

**ONE-POT SYNTHESIS OF ISOINDOLIN-1-ONES FROM NITROARENES  
AND *o*-PHTHALALDEHYDE VIA INDIUM-MEDIATED REDUCTIVE  
CONDENSATION REACTIONS**

Eungyung Kim, Mingyeong Jeong, Byung Min Lee<sup>†</sup>, Byeong Hyo Kim\*

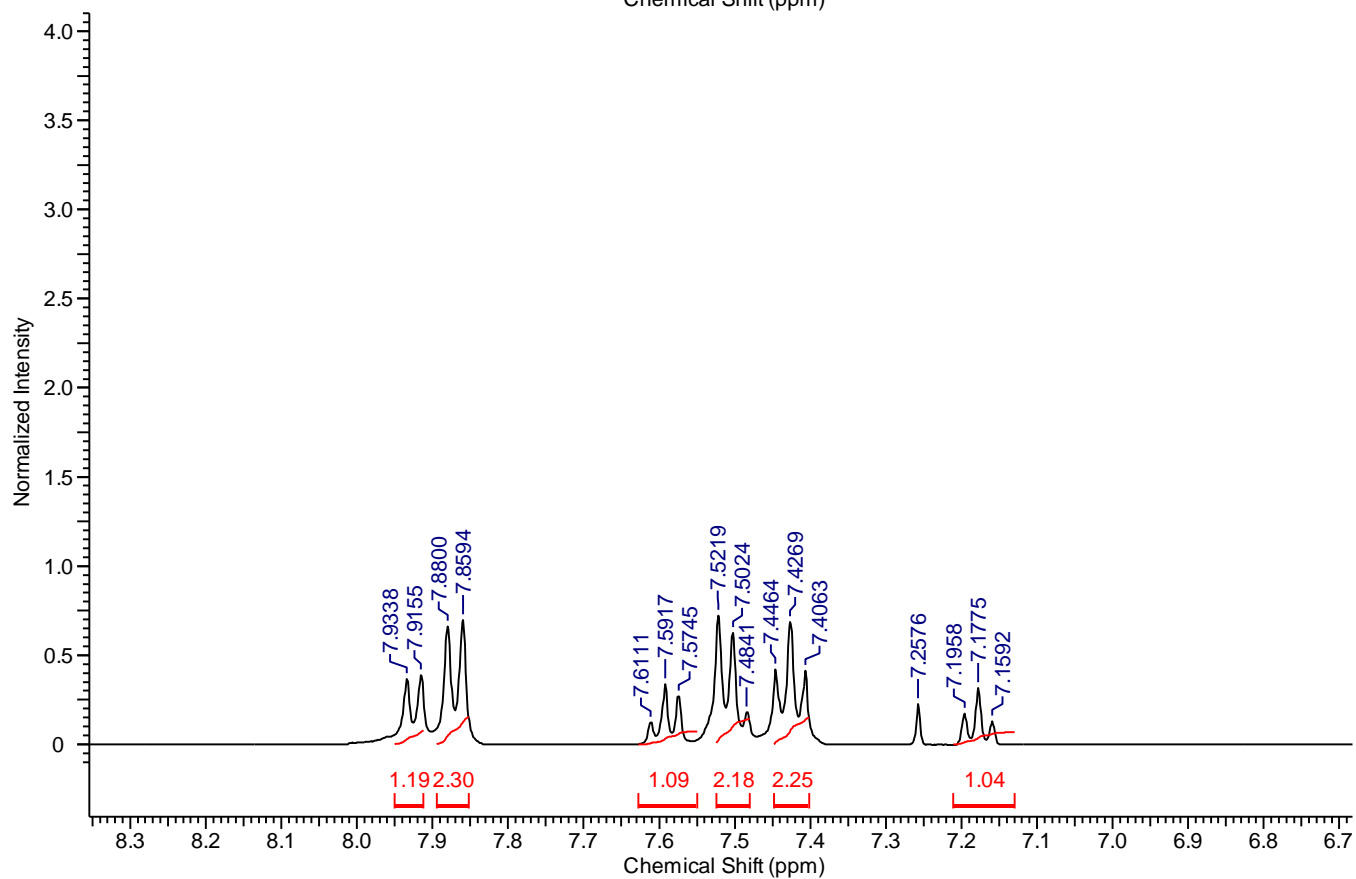
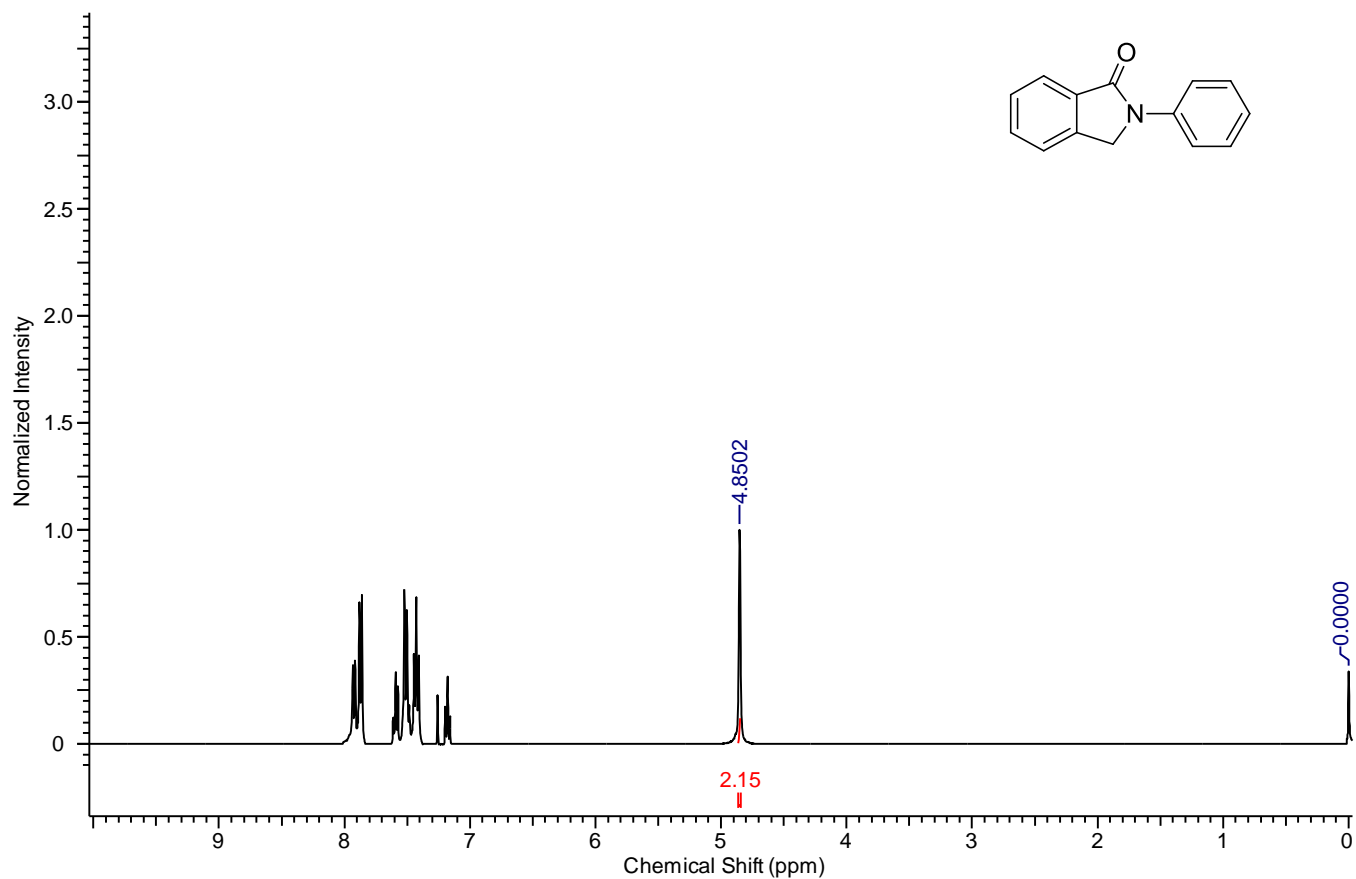
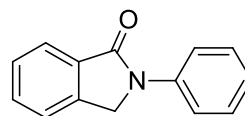
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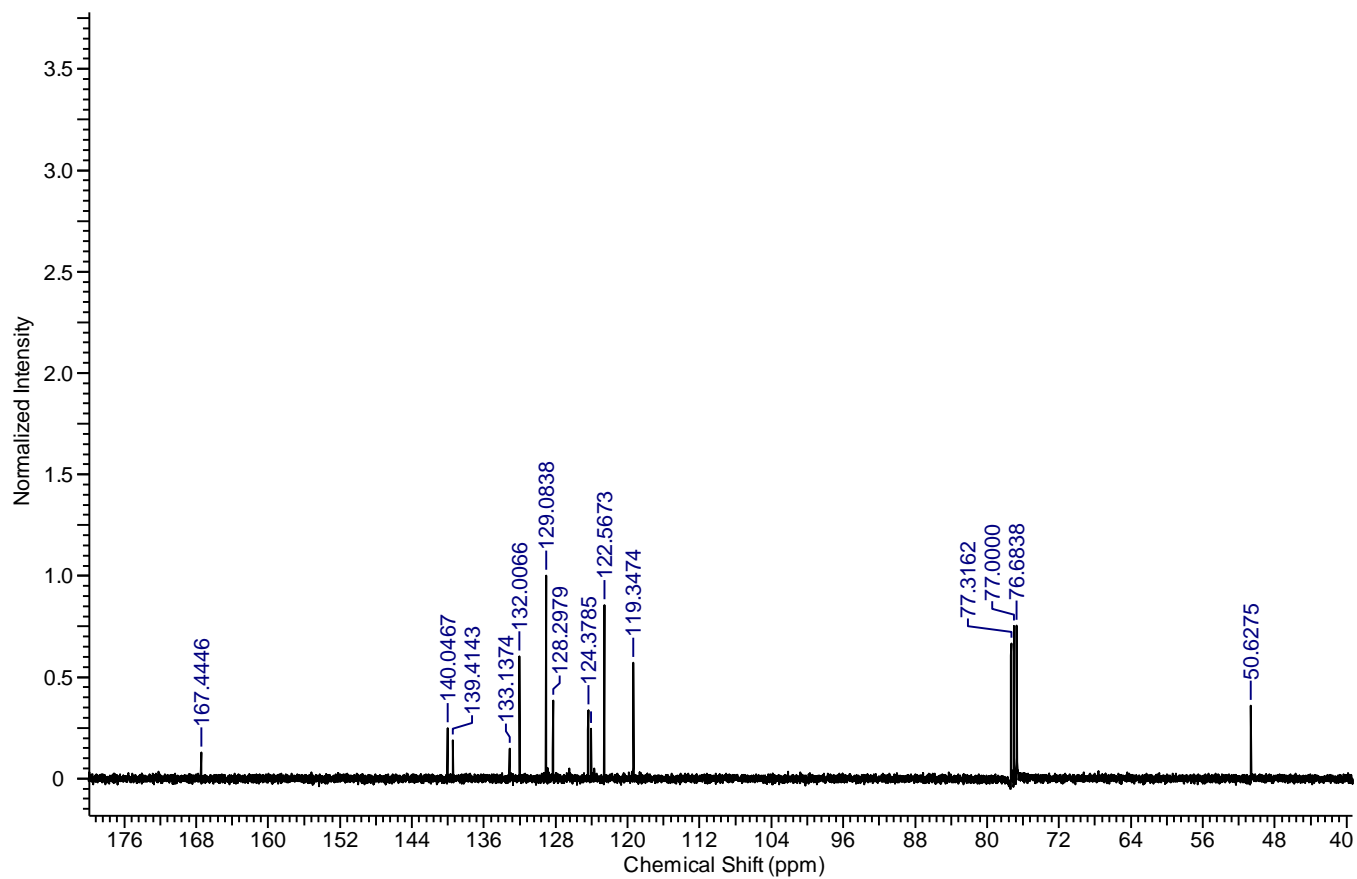
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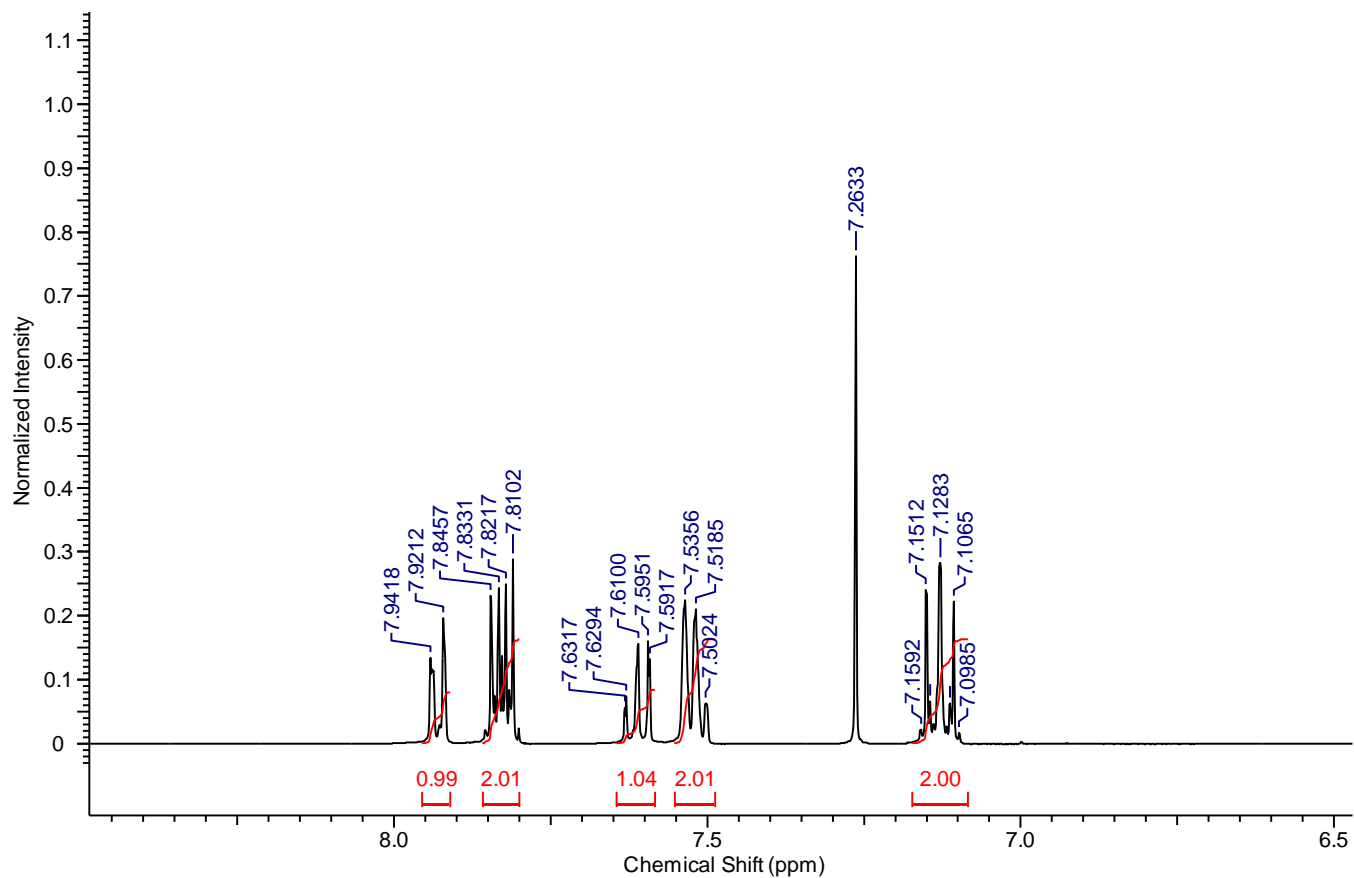
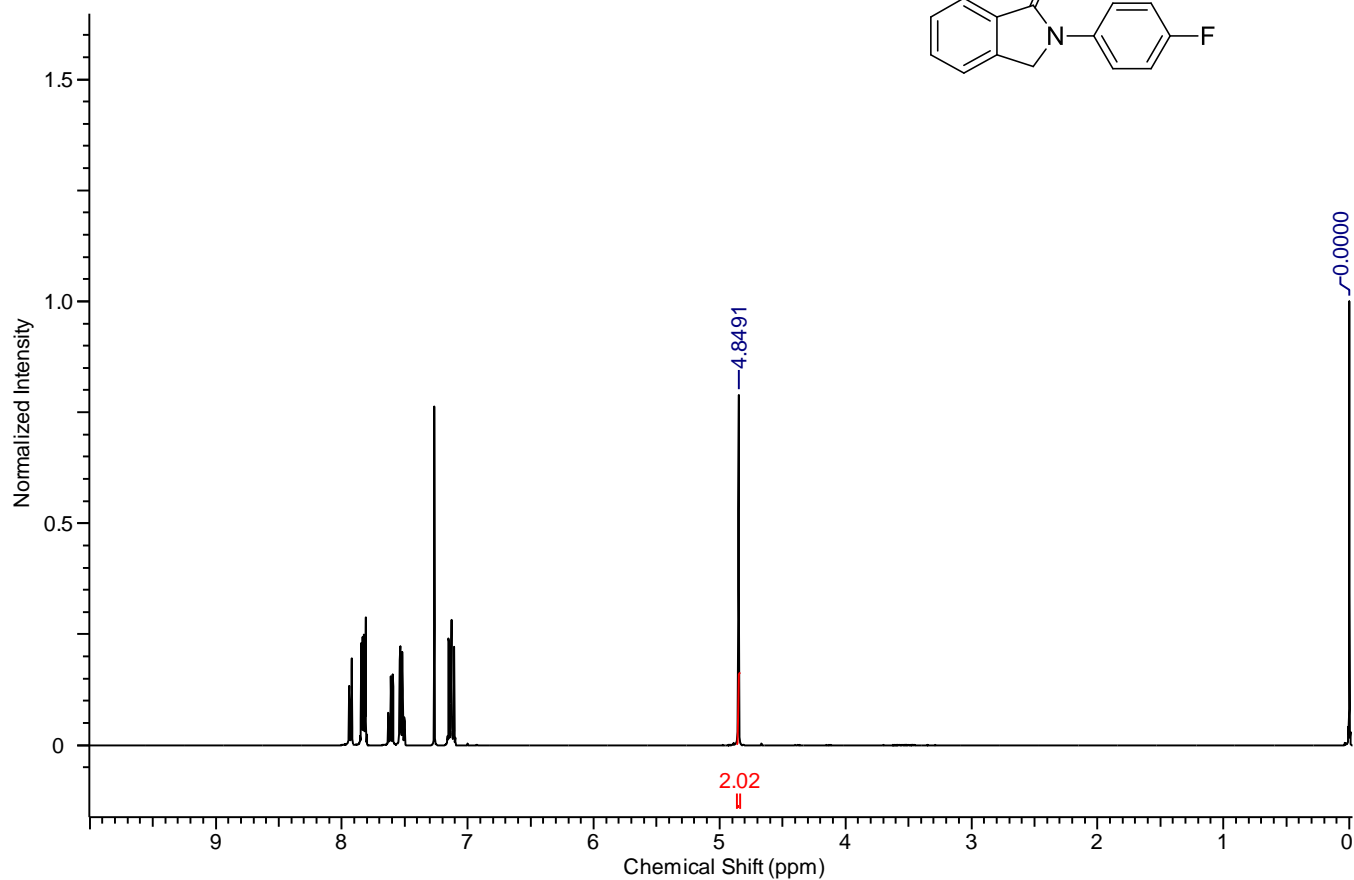
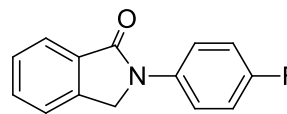
# <sup>1</sup>H NMR spectra of 2-phenylisoindolin-1-one (1)



