

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100422\
 Data File : BF130523.D
 Acq On : 04 Oct 2022 17:45
 Operator : CG\JU
 Sample : N4941-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 05 02:19:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

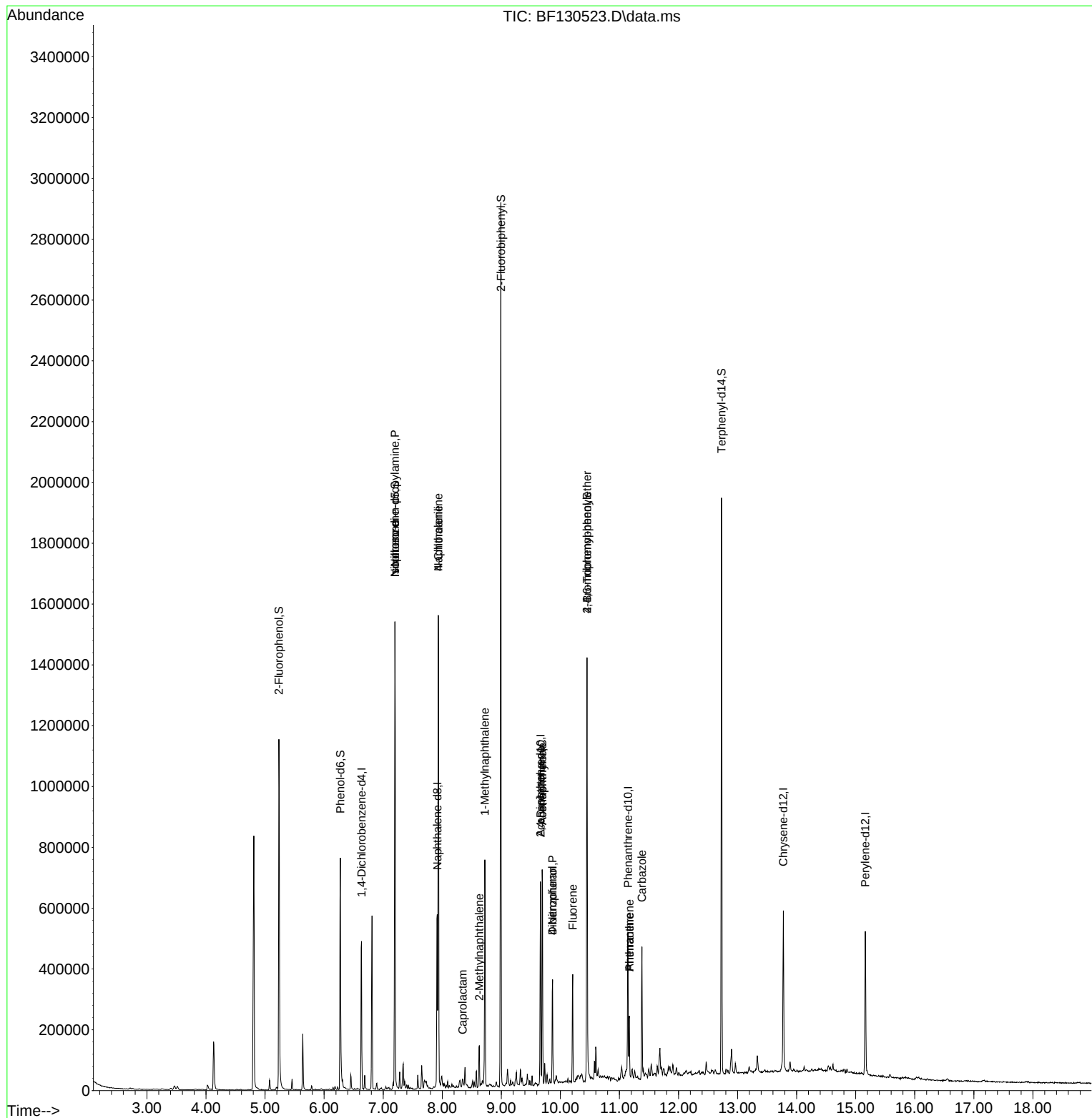
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.634	152	70501	20.000	ng	-0.01
21) Naphthalene-d8	7.916	136	254782	20.000	ng	-0.01
39) Acenaphthene-d10	9.663	164	116560	20.000	ng	-0.02
64) Phenanthrene-d10	11.145	188	165826	20.000	ng	-0.01
76) Chrysene-d12	13.774	240	156550	20.000	ng	-0.02
86) Perylene-d12	15.162	264	190743	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	339531	83.531	ng	-0.01
7) Phenol-d6	6.275	99	262649	51.643	ng	-0.02
23) Nitrobenzene-d5	7.198	82	482742	96.799	ng	-0.02
42) 2,4,6-Tribromophenol	10.451	330	159962	143.224	ng	-0.02
45) 2-Fluorobiphenyl	8.992	172	784064	97.954	ng	-0.02
79) Terphenyl-d14	12.727	244	623223	65.945	ng	-0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.198	70	65203	18.999	ng	# 75
25) Isophorone	7.198	82	482739	60.057	ng	# 66
31) Naphthalene	7.934	128	644231	49.080	ng	99
33) 4-Chloroaniline	7.934	127	84846	16.996	ng	# 31
35) Caprolactam	8.345	113	3761	3.746	ng	# 86
37) 2-Methylnaphthalene	8.628	142	34672	4.143	ng	97
38) 1-Methylnaphthalene	8.722	142	170464	21.203	ng	96
49) Acenaphthylene	9.692	152	80129	7.589	ng	# 1
52) Acenaphthene	9.692	154	148298	21.377	ng	98
55) Dibenzofuran	9.869	168	122636	12.710	ng	98
56) 4-Nitrophenol	9.869	139	52167	38.173	ng	# 1
57) 2,4-Dinitrotoluene	9.663	165	15896	7.387	ng	# 17
58) Fluorene	10.210	166	90976	11.529	ng	98
67) 4-Bromophenyl-phenylether	10.451	248	9603	5.249	ng	# 1
71) Phenanthrene	11.169	178	69774	7.494	ng	97
72) Anthracene	11.169	178	69774	7.766	ng	97
73) Carbazole	11.380	167	153192	18.893	ng	97

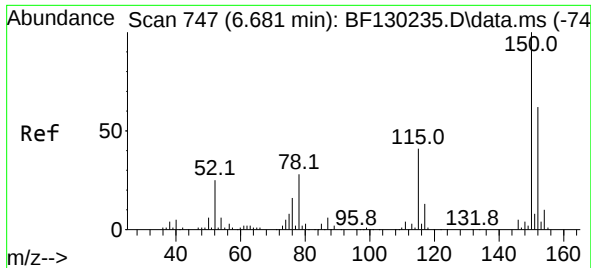
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100422\
Data File : BF130523.D
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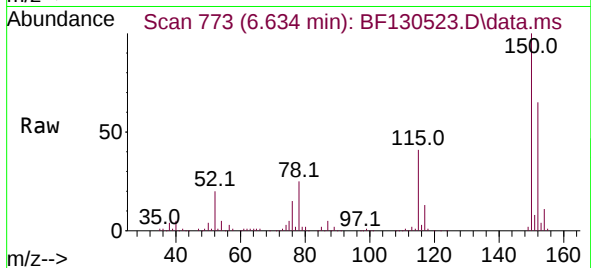
Quant Time: Oct 05 02:19:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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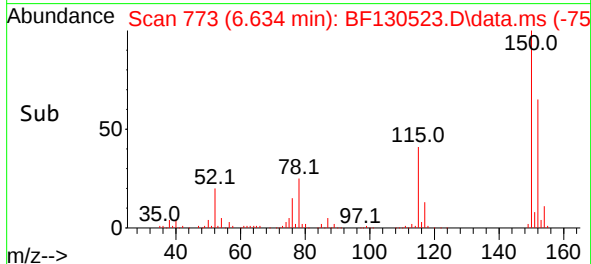
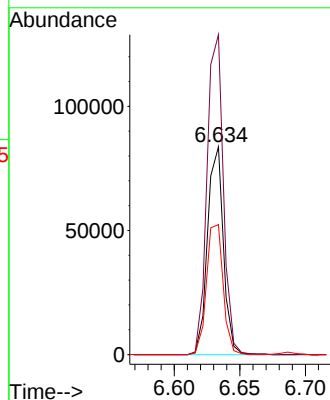


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.634 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BF130523.D
 Acq: 04 Oct 2022 17:45

Instrument :
 BNA_F
 ClientSampleId :

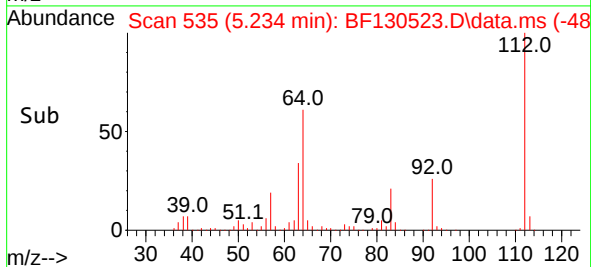
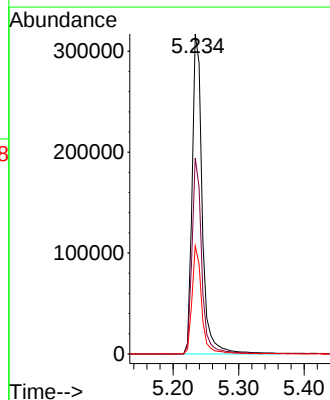
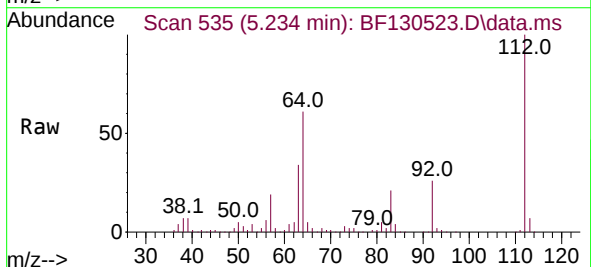


