

Supplementary Information

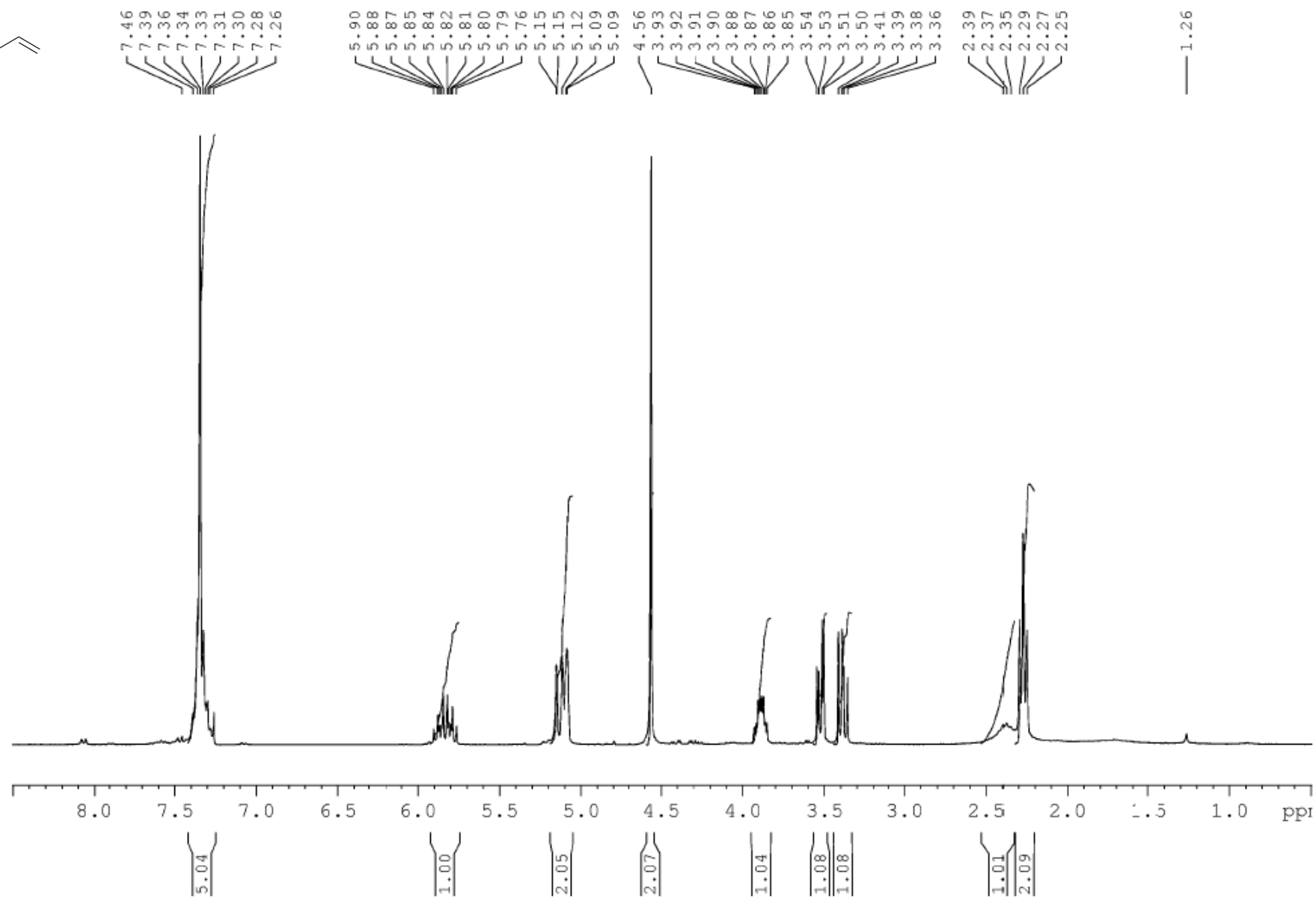
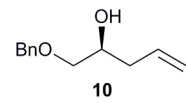
Total synthesis of C₁₉ lipid diols containing a 2,5-disubstituted-3-oxygenated tetrahydrofuran.

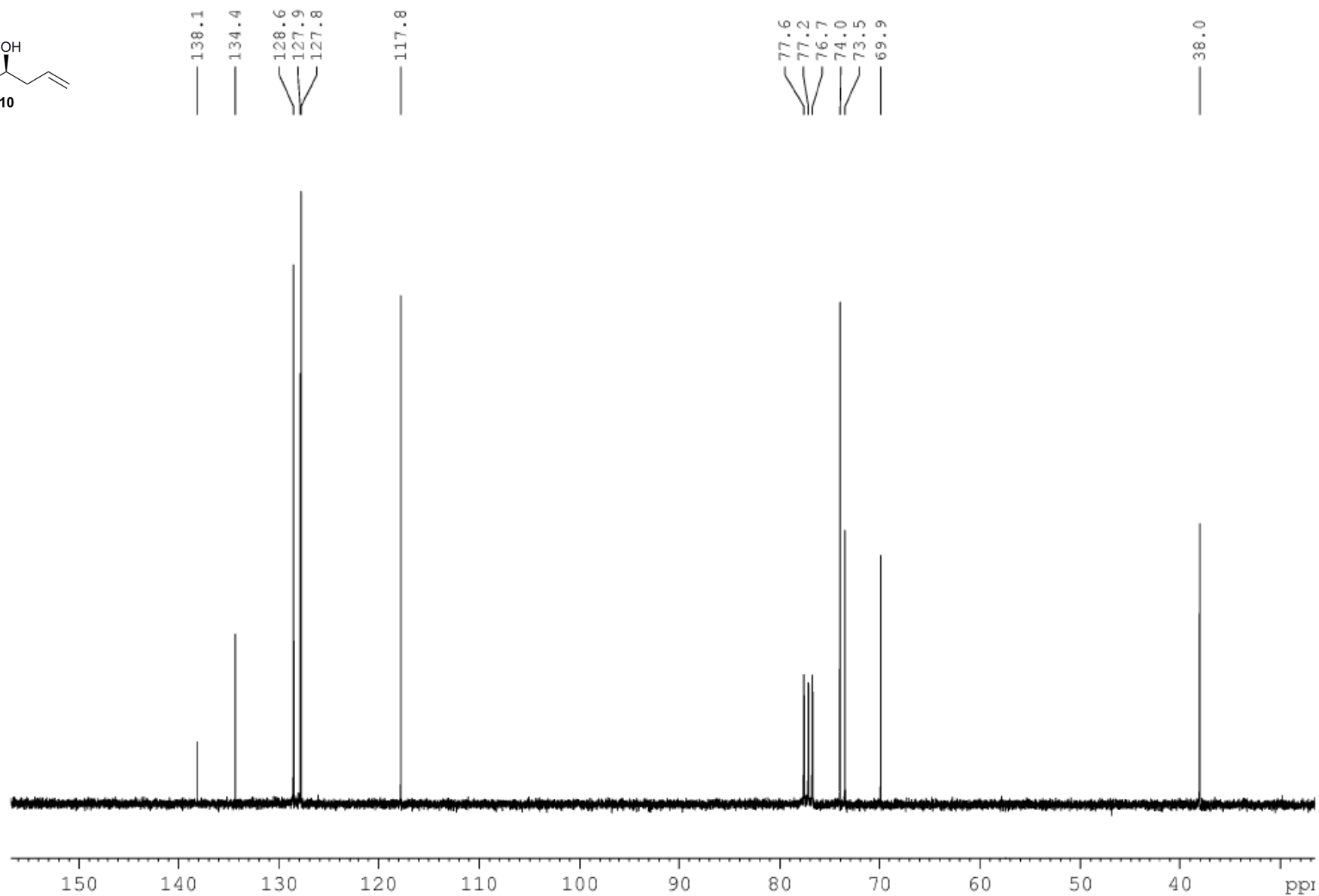
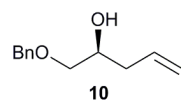
Caroline L. Nesbitt and Christopher S. P. McErlean*

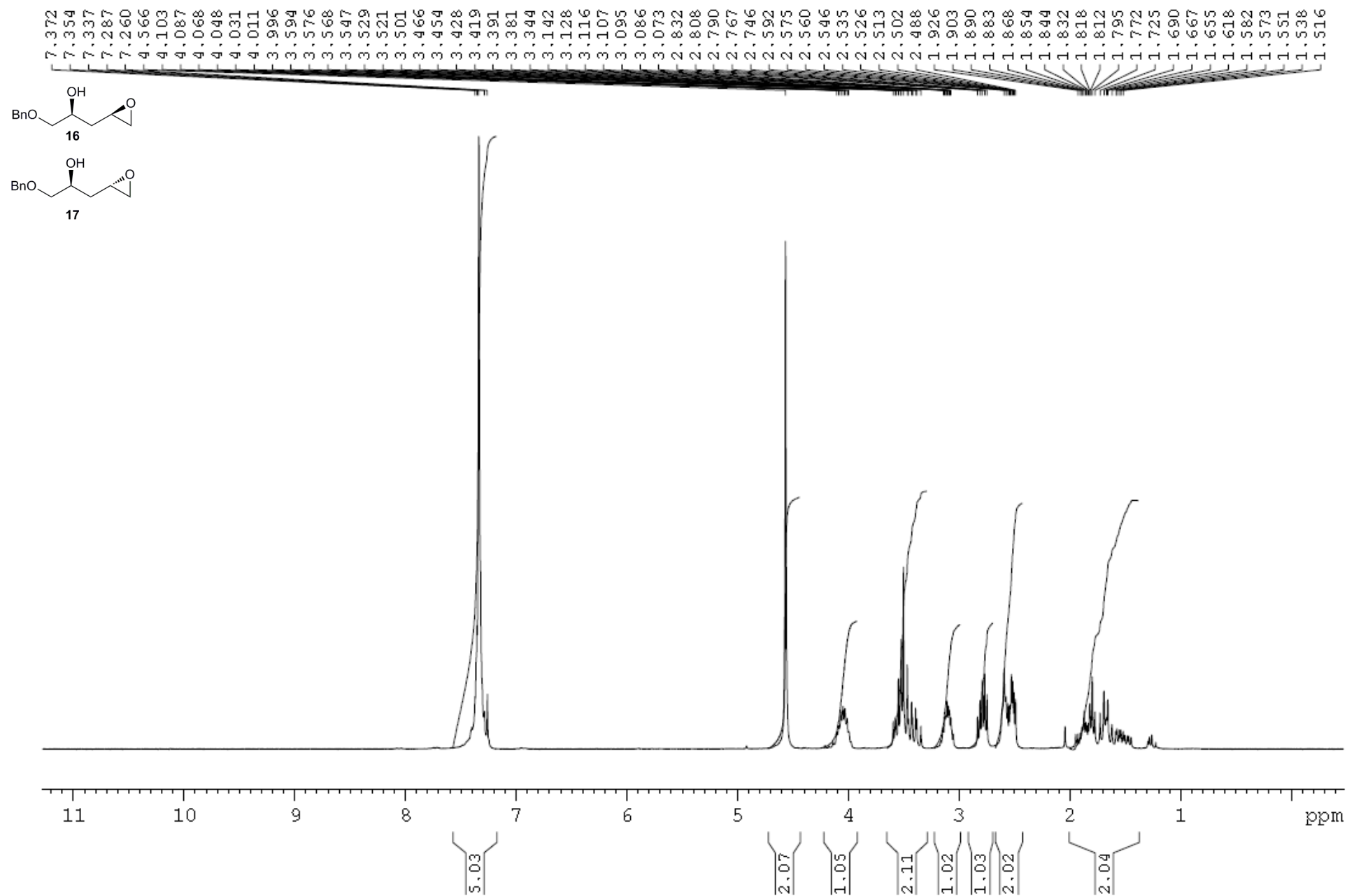
School of Chemistry, the University of Sydney, NSW, 2006, Australia.

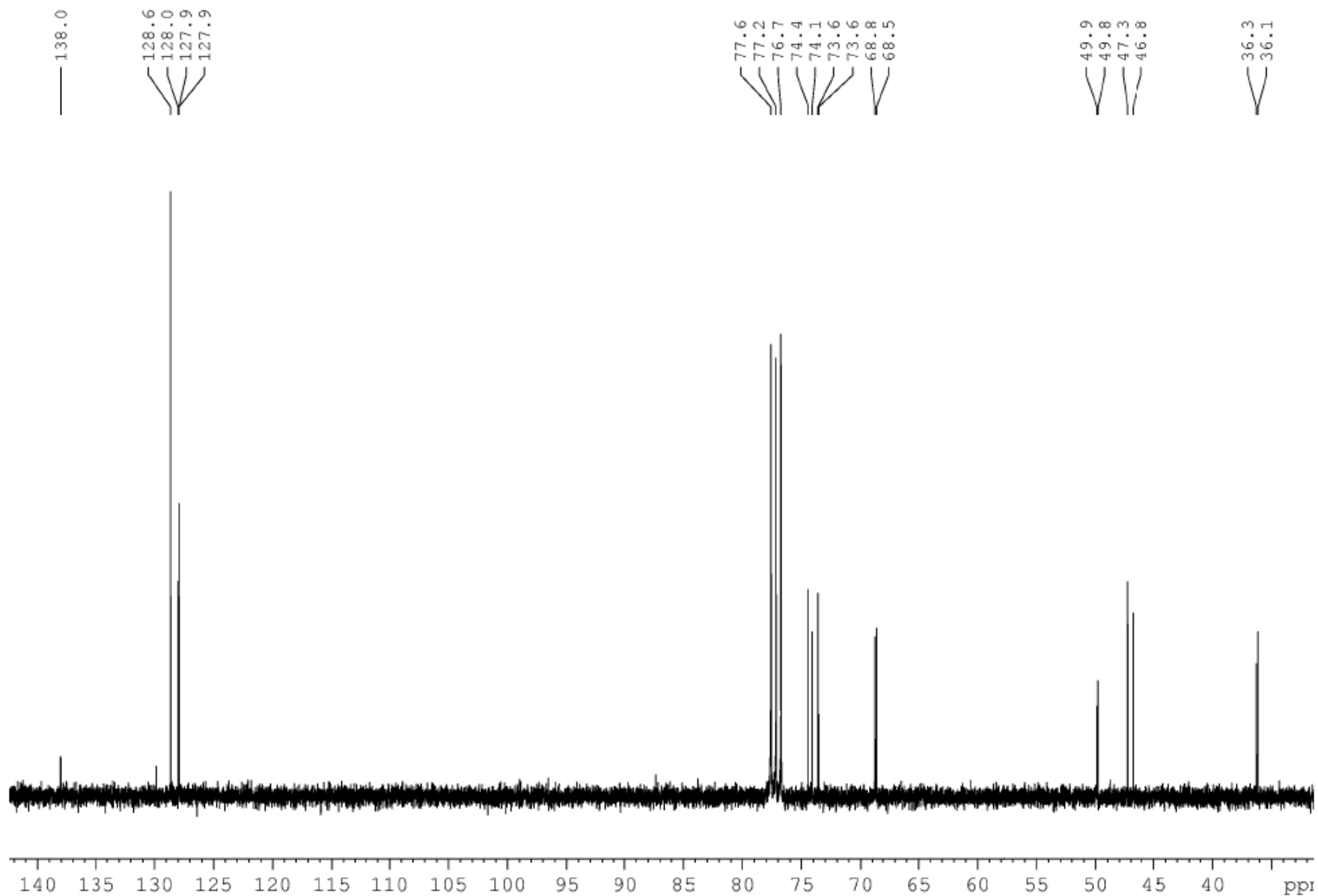
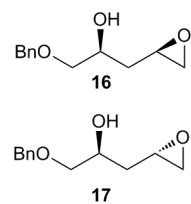
Fax: +61 2 9351 3329; Tel: +61 2 9351 3970;

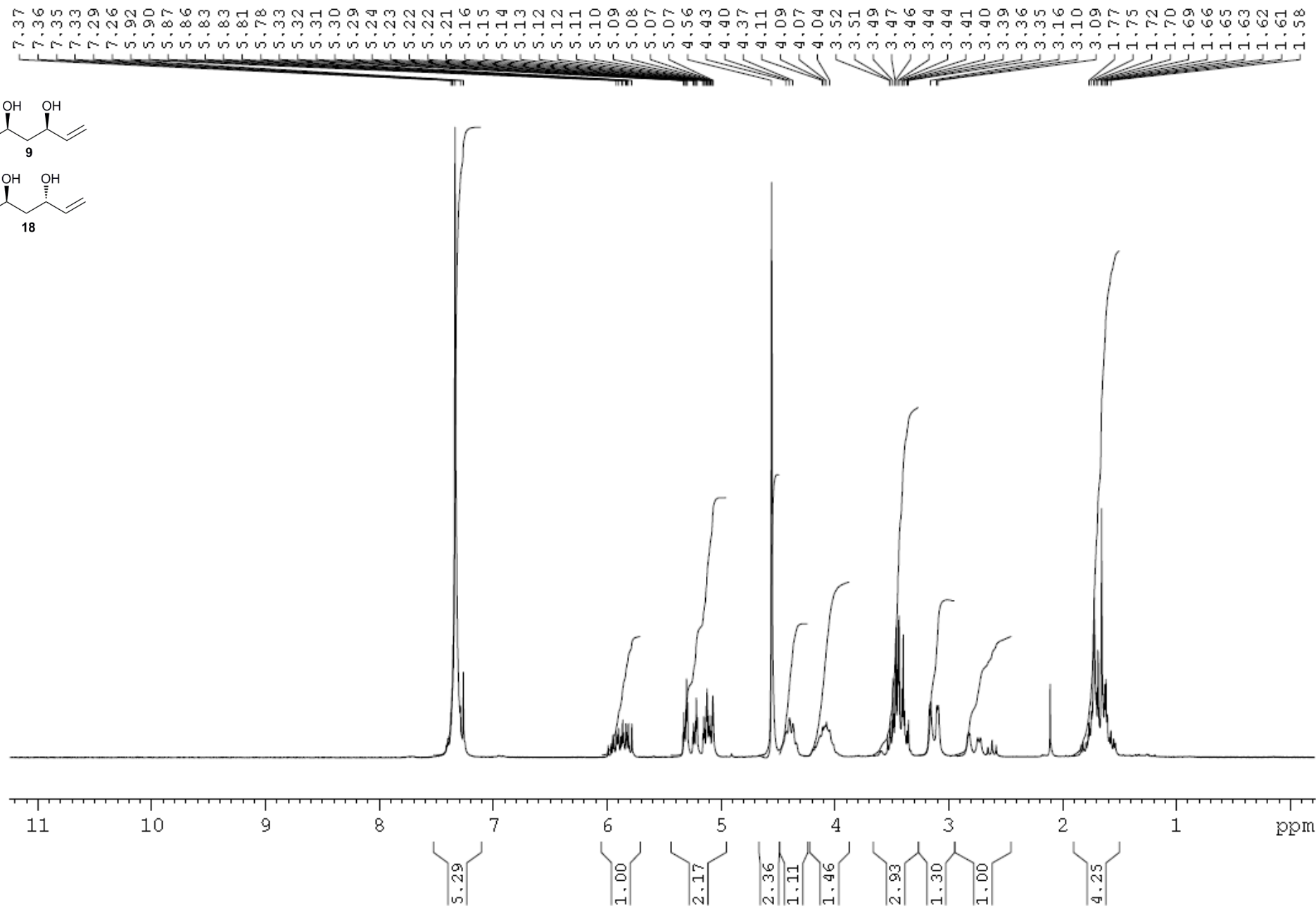
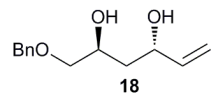
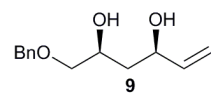
E-mail: christopher.mcerlean@sydney.edu.au

