

Supporting Information for

Stereoselective Formation of Quaternary Stereogenic Centres via Alkylation of α -Substituted Malonate-Imidazolidinones

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Francis Dhoró

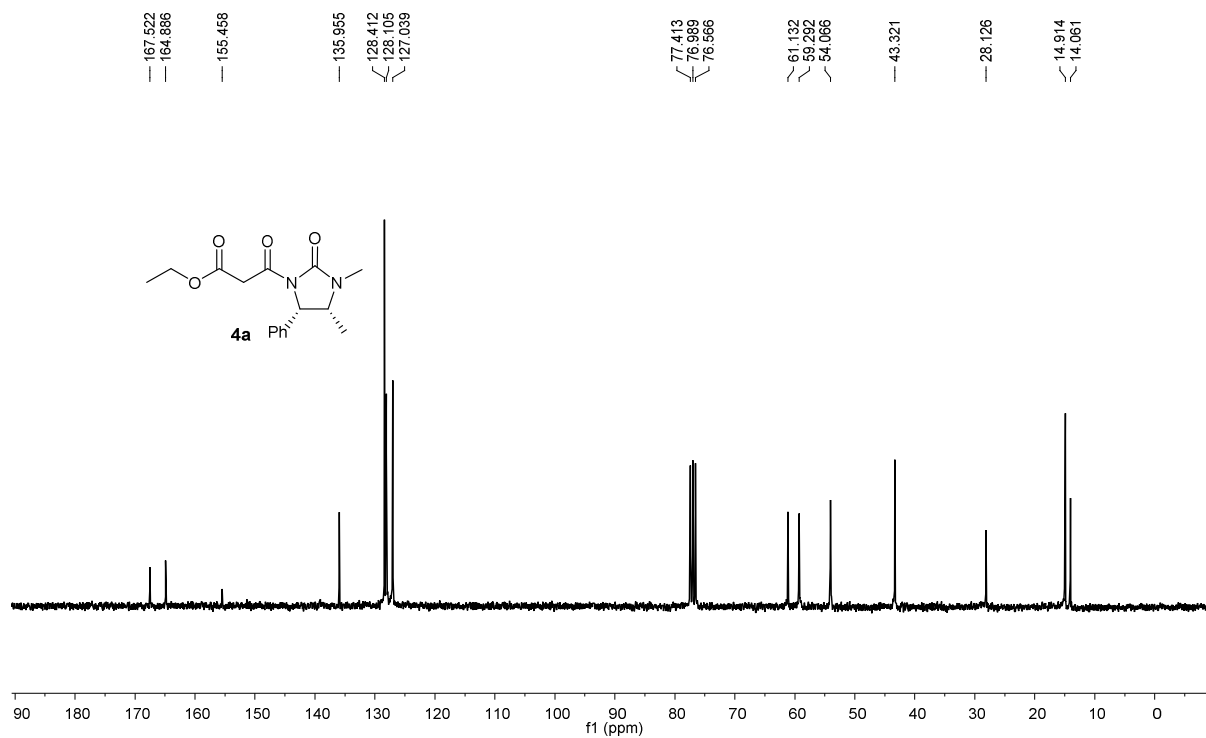
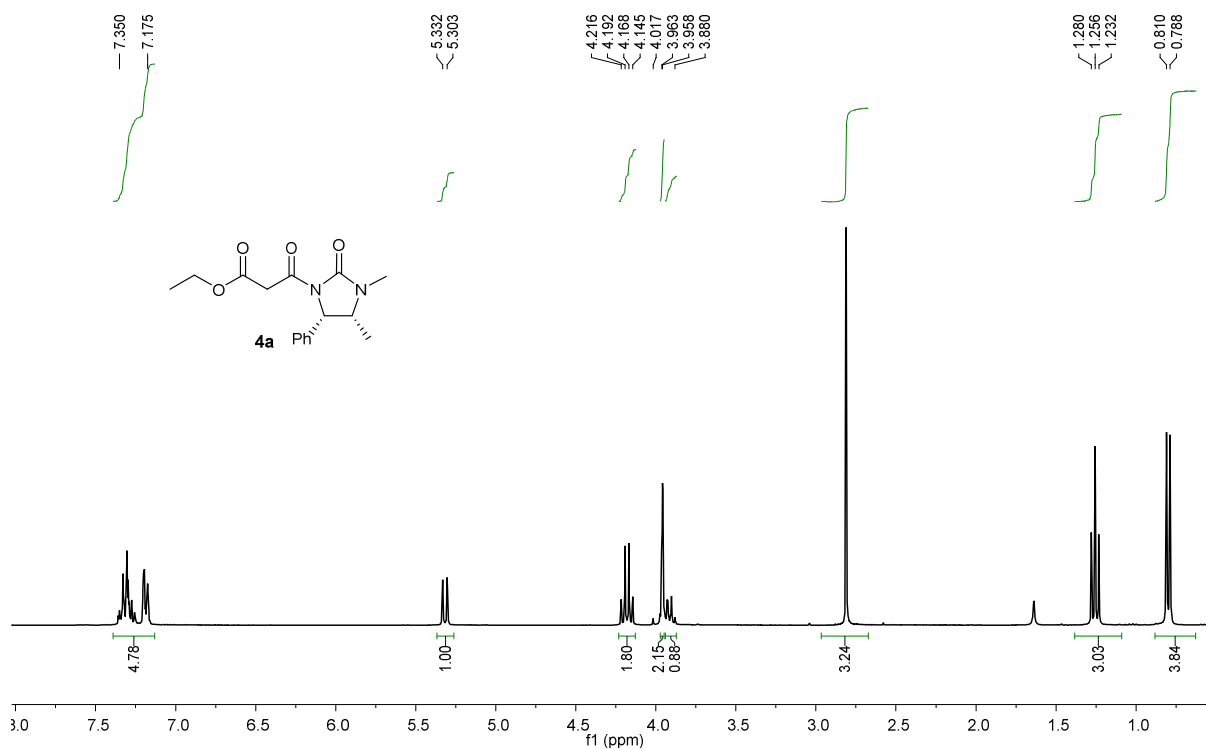
University of Cape Town, Rondebosch, 7701, Cape Town, South Africa

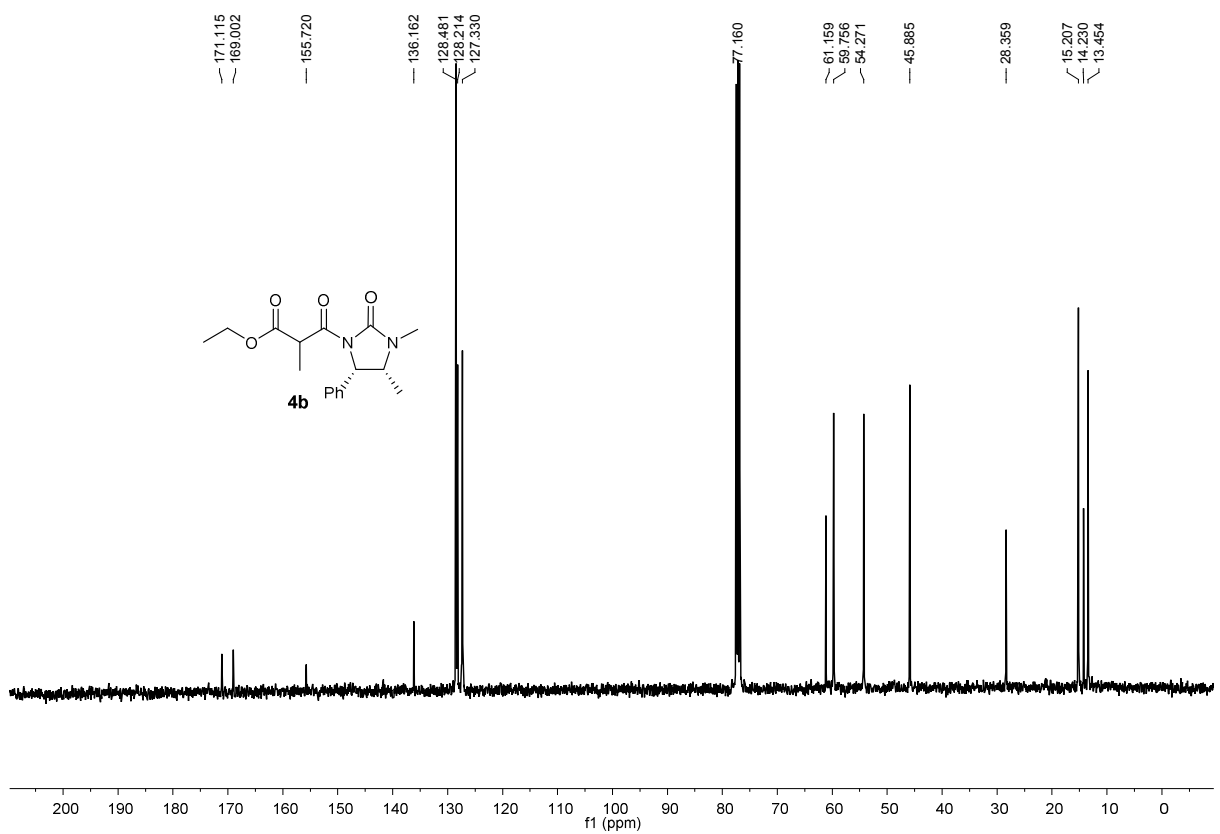
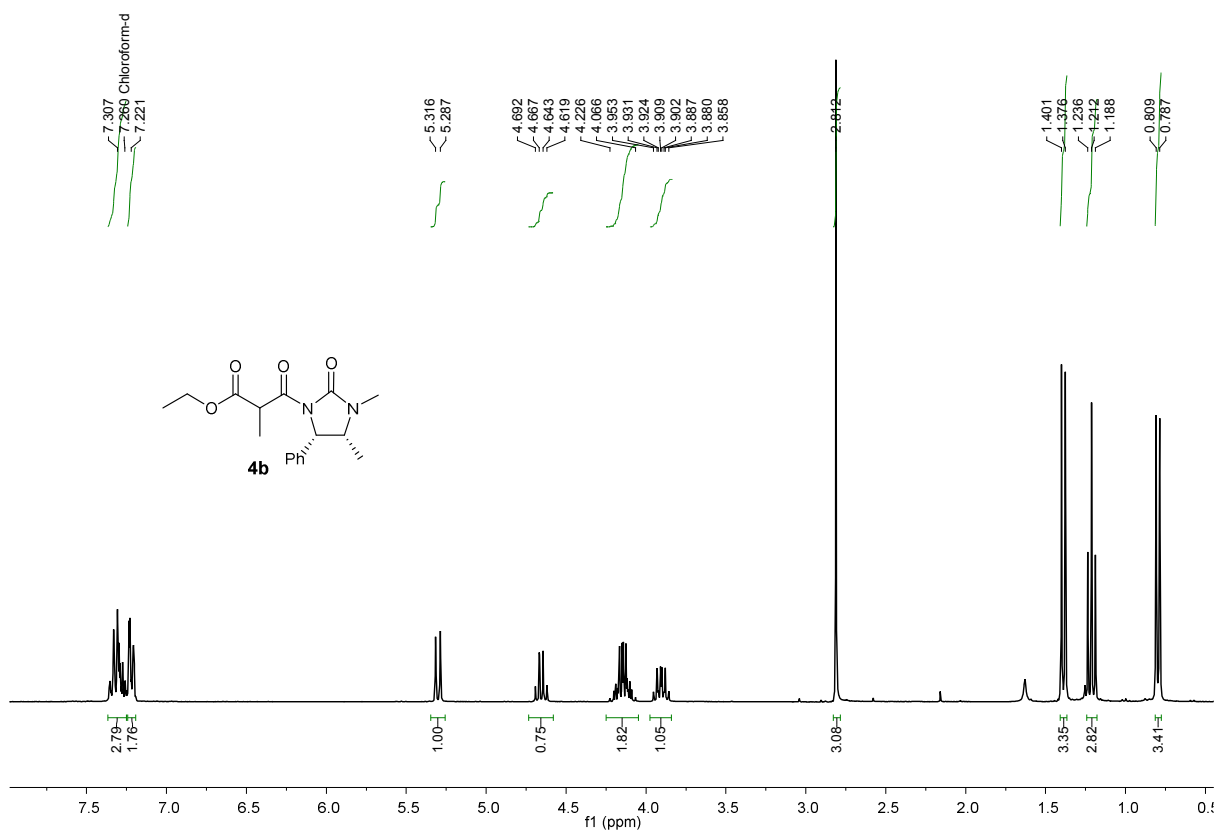
[email: roger.hunter@uct.ac.za](mailto:roger.hunter@uct.ac.za)

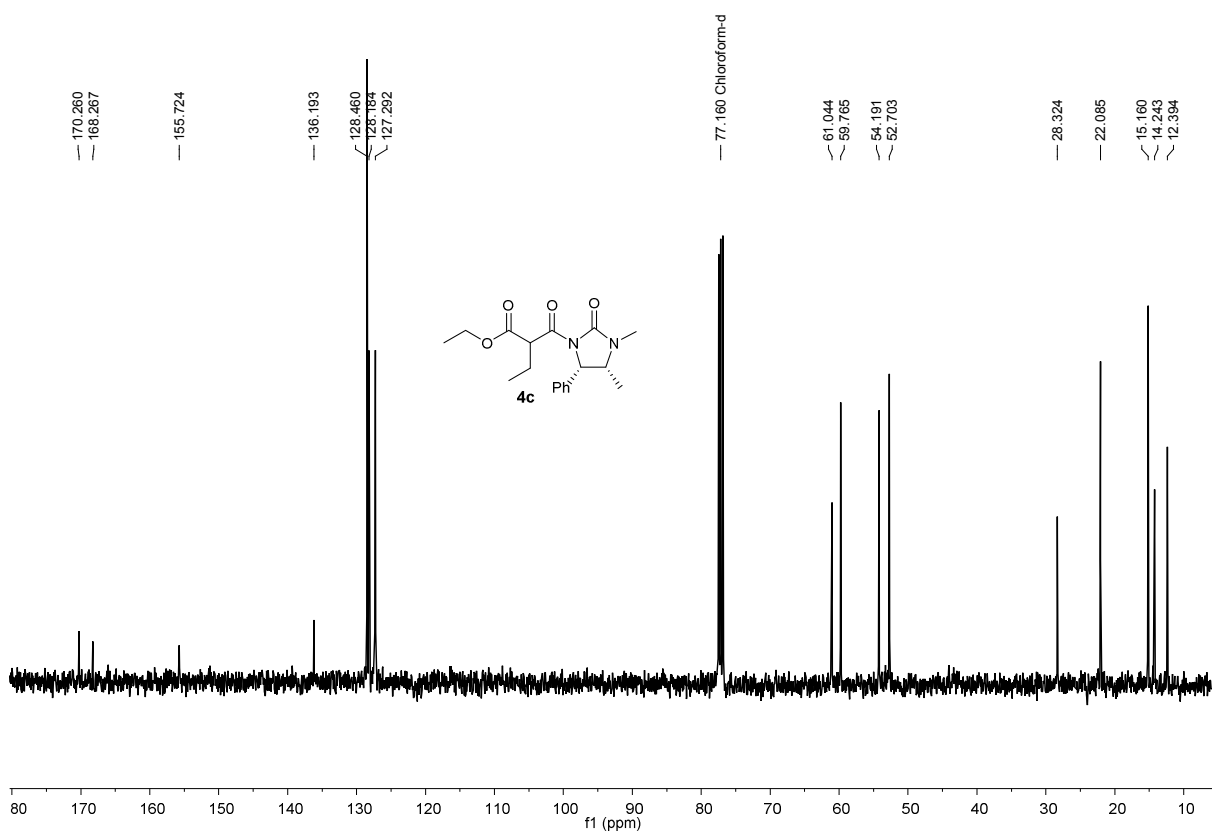
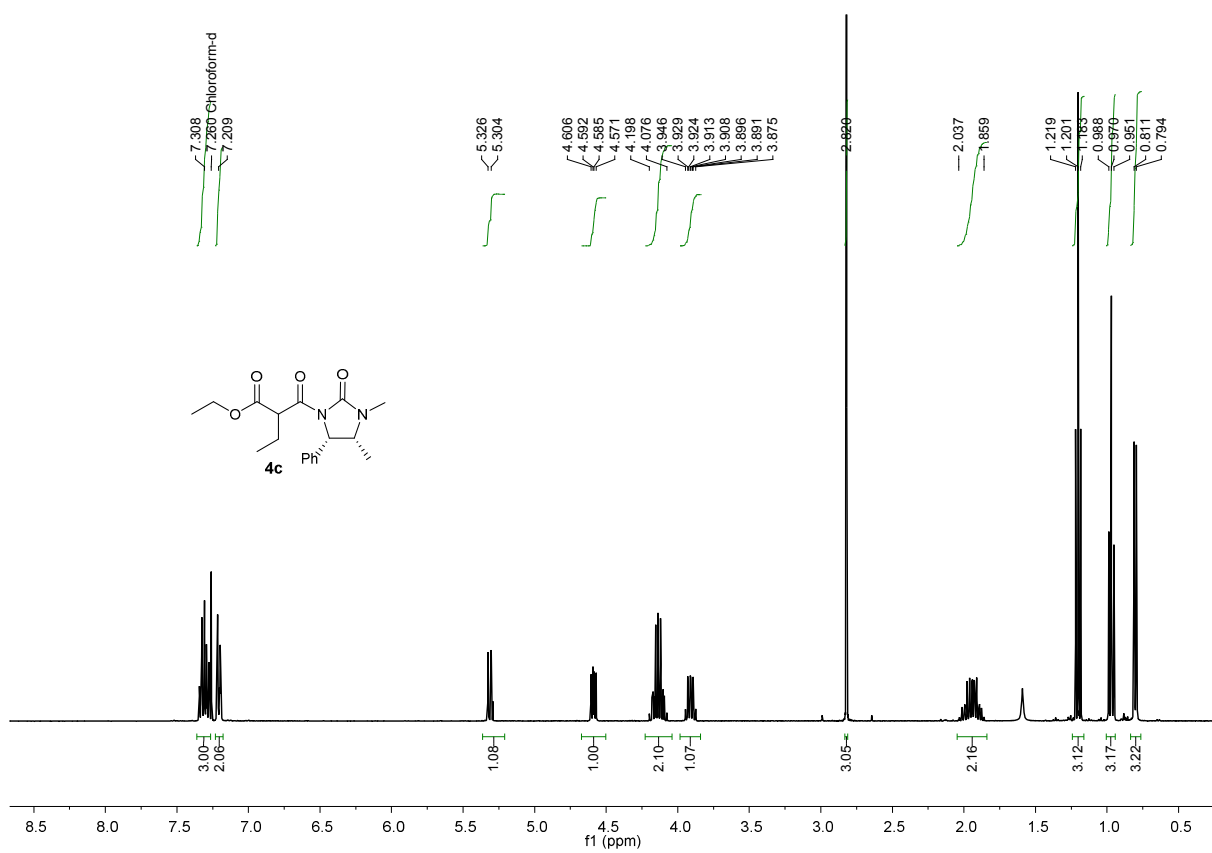
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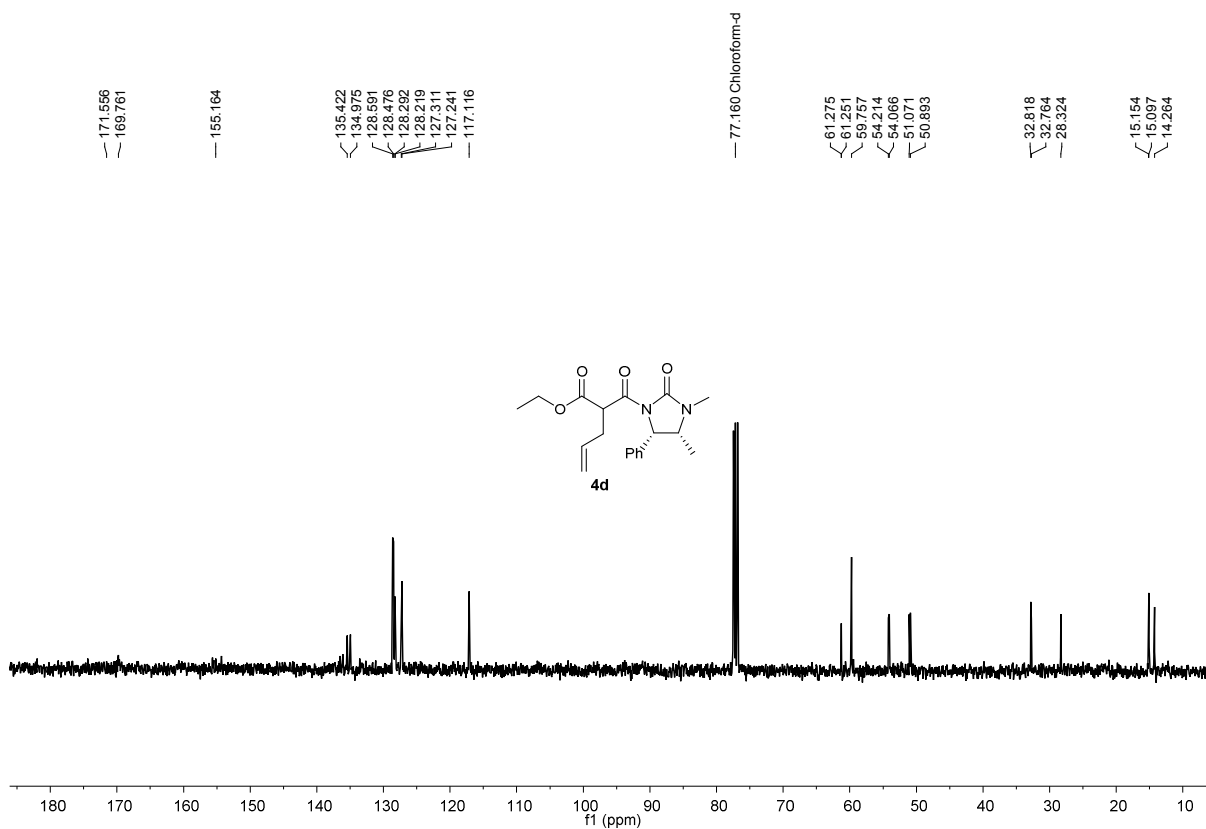
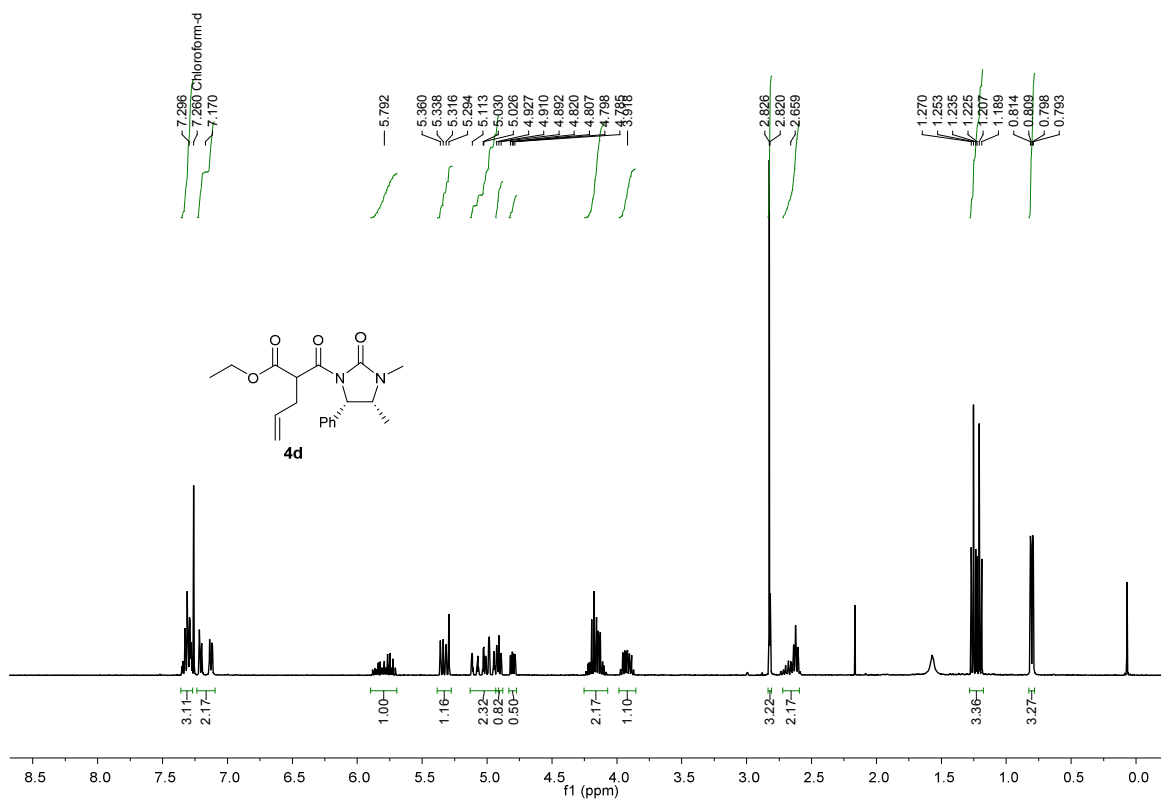
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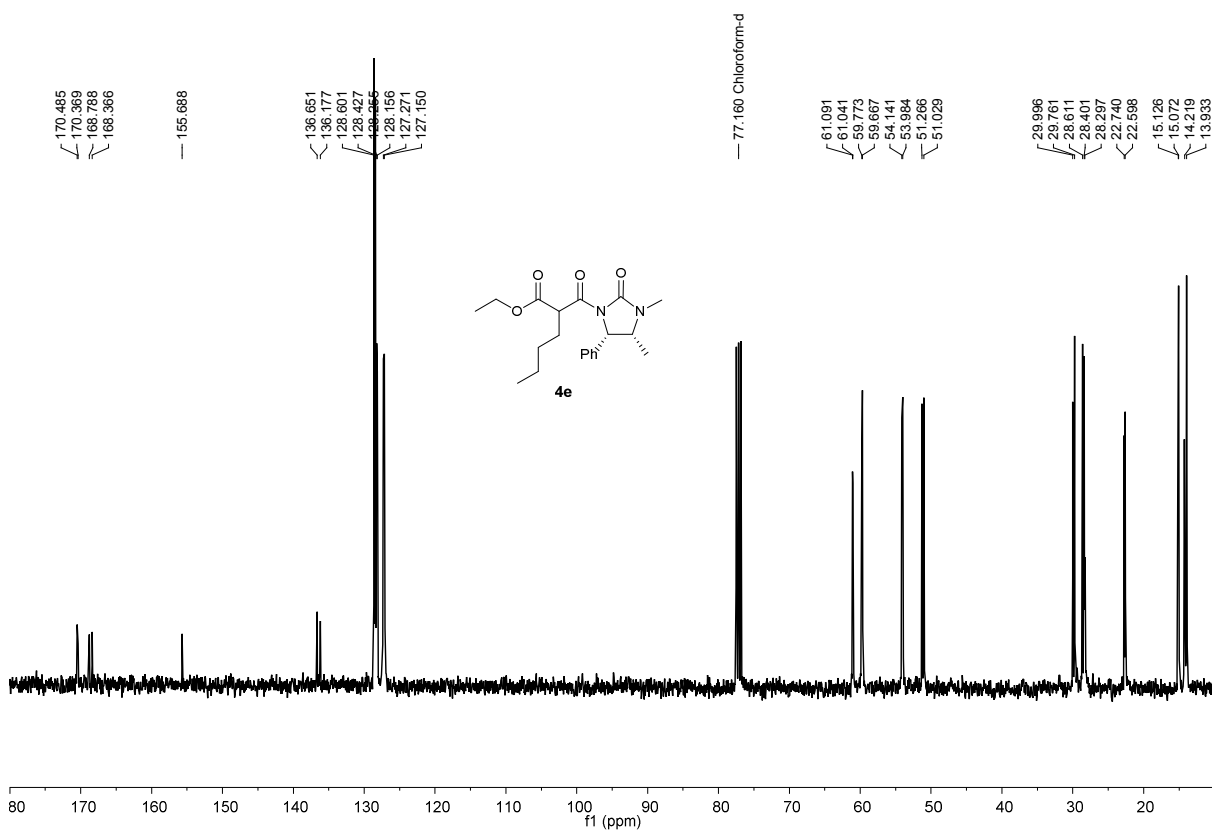
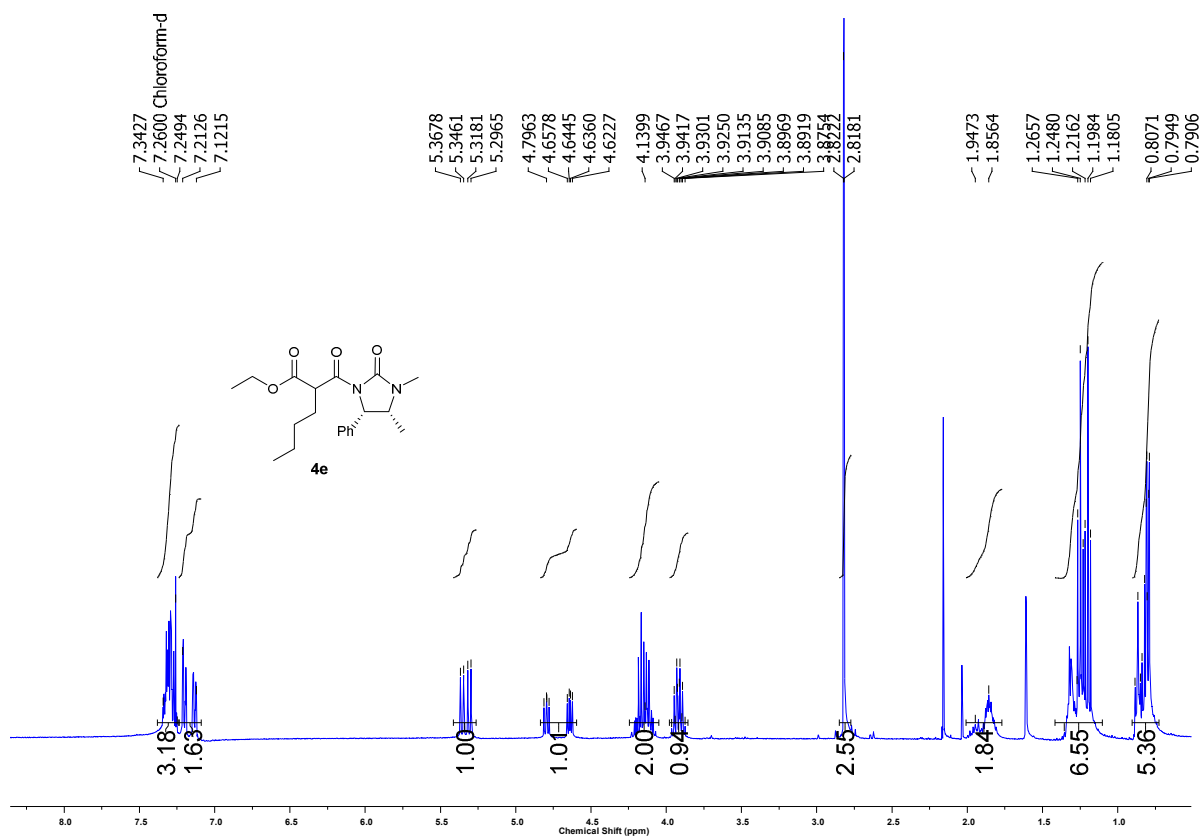
¹H NMR and ¹³C NMR spectra

