

Electronic Supporting Information

Synthesis and catalytic applications of ruthenium(II)-phosphino-oxime complexes

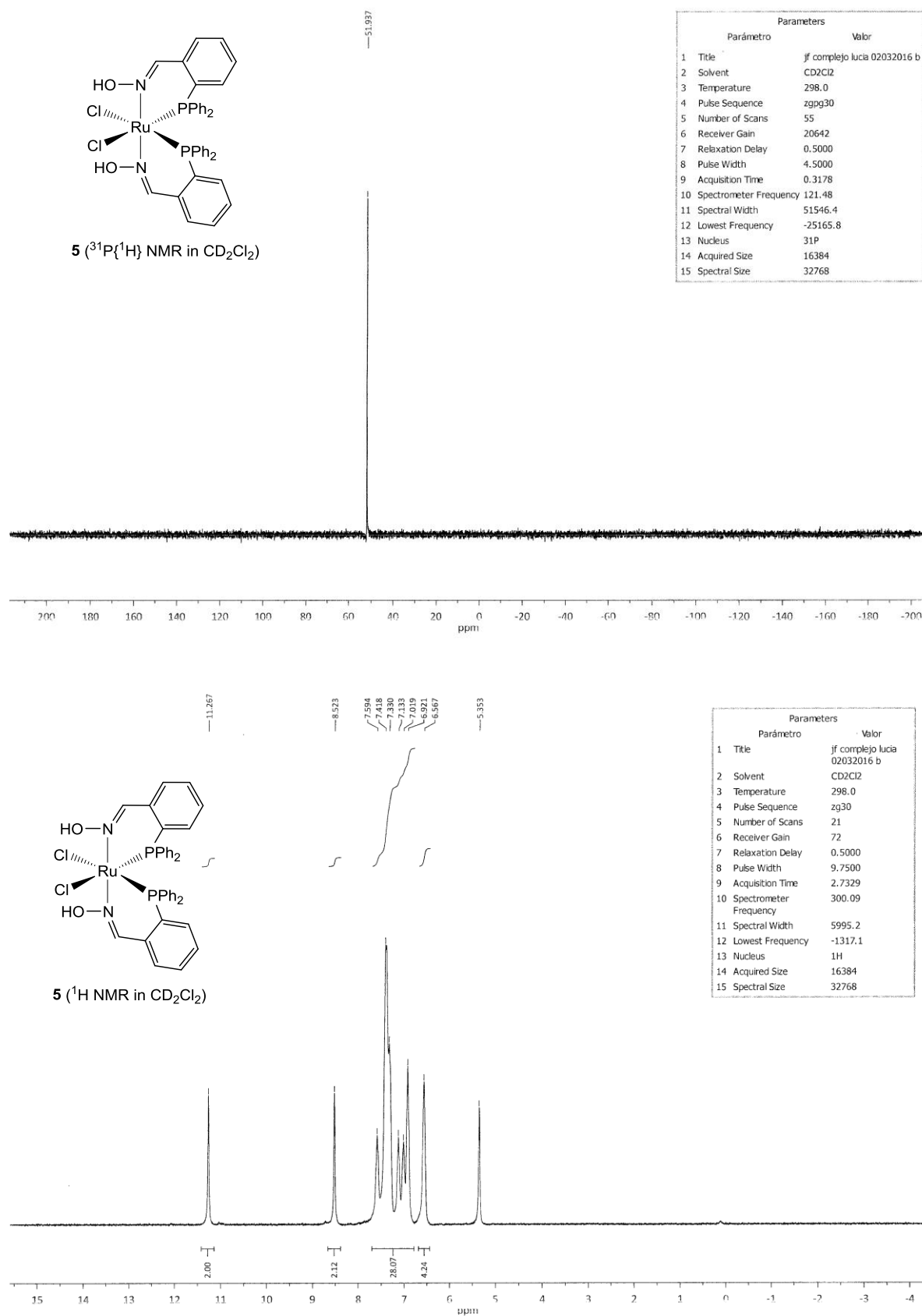
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Figure S1. NMR spectra of complex 5.



Parameters		
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2	Solvent	CD2Cl2
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5	Number of Scans	18033
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7	Relaxation Delay	2.0000
8	Pulse Width	8.7500
9	Acquisition Time	0.7324
10	Spectrometer Frequency	100.62
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12	Lowest Frequency	-119.7
13	Nucleus	13C
14	Acquired Size	16384
15	Spectral Size	32768

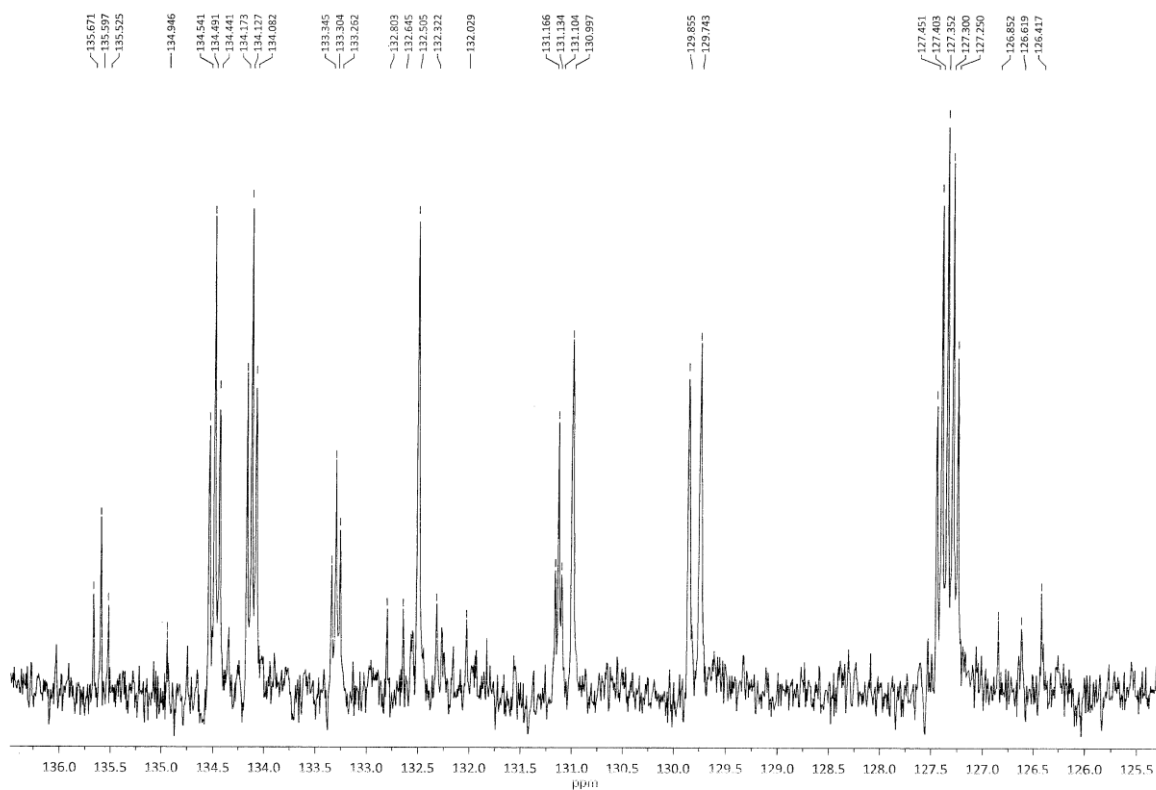
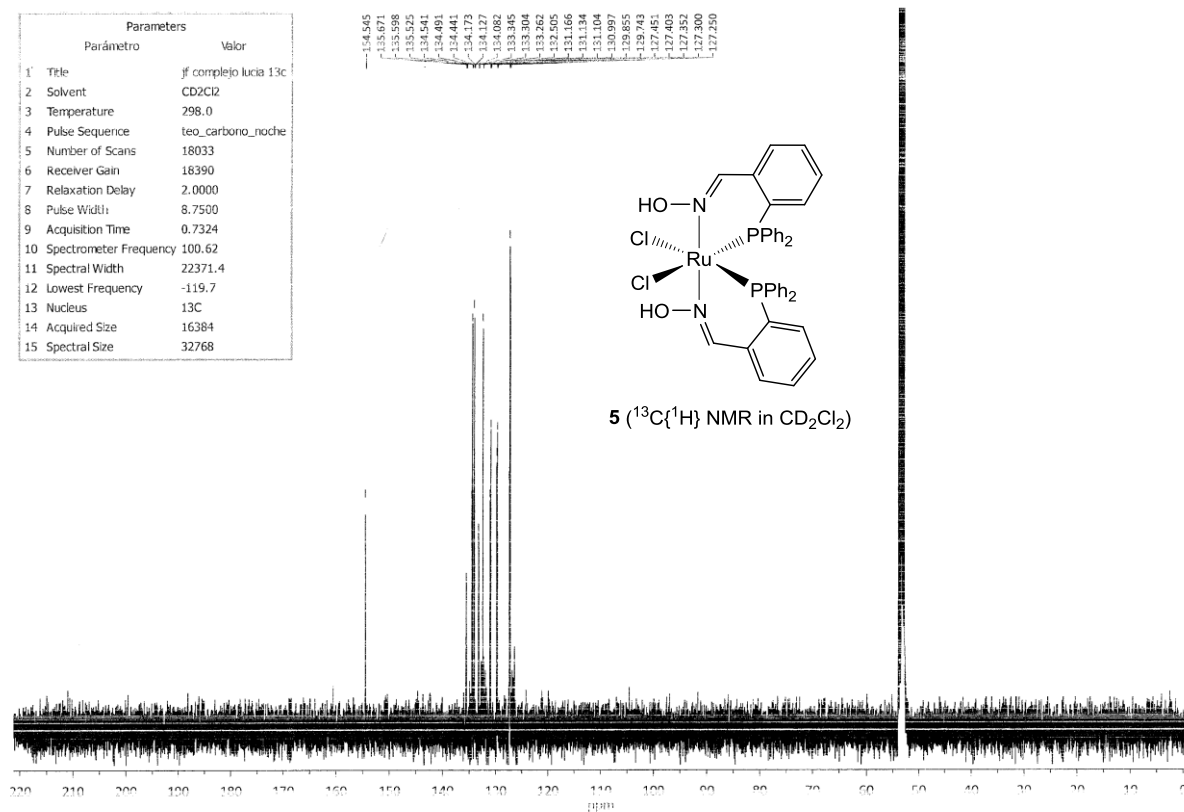
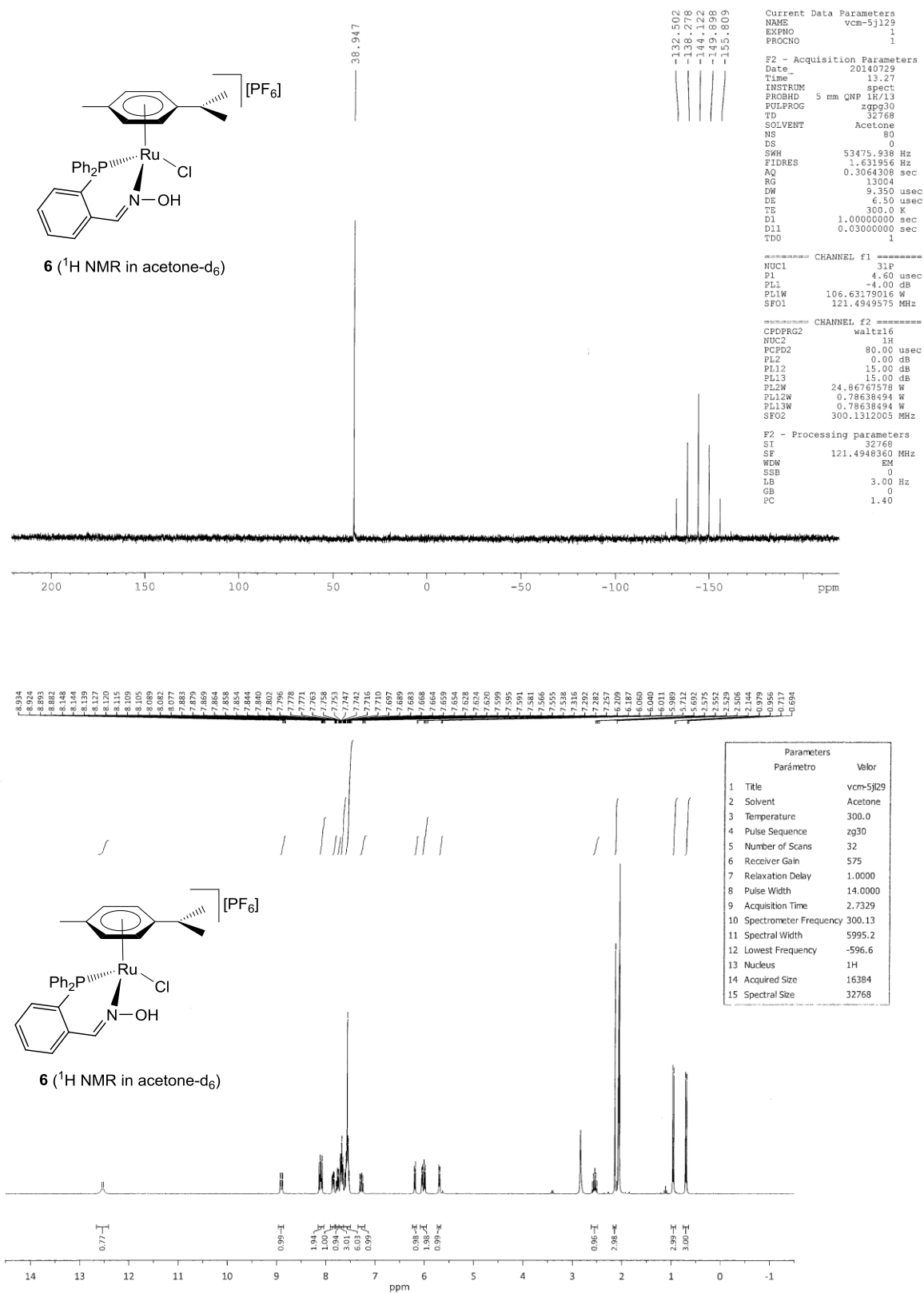


Figure S2. NMR spectra of complex **6**.



