

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112124\  
 Data File : BF140545.D  
 Acq On : 21 Nov 2024 19:40  
 Operator : RC/JU  
 Sample : P4870-14  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MH-735

Quant Time: Nov 22 00:10:38 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 21 15:23:48 2024  
 Response via : Initial Calibration

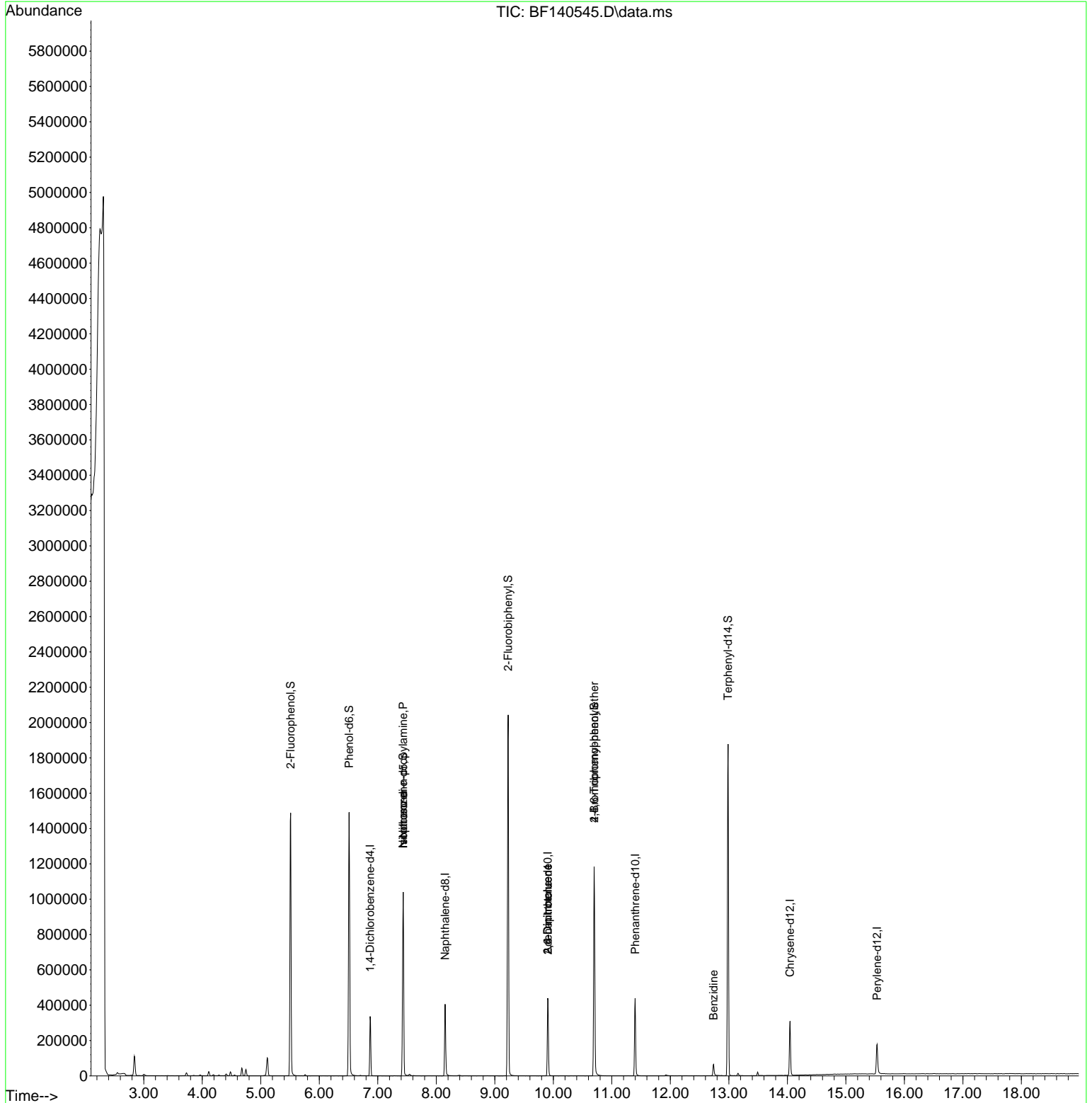
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	71709	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	258832	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	139213	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	248493	20.000	ng	0.00
76) Chrysene-d12	14.045	240	155361	20.000	ng	0.00
86) Perylene-d12	15.533	264	113706	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	563327	134.035	ng	0.01
7) Phenol-d6	6.510	99	705513	126.977	ng	0.00
23) Nitrobenzene-d5	7.434	82	481747	95.203	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	209764	140.886	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	914289	97.853	ng	0.00
79) Terphenyl-d14	12.986	244	932153	93.427	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	65642	19.990	ng	# 75
25) Isophorone	7.434	82	478198	56.658	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	17711	8.518	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	17711	6.409	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	14044	5.488	ng	# 1
77) Benzidine	12.739	184	45608	10.097	ng	99

