

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
 Data File : BG059911.D
 Acq On : 27 Nov 2023 21:54
 Operator : MA/JU
 Sample : 05503-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 358

Quant Time: Nov 27 23:16:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 13:17:45 2023
 Response via : Initial Calibration

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

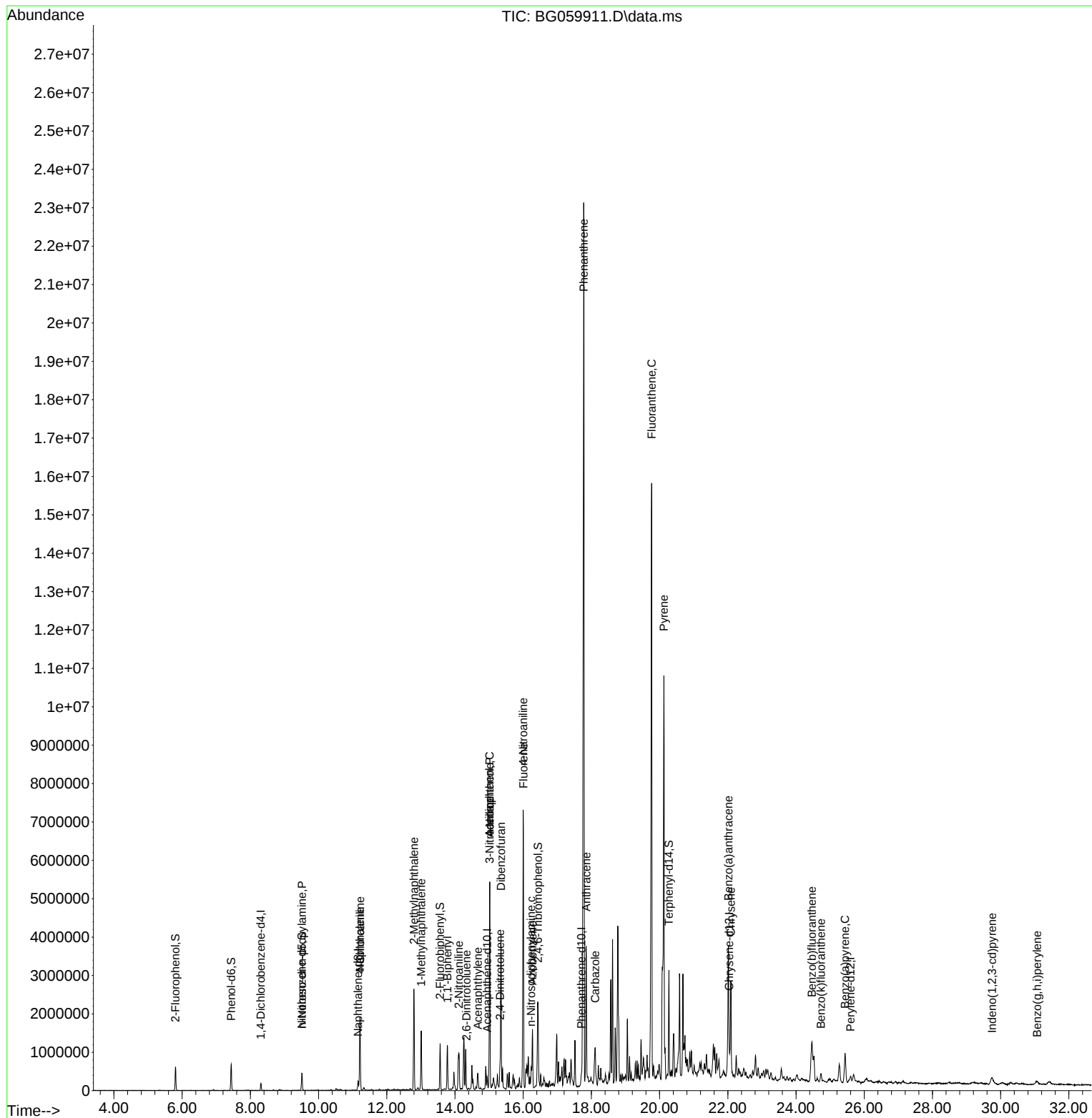
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.309	152	40936	20.000	ng	# 0.00
21) Naphthalene-d8	11.159	136	171391	20.000	ng	# 0.00
39) Acenaphthene-d10	14.943	164	99751	20.000	ng	0.00
64) Phenanthrene-d10	17.704	188	192849	20.000	ng	# 0.01
76) Chrysene-d12	22.034	240	175727	20.000	ng	# 0.02
86) Perylene-d12	25.601	264	192708	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.806	112	223792	92.015	ng	0.01
7) Phenol-d6	7.434	99	318604	88.399	ng	0.00
23) Nitrobenzene-d5	9.508	82	284700	63.441	ng	0.00
42) 2,4,6-Tribromophenol	16.435	330	124831	110.294	ng	0.00
45) 2-Fluorobiphenyl	13.562	172	544192	73.434	ng	0.00
79) Terphenyl-d14	20.272	244	752366	63.205	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.514	70	50221	17.694	ng	# 75
31) Naphthalene	11.212	128	1375972	159.658	ng	# 95
33) 4-Chloroaniline	11.218	127	185091	50.493	ng	# 33
37) 2-Methylnaphthalene	12.798	142	1006248	138.629	ng	84
38) 1-Methylnaphthalene	13.010	142	596725	89.146	ng	84
46) 1,1'-Biphenyl	13.779	154	326109	41.651	ng	90
48) 2-Nitroaniline	14.114	65	12808	6.668	ng	# 25
49) Acenaphthylene	14.672	152	200571	21.865	ng	97
51) 2,6-Dinitrotoluene	14.338	165	4747	3.237	ng	# 54
52) Acenaphthene	15.019	154	1699376	308.036	ng	95
53) 3-Nitroaniline	15.013	138	3582	2.087	ng	# 11
55) Dibenzofuran	15.348	168	1967652	216.325	ng	91
56) 4-Nitrophenol	15.019	139	33976	25.872	ng	# 1
57) 2,4-Dinitrotoluene	15.319	165	8979	3.981	ng	# 60
58) Fluorene	16.006	166	2903060	384.162	ng	94
62) 4-Nitroaniline	16.000	138	50644	29.439	ng	# 1
63) Azobenzene	16.271	77	30796	3.343	ng	# 1
66) n-Nitrosodiphenylamine	16.229	169	25049	4.446	ng	# 1
71) Phenanthrene	17.775	178	11059133	1127.922	ng	# 28
72) Anthracene	17.851	178	1845965	181.200	ng	# 95
73) Carbazole	18.110	167	378487	42.527	ng	97
75) Fluoranthene	19.766	202	8397503	714.173	ng	64
78) Pyrene	20.125	202	6288840	525.983	ng	# 69
81) Benzo(a)anthracene	22.017	228	2311471	192.243	ng	97
83) Chrysene	22.087	228	1595883	144.790	ng	92
87) Indeno(1,2,3-cd)pyrene	29.749	276	300876	20.634	ng	# 77
88) Benzo(b)fluoranthene	24.467	252	1390050	131.606	ng	100
89) Benzo(k)fluoranthene	24.731	252	226573	21.698	ng	95
90) Benzo(a)pyrene	25.436	252	856845	76.013	ng	# 100
92) Benzo(g,h,i)perylene	31.071	276	221850	18.952	ng	99

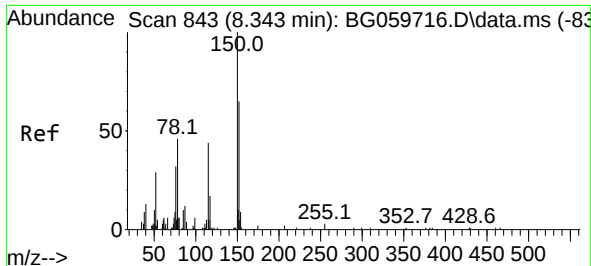
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
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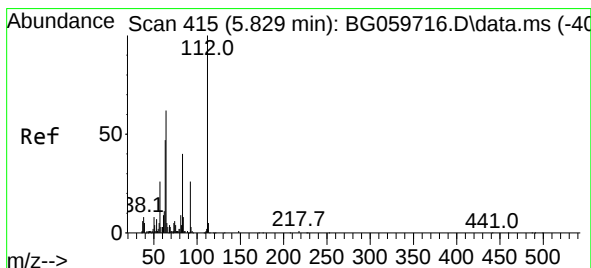
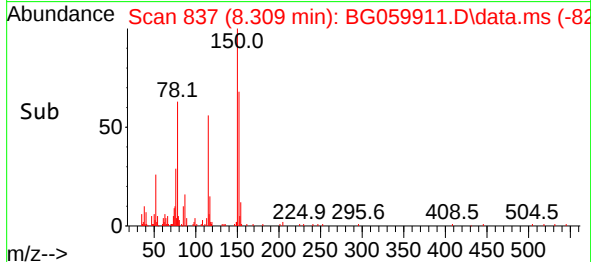
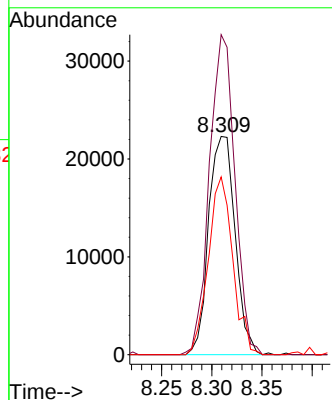
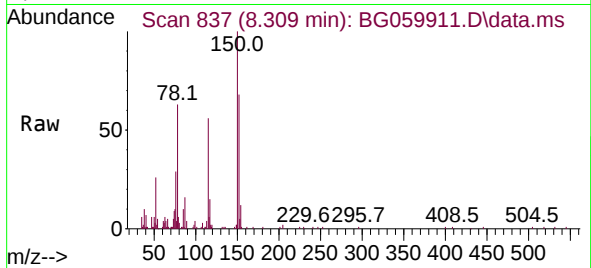




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.309 min Scan# 81
 Delta R.T. -0.002 min
 Lab File: BG059911.D
 Acq: 27 Nov 2023 21:54

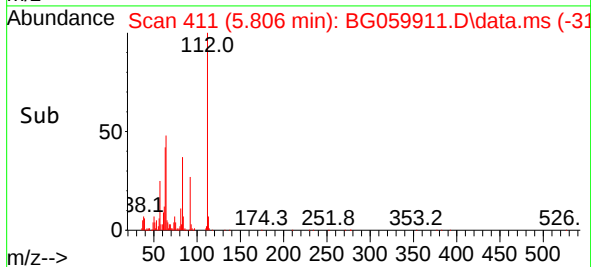
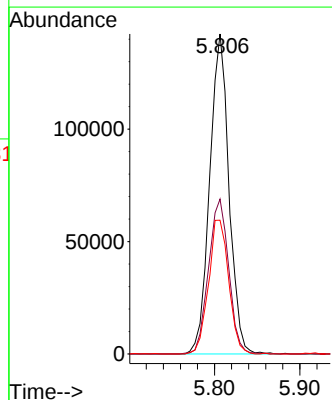
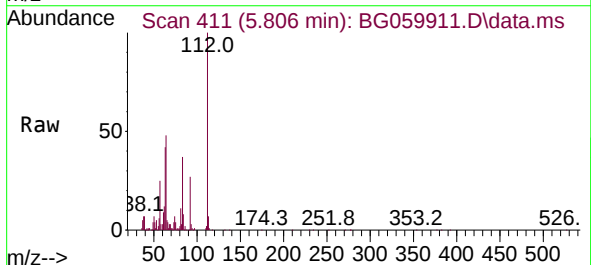
Instrument :
 BNA_G
 ClientSampleId :
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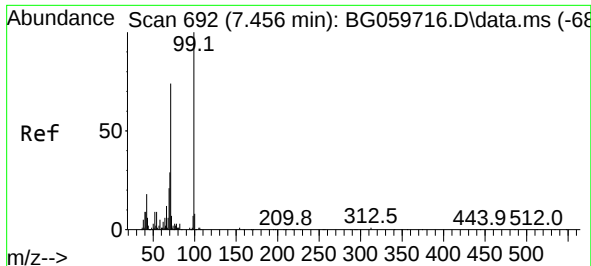
Tgt Ion:152 Resp: 40936
 Ion Ratio Lower Upper
 152 100
 150 146.6 122.2 183.4
 115 81.5 54.2 81.4#



#5
 2-Fluorophenol
 Concen: 92.015 ng
 RT: 5.806 min Scan# 411
 Delta R.T. 0.010 min
 Lab File: BG059911.D
 Acq: 27 Nov 2023 21:54

Tgt Ion:112 Resp: 223792
 Ion Ratio Lower Upper
 112 100
 64 48.4 49.5 74.3#
 63 41.8 37.4 56.2

