Supporting Information for:

A simple and efficient method for the facile access of highly functionalized pyridines and their fluorescence property studies

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Table of Content

Fluorescence quantum yield of pyridine derivatives (1b-1p, 5b & 5c) in chloroform solvent:

Sr. No	Compound	λ^{abs}_{max}	λ^{em}_{max}	$Ø_f$
01.	**1b**	343	432	0.03
02.	**1c**	346	386	0.05
03.	**1d**	343	386	0.04
04.	**1e**	348	389	0.02
05.	**1f**	344	425	0.01
06.	**1g**	356	401	0.00
07.	**1h**	345	392	0.02
08.	**1i**	350	389	0.00
09.	**1j**	346	425	0.01
10.	**1k**	329	386	0.01
11.	**1l**	336	386	0.01
12.	**1m**	341	451	0.03
13.	**1n**	343	422	0.01
14.	**1o**	344	422	0.01
15.	**1p**	347	423	0.02
16.	**5b**	314	417	0.10
17.	**5c**	346	424	0.27

[a]Quantum yields were calculated with respect to quinine sulphate dihydrate in water.

$Ø_f$ =Quantum yield

λ^{abs}_{max} = Absorbance maxima

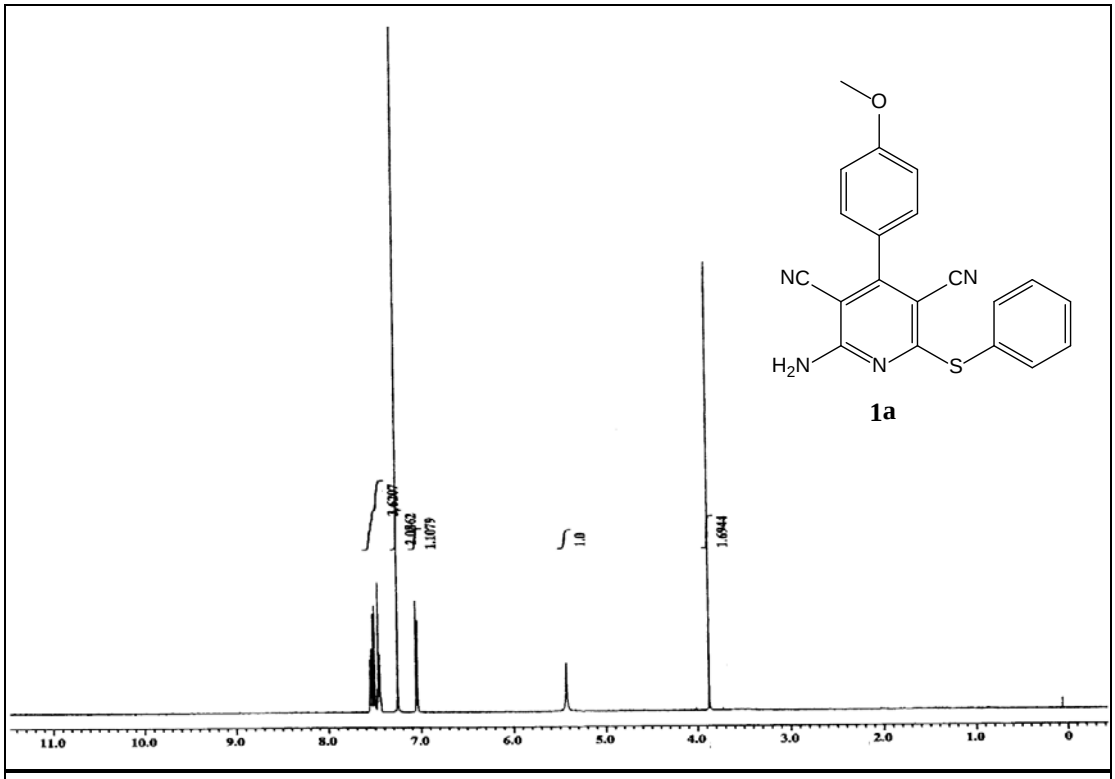
λ^{em}_{max} = Fluorescence maxima

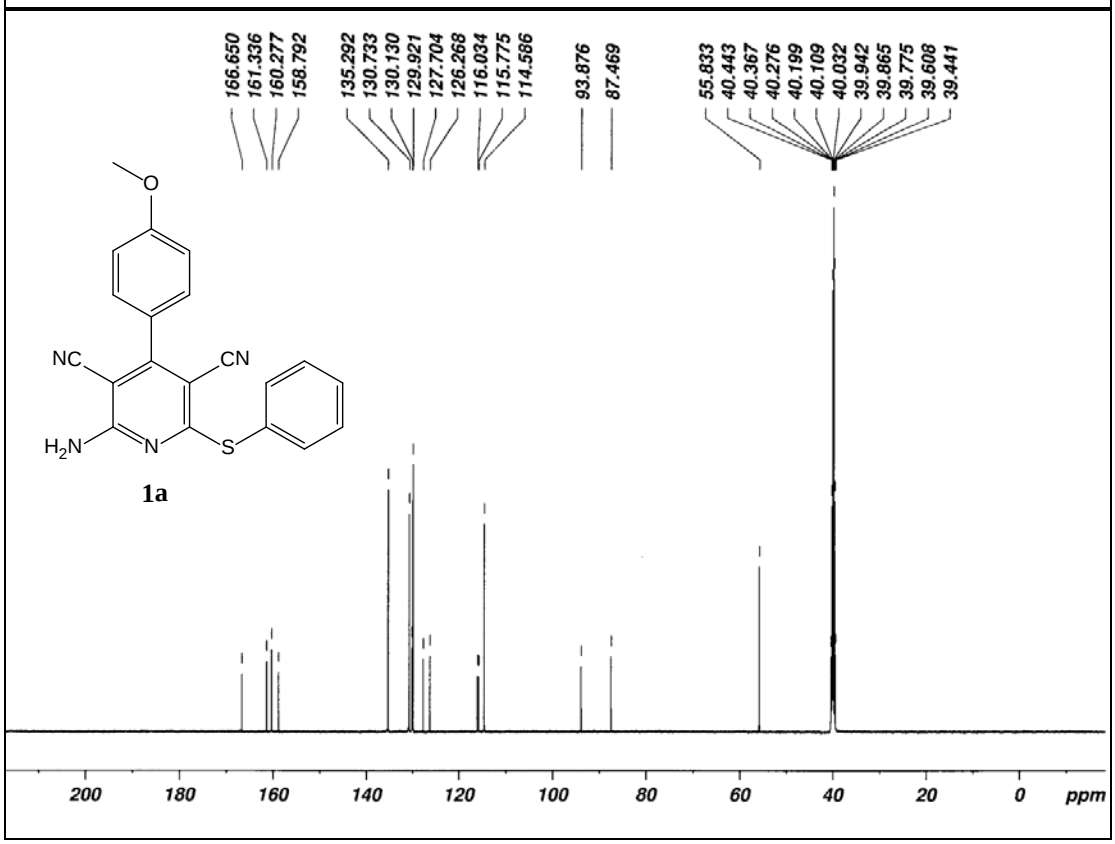
Fluorescence quantum yields ($Ø_f$) were calculated according to the equation.

$$Ø_{unk} = Ø_{std} \times [I_{unk} / I_{std}] \times [A_{std} / A_{unk}] \times [\eta_{unk} / \eta_{std}]^2$$

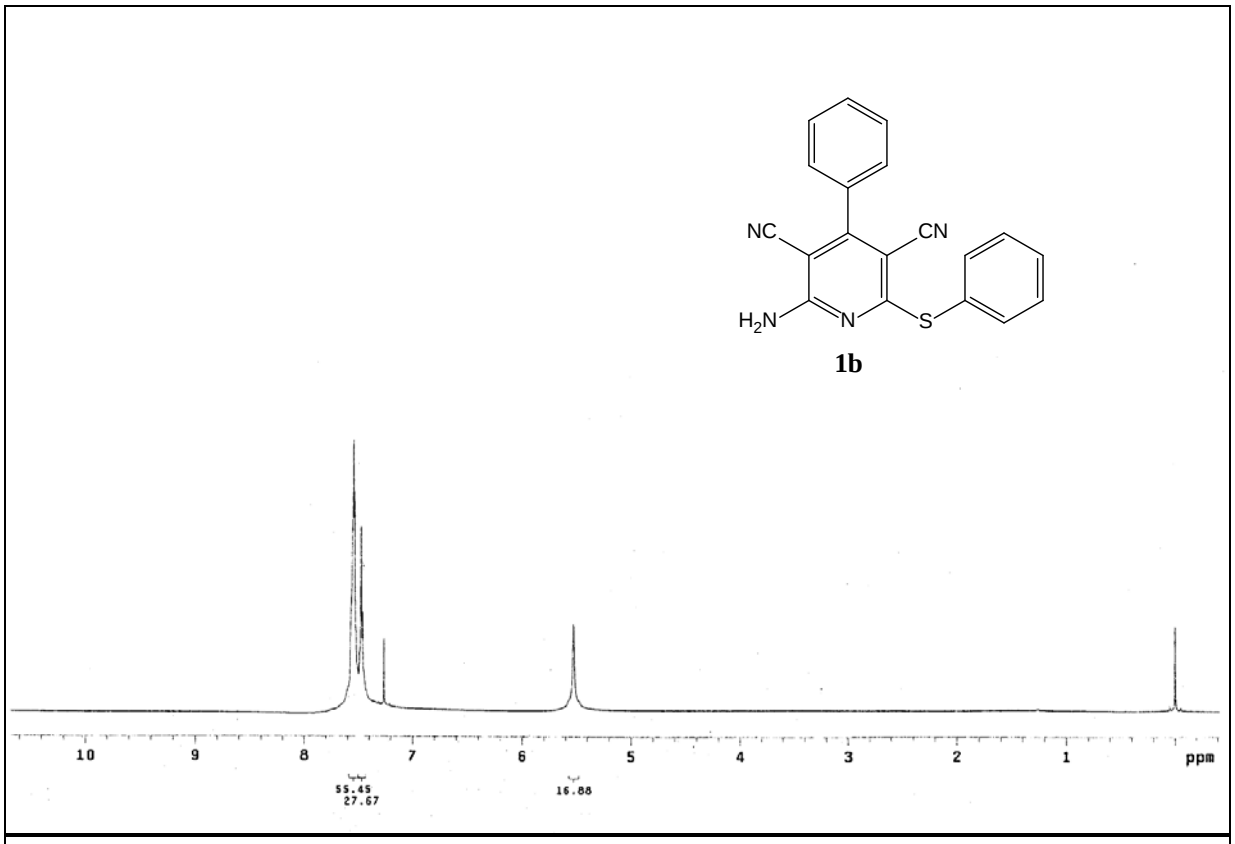
Where, $Ø_{unk}$ is the fluorescence quantum yield of the sample, $Ø_{std}$ is the quantum yield of the standard ($Ø_f$ =0.55, quinine sulphate dihydrate in 0.1 N H_2SO_4), I_{unk} and I_{std} are the integrated emission intensities of the sample and the standard, respectively, A_{unk} and A_{std} are the absorbance of the sample and the standard at the excitation wavelength, respectively, and η_{unk} and η_{std} are the refractive index of the medium taken.