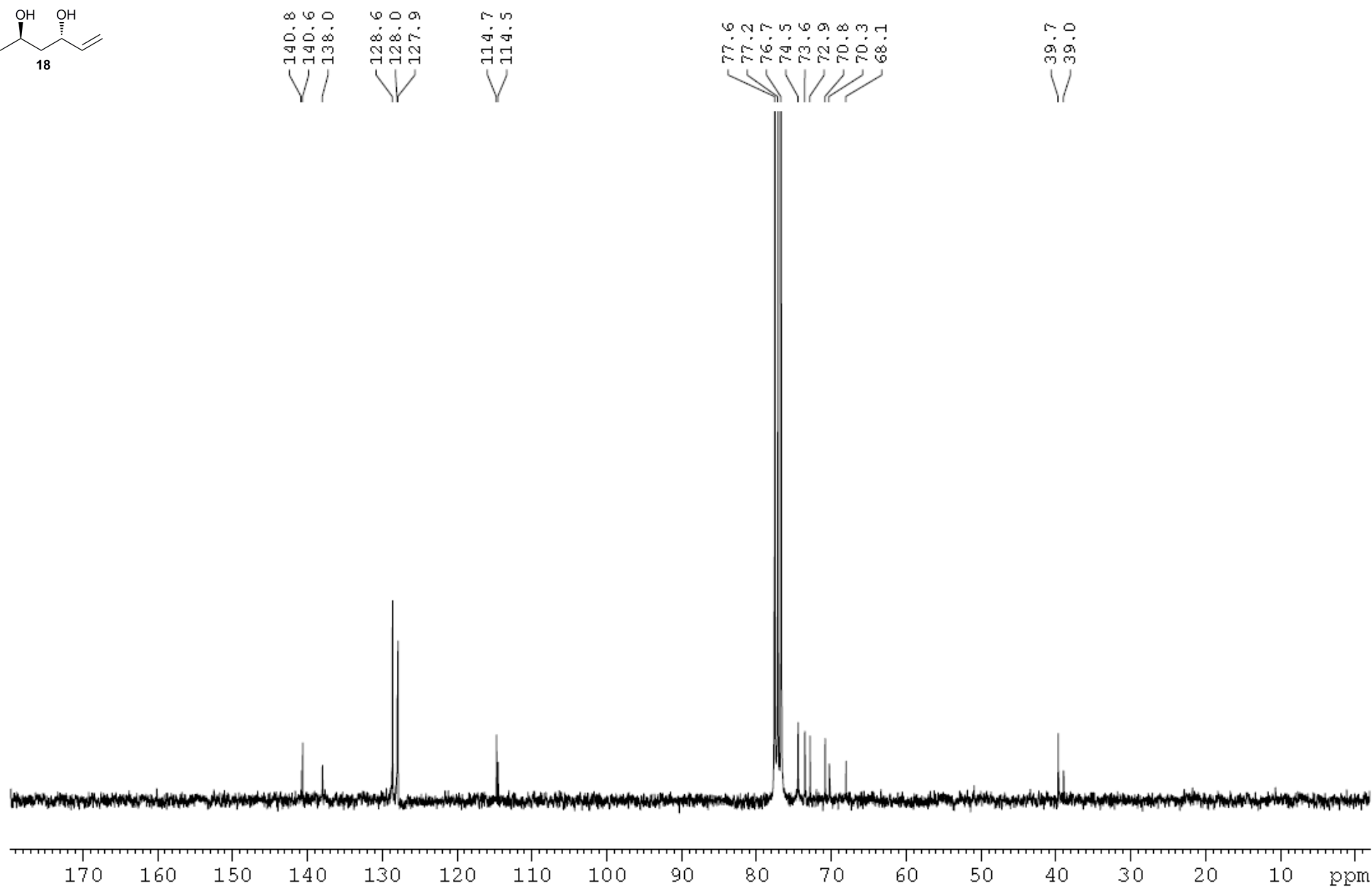
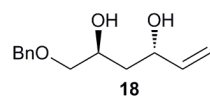
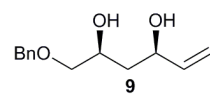


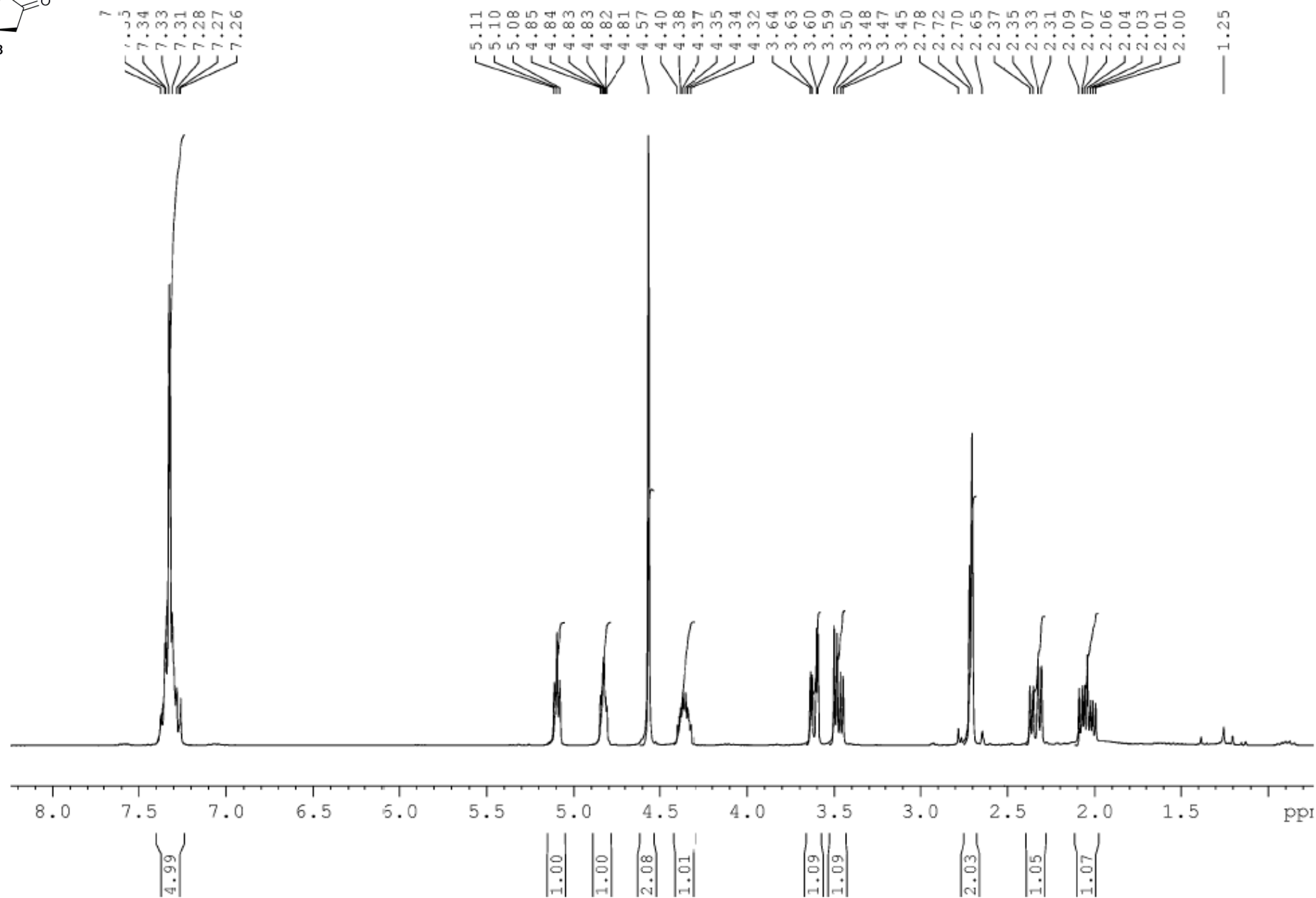
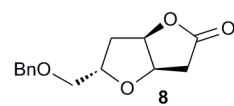


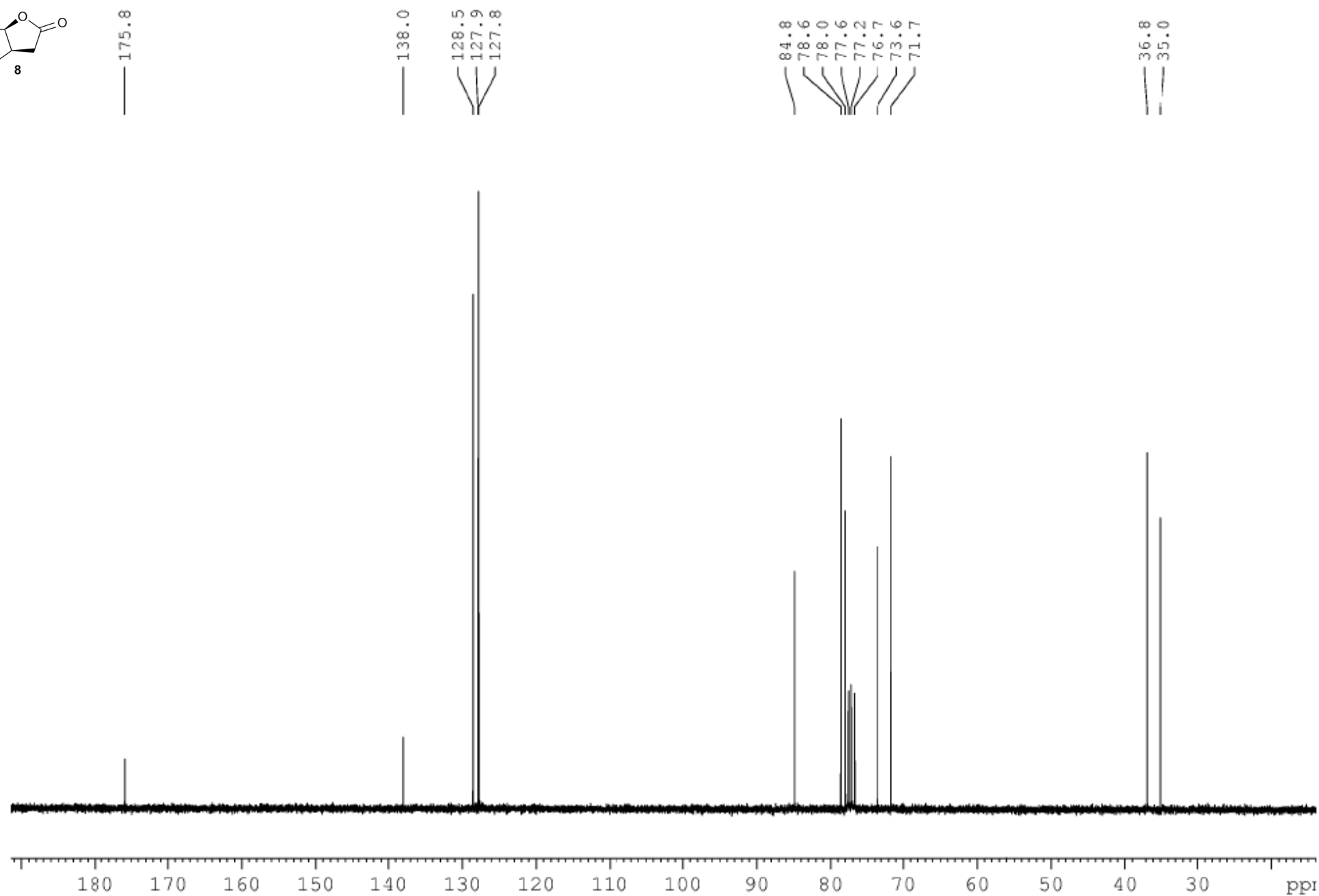
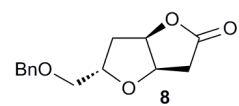


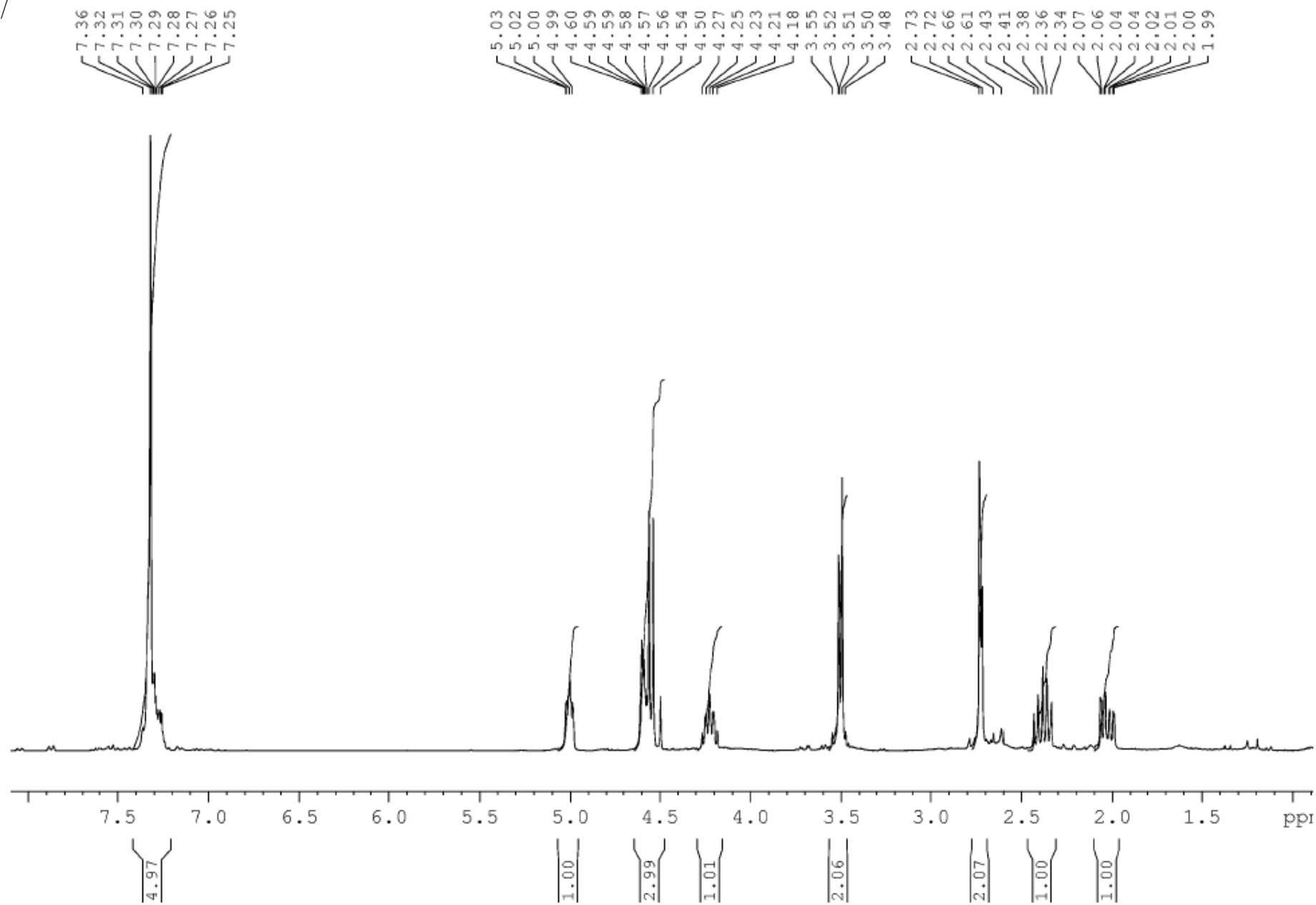
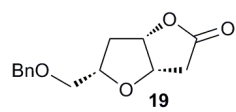


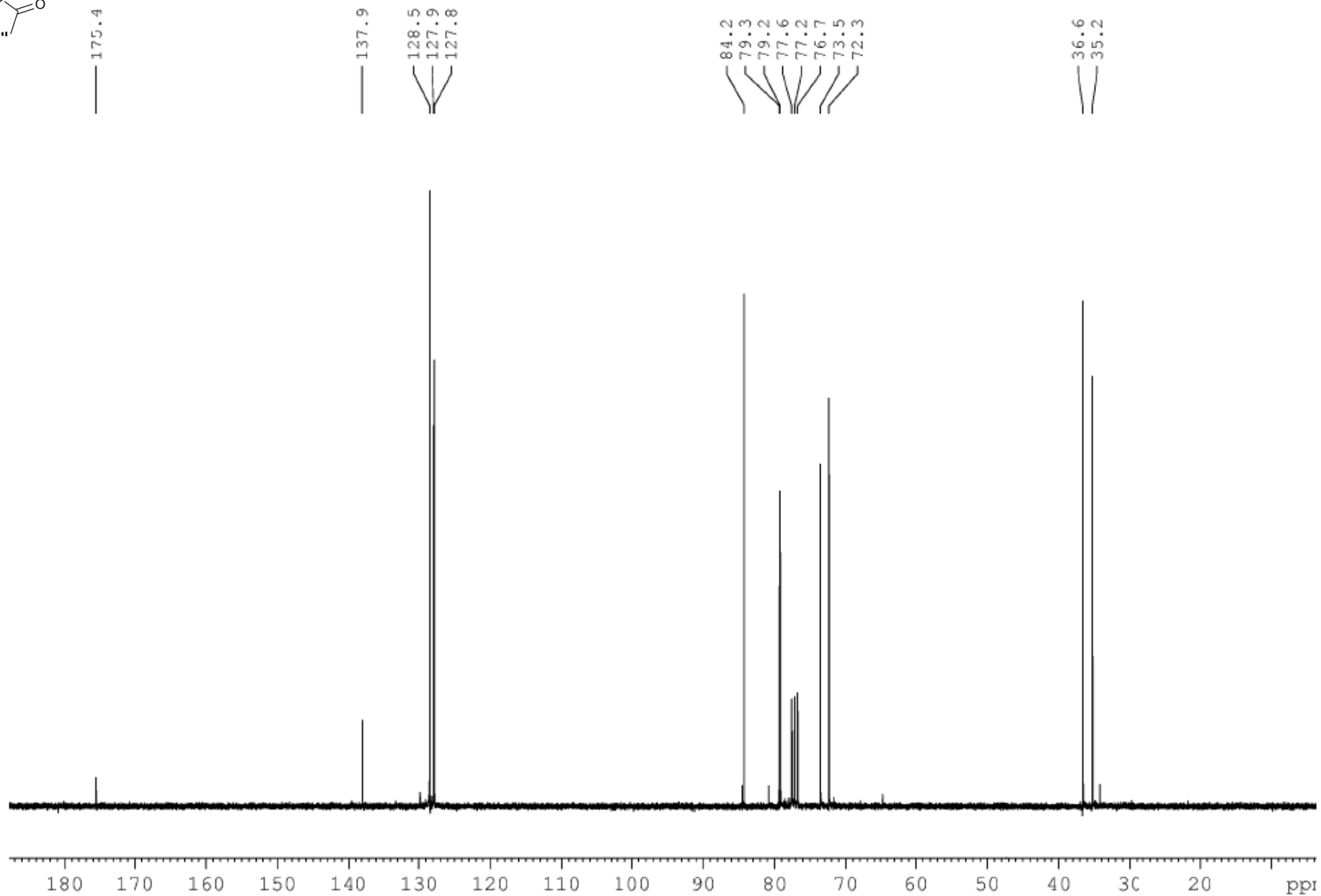
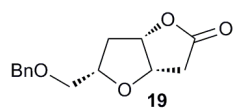


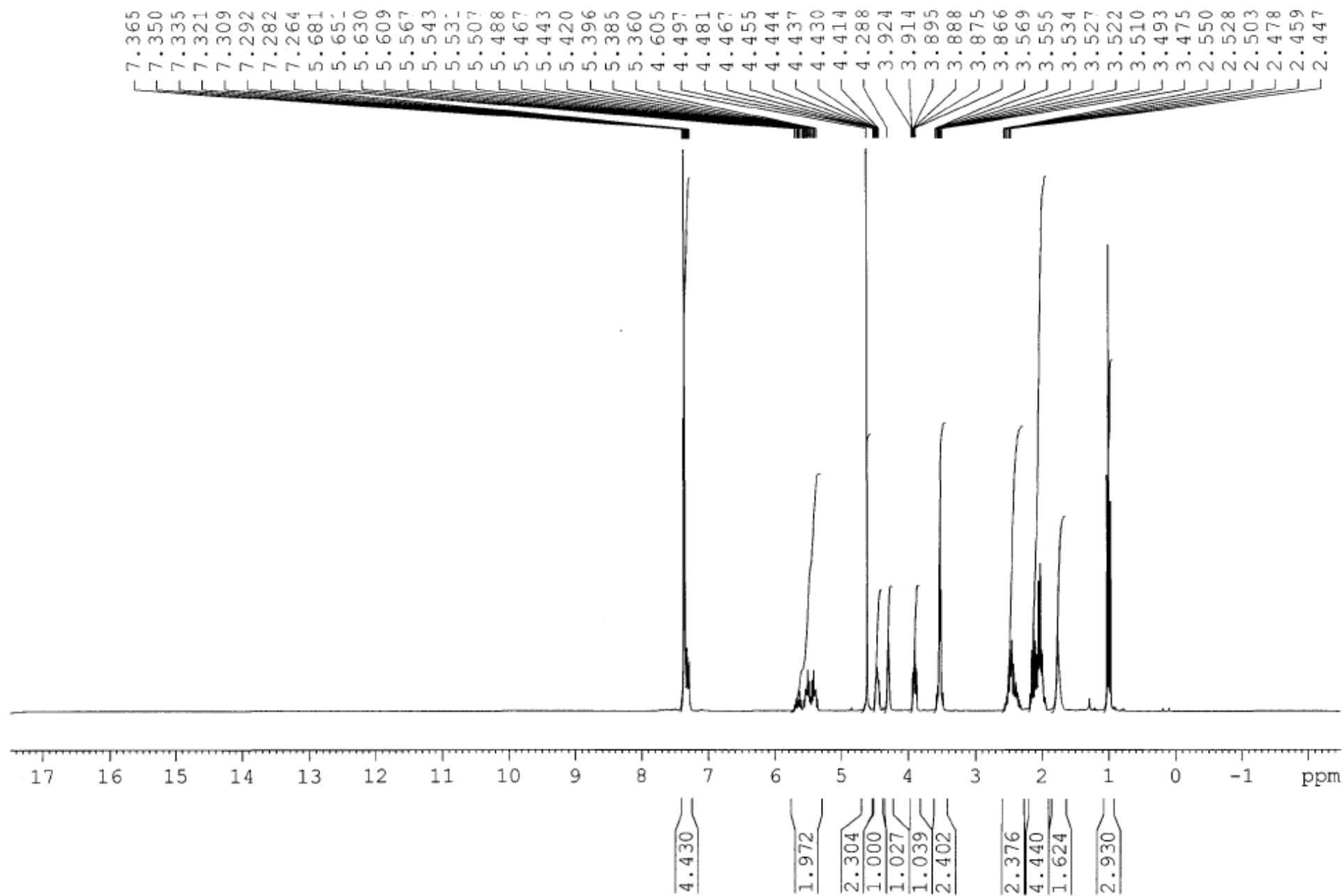
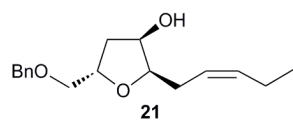


