

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
 Data File : BF133284.D
 Acq On : 06 May 2023 02:03
 Operator : CG\JU
 Sample : 02622-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-251675

Quant Time: May 06 05:54:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 10:49:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	161270	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	618746	20.000	ng	0.00
39) Acenaphthene-d10	9.780	164	107387	20.000	ng	0.02
64) Phenanthrene-d10	11.263	188	3434	20.000	ng	# 0.02
76) Chrysene-d12	13.945	240	203382	20.000	ng	# 0.06
86) Perylene-d12	15.327	264	305129	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	899185	84.226	ng	0.00
7) Phenol-d6	6.369	99	1070353	80.776	ng	0.00
23) Nitrobenzene-d5	7.286	82	652754	56.944	ng	-0.01
42) 2,4,6-Tribromophenol	10.598	330	77956	72.183	ng	0.04
45) 2-Fluorobiphenyl	9.086	172	971361	151.330	ng	0.00
79) Terphenyl-d14	12.904	244	279059	23.664	ng	0.07
Target Compounds						Qvalue
9) Benzaldehyde	6.269	77	2960	Below Cal		88
25) Isophorone	7.286	82	650814	29.902	ng	# 63
48) 2-Nitroaniline	9.304	65	8054	3.910	ng	# 72
49) Acenaphthylene	9.645	152	29614	2.974	ng	# 1
50) Dimethylphthalate	9.492	163	39841	5.321	ng	# 8
51) 2,6-Dinitrotoluene	9.551	165	57929	34.373	ng	# 27
53) 3-Nitroaniline	9.739	138	17160	8.563	ng	# 26
56) 4-Nitrophenol	9.916	139	15360	9.897	ng	# 1
57) 2,4-Dinitrotoluene	9.963	165	22286	10.369	ng	# 31
59) 2,3,4,6-Tetrachlorophenol	10.122	232	5245	2.930	ng	# 1
60) Diethylphthalate	10.210	149	44236	6.254	ng	# 25
62) 4-Nitroaniline	10.310	138	12836	6.969	ng	# 75
63) Azobenzene	10.504	77	31036	4.142	ng	# 44
65) 4,6-Dinitro-2-methylph...	10.369	198	1396	67.069	ng	# 1
66) n-Nitrosodiphenylamine	10.410	169	4305	38.648	ng	# 12
67) 4-Bromophenyl-phenylether	10.798	248	6802	182.635	ng	# 1
69) Atrazine	10.980	200	5155	160.610	ng	# 1
70) Pentachlorophenol	11.092	266	7785	286.428	ng	# 1
71) Phenanthrene	11.298	178	16407	88.894	ng	# 1
72) Anthracene	11.333	178	42592	225.493	ng	# 1
73) Carbazole	11.527	167	5631	33.480	ng	# 1
74) Di-n-butylphthalate	11.851	149	22172	116.491	ng	# 25
75) Fluoranthene	12.539	202	56406	304.512	ng	# 59
78) Pyrene	12.763	202	55103	3.161	ng	# 61
81) Benzo(a)anthracene	13.933	228	79498	5.684	ng	# 85
83) Chrysene	13.968	228	87481	6.256	ng	# 84
84) Bis(2-ethylhexyl)phtha...	13.910	149	19015	2.454	ng	# 60
85) Di-n-octyl phthalate	14.562	149	39291	3.110	ng	# 72
87) Indeno(1,2,3-cd)pyrene	16.680	276	58427	3.366	ng	96
88) Benzo(b)fluoranthene	14.927	252	255806	13.178	ng	# 77
89) Benzo(k)fluoranthene	14.927	252	255806	13.294	ng	# 77
90) Benzo(a)pyrene	15.268	252	105413	5.966	ng	# 81
92) Benzo(g,h,i)perylene	17.092	276	52377	3.665	ng	94

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

Instrument :

BNA_F

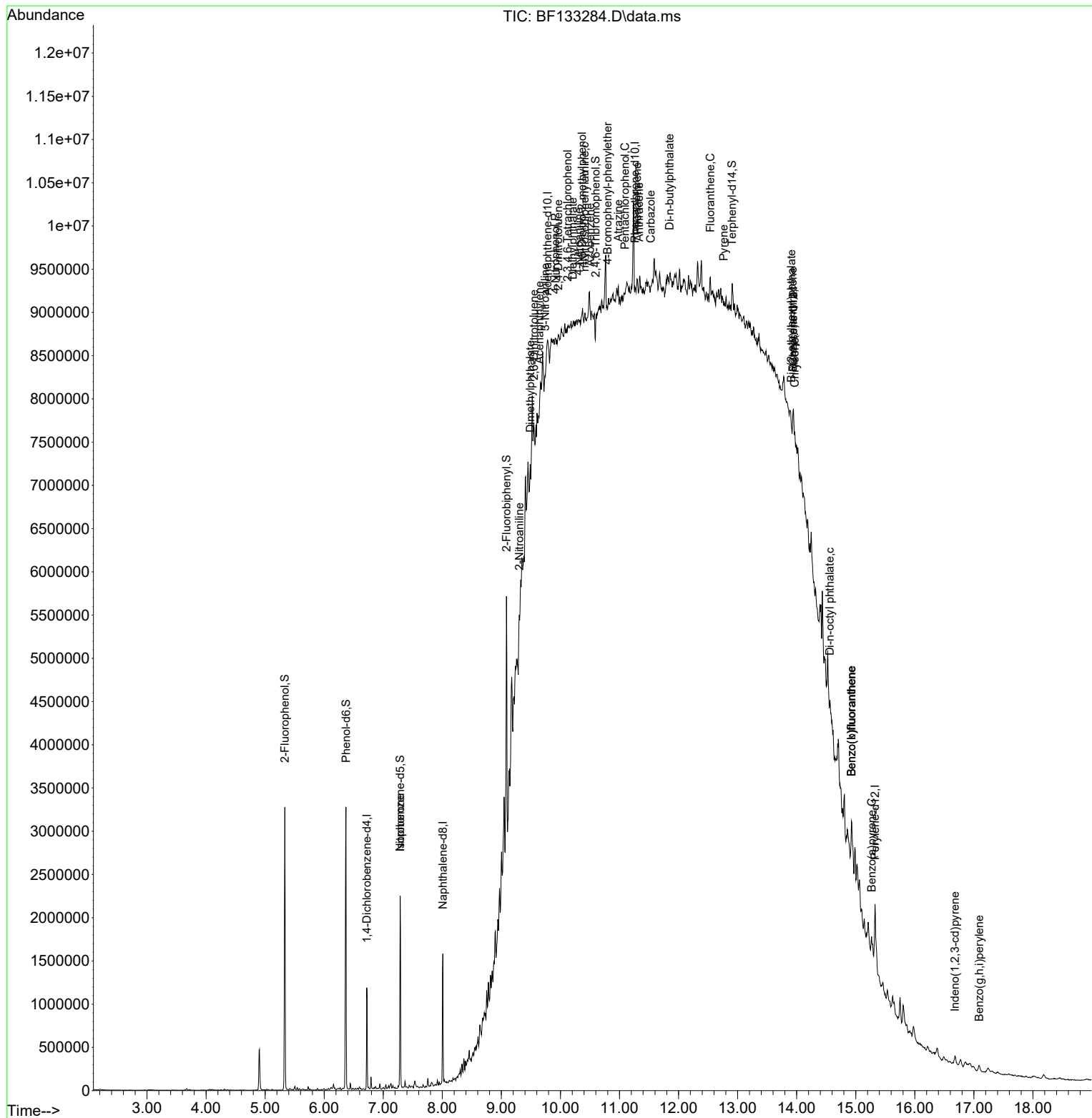
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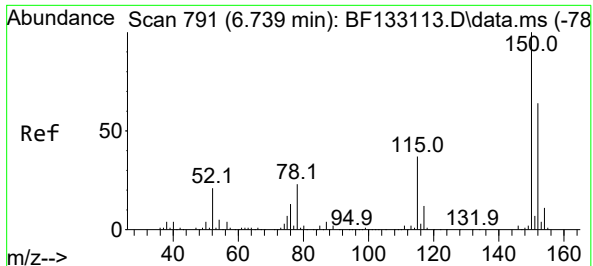
RBR-251675

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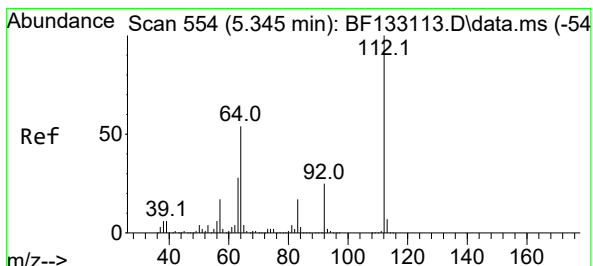
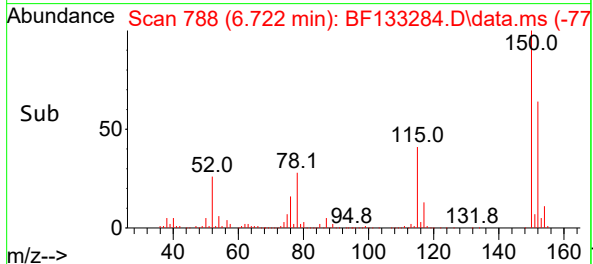
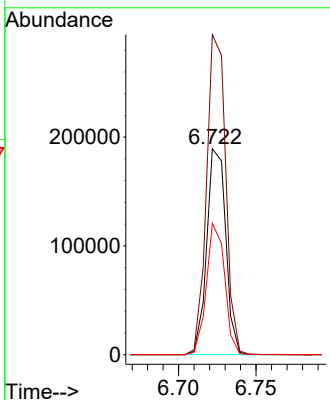
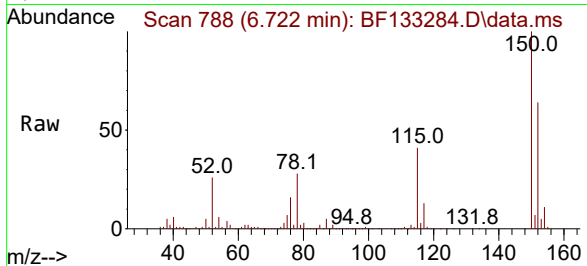




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.722 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: BF133284.D
 Acq: 06 May 2023 02:03

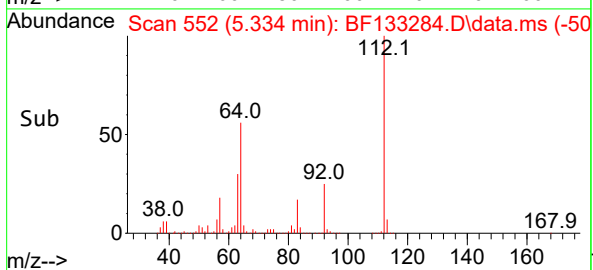
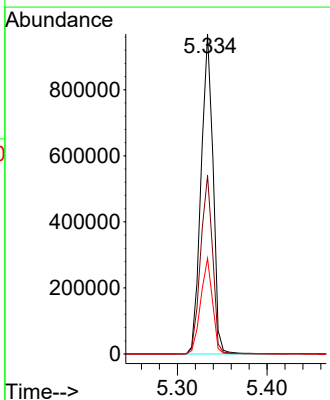
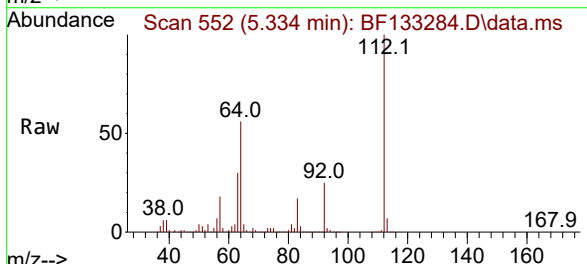
Instrument :
 BNA_F
 ClientSampleId :
 RBR-251675

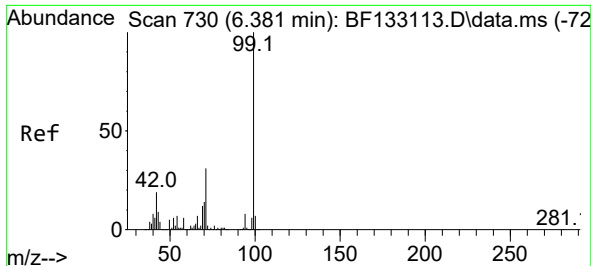
Tgt Ion:152 Resp: 161270
 Ion Ratio Lower Upper
 152 100
 150 155.4 124.8 187.2
 115 63.8 49.9 74.9



#5
 2-Fluorophenol
 Concen: 84.226 ng
 RT: 5.334 min Scan# 552
 Delta R.T. -0.000 min
 Lab File: BF133284.D
 Acq: 06 May 2023 02:03

Tgt Ion:112 Resp: 899185
 Ion Ratio Lower Upper
 112 100
 64 55.8 46.8 70.2
 63 29.9 23.8 35.8

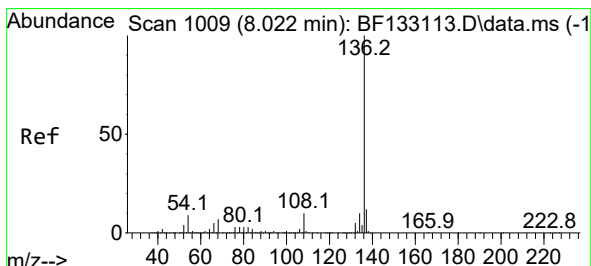
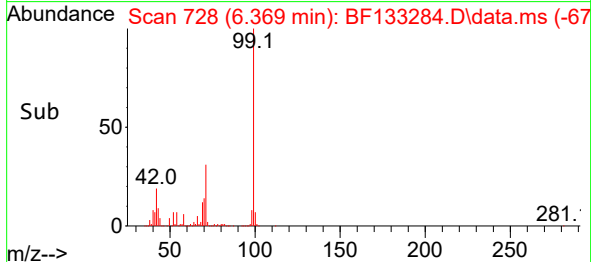
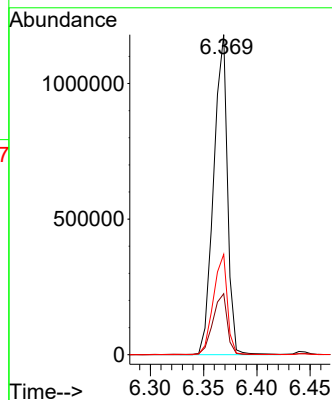
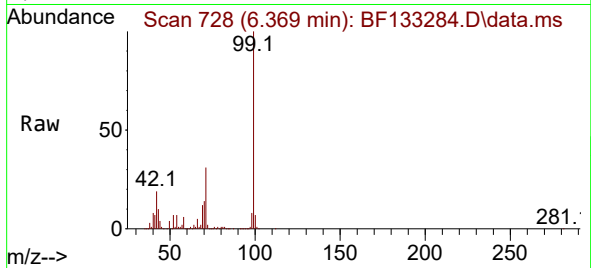