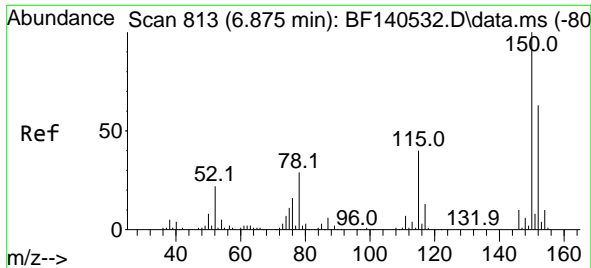
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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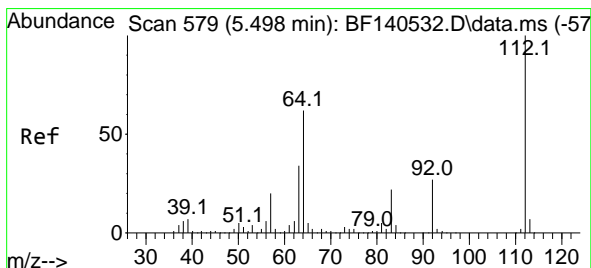
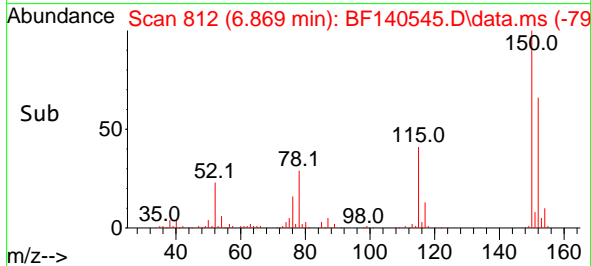
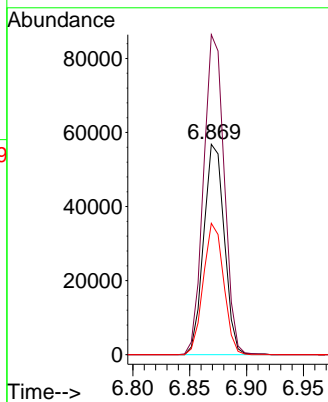
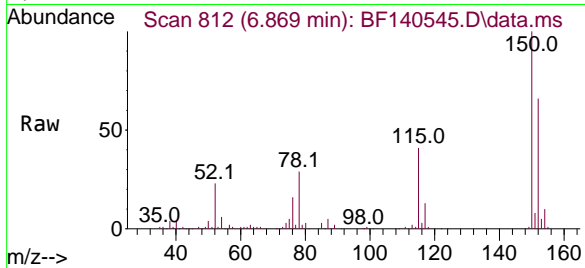




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.869 min Scan# 81  
 Delta R.T. -0.006 min  
 Lab File: BF140545.D  
 Acq: 21 Nov 2024 19:40

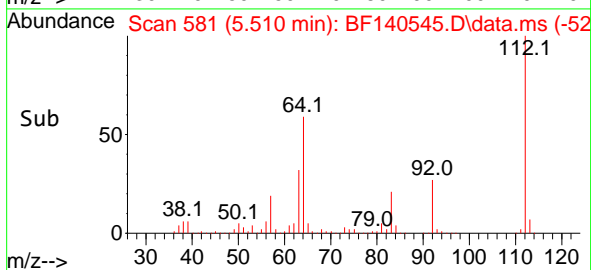
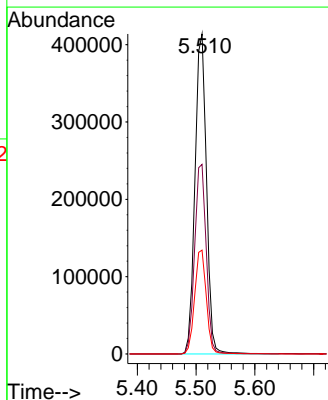
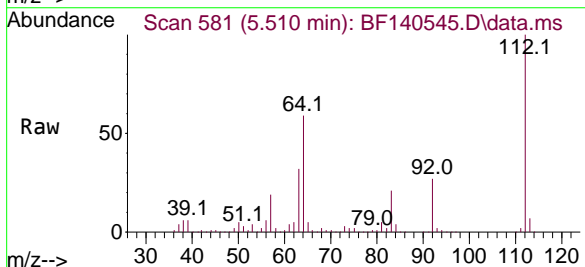
Instrument :  
 BNA\_F  
 ClientSampleId :  
 MH-735

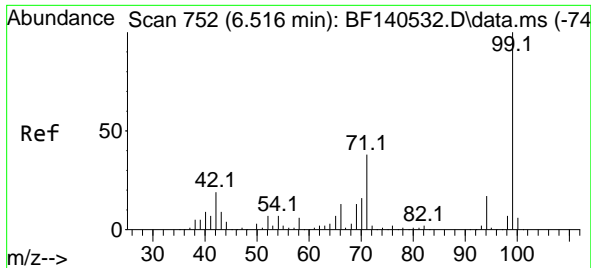
Tgt Ion:152 Resp: 71709  
 Ion Ratio Lower Upper  
 152 100  
 150 152.1 128.5 192.7  
 115 62.4 50.2 75.4



#5  
 2-Fluorophenol  
 Concen: 134.035 ng  
 RT: 5.510 min Scan# 581  
 Delta R.T. 0.012 min  
 Lab File: BF140545.D  
 Acq: 21 Nov 2024 19:40

Tgt Ion:112 Resp: 563327  
 Ion Ratio Lower Upper  
 112 100  
 64 59.3 49.2 73.8  
 63 32.5 27.0 40.4

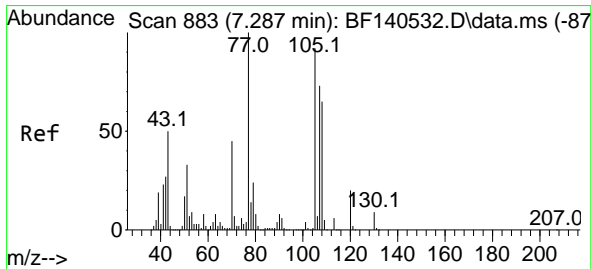
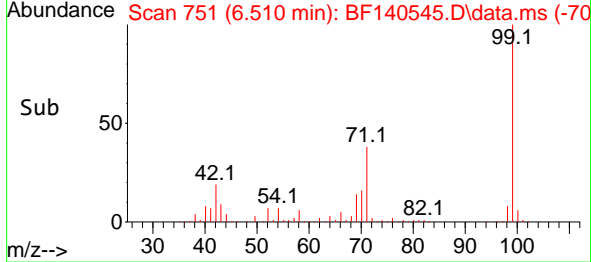
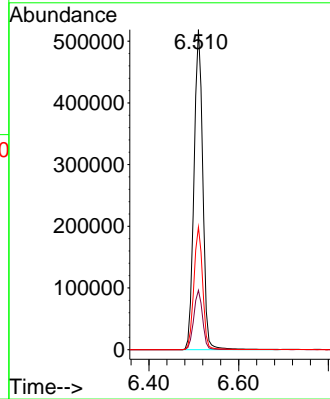
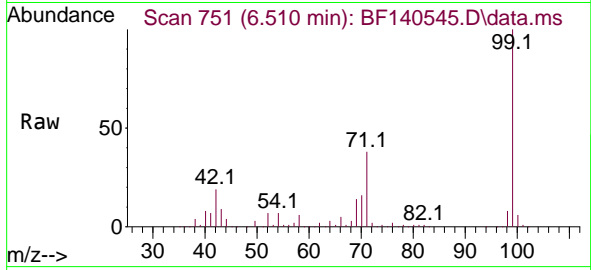




