

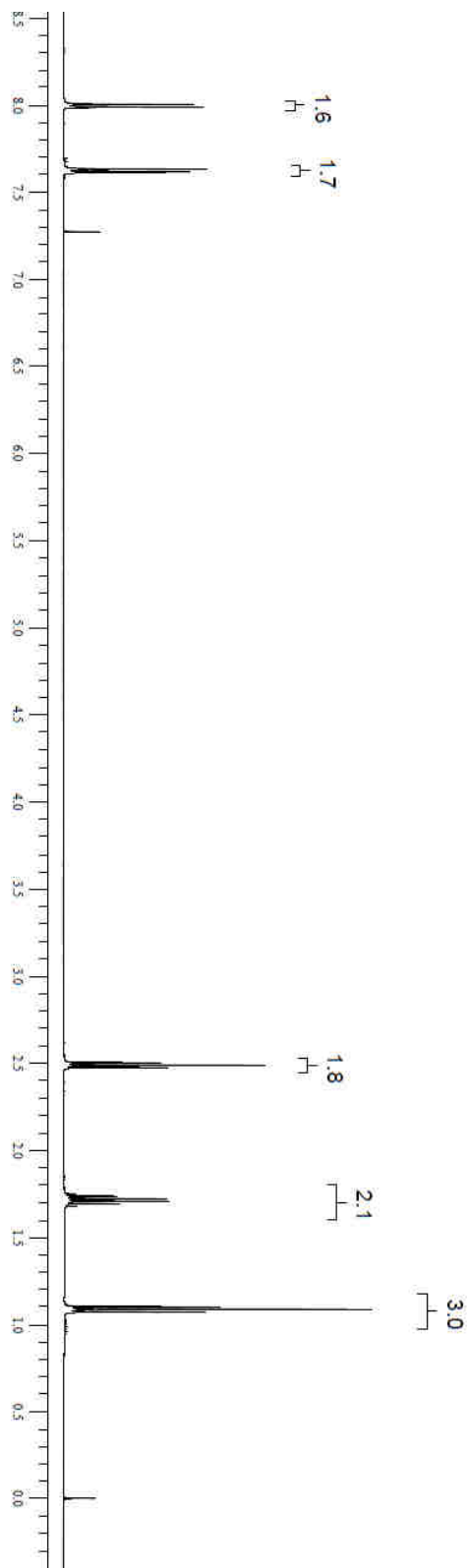
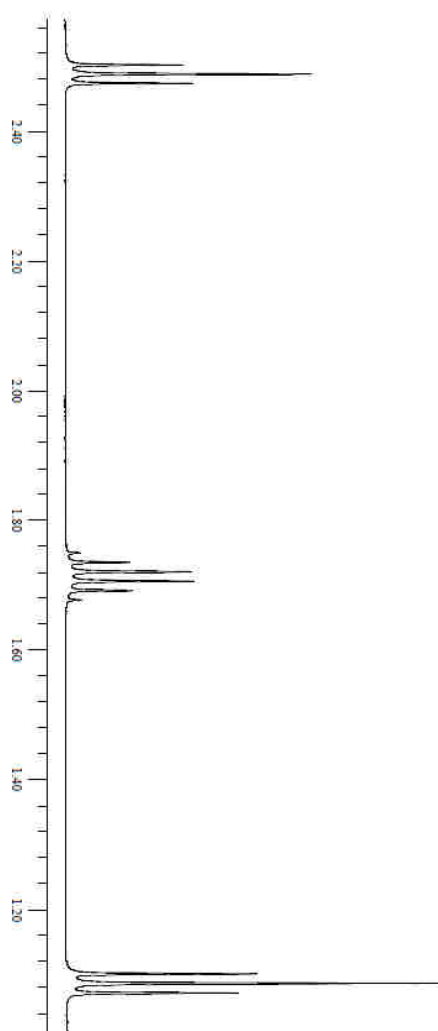
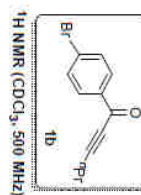
## Supplementary Material

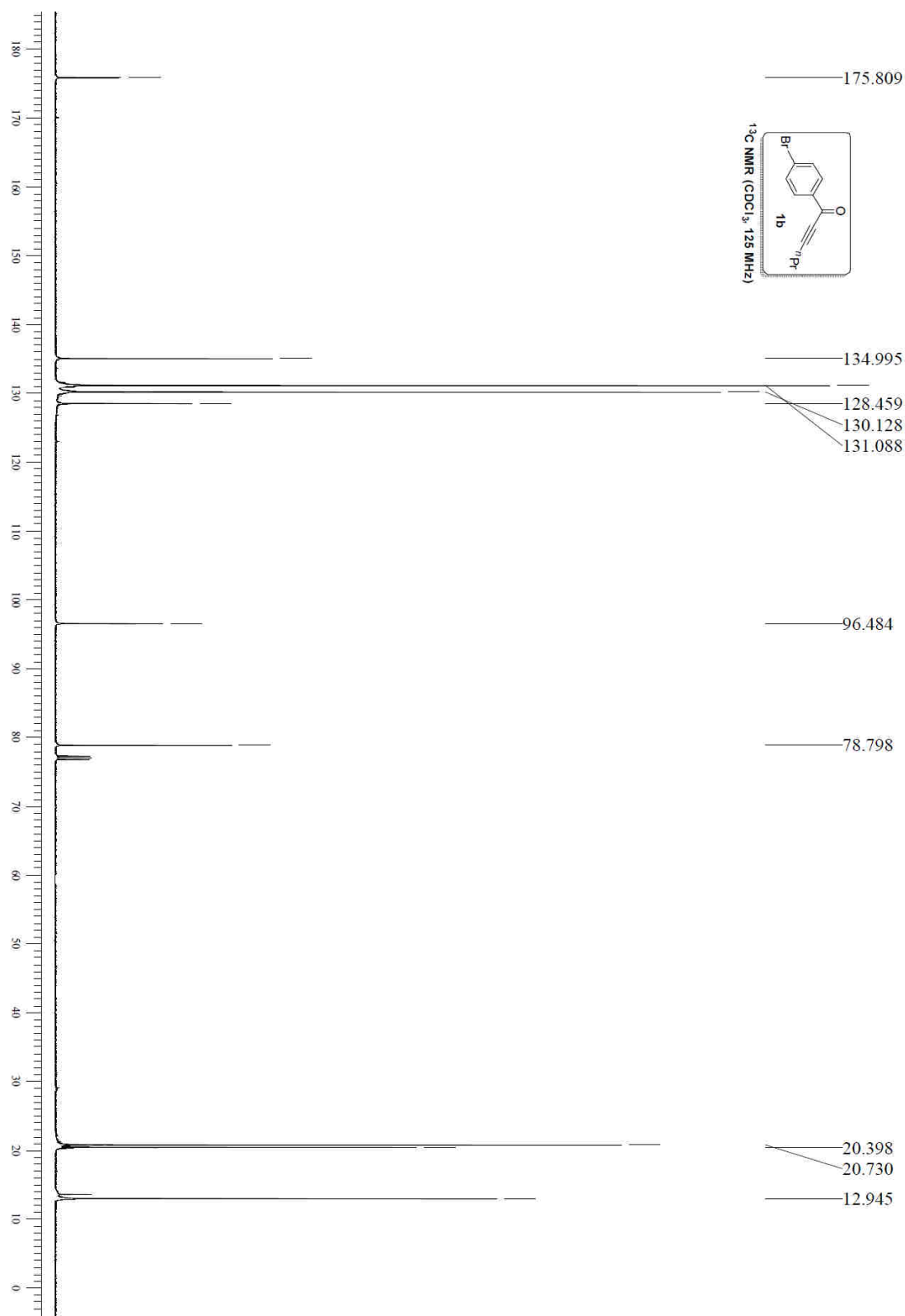
### Scandium triflate catalyzed unexpected cleavage of C-C bonds in ynones

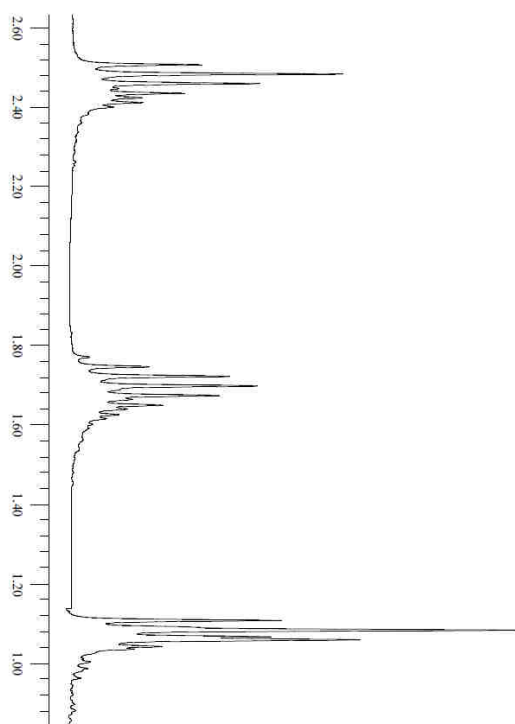
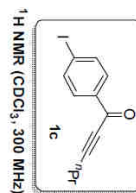
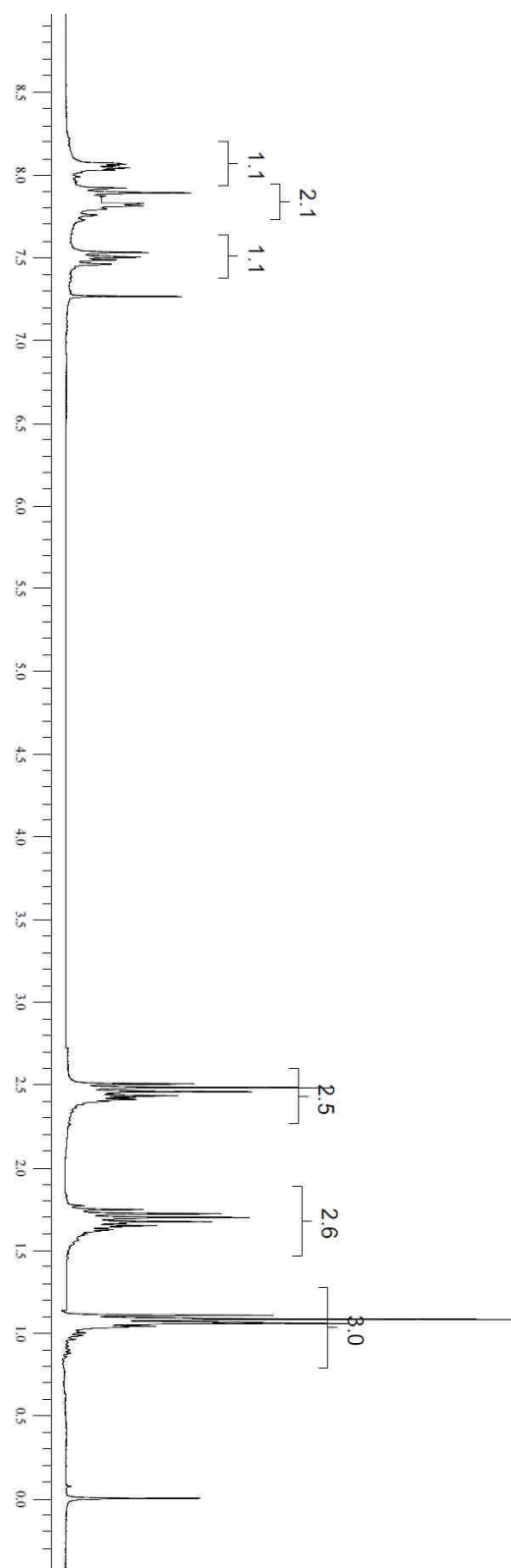
**Rahul D. Kavthe,<sup>a</sup> Avinash H. Bansode,<sup>b</sup> and Nitin T. Patil\*<sup>b</sup>**

<sup>a</sup>*Division of Crop Protection Chemicals, CSIR-Indian Institute of Chemical Technology,  
Hyderabad - 500 007, India*

