

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103124\
 Data File : BF140181.D
 Acq On : 31 Oct 2024 11:40
 Operator : RC/JU
 Sample : P4612-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MOO-24-00335

Quant Time: Oct 31 12:58:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

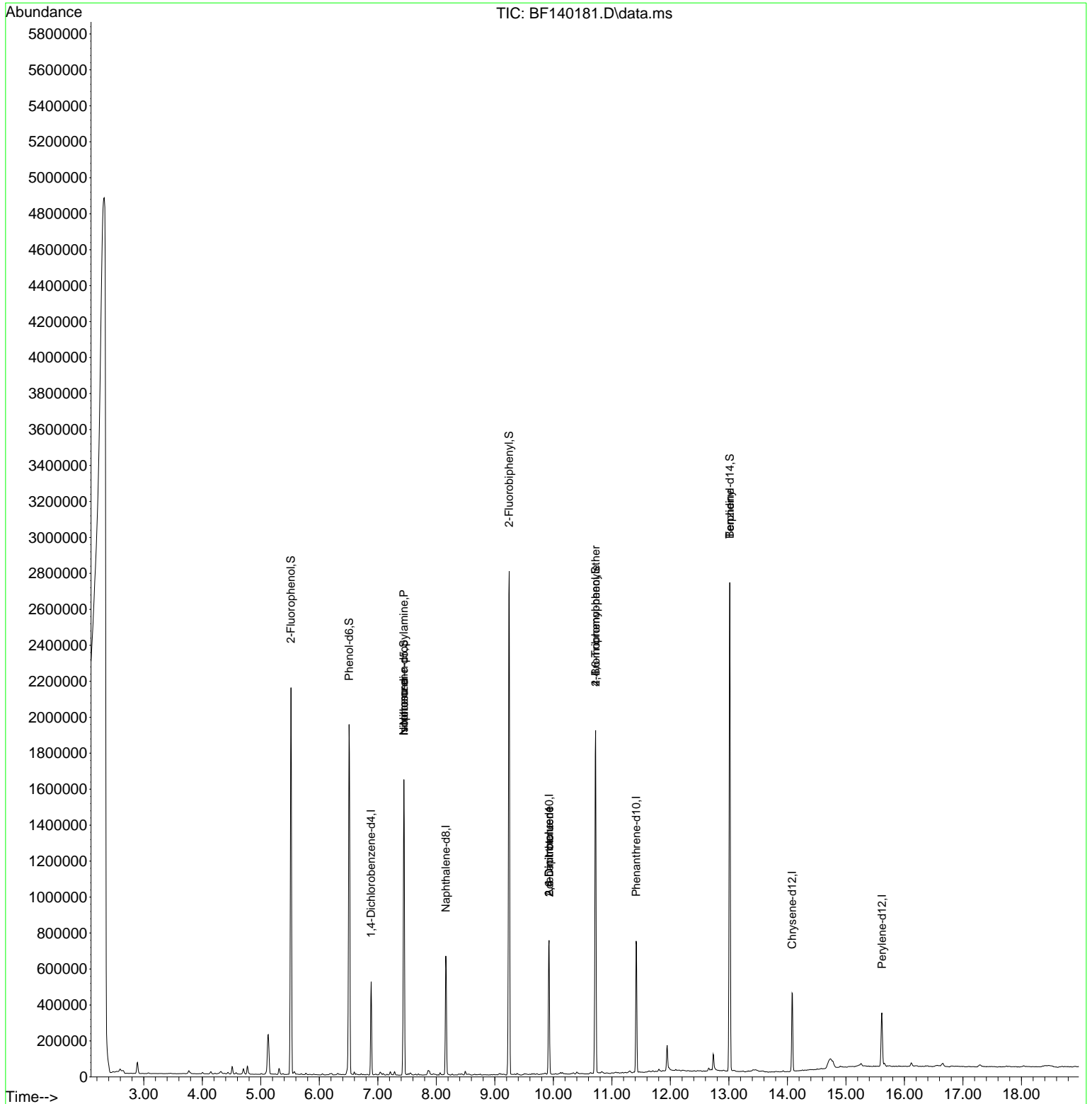
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	101118	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	395867	20.000	ng	-0.01
39) Acenaphthene-d10	9.927	164	225855	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	390494	20.000	ng	0.00
76) Chrysene-d12	14.080	240	214724	20.000	ng	0.03
86) Perylene-d12	15.615	264	179636	20.000	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	794078	122.938	ng	0.02
7) Phenol-d6	6.510	99	933889	111.633	ng	0.00
23) Nitrobenzene-d5	7.445	82	750773	105.112	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	341993	161.884	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1304807	95.479	ng	0.00
79) Terphenyl-d14	13.016	244	1379403	104.679	ng	0.02
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	103914	20.481	ng	# 75
25) Isophorone	7.445	82	747972	55.174	ng	# 67
51) 2,6-Dinitrotoluene	9.927	165	29238	9.599	ng	# 22
57) 2,4-Dinitrotoluene	9.927	165	29238	7.806	ng	# 21
67) 4-Bromophenyl-phenylether	10.722	248	21954	5.457	ng	# 1
77) Benzidine	13.016	184	19035	5.391	ng	# 97