#7  
 Phenol-d6  
 Concen: 126.977 ng  
 RT: 6.510 min Scan# 71  
 Delta R.T. -0.006 min  
 Lab File: BF140545.D  
 Acq: 21 Nov 2024 19:40

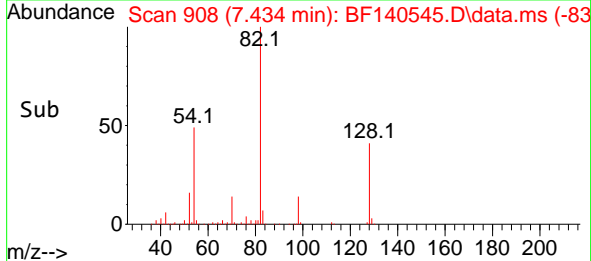
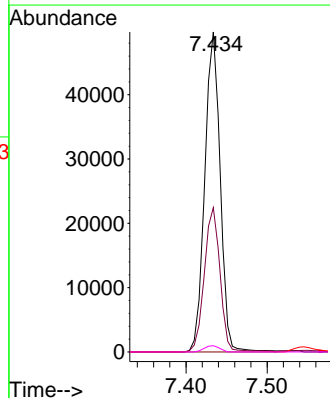
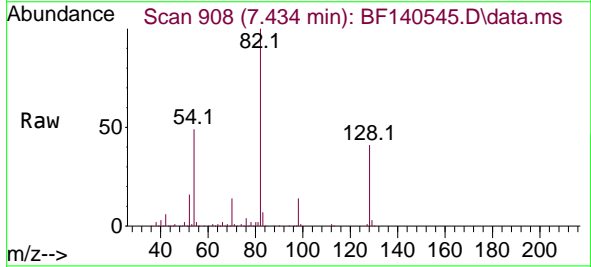
Instrument :  
 BNA\_F  
 ClientSampleId :  
 MH-735

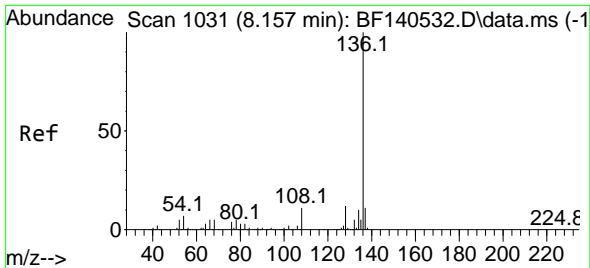
Tgt Ion: 99 Resp: 705513  
 Ion Ratio Lower Upper  
 99 100  
 42 18.6 15.4 23.0  
 71 38.3 30.6 46.0



#19  
 n-Nitroso-di-n-propylamine  
 Concen: 19.990 ng  
 RT: 7.434 min Scan# 908  
 Delta R.T. 0.147 min  
 Lab File: BF140545.D  
 Acq: 21 Nov 2024 19:40

Tgt Ion: 70 Resp: 65642  
 Ion Ratio Lower Upper  
 70 100  
 42 45.1 47.6 71.4#  
 101 0.0 7.6 11.4#  
 130 2.0 16.2 24.4#



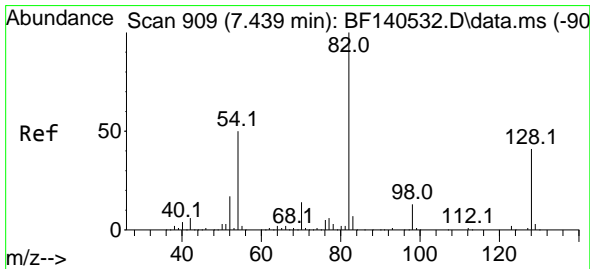
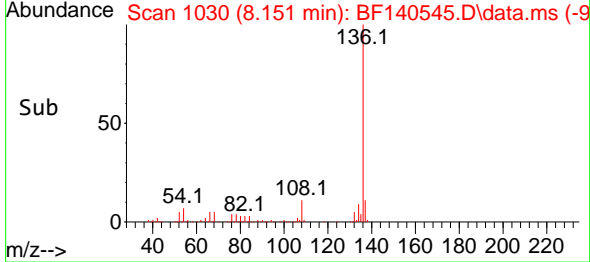
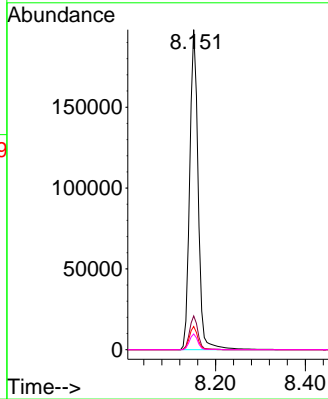
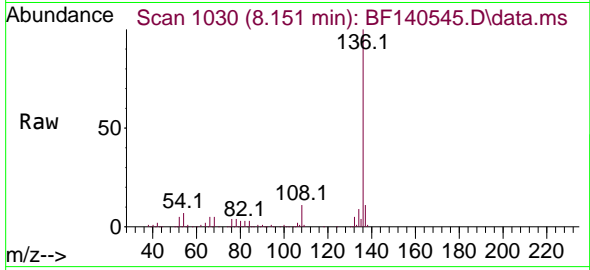


#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 8.151 min Scan# 10  
 Delta R.T. -0.006 min  
 Lab File: BF140545.D  
 Acq: 21 Nov 2024 19:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MH-735

