

**Amberlyst-15 catalysed oxidative esterification of aldehydes using H₂O₂
trapped Oxidant as terminal oxidant**

Ek Nath M. Gayakwad^a, Vilas V. Patil^a, and Ganapati S. Shankarling^{a*}

Supporting Information

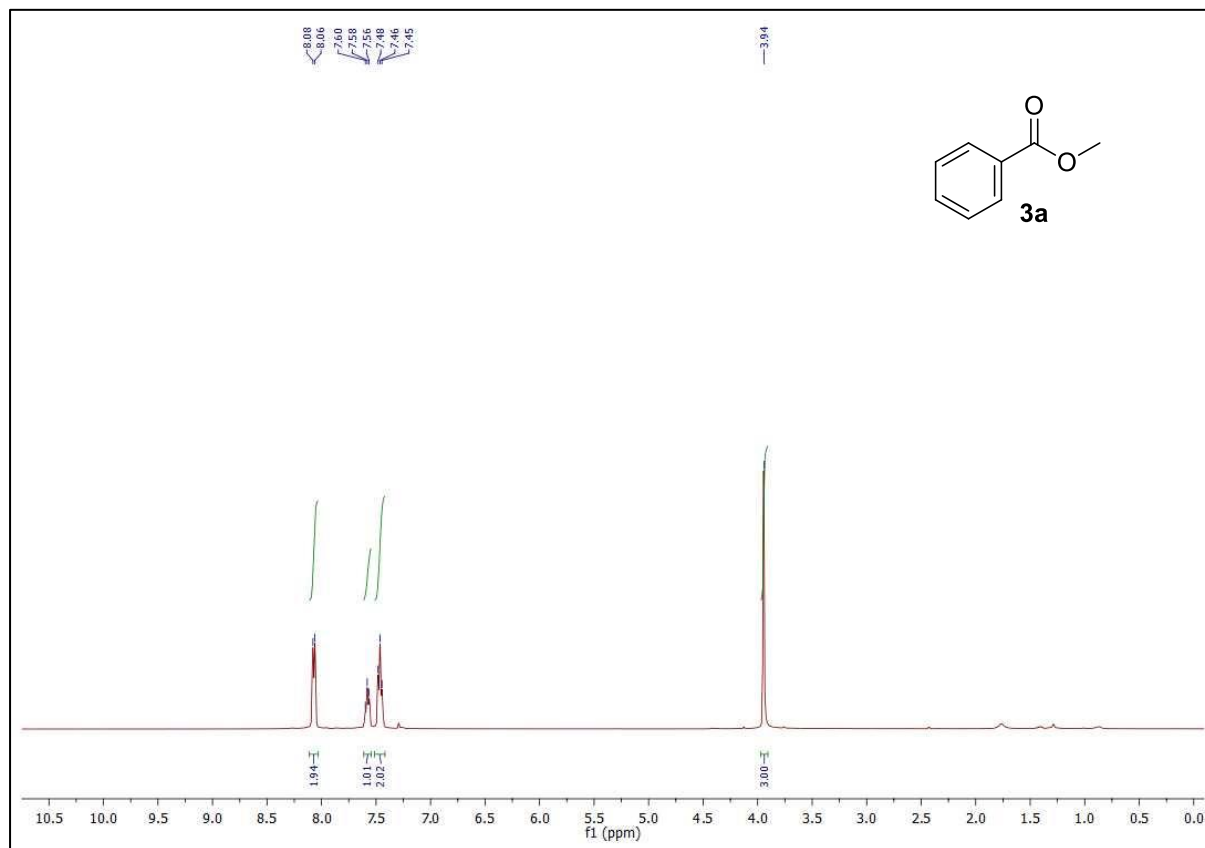
^aDepartment of Dyestuff Technology, Institute of Chemical Technology, N. P. Marg,
Matunga, Mumbai - 400019, India Parikh Road, Matunga, Mumbai, Maharashtra, India. E-
mail: gsshankarling@gmail.com, gs.shankarling@gmail.com

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1. ¹H NMR and GC-MS spectra of products

Methyl benzoate (3a):

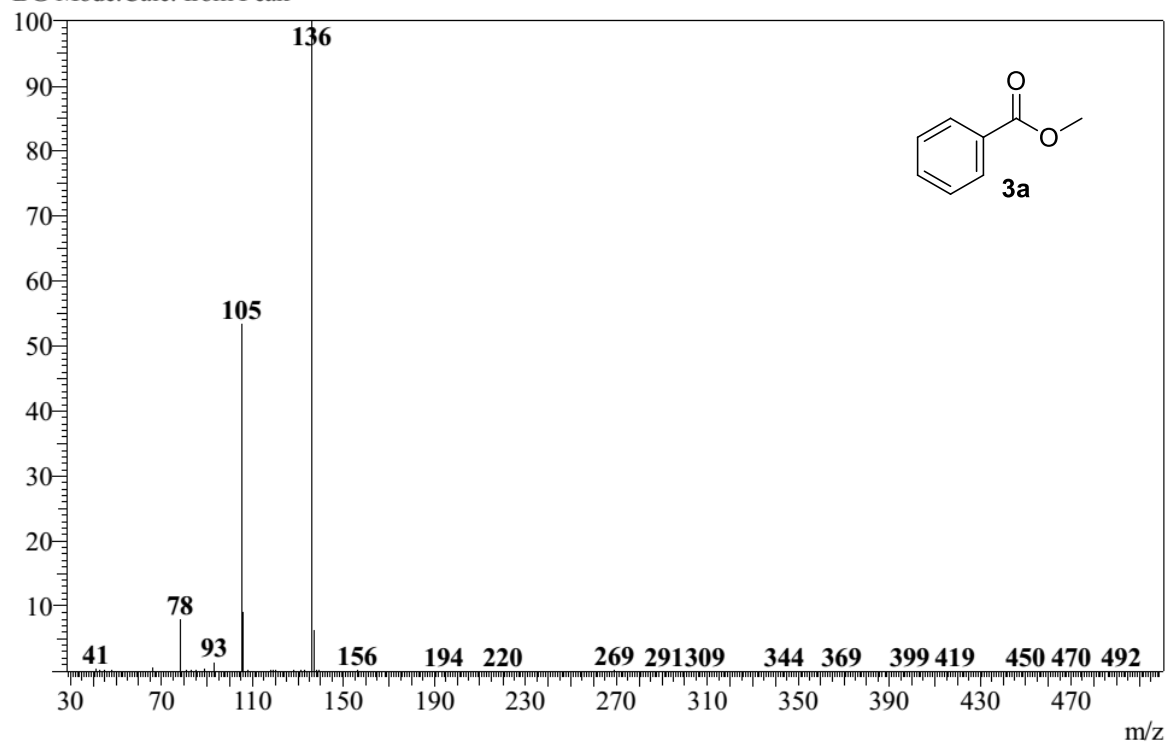


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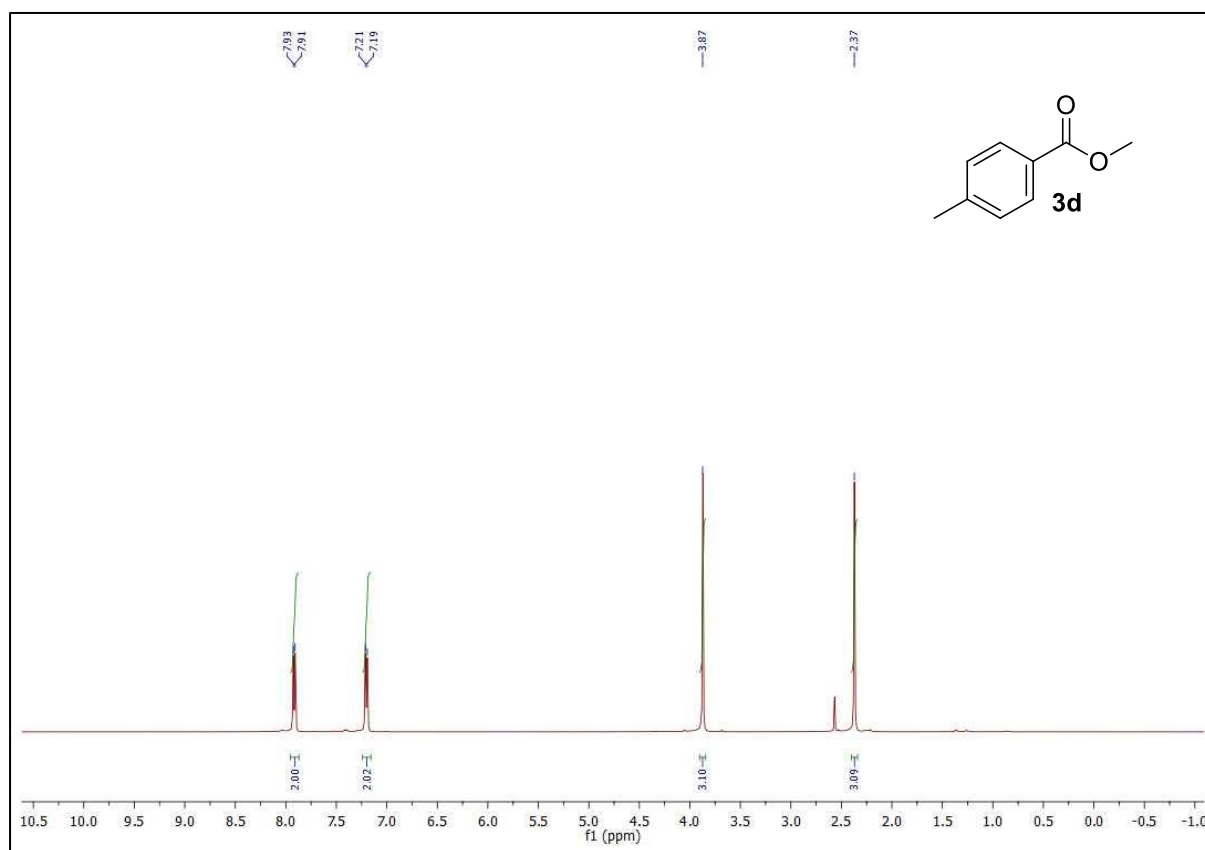
MassPeaks:206