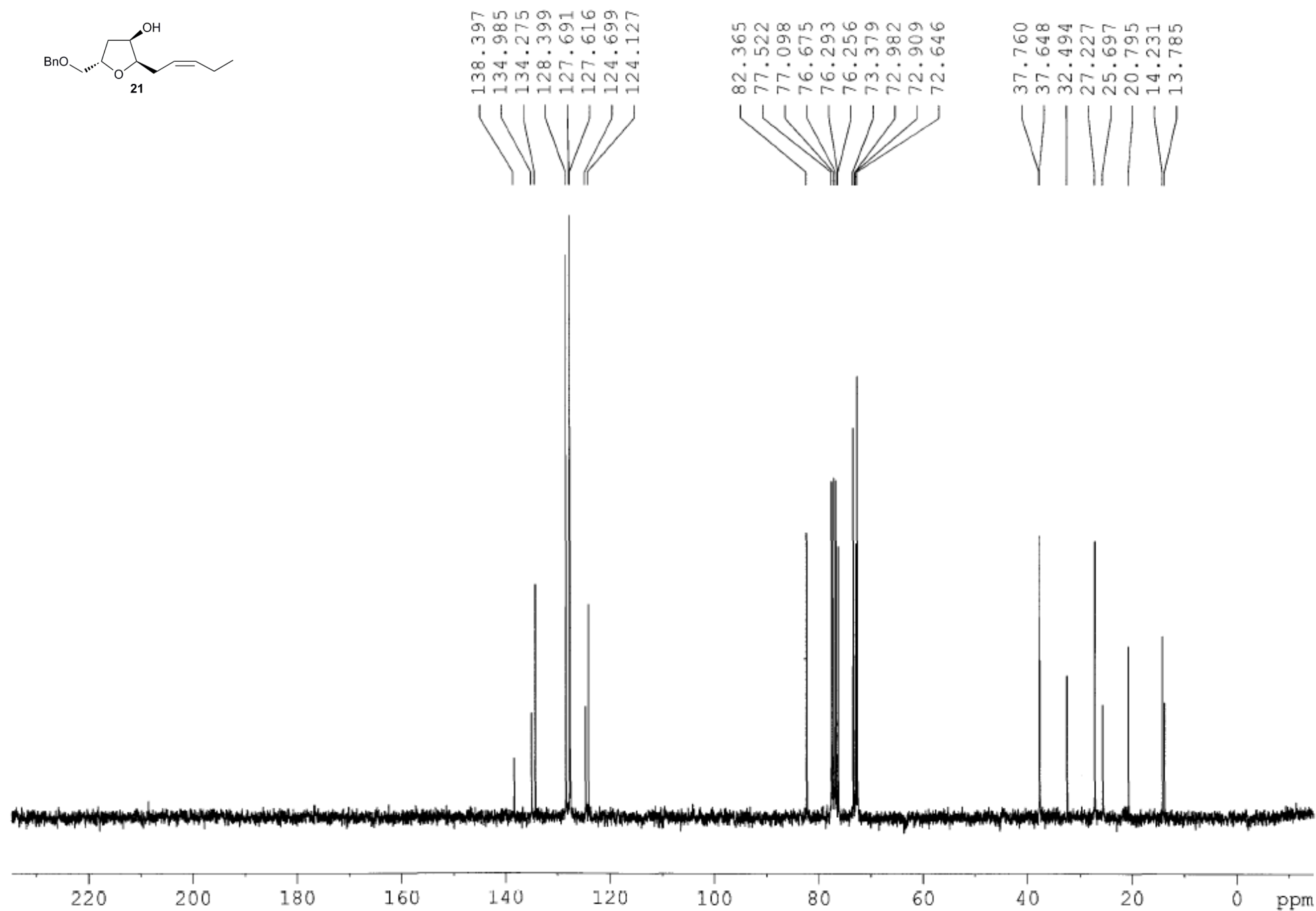
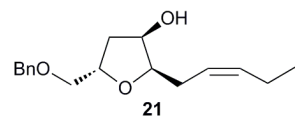


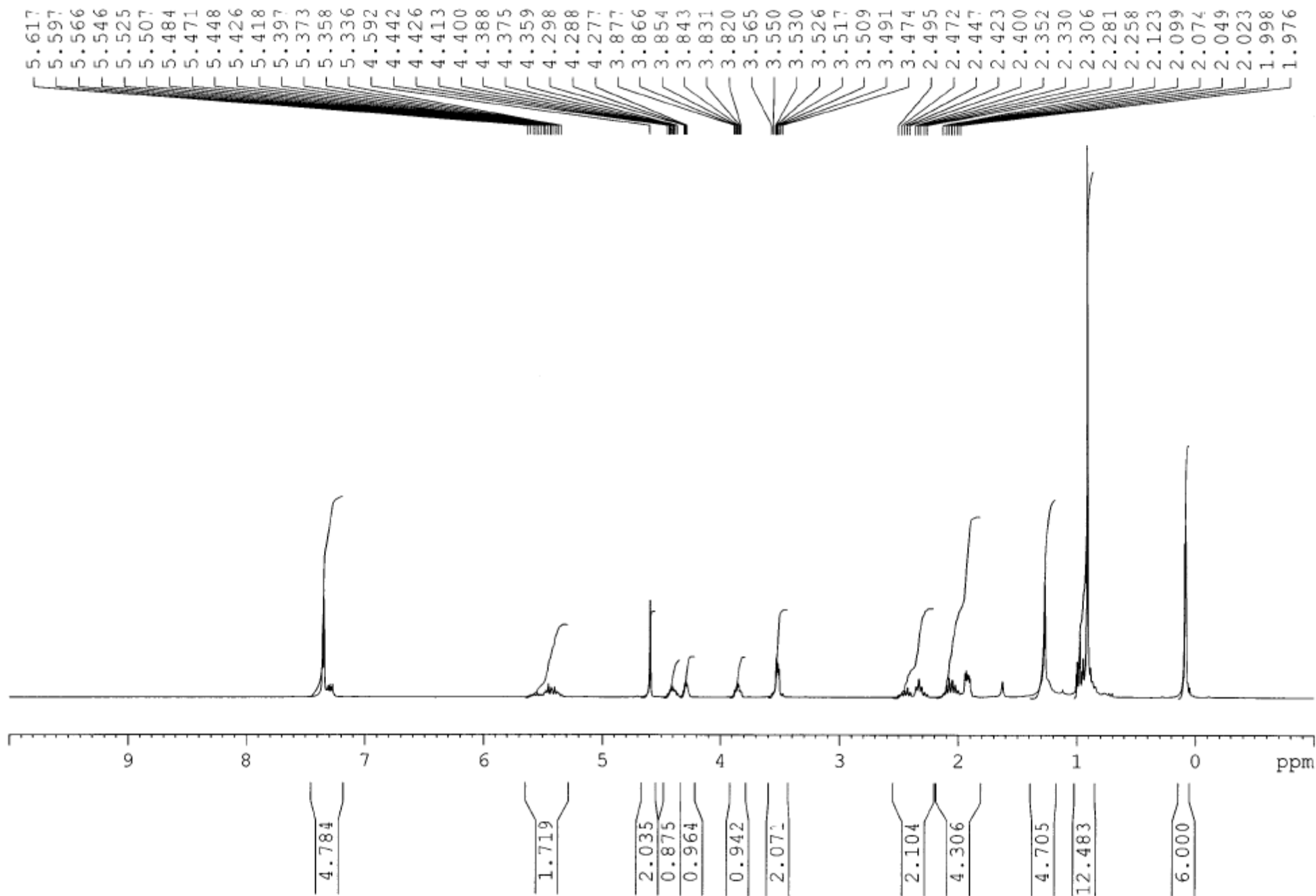
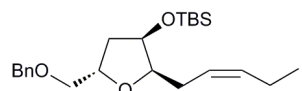


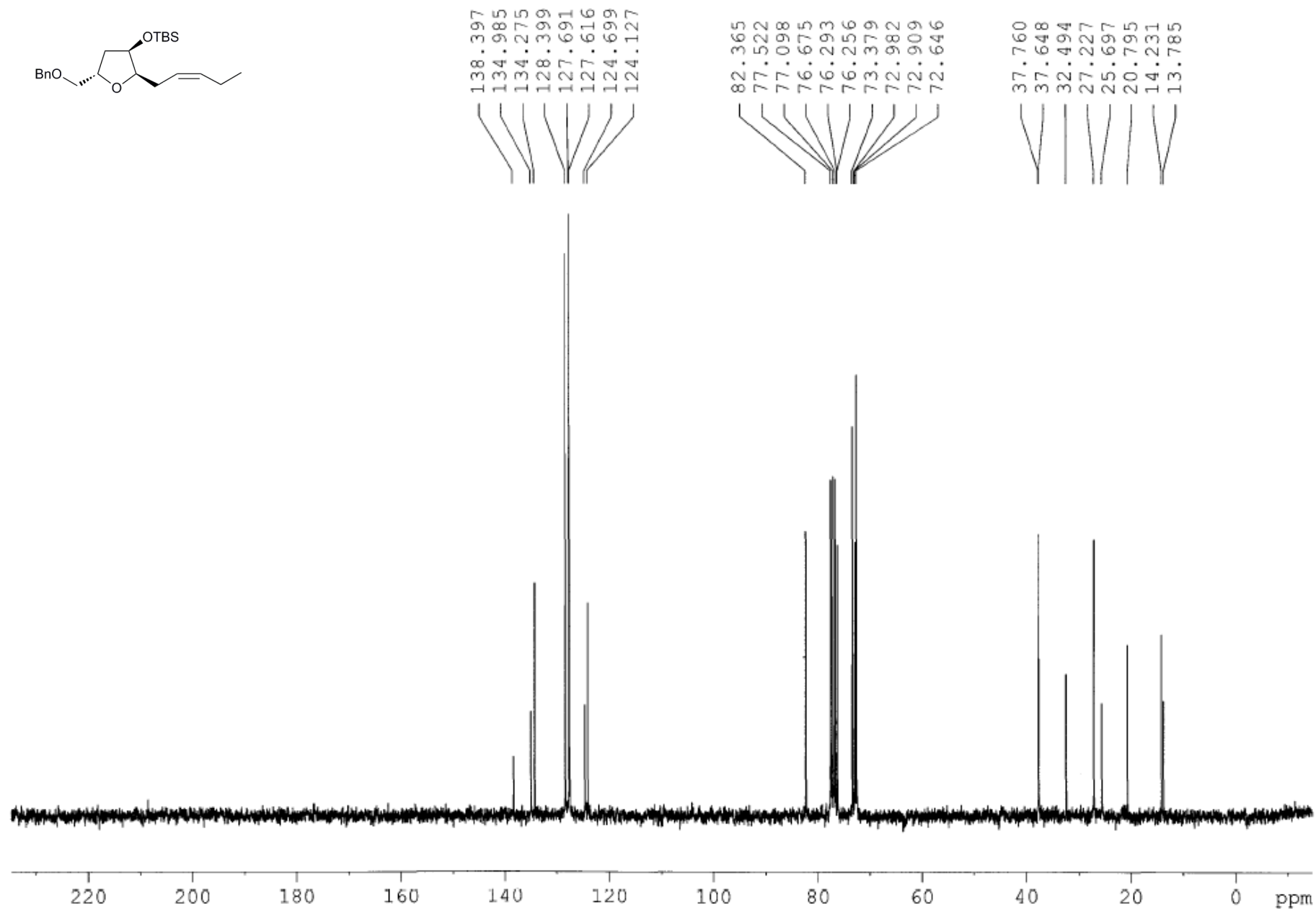
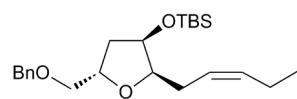


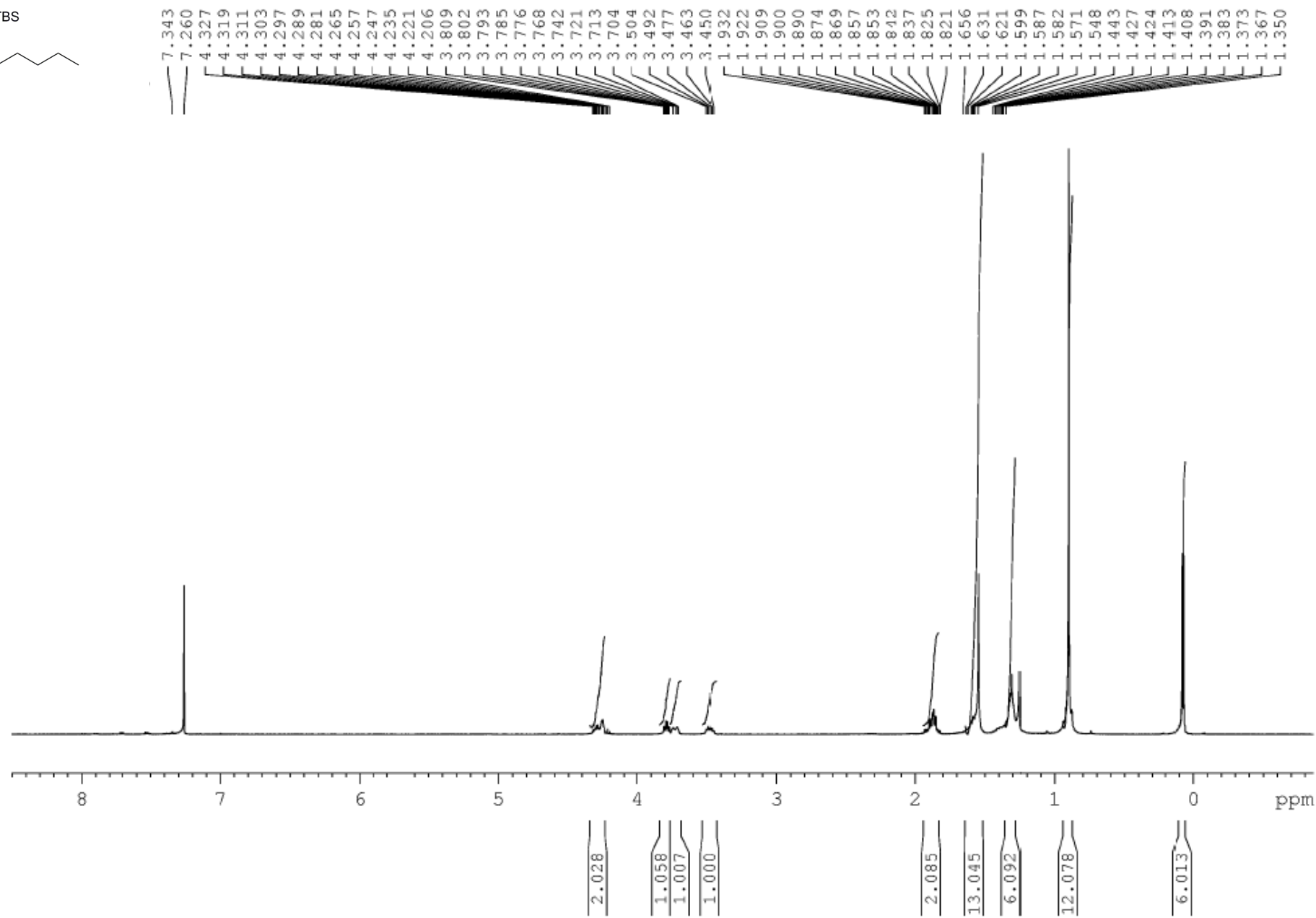
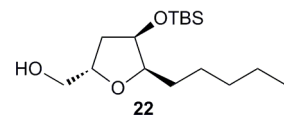


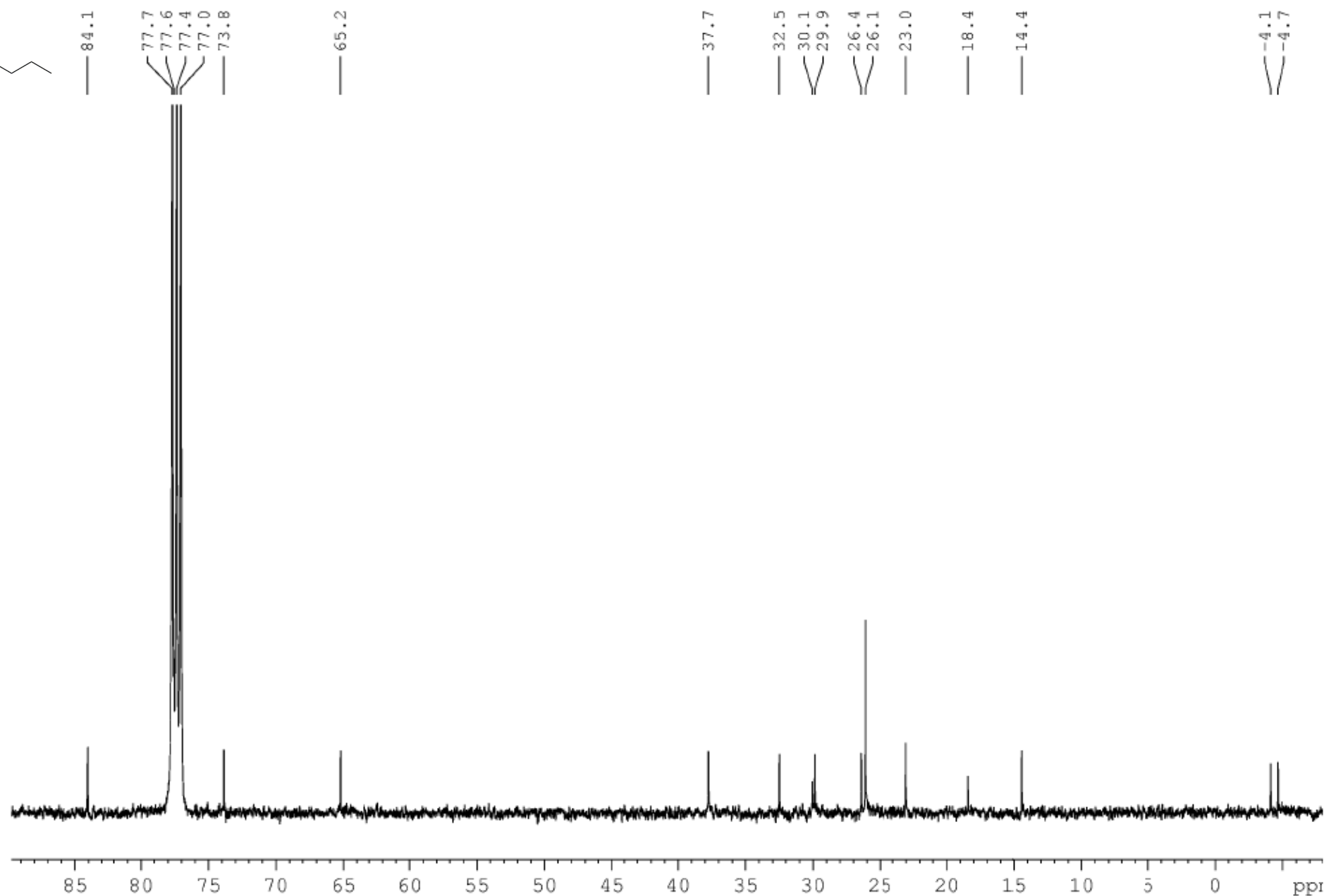
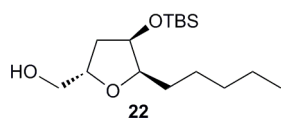


