

**Introduction of a clean and promising protocol for the synthesis of  
 $\beta$ -amino acrylates and 1,4-benzoheterocycles:  
An emerging innovation**

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***Supplementary Information (File-2)***

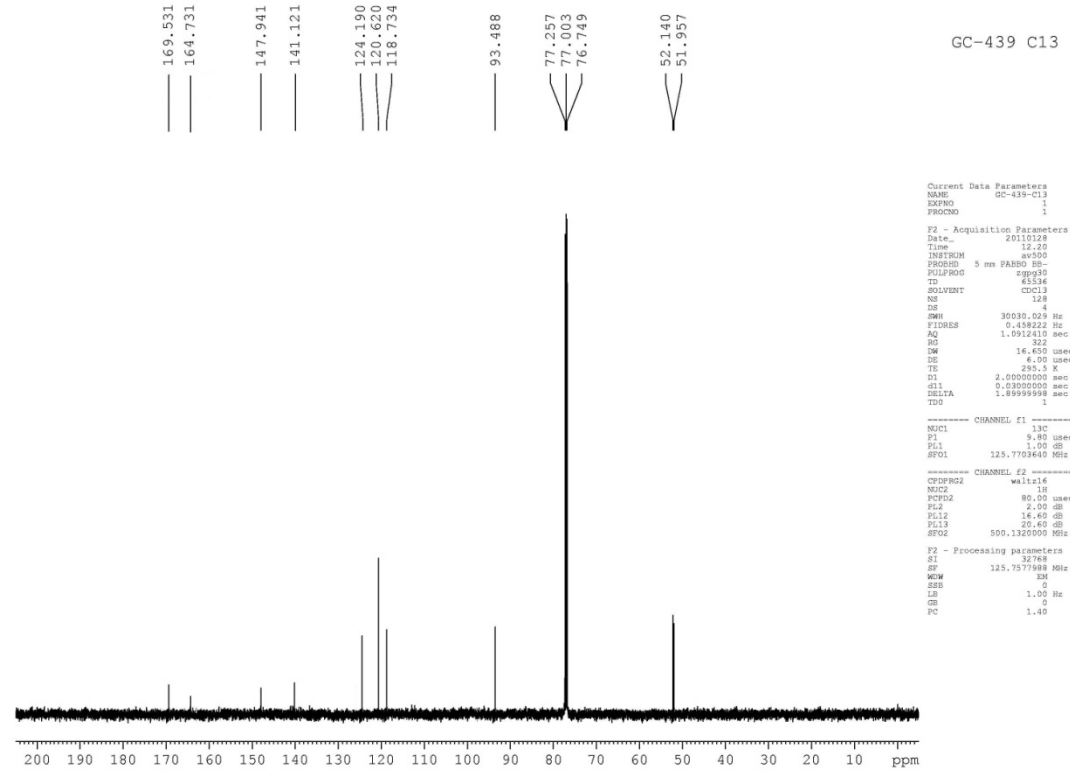
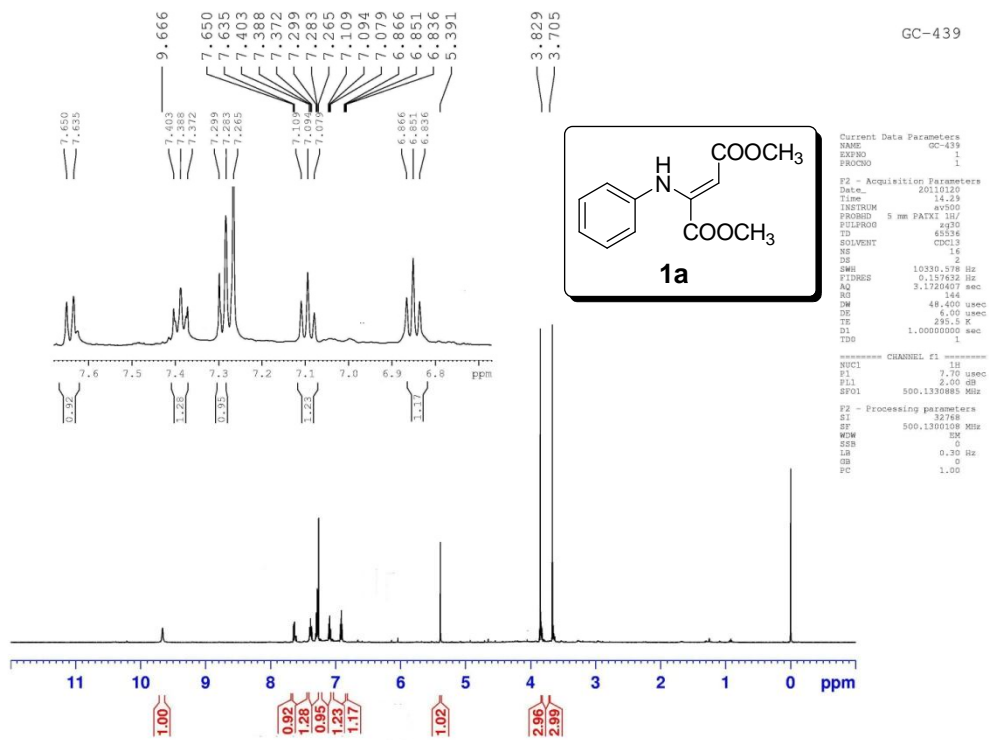
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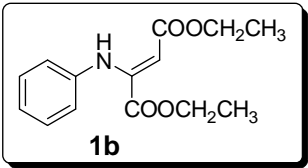
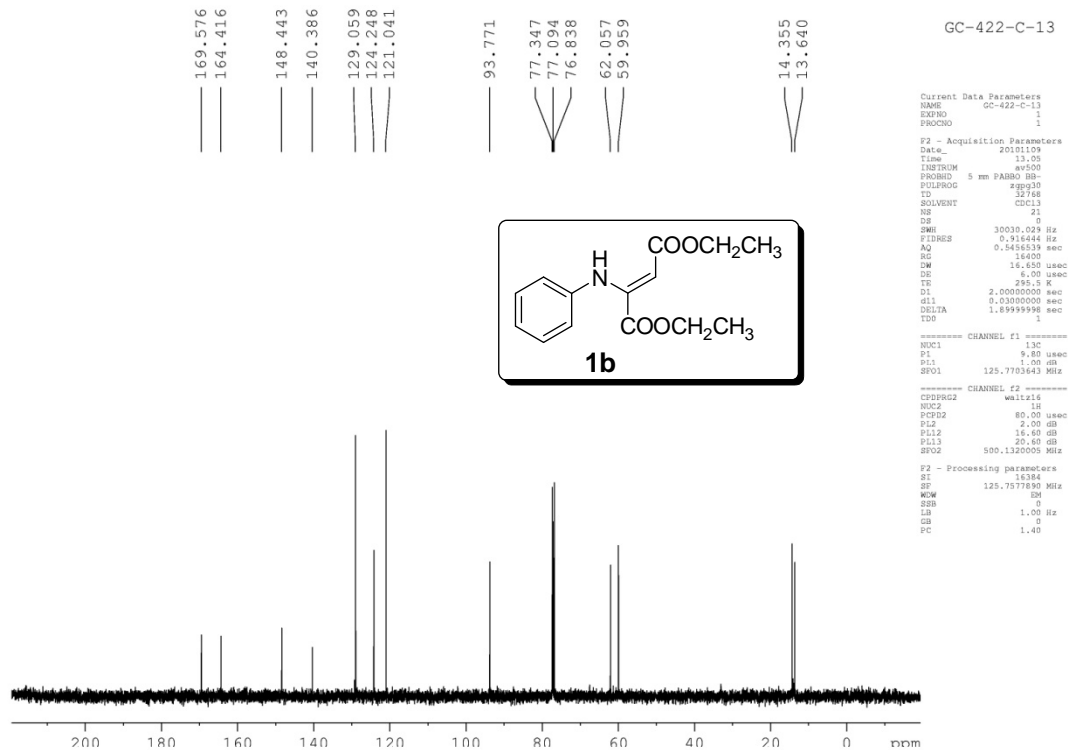
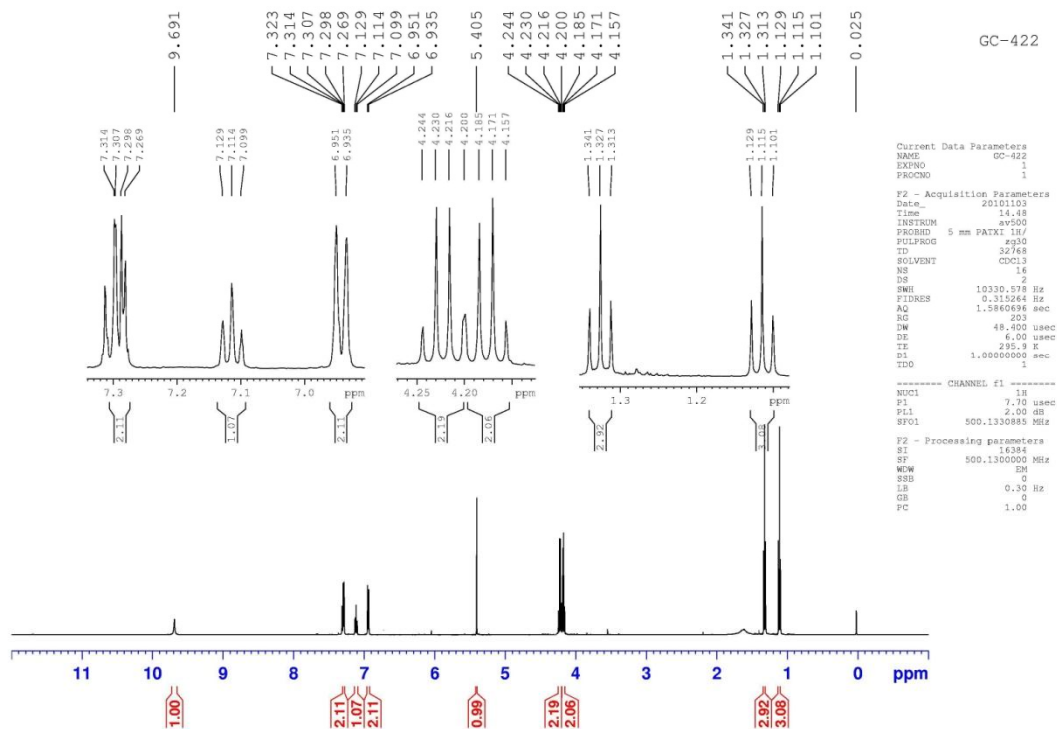
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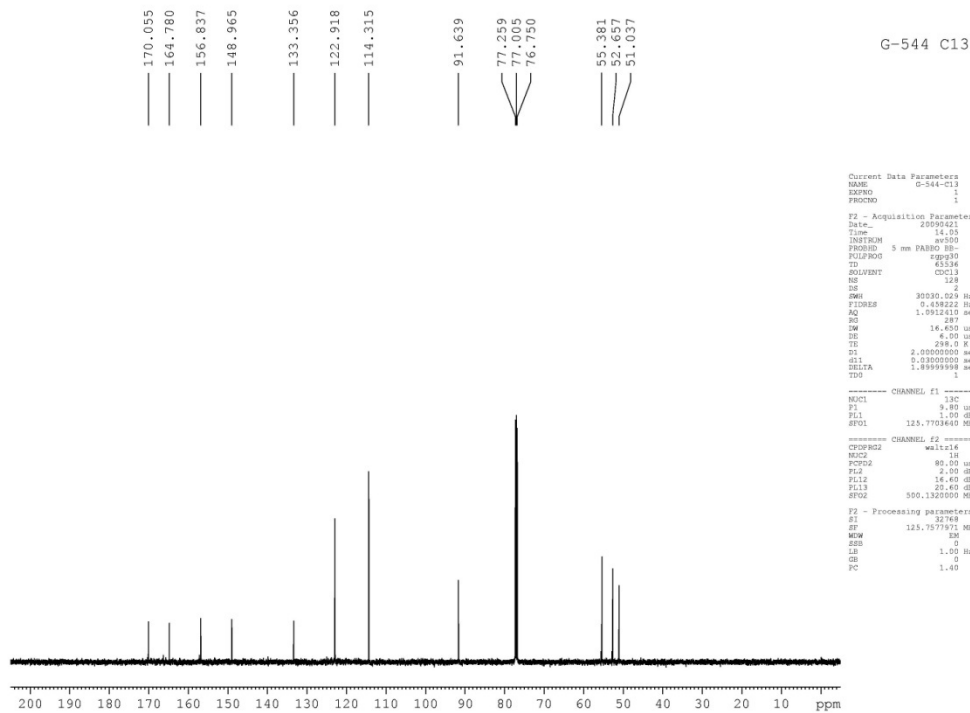
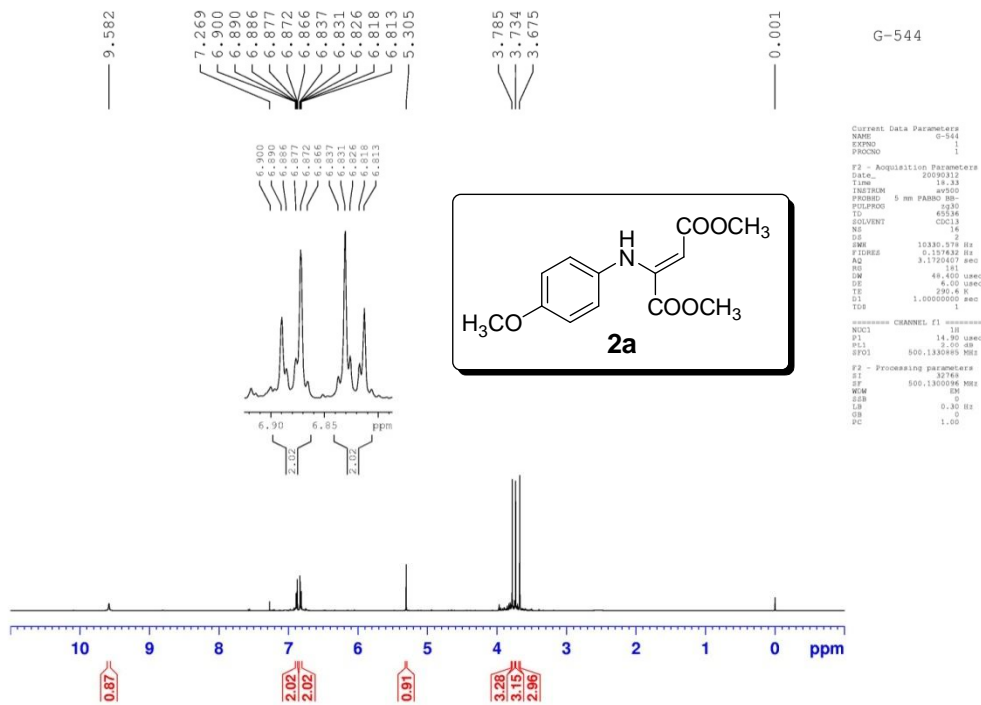
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: Page SI-69

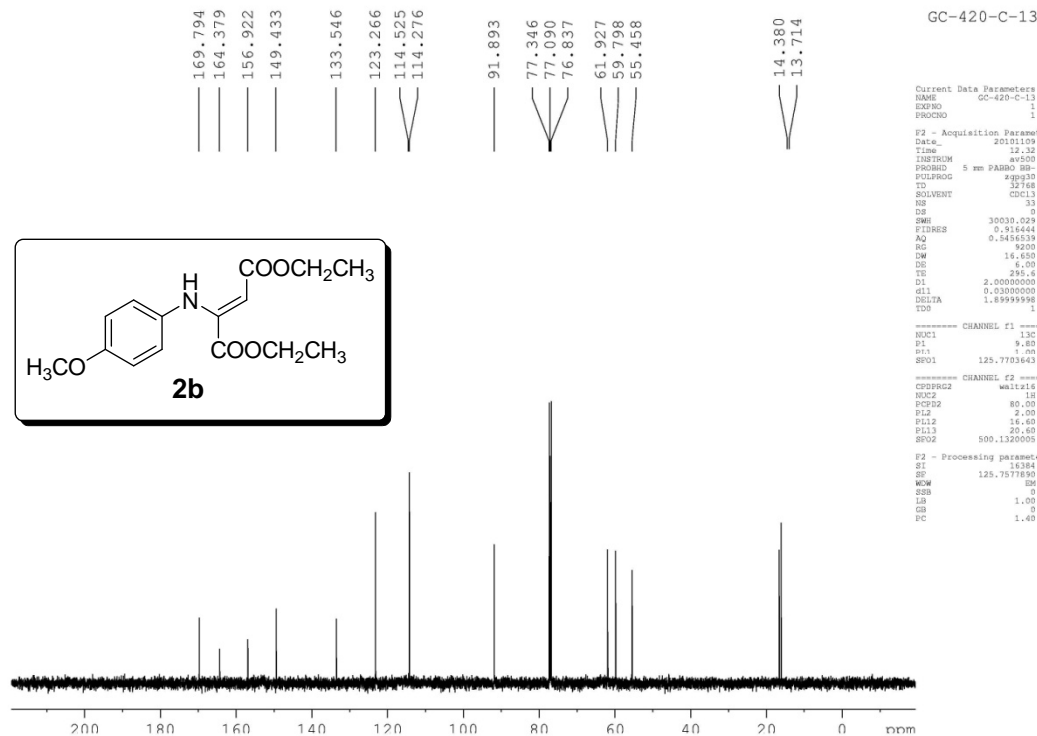
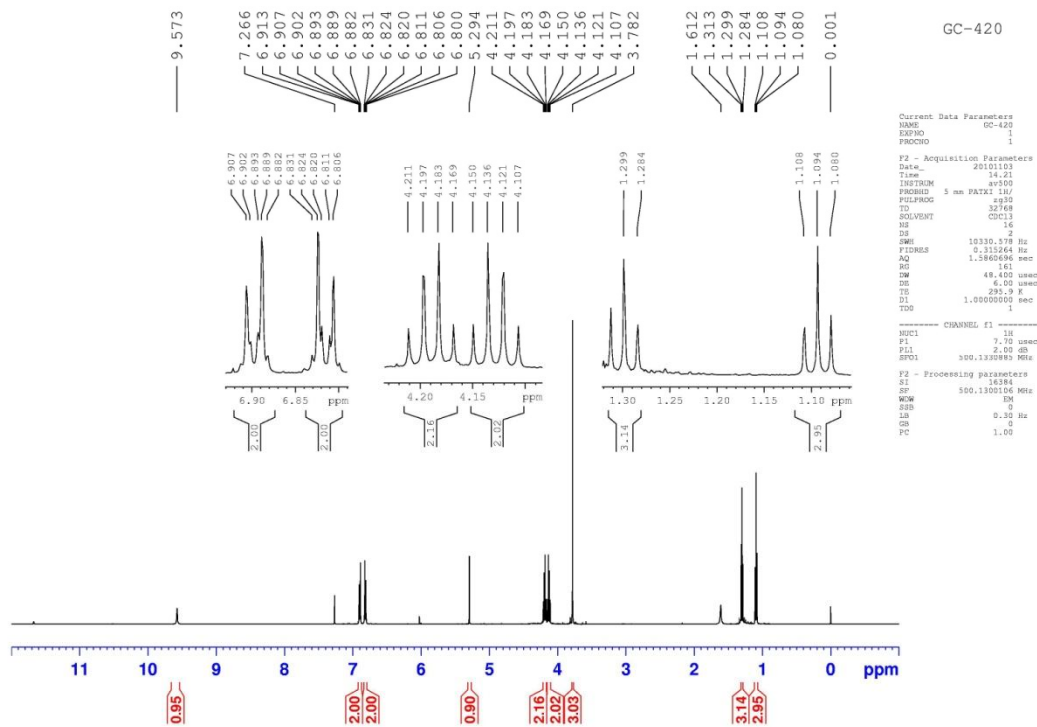
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: Pages SI-70–SI-71

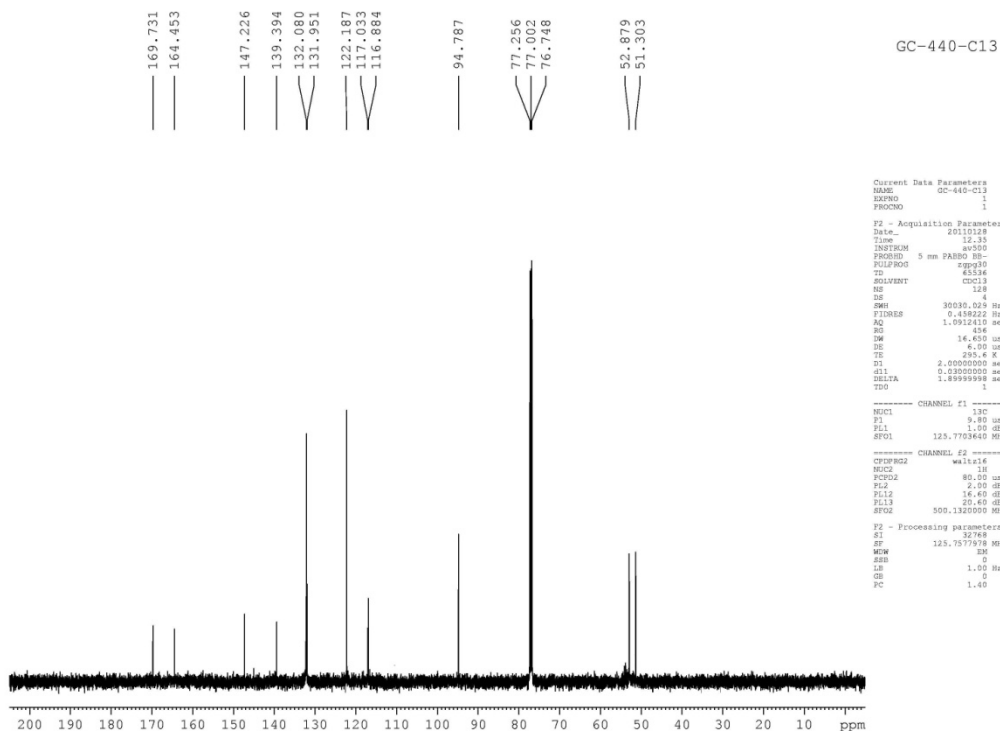
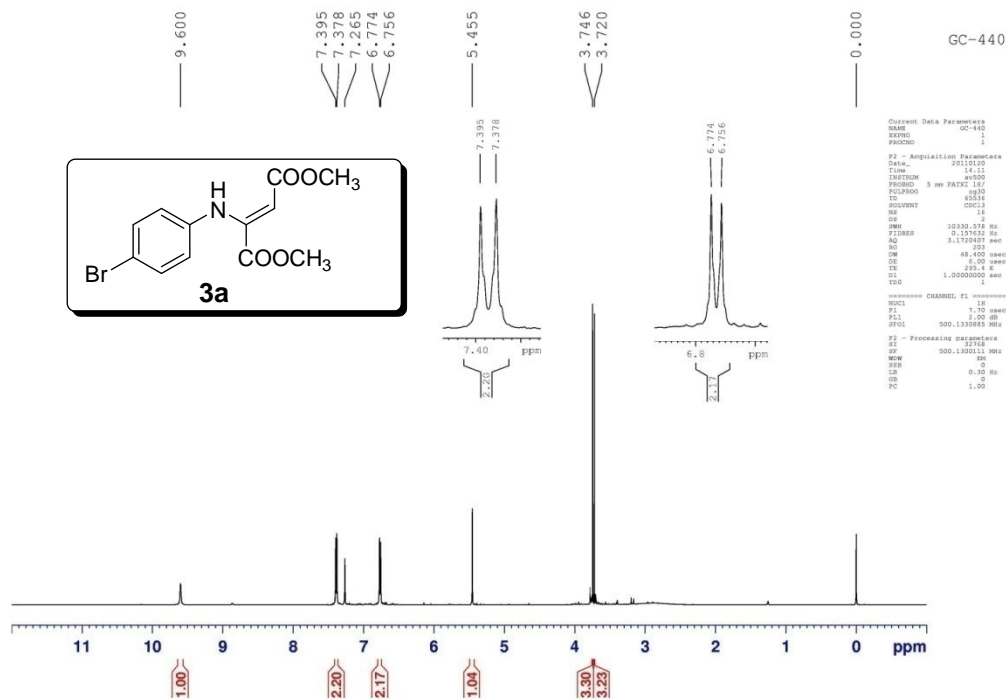
Copies of 2D NMR spectra of **23a** and **23b** : Page SI-72