Tgt Ion:152 Resp: 70501
 Ion Ratio Lower Upper
 152 100
 150 154.1 122.8 184.2
 115 62.6 53.8 80.8



#5
 2-Fluorophenol
 Concen: 83.531 ng
 RT: 5.234 min Scan# 535
 Delta R.T. -0.012 min
 Lab File: BF130523.D
 Acq: 04 Oct 2022 17:45

Tgt Ion:112 Resp: 339531
 Ion Ratio Lower Upper
 112 100
 64 61.2 51.4 77.0
 63 33.7 28.8 43.2

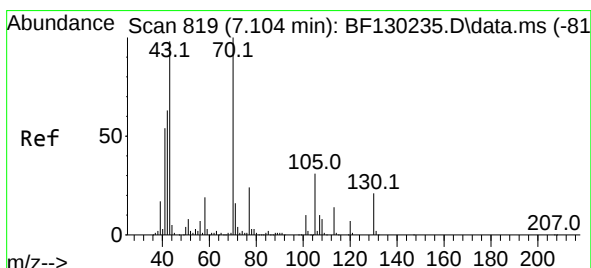
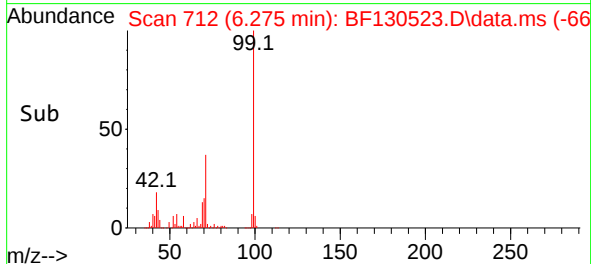
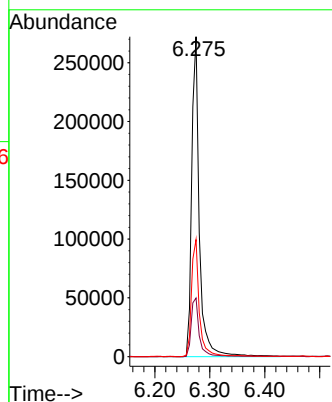
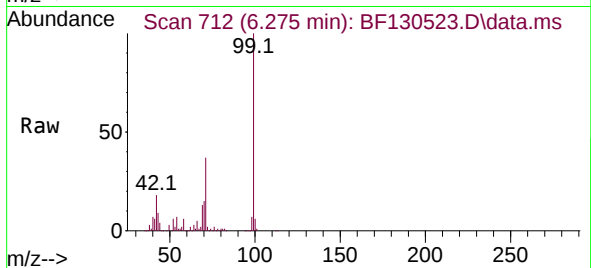




#7
Phenol-d6
Concen: 51.643 ng
RT: 6.275 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF130523.D
Acq: 04 Oct 2022 17:45

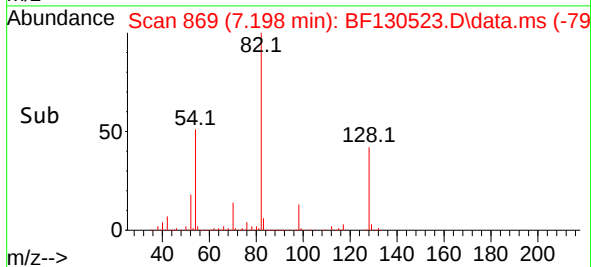
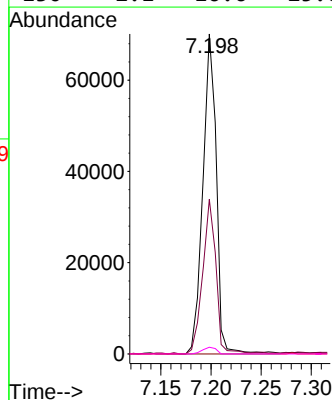
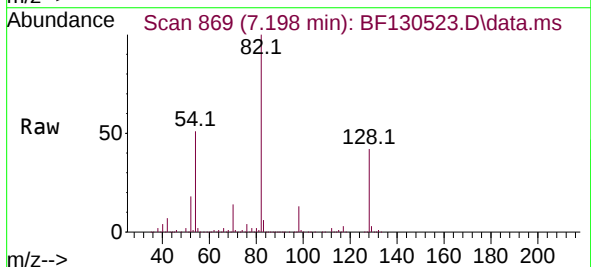
Instrument :
BNA_F
ClientSampleId :

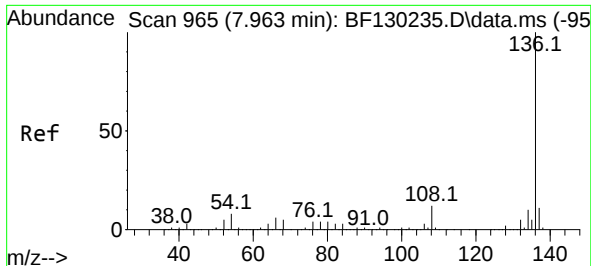
Tgt Ion: 99 Resp: 262649
Ion Ratio Lower Upper
99 100
42 18.3 17.0 25.6
71 36.6 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.999 ng
RT: 7.198 min Scan# 869
Delta R.T. 0.129 min
Lab File: BF130523.D
Acq: 04 Oct 2022 17:45

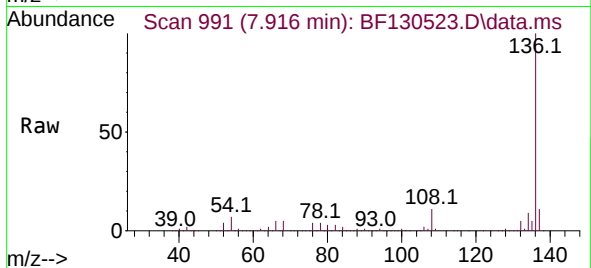
Tgt Ion: 70 Resp: 65203
Ion Ratio Lower Upper
70 100
42 48.3 50.8 76.2#
101 0.0 8.2 12.4#
130 2.1 16.6 25.0#



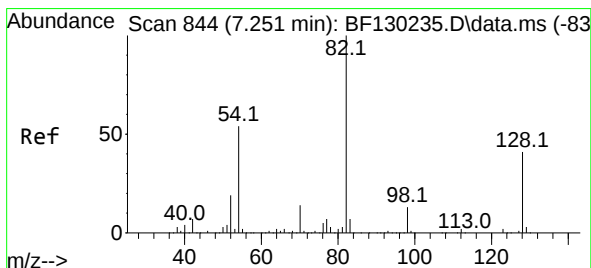
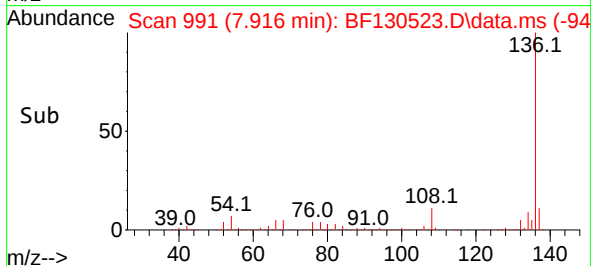
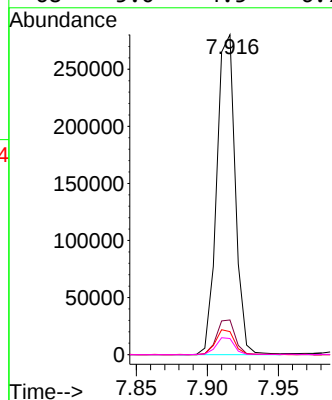


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.012 min
Lab File: BF130523.D
Acq: 04 Oct 2022 17:45

Instrument :
BNA_F
ClientSampleId :

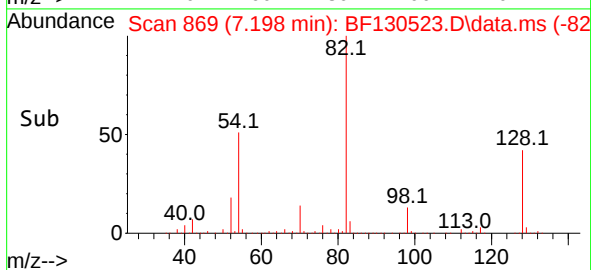
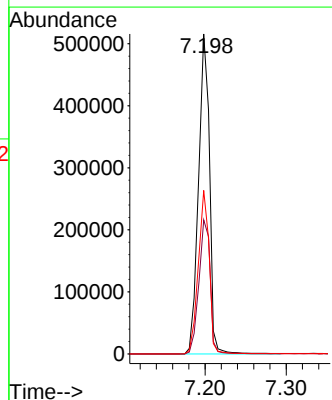
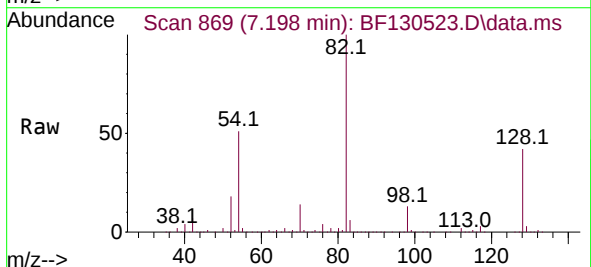


