

Ionic-Surfactant-Coated Subtilisin: Activity, Enantioselectivity, and Application to Dynamic Kinetic Resolution of Secondary Alcohols

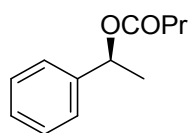
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77 Cheongam-ro, Pohang 37673, Republic of Korea
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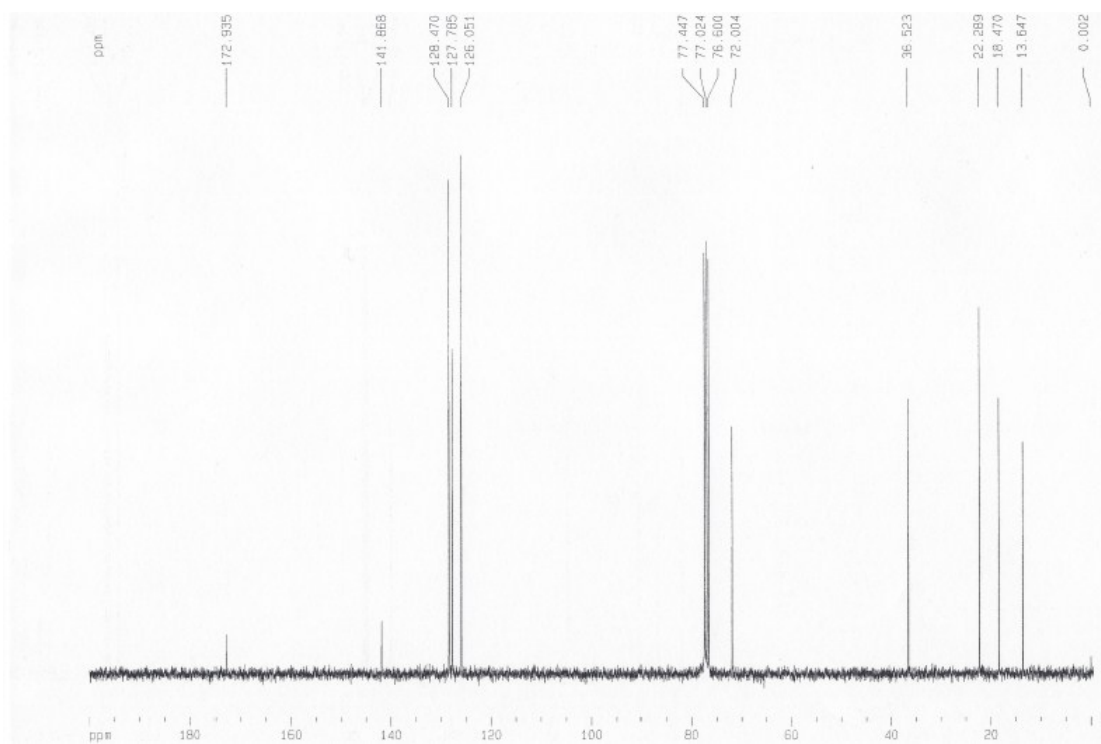
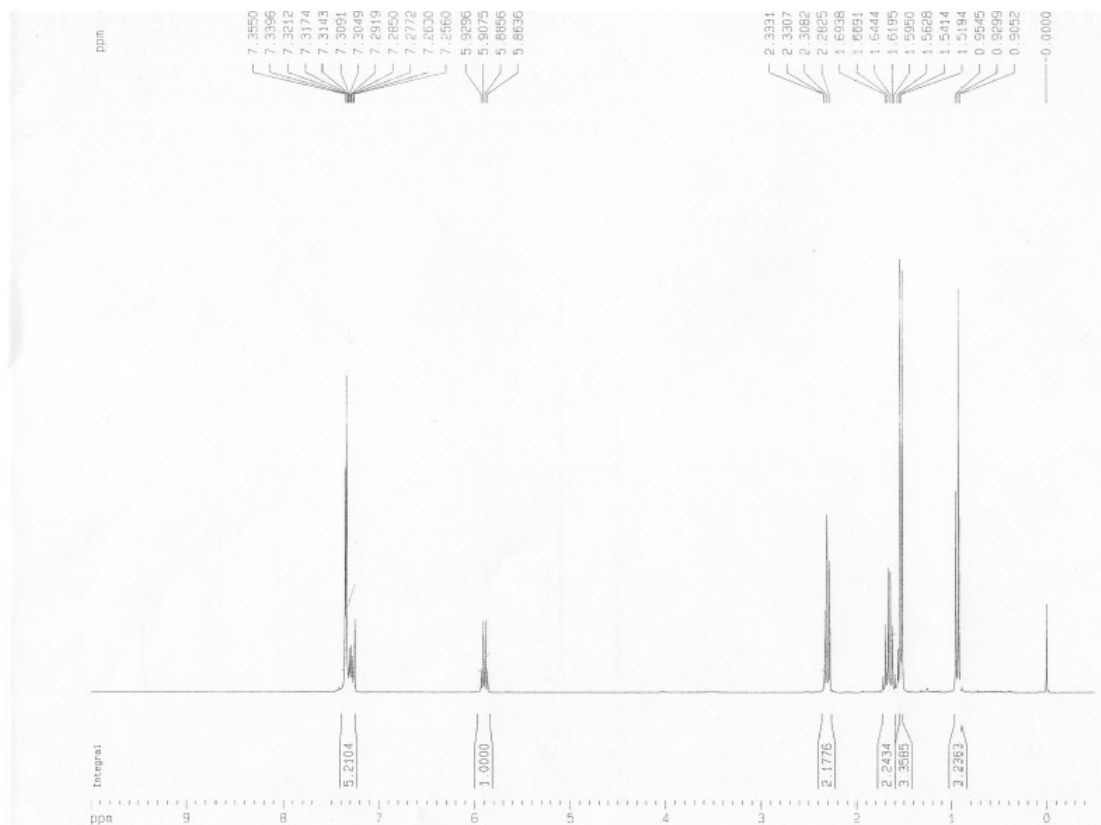
Supporting Information

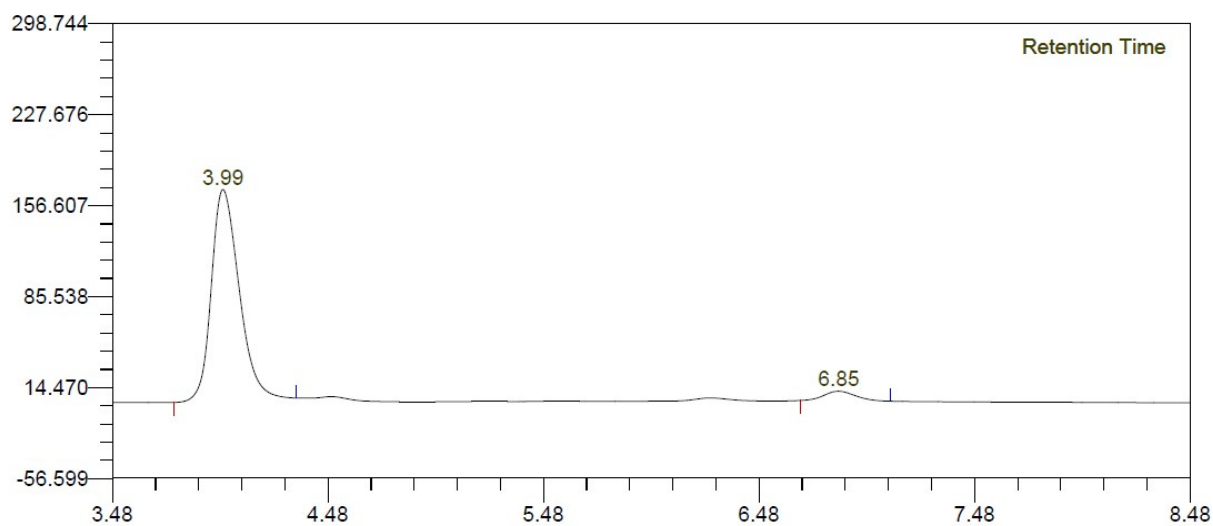
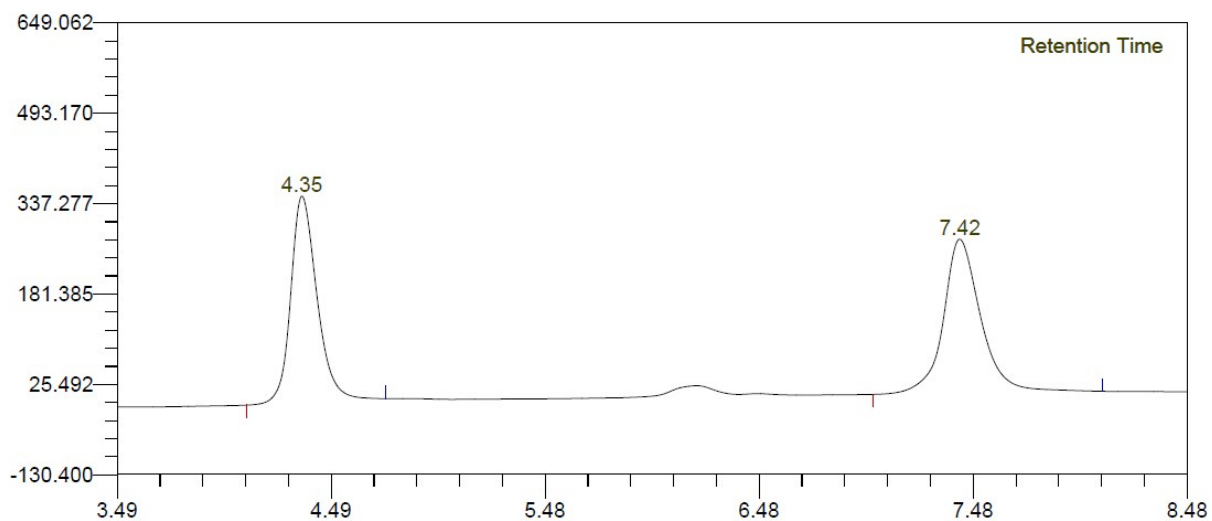
Table of Contents

1. NMR spectra and HPLC Chromatogram of DKR products	2
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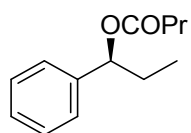


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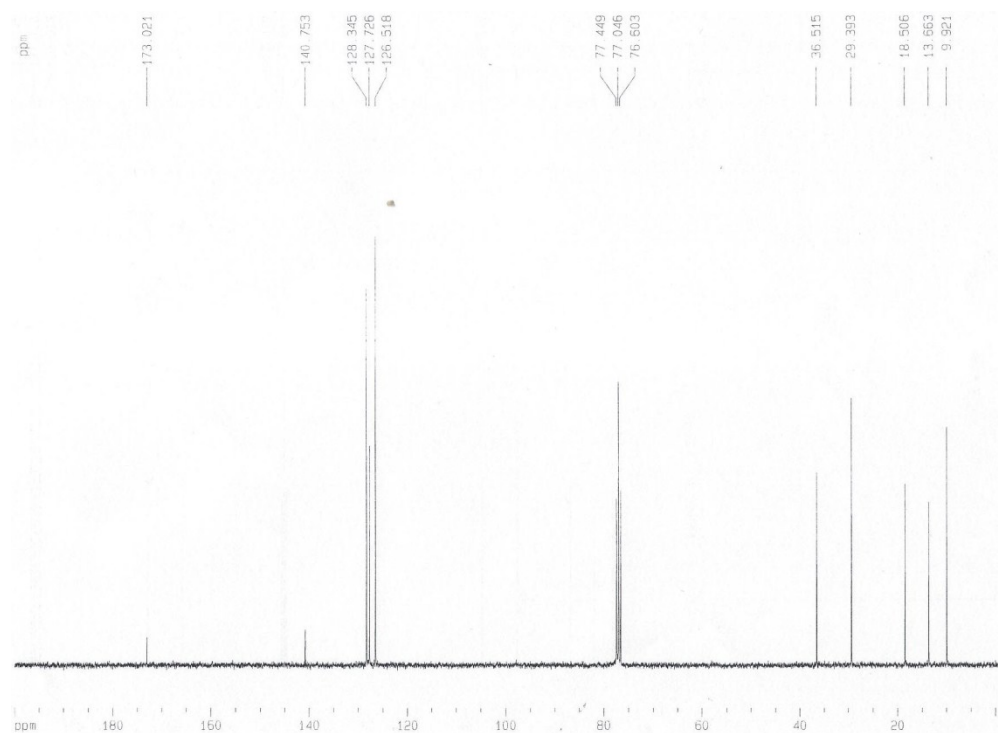
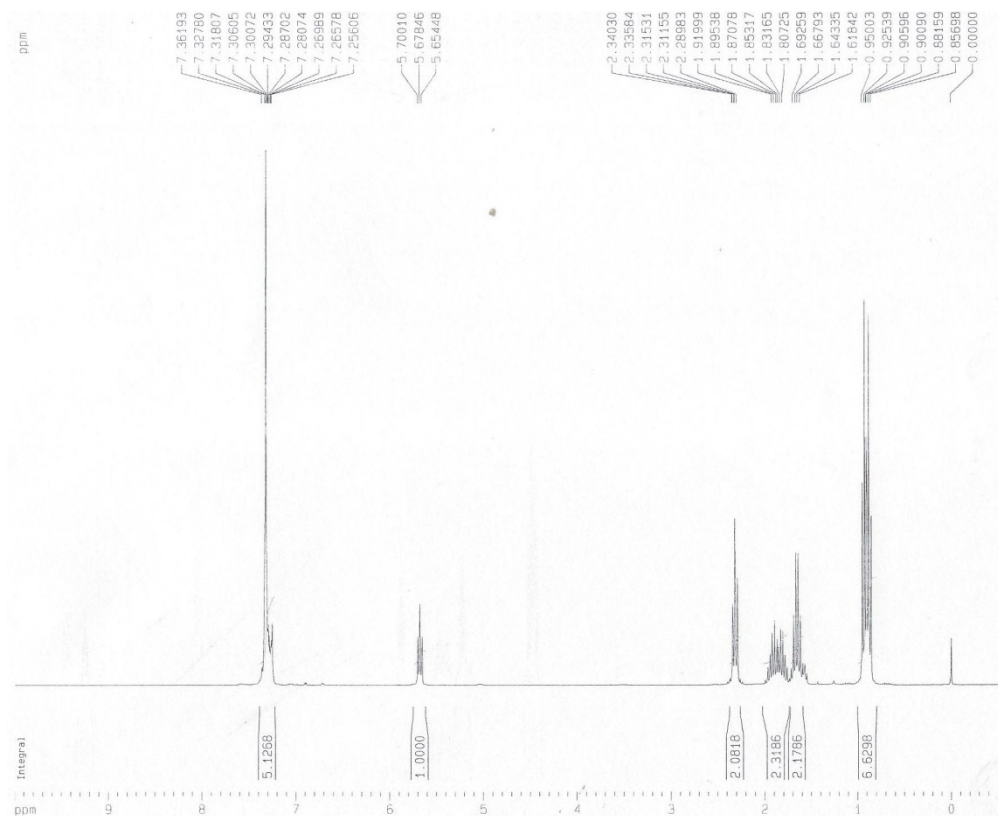


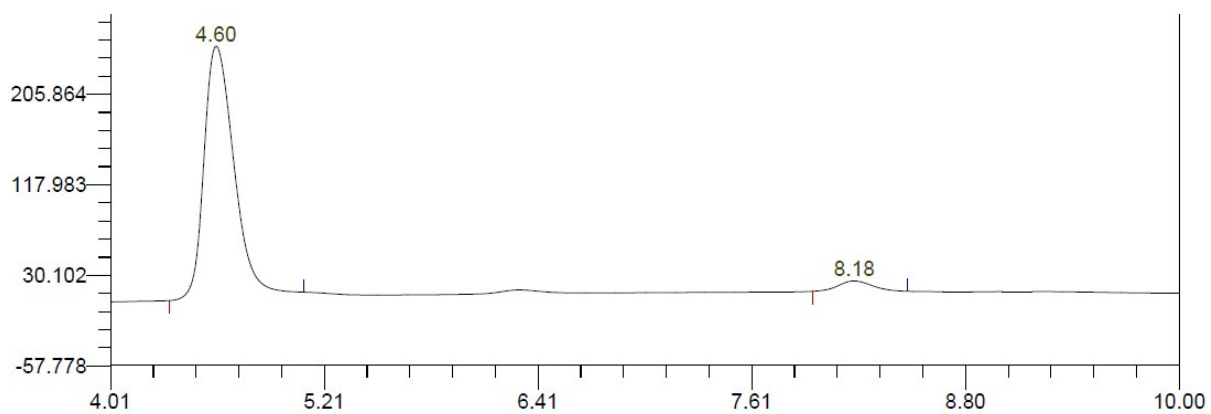
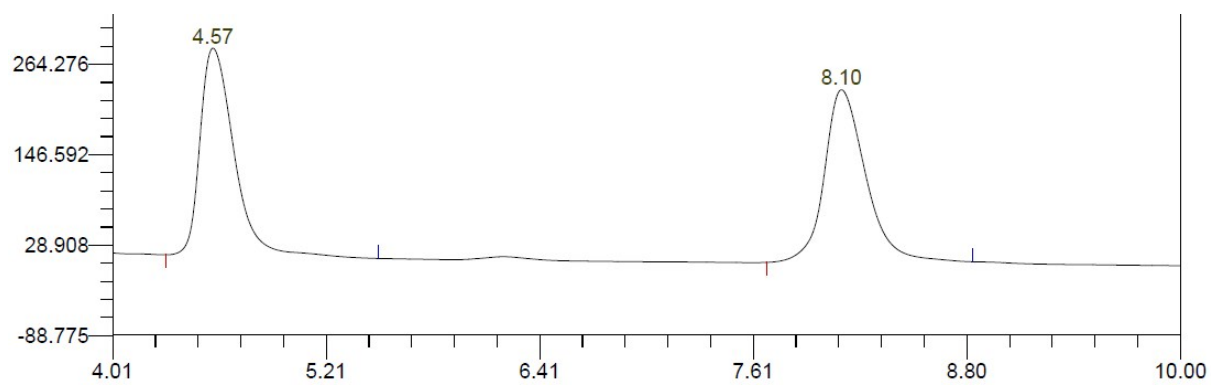


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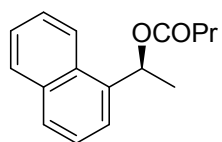


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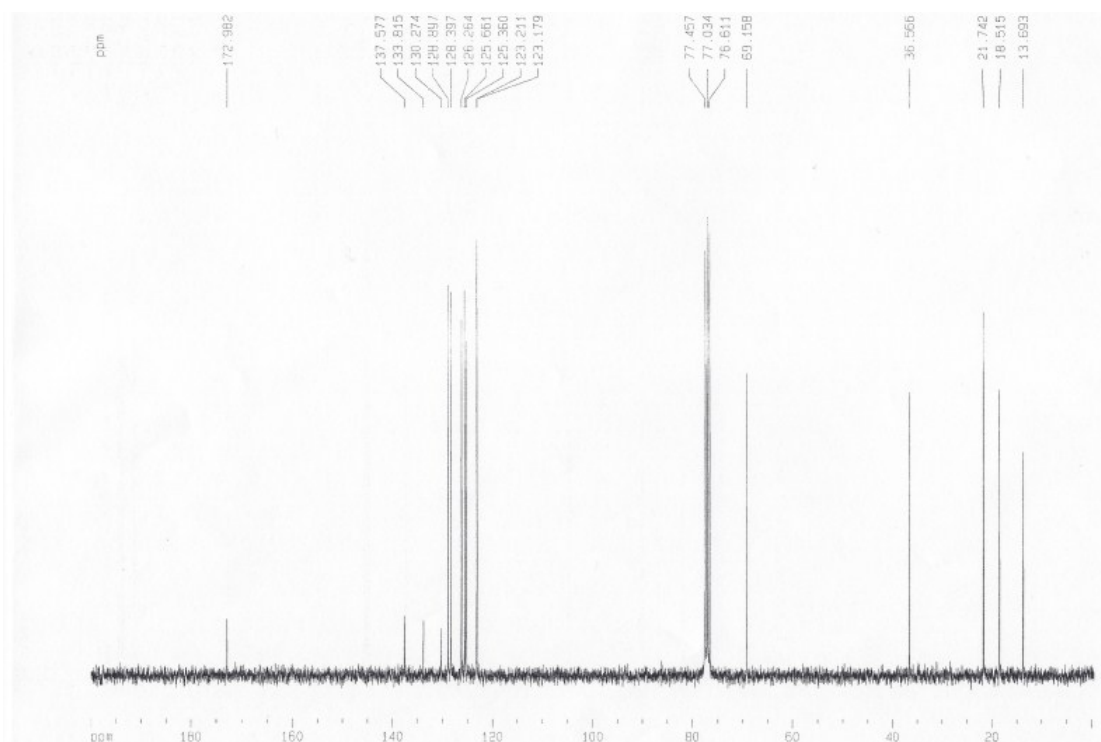
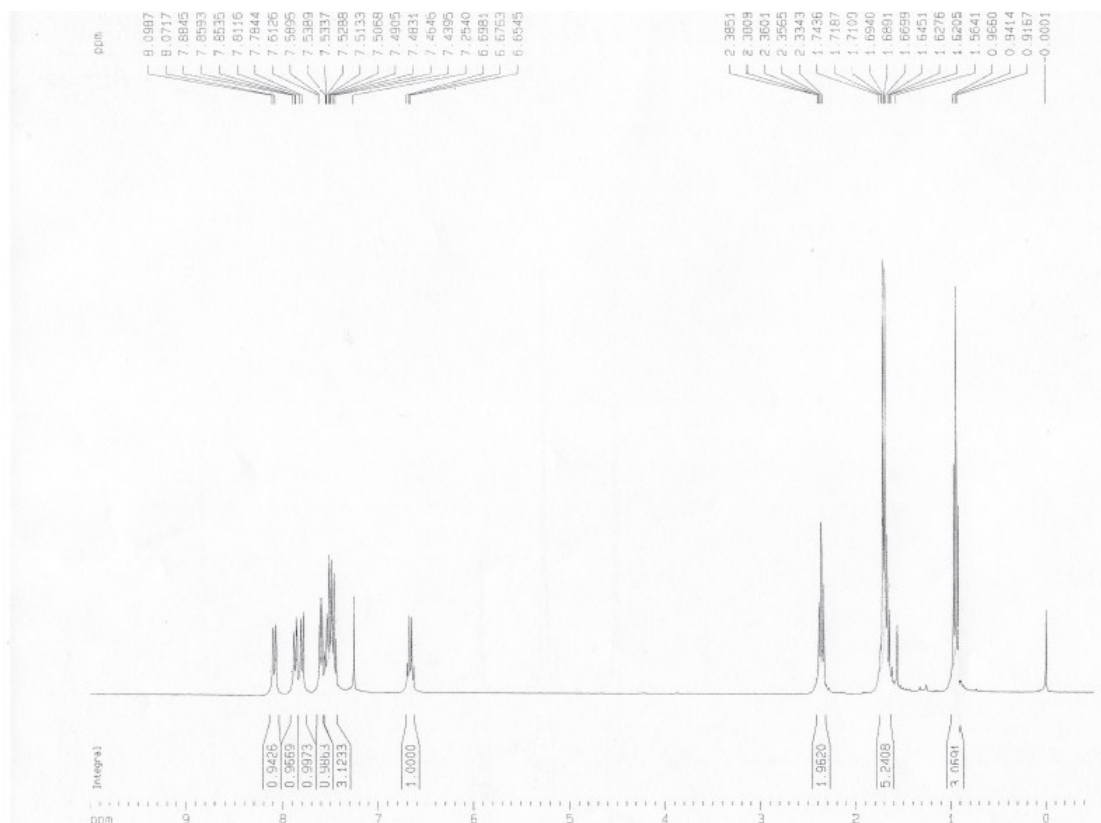


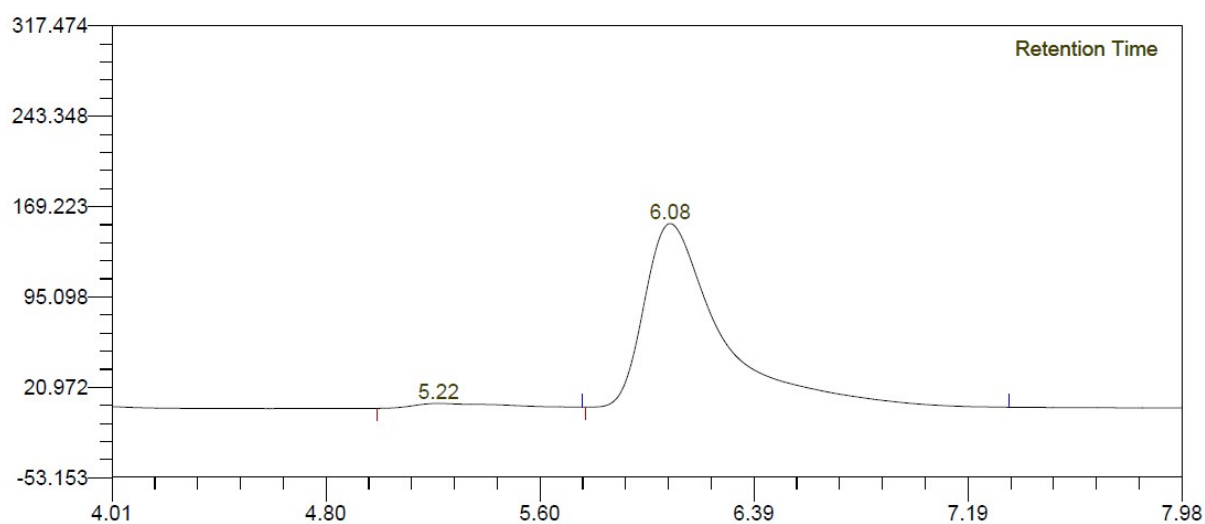
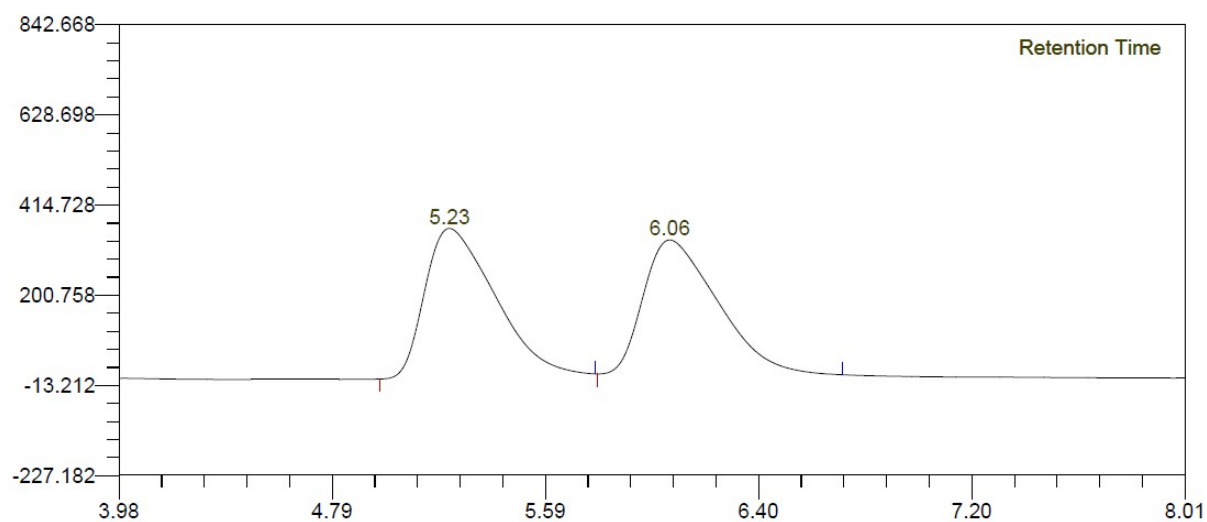


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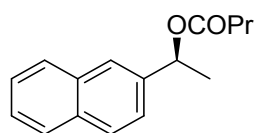