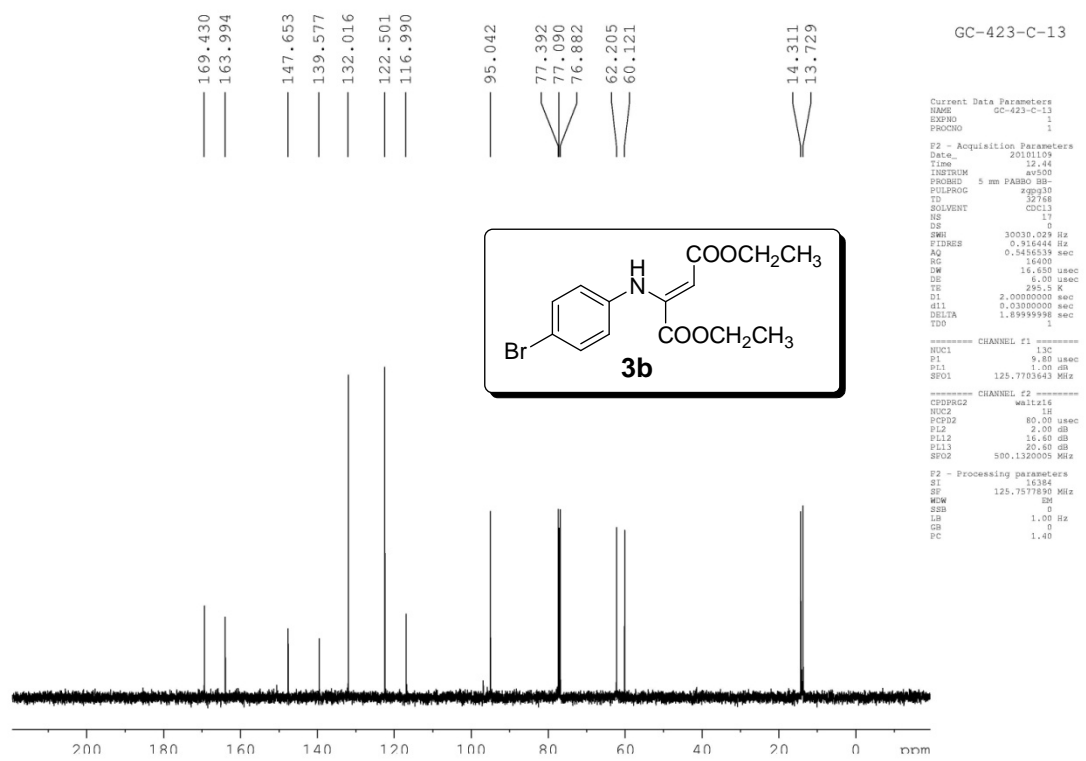
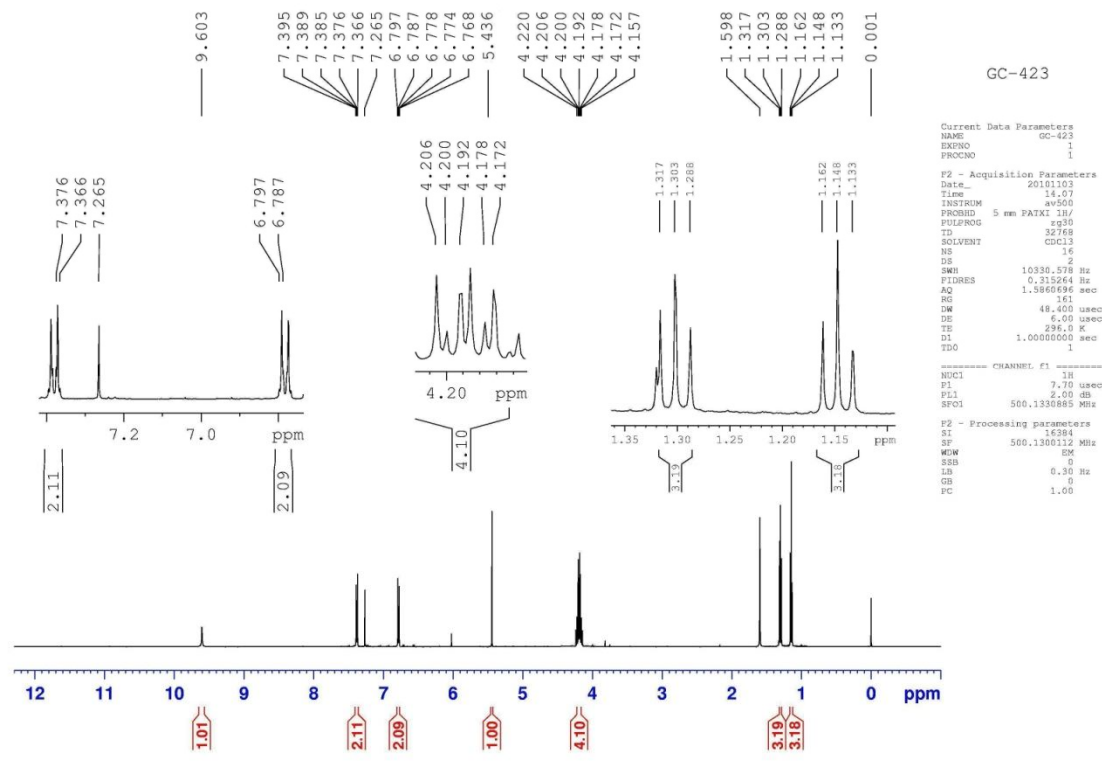


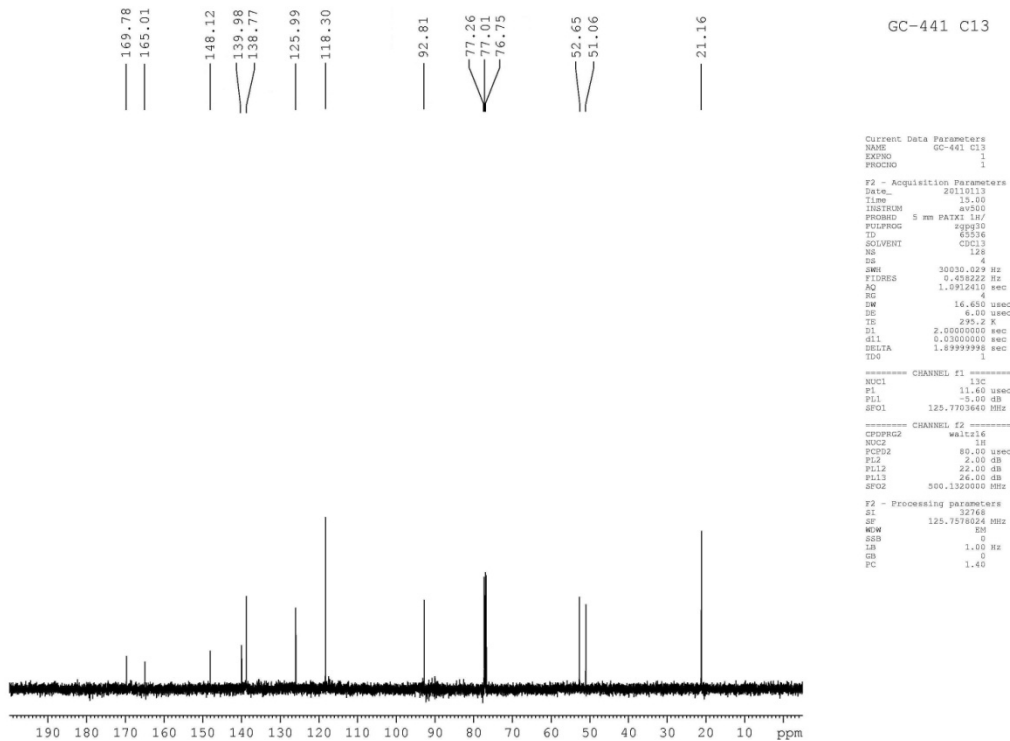
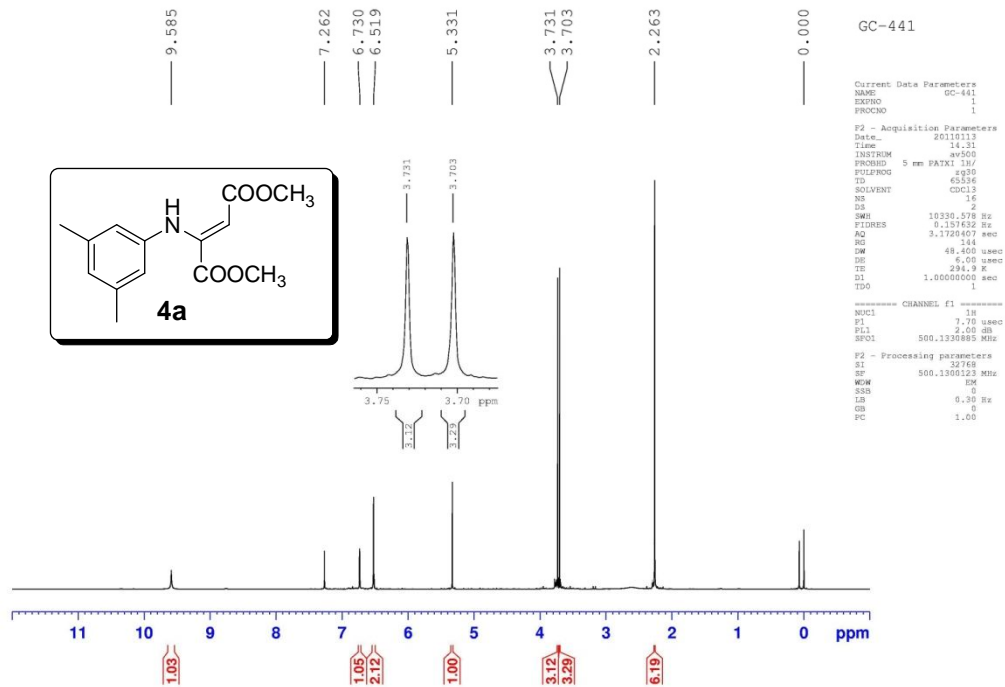


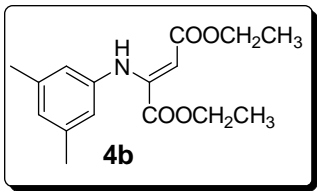
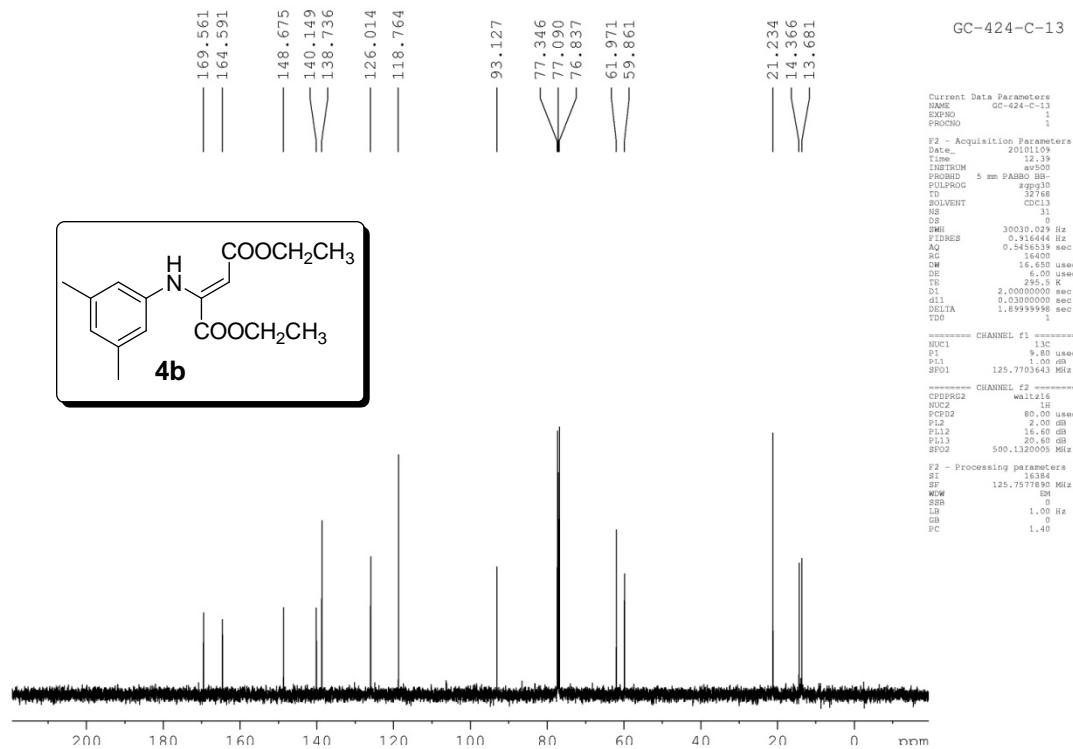
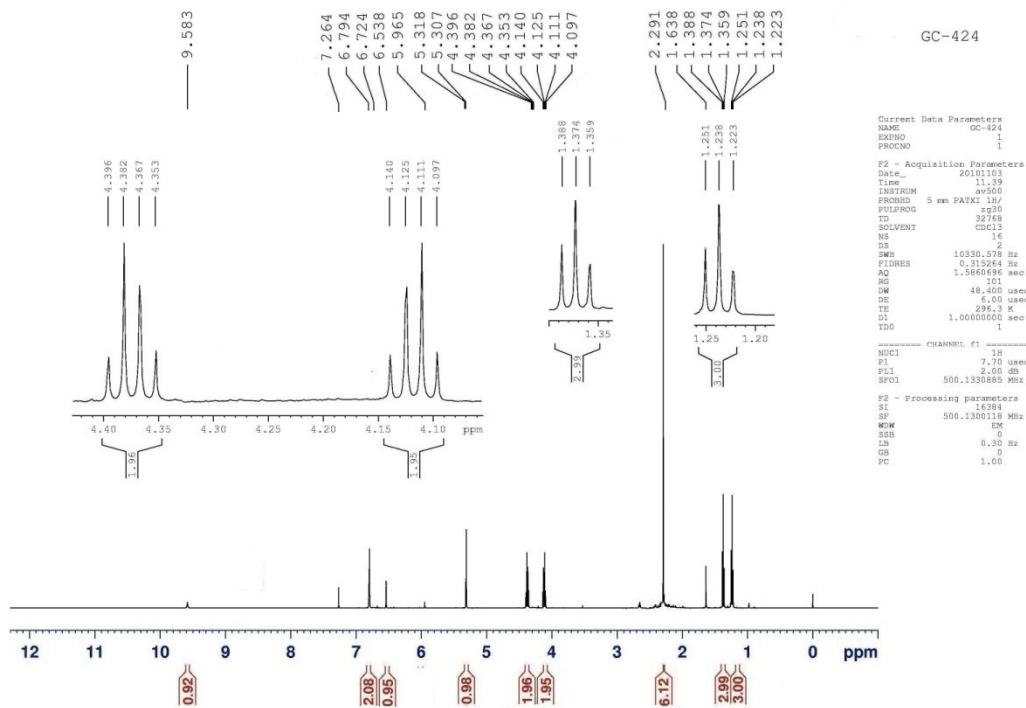


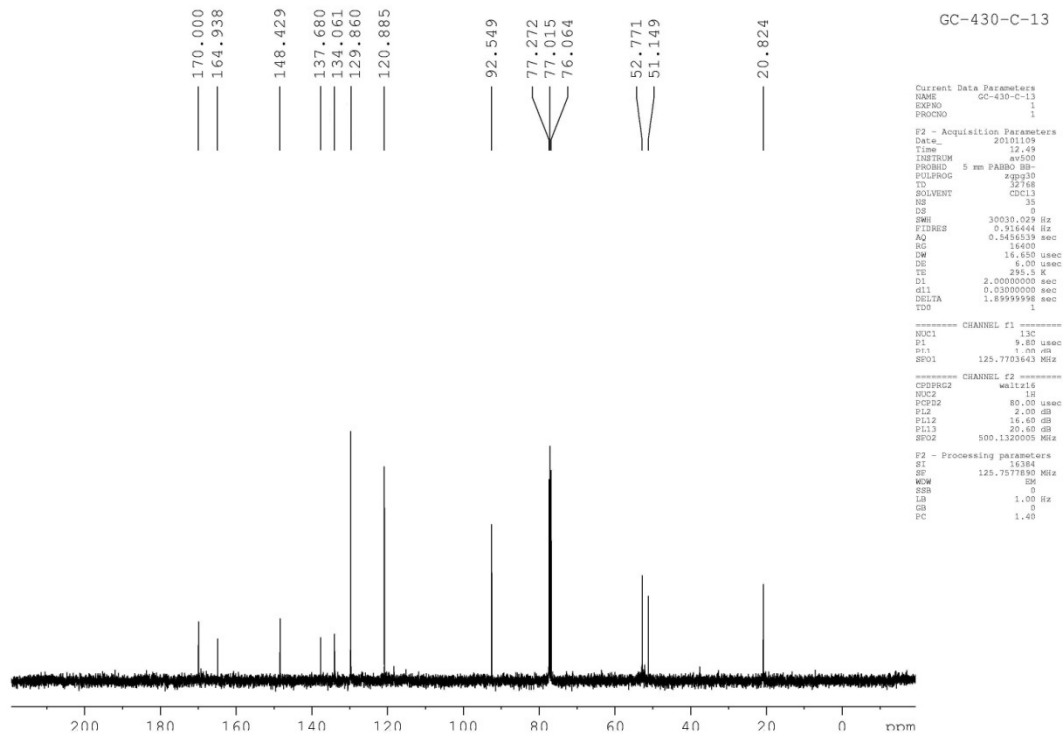
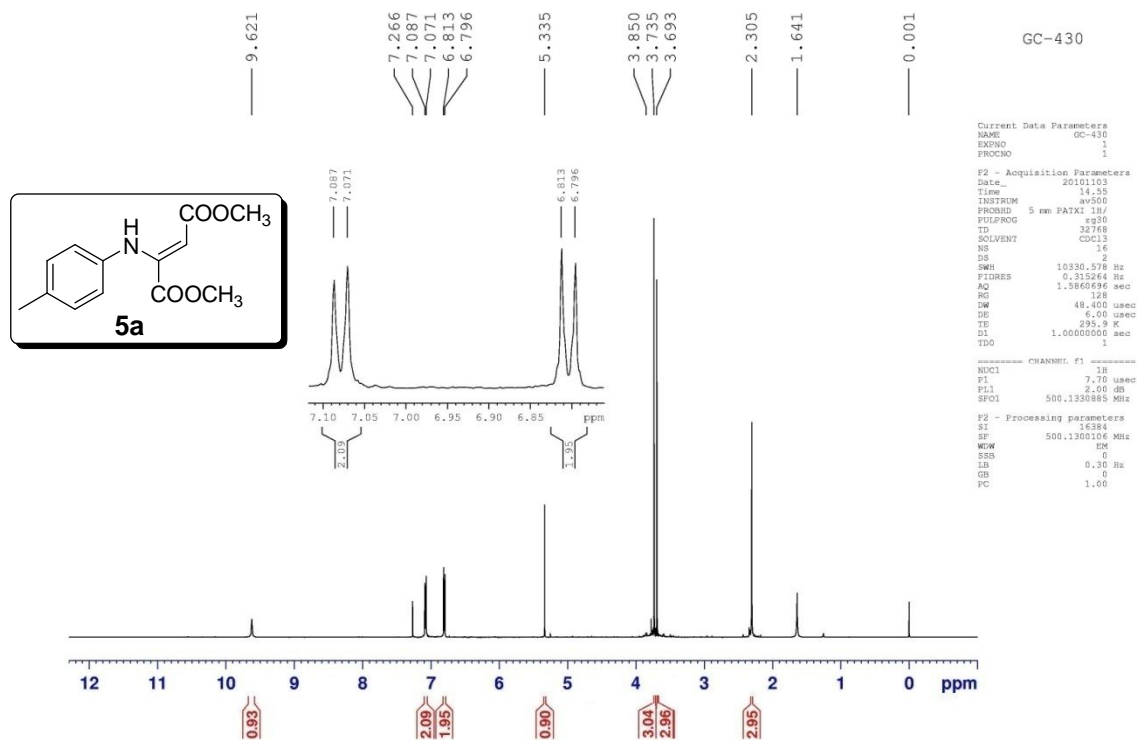


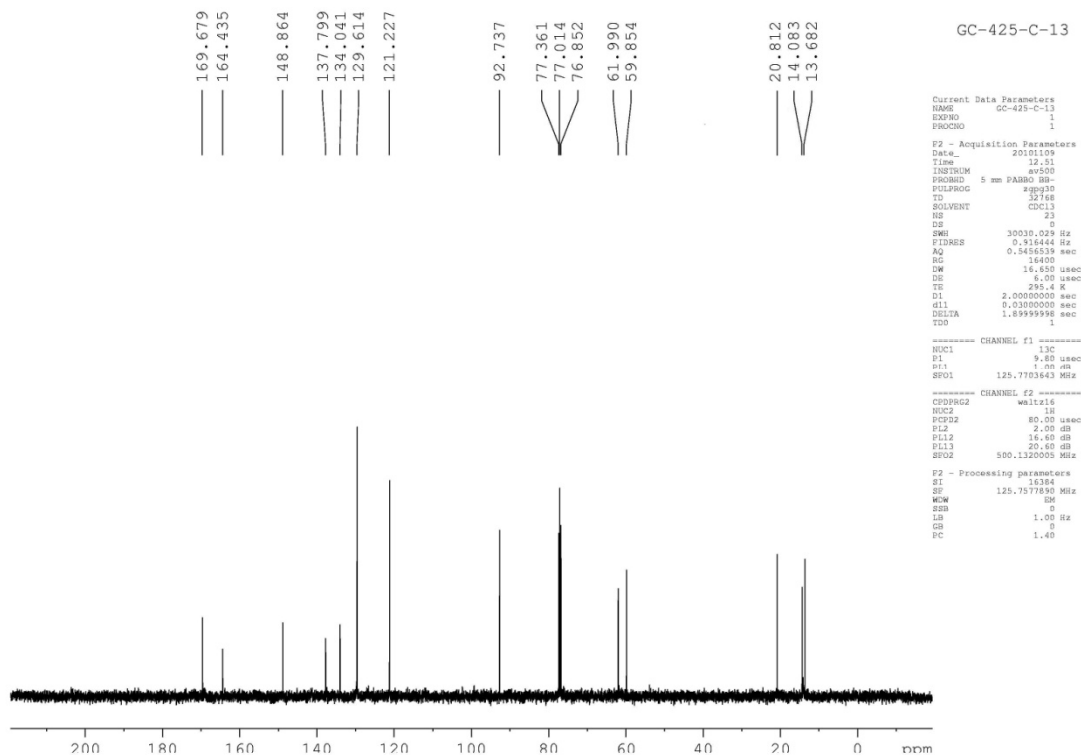
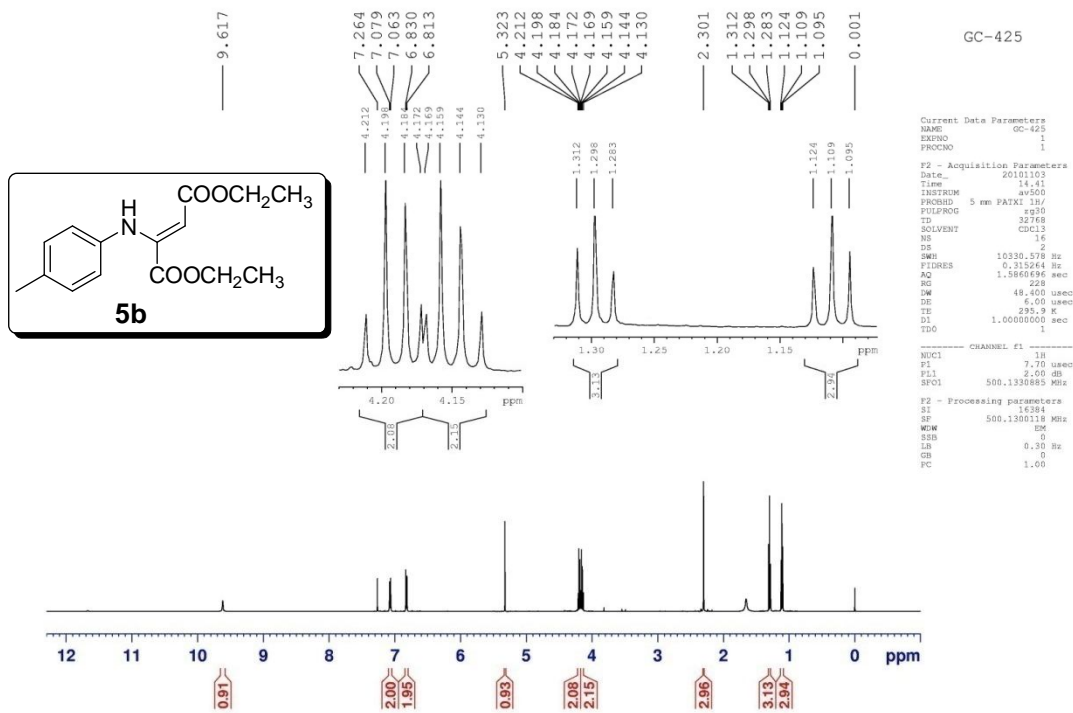


