

# **Design, Synthesis, and Mechanistic Study of 2-Pyridone-bearing Phenylalanine Derivatives as Novel HIV Capsid Modulators**

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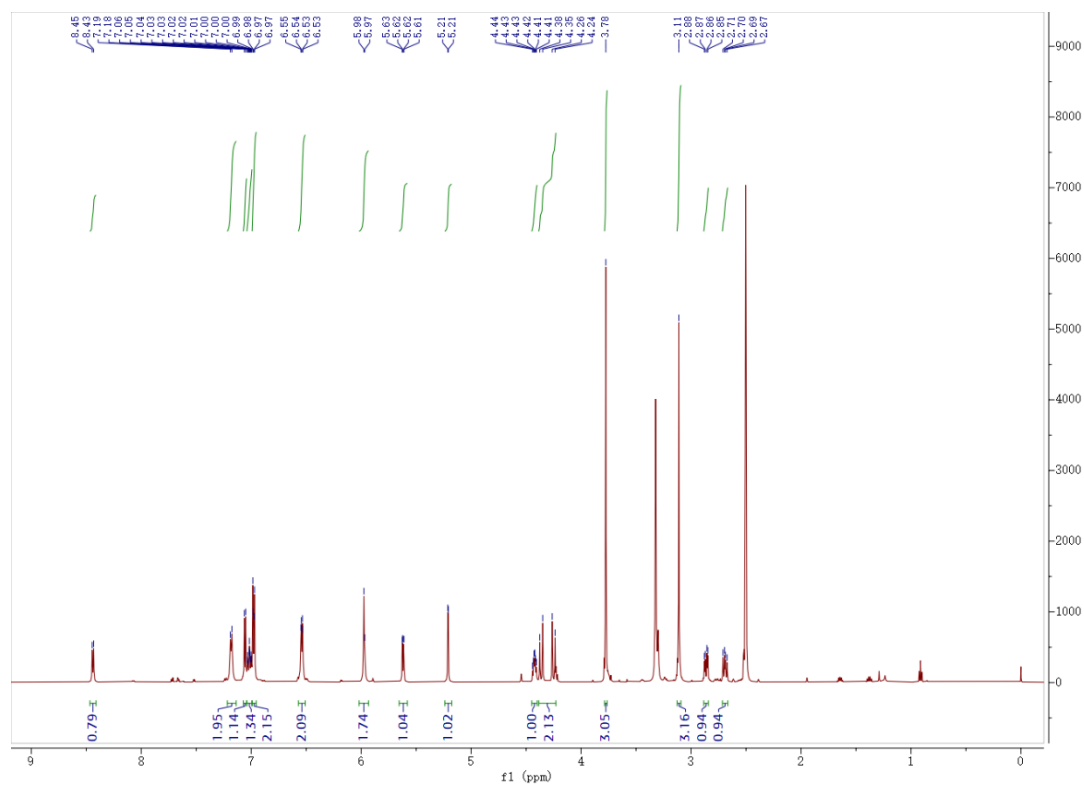
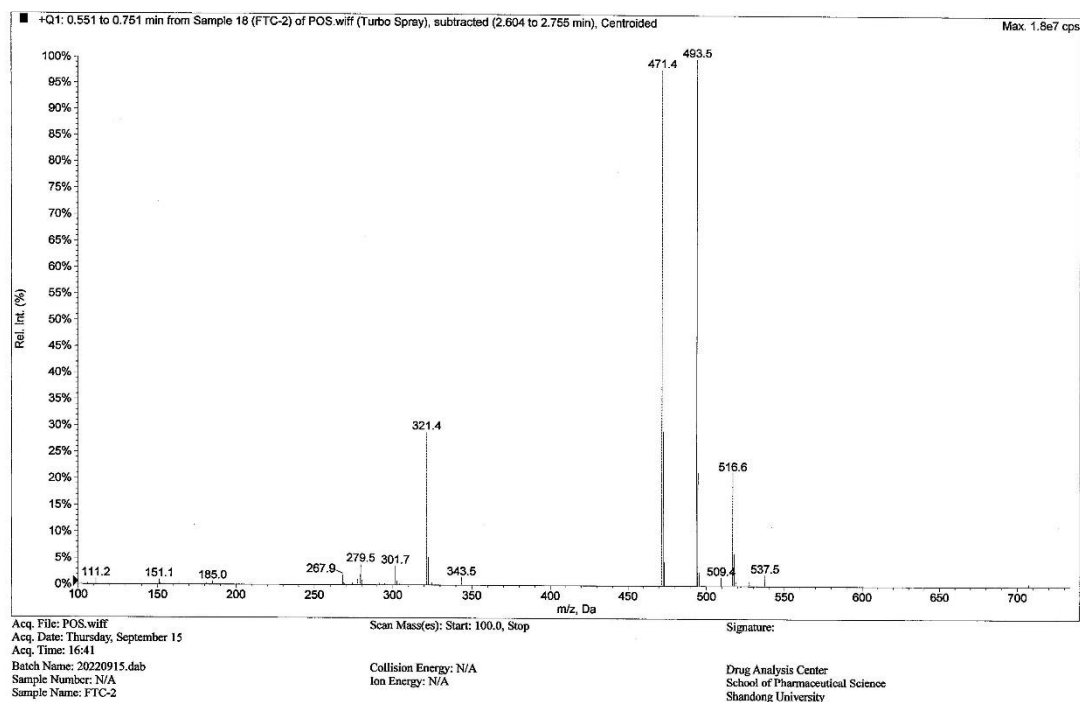
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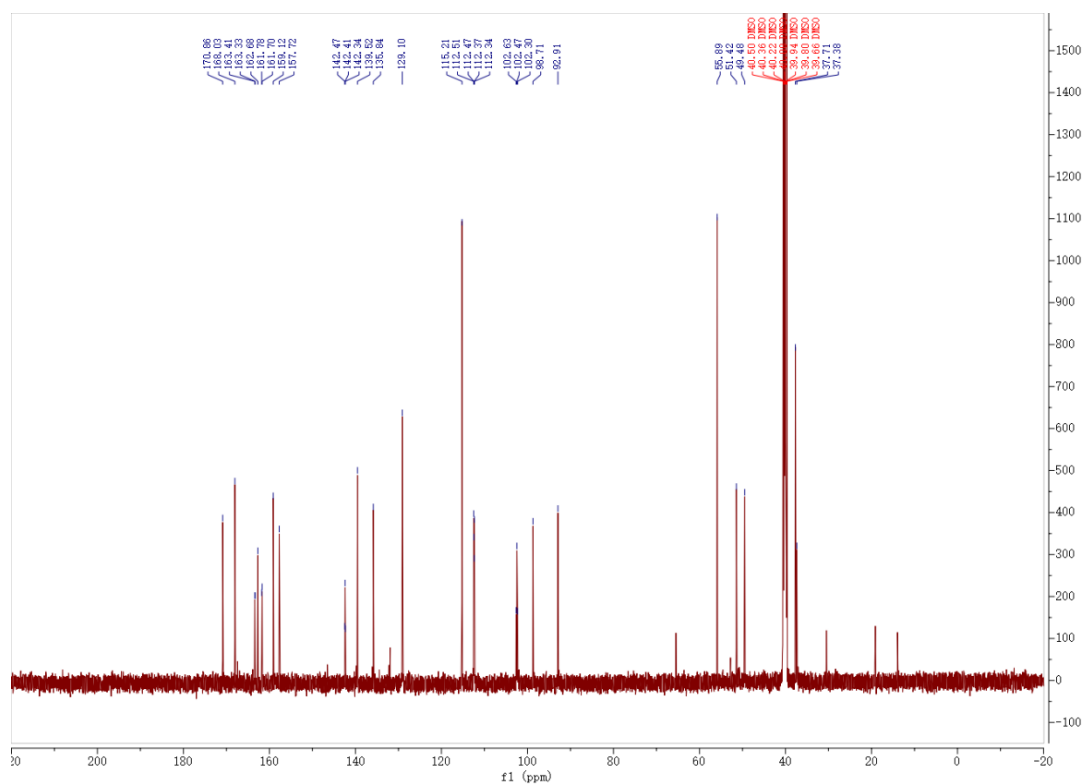
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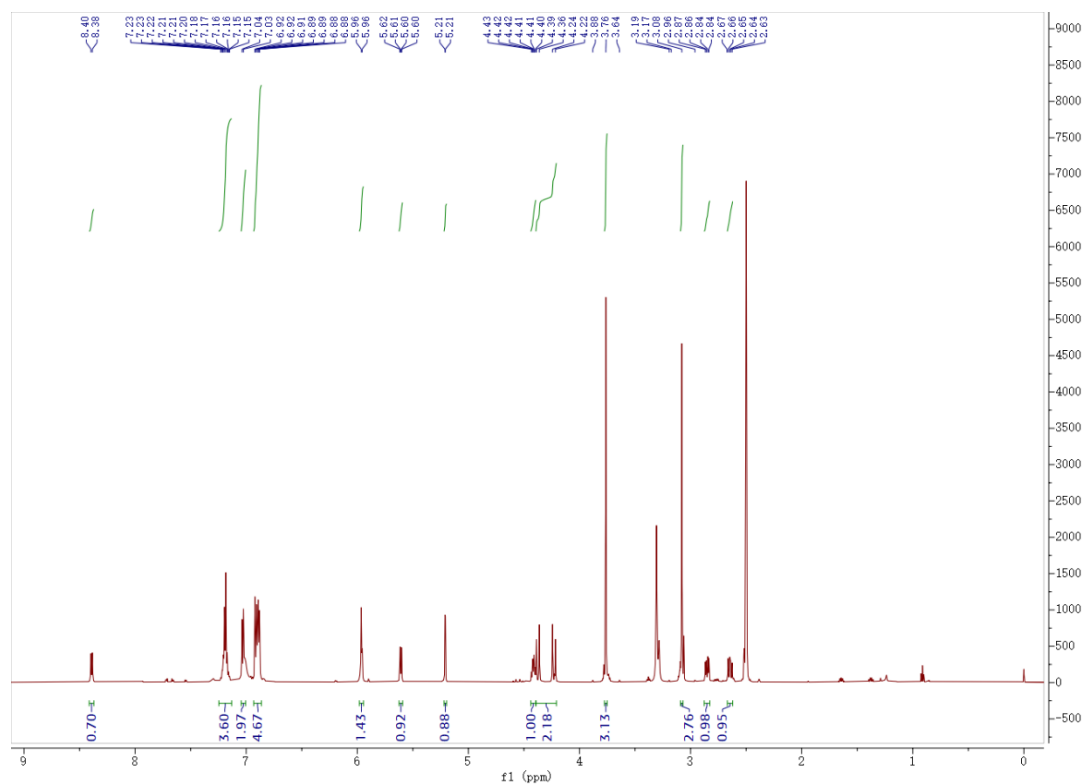
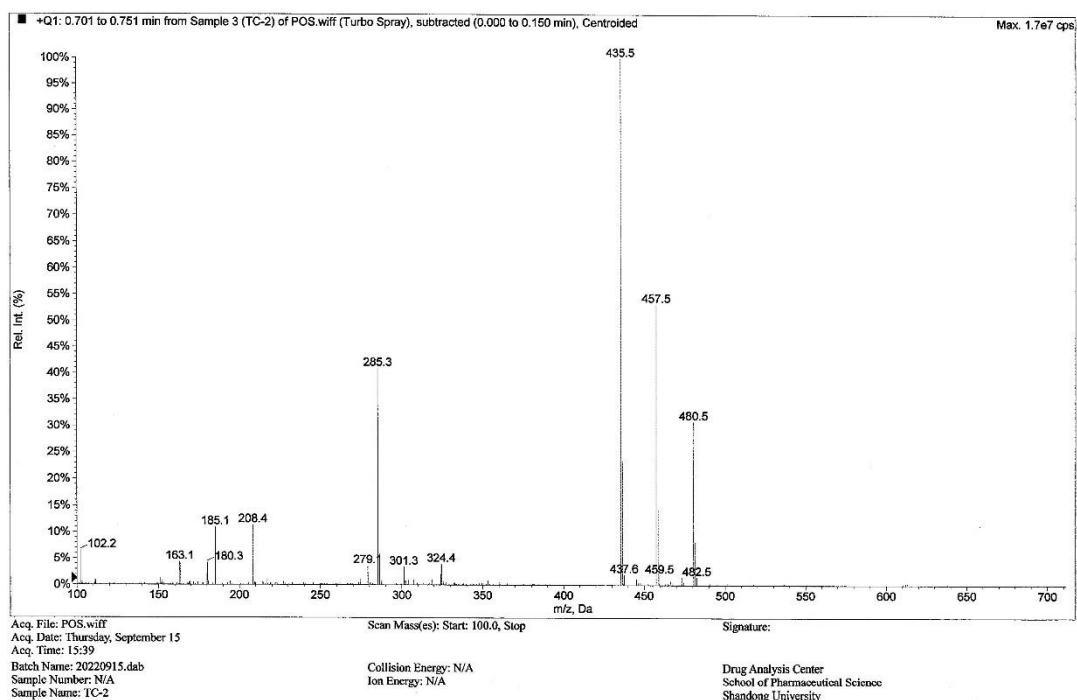
# 1 MS, $^1\text{H}$ -NMR and $^{13}\text{C}$ -NMR Spectra for Representative Target Compounds

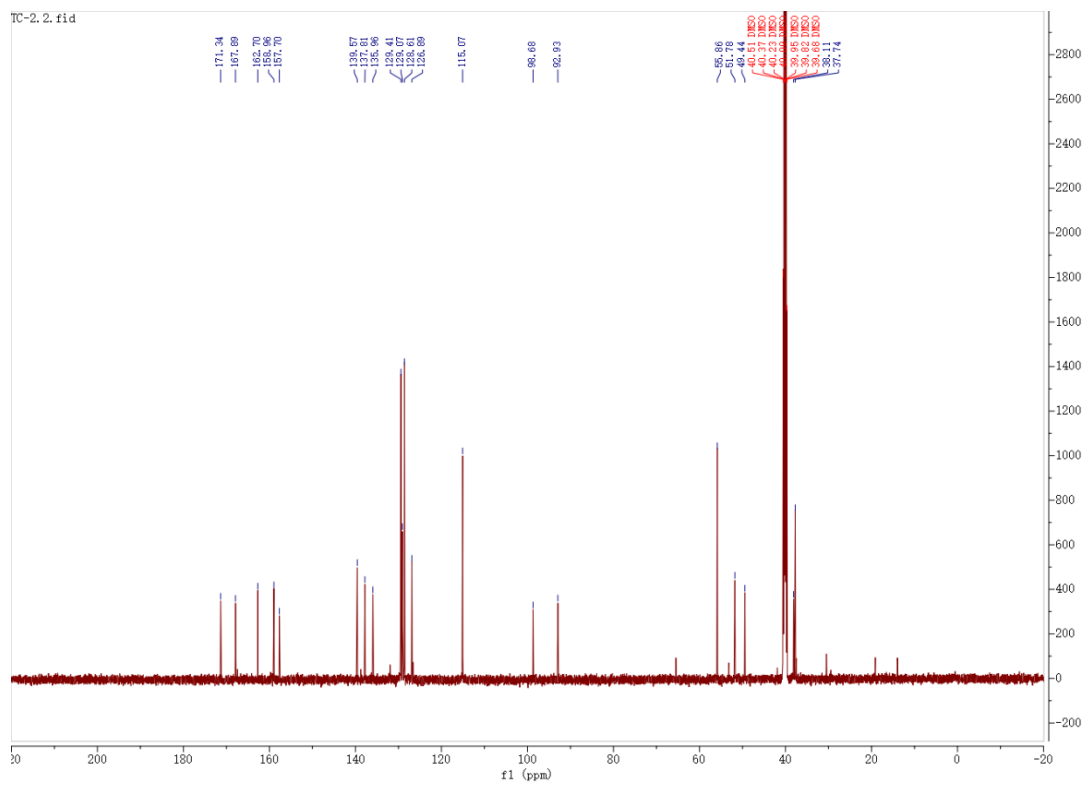
## 1.1 MS, $^1\text{H}$ -NMR and $^{13}\text{C}$ -NMR Spectra for FTC-2