RawMode:Averaged 3.2-3.2(39-41) BasePeak:136(49074)

BG Mode:Calc. from Peak



Methyl 4-methyl benzoate (3d):

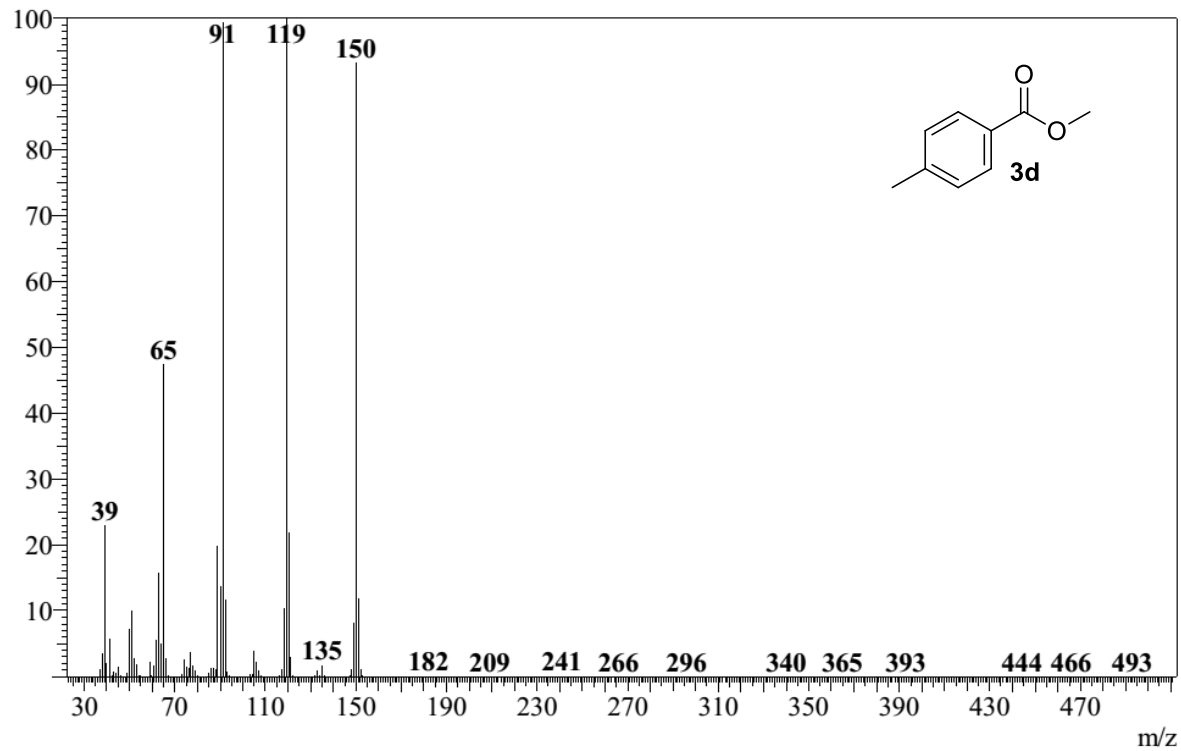


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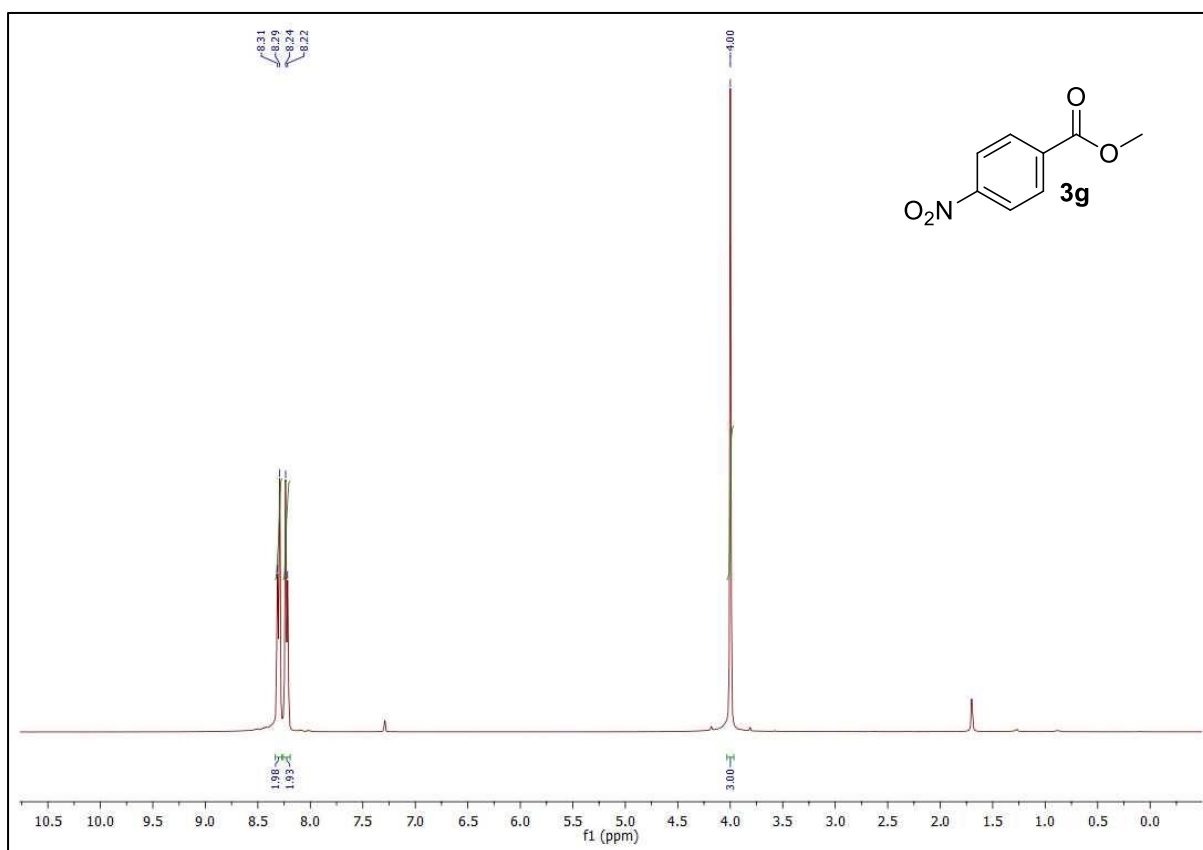
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RawMode:Averaged 4.5-4.5(309-311) BasePeak:119(8303040)

BG Mode:Calc. from Peak



Methyl 4-nitrobenzoate (3g):

