

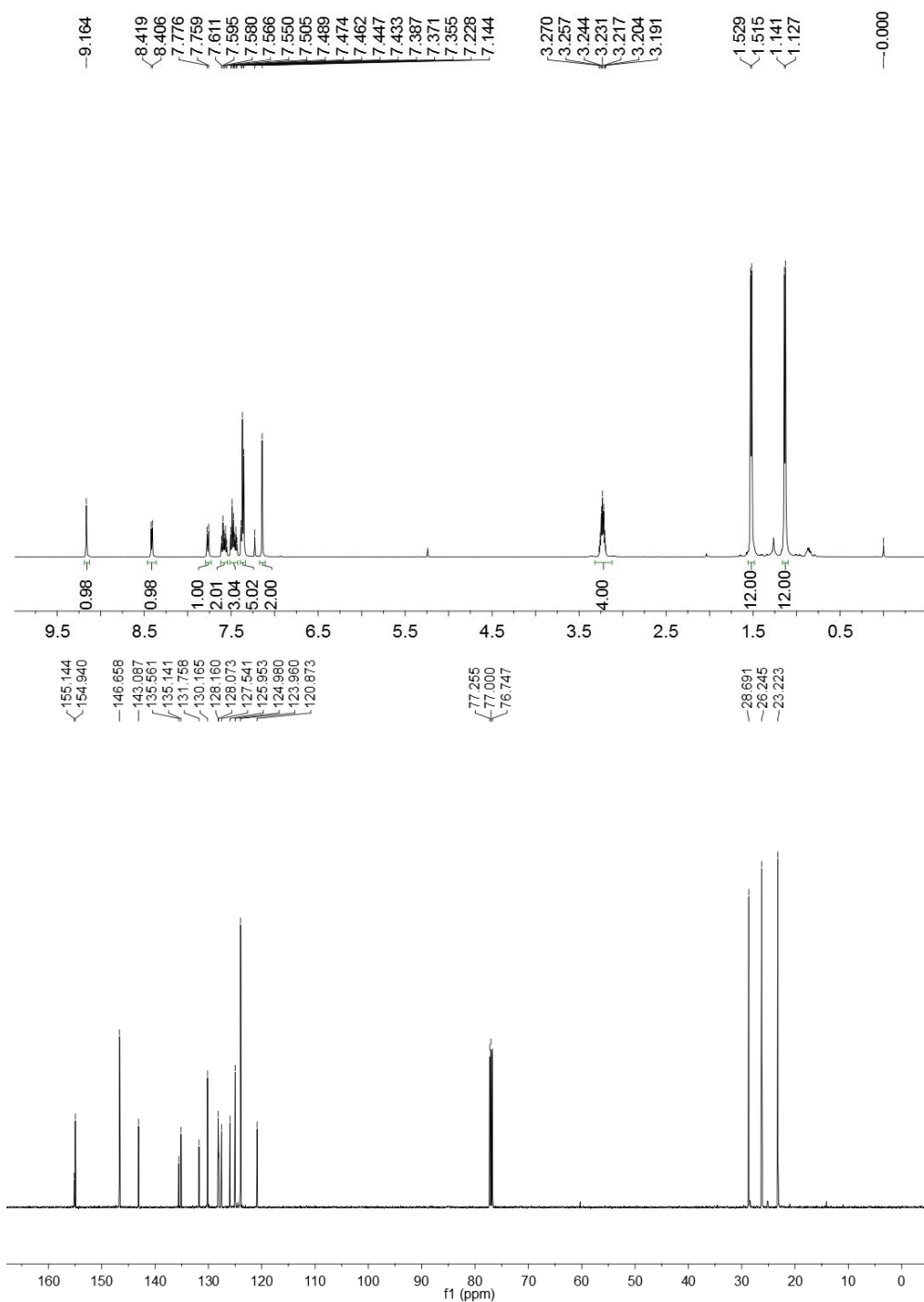
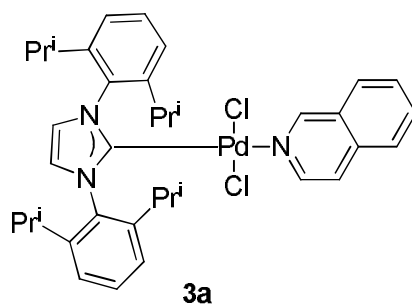
## Supporting Information

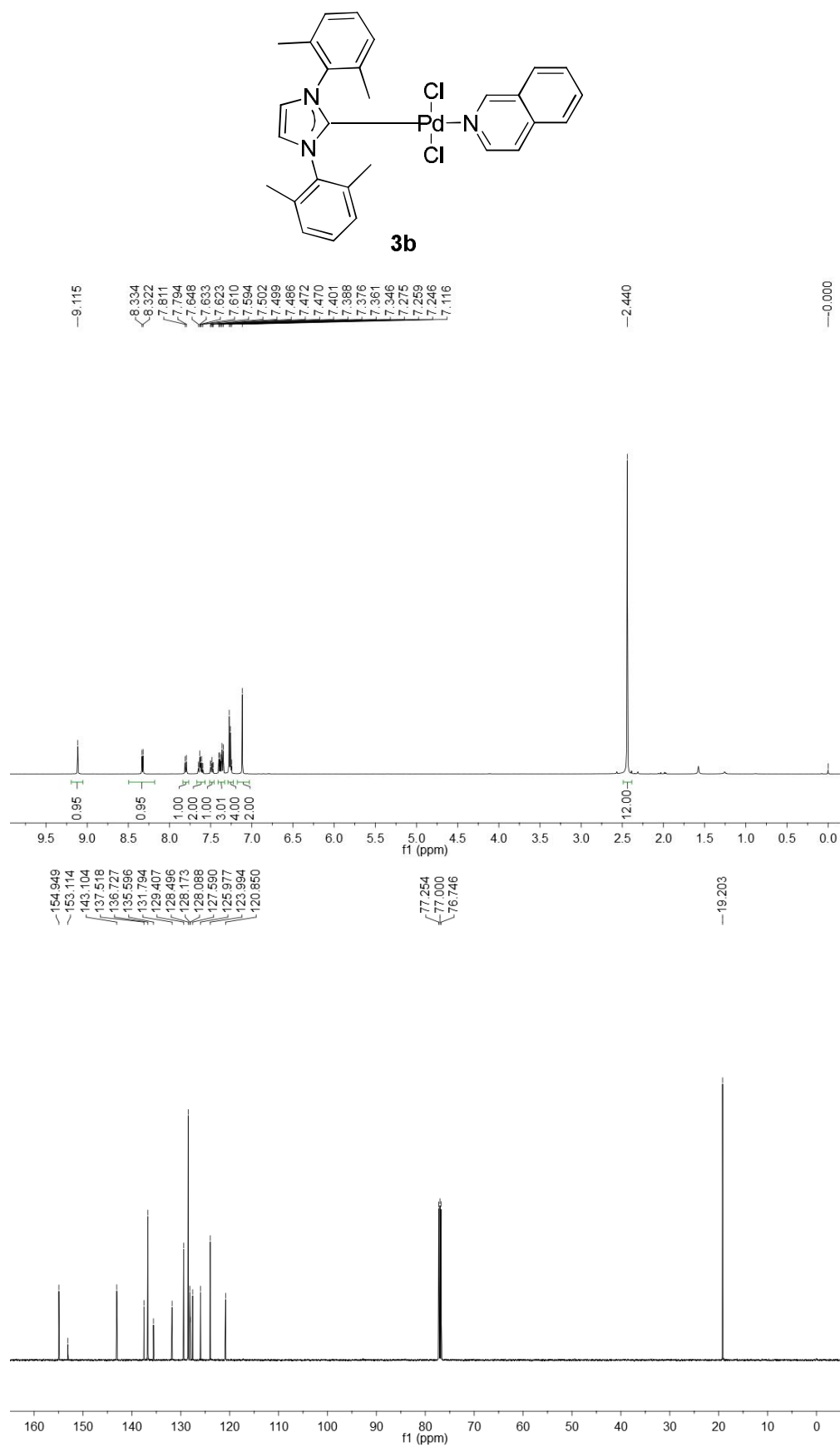
### **Synthesis of *N*-heterocyclic carbene-PdCl<sub>2</sub>-(iso)quinoline complexes and their application in arylation at low catalyst loadings**

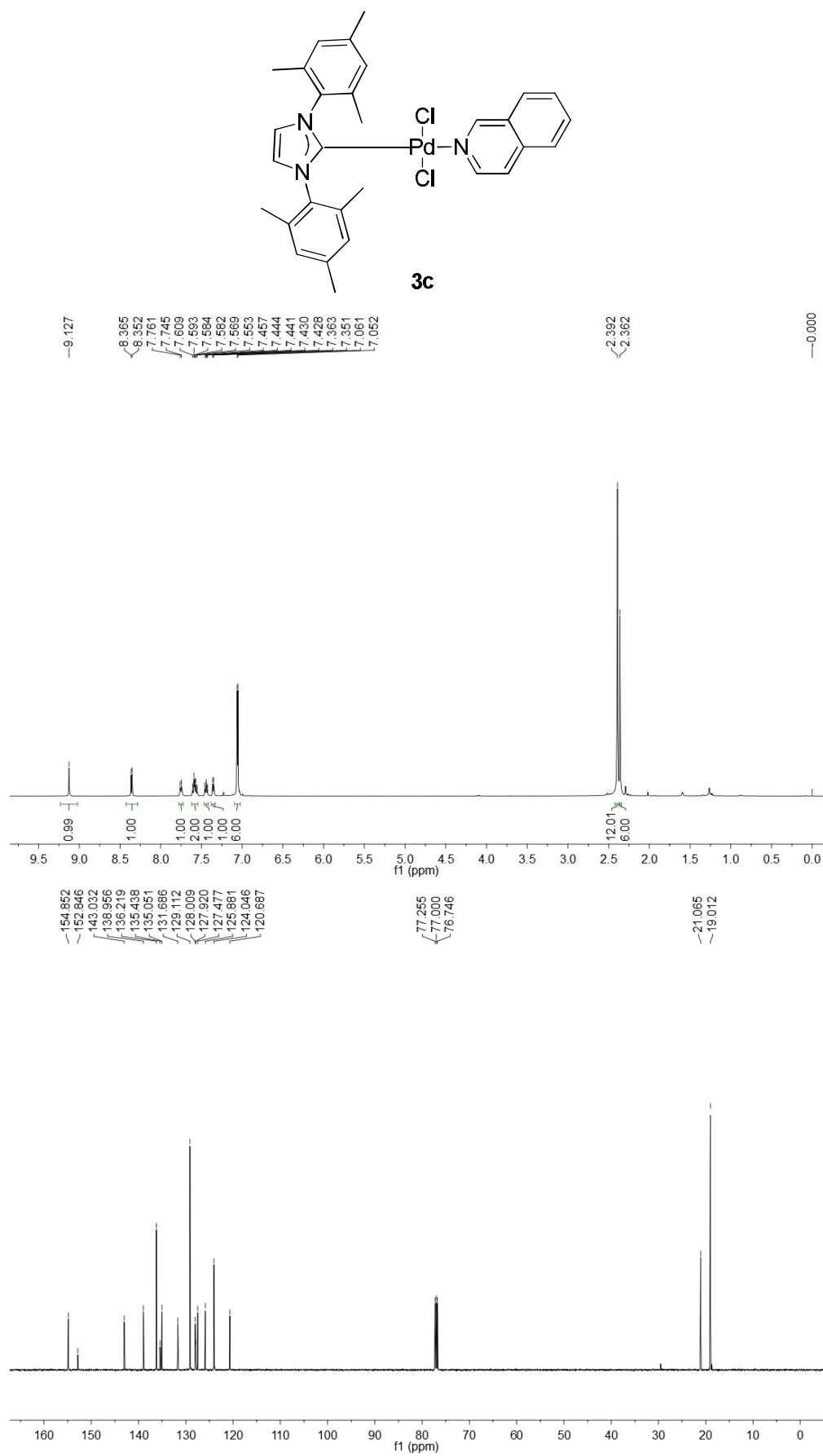
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University Town, Wenzhou, Zhejiang Province, 325035 People's Republic of China

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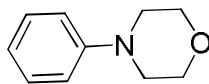




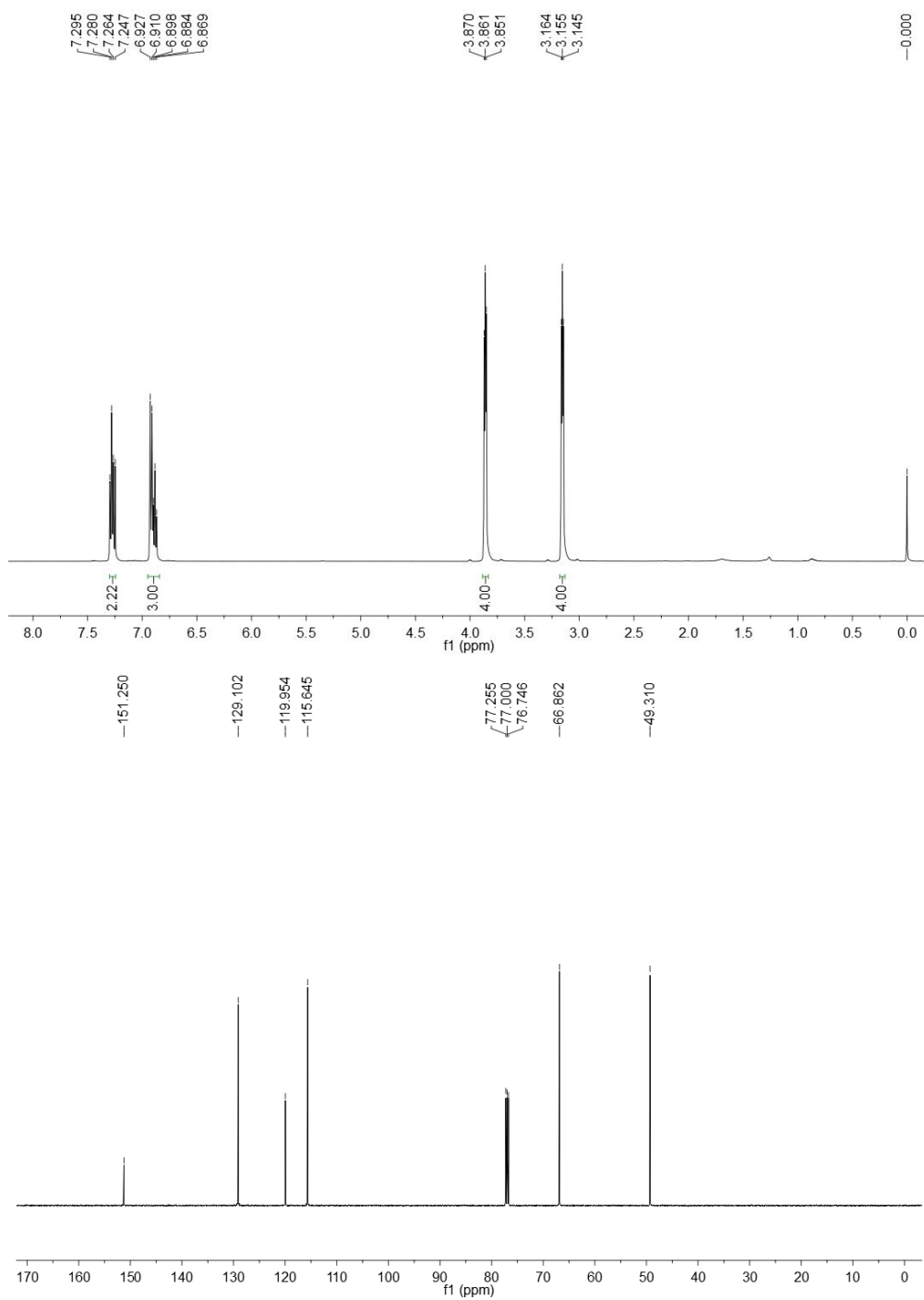


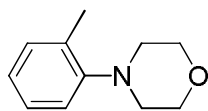




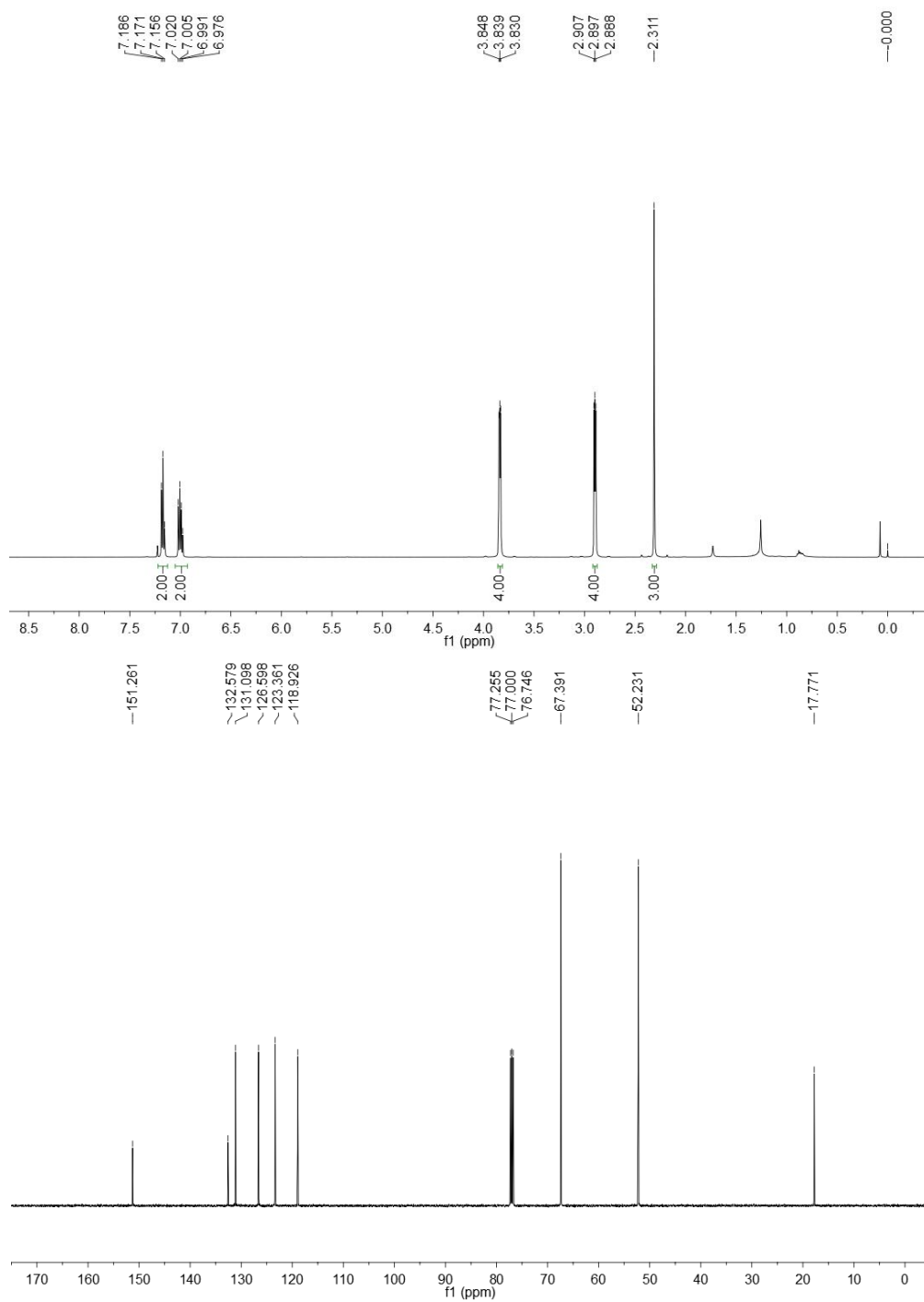


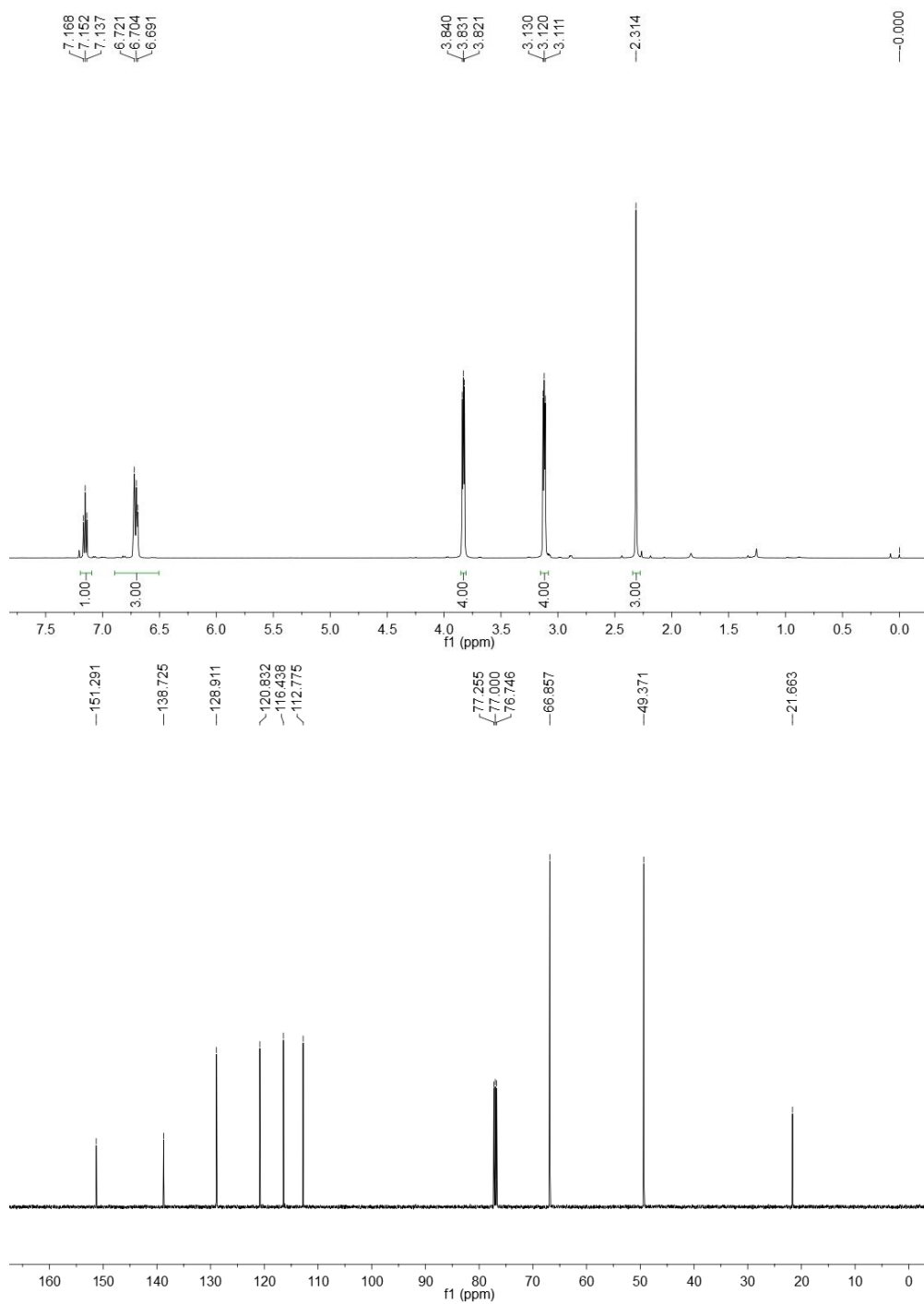
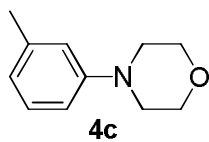
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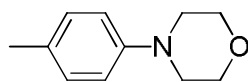