#7
Phenol-d6
Concen: 80.776 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133284.D
Acq: 06 May 2023 02:03

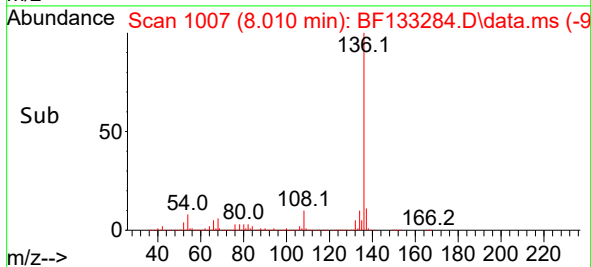
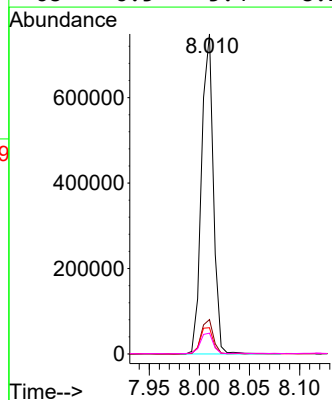
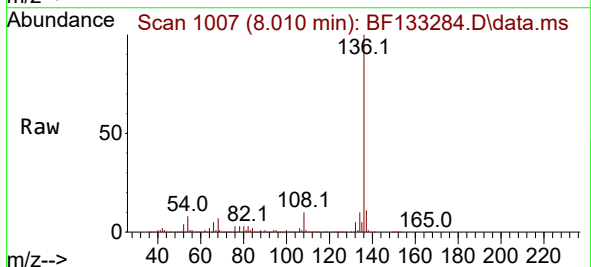
Instrument :
BNA_F
ClientSampleId :
RBR-251675

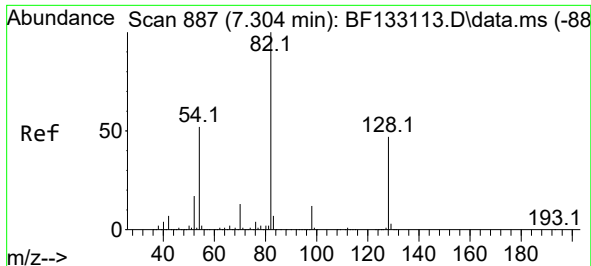
Tgt Ion: 99 Resp: 1070353
Ion Ratio Lower Upper
99 100
42 19.1 16.3 24.5
71 31.3 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF133284.D
Acq: 06 May 2023 02:03

Tgt Ion: 136 Resp: 618746
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.2 7.0 10.4
68 6.5 5.4 8.2





#23

Nitrobenzene-d5

Concen: 56.944 ng

RT: 7.286 min Scan# 884

Delta R.T. -0.012 min

Lab File: BF133284.D

Acq: 06 May 2023 02:03

Instrument :

BNA_F

ClientSampleId :

RBR-251675

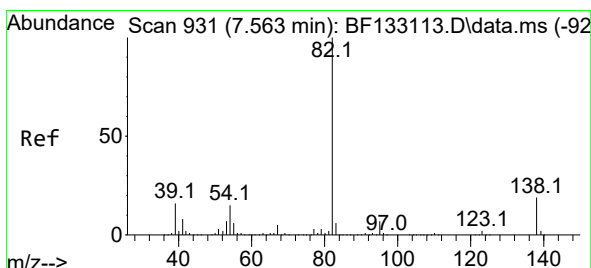
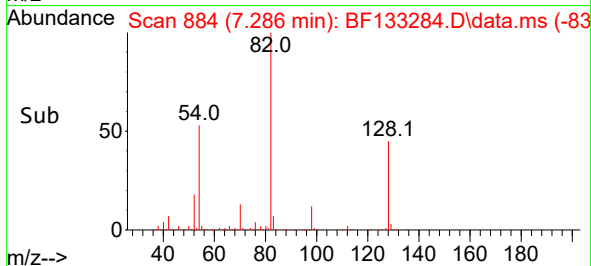
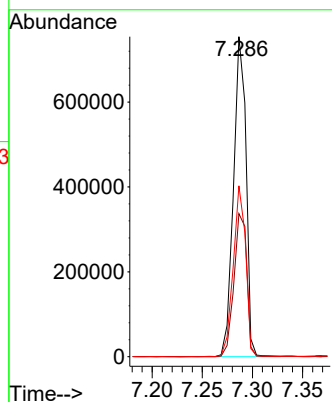
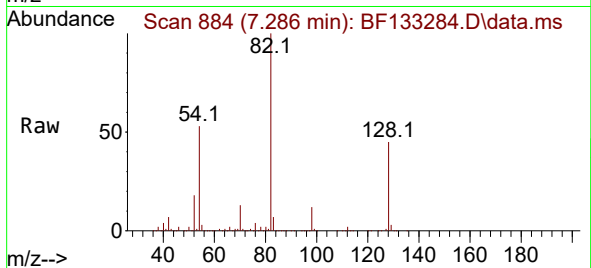
Tgt Ion: 82 Resp: 652754

Ion Ratio Lower Upper

82 100

128 44.7 37.7 56.5

54 53.4 43.0 64.4



#25

Isophorone

Concen: 29.902 ng

RT: 7.286 min Scan# 884

Delta R.T. -0.265 min

Lab File: BF133284.D

Acq: 06 May 2023 02:03

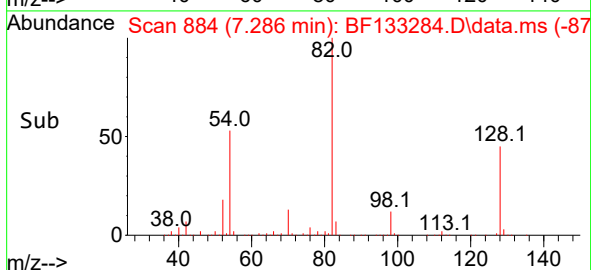
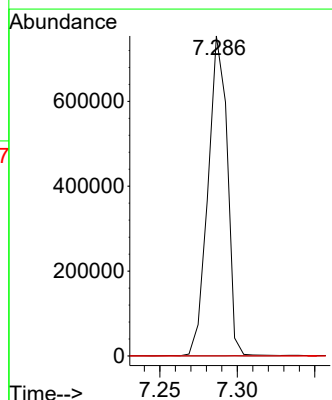
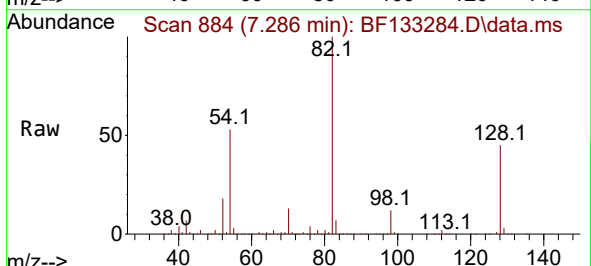
Tgt Ion: 82 Resp: 650814

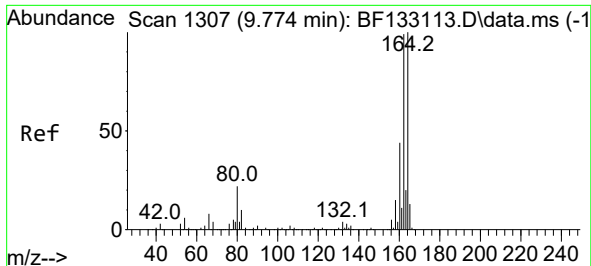
Ion Ratio Lower Upper

82 100

95 0.1 5.4 8.0#

138 0.0 16.0 24.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.780 min Scan# 1

Delta R.T. 0.018 min

Lab File: BF133284.D

Acq: 06 May 2023 02:03

Instrument :

BNA_F

ClientSampleId :

RBR-251675

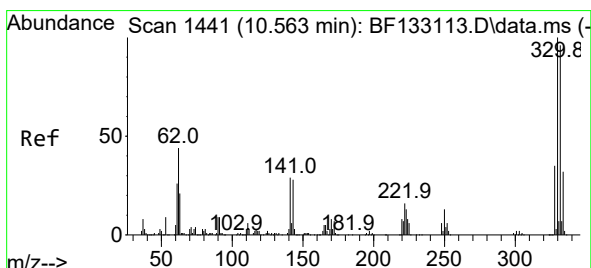
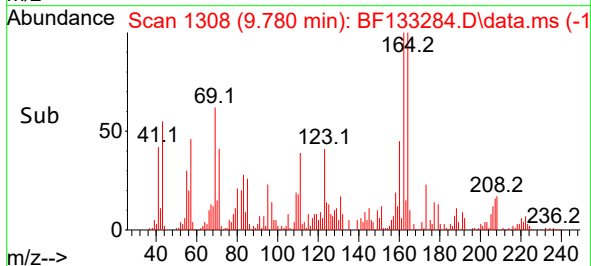
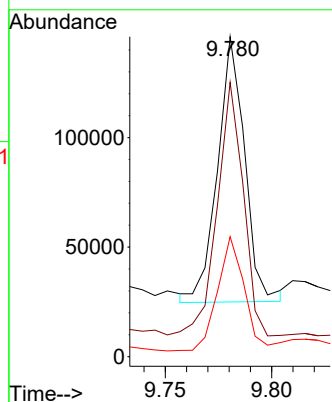
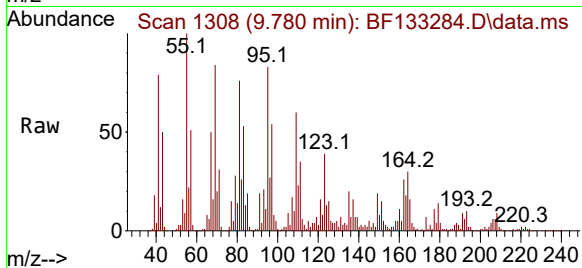
Tgt Ion:164 Resp: 107387

Ion Ratio Lower Upper

164 100

162 85.8 78.7 118.1

160 37.5 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 72.183 ng

RT: 10.598 min Scan# 1447

Delta R.T. 0.041 min

Lab File: BF133284.D

Acq: 06 May 2023 02:03

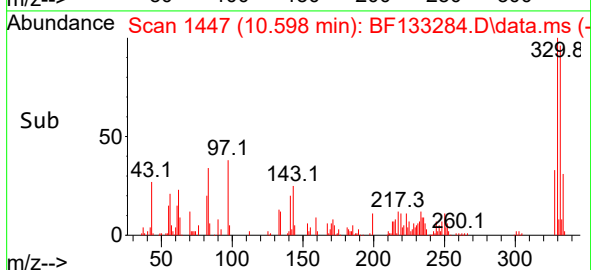
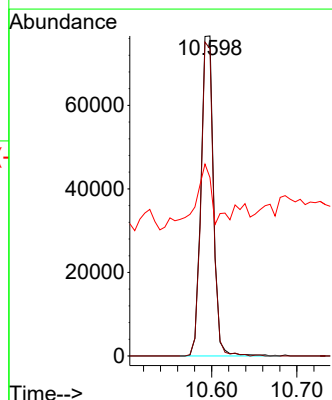
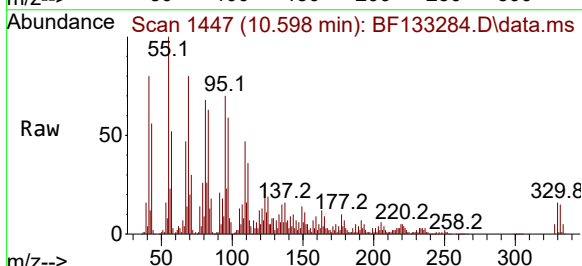
Tgt Ion:330 Resp: 77956

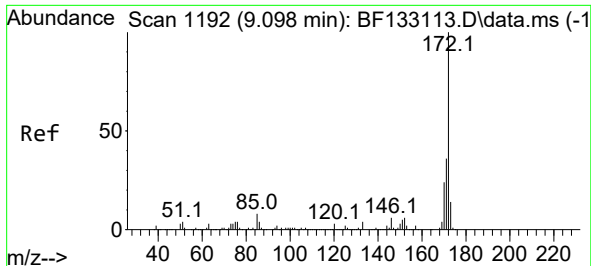
Ion Ratio Lower Upper

330 100

332 96.5 77.1 115.7

141 29.2 25.8 38.8

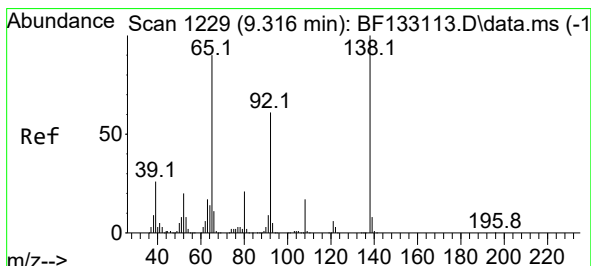
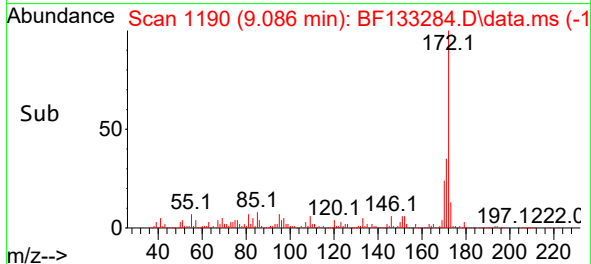
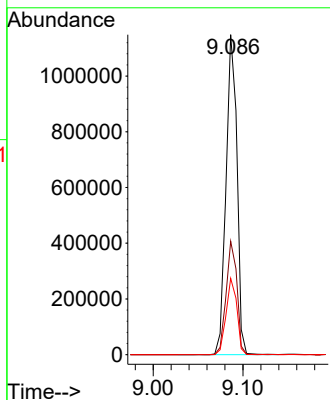
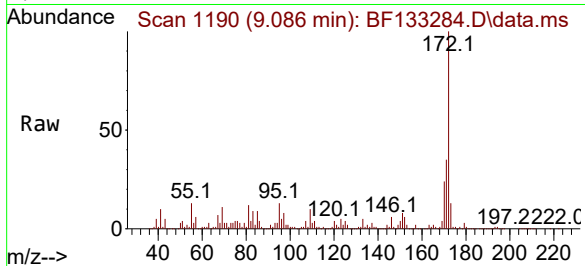