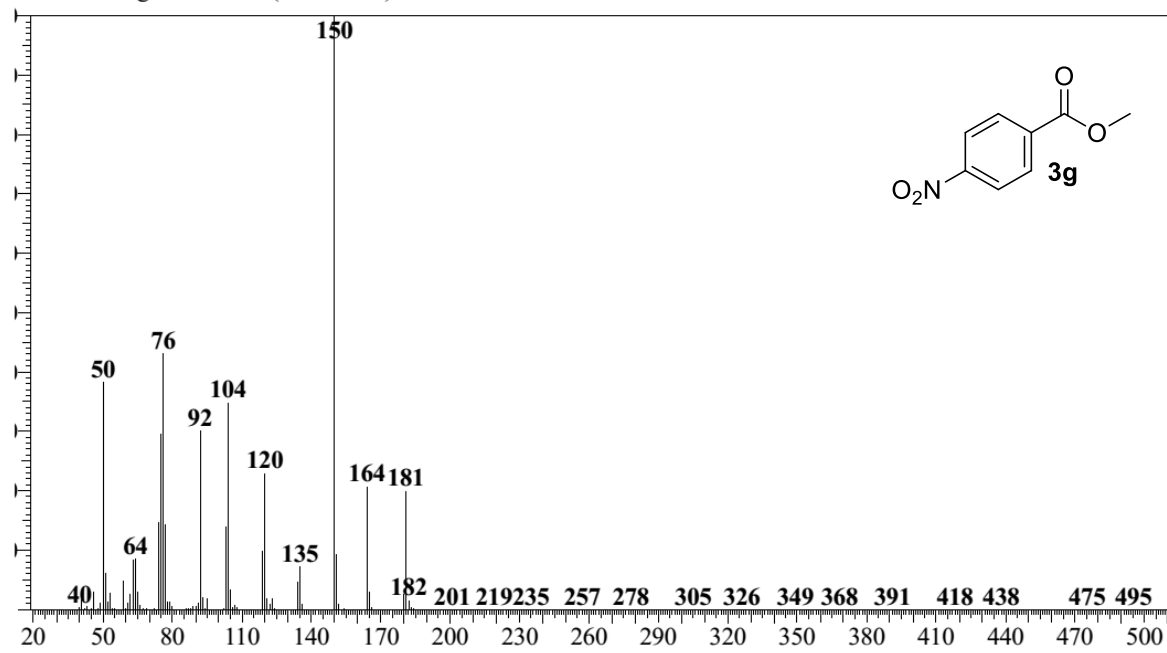


e#:1 R.Time:14.0(Scan#:1318)

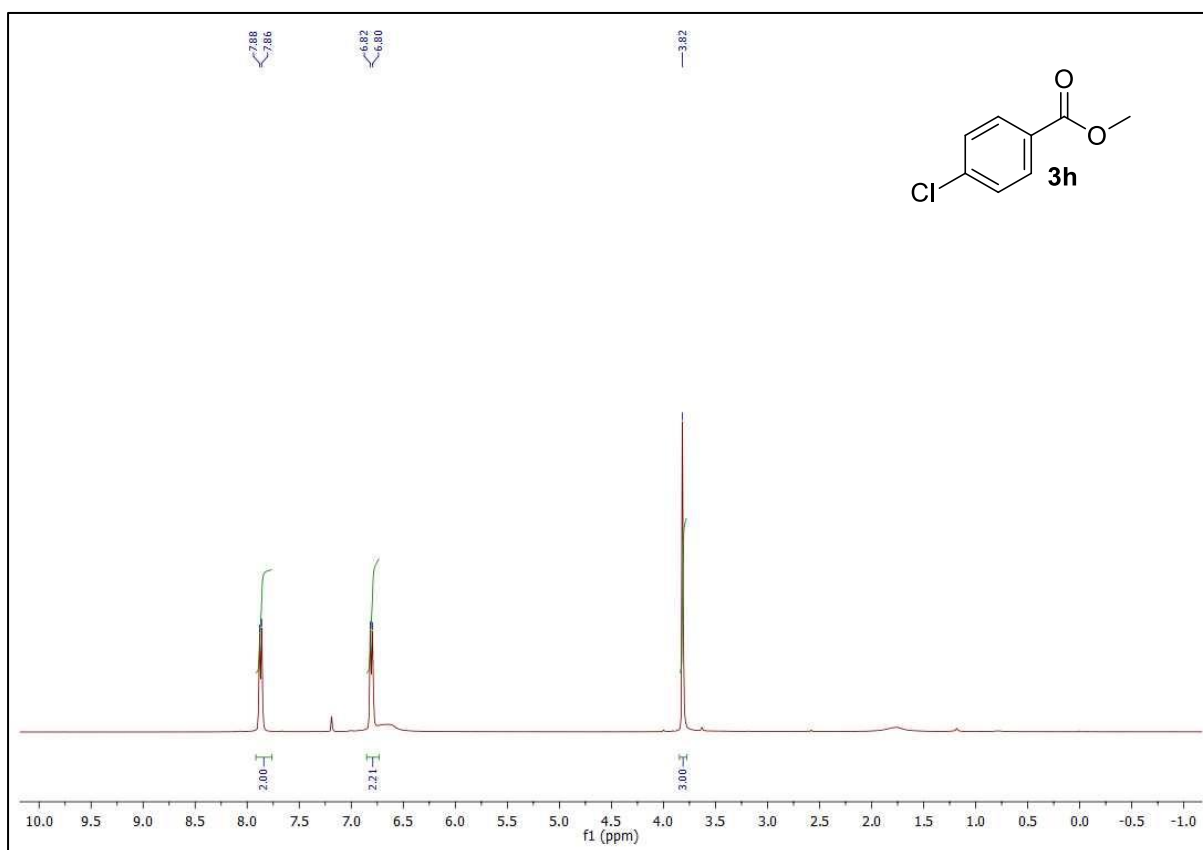
ssPeaks:169

vMode:Averaged 14.0-14.0(1317-1319) BasePeak:150(84817)

Mode:Averaged 15.3-15.3(1478-1480)



Methyl 4-chlorobenzoate (3h):