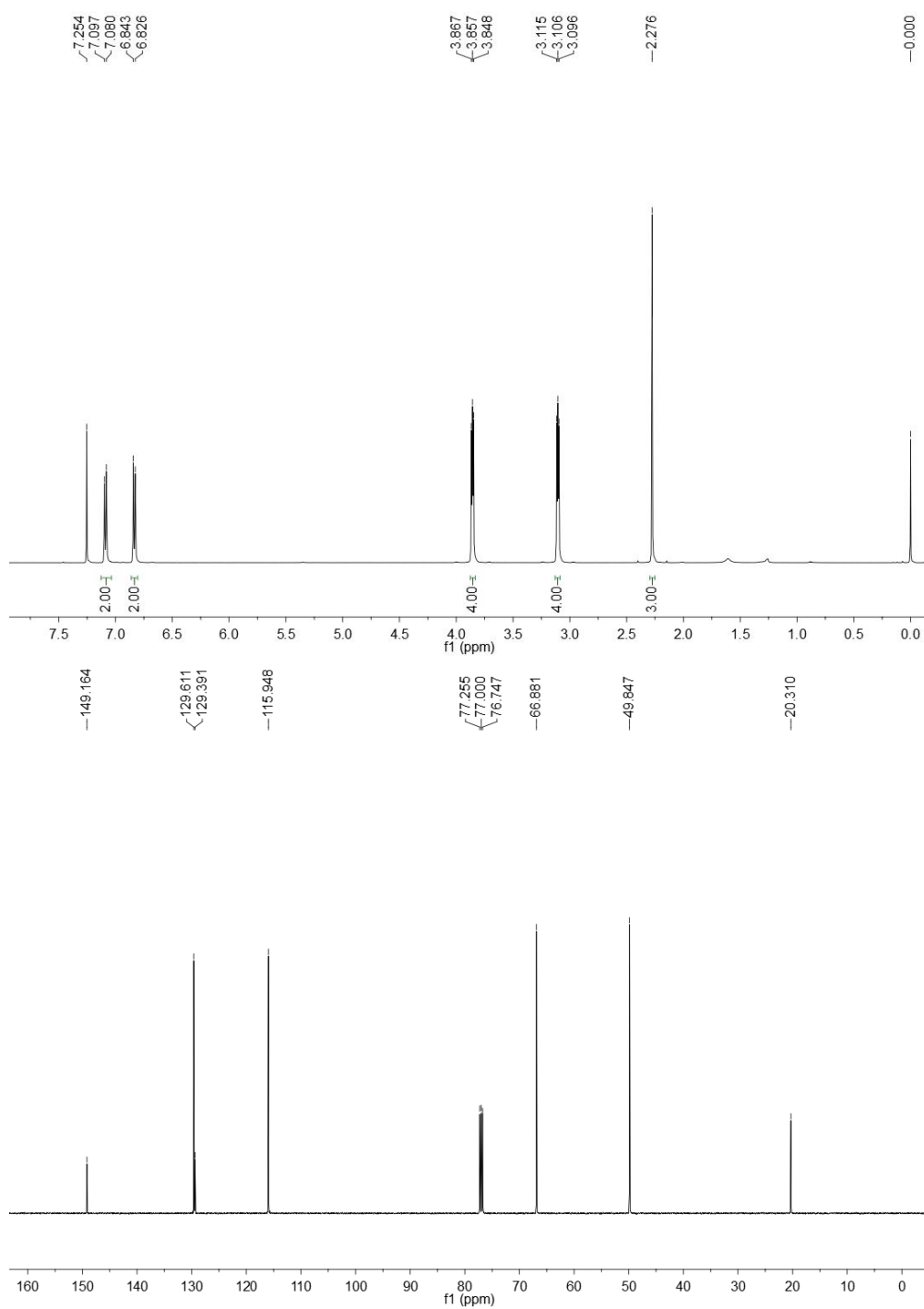
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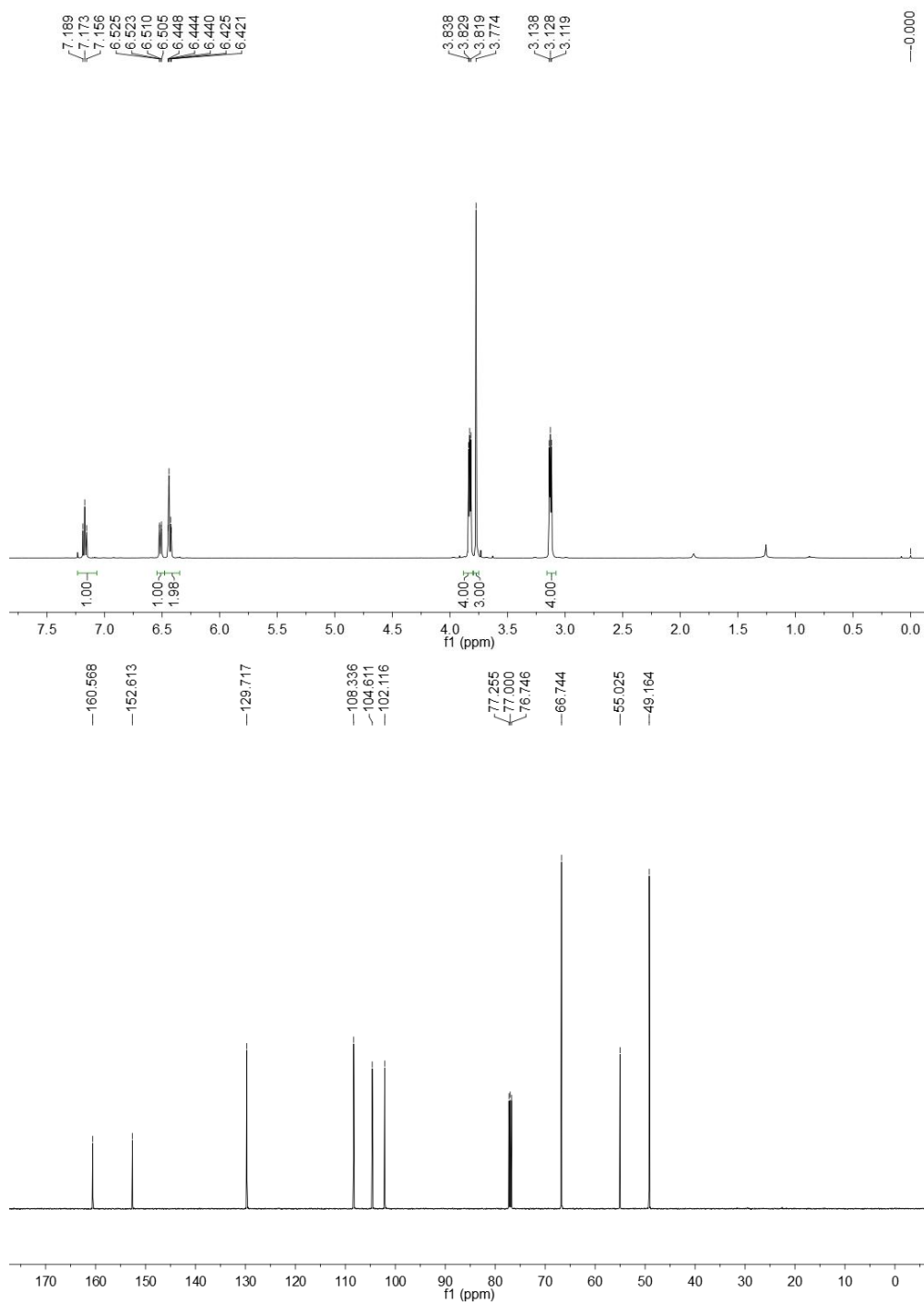
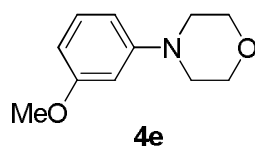


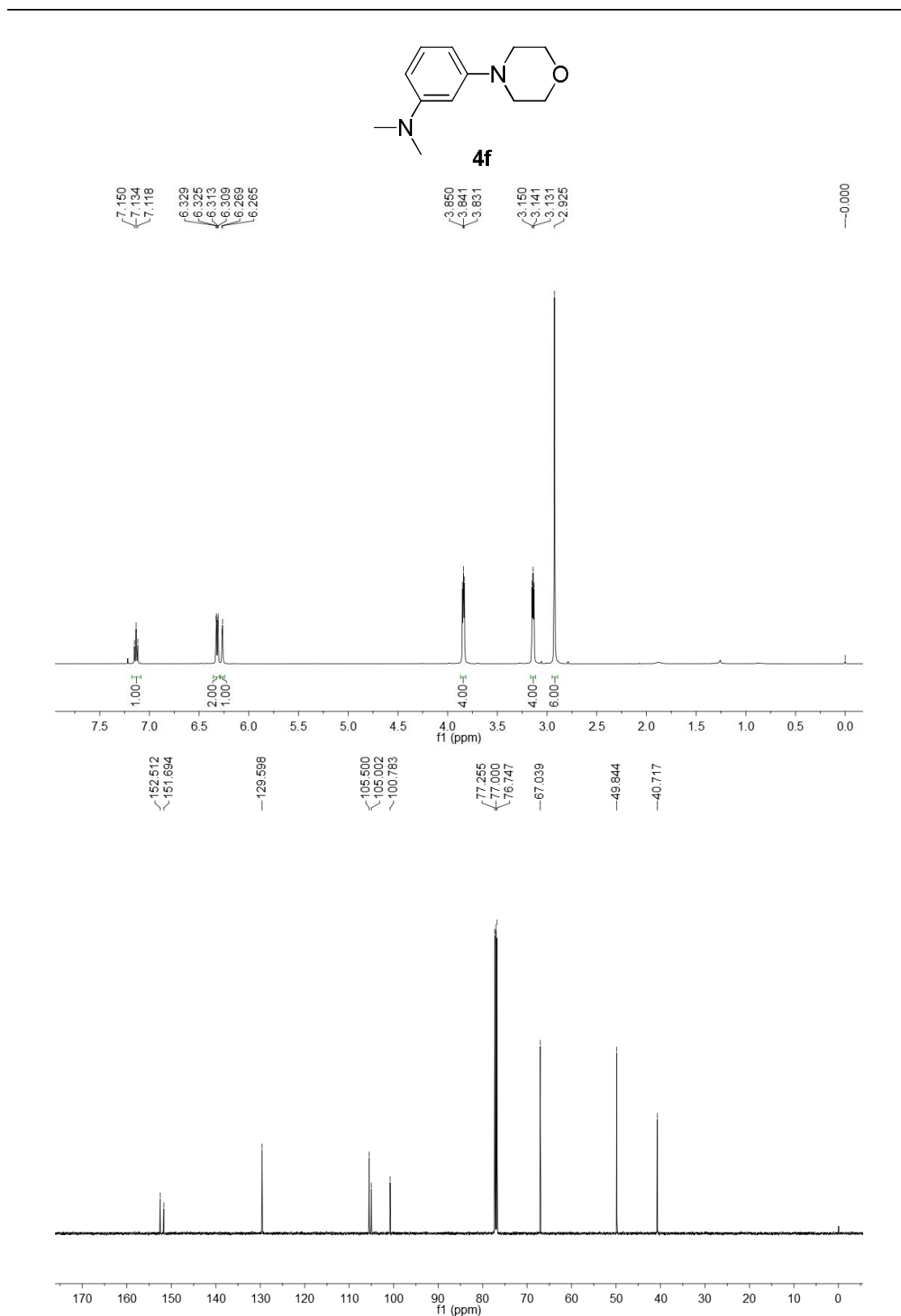




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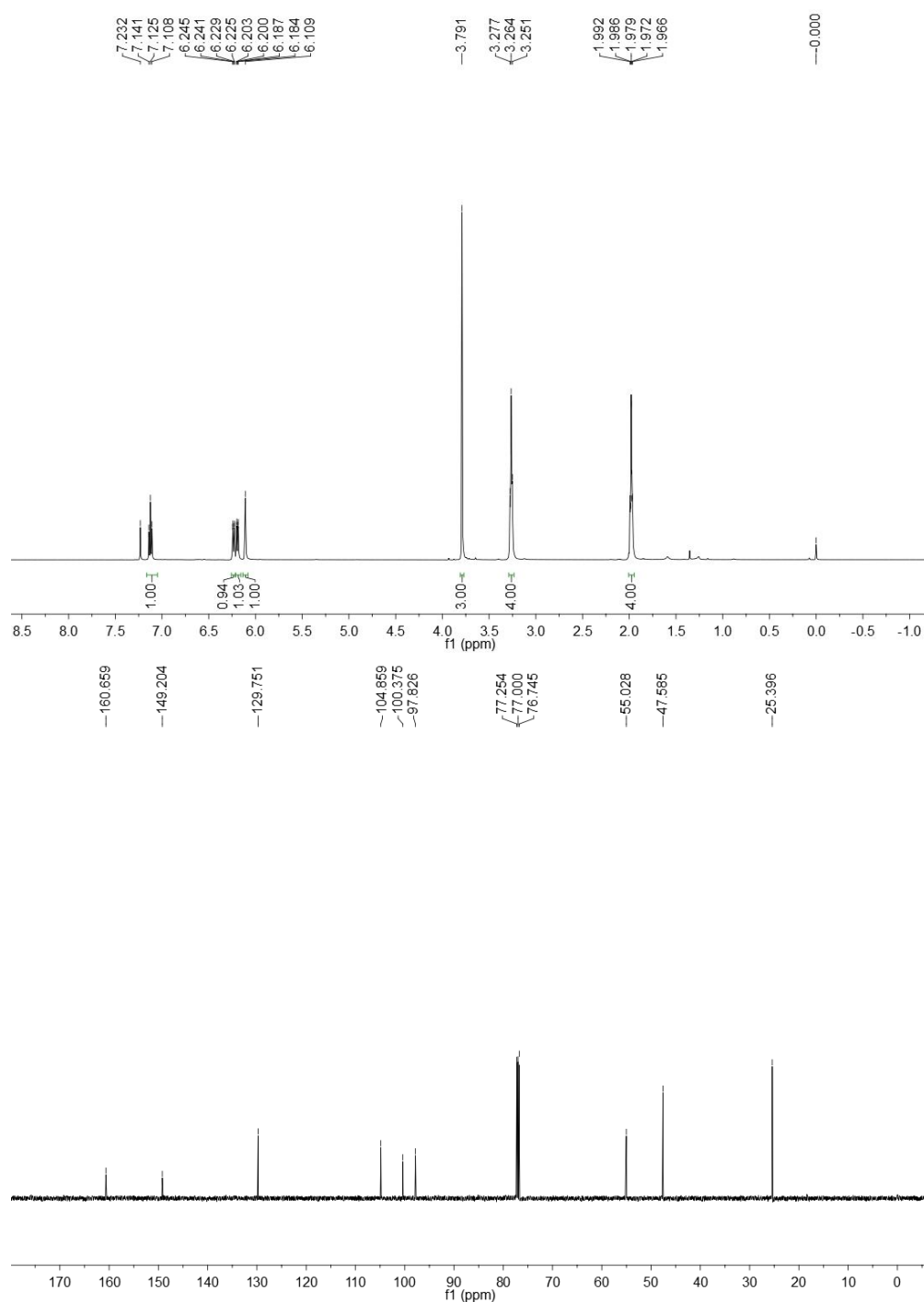
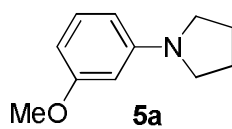