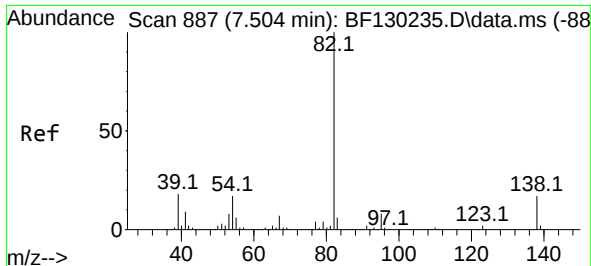
Tgt Ion:136 Resp: 254782
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 7.2 7.1 10.7
68 5.0 4.5 6.7



#23
Nitrobenzene-d5
Concen: 96.799 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.018 min
Lab File: BF130523.D
Acq: 04 Oct 2022 17:45

Tgt Ion: 82 Resp: 482742
Ion Ratio Lower Upper
82 100
128 41.9 32.6 49.0
54 51.1 43.8 65.6

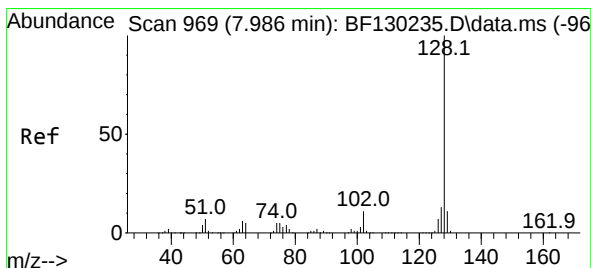
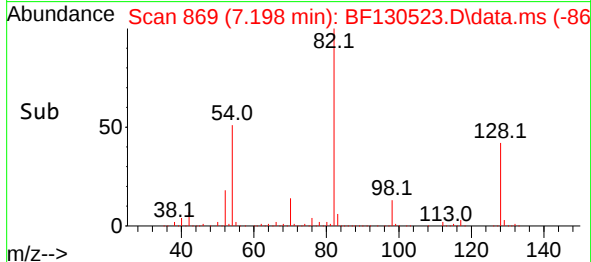
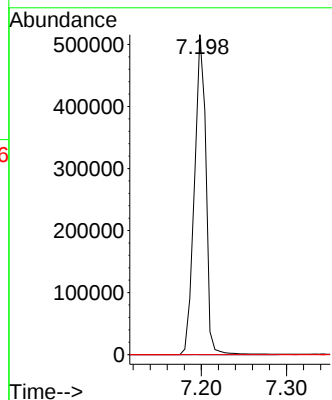
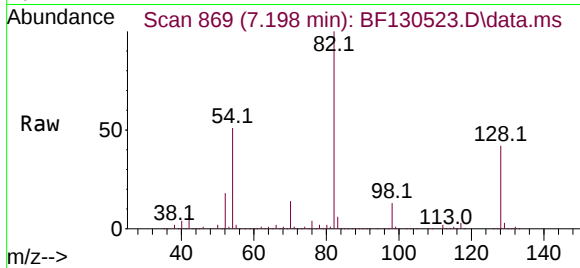




#25
Isophorone
Concen: 60.057 ng
RT: 7.198 min Scan# 80
Delta R.T. -0.276 min
Lab File: BF130523.D
Acq: 04 Oct 2022 17:45

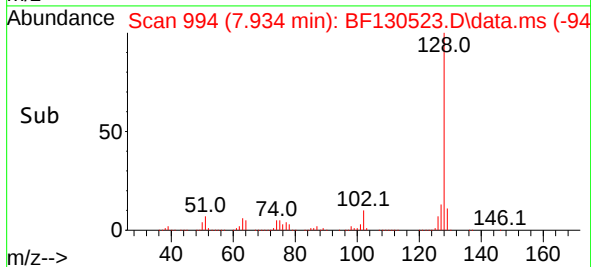
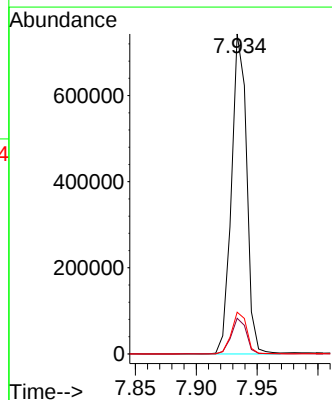
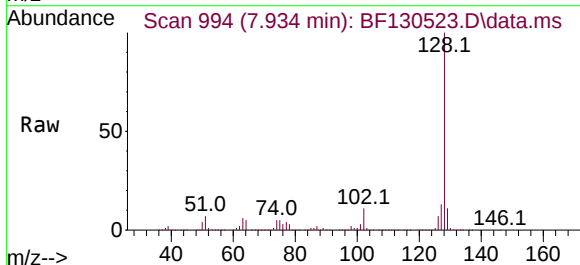
Instrument :
BNA_F
ClientSampleId :

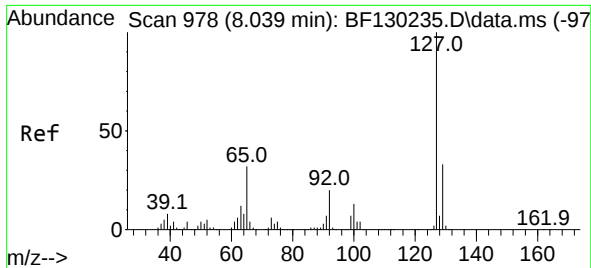
Tgt Ion: 82 Resp: 482739
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#31
Naphthalene
Concen: 49.080 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.018 min
Lab File: BF130523.D
Acq: 04 Oct 2022 17:45

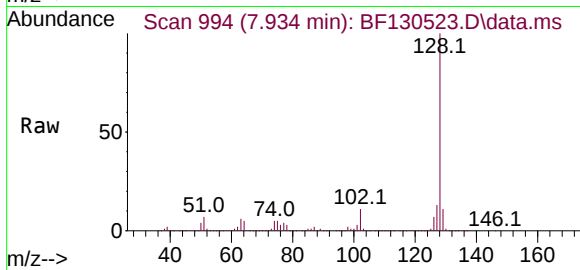
Tgt Ion: 128 Resp: 644231
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.0 10.6 16.0



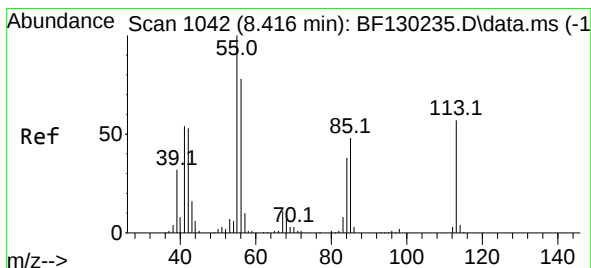
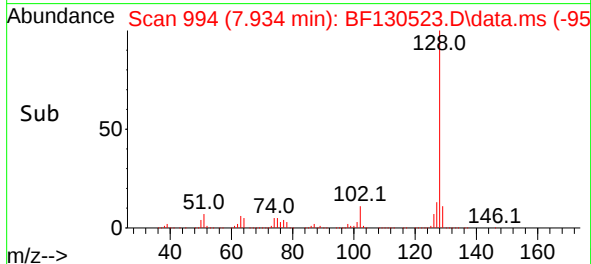
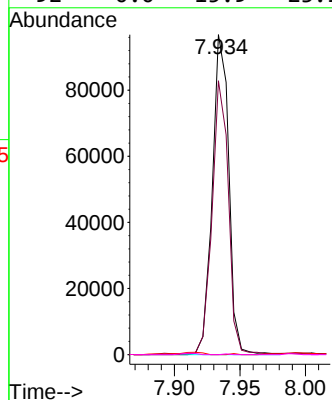


#33
4-Chloroaniline
Concen: 16.996 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.071 min
Lab File: BF130523.D
Acq: 04 Oct 2022 17:45

Instrument :
BNA_F
ClientSampleId :

