

## SUPPLEMENTARY MATERIALS

# Relaxant Activity of 4H-Pyran and 1,6-Dihydropyridine Derivatives on Isolated Rat Trachea

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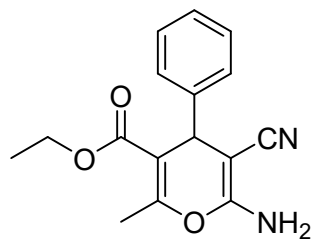
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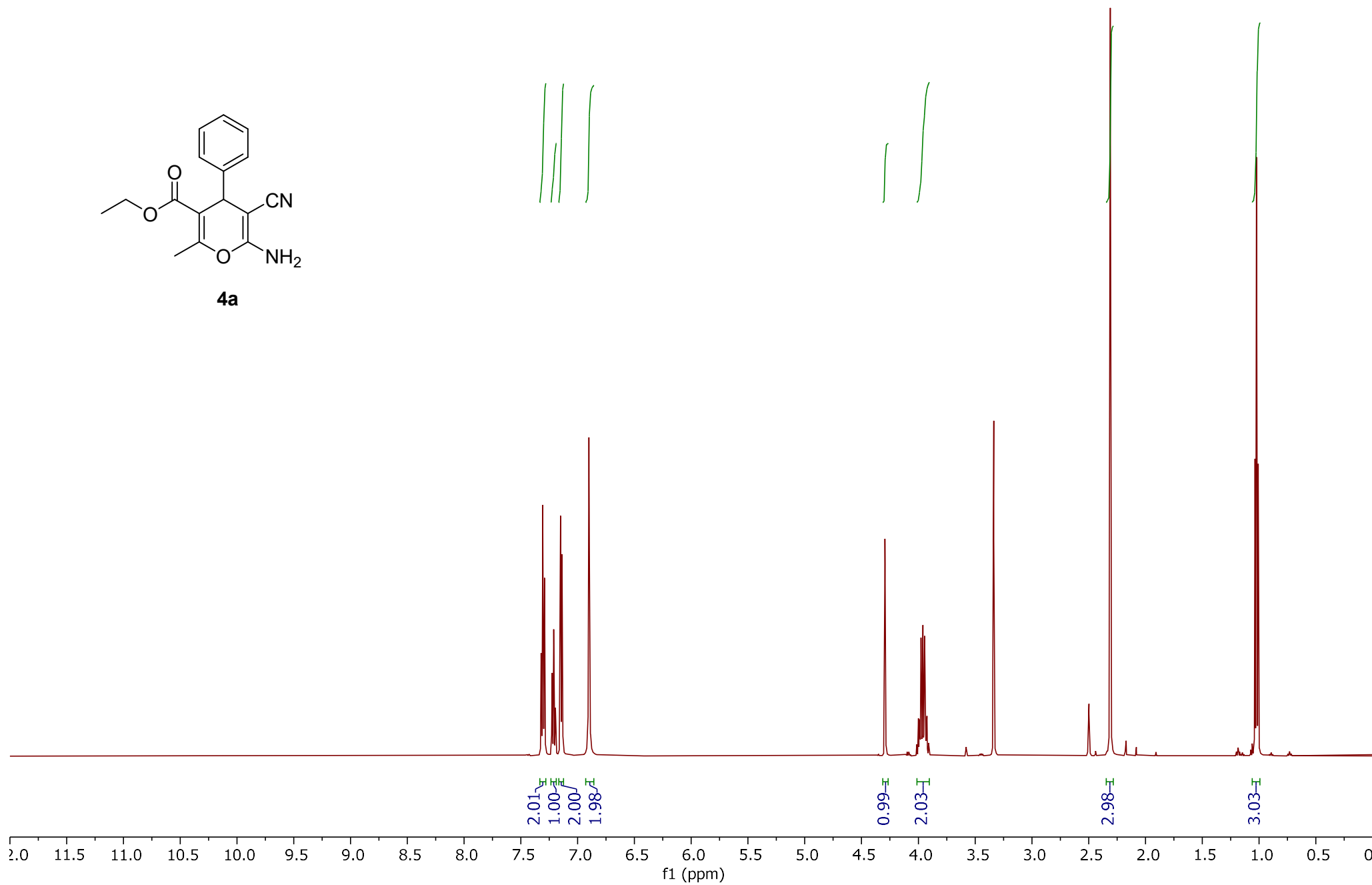
<sup>1</sup>H, <sup>13</sup>C NMR and other NMR data and HRMS

S1-S39

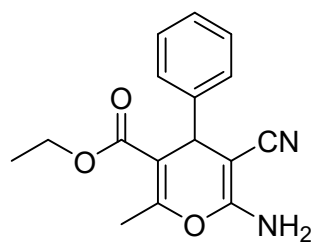
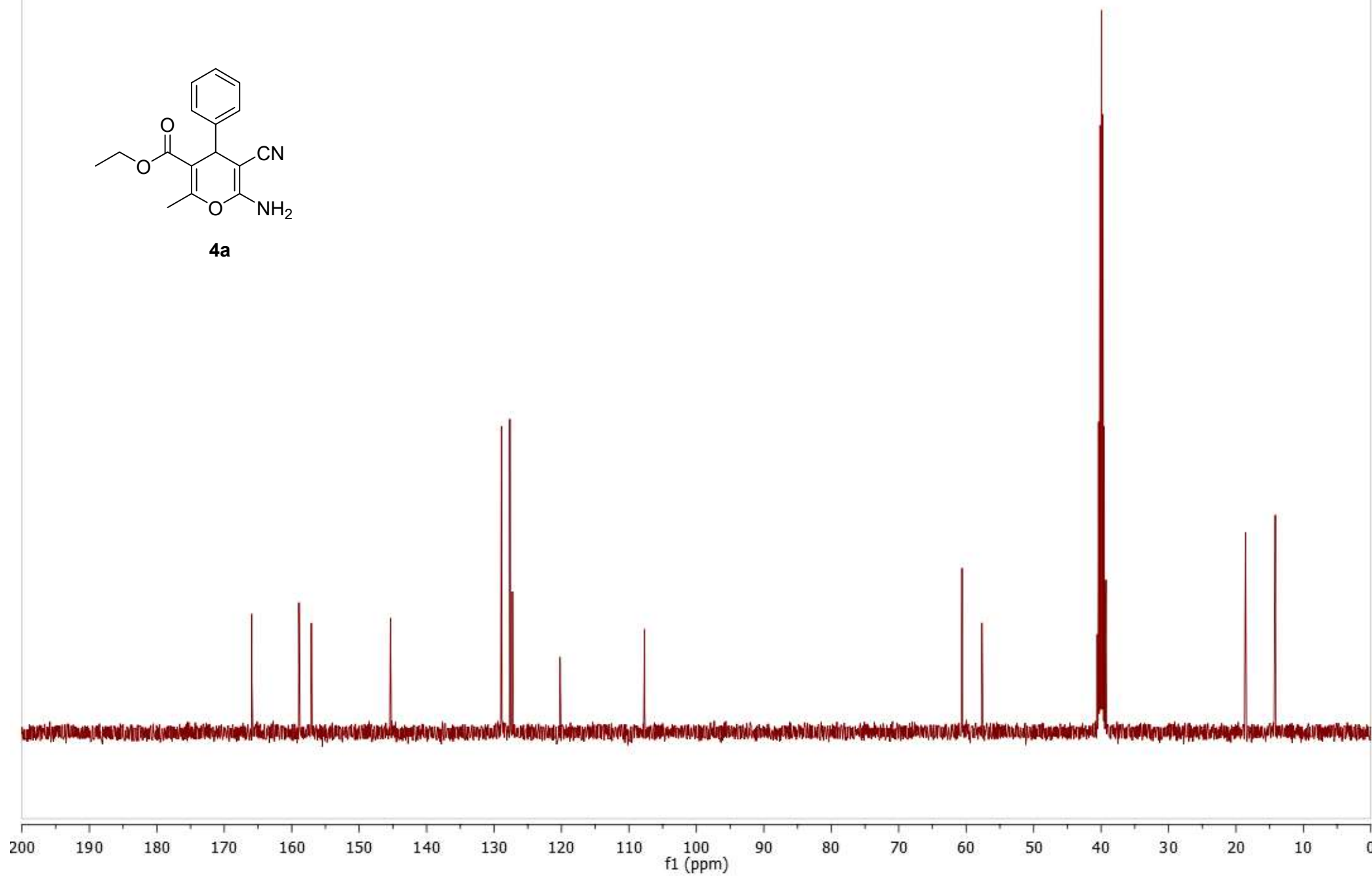
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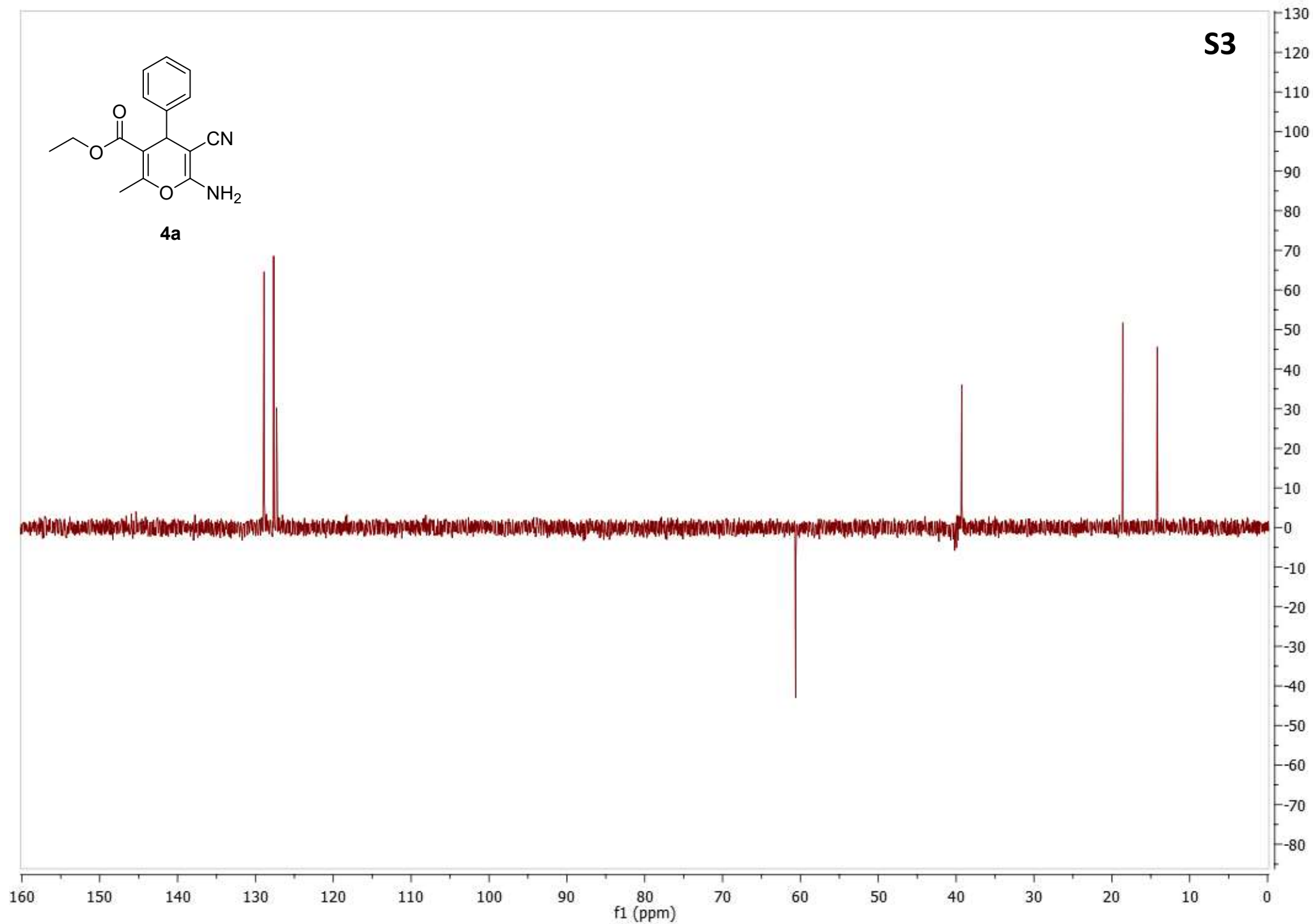


4a

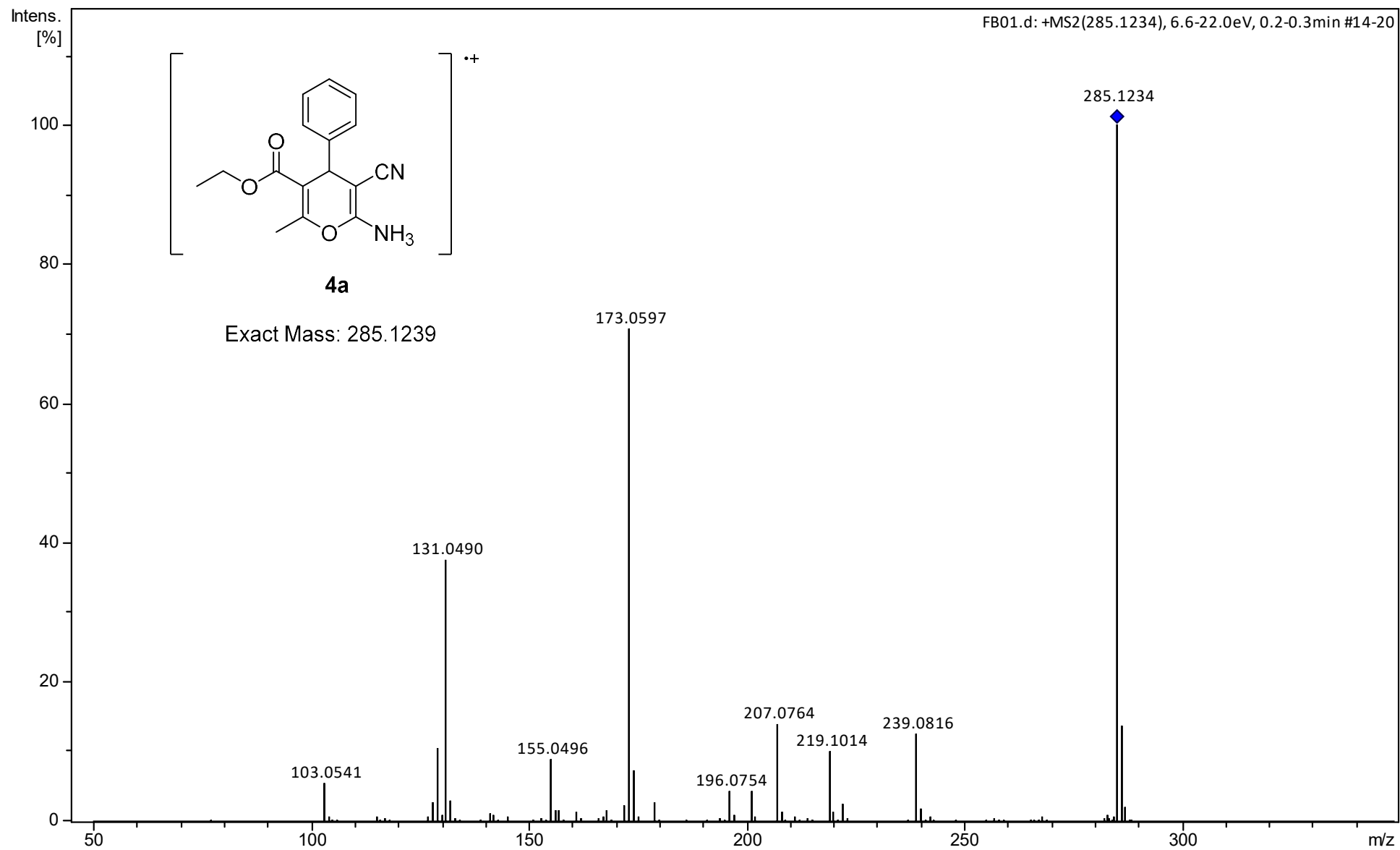


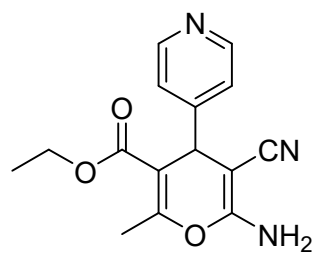
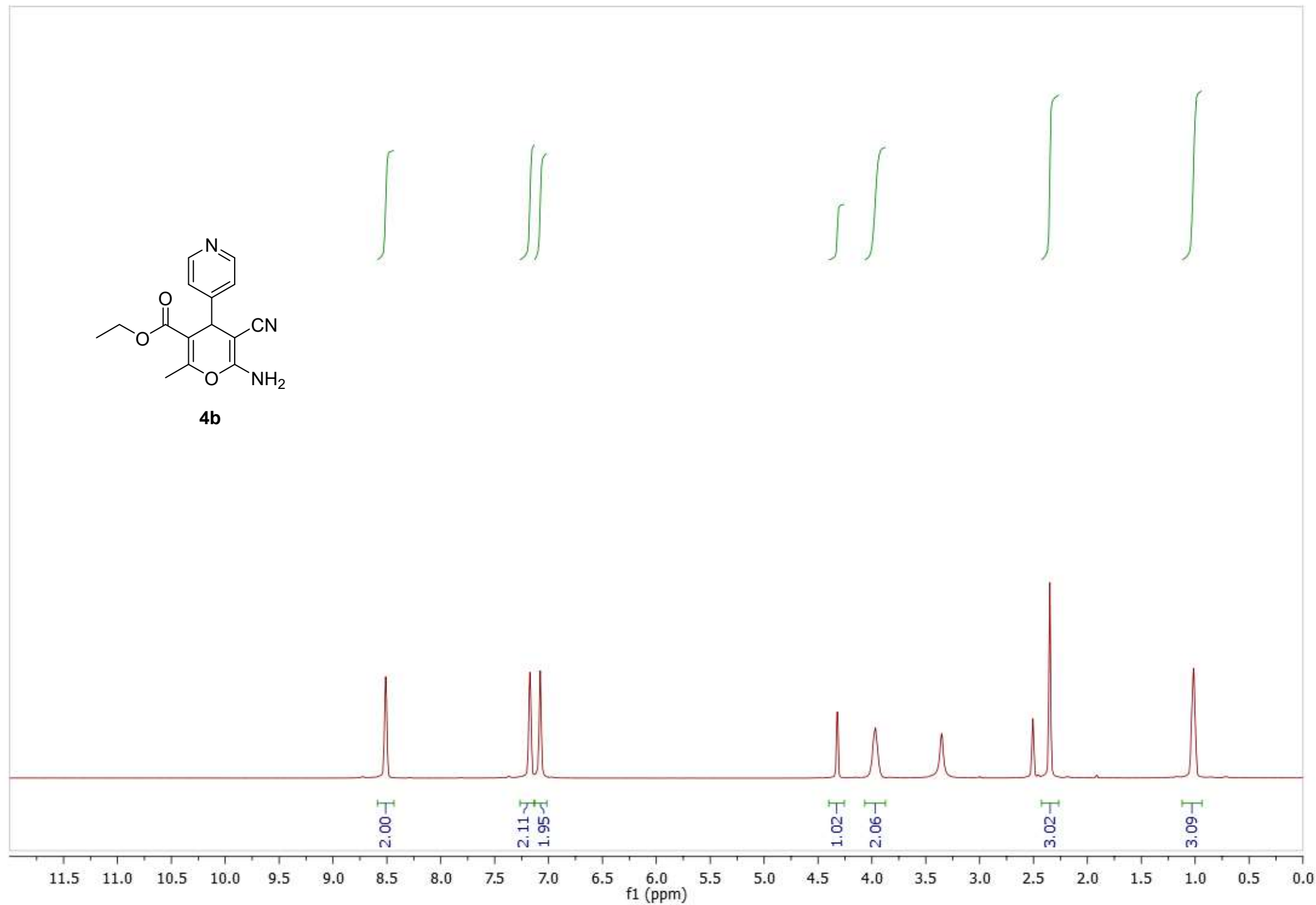
<sup>1</sup>H NMR (DMSO-*d*<sub>6</sub>) 4a

