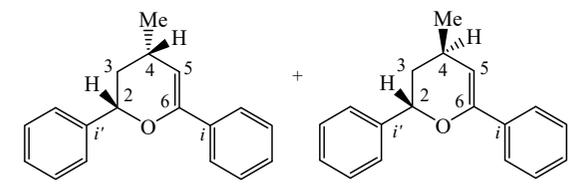
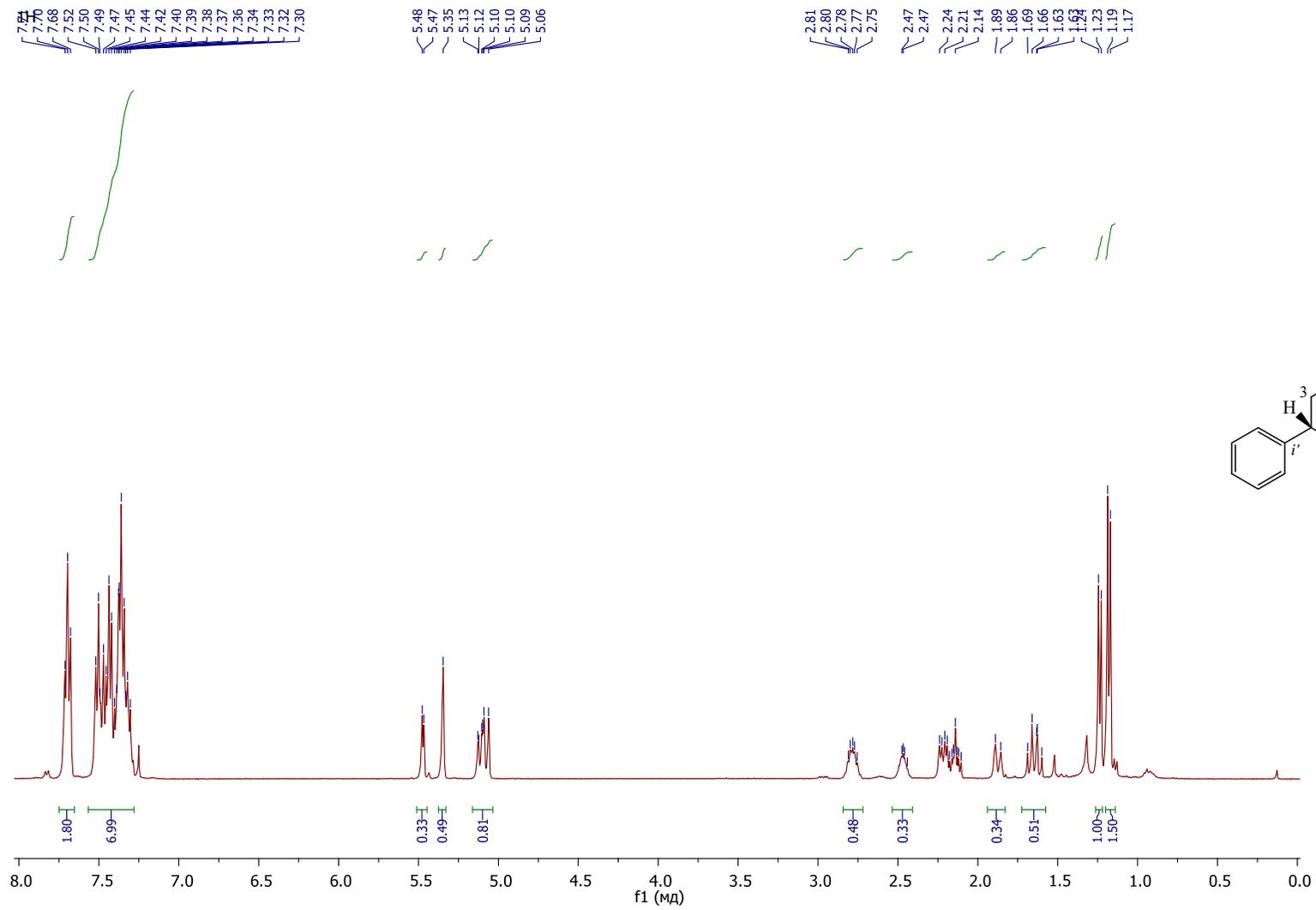


