

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030223\
 Data File : BF132621.D
 Acq On : 02 Mar 2023 22:26
 Operator : CG\JU
 Sample : 01760-01 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200058

Quant Time: Mar 03 00:40:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

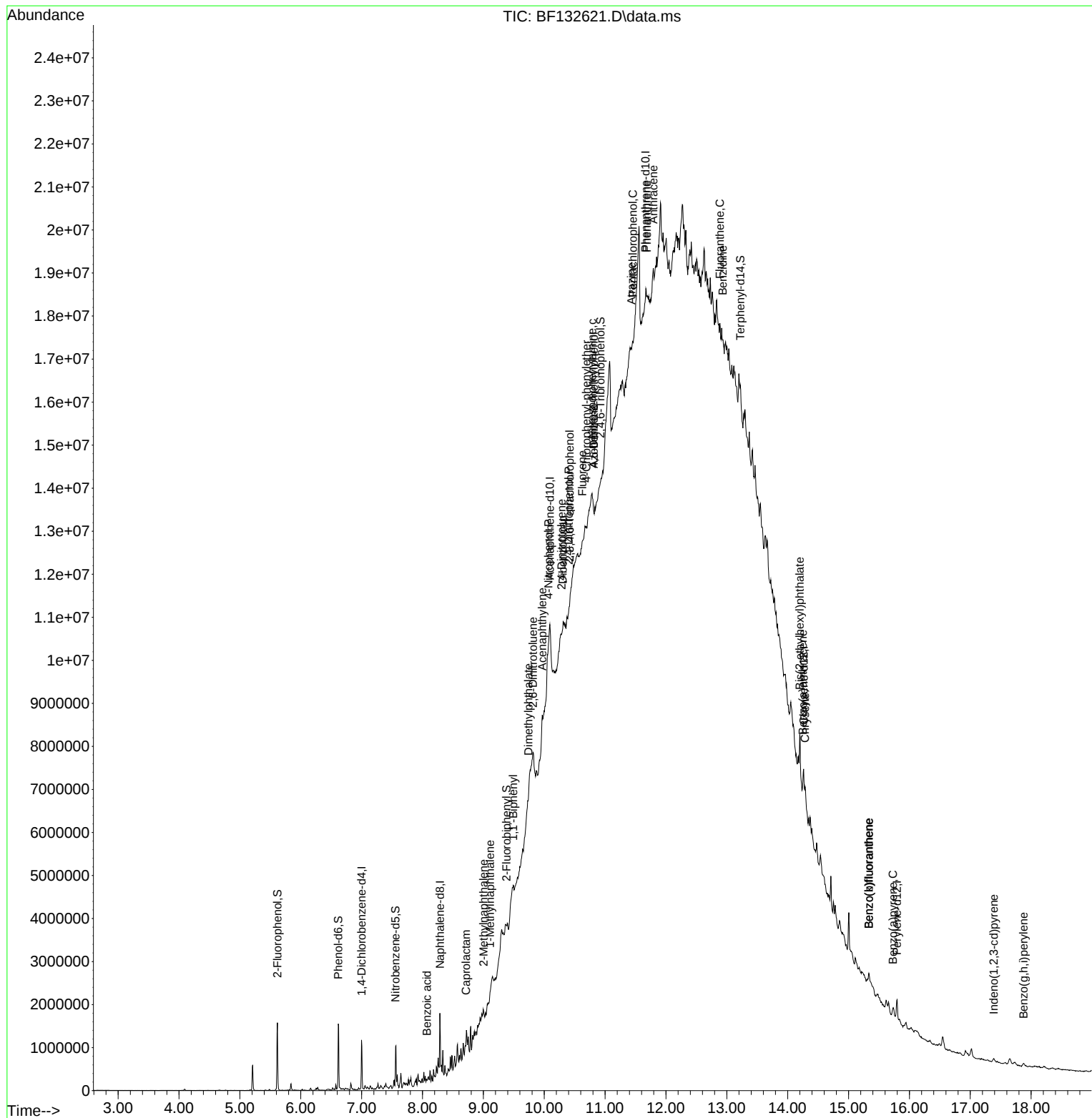
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.998	152	169662	20.000	ng	0.00
21) Naphthalene-d8	8.287	136	546448	20.000	ng	0.00
39) Acenaphthene-d10	10.092	164	165686	20.000	ng	# 0.04
64) Phenanthrene-d10	11.663	188	162892	20.000	ng	# 0.11
76) Chrysene-d12	14.263	240	215144	20.000	ng	# 0.06
86) Perylene-d12	15.798	264	225961	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.616	112	467868	44.756	ng	-0.01
7) Phenol-d6	6.616	99	567397	41.588	ng	-0.02
23) Nitrobenzene-d5	7.557	82	311961	27.085	ng	-0.01
42) 2,4,6-Tribromophenol	10.922	330	76446	42.723	ng	0.07
45) 2-Fluorobiphenyl	9.381	172	423620	38.931	ng	0.00
79) Terphenyl-d14	13.222	244	272141	21.387	ng	0.08
Target Compounds						Qvalue
32) Benzoic acid	8.075	122	510	3.905	ng	# 1
35) Caprolactam	8.716	113	13921	4.949	ng	# 1
37) 2-Methylnaphthalene	9.004	142	64706	3.394	ng	96
38) 1-Methylnaphthalene	9.110	142	49958	2.804	ng	95
46) 1,1'-Biphenyl	9.492	154	106253	8.473	ng	85
49) Acenaphthylene	9.969	152	54710	3.457	ng	# 1
50) Dimethylphthalate	9.739	163	94657	7.846	ng	# 32
51) 2,6-Dinitrotoluene	9.816	165	44380	16.153	ng	# 36
54) 2,4-Dinitrophenol	10.404	184	53868	32.241	ng	# 1
55) Dibenzofuran	10.304	168	53127	3.627	ng	# 1
56) 4-Nitrophenol	10.069	139	12113	5.285	ng	# 1
57) 2,4-Dinitrotoluene	10.286	165	19022	5.204	ng	# 41
58) Fluorene	10.628	166	106016	9.462	ng	# 1
59) 2,3,4,6-Tetrachlorophenol	10.416	232	40809	12.813	ng	# 52
61) 4-Chlorophenyl-phenyle...	10.692	204	25322	4.356	ng	# 1
63) Azobenzene	10.816	77	31245	2.504	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.816	198	12539	11.371	ng	# 1
66) n-Nitrosodiphenylamine	10.786	169	269069	52.984	ng	# 63
69) Atrazine	11.433	200	6735	4.248	ng	# 1
70) Pentachlorophenol	11.457	266	13120	11.374	ng	# 57
71) Phenanthrene	11.686	178	267307	31.677	ng	# 1
72) Anthracene	11.792	178	118568	13.644	ng	# 1
75) Fluoranthene	12.886	202	236261	25.611	ng	# 63
77) Benzidine	12.933	184	22972	4.386	ng	# 1
81) Benzo(a)anthracene	14.251	228	88280	5.484	ng	# 82
83) Chrysene	14.286	228	171594	11.399	ng	# 94
84) Bis(2-ethylhexyl)phtha...	14.198	149	381073	40.188	ng	# 94
87) Indeno(1,2,3-cd)pyrene	17.386	276	52454	3.543	ng	97
88) Benzo(b)fluoranthene	15.333	252	227733	15.039	ng	# 74
89) Benzo(k)fluoranthene	15.333	252	227733	15.366	ng	# 74
90) Benzo(a)pyrene	15.727	252	63696	4.494	ng	# 65
92) Benzo(g,h,i)perylene	17.874	276	50894	5.222	ng	# 91

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

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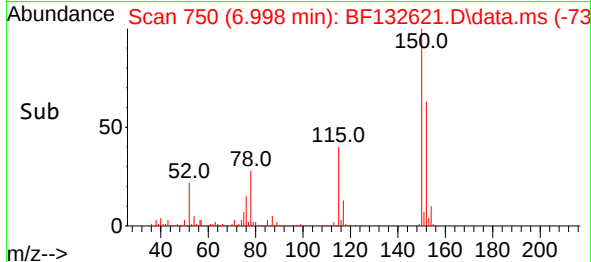
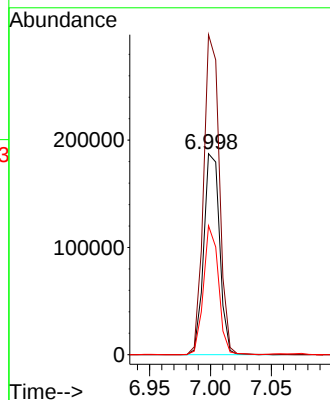
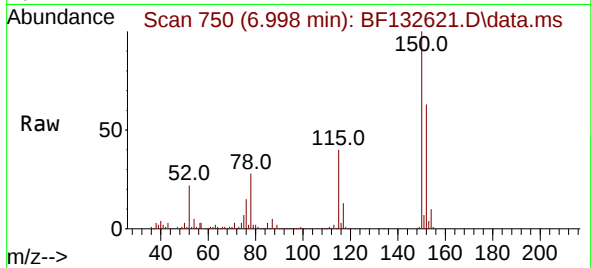




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.998 min Scan# 710
Delta R.T. -0.009 min
Lab File: BF132621.D
Acq: 02 Mar 2023 22:26

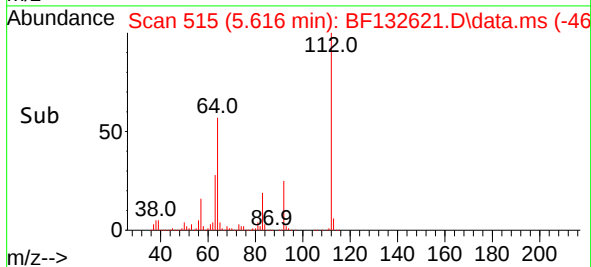
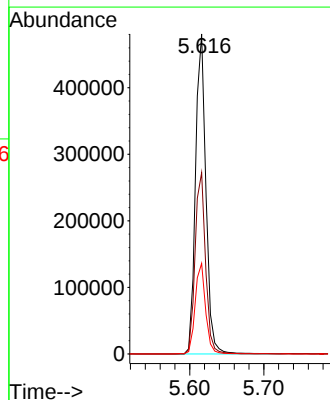
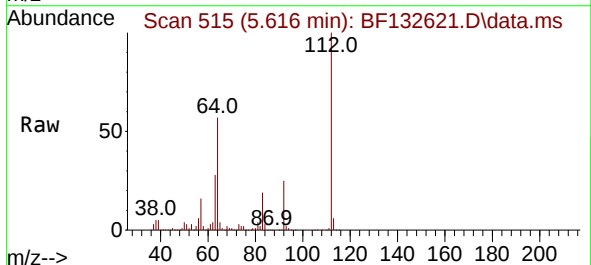
Instrument :
BNA_F
ClientSampleId :
RBR200058

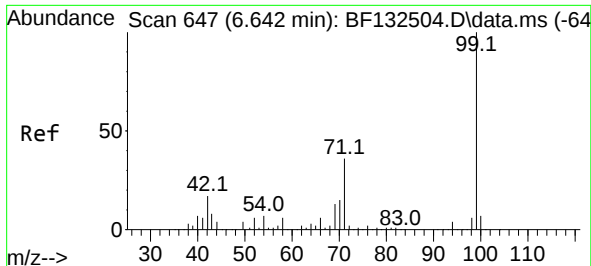
Tgt Ion:152 Resp: 169662
Ion Ratio Lower Upper
152 100
150 159.2 125.4 188.2
115 64.1 47.8 71.6



#5
2-Fluorophenol
Concen: 44.756 ng
RT: 5.616 min Scan# 515
Delta R.T. -0.015 min
Lab File: BF132621.D
Acq: 02 Mar 2023 22:26

Tgt Ion:112 Resp: 467868
Ion Ratio Lower Upper
112 100
64 56.6 51.6 77.4
63 28.3 27.4 41.2

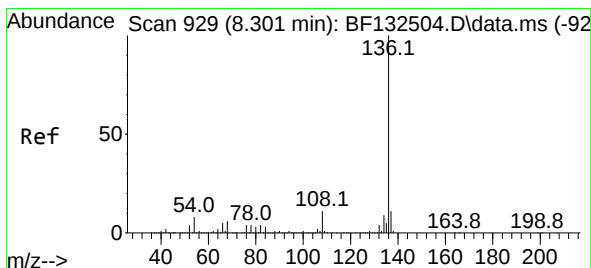
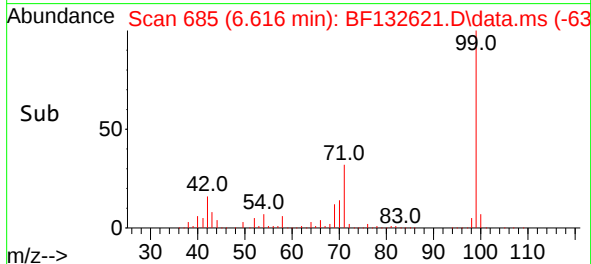
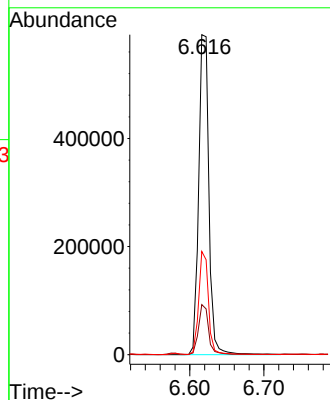
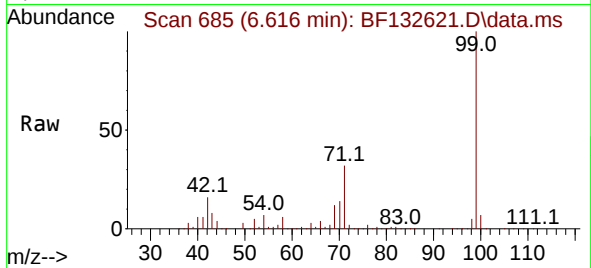




#7
Phenol-d6
Concen: 41.588 ng
RT: 6.616 min Scan# 611
Delta R.T. -0.020 min
Lab File: BF132621.D
Acq: 02 Mar 2023 22:26