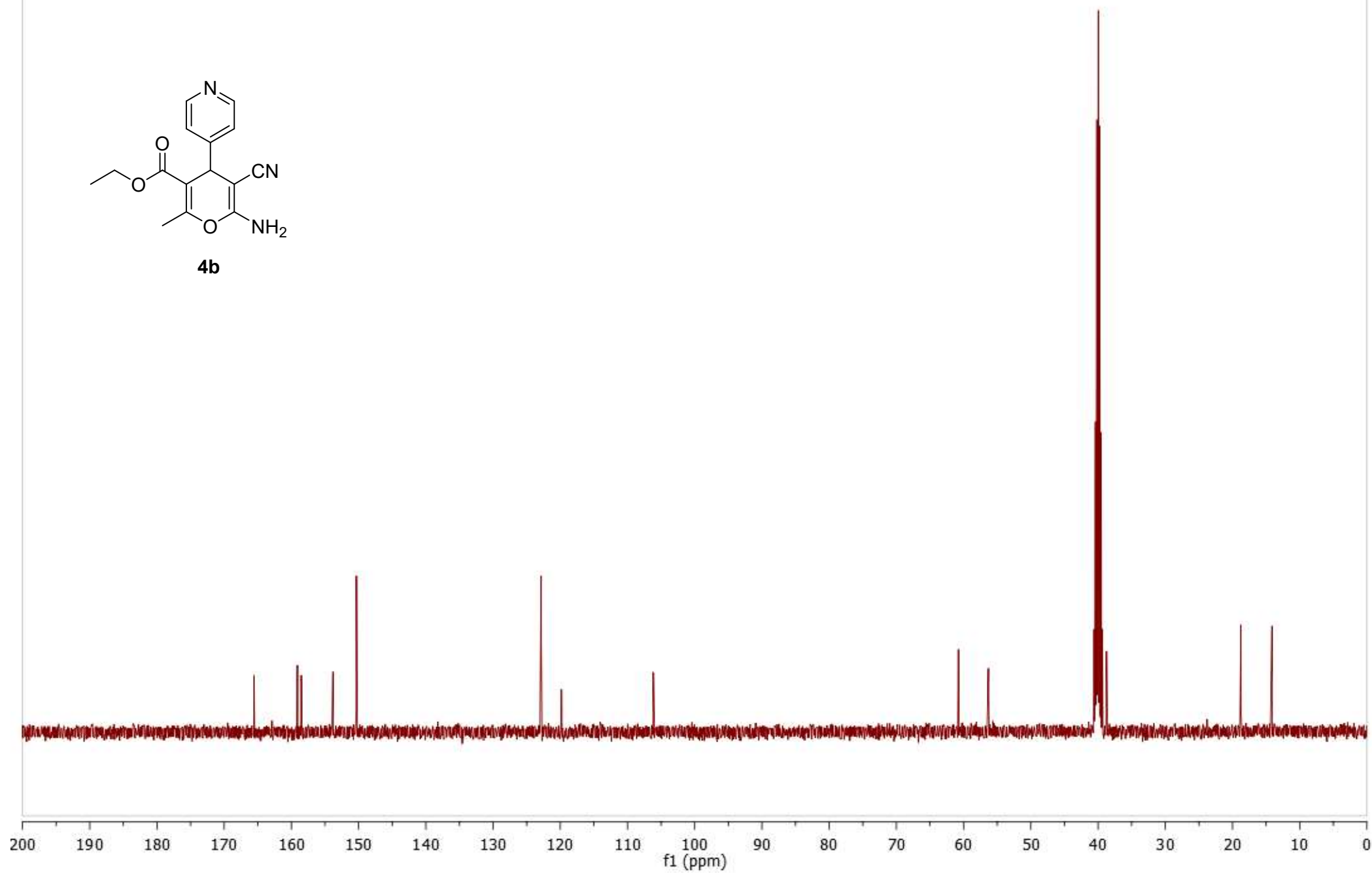
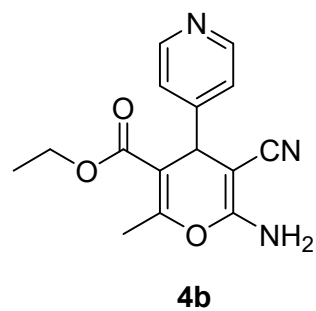
**4a**<sup>13</sup>C NMR (DMSO-*d*<sub>6</sub>) **4a**



$^{13}\text{C}$  NMR APT (DMSO- $d_6$ ) **4a**

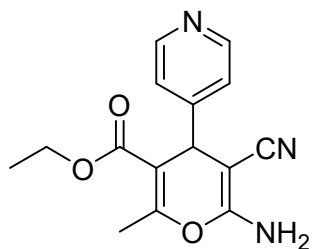
HRMS **4a**

**4b**<sup>1</sup>H NMR (DMSO-*d*<sub>6</sub>) **4b**

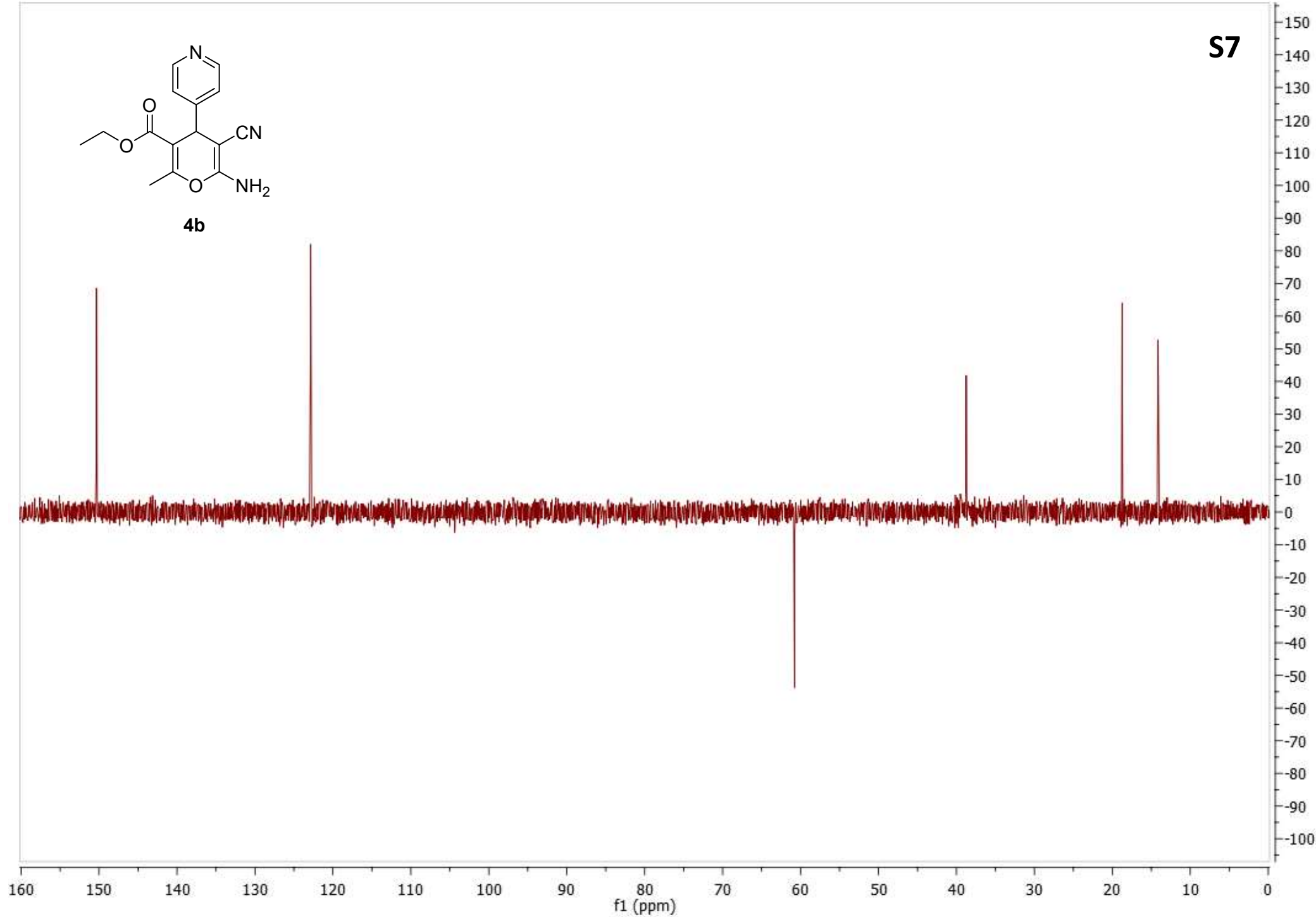


$^{13}\text{C}$  NMR (DMSO- $d_6$ ) **4b**

S7

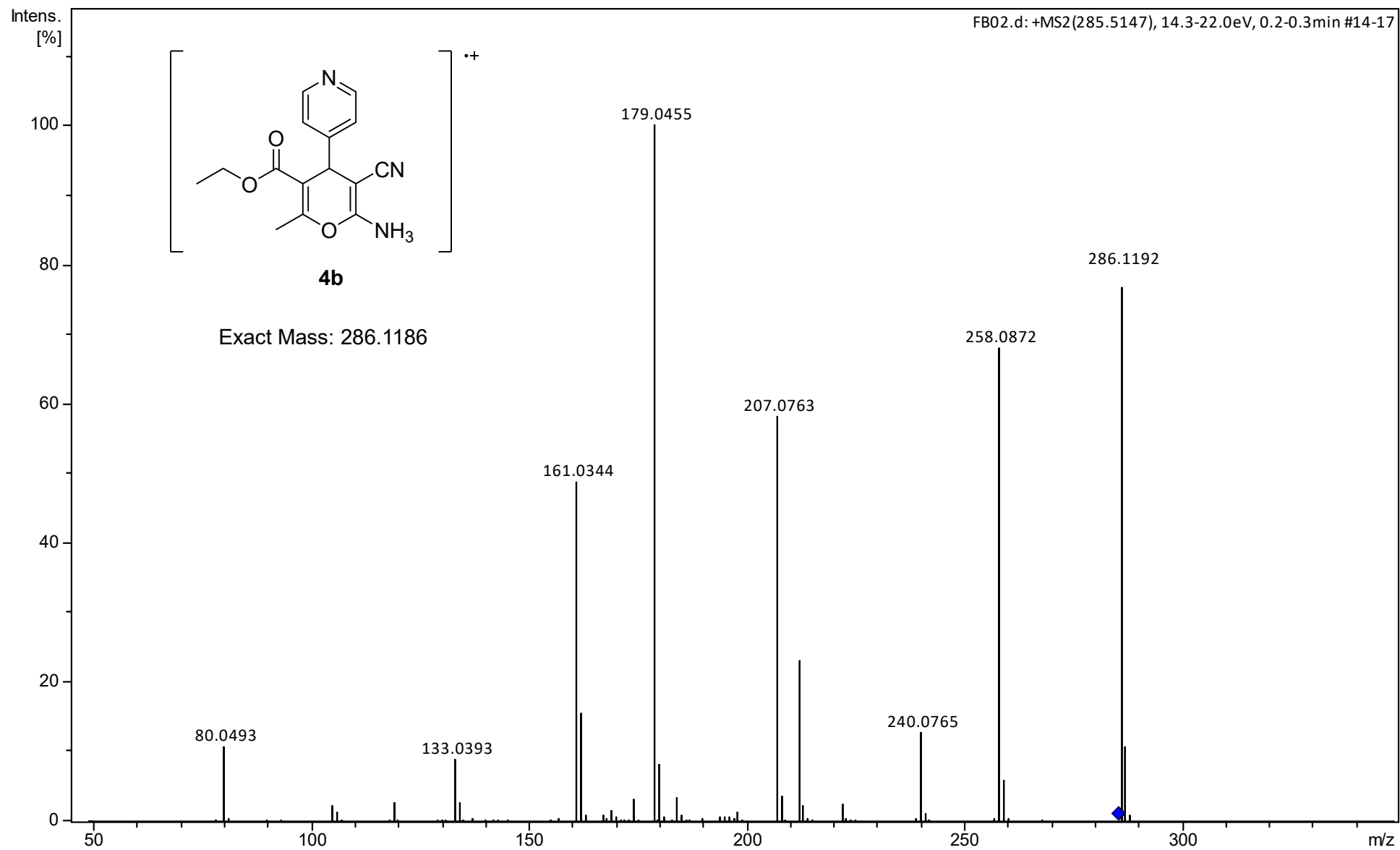


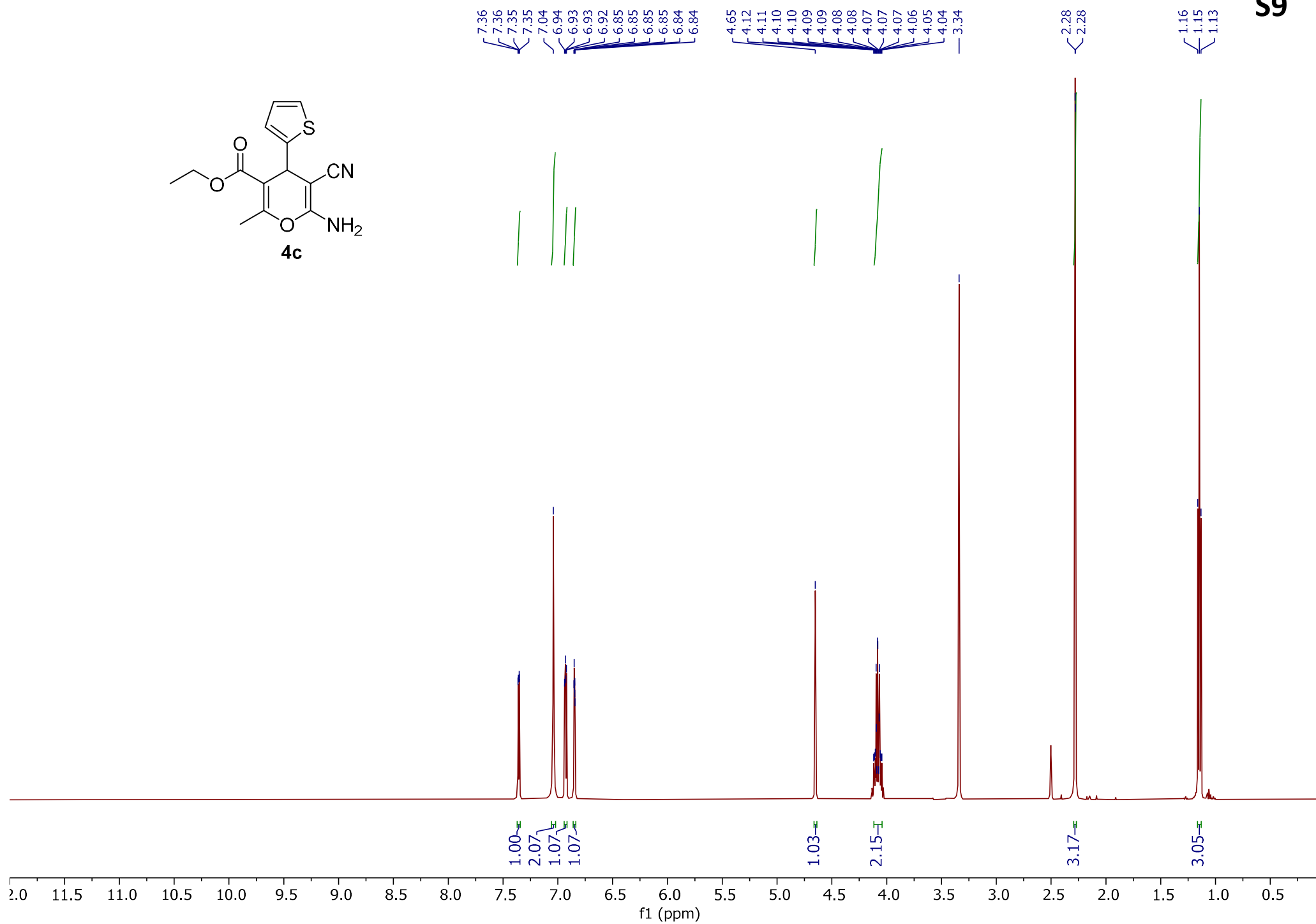
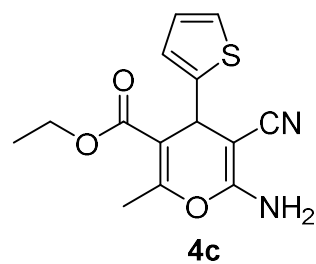
4b



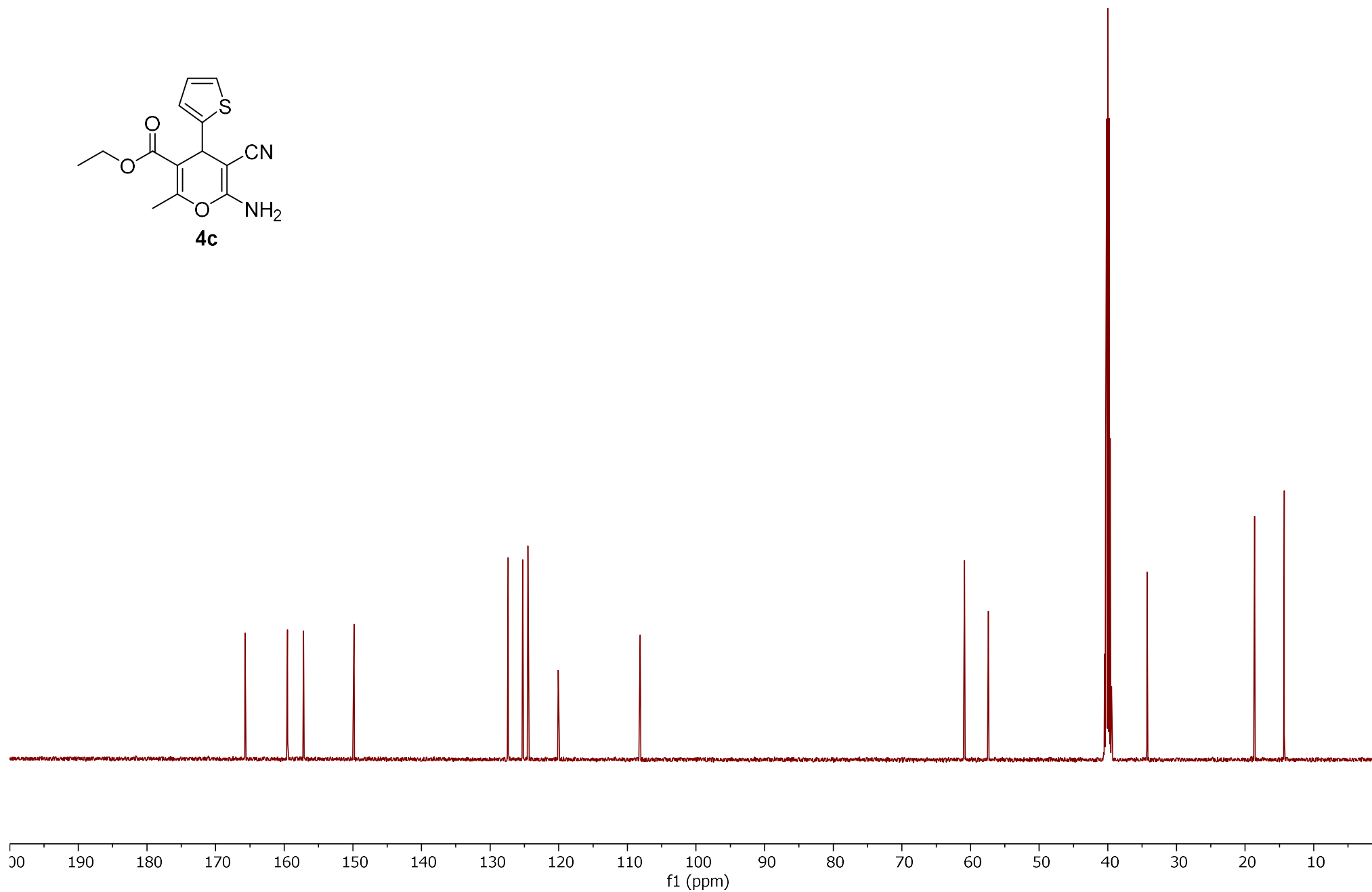
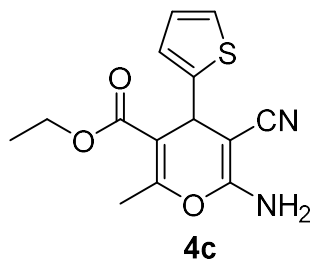
$^{13}\text{C}$  NMR APT (DMSO- $d_6$ ) 4b



