

Supporting Information

Mild and Efficient Desymmetrization of Diynes via Hydroamination: Application to the Synthesis of (\pm)-Monomorine I

Vijaya Bhaskara Reddy Iska, Vincenzo Verdolino, Olaf Wiest,* and Paul Helquist*

Department of Chemistry and Biochemistry, University of Notre Dame, 251 Nieuwland Science Hall, Notre Dame, IN 46556

p.helquis@nd.edu

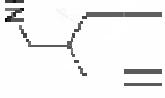
owiest@nd.edu

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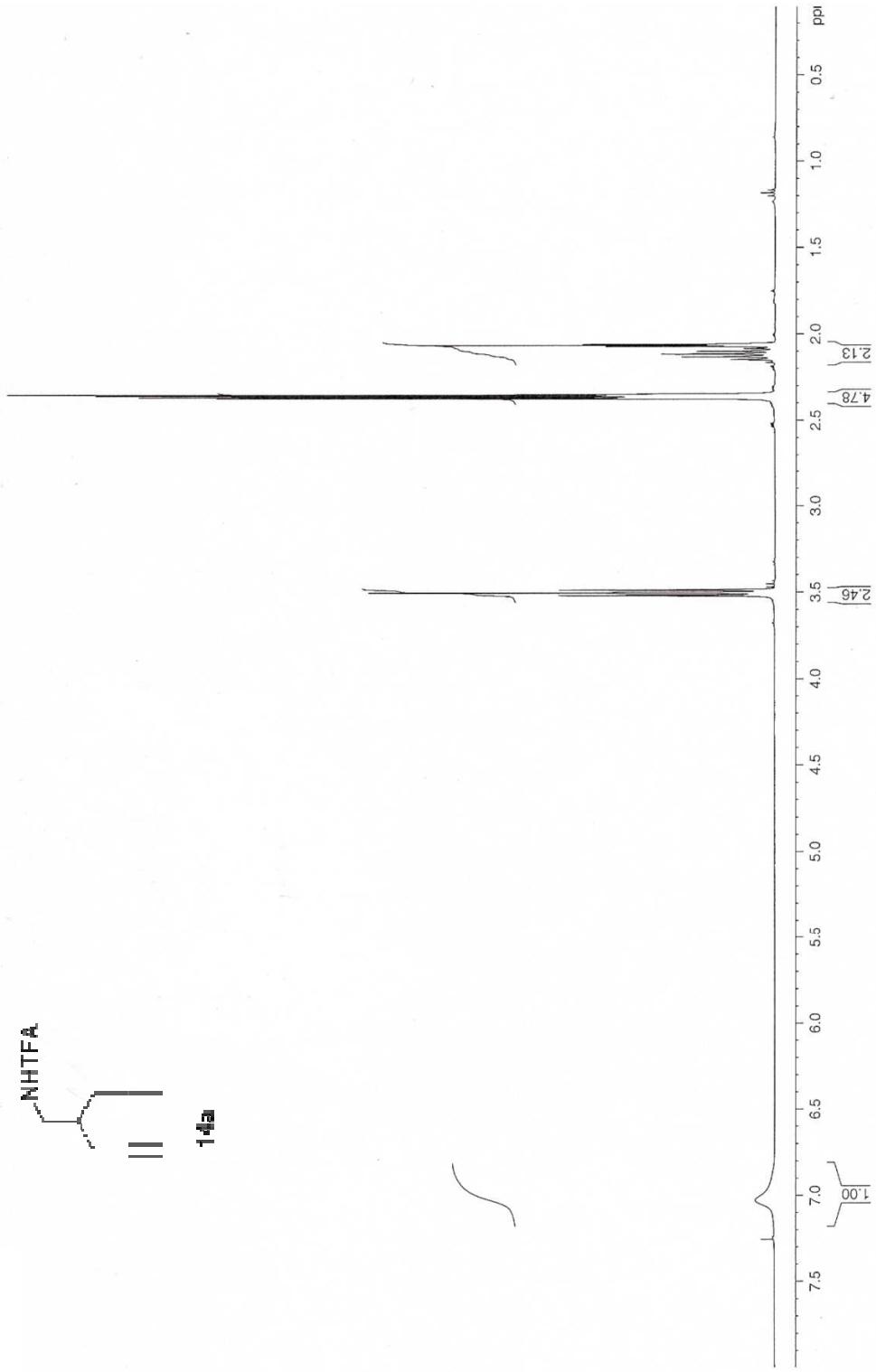
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^{13}C NMR of 2a	S8
^1H NMR of 14c	S9
^{13}C NMR of 14c	S10
^1H NMR of 1c	S11
^{13}C NMR of 1c	S12
^1H NMR of 2c	S13
^{13}C NMR of 2c	S14
^1H NMR of 15a	S15
^{13}C NMR of 15a	S16
^1H NMR of 3a	S17
^{13}C NMR of 3a	S18
^1H NMR of 4a	S19
^{13}C NMR of 4a	S20
^1H NMR of 15c	S21
^{13}C NMR of 15c	S22
^1H NMR of 3c	S23
^{13}C NMR of 3c	S24
^1H NMR of 4c	S25
^{13}C NMR of 4c	S26
^1H NMR of 15b	S27
^{13}C NMR of 15b	S28
^1H NMR of 3b	S29
^{13}C NMR of 3b	S30

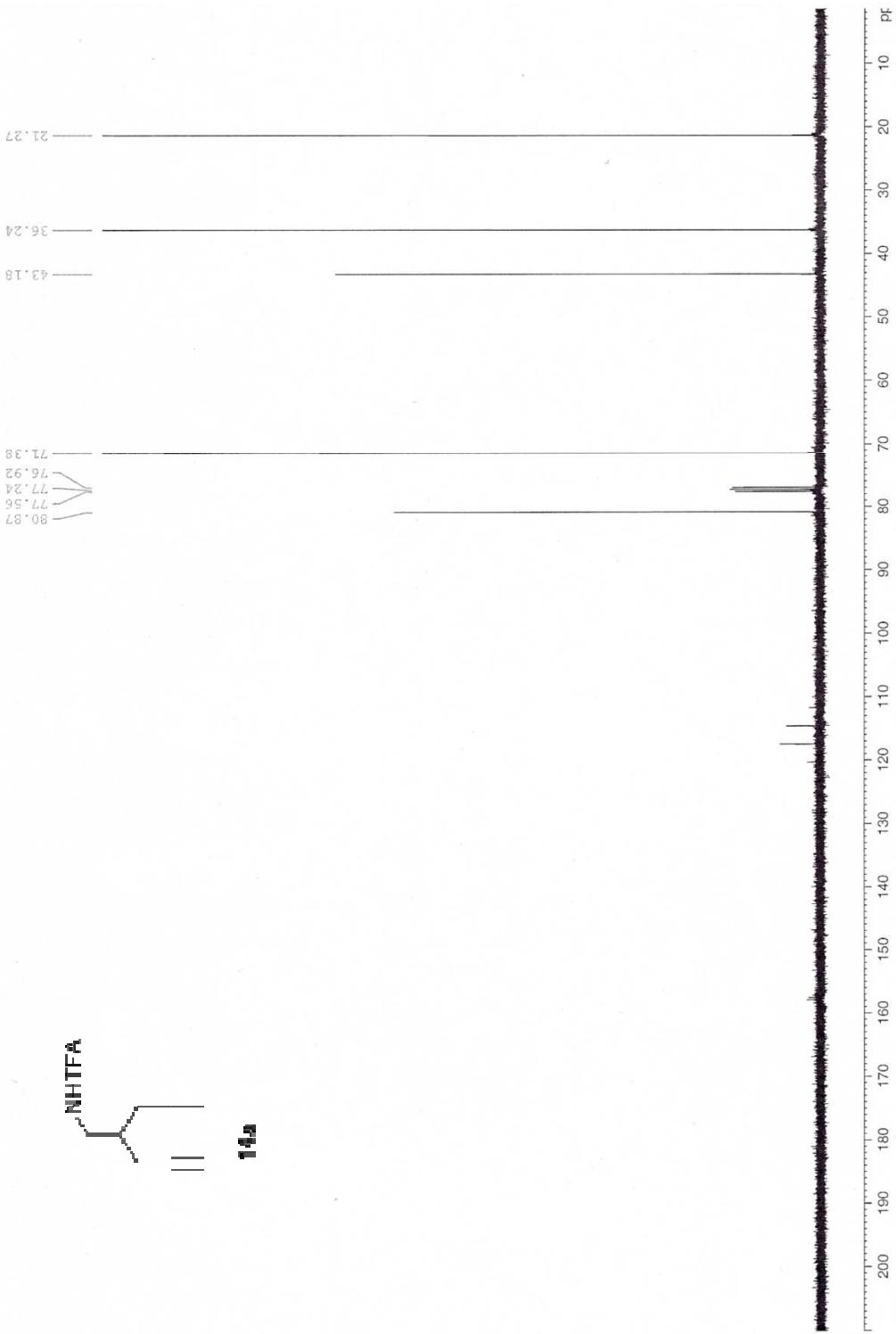
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¹³ C NMR of 4b	S32
¹ H NMR of 16	S33
¹³ C NMR of 16	S34
¹ H NMR of 17	S35
¹³ C NMR of 17	S36
¹ H NMR of 5	S37
¹³ C NMR of 5	S38
¹ H NMR of 6	S39
¹³ C NMR of 6	S40
¹ H NMR of 7	S41
¹³ C NMR of 7	S42
¹ H NMR of 8	S43
¹³ C NMR of 8	S44
¹ H NMR of 9	S45
¹³ C NMR of 9	S46
¹ H NMR of 10	S47
¹³ C NMR of 10	S48
¹ H NMR of 11	S49
¹³ C NMR of 11	S50