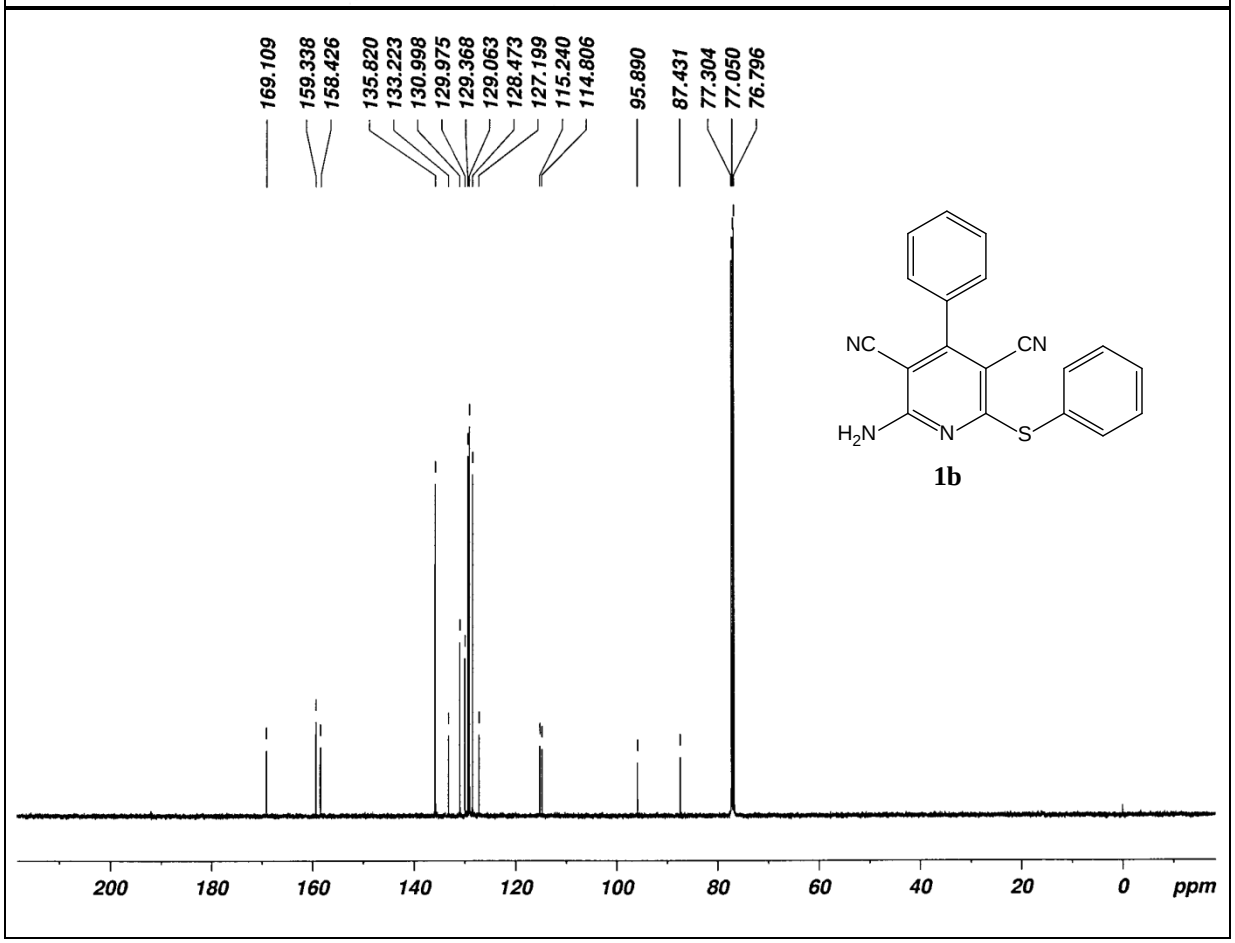
^{1}H and ^{13}C spectra of compound 1a



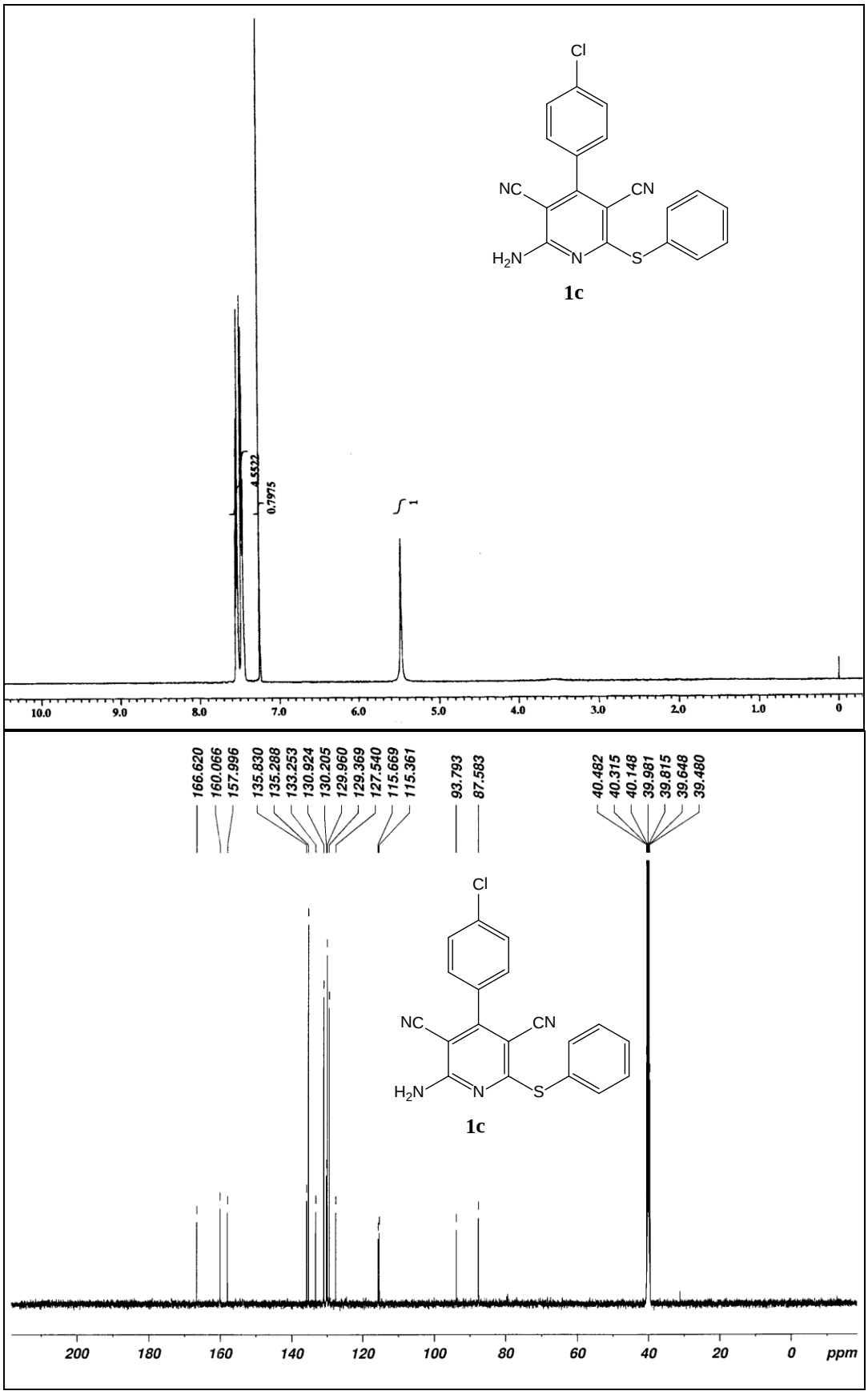


^{1}H and ^{13}C spectra of compound 1b

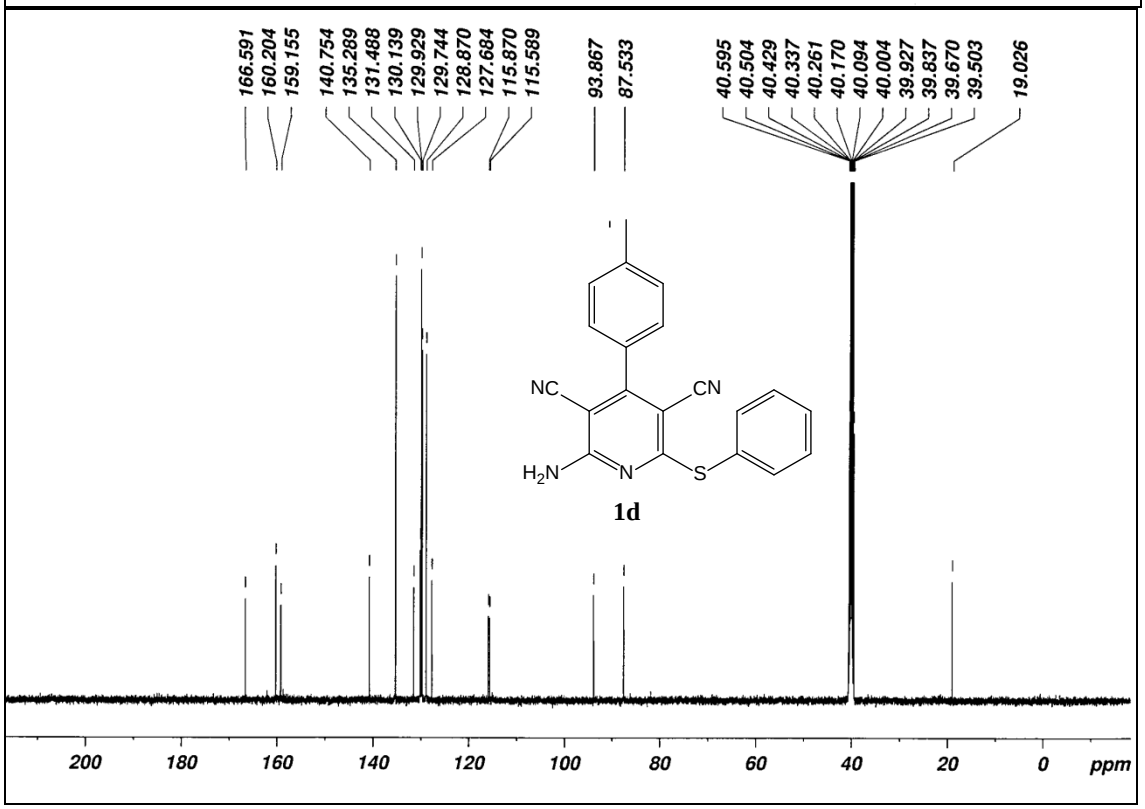




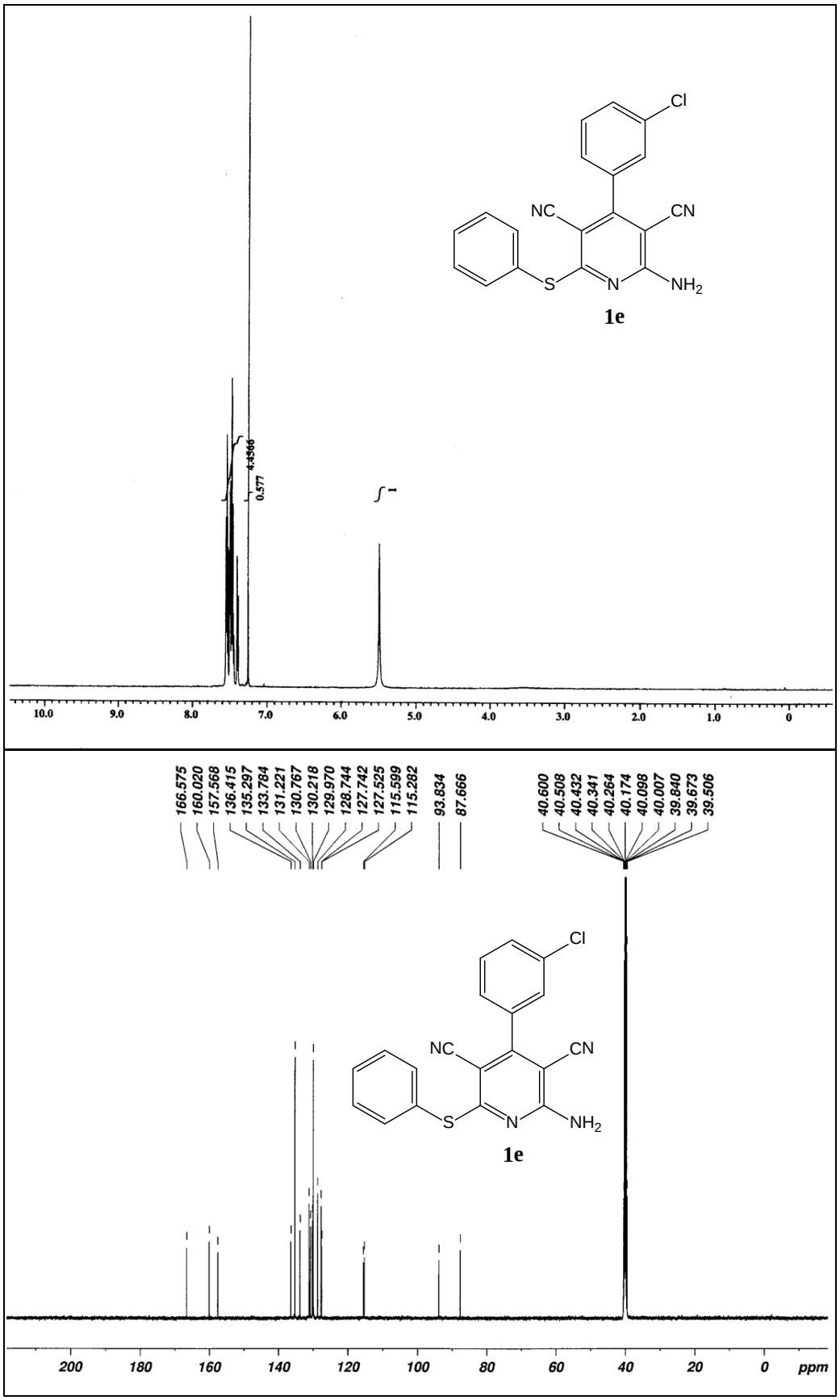
^{1}H and ^{13}C spectra of compound 1c



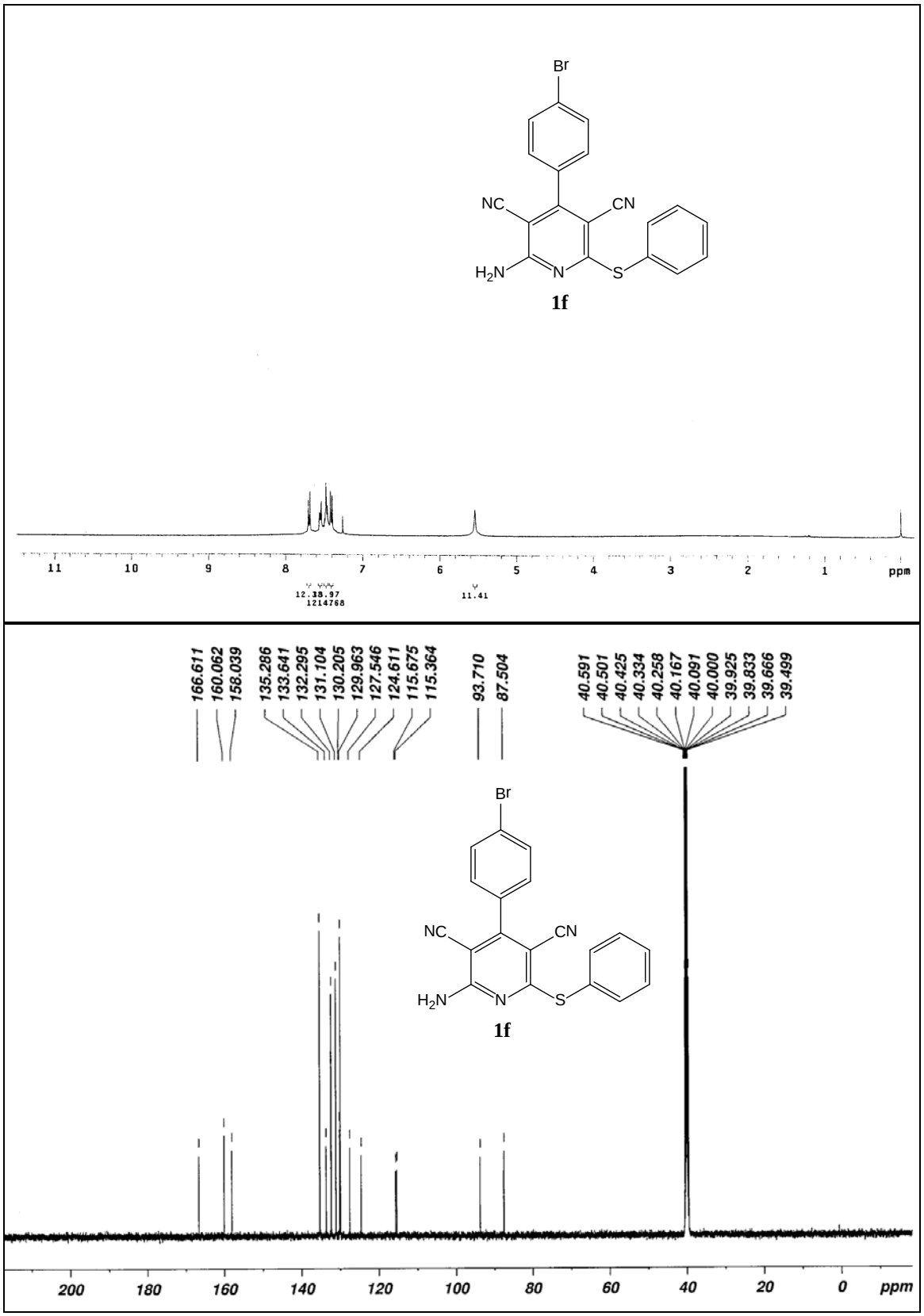
^{1}H and ^{13}C spectra of compound 1d