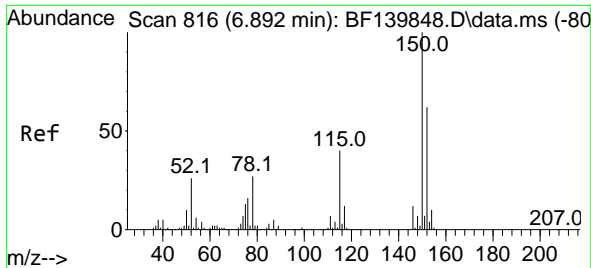
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 QLast Update : Fri Oct 18 15:07:50 2024
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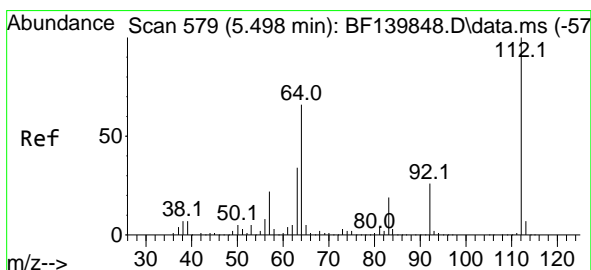
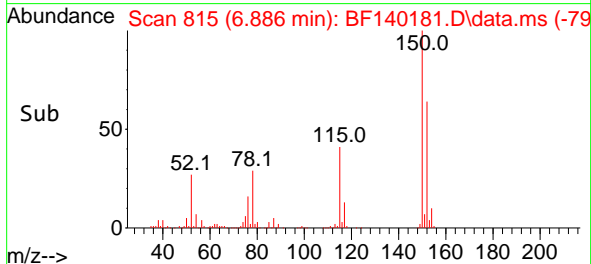
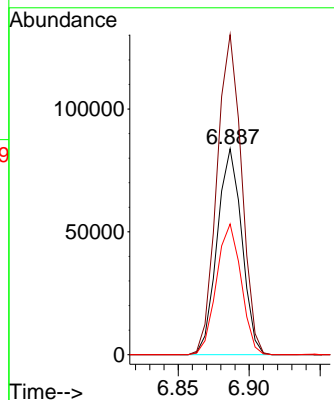
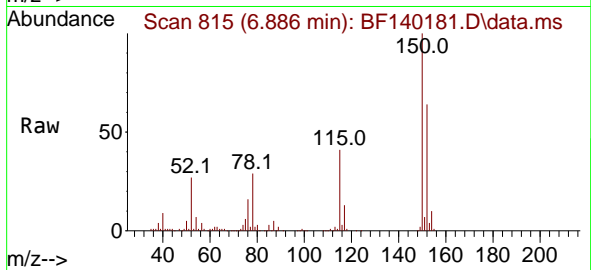




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.886 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF140181.D
 Acq: 31 Oct 2024 11:40

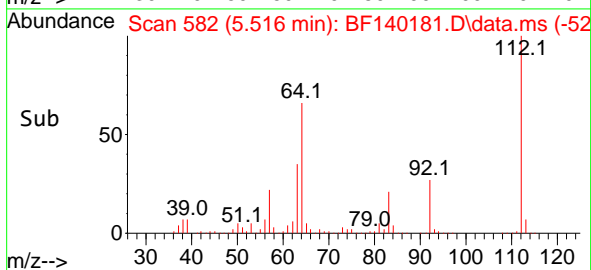
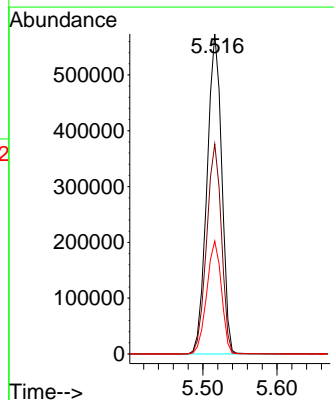
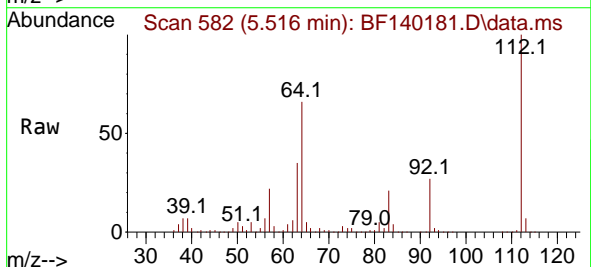
Instrument :
 BNA_F
 ClientSampleId :
 MOO-24-00335

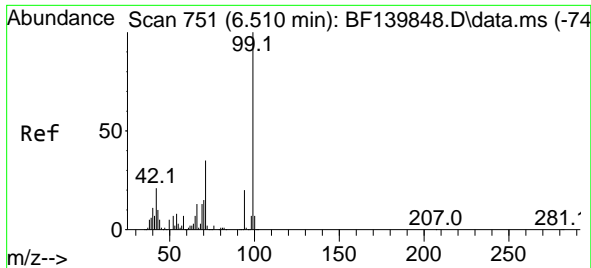
Tgt Ion:152 Resp: 101118
 Ion Ratio Lower Upper
 152 100
 150 155.4 130.2 195.2
 115 63.5 51.4 77.2



#5
 2-Fluorophenol
 Concen: 122.938 ng
 RT: 5.516 min Scan# 582
 Delta R.T. 0.018 min
 Lab File: BF140181.D
 Acq: 31 Oct 2024 11:40

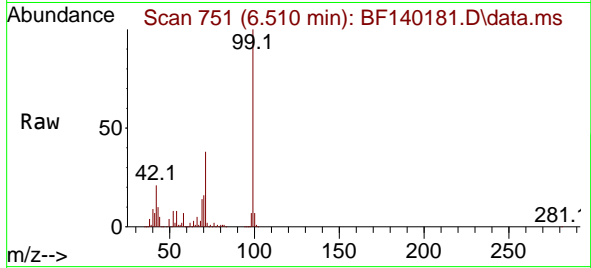
Tgt Ion:112 Resp: 794078
 Ion Ratio Lower Upper
 112 100
 64 65.6 53.0 79.6
 63 35.3 27.0 40.4