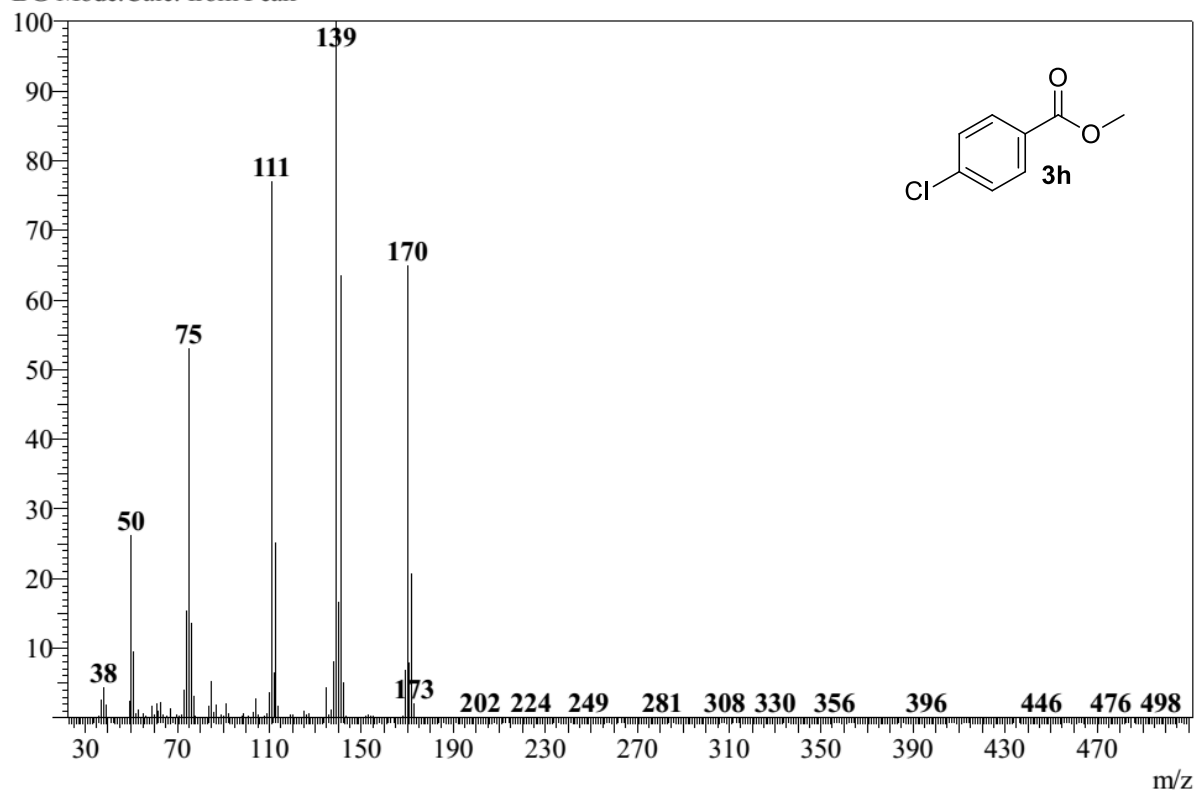


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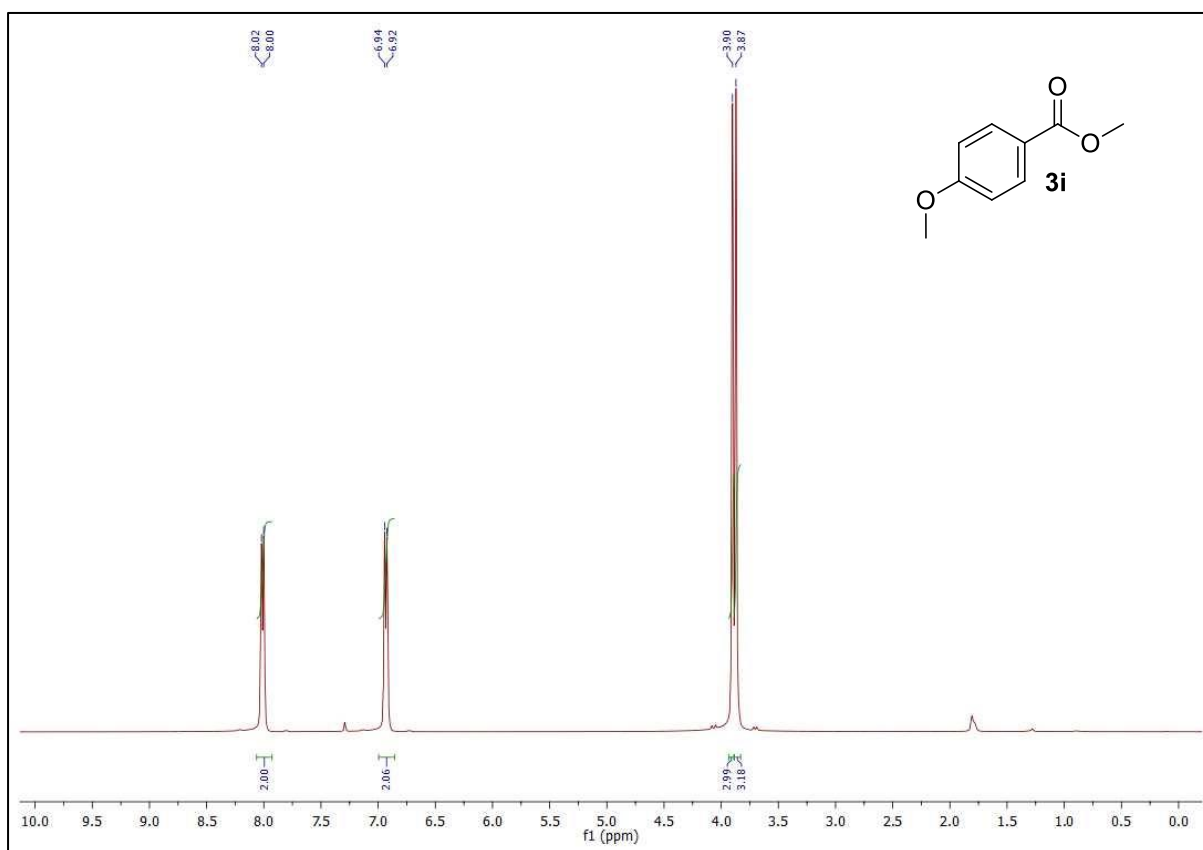
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RawMode:Averaged 5.1-5.2(430-432) BasePeak:139(8286803)

BG Mode:Calc. from Peak



Methyl 4-methoxybenzoate (3i):

