

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100223\
 Data File : BF135536.D
 Acq On : 02 Oct 2023 19:50
 Operator : CG\JU
 Sample : 04668-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR251354

Quant Time: Oct 03 02:57:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 30 00:12:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	137429	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	460969	20.000	ng	# 0.00
39) Acenaphthene-d10	9.792	164	111991	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	81680	20.000	ng	# 0.07
76) Chrysene-d12	13.968	240	165851	20.000	ng	# 0.04
86) Perylene-d12	15.415	264	202838	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	797255	94.354	ng	0.00
7) Phenol-d6	6.398	99	988063	91.962	ng	0.00
23) Nitrobenzene-d5	7.310	82	552135	65.074	ng	-0.01
42) 2,4,6-Tribromophenol	10.621	330	84113	75.579	ng	0.04
45) 2-Fluorobiphenyl	9.104	172	697069	93.908	ng	0.00
79) Terphenyl-d14	12.939	244	335196	31.330	ng	0.06
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.310	70	72859	10.948	ng	# 80
25) Isophorone	7.310	82	552430	35.457	ng	# 65
35) Caprolactam	8.486	113	16256	7.726	ng	# 1
46) 1,1'-Biphenyl	9.204	154	21021	2.443	ng	# 84
48) 2-Nitroaniline	9.327	65	9633	3.971	ng	# 59
49) Acenaphthylene	9.651	152	29243	2.818	ng	# 1
51) 2,6-Dinitrotoluene	9.586	165	37866	22.828	ng	# 26
52) Acenaphthene	9.827	154	50516	8.240	ng	# 78
53) 3-Nitroaniline	9.739	138	18222	9.359	ng	# 22
54) 2,4-Dinitrophenol	9.857	184	612	6.847	ng	# 1
55) Dibenzofuran	10.004	168	59825	6.395	ng	# 15
56) 4-Nitrophenol	9.927	139	13470	10.885	ng	# 1
57) 2,4-Dinitrotoluene	10.039	165	19762	9.517	ng	# 40
58) Fluorene	10.369	166	32906	4.575	ng	# 14
60) Diethylphthalate	10.263	149	23767	3.128	ng	# 15
61) 4-Chlorophenyl-phenyle...	10.374	204	12039	3.485	ng	# 1
62) 4-Nitroaniline	10.274	138	50355	26.905	ng	# 89
65) 4,6-Dinitro-2-methylph...	10.539	198	12275	28.295	ng	# 1
66) n-Nitrosodiphenylamine	10.545	169	32196	13.020	ng	# 52
69) Atrazine	11.057	200	3401	5.111	ng	# 1
70) Pentachlorophenol	11.157	266	4173	8.428	ng	# 25
71) Phenanthrene	11.369	178	153526	39.742	ng	# 36
72) Anthracene	11.369	178	153526	38.663	ng	# 36
73) Carbazole	11.563	167	13350	3.693	ng	# 1
74) Di-n-butylphthalate	11.916	149	47620	11.180	ng	# 26
75) Fluoranthene	12.586	202	180013	44.720	ng	# 85
77) Benzidine	12.645	184	9803	2.885	ng	# 1
78) Pyrene	12.810	202	147681	9.353	ng	# 87
81) Benzo(a)anthracene	13.957	228	82644	7.717	ng	# 89
83) Chrysene	13.998	228	96536	9.066	ng	# 93
84) Bis(2-ethylhexyl)phtha...	13.933	149	426696	74.793	ng	# 98
85) Di-n-octyl phthalate	14.574	149	19231	2.121	ng	# 61
87) Indeno(1,2,3-cd)pyrene	16.892	276	36903	2.775	ng	# 98
88) Benzo(b)fluoranthene	14.992	252	143463	13.065	ng	# 72
89) Benzo(k)fluoranthene	14.992	252	143463	13.227	ng	# 73
90) Benzo(a)pyrene	15.356	252	52733	5.036	ng	# 79

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ALS Vial : 14 Sample Multiplier: 1

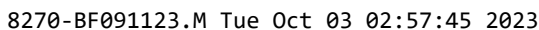
Instrument :
BNA_F
ClientSampleId :
RBR251354

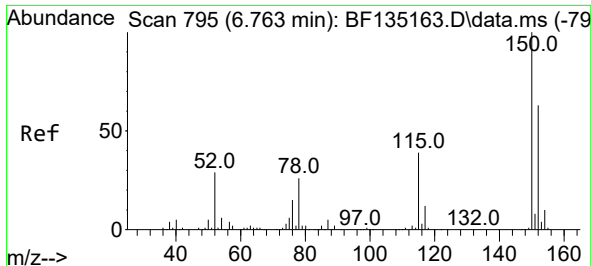
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 30 00:12:20 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) Benzo(g,h,i)perylene	17.339	276	36928	3.249	ng	# 91

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

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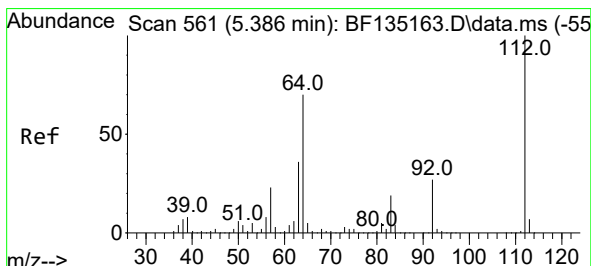
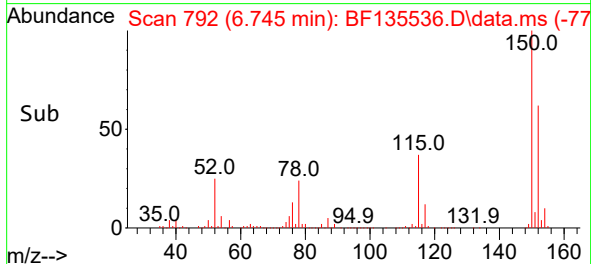
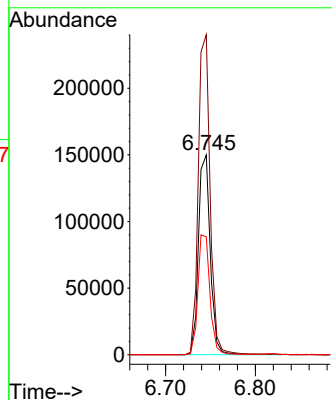
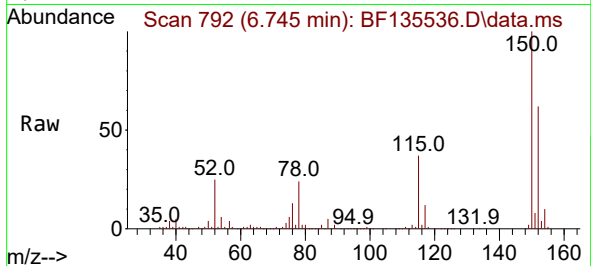




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135536.D
Acq: 02 Oct 2023 19:50

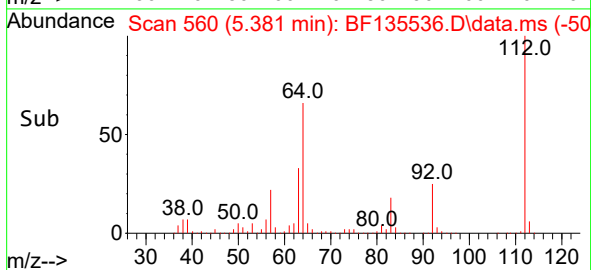
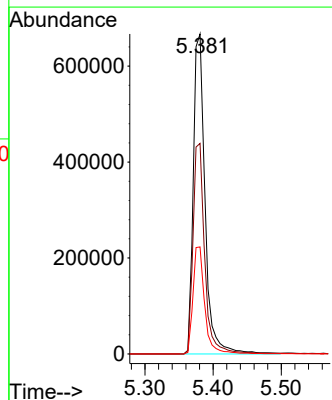
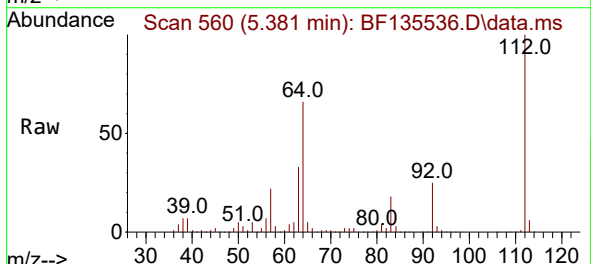
Instrument :
BNA_F
ClientSampleId :
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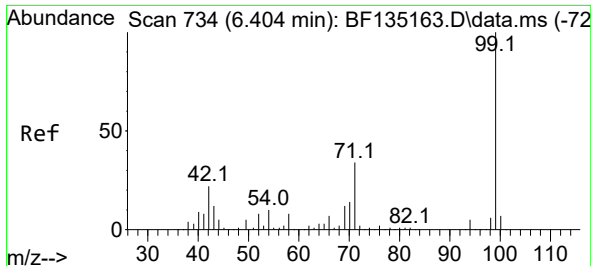
Tgt Ion:152 Resp: 137429
Ion Ratio Lower Upper
152 100
150 160.3 127.8 191.6
115 59.1 49.8 74.8



#5
2-Fluorophenol
Concen: 94.354 ng
RT: 5.381 min Scan# 560
Delta R.T. -0.000 min
Lab File: BF135536.D
Acq: 02 Oct 2023 19:50

Tgt Ion:112 Resp: 797255
Ion Ratio Lower Upper
112 100
64 65.8 55.9 83.9
63 33.5 29.0 43.6

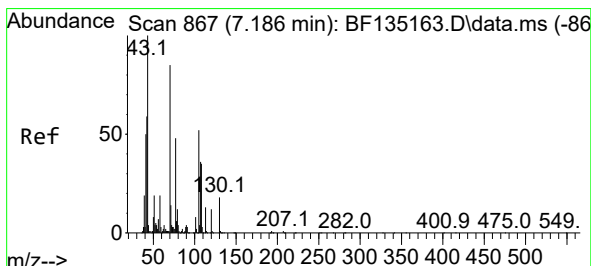
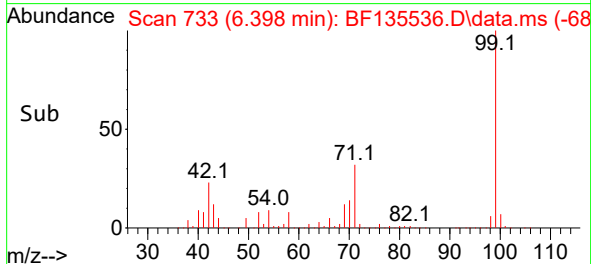
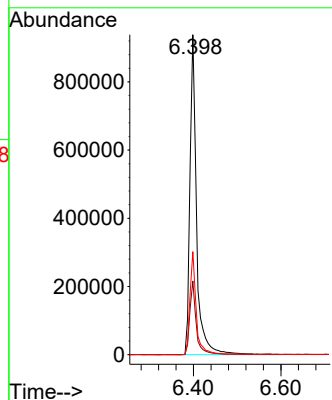
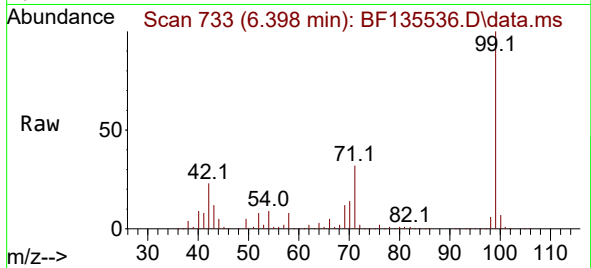




#7
Phenol-d6
Concen: 91.962 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135536.D
Acq: 02 Oct 2023 19:50

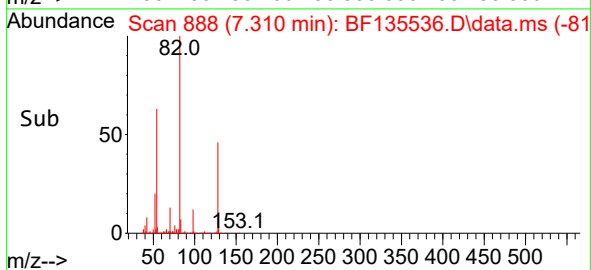
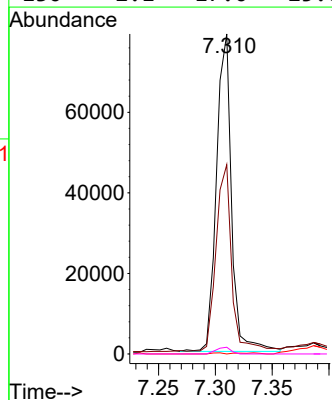
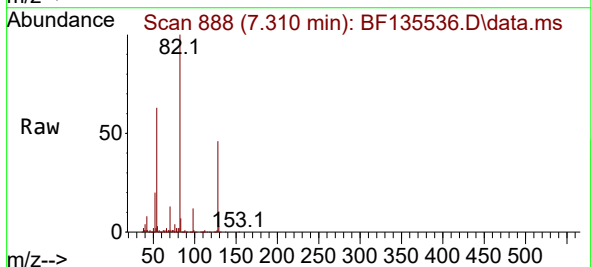
Instrument :
BNA_F
ClientSampleId :
RBR251354

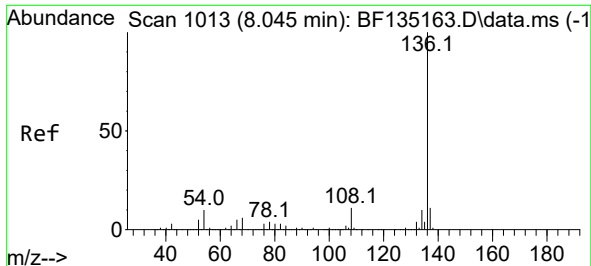
Tgt Ion: 99 Resp: 988063
Ion Ratio Lower Upper
99 100
42 23.0 17.9 26.9
71 32.2 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 10.948 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.141 min
Lab File: BF135536.D
Acq: 02 Oct 2023 19:50

Tgt Ion: 70 Resp: 72859
Ion Ratio Lower Upper
70 100
42 59.1 55.4 83.0
101 0.0 7.7 11.5#
130 2.1 17.0 25.6#