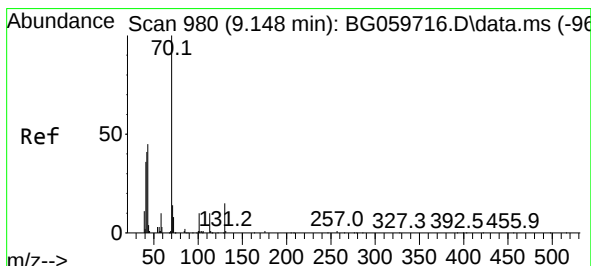
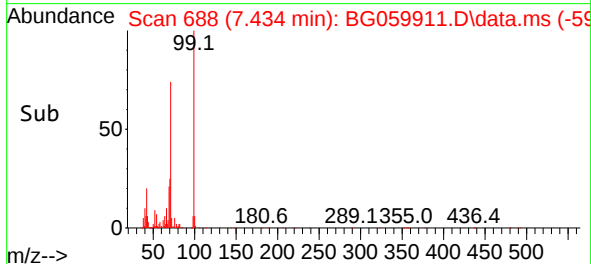
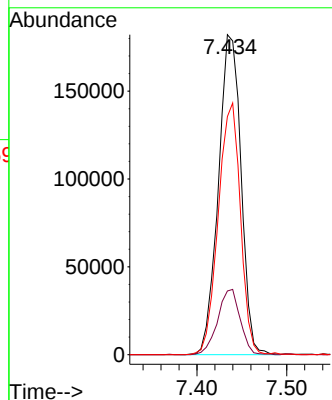
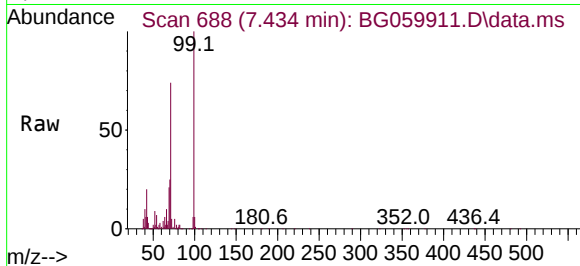




#7
Phenol-d6
Concen: 88.399 ng
RT: 7.434 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG059911.D
Acq: 27 Nov 2023 21:54

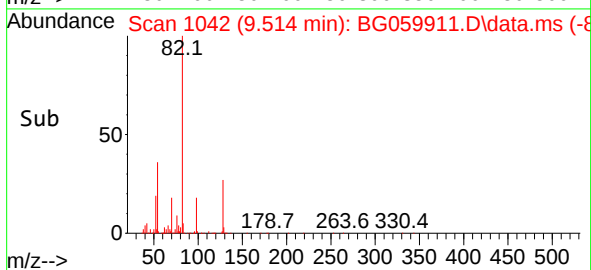
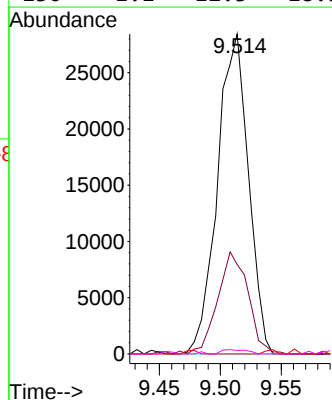
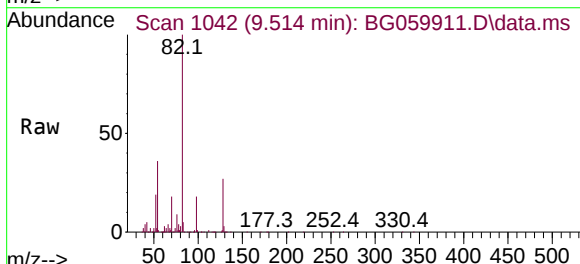
Instrument :
BNA_G
ClientSampleId :
358

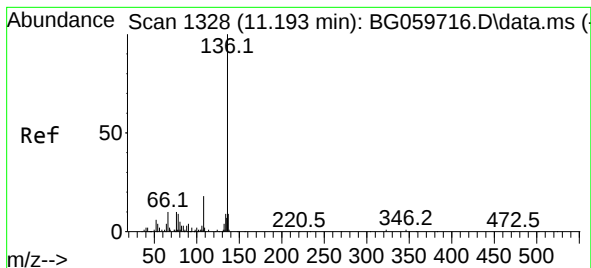
Tgt Ion: 99 Resp: 318604
Ion Ratio Lower Upper
99 100
42 19.9 14.3 21.5
71 74.4 59.3 88.9



#19
n-Nitroso-di-n-propylamine
Concen: 17.694 ng
RT: 9.514 min Scan# 1042
Delta R.T. 0.404 min
Lab File: BG059911.D
Acq: 27 Nov 2023 21:54

Tgt Ion: 70 Resp: 50221
Ion Ratio Lower Upper
70 100
42 28.0 32.8 49.2#
101 0.0 7.7 11.5#
130 1.1 12.3 18.5#

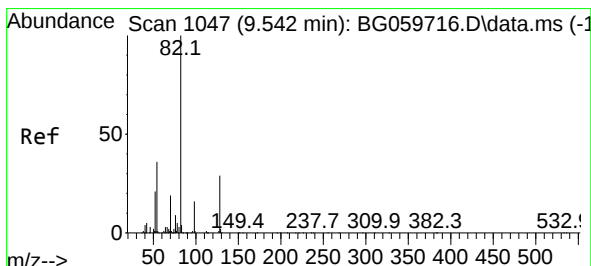
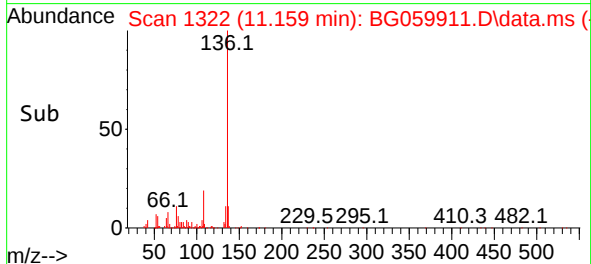
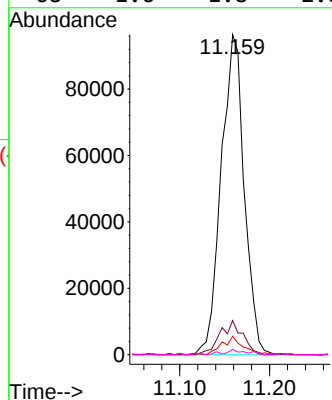
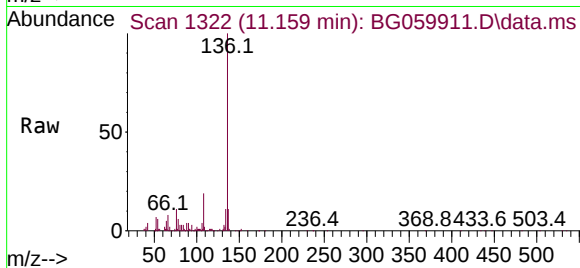




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.159 min Scan# 111
Delta R.T. 0.004 min
Lab File: BG059911.D
Acq: 27 Nov 2023 21:54

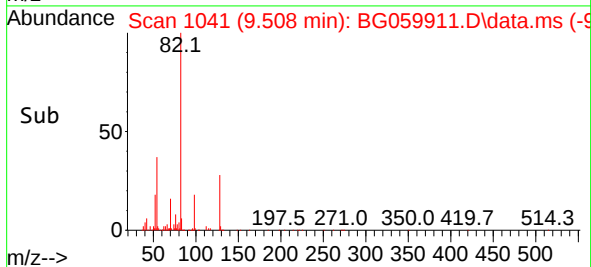
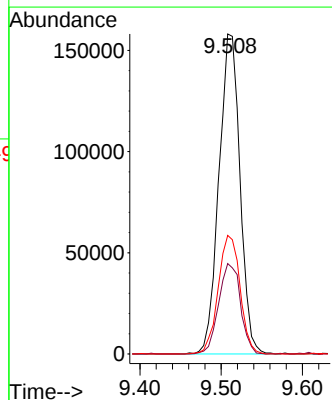
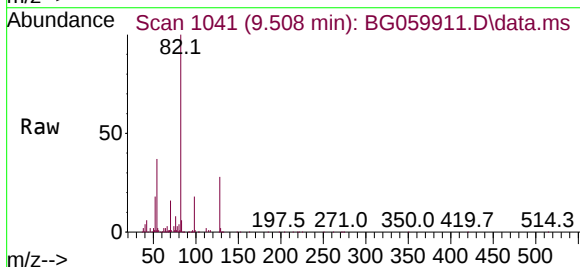
Instrument :
BNA_G
ClientSampleId :
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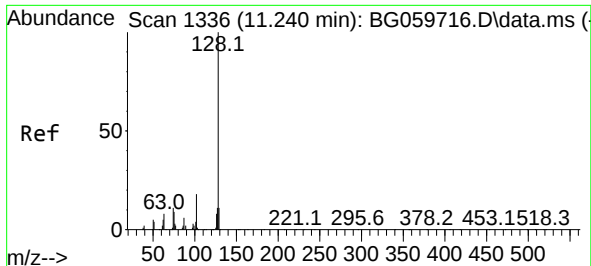
Tgt Ion:136 Resp: 171391
Ion Ratio Lower Upper
136 100
137 10.7 7.4 11.0
54 5.8 3.1 4.7#
68 1.6 1.8 2.8#



#23
Nitrobenzene-d5
Concen: 63.441 ng
RT: 9.508 min Scan# 1041
Delta R.T. -0.002 min
Lab File: BG059911.D
Acq: 27 Nov 2023 21:54

Tgt Ion: 82 Resp: 284700
Ion Ratio Lower Upper
82 100
128 28.2 23.0 34.6
54 37.0 28.7 43.1

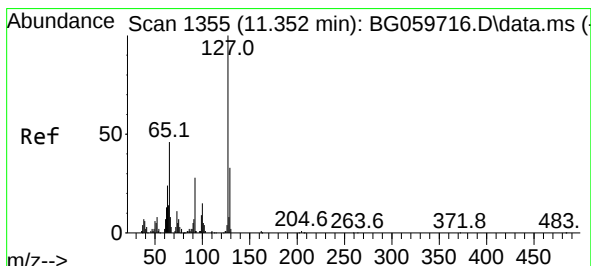
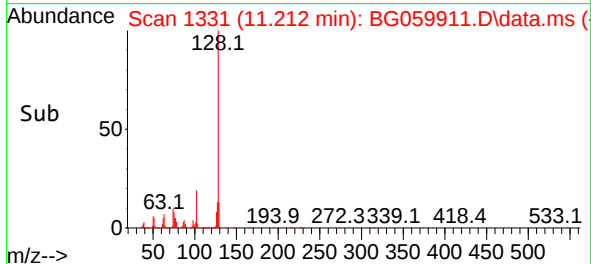
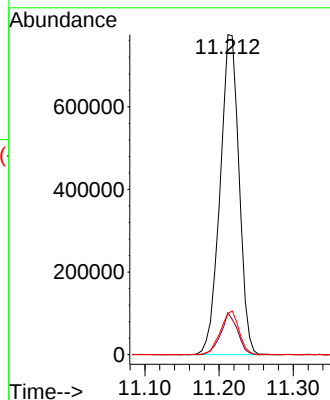
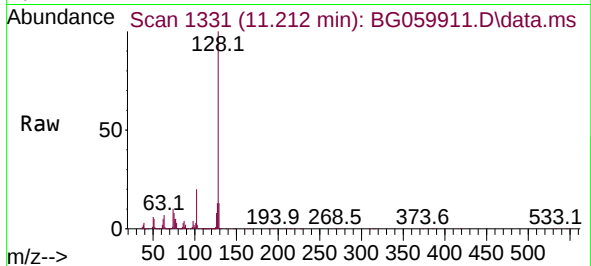




#31
Naphthalene
Concen: 159.658 ng
RT: 11.212 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG059911.D
Acq: 27 Nov 2023 21:54

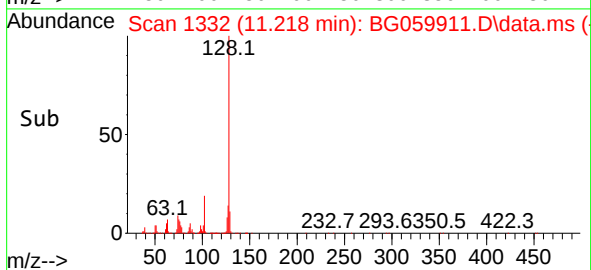
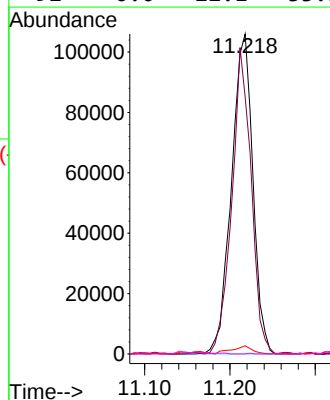
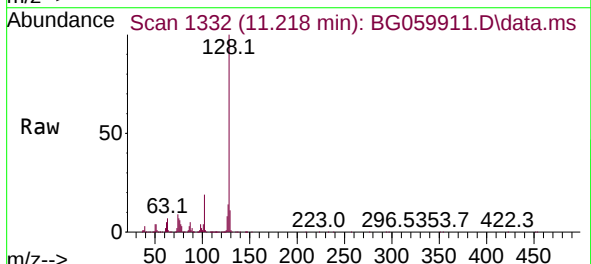
Instrument :
BNA_G
ClientSampleId :
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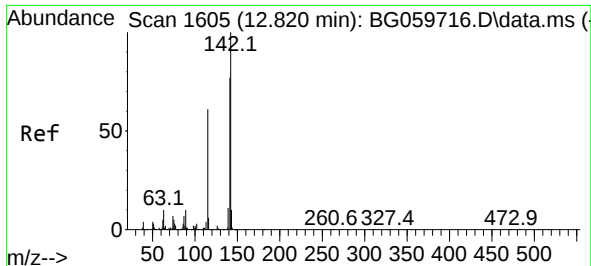
Tgt Ion:128 Resp: 1375972
Ion Ratio Lower Upper
128 100
129 13.1 8.7 13.1#
127 12.8 9.2 13.8



#33
4-Chloroaniline
Concen: 50.493 ng
RT: 11.218 min Scan# 1332
Delta R.T. -0.107 min
Lab File: BG059911.D
Acq: 27 Nov 2023 21:54