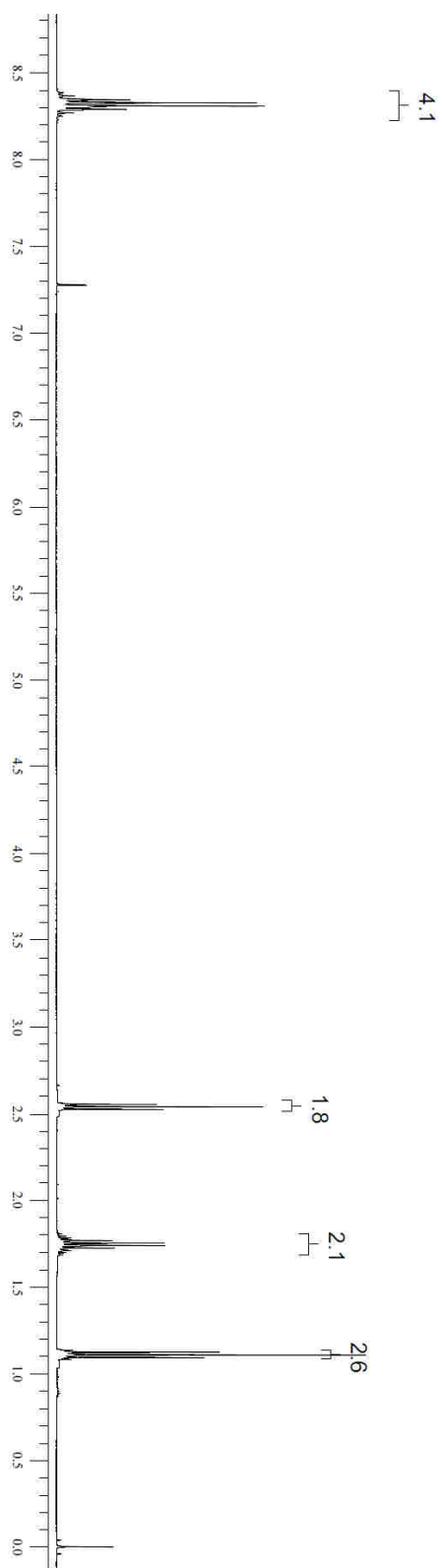
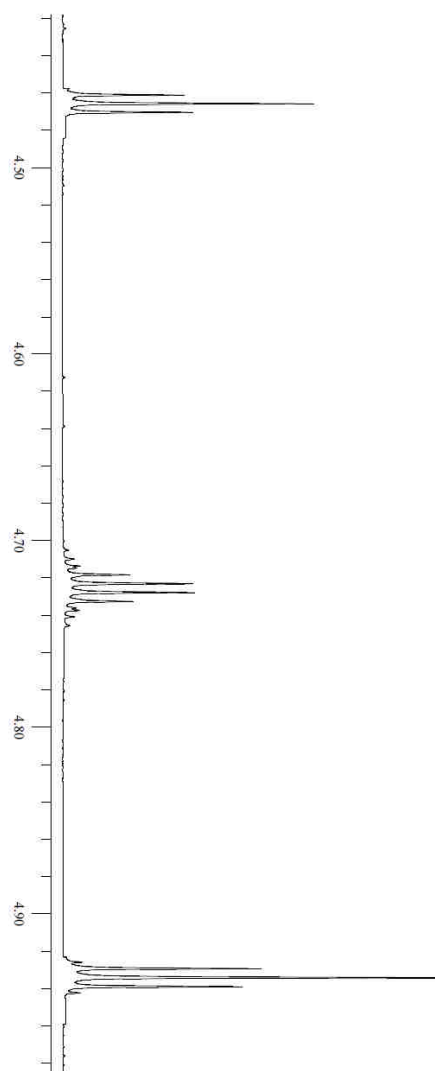
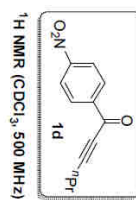
<sup>b</sup>*Organic Chemistry Division, CSIR-National Chemical Laboratory  
Dr. Homi Bhabha Road, Pune - 411 008, India  
E-mail: [n.patil@ncl.res.in](mailto:n.patil@ncl.res.in)*

