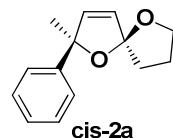


HRMS of all the new compounds

2-methyl-2-phenyl-1,6-dioxaspiro[4.4]non-3-ene (2a)

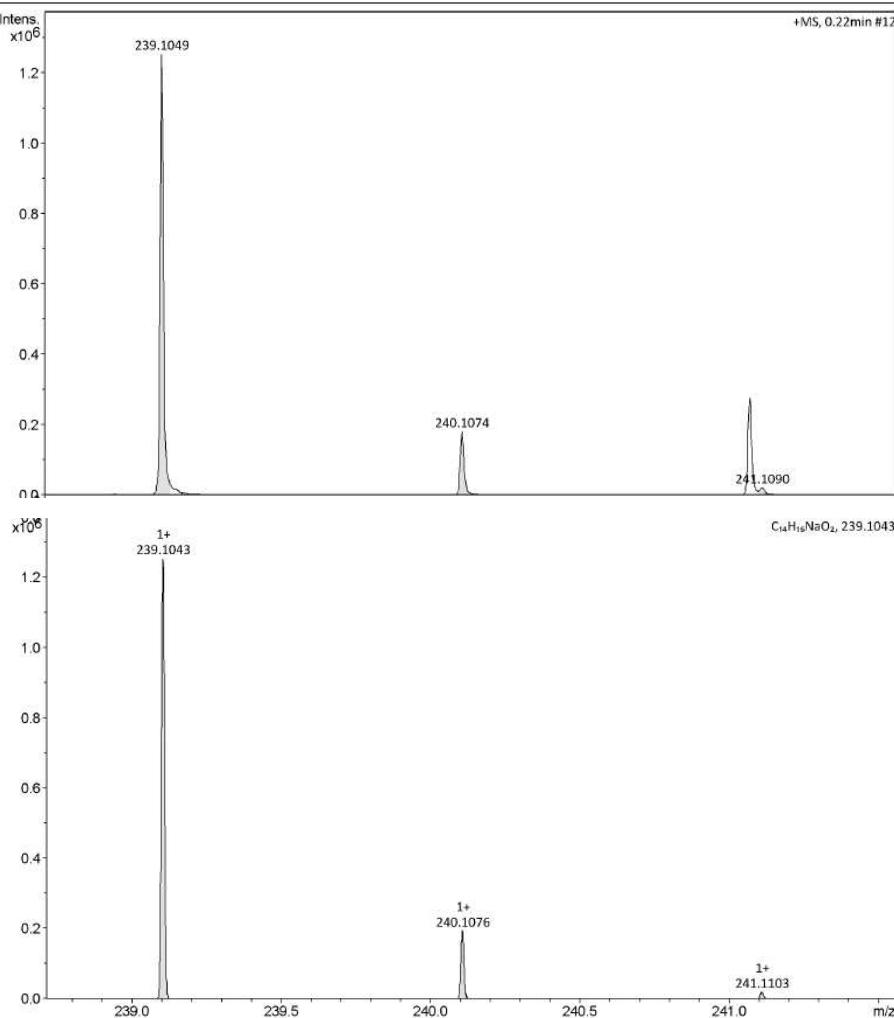


Generic Display Report

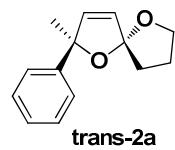
Analysis Info

Analysis Name D:\Data\201505\15052905\15052905-1_P1-D-1_01_5359.d
Method esl_pos_50-1000_with_calibration_for_1min.m
Sample Name 15052905-1
Comment

Acquisition Date 5/29/2015 4:35:40 PM
Operator HSJ
Instrument maXis impact



2-Methyl-2-phenyl-1,6-dioxaspiro[4.4]non-3-ene (2a)

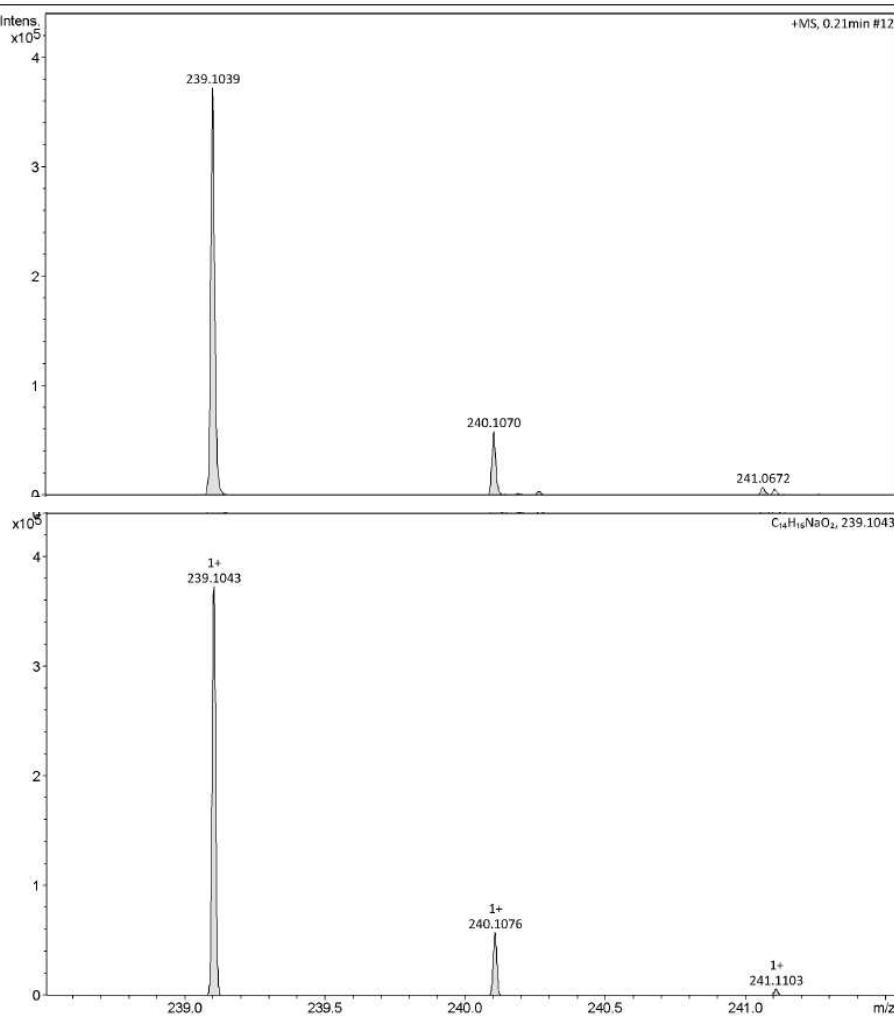


Generic Display Report

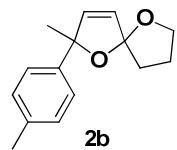
Analysis Info

Analysis Name D:\Data\201509\15092805\15092805-2_P1-A-2_01_7819.d
Method esi_pos_50-500_with calibration_for 1min.m
Sample Name 15092805-2
Comment

Acquisition Date 9/29/2015 8:53:36 AM
Operator HSJ
Instrument maxis impact



2-Methyl-2-(*p*-tolyl)-1,6-dioxaspiro[4.4]non-3-ene (*2b*)



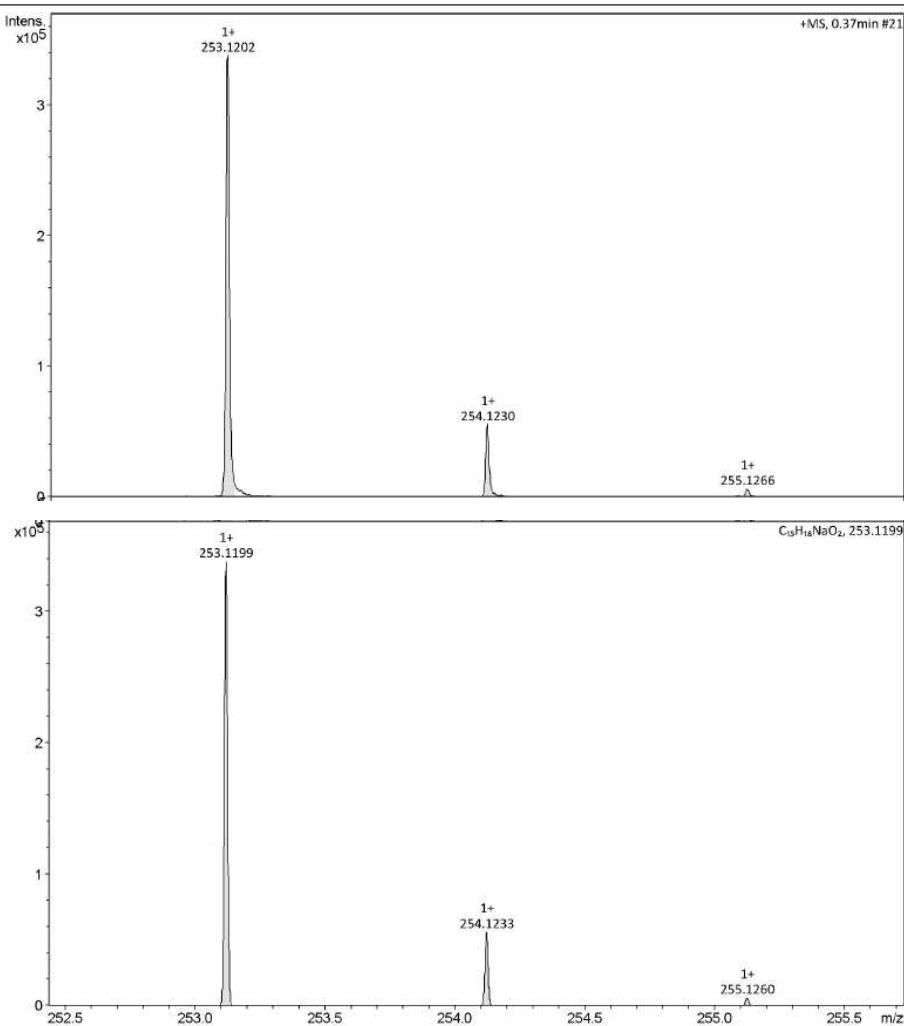
Generic Display Report

Analysis Info

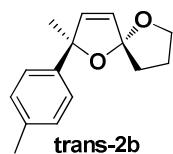
Analysis Name D:\Data\201505\15052905\15052905-6_P1-D-6_01_5364.d
Method esi_pos_50-1000_with_calibration_for 1min.m
Sample Name 15052905-6
Comment

Acquisition Date 5/29/2015 4:43:44 PM

Operator HSJ
Instrument maxis impact



Trans-2-methyl-2-(*p*-tolyl)-1,6-dioxaspiro[4.4]non-3-ene (**2b**)



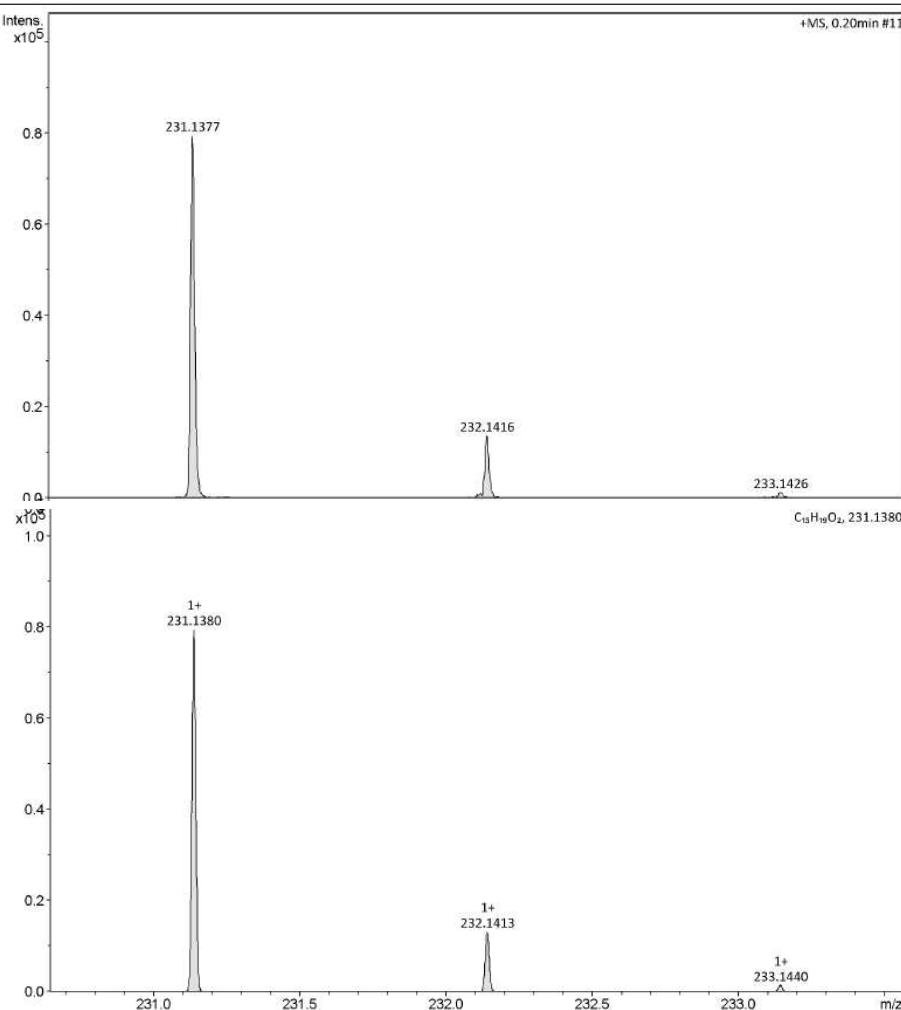
Generic Display Report

Analysis Info

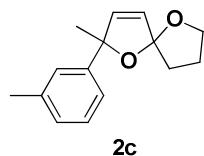
Analysis Name D:\Data\201509\15092805\15092805-1_P1-A-1_01_7818.d
Method esi_pos_50-500_with calibration_for 1min.m
Sample Name 15092805-1
Comment

Acquisition Date 9/29/2015 8:51:34 AM

Operator HSJ
Instrument maXis impact



2-Methyl-2-(m-tolyl)-1,6-dioxaspiro[4.4]non-3-ene (2c)



2c

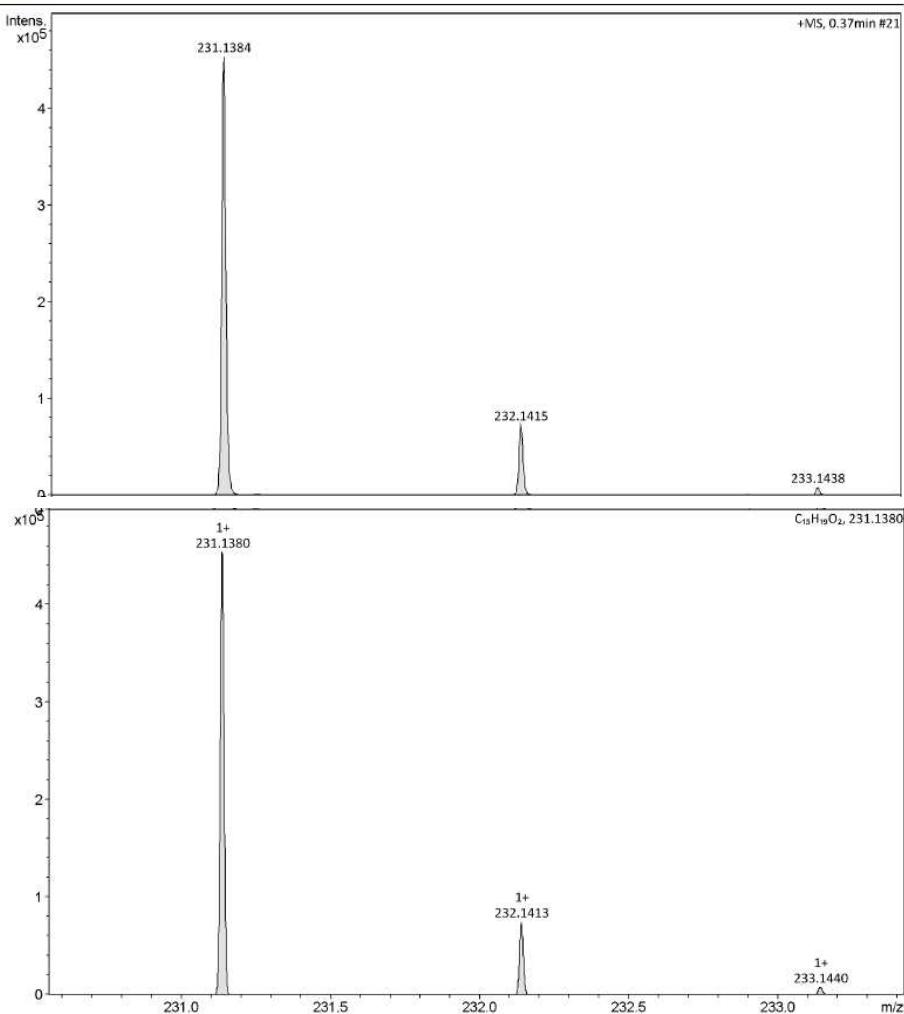
Generic Display Report

Analysis Info

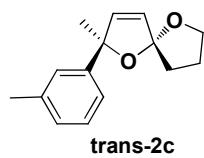
Analysis Name D:\Data\201509\15092805\15092805-12_P1-B-3_01_7829.d
Method esi_pos_50-500_with calibration_for 1min.m
Sample Name 15092805-12
Comment