NHTFA

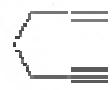


14a

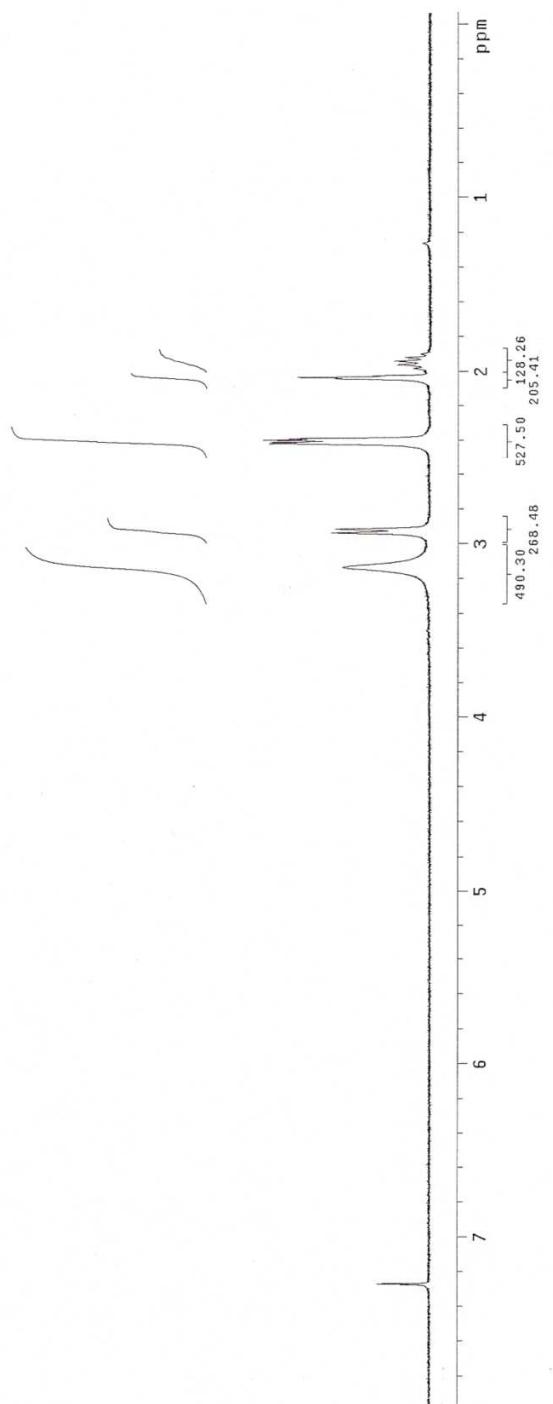


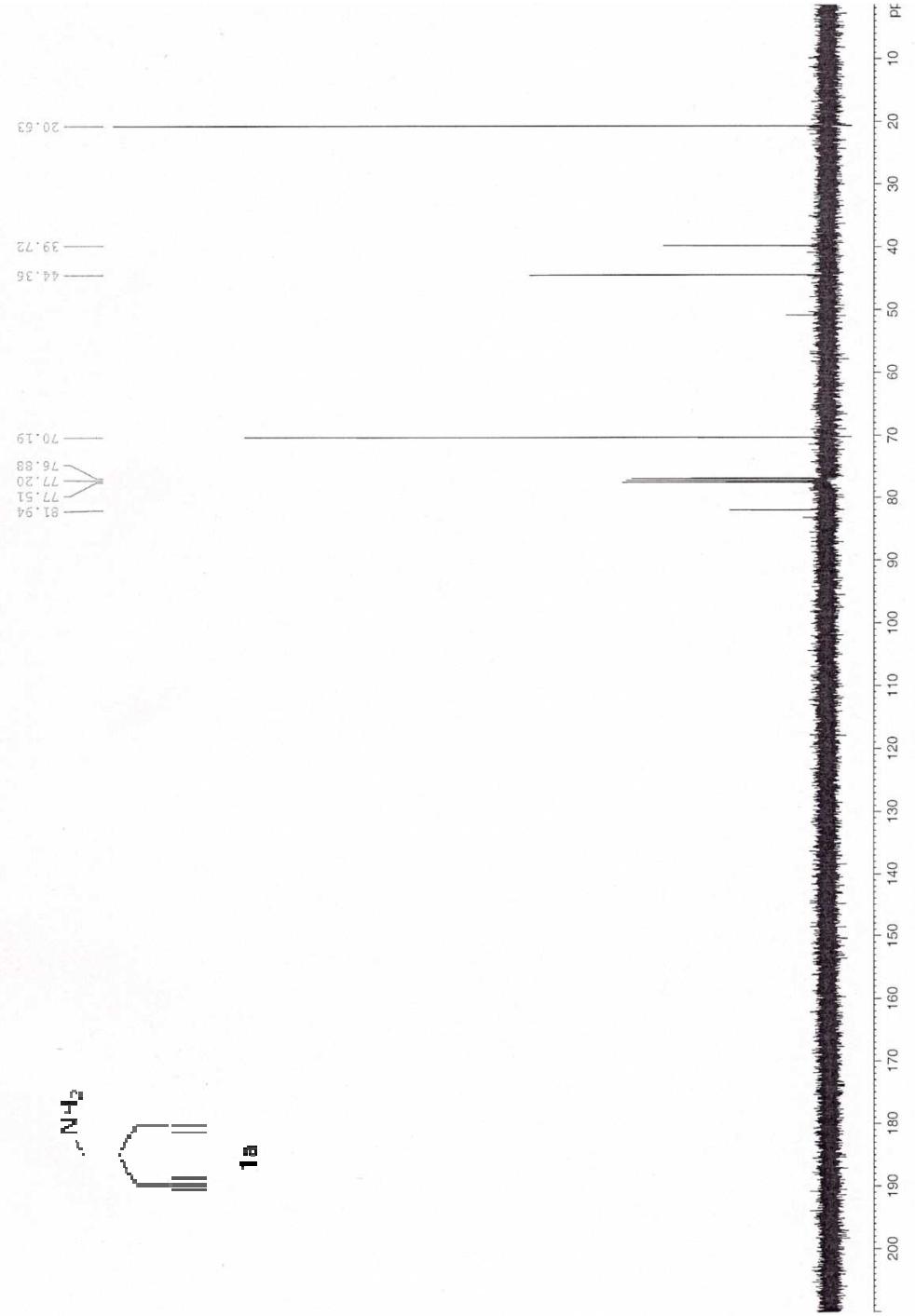


NH₂



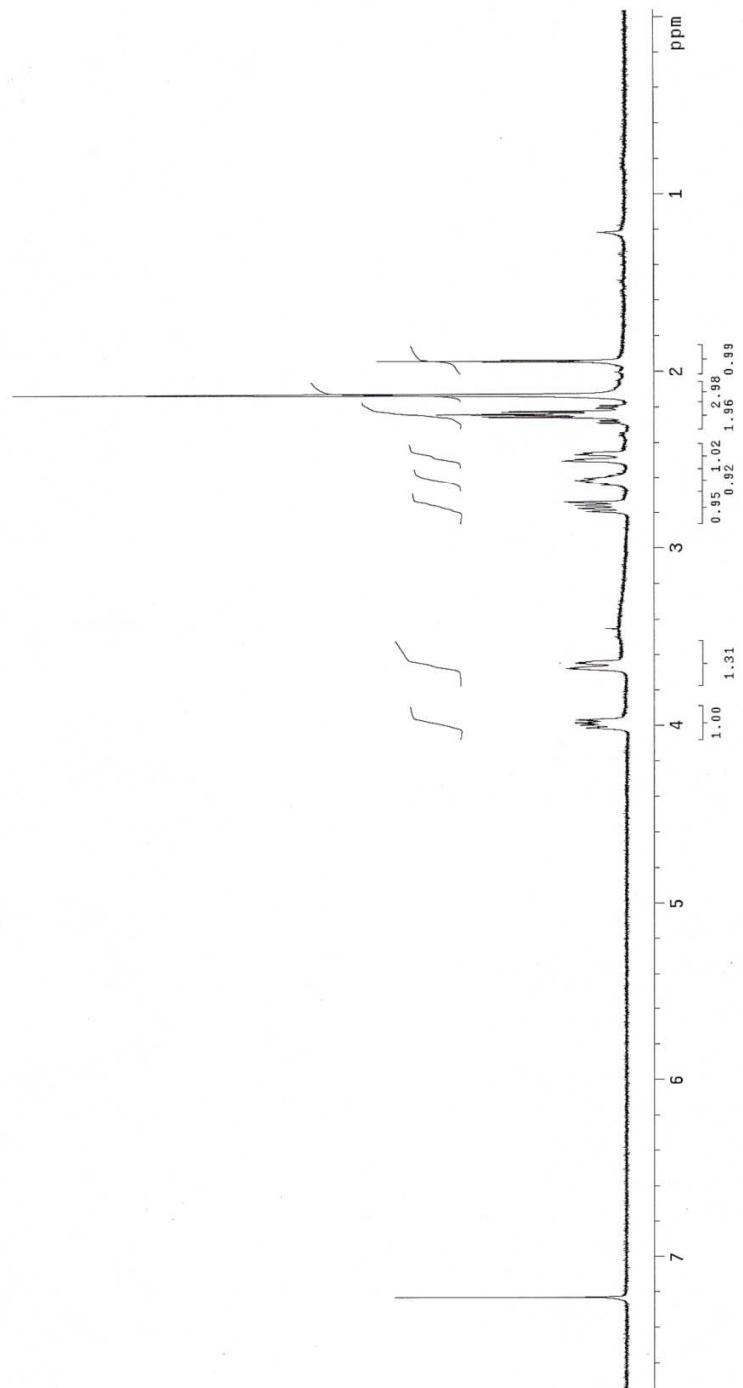
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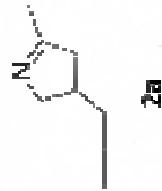




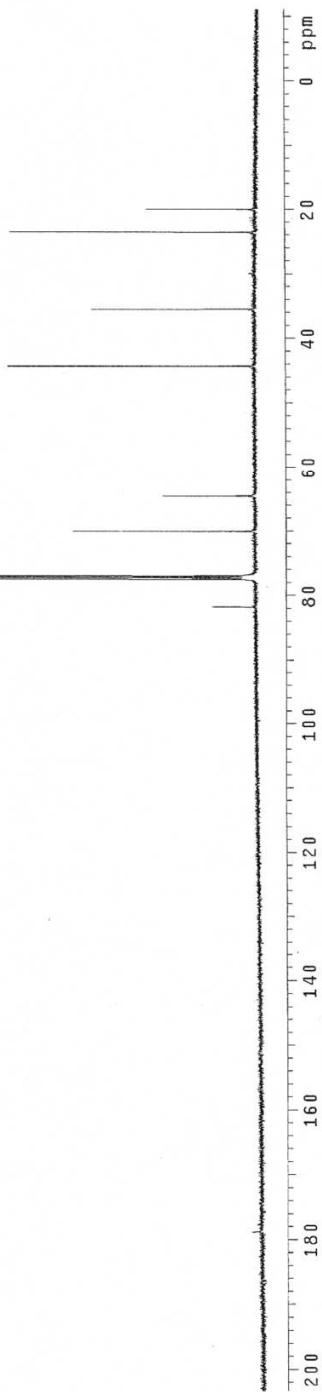


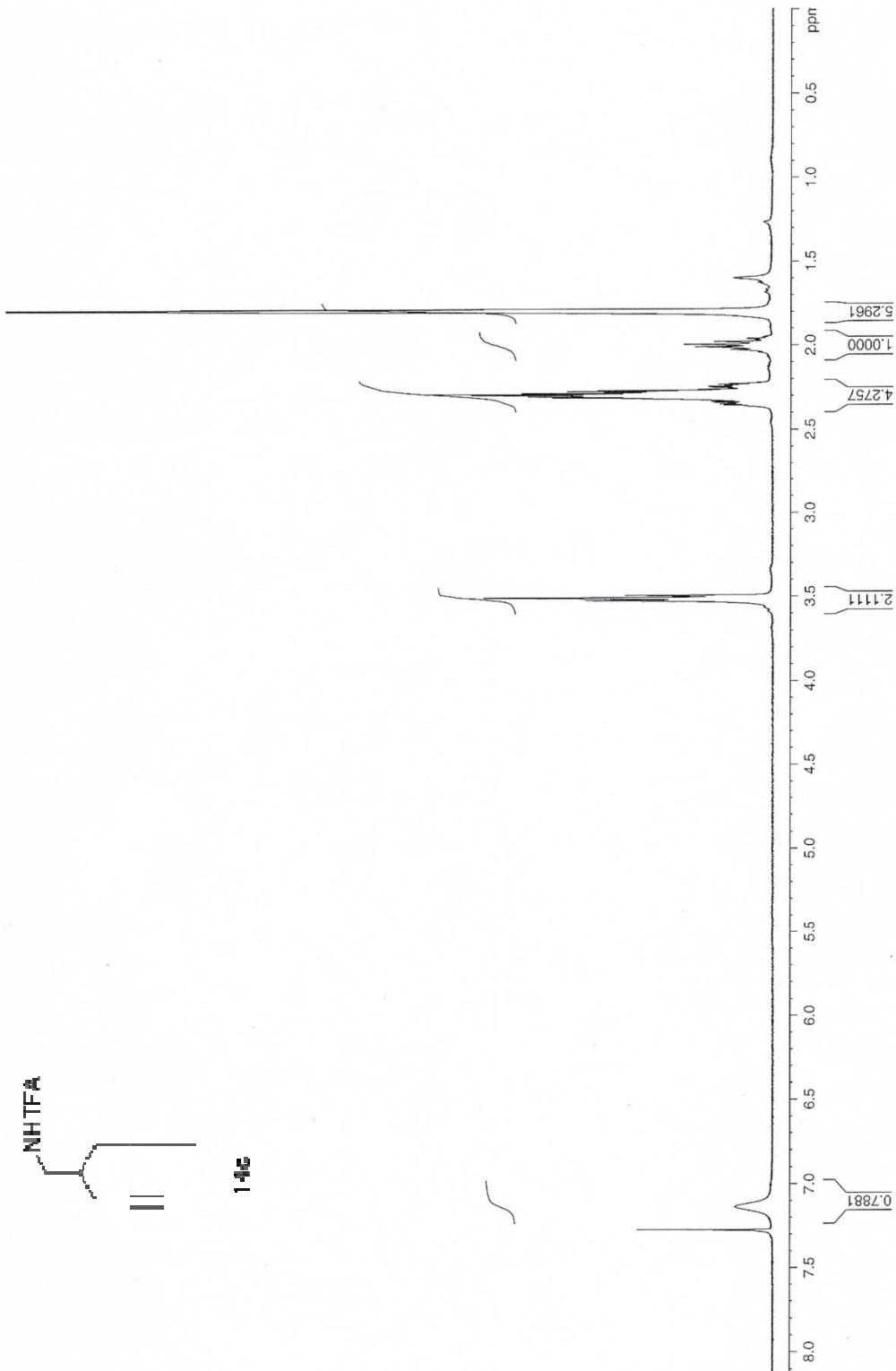
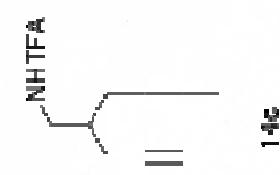
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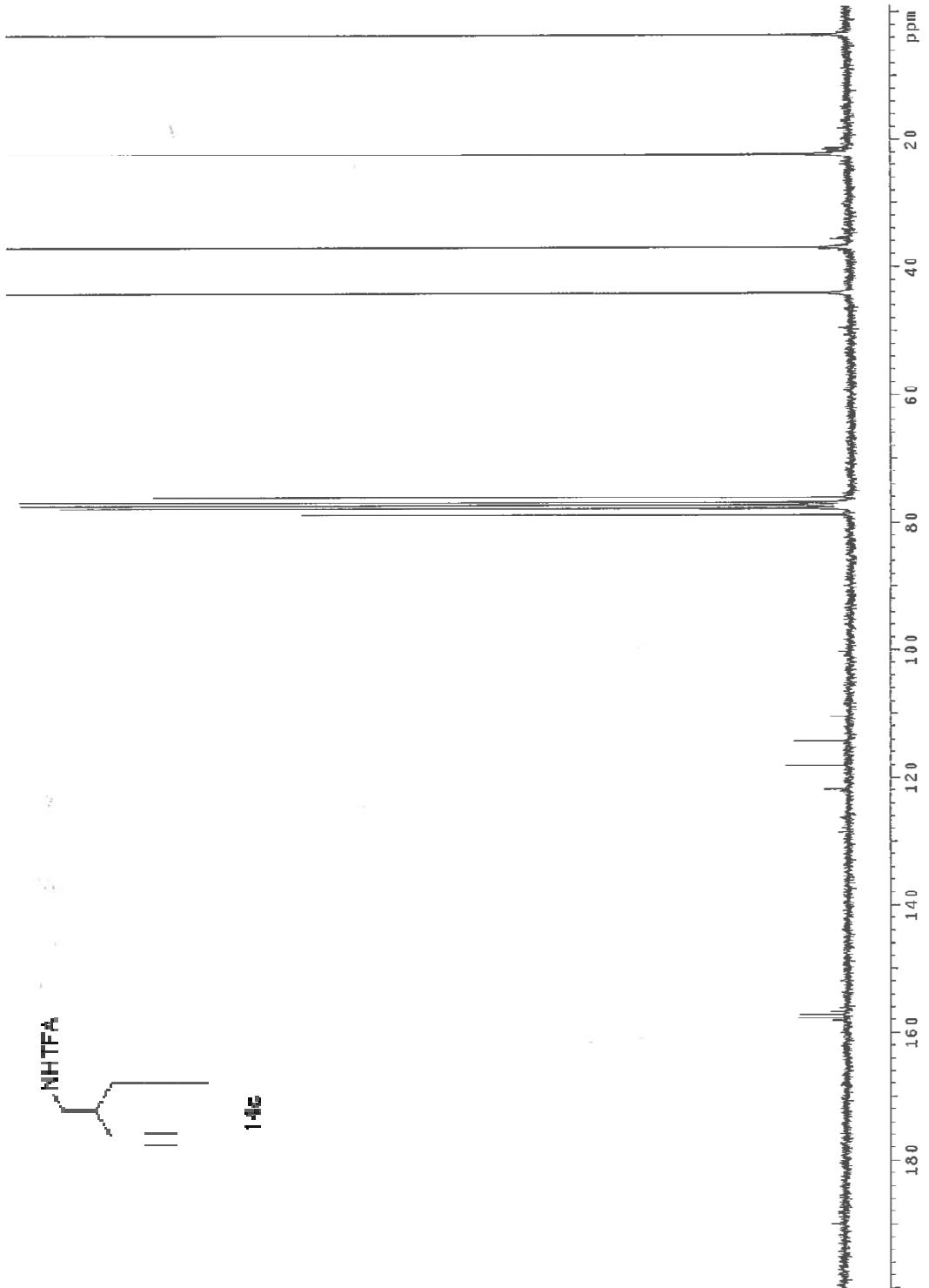




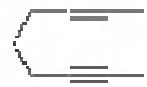
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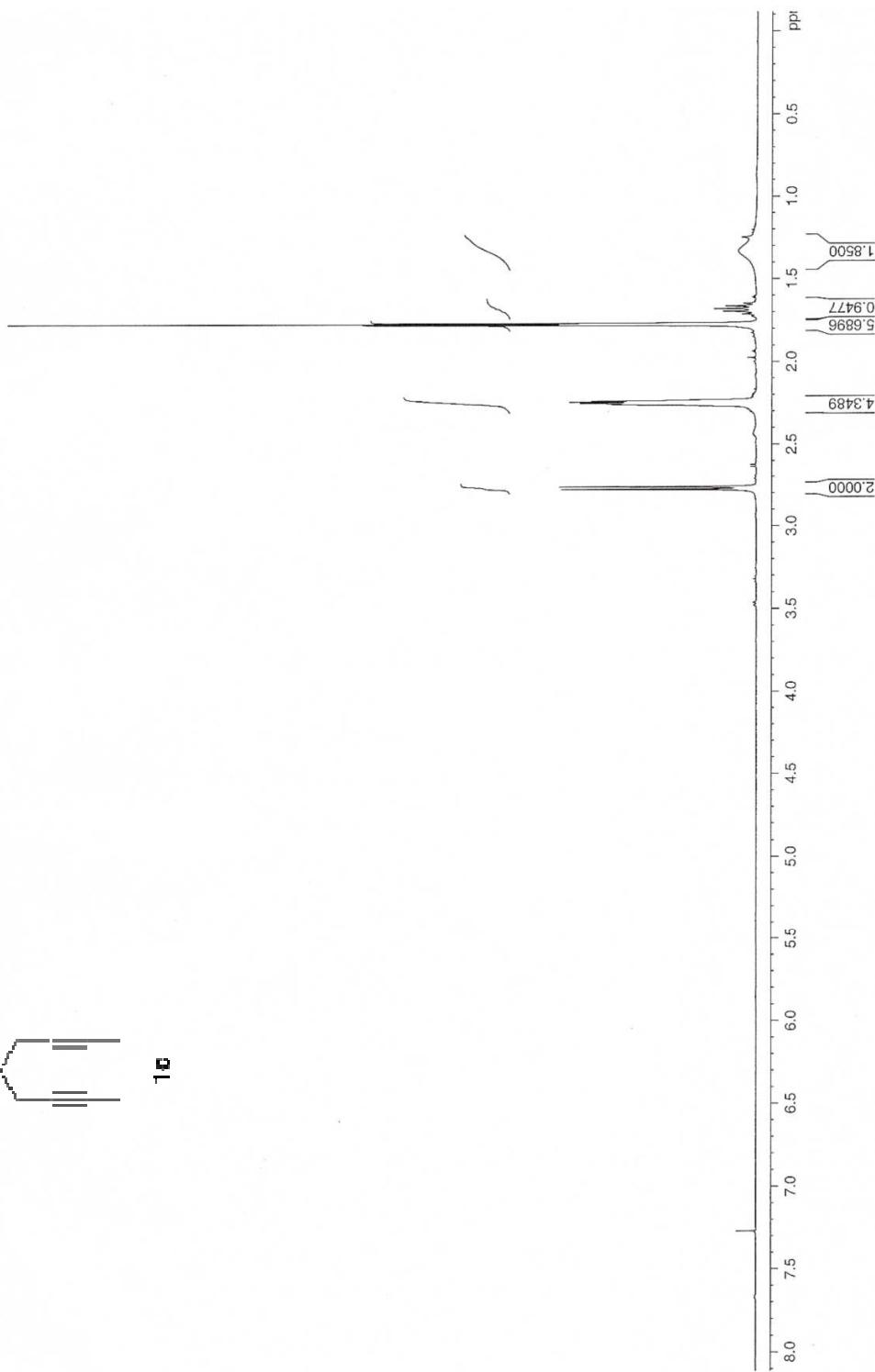




