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Supporting Information

Visible-light-induced oxidative ring expansion of indoles with amidines

Ling-Ling Zhang, Wen-Bin Cao, Xiao-Ping Xu*, Shun-Jun Ji*

Key Laboratory of Organic Synthesis of Jiangsu Province, College of Chemistry, Chemical Engineering and Materials Science & Collaborative Innovation Center of Suzhou Nano Science and Technology, Soochow University, Suzhou 215123, P. R. China

Fax : (+86)-512-65880307; phone: (+86)- 512-65880307; E-mail: xuxp@suda.edu.cn;

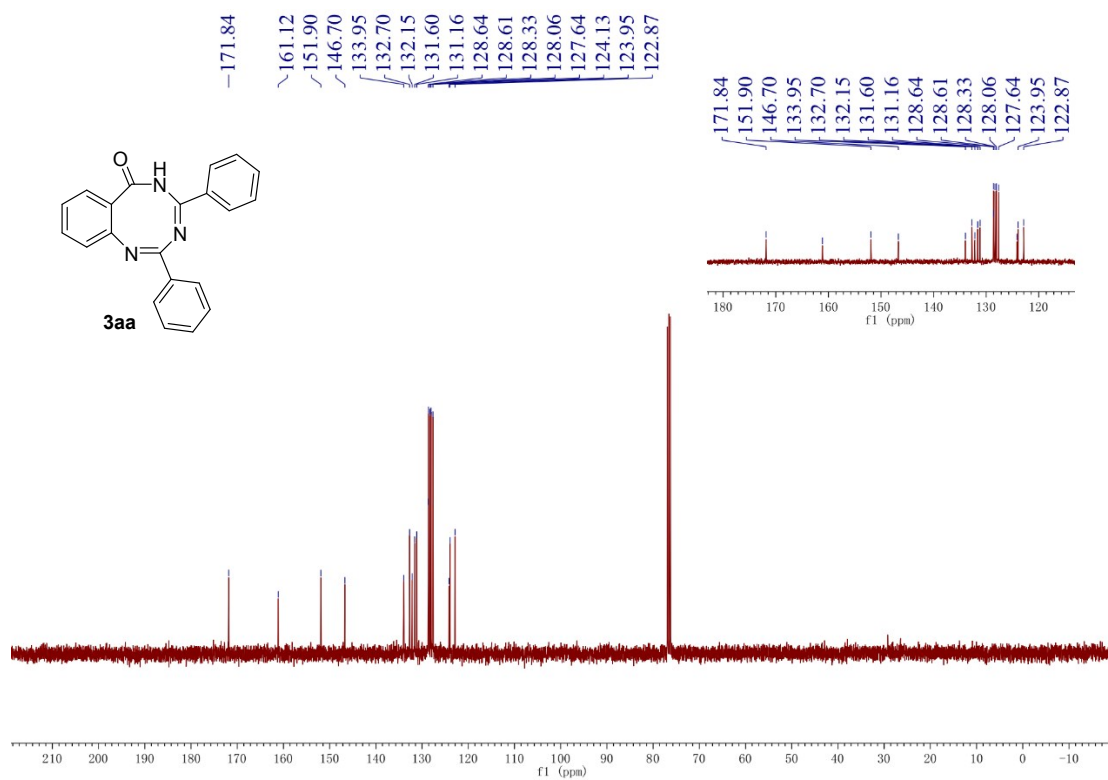
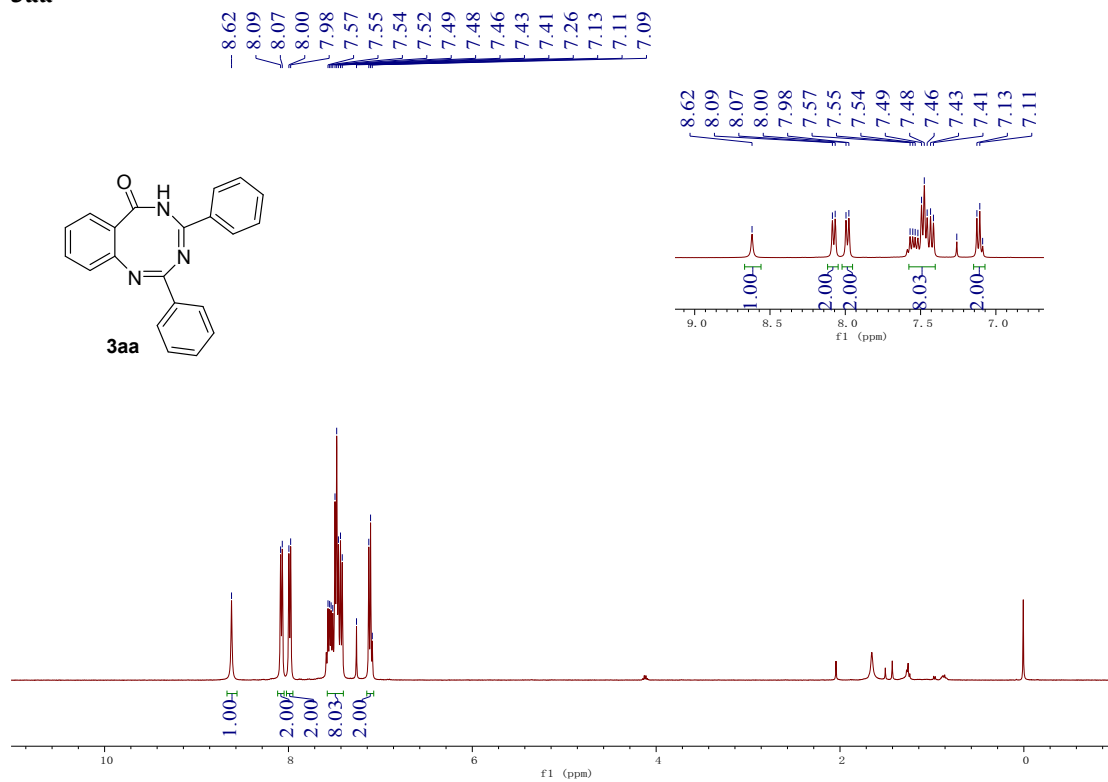
shunjun@suda.edu.cn

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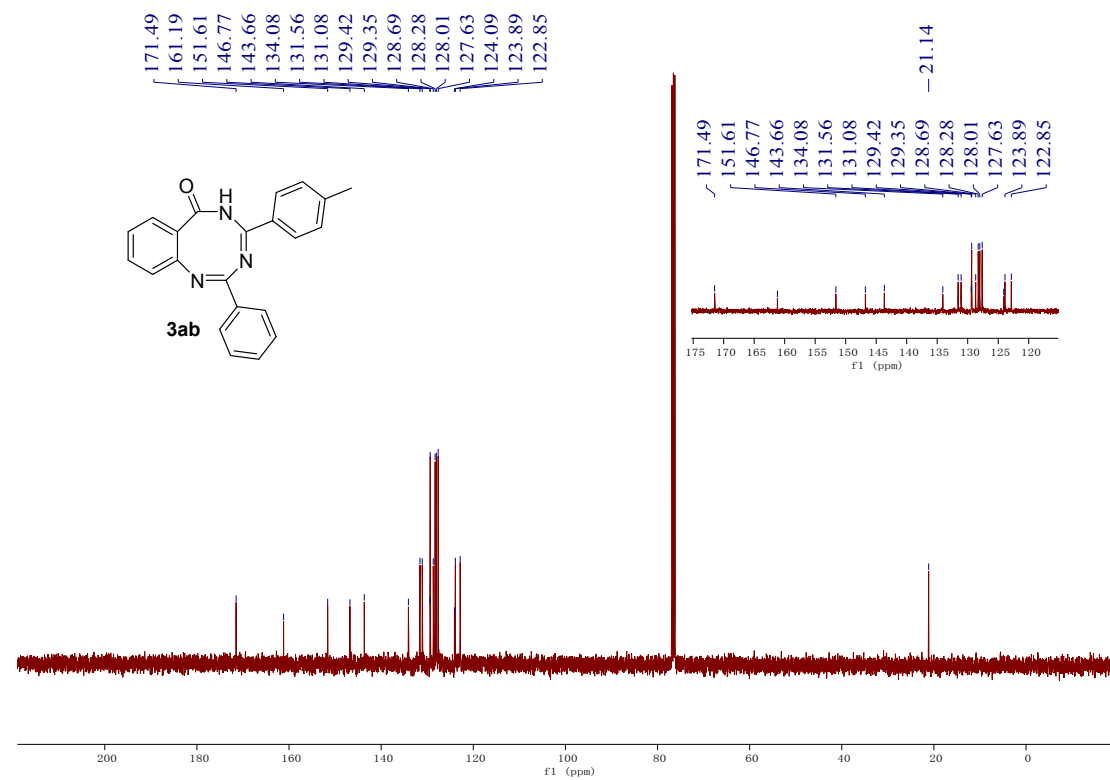
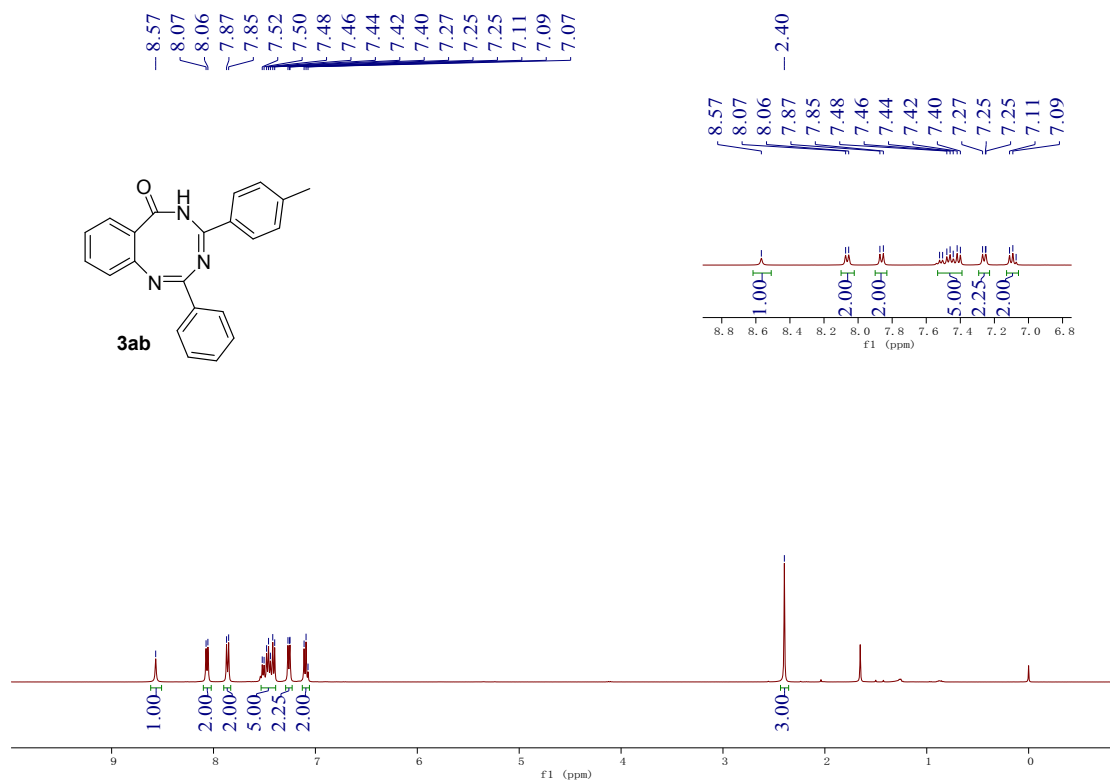
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The ^1H , ^{13}C and ^{19}F spectra of compounds:

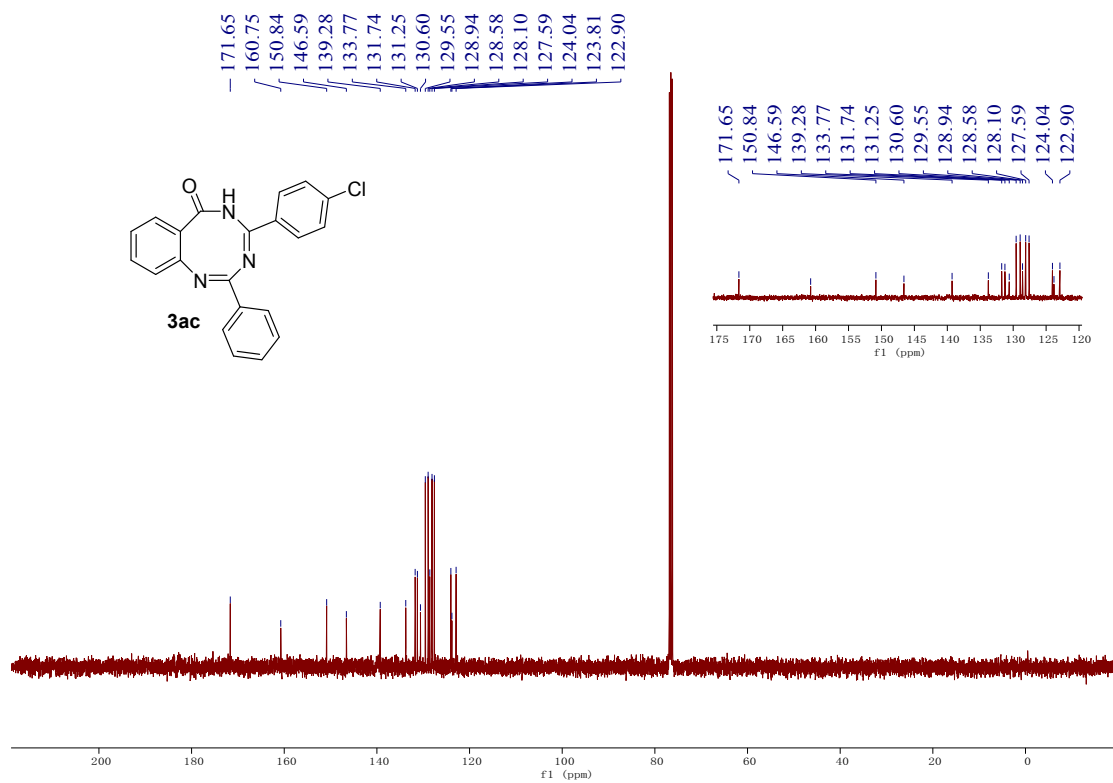
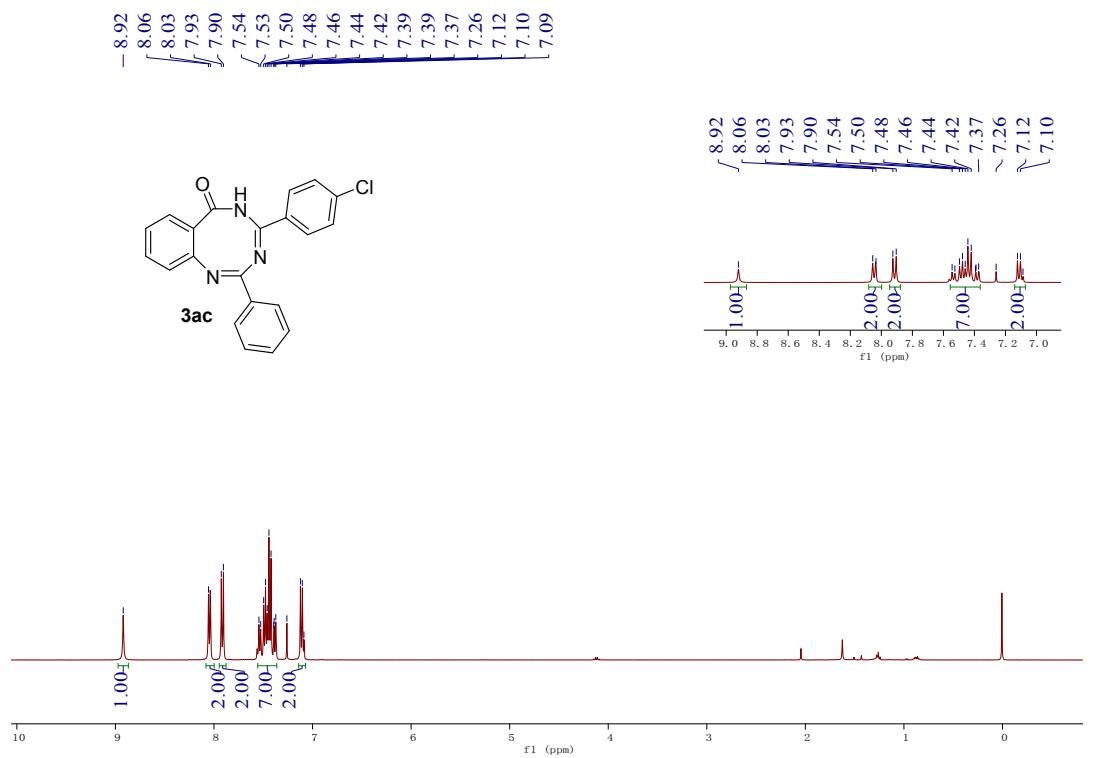
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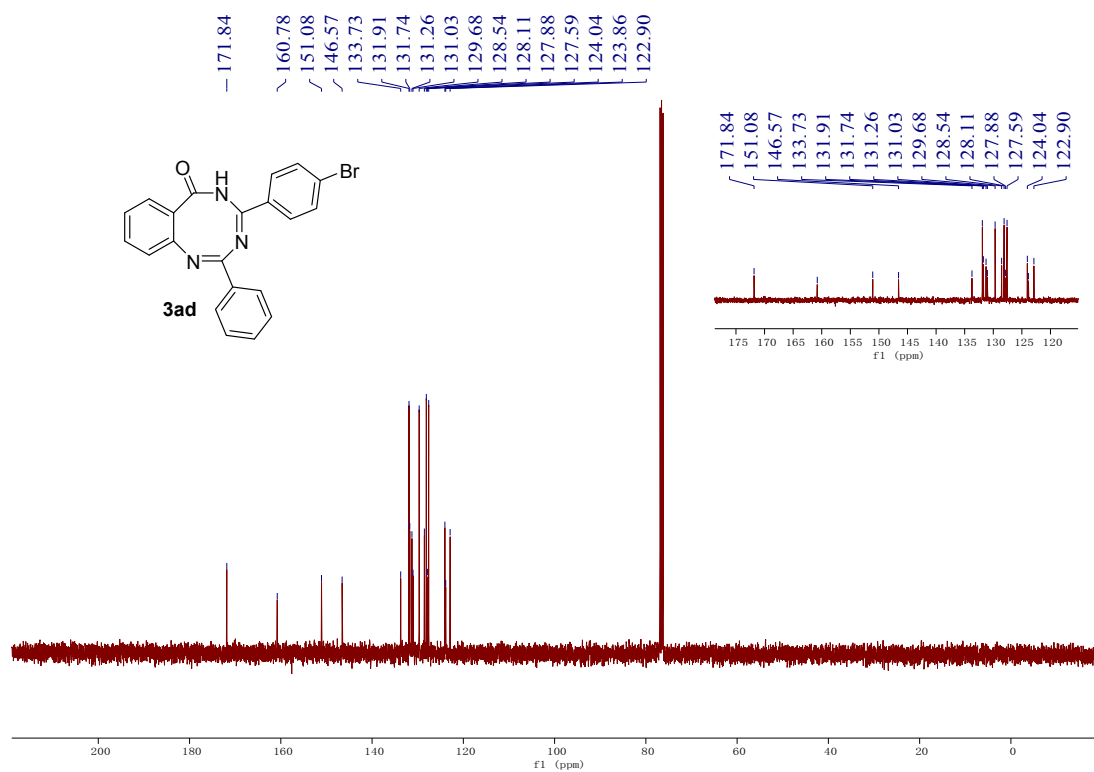
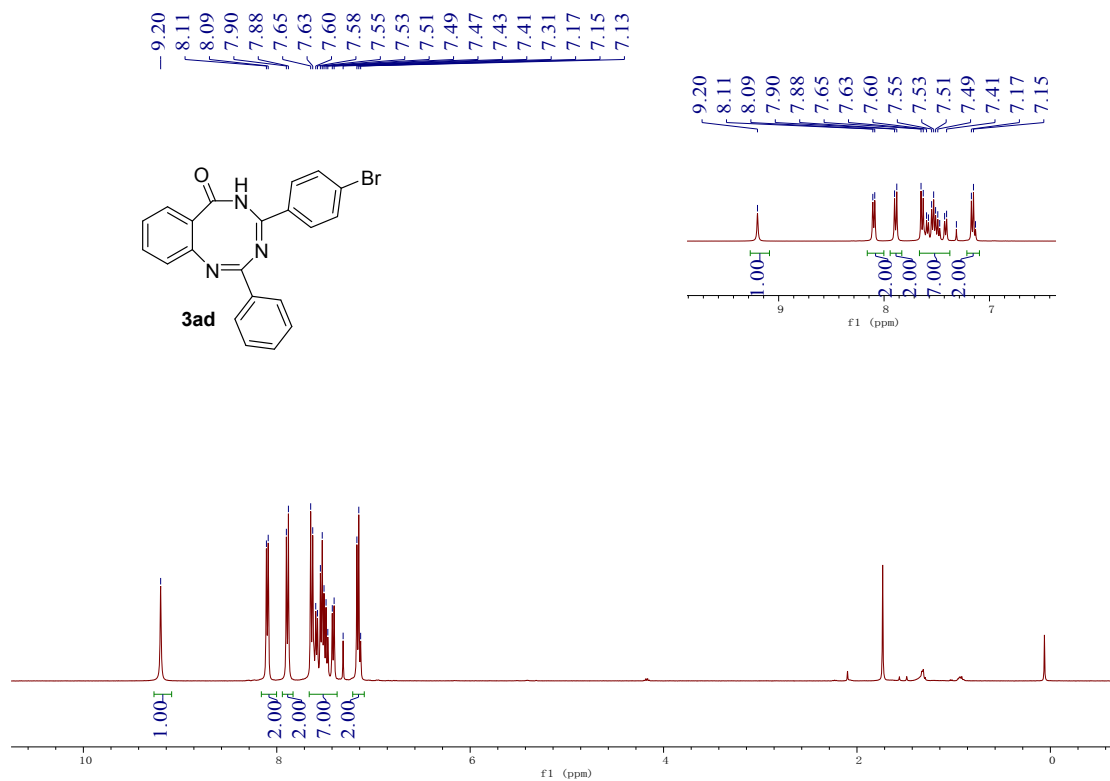
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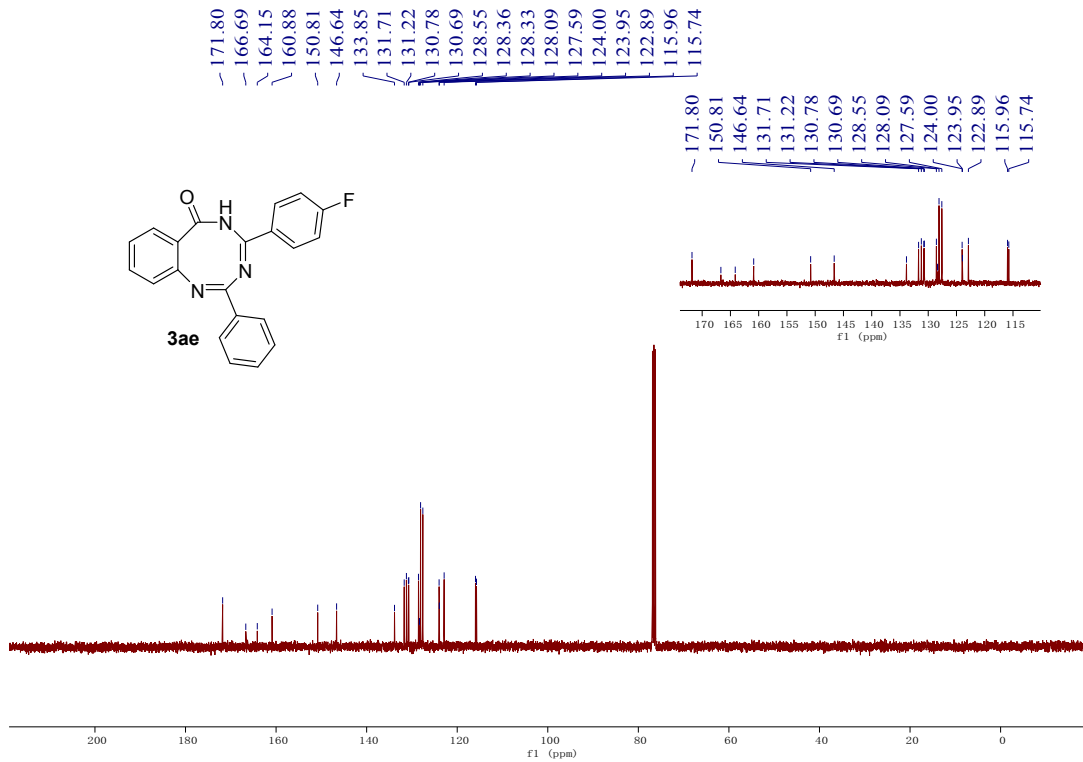
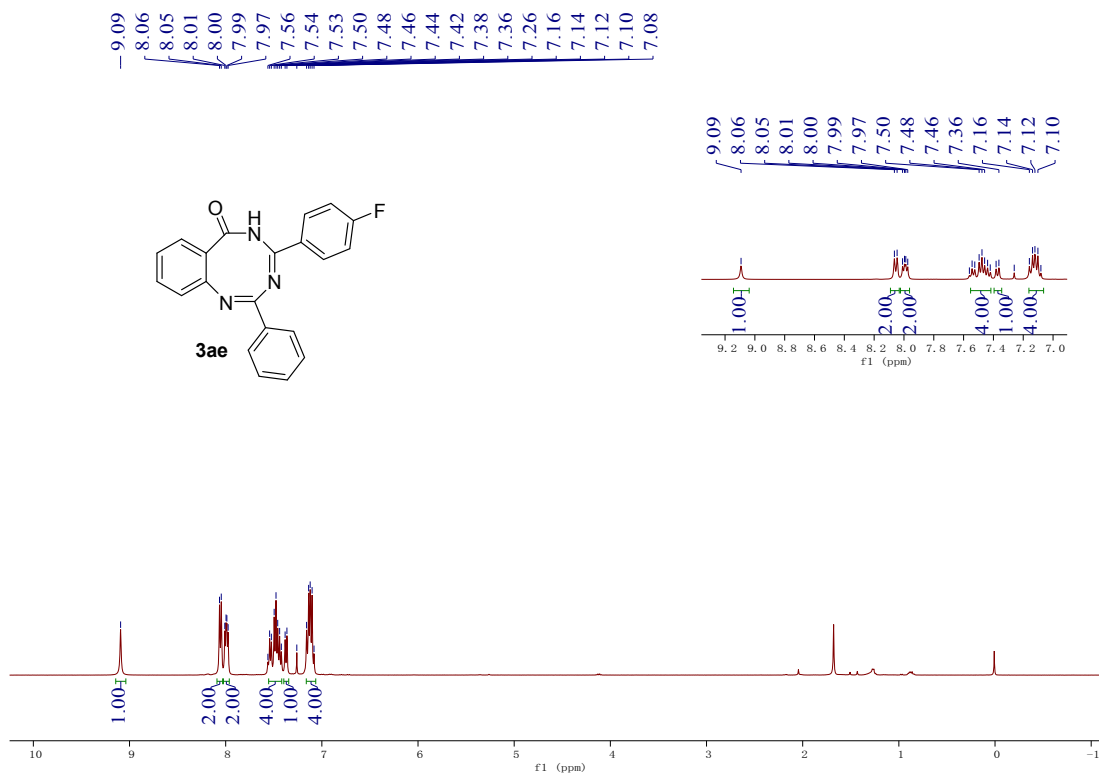


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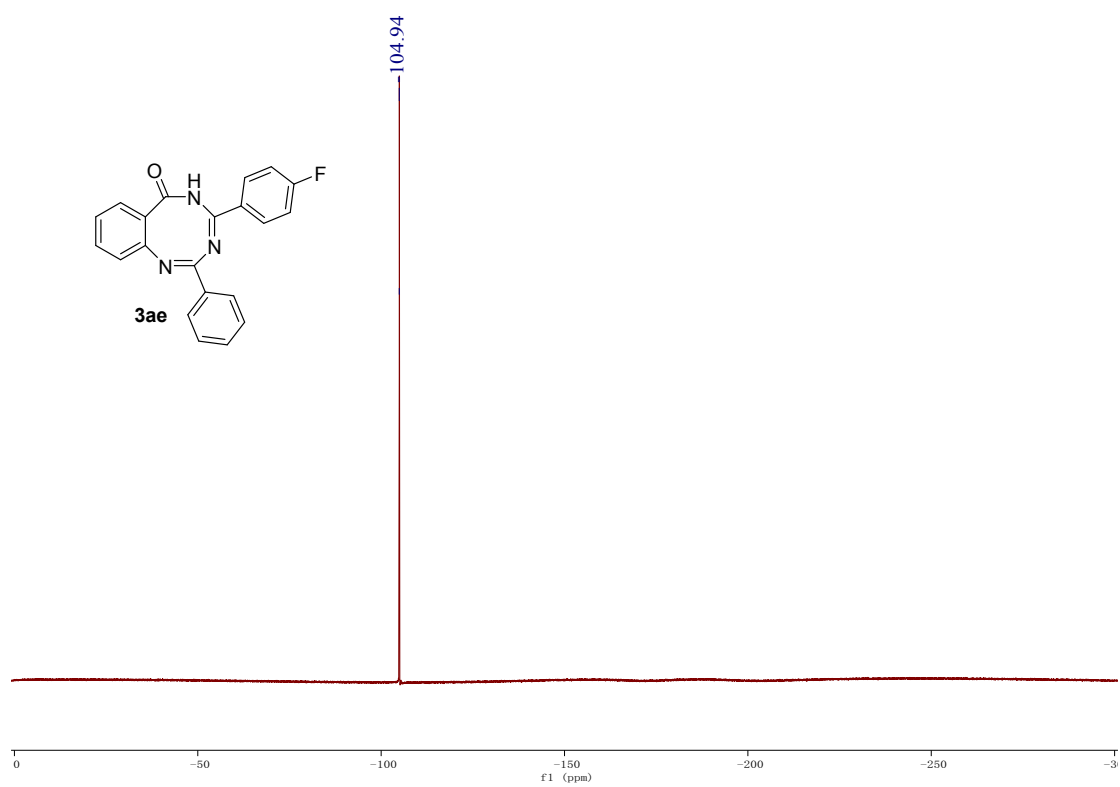


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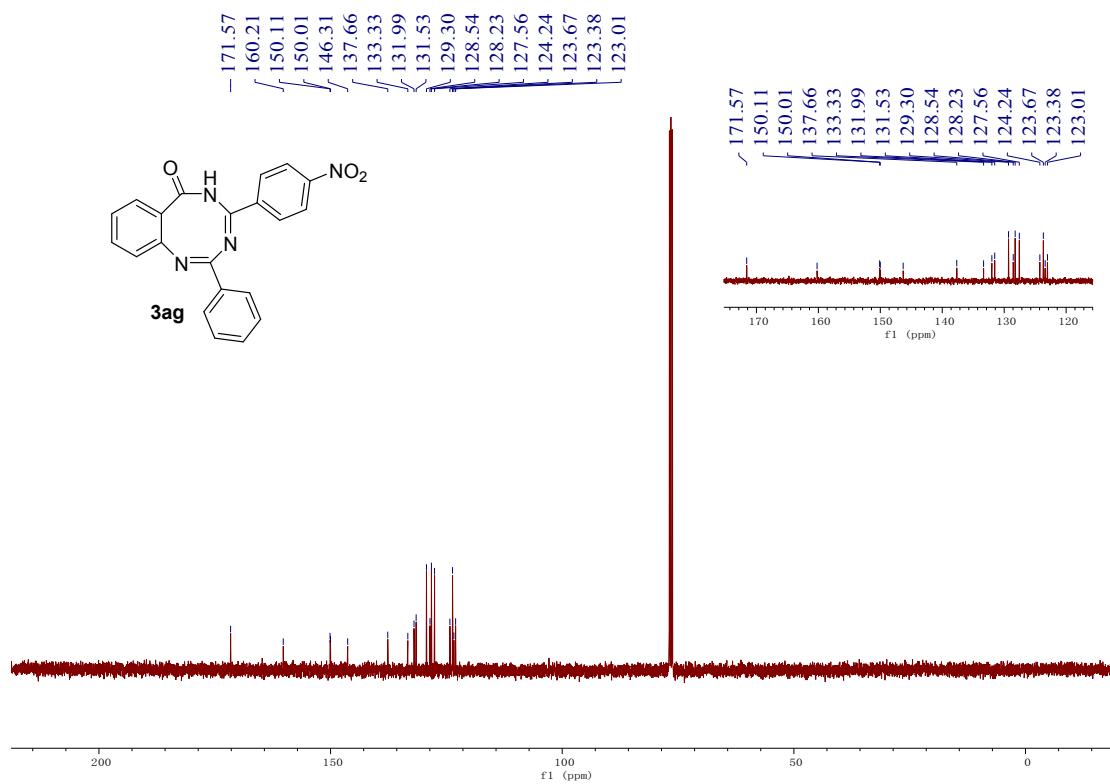
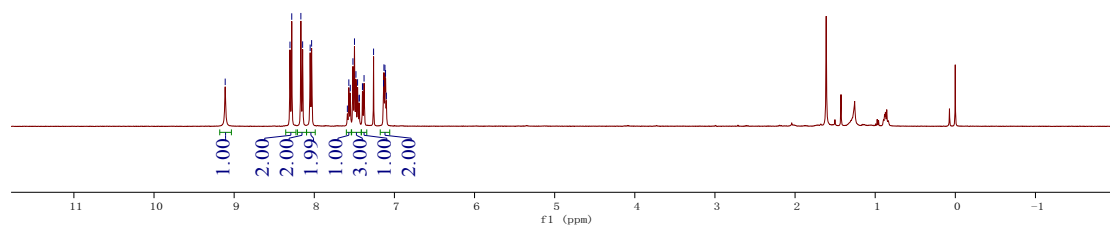
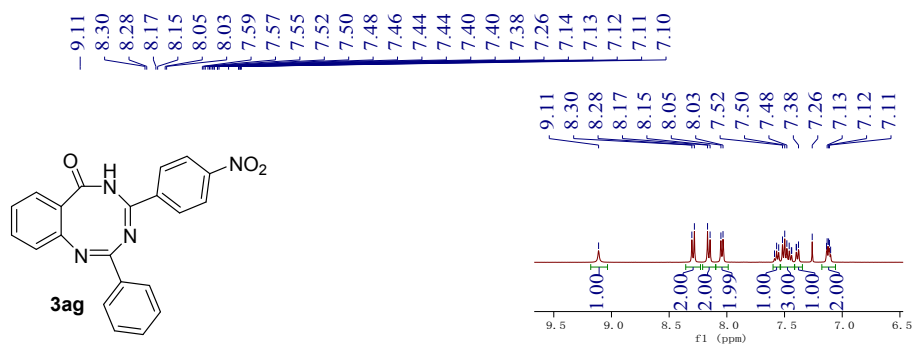
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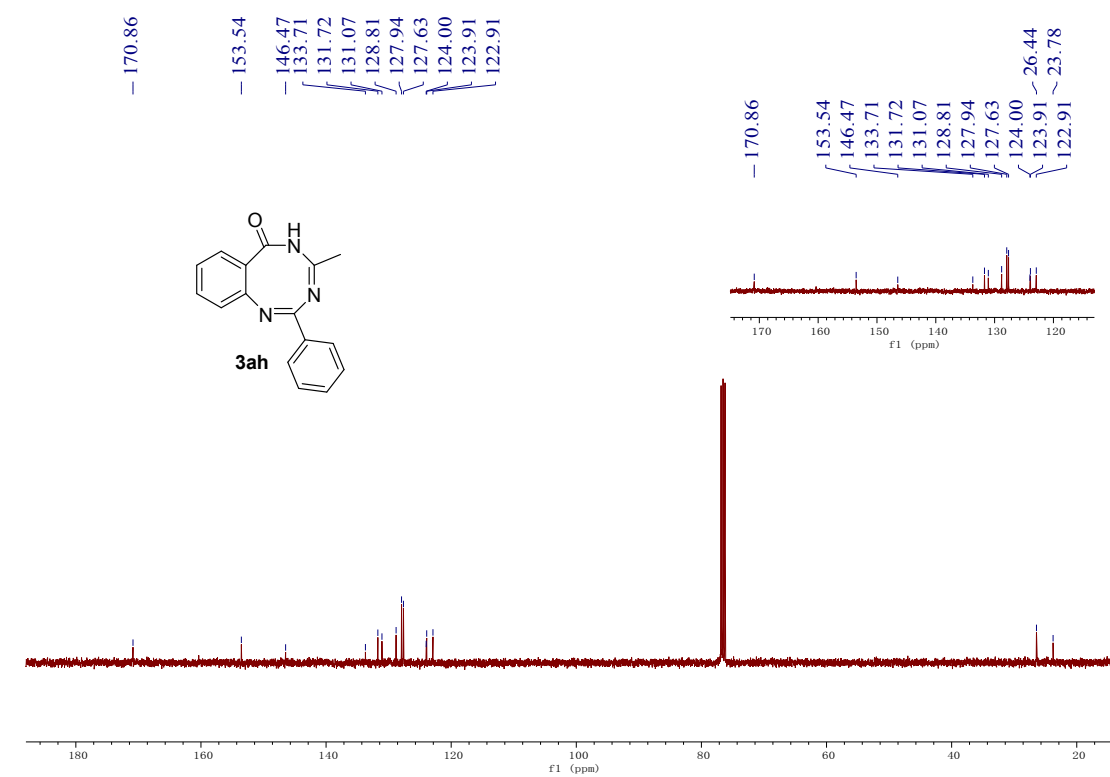
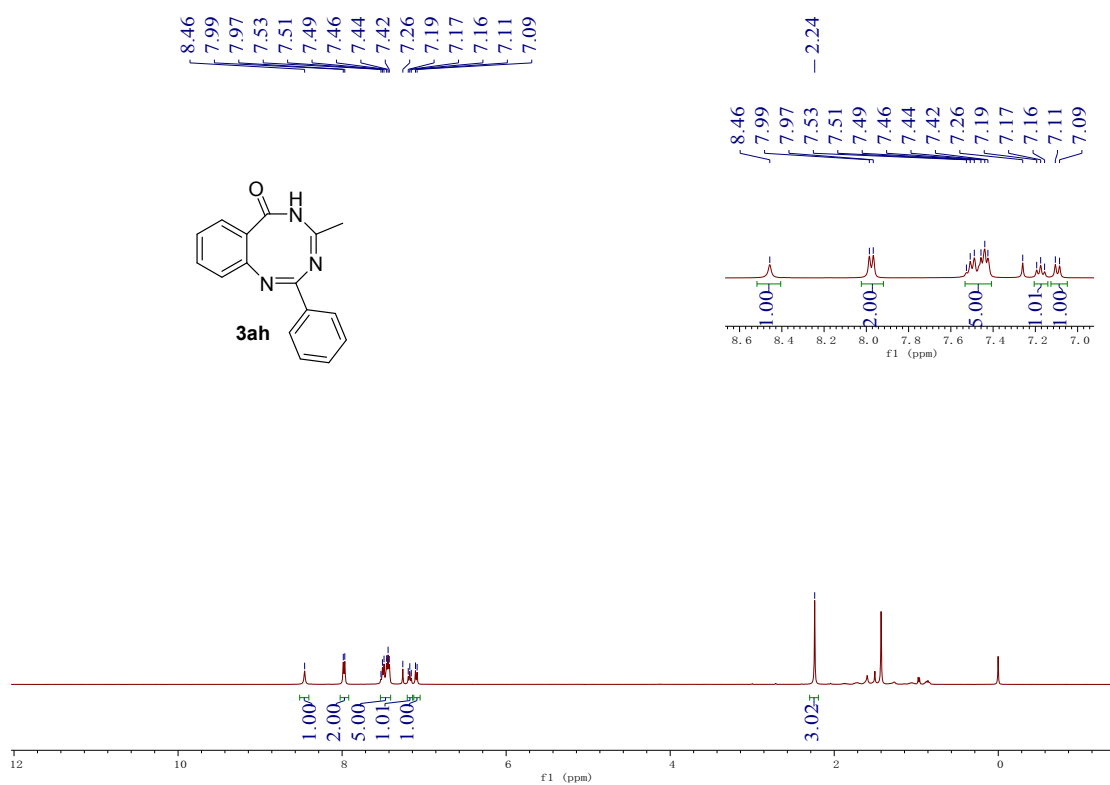
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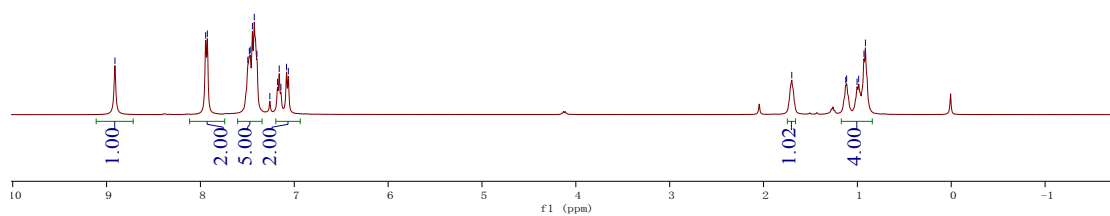
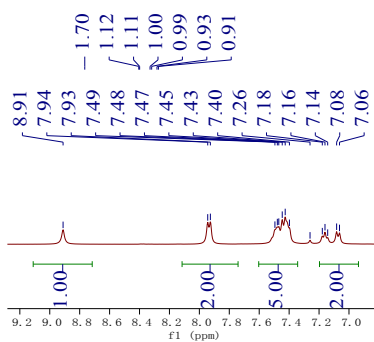
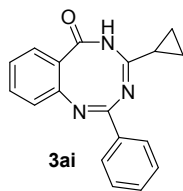