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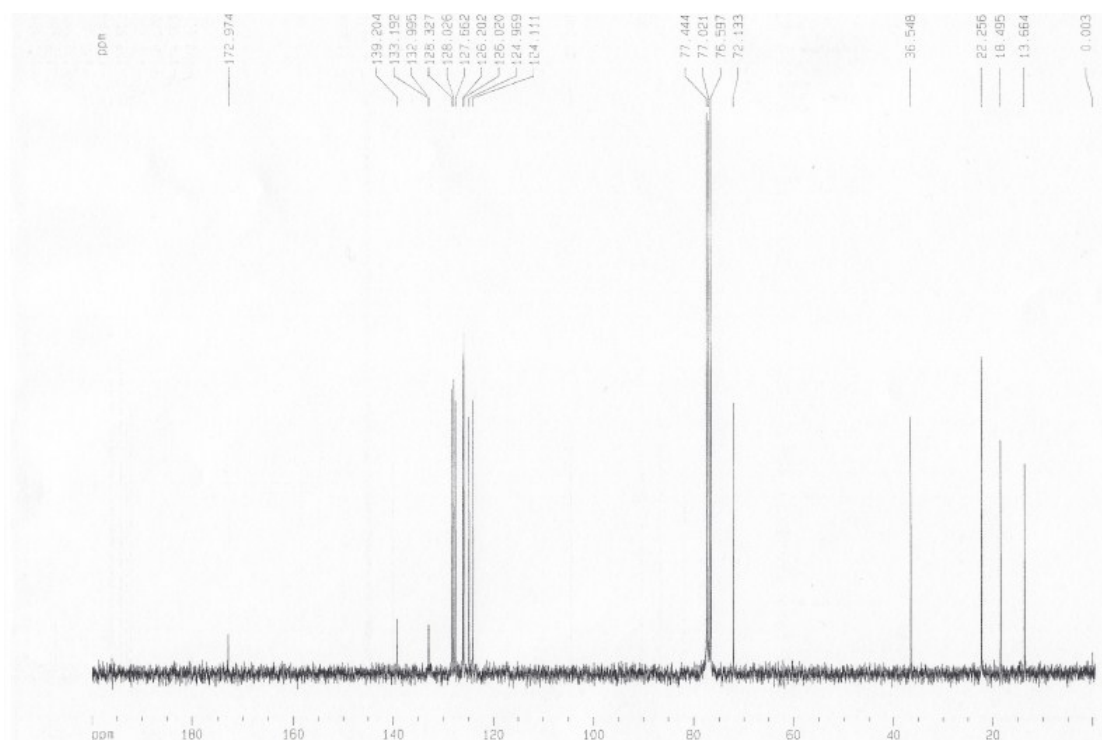
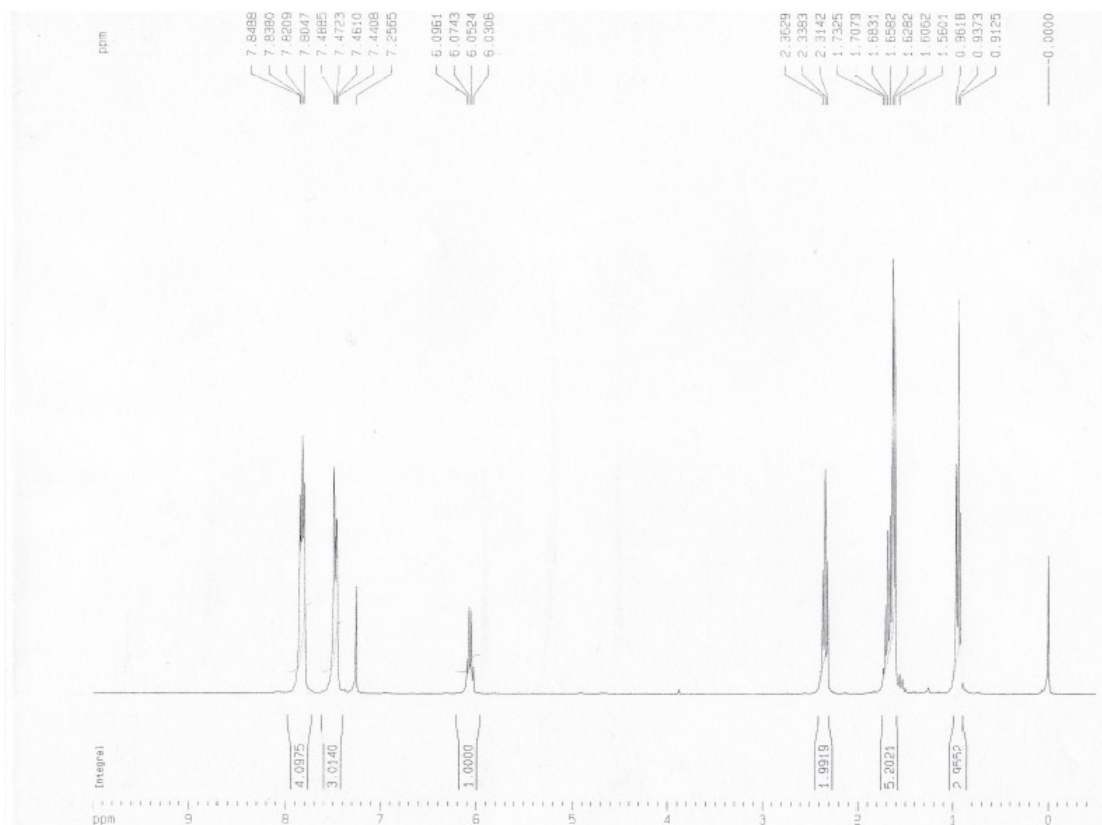


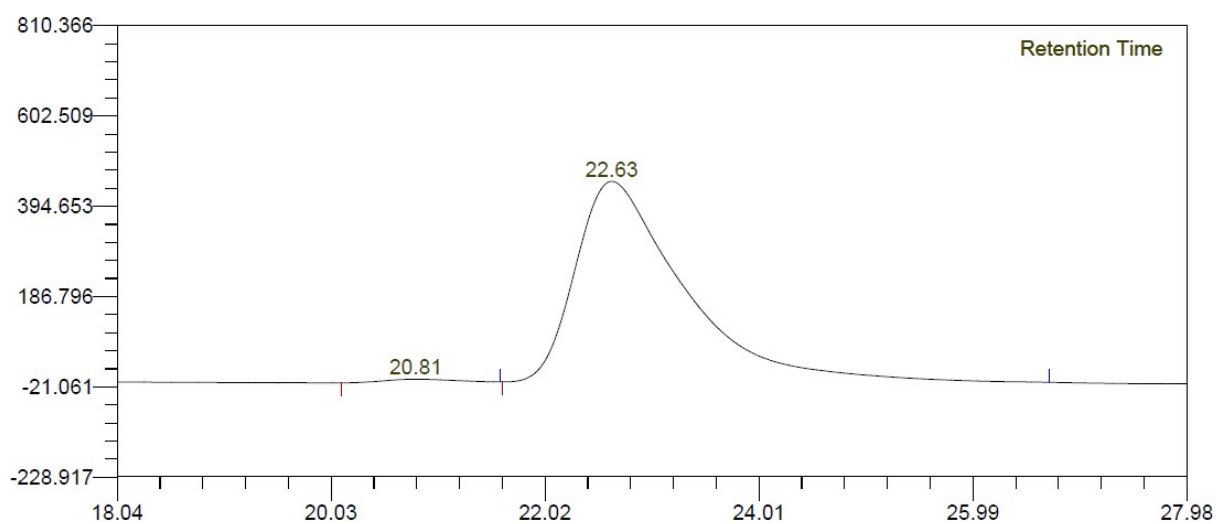
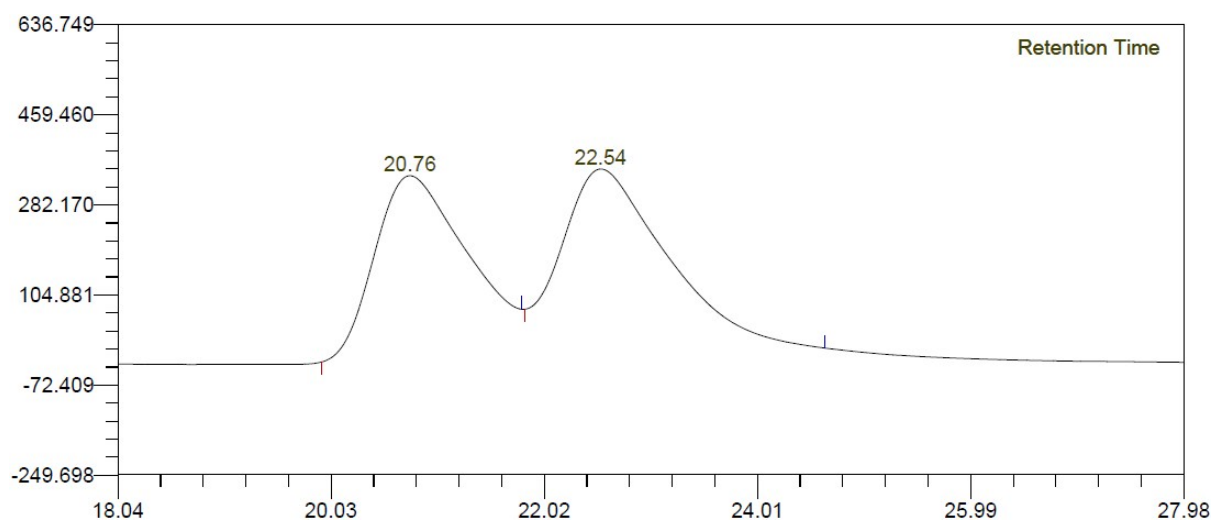


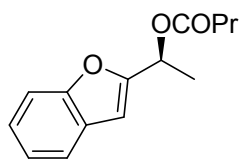
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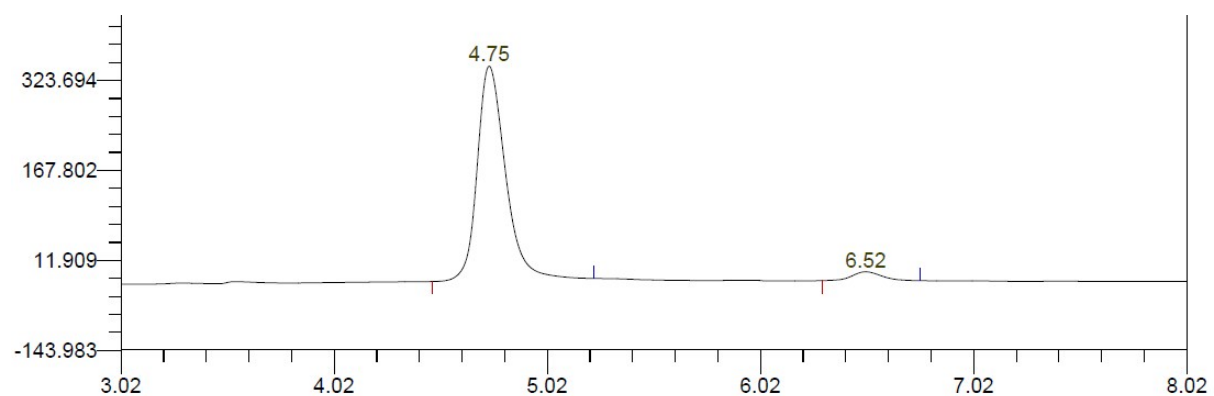
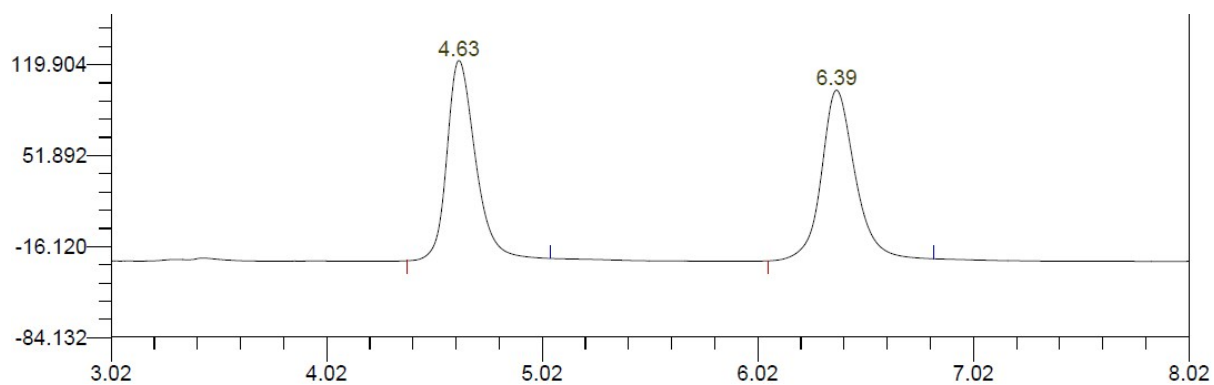




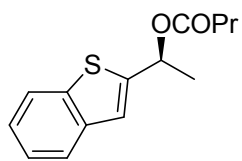


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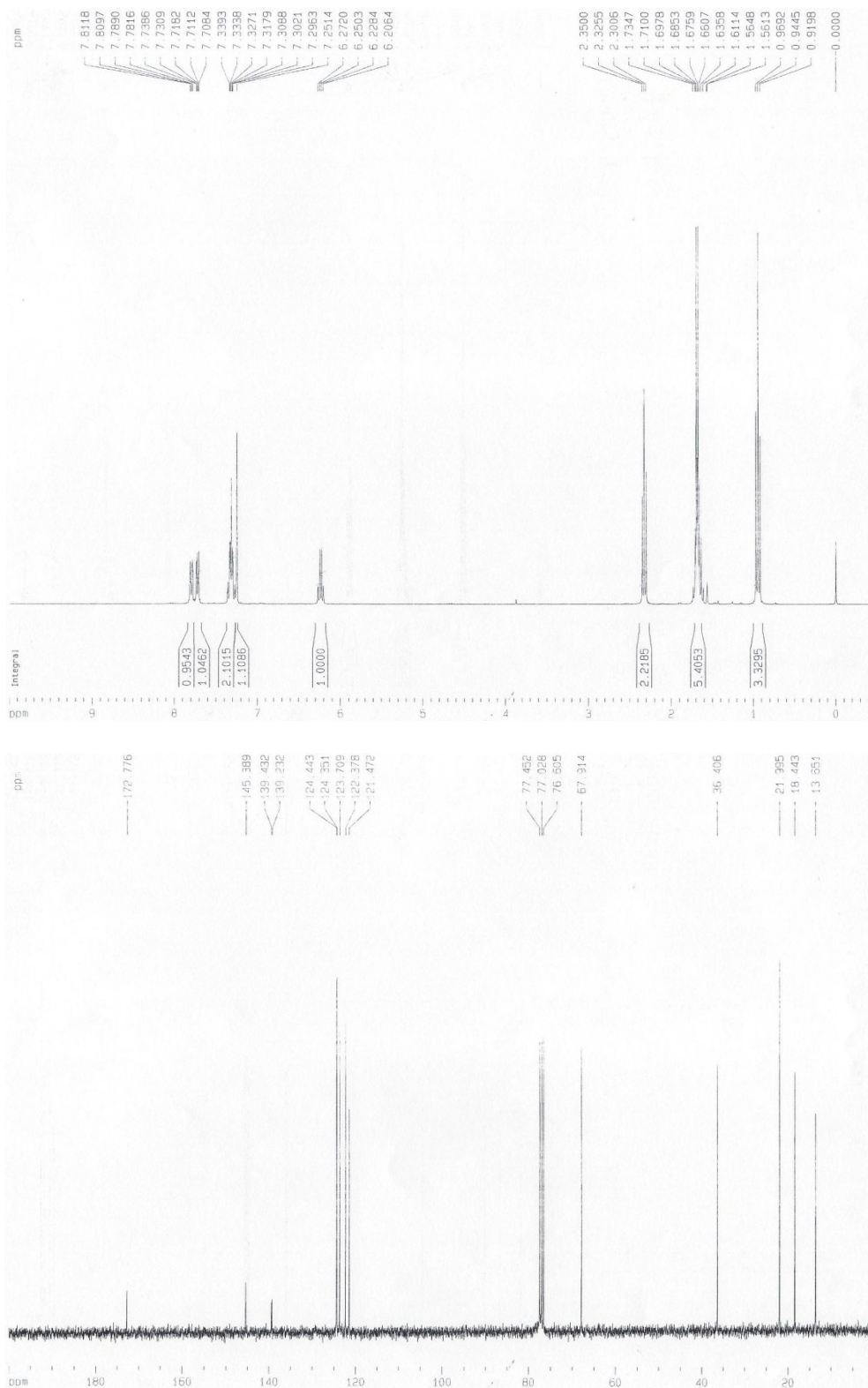


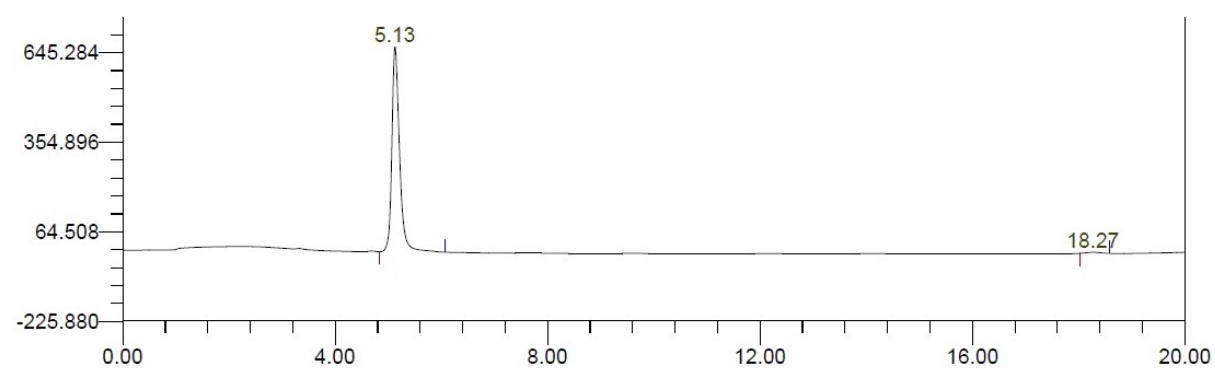
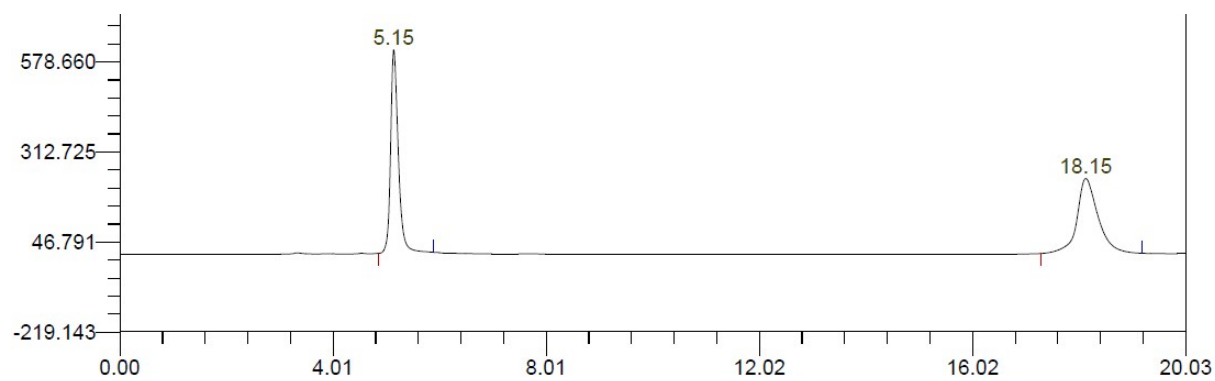


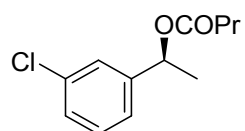
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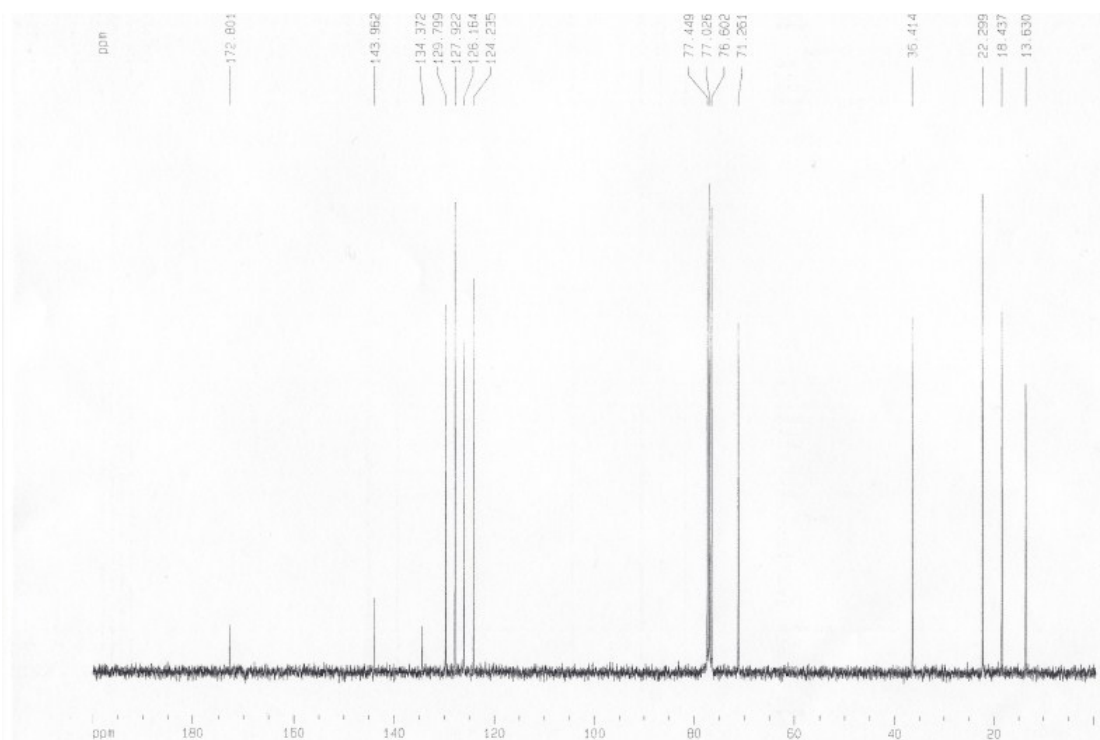
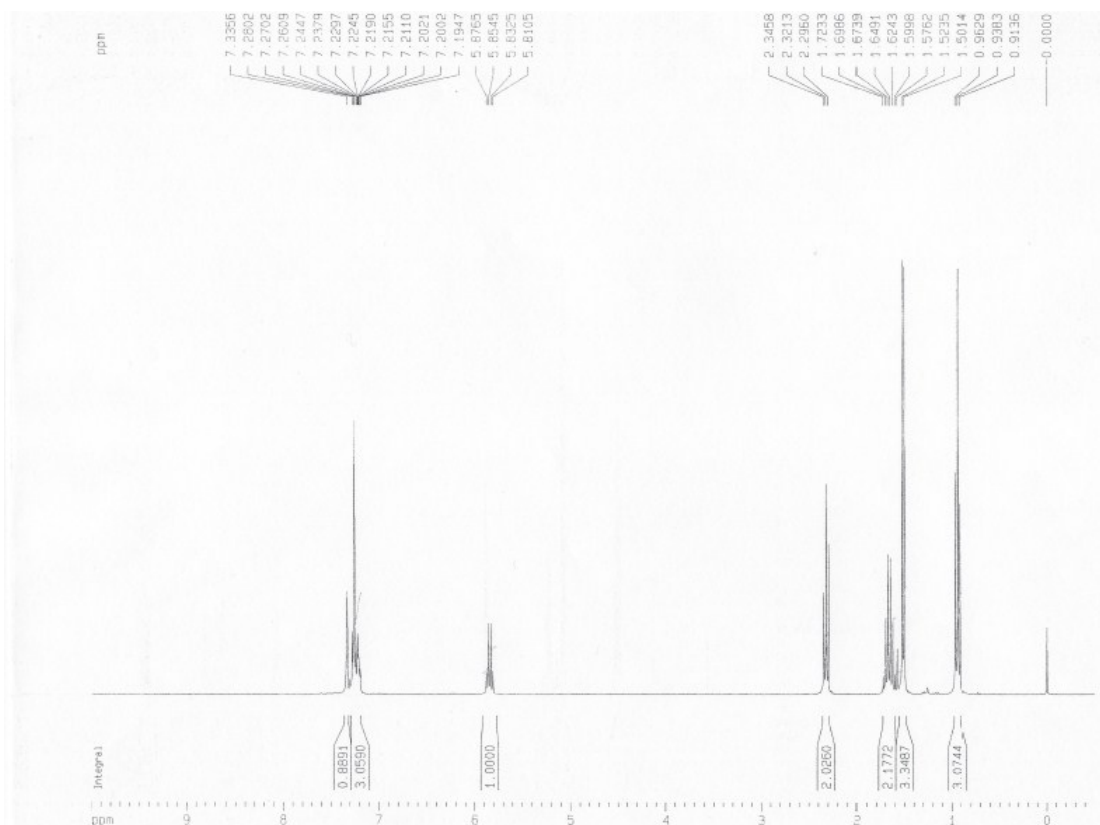
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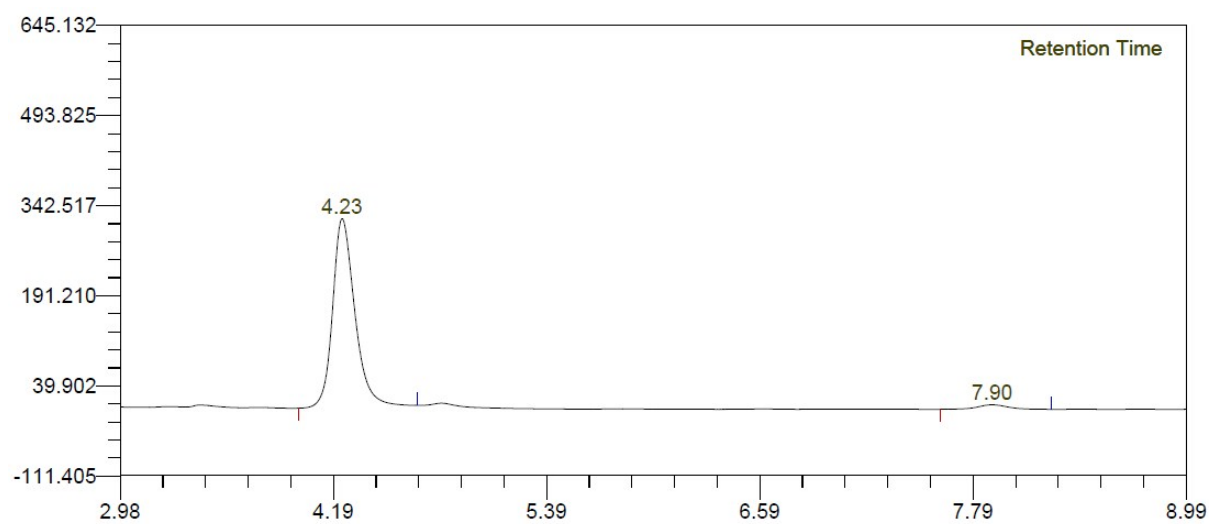
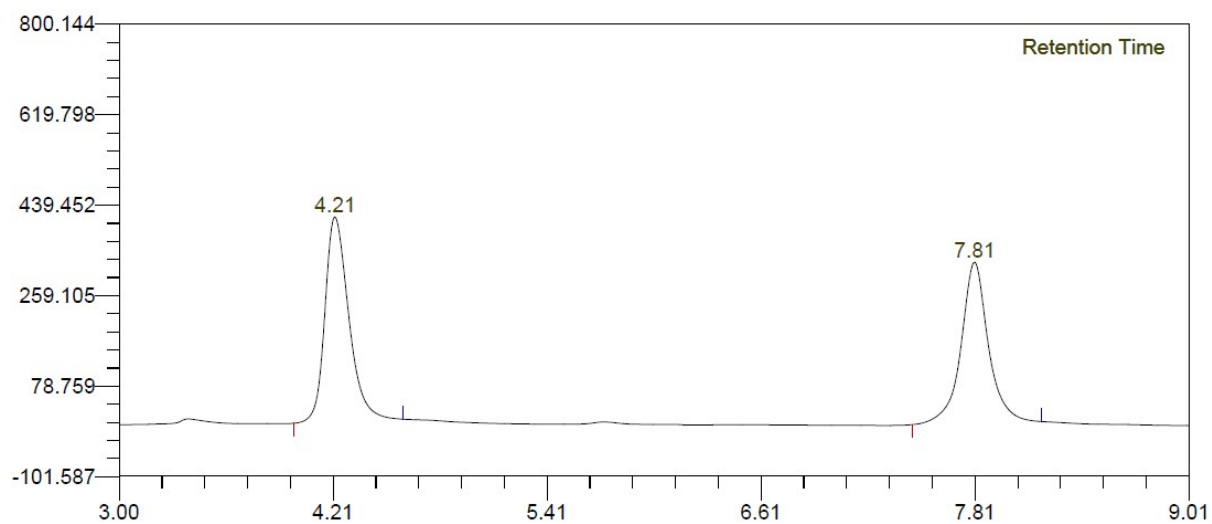




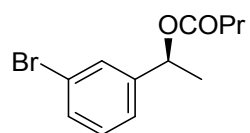


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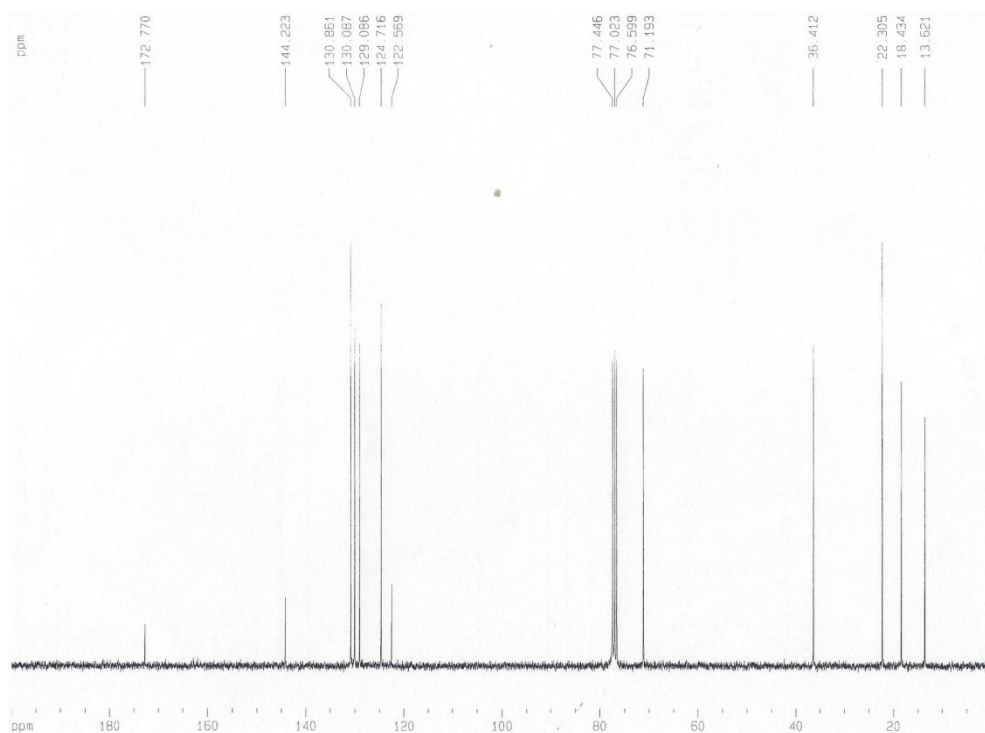
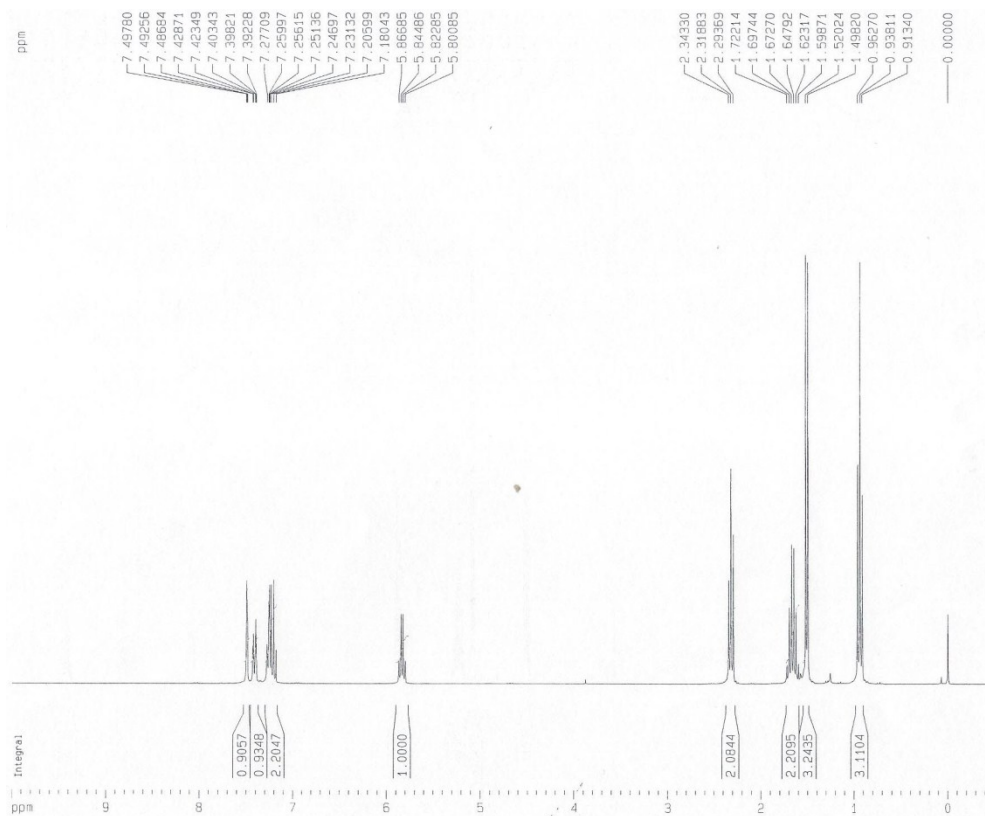