#45
2-Fluorobiphenyl
Concen: 151.330 ng
RT: 9.086 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF133284.D
Acq: 06 May 2023 02:03

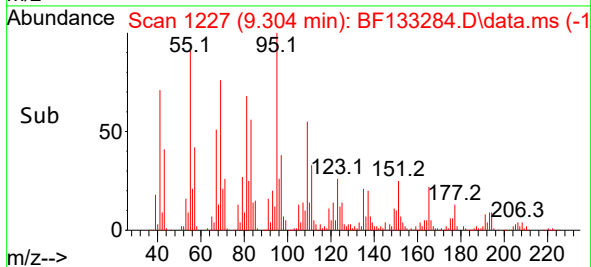
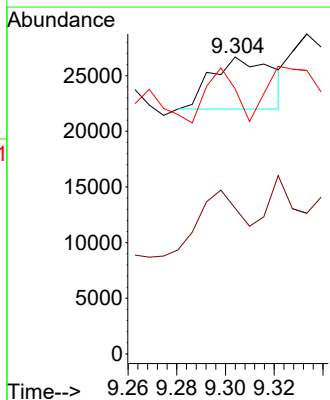
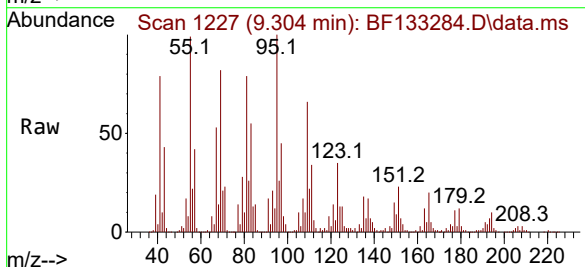
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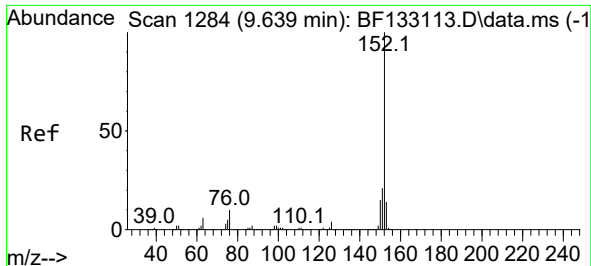
Tgt Ion:172 Resp: 971361
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.9 19.4 29.2



#48
2-Nitroaniline
Concen: 3.910 ng
RT: 9.304 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF133284.D
Acq: 06 May 2023 02:03

Tgt Ion: 65 Resp: 8054
Ion Ratio Lower Upper
65 100
92 49.1 55.4 83.0#
138 89.3 98.2 147.2#





#49

Acenaphthylene

Concen: 2.974 ng

RT: 9.645 min Scan# 1285

Delta R.T. 0.018 min

Lab File: BF133284.D

Acq: 06 May 2023 02:03

Instrument :

BNA_F

ClientSampleId :

RBR-251675

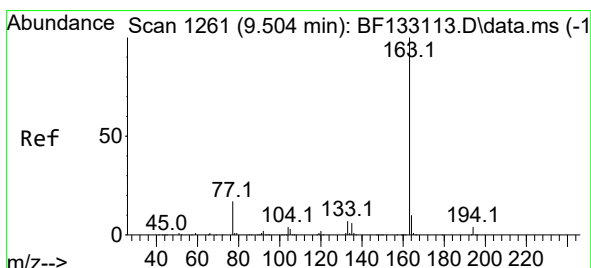
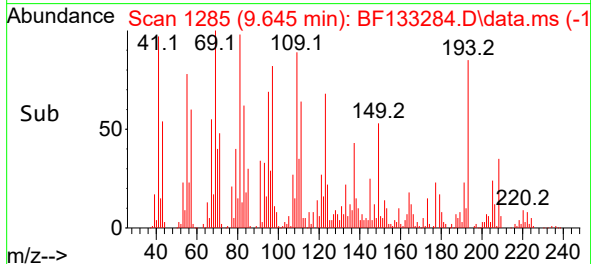
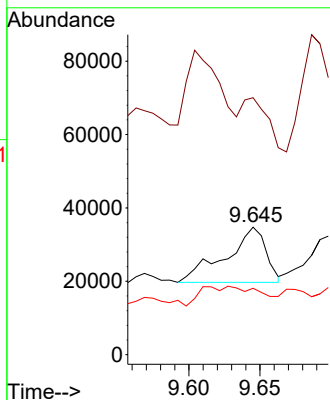
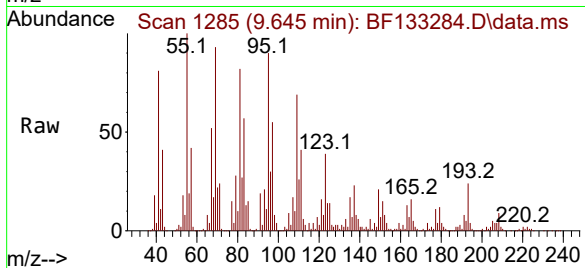
Tgt Ion:152 Resp: 29614

Ion Ratio Lower Upper

152 100

151 201.7 16.6 24.8#

153 52.1 11.5 17.3#



#50

Dimethylphthalate

Concen: 5.321 ng

RT: 9.492 min Scan# 1259

Delta R.T. -0.000 min

Lab File: BF133284.D

Acq: 06 May 2023 02:03

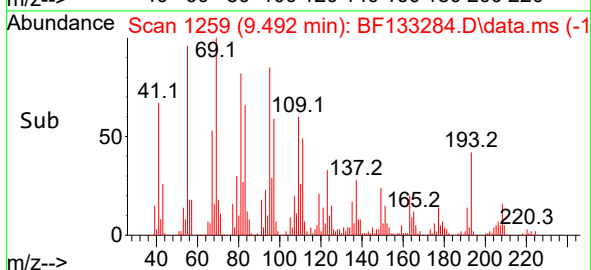
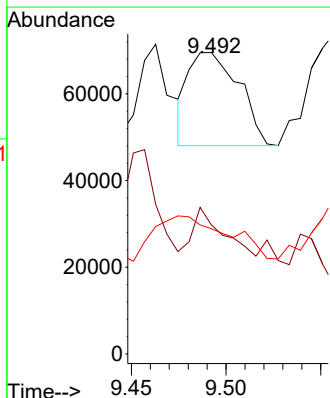
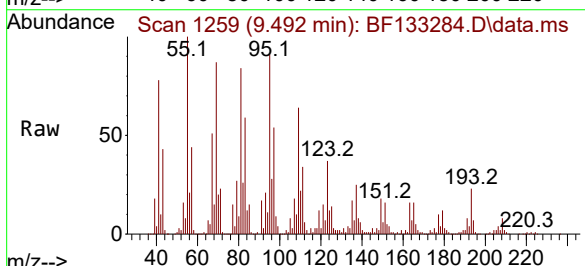
Tgt Ion:163 Resp: 39841

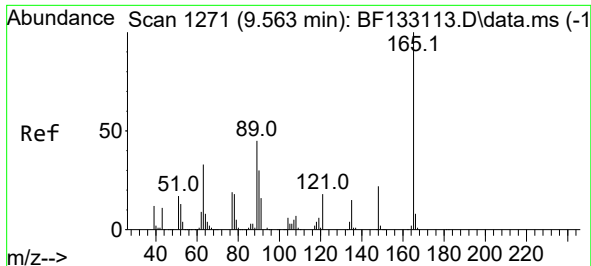
Ion Ratio Lower Upper

163 100

194 42.8 3.1 4.7#

164 41.6 8.5 12.7#

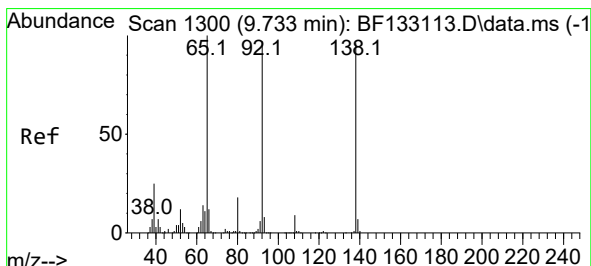
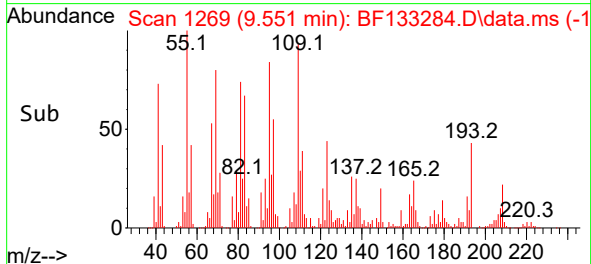
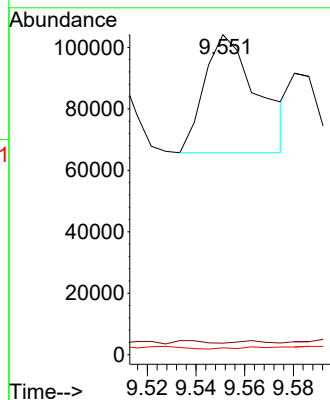
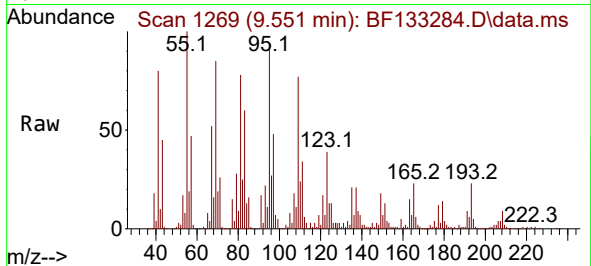




#51
2,6-Dinitrotoluene
Concen: 34.373 ng
RT: 9.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133284.D
Acq: 06 May 2023 02:03

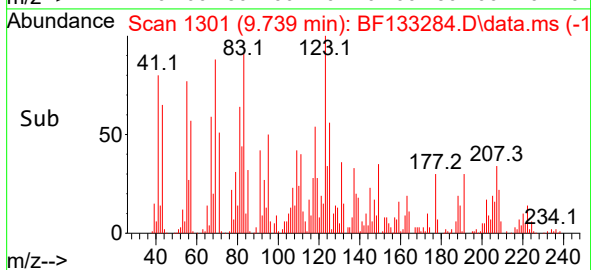
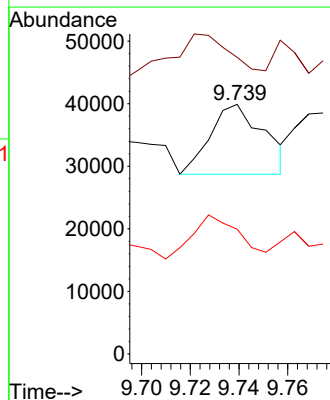
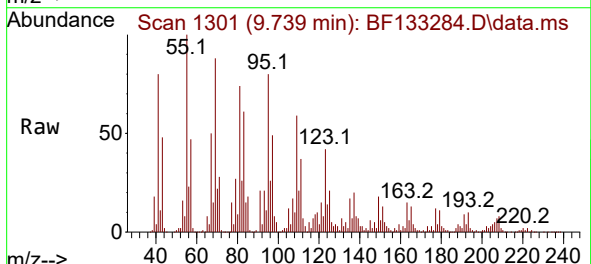
Instrument :
BNA_F
ClientSampleId :
RBR-251675

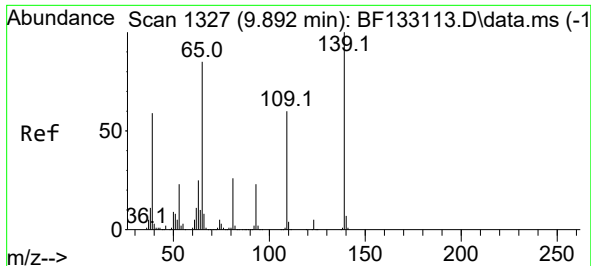
Tgt Ion:165 Resp: 57929
Ion Ratio Lower Upper
165 100
63 3.6 45.9 68.9#
89 2.1 44.0 66.0#



#53
3-Nitroaniline
Concen: 8.563 ng
RT: 9.739 min Scan# 1301
Delta R.T. 0.018 min
Lab File: BF133284.D
Acq: 06 May 2023 02:03

Tgt Ion:138 Resp: 17160
Ion Ratio Lower Upper
138 100
108 118.8 8.0 12.0#
92 50.0 83.6 125.4#

