

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
 Data File : BG057524.D
 Acq On : 23 May 2023 18:00
 Operator : CG/JU
 Sample : 02892-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-30

Quant Time: May 24 04:34:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:19:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.360	152	24195	20.000	ng	0.00
21) Naphthalene-d8	11.197	136	83870	20.000	ng	# 0.00
39) Acenaphthene-d10	14.986	164	58838	20.000	ng	0.01
64) Phenanthrene-d10	17.724	188	116826	20.000	ng	# 0.01
76) Chrysene-d12	22.018	240	123606	20.000	ng	0.00
86) Perylene-d12	25.519	264	136892	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.875	112	120567	85.242	ng	0.00
7) Phenol-d6	7.497	99	164070	76.389	ng	0.00
23) Nitrobenzene-d5	9.535	82	111774	55.935	ng	0.00
42) 2,4,6-Tribromophenol	16.473	330	68115	81.590	ng	0.02
45) 2-Fluorobiphenyl	13.600	172	232779	53.283	ng	0.00
79) Terphenyl-d14	20.279	244	404401	53.391	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.473	77	2614	Below Cal	#	1
18) Hexachloroethane	9.470	117	36299	60.707	ng	# 1
22) Acetophenone	9.159	105	8610	3.587	ng	# 60
24) Nitrobenzene	9.553	77	8044	3.988	ng	# 41
25) Isophorone	10.099	82	39355	10.156	ng	# 1
26) 2-Nitrophenol	10.281	139	3149	4.079	ng	# 1
31) Naphthalene	11.244	128	53987	12.040	ng	# 65
32) Benzoic acid	10.498	122	840	5.688	ng	# 1
33) 4-Chloroaniline	11.380	127	5711	2.836	ng	# 1
35) Caprolactam	12.090	113	2323	4.743	ng	# 1
36) 4-Chloro-3-methylphenol	12.419	107	4738	2.908	ng	# 32
37) 2-Methylnaphthalene	12.842	142	718633	203.847	ng	98
38) 1-Methylnaphthalene	12.842	142	718633	216.271	ng	99
46) 1,1'-Biphenyl	13.817	154	10229	2.343	ng	86
48) 2-Nitroaniline	14.082	65	3194	2.893	ng	# 1
49) Acenaphthylene	14.710	152	36676	6.953	ng	# 1
50) Dimethylphthalate	14.399	163	11445	2.367	ng	# 1
51) 2,6-Dinitrotoluene	14.522	165	6912	7.002	ng	# 62
52) Acenaphthene	15.051	154	62230	18.881	ng	# 67
53) 3-Nitroaniline	14.881	138	10215	10.329	ng	# 23
54) 2,4-Dinitrophenol	15.086	184	1193	6.748	ng	# 1
55) Dibenzofuran	15.380	168	88477	15.977	ng	# 1
56) 4-Nitrophenol	15.186	139	69641	105.874	ng	# 36
57) 2,4-Dinitrotoluene	15.321	165	4288	3.039	ng	# 57
58) Fluorene	16.032	166	114394	25.078	ng	# 78
63) Azobenzene	16.285	77	11625	2.454	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.061	198	1414	2.027	ng	# 1
66) n-Nitrosodiphenylamine	16.226	169	249332	78.579	ng	# 41
69) Atrazine	17.107	200	2657	2.195	ng	# 1
71) Phenanthrene	17.771	178	416731	69.613	ng	# 95
72) Anthracene	17.771	178	416731	67.843	ng	95
75) Fluoranthene	19.751	202	39931	5.363	ng	83
78) Pyrene	20.109	202	74230	8.264	ng	# 77

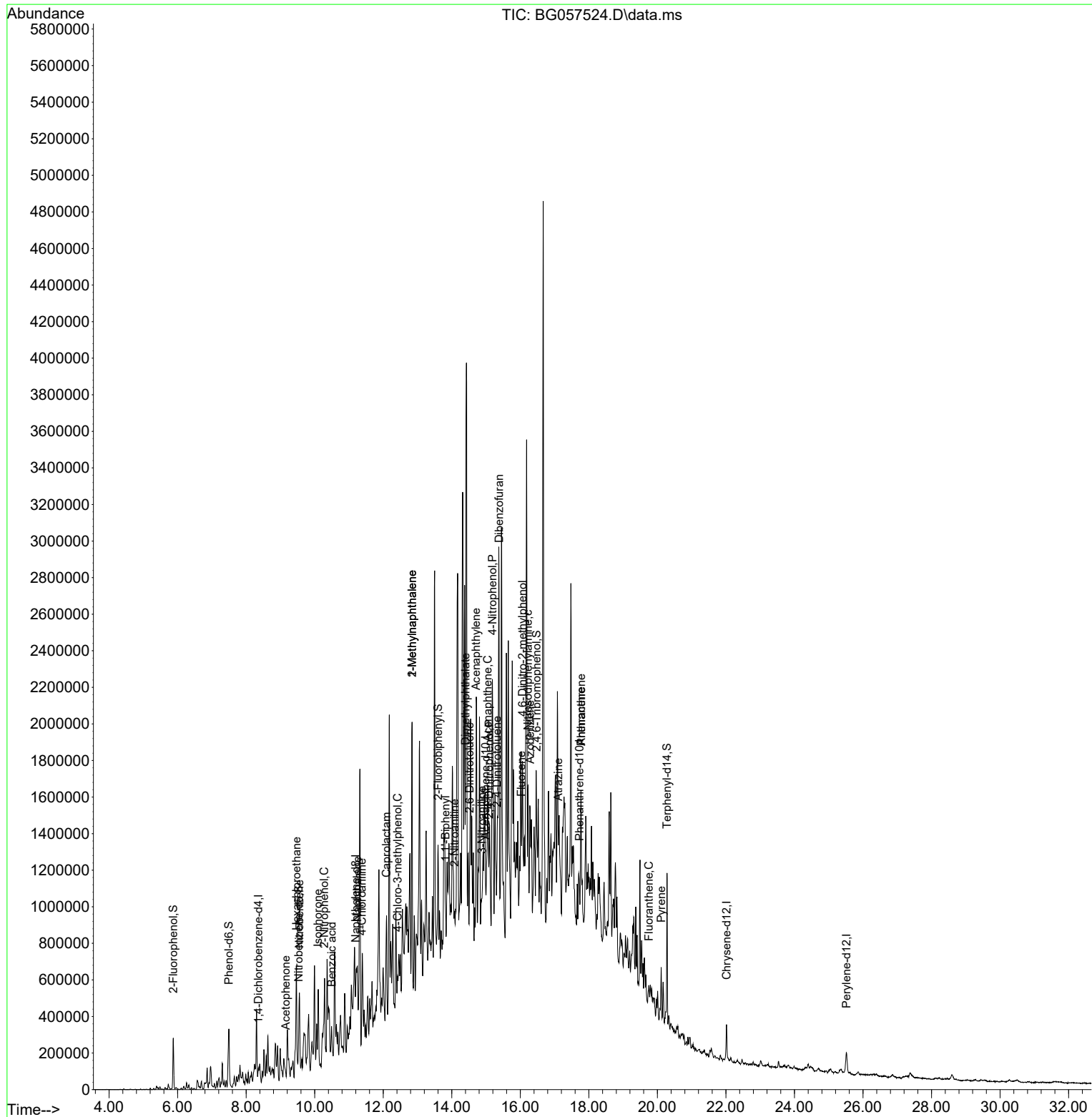
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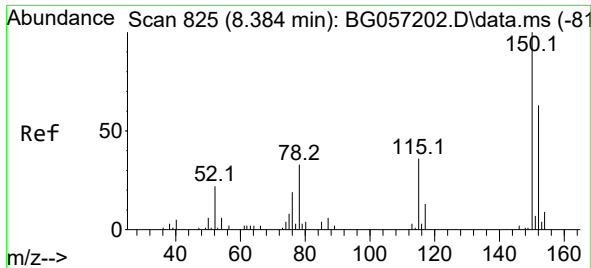
Instrument :
BNA_G
ClientSampleId :
TP-30

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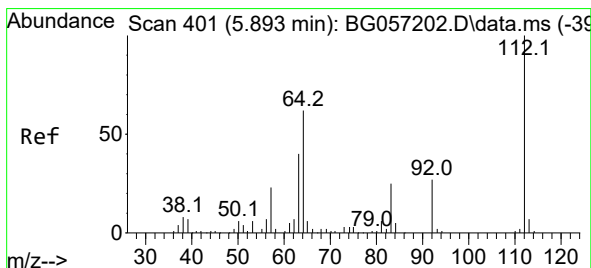
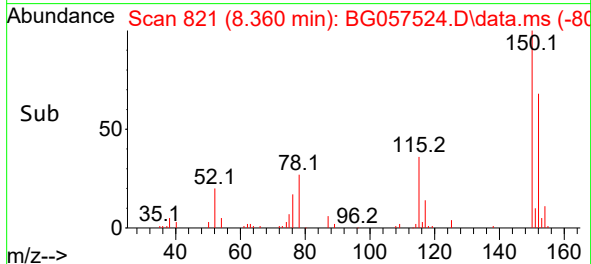
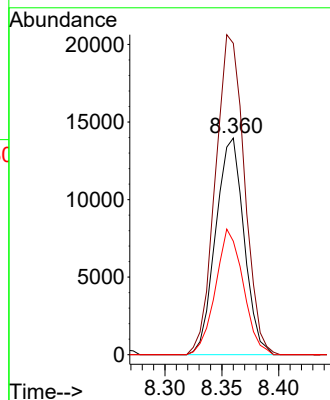
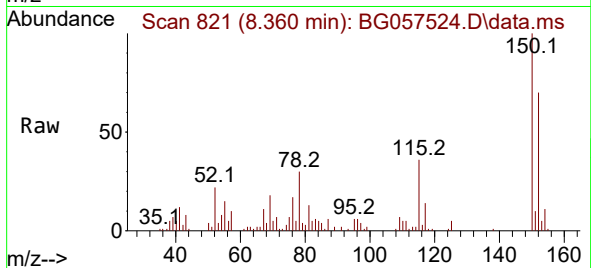




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.360 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG057524.D
Acq: 23 May 2023 18:00

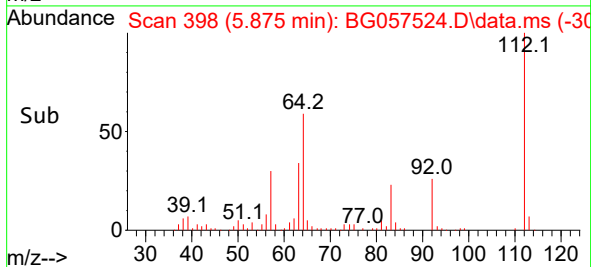
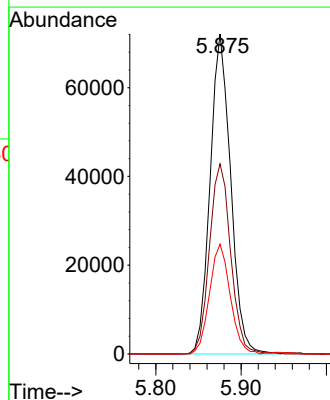
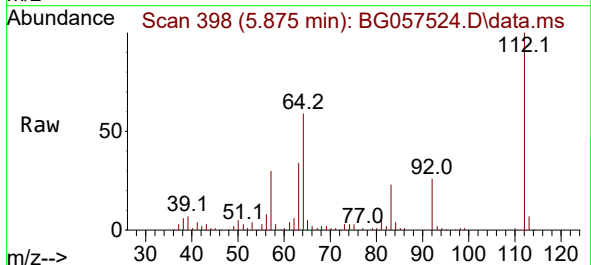
Instrument :
BNA_G
ClientSampleId :
TP-30