**Electronic supplementary materials** *Mendeleev Commun.*, 2018, **28**, 145–146

**2,4,6-Trisubstituted 3,4-dihydropyrans from acetylene and ketones:  
deacetylation in the KOBu<sup>t</sup>/DMSO system**

**Elena Yu. Schmidt, Inna V. Tatarinova, Igor A. Ushakov and Boris A. Trofimov**



<sup>1</sup>H NMR spectrum of **3a** (400.1 MHz, CDCl<sub>3</sub>)

<sup>13</sup>C\_

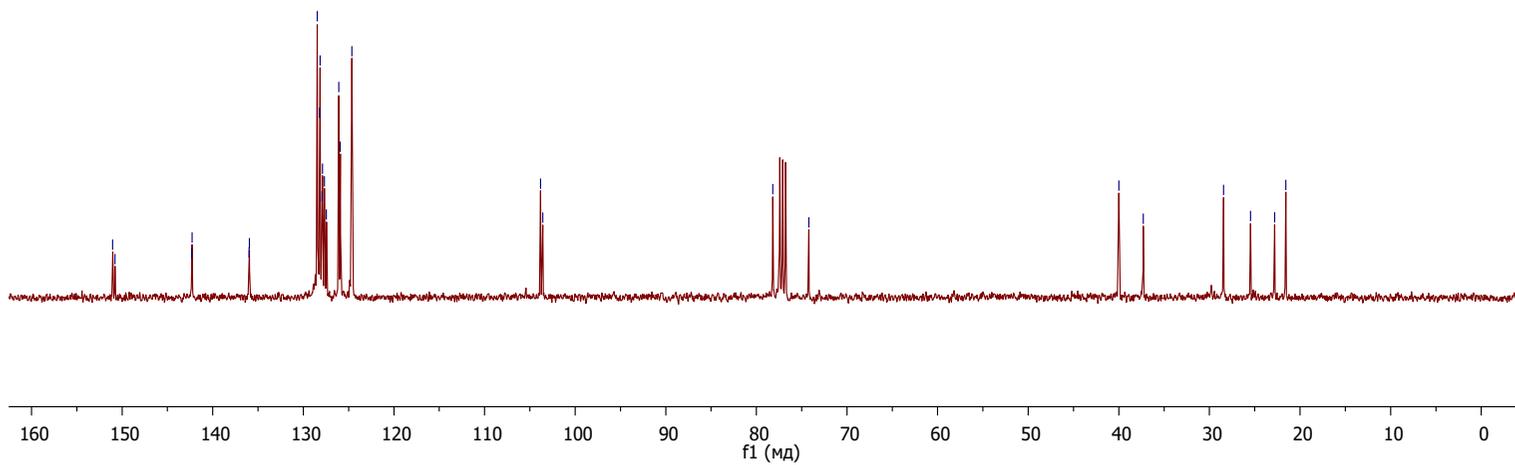
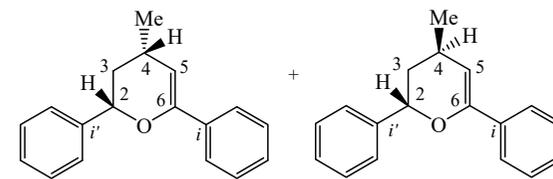
151.04  
150.79  
142.33  
142.27  
135.98  
135.95  
128.47  
128.20  
128.15  
127.93  
127.89  
127.67  
127.45  
126.08  
125.92  
124.65