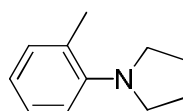




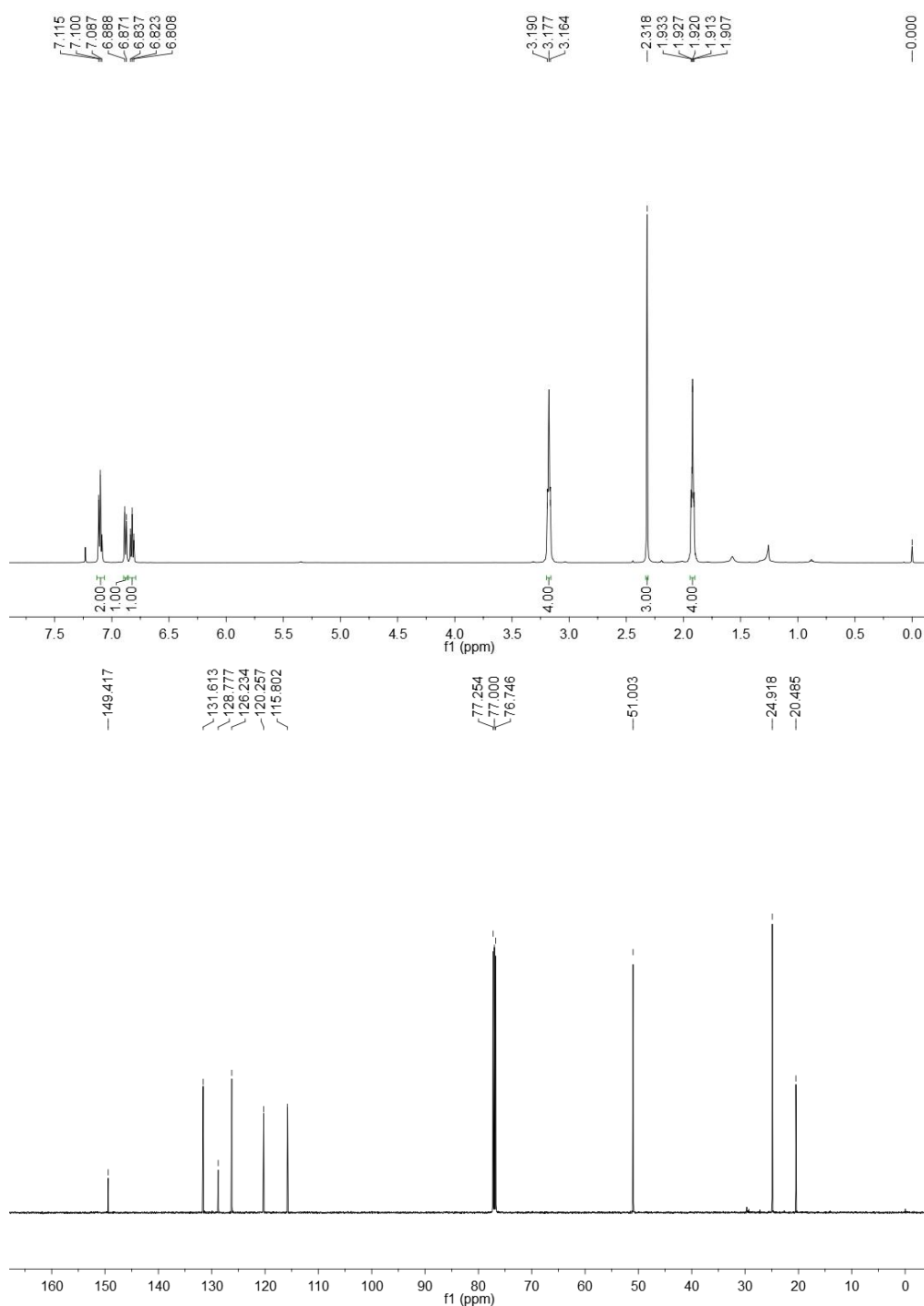


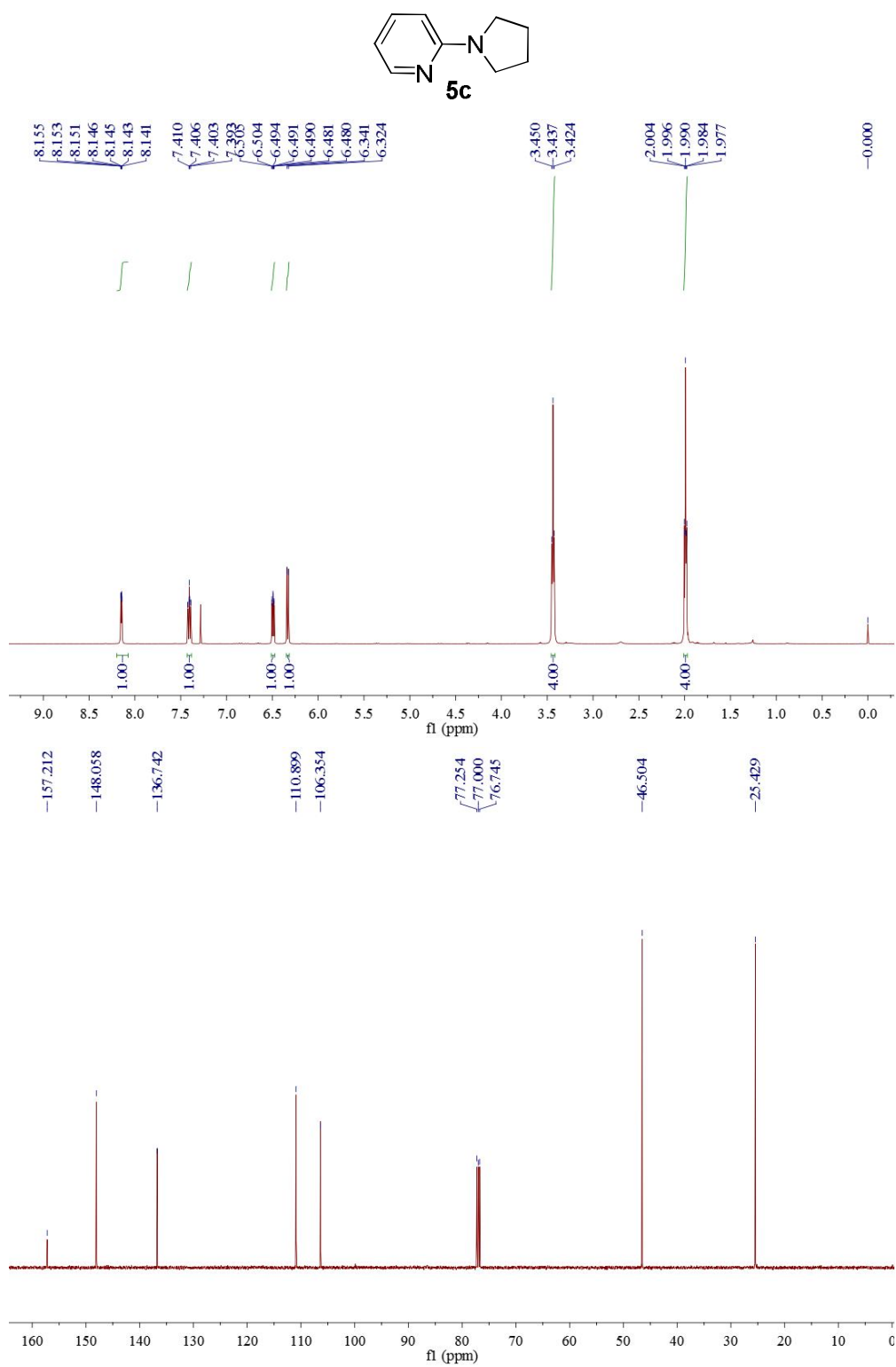


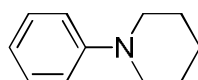




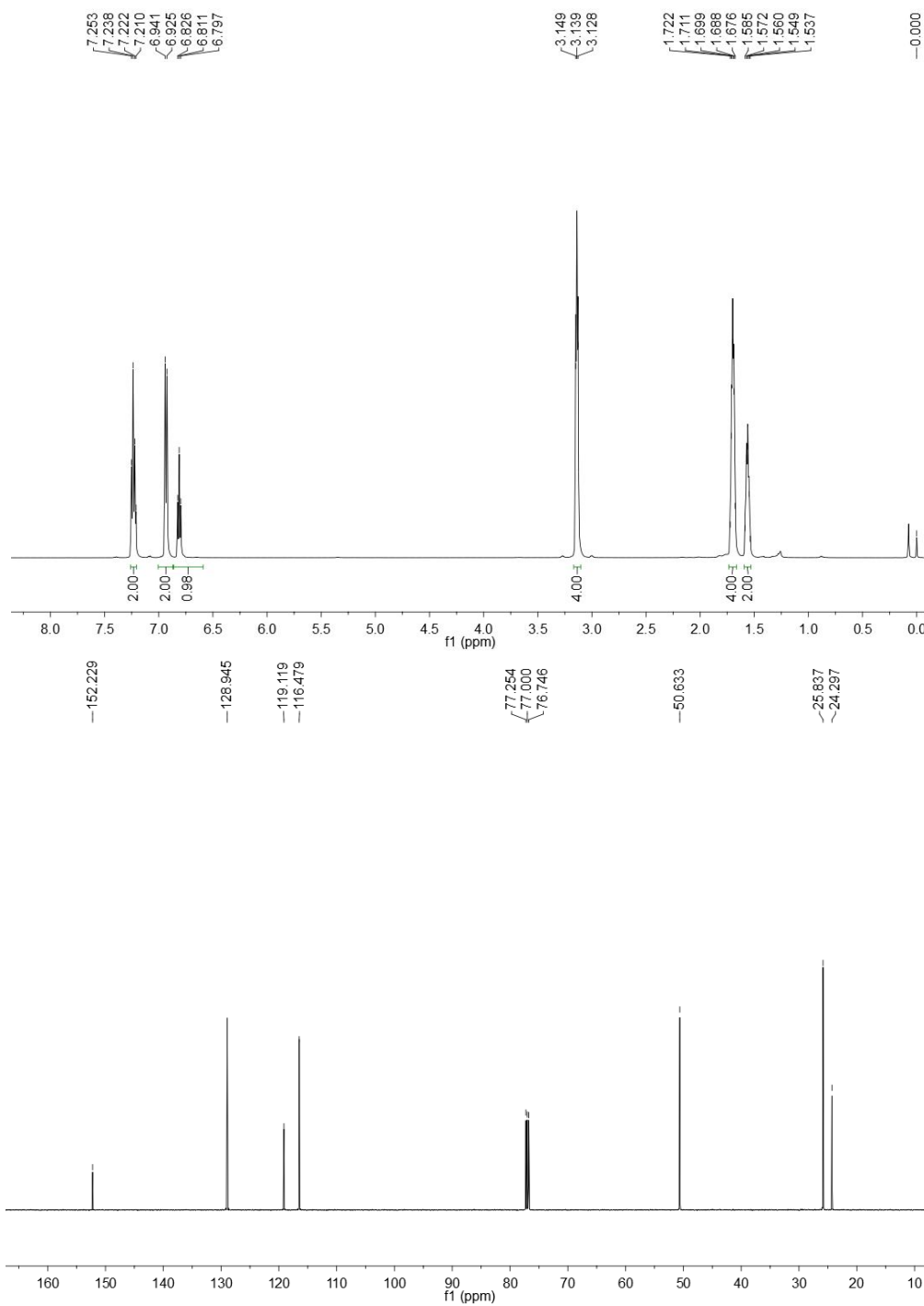
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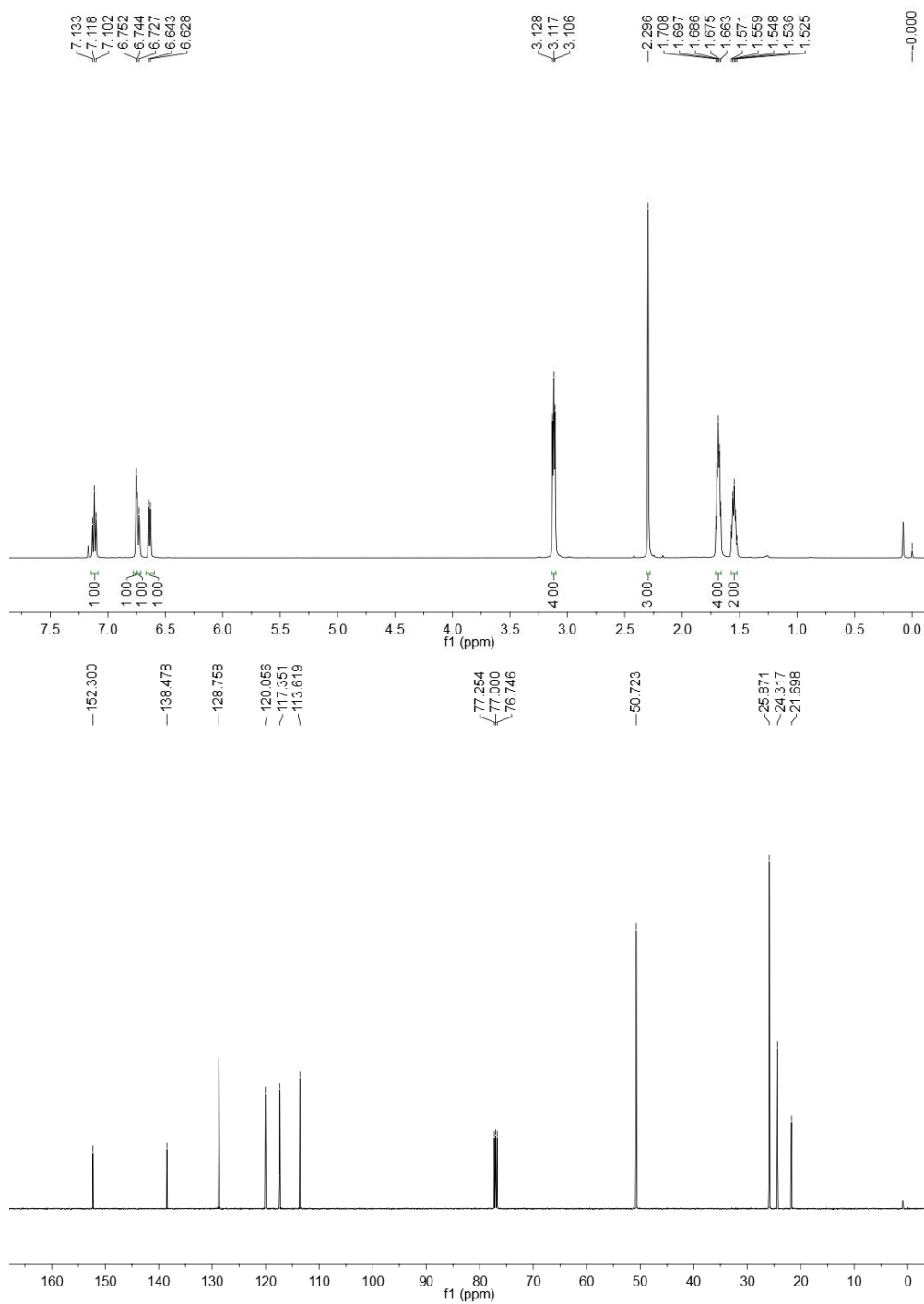
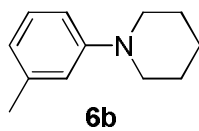


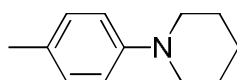




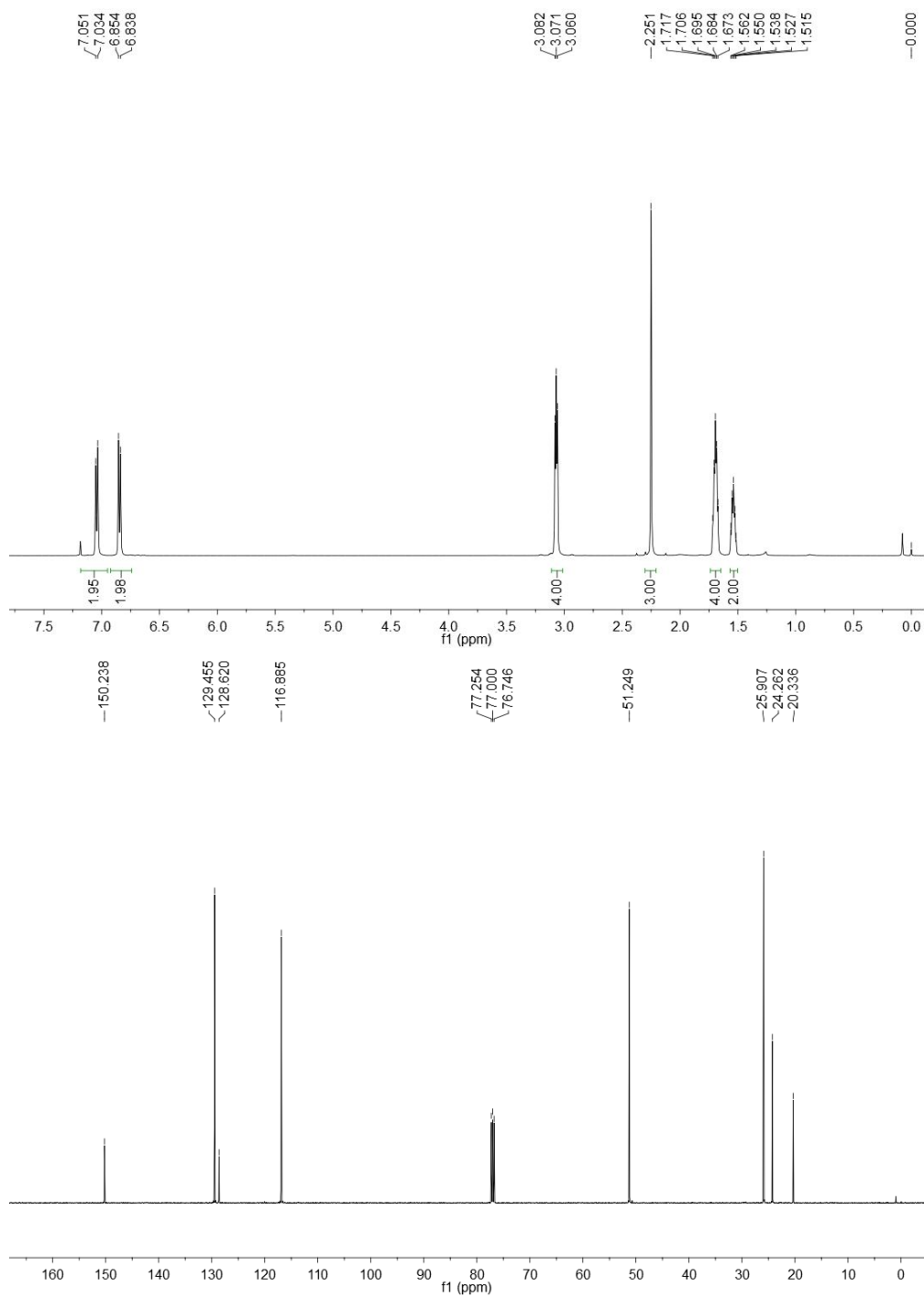
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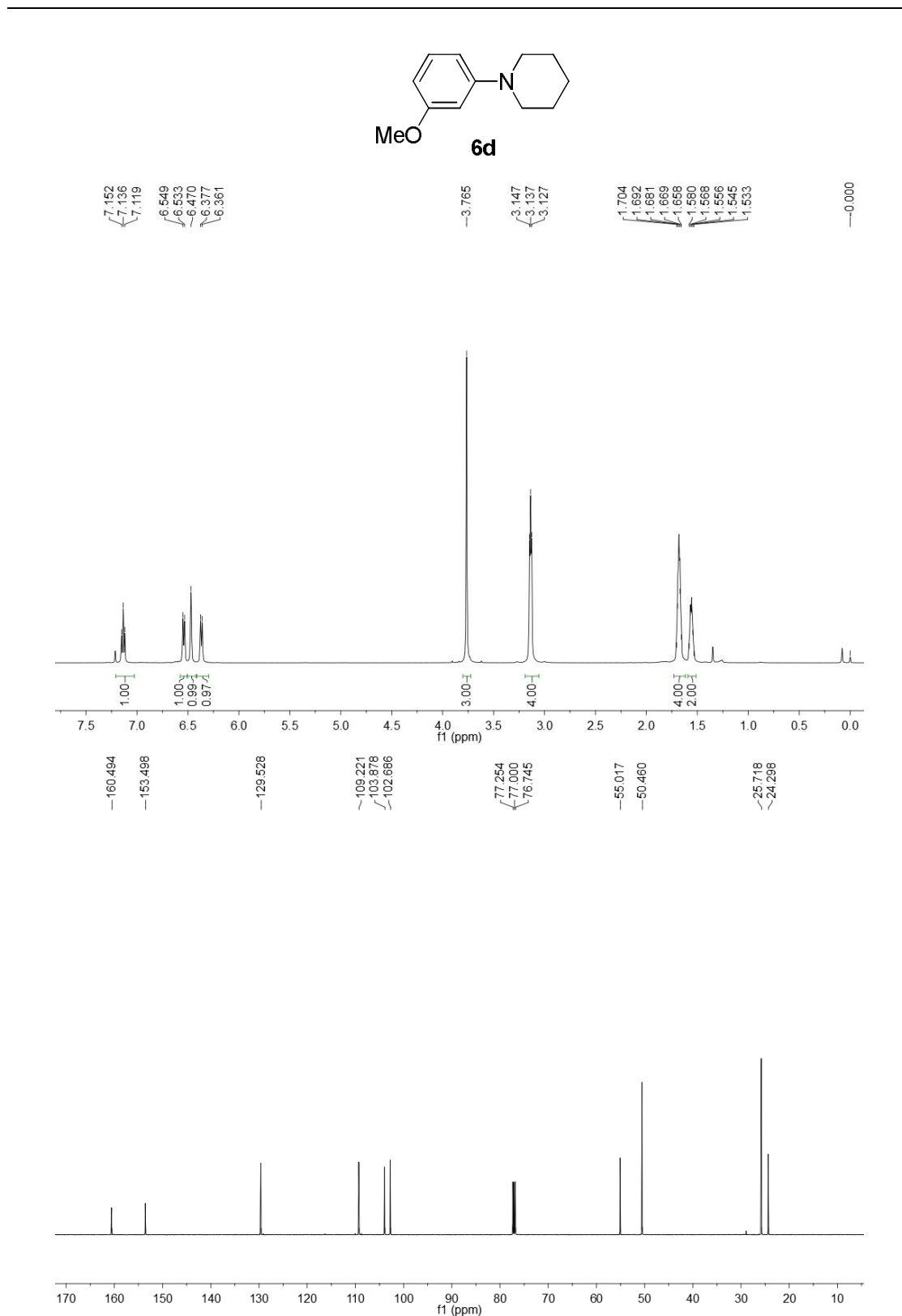


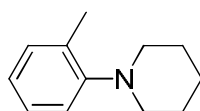




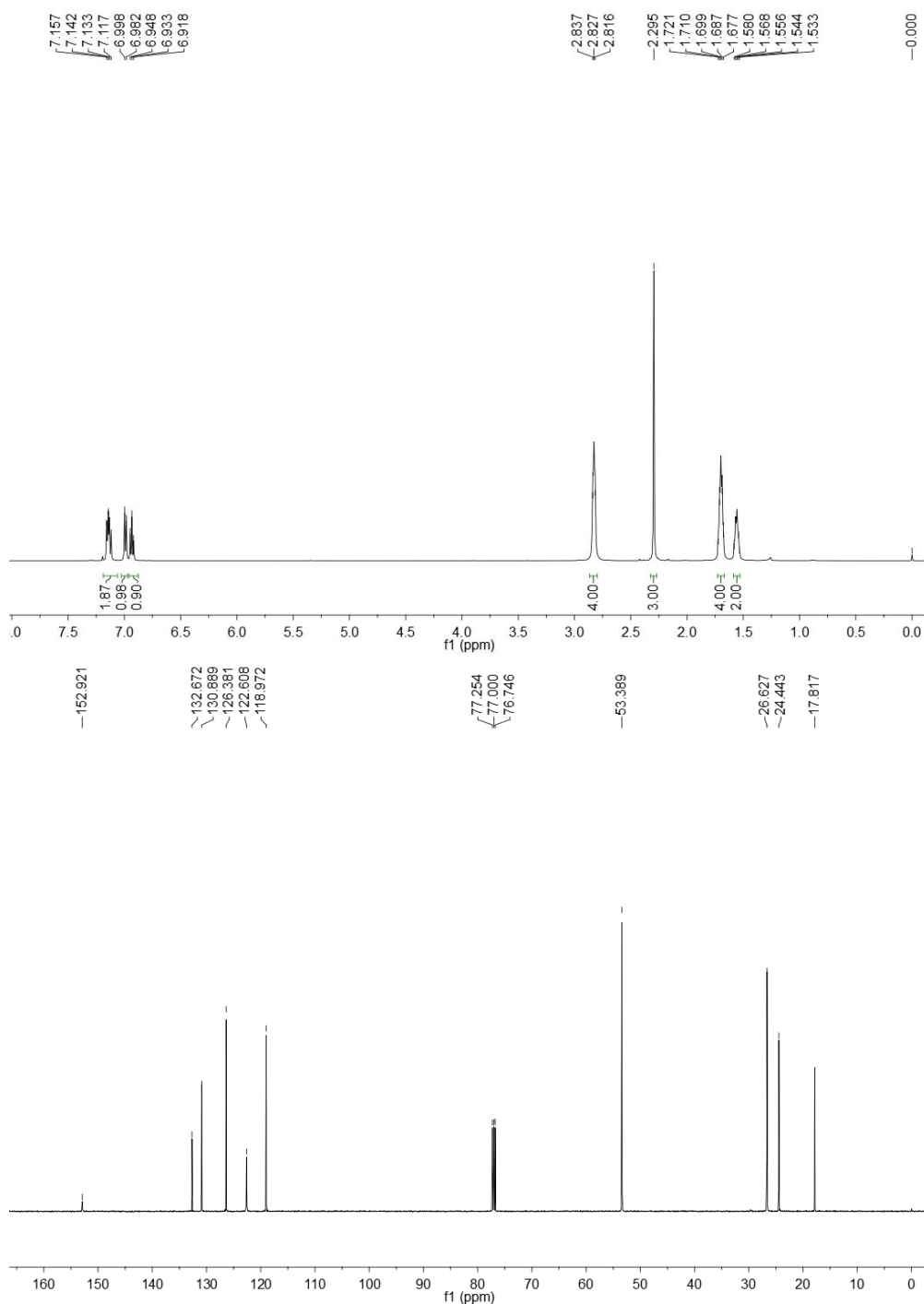
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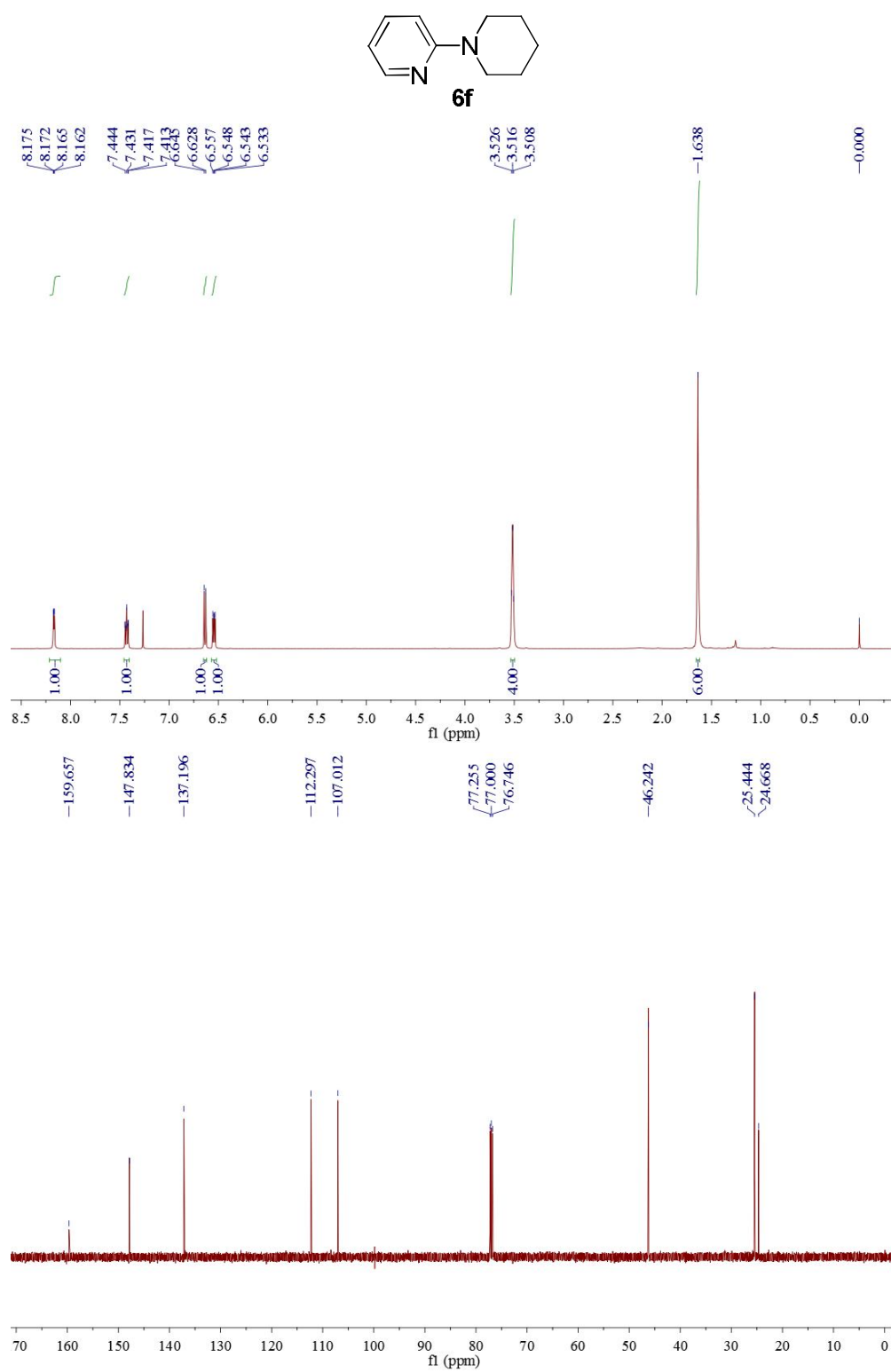


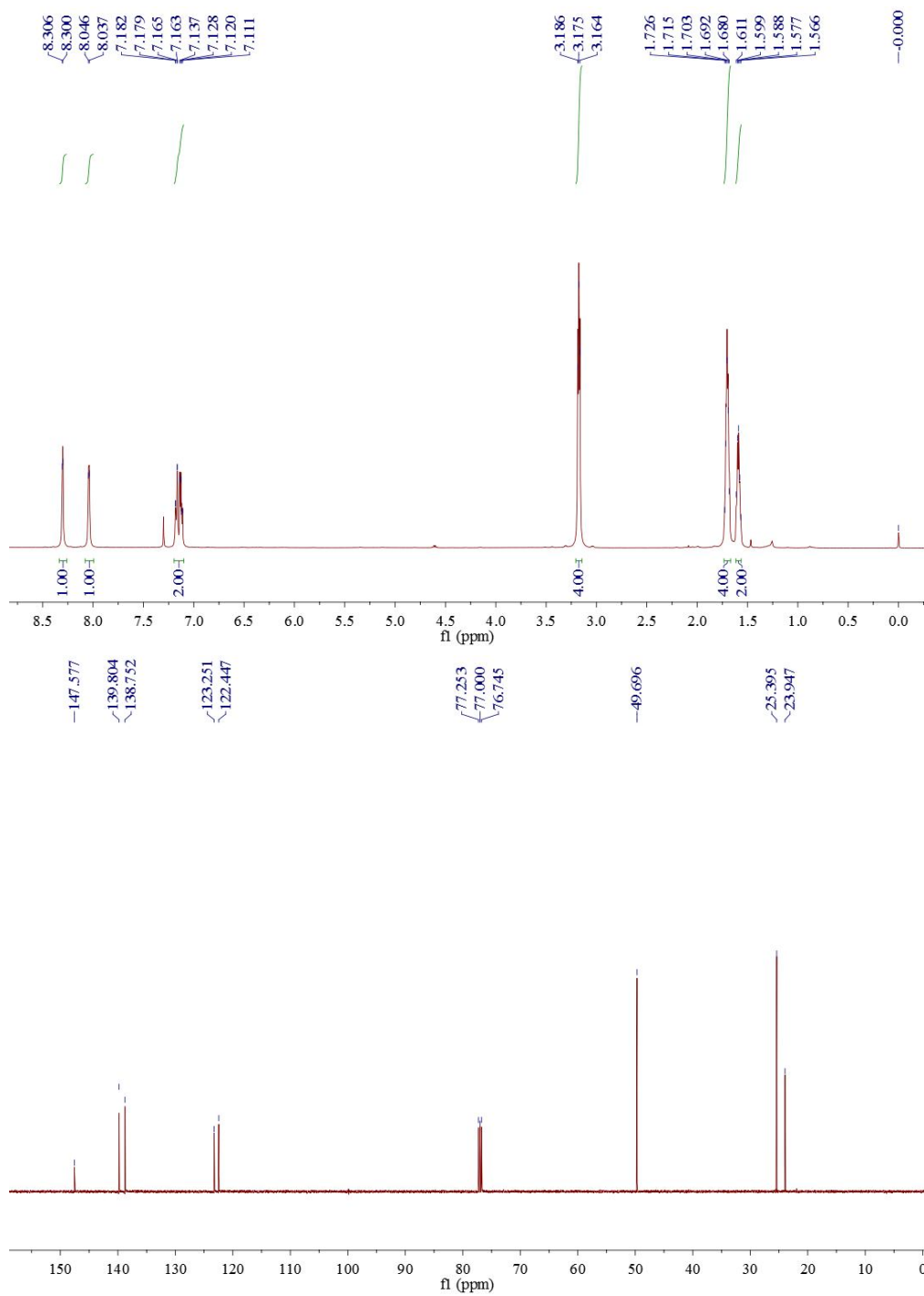
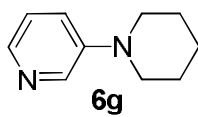