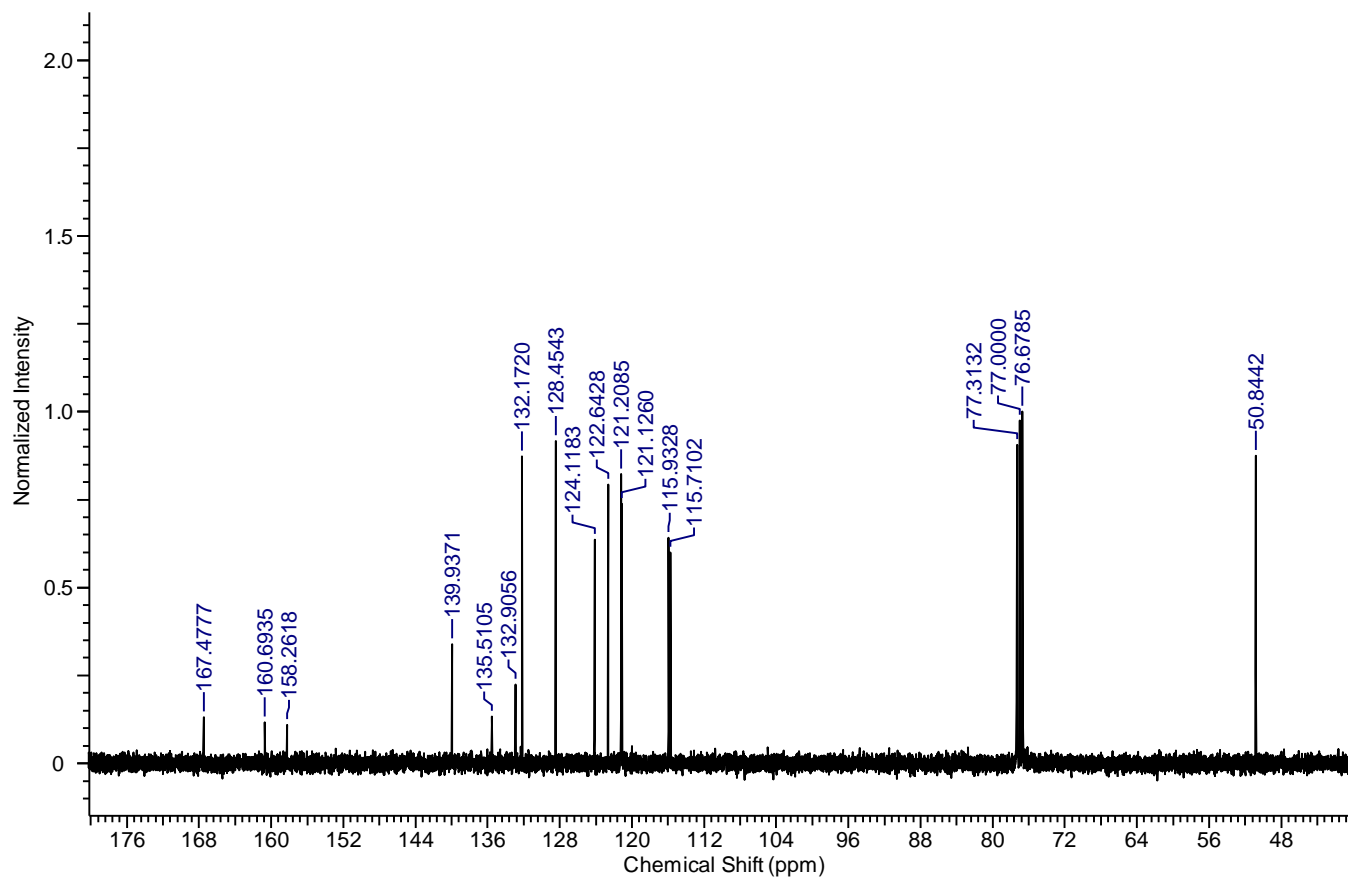
<sup>13</sup>C NMR spectrum of **2-phenylisoindolin-1-one (1)**



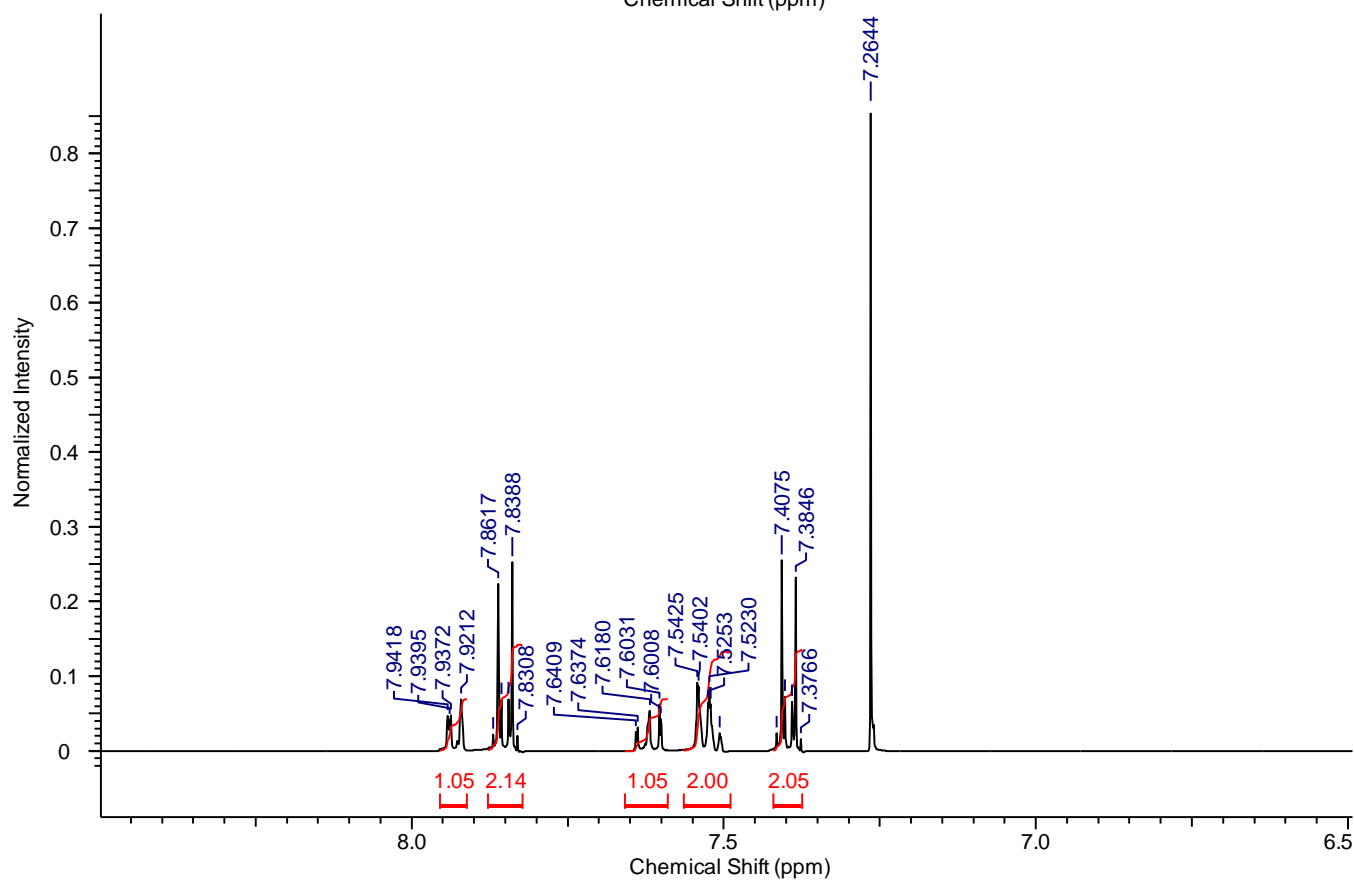
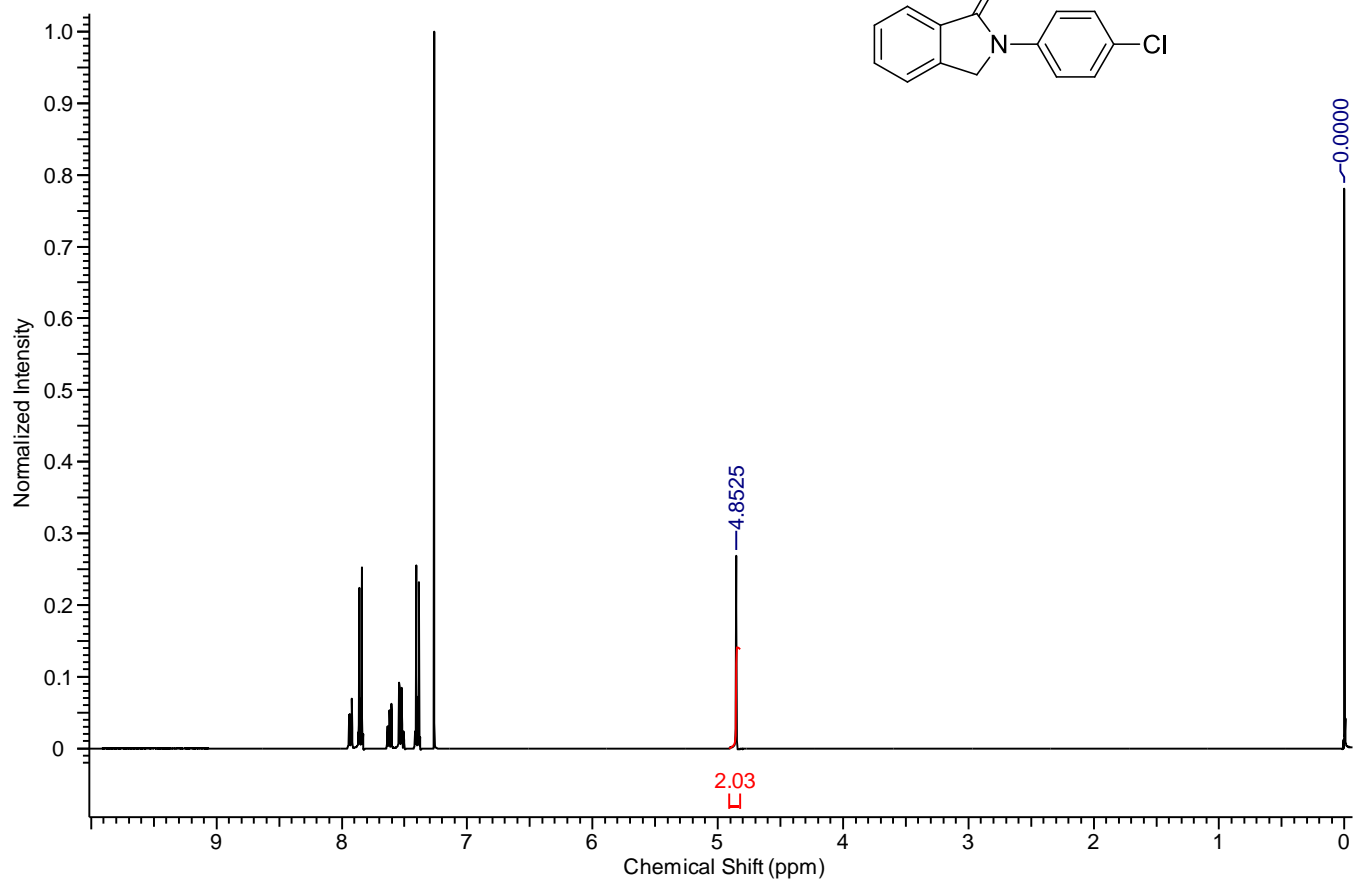
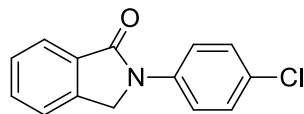
<sup>1</sup>H NMR spectra of 2-(4-fluorophenyl)isoindolin-1-one (2)



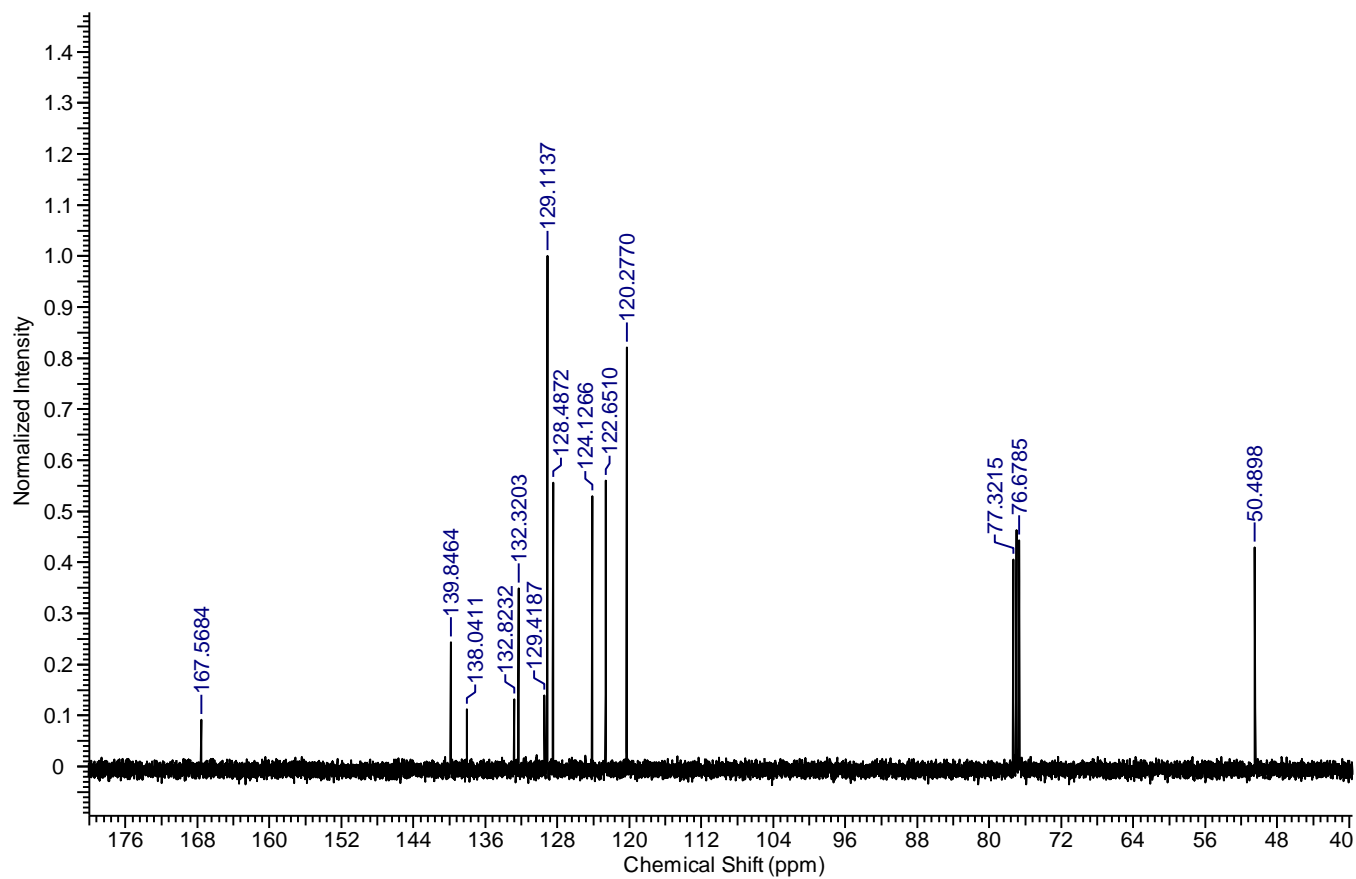
<sup>13</sup>C NMR spectrum of 2-(4-fluorophenyl)isoindolin-1-one (2)



