

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF053025\  
 Data File : BF142573.D  
 Acq On : 30 May 2025 16:49  
 Operator : RC/JU  
 Sample : Q2151-01  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-1

Quant Time: May 30 17:40:21 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 20 16:26:47 2025  
 Response via : Initial Calibration

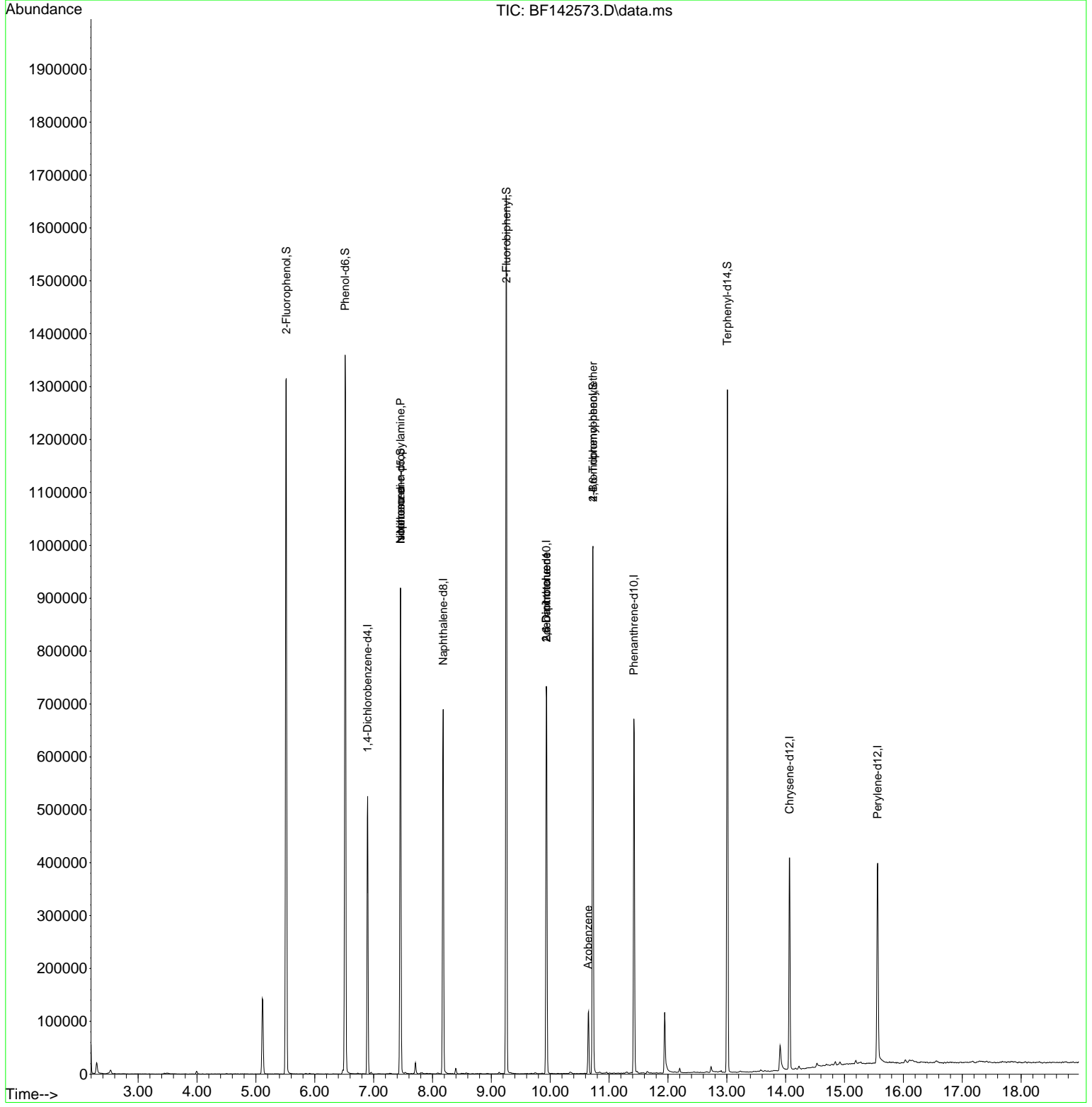
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	116550	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	440384	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	228526	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	360798	20.000	ng	-0.01
76) Chrysene-d12	14.069	240	206923	20.000	ng	0.00
86) Perylene-d12	15.563	264	228204	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	529913	76.600	ng	0.00
7) Phenol-d6	6.516	99	652089	78.305	ng	-0.02
23) Nitrobenzene-d5	7.457	82	391151	48.433	ng	-0.02
42) 2,4,6-Tribromophenol	10.728	330	183077	72.181	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	779712	45.783	ng	-0.01
79) Terphenyl-d14	13.010	244	628932	41.535	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.457	70	51487	9.976	ng	# 76
25) Isophorone	7.457	82	367351	27.206	ng	# 63
51) 2,6-Dinitrotoluene	9.934	165	29831	9.166	ng	# 28
57) 2,4-Dinitrotoluene	9.934	165	29831	7.019	ng	# 28
63) Azobenzene	10.645	77	28879	2.183	ng	# 1
67) 4-Bromophenyl-phenylether	10.728	248	11960	2.803	ng	# 1