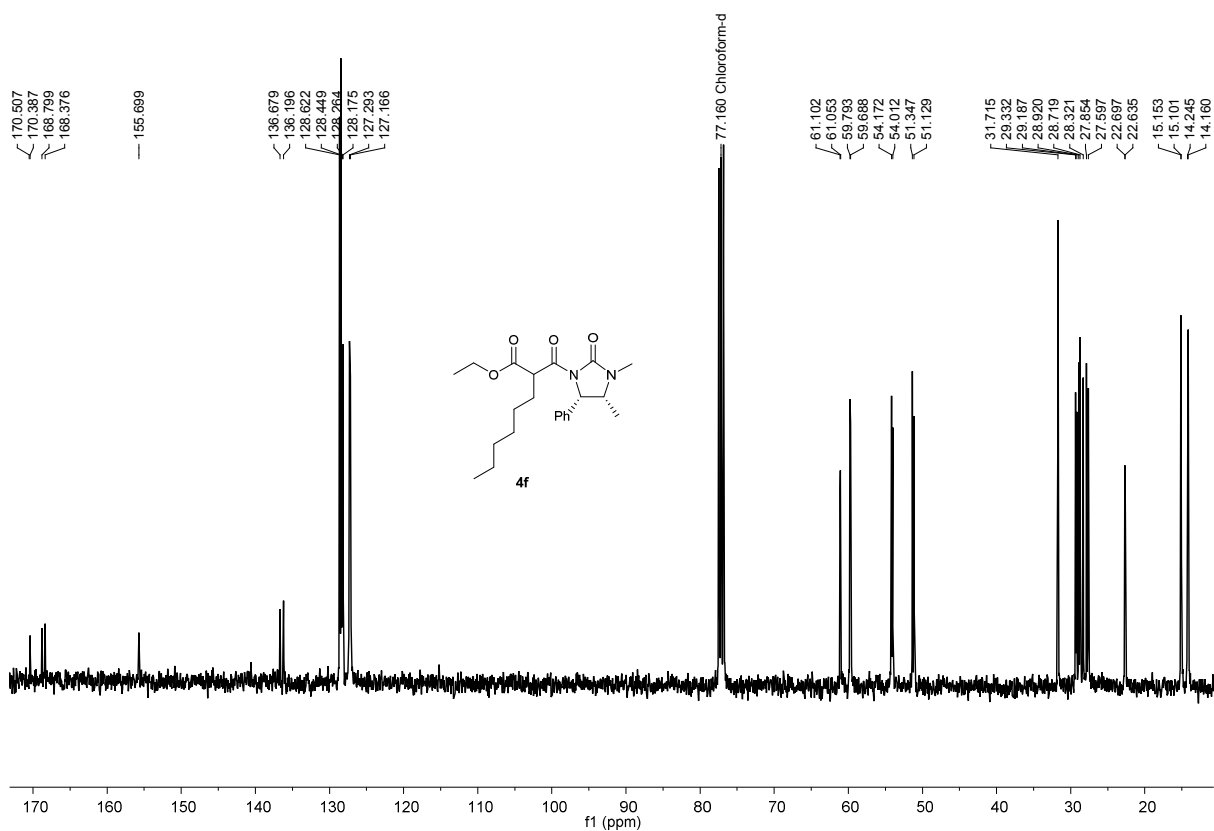
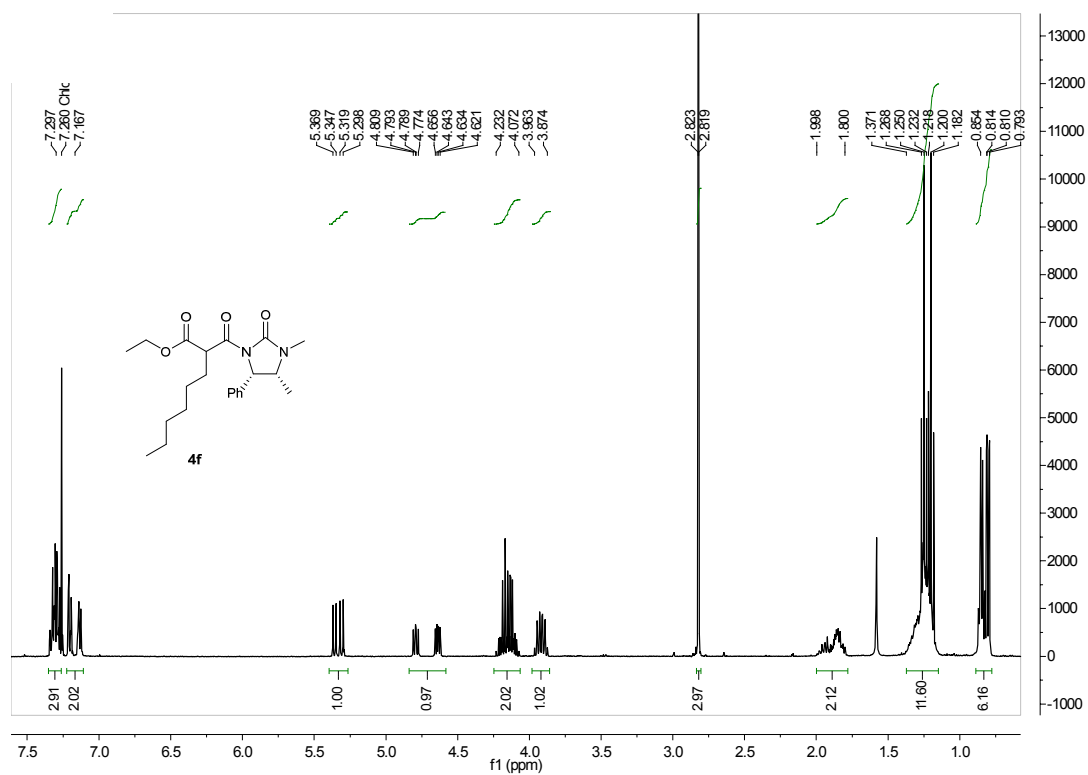


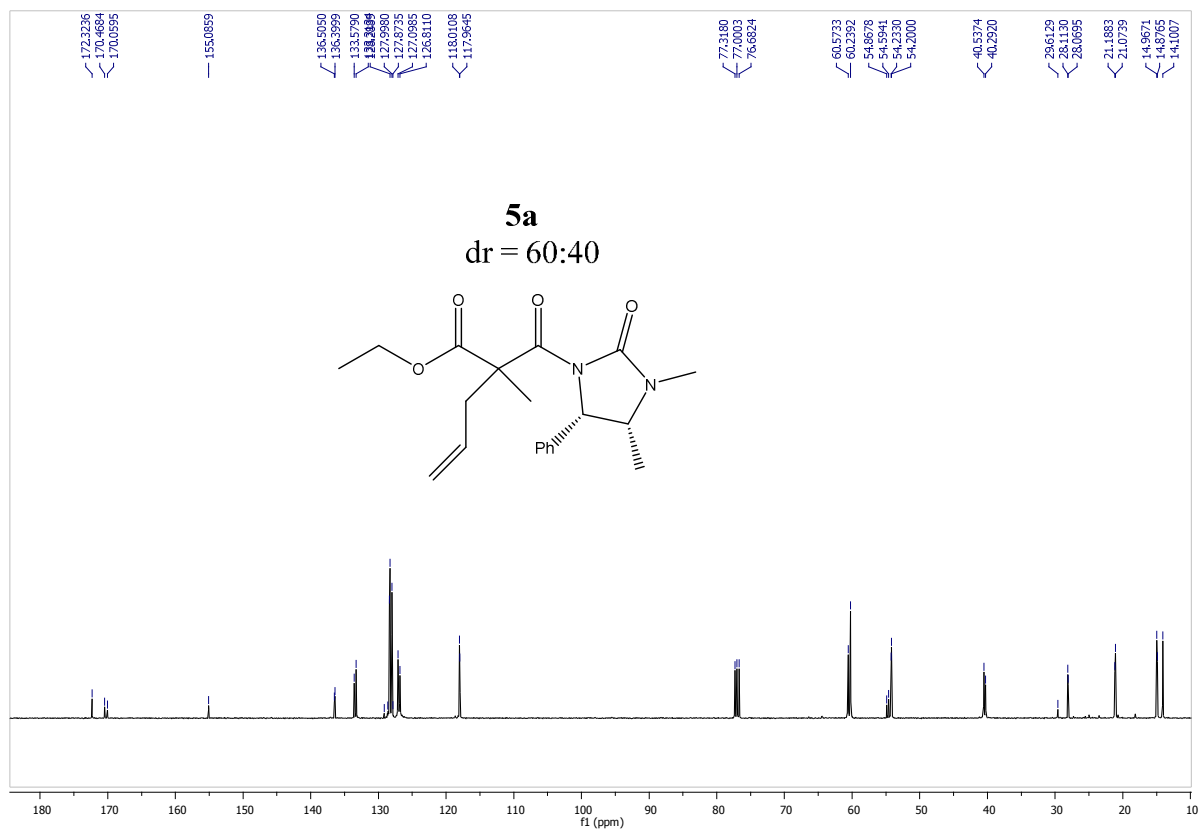
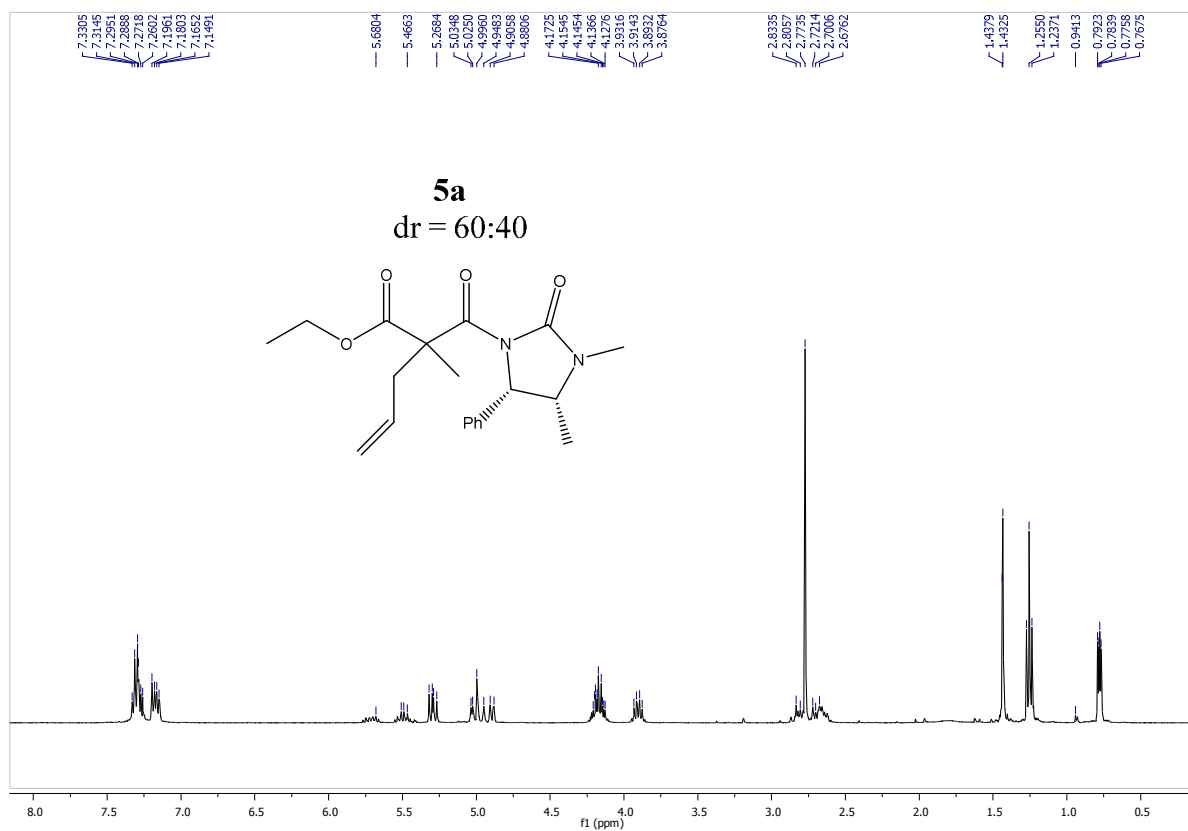