Acquisition Date 9/29/2015 9:18:18 AM

Operator HSJ
Instrument maXis impact



Trans-2-methyl-2-(*m*-tolyl)-1,6-dioxaspiro[4.4]non-3-ene (**2c**)



trans-2c

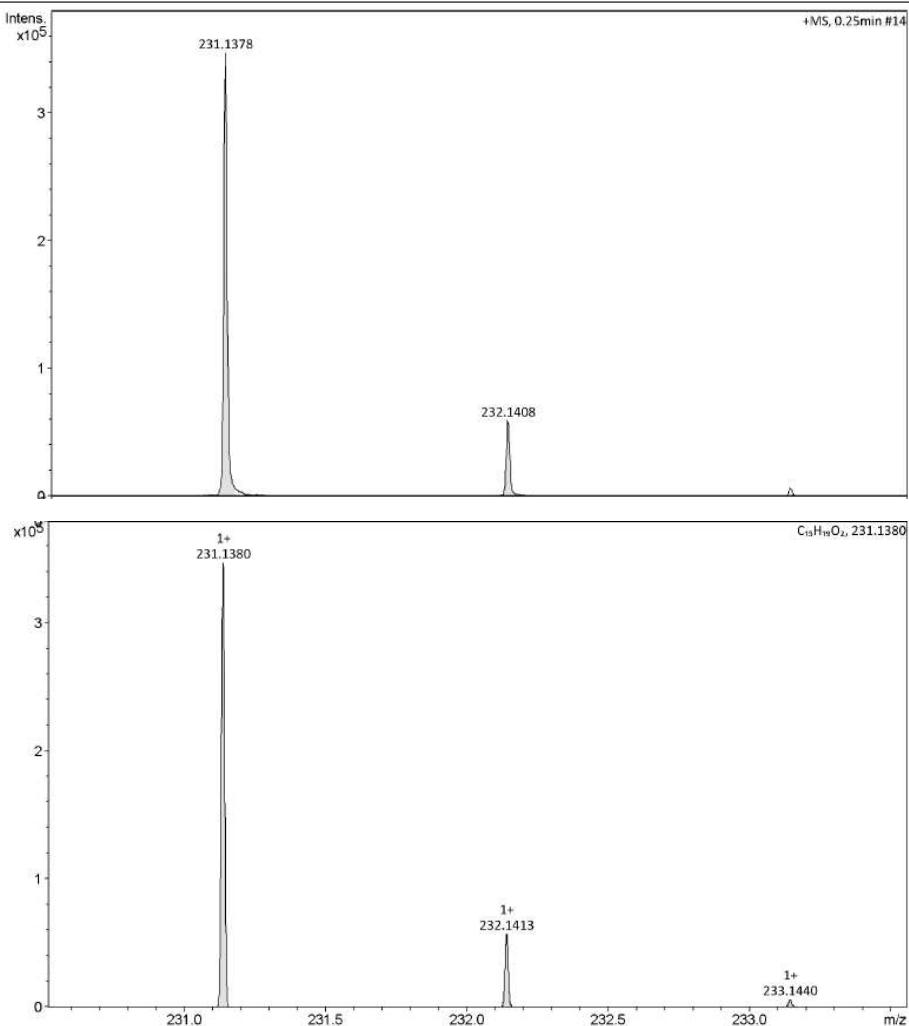
Generic Display Report

Analysis Info

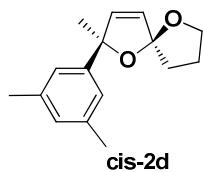
Analysis Name D:\Data\201507\15071501\15071501-5_P1-F-5_01_6845.d
Method esi_pos_50-1000_with calibration_for 1min.m
Sample Name 15071501-5
Comment

Acquisition Date 7/16/2015 11:42:20 AM

Operator HSJ
Instrument maXis impact



Cis-2-(3,5-dimethylphenyl)-2-methyl-1,6-dioxaspiro[4.4]non-3-ene (2d)



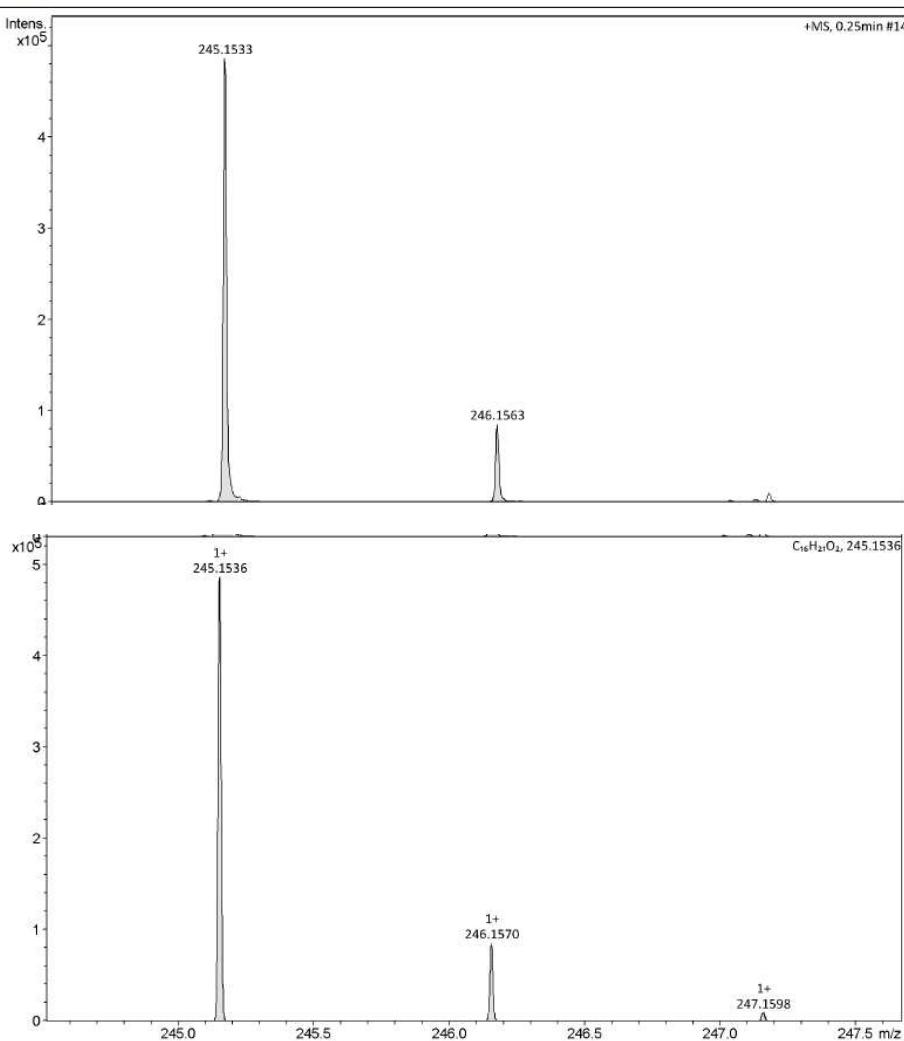
Generic Display Report

Analysis Info

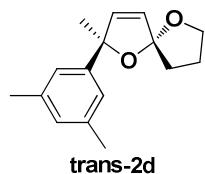
Analysis Name D:\Data\201507\15071501\15071501-2_P1-F-2_01_6842.d
Method esi_pos_50-1000_with_calibration_for 1min.m
Sample Name 15071501-2
Comment

Acquisition Date 7/16/2015 11:37:33 AM

Operator HSJ
Instrument maXis impact



Trans-2-(3,5-dimethylphenyl)-2-methyl-1,6-dioxaspiro[4.4]non-3-ene (**2d**)



trans-2d

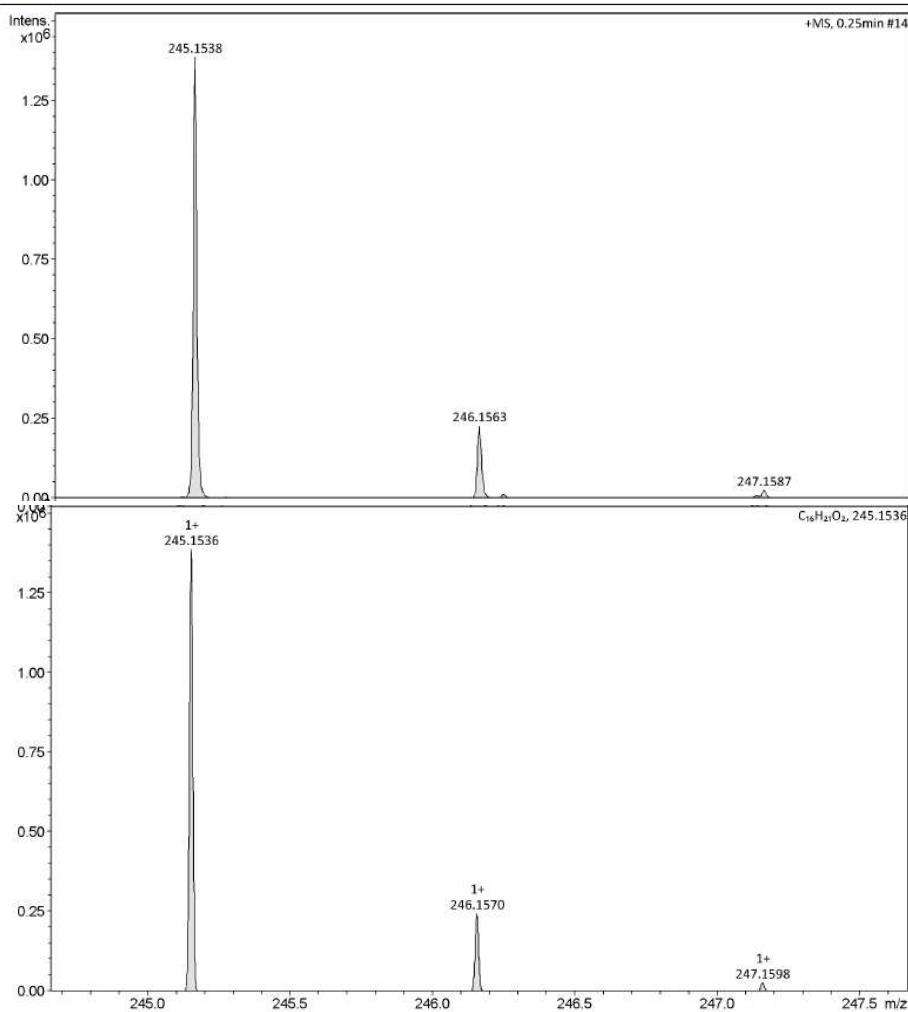
Generic Display Report

Analysis Info

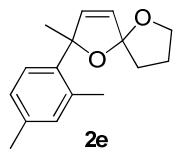
Analysis Name D:\Data\201509\15092805\15092805-9_P1-A-9_01_7826.d
Method esi_pos_50-500_with calibration_for 1min.m
Sample Name 15092805-9
Comment

Acquisition Date 9/29/2015 9:11:49 AM

Operator HSJ
Instrument maXis impact



2-(2,4-Dimethylphenyl)-2-methyl-1,6-dioxaspiro[4.4]non-3-ene (2e)

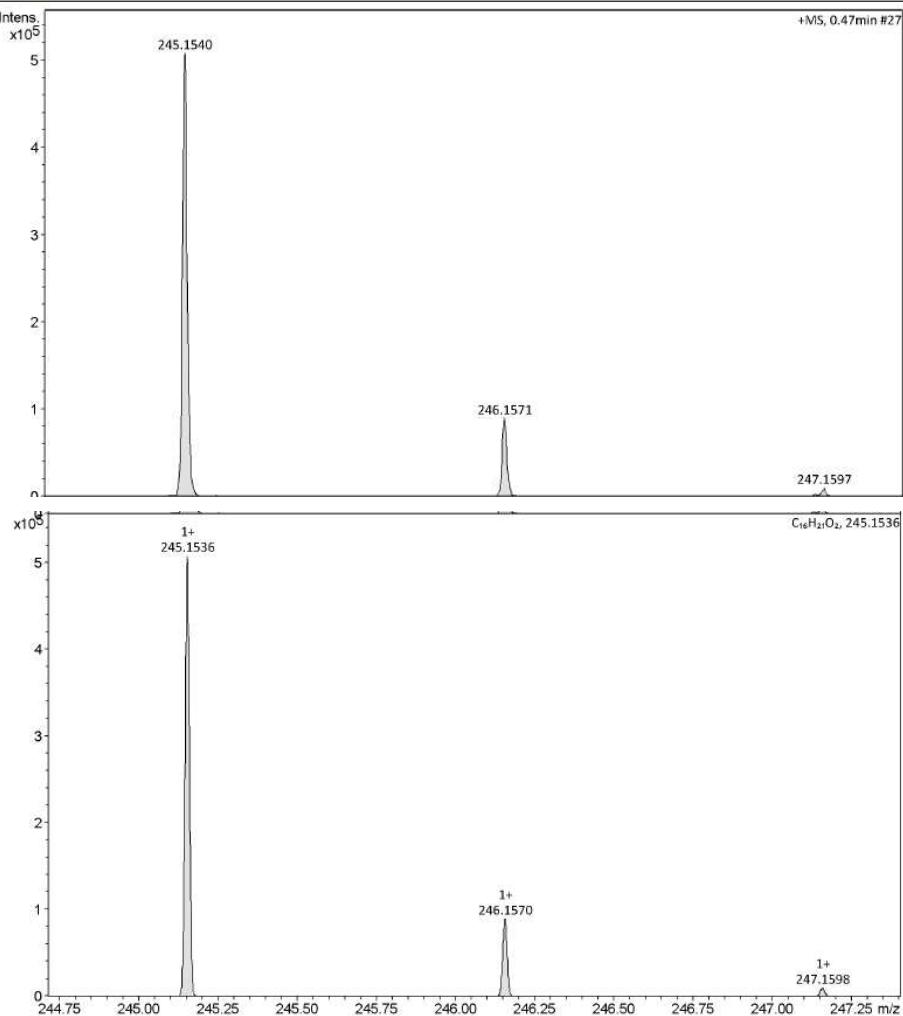


Generic Display Report

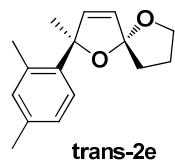
Analysis Info

Analysis Name D:\Data\201509\15092805\15092805-14_P1-B-5_01_7831.d
Method esi_pos_50-500_with calibration_for 1min.m
Sample Name 15092805-14
Comment

Acquisition Date 9/29/2015 9:21:35 AM
Operator HSJ
Instrument maXis impact



Trans-2-(2,4-dimethylphenyl)-2-methyl-1,6-dioxaspiro[4.4]non-3-ene (*2e*)



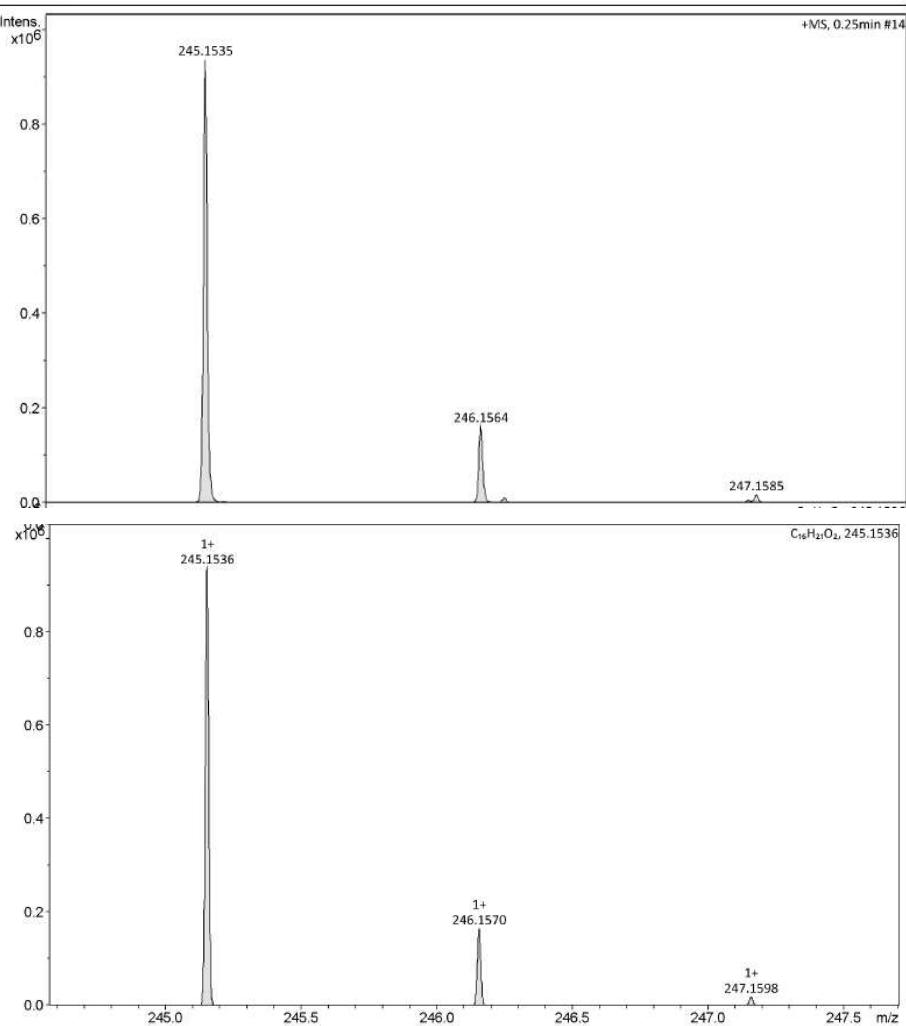
Generic Display Report

Analysis Info

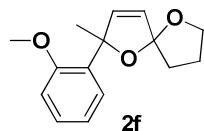
Analysis Name D:\Data\201509\15092805\15092805-10_P1-B-1_01_7827.d
Method esi_pos_50-500_with_calibration_for 1min.m
Sample Name 15092805-10
Comment