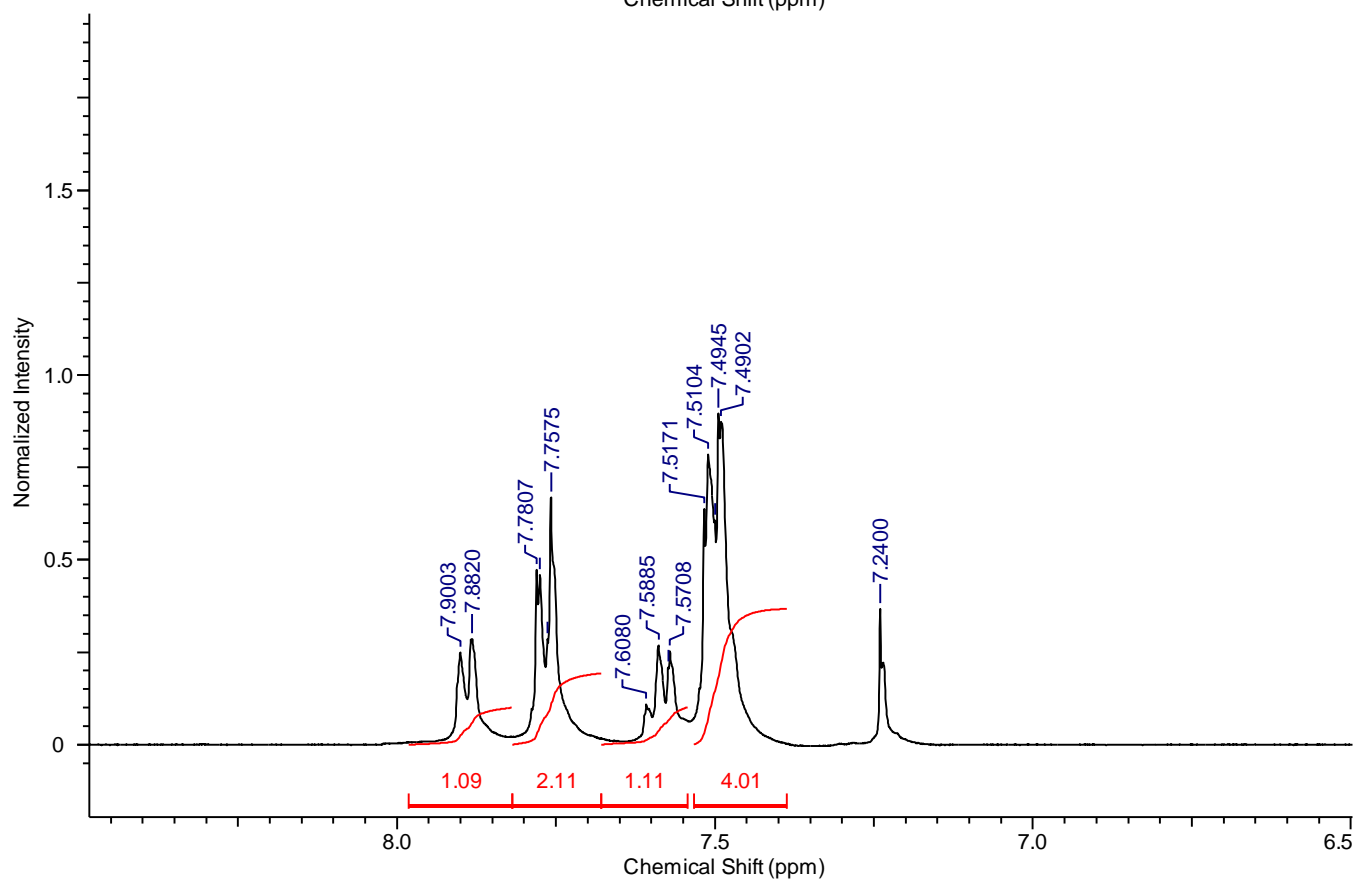
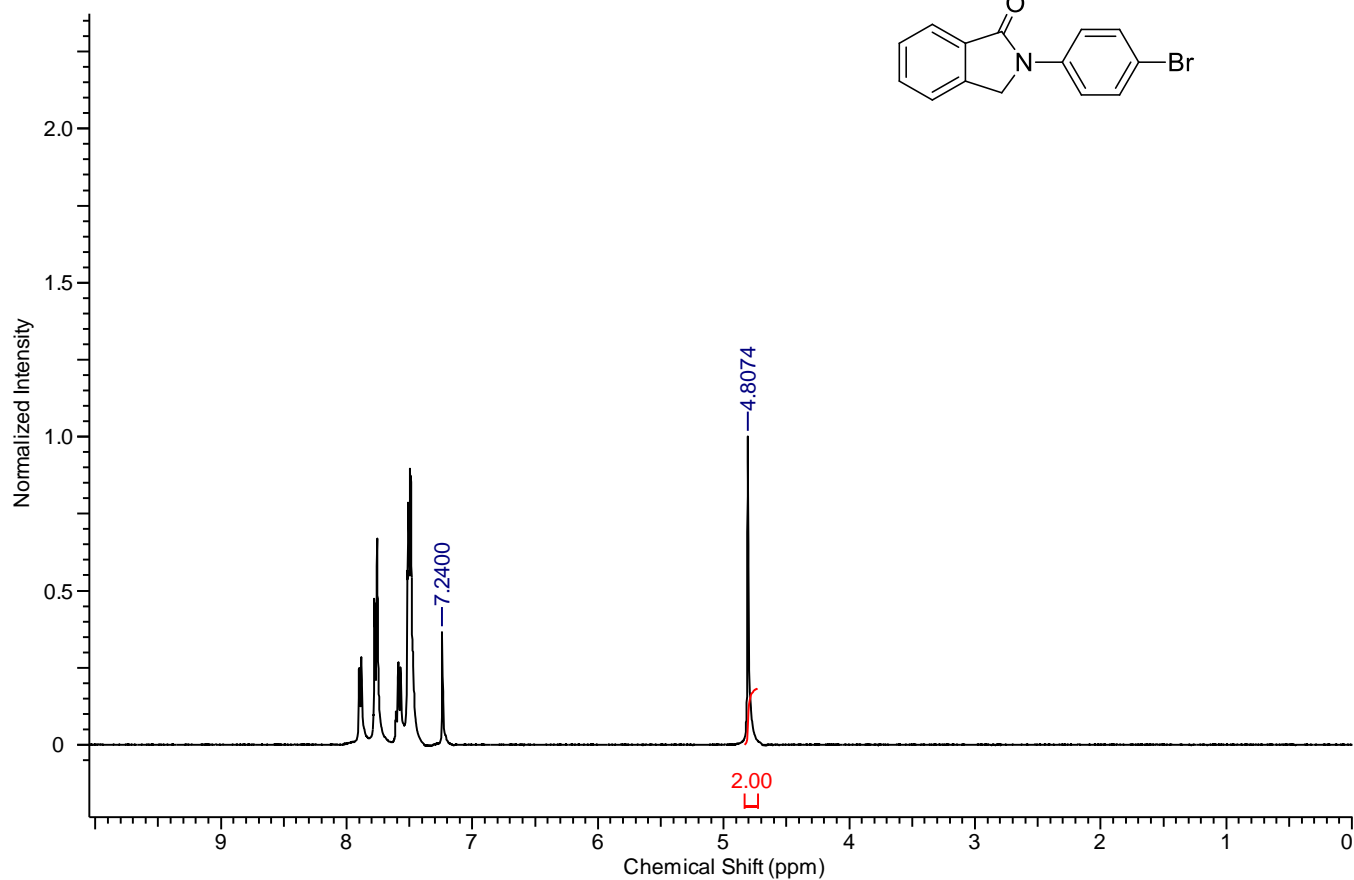
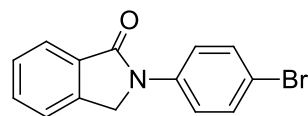
# <sup>1</sup>H NMR spectra of 2-(4-chlorophenyl)isoindolin-1-one (3)



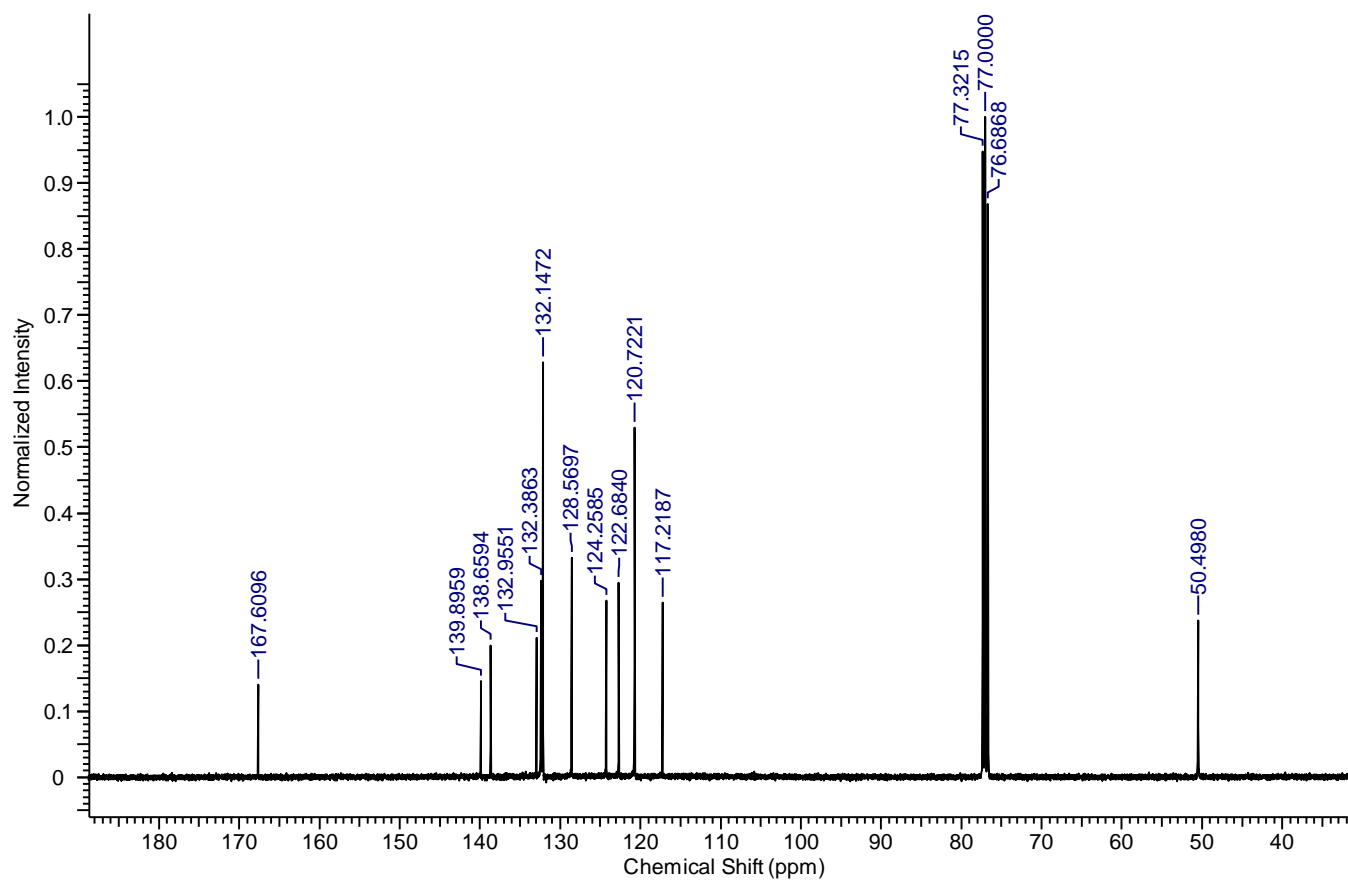
<sup>13</sup>C NMR spectrum of 2-(4-chlorophenyl)isoindolin-1-one (3)



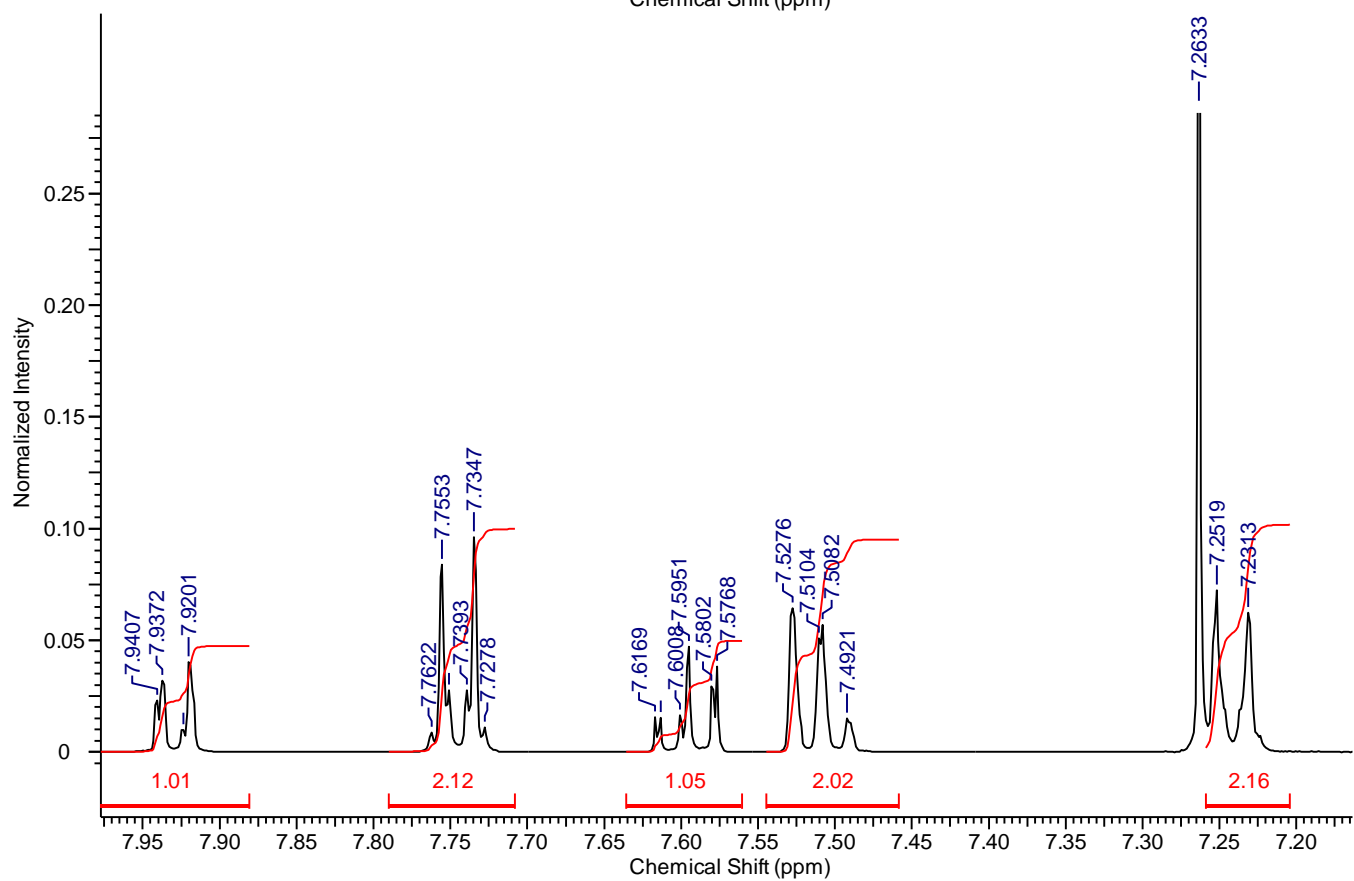
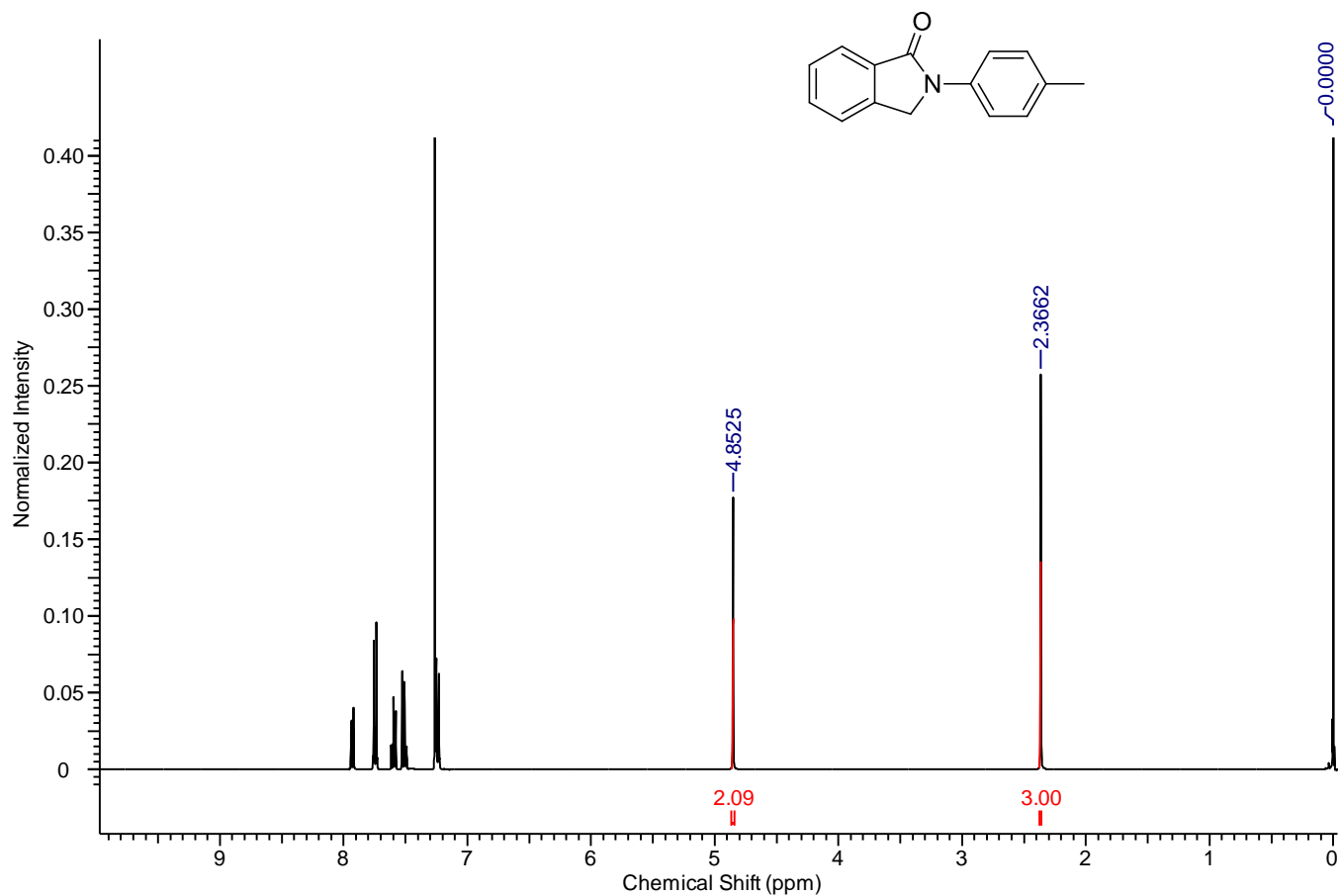
<sup>1</sup>H NMR spectra of **2-(4-bromophenyl)isoindolin-1-one (4)**