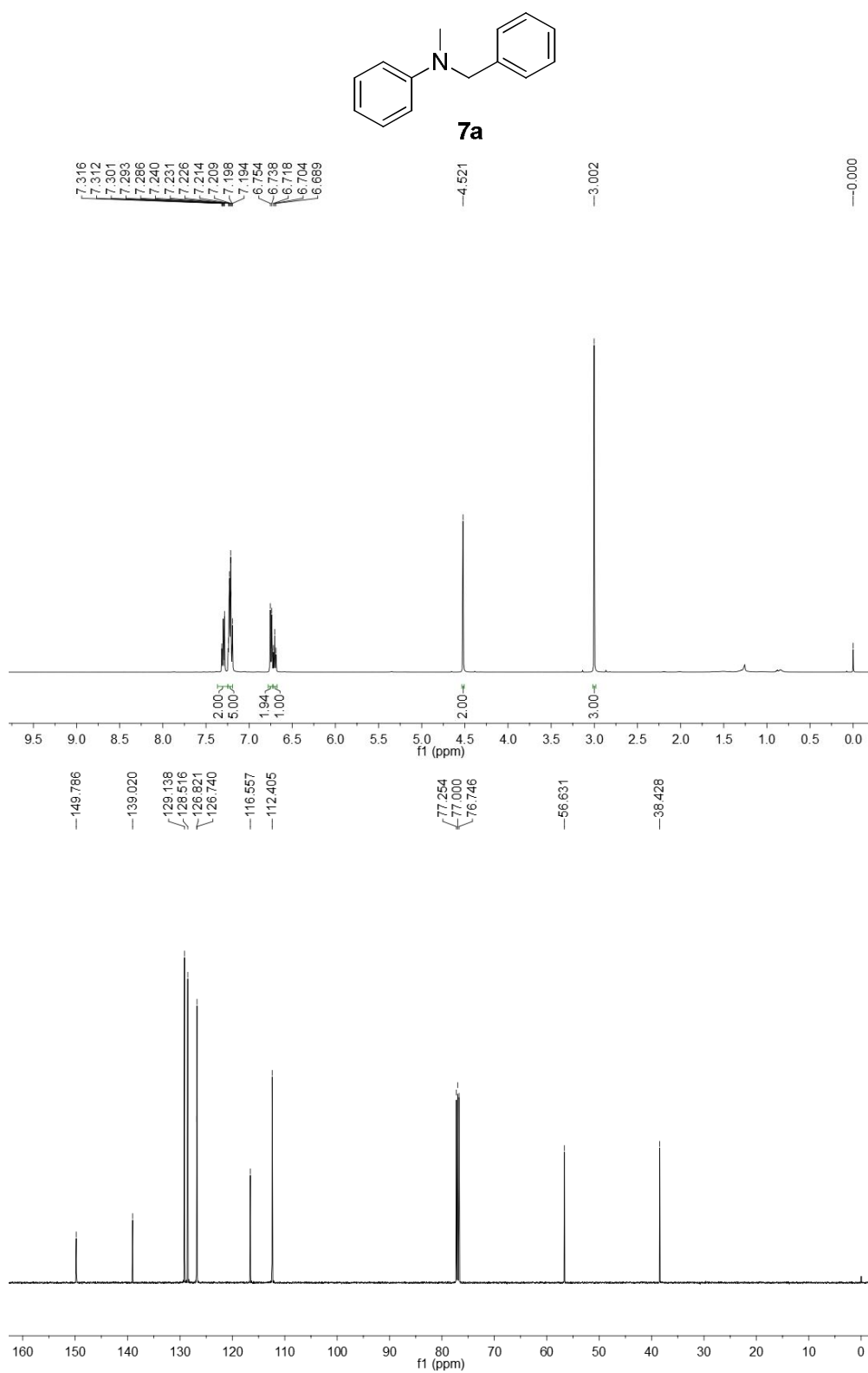
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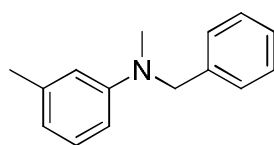




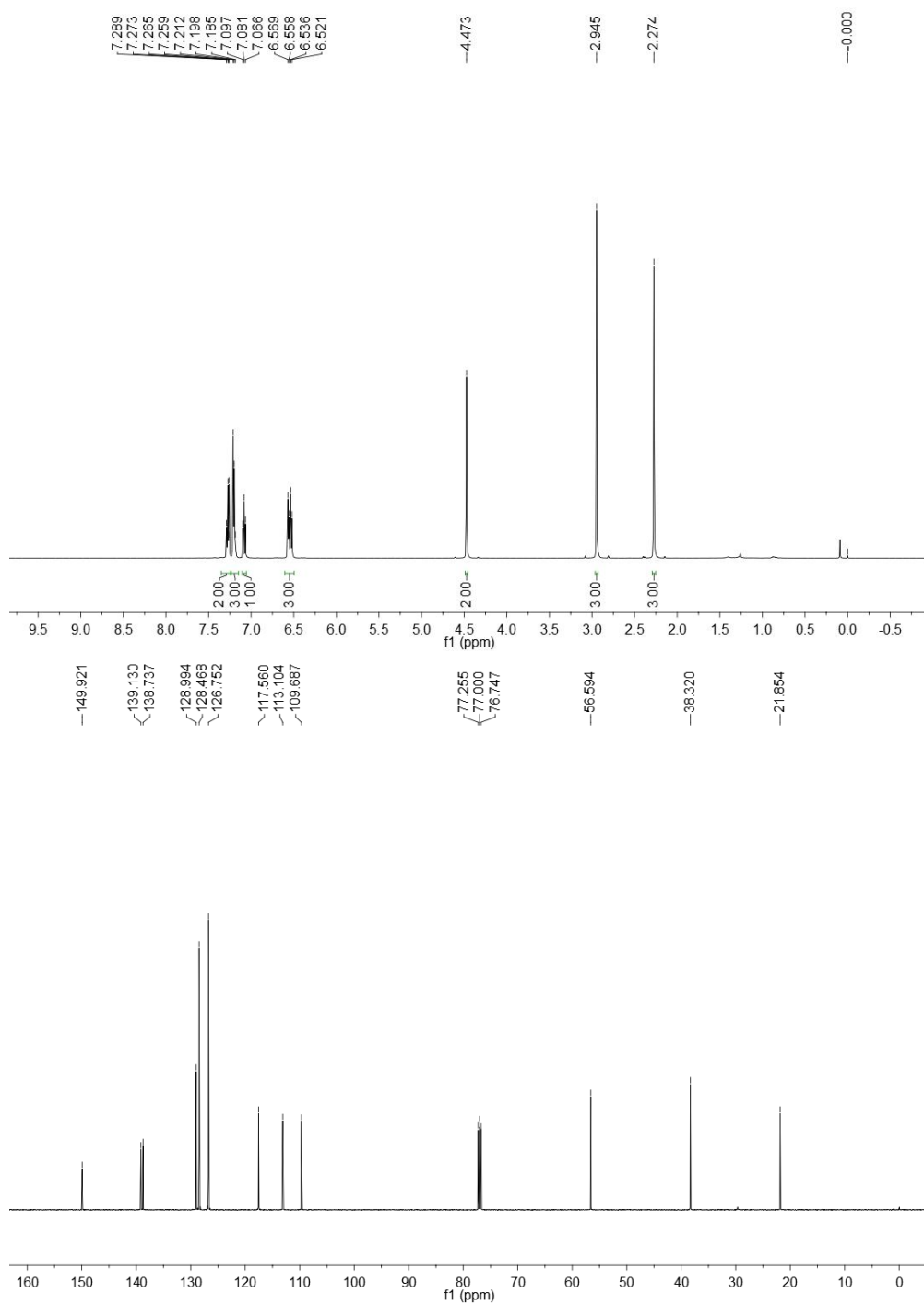


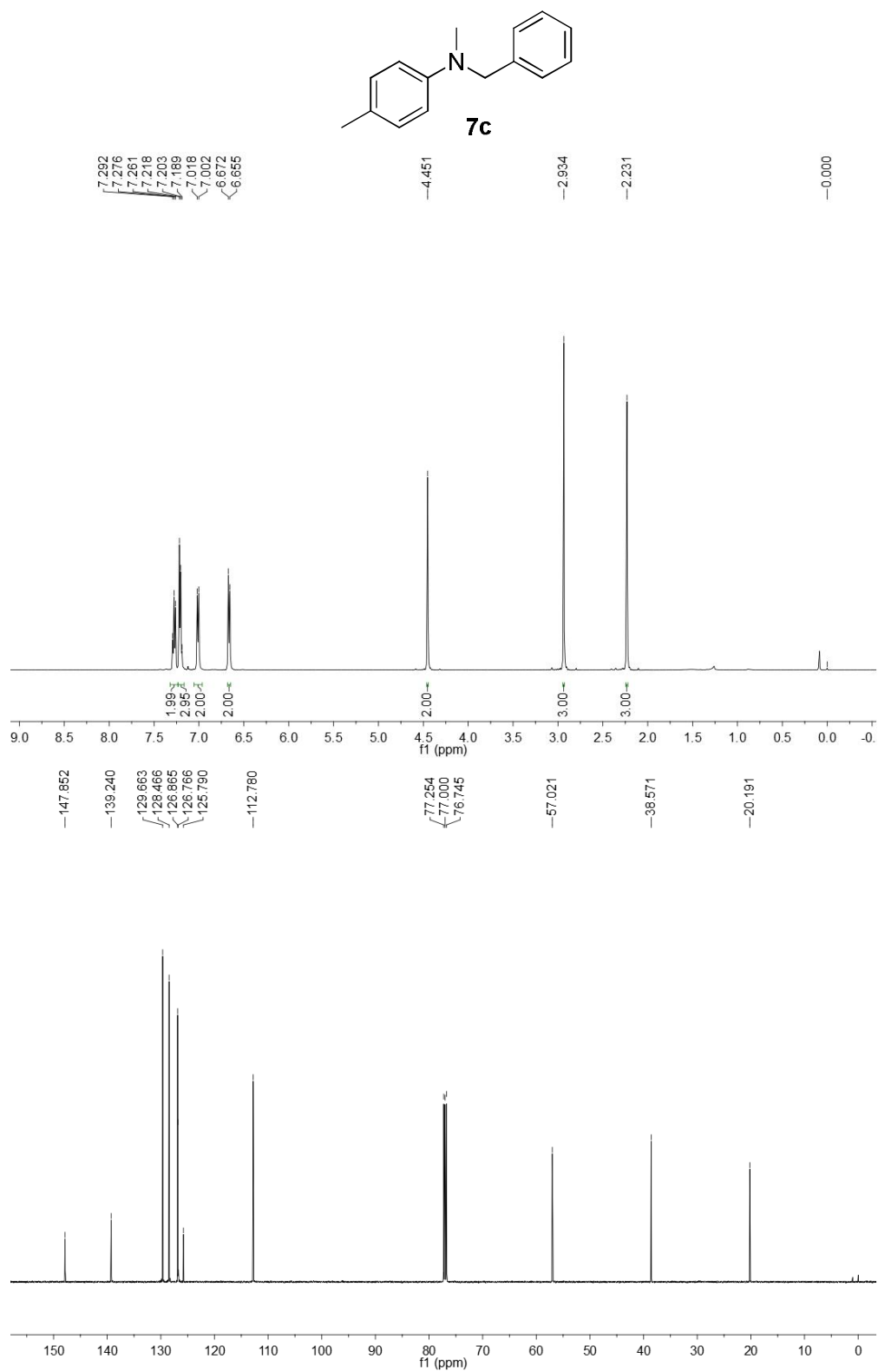


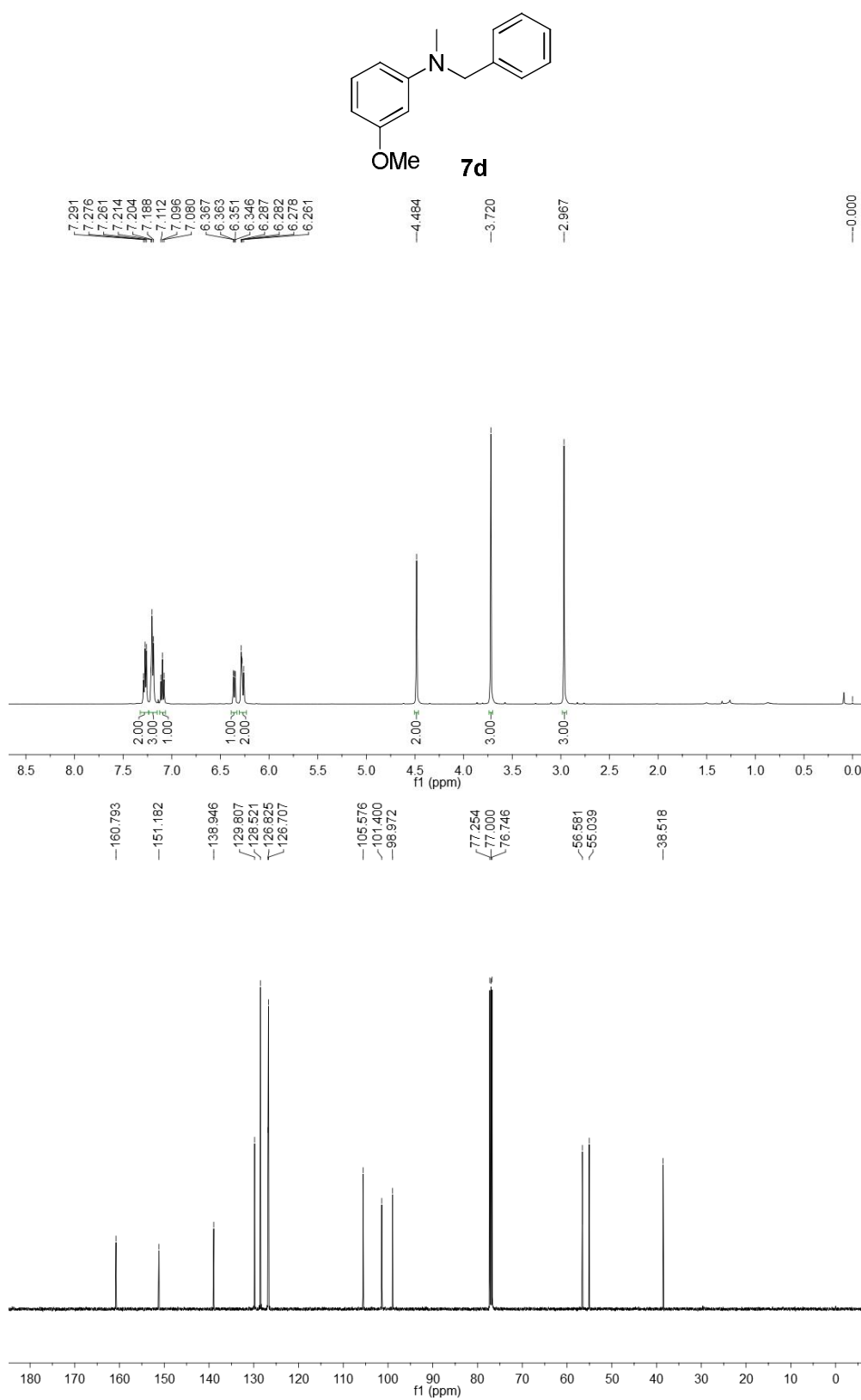


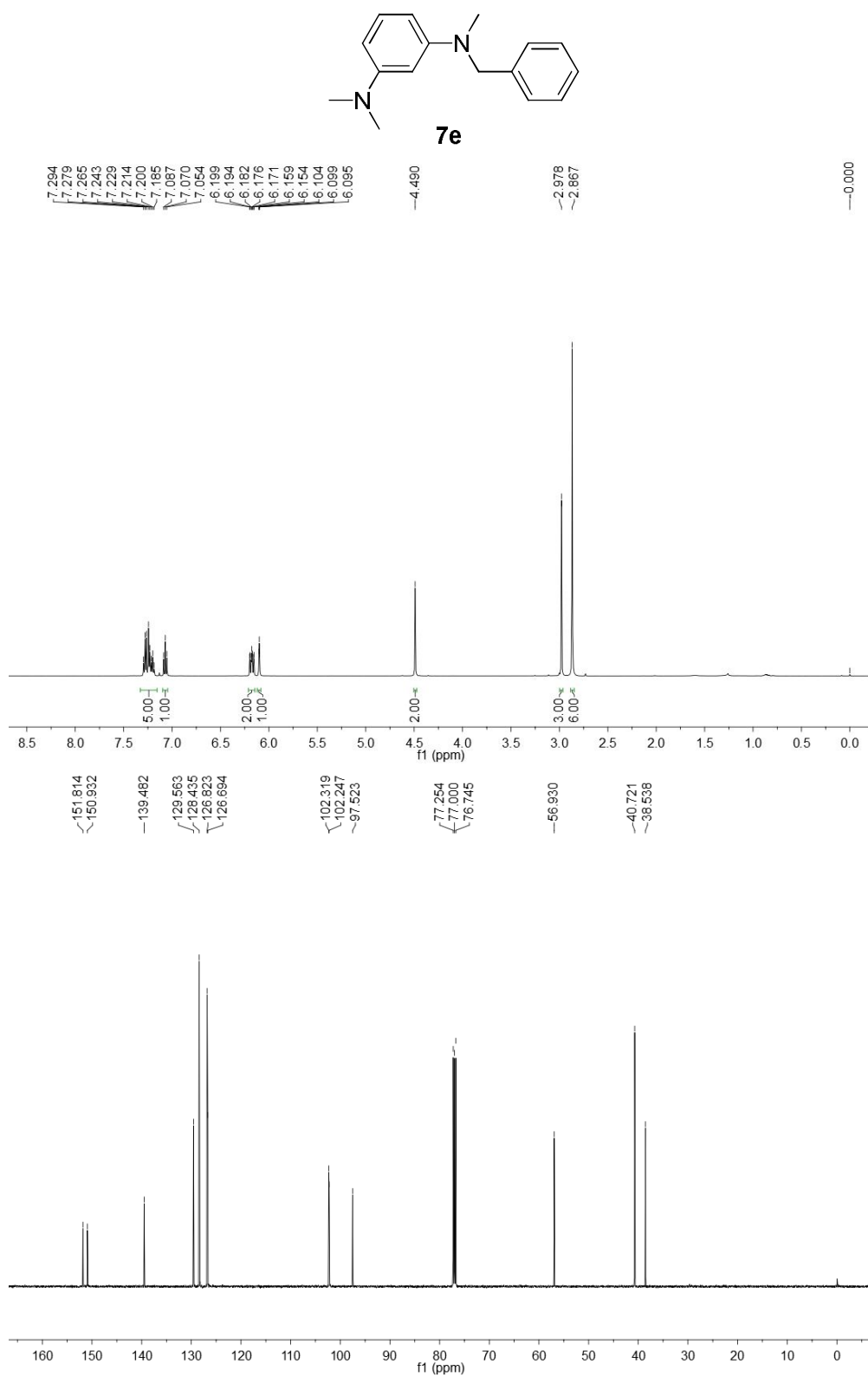


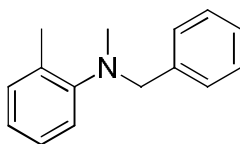
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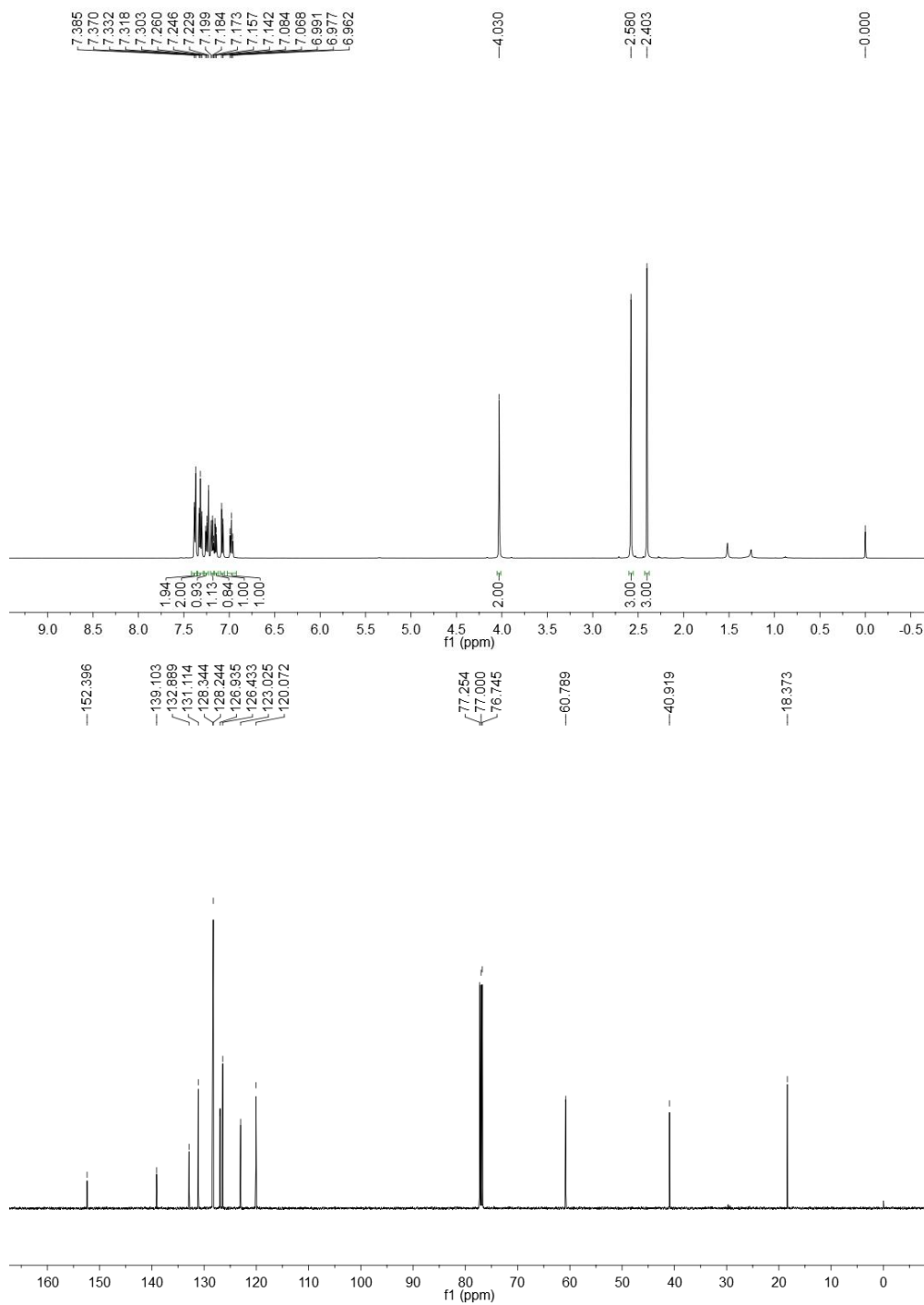