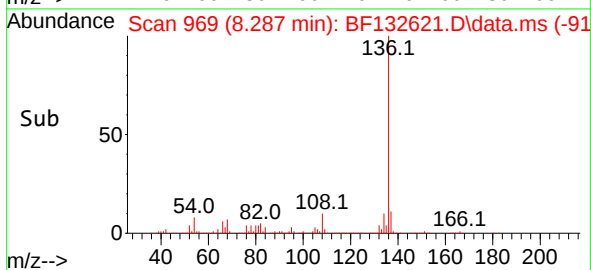
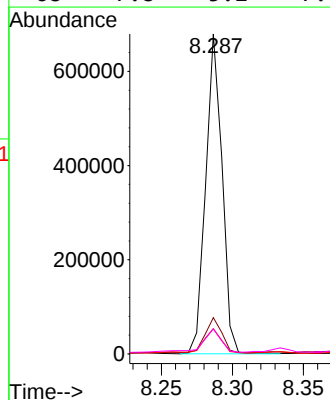
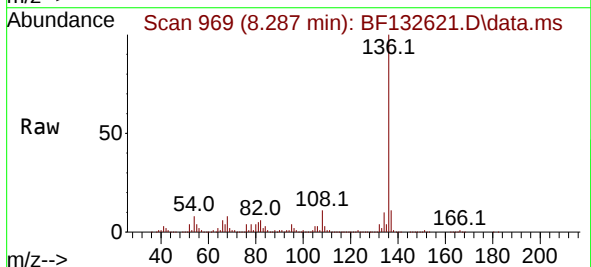
Instrument :
BNA_F
ClientSampleId :
RBR200058

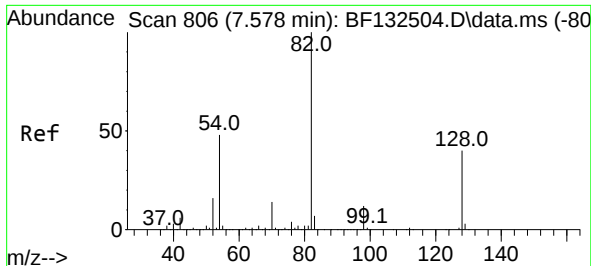
Tgt Ion: 99 Resp: 567397
Ion Ratio Lower Upper
99 100
42 15.7 13.9 20.9
71 32.3 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.287 min Scan# 969
Delta R.T. -0.003 min
Lab File: BF132621.D
Acq: 02 Mar 2023 22:26

Tgt Ion:136 Resp: 546448
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 7.9 6.2 9.4
68 7.8 5.2 7.8





#23

Nitrobenzene-d5

Concen: 27.085 ng

RT: 7.557 min Scan# 845

Delta R.T. -0.015 min

Lab File: BF132621.D

Acq: 02 Mar 2023 22:26

Instrument :

BNA_F

ClientSampleId :

RBR200058

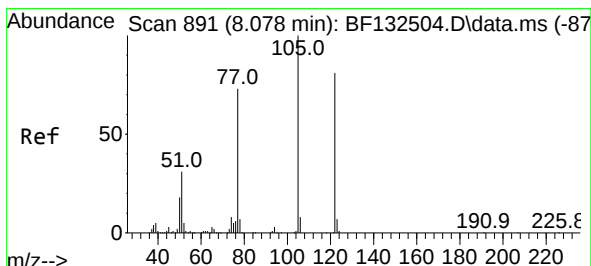
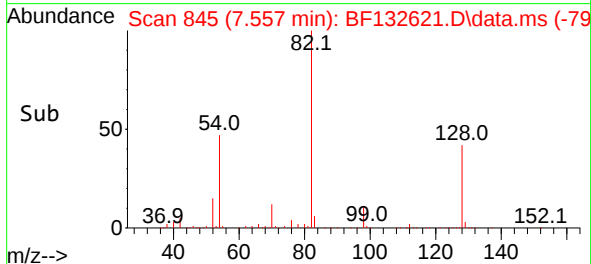
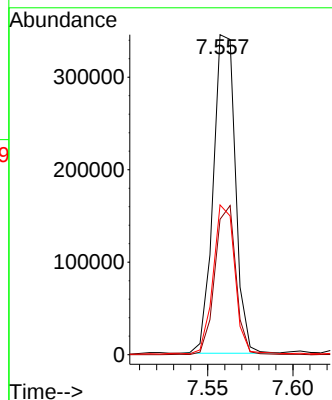
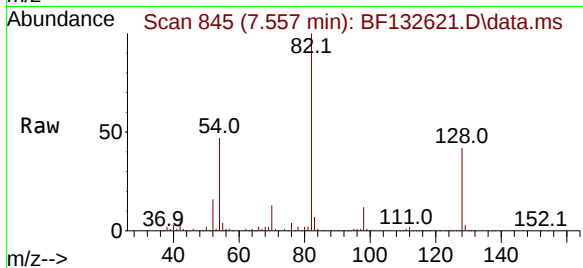
Tgt Ion: 82 Resp: 311961

Ion Ratio Lower Upper

82 100

128 42.3 32.2 48.2

54 46.8 38.4 57.6



#32

Benzoic acid

Concen: 3.905 ng

RT: 8.075 min Scan# 933

Delta R.T. 0.009 min

Lab File: BF132621.D

Acq: 02 Mar 2023 22:26

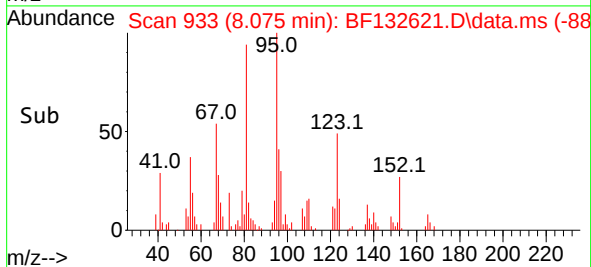
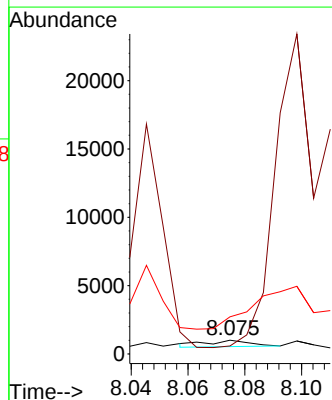
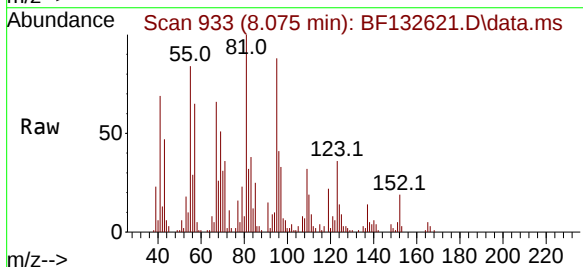
Tgt Ion:122 Resp: 510

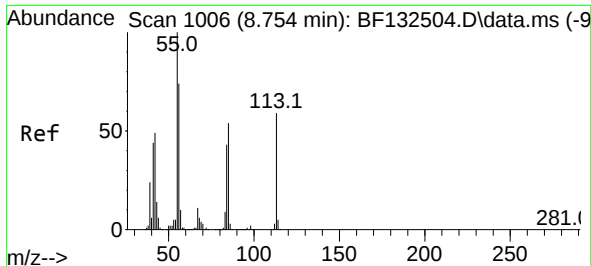
Ion Ratio Lower Upper

122 100

105 58.6 102.6 142.6#

77 269.3 70.2 110.2#

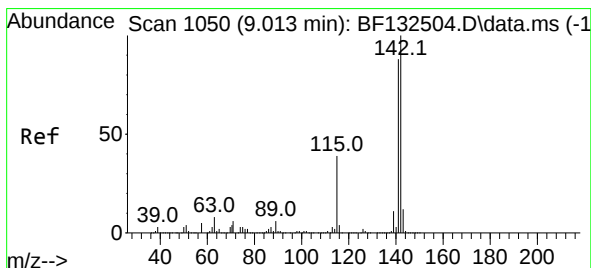
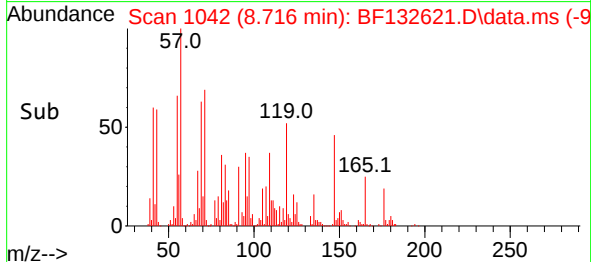
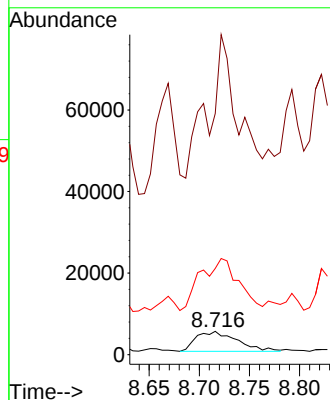
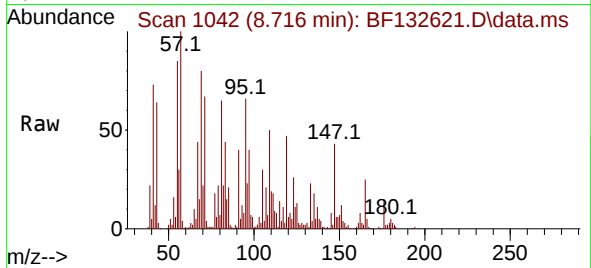




#35
Caprolactam
Concen: 4.949 ng
RT: 8.716 min Scan# 1042
Delta R.T. -0.026 min
Lab File: BF132621.D
Acq: 02 Mar 2023 22:26

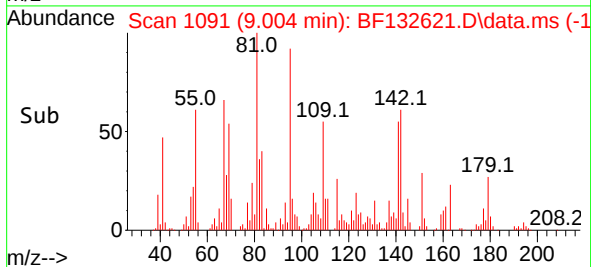
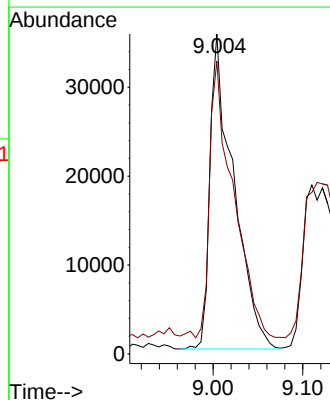
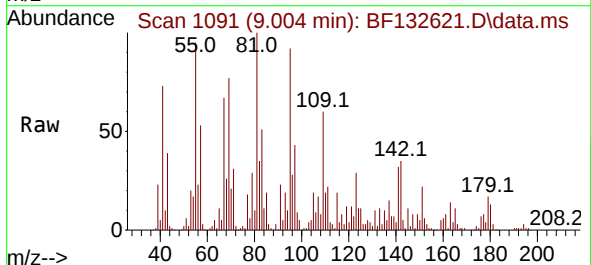
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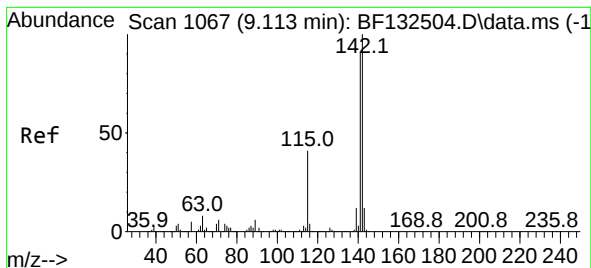
Tgt Ion:113 Resp: 13921
Ion Ratio Lower Upper
113 100
55 1035.3 149.4 189.4#
56 370.4 105.0 145.0#



#37
2-Methylnaphthalene
Concen: 3.394 ng
RT: 9.004 min Scan# 1091
Delta R.T. -0.003 min
Lab File: BF132621.D
Acq: 02 Mar 2023 22:26

Tgt Ion:142 Resp: 64706
Ion Ratio Lower Upper
142 100
141 91.6 70.2 105.2





#38

1-Methylnaphthalene

Concen: 2.804 ng

RT: 9.110 min Scan# 1109

Delta R.T. 0.003 min

Lab File: BF132621.D

Acq: 02 Mar 2023 22:26

Instrument :

BNA_F

ClientSampleId :

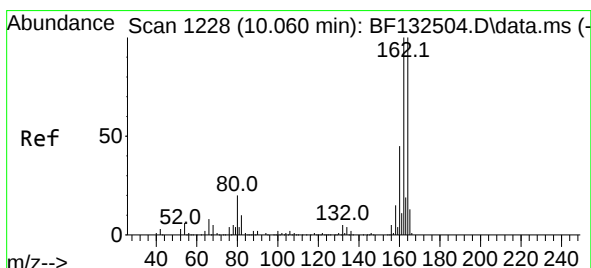
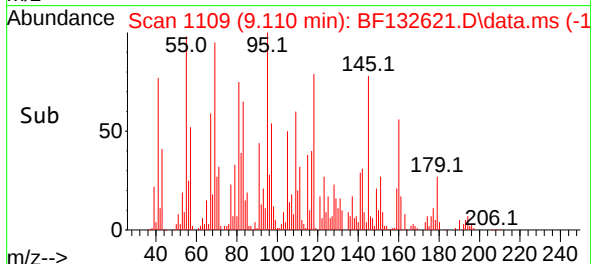
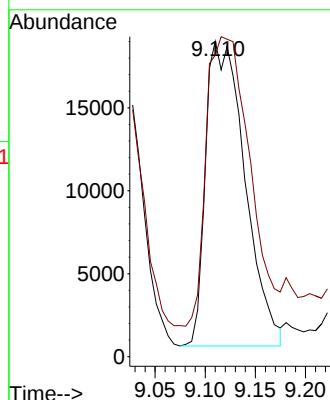
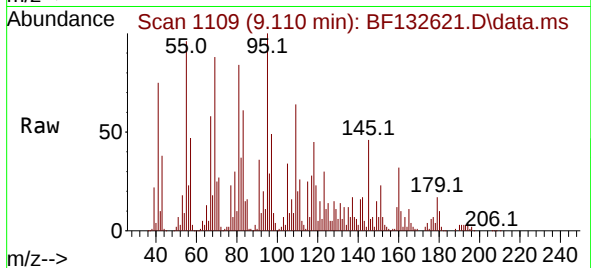
RBR200058