Tgt Ion:127 Resp: 185091
Ion Ratio Lower Upper
127 100
129 80.3 26.8 40.2#
65 2.6 36.5 54.7#
92 0.0 22.1 33.1#

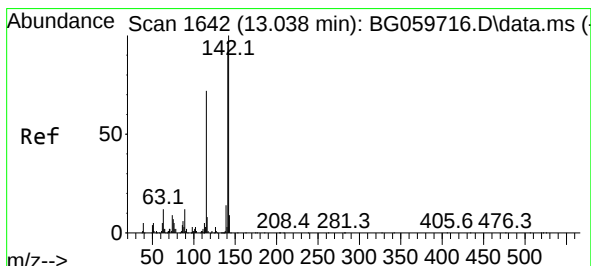
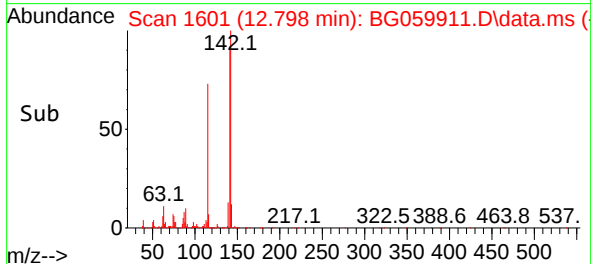
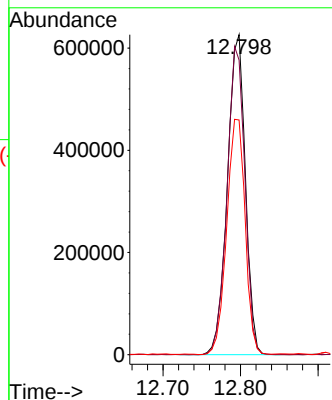
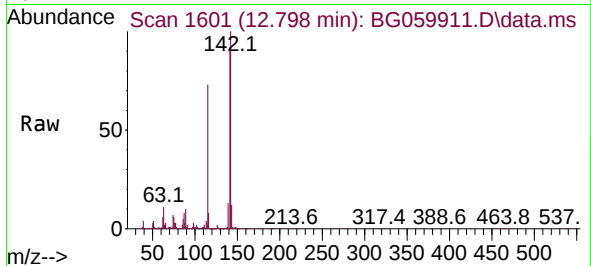




#37
2-Methylnaphthalene
Concen: 138.629 ng
RT: 12.798 min Scan# 1
Delta R.T. 0.010 min
Lab File: BG059911.D
Acq: 27 Nov 2023 21:54

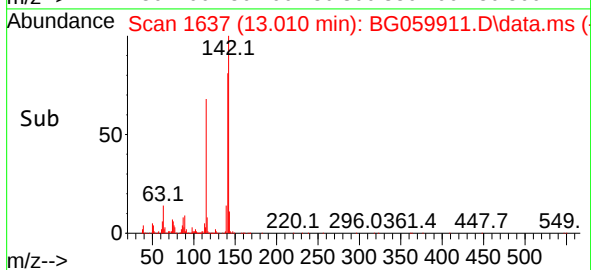
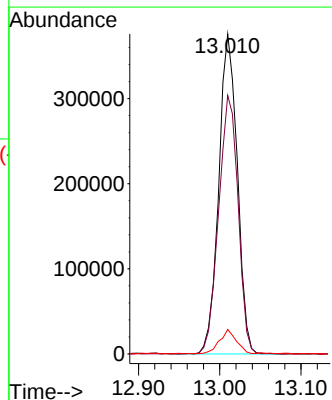
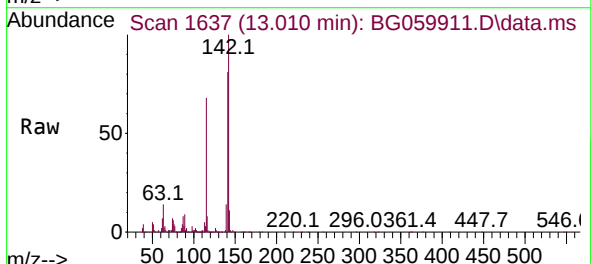
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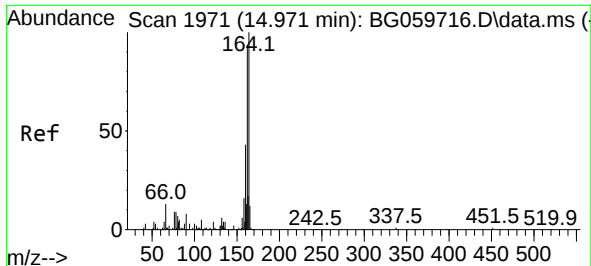
Tgt Ion:142 Resp: 1006248
Ion Ratio Lower Upper
142 100
141 92.1 61.9 92.9
115 73.4 49.0 73.4



#38
1-Methylnaphthalene
Concen: 89.146 ng
RT: 13.010 min Scan# 1637
Delta R.T. 0.004 min
Lab File: BG059911.D
Acq: 27 Nov 2023 21:54

Tgt Ion:142 Resp: 596725
Ion Ratio Lower Upper
142 100
141 80.8 77.8 116.8
116 7.7 6.2 9.2

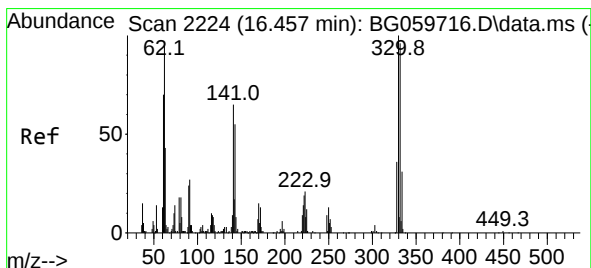
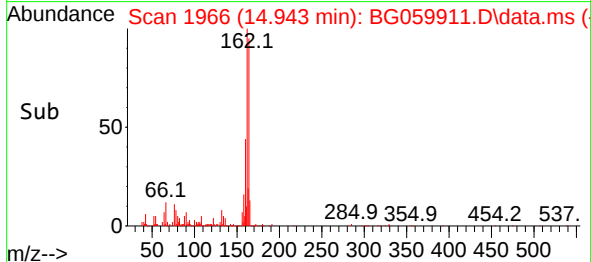
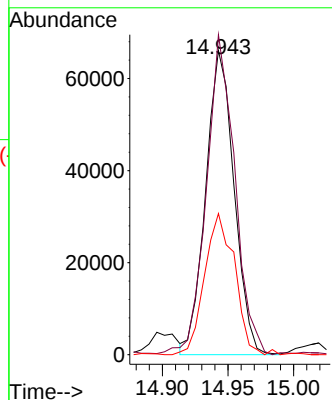
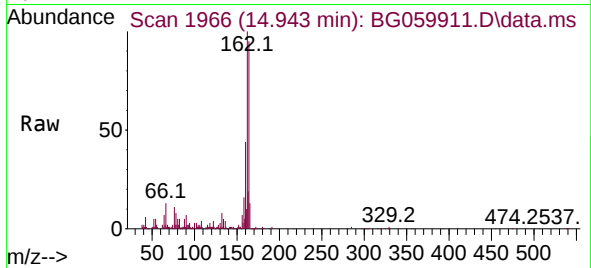




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.943 min Scan# 1971
Delta R.T. -0.002 min
Lab File: BG059911.D
Acq: 27 Nov 2023 21:54

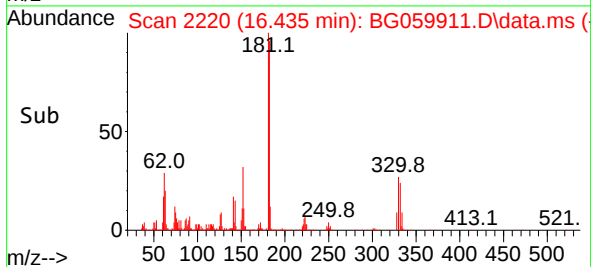
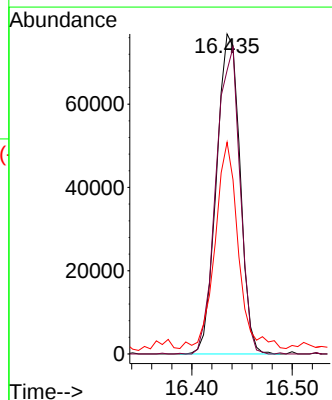
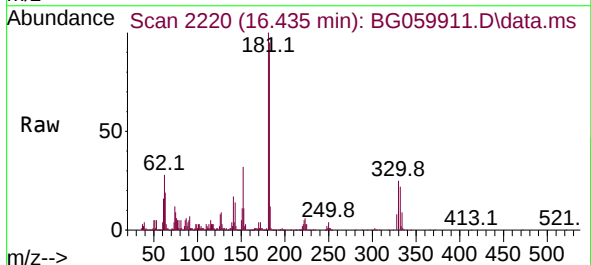
Instrument :
BNA_G
ClientSampleId :
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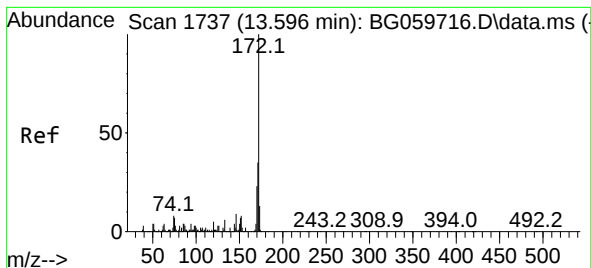
Tgt Ion:164 Resp: 99751
Ion Ratio Lower Upper
164 100
162 105.2 73.3 109.9
160 46.4 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 110.294 ng
RT: 16.435 min Scan# 2220
Delta R.T. 0.004 min
Lab File: BG059911.D
Acq: 27 Nov 2023 21:54

Tgt Ion:330 Resp: 124831
Ion Ratio Lower Upper
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332 97.2 73.3 109.9
141 65.9 52.1 78.1

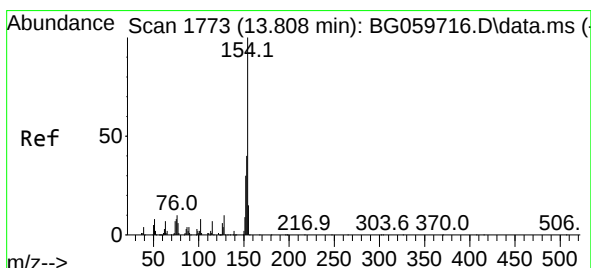
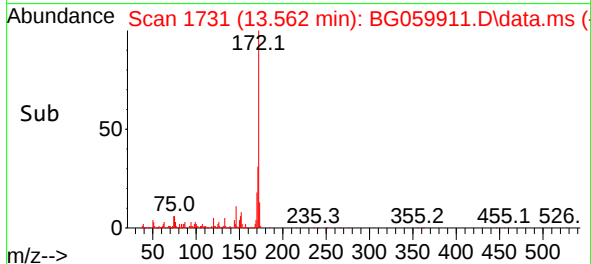
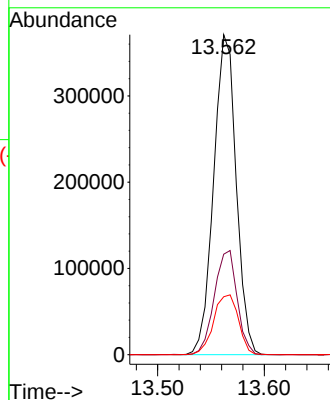
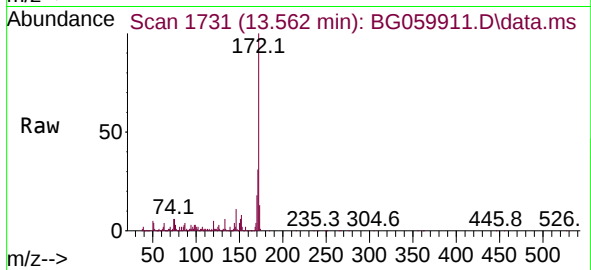




#45
2-Fluorobiphenyl
Concen: 73.434 ng
RT: 13.562 min Scan# 1768
Delta R.T. -0.002 min
Lab File: BG059911.D
Acq: 27 Nov 2023 21:54

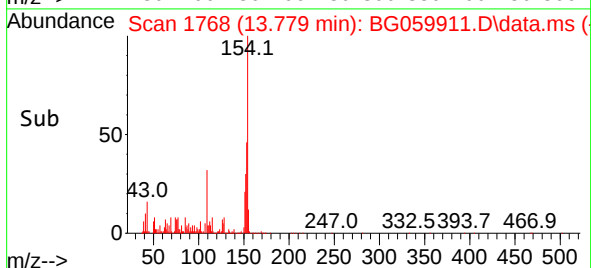
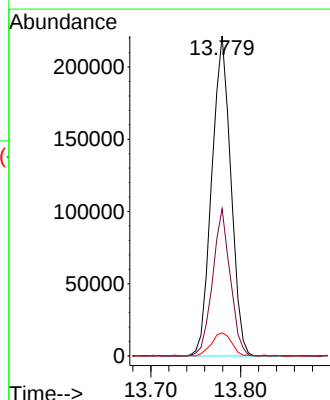
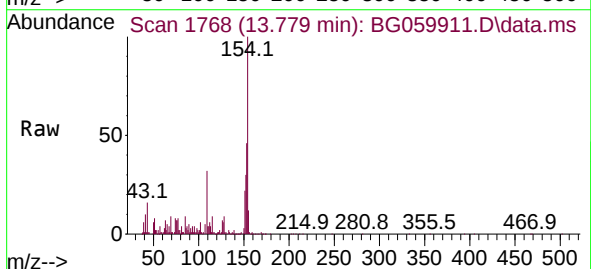
Instrument :
BNA_G
ClientSampleId :
358