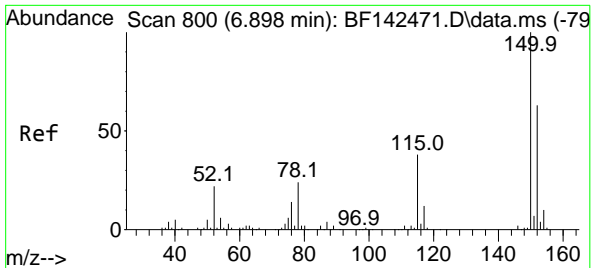
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF053025\  
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 Sample : Q2151-01  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
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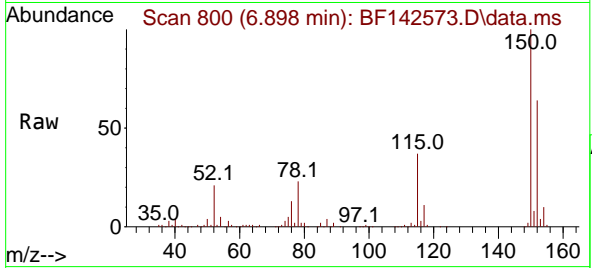
Quant Time: May 30 17:40:21 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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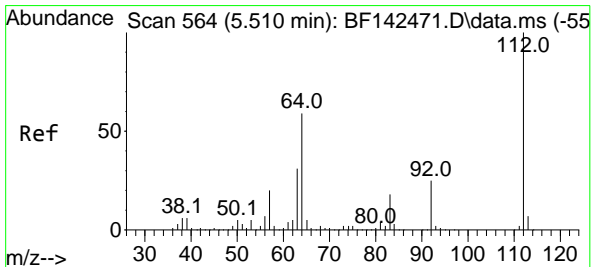
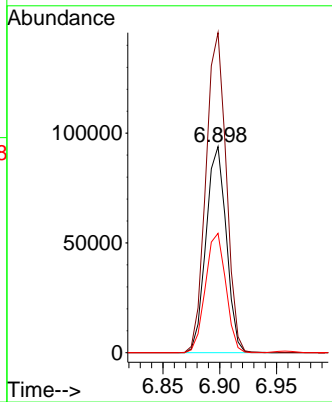
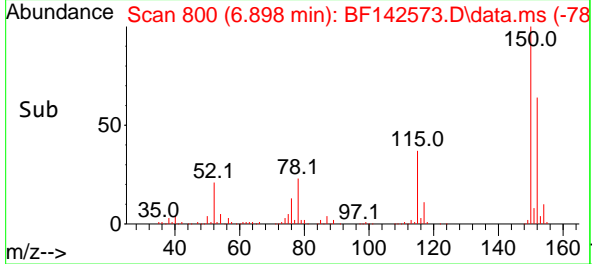


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.898 min Scan# 800  
 Delta R.T. -0.006 min  
 Lab File: BF142573.D  
 Acq: 30 May 2025 16:49

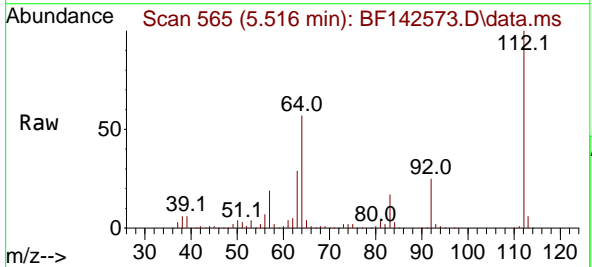
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-1



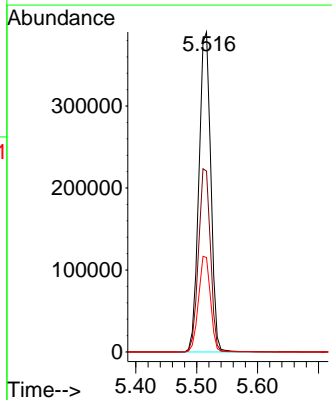
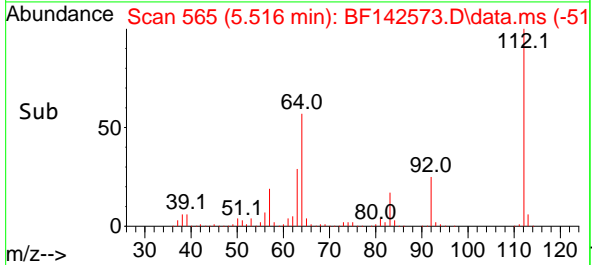
Tgt Ion:152 Resp: 116550  
 Ion Ratio Lower Upper  
 152 100  
 150 155.3 128.2 192.4  
 115 57.9 48.3 72.5

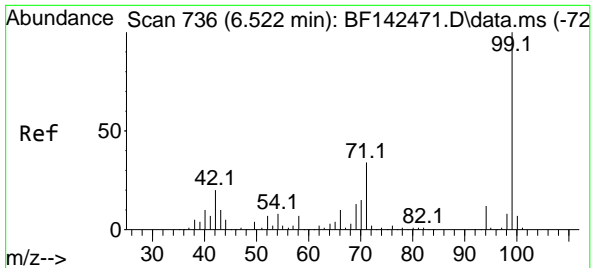


#5  
 2-Fluorophenol  
 Concen: 76.600 ng  
 RT: 5.516 min Scan# 565  
 Delta R.T. 0.000 min  
 Lab File: BF142573.D  
 Acq: 30 May 2025 16:49



Tgt Ion:112 Resp: 529913  
 Ion Ratio Lower Upper  
 112 100  
 64 56.5 47.5 71.3  
 63 29.5 24.9 37.3



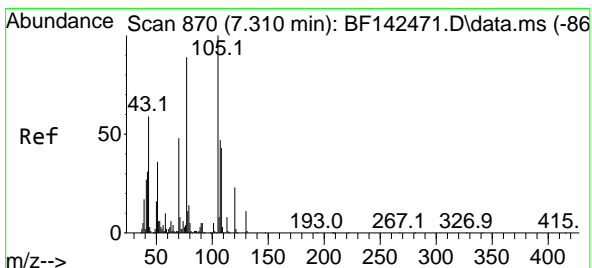
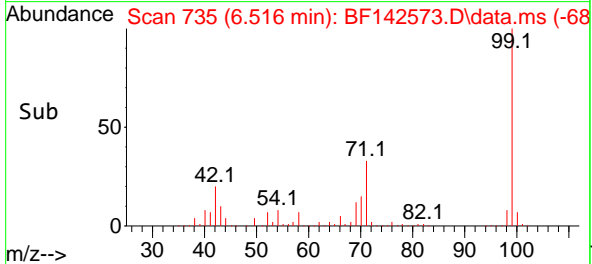
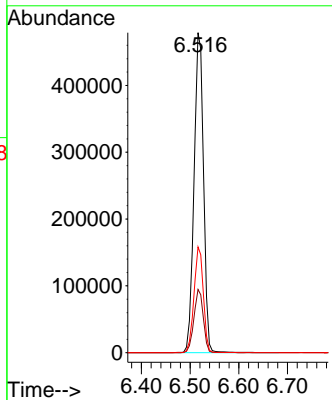
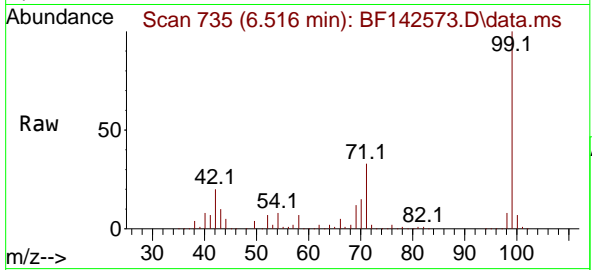