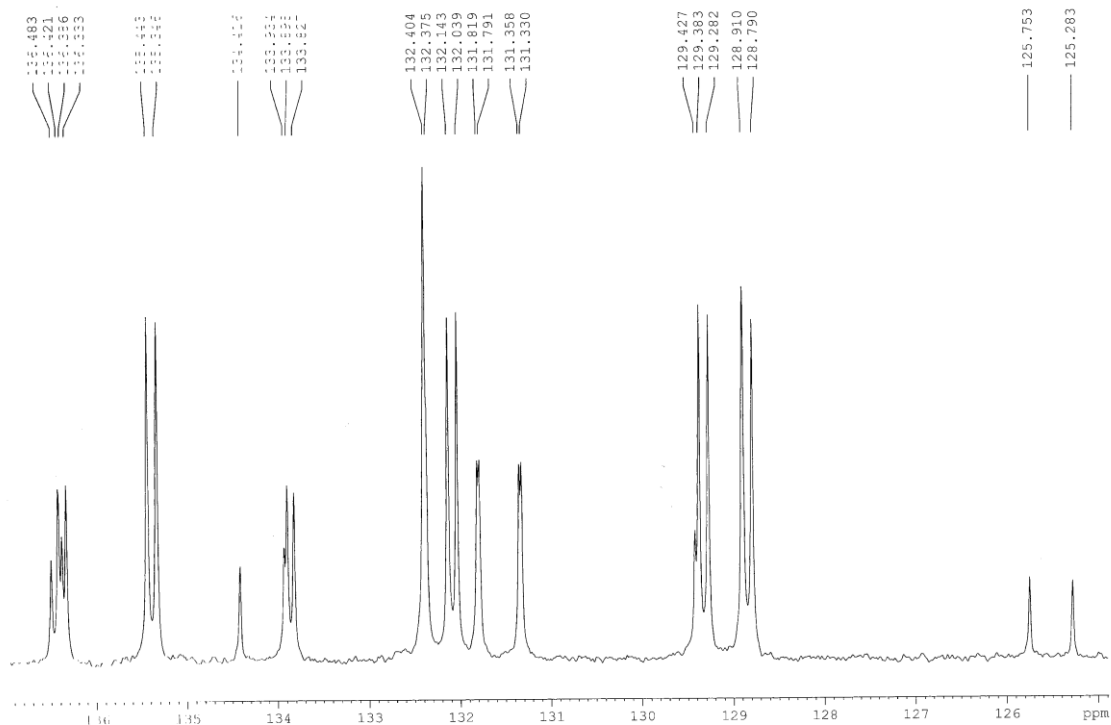
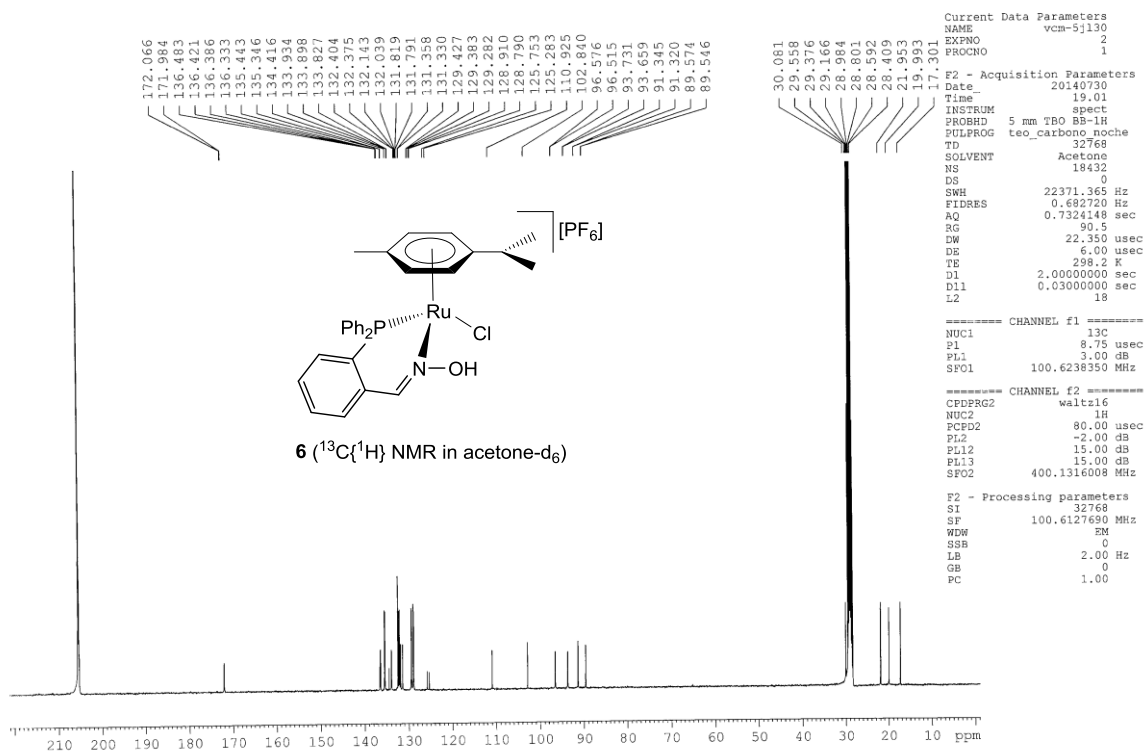
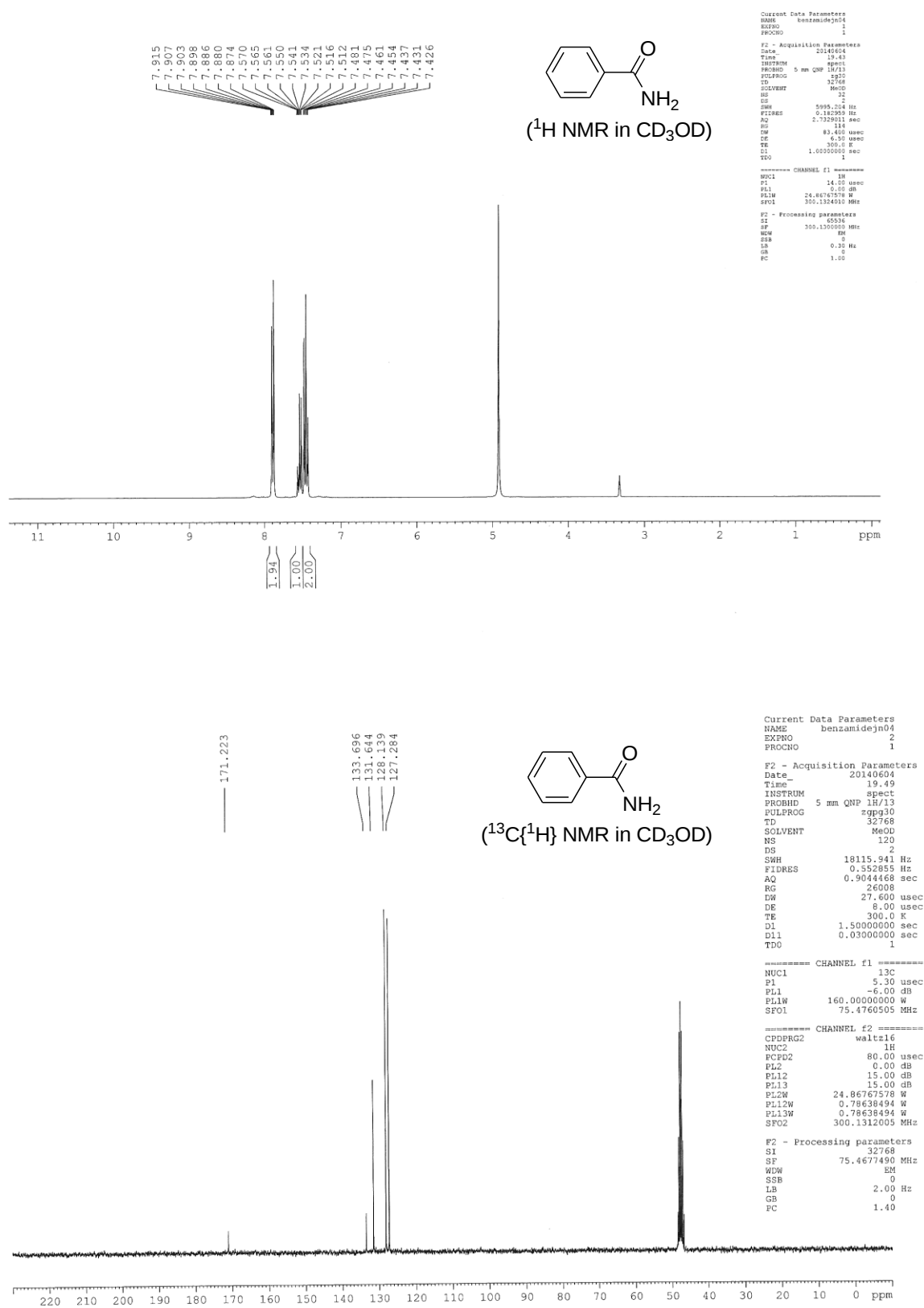
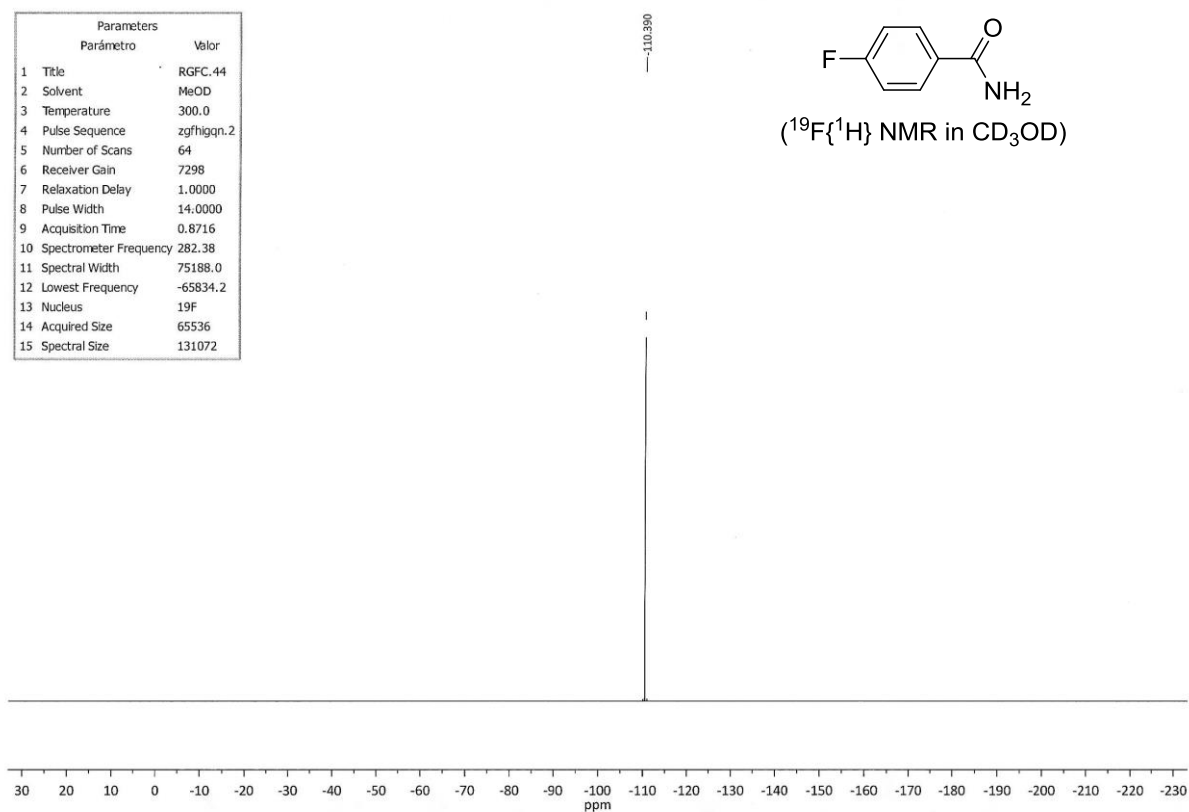
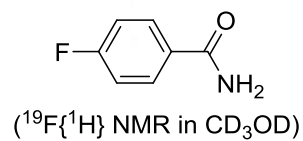


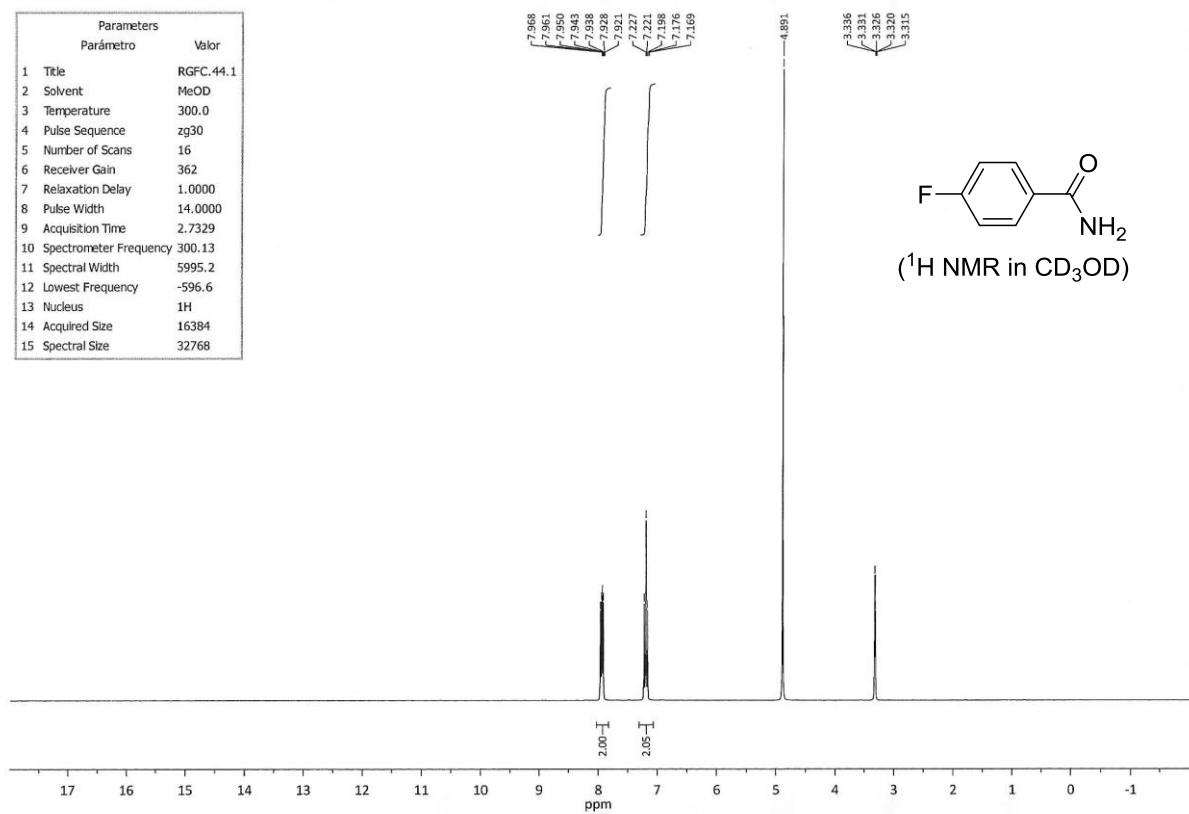
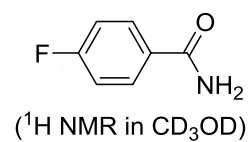
Figure S3. NMR spectra of the primary amides synthesized in this work.



