

# Antifungal Activity of New Eugenol-Benzoxazole Hybrids against *Candida* spp.

**Larissa Incerti Santos de Carvalho<sup>1</sup>, Dalila Junqueira Alvarenga<sup>1</sup>, Letícia Cruz Ferreira do Carmo<sup>1</sup>, Lucas Gomes de Oliveira<sup>1</sup>, Naiara Chaves Silva<sup>2</sup>, Amanda Latércia Tranches Dias<sup>2</sup>, Luiz Felipe Leomil Coelho<sup>2</sup>, Thiago Belarmino de Souza<sup>3</sup>, Danielle Ferreira Dias<sup>3</sup>, Diogo Teixeira Carvalho<sup>1\*</sup>**

<sup>1</sup>*Department of Foods and Drugs, Faculty of Pharmaceutical Sciences, Federal University of Alfenas, 37130-001, Alfenas, Brazil*

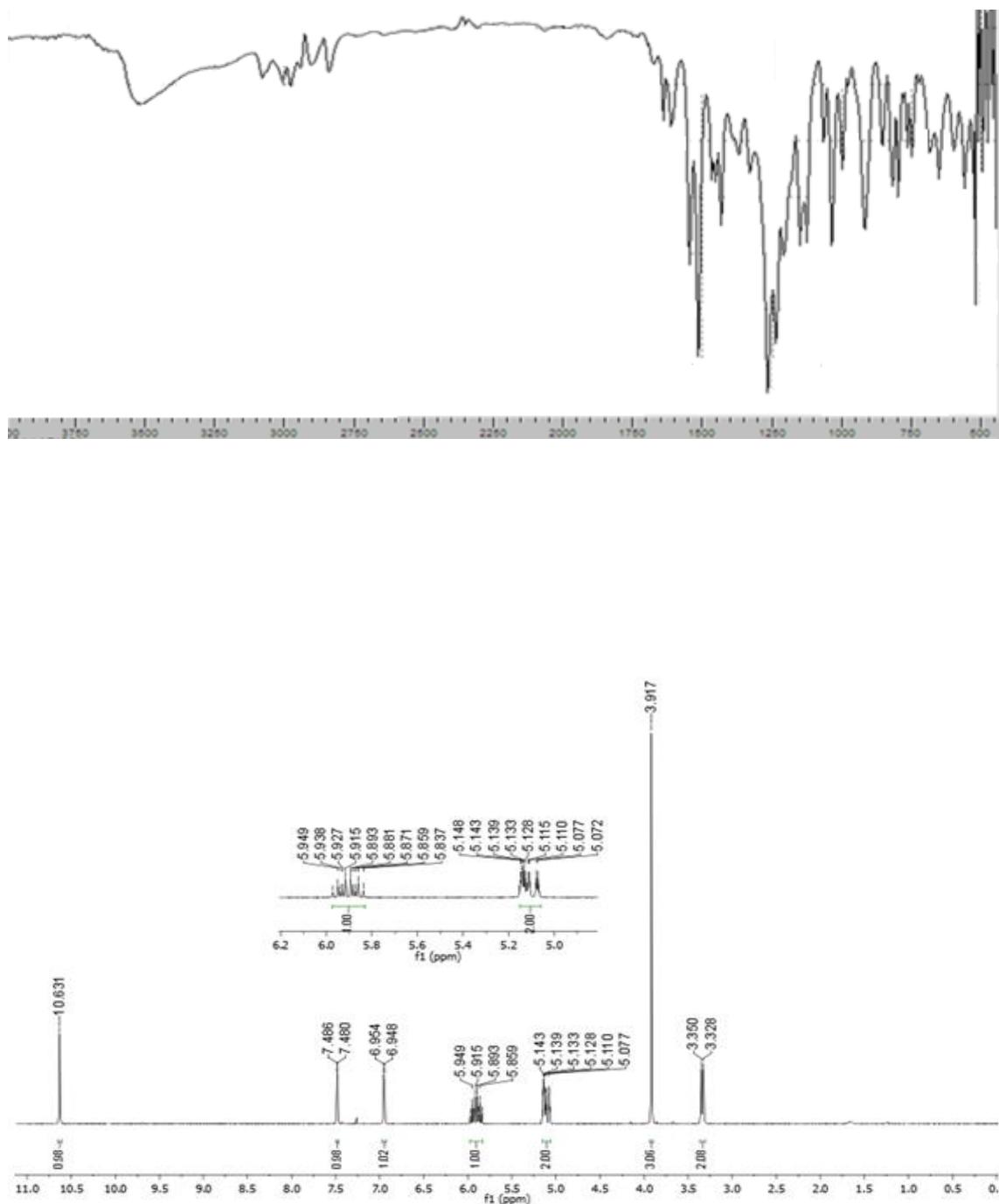
<sup>2</sup>*Department of Microbiology and Immunology, Institute of Biomedical Sciences, Federal University of Alfenas, 37130-001, Alfenas, Brazil*

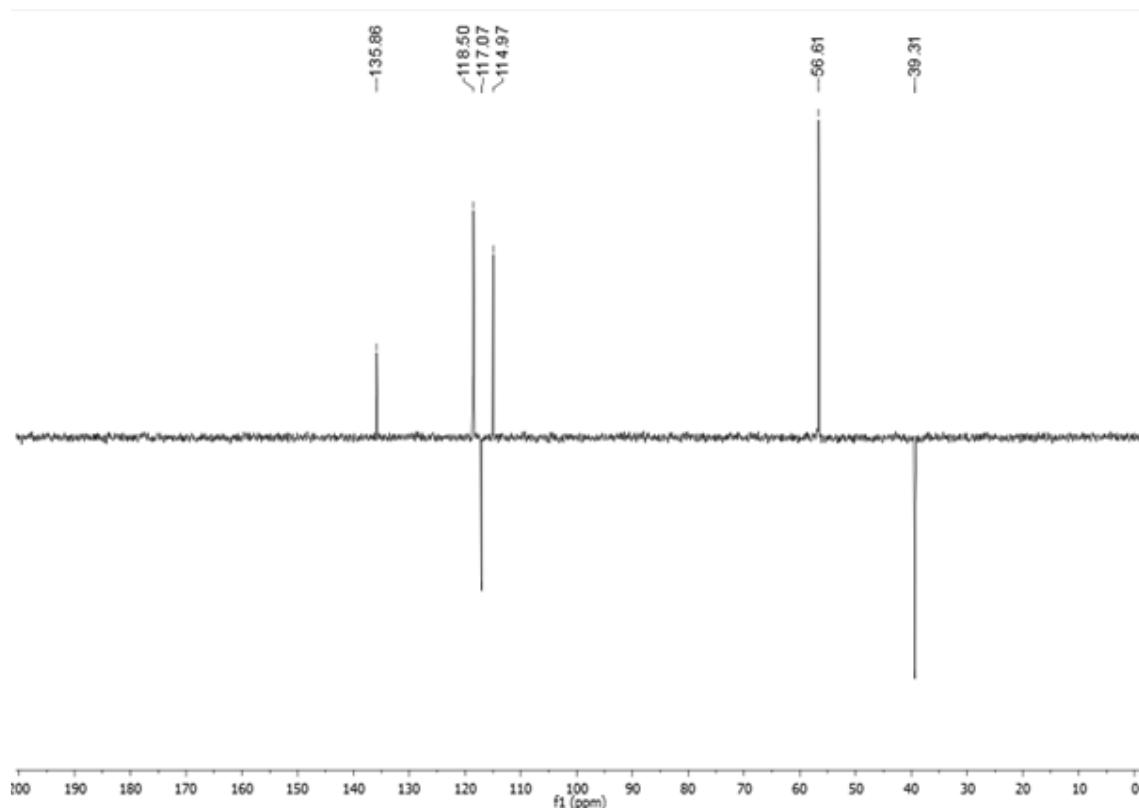
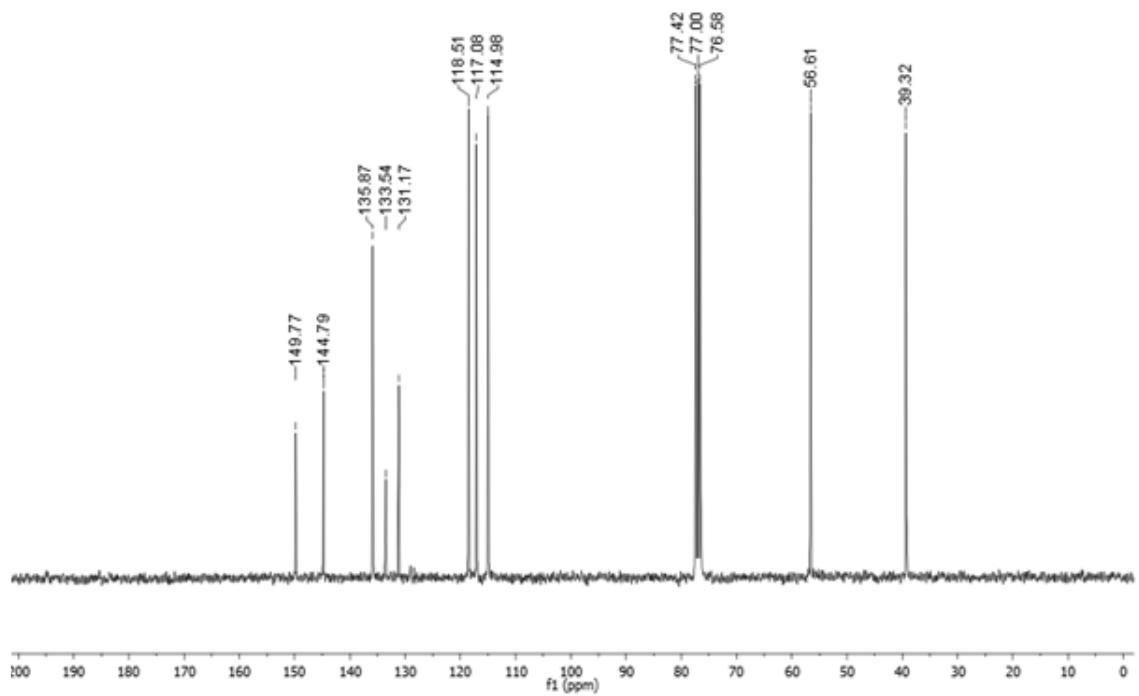
<sup>3</sup>*Institute of Chemistry, Federal University of Alfenas, 37130-001, Alfenas, Brazil*

## SUPPLEMENTARY MATERIAL

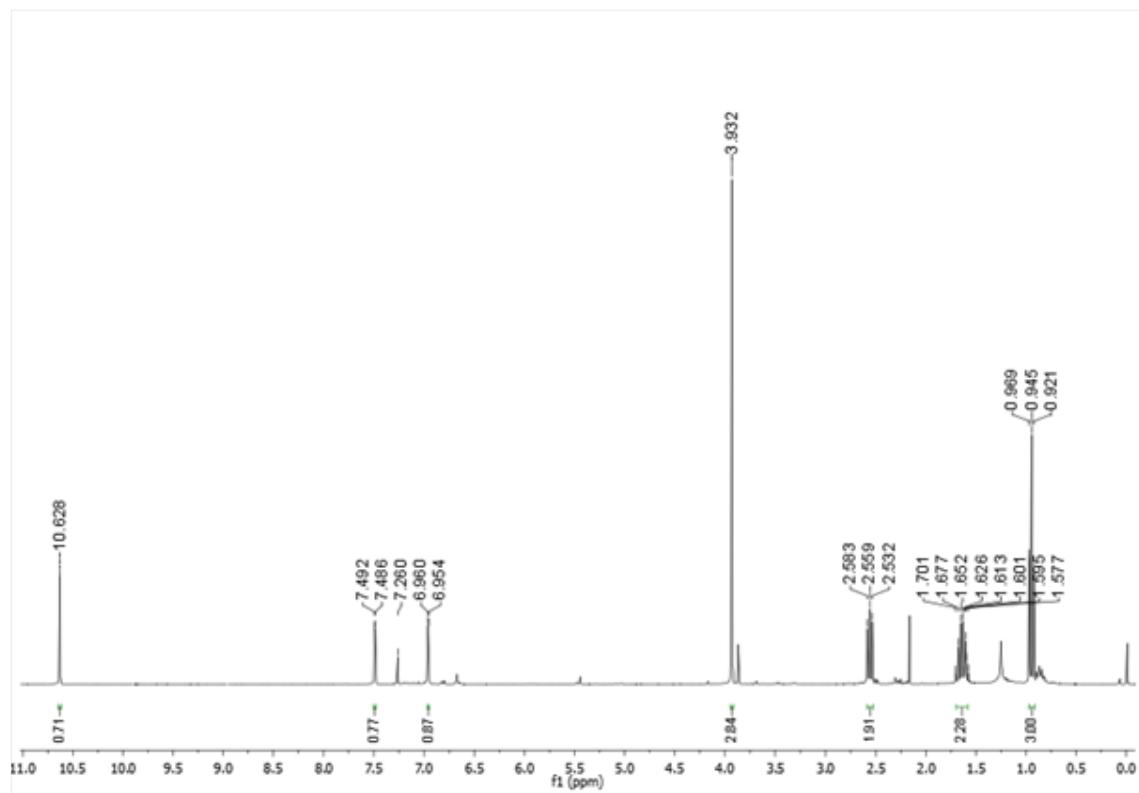
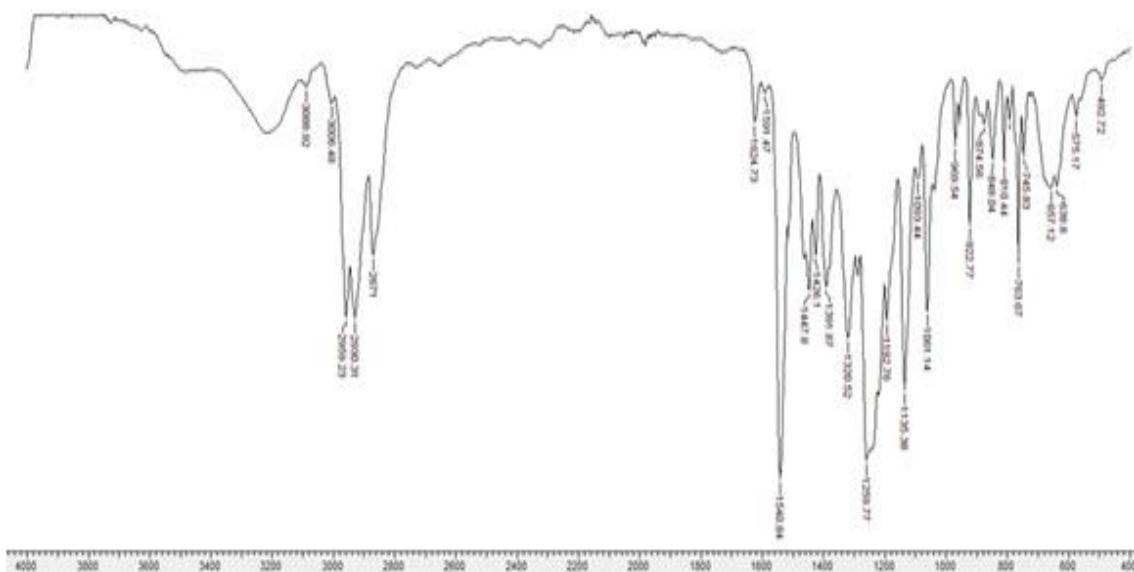
## INFRARED AND NUCLEAR MAGNETIC RESONANCE SPECTRA

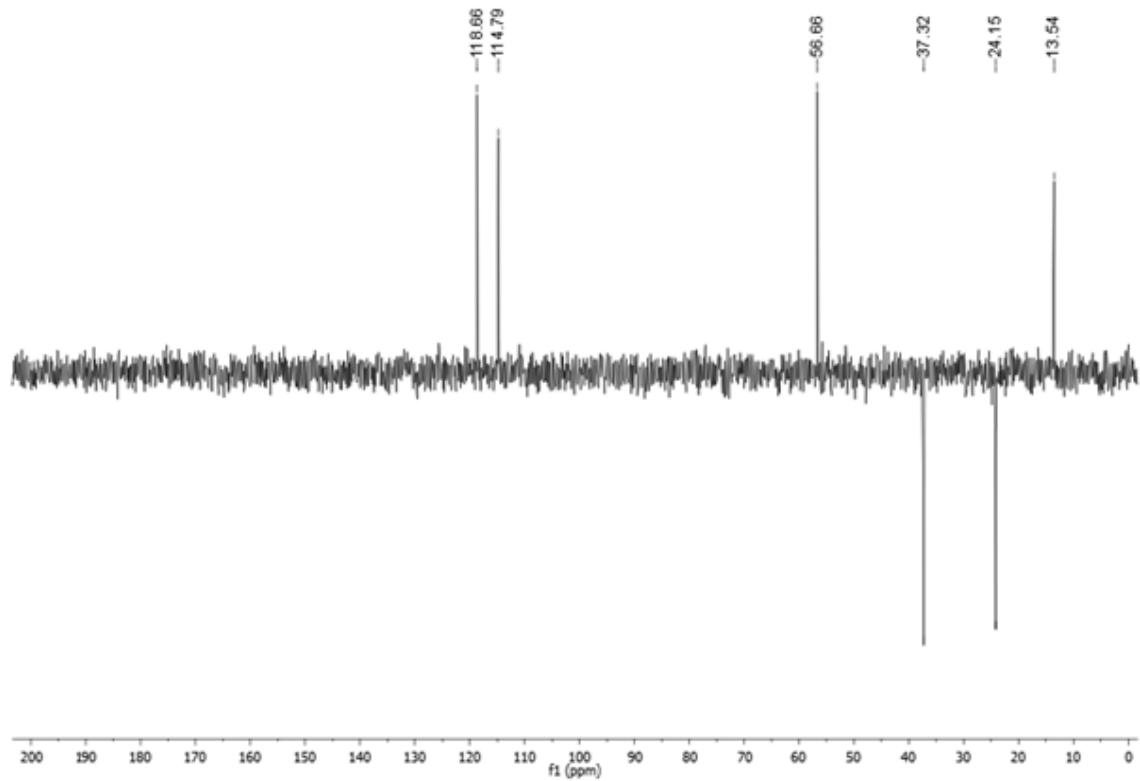
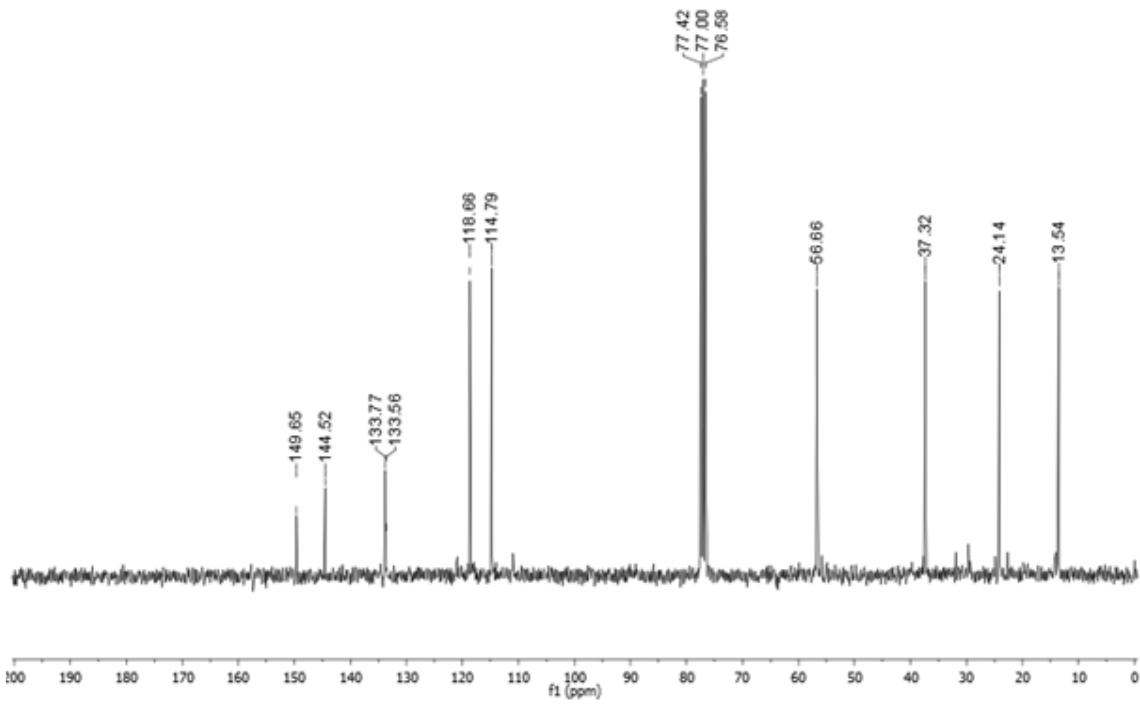
**4-allyl-2-methoxy-6-nitrophenol (2)**