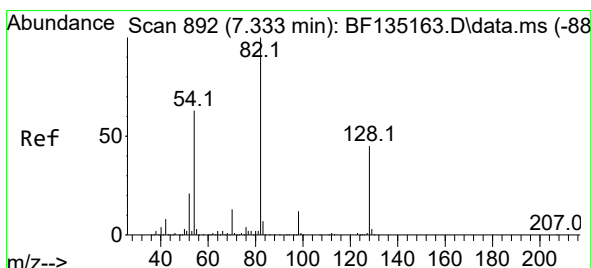
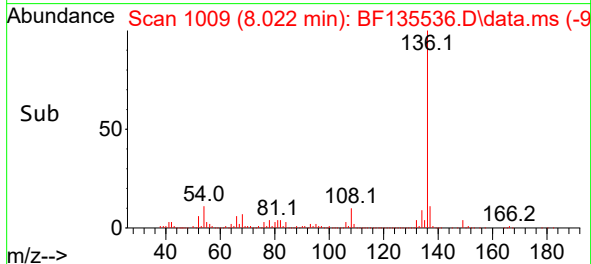
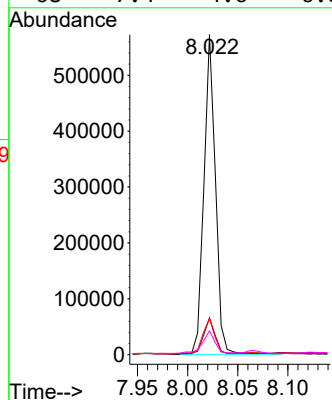
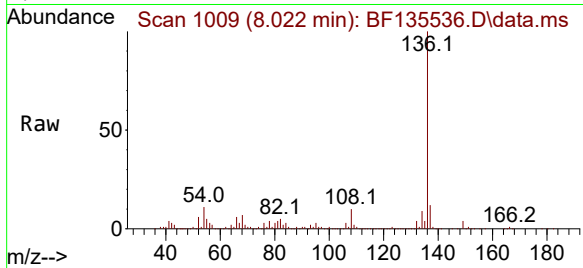




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF135536.D
Acq: 02 Oct 2023 19:50

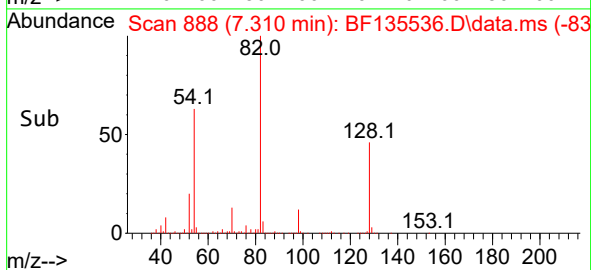
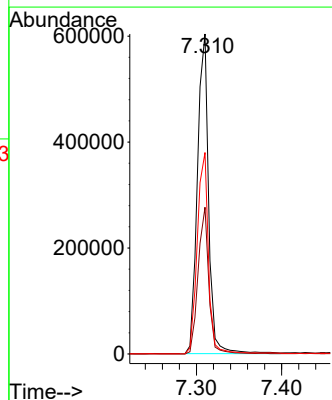
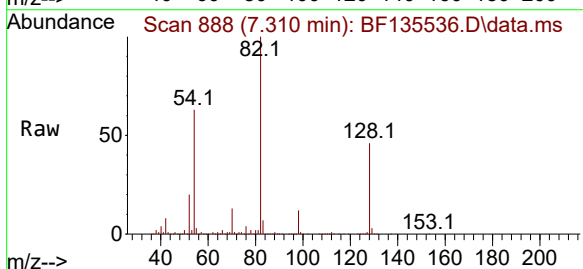
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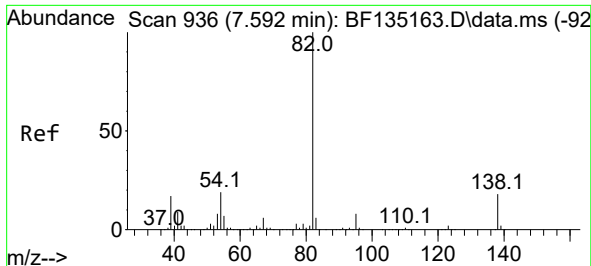
Tgt Ion:	136	Resp:	460969
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	11.3	7.7	11.5
68	7.4	4.6	6.8



#23
Nitrobenzene-d5
Concen: 65.074 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF135536.D
Acq: 02 Oct 2023 19:50

Tgt Ion:	82	Resp:	552135
Ion	Ratio	Lower	Upper
82	100		
128	45.8	35.8	53.6
54	63.0	50.6	76.0

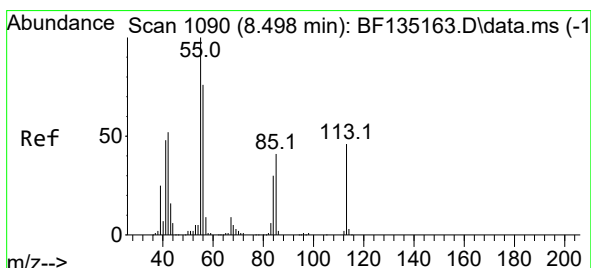
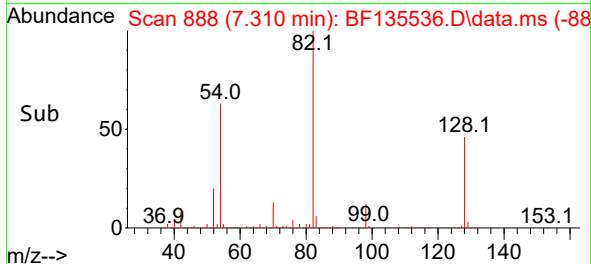
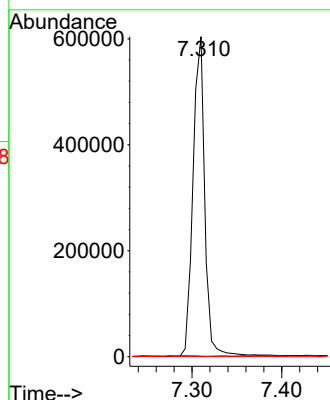
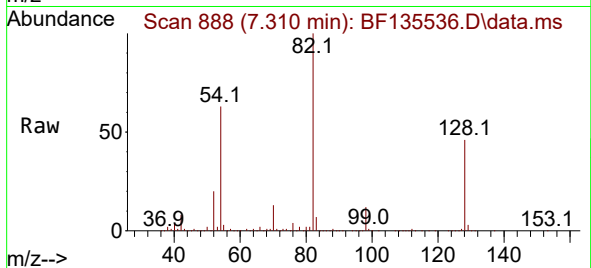




#25
Isophorone
Concen: 35.457 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF135536.D
Acq: 02 Oct 2023 19:50

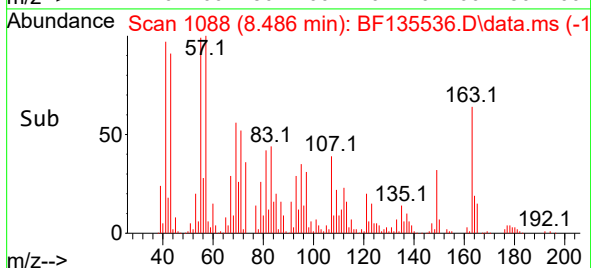
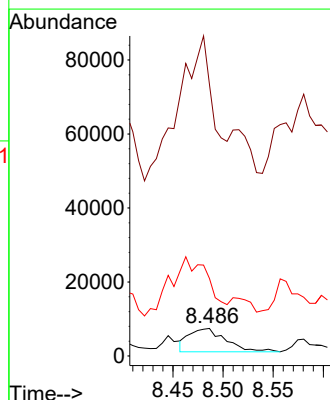
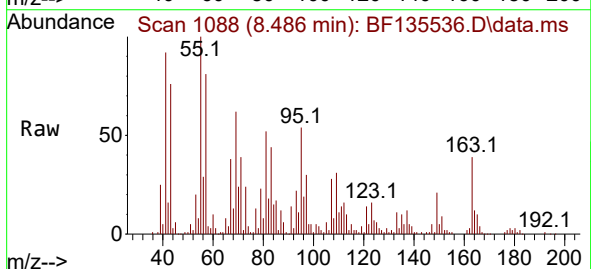
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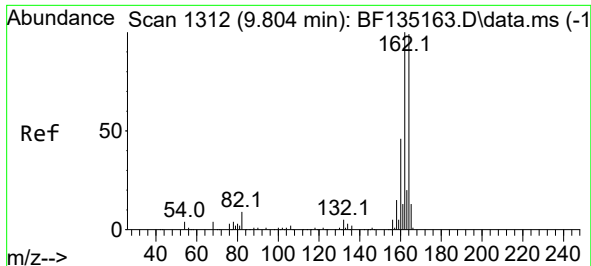
Tgt Ion: 82 Resp: 552430
Ion Ratio Lower Upper
82 100
95 0.2 6.0 9.0#
138 0.0 14.5 21.7#



#35
Caprolactam
Concen: 7.726 ng
RT: 8.486 min Scan# 1088
Delta R.T. -0.006 min
Lab File: BF135536.D
Acq: 02 Oct 2023 19:50

Tgt Ion: 113 Resp: 16256
Ion Ratio Lower Upper
113 100
55 984.9 199.3 239.3#
56 281.0 146.3 186.3#

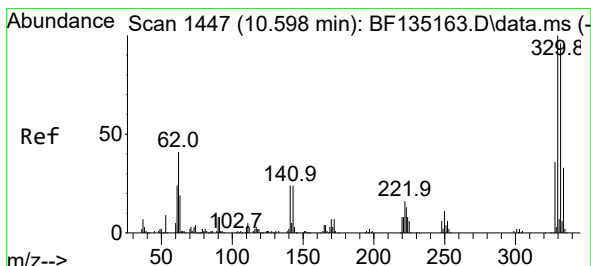
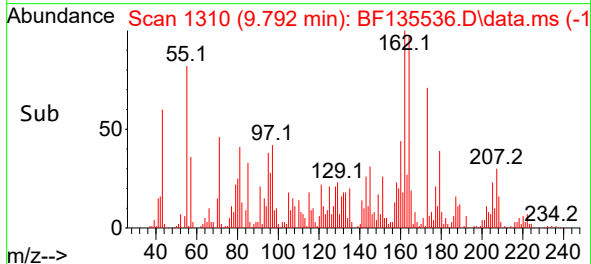
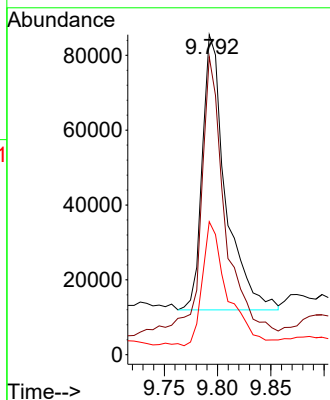
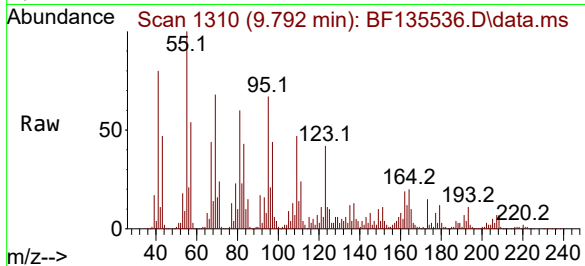




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135536.D
Acq: 02 Oct 2023 19:50

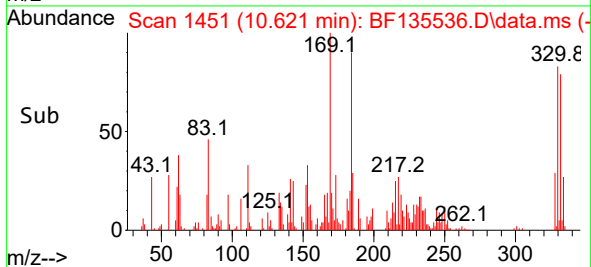
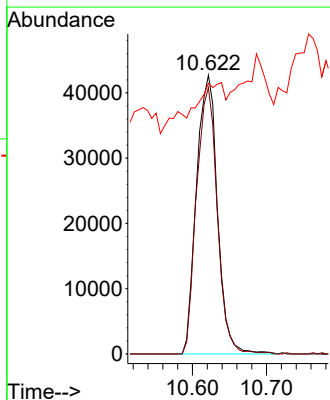
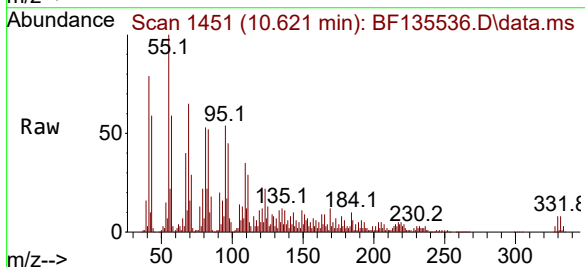
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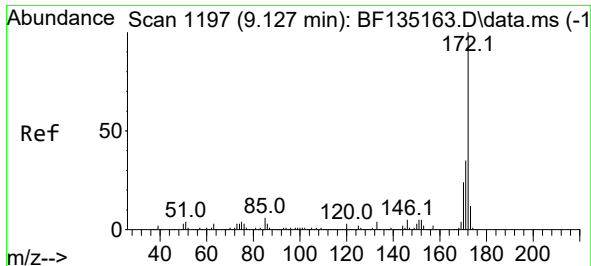
Tgt Ion:164 Resp: 111991
Ion Ratio Lower Upper
164 100
162 93.1 81.0 121.4
160 41.5 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 75.579 ng
RT: 10.621 min Scan# 1451
Delta R.T. 0.041 min
Lab File: BF135536.D
Acq: 02 Oct 2023 19:50

Tgt Ion:330 Resp: 84113
Ion Ratio Lower Upper
330 100
332 94.5 77.3 115.9
141 20.9 25.8 38.8#

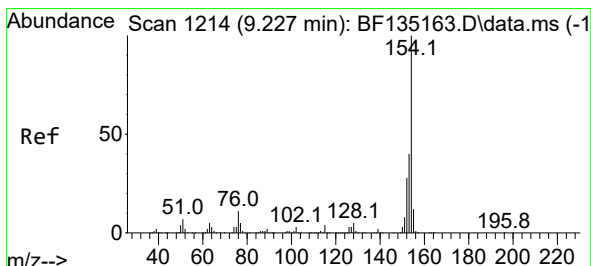
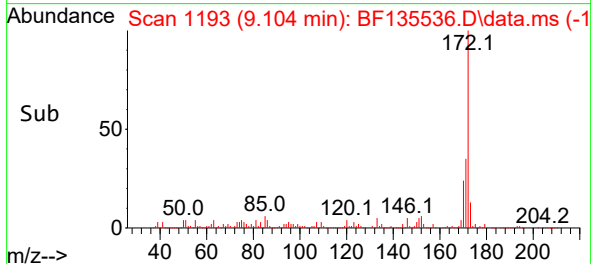
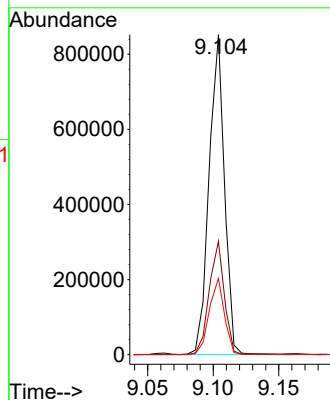
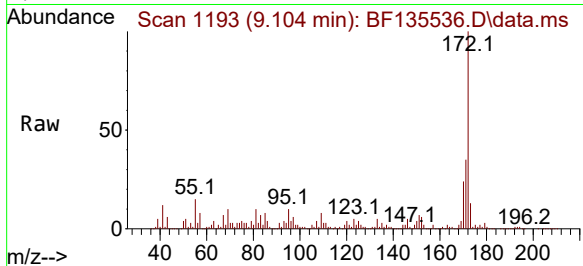