#7  
 Phenol-d6  
 Concen: 78.305 ng  
 RT: 6.516 min Scan# 71  
 Delta R.T. -0.017 min  
 Lab File: BF142573.D  
 Acq: 30 May 2025 16:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-1

Tgt Ion: 99 Resp: 652089

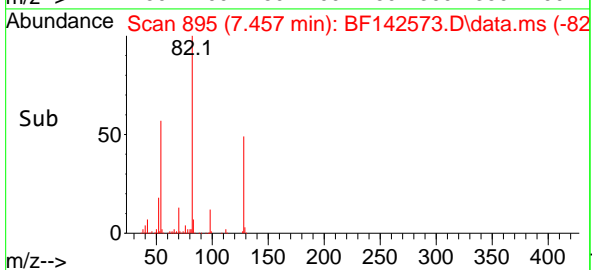
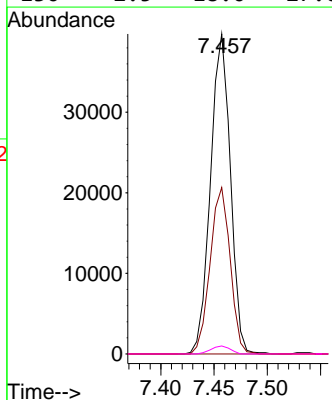
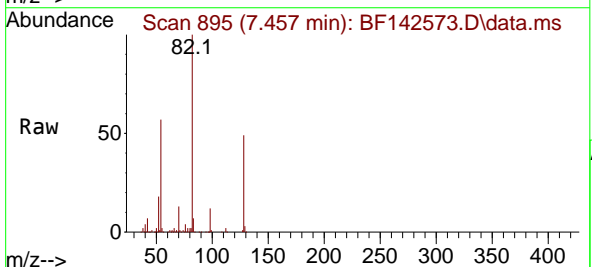
Ion	Ratio	Lower	Upper
99	100		
42	19.7	16.2	24.2
71	33.0	27.3	40.9

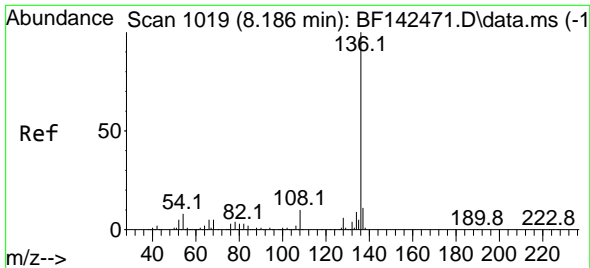


#19  
 n-Nitroso-di-n-propylamine  
 Concen: 9.976 ng  
 RT: 7.457 min Scan# 895  
 Delta R.T. 0.130 min  
 Lab File: BF142573.D  
 Acq: 30 May 2025 16:49

Tgt Ion: 70 Resp: 51487

Ion	Ratio	Lower	Upper
70	100		
42	52.0	52.4	78.6#
101	0.0	7.8	11.8#
130	2.5	18.0	27.0#



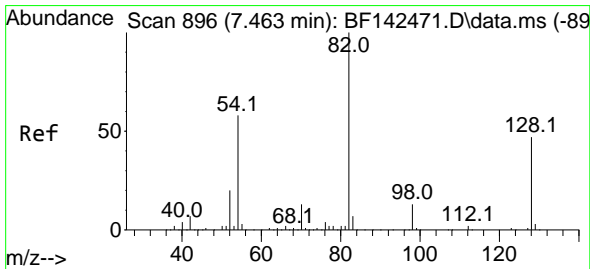
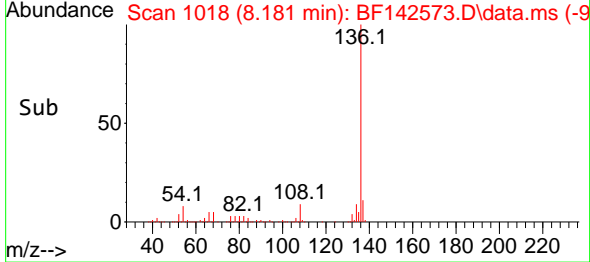
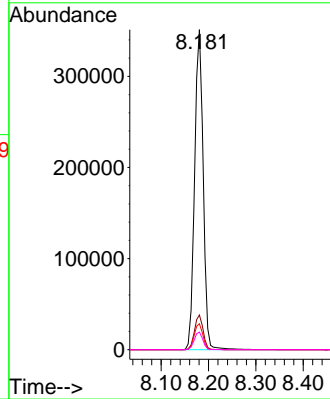
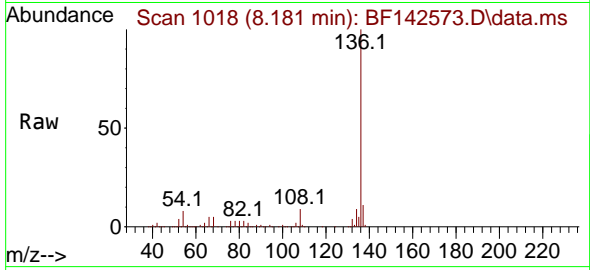


#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 8.181 min Scan# 1019  
 Delta R.T. -0.006 min  
 Lab File: BF142573.D  
 Acq: 30 May 2025 16:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
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Tgt Ion:136 Resp: 440384