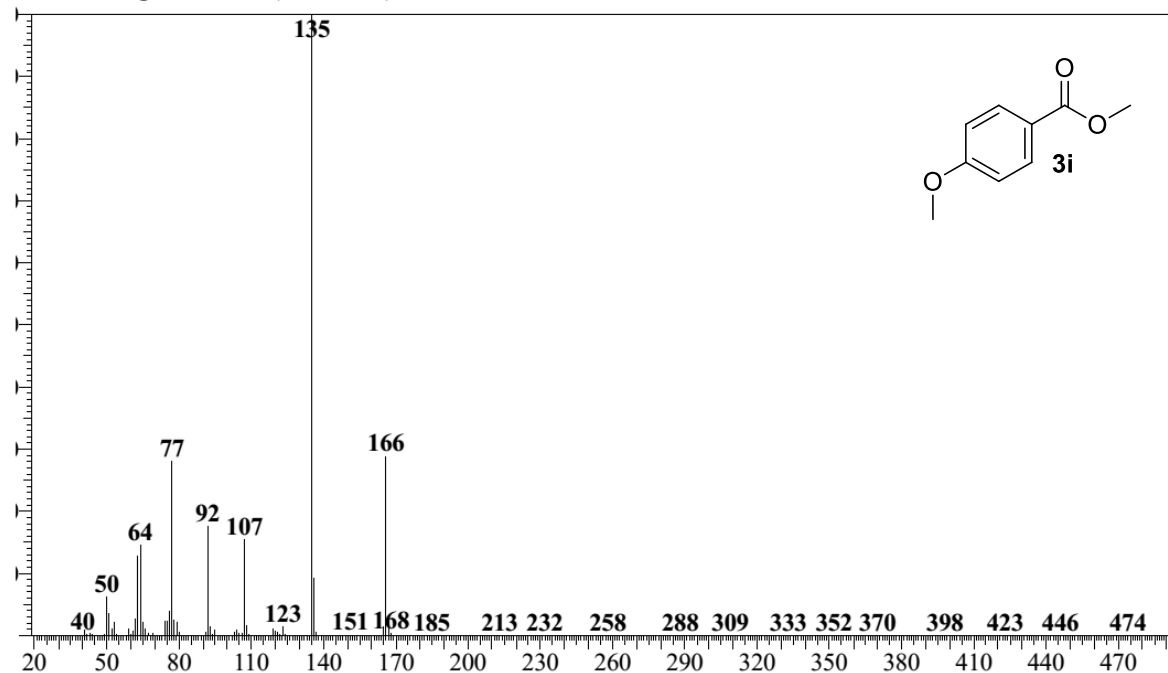


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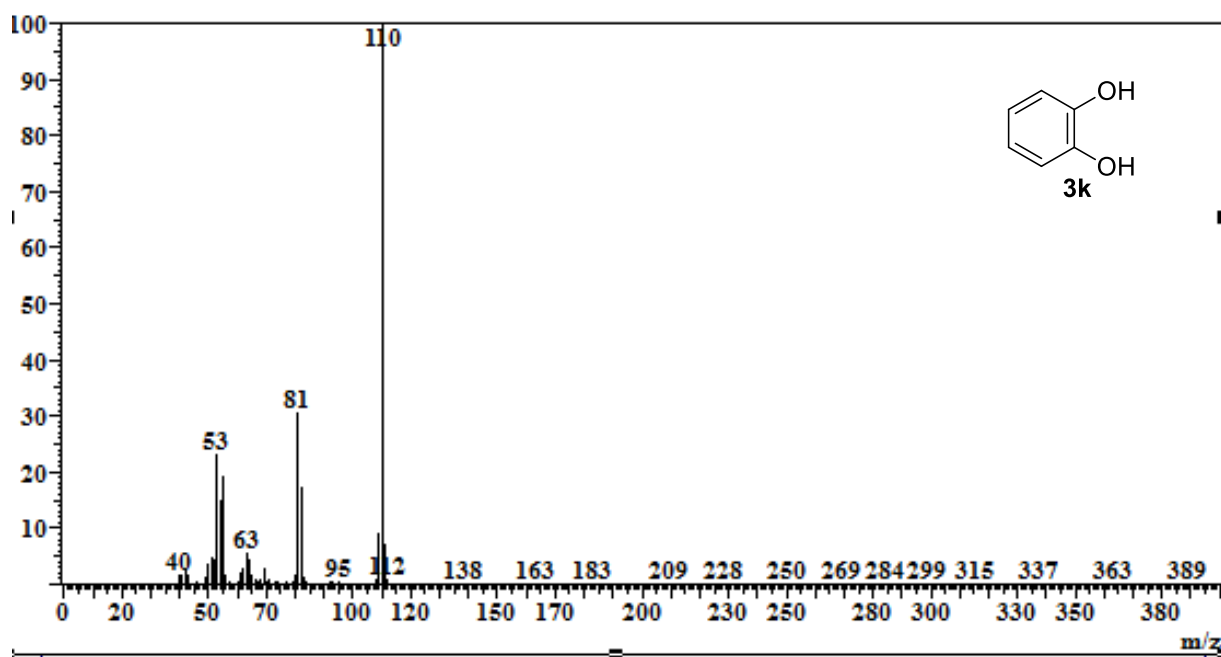
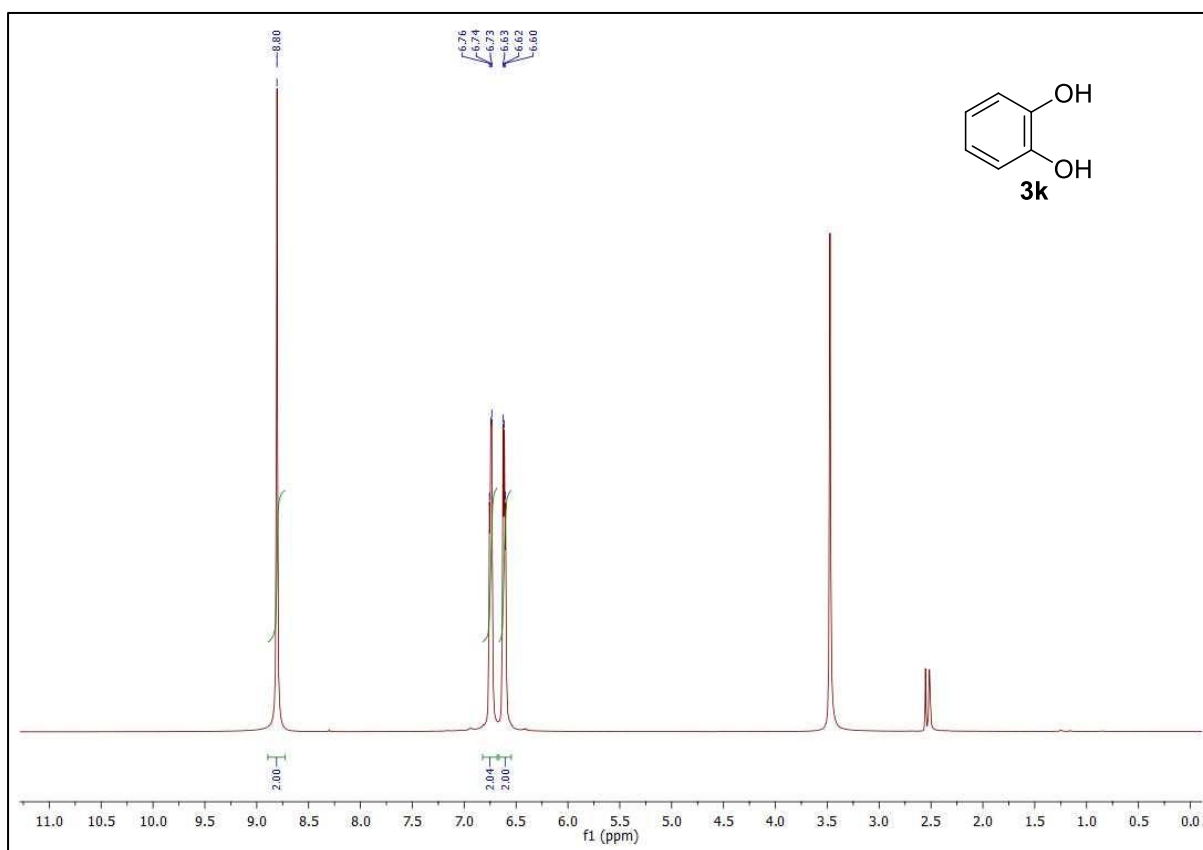
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vMode:Averaged 12.6-12.6(1152-1154) BasePeak:135(218832)

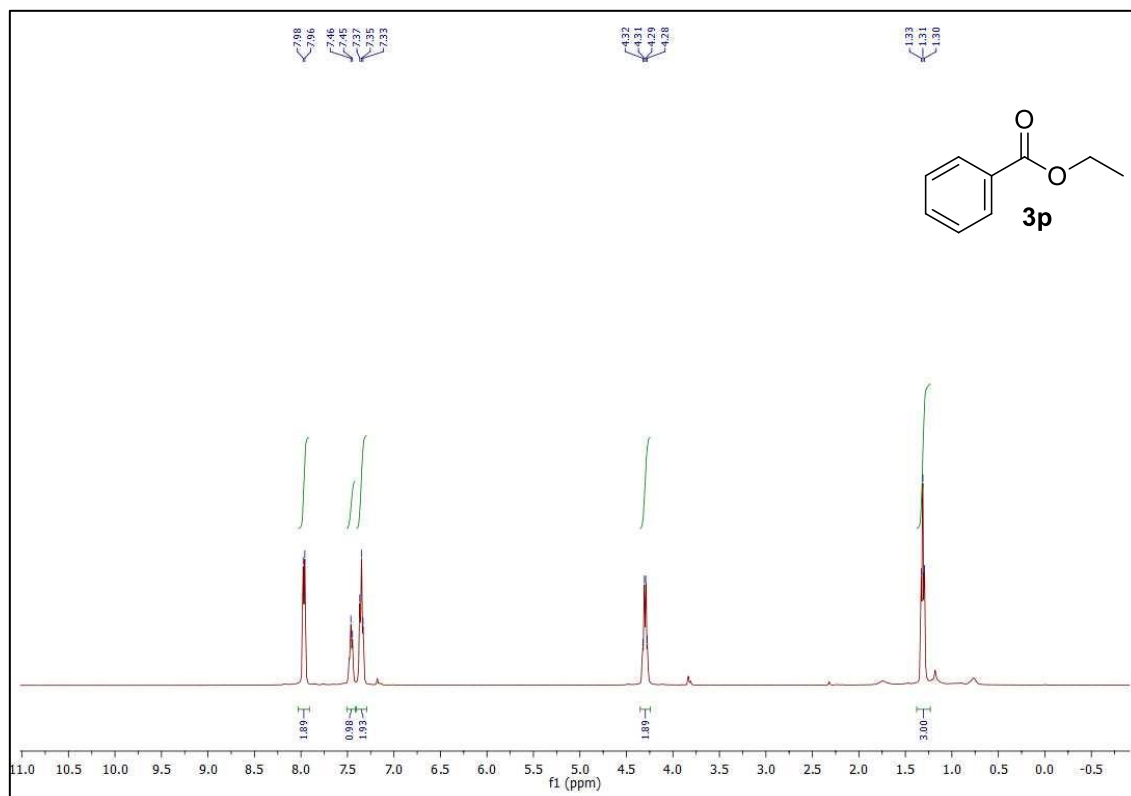
Mode:Averaged 15.0-15.0(1438-1440)



Catechol (3k):



Ethyl benzoate (3p):