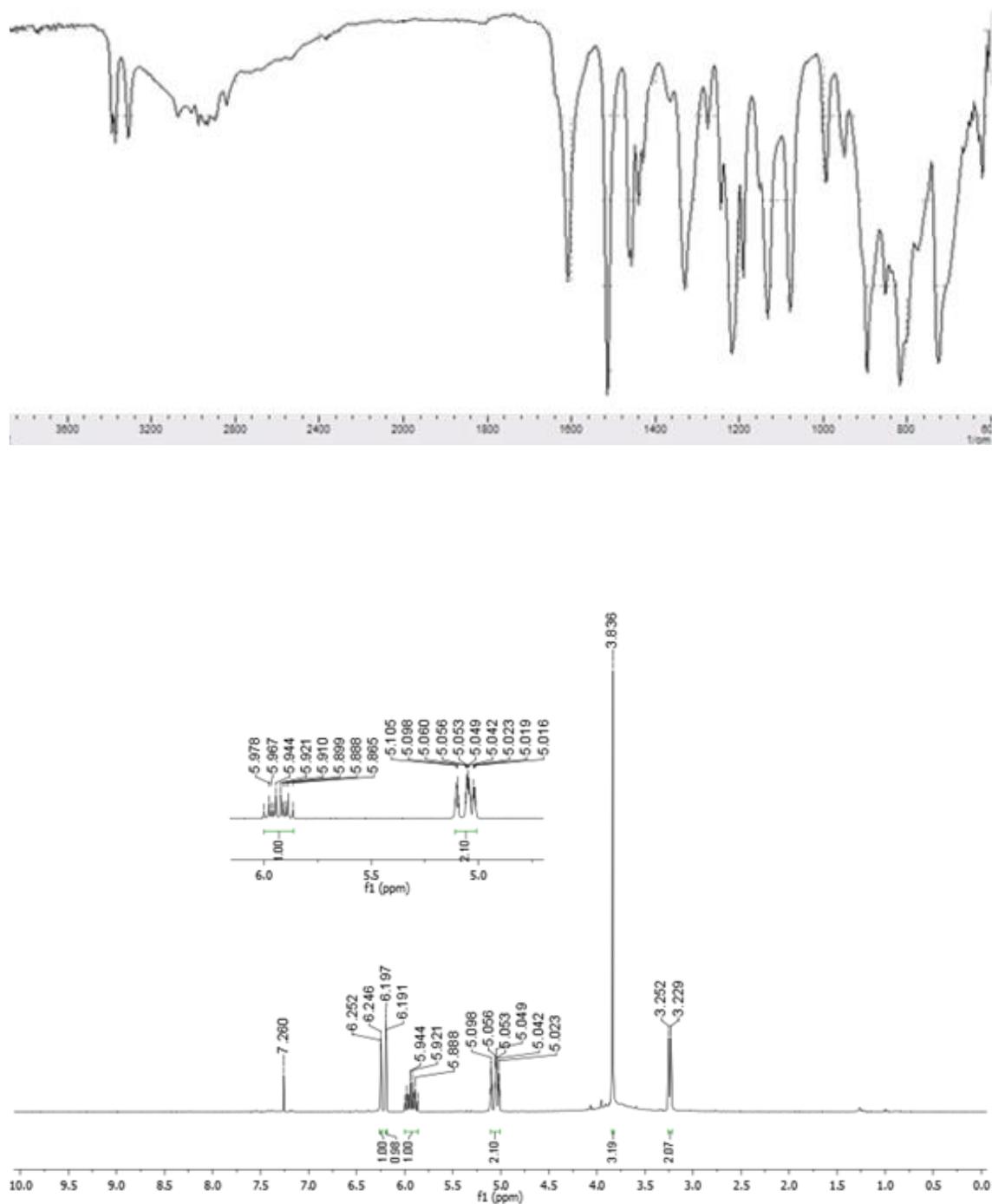


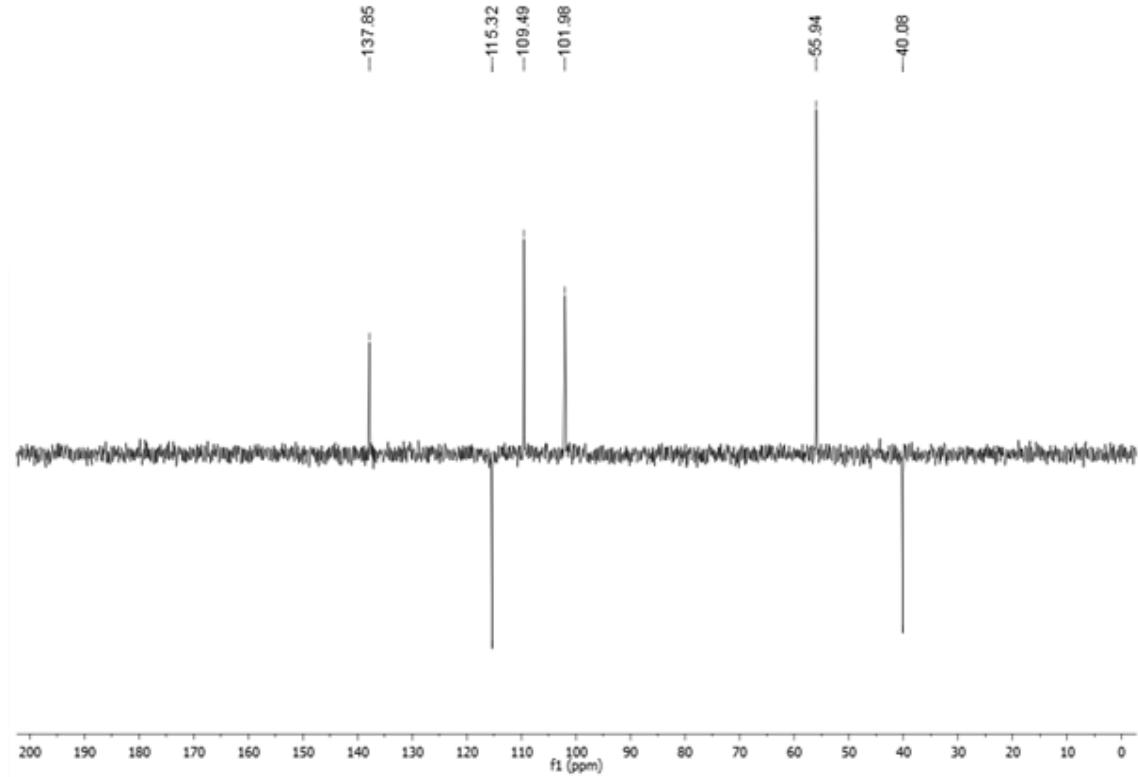
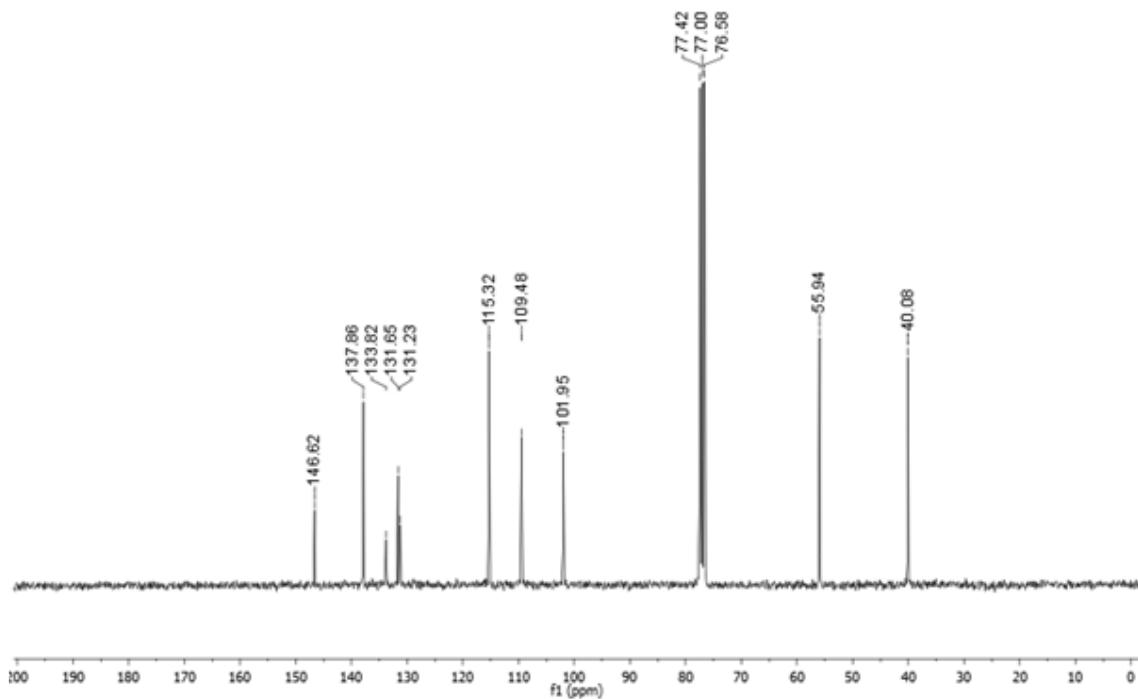
**2-methoxy-6-nitro-4-propylphenol (2')**



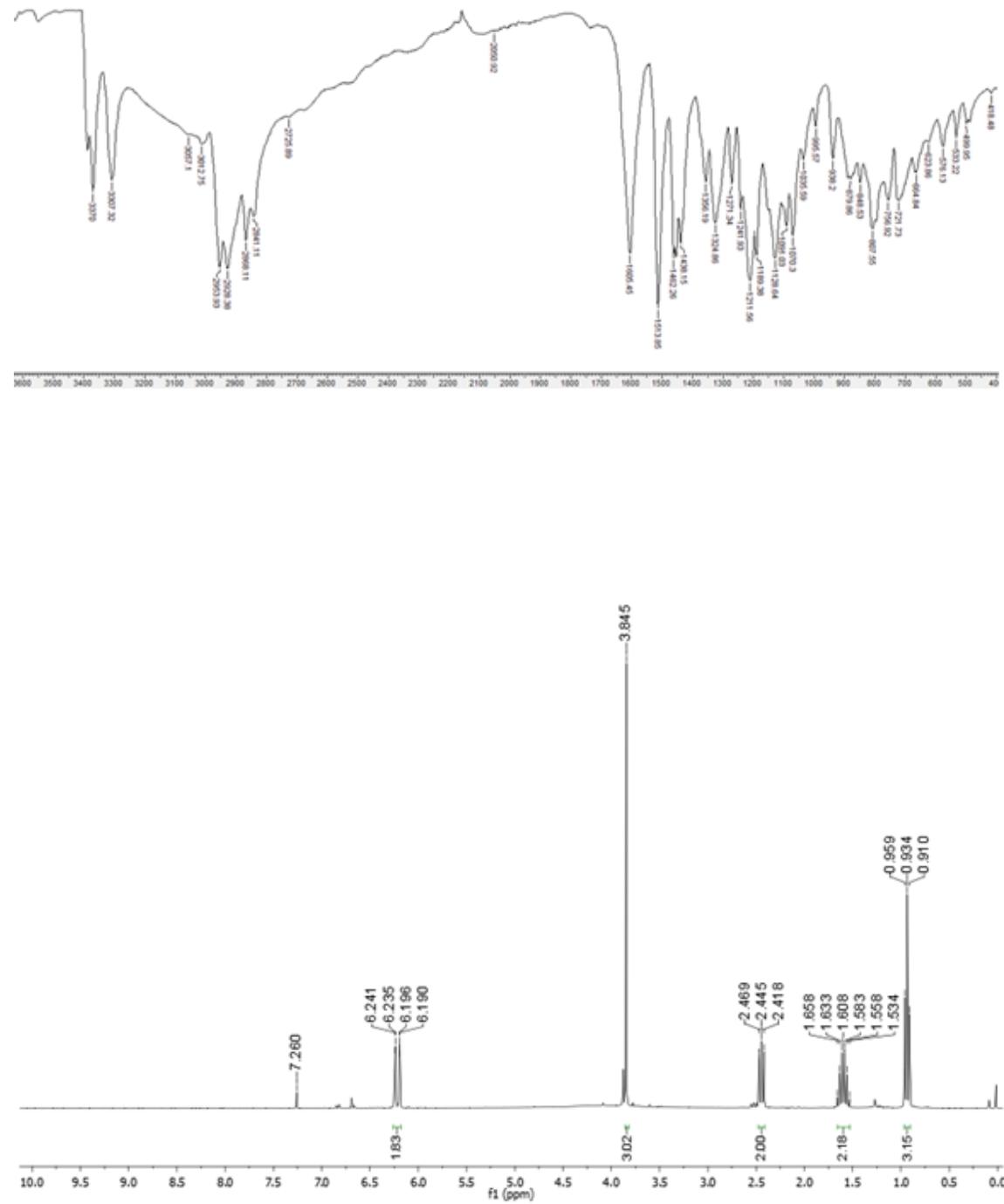


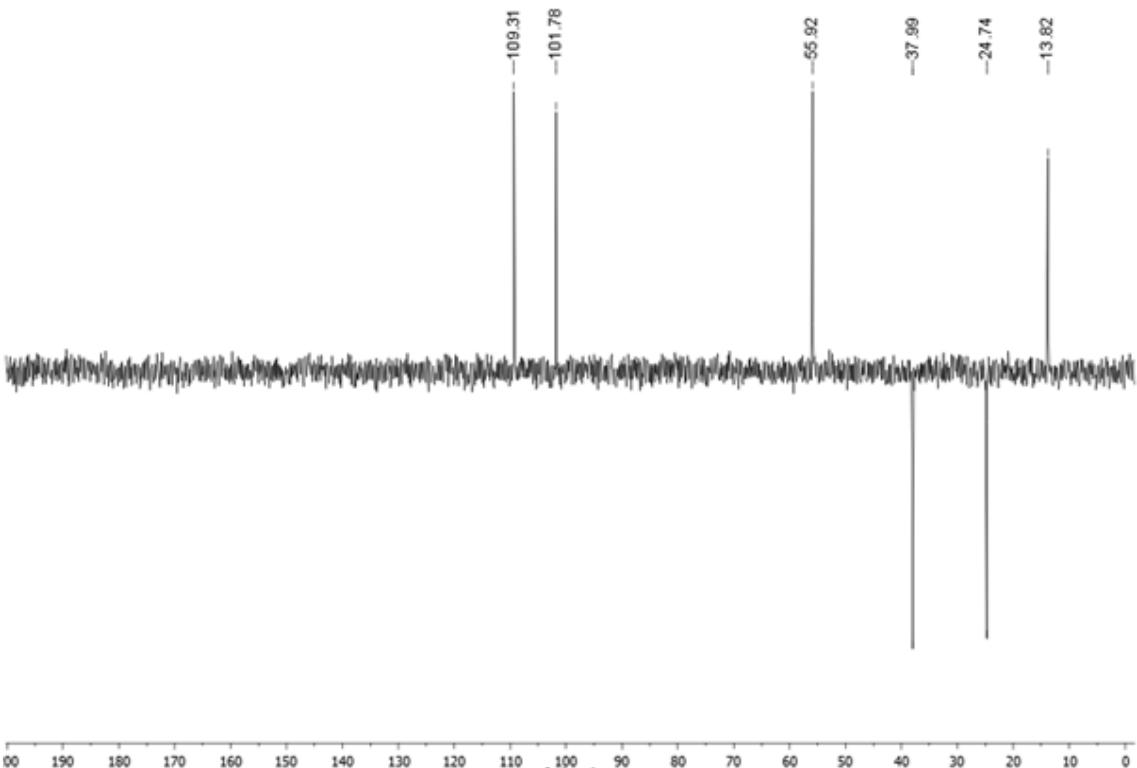
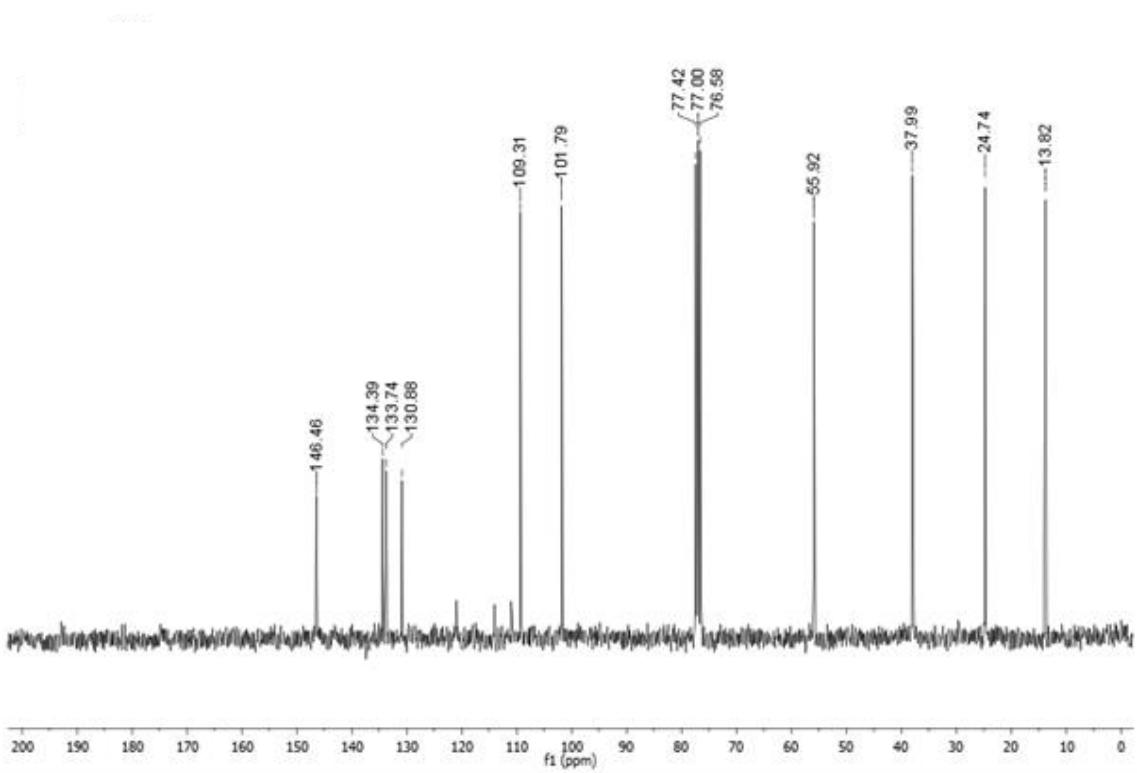
**4-allyl-2-amino-6-methoxyphenol (3)**