Acquisition Date 9/29/2015 9:13:27 AM

Operator HSJ
Instrument maXis impact



2-(2-Methoxyphenyl)-2-methyl-1,6-dioxaspiro[4.4]non-3-ene (2f)



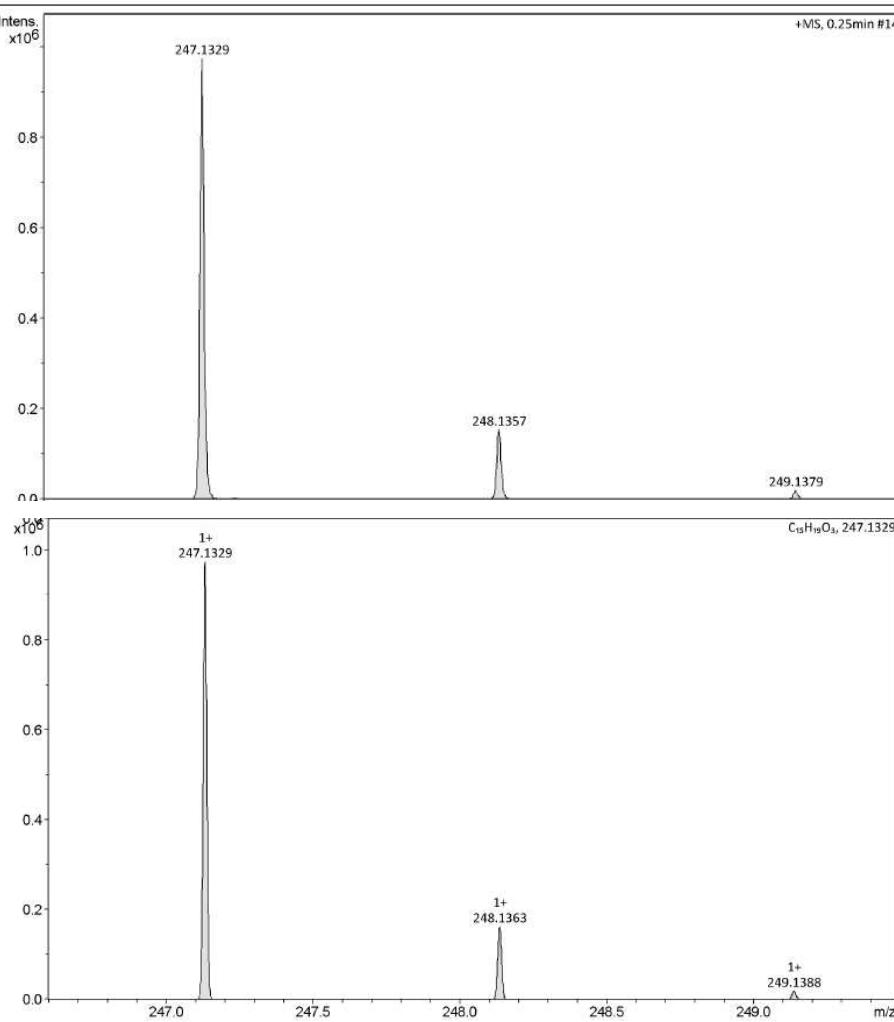
Generic Display Report

Analysis Info

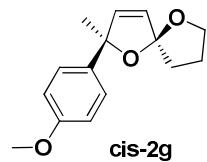
Analysis Name D:\Data\201509\15092805\15092805-6_P1-A-6_01_7823.d
Method esi_pos_50-500_with calibration_for 1min.m
Sample Name 15092805-6
Comment

Acquisition Date 9/29/2015 9:06:51 AM

Operator HSJ
Instrument maXis impact



Cis-2-(4-methoxyphenyl)-2-methyl-1,6-dioxaspiro[4.4]non-3-ene (2g)



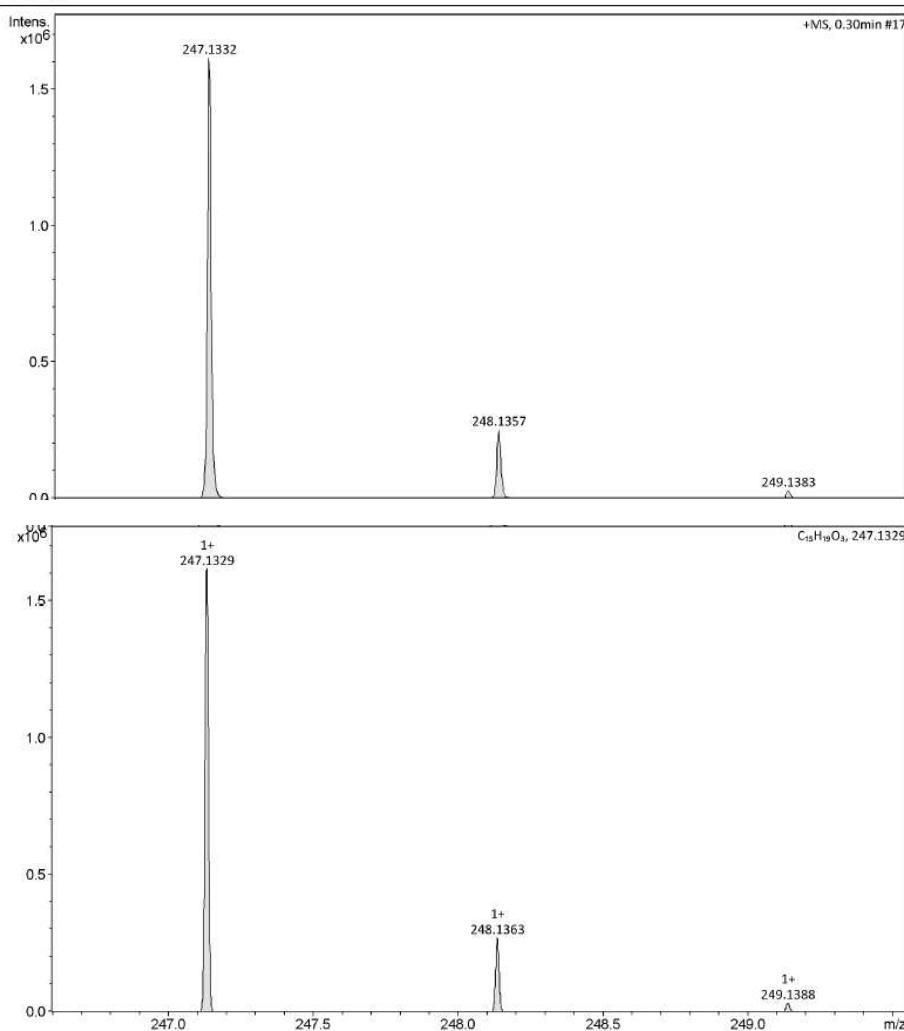
Generic Display Report

Analysis Info

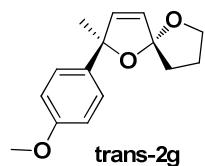
Analysis Name: D:\Data\201509\15092805\15092805-3_P1-A-3_01_7820.d
Method: esi_pos_50-500_with_calibration_for_1min.m
Sample Name: 15092805-3
Comment:

Acquisition Date: 9/29/2015 8:55:37 AM

Operator: HSJ
Instrument: maXis impact



2-(4-Methoxyphenyl)-2-methyl-1,6-dioxaspiro[4.4]non-3-ene (2g)

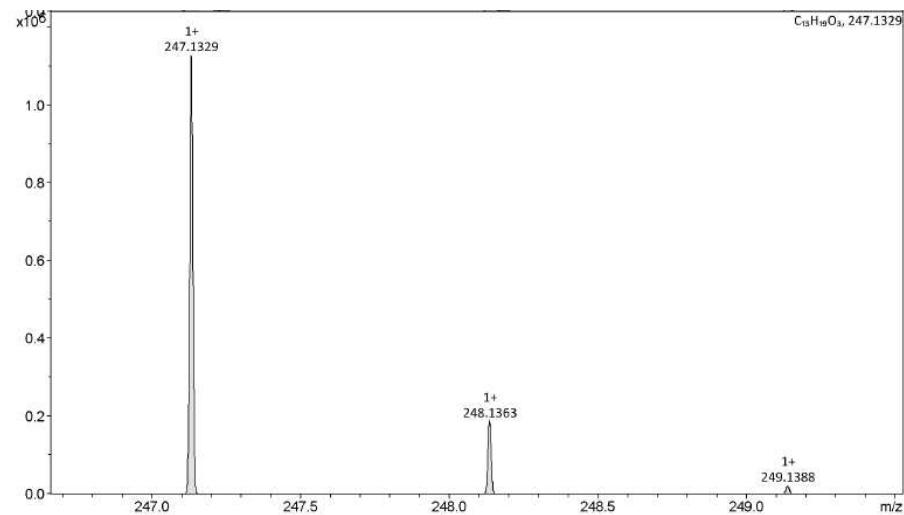
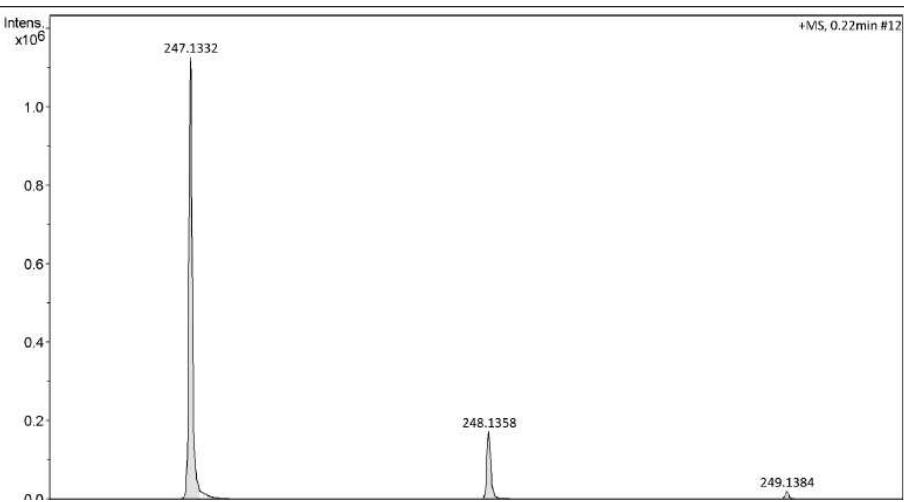


Generic Display Report

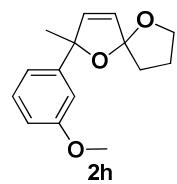
Analysis Info

Analysis Name: D:\Data\201505\15052905\15052905-4_P1-D-4_01_5362.d
Method: esi_pos_50-1000_with_calibration_for_1min.m
Sample Name: 15052905-4
Comment:

Acquisition Date: 5/29/2015 4:40:31 PM
Operator: HSJ
Instrument: maXis impact



2-(3-Methoxyphenyl)-2-methyl-1,6-dioxaspiro[4.4]non-3-ene (2h)

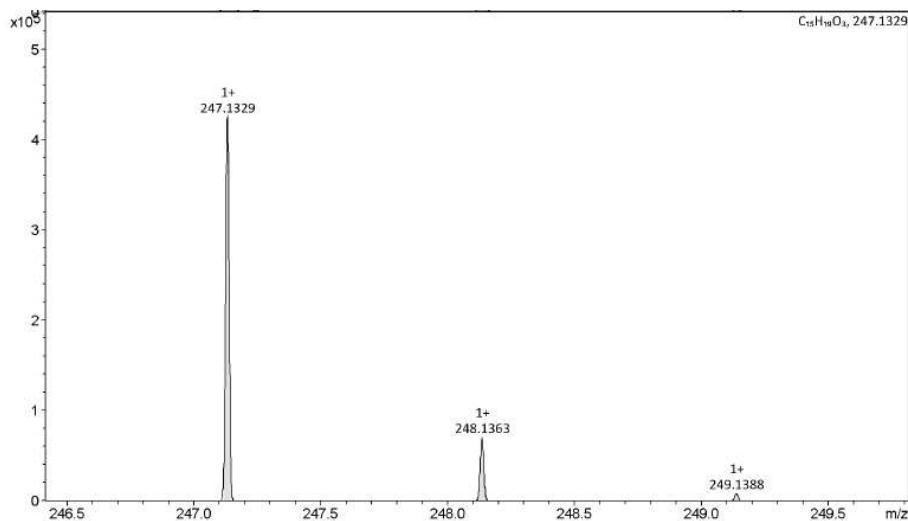
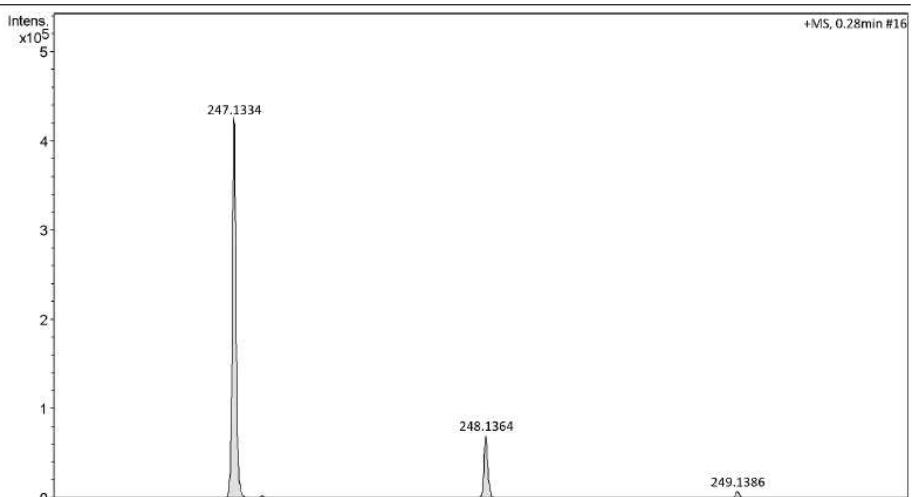


Generic Display Report

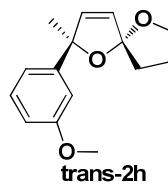
Analysis Info

Analysis Name D:\Data\201509\15092805\15092805-17_P1-B-8_01_7834.d
Method esi_pos_50-500_with calibration_for 1min.m
Sample Name 15092805-17
Comment

Acquisition Date 9/29/2015 9:26:33 AM
Operator HSJ
Instrument maXis impact



Trans-2-(3-methoxyphenyl)-2-methyl-1,6-dioxaspiro[4.4]non-3-ene (**2h**)



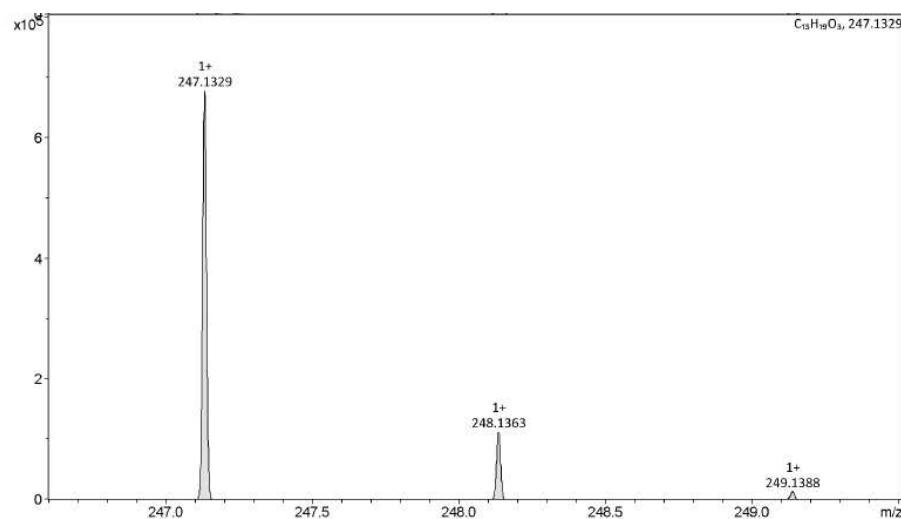
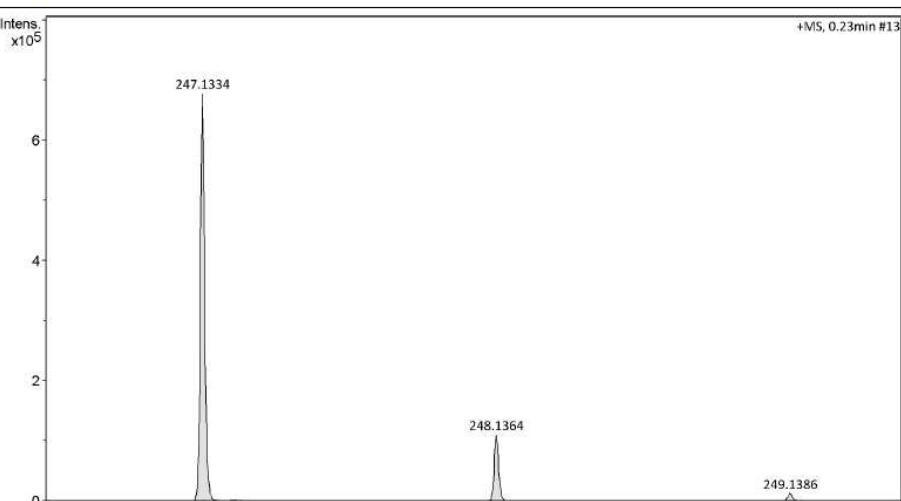
Generic Display Report