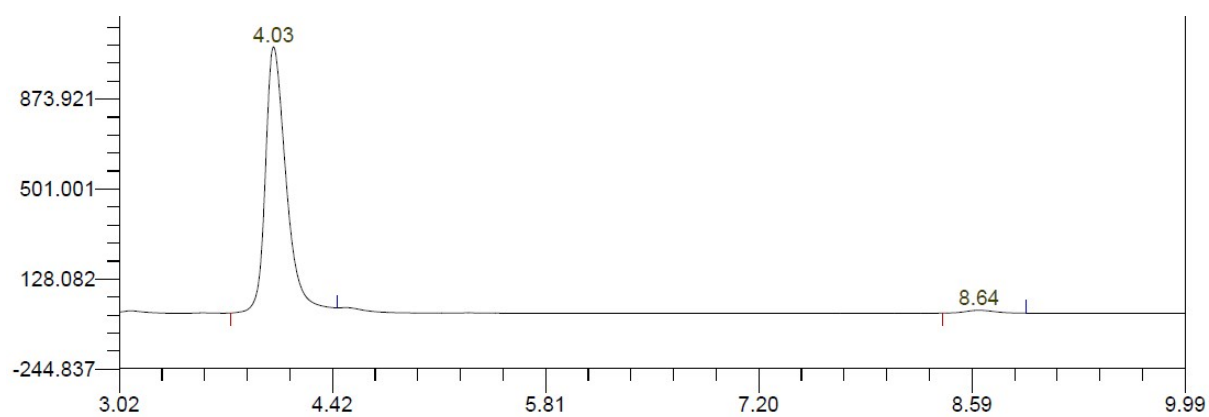
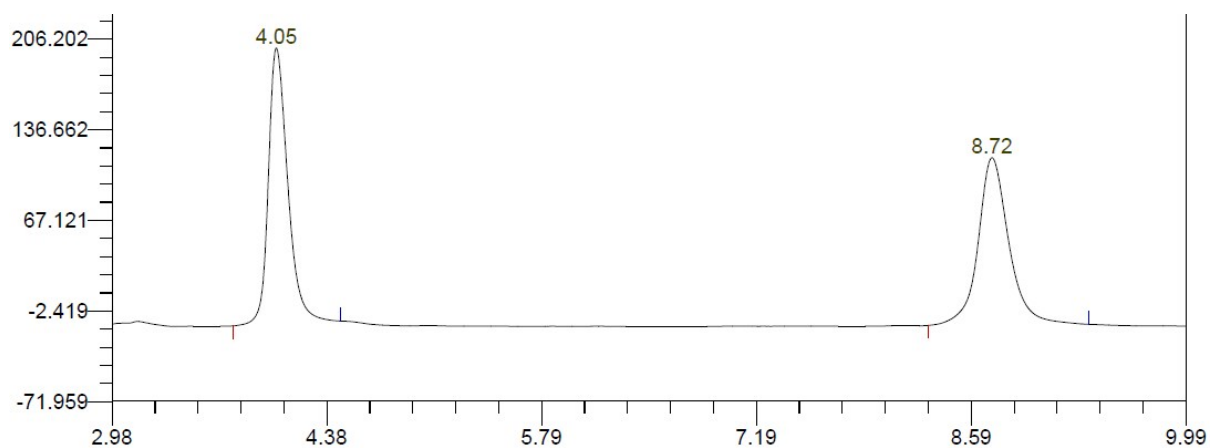


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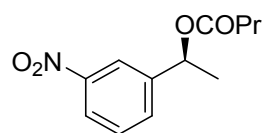


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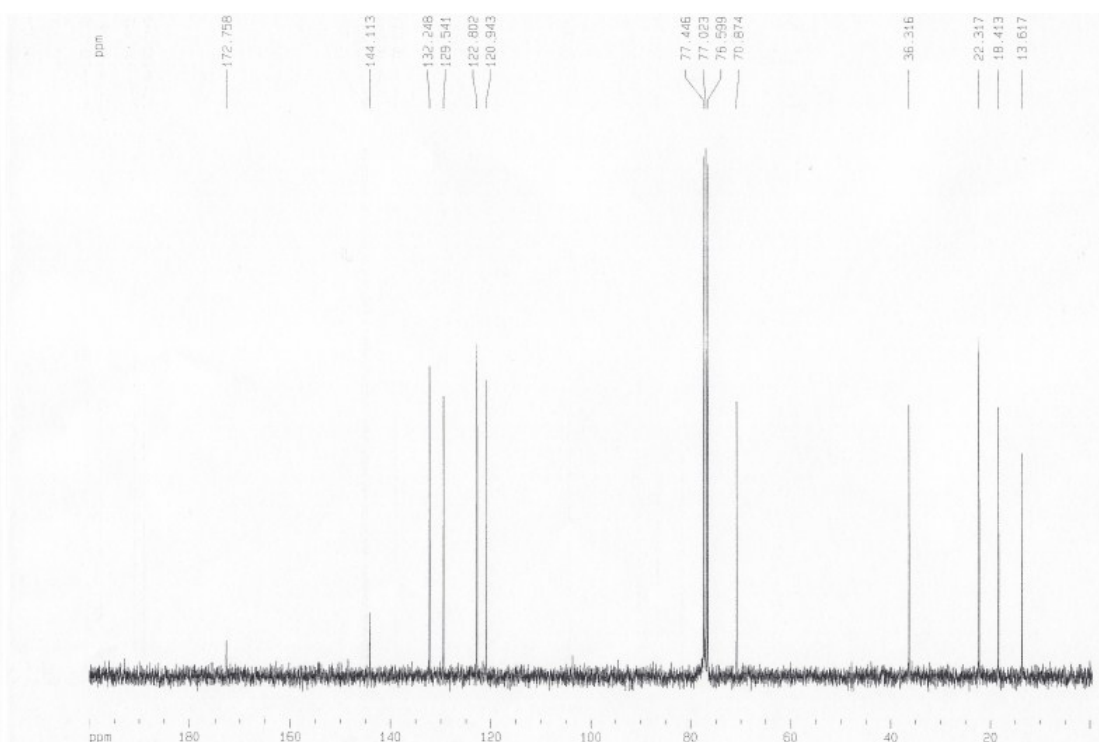
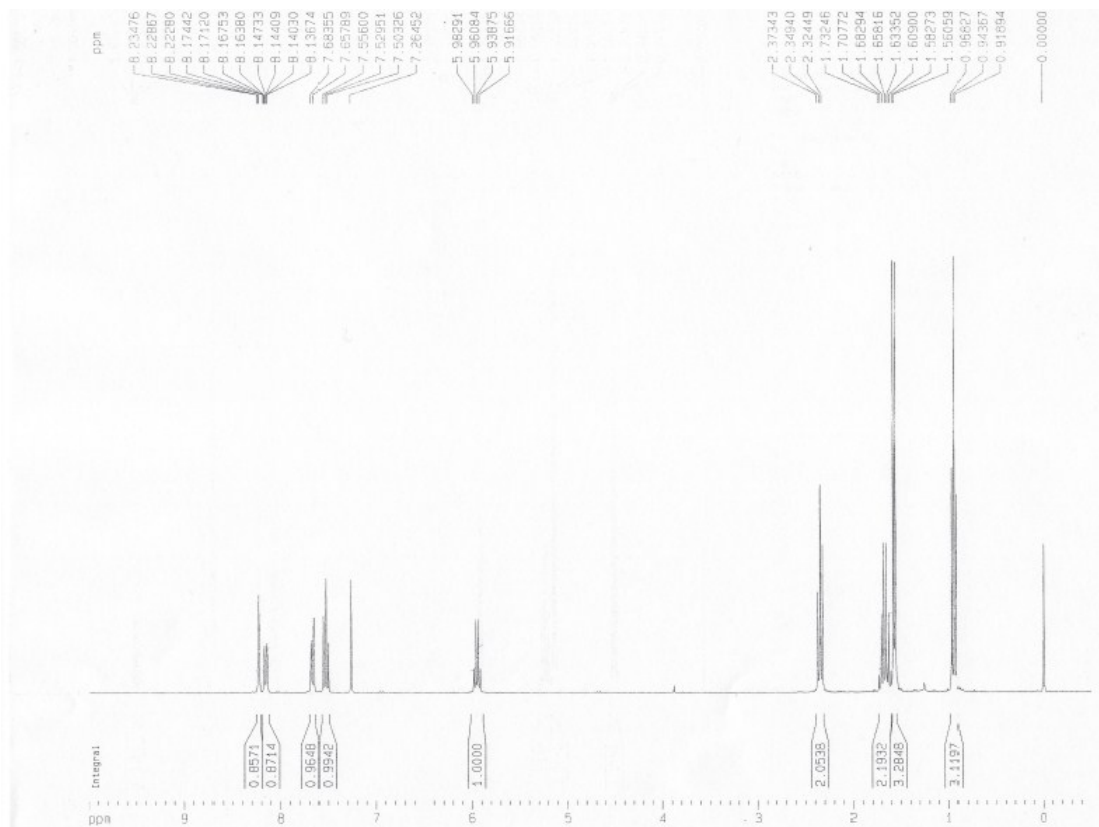


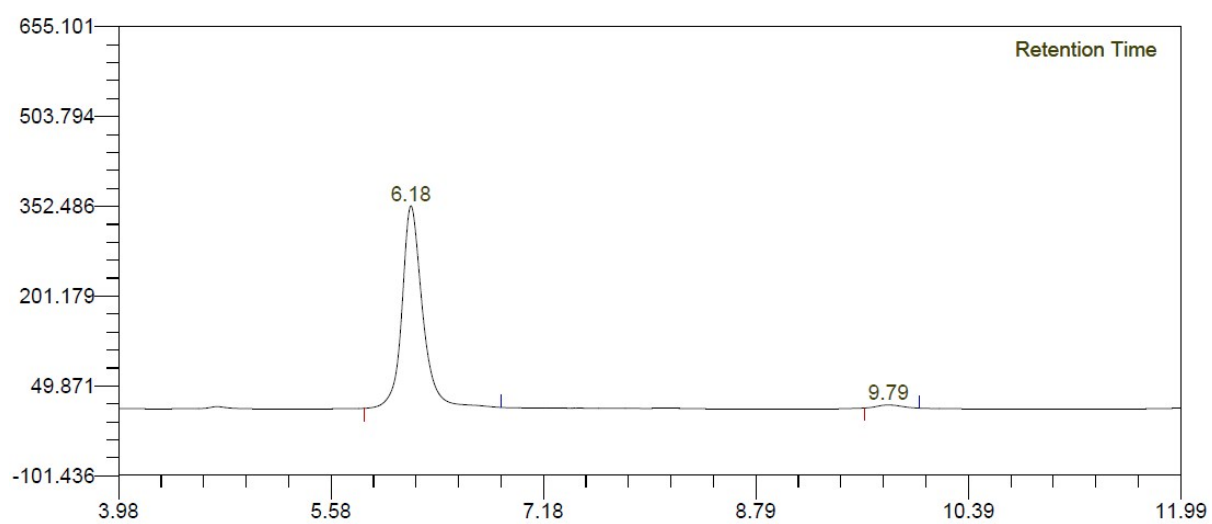
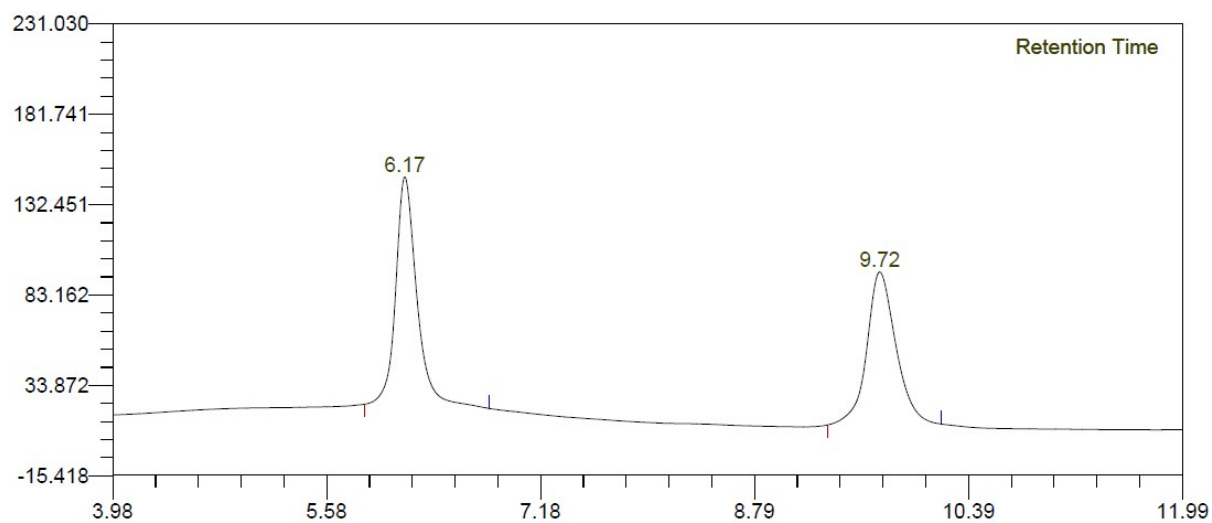


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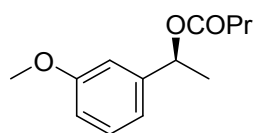


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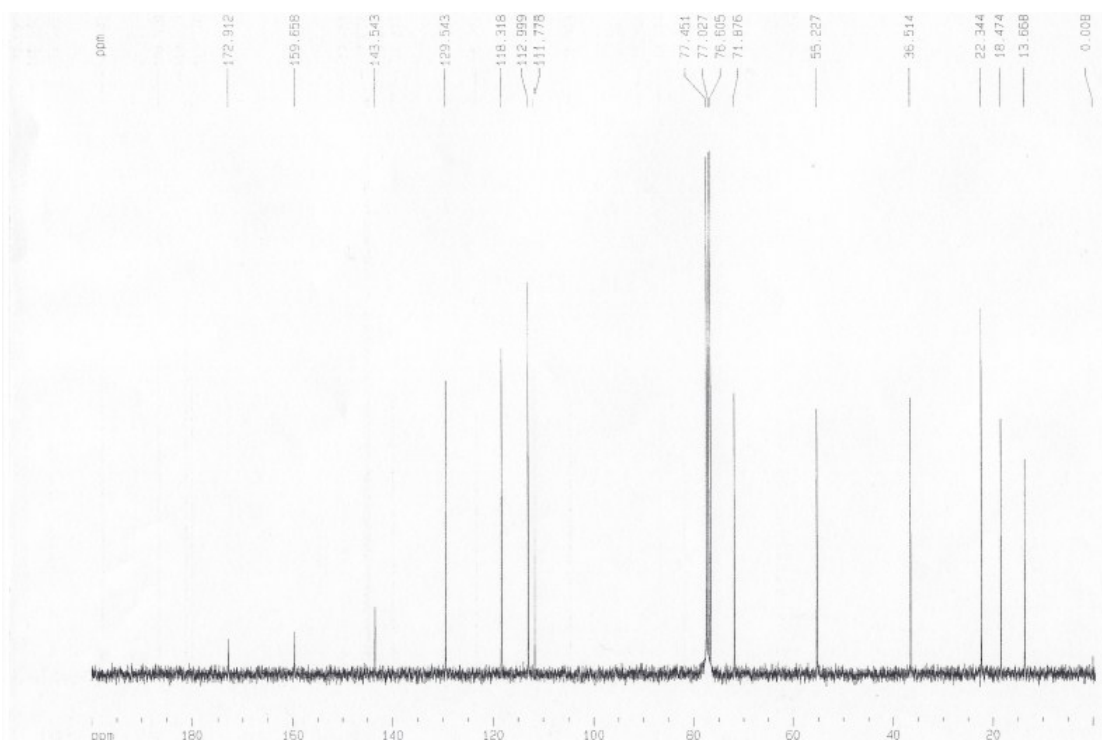
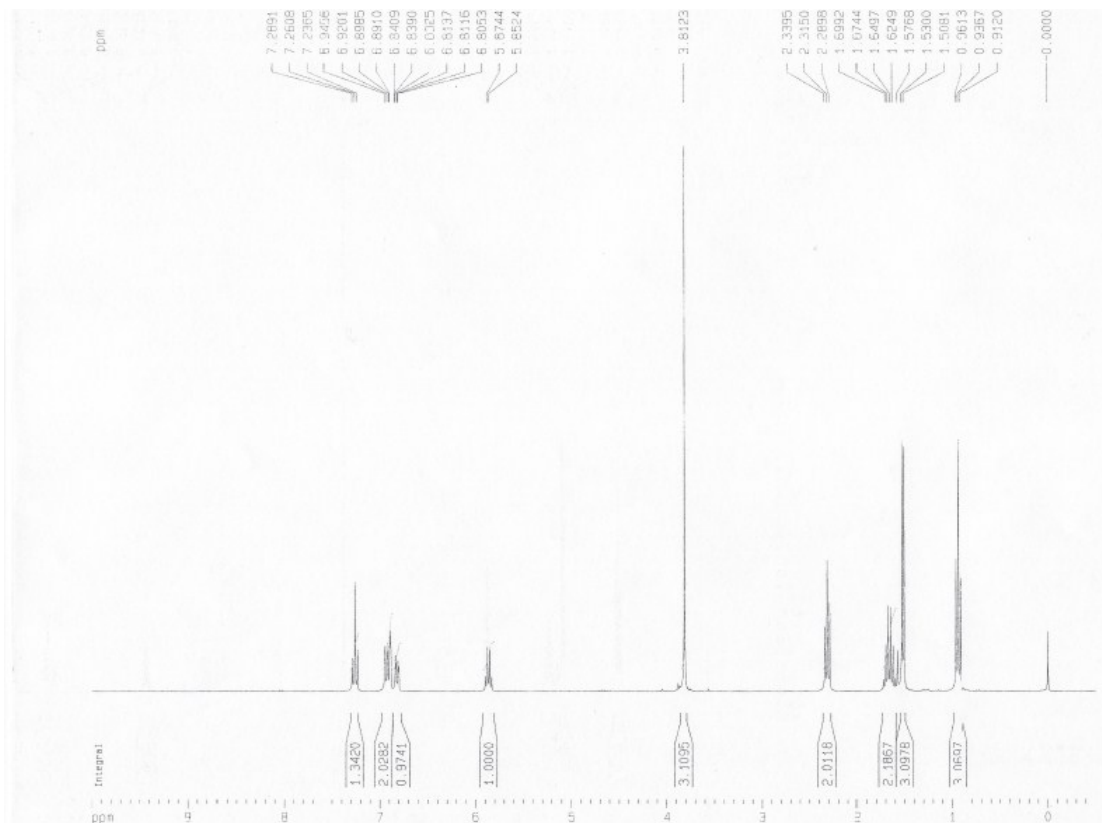


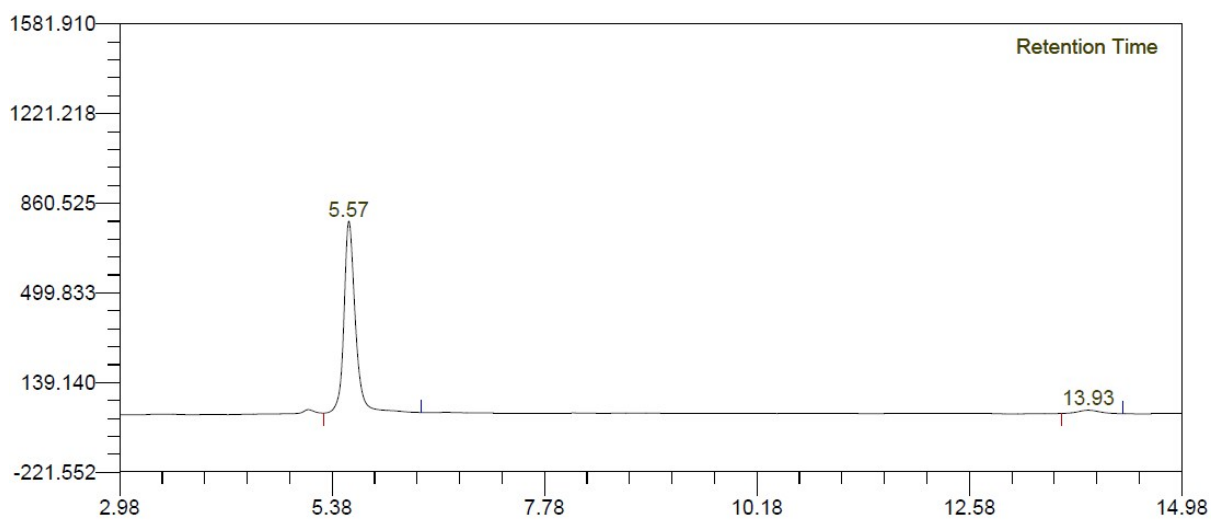
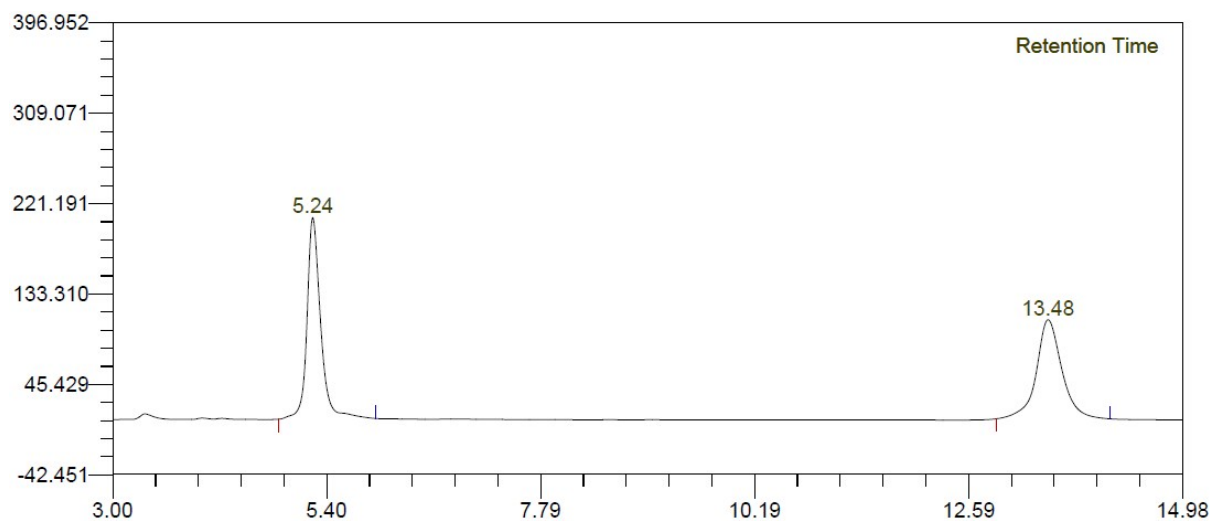


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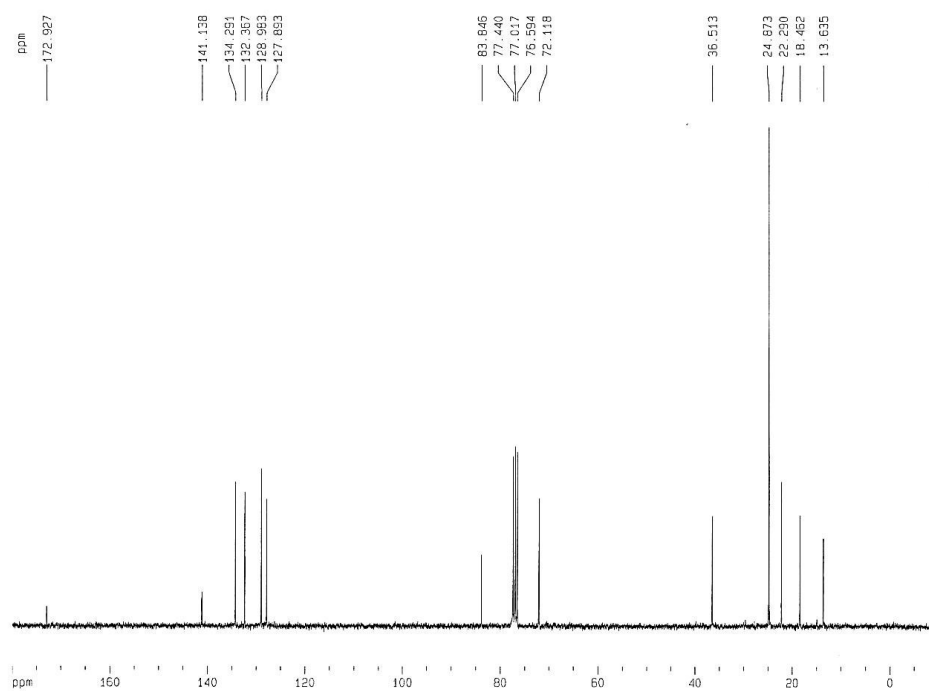
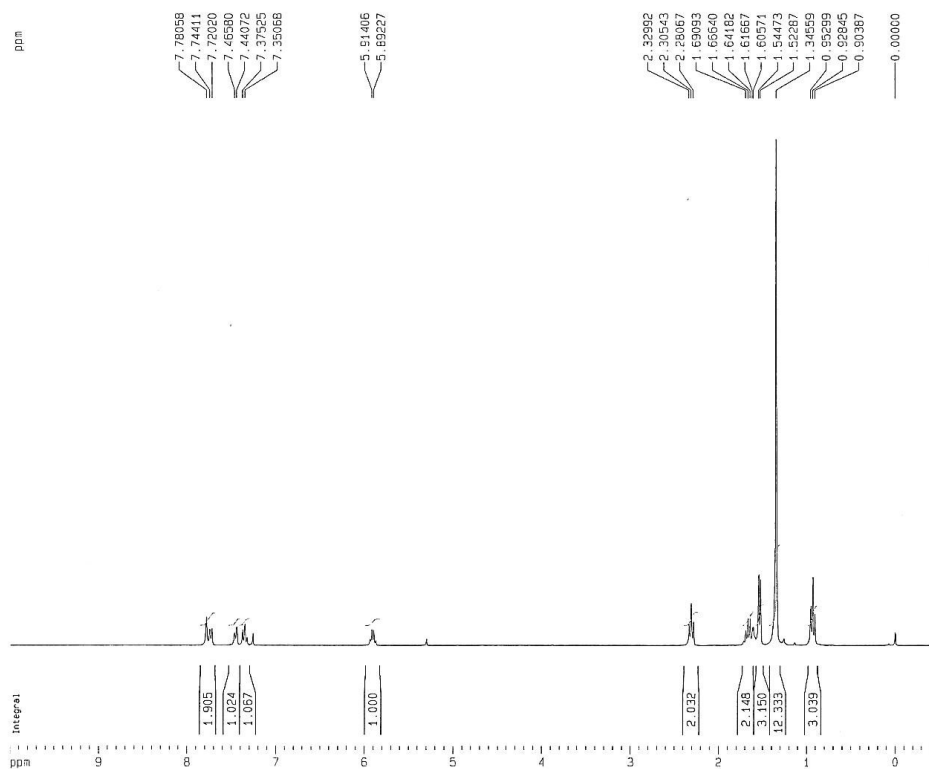
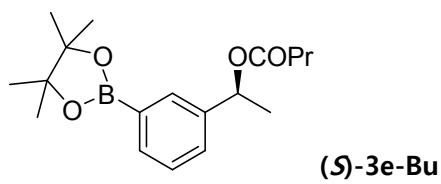