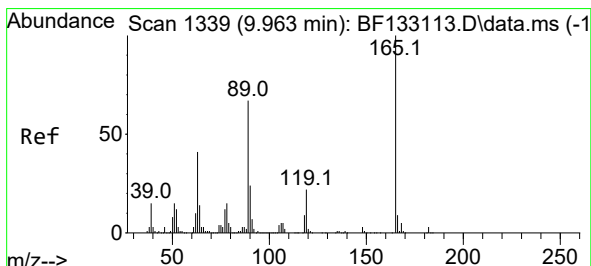
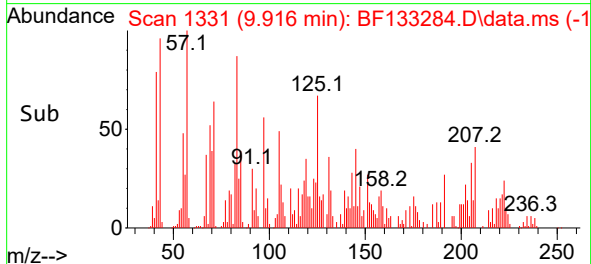
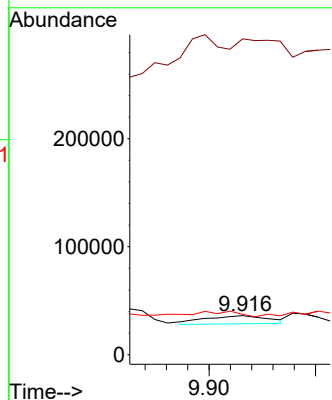
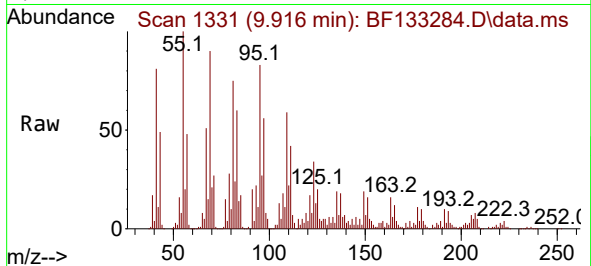




#56
4-Nitrophenol
Concen: 9.897 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.029 min
Lab File: BF133284.D
Acq: 06 May 2023 02:03

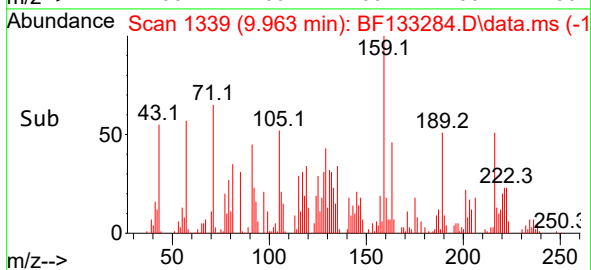
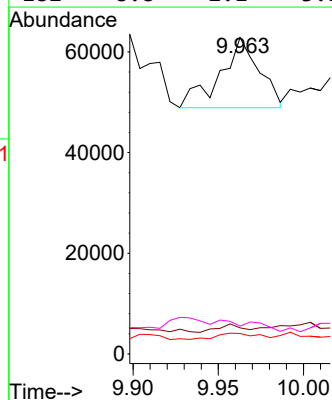
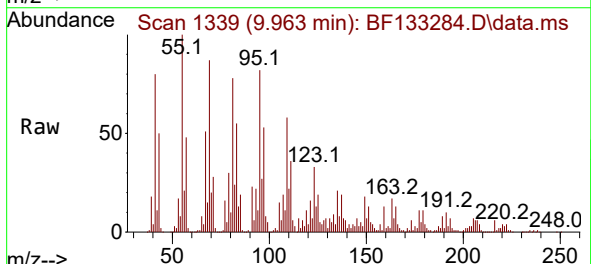
Instrument :
BNA_F
ClientSampleId :
RBR-251675

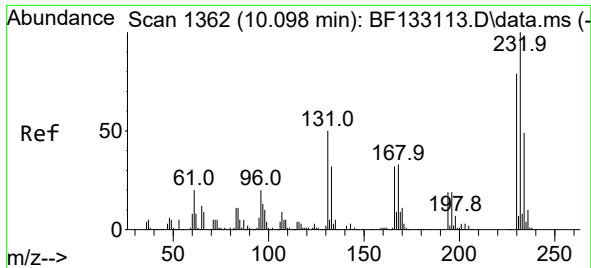
Tgt Ion:139 Resp: 15360
Ion Ratio Lower Upper
139 100
109 808.1 39.4 79.4#
65 103.2 57.5 97.5#



#57
2,4-Dinitrotoluene
Concen: 10.369 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF133284.D
Acq: 06 May 2023 02:03

Tgt Ion:165 Resp: 22286
Ion Ratio Lower Upper
165 100
63 8.2 37.7 56.5#
89 6.5 57.0 85.4#
182 8.8 2.1 3.1#

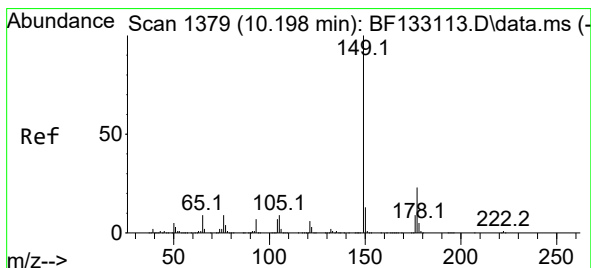
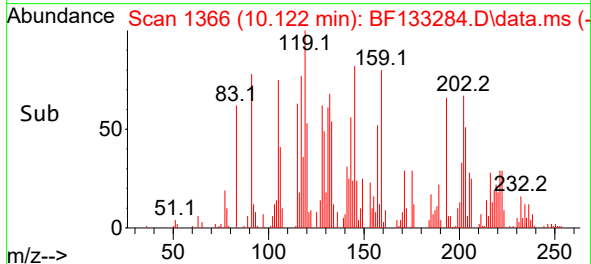
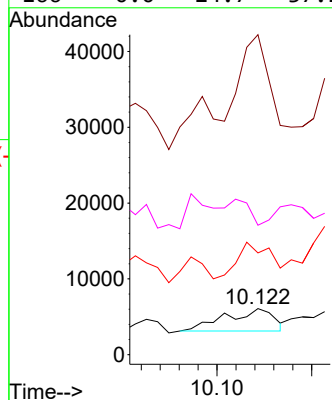
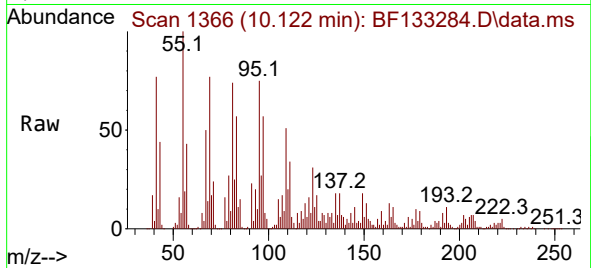




#59
2,3,4,6-Tetrachlorophenol
Concen: 2.930 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.029 min
Lab File: BF133284.D
Acq: 06 May 2023 02:03

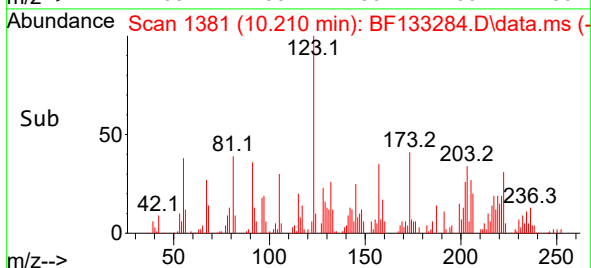
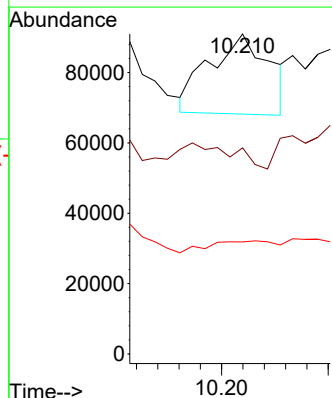
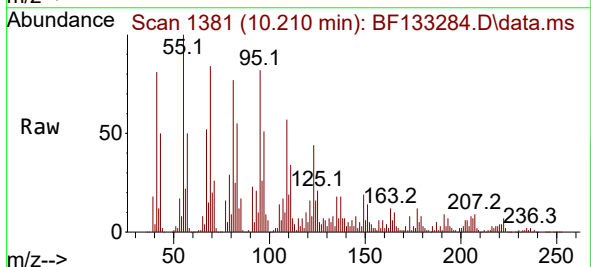
Instrument :
BNA_F
ClientSampleId :
RBR-251675

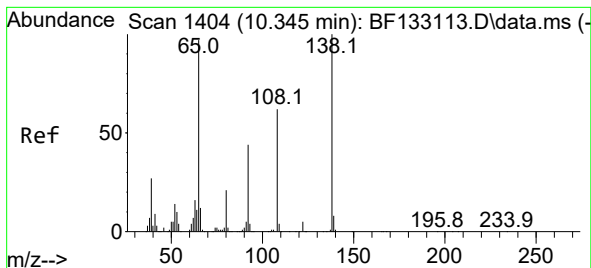
Tgt Ion:232 Resp: 5245
Ion Ratio Lower Upper
232 100
131 226.2 38.0 57.0#
130 109.1 1.8 2.8#
166 0.0 24.7 37.1#



#60
Diethylphthalate
Concen: 6.254 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.018 min
Lab File: BF133284.D
Acq: 06 May 2023 02:03

Tgt Ion:149 Resp: 44236
Ion Ratio Lower Upper
149 100
177 64.4 18.2 27.4#
150 35.0 10.2 15.4#

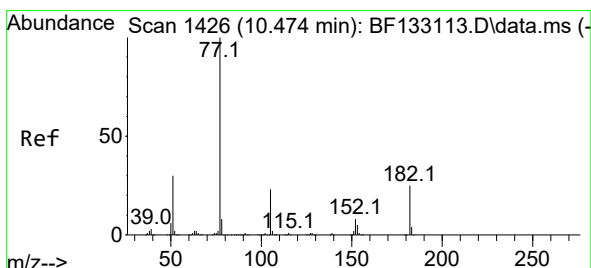
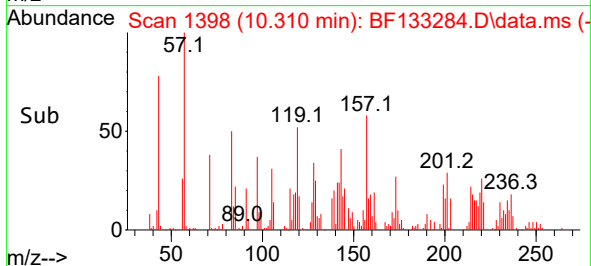
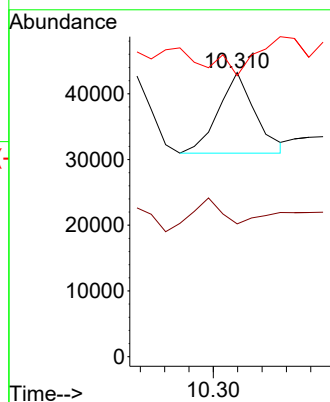
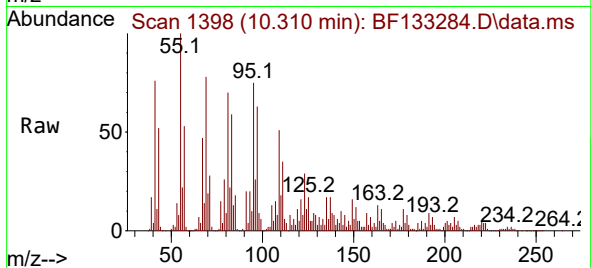




#62
4-Nitroaniline
Concen: 6.969 ng
RT: 10.310 min Scan# 11
Delta R.T. -0.024 min
Lab File: BF133284.D
Acq: 06 May 2023 02:03

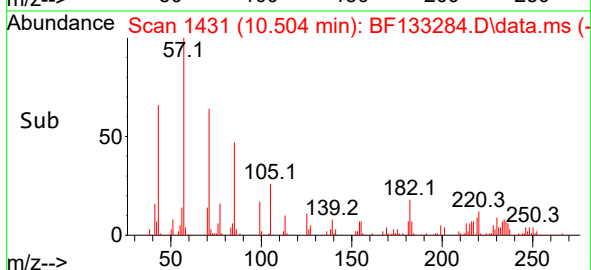
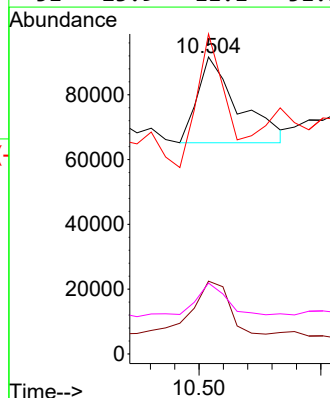
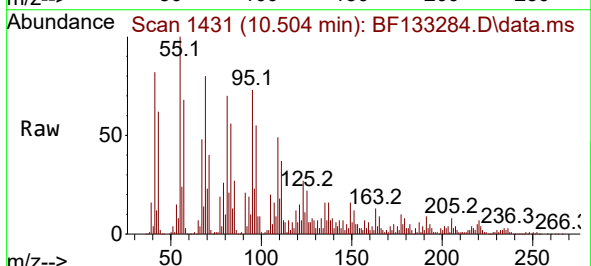
Instrument :
BNA_F
ClientSampleId :
RBR-251675

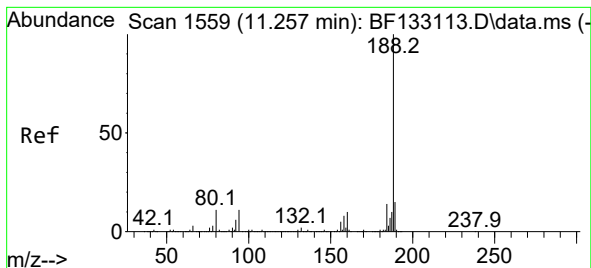
Tgt Ion:138 Resp: 12836
Ion Ratio Lower Upper
138 100
92 46.7 27.7 67.7
108 98.9 45.2 85.2#



#63
Azobenzene
Concen: 4.142 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.035 min
Lab File: BF133284.D
Acq: 06 May 2023 02:03

Tgt Ion: 77 Resp: 31036
Ion Ratio Lower Upper
77 100
182 24.5 5.9 45.9
105 107.8 2.3 42.3#
51 23.9 11.1 51.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.263 min Scan# 1