Analysis Info

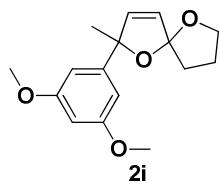
Analysis Name D:\Data\201509\15092805\15092805-15_P1-B-6_01_7832.d
Method esi_pos_50-500_with_calibration_for_1min.m
Sample Name 15092805-15
Comment

Acquisition Date 9/29/2015 9:23:13 AM

Operator HSJ
Instrument maXis impact



2-(3,5-Dimethoxyphenyl)-2-methyl-1,6-dioxaspiro[4.4]non-3-ene (2i)

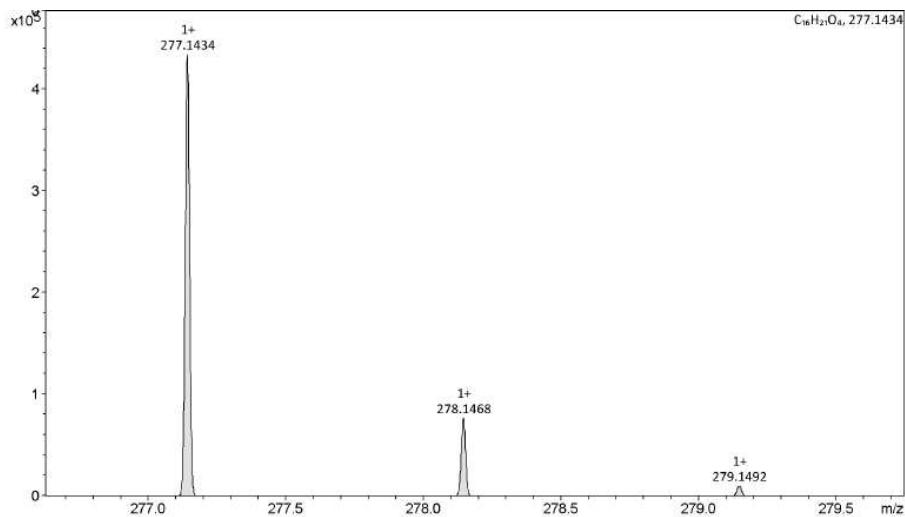
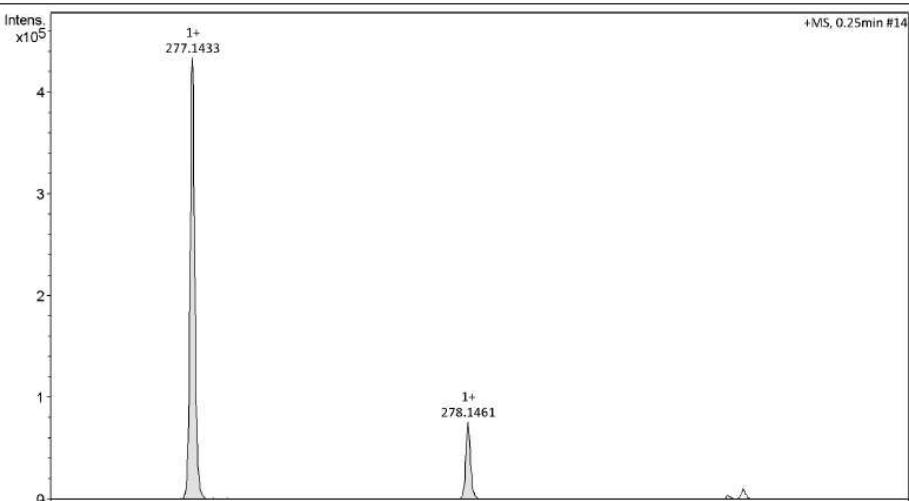


Generic Display Report

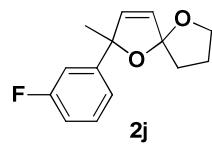
Analysis Info

Analysis Name D:\Data\201509\15092805\15092805-8_P1-A-8_01_7825.d
Method esi_pos_50-500_with calibration_for 1min.m
Sample Name 15092805-8
Comment

Acquisition Date 9/29/2015 9:10:09 AM
Operator HSJ
Instrument maXis impact



2-(3-Fluorophenyl)-2-methyl-1,6-dioxaspiro[4.4]non-3-ene (2j)

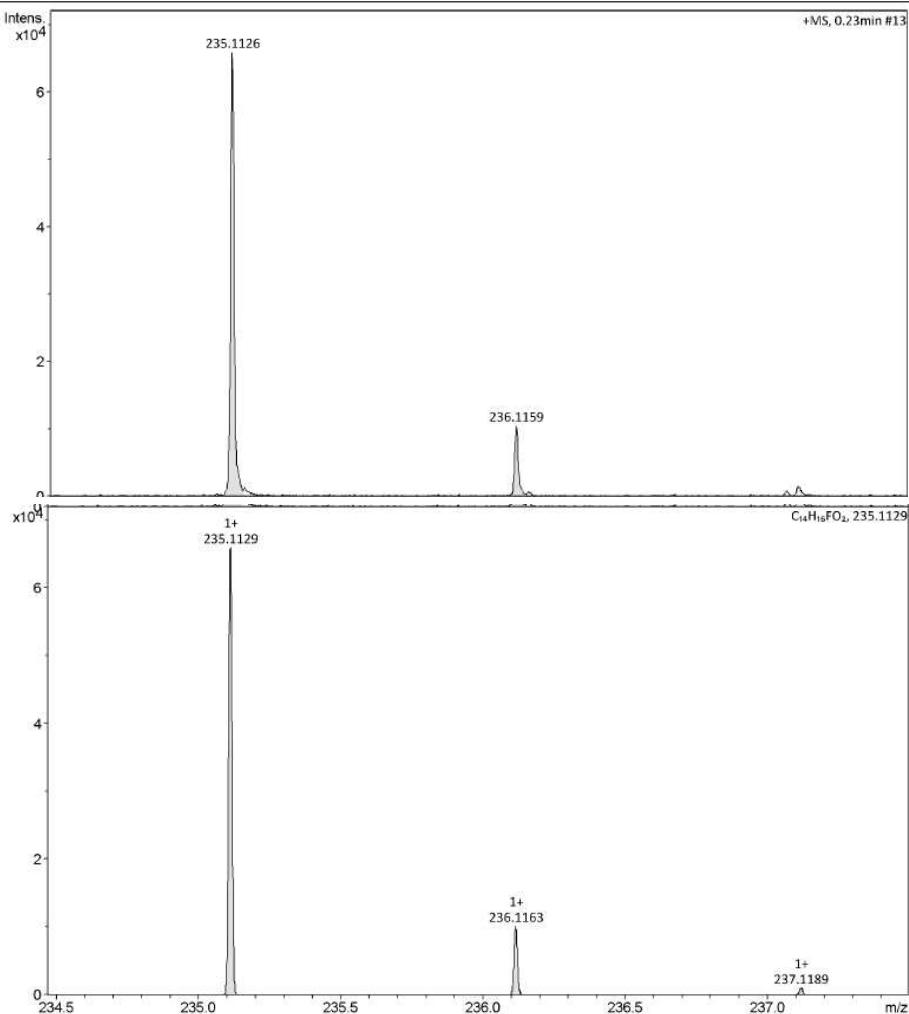


Generic Display Report

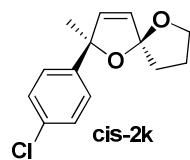
Analysis Info

Analysis Name D:\Data\201507\15071501\15071501-4_P1-F-4_01_6844.d
Method esi_pos_50-1000_with calibration_for 1min.m
Sample Name 15071501-4
Comment

Acquisition Date 7/16/2015 11:40:45 AM
Operator HSJ
Instrument maXis impact



Cis-2-(4-chlorophenyl)-2-methyl-1,6-dioxaspiro[4.4]non-3-ene (*2k*)



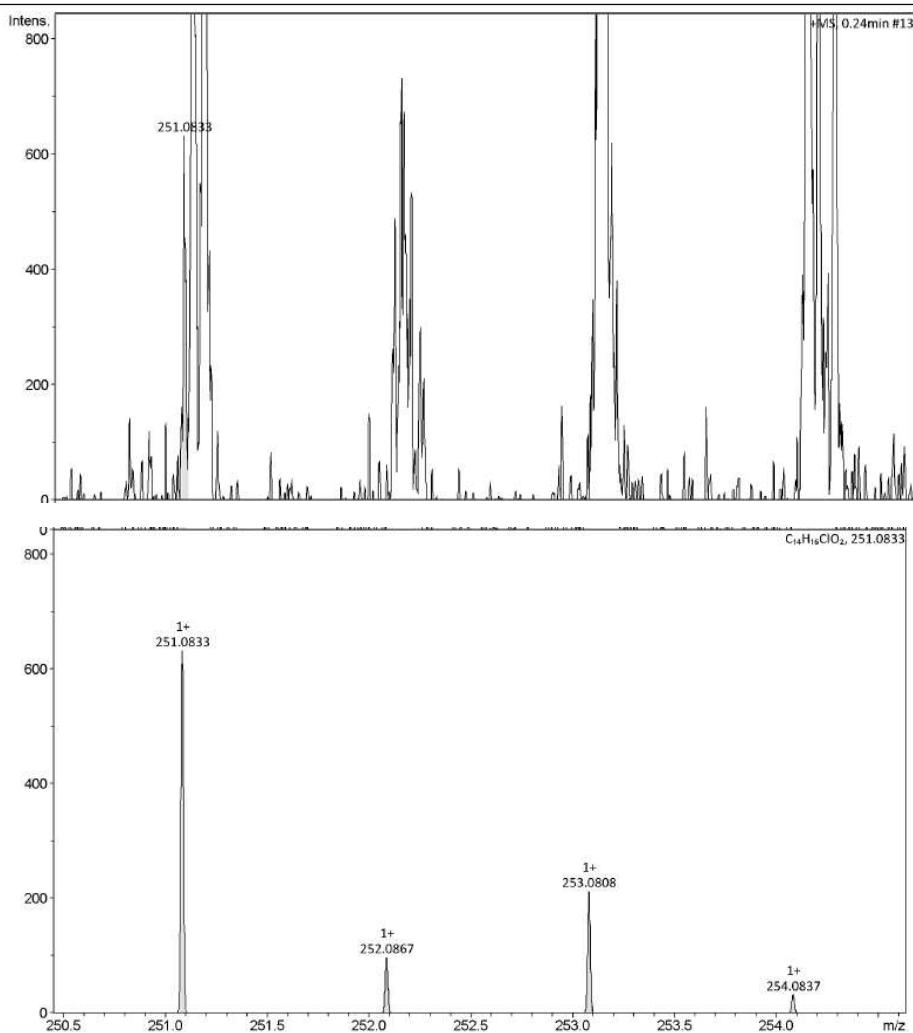
Generic Display Report

Analysis Info

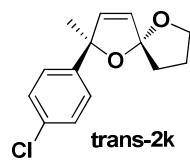
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Method esi_pos_50-500_with_calibration_for 1min.m
Sample Name 15092805-4
Comment

Acquisition Date 9/29/2015 9:03:33 AM

Operator HSJ
Instrument maXis impact



Trans-2-(4-chlorophenyl)-2-methyl-1,6-dioxaspiro[4.4]non-3-ene (2k)

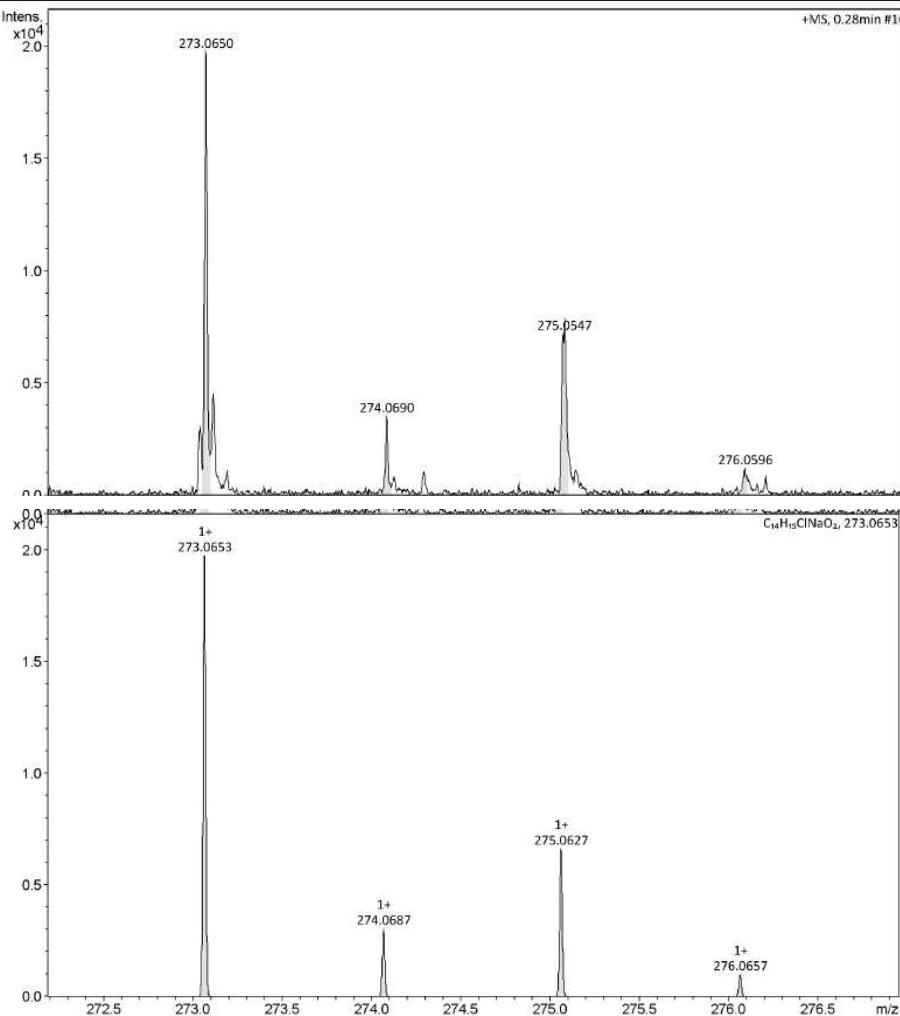


Generic Display Report

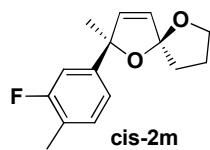
Analysis Info

Analysis Name D:\Data\201505\15052905\15052905-3_P1-D-3_01_5361.d
Method esi_pos_50-1000_with calibration_for 1min.m
Sample Name 15052905-3
Comment

Acquisition Date 5/29/2015 4:38:52 PM
Operator HSJ
Instrument maXis impact



Cis-2-(3-fluoro-4-methylphenyl)-2-methyl-1,6-dioxaspiro[4.4]non-3-ene (**2m**)

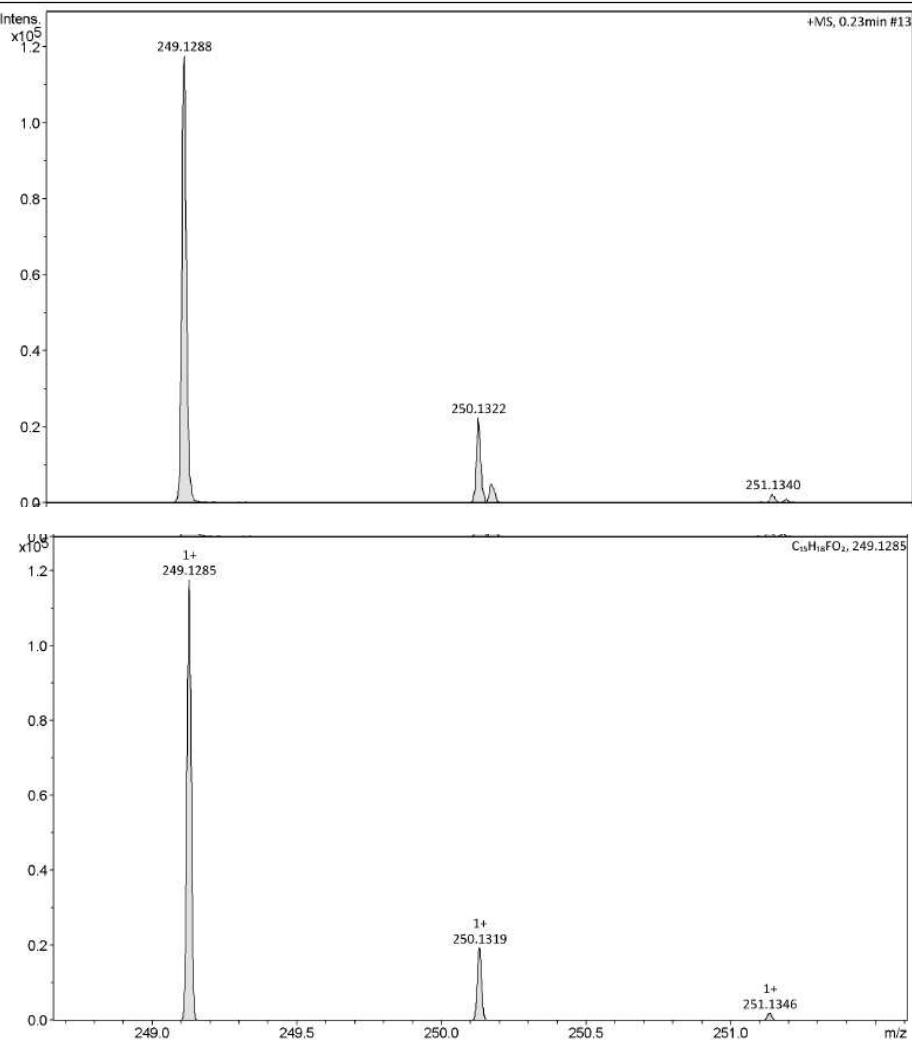


Generic Display Report

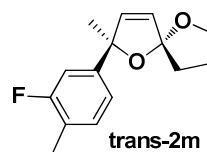
Analysis Info

Analysis Name D:\Data\201509\15092805\15092805-23_P1-C-5_01_7840.d
Method esi_pos_50-500_with_calibration_for_1min.m
Sample Name 15092805-23
Comment