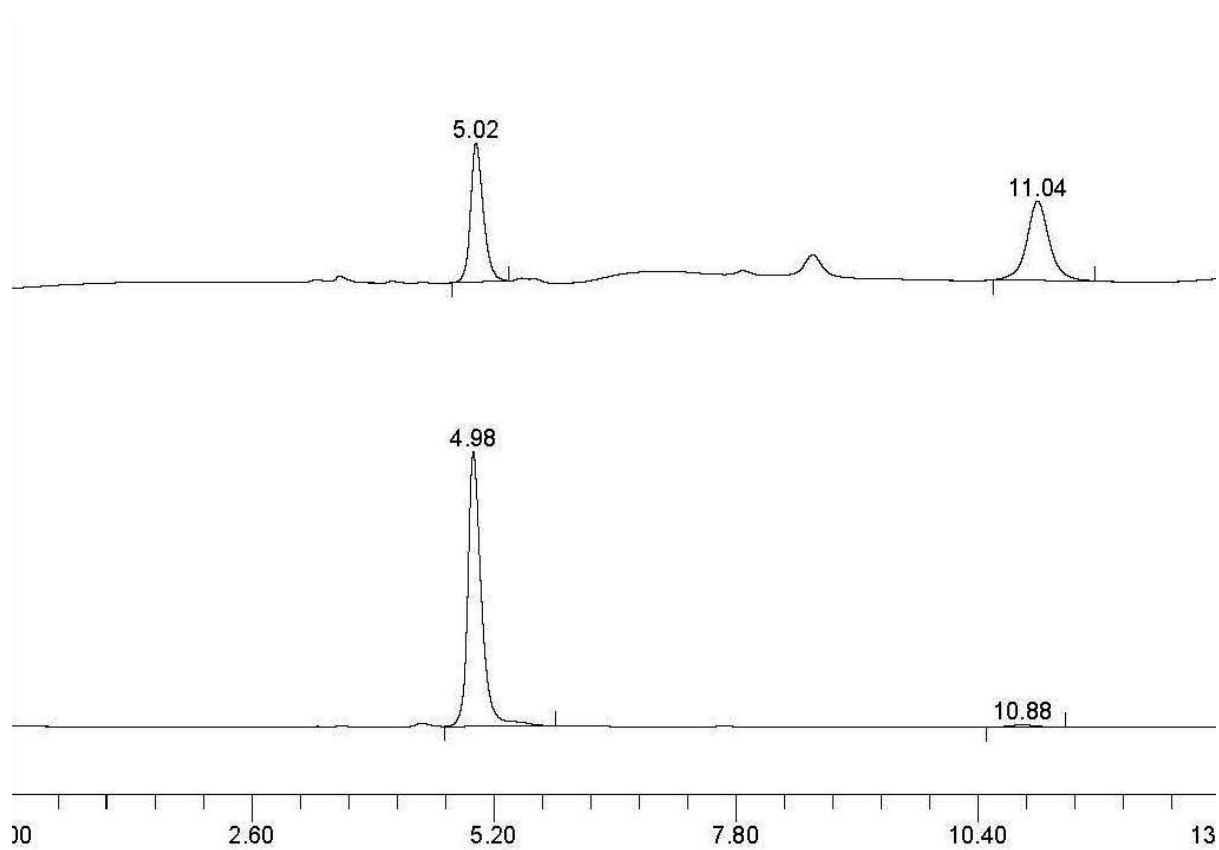
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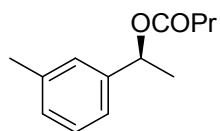


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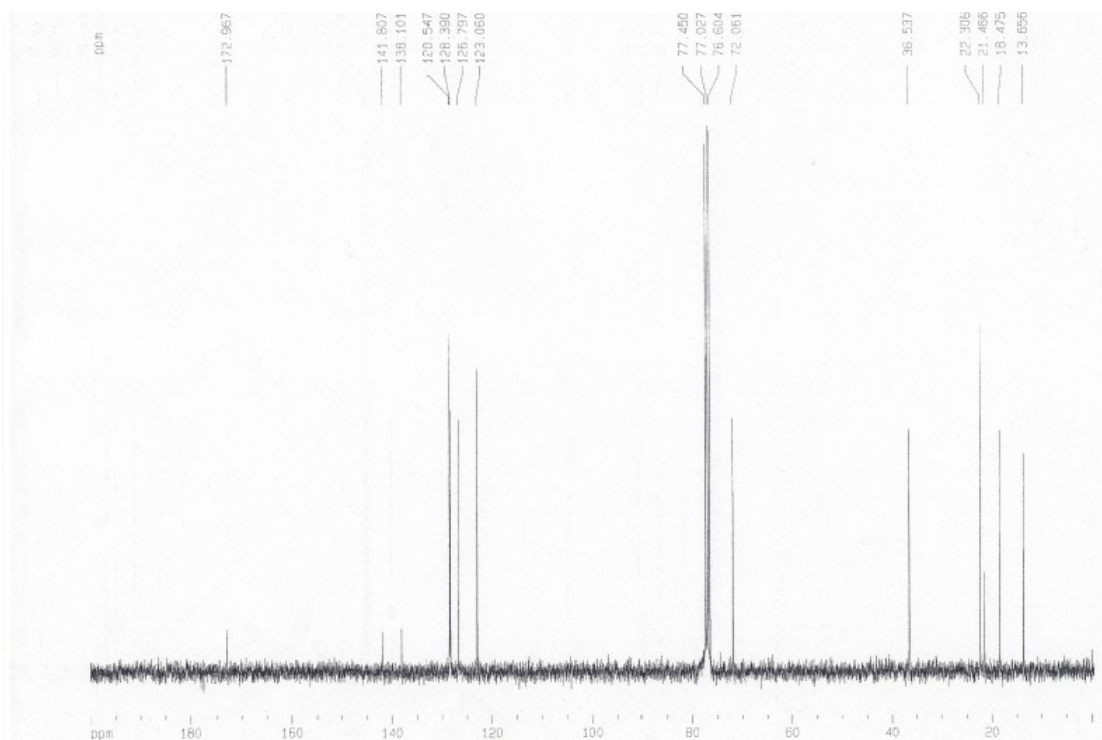
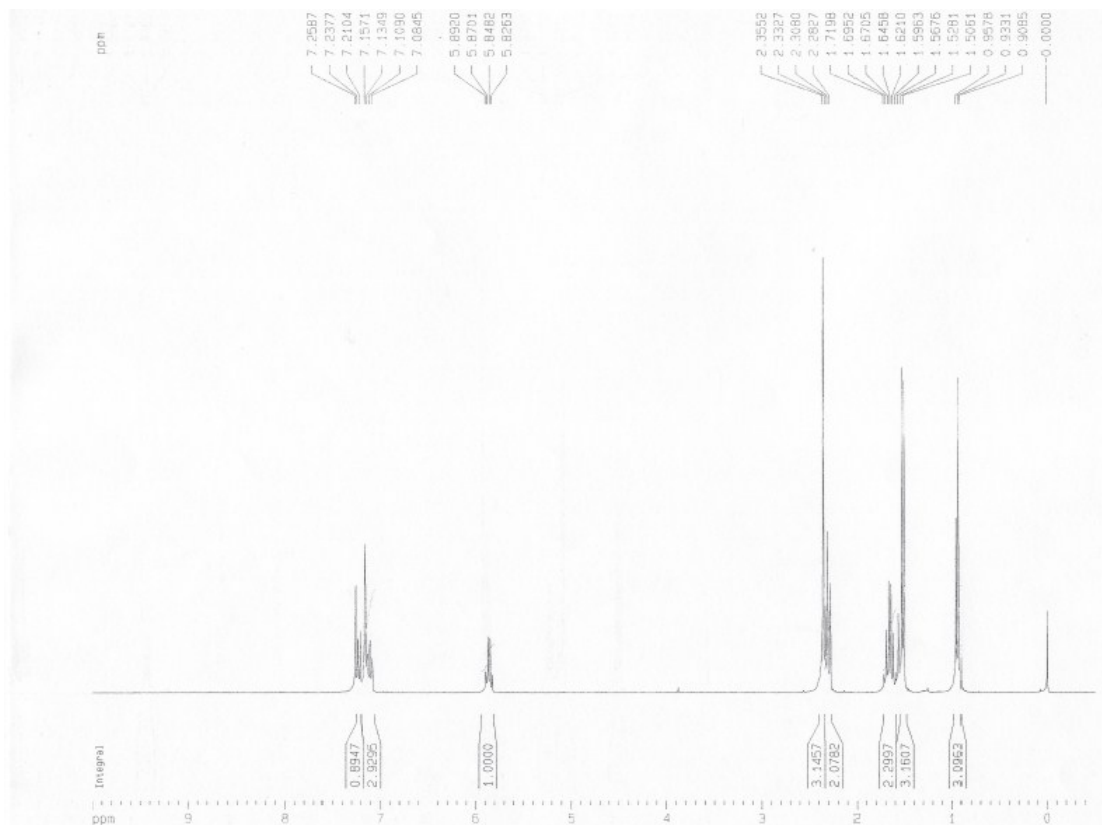


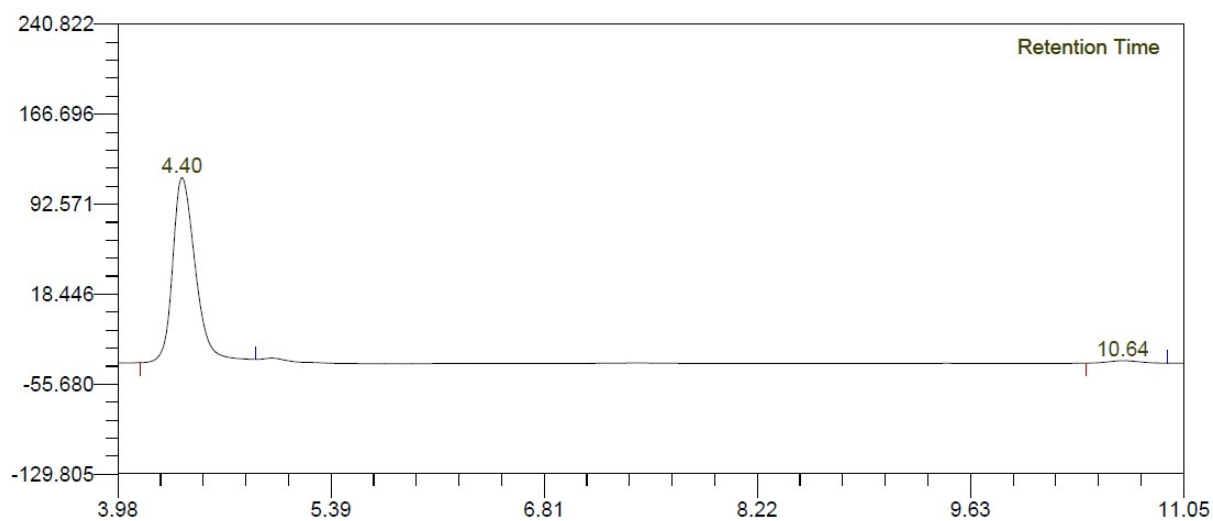
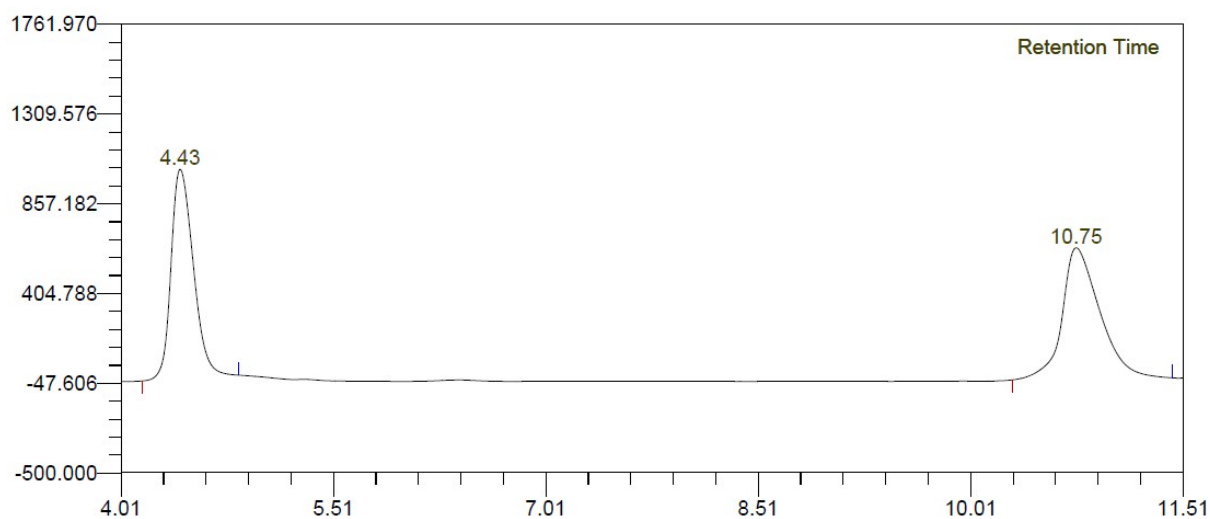


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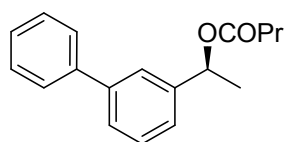


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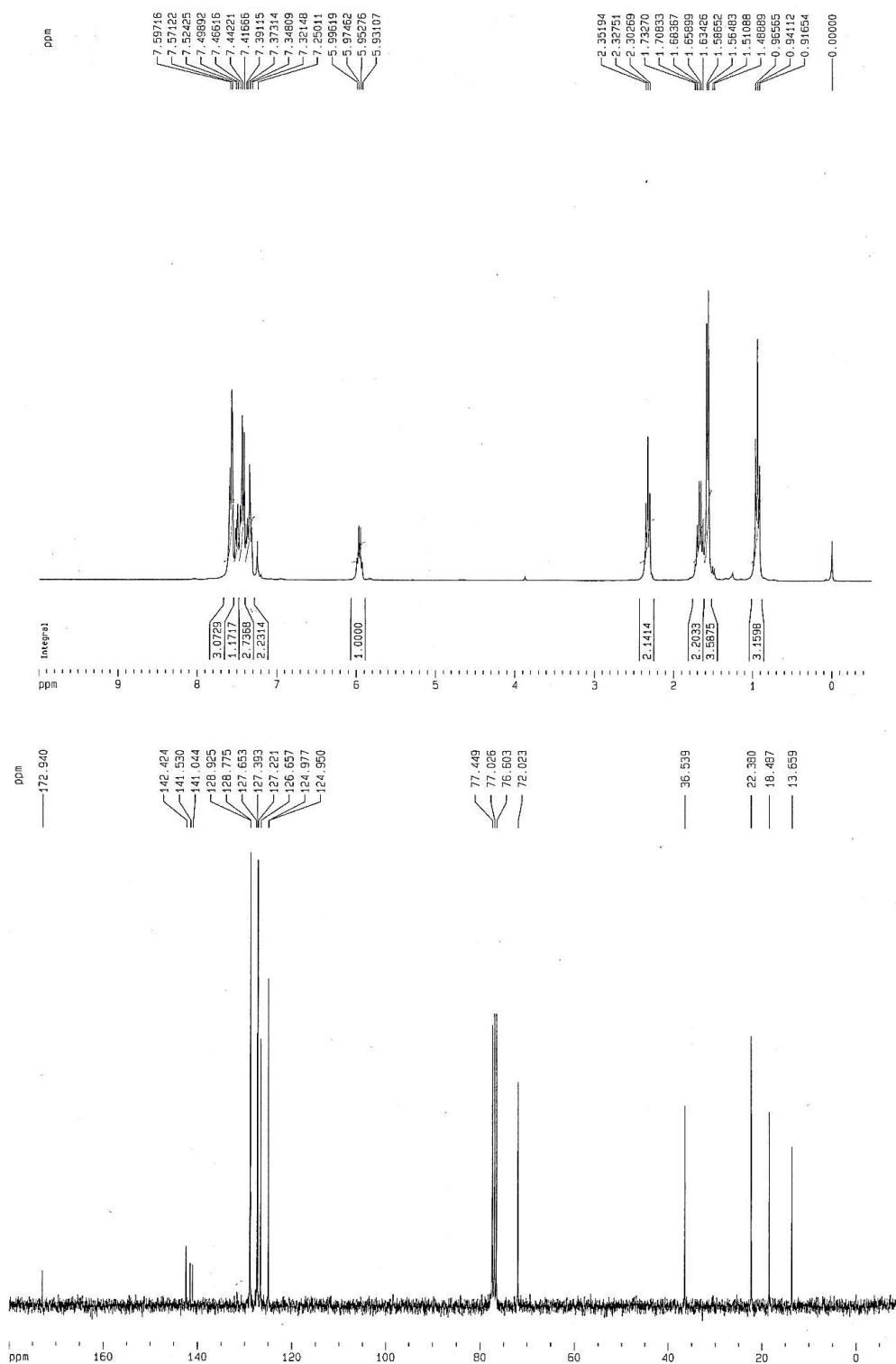


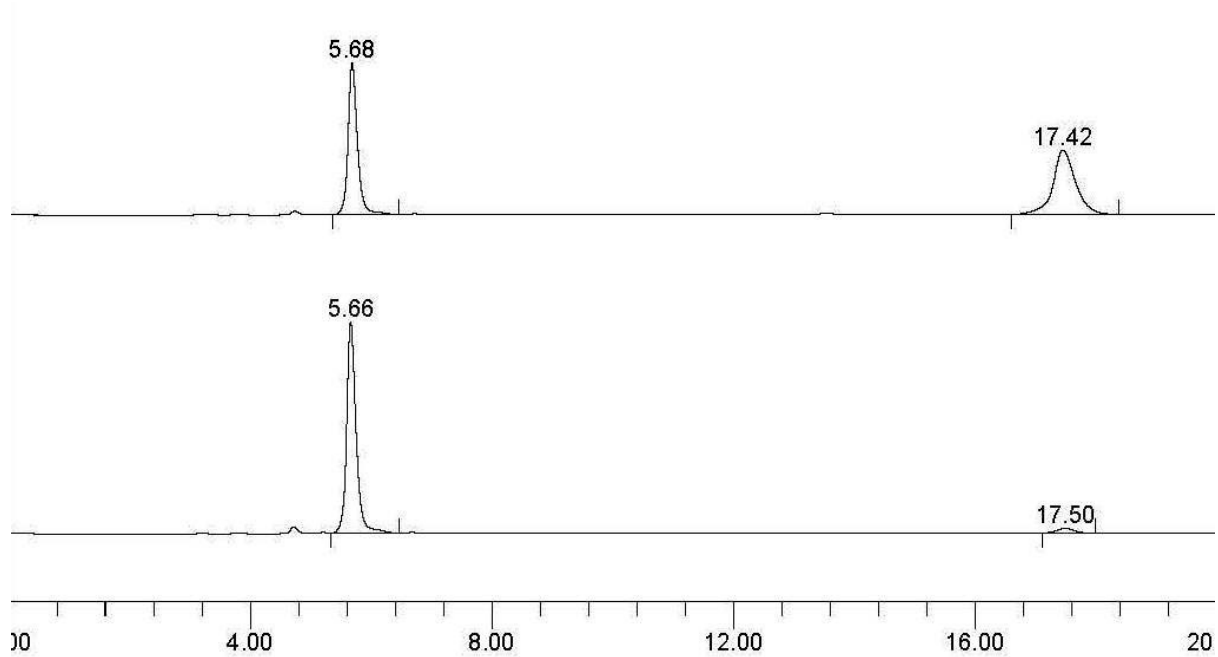


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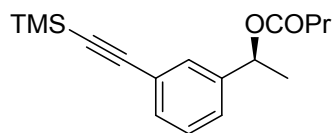


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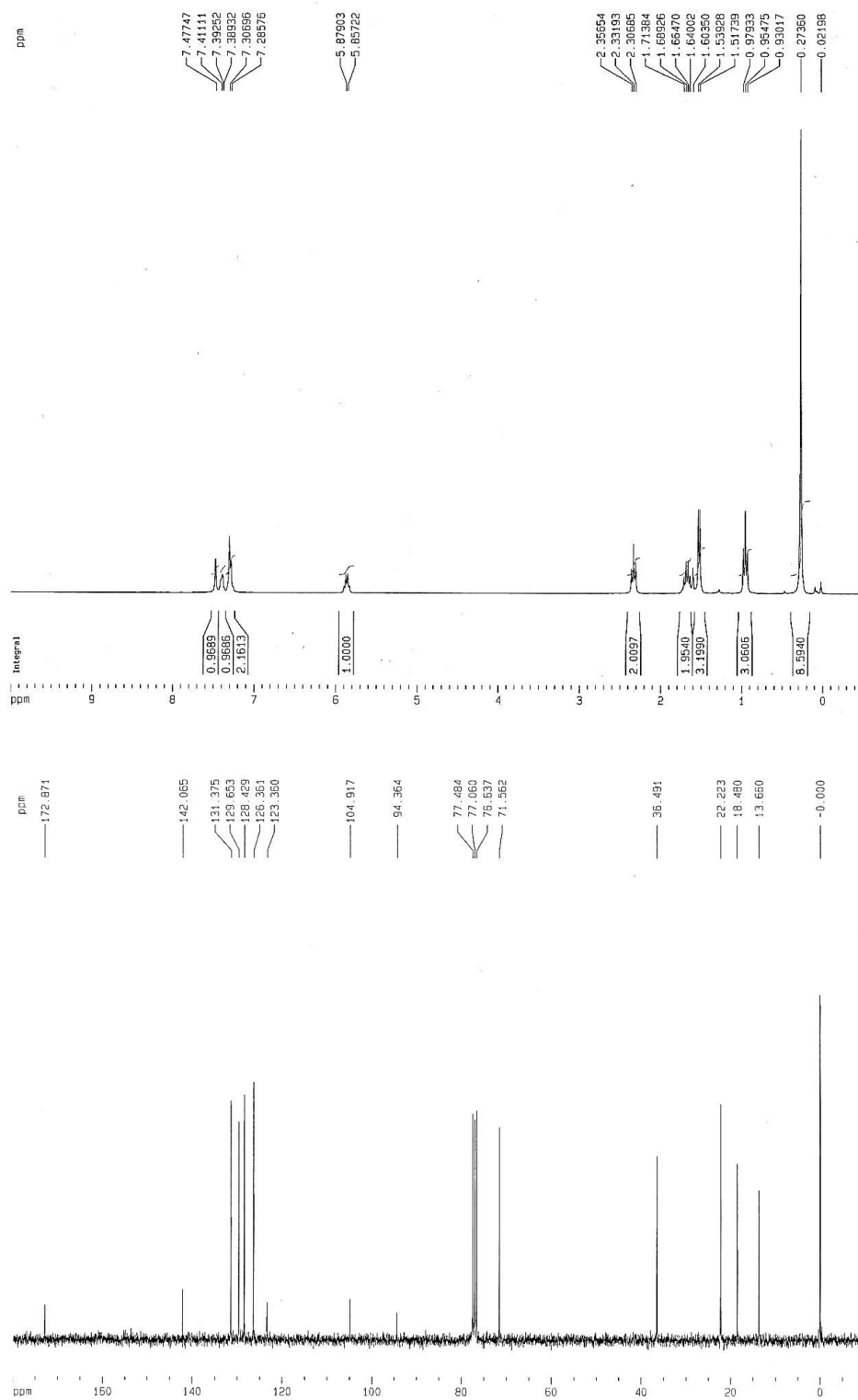


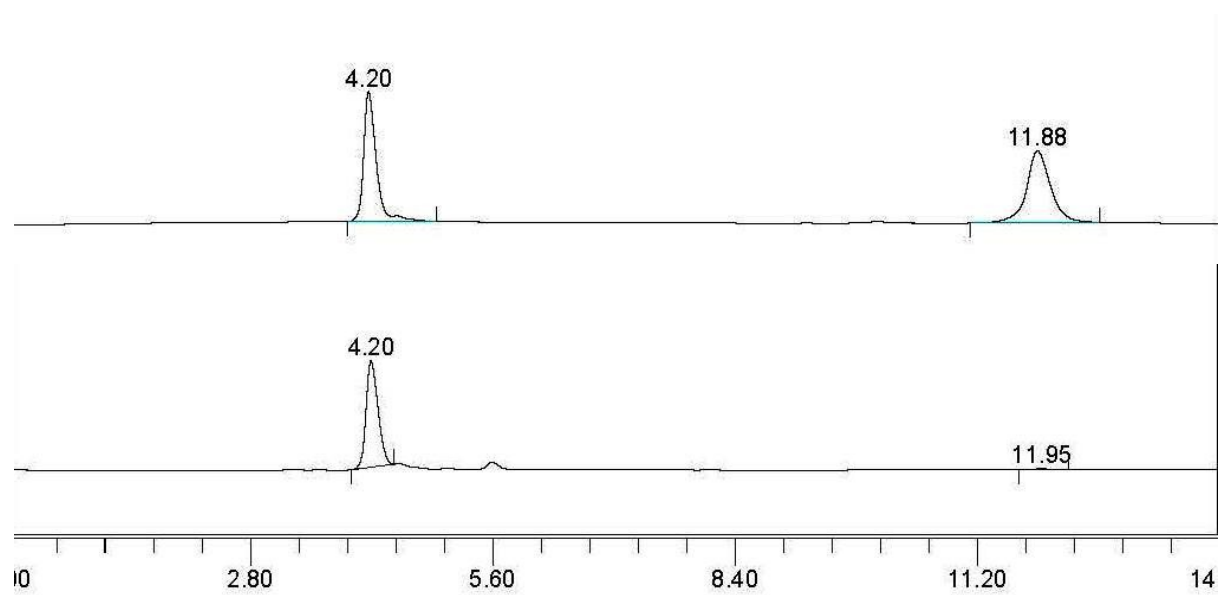


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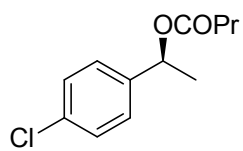


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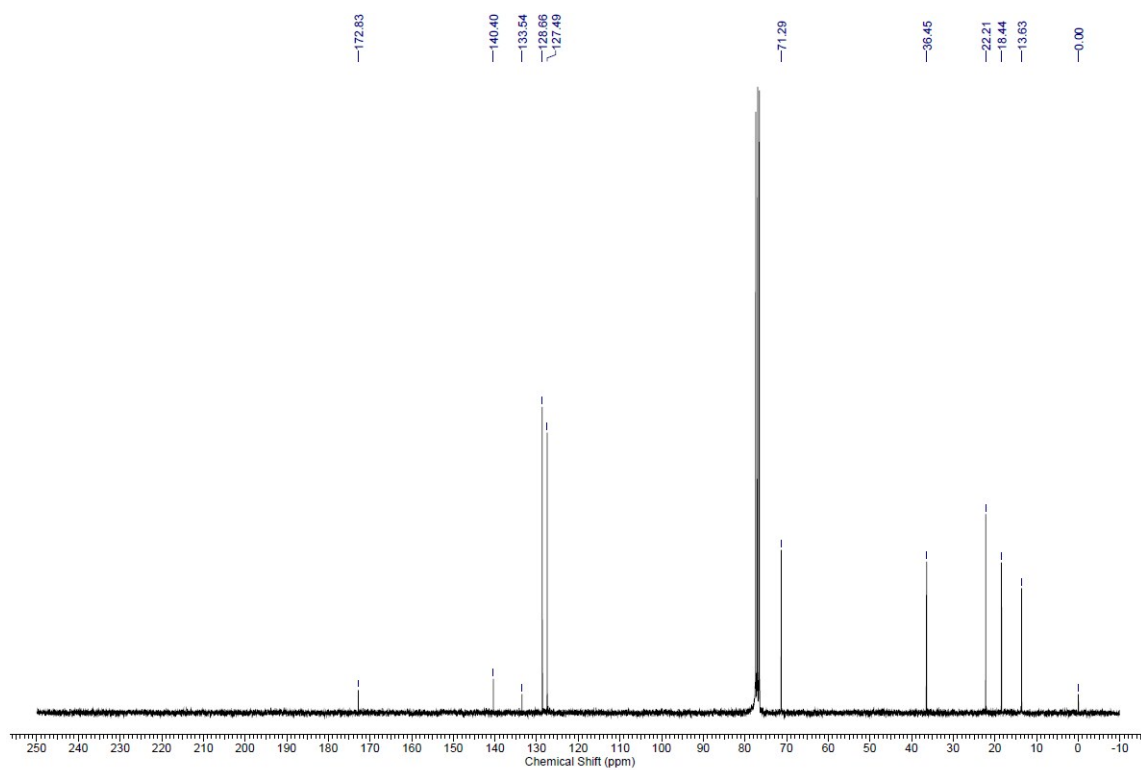
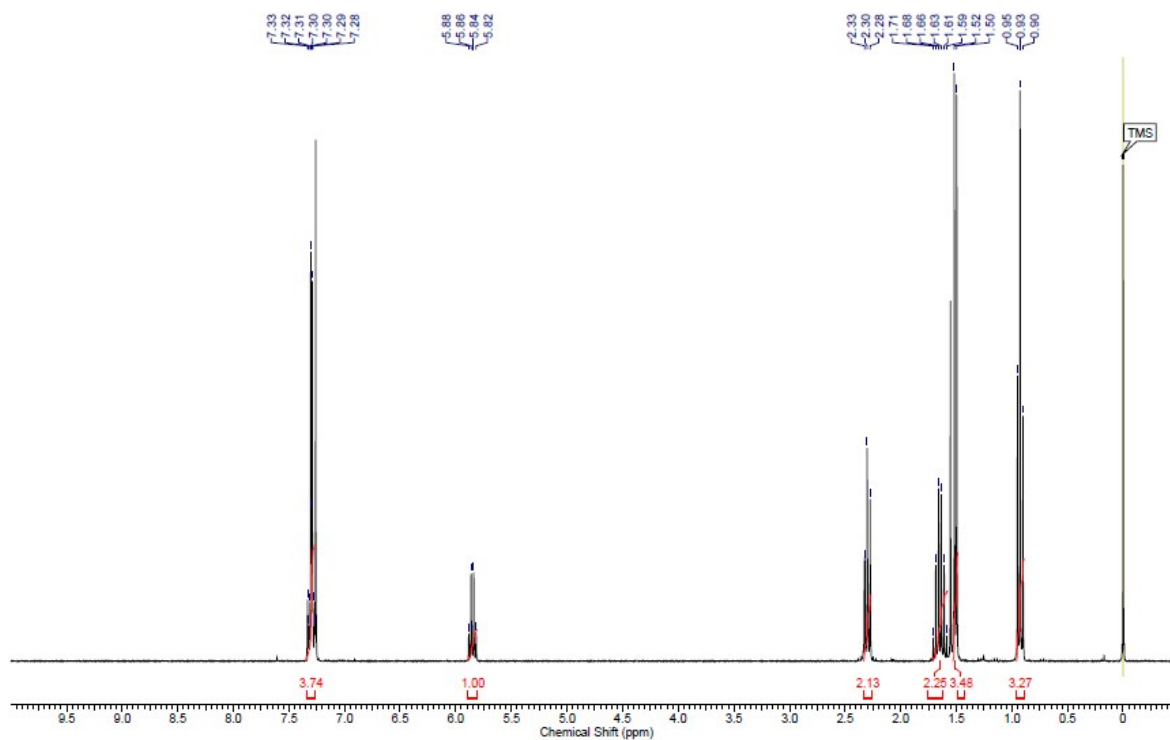


