

Current Data Parameters
NAME: R180000R
EXPNO: 10
PROCNO: 1

F2 - Acquisition Parameters

Date_ 20011113
Time 9.47
INSTRUM spect
PROBHD 5 mm BBO BB-1
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 37
DS 2
SWH 10330.578 Hz
FIDRES 0.157532 Hz
AQ 3.1719923 sec
RG 500.6
RW 48.400 usec
DE 6.00 usec
TE 300.2 K
G1 1.0000000 sec

===== CHANNEL f1 =====

NUC1 1H
P1 13.70 usec
PL1 -1.00 dB
SFO1 500.1330885 MHz

F2 - Processing parameters

SI 32768
SF 500.1330000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

1D NMR plot parameters

CK 34.00 cm
F1P 8.504 ppm
F1 4253.34 Hz
F2P 10.271 ppm
F2 -135.59 Hz
PPMCK 0.25889 ppm/cm
HZCK 123.06032 Hz/cm

2.18064
2.14698
2.13997
2.13229
2.12490
2.07173

3.21074
3.14124

4.14244
4.15673
4.56595
4.57487
4.59041
4.59935
4.63459
4.64466
4.65743
4.66819
4.78419
4.79734
4.82468
4.83611
5.25135
5.25418
5.26214
5.26500
5.40674
5.48120
5.49314
5.50601
5.52675
5.53592
5.53801
5.54747
6.24305
6.51397
6.52308
7.30680
7.46243
7.47798
7.48122
7.49390
7.49692
7.51294
7.52068
7.60374
7.61716
8.08563
8.08841
8.09204
8.10059
8.10284
8.11725
8.11922

3.4569
9.0457
3.4301

3.4551
4.5654

2.6258
3.7750
1.5714

3.0320
1.1105
1.0946

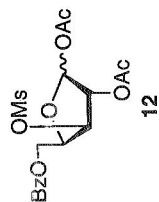
1.4375
1.0000

2.7038
5.3339

5.2834

Integral

ppm



Current Data Parameters
NAME R1800NOR
EXPNO 11
PROCNO 1

F2 - Acquisition Parameters

Date_ 20011113
Time 9.54
INSTRUM spect
PROBHD 5 mm BBO BB-1
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 1024
DS 4
SWH 31446.541 Hz
FIDRES 0.479836 Hz
AQ 1.0420724 sec
RG 8162
DM 15.900 usec
DE 6.00 usec
TE 300.0 K
D1 2.00000000 sec
D11 0.03000000 sec
D12 0.00020000 sec

===== CHANNEL f1 =====

NUC1 ¹³C
P1 8.00 usec
PL1 3.00 dB
SFO1 125.771519 MHz

===== CHANNEL f2 =====

CPDPRG2waltz16
NUC2 ¹H
P2 100.00 usec
PL2 -1.00 dB
PL12 18.80 dB
PL13 18.80 dB
SFO2 500.1320005 MHz

F2 - Processing parameters

SI 32768
SF 125.7577350 MHz
WDW EM
SSB 0
GB 0
PC 1.40

1D NMR plot parameters

FX 34.00 cm
F1P 225.024 ppm
F1 23555.14 Hz
F2 15.032 ppm
F2 -1890.40 Hz
PPM0 7.35460 ppm/cm
HZ00 924.69825 Hz/cm

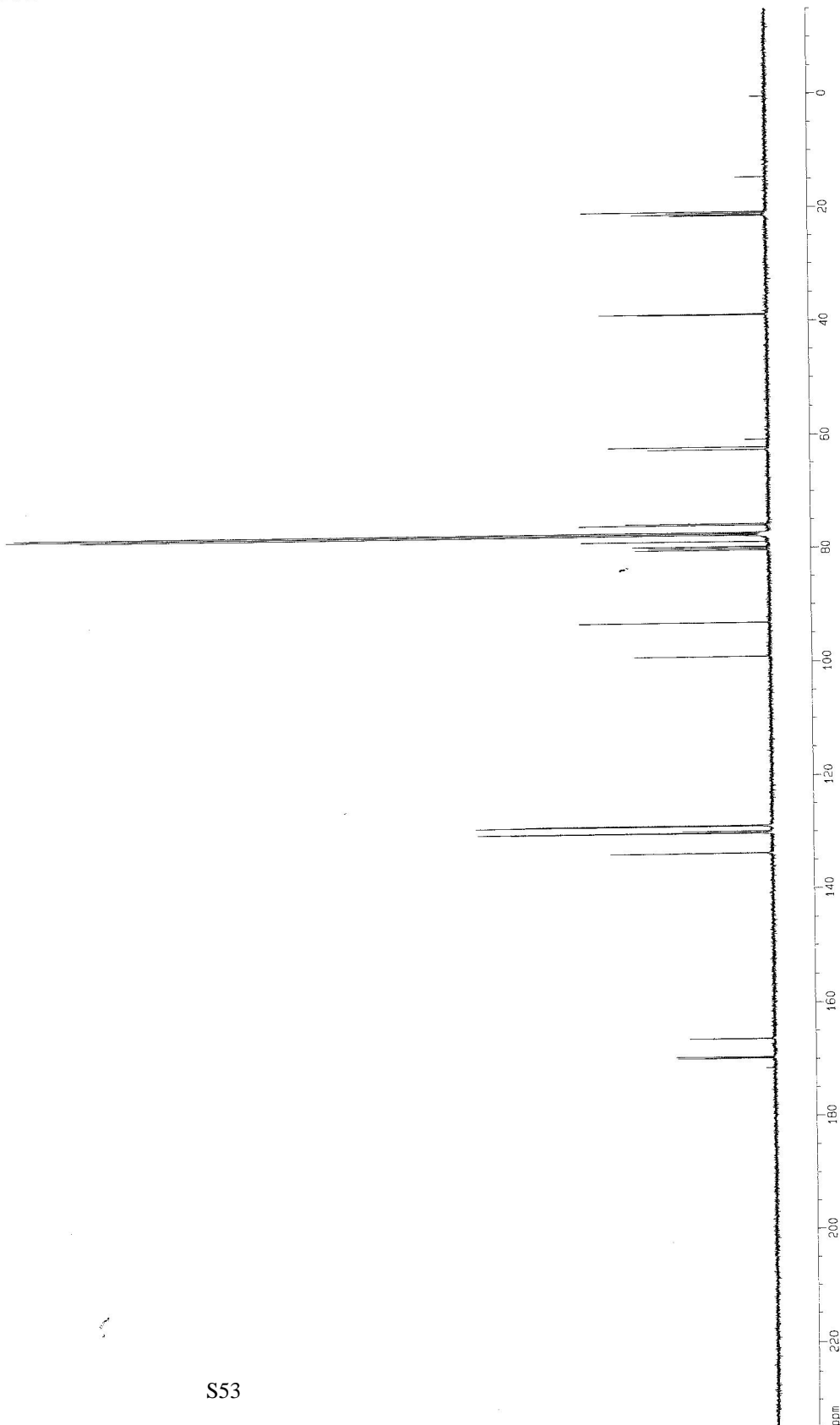
21.432
21.280
21.007
20.756

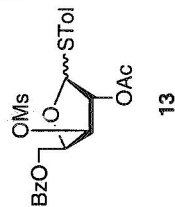
38.957
38.815

99.084
93.185
80.342
80.030
79.738
78.839
77.751
77.496
77.242
75.931
75.691
62.622
62.156