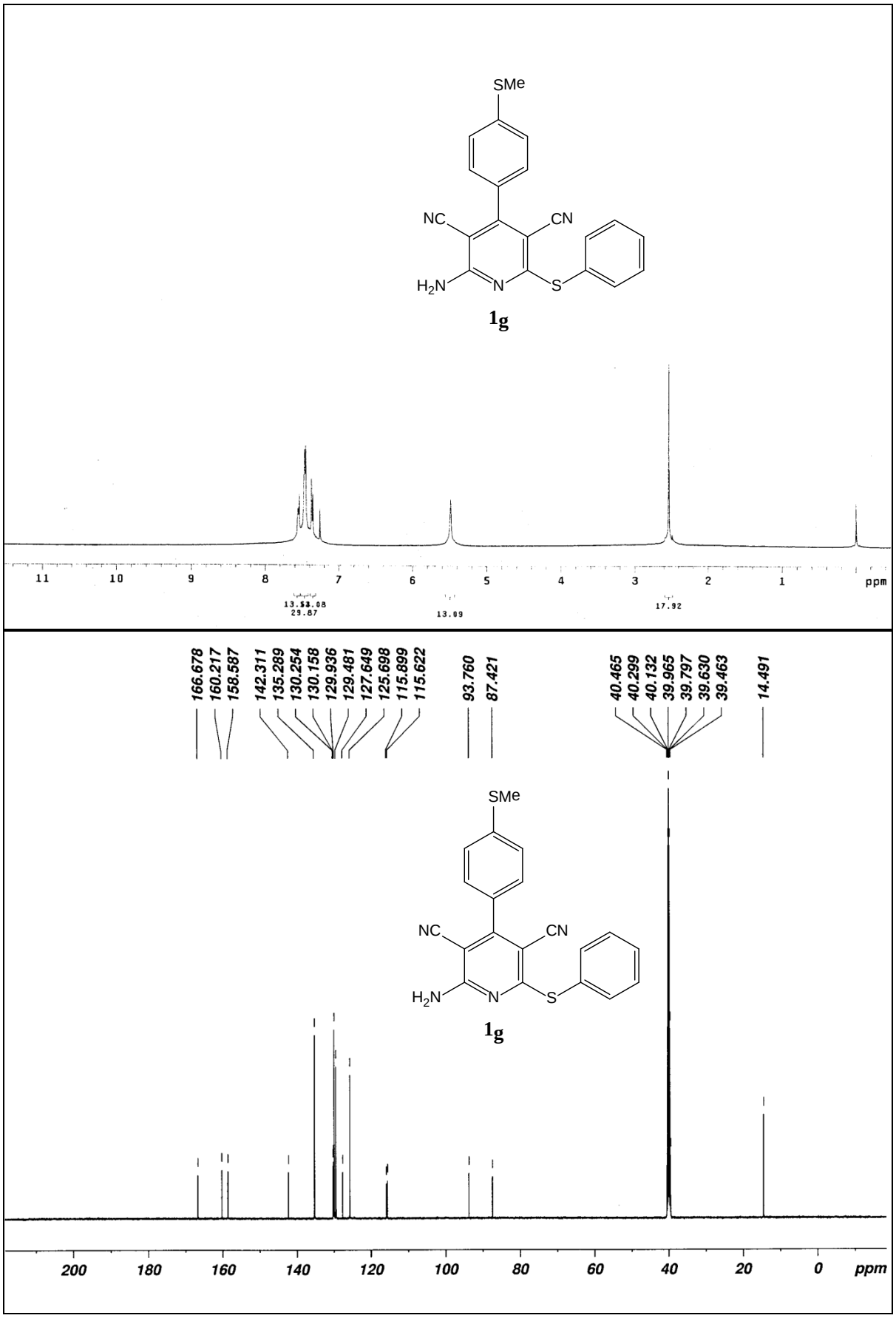
^{1}H and ^{13}C spectra of compound 1e



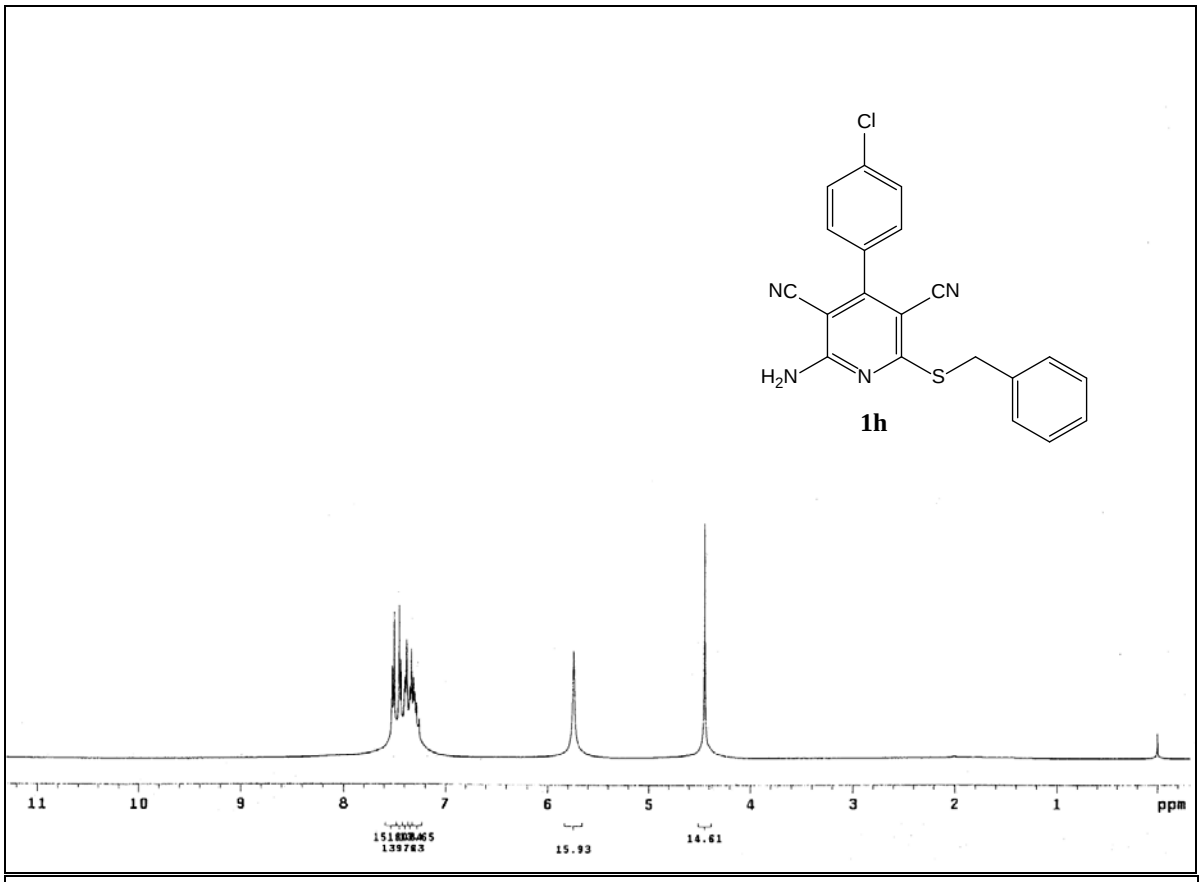
^{1}H and ^{13}C spectra of compound 1f

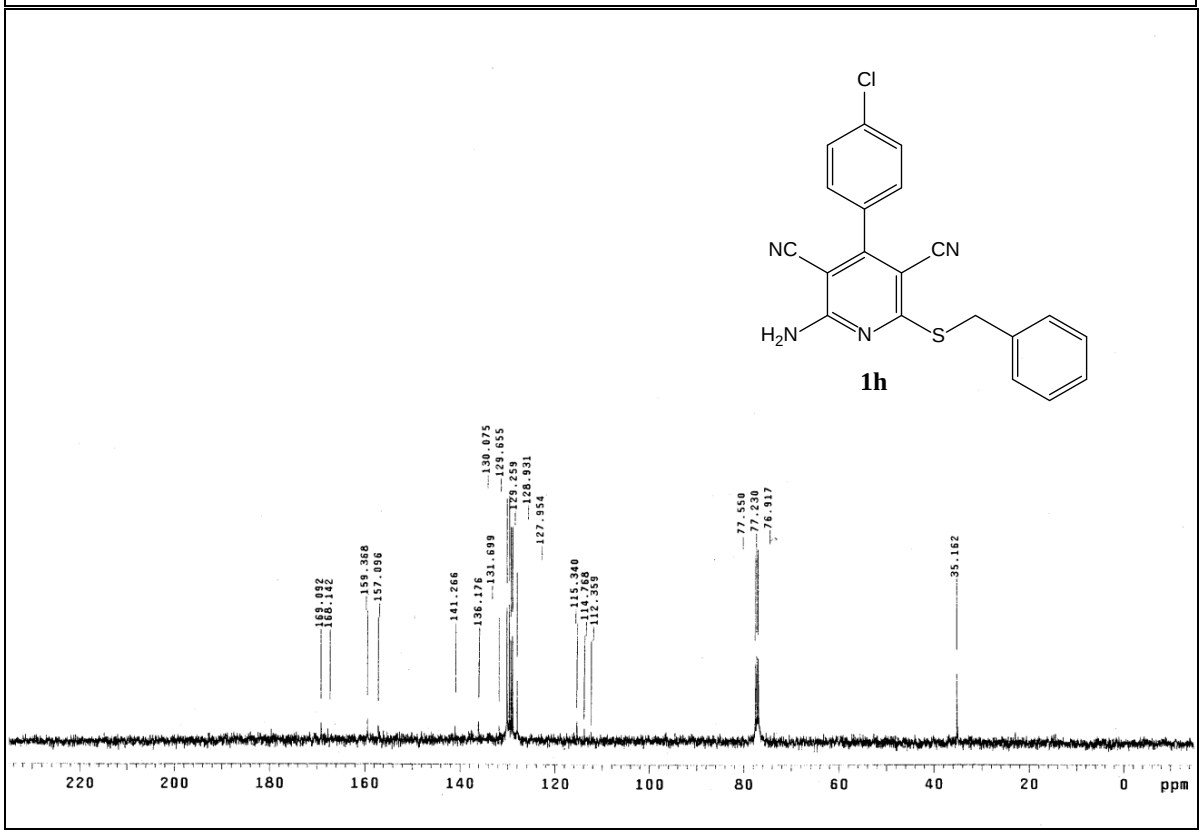


^{1}H and ^{13}C spectra of compound 1g

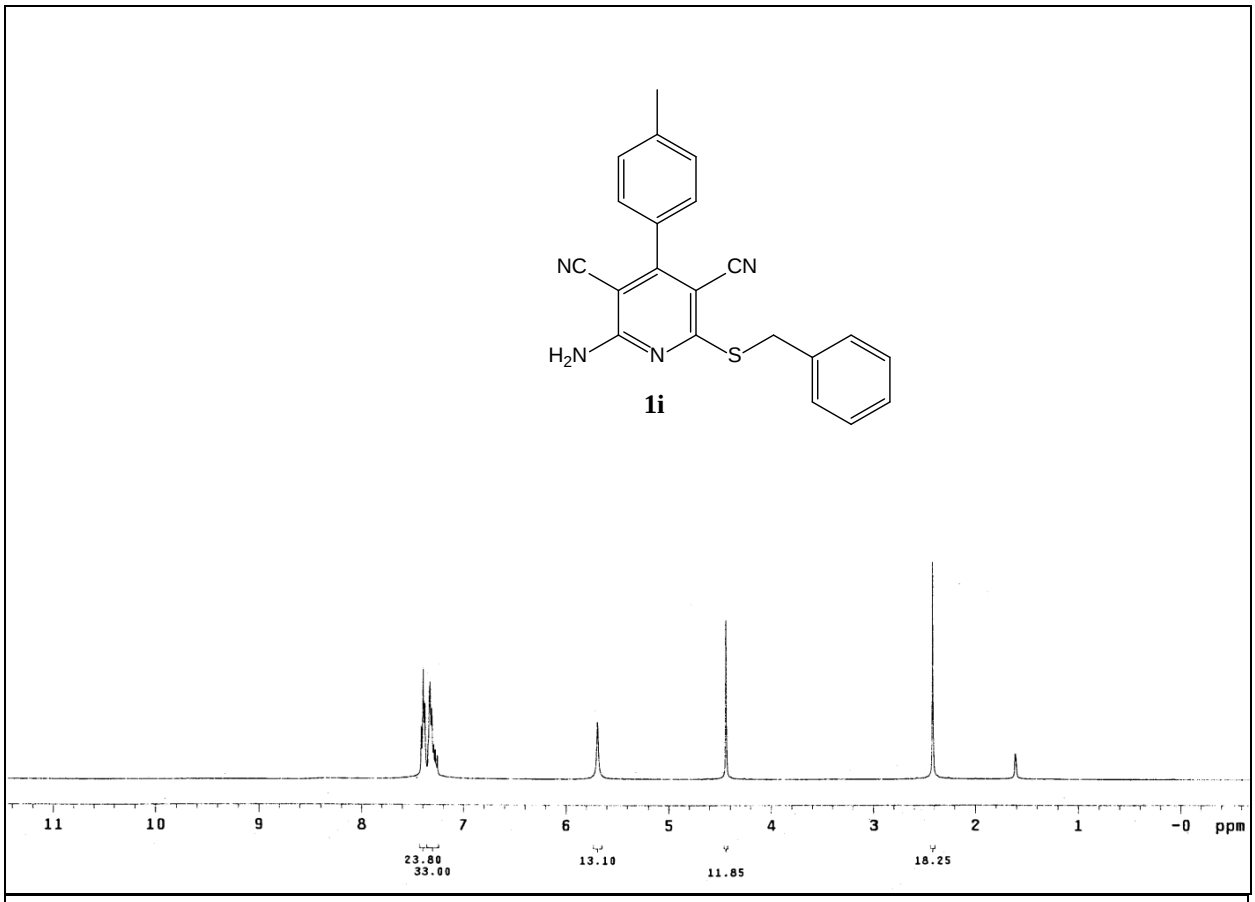


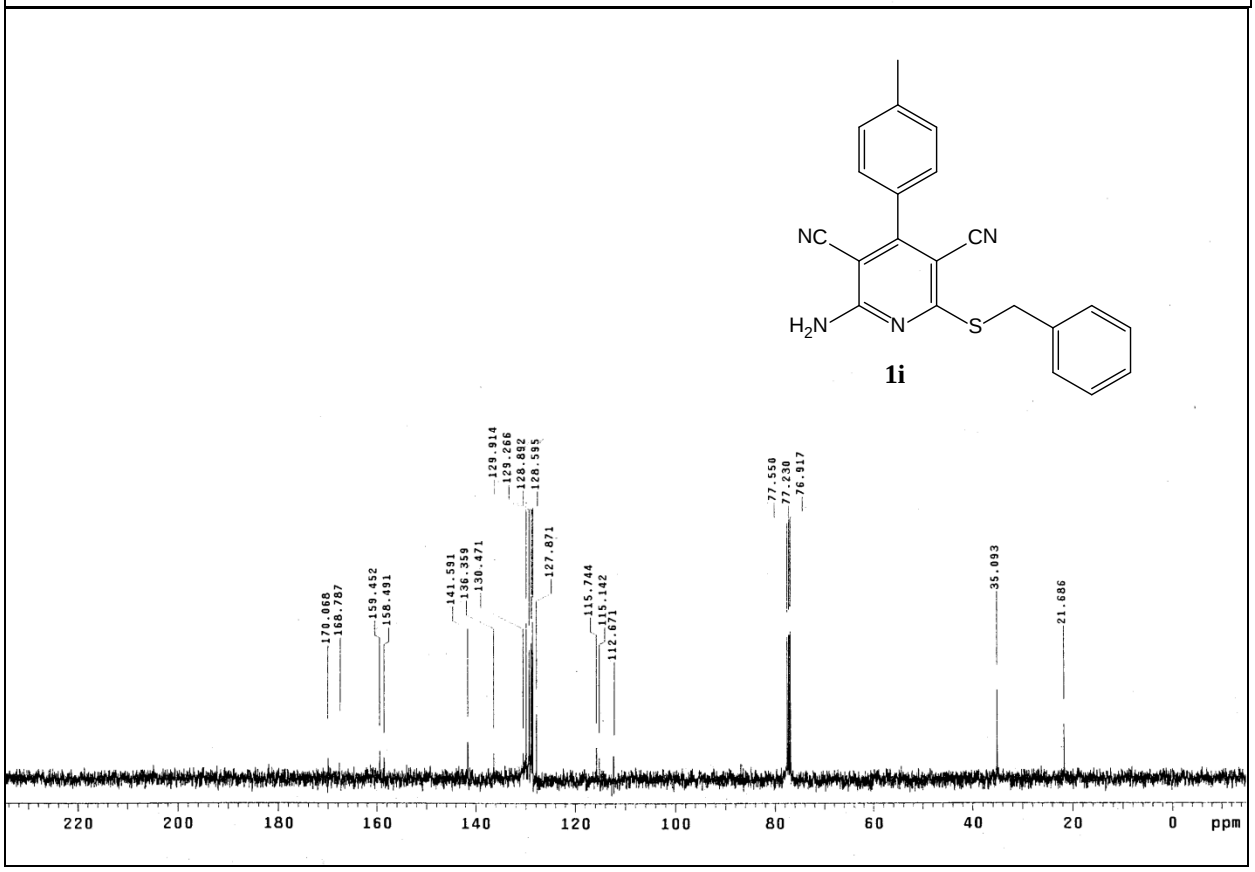
^{1}H and ^{13}C spectra of compound 1h