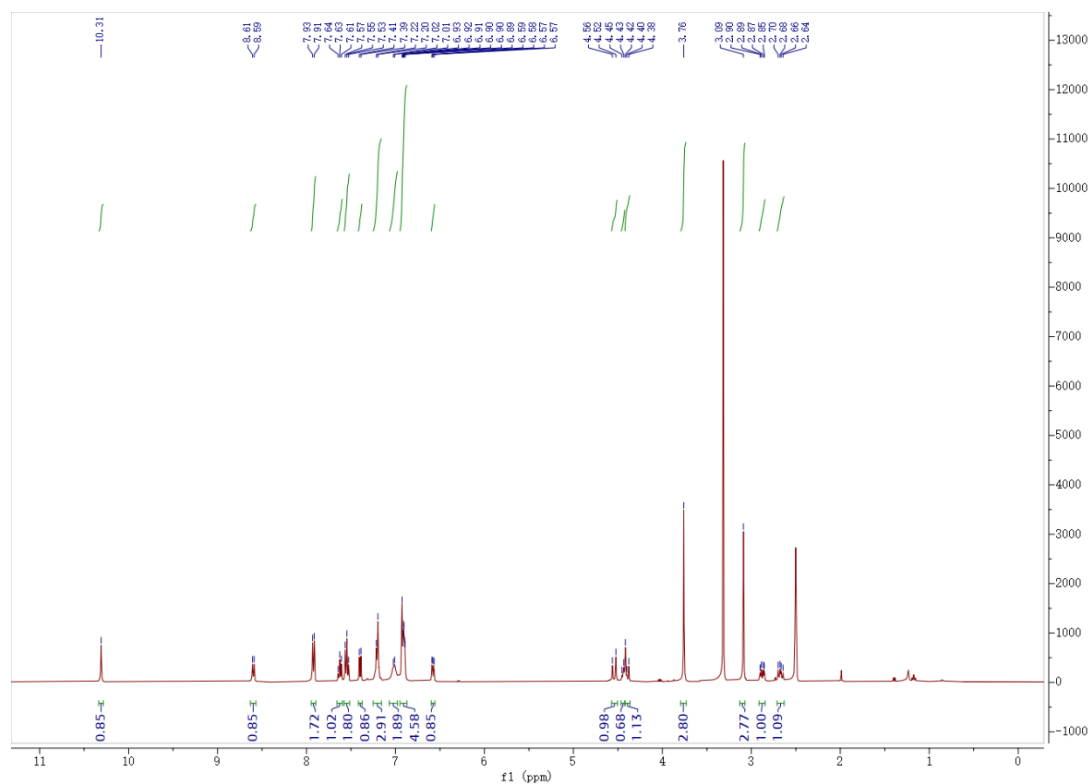
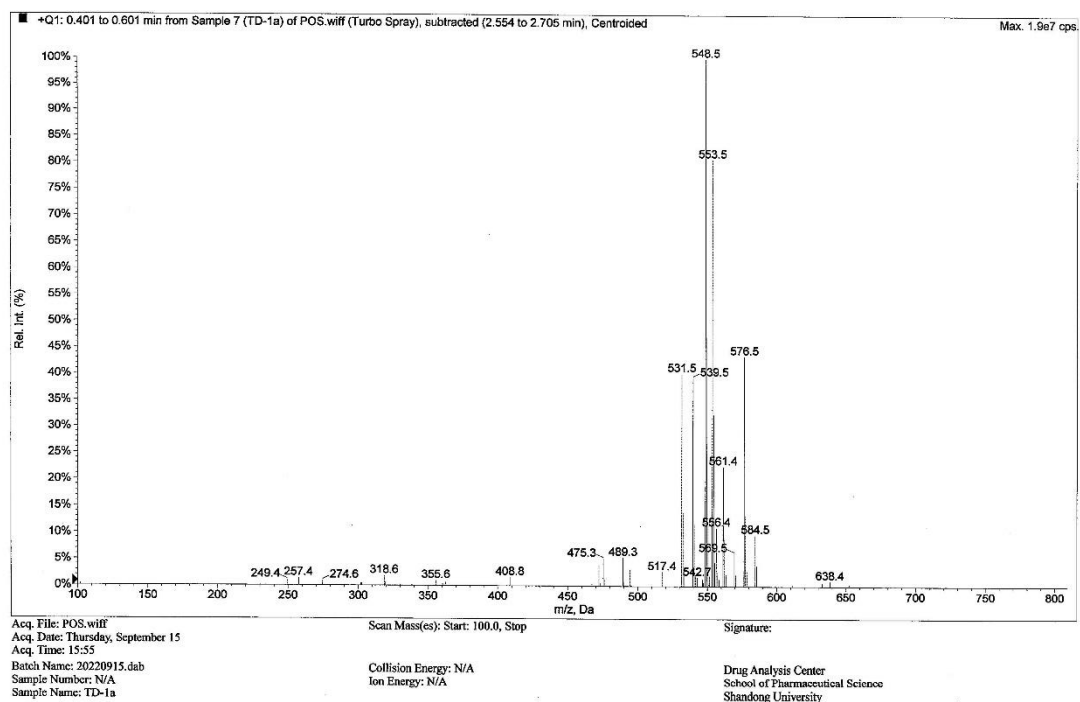


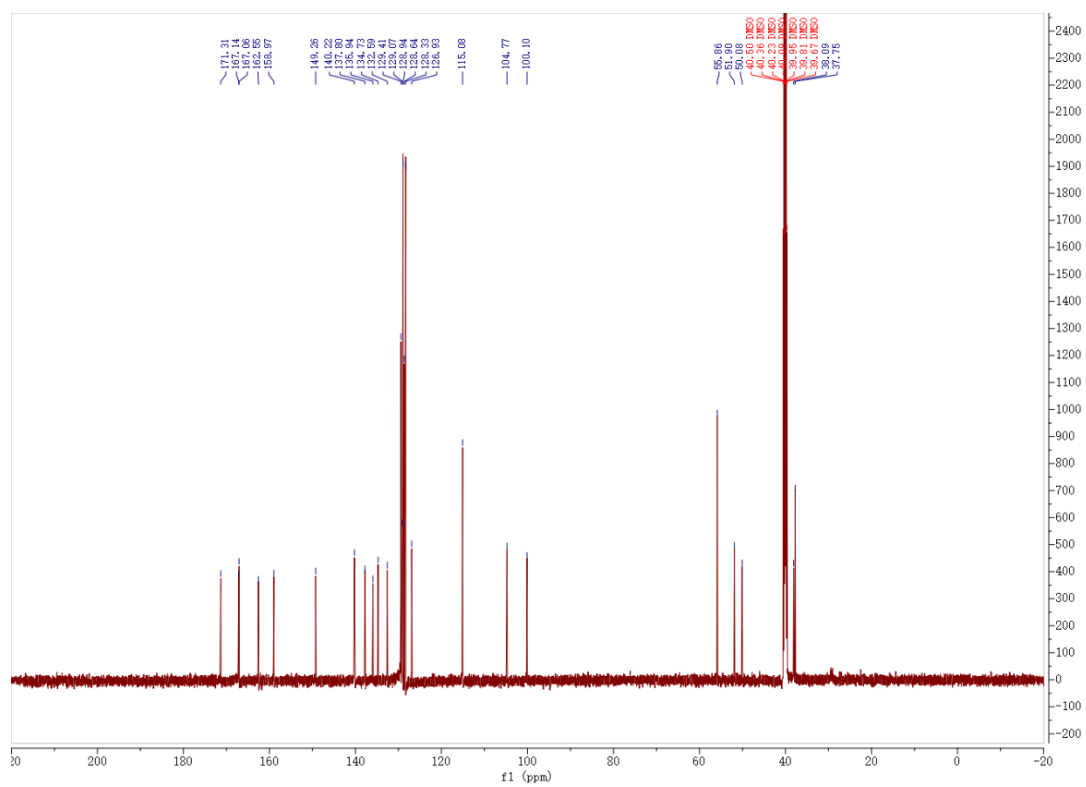
## 1.2 MS, $^1\text{H}$ -NMR and $^{13}\text{C}$ -NMR Spectra for TC-2



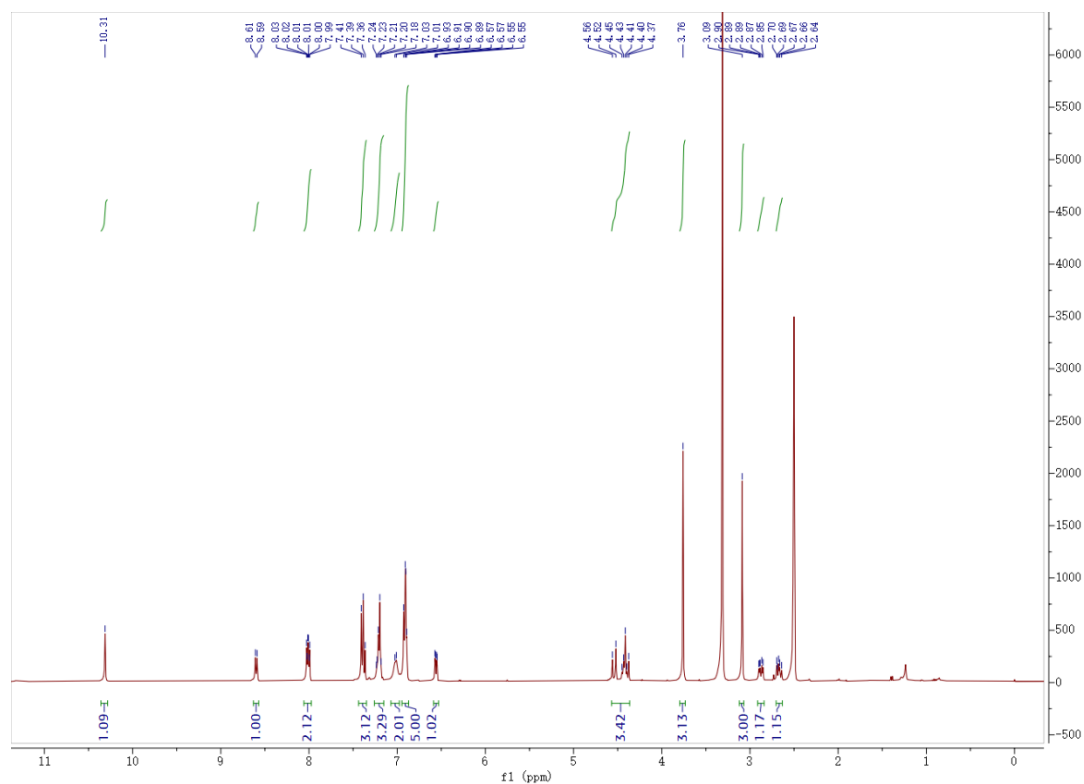
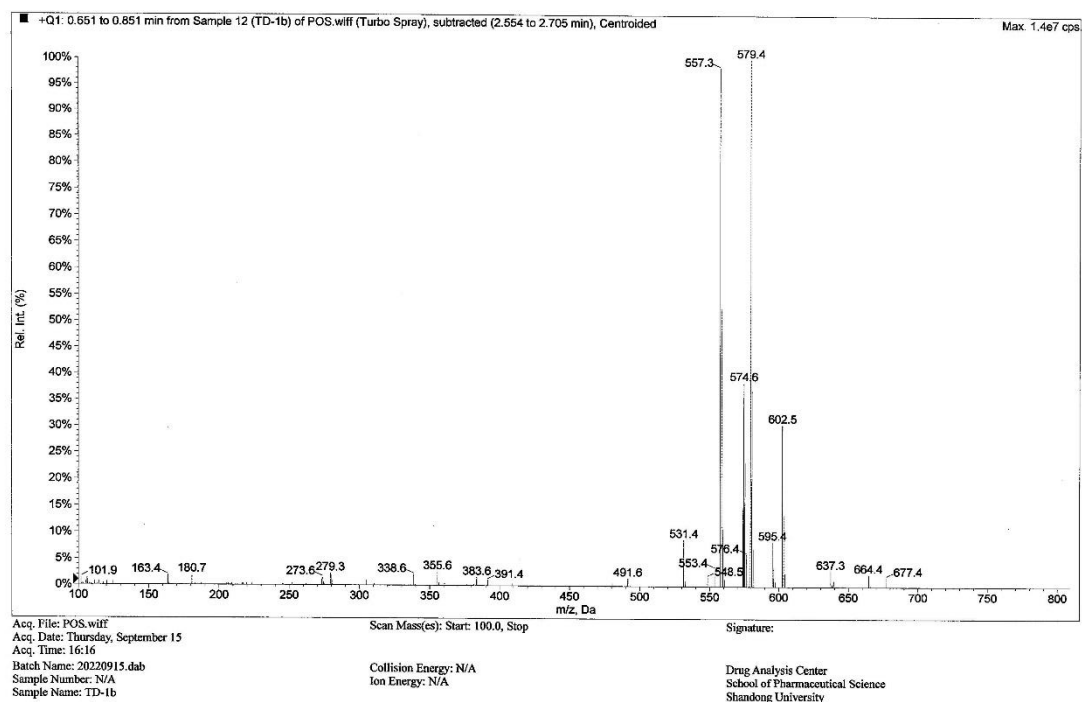