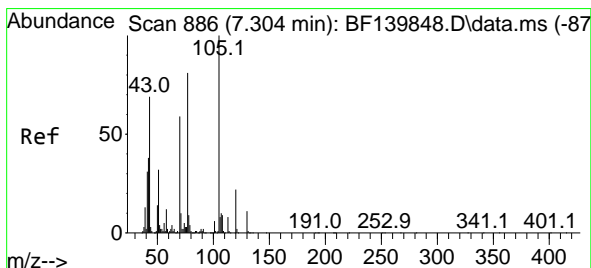
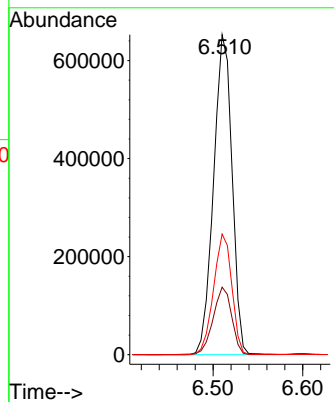
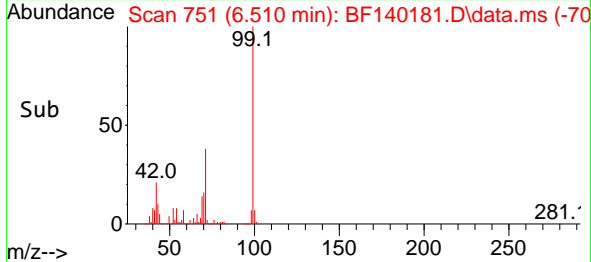


#7
 Phenol-d6
 Concen: 111.633 ng
 RT: 6.510 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF140181.D
 Acq: 31 Oct 2024 11:40

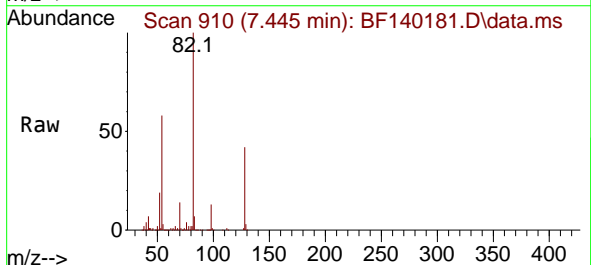
Instrument :
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 ClientSampleId :
 MOO-24-00335



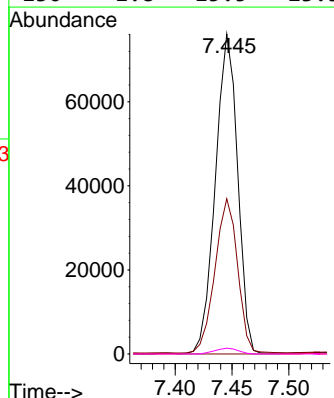
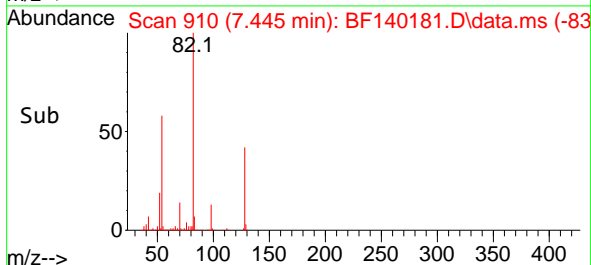
Tgt Ion: 99 Resp: 933889
 Ion Ratio Lower Upper
 99 100
 42 21.1 16.7 25.1
 71 37.7 27.7 41.5

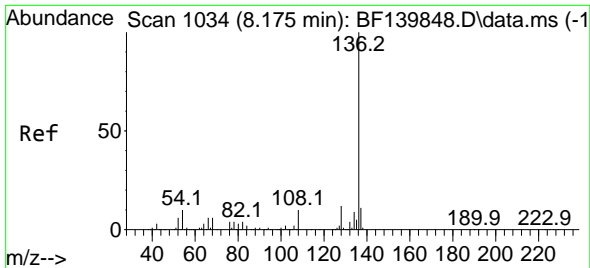


#19
 n-Nitroso-di-n-propylamine
 Concen: 20.481 ng
 RT: 7.445 min Scan# 910
 Delta R.T. 0.141 min
 Lab File: BF140181.D
 Acq: 31 Oct 2024 11:40



Tgt Ion: 70 Resp: 103914
 Ion Ratio Lower Upper
 70 100
 42 48.5 51.5 77.3#
 101 0.0 7.5 11.3#
 130 1.8 15.5 23.3#



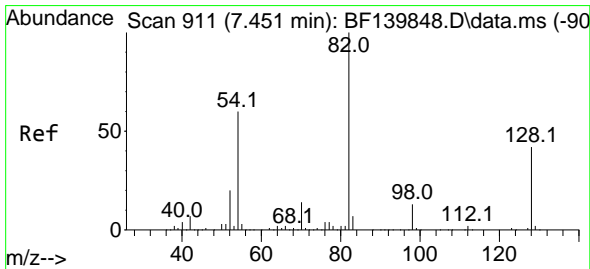
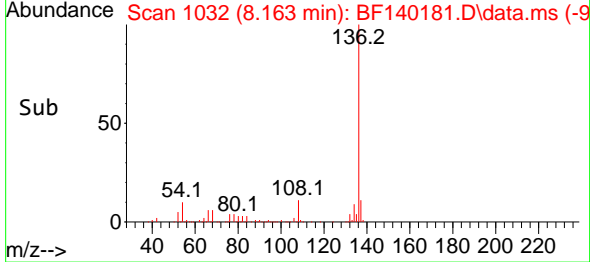
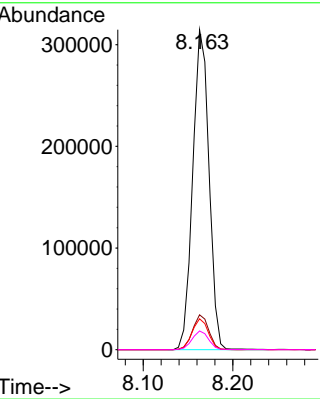
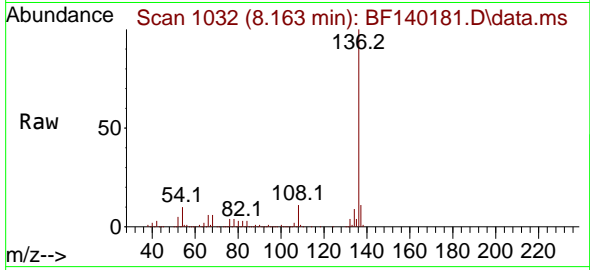


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.163 min Scan# 10
 Delta R.T. -0.012 min
 Lab File: BF140181.D
 Acq: 31 Oct 2024 11:40