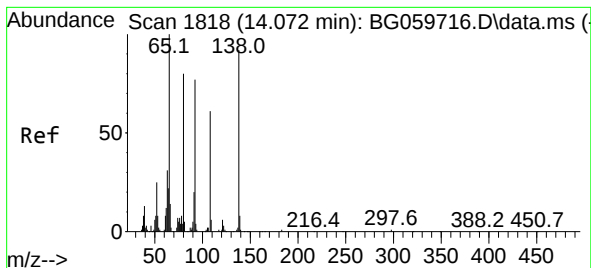
Tgt Ion:172 Resp: 544192
Ion Ratio Lower Upper
172 100
171 31.4 27.7 41.5
170 18.1 18.4 27.6#



#46
1,1'-Biphenyl
Concen: 41.651 ng
RT: 13.779 min Scan# 1768
Delta R.T. -0.002 min
Lab File: BG059911.D
Acq: 27 Nov 2023 21:54

Tgt Ion:154 Resp: 326109
Ion Ratio Lower Upper
154 100
153 46.0 19.7 59.7
76 7.3 0.0 30.4





#48

2-Nitroaniline

Concen: 6.668 ng

RT: 14.114 min Scan# 1

Delta R.T. 0.063 min

Lab File: BG059911.D

Acq: 27 Nov 2023 21:54

Instrument :

BNA_G

ClientSampleId :

358

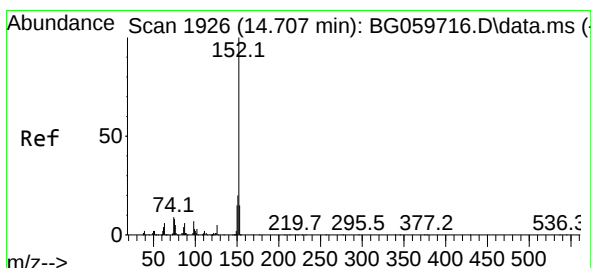
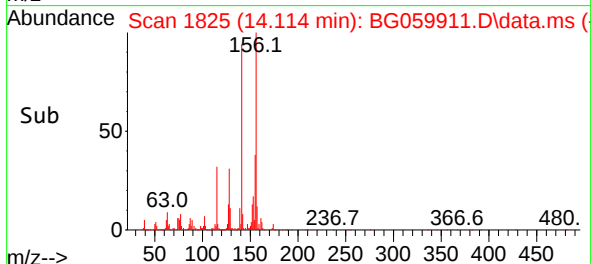
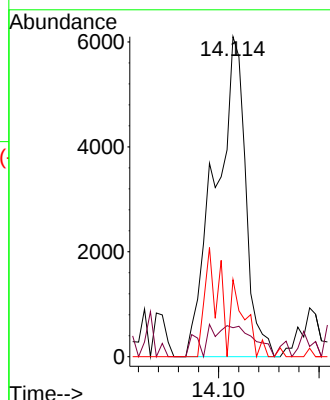
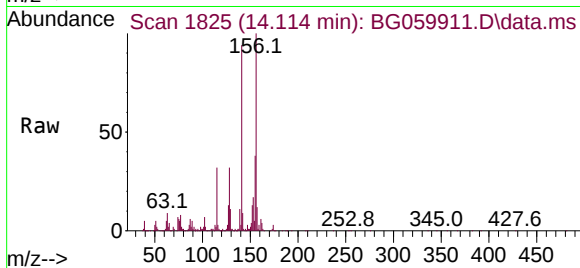
Tgt Ion: 65 Resp: 12808

Ion Ratio Lower Upper

65 100

92 9.0 61.2 91.8#

138 24.1 73.8 110.6#



#49

Acenaphthylene

Concen: 21.865 ng

RT: 14.672 min Scan# 1920

Delta R.T. -0.002 min

Lab File: BG059911.D

Acq: 27 Nov 2023 21:54

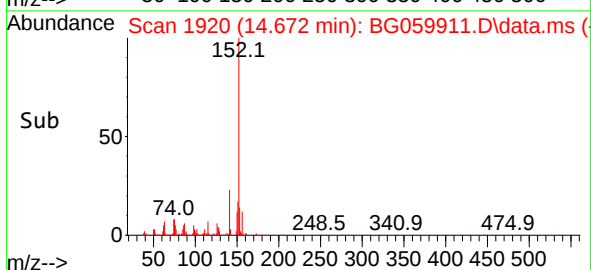
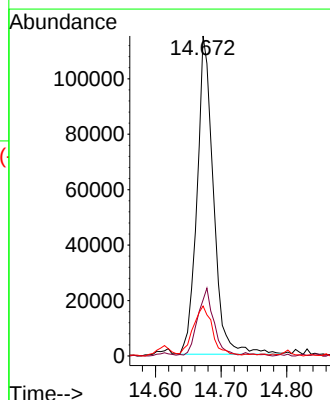
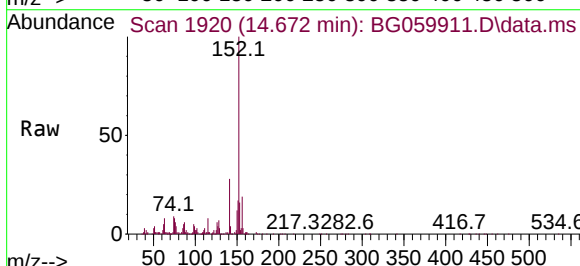
Tgt Ion:152 Resp: 200571

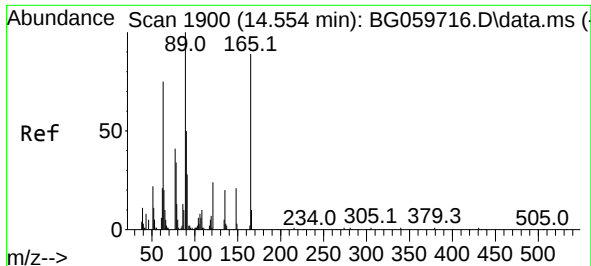
Ion Ratio Lower Upper

152 100

151 17.5 15.8 23.8

153 15.6 12.2 18.4

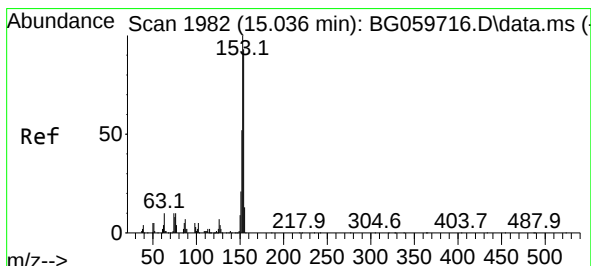
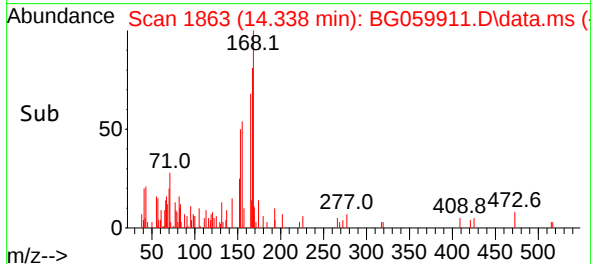
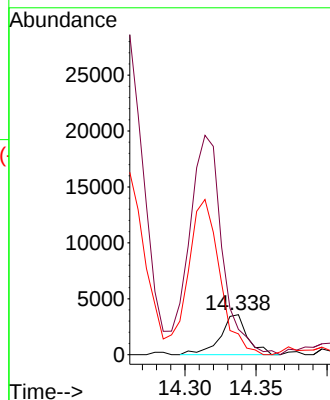
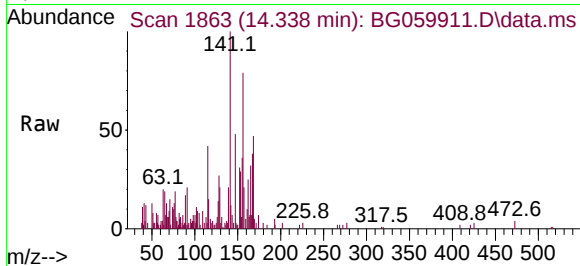




#51
2,6-Dinitrotoluene
Concen: 3.237 ng
RT: 14.338 min Scan# 11
Delta R.T. -0.190 min
Lab File: BG059911.D
Acq: 27 Nov 2023 21:54

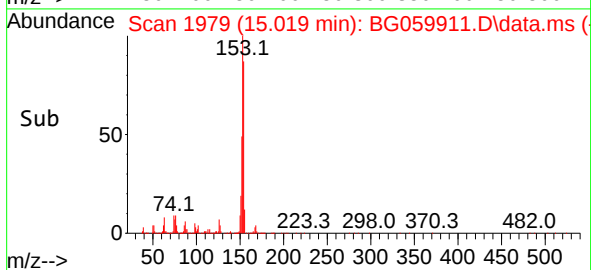
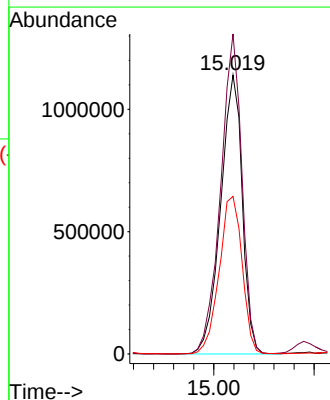
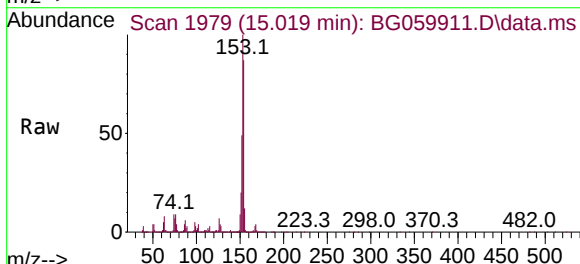
Instrument :
BNA_G
ClientSampleId :
358

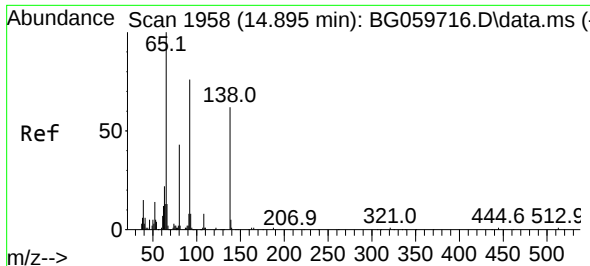
Tgt Ion:165 Resp: 4747
Ion Ratio Lower Upper
165 100
63 63.1 75.3 112.9#
89 52.1 90.9 136.3#



#52
Acenaphthene
Concen: 308.036 ng
RT: 15.019 min Scan# 1979
Delta R.T. 0.010 min
Lab File: BG059911.D
Acq: 27 Nov 2023 21:54

Tgt Ion:154 Resp: 1699376
Ion Ratio Lower Upper
154 100
153 114.7 85.8 128.8
152 56.5 44.4 66.6

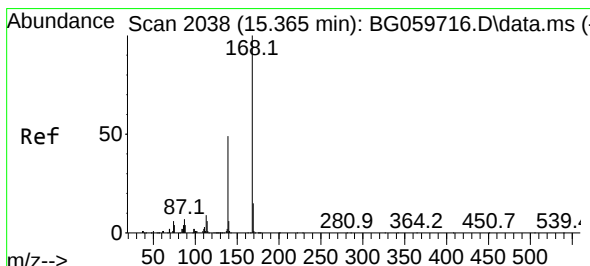
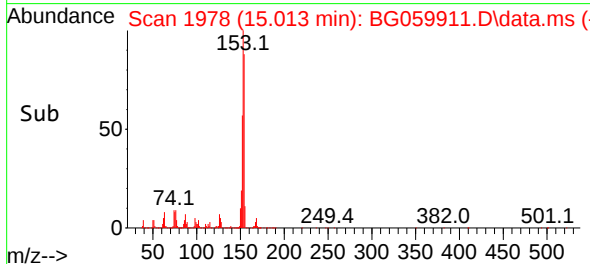
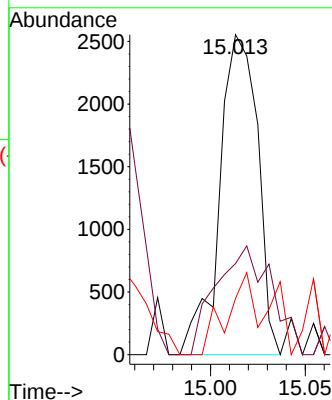
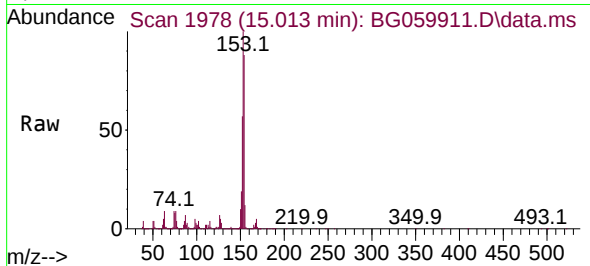




#53
3-Nitroaniline
Concen: 2.087 ng
RT: 15.013 min Scan# 1958
Delta R.T. 0.145 min
Lab File: BG059911.D
Acq: 27 Nov 2023 21:54