#45
2-Fluorobiphenyl
Concen: 93.908 ng
RT: 9.104 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF135536.D
Acq: 02 Oct 2023 19:50

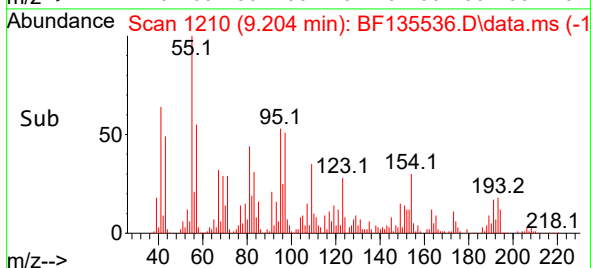
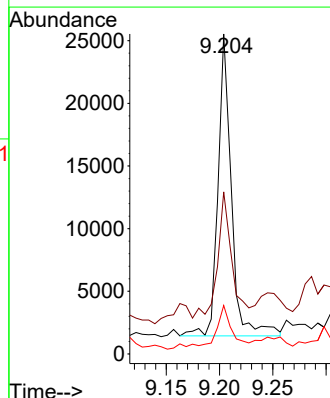
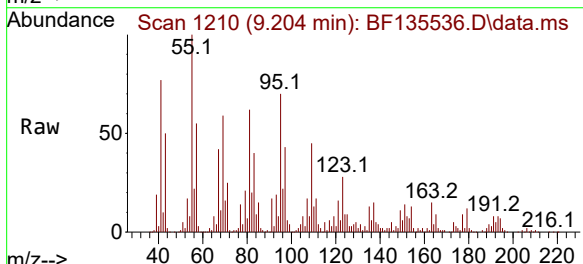
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ClientSampleId :
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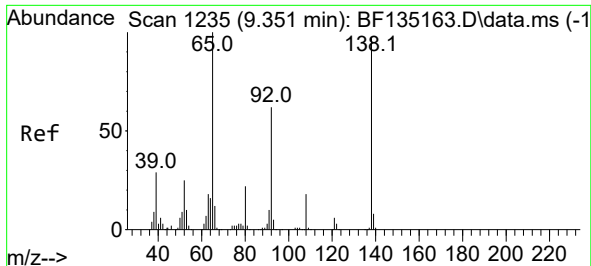
Tgt Ion:172 Resp: 697069
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.8 19.0 28.4



#46
1,1'-Biphenyl
Concen: 2.443 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF135536.D
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Tgt Ion:154 Resp: 21021
Ion Ratio Lower Upper
154 100
153 50.7 19.6 59.6
76 15.2 0.0 31.0

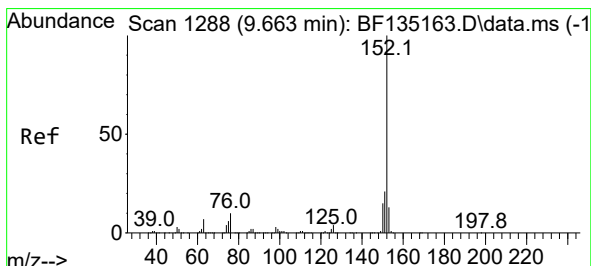
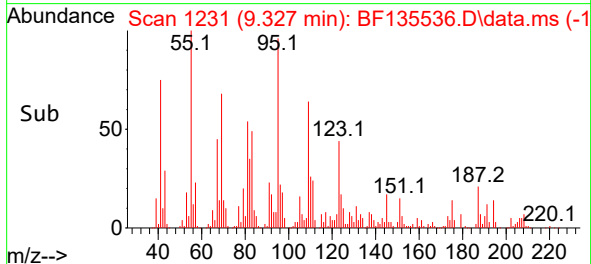
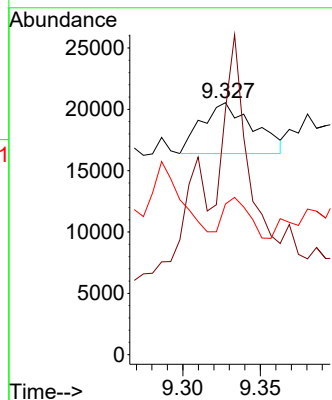
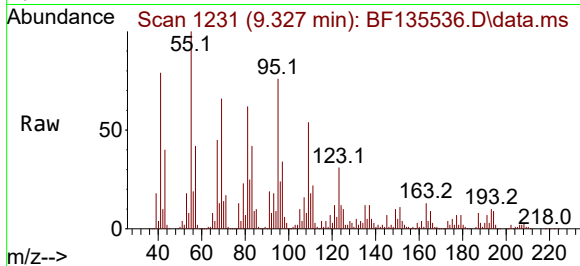




#48
2-Nitroaniline
Concen: 3.971 ng
RT: 9.327 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135536.D
Acq: 02 Oct 2023 19:50

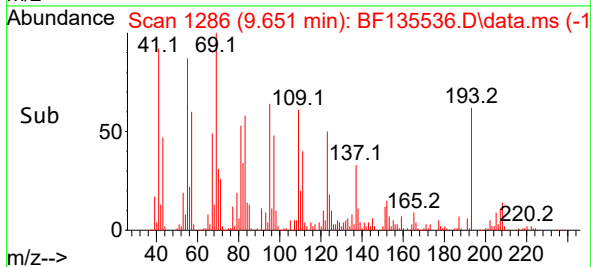
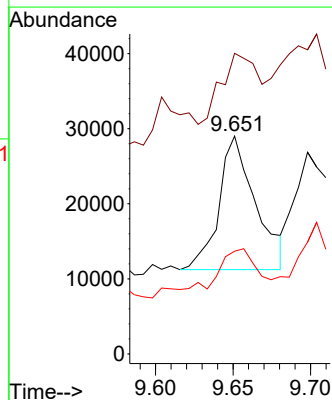
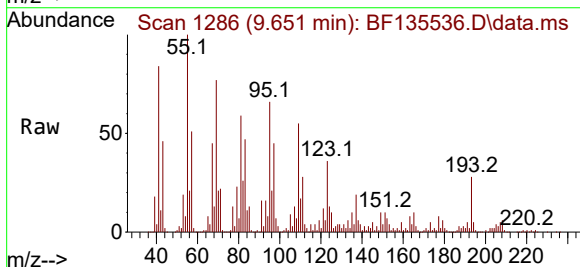
Instrument :
BNA_F
ClientSampleId :
RBR251354

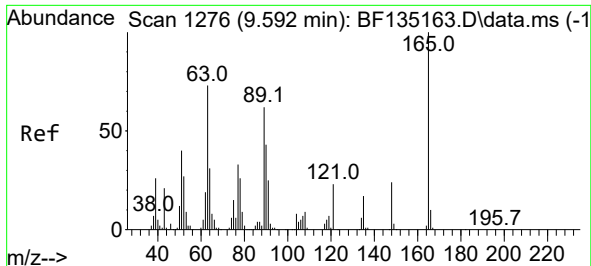
Tgt Ion: 65 Resp: 9633
Ion Ratio Lower Upper
65 100
92 97.2 49.4 74.0#
138 59.8 77.4 116.0#



#49
Acenaphthylene
Concen: 2.818 ng
RT: 9.651 min Scan# 1286
Delta R.T. -0.000 min
Lab File: BF135536.D
Acq: 02 Oct 2023 19:50

Tgt Ion:152 Resp: 29243
Ion Ratio Lower Upper
152 100
151 138.0 16.4 24.6#
153 47.1 10.4 15.6#

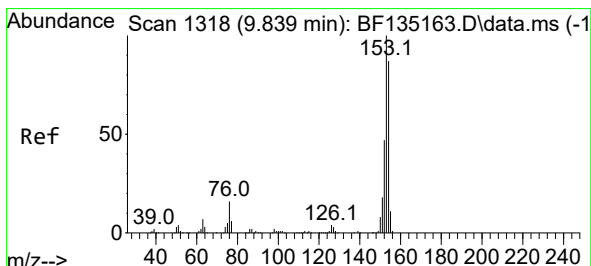
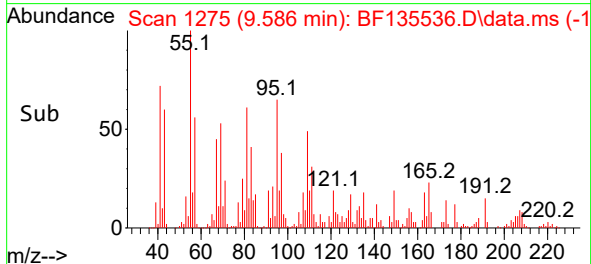
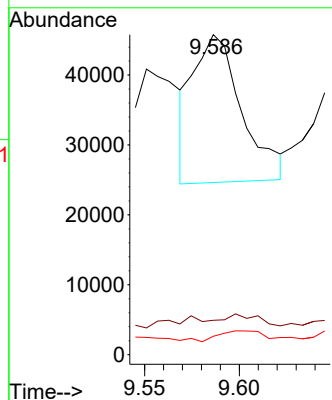
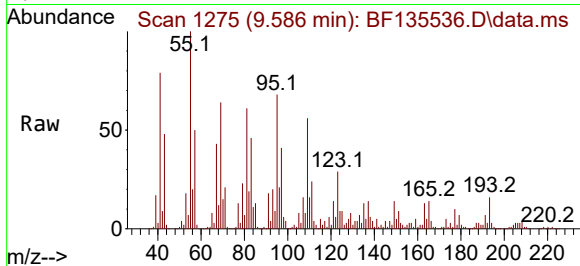




#51
2,6-Dinitrotoluene
Concen: 22.828 ng
RT: 9.586 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BF135536.D
Acq: 02 Oct 2023 19:50

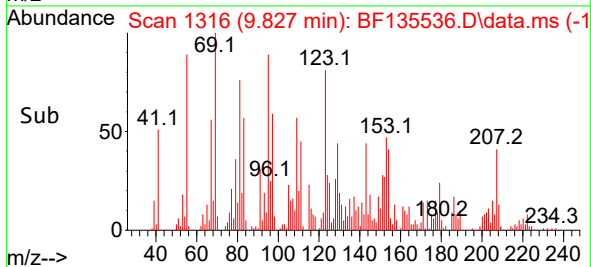
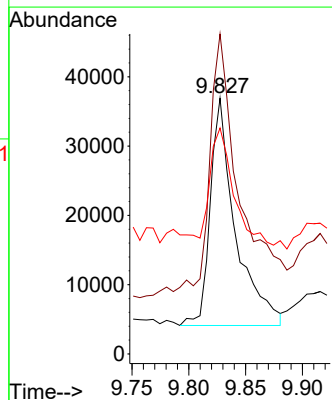
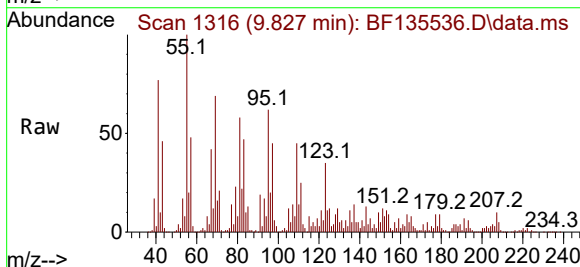
Instrument :
BNA_F
ClientSampleId :
RBR251354

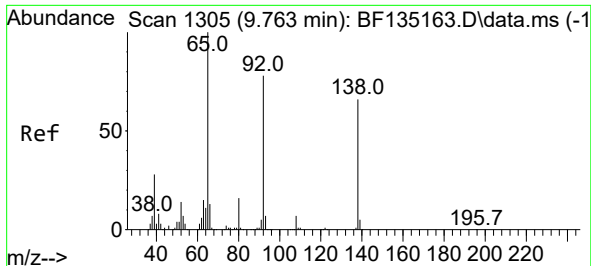
Tgt Ion:165 Resp: 37866
Ion Ratio Lower Upper
165 100
63 10.7 59.4 89.2#
89 5.7 49.8 74.8#



#52
Acenaphthene
Concen: 8.240 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.006 min
Lab File: BF135536.D
Acq: 02 Oct 2023 19:50

Tgt Ion:154 Resp: 50516
Ion Ratio Lower Upper
154 100
153 125.1 92.1 138.1
152 88.3 43.1 64.7#

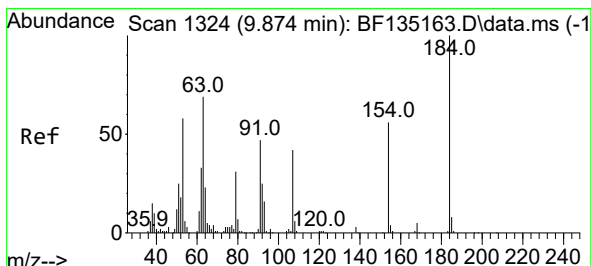
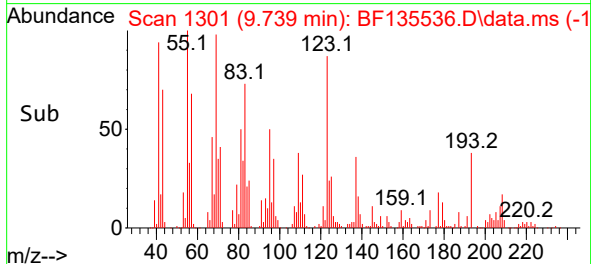
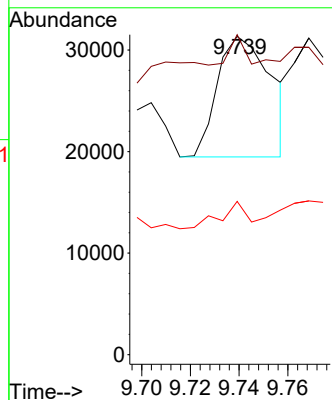
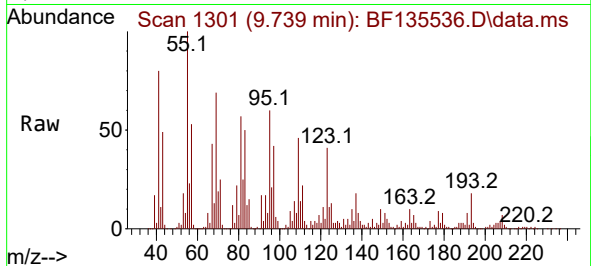




#53
3-Nitroaniline
Concen: 9.359 ng
RT: 9.739 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF135536.D
Acq: 02 Oct 2023 19:50