Instrument :
 BNA_F
 ClientSampleId :
 MOO-24-00335

Tgt Ion:136 Resp: 395867

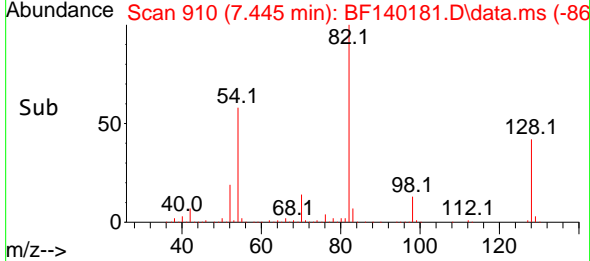
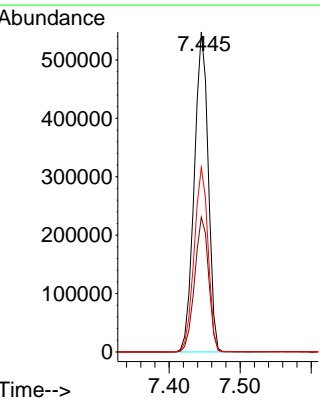
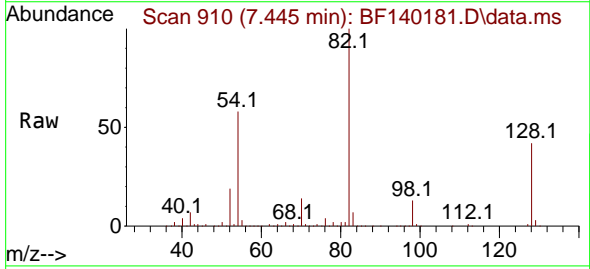
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.7	8.4	12.6
68	5.8	5.1	7.7

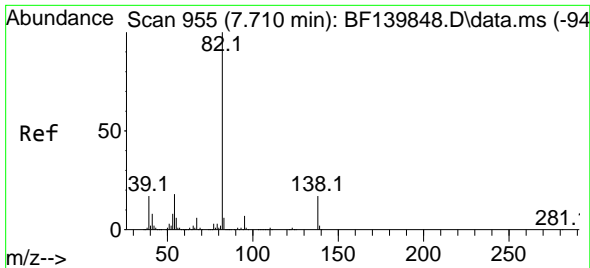


#23
 Nitrobenzene-d5
 Concen: 105.112 ng
 RT: 7.445 min Scan# 910
 Delta R.T. -0.006 min
 Lab File: BF140181.D
 Acq: 31 Oct 2024 11:40

Tgt Ion: 82 Resp: 750773

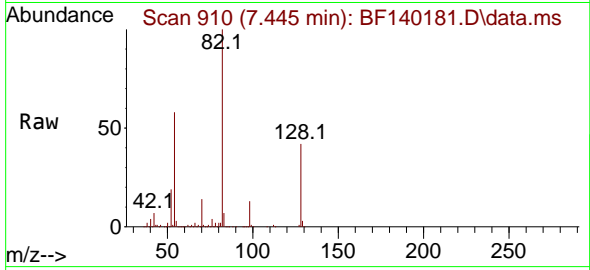
Ion	Ratio	Lower	Upper
82	100		
128	42.1	33.4	50.0
54	57.7	47.8	71.8



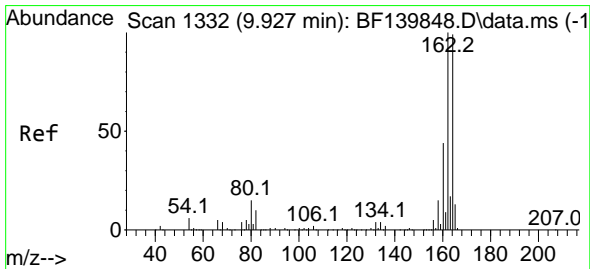
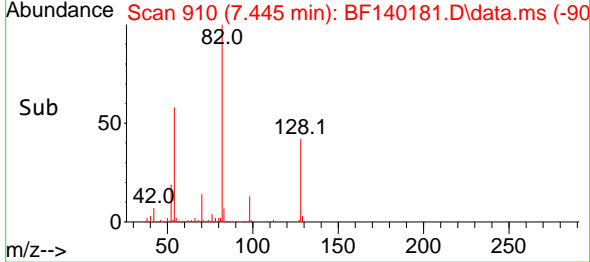
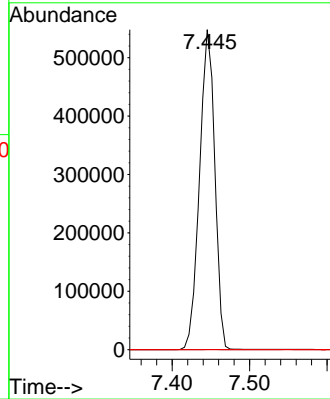


#25
 Isophorone
 Concen: 55.174 ng
 RT: 7.445 min Scan# 910
 Delta R.T. -0.265 min
 Lab File: BF140181.D
 Acq: 31 Oct 2024 11:40

Instrument :
 BNA_F
 ClientSampleId :
 MOO-24-00335

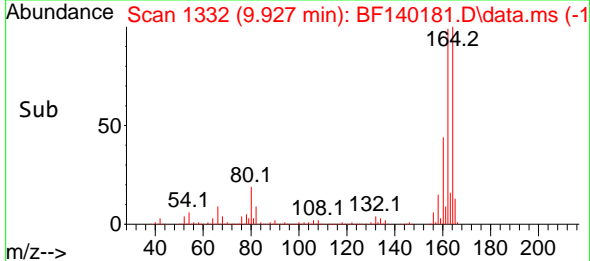
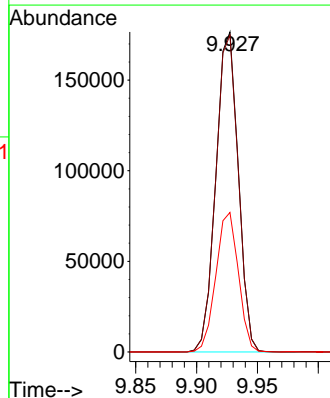
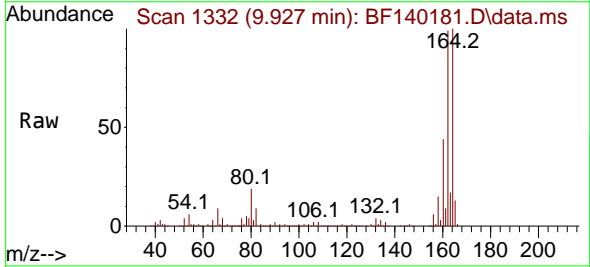