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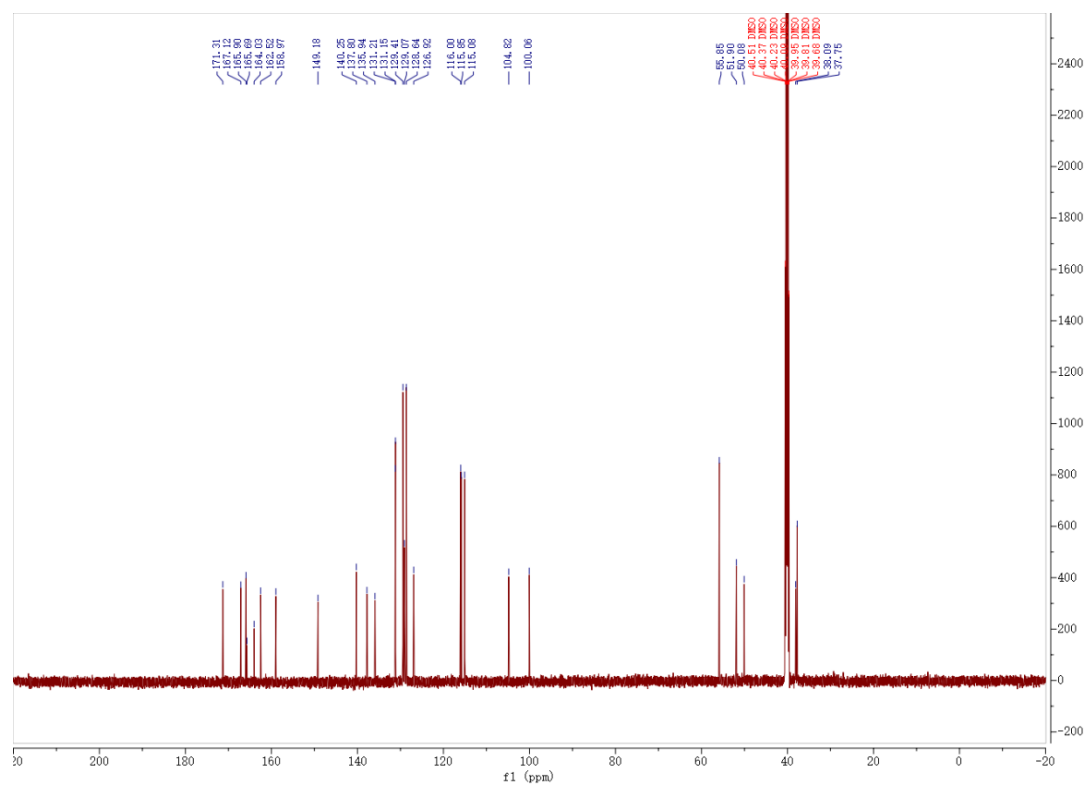




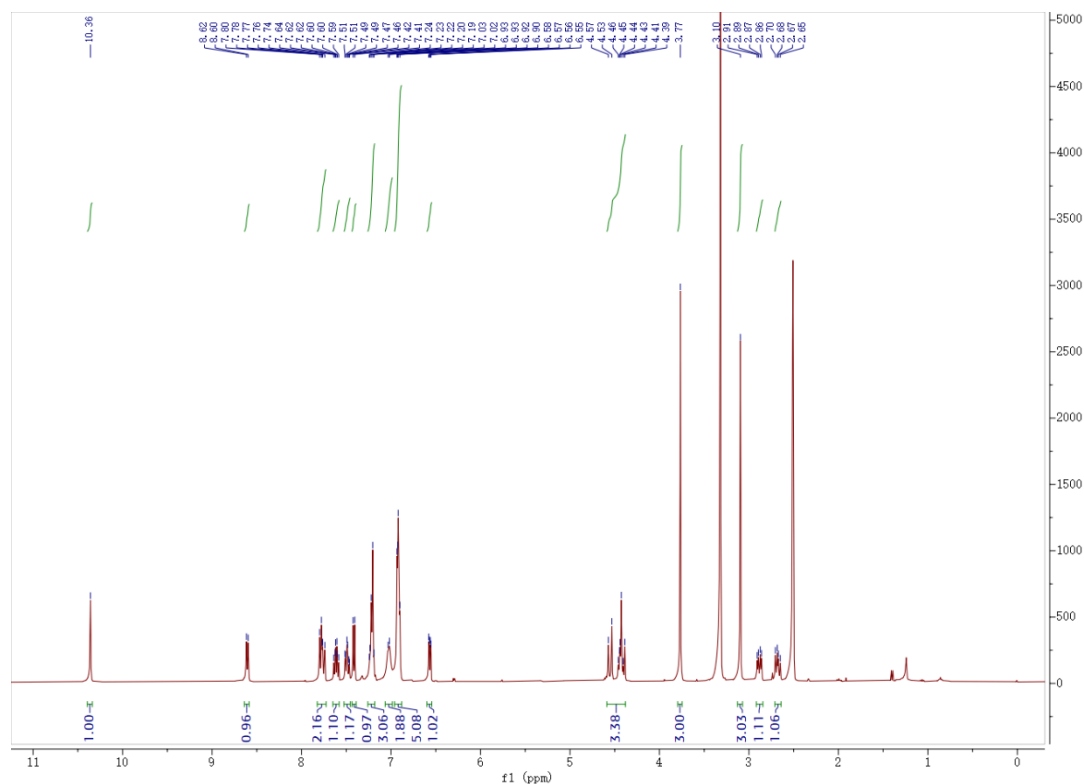
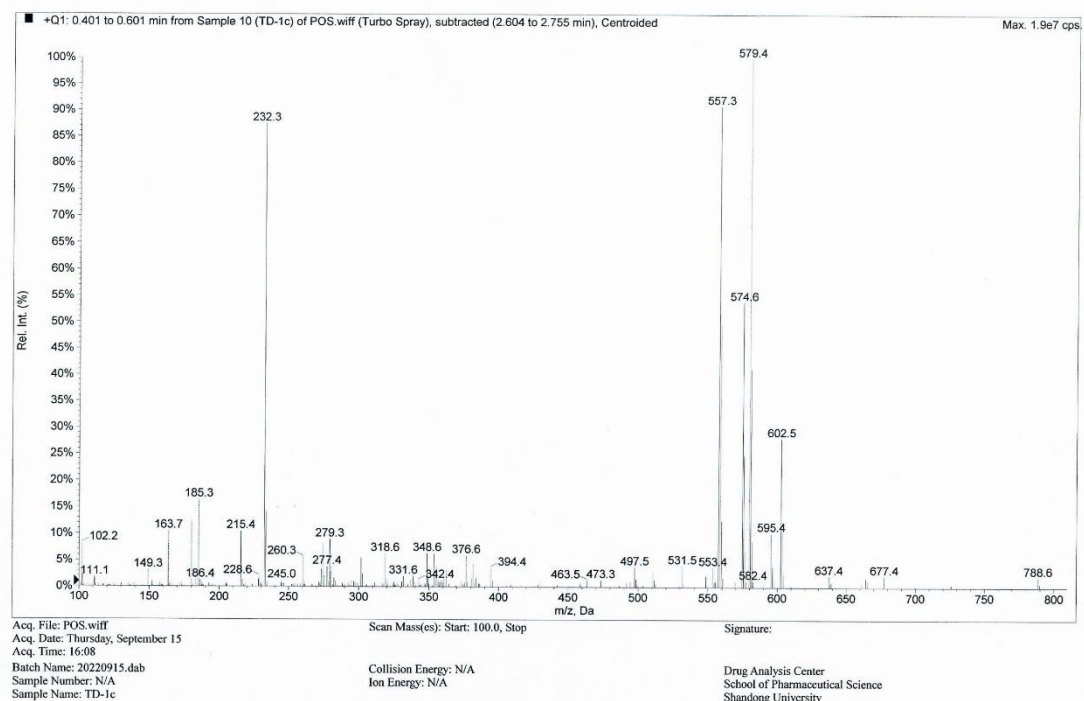
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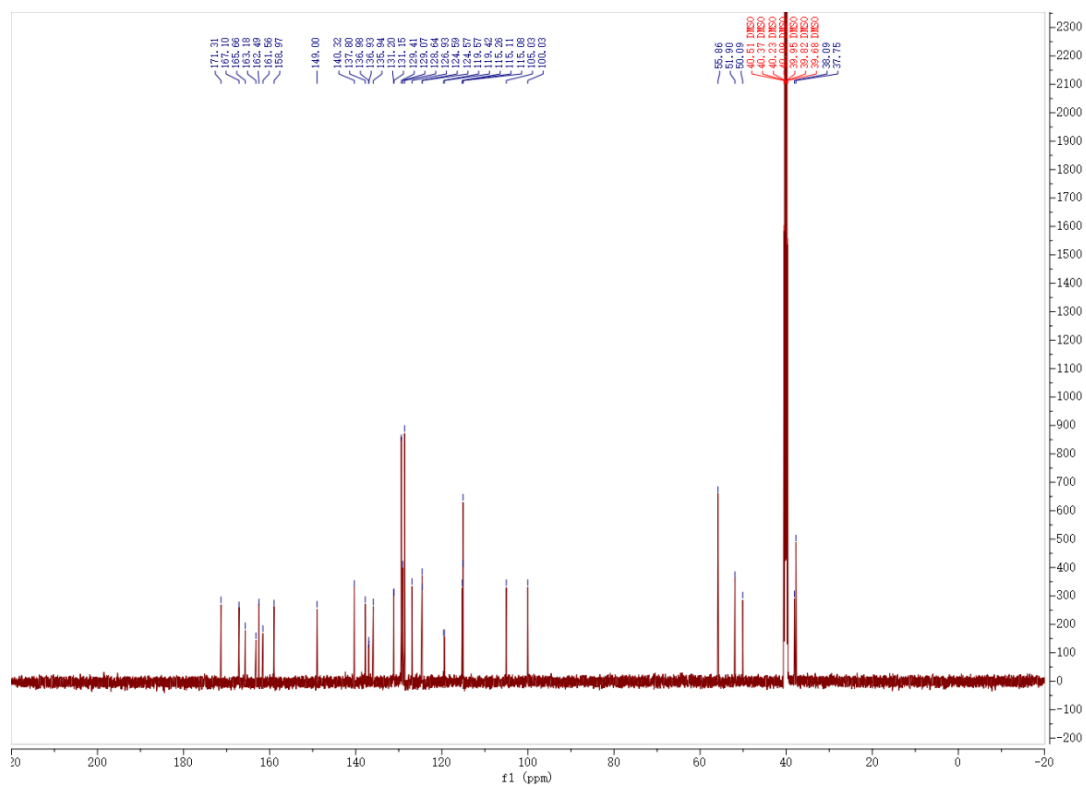




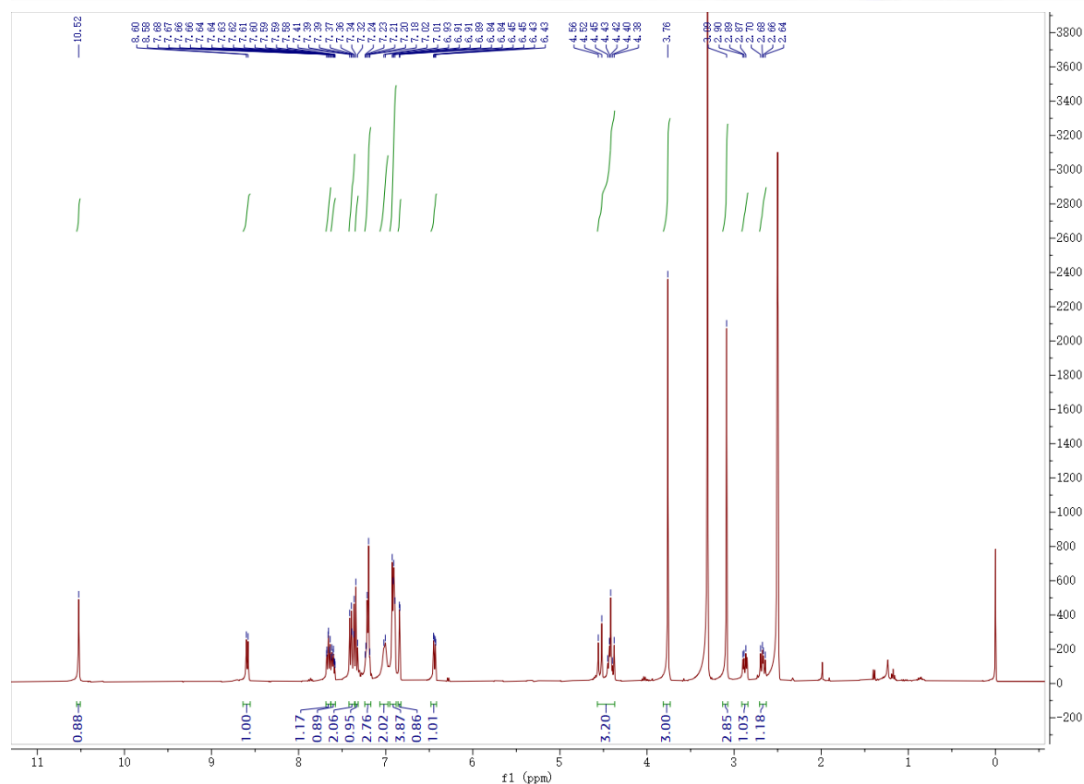
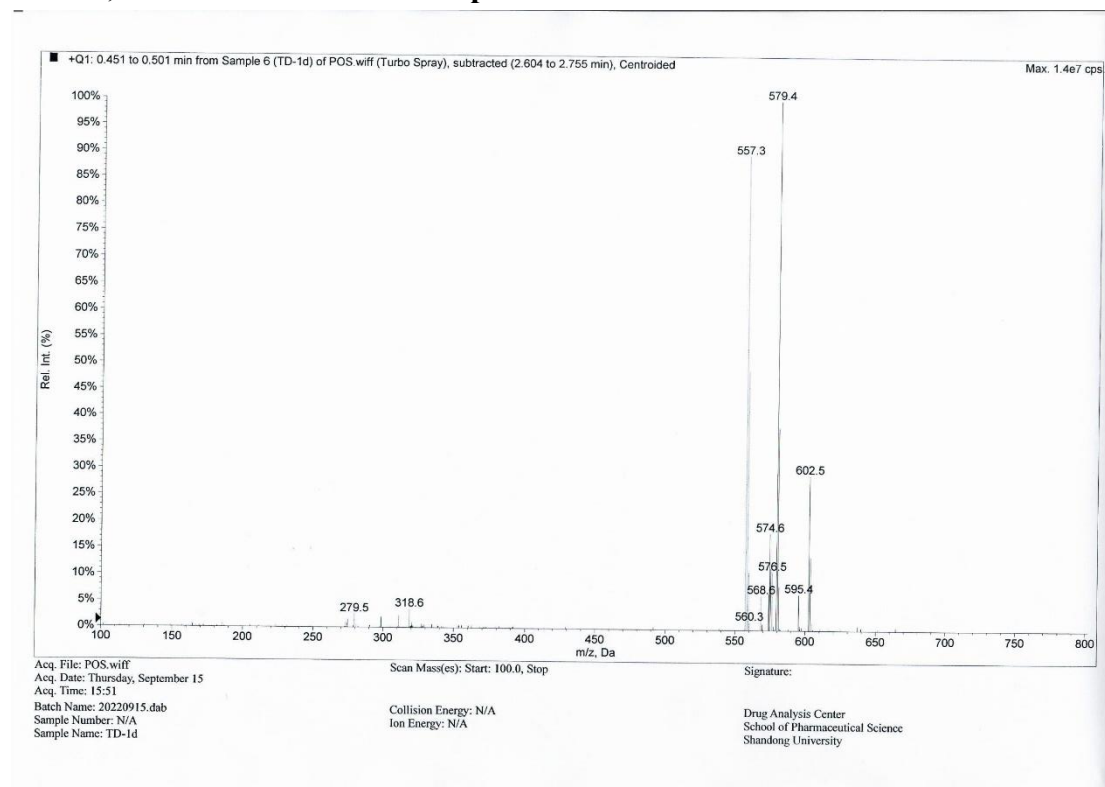