Tgt Ion:136 Resp: 258832

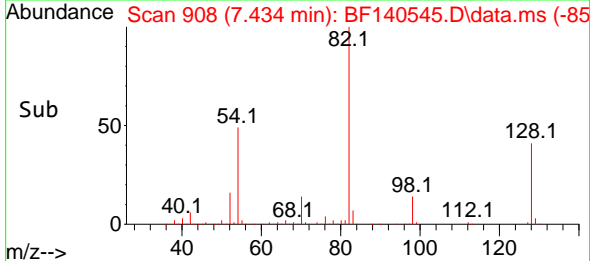
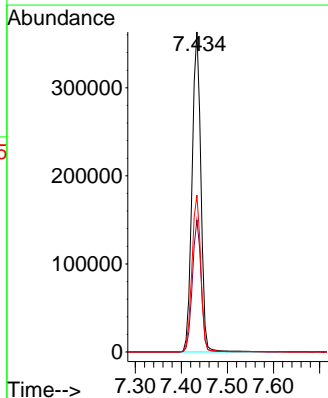
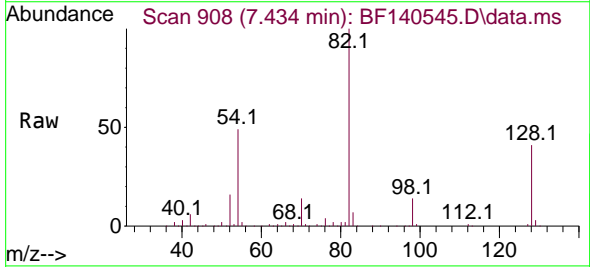
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	7.2	5.8	8.8
68	4.9	4.1	6.1

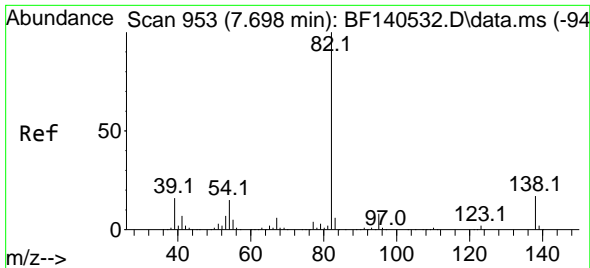


#23  
 Nitrobenzene-d5  
 Concen: 95.203 ng  
 RT: 7.434 min Scan# 908  
 Delta R.T. -0.006 min  
 Lab File: BF140545.D  
 Acq: 21 Nov 2024 19:40

Tgt Ion: 82 Resp: 481747

Ion	Ratio	Lower	Upper
82	100		
128	41.3	33.0	49.4
54	49.0	39.5	59.3

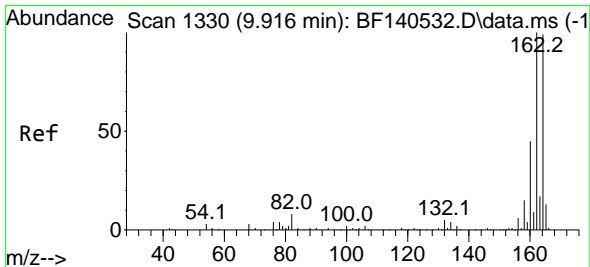
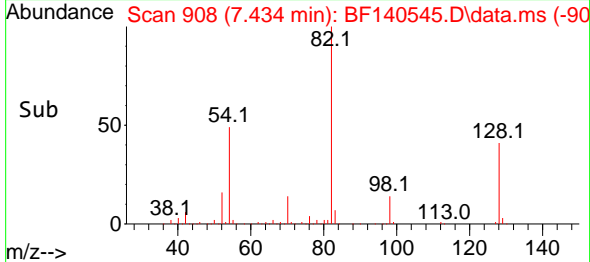
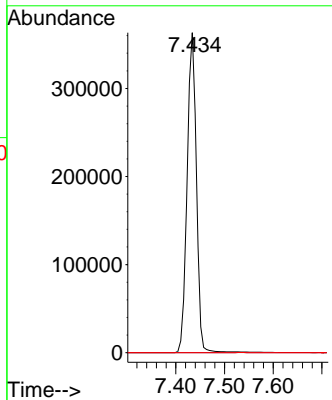
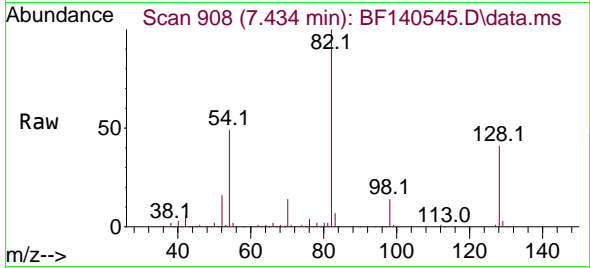




#25  
 Isophorone  
 Concen: 56.658 ng  
 RT: 7.434 min Scan# 90  
 Delta R.T. -0.265 min  
 Lab File: BF140545.D  
 Acq: 21 Nov 2024 19:40

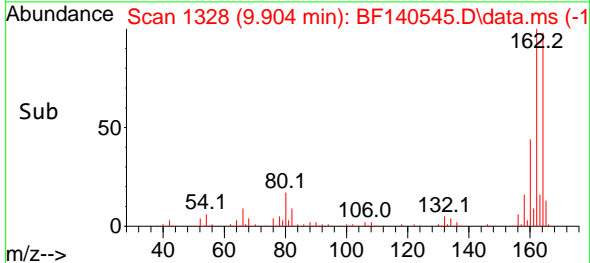
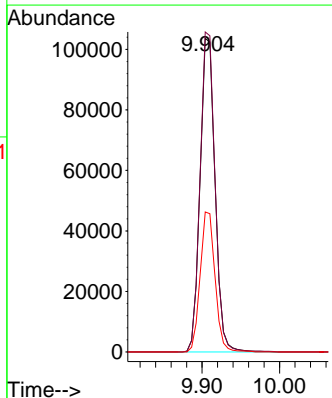
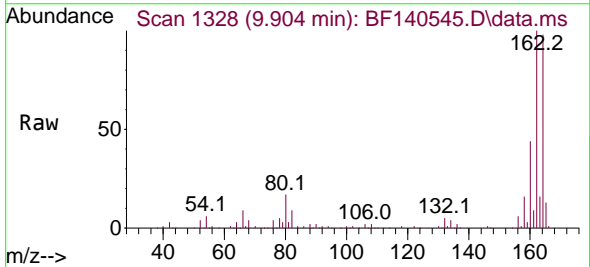
Instrument :  
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 ClientSampleId :  
 MH-735