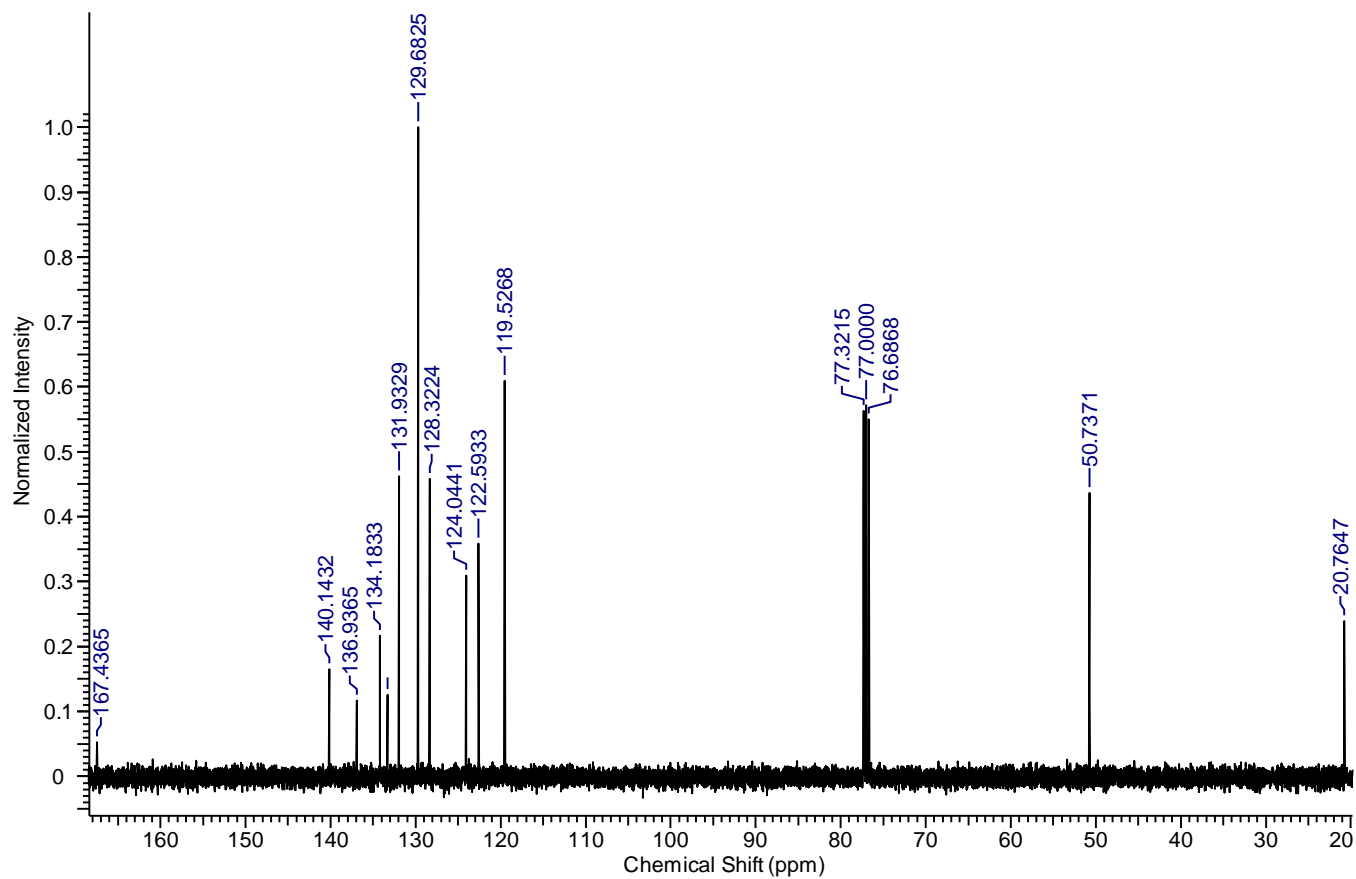
<sup>13</sup>C NMR spectrum of 2-(4-bromophenyl)isoindolin-1-one (4)



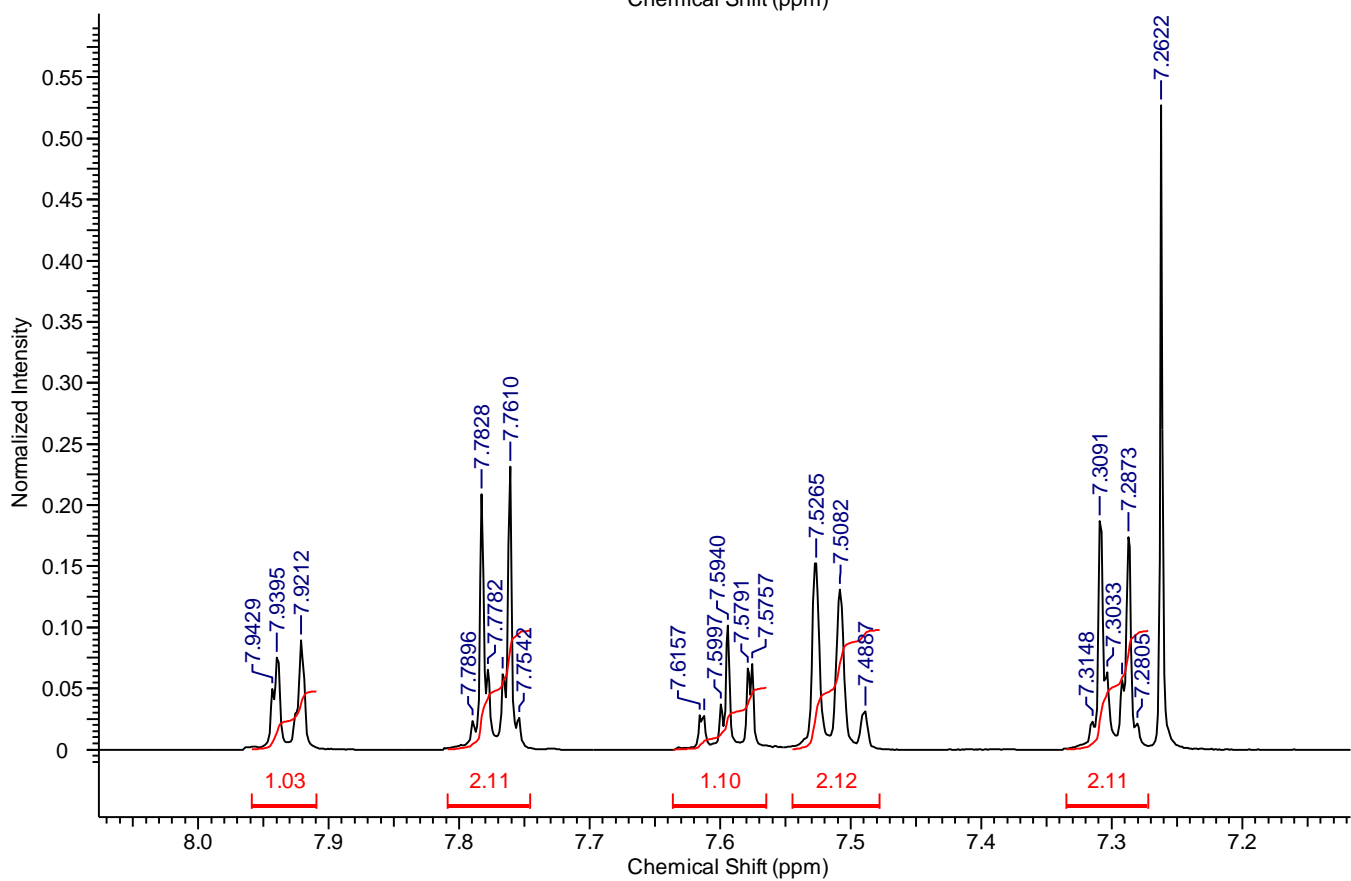
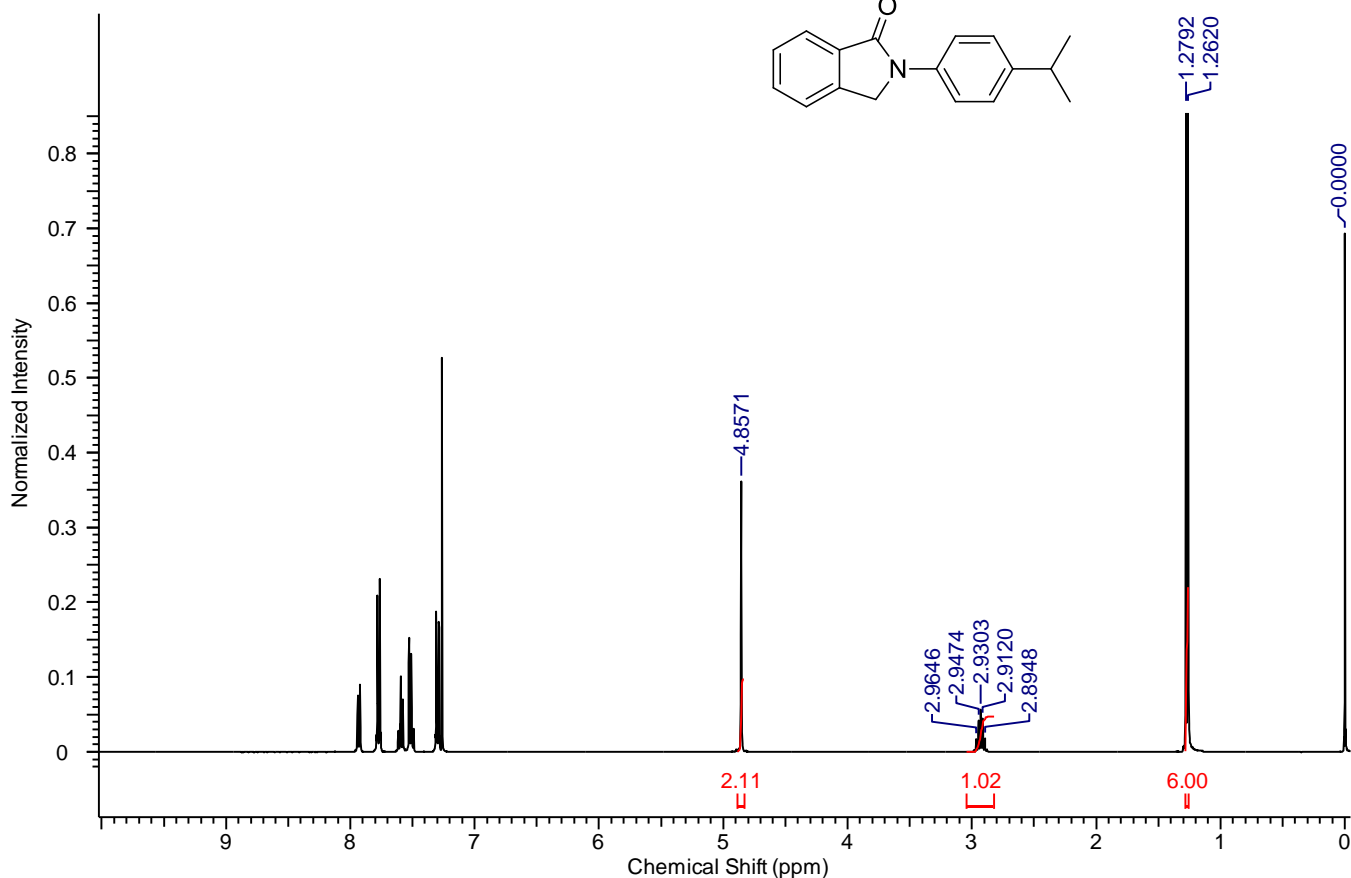
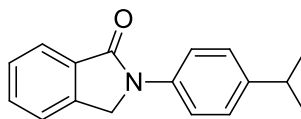
<sup>1</sup>H NMR spectra of **2-(4-methylphenyl)isoindolin-1-one (5)**



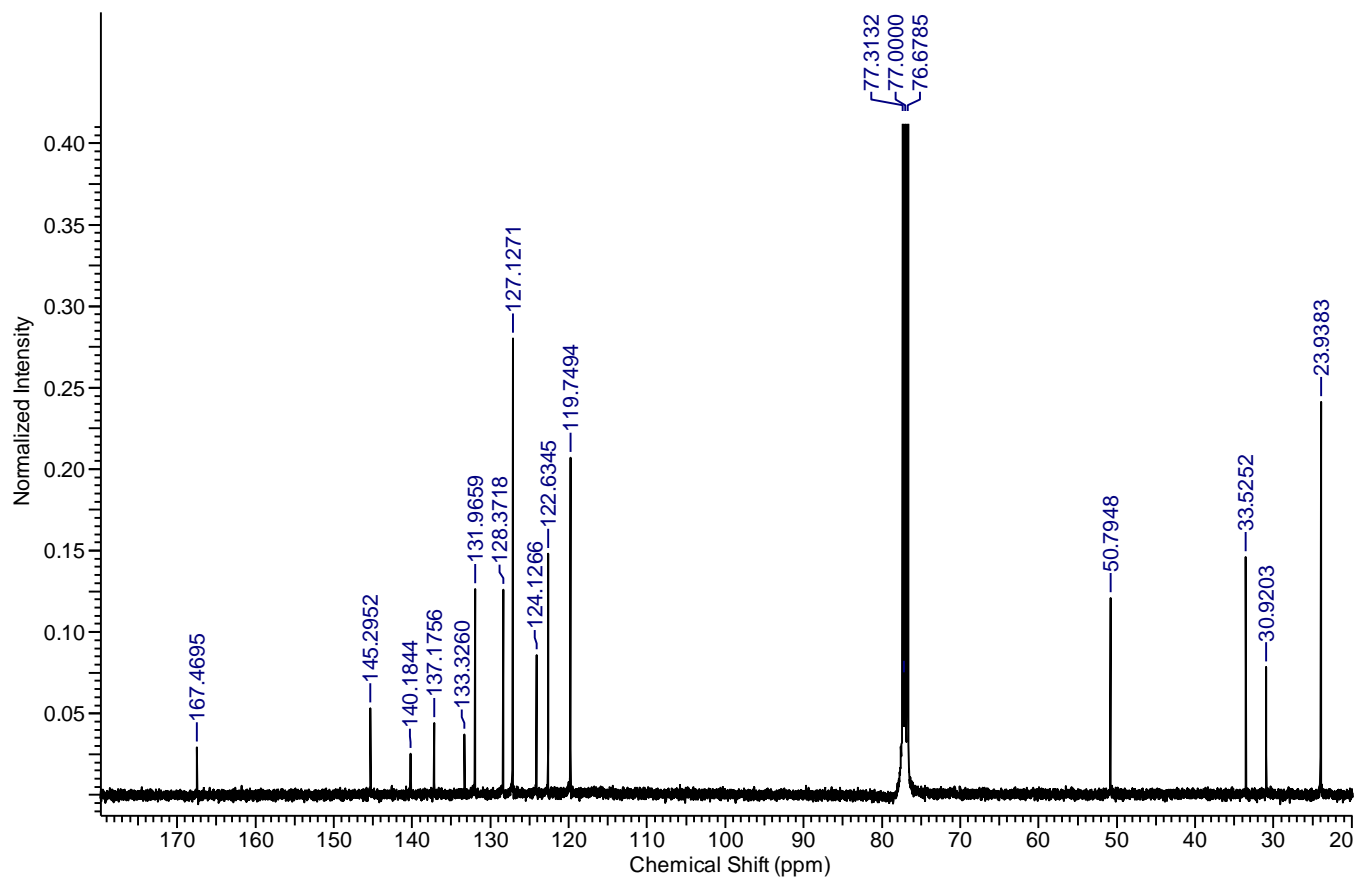
<sup>13</sup>C NMR spectrum of 2-(4-methylphenyl)isoindolin-1-one (5)



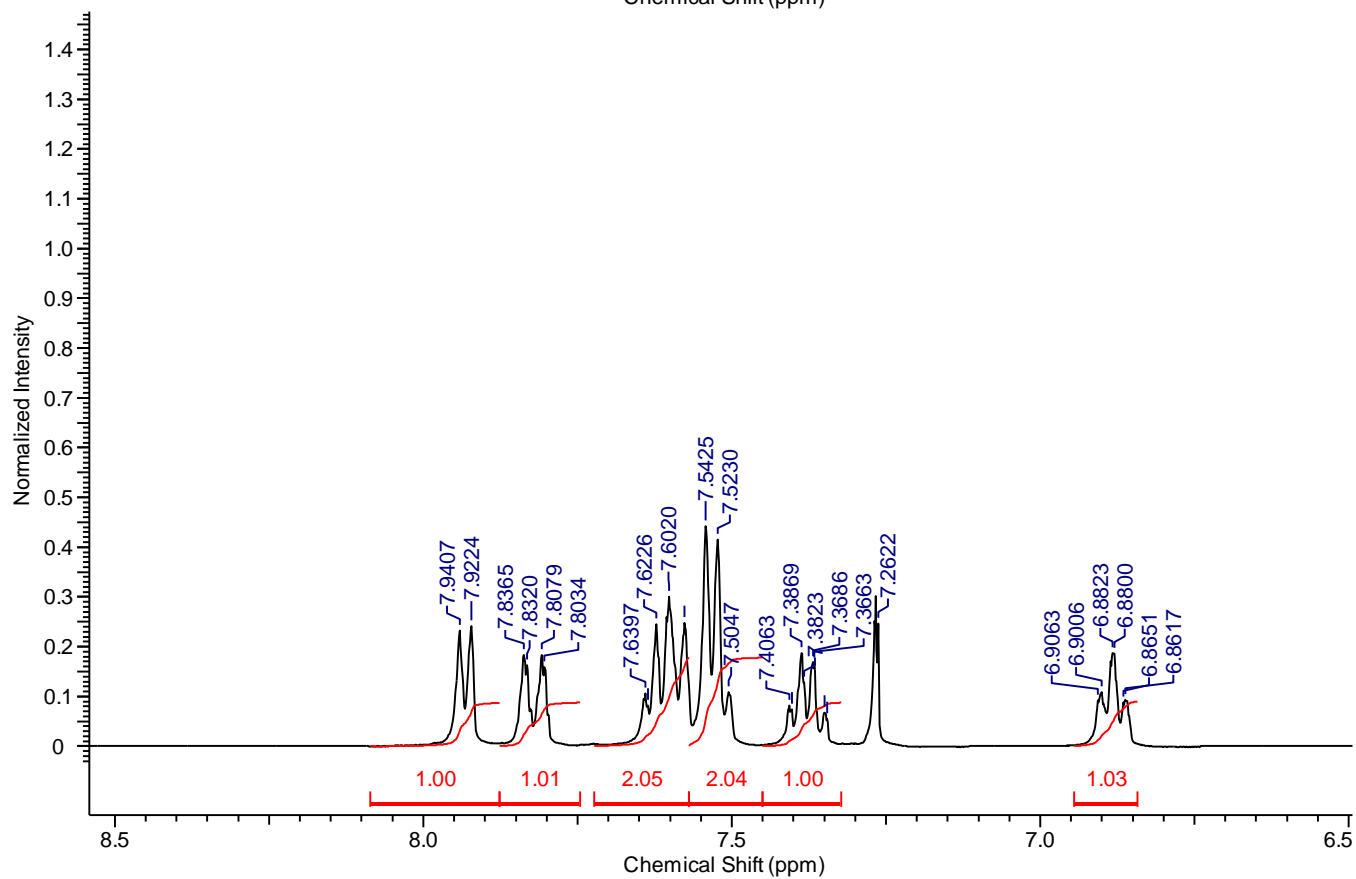
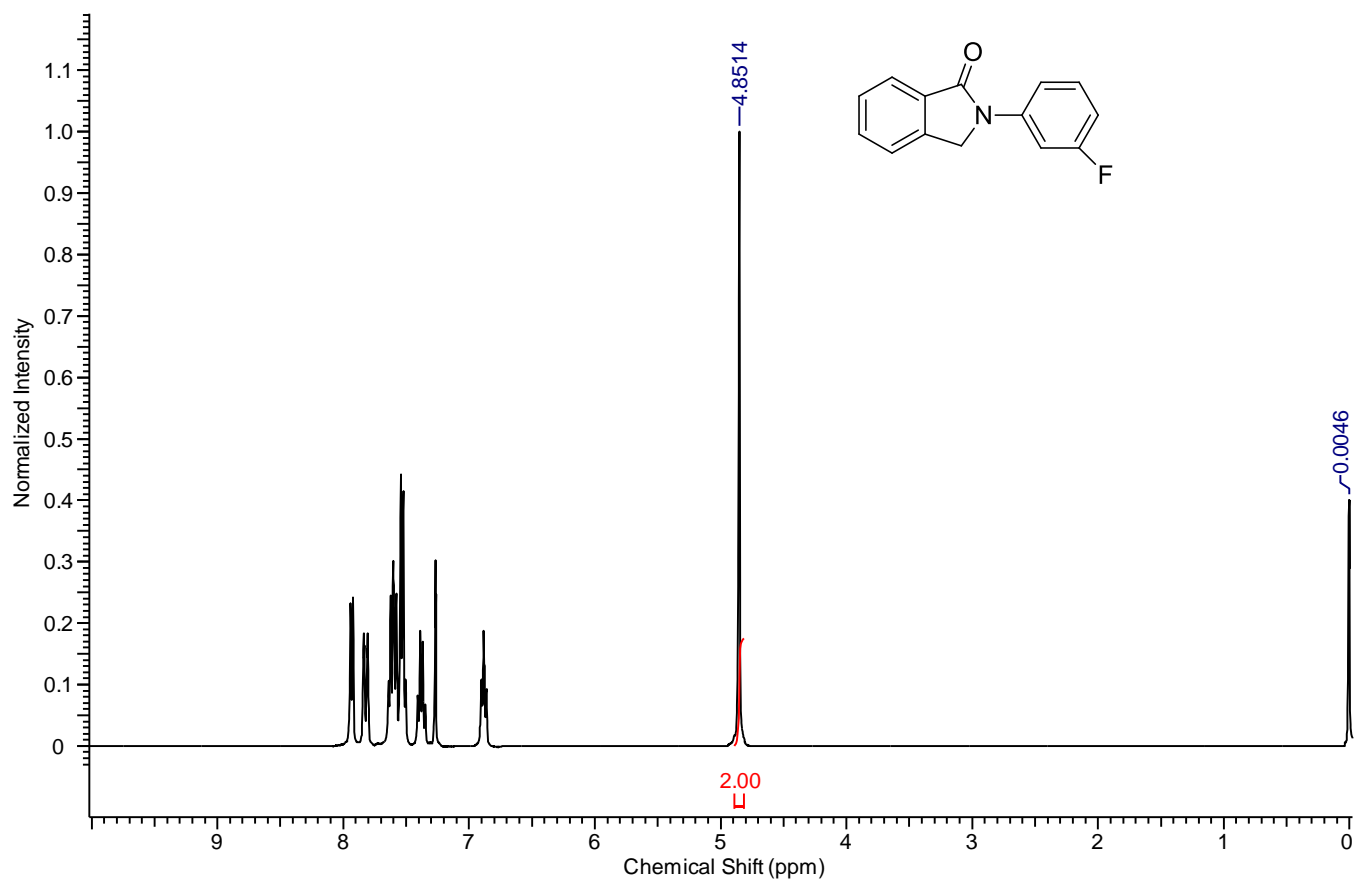
# <sup>1</sup>H NMR spectra of 2-(4-isopropylphenyl)isoindolin-1-one (6)