103.82  
103.57

78.20  
74.21

39.99  
37.29

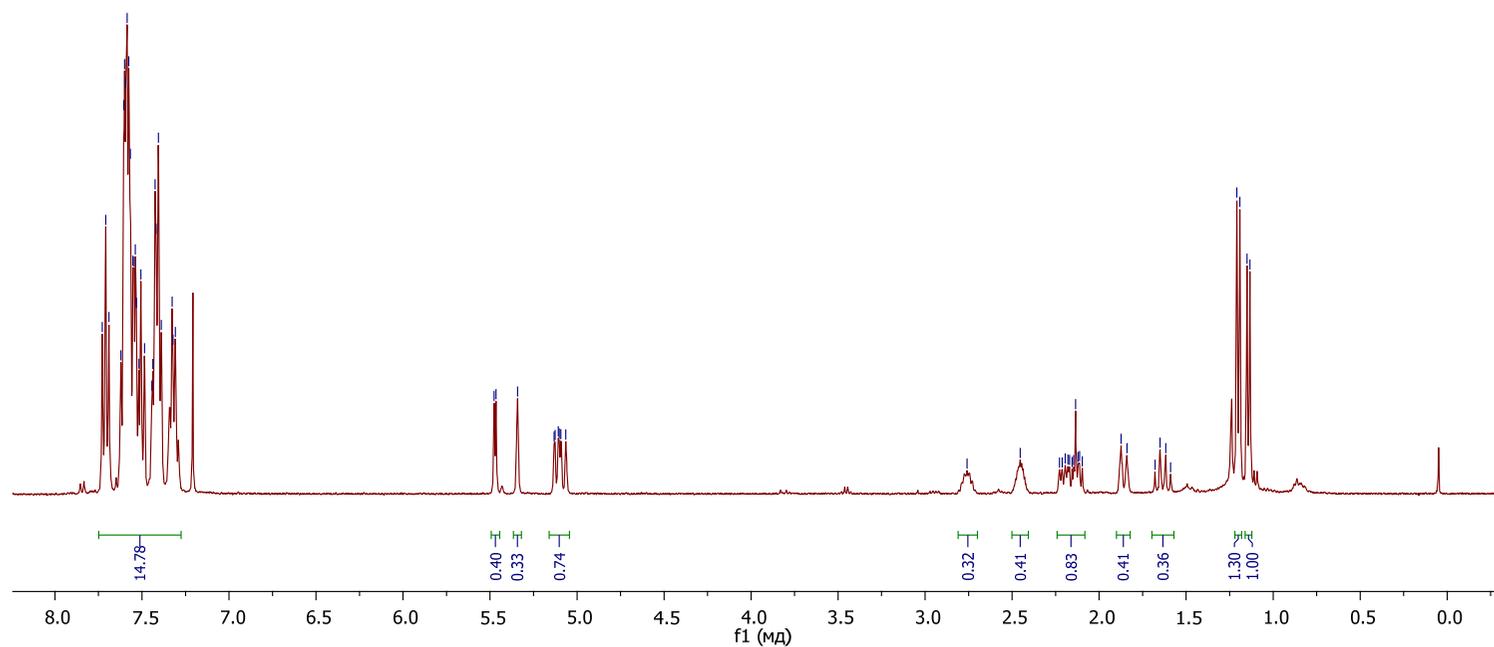
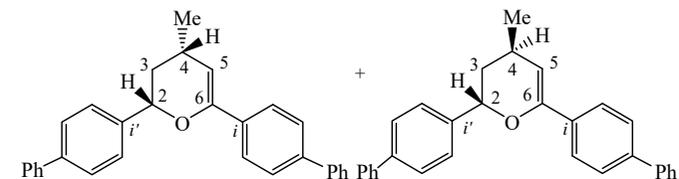
28.44  
25.46  
22.81  
21.57