Acquisition Date 9/29/2015 9:36:23 AM
Operator HSJ
Instrument maXis impact



Trans-2-(3-fluoro-4-methylphenyl)-2-methyl-1,6-dioxaspiro[4.4]non-3-ene (**2m**)

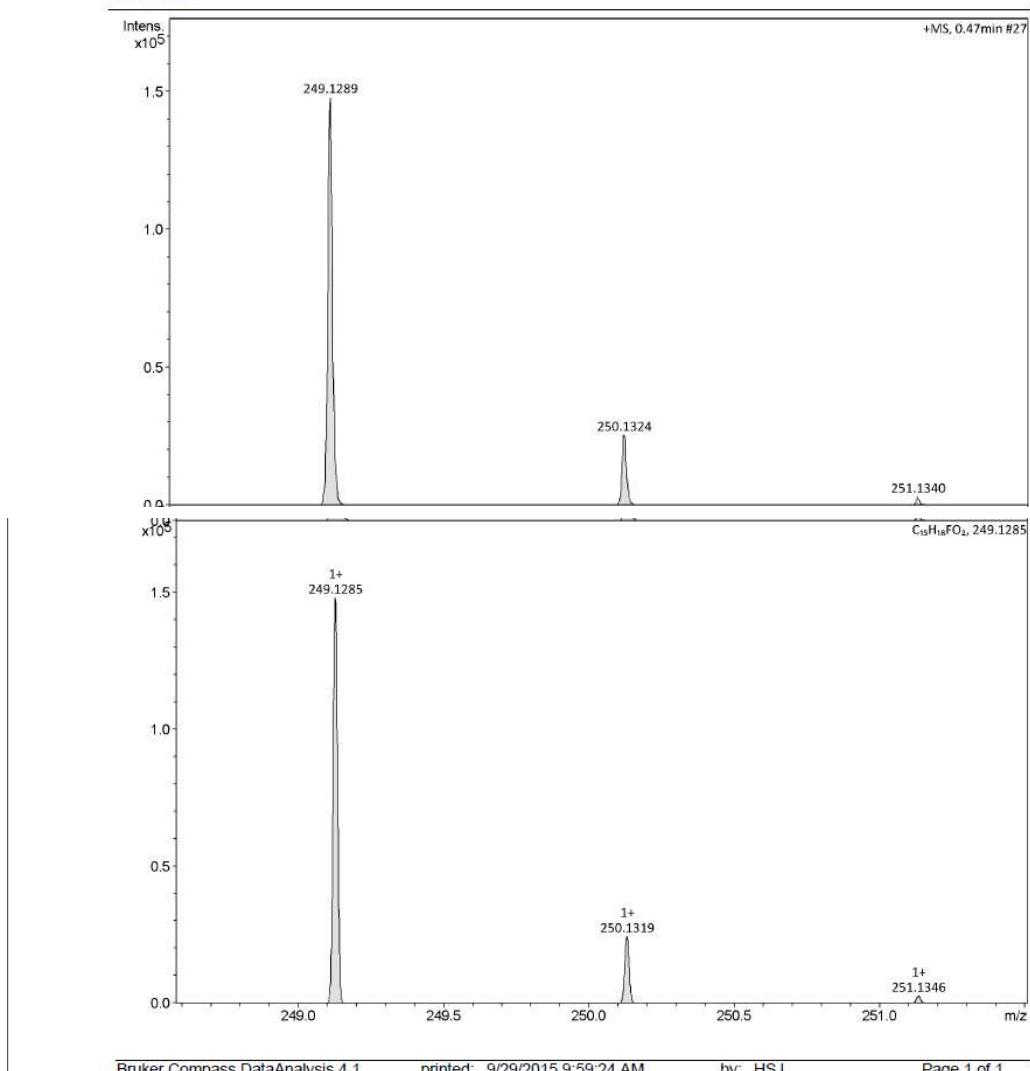


Generic Display Report

Analysis Info

Analysis Name D:\Data\201509\15092805\15092805-24_P1-C-6_01_7841.d
Method esi_pos_50-500_with calibration_for 1min.m
Sample Name 15092805-24
Comment

Acquisition Date 9/29/2015 9:38:01 AM
Operator HSJ
Instrument maXis impact



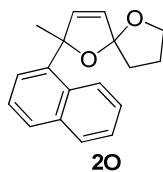
Bruker Compass DataAnalysis 4.1

printed: 9/29/2015 9:59:24 AM

by: HSJ

Page 1 of 1

2-Methyl-2-(naphthalen-1-yl)-1,6-dioxaspiro[4.4]non-3-ene (2O)



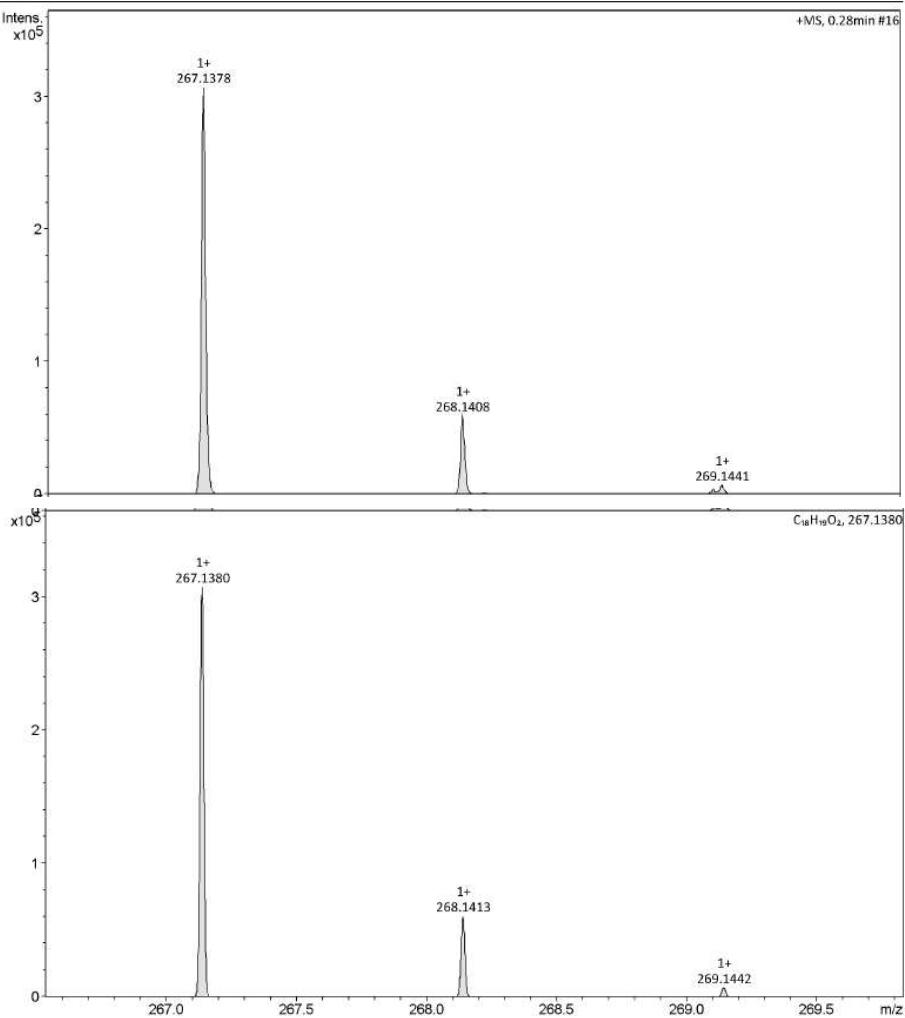
2O

Generic Display Report

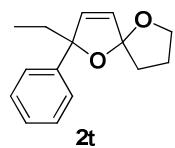
Analysis Info

Analysis Name D:\Data\201509\15092805\15092805-5_P1-A-5_01_7822.d
Method esi_pos_50-500_with calibration_for 1min.m
Sample Name 15092805-5
Comment

Acquisition Date 9/29/2015 9:05:11 AM
Operator HSJ
Instrument maXis impact



2-Ethyl-2-phenyl-1,6-dioxaspiro[4.4]non-3-ene (2t)



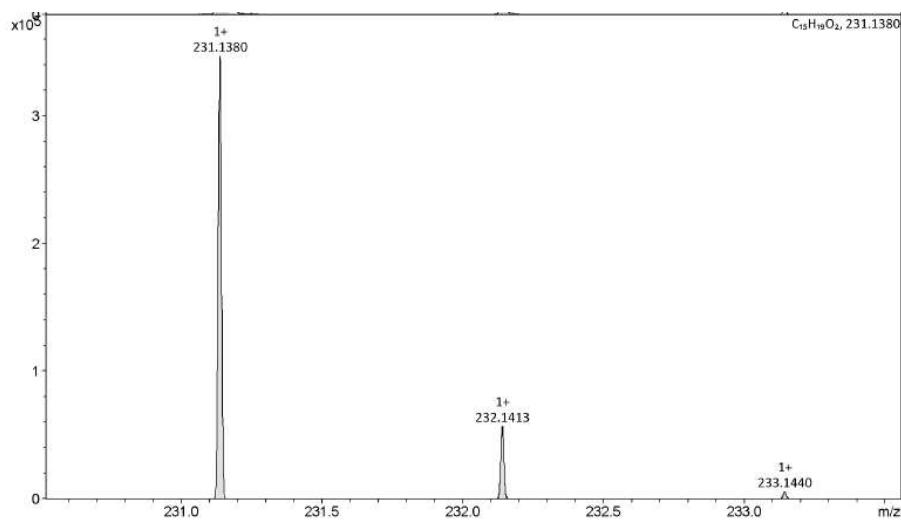
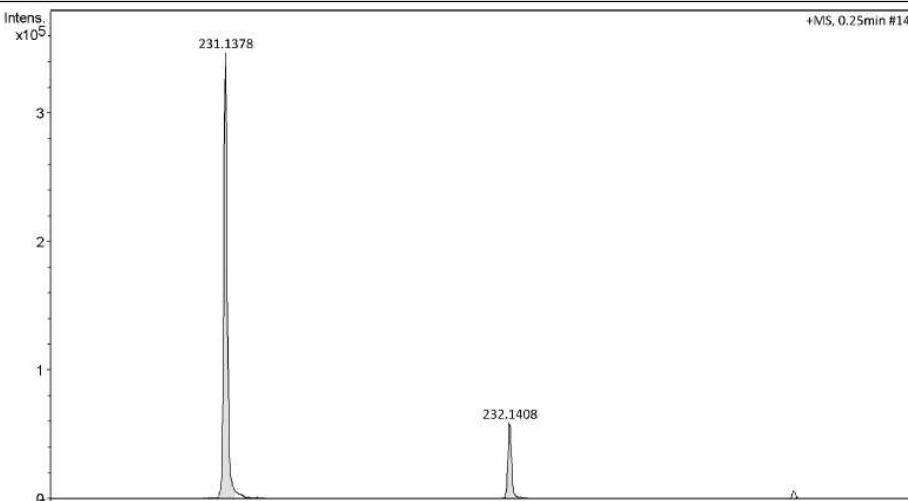
Generic Display Report

Analysis Info

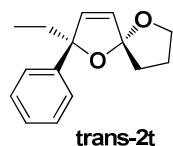
Analysis Name D:\Data\201507\15071501\15071501-5_P1-F-5_01_6845.d
Method esi_pos_50-1000_with_calibration_for 1min.m
Sample Name 15071501-5
Comment

Acquisition Date 7/16/2015 11:42:20 AM

Operator HSJ
Instrument maxis impact



Trans-2-ethyl-2-phenyl-1,6-dioxaspiro[4.4]non-3-ene (2t)



trans-2t

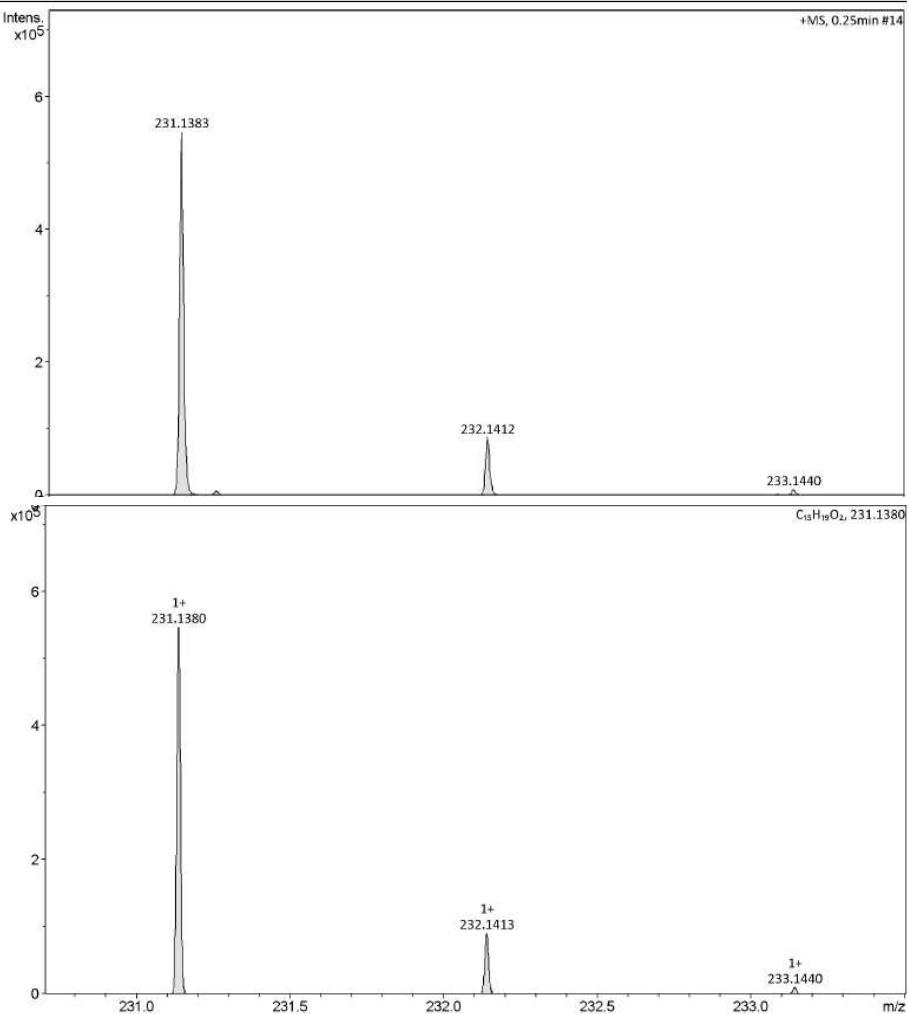
Generic Display Report

Analysis Info

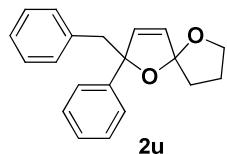
Analysis Name
Method
Sample Name
Comment

D:\Data\201509\15092805\15092805-16_P1-B-7_01_7833.d
esi_pos_50-500_with calibration_for 1min.m
15092805-16

Acquisition Date 9/29/2015 9:24:52 AM
Operator HSJ
Instrument maXis impact



2-Benzyl-2-phenyl-1,6-dioxaspiro[4.4]non-3-ene (2u)