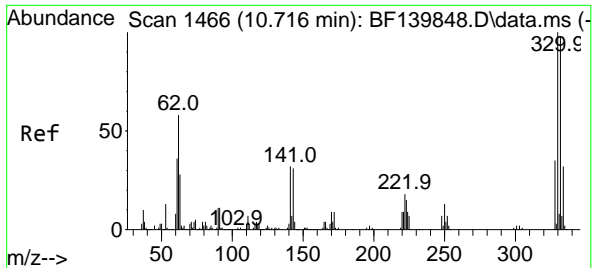
Tgt Ion: 82 Resp: 747972
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.5 8.3#
 138 0.0 13.2 19.8#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.927 min Scan# 1332
 Delta R.T. 0.000 min
 Lab File: BF140181.D
 Acq: 31 Oct 2024 11:40

Tgt Ion: 164 Resp: 225855
 Ion Ratio Lower Upper
 164 100
 162 99.0 81.0 121.4
 160 43.6 35.4 53.0

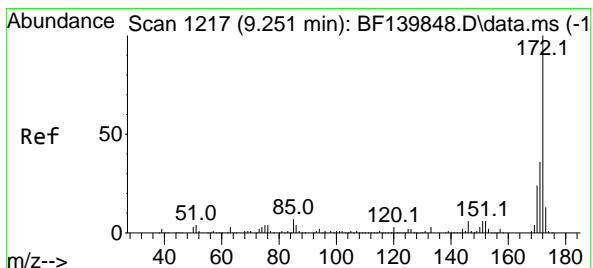
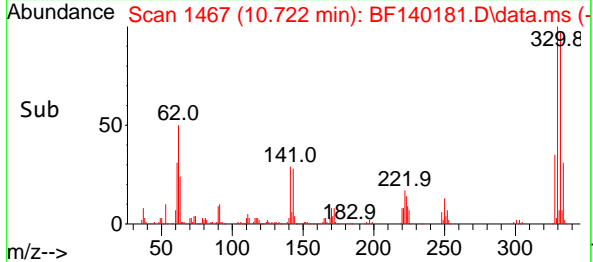
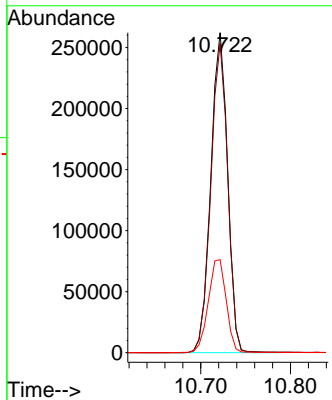
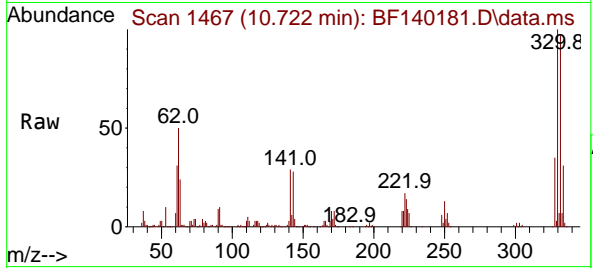




#42
 2,4,6-Tribromophenol
 Concen: 161.884 ng
 RT: 10.722 min Scan# 14
 Delta R.T. 0.006 min
 Lab File: BF140181.D
 Acq: 31 Oct 2024 11:40

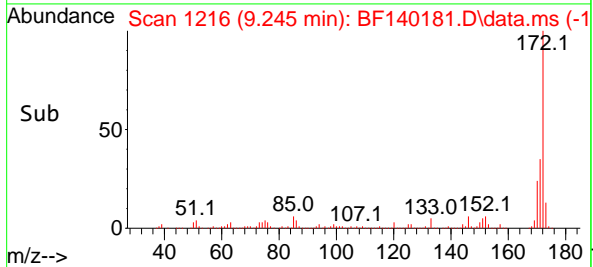
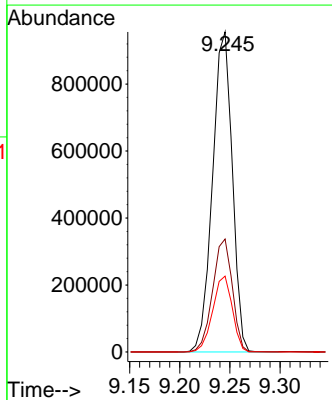
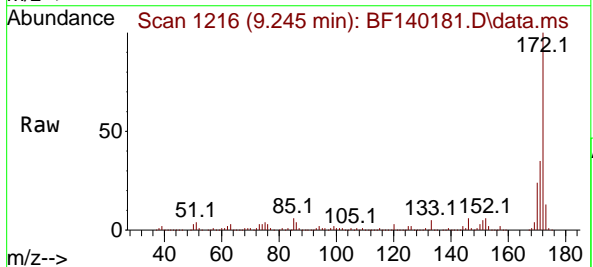
Instrument :
 BNA_F
 ClientSampleId :
 MOO-24-00335

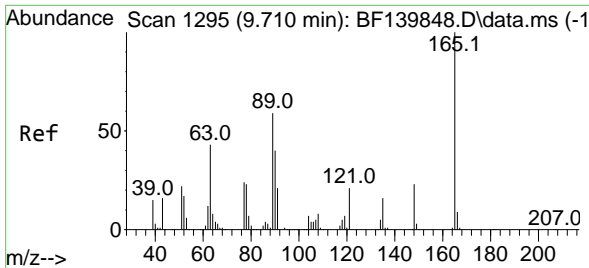
Tgt Ion	Resp	Lower	Upper
330	100		
332	96.9	78.1	117.1
141	31.0	26.6	39.8