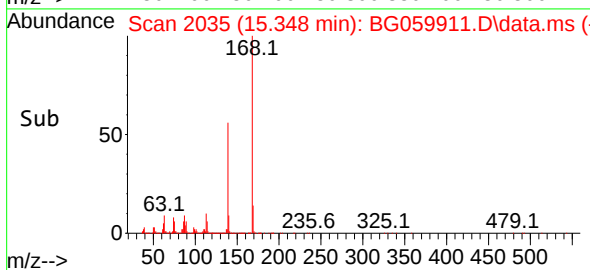
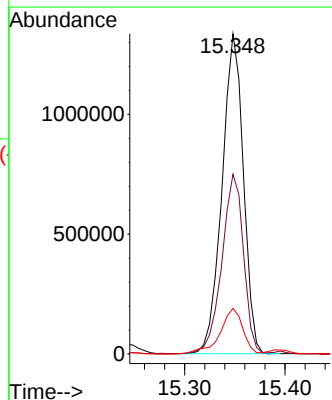
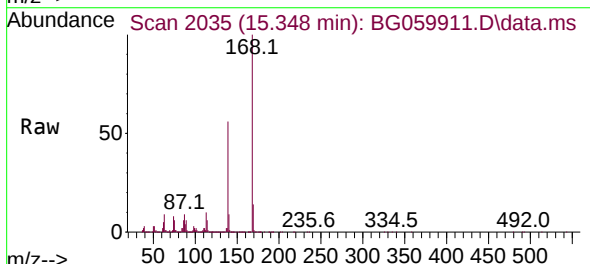
Instrument :
BNA_G
ClientSampleId :
358

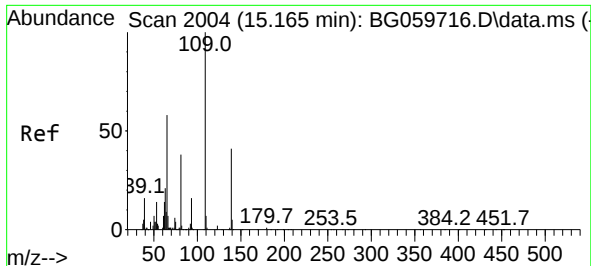
Tgt Ion:138 Resp: 3582
Ion Ratio Lower Upper
138 100
108 28.5 9.9 14.9#
92 17.6 98.3 147.5#



#55
Dibenzofuran
Concen: 216.325 ng
RT: 15.348 min Scan# 2035
Delta R.T. 0.010 min
Lab File: BG059911.D
Acq: 27 Nov 2023 21:54

Tgt Ion:168 Resp: 1967652
Ion Ratio Lower Upper
168 100
139 56.1 38.9 58.3
169 14.2 11.8 17.8

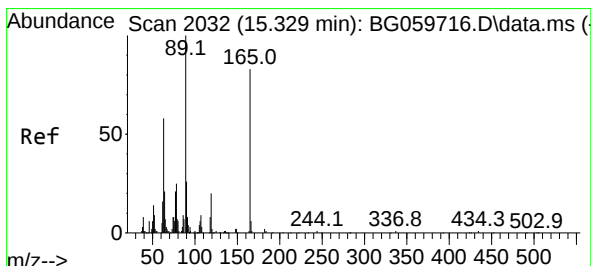
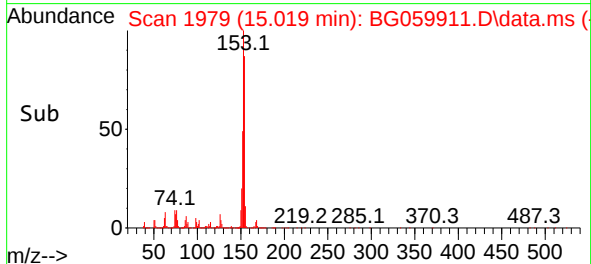
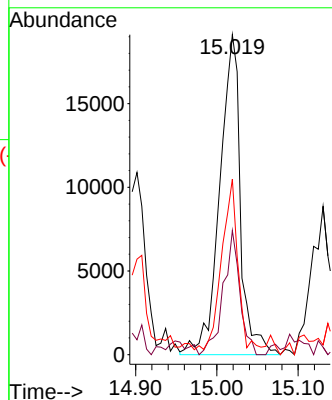
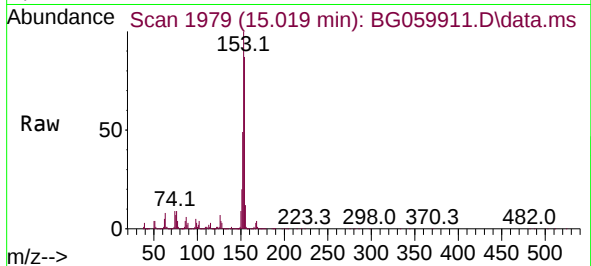




#56
4-Nitrophenol
Concen: 25.872 ng
RT: 15.019 min Scan# 1979
Delta R.T. -0.125 min
Lab File: BG059911.D
Acq: 27 Nov 2023 21:54

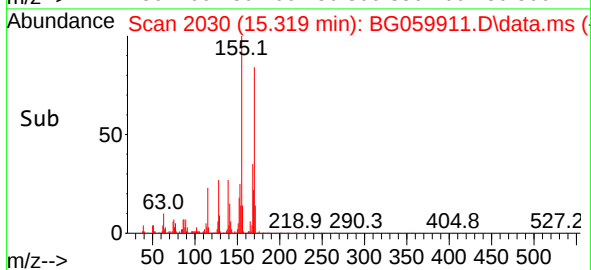
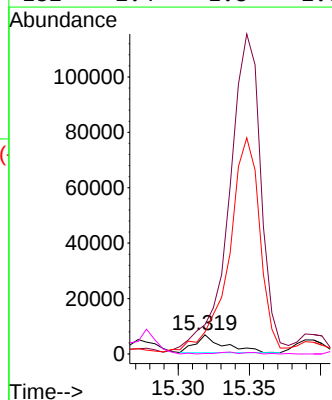
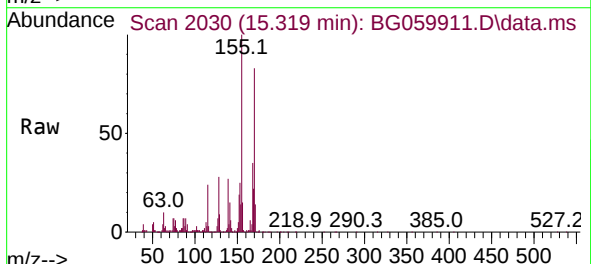
Instrument :
BNA_G
ClientSampleId :
358

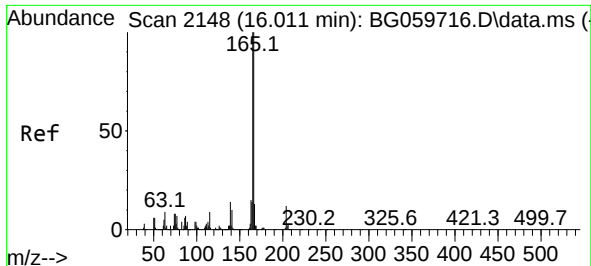
Tgt Ion:139 Resp: 33976
Ion Ratio Lower Upper
139 100
109 38.8 223.4 263.4#
65 54.9 120.6 160.6#



#57
2,4-Dinitrotoluene
Concen: 3.981 ng
RT: 15.319 min Scan# 2030
Delta R.T. 0.010 min
Lab File: BG059911.D
Acq: 27 Nov 2023 21:54

Tgt Ion:165 Resp: 8979
Ion Ratio Lower Upper
165 100
63 151.9 55.8 83.8#
89 113.7 96.9 145.3
182 2.4 1.8 2.6

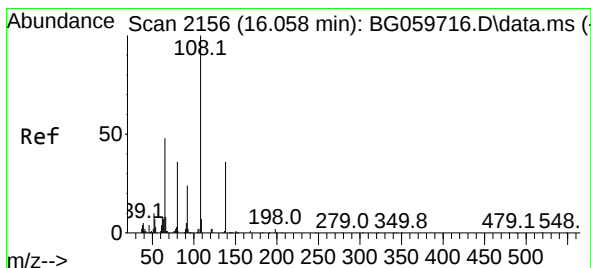
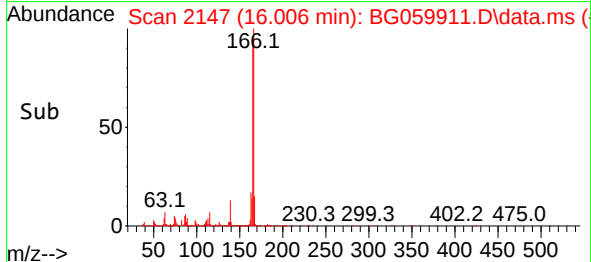
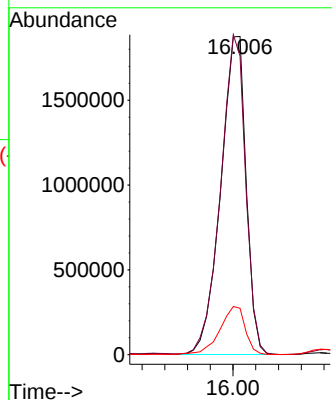
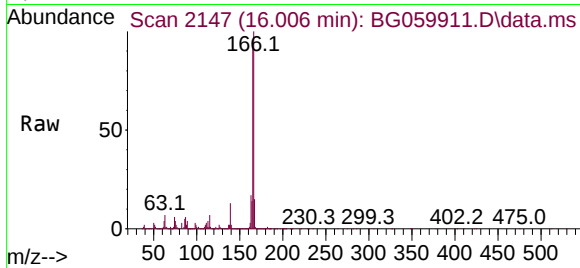




#58
Fluorene
Concen: 384.162 ng
RT: 16.006 min Scan# 2147
Delta R.T. 0.016 min
Lab File: BG059911.D
Acq: 27 Nov 2023 21:54

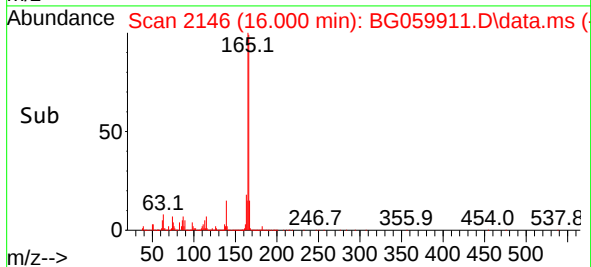
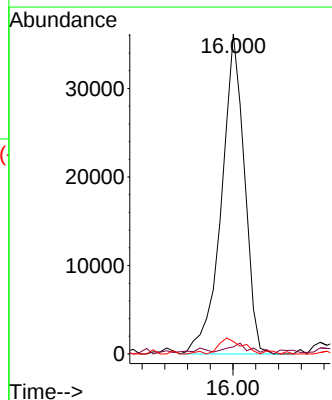
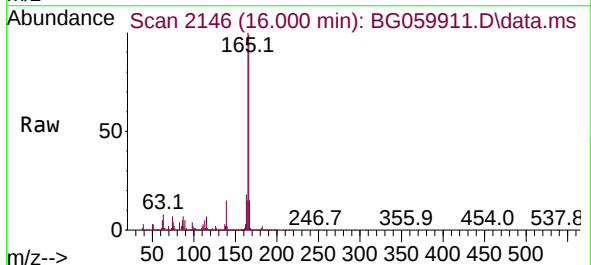
Instrument :
BNA_G
ClientSampleId :
358

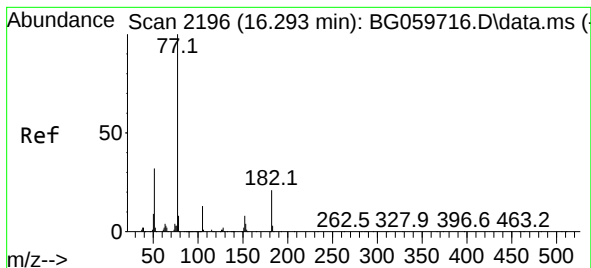
Tgt Ion:166 Resp: 2903060
Ion Ratio Lower Upper
166 100
165 93.8 79.9 119.9
167 14.6 10.1 15.1



#62
4-Nitroaniline
Concen: 29.439 ng
RT: 16.000 min Scan# 2146
Delta R.T. -0.031 min
Lab File: BG059911.D
Acq: 27 Nov 2023 21:54

Tgt Ion:138 Resp: 50644
Ion Ratio Lower Upper
138 100
92 2.2 45.8 85.8#
108 3.9 256.3 296.3#





#63

Azobenzene

Concen: 3.343 ng

RT: 16.271 min Scan# 2196

Delta R.T. 0.010 min

Lab File: BG059911.D

Acq: 27 Nov 2023 21:54

Instrument :

BNA_G

ClientSampleId :