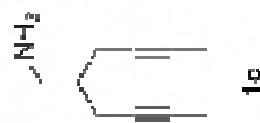
NH_2



1G



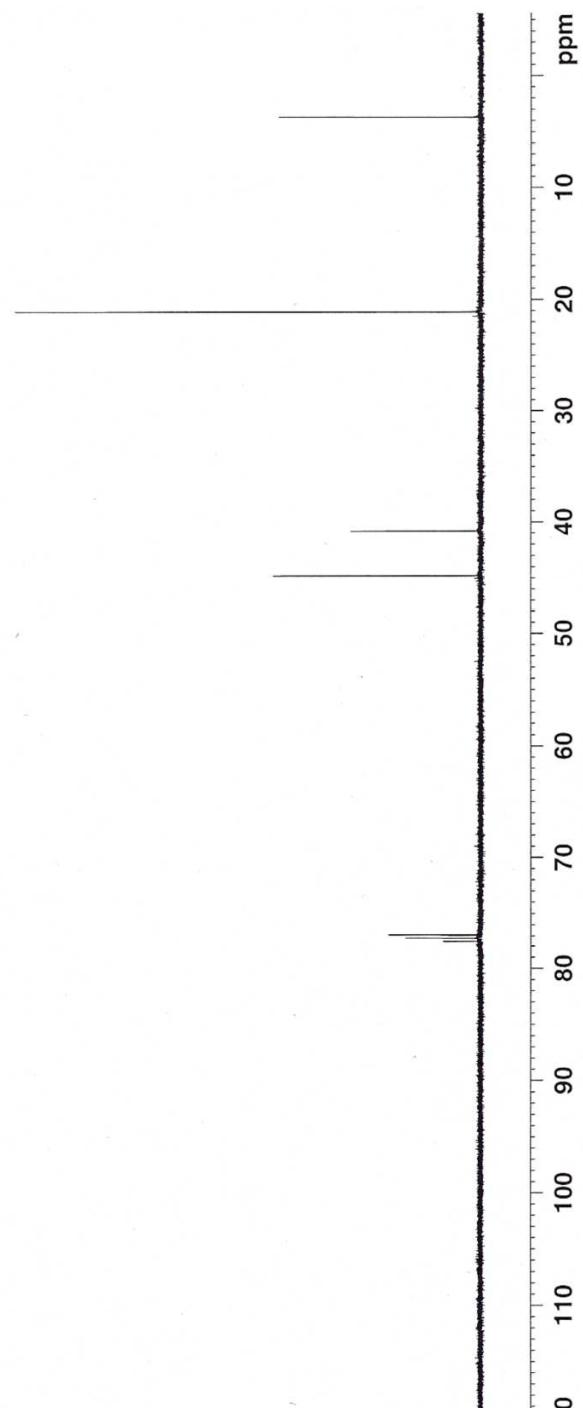
77.55
77.23
77.19
76.92
76.87



44.78
40.80

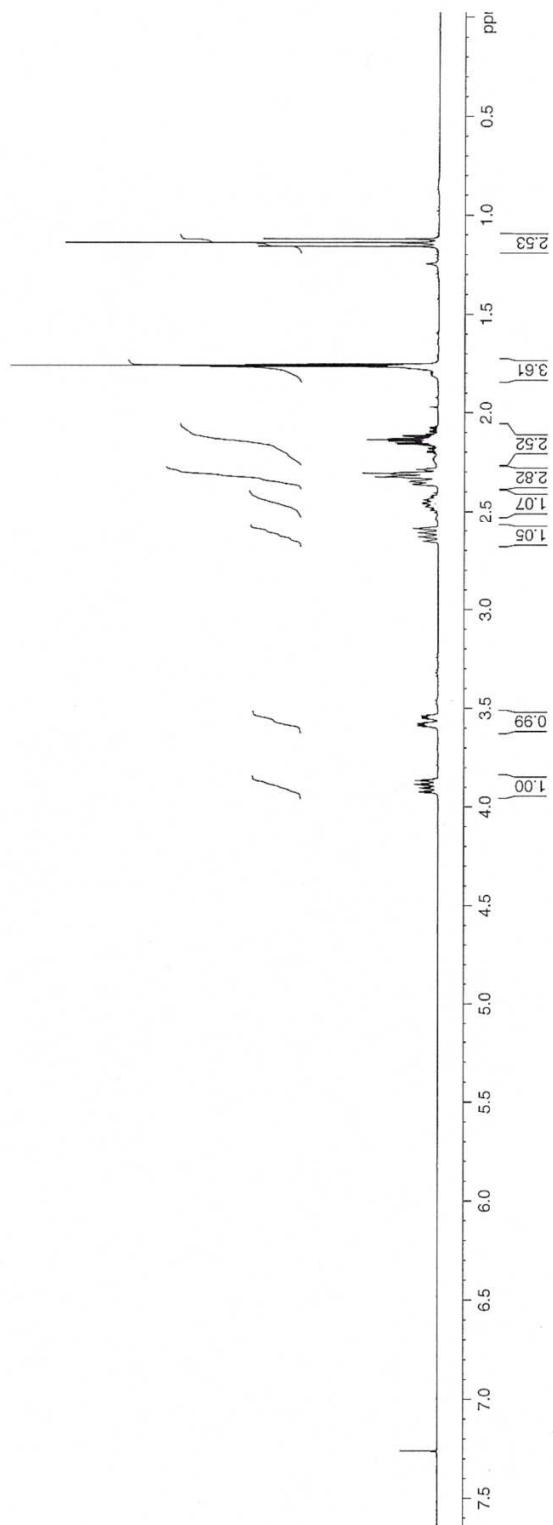
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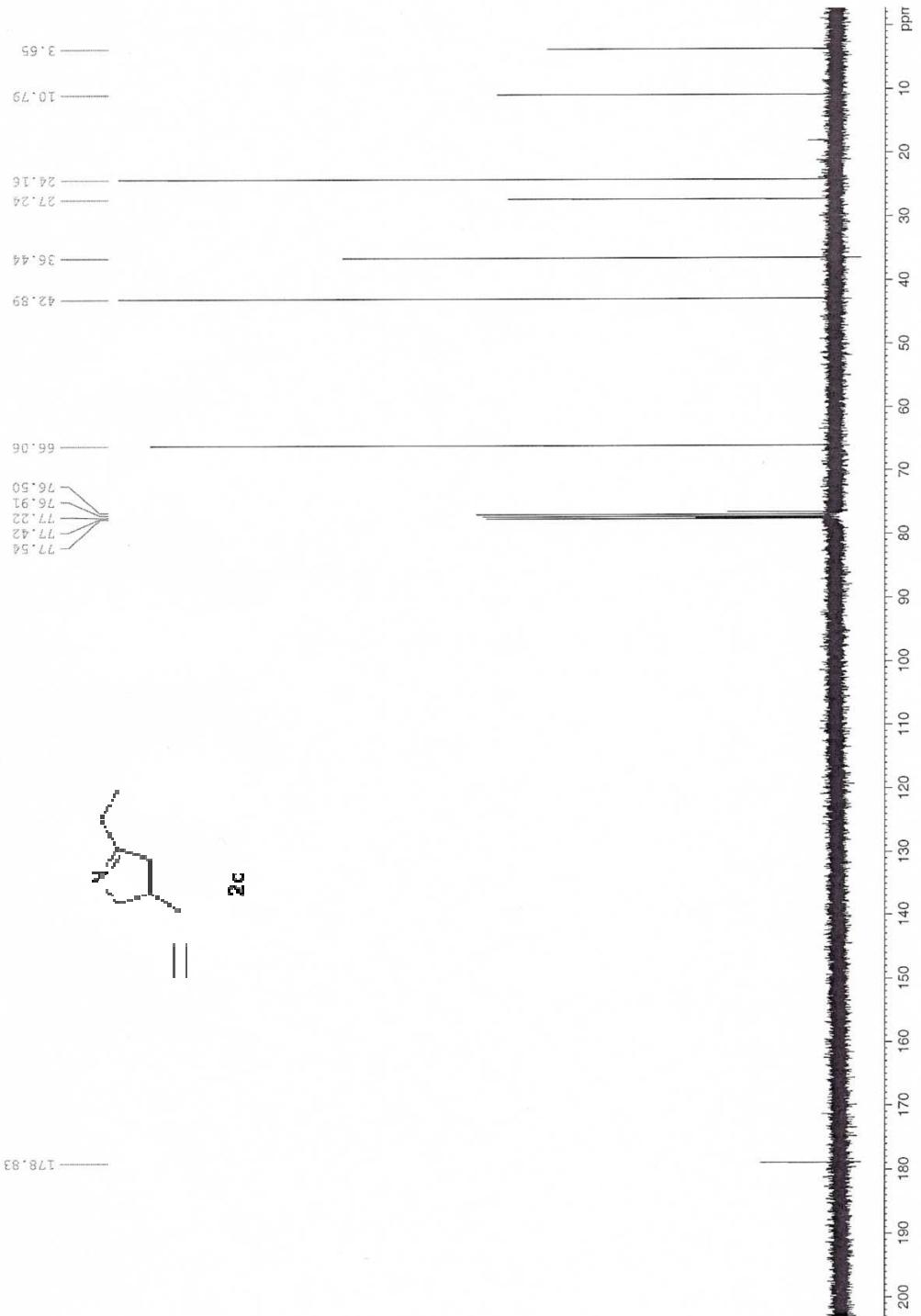
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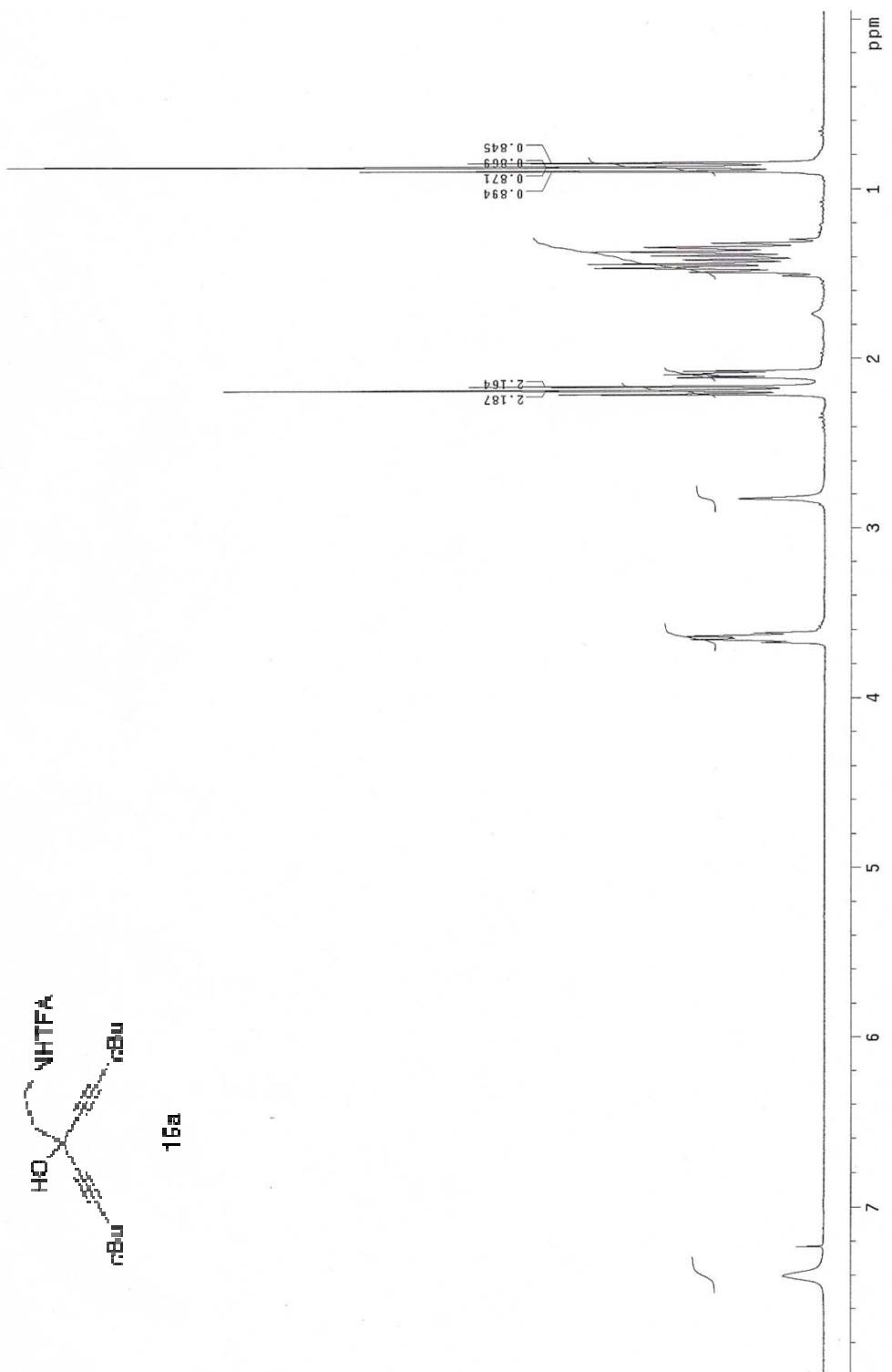