#45
 2-Fluorobiphenyl
 Concen: 95.479 ng
 RT: 9.245 min Scan# 1216
 Delta R.T. -0.006 min
 Lab File: BF140181.D
 Acq: 31 Oct 2024 11:40

Tgt Ion	Resp	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	23.7	19.1	28.7



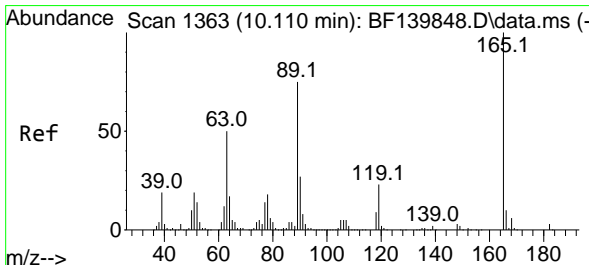
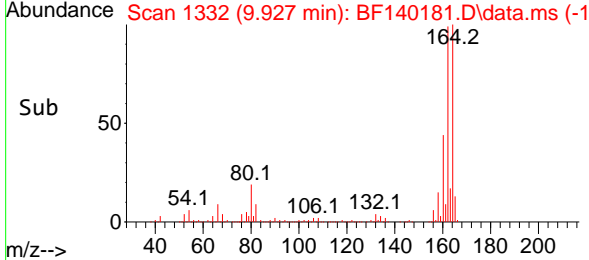
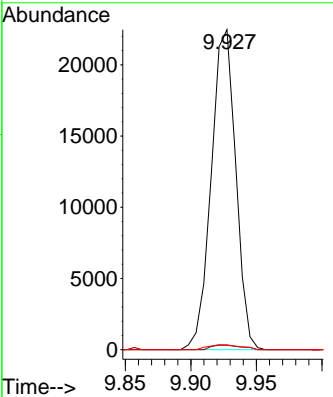
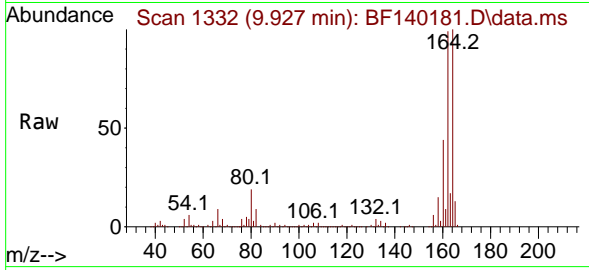


#51
 2,6-Dinitrotoluene
 Concen: 9.599 ng
 RT: 9.927 min Scan# 1332
 Delta R.T. 0.218 min
 Lab File: BF140181.D
 Acq: 31 Oct 2024 11:40

Instrument : BNA_F
 ClientSampleId : MOO-24-00335

Tgt Ion:165 Resp: 29238

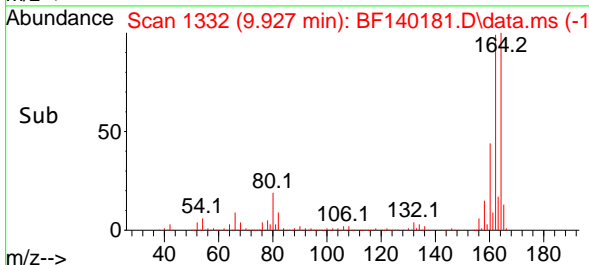
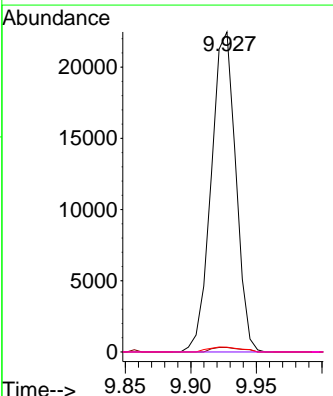
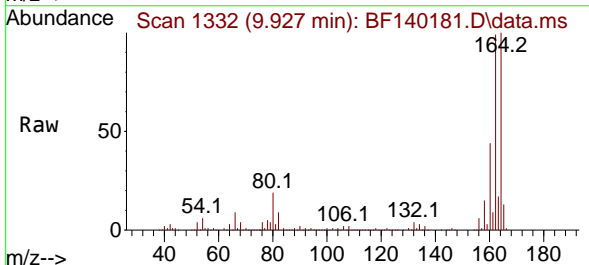
Ion	Ratio	Lower	Upper
165	100		
63	1.4	50.6	75.8#
89	1.5	47.5	71.3#

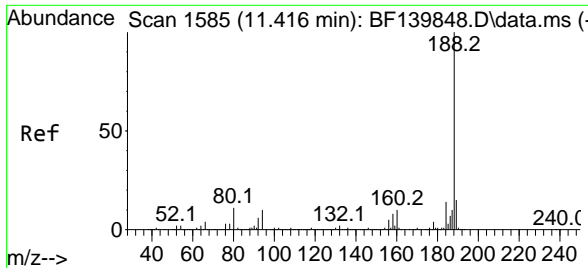


#57
 2,4-Dinitrotoluene
 Concen: 7.806 ng
 RT: 9.927 min Scan# 1332
 Delta R.T. -0.182 min
 Lab File: BF140181.D
 Acq: 31 Oct 2024 11:40

Tgt Ion:165 Resp: 29238

Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.1	60.1#
89	1.5	60.4	90.6#
182	0.0	2.0	3.0#