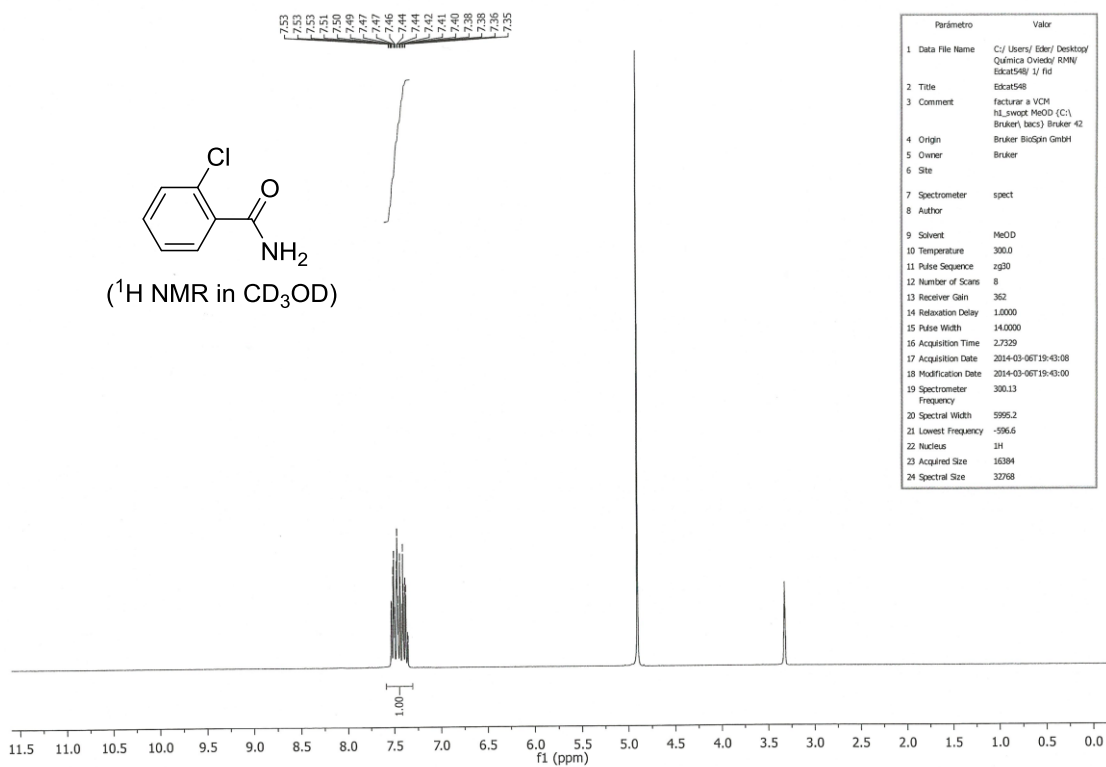
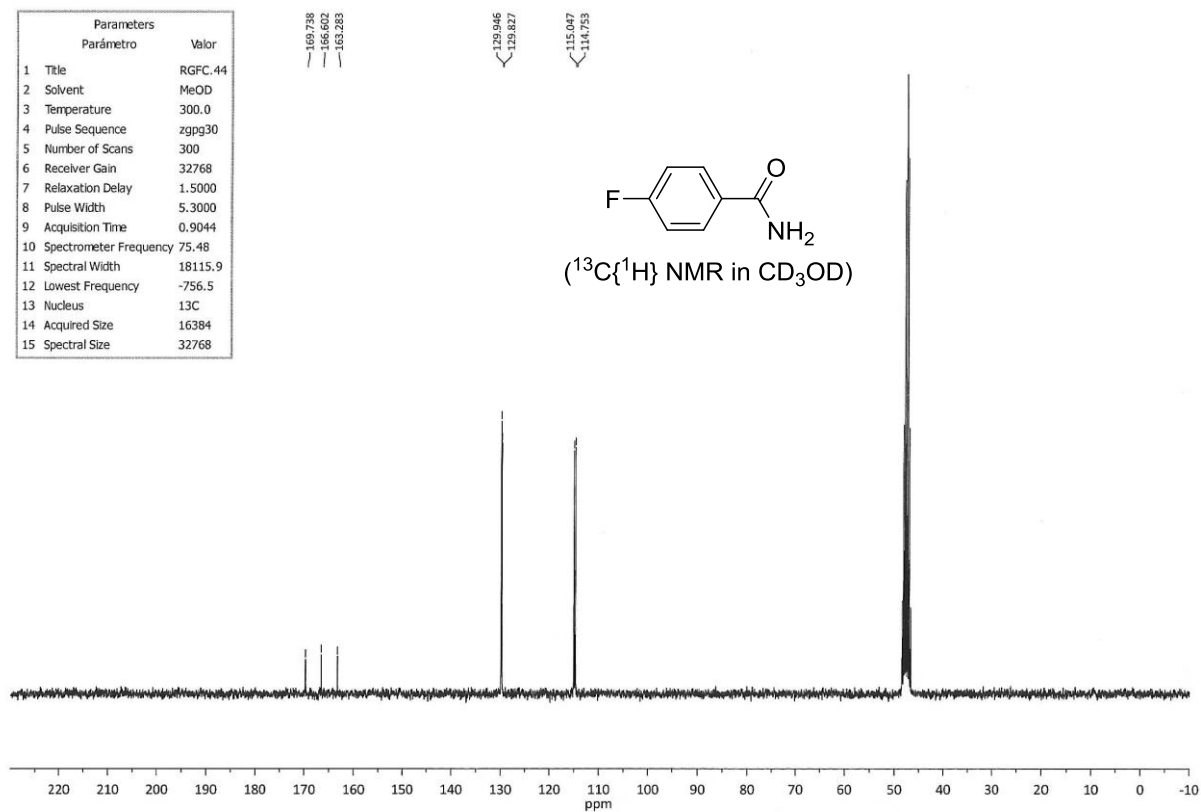
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8	Pulse Width	14.0000
9	Acquisition Time	0.8716
10	Spectrometer Frequency	282.38
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13	Nucleus	¹⁹ F
14	Acquired Size	65536
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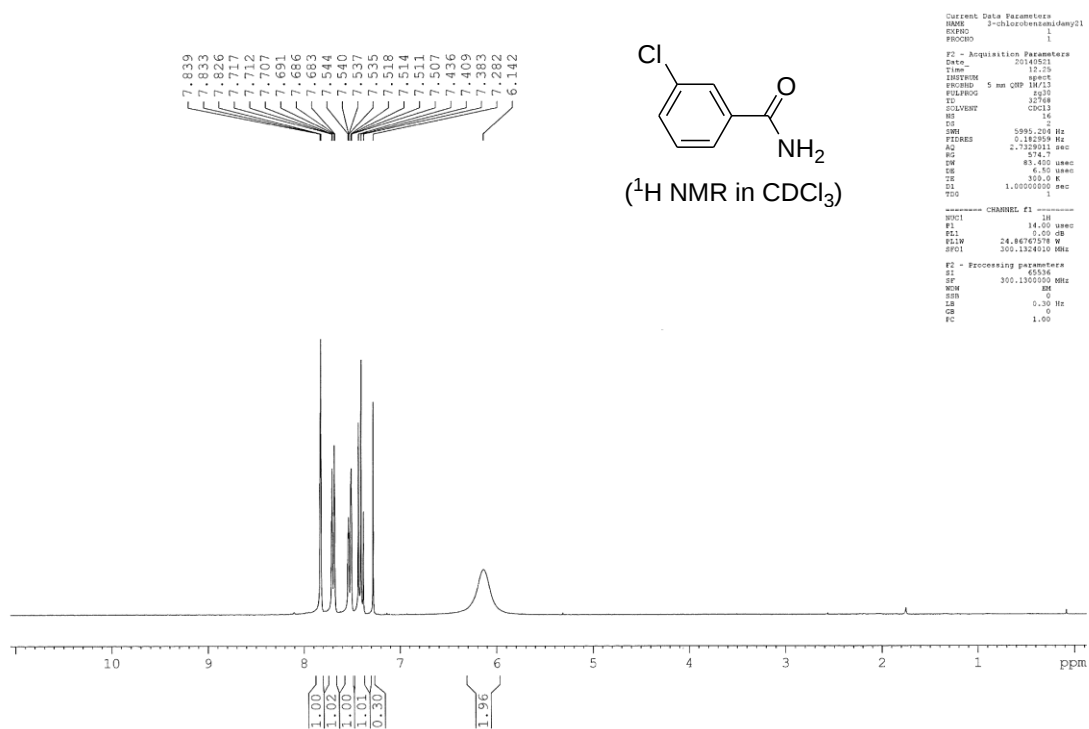
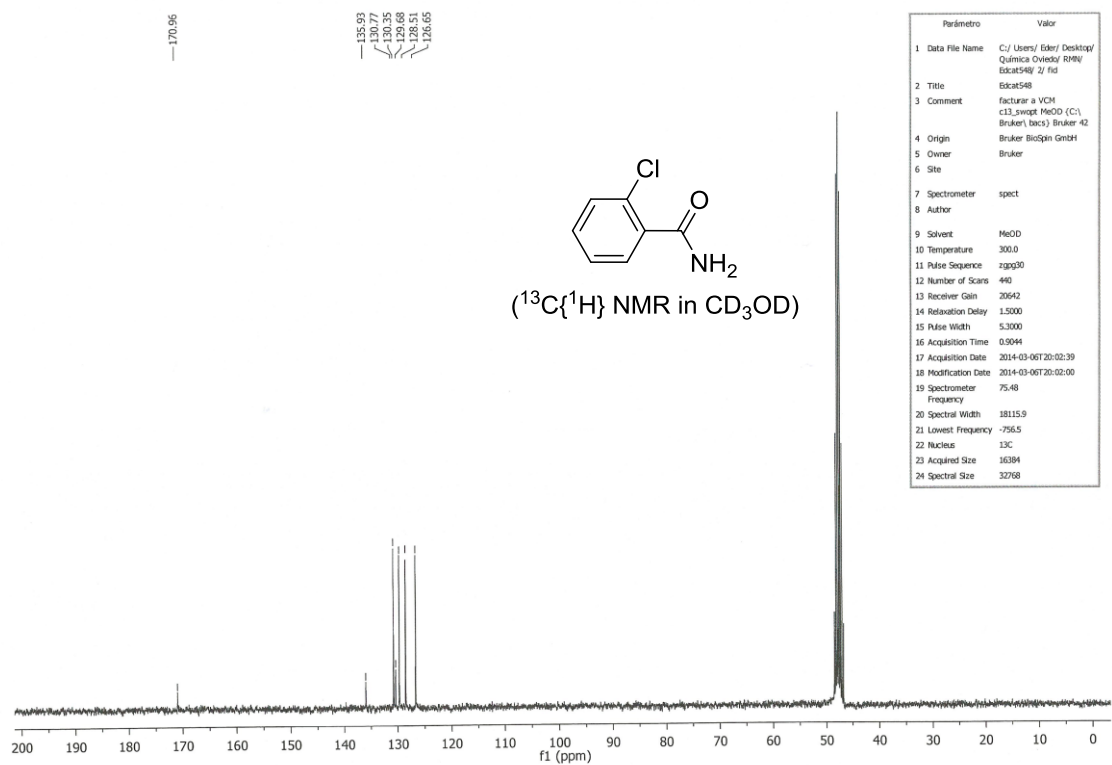
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8	Pulse Width	14.0000
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12	Lowest Frequency	-596.6
13	Nucleus	¹ H
14	Acquired Size	16384
15	Spectral Size	32768

