

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050624\
 Data File : BF137838.D
 Acq On : 06 May 2024 12:48
 Operator : CG\JU
 Sample : PB160665BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160665BL

Quant Time: May 06 13:28:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

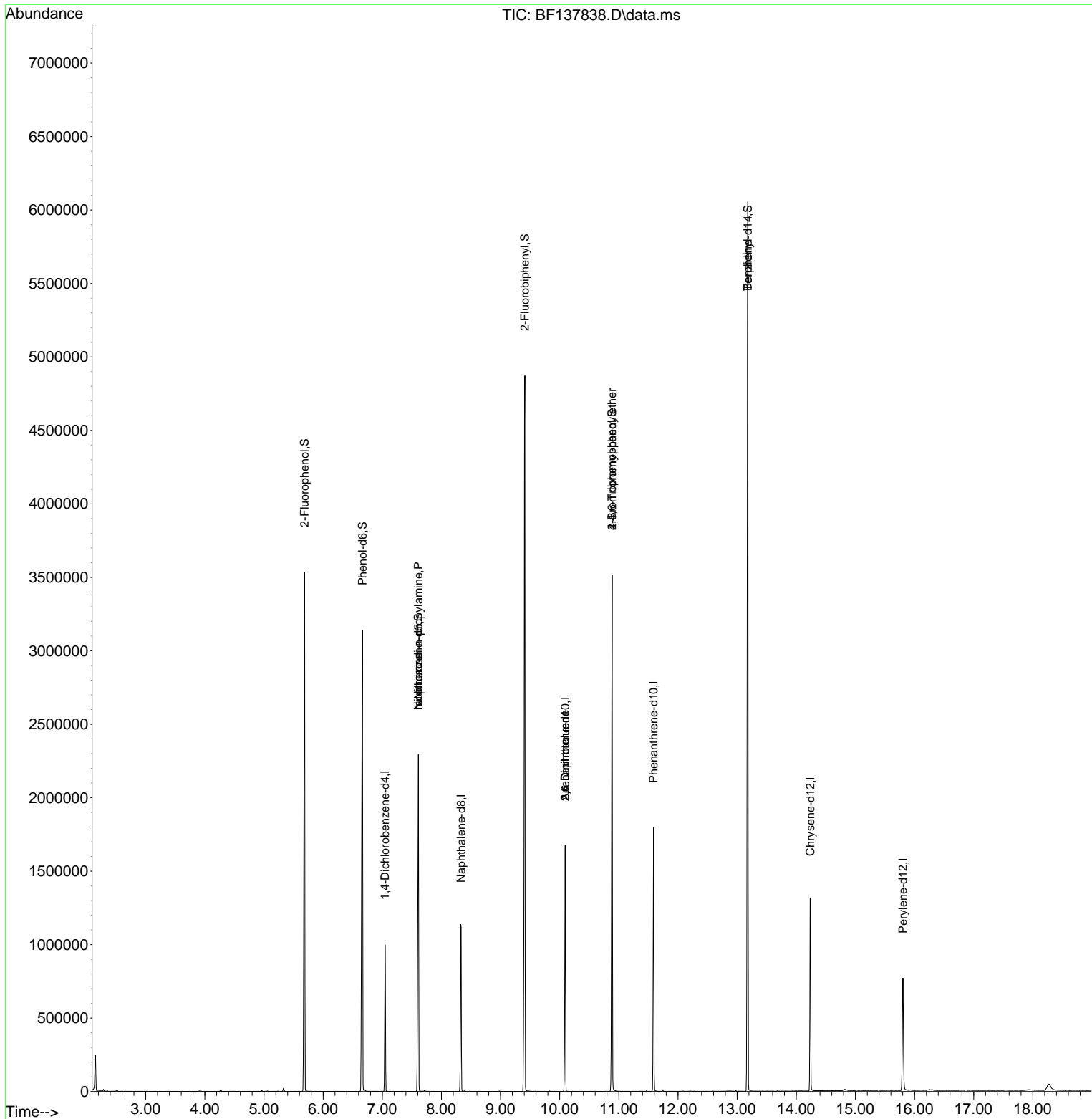
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.046	152	143783	20.000	ng	-0.01
21) Naphthalene-d8	8.334	136	577843	20.000	ng	#-0.01
39) Acenaphthene-d10	10.092	164	330397	20.000	ng	-0.02
64) Phenanthrene-d10	11.587	188	604921	20.000	ng	-0.01
76) Chrysene-d12	14.239	240	461774	20.000	ng	#-0.01
86) Perylene-d12	15.804	264	372247	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1101267	128.238	ng	0.01
7) Phenol-d6	6.663	99	1351895	124.111	ng	-0.01
23) Nitrobenzene-d5	7.610	82	841317	84.589	ng	-0.01
42) 2,4,6-Tribromophenol	10.887	330	449156	133.145	ng	-0.01
45) 2-Fluorobiphenyl	9.410	172	1781738	87.489	ng	-0.01
79) Terphenyl-d14	13.181	244	2261209	82.063	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.610	70	110736	17.011	ng	# 75
25) Isophorone	7.610	82	841304	46.915	ng	# 64
51) 2,6-Dinitrotoluene	10.092	165	42799	8.979	ng	# 26
57) 2,4-Dinitrotoluene	10.092	165	42799	6.873	ng	# 26
67) 4-Bromophenyl-phenylether	10.887	248	29603	4.573	ng	# 1
77) Benzidine	13.181	184	27303	2.557	ng	# 93