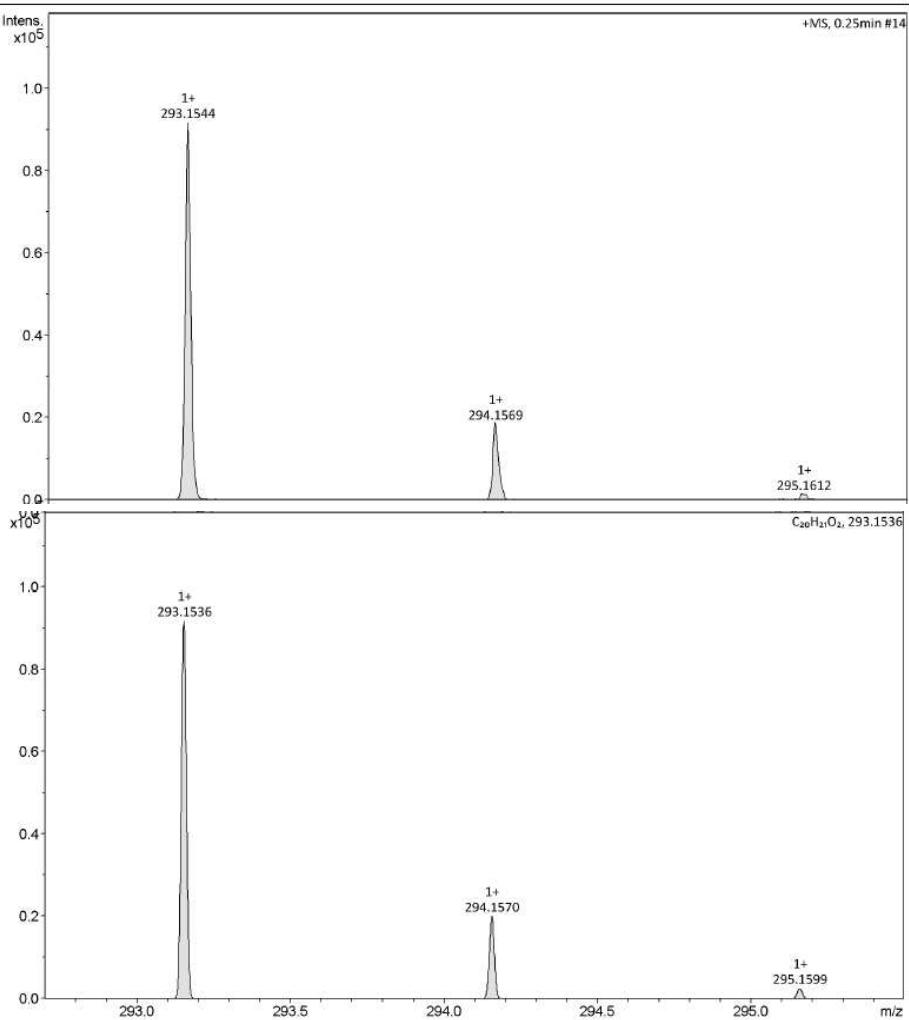


Generic Display Report

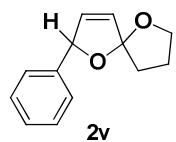
Analysis Info

Analysis Name D:\Data\201509\15092805\15092805-21_P1-C-3_01_7838.d
Method esi_pos_50-500_with calibration_for 1min.m
Sample Name 15092805-21
Comment

Acquisition Date 9/29/2015 9:33:07 AM
Operator HSJ
Instrument maXis impact



2-Phenyl-1,6-dioxaspiro[4.4]non-3-ene(2v)

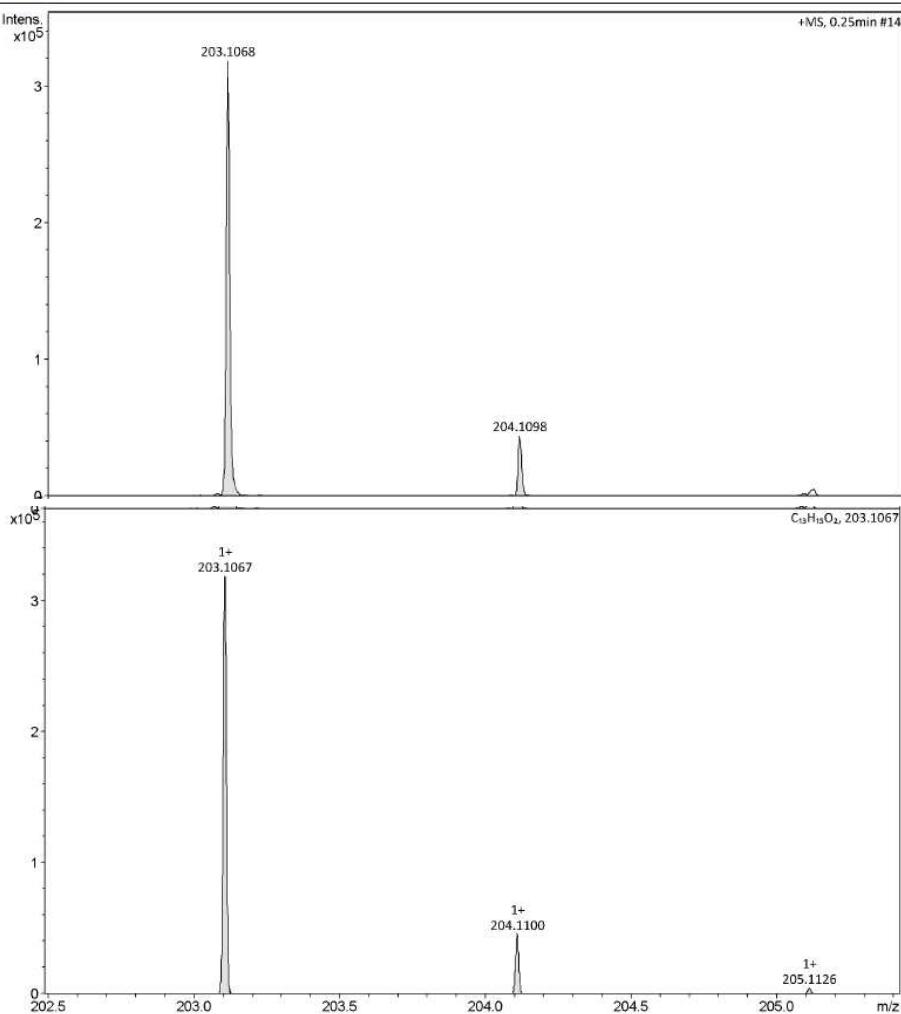


Generic Display Report

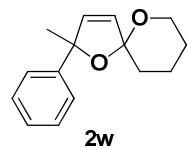
Analysis Info

Analysis Name D:\Data\201509\15092805\15092805-19_P1-C-1_01_7836.d
Method esi_pos_50-500_with calibration_for 1min.m
Sample Name 15092805-19
Comment

Acquisition Date 9/29/2015 9:29:48 AM
Operator HSJ
Instrument maXis impact



2-Methyl-2-phenyl-1,6-dioxaspiro[4.5]dec-3-ene (2w)



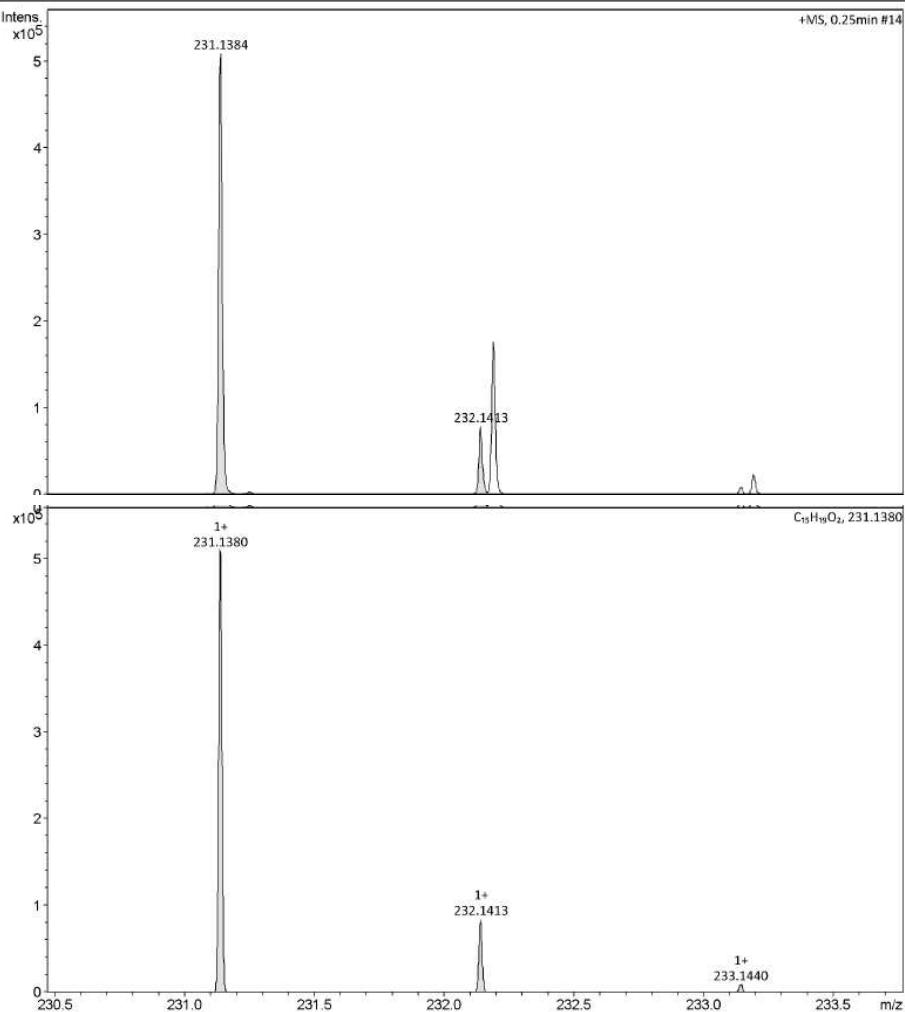
2w

Generic Display Report

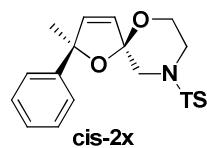
Analysis Info

Analysis Name D:\Data\201509\15092805\15092805-13_P1-B-4_01_7830.d
Method esi_pos_50-500_with calibration_for 1min.m
Sample Name 15092805-13
Comment

Acquisition Date 9/29/2015 9:19:56 AM
Operator HSJ
Instrument maXis impact



Cis-2-methyl-2-phenyl-9-tosyl-1,6-dioxa-9-azaspiro[4.5]dec-3-ene (2x)



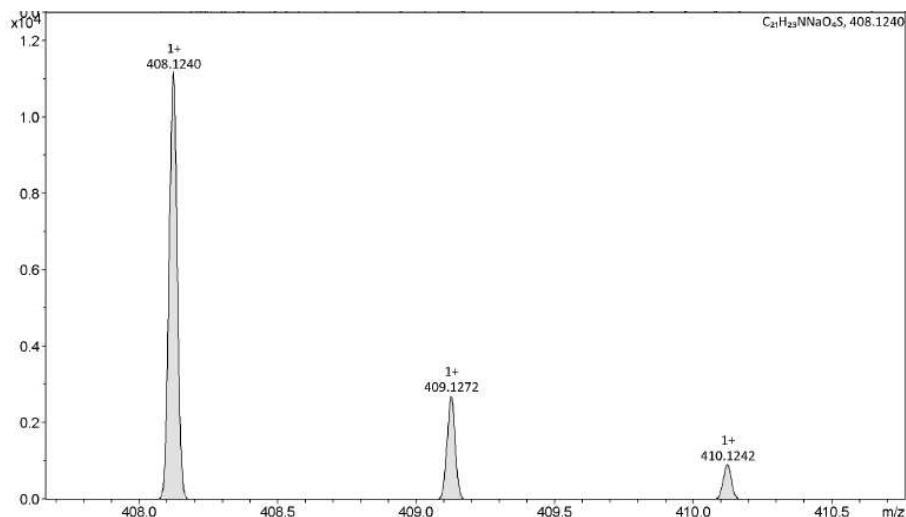
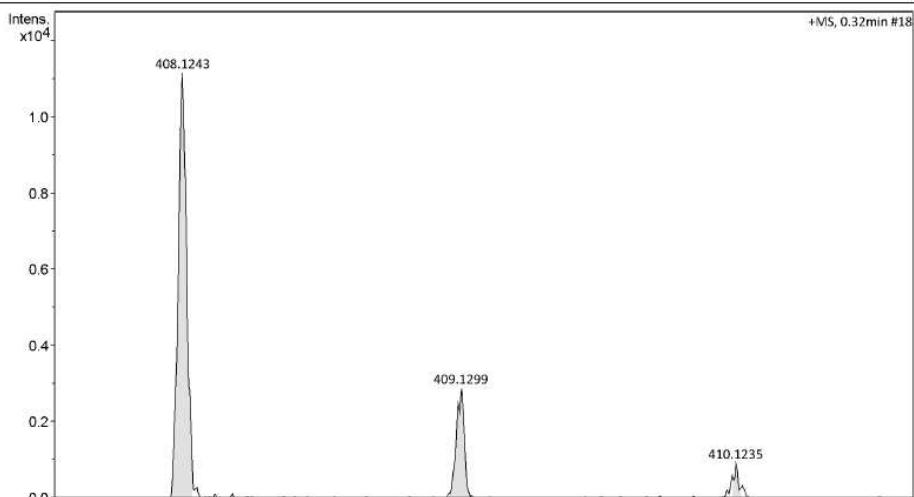
Generic Display Report

Analysis Info

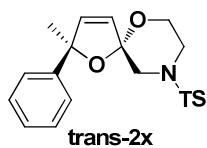
Analysis Name D:\Data\201509\15092805\15092805-22_P1-C-4_01_7842.d
Method esi_pos_50-500_with_calibration_for_1min.m
Sample Name 15092805-22
Comment

Acquisition Date 9/29/2015 10:02:48 AM

Operator HSJ
Instrument maXis impact



Trans-2-methyl-2-phenyl-9-tosyl-1,6-dioxa-9-azaspiro[4.5]dec-3-ene (2x)



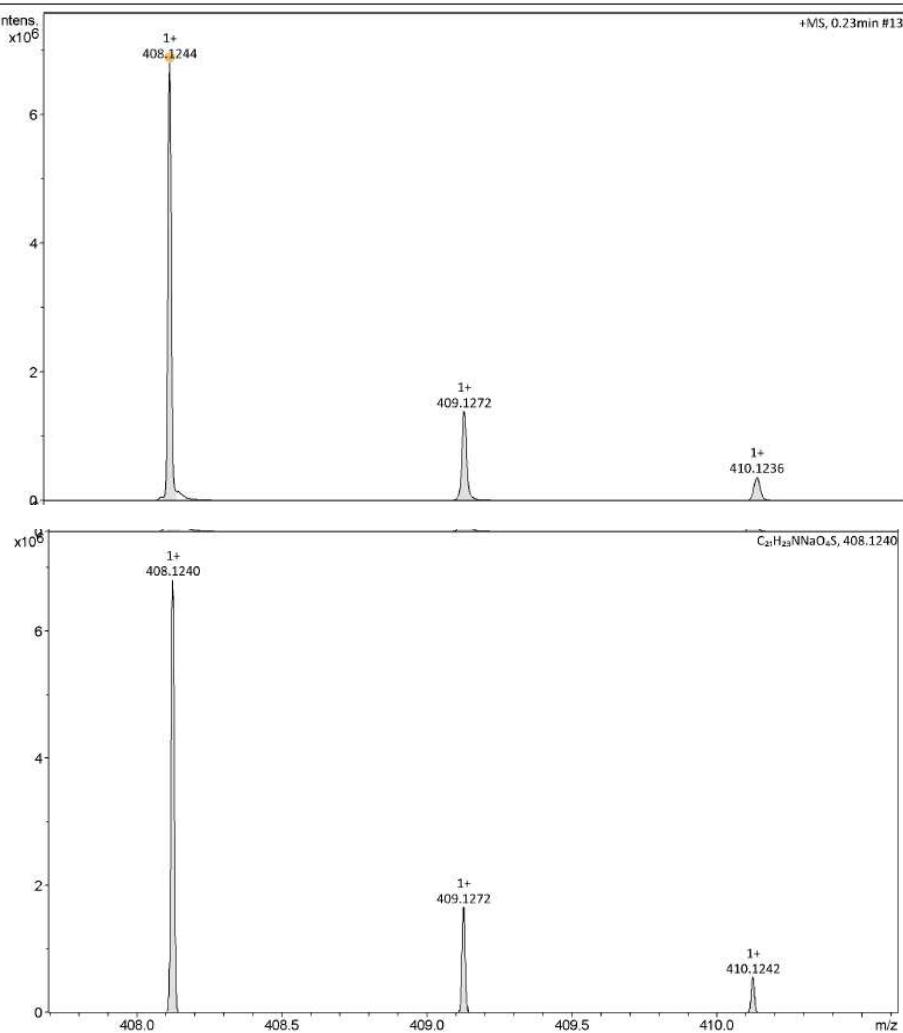
Generic Display Report

Analysis Info

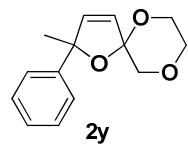
Analysis Name D:\Data\201508\15082402\15082402-9_P1-A-9_01_7398.d
Method esi_pos_50-1000_with calibration_for 1min.m
Sample Name 15082402-9
Comment

Acquisition Date 8/25/2015 9:07:11 AM

Operator HSJ
Instrument maXis impact



2-Methyl-2-phenyl-1,6,9-trioxaspiro[4.5]dec-3-ene (2y)