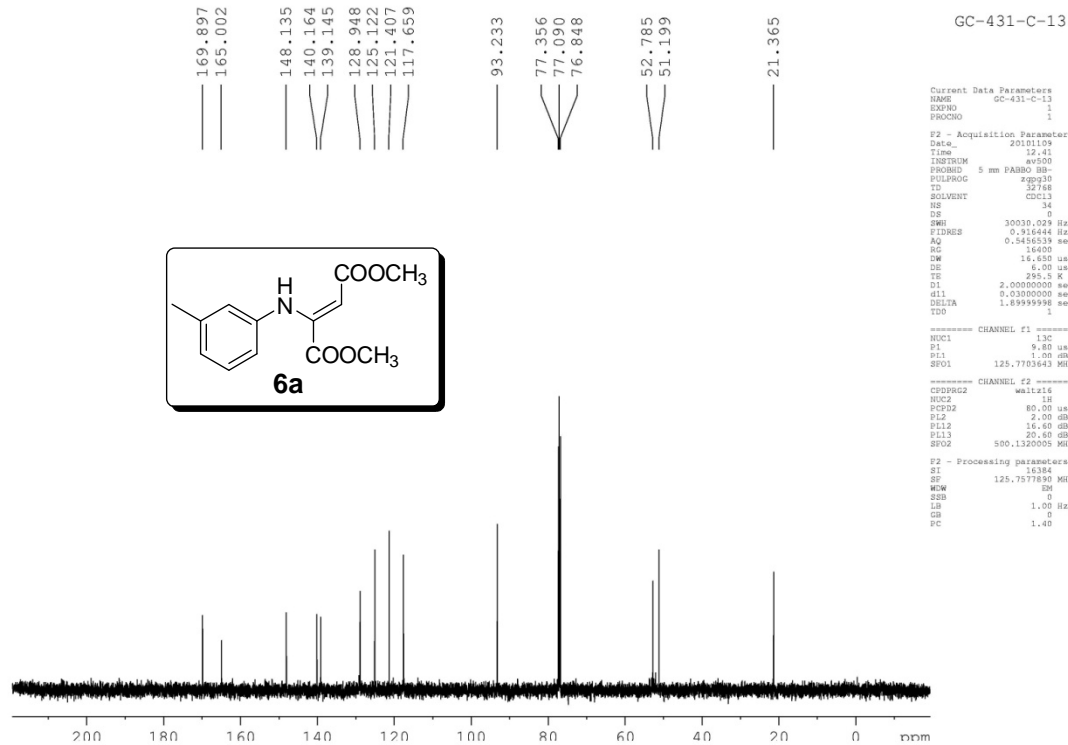
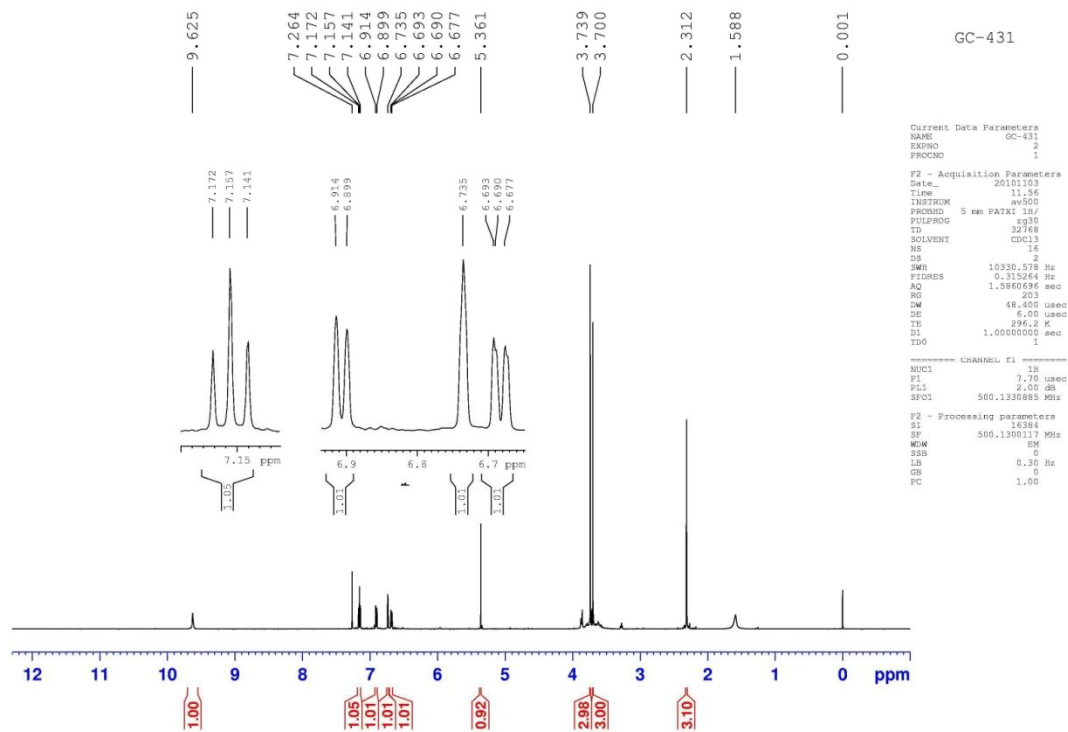


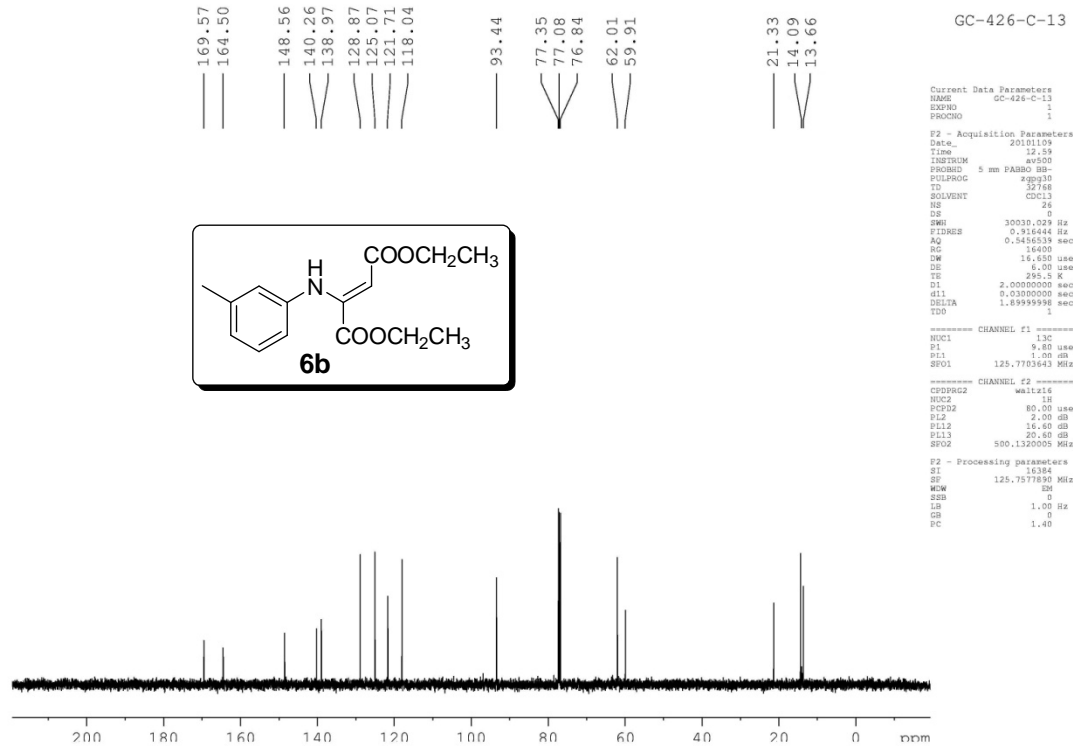
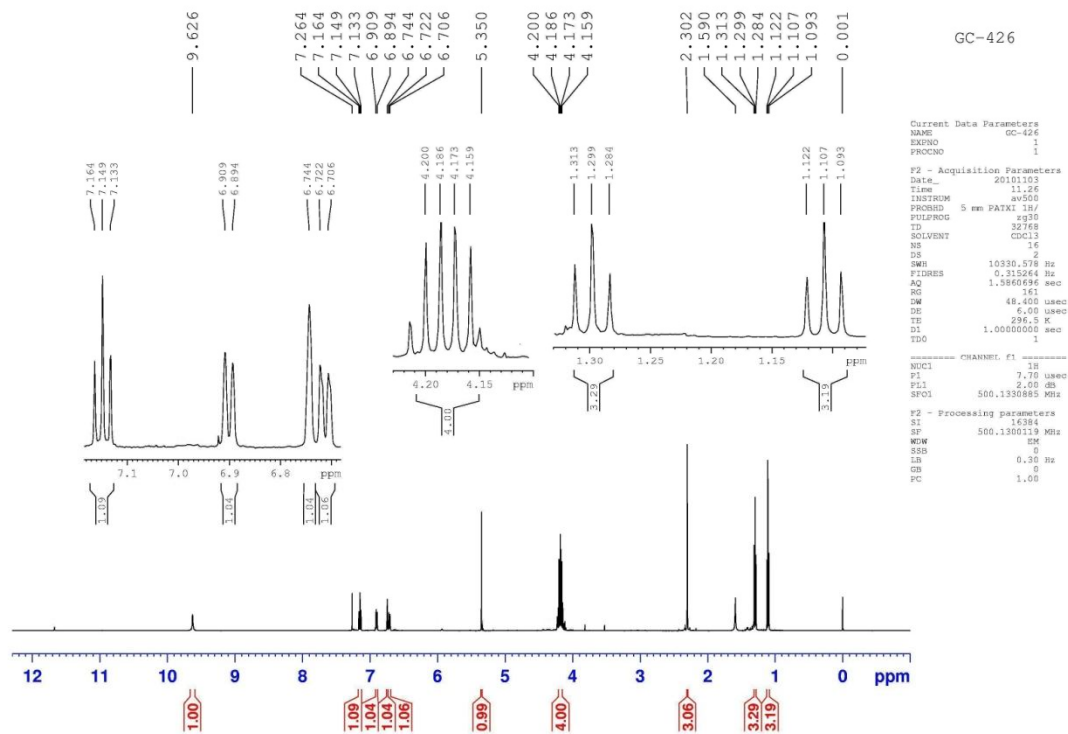


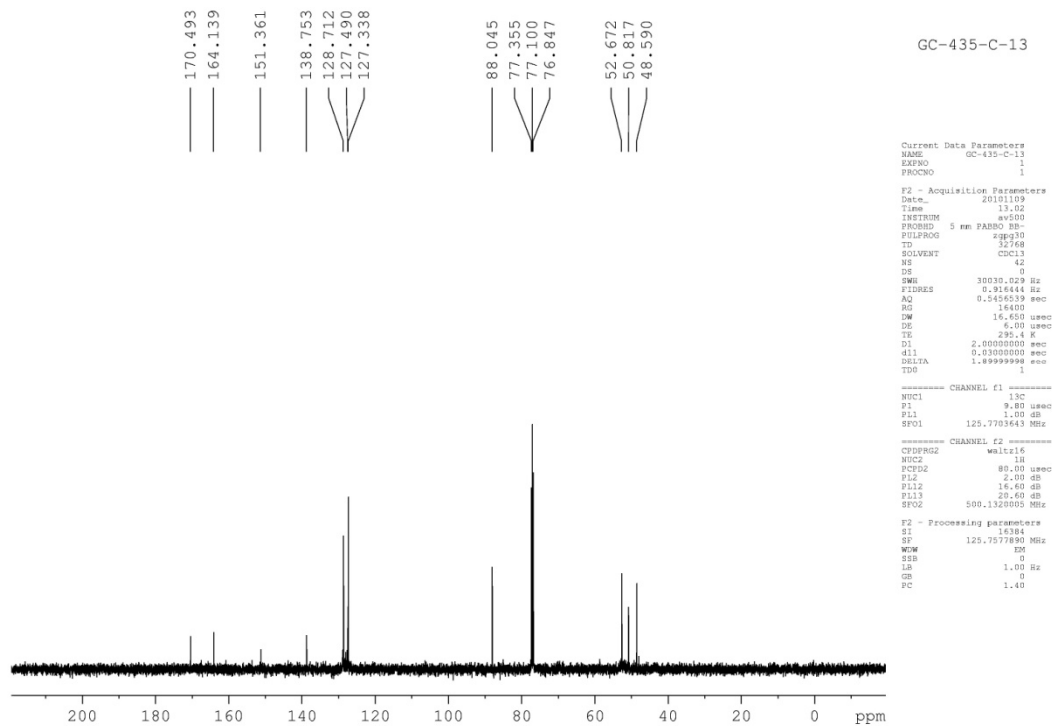
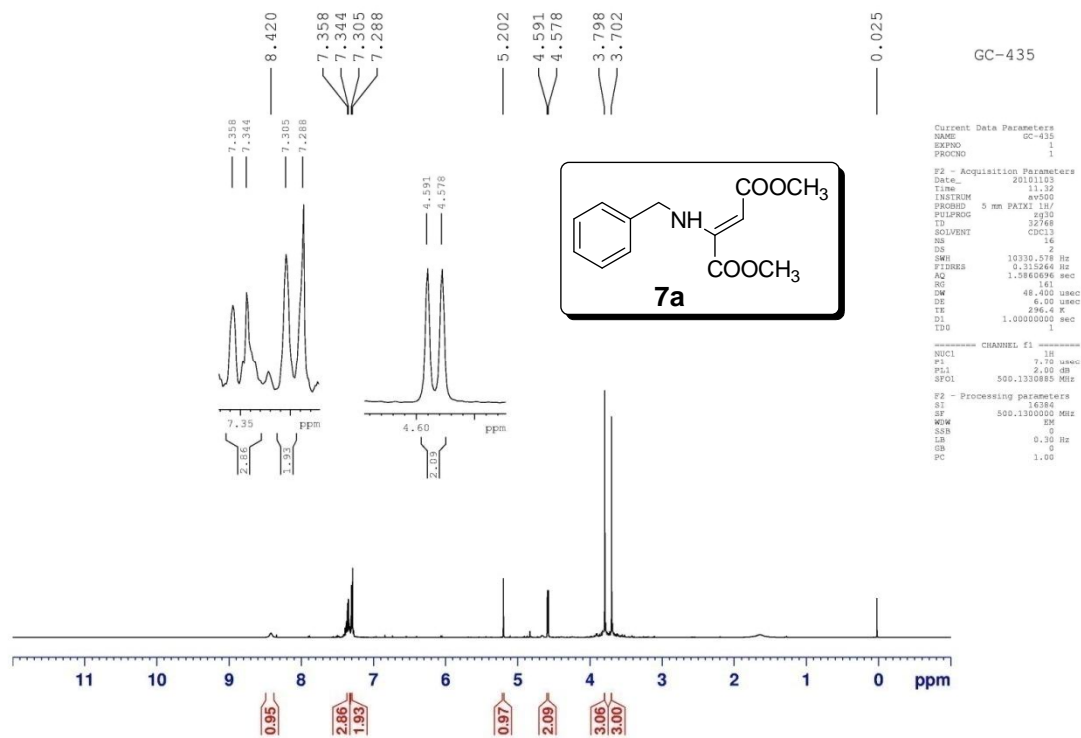


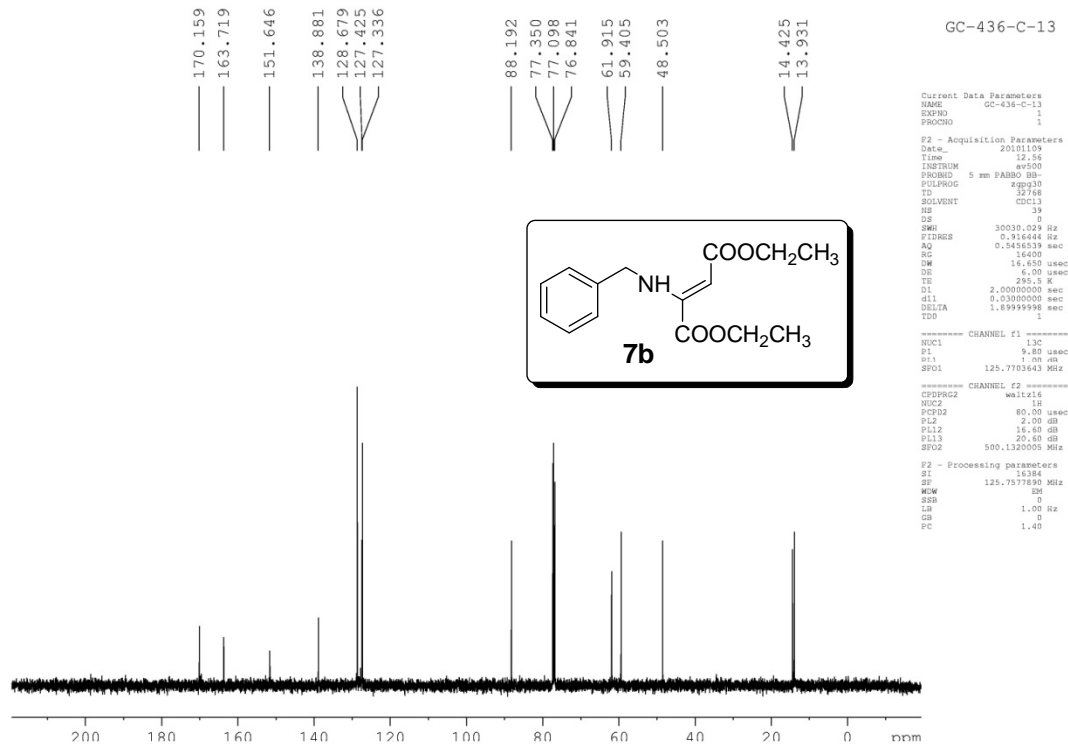
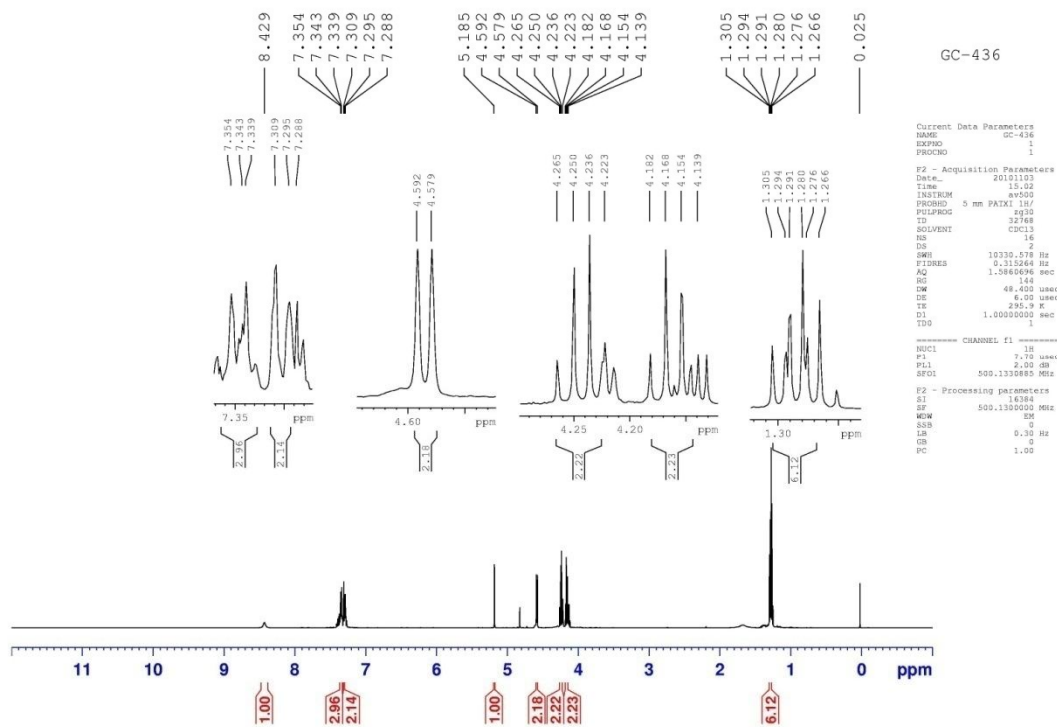


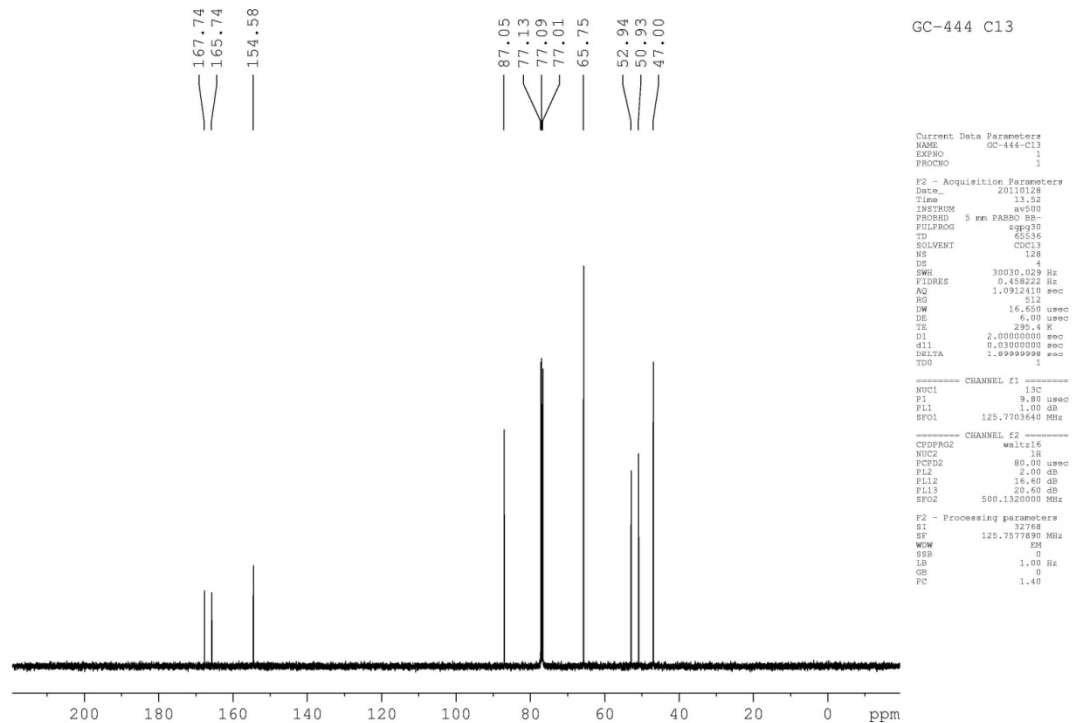
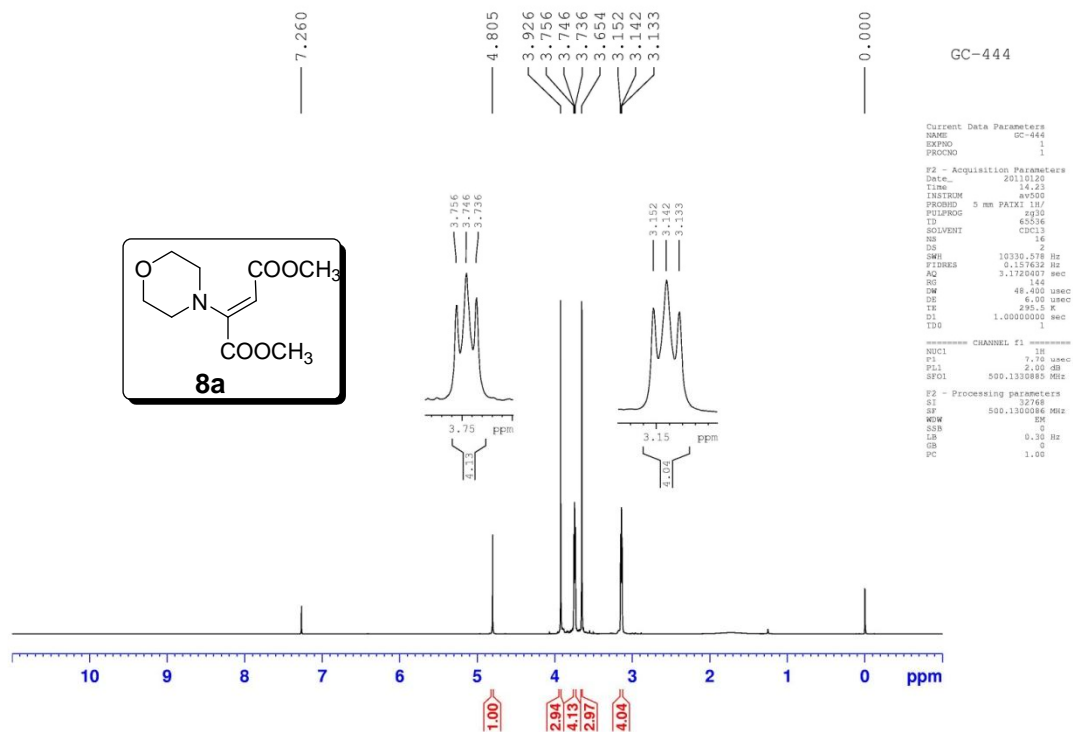