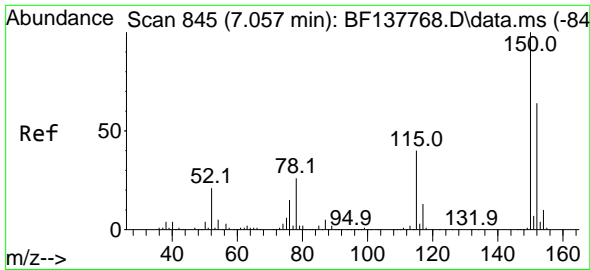
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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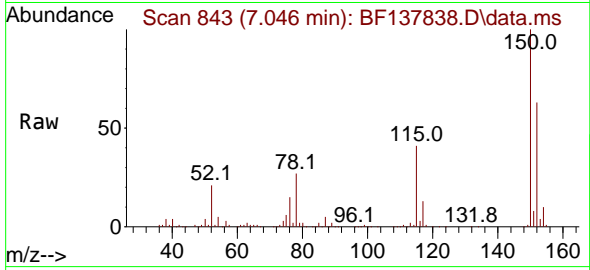
Quant Time: May 06 13:28:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
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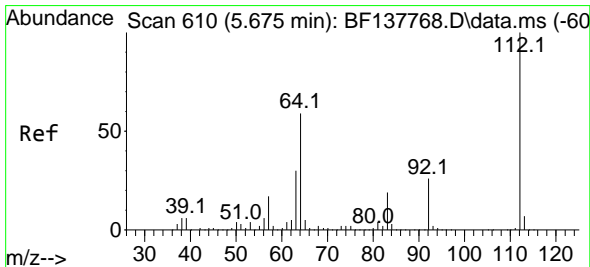
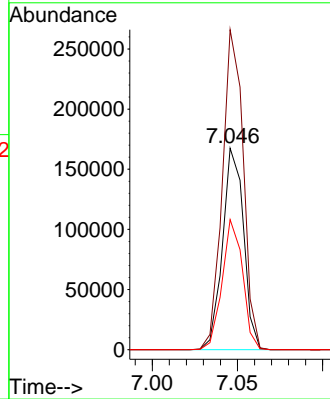
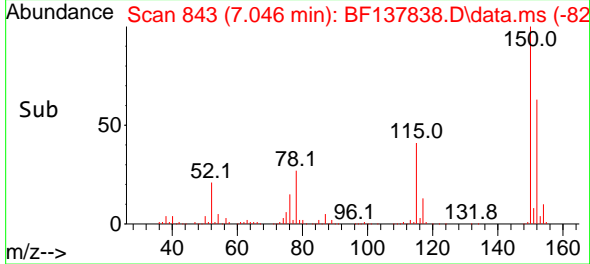


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.046 min Scan# 84
 Delta R.T. -0.011 min
 Lab File: BF137838.D
 Acq: 06 May 2024 12:48

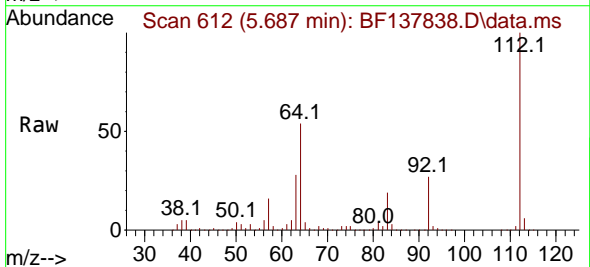
Instrument :
 BNA_F
 ClientSampleId :
 PB160665BL



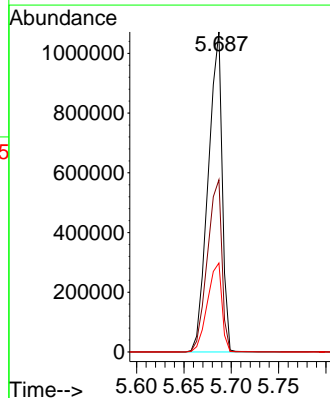
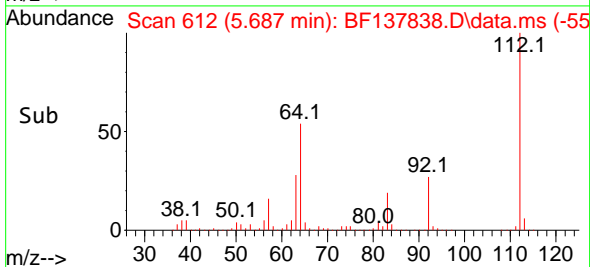
Tgt Ion:152 Resp: 143783
 Ion Ratio Lower Upper
 152 100
 150 158.8 124.1 186.1
 115 64.6 49.1 73.7

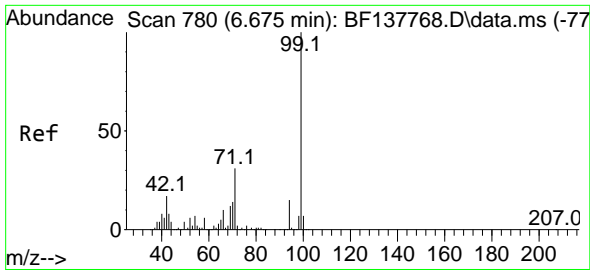


#5
 2-Fluorophenol
 Concen: 128.238 ng
 RT: 5.687 min Scan# 612
 Delta R.T. 0.012 min
 Lab File: BF137838.D
 Acq: 06 May 2024 12:48



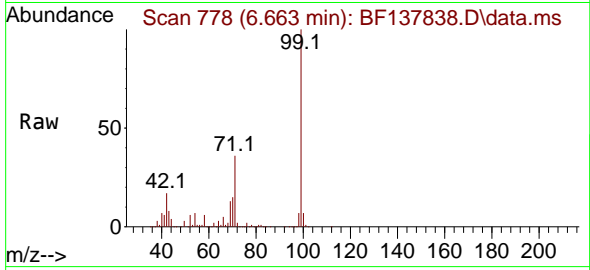
Tgt Ion:112 Resp: 1101267
 Ion Ratio Lower Upper
 112 100
 64 53.8 47.3 70.9
 63 27.8 23.7 35.5