358

Tgt Ion: 77 Resp: 30796

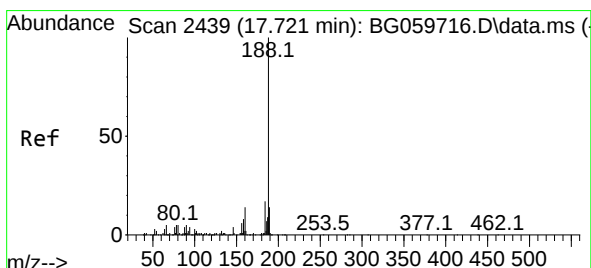
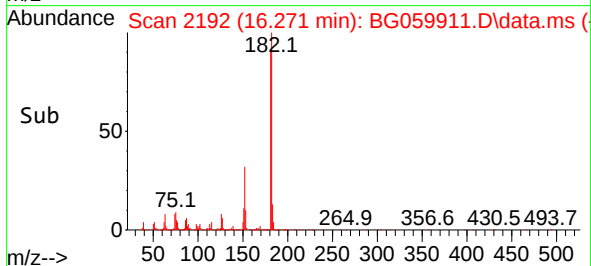
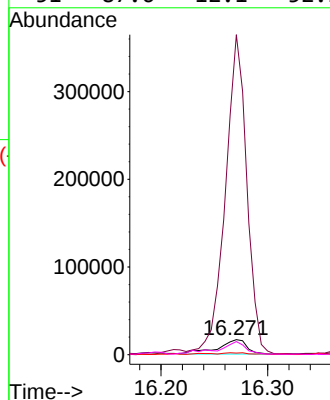
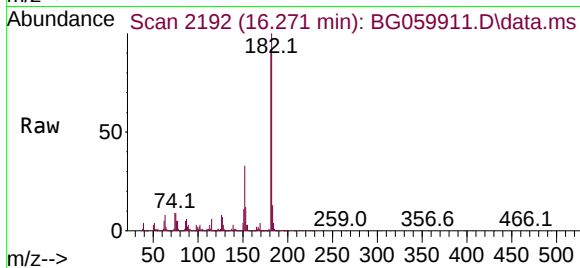
Ion Ratio Lower Upper

77 100

182 2123.3 1.1 41.1#

105 10.8 0.0 33.0

51 87.6 12.1 52.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.704 min Scan# 2436

Delta R.T. 0.010 min

Lab File: BG059911.D

Acq: 27 Nov 2023 21:54

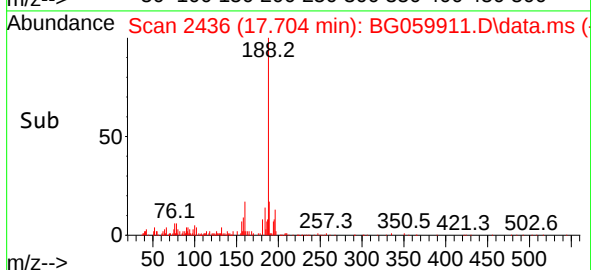
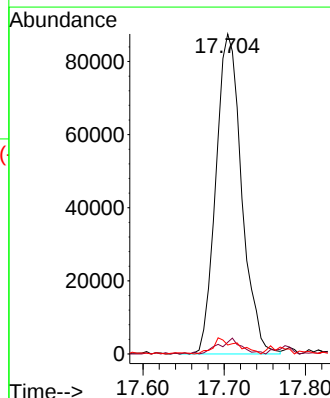
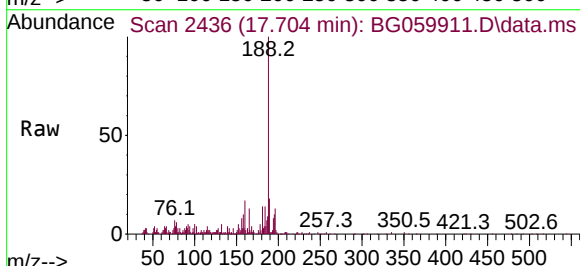
Tgt Ion:188 Resp: 192849

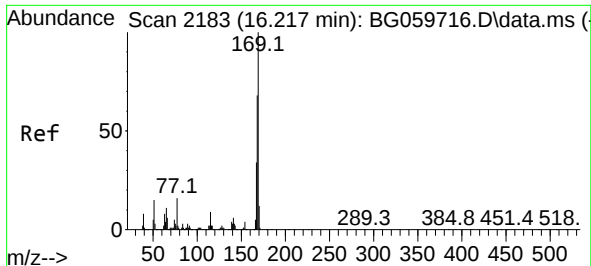
Ion Ratio Lower Upper

188 100

94 3.7 3.0 4.4

80 2.8 4.2 6.4#

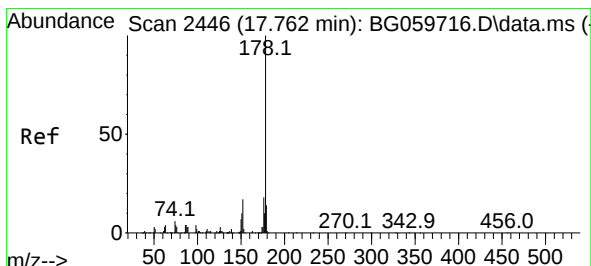
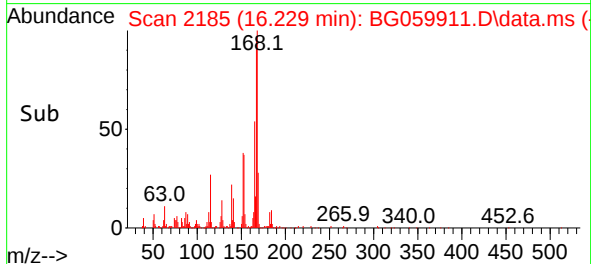
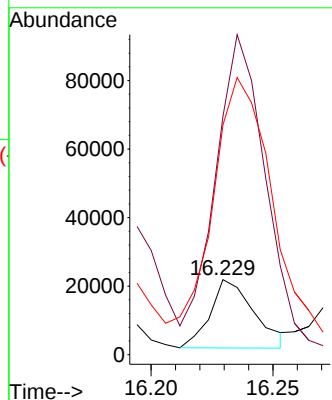
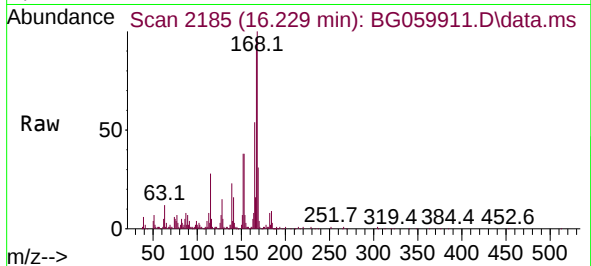




#66
n-Nitrosodiphenylamine
Concen: 4.446 ng
RT: 16.229 min Scan# 2183
Delta R.T. 0.039 min
Lab File: BG059911.D
Acq: 27 Nov 2023 21:54

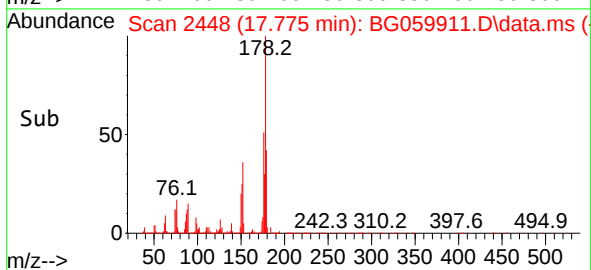
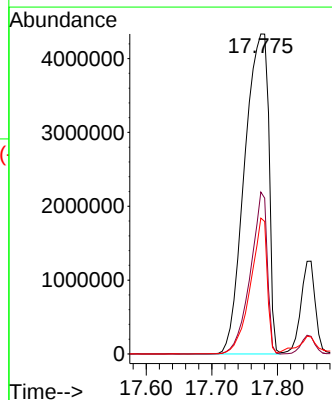
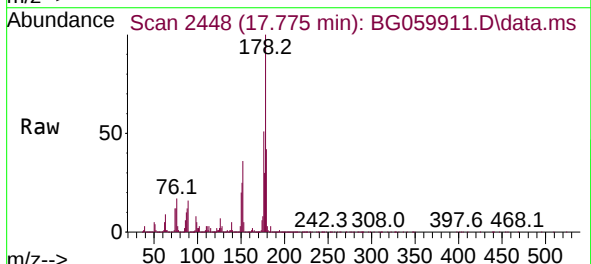
Instrument :
BNA_G
ClientSampleId :
358

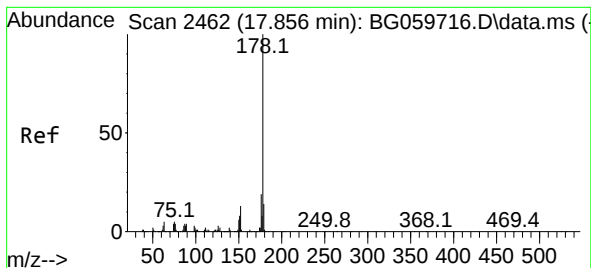
Tgt Ion:169 Resp: 25049
Ion Ratio Lower Upper
169 100
168 317.7 54.5 81.7#
167 306.4 27.8 41.6#



#71
Phenanthrene
Concen: 1127.922 ng
RT: 17.775 min Scan# 2448
Delta R.T. 0.039 min
Lab File: BG059911.D
Acq: 27 Nov 2023 21:54

Tgt Ion:178 Resp:11059133
Ion Ratio Lower Upper
178 100
176 50.6 14.5 21.7#
179 42.5 11.2 16.8#





#72

Anthracene

Concen: 181.200 ng

RT: 17.851 min Scan# 24

Delta R.T. 0.022 min

Lab File: BG059911.D

Acq: 27 Nov 2023 21:54

Instrument :

BNA_G

ClientSampleId :

358

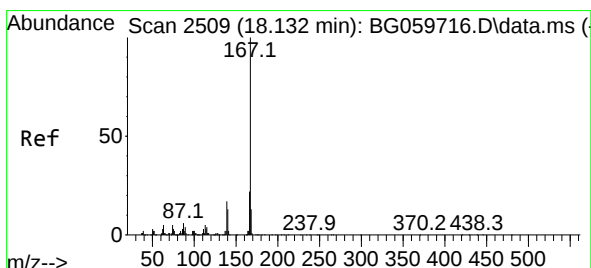
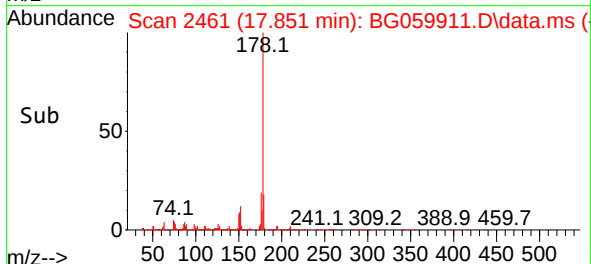
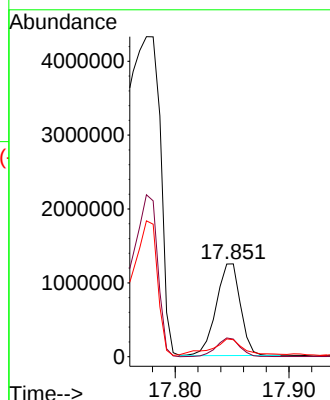
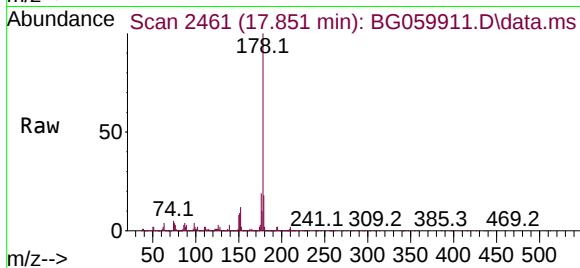
Tgt Ion:178 Resp: 1845965

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

179 18.4 11.5 17.3#



#73

Carbazole

Concen: 42.527 ng

RT: 18.110 min Scan# 2505

Delta R.T. 0.004 min

Lab File: BG059911.D

Acq: 27 Nov 2023 21:54

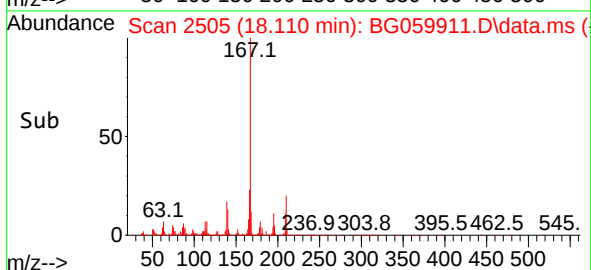
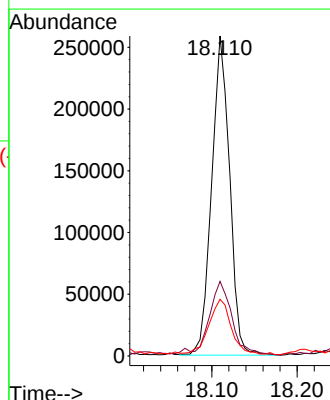
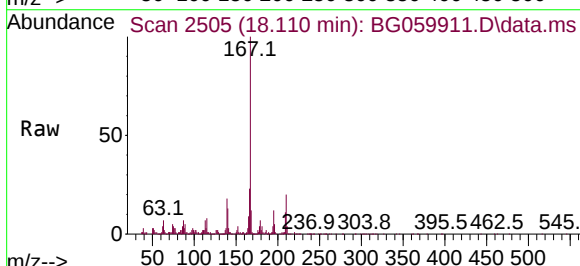
Tgt Ion:167 Resp: 378487