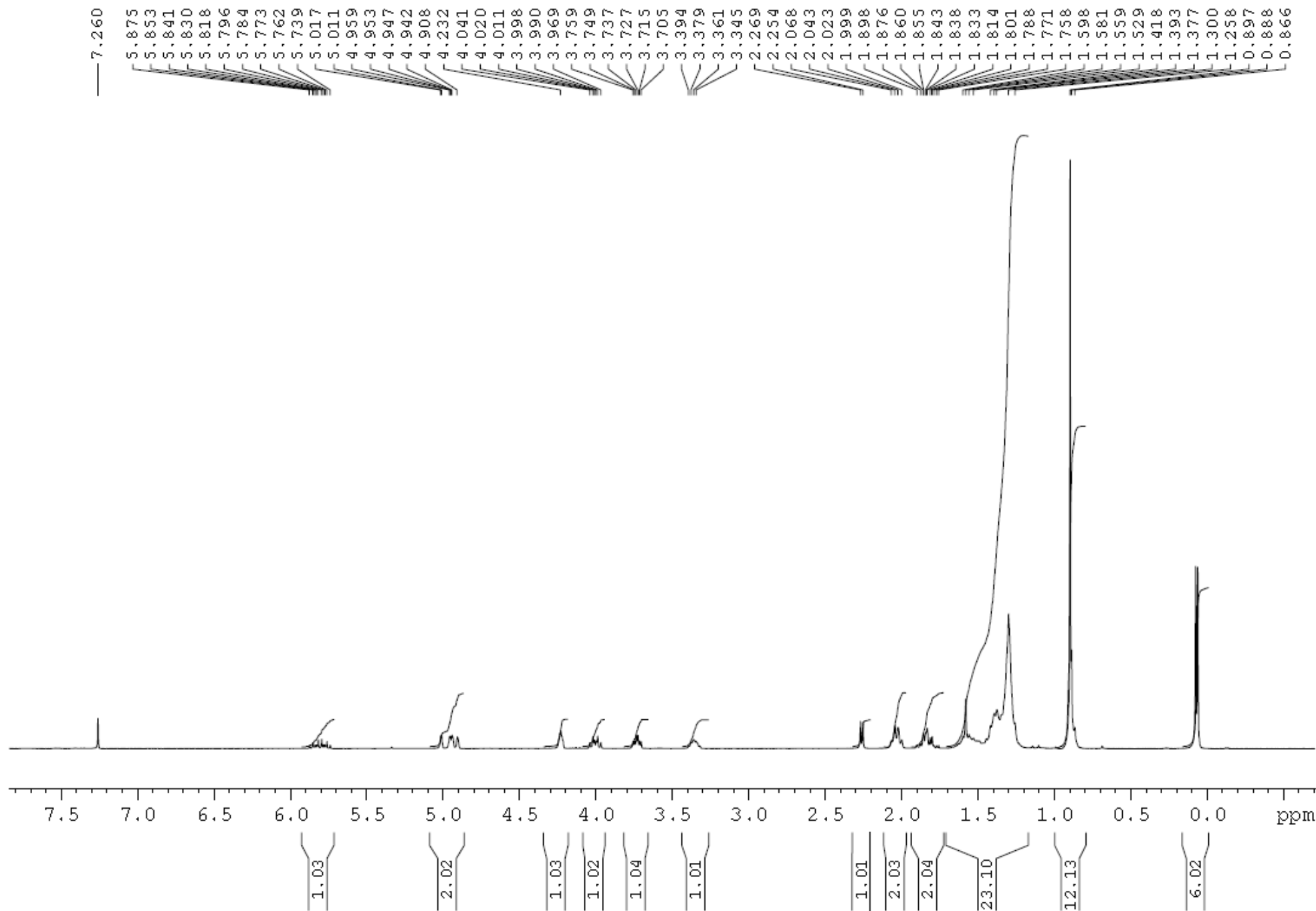
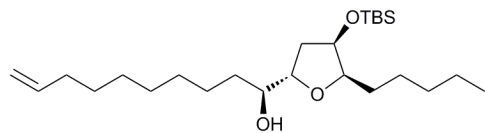


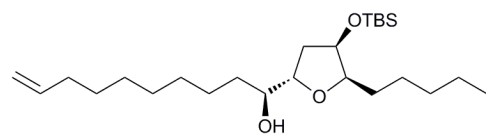












—139.37

—114.25

—83.55

—80.44

—77.58

—76.73

—74.36

—73.77

38.62

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25.82

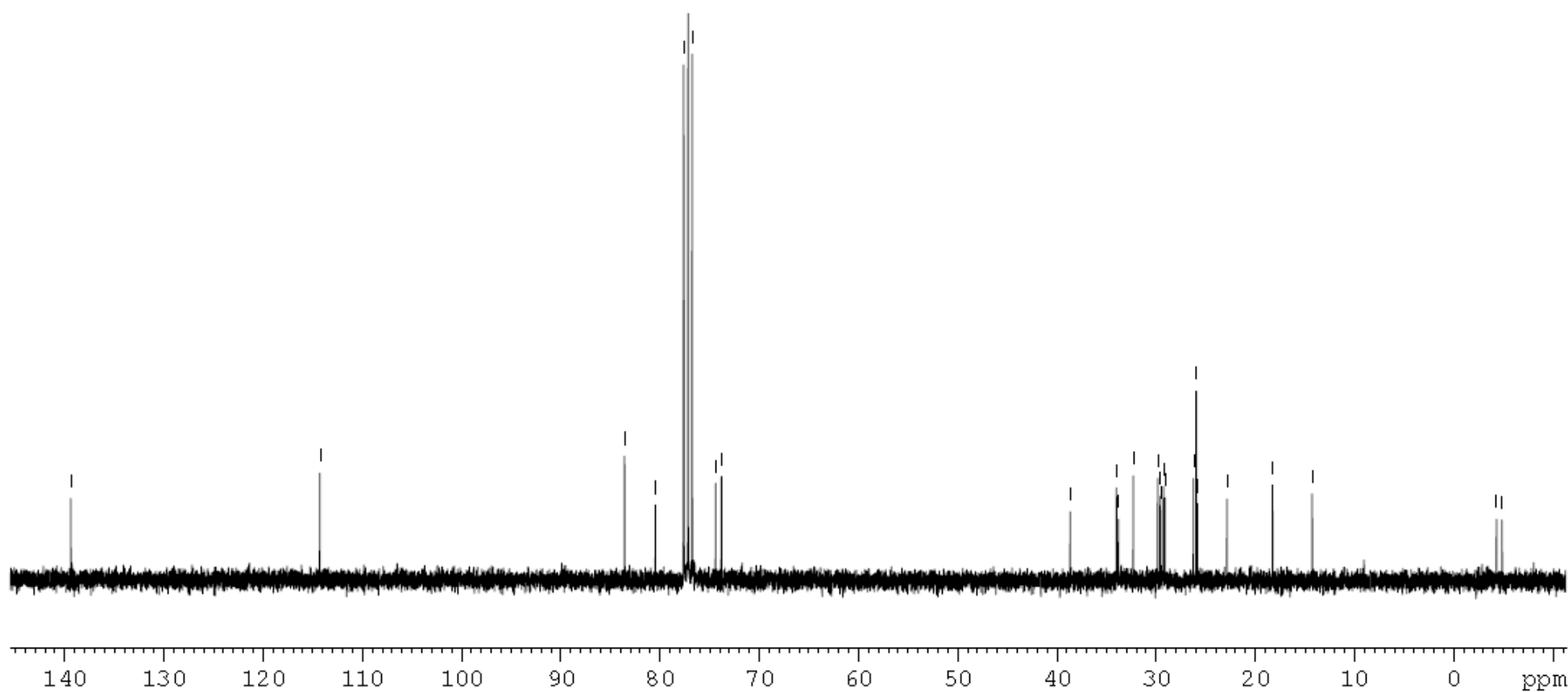
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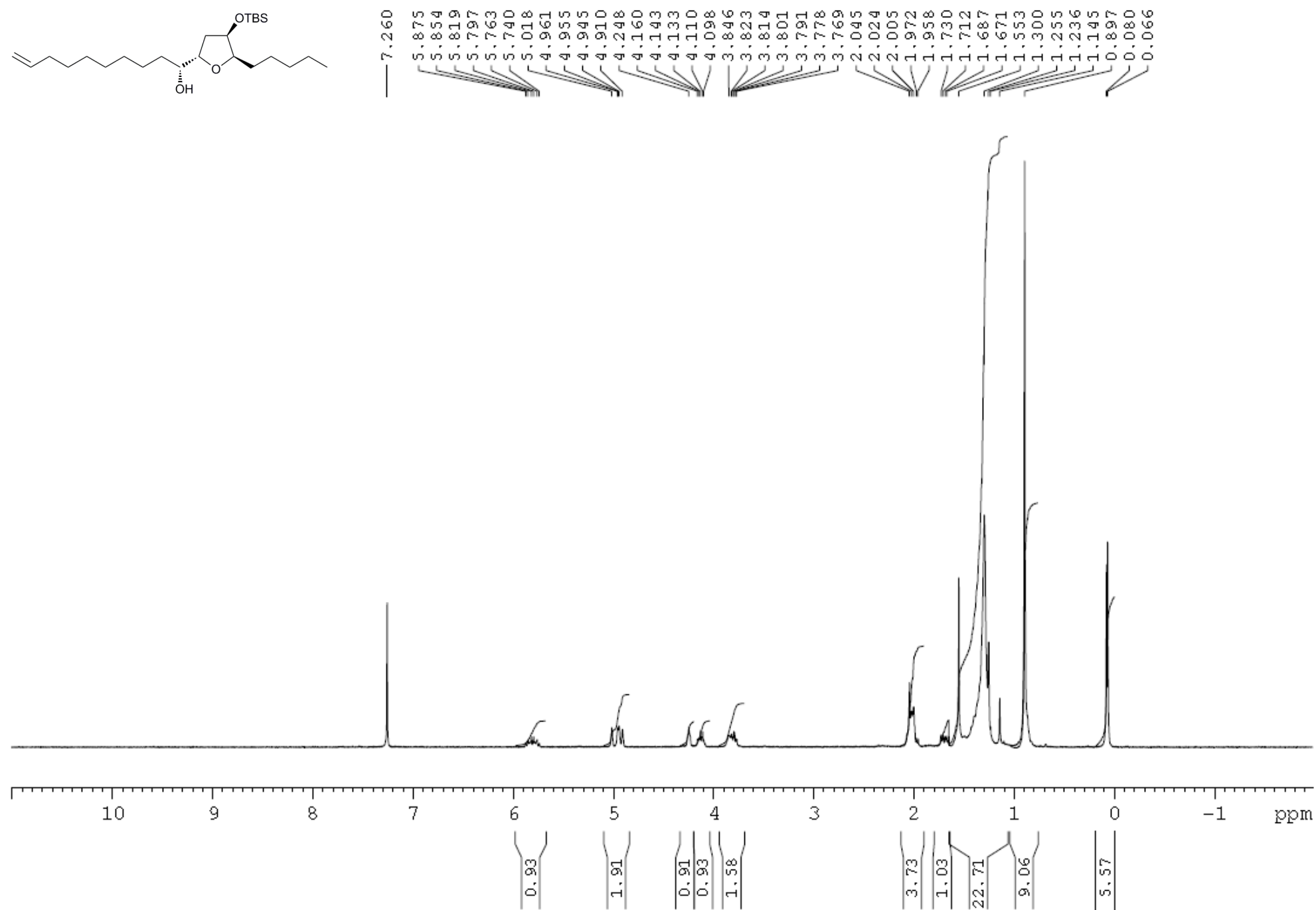
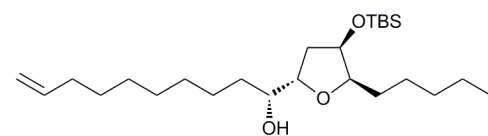
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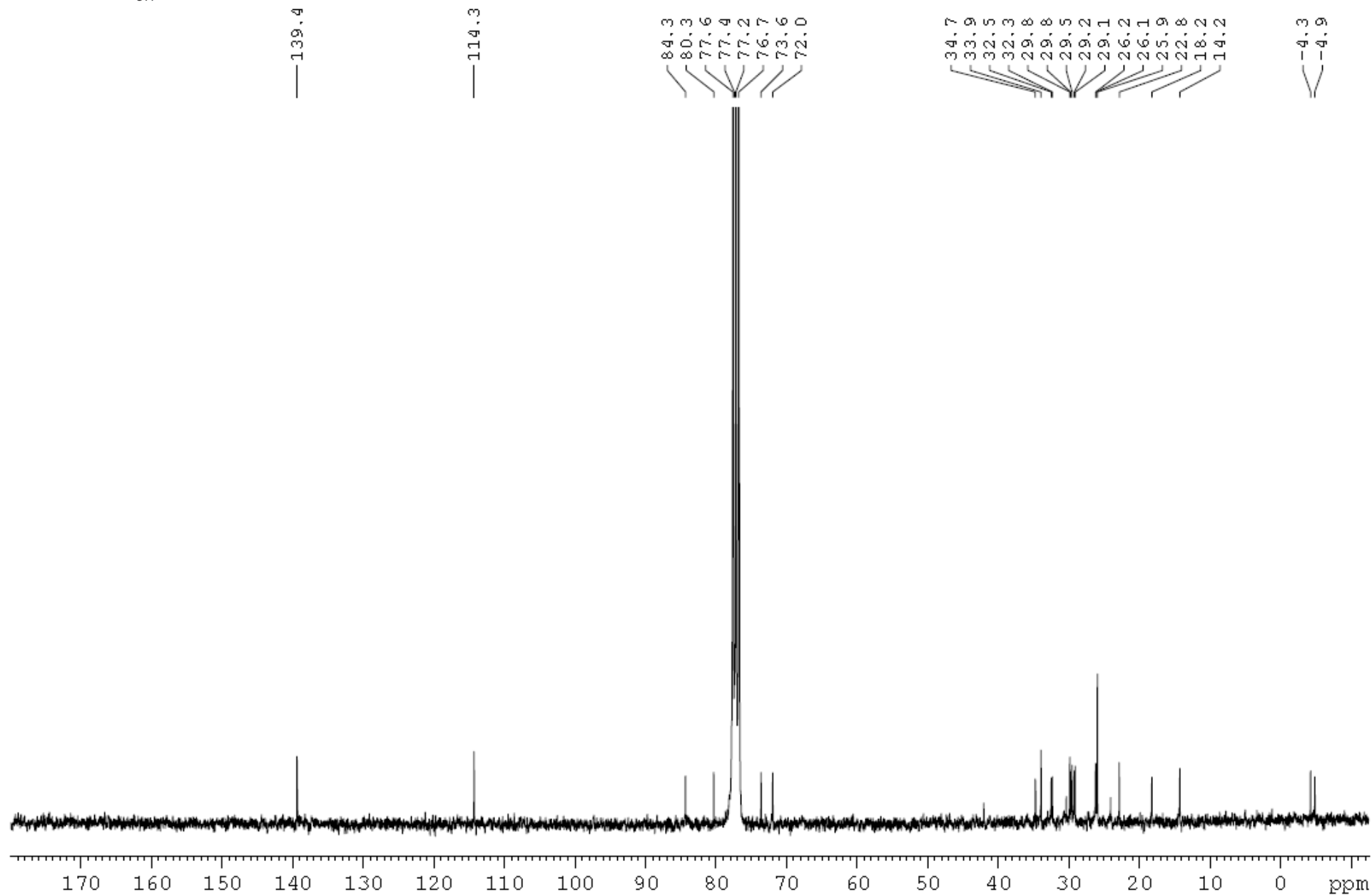
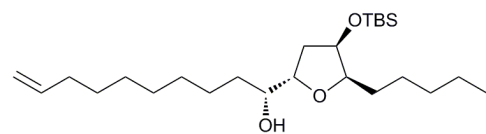
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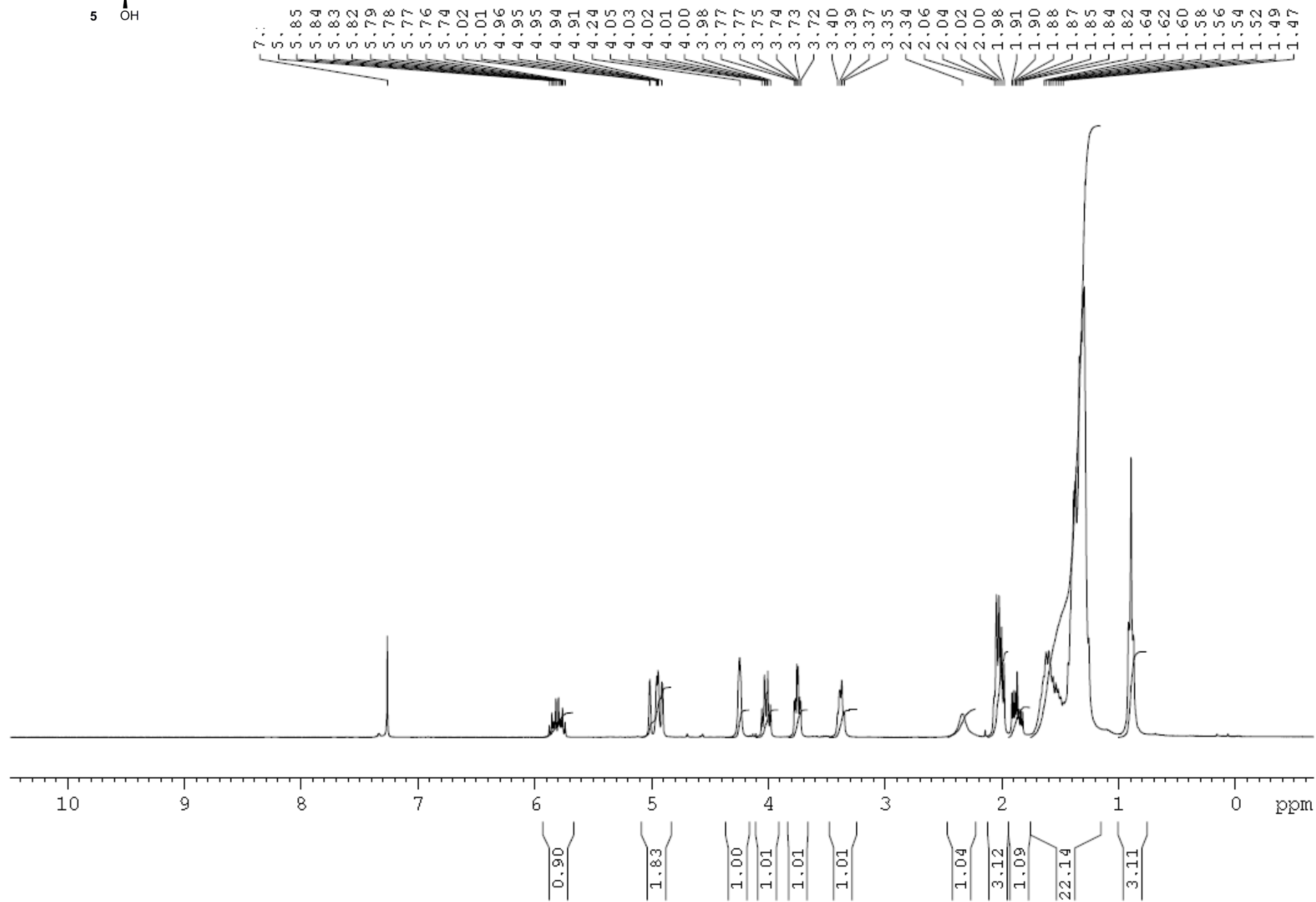
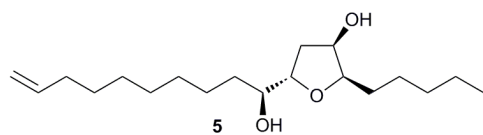
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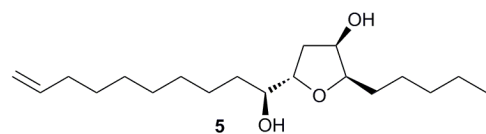
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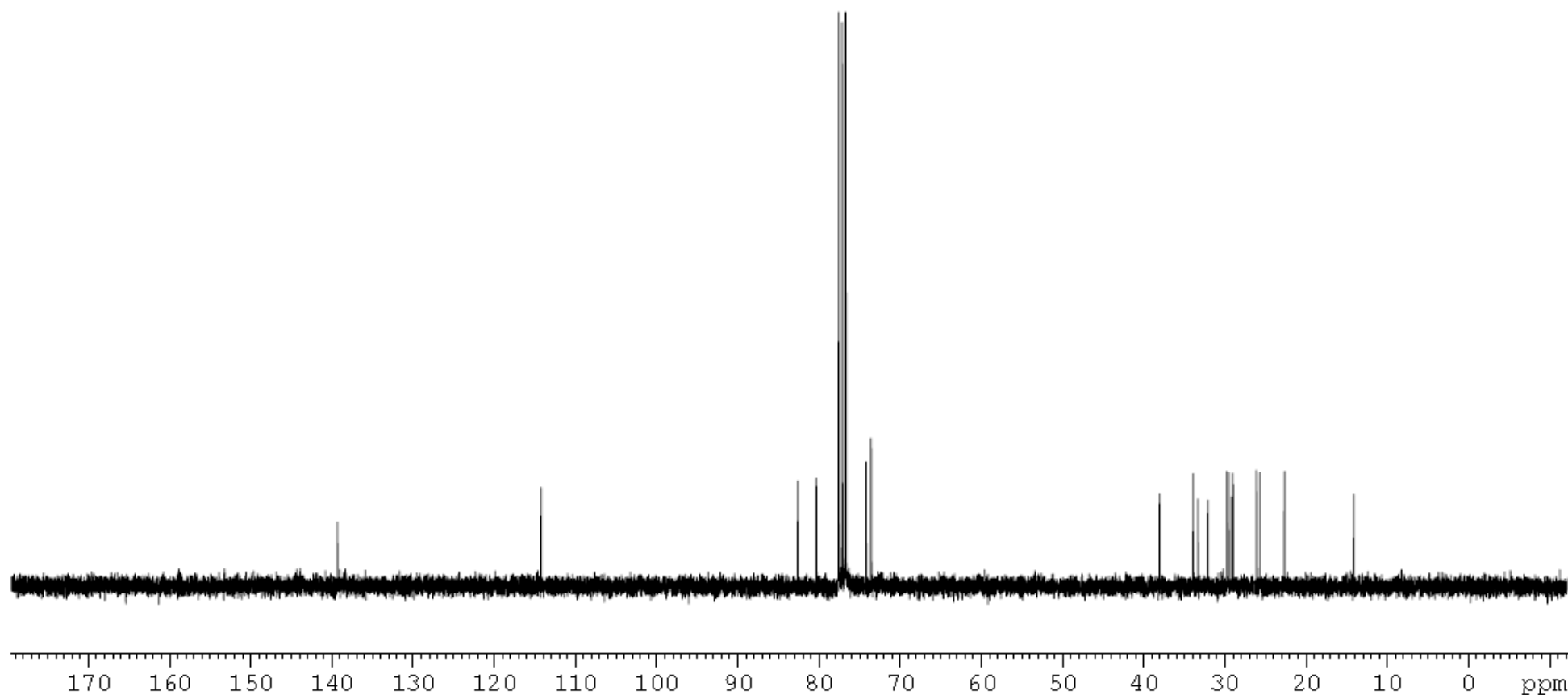