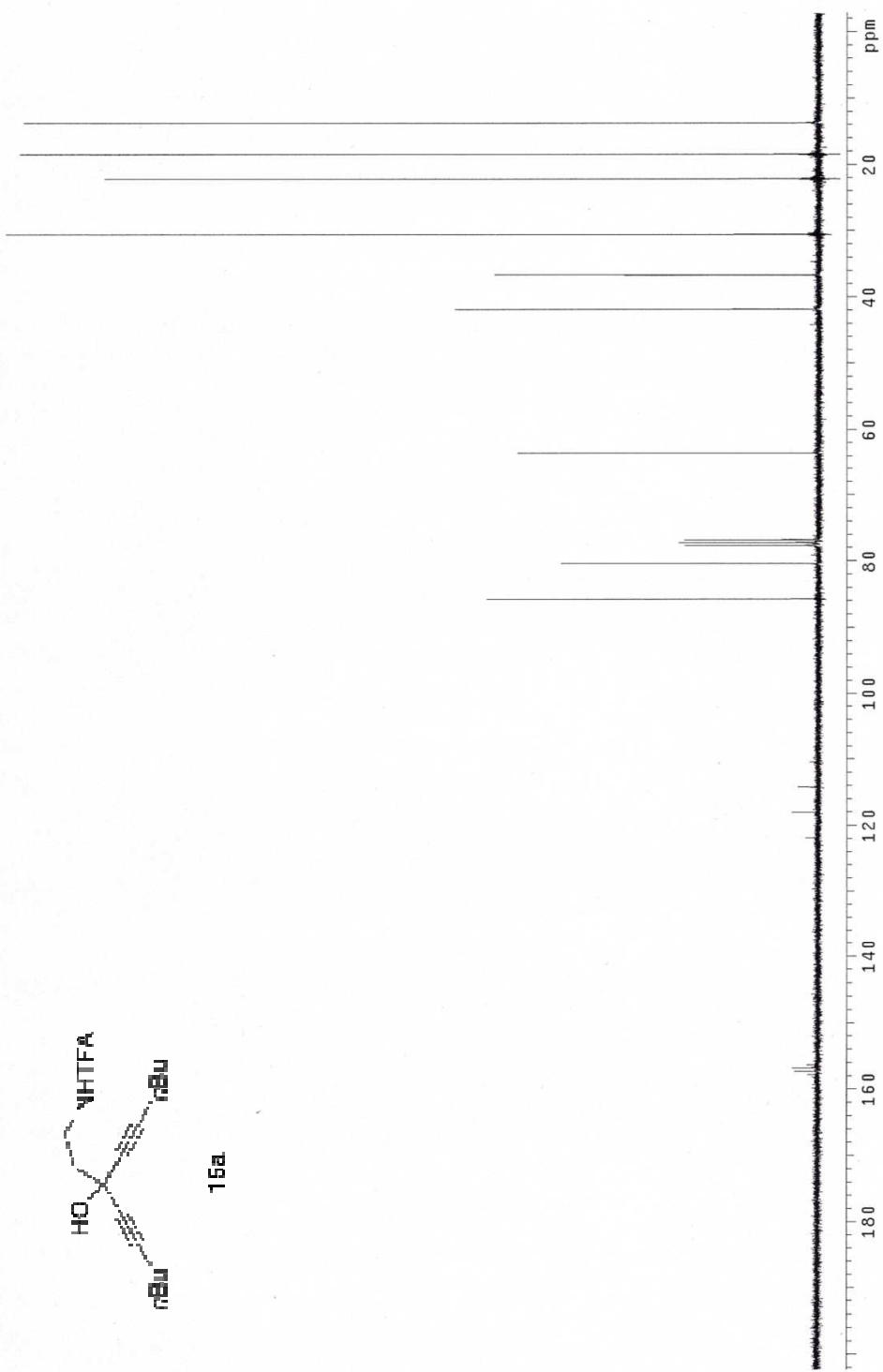


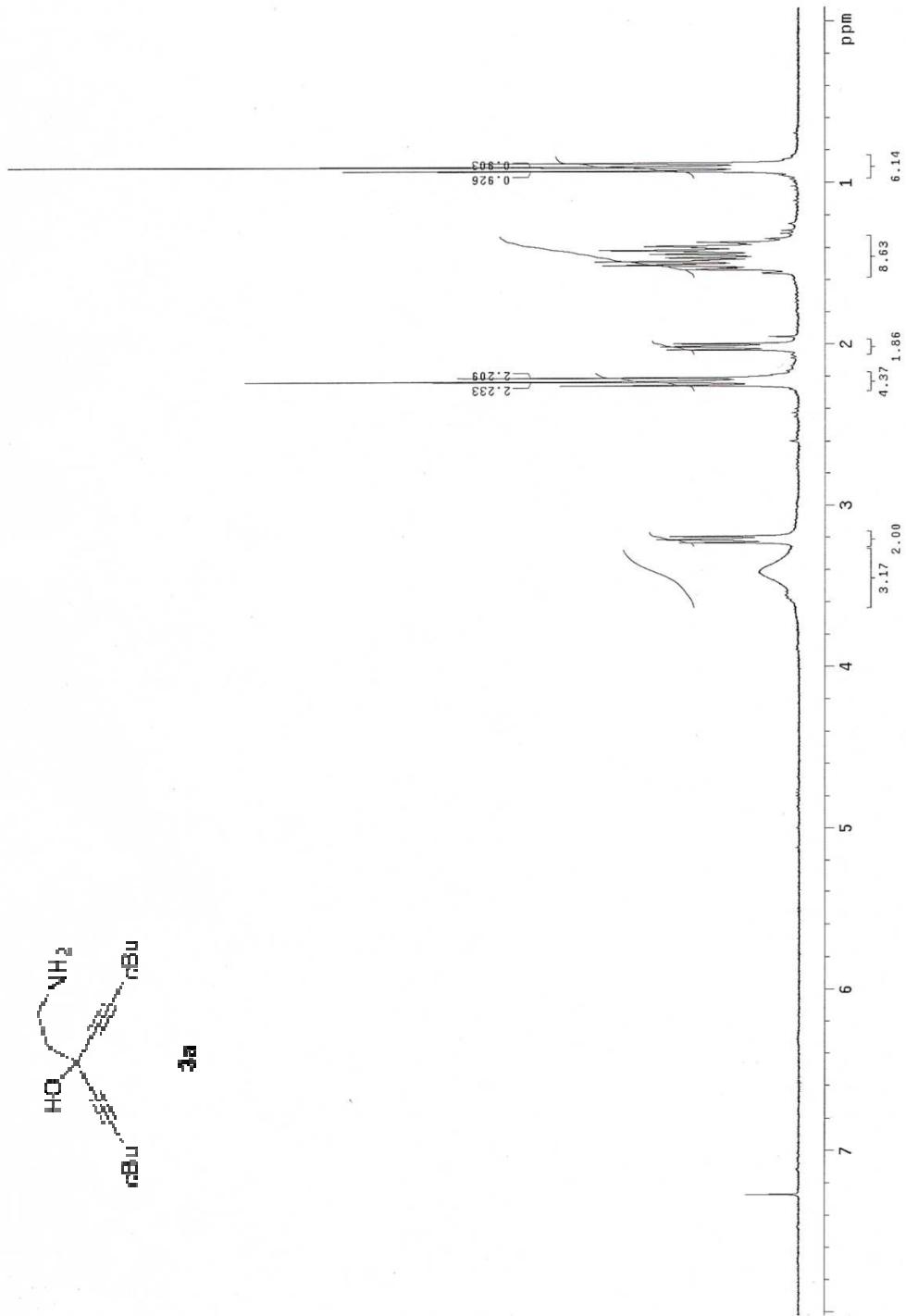
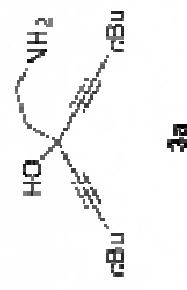
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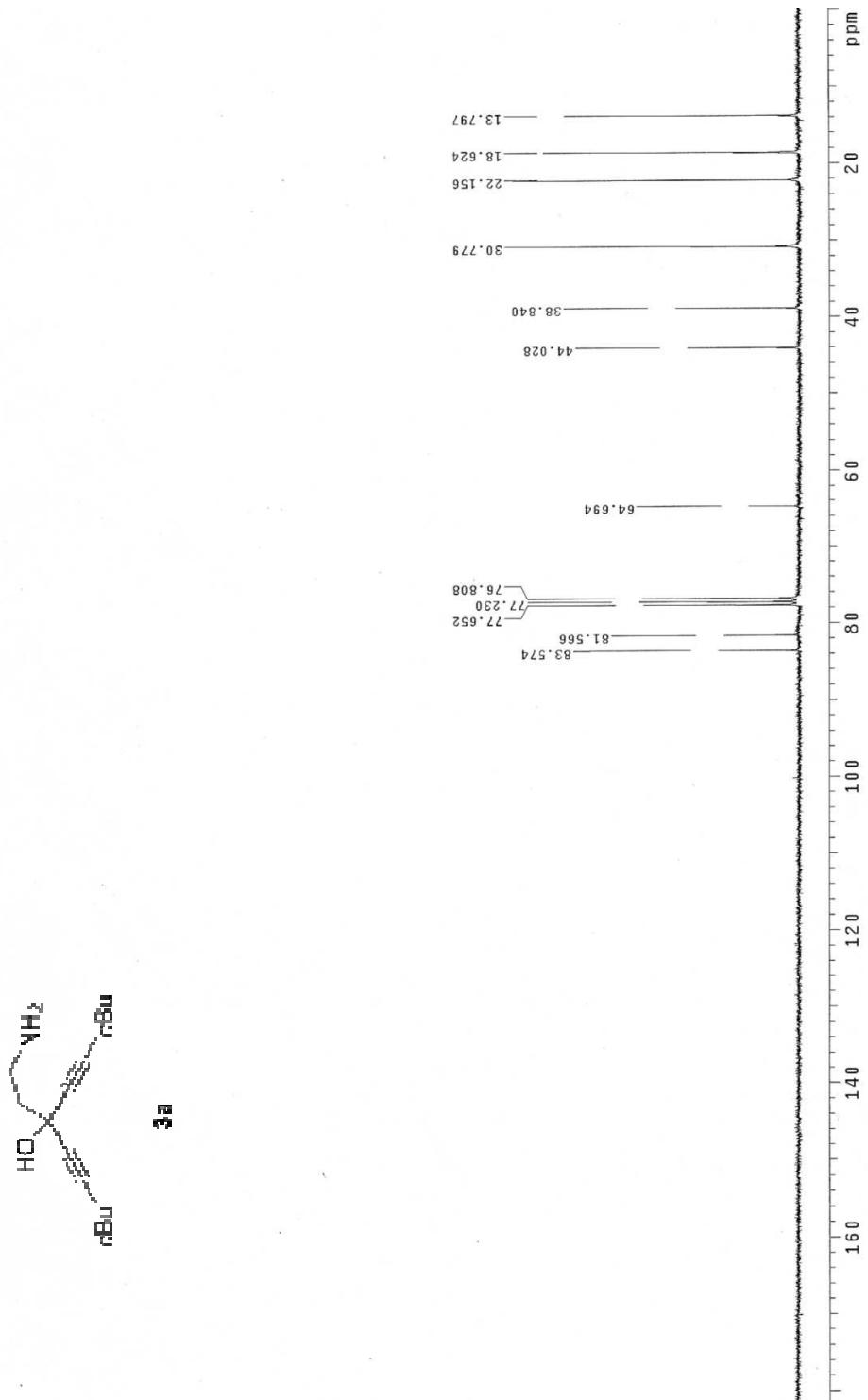