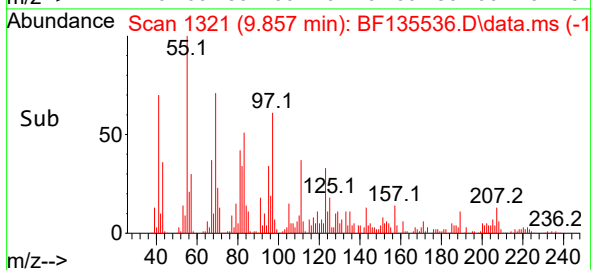
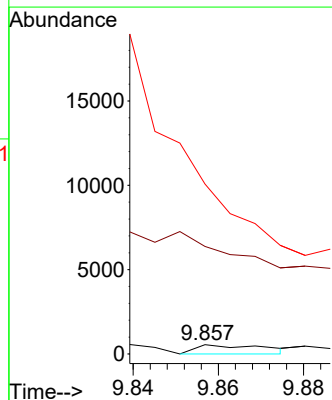
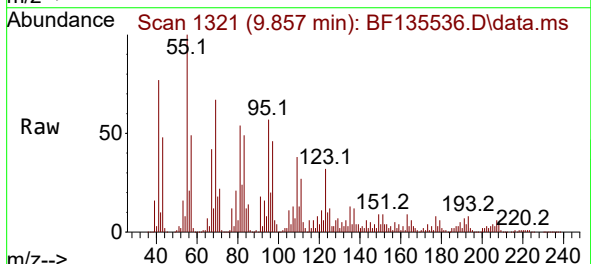
Instrument :
BNA_F
ClientSampleId :
RBR251354

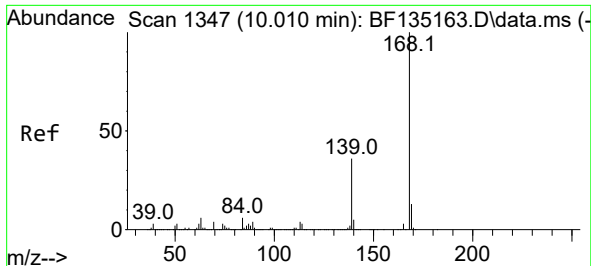
Tgt Ion:138 Resp: 18222
Ion Ratio Lower Upper
138 100
108 100.5 8.5 12.7#
92 48.1 95.4 143.0#



#54
2,4-Dinitrophenol
Concen: 6.847 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.012 min
Lab File: BF135536.D
Acq: 02 Oct 2023 19:50

Tgt Ion:184 Resp: 612
Ion Ratio Lower Upper
184 100
63 1162.8 55.1 82.7#
154 1838.5 48.4 72.6#

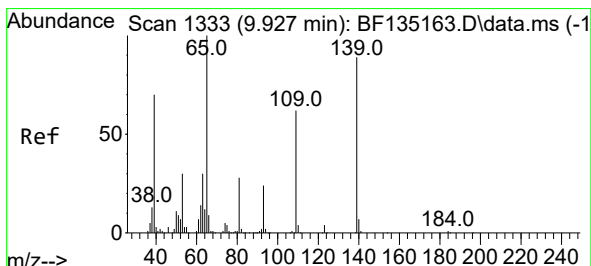
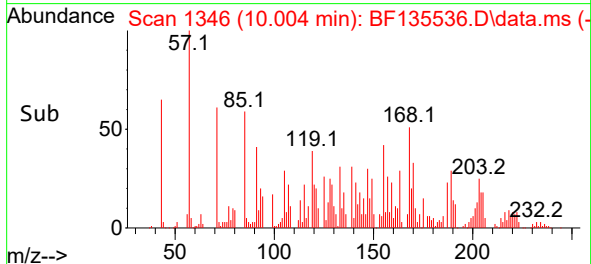
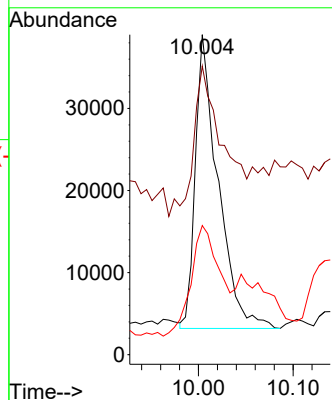
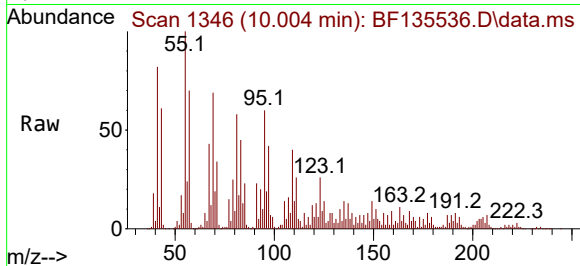




#55
Dibenzenofuran
Concen: 6.395 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.012 min
Lab File: BF135536.D
Acq: 02 Oct 2023 19:50

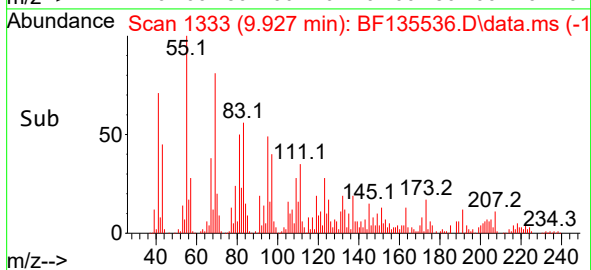
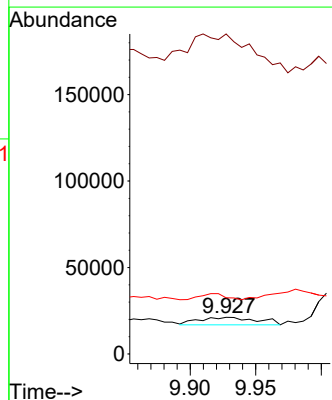
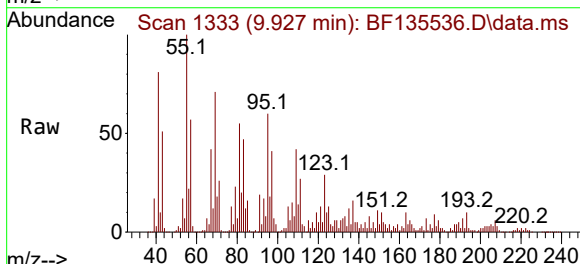
Instrument :
BNA_F
ClientSampleId :
RBR251354

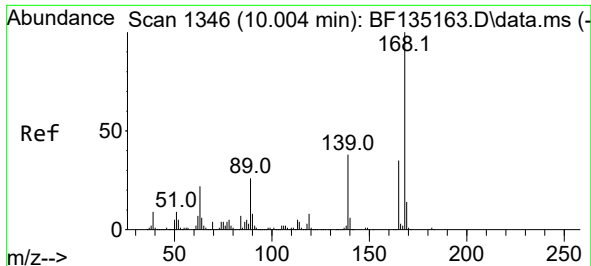
Tgt Ion:168 Resp: 59825
Ion Ratio Lower Upper
168 100
139 90.2 29.0 43.6#
169 40.4 10.4 15.6#



#56
4-Nitrophenol
Concen: 10.885 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF135536.D
Acq: 02 Oct 2023 19:50

Tgt Ion:139 Resp: 13470
Ion Ratio Lower Upper
139 100
109 873.4 49.8 89.8#
65 153.5 92.7 132.7#

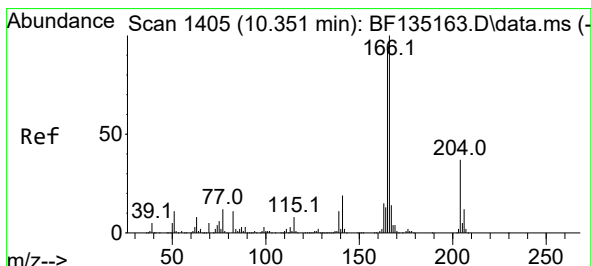
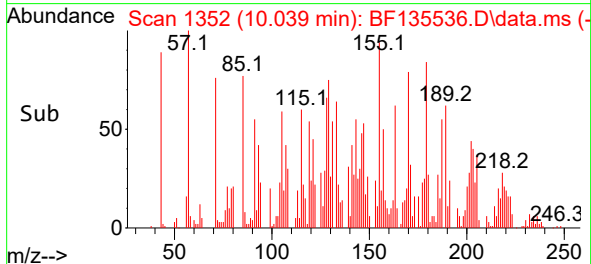
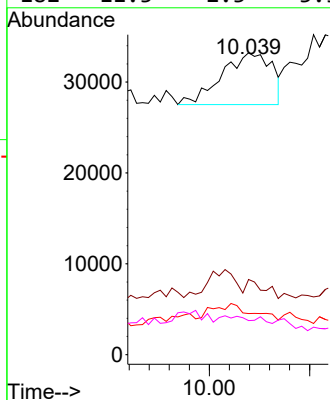
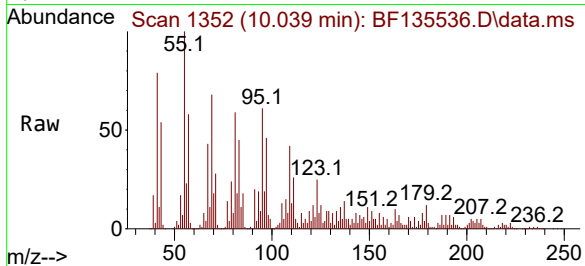




#57
2,4-Dinitrotoluene
Concen: 9.517 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.047 min
Lab File: BF135536.D
Acq: 02 Oct 2023 19:50

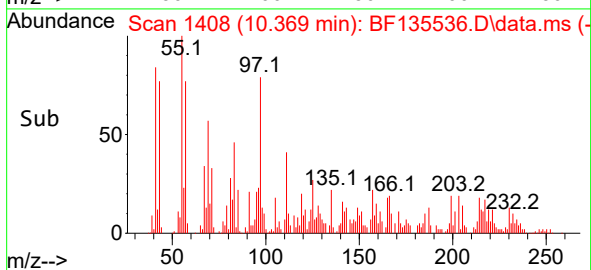
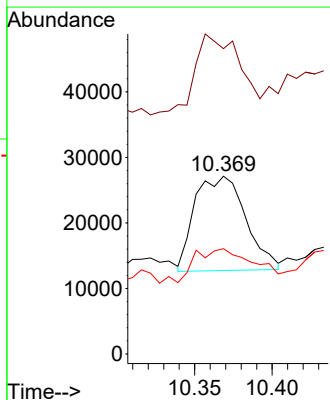
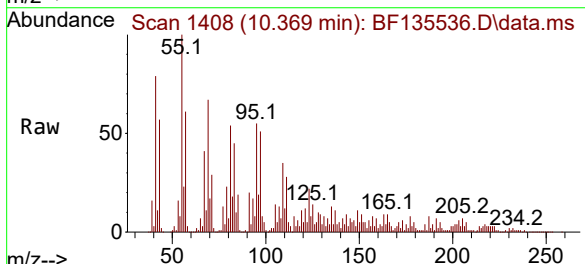
Instrument :
BNA_F
ClientSampleId :
RBR251354

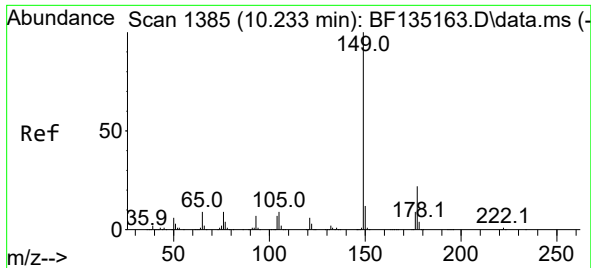
Tgt Ion:165 Resp: 19762
Ion Ratio Lower Upper
165 100
63 24.9 50.1 75.1#
89 13.6 59.3 88.9#
182 11.3 2.3 3.5#



#58
Fluorene
Concen: 4.575 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.029 min
Lab File: BF135536.D
Acq: 02 Oct 2023 19:50

Tgt Ion:166 Resp: 32906
Ion Ratio Lower Upper
166 100
165 171.7 74.3 111.5#
167 59.2 10.9 16.3#

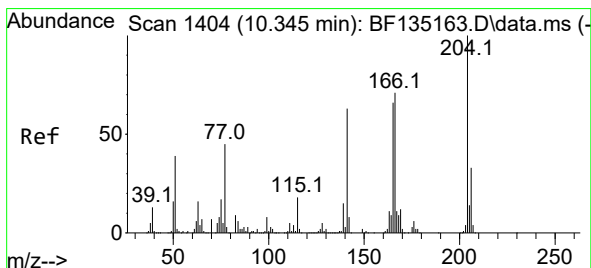
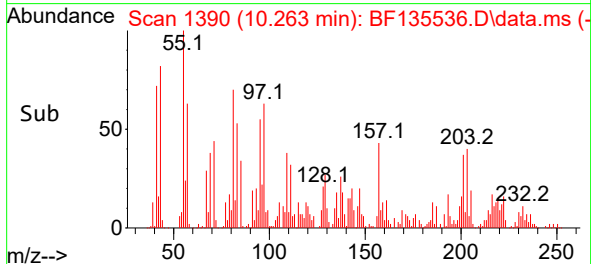
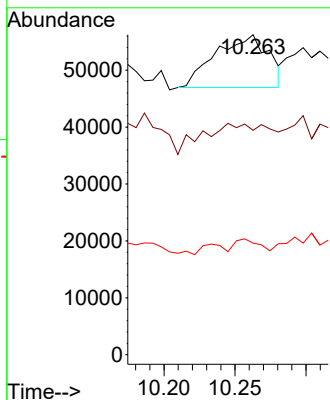
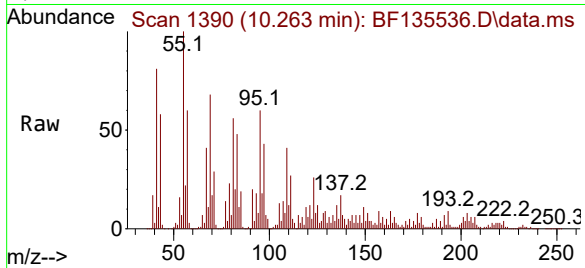




#60
Diethylphthalate
Concen: 3.128 ng
RT: 10.263 min Scan# 11
Delta R.T. 0.047 min
Lab File: BF135536.D
Acq: 02 Oct 2023 19:50

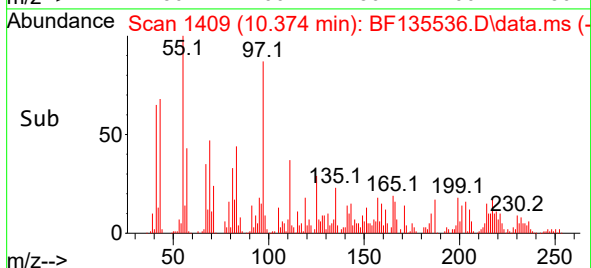
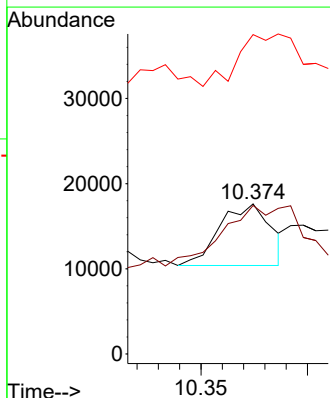
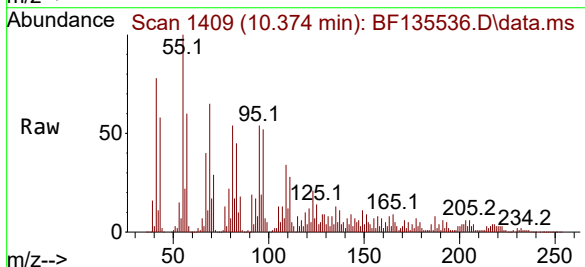
Instrument :
BNA_F
ClientSampleId :
RBR251354