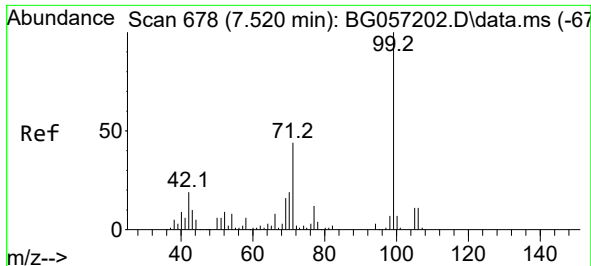
Tgt Ion:152 Resp: 24195
Ion Ratio Lower Upper
152 100
150 143.7 126.2 189.4
115 52.4 45.0 67.4



#5
2-Fluorophenol
Concen: 85.242 ng
RT: 5.875 min Scan# 398
Delta R.T. 0.004 min
Lab File: BG057524.D
Acq: 23 May 2023 18:00

Tgt Ion:112 Resp: 120567
Ion Ratio Lower Upper
112 100
64 59.4 49.4 74.2
63 34.3 31.6 47.4

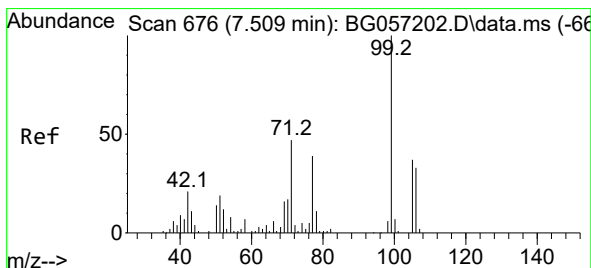
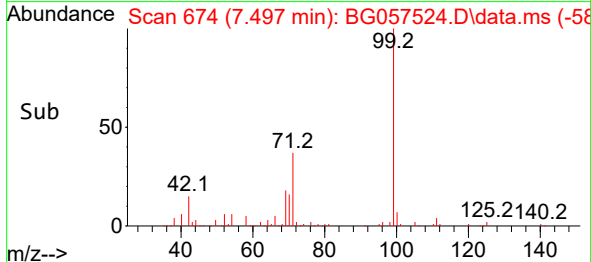
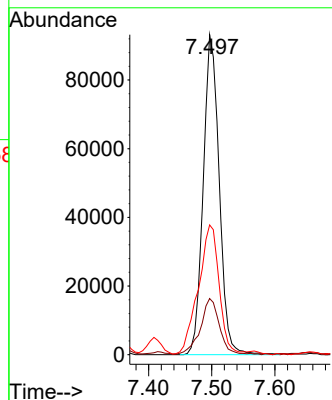
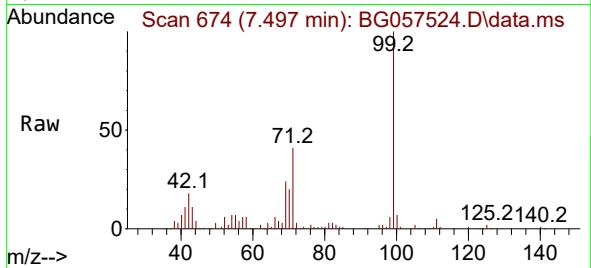




#7
Phenol-d6
Concen: 76.389 ng
RT: 7.497 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG057524.D
Acq: 23 May 2023 18:00

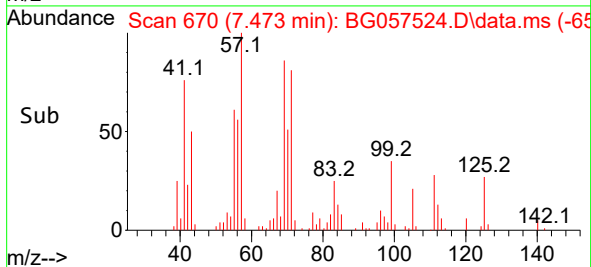
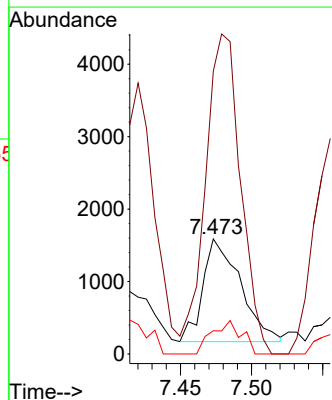
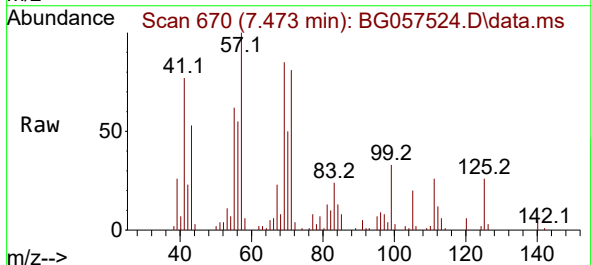
Instrument :
BNA_G
ClientSampleId :
TP-30

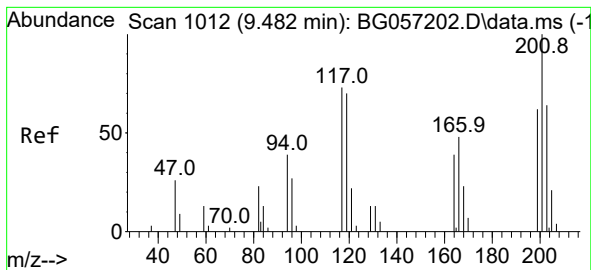
Tgt Ion: 99 Resp: 164070
Ion Ratio Lower Upper
99 100
42 17.6 15.1 22.7
71 40.5 35.2 52.8



#9
Benzaldehyde
Concen: Below Cal
RT: 7.473 min Scan# 670
Delta R.T. -0.013 min
Lab File: BG057524.D
Acq: 23 May 2023 18:00

Tgt Ion: 77 Resp: 2614
Ion Ratio Lower Upper
77 100
105 245.9 74.6 114.6#
106 20.2 66.3 106.3#





#18

Hexachloroethane

Concen: 60.707 ng

RT: 9.470 min Scan# 110

Delta R.T. 0.016 min

Lab File: BG057524.D

Acq: 23 May 2023 18:00

Instrument :

BNA_G

ClientSampleId :

TP-30

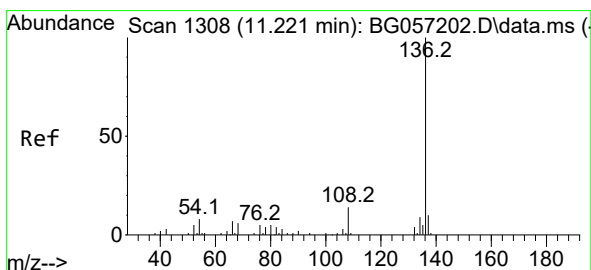
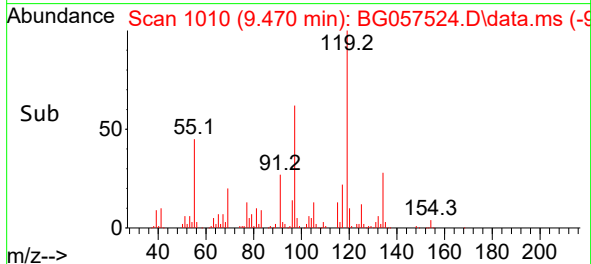
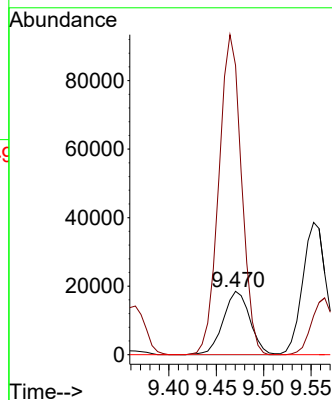
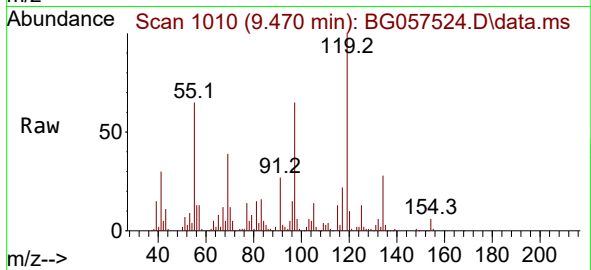
Tgt Ion:117 Resp: 36299

Ion Ratio Lower Upper

117 100

119 456.8 76.7 115.1#

201 0.0 109.0 163.4#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.197 min Scan# 1304

Delta R.T. -0.002 min

Lab File: BG057524.D

Acq: 23 May 2023 18:00

Tgt Ion:136 Resp: 83870

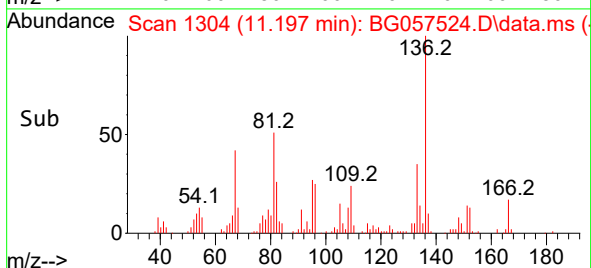
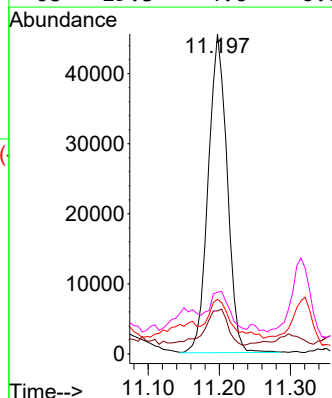
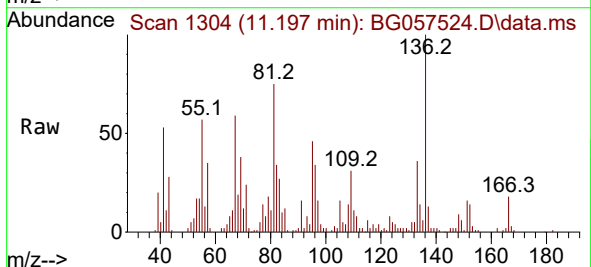
Ion Ratio Lower Upper