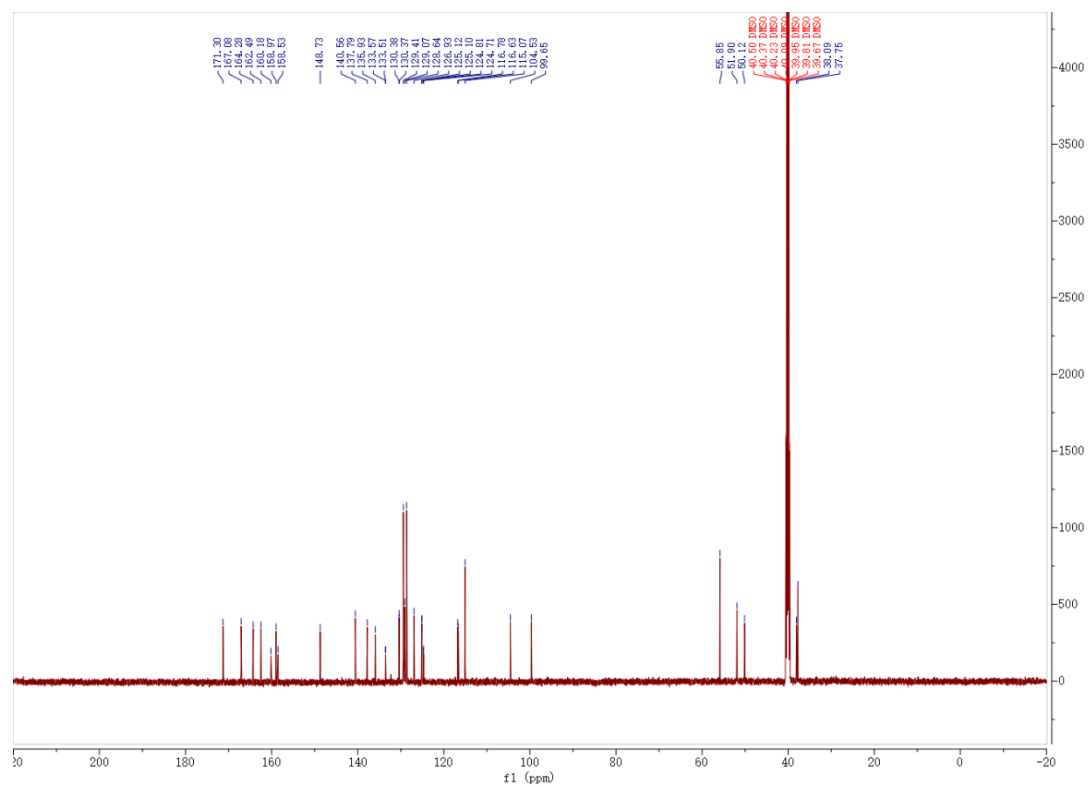
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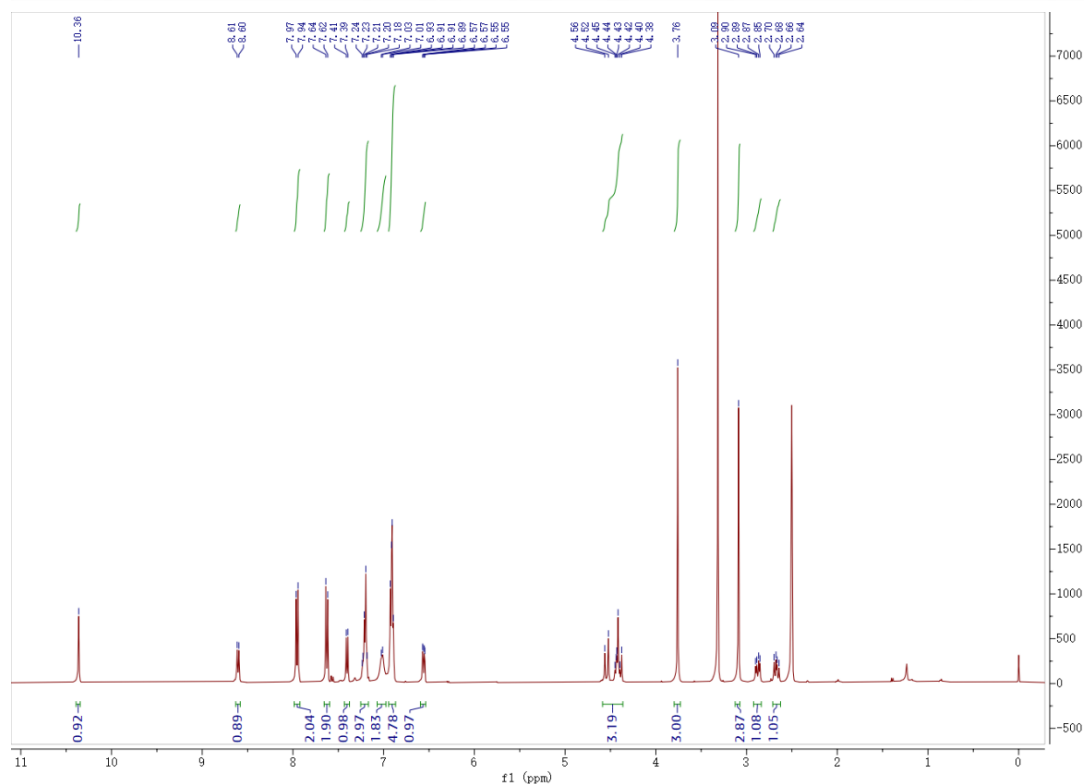
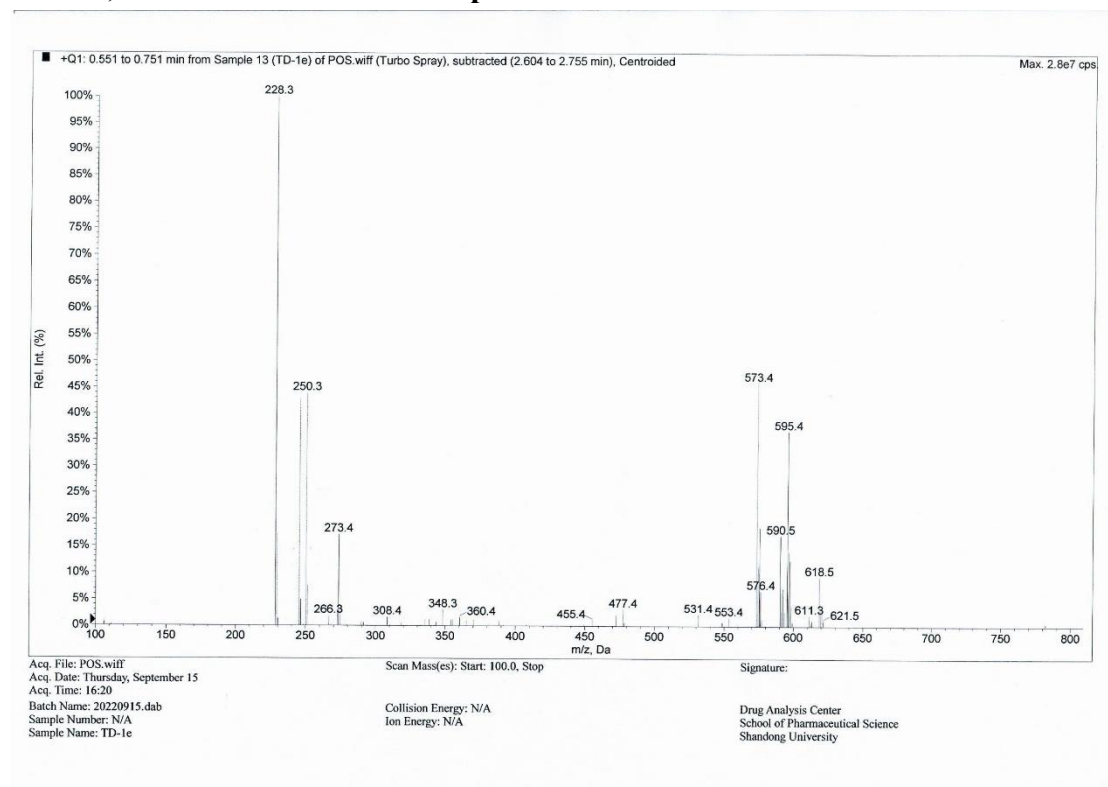


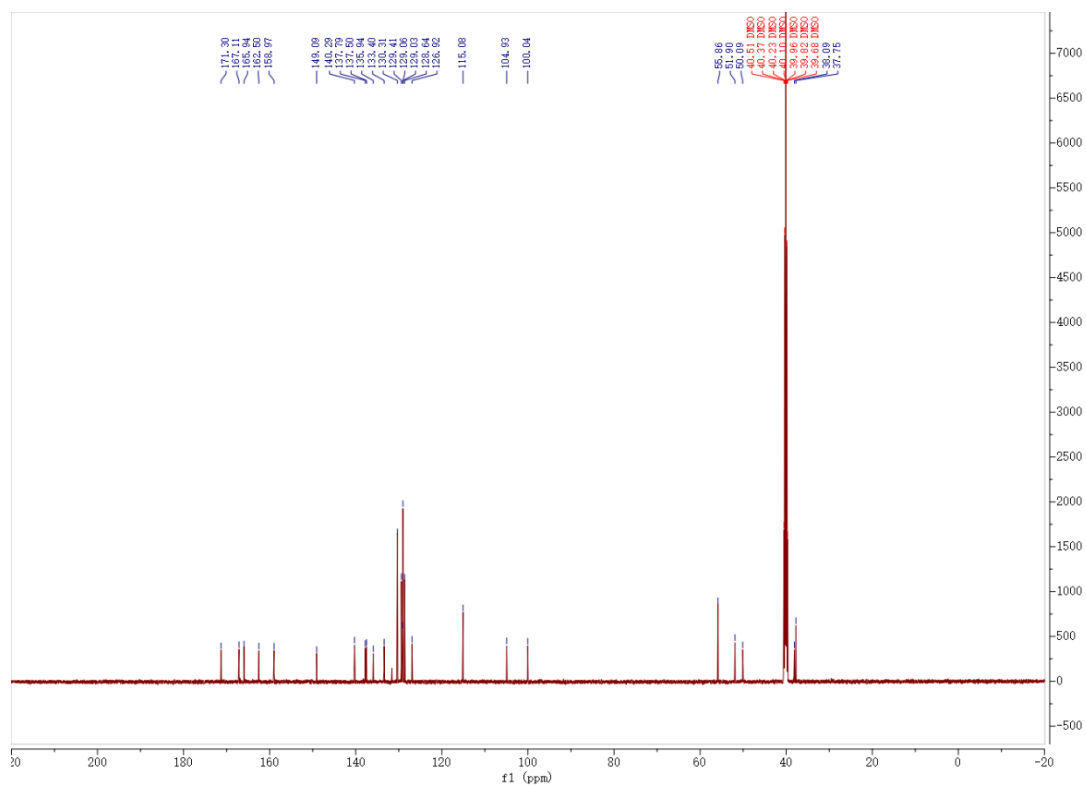
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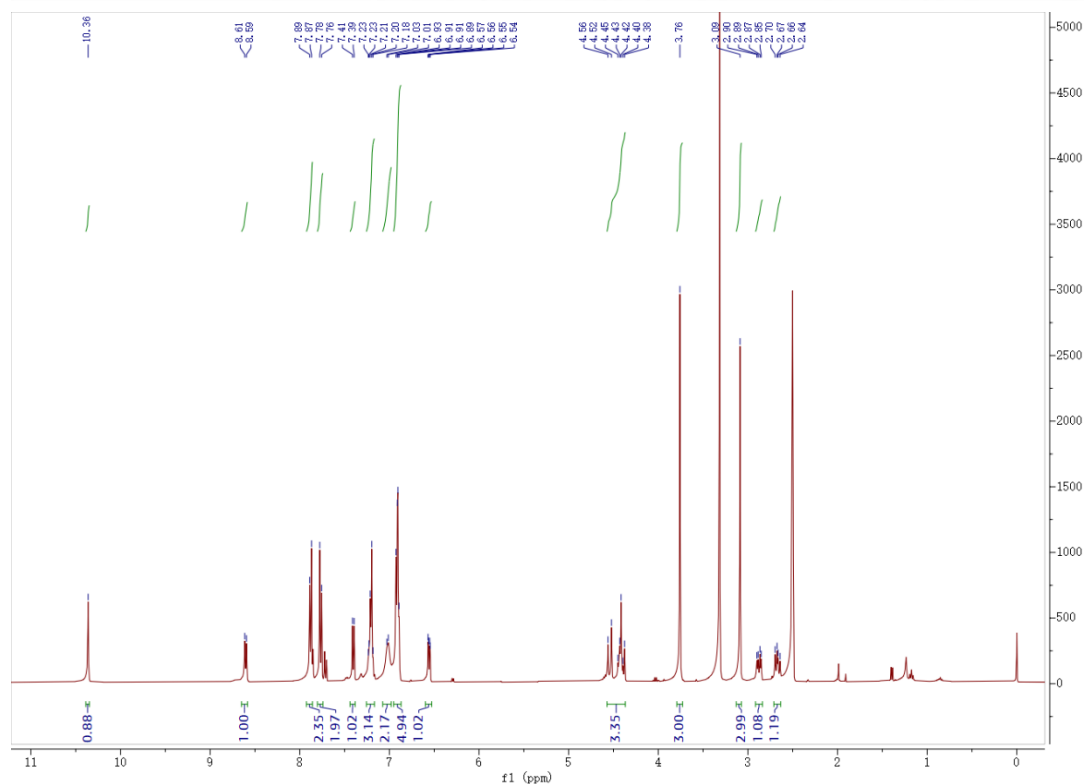
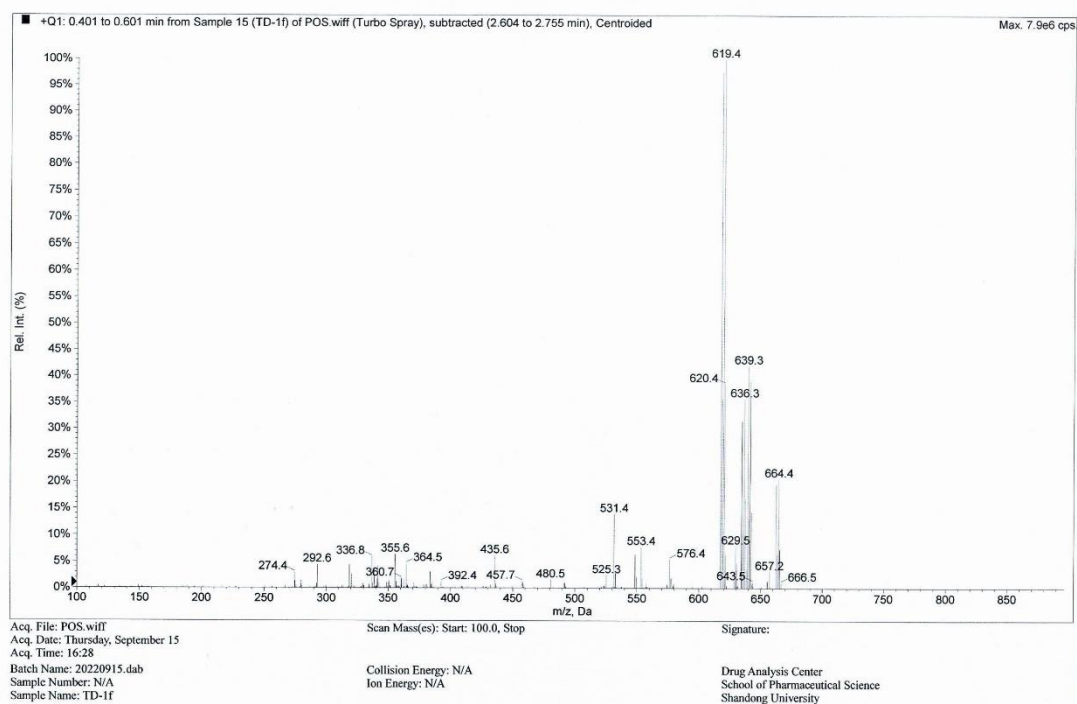