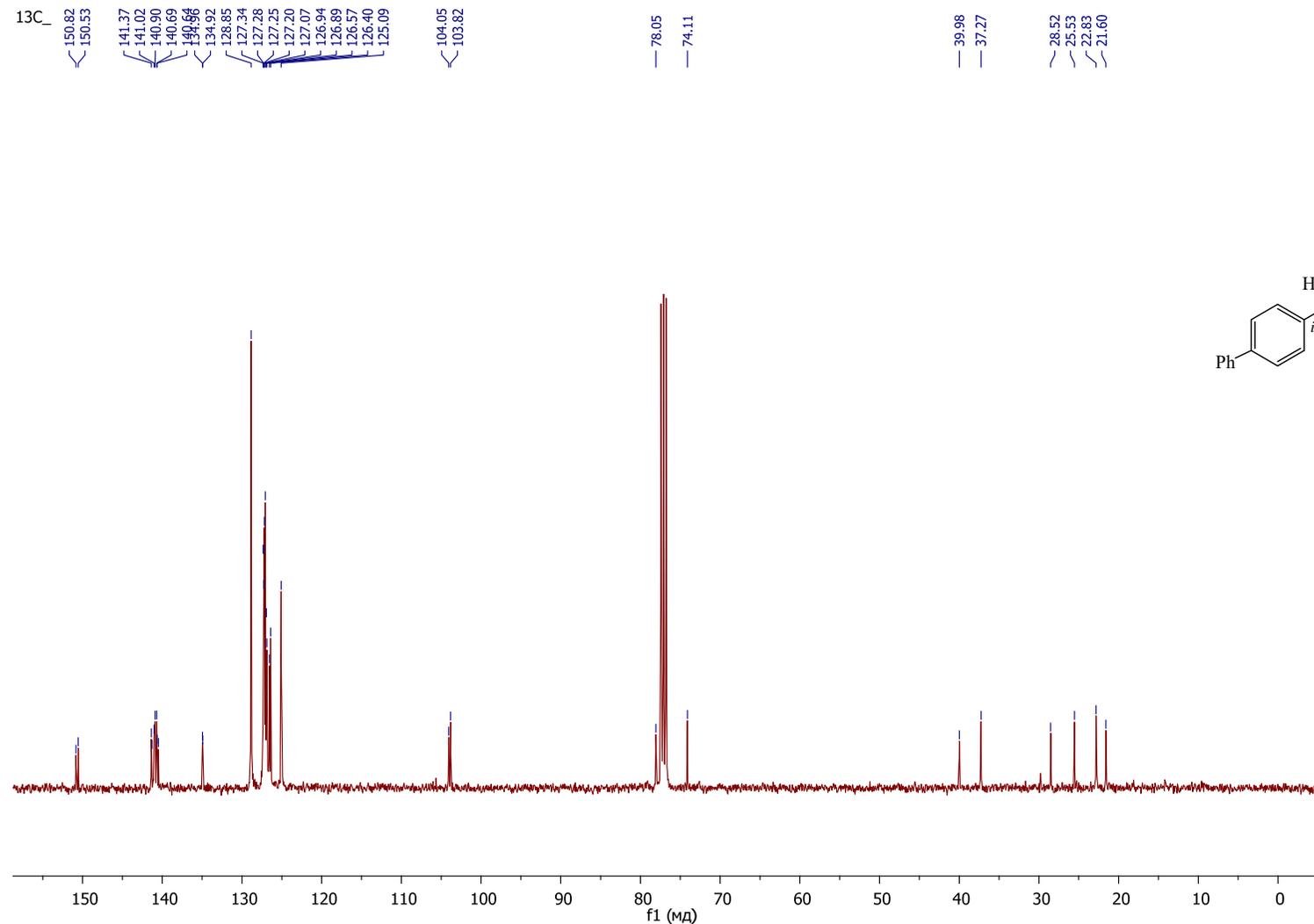
<sup>13</sup>C NMR spectrum of **3a** (100.6 MHz, CDCl<sub>3</sub>)

7.65  
7.71  
7.69  
7.62  
7.60  
7.59  
7.58  
7.57  
7.55  
7.54  
7.53  
7.52  
7.51  
7.49  
7.44  
7.42  
7.42  
7.41  
7.39  
7.33  
7.32  
7.31  
5.46  
5.47  
5.34  
5.13  
5.11  
5.10  
5.09  
5.06