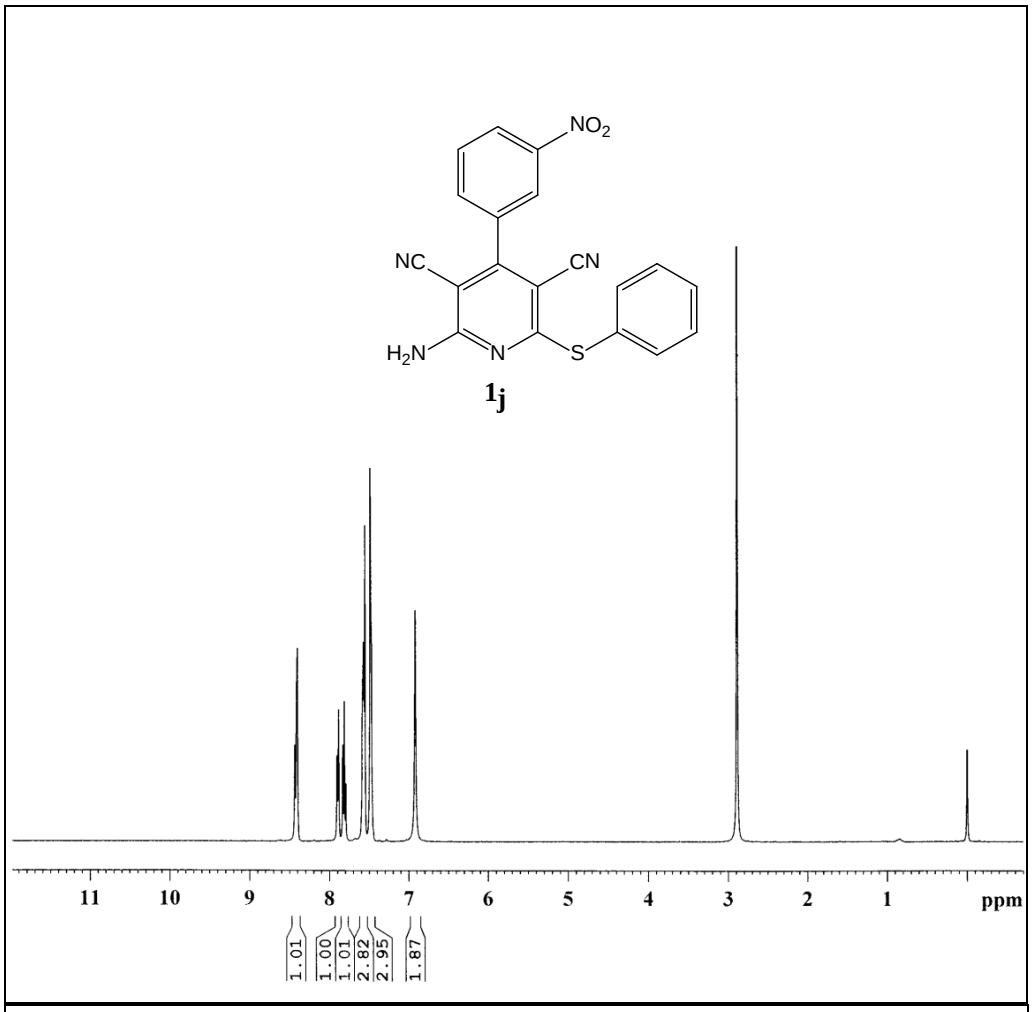


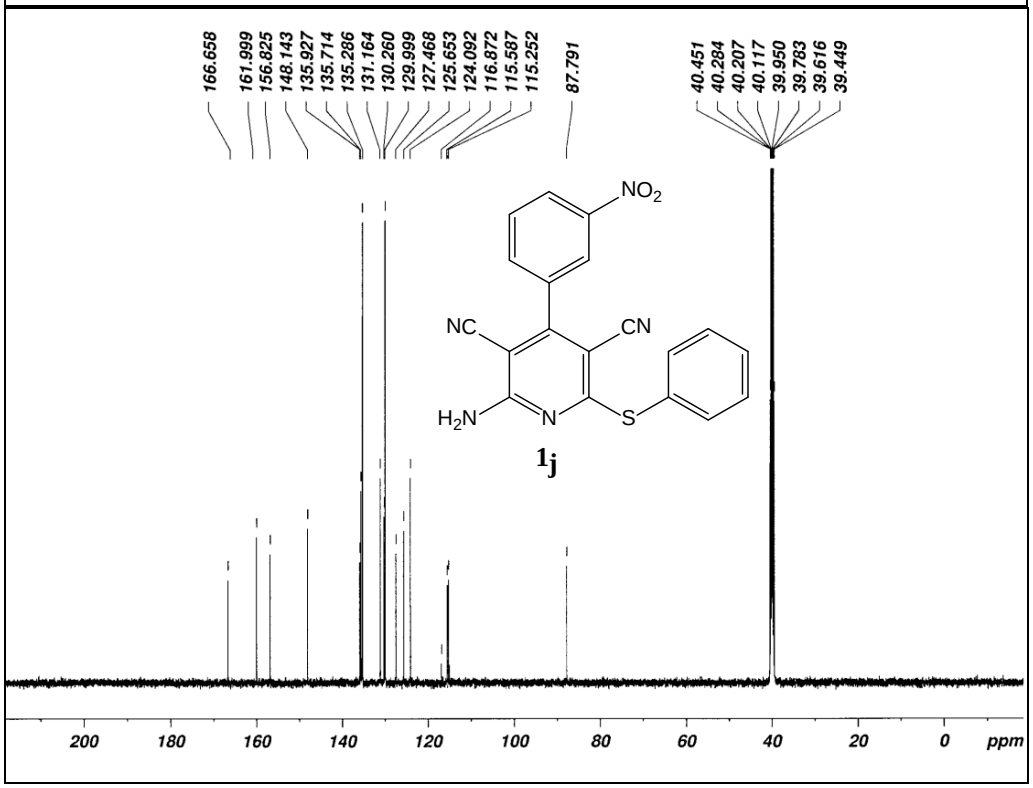
^{1}H and ^{13}C spectra of compound 1i



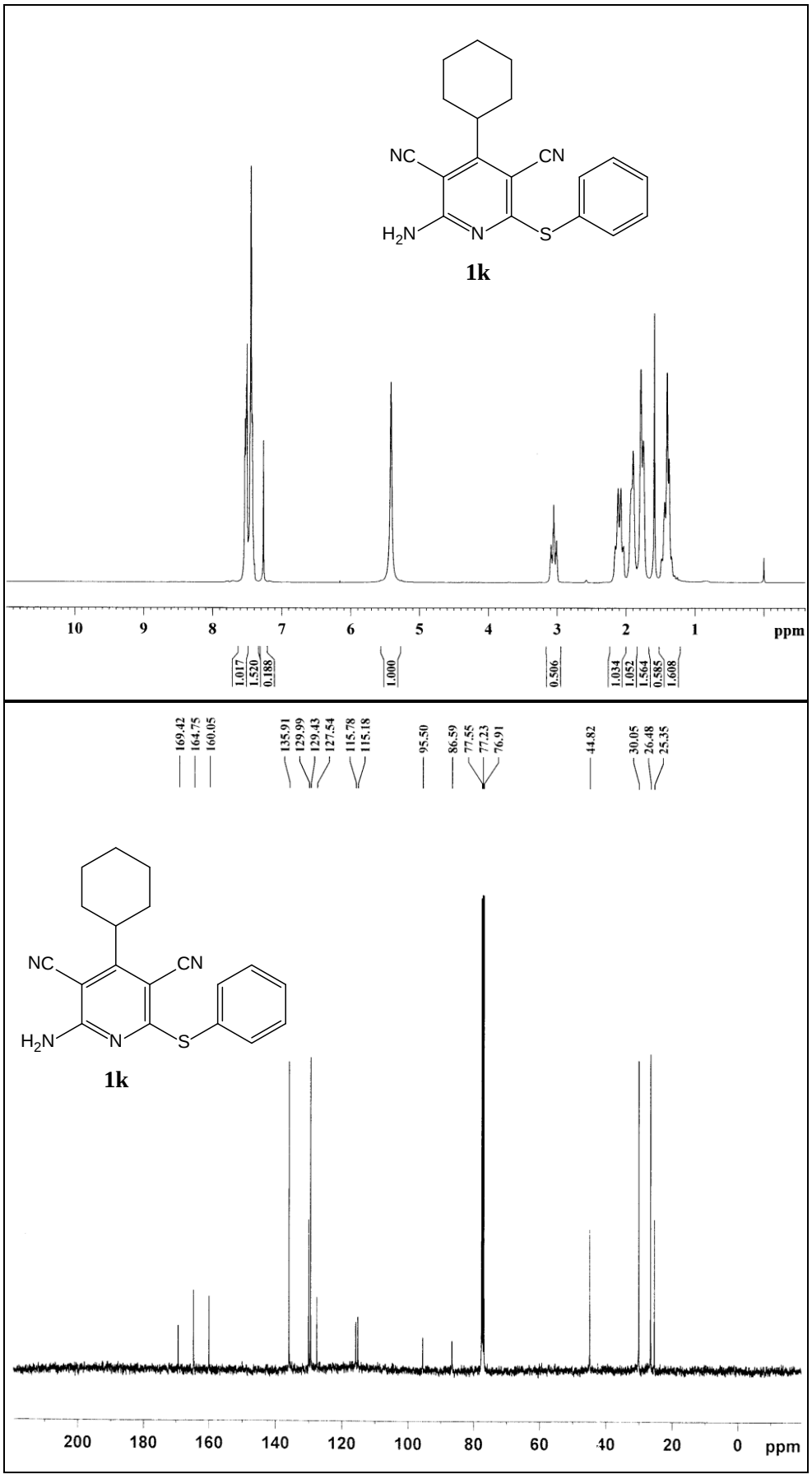


^{1}H and ^{13}C spectra of compound 1j

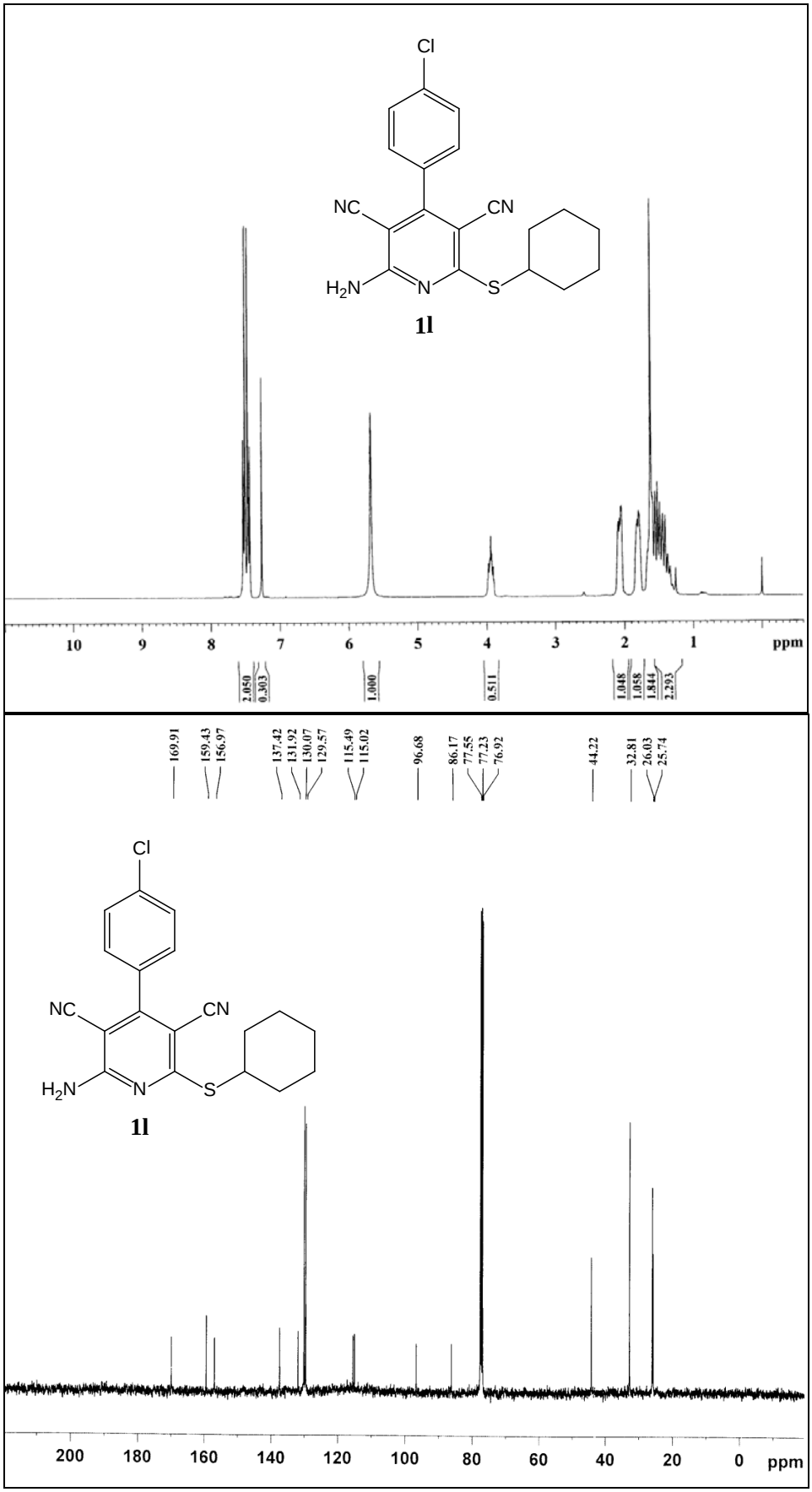




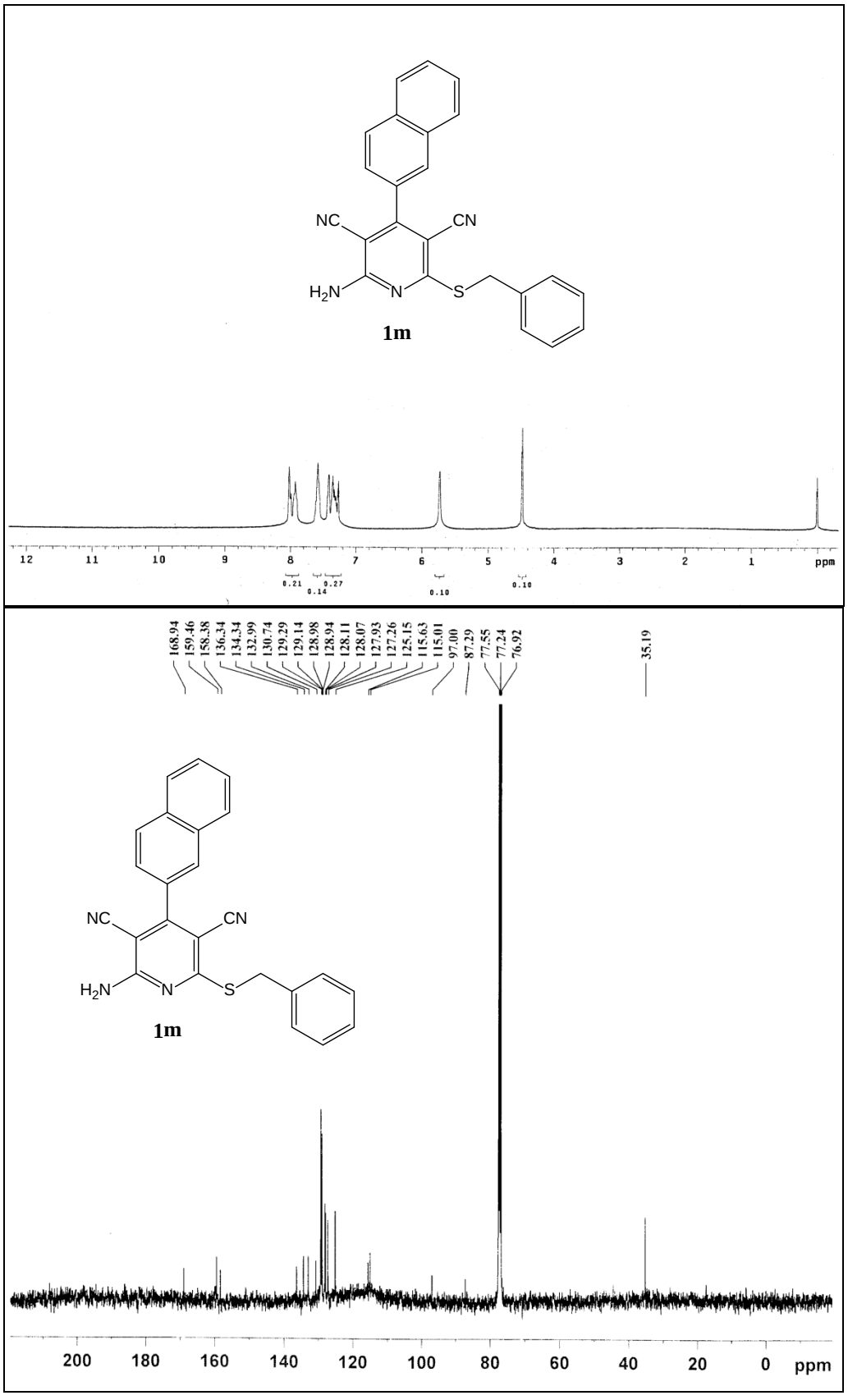
^{1}H and ^{13}C spectra of compound 1k



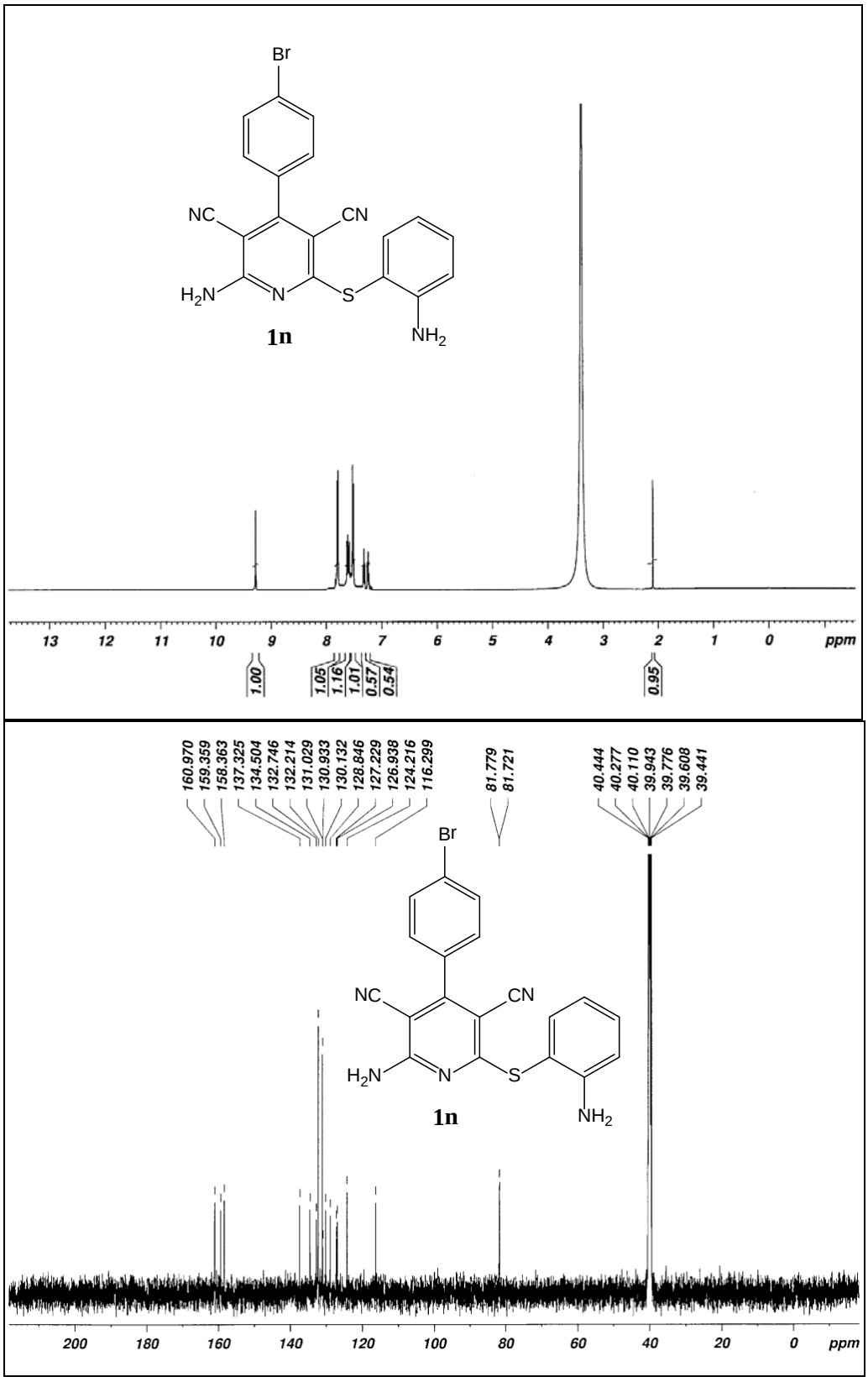