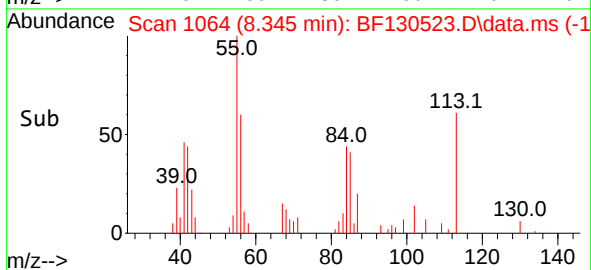
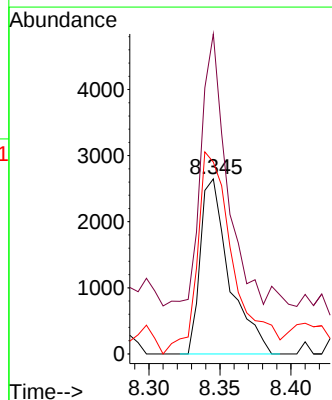
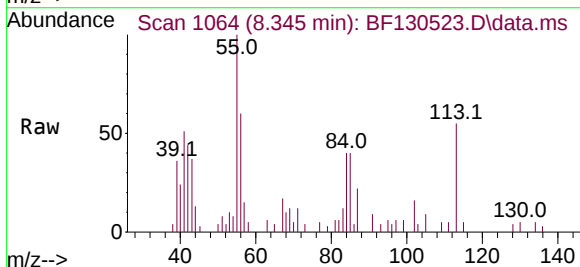


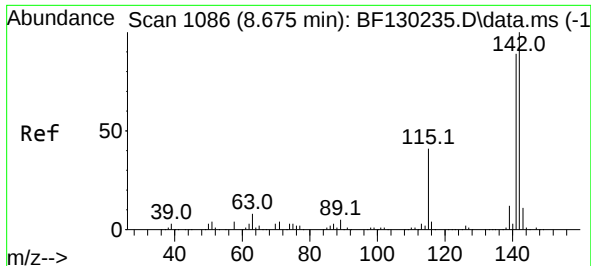
Tgt Ion	Ratio	Lower	Upper
127	100		
129	85.6	25.6	38.4#
65	0.0	27.0	40.6#
92	0.0	15.9	23.9#



#35
Caprolactam
Concen: 3.746 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.041 min
Lab File: BF130523.D
Acq: 04 Oct 2022 17:45

Tgt Ion	Ratio	Lower	Upper
113	100		
55	182.9	155.4	195.4
56	109.6	120.4	160.4#





#37

2-Methylnaphthalene

Concen: 4.143 ng

RT: 8.628 min Scan# 1112

Delta R.T. -0.012 min

Lab File: BF130523.D

Acq: 04 Oct 2022 17:45

Instrument :

BNA_F

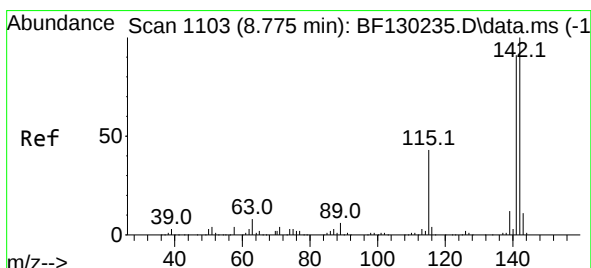
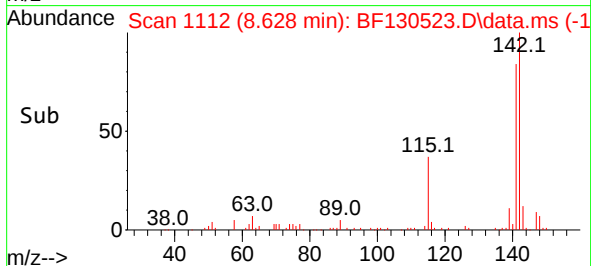
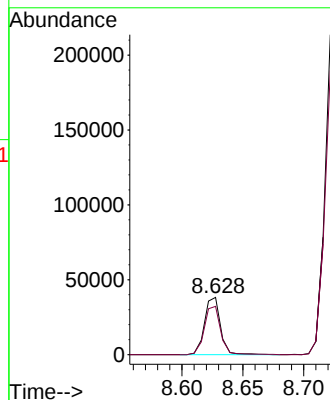
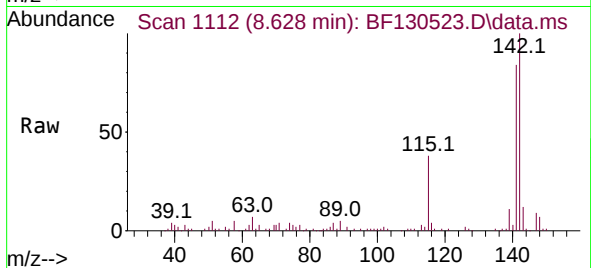
ClientSampleId :

Tgt Ion:142 Resp: 34672

Ion Ratio Lower Upper

142 100

141 84.5 70.0 105.0



#38

1-Methylnaphthalene

Concen: 21.203 ng

RT: 8.722 min Scan# 1128

Delta R.T. -0.018 min

Lab File: BF130523.D

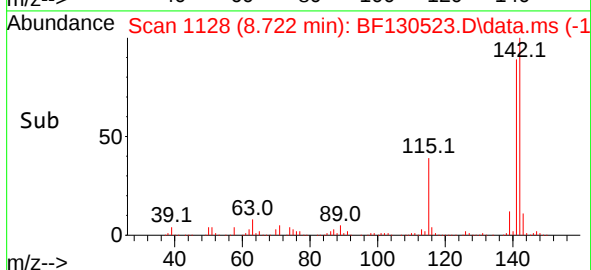
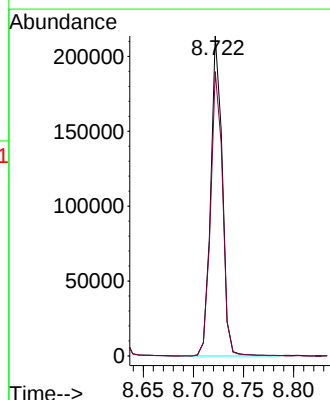
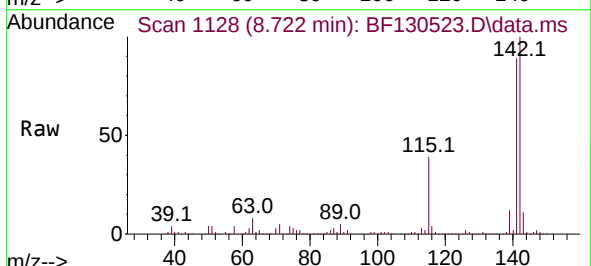
Acq: 04 Oct 2022 17:45

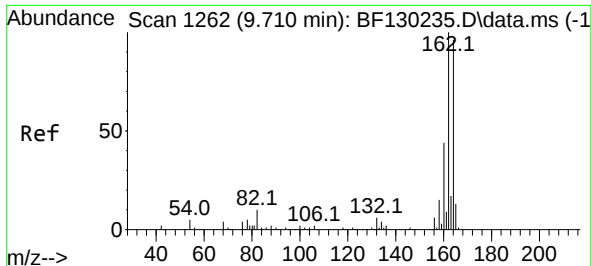
Tgt Ion:142 Resp: 170464

Ion Ratio Lower Upper

142 100

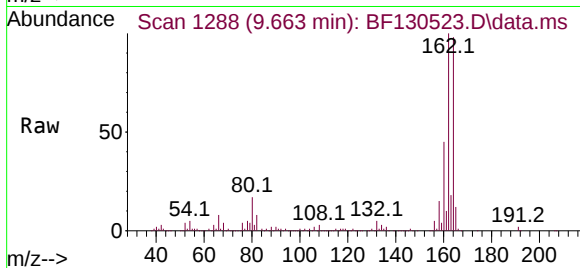
141 88.8 73.8 110.8



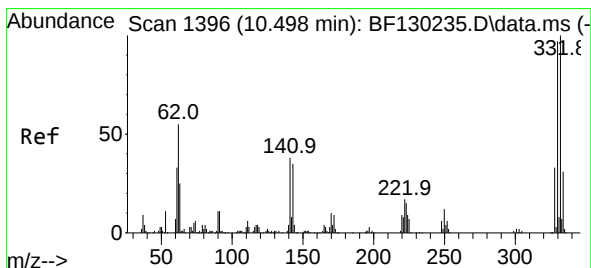
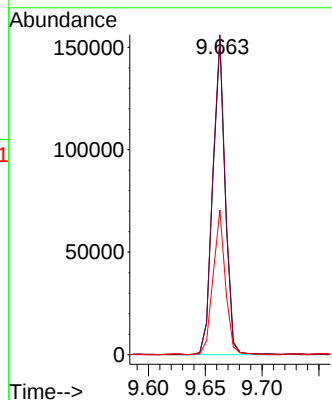
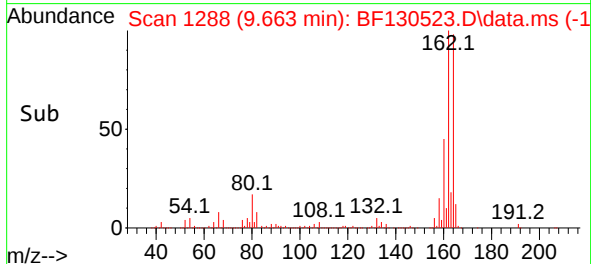


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.663 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF130523.D
Acq: 04 Oct 2022 17:45

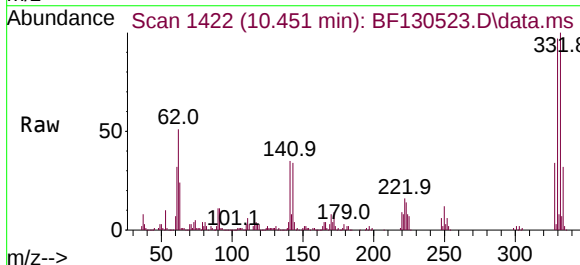
Instrument :
BNA_F
ClientSampleId :