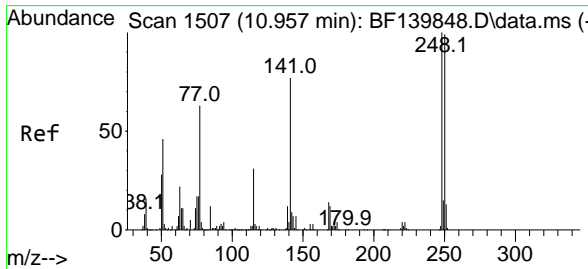
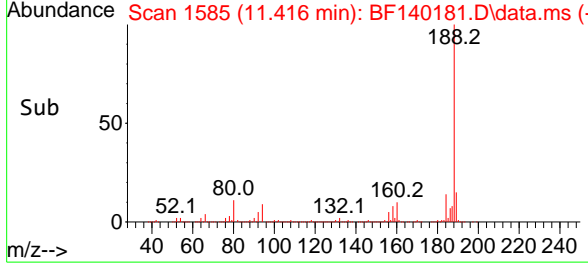
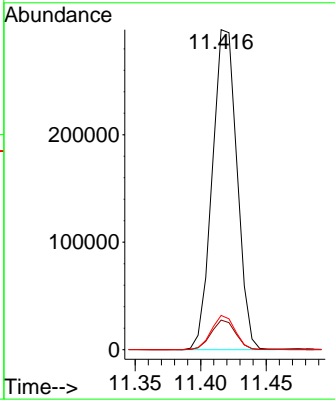
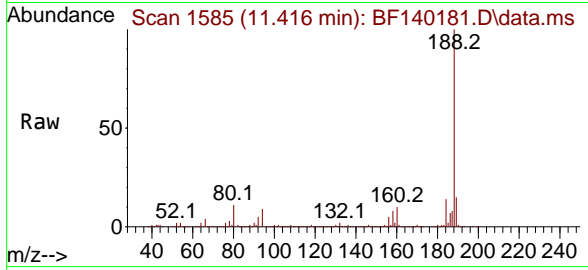


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.416 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF140181.D
 Acq: 31 Oct 2024 11:40

Instrument : BNA_F
 ClientSampleId : MOO-24-00335

Tgt Ion:188 Resp: 390494

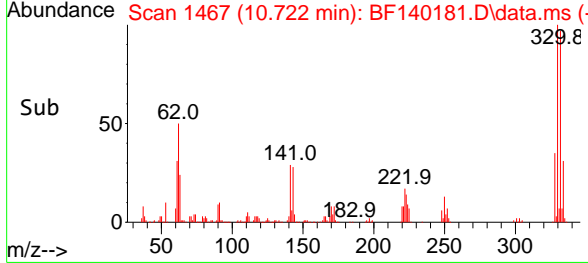
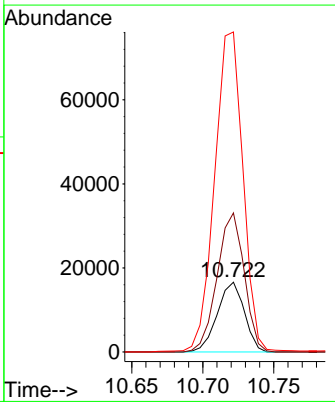
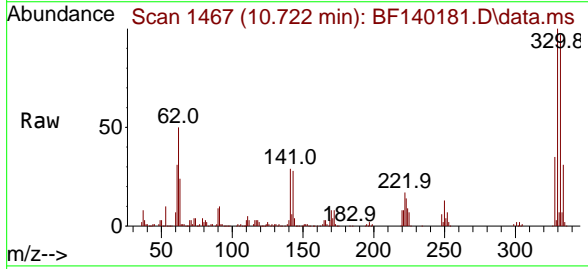
Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.9	11.9
80	10.7	9.0	13.4

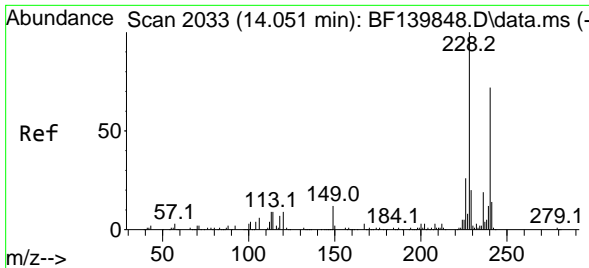


#67
 4-Bromophenyl-phenylether
 Concen: 5.457 ng
 RT: 10.722 min Scan# 1467
 Delta R.T. -0.235 min
 Lab File: BF140181.D
 Acq: 31 Oct 2024 11:40

Tgt Ion:248 Resp: 21954

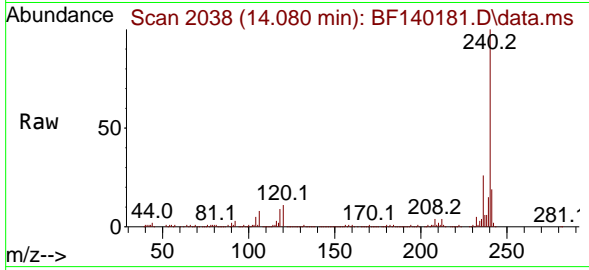
Ion	Ratio	Lower	Upper
248	100		
250	199.4	79.0	118.6#
141	459.2	61.7	92.5#



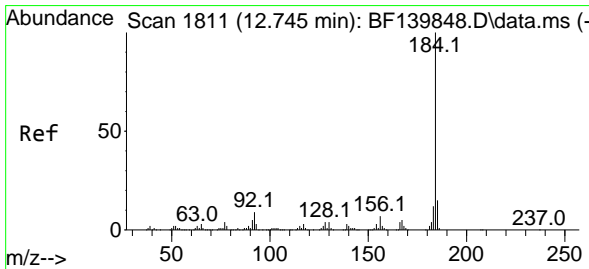
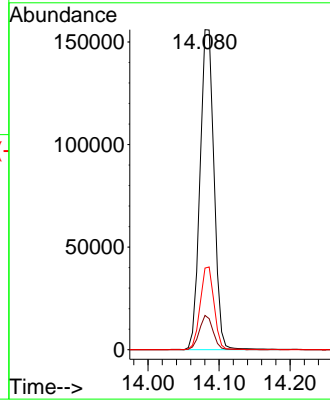
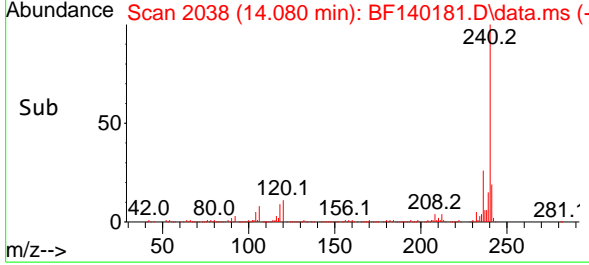