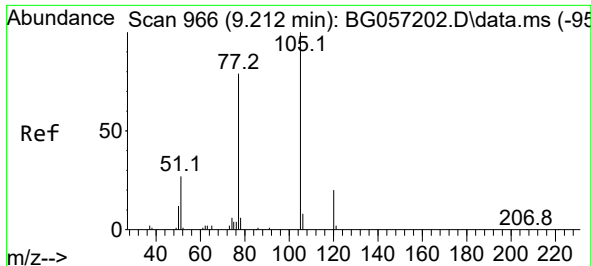
136 100

137 13.5 8.3 12.5#

54 17.1 6.7 10.1#

68 19.3 4.6 6.8#

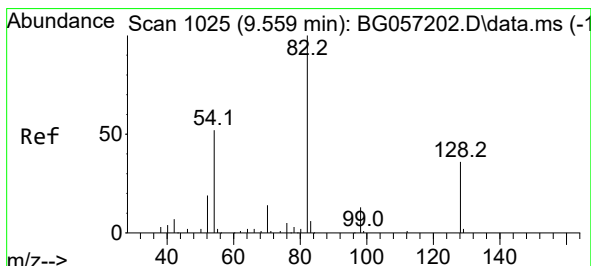
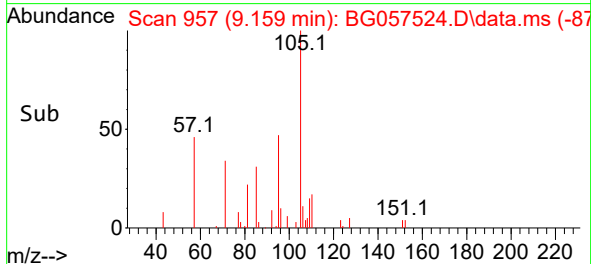
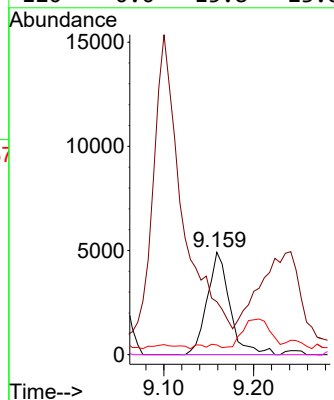
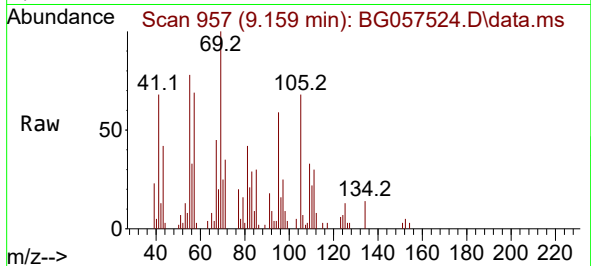




#22
Acetophenone
Concen: 3.587 ng
RT: 9.159 min Scan# 91
Delta R.T. -0.031 min
Lab File: BG057524.D
Acq: 23 May 2023 18:00

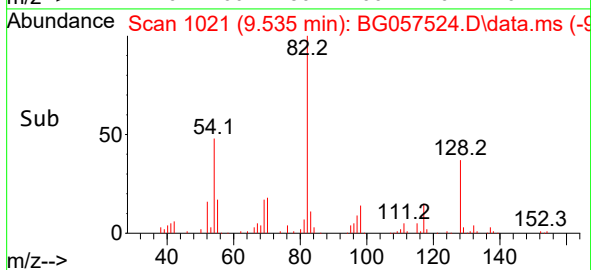
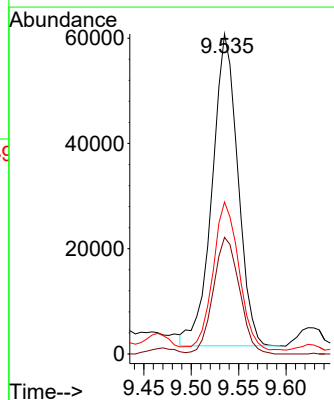
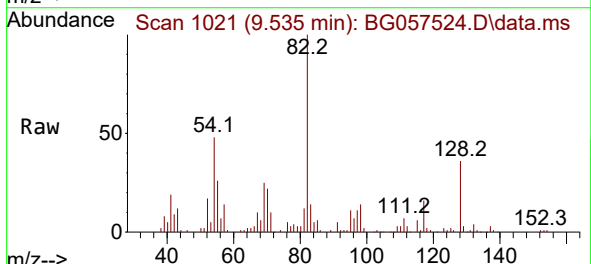
Instrument :
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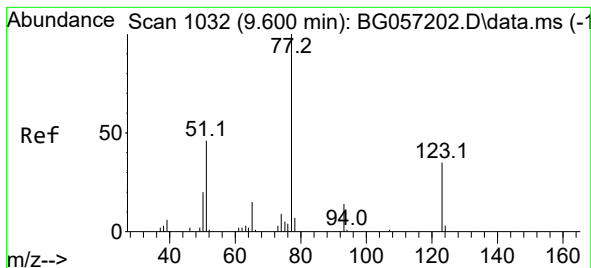
Tgt Ion:105 Resp: 8610
Ion Ratio Lower Upper
105 100
71 51.8 0.4 0.6#
51 9.6 24.0 36.0#
120 0.0 15.8 23.8#



#23
Nitrobenzene-d5
Concen: 55.935 ng
RT: 9.535 min Scan# 1021
Delta R.T. -0.002 min
Lab File: BG057524.D
Acq: 23 May 2023 18:00

Tgt Ion: 82 Resp: 111774
Ion Ratio Lower Upper
82 100
128 36.5 29.0 43.4
54 47.5 41.4 62.0





#24

Nitrobenzene

Concen: 3.988 ng

RT: 9.553 min Scan# 110

Delta R.T. -0.031 min

Lab File: BG057524.D

Acq: 23 May 2023 18:00

Instrument :

BNA_G

ClientSampleId :

TP-30

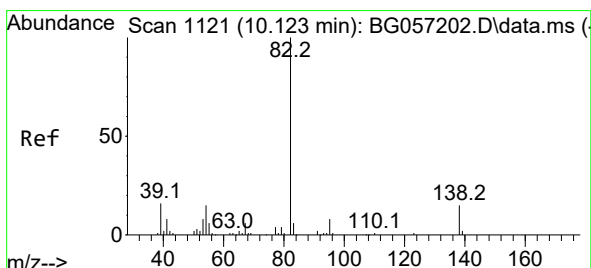
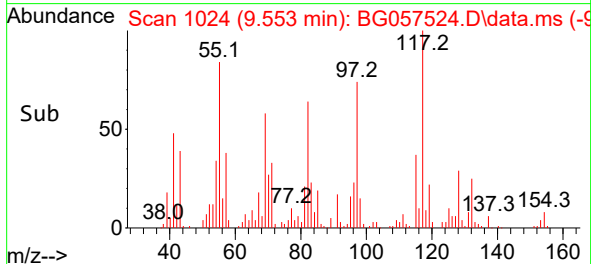
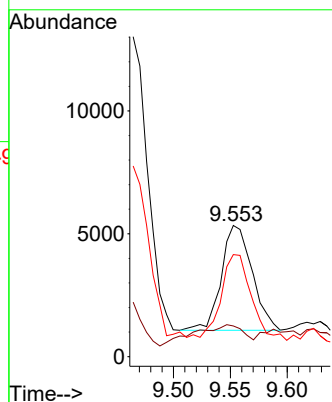
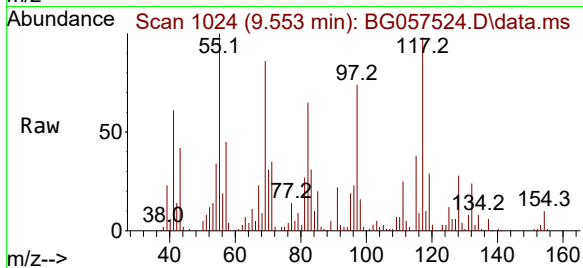
Tgt Ion: 77 Resp: 8044

Ion Ratio Lower Upper

77 100

123 23.4 28.2 42.2#

65 77.8 11.7 17.5#



#25

Isophorone

Concen: 10.156 ng

RT: 10.099 min Scan# 1117

Delta R.T. -0.002 min

Lab File: BG057524.D

Acq: 23 May 2023 18:00

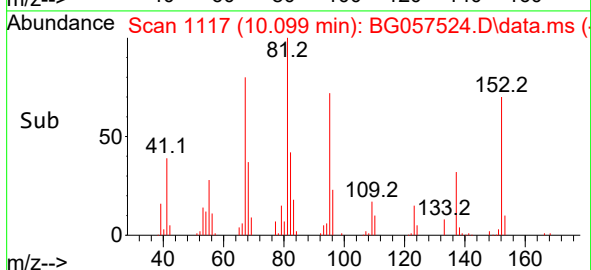
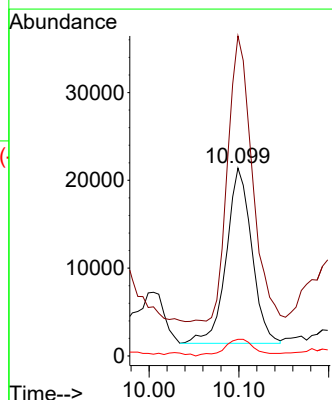
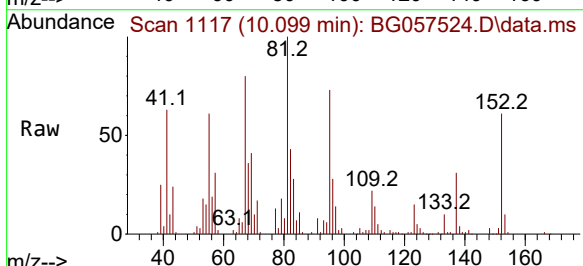
Tgt Ion: 82 Resp: 39355

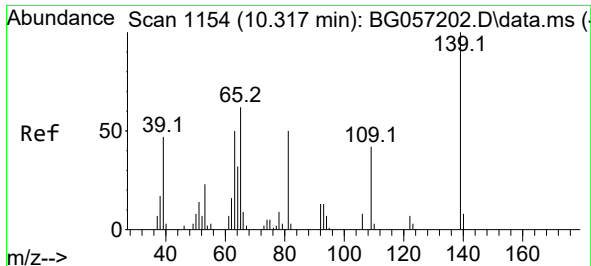
Ion Ratio Lower Upper

82 100

95 170.3 6.4 9.6#

138 8.8 12.3 18.5#

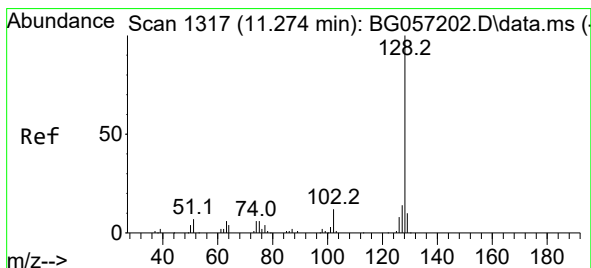
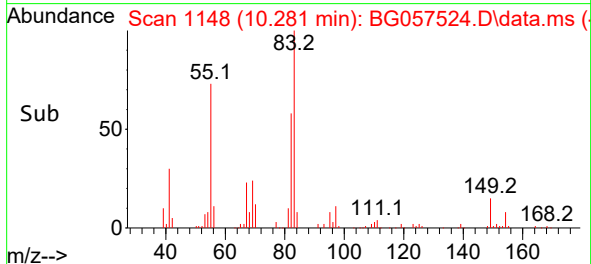
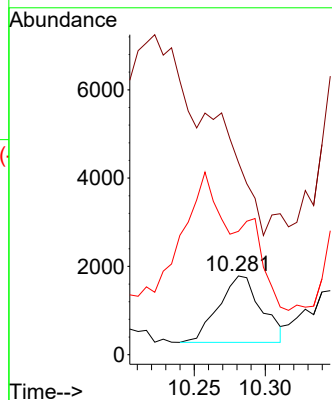
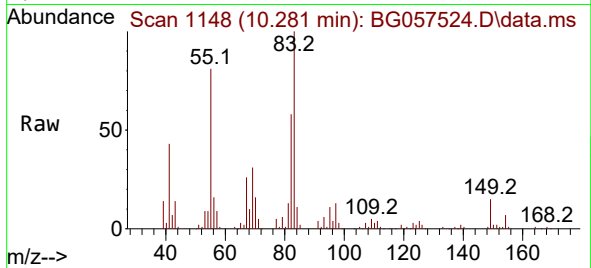