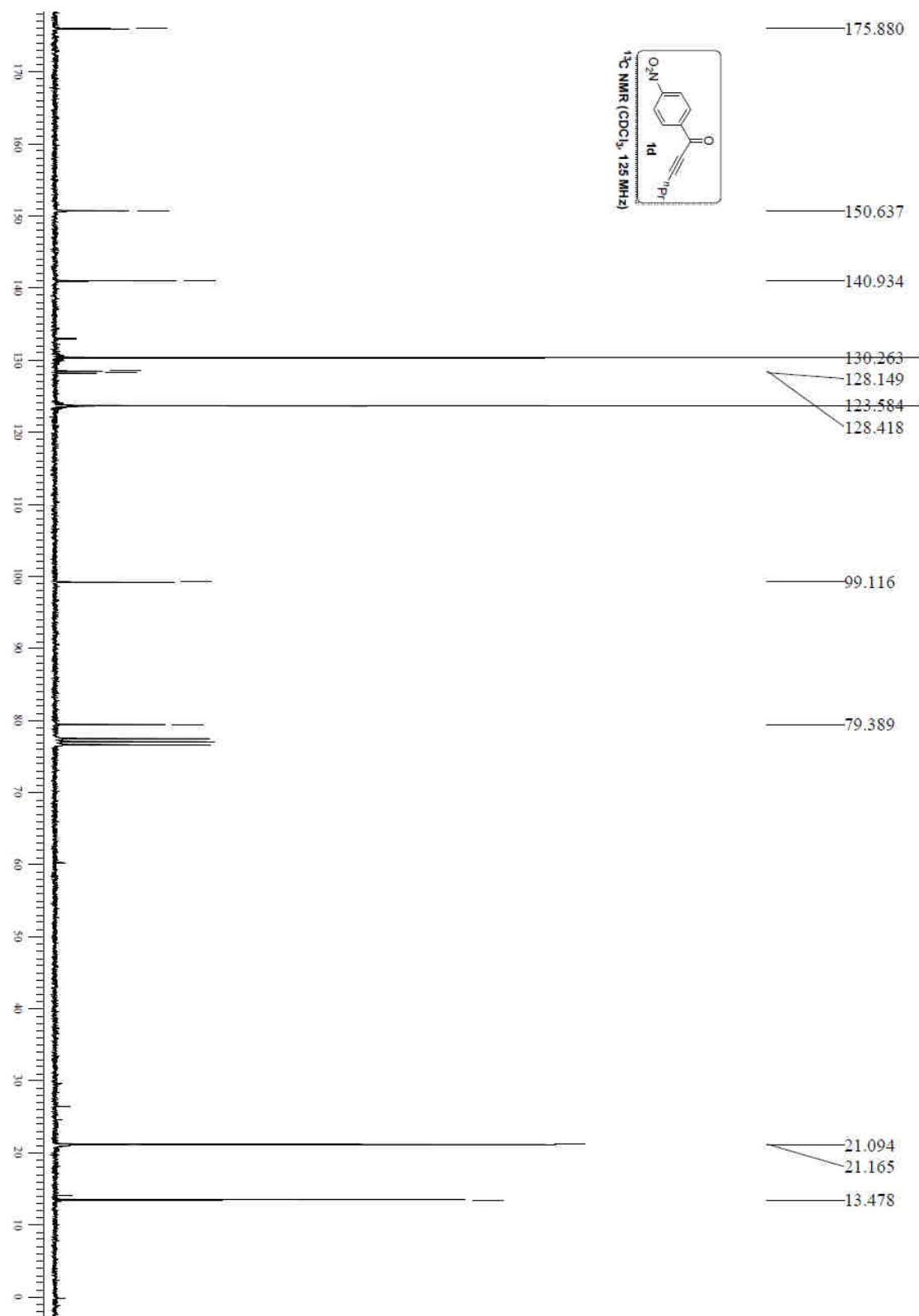


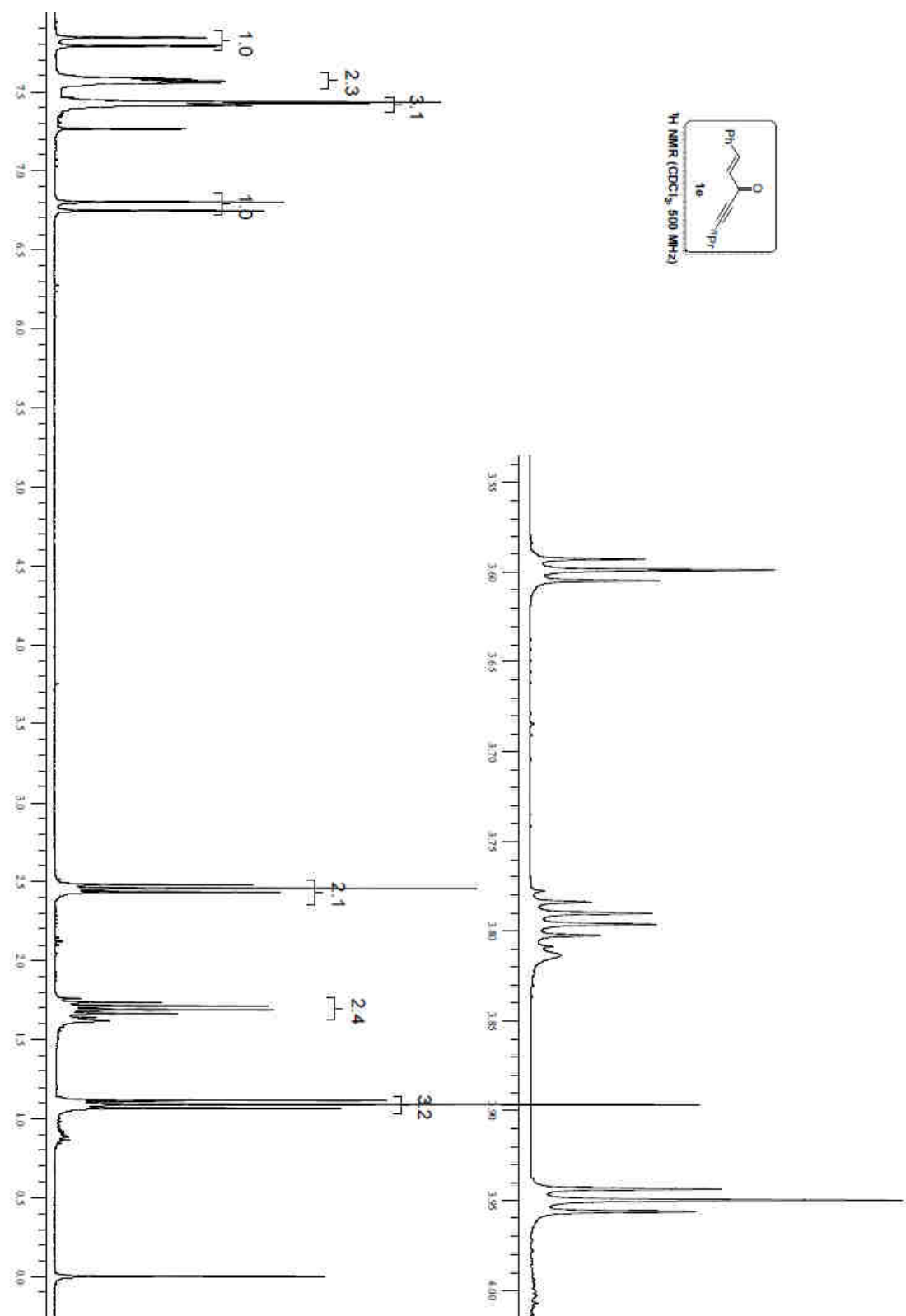




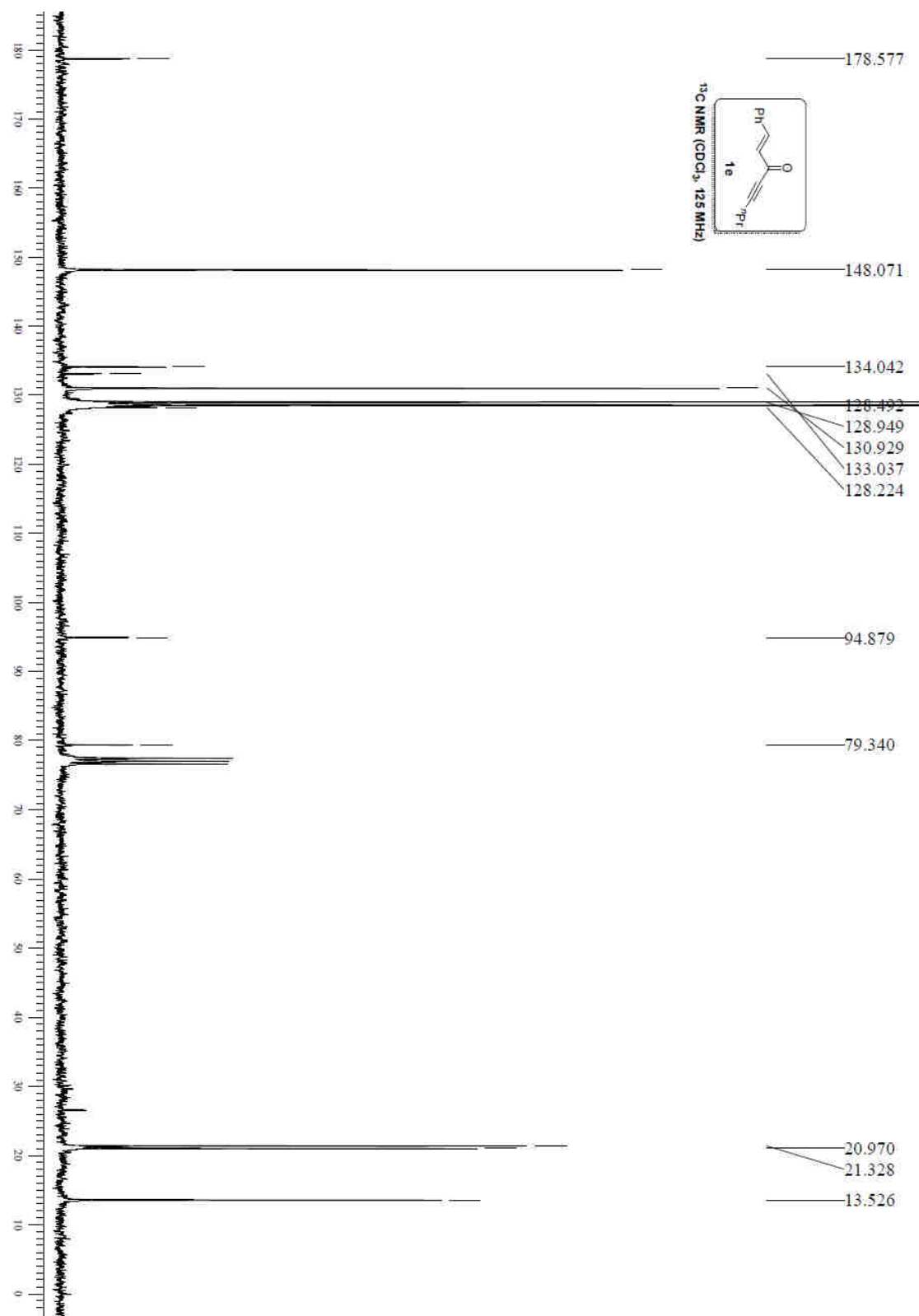


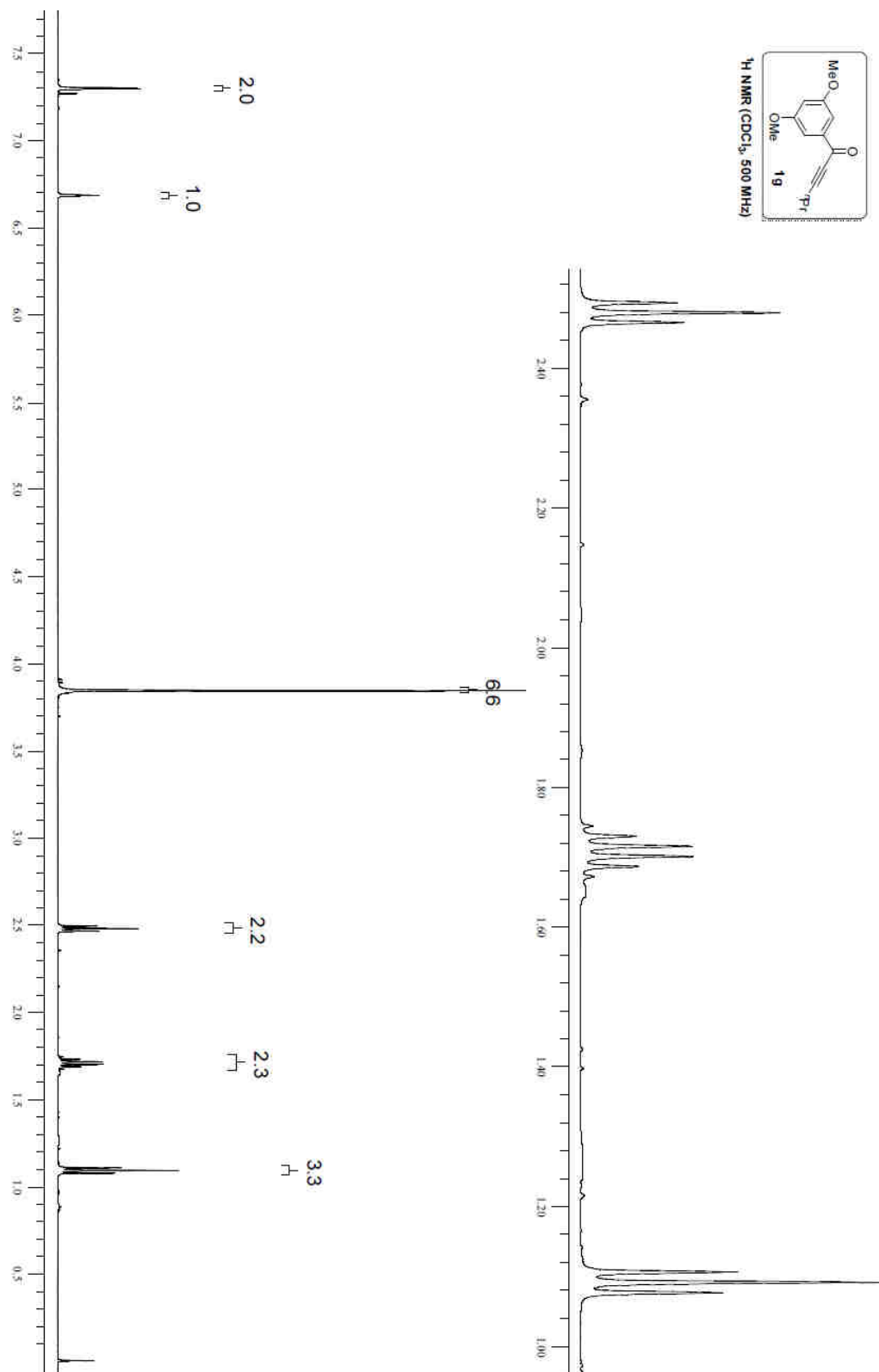