Delta R.T. 0.018 min

Lab File: BF133284.D

Acq: 06 May 2023 02:03

Instrument :

BNA_F

ClientSampleId :

RBR-251675

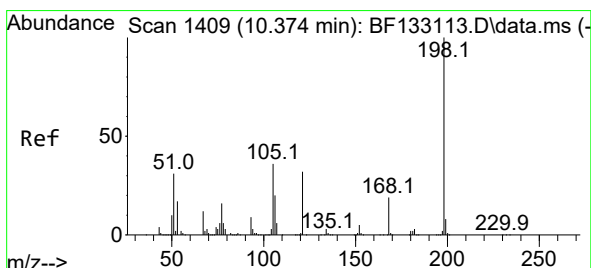
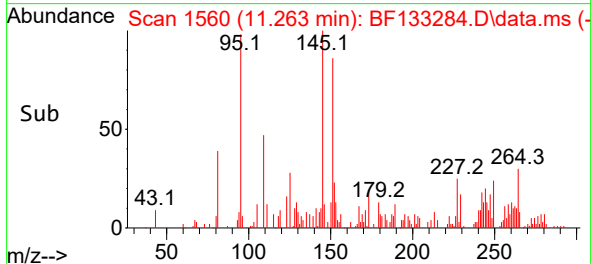
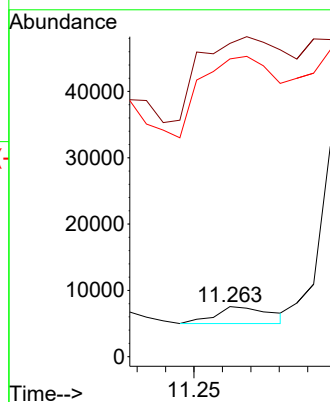
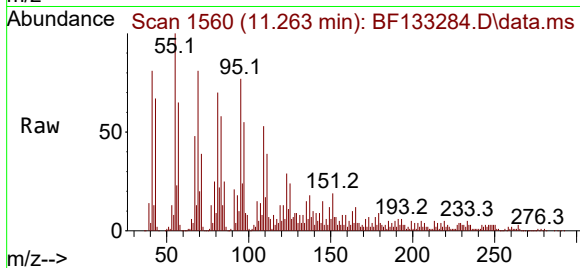
Tgt Ion:188 Resp: 3434

Ion Ratio Lower Upper

188 100

94 625.5 9.7 14.5#

80 594.4 10.4 15.6#



#65

4,6-Dinitro-2-methylphenol

Concen: 67.069 ng

RT: 10.369 min Scan# 1408

Delta R.T. 0.006 min

Lab File: BF133284.D

Acq: 06 May 2023 02:03

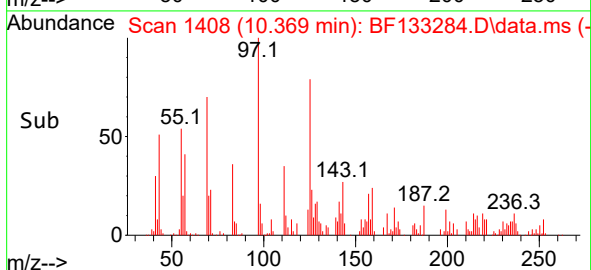
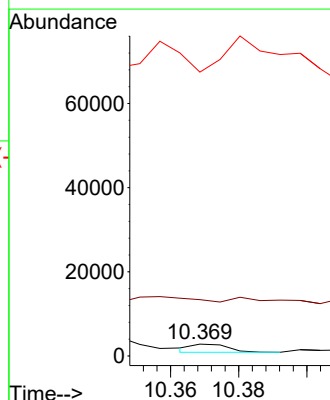
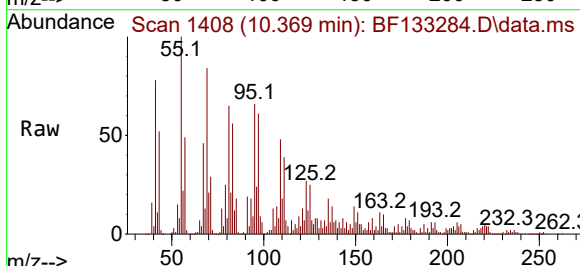
Tgt Ion:198 Resp: 1396

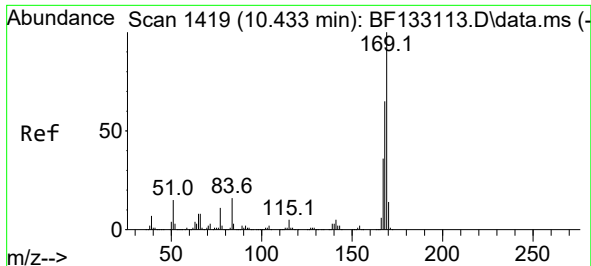
Ion Ratio Lower Upper

198 100

51 473.2 15.5 55.5#

105 2383.6 16.7 56.7#

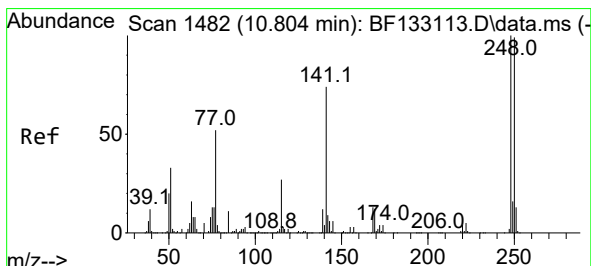
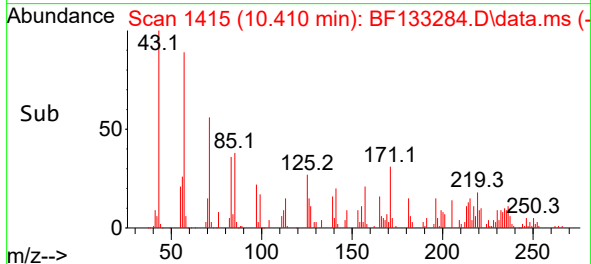
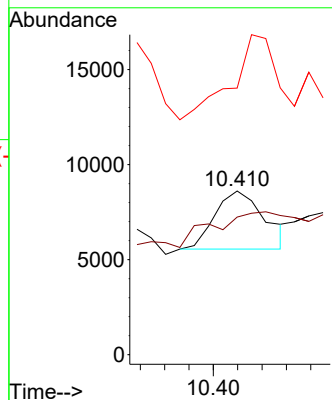
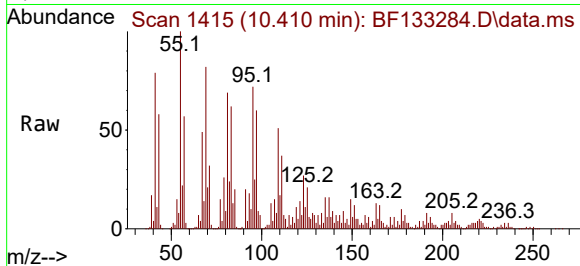




#66
n-Nitrosodiphenylamine
Concen: 38.648 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.018 min
Lab File: BF133284.D
Acq: 06 May 2023 02:03

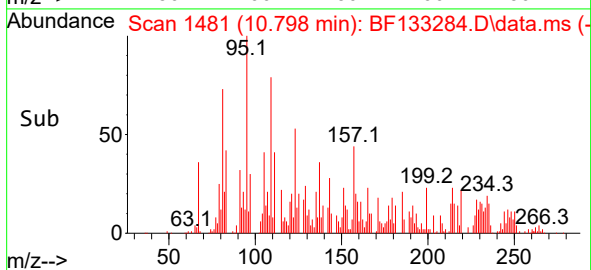
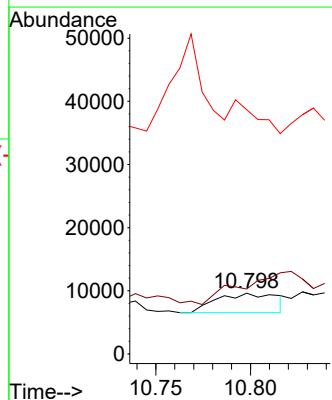
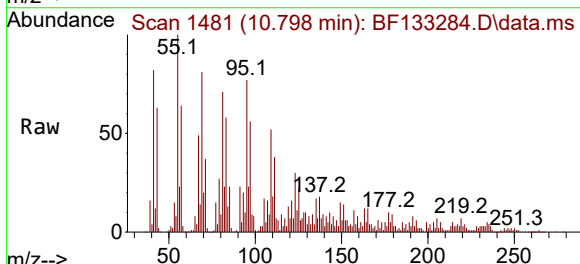
Instrument :
BNA_F
ClientSampleId :
RBR-251675

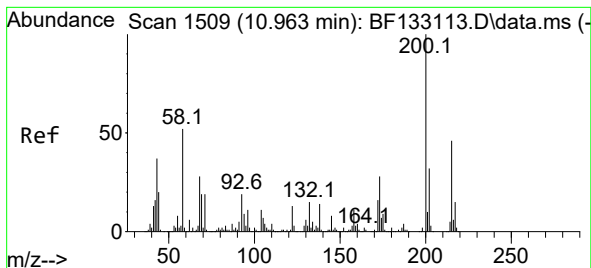
Tgt Ion:169 Resp: 4305
Ion Ratio Lower Upper
169 100
168 84.0 53.8 80.8#
167 162.8 29.7 44.5#



#67
4-Bromophenyl-phenylether
Concen: 182.635 ng
RT: 10.798 min Scan# 1481
Delta R.T. 0.006 min
Lab File: BF133284.D
Acq: 06 May 2023 02:03

Tgt Ion:248 Resp: 6802
Ion Ratio Lower Upper
248 100
250 106.7 78.7 118.1
141 401.2 56.3 84.5#





#69

Atrazine

Concen: 160.610 ng

RT: 10.980 min Scan# 11

Delta R.T. 0.023 min

Lab File: BF133284.D

Acq: 06 May 2023 02:03

Instrument :

BNA_F

ClientSampleId :

RBR-251675

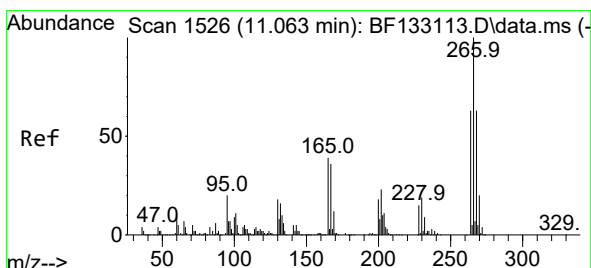
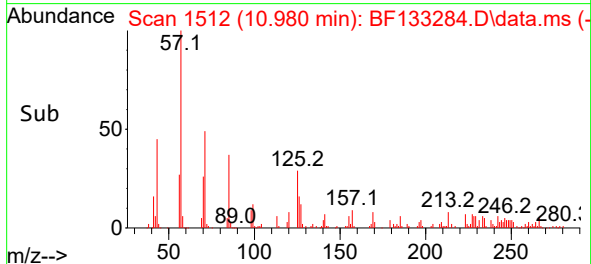
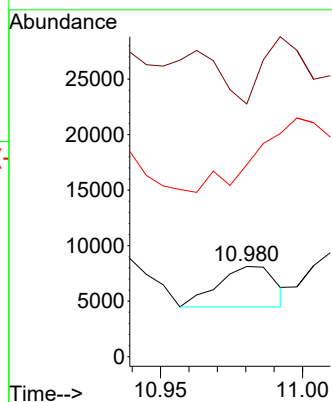
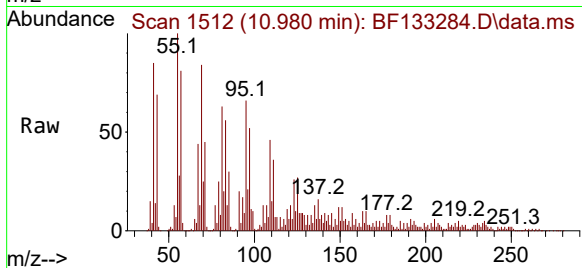
Tgt Ion:200 Resp: 5155

Ion Ratio Lower Upper

200 100

173 279.9 6.2 46.2#

215 212.6 26.3 66.3#



#70

Pentachlorophenol

Concen: 286.428 ng

RT: 11.092 min Scan# 1531

Delta R.T. 0.035 min

Lab File: BF133284.D

Acq: 06 May 2023 02:03

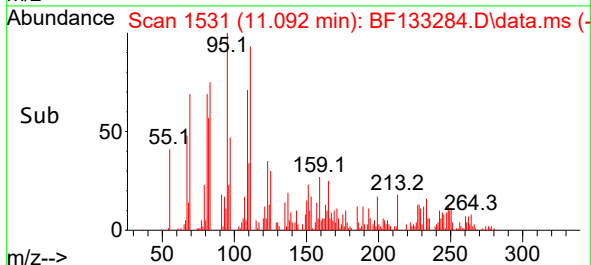
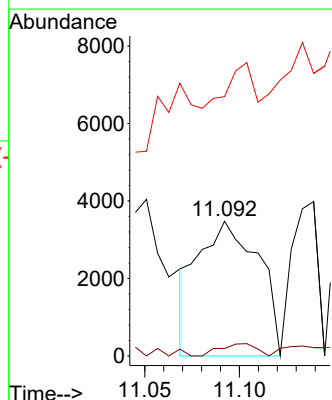
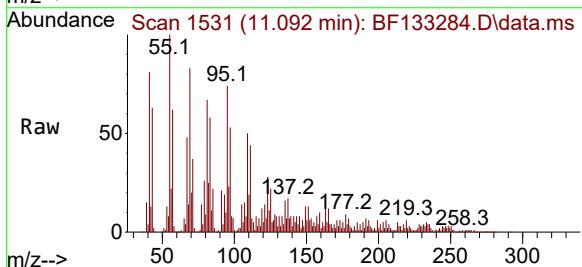
Tgt Ion:266 Resp: 7785