133.820
133.740
130.256
130.160
129.906
129.859
128.984
128.667

169.885
169.870
169.714
169.588
166.443
166.360





2.38277
2.37280
2.25096
2.17588

3.16451
3.09948

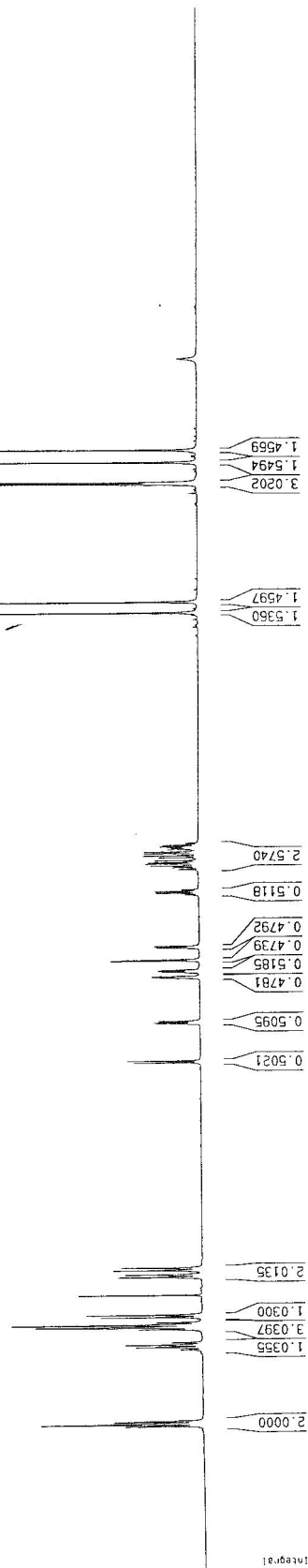
8.13443
8.13203
8.11820
8.11526
8.10414
8.10147
7.63192
7.61699
7.52221
7.50720
7.49426
7.47731
7.44528
7.42908
7.30699
7.19596
7.18021
7.15454
7.13875
5.89100
5.87974
5.65469
5.64903
5.64344
5.63777
5.37140
5.36823
5.33418
5.27365
5.26691
5.19752
5.19438
5.18853
5.18537
4.96639
4.85592
4.69987
4.68738
4.67839
4.66689
4.63856
4.62419
4.61547
4.61289

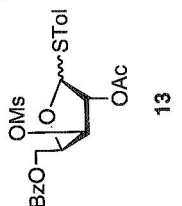
Current Data Parameters
NAME antonio
EXPNO 11
PROCNO 1
F2 - Acquisition Parameters
Date_ 20020803
Time 12.12
INSTRUM spect
PROBHD 5 mm BBO BB-1
PULPROG zg30
TO 65536
SOLVENT CDCl3
NS 64
DS 2
SWH 10330.378 Hz
FIDRES 0.157632 Hz
AQ 3.1719923 sec
RG 228.1
DW 48.400 usec
DE 6.00 usec
TE 300.0 K
D1 1.00000000 sec

===== CHANNEL f1 =====
NUC1 1H
P1 14.25 usec
PL1 -1.00 dB
SF01 500.1330895 MHz

F2 - Processing parameters
SI 131072
SF 500.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

1D NMR plot parameters
CX 34.00 cm
FIP 9.000 ppm
F1 4501.17 Hz
F2P -0.500 ppm
F2 -250.07 Hz
PPMCM 0.27941 ppm/cm
HZCM 133.74220 Hz/cm





21.588
21.565
21.131

39.008
38.895

61.758
62.264

75.655
77.297
77.551
77.806
78.098
78.868
80.860
81.209
81.517
89.796
89.864

128.809
128.859
128.916
129.616
130.004
130.218
130.301
130.324
133.445
133.684
133.744
134.233
138.712
139.201

166.413
166.512
169.927
170.000

Current Data Parameters
NAME R1800000R
EXPNO 31
PROCNO 1

F2 - Acquisition Parameters
Date_ 20011113

Time 13.40

INSTRUM spect

PROBHD 5 mm BBO BB-1

PULPROG zgpg30

TD 65536

SOLVENT CDCl3

NS 325

DS 4

SWH 31446.541 Hz

FIDRES 0.77826 Hz

AQ 1.0420724 sec

RG 1588

DM 15.800 usec

DE 6.00 usec

TE 300.2 K

IE 2.00000000 sec

011 0.03000000 sec

012 0.00000000 sec

===== CHANNEL f1 =====

NUC1 13C

P1 8.00 usec

PL1 3.00 dB

SFO1 125.7715719 MHz

===== CHANNEL f2 =====

CPDPRG2 waltz16

NUC2 1H

P2 100.00 usec

PL2 -1.00 dB

PL12 18.80 dB

PL13 18.80 dB

SFO2 500.1320053 MHz

F2 - Processing parameters

SF 32768

SF 125.7577350 MHz

WDW EM

SSB 0

LB 1.00 Hz

GB 0

PC 1.40

10 NMR plot parameters

CX 34.00 cm

F1P 175.640 ppm

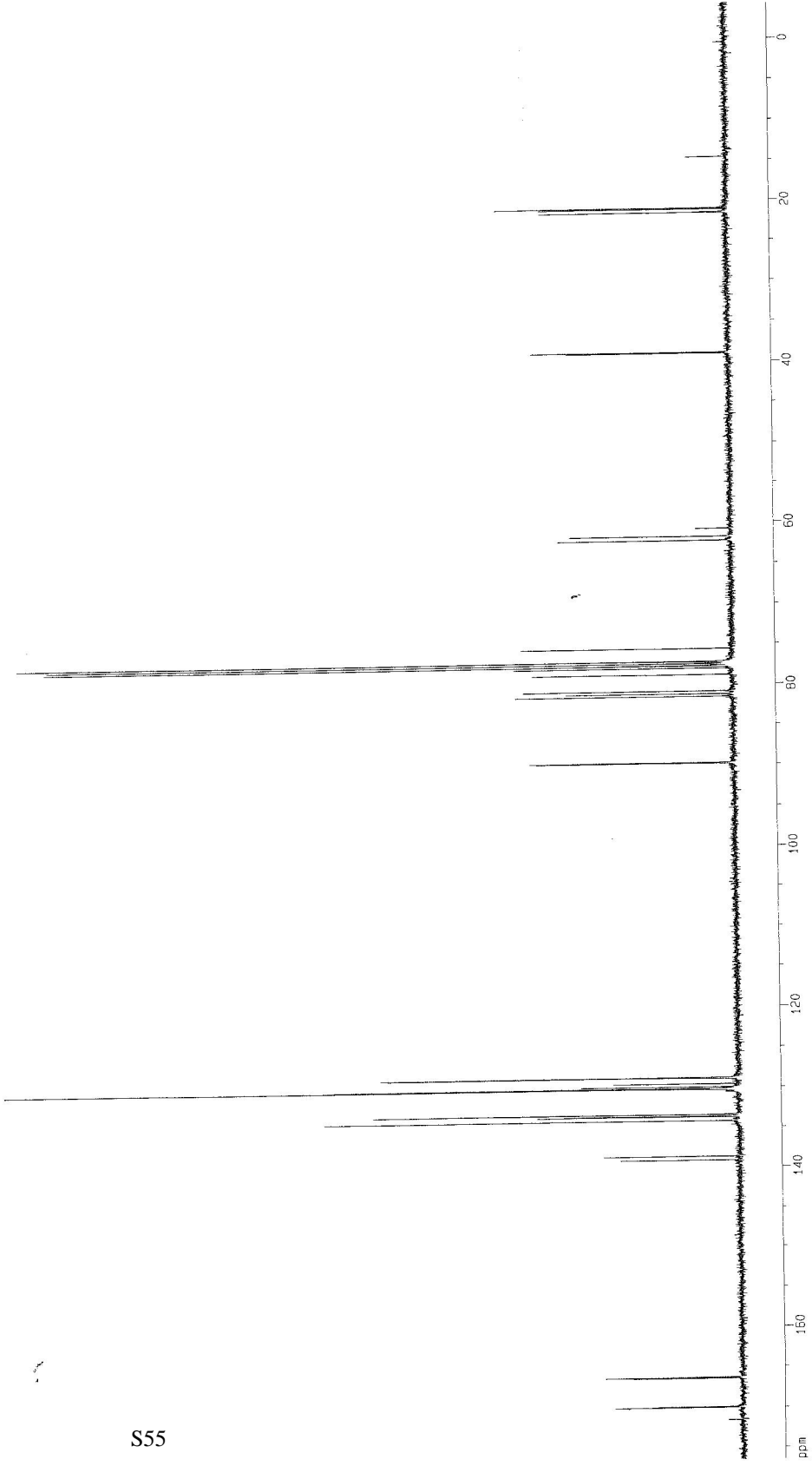
F1 22213.83 Hz

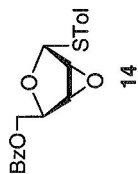
F2P -4.494 ppm

F2 -365.21 Hz

PPMCM 5.32748 ppm/cm

HZCM 689.97186 Hz/cm





Current Data Parameters
NAME CALLAM
EXPNO 50
PROCNO 1

F2 - Acquisition Parameters
Date_ 20020227
Time 15:19
INSTRUM spect
PROBHD 5 mm BBO BB-1
PULPROG zg30
TO 65536
SOLVENT CCl3
NS 19
DS 2
SWH 10330.378 Hz
FIDRES 0.157632 Hz
AQ 3.1719923 sec
RG 50.5
DM 48.400 usec
DE 6.00 usec
TE 300.0 K
D1 1.0000000 sec