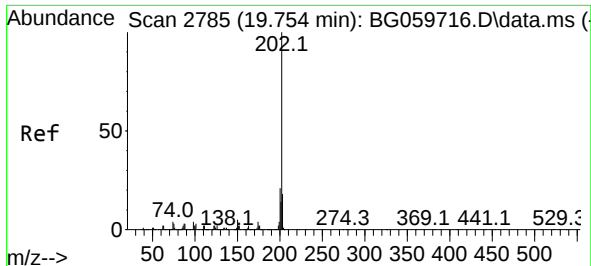
Ion Ratio Lower Upper

167 100

166 23.3 17.4 26.0

139 17.7 13.2 19.8

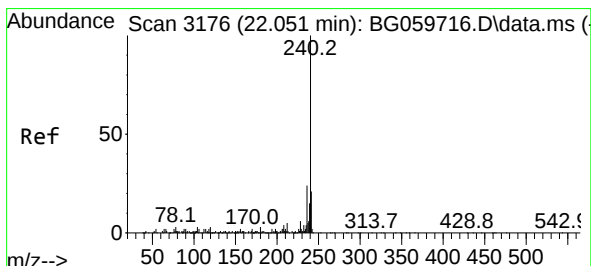
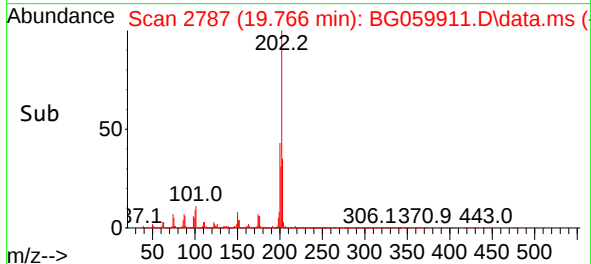
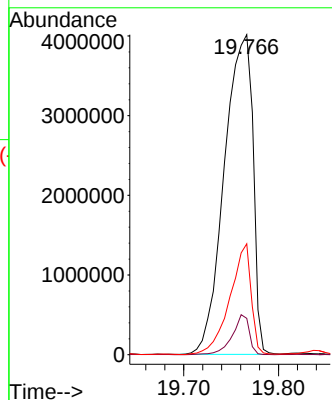
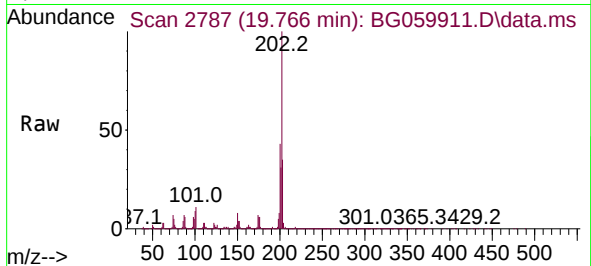




#75
Fluoranthene
Concen: 714.173 ng
RT: 19.766 min Scan# 21
Delta R.T. 0.039 min
Lab File: BG059911.D
Acq: 27 Nov 2023 21:54

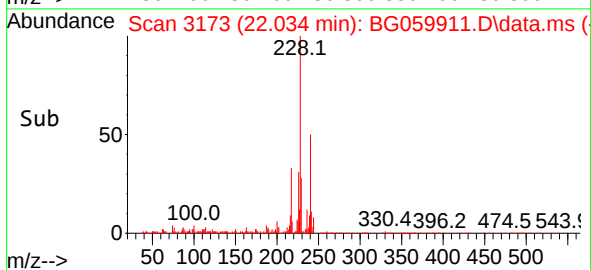
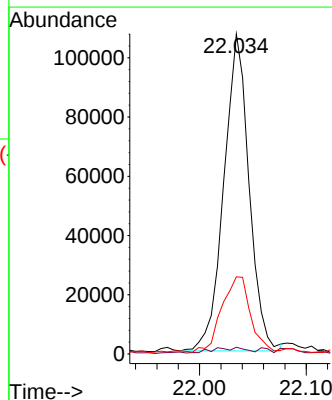
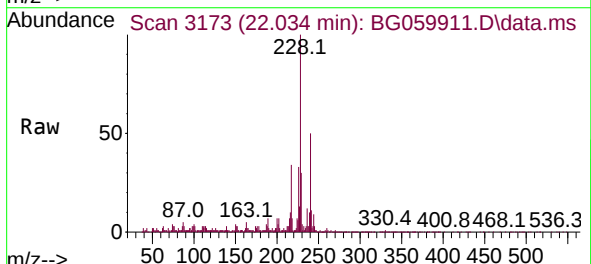
Instrument :
BNA_G
ClientSampleId :
358

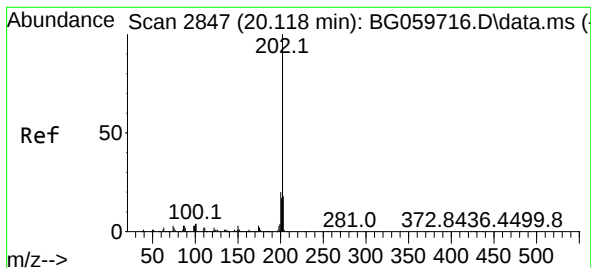
Tgt Ion:202 Resp: 8397503
Ion Ratio Lower Upper
202 100
101 11.4 0.0 22.7
203 34.6 0.0 38.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.034 min Scan# 3173
Delta R.T. 0.016 min
Lab File: BG059911.D
Acq: 27 Nov 2023 21:54

Tgt Ion:240 Resp: 175727
Ion Ratio Lower Upper
240 100
120 2.1 2.2 3.2#
236 24.1 19.4 29.2





#78

Pyrene

Concen: 525.983 ng

RT: 20.125 min Scan# 21

Delta R.T. 0.028 min

Lab File: BG059911.D

Acq: 27 Nov 2023 21:54

Instrument :

BNA_G

ClientSampleId :

358

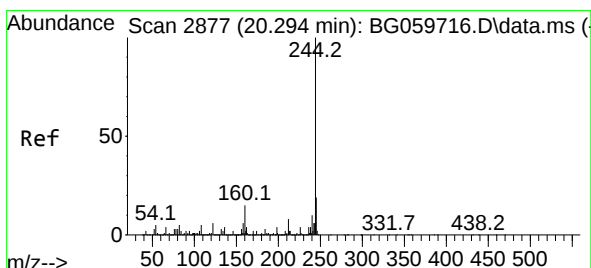
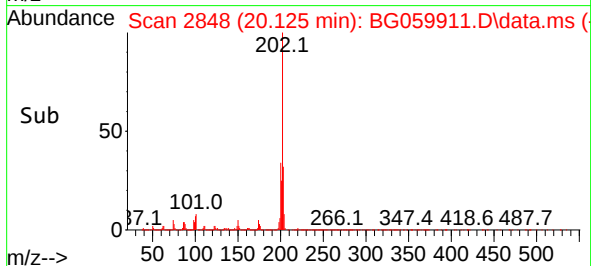
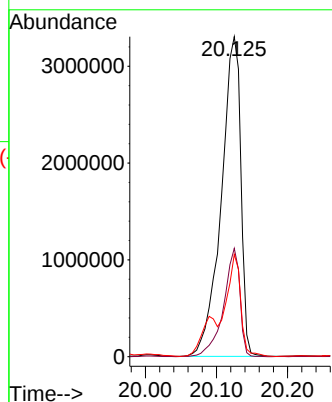
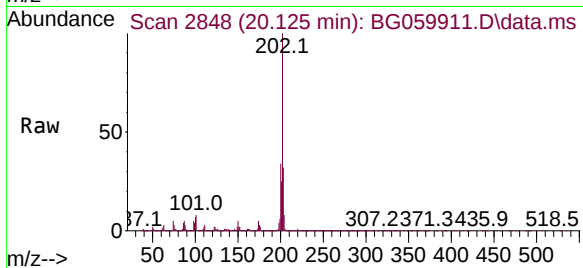
Tgt Ion:202 Resp: 6288840

Ion Ratio Lower Upper

202 100

200 33.8 16.2 24.4#

203 32.0 14.0 21.0#



#79

Terphenyl-d14

Concen: 63.205 ng

RT: 20.272 min Scan# 2873

Delta R.T. 0.004 min

Lab File: BG059911.D

Acq: 27 Nov 2023 21:54

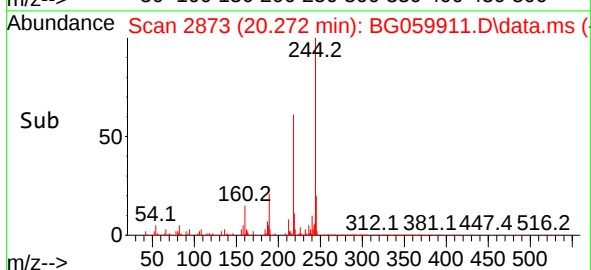
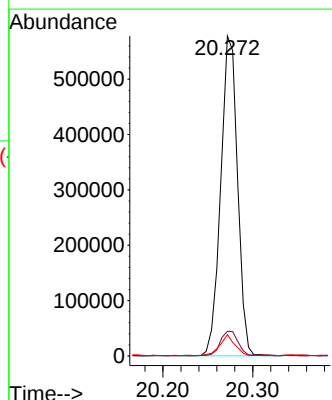
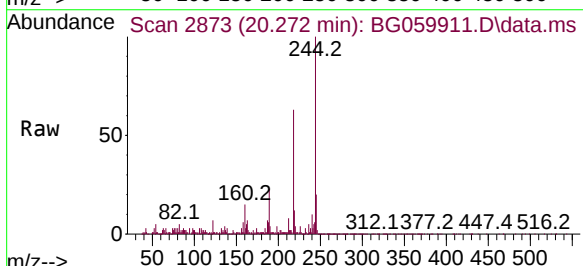
Tgt Ion:244 Resp: 752366

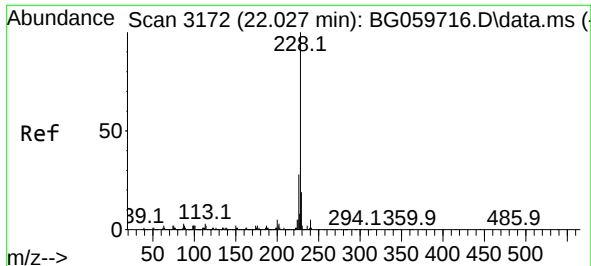
Ion Ratio Lower Upper

244 100

212 7.7 6.6 10.0

122 6.6 4.4 6.6#

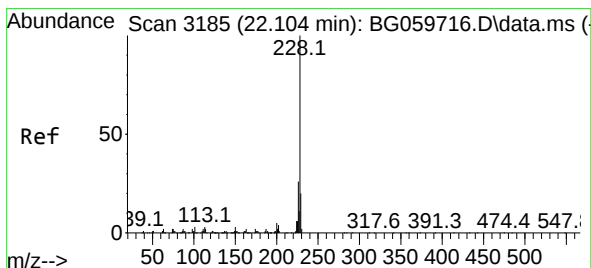
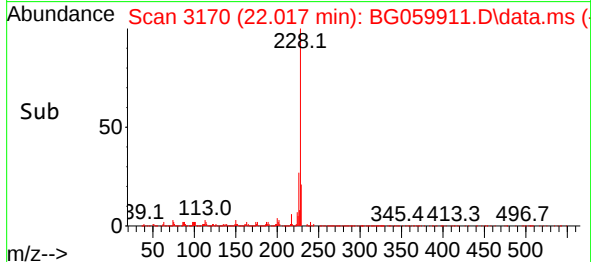
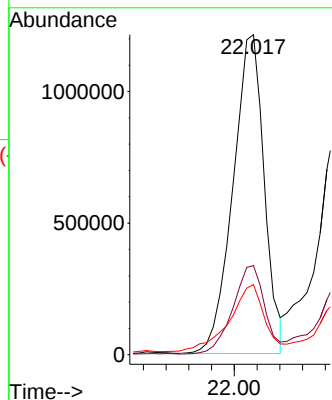
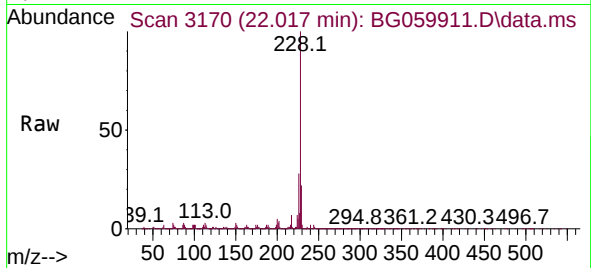




#81
Benzo(a)anthracene
Concen: 192.243 ng
RT: 22.017 min Scan# 3170
Delta R.T. 0.022 min
Lab File: BG059911.D
Acq: 27 Nov 2023 21:54

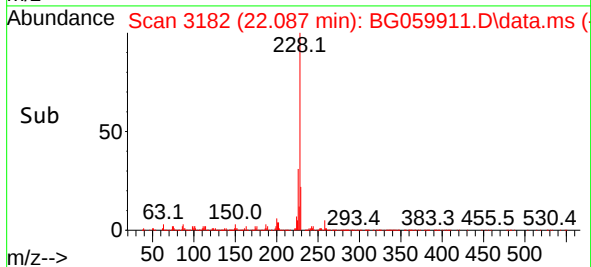
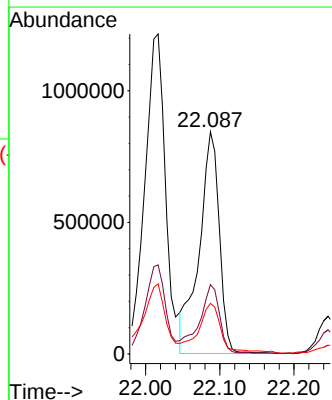
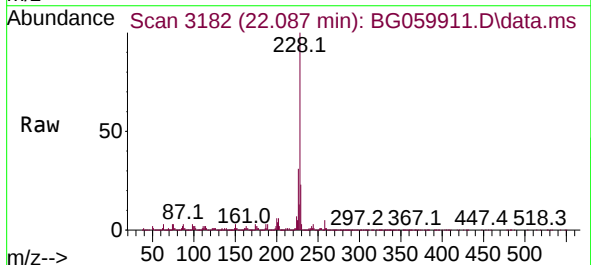
Instrument :
BNA_G
ClientSampleId :
358