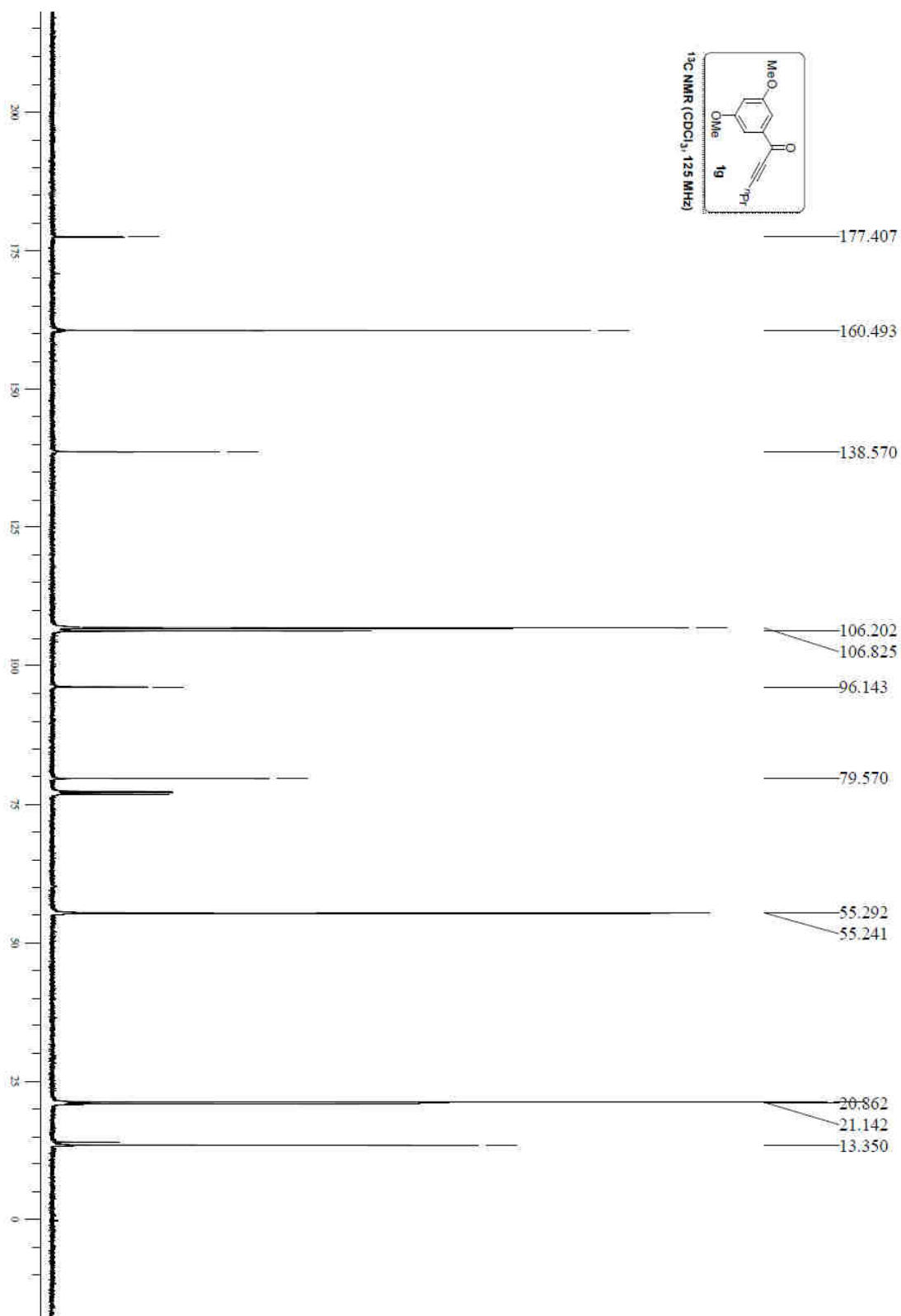


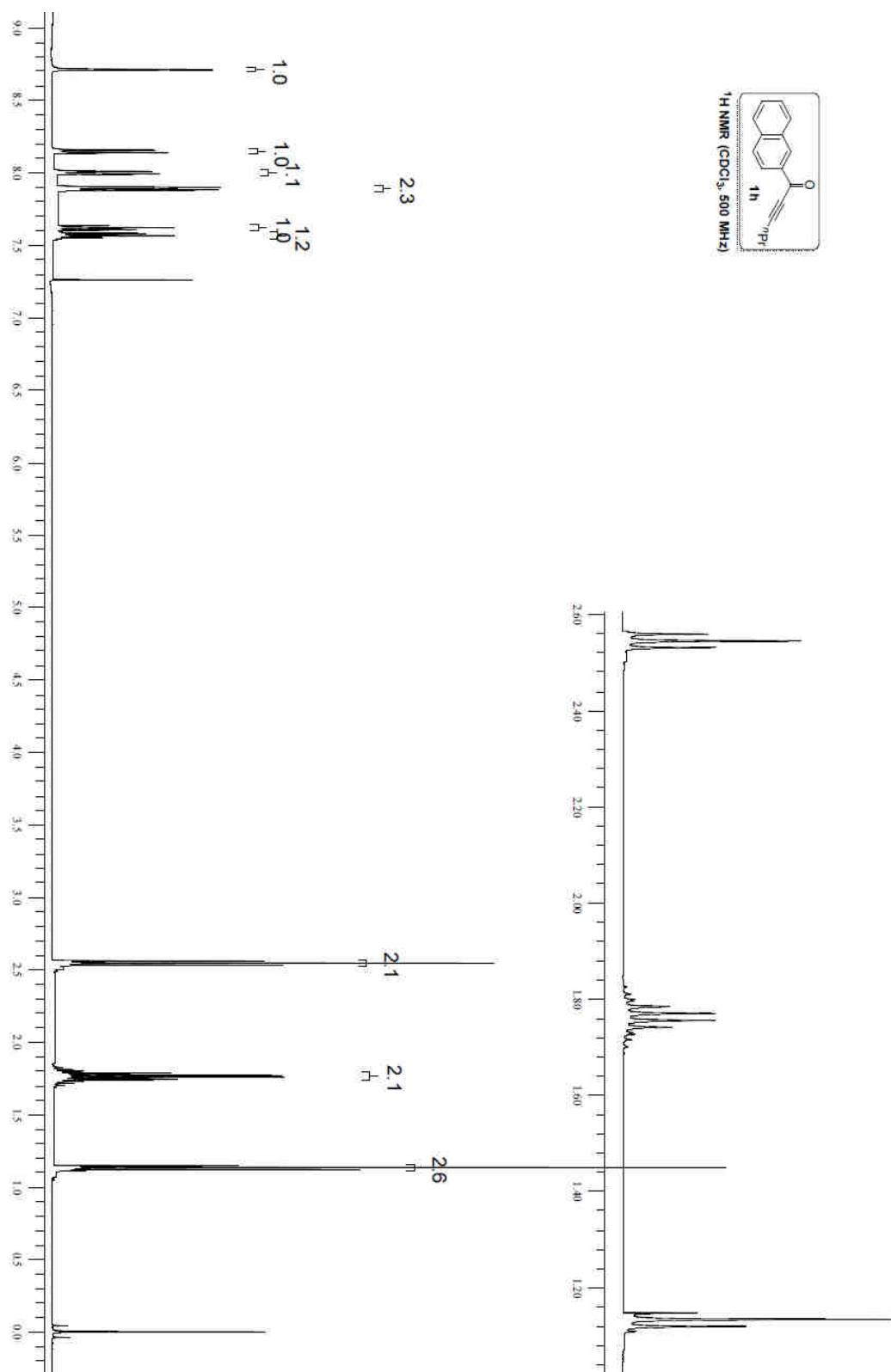


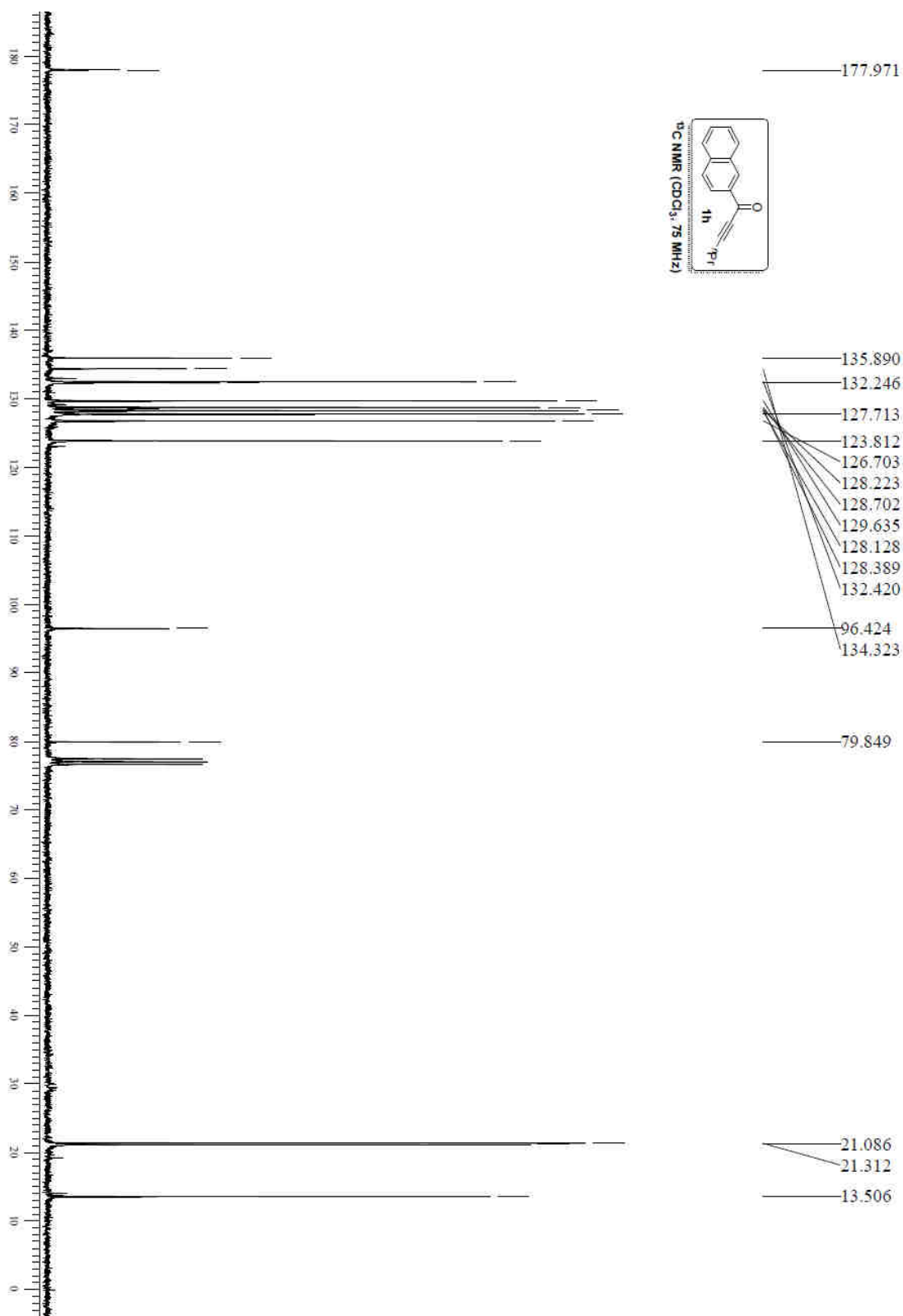


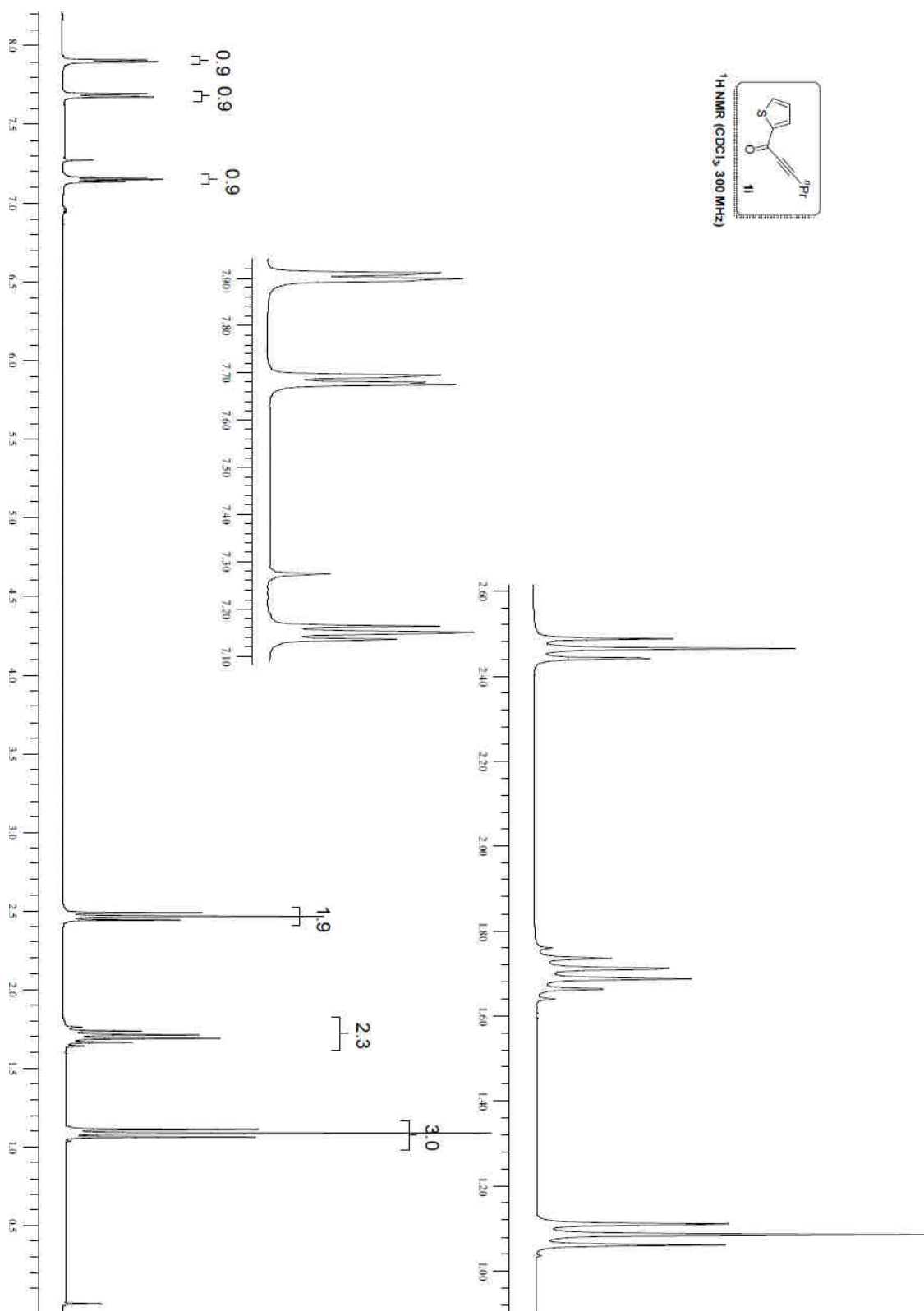


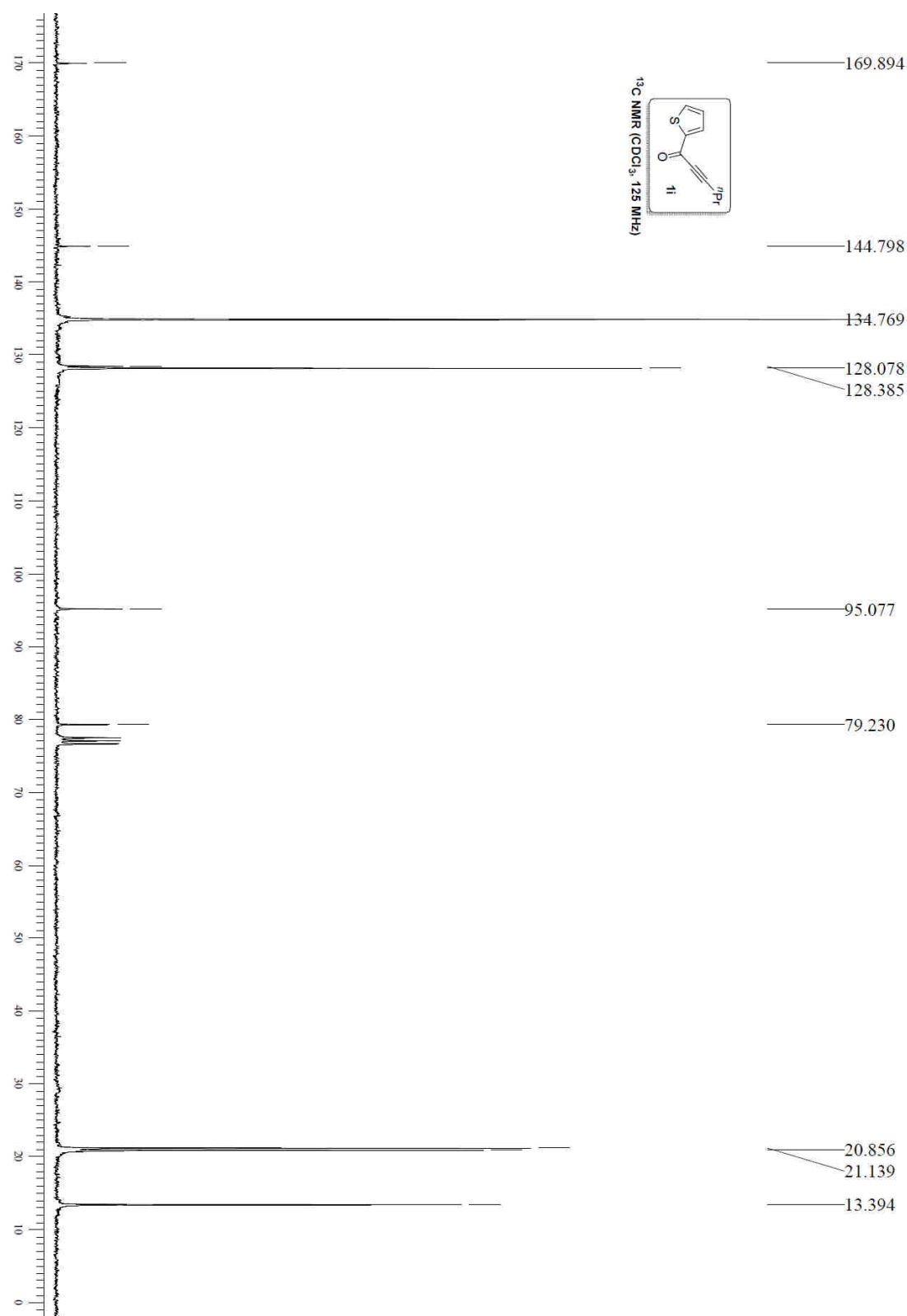