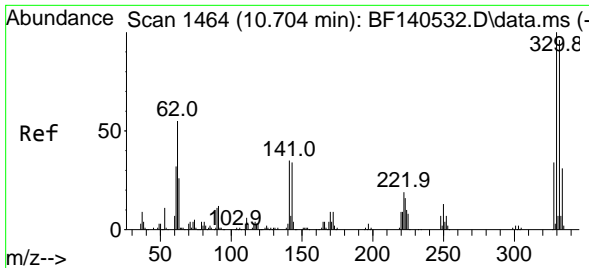
Tgt Ion: 82 Resp: 478198  
 Ion Ratio Lower Upper  
 82 100  
 95 0.0 6.4 9.6#  
 138 0.0 13.8 20.6#



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.904 min Scan# 1328  
 Delta R.T. -0.012 min  
 Lab File: BF140545.D  
 Acq: 21 Nov 2024 19:40

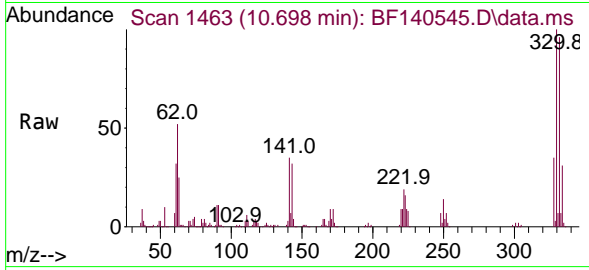
Tgt Ion: 164 Resp: 139213  
 Ion Ratio Lower Upper  
 164 100  
 162 102.1 80.6 120.8  
 160 44.7 36.2 54.4



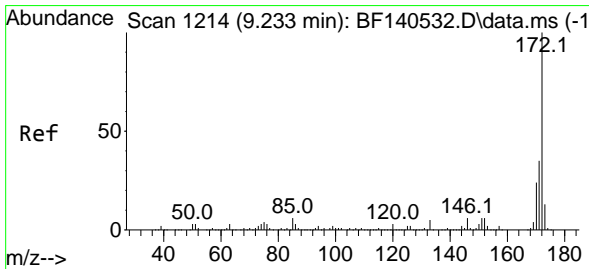
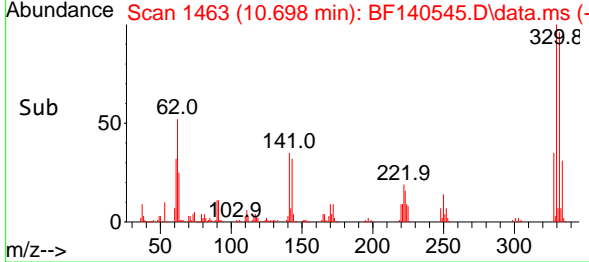
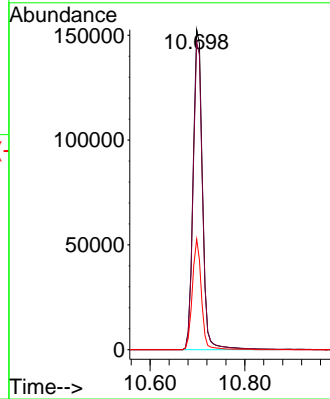


#42  
 2,4,6-Tribromophenol  
 Concen: 140.886 ng  
 RT: 10.698 min Scan# 1463  
 Delta R.T. -0.006 min  
 Lab File: BF140545.D  
 Acq: 21 Nov 2024 19:40

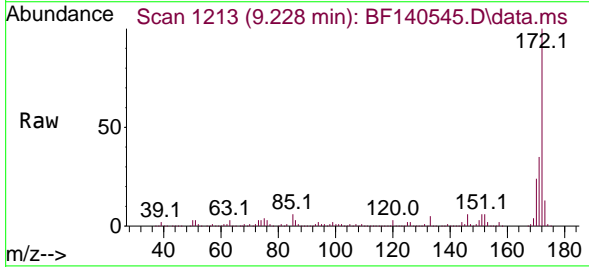
Instrument : BNA\_F  
 ClientSampleId : MH-735



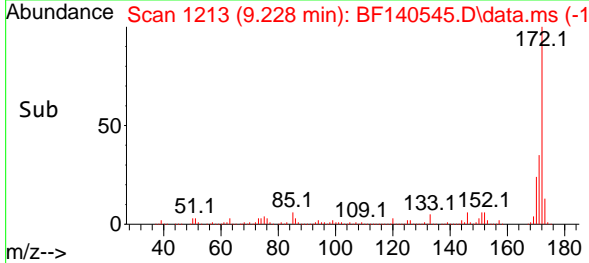
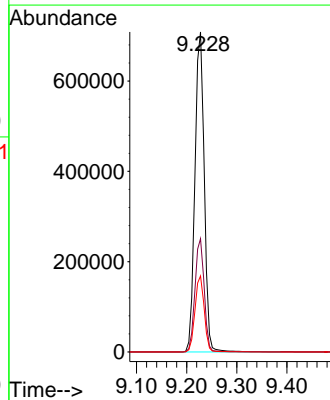
Tgt Ion:330 Resp: 209764  
 Ion Ratio Lower Upper  
 330 100  
 332 95.8 76.9 115.3  
 141 33.5 26.7 40.1

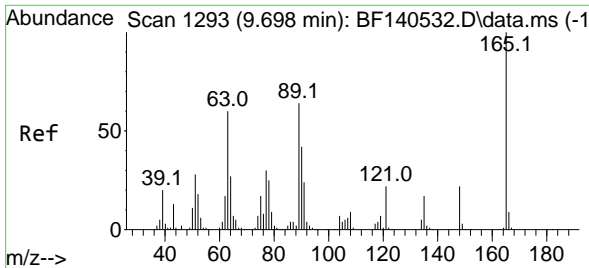


#45  
 2-Fluorobiphenyl  
 Concen: 97.853 ng  
 RT: 9.228 min Scan# 1213  
 Delta R.T. -0.006 min  
 Lab File: BF140545.D  
 Acq: 21 Nov 2024 19:40