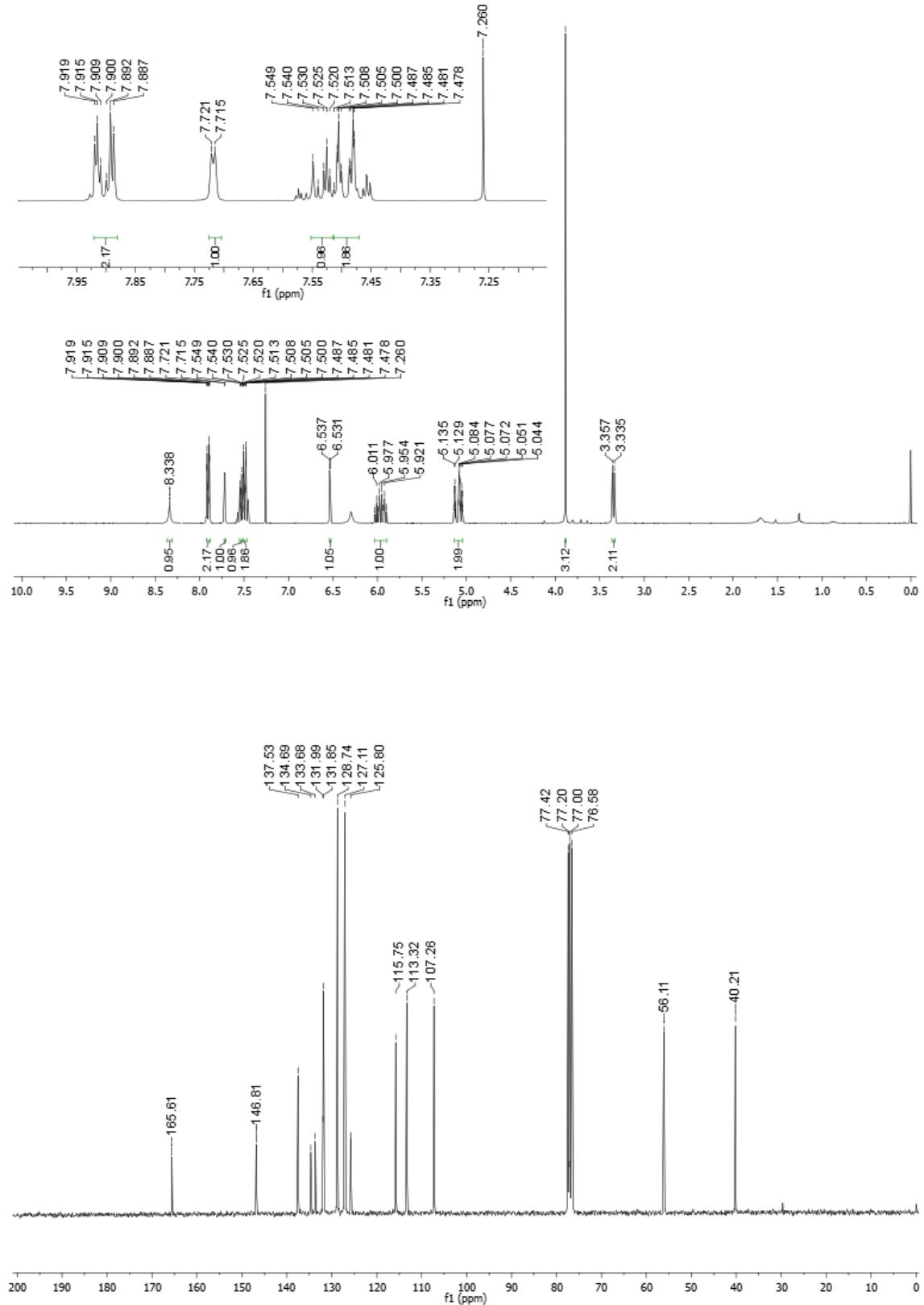


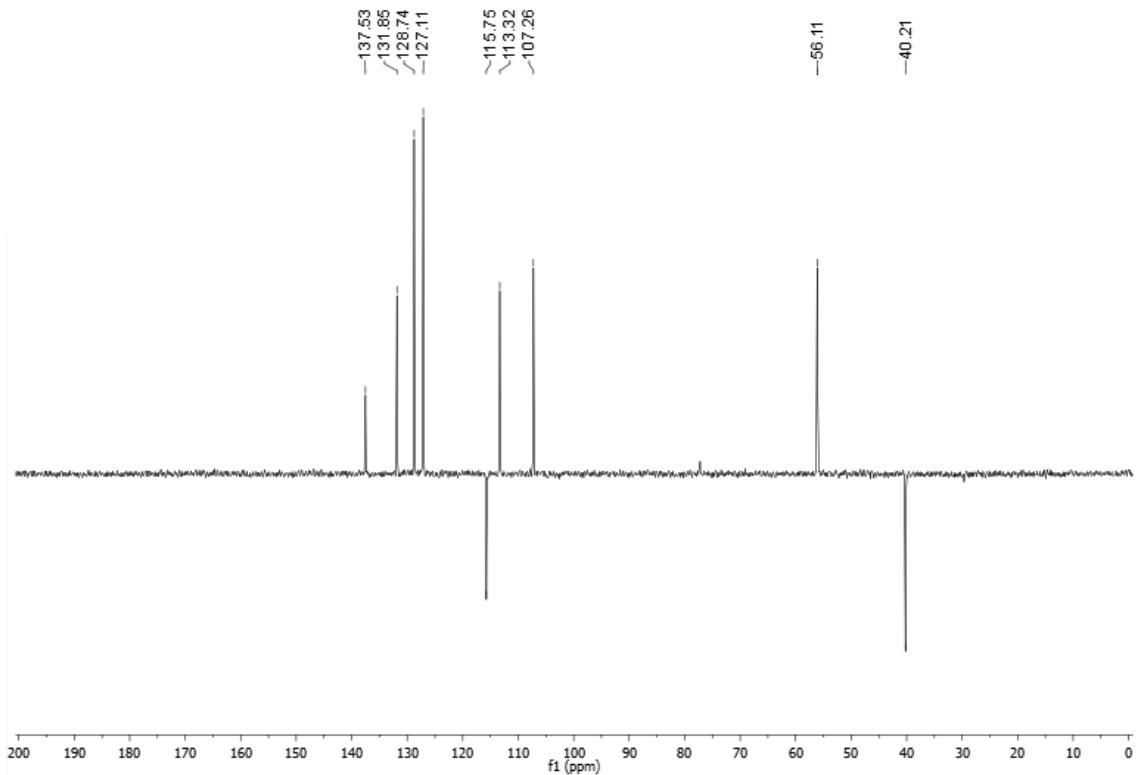
**2-amino-6-methoxy-4-propylphenol (3')**



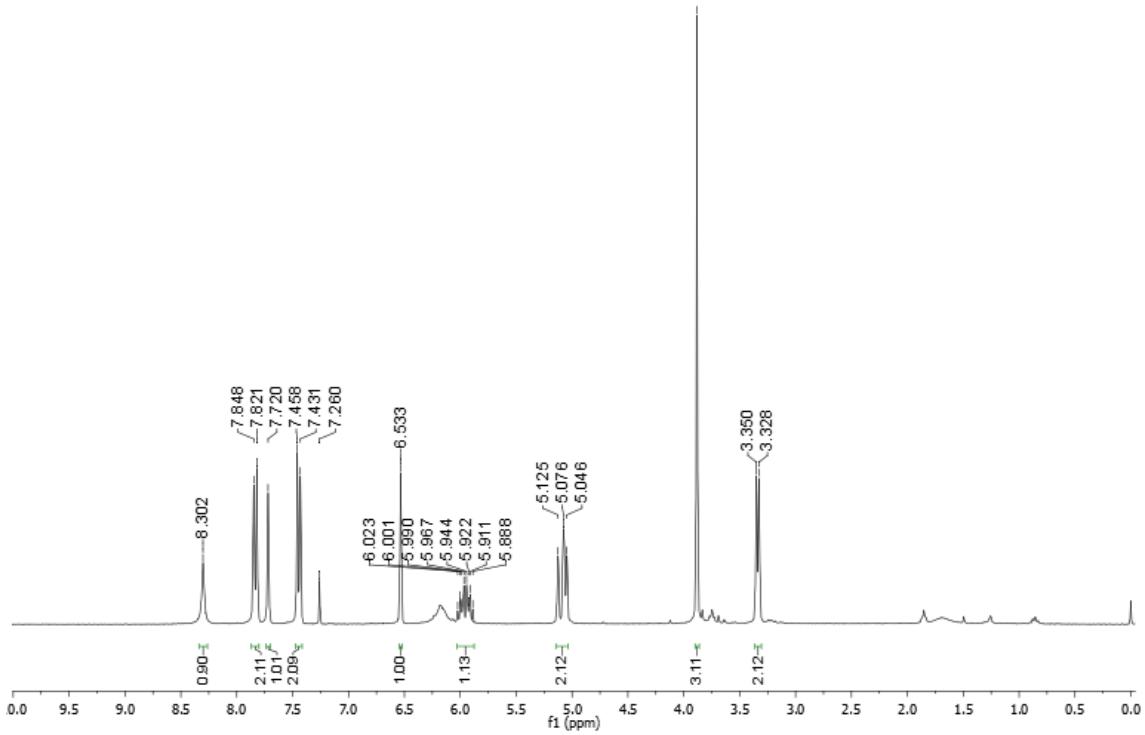


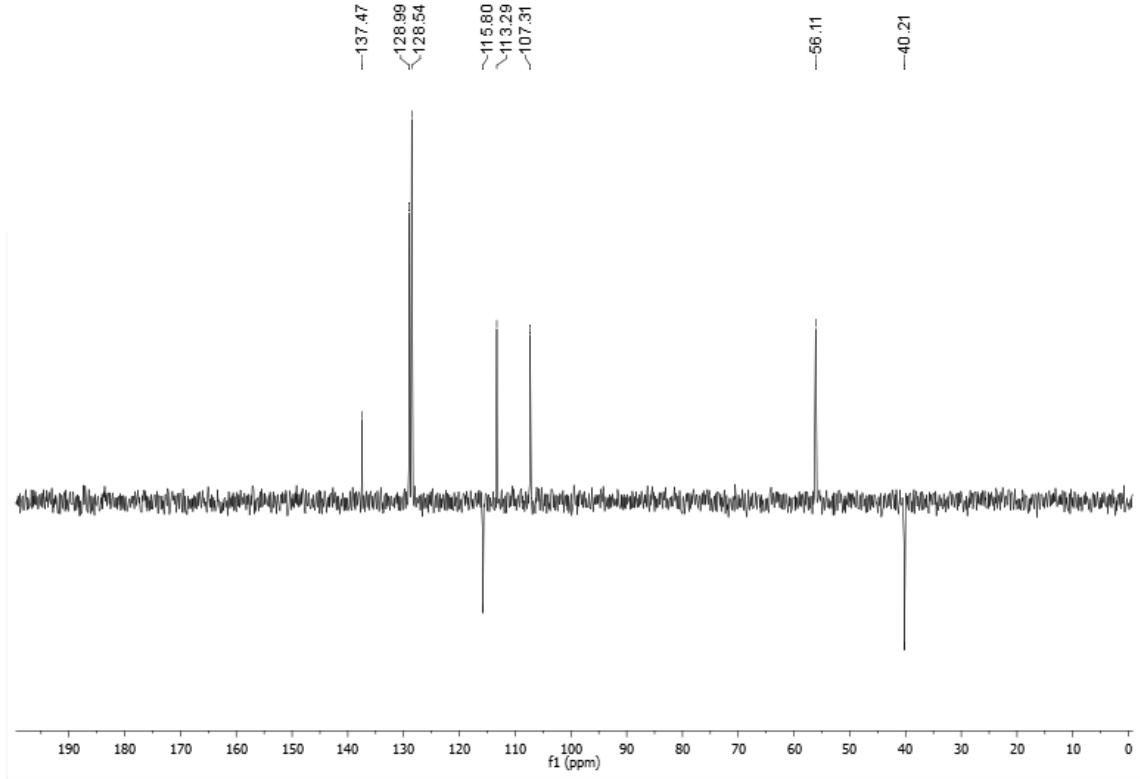
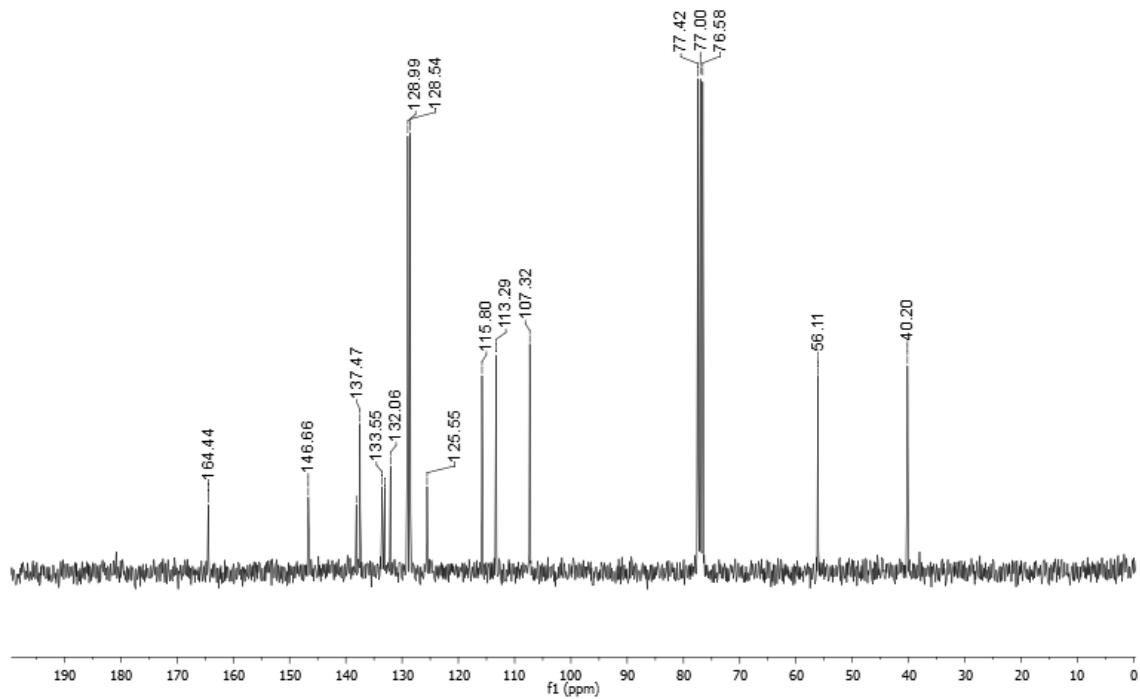
### ***N*-(5-allyl-2-hydroxy-3-methoxyphenyl)benzamide (4a)**



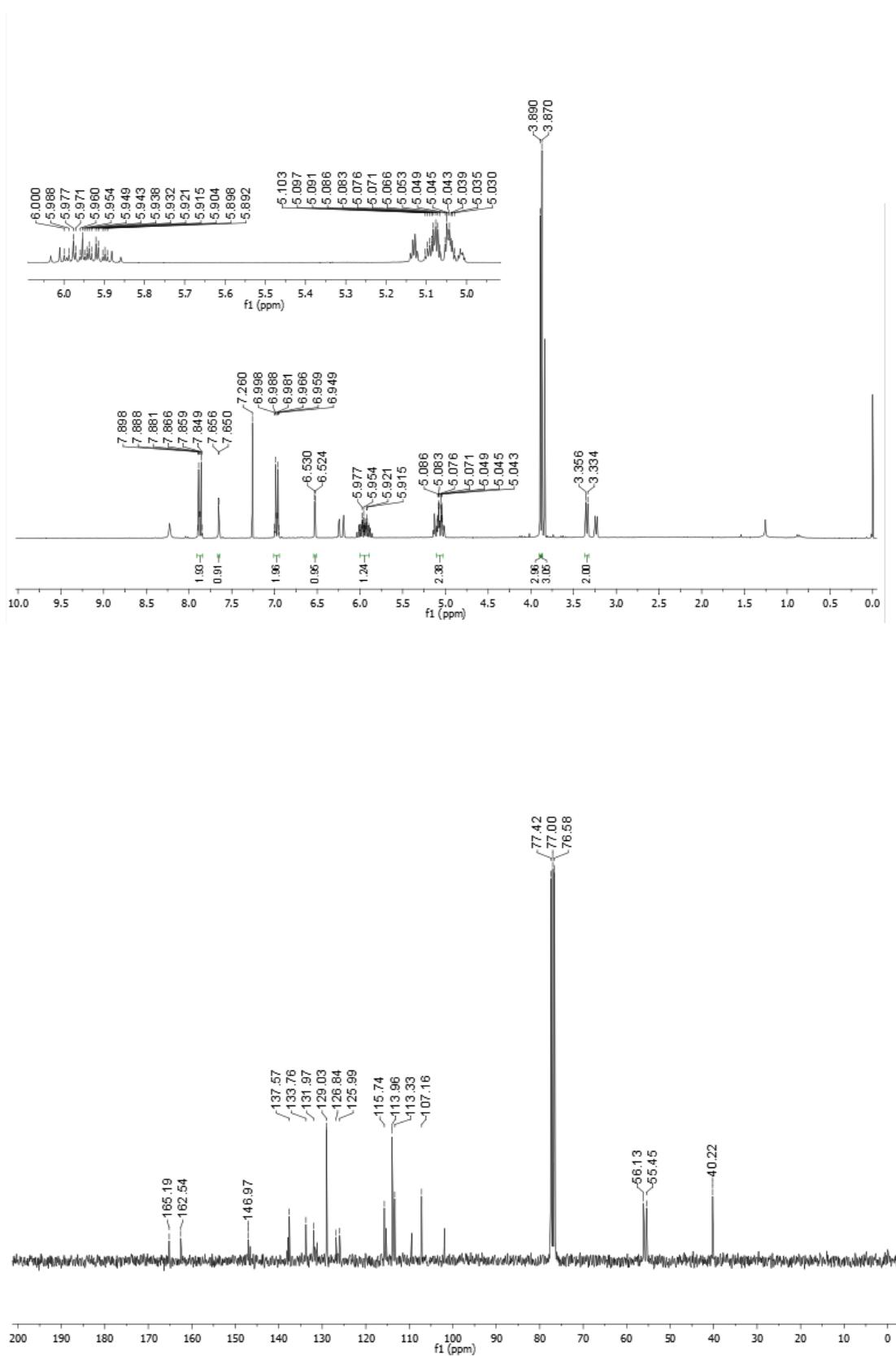


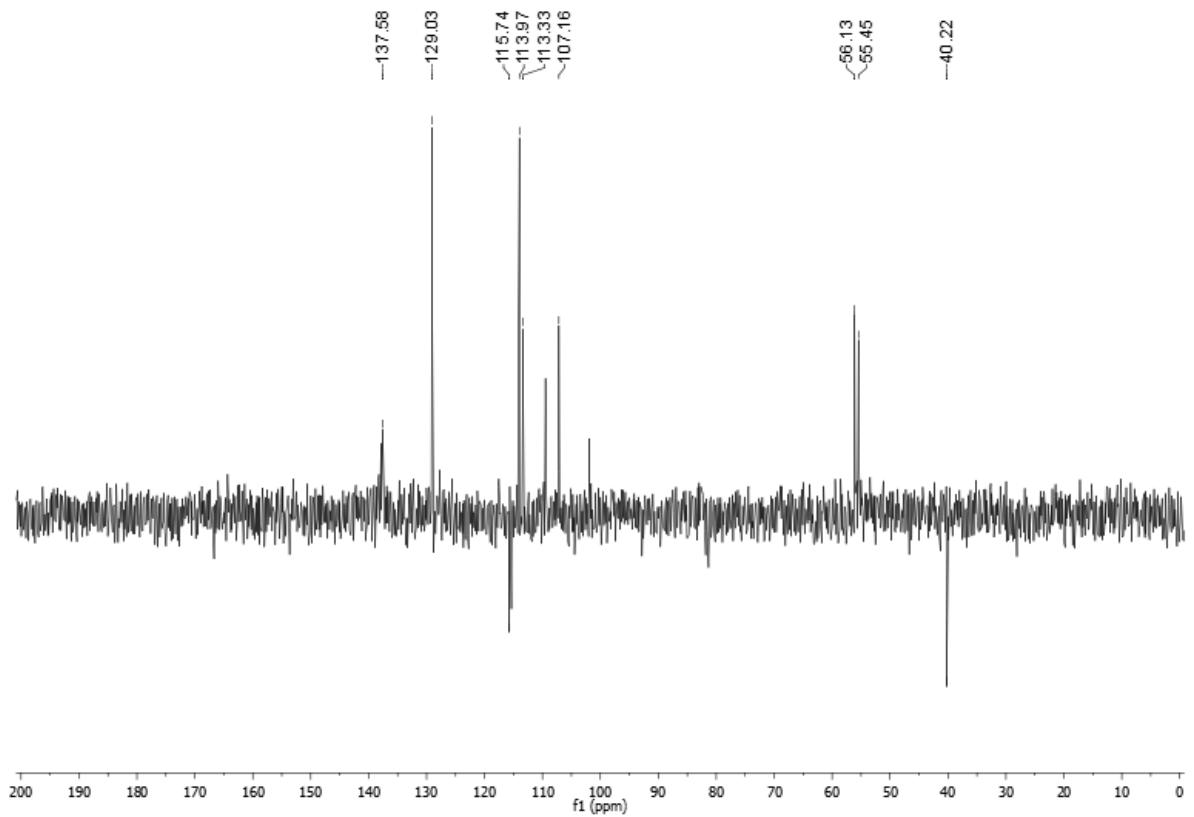
### N-(5-allyl-2-hydroxy-3-methoxyphenyl)-4-chlorobenzamide (4b)