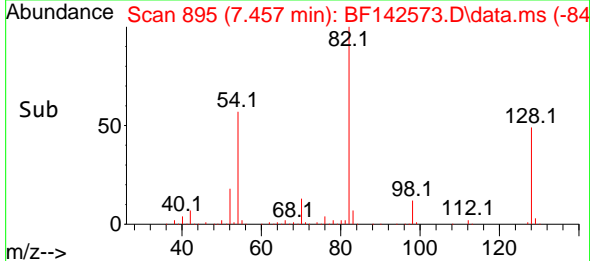
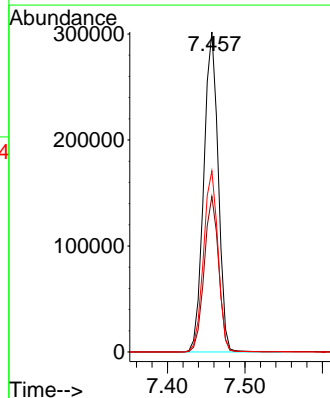
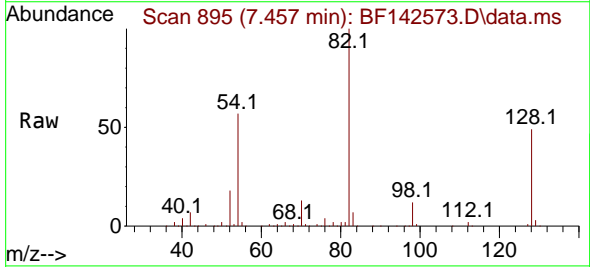
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.1	6.6	10.0
68	5.5	4.1	6.1

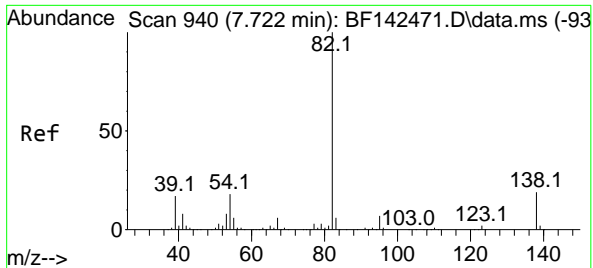


#23  
 Nitrobenzene-d5  
 Concen: 48.433 ng  
 RT: 7.457 min Scan# 895  
 Delta R.T. -0.017 min  
 Lab File: BF142573.D  
 Acq: 30 May 2025 16:49

Tgt Ion: 82 Resp: 391151

Ion	Ratio	Lower	Upper
82	100		
128	48.6	37.4	56.2
54	56.6	46.6	70.0

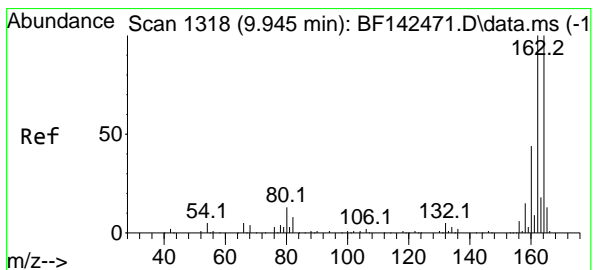
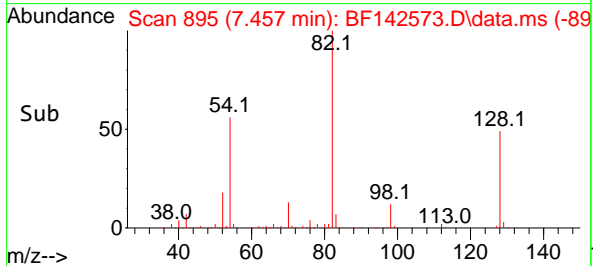
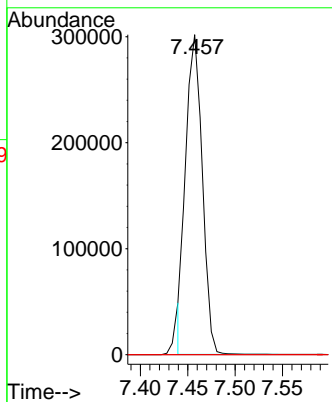
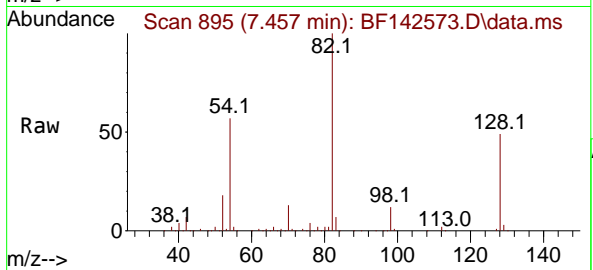




#25  
 Isophorone  
 Concen: 27.206 ng  
 RT: 7.457 min Scan# 895  
 Delta R.T. -0.276 min  
 Lab File: BF142573.D  
 Acq: 30 May 2025 16:49

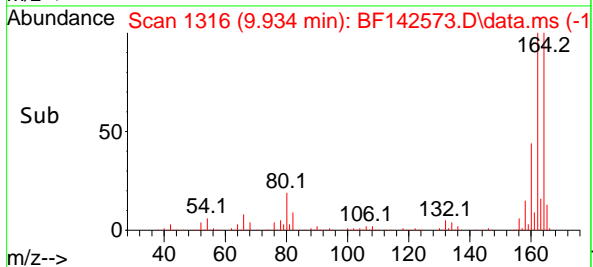
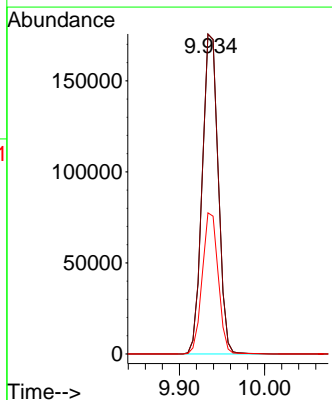
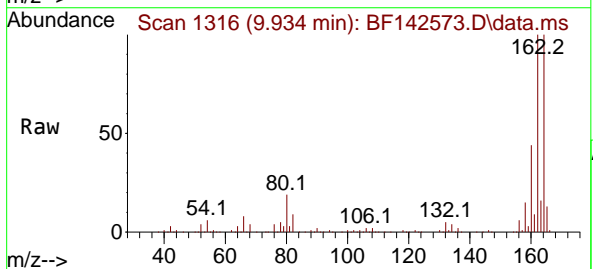
Instrument :  
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 ClientSampleId :  
 WC-1