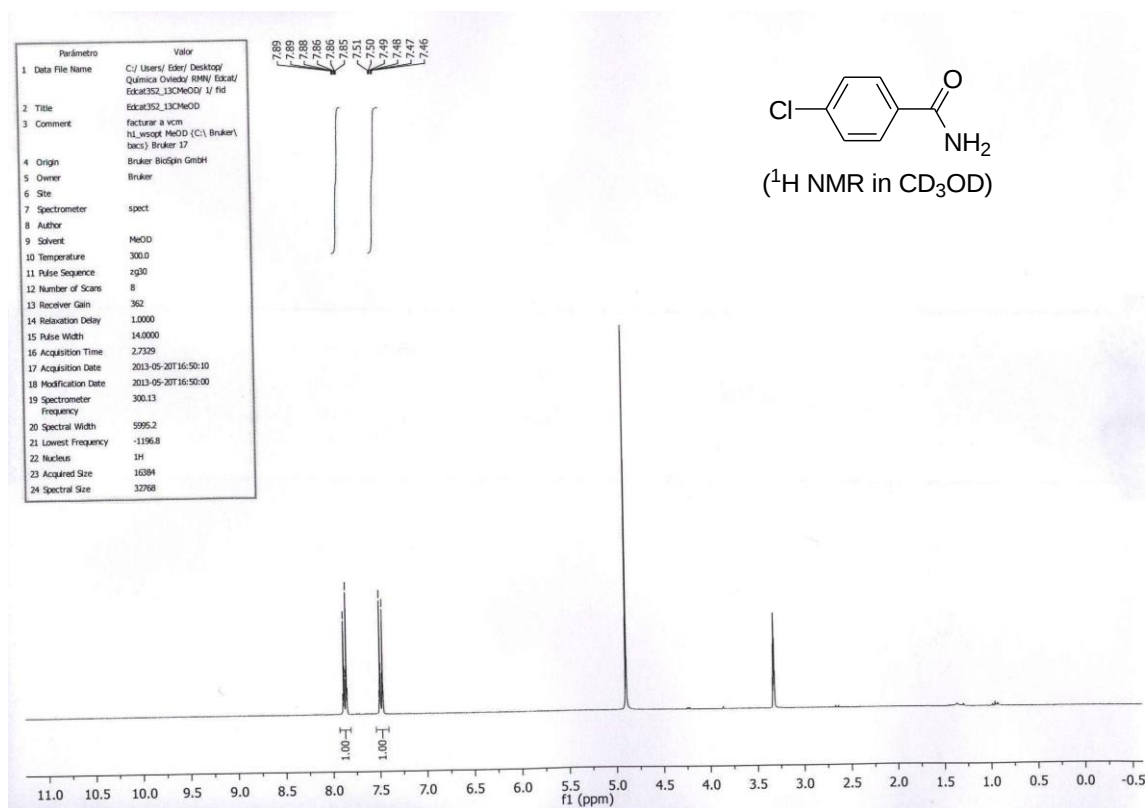
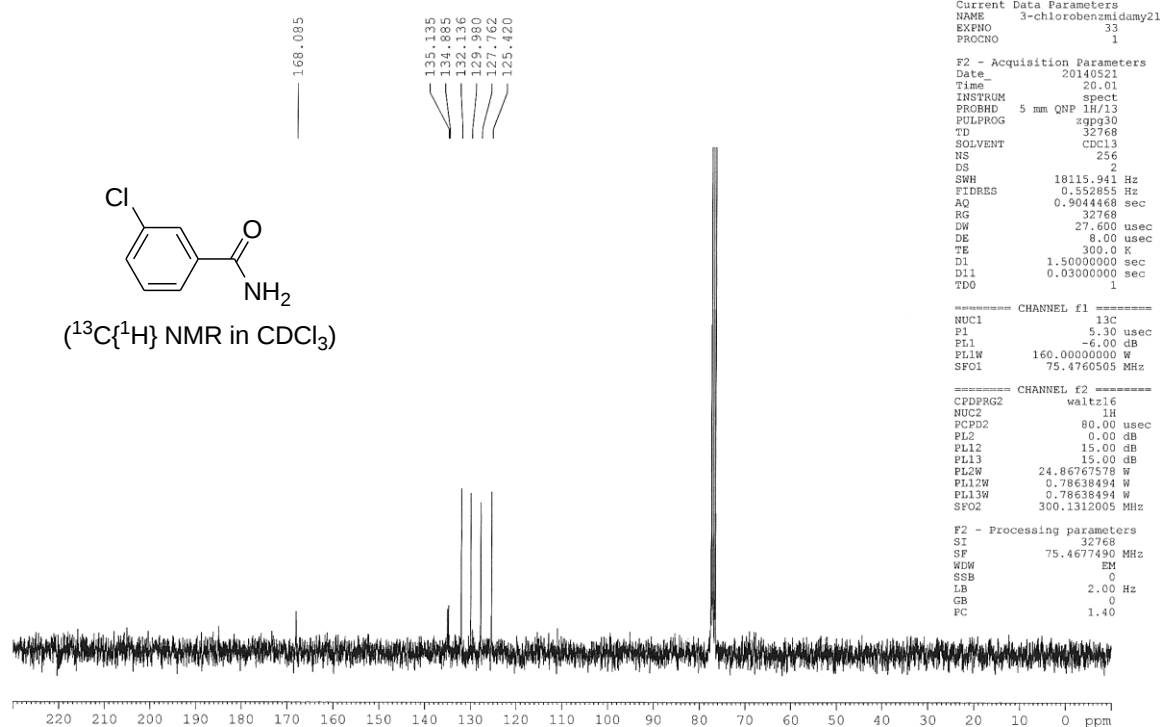


Parameters	
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7 Relaxation Delay	1.5000
8 Pulse Width	5.3000
9 Acquisition Time	0.9044
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11 Spectral Width	18115.9
12 Lowest Frequency	-756.5
13 Nucleus	¹³ C
14 Acquired Size	16384
15 Spectral Size	32768

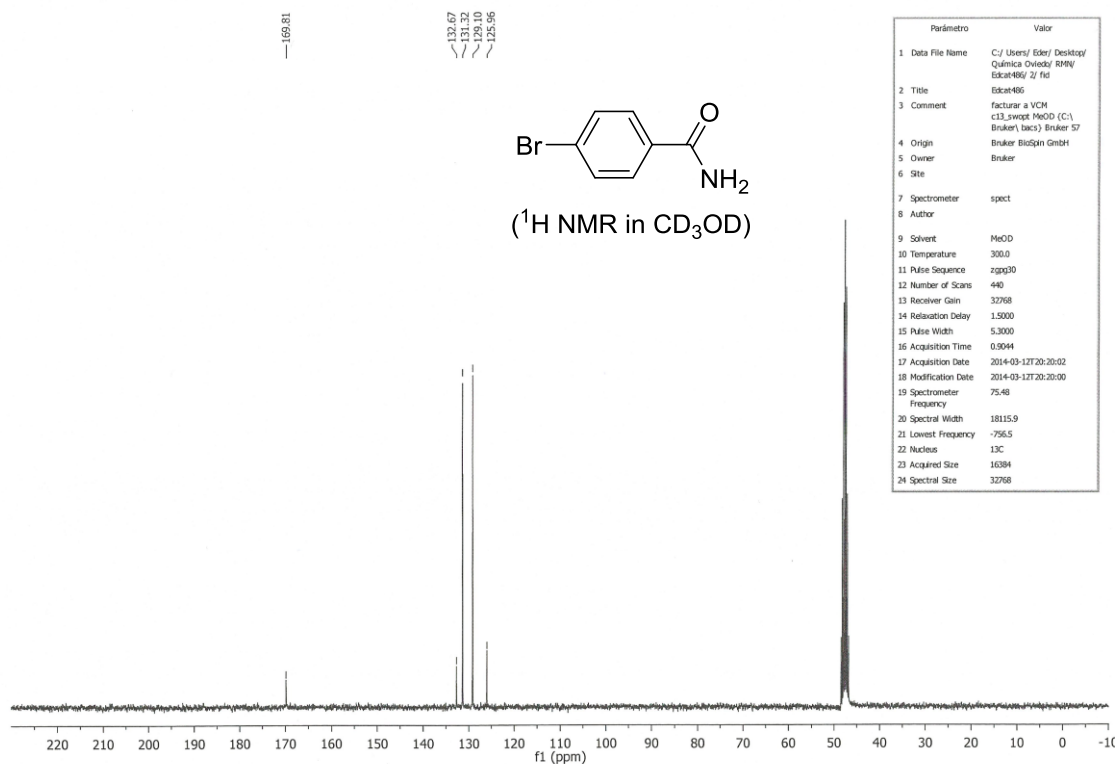
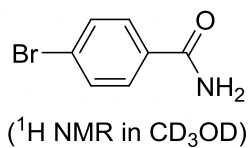
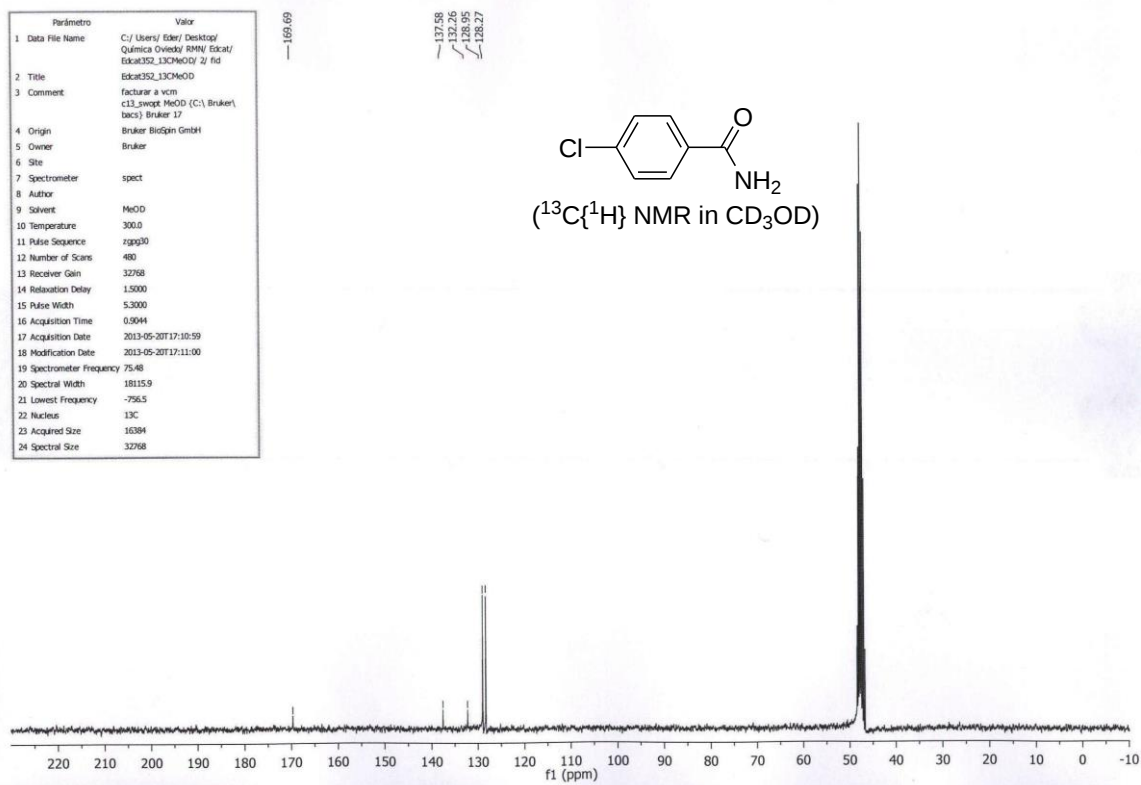


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5 Owner	Bruker
6 Site	
7 Spectrometer	spect
8 Author	
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11 Pulse Sequence	zg30
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13 Receiver Gain	362
14 Relaxation Delay	1.0000
15 Pulse Width	14.0000
16 Acquisition Time	2.7329
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20 Spectral Width	5995.2
21 Lowest Frequency	-596.6
22 Nucleus	¹ H
23 Acquired Size	16384
24 Spectral Size	32768

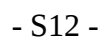
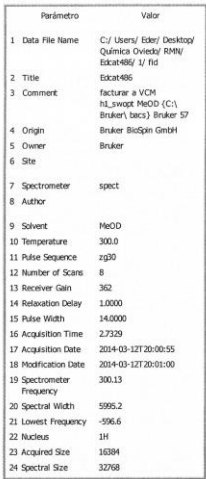


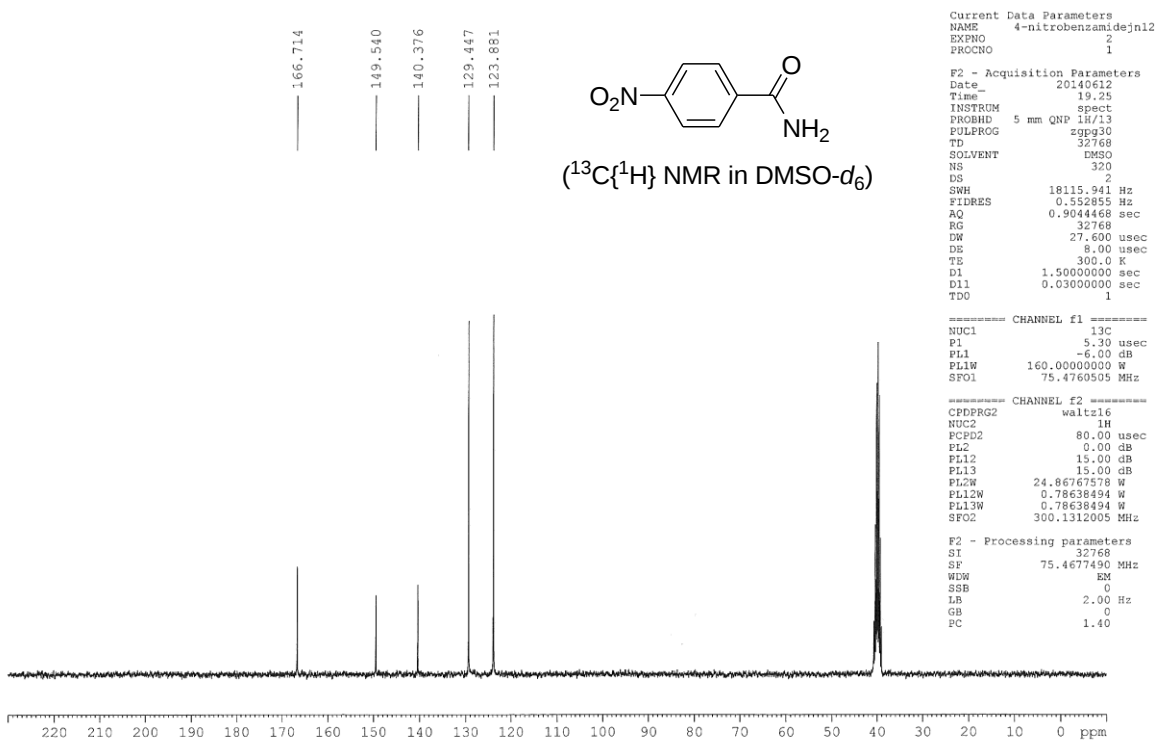
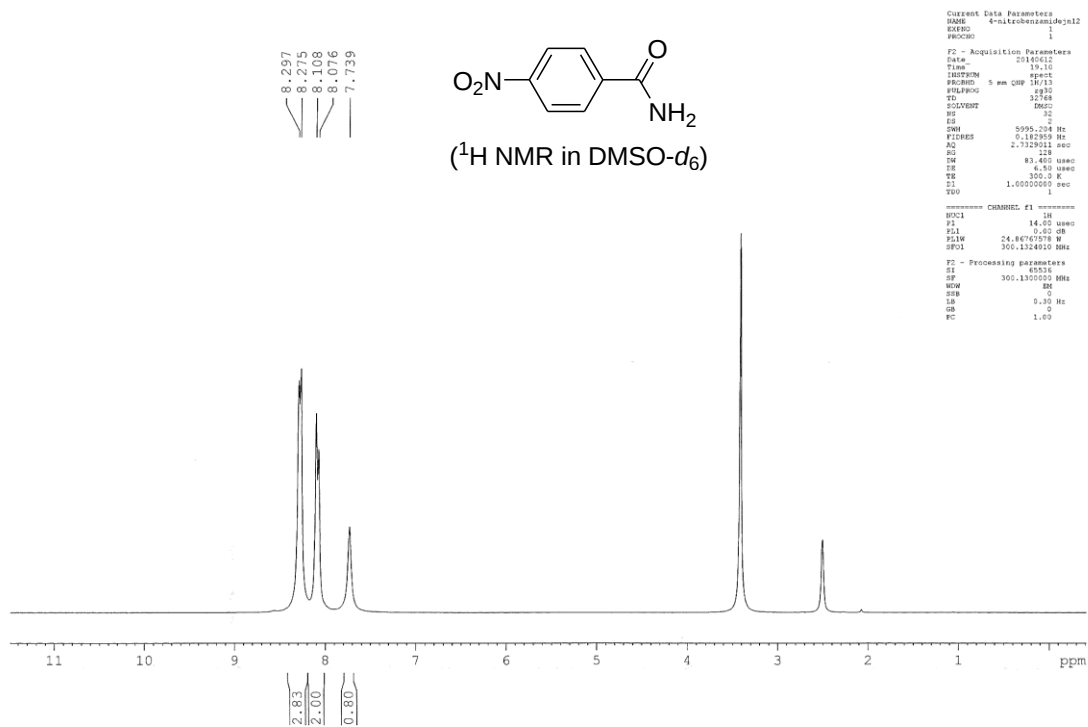