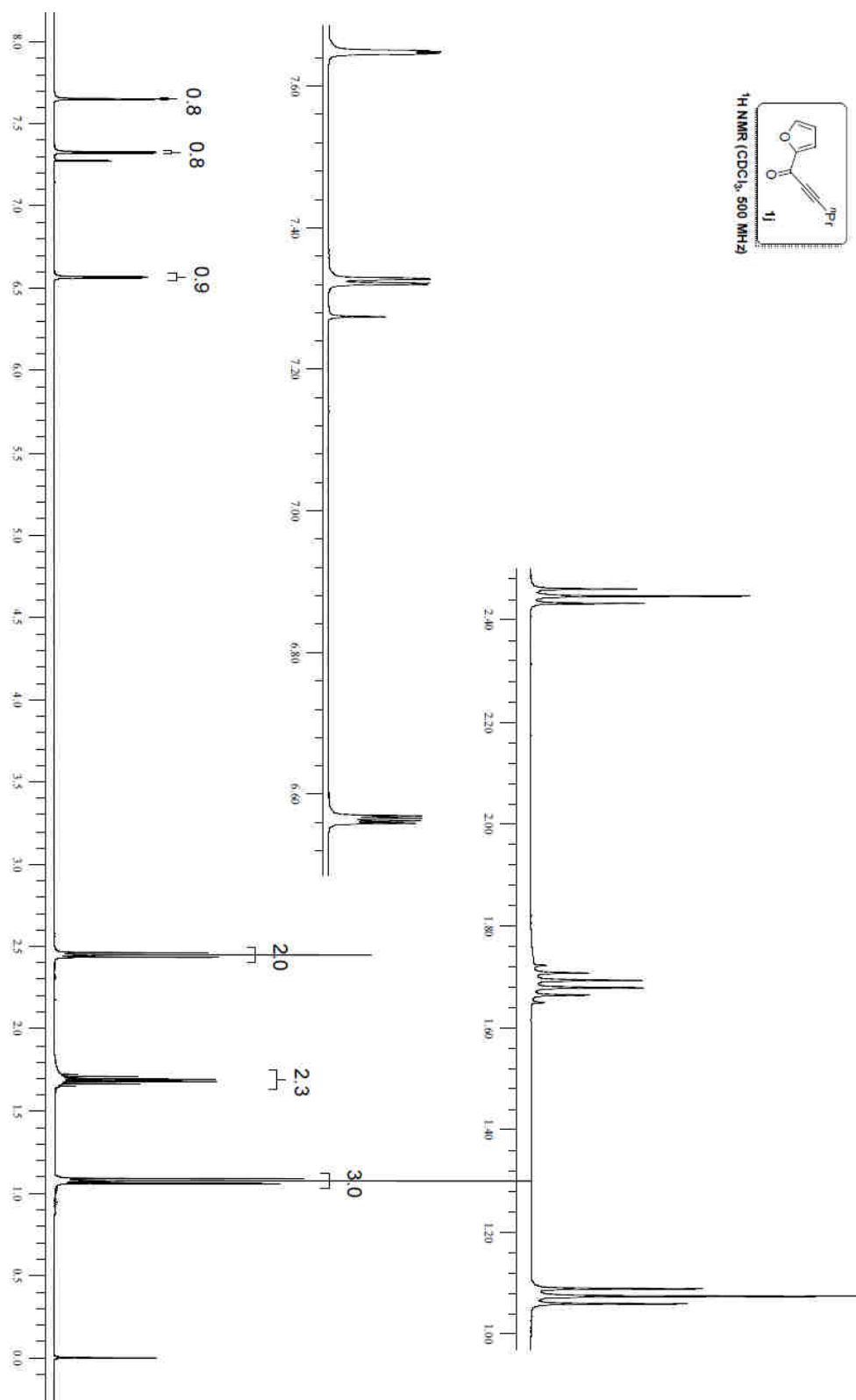




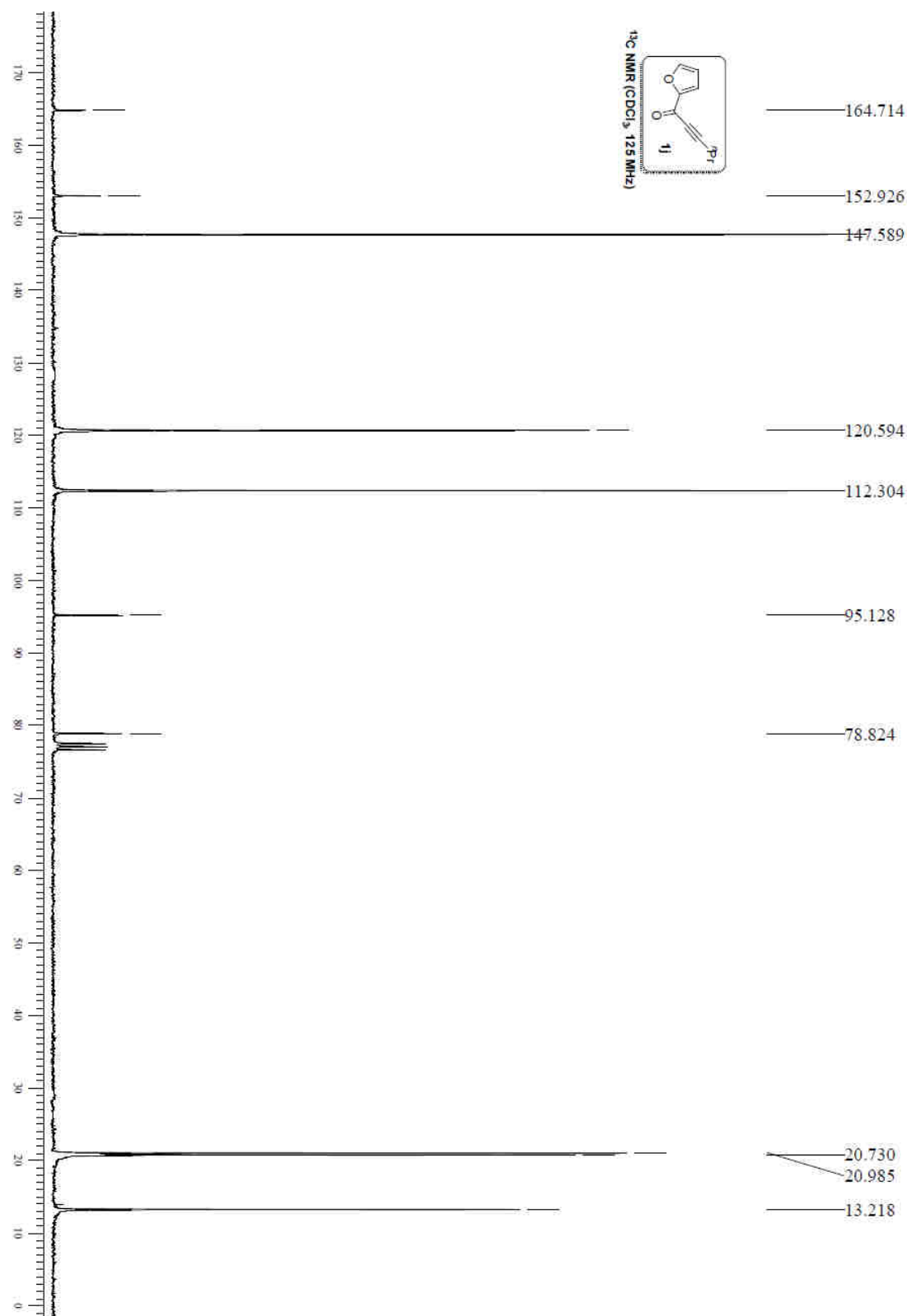


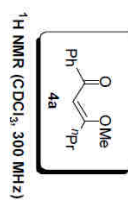
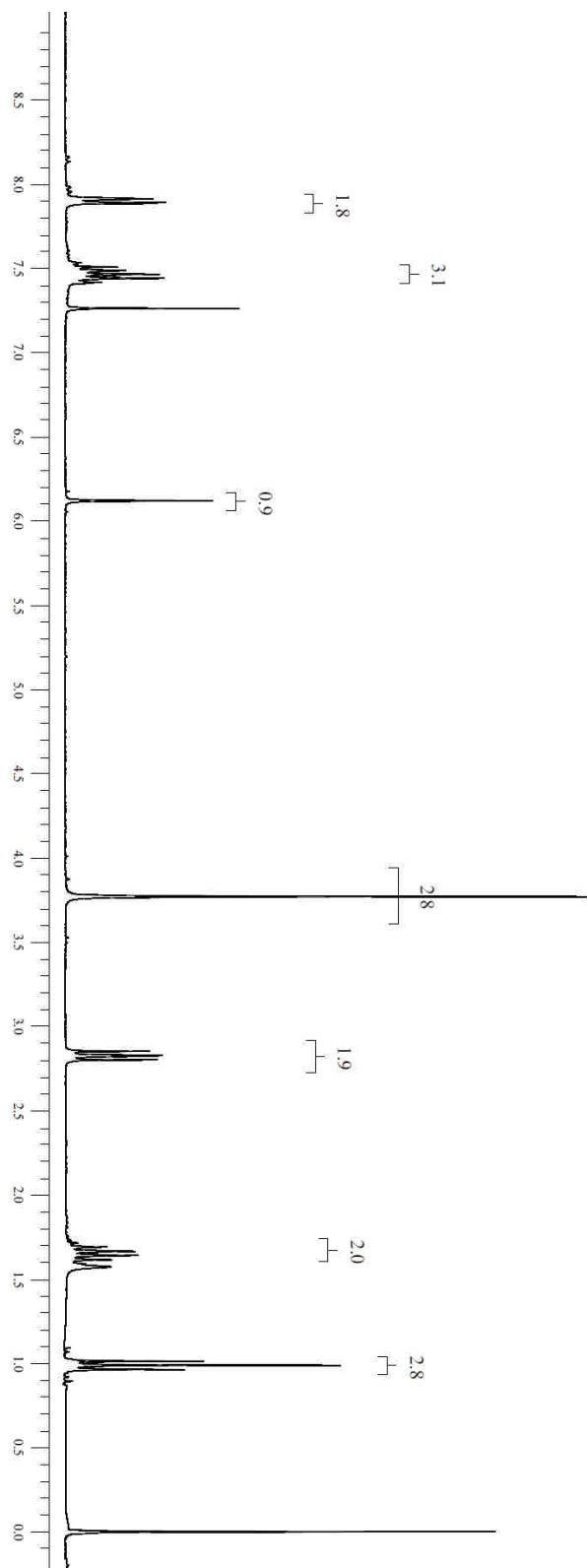