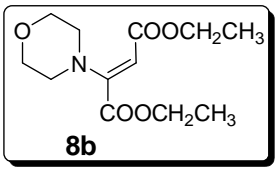
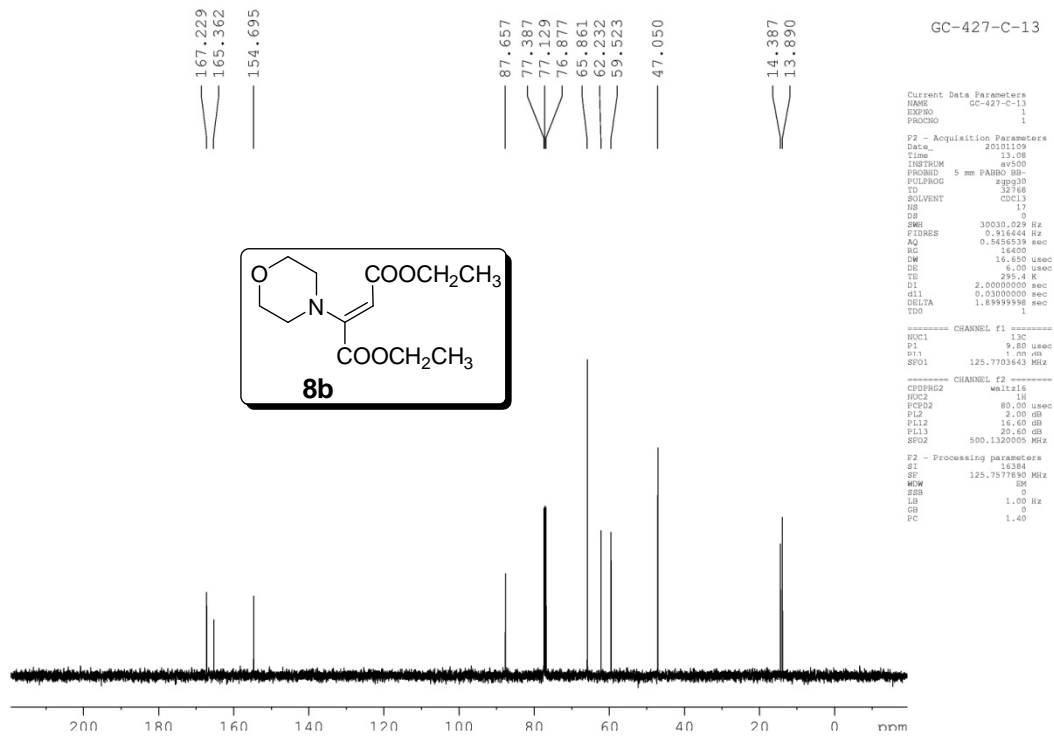
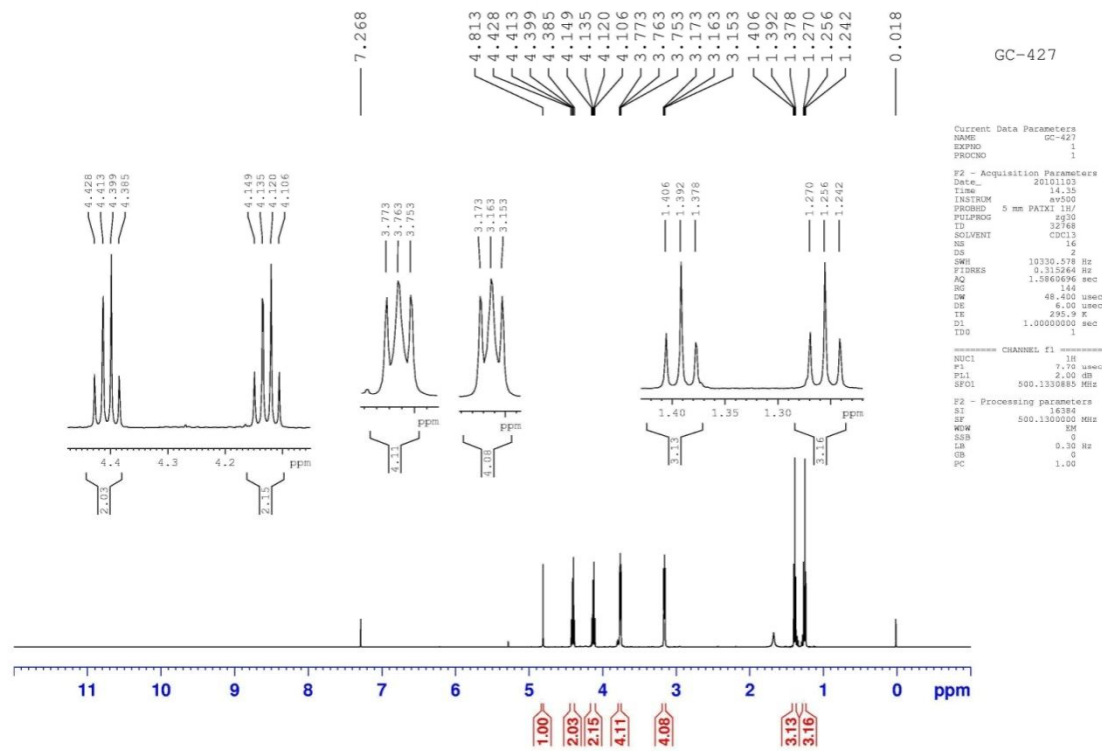


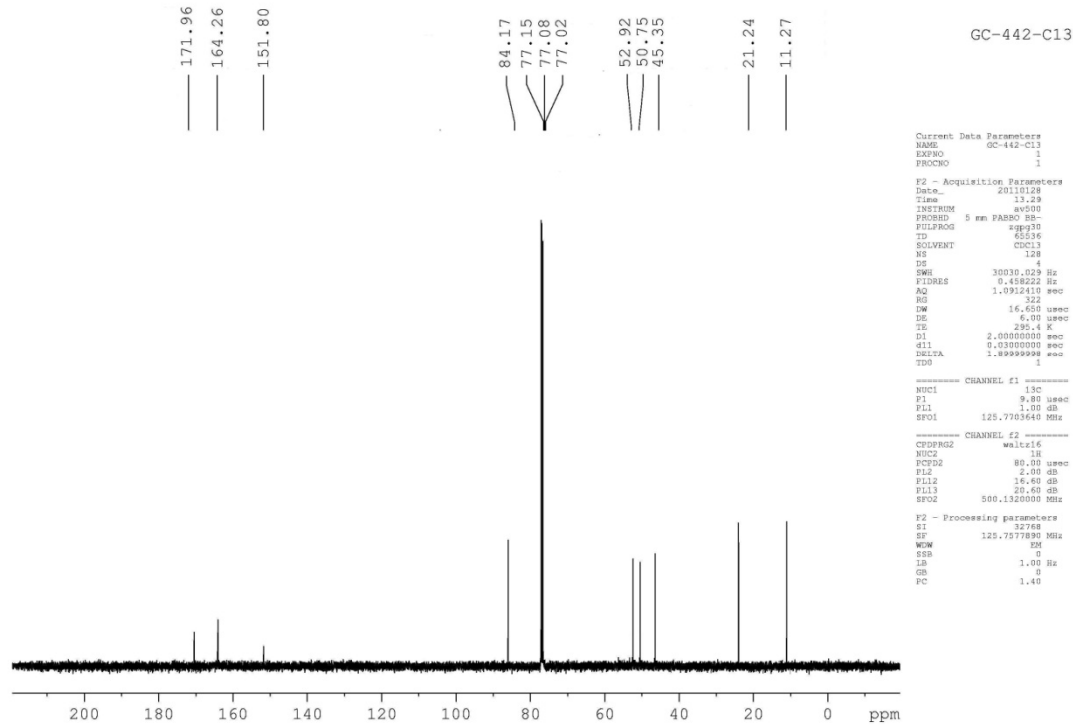
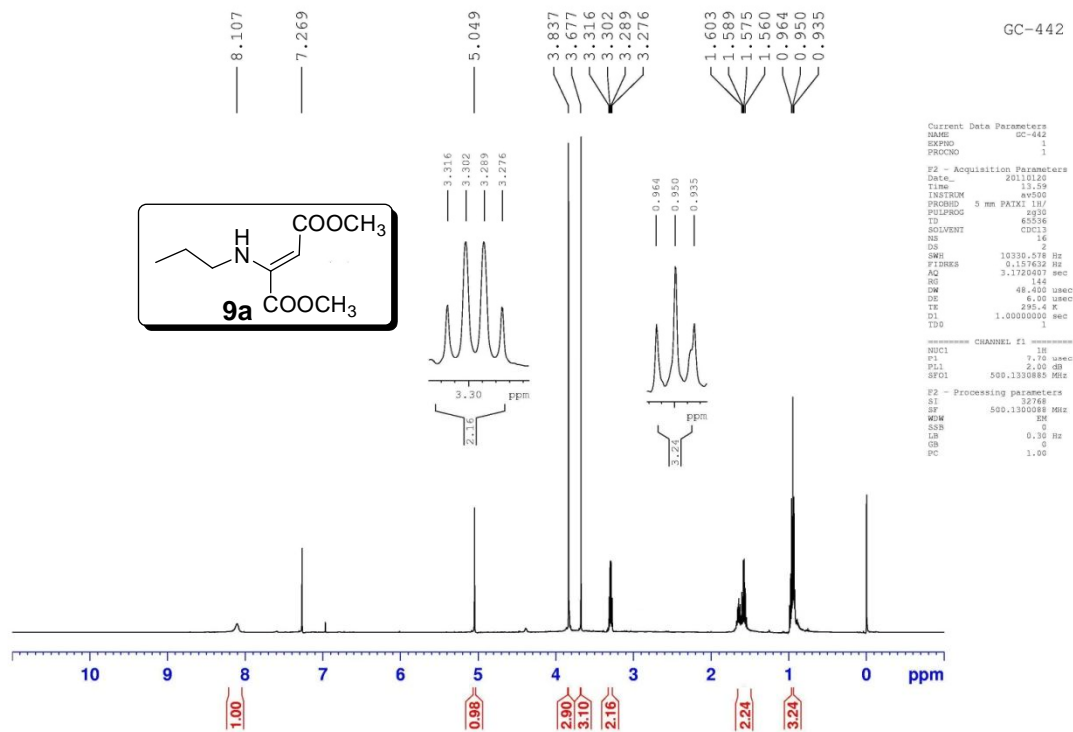


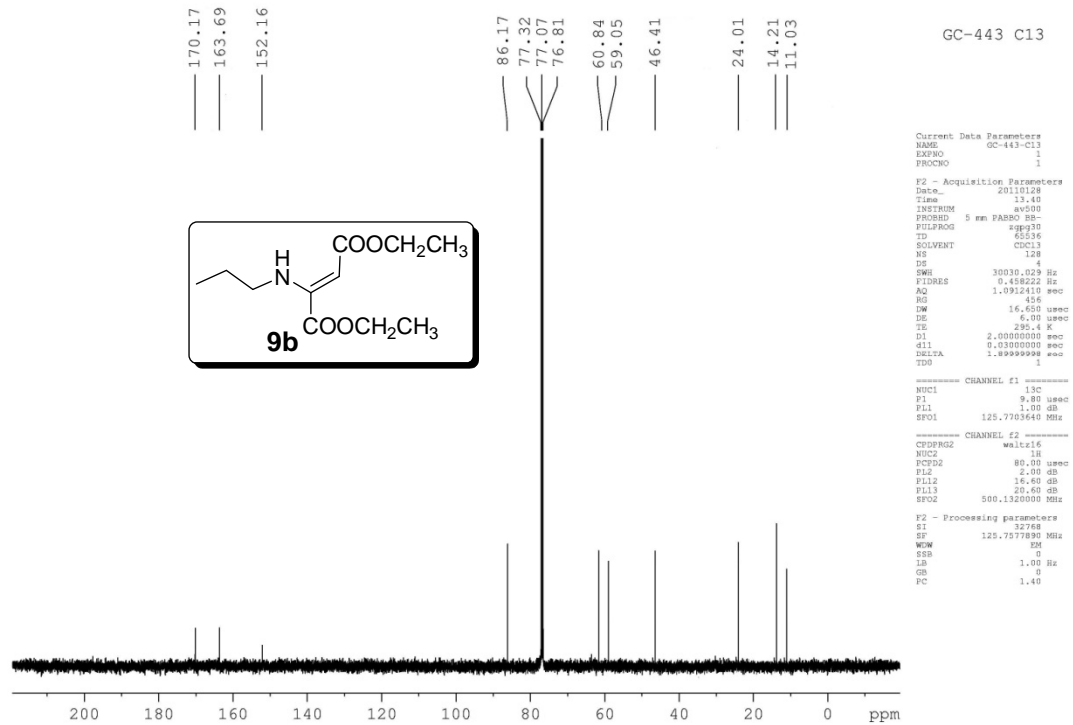
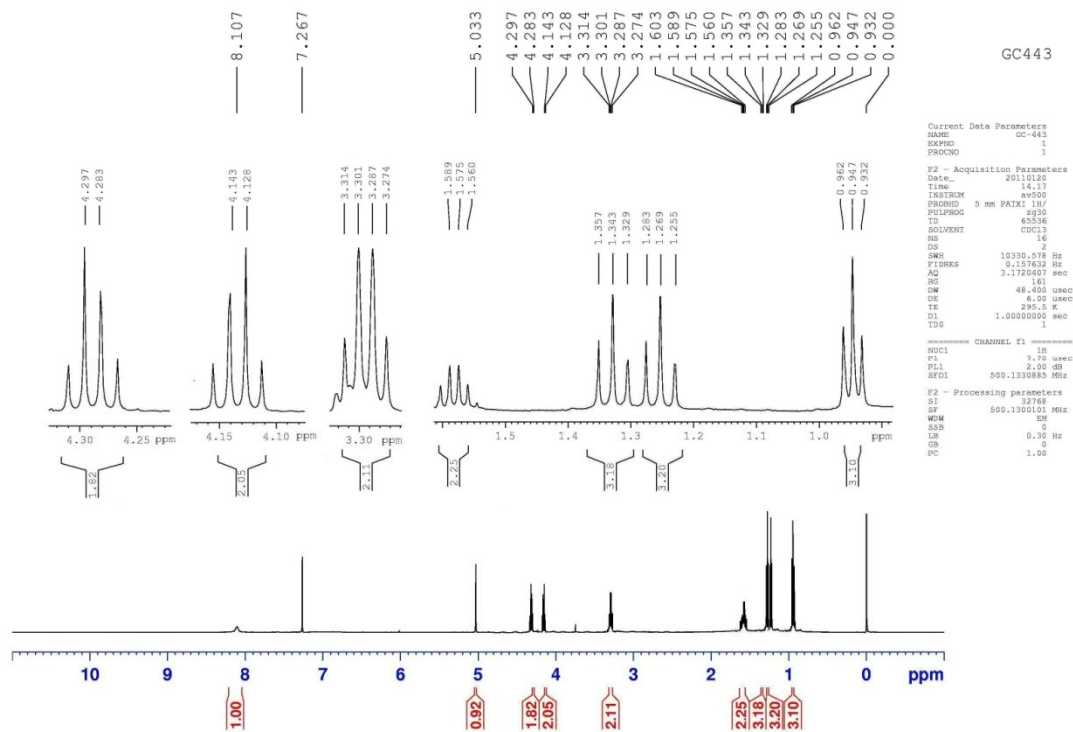


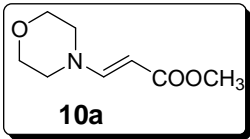
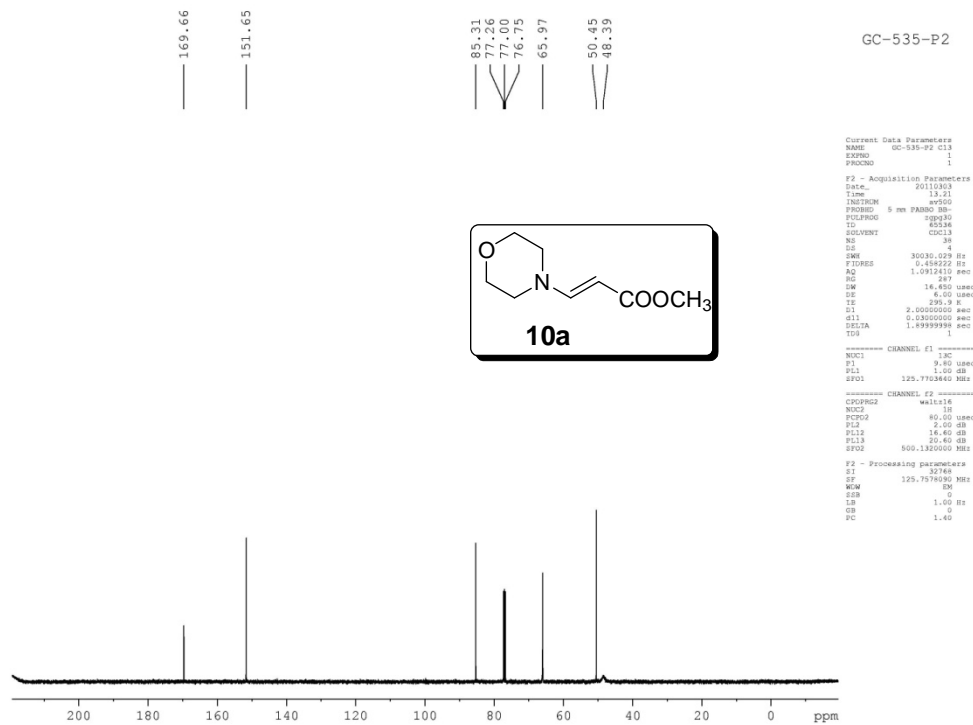
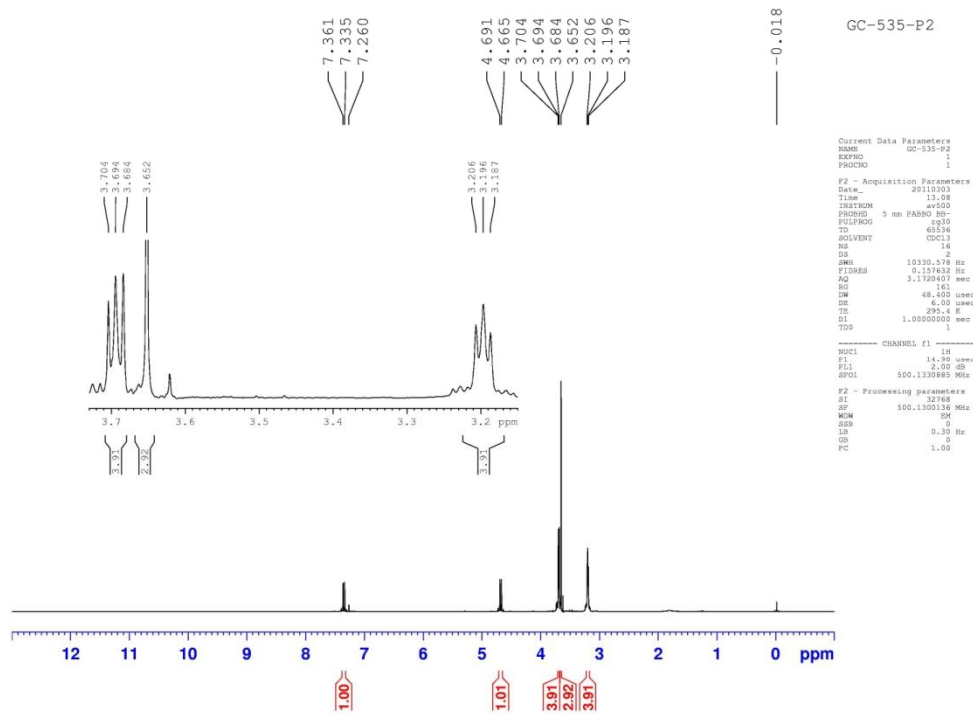


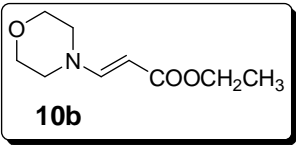
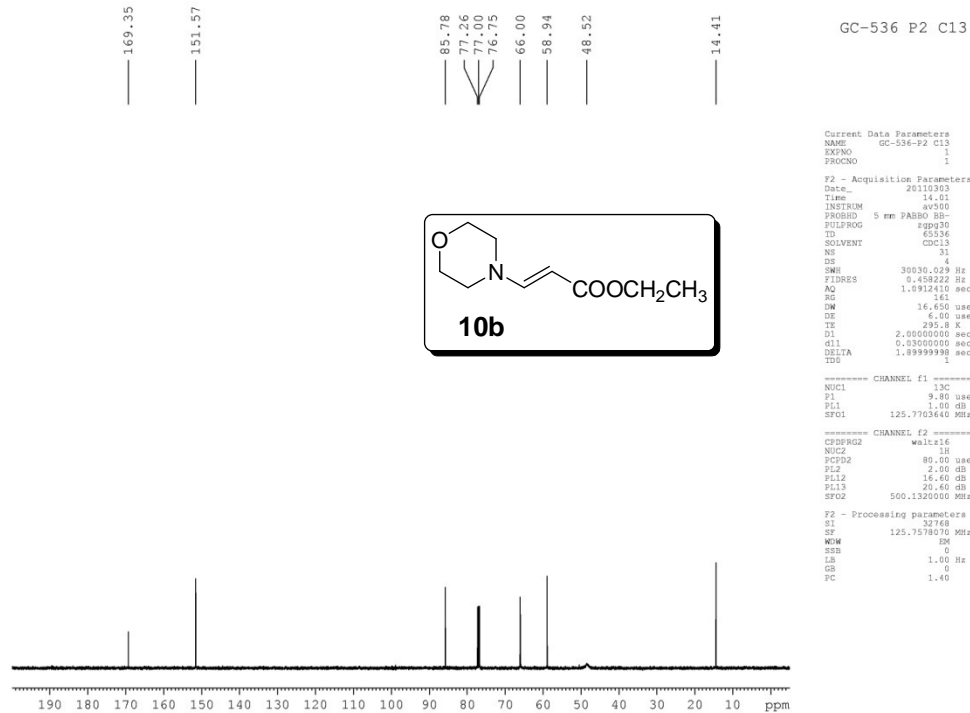
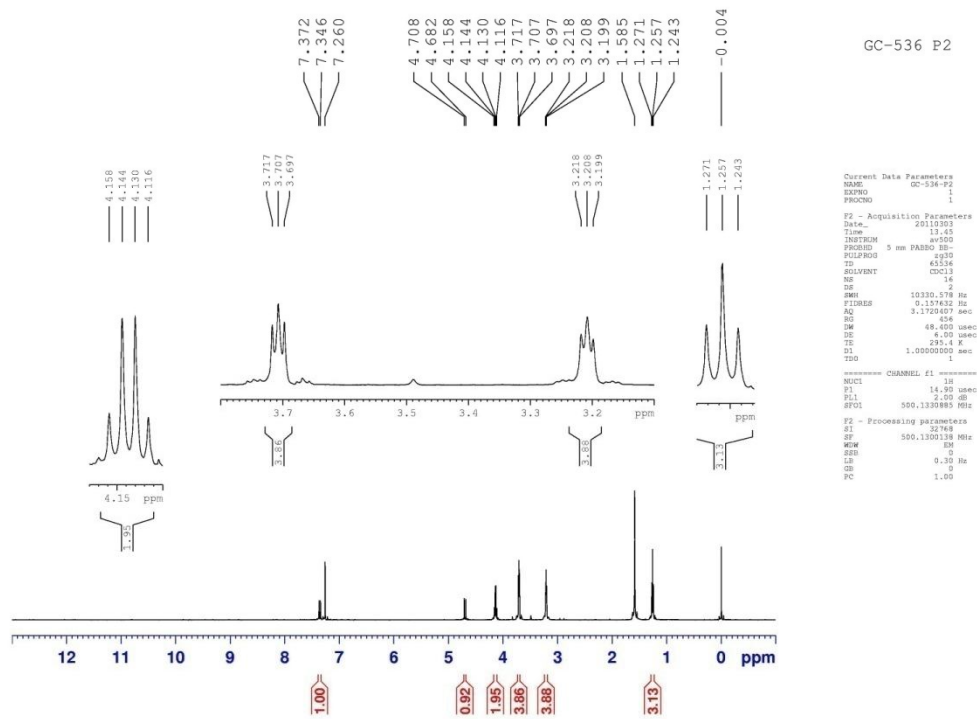