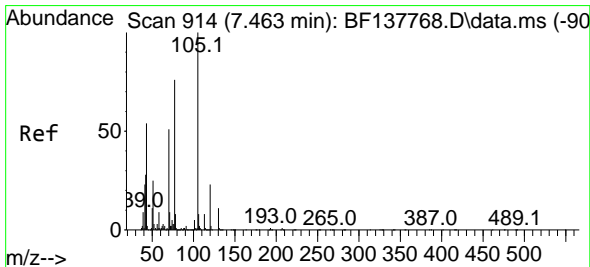
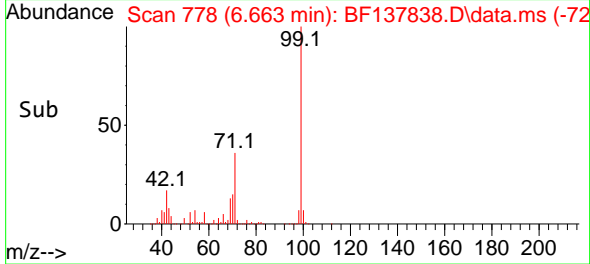
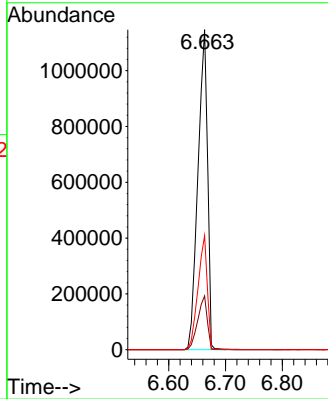
#7
 Phenol-d6
 Concen: 124.111 ng
 RT: 6.663 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BF137838.D
 Acq: 06 May 2024 12:48

Instrument :
 BNA_F
 ClientSampleId :
 PB160665BL



Tgt Ion: 99 Resp: 1351895

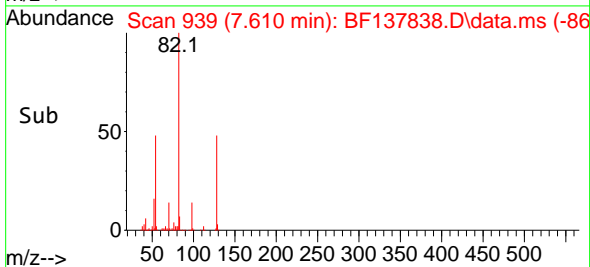
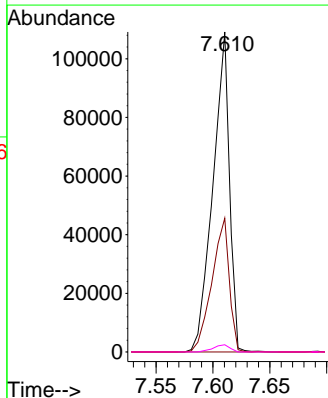
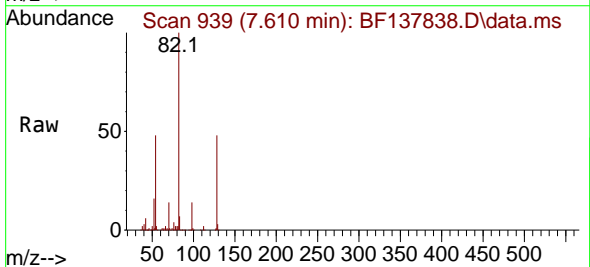
Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.2	19.8
71	35.6	25.0	37.4

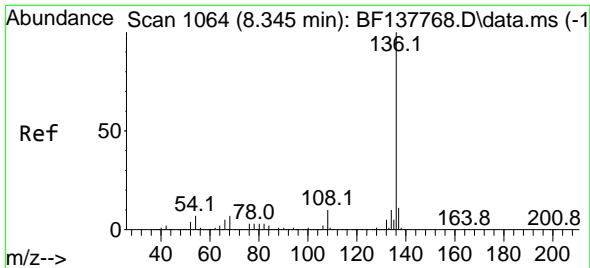


#19
 n-Nitroso-di-n-propylamine
 Concen: 17.011 ng
 RT: 7.610 min Scan# 939
 Delta R.T. 0.147 min
 Lab File: BF137838.D
 Acq: 06 May 2024 12:48

Tgt Ion: 70 Resp: 110736

Ion	Ratio	Lower	Upper
70	100		
42	41.8	44.6	66.8#
101	0.0	7.8	11.6#
130	2.2	17.5	26.3#



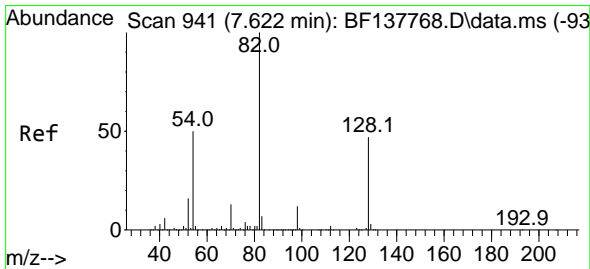
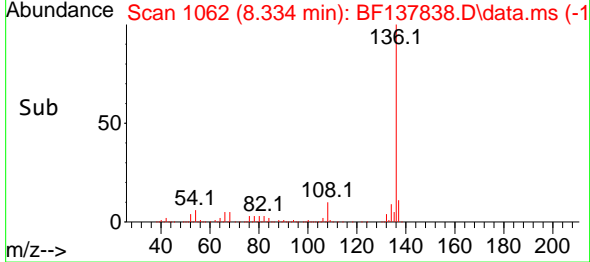
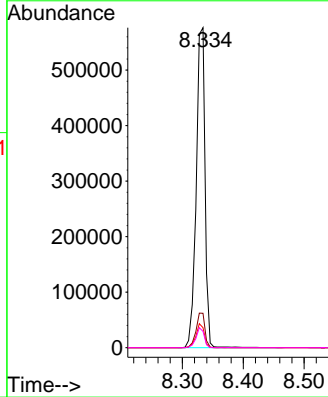
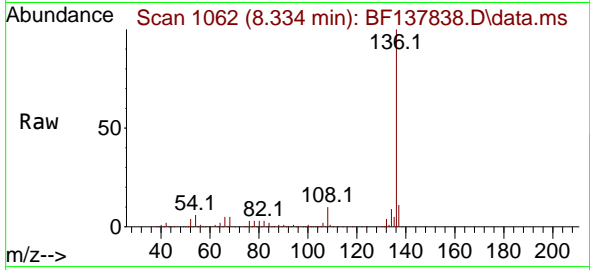