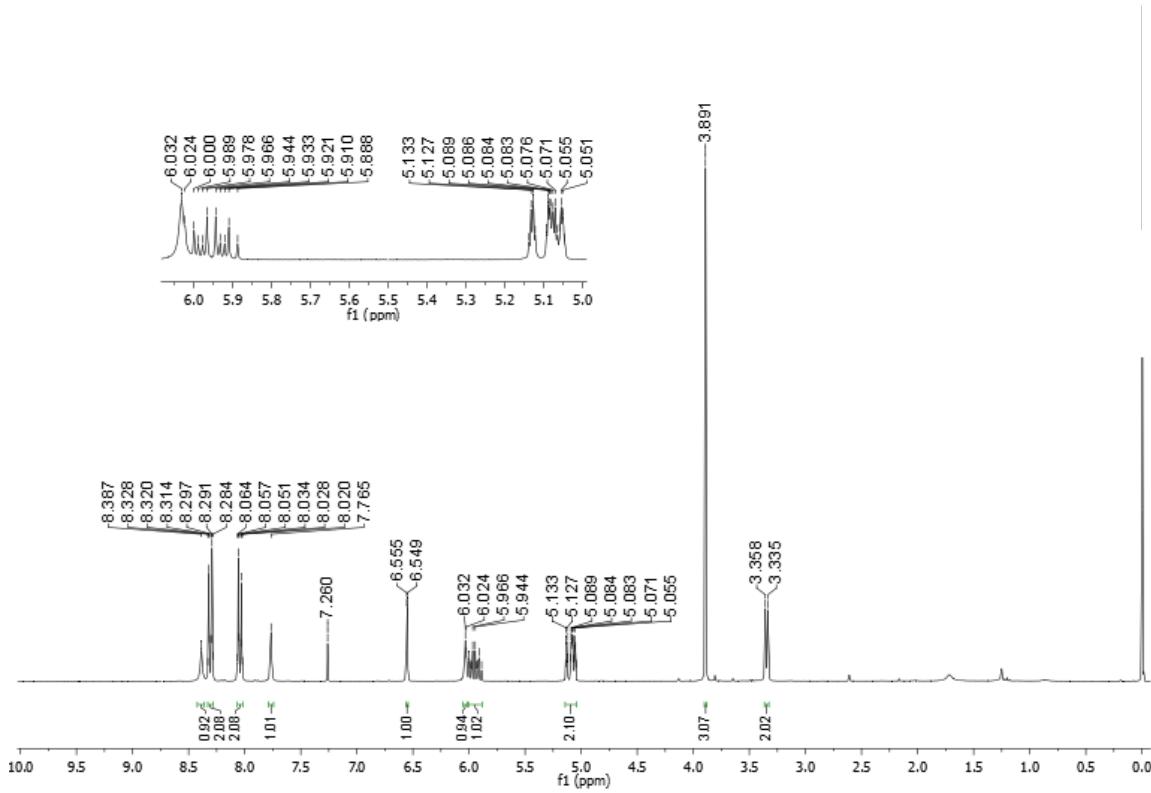


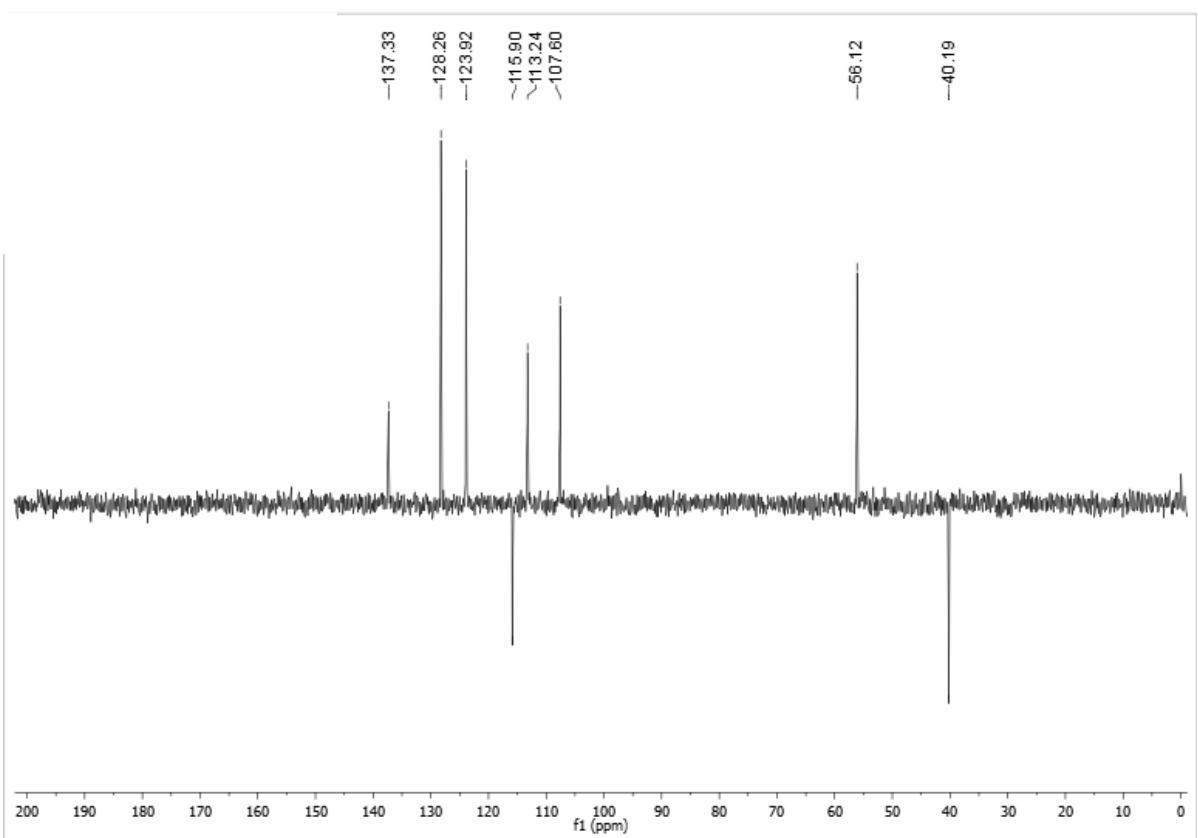
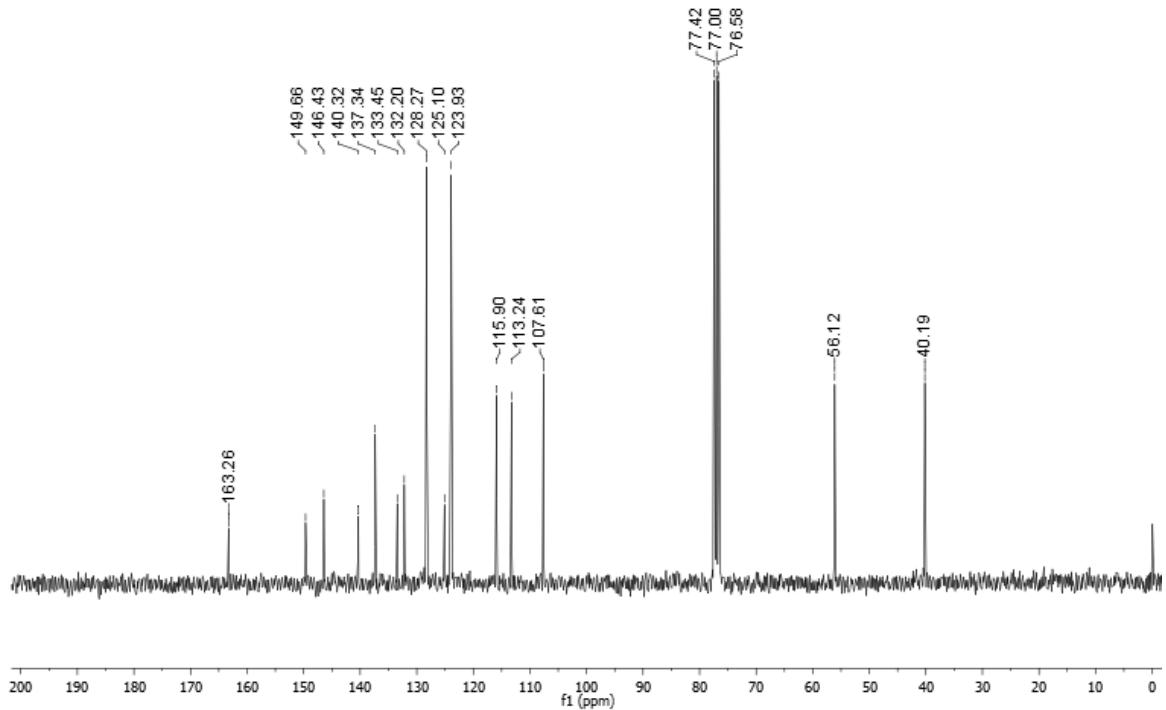
### **N-(5-allyl-2-hydroxy-3-methoxyphenyl)-4-methoxybenzamide (4c)**



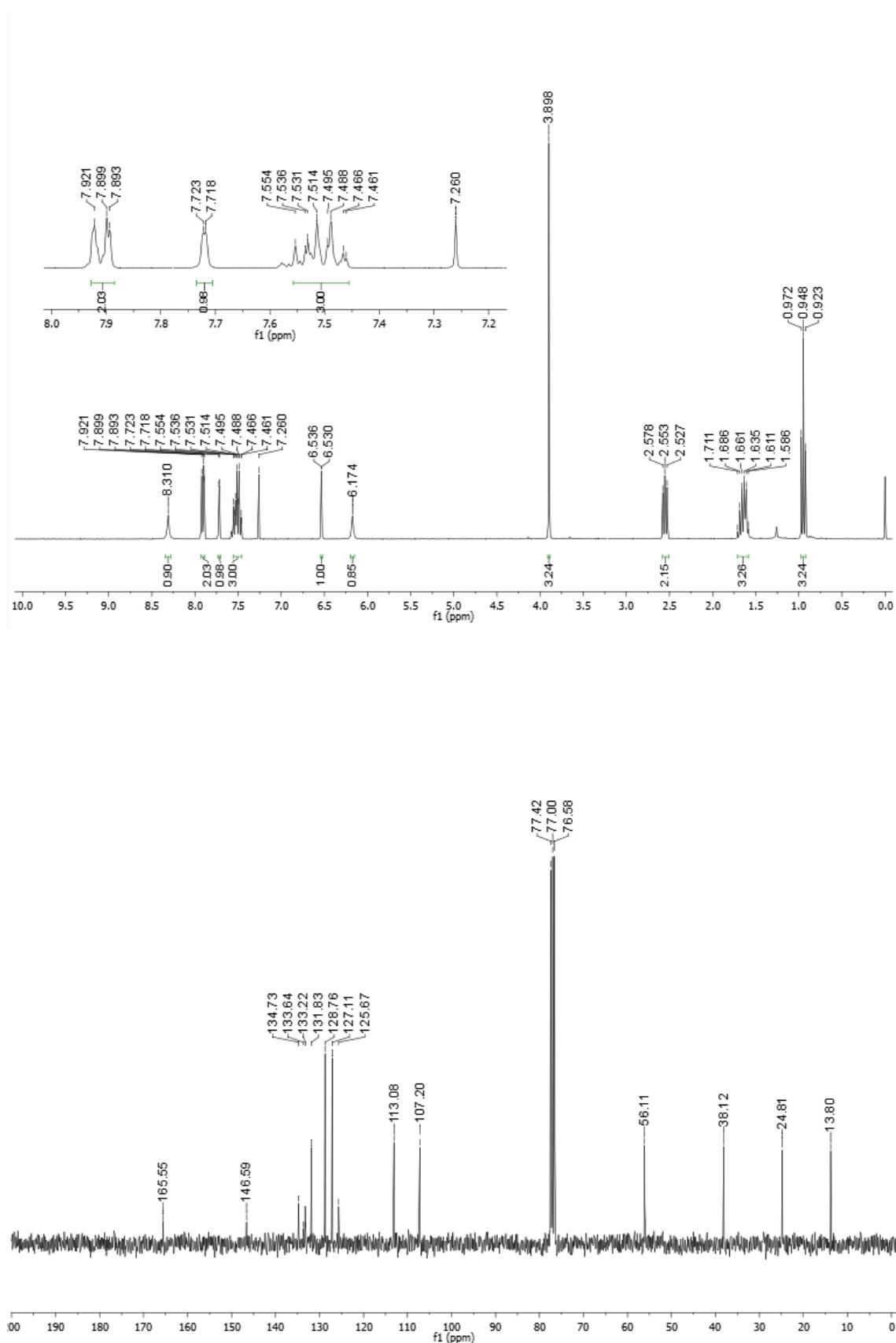


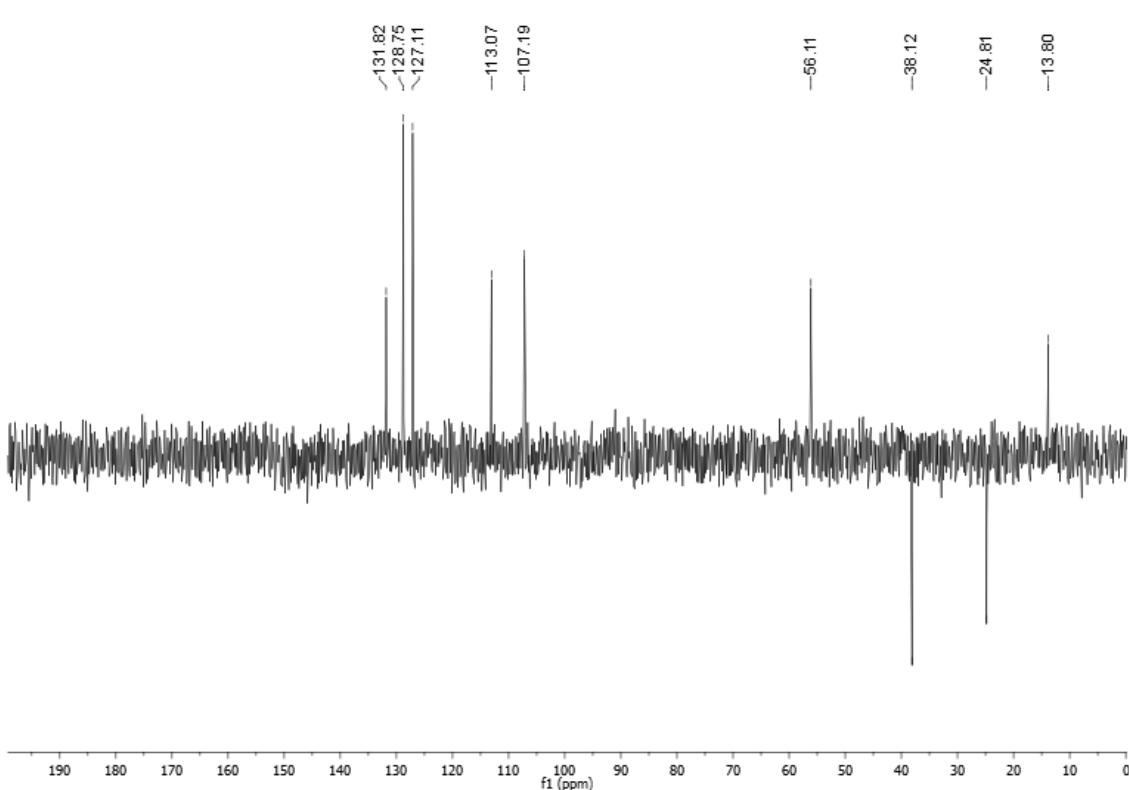
***N*-(5-allyl-2-hydroxy-3-methoxyphenyl)-4-nitrobenzamide (4d)**