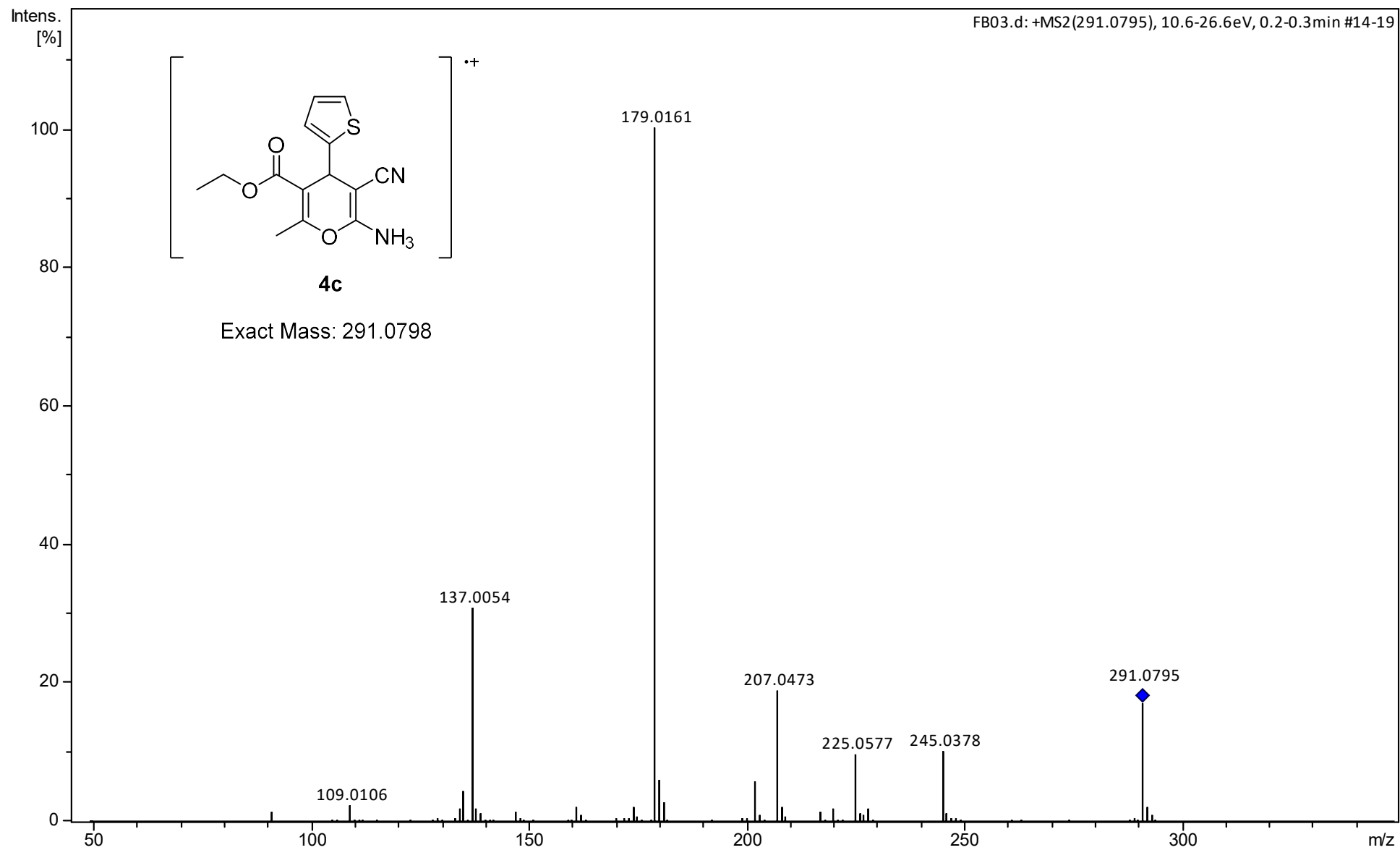
HRMS **4b**

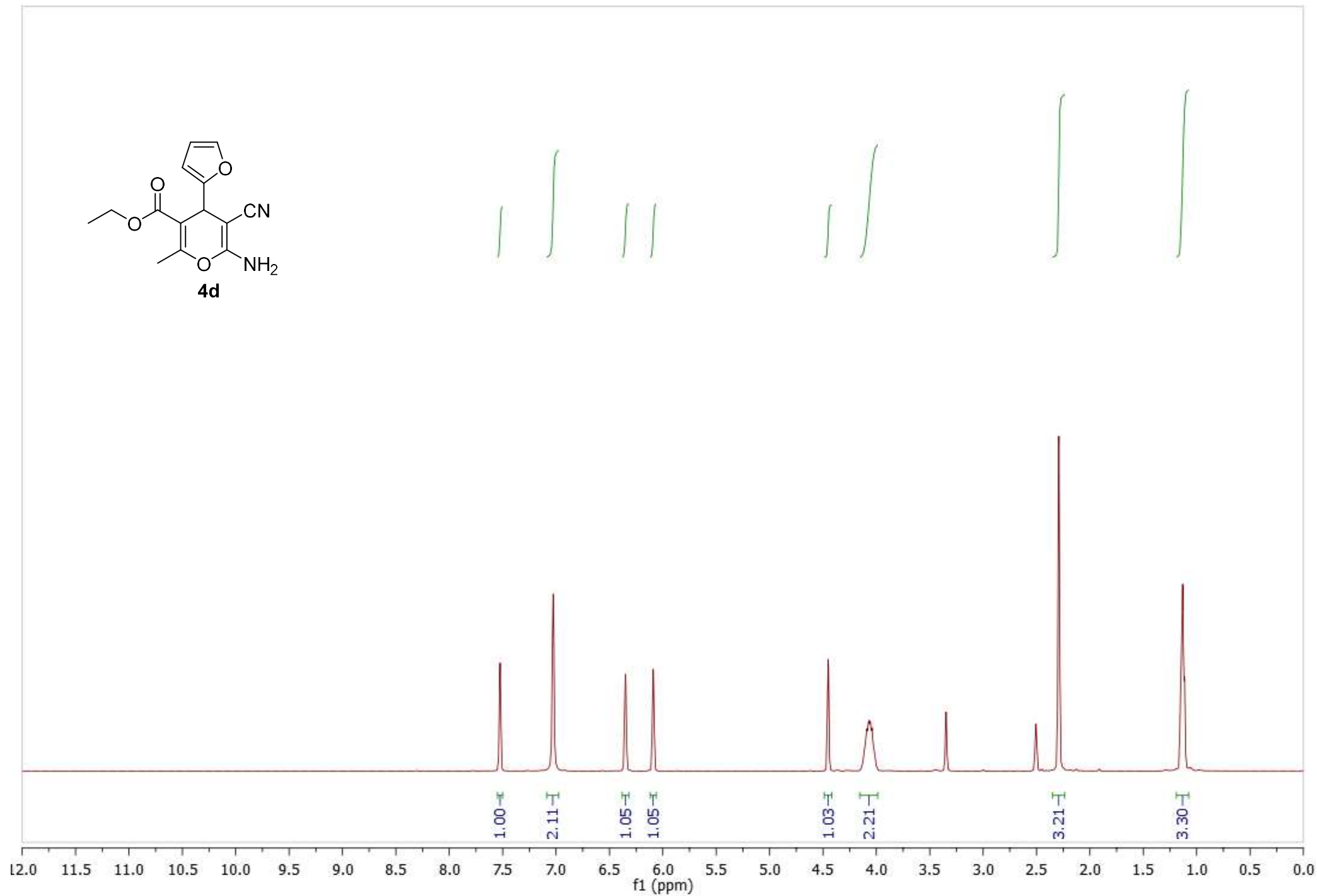
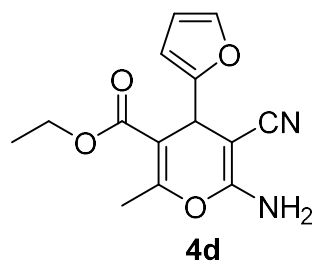


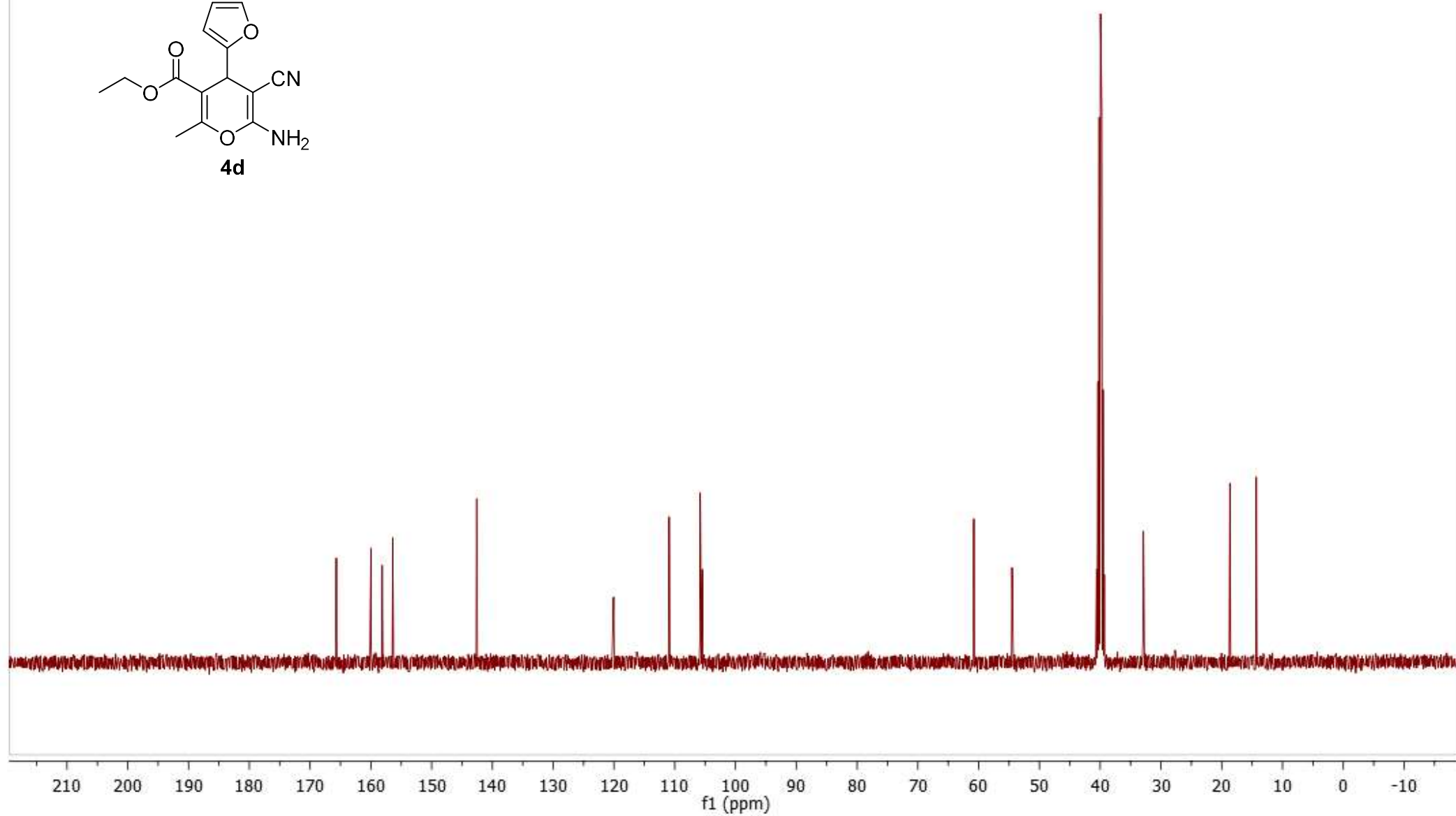
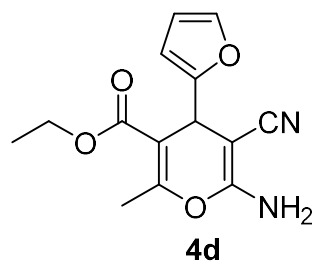
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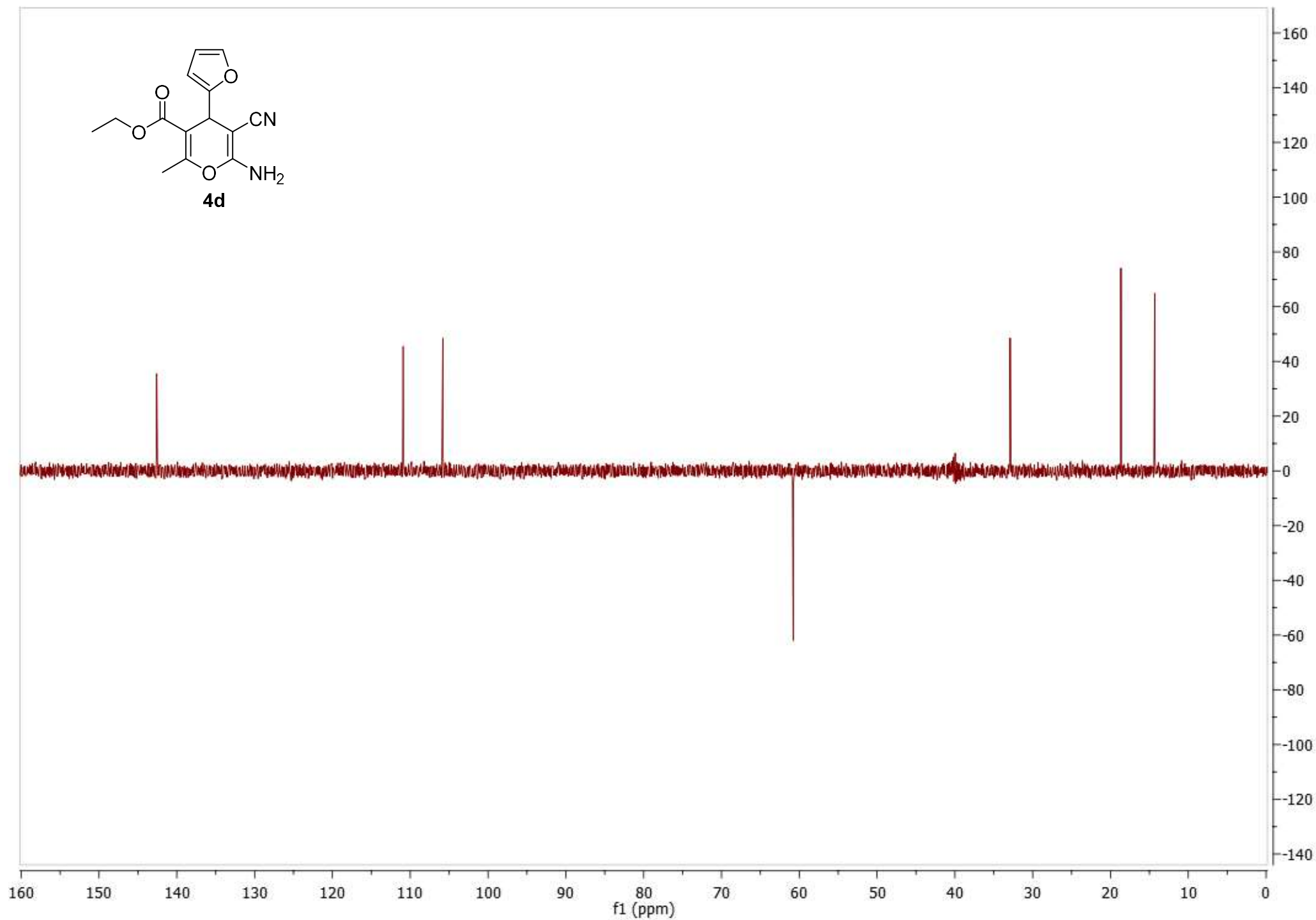
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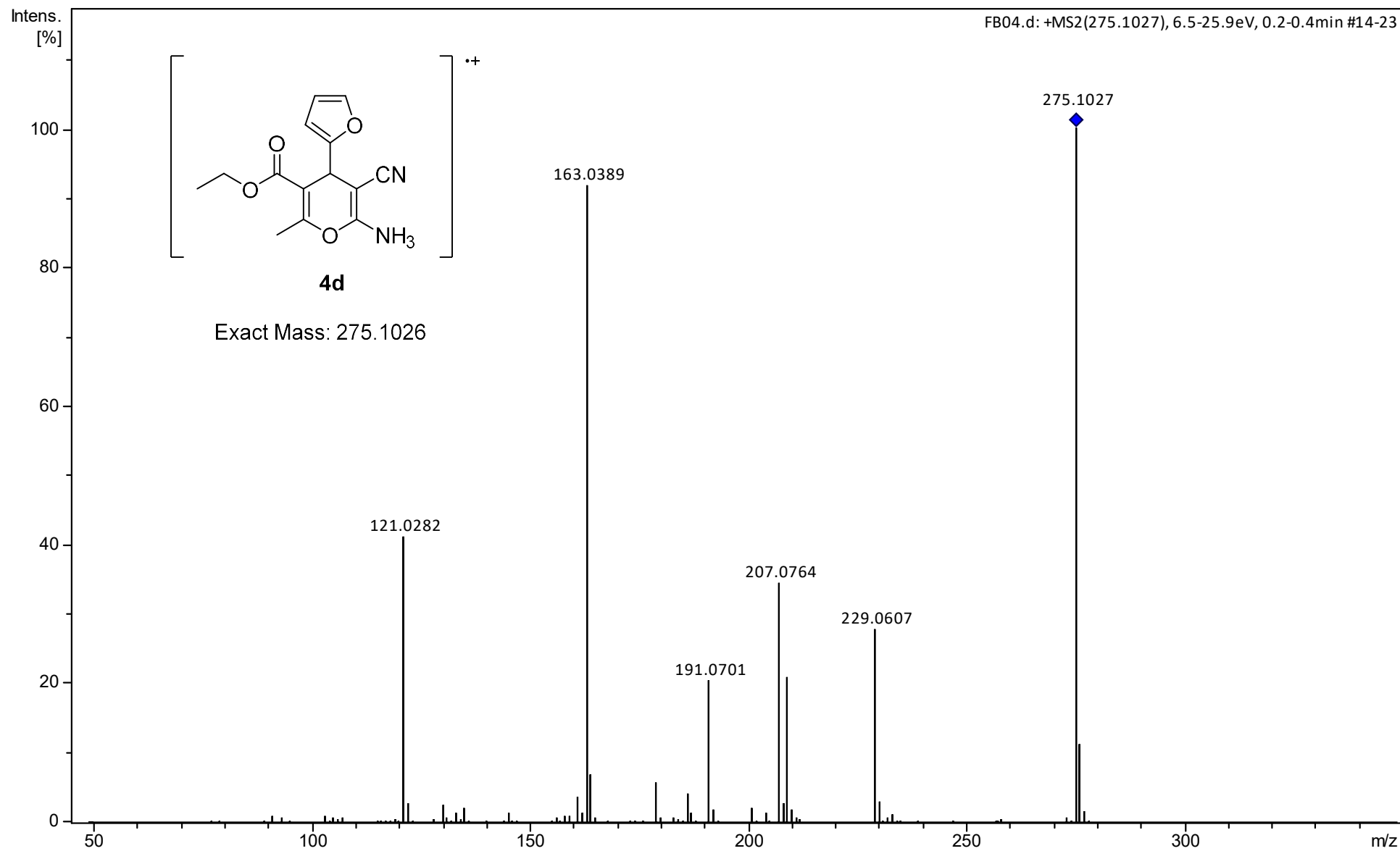
HRMS **4c**