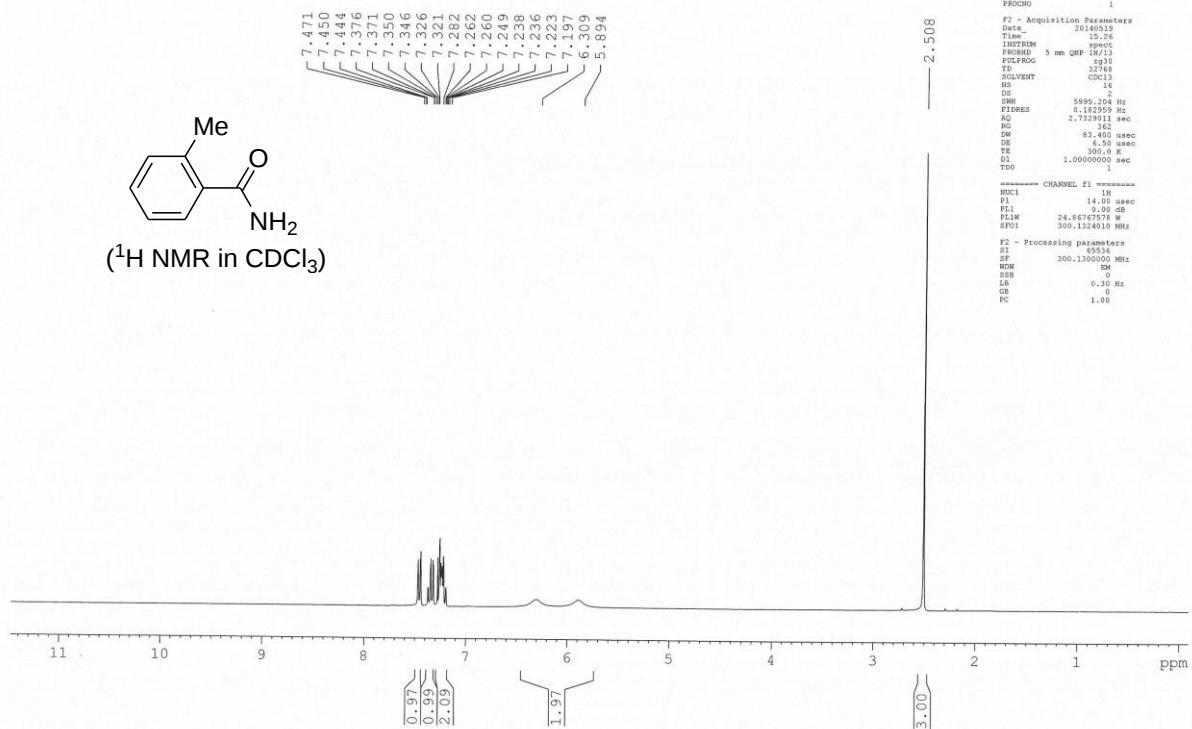
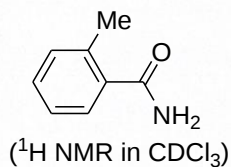
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5 Owner	Bruker
6 Site	
7 Spectrometer	spect
8 Author	
9 Solvent	MeOD
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15 Pulse Width	5.3000
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18 Modification Date	2013-05-20T17:11:00
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20 Spectral Width	18115.9
21 Lowest Frequency	-756.5
22 Nucleus	13C
23 Acquired Size	16384
24 Spectral Size	32768



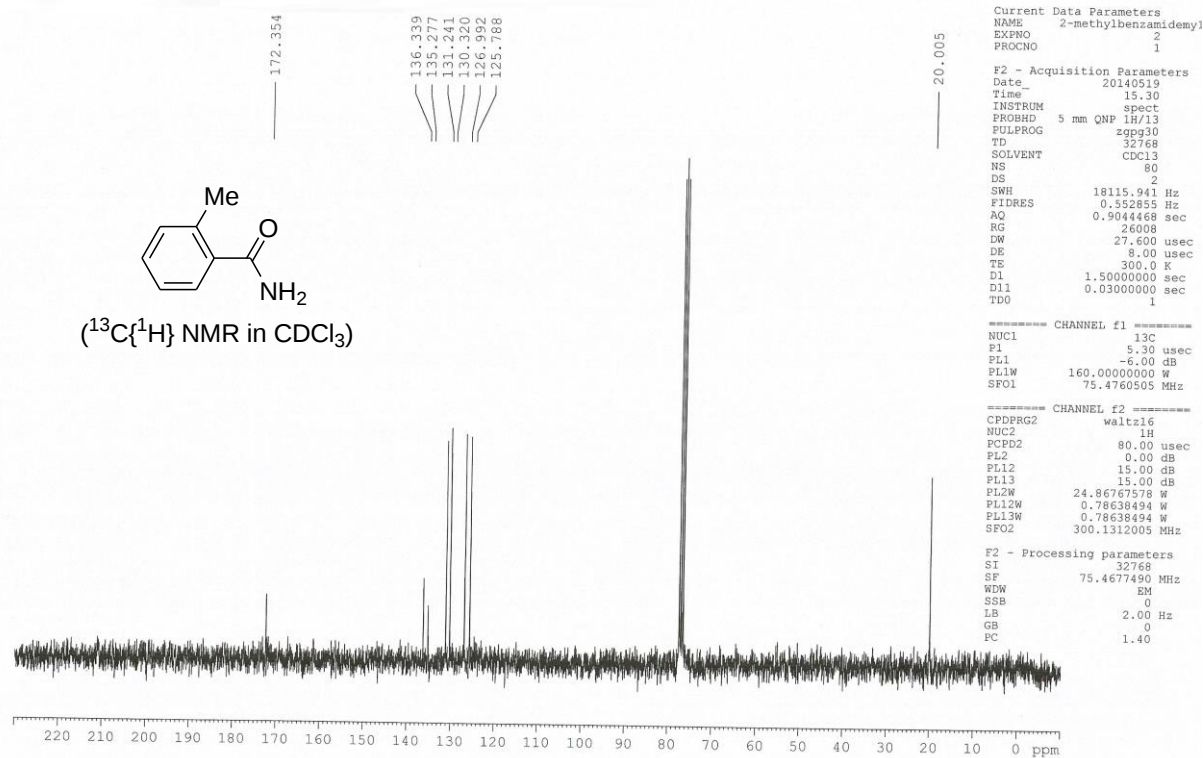
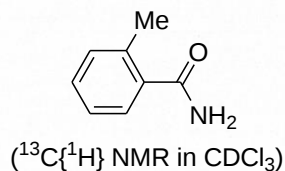
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7 Spectrometer	spect
8 Author	
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21 Lowest Frequency	-756.5
22 Nucleus	13C
23 Acquired Size	16384
24 Spectral Size	32768



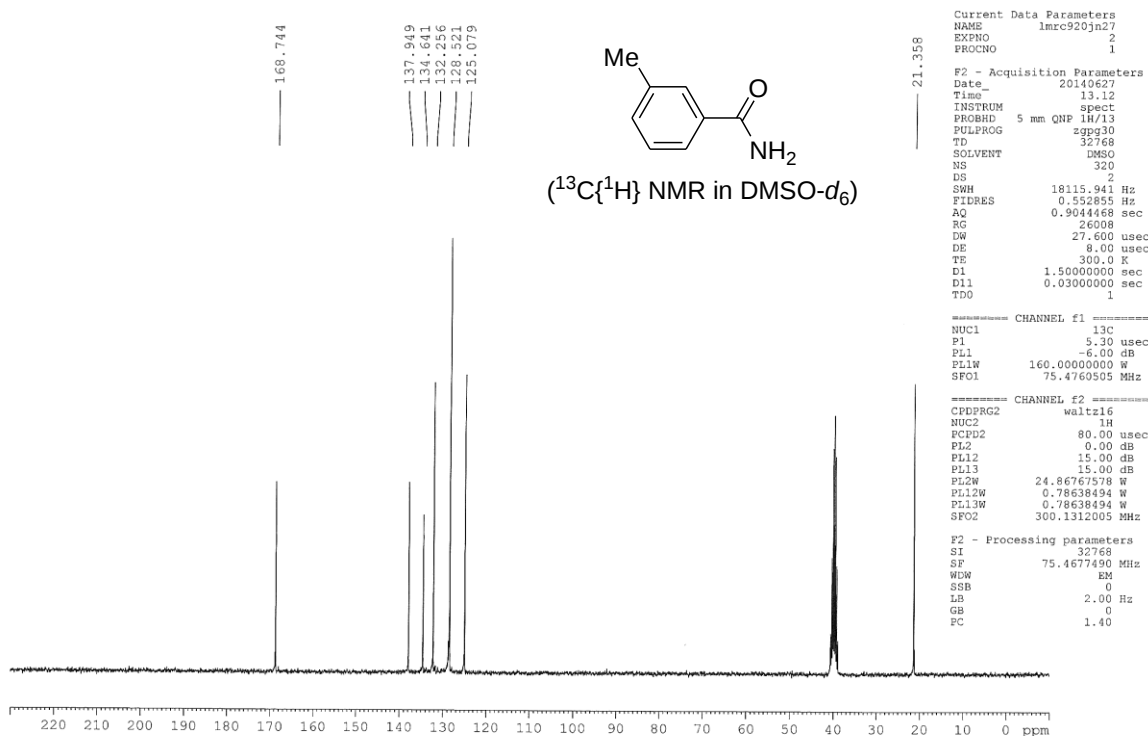
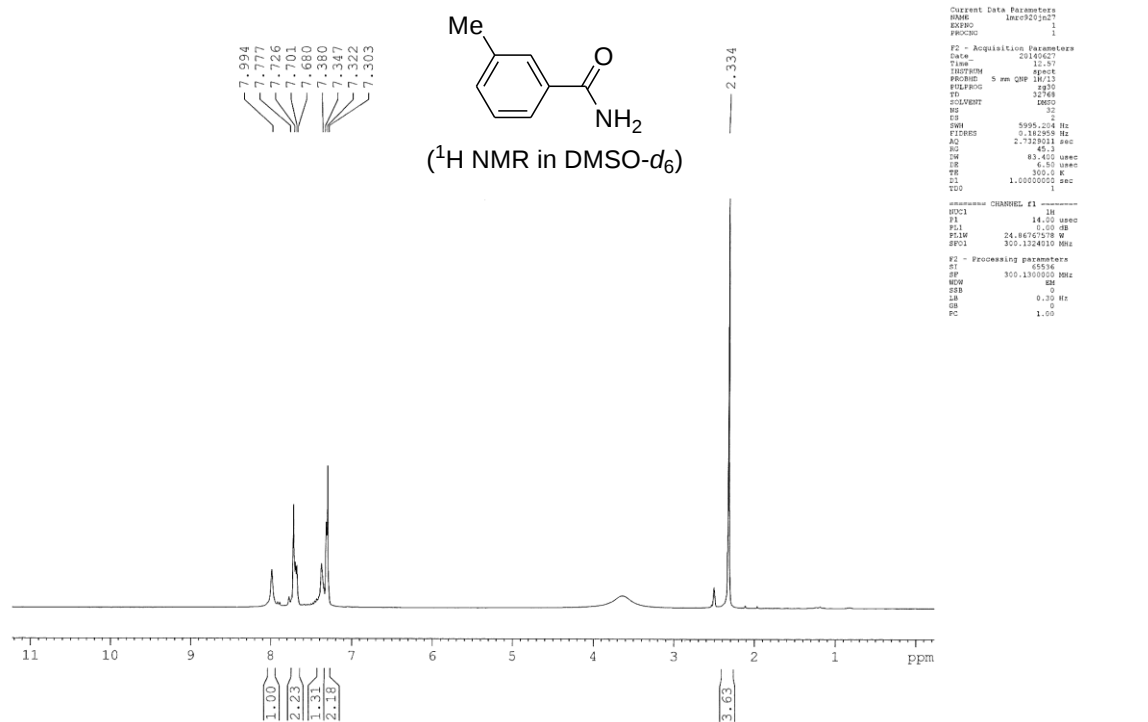