## 1.7 MS, $^1\text{H}$ -NMR and $^{13}\text{C}$ -NMR Spectra for TD-1e

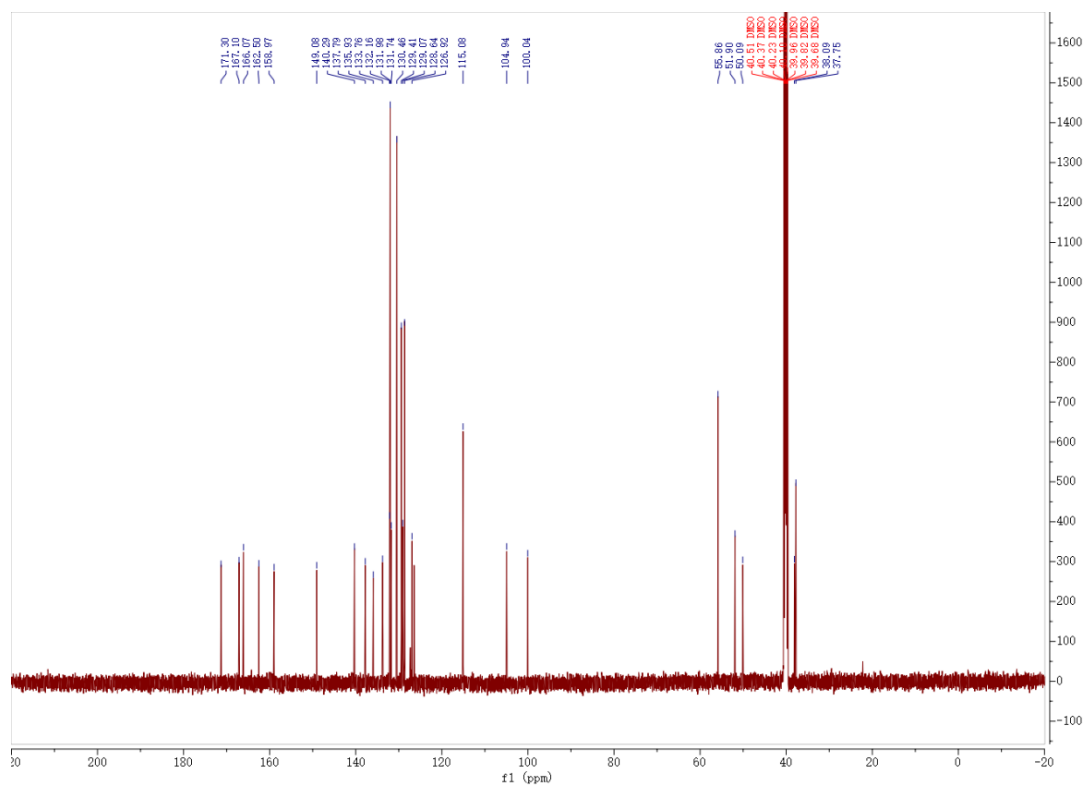




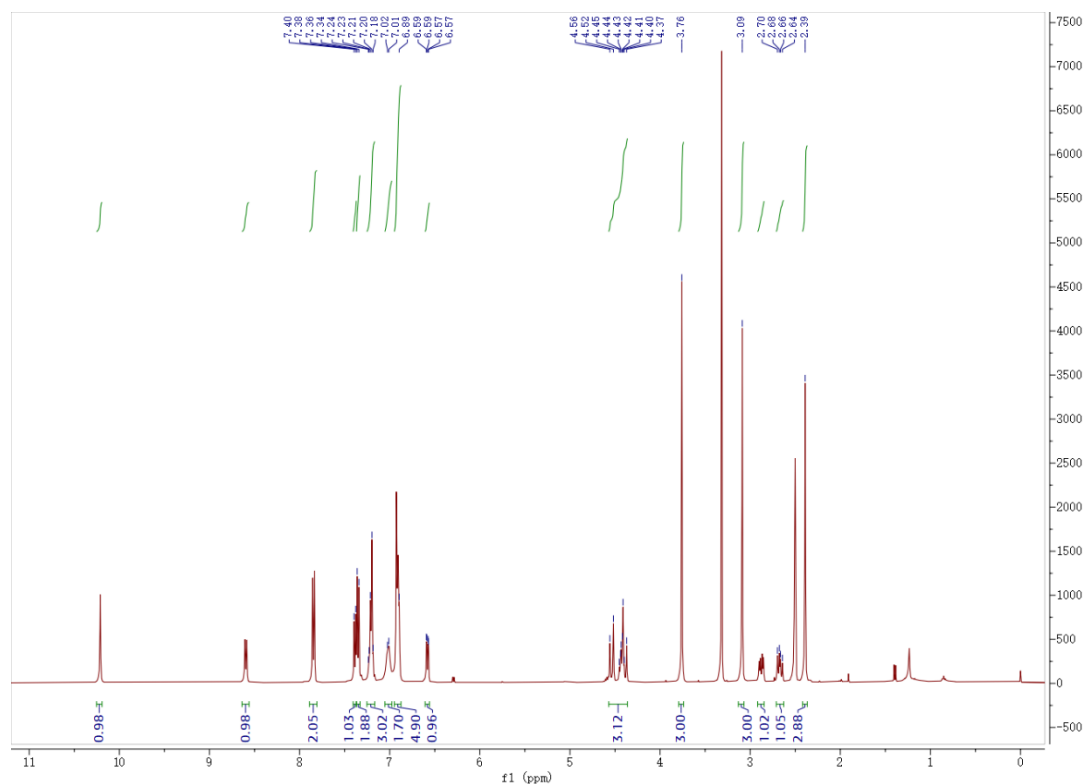
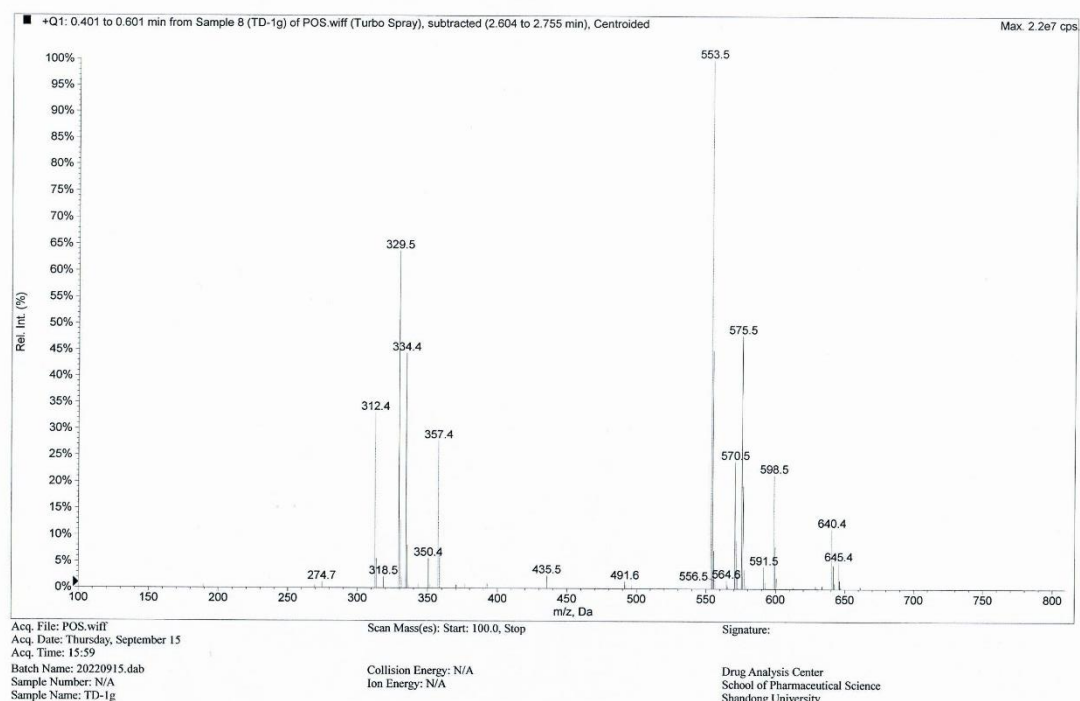
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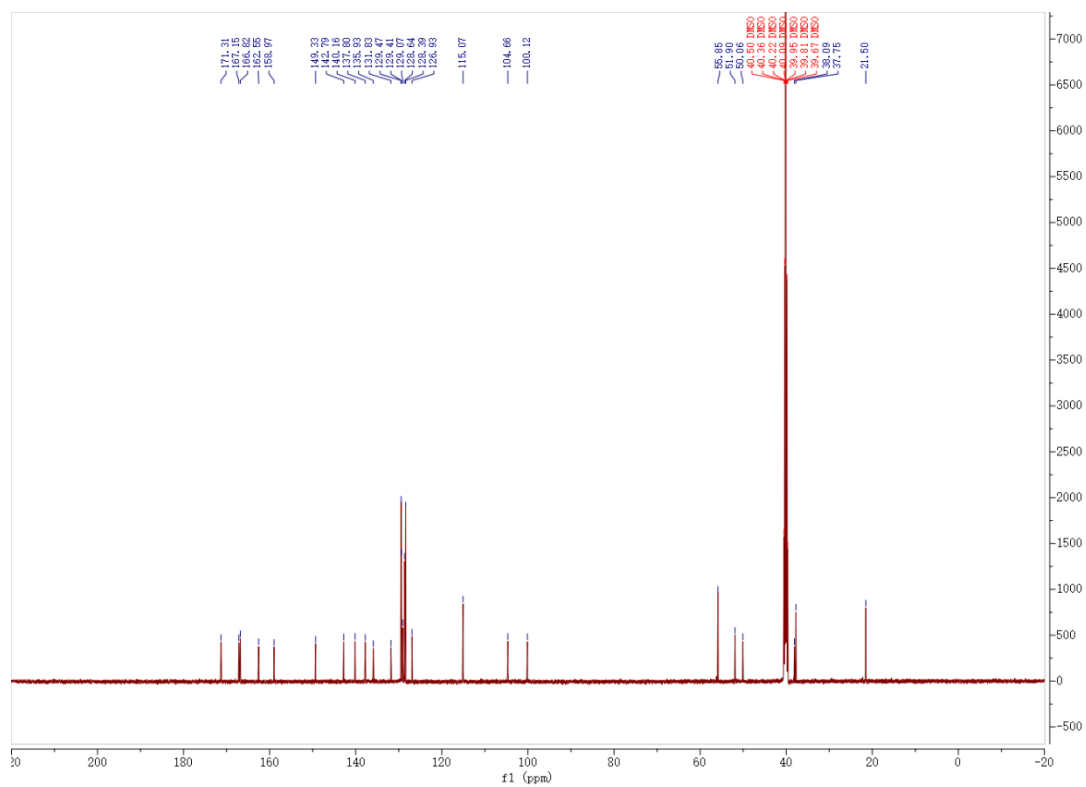




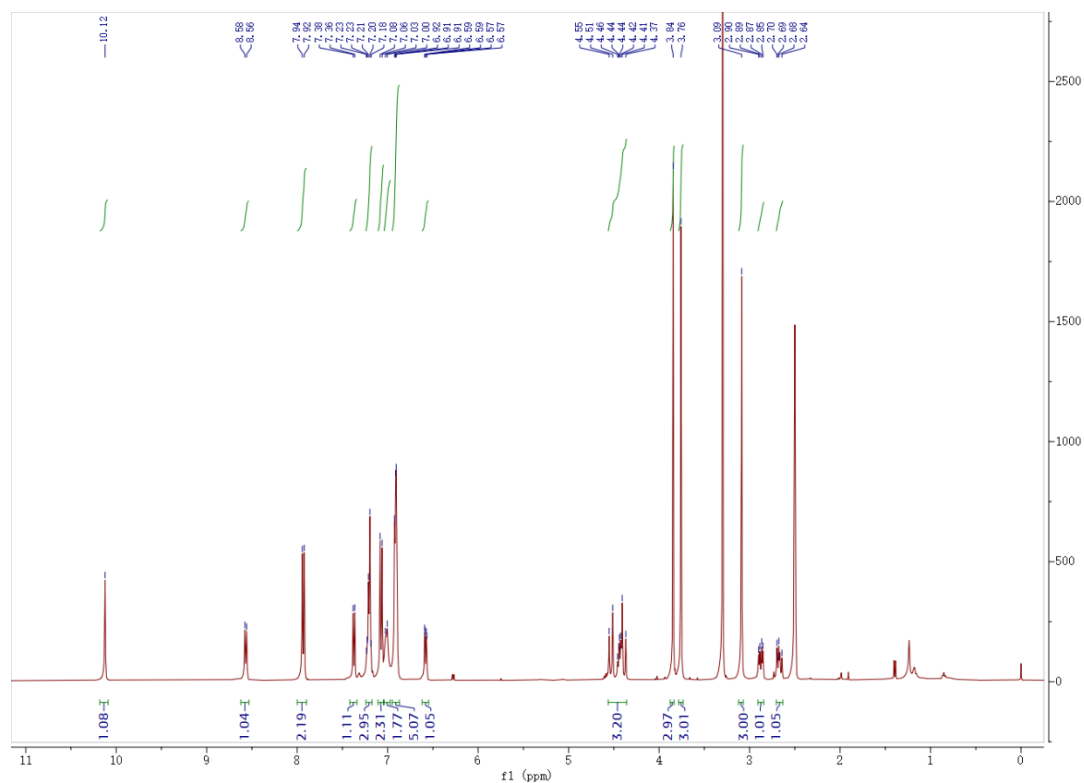
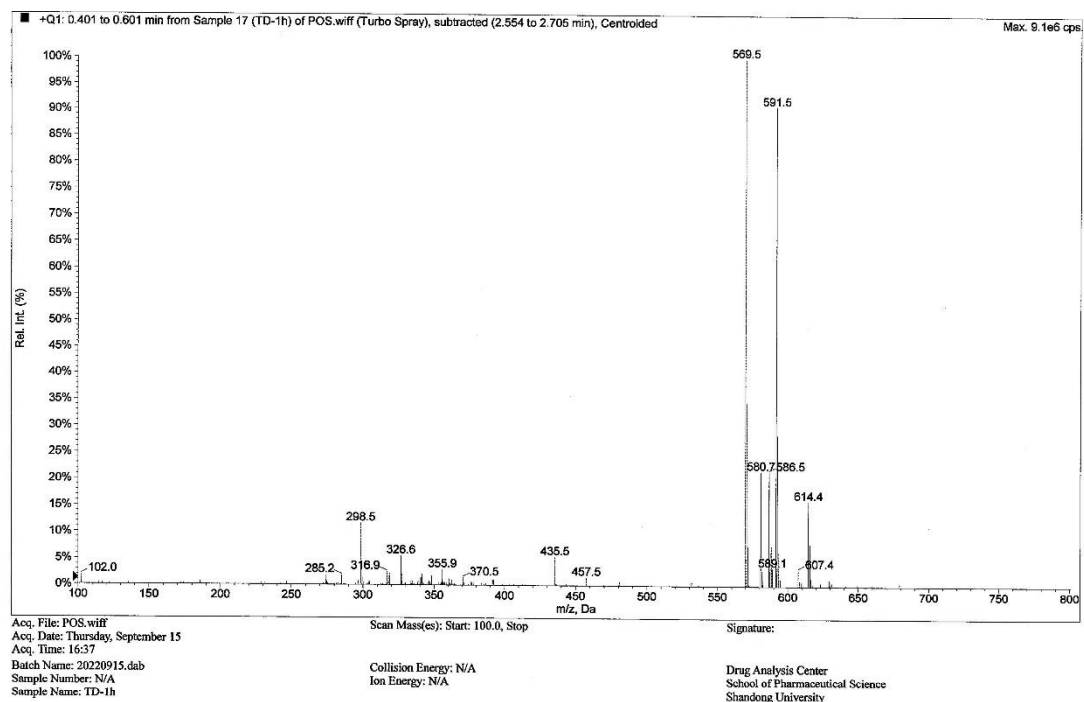