#26
2-Nitrophenol
Concen: 4.079 ng
RT: 10.281 min Scan# 1154
Delta R.T. -0.019 min
Lab File: BG057524.D
Acq: 23 May 2023 18:00

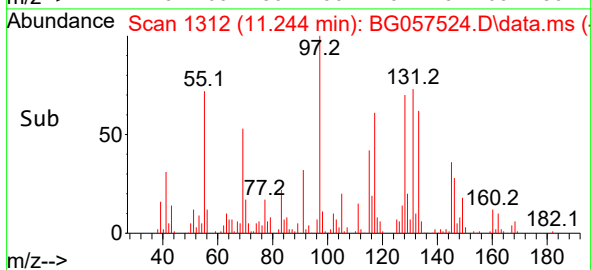
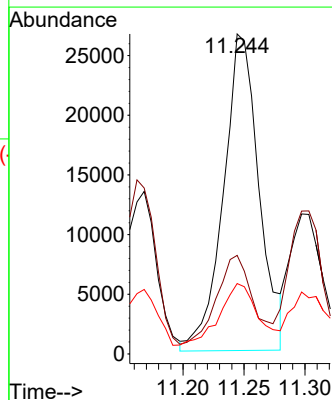
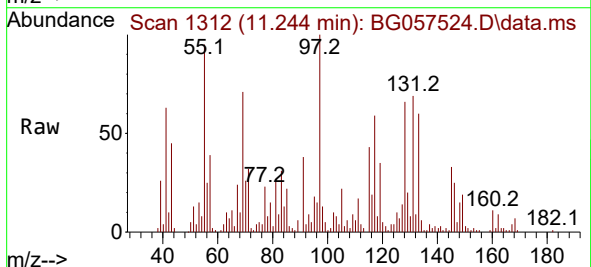
Instrument :
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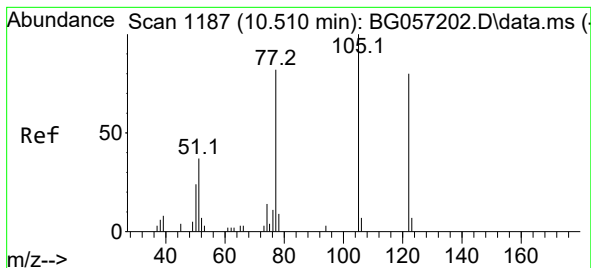
Tgt Ion:139 Resp: 3149
Ion Ratio Lower Upper
139 100
109 244.2 33.4 50.2#
65 156.7 49.8 74.6#



#31
Naphthalene
Concen: 12.040 ng
RT: 11.244 min Scan# 1312
Delta R.T. -0.002 min
Lab File: BG057524.D
Acq: 23 May 2023 18:00

Tgt Ion:128 Resp: 53987
Ion Ratio Lower Upper
128 100
129 30.8 8.3 12.5#
127 22.0 11.1 16.7#





#32

Benzoic acid

Concen: 5.688 ng

RT: 10.498 min Scan# 1185

Delta R.T. 0.010 min

Lab File: BG057524.D

Acq: 23 May 2023 18:00

Instrument :

BNA_G

ClientSampleId :

TP-30

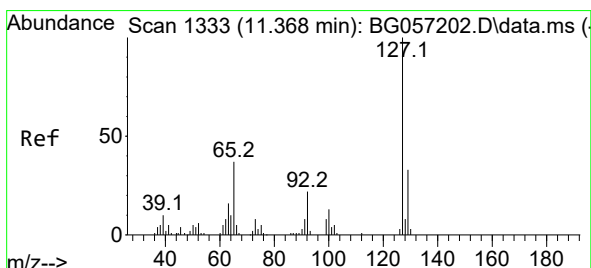
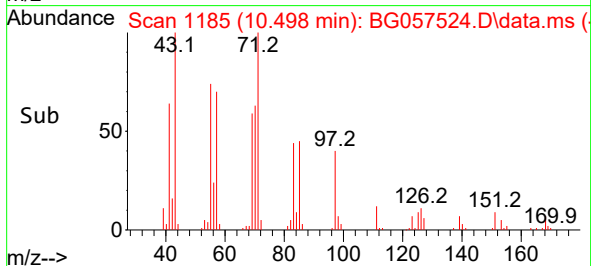
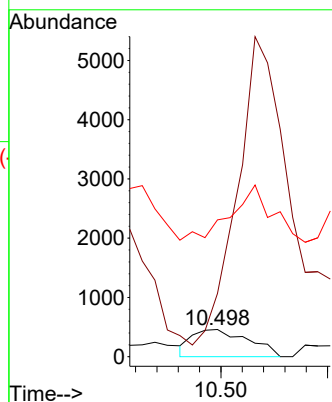
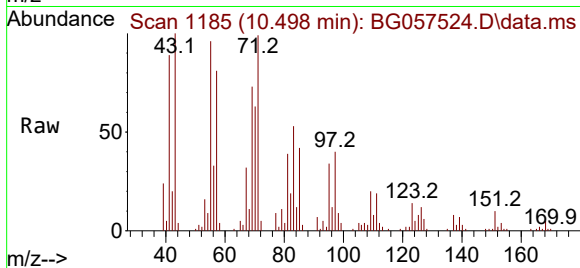
Tgt Ion:122 Resp: 840

Ion Ratio Lower Upper

122 100

105 232.2 105.2 145.2#

77 502.2 83.1 123.1#



#33

4-Chloroaniline

Concen: 2.836 ng

RT: 11.380 min Scan# 1335

Delta R.T. 0.028 min

Lab File: BG057524.D

Acq: 23 May 2023 18:00

Tgt Ion:127 Resp: 5711

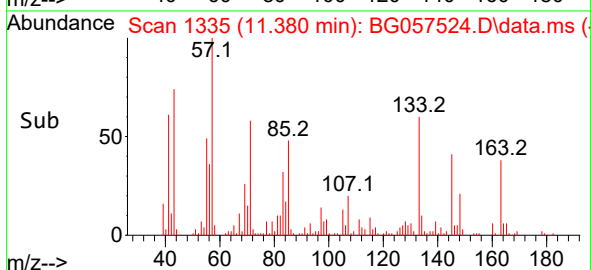
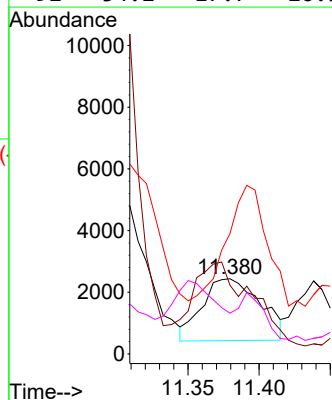
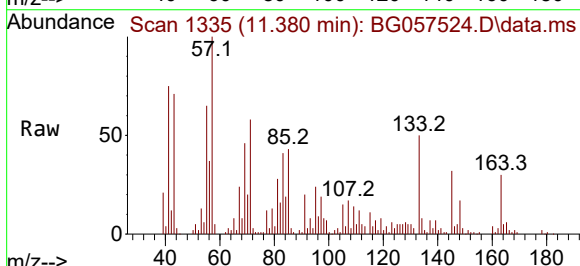
Ion Ratio Lower Upper

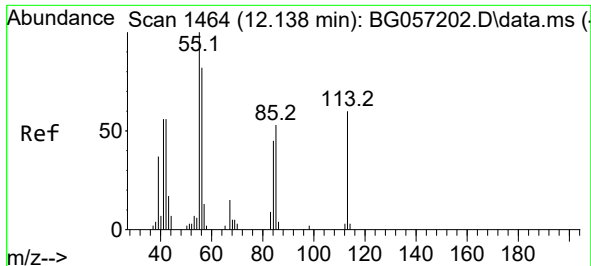
127 100

129 91.5 26.7 40.1#

65 160.0 29.7 44.5#

92 54.2 17.7 26.5#

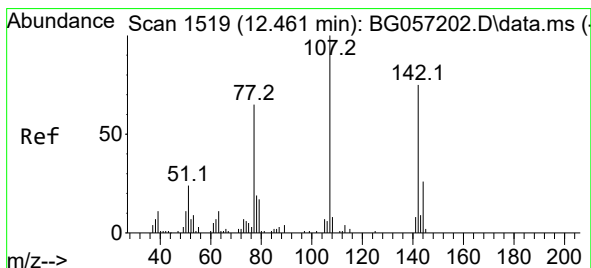
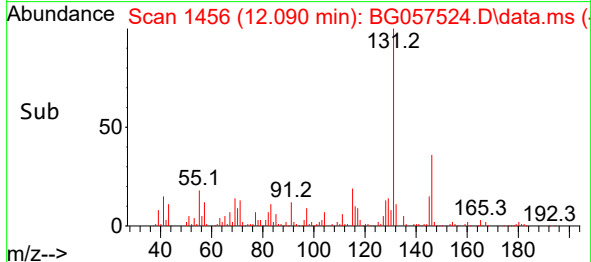
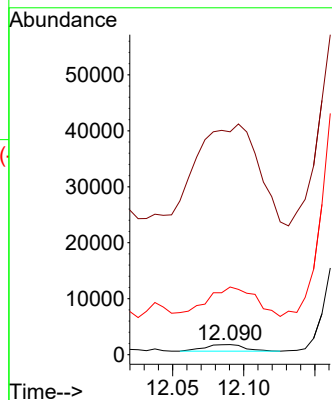
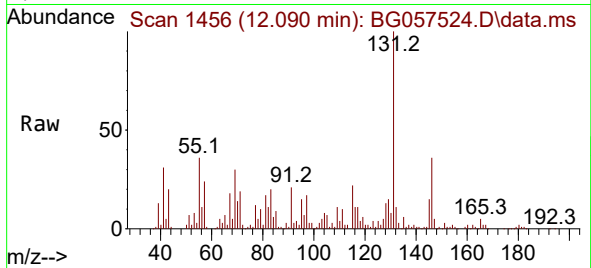




#35
 Caprolactam
 Concen: 4.743 ng
 RT: 12.090 min Scan# 1456
 Delta R.T. -0.031 min
 Lab File: BG057524.D
 Acq: 23 May 2023 18:00