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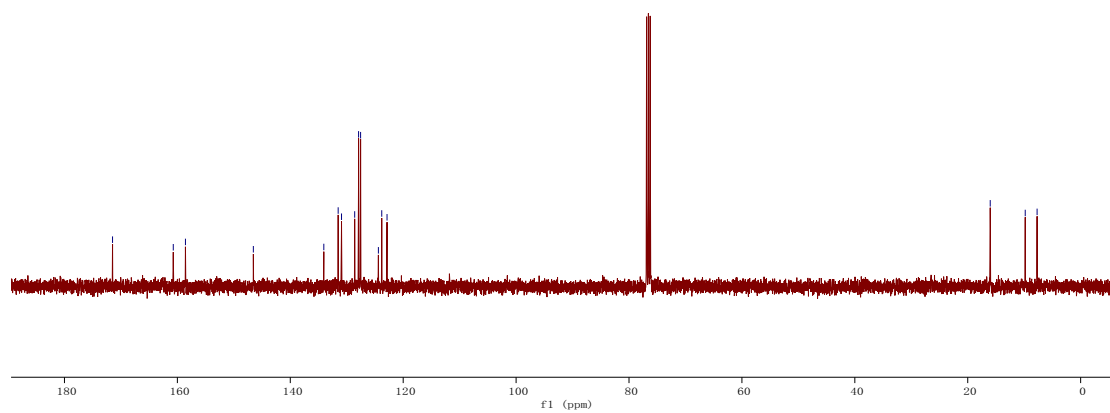
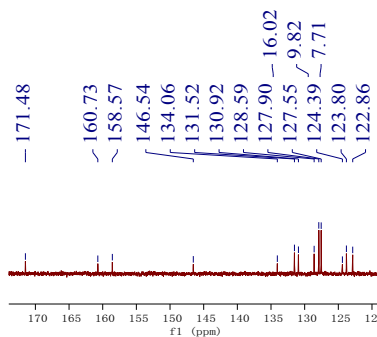
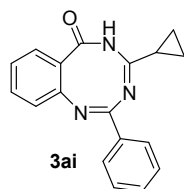


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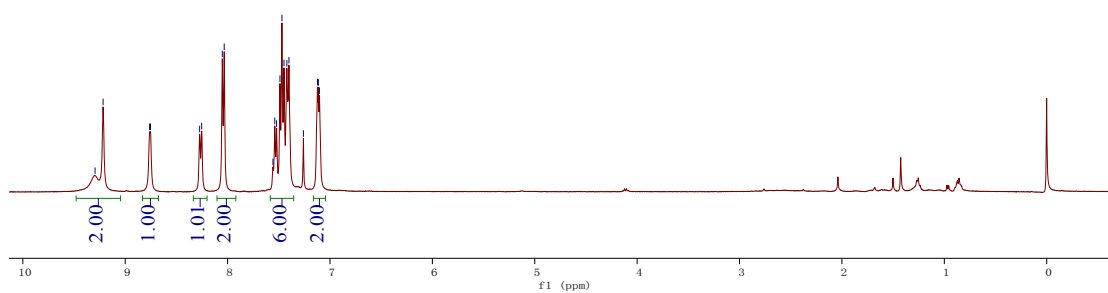
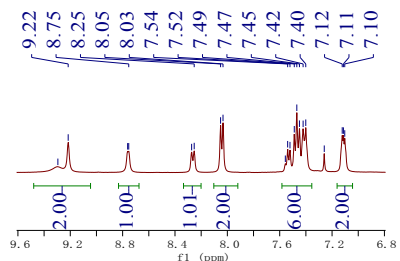
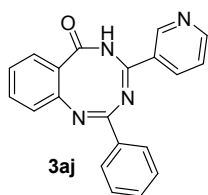


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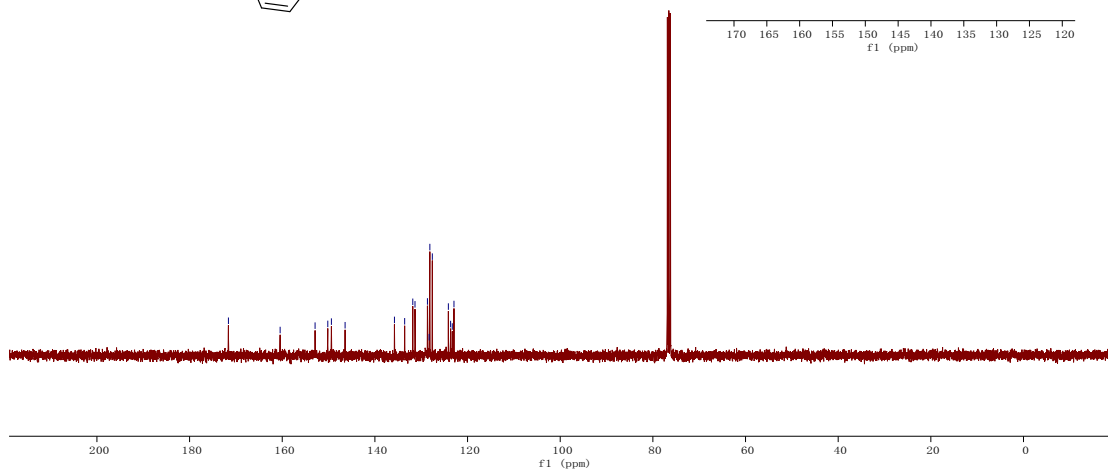
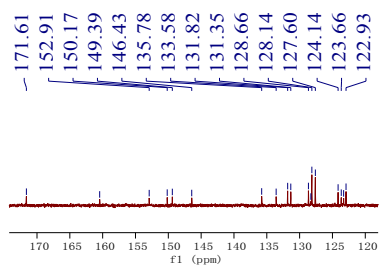
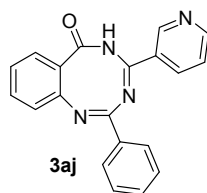


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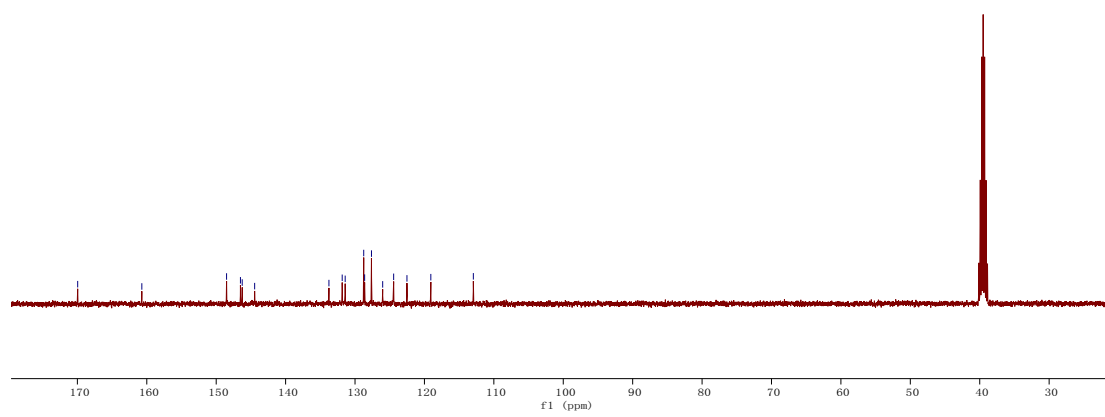
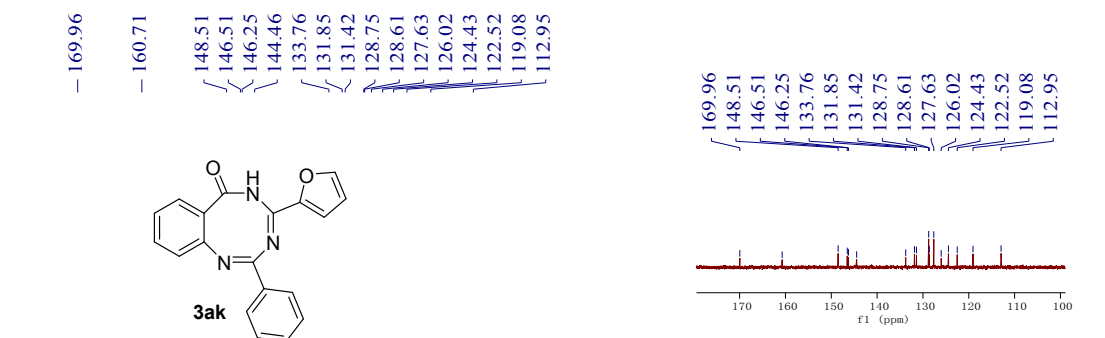
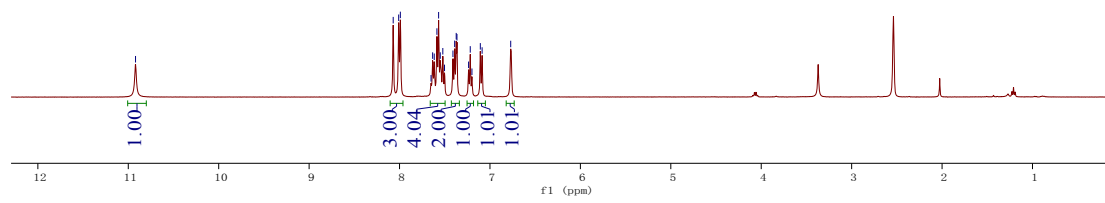
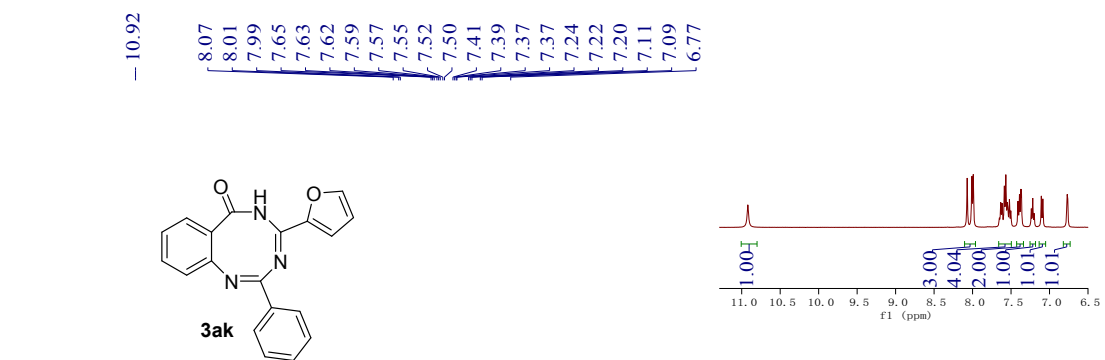


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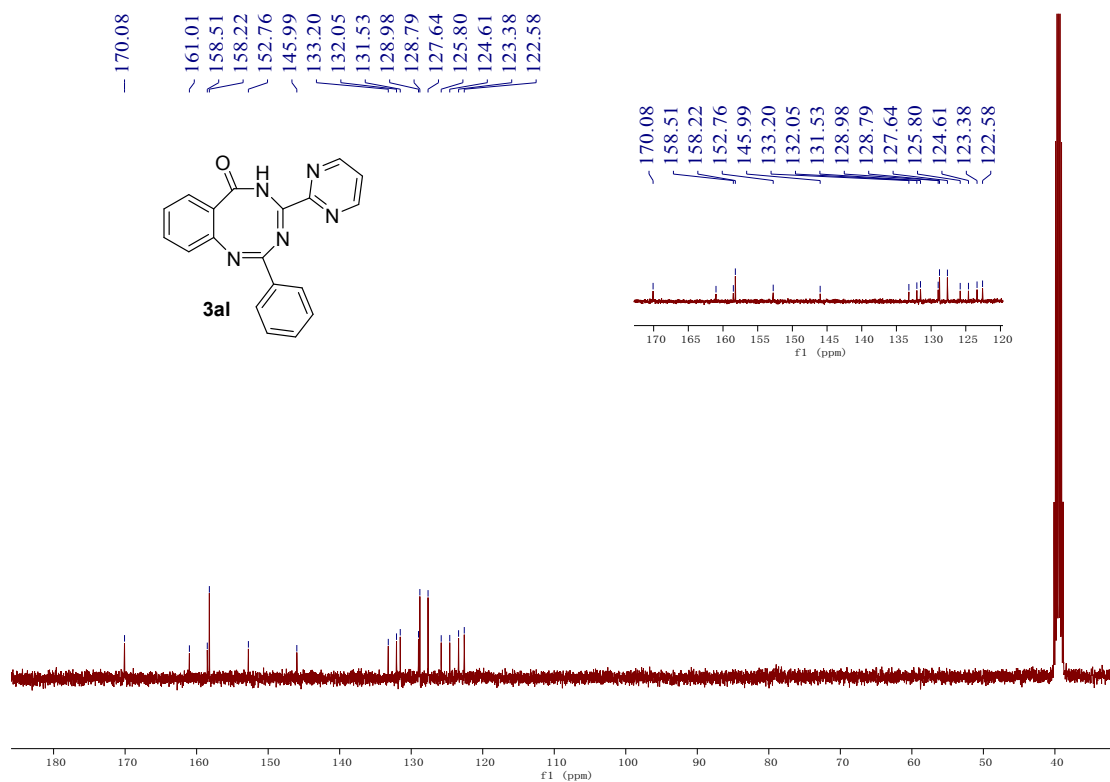
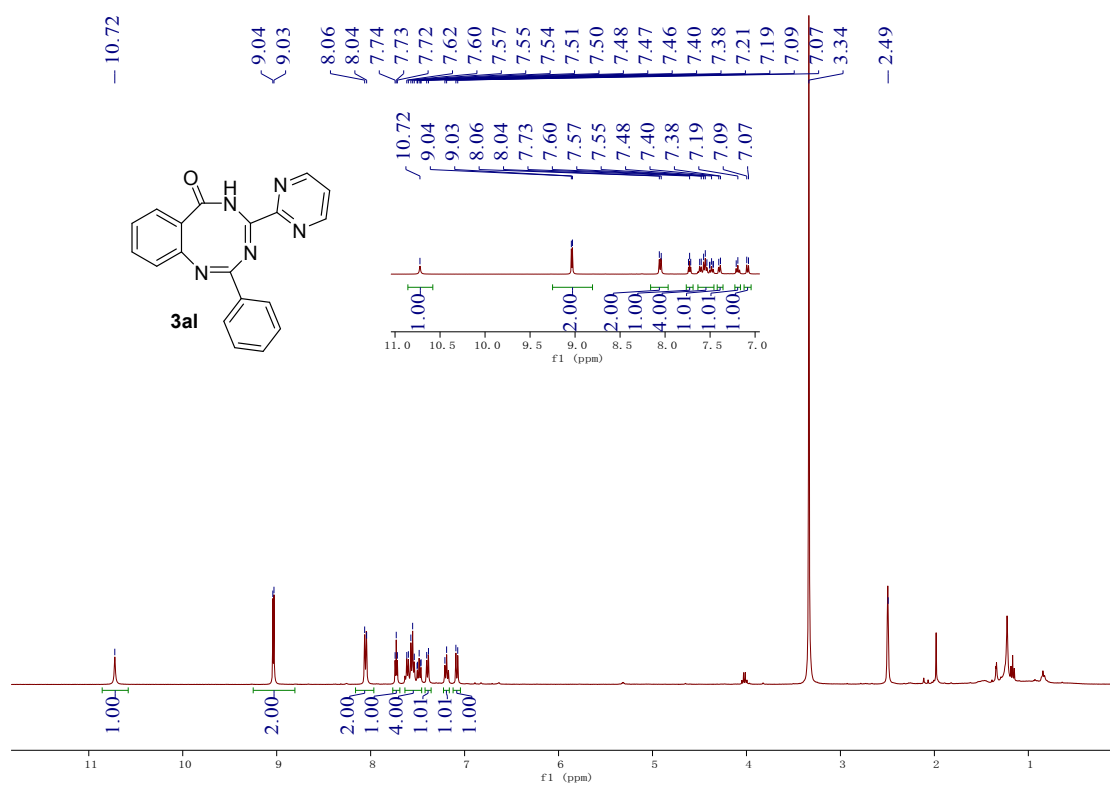