^{1}H and ^{13}C spectra of compound 1l



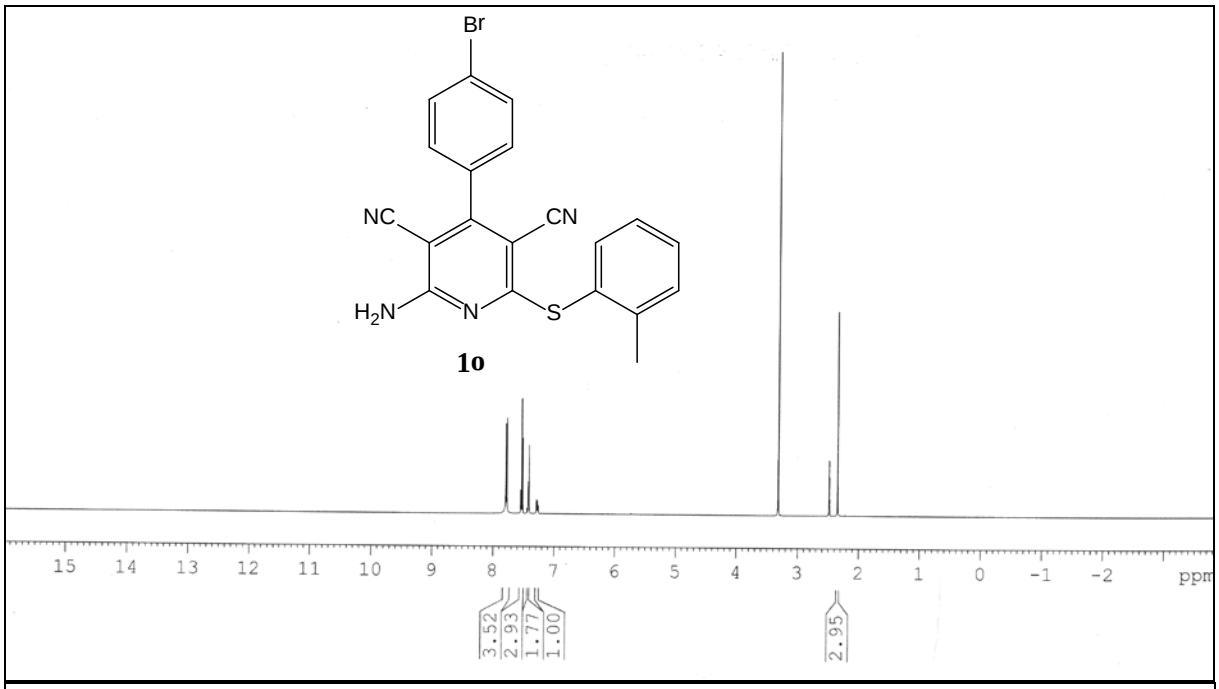
^{1}H and ^{13}C spectra of compound 1m

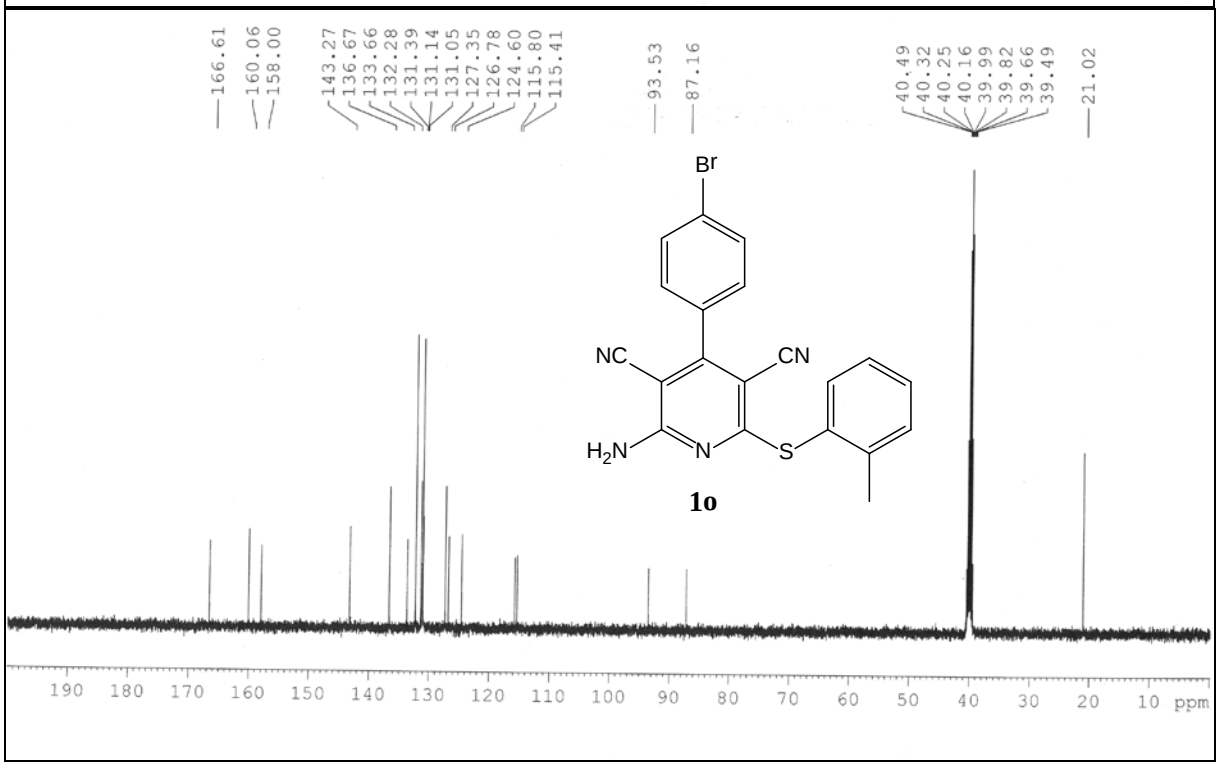


^{1}H and ^{13}C spectra of compound 1n

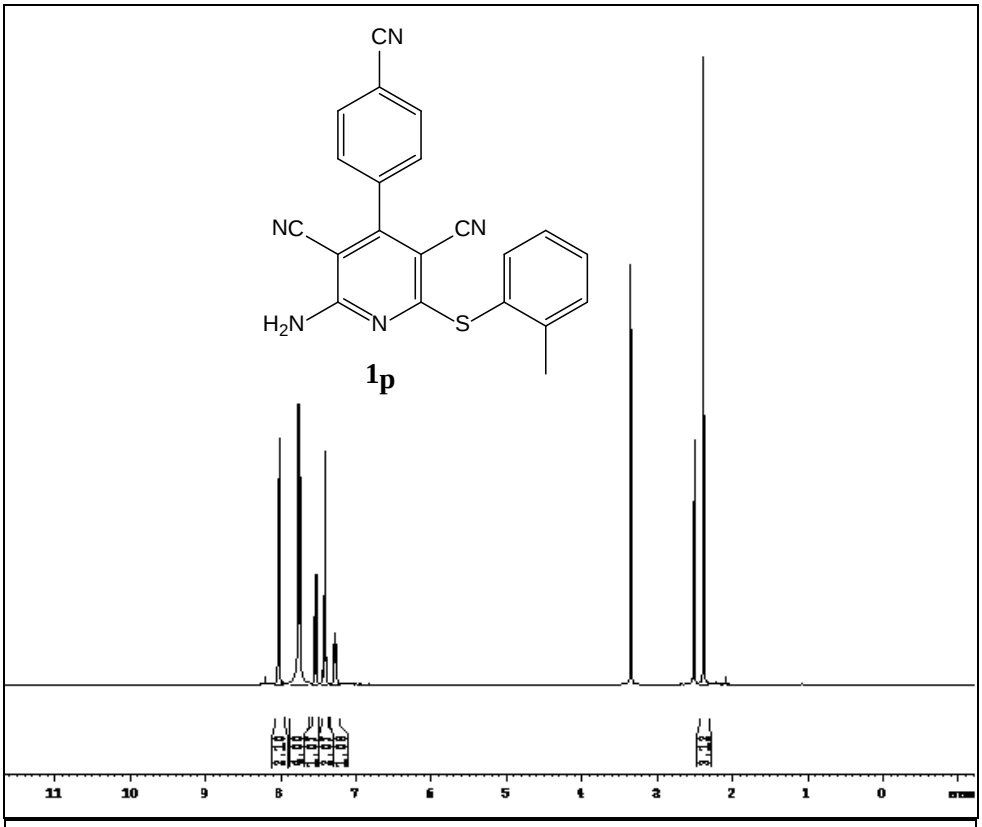


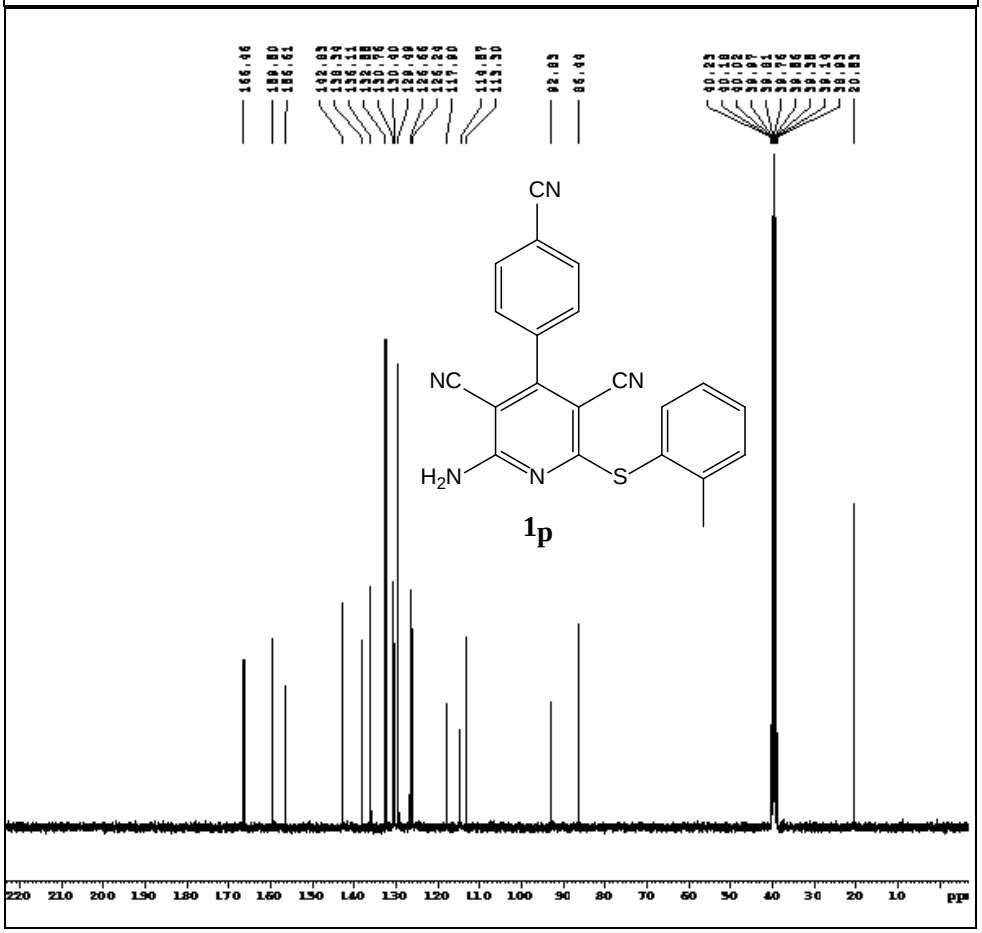
^{1}H and ^{13}C spectra of compound 1o



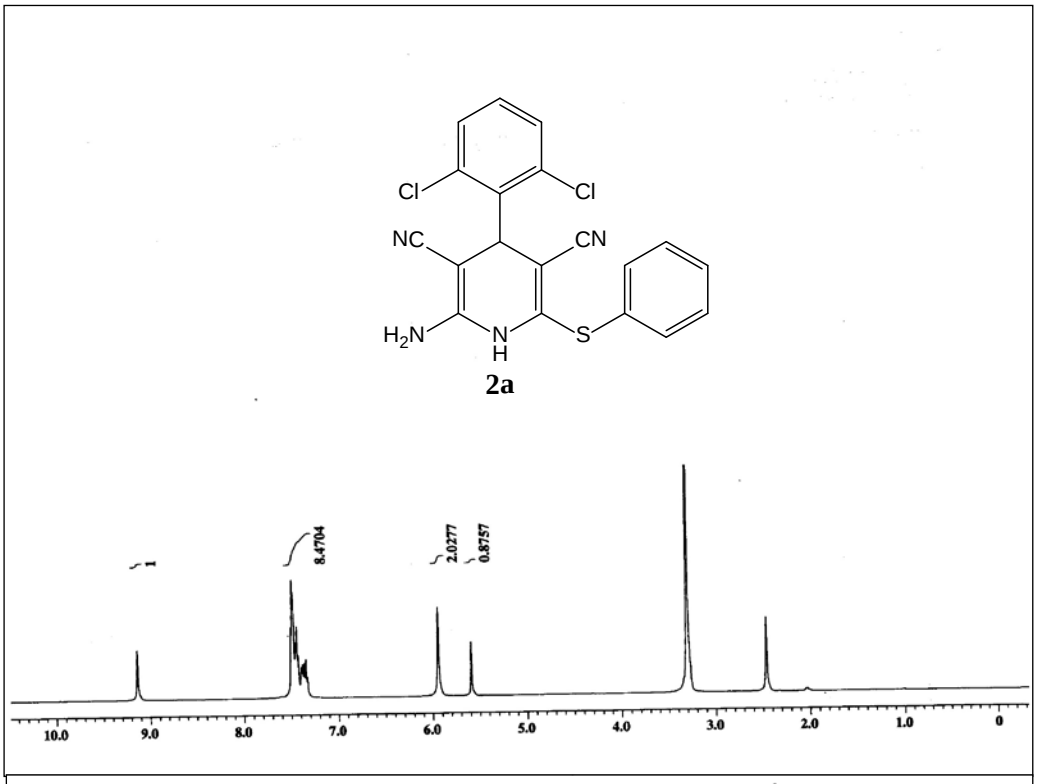