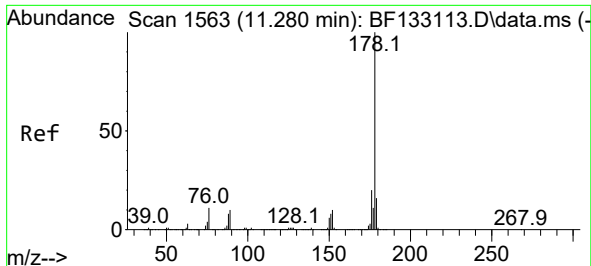
Ion Ratio Lower Upper

266 100

268 5.4 48.8 73.2#

264 192.4 50.6 76.0#

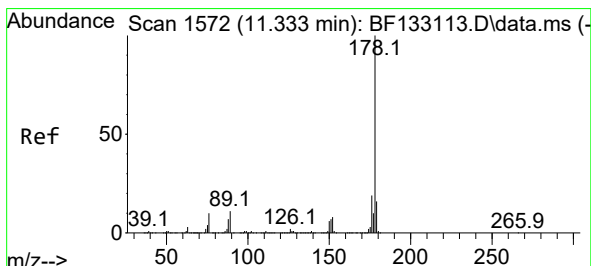
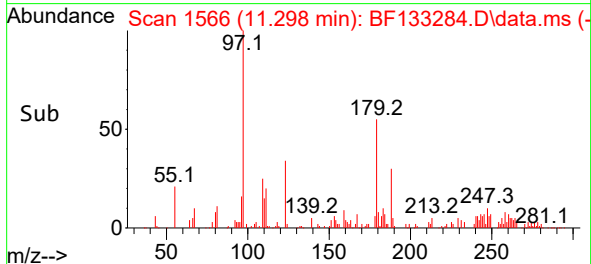
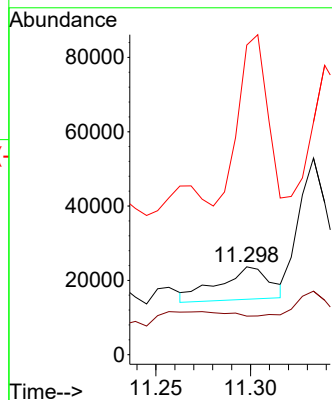
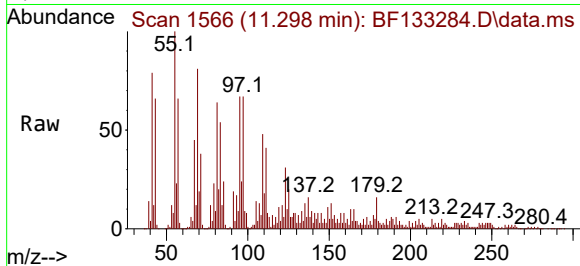




#71
Phenanthrene
Concen: 88.894 ng
RT: 11.298 min Scan# 1566
Delta R.T. 0.029 min
Lab File: BF133284.D
Acq: 06 May 2023 02:03

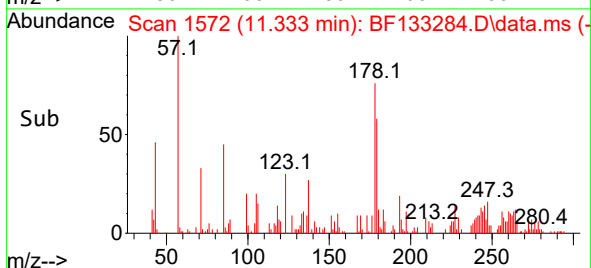
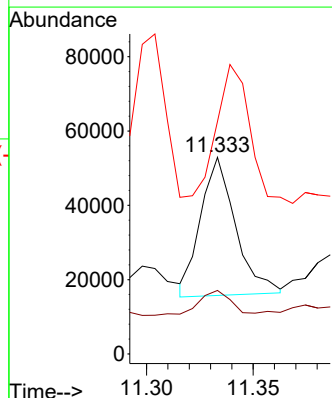
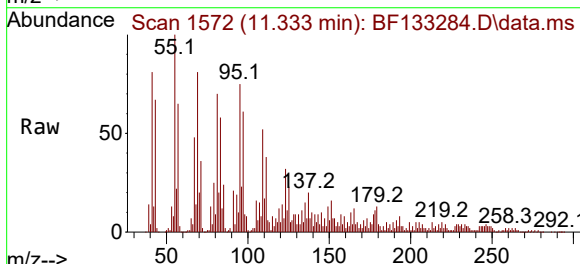
Instrument :
BNA_F
ClientSampleId :
RBR-251675

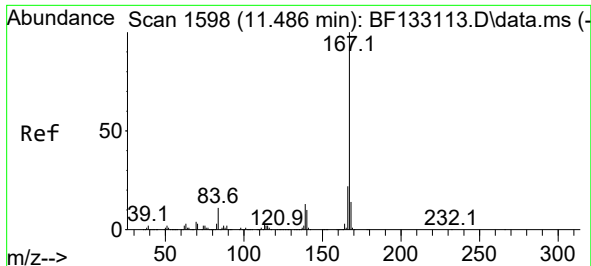
Tgt Ion:178 Resp: 16407
Ion Ratio Lower Upper
178 100
176 43.9 15.9 23.9#
179 352.6 12.5 18.7#



#72
Anthracene
Concen: 225.493 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.012 min
Lab File: BF133284.D
Acq: 06 May 2023 02:03

Tgt Ion:178 Resp: 42592
Ion Ratio Lower Upper
178 100
176 32.3 15.4 23.0#
179 118.2 12.4 18.6#

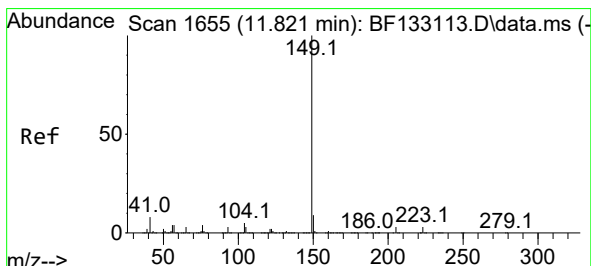
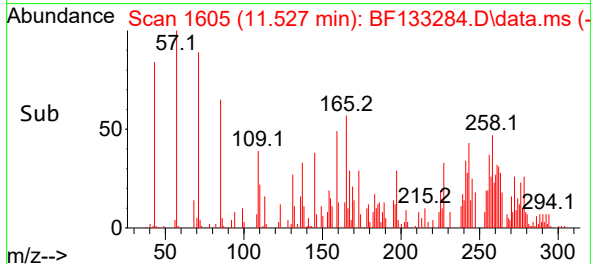
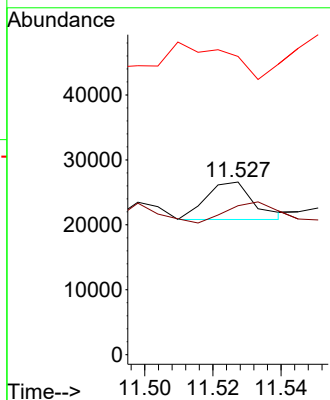
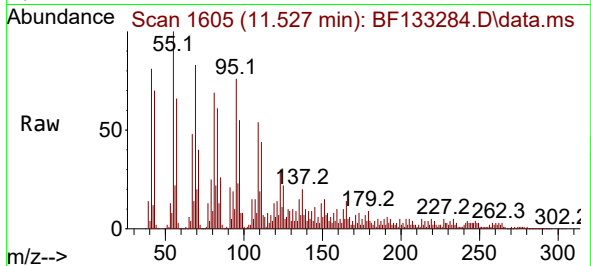




#73
 Carbazole
 Concen: 33.480 ng
 RT: 11.527 min Scan# 1605
 Delta R.T. 0.047 min
 Lab File: BF133284.D
 Acq: 06 May 2023 02:03

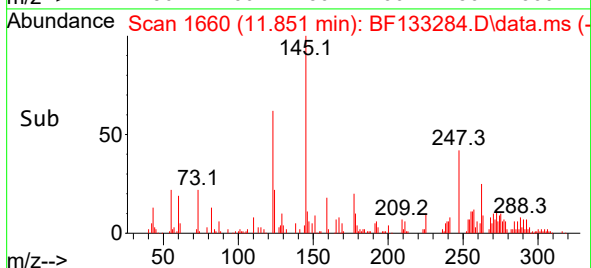
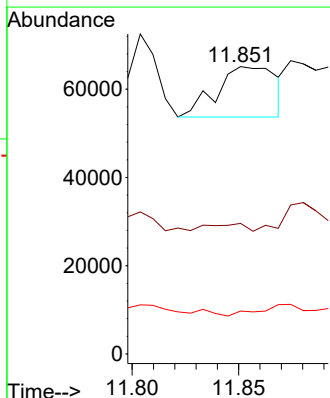
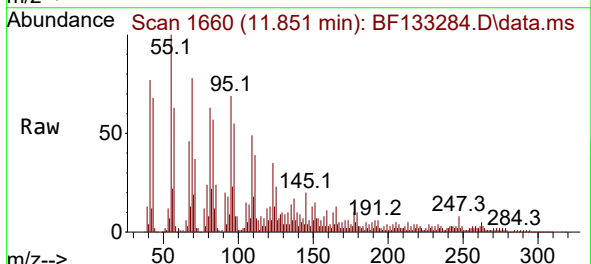
Instrument :
 BNA_F
 ClientSampleId :
 RBR-251675

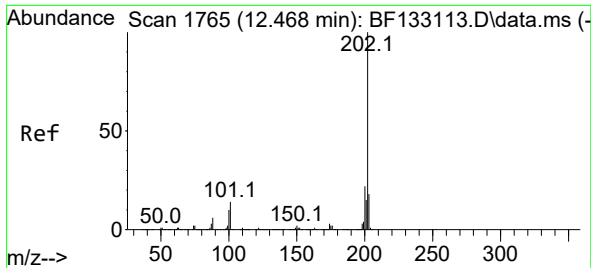
Tgt Ion:167 Resp: 5631
 Ion Ratio Lower Upper
 167 100
 166 86.3 17.4 26.0#
 139 172.7 10.6 16.0#



#74
 Di-n-butylphthalate
 Concen: 116.491 ng
 RT: 11.851 min Scan# 1660
 Delta R.T. 0.041 min
 Lab File: BF133284.D
 Acq: 06 May 2023 02:03

Tgt Ion:149 Resp: 22172
 Ion Ratio Lower Upper
 149 100
 150 45.4 7.6 11.4#
 104 14.9 4.0 6.0#

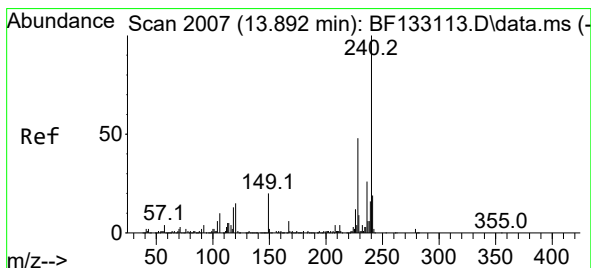
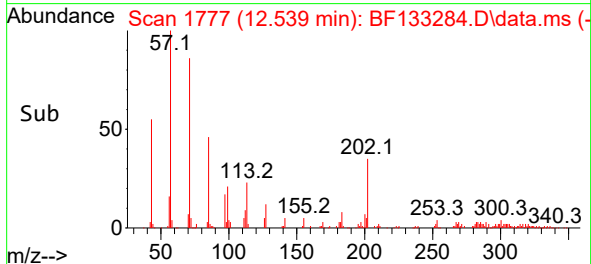
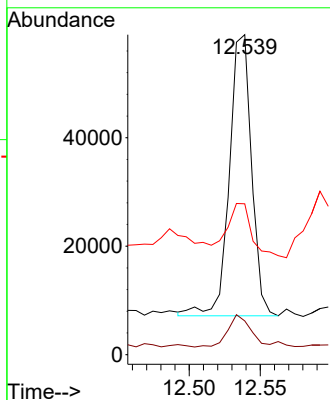
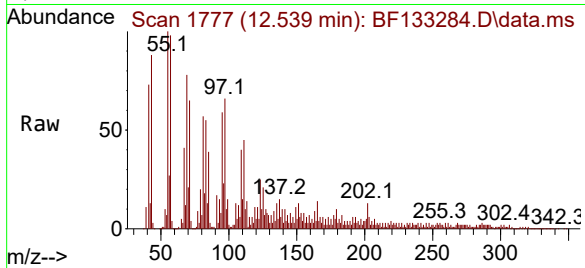




#75
Fluoranthene
Concen: 304.512 ng
RT: 12.539 min Scan# 1
Delta R.T. 0.082 min
Lab File: BF133284.D
Acq: 06 May 2023 02:03

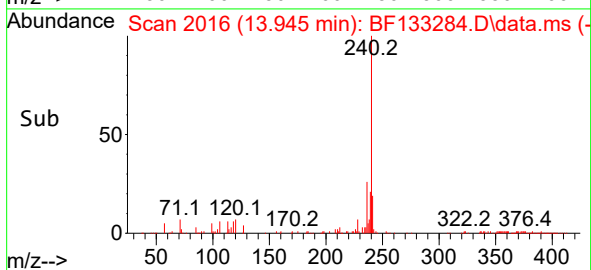
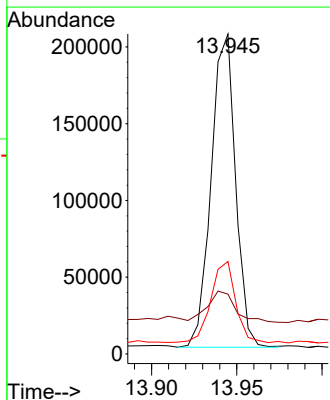
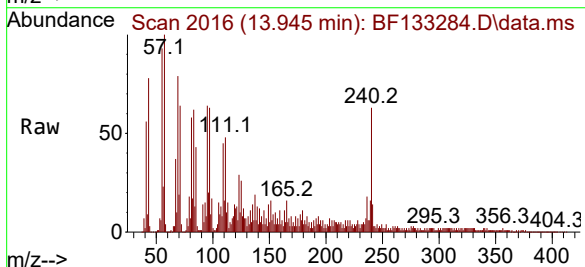
Instrument :
BNA_F
ClientSampleId :
RBR-251675