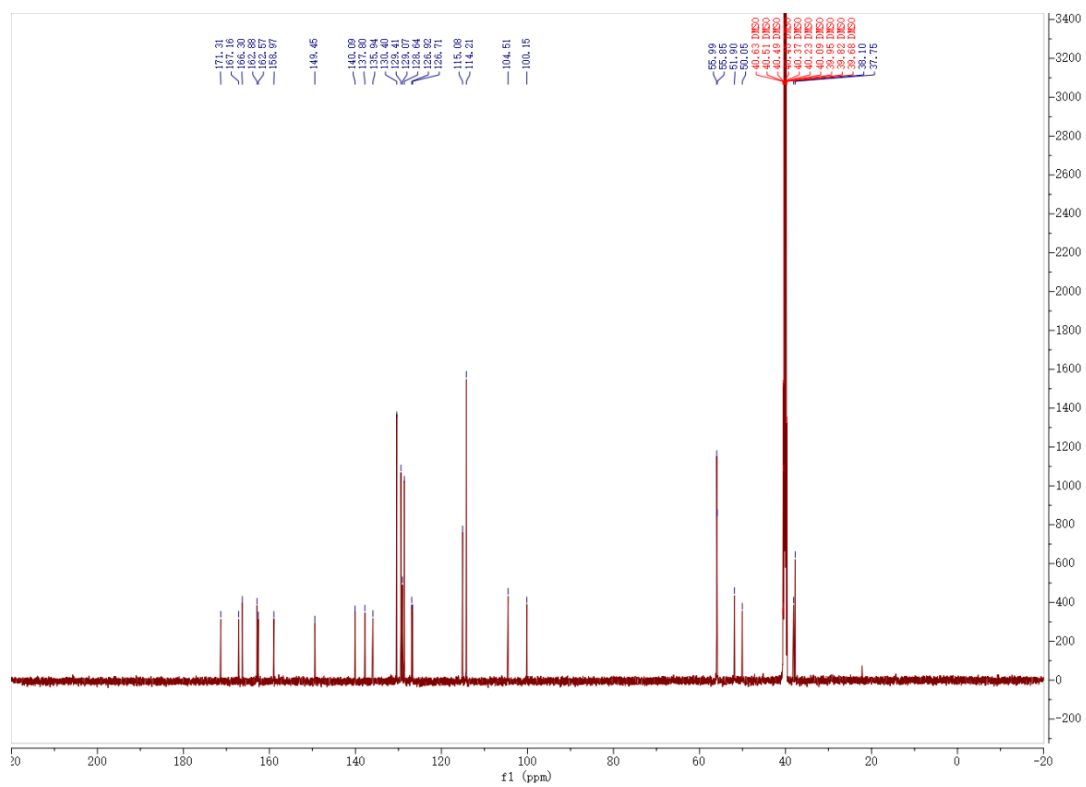
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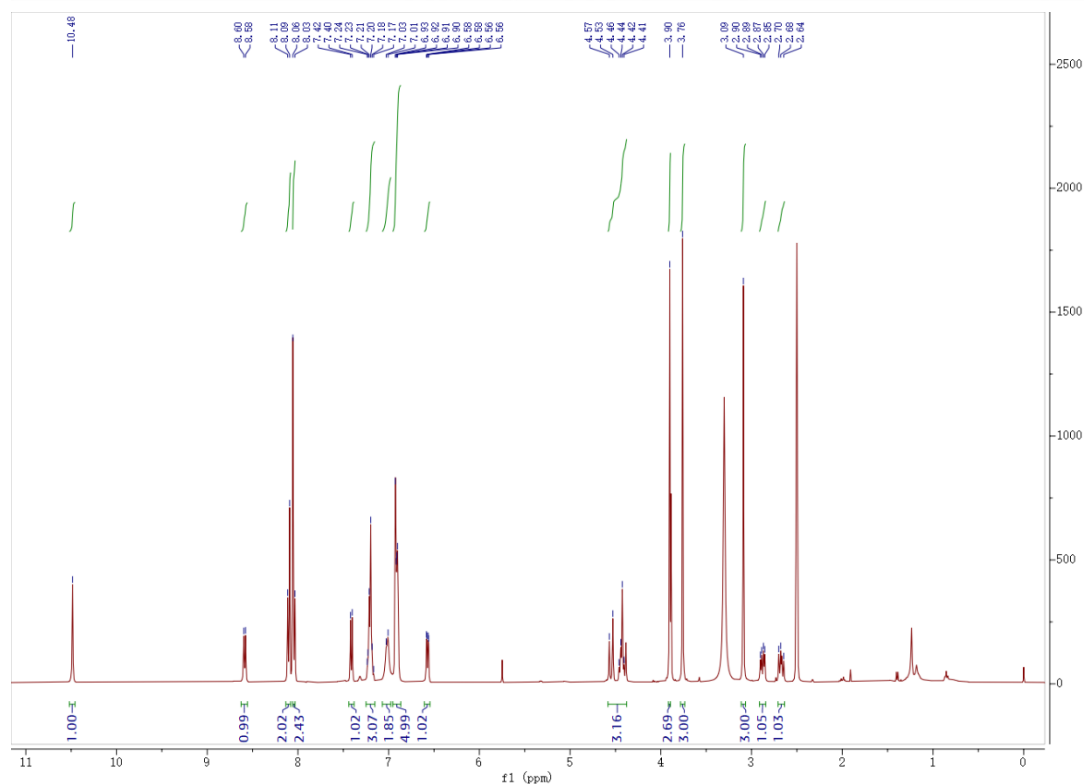
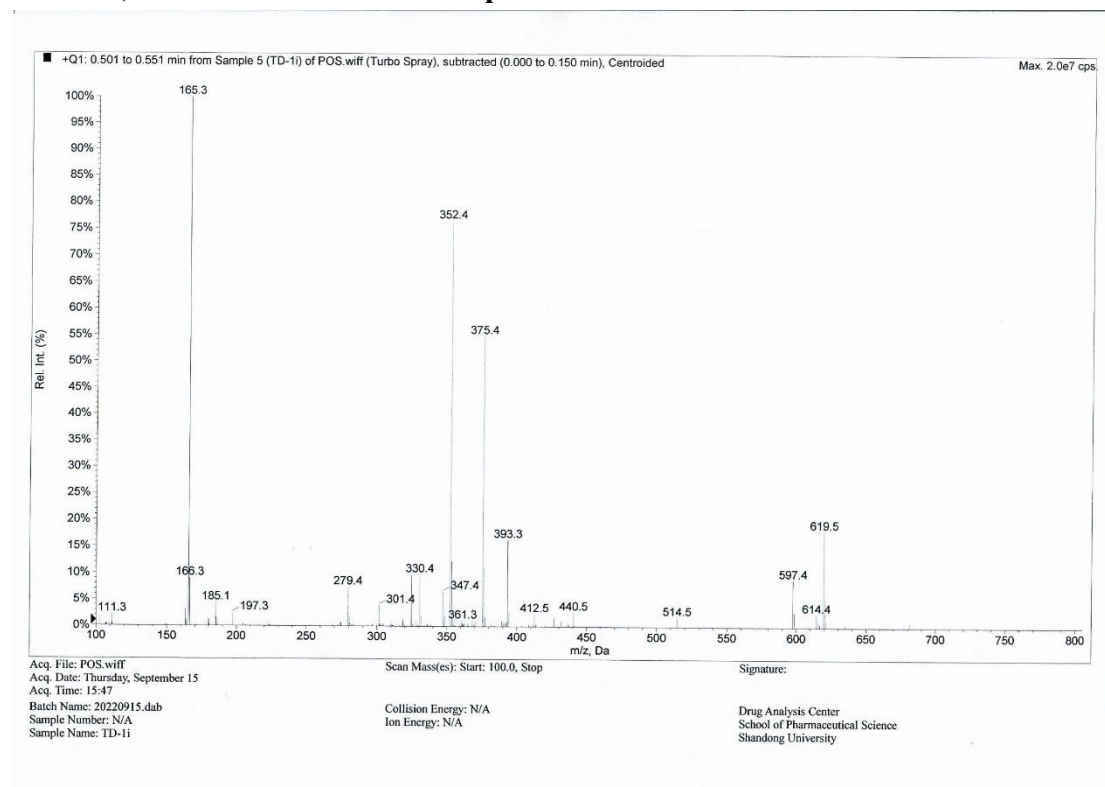


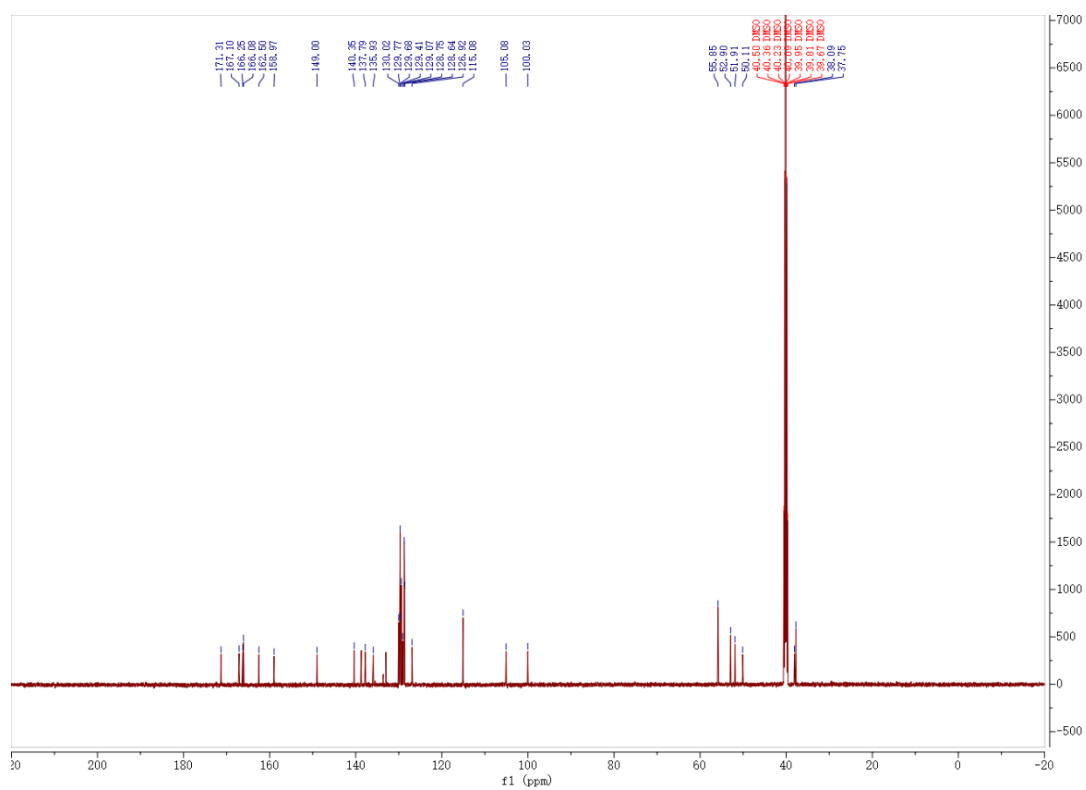
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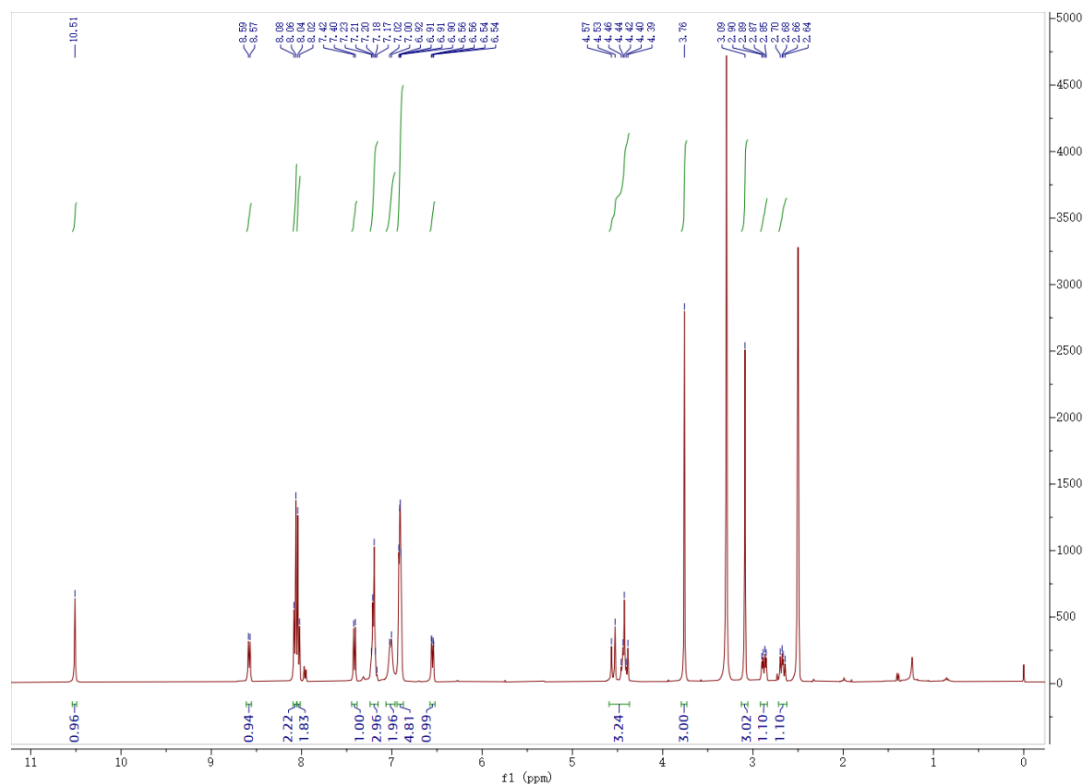
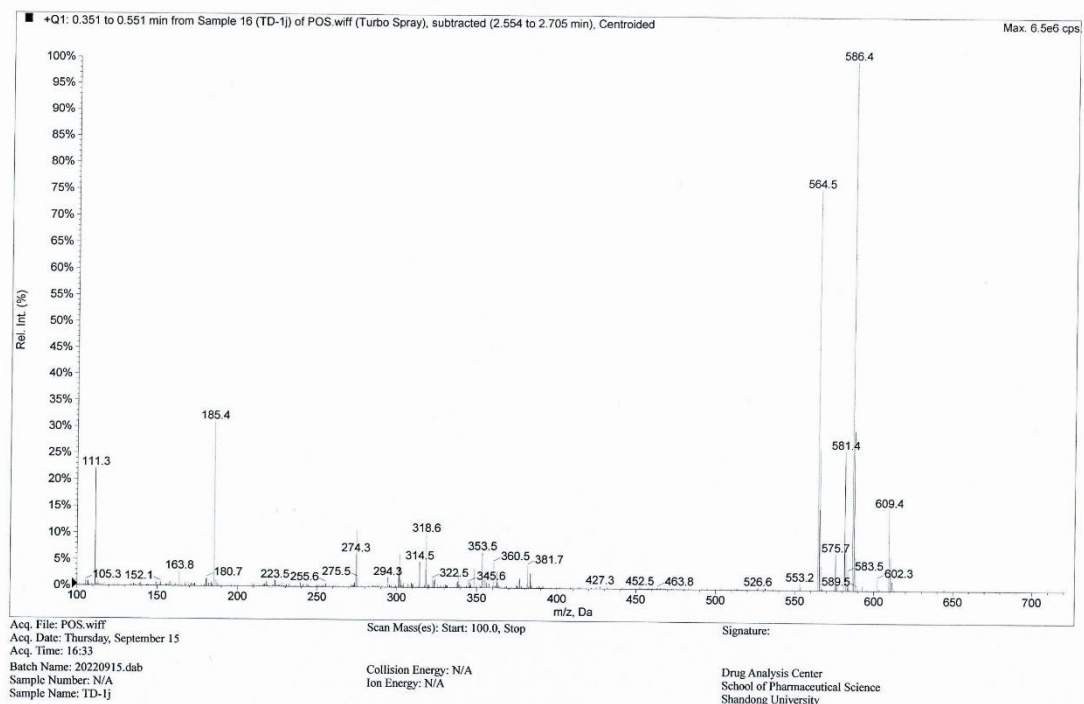