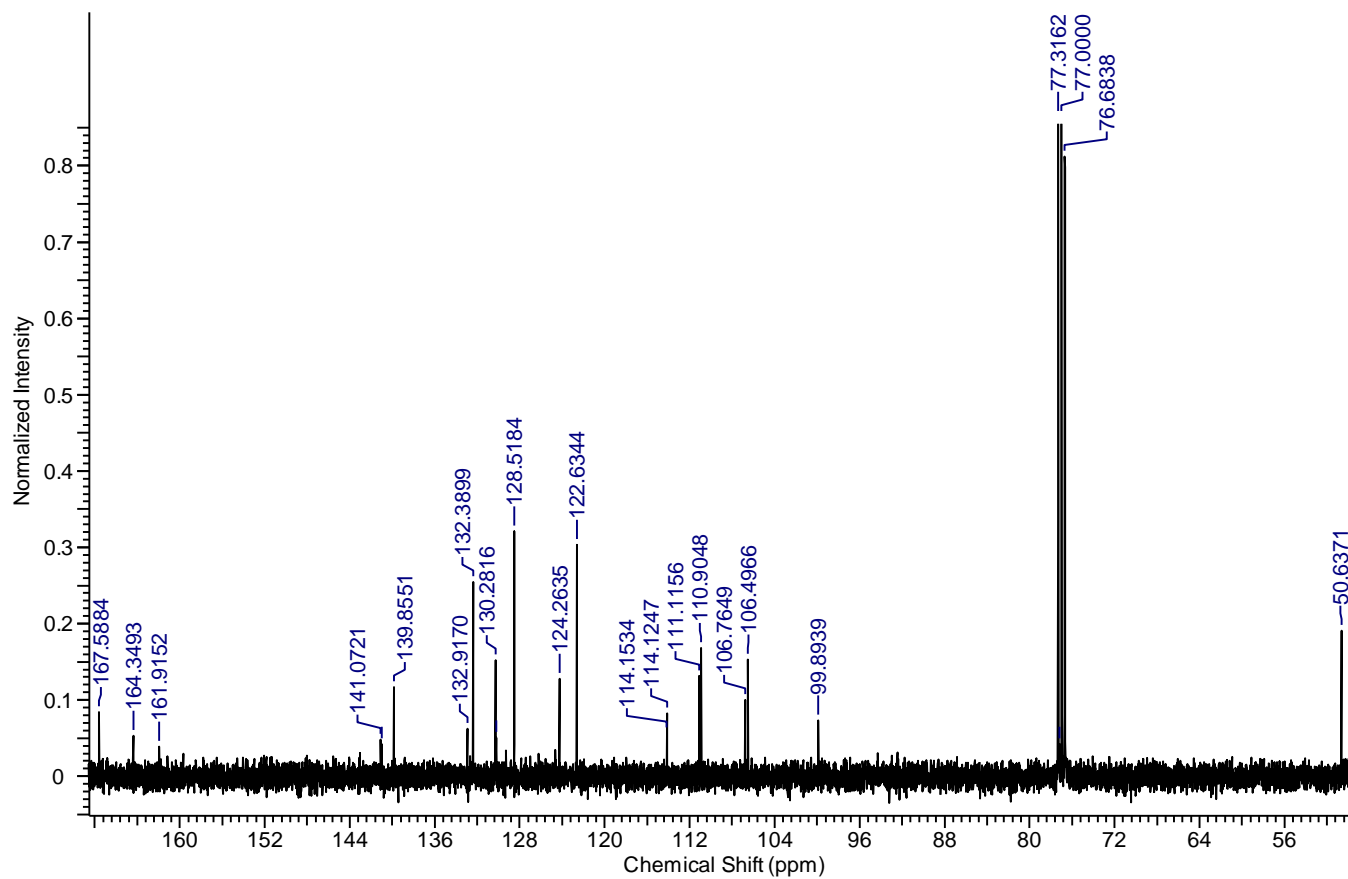
<sup>13</sup>C NMR spectrum of 2-(4-isopropylphenyl)isoindolin-1-one (6)



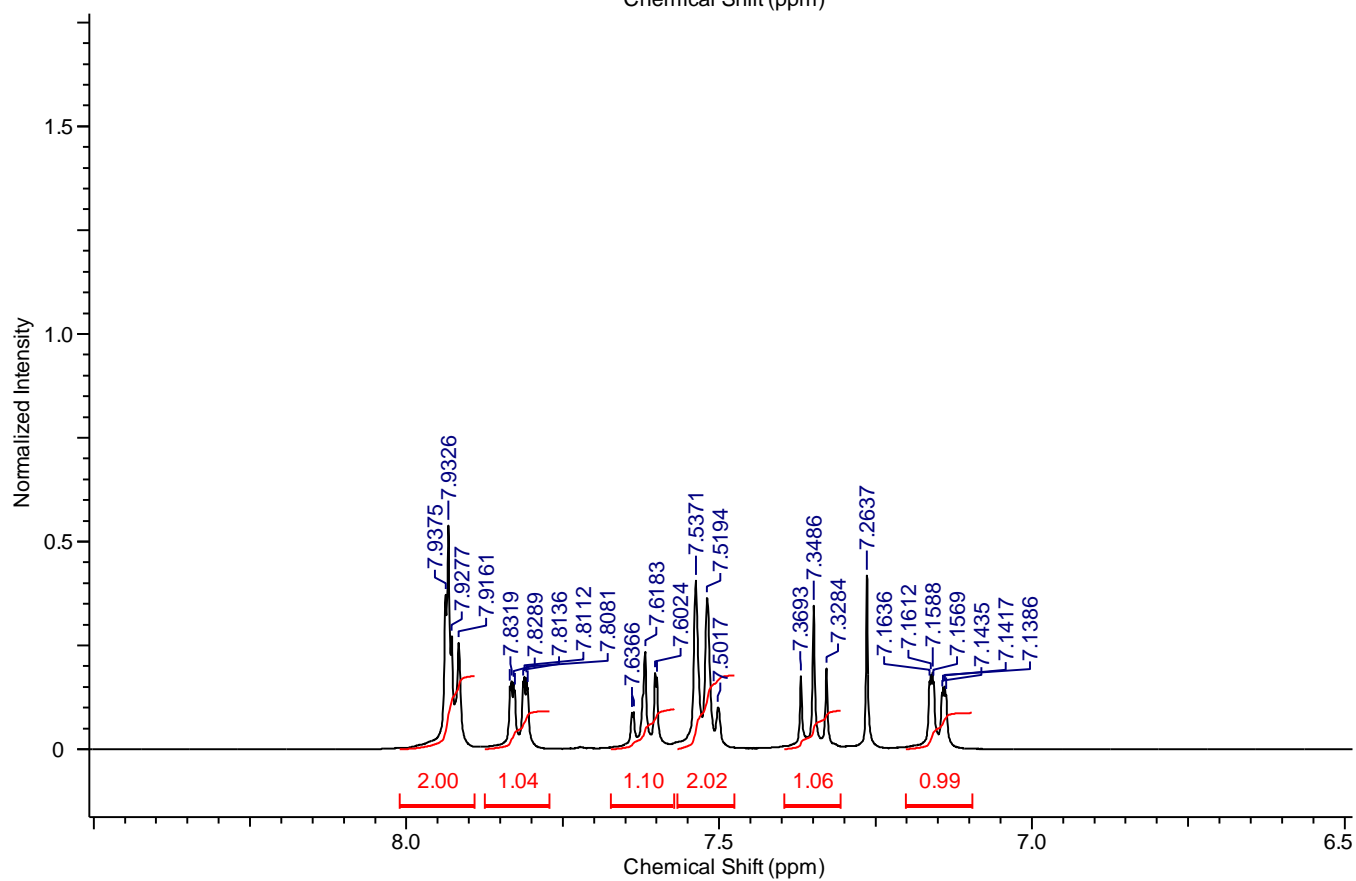
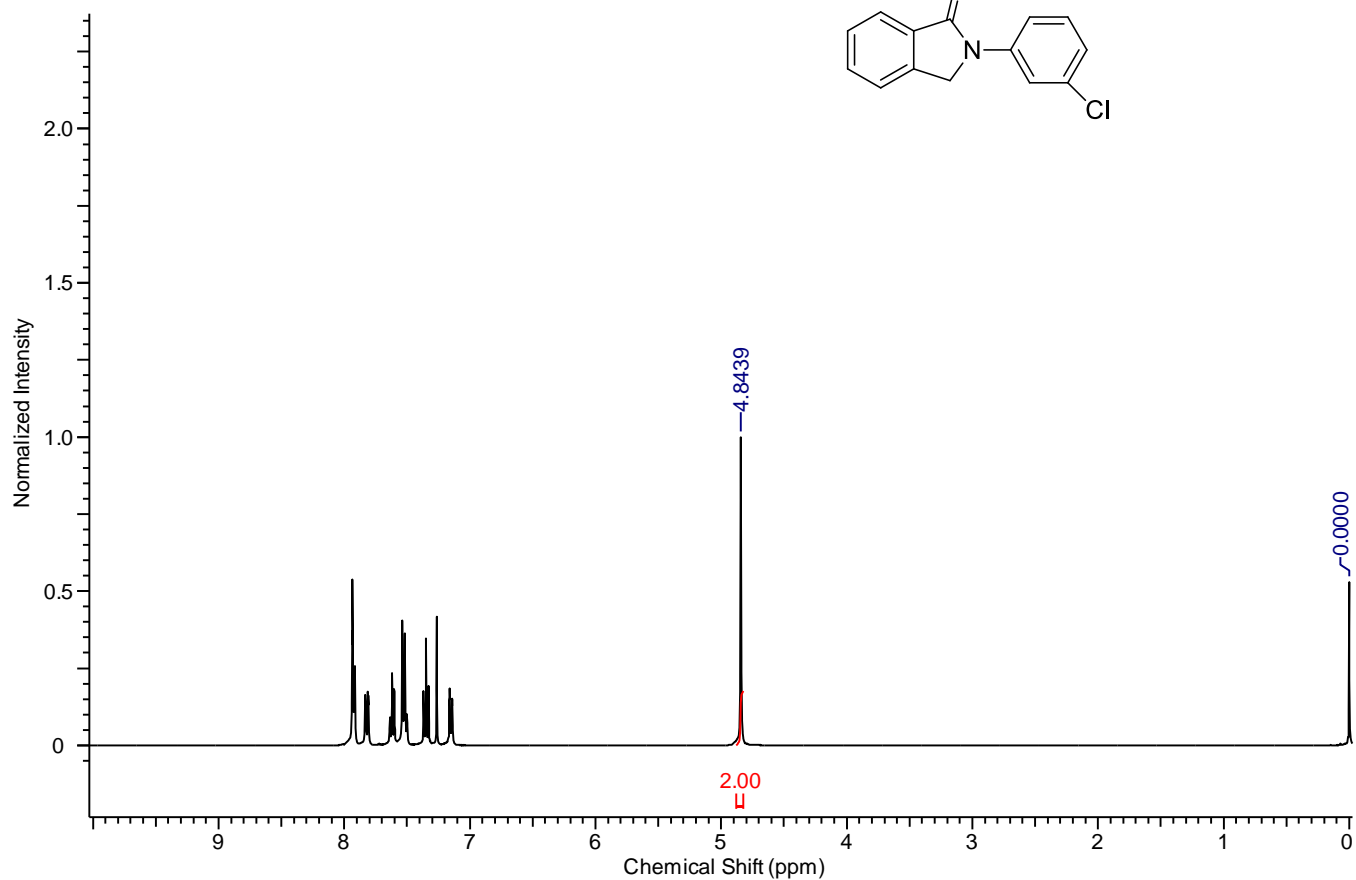
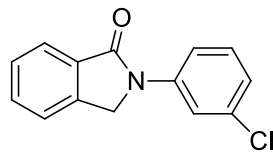
<sup>1</sup>H NMR spectra of 2-(3-fluorophenyl)isoindolin-1-one (7)



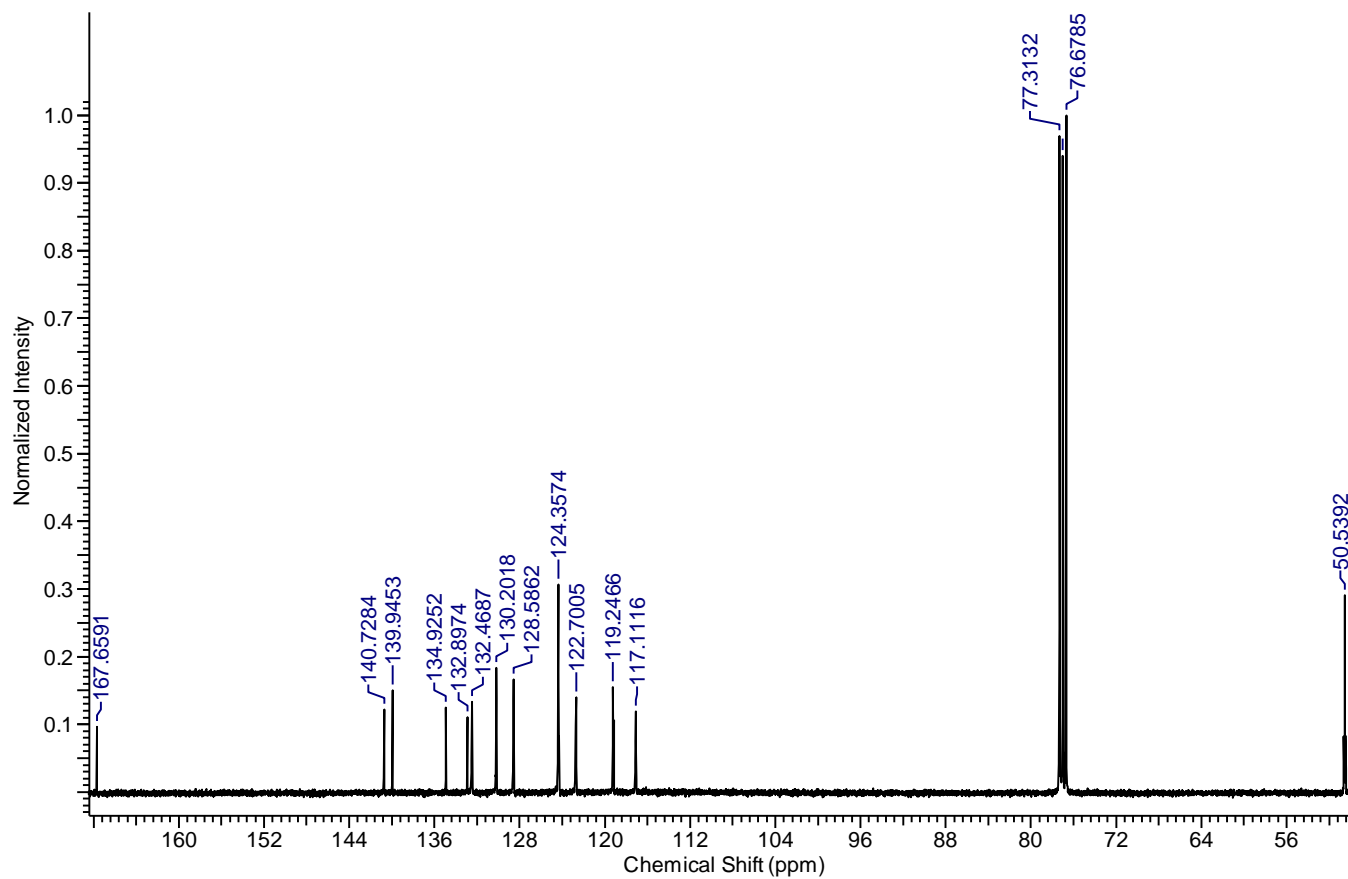
<sup>13</sup>C NMR spectrum of 2-(3-fluorophenyl)isoindolin-1-one (7)