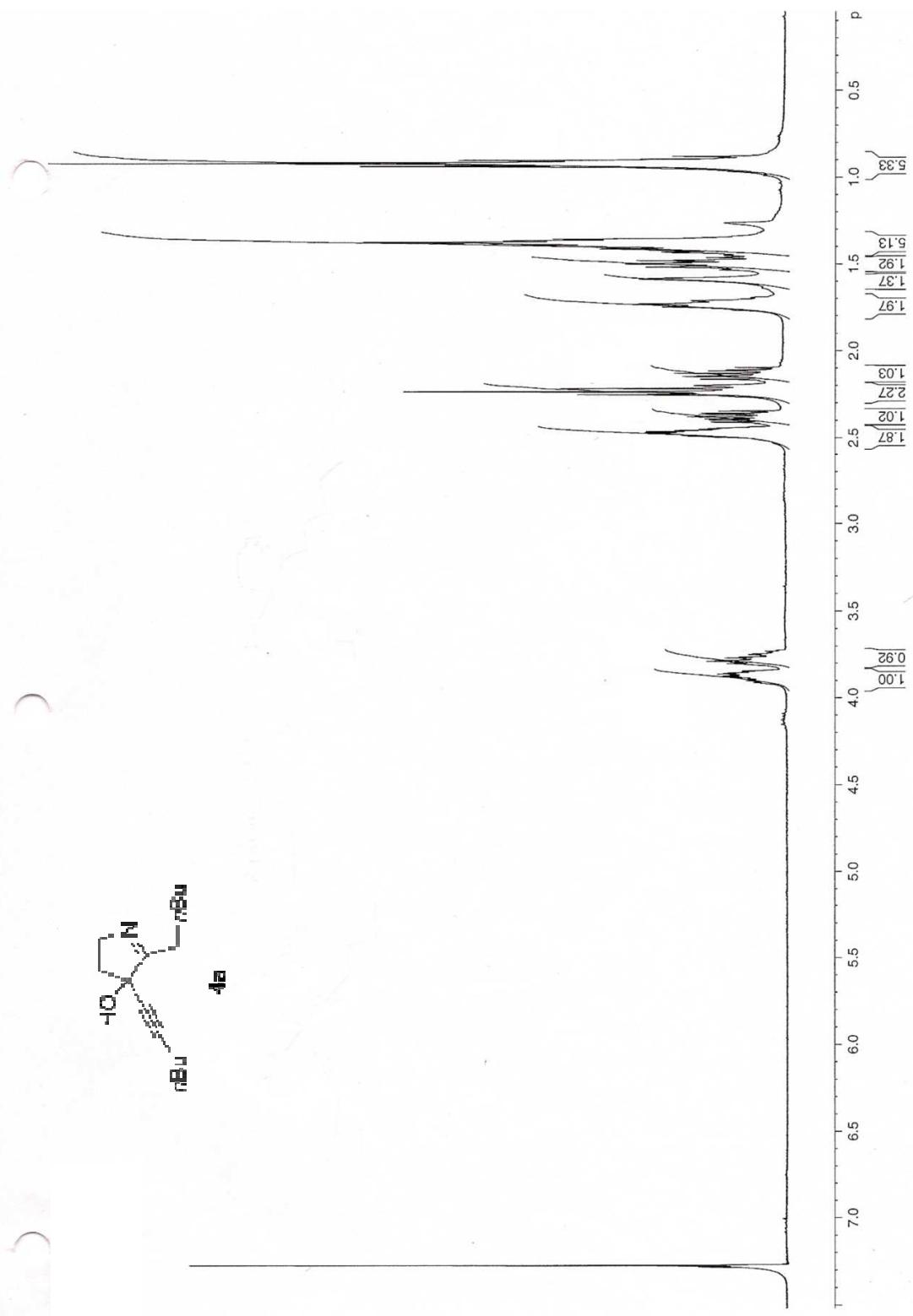


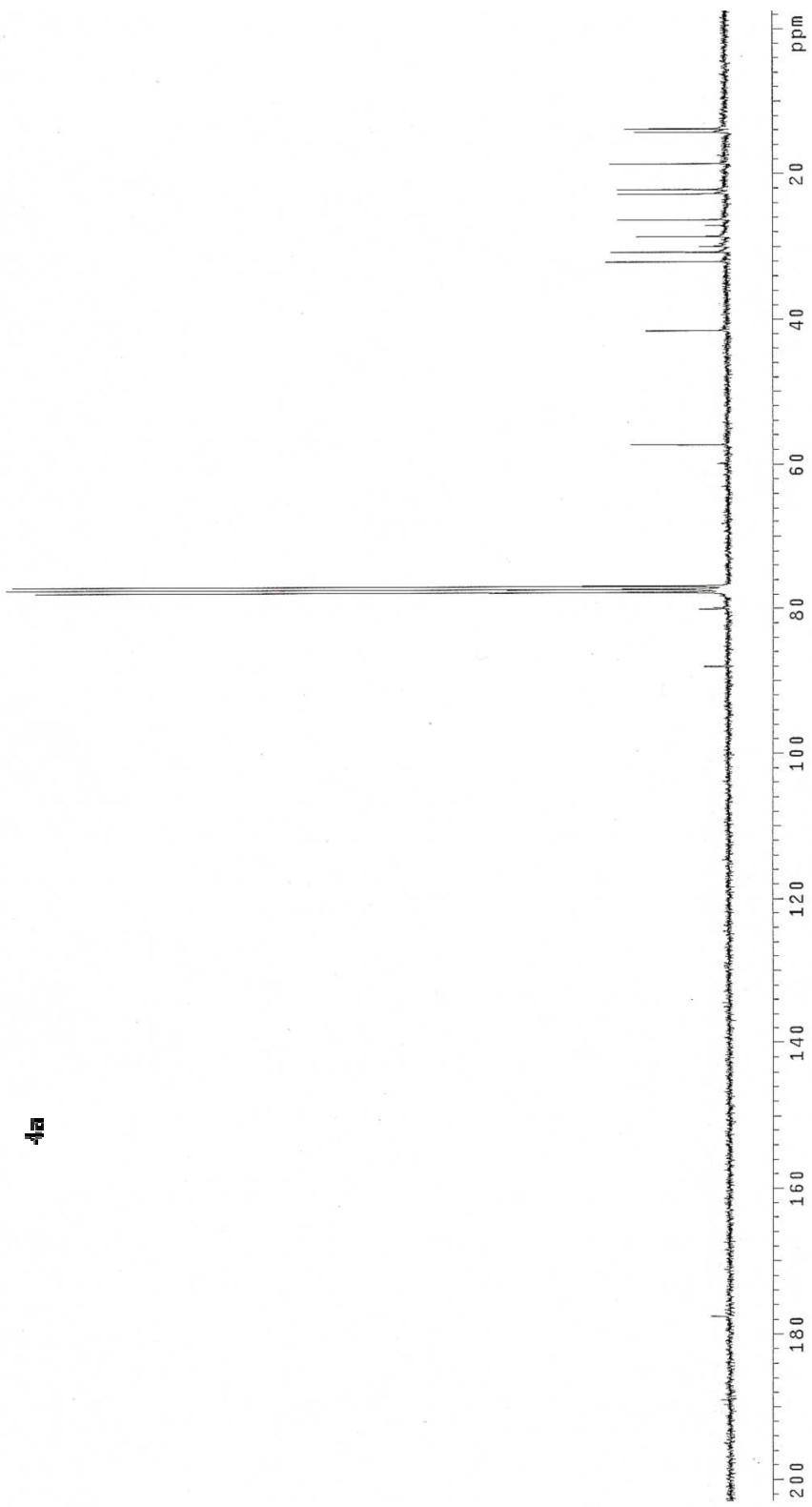


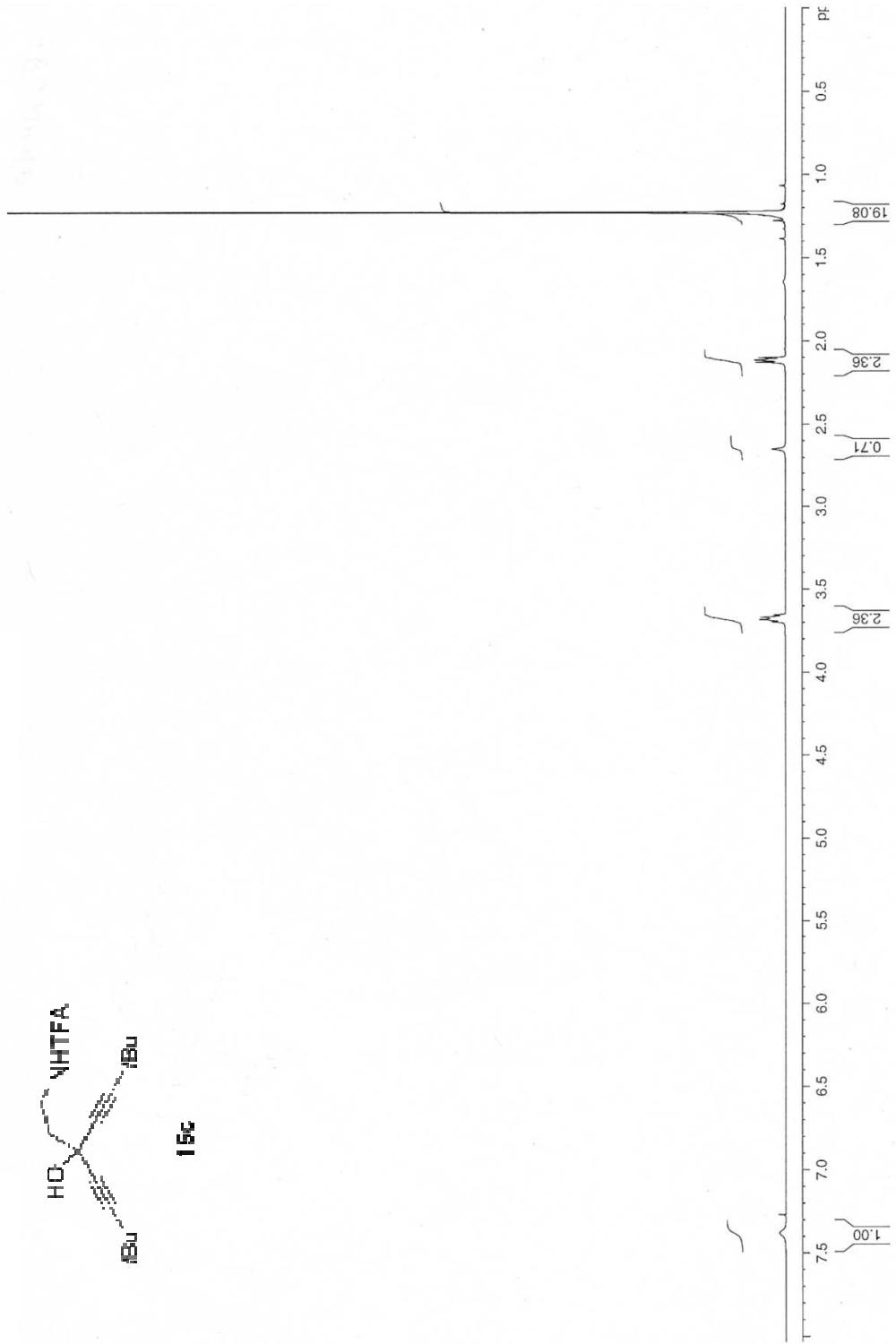
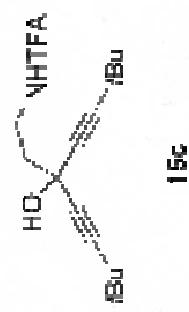


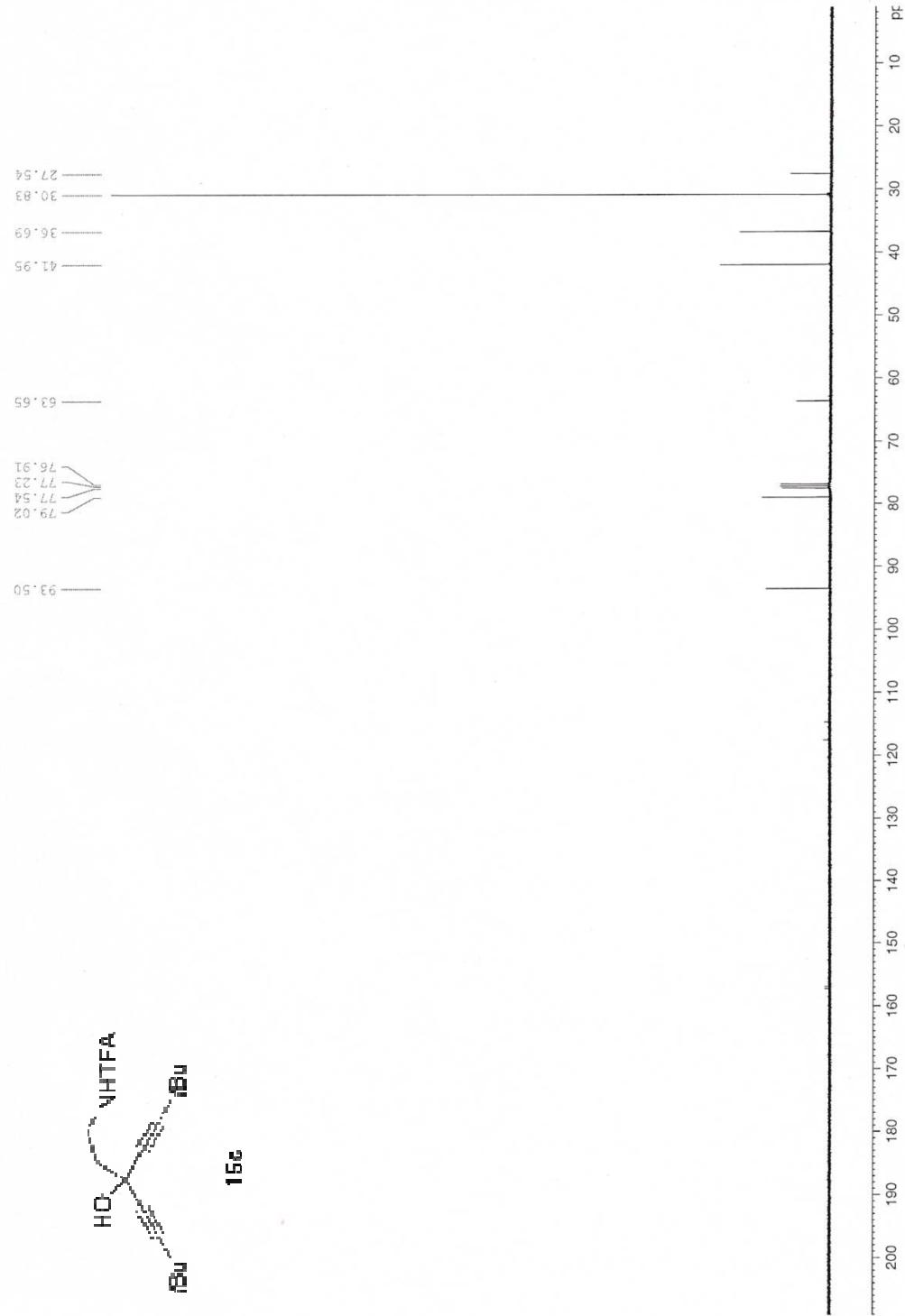
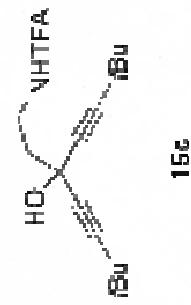


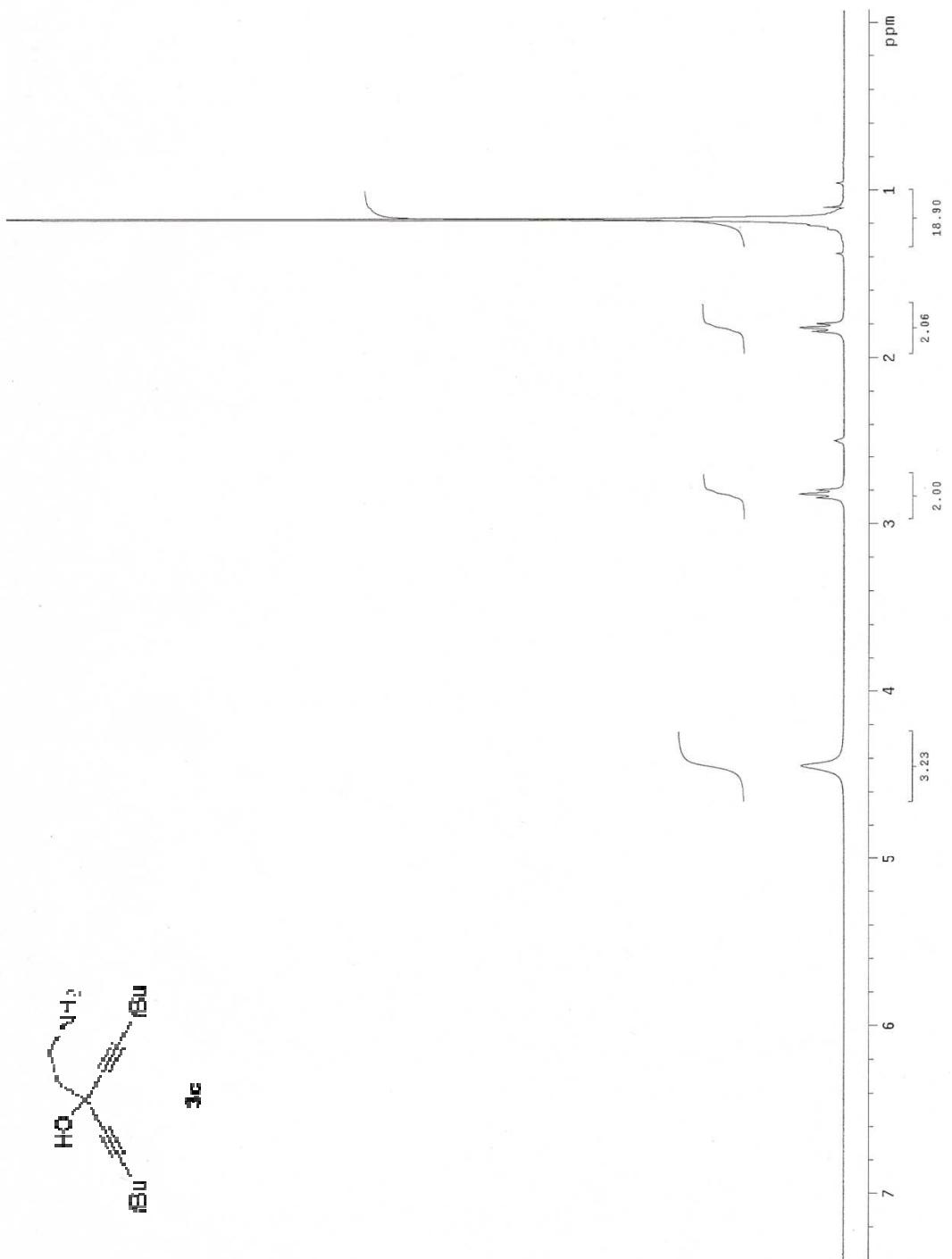


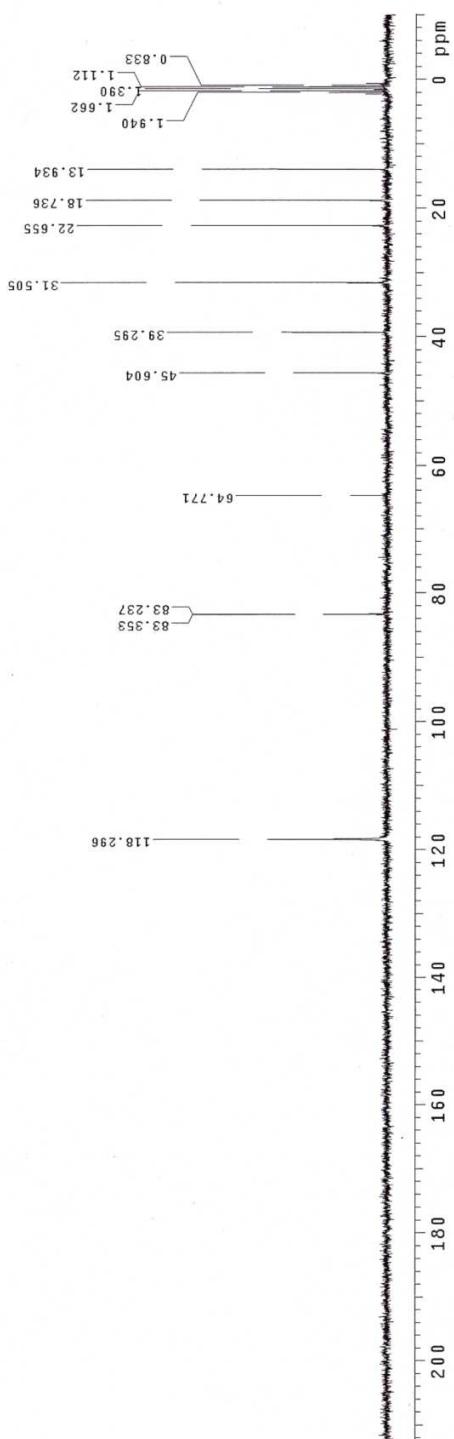
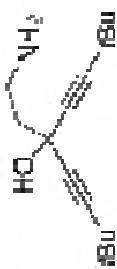


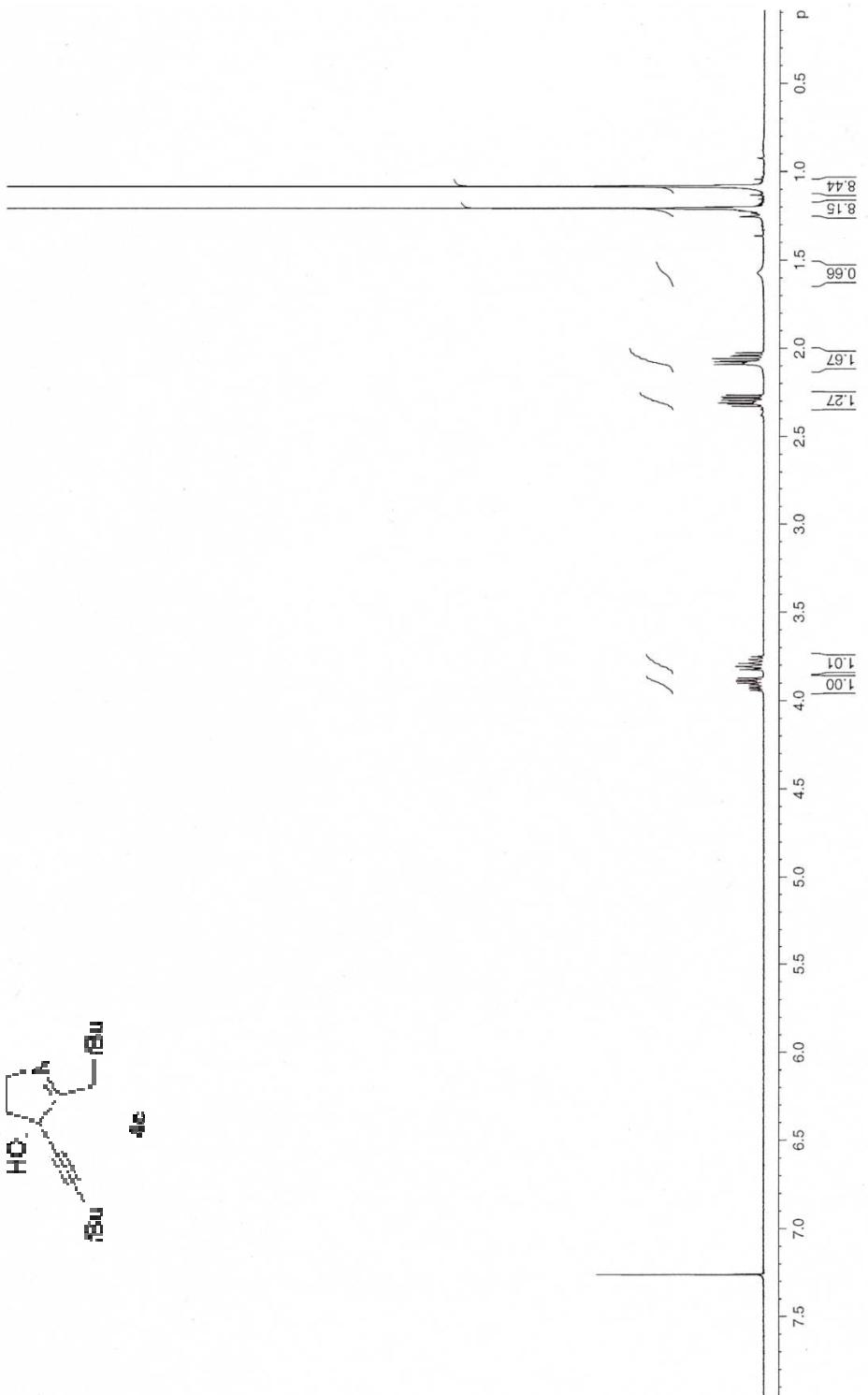
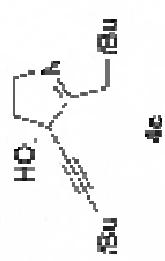