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.334 min Scan# 1062
 Delta R.T. -0.012 min
 Lab File: BF137838.D
 Acq: 06 May 2024 12:48

Instrument : BNA_F
 ClientSampleId : PB160665BL

Tgt Ion:136 Resp: 577843

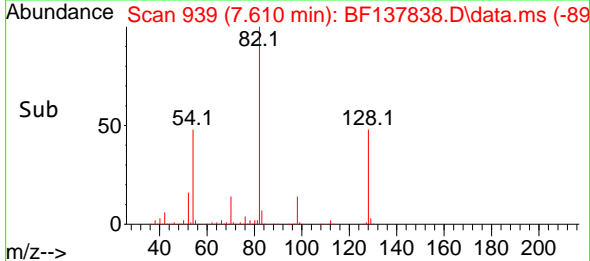
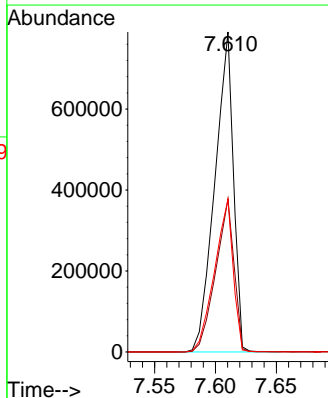
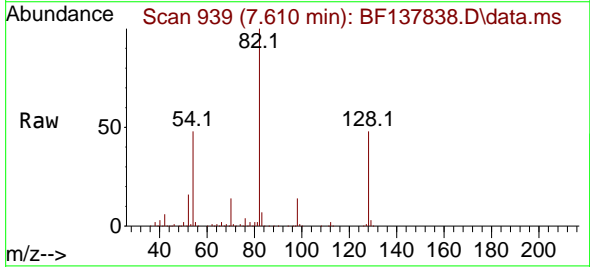
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.3	5.8	8.8
68	5.1	5.2	7.8

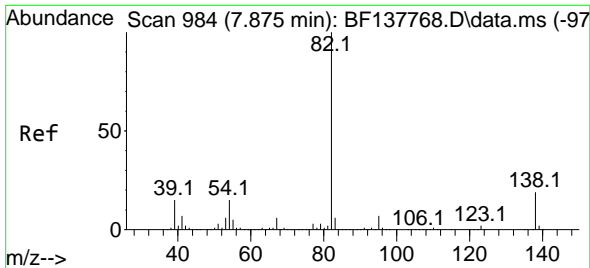


#23
 Nitrobenzene-d5
 Concen: 84.589 ng
 RT: 7.610 min Scan# 939
 Delta R.T. -0.012 min
 Lab File: BF137838.D
 Acq: 06 May 2024 12:48

Tgt Ion: 82 Resp: 841317

Ion	Ratio	Lower	Upper
82	100		
128	47.8	37.5	56.3
54	47.7	39.8	59.6

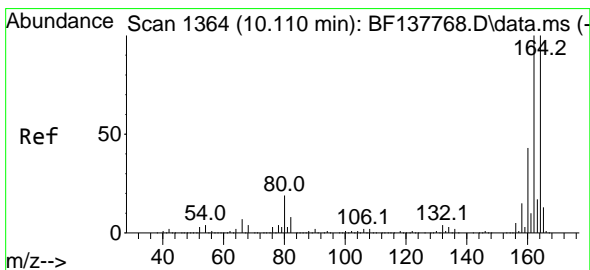
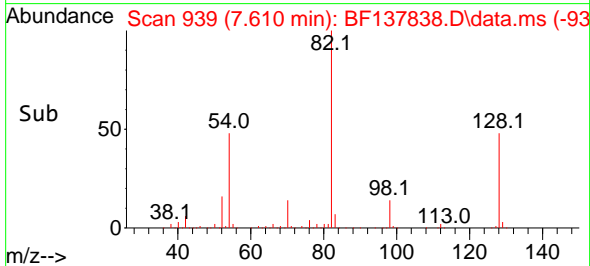
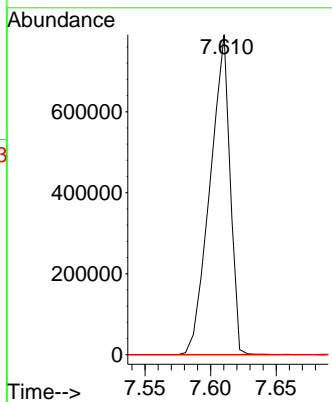
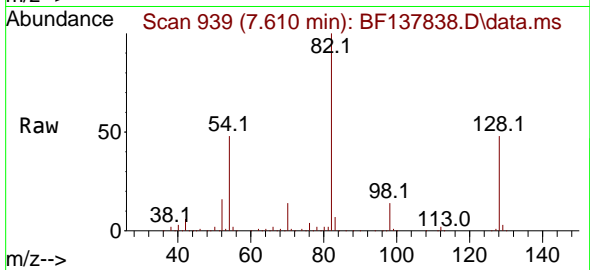




#25
 Isophorone
 Concen: 46.915 ng
 RT: 7.610 min Scan# 91
 Delta R.T. -0.264 min
 Lab File: BF137838.D
 Acq: 06 May 2024 12:48

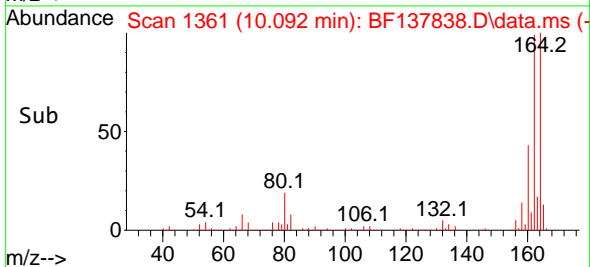
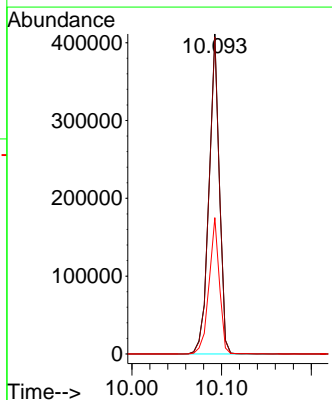
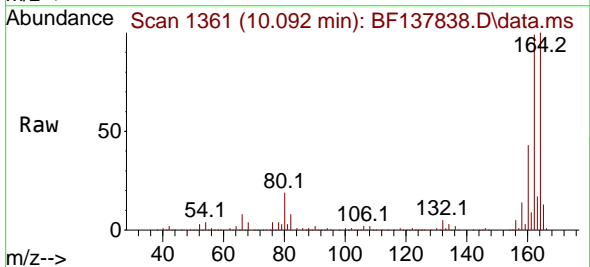
Instrument : BNA_F
 ClientSampleId : PB160665BL