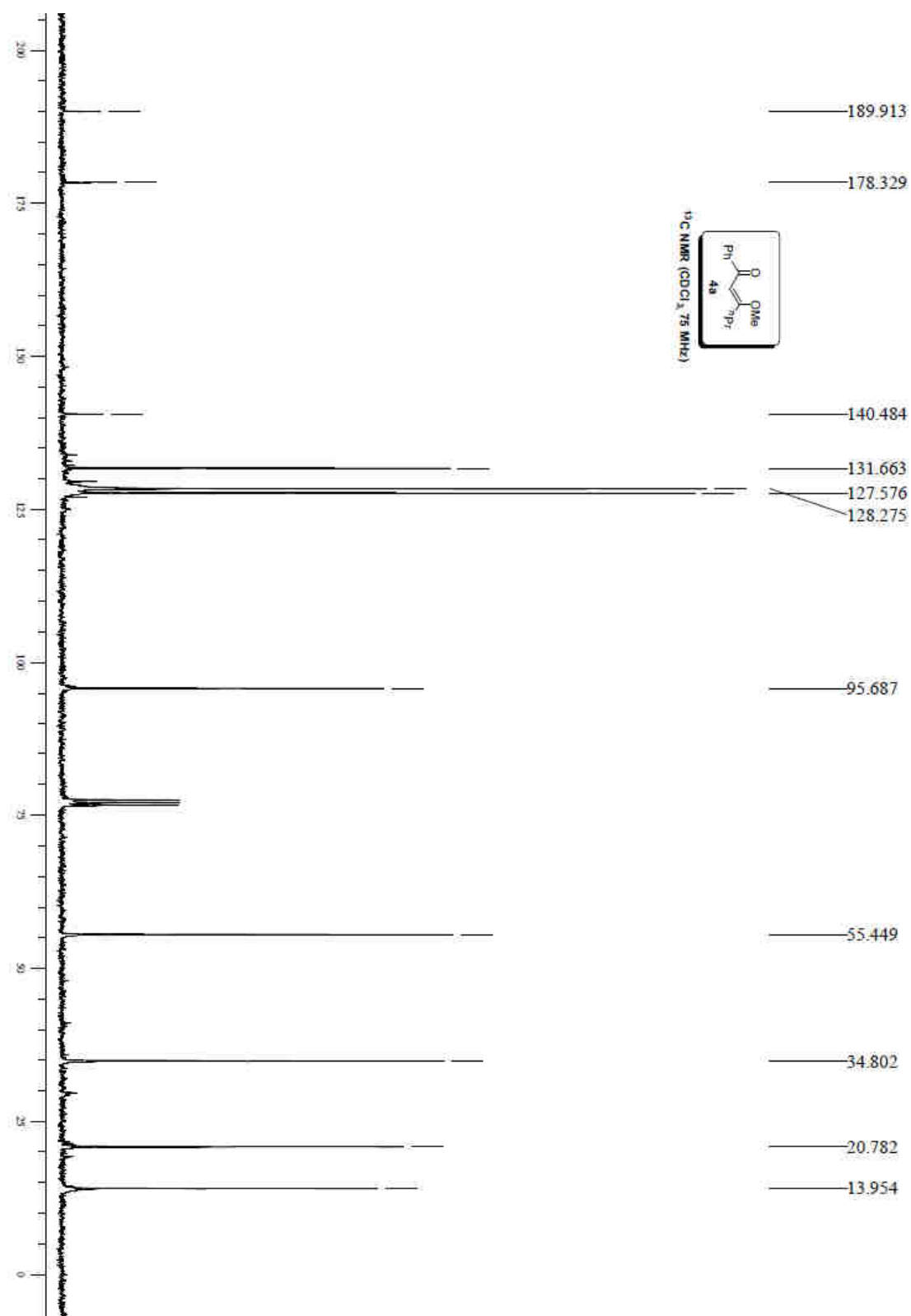


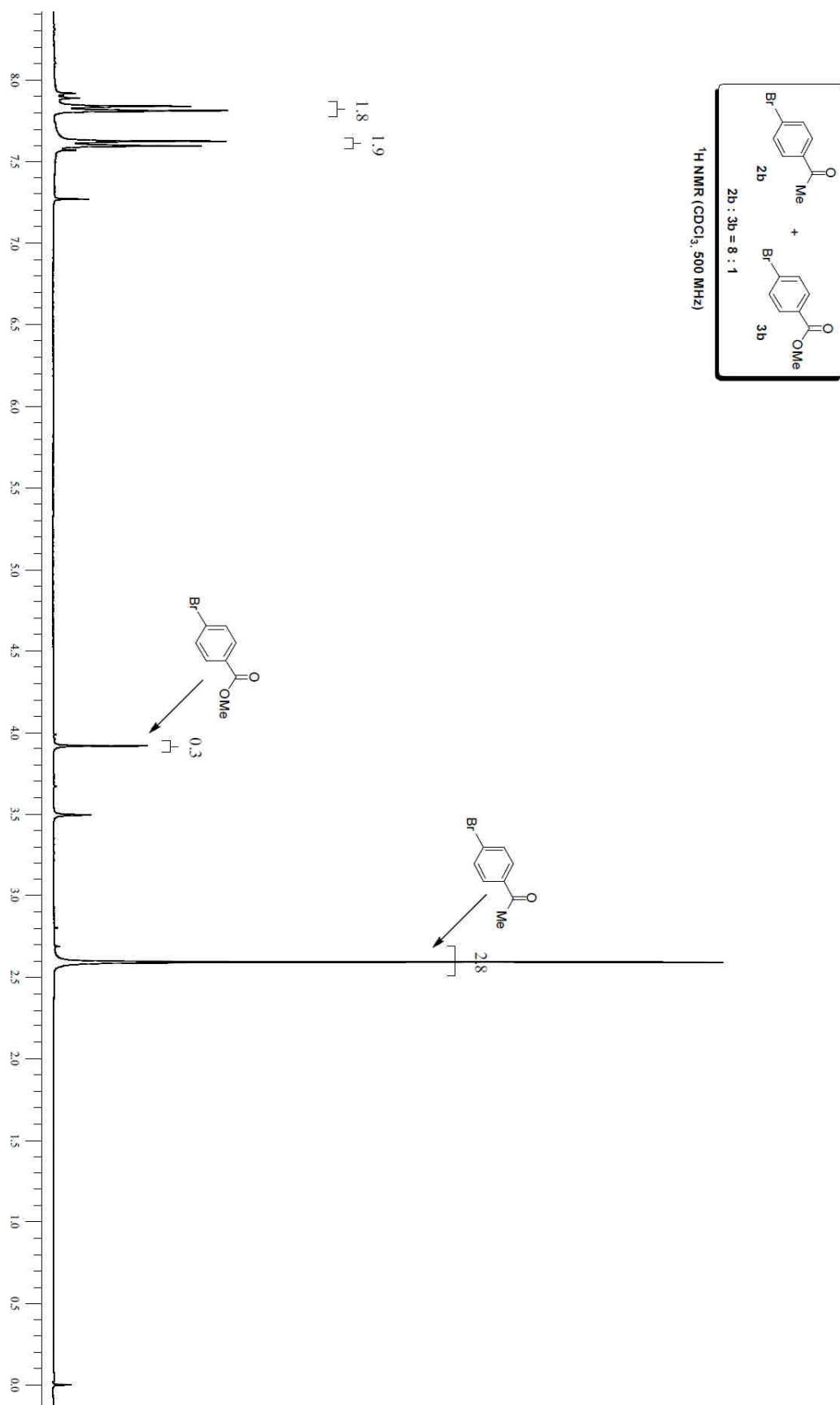


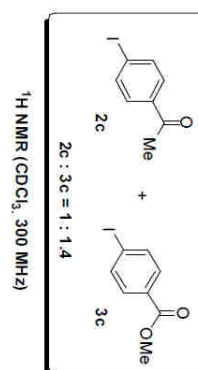
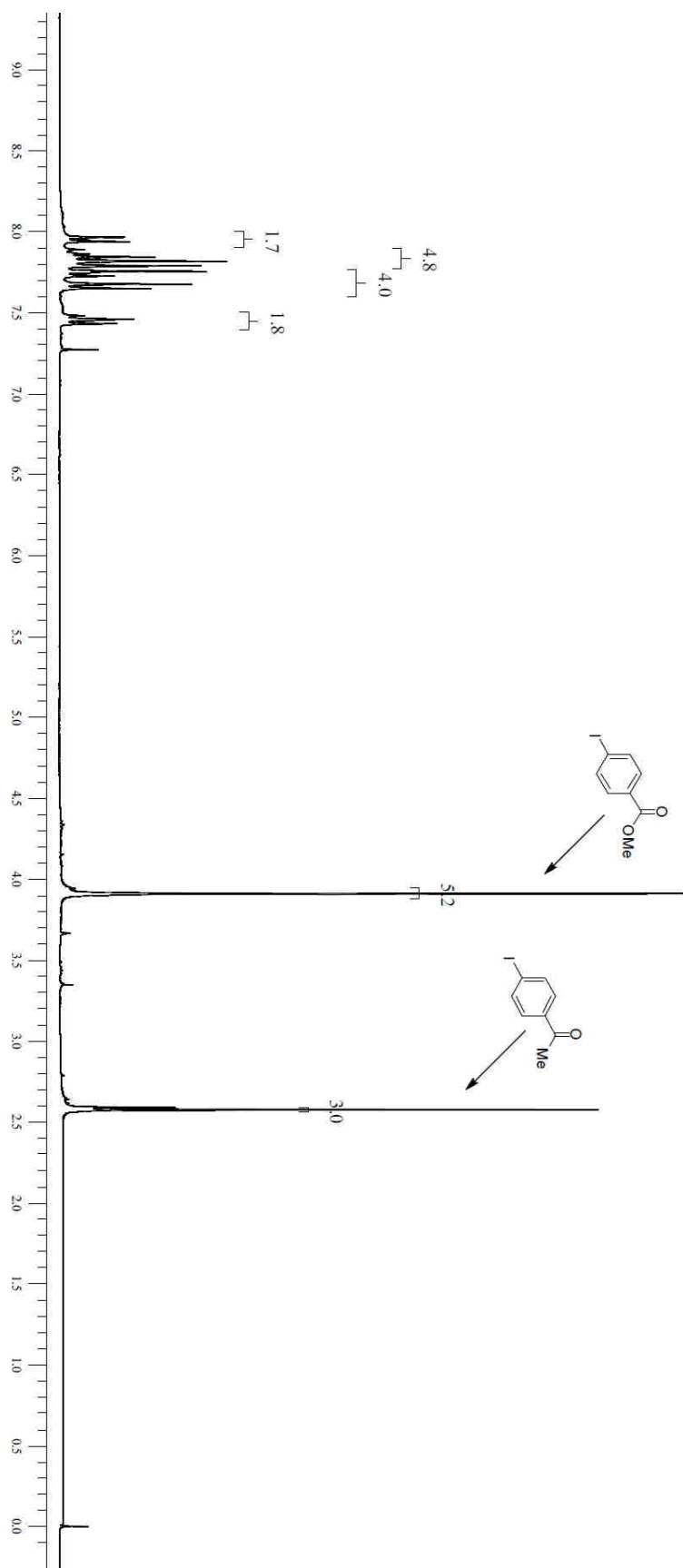