Tgt Ion:172 Resp: 914289  
 Ion Ratio Lower Upper  
 172 100  
 171 35.4 28.4 42.6  
 170 23.7 19.0 28.6

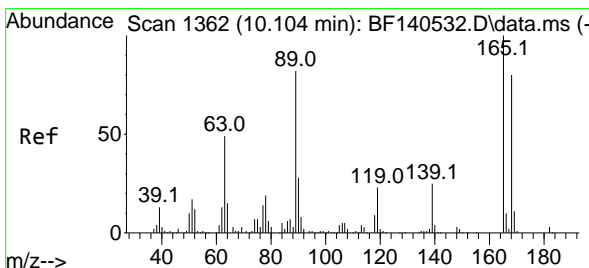
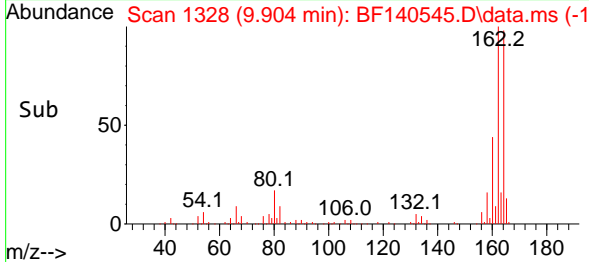
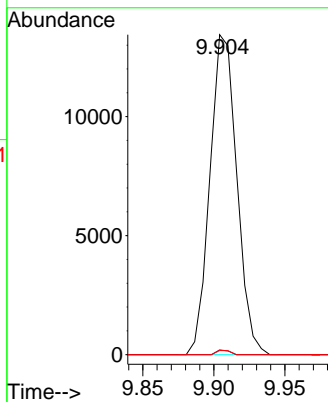
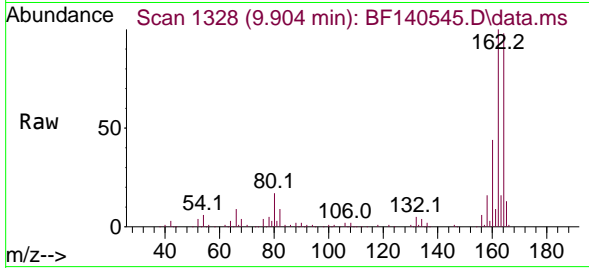




#51  
 2,6-Dinitrotoluene  
 Concen: 8.518 ng  
 RT: 9.904 min Scan# 1328  
 Delta R.T. 0.206 min  
 Lab File: BF140545.D  
 Acq: 21 Nov 2024 19:40

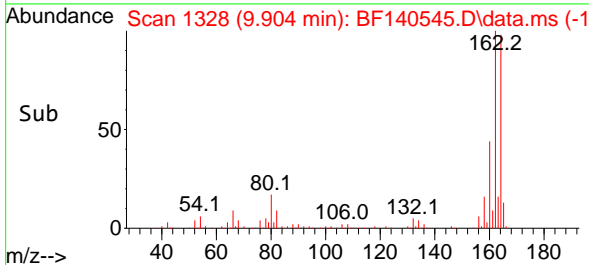
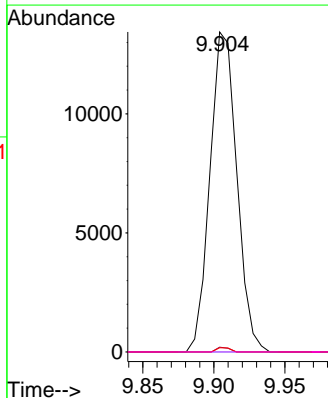
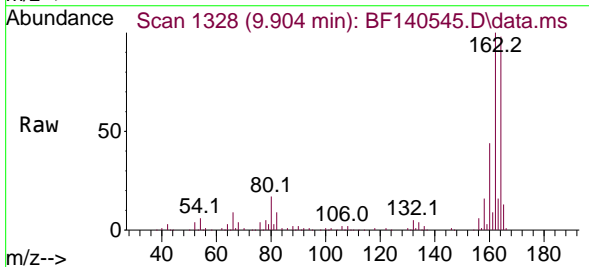
Instrument : BNA\_F  
 ClientSampleId : MH-735

Tgt Ion	Resp	Lower	Upper
165	17711		
165	100		
63	1.5	49.9	74.9#
89	1.3	50.9	76.3#

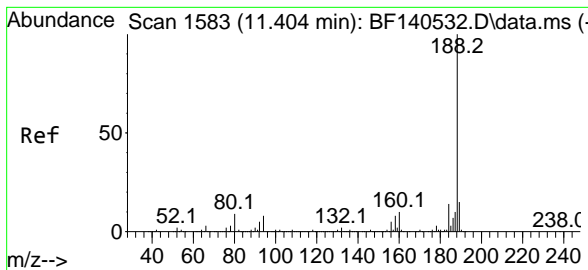


#57  
 2,4-Dinitrotoluene  
 Concen: 6.409 ng  
 RT: 9.904 min Scan# 1328  
 Delta R.T. -0.200 min  
 Lab File: BF140545.D  
 Acq: 21 Nov 2024 19:40

Tgt Ion	Resp	Lower	Upper
165	17711		
165	100		
63	1.5	41.7	62.5#
89	1.3	65.8	98.8#
182	0.0	2.1	3.1#