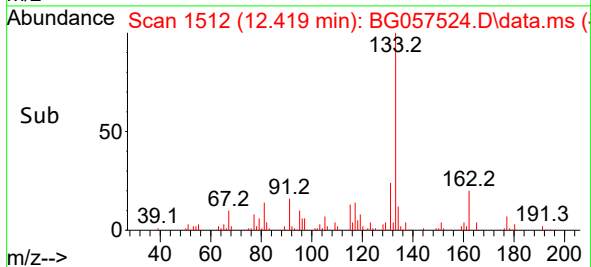
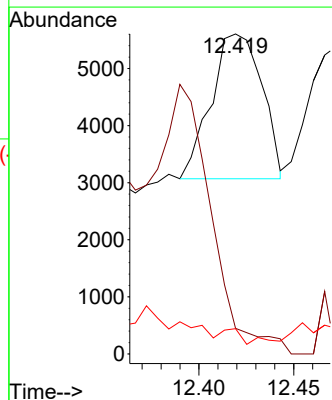
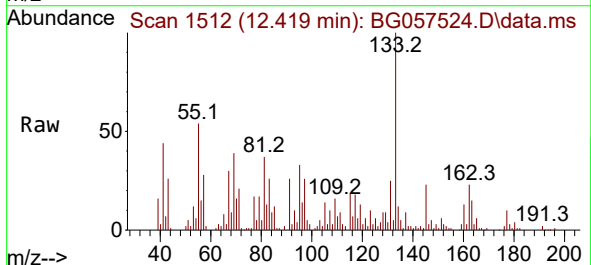
Instrument :
 BNA_G
 ClientSampleId :
 TP-30

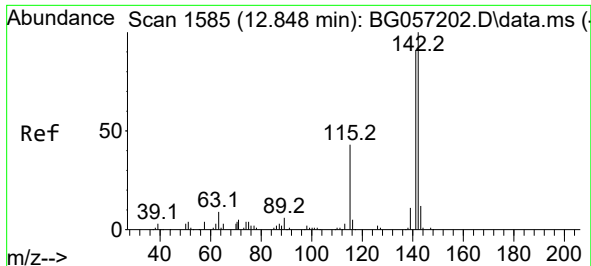
Tgt Ion:113 Resp: 2323
 Ion Ratio Lower Upper
 113 100
 55 2220.2 145.5 185.5#
 56 674.5 115.9 155.9#



#36
 4-Chloro-3-methylphenol
 Concen: 2.908 ng
 RT: 12.419 min Scan# 1512
 Delta R.T. -0.025 min
 Lab File: BG057524.D
 Acq: 23 May 2023 18:00

Tgt Ion:107 Resp: 4738
 Ion Ratio Lower Upper
 107 100
 144 8.0 21.0 31.6#
 142 7.9 60.0 90.0#





#37

2-Methylnaphthalene

Concen: 203.847 ng

RT: 12.842 min Scan# 1

Delta R.T. 0.016 min

Lab File: BG057524.D

Acq: 23 May 2023 18:00

Instrument :

BNA_G

ClientSampleId :

TP-30

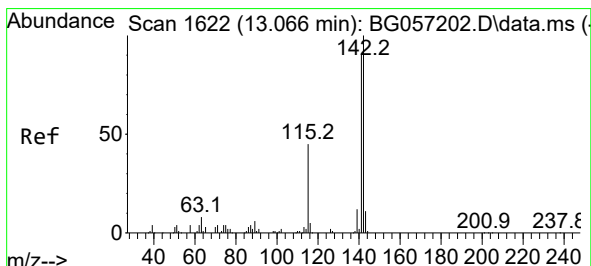
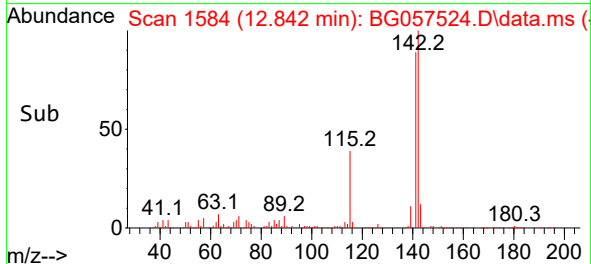
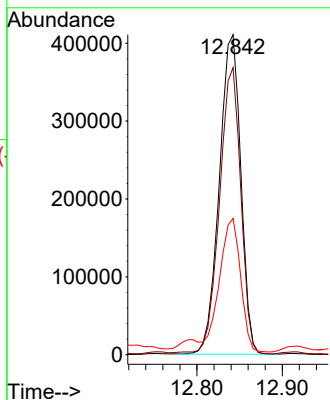
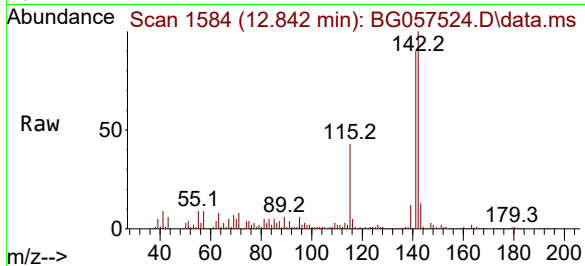
Tgt Ion:142 Resp: 718633

Ion Ratio Lower Upper

142 100

141 89.7 73.1 109.7

115 42.6 34.6 52.0



#38

1-Methylnaphthalene

Concen: 216.271 ng

RT: 12.842 min Scan# 1584

Delta R.T. -0.201 min

Lab File: BG057524.D

Acq: 23 May 2023 18:00

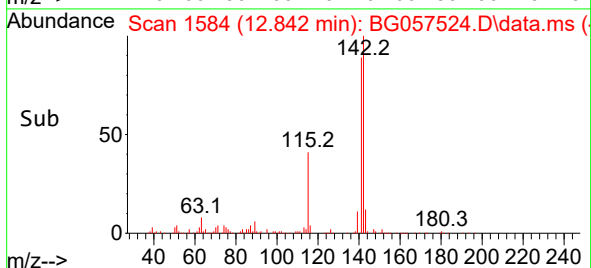
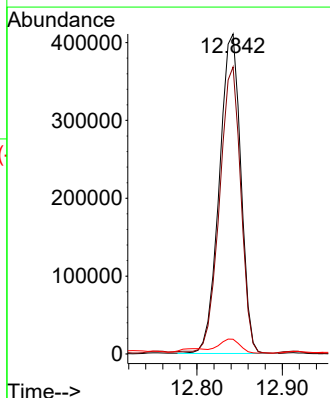
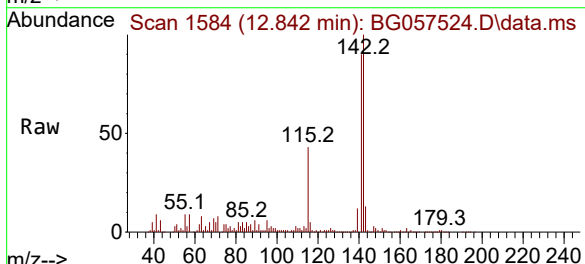
Tgt Ion:142 Resp: 718633

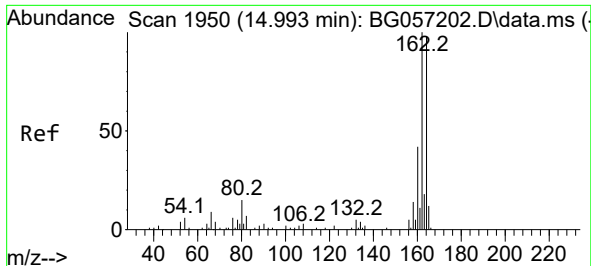
Ion Ratio Lower Upper

142 100

141 89.7 72.5 108.7

116 4.6 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.986 min Scan# 1949

Delta R.T. 0.010 min

Lab File: BG057524.D

Acq: 23 May 2023 18:00

Instrument :

BNA_G

ClientSampleId :

TP-30

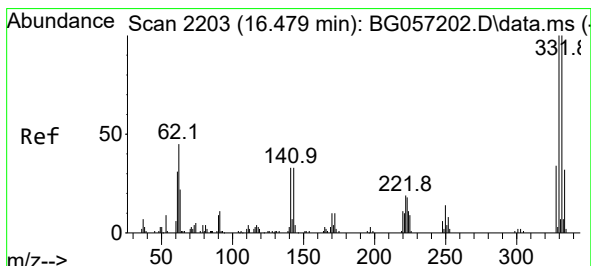
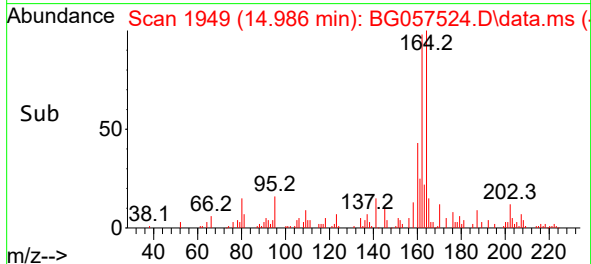
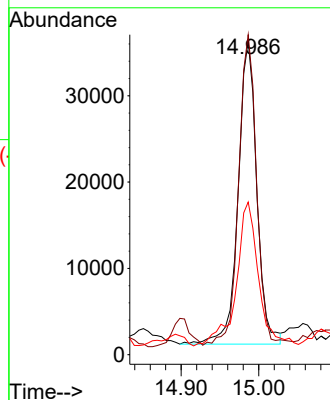
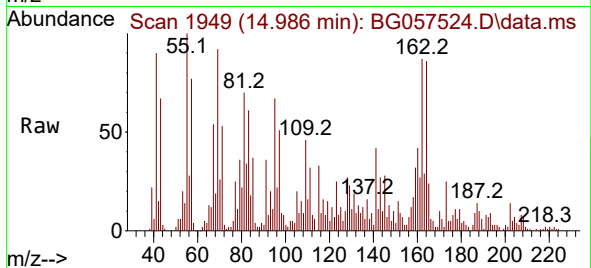
Tgt Ion:164 Resp: 58838

Ion Ratio Lower Upper

164 100

162 102.0 81.8 122.6

160 48.7 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 81.590 ng

RT: 16.473 min Scan# 2202

Delta R.T. 0.016 min

Lab File: BG057524.D

Acq: 23 May 2023 18:00

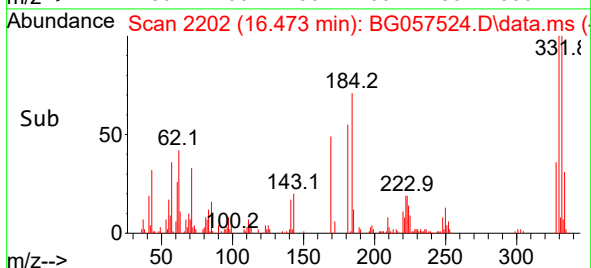
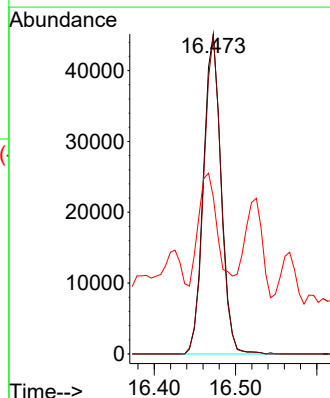
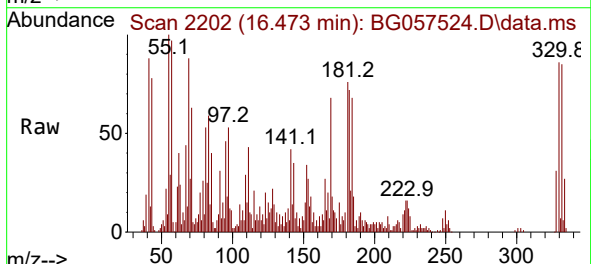
Tgt Ion:330 Resp: 68115