Tgt Ion:142 Resp: 49958

Ion Ratio Lower Upper

142 100

141 95.6 73.0 109.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.092 min Scan# 1276

Delta R.T. 0.038 min

Lab File: BF132621.D

Acq: 02 Mar 2023 22:26

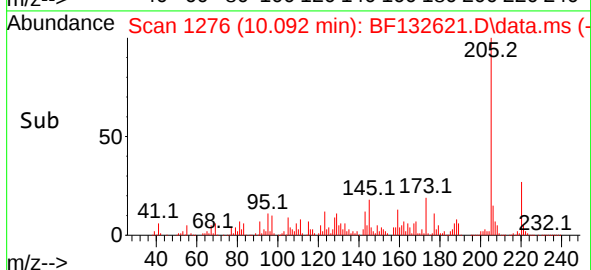
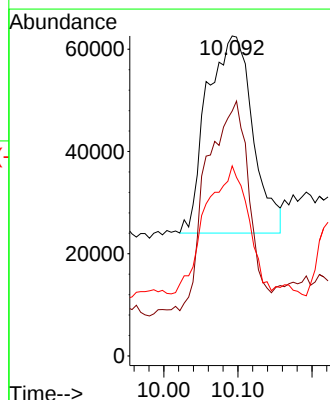
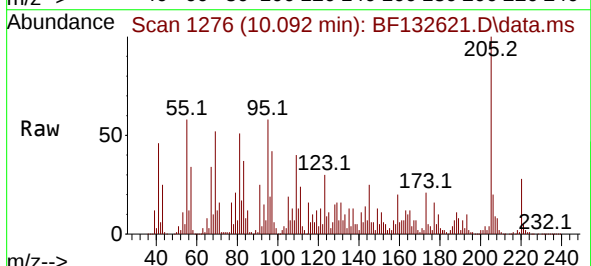
Tgt Ion:164 Resp: 165686

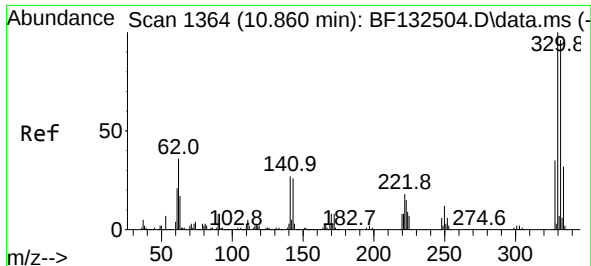
Ion Ratio Lower Upper

164 100

162 76.5 79.8 119.8#

160 59.4 35.8 53.6#

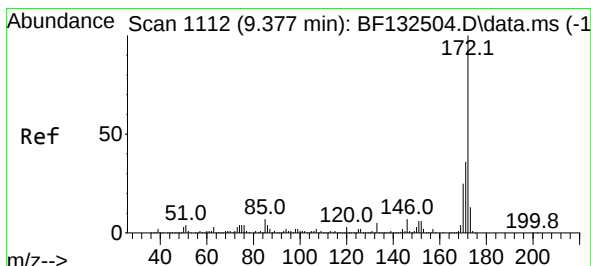
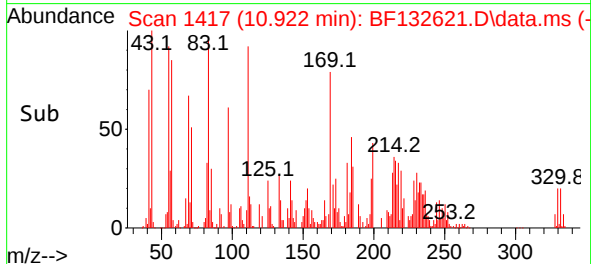
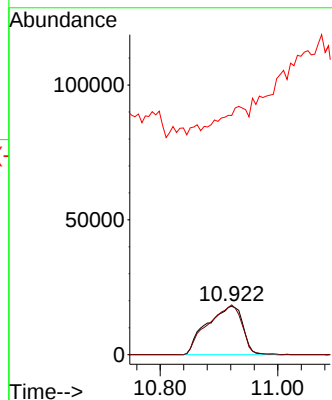
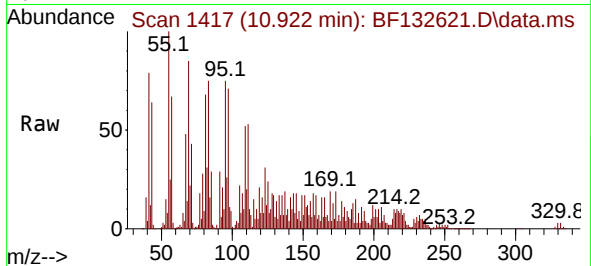




#42
2,4,6-Tribromophenol
Concen: 42.723 ng
RT: 10.922 min Scan# 1417
Delta R.T. 0.074 min
Lab File: BF132621.D
Acq: 02 Mar 2023 22:26

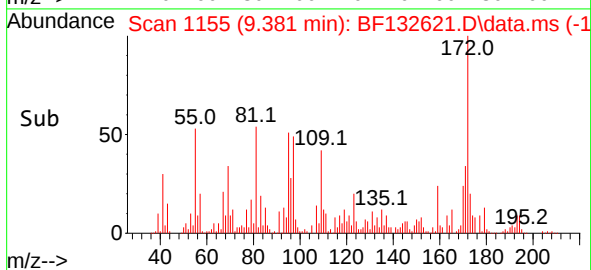
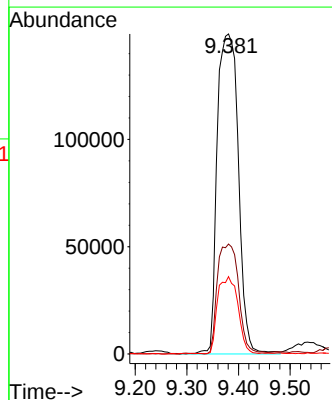
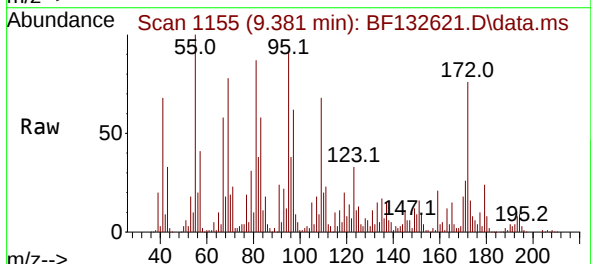
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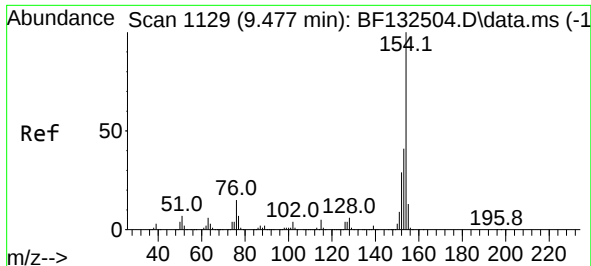
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Ion Ratio Lower Upper
330 100
332 97.9 76.2 114.4
141 0.0 28.4 42.6#



#45
2-Fluorobiphenyl
Concen: 38.931 ng
RT: 9.381 min Scan# 1155
Delta R.T. 0.009 min
Lab File: BF132621.D
Acq: 02 Mar 2023 22:26

Tgt Ion:172 Resp: 423620
Ion Ratio Lower Upper
172 100
171 34.4 28.8 43.2
170 24.1 19.7 29.5

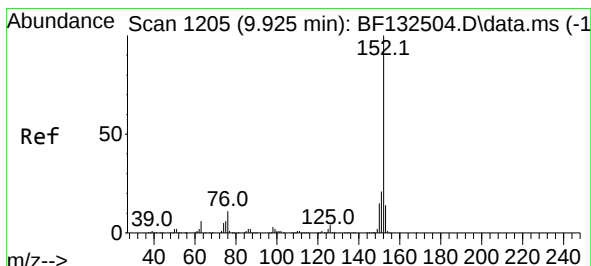
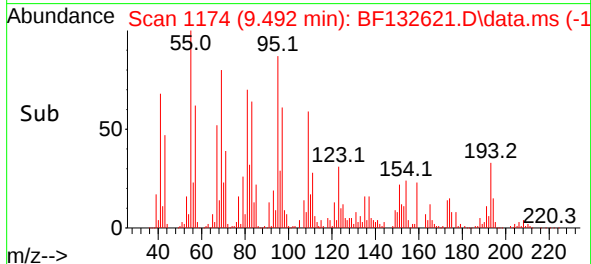
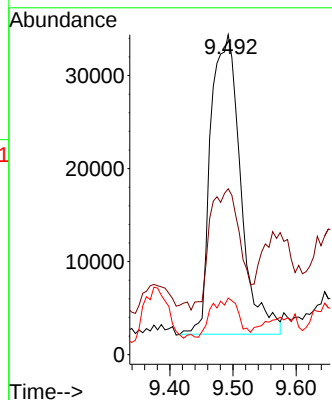
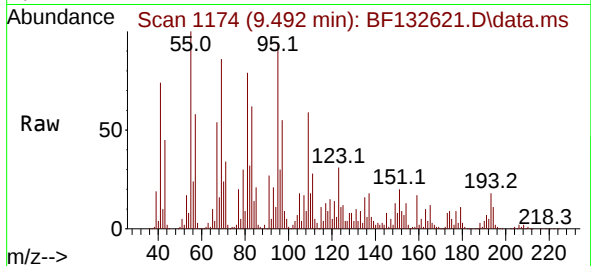




#46
1,1'-Biphenyl
Concen: 8.473 ng
RT: 9.492 min Scan# 1129
Delta R.T. 0.021 min
Lab File: BF132621.D
Acq: 02 Mar 2023 22:26

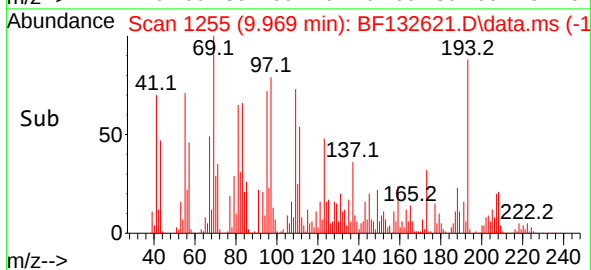
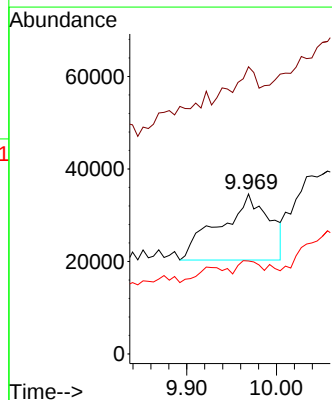
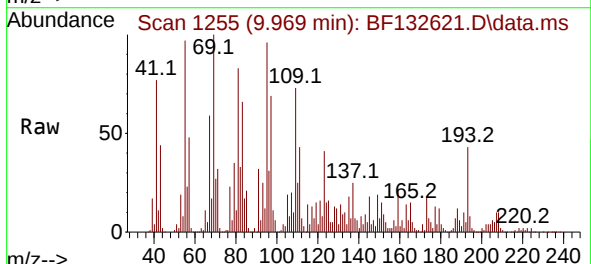
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BNA_F
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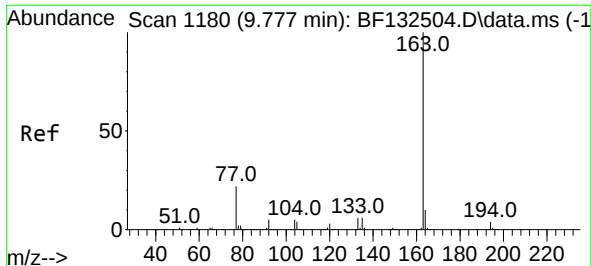
Tgt Ion:154 Resp: 106253
Ion Ratio Lower Upper
154 100
153 51.8 20.9 60.9
76 17.7 0.0 34.7



#49
Acenaphthylene
Concen: 3.457 ng
RT: 9.969 min Scan# 1255
Delta R.T. 0.050 min
Lab File: BF132621.D
Acq: 02 Mar 2023 22:26

Tgt Ion:152 Resp: 54710
Ion Ratio Lower Upper
152 100
151 179.5 16.4 24.6#
153 58.1 11.0 16.6#

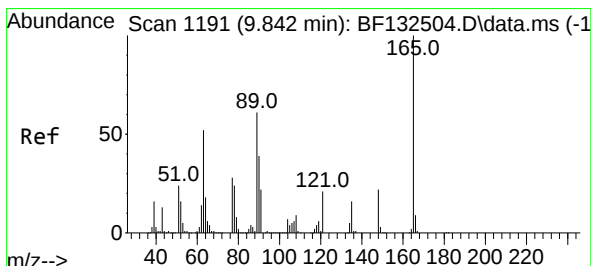
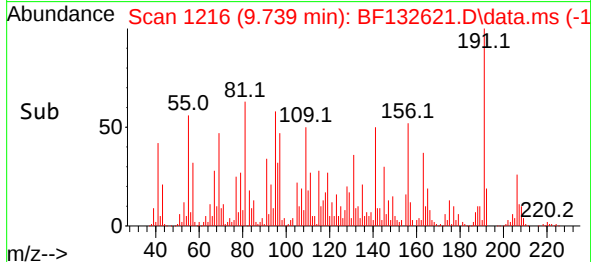
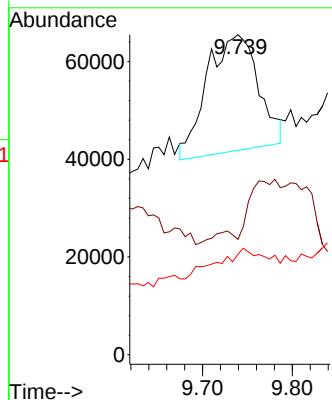
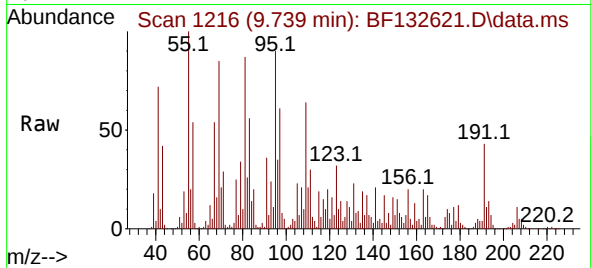