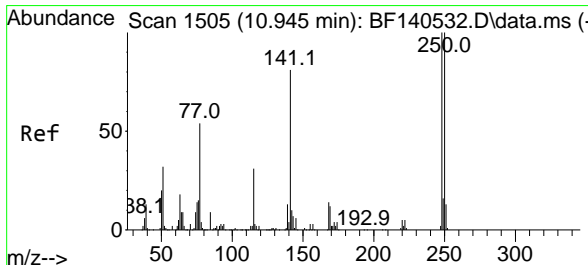
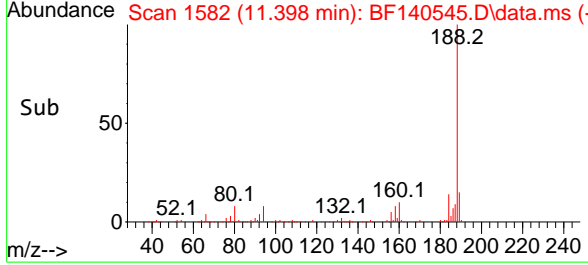
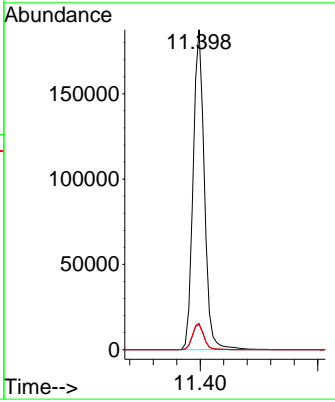
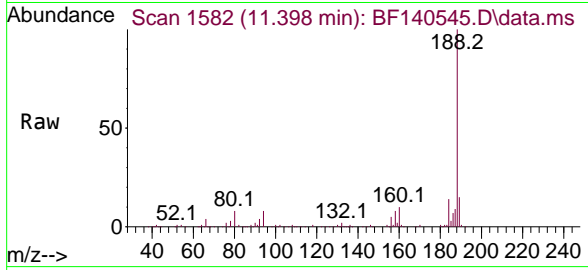


#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.398 min Scan# 1463  
 Delta R.T. -0.006 min  
 Lab File: BF140545.D  
 Acq: 21 Nov 2024 19:40

Instrument : BNA\_F  
 ClientSampleId : MH-735

Tgt Ion:188 Resp: 248493

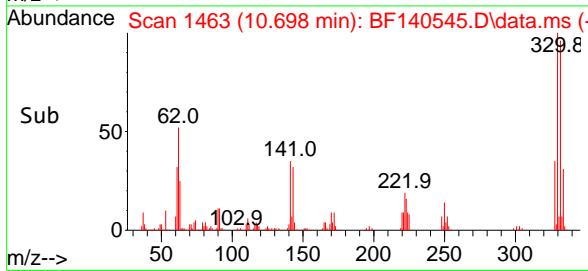
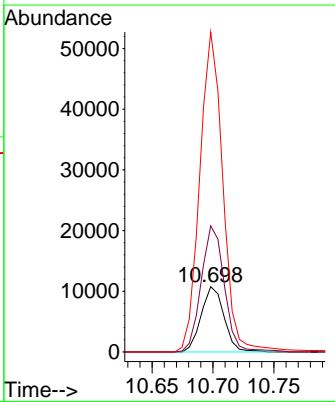
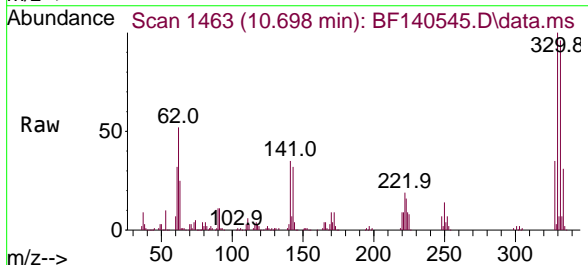
Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.4	9.6
80	8.2	6.9	10.3

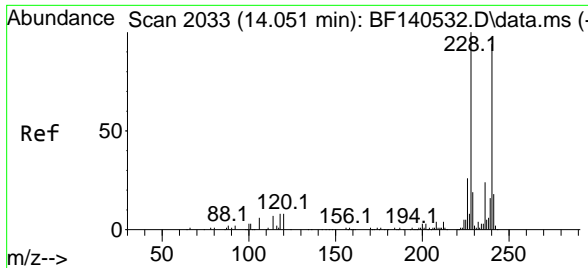


#67  
 4-Bromophenyl-phenylether  
 Concen: 5.488 ng  
 RT: 10.698 min Scan# 1463  
 Delta R.T. -0.247 min  
 Lab File: BF140545.D  
 Acq: 21 Nov 2024 19:40

Tgt Ion:248 Resp: 14044

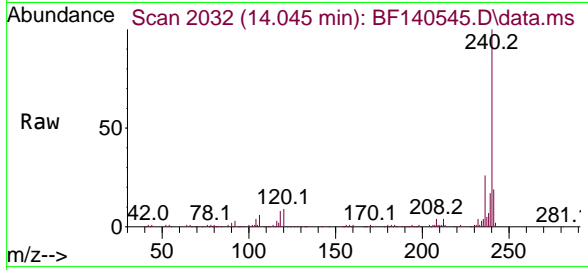
Ion	Ratio	Lower	Upper
248	100		
250	193.3	79.8	119.8#
141	490.4	64.7	97.1#





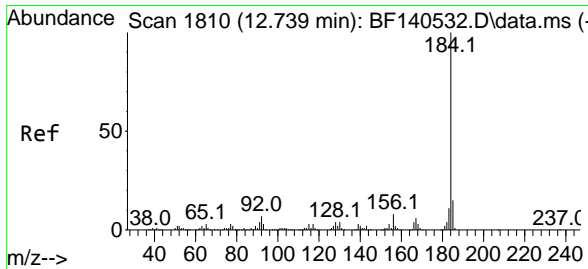
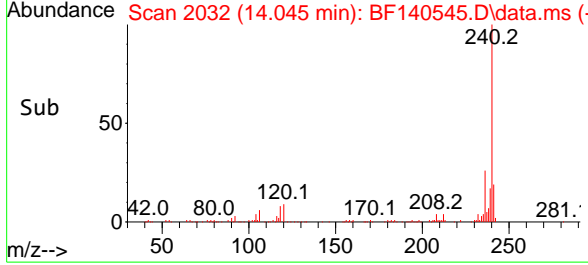
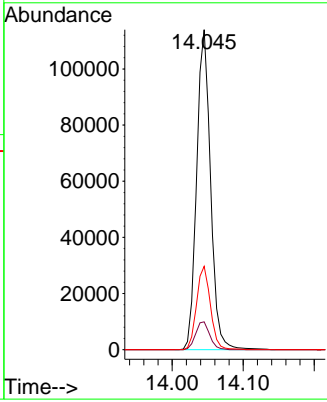
#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.045 min Scan# 2032  
 Delta R.T. -0.006 min  
 Lab File: BF140545.D  
 Acq: 21 Nov 2024 19:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MH-735