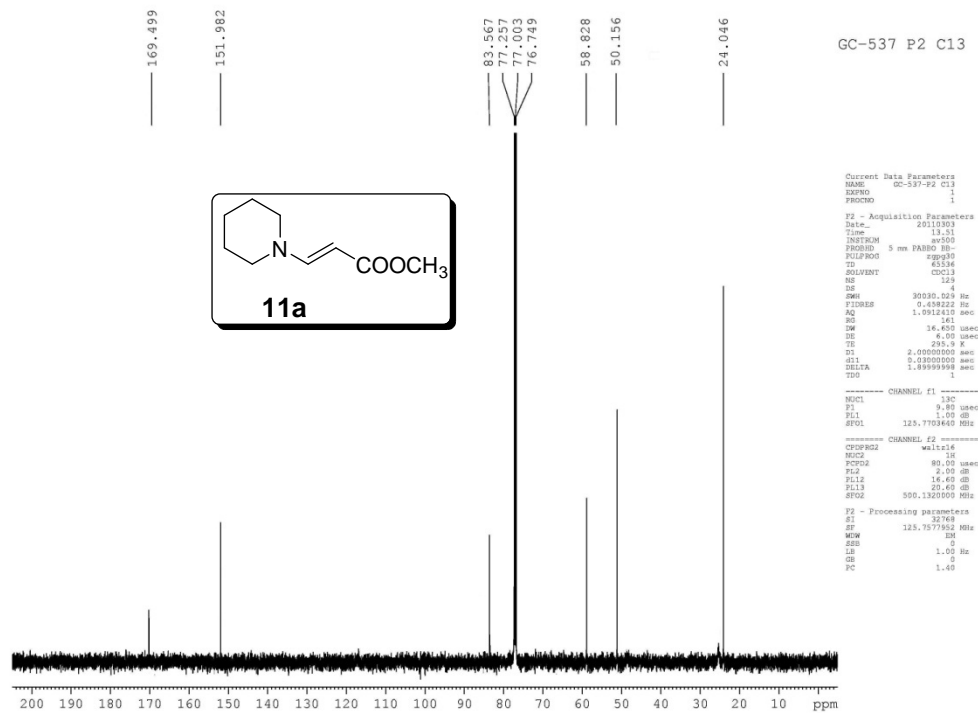
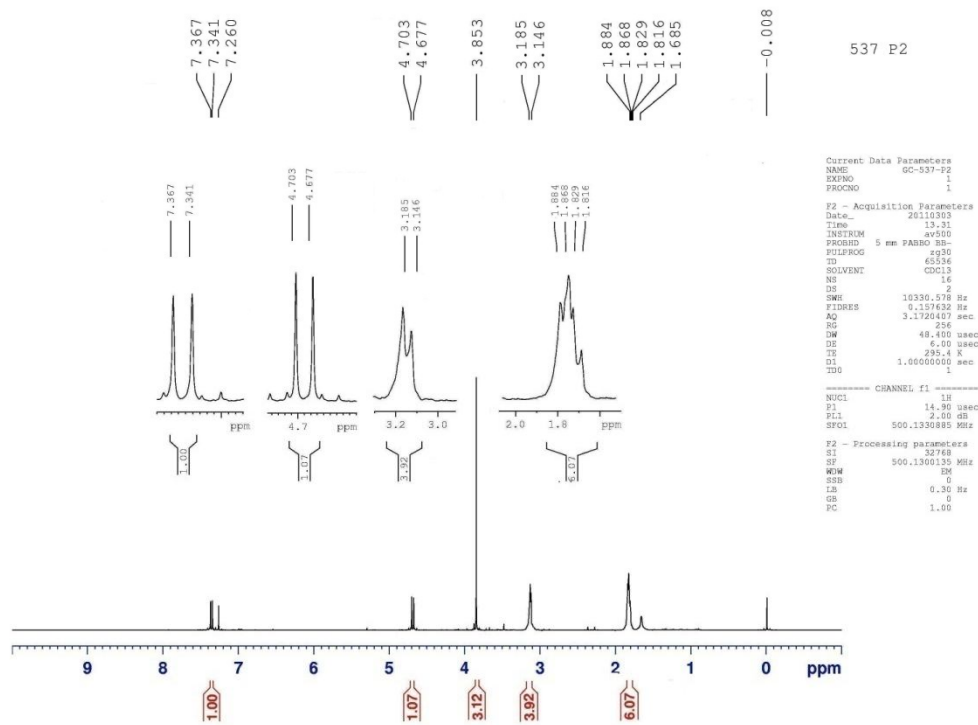


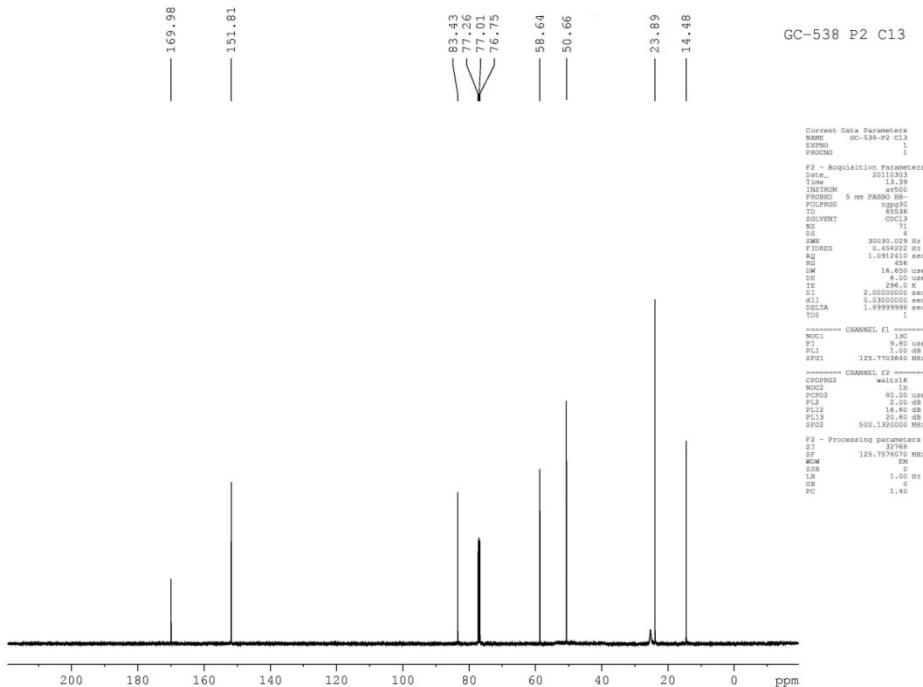
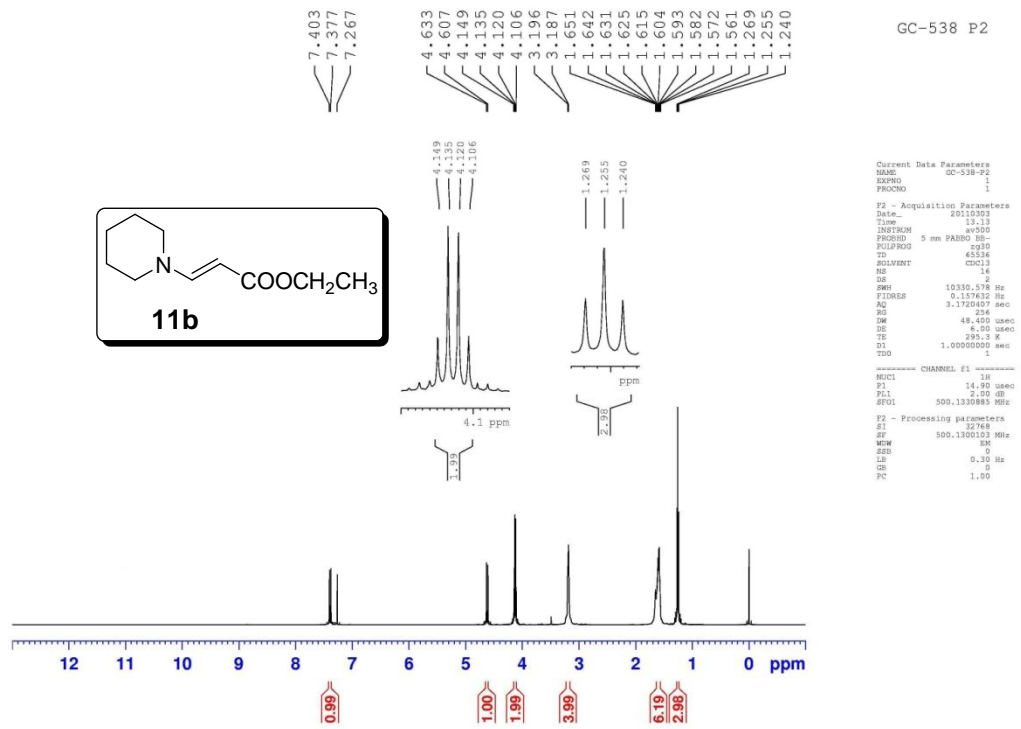


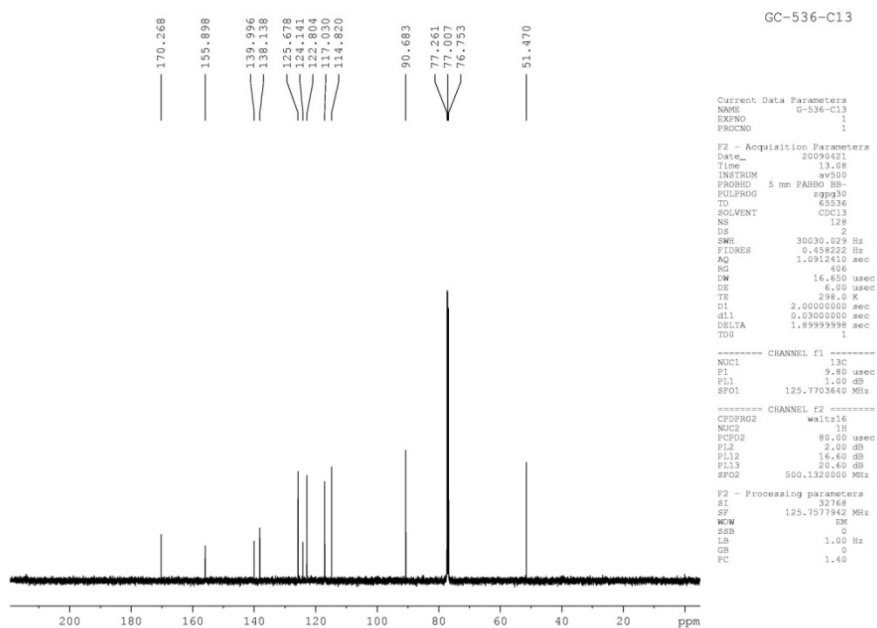
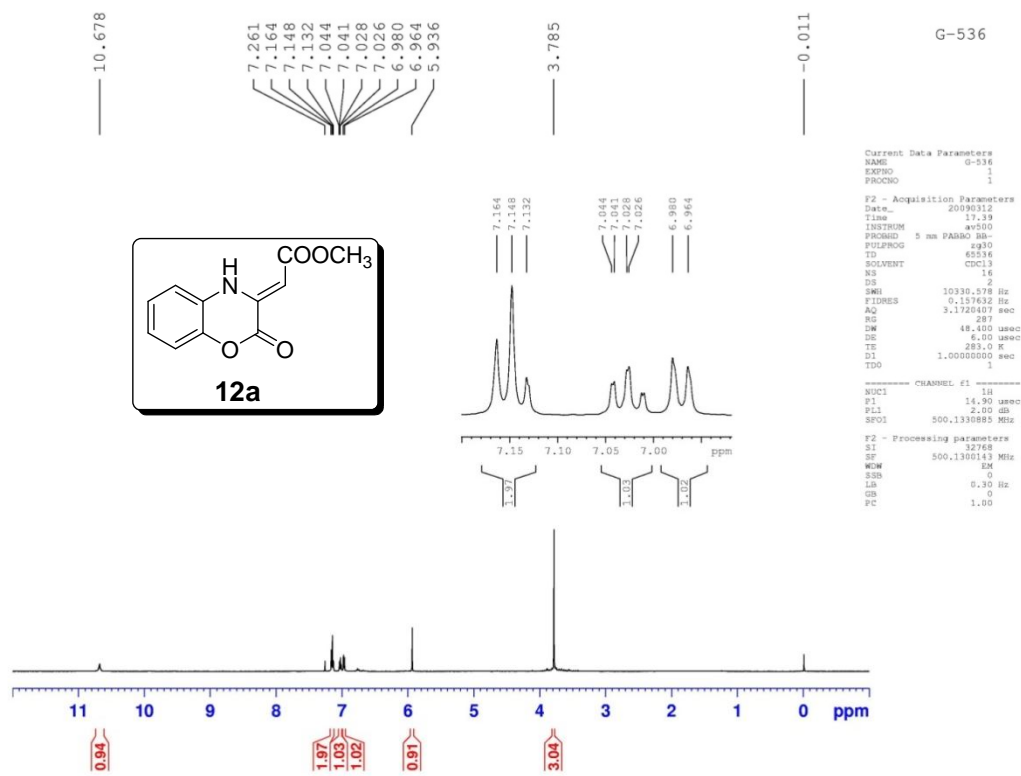


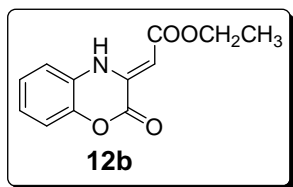
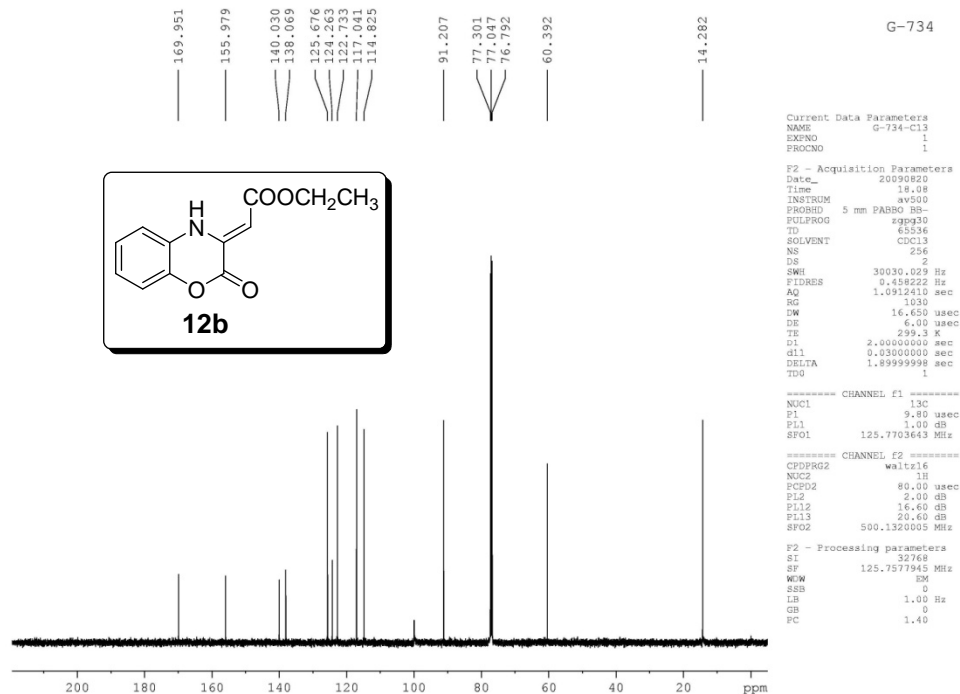
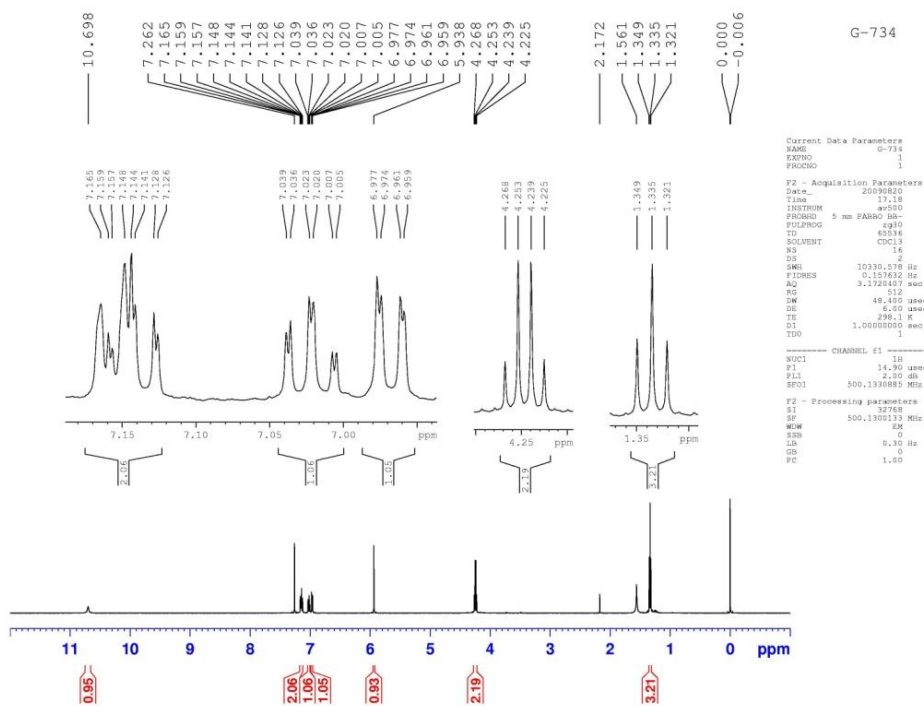


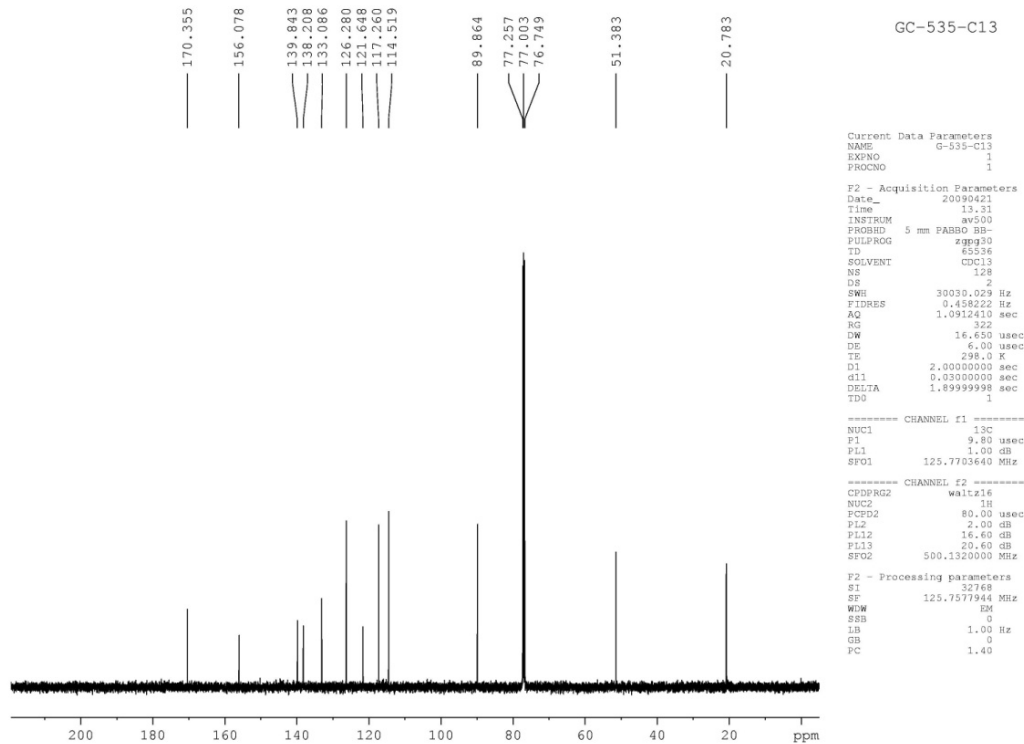
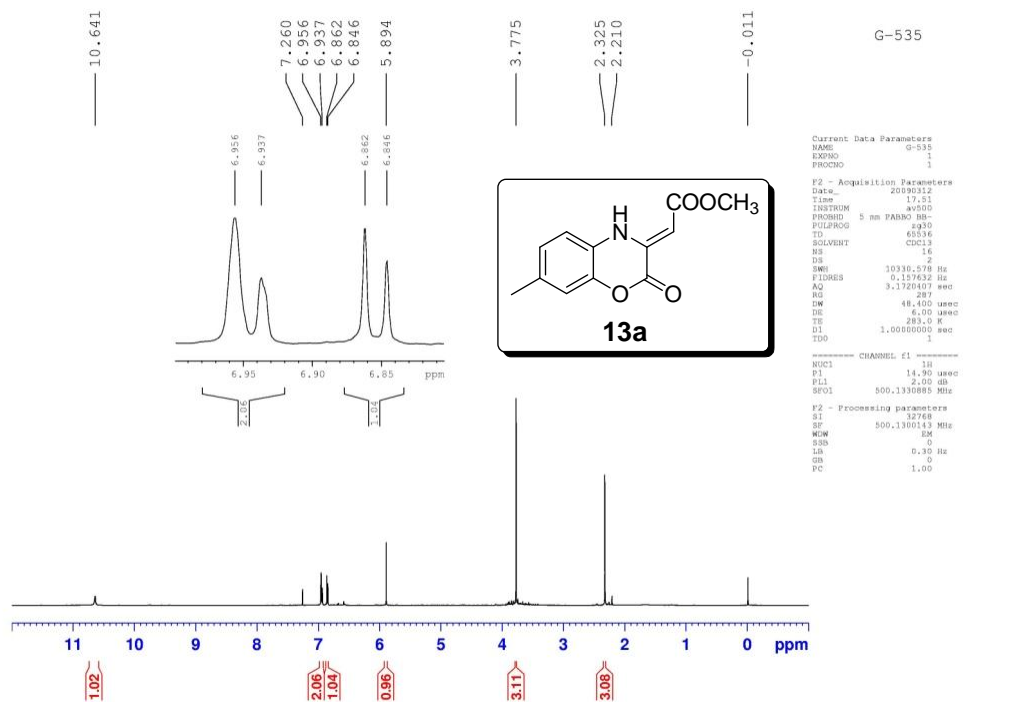