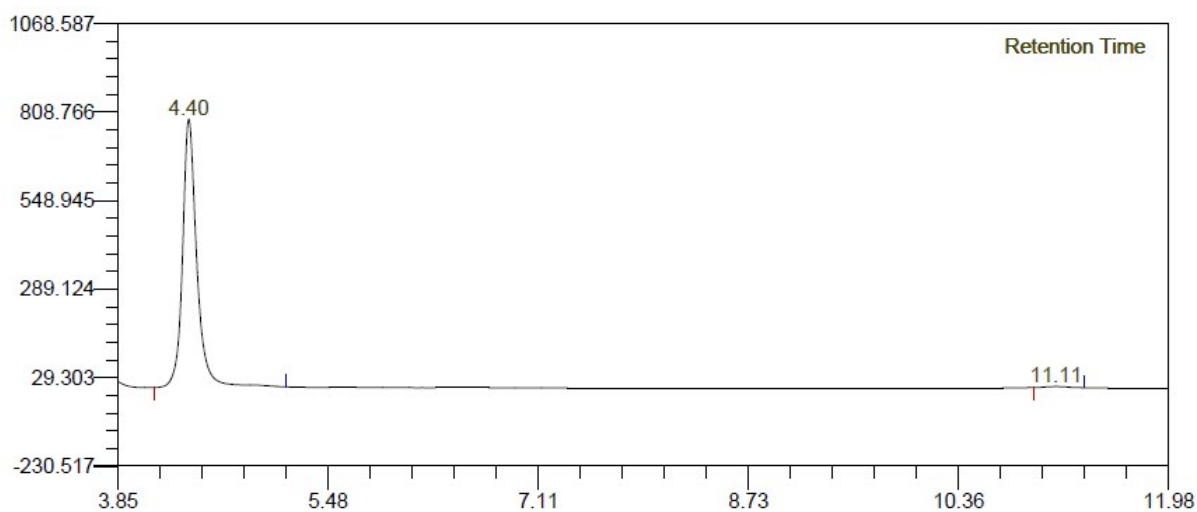
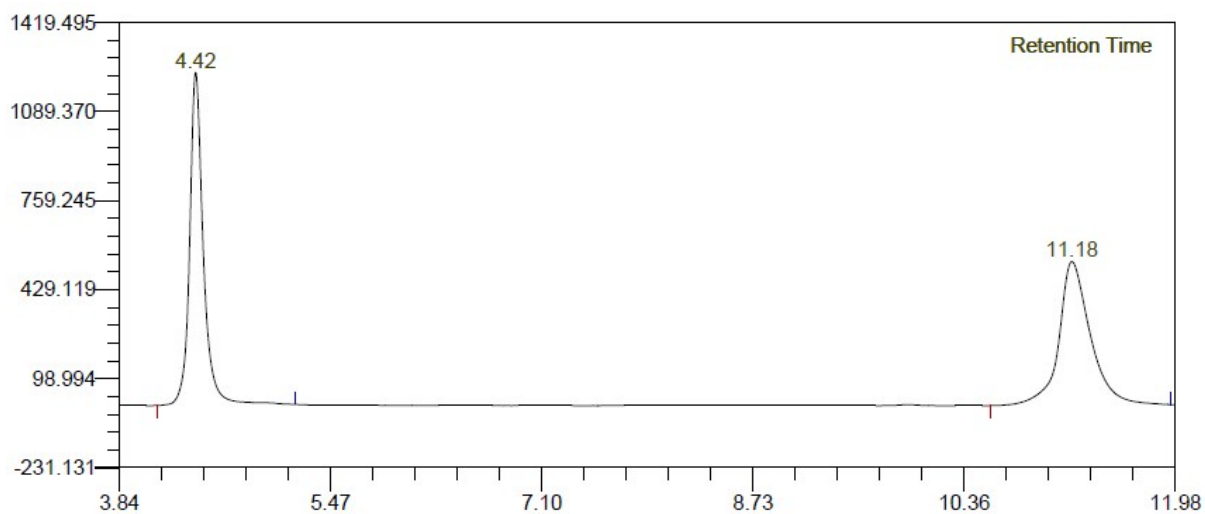


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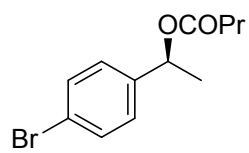


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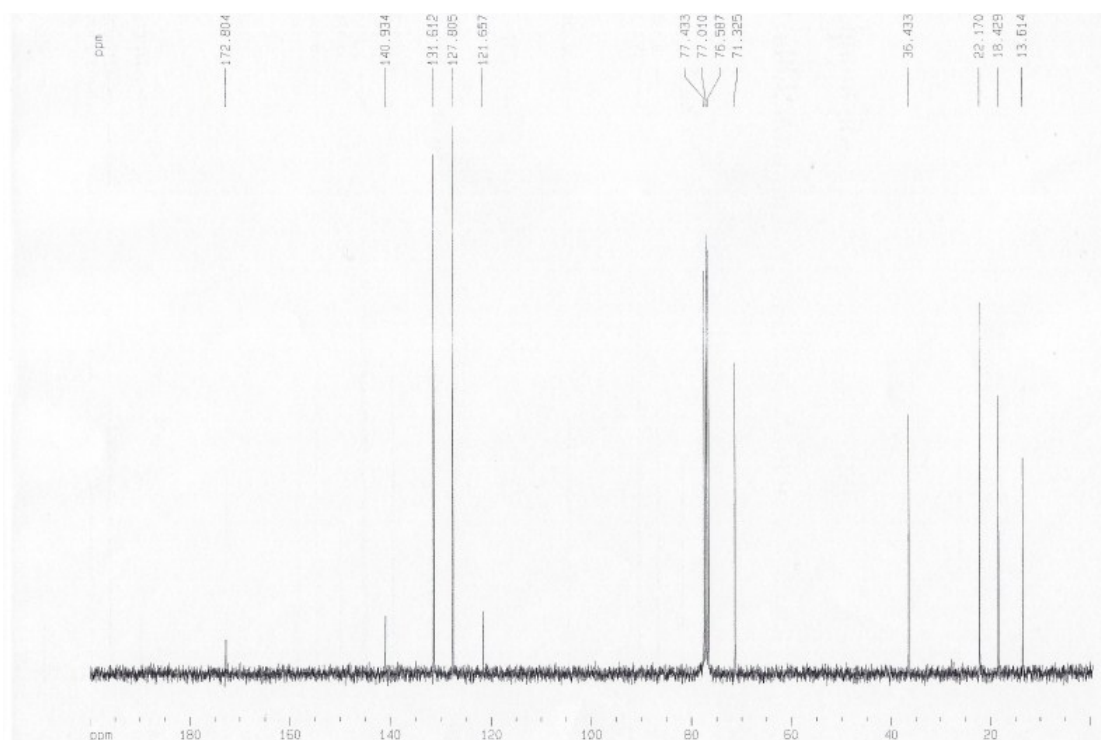
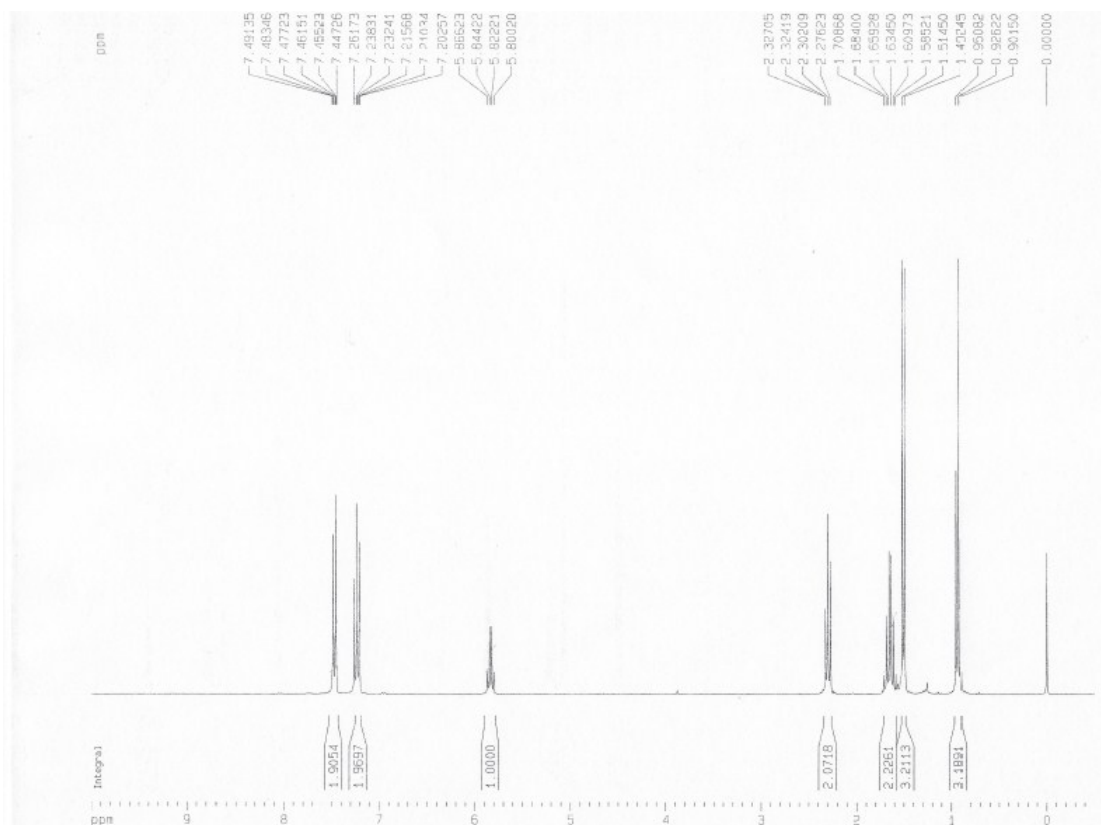


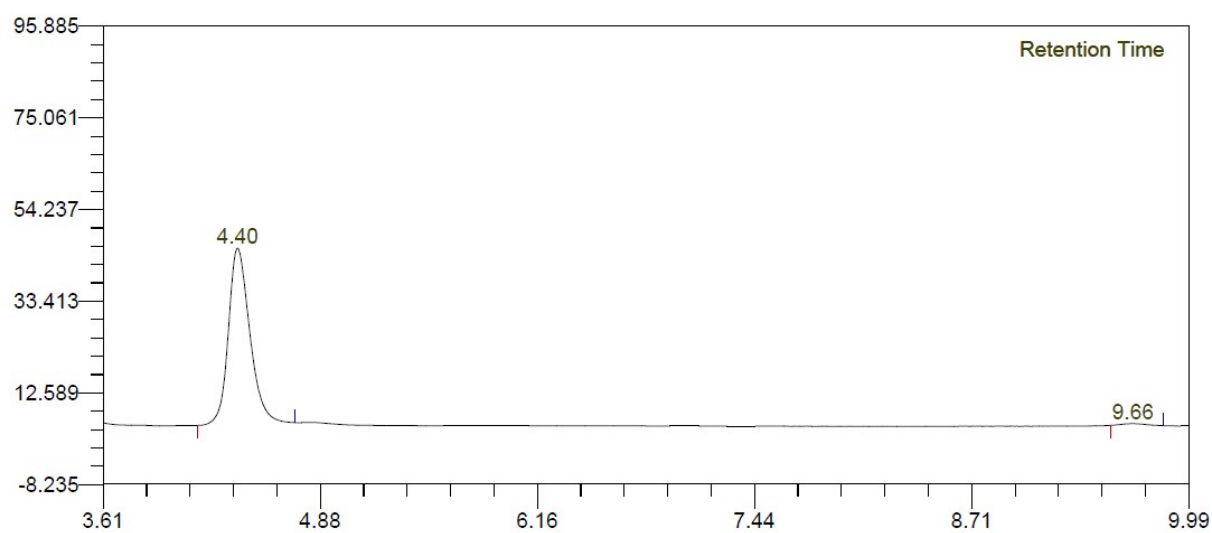
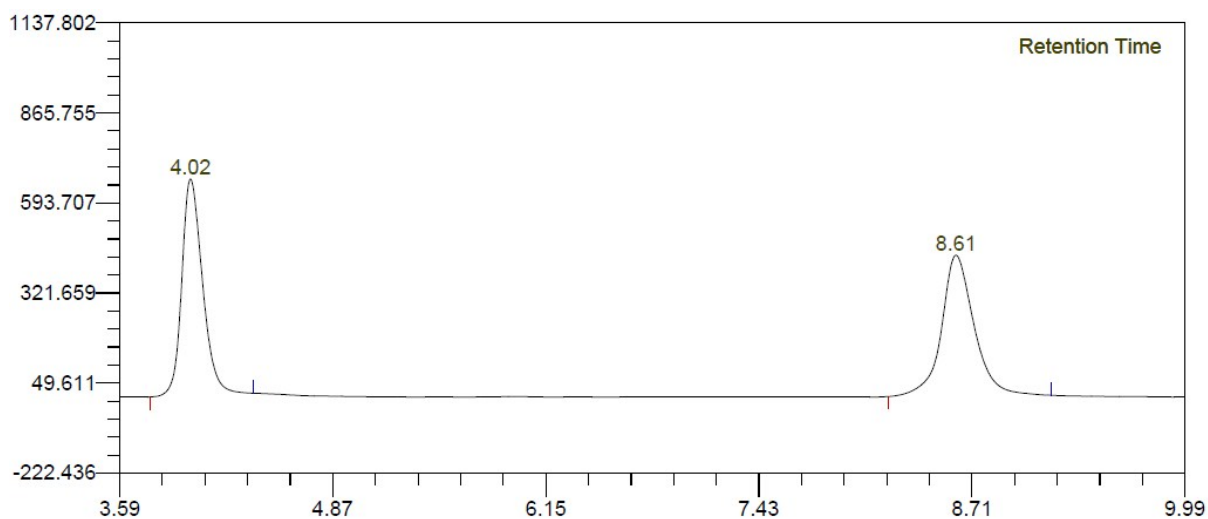


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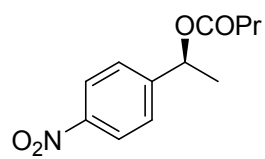


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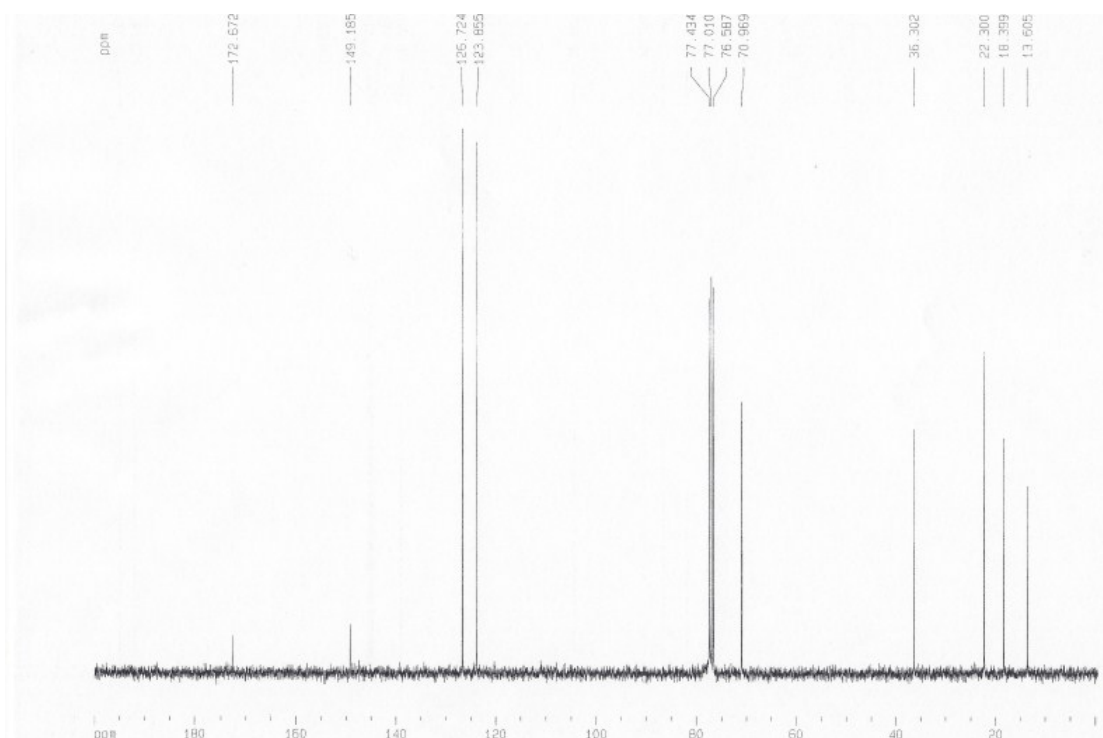
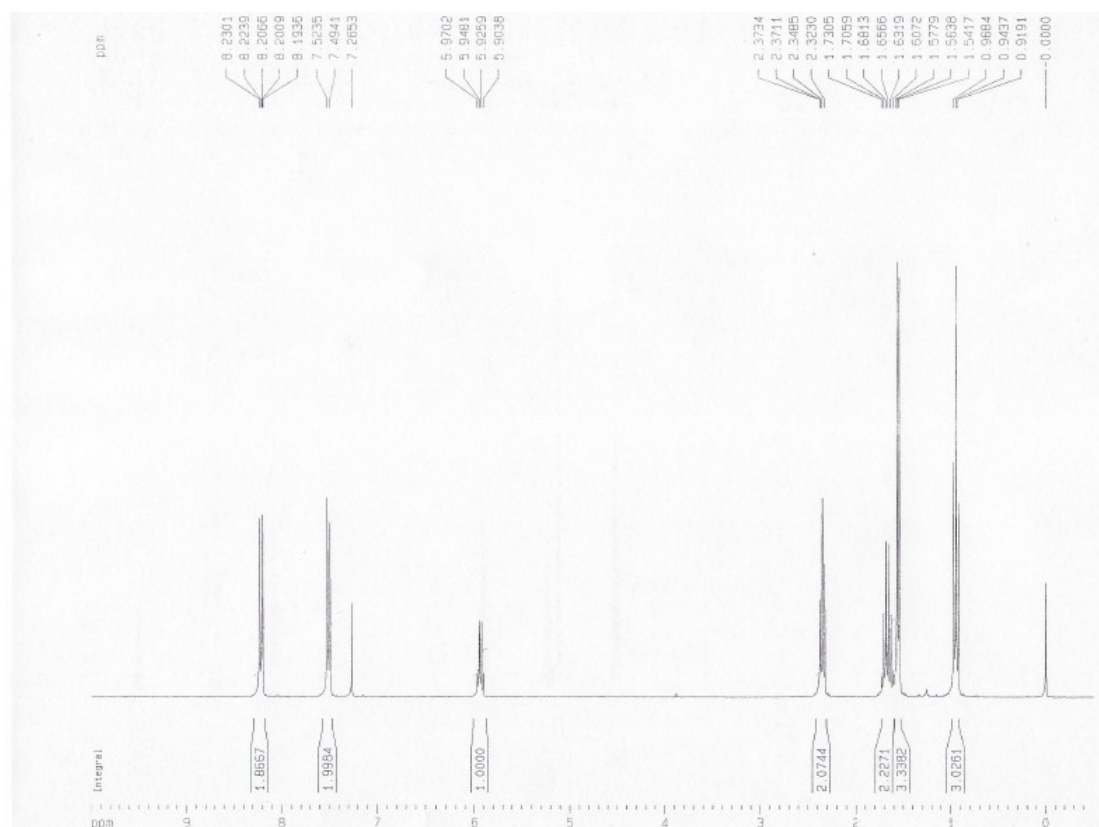


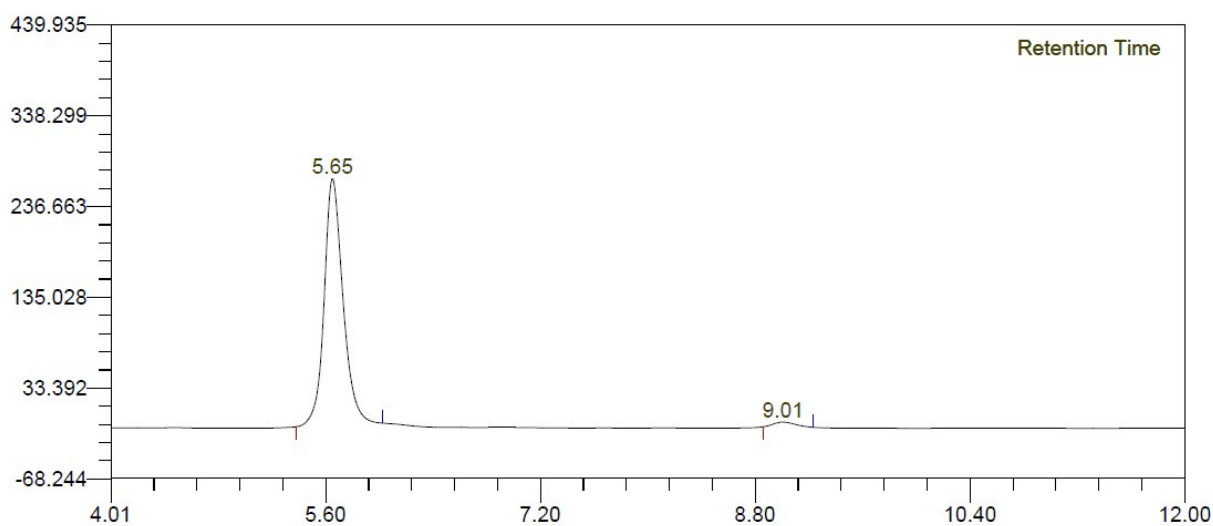
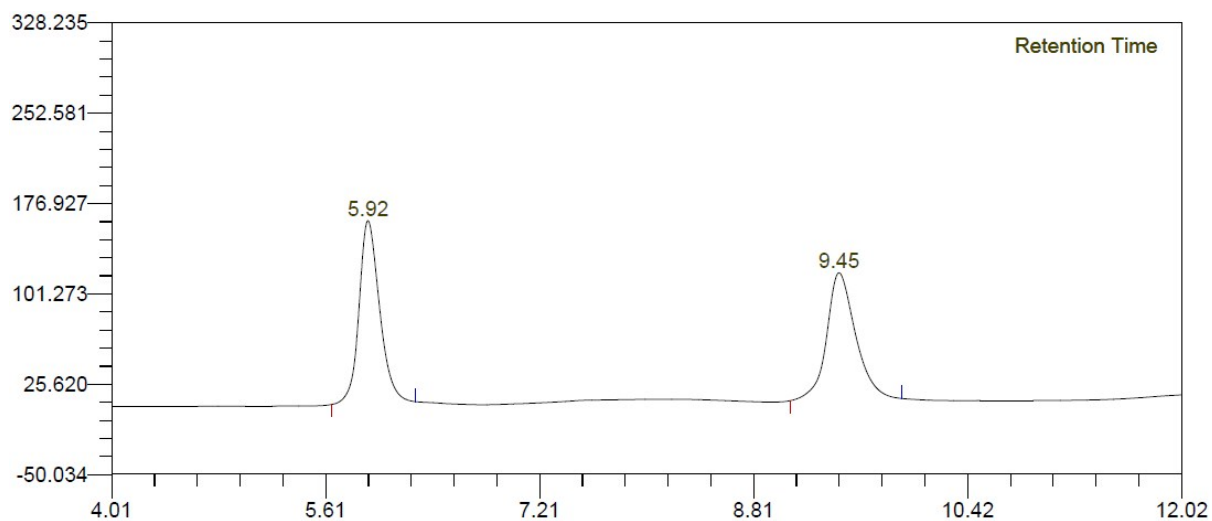


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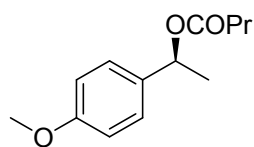


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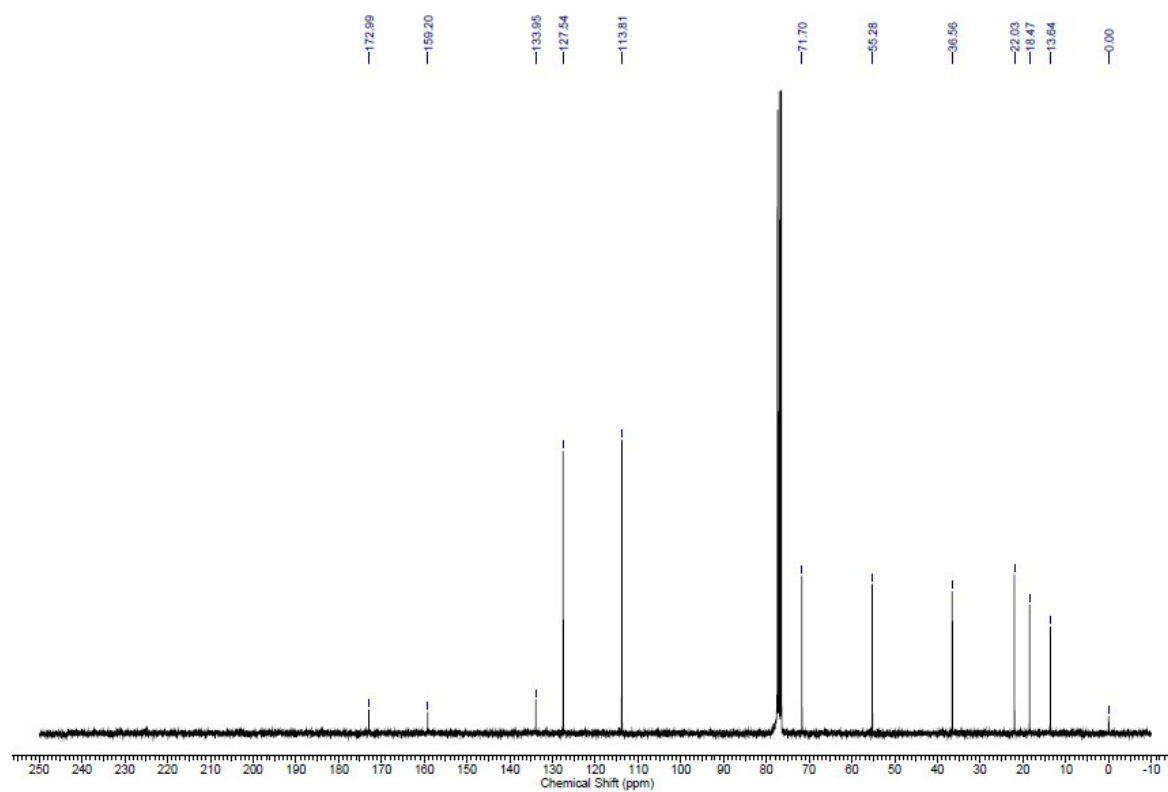
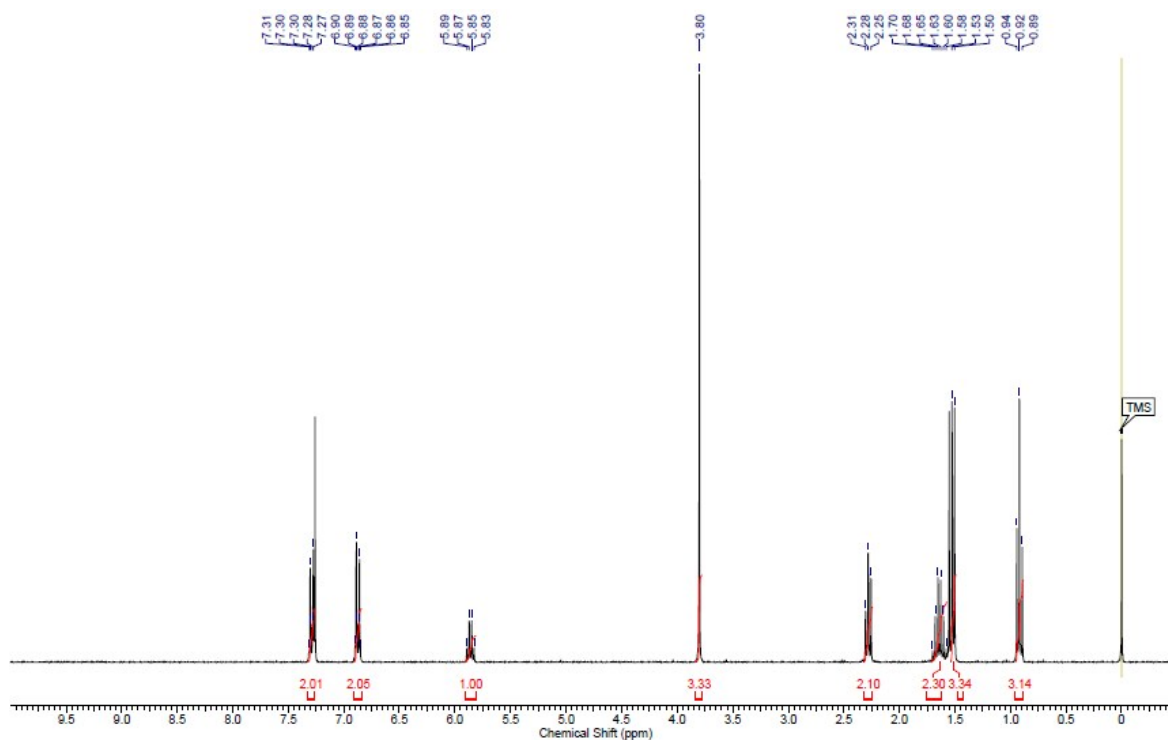