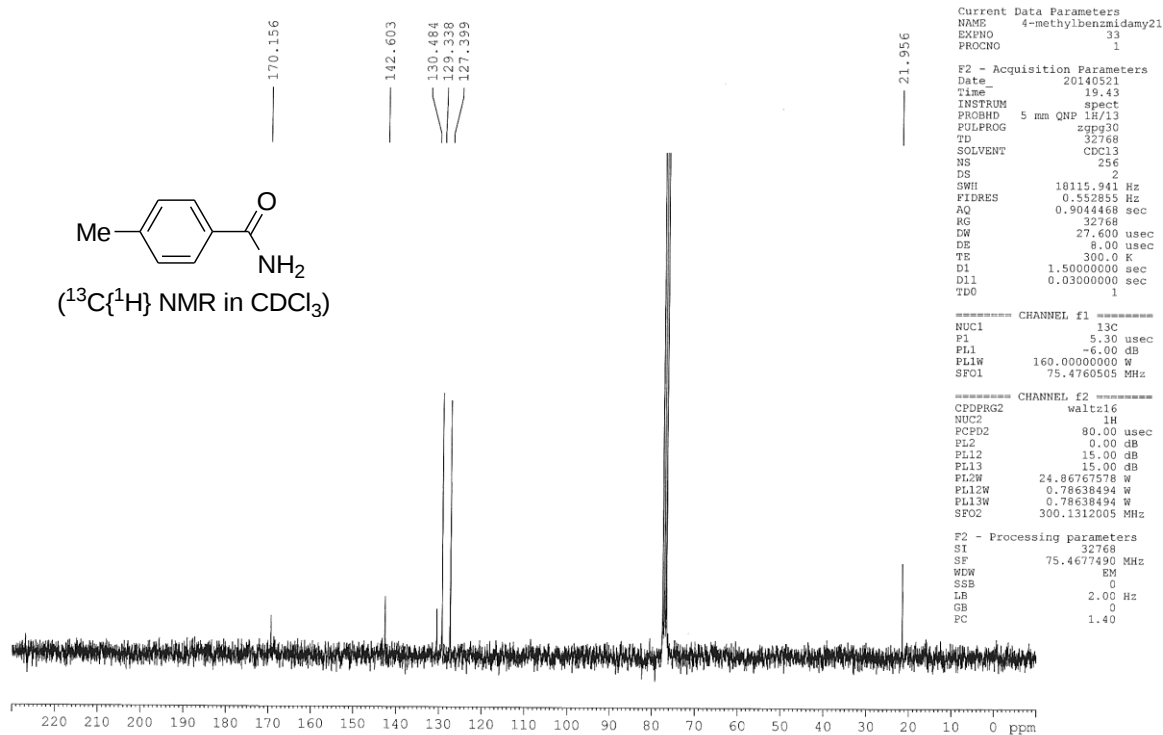
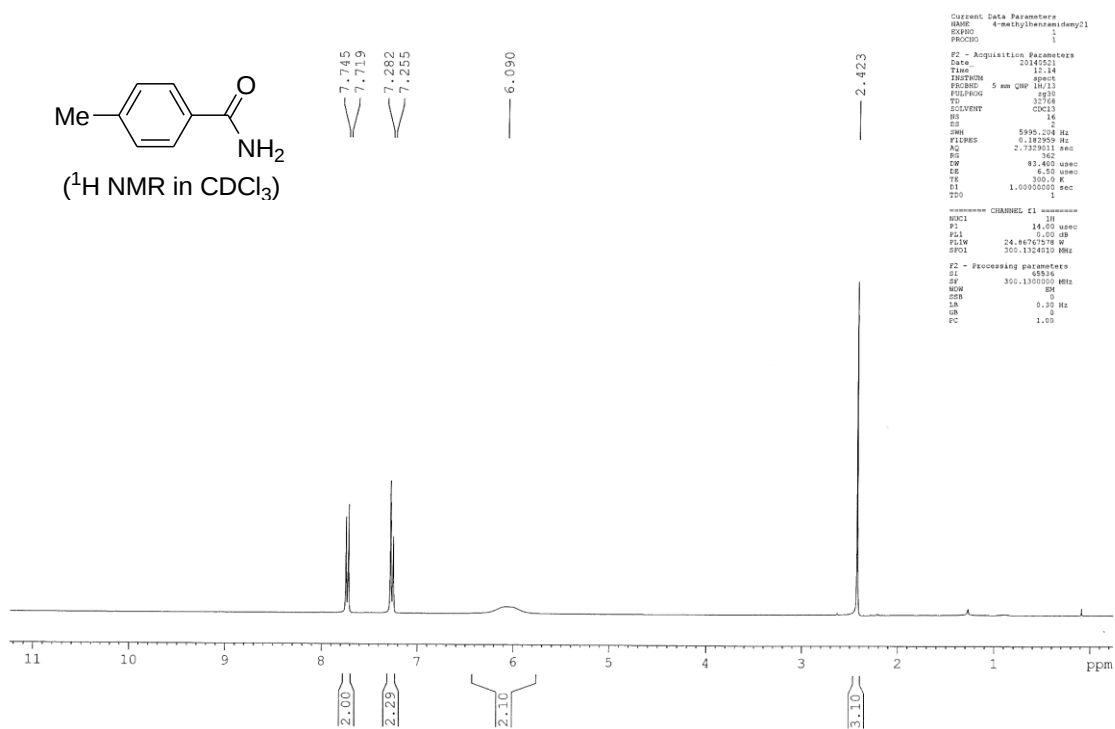


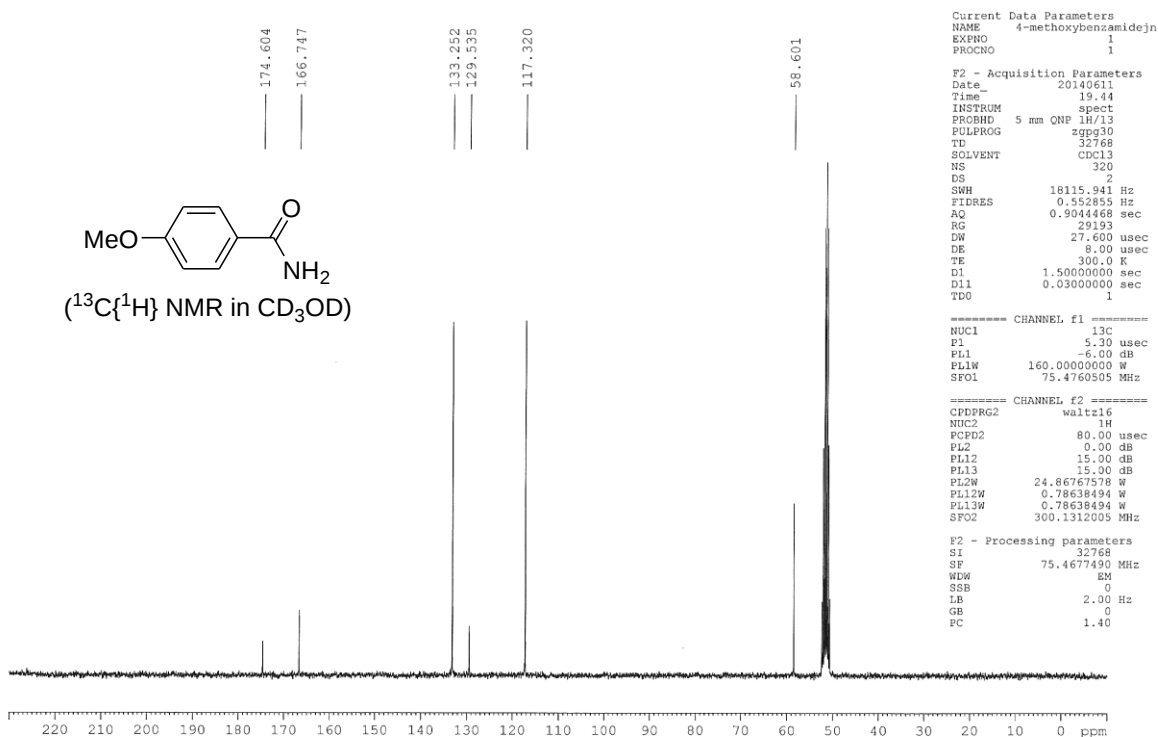
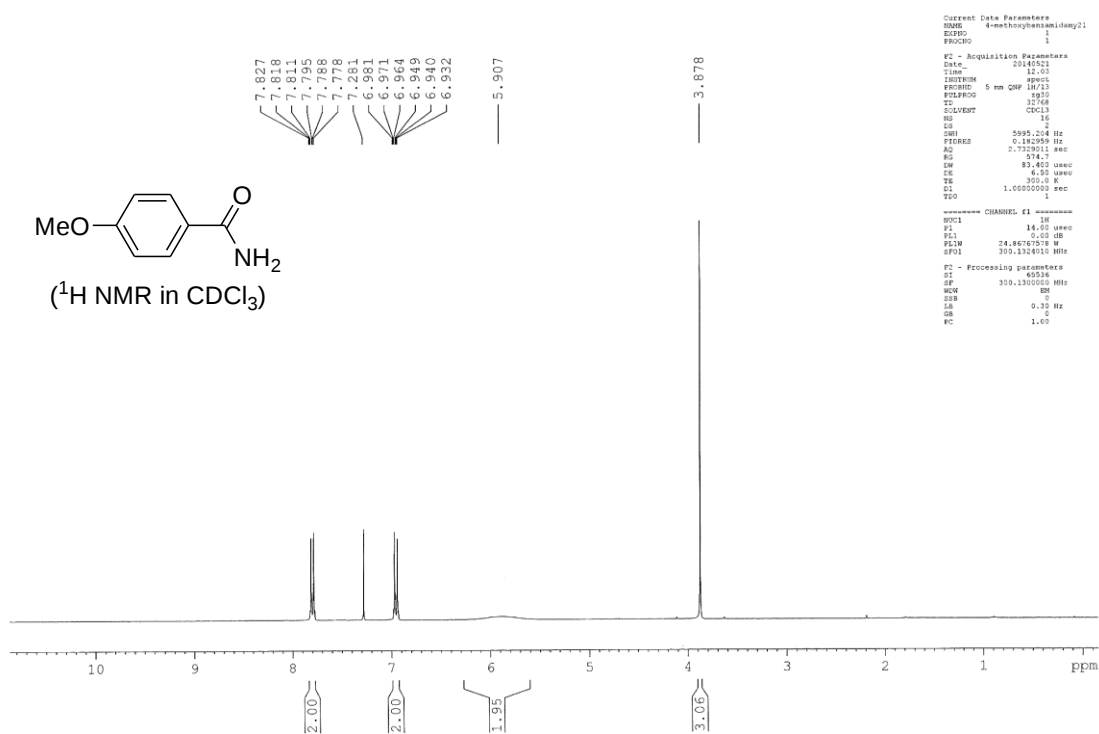
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 DE 8.00 usec
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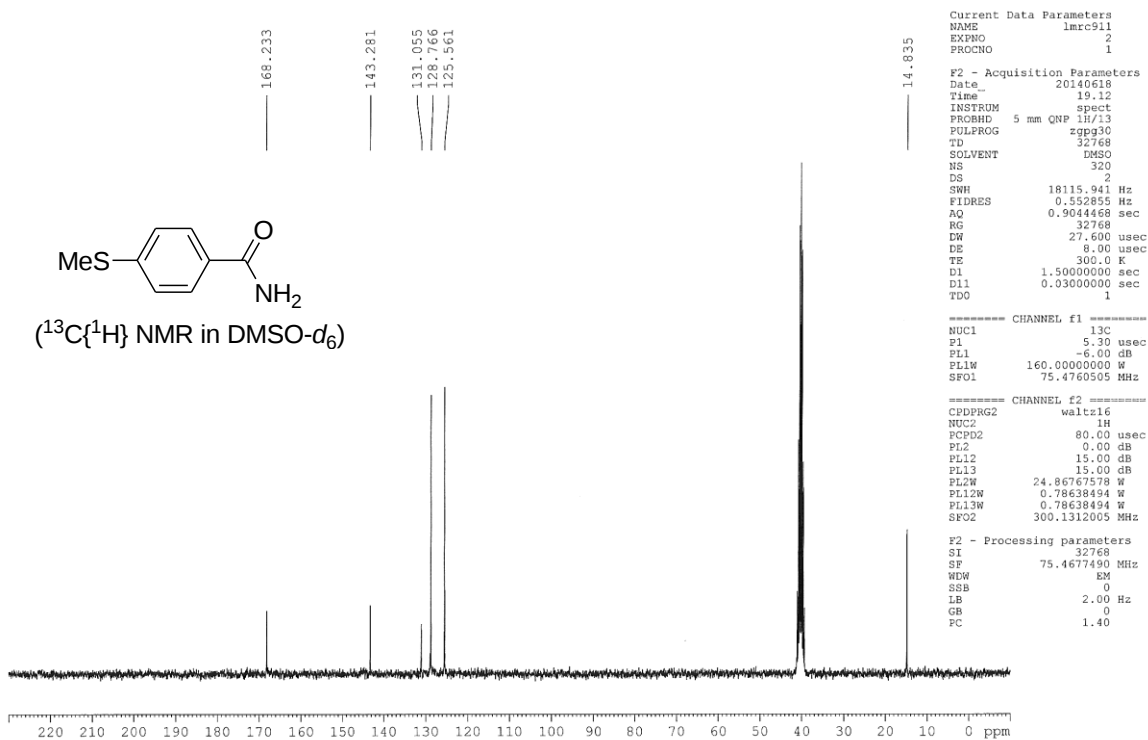
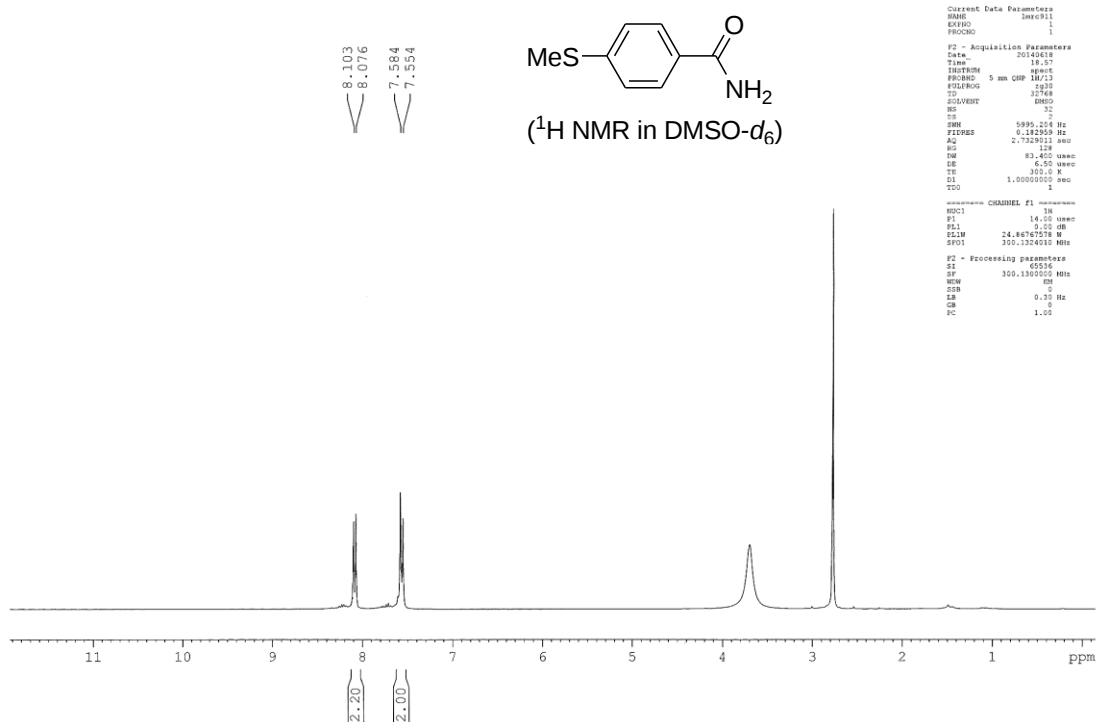