===== CHANNEL f1 =====
NUC1 1H
P1 13.70 usec
PL1 -1.00 dB
SF01 500.1300895 MHz

F2 - Processing parameters
SI 32768
SF 500.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

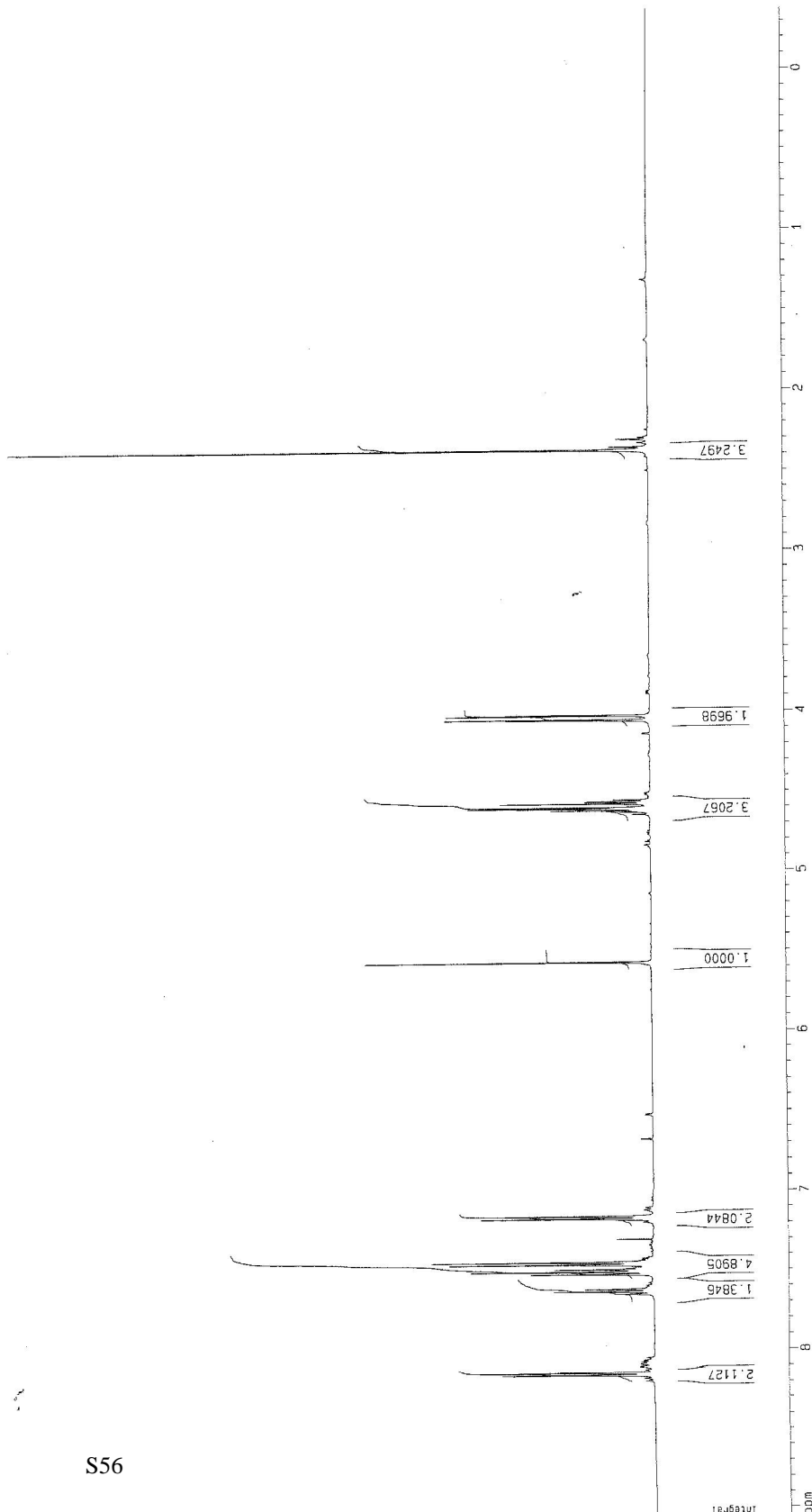
10 NMR plot parameters
CX 34.00 cm
FJP 9.057 ppm
F1 4529.57 Hz
F2 -0.382 ppm
F2 -190.95 Hz
PPMCM 0.27751 ppm/cm
HZCM 138.83875 Hz/cm

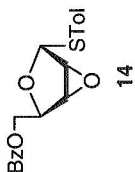
2.37892
2.35984

4.62670
4.61556
4.61255
4.60538
4.58226
4.57150
4.56775
4.55741
4.05885
4.05354
4.03131
4.02594

5.57798

8.16079
8.14859
8.14179
7.65533
7.64045
7.62776
7.62552
7.53151
7.51681
7.50340
7.50048
7.45985
7.45363
7.30657
7.17886
7.15283





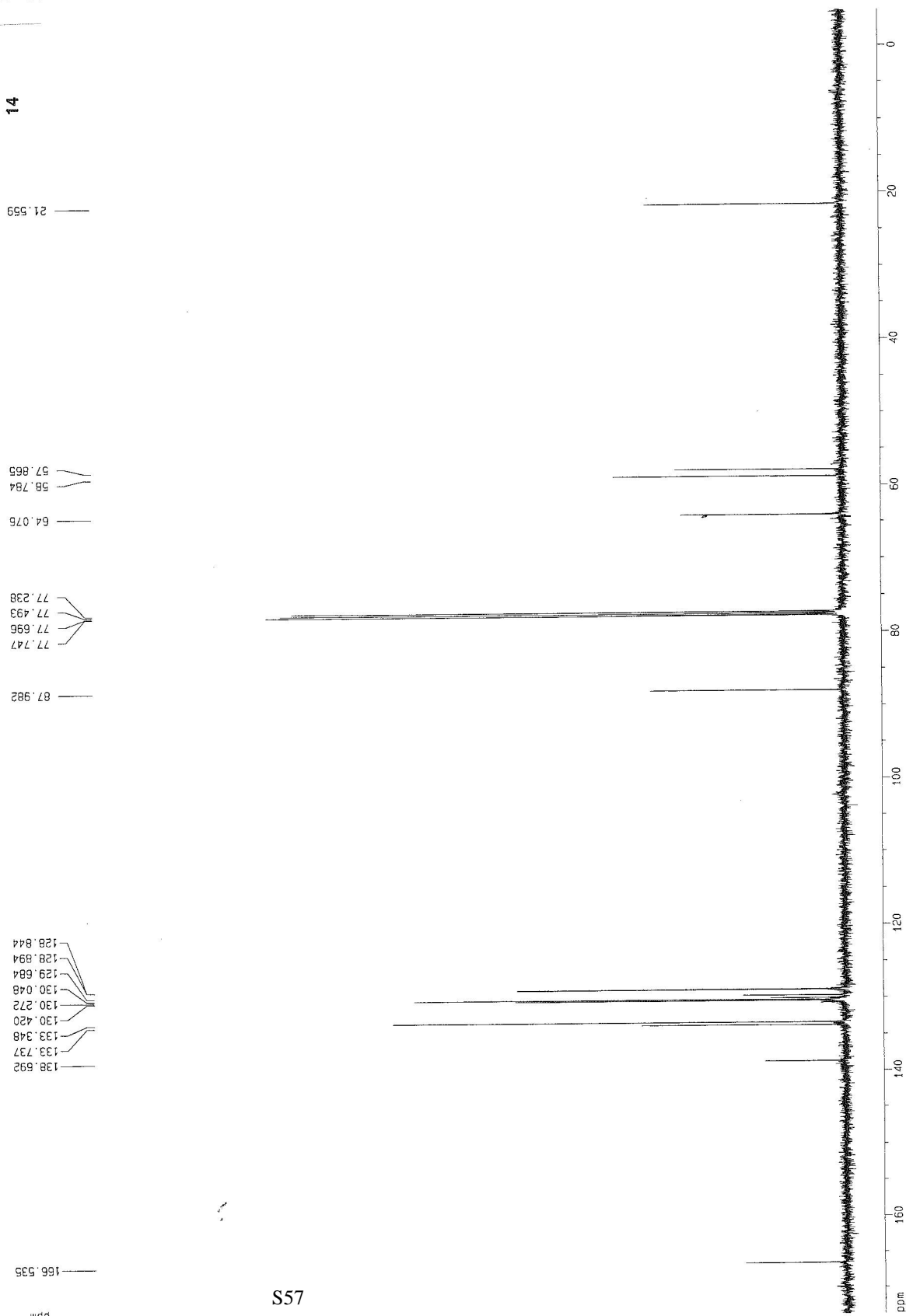
Current Data Parameters
 NAME CALLAW
 EXNO 51
 PRGNO 1