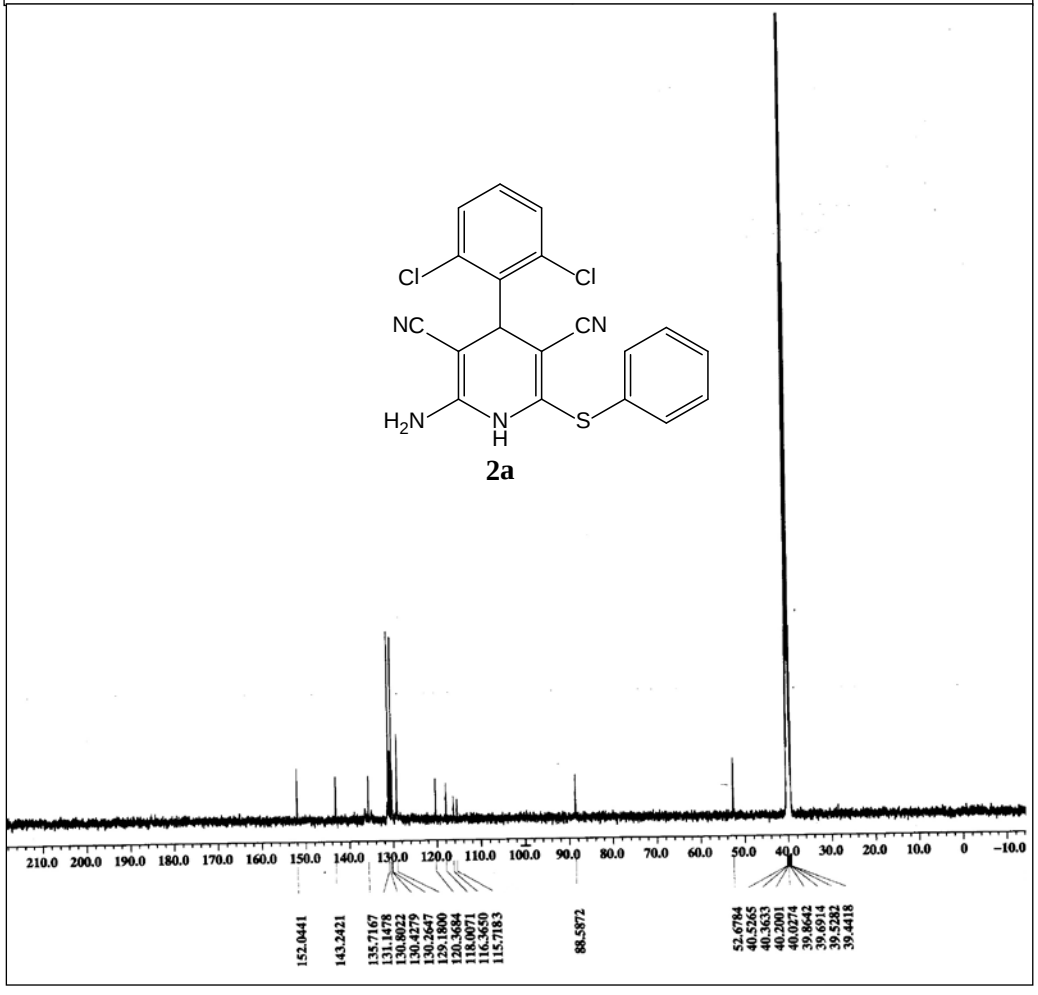
^{1}H and ^{13}C spectra of compound 1p



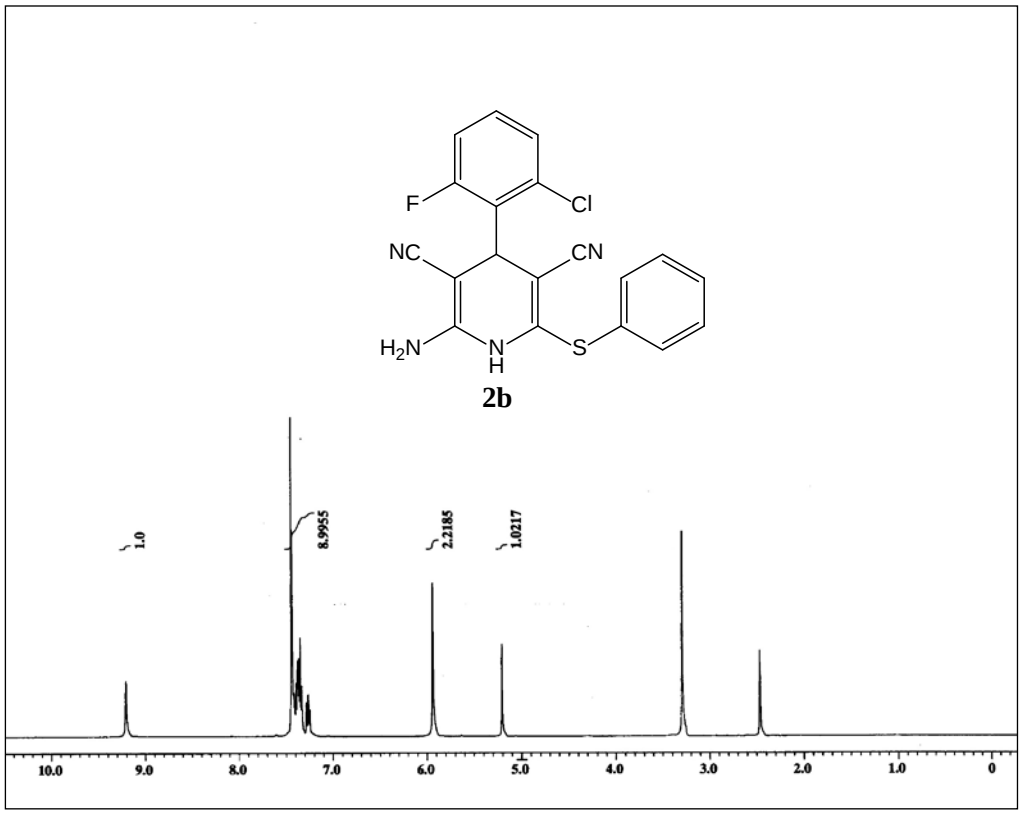


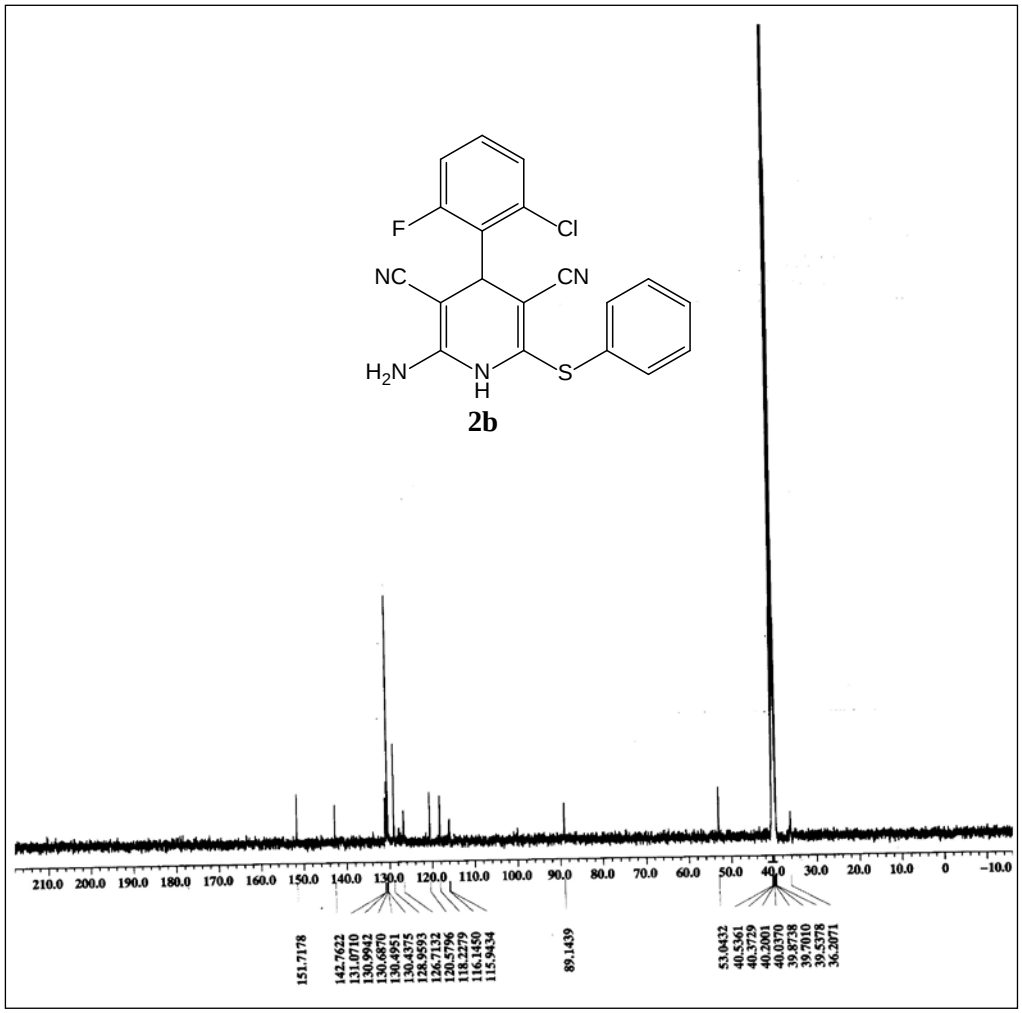
^{1}H and ^{13}C spectra of compound 2a



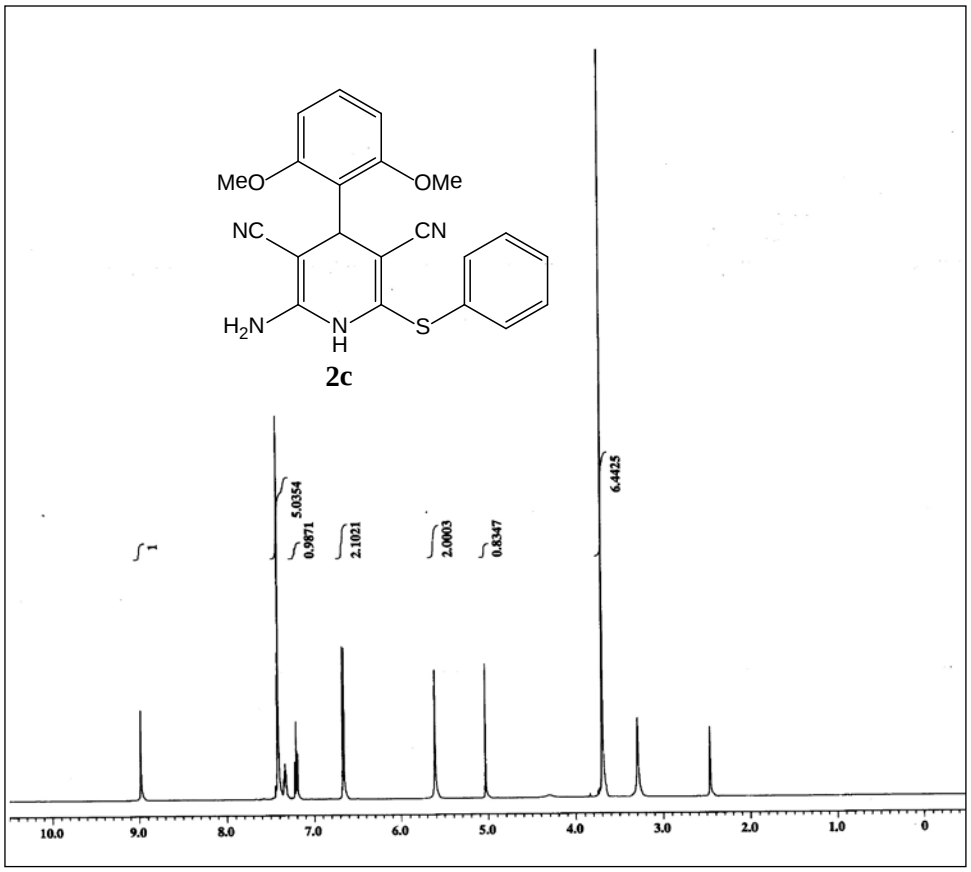


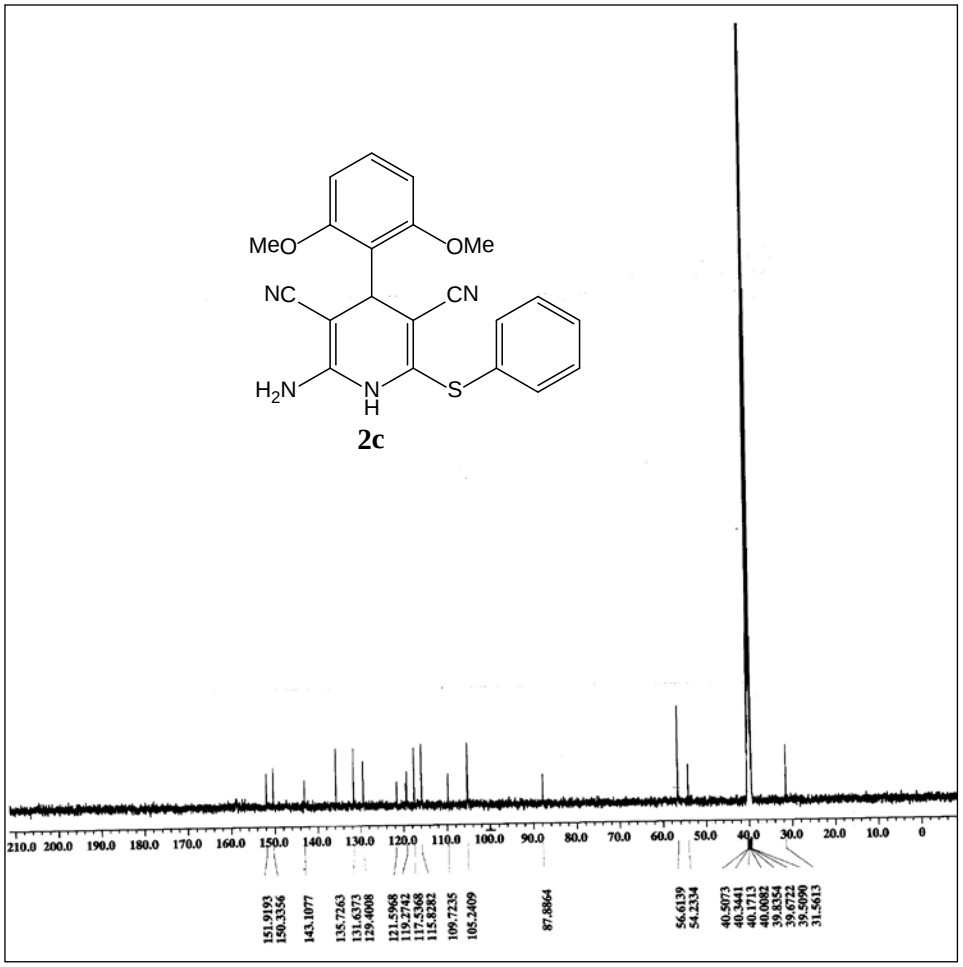
^{1}H and ^{13}C spectra of compound 2b