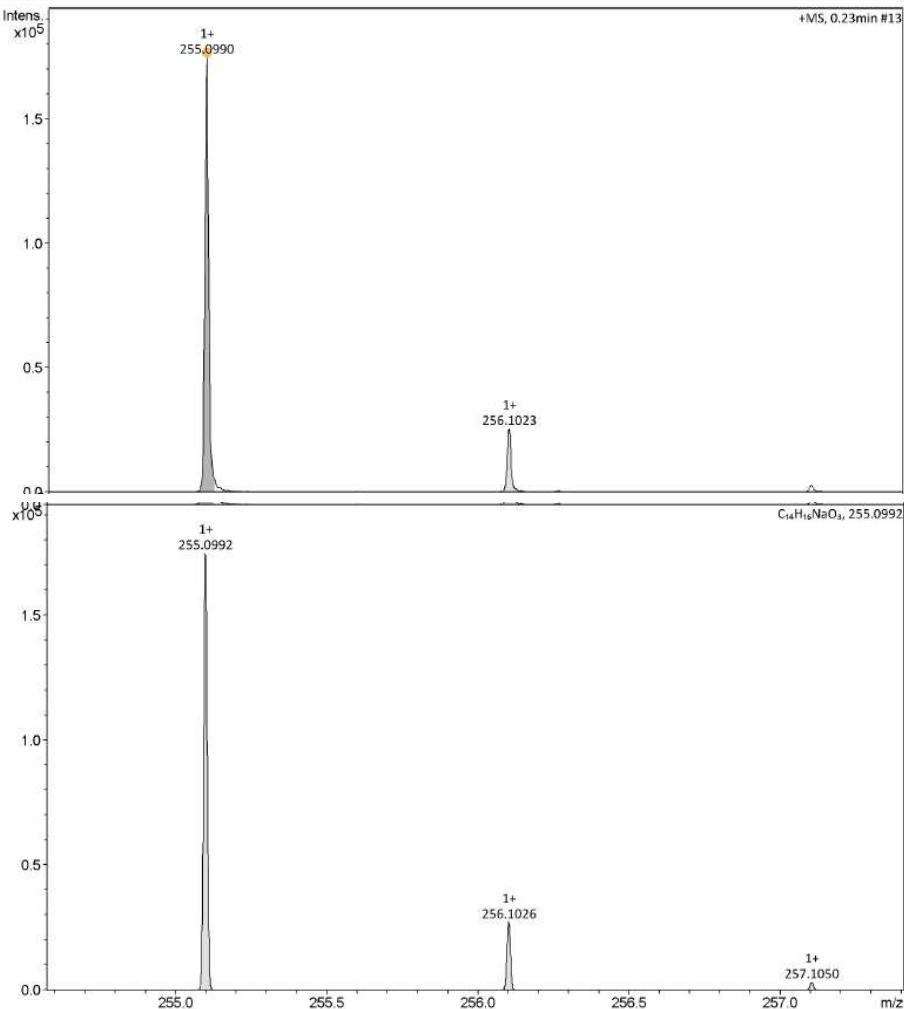
Generic Display Report

Analysis Info

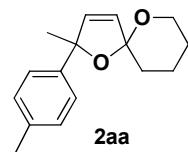
Analysis Name
Method
Sample Name
Comment

D:\Data\201508\15082402\15082402-1_P1-A-1_01_7389.d
esi_pos_50-1000_with calibration_for 1min.m
15082402-1

Acquisition Date 8/25/2015 8:49:22 AM
Operator HSJ
Instrument maXis impact



2-Methyl-2-(*p*-tolyl)-1,6-dioxaspiro[4.5]dec-3-ene (2aa)

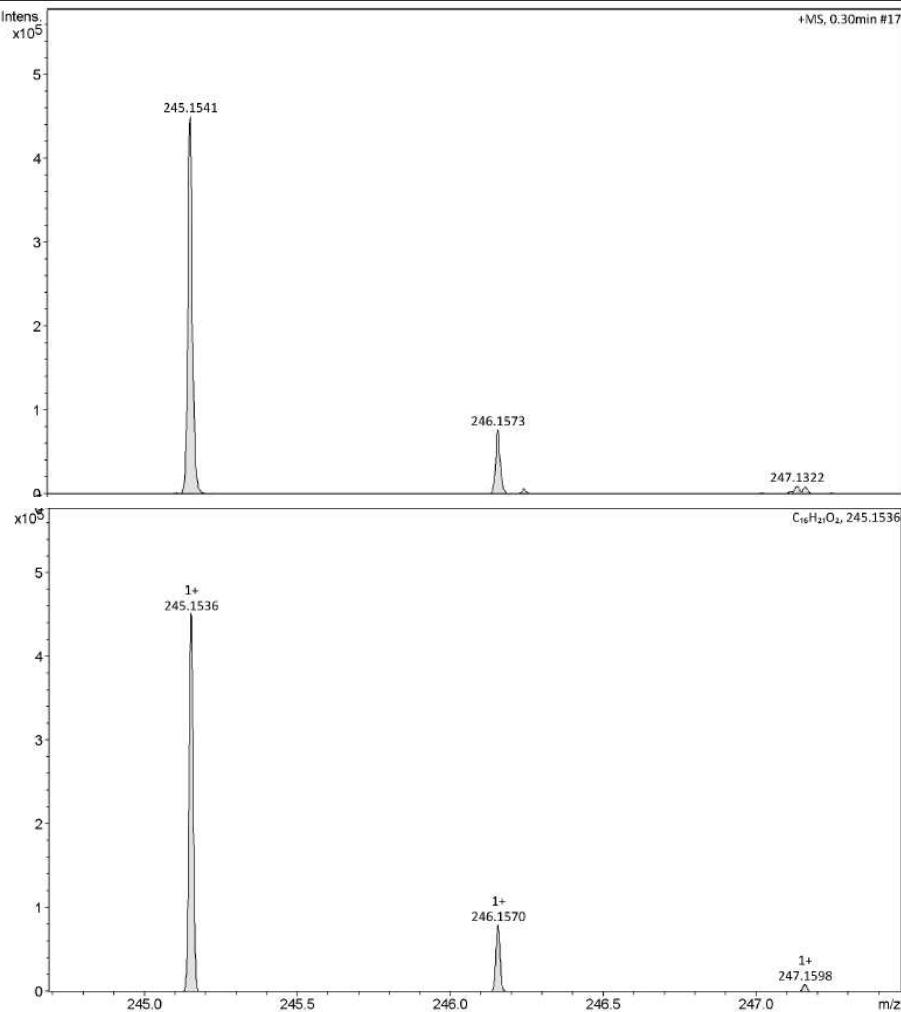


Generic Display Report

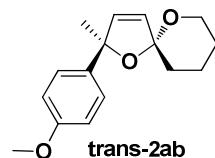
Analysis Info

Analysis Name D:\Data\201509\15092805\15092805-18_P1-B-9_01_7835.d
Method esi_pos_50-500_with calibration_for 1min.m
Sample Name 15092805-18
Comment

Acquisition Date 9/29/2015 9:28:11 AM
Operator HSJ
Instrument maXis impact



Trans-2-(4-methoxyphenyl)-2-methyl-1,6-dioxaspiro[4.5]dec-3-ene (**2ab**)

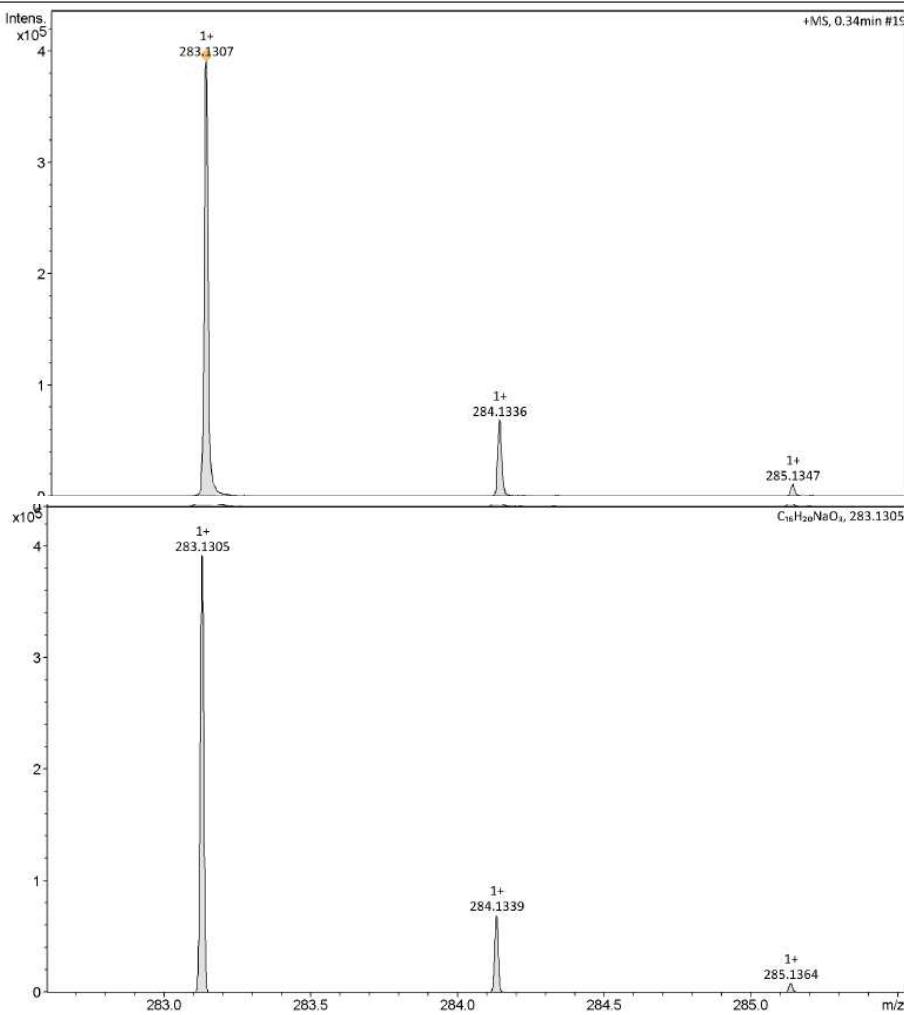


Generic Display Report

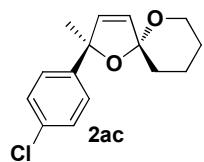
Analysis Info

Analysis Name D:\Data\201508\15082402\15082402-4_P1-A-4_01_7392.d
Method esi_pos_50-1000_with calibration_for 1min.m
Sample Name 15082402-4
Comment

Acquisition Date 8/25/2015 8:57:30 AM
Operator HSJ
Instrument maXis impact



2-(4-chlorophenyl)-2-methyl-1,6-dioxaspiro[4.5]dec-3-ene (2ac)

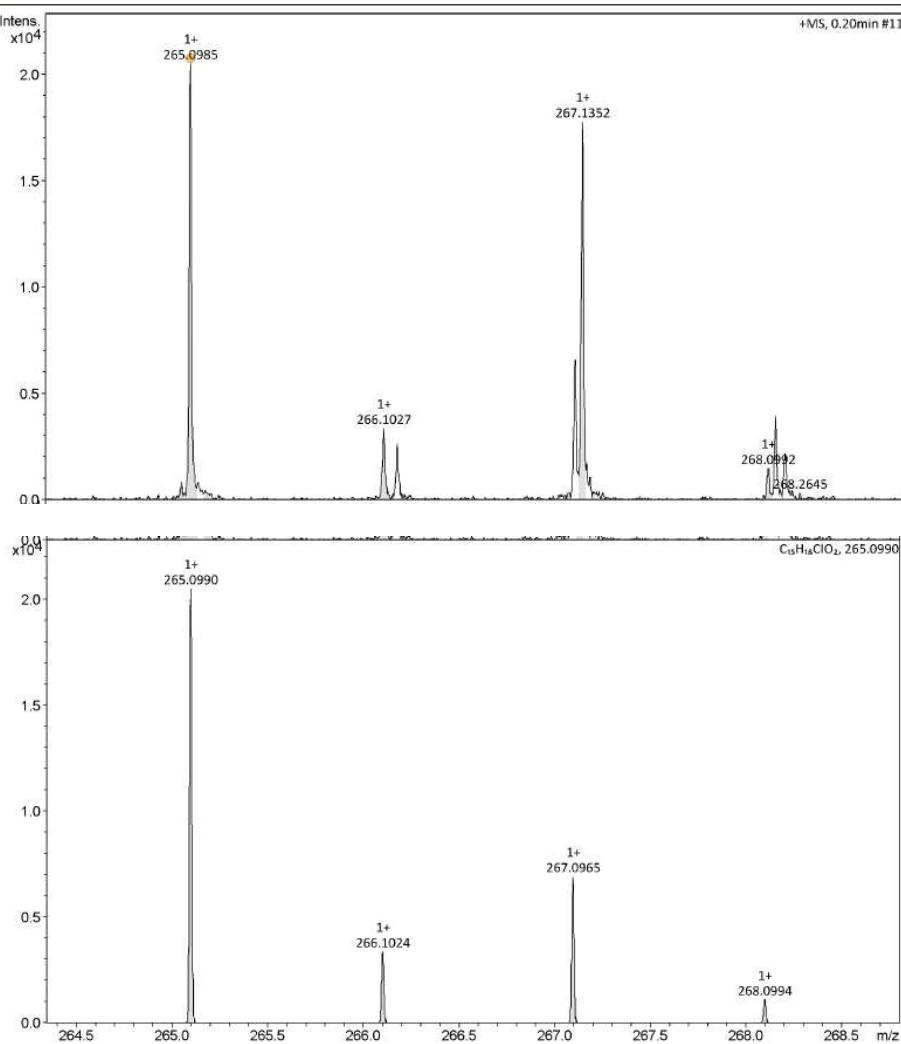


Generic Display Report

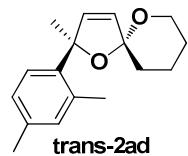
Analysis Info

Analysis Name D:\Data\201508\15082402\15082402-3_P1-A-3_01_7394.d
Method esi_pos_50-1000_with_calibration_for_1min.m
Sample Name 15082402-3
Comment

Acquisition Date 8/25/2015 9:00:42 AM
Operator HSJ
Instrument maXis impact



2-(2,4-dimethylphenyl)-2-methyl-1,6-dioxaspiro[4.5]dec-3-ene (2ad)

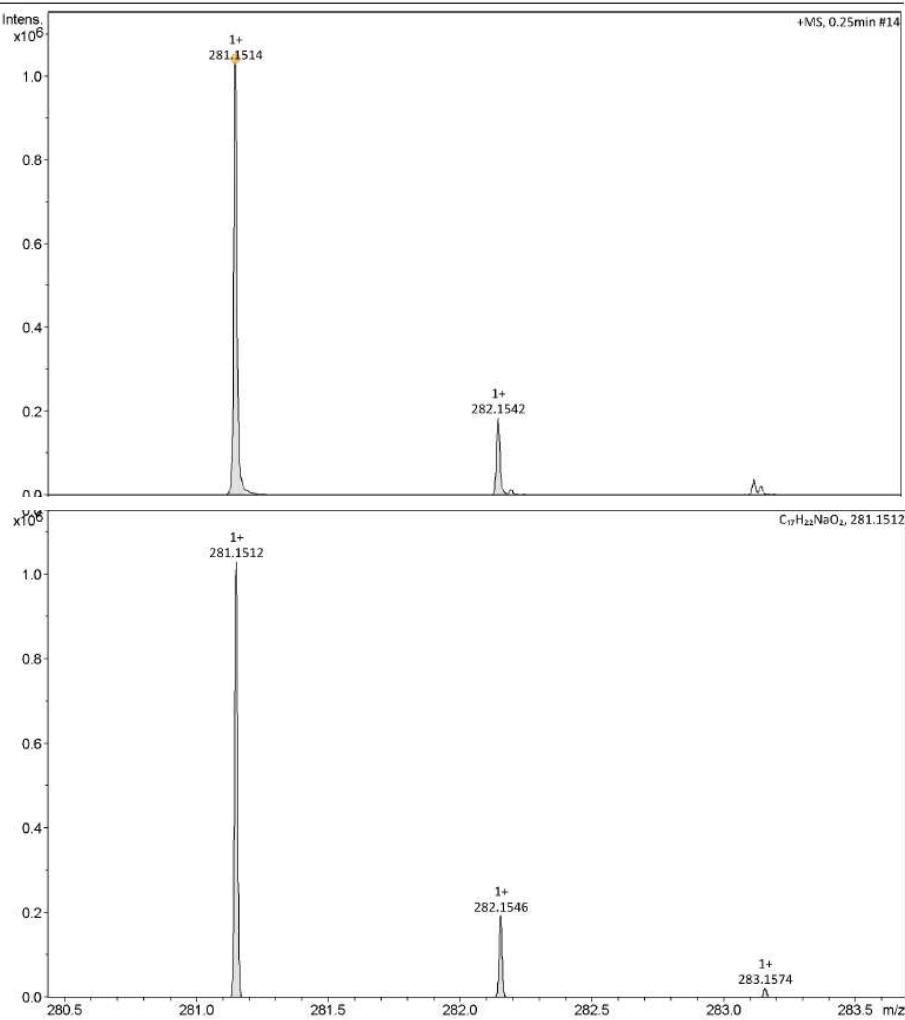


Generic Display Report

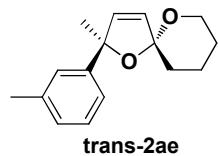
Analysis Info

Analysis Name D:\Data\201508\15082402\15082402-5_P1-A-5_01_7393.d
Method esi_pos_50-1000_with calibration_for_1min.m
Sample Name 15082402-5
Comment

Acquisition Date 8/25/2015 8:59:06 AM
Operator HSJ
Instrument maXis impact



Trans-2-methyl-2-(m-tolyl)-1,6-dioxaspiro[4.5]dec-3-ene (2ae)