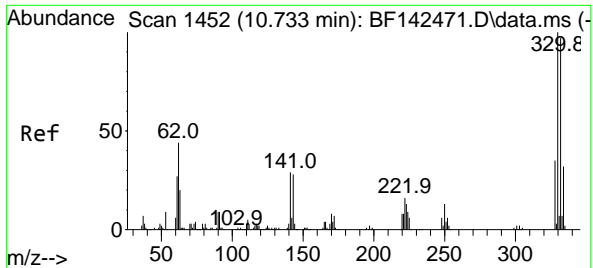
Tgt Ion: 82 Resp: 367351  
 Ion Ratio Lower Upper  
 82 100  
 95 0.0 6.0 9.0#  
 138 0.0 15.5 23.3#



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.934 min Scan# 1316  
 Delta R.T. -0.012 min  
 Lab File: BF142573.D  
 Acq: 30 May 2025 16:49

Tgt Ion: 164 Resp: 228526  
 Ion Ratio Lower Upper  
 164 100  
 162 100.1 80.2 120.4  
 160 44.1 35.6 53.4

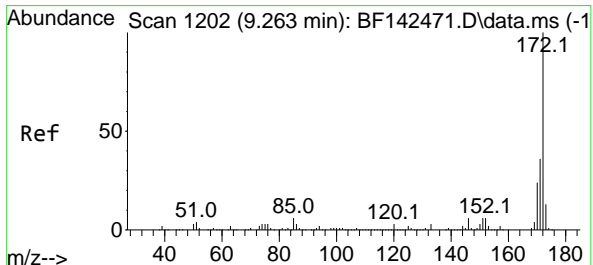
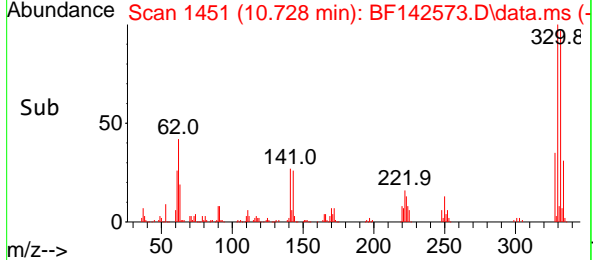
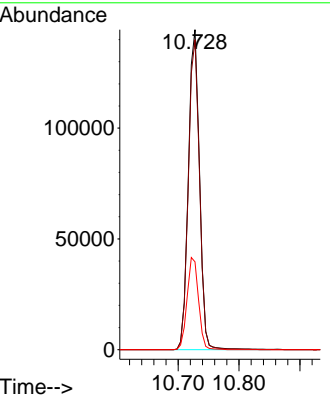
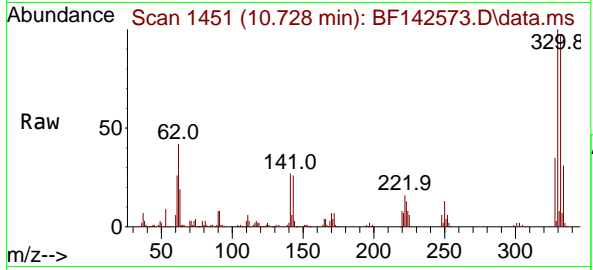




#42  
 2,4,6-Tribromophenol  
 Concen: 72.181 ng  
 RT: 10.728 min Scan# 14  
 Delta R.T. -0.012 min  
 Lab File: BF142573.D  
 Acq: 30 May 2025 16:49

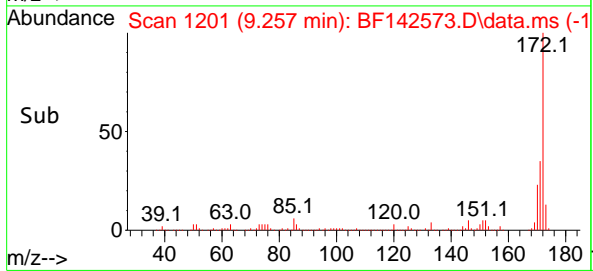
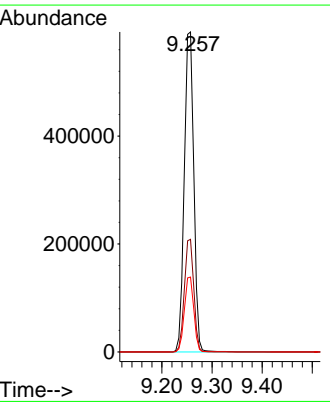
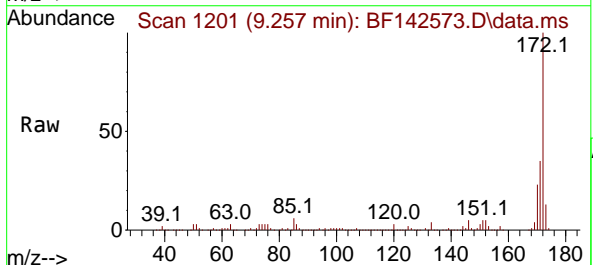
Instrument : BNA\_F  
 ClientSampleId : WC-1

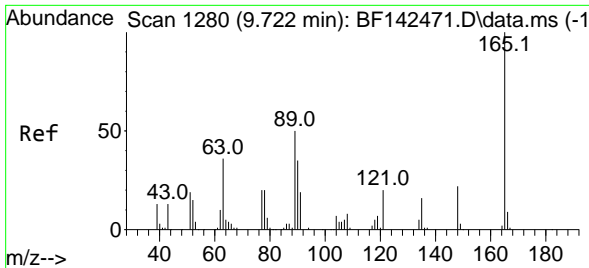
Tgt Ion:330 Resp: 183077  
 Ion Ratio Lower Upper  
 330 100  
 332 97.1 77.6 116.4  
 141 29.7 24.6 36.8