 $^1\text{H}$  NMR (DMSO- $d_6$ ) **4d**

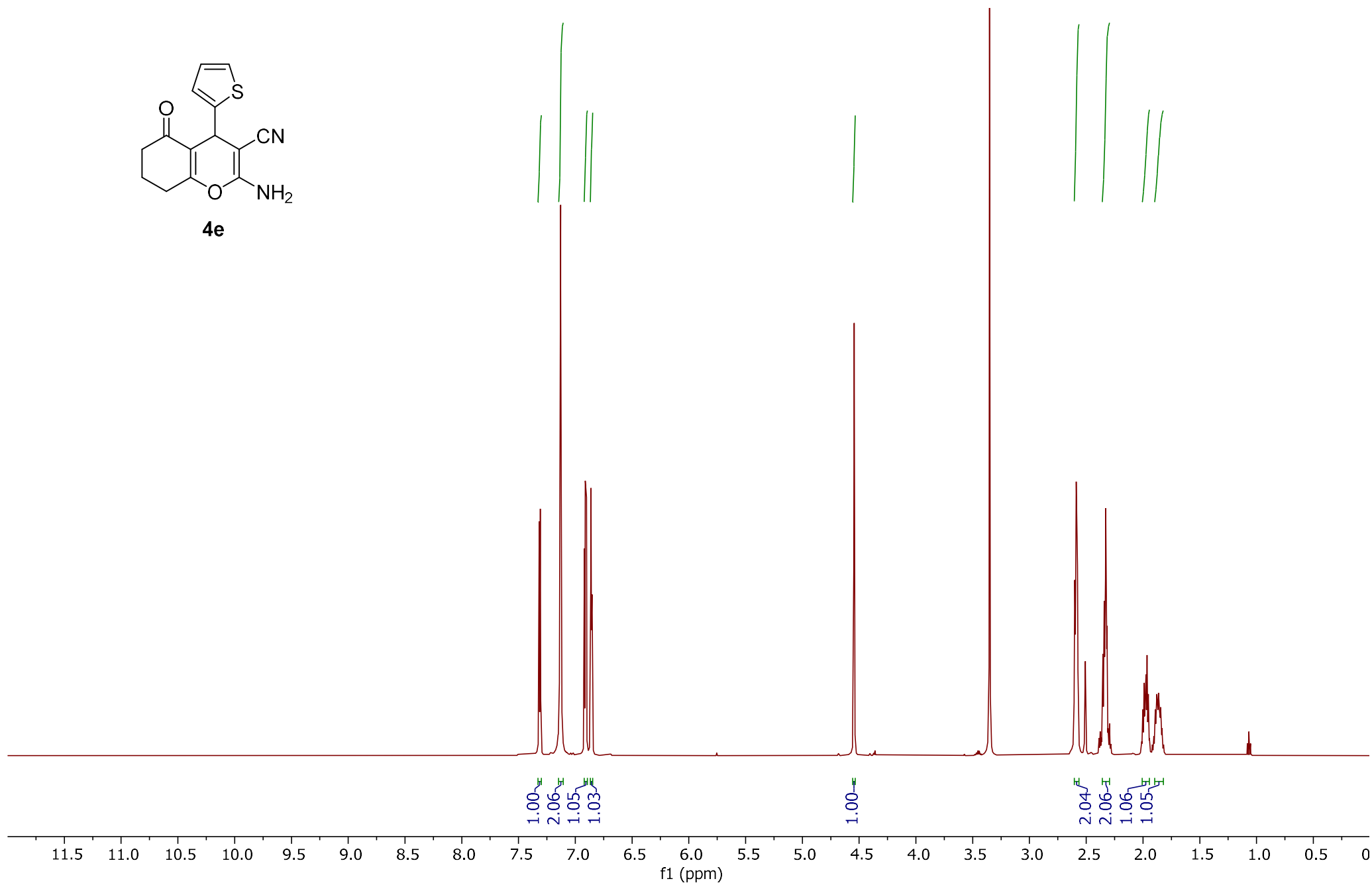
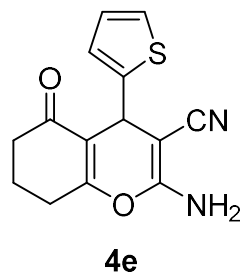


$^{13}\text{C}$  NMR (DMSO- $d_6$ ) **4d**

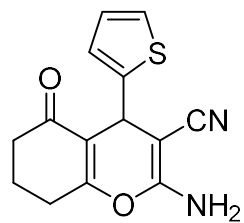
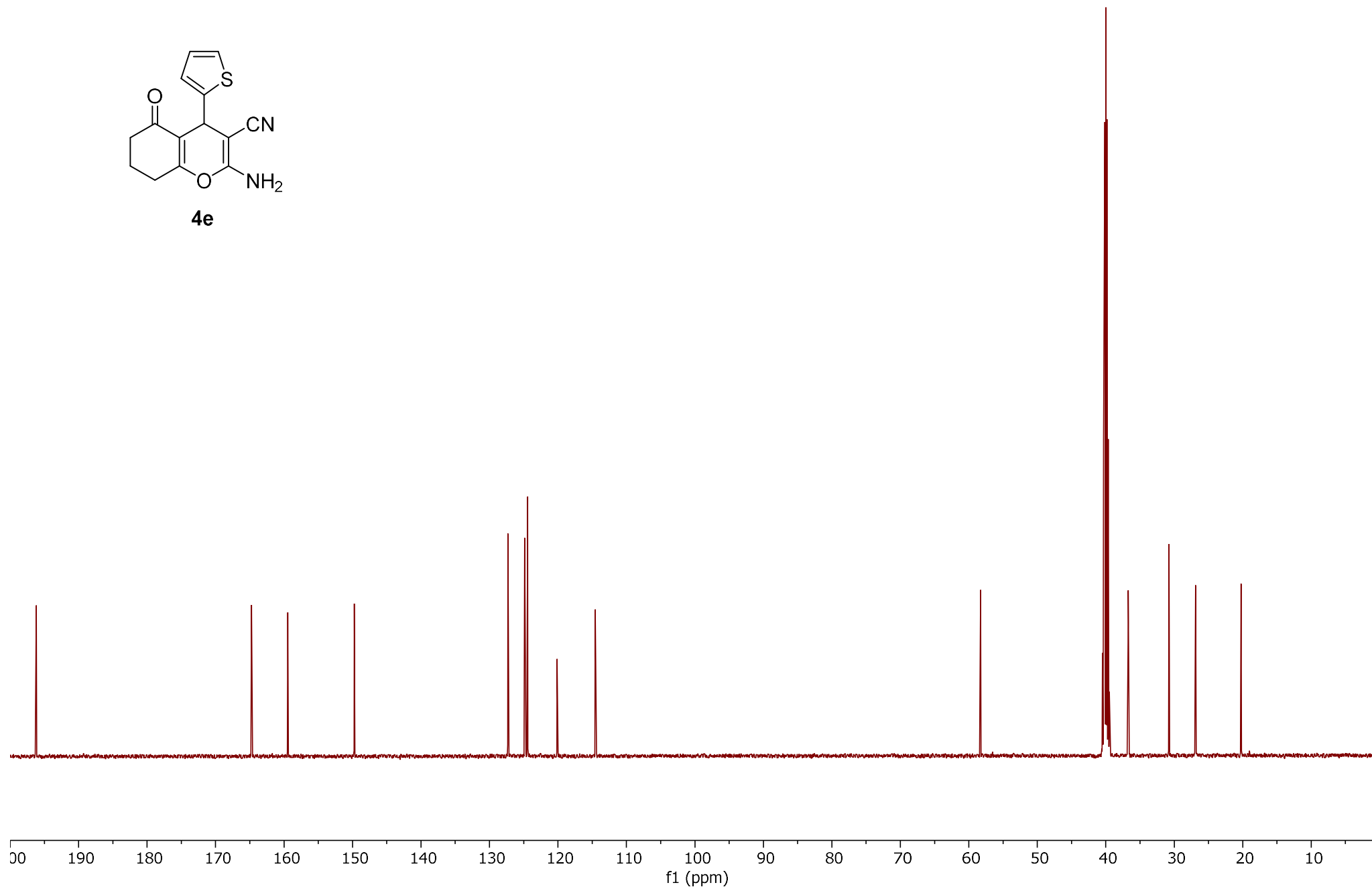
 $^{13}\text{C}$  NMR APT (DMSO- $d_6$ ) **4d**

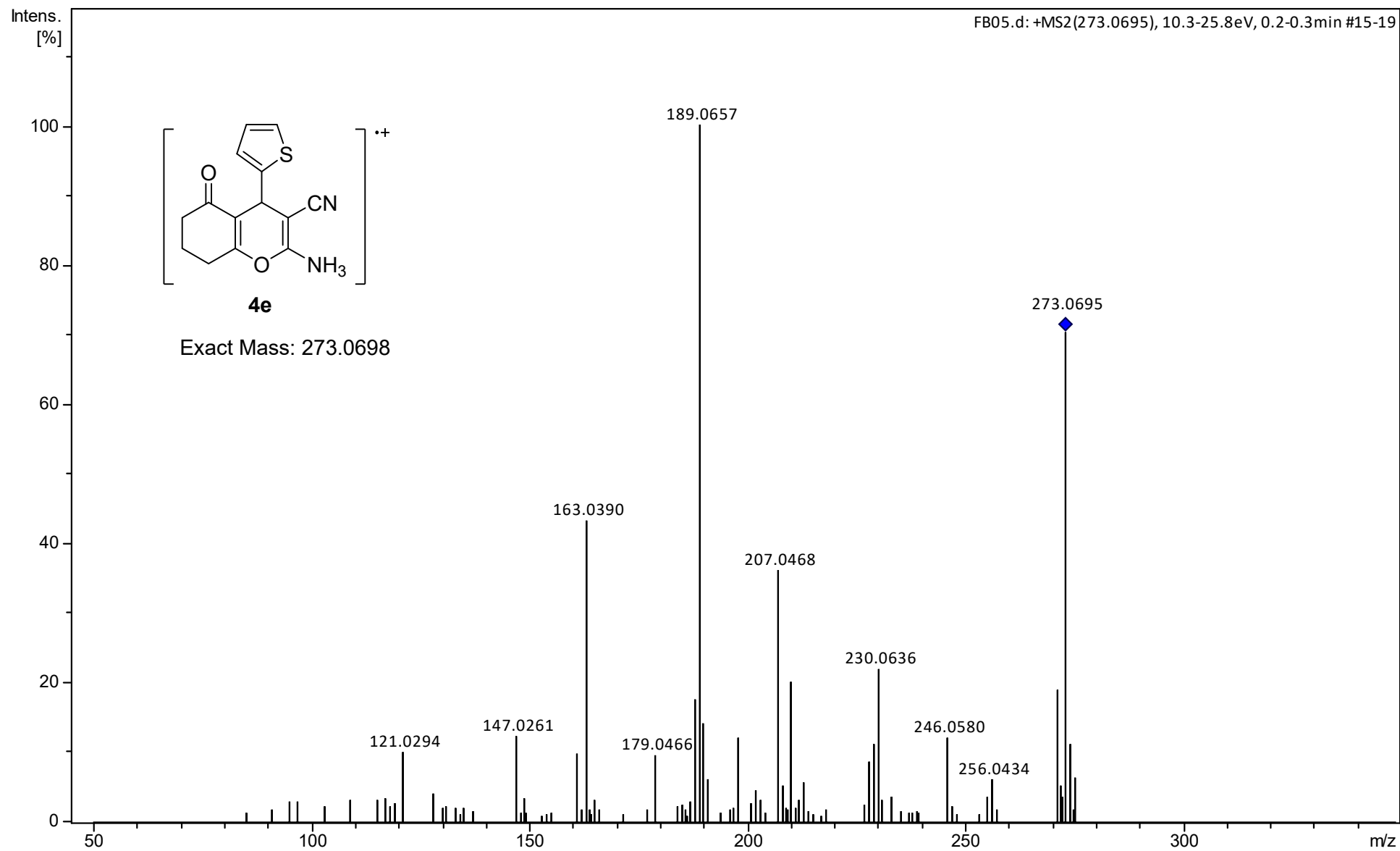
HRMS **4d**

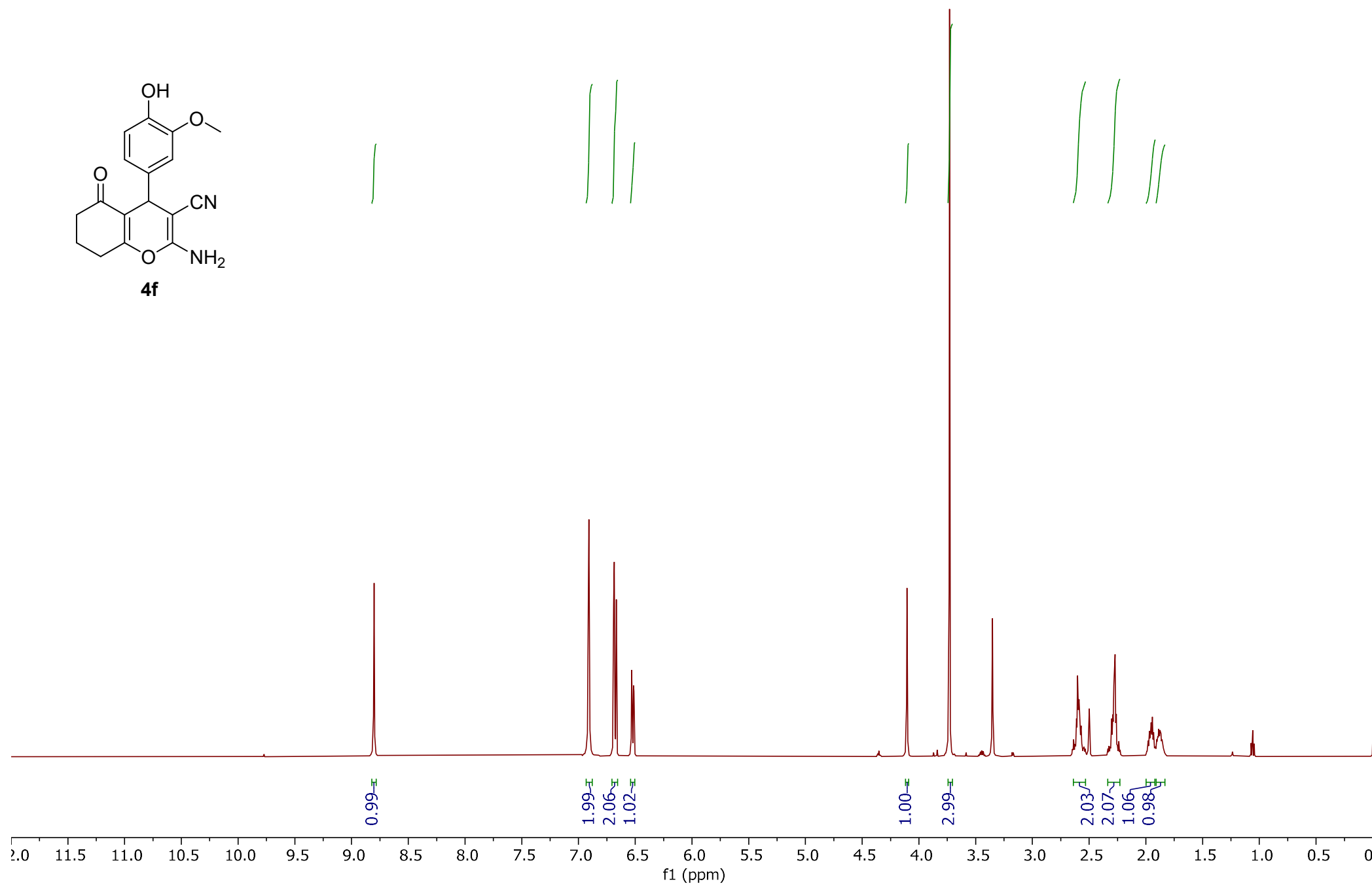
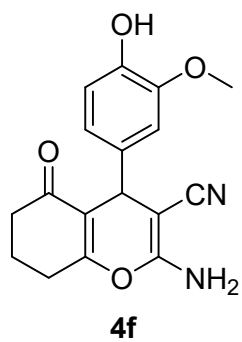