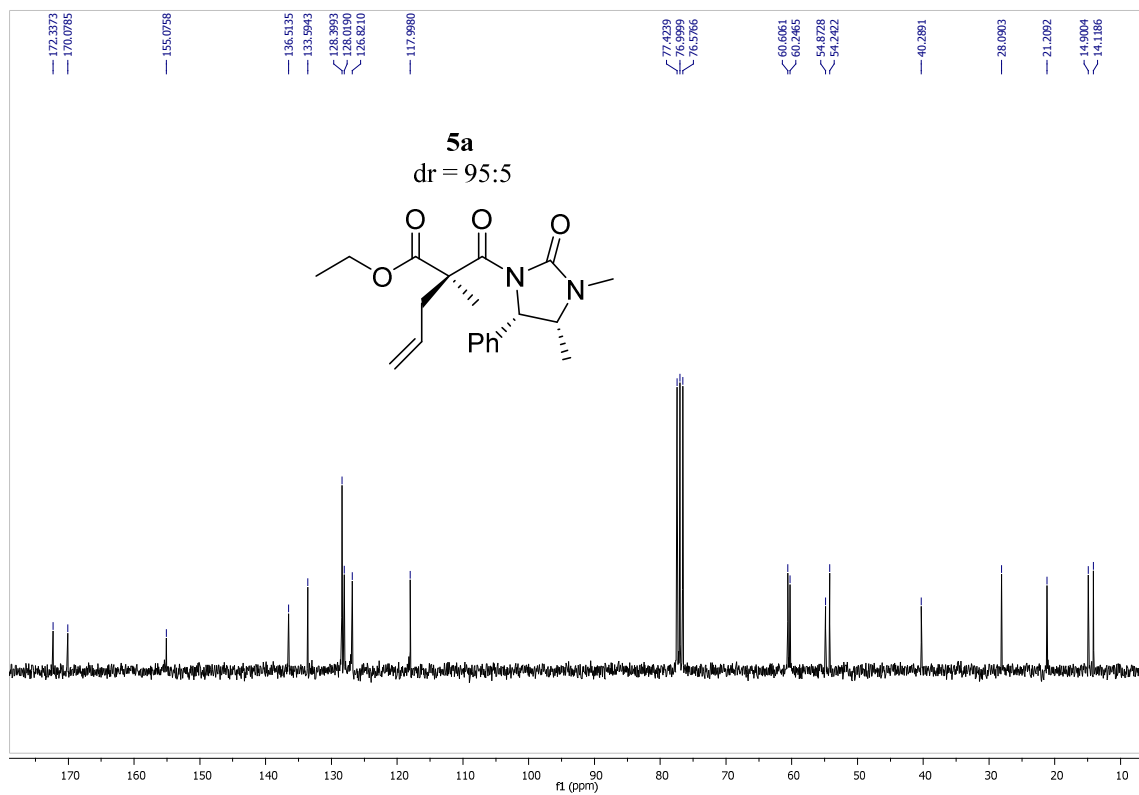
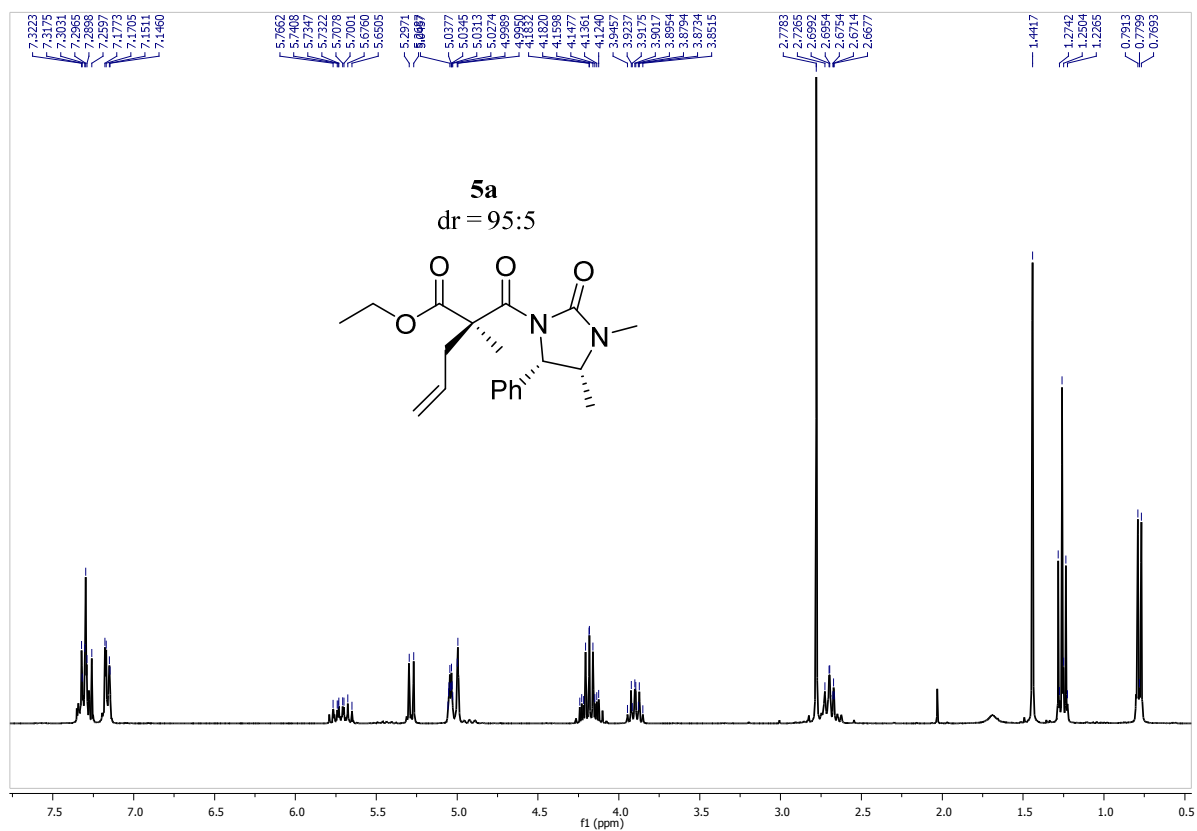


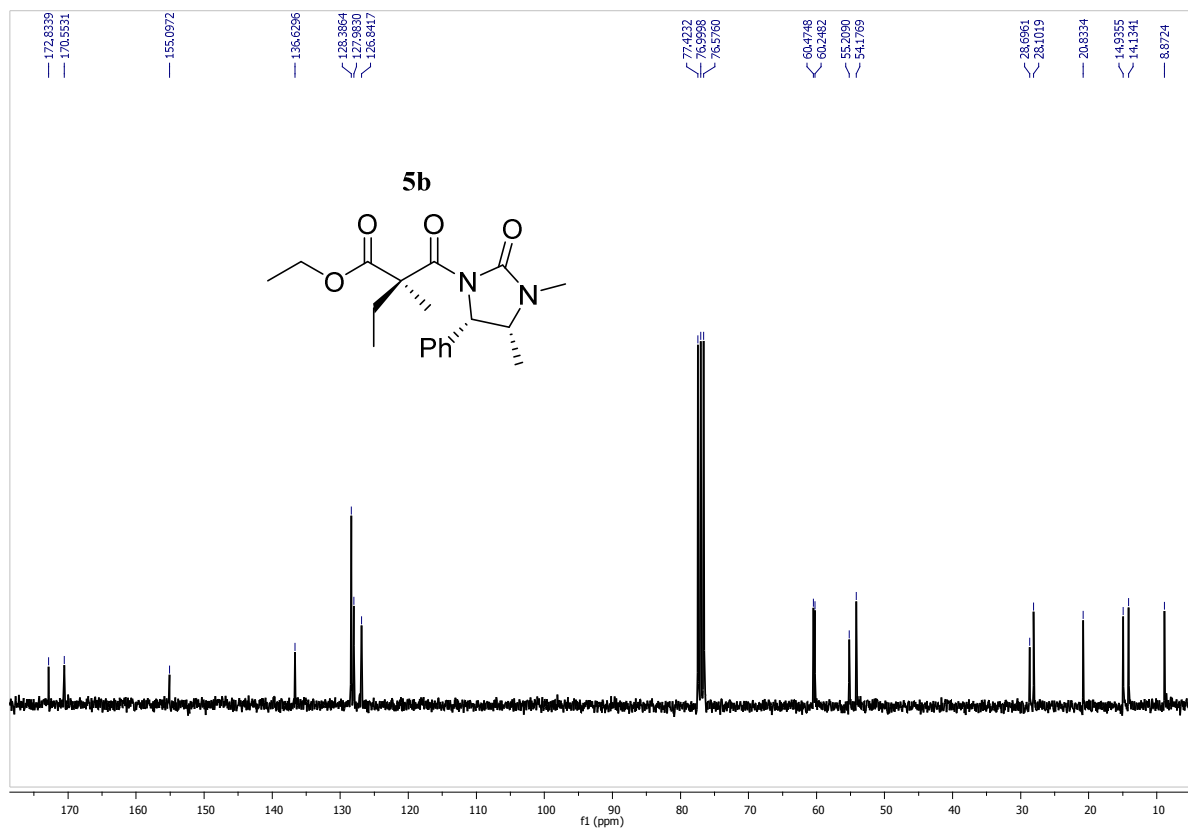
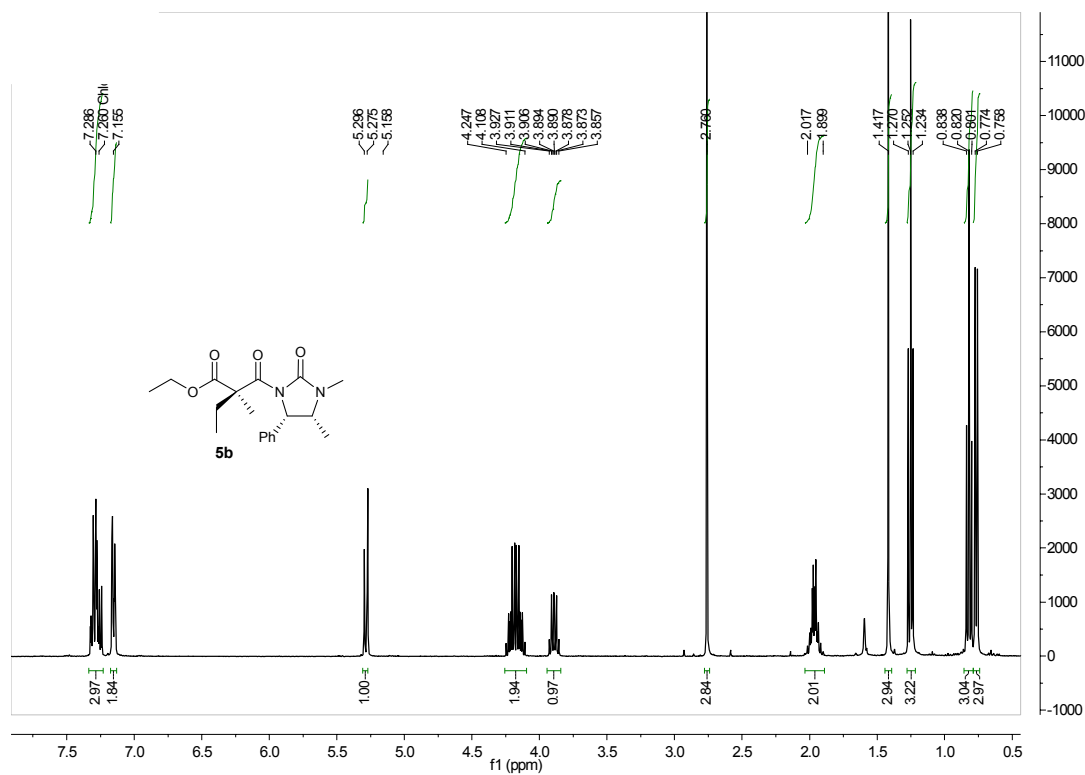


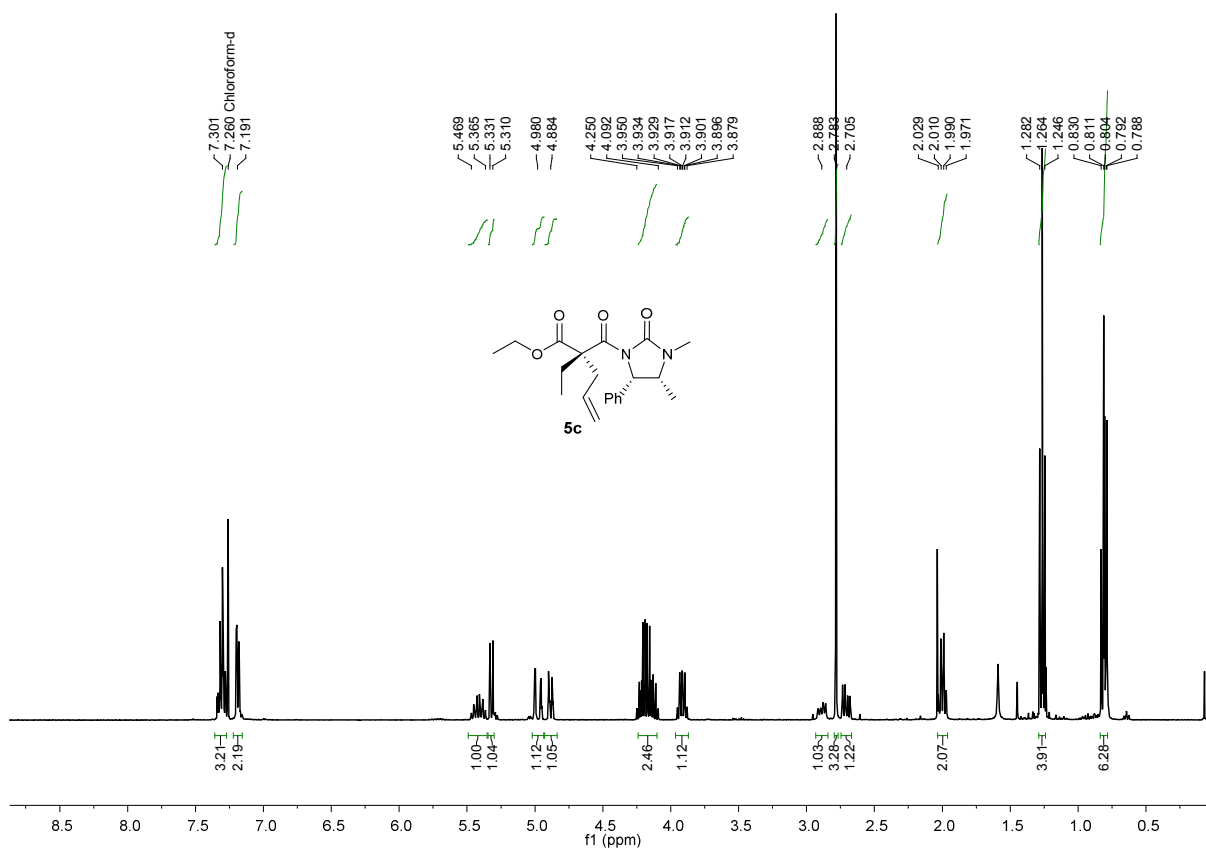




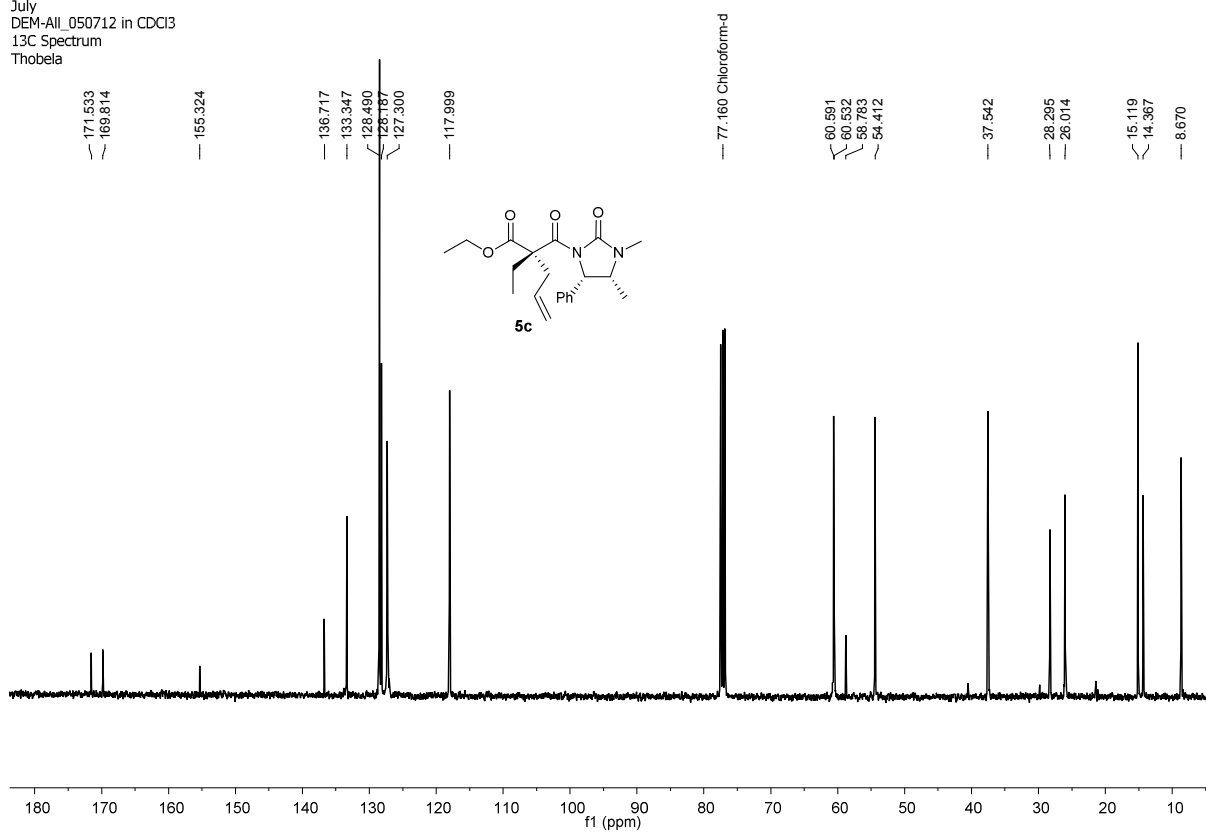


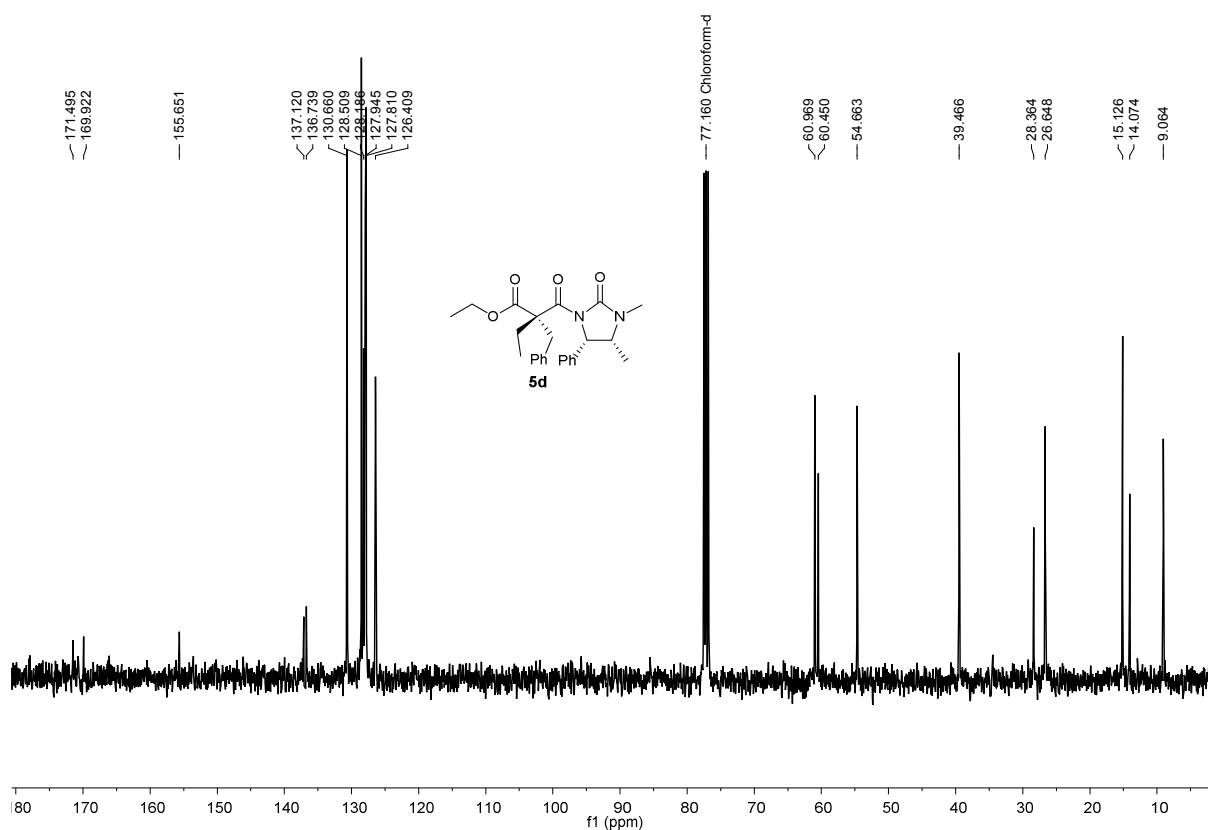
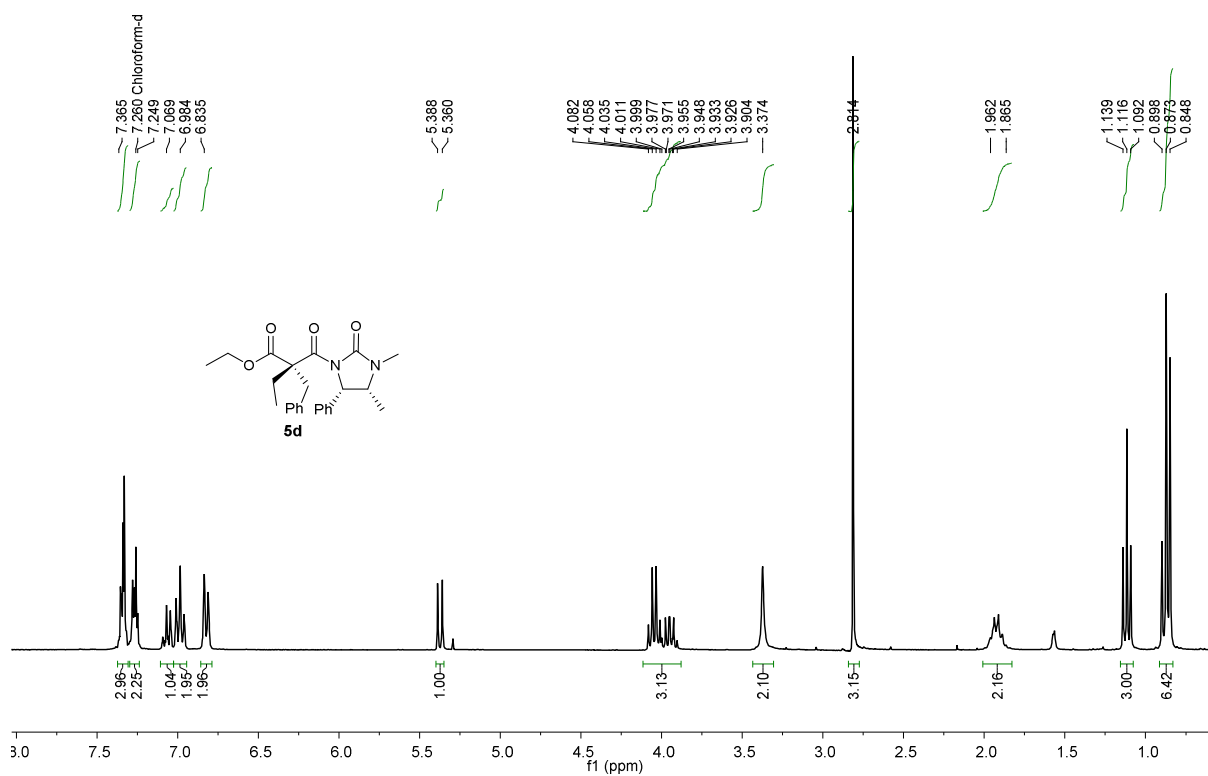