F2 - Acquisition Parameters
 Date_ 20030327
 Time 15.22
 INSTRM spect
 PROBRD 5 mm BBO BB-1
 PULPROG zgpg30
 TO 4.99330
 DELTAT 0.00536
 SOLVENT CDCl3
 NS 4
 DS 4
 SWH 31445.541 Hz
 FIDRES 0.479535 Hz
 AQ 1.0420724 sec
 RG 6584
 RW 15.900 usec
 DE 5.00 usec
 TE 300.0 K
 D1 2.0000000 sec
 D11 0.0300000 sec
 D12 0.0002000 sec

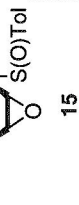
===== CHANNEL f1 =====
 NUC1 ¹³C
 P1 8.00 usec
 PL1 3.00 dB
 SF01 125.7715719 MHz

===== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 ¹H
 P2 100.00 usec
 PL2 1.00 dB
 PL12 19.80 dB
 PL13 19.80 dB
 SF02 500.1320005 MHz

F2 - Processing parameters
 S1 32768
 SF 125.7577390 MHz
 N0 0
 N1 0
 N2 0
 N3 0
 N4 0
 N5 0
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 N8 0
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Current Data Parameters
 NAME 02-10-01
 EXNO 10
 PROCNO 1

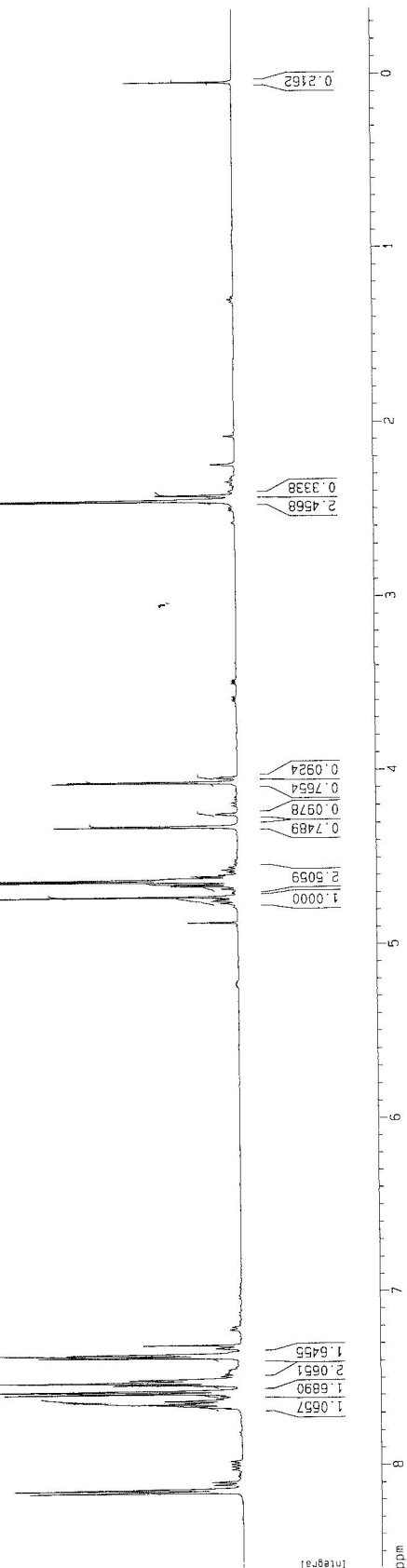


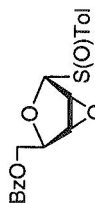
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4.87087
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4.62209
4.61507
4.60378
4.51773
4.31347
4.06836
4.06326

8.14646
8.13053
7.65832
7.64361
7.62983
7.58630
7.57230
7.53578
7.52097
7.50807
7.50490
7.37509
7.35992
7.30638

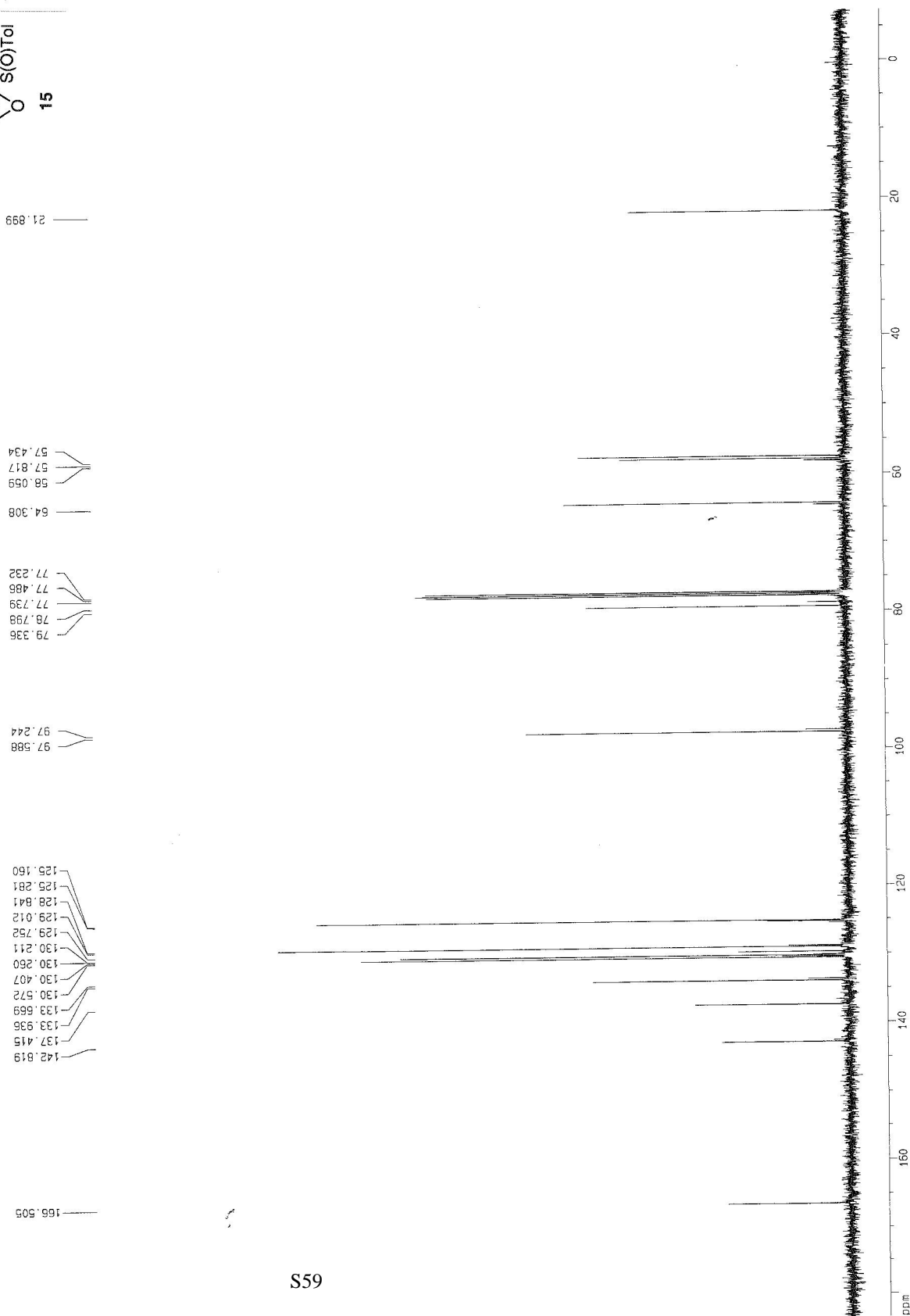
===== CHANNEL f1 =====
 NUC1 1H
 P1 13.70 usec
 PL1 -1.00 dB
 SF01 500.1330895 MHz
 F2 - Processing parameters
 SI 32768
 SF 500.1330895 MHz
 NDM EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00
 1D NMR plot parameters
 CX 34.00 cm
 F1P 6.507 ppm
 F1 4304.57 Hz
 F2P -0.374 ppm
 F2 -187.18 Hz
 PPMCM 0.26417 ppm/cm
 HZCM 132.11905 Hz/cm