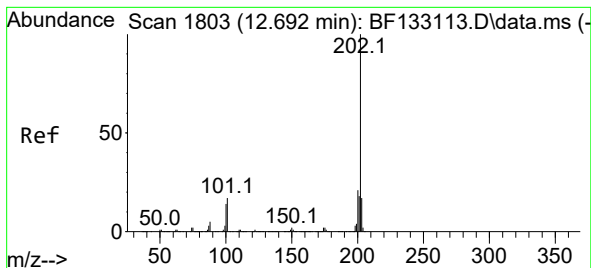
Tgt Ion:202 Resp: 56406
Ion Ratio Lower Upper
202 100
101 10.5 0.0 35.3
203 47.2 0.0 38.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.065 min
Lab File: BF133284.D
Acq: 06 May 2023 02:03

Tgt Ion:240 Resp: 203382
Ion Ratio Lower Upper
240 100
120 18.7 10.5 15.7#
236 28.9 21.5 32.3





#78

Pyrene

Concen: 3.161 ng

RT: 12.763 min Scan# 1815

Delta R.T. 0.076 min

Lab File: BF133284.D

Acq: 06 May 2023 02:03

Instrument :

BNA_F

ClientSampleId :

RBR-251675

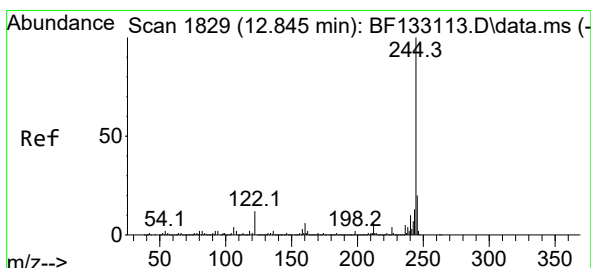
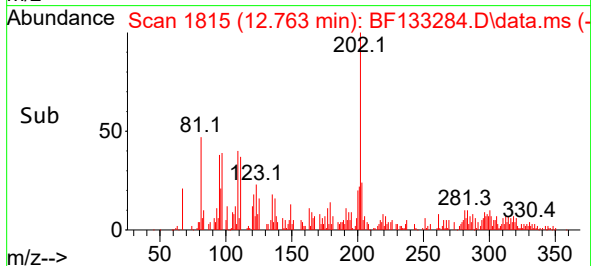
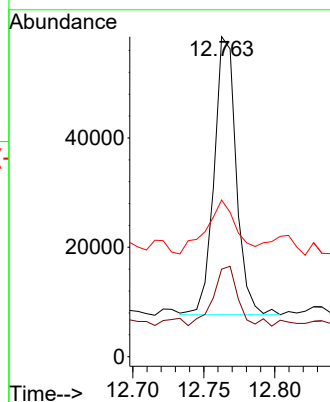
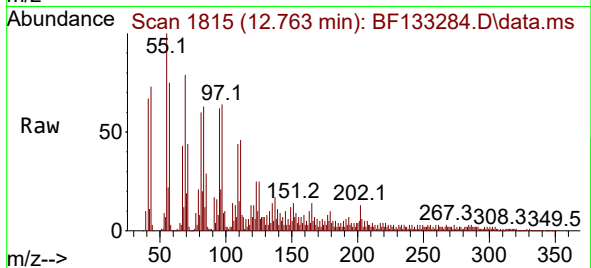
Tgt Ion:202 Resp: 55103

Ion Ratio Lower Upper

202 100

200 27.3 17.1 25.7#

203 49.0 14.1 21.1#



#79

Terphenyl-d14

Concen: 23.664 ng

RT: 12.904 min Scan# 1839

Delta R.T. 0.071 min

Lab File: BF133284.D

Acq: 06 May 2023 02:03

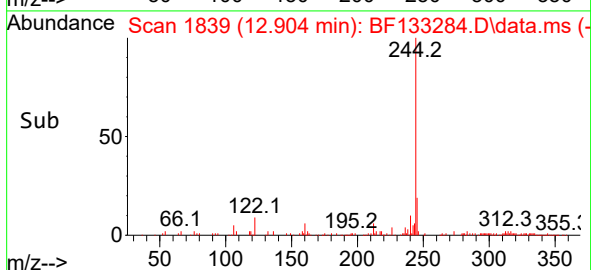
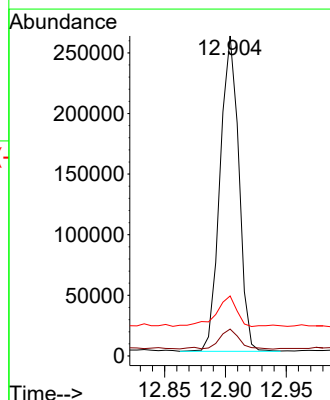
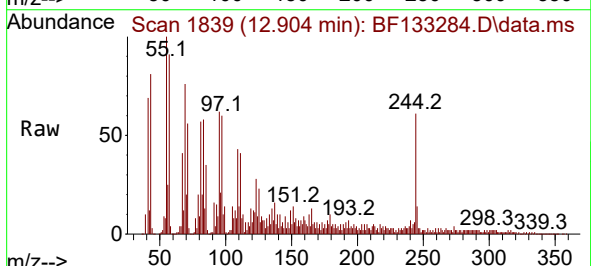
Tgt Ion:244 Resp: 279059

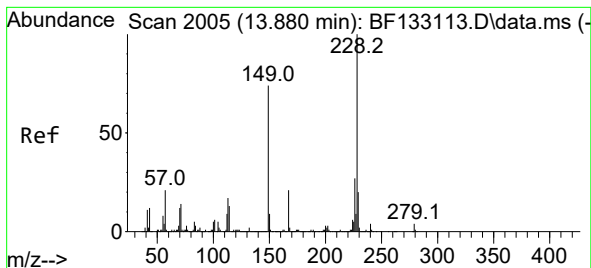
Ion Ratio Lower Upper

244 100

212 8.4 5.1 7.7#

122 18.7 8.6 13.0#





#81

Benzo(a)anthracene

Concen: 5.684 ng

RT: 13.933 min Scan# 20

Delta R.T. 0.065 min

Lab File: BF133284.D

Acq: 06 May 2023 02:03

Instrument :

BNA_F

ClientSampleId :

RBR-251675

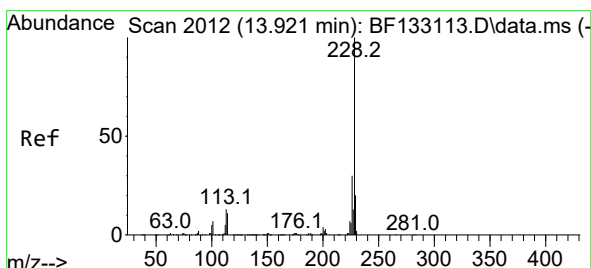
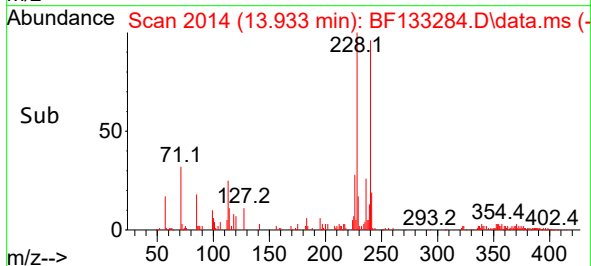
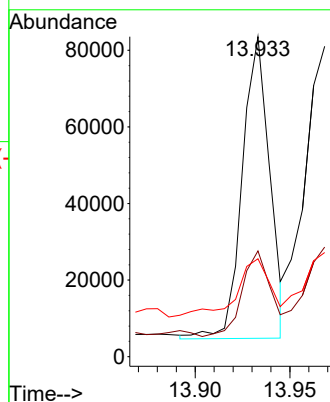
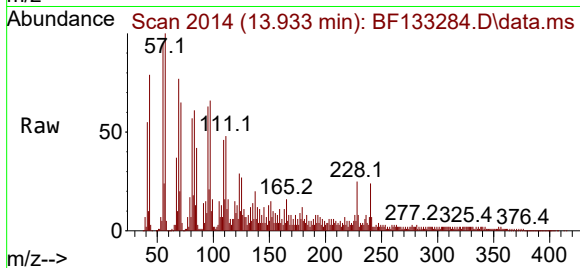
Tgt Ion:228 Resp: 79498

Ion Ratio Lower Upper

228 100

226 33.0 22.2 33.4

229 30.6 16.0 24.0#



#83

Chrysene

Concen: 6.256 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.059 min

Lab File: BF133284.D

Acq: 06 May 2023 02:03

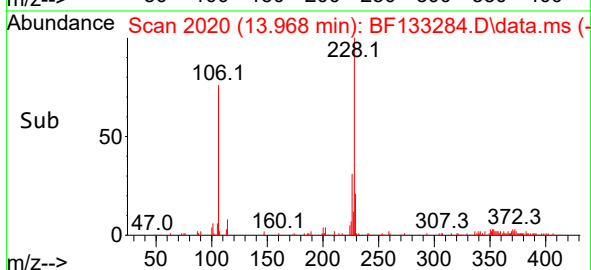
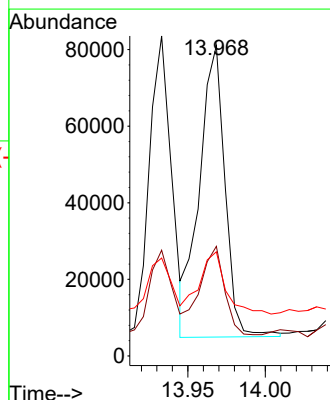
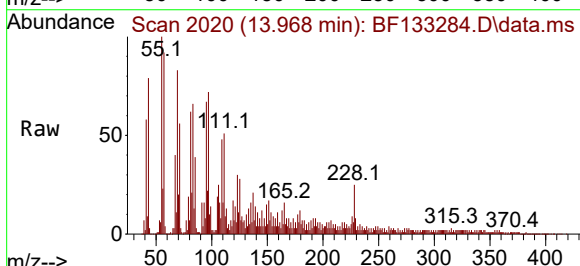
Tgt Ion:228 Resp: 87481

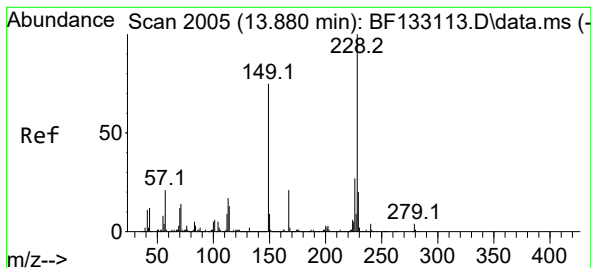
Ion Ratio Lower Upper

228 100

226 35.3 24.7 37.1

229 33.6 16.1 24.1#





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.454 ng

RT: 13.910 min Scan# 2005

Delta R.T. 0.041 min

Lab File: BF133284.D

Acq: 06 May 2023 02:03

Instrument :

BNA_F

ClientSampleId :

RBR-251675

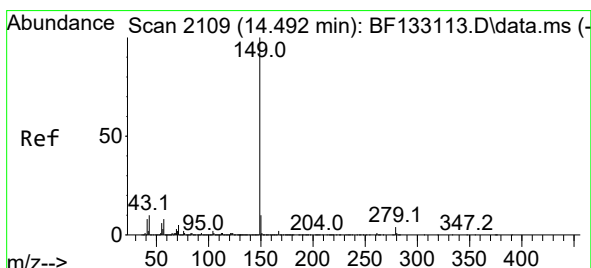
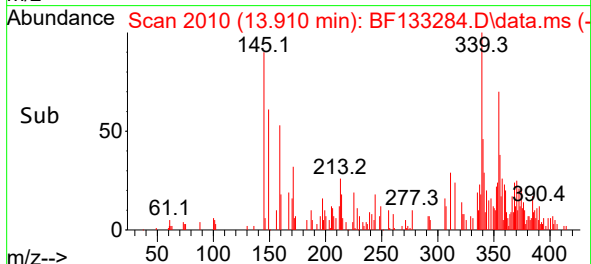
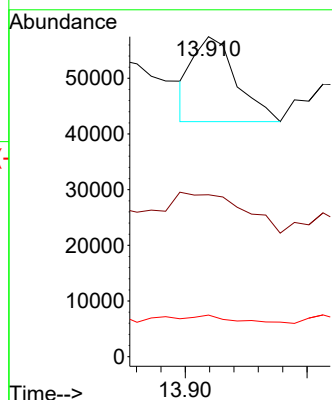
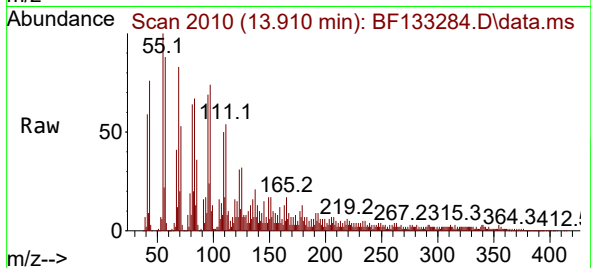
Tgt Ion:149 Resp: 19015