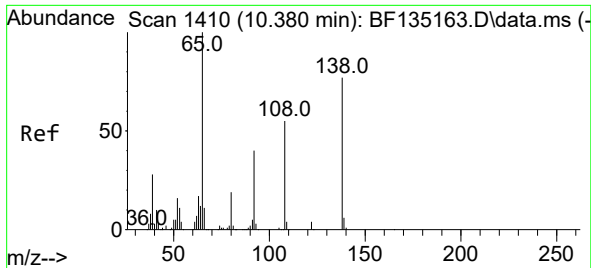
Tgt Ion:149 Resp: 23767
Ion Ratio Lower Upper
149 100
177 70.1 17.8 26.6#
150 34.8 10.0 15.0#



#61
4-Chlorophenyl-phenylether
Concen: 3.485 ng
RT: 10.374 min Scan# 1409
Delta R.T. 0.047 min
Lab File: BF135536.D
Acq: 02 Oct 2023 19:50

Tgt Ion:204 Resp: 12039
Ion Ratio Lower Upper
204 100
206 98.9 26.7 40.1#
141 212.8 50.6 75.8#

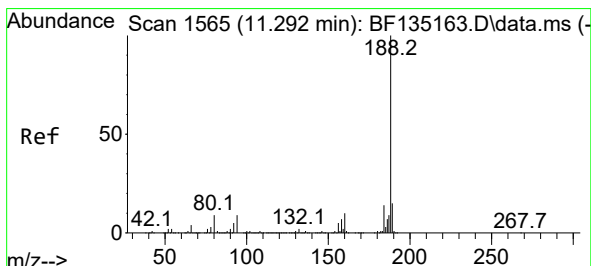
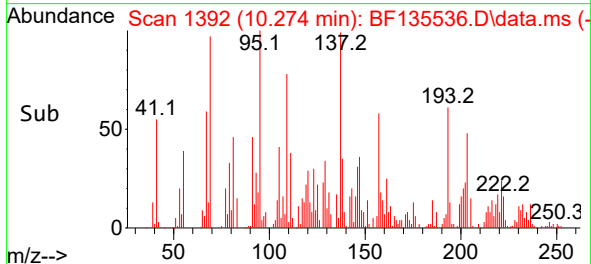
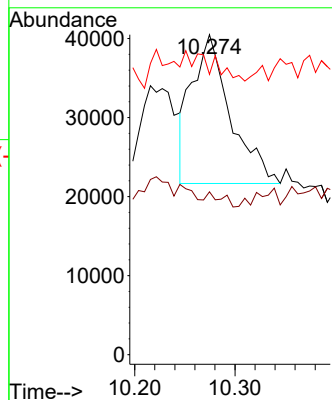
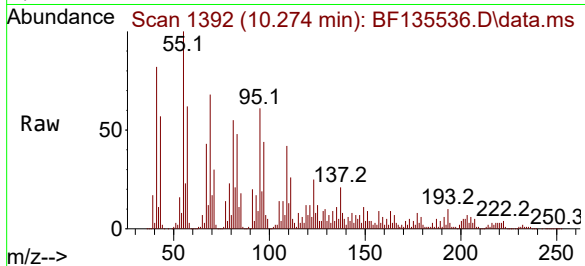




#62
4-Nitroaniline
Concen: 26.905 ng
RT: 10.274 min Scan# 11
Delta R.T. -0.100 min
Lab File: BF135536.D
Acq: 02 Oct 2023 19:50

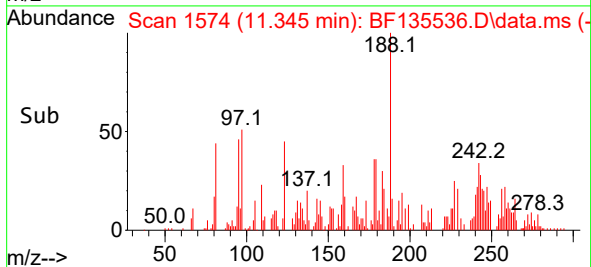
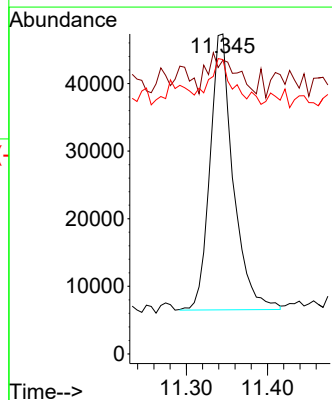
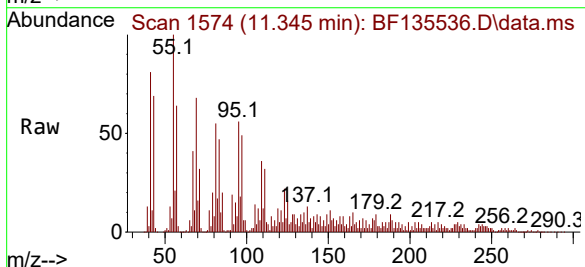
Instrument :
BNA_F
ClientSampleId :
RBR251354

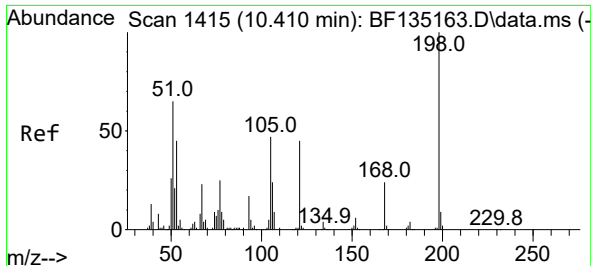
Tgt Ion:138 Resp: 50355
Ion Ratio Lower Upper
138 100
92 50.9 31.8 71.8
108 87.6 52.0 92.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.071 min
Lab File: BF135536.D
Acq: 02 Oct 2023 19:50

Tgt Ion:188 Resp: 81680
Ion Ratio Lower Upper
188 100
94 91.8 7.0 10.6#
80 92.0 7.5 11.3#

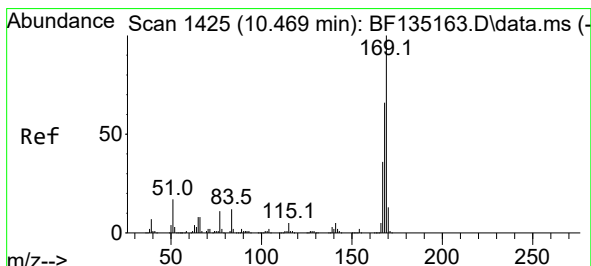
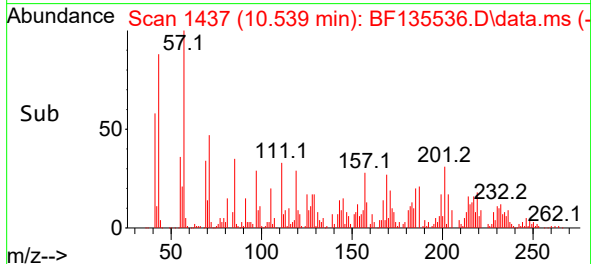
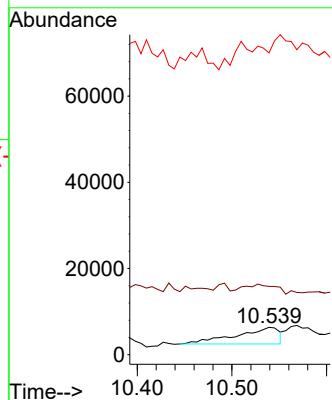
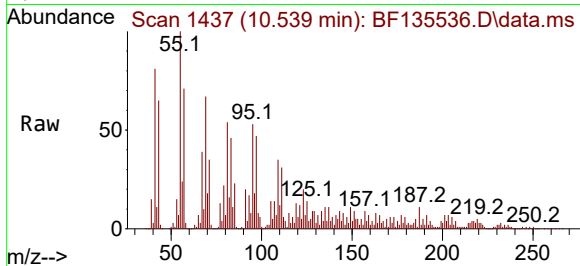




#65
4,6-Dinitro-2-methylphenol
Concen: 28.295 ng
RT: 10.539 min Scan# 1415
Delta R.T. 0.135 min
Lab File: BF135536.D
Acq: 02 Oct 2023 19:50

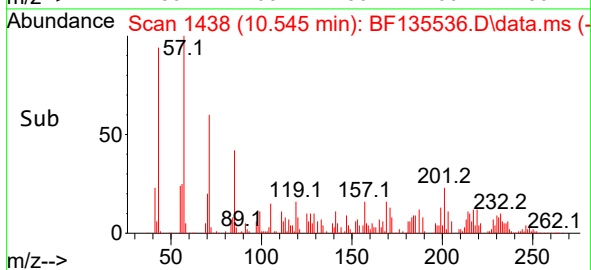
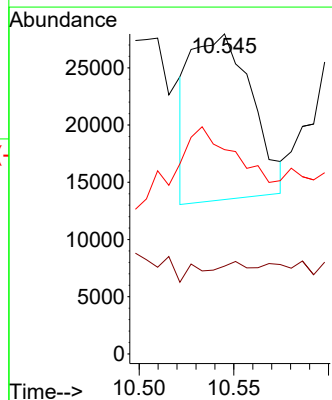
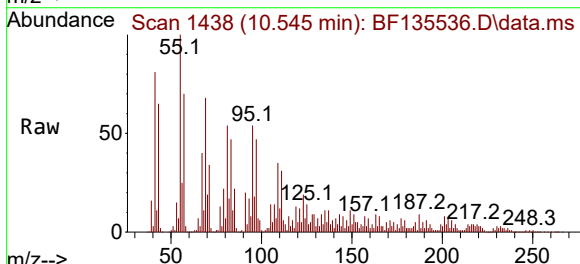
Instrument :
BNA_F
ClientSampleId :
RBR251354

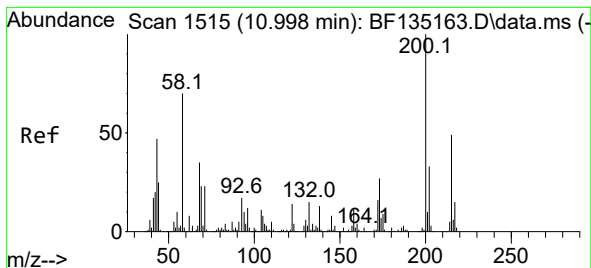
Tgt Ion:198 Resp: 12275
Ion Ratio Lower Upper
198 100
51 249.7 47.7 87.7#
105 1103.2 27.4 67.4#



#66
n-Nitrosodiphenylamine
Concen: 13.020 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.094 min
Lab File: BF135536.D
Acq: 02 Oct 2023 19:50

Tgt Ion:169 Resp: 32196
Ion Ratio Lower Upper
169 100
168 27.5 52.8 79.2#
167 63.9 29.0 43.6#





#69

Atrazine

Concen: 5.111 ng

RT: 11.057 min Scan# 1525

Delta R.T. 0.070 min

Lab File: BF135536.D

Acq: 02 Oct 2023 19:50

Instrument :

BNA_F

ClientSampleId :

RBR251354

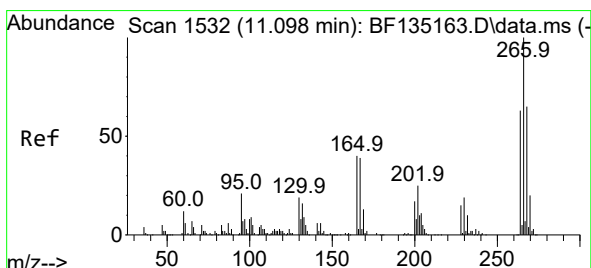
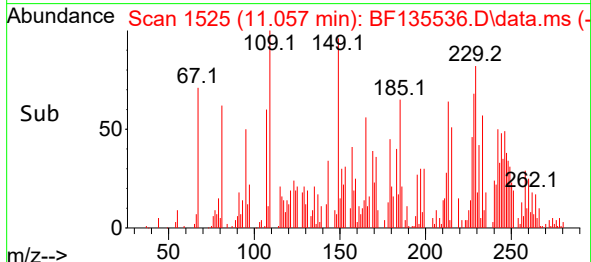
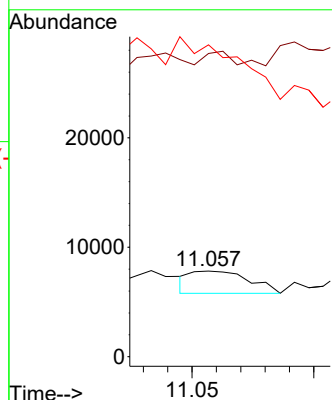
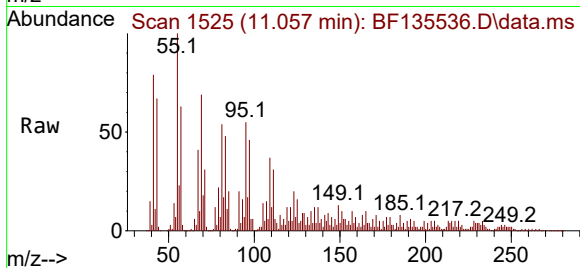
Tgt Ion:200 Resp: 3401

Ion Ratio Lower Upper

200 100

173 354.3 7.4 47.4#

215 364.3 28.6 68.6#



#70

Pentachlorophenol

Concen: 8.428 ng

RT: 11.157 min Scan# 1542

Delta R.T. 0.070 min

Lab File: BF135536.D

Acq: 02 Oct 2023 19:50

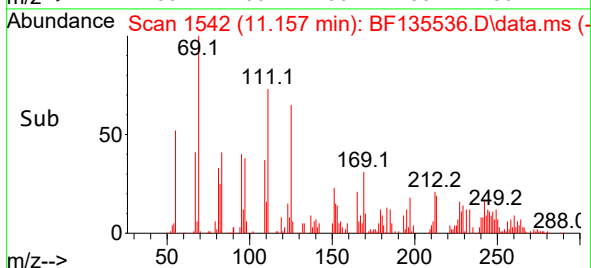
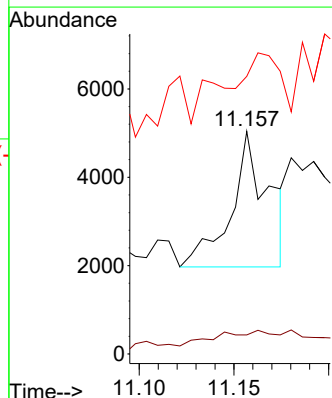
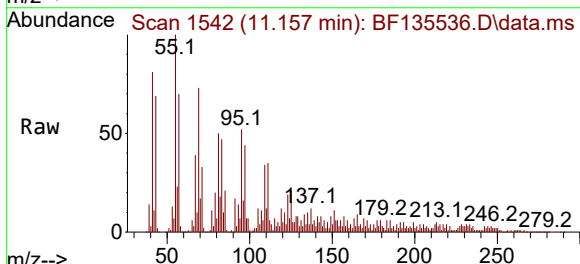
Tgt Ion:266 Resp: 4173