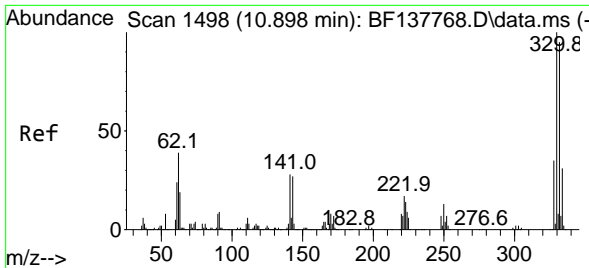
Tgt Ion: 82 Resp: 841304
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.7 8.5#
 138 0.0 15.0 22.6#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.092 min Scan# 1361
 Delta R.T. -0.017 min
 Lab File: BF137838.D
 Acq: 06 May 2024 12:48

Tgt Ion:164 Resp: 330397
 Ion Ratio Lower Upper
 164 100
 162 99.1 79.8 119.6
 160 42.6 34.4 51.6



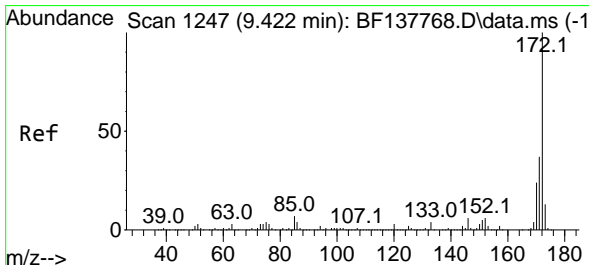
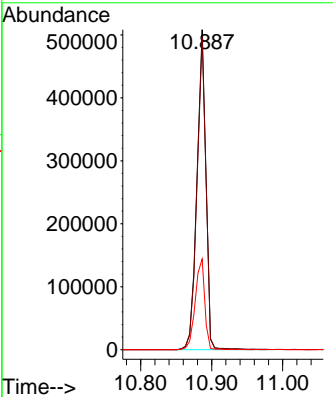
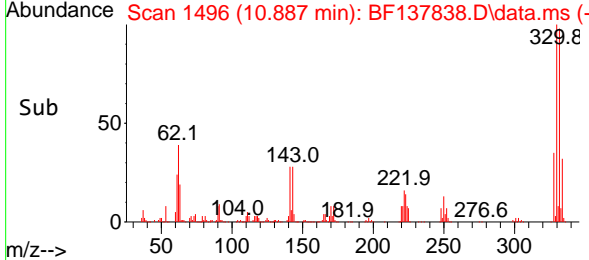
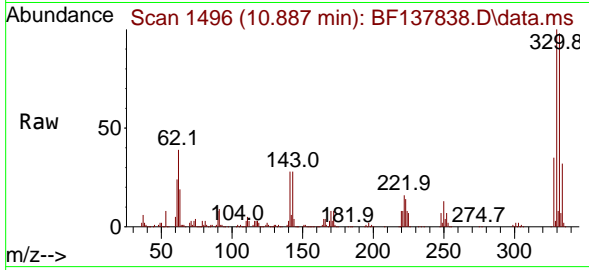


#42
 2,4,6-Tribromophenol
 Concen: 133.145 ng
 RT: 10.887 min Scan# 1496
 Delta R.T. -0.012 min
 Lab File: BF137838.D
 Acq: 06 May 2024 12:48

Instrument : BNA_F
 ClientSampleId : PB160665BL

Tgt Ion: 330 Resp: 449156

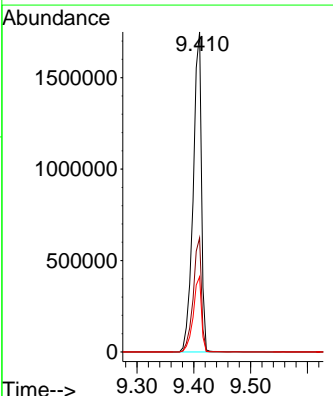
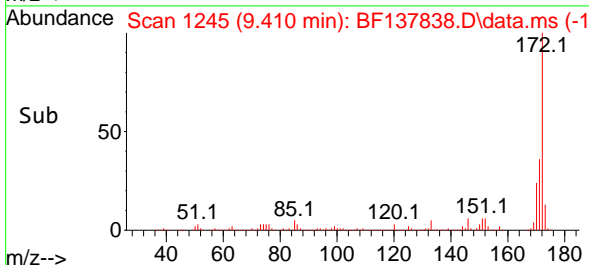
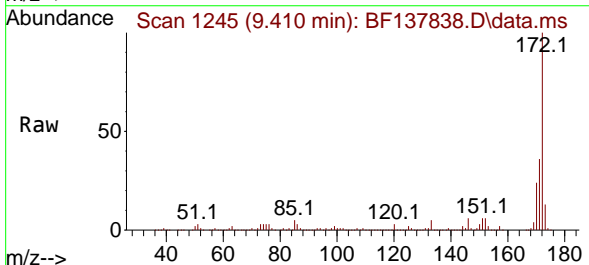
Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.3	115.9
141	30.1	23.8	35.6