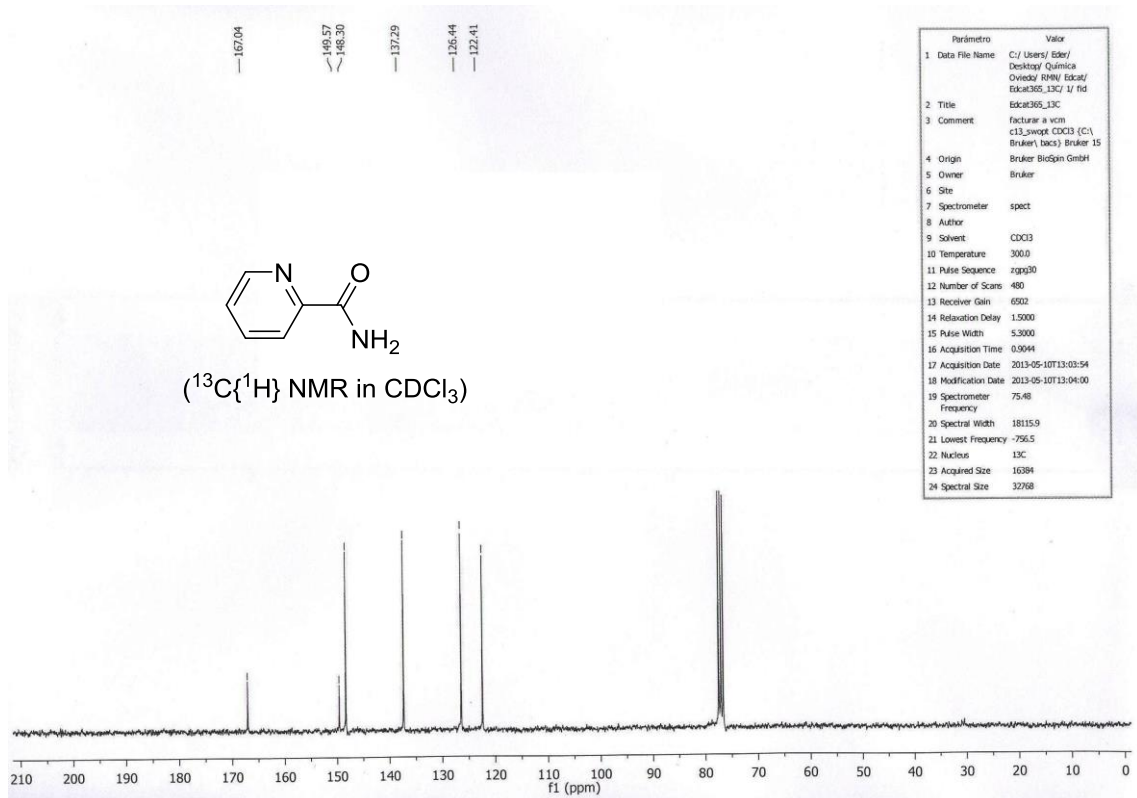
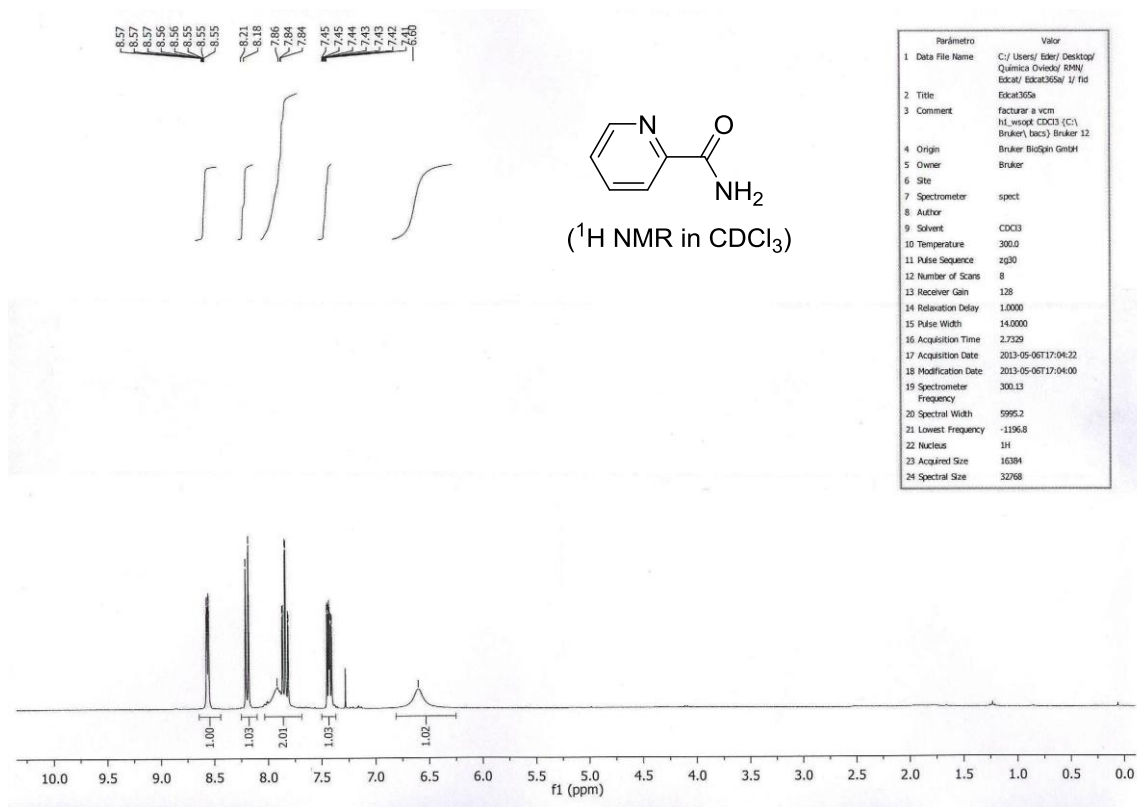
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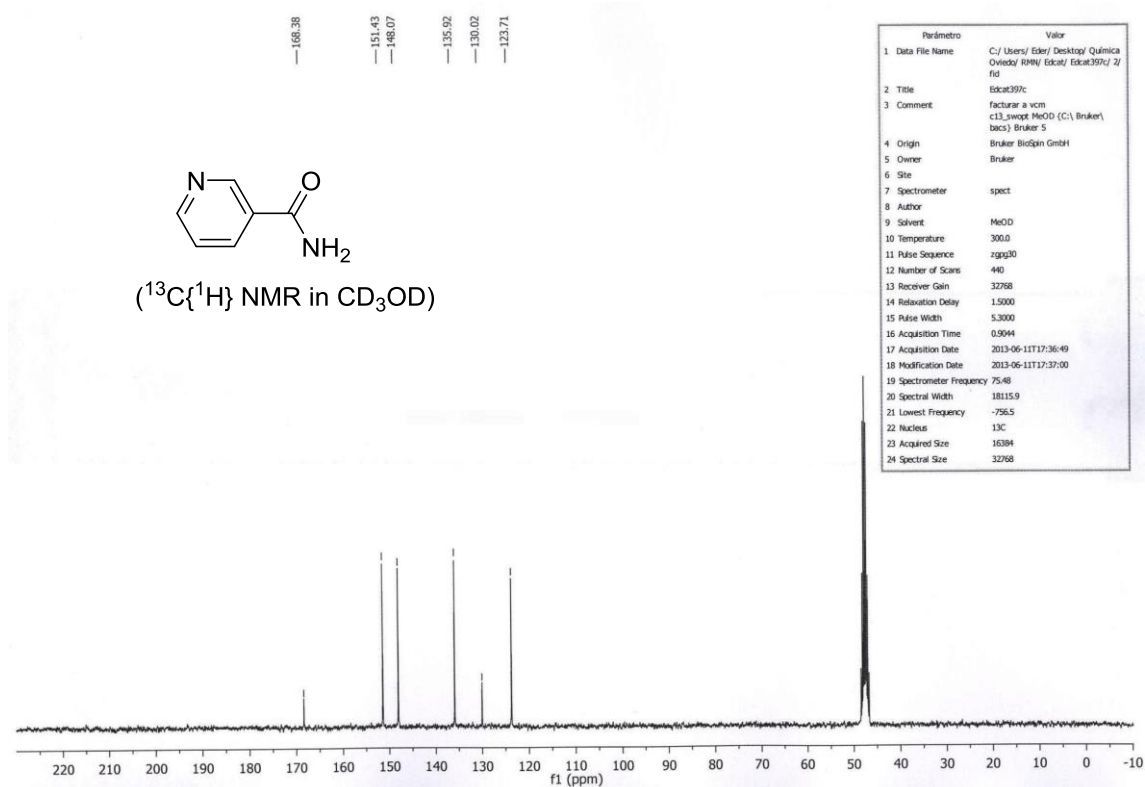
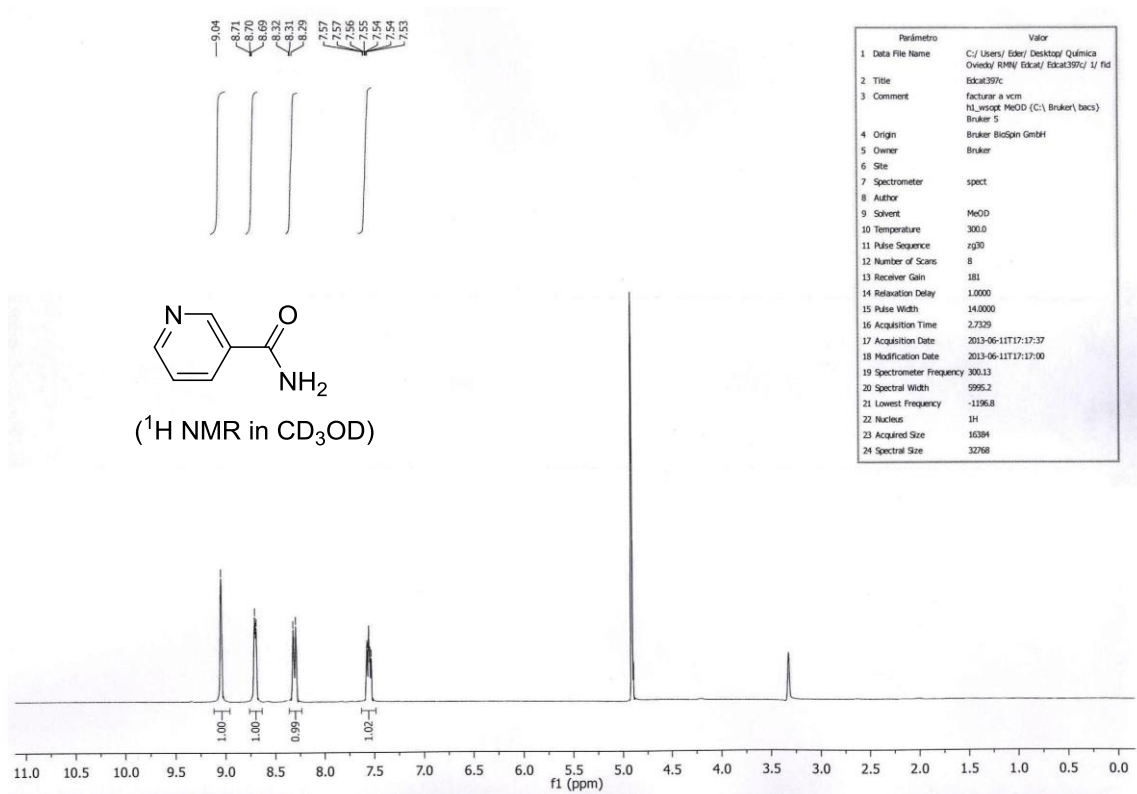