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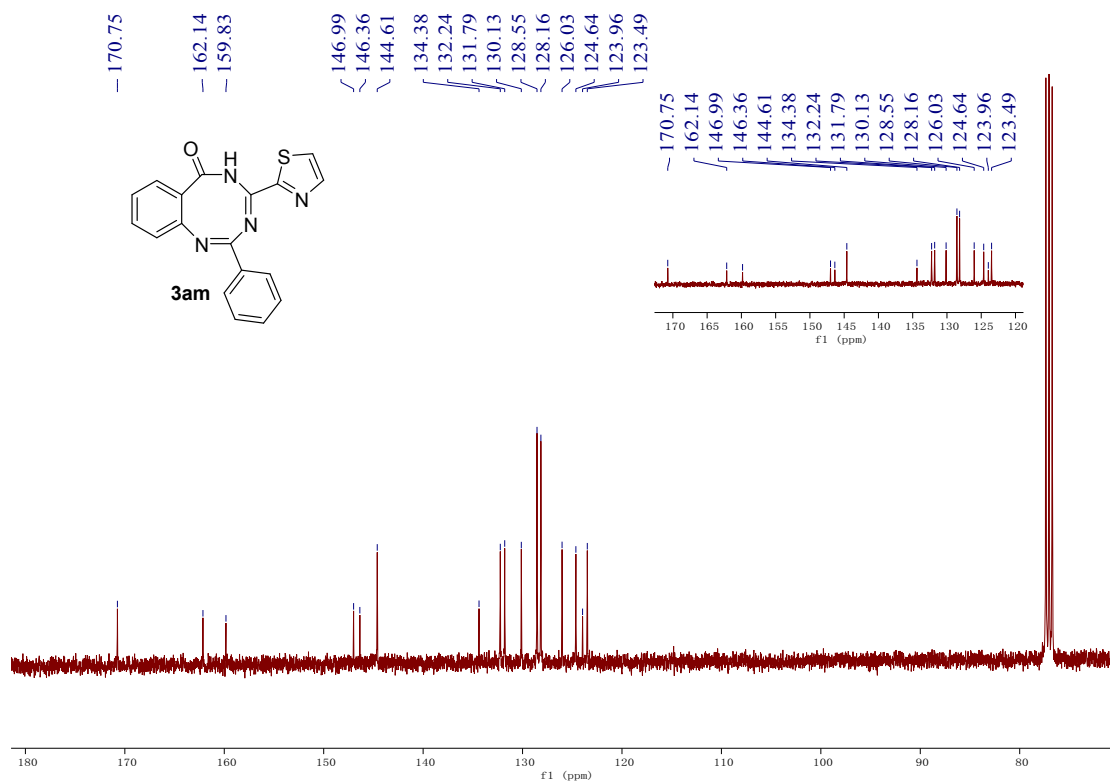
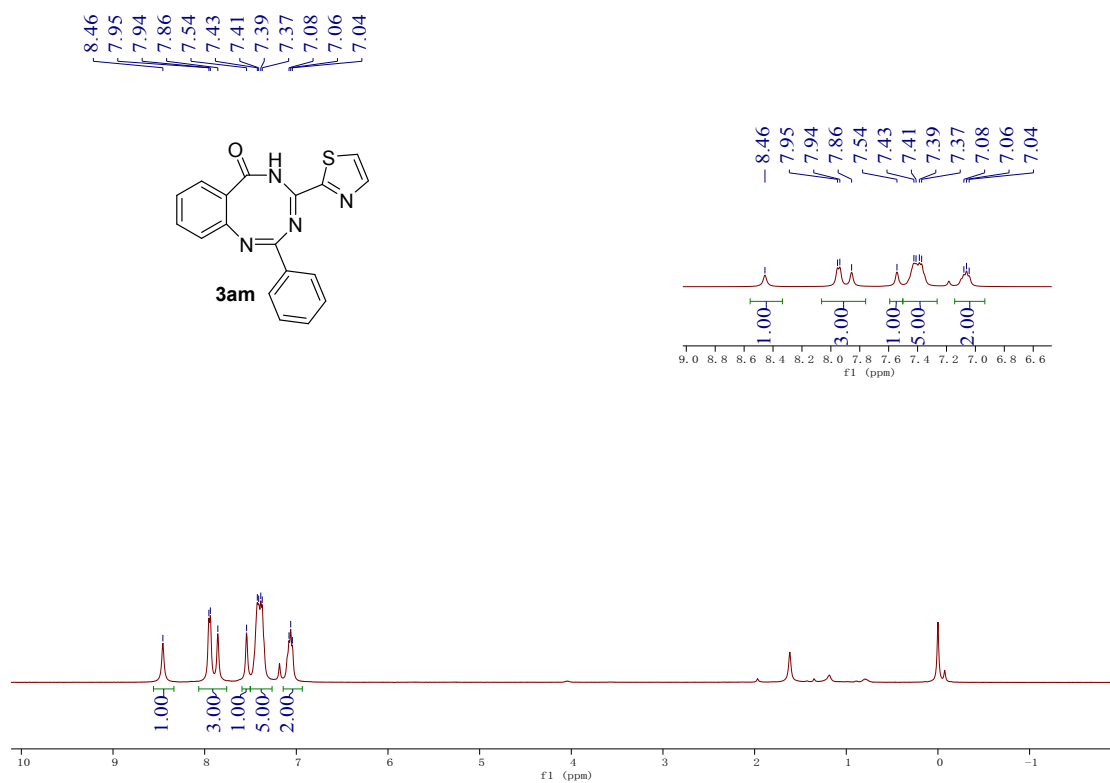


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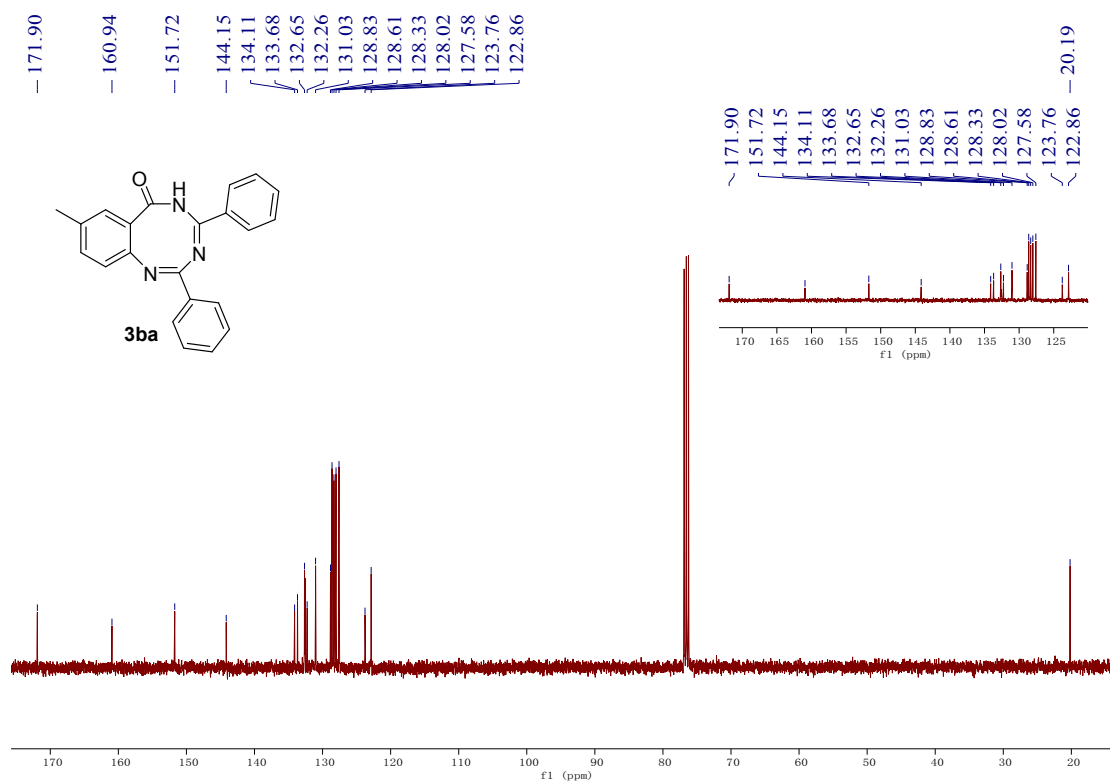
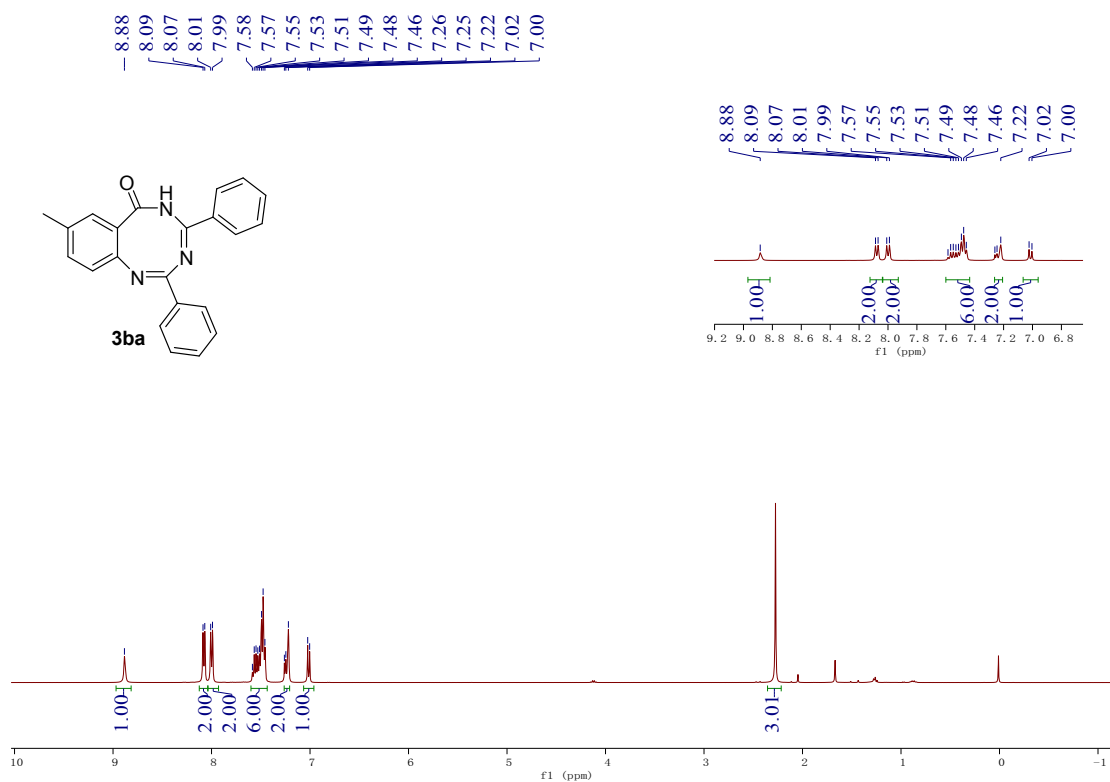


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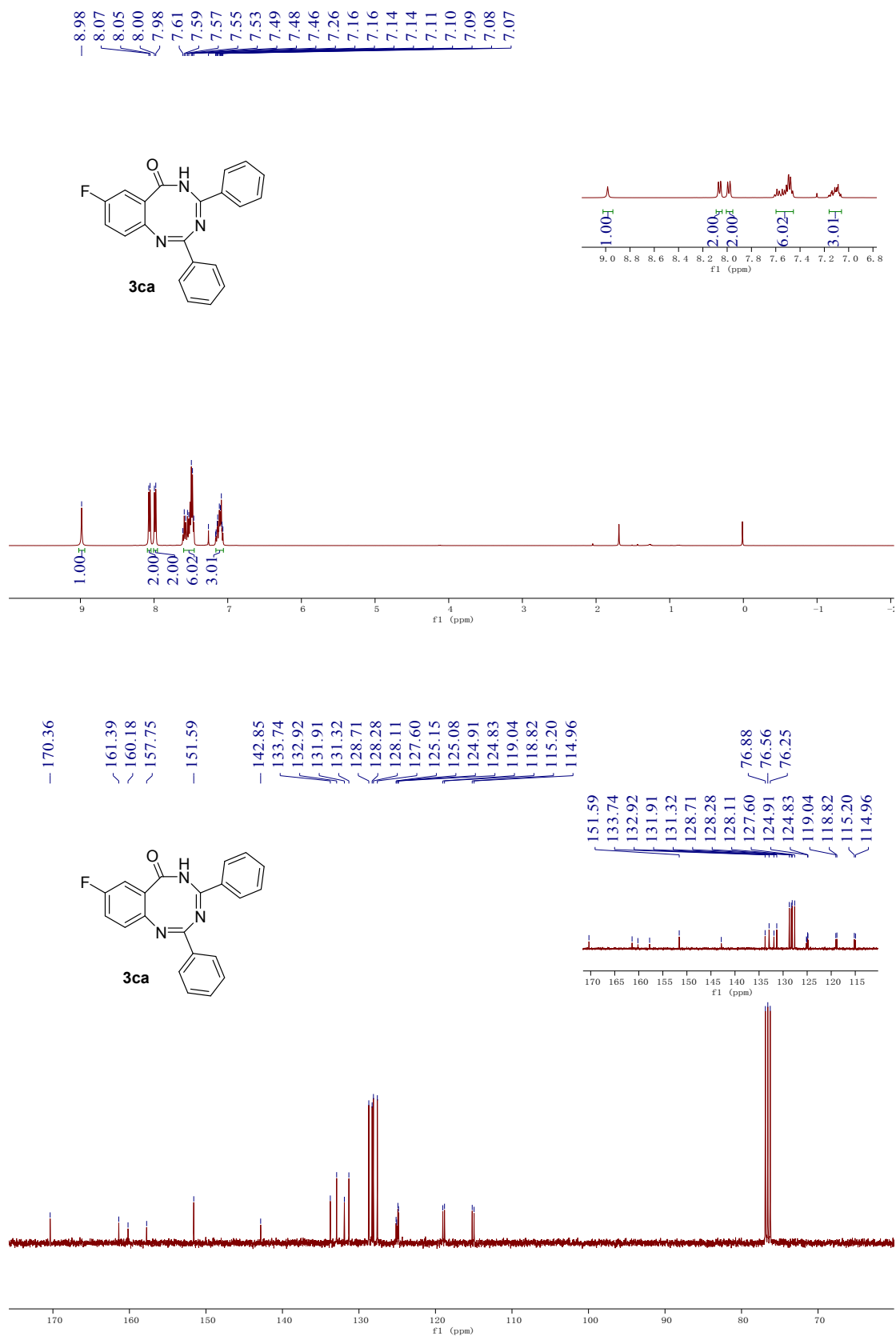


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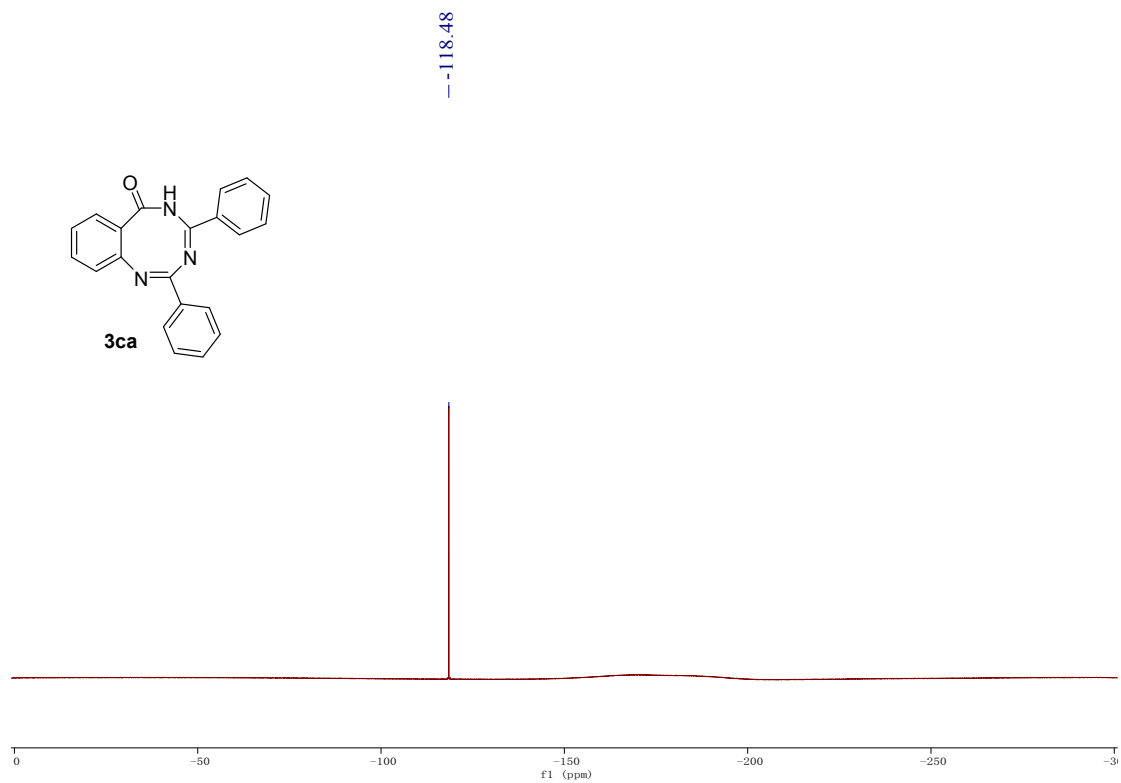