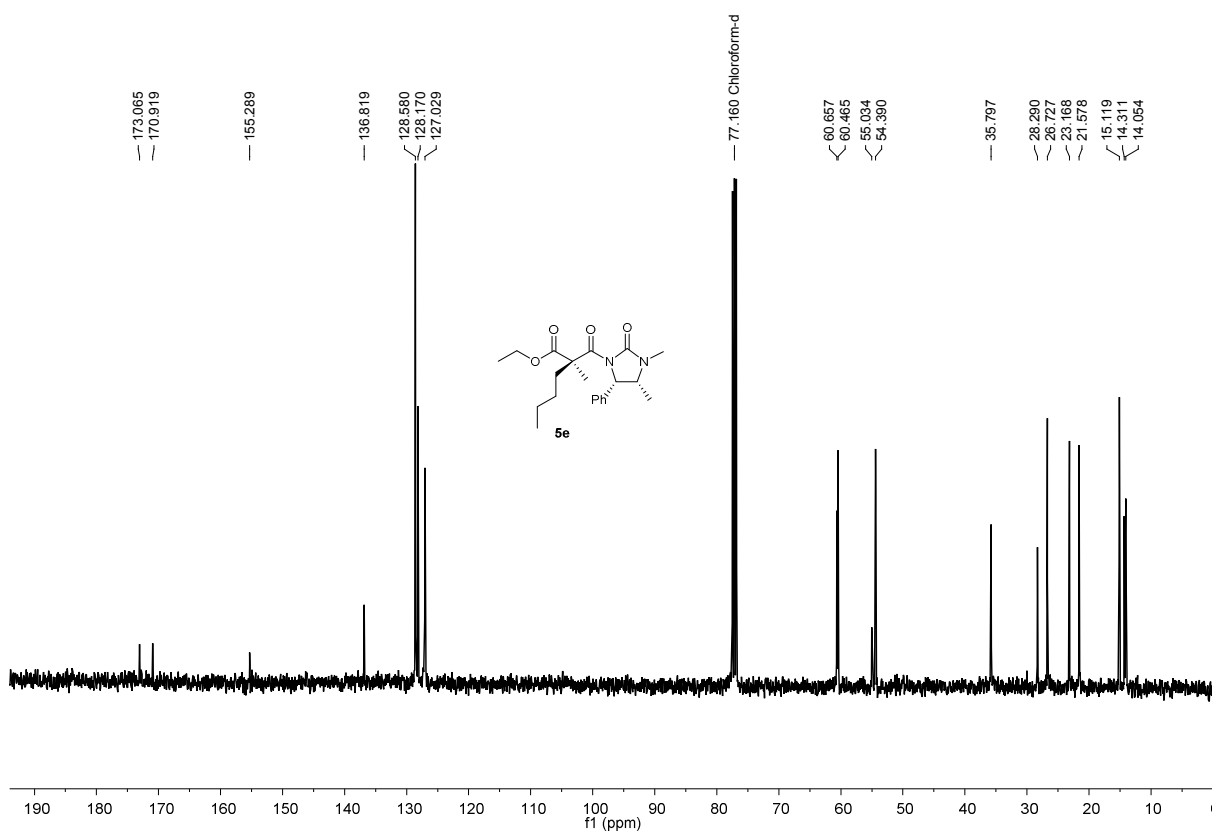
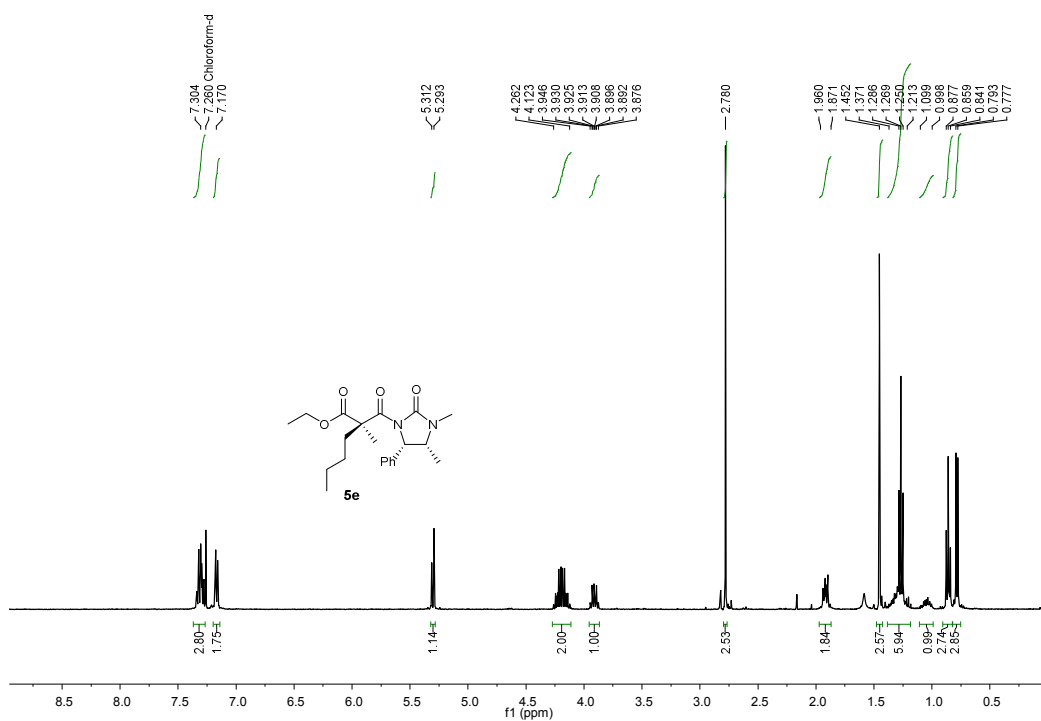


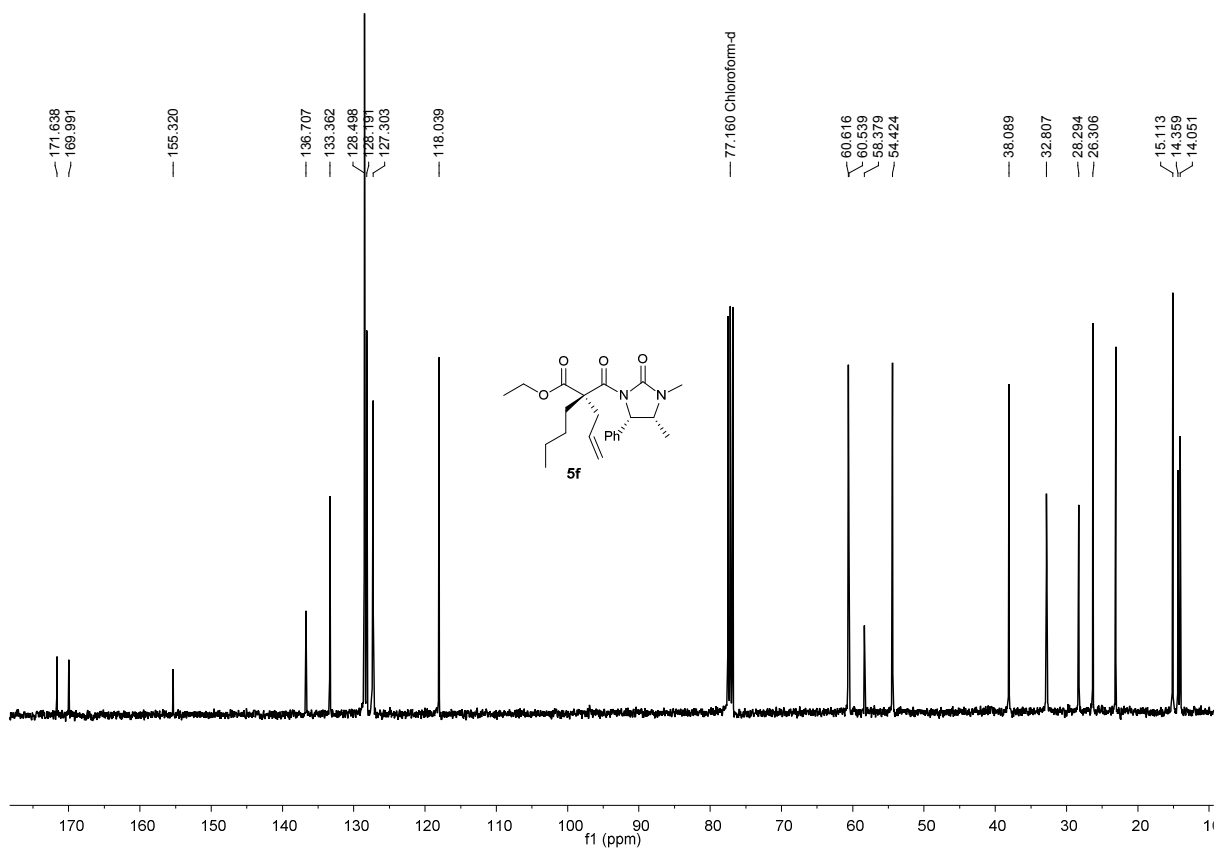
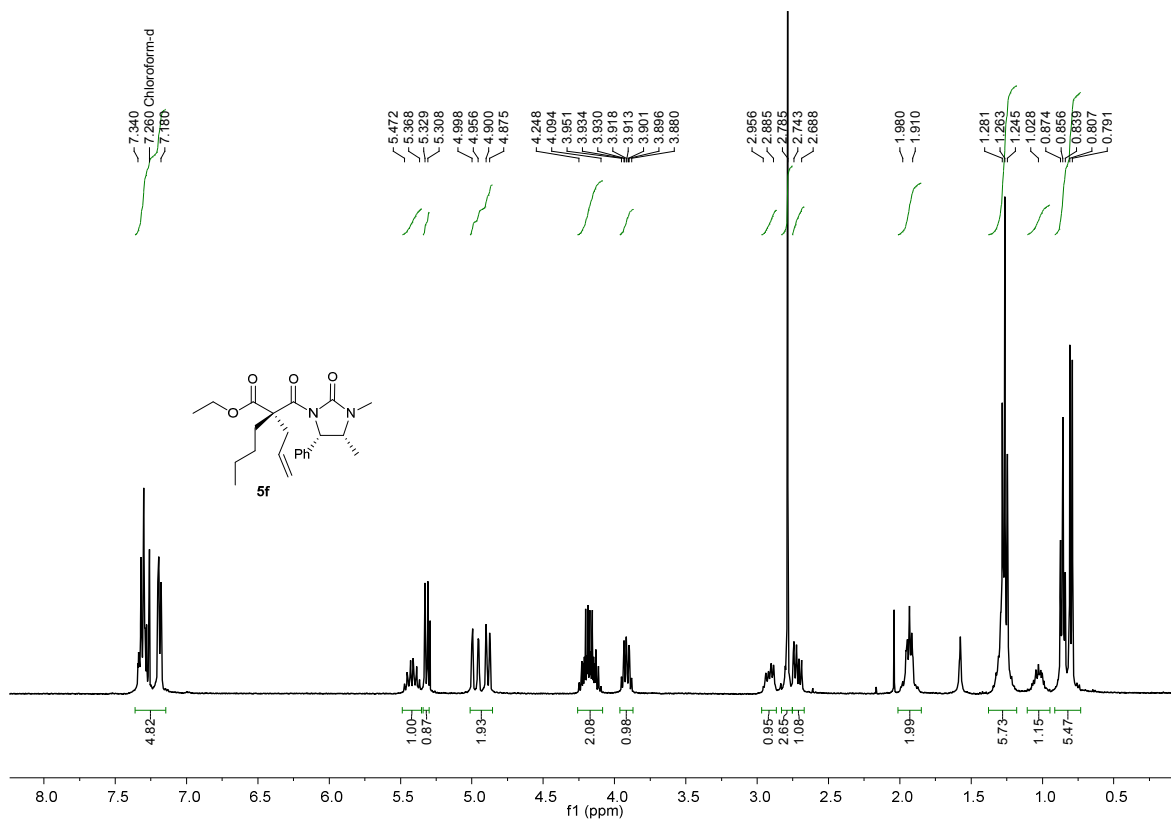


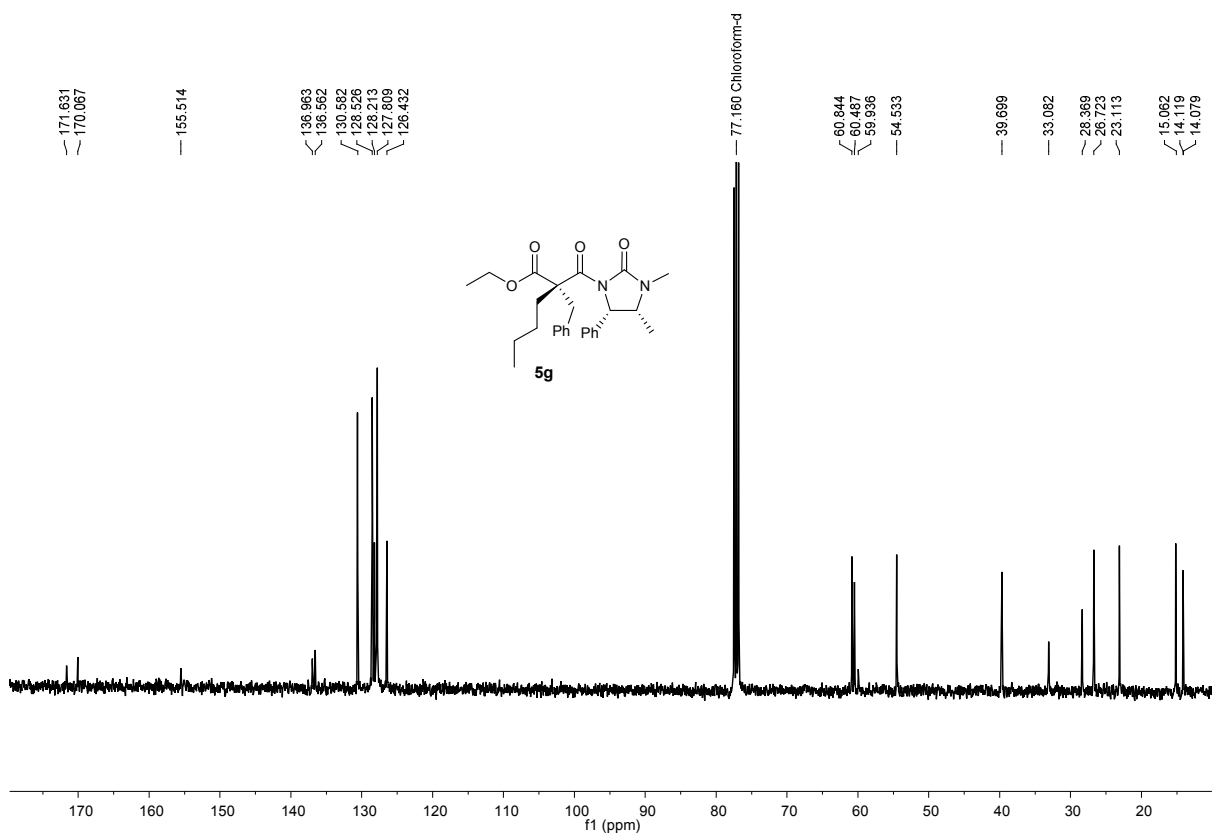
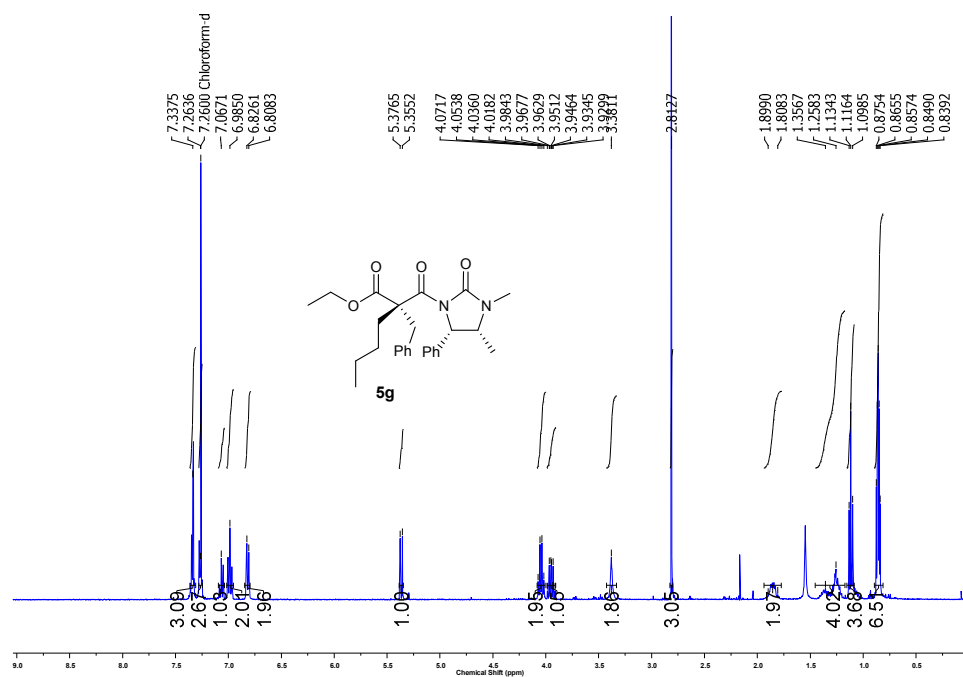
July
DEM-All_050712 in CDCl₃
13C Spectrum
Thobela