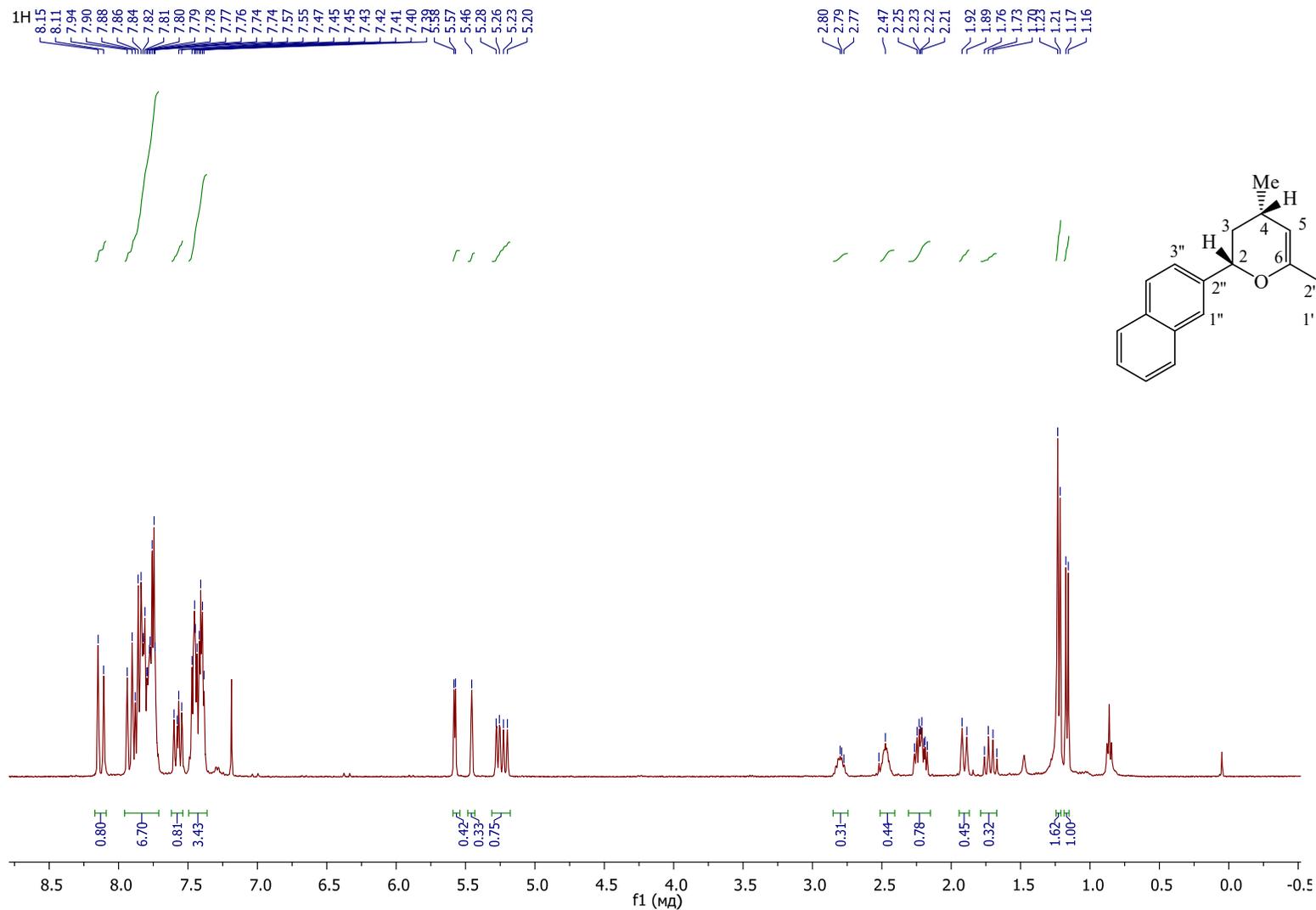
2.76  
2.45  
2.19  
2.14  
2.12  
2.11  
1.87  
1.84  
1.68  
1.65  
1.41  
1.19  
1.15  
1.13