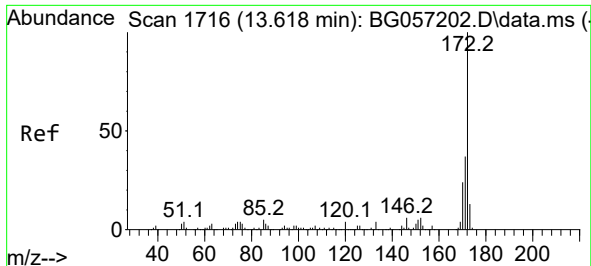
Ion Ratio Lower Upper

330 100

332 97.5 78.2 117.2

141 36.7 27.8 41.8

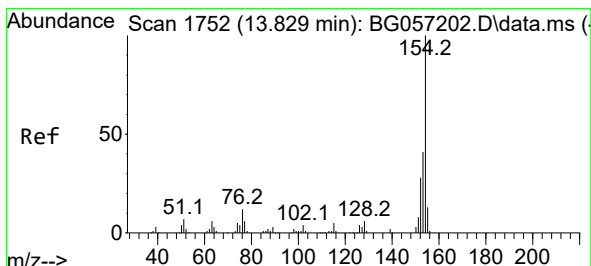
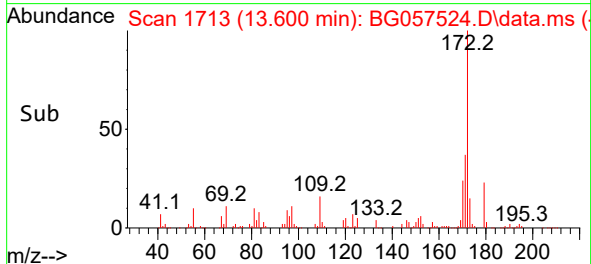
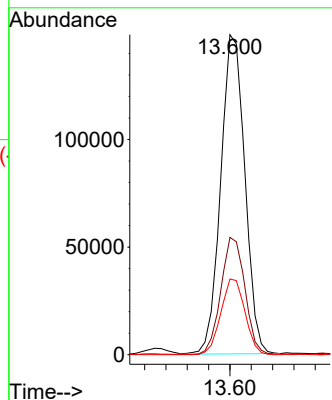
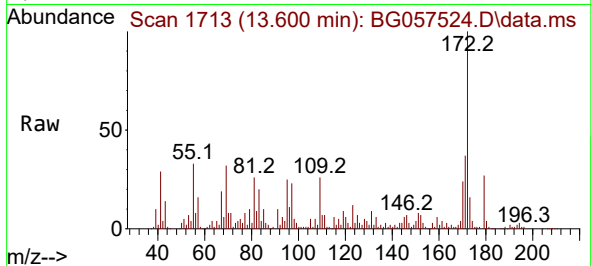




#45
2-Fluorobiphenyl
Concen: 53.283 ng
RT: 13.600 min Scan# 1716
Delta R.T. -0.002 min
Lab File: BG057524.D
Acq: 23 May 2023 18:00

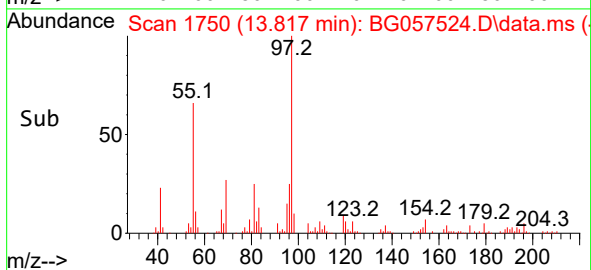
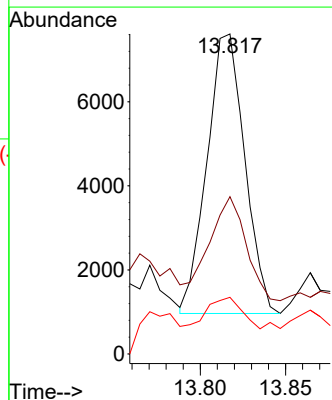
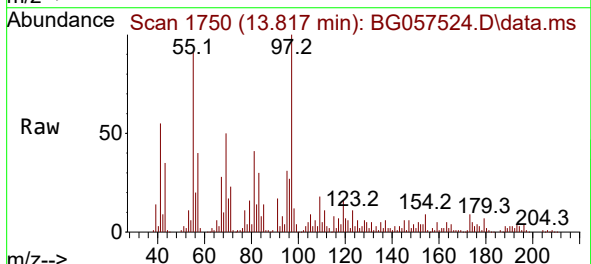
Instrument :
BNA_G
ClientSampleId :
TP-30

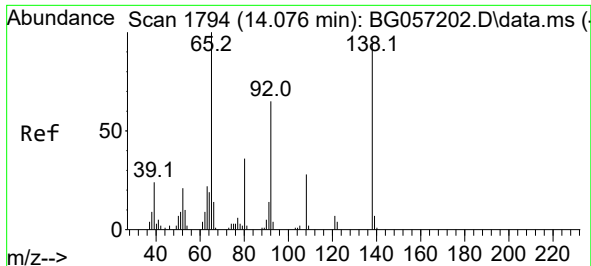
Tgt Ion:172 Resp: 232779
Ion Ratio Lower Upper
172 100
171 36.7 29.4 44.0
170 23.6 19.0 28.6



#46
1,1'-Biphenyl
Concen: 2.343 ng
RT: 13.817 min Scan# 1750
Delta R.T. 0.004 min
Lab File: BG057524.D
Acq: 23 May 2023 18:00

Tgt Ion:154 Resp: 10229
Ion Ratio Lower Upper
154 100
153 49.1 20.9 60.9
76 17.7 0.0 31.7

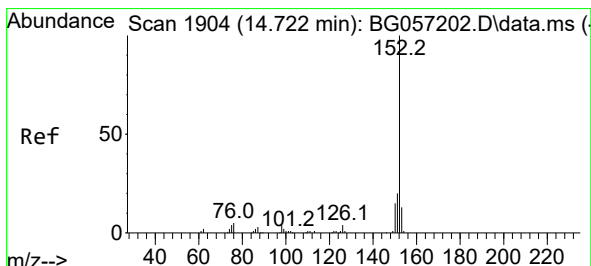
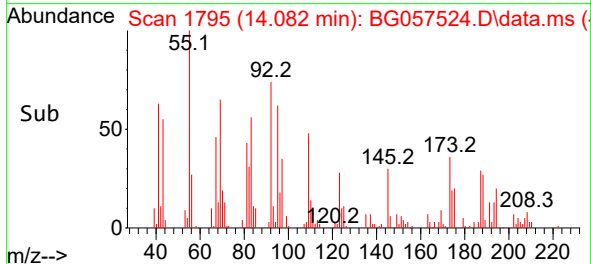
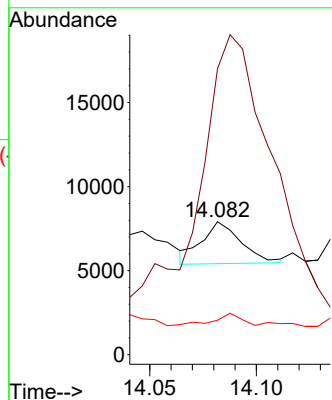
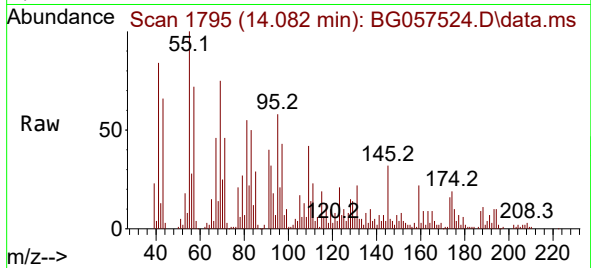




#48
2-Nitroaniline
Concen: 2.893 ng
RT: 14.082 min Scan# 11
Delta R.T. 0.022 min
Lab File: BG057524.D
Acq: 23 May 2023 18:00

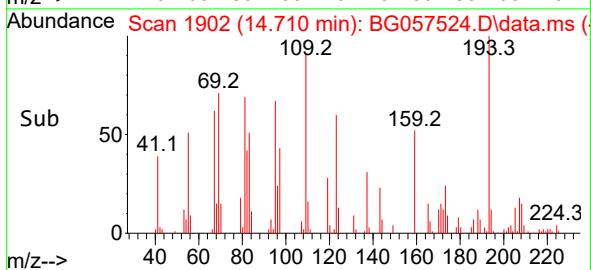
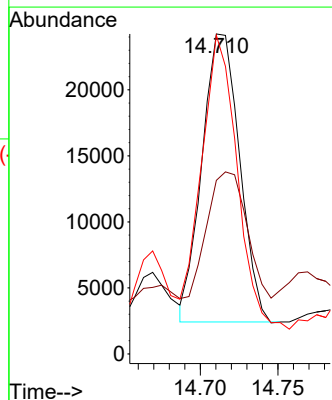
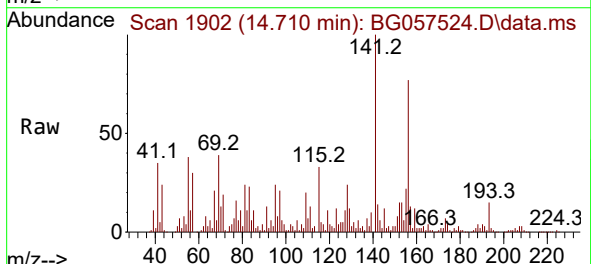
Instrument :
BNA_G
ClientSampleId :
TP-30

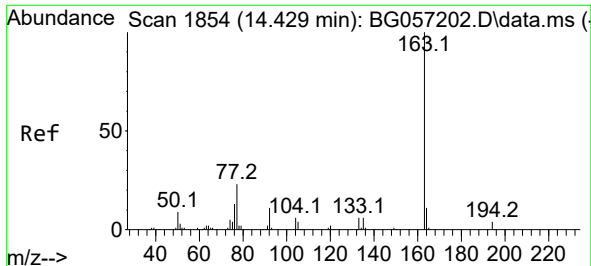
Tgt Ion: 65 Resp: 3194
Ion Ratio Lower Upper
65 100
92 214.8 52.1 78.1#
138 25.8 75.3 112.9#



#49
Acenaphthylene
Concen: 6.953 ng
RT: 14.710 min Scan# 1902
Delta R.T. 0.010 min
Lab File: BG057524.D
Acq: 23 May 2023 18:00

Tgt Ion:152 Resp: 36676
Ion Ratio Lower Upper
152 100
151 54.2 16.0 24.0#
153 99.6 10.7 16.1#