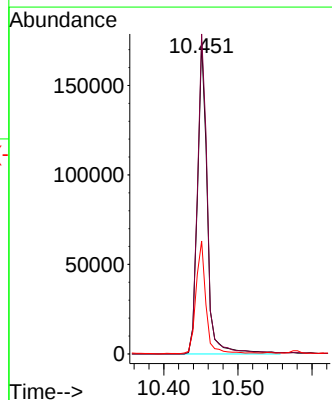
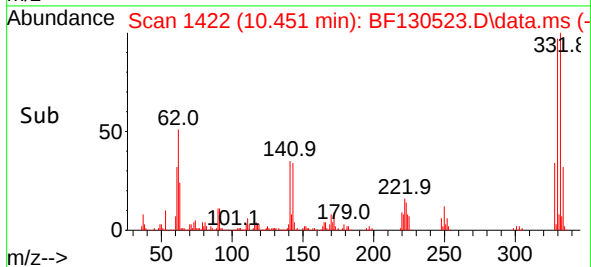
Tgt Ion:164 Resp: 116560
Ion Ratio Lower Upper
164 100
162 102.0 81.4 122.0
160 46.1 36.2 54.4

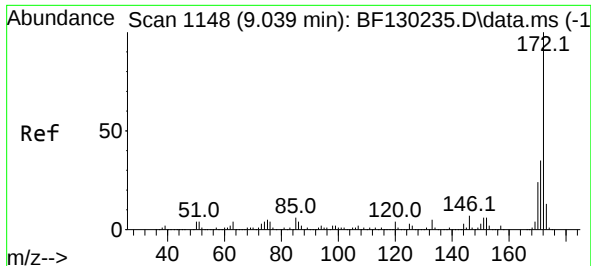


#42
2,4,6-Tribromophenol
Concen: 143.224 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.018 min
Lab File: BF130523.D
Acq: 04 Oct 2022 17:45



Tgt Ion:330 Resp: 159962
Ion Ratio Lower Upper
330 100
332 102.2 83.4 125.2
141 36.4 34.0 51.0





#45

2-Fluorobiphenyl

Concen: 97.954 ng

RT: 8.992 min Scan# 1148

Delta R.T. -0.018 min

Lab File: BF130523.D

Acq: 04 Oct 2022 17:45

Instrument :

BNA_F

ClientSampleId :

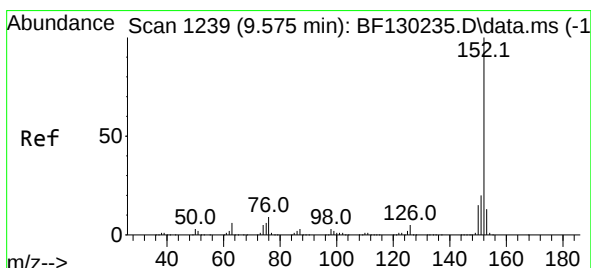
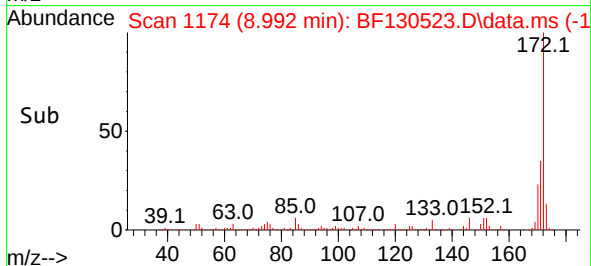
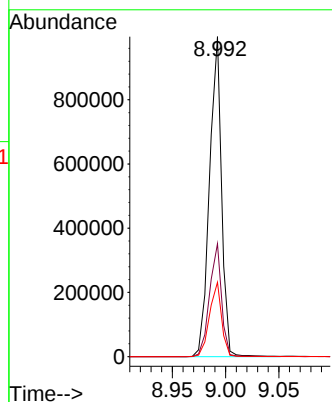
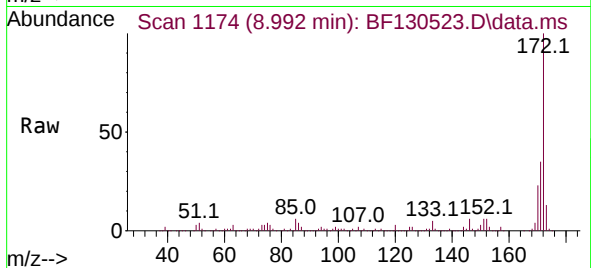
Tgt Ion:172 Resp: 784064

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.2 18.7 28.1



#49

Acenaphthylene

Concen: 7.589 ng

RT: 9.692 min Scan# 1293

Delta R.T. 0.153 min

Lab File: BF130523.D

Acq: 04 Oct 2022 17:45

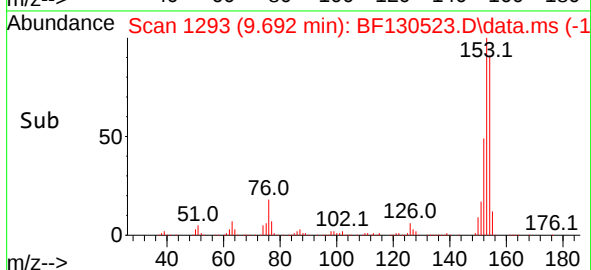
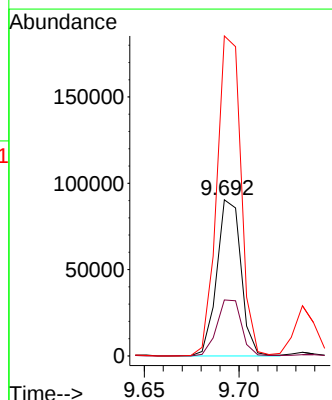
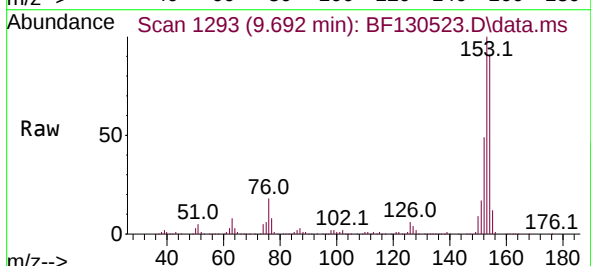
Tgt Ion:152 Resp: 80129

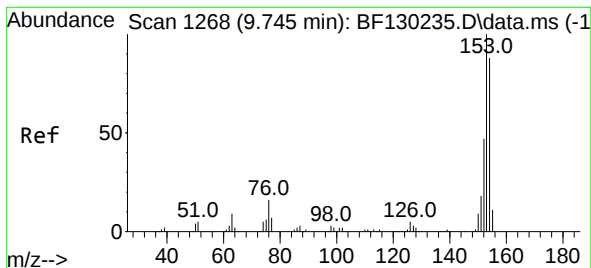
Ion Ratio Lower Upper

152 100

151 35.9 16.2 24.2#

153 205.1 10.6 15.8#





#52

Acenaphthene

Concen: 21.377 ng

RT: 9.692 min Scan# 11

Delta R.T. -0.024 min

Lab File: BF130523.D

Acq: 04 Oct 2022 17:45

Instrument :

BNA_F

ClientSampleId :

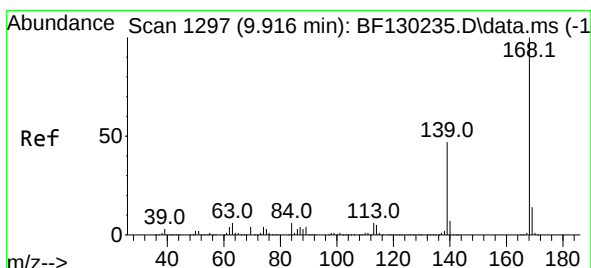
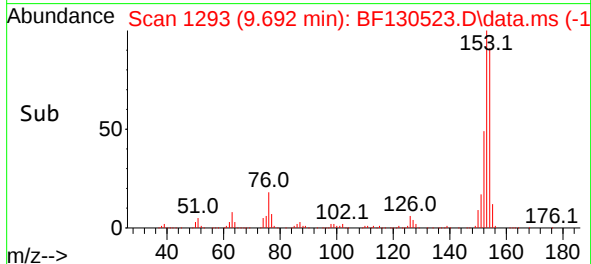
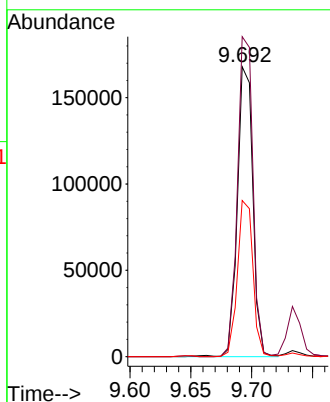
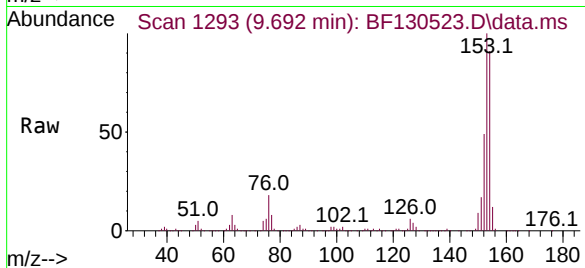
Tgt Ion:154 Resp: 148298