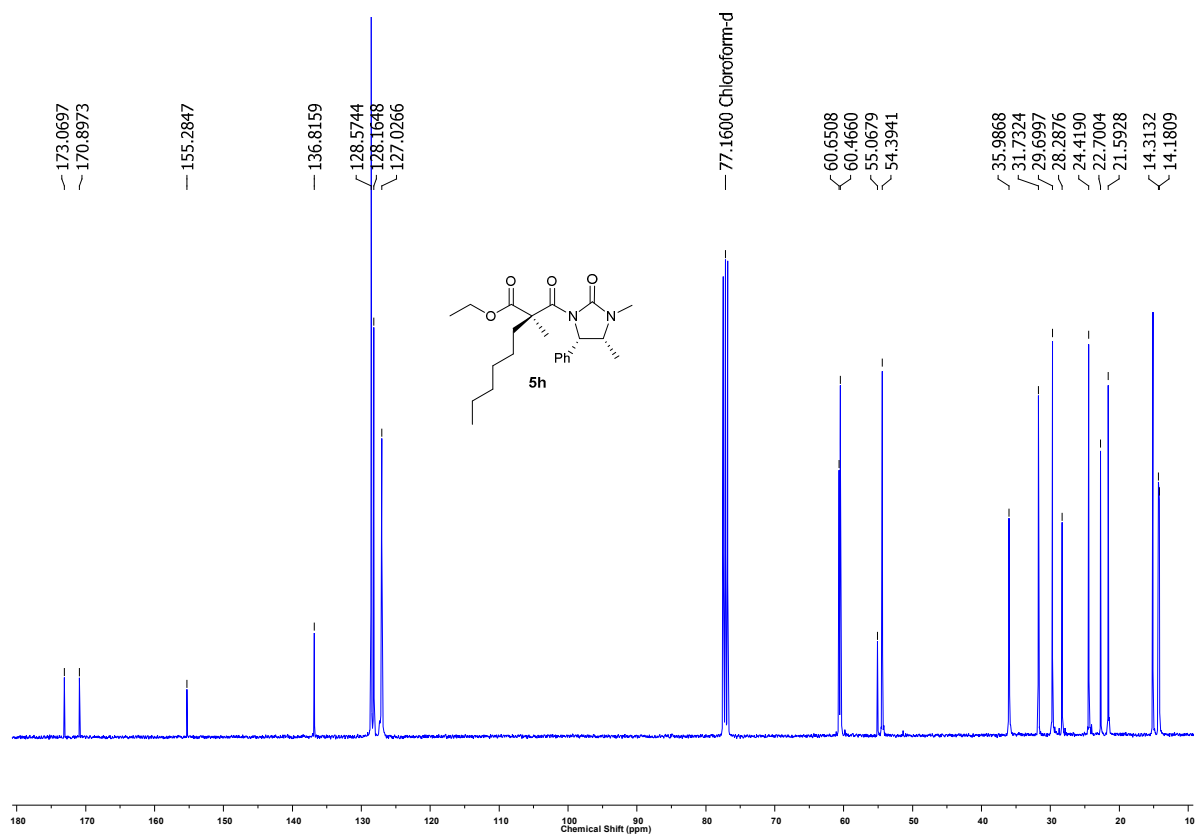
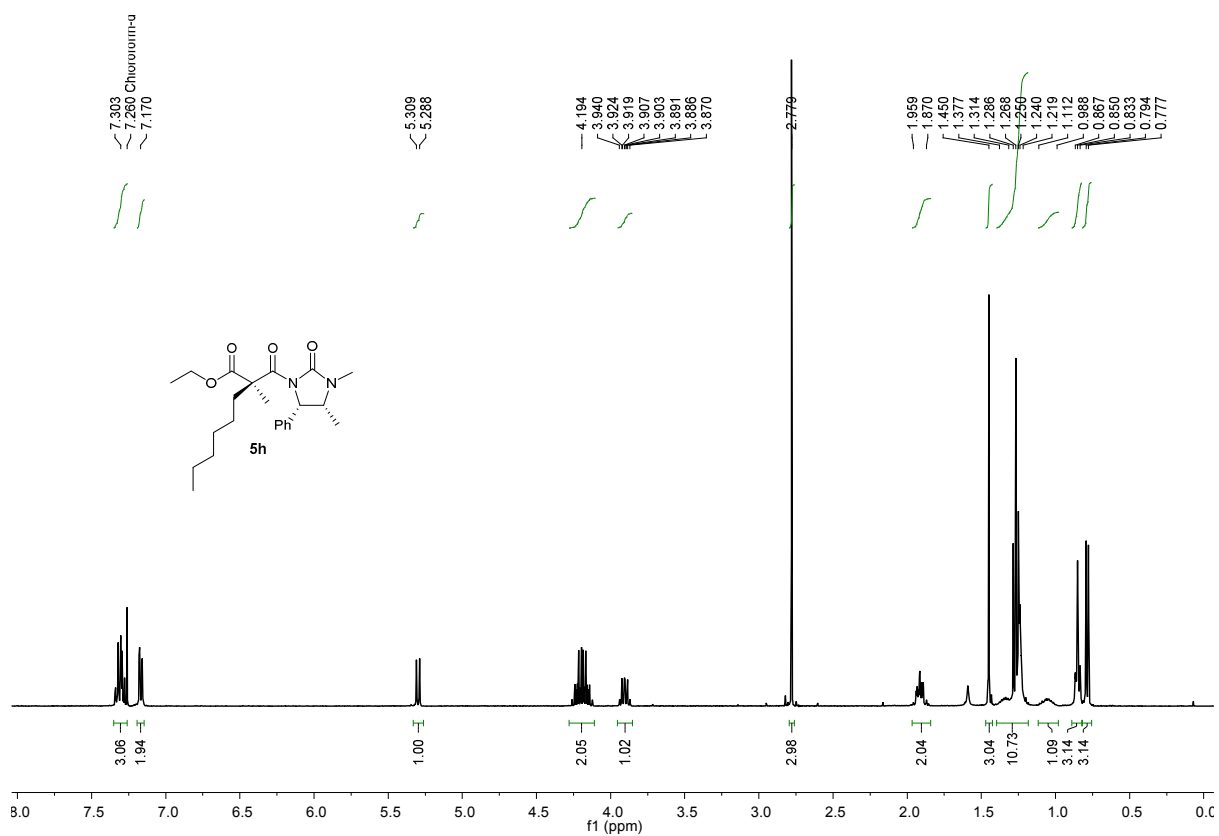


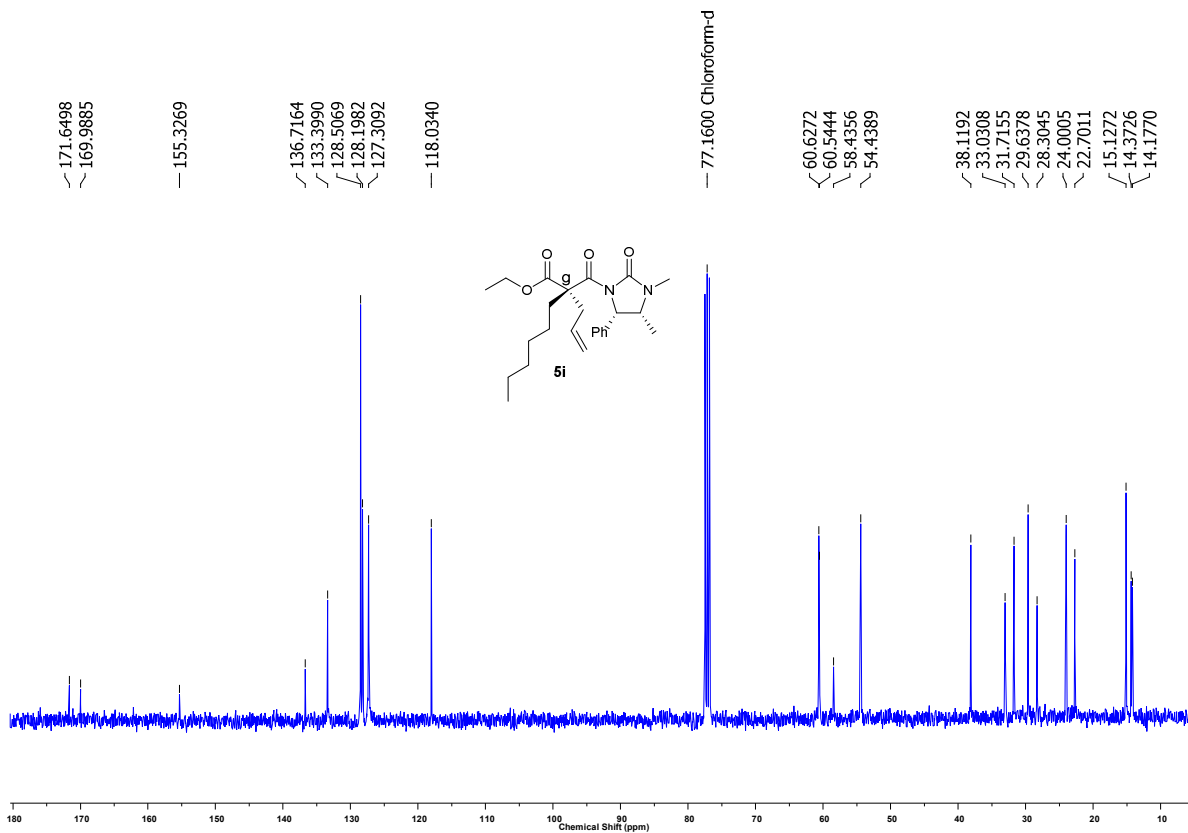
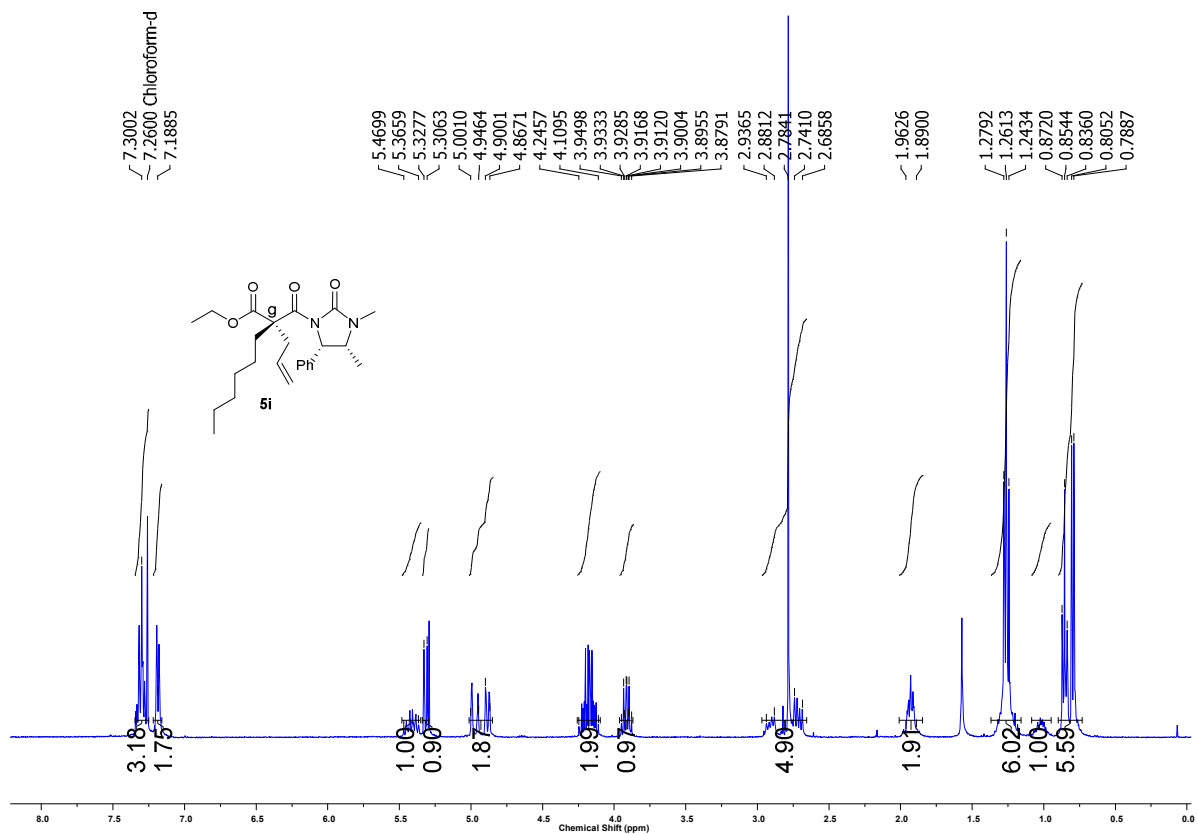


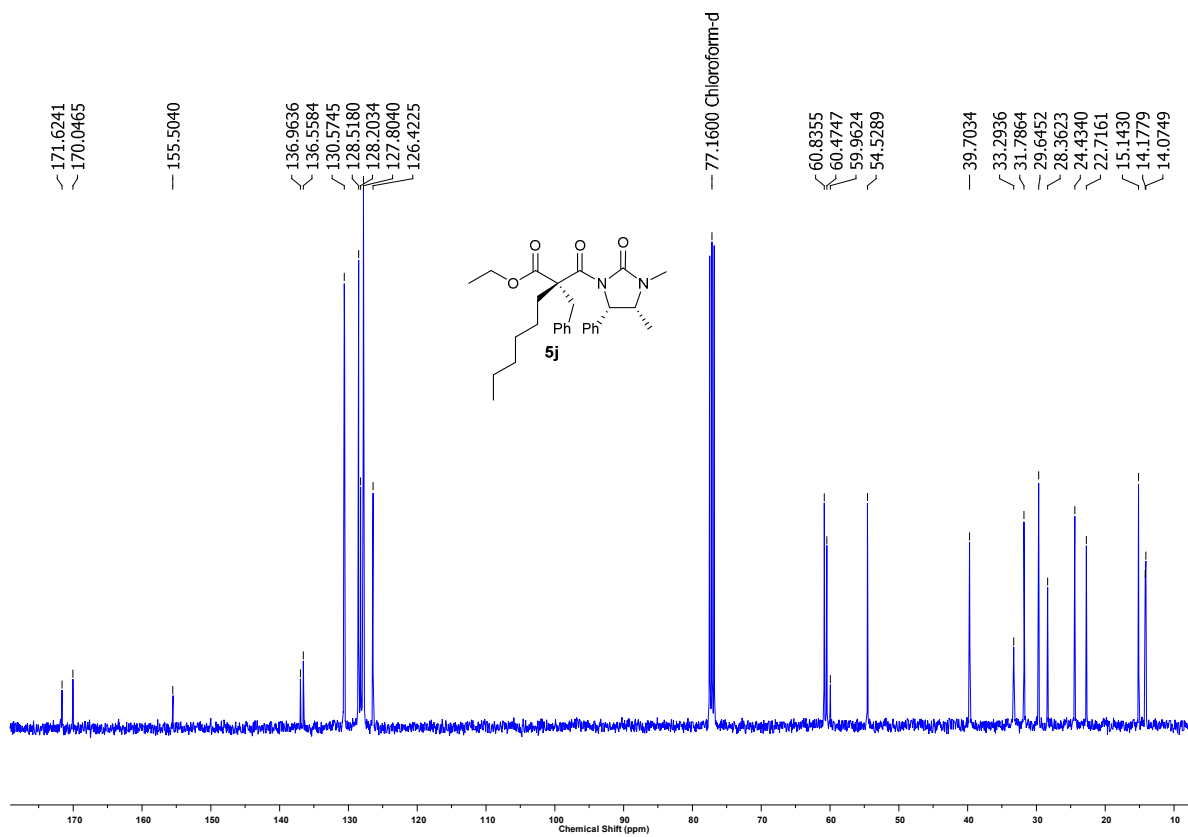
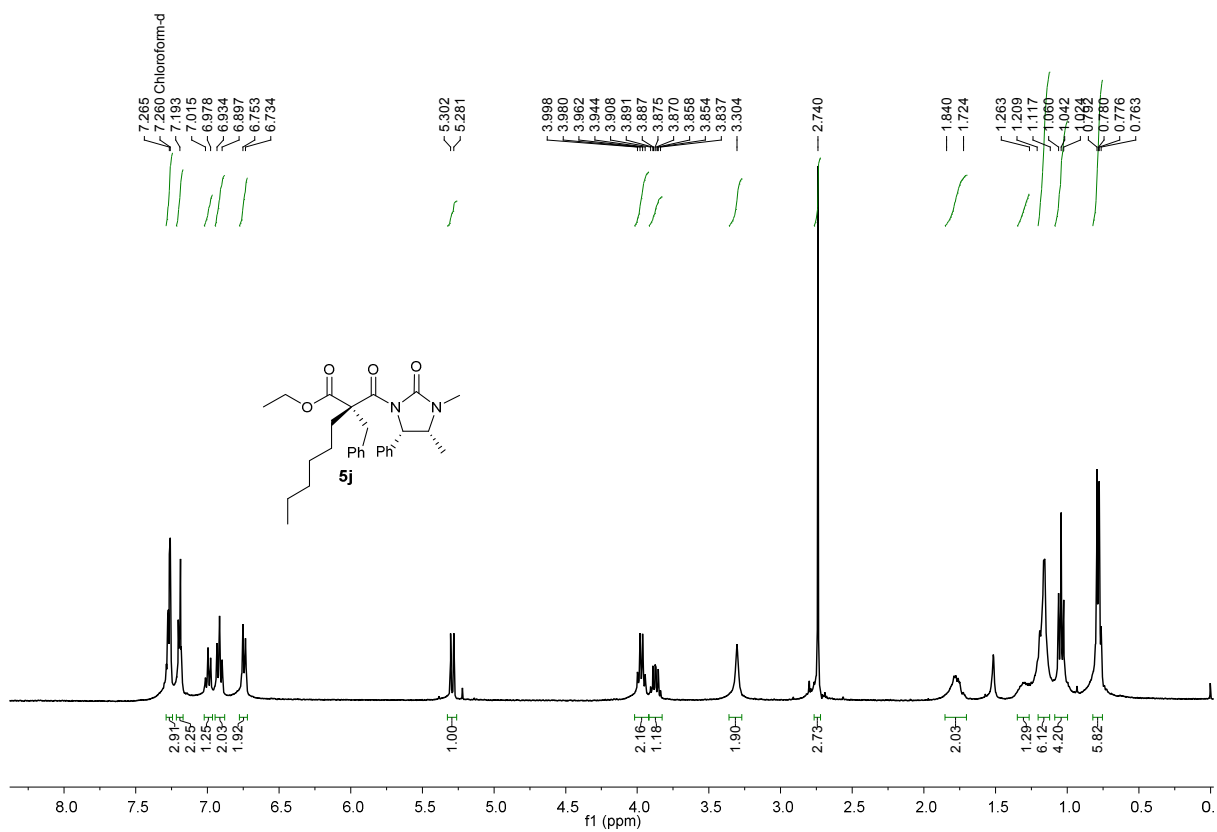


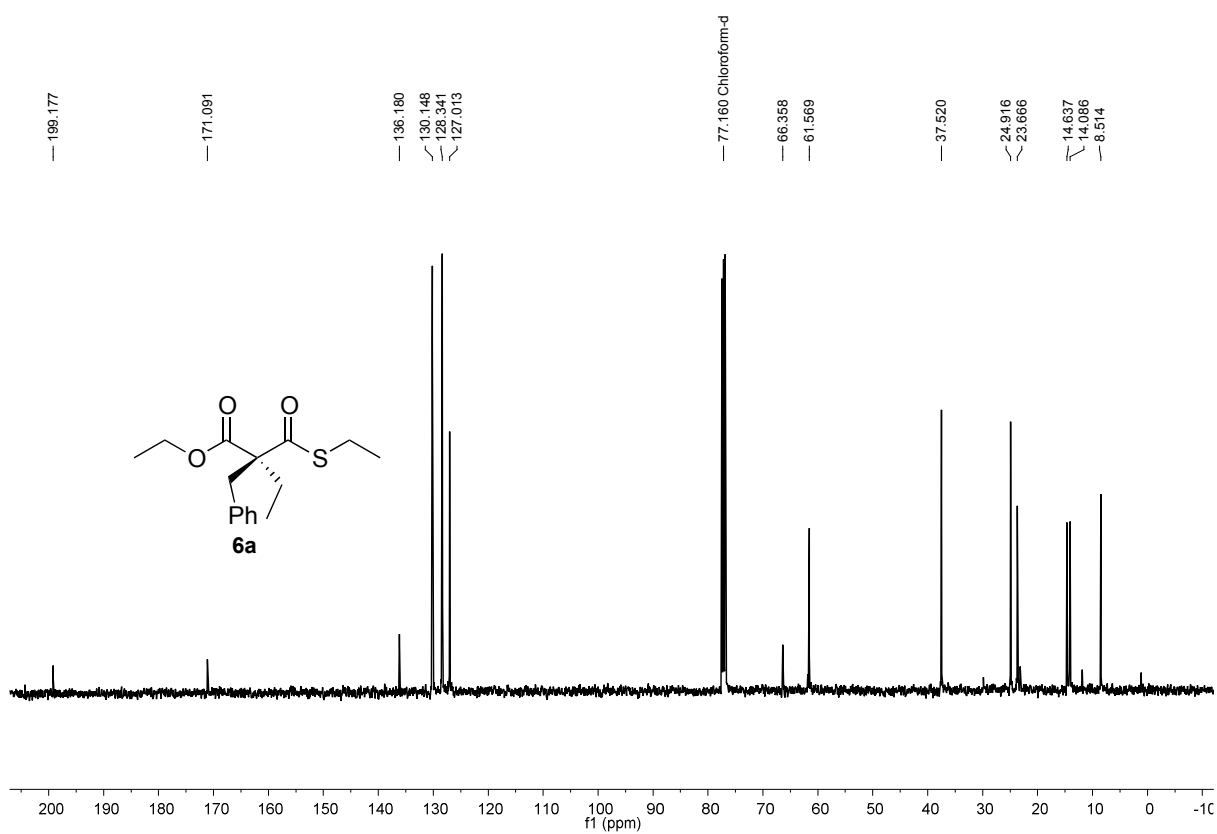
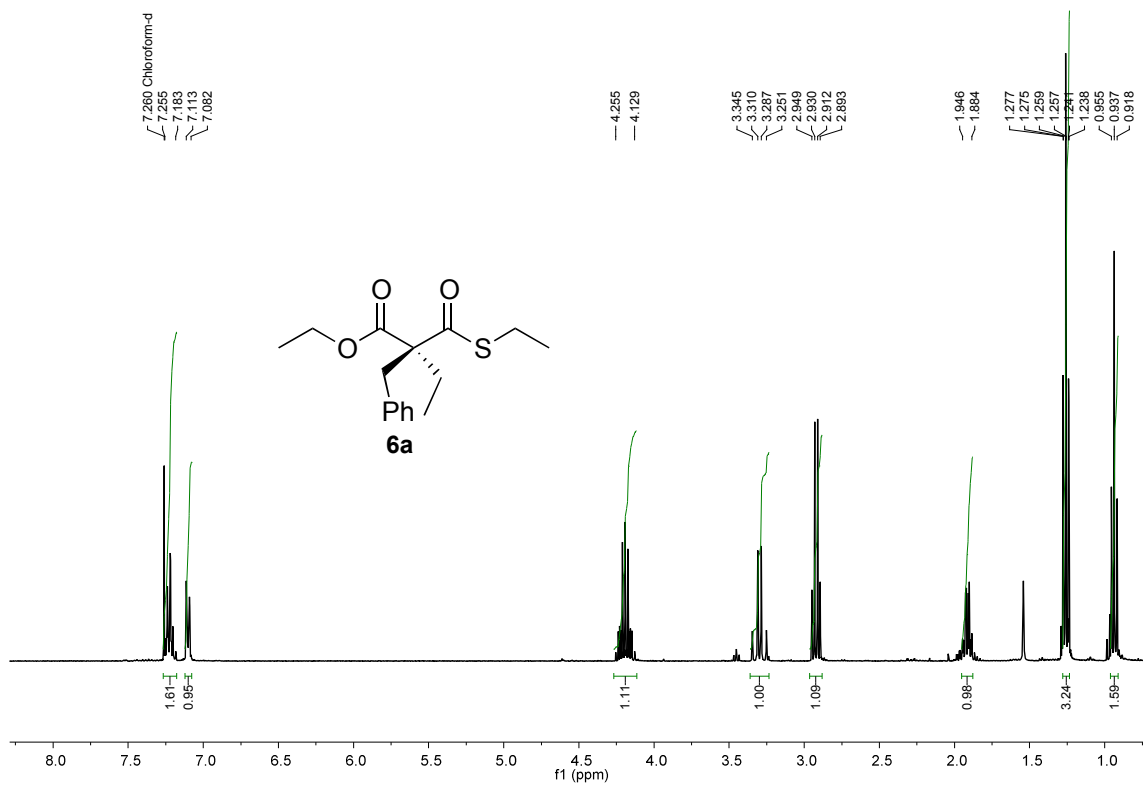