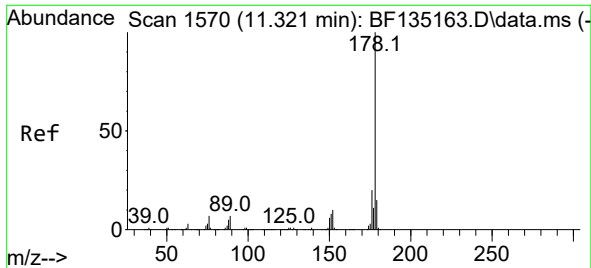
Ion Ratio Lower Upper

266 100

268 8.6 52.1 78.1#

264 124.7 50.8 76.2#

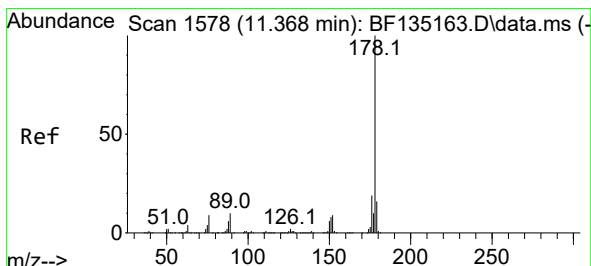
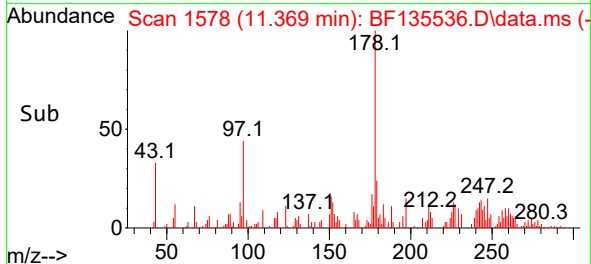
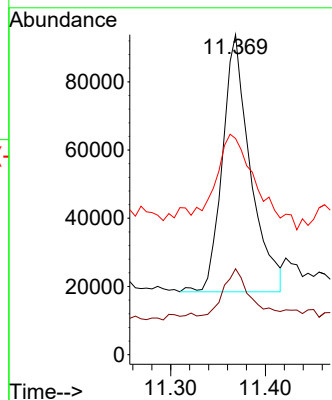
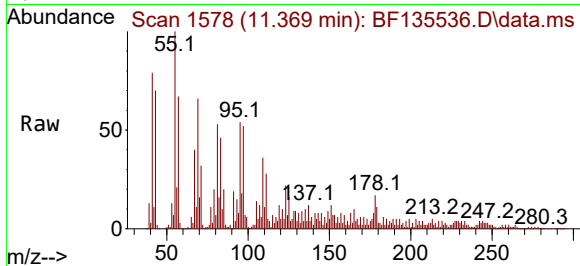




#71
Phenanthrene
Concen: 39.742 ng
RT: 11.369 min Scan# 1570
Delta R.T. 0.065 min
Lab File: BF135536.D
Acq: 02 Oct 2023 19:50

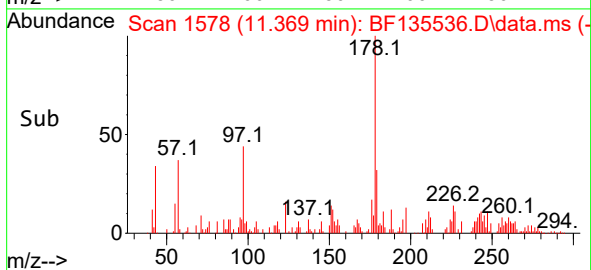
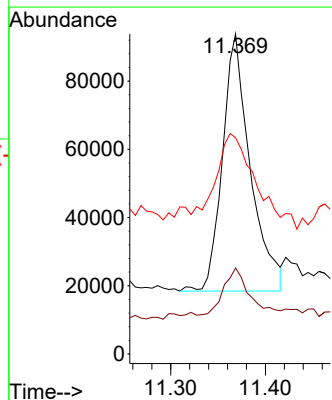
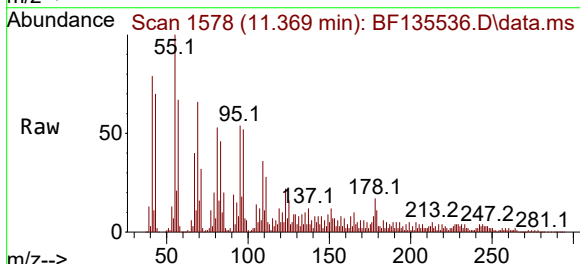
Instrument :
BNA_F
ClientSampleId :
RBR251354

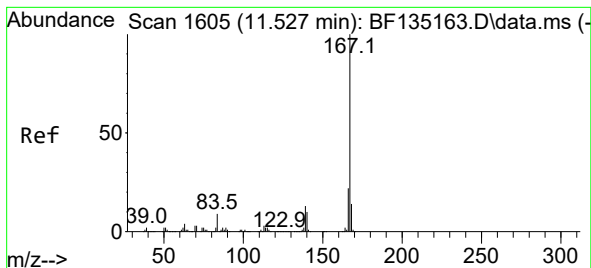
Tgt Ion:178 Resp: 153526
Ion Ratio Lower Upper
178 100
176 26.8 15.6 23.4#
179 67.5 12.0 18.0#



#72
Anthracene
Concen: 38.663 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.012 min
Lab File: BF135536.D
Acq: 02 Oct 2023 19:50

Tgt Ion:178 Resp: 153526
Ion Ratio Lower Upper
178 100
176 26.8 15.4 23.2#
179 67.5 12.6 19.0#





#73

Carbazole

Concen: 3.693 ng

RT: 11.563 min Scan# 1

Delta R.T. 0.047 min

Lab File: BF135536.D

Acq: 02 Oct 2023 19:50

Instrument :

BNA_F

ClientSampleId :

RBR251354

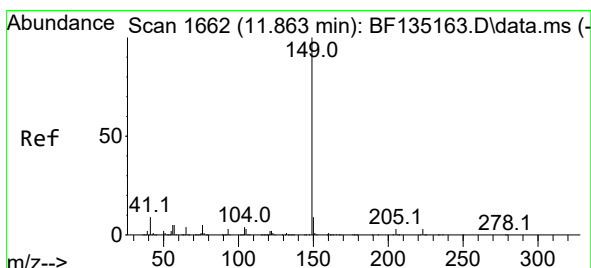
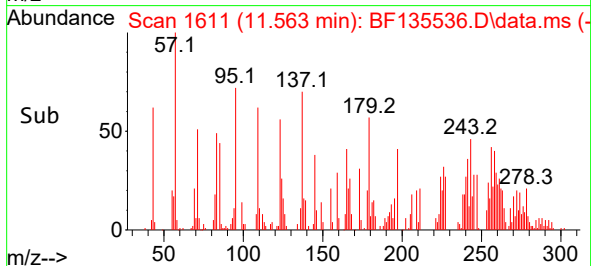
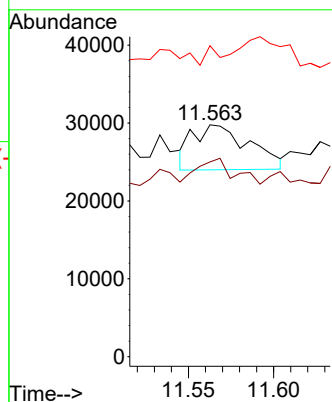
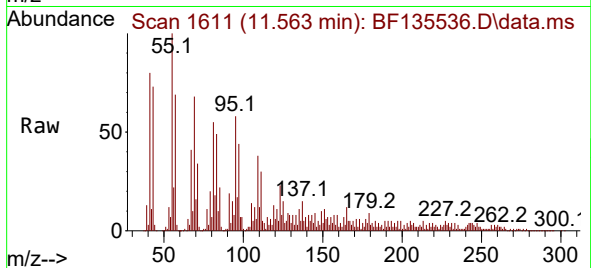
Tgt Ion:167 Resp: 13350

Ion Ratio Lower Upper

167 100

166 84.0 17.4 26.0#

139 134.1 10.6 15.8#



#74

Di-n-butylphthalate

Concen: 11.180 ng

RT: 11.916 min Scan# 1671

Delta R.T. 0.071 min

Lab File: BF135536.D

Acq: 02 Oct 2023 19:50

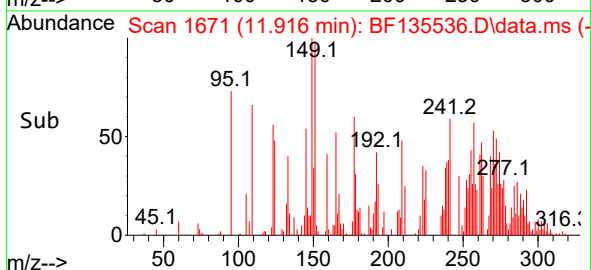
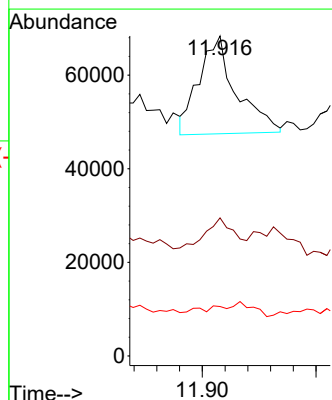
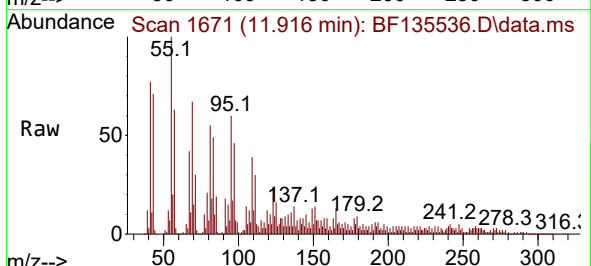
Tgt Ion:149 Resp: 47620

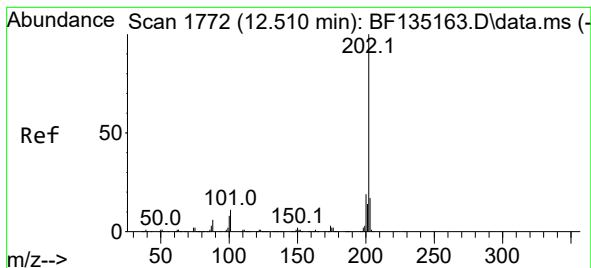
Ion Ratio Lower Upper

149 100

150 43.2 7.4 11.0#

104 15.5 3.6 5.4#





#75

Fluoranthene

Concen: 44.720 ng

RT: 12.586 min Scan# 11

Delta R.T. 0.088 min

Lab File: BF135536.D

Acq: 02 Oct 2023 19:50

Instrument :

BNA_F

ClientSampleId :

RBR251354

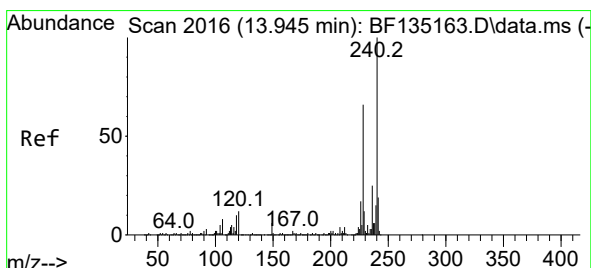
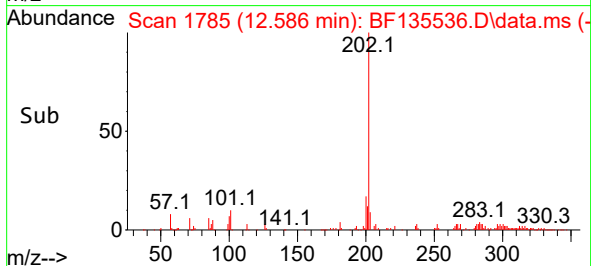
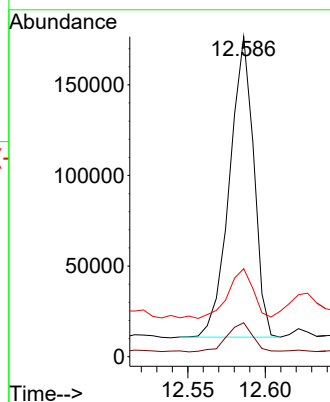
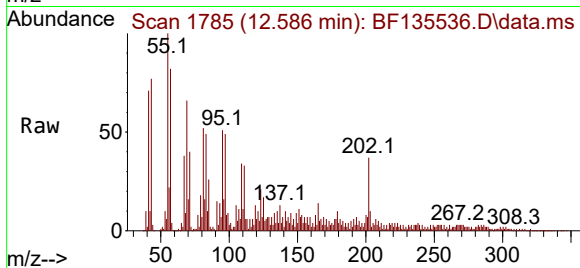
Tgt Ion:202 Resp: 180013

Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.3

203 27.5 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.035 min

Lab File: BF135536.D

Acq: 02 Oct 2023 19:50

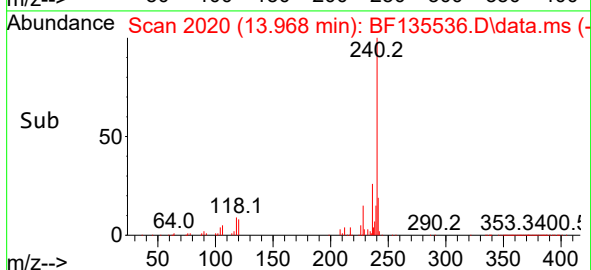
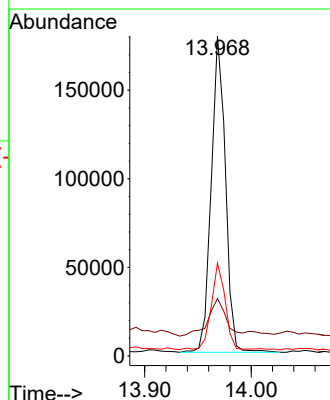
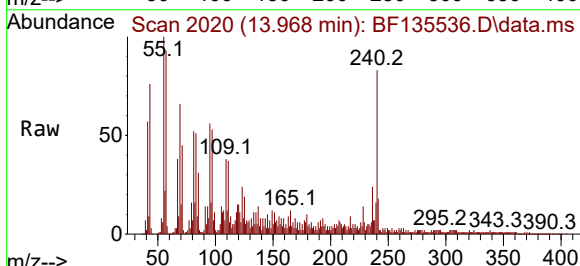
Tgt Ion:240 Resp: 165851