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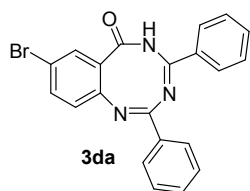
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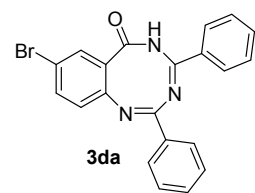
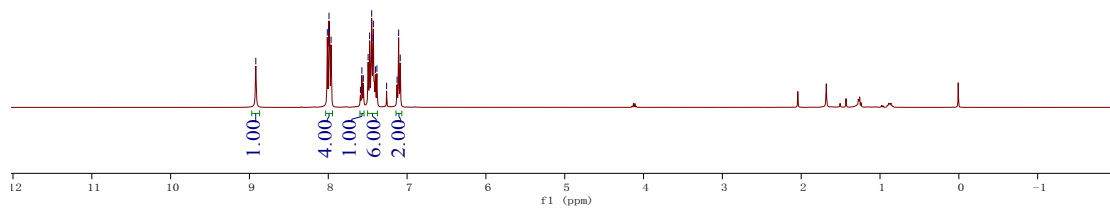
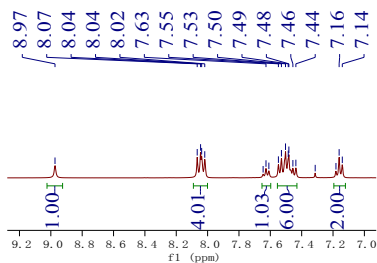
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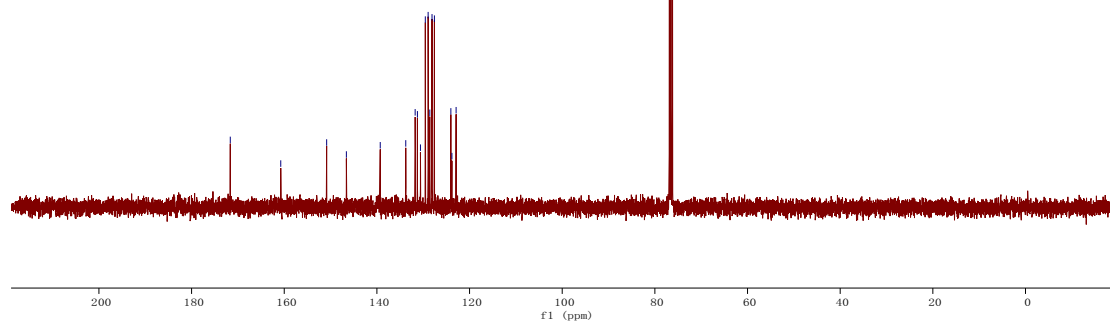
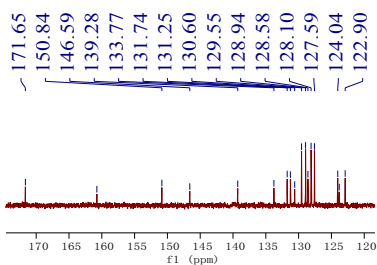
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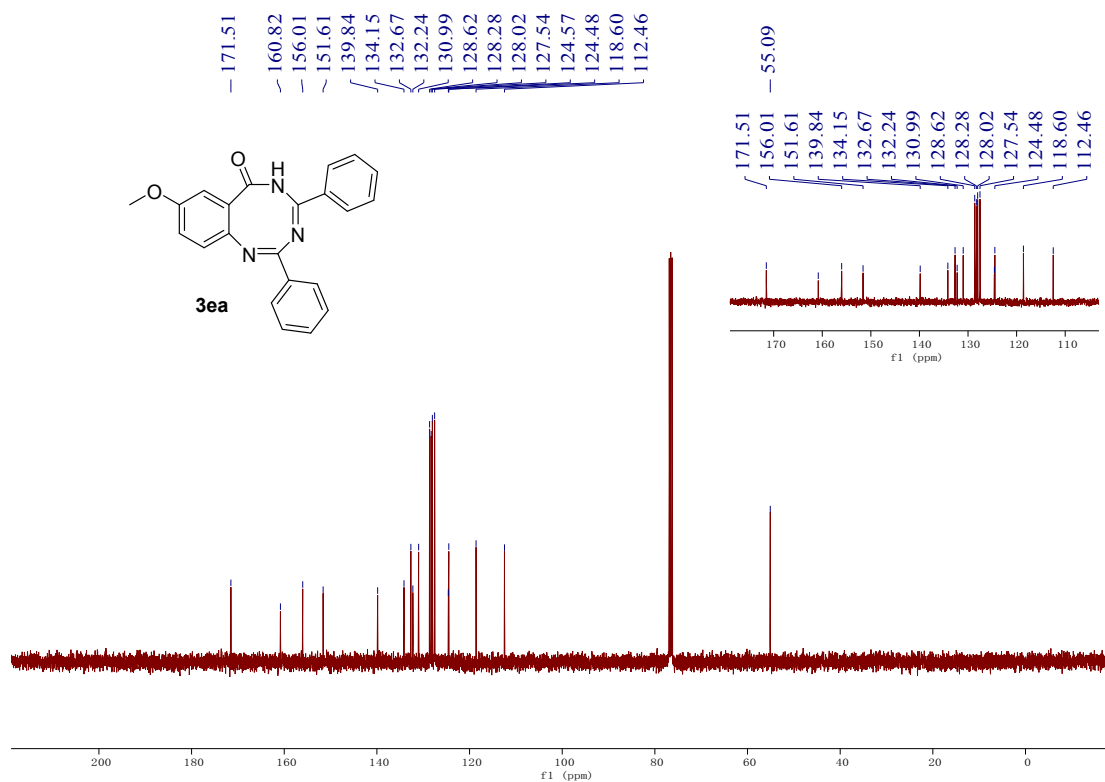
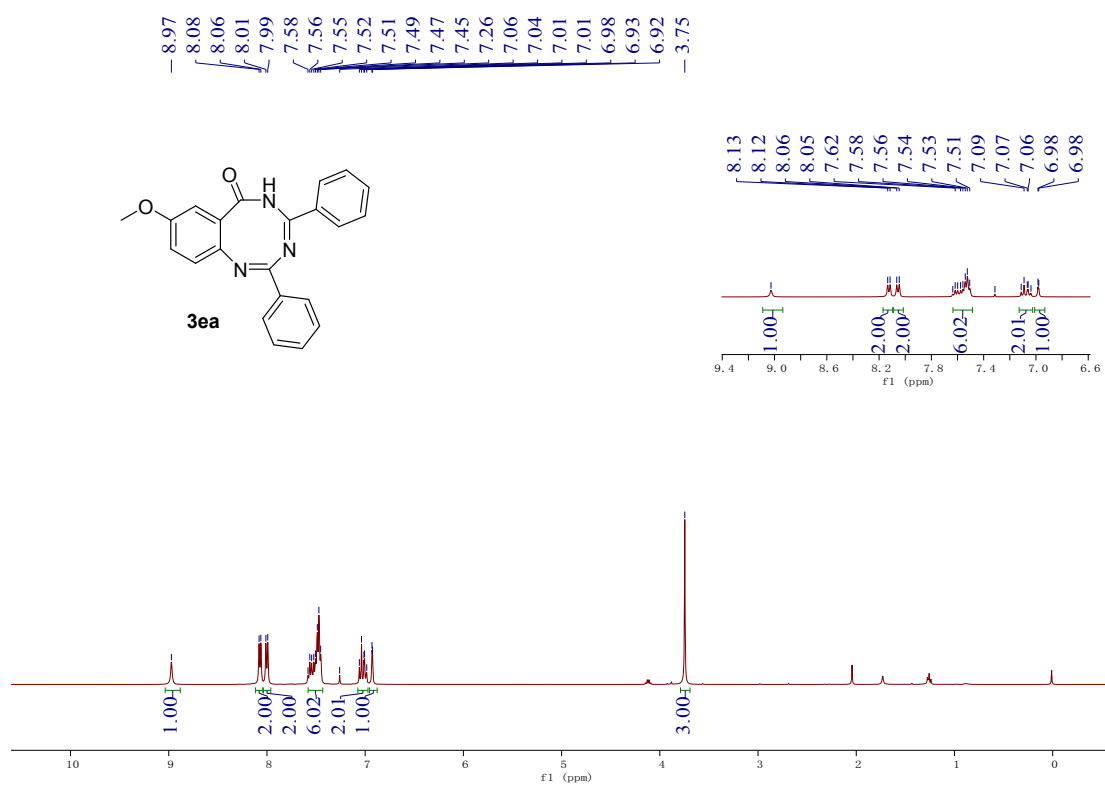
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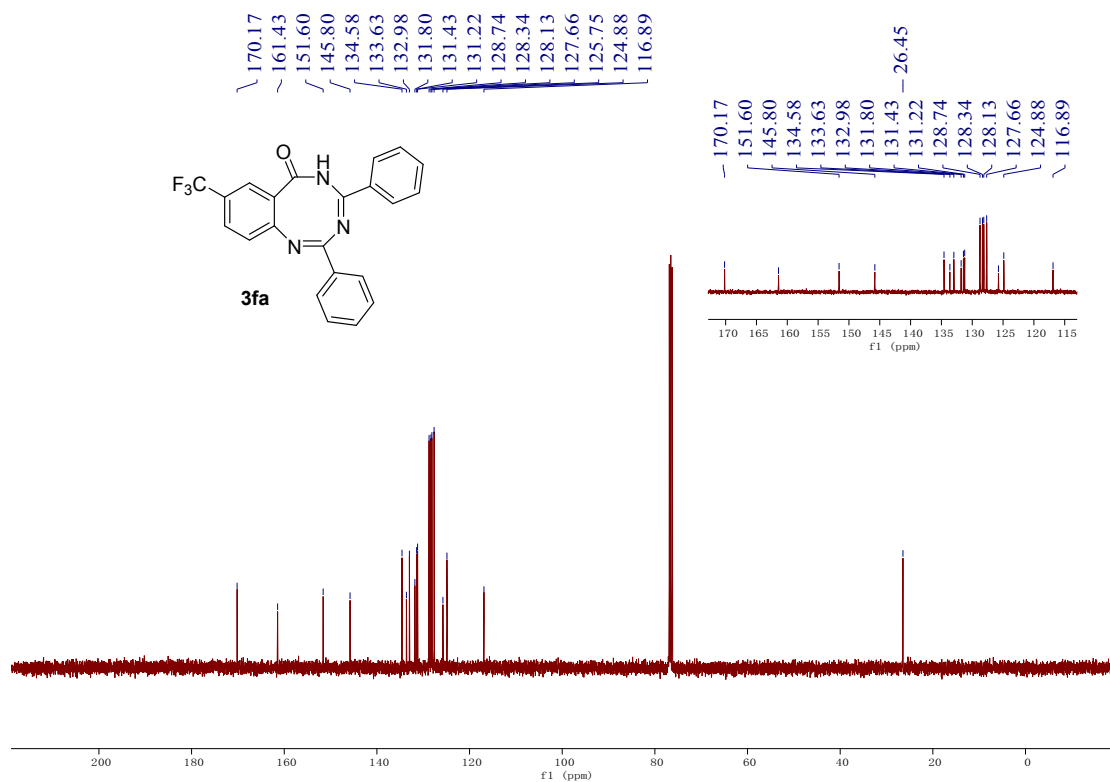
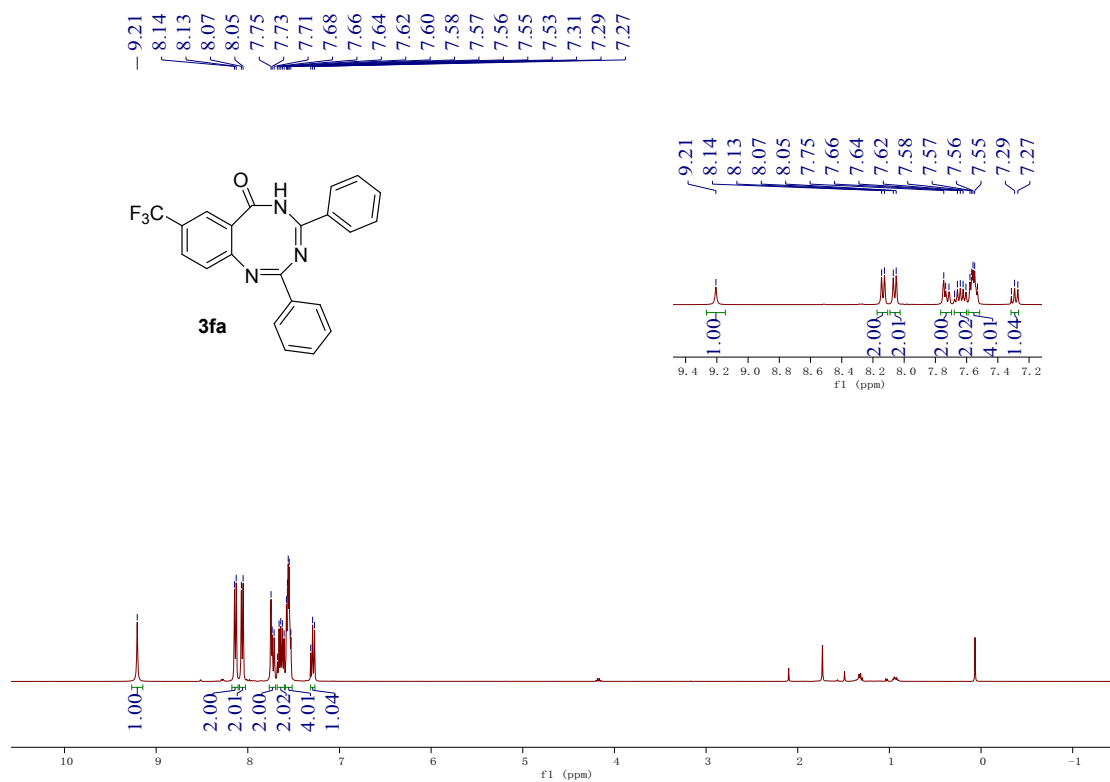
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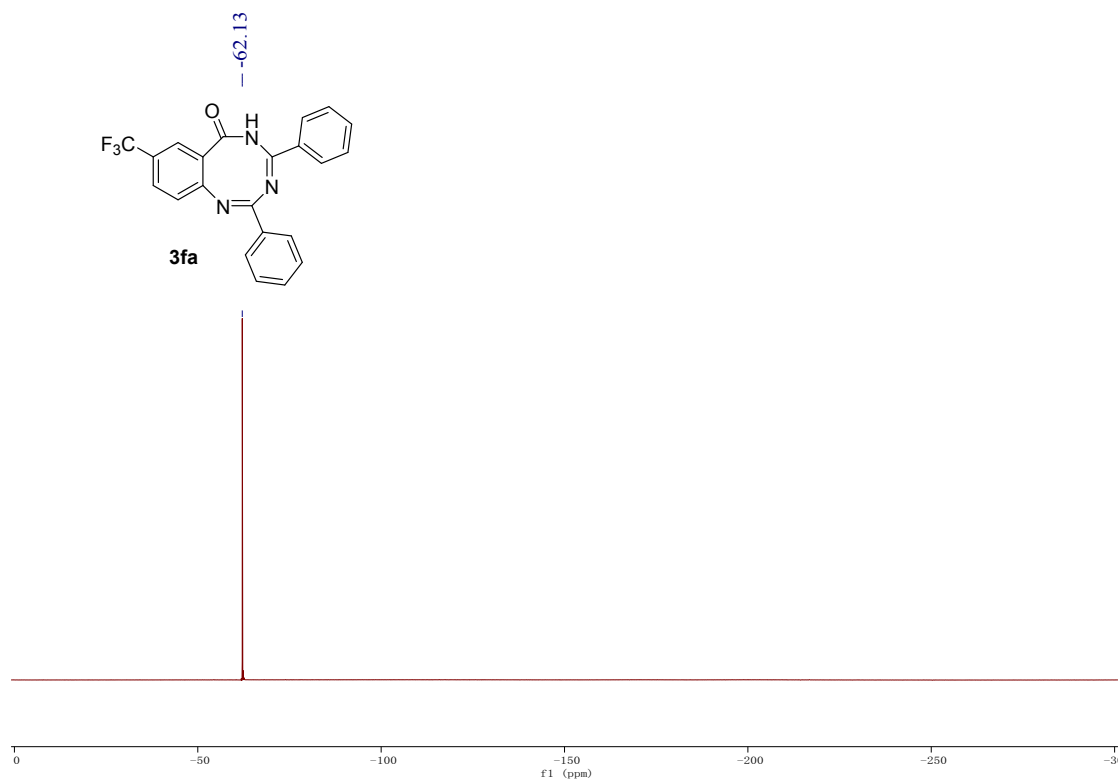
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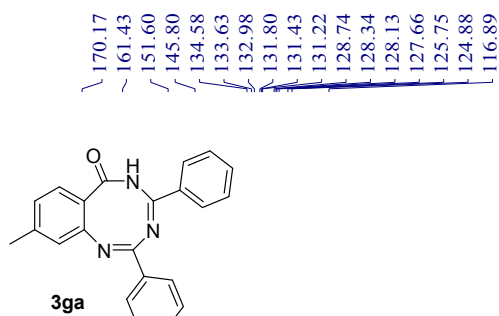
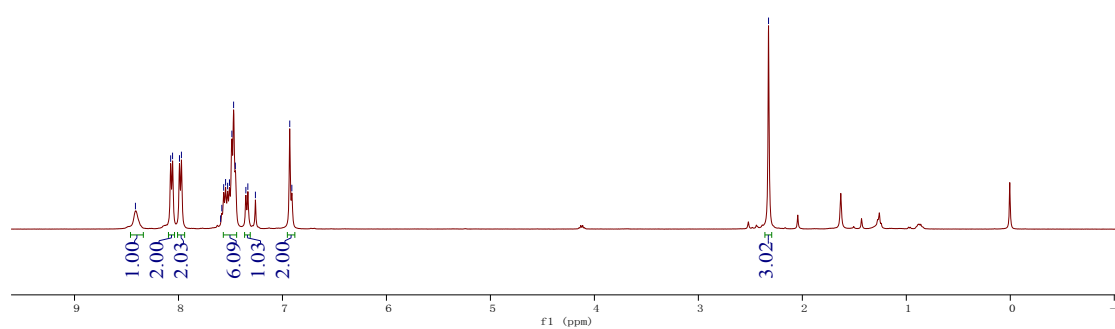
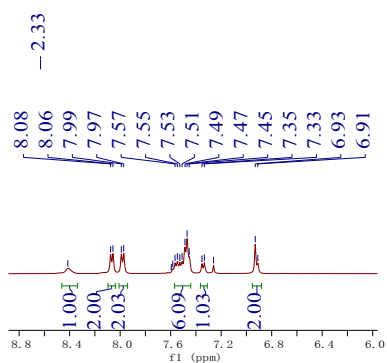
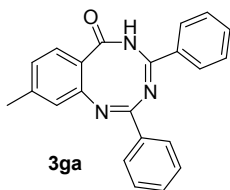


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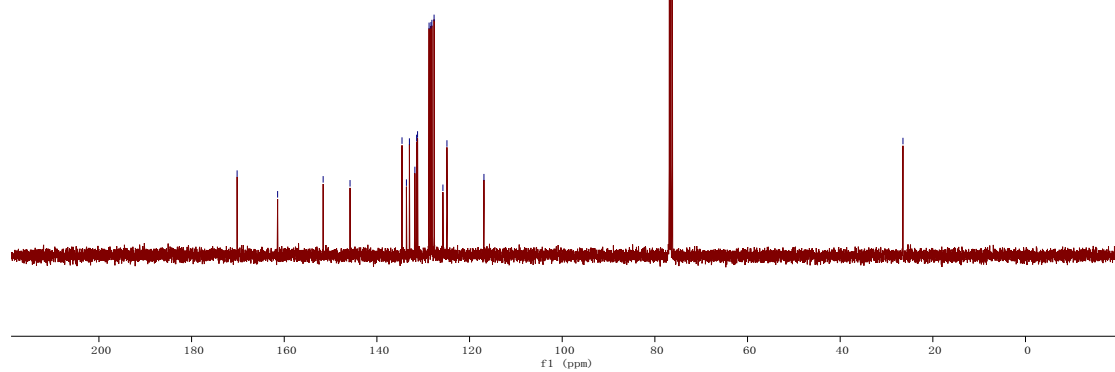
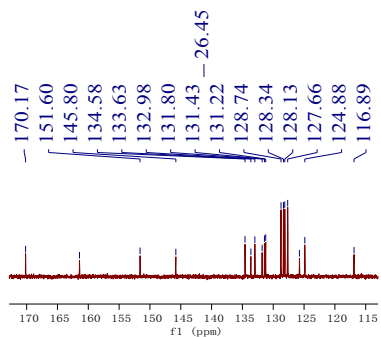