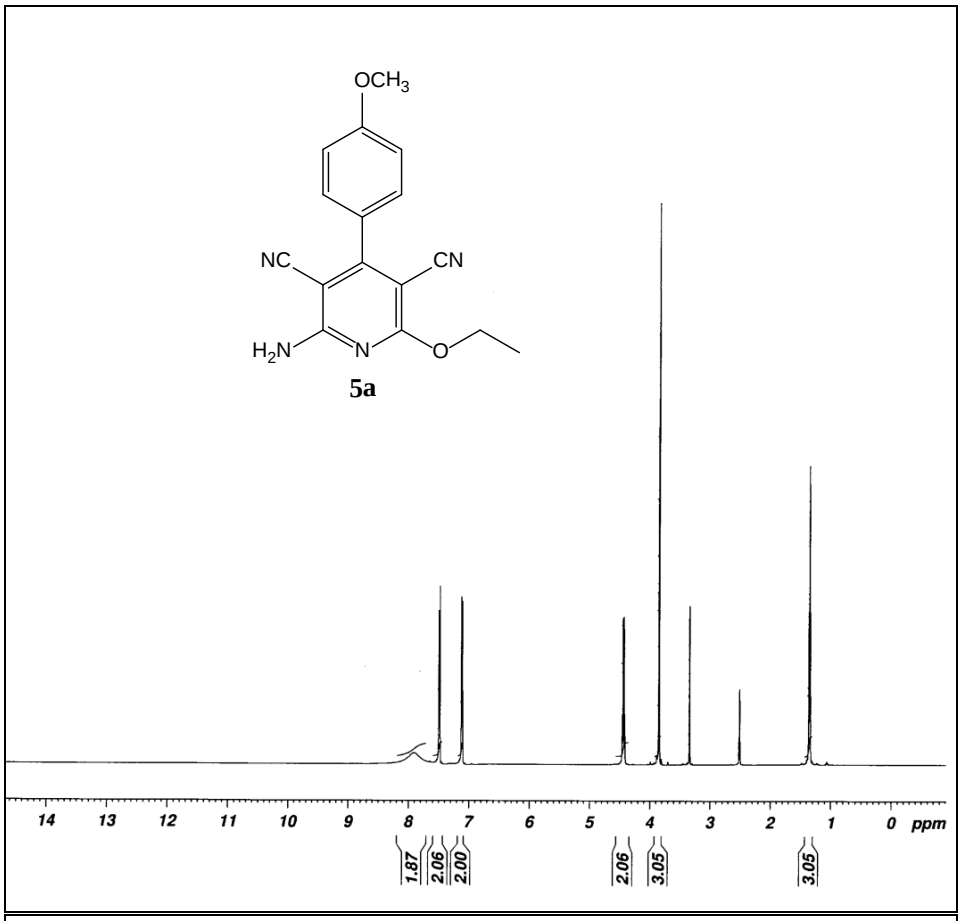


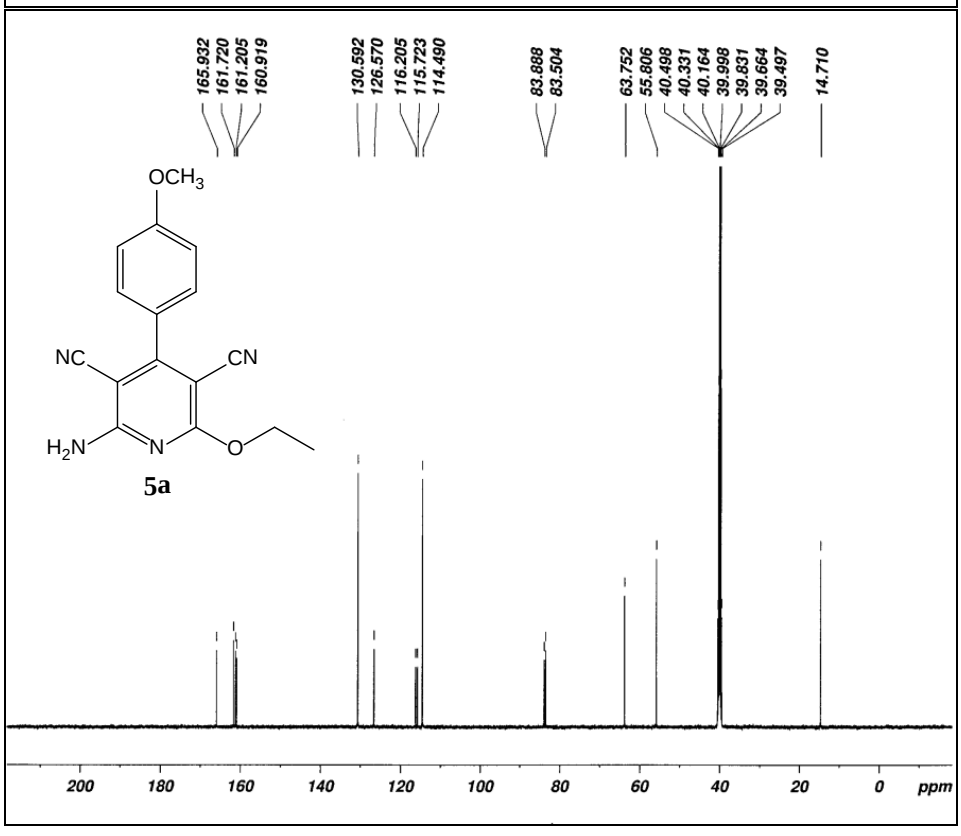
^{1}H and ^{13}C spectra of compound 2c



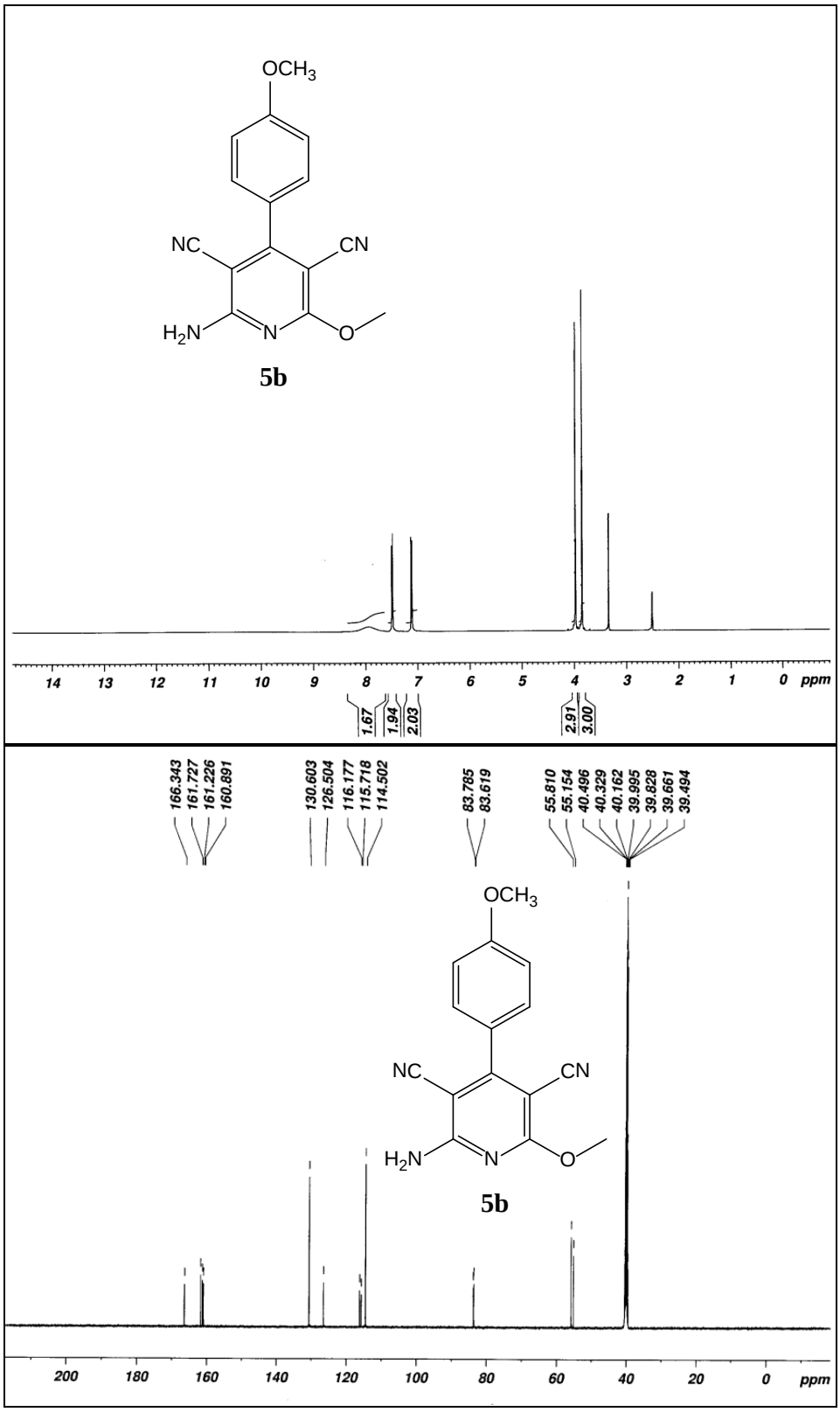


^{1}H and ^{13}C spectra of compound 5a

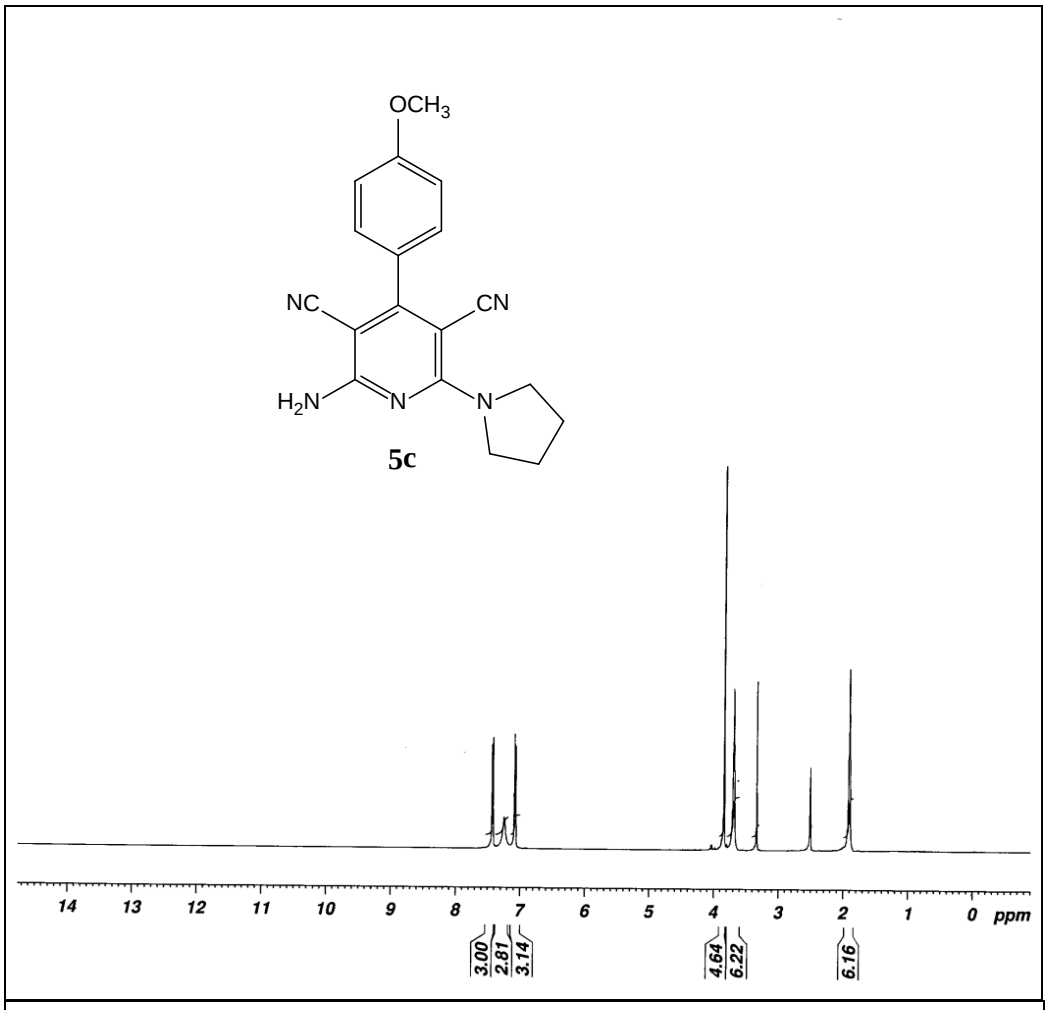


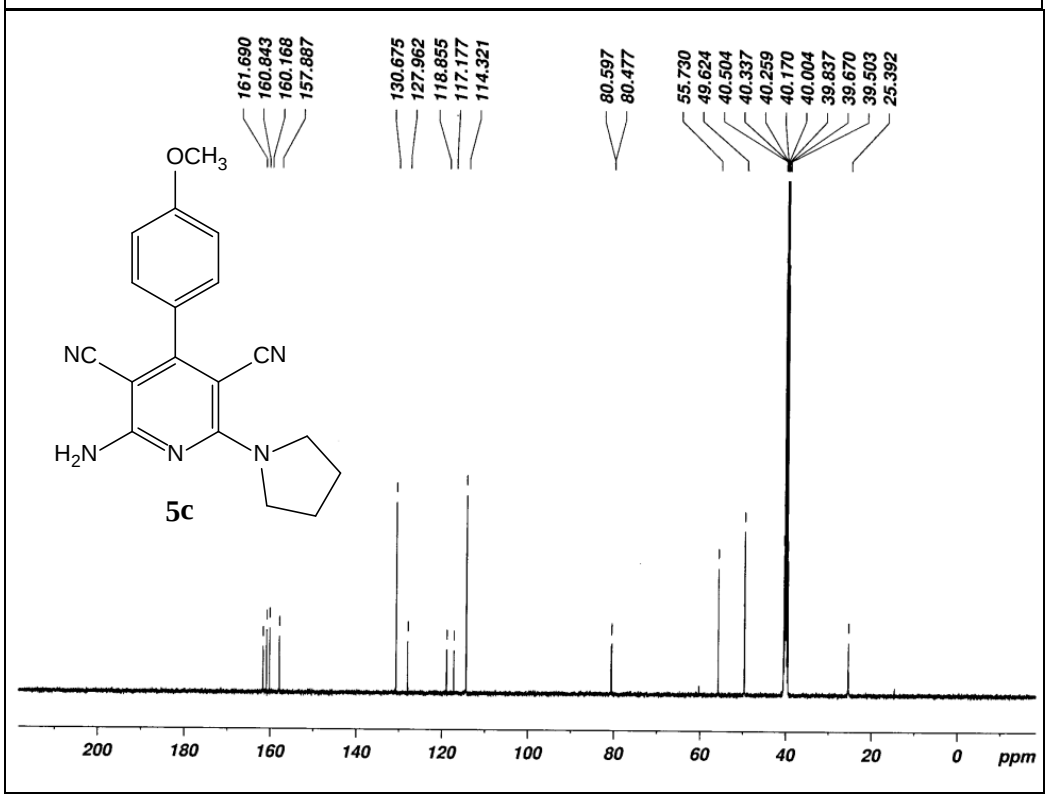


^{1}H and ^{13}C spectra of compound 5b

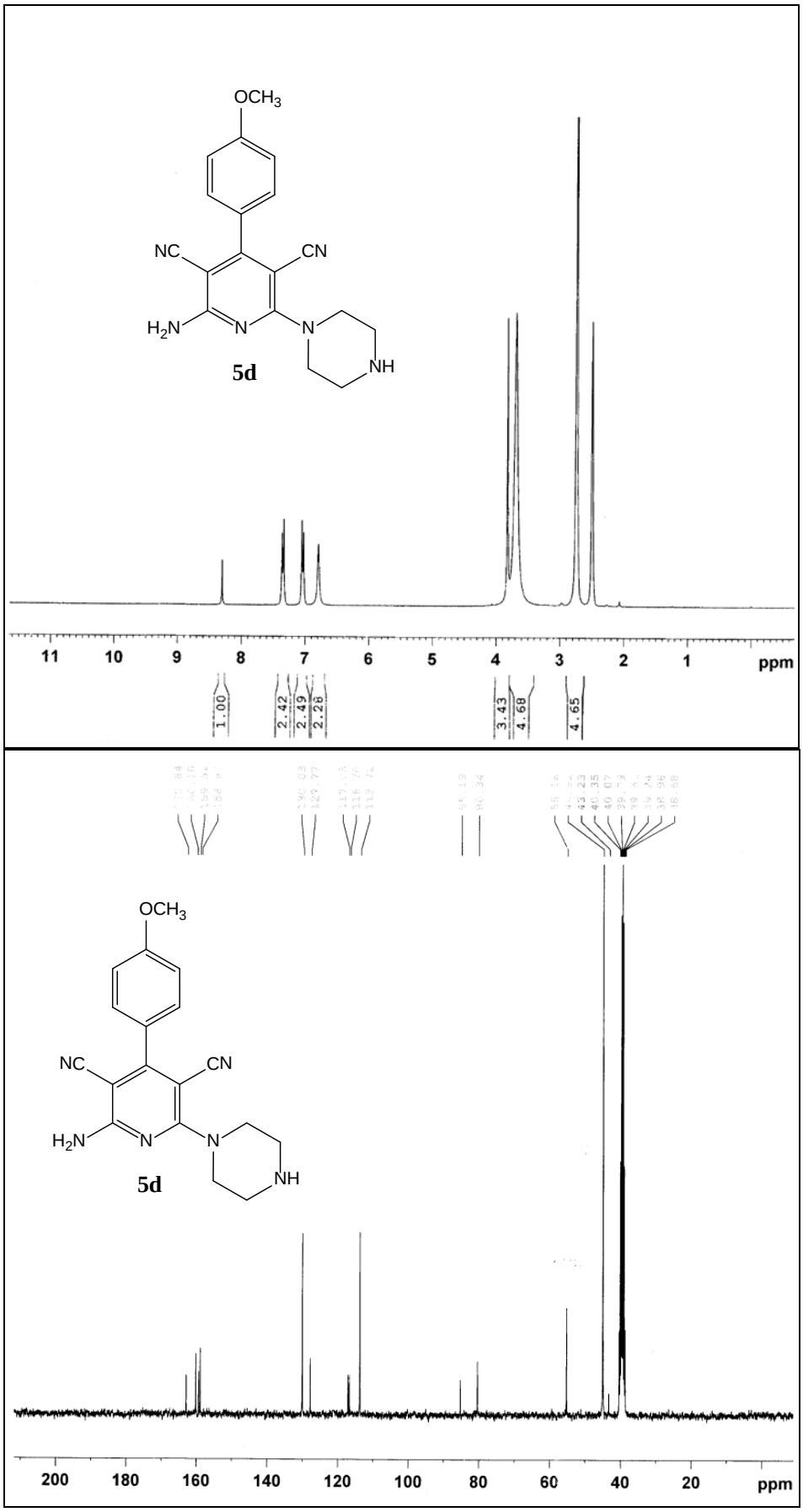