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.080 min Scan# 2038
 Delta R.T. 0.029 min
 Lab File: BF140181.D
 Acq: 31 Oct 2024 11:40

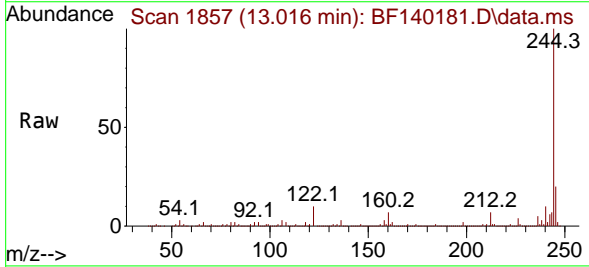
Instrument :
 BNA_F
 ClientSampleId :
 MOO-24-00335



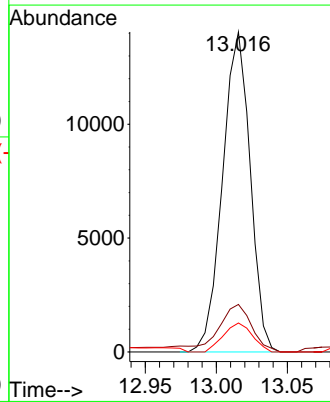
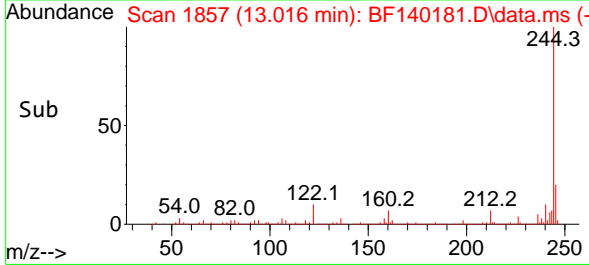
Tgt Ion:240 Resp: 214724
 Ion Ratio Lower Upper
 240 100
 120 10.7 9.4 14.2
 236 25.5 20.9 31.3

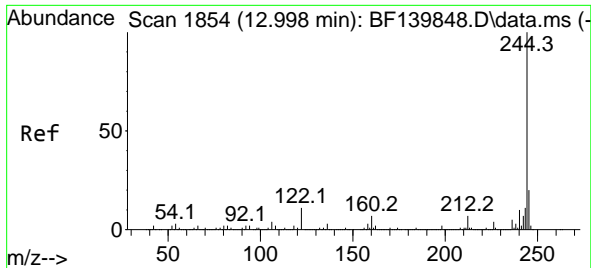


#77
 Benzdine
 Concen: 5.391 ng
 RT: 13.016 min Scan# 1857
 Delta R.T. 0.271 min
 Lab File: BF140181.D
 Acq: 31 Oct 2024 11:40



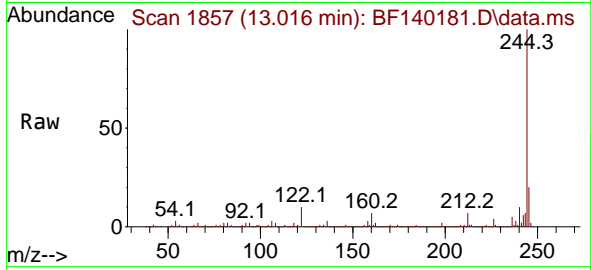
Tgt Ion:184 Resp: 19035
 Ion Ratio Lower Upper
 184 100
 185 14.8 12.0 18.0
 183 9.1 9.4 14.2#





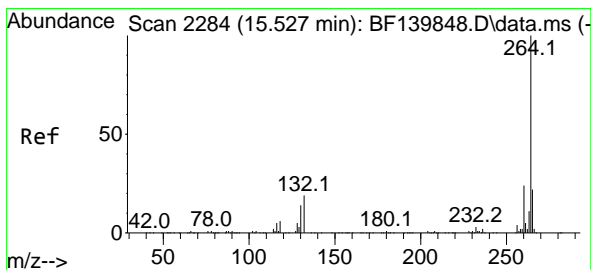
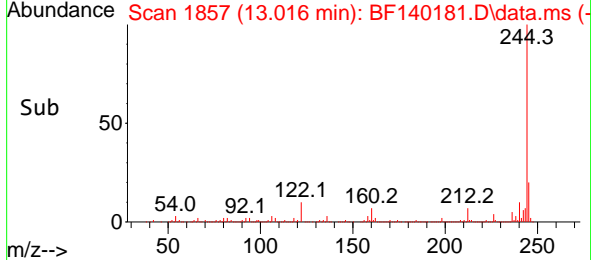
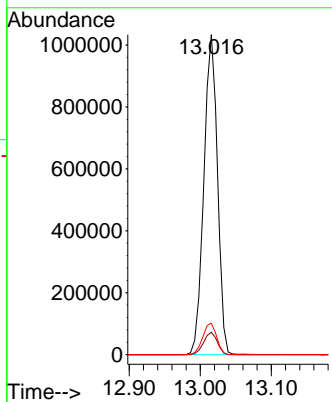
#79
 Terphenyl-d14
 Concen: 104.679 ng
 RT: 13.016 min Scan# 11
 Delta R.T. 0.018 min
 Lab File: BF140181.D
 Acq: 31 Oct 2024 11:40

Instrument : BNA_F
 ClientSampleId : MOO-24-00335



Tgt Ion:244 Resp: 1379403

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	9.8	8.6	13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.615 min Scan# 2299
 Delta R.T. 0.088 min
 Lab File: BF140181.D
 Acq: 31 Oct 2024 11:40

Tgt Ion:264 Resp: 179636

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.5	17.4	26.0