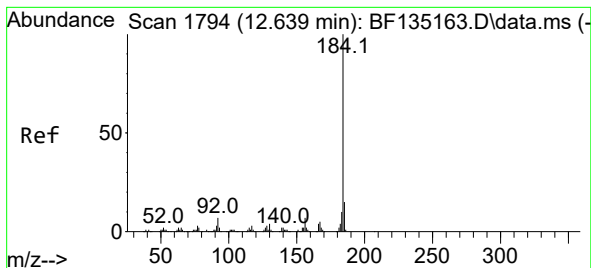
Ion Ratio Lower Upper

240 100

120 18.0 9.4 14.2#

236 29.1 19.8 29.8





#77

Benzidine

Concen: 2.885 ng

RT: 12.645 min Scan# 1

Delta R.T. 0.023 min

Lab File: BF135536.D

Acq: 02 Oct 2023 19:50

Instrument :

BNA_F

ClientSampleId :

RBR251354

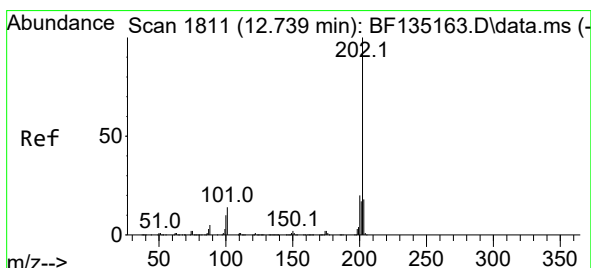
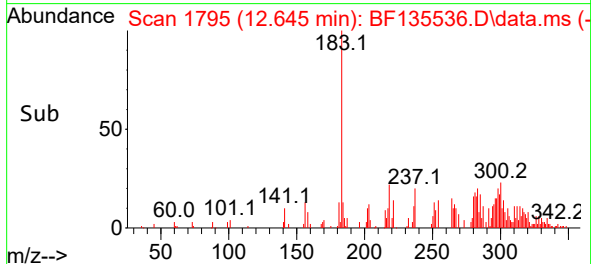
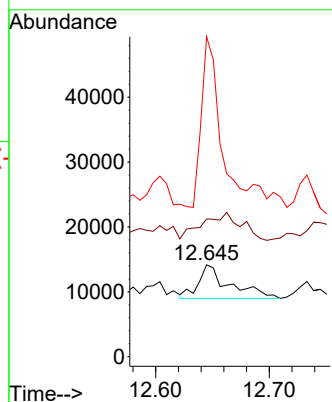
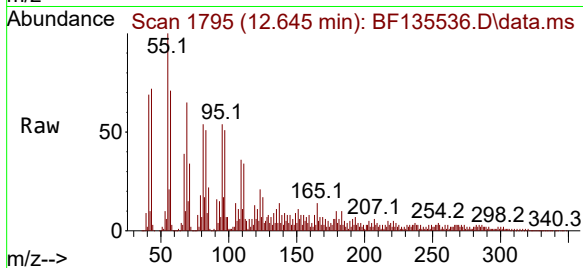
Tgt Ion:184 Resp: 9803

Ion Ratio Lower Upper

184 100

185 150.1 11.7 17.5#

183 348.5 8.2 12.4#



#78

Pyrene

Concen: 9.353 ng

RT: 12.810 min Scan# 1823

Delta R.T. 0.082 min

Lab File: BF135536.D

Acq: 02 Oct 2023 19:50

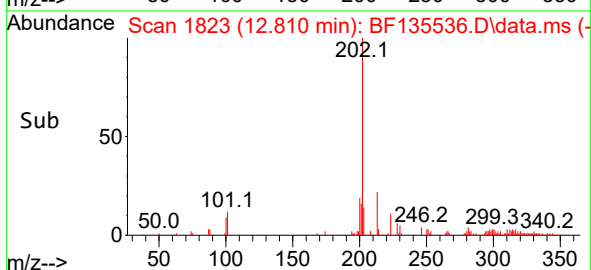
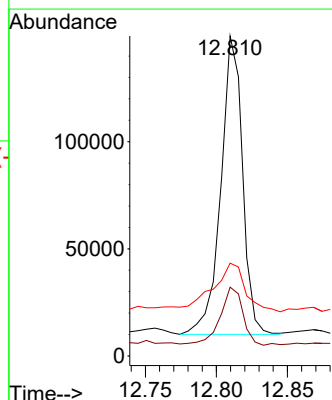
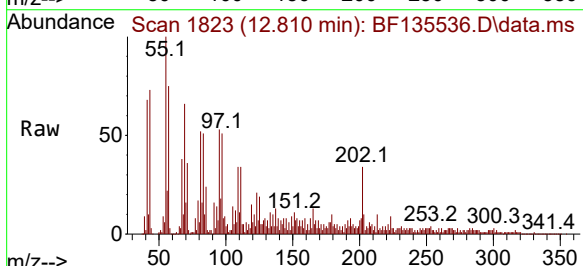
Tgt Ion:202 Resp: 147681

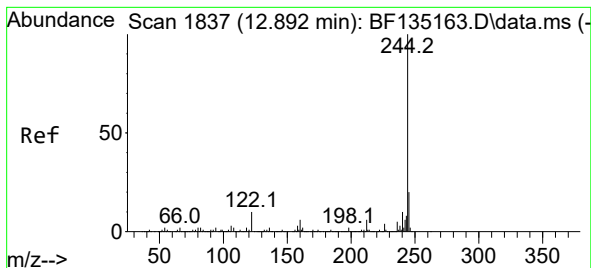
Ion Ratio Lower Upper

202 100

200 21.5 16.2 24.2

203 29.0 14.2 21.4#





#79

Terphenyl-d14

Concen: 31.330 ng

RT: 12.939 min Scan# 1845

Delta R.T. 0.065 min

Lab File: BF135536.D

Acq: 02 Oct 2023 19:50

Instrument :

BNA_F

ClientSampleId :

RBR251354

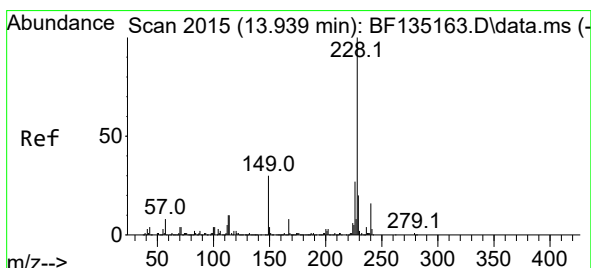
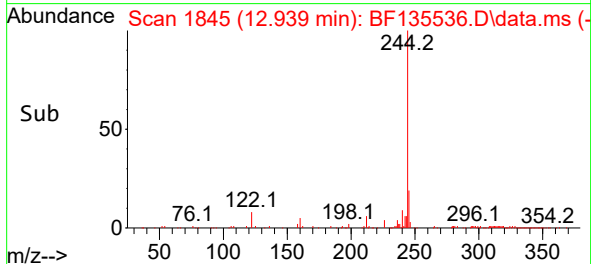
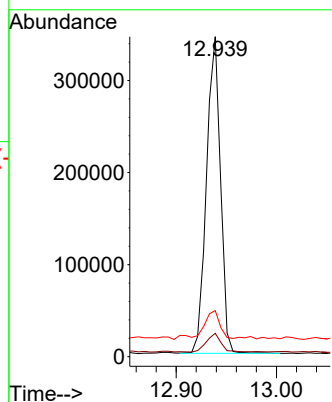
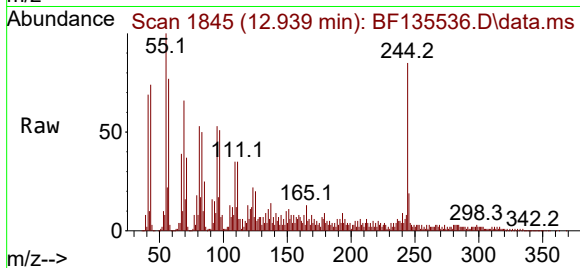
Tgt Ion:244 Resp: 335196

Ion Ratio Lower Upper

244 100

212 7.3 5.1 7.7

122 14.4 7.9 11.9#



#81

Benzo(a)anthracene

Concen: 7.717 ng

RT: 13.957 min Scan# 2018

Delta R.T. 0.035 min

Lab File: BF135536.D

Acq: 02 Oct 2023 19:50

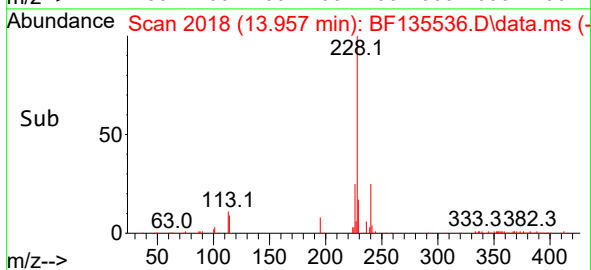
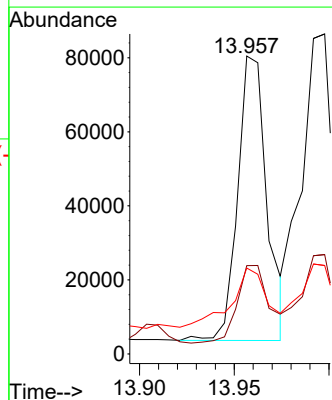
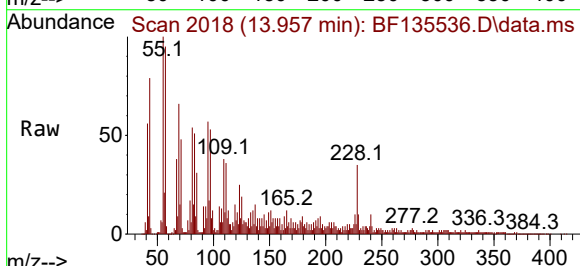
Tgt Ion:228 Resp: 82644

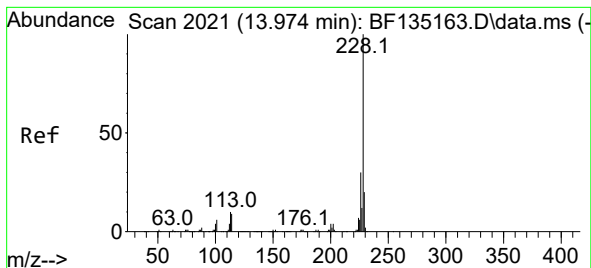
Ion Ratio Lower Upper

228 100

226 29.7 21.7 32.5

229 28.8 15.8 23.8#





#83

Chrysene

Concen: 9.066 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.035 min

Lab File: BF135536.D

Acq: 02 Oct 2023 19:50

Instrument :

BNA_F

ClientSampleId :

RBR251354

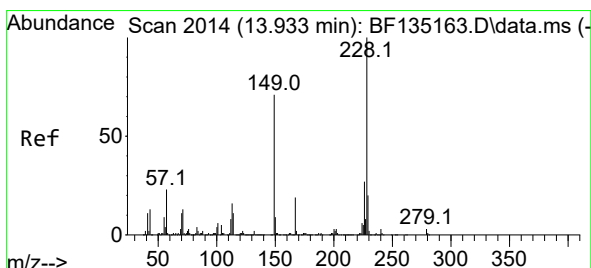
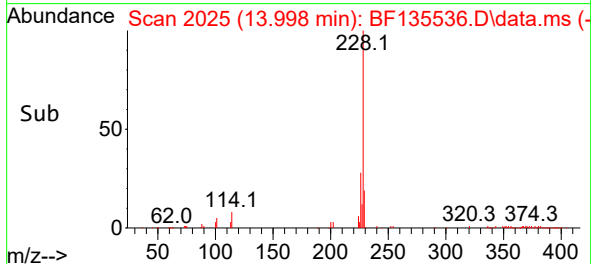
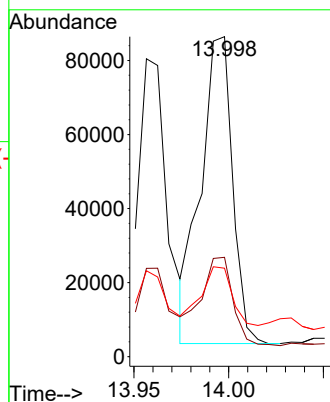
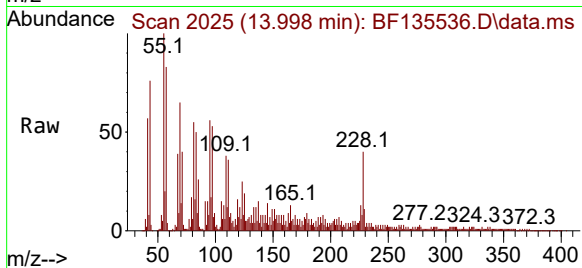
Tgt Ion:228 Resp: 96536

Ion Ratio Lower Upper

228 100

226 31.0 24.3 36.5

229 27.6 16.0 24.0#



#84

Bis(2-ethylhexyl)phthalate

Concen: 74.793 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.023 min

Lab File: BF135536.D

Acq: 02 Oct 2023 19:50

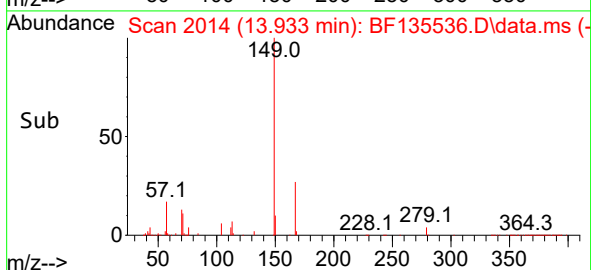
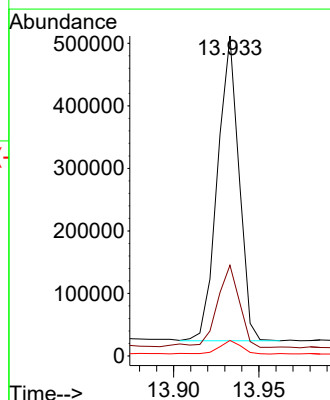
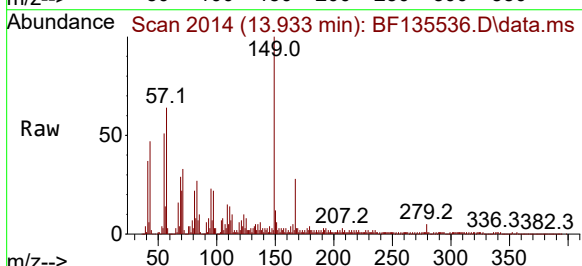
Tgt Ion:149 Resp: 426696

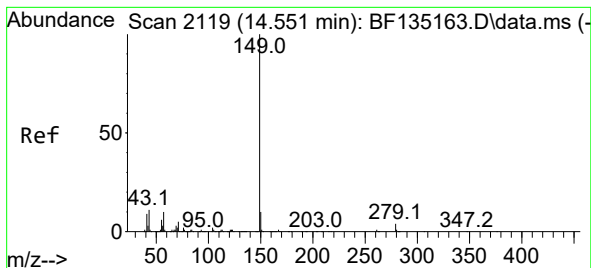
Ion Ratio Lower Upper

149 100

167 28.4 21.9 32.9

279 4.9 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 2.121 ng

RT: 14.574 min Scan# 2119

Delta R.T. 0.047 min

Lab File: BF135536.D

Acq: 02 Oct 2023 19:50

Instrument :

BNA_F

ClientSampleId :