#50
Dimethylphthalate
Concen: 7.846 ng
RT: 9.739 min Scan# 1180
Delta R.T. -0.032 min
Lab File: BF132621.D
Acq: 02 Mar 2023 22:26

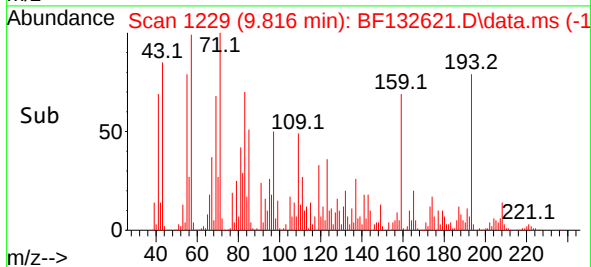
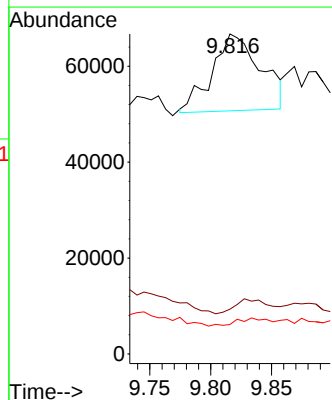
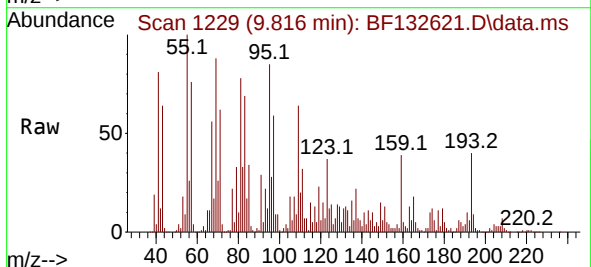
Instrument :
BNA_F
ClientSampleId :
RBR200058

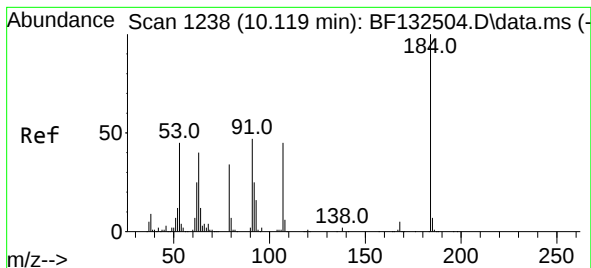
Tgt Ion:163 Resp: 94657
Ion Ratio Lower Upper
163 100
194 36.1 3.3 4.9#
164 31.4 8.3 12.5#



#51
2,6-Dinitrotoluene
Concen: 16.153 ng
RT: 9.816 min Scan# 1229
Delta R.T. -0.020 min
Lab File: BF132621.D
Acq: 02 Mar 2023 22:26

Tgt Ion:165 Resp: 44380
Ion Ratio Lower Upper
165 100
63 14.0 47.3 70.9#
89 9.2 48.9 73.3#

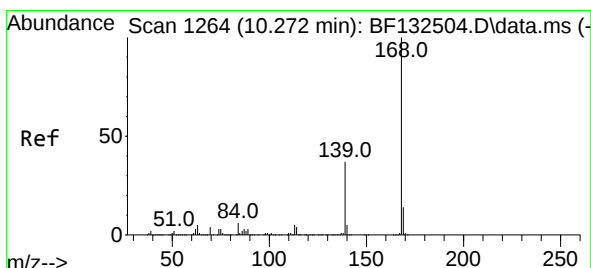
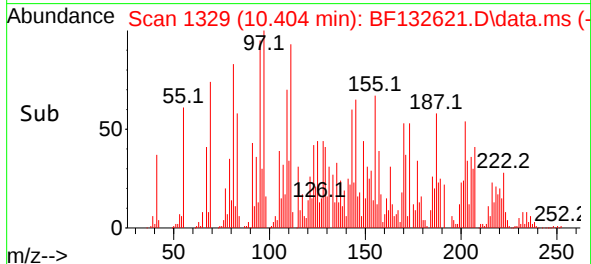
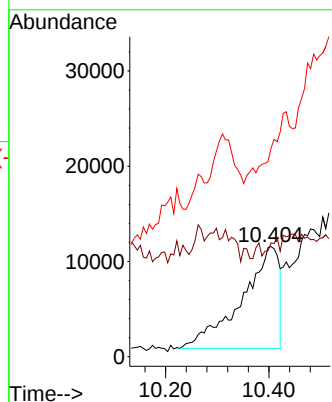
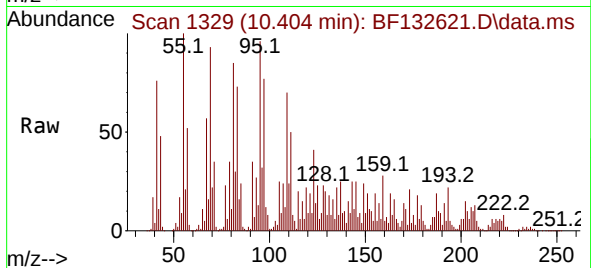




#54
2,4-Dinitrophenol
Concen: 32.241 ng
RT: 10.404 min Scan# 11
Delta R.T. 0.291 min
Lab File: BF132621.D
Acq: 02 Mar 2023 22:26

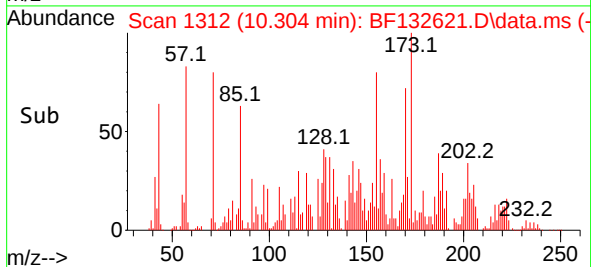
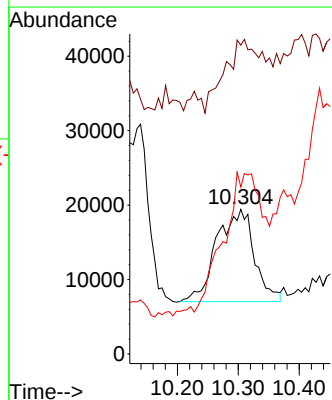
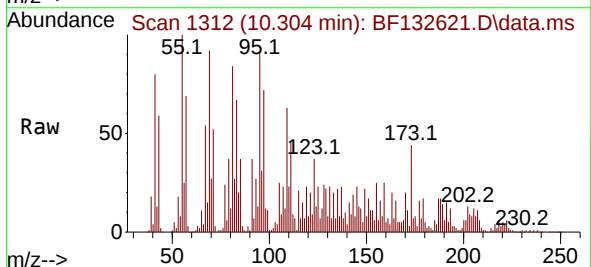
Instrument :
BNA_F
ClientSampleId :
RBR200058

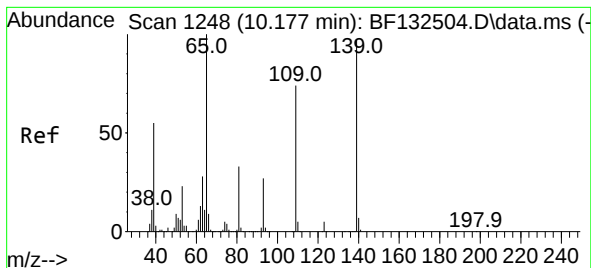
Tgt Ion:184 Resp: 53868
Ion Ratio Lower Upper
184 100
63 103.2 51.4 77.2#
154 189.5 48.3 72.5#



#55
Dibenzofuran
Concen: 3.627 ng
RT: 10.304 min Scan# 1312
Delta R.T. 0.044 min
Lab File: BF132621.D
Acq: 02 Mar 2023 22:26

Tgt Ion:168 Resp: 53127
Ion Ratio Lower Upper
168 100
139 213.4 29.8 44.6#
169 115.3 10.9 16.3#

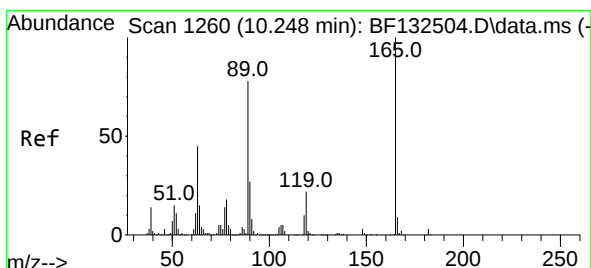
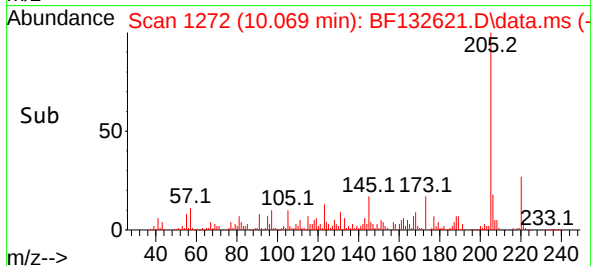
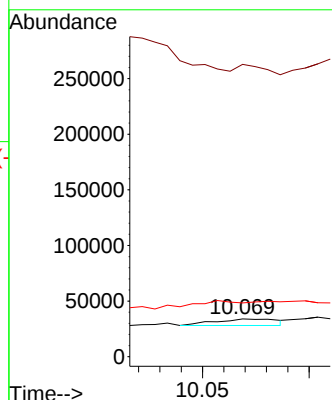
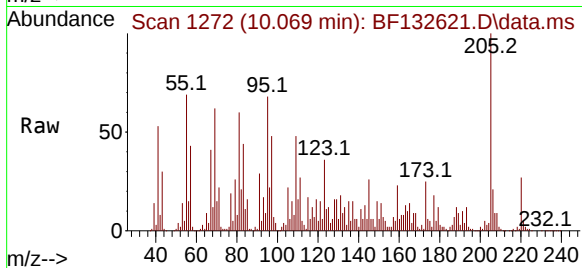




#56
4-Nitrophenol
Concen: 5.285 ng
RT: 10.069 min Scan# 11
Delta R.T. -0.097 min
Lab File: BF132621.D
Acq: 02 Mar 2023 22:26

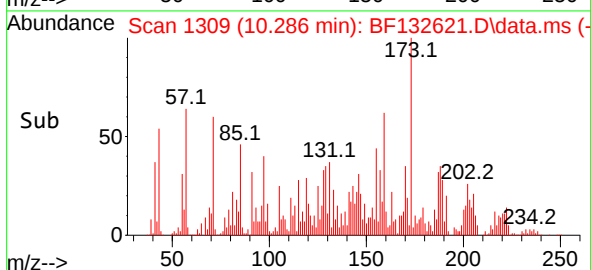
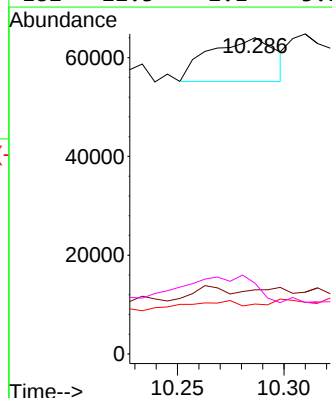
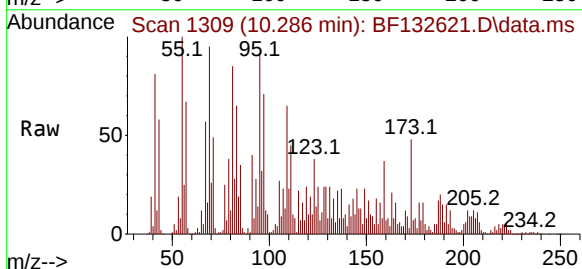
Instrument :
BNA_F
ClientSampleId :
RBR200058

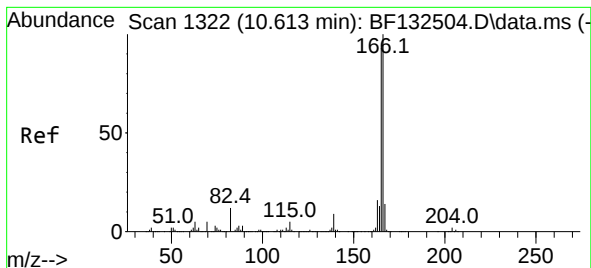
Tgt Ion:139 Resp: 12113
Ion Ratio Lower Upper
139 100
109 773.6 56.7 96.7#
65 142.2 83.5 123.5#



#57
2,4-Dinitrotoluene
Concen: 5.204 ng
RT: 10.286 min Scan# 1309
Delta R.T. 0.044 min
Lab File: BF132621.D
Acq: 02 Mar 2023 22:26

Tgt Ion:165 Resp: 19022
Ion Ratio Lower Upper
165 100
63 20.3 36.5 54.7#
89 15.8 62.4 93.6#
182 22.3 2.1 3.1#





#58

Fluorene

Concen: 9.462 ng

RT: 10.628 min Scan# 1

Delta R.T. 0.021 min

Lab File: BF132621.D

Acq: 02 Mar 2023 22:26

Instrument :

BNA_F

ClientSampleId :