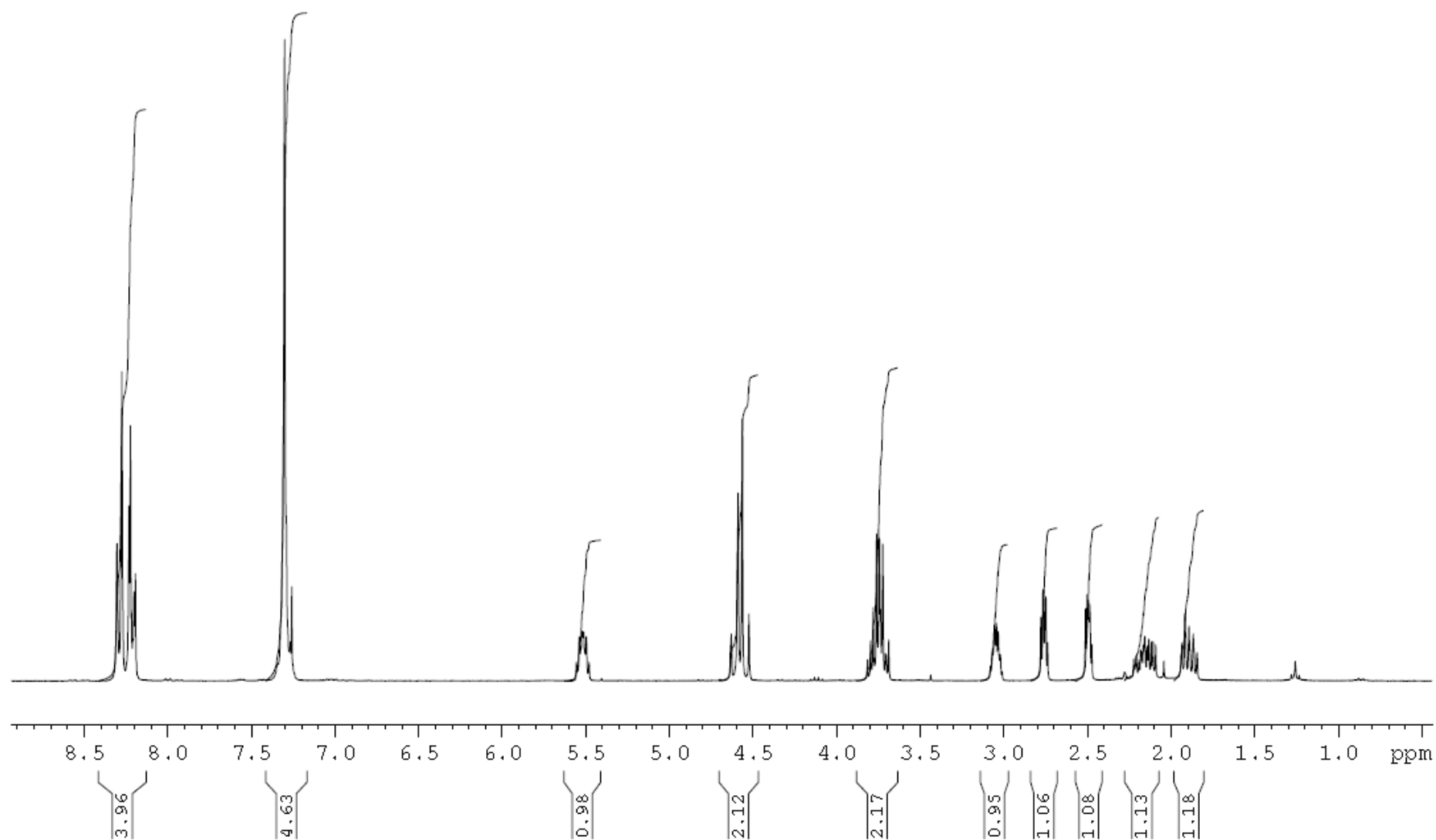
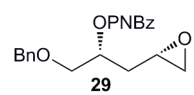
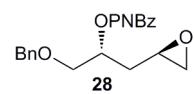
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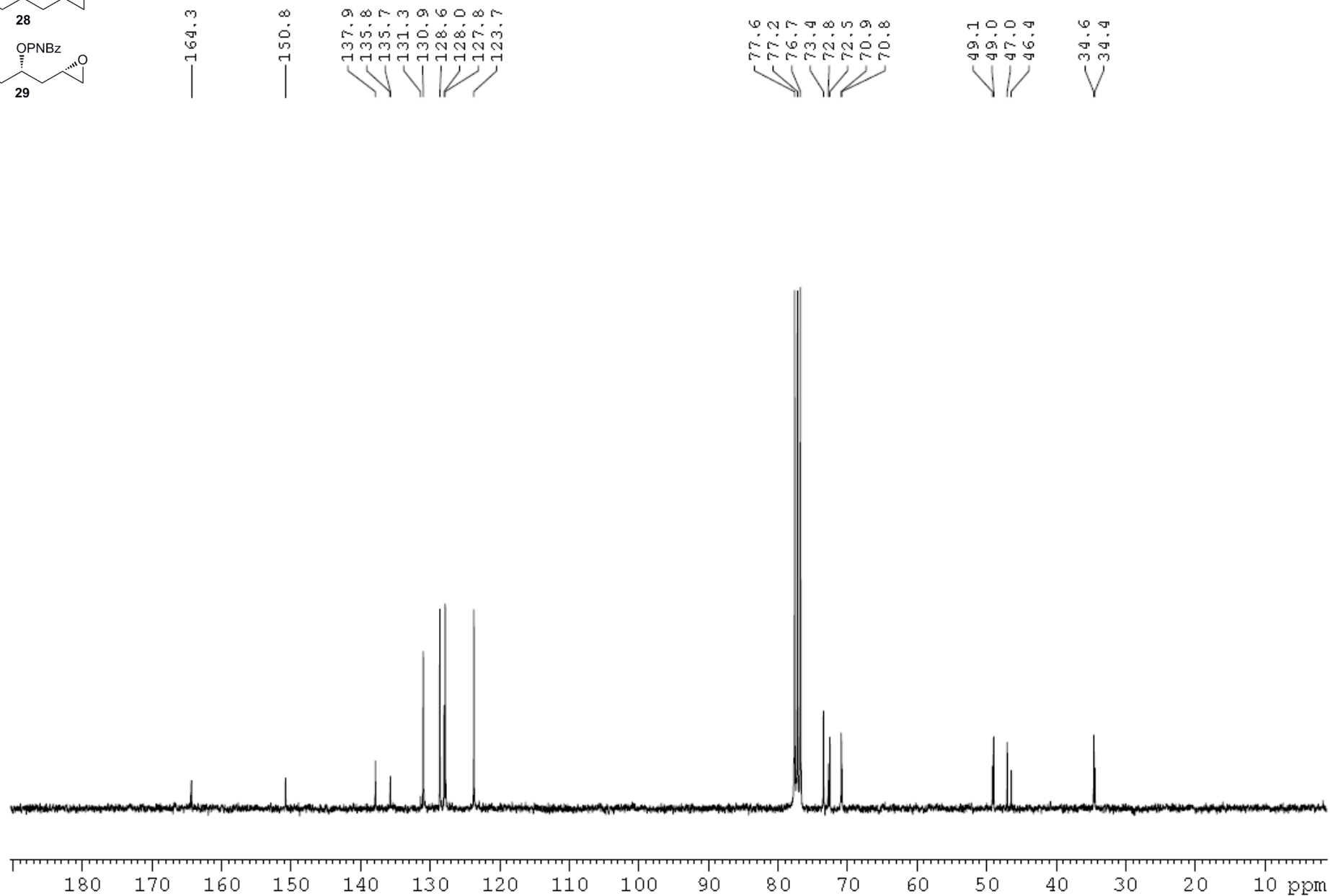
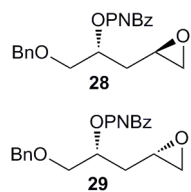
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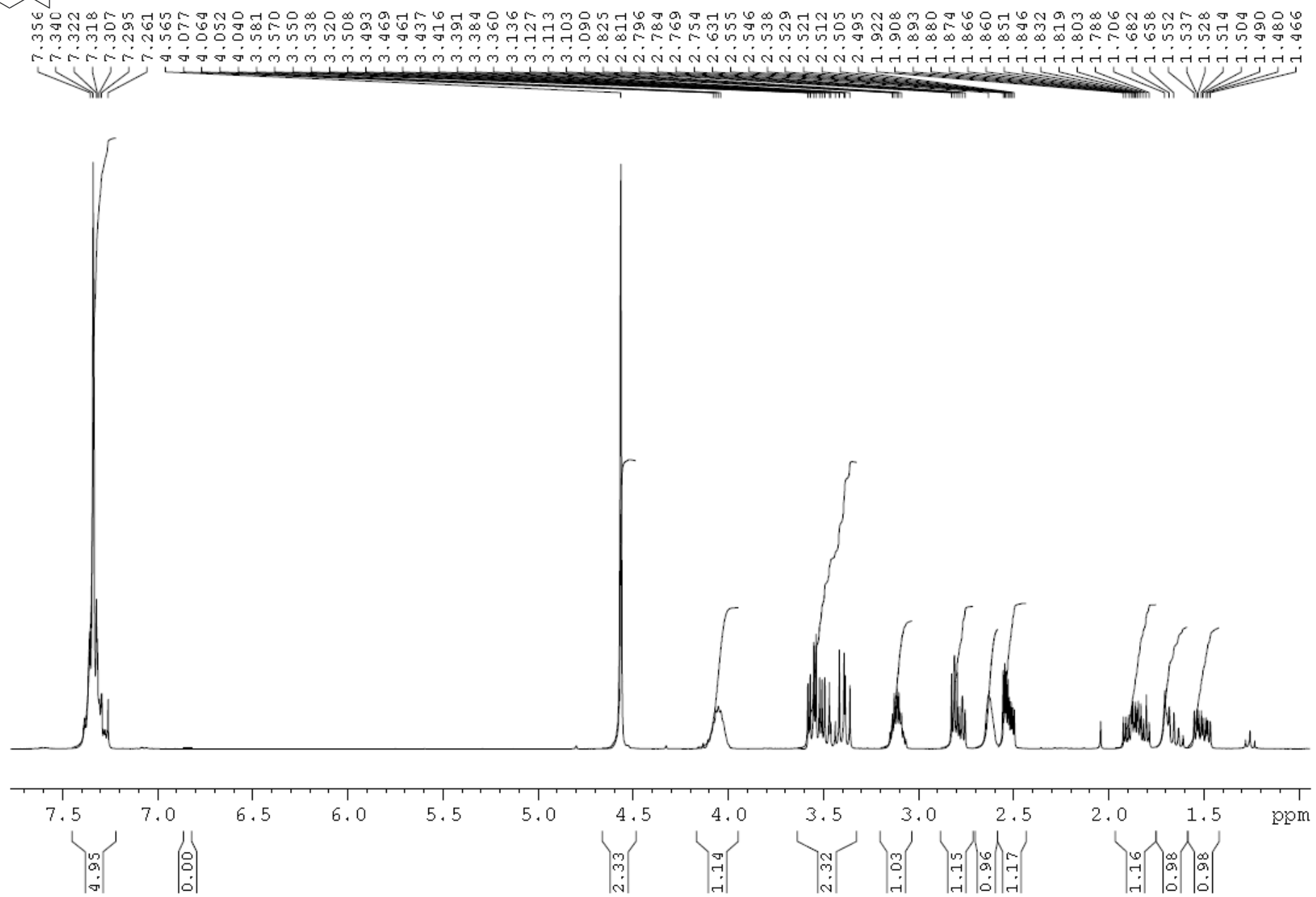
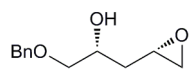
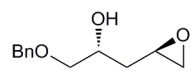
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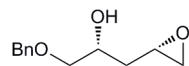
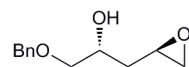
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14.2











138.00

128.60

127.96

127.88

77.58

77.36

77.16

76.74

74.42

74.11

73.52

68.73

68.50

49.85

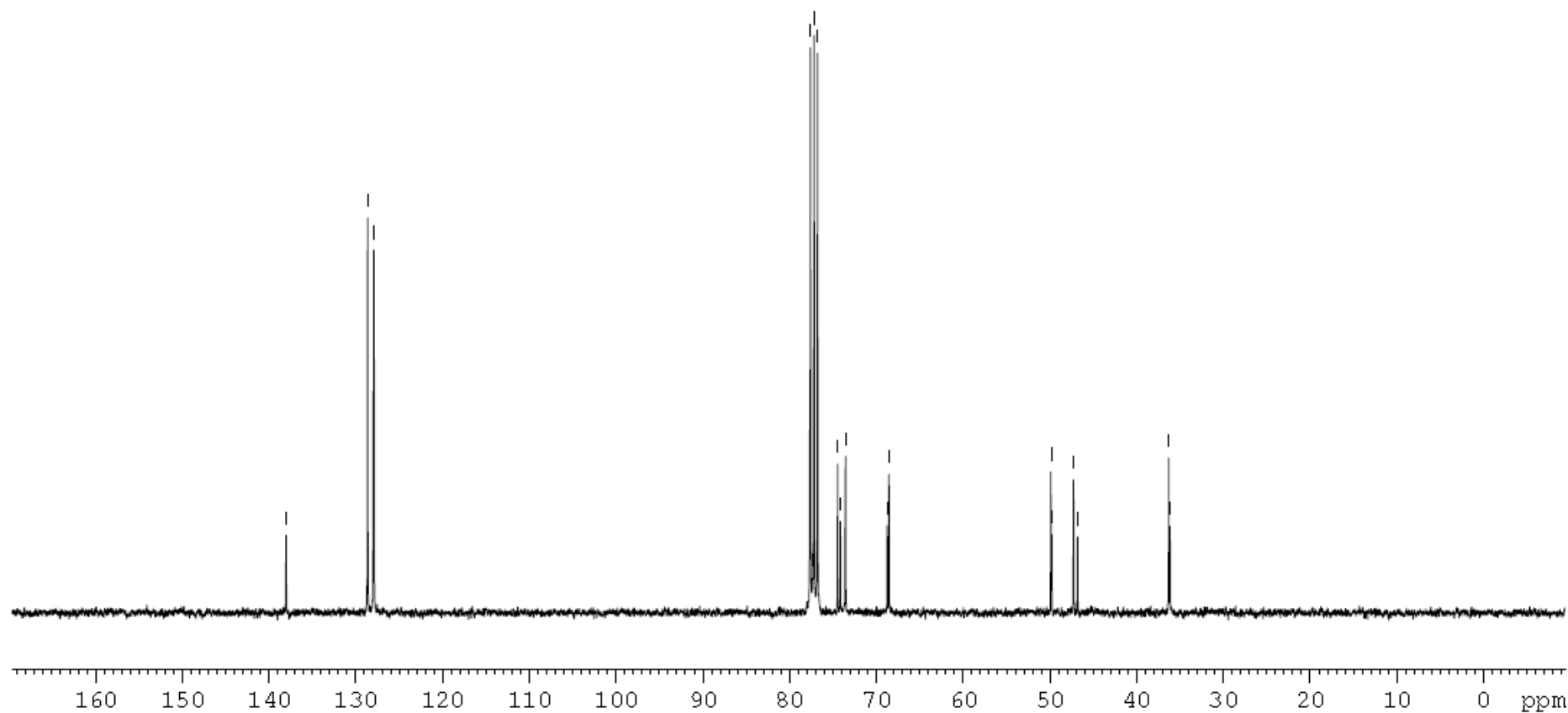
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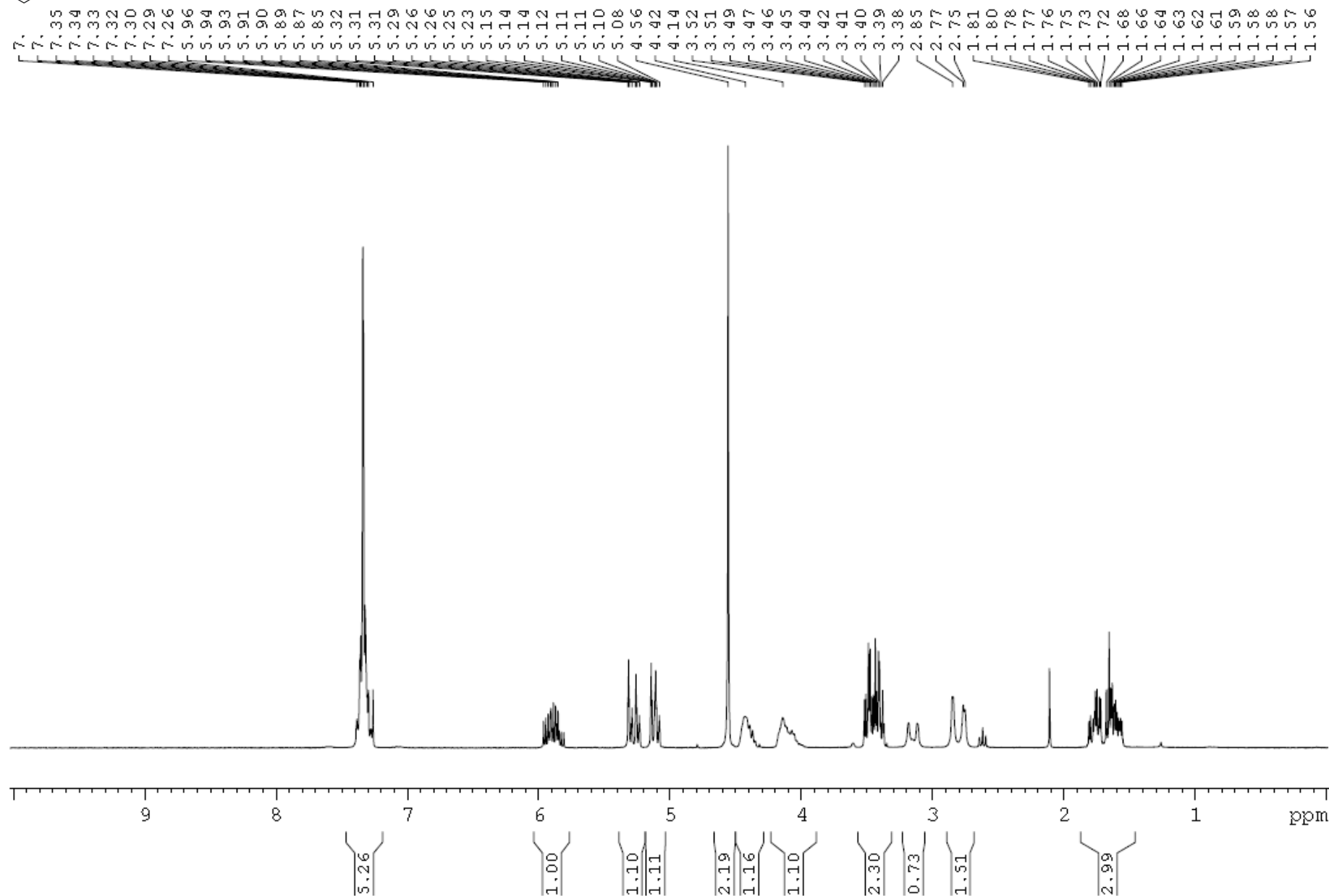
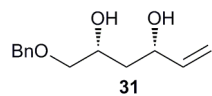
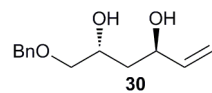
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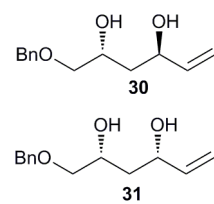
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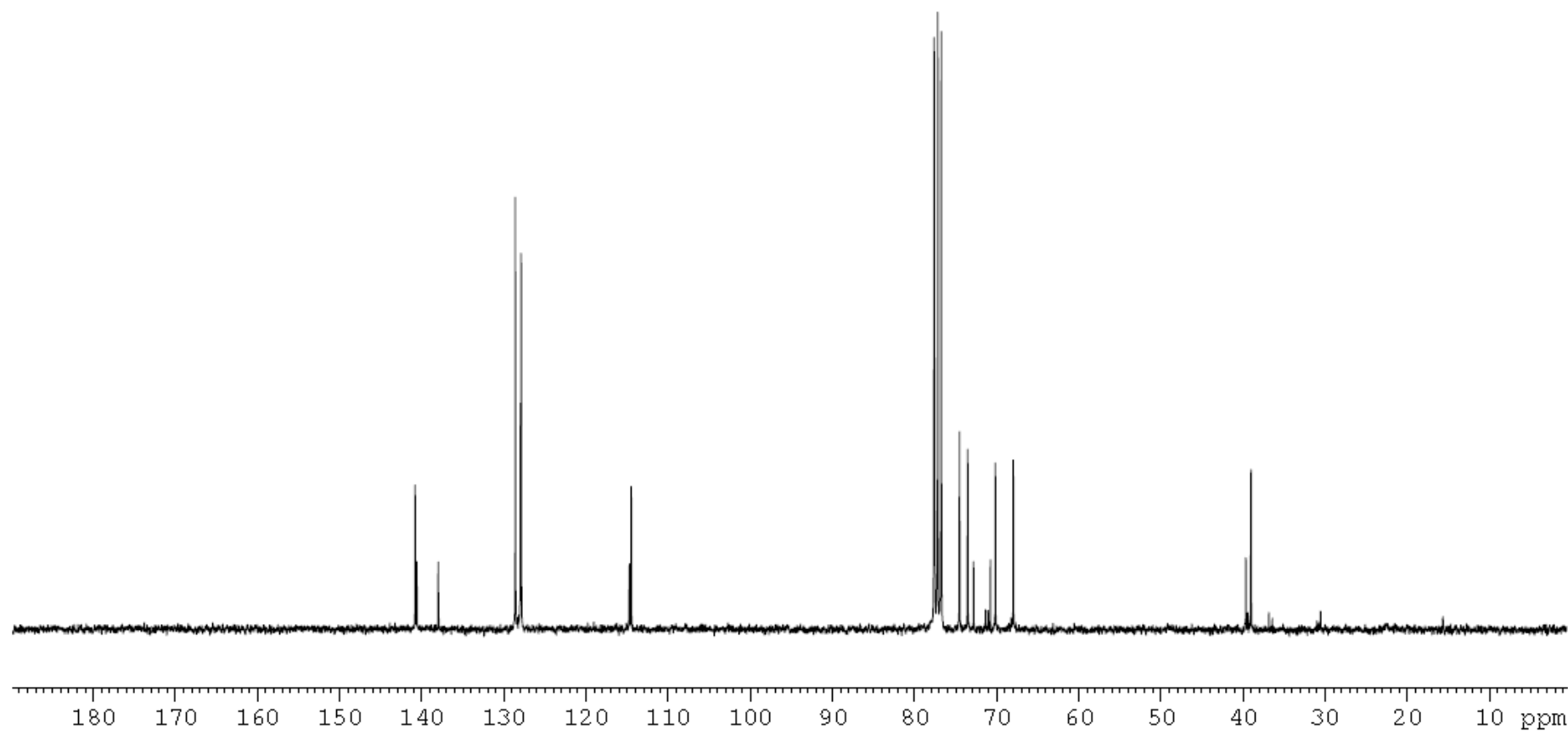