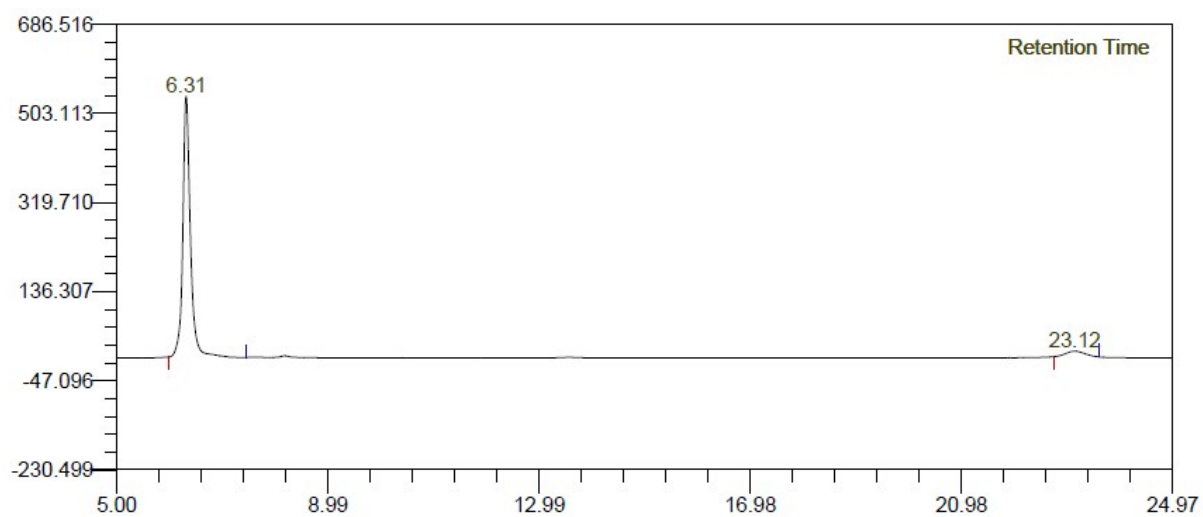
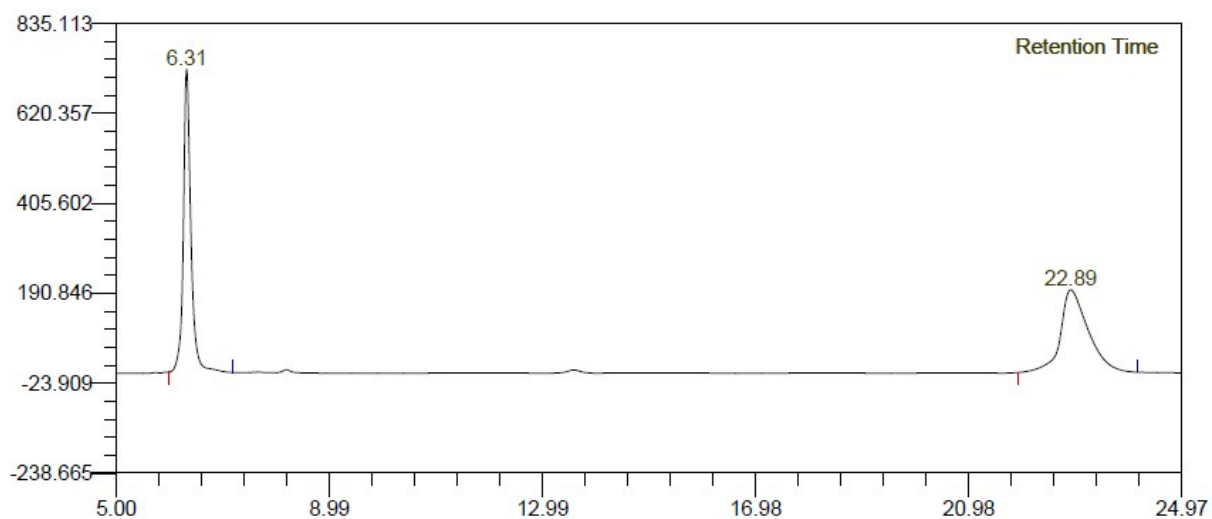


PK No.	RT	Peak Width	Area	Height	Area %	Height %	Code
1	5.654	0.142	53954042	276208	97.79859	98.07234	BB
2	9.008	0.176	1214483	5429	2.20141	1.92766	BB

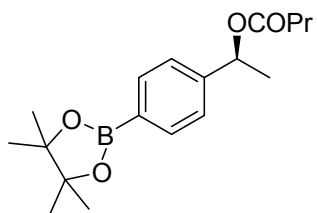


(S)-4d-Bu

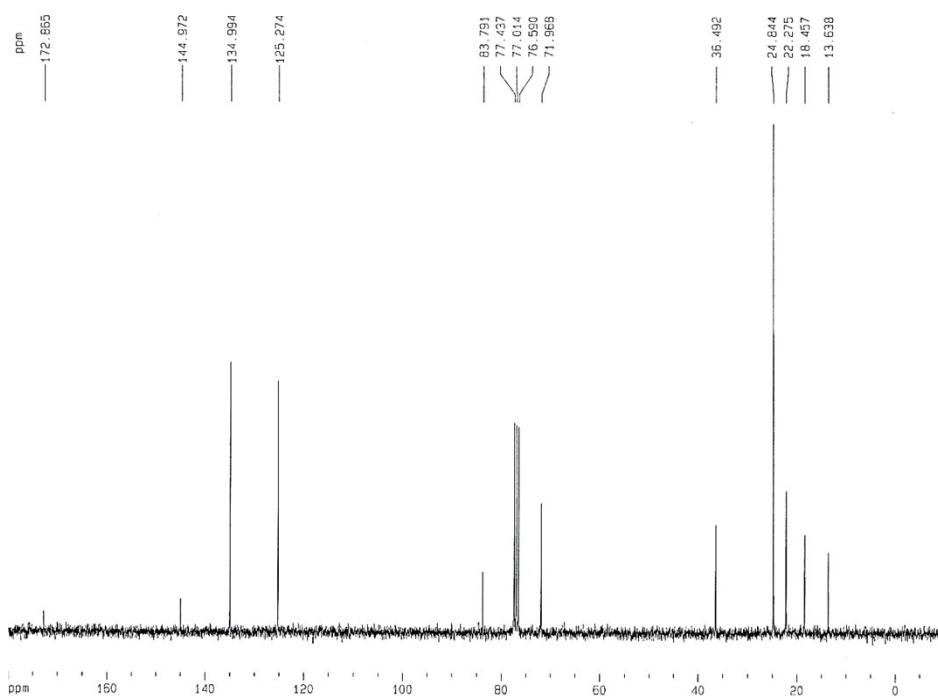
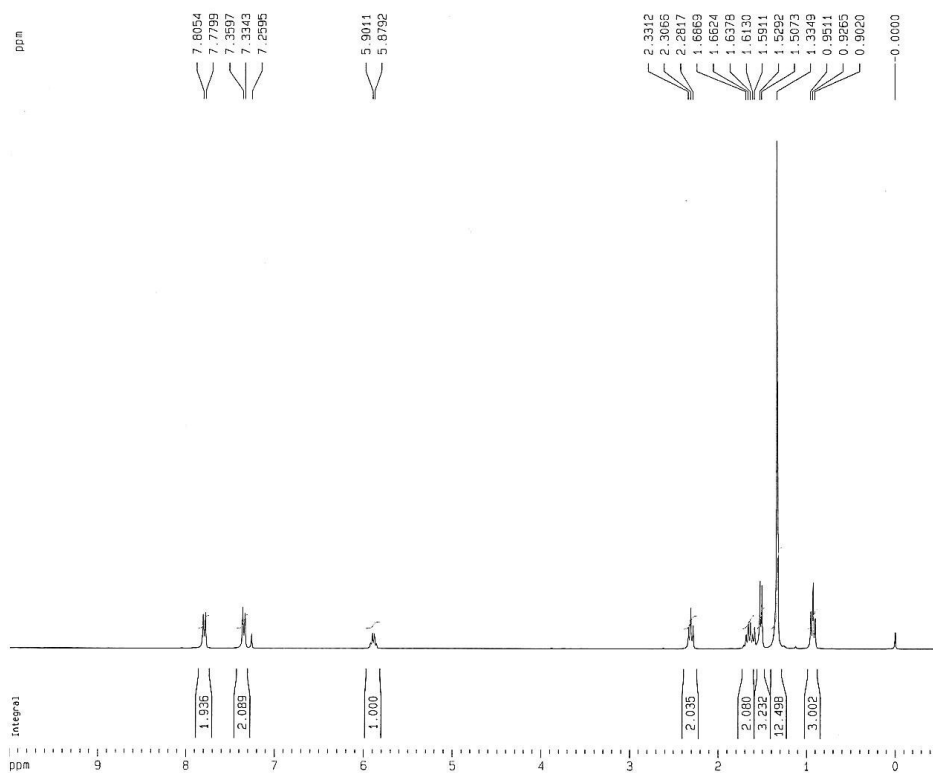


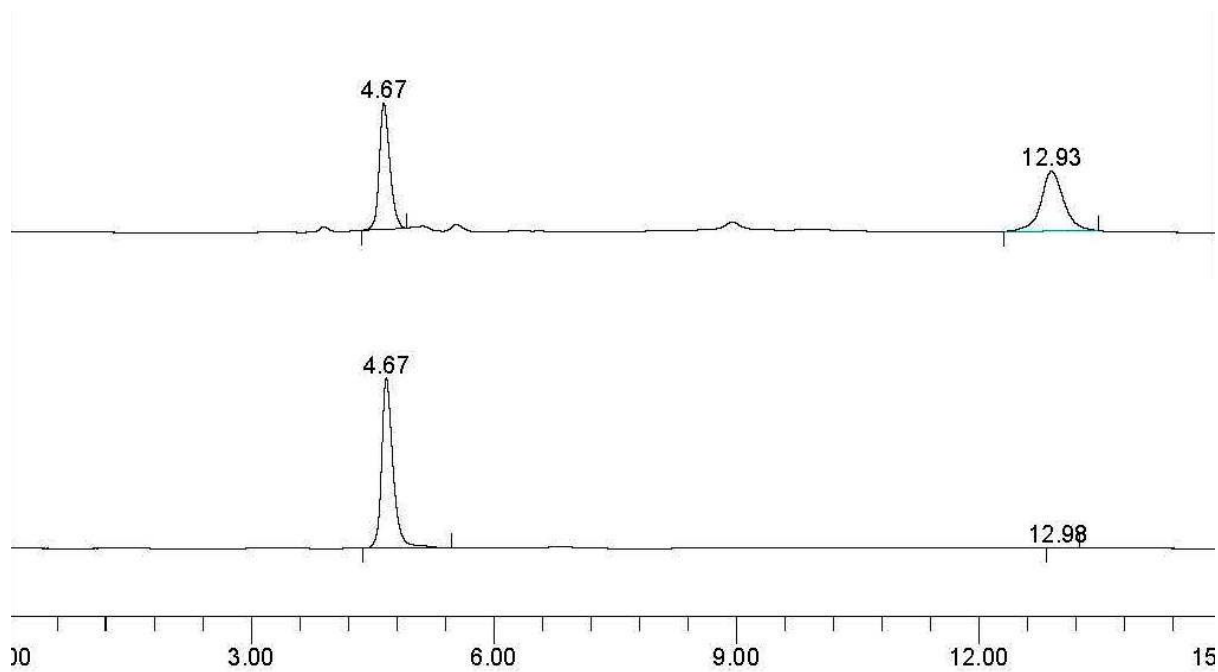


PK No.	RT	Peak Width	Area	Height	Area %	Height %	Code
1	6.309	0.138	107740974	536699	95.05863	97.91276	tep-BB
2	23.120	0.387	5600627	11441	4.94137	2.08724	tep-BB

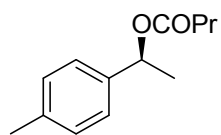


(S)-4e-Bu

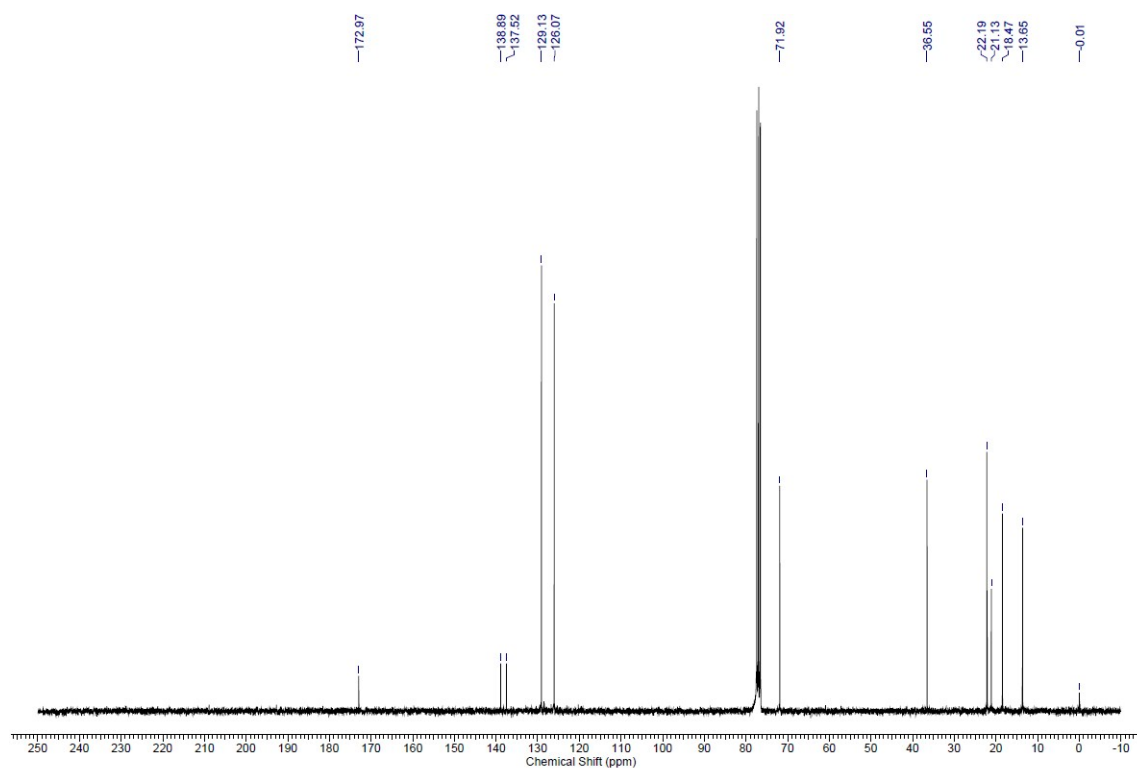
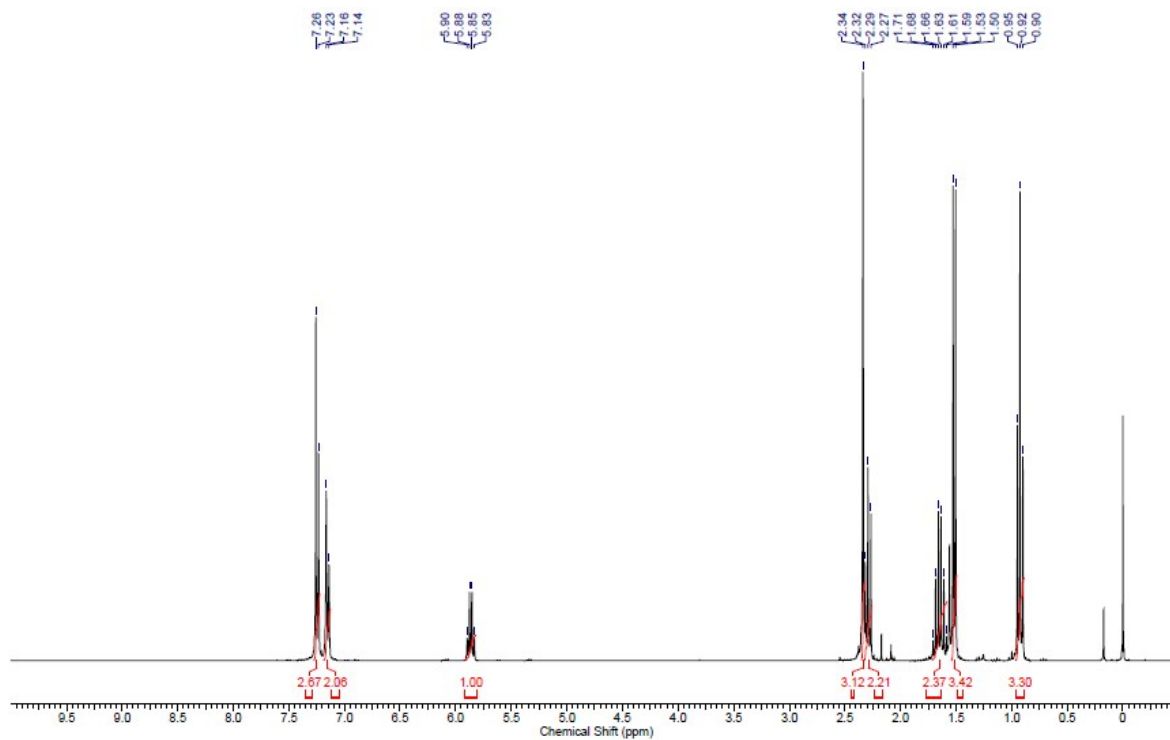


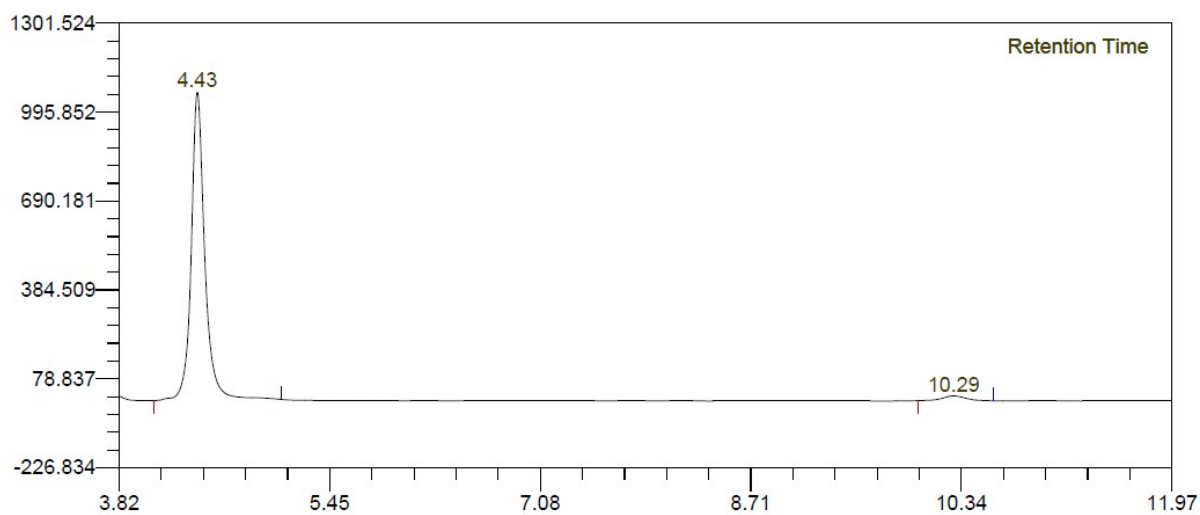
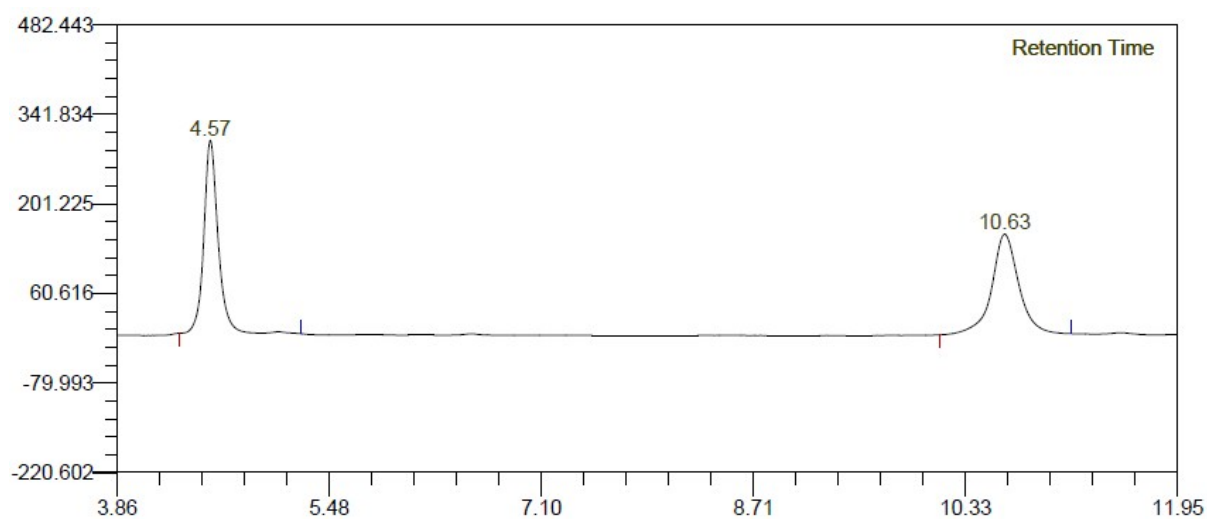


PK No.	RT	Peak Width	Area	Height	Area %	Height %	Code
1	4.672	0.140	119703051	608699	99.58969	99.68556	BB
2	12.982	0.167	493175	1920	0.41031	0.31444	BB

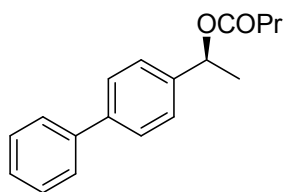


(S)-4f-Bu

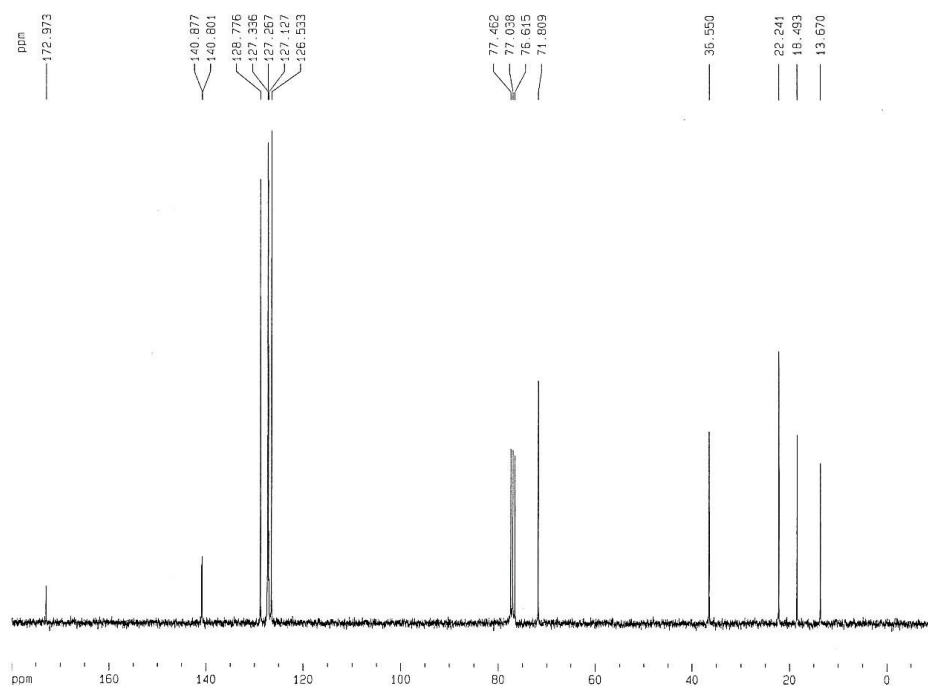
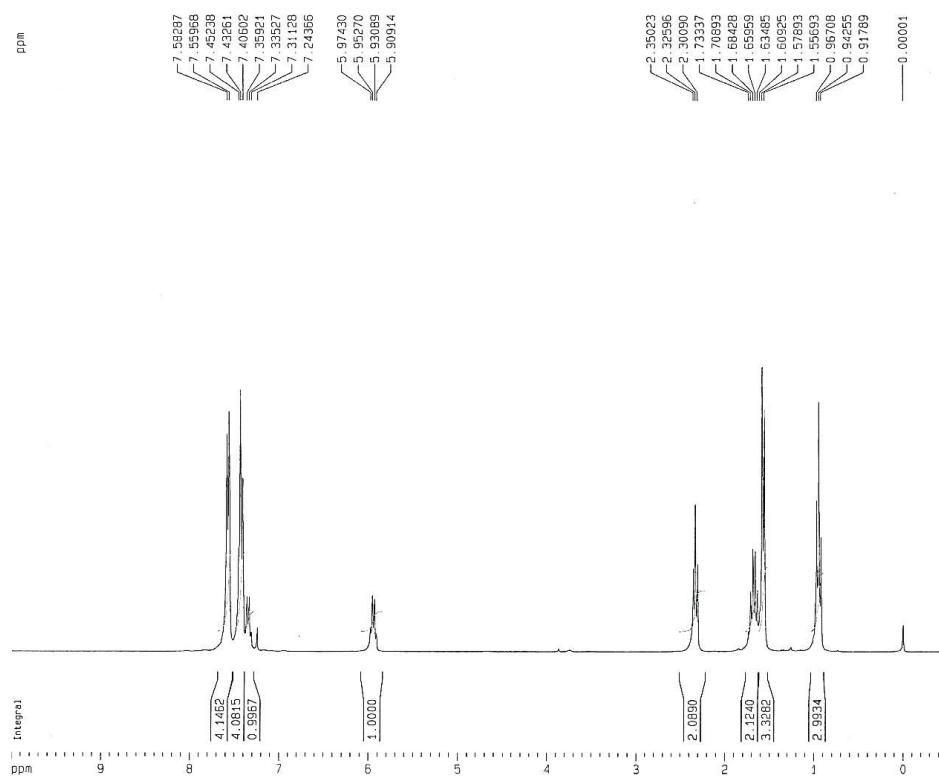


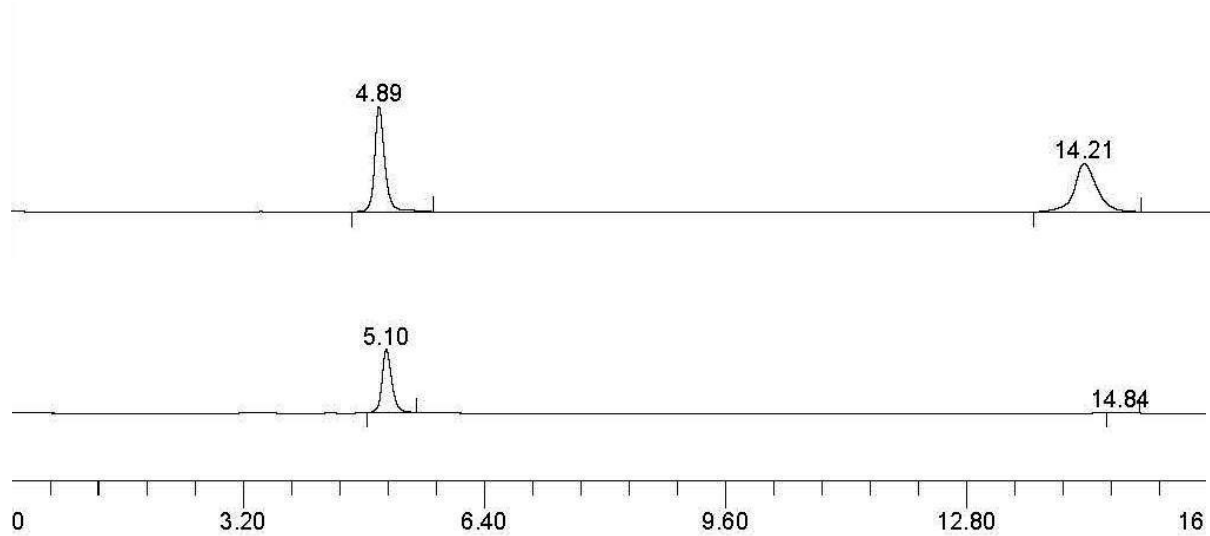


PK No.	RT	Peak Width	Area	Height	Area %	Height %	Code
1	4.427	0.101	155737540	1059200	97.41255	98.45303	tep-BB
2	10.286	0.185	4136661	16643	2.58745	1.54697	BB