RBR200058

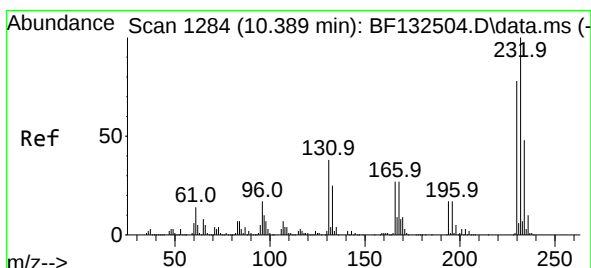
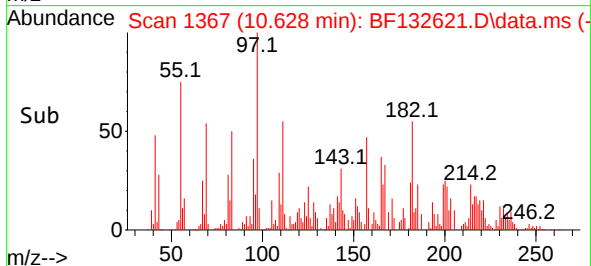
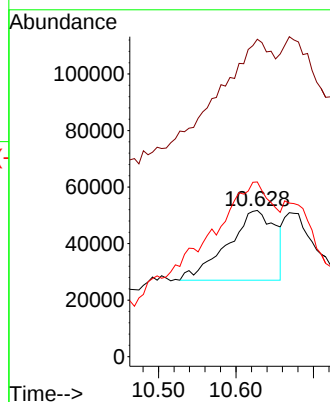
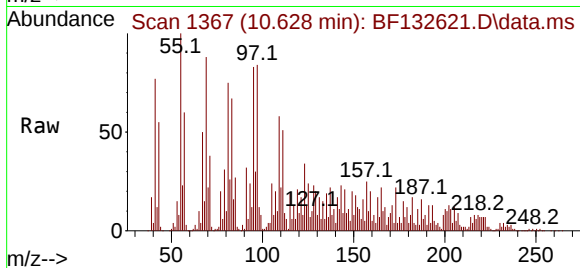
Tgt Ion:166 Resp: 106016

Ion Ratio Lower Upper

166 100

165 217.1 74.2 111.4#

167 119.5 11.1 16.7#



#59

2,3,4,6-Tetrachlorophenol

Concen: 12.813 ng

RT: 10.416 min Scan# 1331

Delta R.T. 0.038 min

Lab File: BF132621.D

Acq: 02 Mar 2023 22:26

Tgt Ion:232 Resp: 40809

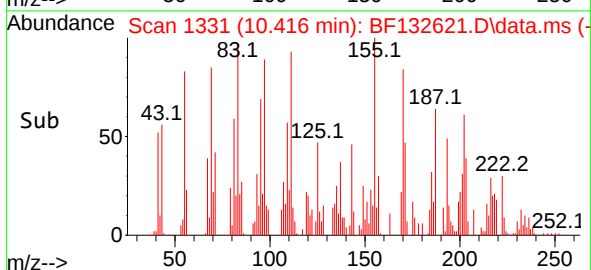
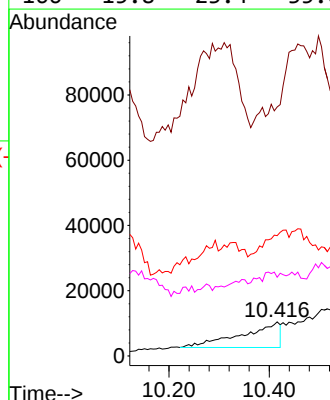
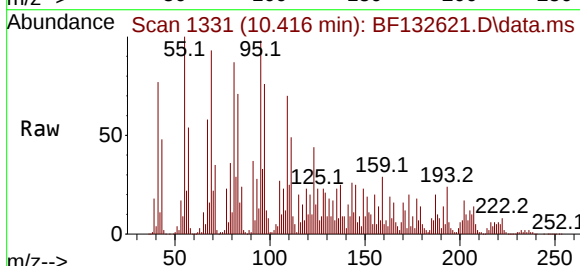
Ion Ratio Lower Upper

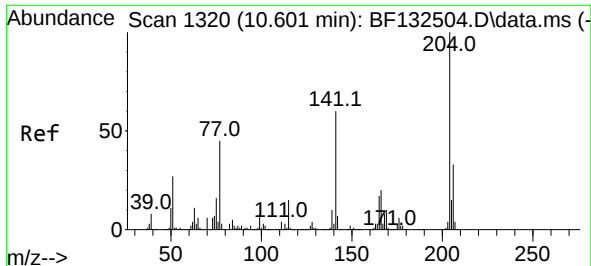
232 100

131 0.0 33.8 50.8#

130 0.0 1.7 2.5#

166 15.8 23.4 35.0#

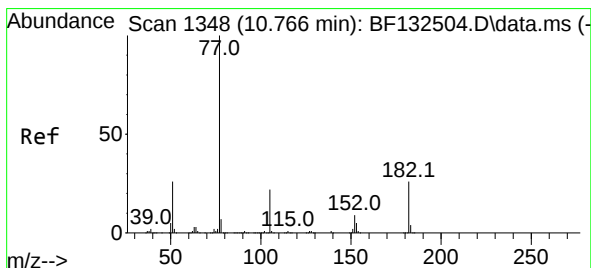
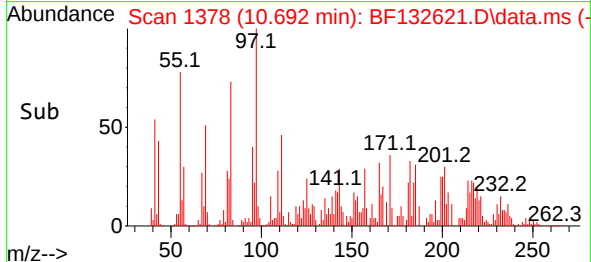
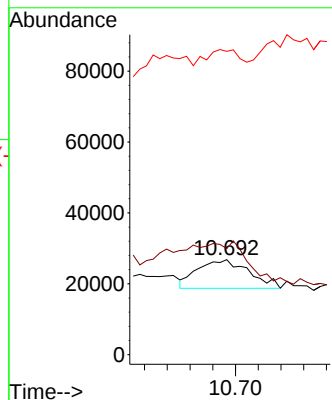
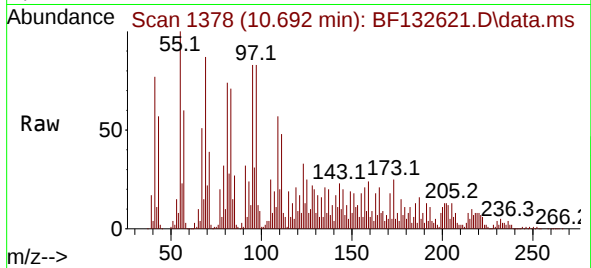




#61
4-Chlorophenyl-phenylether
Concen: 4.356 ng
RT: 10.692 min Scan# 1378
Delta R.T. 0.097 min
Lab File: BF132621.D
Acq: 02 Mar 2023 22:26

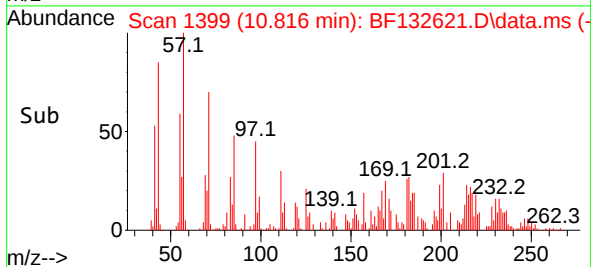
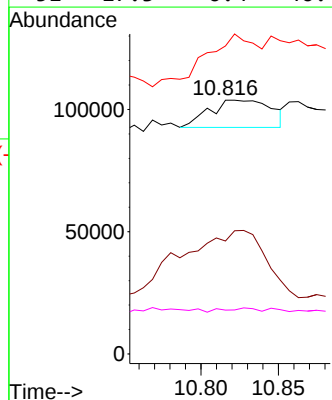
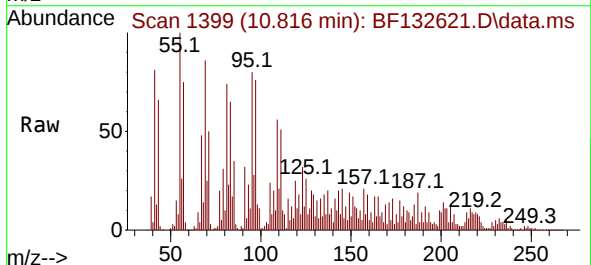
Instrument :
BNA_F
ClientSampleId :
RBR200058

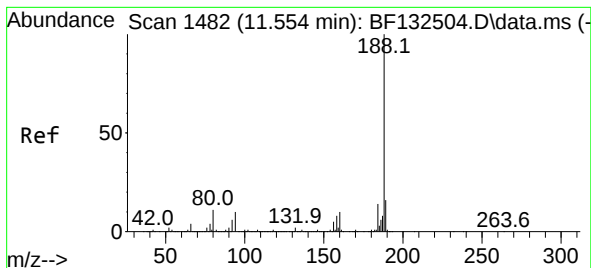
Tgt Ion: 204 Resp: 25322
Ion Ratio Lower Upper
204 100
206 111.7 26.3 39.5#
141 319.4 47.8 71.8#



#63
Azobenzene
Concen: 2.504 ng
RT: 10.816 min Scan# 1399
Delta R.T. 0.062 min
Lab File: BF132621.D
Acq: 02 Mar 2023 22:26

Tgt Ion: 77 Resp: 31245
Ion Ratio Lower Upper
77 100
182 44.5 5.5 45.5
105 121.3 1.8 41.8#
51 17.3 6.4 46.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.663 min Scan# 11

Delta R.T. 0.115 min

Lab File: BF132621.D

Acq: 02 Mar 2023 22:26

Instrument :

BNA_F

ClientSampleId :

RBR200058

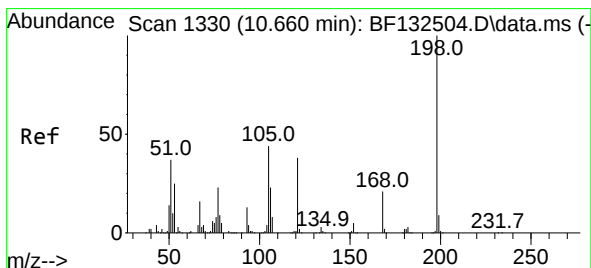
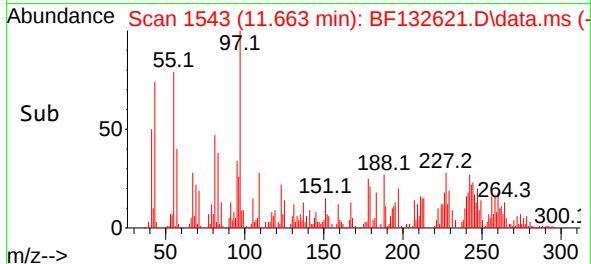
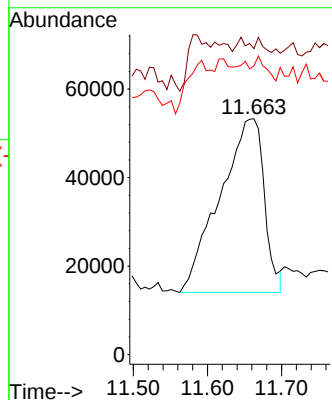
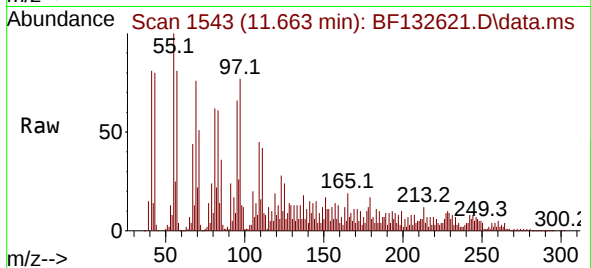
Tgt Ion:188 Resp: 162892

Ion Ratio Lower Upper

188 100

94 129.7 8.3 12.5#

80 122.4 8.7 13.1#



#65

4,6-Dinitro-2-methylphenol

Concen: 11.371 ng

RT: 10.816 min Scan# 1399

Delta R.T. 0.162 min

Lab File: BF132621.D

Acq: 02 Mar 2023 22:26

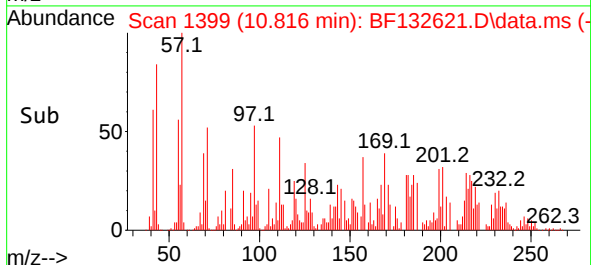
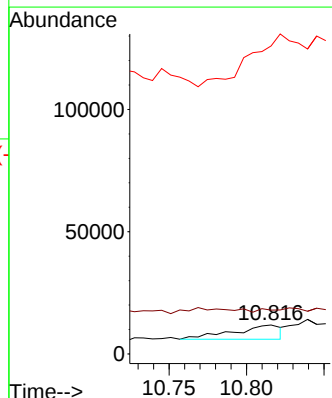
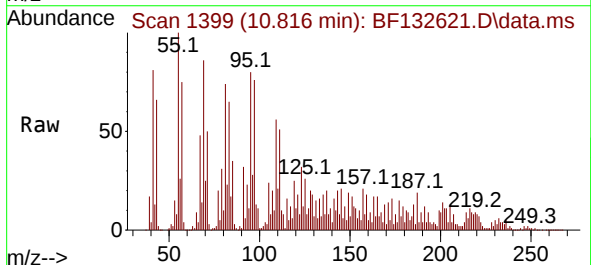
Tgt Ion:198 Resp: 12539