RBR251354

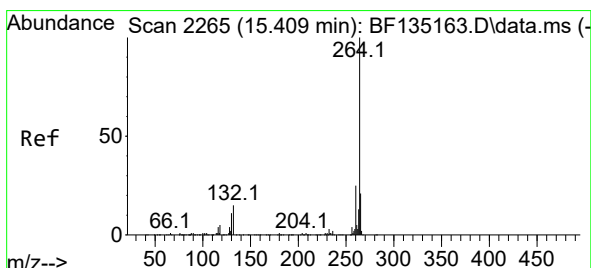
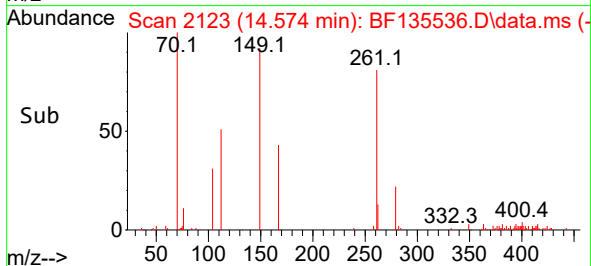
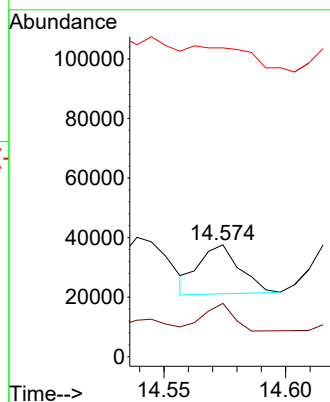
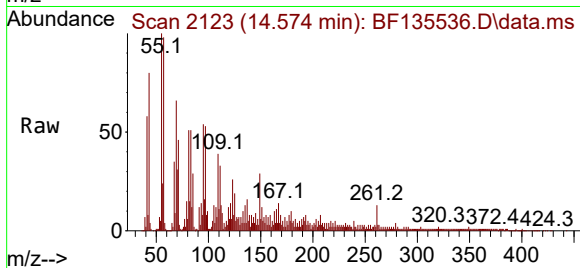
Tgt Ion:149 Resp: 19231

Ion Ratio Lower Upper

149 100

167 42.6 1.1 1.7#

43 0.0 9.8 14.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 2266

Delta R.T. 0.023 min

Lab File: BF135536.D

Acq: 02 Oct 2023 19:50

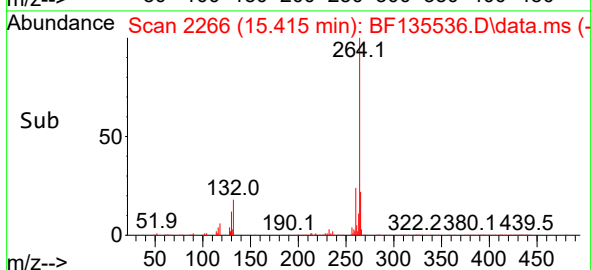
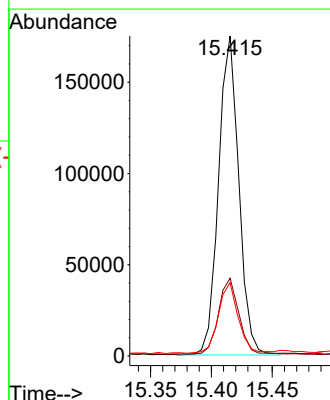
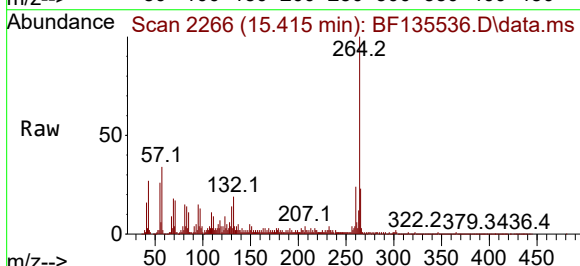
Tgt Ion:264 Resp: 202838

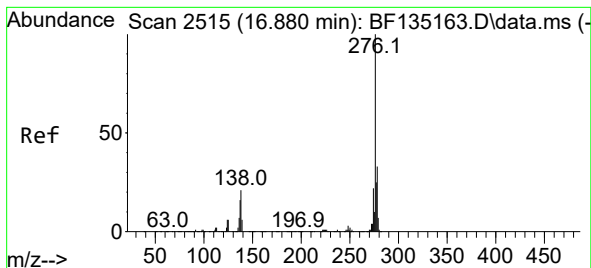
Ion Ratio Lower Upper

264 100

260 24.3 19.8 29.6

265 22.9 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.775 ng

RT: 16.892 min Scan# 2194

Delta R.T. 0.012 min

Lab File: BF135536.D

Acq: 02 Oct 2023 19:50

Instrument :

BNA_F

ClientSampleId :

RBR251354

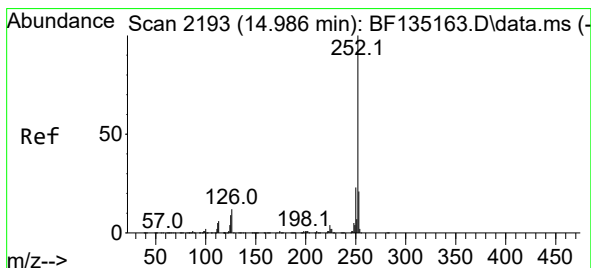
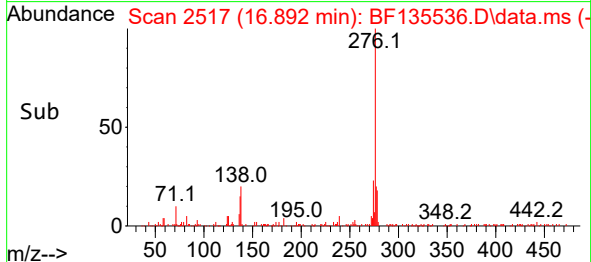
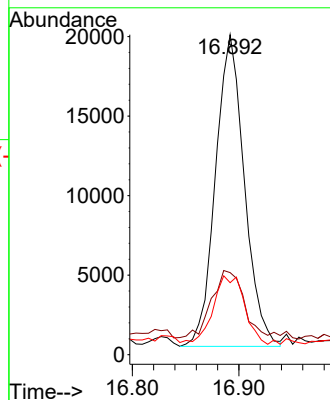
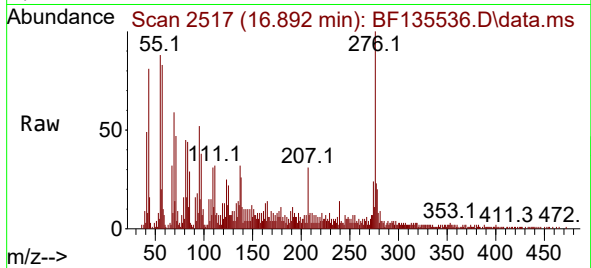
Tgt Ion:276 Resp: 36903

Ion Ratio Lower Upper

276 100

138 23.4 19.2 28.8

277 23.4 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 13.065 ng

RT: 14.992 min Scan# 2194

Delta R.T. 0.023 min

Lab File: BF135536.D

Acq: 02 Oct 2023 19:50

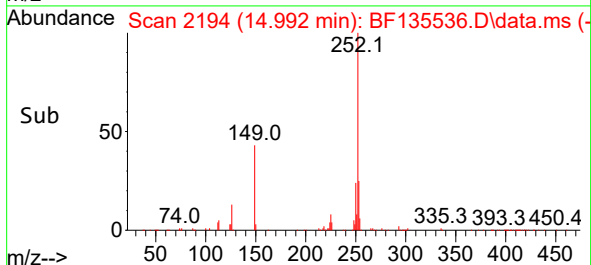
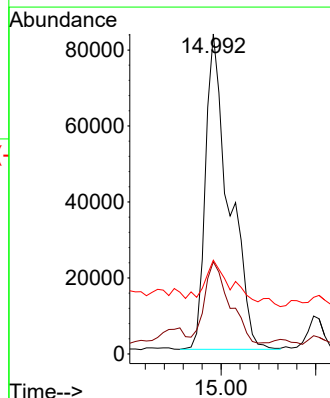
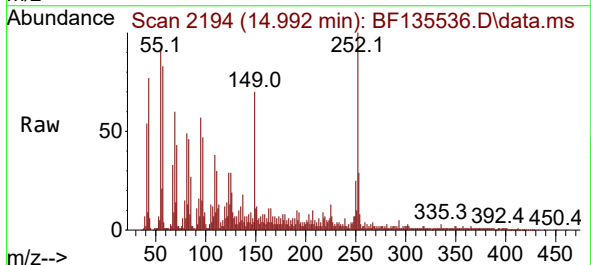
Tgt Ion:252 Resp: 143463

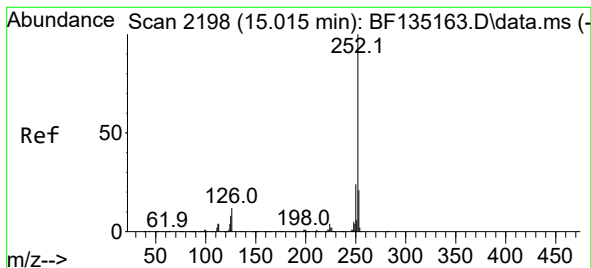
Ion Ratio Lower Upper

252 100

253 28.8 17.2 25.8#

125 29.3 7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 13.227 ng

RT: 14.992 min Scan# 2194

Delta R.T. -0.006 min

Lab File: BF135536.D

Acq: 02 Oct 2023 19:50

Instrument :

BNA_F

ClientSampleId :

RBR251354

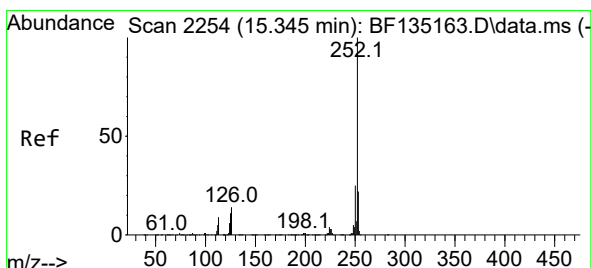
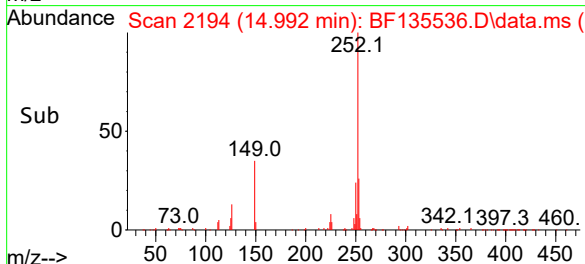
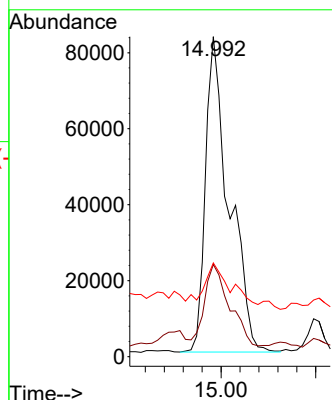
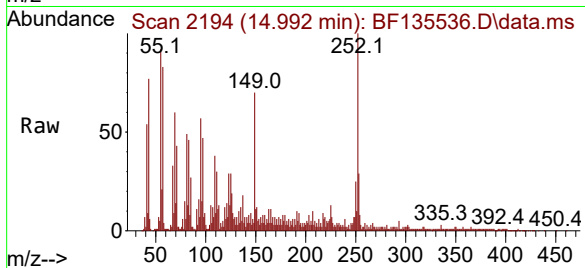
Tgt Ion:252 Resp: 143463

Ion Ratio Lower Upper

252 100

253 28.8 17.4 26.0#

125 29.3 7.2 10.8#



#90

Benzo(a)pyrene

Concen: 5.036 ng

RT: 15.356 min Scan# 2256

Delta R.T. 0.023 min

Lab File: BF135536.D

Acq: 02 Oct 2023 19:50

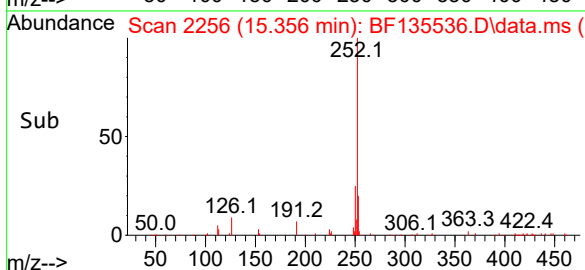
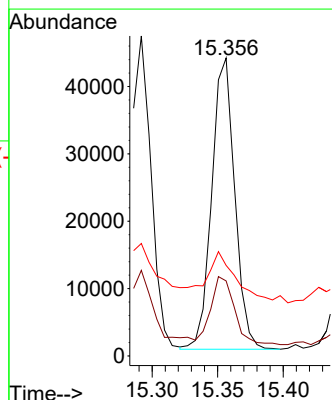
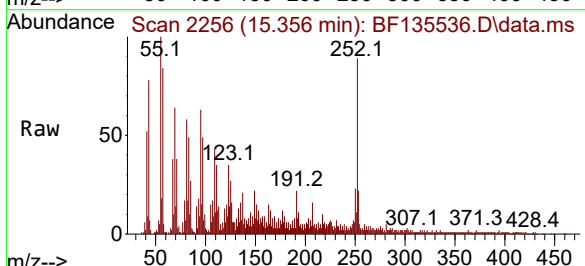
Tgt Ion:252 Resp: 52733

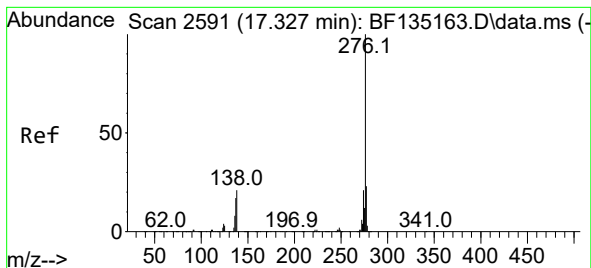
Ion Ratio Lower Upper

252 100

253 25.2 17.5 26.3

125 30.4 9.2 13.8#





#92

Benzo(g,h,i)perylene

Concen: 3.249 ng

RT: 17.339 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF135536.D

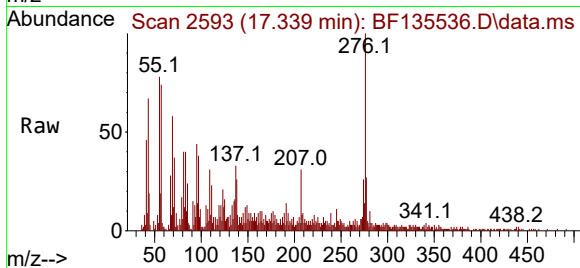
Acq: 02 Oct 2023 19:50

Instrument :

BNA_F

ClientSampleId :

RBR251354



Tgt Ion:276 Resp: 36928

Ion Ratio Lower Upper

276 100

277 27.3 18.8 28.2

138 25.6 16.9 25.3#