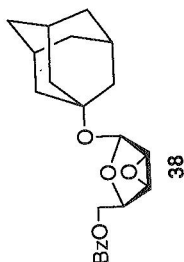




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Current Data Parameters
 NAME 02-10-01
 EXPNO 11
 PROCNO 1
 F2 - Acquisition Parameters
 Date_ 20010210
 Time 7.29
 INSTRUM spect
 PROBHD 5 mm BBO BB-1
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 114
 DS 4
 SWH 31446.541 Hz
 FIDRES 0.479636 Hz
 AQ 1.0420724 sec
 RG 8192
 DW 15.900 usec
 DE 6.00 usec
 TE 300.0 K
 D1 2.00000000 sec
 D11 0.03000000 sec
 D12 0.00020000 sec
 ===== CHANNEL f1 =====
 NUC1 13C
 P1 8.00 usec
 PL1 3.00 dB
 SF01 125.771519 MHz
 ===== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 100.00 usec
 PL2 -1.00 dB
 PL12 18.80 dB
 PL13 18.80 dB
 SF02 500.1320005 MHz
 F2 - Processing parameters
 SI 32768
 SF 125.7577390 MHz
 KM EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40
 1D NMR plot parameters
 CX 34.00 cm
 F1P 183.260 ppm
 F1 23046.39 Hz
 F2P -7.363 ppm
 F2 -926.00 Hz
 PPM0M 5.60558 ppm/cm
 HZCM 205.07025 Hz/cm





Current Data Parameters
NAME 12-15-00
EXPNO 30
PROCNO 1

F2 - Acquisition Parameters
Date 2001215
Time 7.24
INSTRUM spect
PROBHD 5 mm BBO BB-1
PULPROG zg30
TO 65536
SOLVENT CDCl3
NS 23
DS 2
SWH 10330.578 Hz
FIDRES 0.157632 Hz
AQ 3.1719923 sec
RG 35.9
DM 48.400 usec
DE 6.00 usec
TE 300.0 K
D1 1.0000000 sec

===== CHANNEL f1 =====
NUC1 1H
P1 13.70 usec
PL1 -1.00 dB
SFO1 500.1330885 MHz

F2 - Processing parameters
SI 32768
SF 500.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

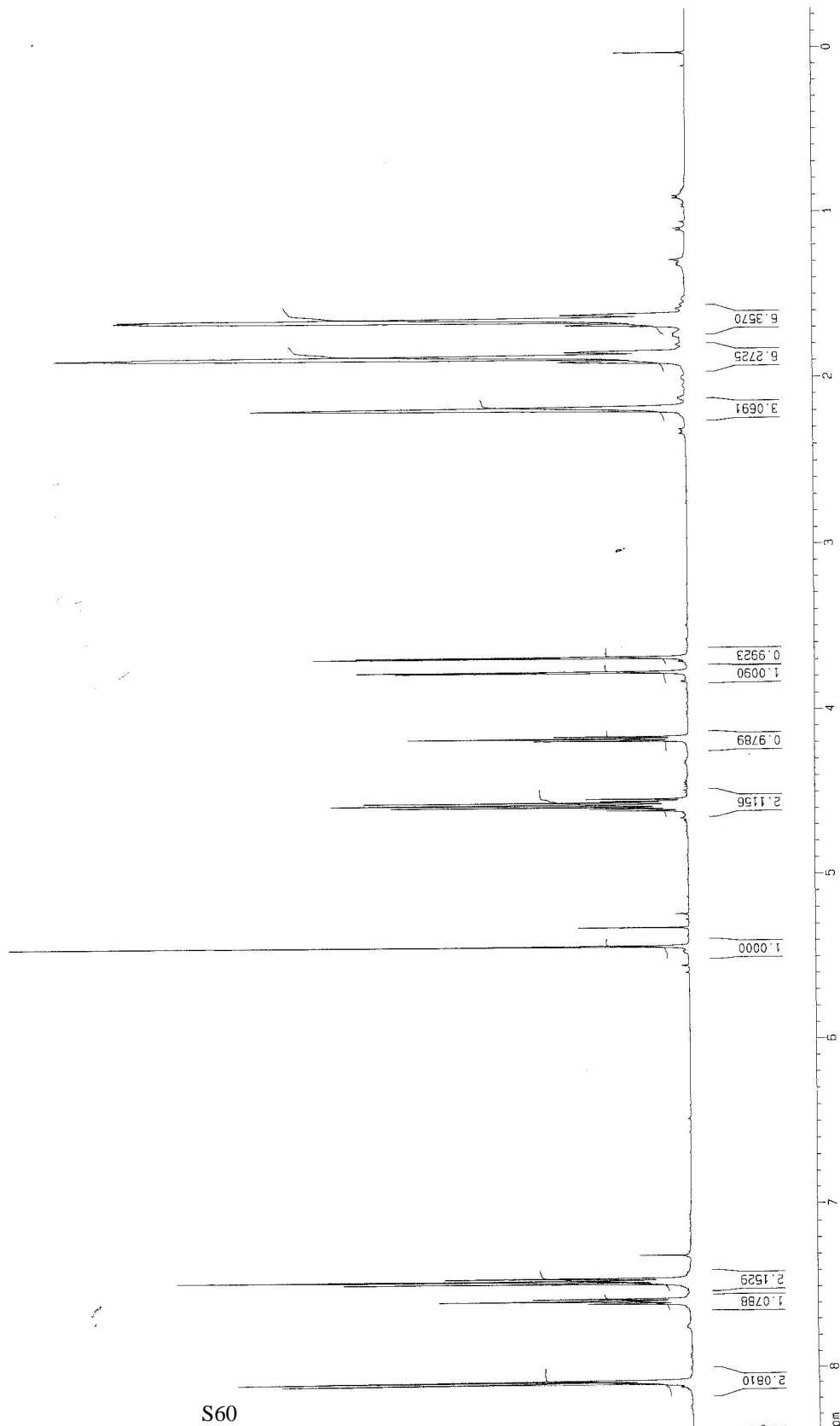
1D NMR plot parameters
CX 34.00 cm
F1P 8.427 ppm
F1 4214.35 Hz
F2P -0.239 ppm
F2 -119.29 Hz
PPM0 0.25465 ppm/cm
HZCM 127.45984 Hz/cm

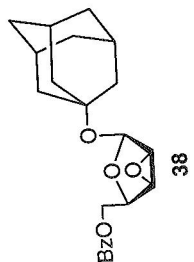
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1.88199
1.87553
1.86899
1.84546
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1.65209
1.64587
1.62063

4.61321
4.60140
4.59124
4.57925
4.57658
4.56290
4.55449
4.54091
4.18892
4.17583
4.16364
3.77574
3.76995
3.68754
3.68174

5.43588
5.32089

8.09600
8.09438
8.08017
8.0742
7.60223
7.60012
7.58746
7.57474
7.57252
7.47948
7.46380
7.44835
7.30646





Current Data Parameters
NAME 12-15-00
EXPNO 31
PROCNO 1

F2 - Acquisition Parameters

Date_ 20011215
Time 7:27
INSTRUM spect
PROBHD 5 mm BBO BB-1
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 28
DS 4
SWH 31446.541 Hz
FIDRES 0.475935 Hz
AQ 1.042024 sec
RG 4096
DM 15.500 usec
DE 6.00 usec
TE 300.0 K
D1 2.00000000 sec
D11 0.03000000 sec
D12 0.00002000 sec