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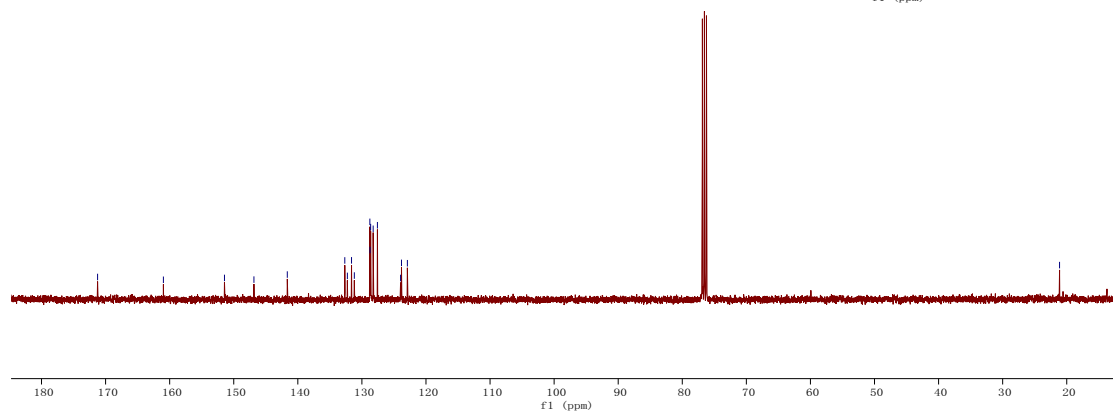
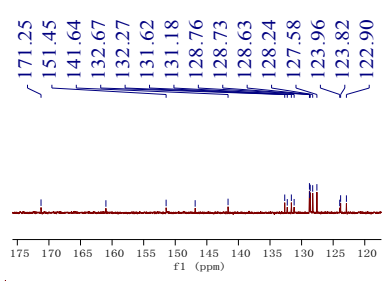
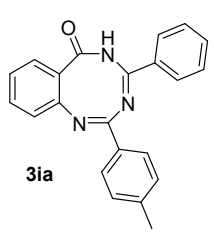
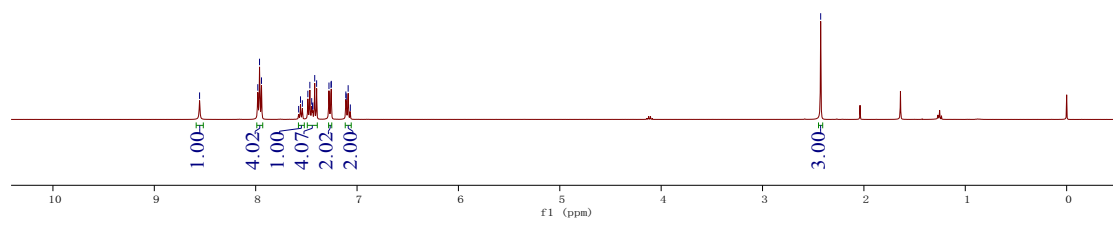
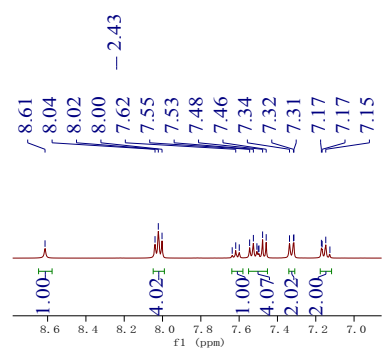
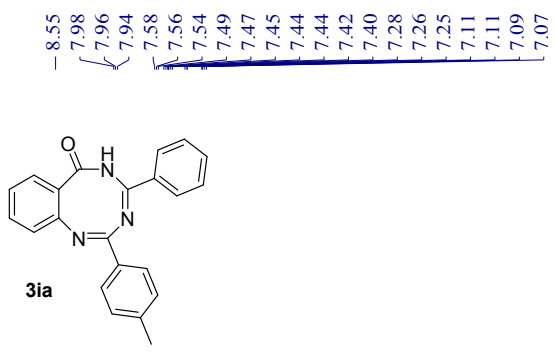
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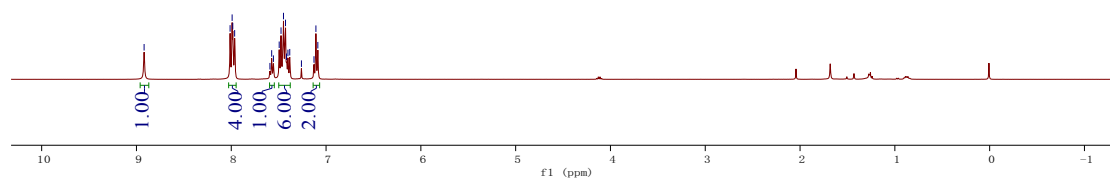
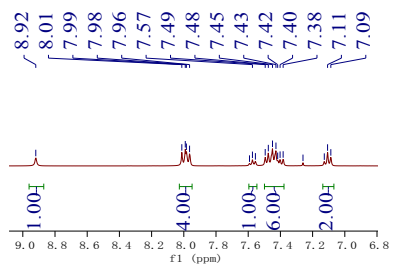
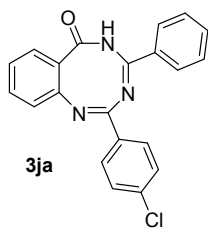


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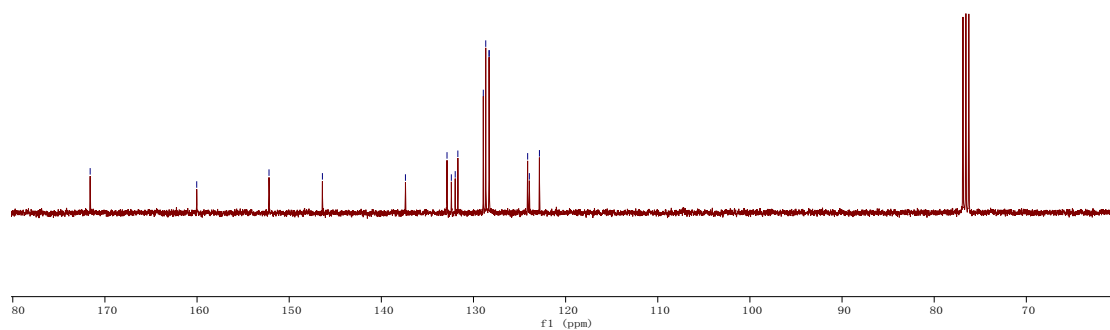
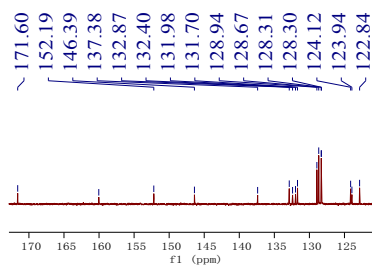
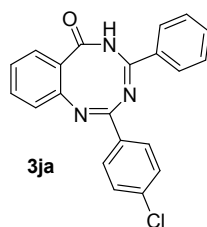


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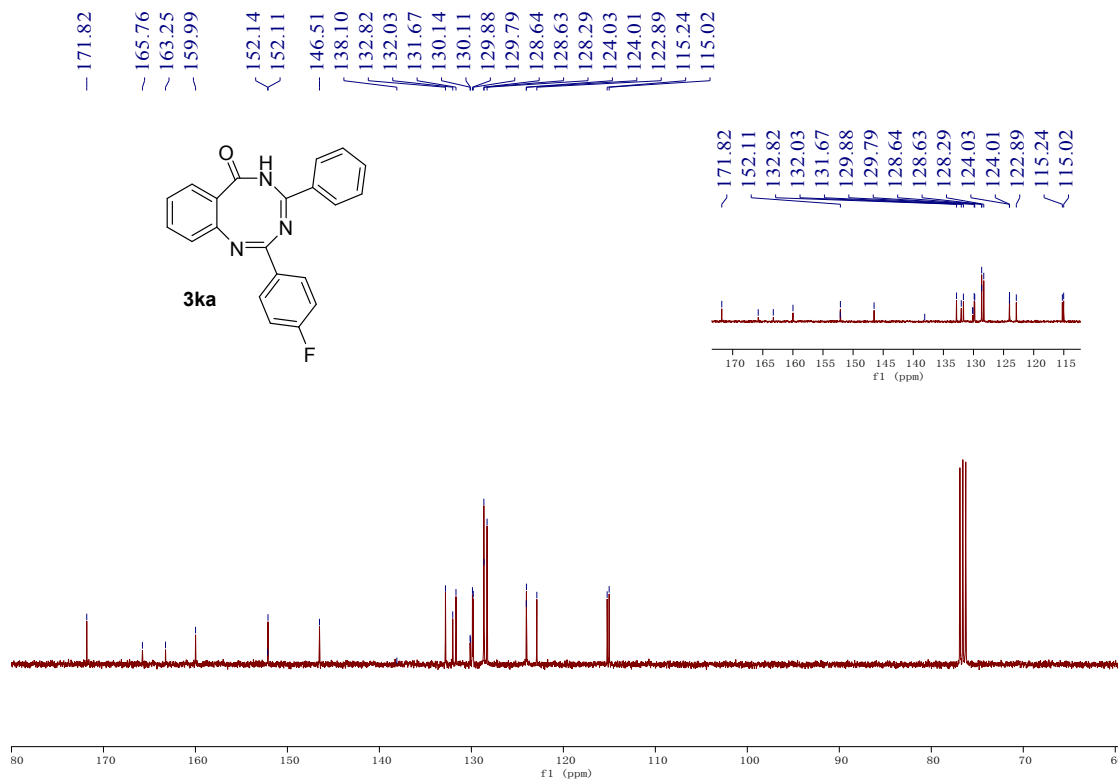
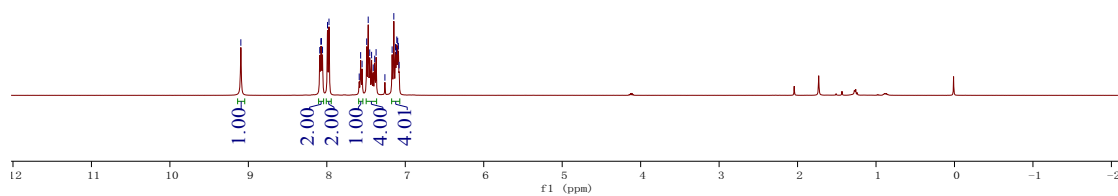
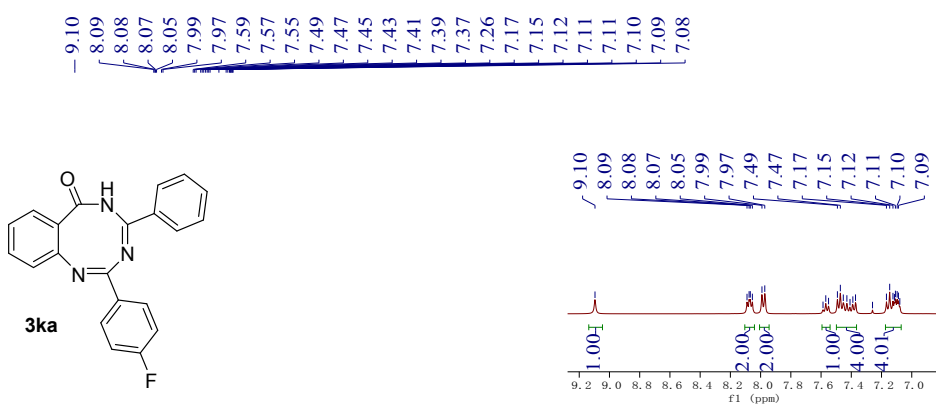


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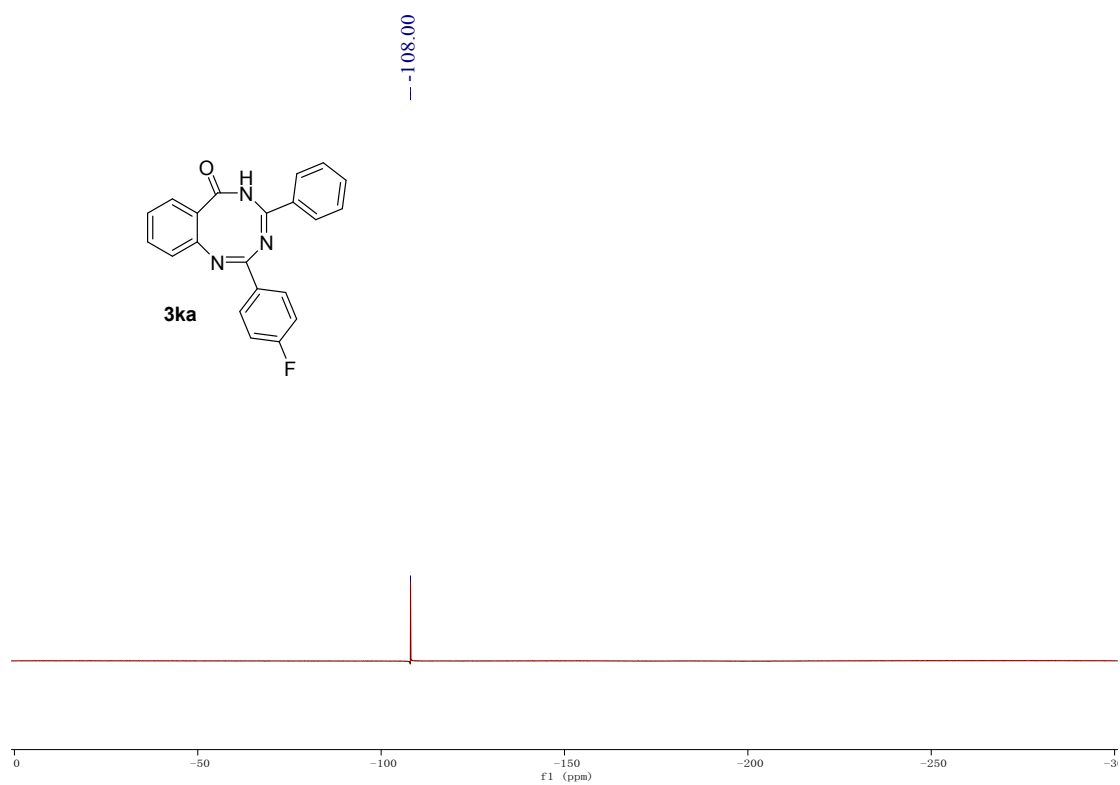