Ion Ratio Lower Upper

154 100

153 110.4 90.6 136.0

152 53.8 43.8 65.6



#55

Dibenzofuran

Concen: 12.710 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.018 min

Lab File: BF130523.D

Acq: 04 Oct 2022 17:45

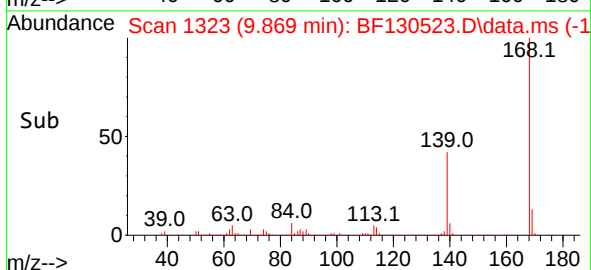
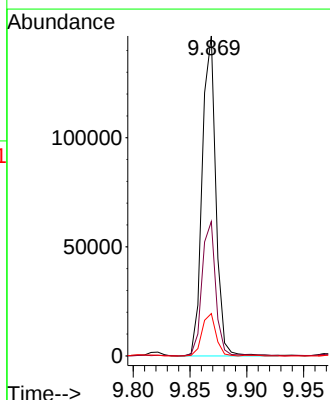
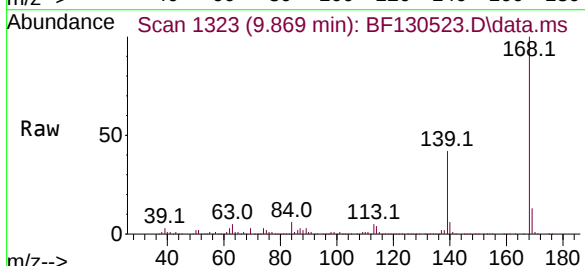
Tgt Ion:168 Resp: 122636

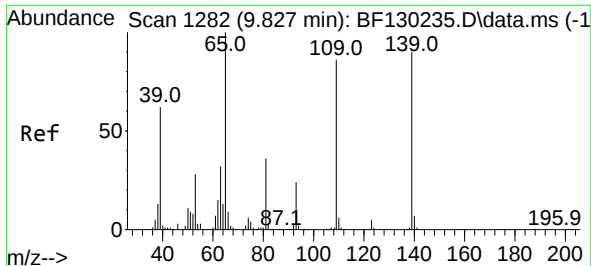
Ion Ratio Lower Upper

168 100

139 42.0 35.0 52.4

169 13.2 10.9 16.3

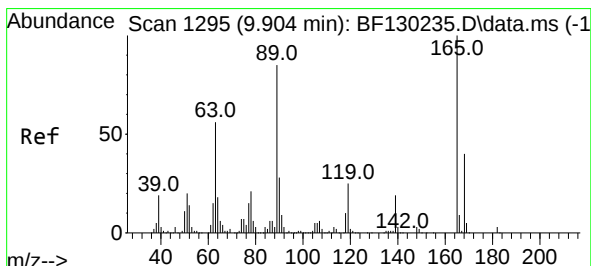
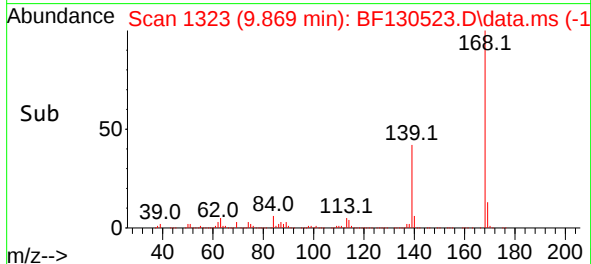
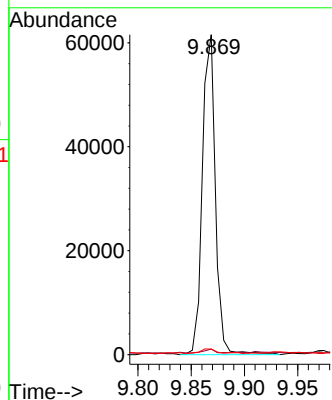
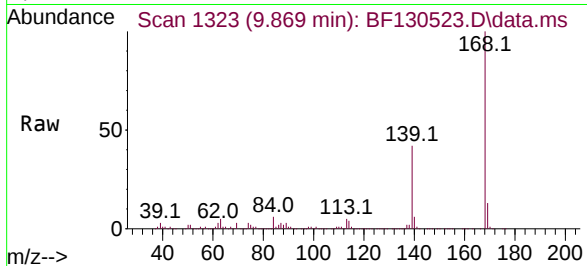




#56
4-Nitrophenol
Concen: 38.173 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.059 min
Lab File: BF130523.D
Acq: 04 Oct 2022 17:45

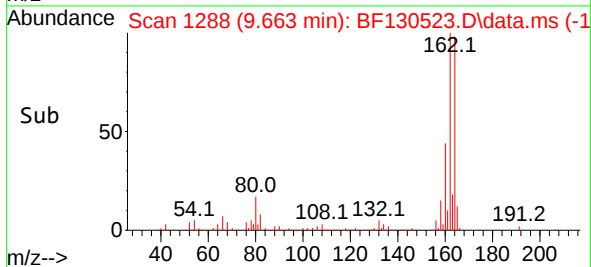
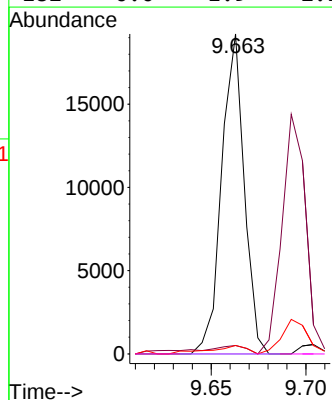
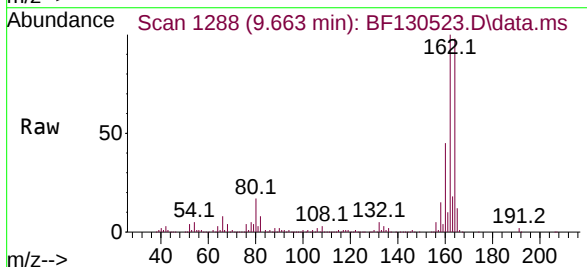
Instrument :
BNA_F
ClientSampleId :

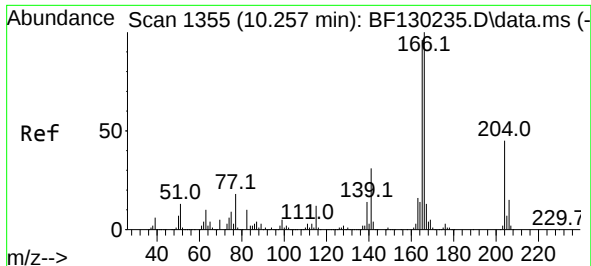
Tgt Ion:139 Resp: 52167
Ion Ratio Lower Upper
139 100
109 1.7 72.2 112.2#
65 1.7 97.7 137.7#



#57
2,4-Dinitrotoluene
Concen: 7.387 ng
RT: 9.663 min Scan# 1288
Delta R.T. -0.212 min
Lab File: BF130523.D
Acq: 04 Oct 2022 17:45

Tgt Ion:165 Resp: 15896
Ion Ratio Lower Upper
165 100
63 2.6 44.7 67.1#
89 2.6 69.0 103.4#
182 0.0 1.9 2.9#

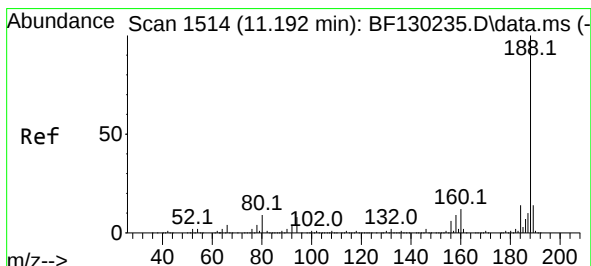
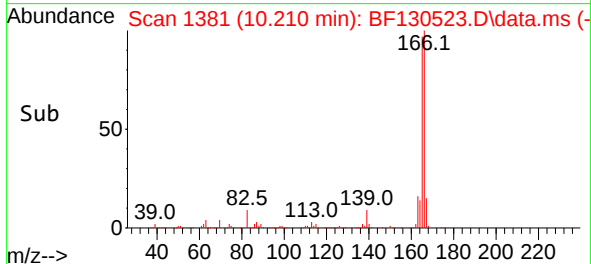
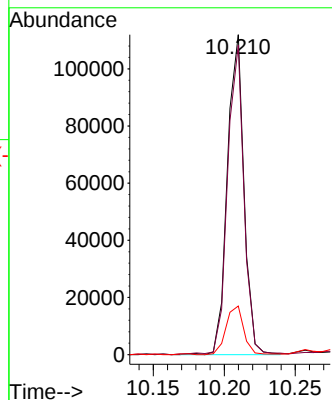
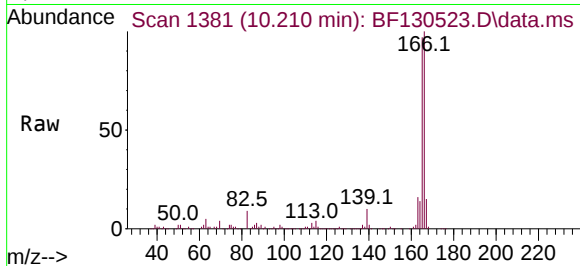