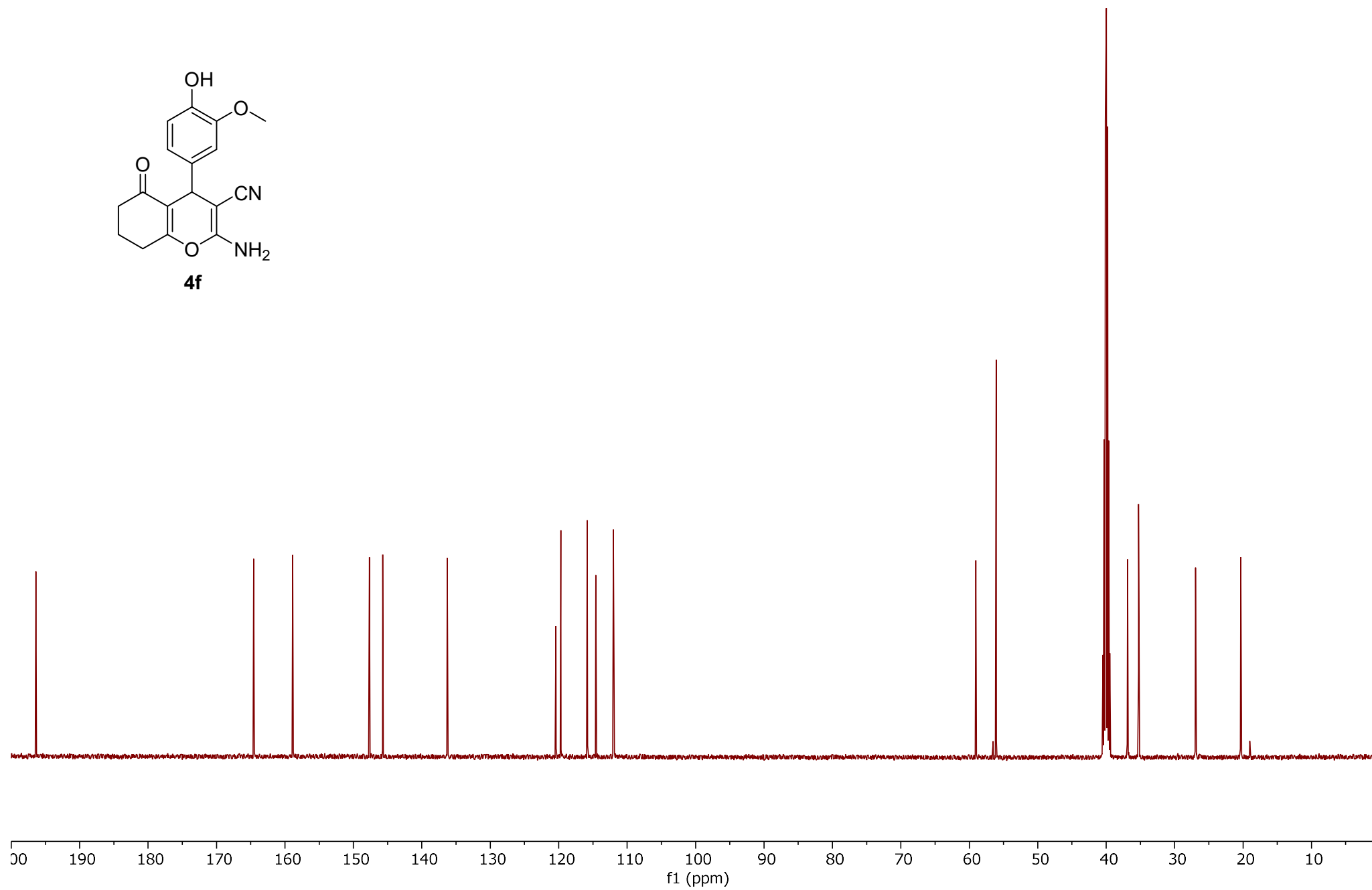
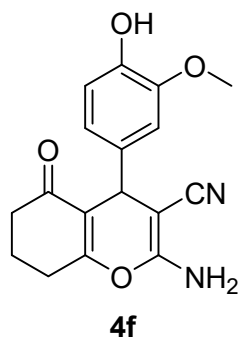
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**4e**<sup>13</sup>C NMR (DMSO-*d*<sub>6</sub>) **4e**

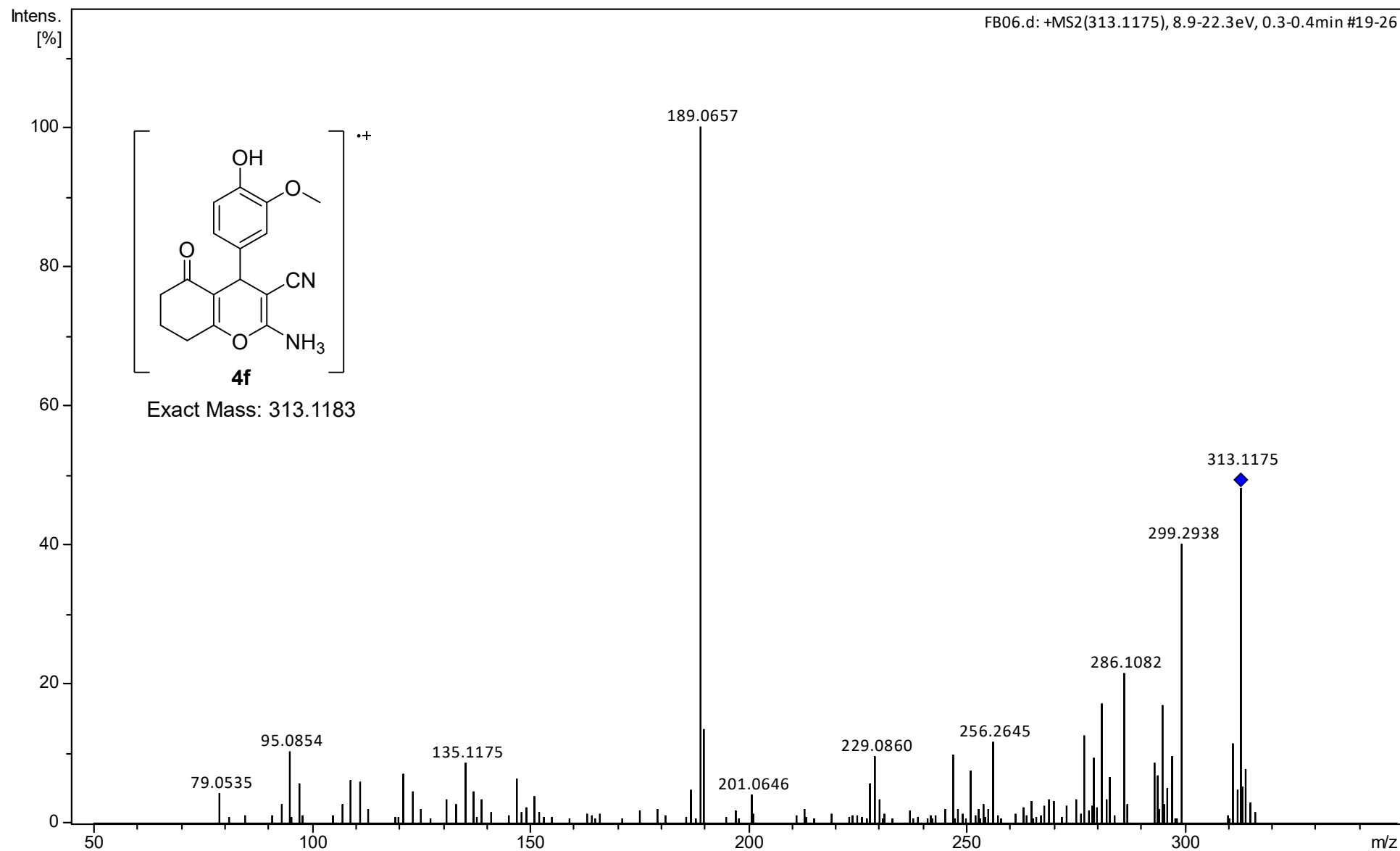
HRMS **4e**

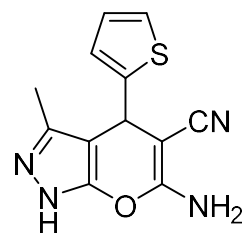
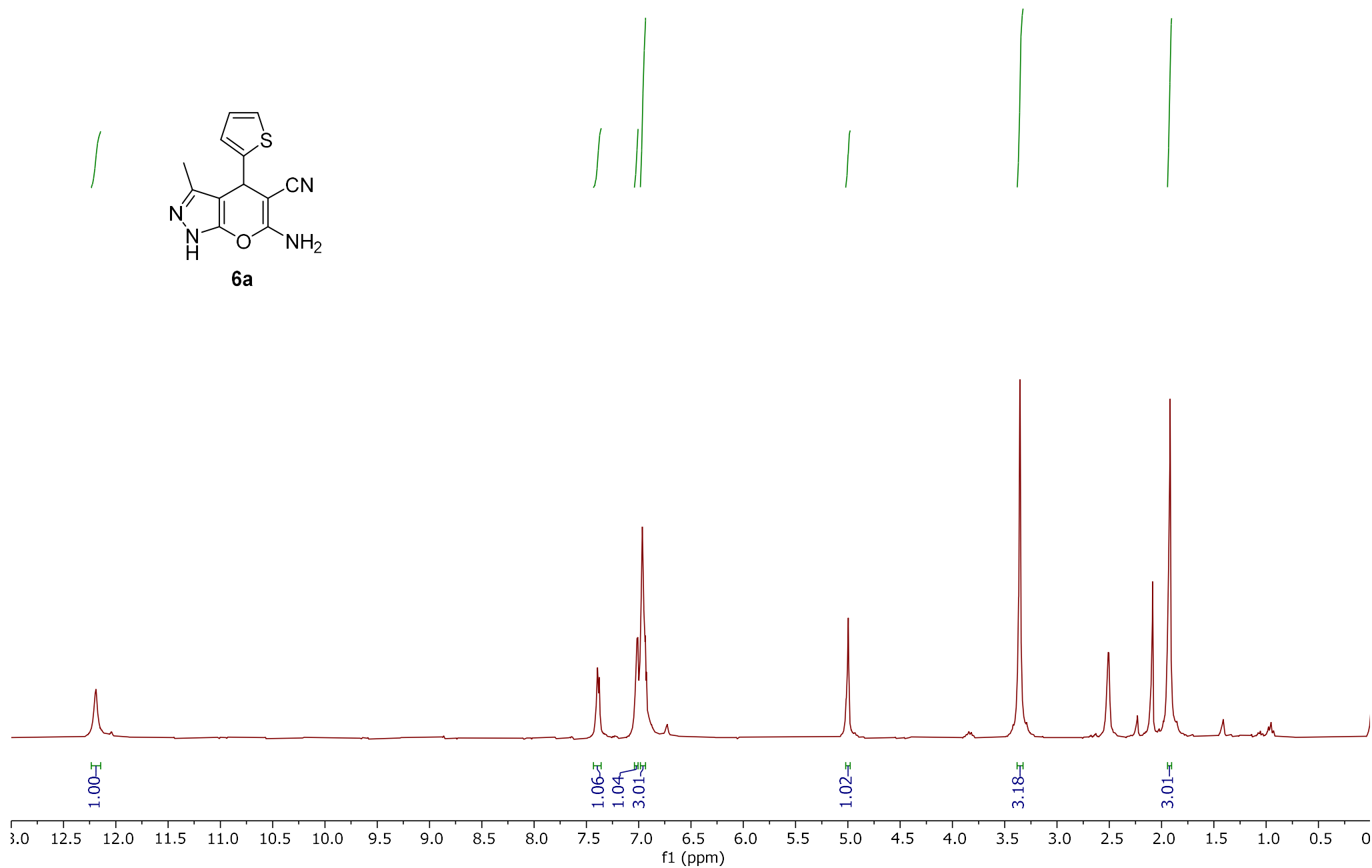


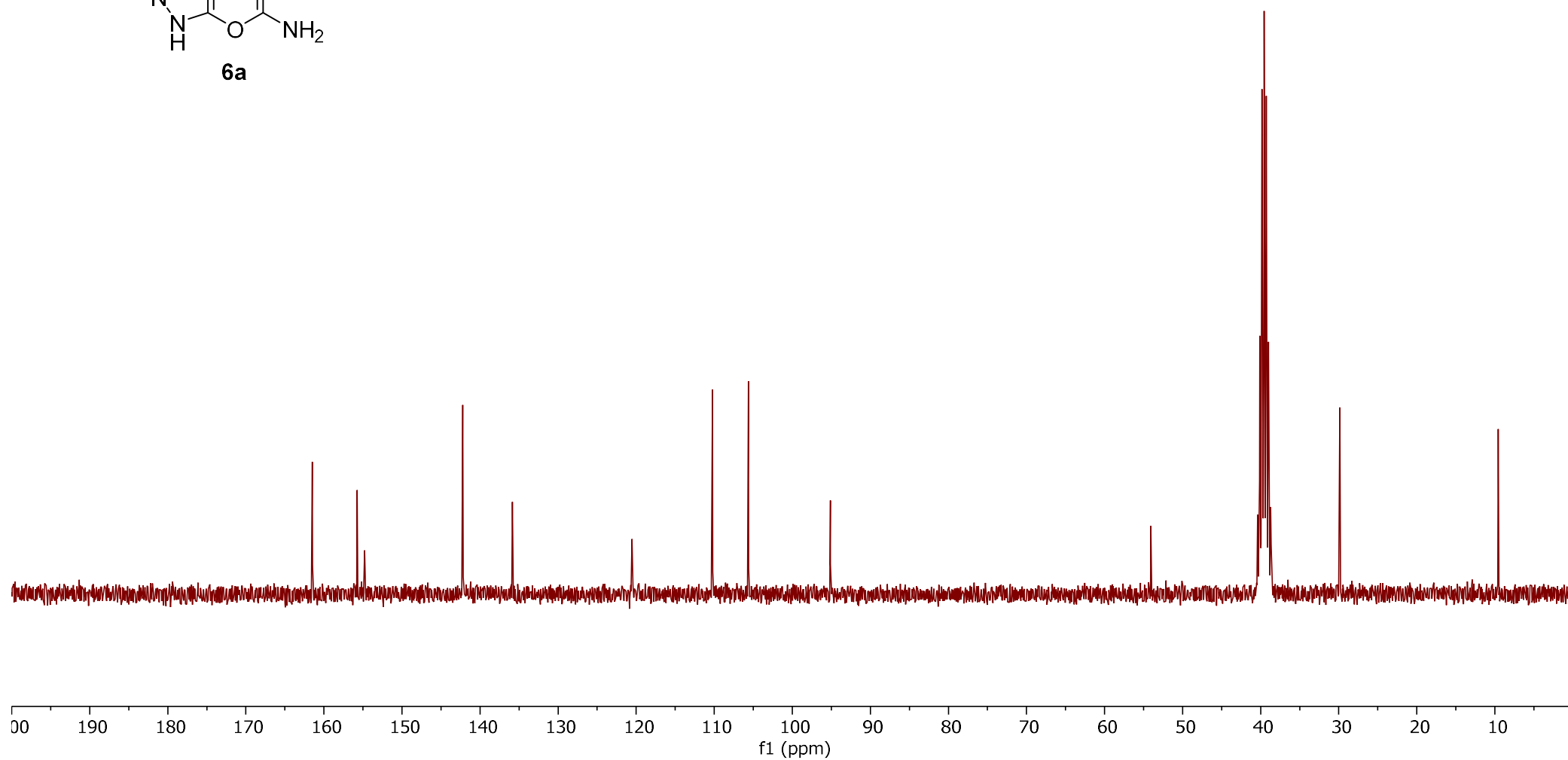
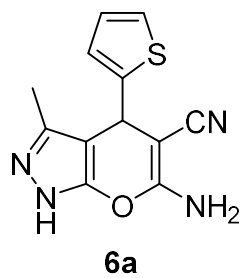
<sup>1</sup>H NMR (DMSO-*d*<sub>6</sub>) **4f**



<sup>13</sup>C NMR (DMSO-*d*<sub>6</sub>) **4f**

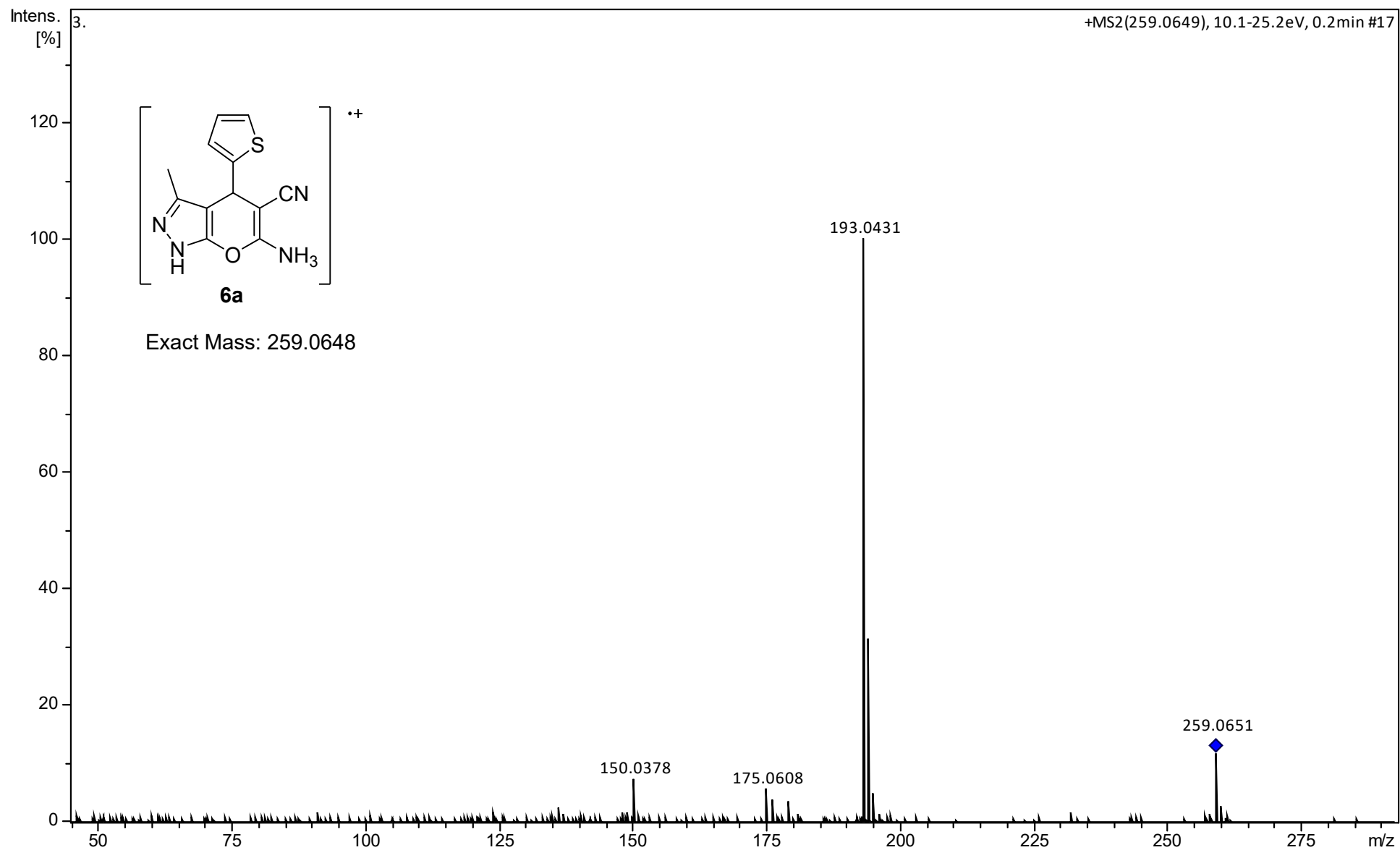
HRMS **4f**

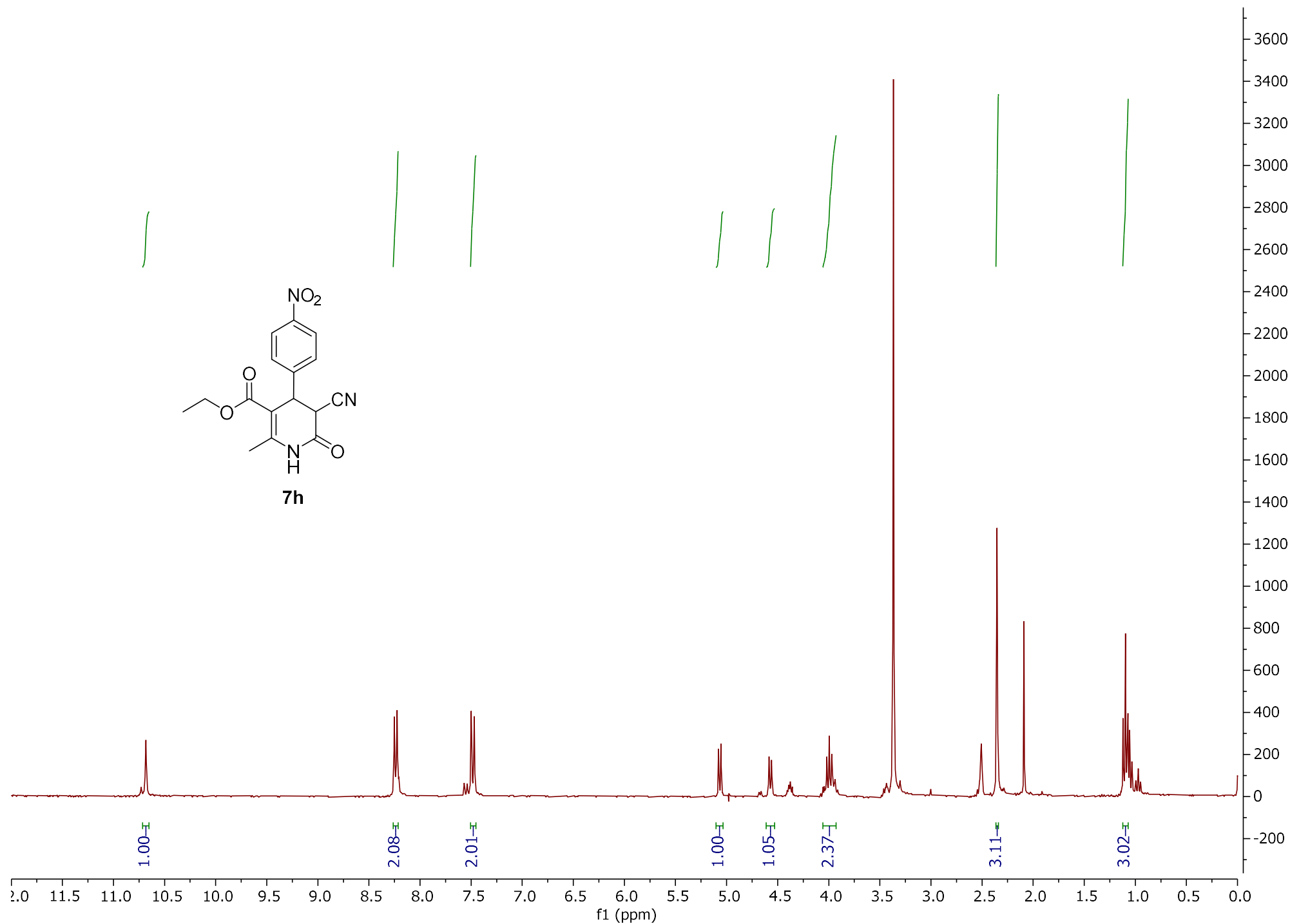
**6a****<sup>1</sup>H NMR (DMSO-*d*<sub>6</sub>) 6a**