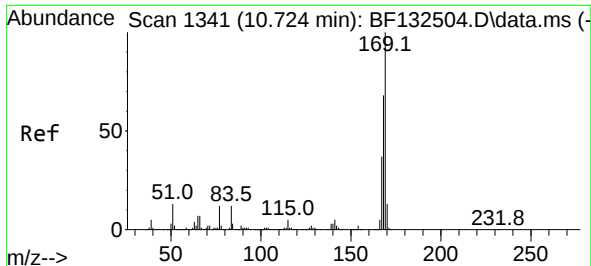
Ion Ratio Lower Upper

198 100

51 151.2 20.6 60.6#

105 1062.6 24.3 64.3#

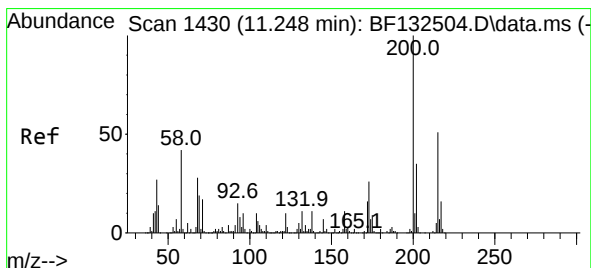
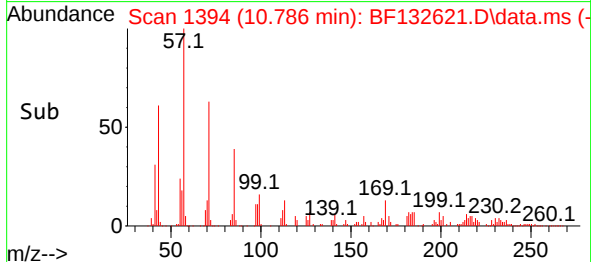
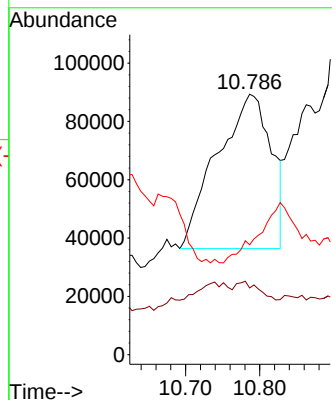
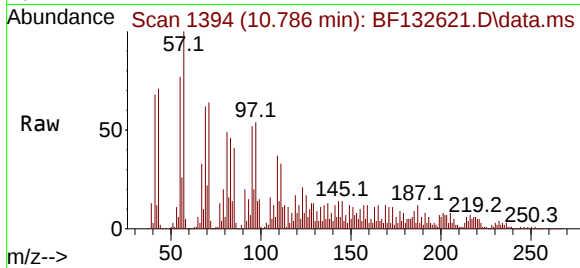




#66
n-Nitrosodiphenylamine
Concen: 52.984 ng
RT: 10.786 min Scan# 11
Delta R.T. 0.074 min
Lab File: BF132621.D
Acq: 02 Mar 2023 22:26

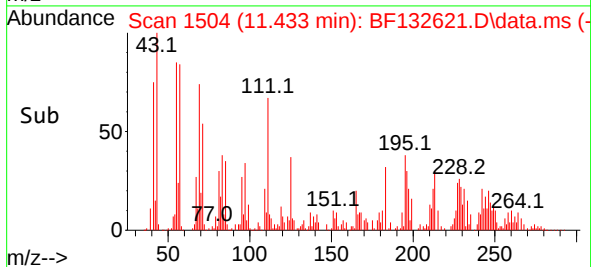
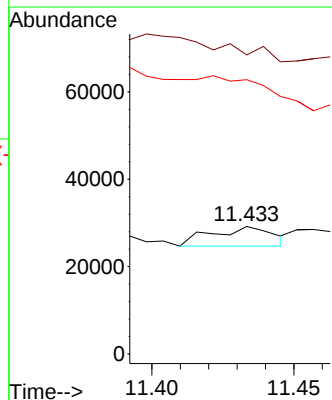
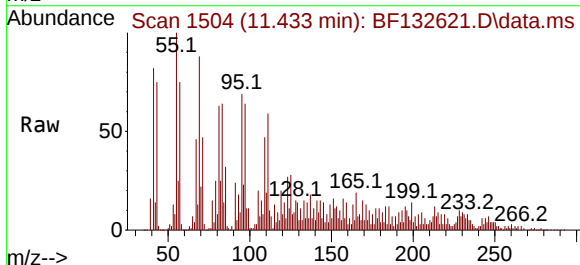
Instrument :
BNA_F
ClientSampleId :
RBR200058

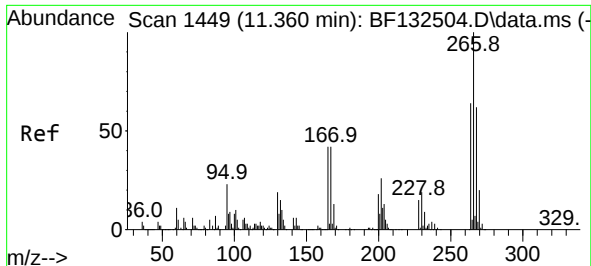
Tgt Ion:169 Resp: 269069
Ion Ratio Lower Upper
169 100
168 25.6 54.2 81.4#
167 42.2 29.6 44.4



#69
Atrazine
Concen: 4.248 ng
RT: 11.433 min Scan# 1504
Delta R.T. 0.197 min
Lab File: BF132621.D
Acq: 02 Mar 2023 22:26

Tgt Ion:200 Resp: 6735
Ion Ratio Lower Upper
200 100
173 234.3 6.4 46.4#
215 215.0 31.0 71.0#

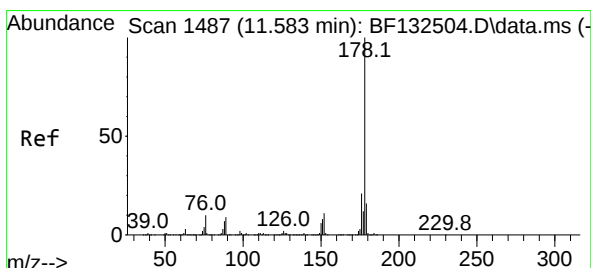
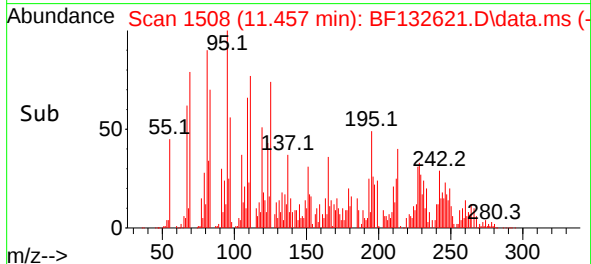
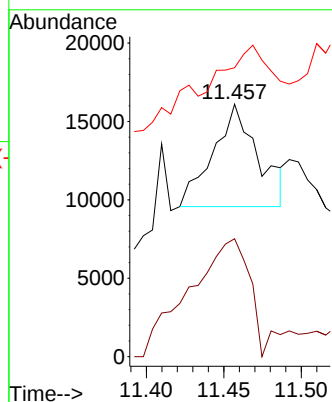
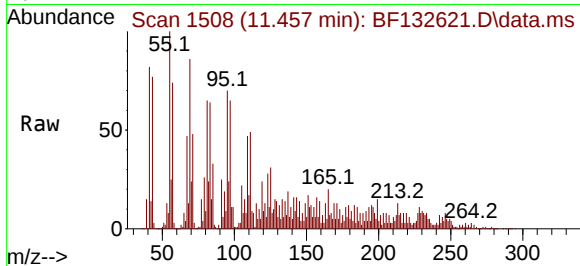




#70
 Pentachlorophenol
 Concen: 11.374 ng
 RT: 11.457 min Scan# 1147
 Delta R.T. 0.109 min
 Lab File: BF132621.D
 Acq: 02 Mar 2023 22:26

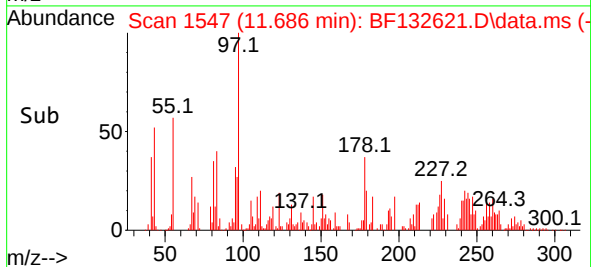
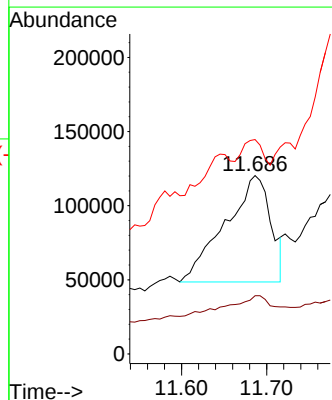
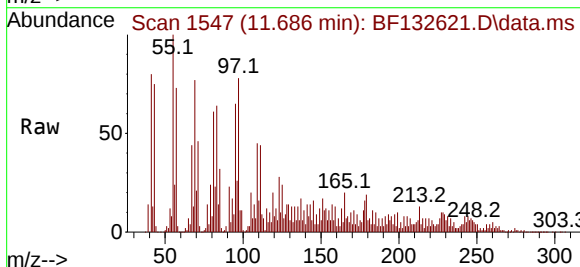
Instrument :
 BNA_F
 ClientSampleId :
 RBR200058

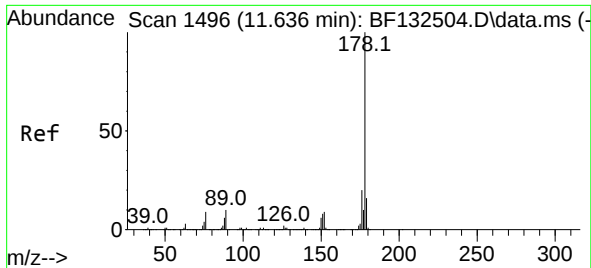
Tgt Ion:266 Resp: 13120
 Ion Ratio Lower Upper
 266 100
 268 46.7 49.8 74.6#
 264 114.4 50.9 76.3#



#71
 Phenanthrene
 Concen: 31.677 ng
 RT: 11.686 min Scan# 1547
 Delta R.T. 0.109 min
 Lab File: BF132621.D
 Acq: 02 Mar 2023 22:26

Tgt Ion:178 Resp: 267307
 Ion Ratio Lower Upper
 178 100
 176 32.7 16.5 24.7#
 179 120.2 13.0 19.6#

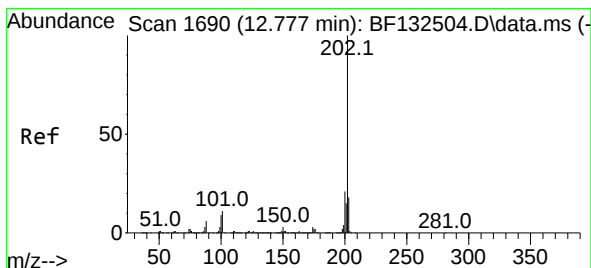
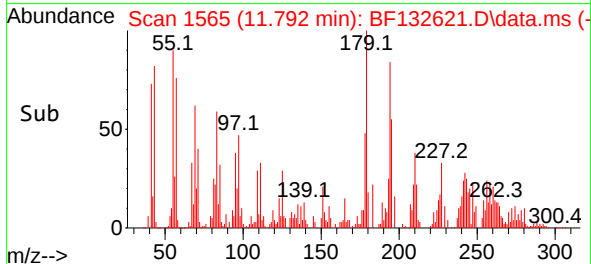
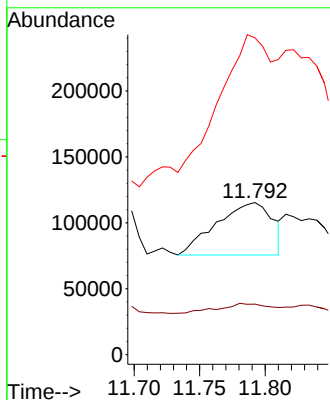
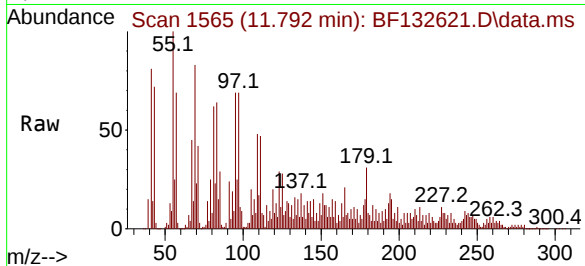




#72
 Anthracene
 Concen: 13.644 ng
 RT: 11.792 min Scan# 11751
 Delta R.T. 0.162 min
 Lab File: BF132621.D
 Acq: 02 Mar 2023 22:26

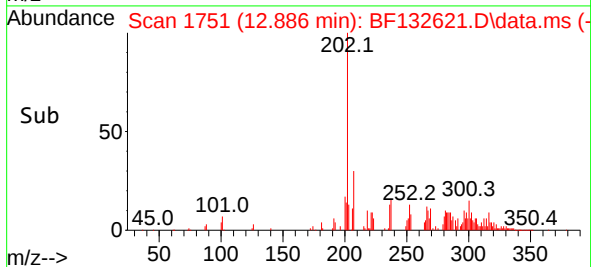
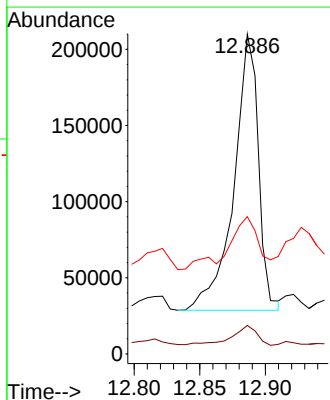
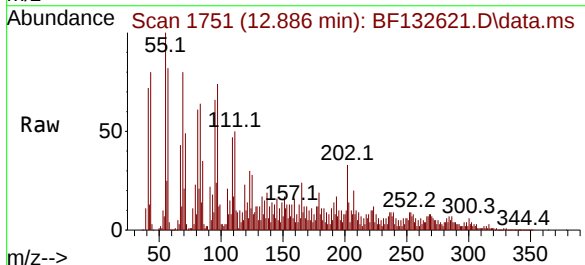
Instrument :
 BNA_F
 ClientSampleId :
 RBR200058