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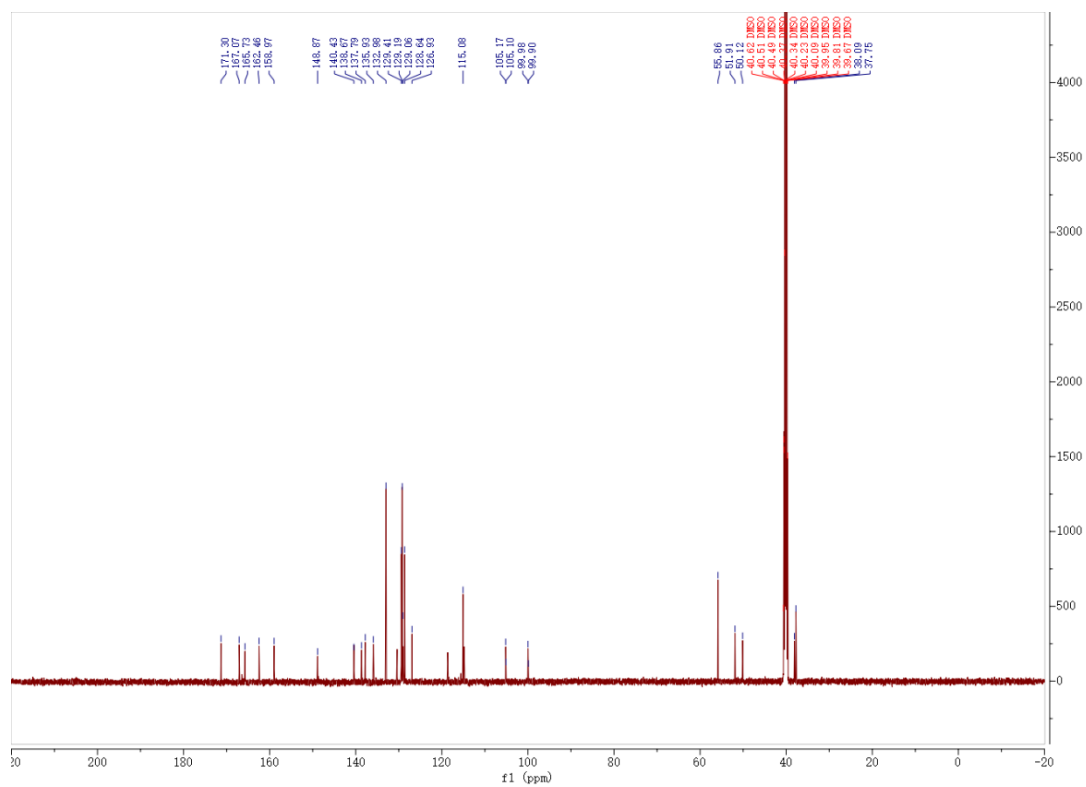




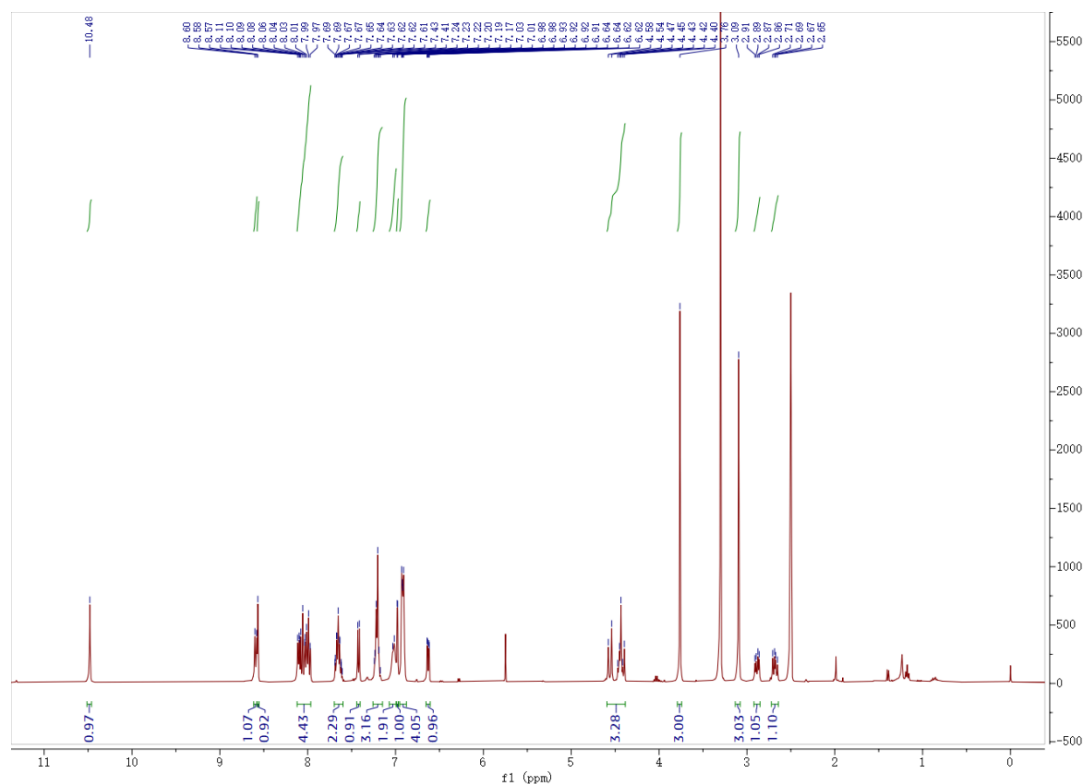
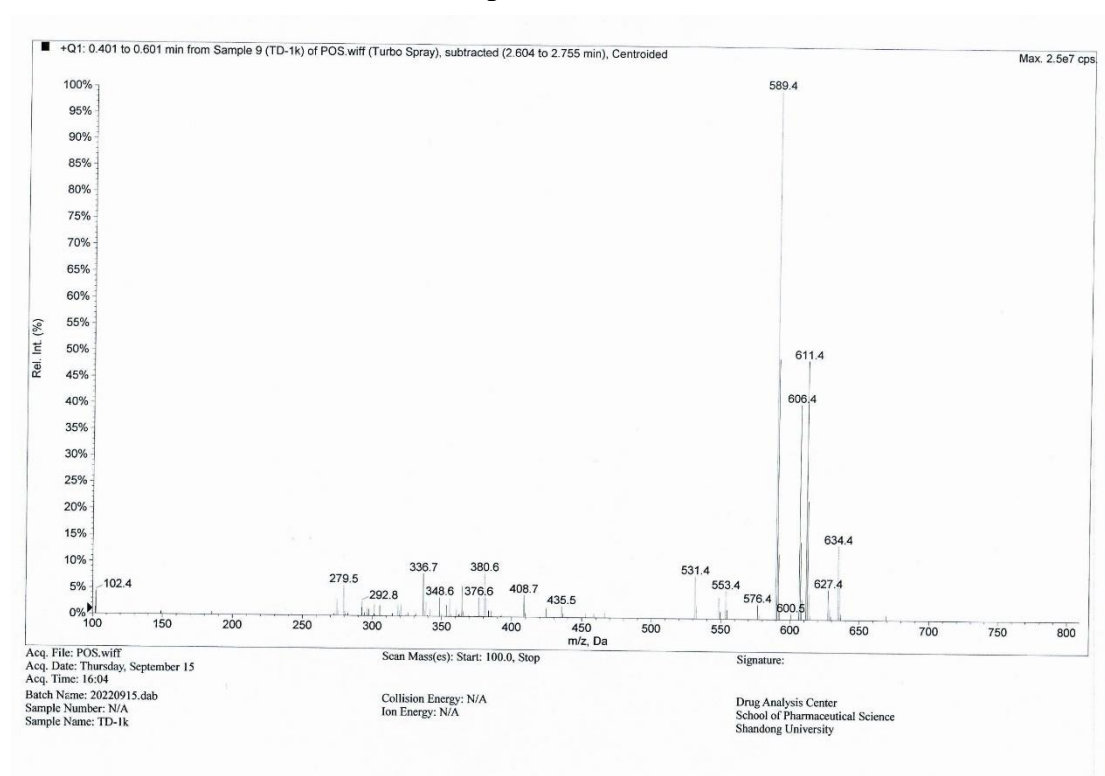
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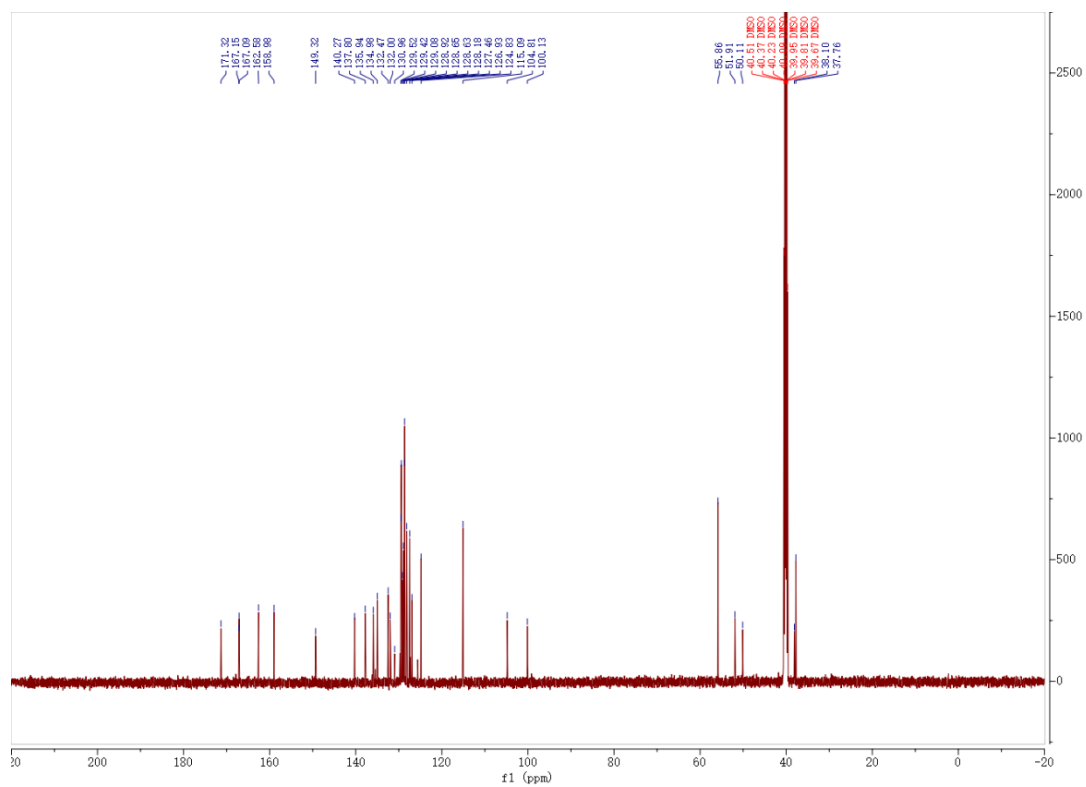