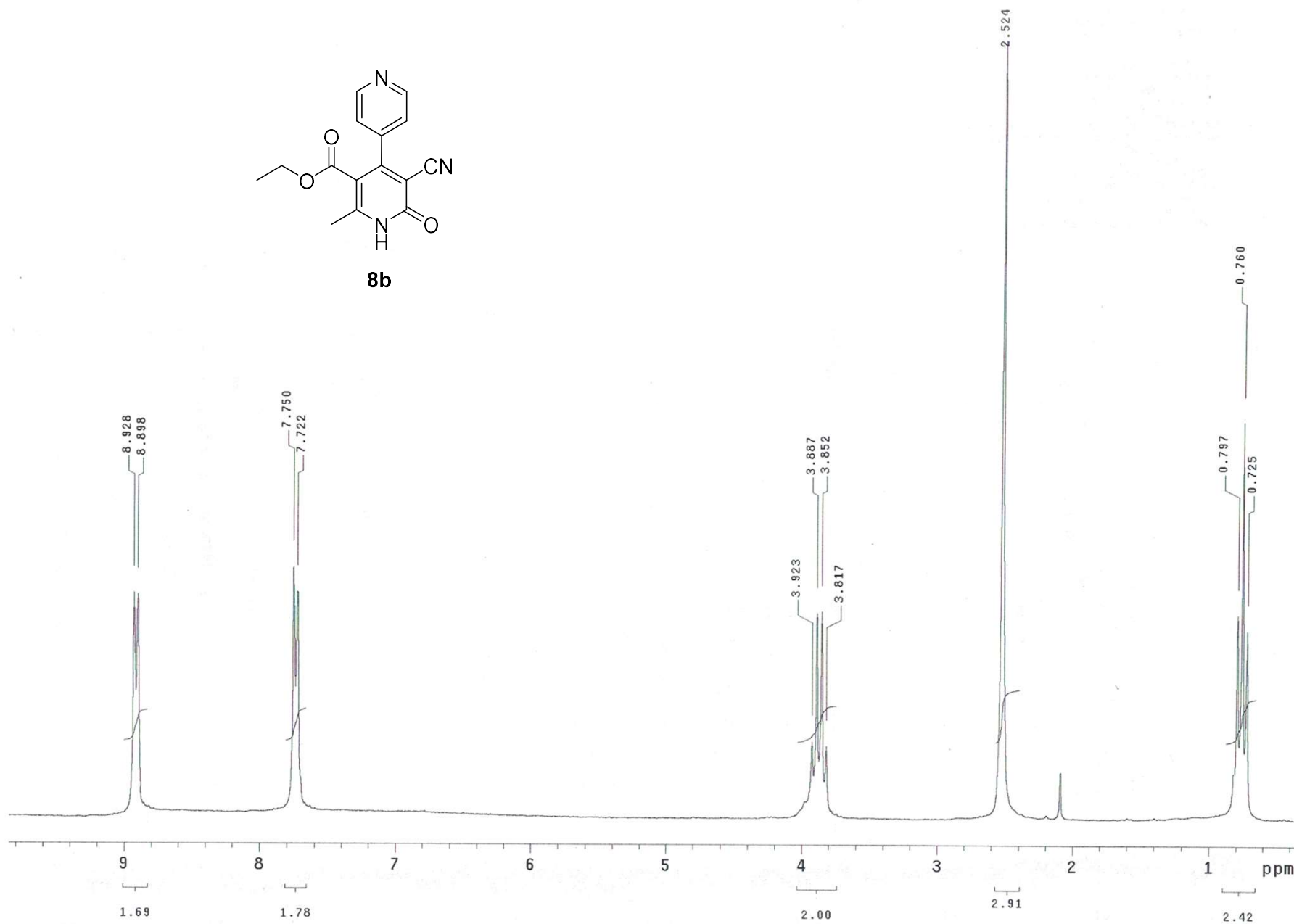
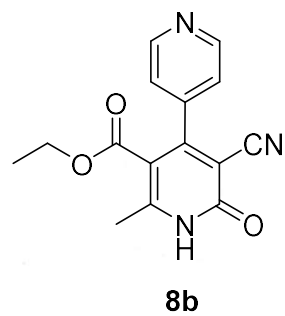


<sup>13</sup>C NMR (DMSO-*d*<sub>6</sub>) **6a**

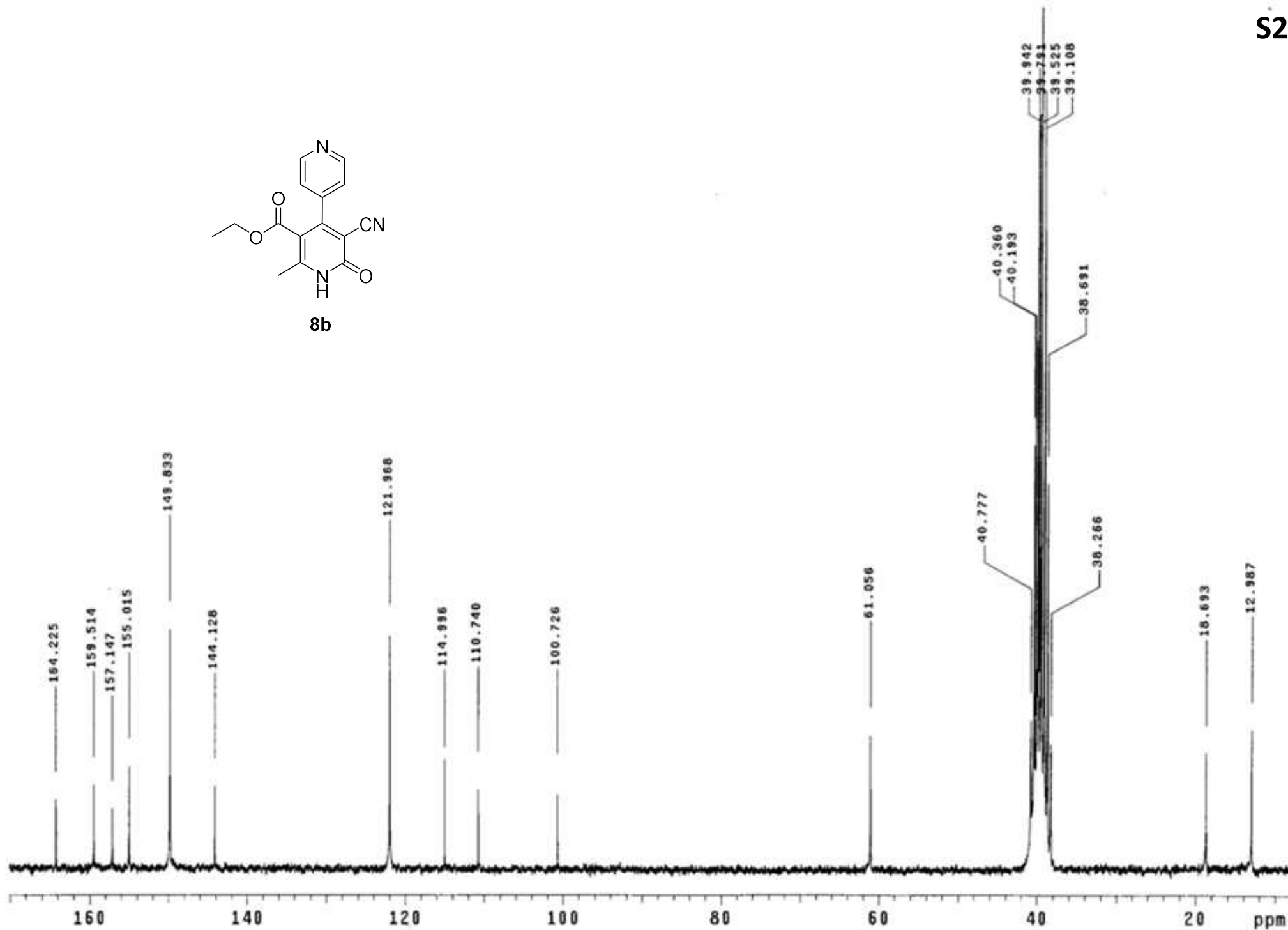
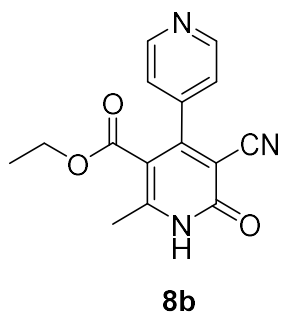


HRMS **6a**

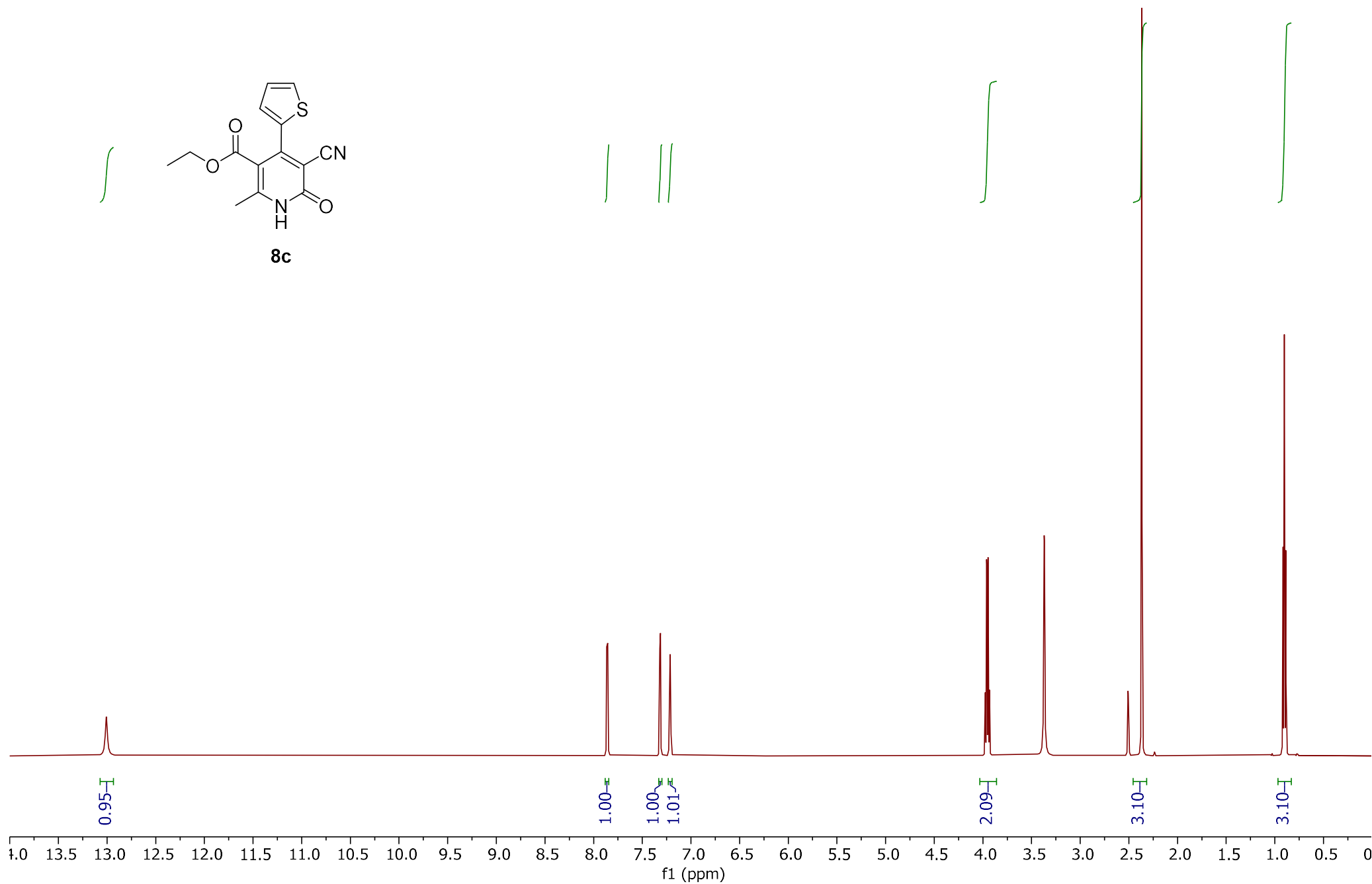
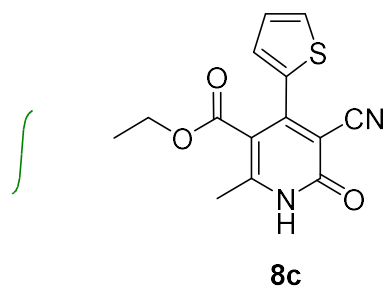
 $^1\text{H}$  NMR (DMSO- $d_6$ ) **7h**

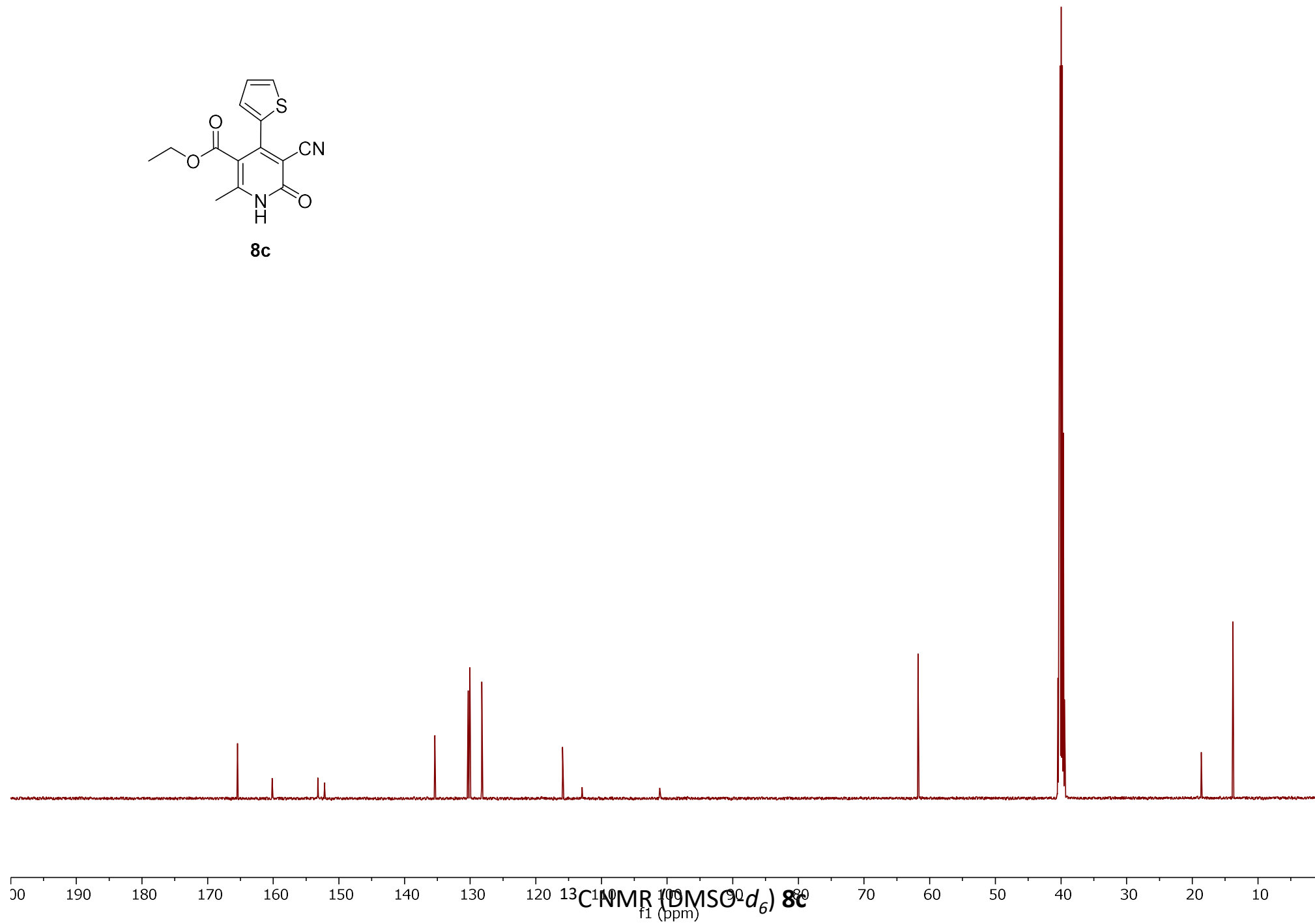
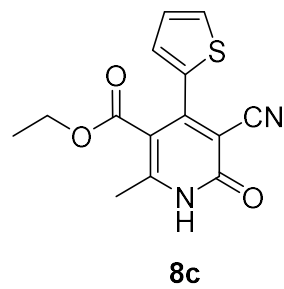