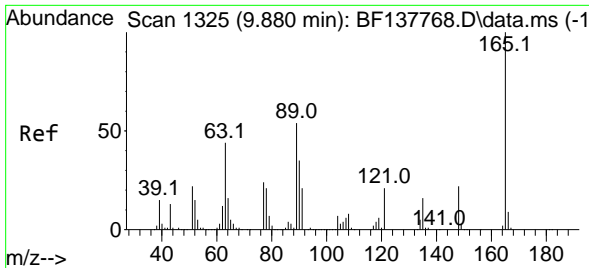


#45
 2-Fluorobiphenyl
 Concen: 87.489 ng
 RT: 9.410 min Scan# 1245
 Delta R.T. -0.012 min
 Lab File: BF137838.D
 Acq: 06 May 2024 12:48

Tgt Ion: 172 Resp: 1781738

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.5	19.4	29.2

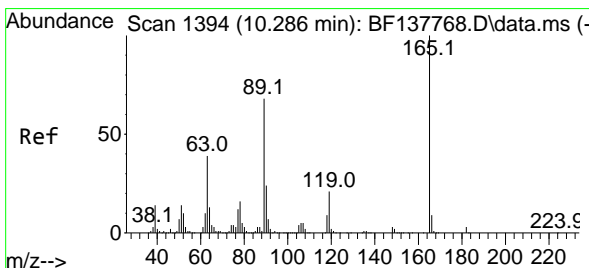
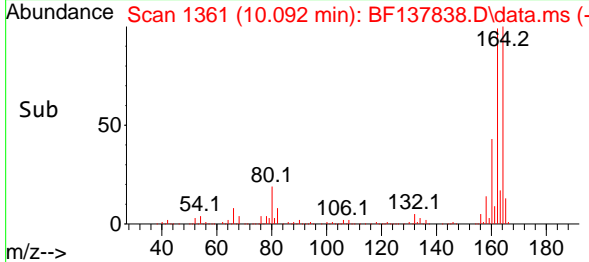
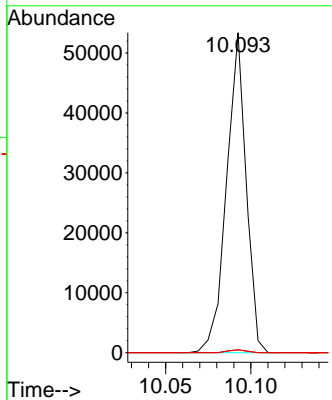
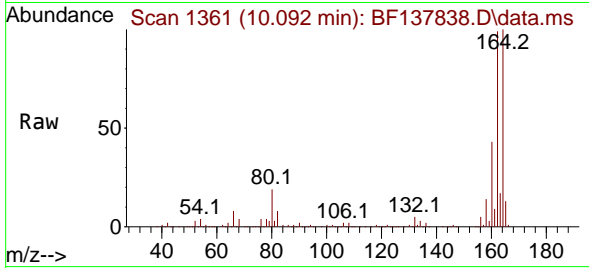




#51
 2,6-Dinitrotoluene
 Concen: 8.979 ng
 RT: 10.092 min Scan# 1361
 Delta R.T. 0.212 min
 Lab File: BF137838.D
 Acq: 06 May 2024 12:48

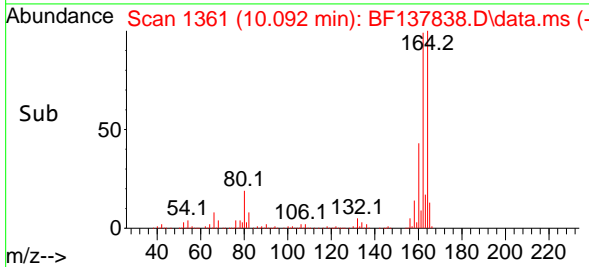
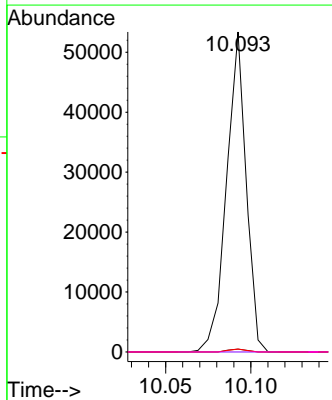
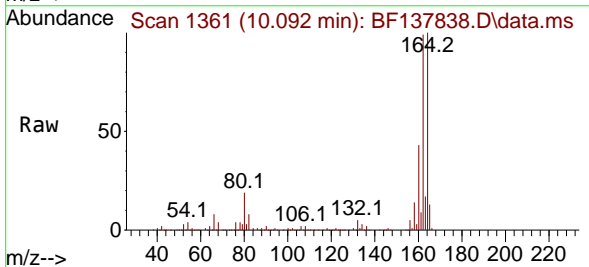
Instrument : BNA_F
 ClientSampleId : PB160665BL

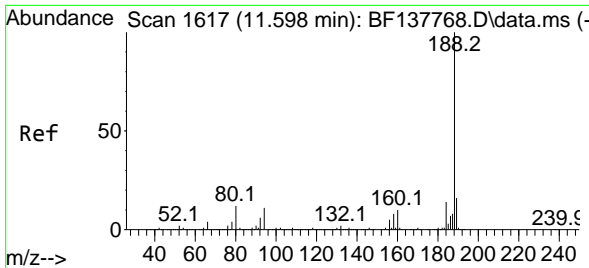
Tgt Ion	Resp	Lower	Upper
165	100		
63	0.9	41.9	62.9#
89	0.9	43.2	64.8#



#57
 2,4-Dinitrotoluene
 Concen: 6.873 ng
 RT: 10.092 min Scan# 1361
 Delta R.T. -0.194 min
 Lab File: BF137838.D
 Acq: 06 May 2024 12:48

Tgt Ion	Resp	Lower	Upper
165	100		
63	0.9	31.3	46.9#
89	0.9	54.2	81.4#
182	0.0	2.2	3.2#