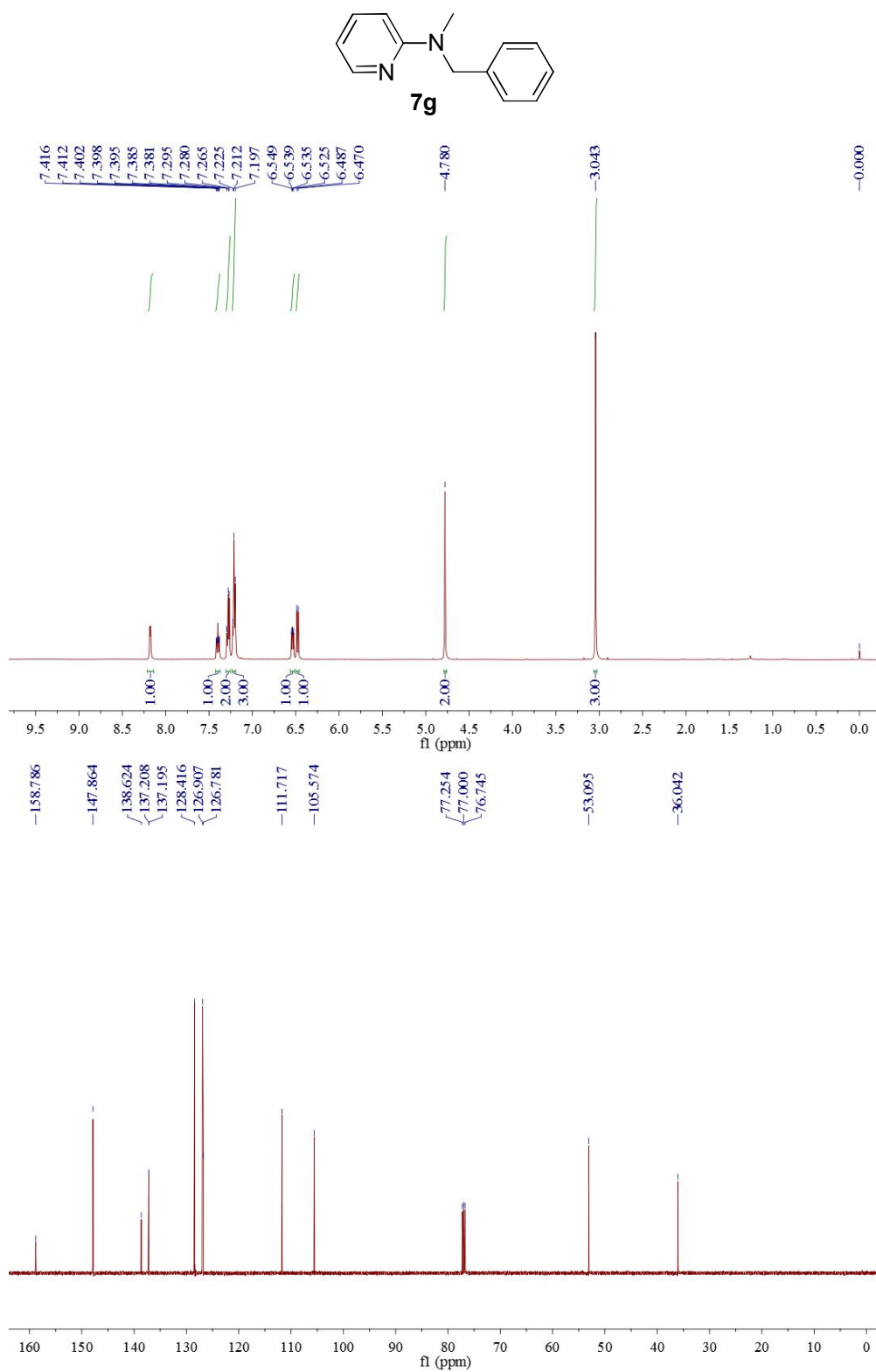


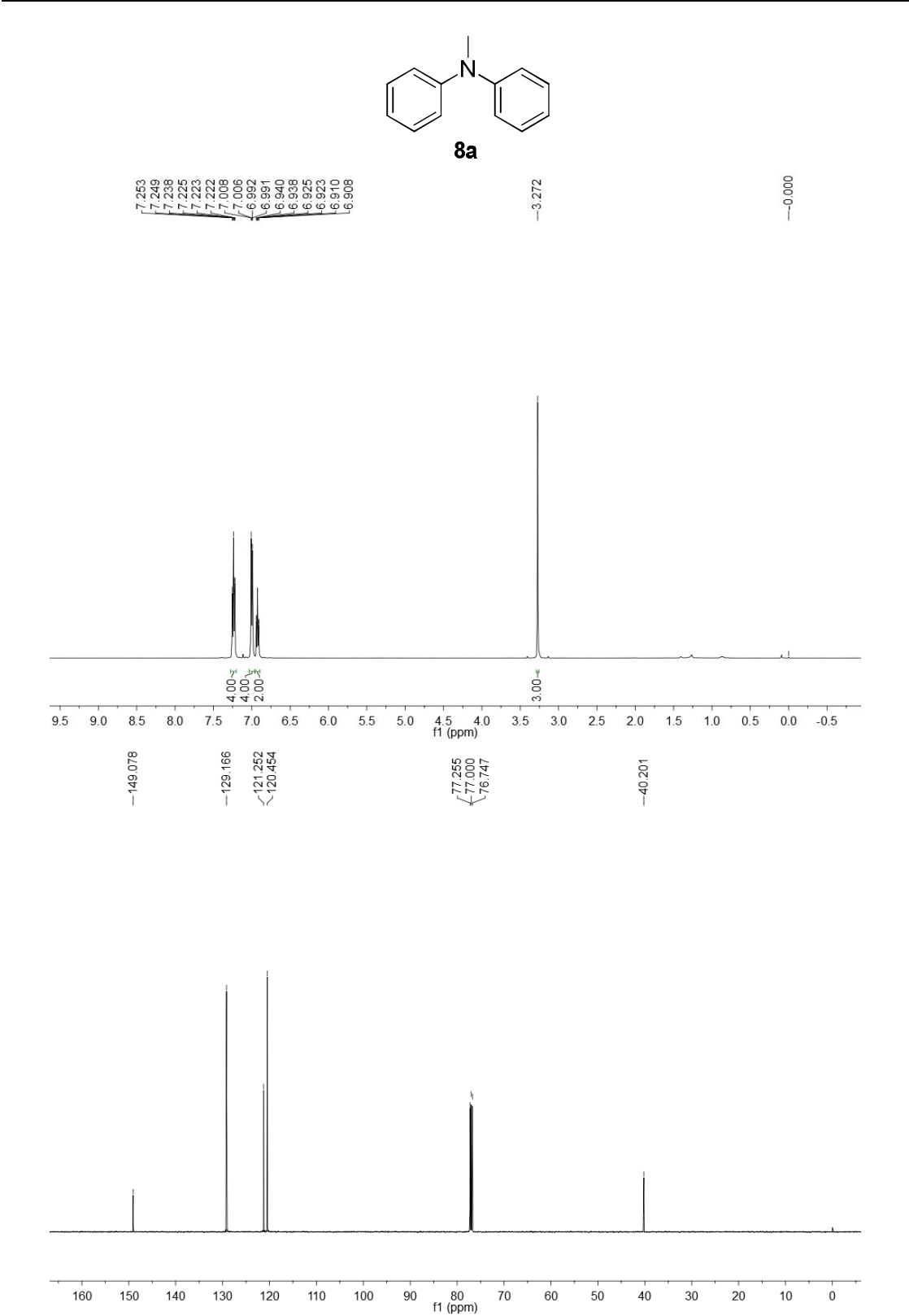


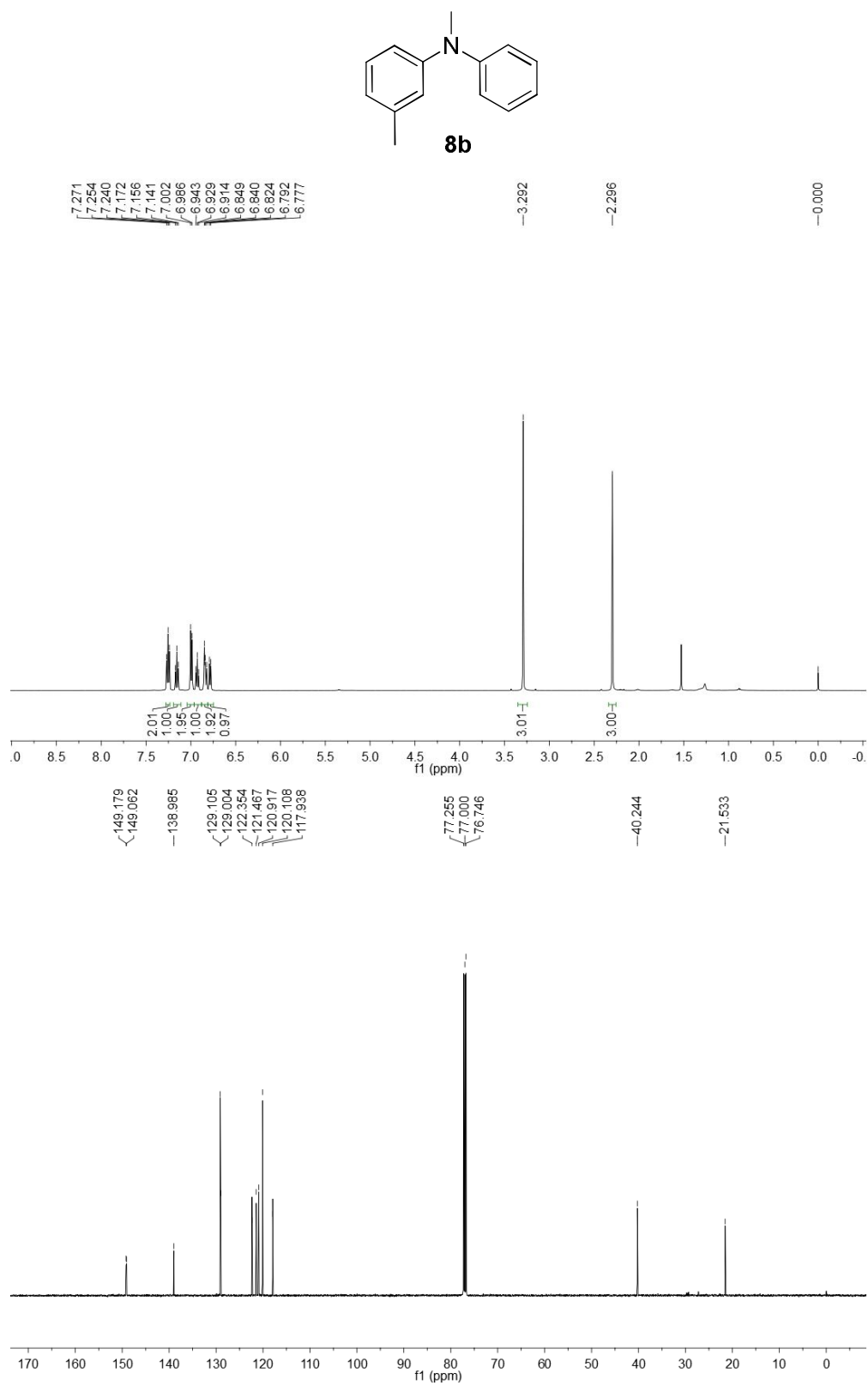
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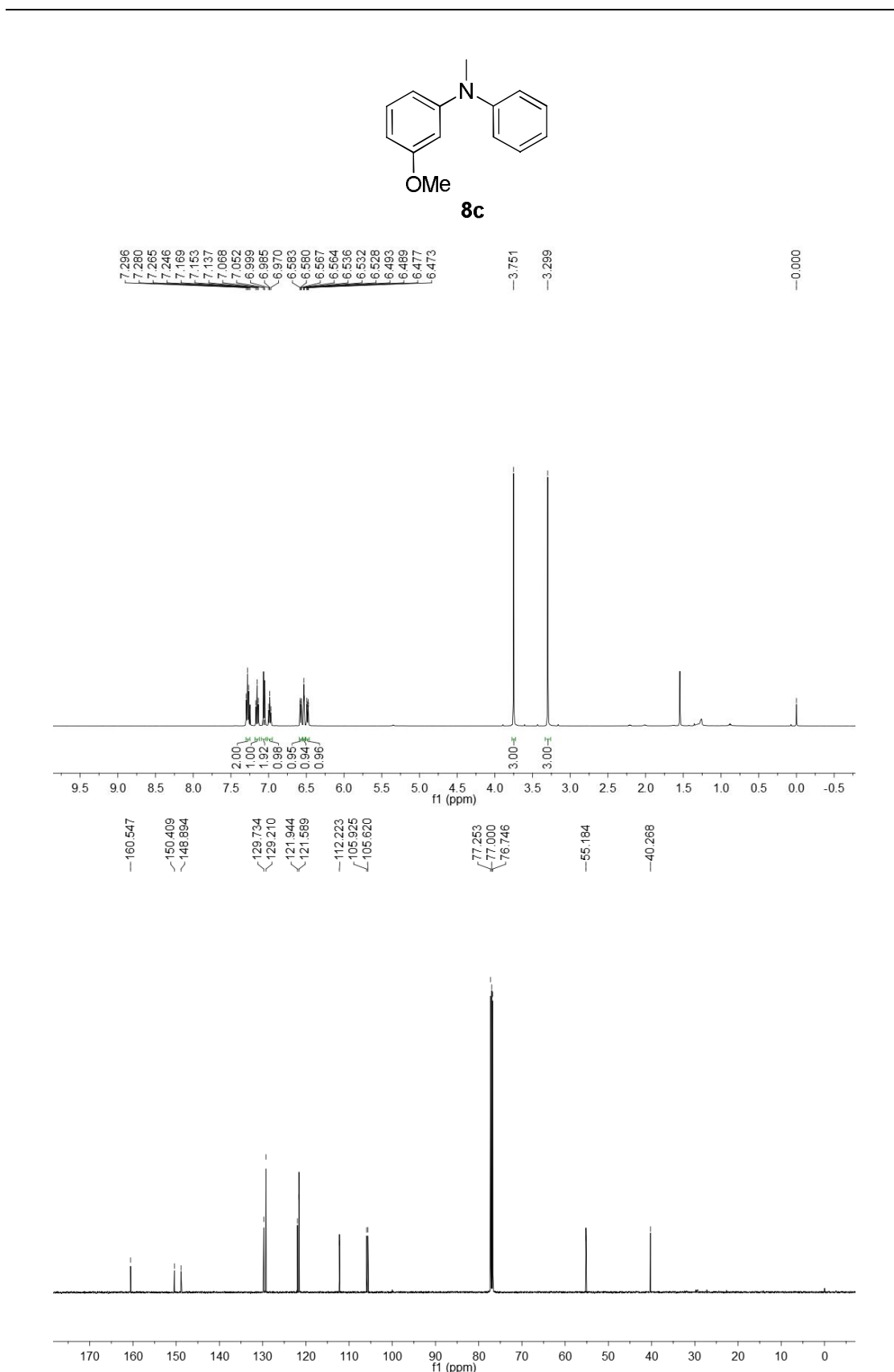