#45  
 2-Fluorobiphenyl  
 Concen: 45.783 ng  
 RT: 9.257 min Scan# 1201  
 Delta R.T. -0.012 min  
 Lab File: BF142573.D  
 Acq: 30 May 2025 16:49

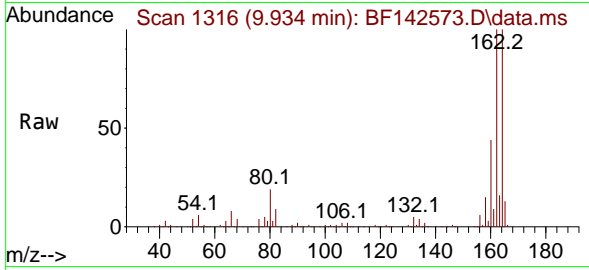
Tgt Ion:172 Resp: 779712  
 Ion Ratio Lower Upper  
 172 100  
 171 35.2 28.6 42.8  
 170 23.4 18.9 28.3





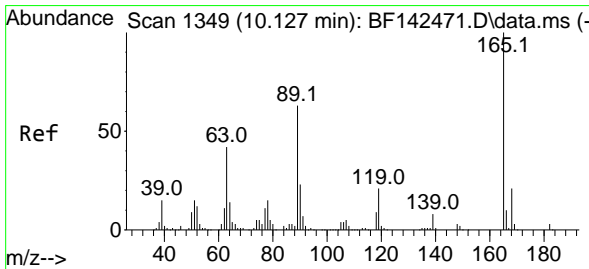
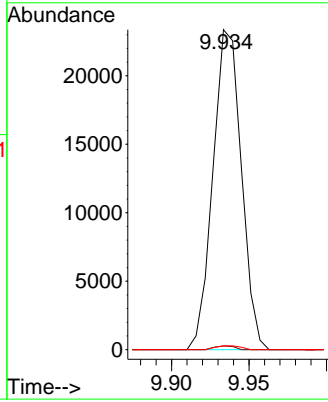
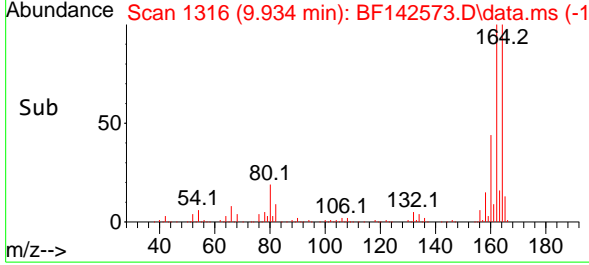
#51  
 2,6-Dinitrotoluene  
 Concen: 9.166 ng  
 RT: 9.934 min Scan# 1316  
 Delta R.T. 0.206 min  
 Lab File: BF142573.D  
 Acq: 30 May 2025 16:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-1

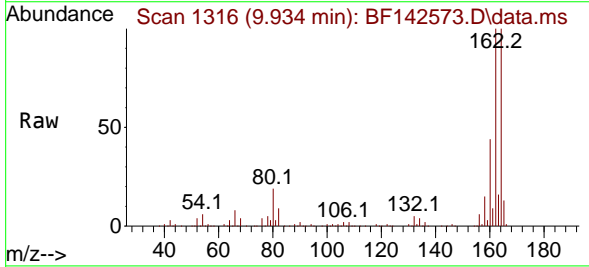


Tgt Ion:165 Resp: 29831

Ion	Ratio	Lower	Upper
165	100		
63	1.1	42.9	64.3#
89	1.2	40.2	60.4#

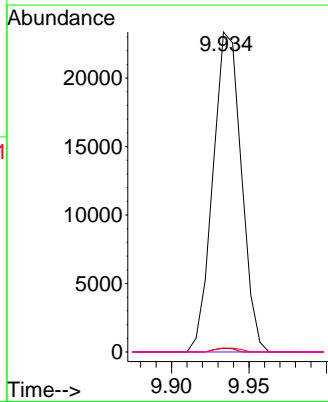
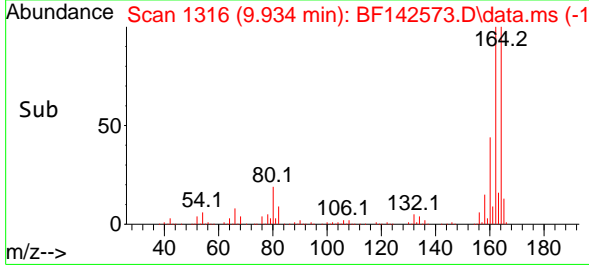


#57  
 2,4-Dinitrotoluene  
 Concen: 7.019 ng  
 RT: 9.934 min Scan# 1316  
 Delta R.T. -0.200 min  
 Lab File: BF142573.D  
 Acq: 30 May 2025 16:49

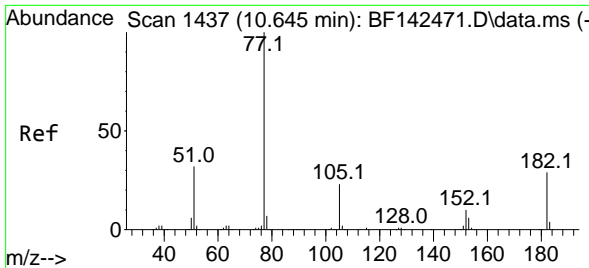


Tgt Ion:165 Resp: 29831

Ion	Ratio	Lower	Upper
165	100		
63	1.1	33.6	50.4#
89	1.2	50.2	75.4#
182	0.0	2.2	3.4#