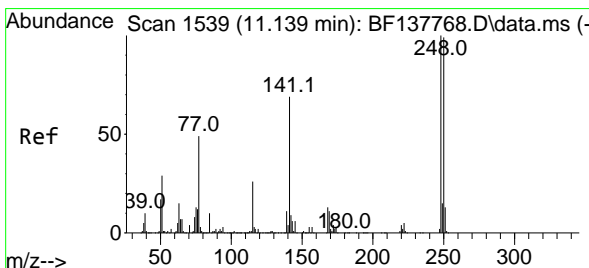
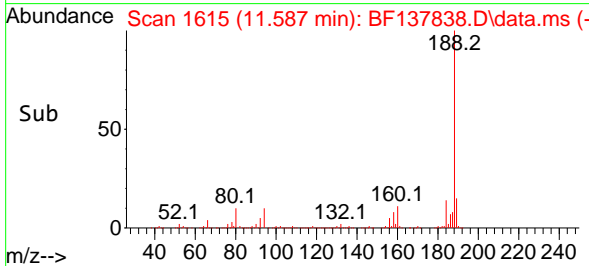
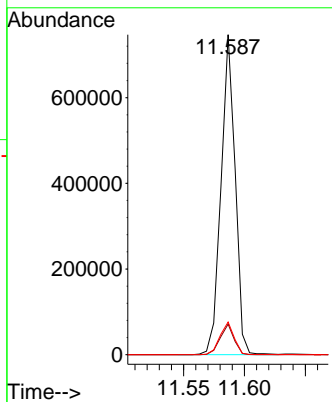
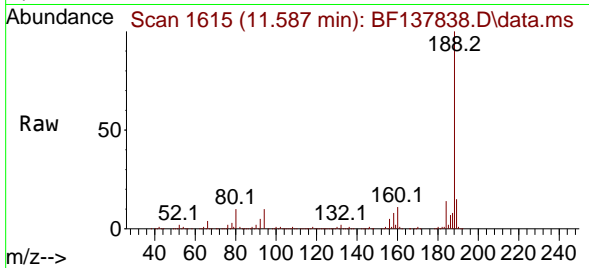


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.587 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF137838.D
 Acq: 06 May 2024 12:48

Instrument :
 BNA_F
 ClientSampleId :
 PB160665BL

Tgt Ion:188 Resp: 604921

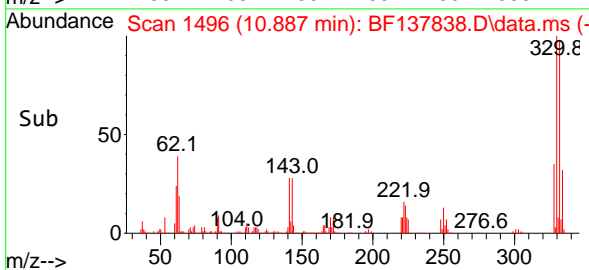
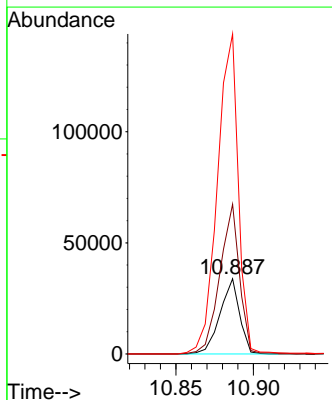
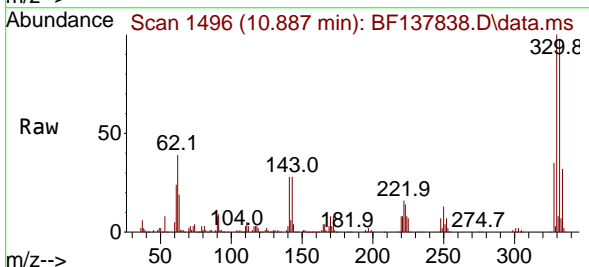
Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.8	13.2
80	10.2	9.6	14.4

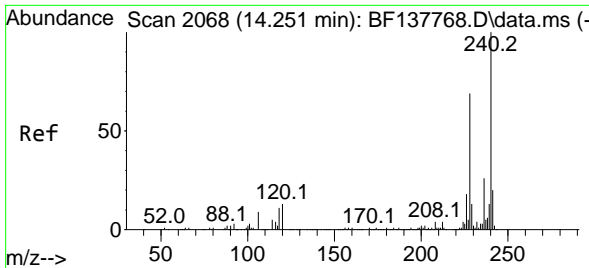


#67
 4-Bromophenyl-phenylether
 Concen: 4.573 ng
 RT: 10.887 min Scan# 1496
 Delta R.T. -0.253 min
 Lab File: BF137838.D
 Acq: 06 May 2024 12:48

Tgt Ion:248 Resp: 29603

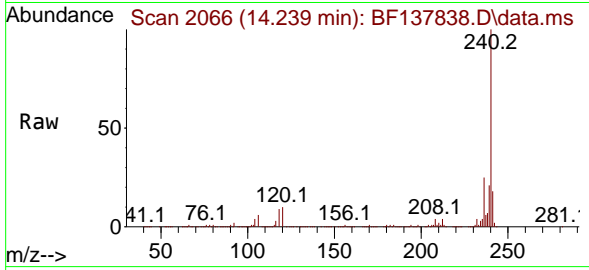
Ion	Ratio	Lower	Upper
248	100		
250	199.3	79.1	118.7#
141	425.7	55.4	83.2#



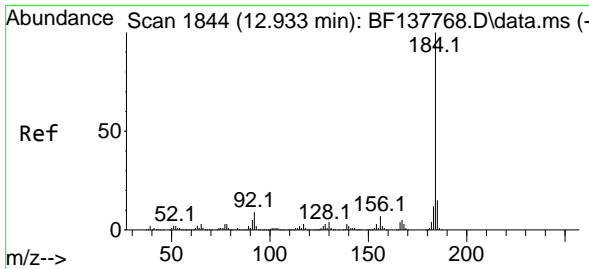
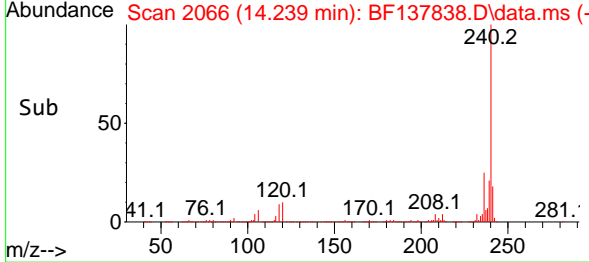
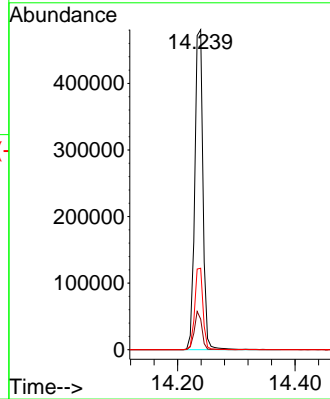