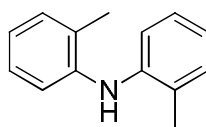




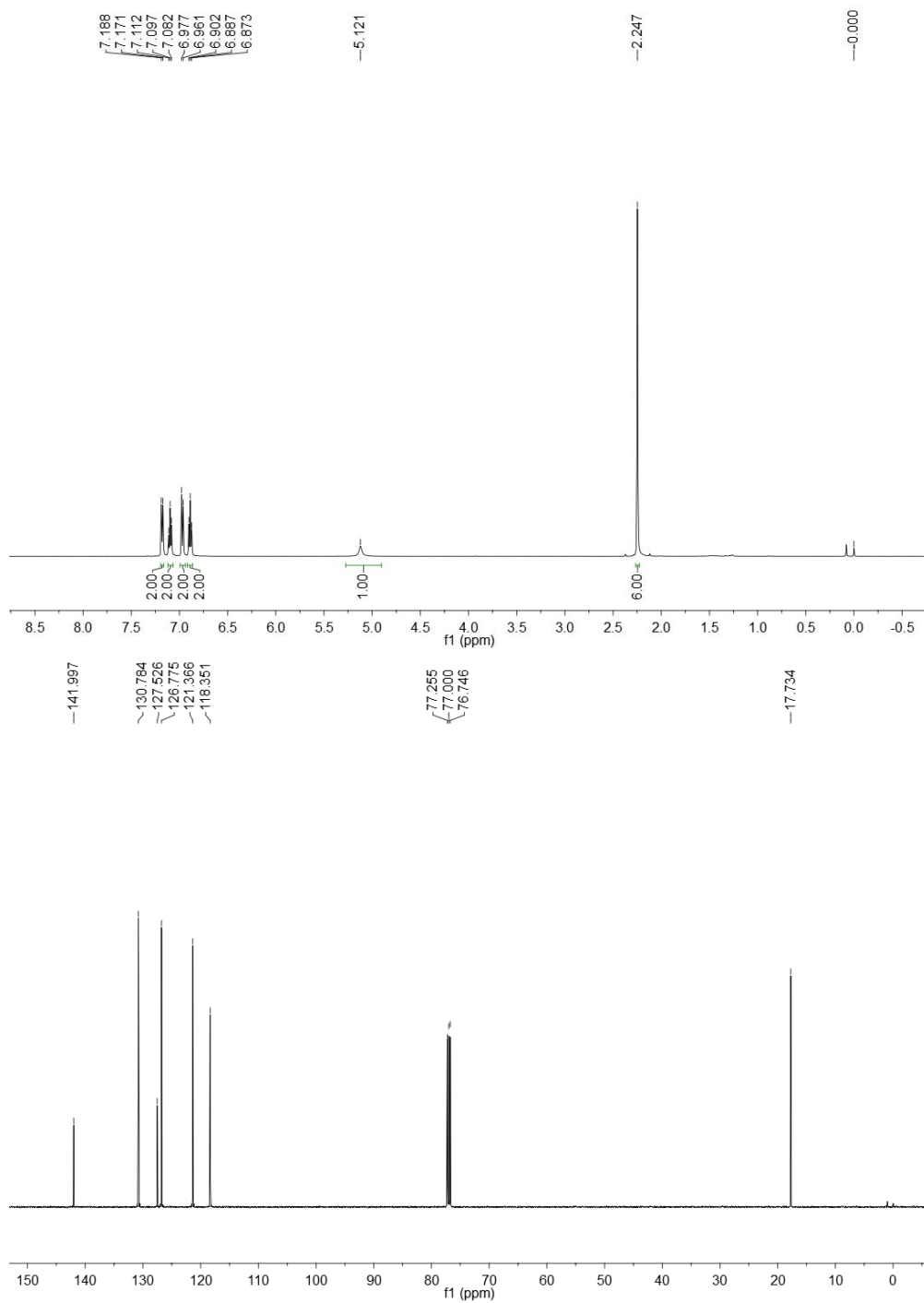


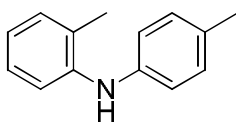




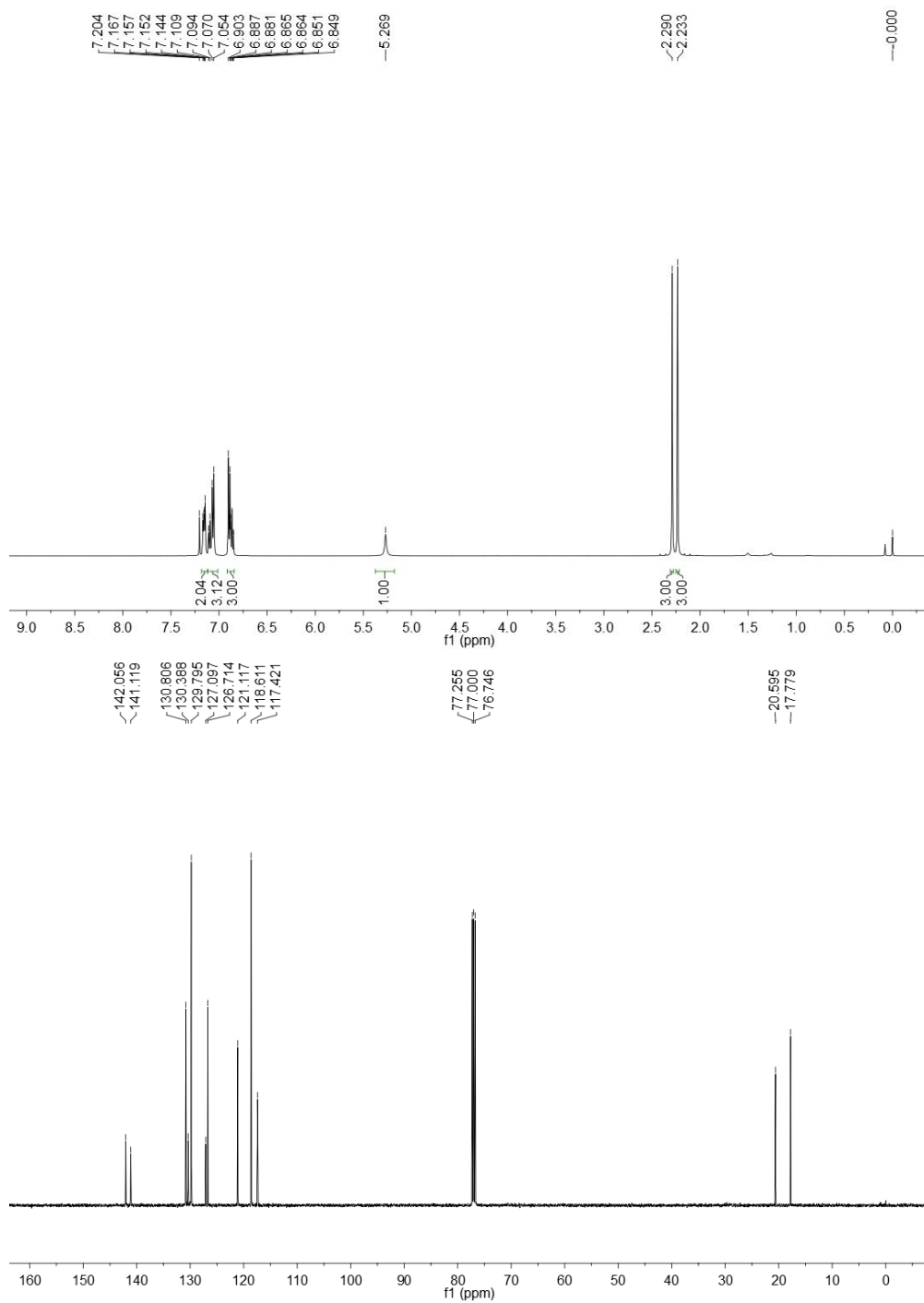


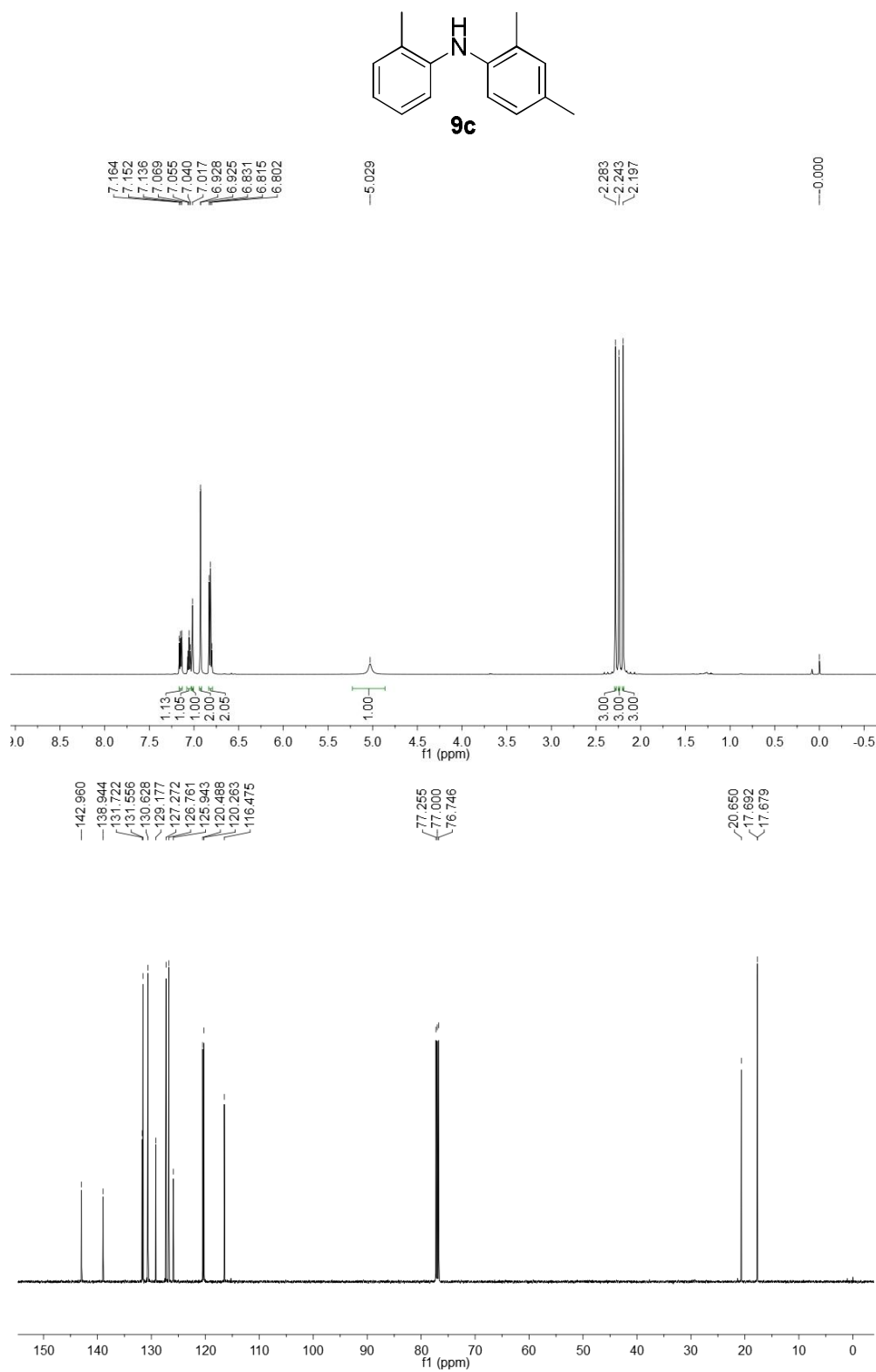
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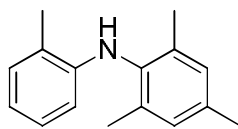




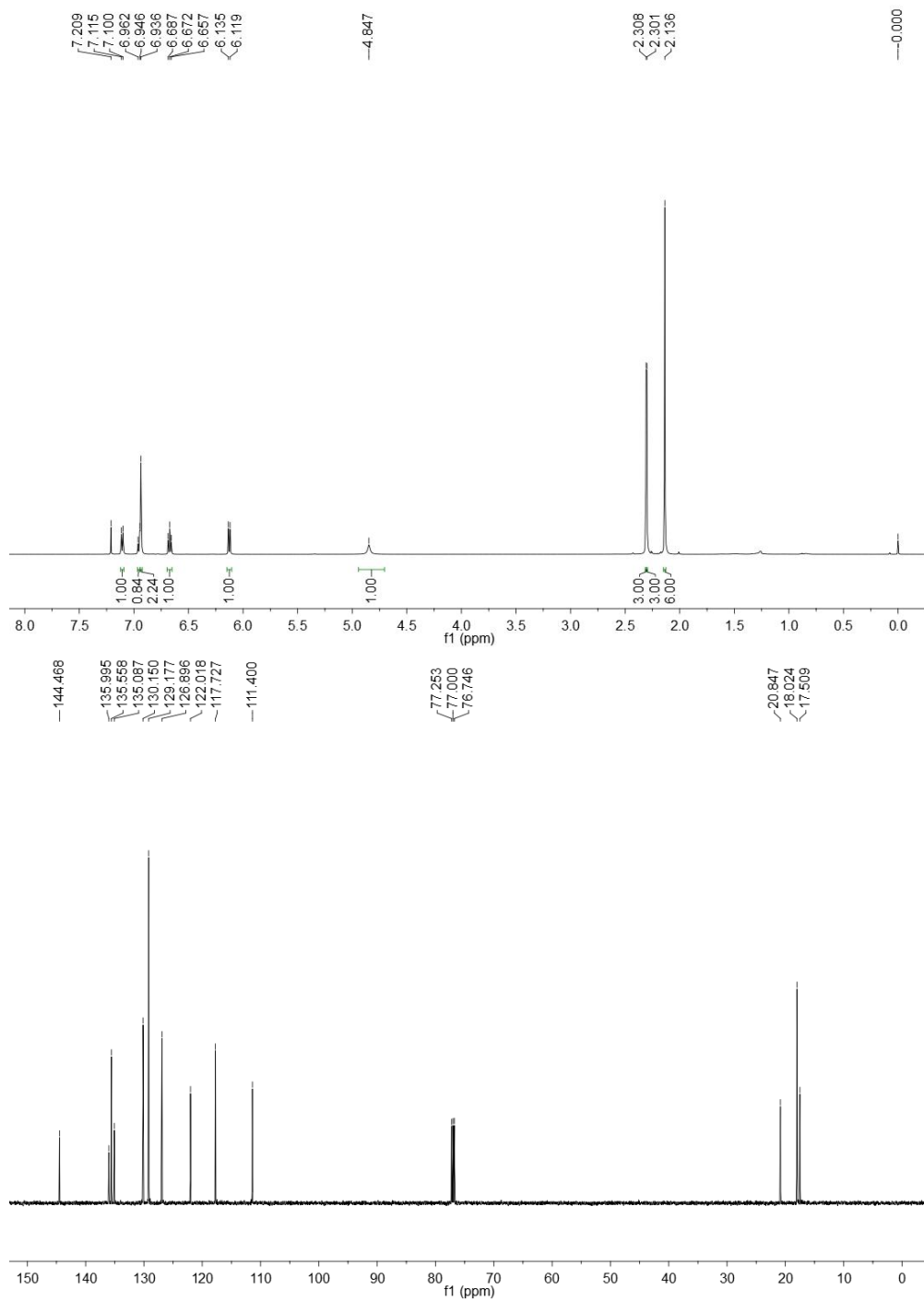
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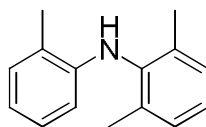




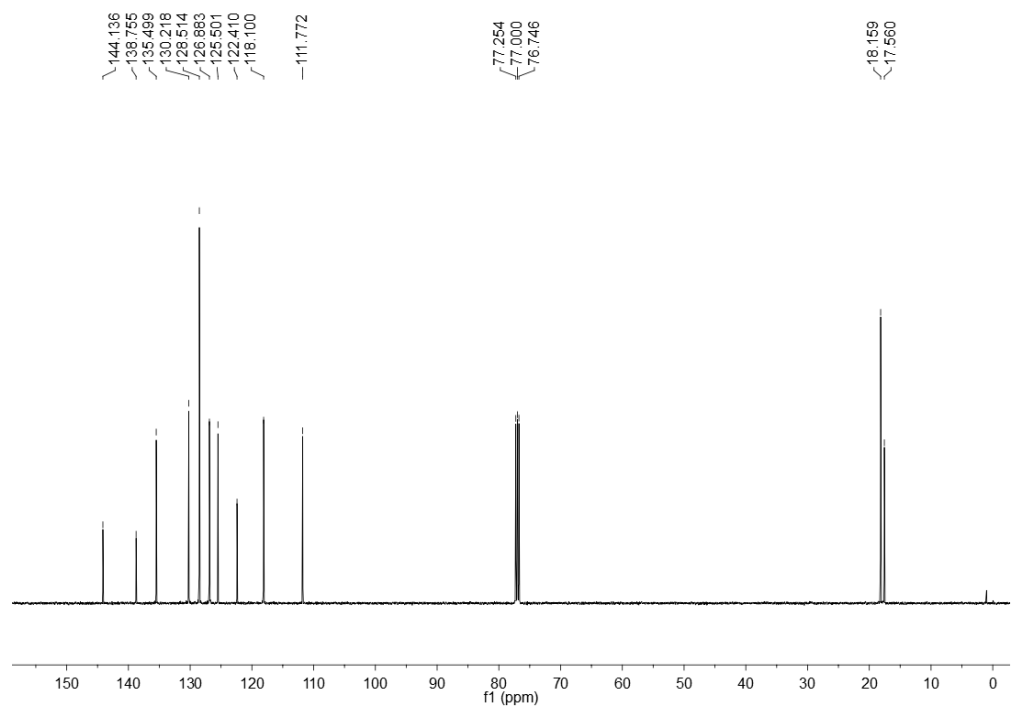
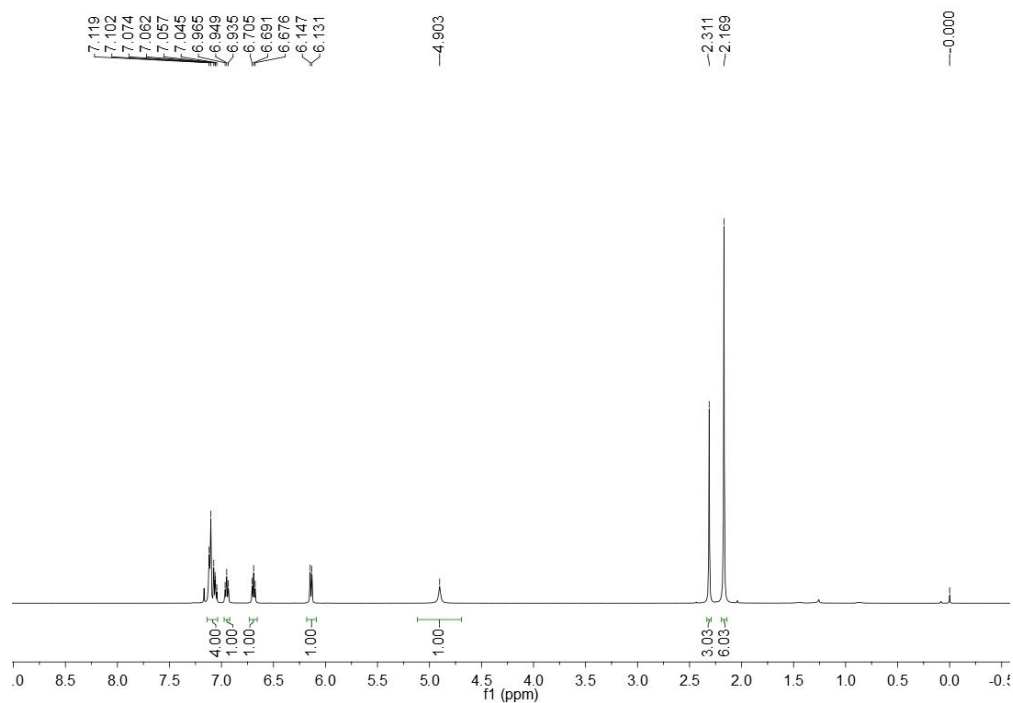
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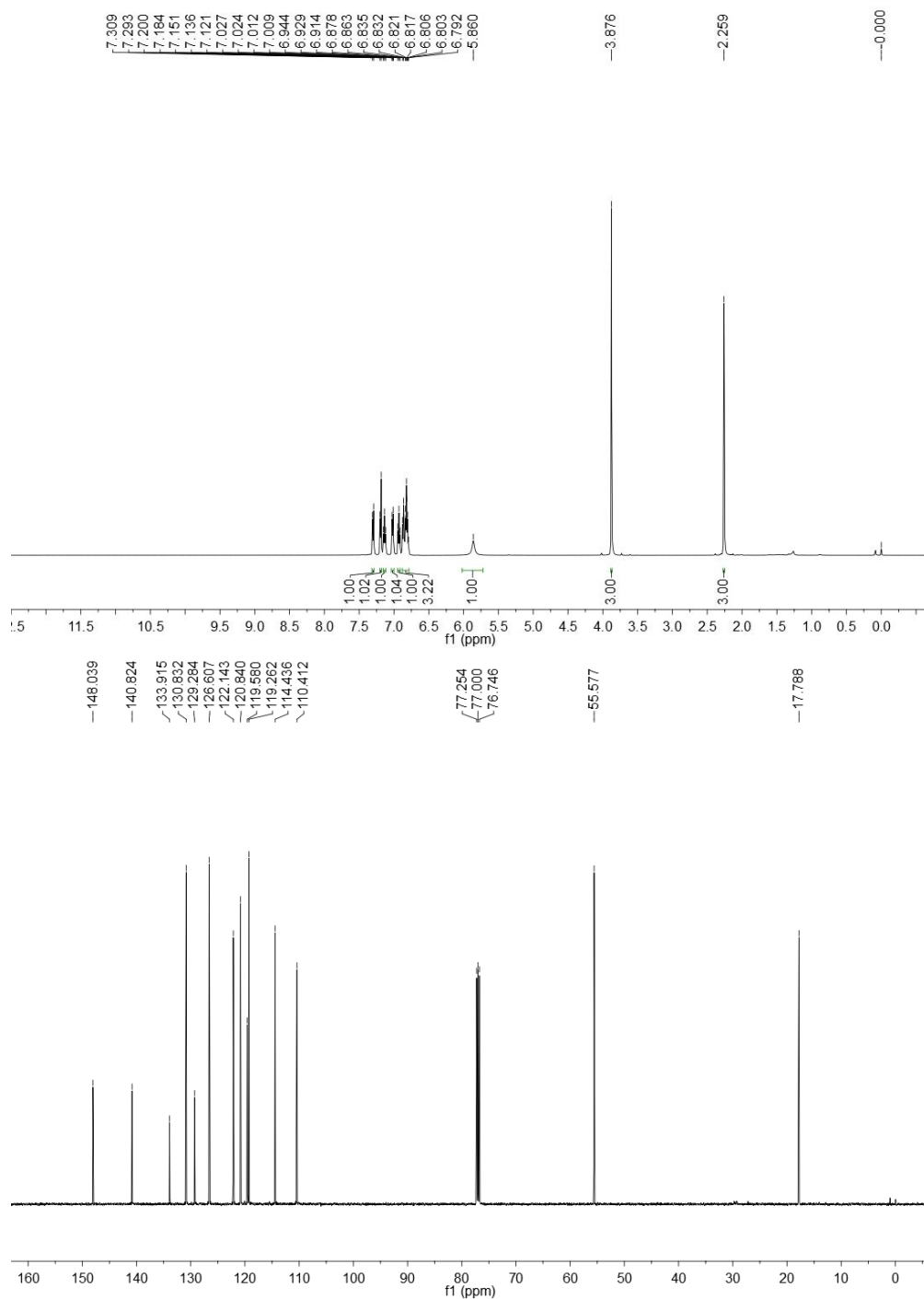
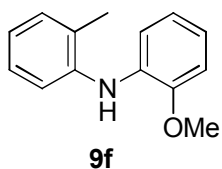


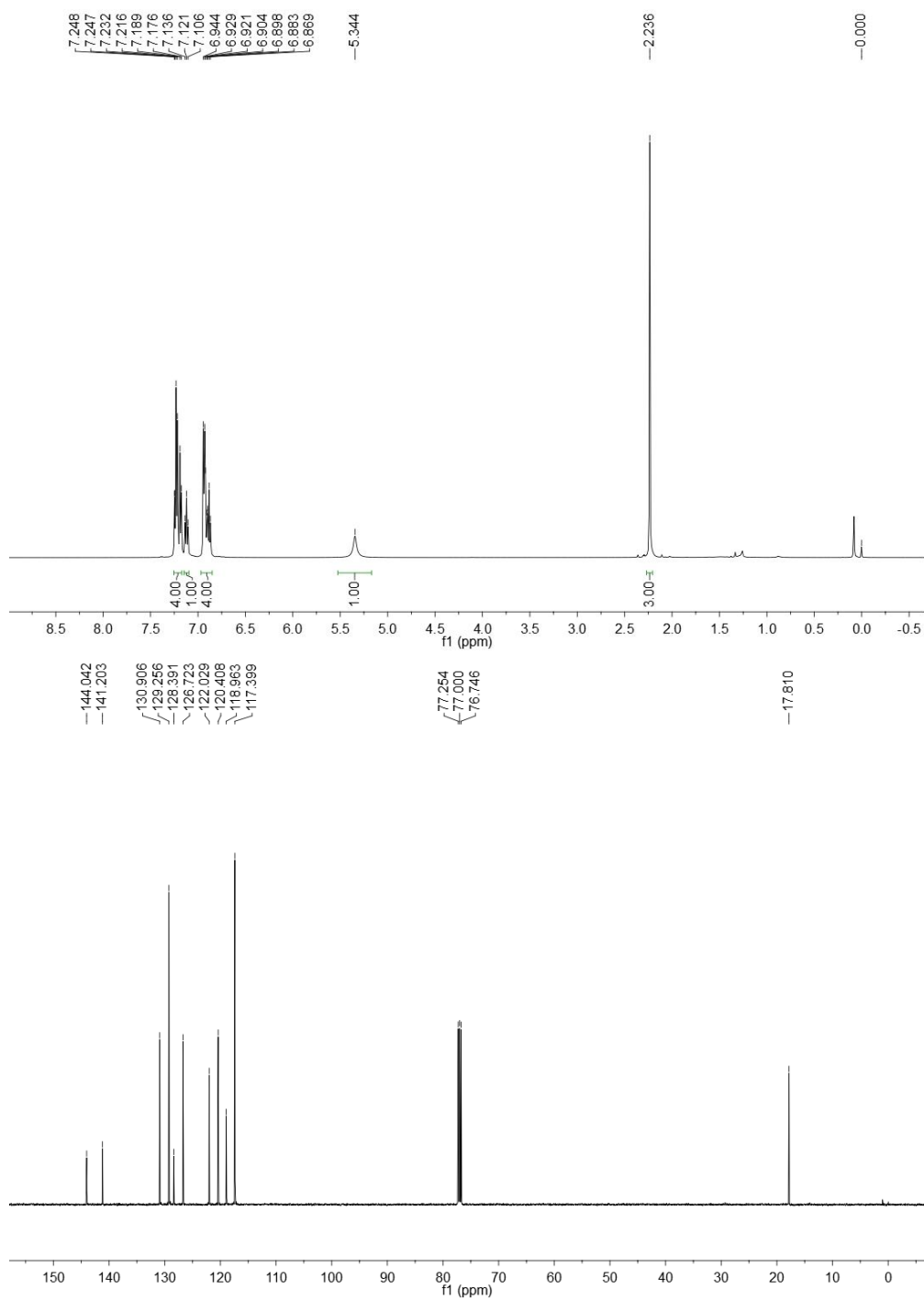
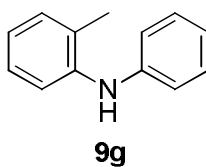


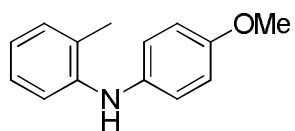


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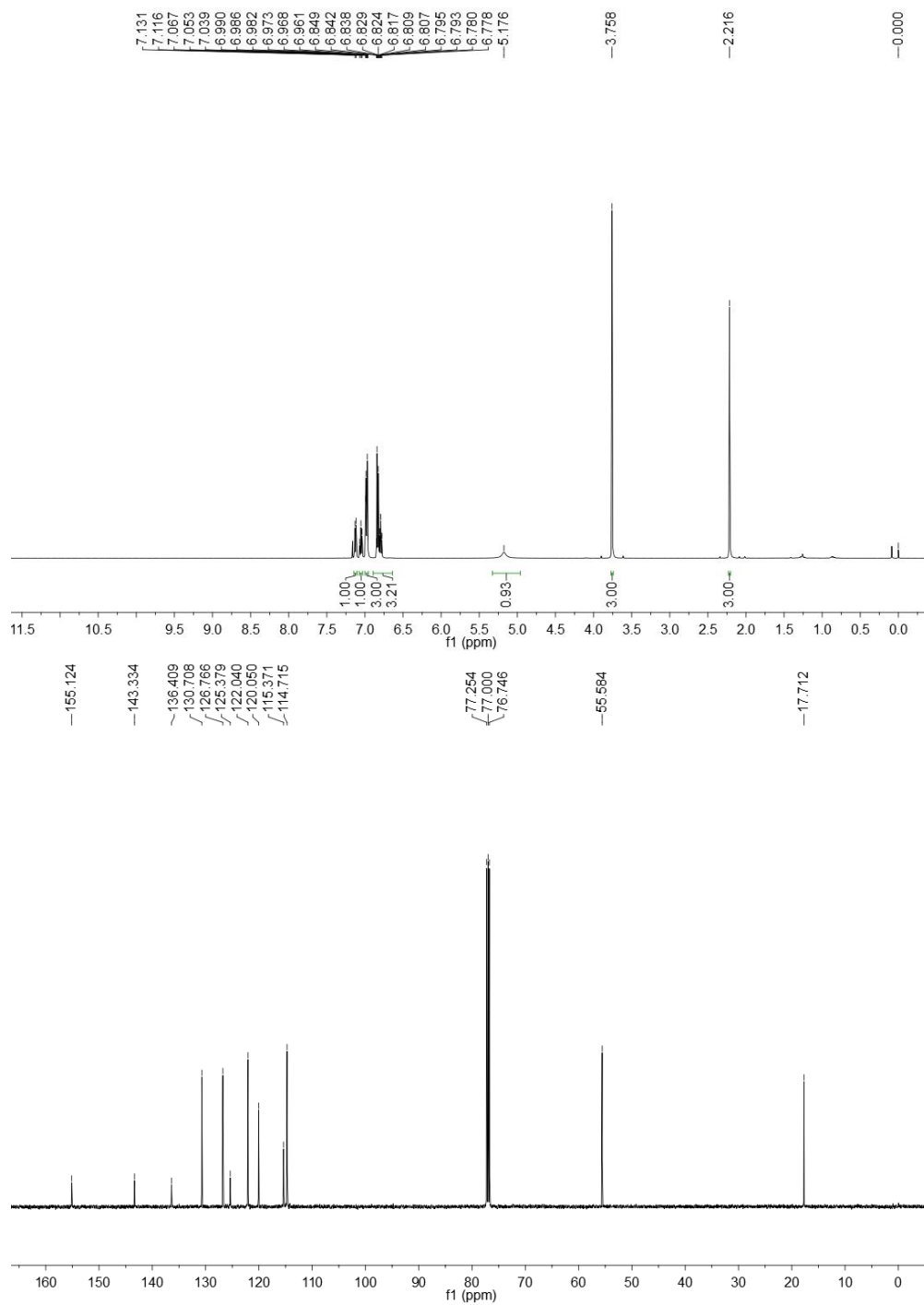