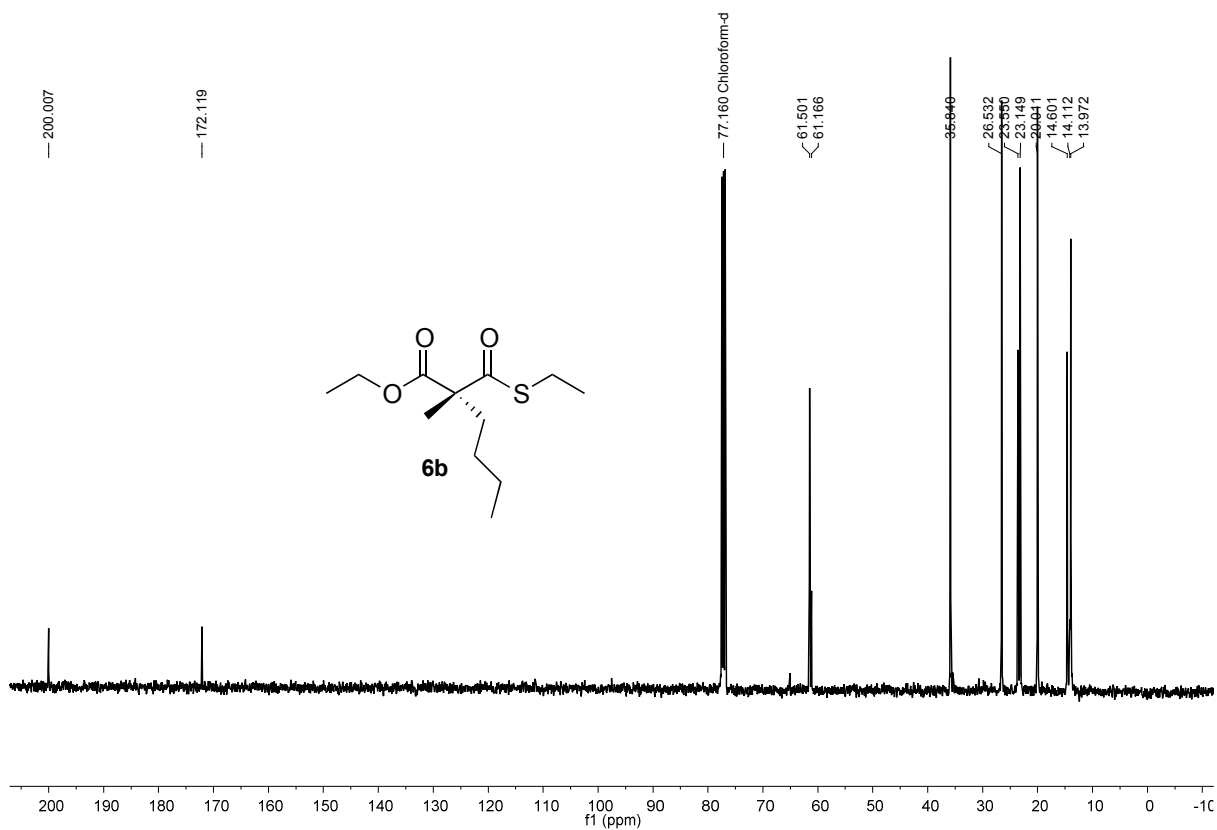
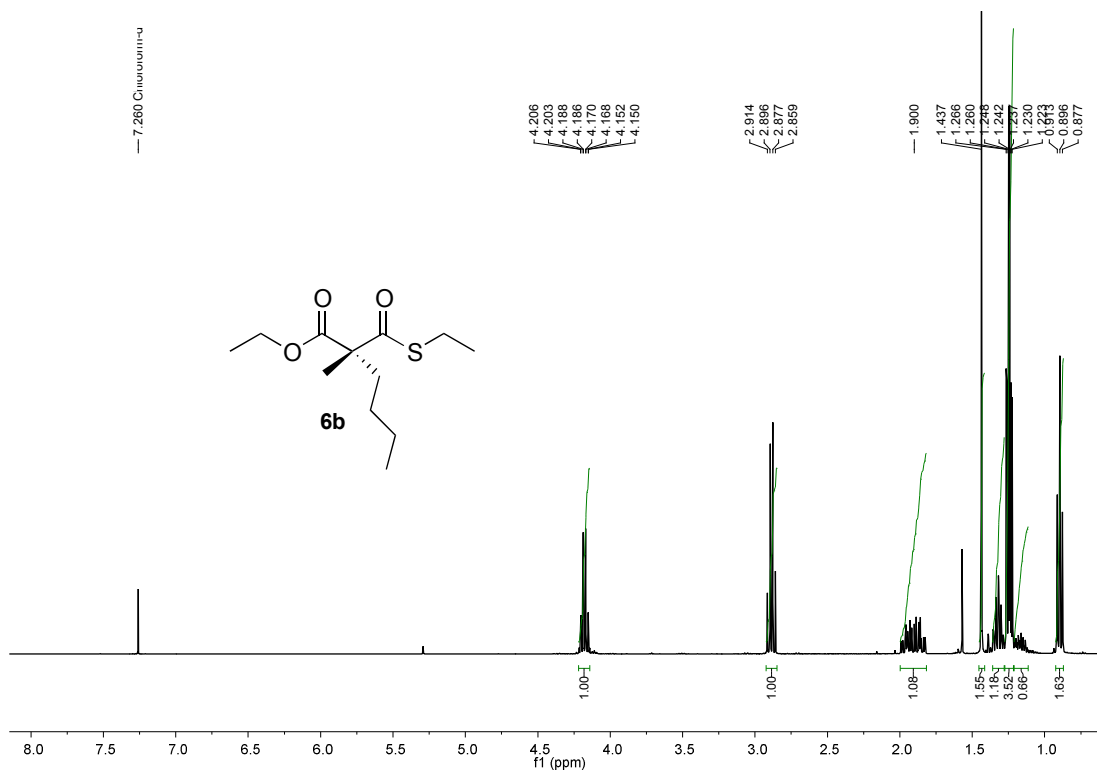


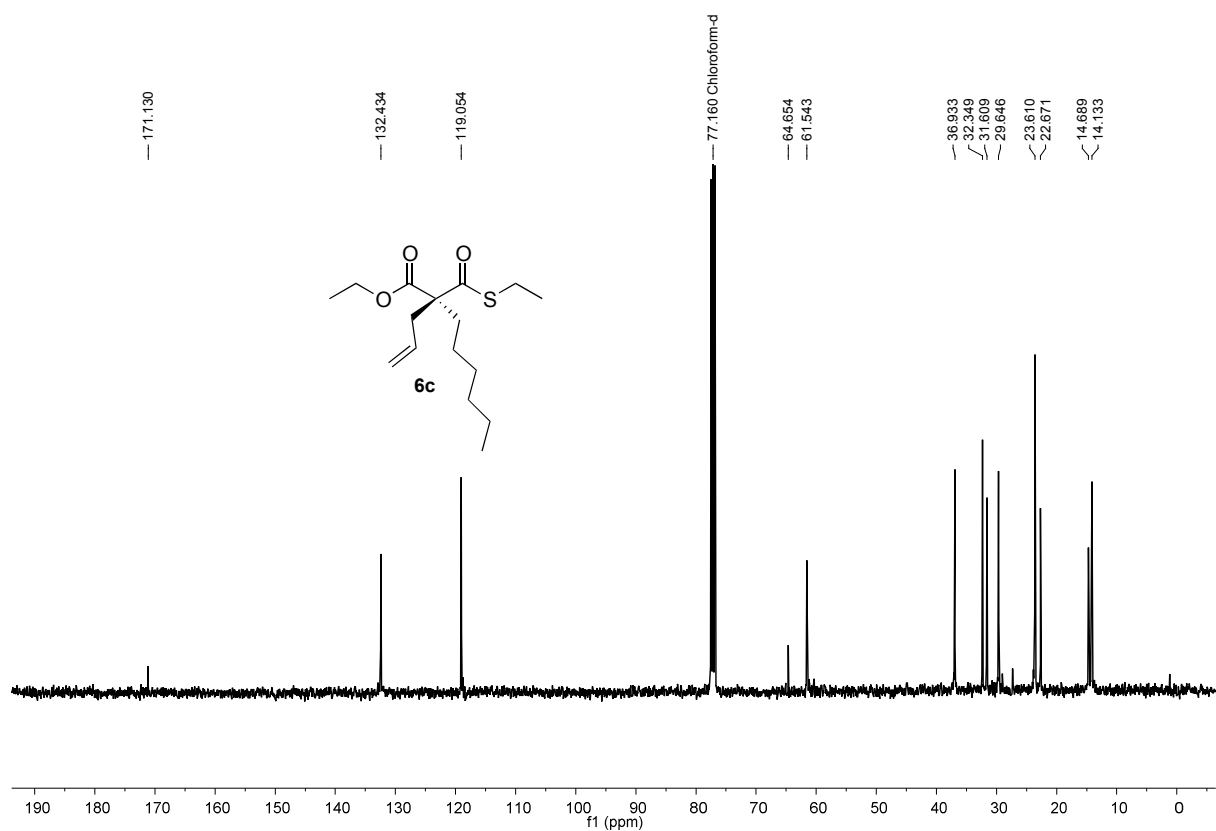
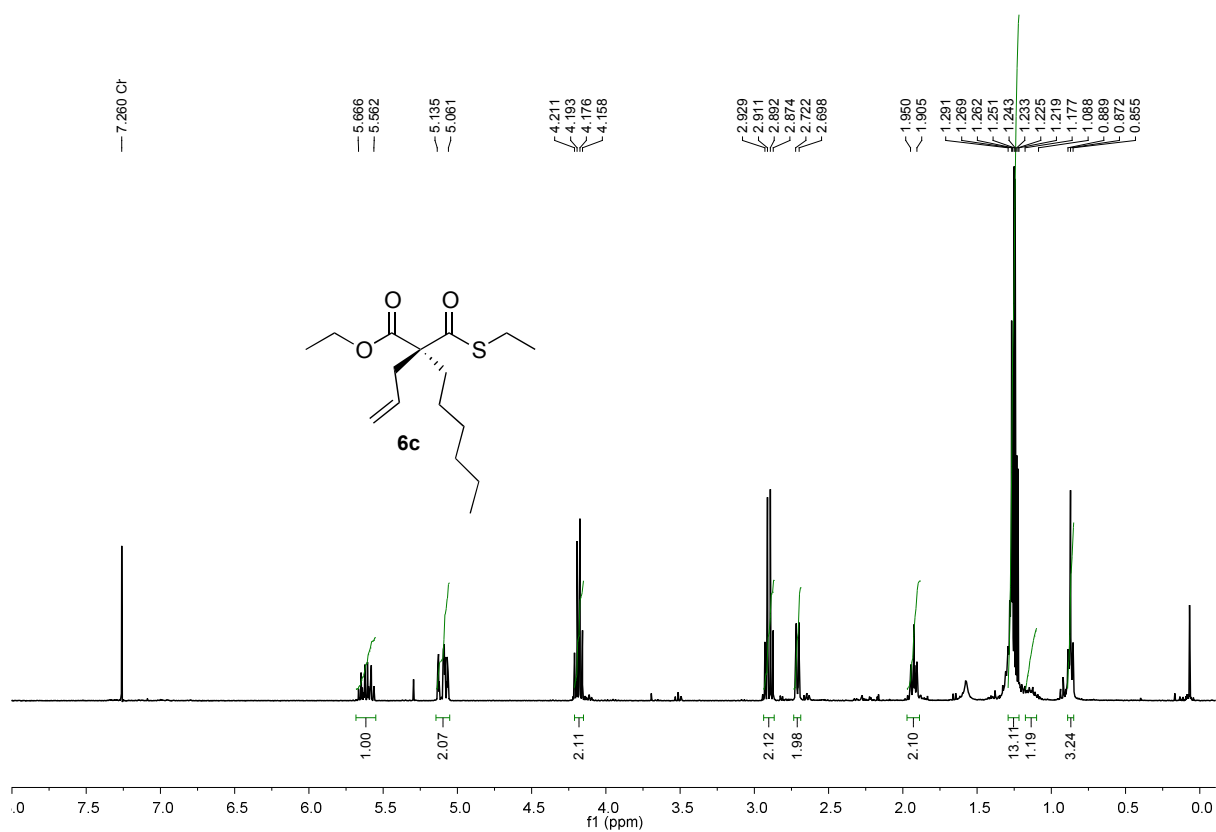


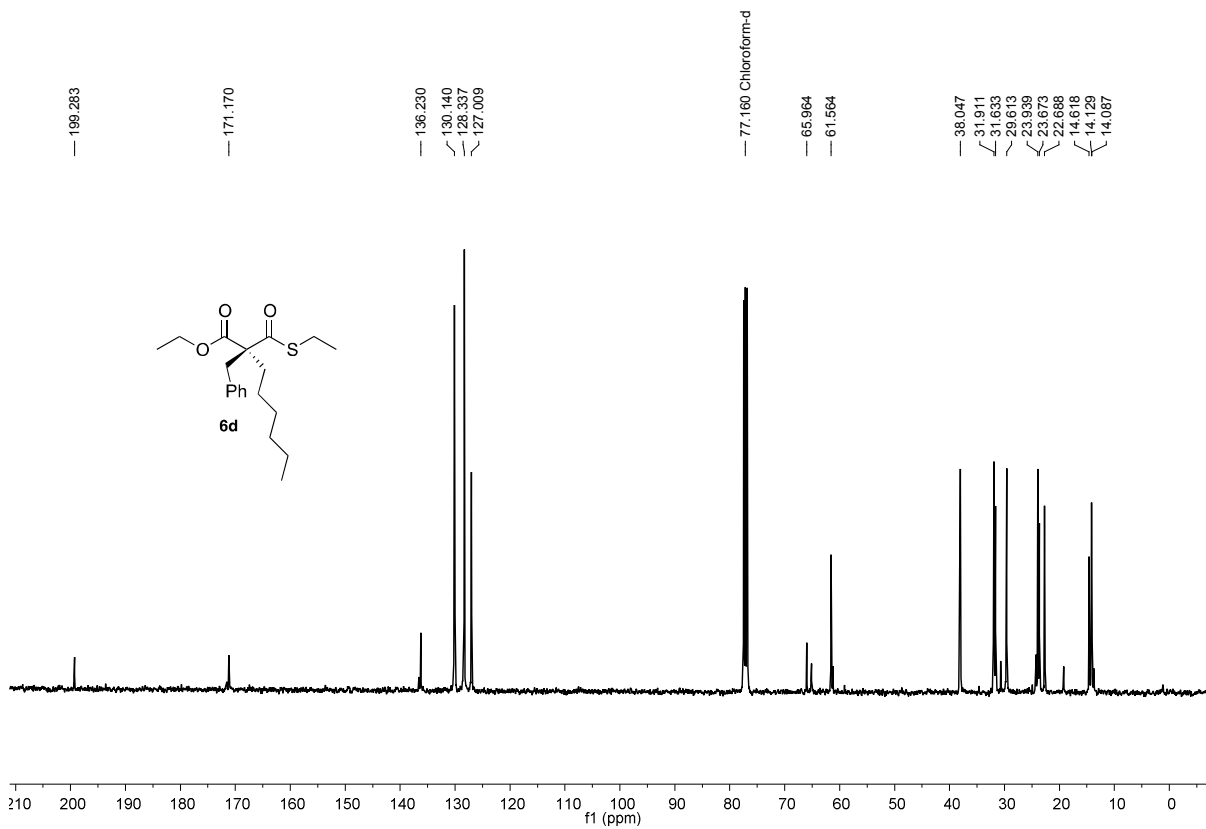
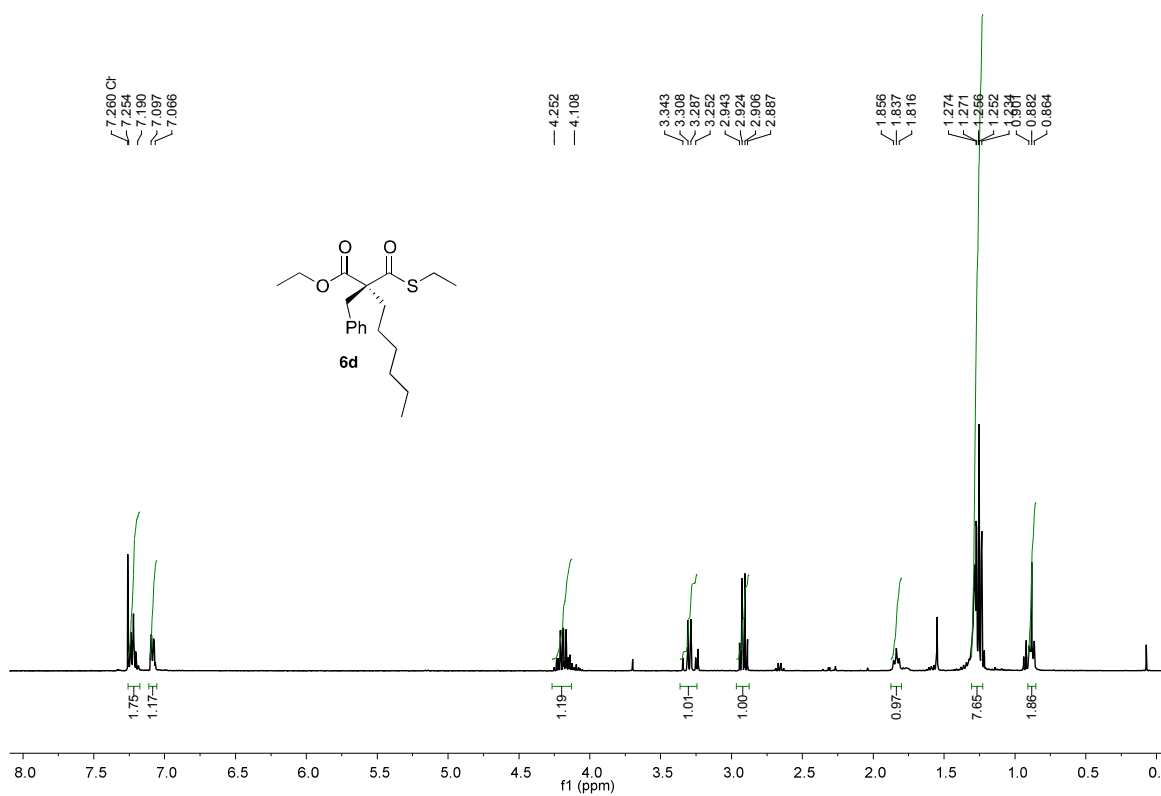


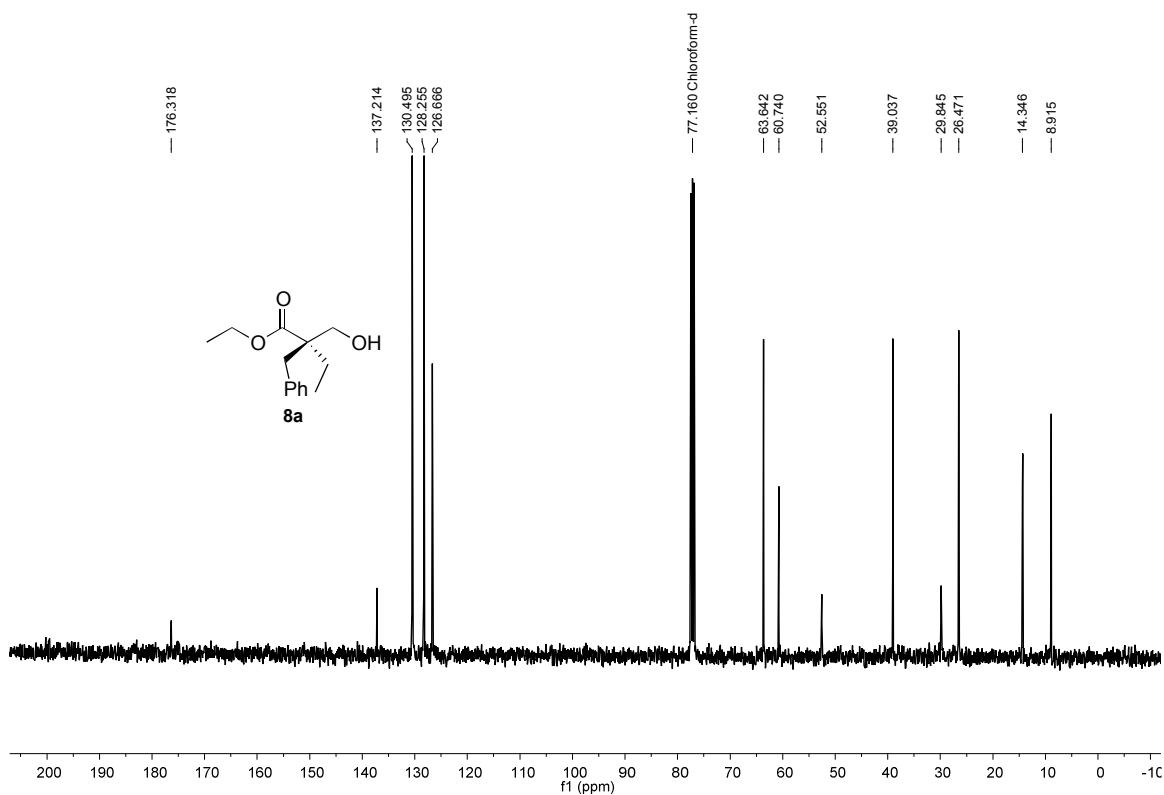
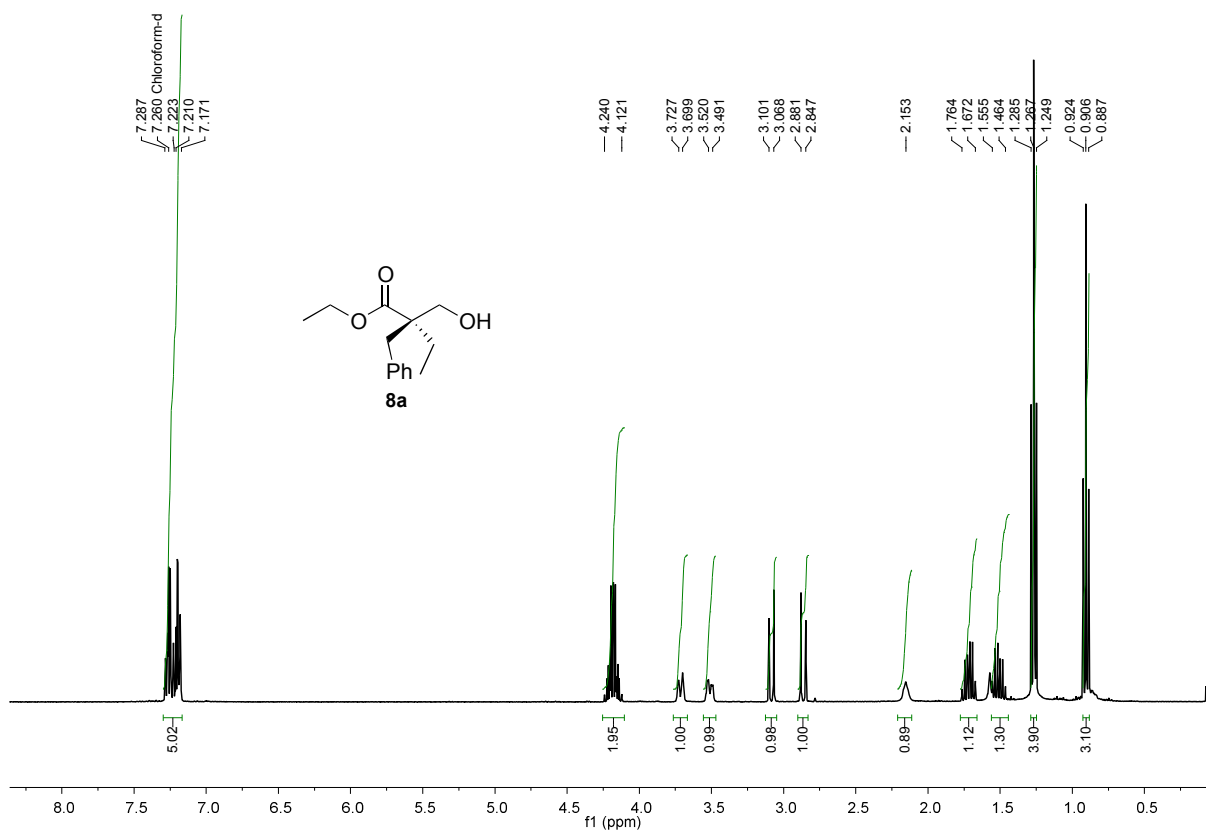