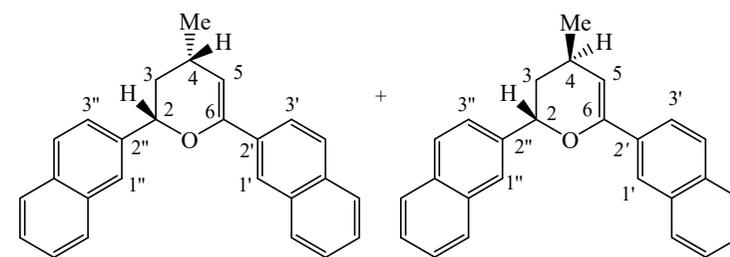
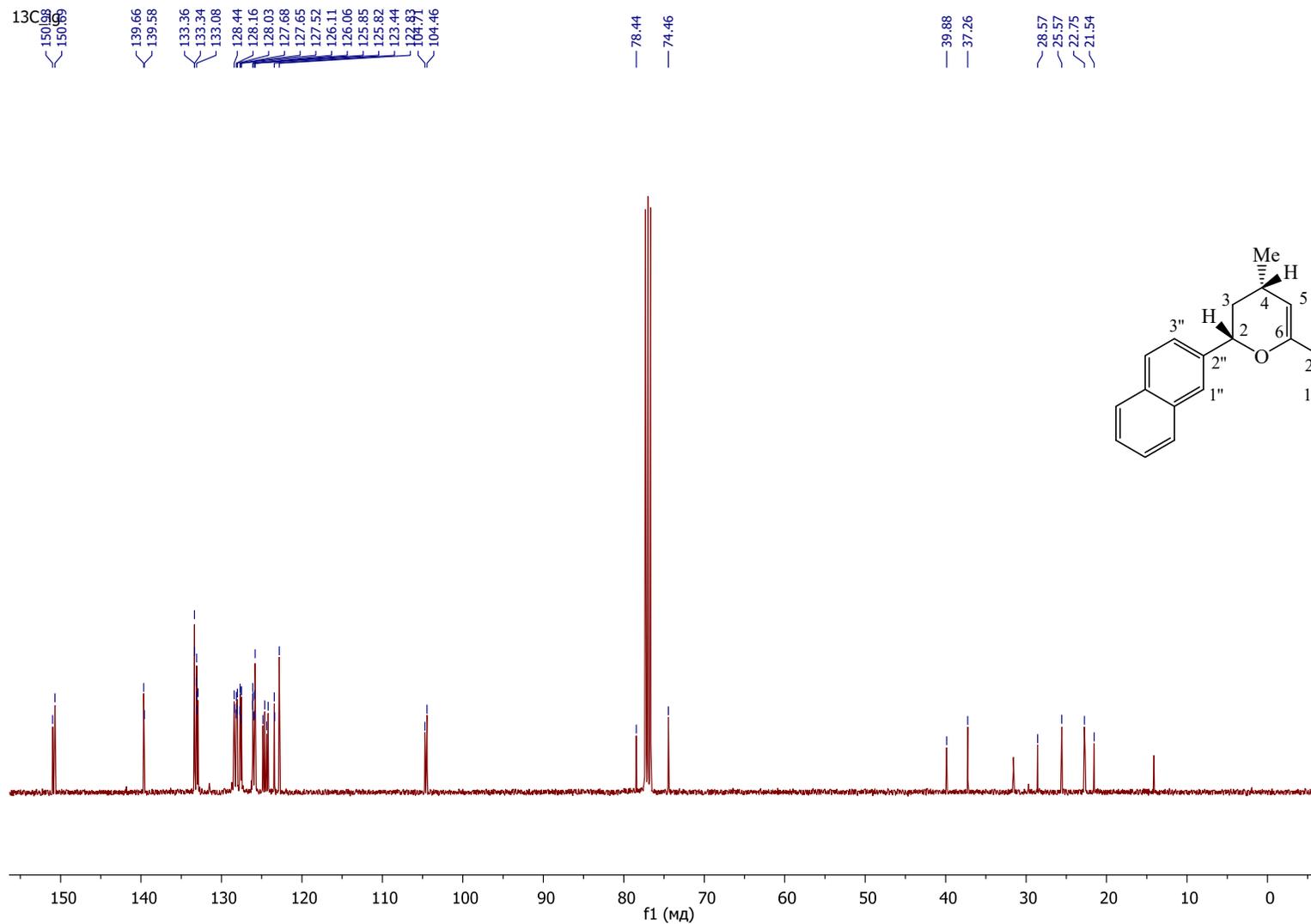
<sup>1</sup>H NMR spectrum of **3b** (400.1 MHz, CDCl<sub>3</sub>)



<sup>13</sup>C NMR spectrum of **3b** (100.6 MHz, CDCl<sub>3</sub>)



<sup>1</sup>H NMR spectrum of 3c (400.1 MHz, CDCl<sub>3</sub> + hexane)



$^{13}\text{C}$  NMR spectrum of **3c** (100.6 MHz,  $\text{CDCl}_3$  + hexane)