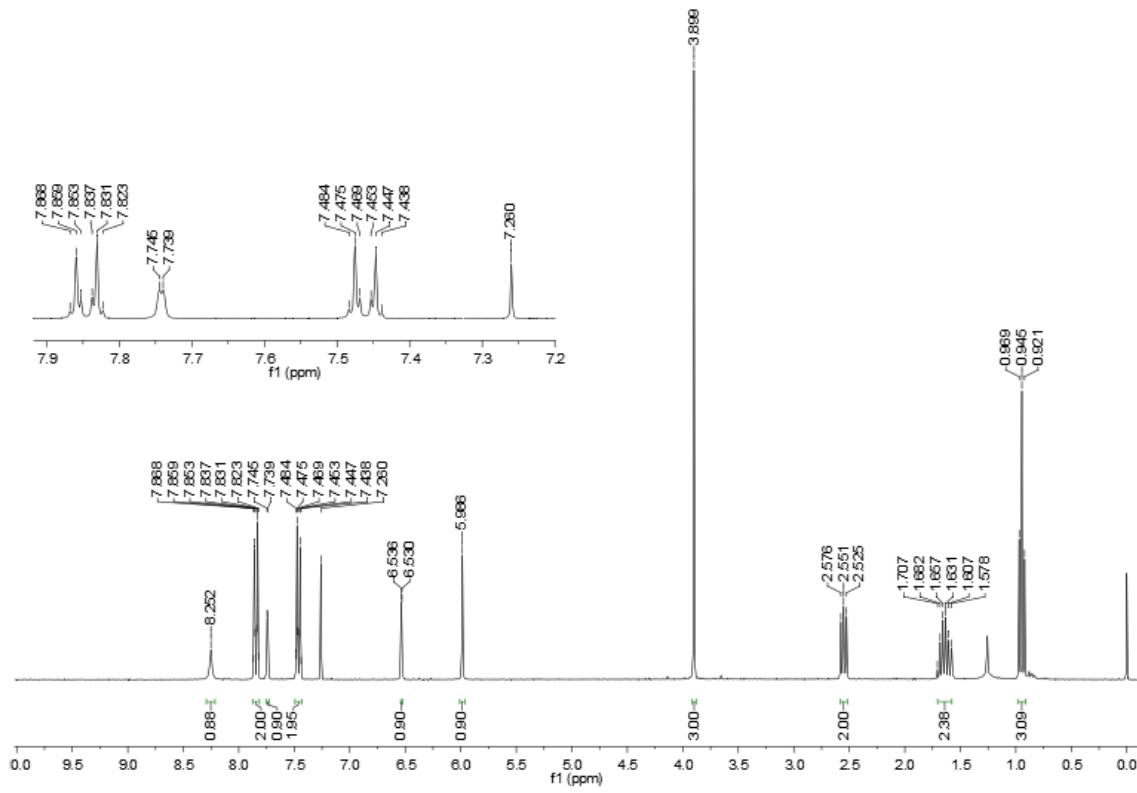


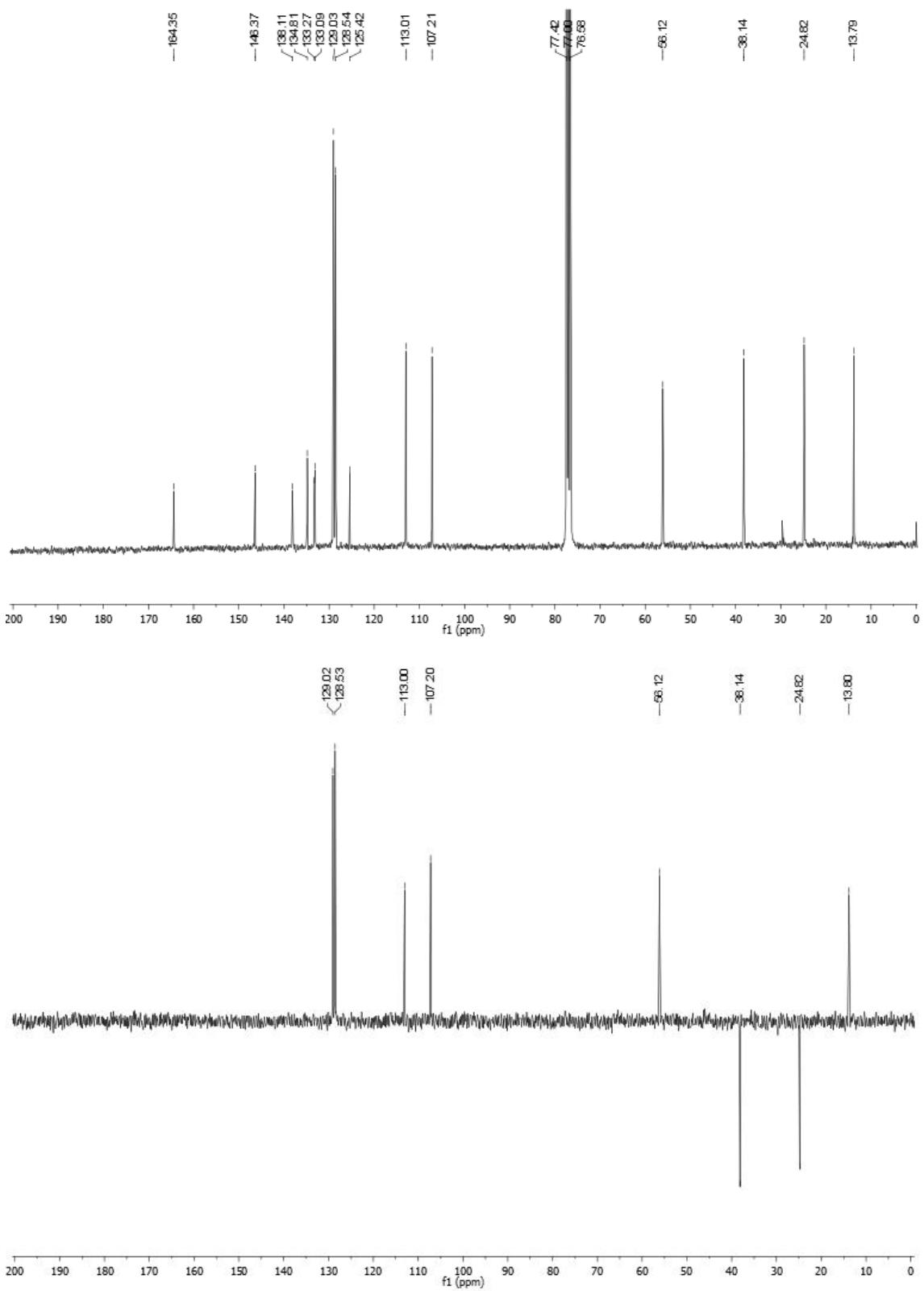
**N-(2-hydroxy-3-methoxy-5-propylphenyl)benzamide (4a')**



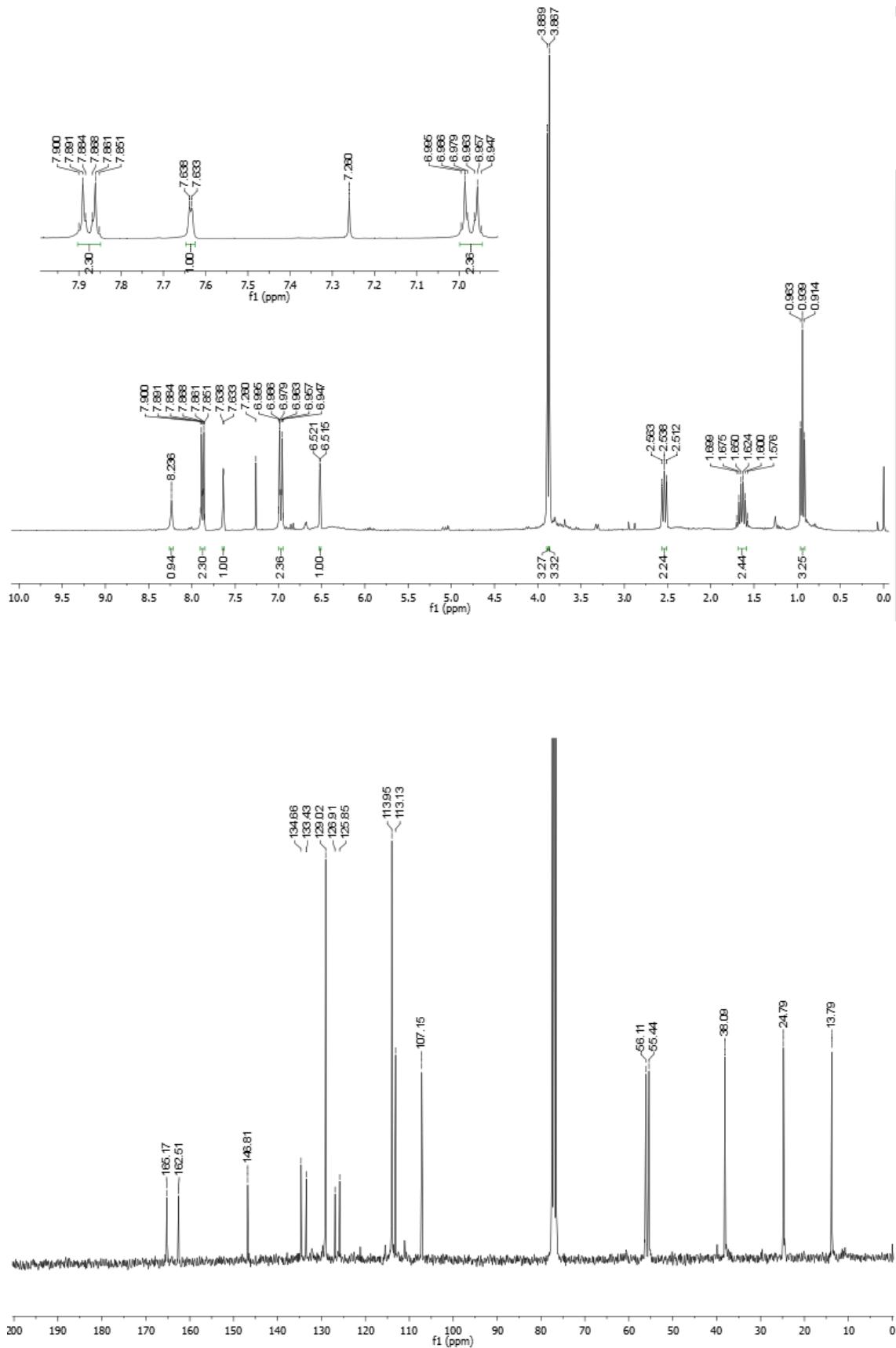


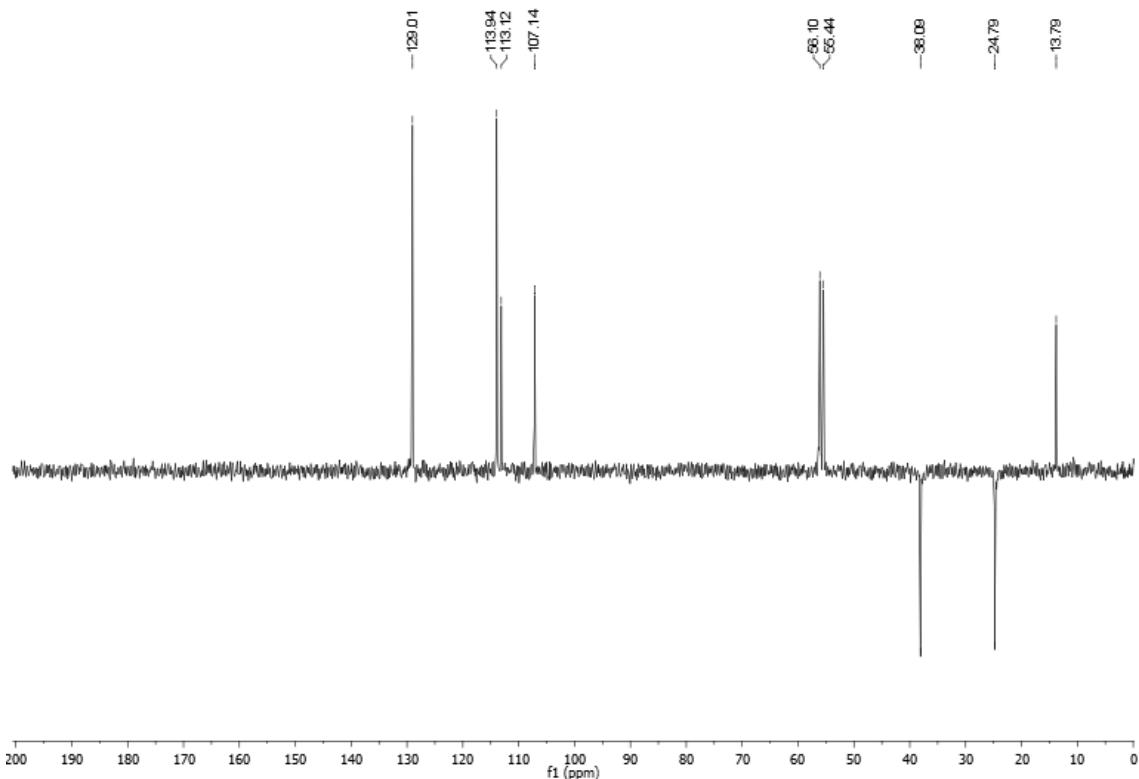
#### **N-(2-hydroxy-3-methoxy-5-propylphenyl)-4-chlorobenzamide (4b')**



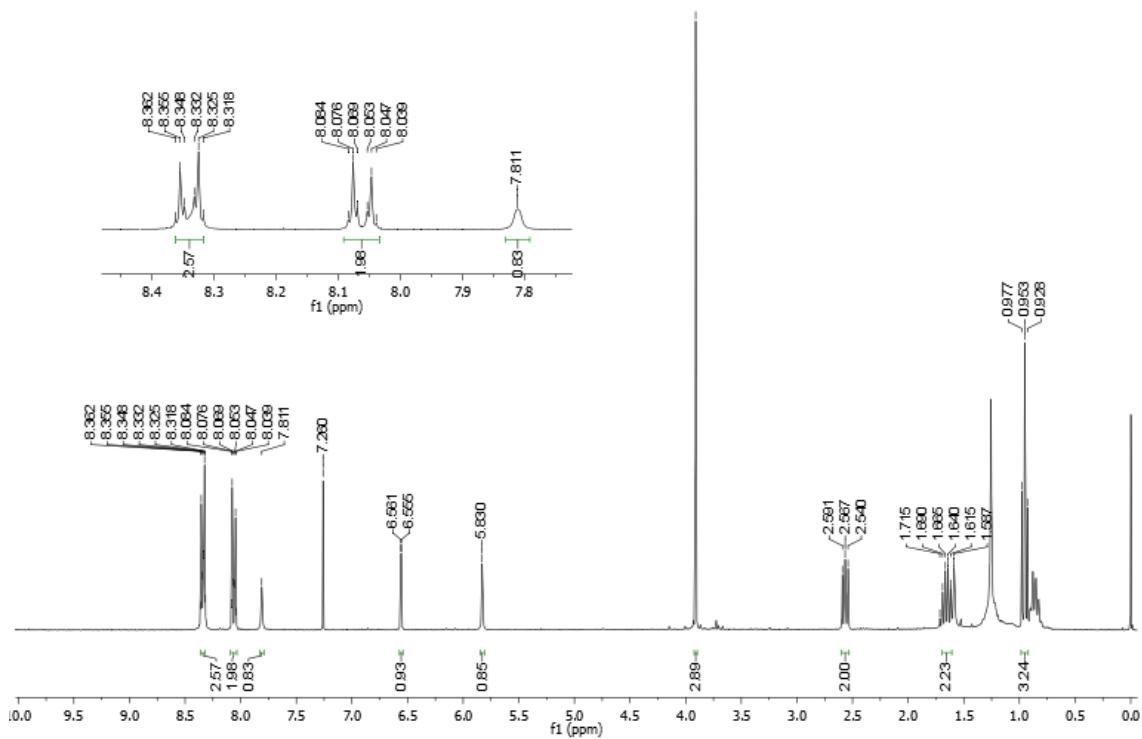


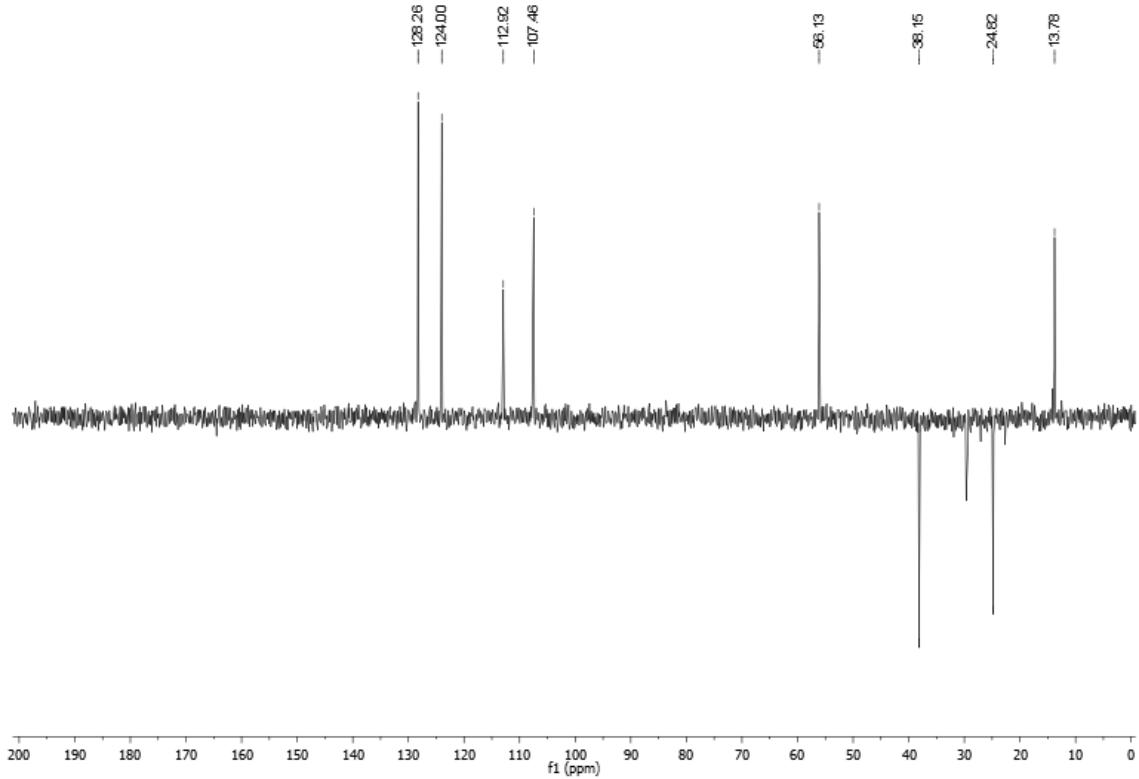
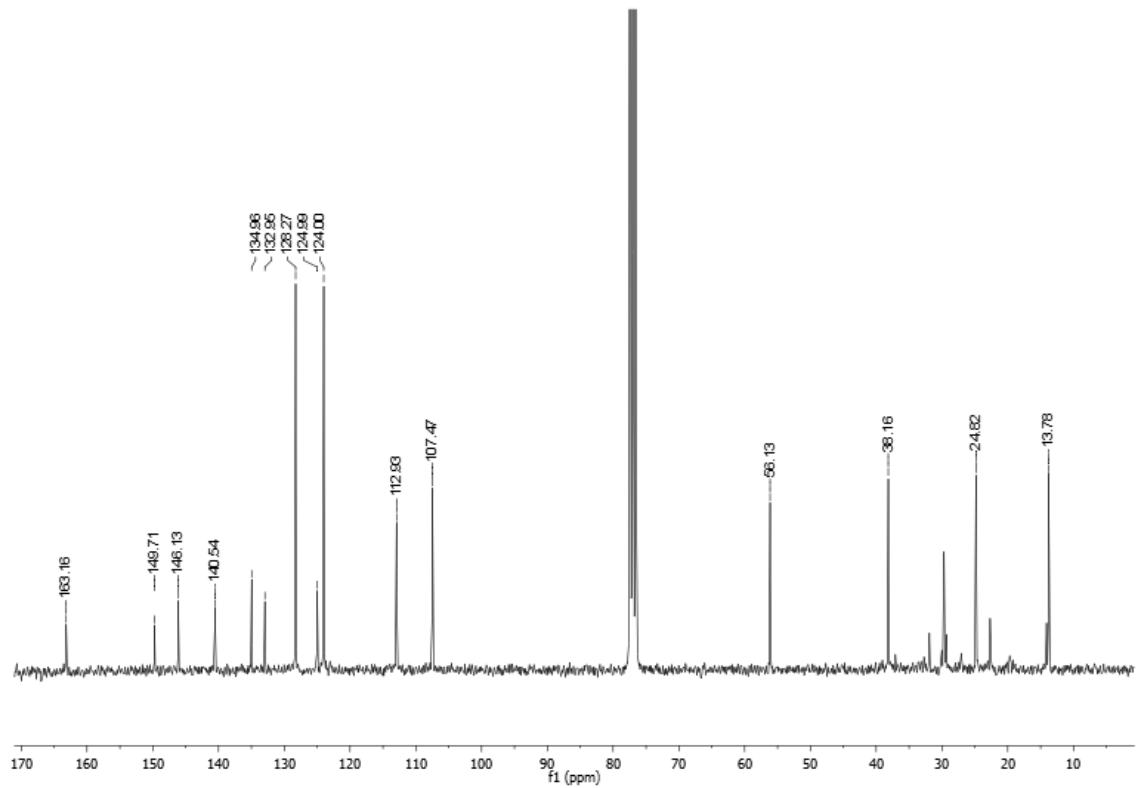
#### **N-(2-hydroxy-3-methoxy-5-propylphenyl)-4-methoxybenzamide (4c')**