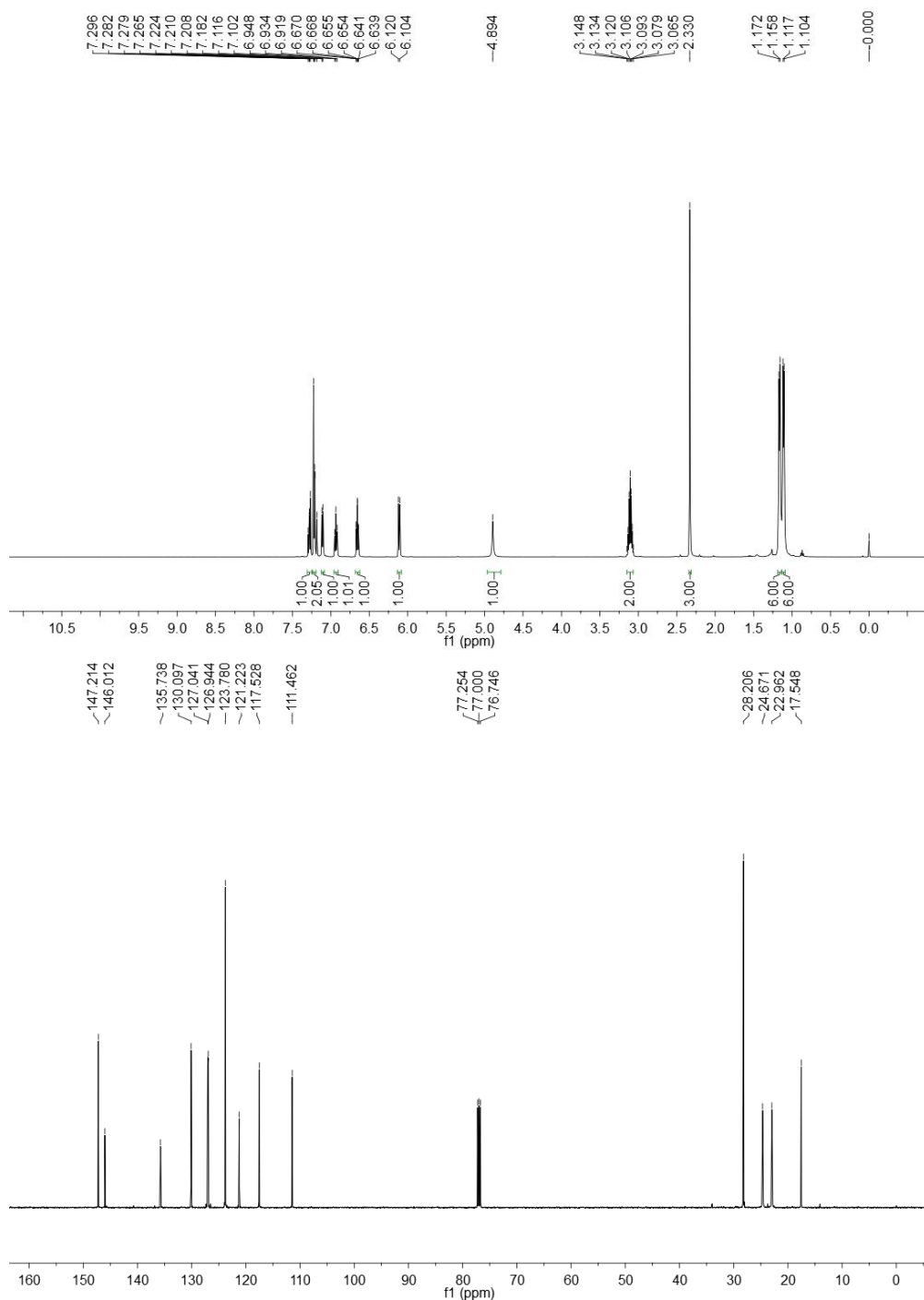
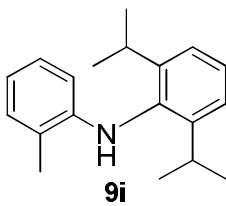


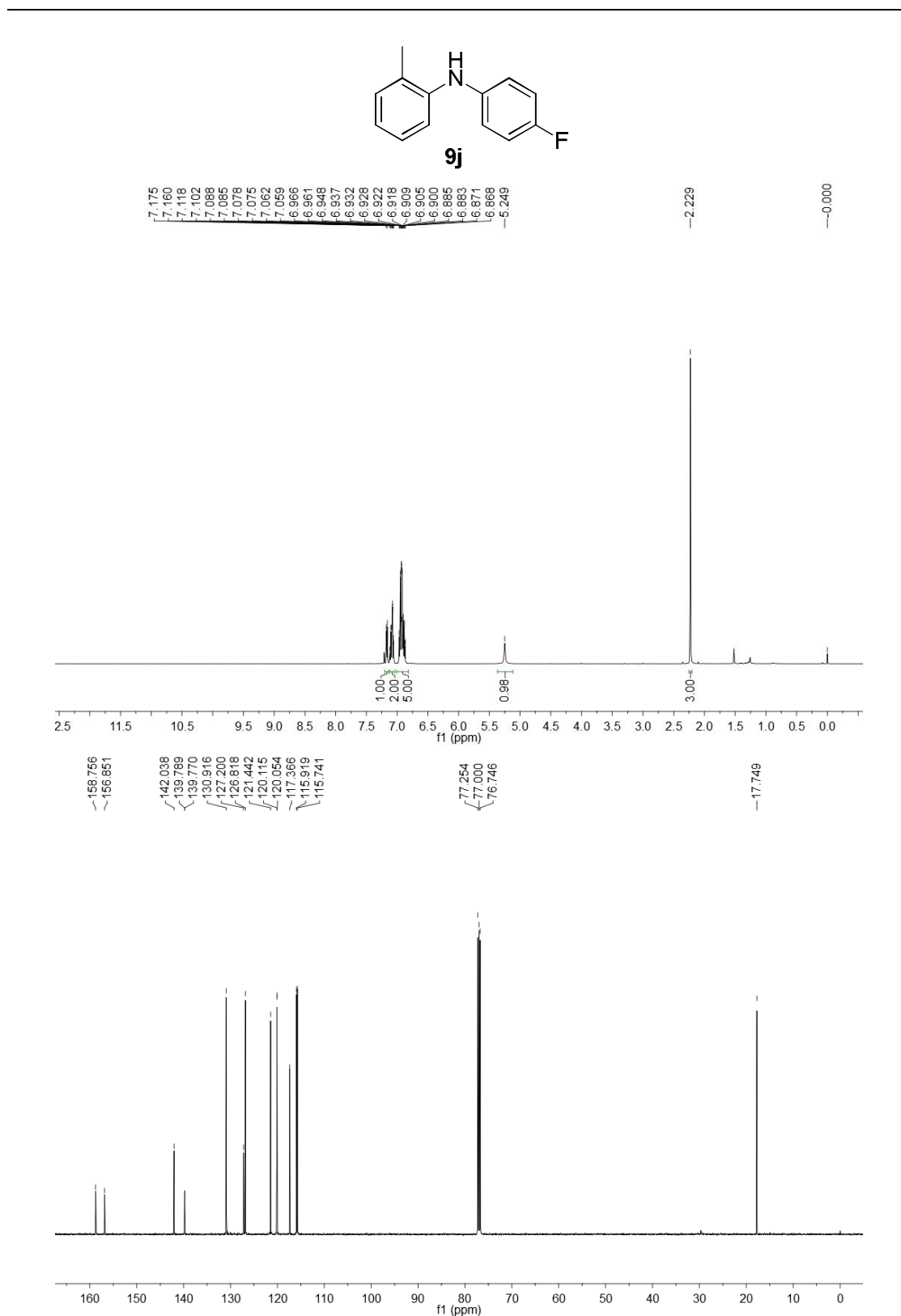


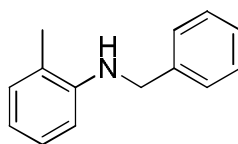


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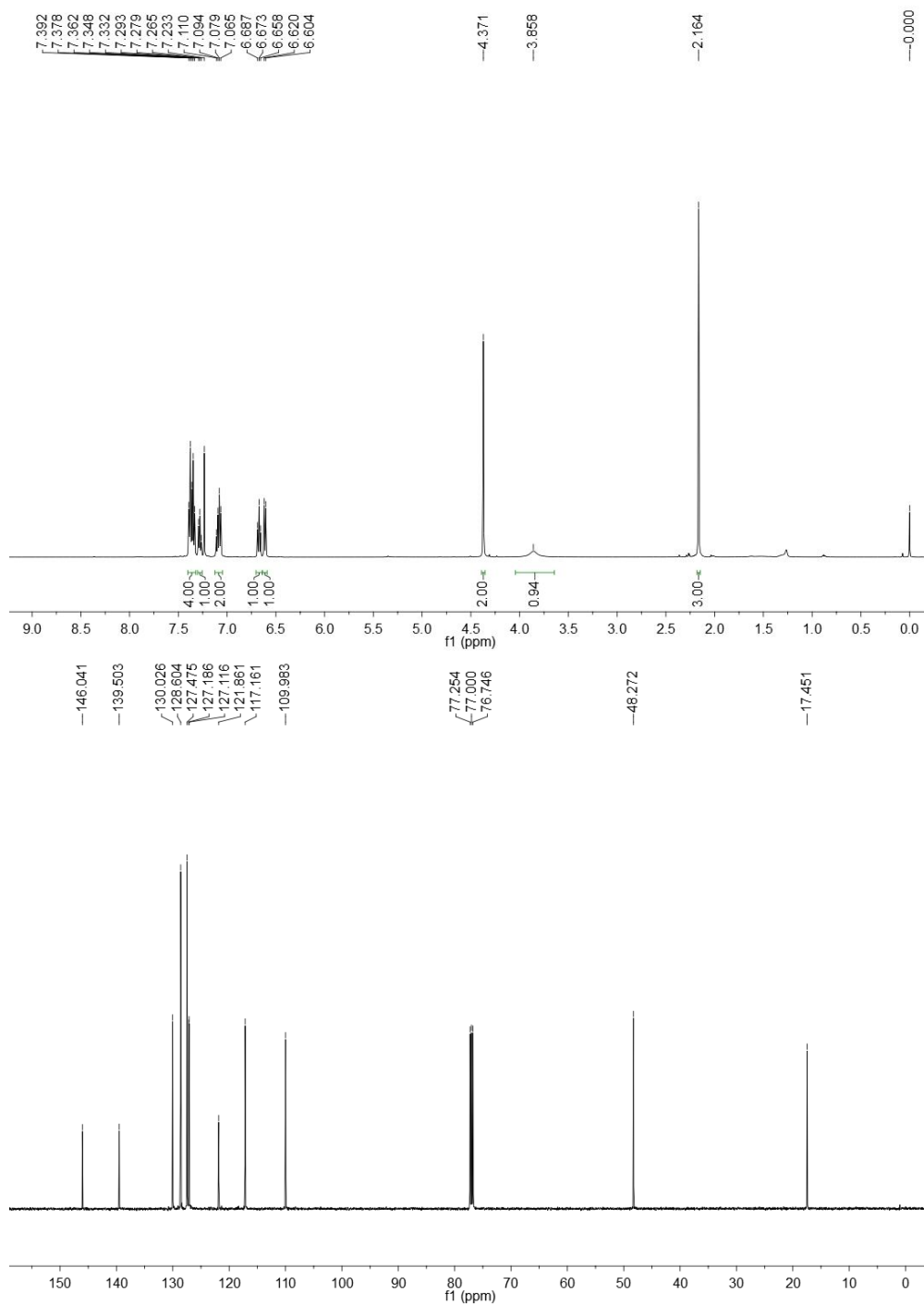


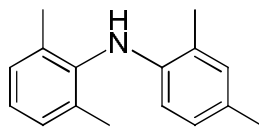




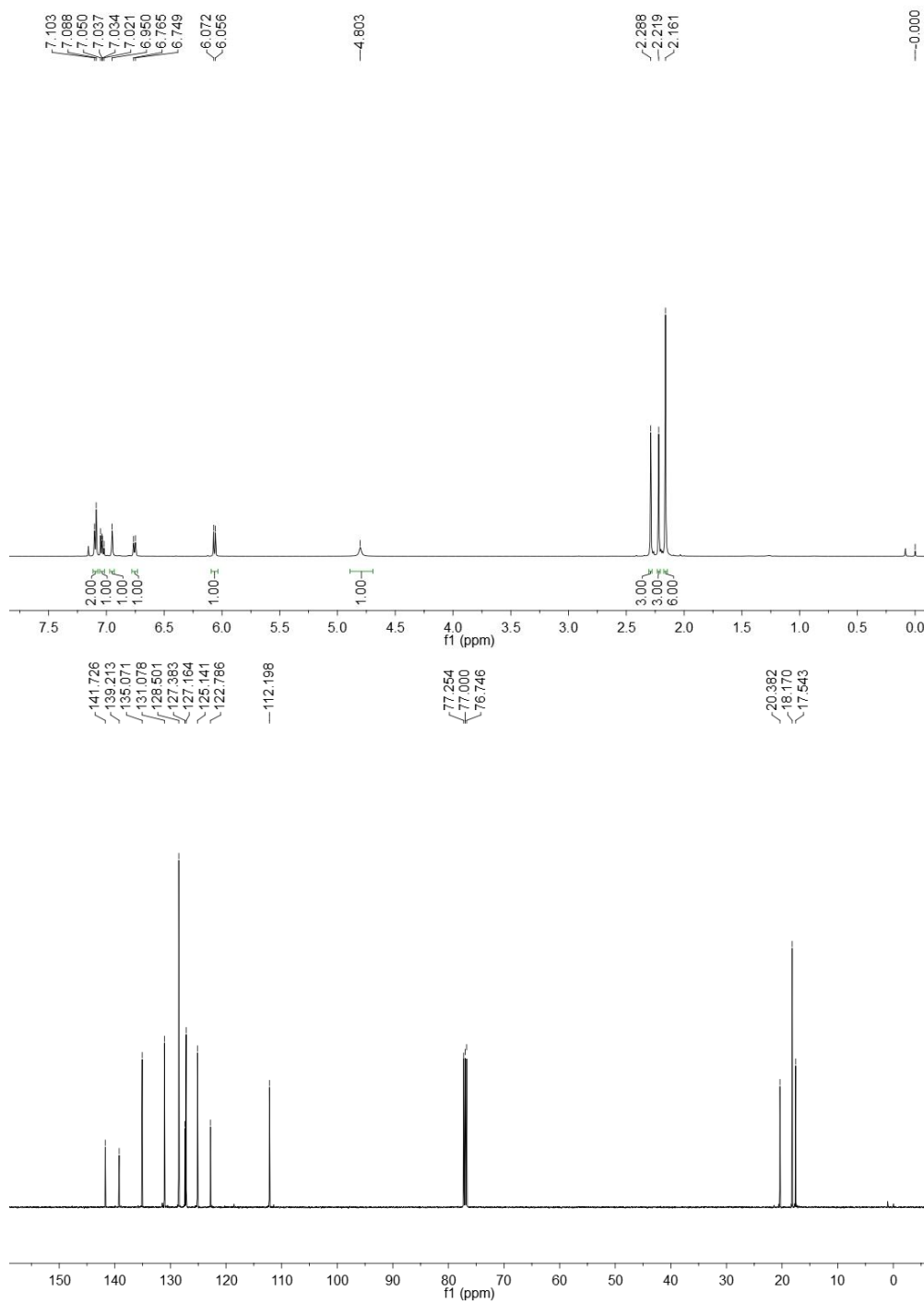


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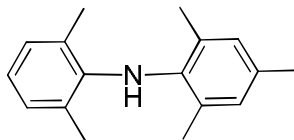




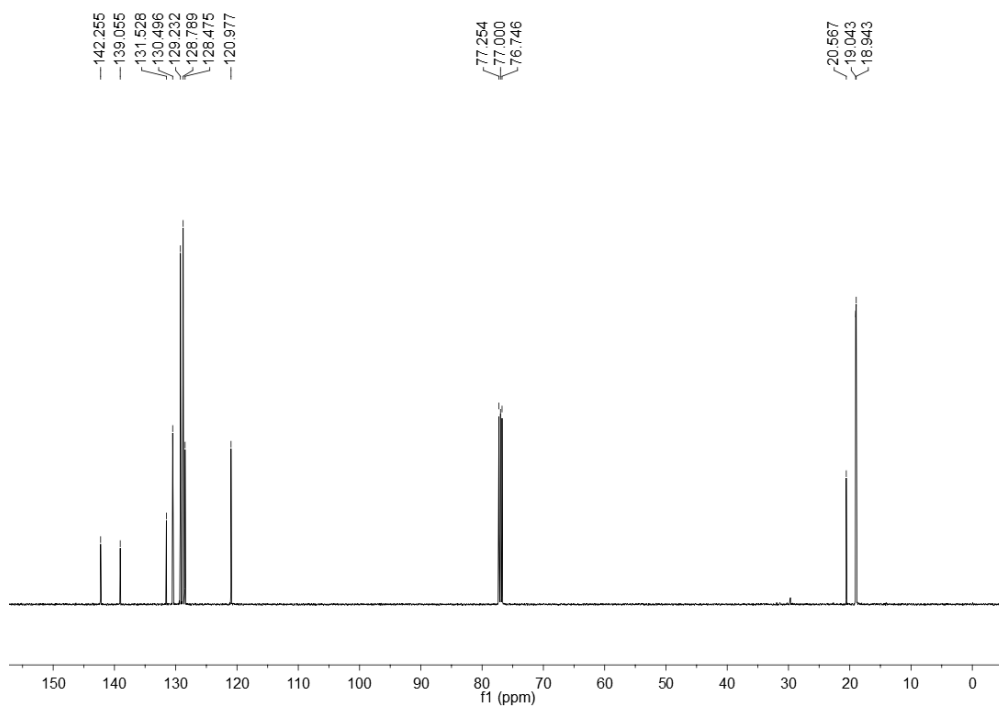
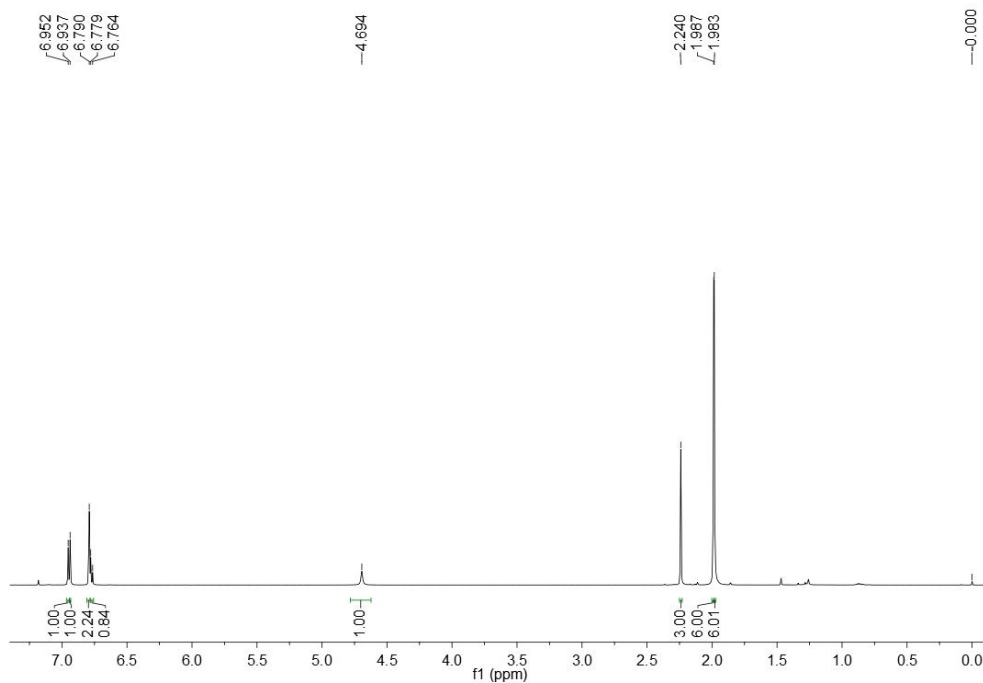
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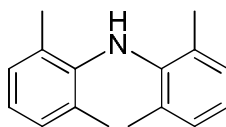