===== CHANNEL f1 =====

NUC1 13C
P1 8.00 usec
PL1 3.00 dB
SF01 125.7715719 MHz

===== CHANNEL f2 =====

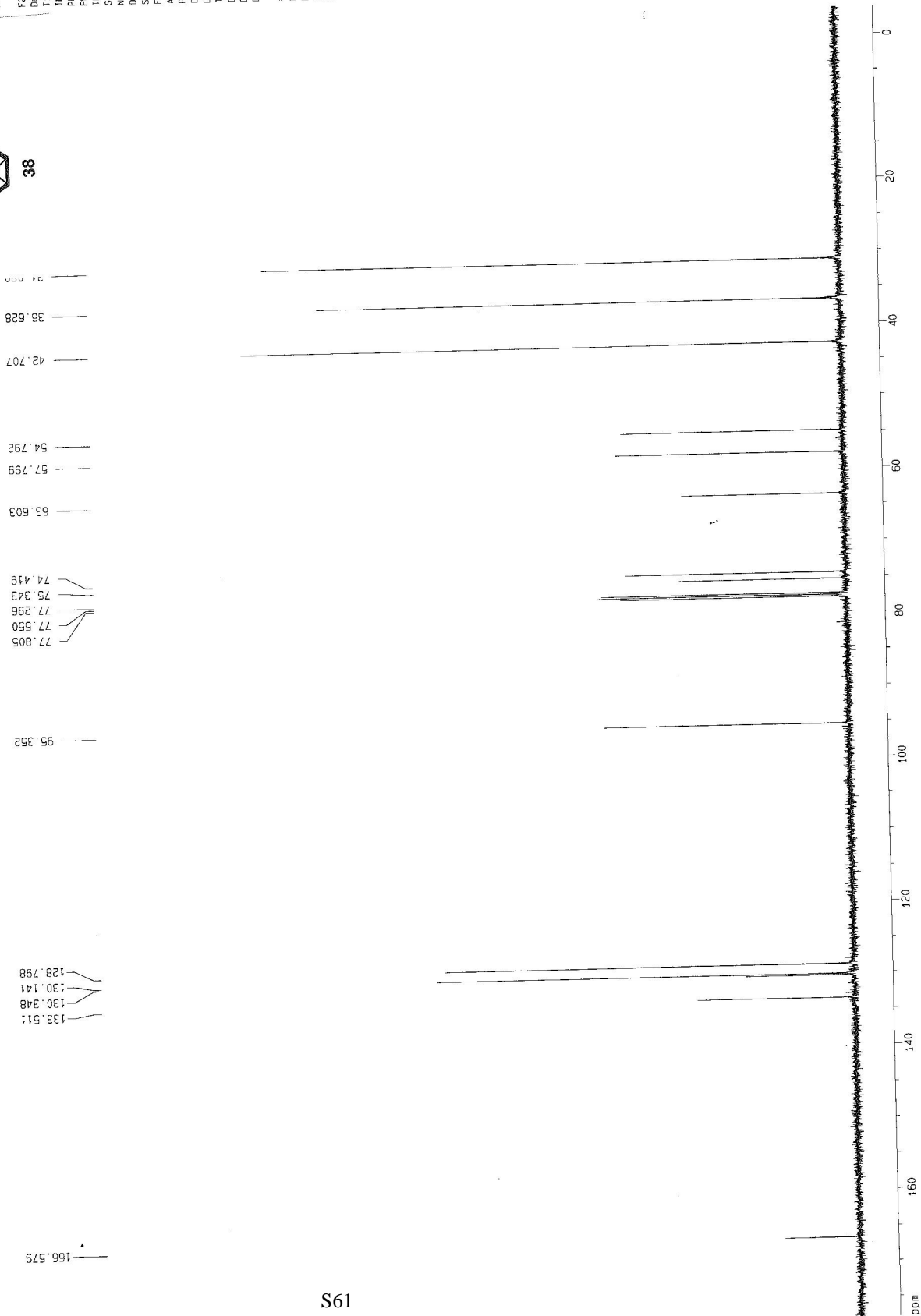
CPDPRG2 waltz16
NUC2 1H
PCPD2 100.00 usec
PL2 -1.00 dB
PL12 18.80 dB
PL13 18.80 dB
SF02 500.1350005 MHz

F2 - Processing parameters

SF 32768
SF 125.7577390 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

1D NMR plot parameters

CX 34.00 cm
F1P 177.783 ppm
F1 22357.53 Hz
F2P -3.803 ppm
F2 -478.24 Hz
PPMCM 5.34075 ppm/cm
HZCM 671.64020 Hz/cm



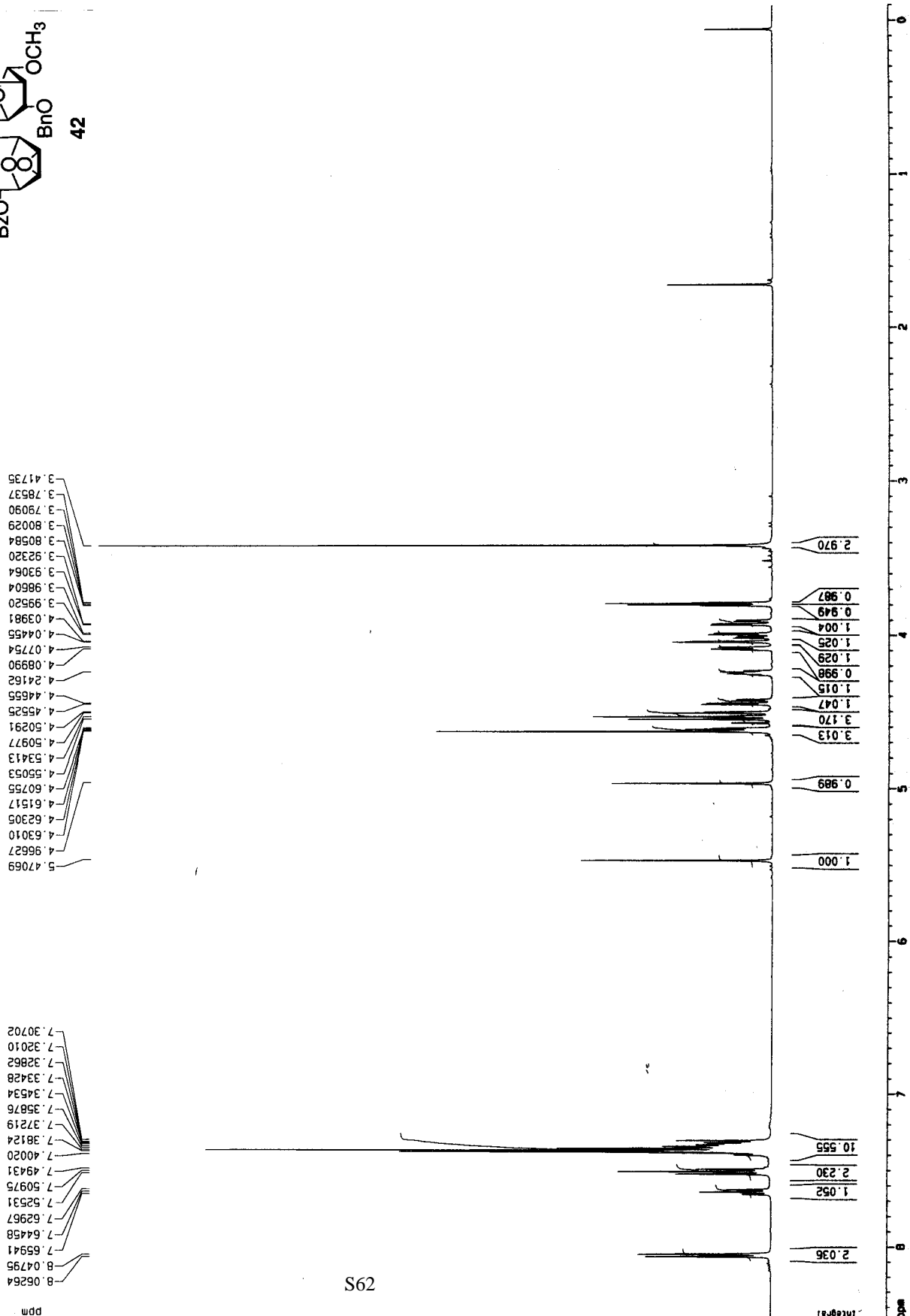
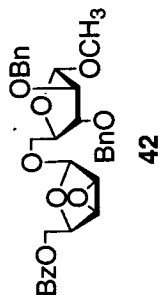
Current Data Parameters
 NAME 6-25-01-2
 EXPNO 1
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20010625
 Time 14.11
 INSTRUM spect
 PROBHD 5 mm BBO BB-1
 PULPROG zg30
 TO 65536
 SOLVENT CDCl3
 NS 15
 DS 2
 SWH 10330.578 Hz
 FIDRES 0.157632 Hz
 AQ 3.1719823 sec
 RG 80.6
 DW 48.400 usec
 DE 6.00 usec
 TE 300.0 K
 D1 1.00000000 sec