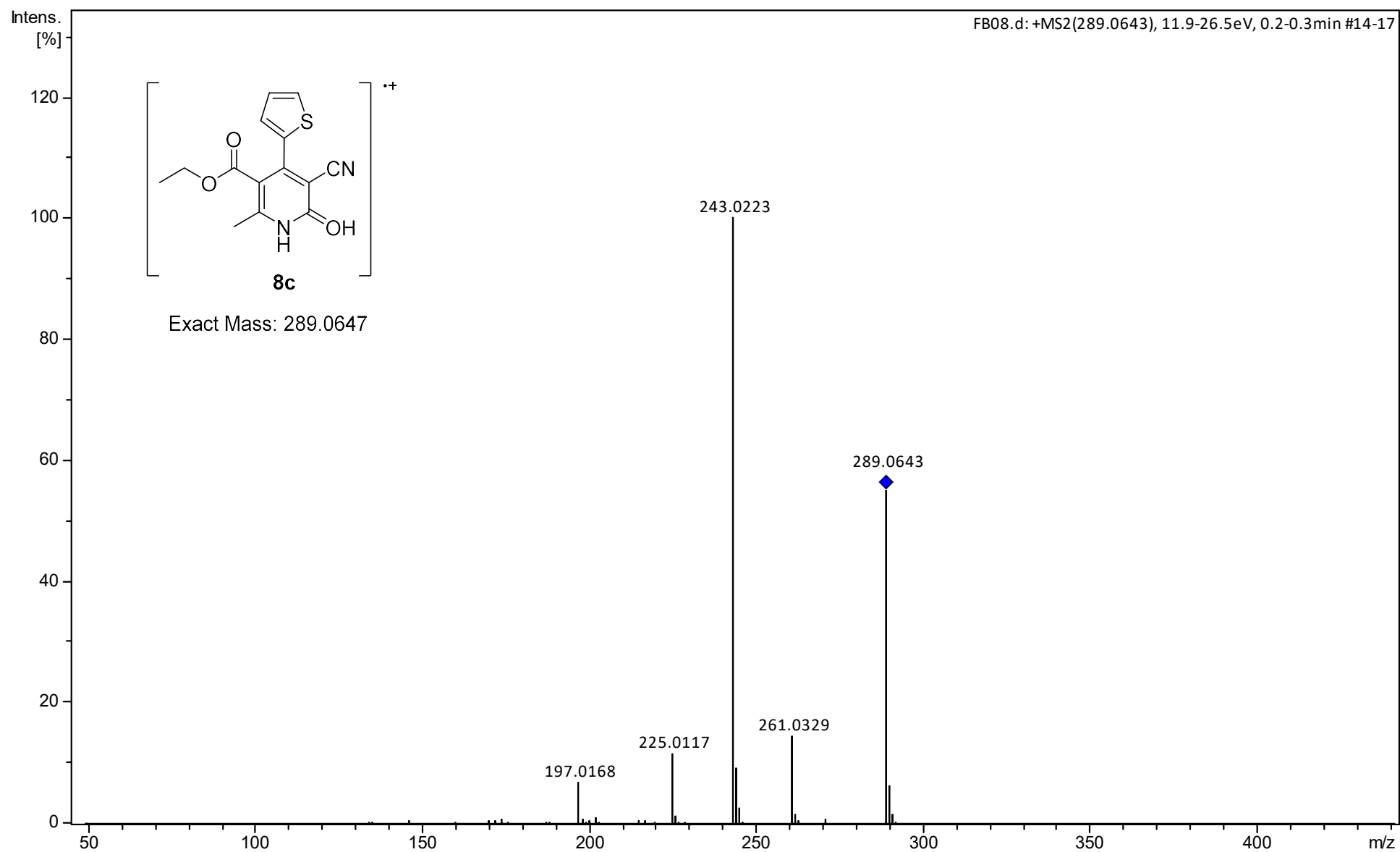
$^1\text{H}$  NMR (DMSO- $d_6$ ) **8b**

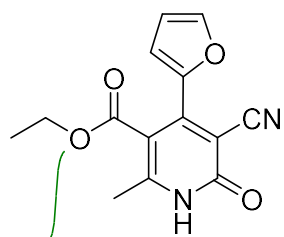
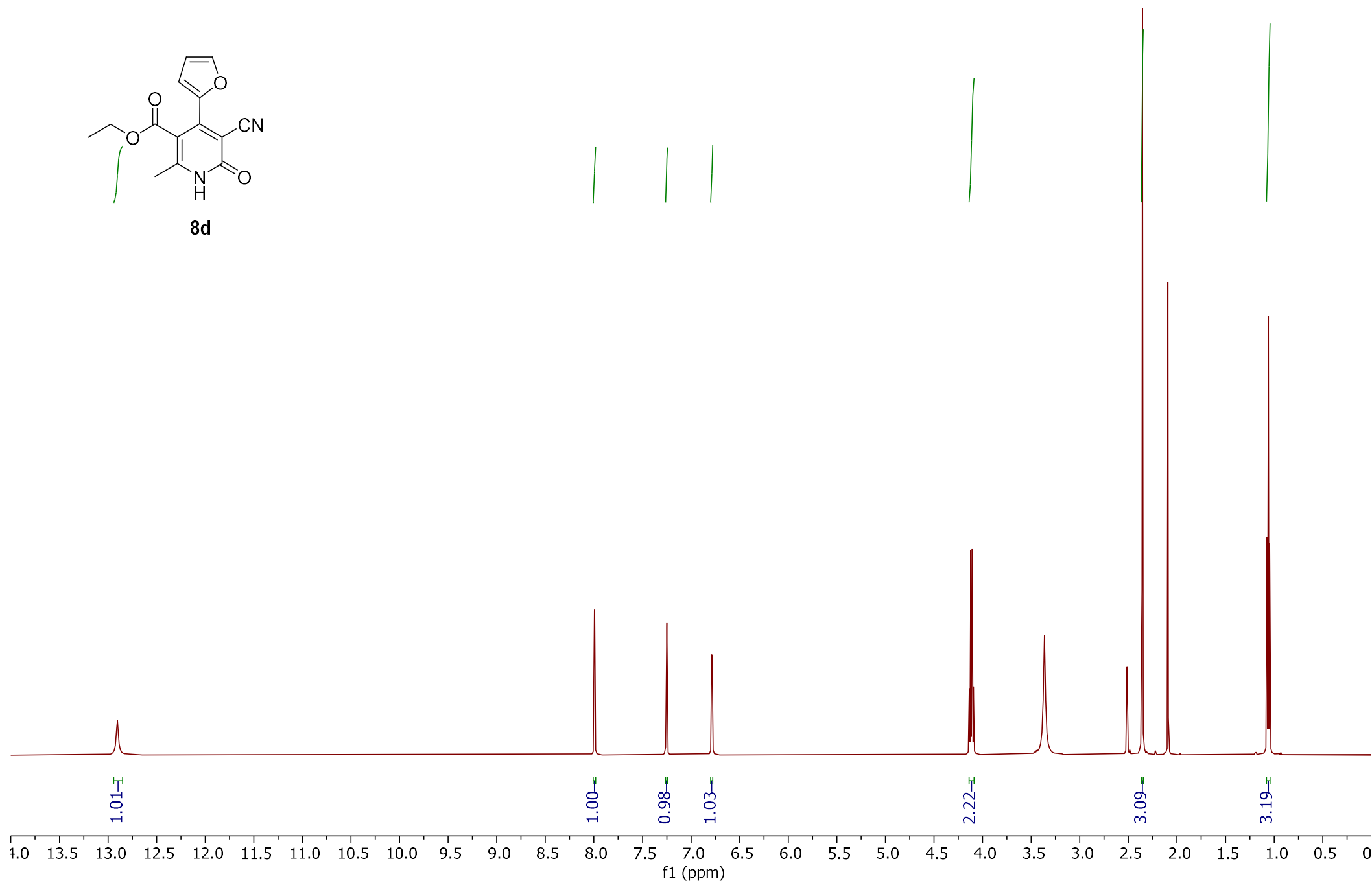


$^{13}\text{C}$  NMR (DMSO- $d_6$ ) **8b**

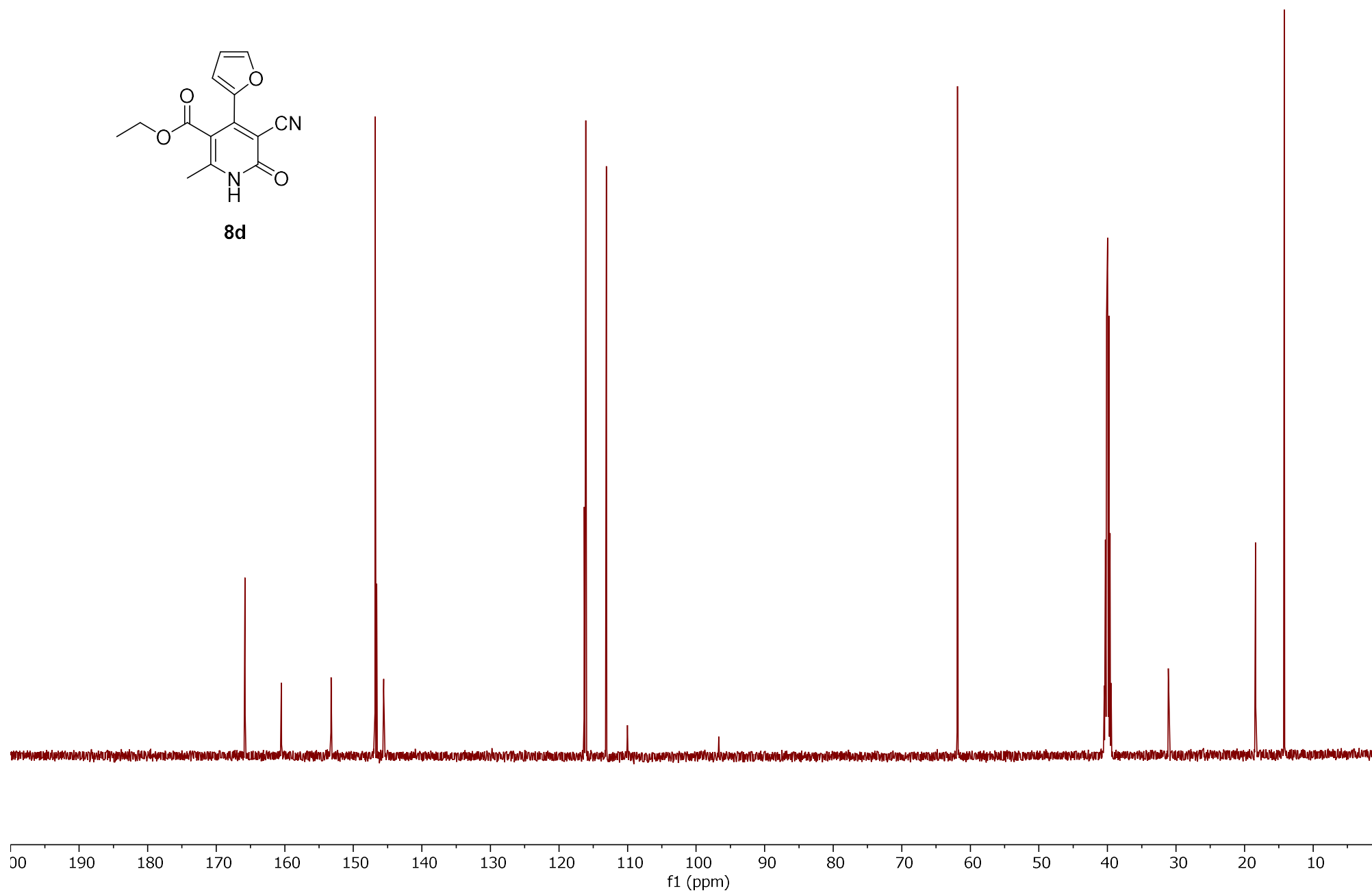
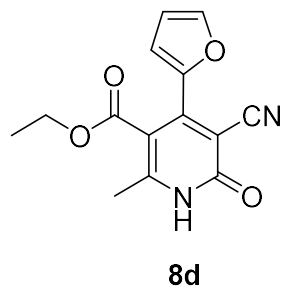
 $^1\text{H}$  NMR (DMSO- $d_6$ ) **8c**



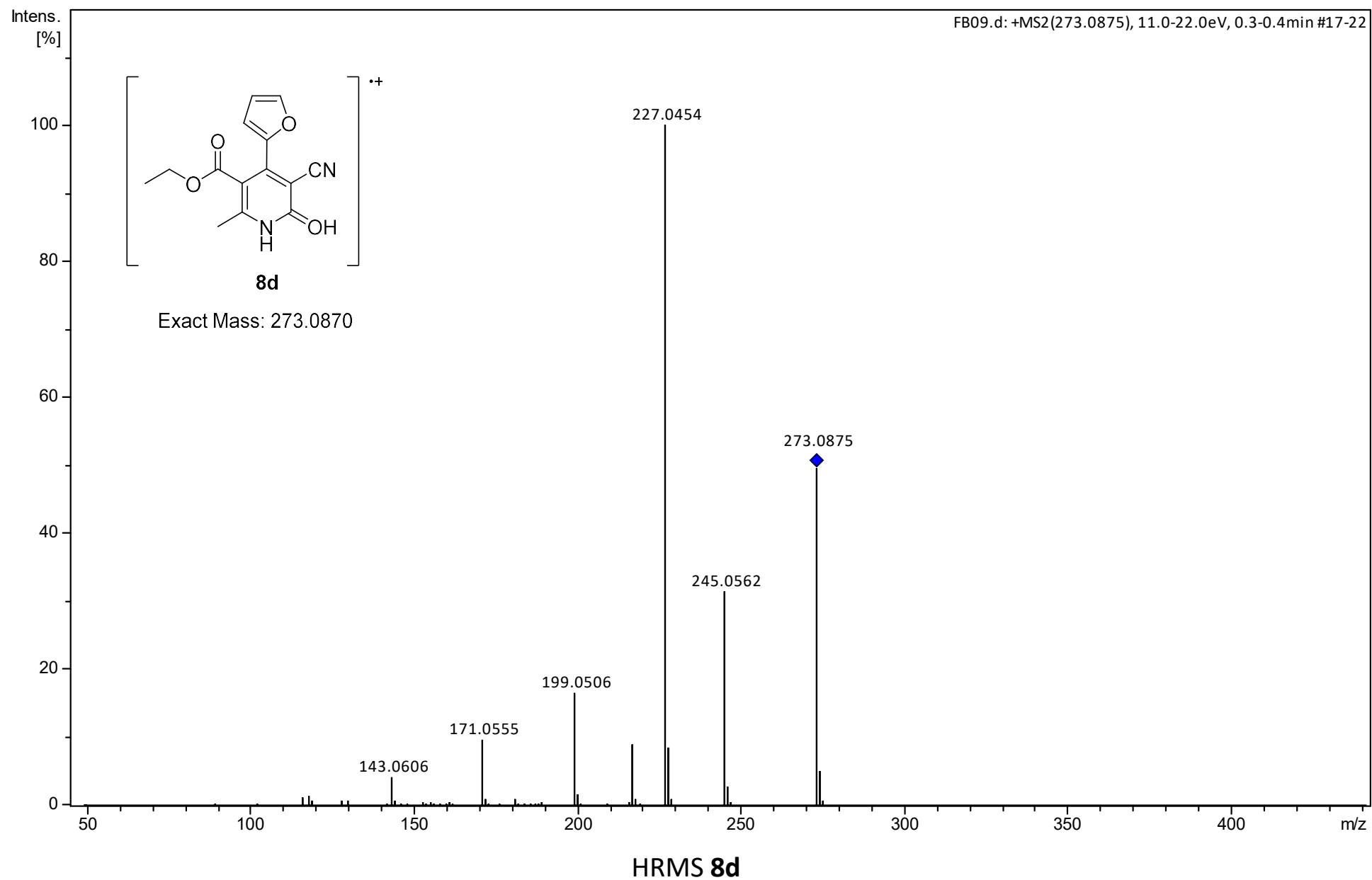
HRMS **8c**

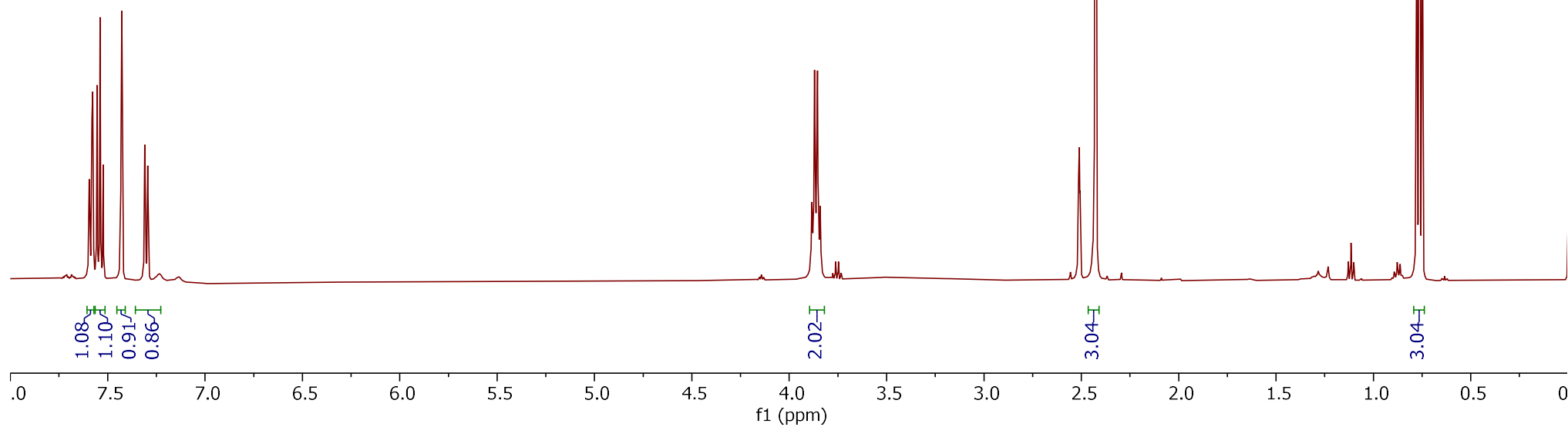
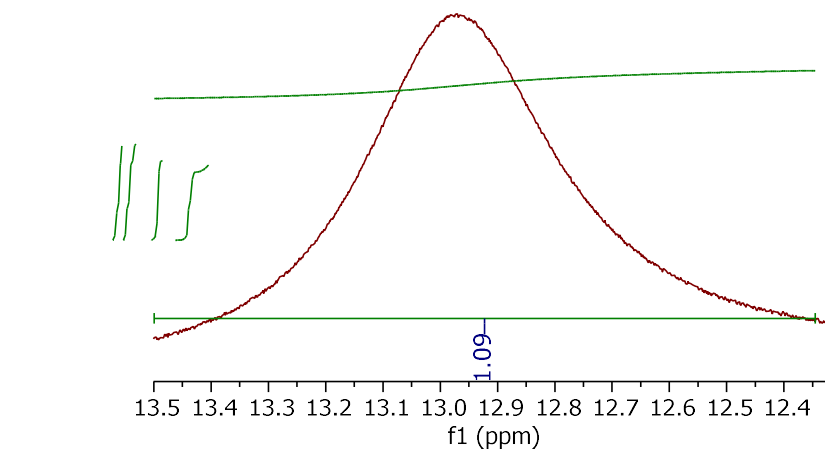
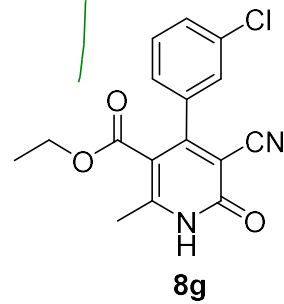
**8d** $^1\text{H}$  NMR (DMSO- $d_6$ ) **8d**