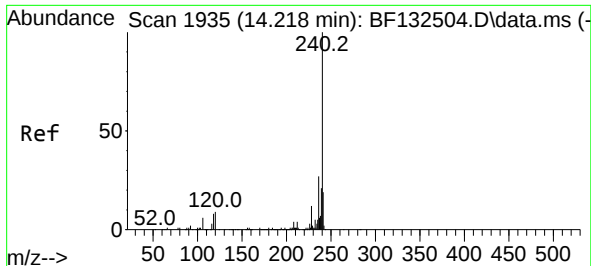
Tgt Ion:178 Resp: 118568
 Ion Ratio Lower Upper
 178 100
 176 33.3 15.6 23.4#
 179 208.4 12.5 18.7#



#75
 Fluoranthene
 Concen: 25.611 ng
 RT: 12.886 min Scan# 1751
 Delta R.T. 0.115 min
 Lab File: BF132621.D
 Acq: 02 Mar 2023 22:26

Tgt Ion:202 Resp: 236261
 Ion Ratio Lower Upper
 202 100
 101 8.9 0.0 31.4
 203 42.9 0.0 38.0#

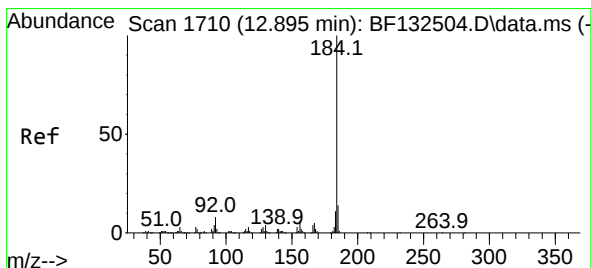
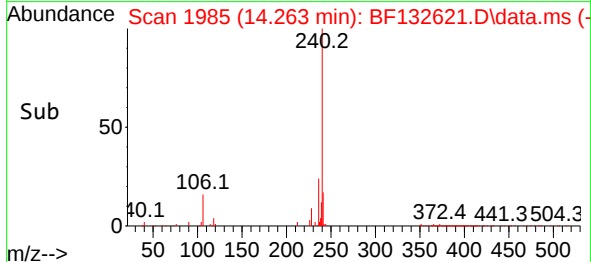
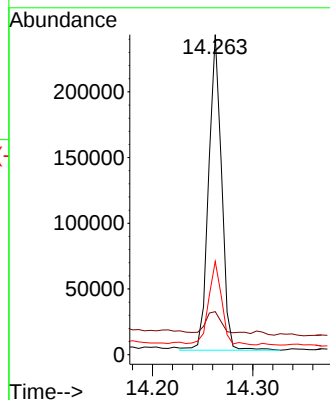
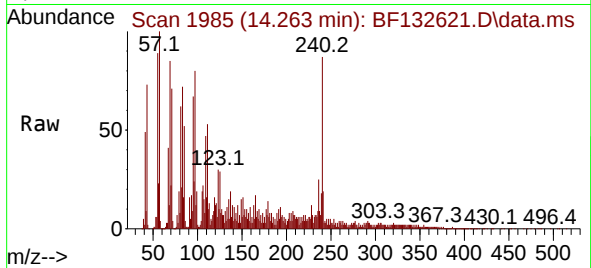




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.263 min Scan# 1935
Delta R.T. 0.056 min
Lab File: BF132621.D
Acq: 02 Mar 2023 22:26

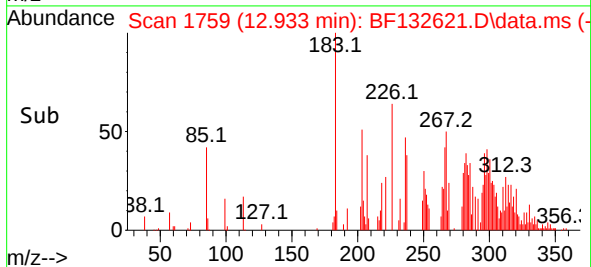
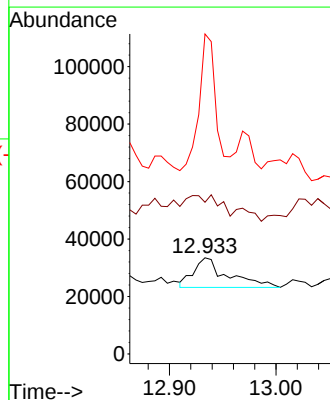
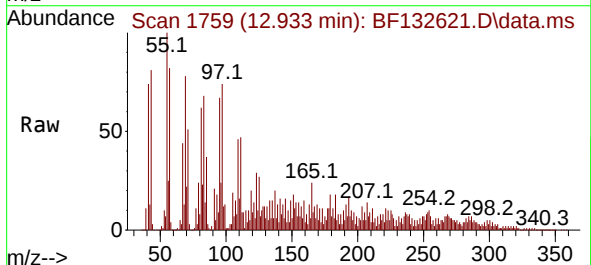
Instrument :
BNA_F
ClientSampleId :
RBR200058

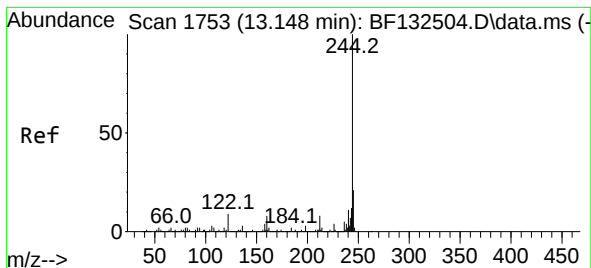
Tgt Ion:240 Resp: 215144
Ion Ratio Lower Upper
240 100
120 13.4 7.2 10.8#
236 29.1 21.8 32.6



#77
Benzidine
Concen: 4.386 ng
RT: 12.933 min Scan# 1759
Delta R.T. 0.050 min
Lab File: BF132621.D
Acq: 02 Mar 2023 22:26

Tgt Ion:184 Resp: 22972
Ion Ratio Lower Upper
184 100
185 157.8 11.7 17.5#
183 333.0 8.7 13.1#





#79

Terphenyl-d14

Concen: 21.387 ng

RT: 13.222 min Scan# 1808

Delta R.T. 0.080 min

Lab File: BF132621.D

Acq: 02 Mar 2023 22:26

Instrument :

BNA_F

ClientSampleId :

RBR200058

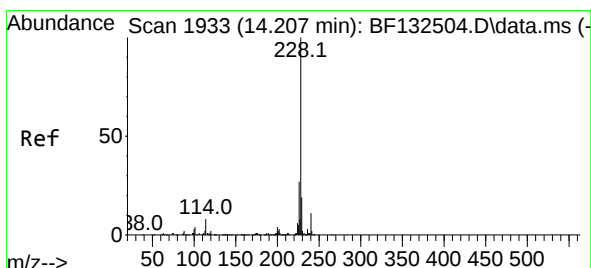
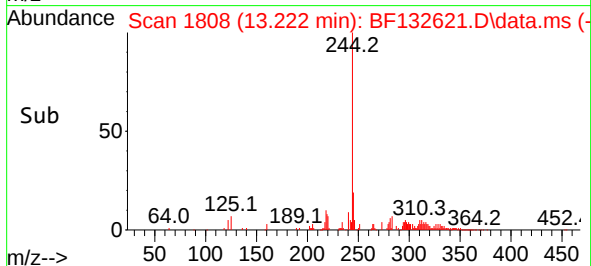
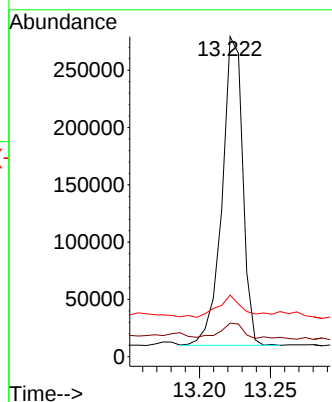
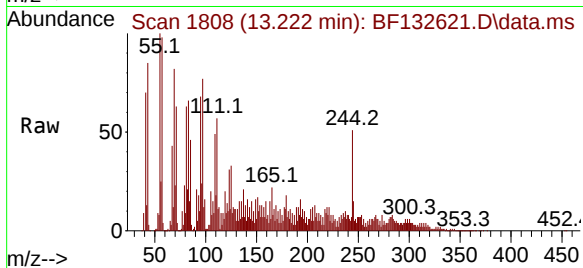
Tgt Ion:244 Resp: 272141

Ion Ratio Lower Upper

244 100

212 10.5 6.5 9.7#

122 19.3 7.5 11.3#



#81

Benzo(a)anthracene

Concen: 5.484 ng

RT: 14.251 min Scan# 1983

Delta R.T. 0.056 min

Lab File: BF132621.D

Acq: 02 Mar 2023 22:26

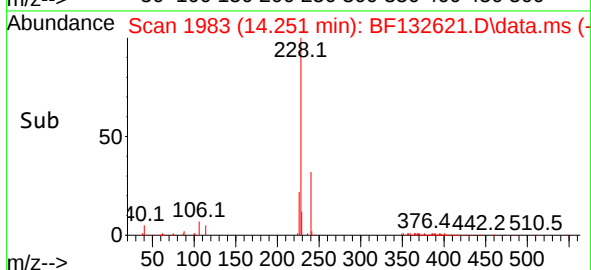
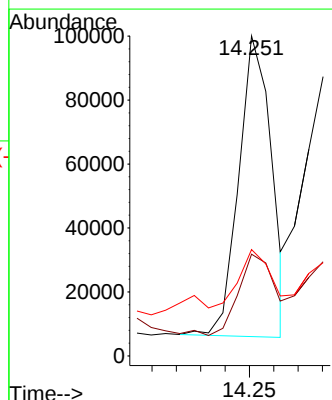
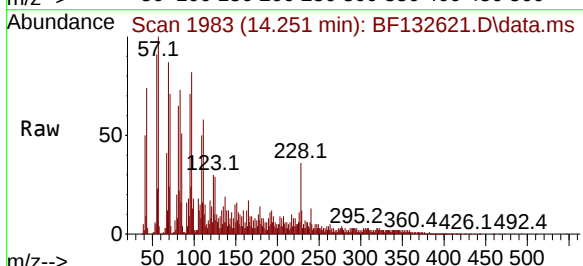
Tgt Ion:228 Resp: 88280

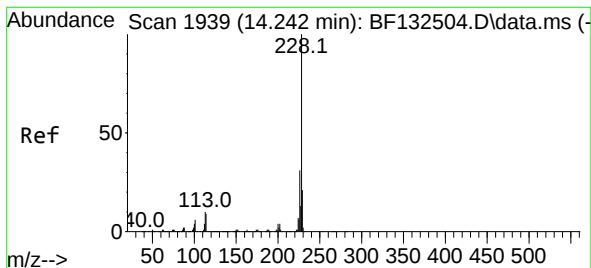
Ion Ratio Lower Upper

228 100

226 31.8 21.7 32.5

229 33.3 15.4 23.2#





#83

Chrysene

Concen: 11.399 ng

RT: 14.286 min Scan# 1989

Delta R.T. 0.050 min

Lab File: BF132621.D

Acq: 02 Mar 2023 22:26

Instrument :

BNA_F

ClientSampleId :

RBR200058

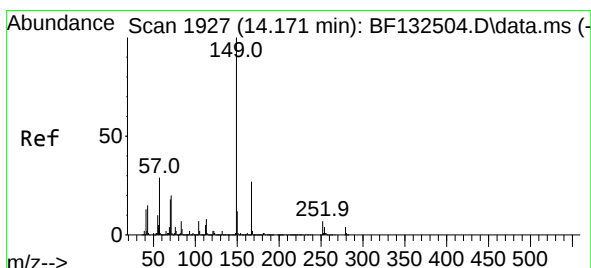
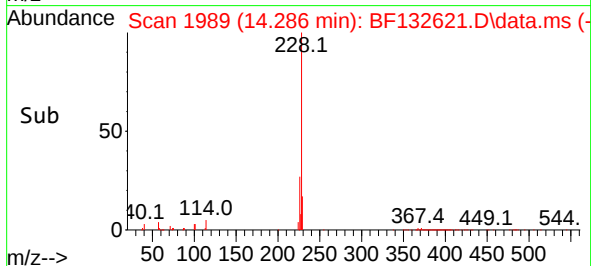
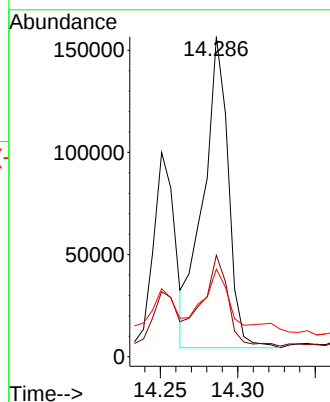
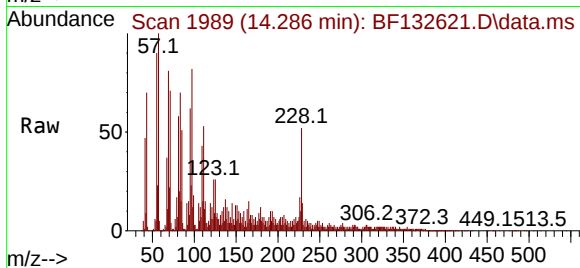
Tgt Ion:228 Resp: 171594

Ion Ratio Lower Upper

228 100

226 31.7 25.0 37.6

229 27.4 16.4 24.6#



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.188 ng

RT: 14.198 min Scan# 1974

Delta R.T. 0.032 min

Lab File: BF132621.D

Acq: 02 Mar 2023 22:26

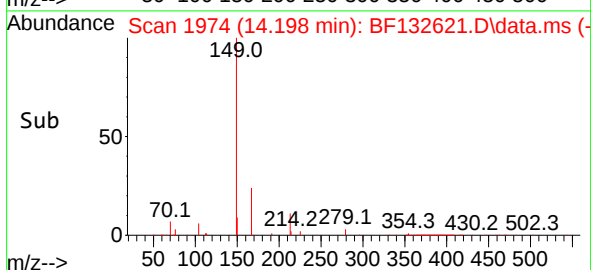
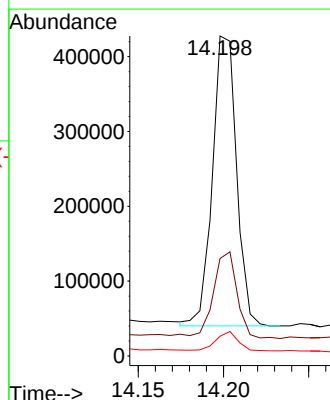
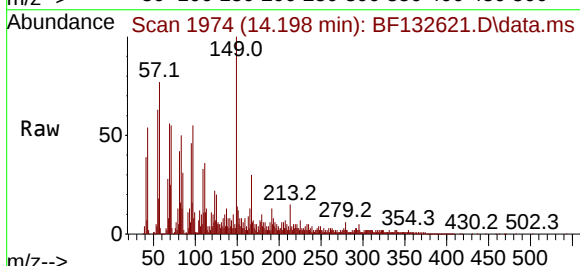
Tgt Ion:149 Resp: 381073