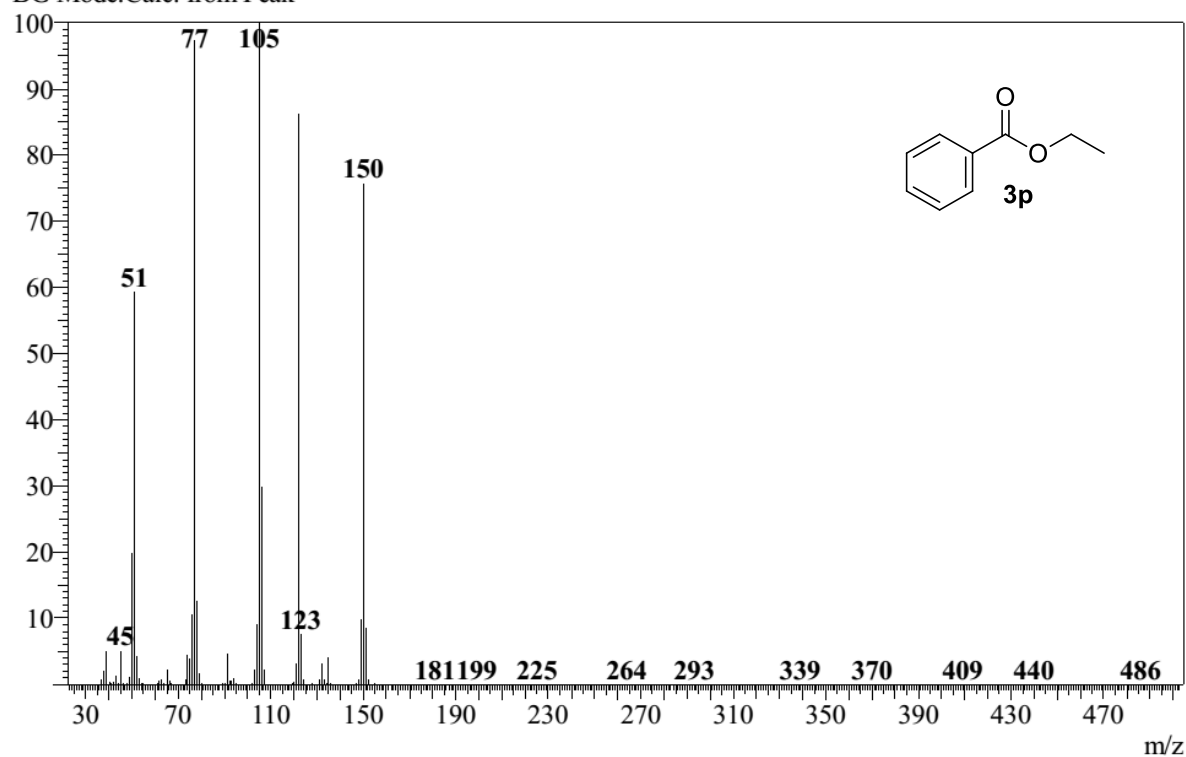


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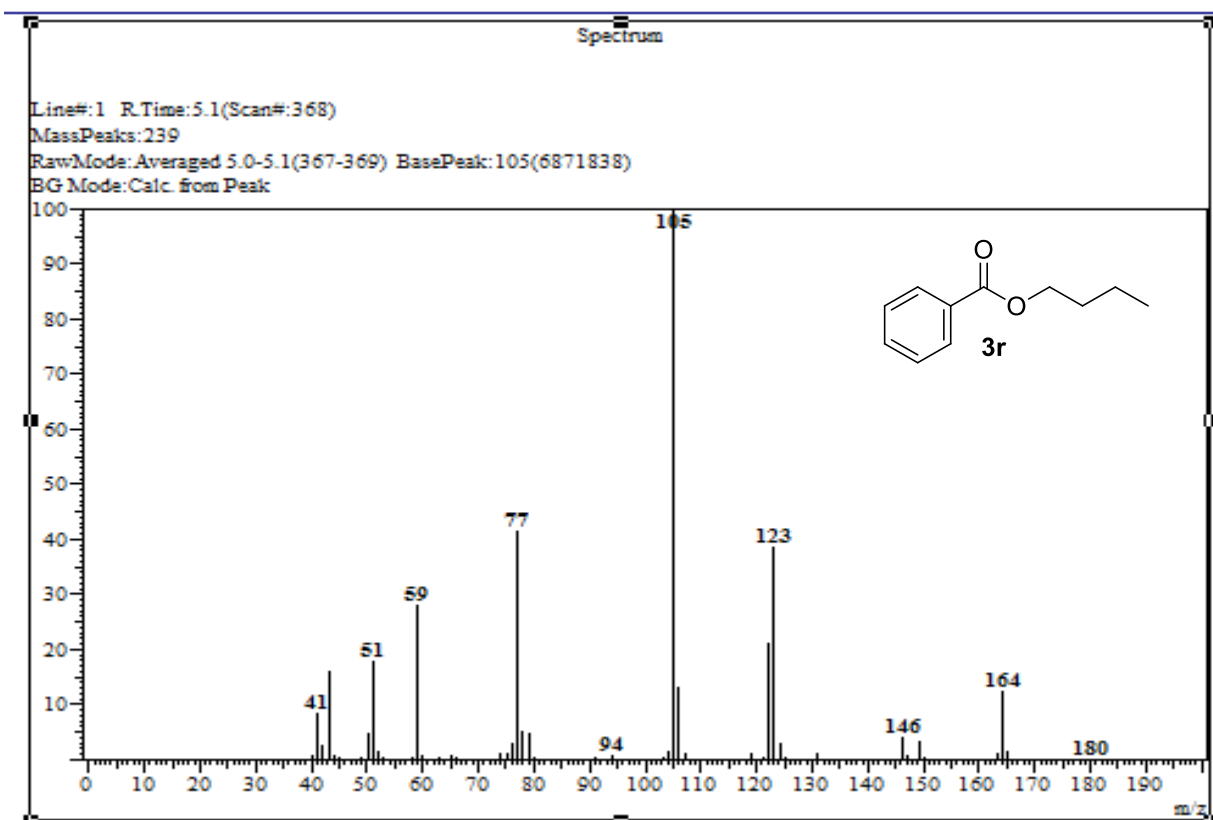
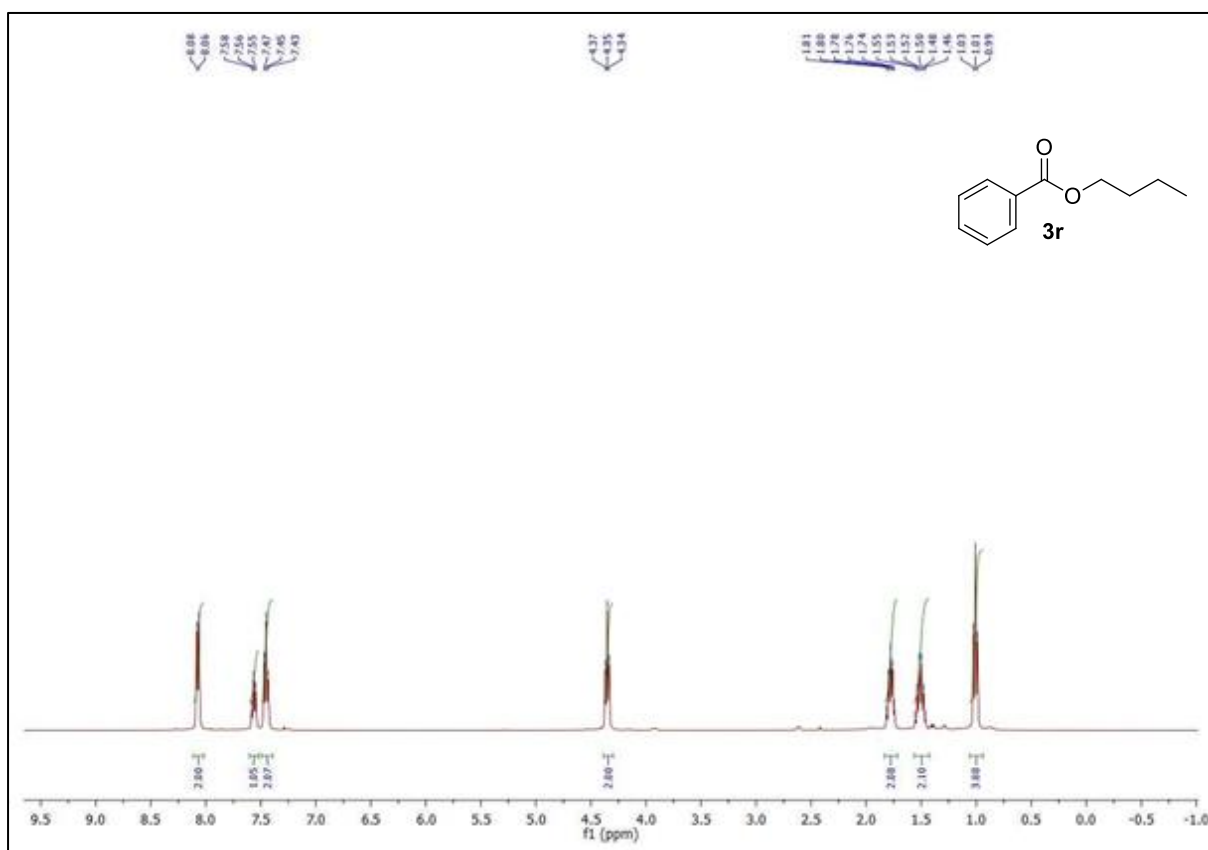
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RawMode:Averaged 3.9-3.9(181-183) BasePeak:105(8328355)