#58
Fluorene
Concen: 11.529 ng
RT: 10.210 min Scan# 1355
Delta R.T. -0.018 min
Lab File: BF130523.D
Acq: 04 Oct 2022 17:45

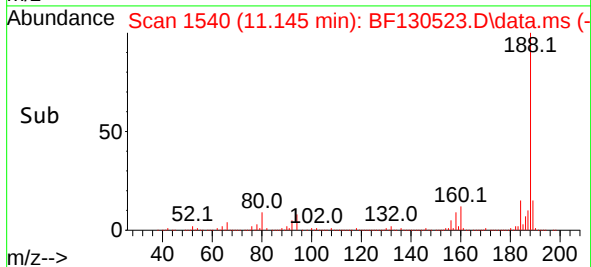
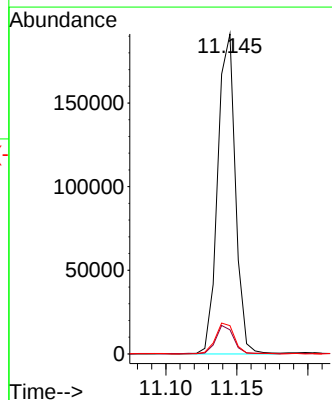
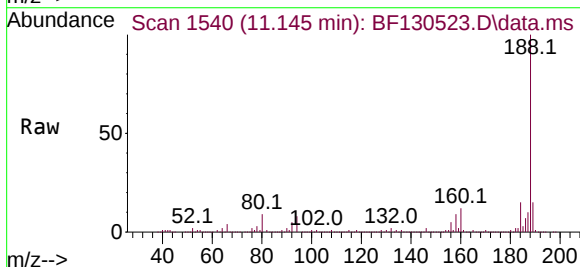
Instrument :
BNA_F
ClientSampleId :

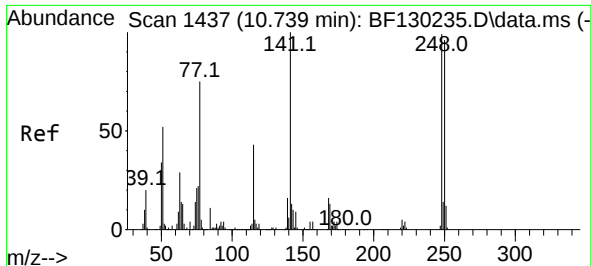
Tgt Ion:166 Resp: 90976
Ion Ratio Lower Upper
166 100
165 96.7 78.8 118.2
167 15.2 10.6 15.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.145 min Scan# 1540
Delta R.T. -0.012 min
Lab File: BF130523.D
Acq: 04 Oct 2022 17:45

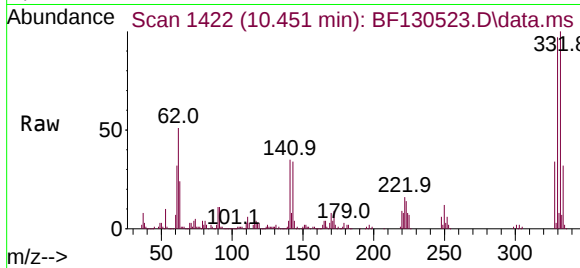
Tgt Ion:188 Resp: 165826
Ion Ratio Lower Upper
188 100
94 7.5 7.4 11.2
80 8.9 7.9 11.9



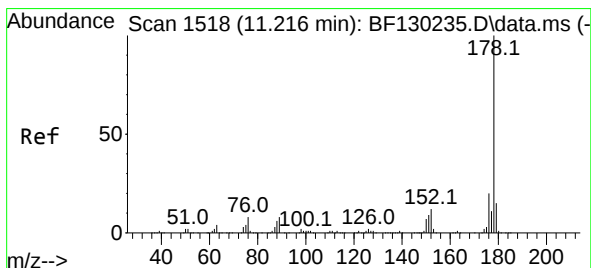
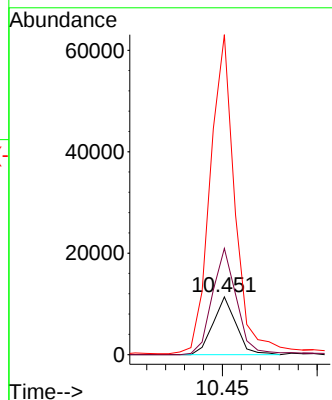
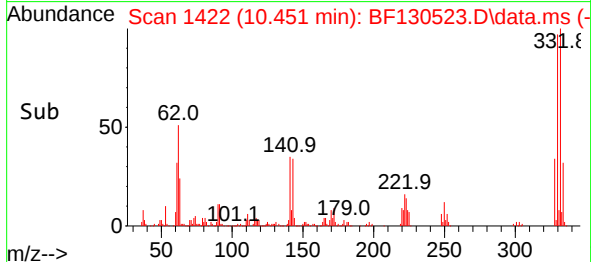


#67
4-Bromophenyl-phenylether
Concen: 5.249 ng
RT: 10.451 min Scan# 14
Delta R.T. -0.259 min
Lab File: BF130523.D
Acq: 04 Oct 2022 17:45

Instrument :
BNA_F
ClientSampleId :

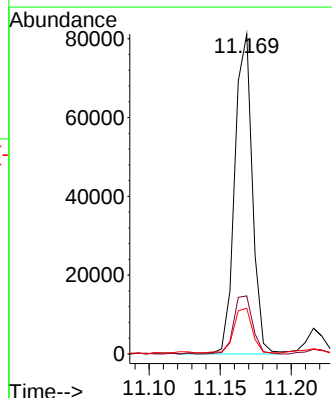
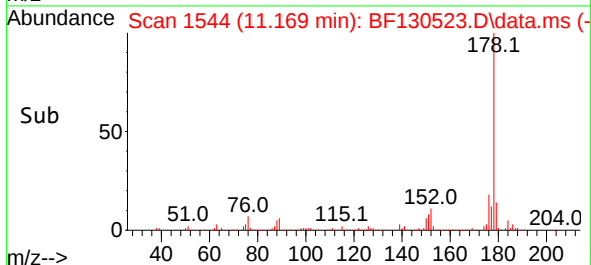
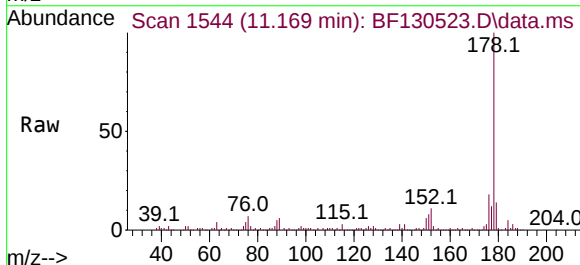


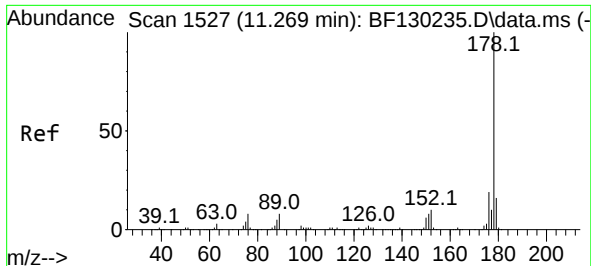
Tgt Ion:248 Resp: 9603
Ion Ratio Lower Upper
248 100
250 184.0 80.0 120.0#
141 555.0 68.5 102.7#



#71
Phenanthrene
Concen: 7.494 ng
RT: 11.169 min Scan# 1544
Delta R.T. -0.018 min
Lab File: BF130523.D
Acq: 04 Oct 2022 17:45

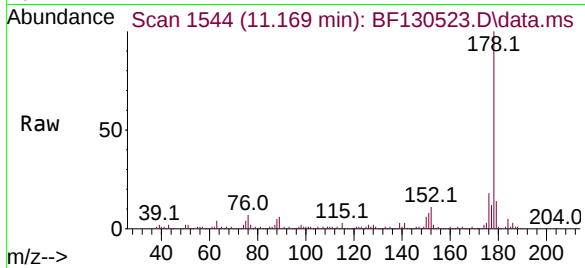
Tgt Ion:178 Resp: 69774
Ion Ratio Lower Upper
178 100
176 18.1 15.4 23.0
179 14.3 12.4 18.6