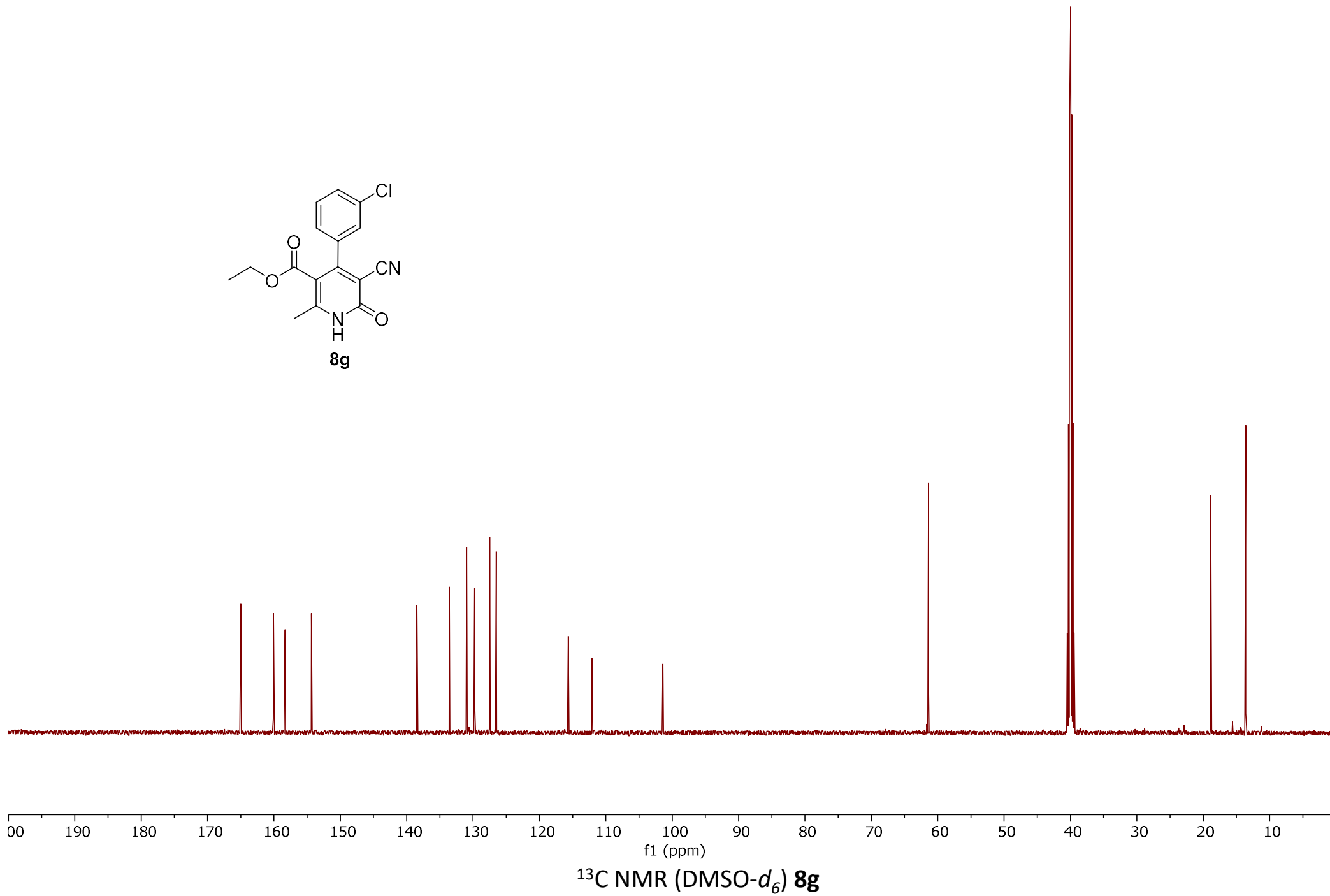
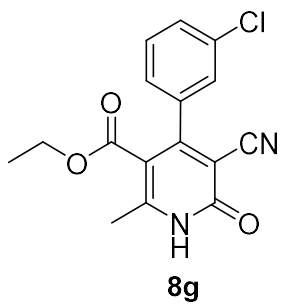


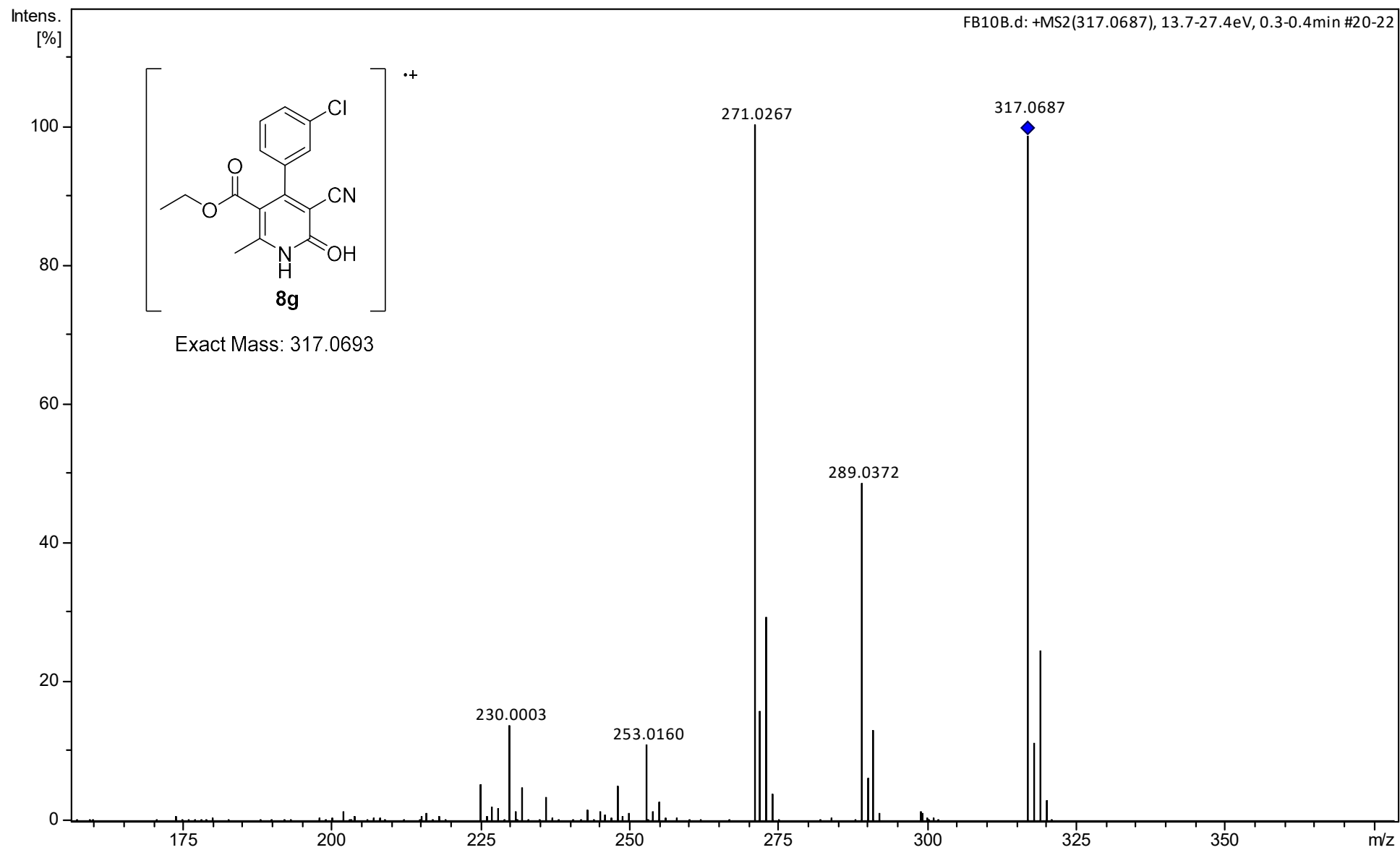


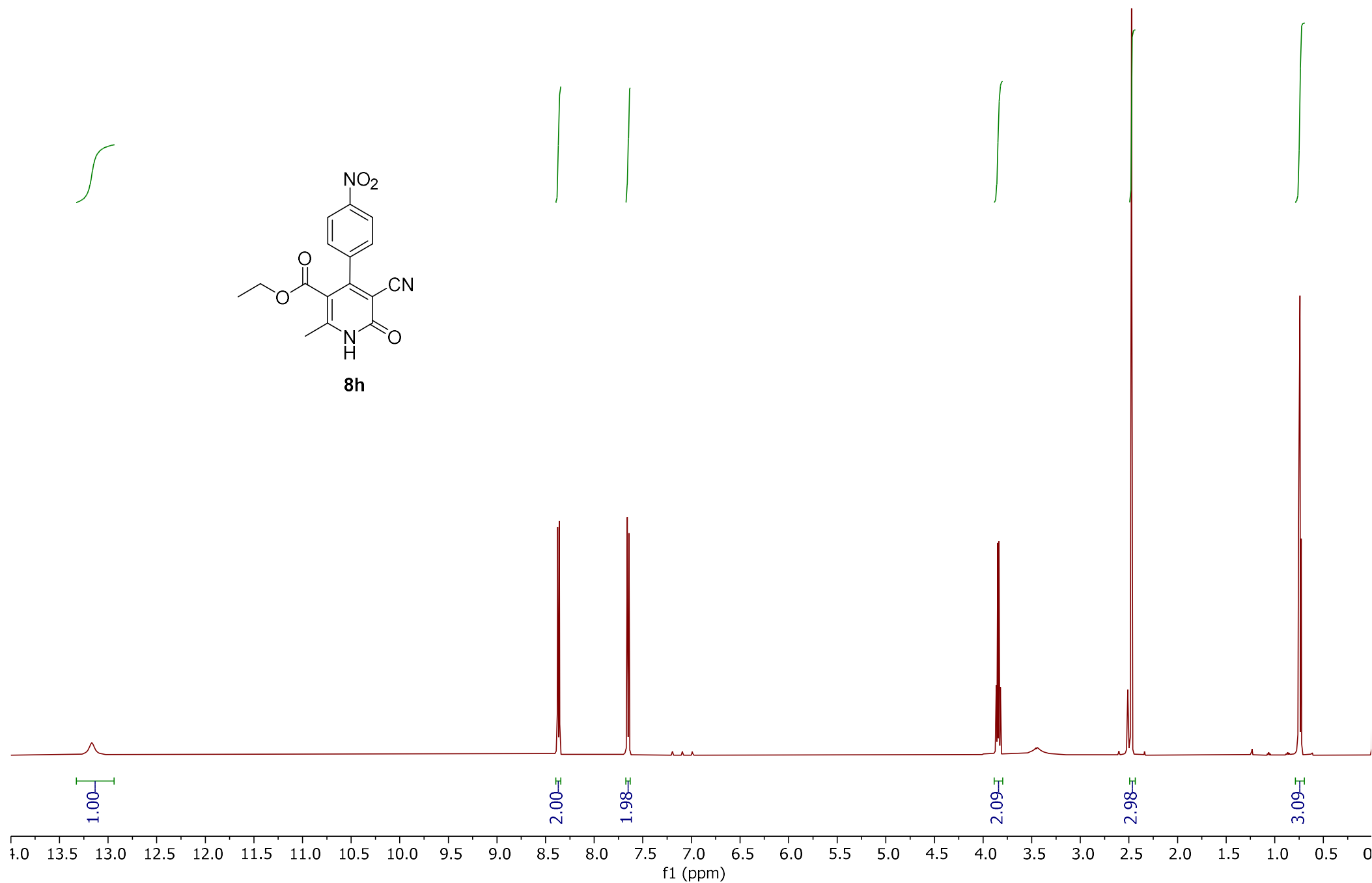
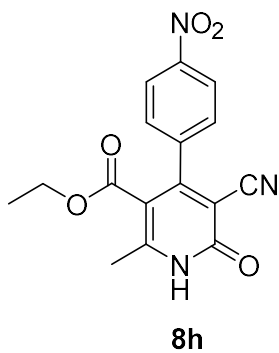
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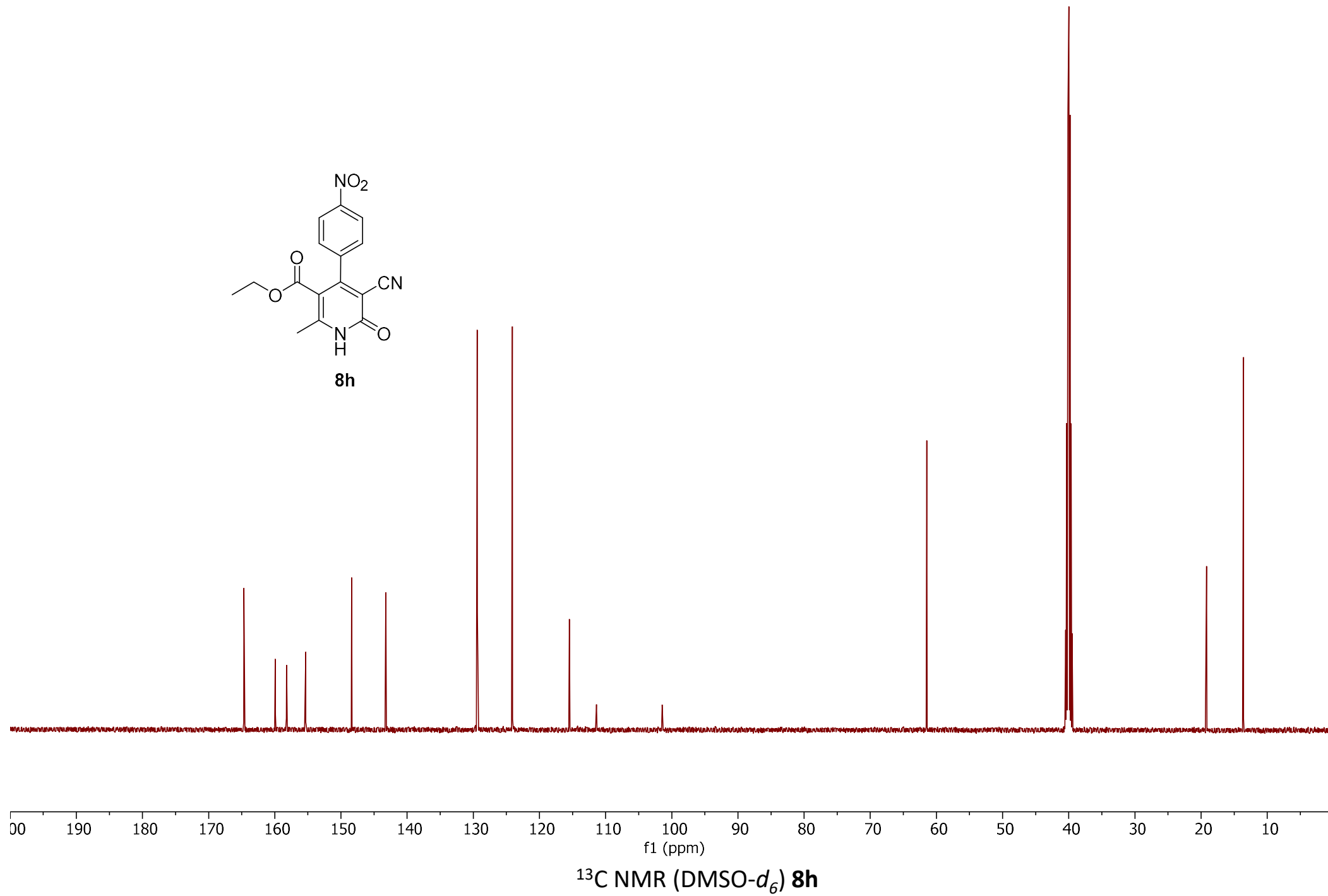
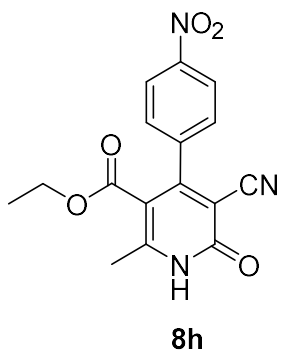


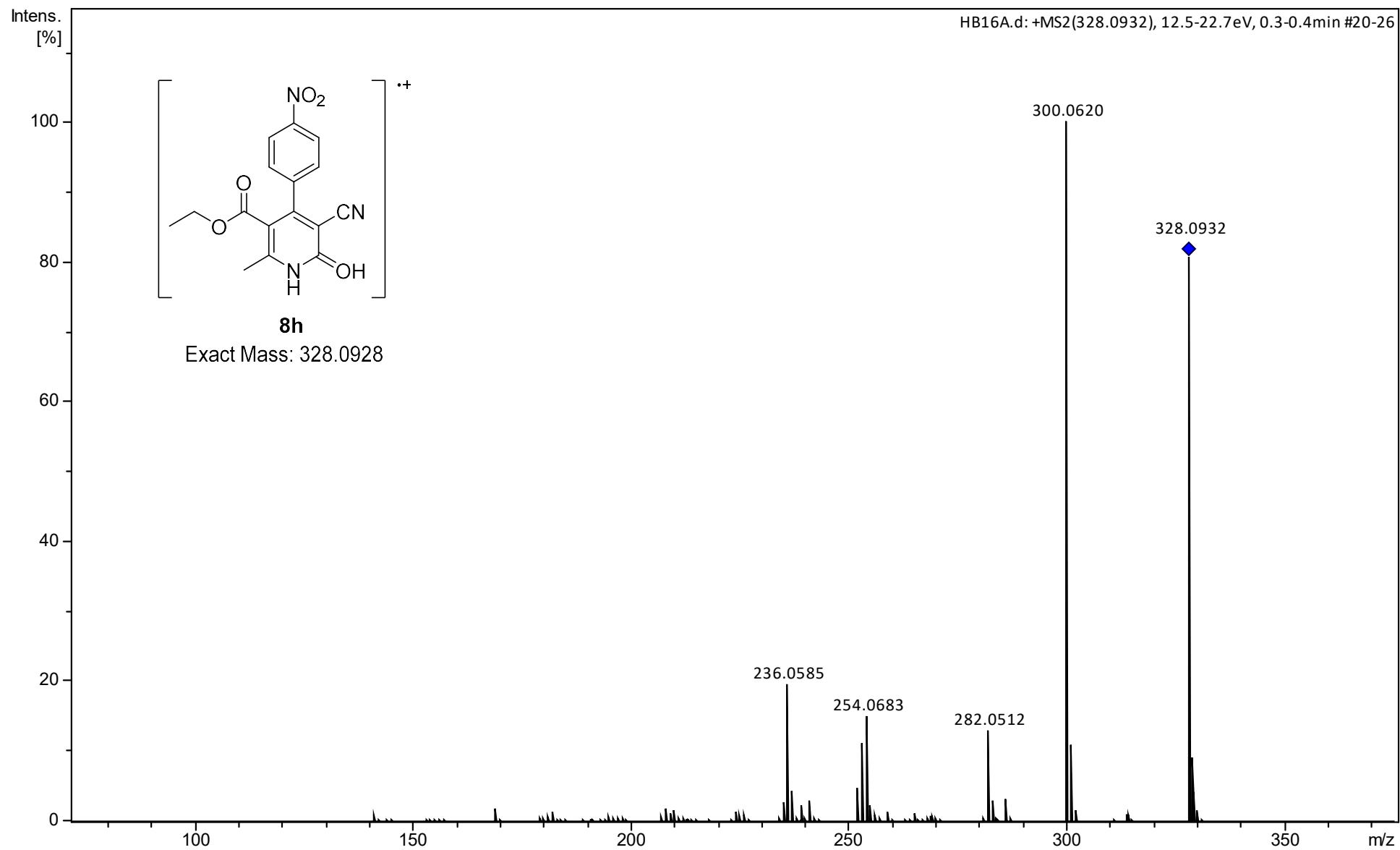
 $^1\text{H}$  NMR ( $\text{DMSO}-d_6$ ) **8g**



HRMS **8g**

 $^1\text{H}$  NMR (DMSO- $d_6$ ) **8h**



HRMS **8h**