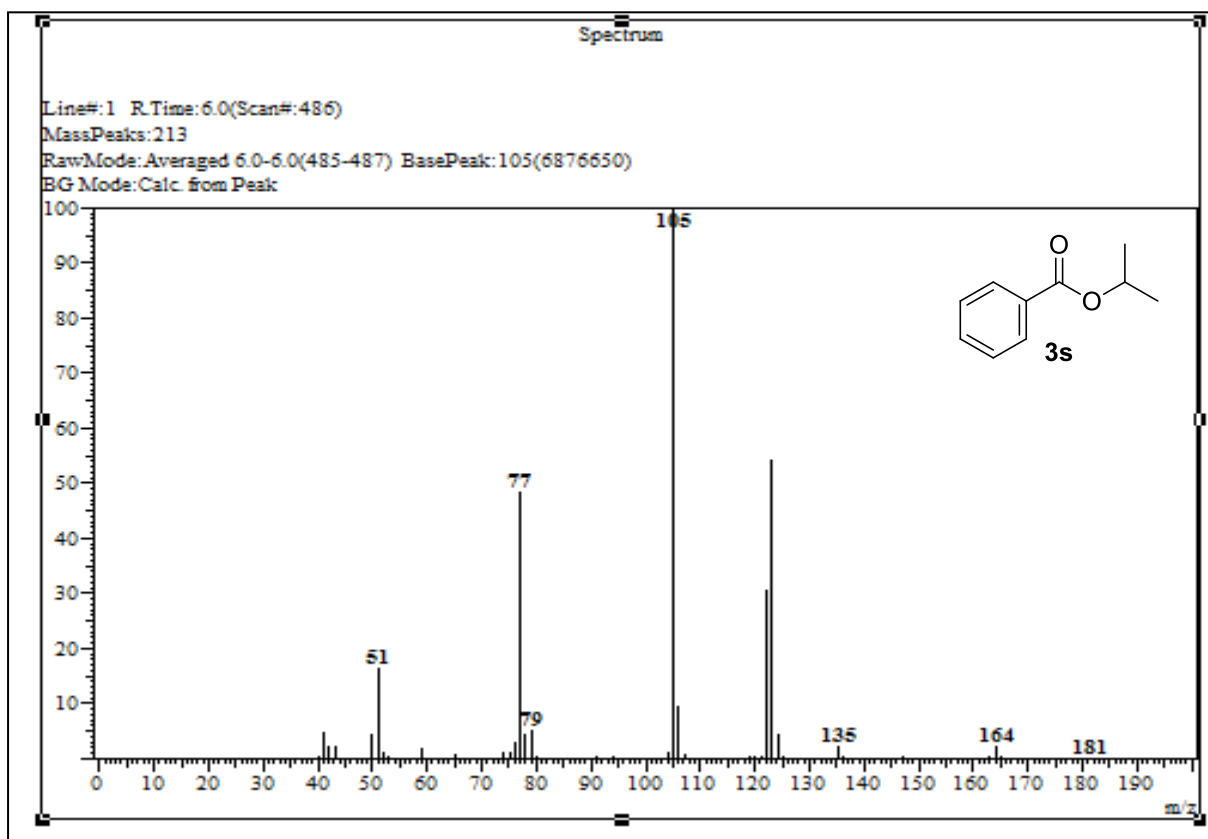
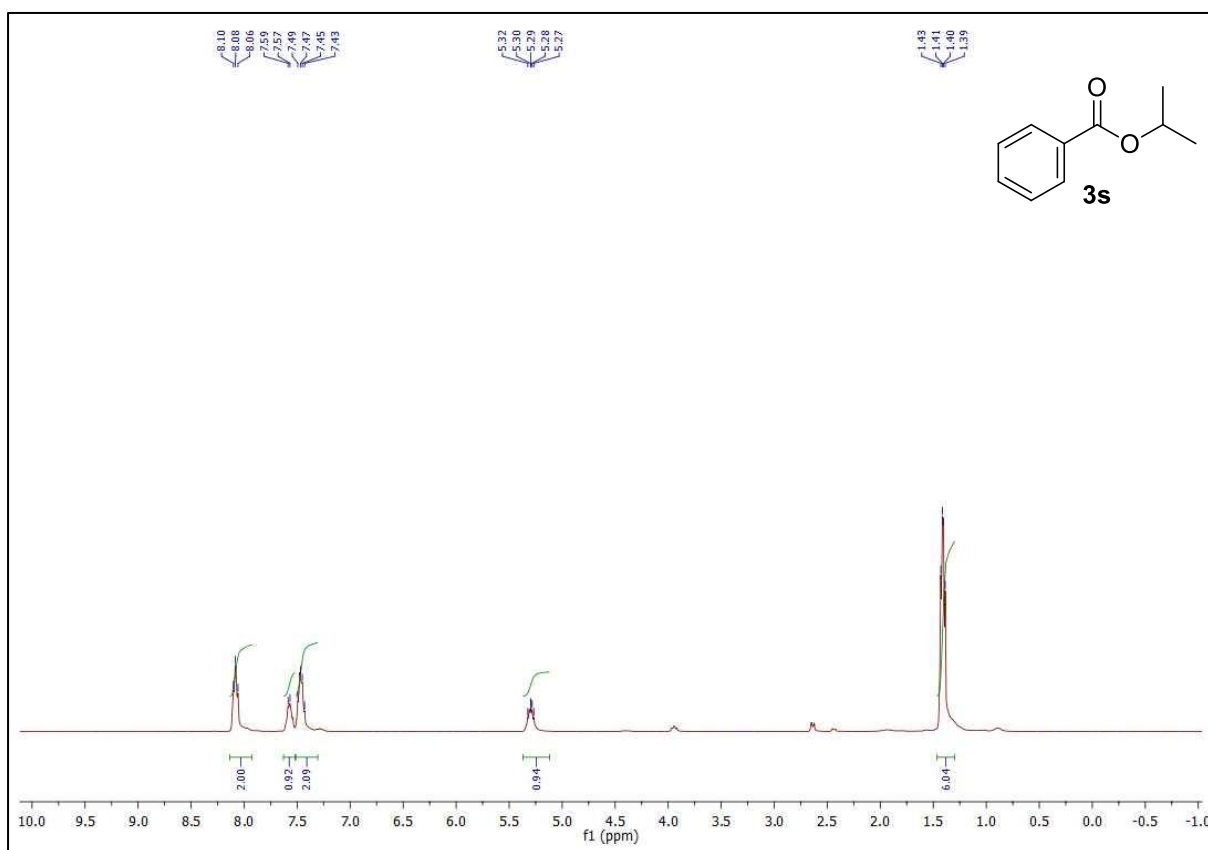
BG Mode:Calc. from Peak



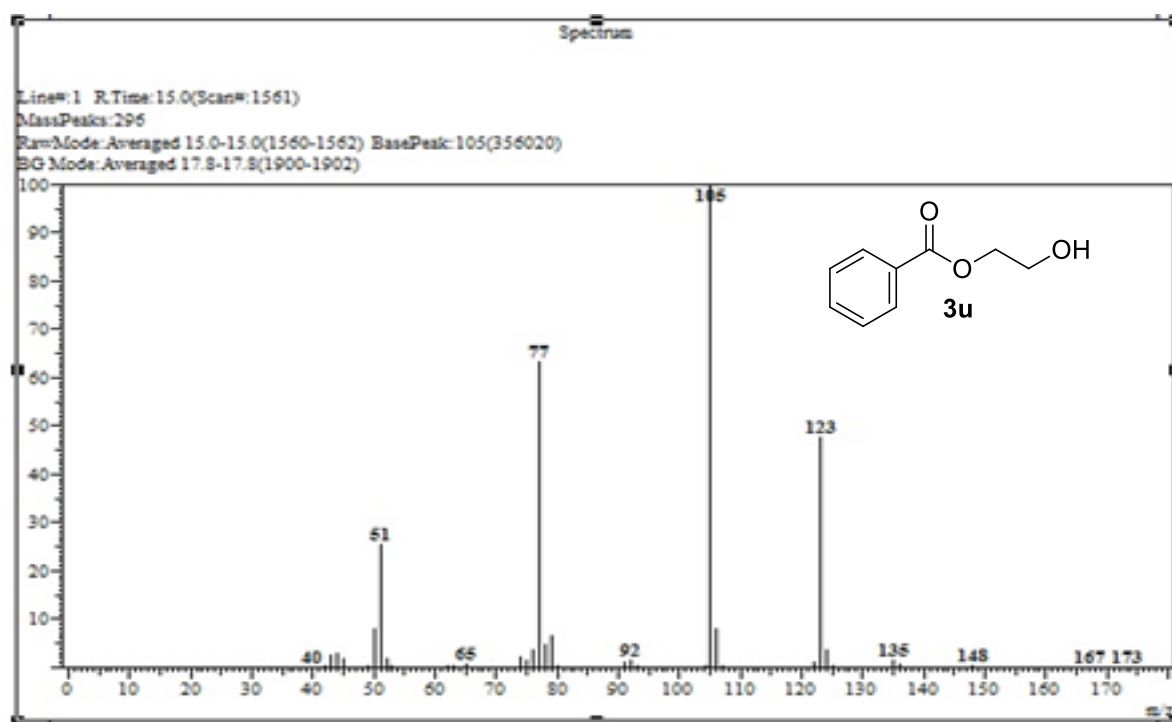
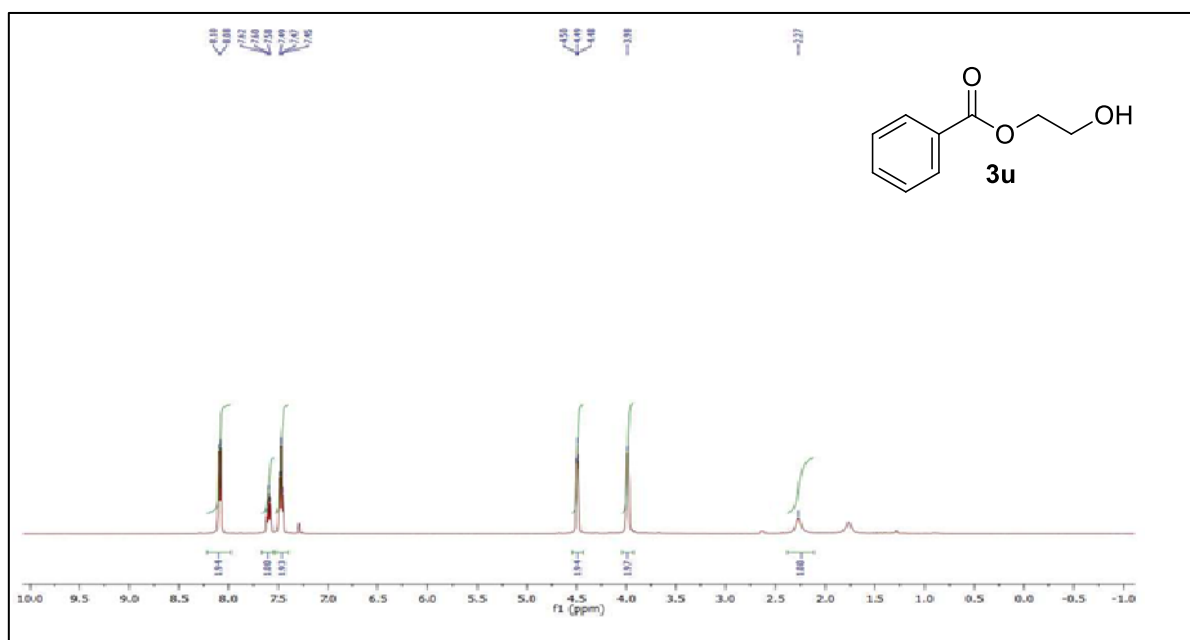
Butyl benzoate(3r):