Tgt Ion:240 Resp: 155361

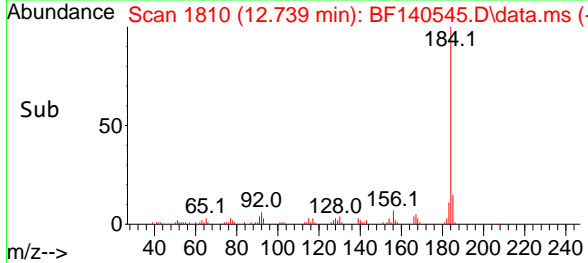
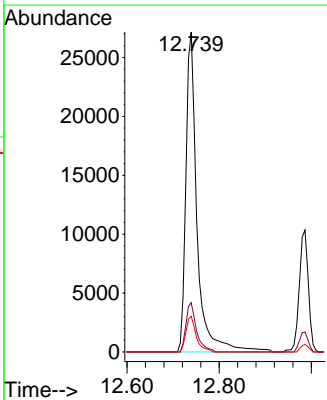
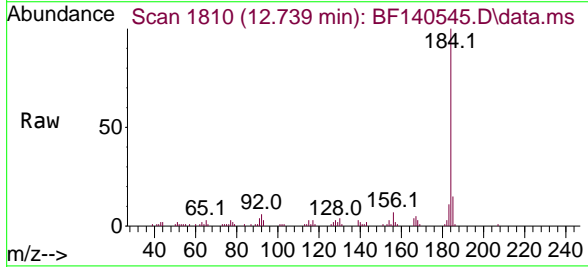
Ion	Ratio	Lower	Upper
240	100		
120	8.7	7.3	10.9
236	26.1	20.6	31.0

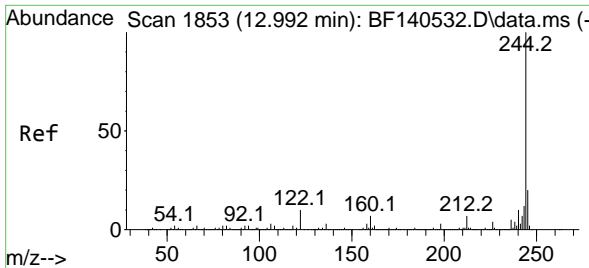


#77  
 Benzdine  
 Concen: 10.097 ng  
 RT: 12.739 min Scan# 1810  
 Delta R.T. 0.000 min  
 Lab File: BF140545.D  
 Acq: 21 Nov 2024 19:40

Tgt Ion:184 Resp: 45608

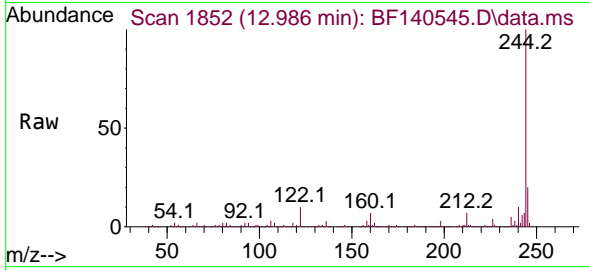
Ion	Ratio	Lower	Upper
184	100		
185	15.4	11.7	17.5
183	11.2	8.8	13.2



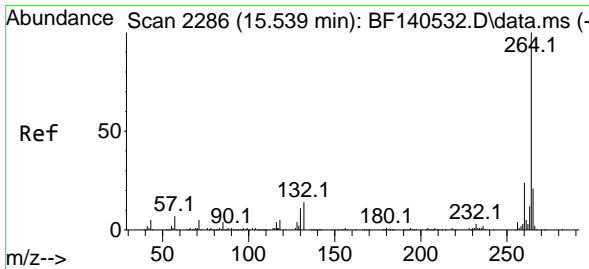
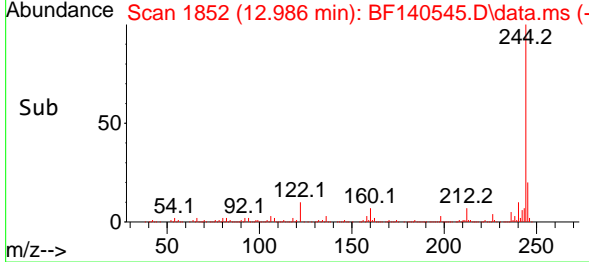
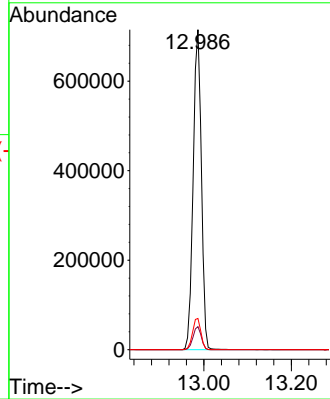


#79  
 Terphenyl-d14  
 Concen: 93.427 ng  
 RT: 12.986 min Scan# 1852  
 Delta R.T. -0.006 min  
 Lab File: BF140545.D  
 Acq: 21 Nov 2024 19:40

Instrument : BNA\_F  
 ClientSampleId : MH-735



Tgt Ion:244 Resp: 932153  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.8 8.8  
 122 9.7 8.0 12.0



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.533 min Scan# 2285  
 Delta R.T. -0.006 min  
 Lab File: BF140545.D  
 Acq: 21 Nov 2024 19:40

Tgt Ion:264 Resp: 113706  
 Ion Ratio Lower Upper  
 264 100  
 260 24.2 19.0 28.6  
 265 21.8 16.6 25.0