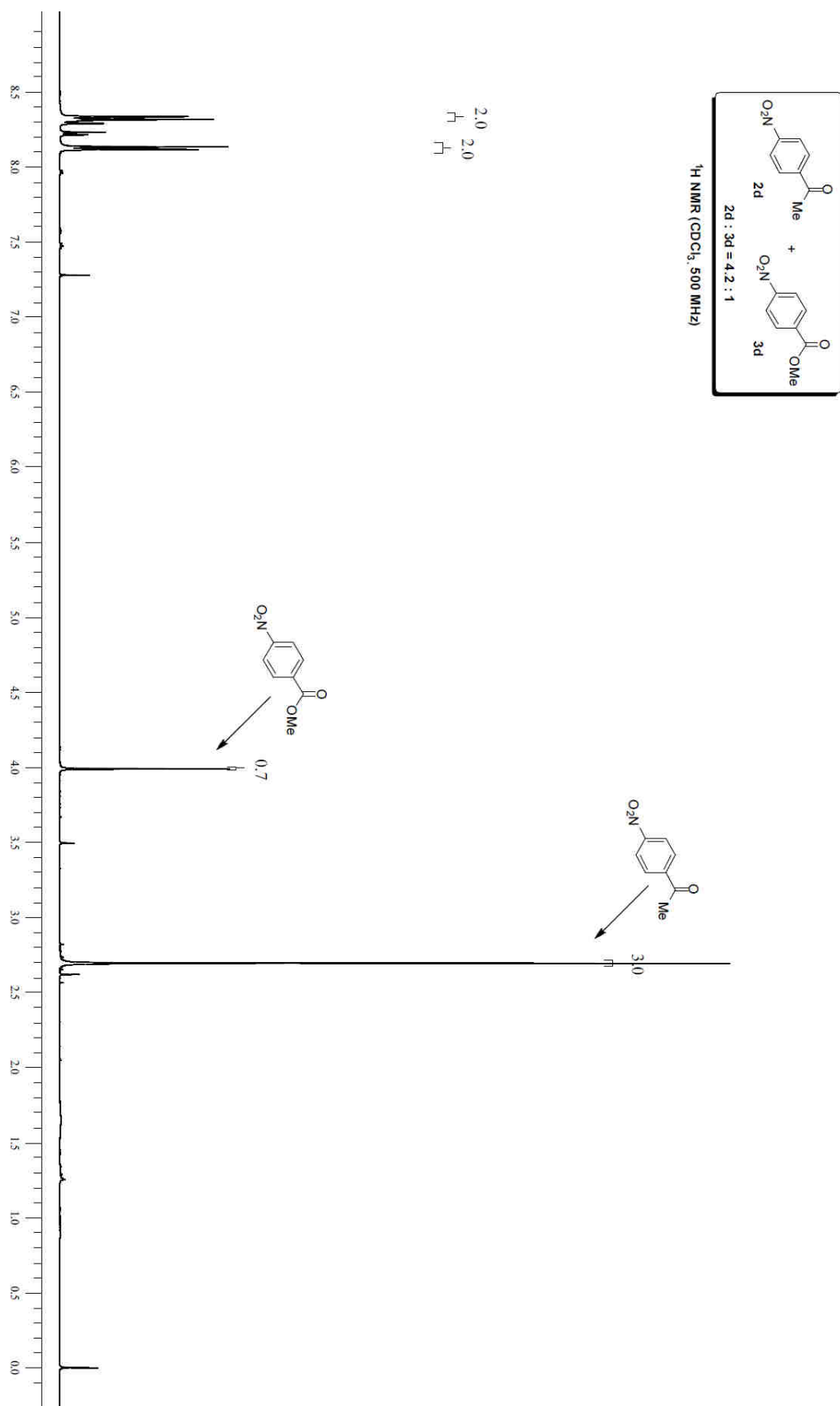


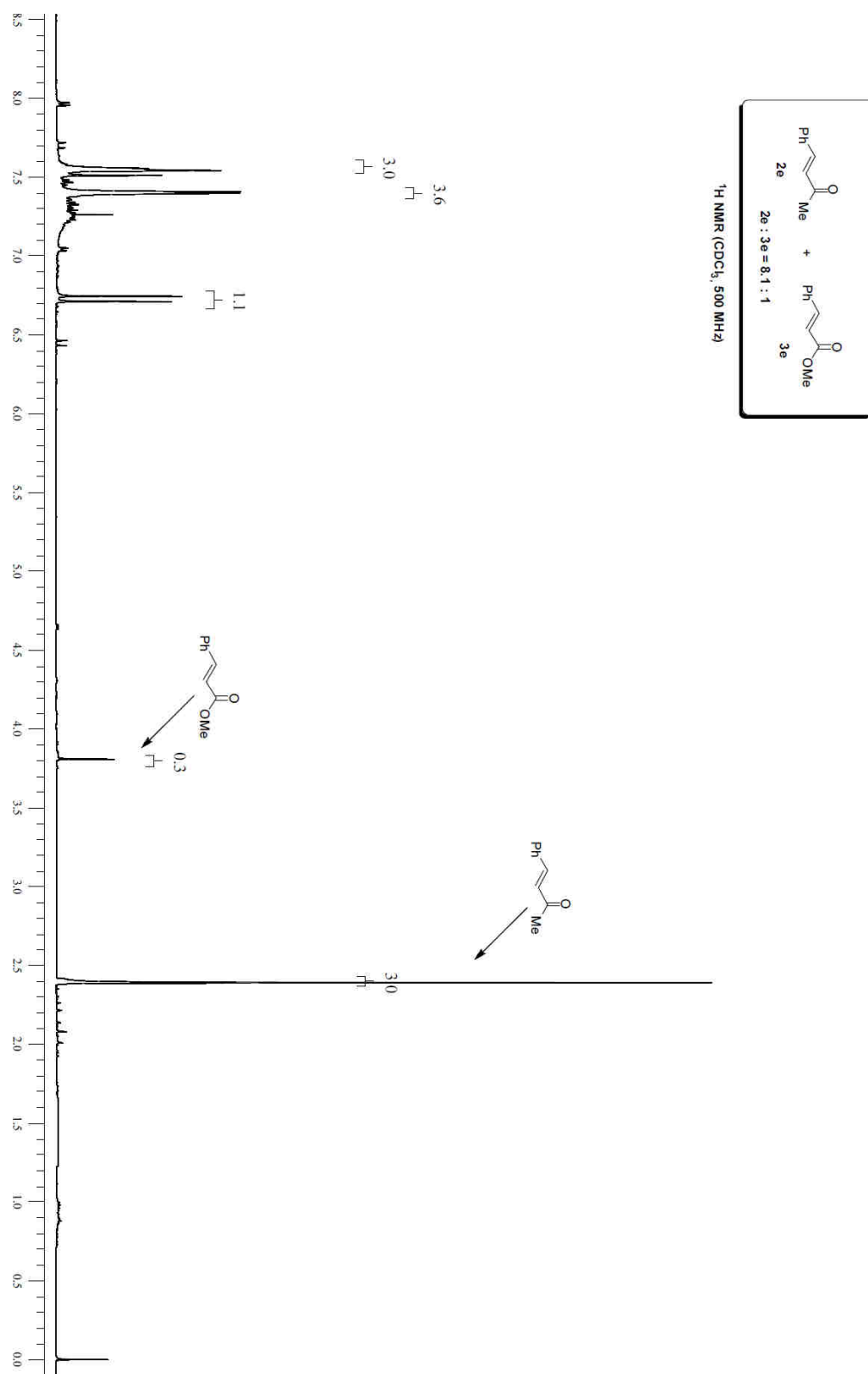


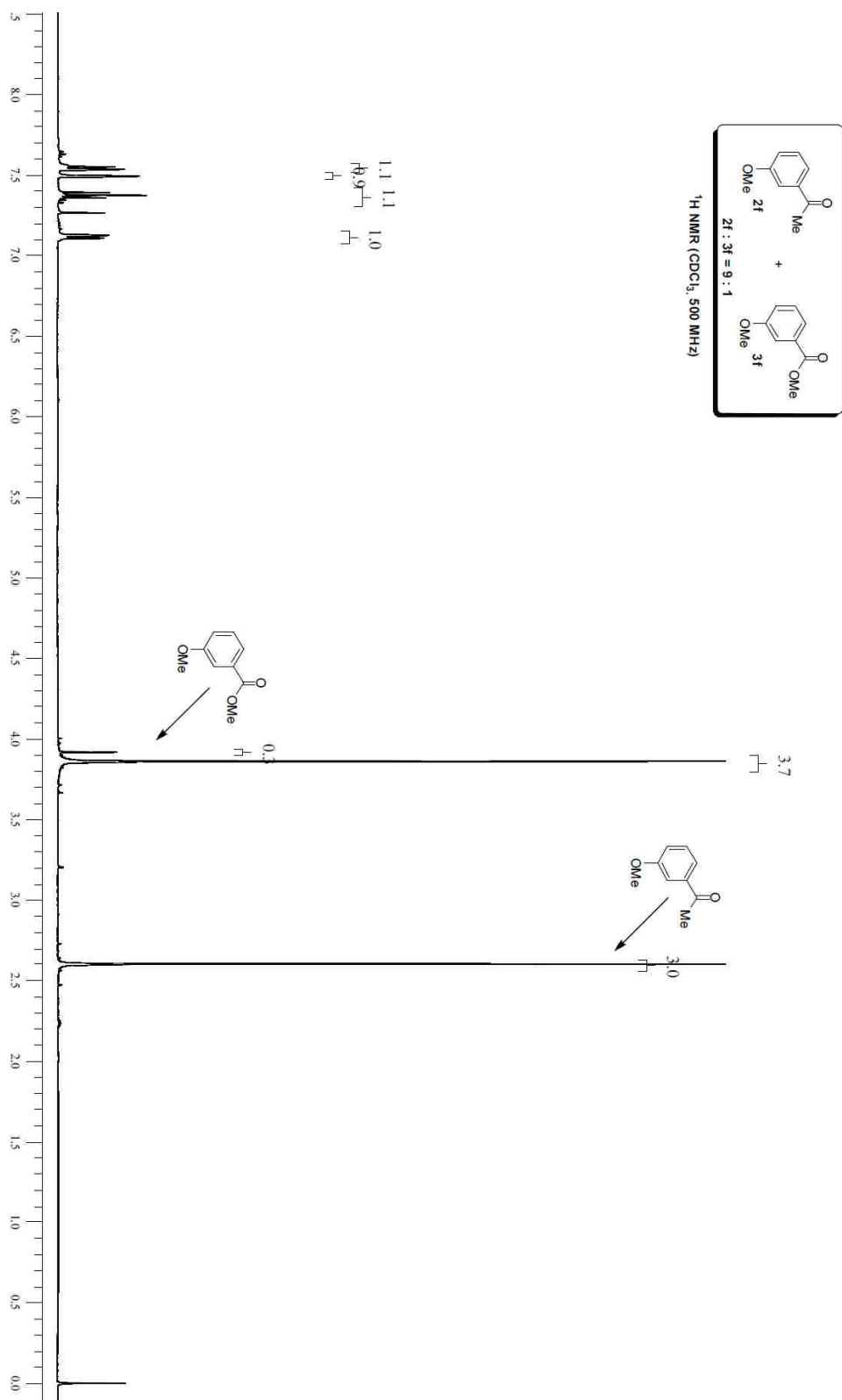




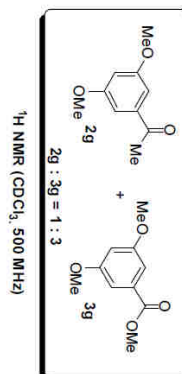
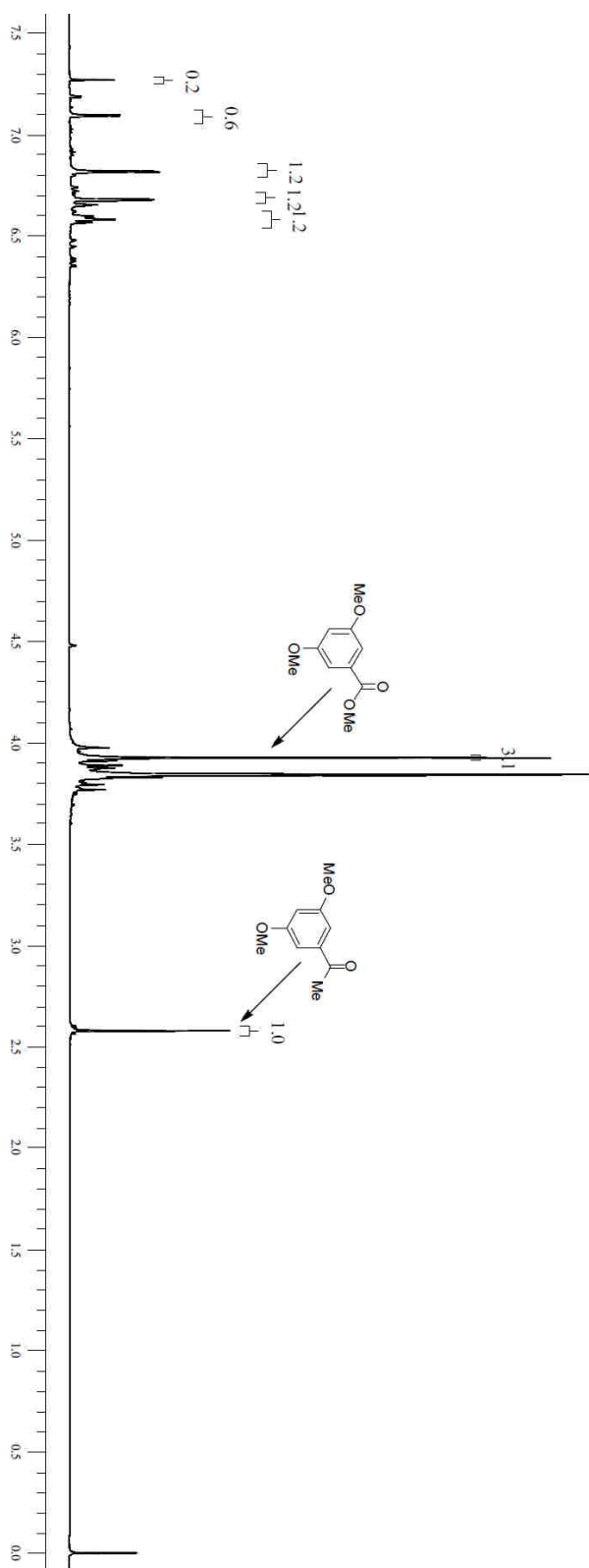




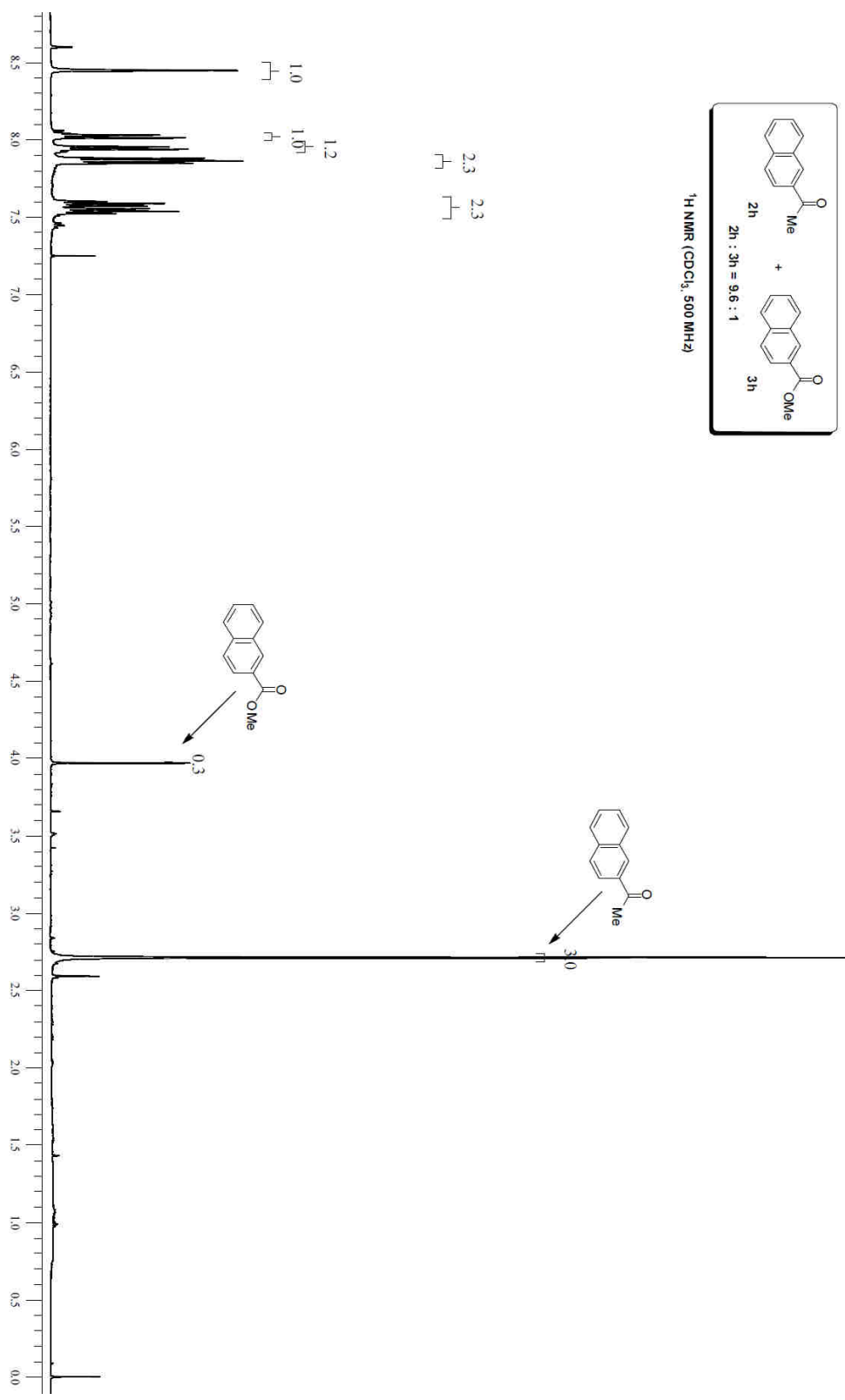


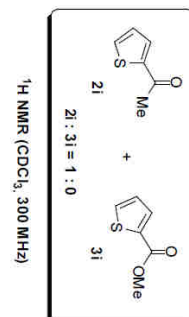
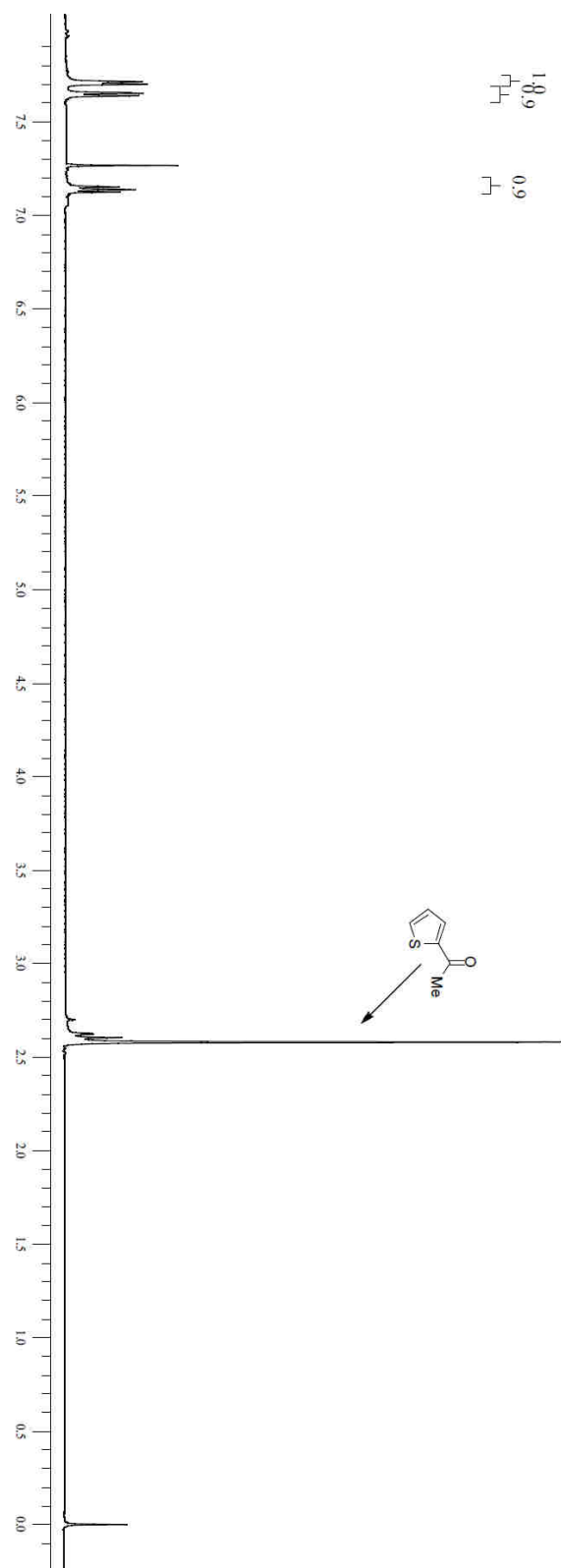