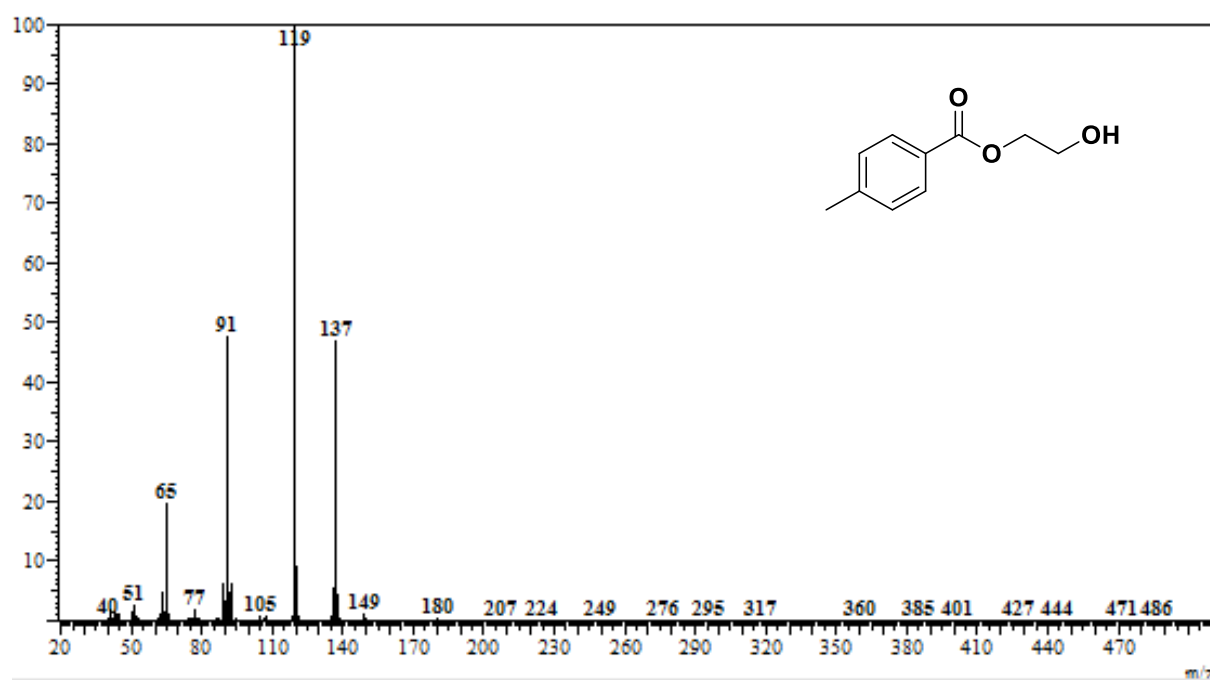
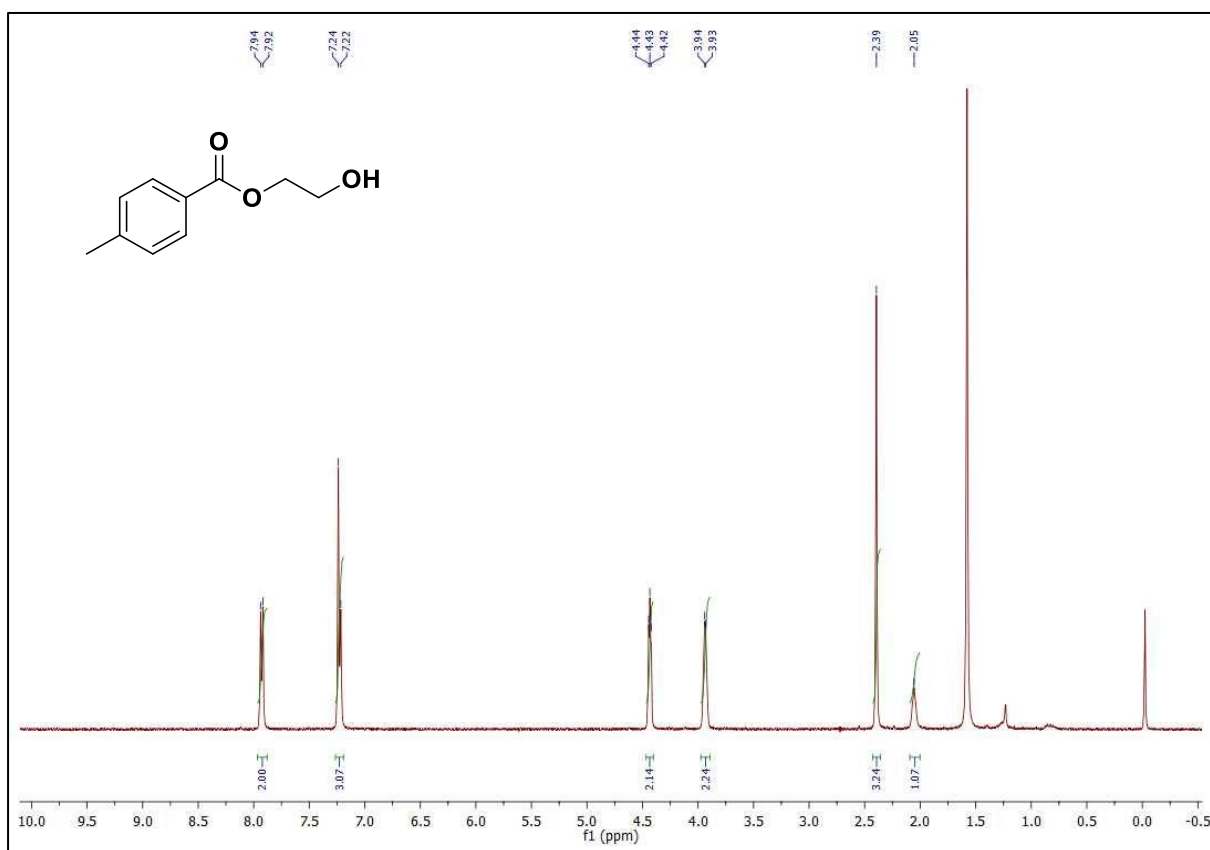
Isopropyl benzoate (3s):



2-hydroxyethyl benzoate (3u):



2-hydroxy ethyl 4-methyl benzoate (3v) :



2-hydroxy ethyl 4-nitro benzoate (3w) :