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.239 min Scan# 2066
 Delta R.T. -0.012 min
 Lab File: BF137838.D
 Acq: 06 May 2024 12:48

Instrument :
 BNA_F
 Client Sample Id :
 PB160665BL

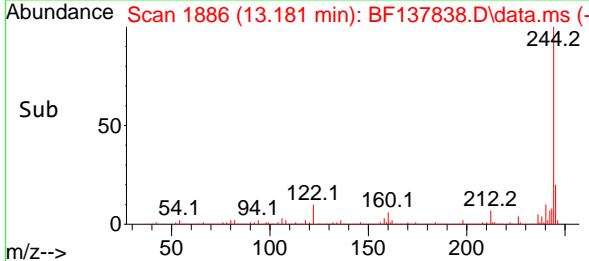
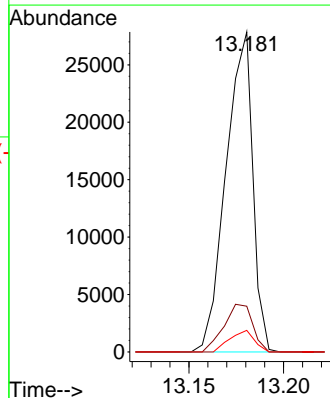
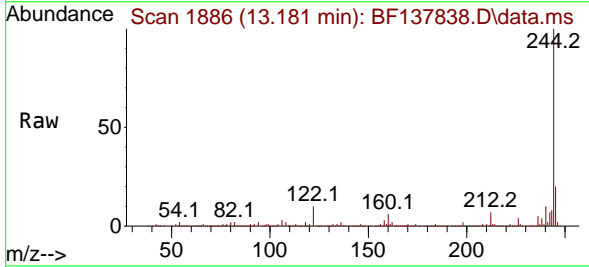


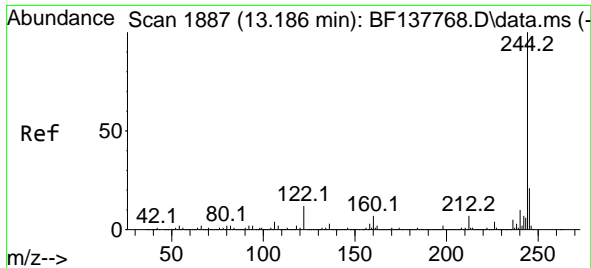
Tgt Ion:240 Resp: 461774
 Ion Ratio Lower Upper
 240 100
 120 9.6 10.4 15.6#
 236 25.5 20.4 30.6



#77
 Benzdine
 Concen: 2.557 ng
 RT: 13.181 min Scan# 1886
 Delta R.T. 0.247 min
 Lab File: BF137838.D
 Acq: 06 May 2024 12:48

Tgt Ion:184 Resp: 27303
 Ion Ratio Lower Upper
 184 100
 185 14.3 12.3 18.5
 183 6.8 9.2 13.8#





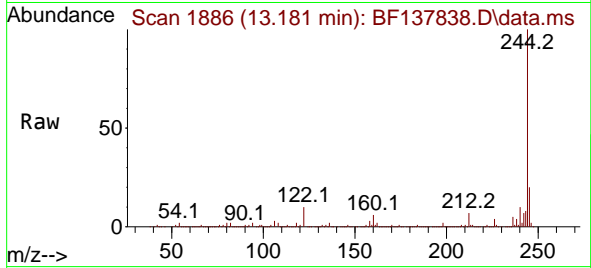
#79
 Terphenyl-d14
 Concen: 82.063 ng
 RT: 13.181 min Scan# 1886
 Delta R.T. -0.006 min
 Lab File: BF137838.D
 Acq: 06 May 2024 12:48

Instrument :

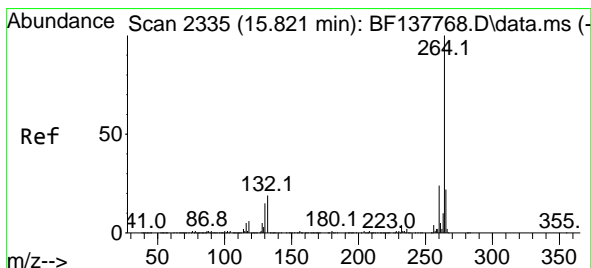
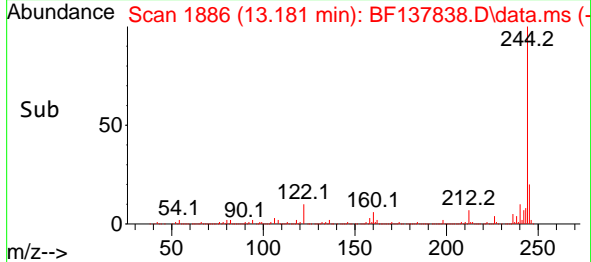
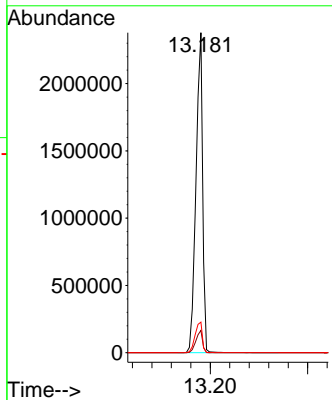
BNA_F

ClientSampleId :

PB160665BL



Tgt Ion:244 Resp: 2261209
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 9.6 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.804 min Scan# 2332
 Delta R.T. -0.017 min
 Lab File: BF137838.D
 Acq: 06 May 2024 12:48

Tgt Ion:264 Resp: 372247
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.9 28.3
 265 21.8 17.4 26.0