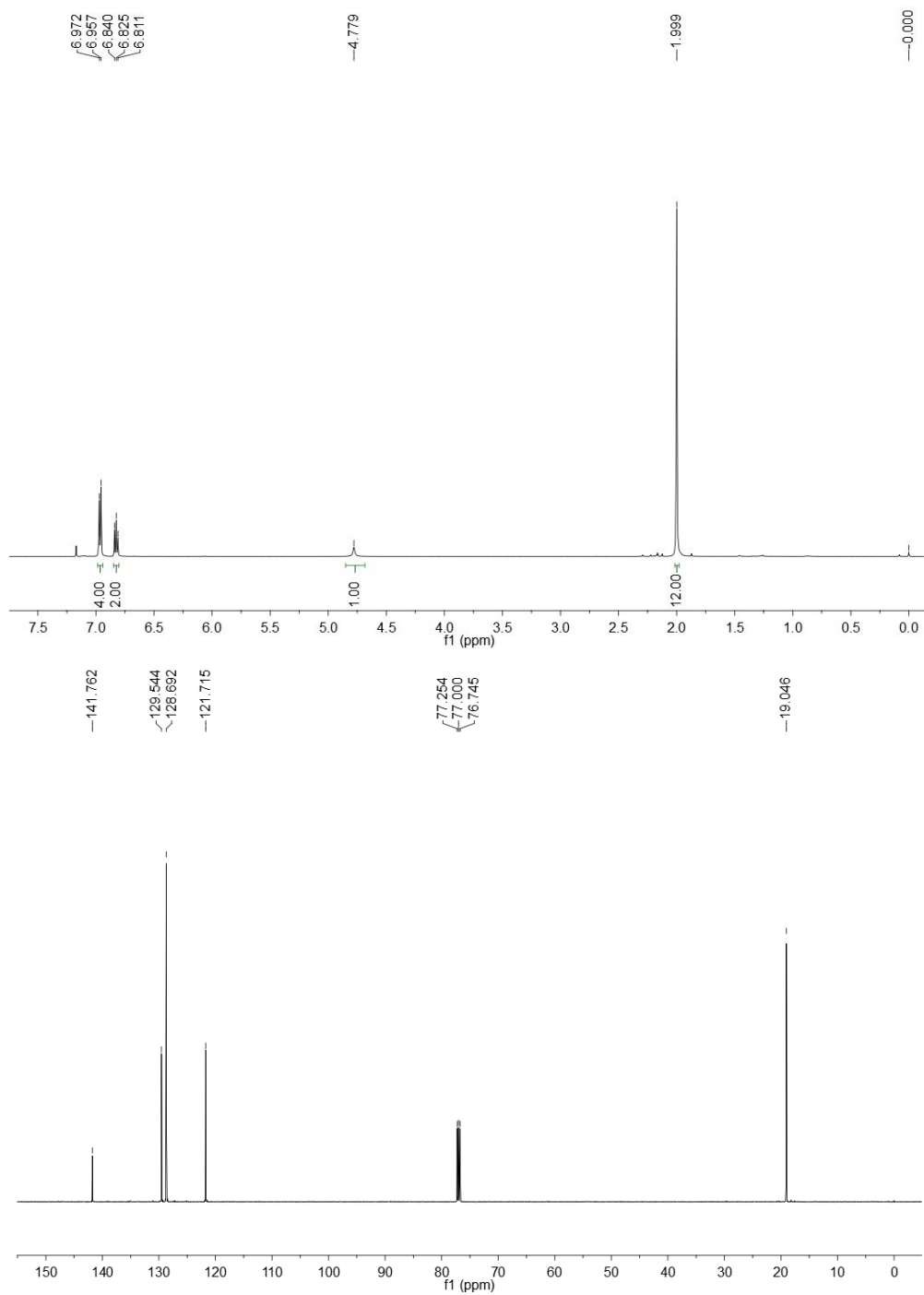


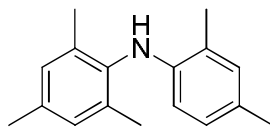
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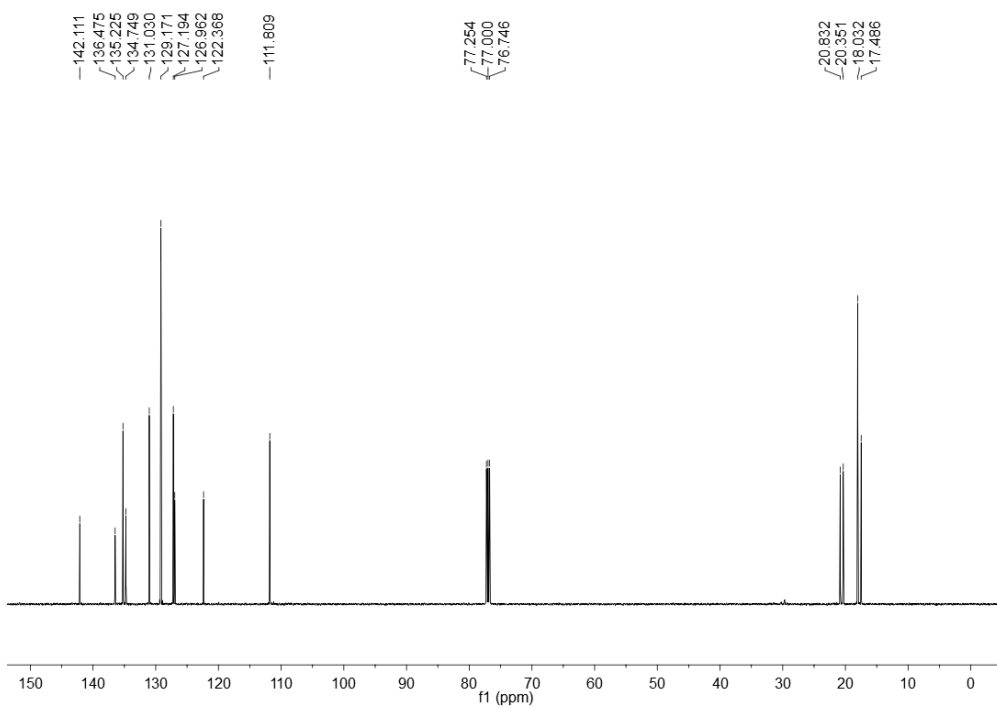
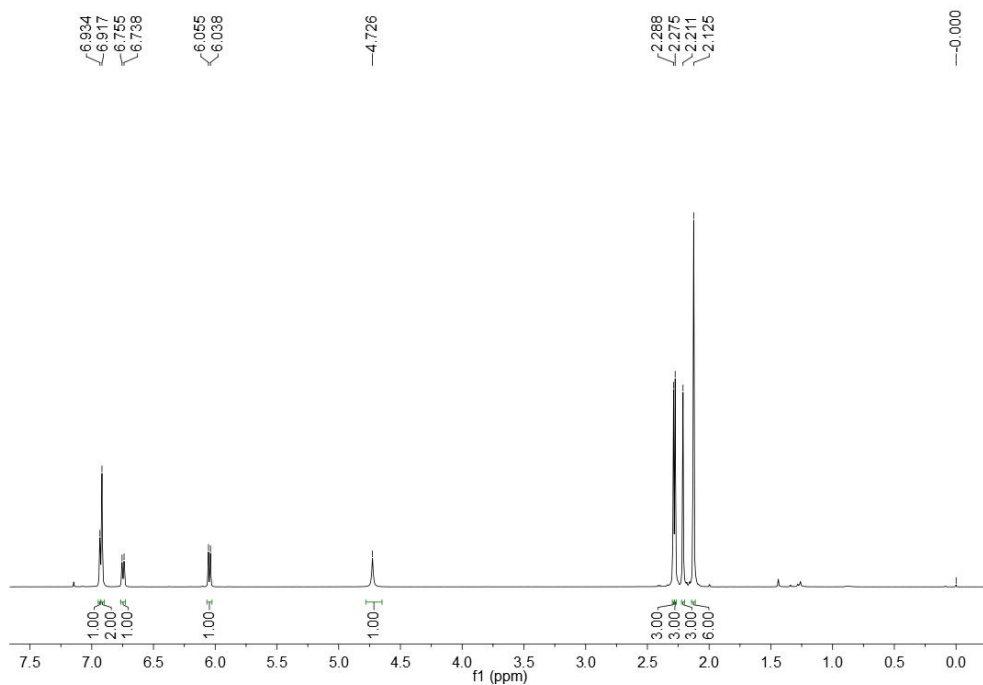


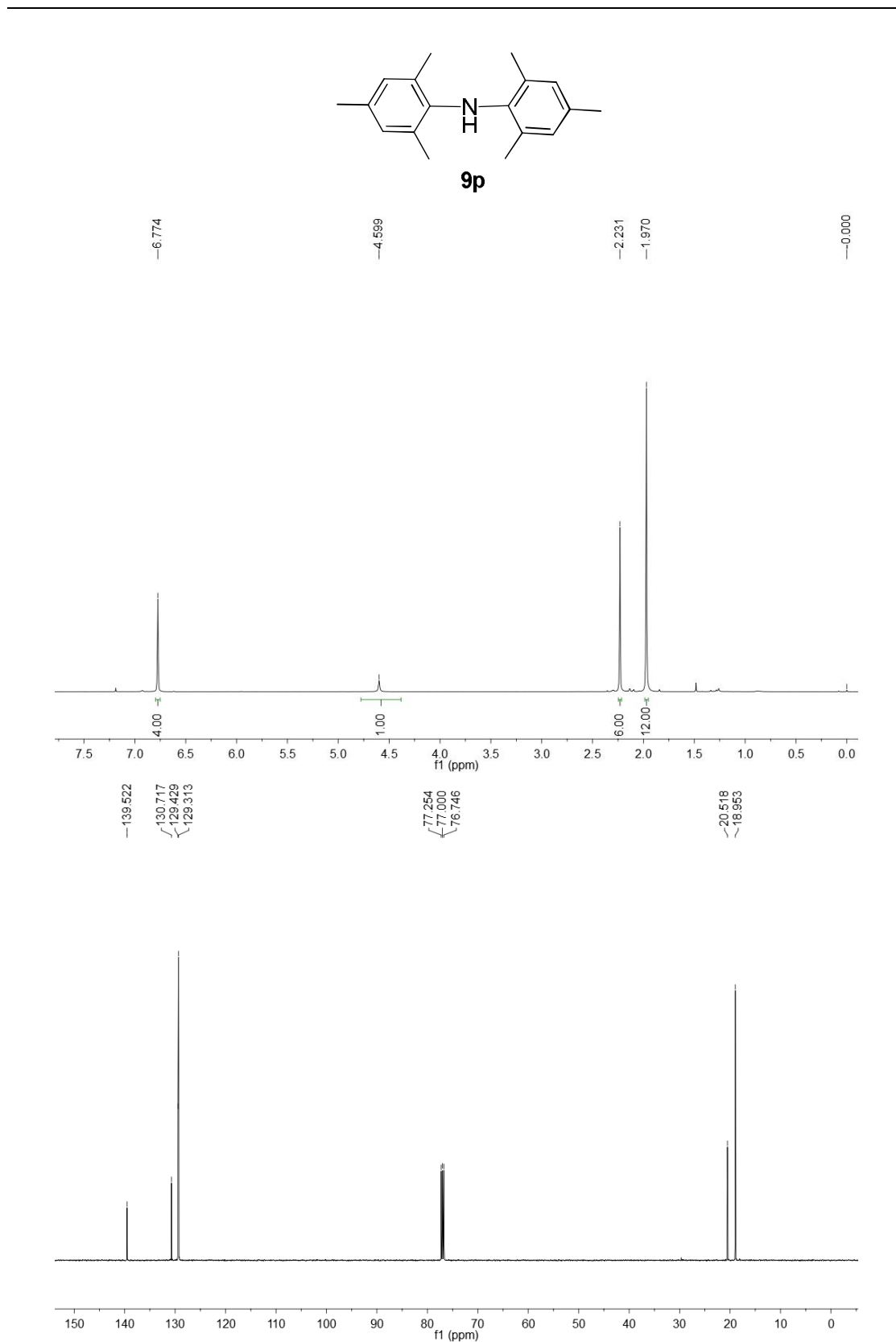
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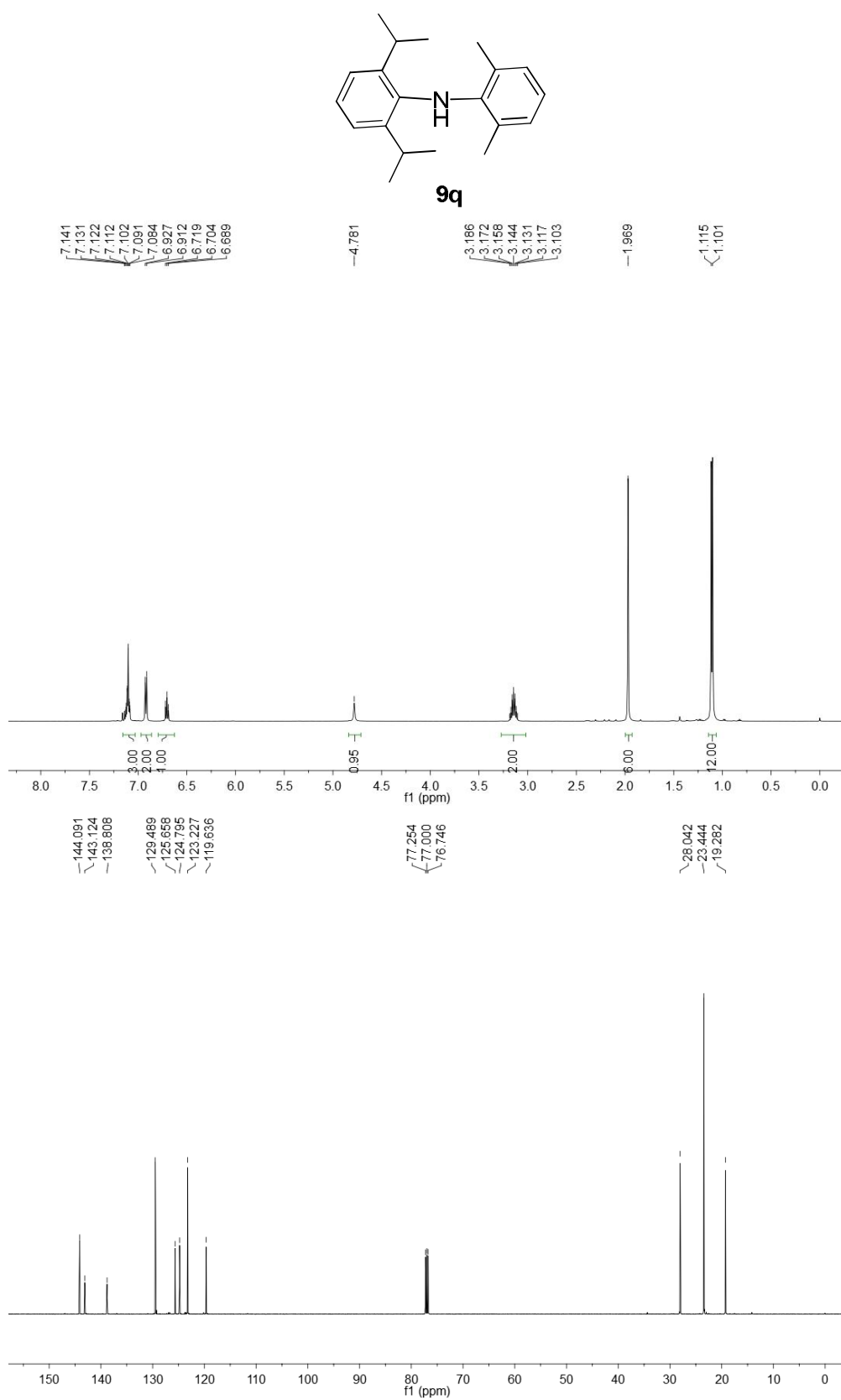


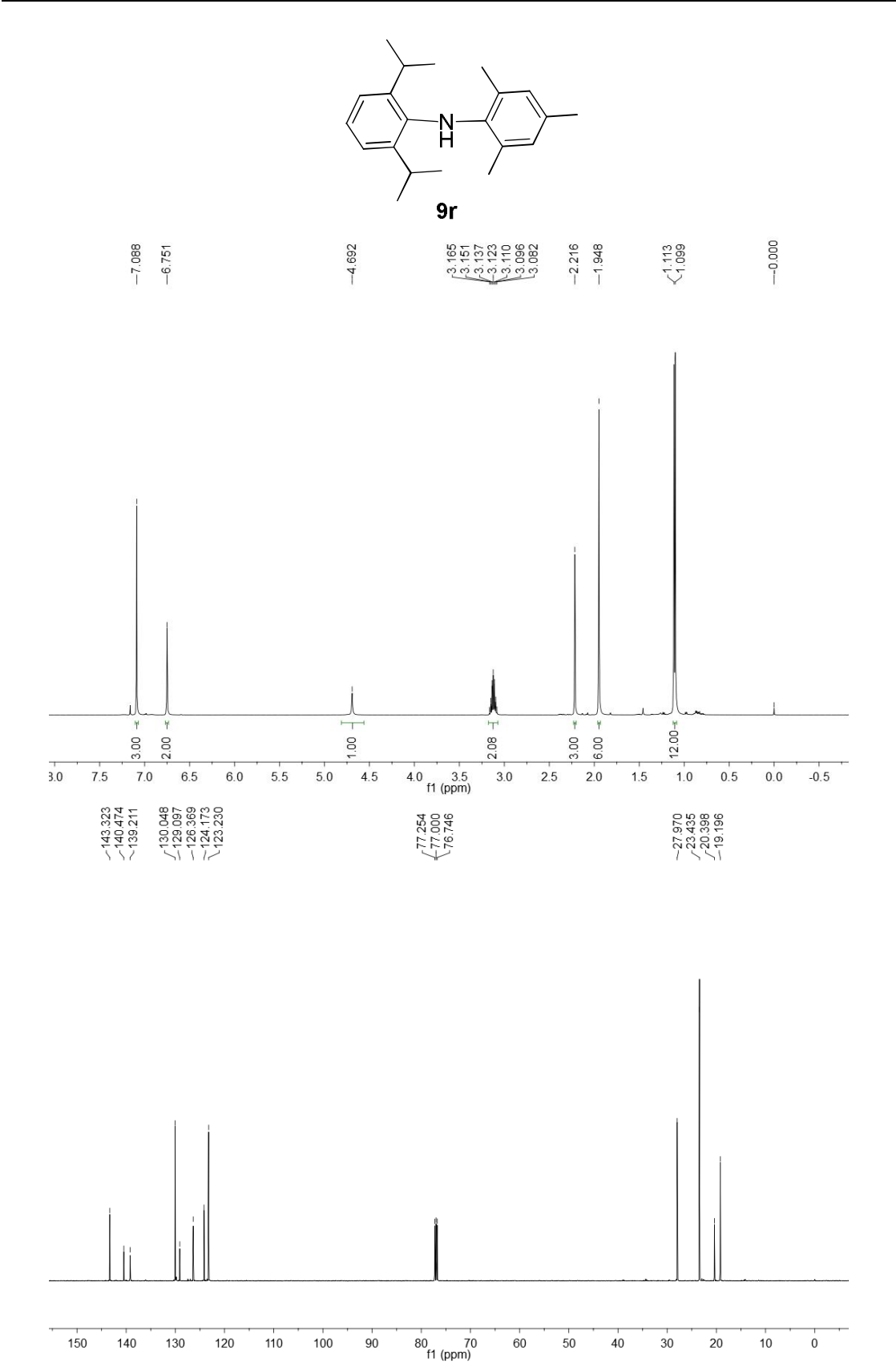


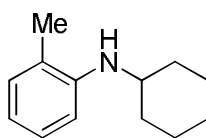
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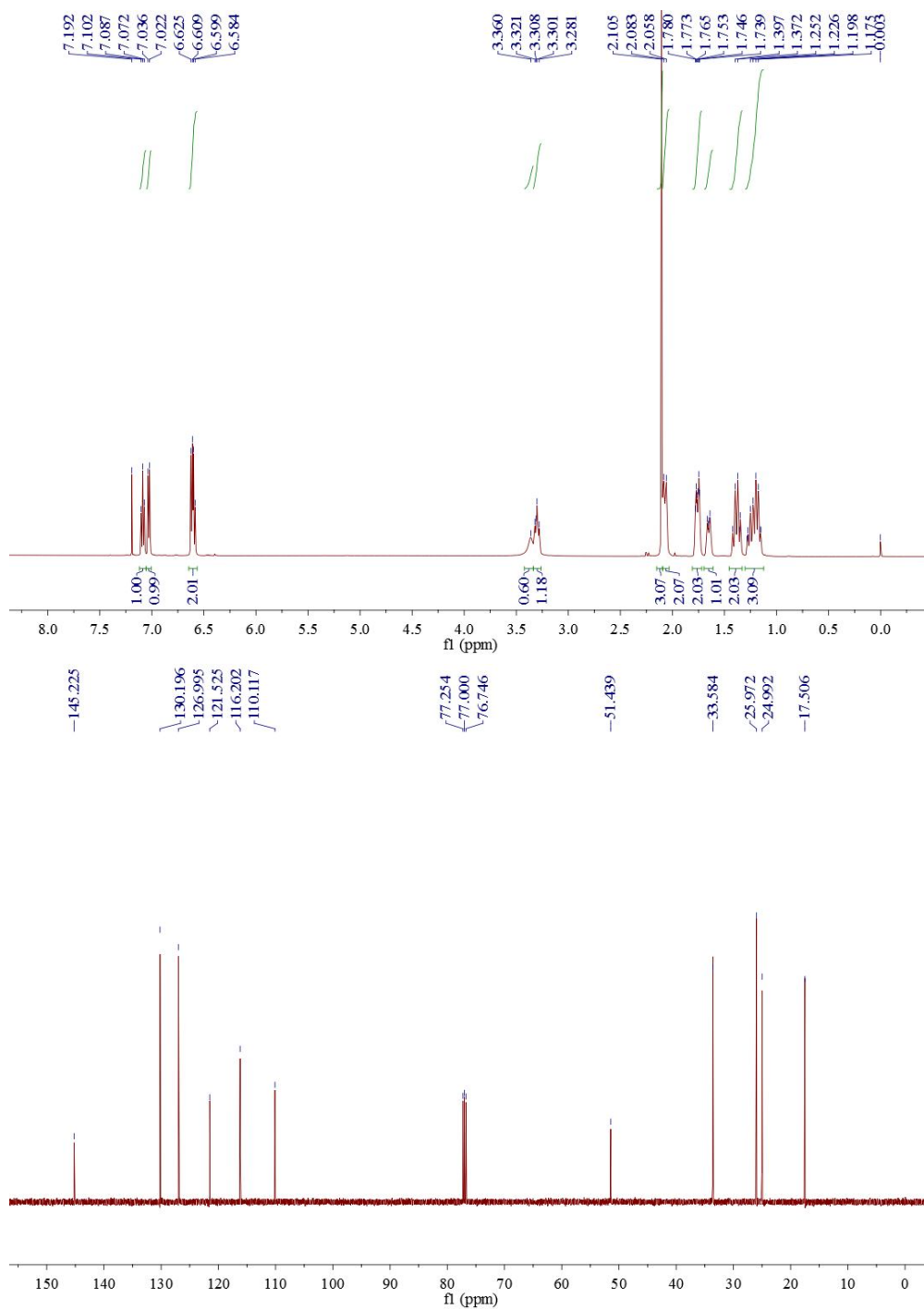


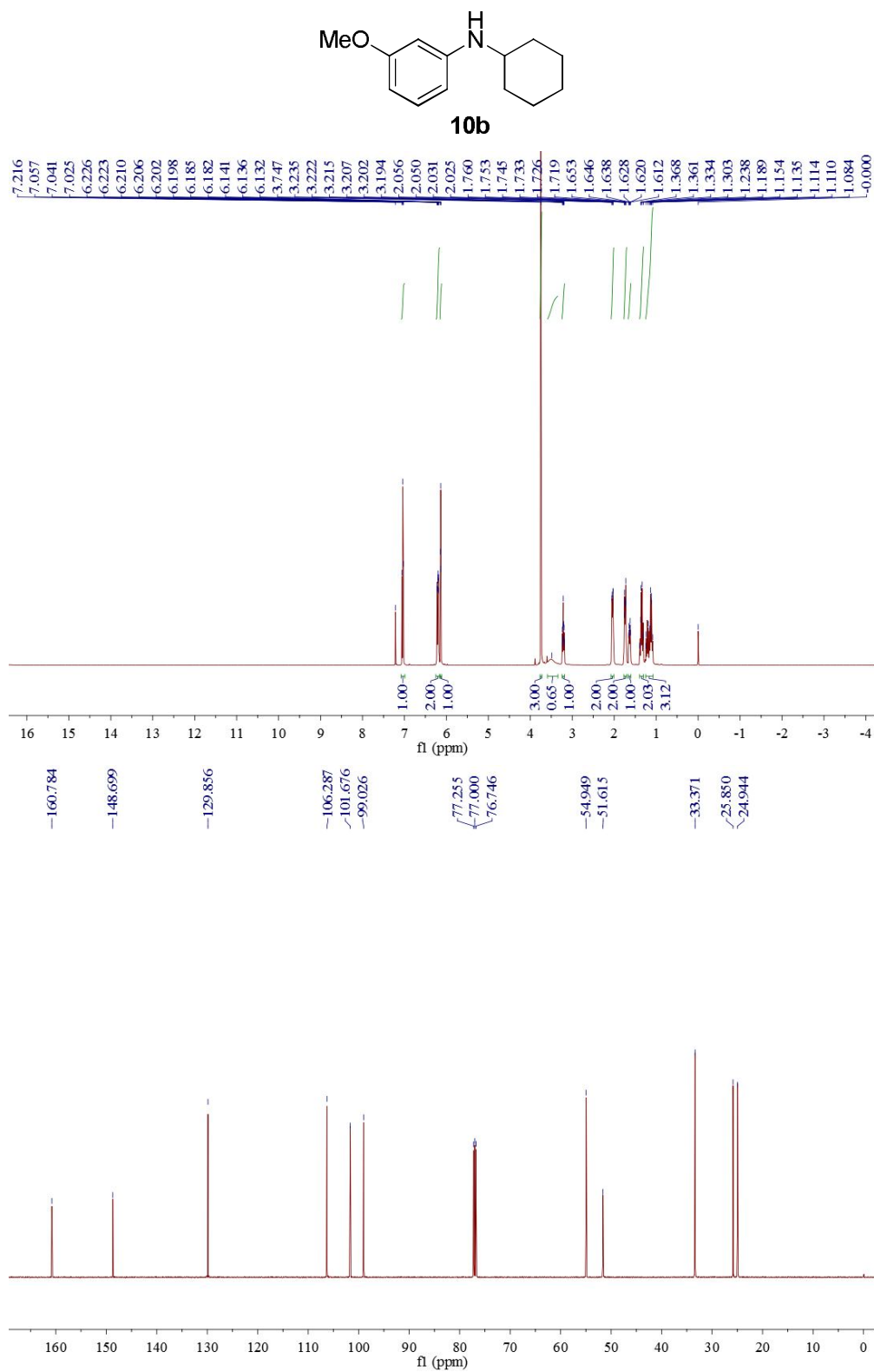




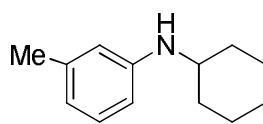


**10a**









**10c**