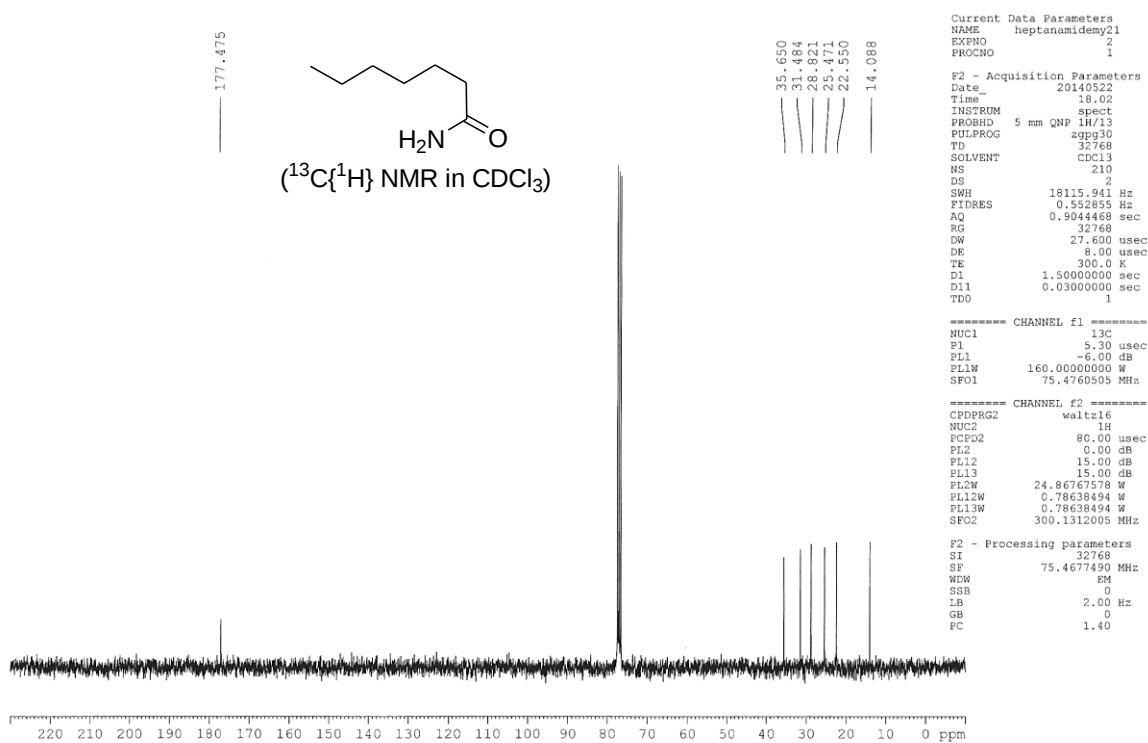
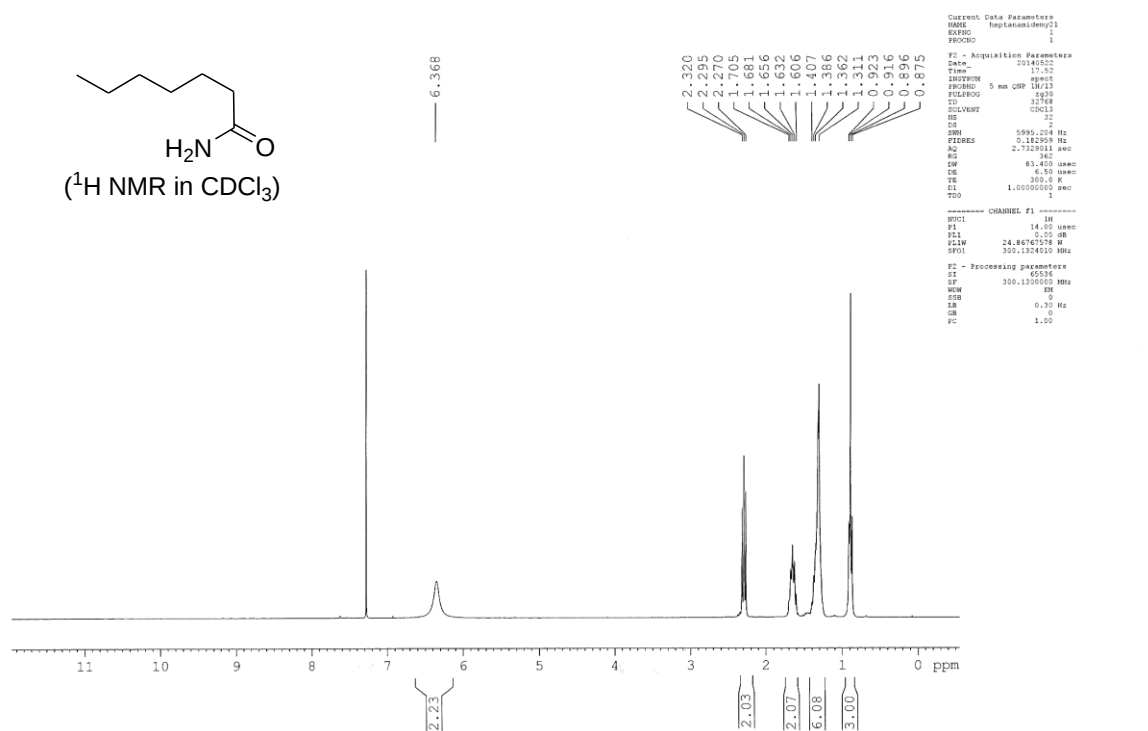


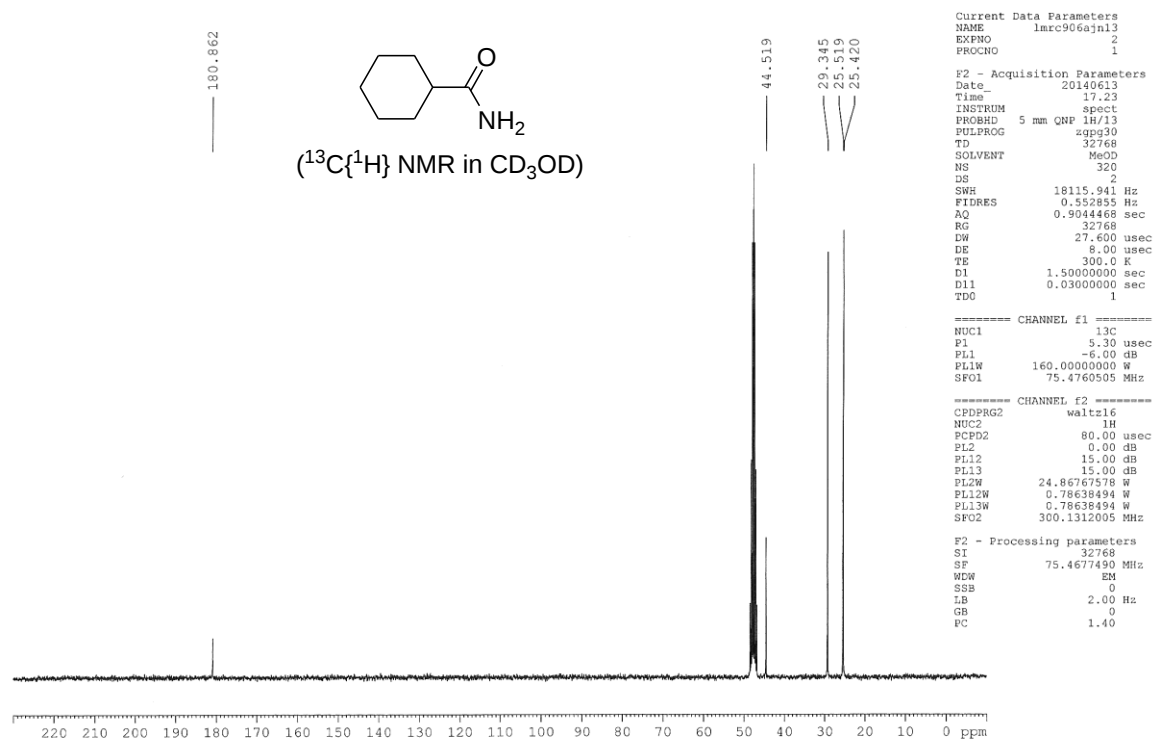
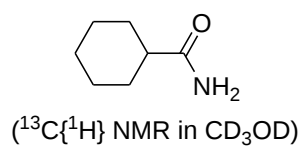
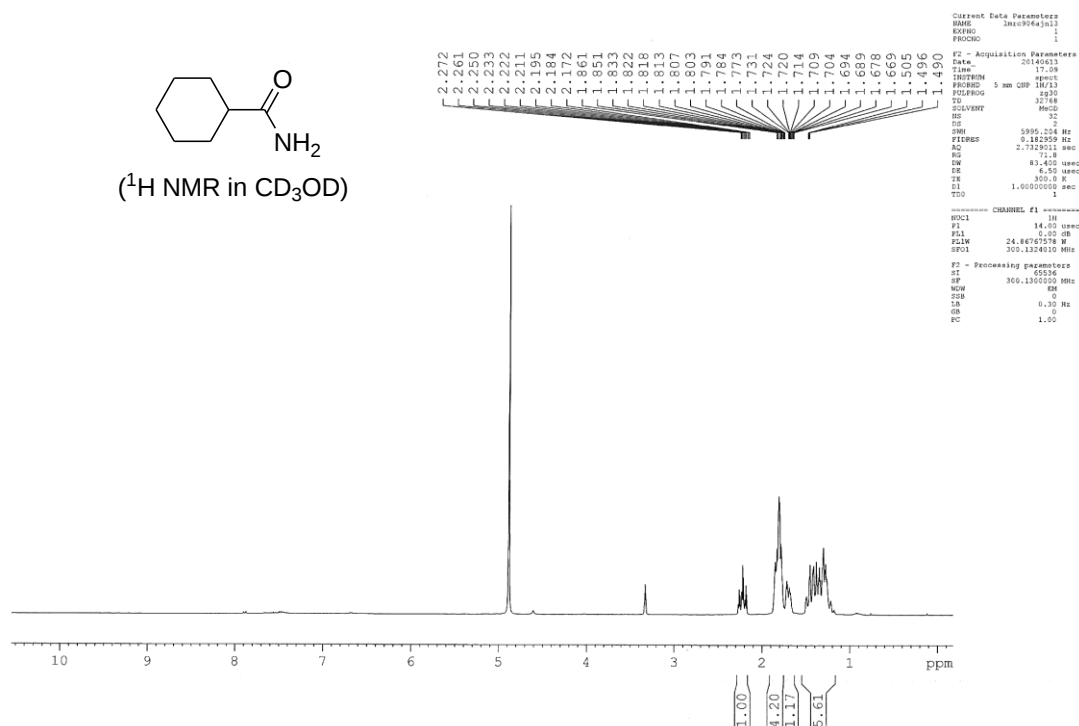
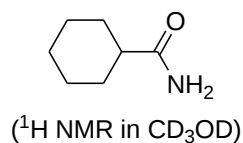






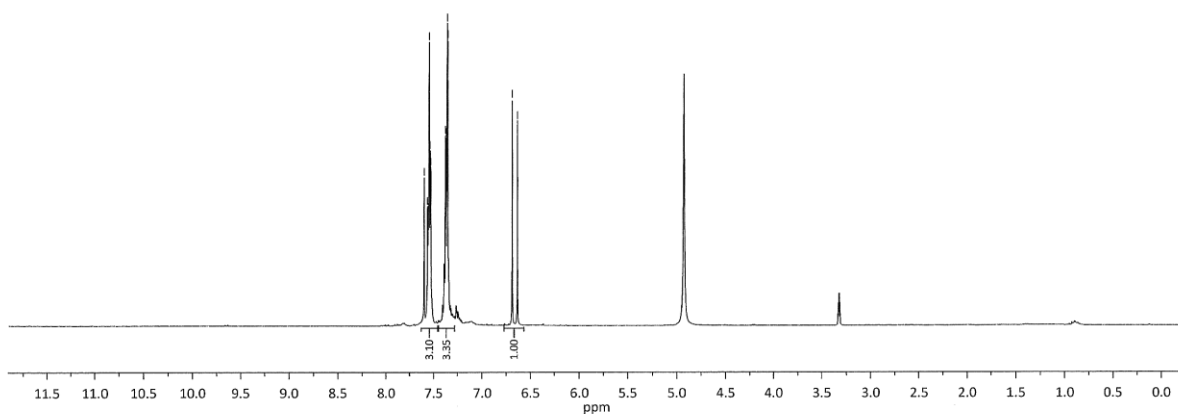
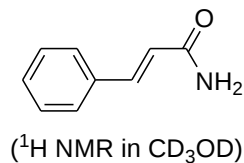




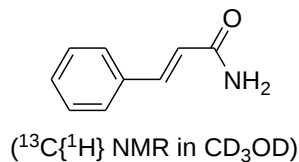


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8	Pulse Width	14.0000
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11	Spectral Width	5995.2
12	Lowest Frequency	-596.6
13	Nucleus	¹ H
14	Acquired Size	16384
15	Spectral Size	32768

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7.549
7.538
7.532
7.373
7.368
7.365
7.350
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6.686



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D11        0.03000000 sec
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PL1W       160.00000000 W
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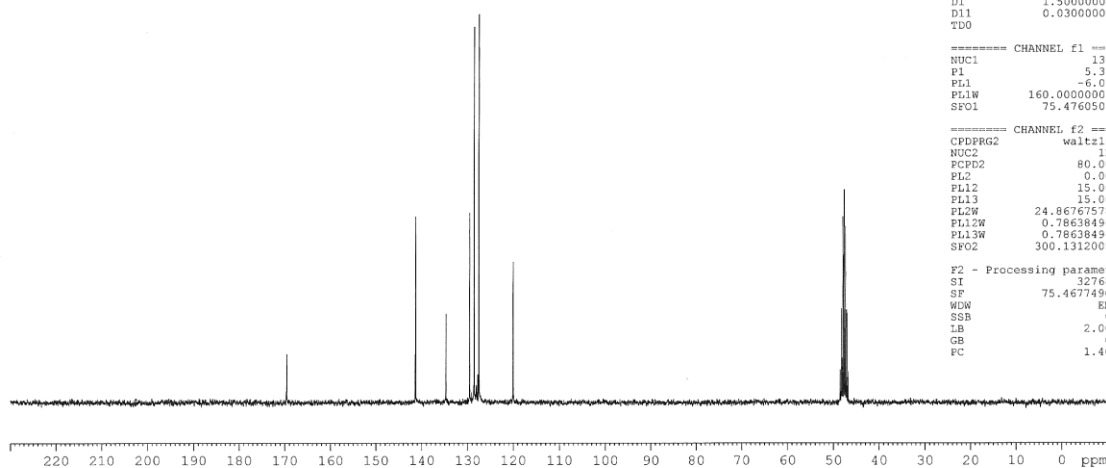


Figure S4. NMR spectra of the saturated alcohols synthesized in this work.