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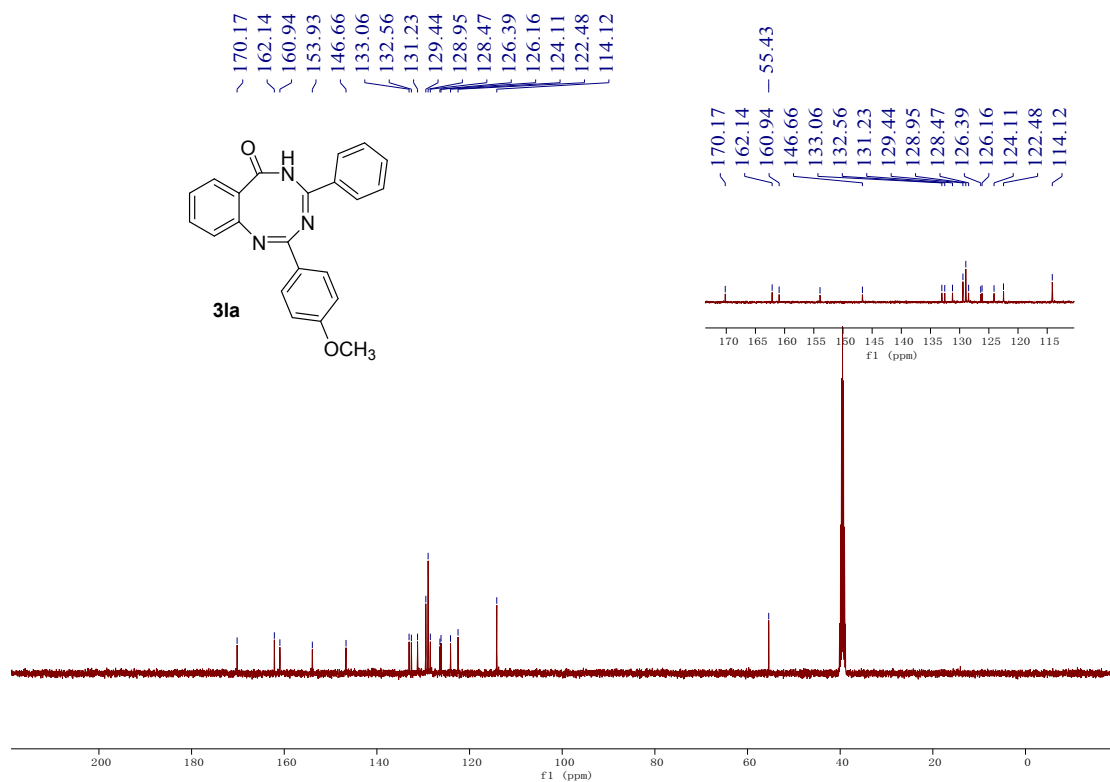
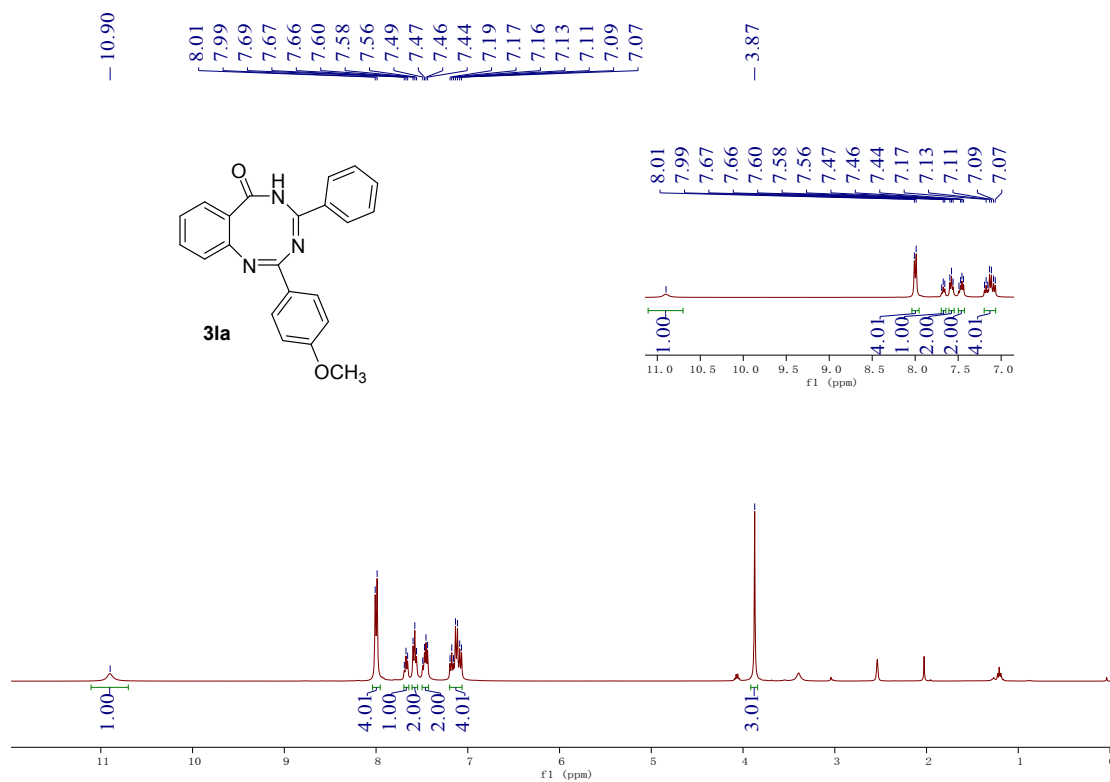
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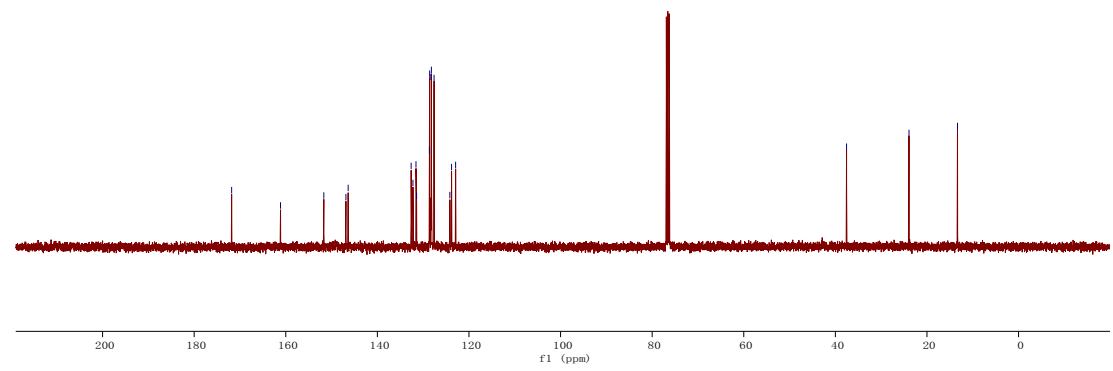
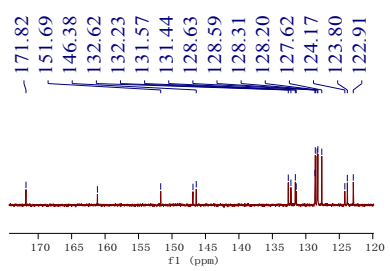
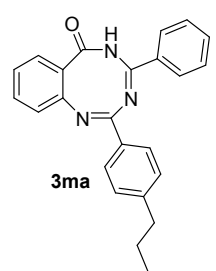
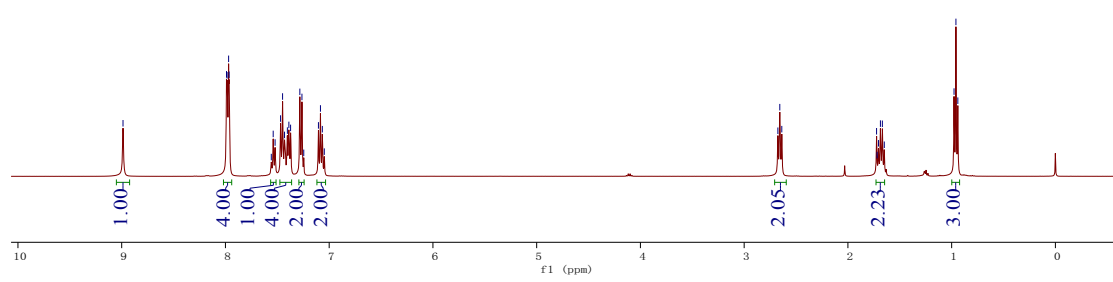
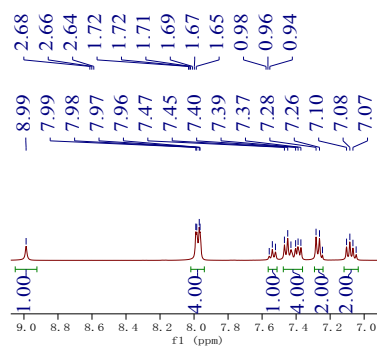
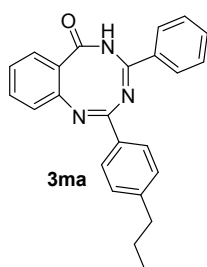
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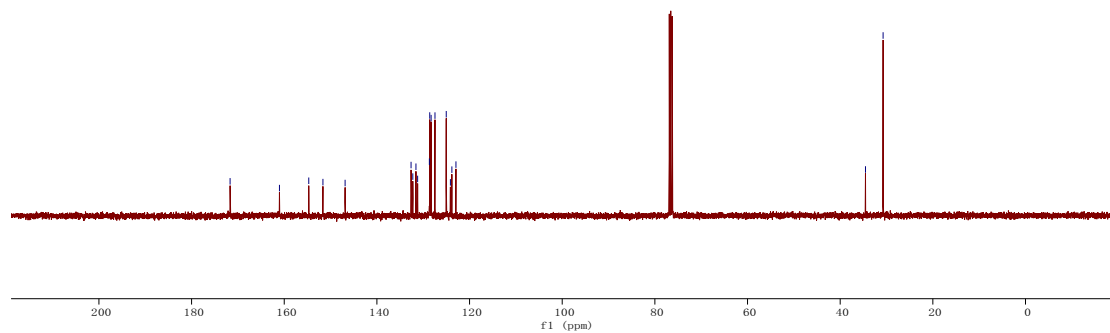
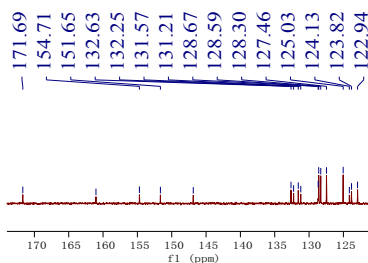
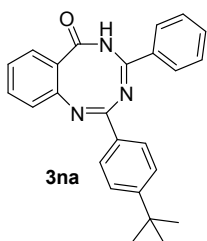
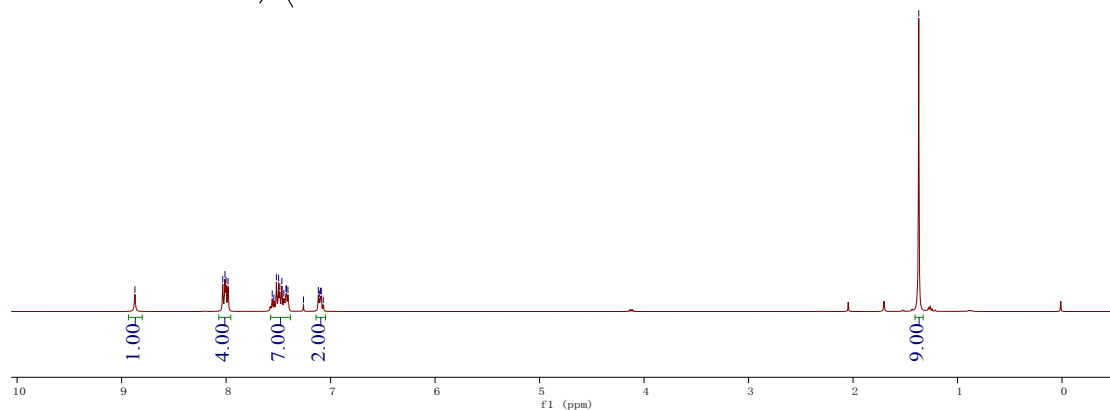
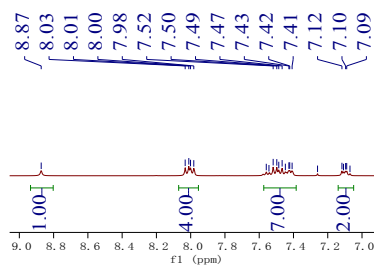
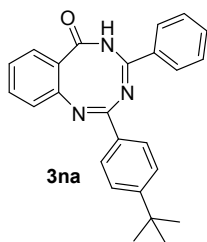
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3ma

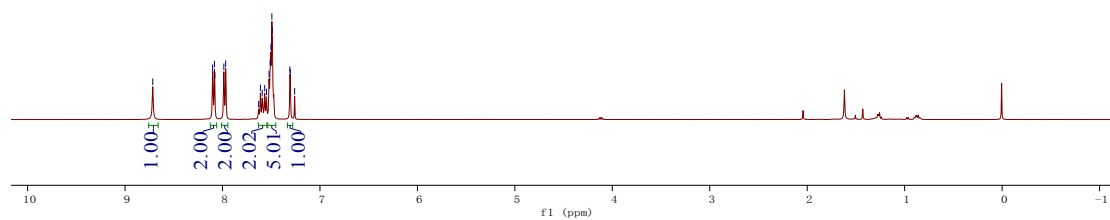
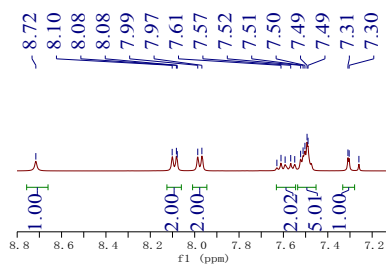
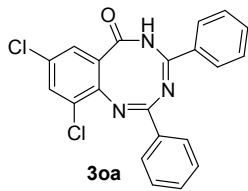


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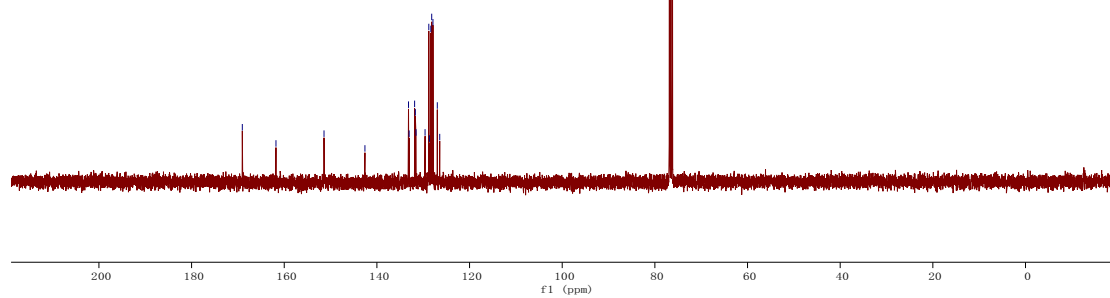
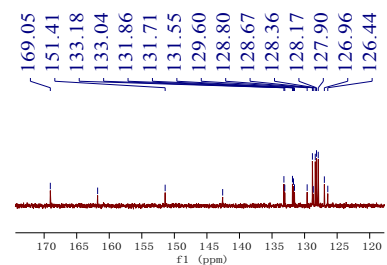
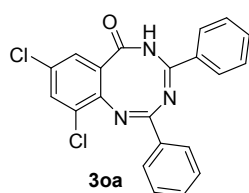


30a

8.72
8.10
8.08
8.08
7.99
7.97
7.63
7.61
7.59
7.57
7.55
7.52
7.50
7.49
7.49
7.31
7.30
7.26

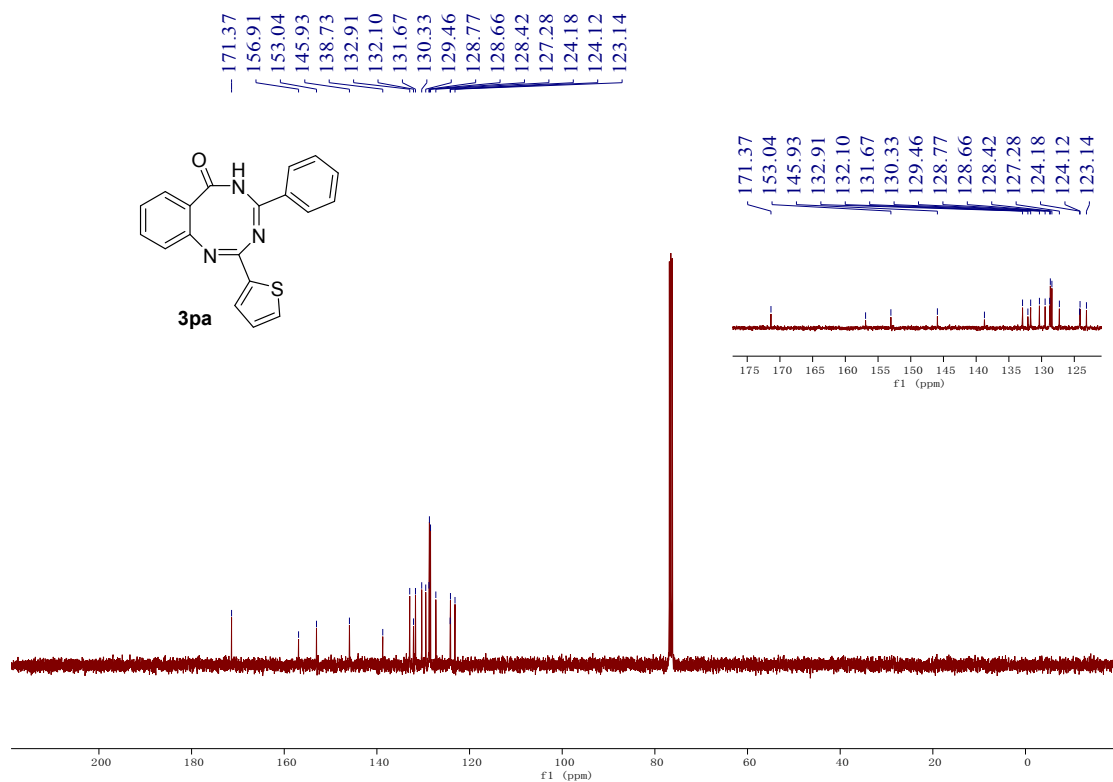
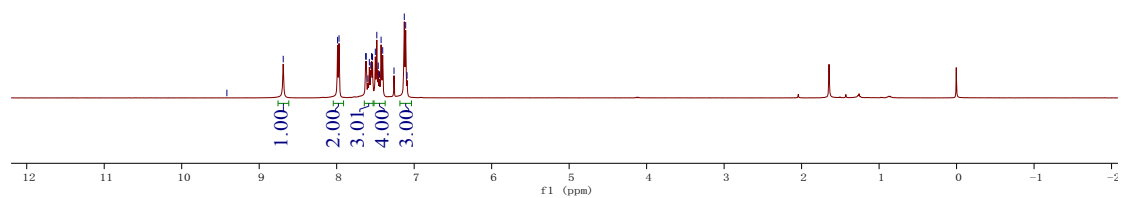
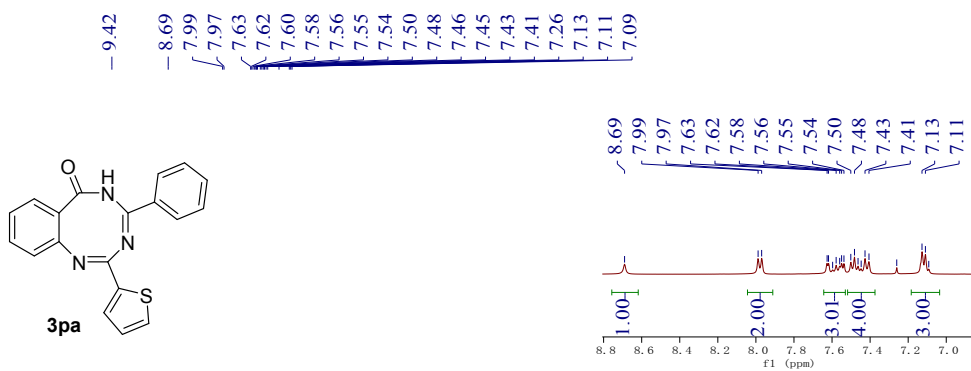


169.05
161.79
151.41
142.58
133.18
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131.71
131.55
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128.80
128.67
128.36
128.17
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126.96
126.44