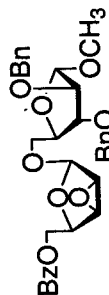
***** CHANNEL f1 *****
 NUCl 1H
 P1 13.70 usec
 PL1 -1.00 dB
 SF01 500.1300885 MHz

F2 - Processing parameters
 SI 32768
 SF 500.1300000 MHz
 MDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

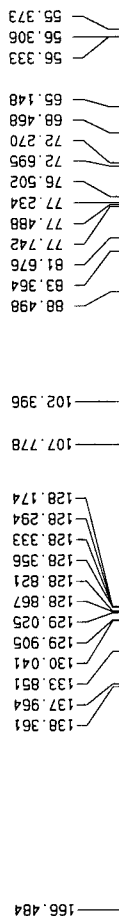
1D NMR plot parameters
 CX 34.00 cm
 F1P 8.477 ppm
 F1 4239.84 Hz
 F2P -0.102 ppm
 F2 -50.95 Hz
 PPRCH 0.25233 ppm/cm
 HZCH 126.19930 Hz/cm



disaccharide epoxide



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Current Data Parameters
 NAME 6-25-01-2
 EXPNO 2
 PROCNO 1

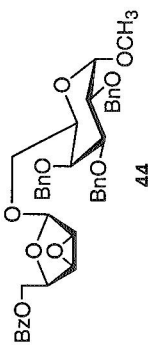
F2 - Acquisition Parameters
 Date_ 20010625
 Time 14.17
 INSTRUM spect
 PROBHD 5 mm BBO BB-1
 PULPROG zgpg30
 TO 85536
 SOLVENT CDCl3
 NS 161
 DS 4
 SWH 31446.541 Hz
 FIDRES 0.475936 Hz
 AQ 1.0420724 sec
 RG 8192
 DM 15.900 usec
 DE 6.00 usec
 TE 300.0 K
 D1 2.00000000 sec
 D11 0.03000000 sec
 D12 0.00002000 sec

***** CHANNEL f1 *****
 NUC1 13C
 P1 8.00 usec
 PL1 3.00 dB
 SF01 125.771519 MHz

***** CHANNEL f2 *****
 CDPRG2 waltz16
 NUC2 1H
 PCPQ2 100.00 usec
 PL2 -1.00 dB
 PL12 18.80 dB
 PL13 18.80 dB
 SF02 500.1320005 MHz

F2 - Processing parameters
 SI 32768
 SF 125.7577590 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

1D NMR plot parameters
 CX 34.00 cm
 F1P 215.000 ppm
 F1 27037.32 Hz
 F2P -5.000 ppm
 F2 -628.79 Hz
 PPMCH 6.47059 ppm/cm
 HZCM 813.72650 Hz/cm



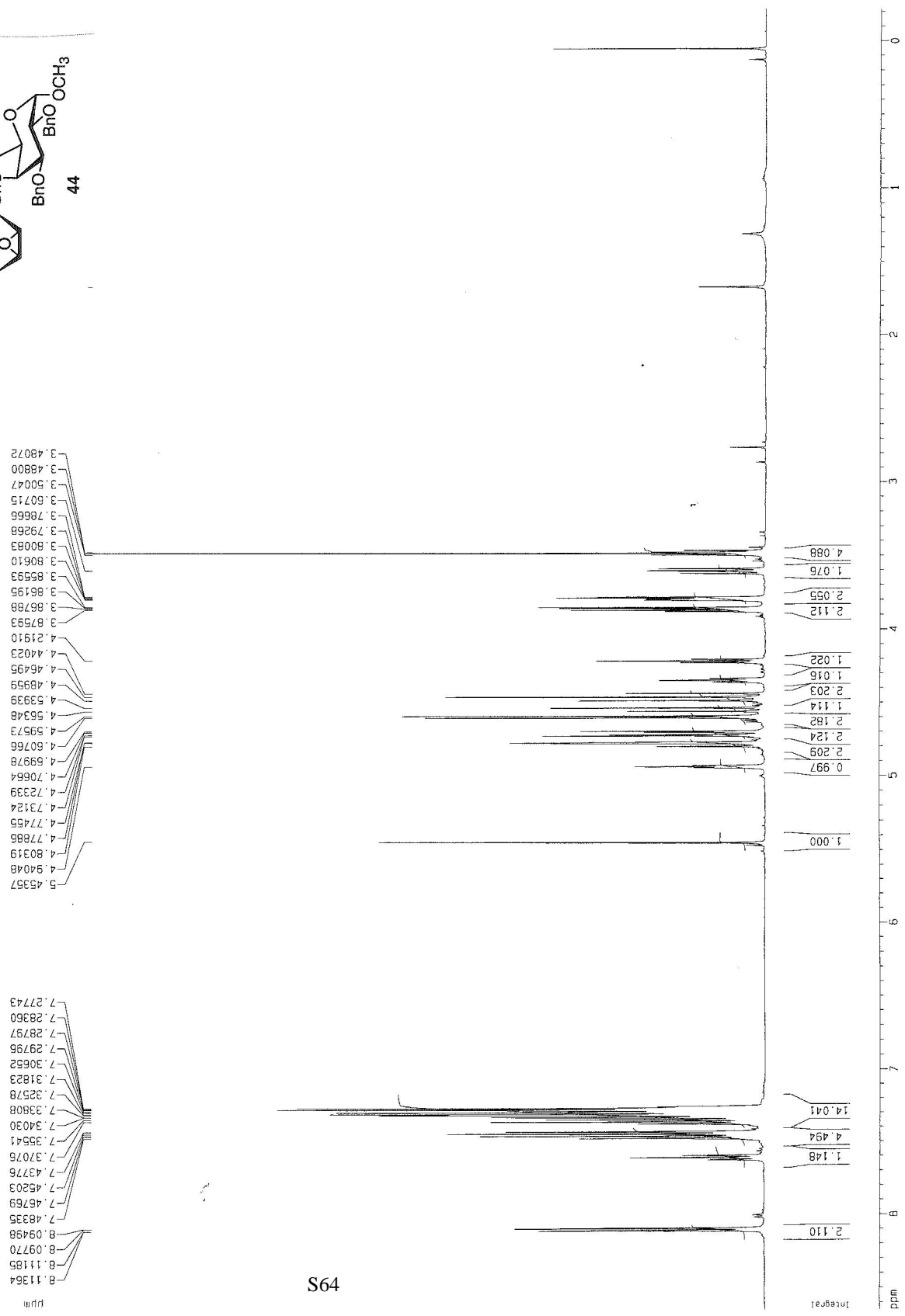
Current Data Parameters
 NAME 12-7-00
 EXPNO 50
 PROCNO 1

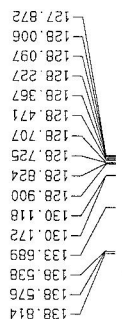
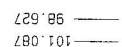
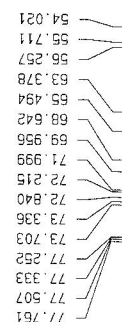
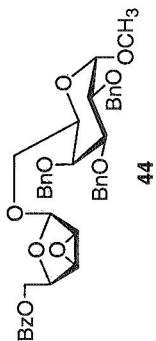
F2 - Acquisition Parameters
 Date_ 2001207
 Time 18.39
 INSTRUM spect
 PULPROG 5 mm BBO BB-1
 TO 6536
 SOLVENT CDCl3
 NS 17
 DS 2
 SWH 10330.578 Hz
 FIDRES 0.157632 Hz
 AQ 3.1719923 sec
 RG 128
 DW 48.400 usec
 DE 6.00 usec
 TE 300.0 K
 D1 1.00000000 sec

===== CHANNEL f1 =====
 NUC1 1H
 P1 13.70 usec
 PL1 -1.00 dB
 SF01 500.1330085 MHz

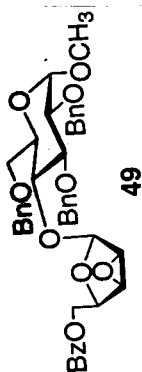
F2 - Processing parameters
 SI 32768
 SF 500.1330000 MHz
 RGW EM
 SSF 0
 LB 0.30 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 34.00 cm
 FIP 8.653 ppm
 F1 4327.50 Hz
 F2 -0.216 ppm
 F2 -107.98 Hz
 FPMCM 0.26084 ppm/cm
 HZCM 130.45508 Hz/cm