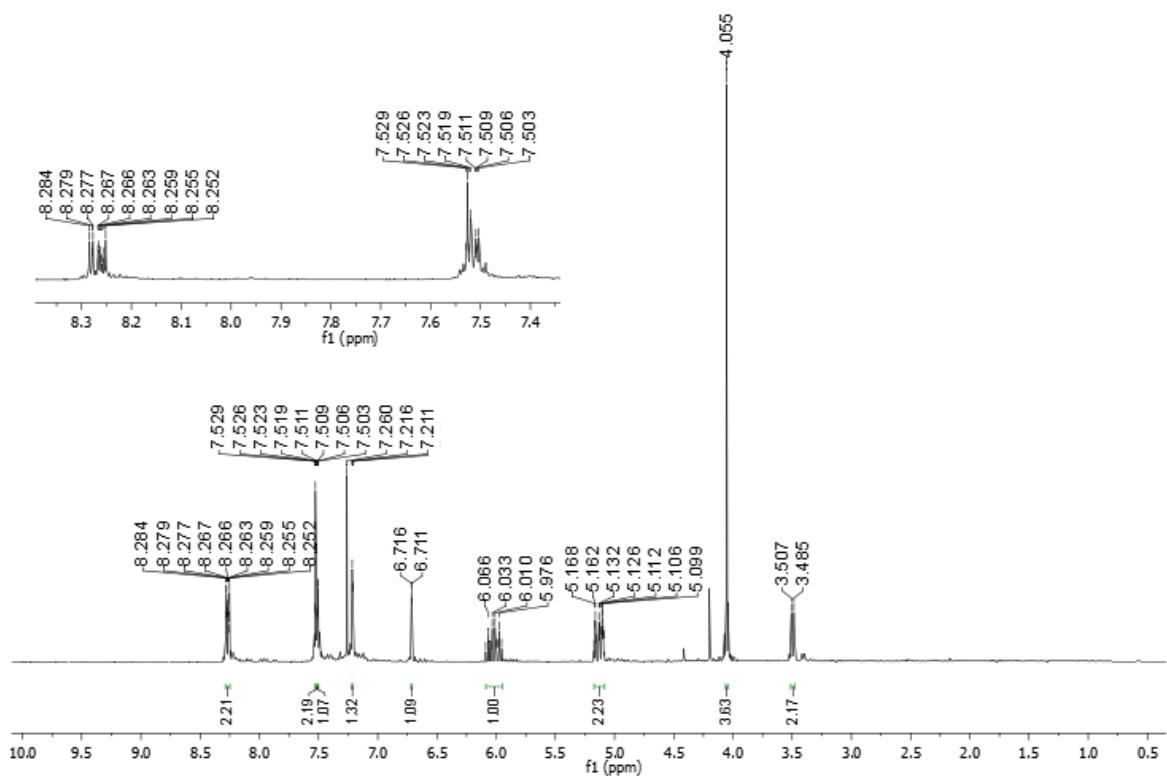
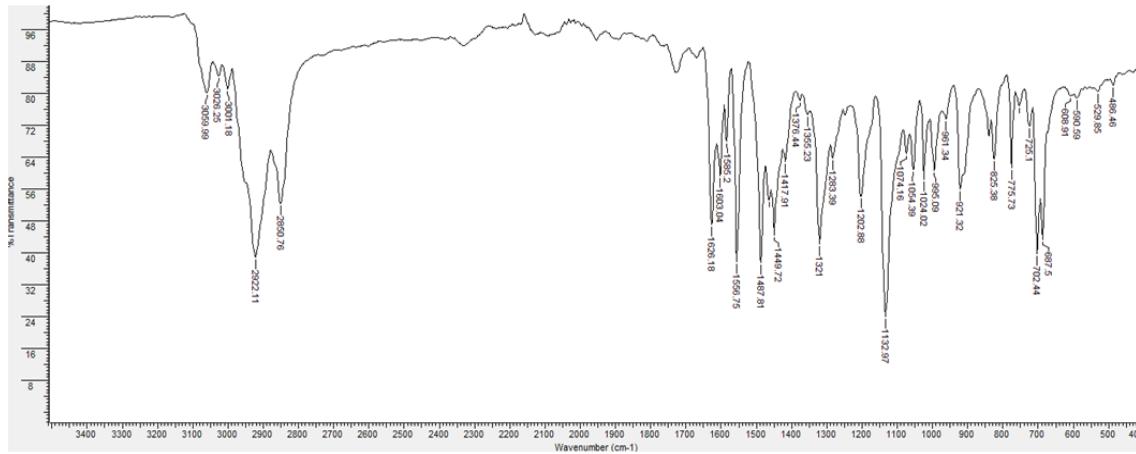


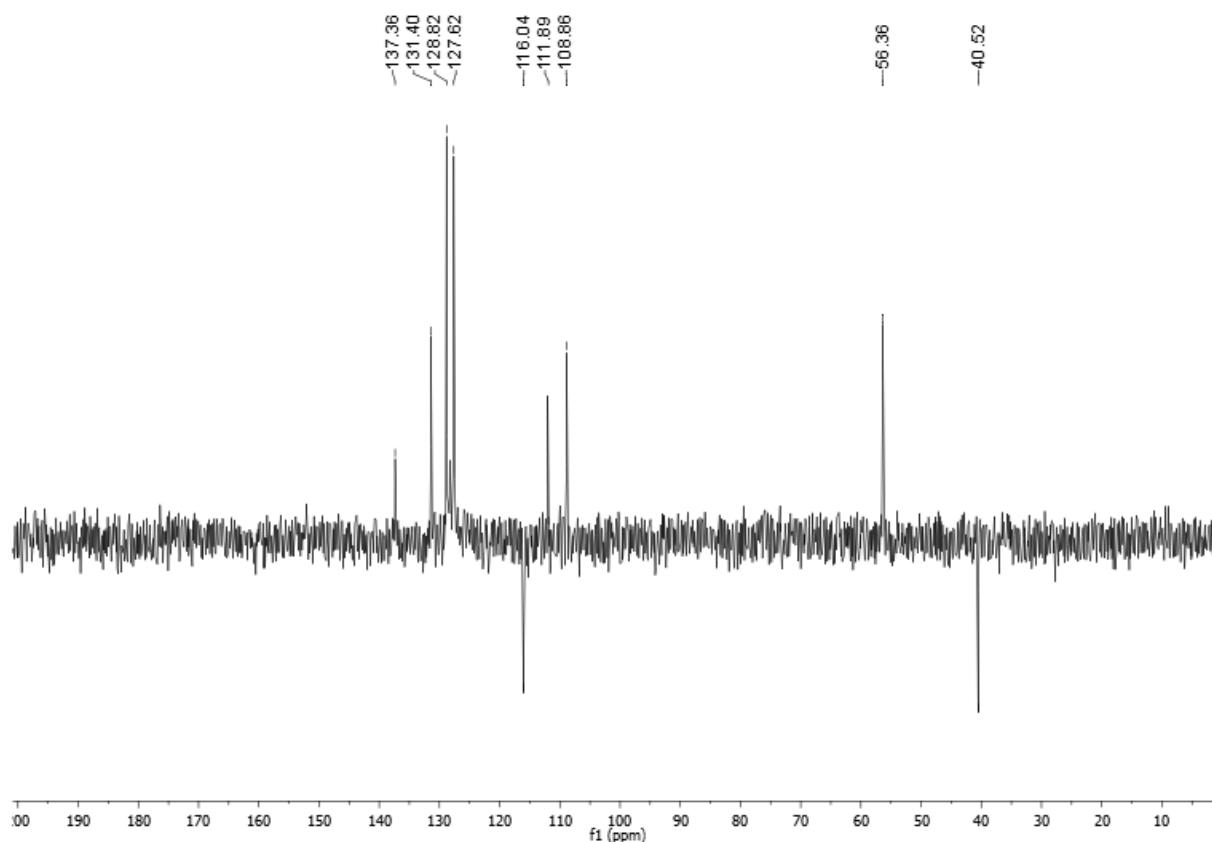
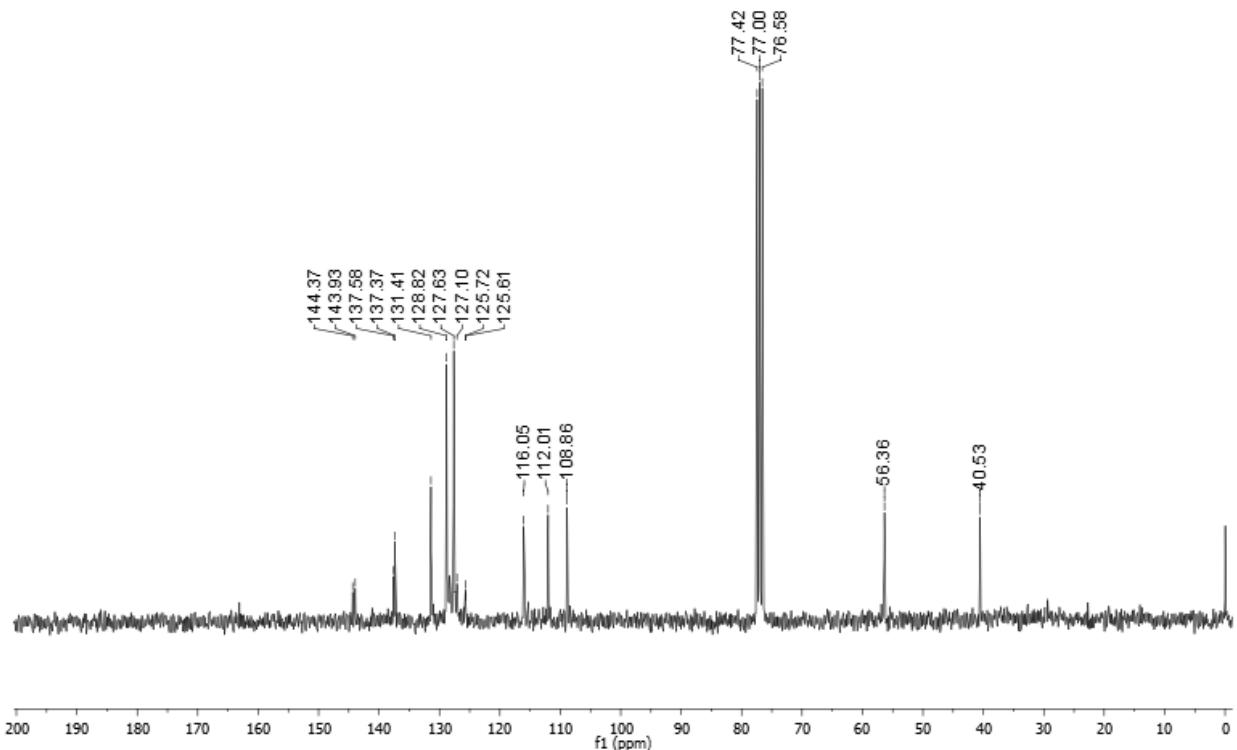
### N-(2-hydroxy-3-methoxy-5-propylphenyl)-4-nitrobenzamide (4d')



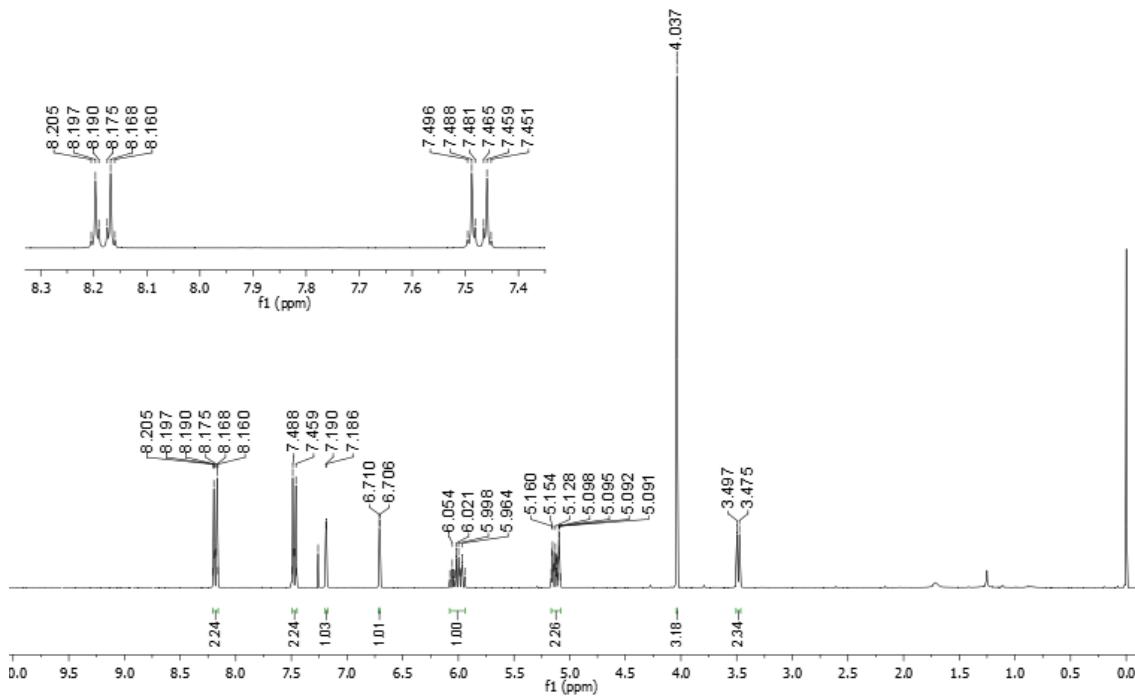
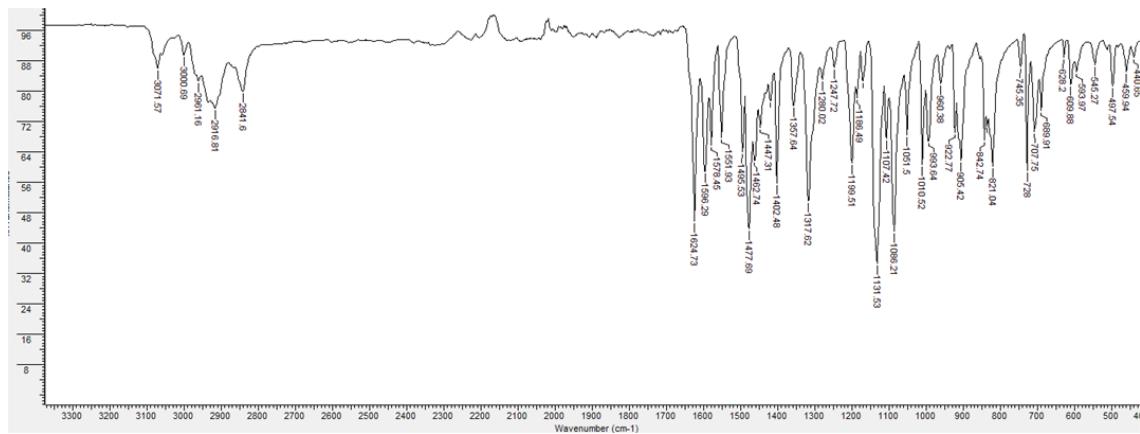


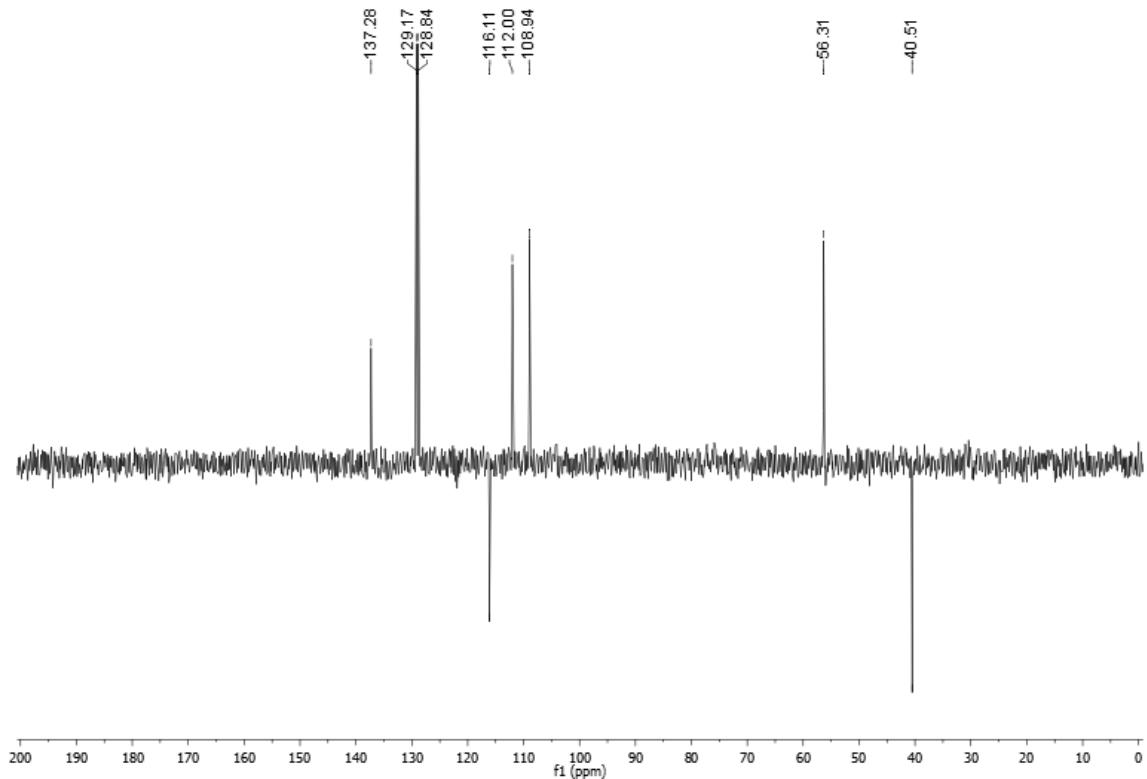
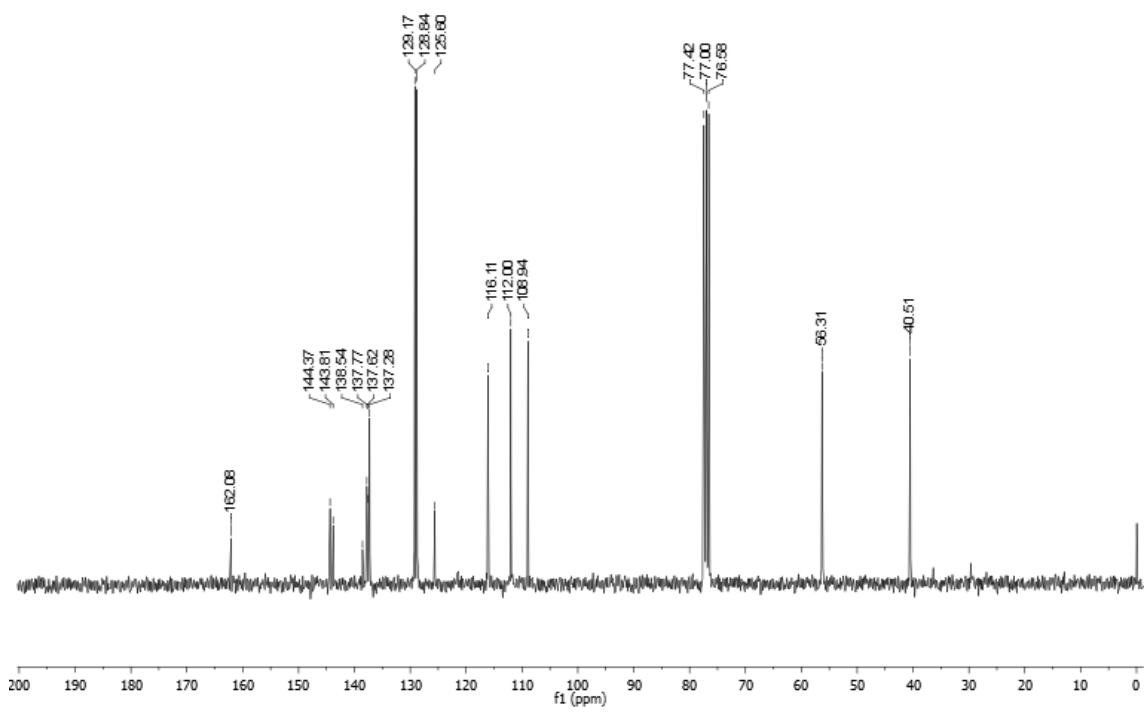
### **5-allyl-7-methoxy-2-phenylbenzo[d]oxazol (5a)**