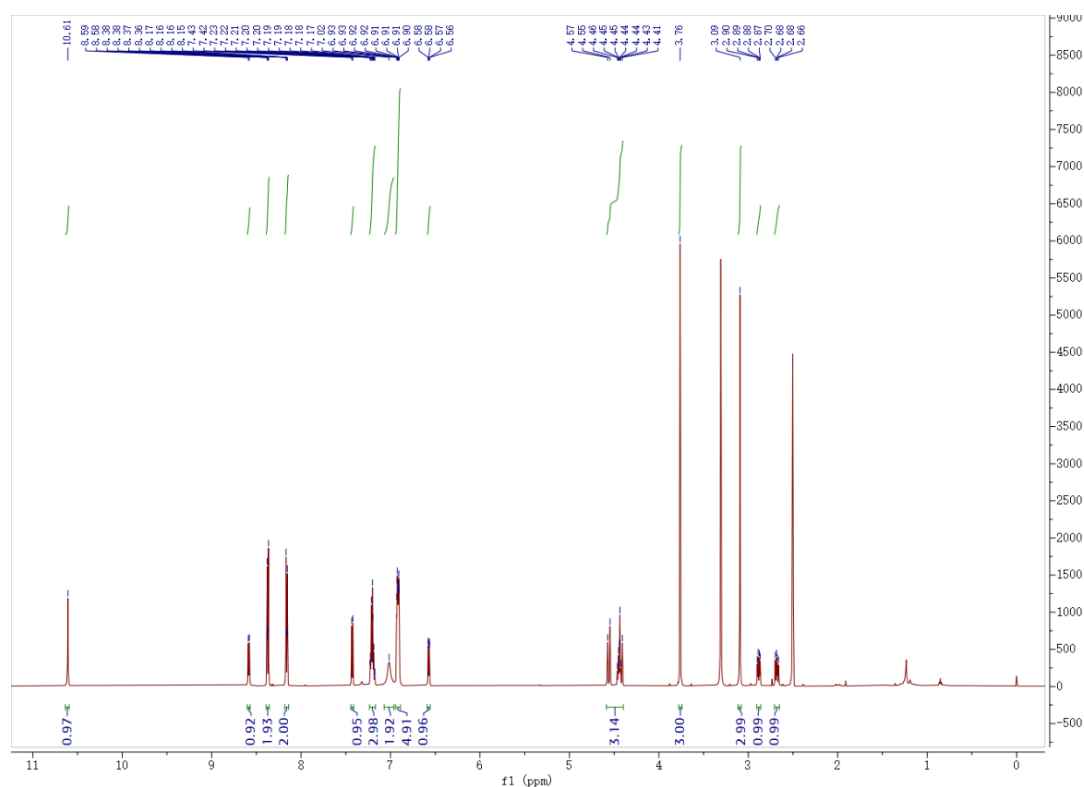
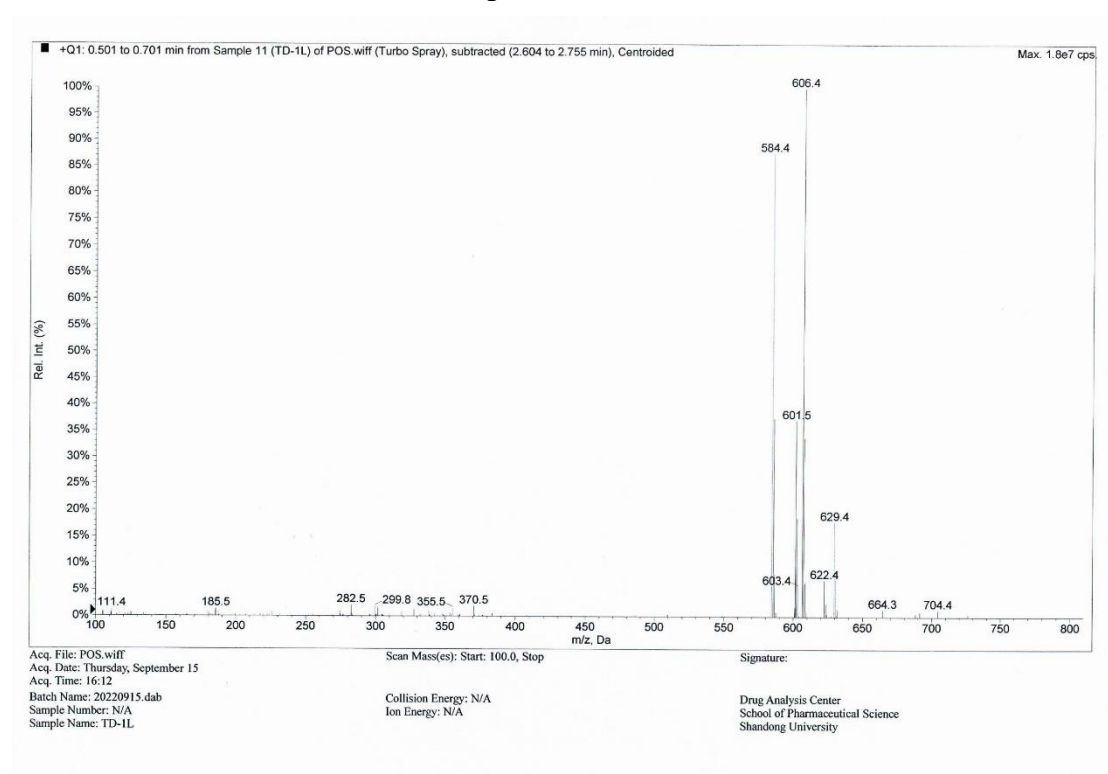


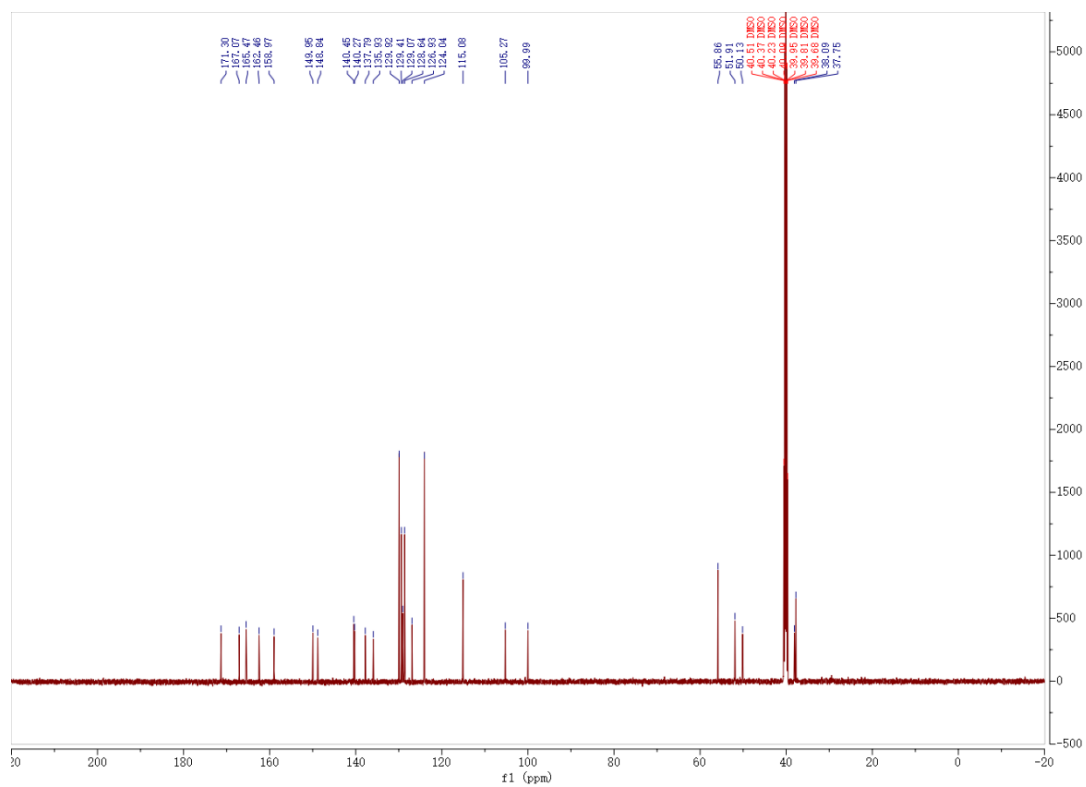
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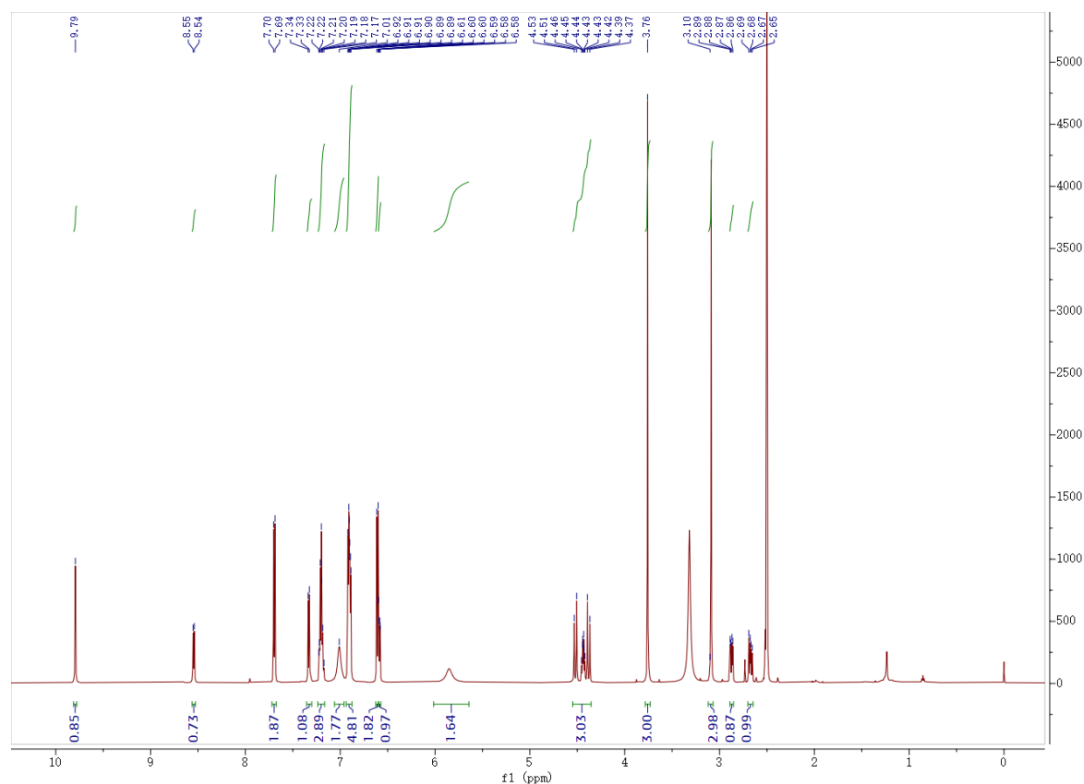
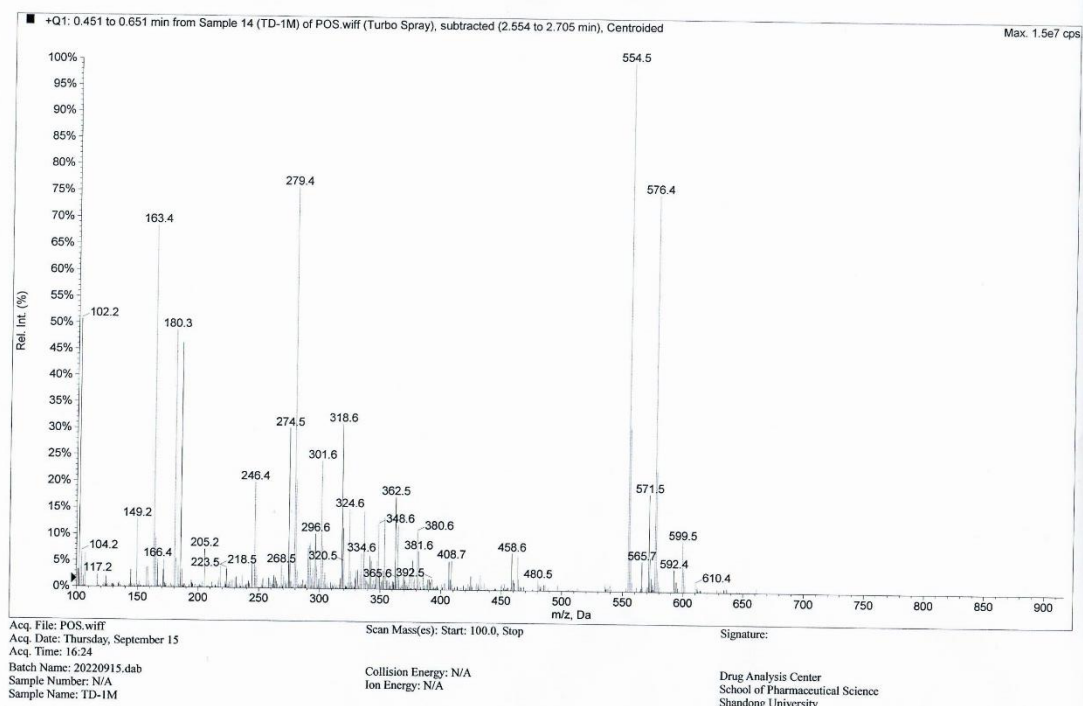


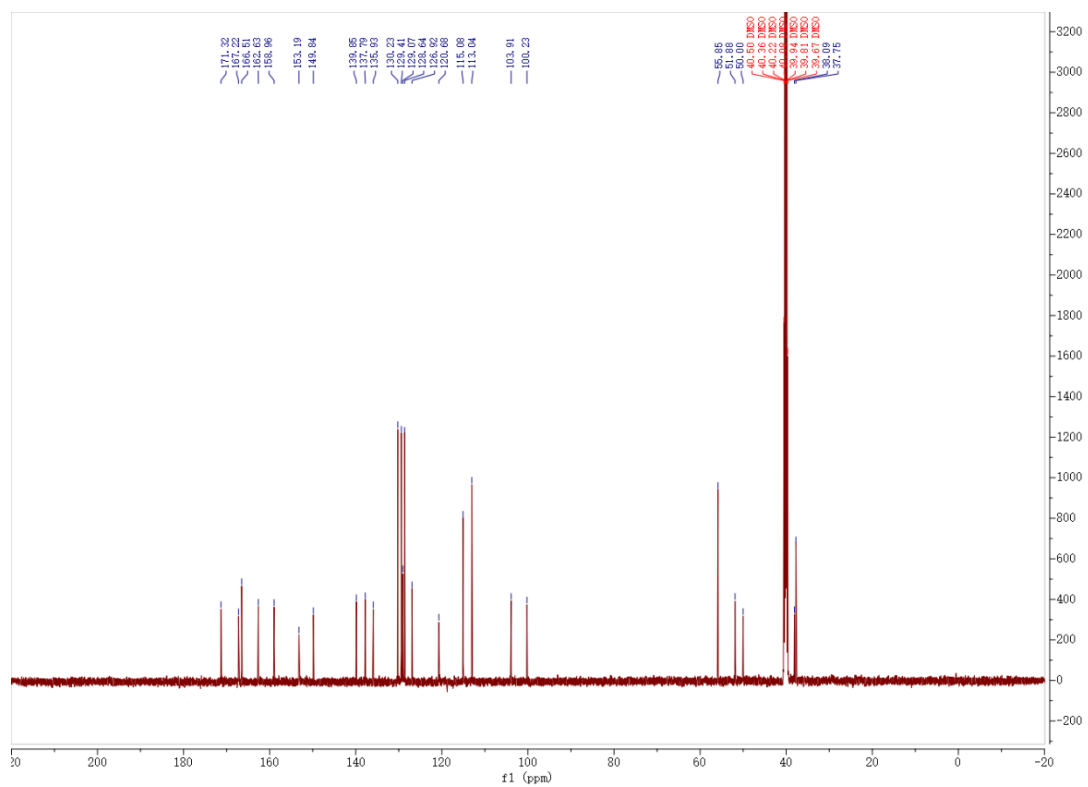
## 1.14 MS, $^1\text{H}$ -NMR and $^{13}\text{C}$ -NMR Spectra for TD-11





## 1.15 MS, $^1\text{H}$ -NMR and $^{13}\text{C}$ -NMR Spectra for TD-1m





## 2 Standard Curve of Water Solubility