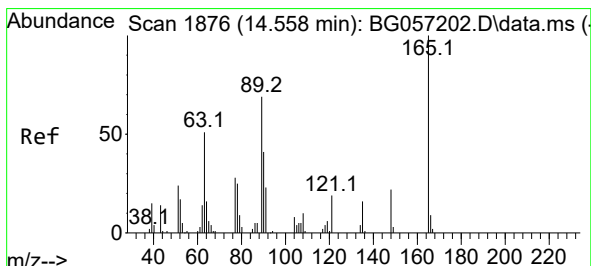
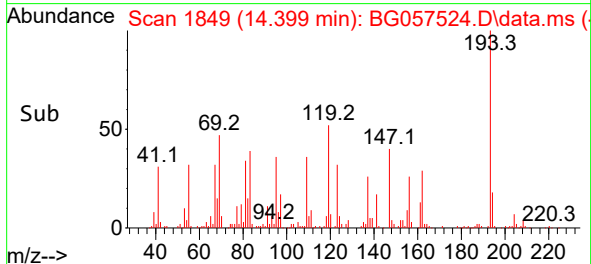
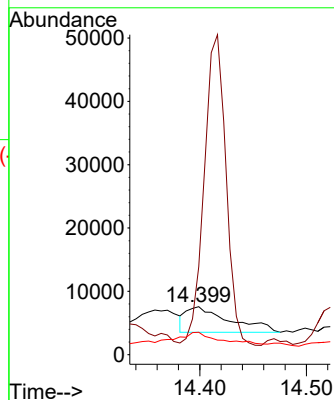
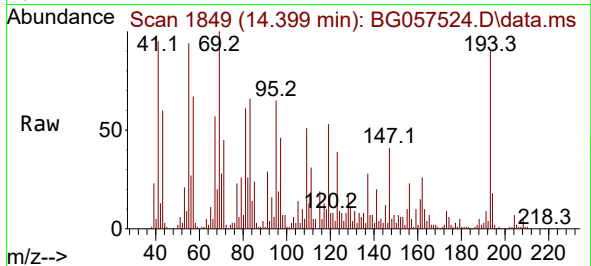




#50
Dimethylphthalate
Concen: 2.367 ng
RT: 14.399 min Scan# 1849
Delta R.T. -0.013 min
Lab File: BG057524.D
Acq: 23 May 2023 18:00

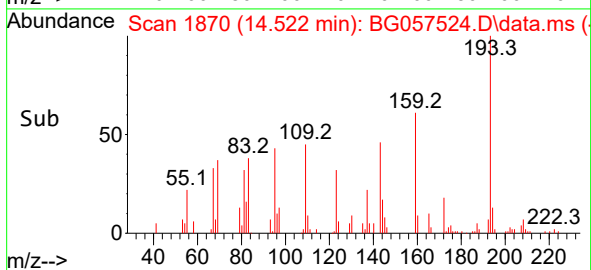
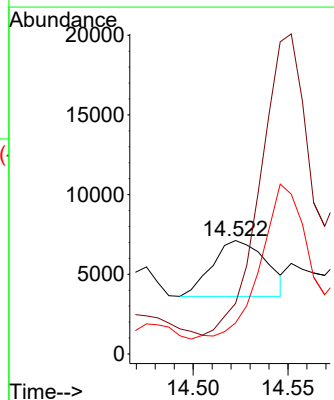
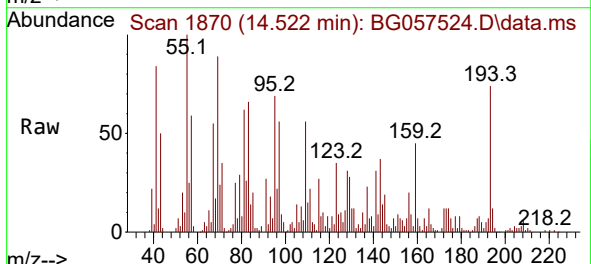
Instrument :
BNA_G
ClientSampleId :
TP-30

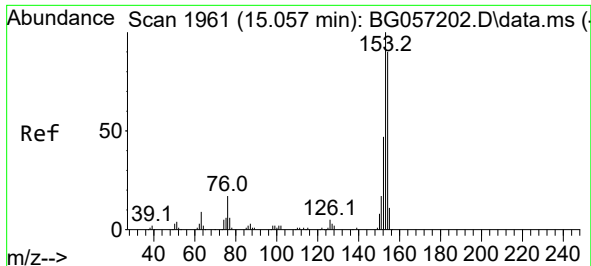
Tgt Ion:163 Resp: 11445
Ion Ratio Lower Upper
163 100
194 183.4 3.4 5.2#
164 46.6 8.8 13.2#



#51
2,6-Dinitrotoluene
Concen: 7.002 ng
RT: 14.522 min Scan# 1870
Delta R.T. -0.019 min
Lab File: BG057524.D
Acq: 23 May 2023 18:00

Tgt Ion:165 Resp: 6912
Ion Ratio Lower Upper
165 100
63 44.6 50.9 76.3#
89 27.4 55.2 82.8#

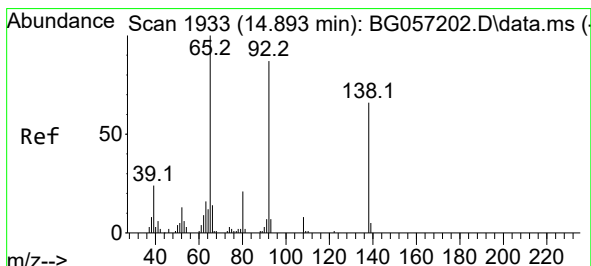
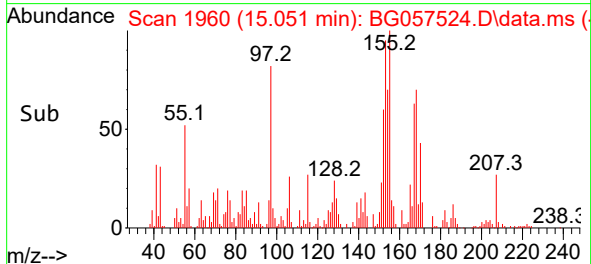
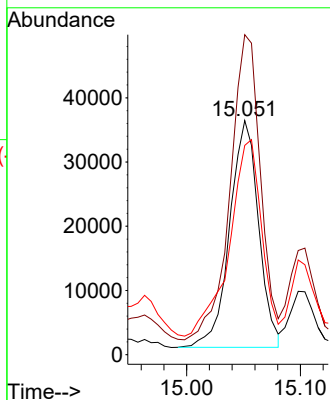
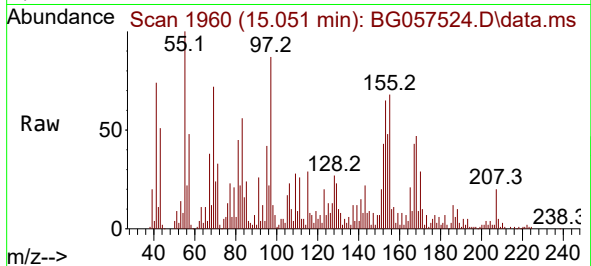




#52
Acenaphthene
Concen: 18.881 ng
RT: 15.051 min Scan# 1961
Delta R.T. 0.016 min
Lab File: BG057524.D
Acq: 23 May 2023 18:00

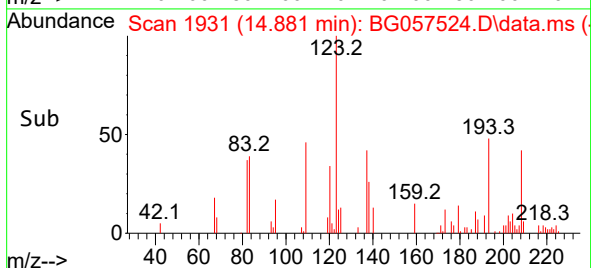
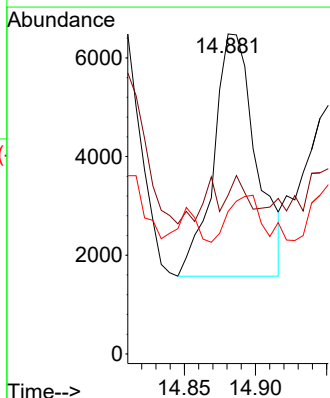
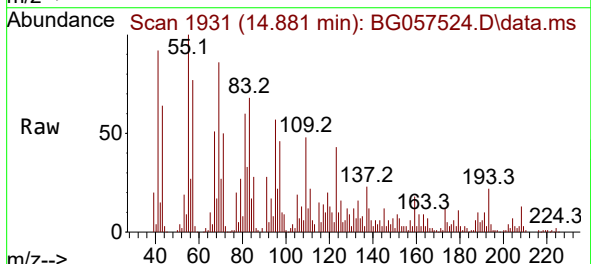
Instrument :
BNA_G
ClientSampleId :
TP-30

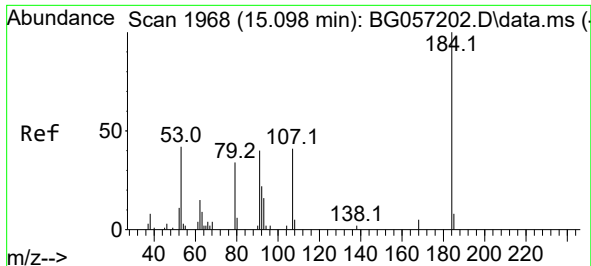
Tgt Ion:154 Resp: 62230
Ion Ratio Lower Upper
154 100
153 136.7 89.3 133.9#
152 89.4 41.7 62.5#



#53
3-Nitroaniline
Concen: 10.329 ng
RT: 14.881 min Scan# 1931
Delta R.T. 0.004 min
Lab File: BG057524.D
Acq: 23 May 2023 18:00

Tgt Ion:138 Resp: 10215
Ion Ratio Lower Upper
138 100
108 49.7 9.5 14.3#
92 44.5 106.2 159.4#

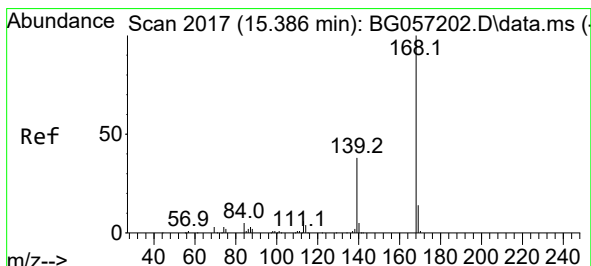
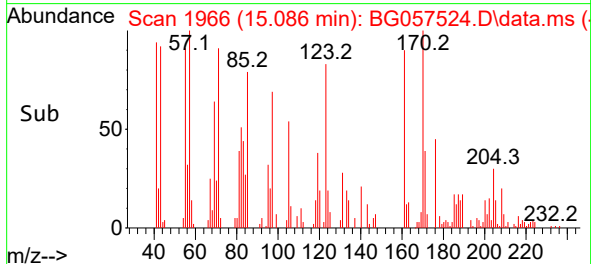
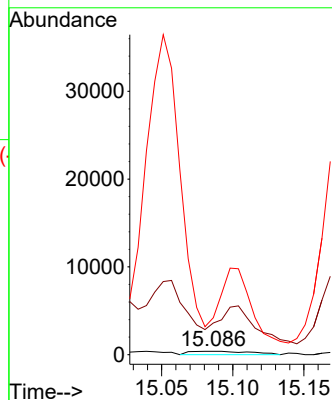
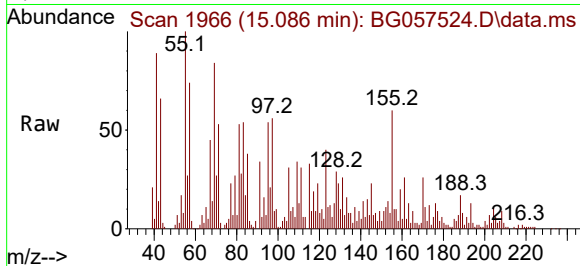