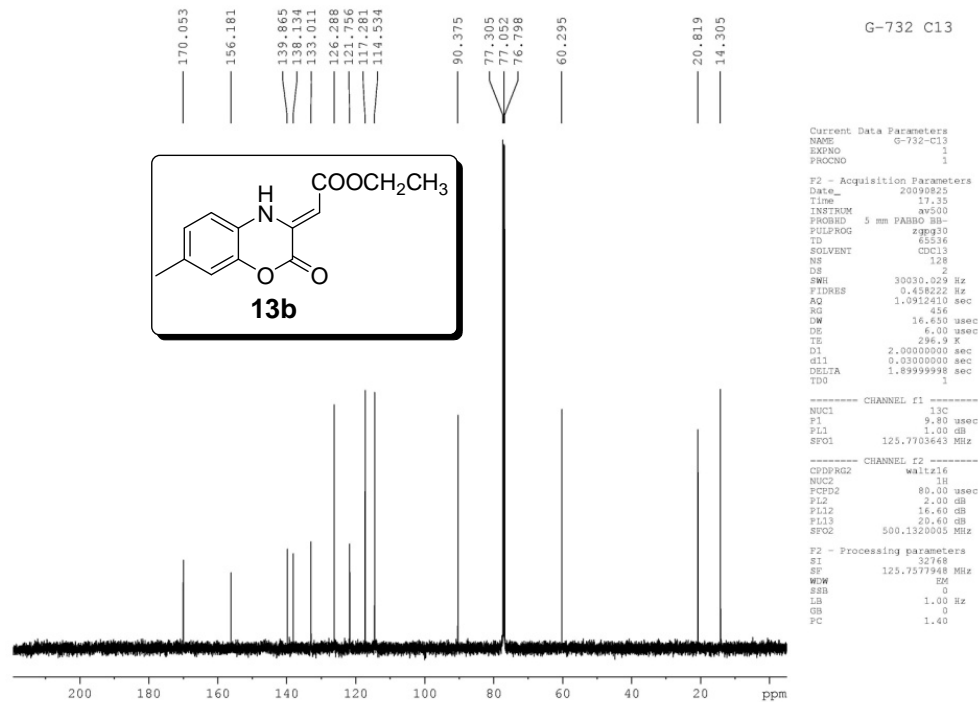
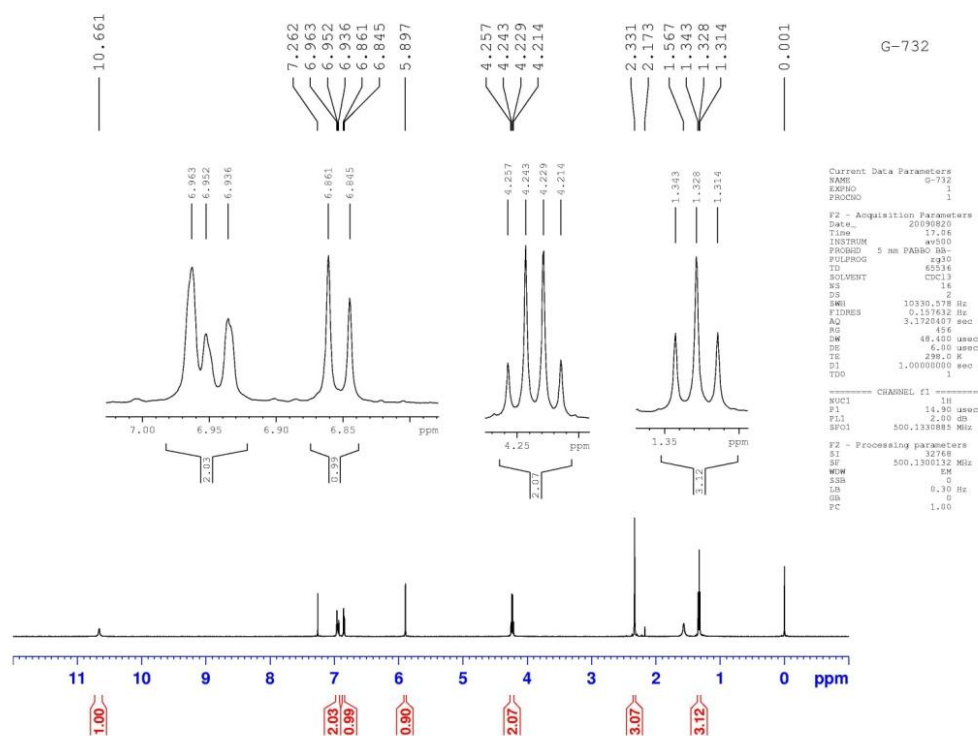


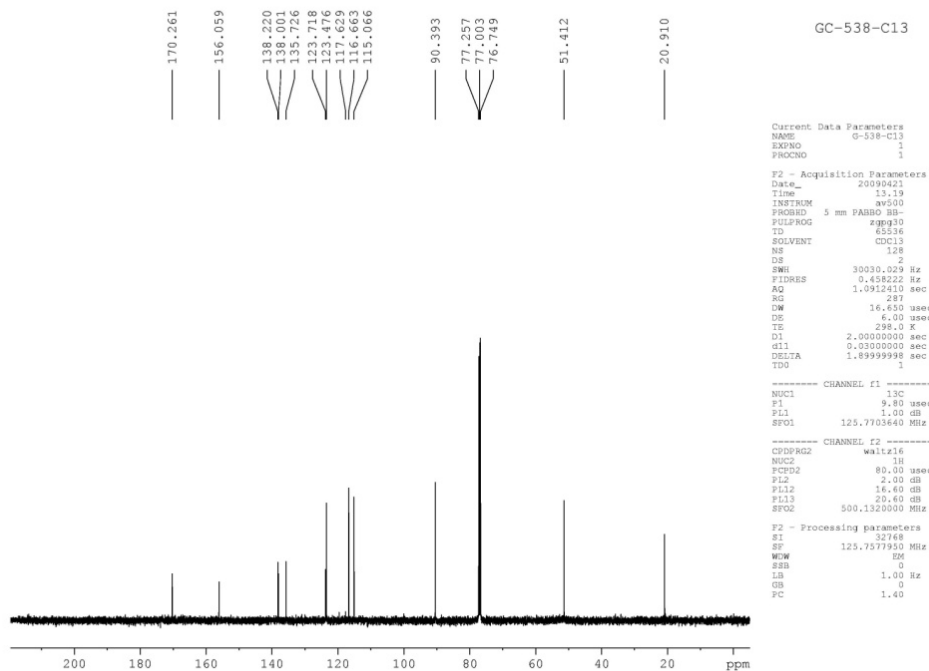
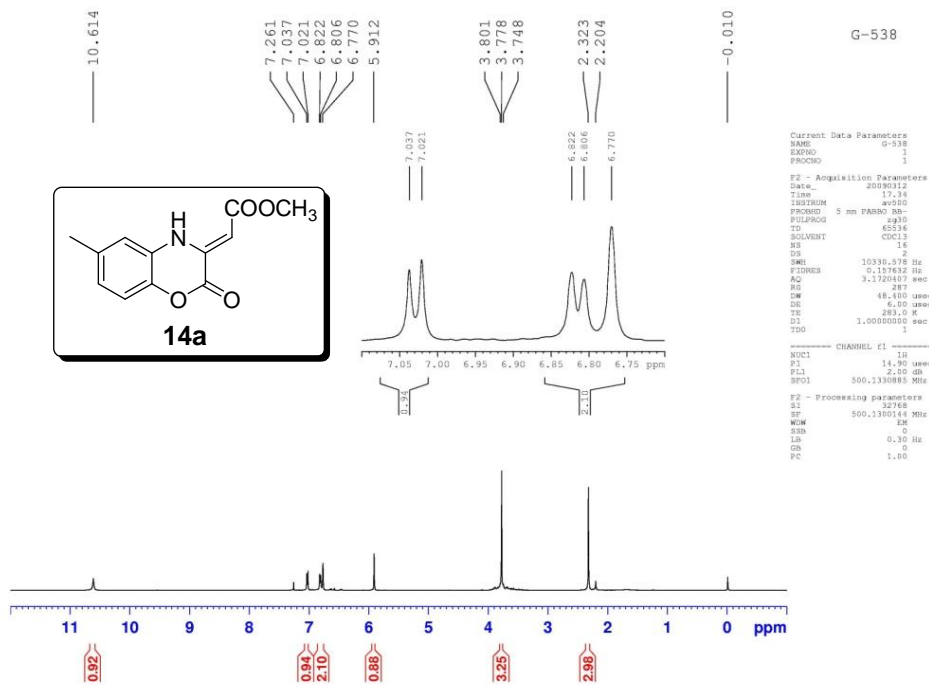


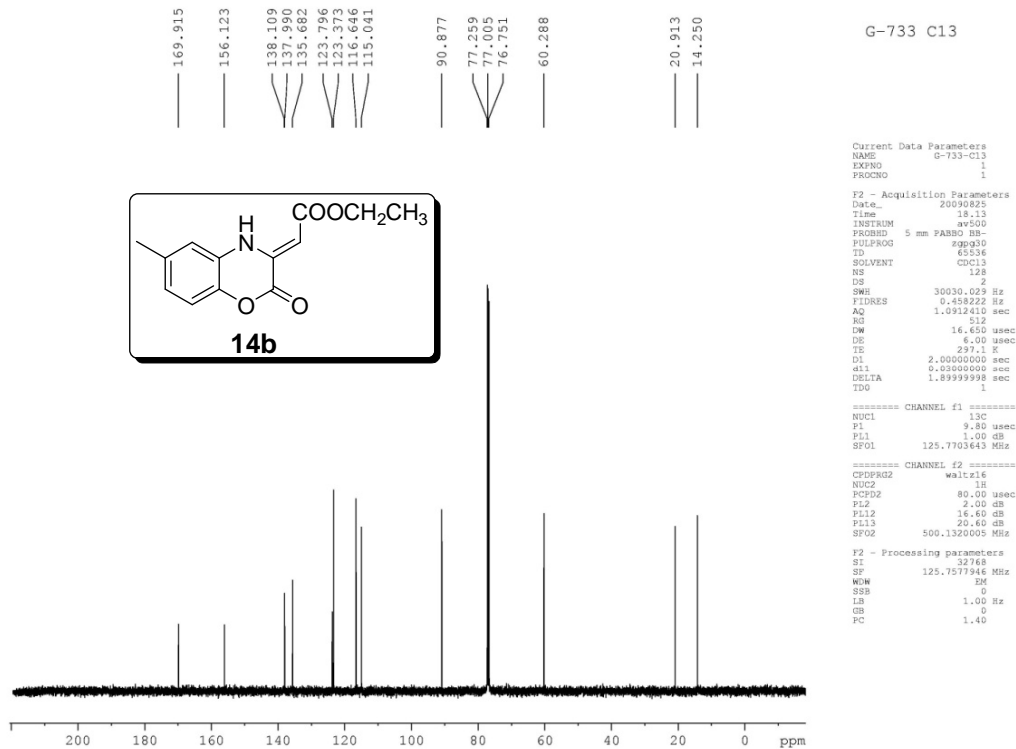
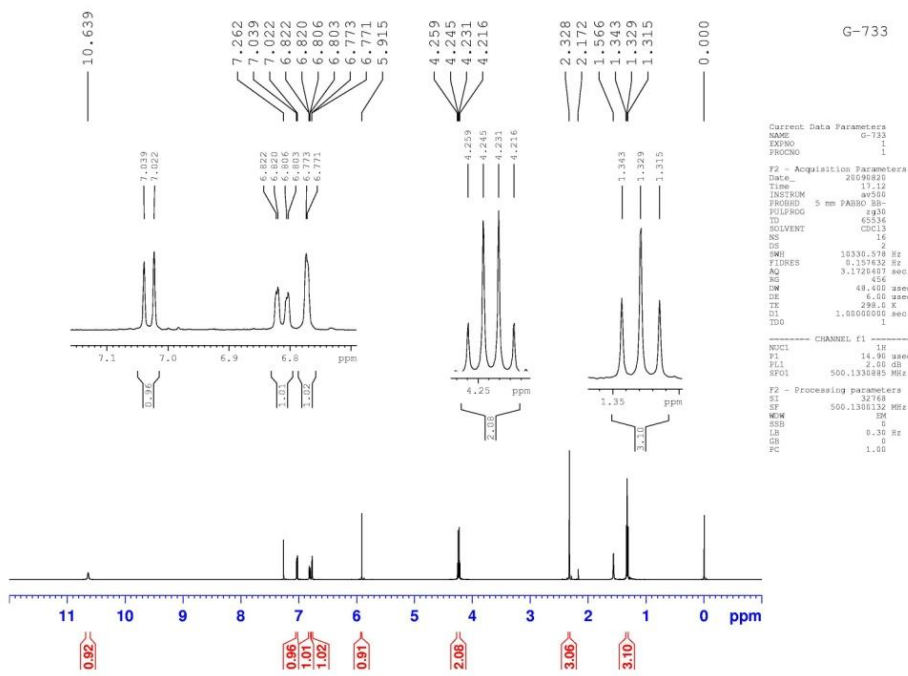


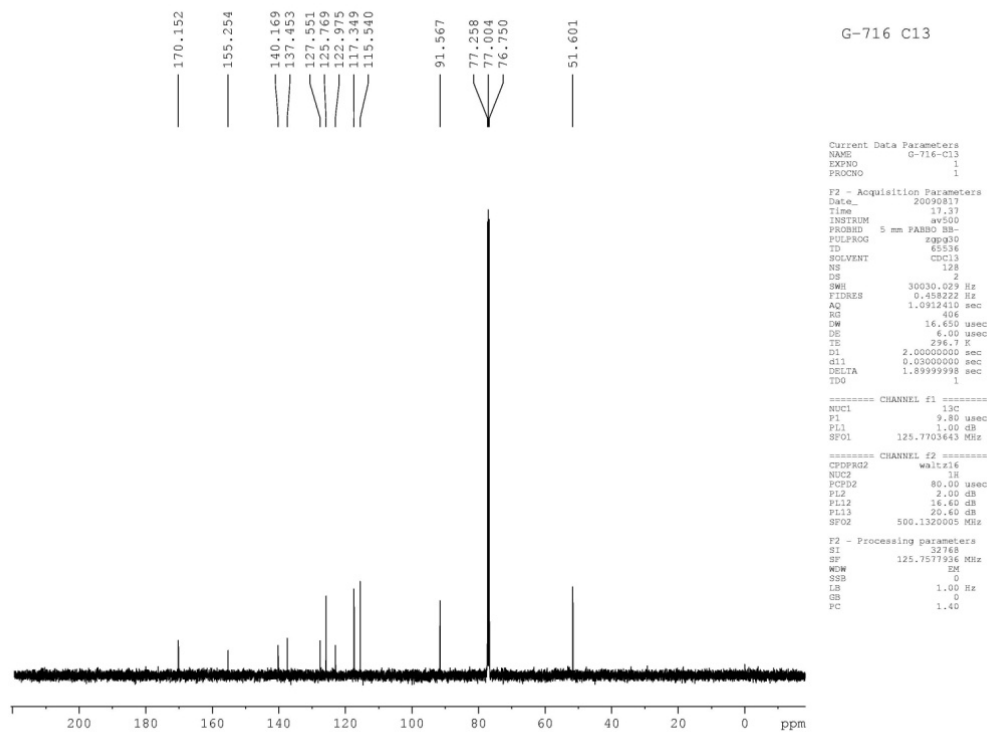
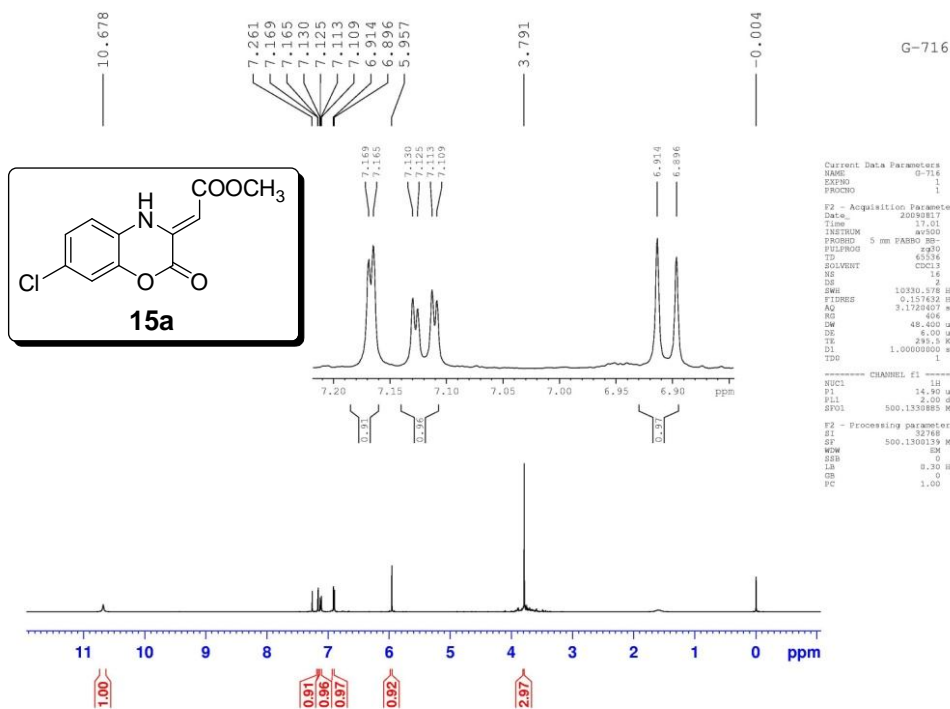


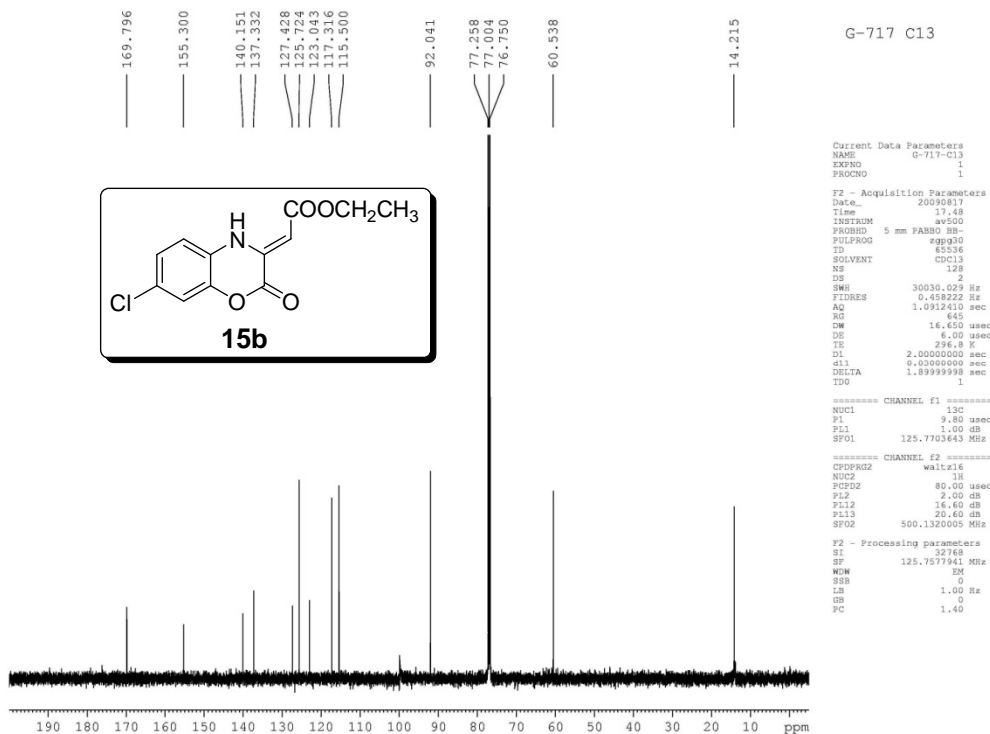
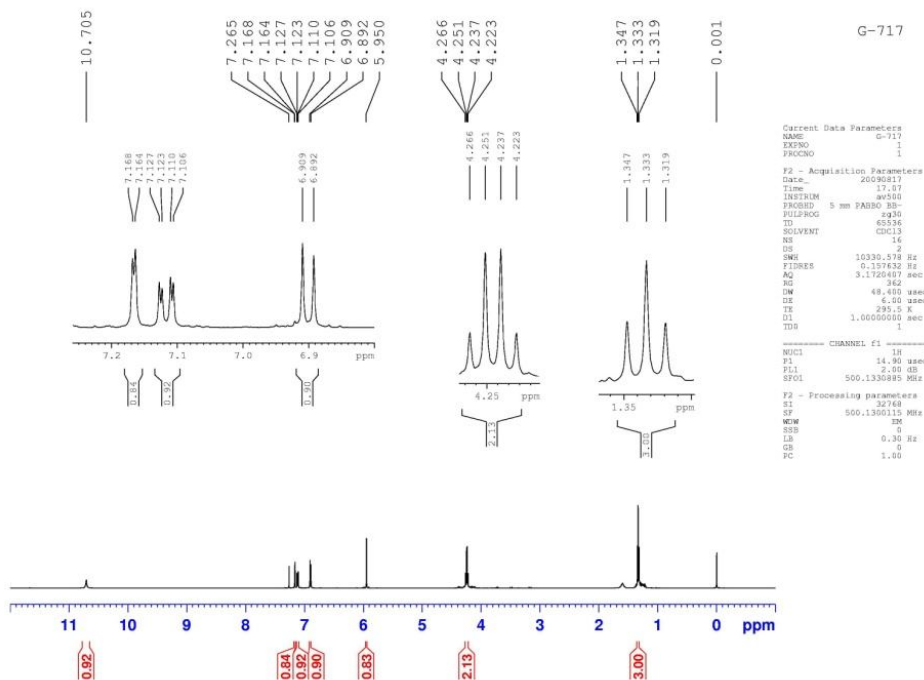