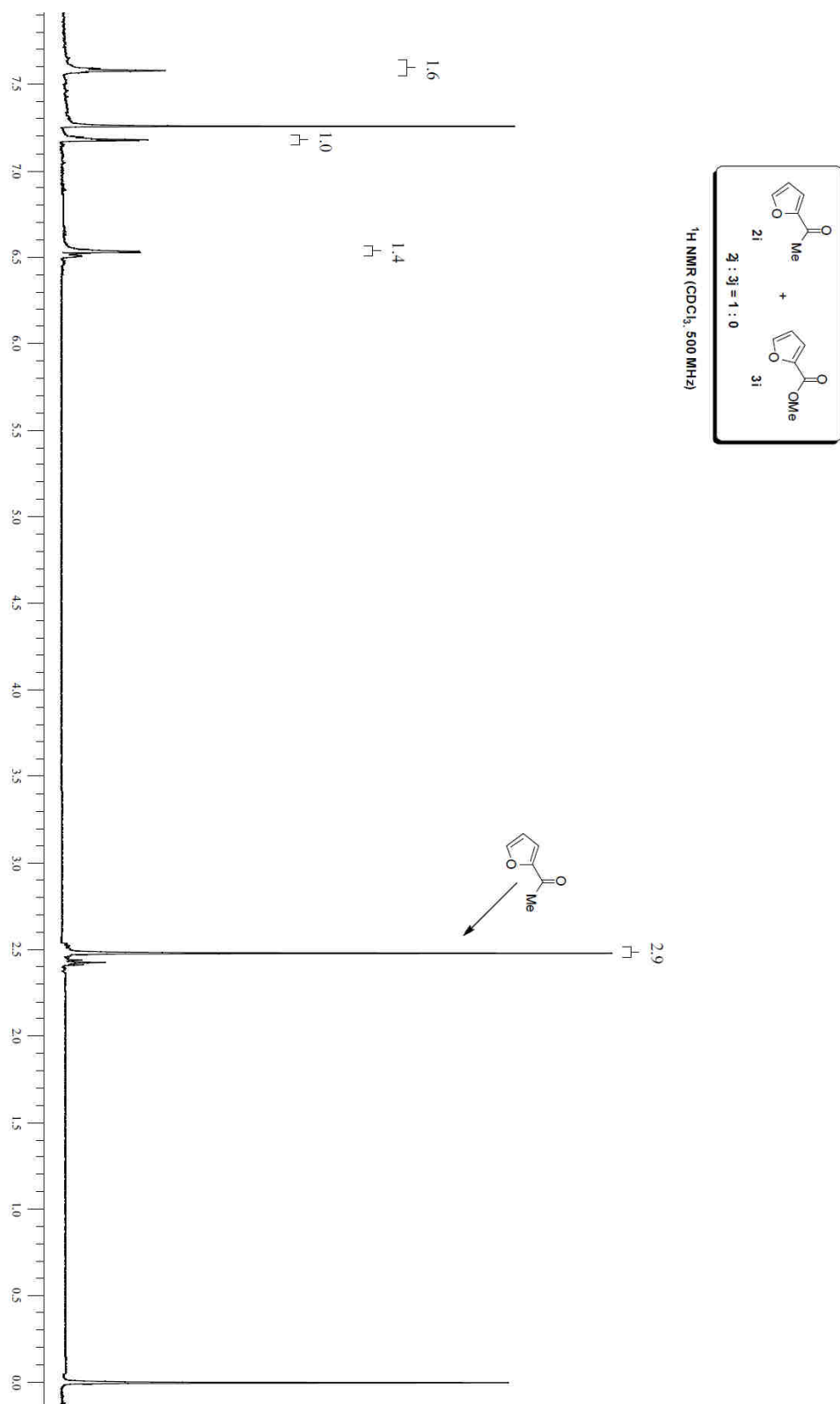


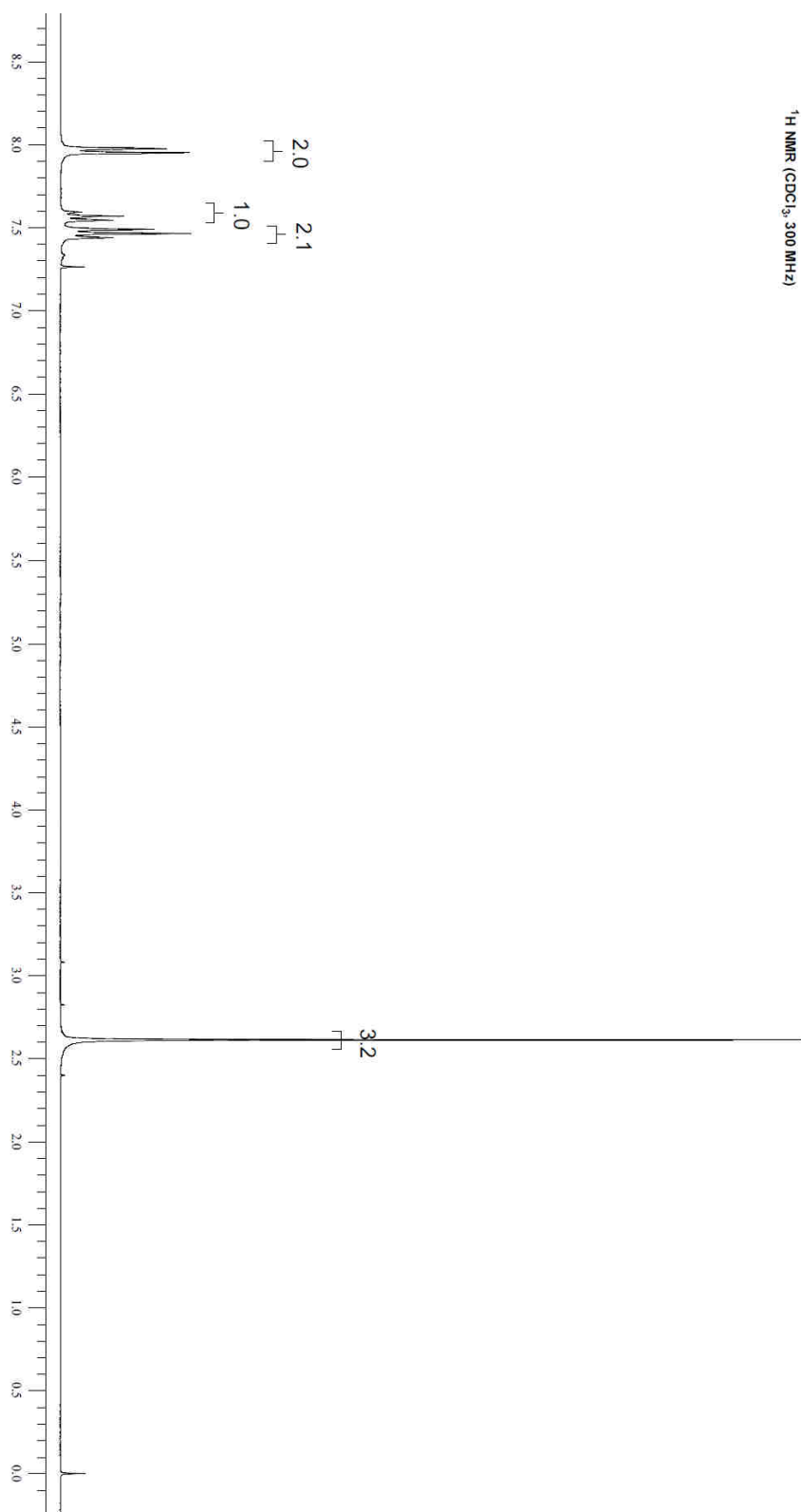
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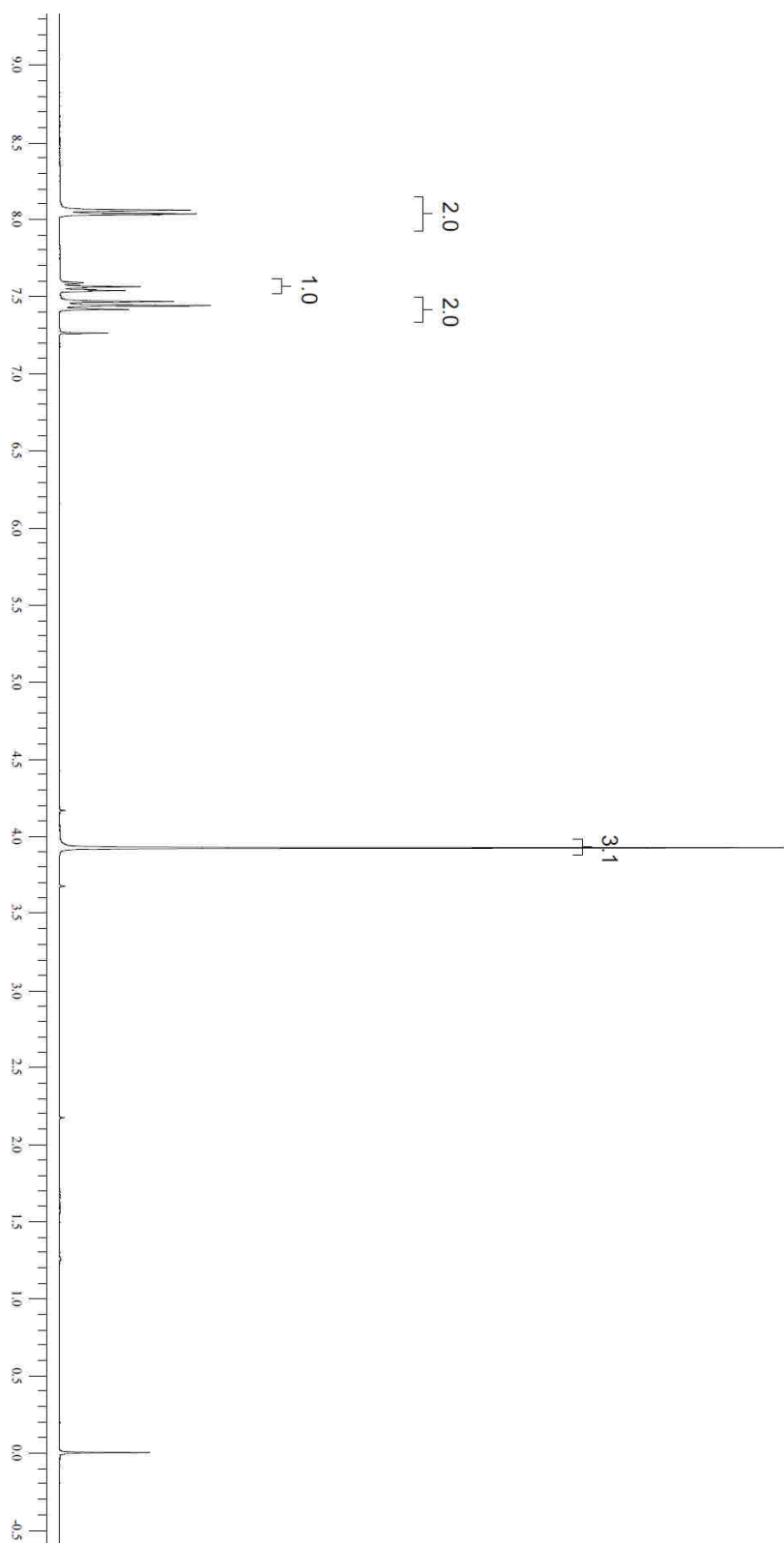




3.0







<sup>1</sup>H NMR (CDCl<sub>3</sub>, 300 MHz)