^{1}H and ^{13}C spectra of compound 5c





^{1}H and ^{13}C spectra of compound 5d



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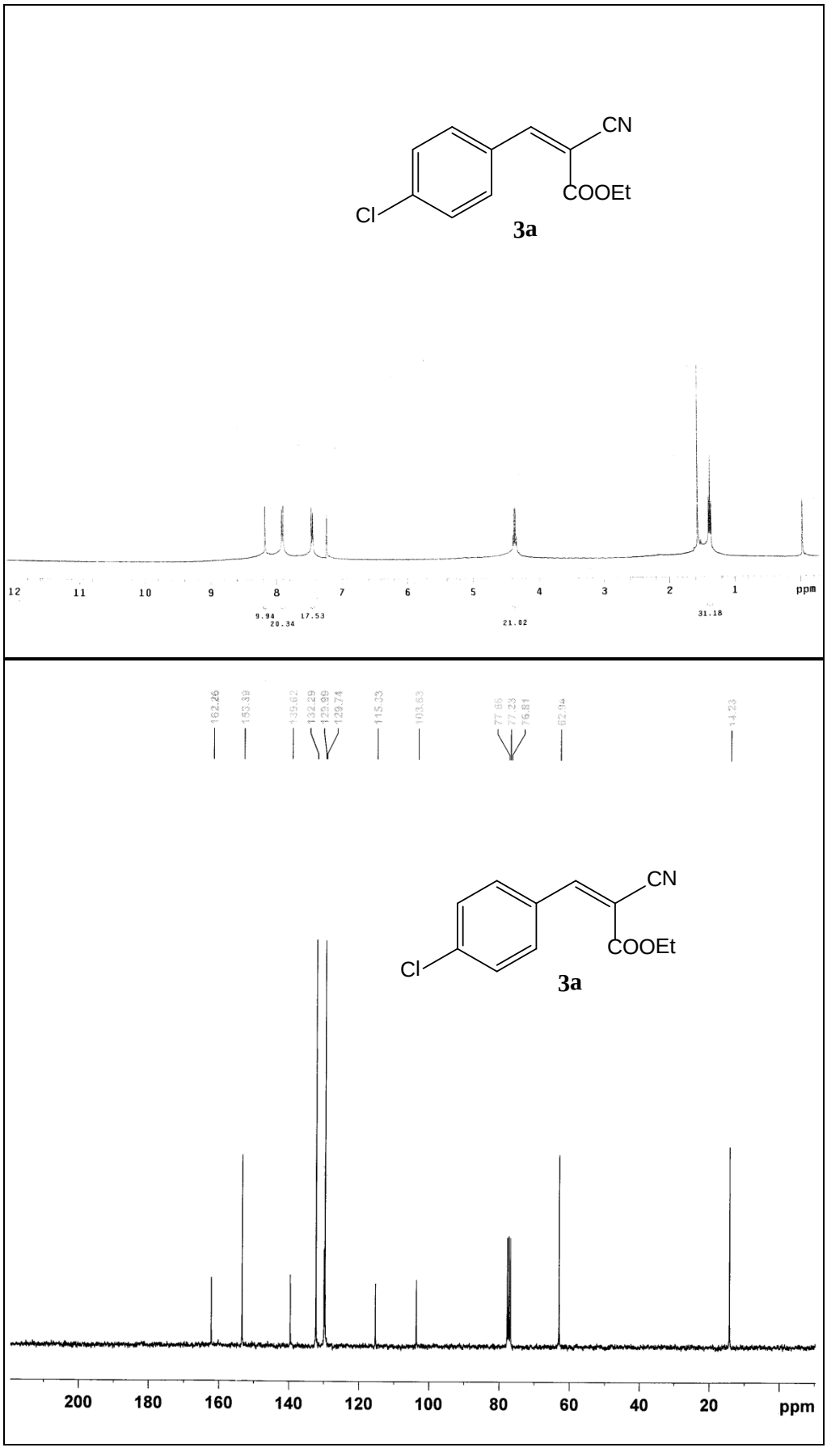
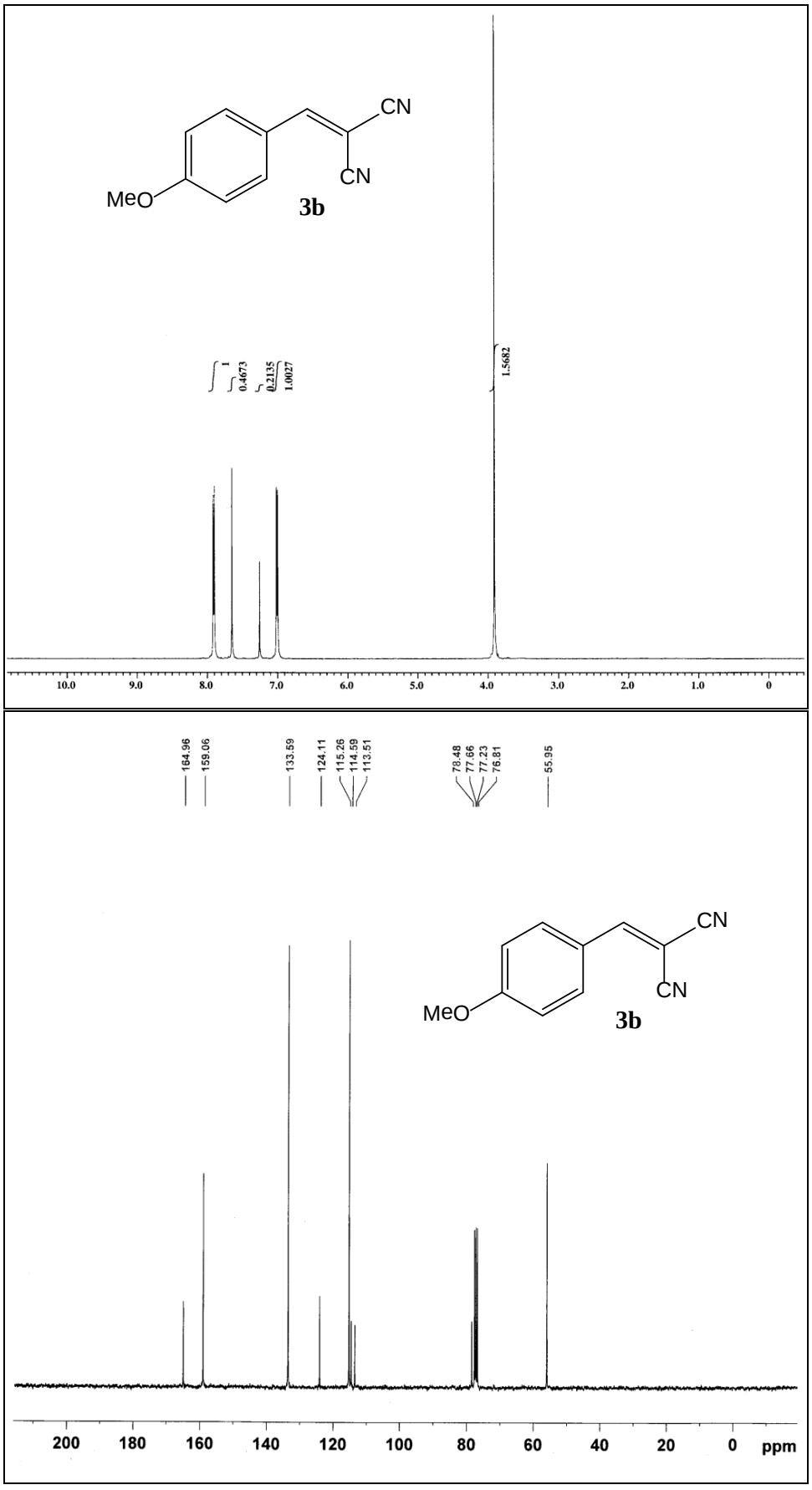
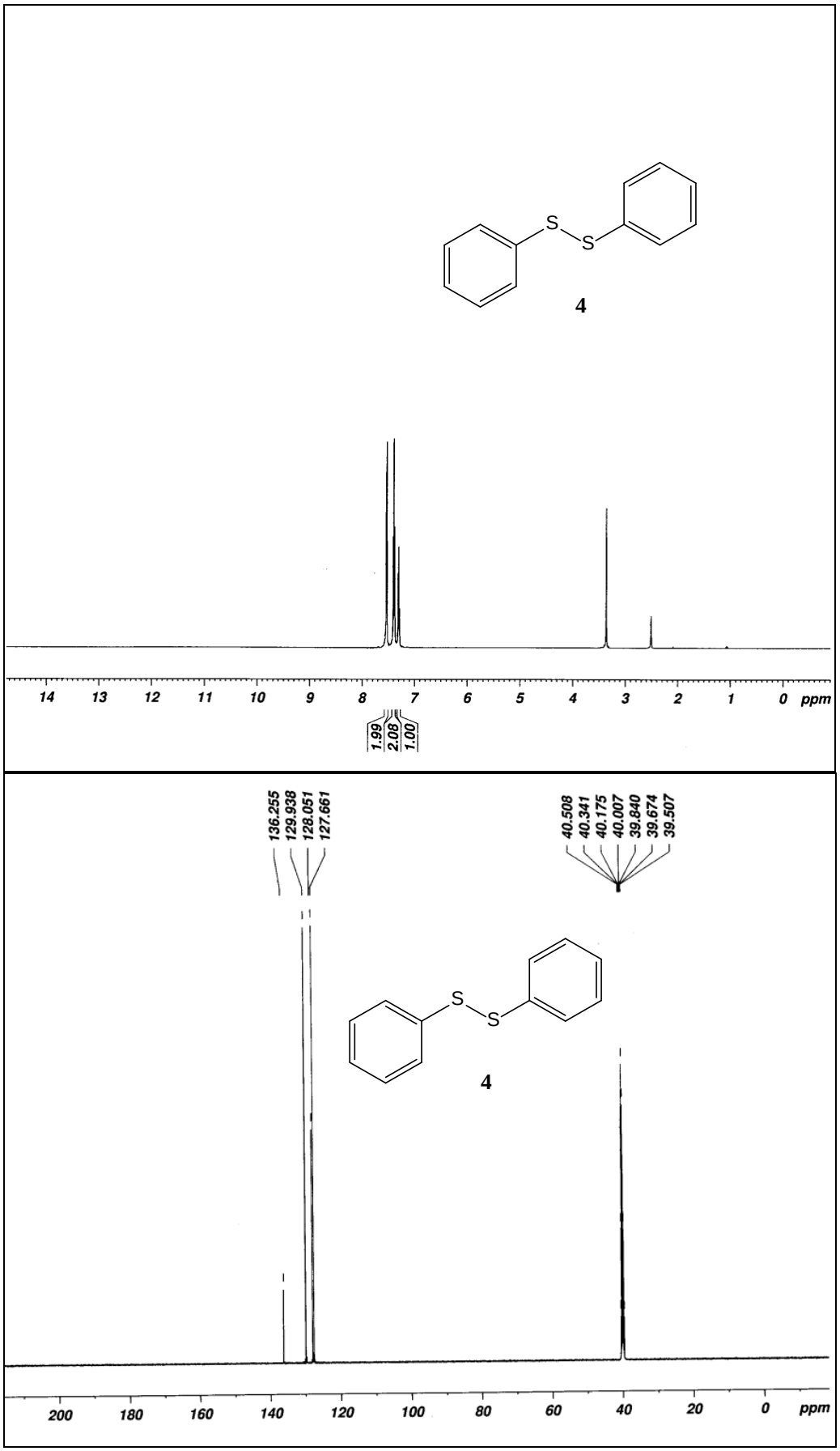


^{1}H and ^{13}C spectra of compound 3b



^{1}H and ^{13}C spectra of compound 4



^{1}H and ^{13}C spectra of compound 6