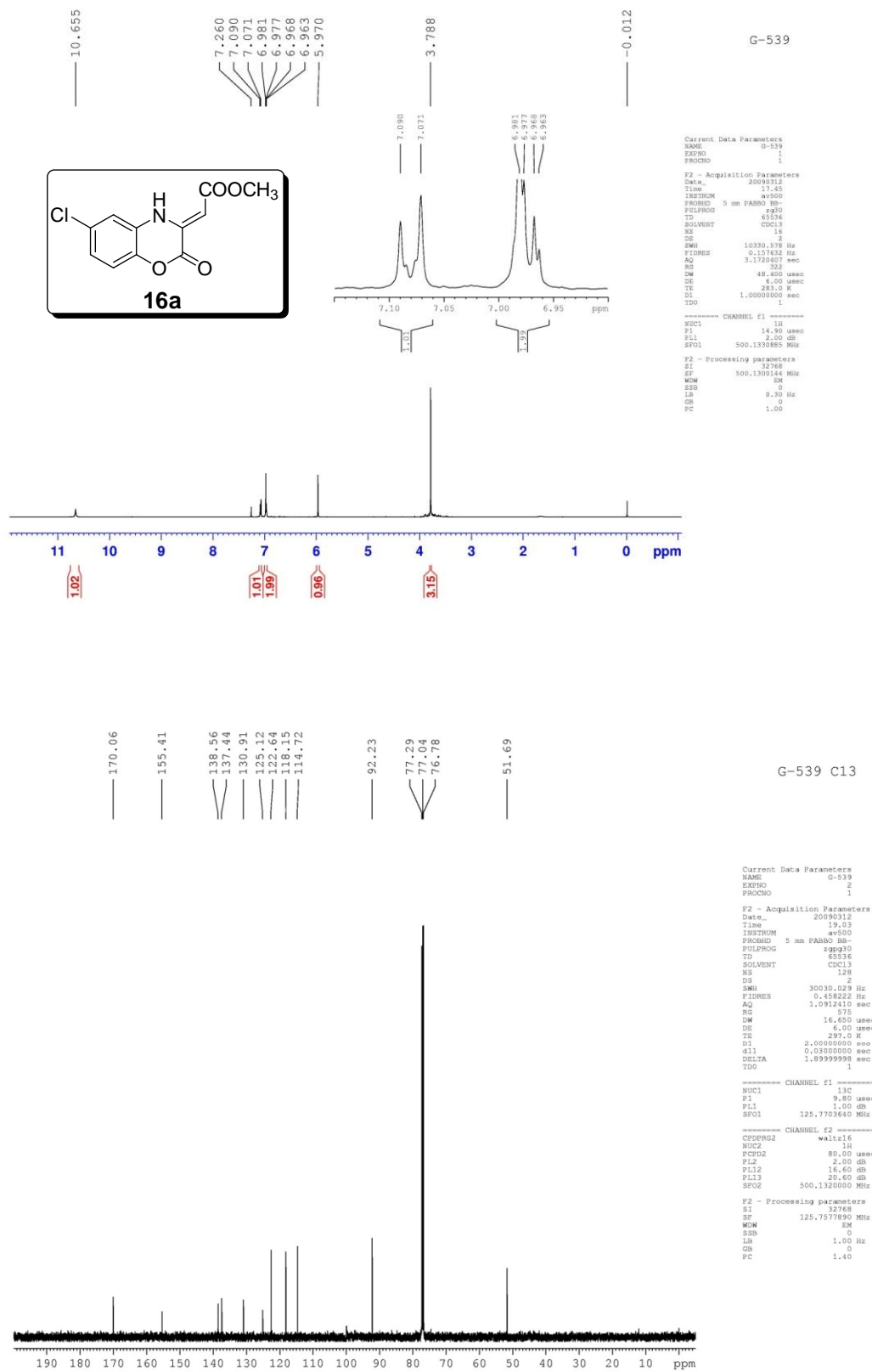


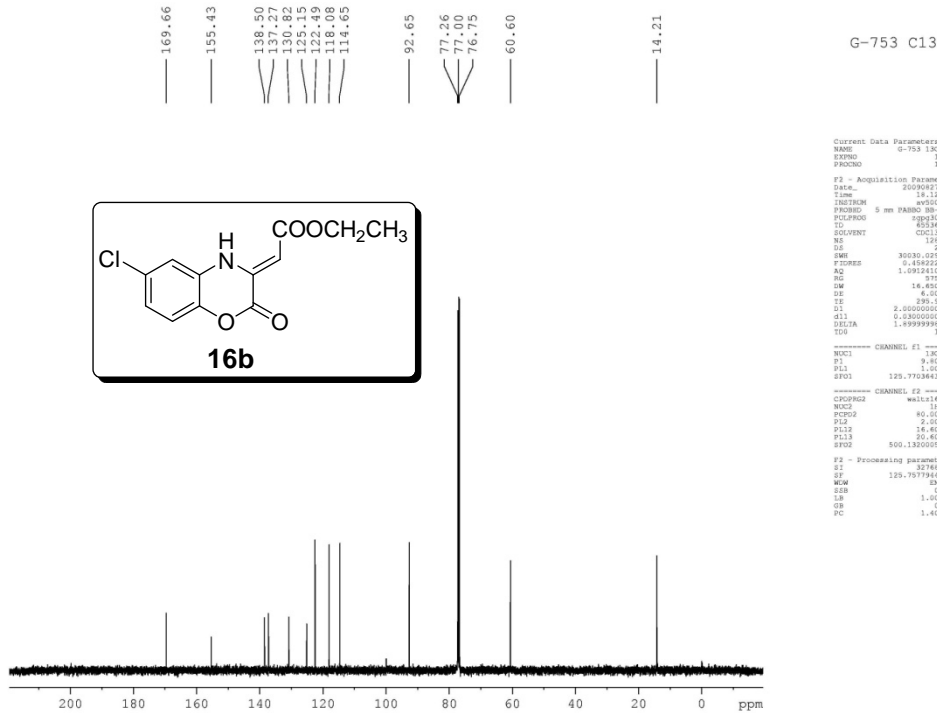
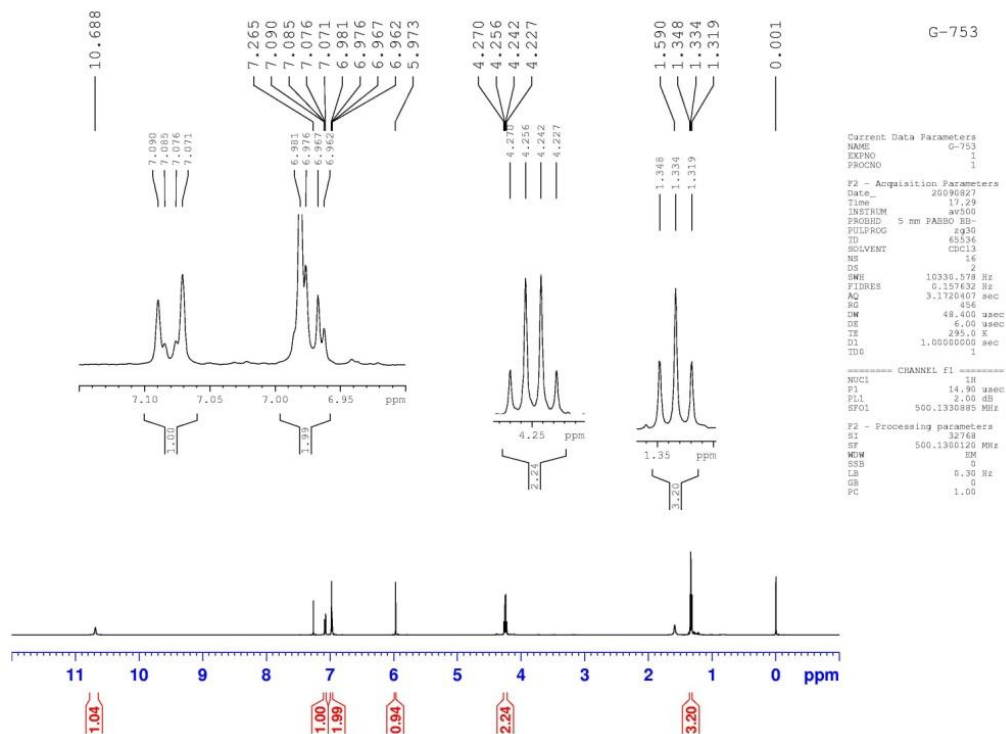


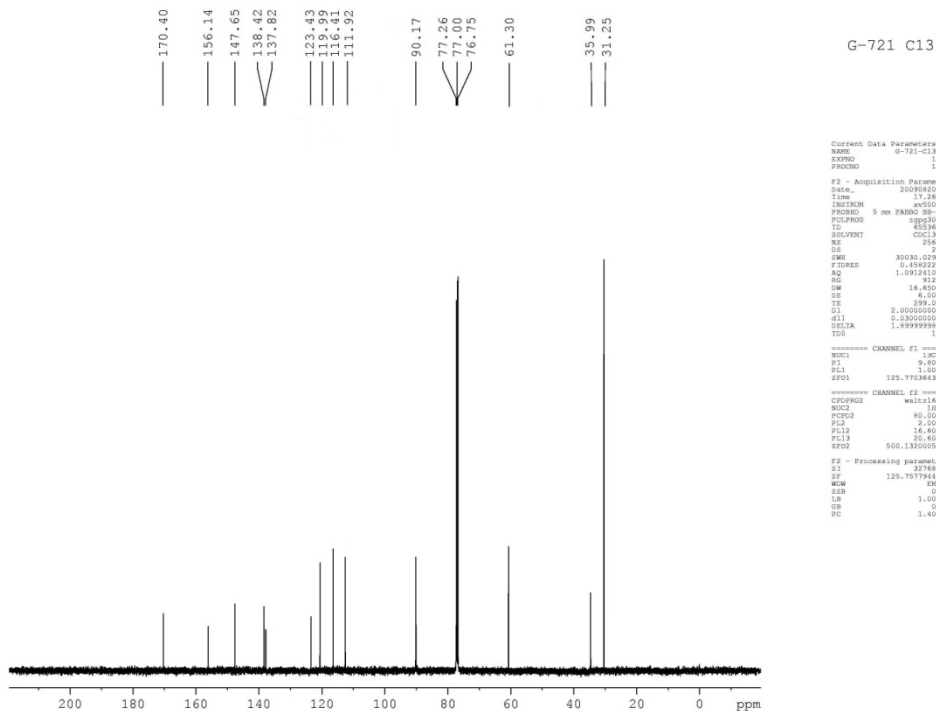
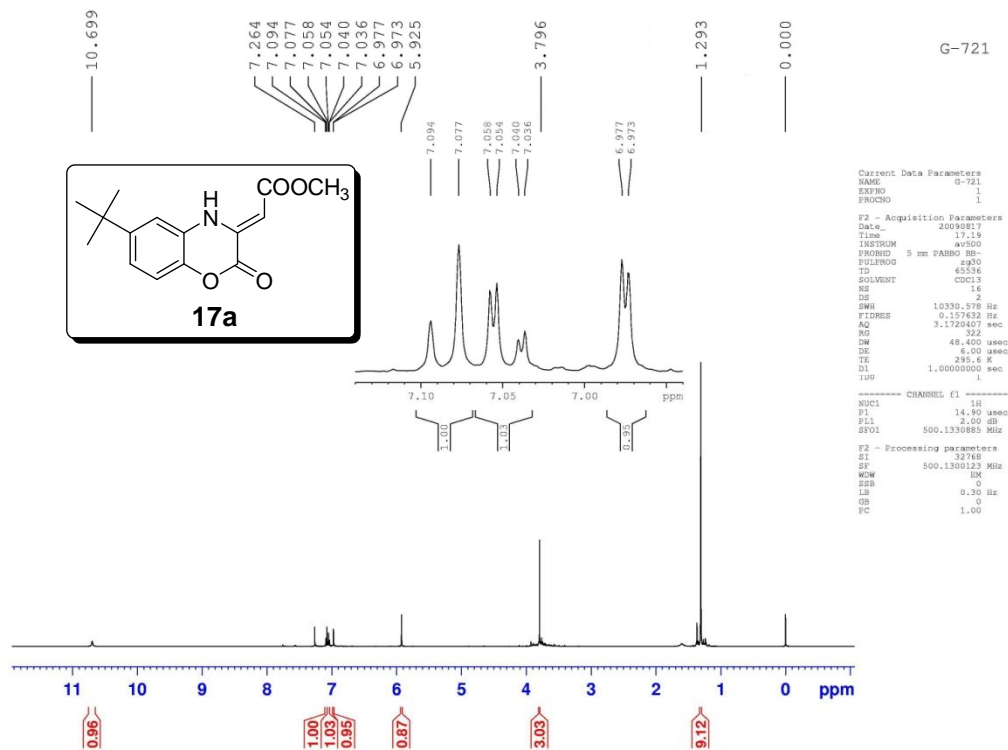


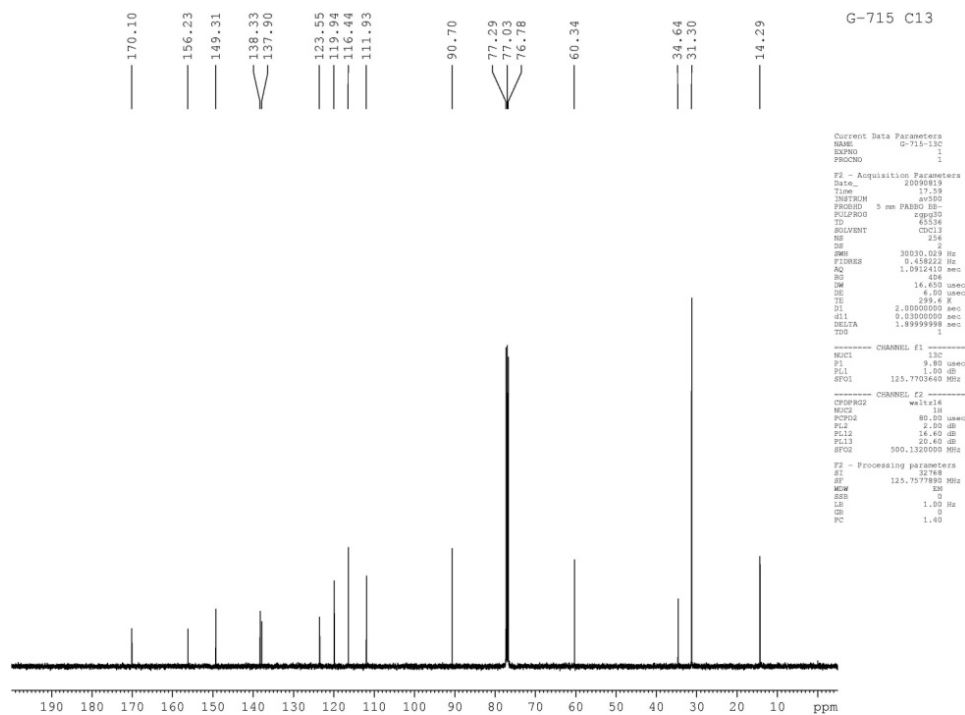
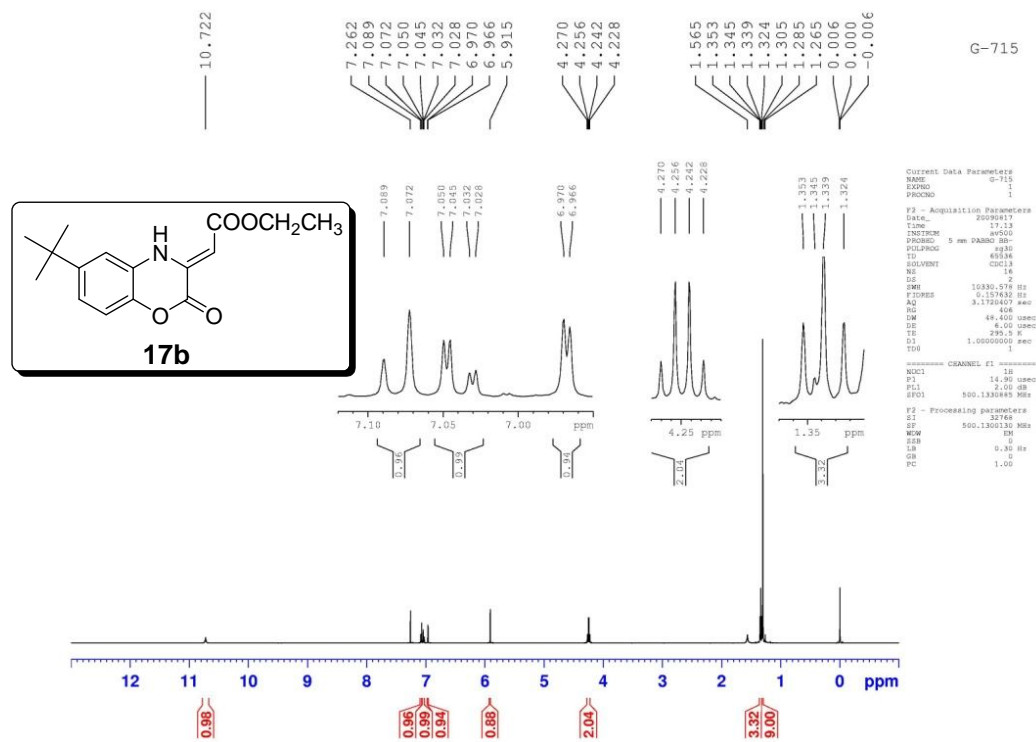


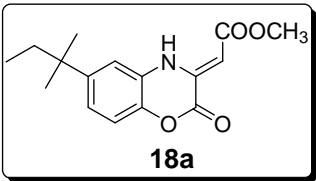
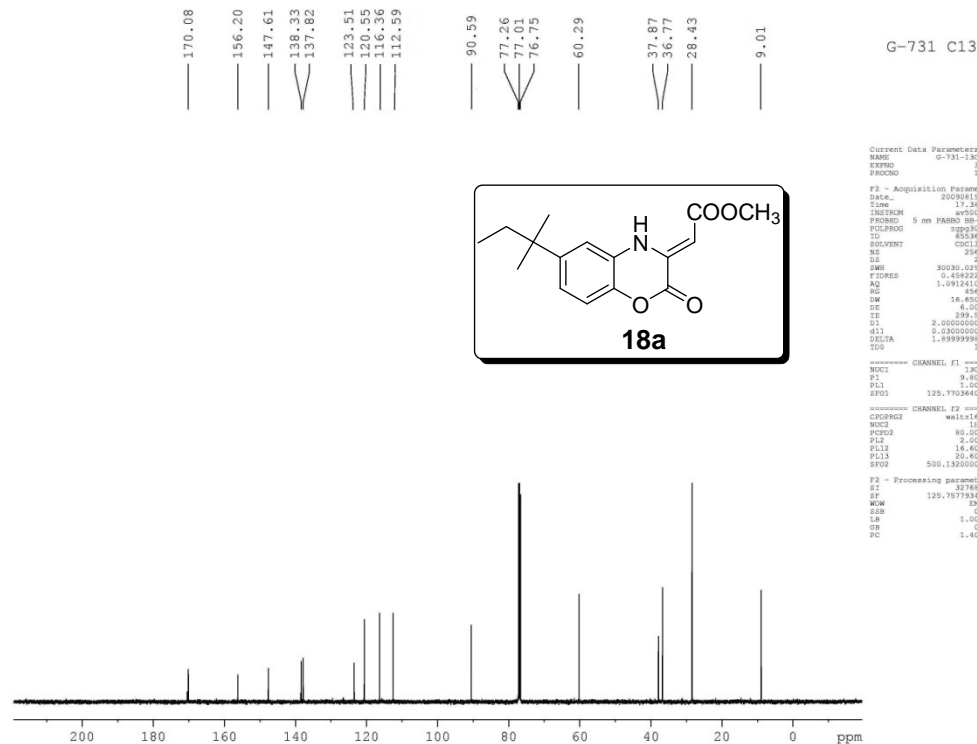
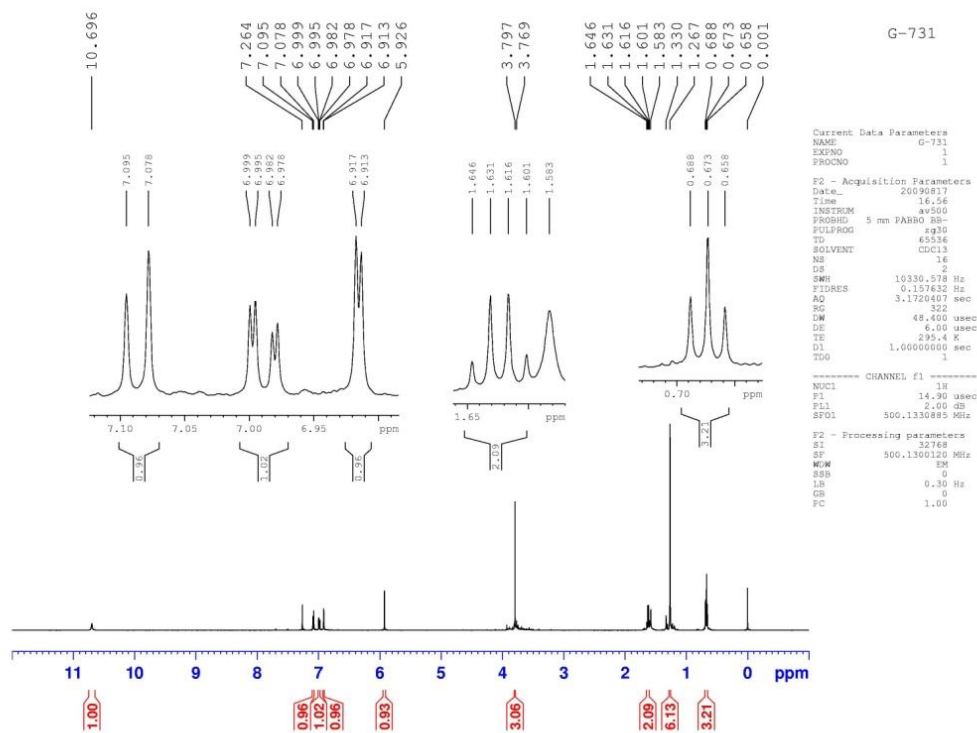


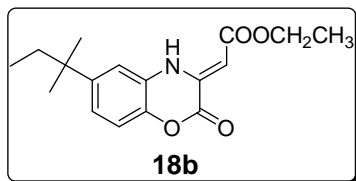
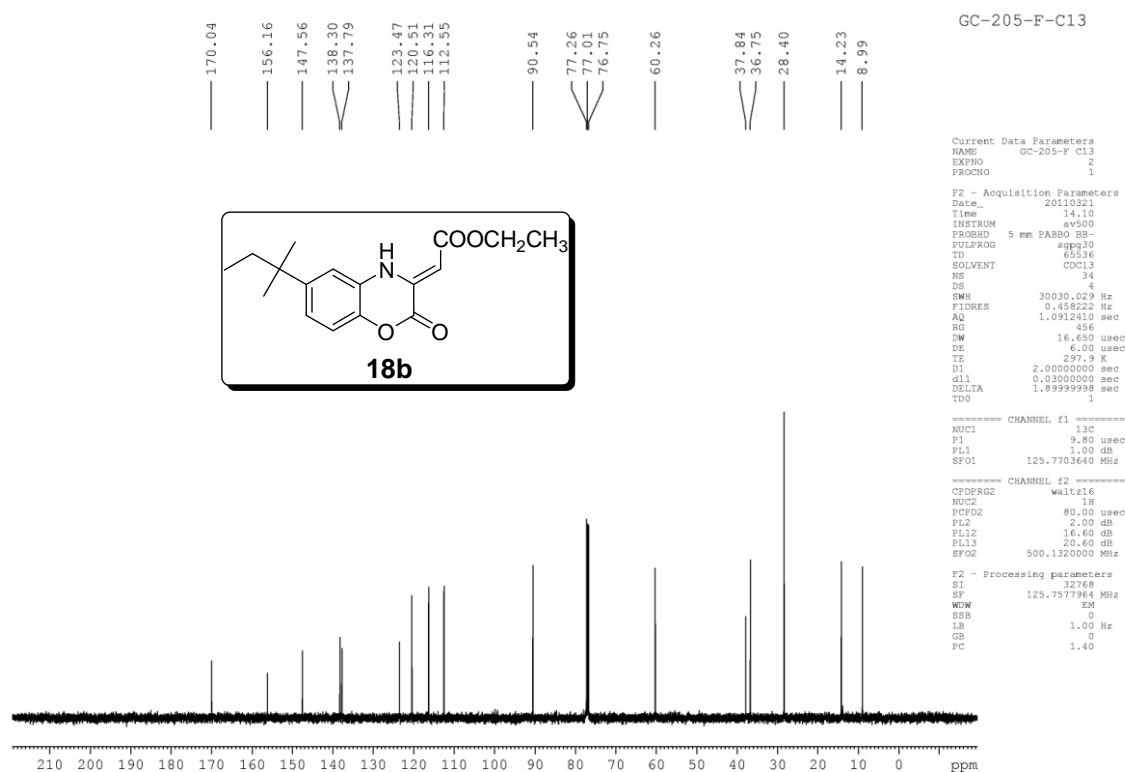
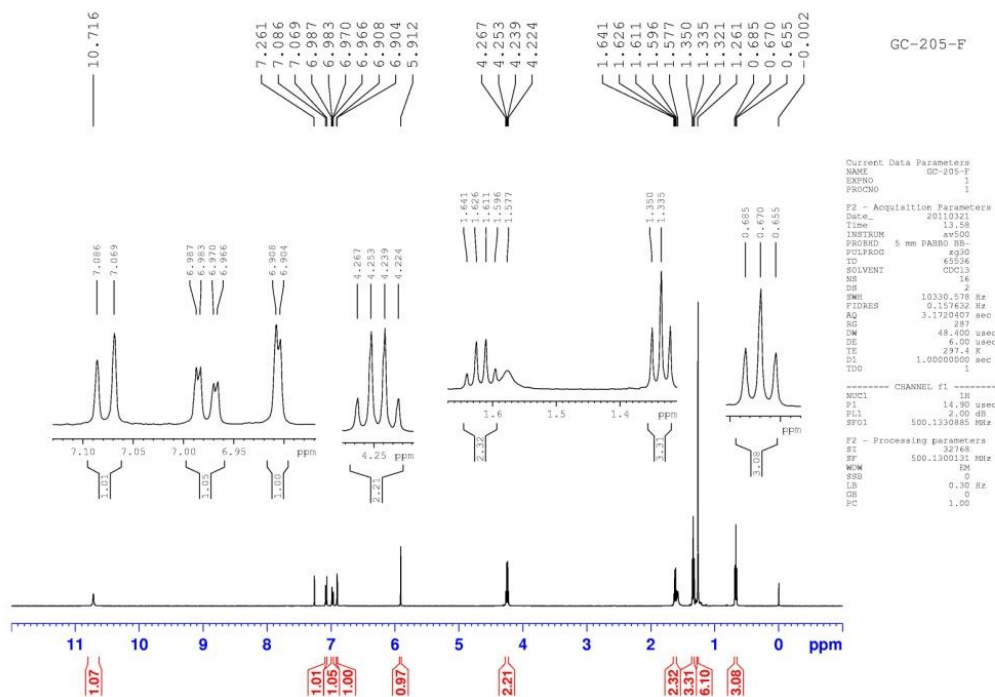