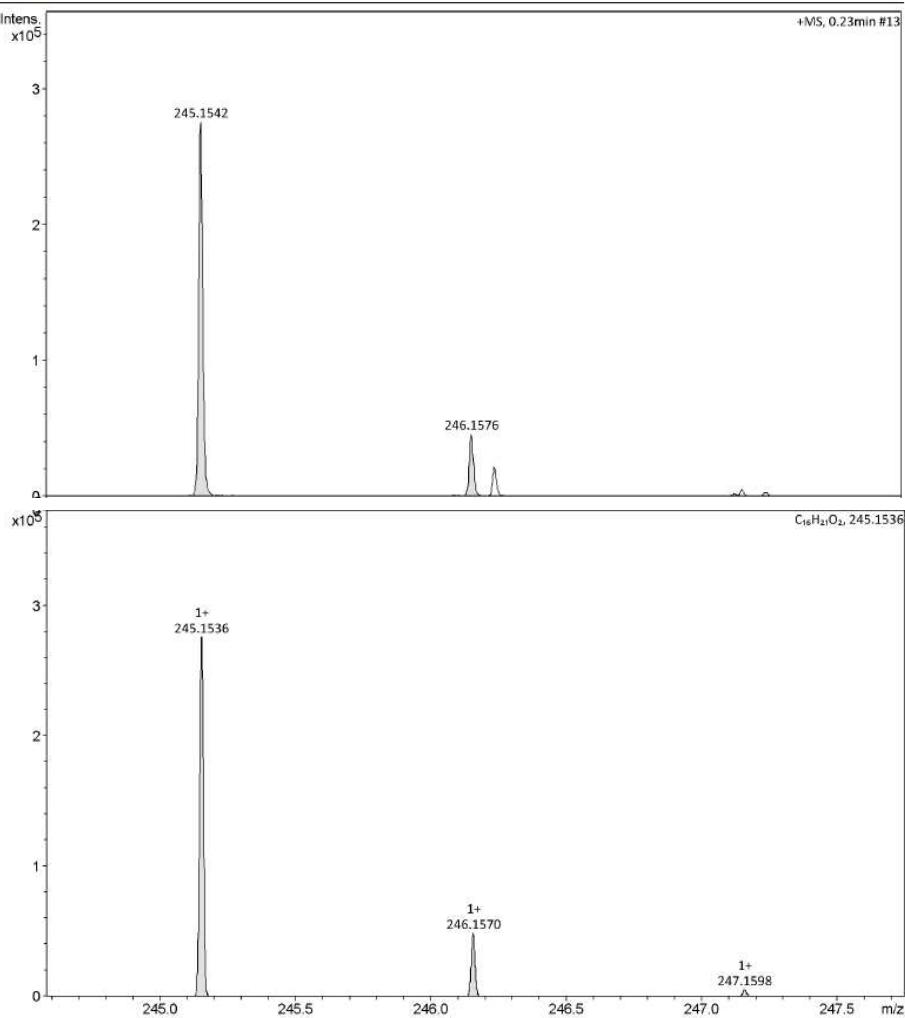


Generic Display Report

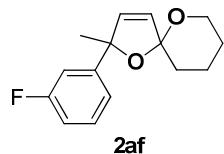
Analysis Info

Analysis Name D:\Data\201509\15092805\15092805-20_P1-C-2_01_7837.d
Method esi_pos_50-500_with calibration_for 1min.m
Sample Name 15092805-20
Comment

Acquisition Date 9/29/2015 9:31:27 AM
Operator HSJ
Instrument maXis impact



2-(3-Fluorophenyl)-2-methyl-1,6-dioxaspiro[4.5]dec-3-ene (2af)



2af

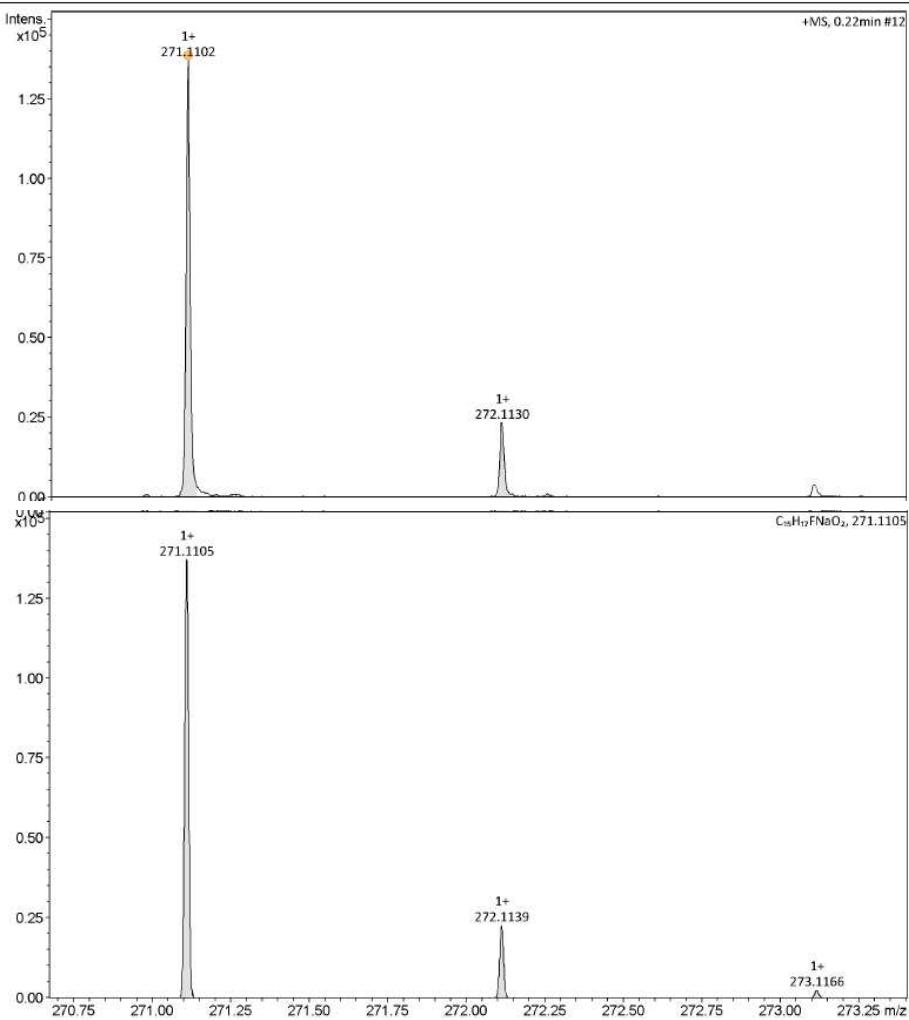
Generic Display Report

Analysis Info

Analysis Name: D:\Data\201508\15082402\15082402-7_P1-A-7_01_7396.d
Method: esi_pos_50-1000_with calibration_for 1min.m
Sample Name: 15082402-7
Comment:

Acquisition Date: 8/25/2015 9:03:57 AM

Operator: HSJ
Instrument: maXis impact



2-(3-methoxyphenyl)-2-methyl-1,6-dioxaspiro[4.5]dec-3-ene (2ag)

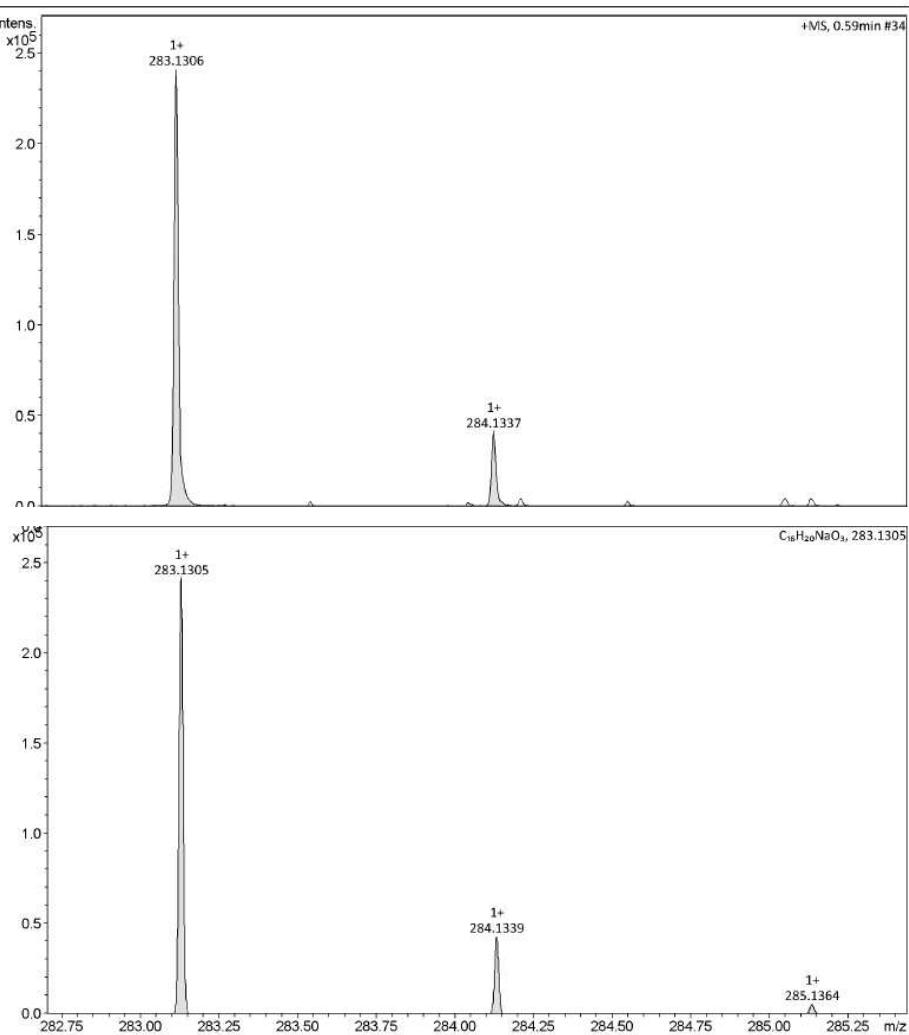


Generic Display Report

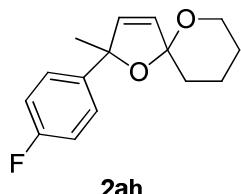
Analysis Info

Analysis Name D:\Data\201606\16060603\16060603-1_P1-A-1_01_12326.d
Method esi_pos_50-1000_with calibration_for 1min.m
Sample Name 16060603-1
Comment

Acquisition Date 6/7/2016 10:52:29 AM
Operator HSJ
Instrument maXis impact



2-(4-fluorophenyl)-2-methyl-1,6-dioxaspiro[4.5]dec-3-ene (2ah)



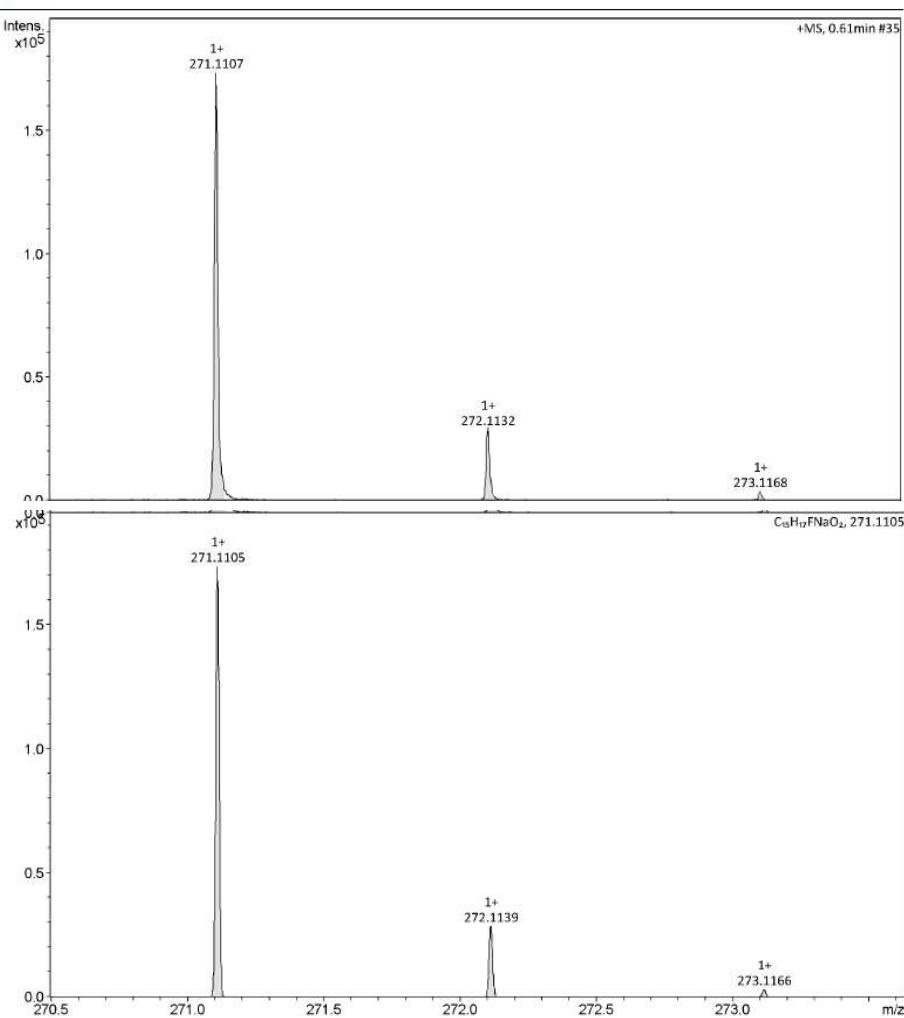
Generic Display Report

Analysis Info

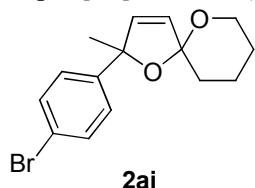
Analysis Name D:\Data\201606\16060603\16060603-2_P1-A-2_01_12327.d
Method esi_pos_50-1000_with_calibration_for_1min.m
Sample Name 16060603-2
Comment

Acquisition Date 6/7/2016 10:54:12 AM

Operator HSJ
Instrument maXis impact



2-(4-bromophenyl)-2-methyl-1,6-dioxaspiro[4.5]dec-3-ene (2ai)



2ai

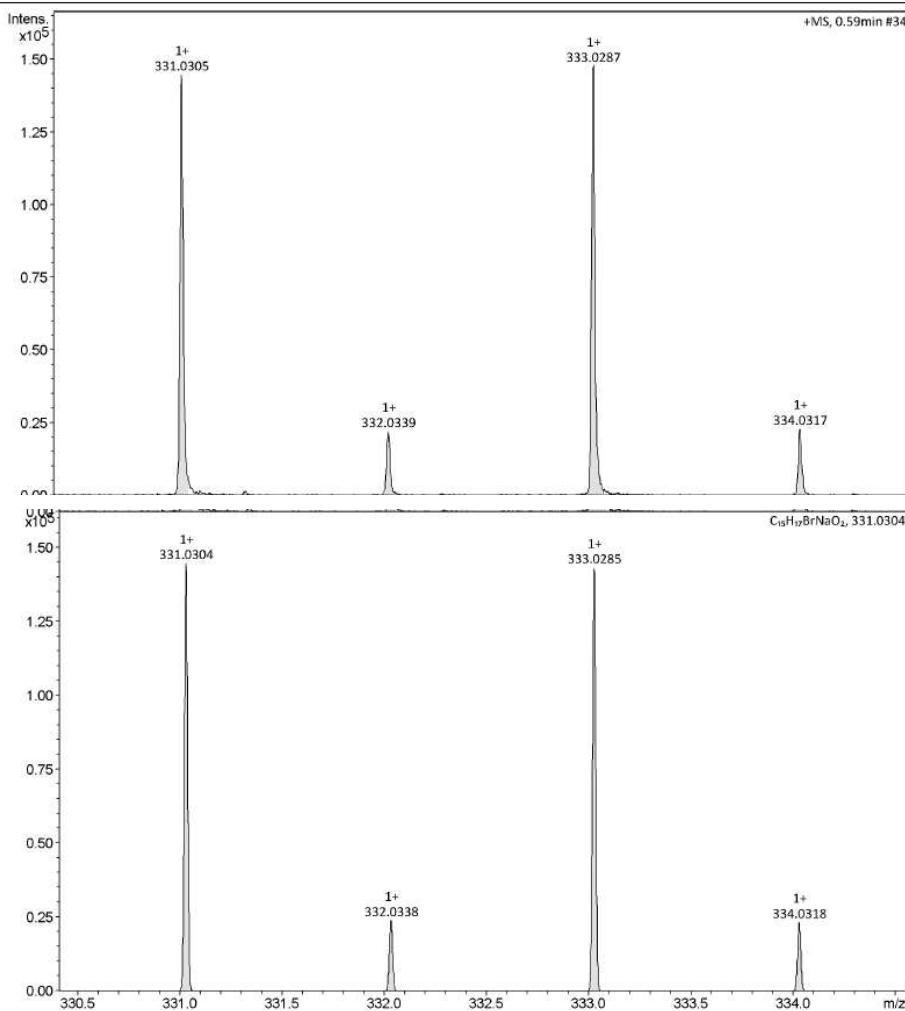
Generic Display Report

Analysis Info

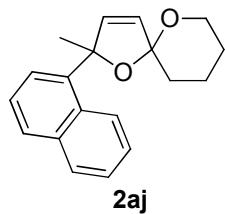
Analysis Name: D:\Data\201606\16060603\16060603-3_P1-A-3_01_12328.d
Method: esi_pos_50-1000_with calibration_for 1min.m
Sample Name: 16060603-3
Comment:

Acquisition Date: 6/7/2016 10:55:54 AM

Operator: HSJ
Instrument: maXis impact



2-methyl-2-(naphthalen-1-yl)-1,6-dioxaspiro[4.5]dec-3-ene (2aj)



2aj

Generic Display Report

Analysis Info

Analysis Name D:\Data\201606\16060603\16060603-4_P1-A-4_01_12329.d
Method esi_pos_50-1000_with calibration_for 1min.m
Sample Name 16060603-4
Comment

Acquisition Date 6/7/2016 10:57:36 AM

Operator HSJ
Instrument maXis impact