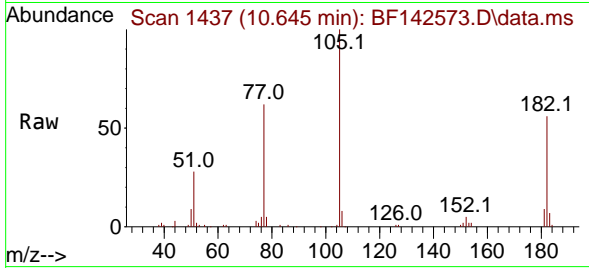




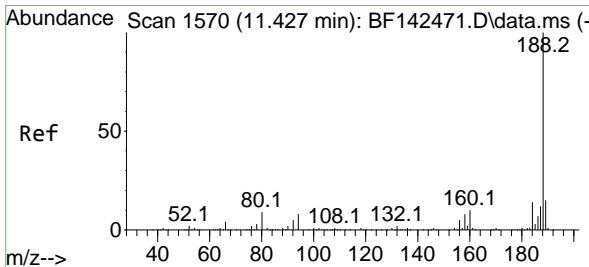
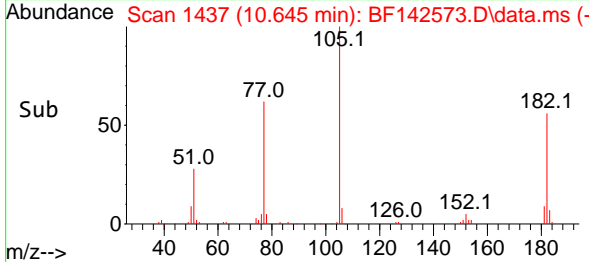
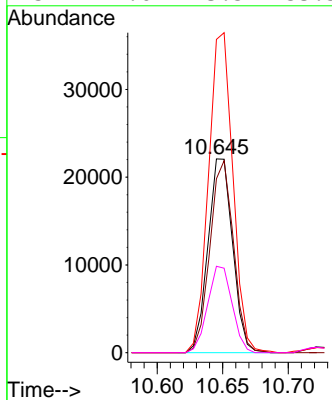


#63  
 Azobenzene  
 Concen: 2.183 ng  
 RT: 10.645 min Scan# 14  
 Delta R.T. 0.000 min  
 Lab File: BF142573.D  
 Acq: 30 May 2025 16:49

Instrument :  
 BNA\_F  
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 WC-1

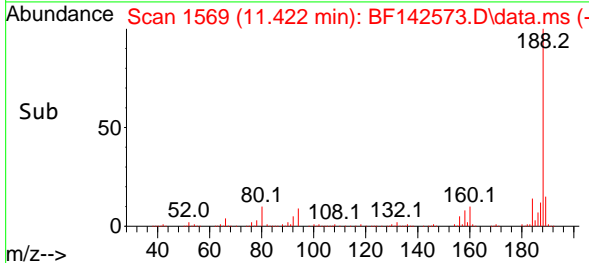
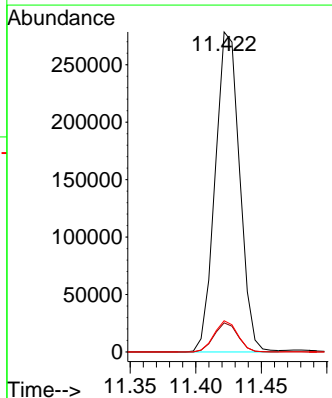
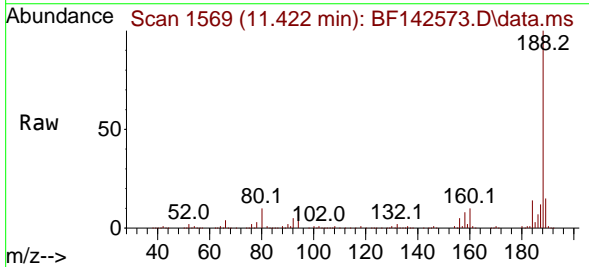


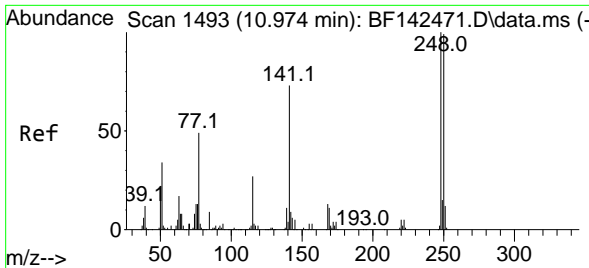
Tgt Ion: 77 Resp: 28879  
 Ion Ratio Lower Upper  
 77 100  
 182 89.8 9.0 49.0#  
 105 161.7 2.4 42.4#  
 51 44.6 13.5 53.5



#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.422 min Scan# 1569  
 Delta R.T. -0.012 min  
 Lab File: BF142573.D  
 Acq: 30 May 2025 16:49

Tgt Ion: 188 Resp: 360798  
 Ion Ratio Lower Upper  
 188 100  
 94 9.1 6.6 10.0  
 80 9.8 7.4 11.0



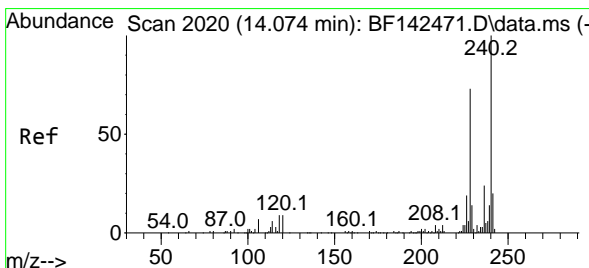
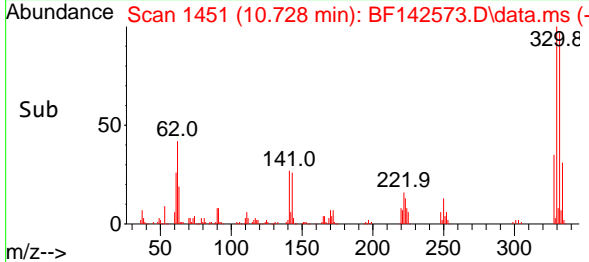
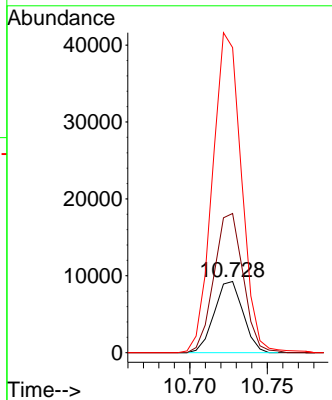
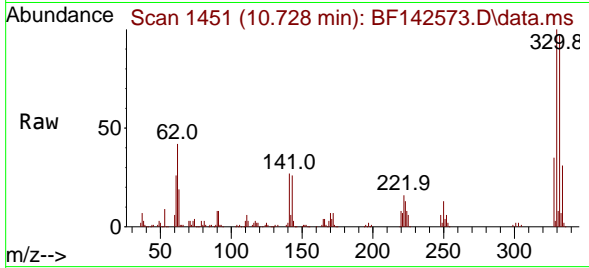