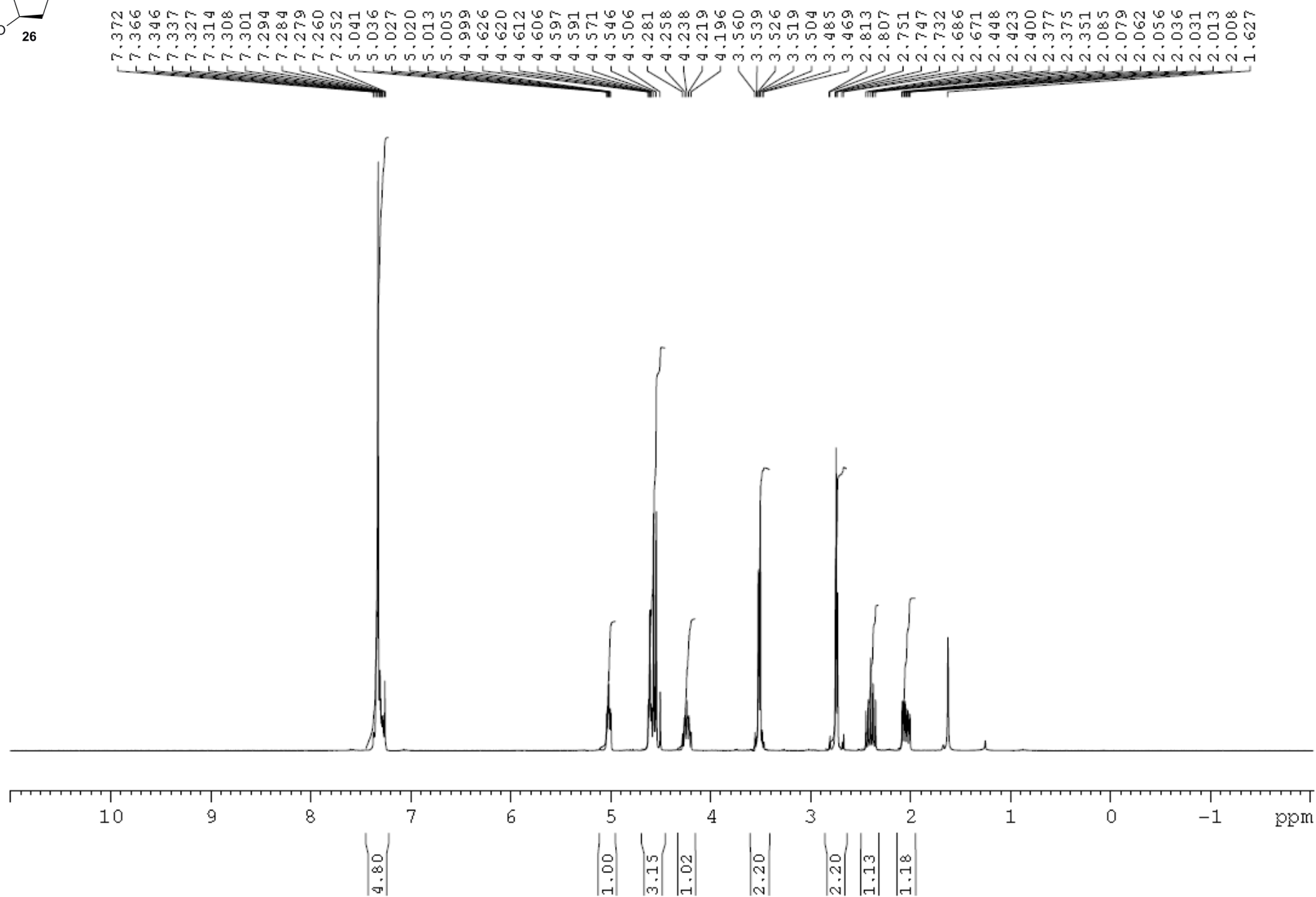
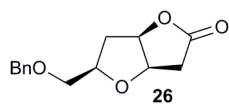


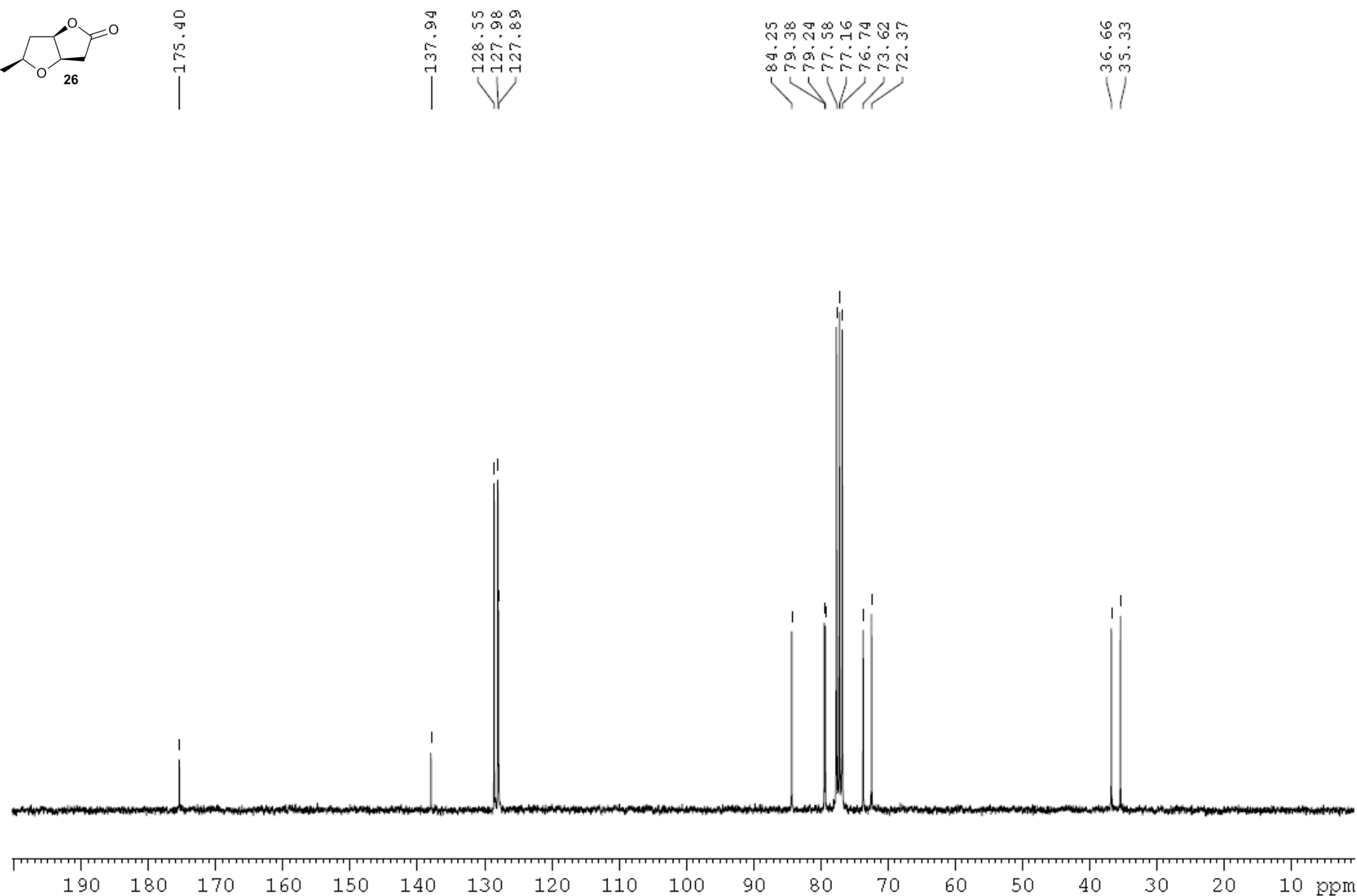
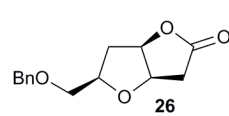
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 115.0
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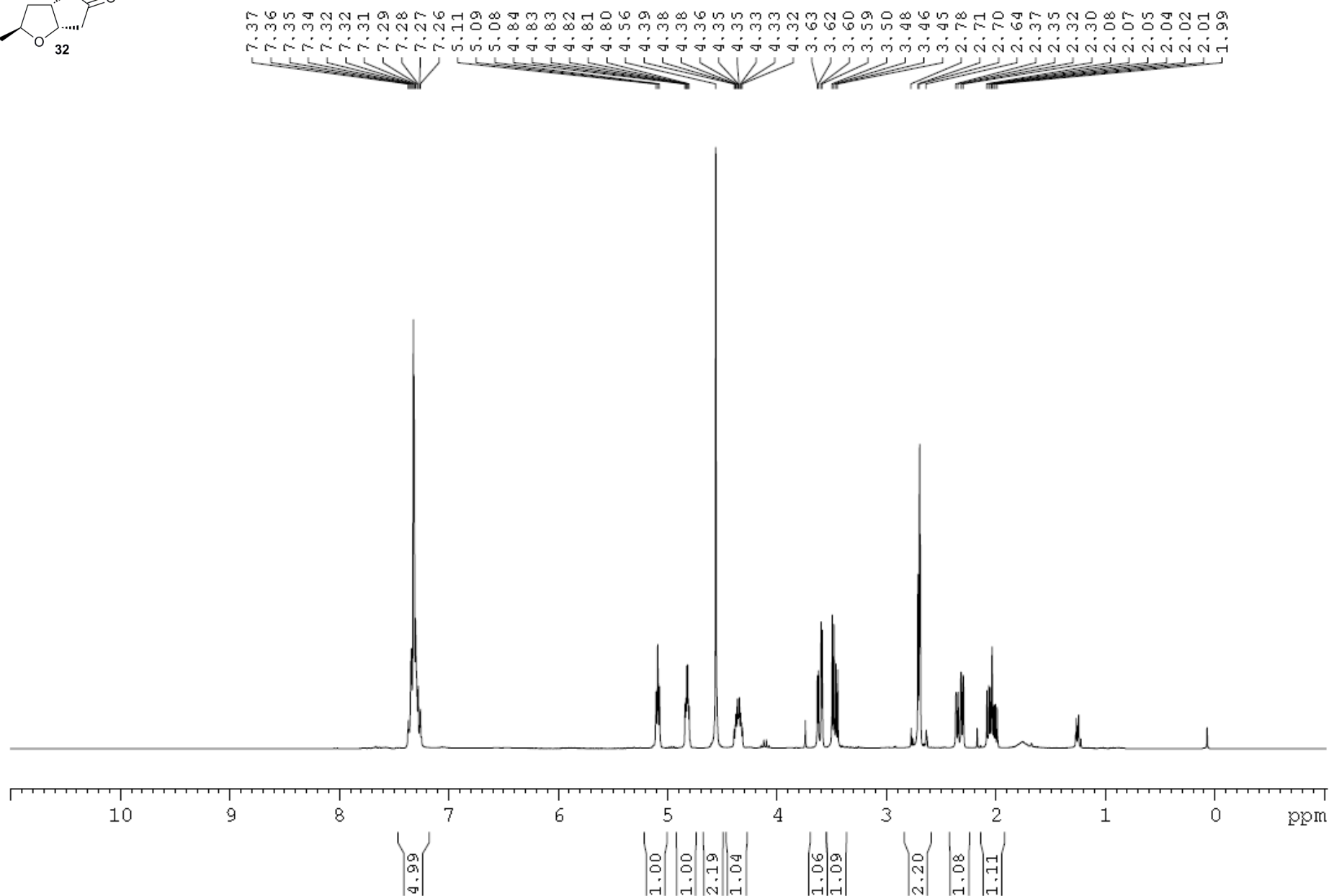
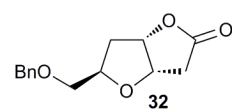
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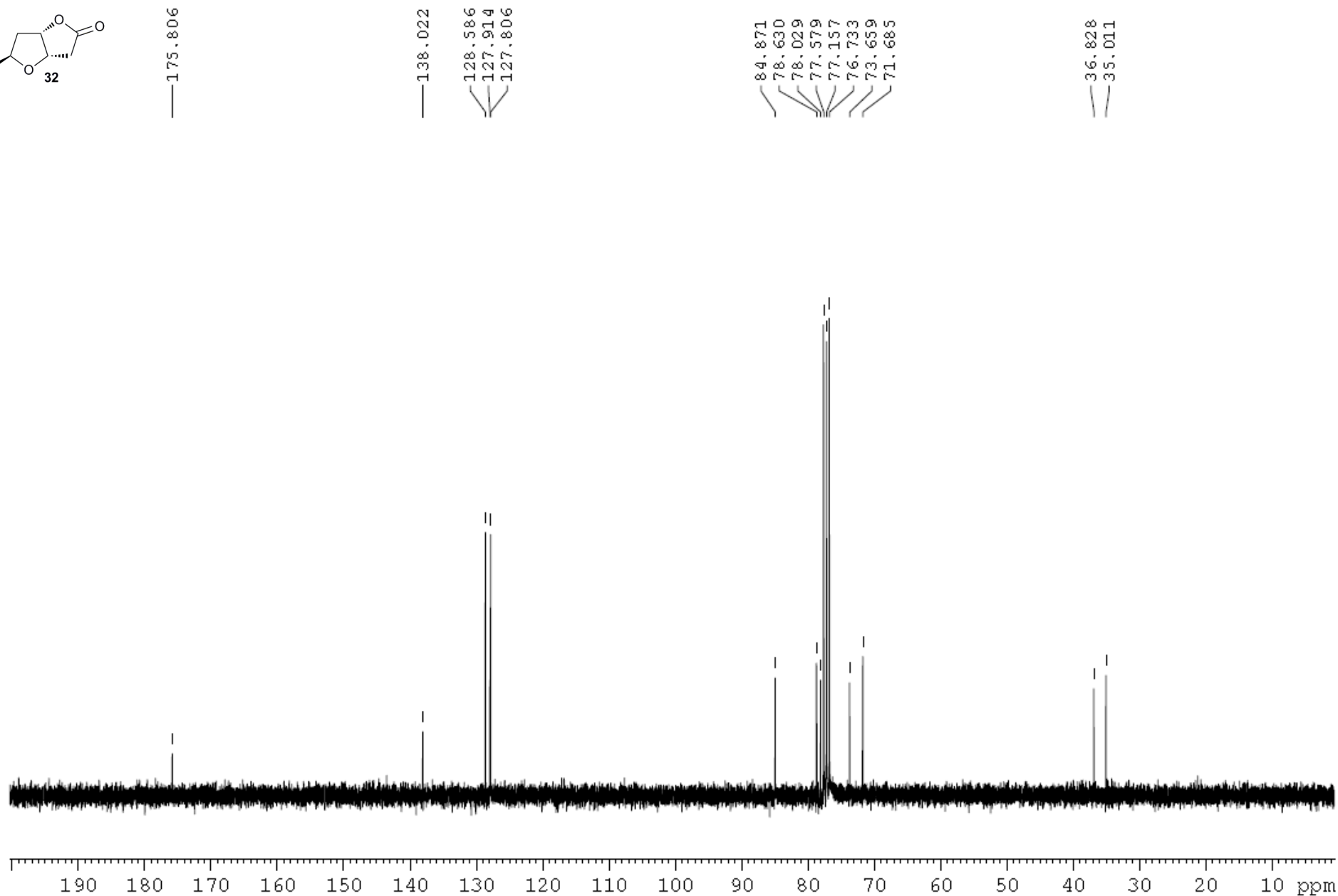
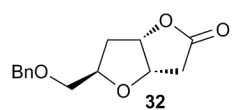
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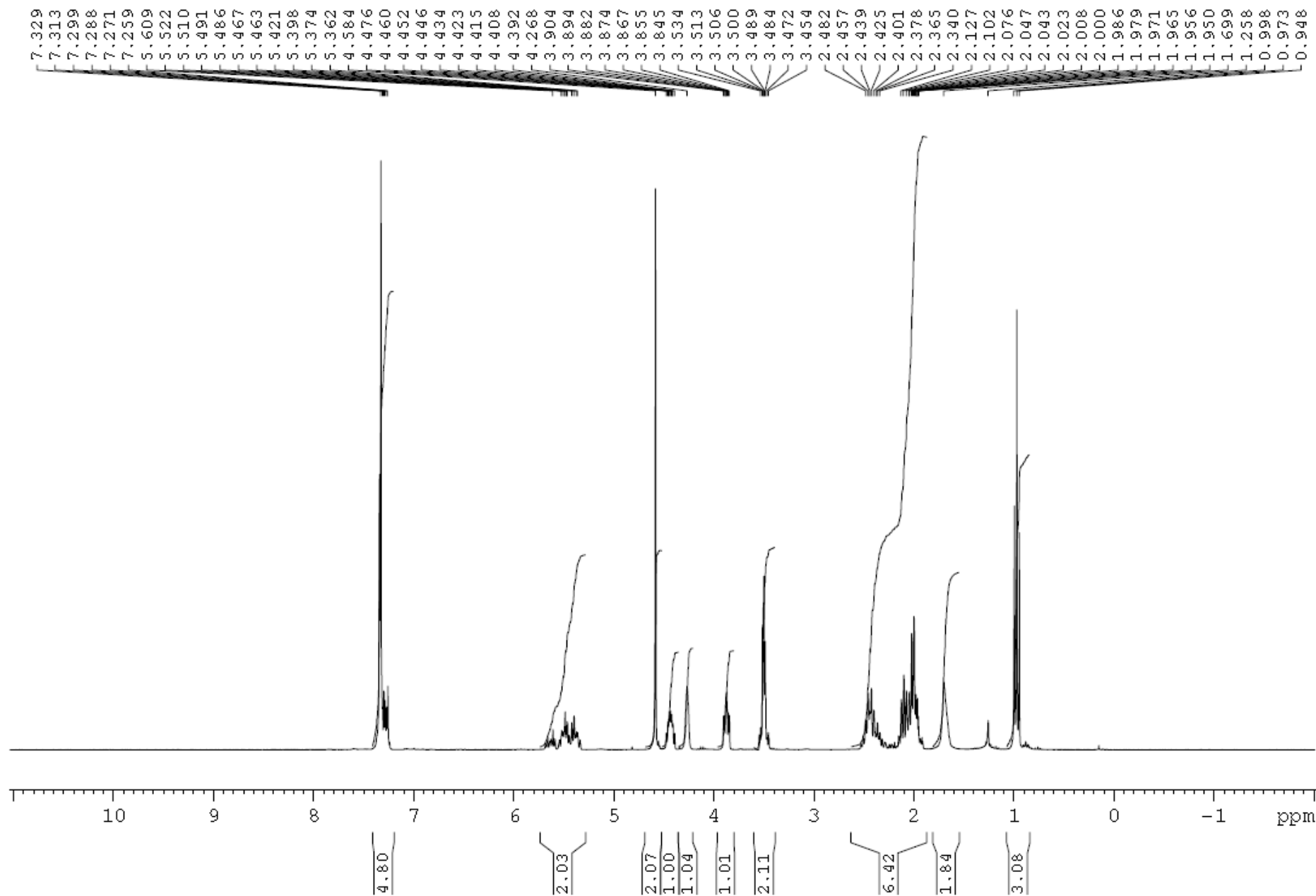
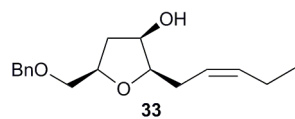