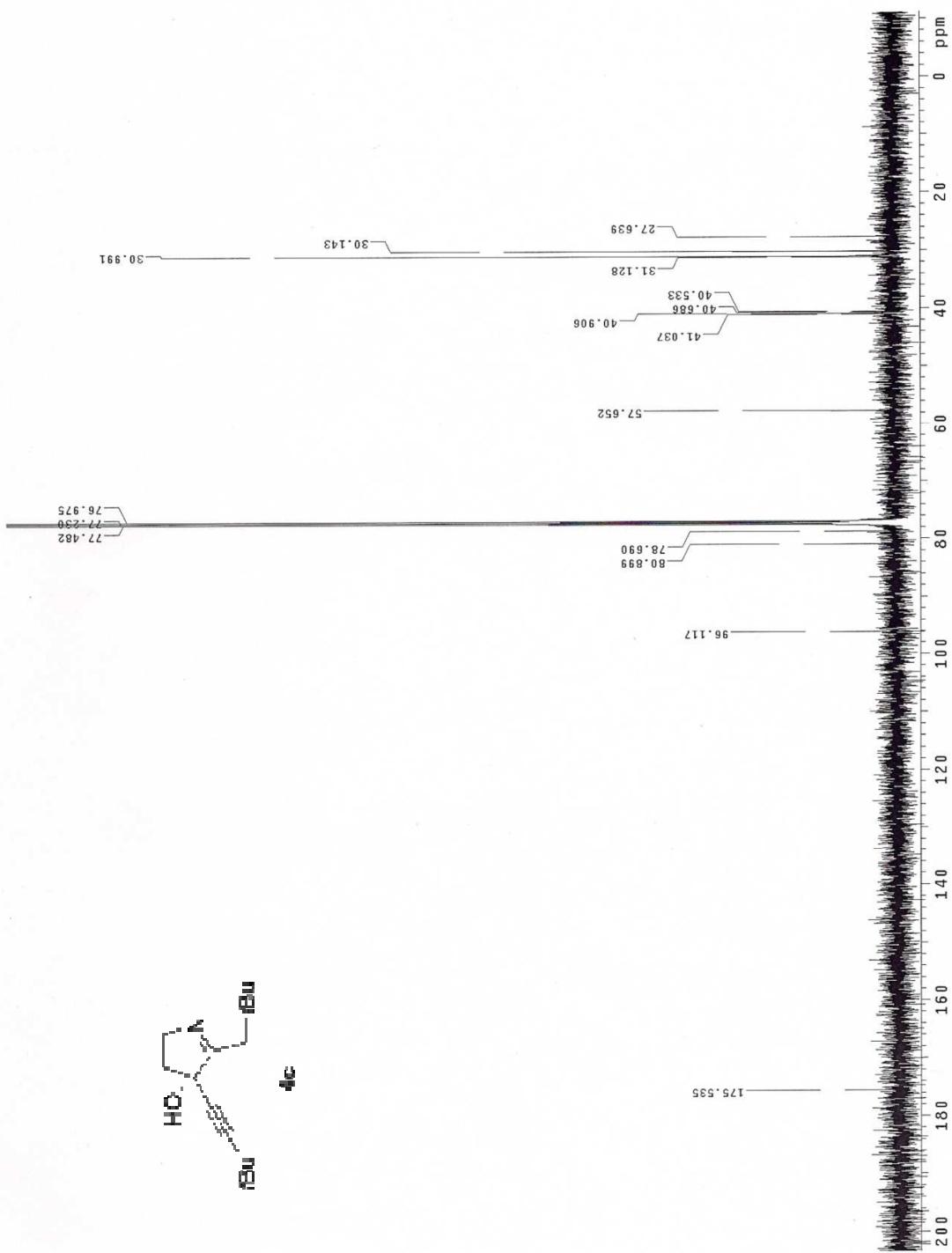


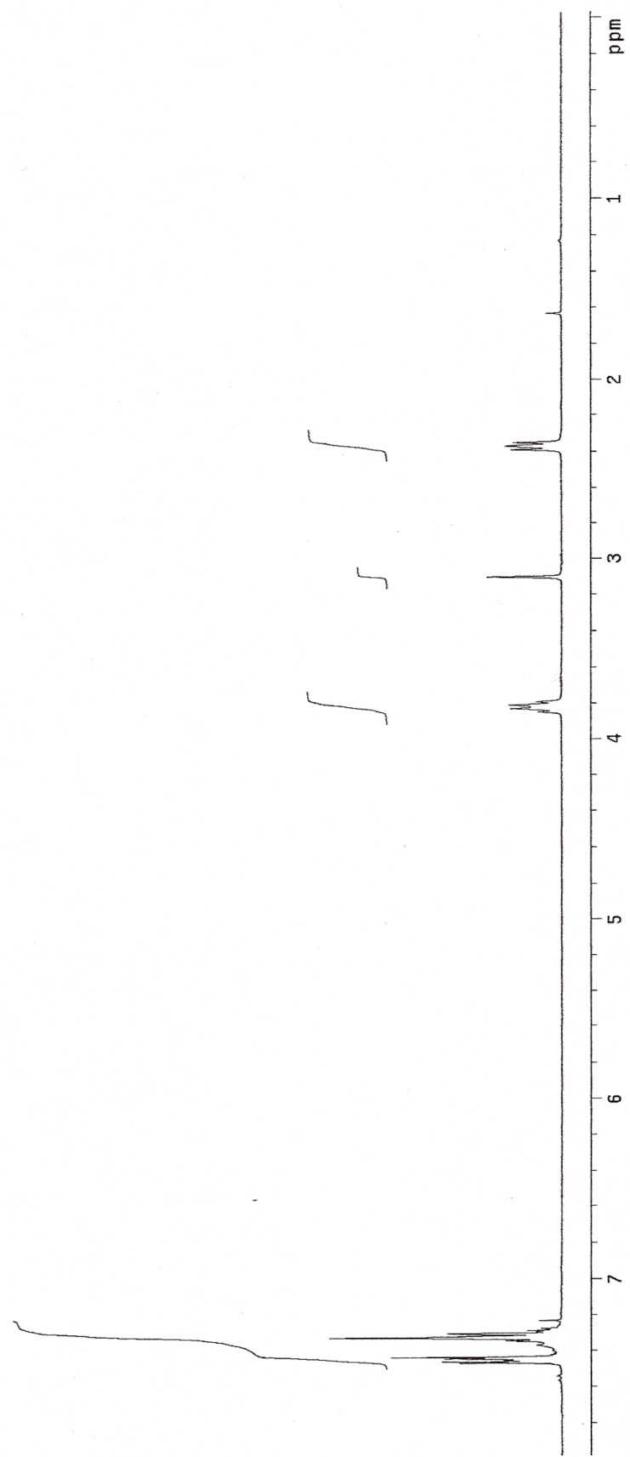
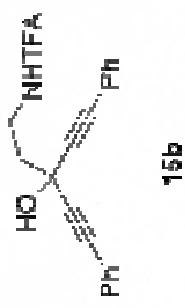


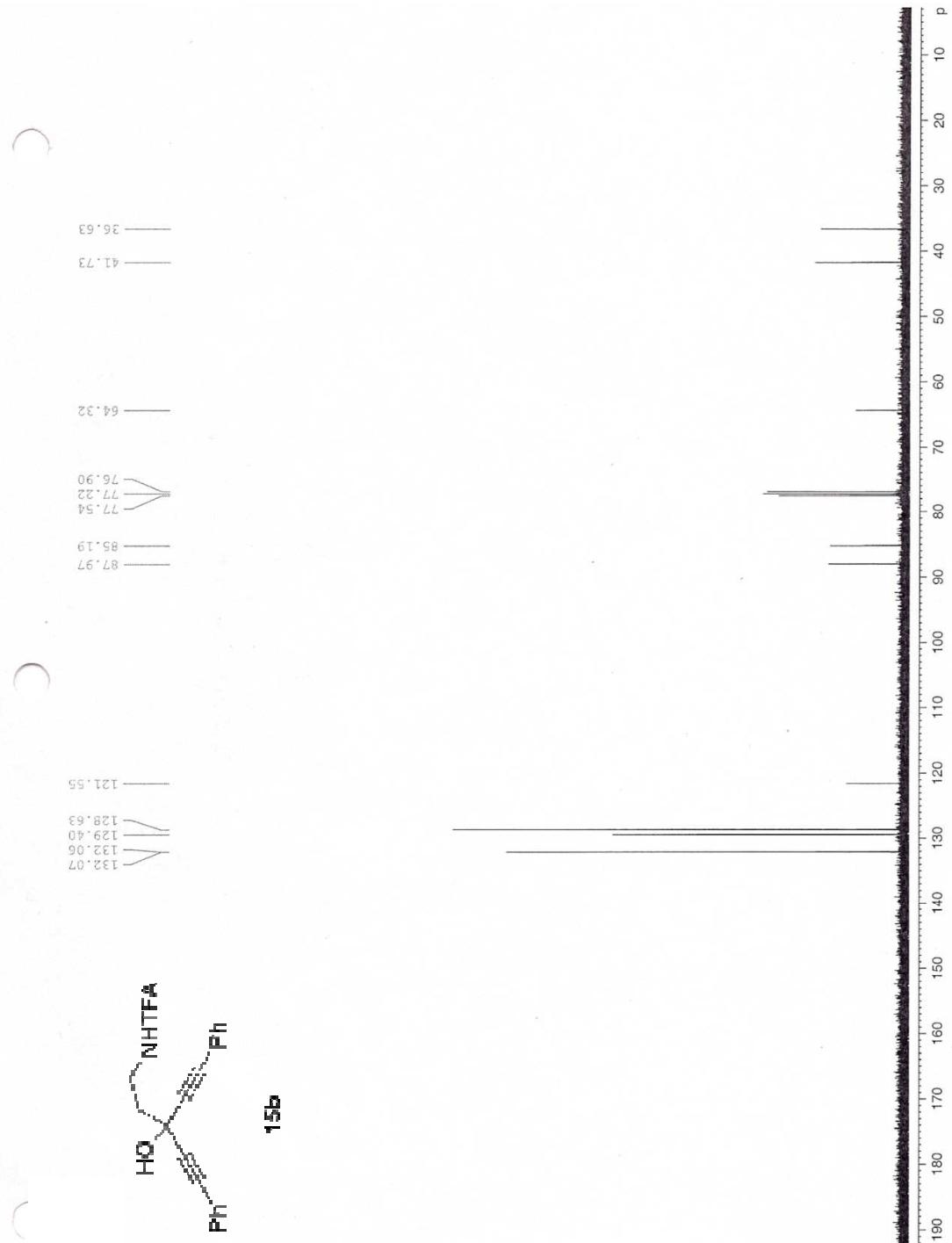
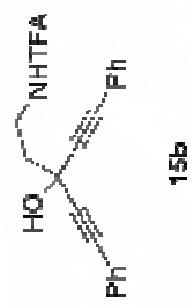


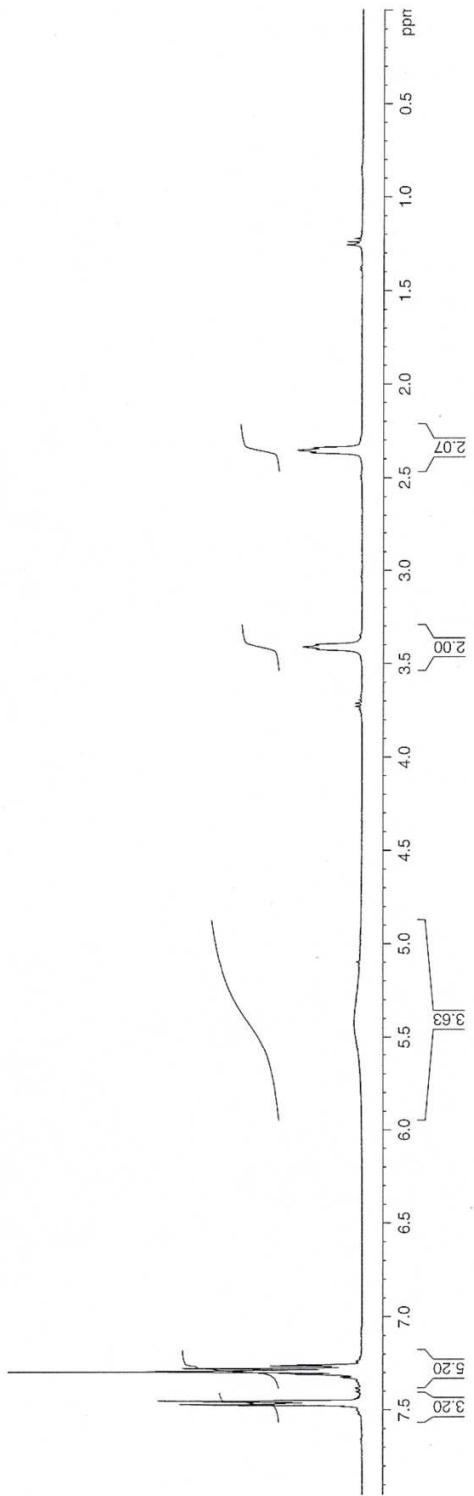
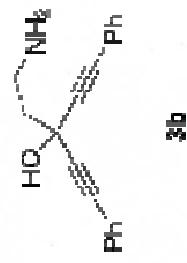