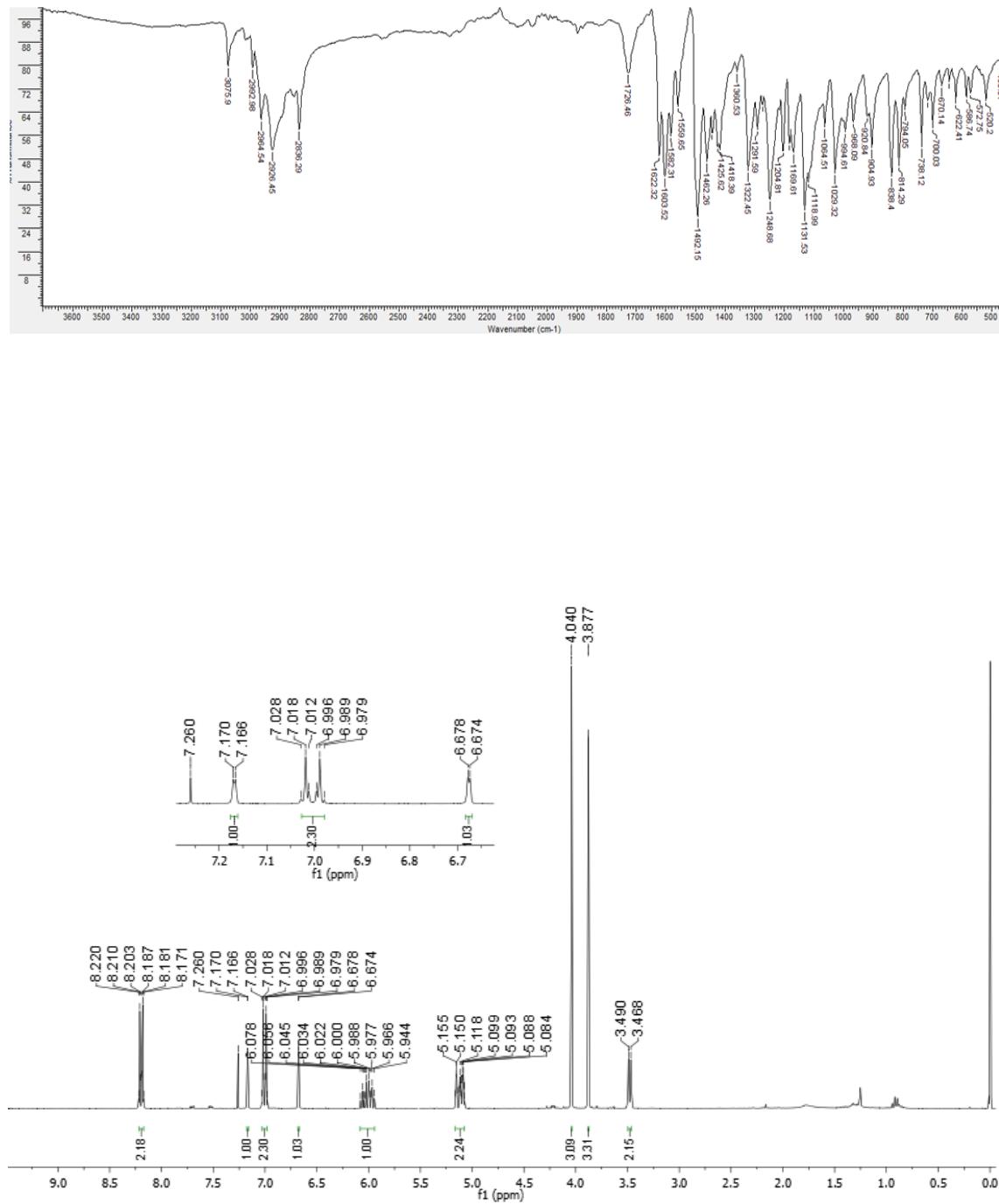


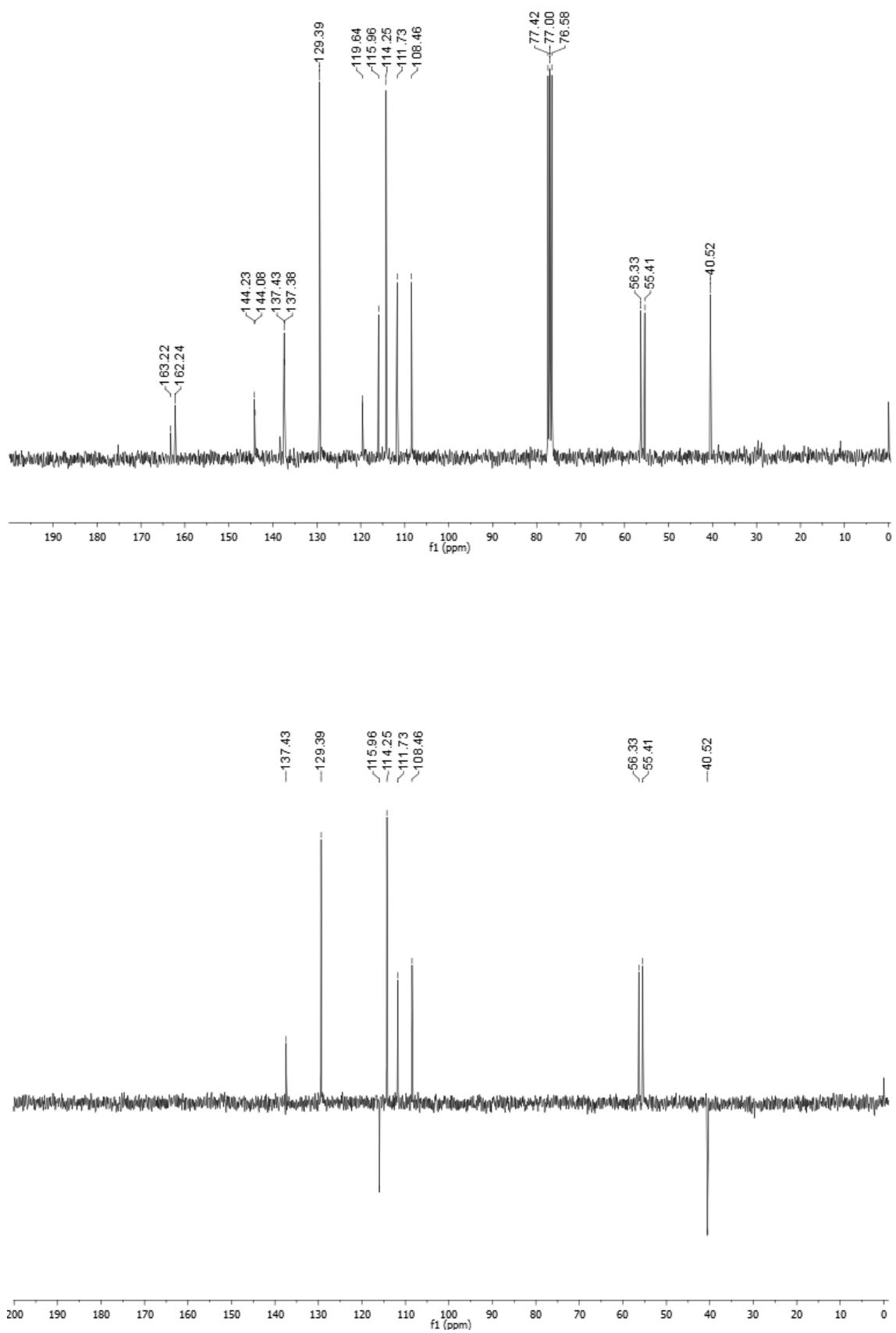
### **5-allyl-2-(4-chlorophenyl)-7-methoxy-benzo[d]oxazol (5b)**



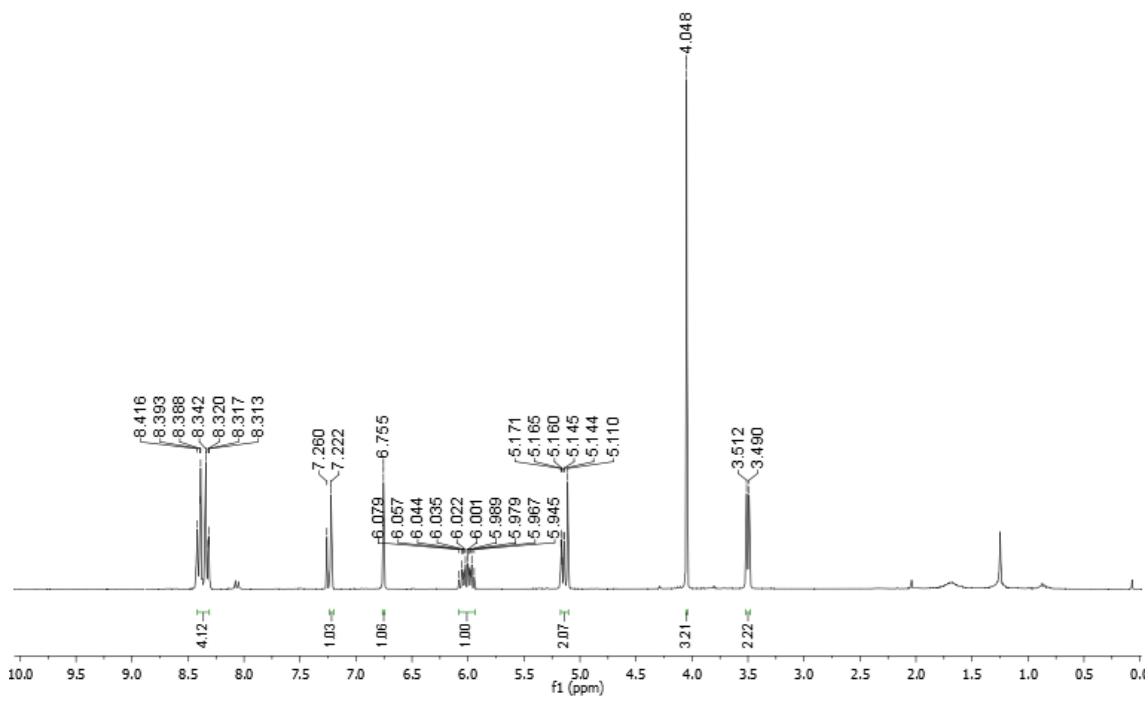
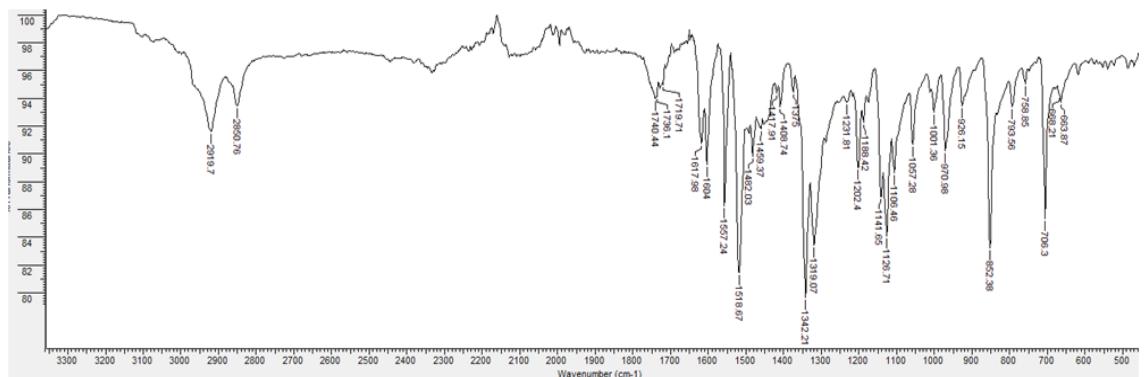


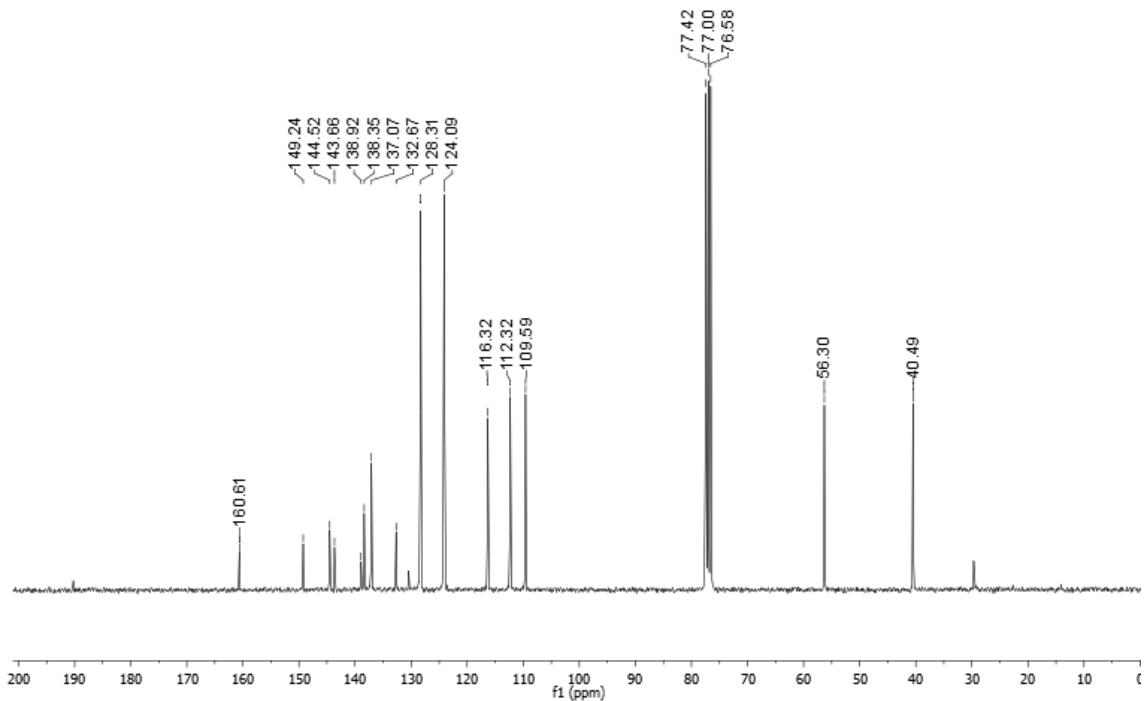
### **5-allyl-7-methoxy-2-(4-methoxyphenyl)benzo[d]oxazol (5c)**



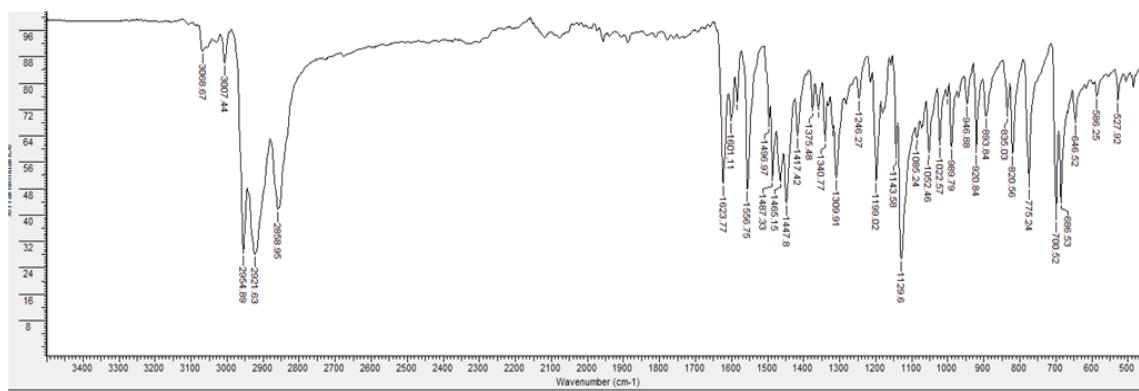


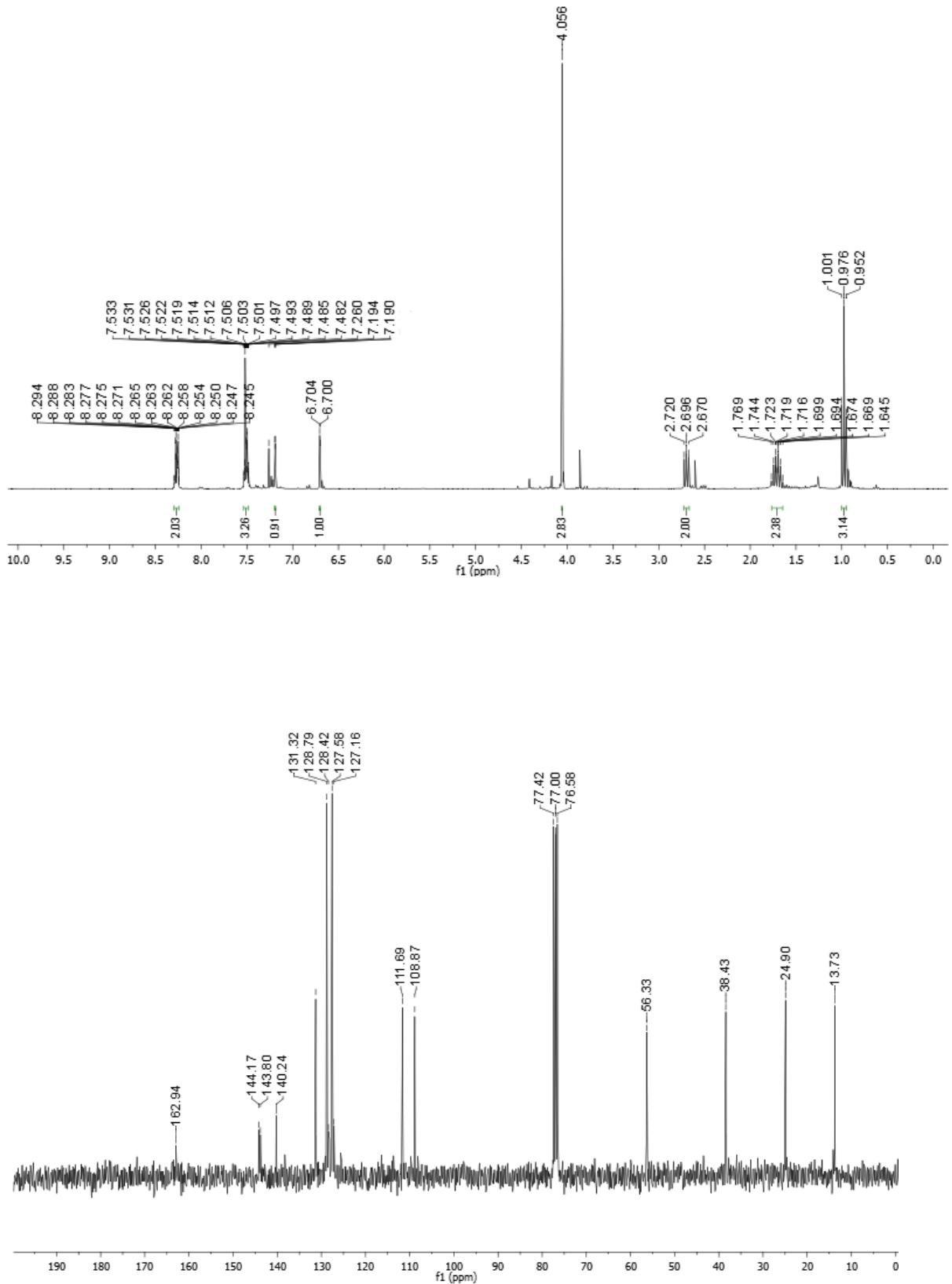
### **5-allyl-7-methoxy-2-(4-nitrophenyl)benzo[d]oxazol (5d)**