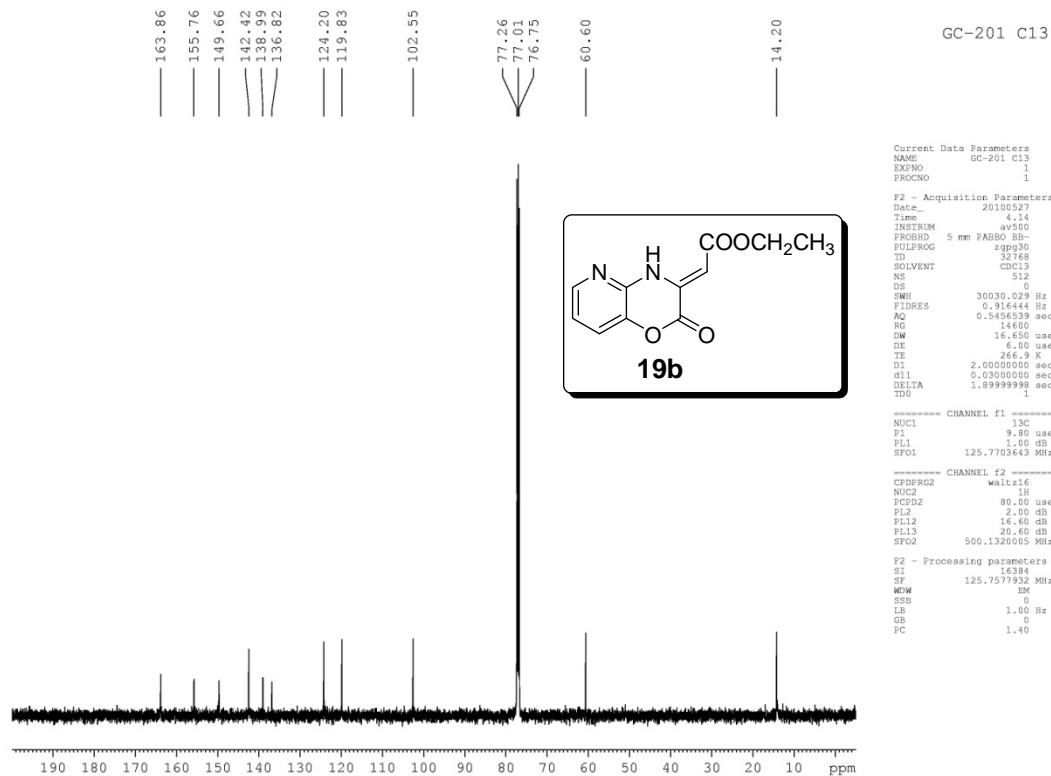
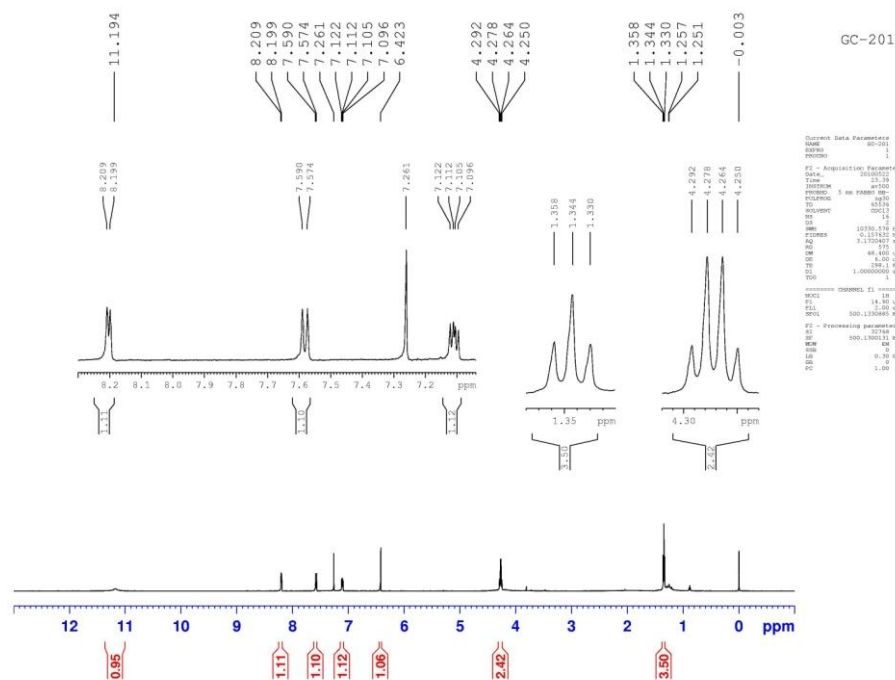


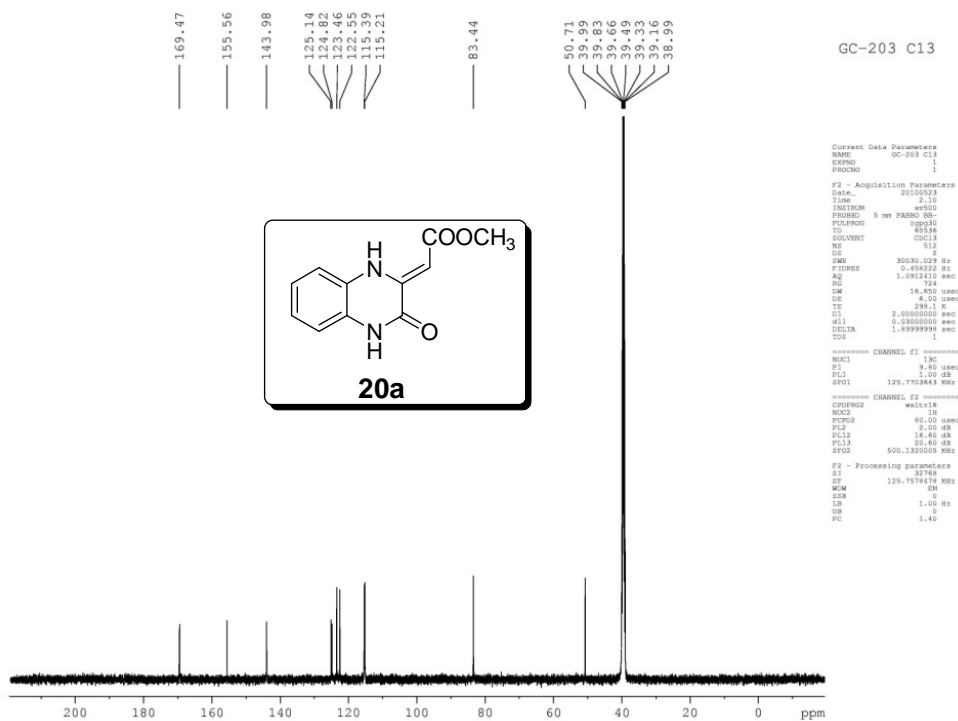
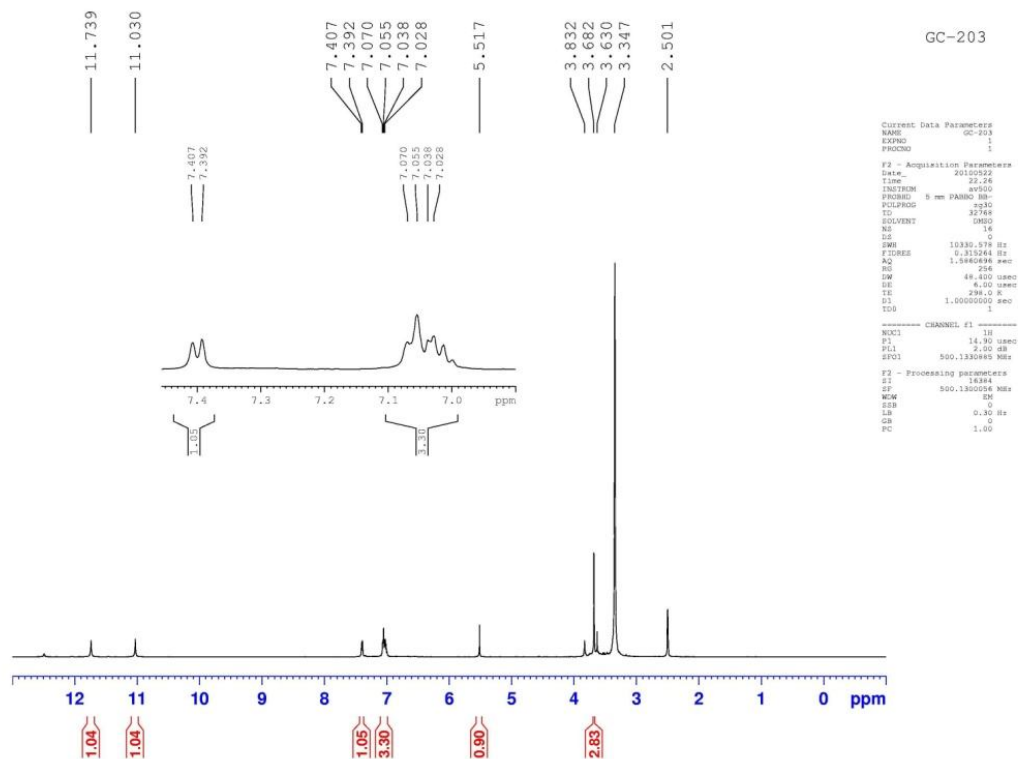


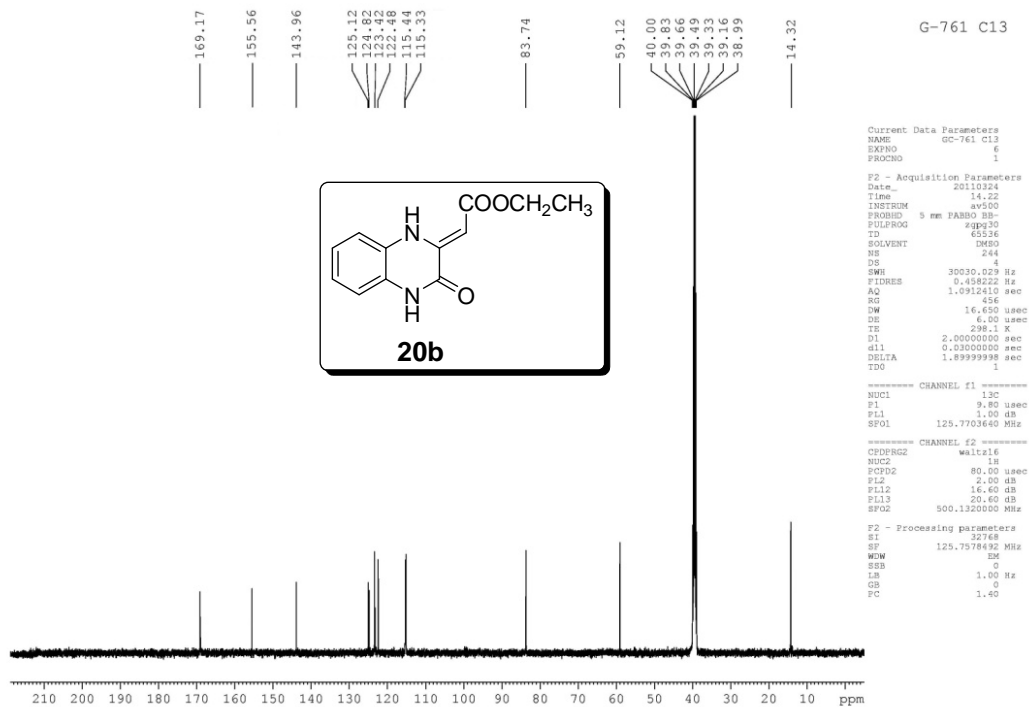
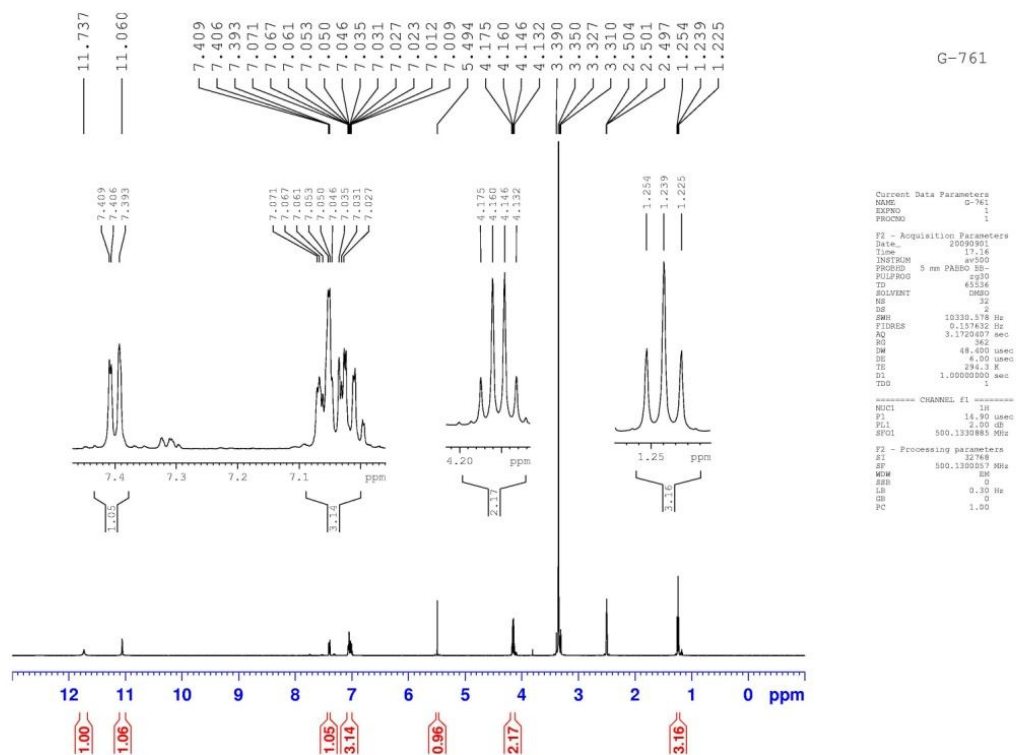


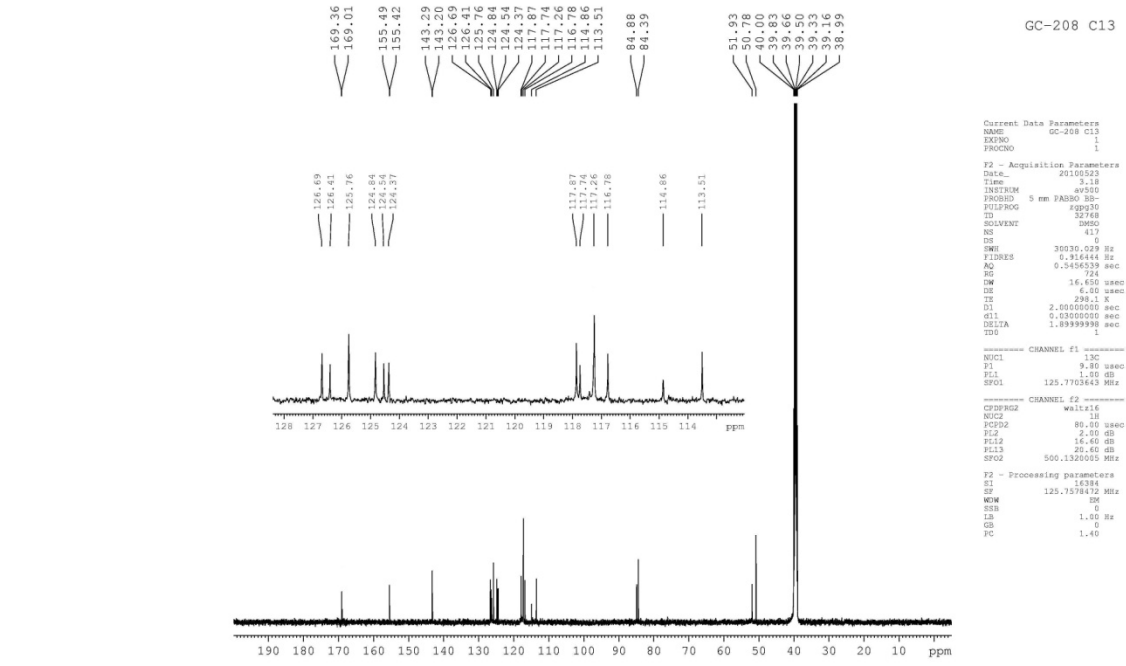
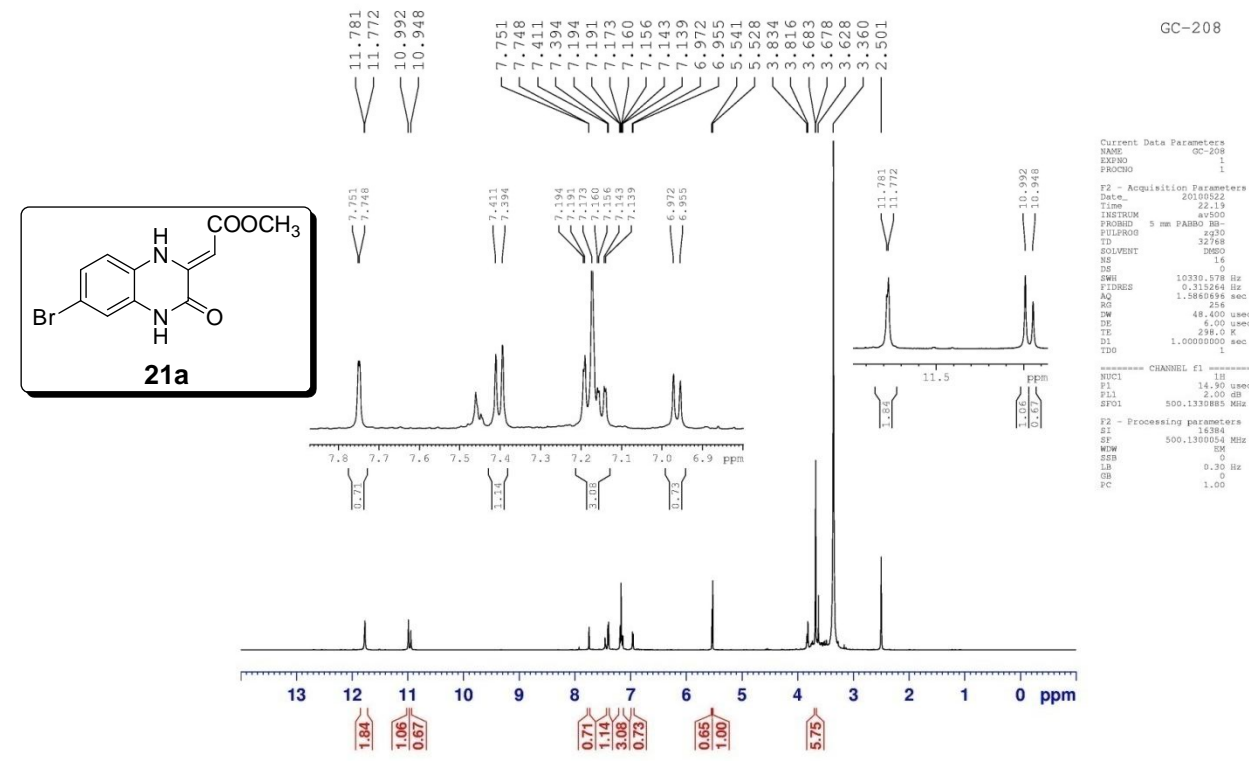


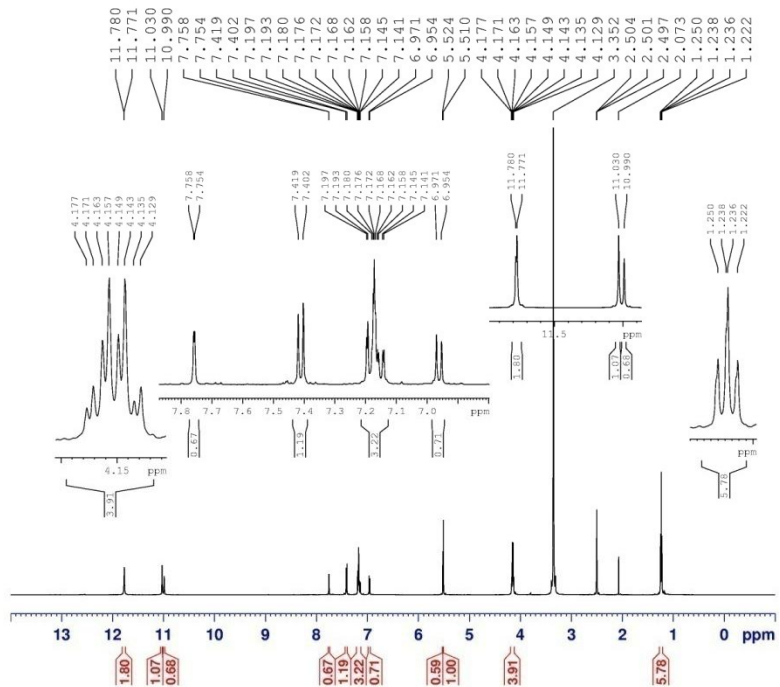










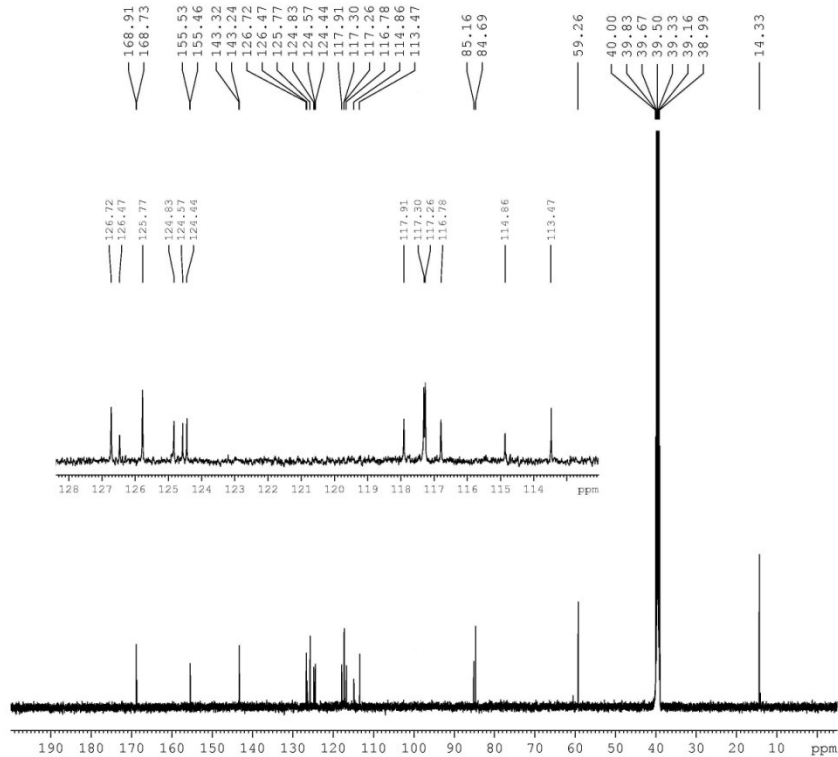
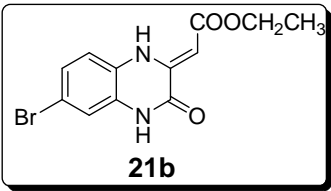


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RG 322  
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DE 6.00 usec  
TE 294.4 K  
D1 1.00000000 sec  
TD0 1

===== CHANNEL f1 =====  
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SFO1 500.1330885 MHz

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TE 295.0 K  
D1 2.00000000 sec  
d11 0.03000000 sec  
DELTA 1.99999998 sec  
TD0 1

===== CHANNEL f1 =====  
NUC1 13C  
P1 9.80 usec  
PL1 1.00 dB  
SFO1 125.7703643 MHz

===== CHANNEL f2 =====  
CPDPRG2 waltz16  
NUC2 1H  
PCPD2 80.00 usec  
PL2 2.00 dB  
PL12 16.40 dB  
PL13 20.40 dB  
SFO2 500.1320005 MHz

F2 - Processing parameters  
SI 32768  
SF 125.7578461 MHz  
WDW EM  
SSB 0  
LB 1.00 Hz  
GB 0  
PC 1.40