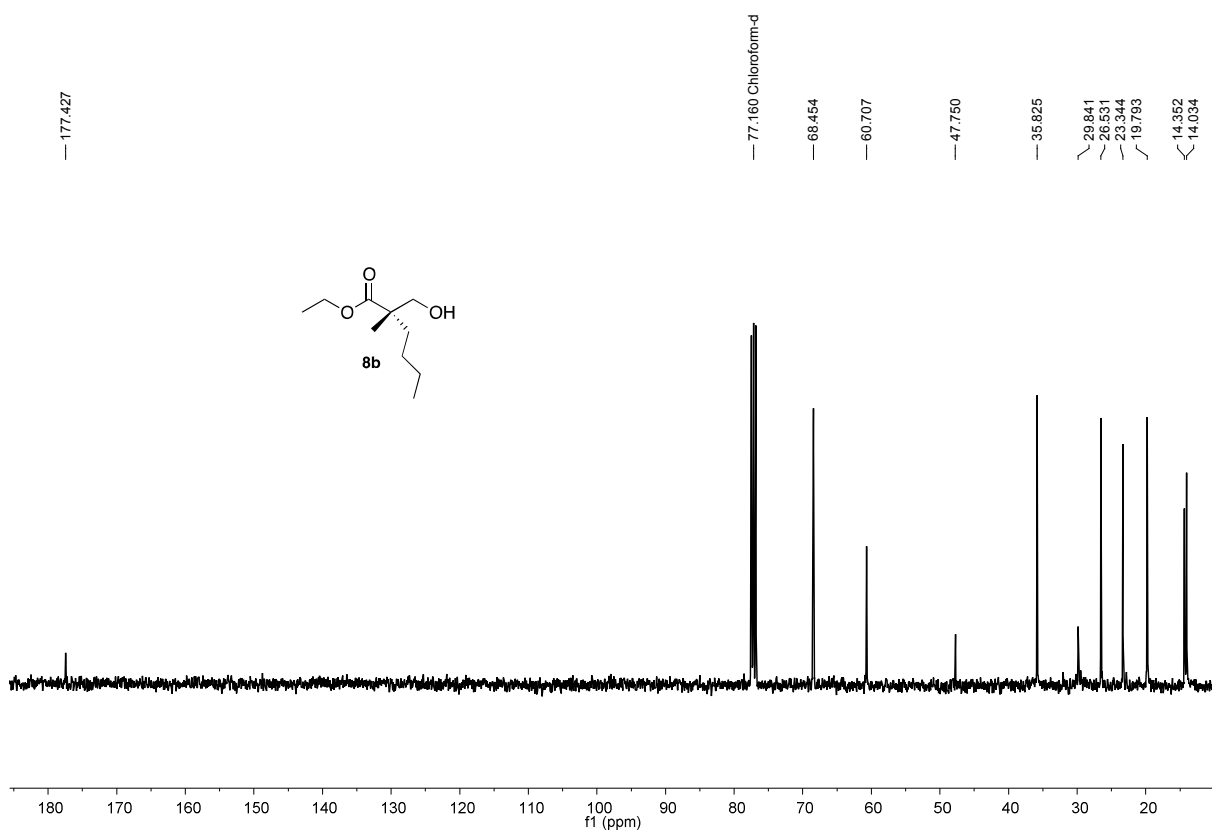
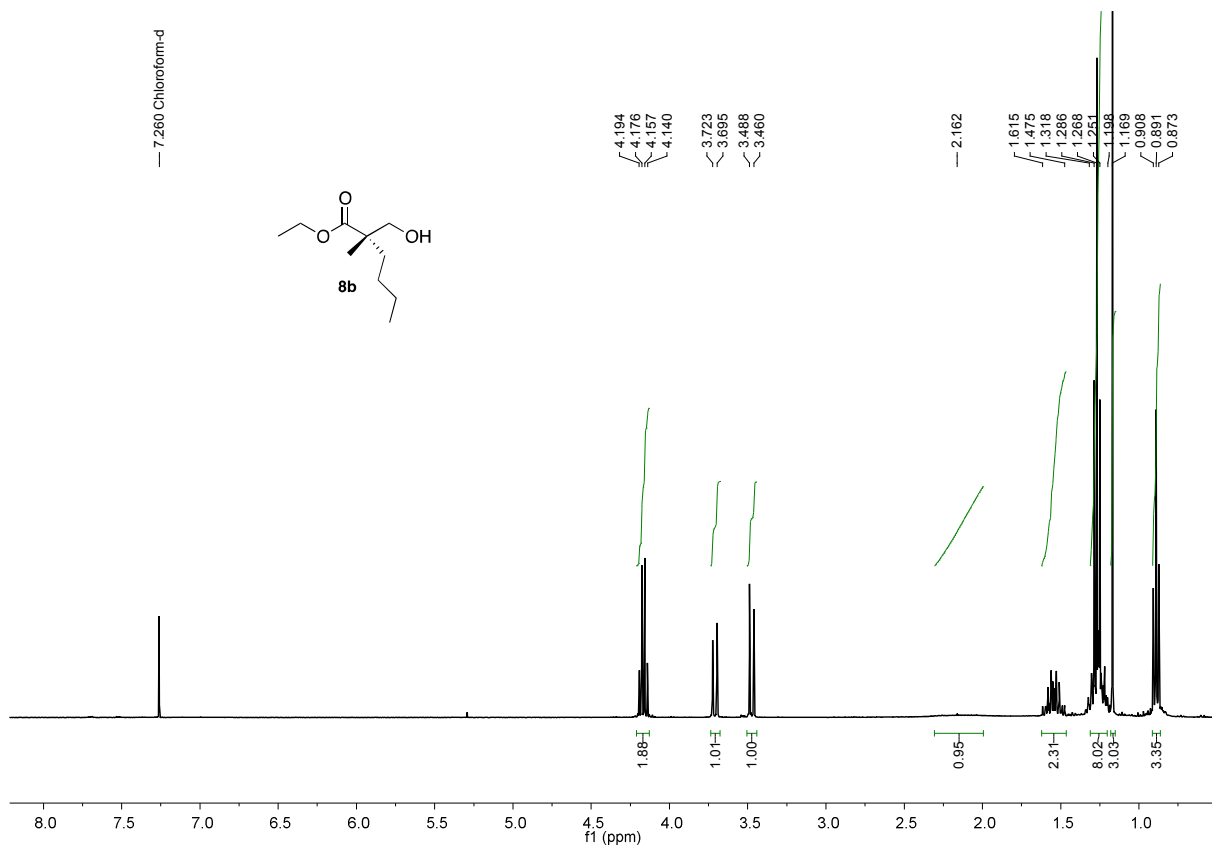


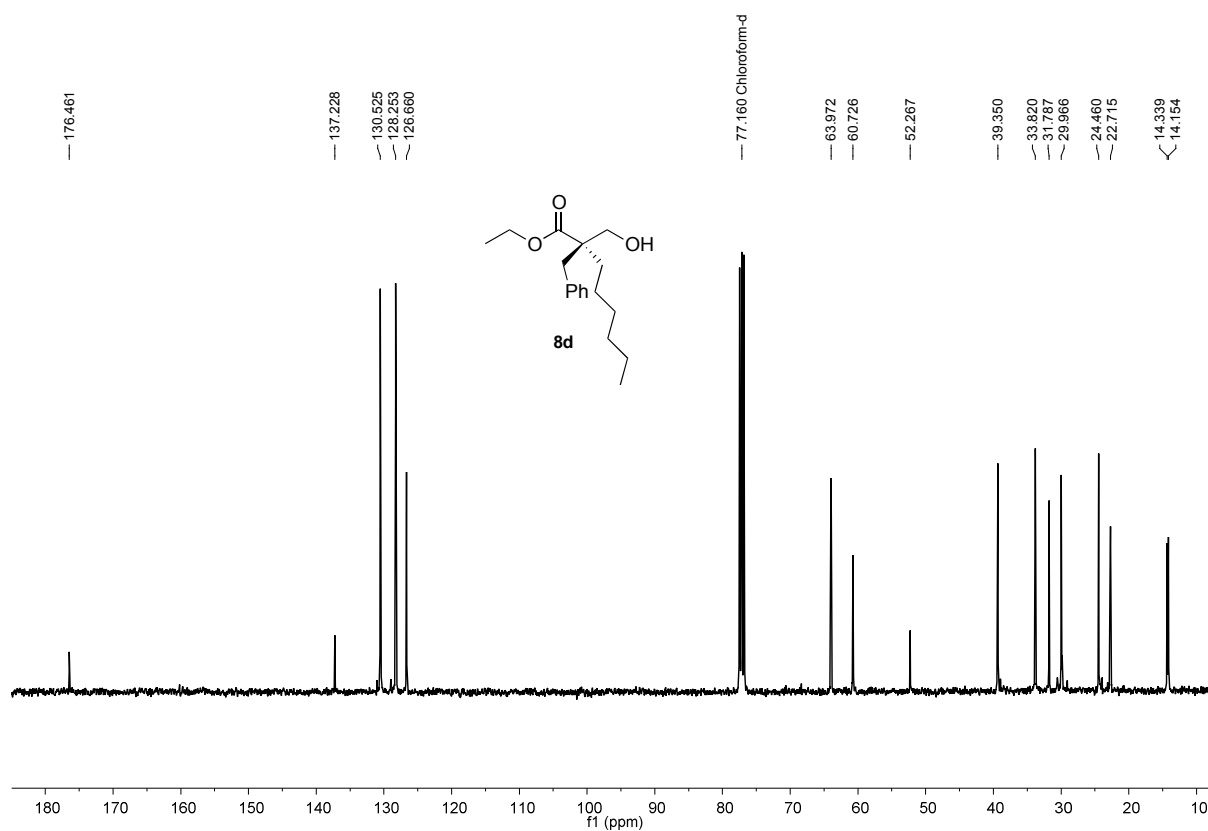
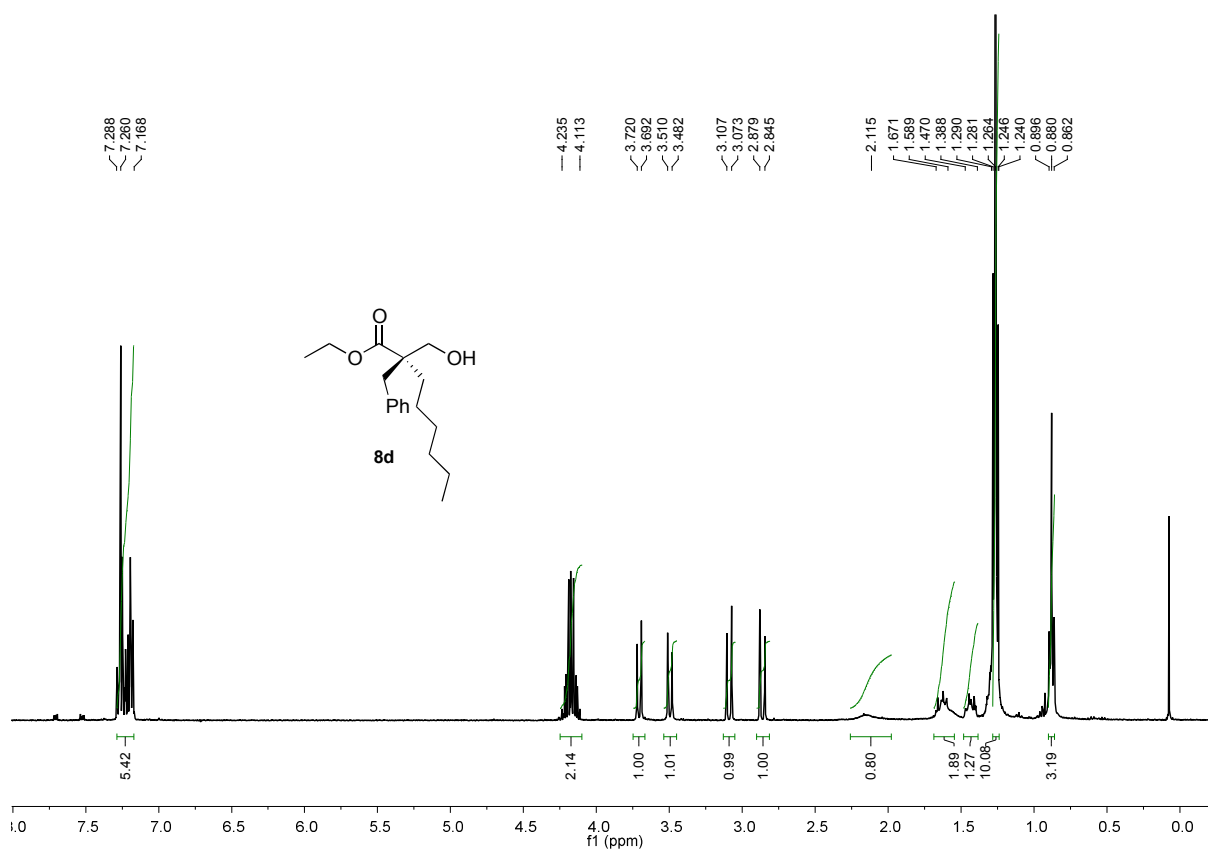


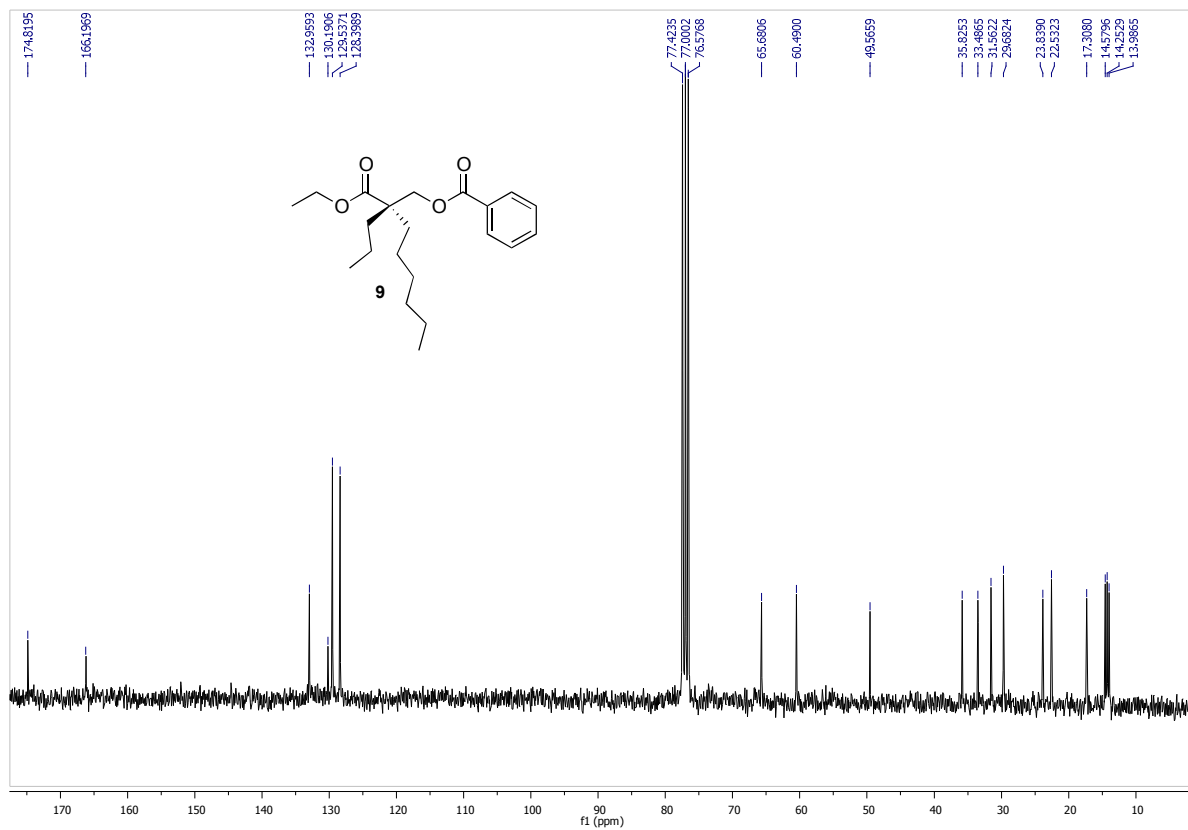
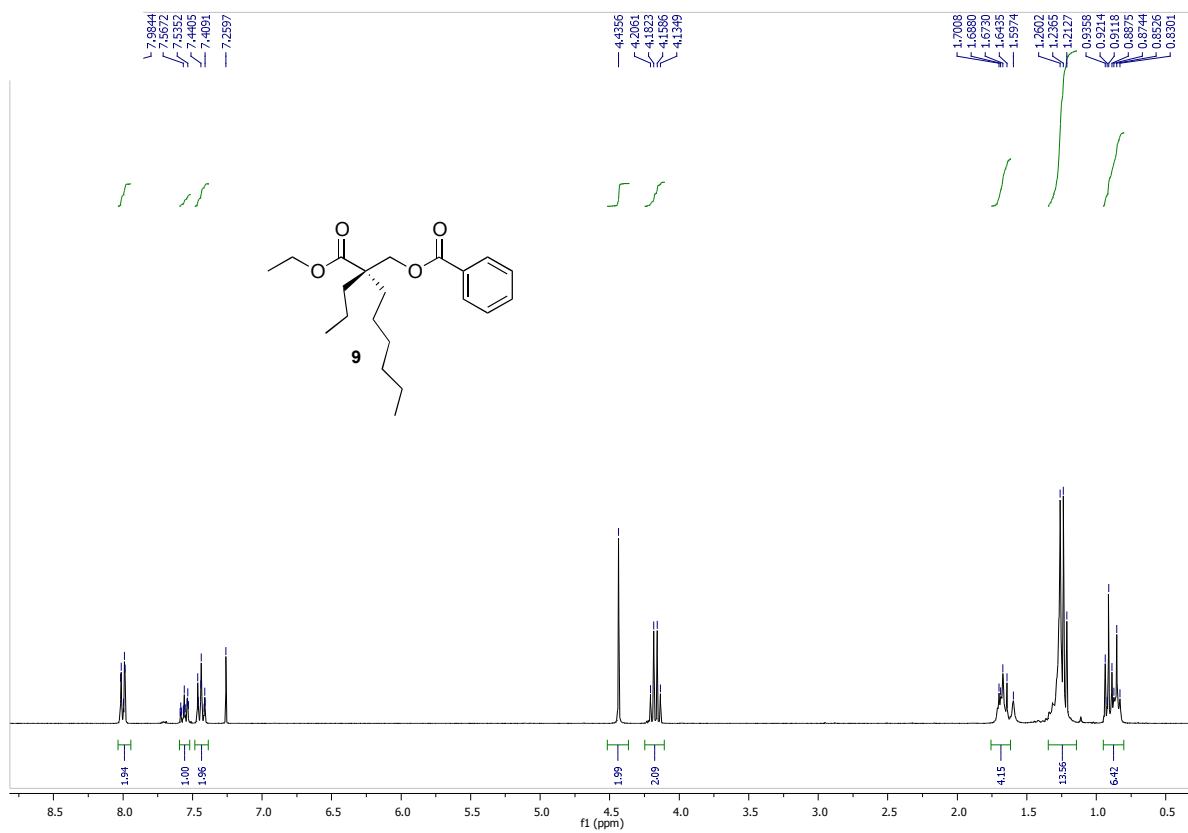