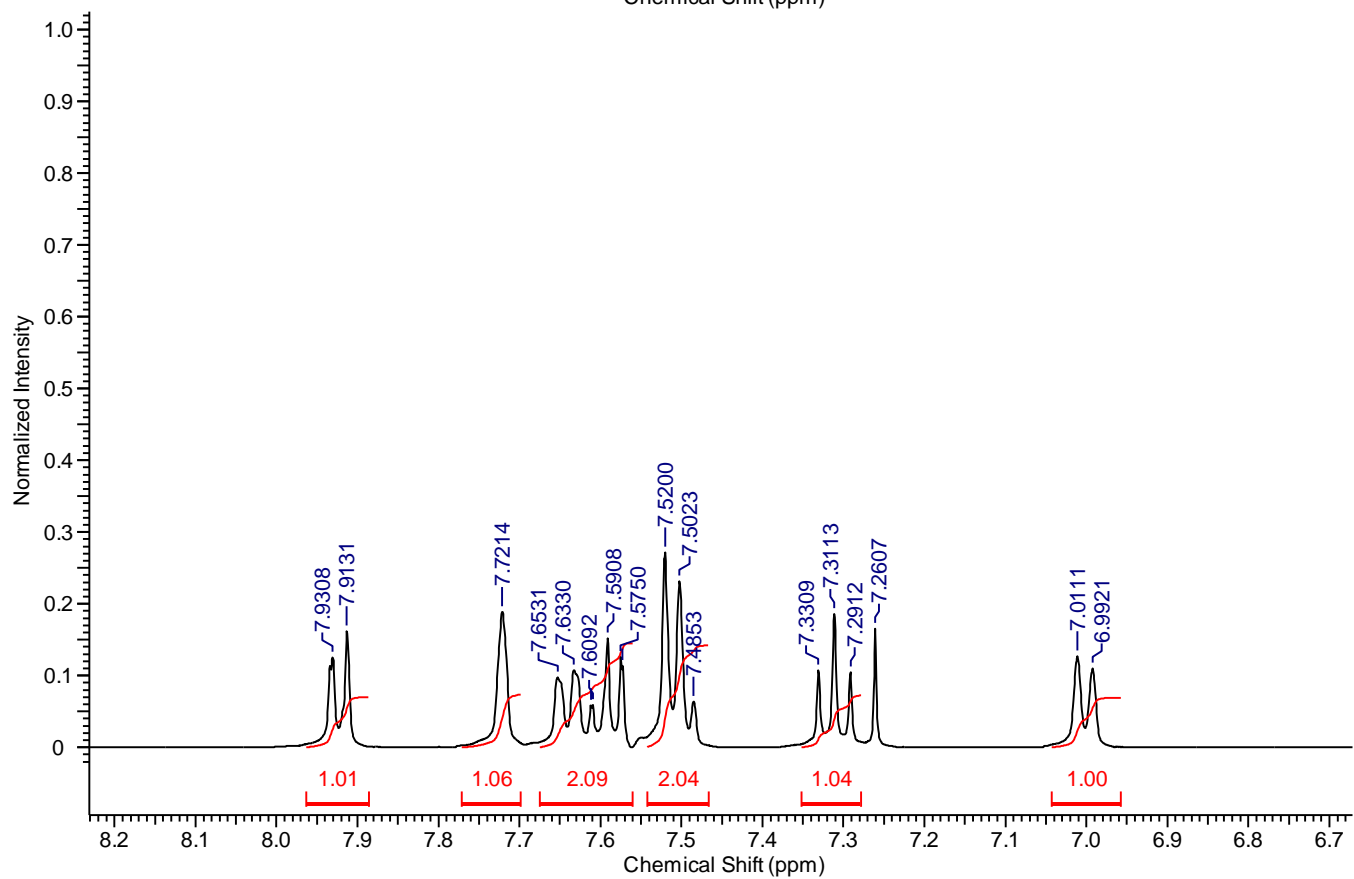
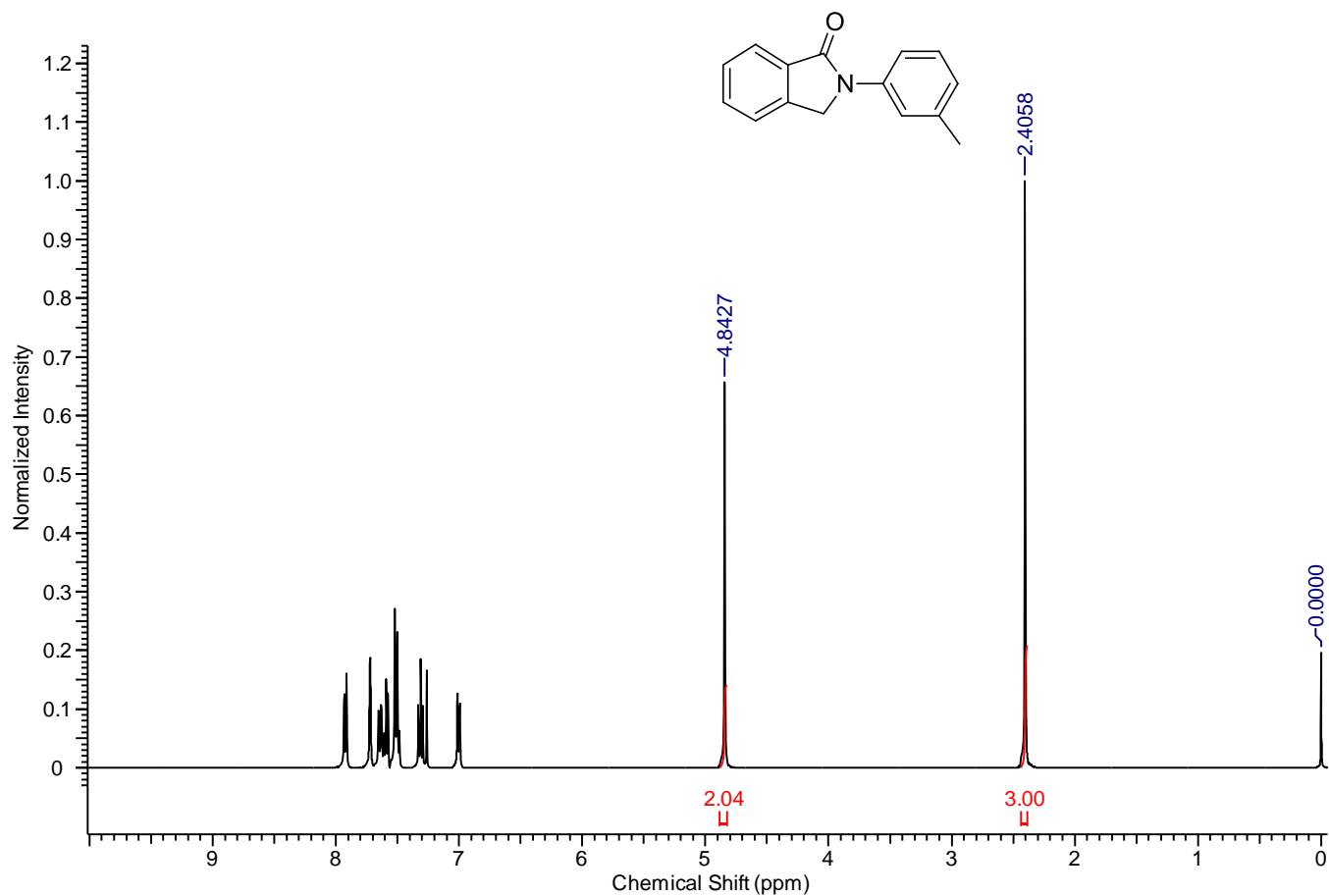
<sup>1</sup>H NMR spectra of 2-(3-chlorophenyl)isoindolin-1-one (8)



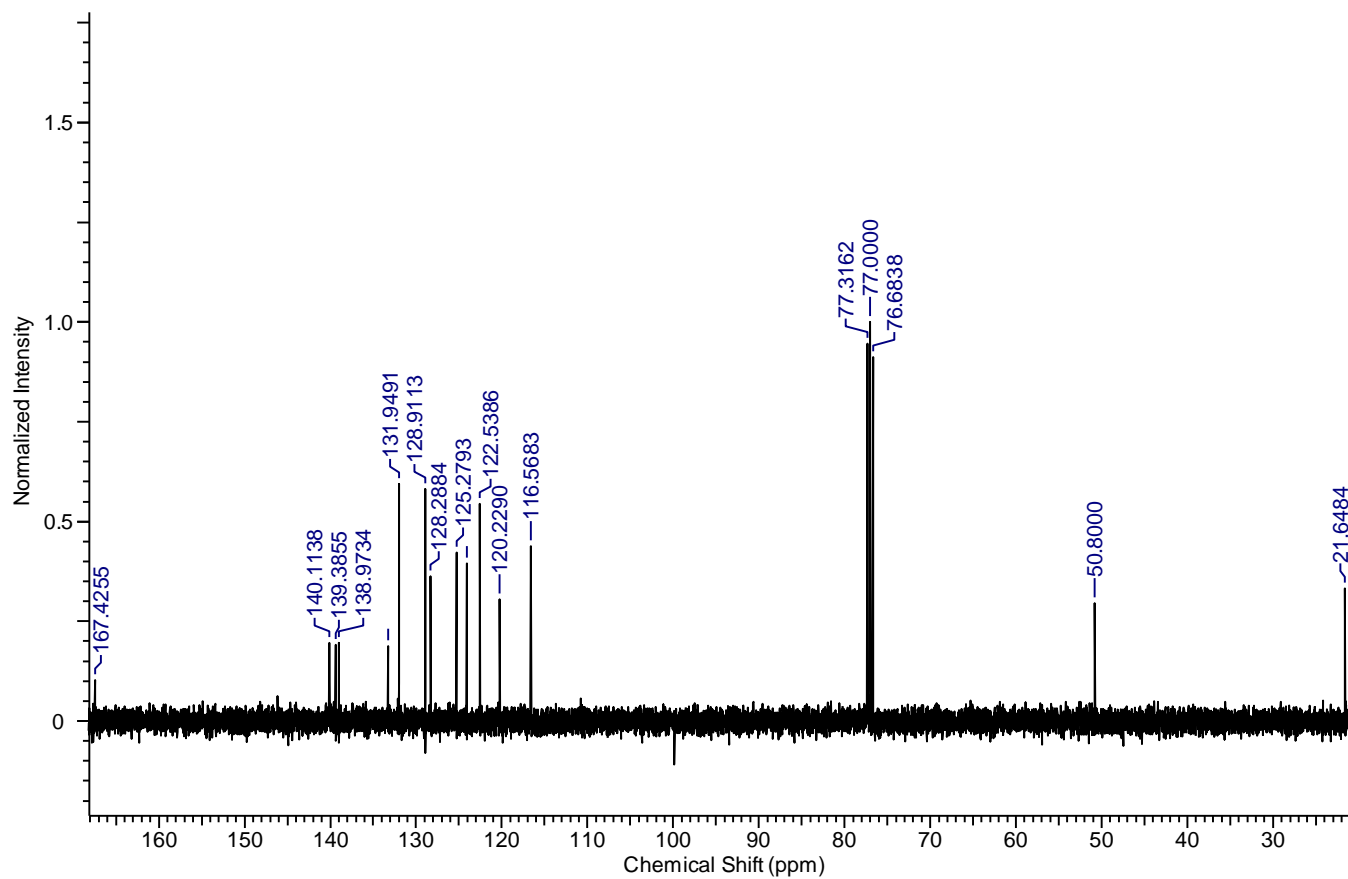
<sup>13</sup>C NMR spectrum of 2-(3-chlorophenyl)isoindolin-1-one (8)



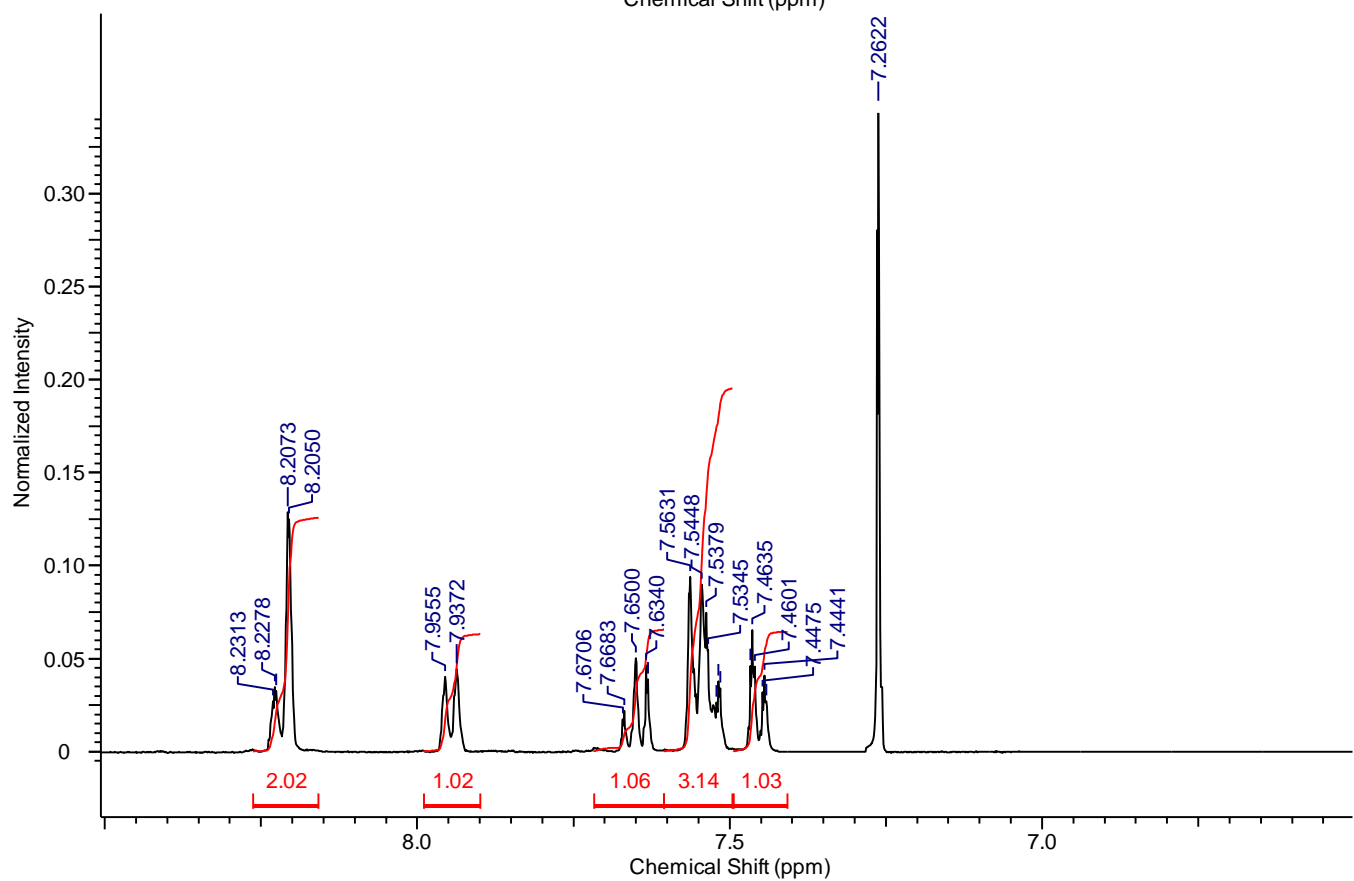
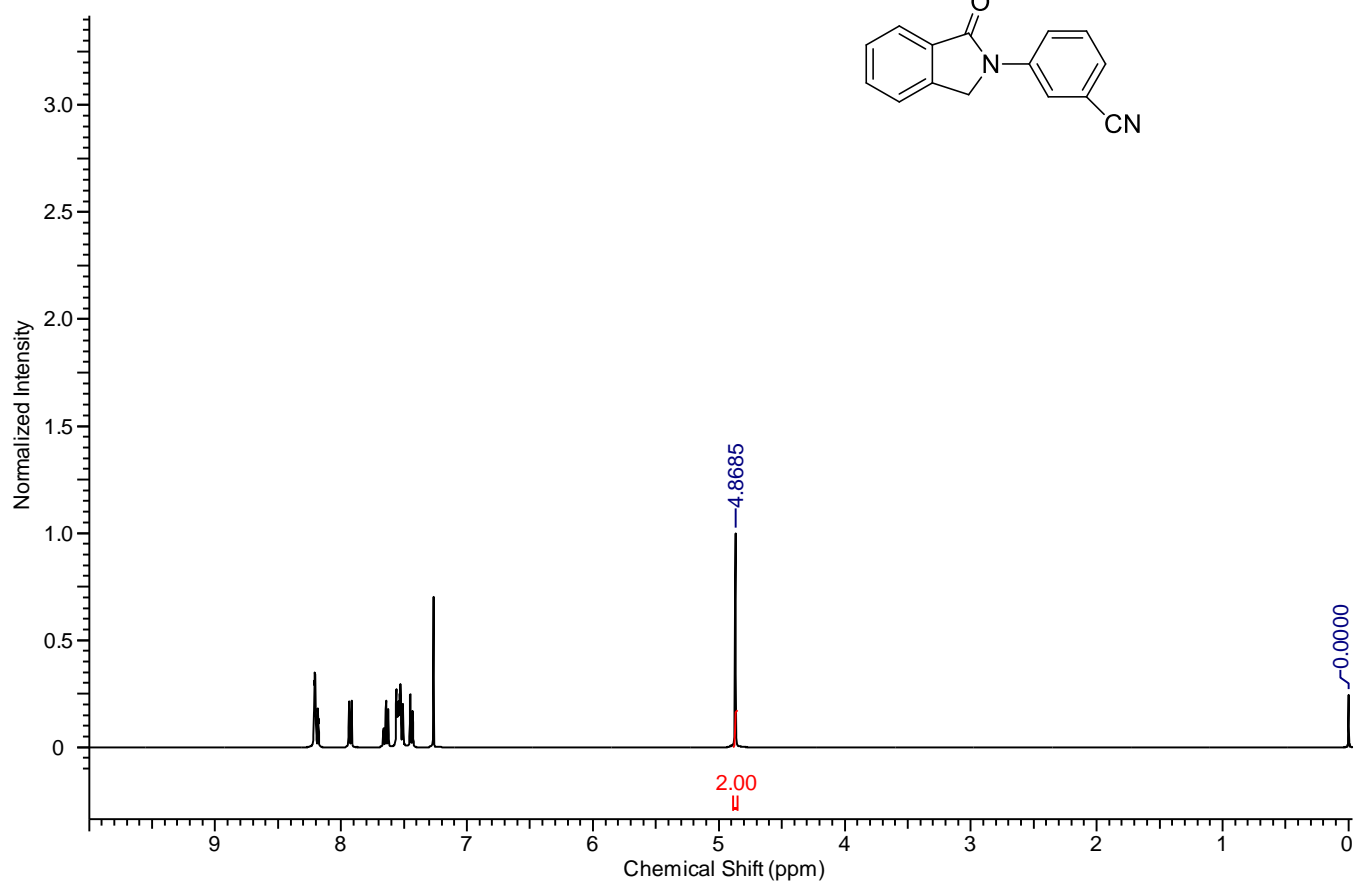
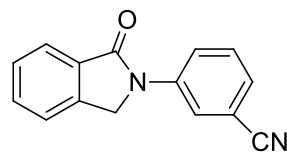
<sup>1</sup>H NMR spectra of **2-(3-methylphenyl)isoindolin-1-one (9)**