#67  
 4-Bromophenyl-phenylether  
 Concen: 2.803 ng  
 RT: 10.728 min Scan# 14  
 Delta R.T. -0.247 min  
 Lab File: BF142573.D  
 Acq: 30 May 2025 16:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-1

Tgt Ion:248 Resp: 11960

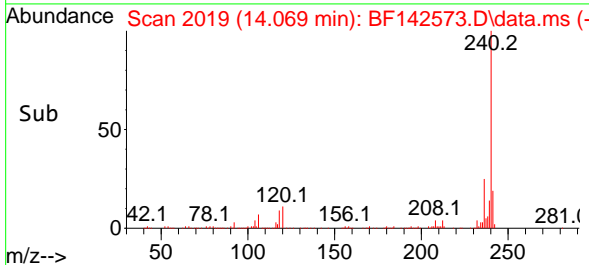
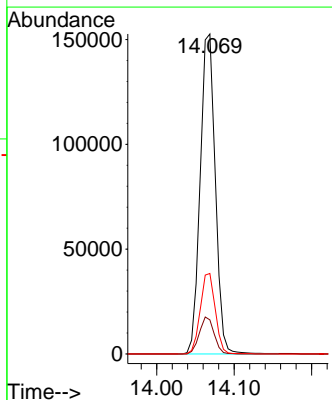
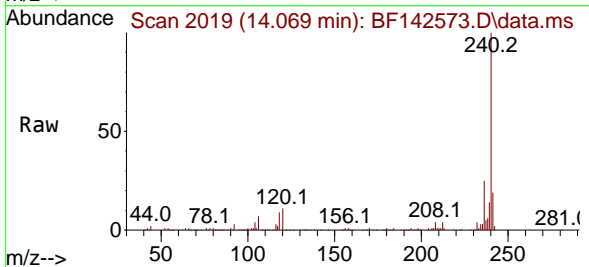
Ion	Ratio	Lower	Upper
248	100		
250	195.3	79.0	118.4#
141	428.2	58.4	87.6#

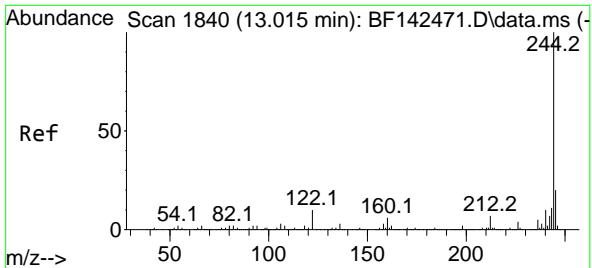


#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.069 min Scan# 2019  
 Delta R.T. -0.006 min  
 Lab File: BF142573.D  
 Acq: 30 May 2025 16:49

Tgt Ion:240 Resp: 206923

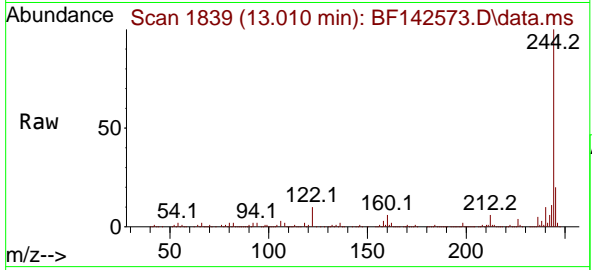
Ion	Ratio	Lower	Upper
240	100		
120	10.7	7.5	11.3
236	25.2	19.6	29.4



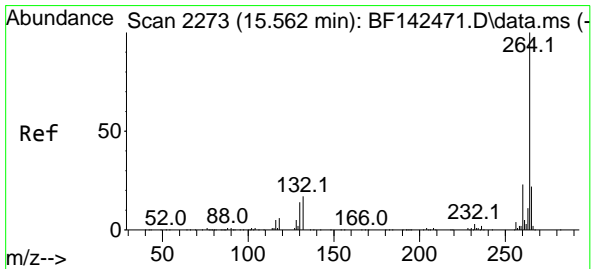
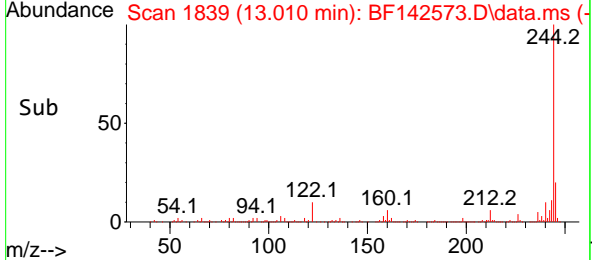
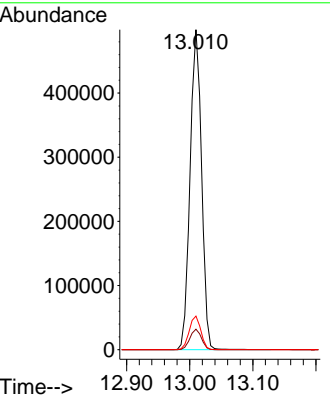


#79  
 Terphenyl-d14  
 Concen: 41.535 ng  
 RT: 13.010 min Scan# 1840  
 Delta R.T. -0.006 min  
 Lab File: BF142573.D  
 Acq: 30 May 2025 16:49

Instrument : BNA\_F  
 ClientSampleId : WC-1



Tgt Ion:244 Resp: 628932  
 Ion Ratio Lower Upper  
 244 100  
 212 6.4 5.3 7.9  
 122 10.5 8.2 12.2



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.563 min Scan# 2273  
 Delta R.T. -0.006 min  
 Lab File: BF142573.D  
 Acq: 30 May 2025 16:49

Tgt Ion:264 Resp: 228204  
 Ion Ratio Lower Upper  
 264 100  
 260 23.3 18.6 28.0  
 265 21.0 17.7 26.5