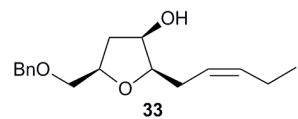








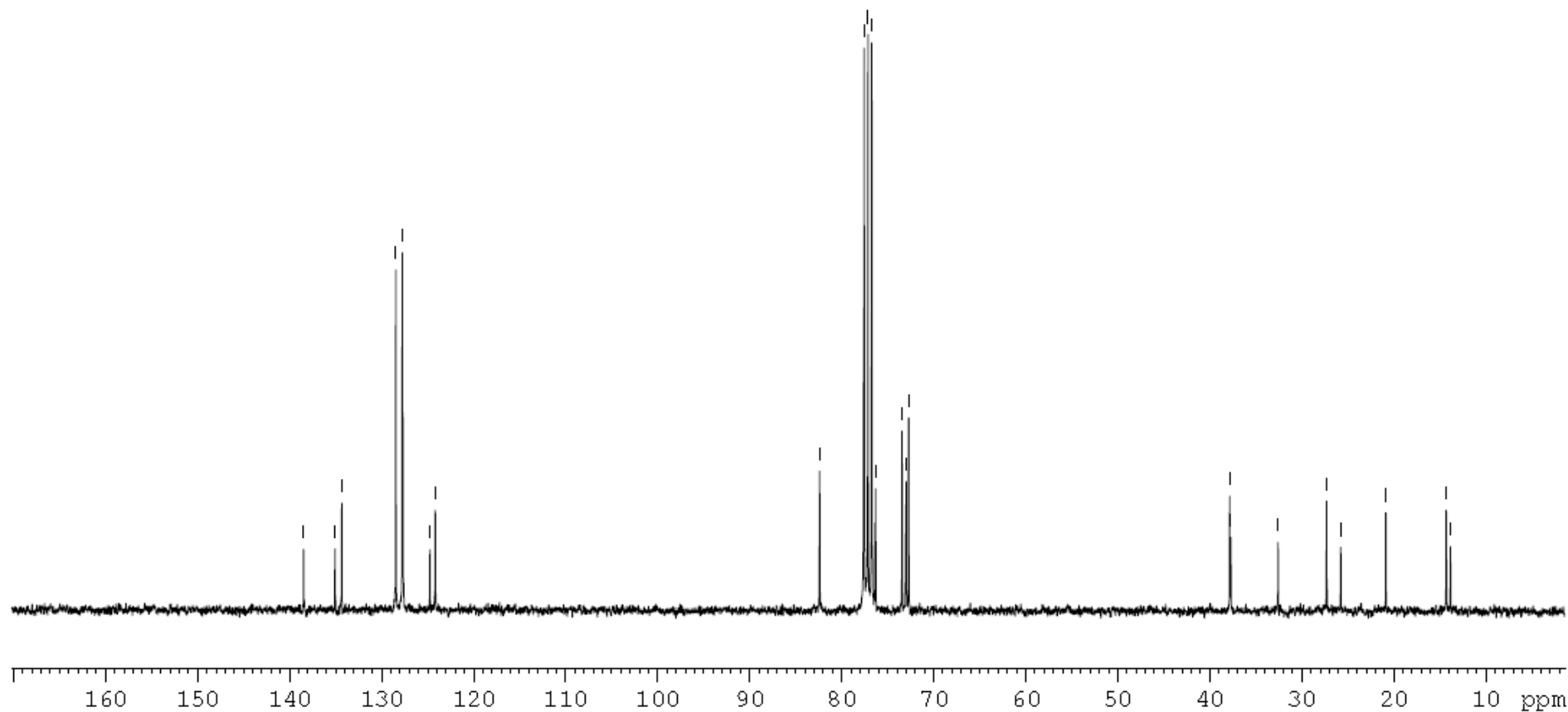


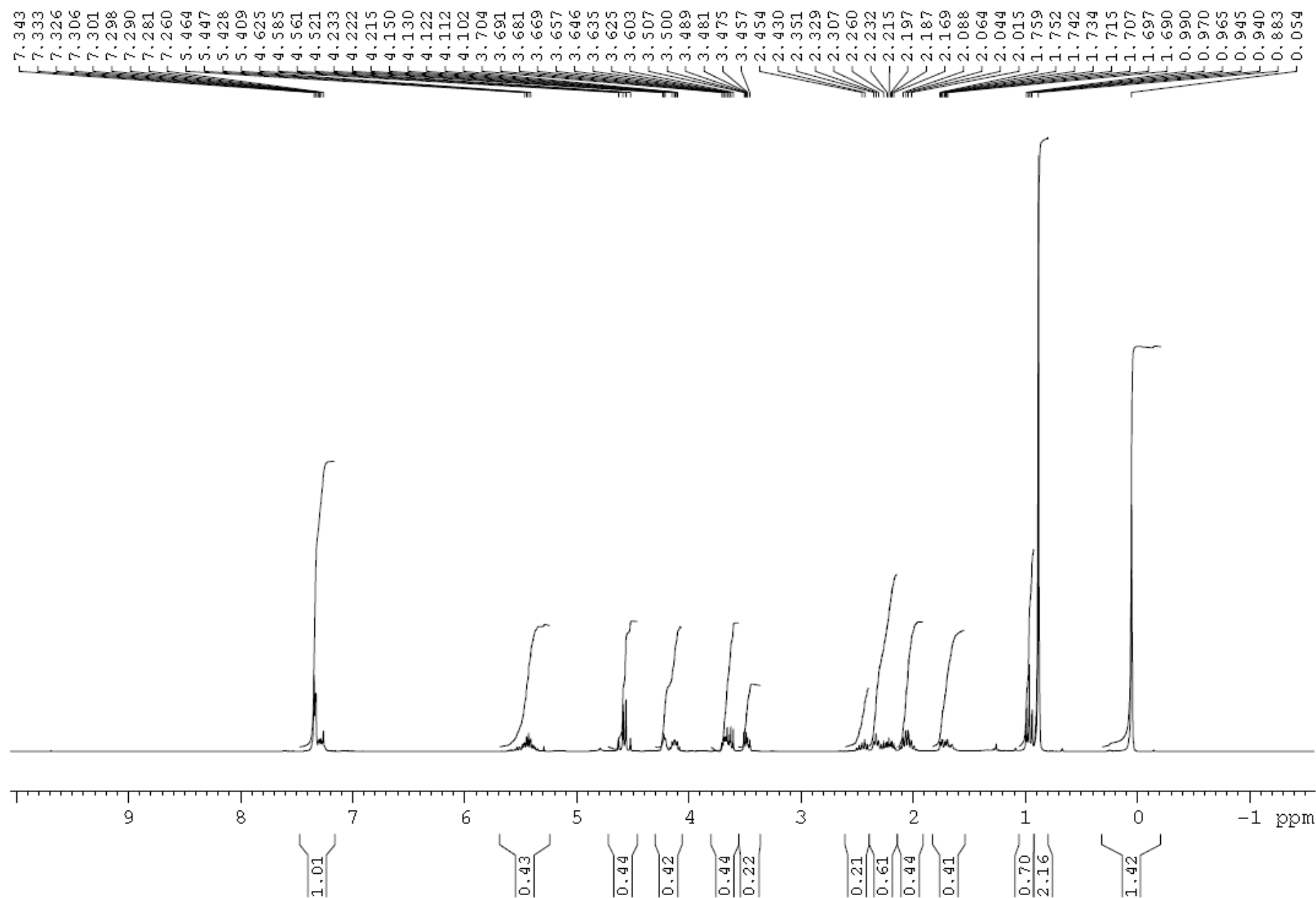
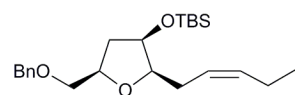


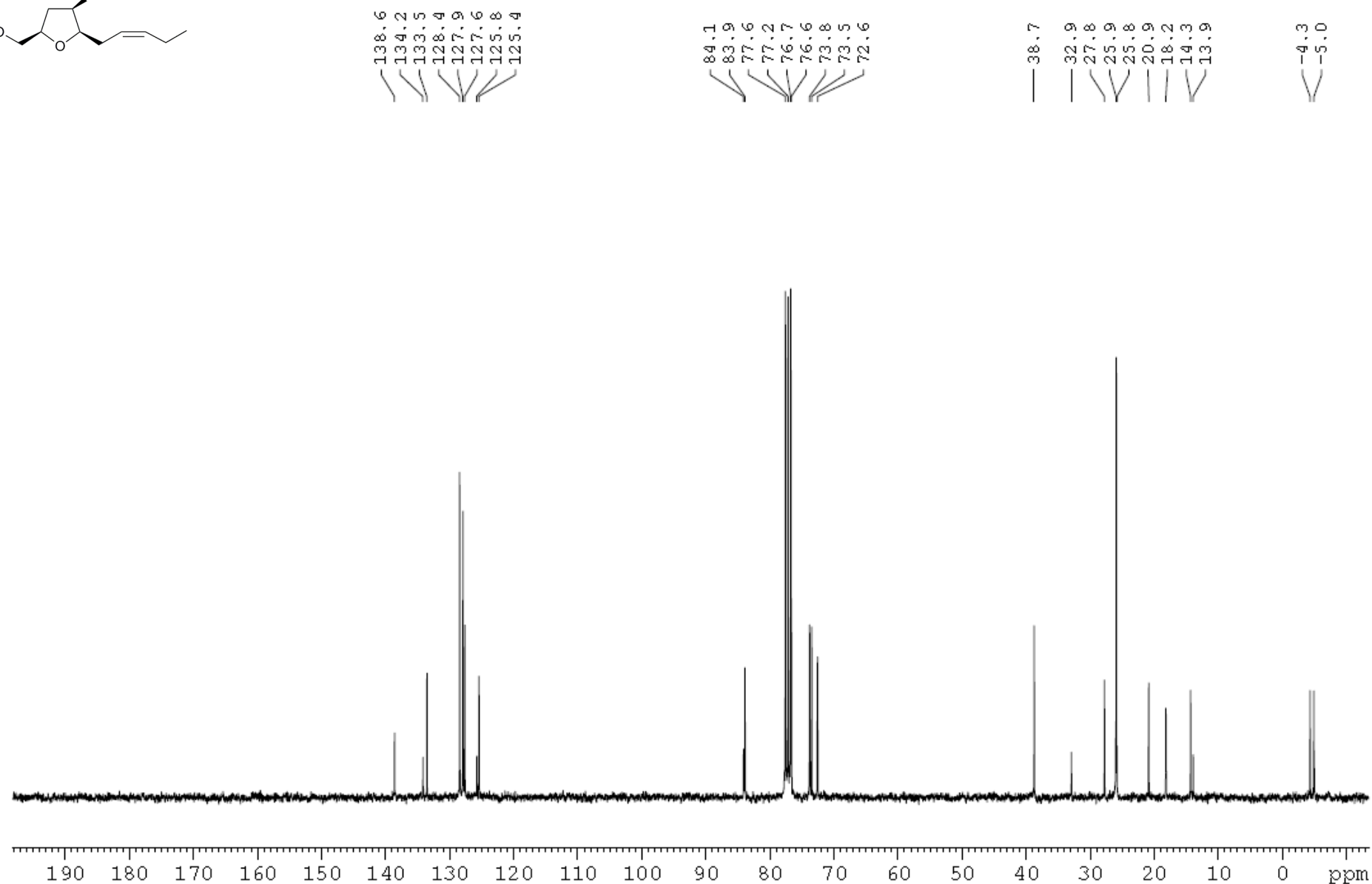
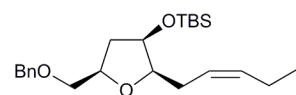
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 — 135.057
 — 134.348
 — 128.465
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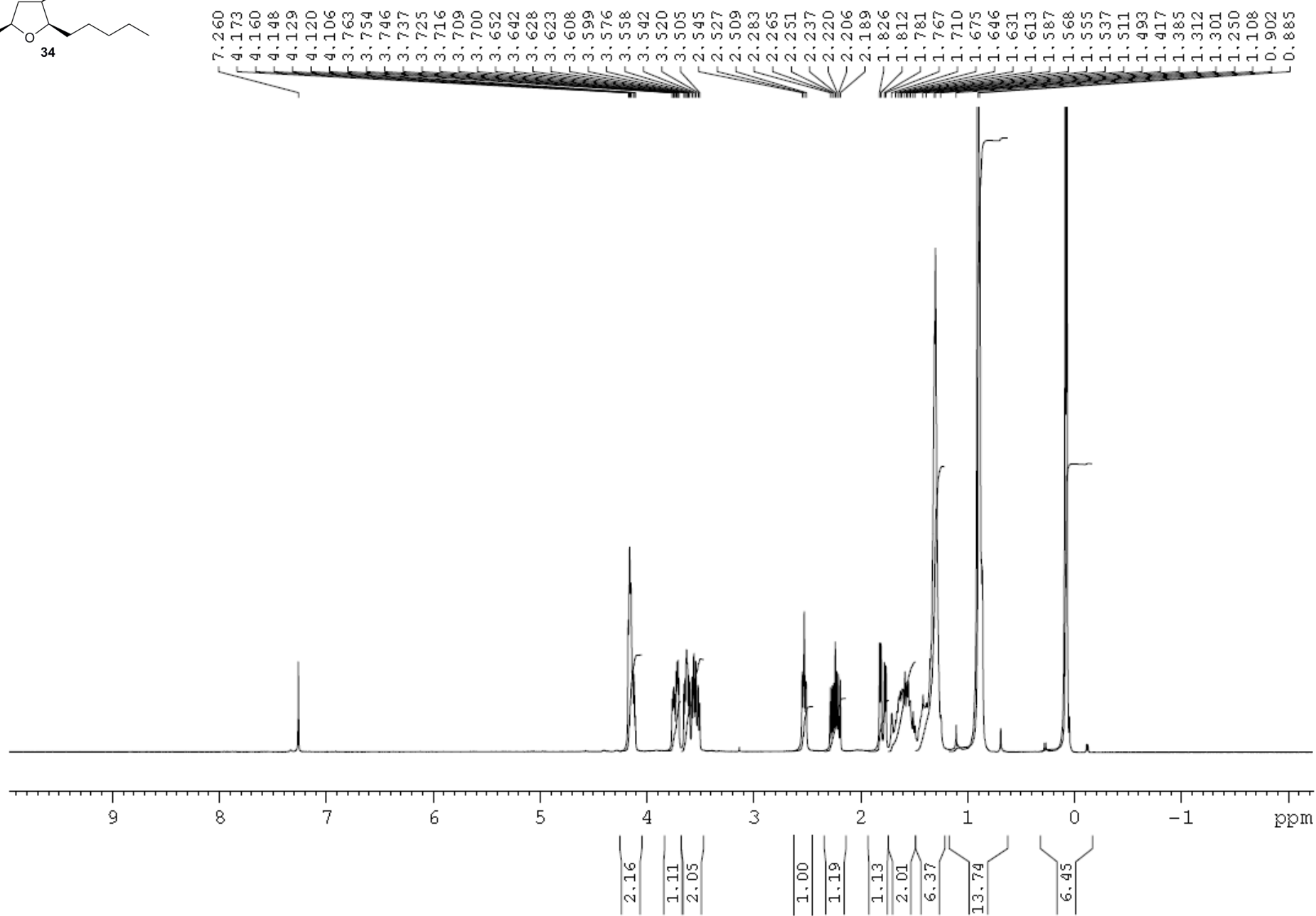
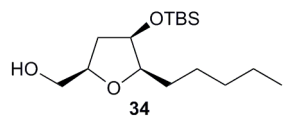
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 — 77.581
 — 77.157
 — 76.734
 — 76.326
 — 73.450
 — 73.064
 — 72.992
 — 72.715