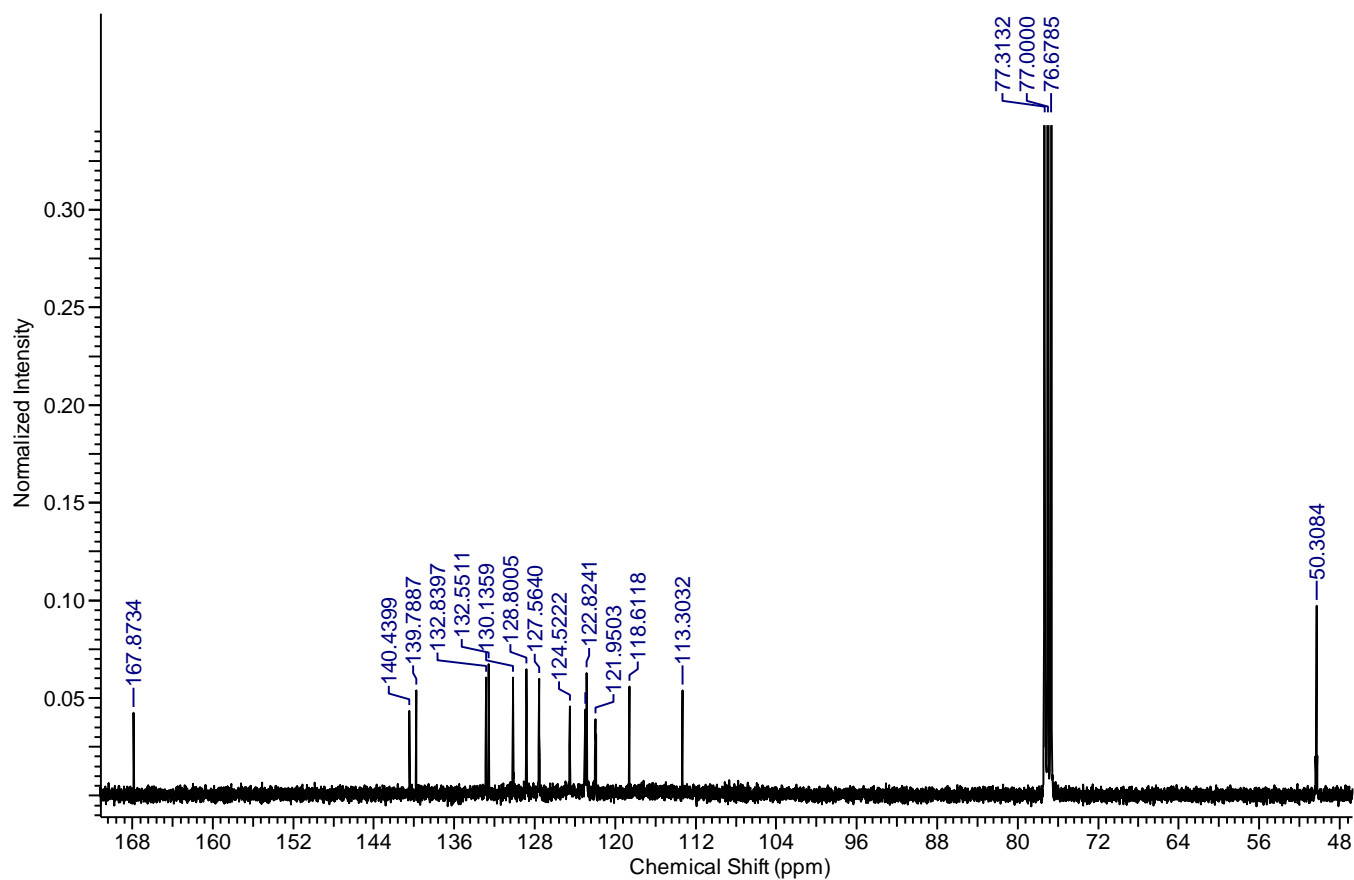
$^{13}\text{C}$  NMR spectrum of **2-(3-methylphenyl)isoindolin-1-one (9)**



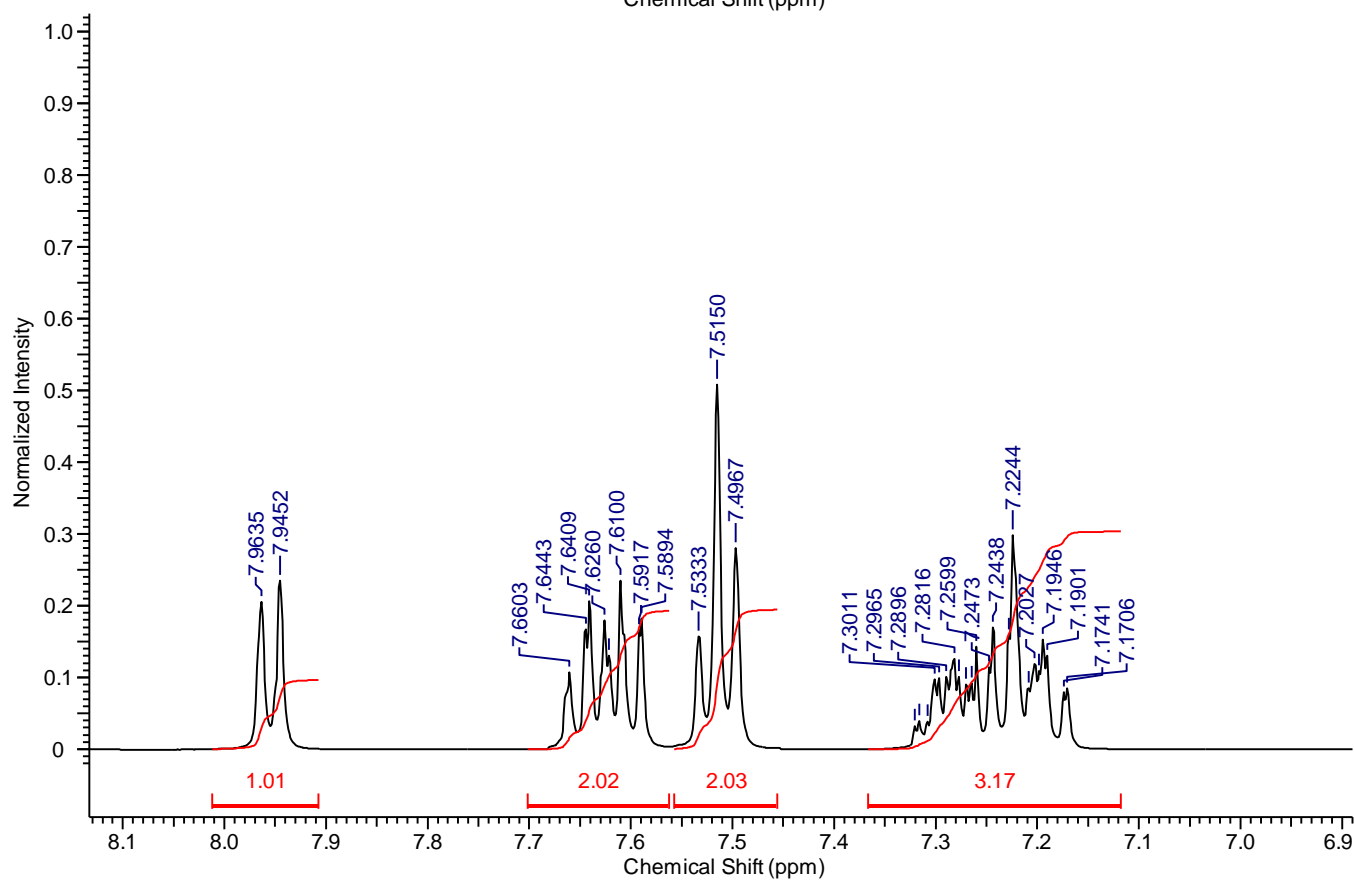
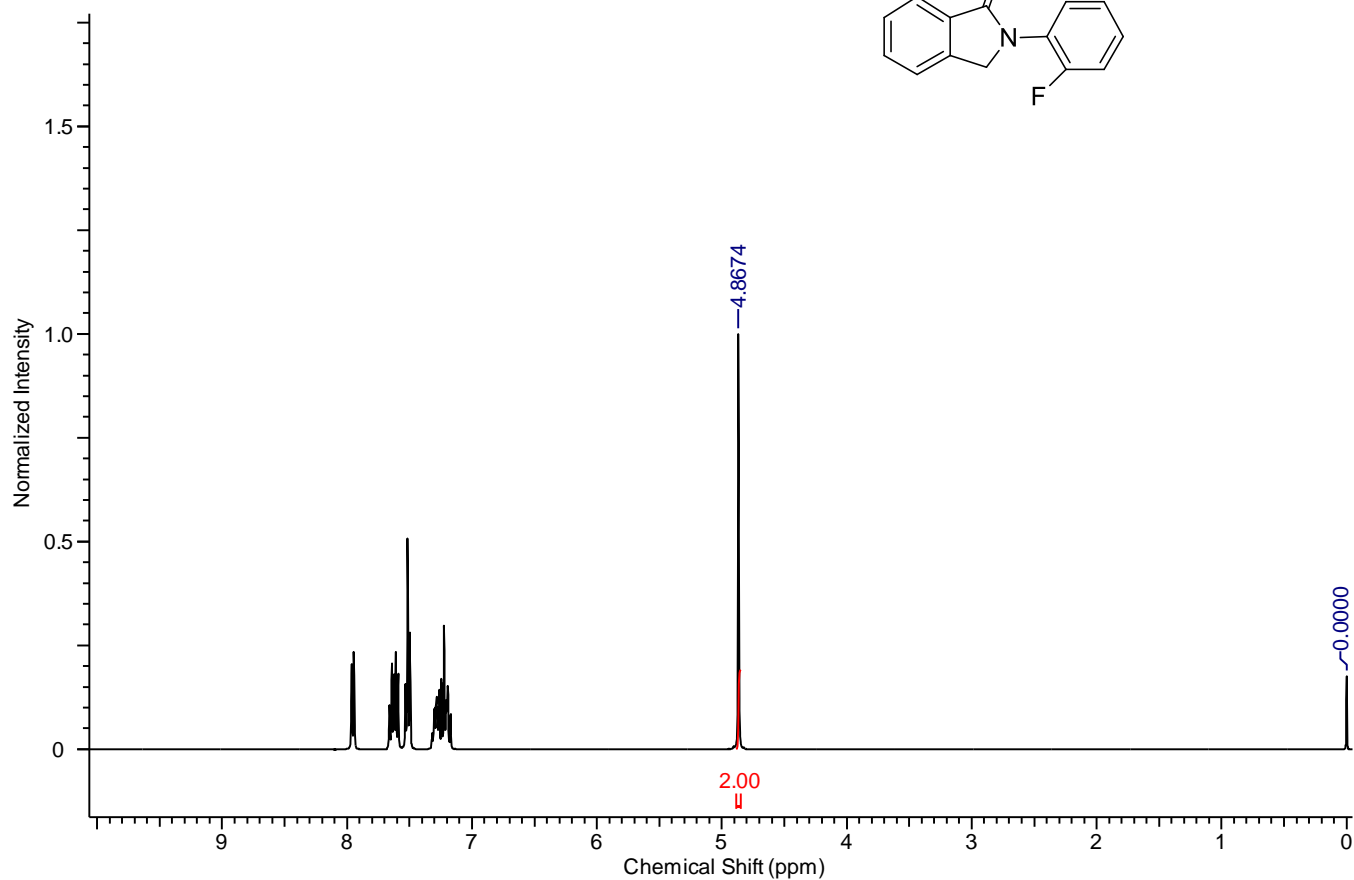
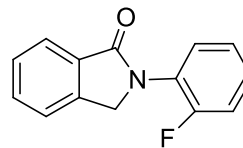
<sup>1</sup>H NMR spectra of 3-(1,3-dihydro-1-oxo-2H-isoindol-2-yl)benzonitrile (10)



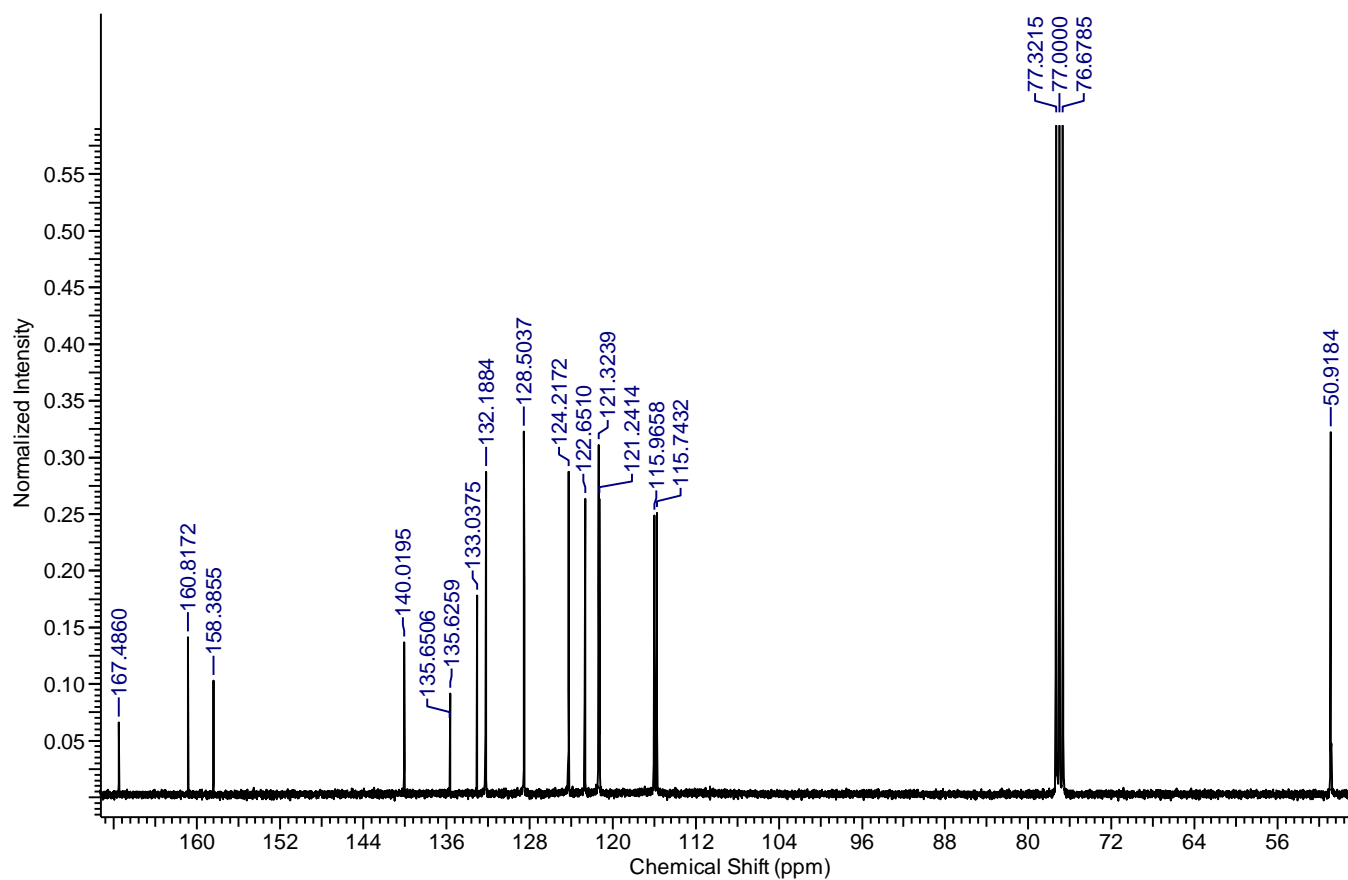
<sup>13</sup>C NMR spectrum of 3-(1,3-dihydro-1-oxo-2*H*-isoindol-2-yl)benzotrile (10)