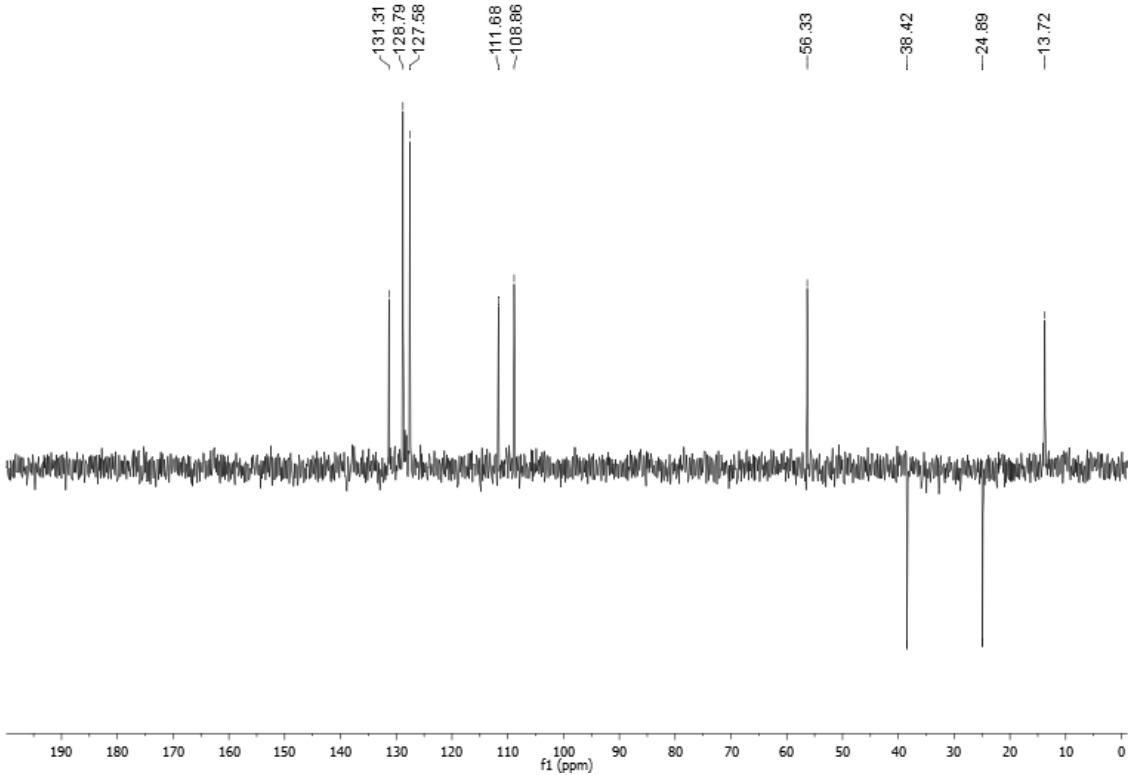




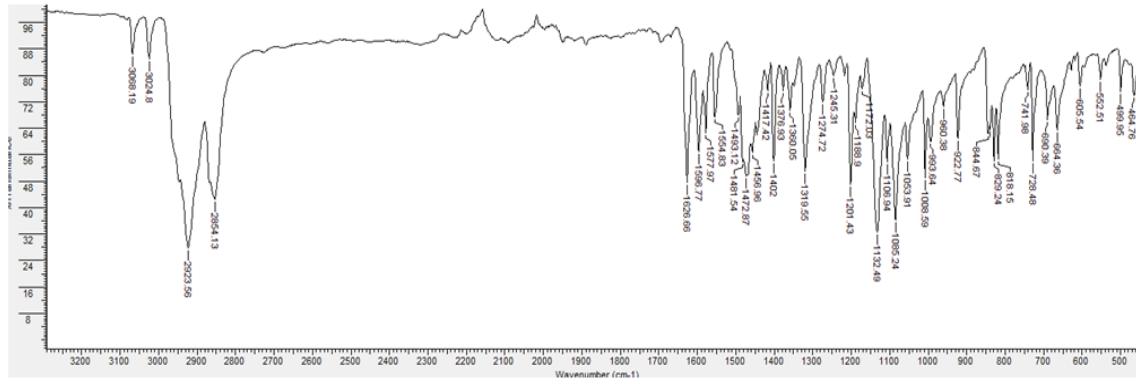
### 7-methoxy-2-phenyl-5-propylbenzo[d]oxazol (5a')

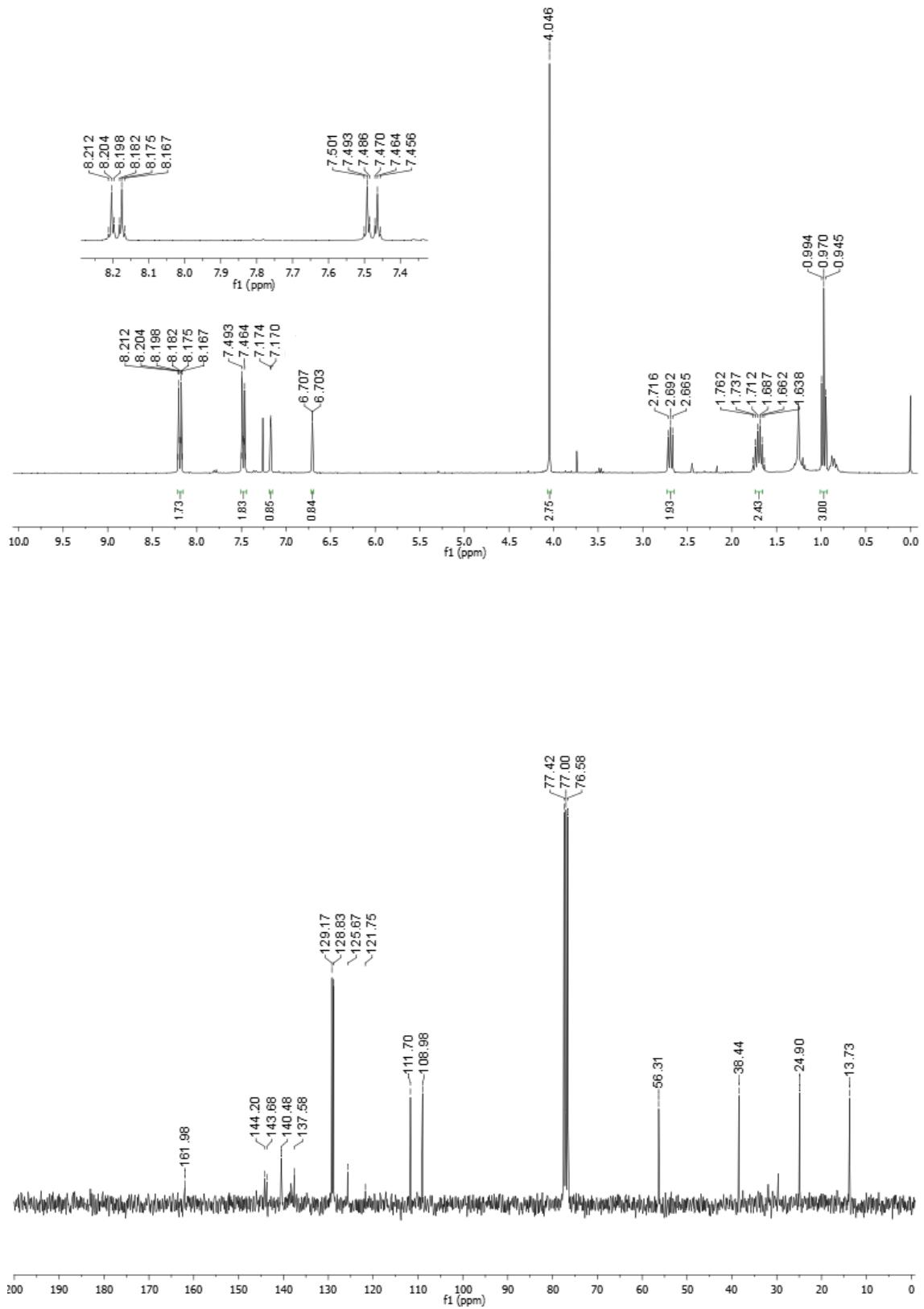


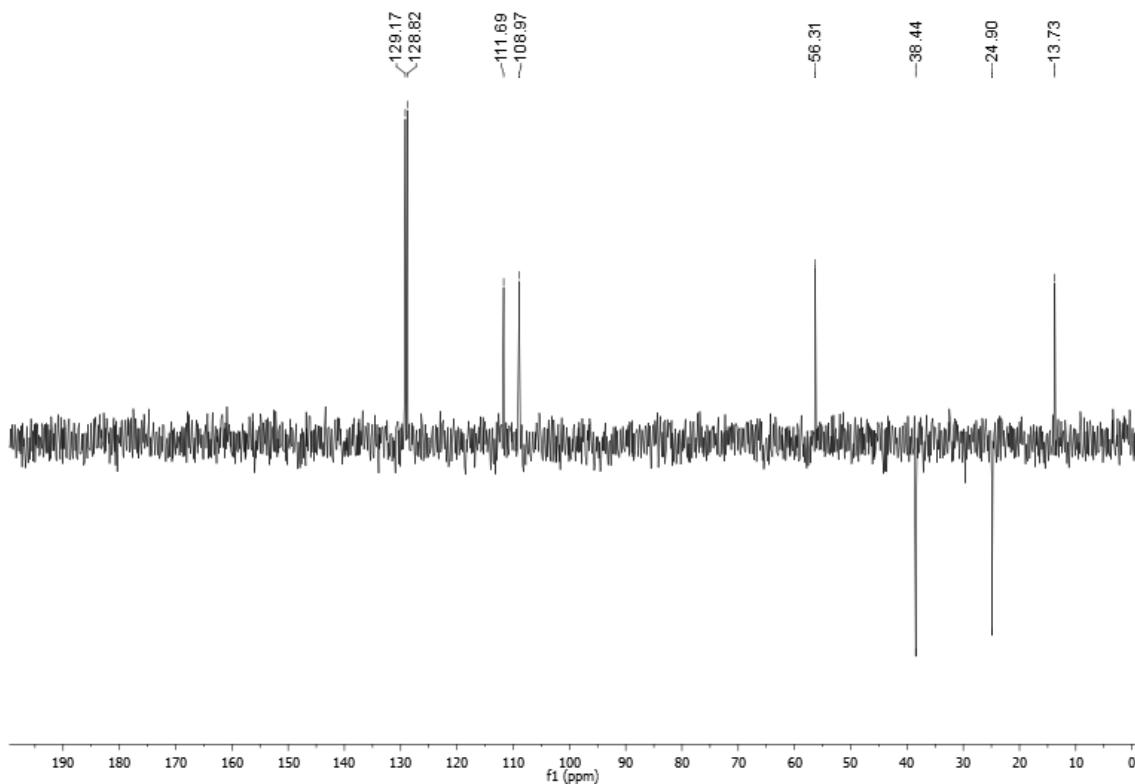




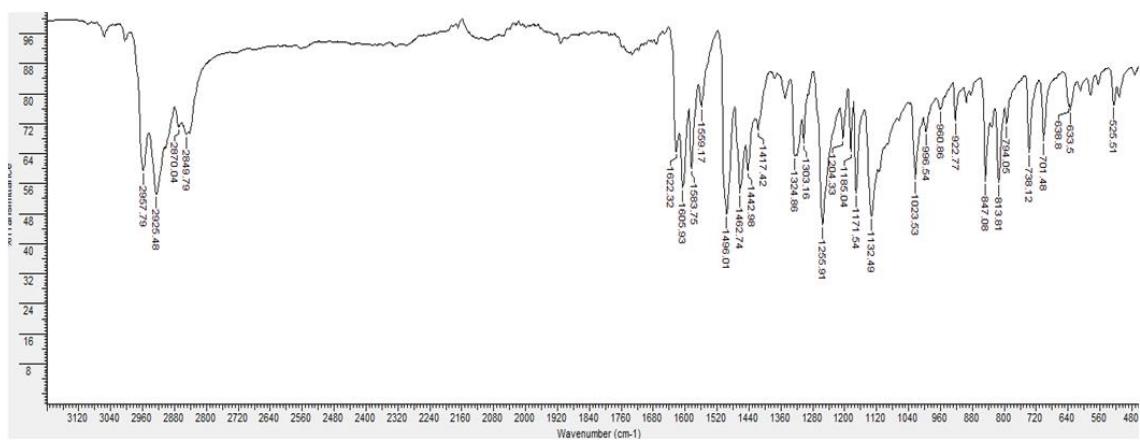
### 2-(4-chlorophenyl)-7-methoxy-5-propylbenzo[d]oxazol (5b')

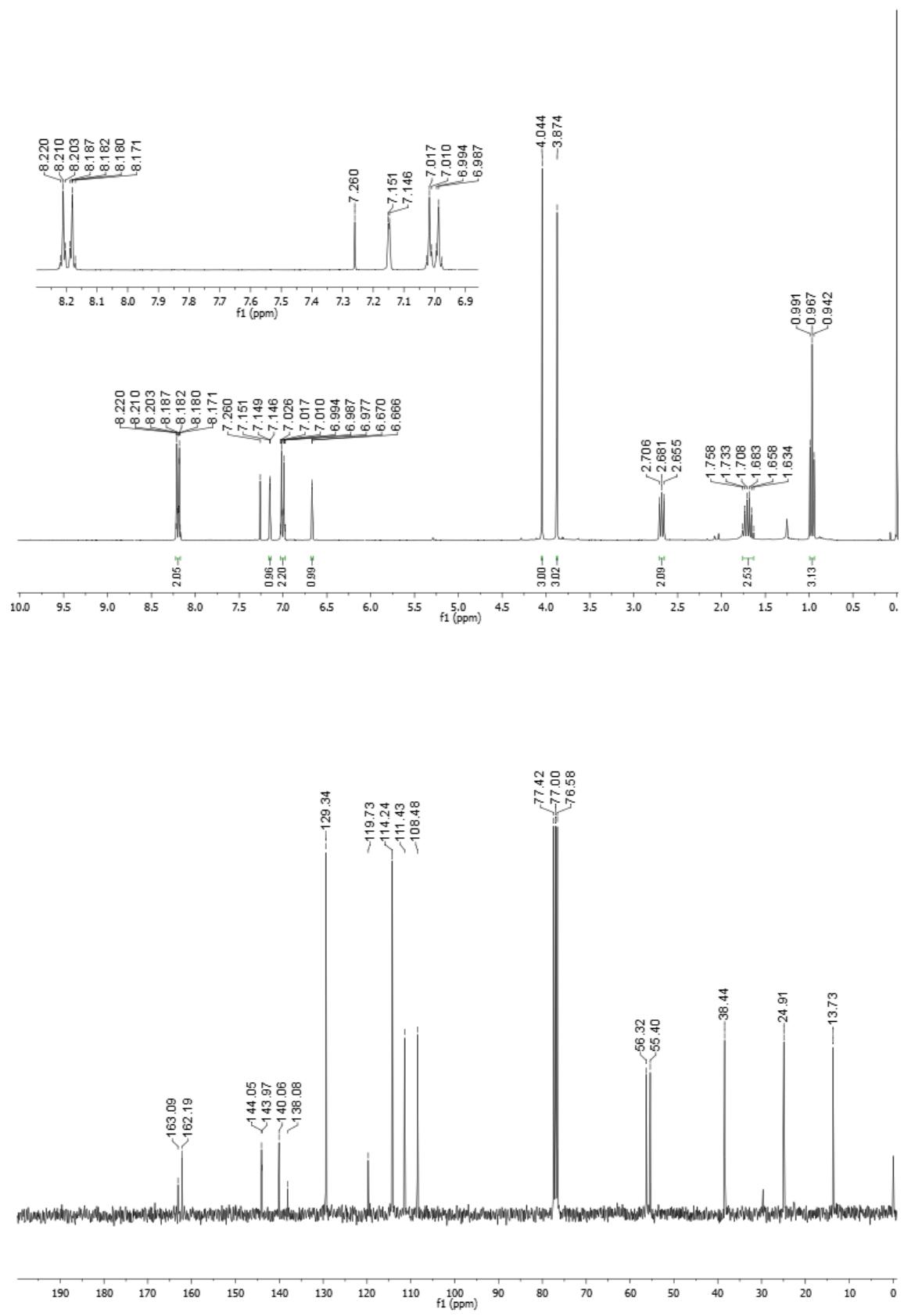


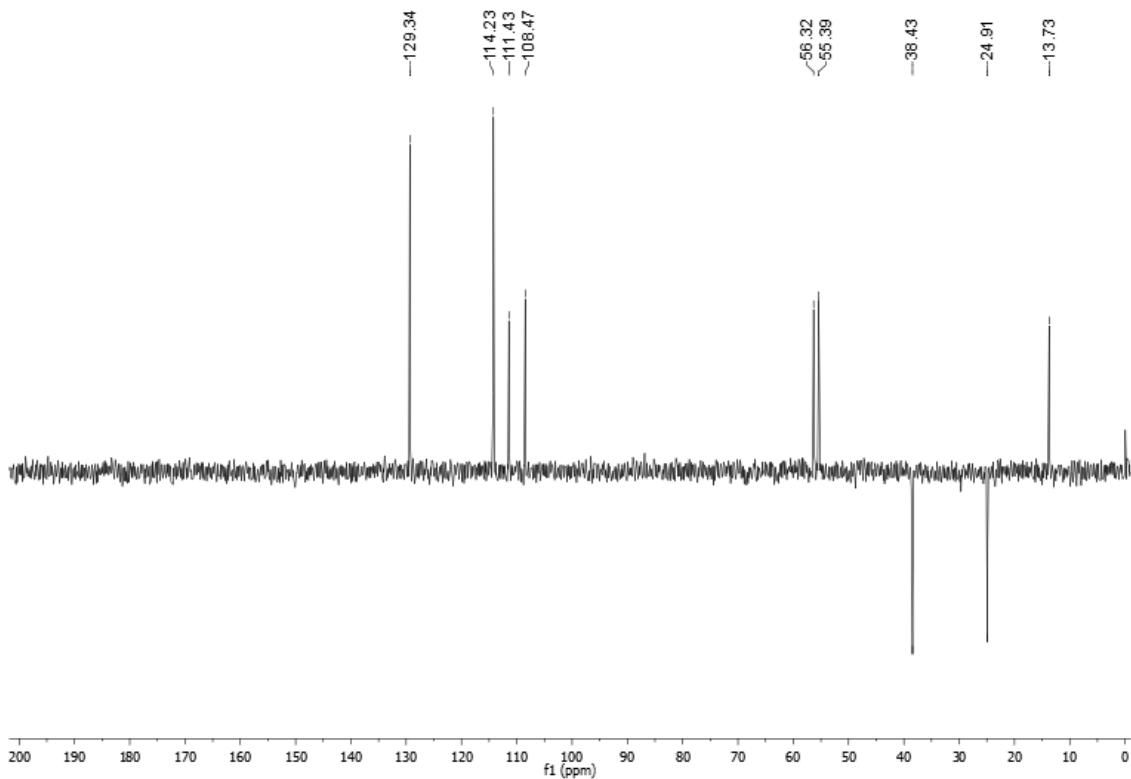




**7-methoxy-2-(4-methoxyphenyl)-5-propylbenzo[d]oxazol (5c')**







**7-methoxy-2-(4-nitrophenyl)-5-propylbenzo[d]oxazol (5d')**