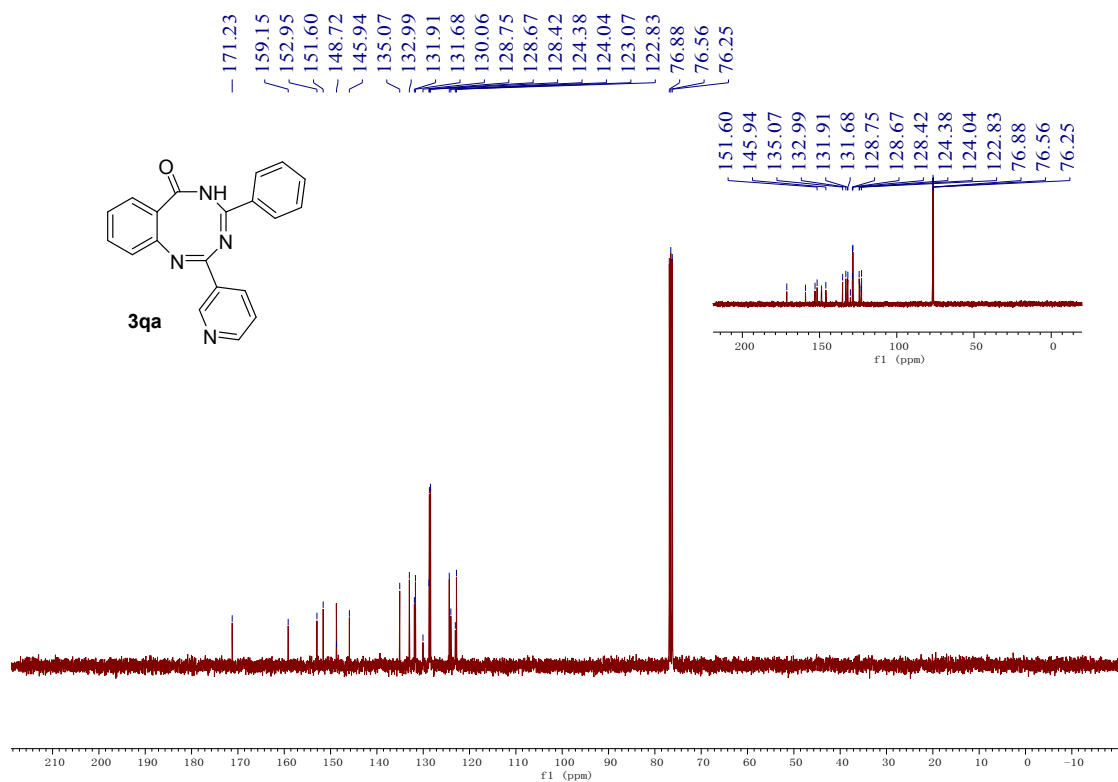
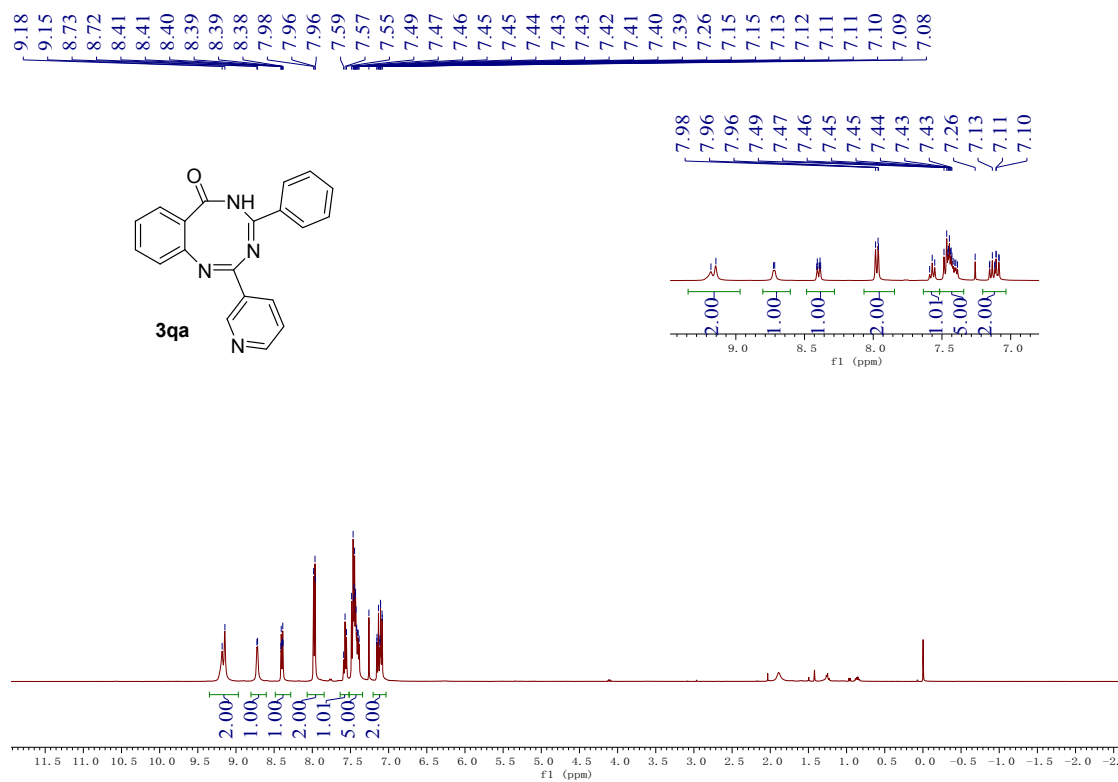
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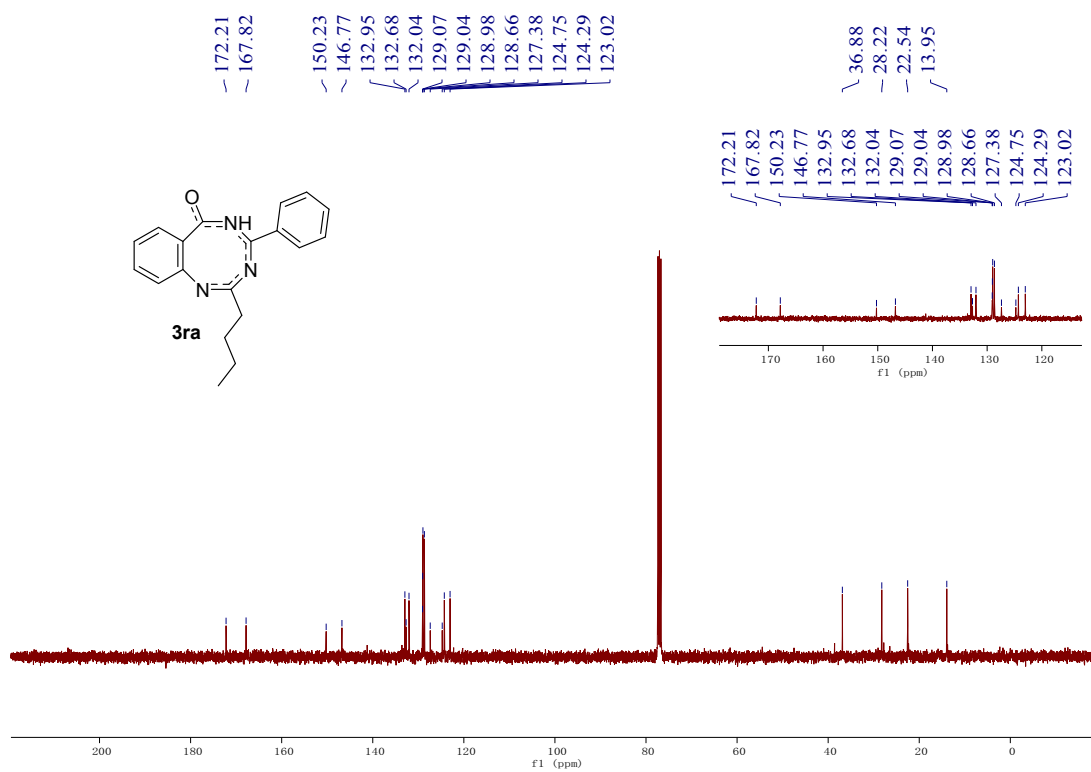
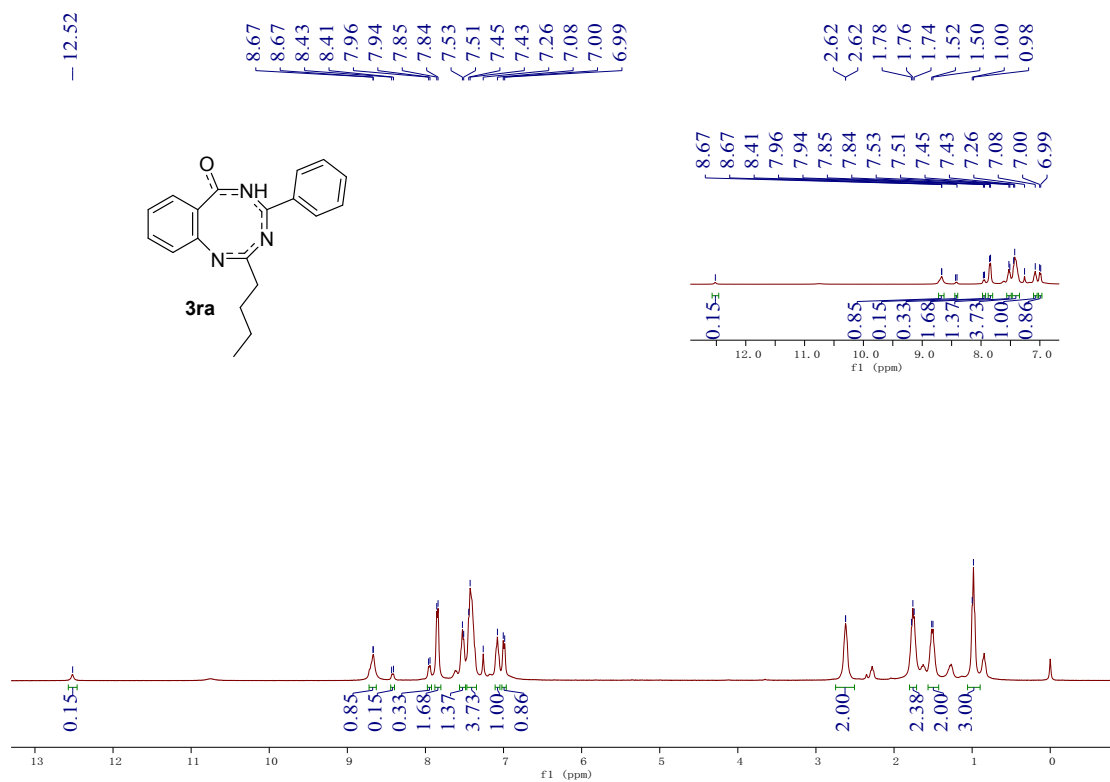
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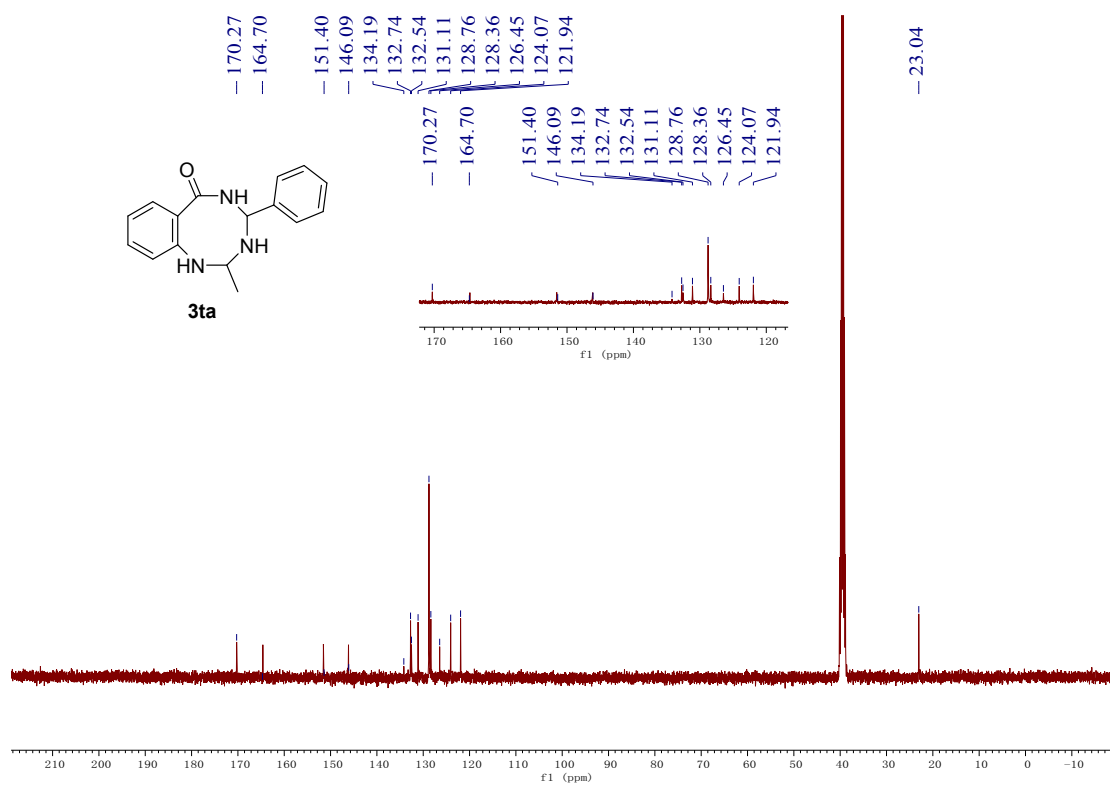
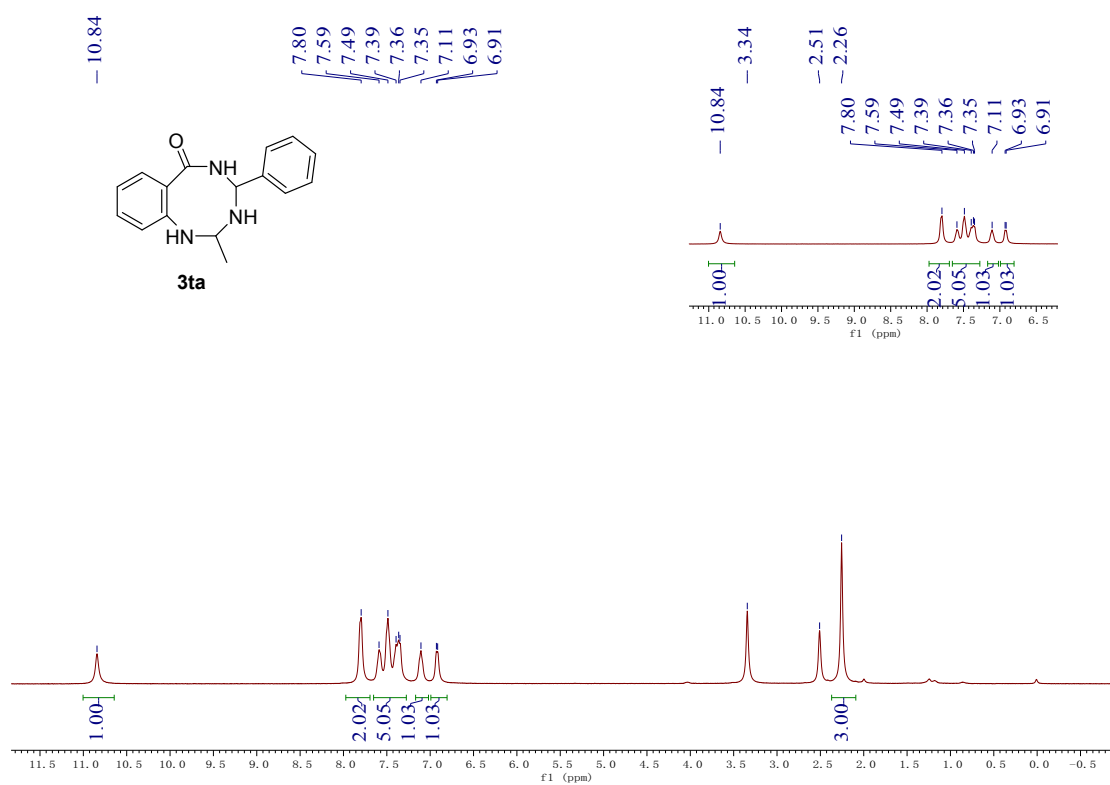


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3ra

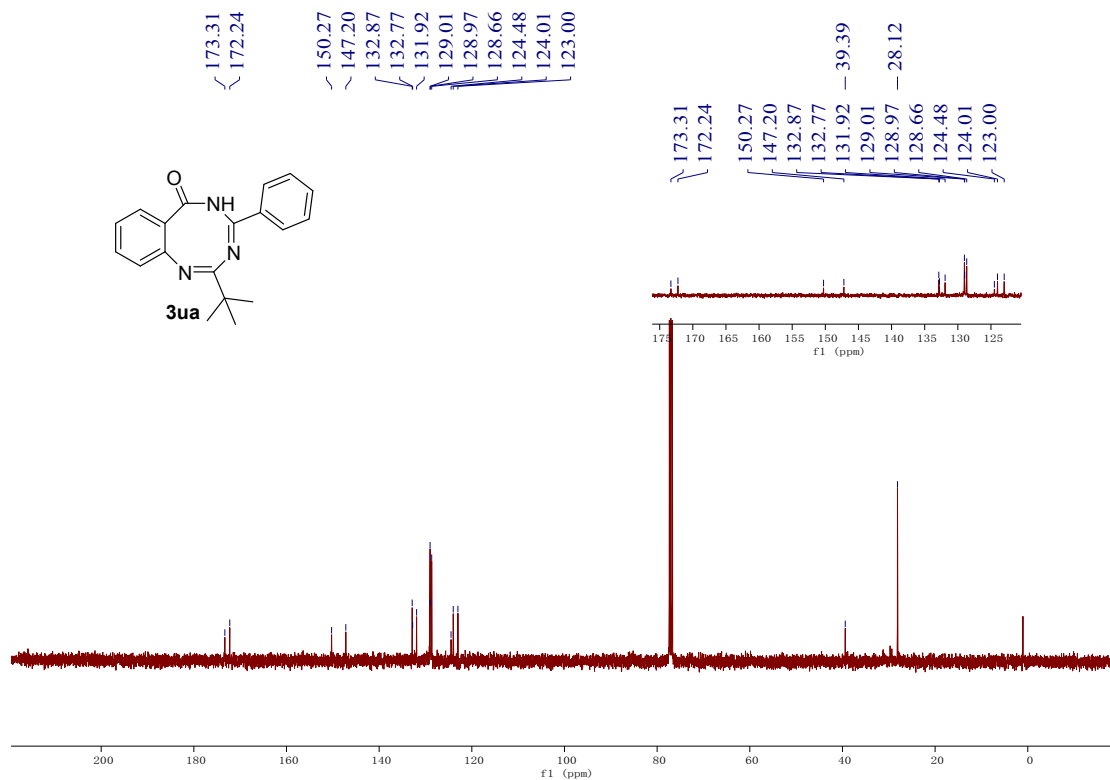
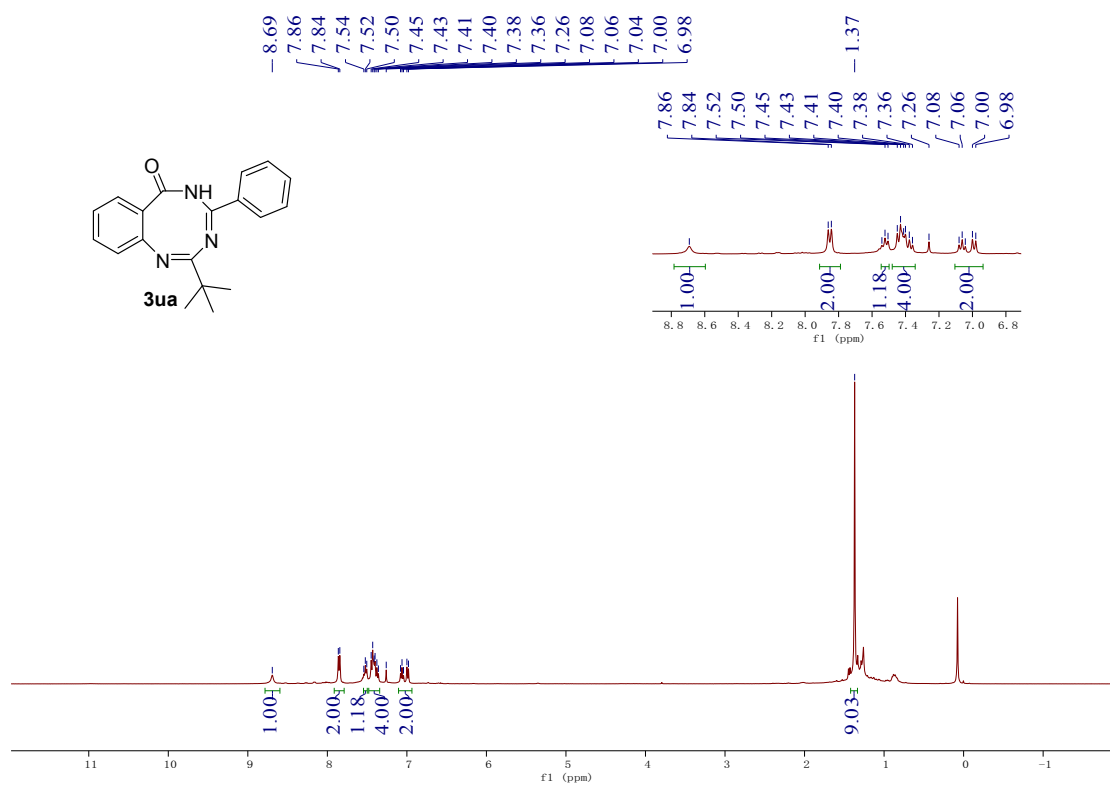


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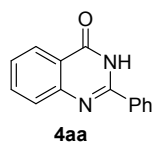


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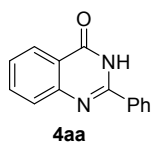
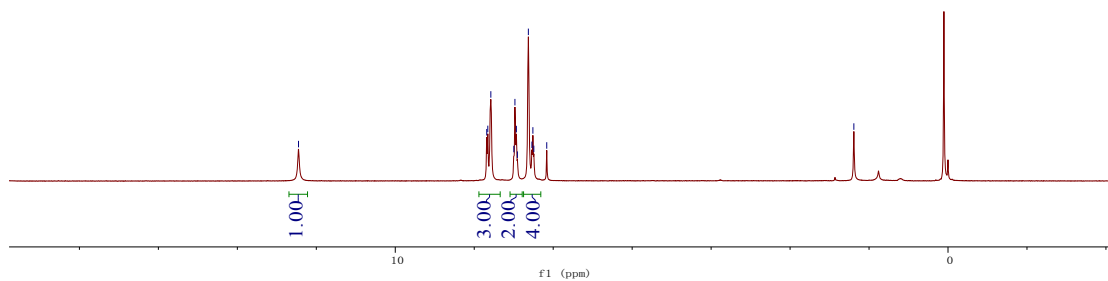
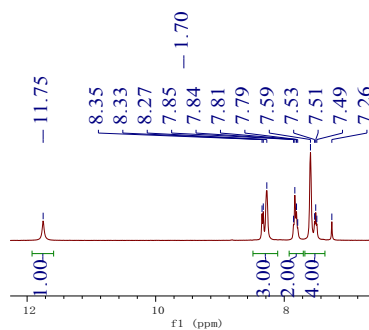
3ua



4aa



11.75
8.35
8.33
8.27
7.85
7.84
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7.79
7.59
7.53
7.51
7.49
7.26



163.47
151.31
149.06
134.42
132.36
131.17
128.56
127.54
126.97
126.31
125.89
120.38