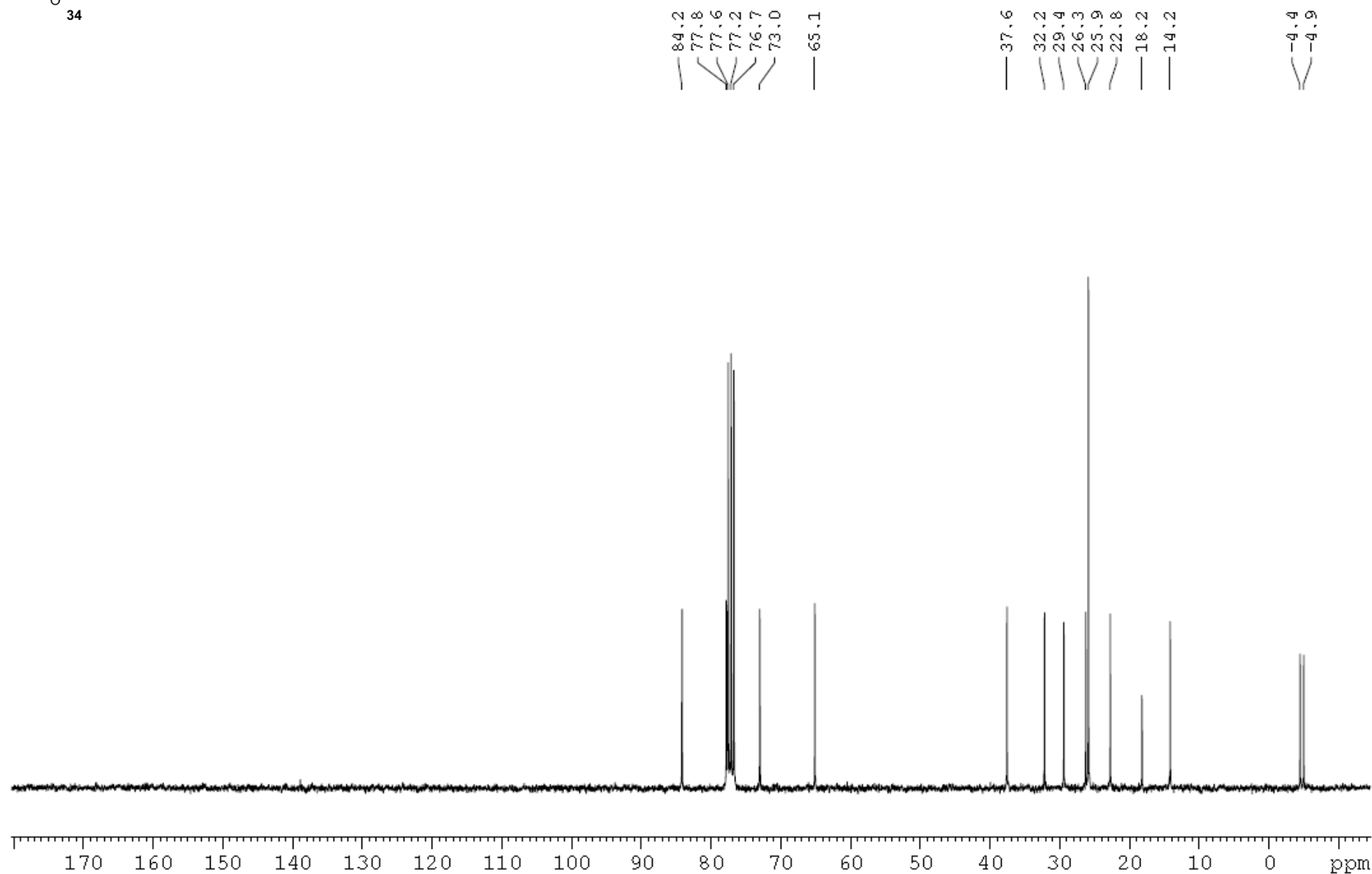
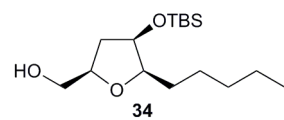
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 — 32.564
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 — 14.294
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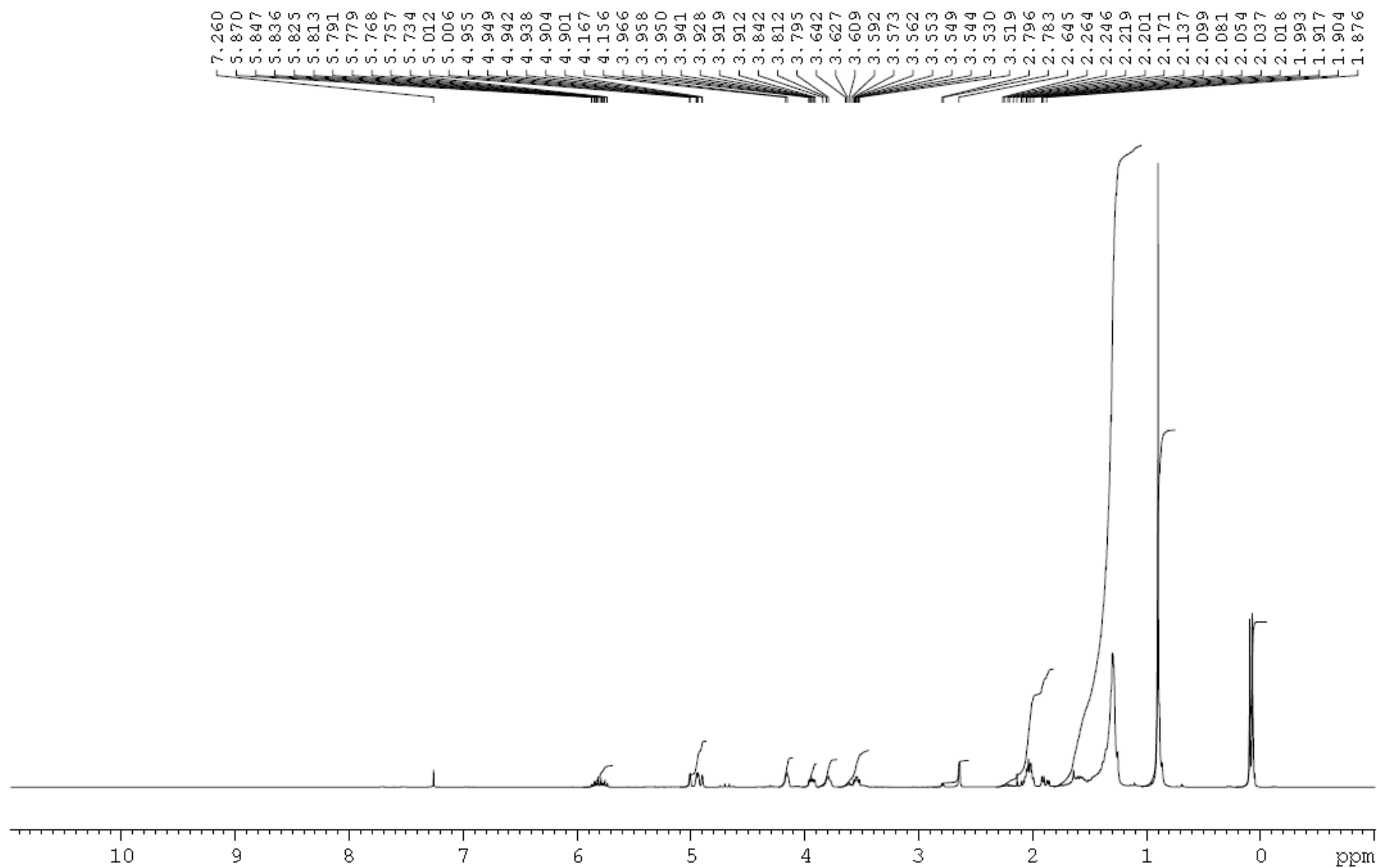
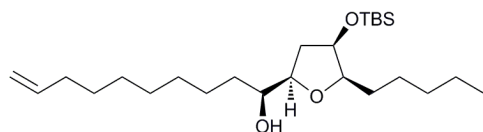


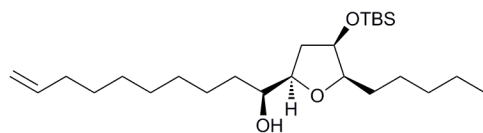












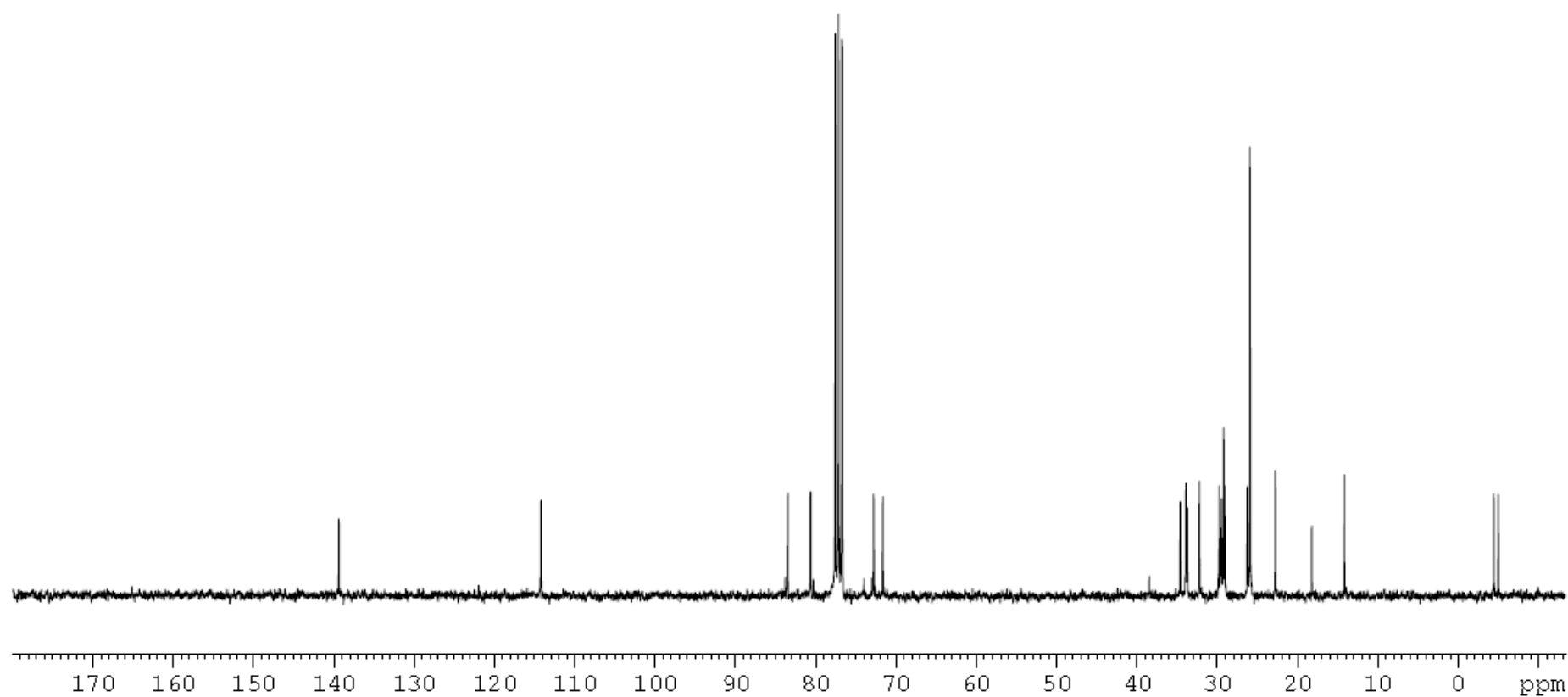
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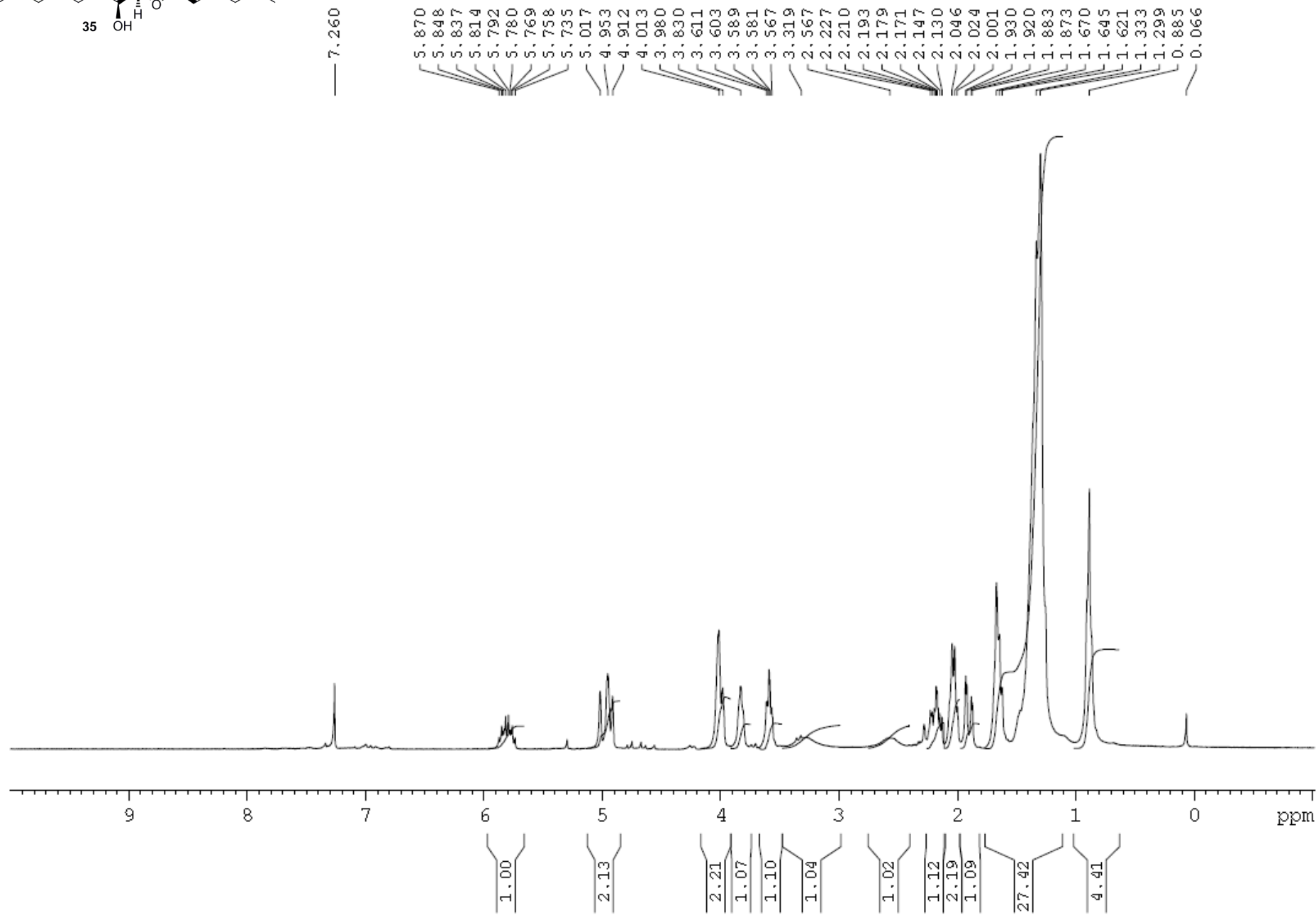
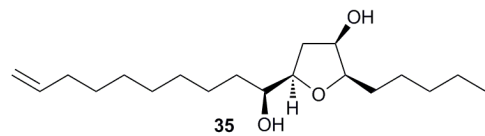
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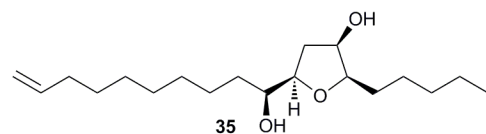
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26.0
22.8
18.3
14.2

-4.4
-4.9







35

—139.1

—114.3

84.0

80.1

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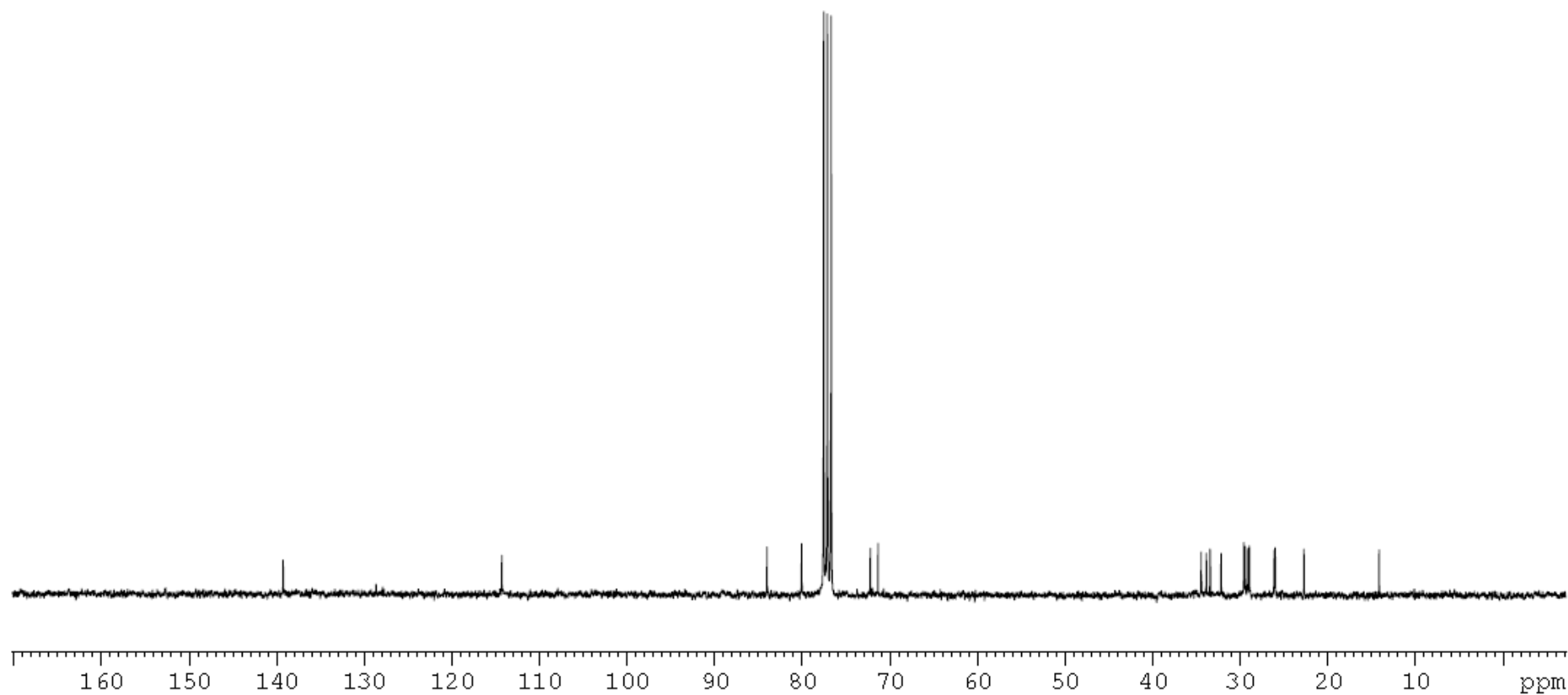
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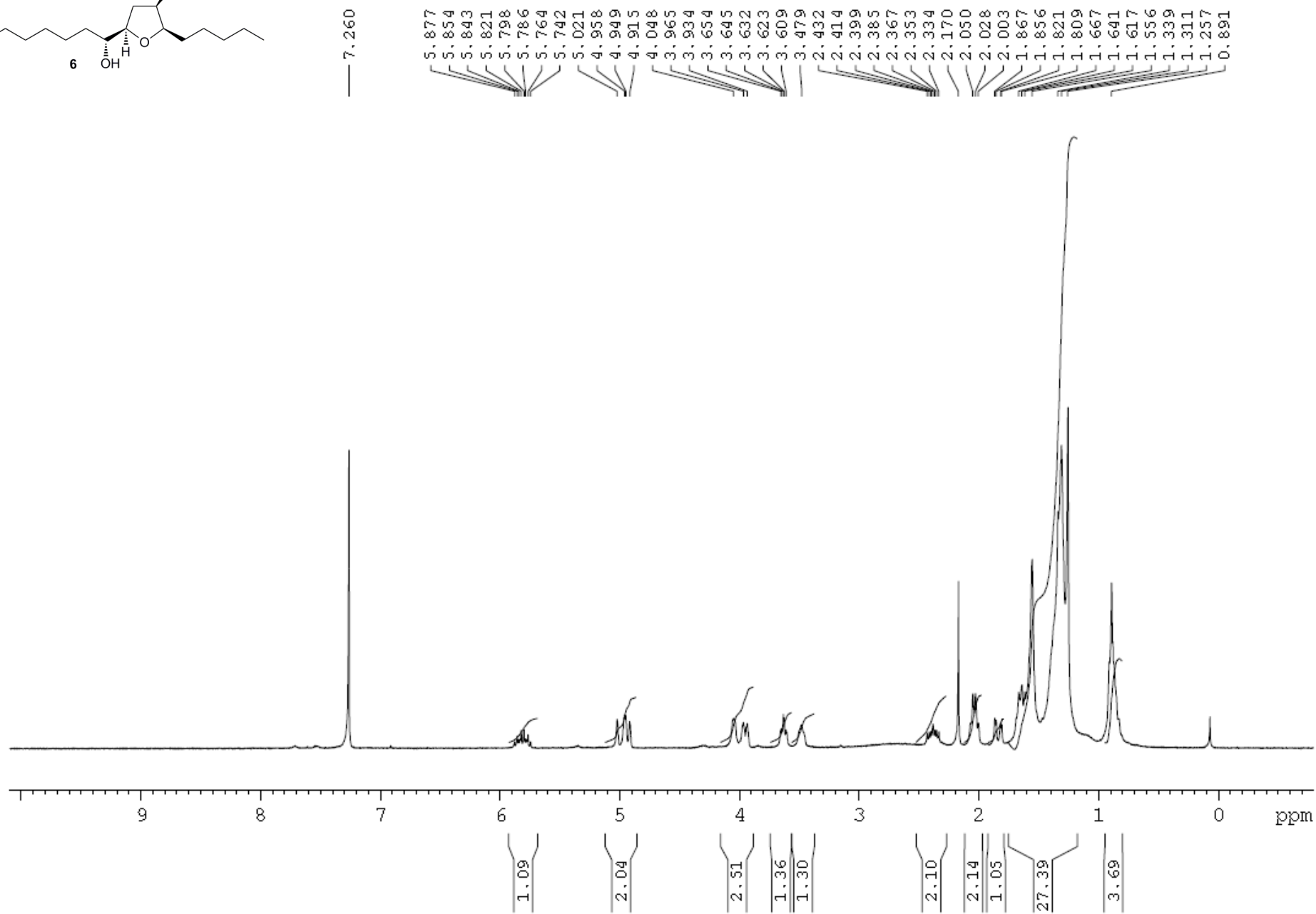
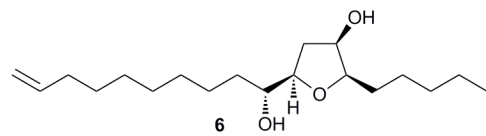
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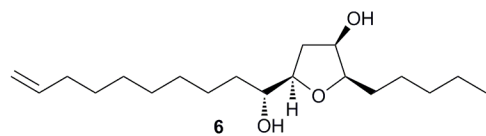
26.0

22.8

14.2







6

— 139.35

— 114.31