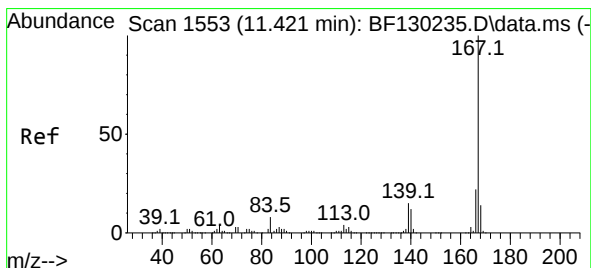
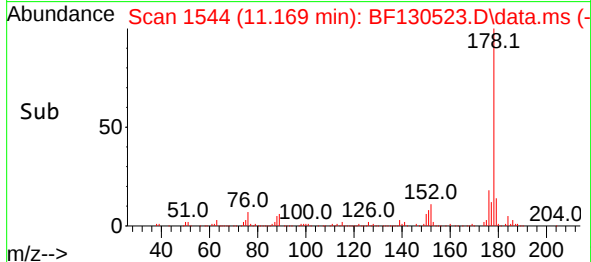
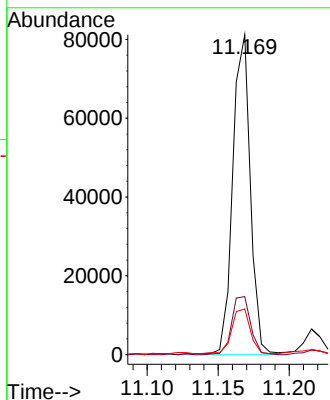


#72
 Anthracene
 Concen: 7.766 ng
 RT: 11.169 min Scan# 1544
 Delta R.T. -0.065 min
 Lab File: BF130523.D
 Acq: 04 Oct 2022 17:45

Instrument :
 BNA_F
 ClientSampleId :

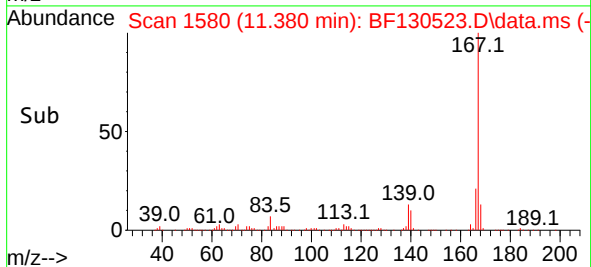
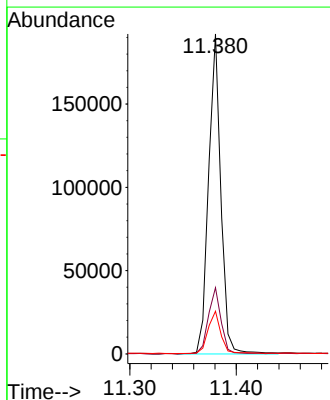
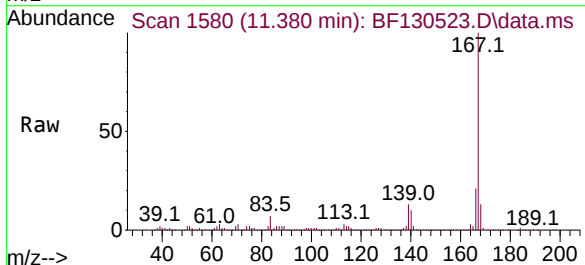


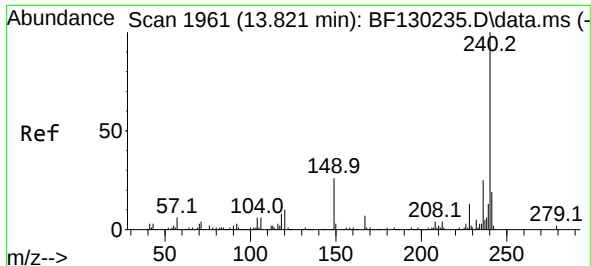
Tgt Ion:178 Resp: 69774
 Ion Ratio Lower Upper
 178 100
 176 18.1 15.0 22.6
 179 14.3 12.7 19.1



#73
 Carbazole
 Concen: 18.893 ng
 RT: 11.380 min Scan# 1580
 Delta R.T. -0.012 min
 Lab File: BF130523.D
 Acq: 04 Oct 2022 17:45

Tgt Ion:167 Resp: 153192
 Ion Ratio Lower Upper
 167 100
 166 20.7 17.4 26.2
 139 13.3 11.6 17.4

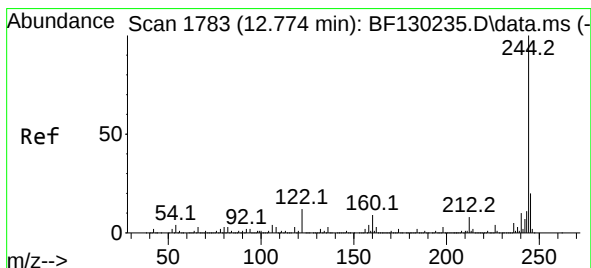
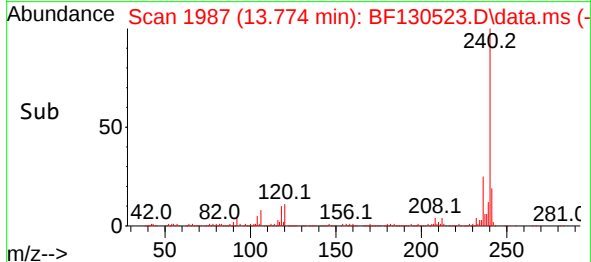
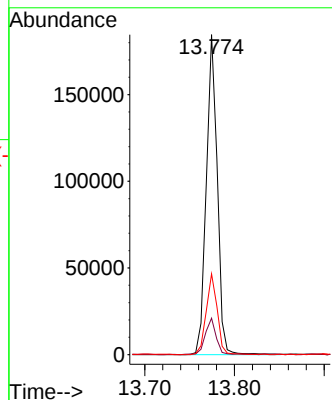
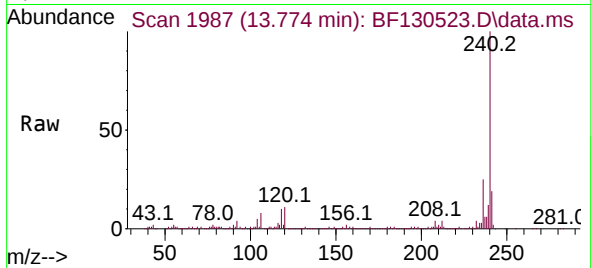




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.774 min Scan# 1961
Delta R.T. -0.018 min
Lab File: BF130523.D
Acq: 04 Oct 2022 17:45

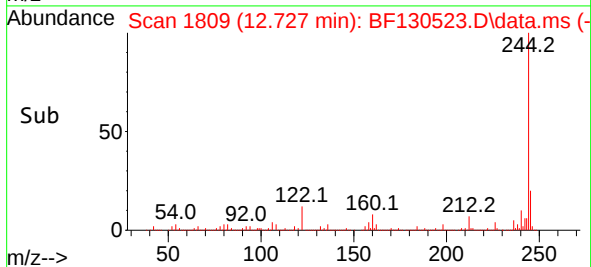
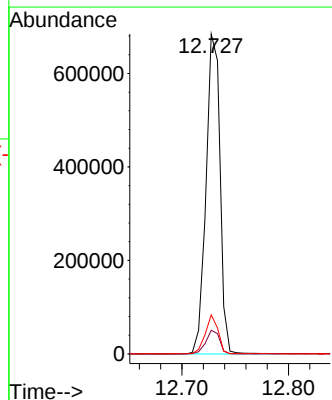
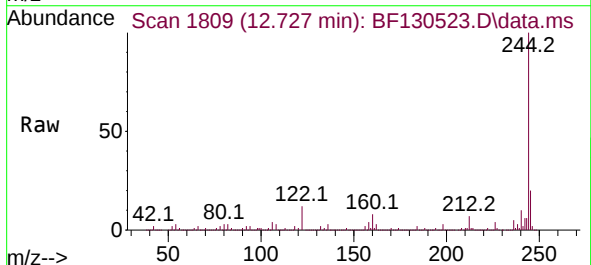
Instrument :
BNA_F
ClientSampleId :

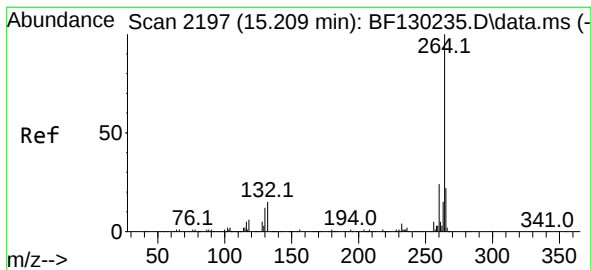
Tgt Ion:240 Resp: 156550
Ion Ratio Lower Upper
240 100
120 11.4 8.7 13.1
236 25.2 20.9 31.3



#79
Terphenyl-d14
Concen: 65.945 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.018 min
Lab File: BF130523.D
Acq: 04 Oct 2022 17:45

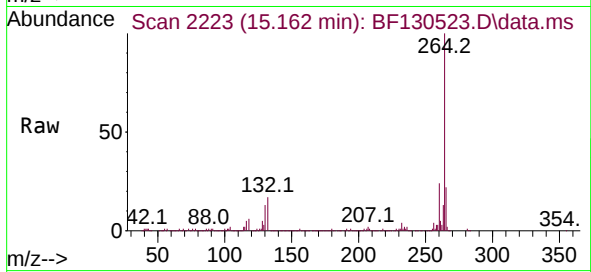
Tgt Ion:244 Resp: 623223
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 12.2 8.5 12.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.162 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF130523.D
Acq: 04 Oct 2022 17:45

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 190743
Ion Ratio Lower Upper
264 100
260 24.3 19.3 28.9
265 21.7 17.0 25.4