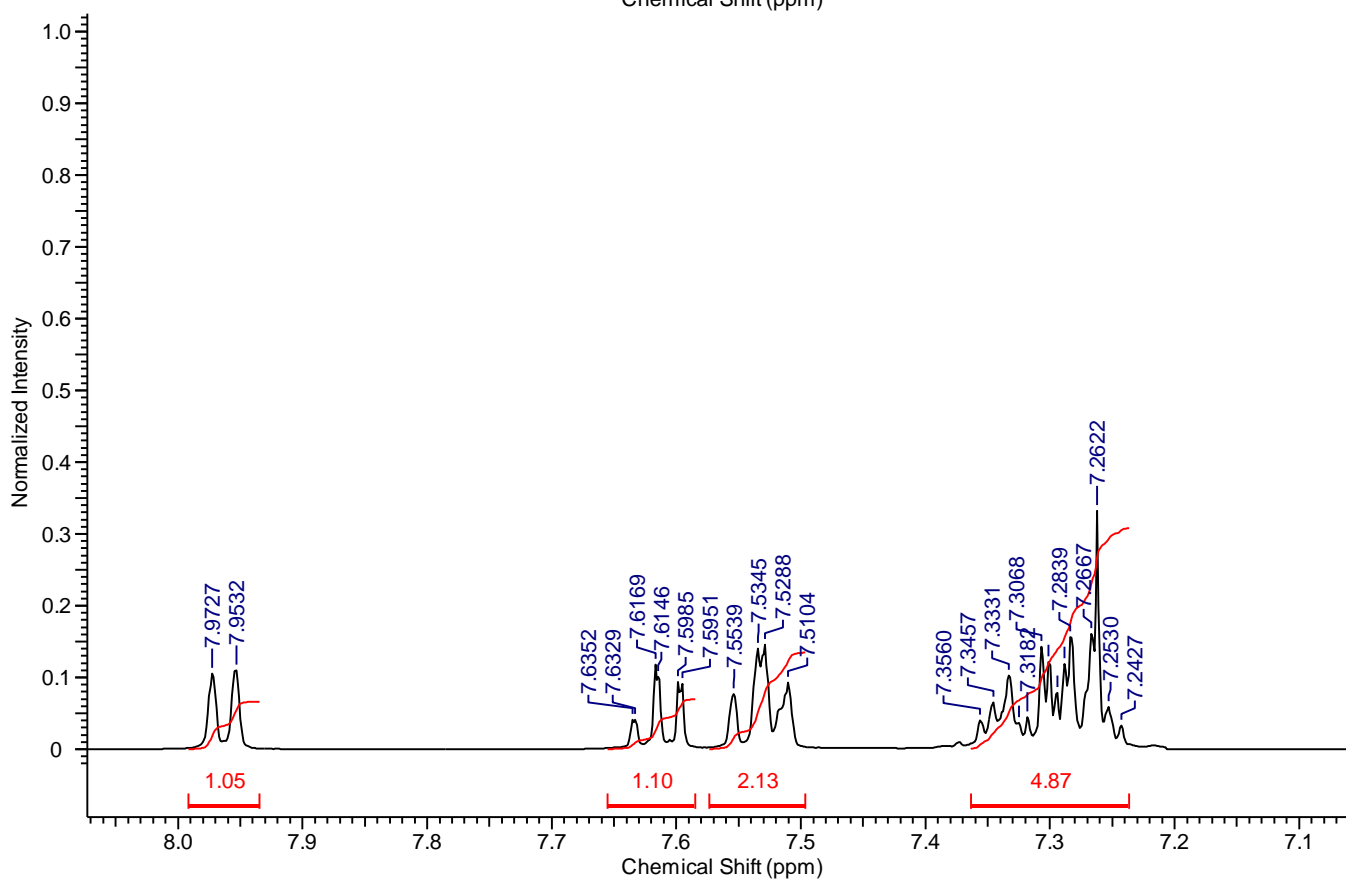
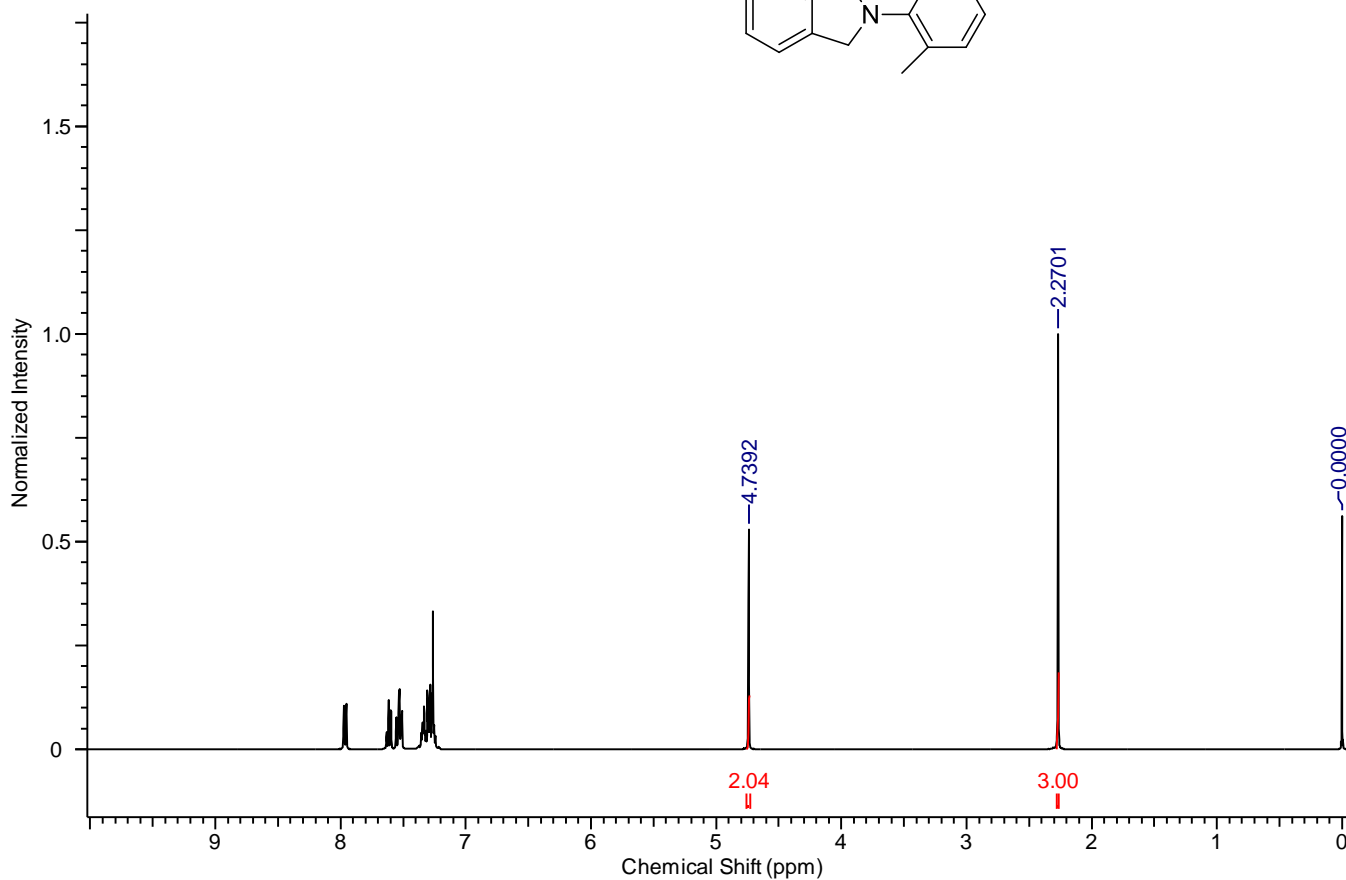
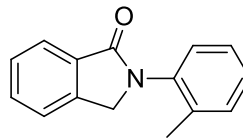
<sup>1</sup>H NMR spectra of **2-(2-fluorophenyl)isoindolin-1-one (11)**



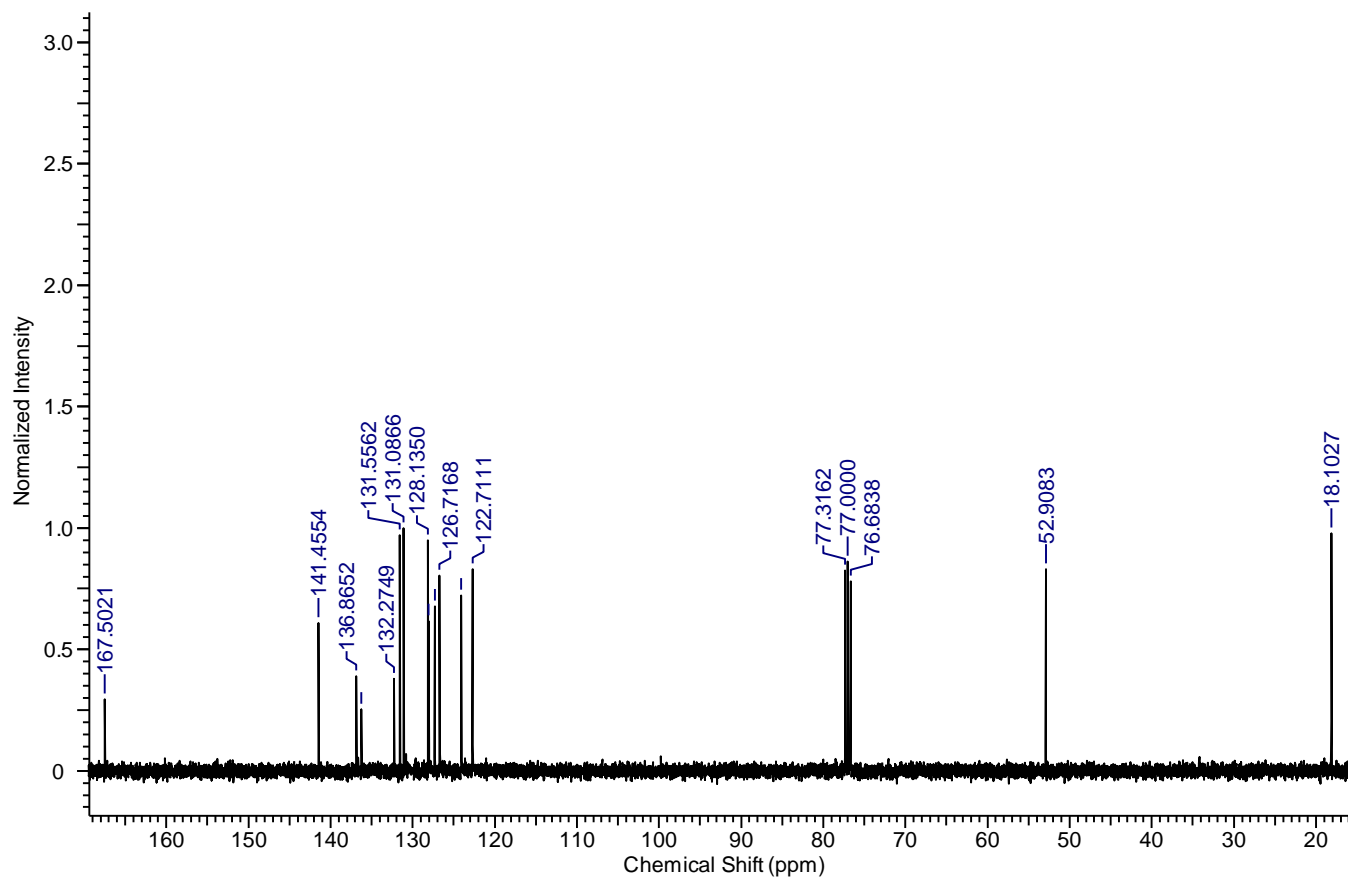
<sup>13</sup>C NMR spectrum of 2-(2-fluorophenyl)isoindolin-1-one (11)



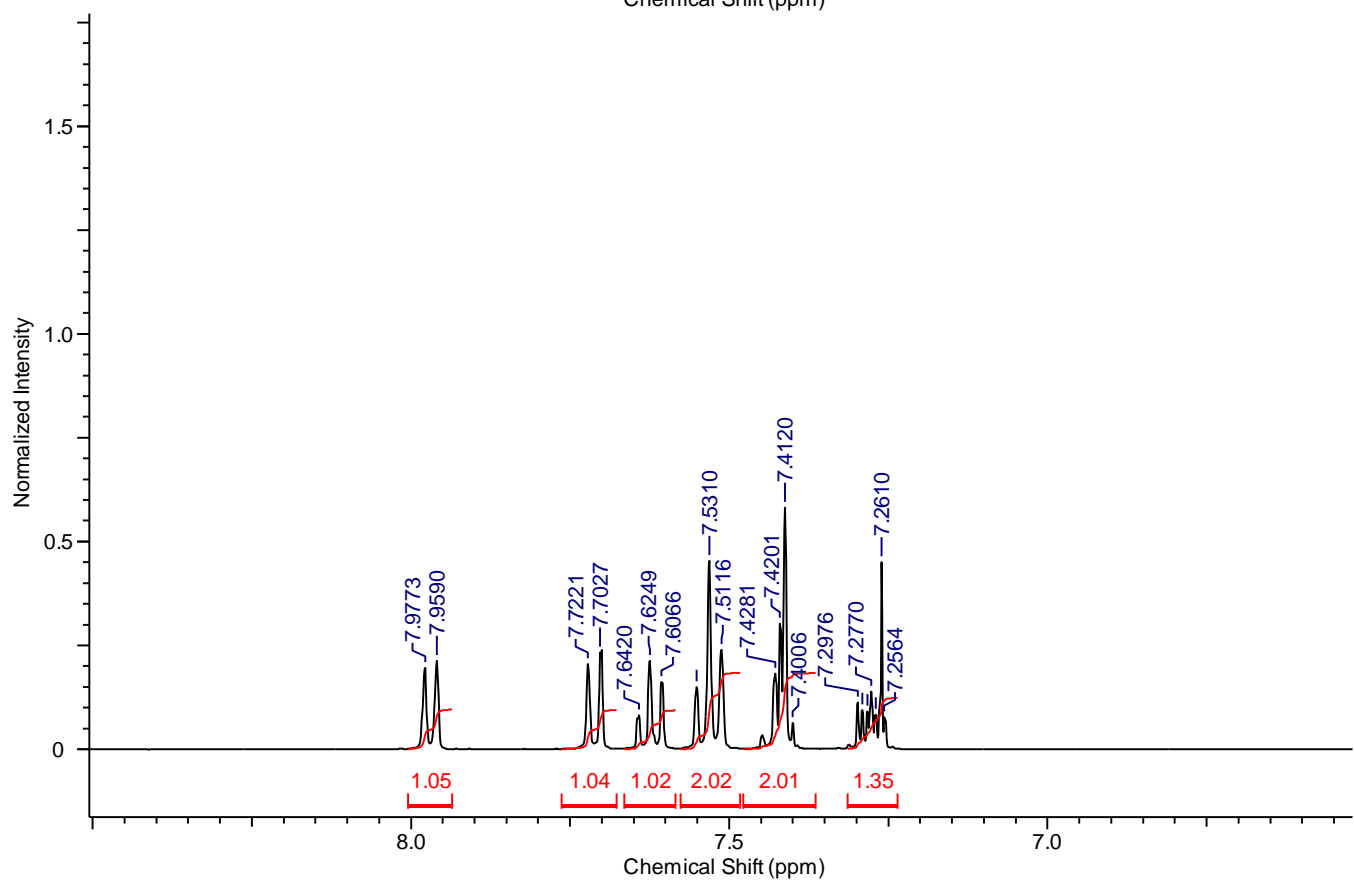
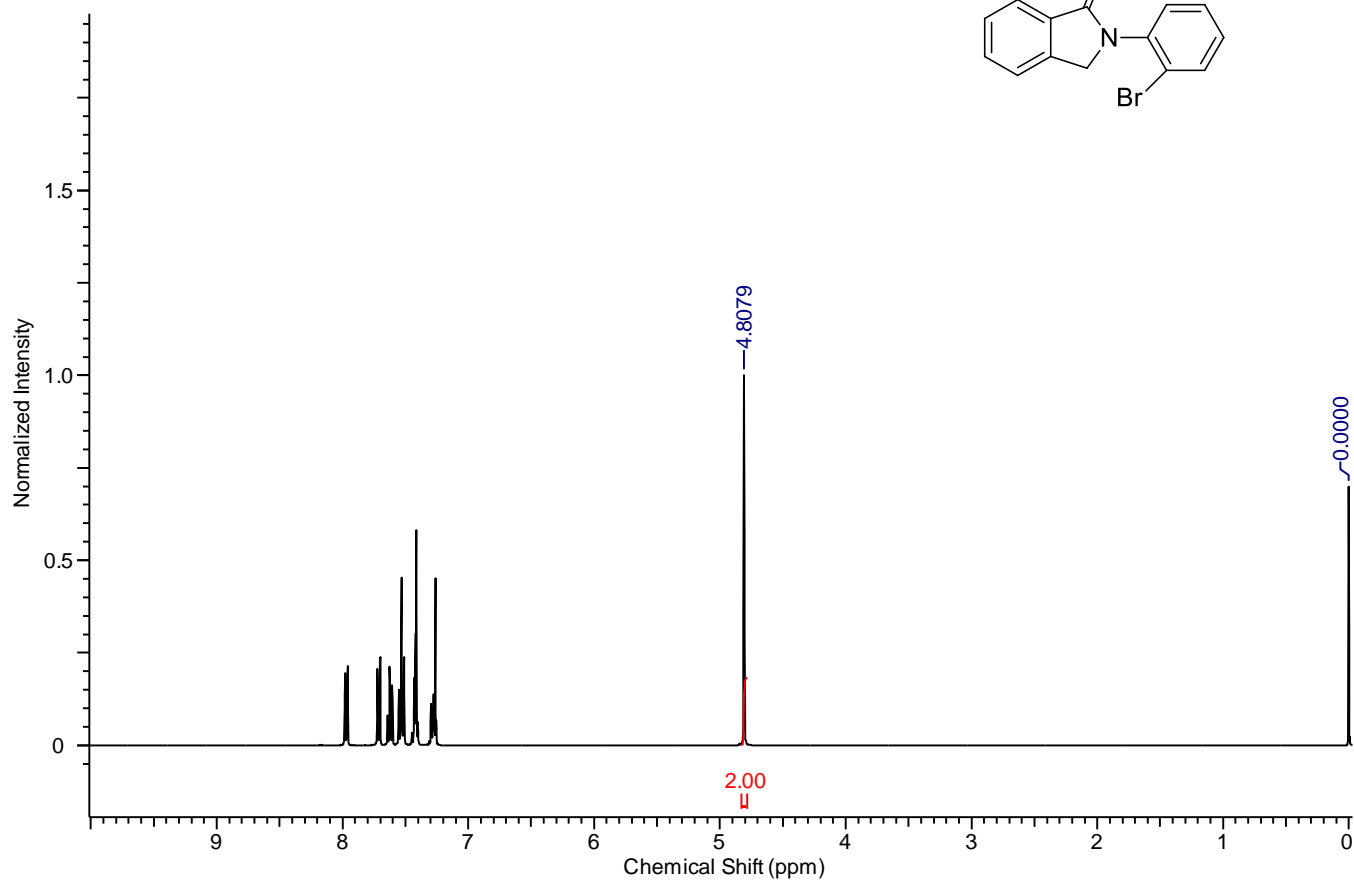
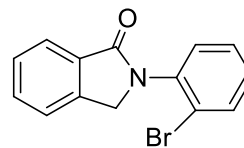
<sup>1</sup>H NMR spectra of 2-(2-methylphenyl)isoindolin-1-one (12)



<sup>13</sup>C NMR spectrum of 2-(2-methylphenyl)isoindolin-1-one (12)



<sup>1</sup>H NMR spectra of 2-(2-bromophenyl)isoindolin-1-one (13)



$^{13}\text{C}$  NMR spectrum of **2-(2-bromophenyl)isoindolin-1-one (13)**