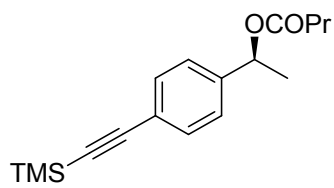


(S)-4g-Bu

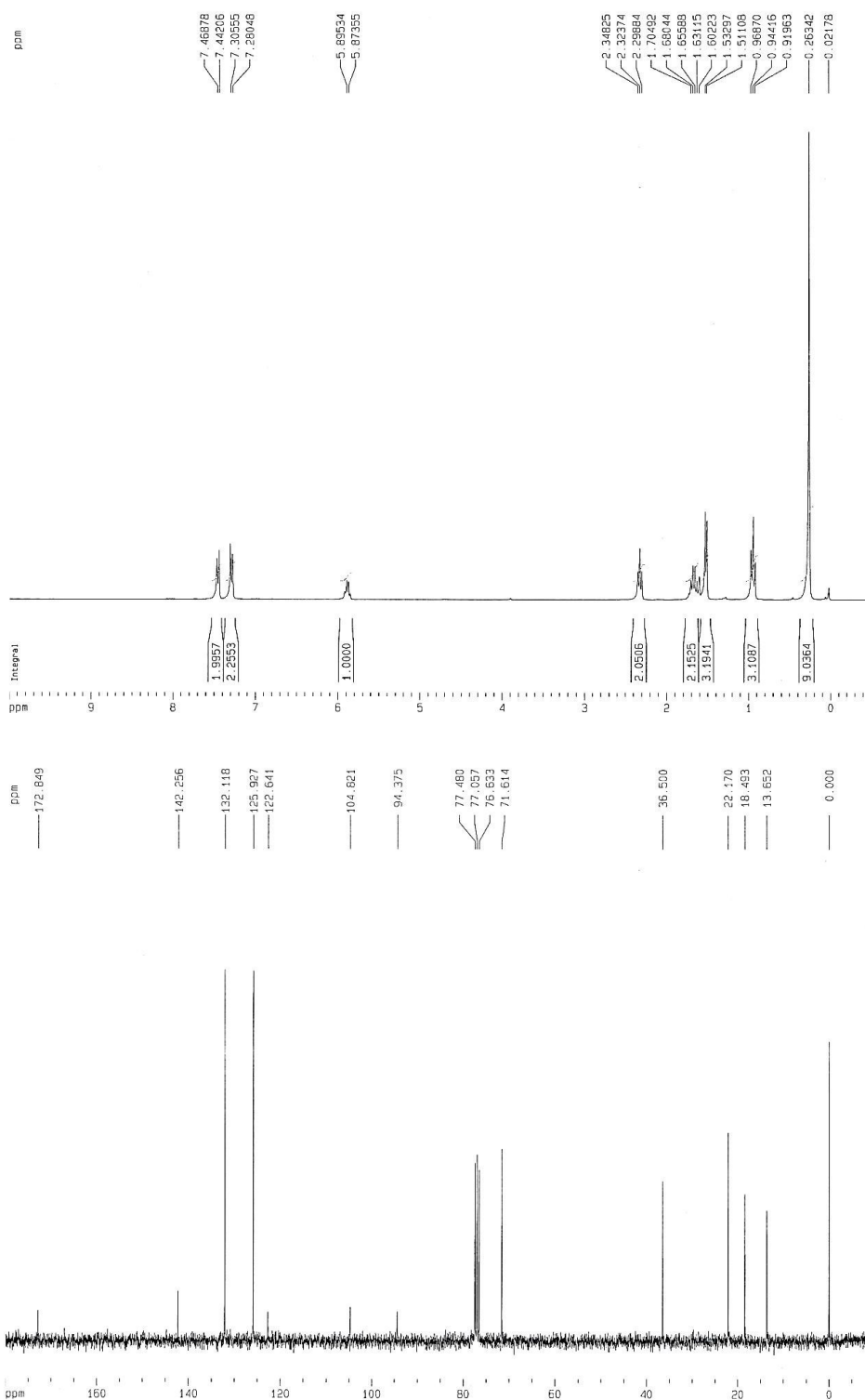


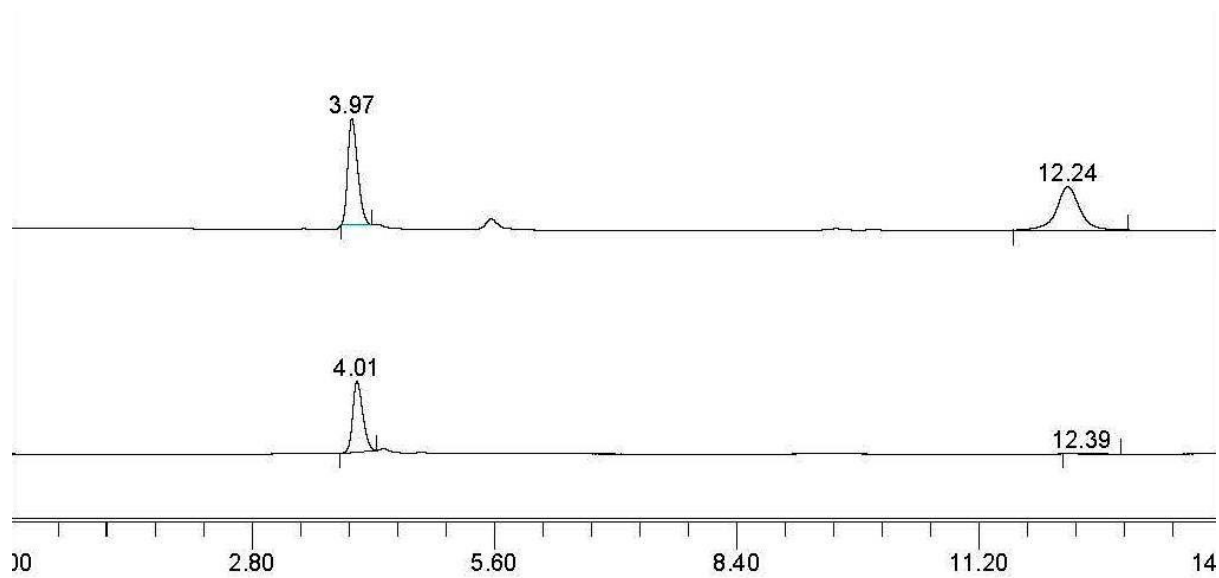


PK No.	RT	Peak Width	Area	Height	Area %	Height %	Code
1	5.101	0.133	40934874	226457	98.48878	99.00755	BB
2	14.842	0.207	628108	2270	1.51122	0.99245	BB

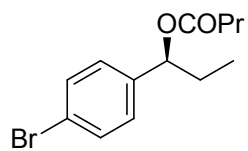


(S)-4h-Bu

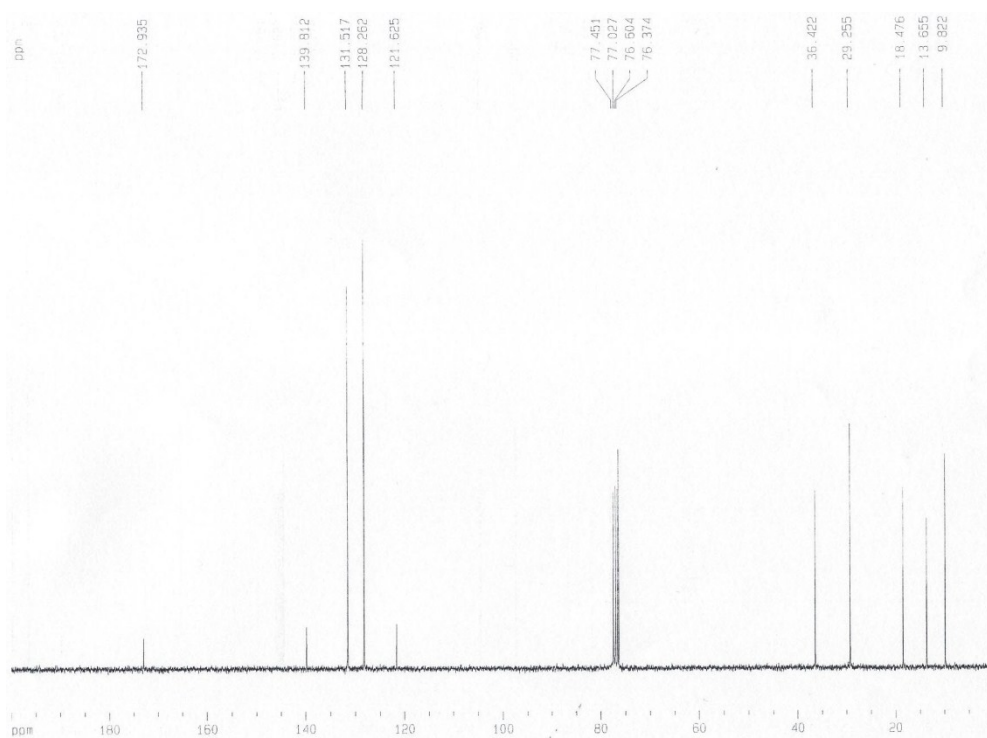
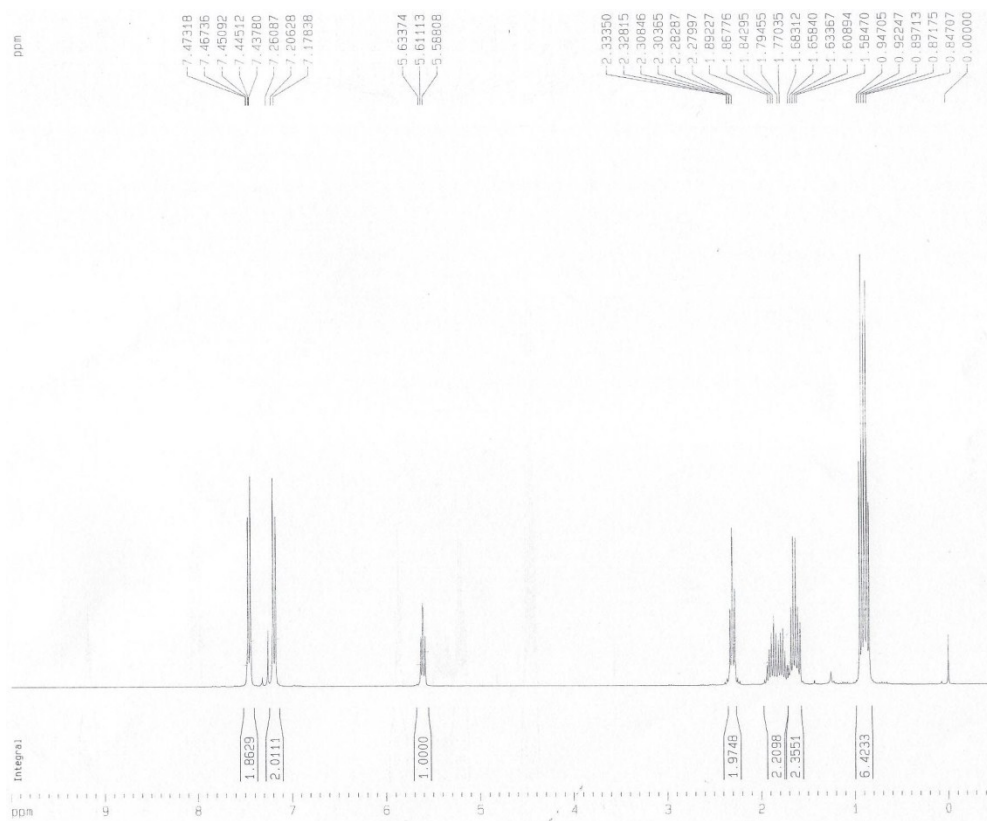


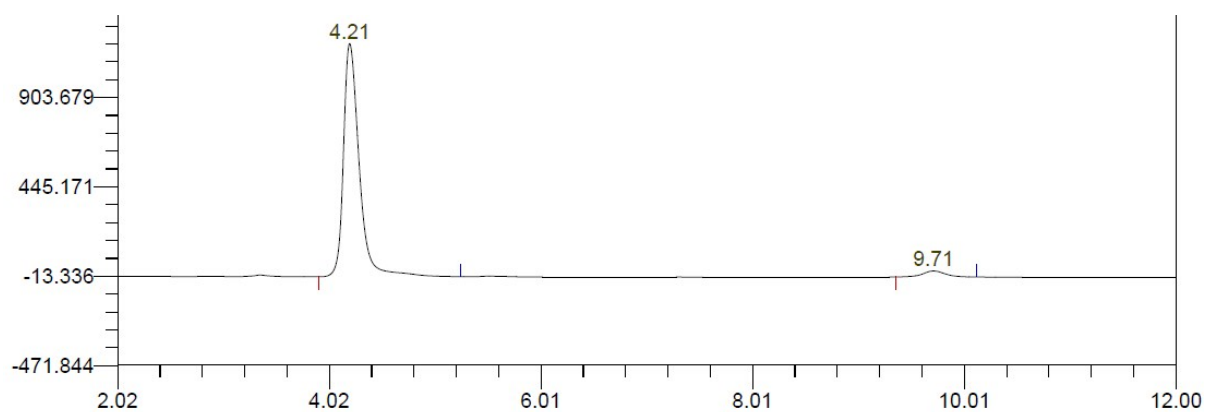
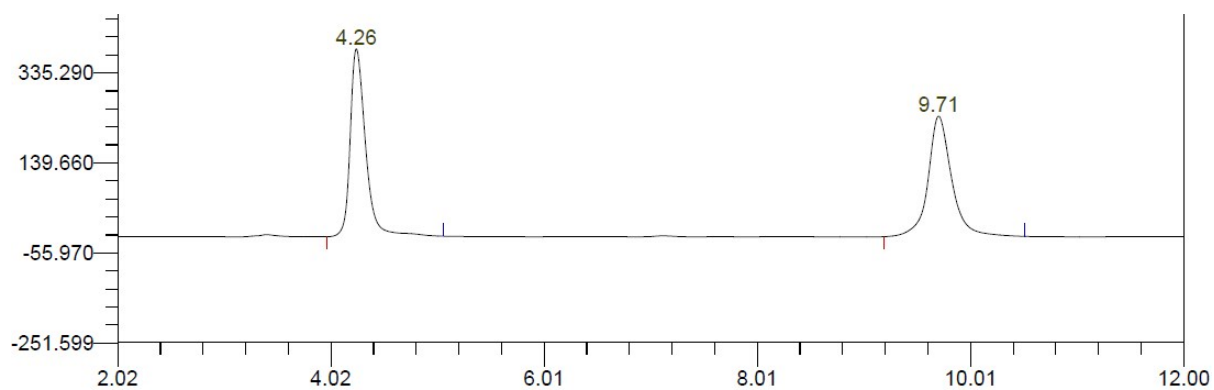


PK No.	RT	Peak Width	Area	Height	Area %	Height %	Code
1	4.014	0.123	20625988	126961	99.42402	99.67654	BB
2	12.389	0.222	119490	412	0.57598	0.32346	BB

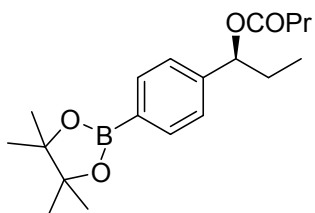


(S)-4i-Bu

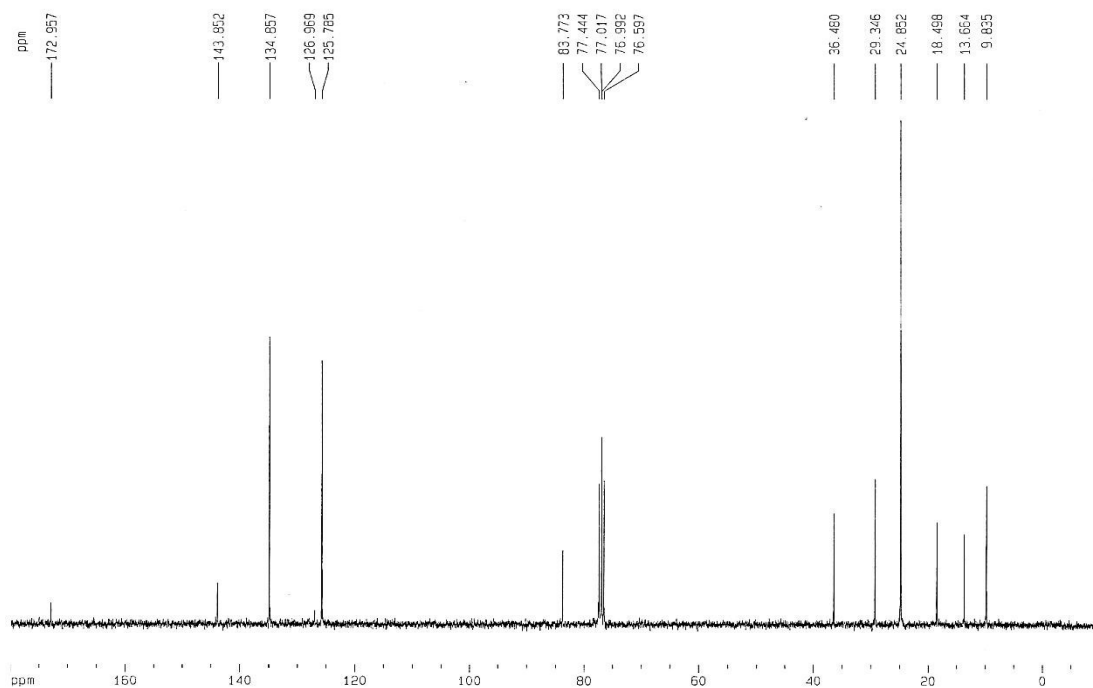
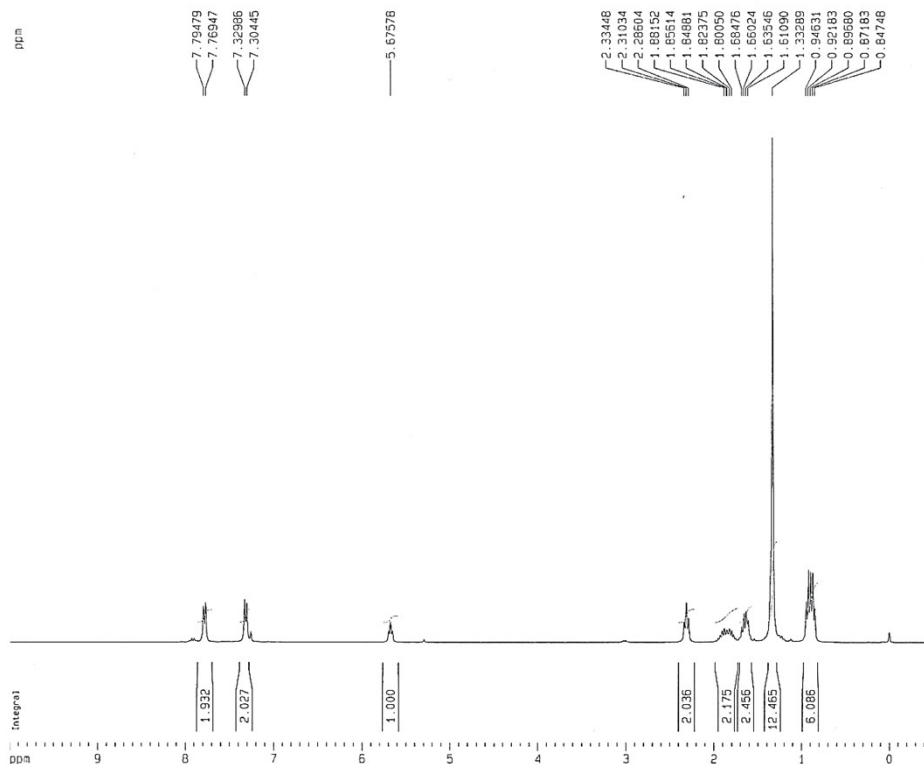


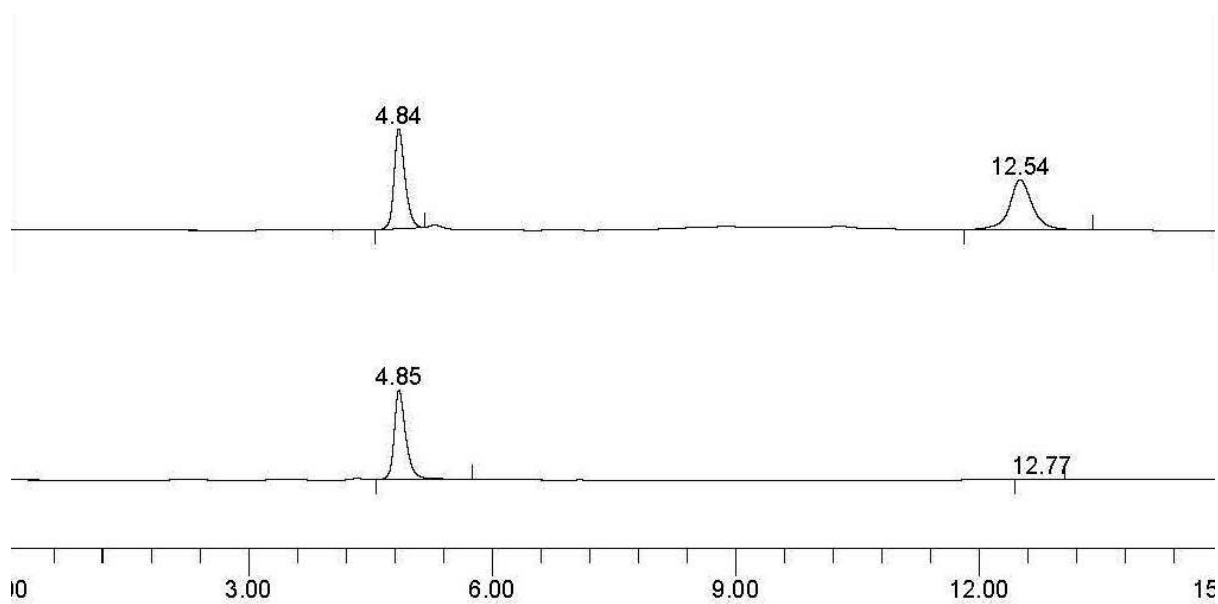


PK No.	RT	Peak Width	Area	Height	Area %	Height %	Code
1	4.210	0.149	247559819	1196663	96.50828	97.49489	BB
2	9.715	0.215	8956854	30748	3.49172	2.50511	BB

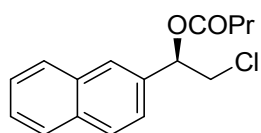


(S)-4j-Bu

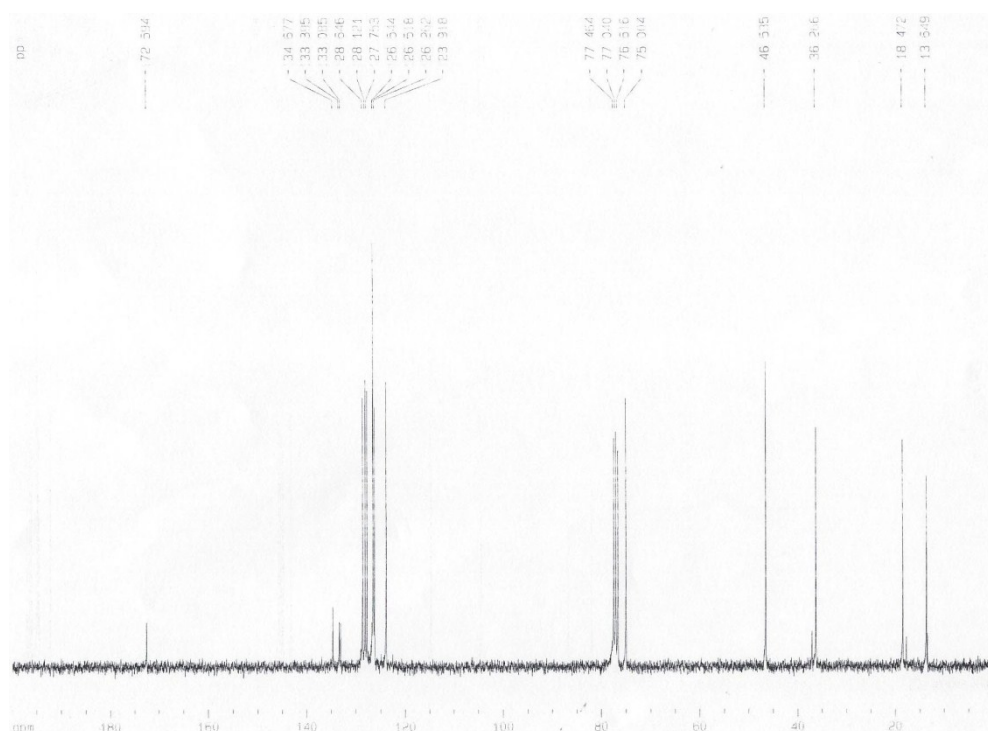
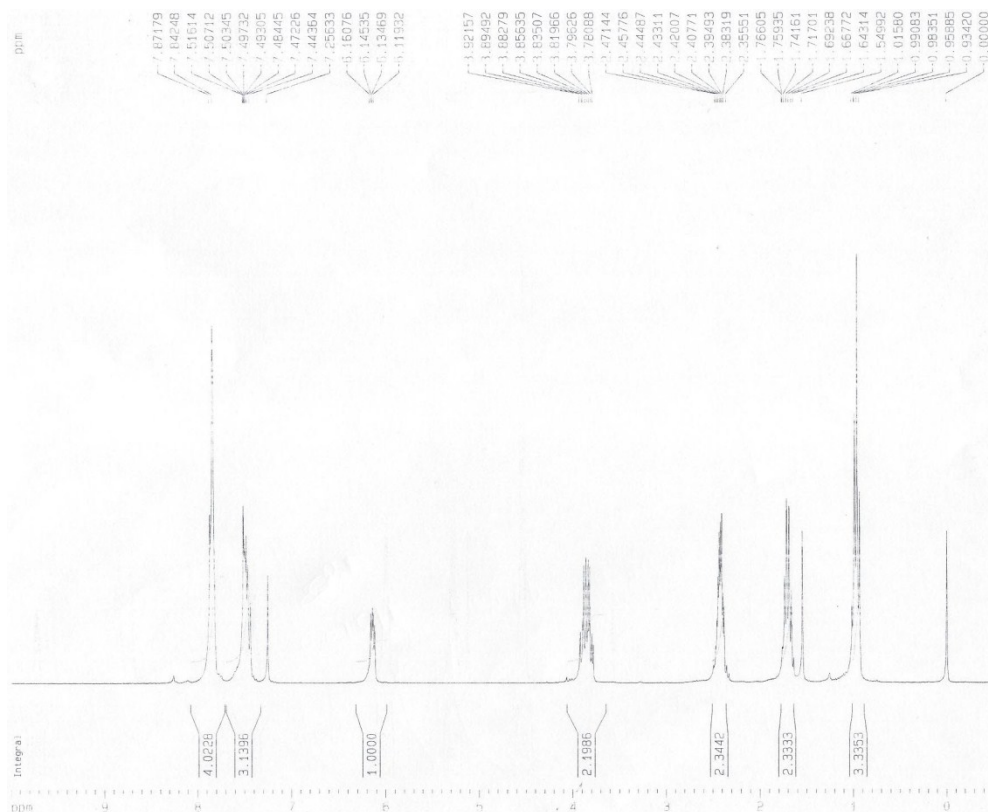


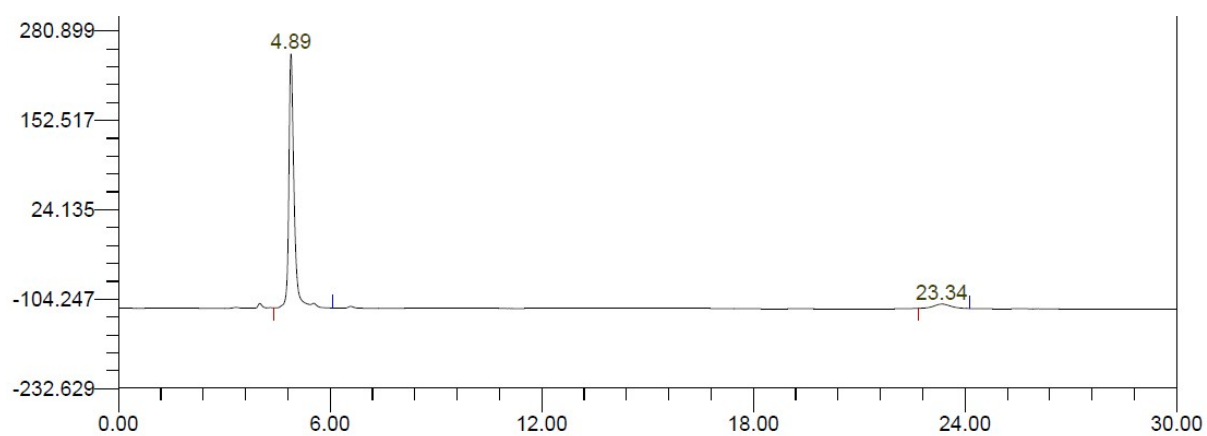
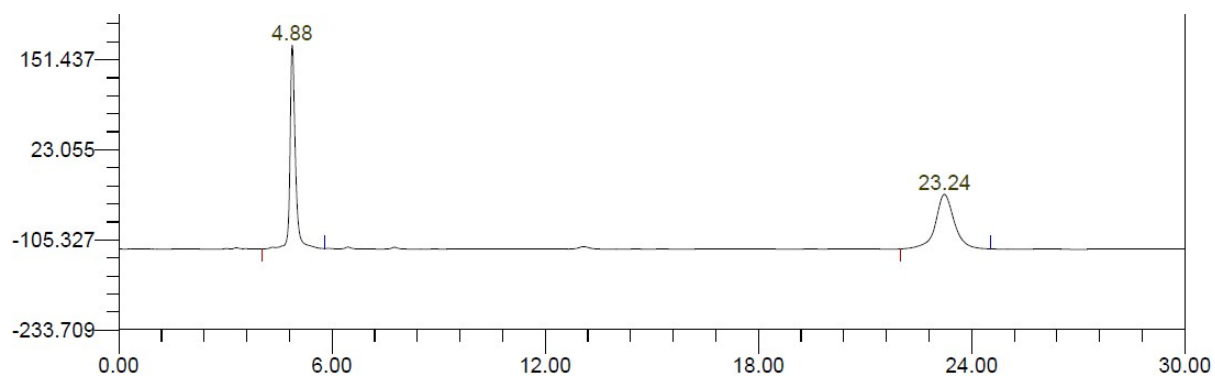


PK No.	RT	Peak Width	Area	Height	Area %	Height %	Code
1	4.854	0.144	64927996	319486	99.11718	99.44997	BB
2	12.774	0.224	578306	1767	0.88282	0.55003	BB