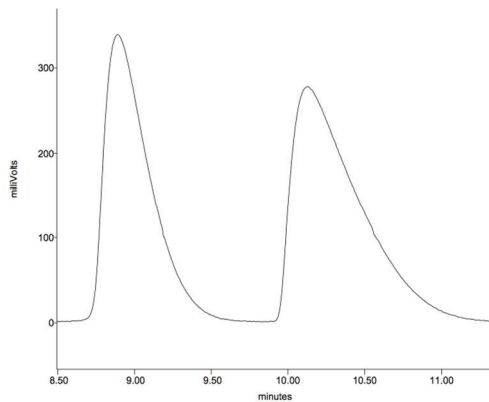
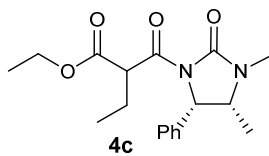




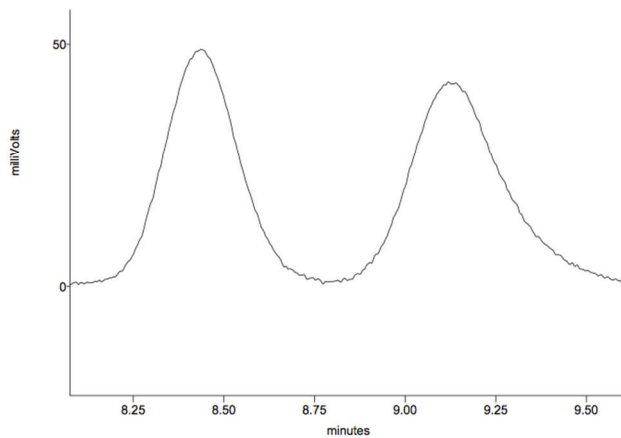
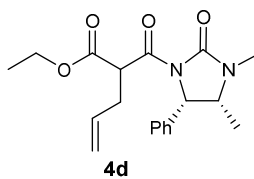




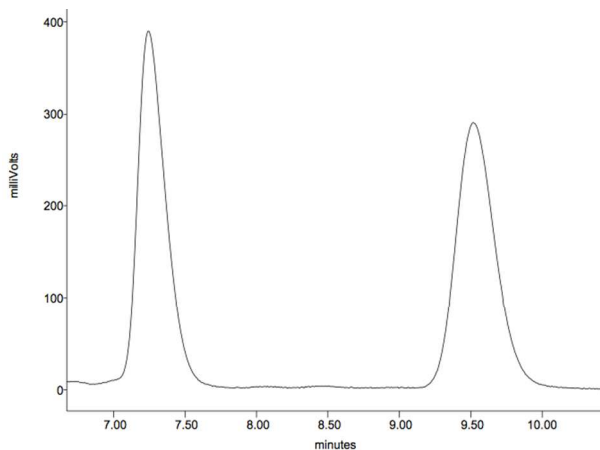
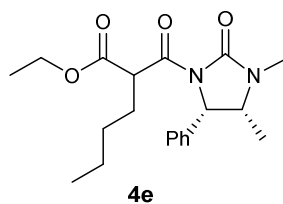
HPLC data



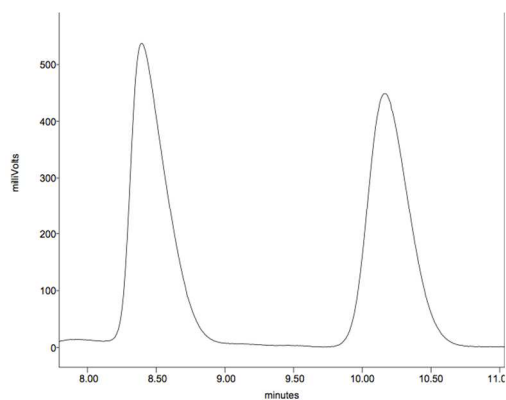
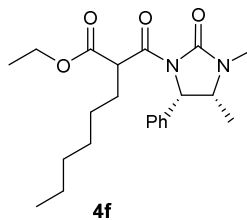
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9.96	658.09	48.9



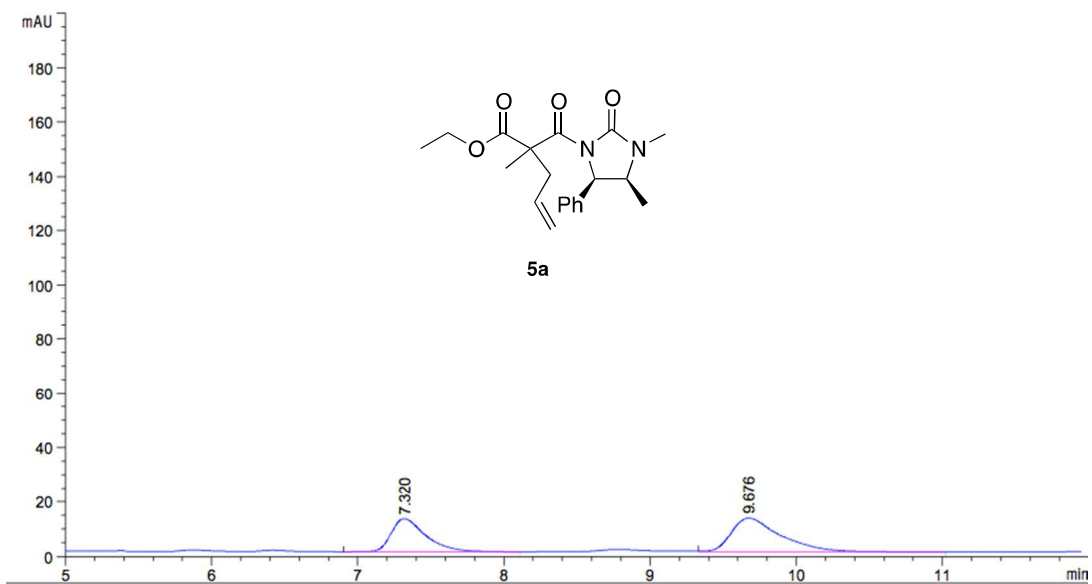
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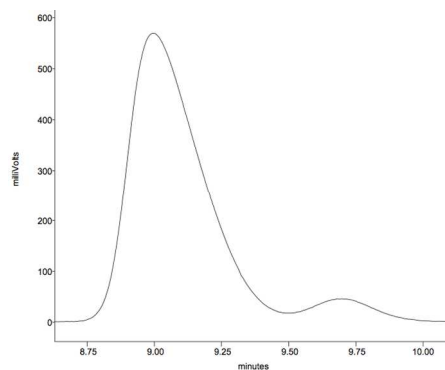
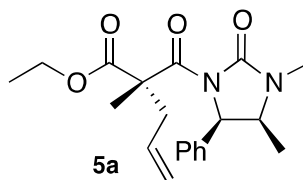
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9.50	488.50	48.8



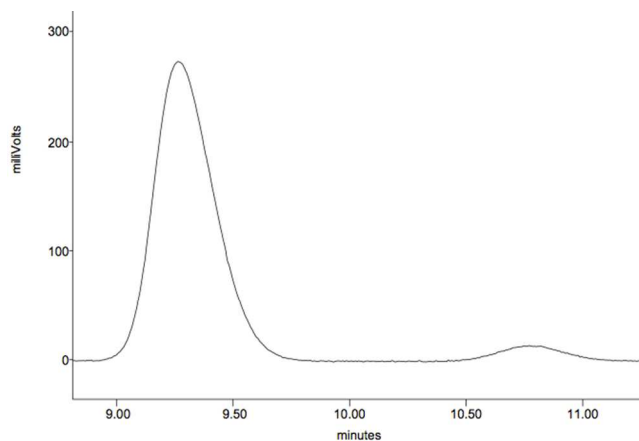
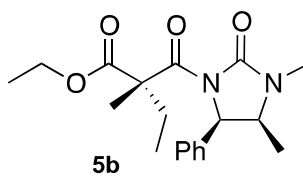
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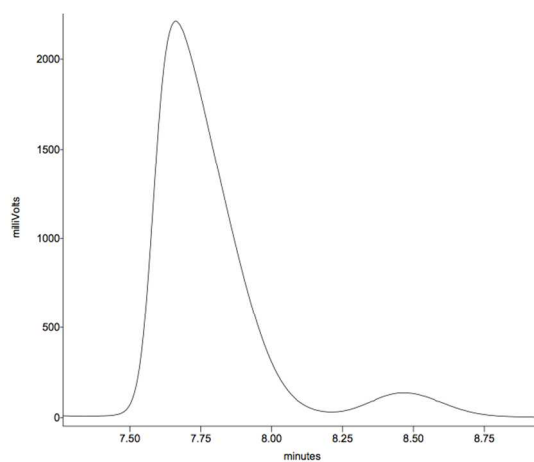
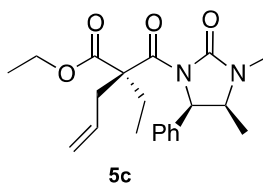
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9.68	293.61	60.0



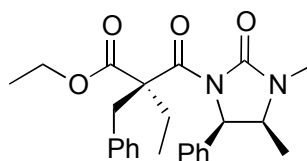
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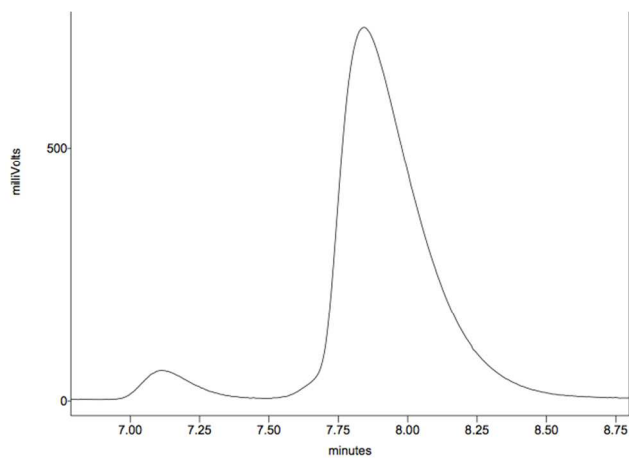
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10.55	22.14	5.3



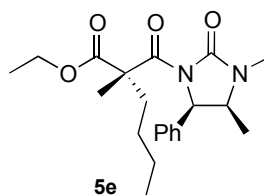
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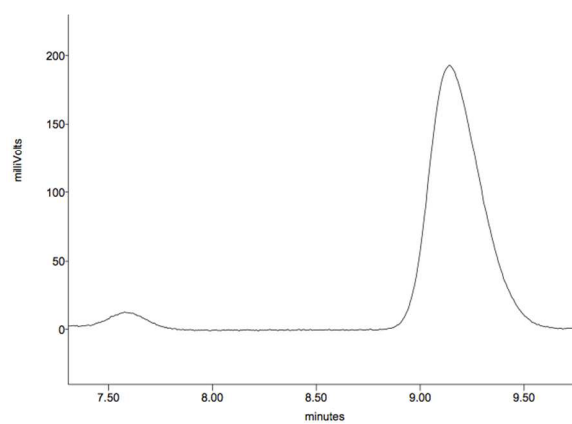
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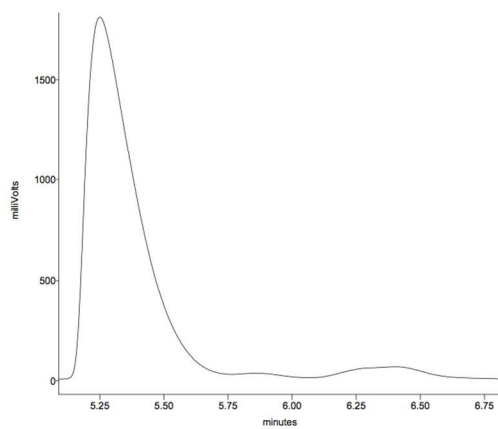
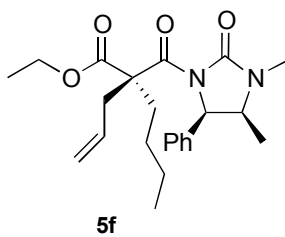
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7.63	1340.50	95.7



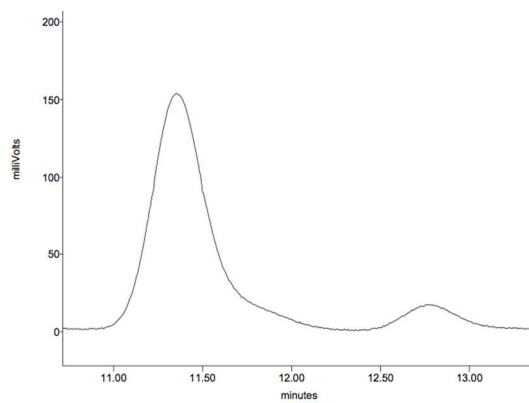
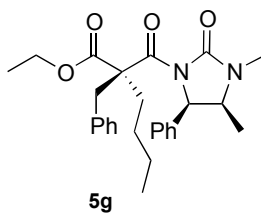
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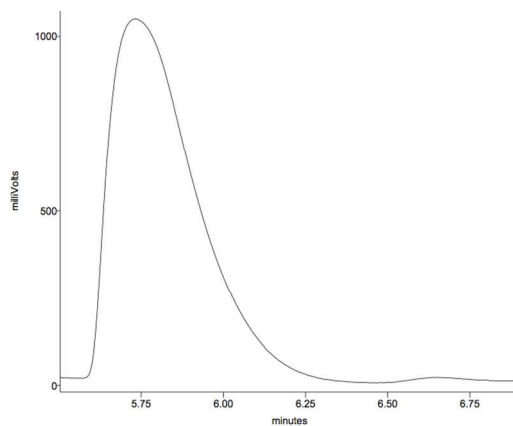
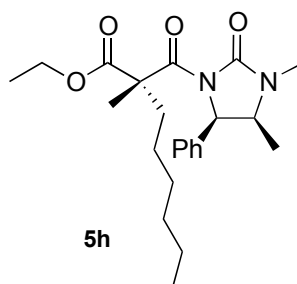
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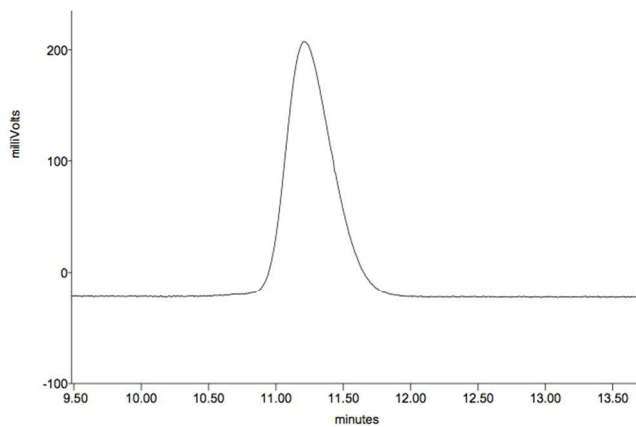
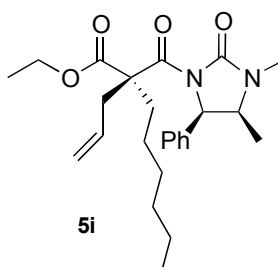
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6.13	97.08	3.9



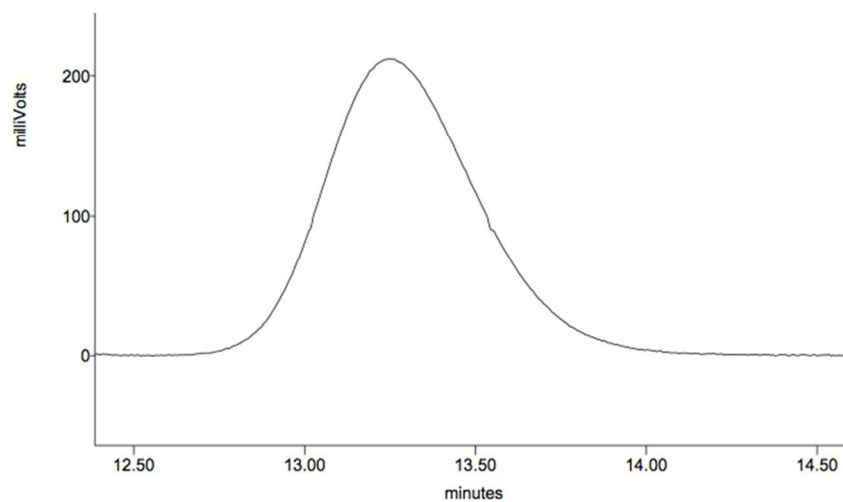
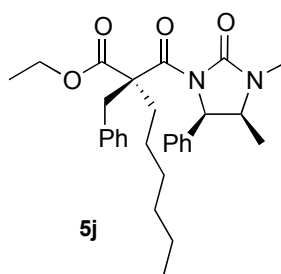
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12.55	21.78	7.0



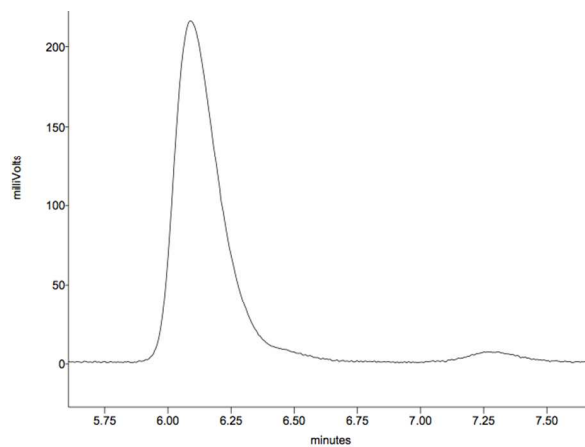
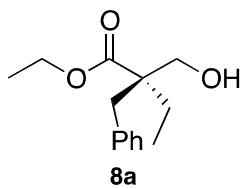
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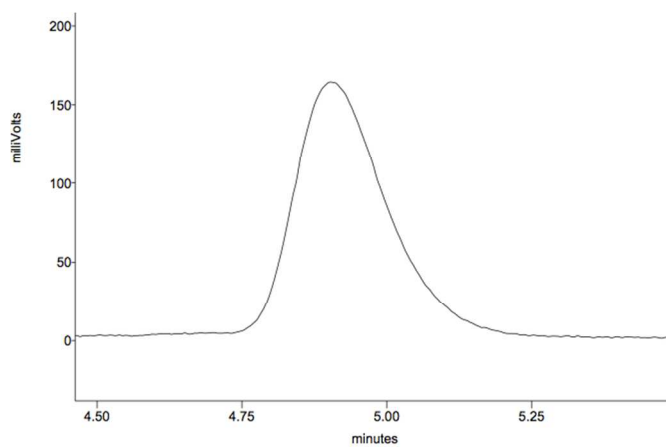
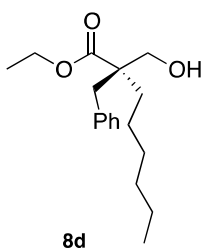
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10.92	5950.64	>99.9



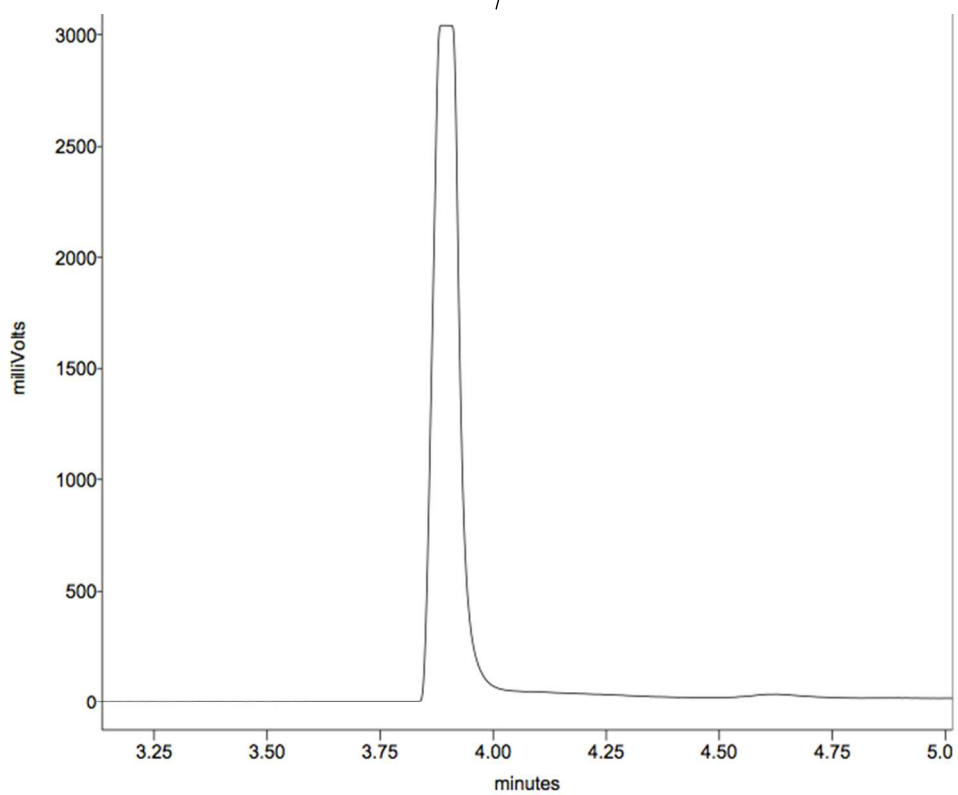
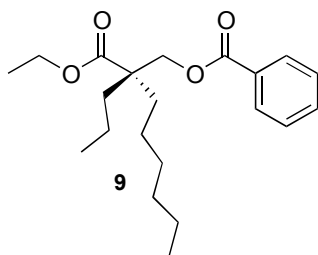
Retention time (min)	Area (mAU*s)	Area %
13.25	6681.11	>99.9



Retention time (min)	Area (mAU*s)	Area %
5.95	2521.83	97.2
7.12	71.32	2.8



Retention time (min)	Area (mAU*s)	Area %
4.75	1728.55	>99.9



Retention time (min)	Area (mAU*s)	Area %
3.84	2521.83	97.2
4.57	71.32	2.8