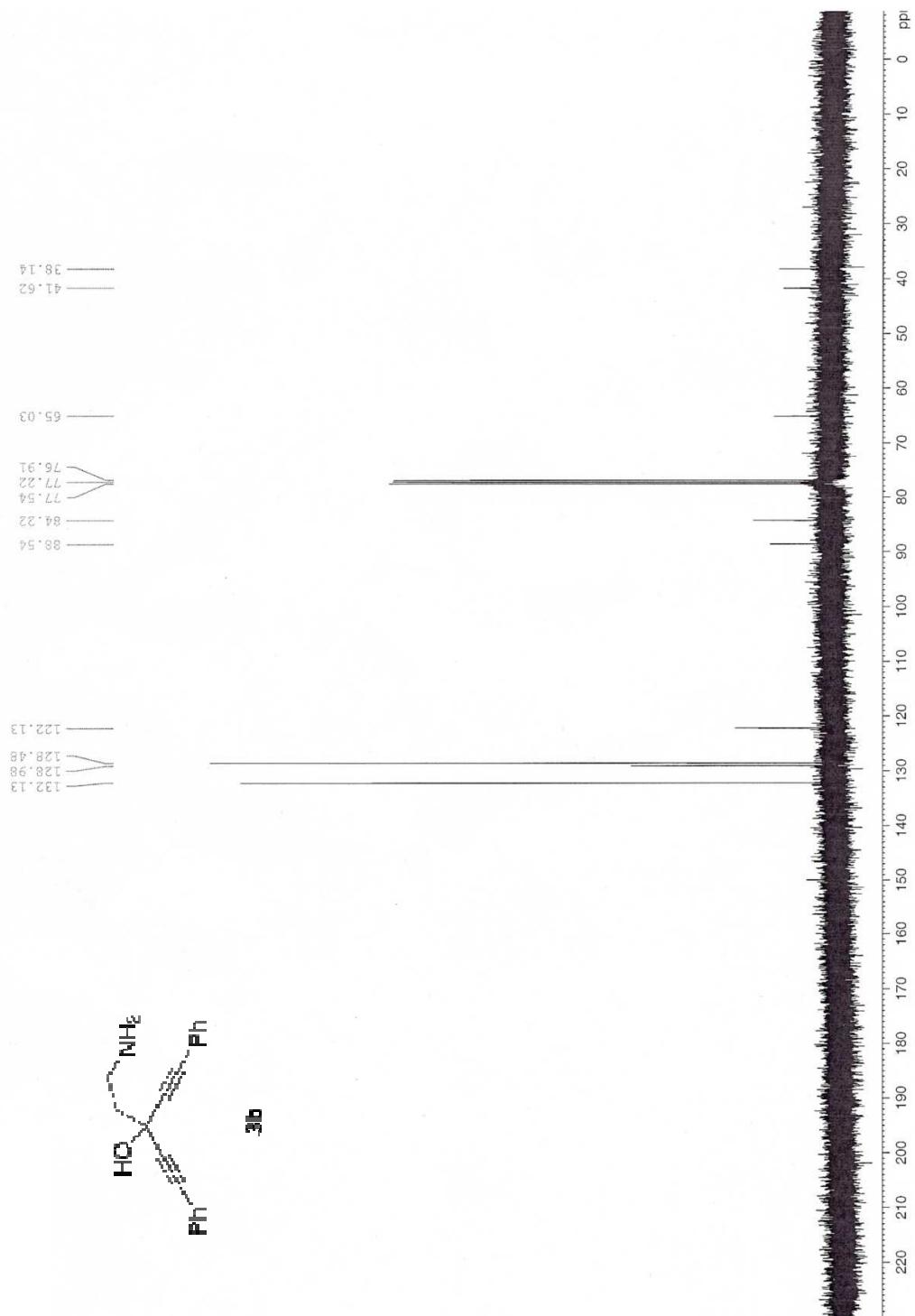
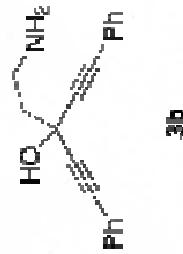


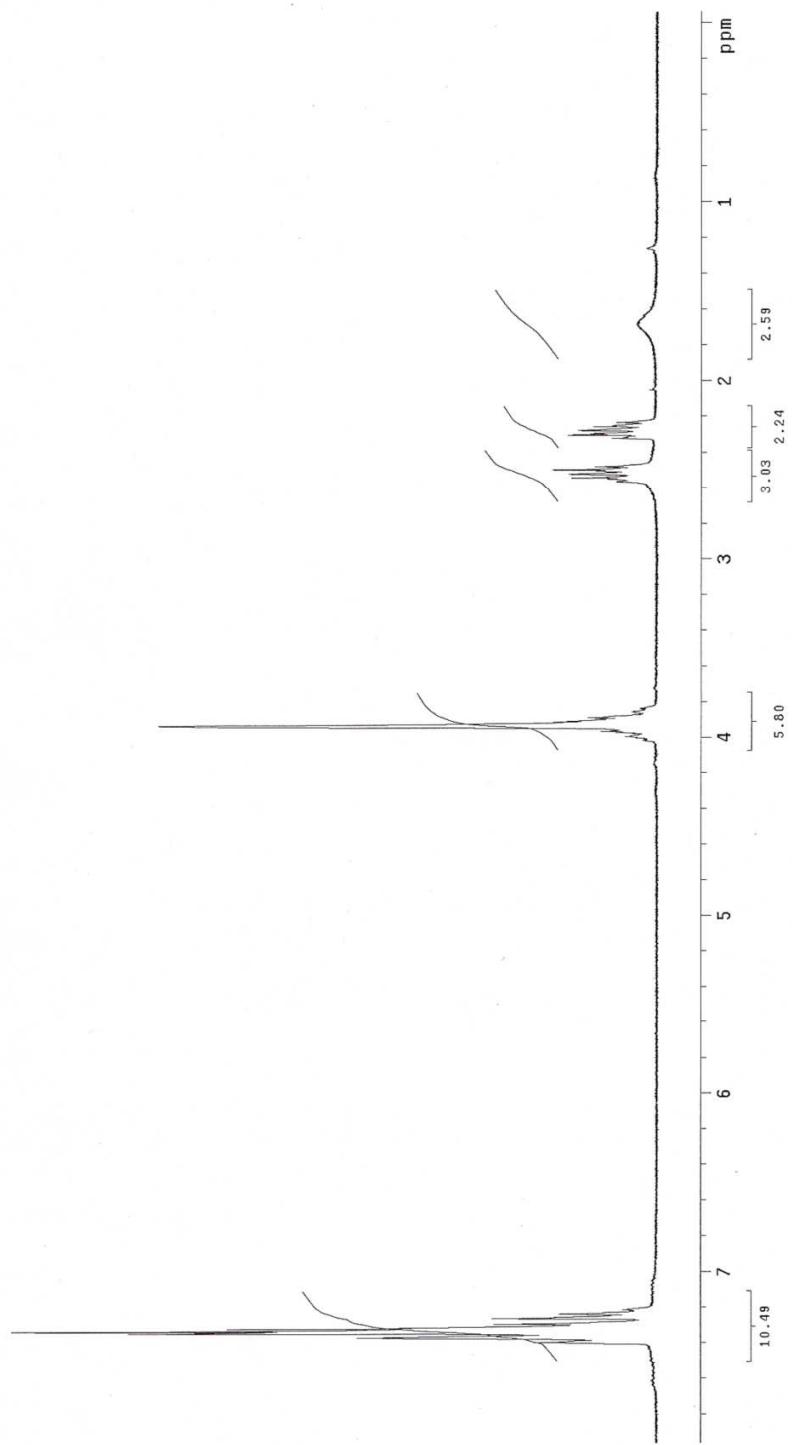
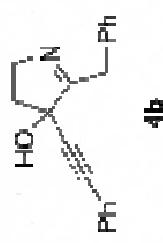


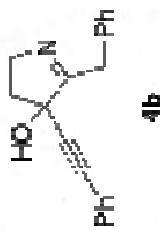
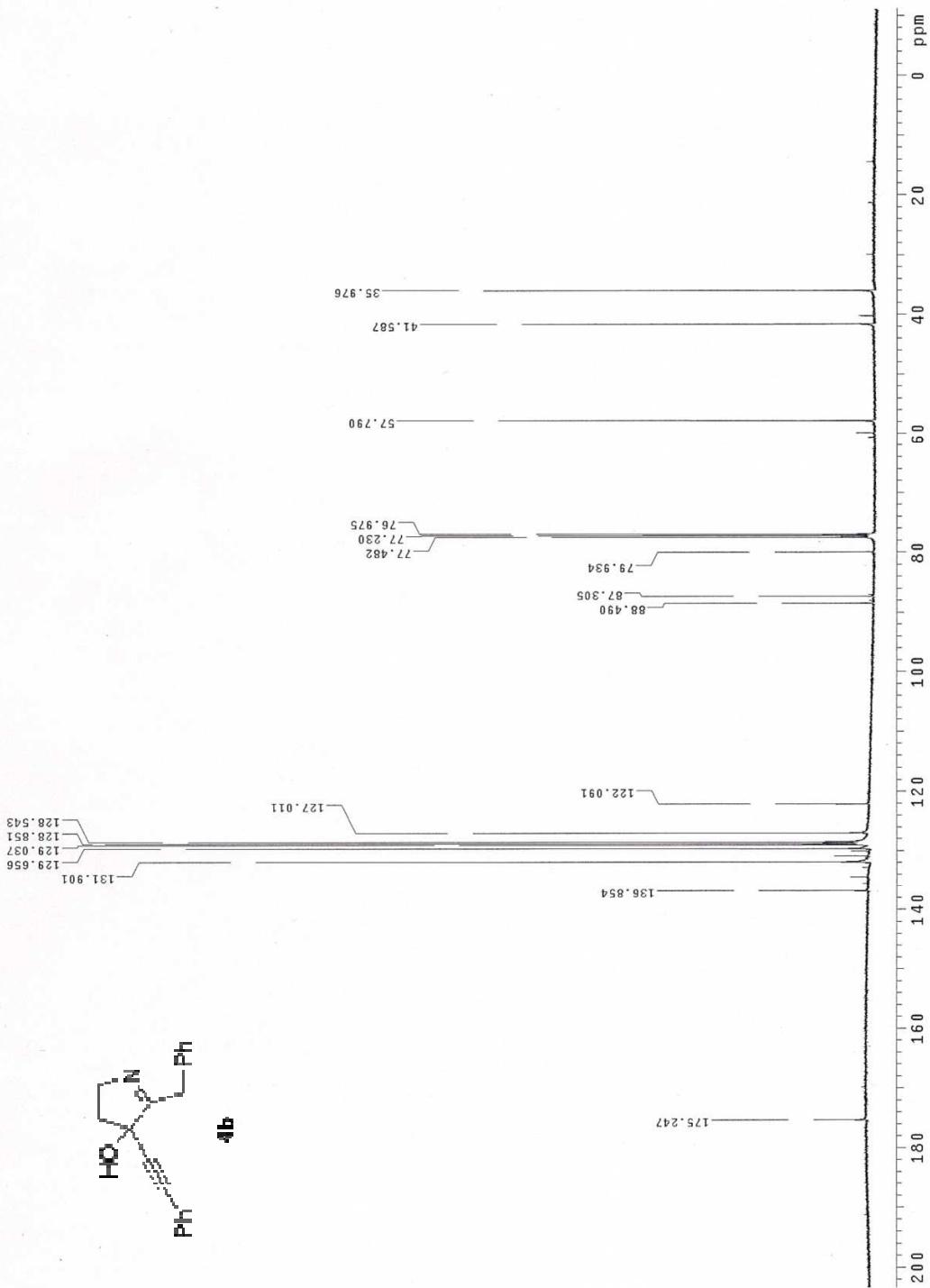