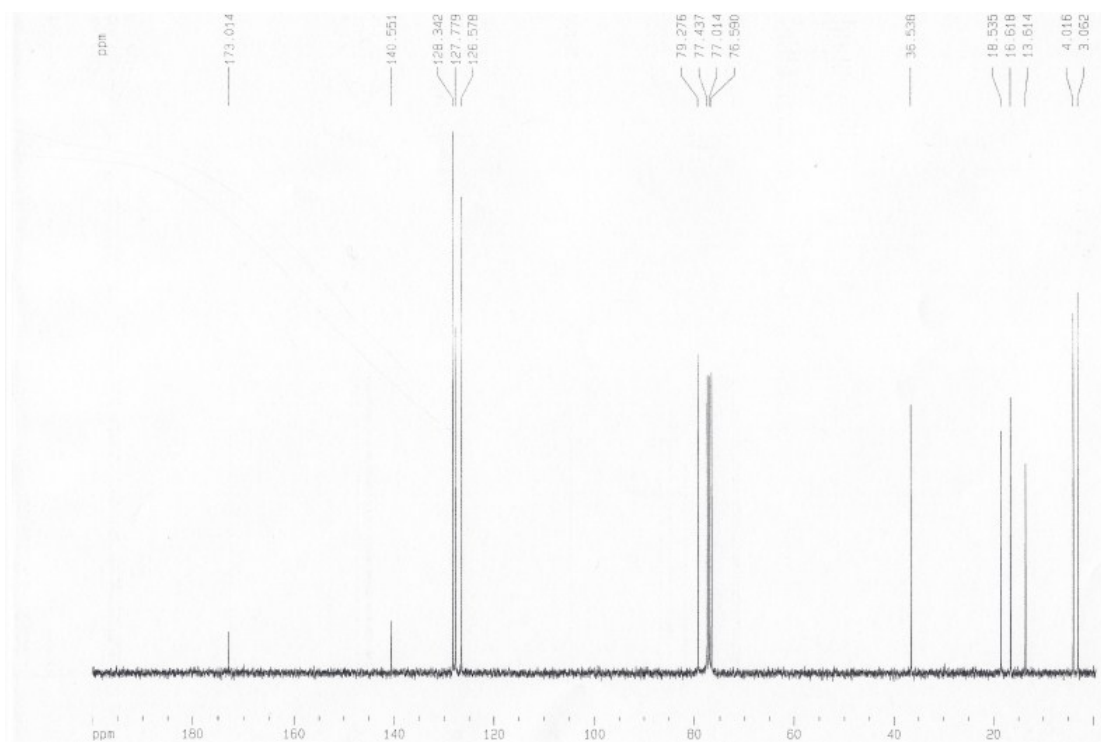
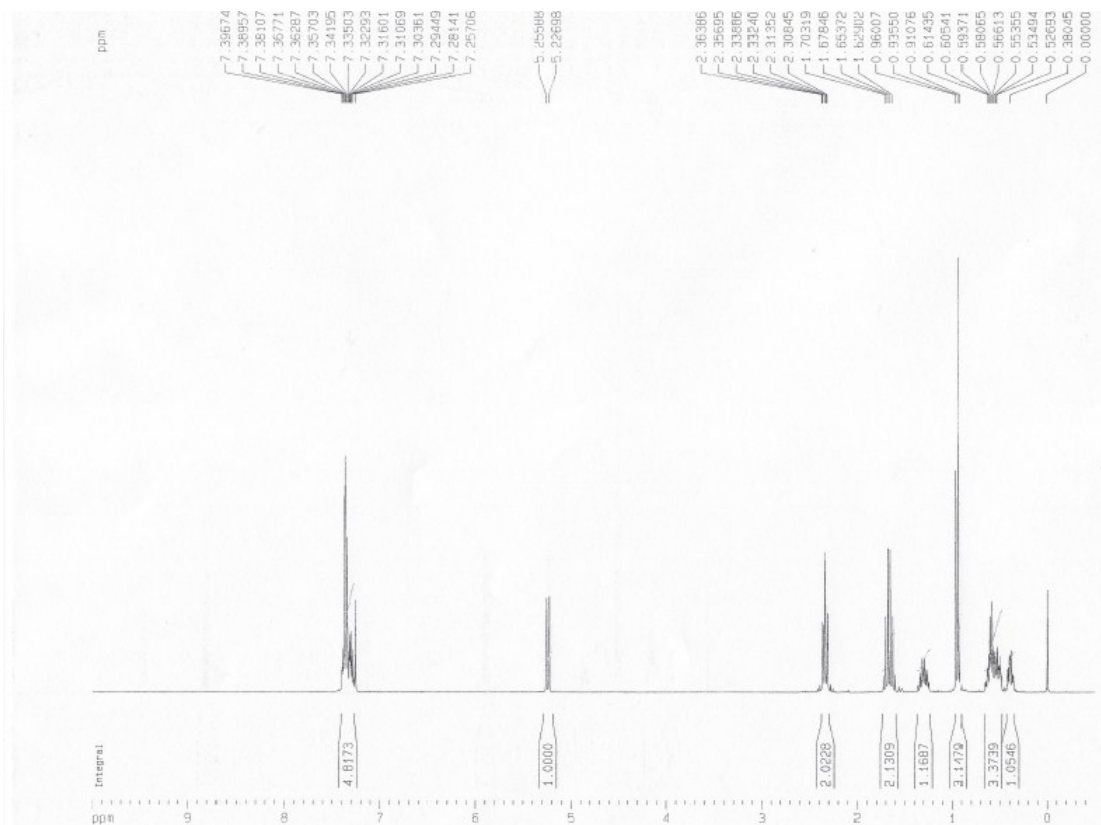
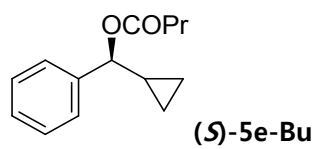


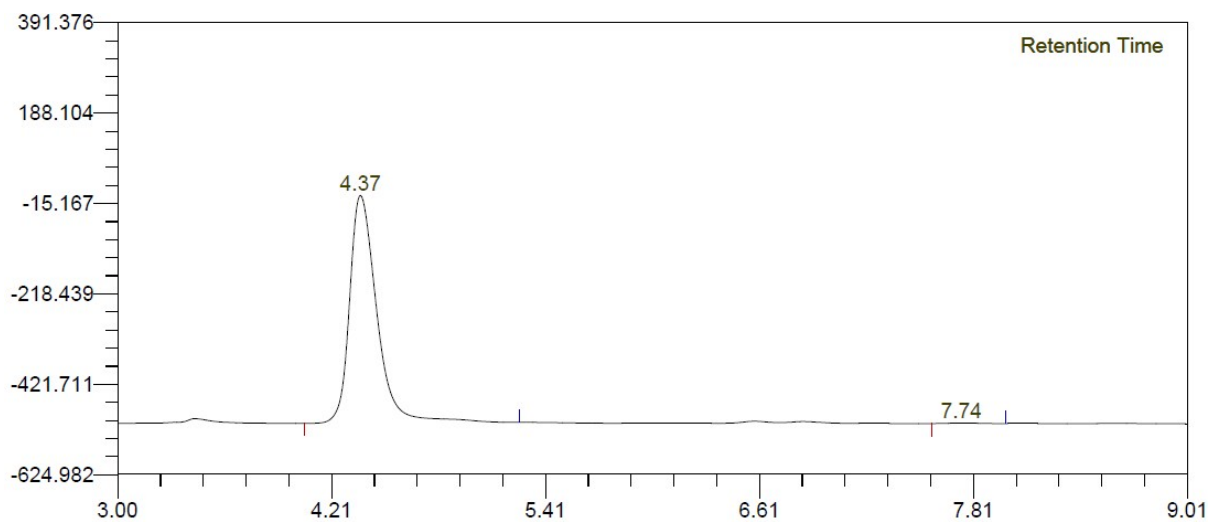
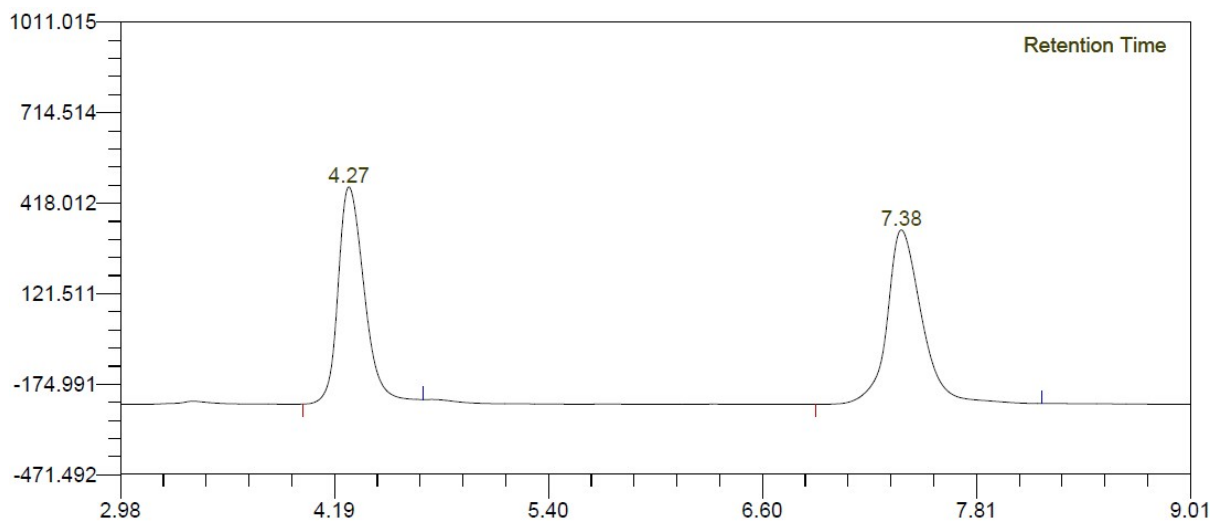
(S)-5d-Bu



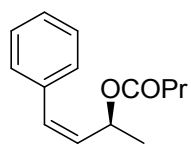


PK No.	RT	Peak Width	Area	Height	Area %	Height %	Code
1	4.890	0.143	75959943	364885	94.83262	98.30512	BB
2	23.345	0.494	4139017	6291	5.16738	1.69488	BB

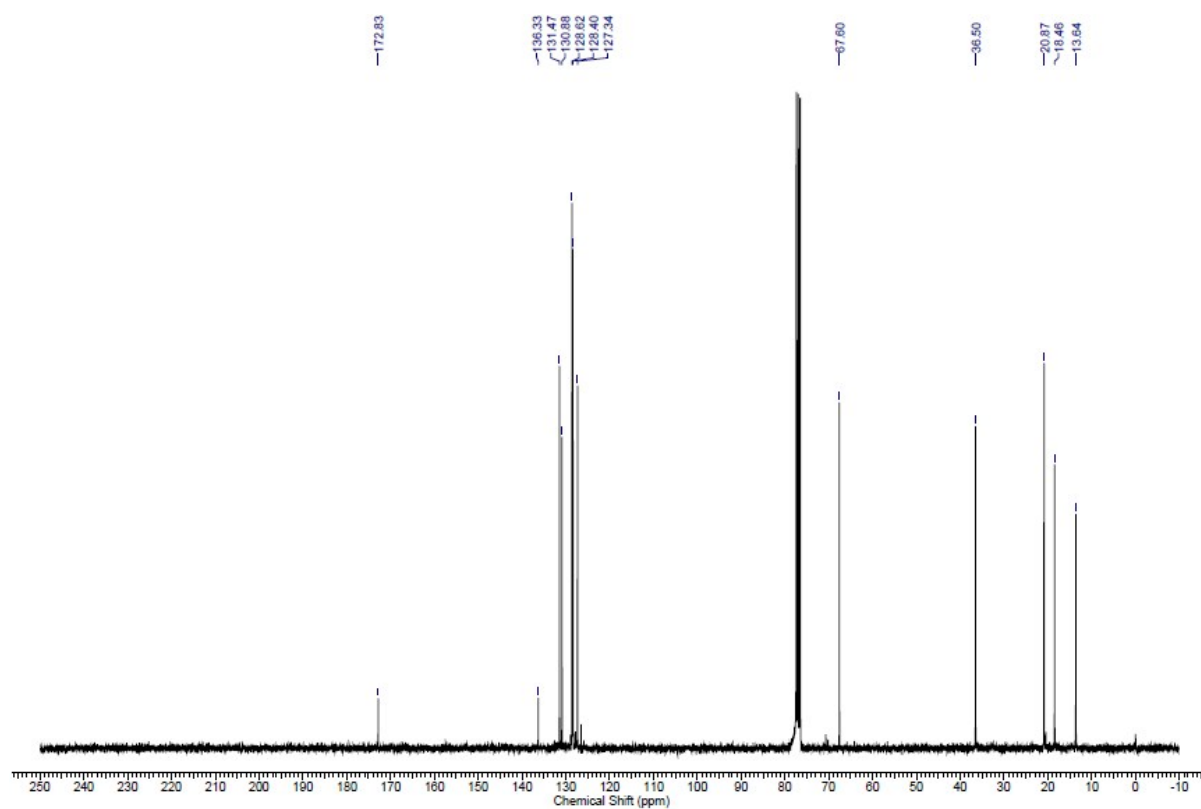
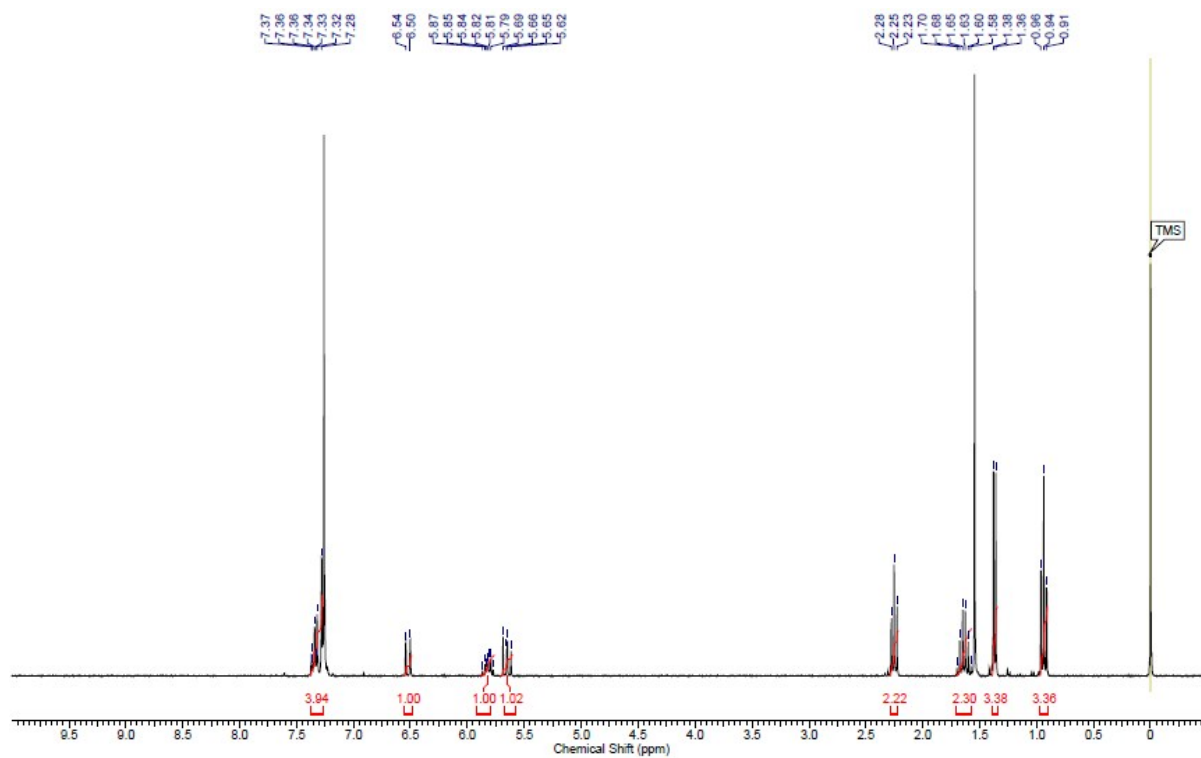


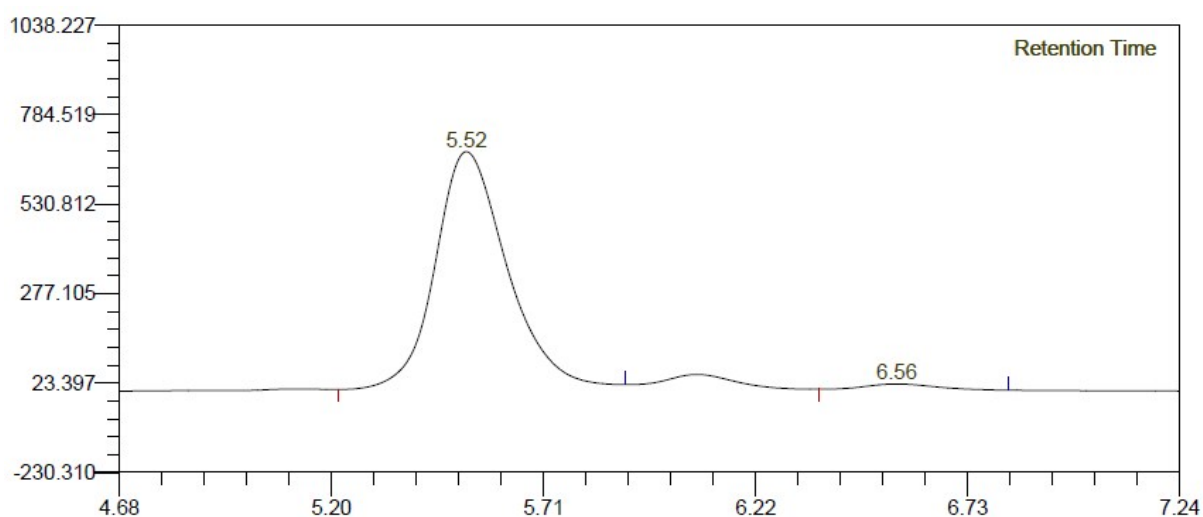
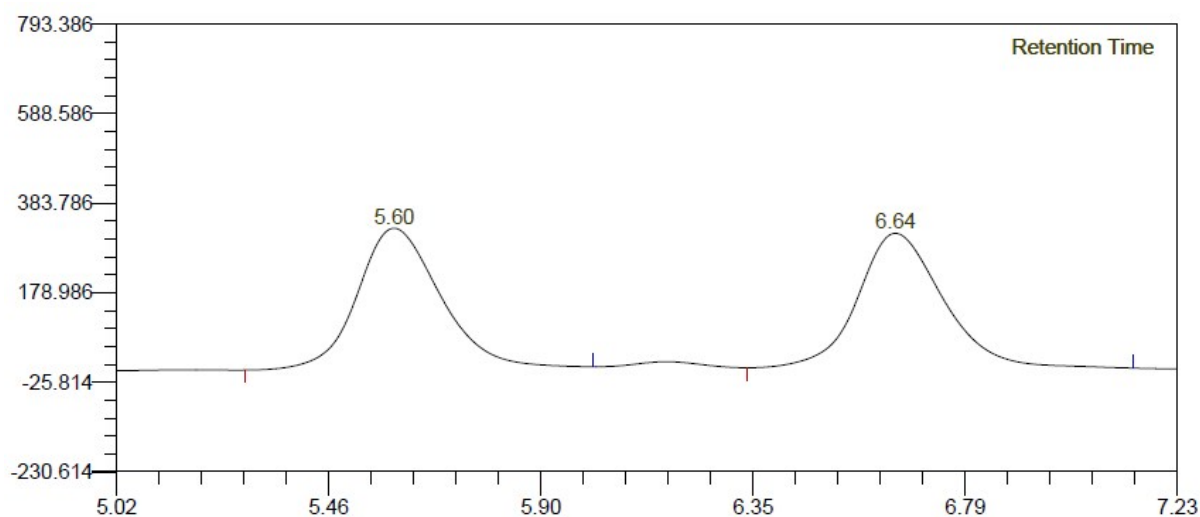


PK No.	RT	Peak Width	Area	Height	Area %	Height %	Code
1	4.367	0.155	109493747	512082	99.73999	99.74581	BB
2	7.742	0.165	285435	1305	0.26001	0.25419	BB

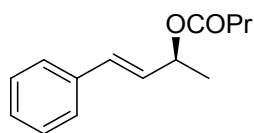


(S)-7b-Bu

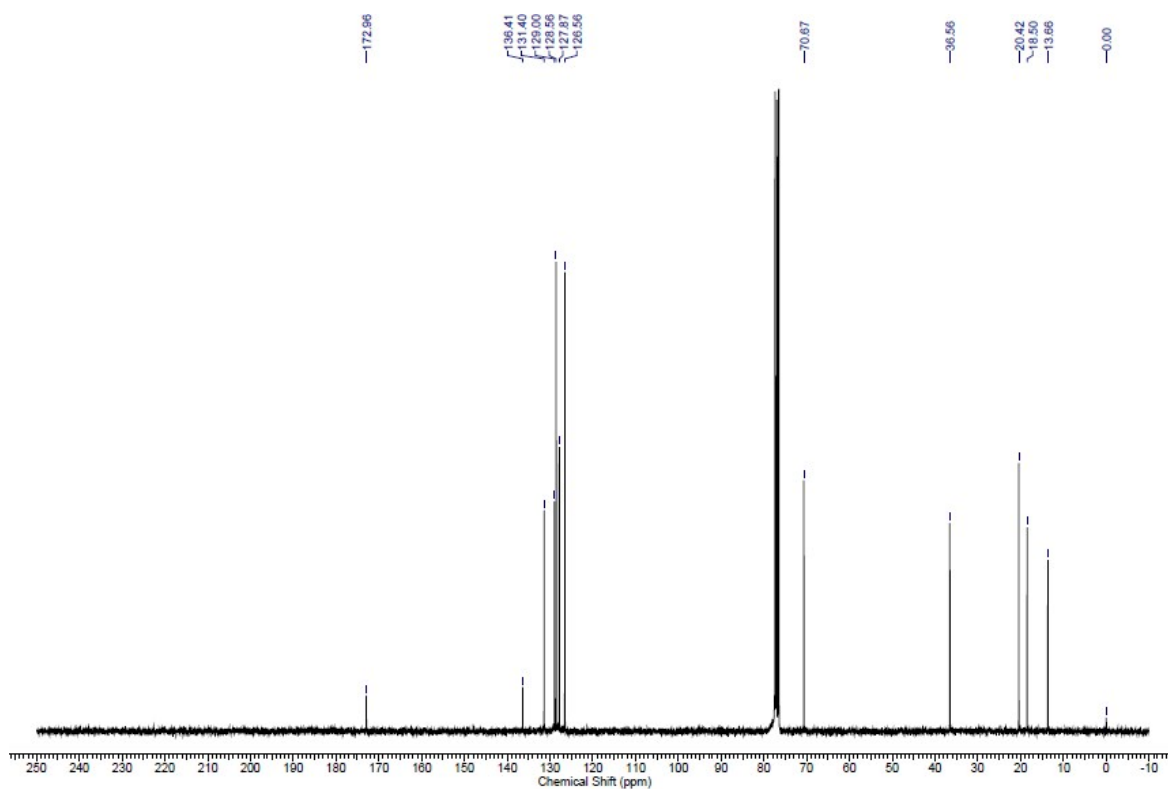
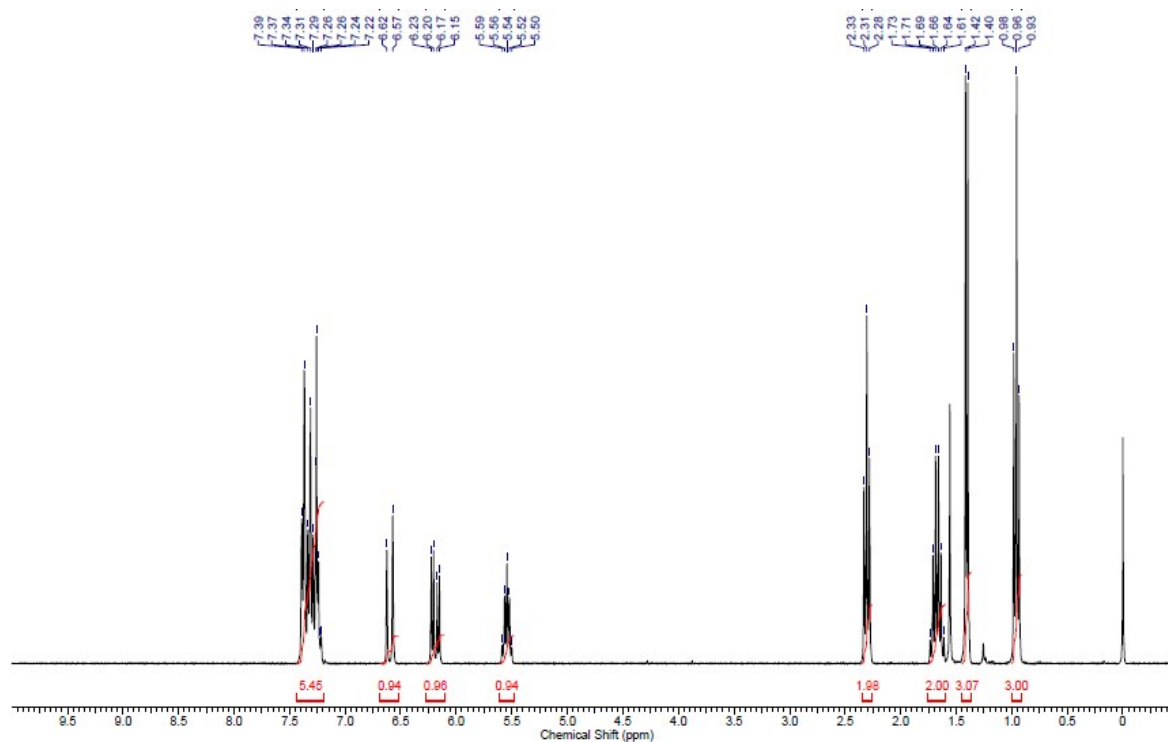


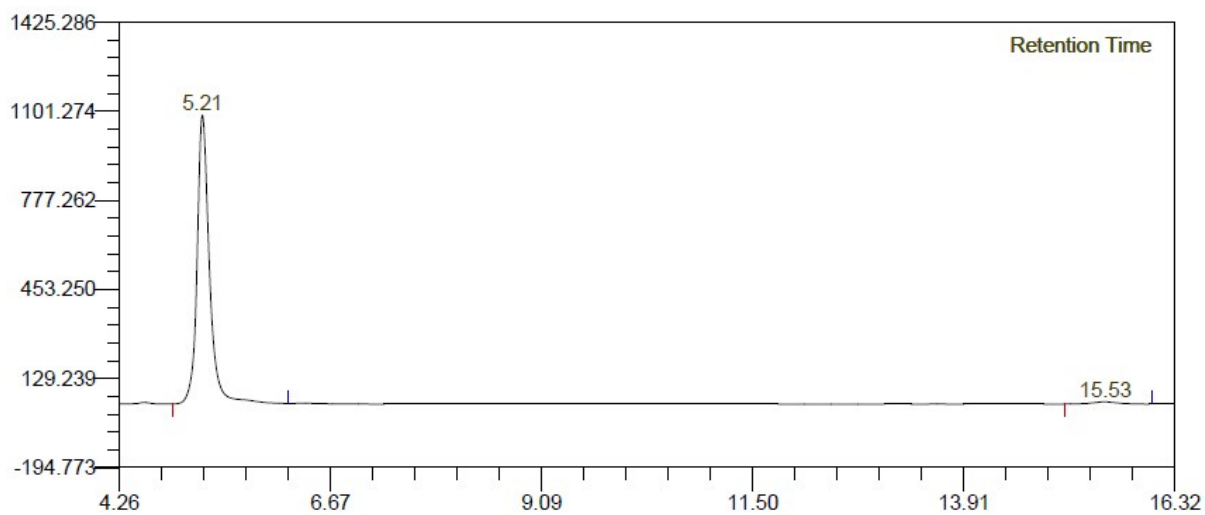
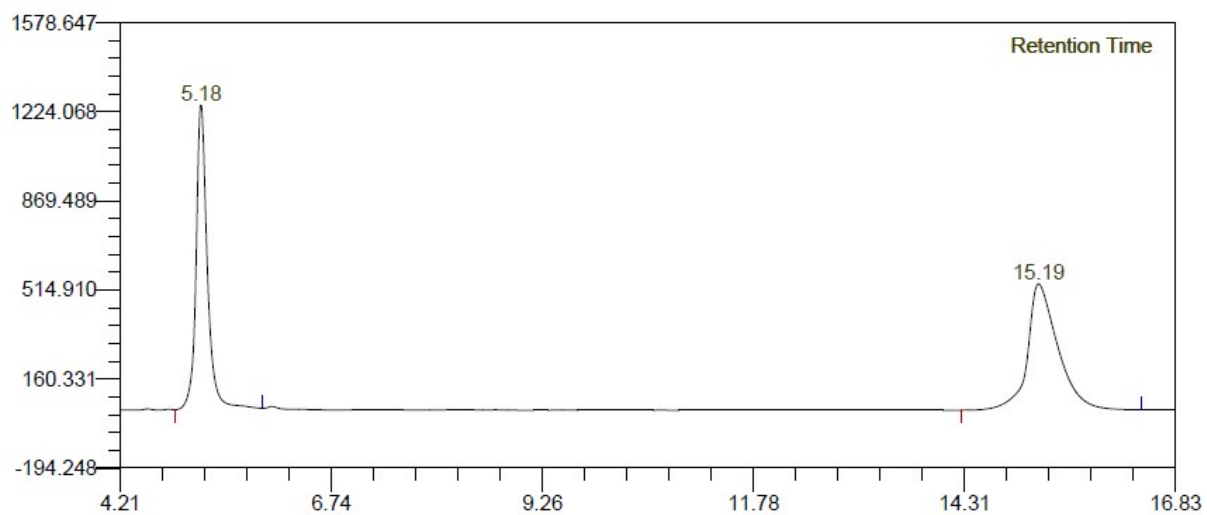


PK No.	RT	Peak Width	Area	Height	Area %	Height %	Code
1	5.520	0.177	158473892	668028	97.76524	97.66891	tep-BB
2	6.558	0.168	3622463	15944	2.23476	2.33109	tep-BB



(S)-7c-Bu





PK No.	RT	Peak Width	Area	Height	Area %	Height %	Code
1	5.208	0.138	207459247	1049434	98.54165	99.27349	BB
2	15.527	0.292	3070252	7680	1.45835	0.72651	BB