Ion Ratio Lower Upper

149 100

167 50.6 22.5 33.7#

279 13.0 4.2 6.4#



#85

Di-n-octyl phthalate

Concen: 3.110 ng

RT: 14.562 min Scan# 2121

Delta R.T. 0.082 min

Lab File: BF133284.D

Acq: 06 May 2023 02:03

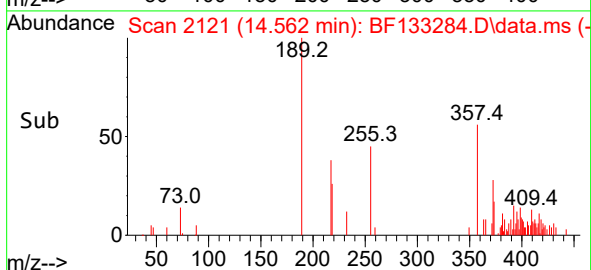
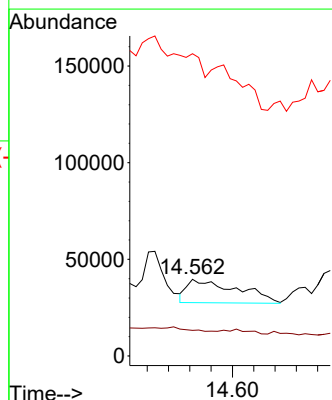
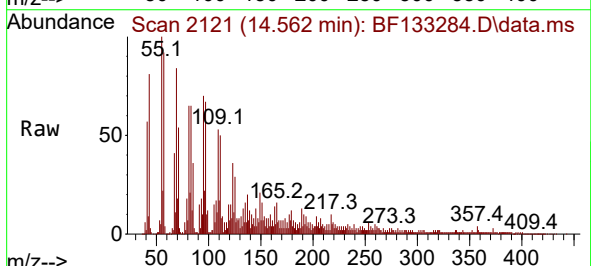
Tgt Ion:149 Resp: 39291

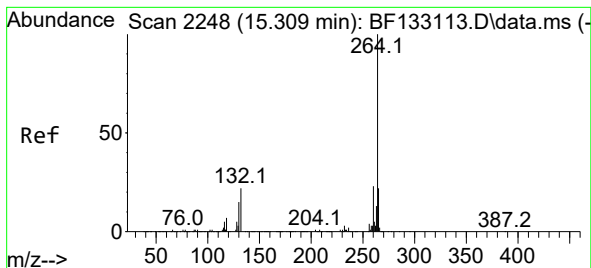
Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 0.0 9.5 14.3#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.327 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF133284.D

Acq: 06 May 2023 02:03

Instrument :

BNA_F

ClientSampleId :

RBR-251675

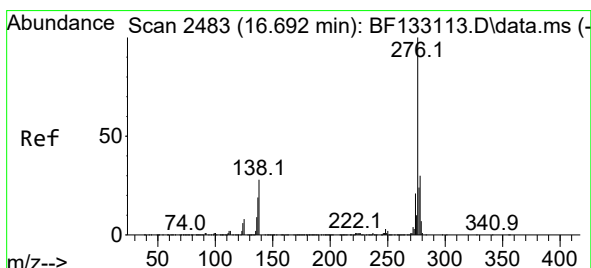
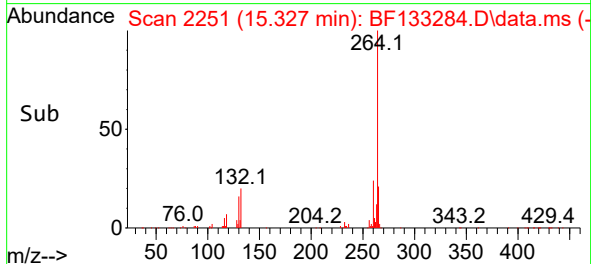
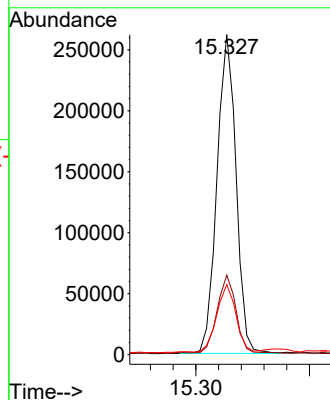
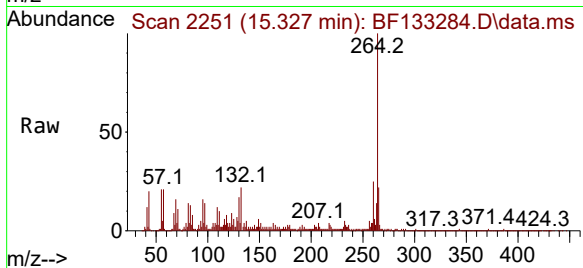
Tgt Ion:264 Resp: 305129

Ion Ratio Lower Upper

264 100

260 24.9 18.8 28.2

265 21.9 17.0 25.4



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.366 ng

RT: 16.680 min Scan# 2481

Delta R.T. 0.006 min

Lab File: BF133284.D

Acq: 06 May 2023 02:03

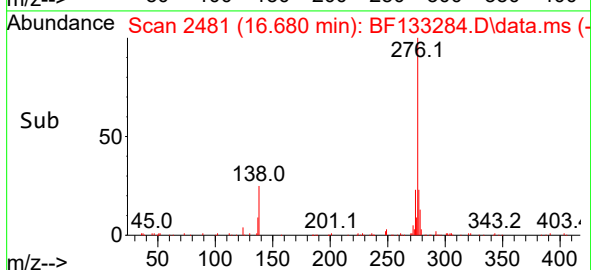
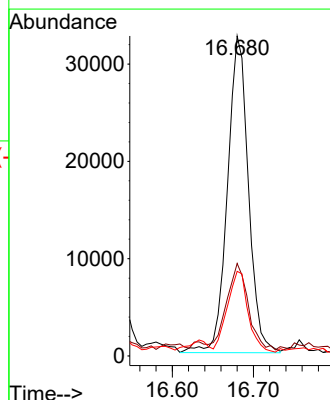
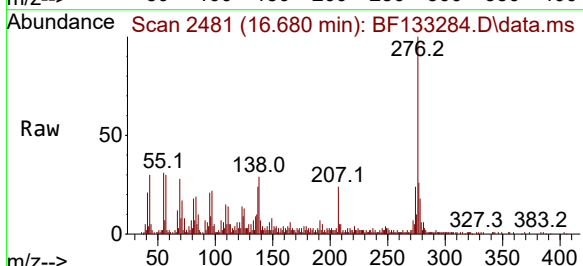
Tgt Ion:276 Resp: 58427

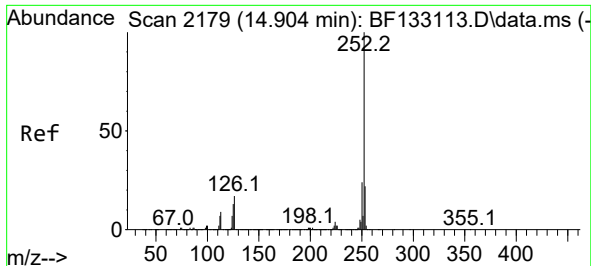
Ion Ratio Lower Upper

276 100

138 28.0 25.5 38.3

277 25.2 20.4 30.6

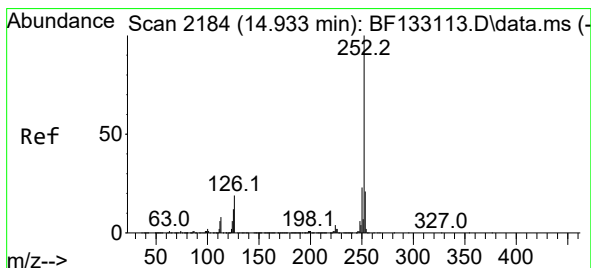
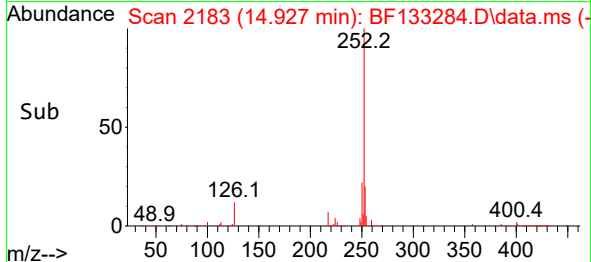
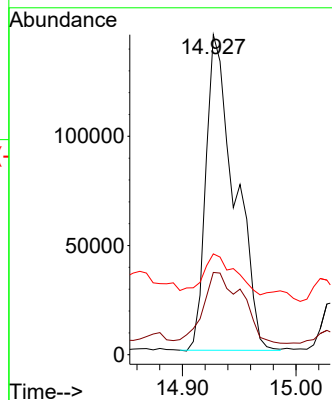
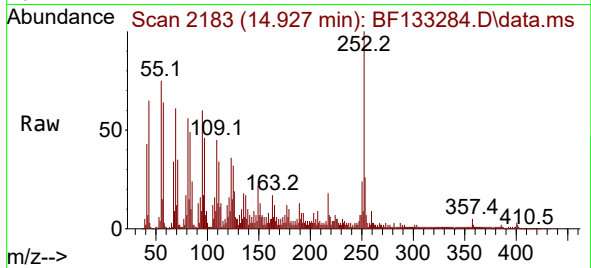




#88
Benzo(b)fluoranthene
Concen: 13.178 ng
RT: 14.927 min Scan# 2179
Delta R.T. 0.035 min
Lab File: BF133284.D
Acq: 06 May 2023 02:03

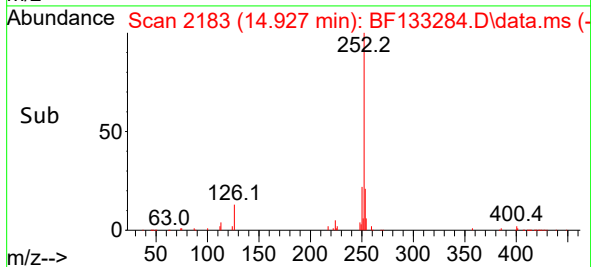
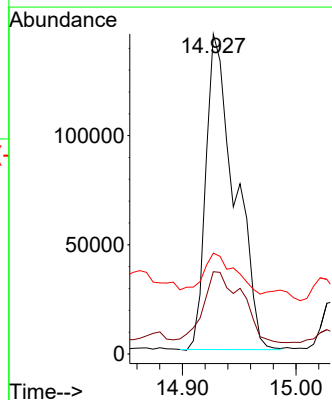
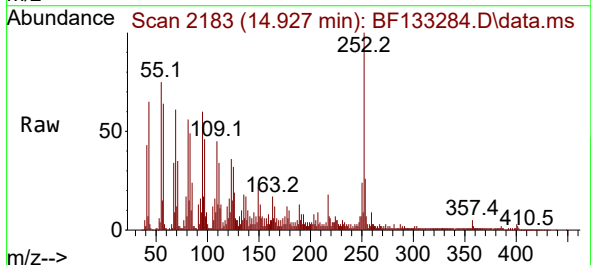
Instrument :
BNA_F
ClientSampleId :
RBR-251675

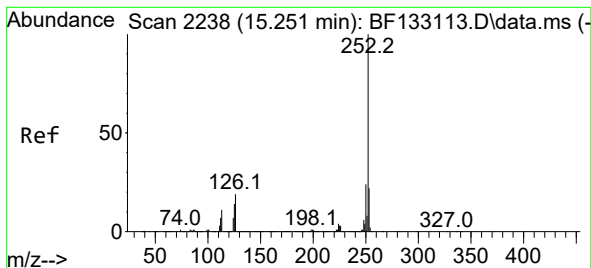
Tgt Ion:252 Resp: 255806
Ion Ratio Lower Upper
252 100
253 25.7 17.6 26.4
125 31.5 8.9 13.3#



#89
Benzo(k)fluoranthene
Concen: 13.294 ng
RT: 14.927 min Scan# 2183
Delta R.T. 0.006 min
Lab File: BF133284.D
Acq: 06 May 2023 02:03

Tgt Ion:252 Resp: 255806
Ion Ratio Lower Upper
252 100
253 25.7 17.7 26.5
125 31.5 9.0 13.4#





#90

Benzo(a)pyrene

Concen: 5.966 ng

RT: 15.268 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF133284.D

Acq: 06 May 2023 02:03

Instrument :

BNA_F

ClientSampleId :

RBR-251675

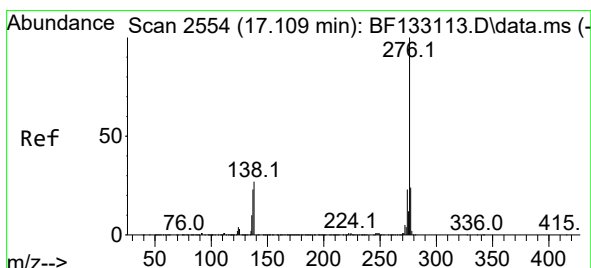
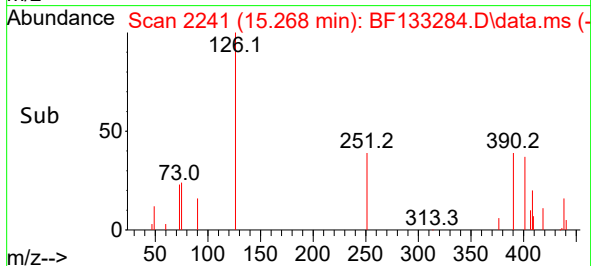
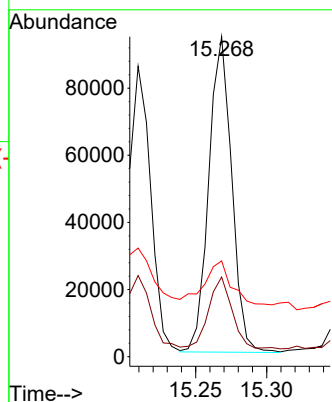
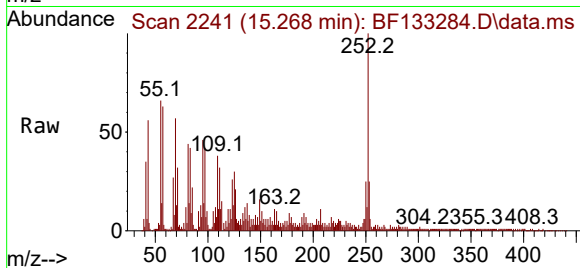
Tgt Ion:252 Resp: 105413

Ion Ratio Lower Upper

252 100

253 24.9 17.7 26.5

125 30.0 10.5 15.7#



#92

Benzo(g,h,i)perylene

Concen: 3.665 ng

RT: 17.092 min Scan# 2551

Delta R.T. -0.000 min

Lab File: BF133284.D

Acq: 06 May 2023 02:03

Tgt Ion:276 Resp: 52377

Ion Ratio Lower Upper

276 100

277 23.3 19.4 29.0

138 23.6 22.7 34.1