Current Data Parameters
 NAME 12-7-00
 EXPNO 11
 PROCNO 1
 F2 - Acquisition Parameters
 Date_ 20001207
 Time 8.12
 INSTRUM spect
 PROBHD 5 mm BBO BB-1
 PULPROG zgpg30
 TO 65536
 SOLVENT CDCl₃
 NS 101
 DS 4
 SWH 31446.541 Hz
 FIDRES 0.475935 Hz
 AQ 1.0420724 sec
 RG 4096
 DM 15.900 usec
 DE 6.00 usec
 TE 300.0 K
 D1 2.00000000 sec
 D11 0.03000000 sec
 D12 0.00020000 sec
 ===== CHANNEL f1 =====
 NUC1 13C
 P1 8.00 usec
 PL1 3.00 dB
 SF01 125.7715719 MHz
 ===== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 P2 100.00 usec
 PL2 -1.00 dB
 PL12 18.80 dB
 PL13 18.80 dB
 SF02 500.1320005 MHz
 F2 - Processing parameters
 SI 32768
 SF 125.7577390 MHz
 KW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40
 1D NMR plot parameters
 CX 34.00 cm
 F1P 184.355 ppm
 F1 23184.16 Hz
 F2P -2.160 ppm
 F2 -271.58 Hz
 PPMCM 5.48574 ppm/cm
 HZCM 689.87475 Hz/cm



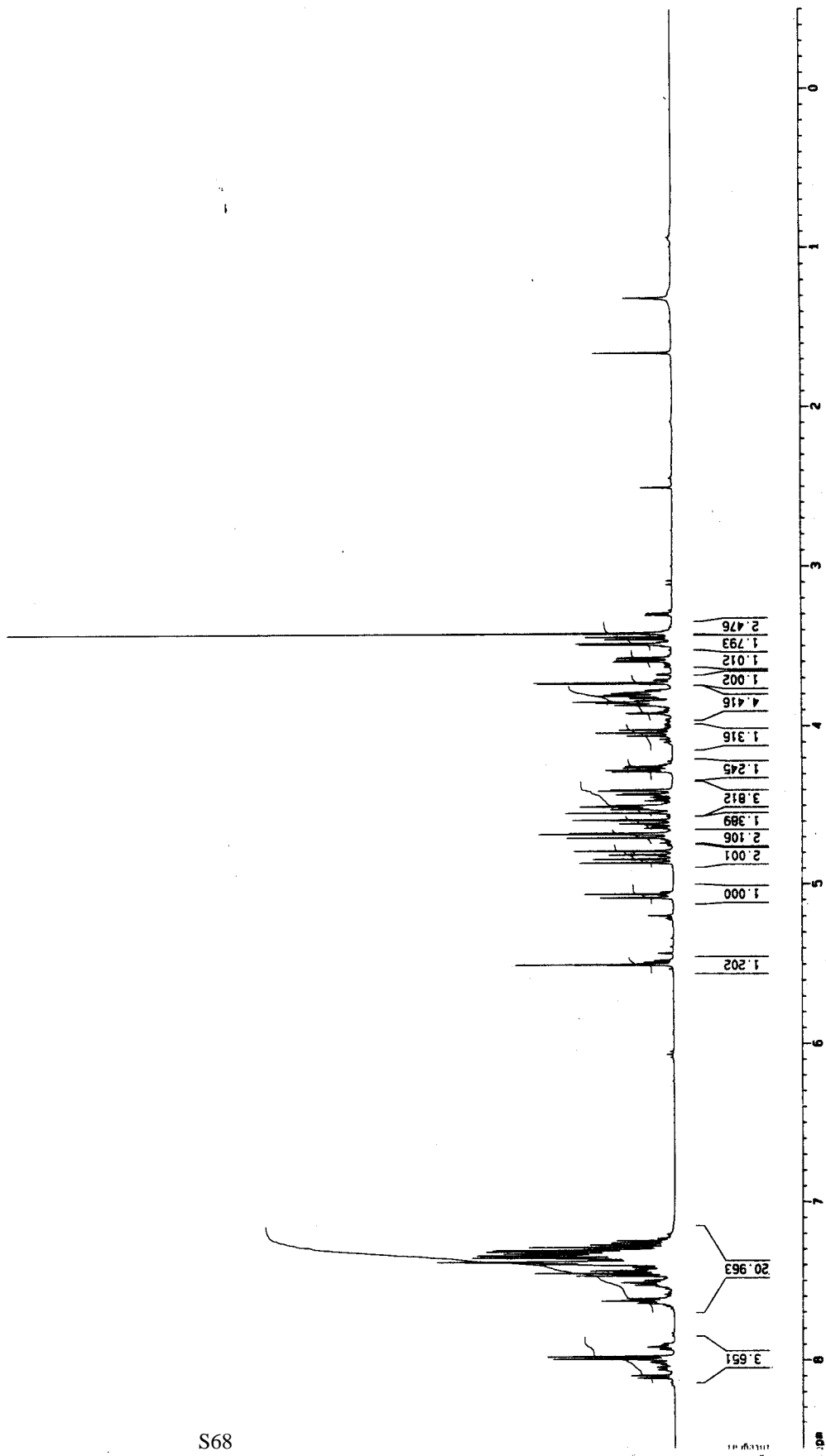
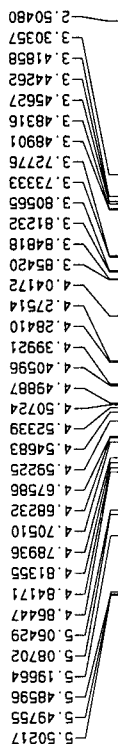
Current Data Parameters
NAME CALLAM
EXPNO 70
PROCNO 1

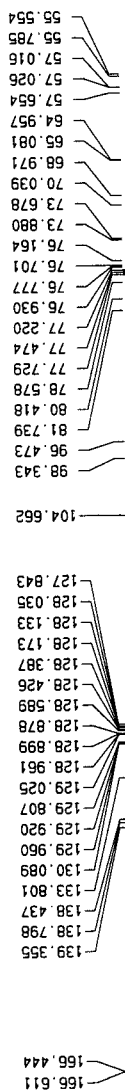
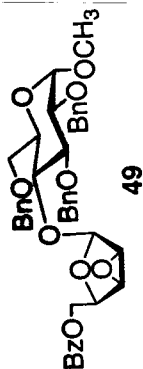
F2 - Acquisition Parameters
Date_ 2003027
Time 15.34
INSTRUM spect
PROBHD 5 mm BBO BB-1
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 22
DS 2
FIDRES 10330.578 Hz
AQ 0.157632 Hz
RG 114
DM 48.400 usec
DE 6.00 usec
TE 300.0 K
D1 1.00000000 sec

***** CHANNEL f1 *****
NUC1 1H
P1 13.70 usec
PL1 -1.00 dB
SF01 500.1330885 MHz

F2 - Processing parameters
SI 32768
SF 500.1300000 MHz
WDW EN
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

1D NMR plot parameters
CX 34.00 cm
F1P 8.606 ppm
F1 4304.22 Hz
F2P -0.500 ppm
F2 -250.25 Hz
PPM0 0.26784 ppm/cm
HZCM 133.95497 Hz/cm





Current Data Parameters
NAME CALLAM
EXPNO 71
PROCNO 1

F2 - Acquisition Parameters
Date_ 20020327
Time 15:56
INSTRUM spect
PROBHD 5 mm BBO BB-1
PULPROG zgpg30
TO 65536
SOLVENT CDCl3
NS 1024
DS 4
SWH 31446.541 Hz
FIDRES 0.479836 Hz
AQ 1.0420724 sec
RG 8192
DM 15.900 usec
DE 6.00 usec
TE 300.0 K
D1 2.00000000 sec
D11 0.03000000 sec
D12 0.00020000 sec

===== CHANNEL f1 =====
NUC1 13C
P1 8.00 usec
PL1 3.00 dB
SF01 125.7715719 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 100.00 usec
PL2 -1.00 dB
PL12 18.80 dB
PL13 18.80 dB
SF02 500.1320005 MHz

F2 - Processing parameters
SI 32768
SF 125.7577390 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

1D NMR plot parameters
CX 24.00 cm
F1P 185.645 ppm
F1 23346.26 Hz
F2P -8.425 ppm
F2 -1060.02 Hz
PPHOM 5.70805 ppm/cm
HZCM 717.83148 Hz/cm