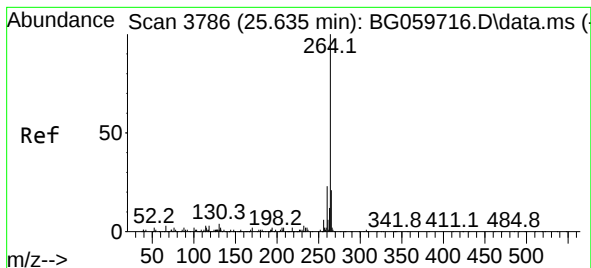
Tgt Ion:228 Resp: 2311471
Ion Ratio Lower Upper
228 100
226 27.9 22.1 33.1
229 21.9 14.9 22.3



#83
Chrysene
Concen: 144.790 ng
RT: 22.087 min Scan# 3182
Delta R.T. 0.022 min
Lab File: BG059911.D
Acq: 27 Nov 2023 21:54

Tgt Ion:228 Resp: 1595883
Ion Ratio Lower Upper
228 100
226 31.2 21.1 31.7
229 22.8 16.2 24.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.601 min Scan# 31

Delta R.T. 0.022 min

Lab File: BG059911.D

Acq: 27 Nov 2023 21:54

Instrument :

BNA_G

ClientSampleId :

358

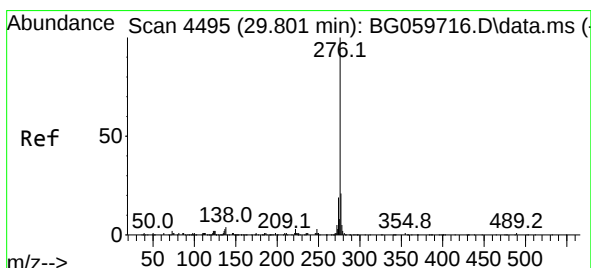
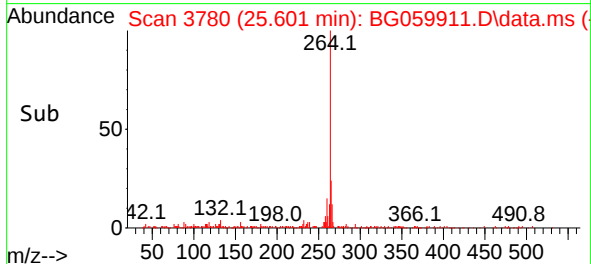
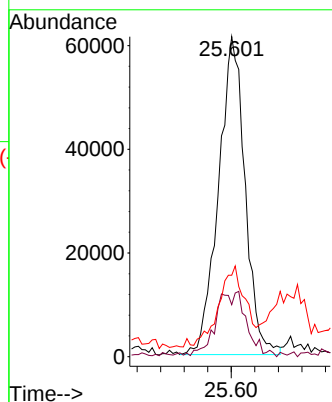
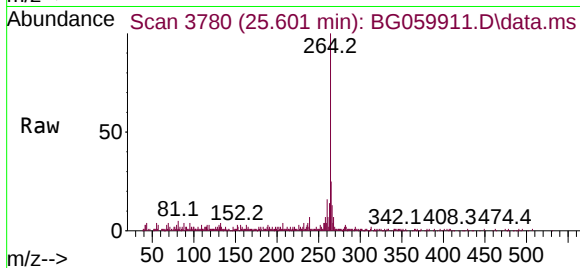
Tgt Ion:264 Resp: 192708

Ion Ratio Lower Upper

264 100

260 16.3 18.5 27.7#

265 25.5 17.0 25.6



#87

Indeno(1,2,3-cd)pyrene

Concen: 20.634 ng

RT: 29.749 min Scan# 4486

Delta R.T. 0.034 min

Lab File: BG059911.D

Acq: 27 Nov 2023 21:54

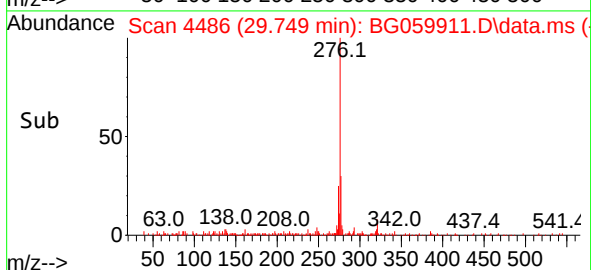
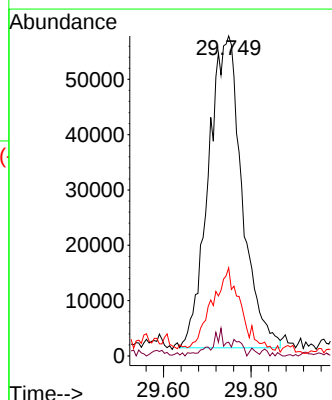
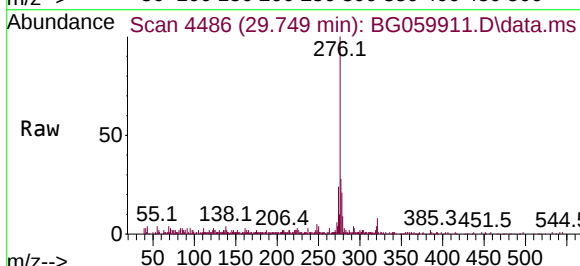
Tgt Ion:276 Resp: 300876

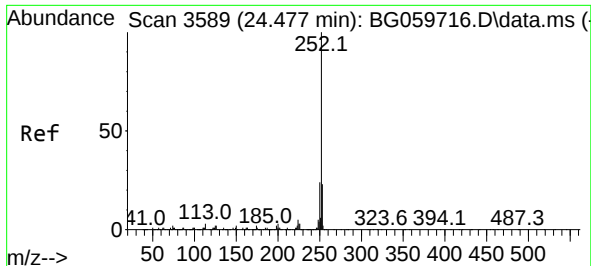
Ion Ratio Lower Upper

276 100

138 1.4 1.8 2.6#

277 22.6 9.8 14.6#

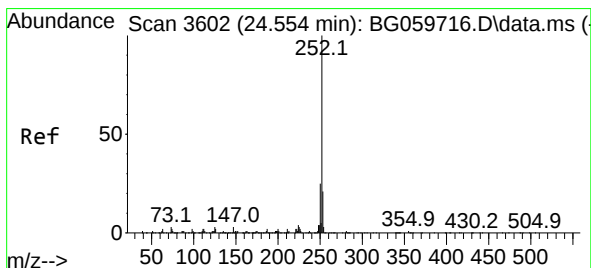
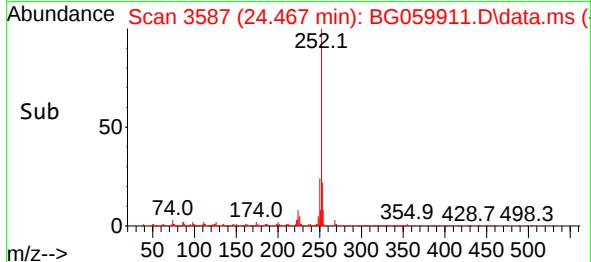
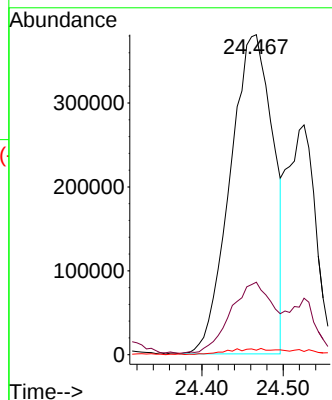
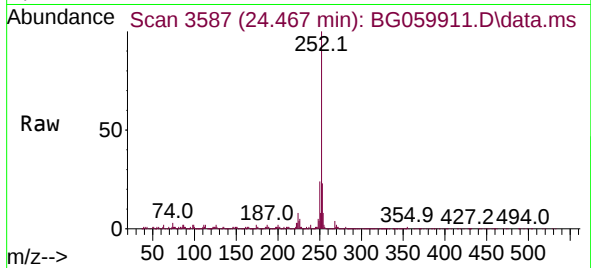




#88
Benzo(b)fluoranthene
Concen: 131.606 ng
RT: 24.467 min Scan# 31
Delta R.T. 0.045 min
Lab File: BG059911.D
Acq: 27 Nov 2023 21:54

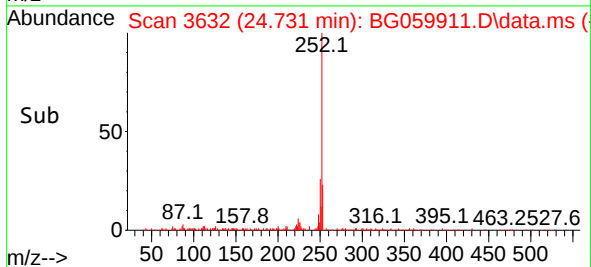
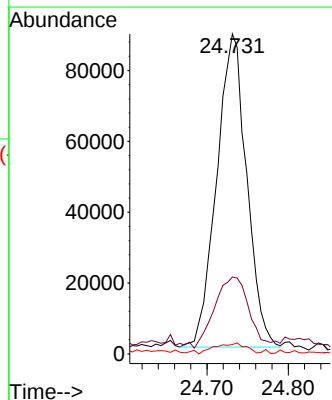
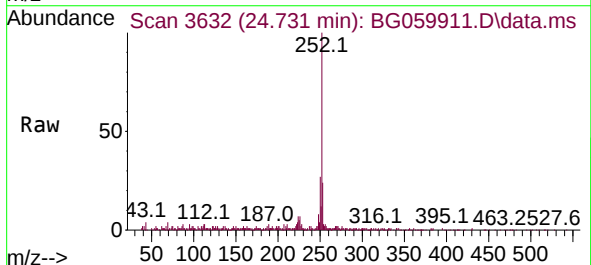
Instrument :
BNA_G
ClientSampleId :
358

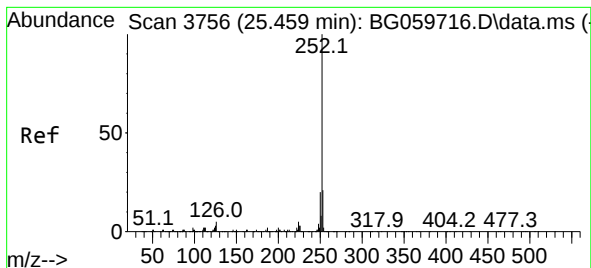
Tgt Ion:252 Resp: 1390050
Ion Ratio Lower Upper
252 100
253 22.7 18.3 27.5
125 1.4 1.4 2.0



#89
Benzo(k)fluoranthene
Concen: 21.698 ng
RT: 24.731 min Scan# 3632
Delta R.T. 0.227 min
Lab File: BG059911.D
Acq: 27 Nov 2023 21:54

Tgt Ion:252 Resp: 226573
Ion Ratio Lower Upper
252 100
253 24.0 17.1 25.7
125 2.9 2.2 3.2





#90

Benzo(a)pyrene

Concen: 76.013 ng

RT: 25.436 min Scan# 31

Delta R.T. 0.022 min

Lab File: BG059911.D

Acq: 27 Nov 2023 21:54

Instrument :

BNA_G

ClientSampleId :

358

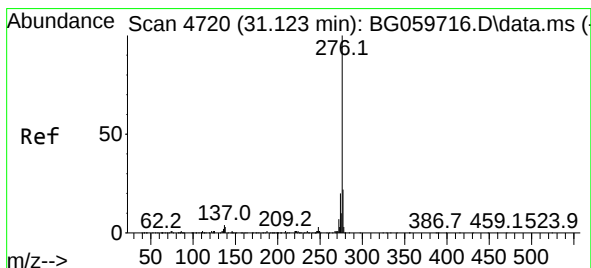
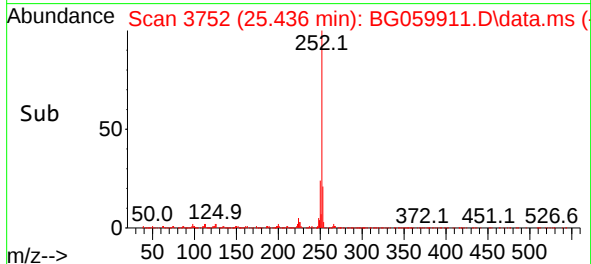
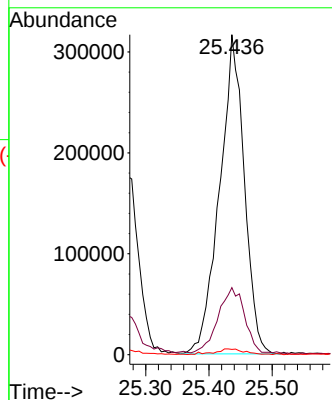
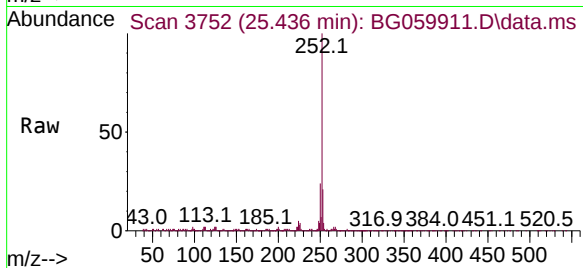
Tgt Ion:252 Resp: 856845

Ion Ratio Lower Upper

252 100

253 20.9 16.8 25.2

125 1.7 2.0 3.0#



#92

Benzo(g,h,i)perylene

Concen: 18.952 ng

RT: 31.071 min Scan# 4711

Delta R.T. 0.034 min

Lab File: BG059911.D

Acq: 27 Nov 2023 21:54

Tgt Ion:276 Resp: 221850

Ion Ratio Lower Upper

276 100

277 21.3 17.3 25.9

138 2.8 2.6 4.0