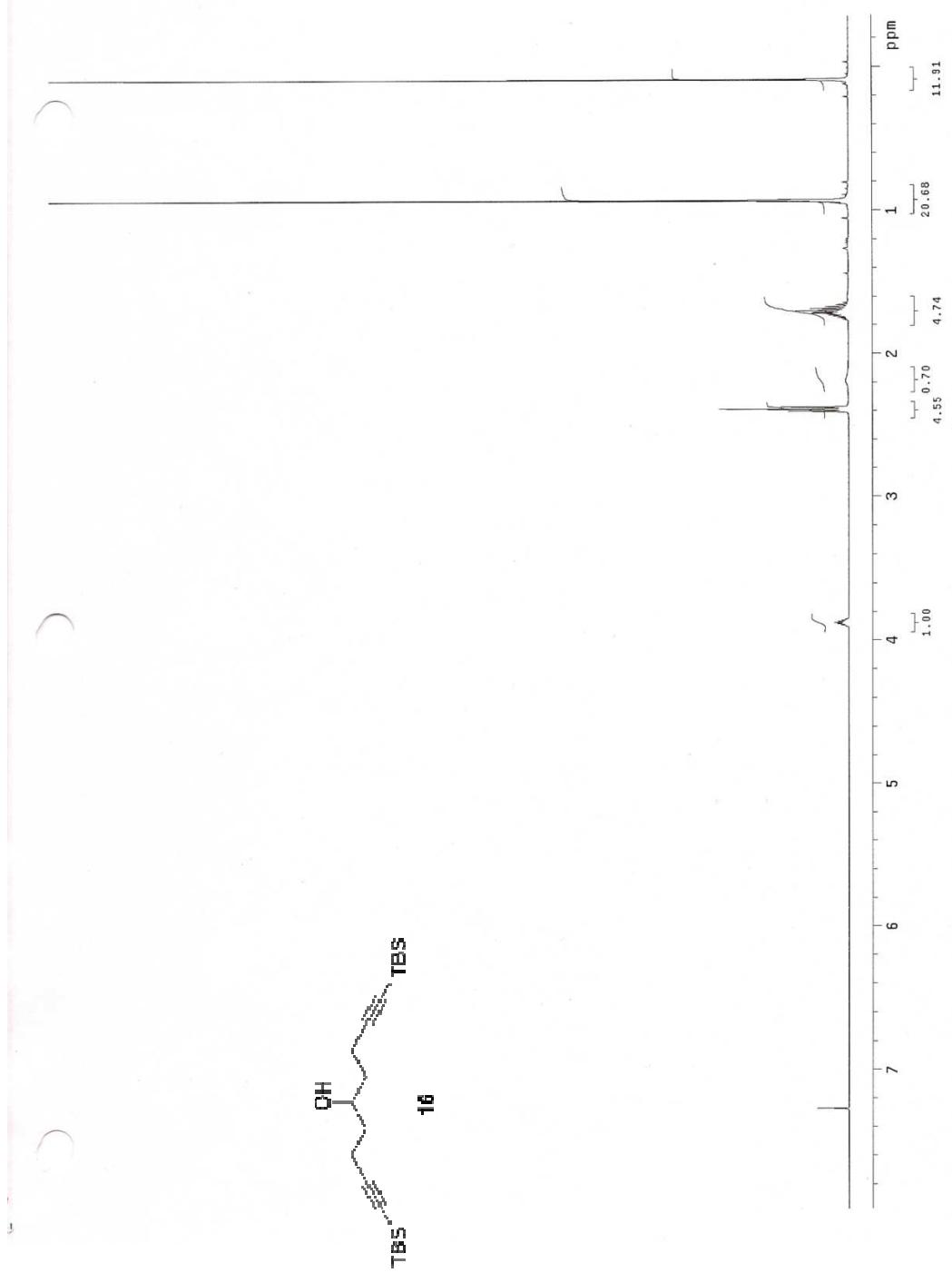


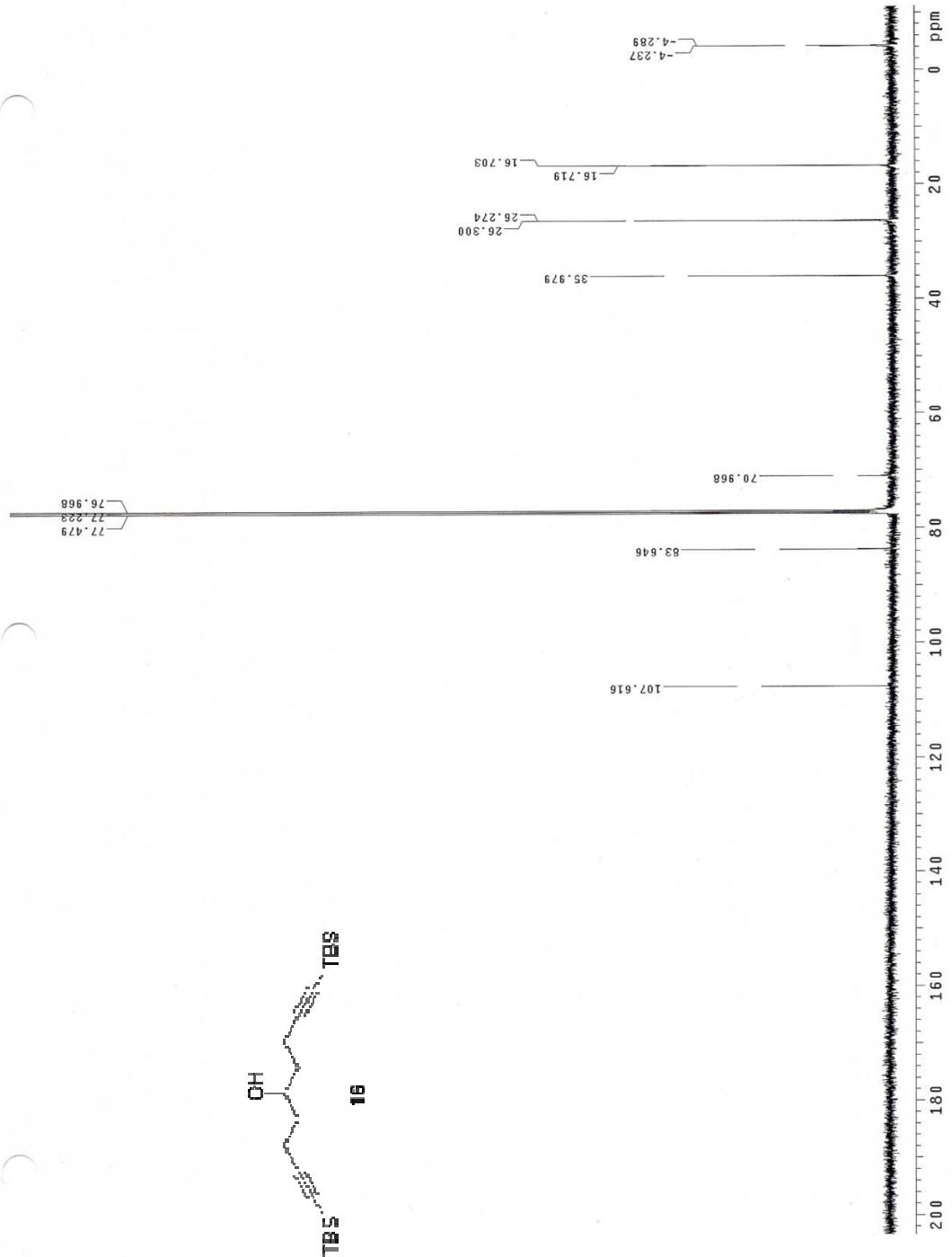


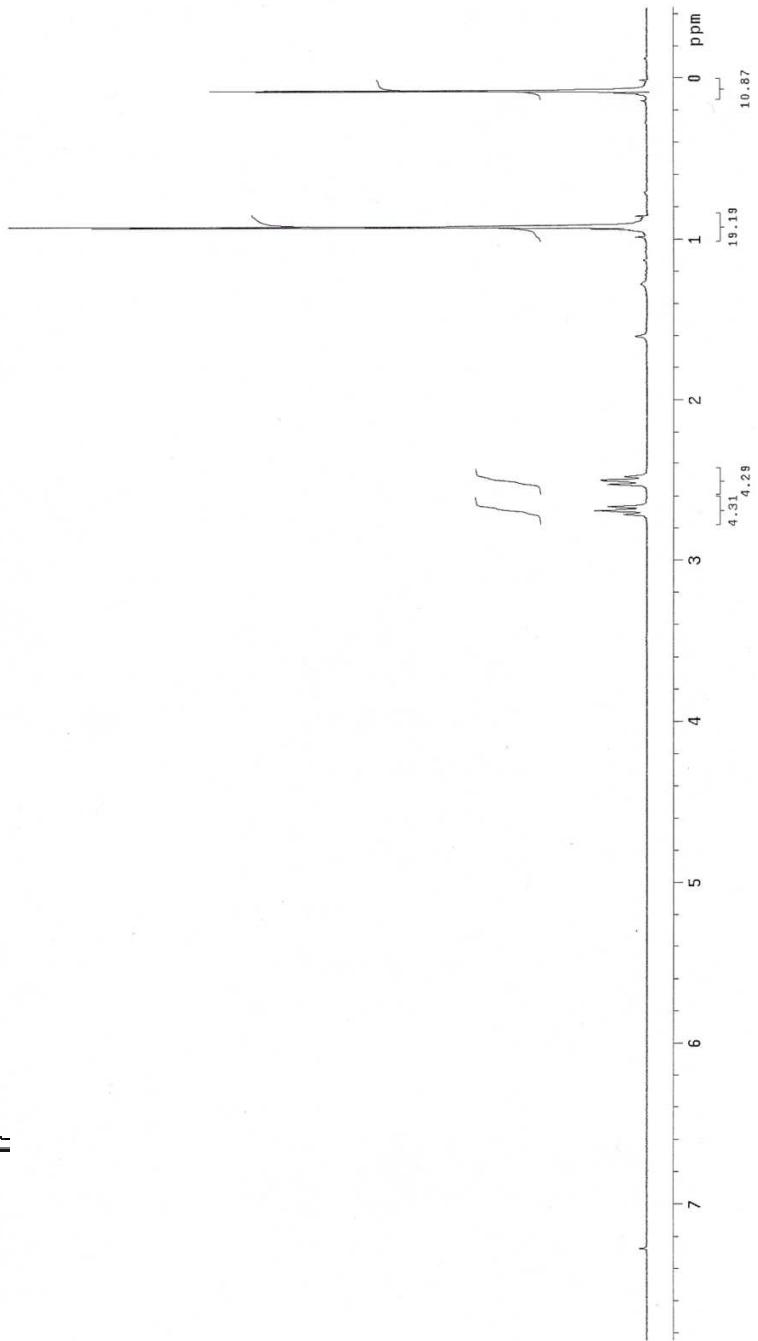
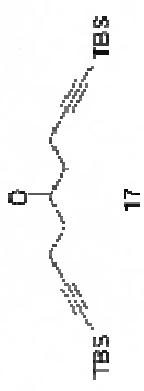


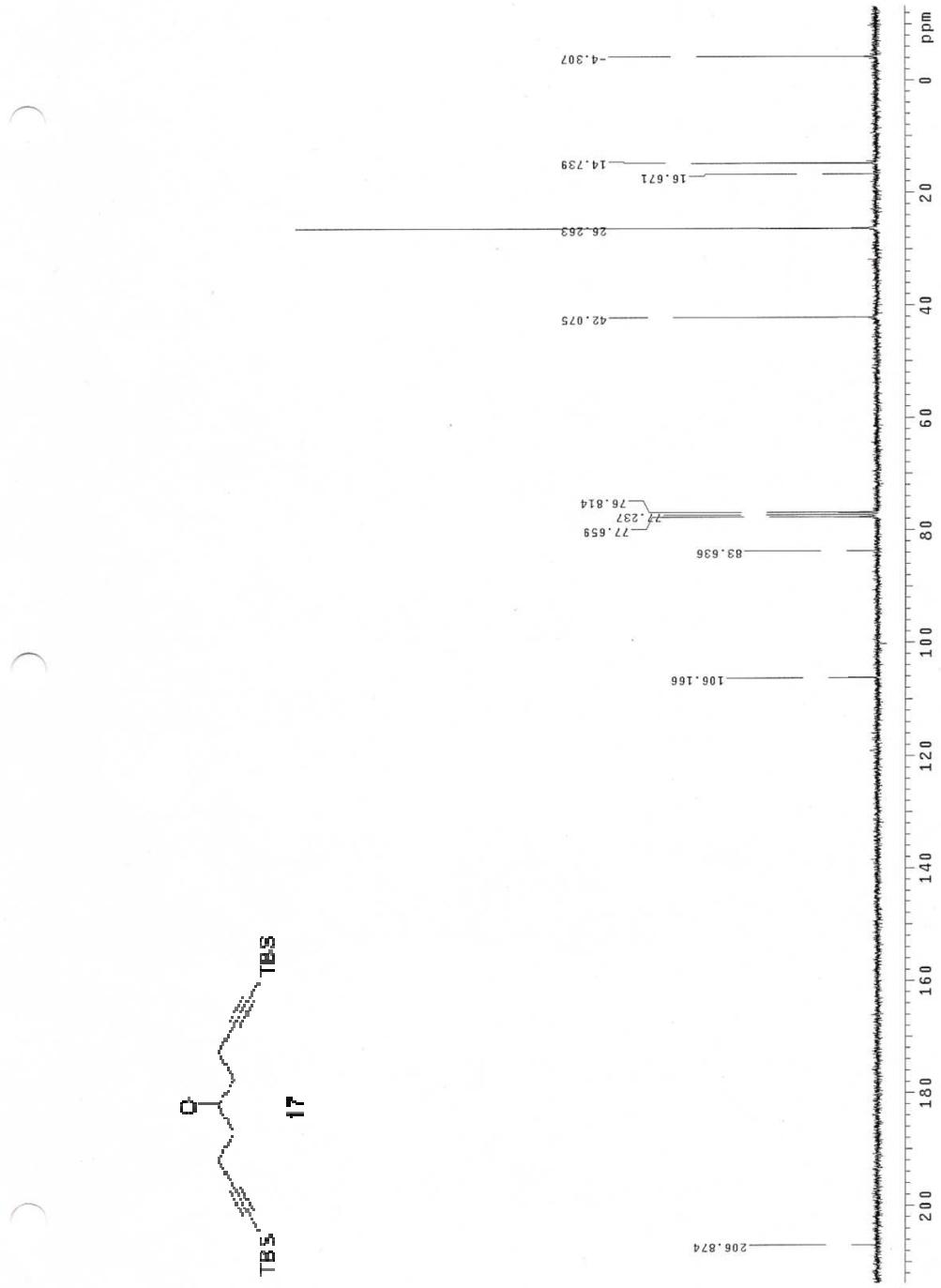


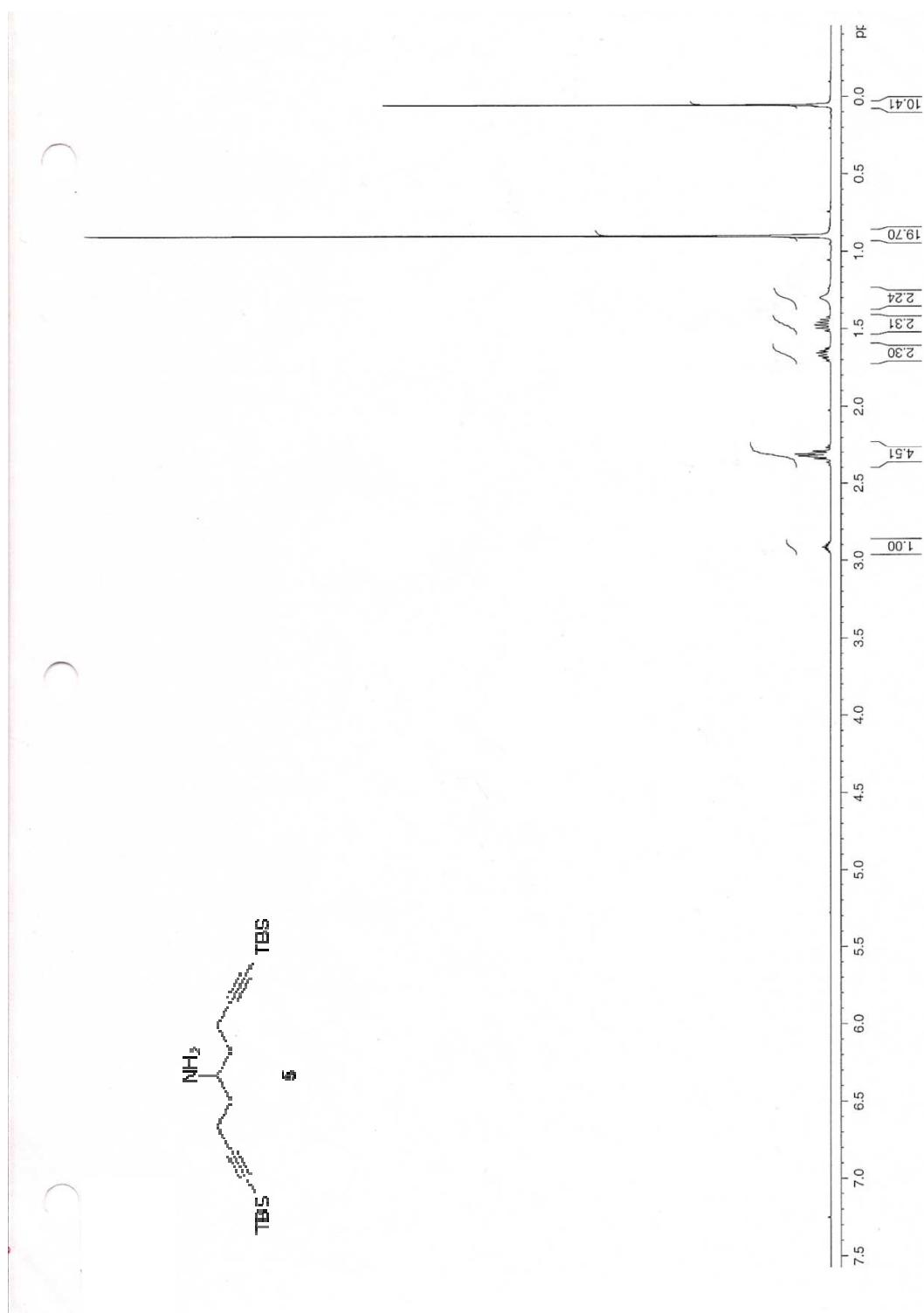
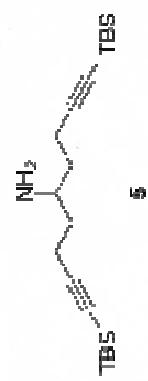


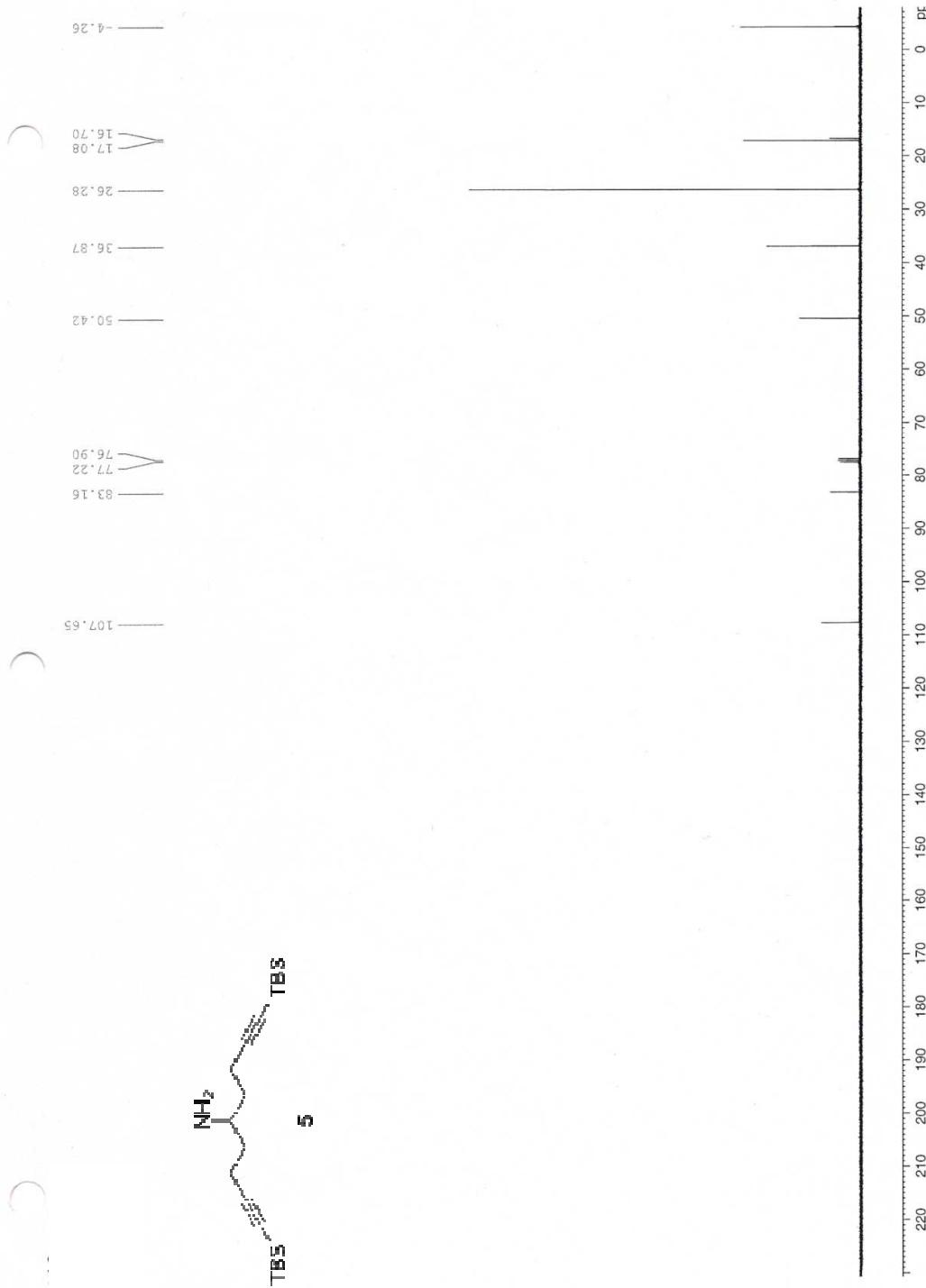














TBS