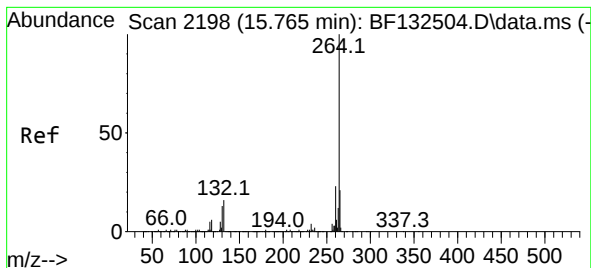
Ion Ratio Lower Upper

149 100

167 30.5 21.8 32.6

279 6.1 3.0 4.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.798 min Scan# 21

Delta R.T. 0.044 min

Lab File: BF132621.D

Acq: 02 Mar 2023 22:26

Instrument :

BNA_F

ClientSampleId :

RBR200058

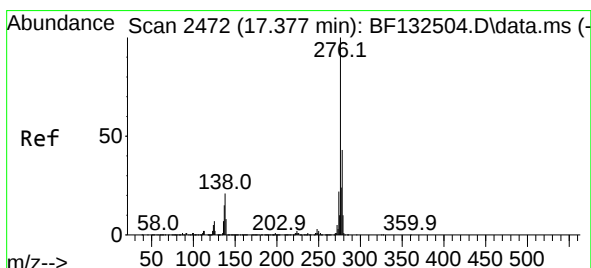
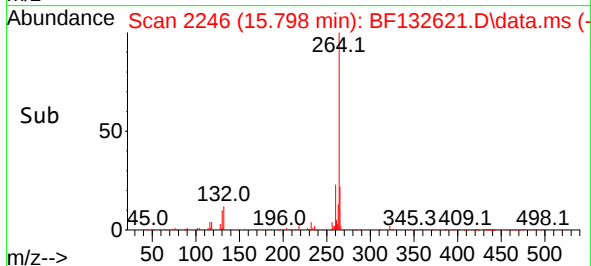
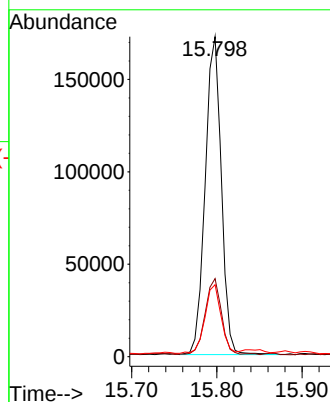
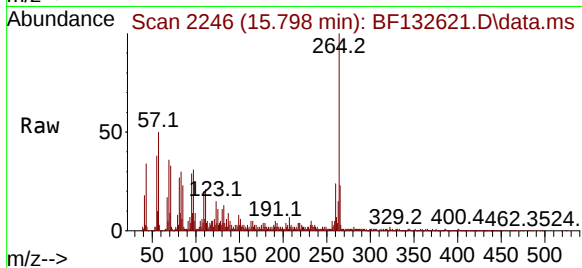
Tgt Ion:264 Resp: 225961

Ion Ratio Lower Upper

264 100

260 24.4 18.8 28.2

265 22.5 17.1 25.7



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.543 ng

RT: 17.386 min Scan# 2516

Delta R.T. 0.027 min

Lab File: BF132621.D

Acq: 02 Mar 2023 22:26

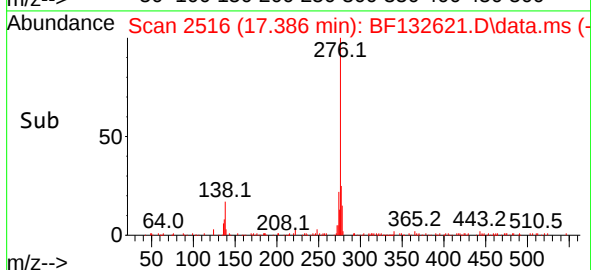
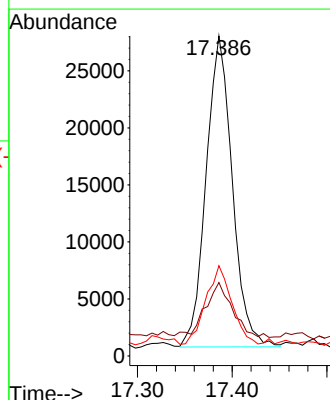
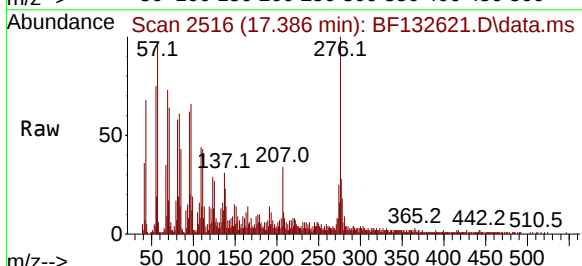
Tgt Ion:276 Resp: 52454

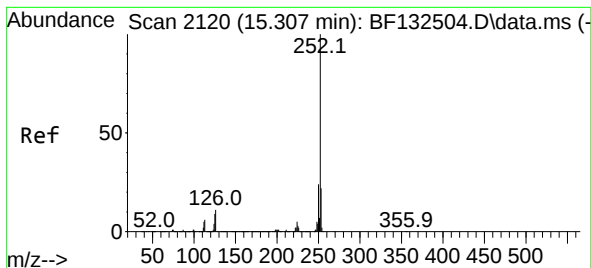
Ion Ratio Lower Upper

276 100

138 21.1 19.0 28.4

277 25.1 20.0 30.0





#88

Benzo(b)fluoranthene

Concen: 15.039 ng

RT: 15.333 min Scan# 2167

Delta R.T. 0.038 min

Lab File: BF132621.D

Acq: 02 Mar 2023 22:26

Instrument :

BNA_F

ClientSampleId :

RBR200058

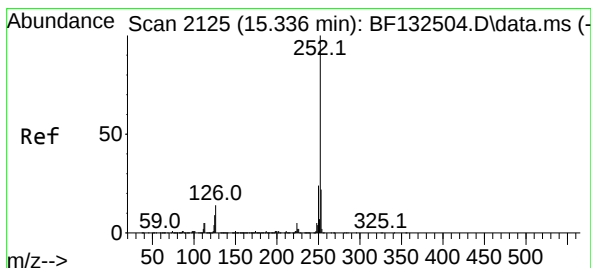
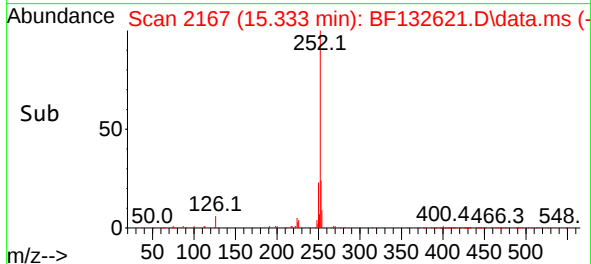
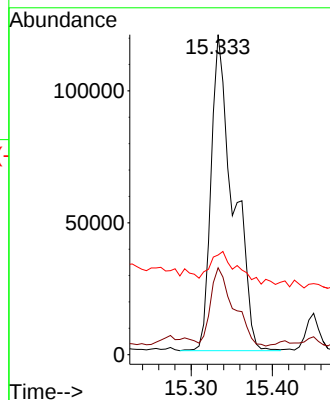
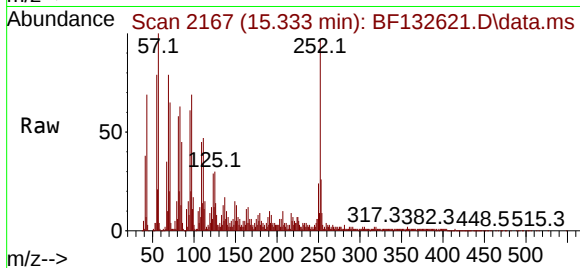
Tgt Ion:252 Resp: 227733

Ion Ratio Lower Upper

252 100

253 27.2 17.4 26.0#

125 31.1 7.0 10.6#



#89

Benzo(k)fluoranthene

Concen: 15.366 ng

RT: 15.333 min Scan# 2167

Delta R.T. 0.009 min

Lab File: BF132621.D

Acq: 02 Mar 2023 22:26

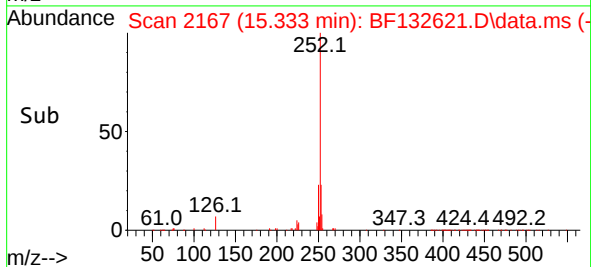
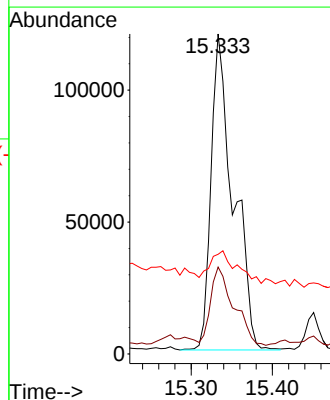
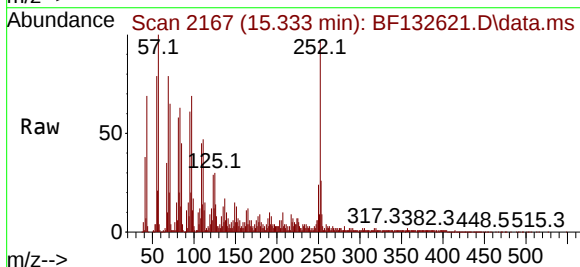
Tgt Ion:252 Resp: 227733

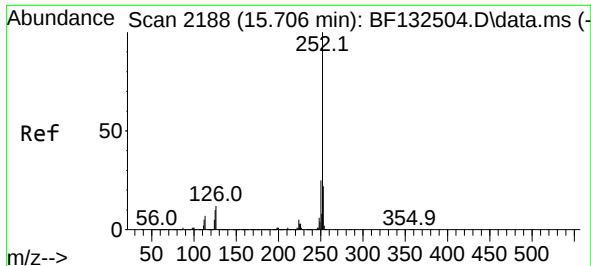
Ion Ratio Lower Upper

252 100

253 27.2 17.5 26.3#

125 31.1 7.2 10.8#

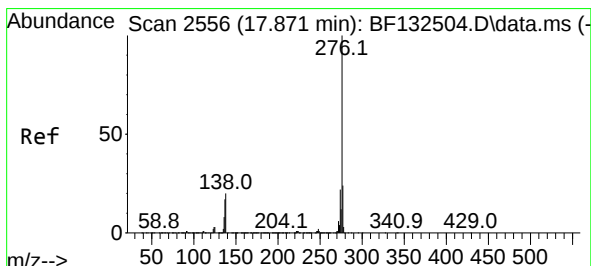
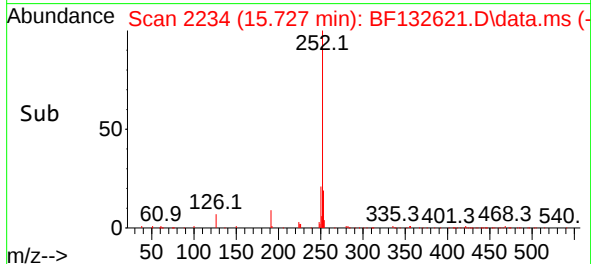
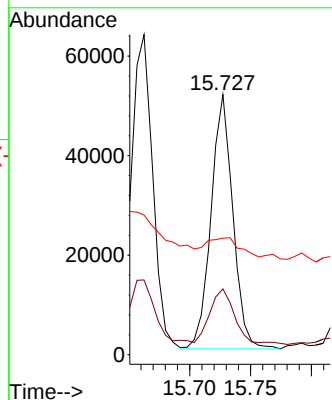
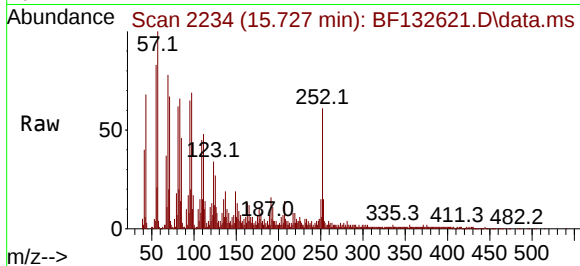




#90
Benzo(a)pyrene
Concen: 4.494 ng
RT: 15.727 min Scan# 2188
Delta R.T. 0.038 min
Lab File: BF132621.D
Acq: 02 Mar 2023 22:26

Instrument :
BNA_F
ClientSampleId :
RBR200058

Tgt Ion:252 Resp: 63696
Ion Ratio Lower Upper
252 100
253 25.3 17.2 25.8
125 44.8 8.0 12.0#



#92
Benzo(g,h,i)perylene
Concen: 5.222 ng
RT: 17.874 min Scan# 2599
Delta R.T. 0.021 min
Lab File: BF132621.D
Acq: 02 Mar 2023 22:26

Tgt Ion:276 Resp: 50894
Ion Ratio Lower Upper
276 100
277 29.2 18.9 28.3#
138 23.3 16.2 24.4