#54
2,4-Dinitrophenol
Concen: 6.748 ng
RT: 15.086 min Scan# 1966
Delta R.T. -0.002 min
Lab File: BG057524.D
Acq: 23 May 2023 18:00

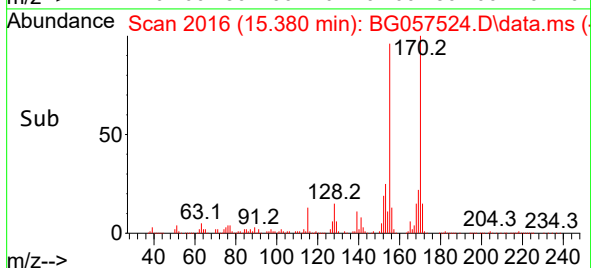
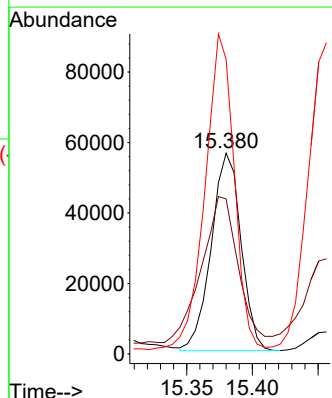
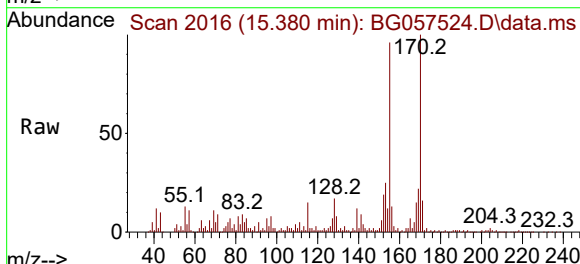
Instrument :
BNA_G
ClientSampleId :
TP-30

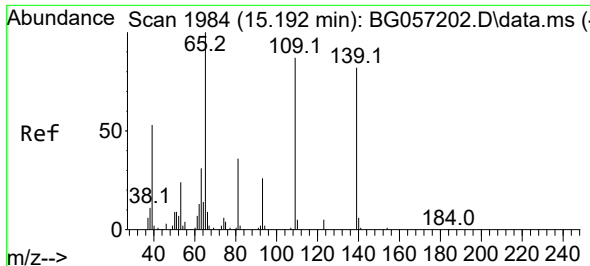
Tgt Ion:184 Resp: 1193
Ion Ratio Lower Upper
184 100
63 938.4 48.2 72.4#
154 1091.7 55.4 83.2#



#55
Dibenzofuran
Concen: 15.977 ng
RT: 15.380 min Scan# 2016
Delta R.T. 0.010 min
Lab File: BG057524.D
Acq: 23 May 2023 18:00

Tgt Ion:168 Resp: 88477
Ion Ratio Lower Upper
168 100
139 77.2 30.7 46.1#
169 146.7 10.9 16.3#

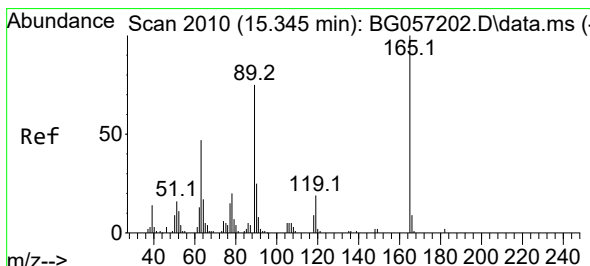
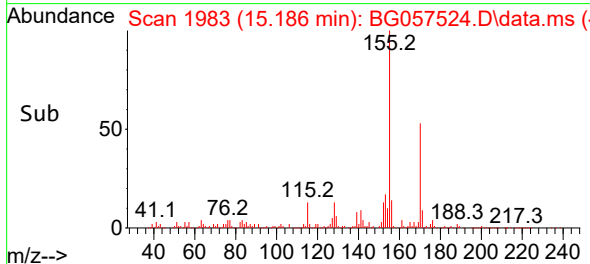
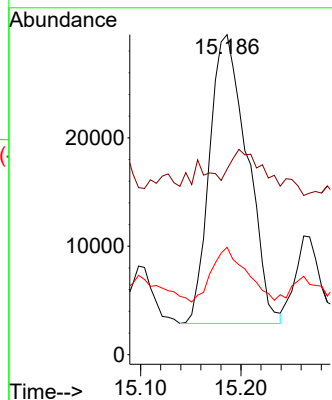
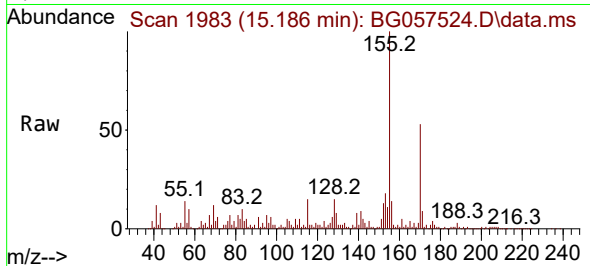




#56
4-Nitrophenol
Concen: 105.874 ng
RT: 15.186 min Scan# 1984
Delta R.T. 0.004 min
Lab File: BG057524.D
Acq: 23 May 2023 18:00

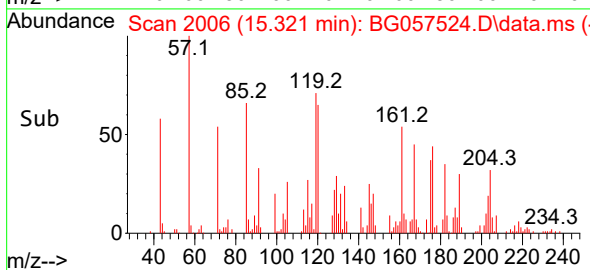
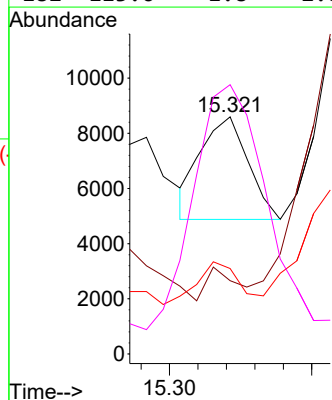
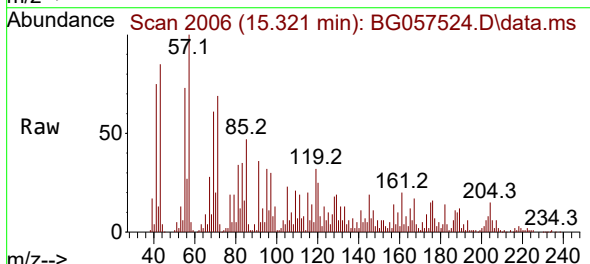
Instrument :
BNA_G
ClientSampleId :
TP-30

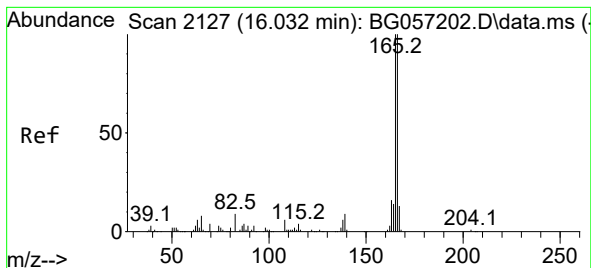
Tgt Ion:139 Resp: 69641
Ion Ratio Lower Upper
139 100
109 58.0 86.6 126.6#
65 33.6 102.6 142.6#



#57
2,4-Dinitrotoluene
Concen: 3.039 ng
RT: 15.321 min Scan# 2006
Delta R.T. -0.007 min
Lab File: BG057524.D
Acq: 23 May 2023 18:00

Tgt Ion:165 Resp: 4288
Ion Ratio Lower Upper
165 100
63 30.9 37.5 56.3#
89 36.1 60.2 90.4#
182 113.6 1.8 2.8#





#58

Fluorene

Concen: 25.078 ng

RT: 16.032 min Scan# 21

Delta R.T. 0.016 min

Lab File: BG057524.D

Acq: 23 May 2023 18:00

Instrument :

BNA_G

ClientSampleId :

TP-30

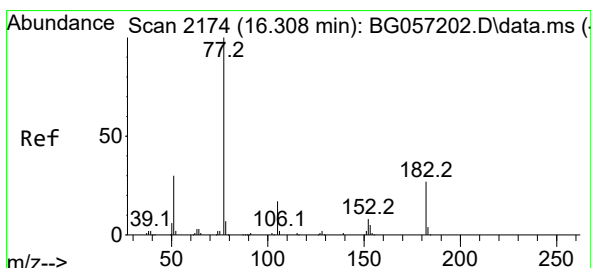
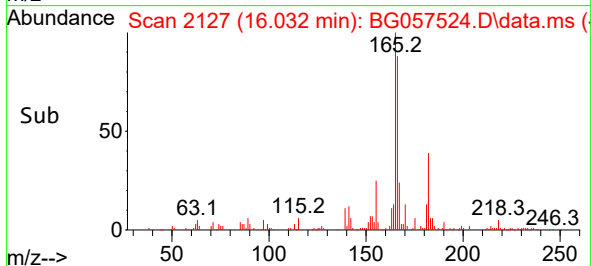
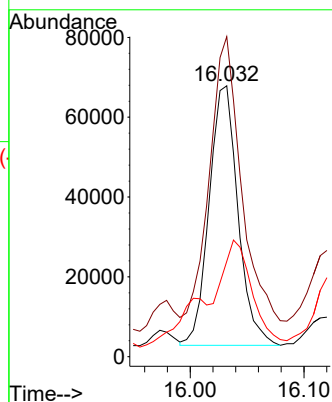
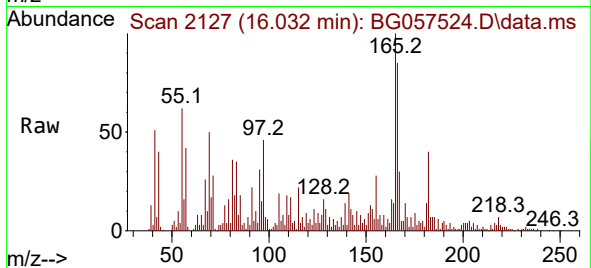
Tgt Ion:166 Resp: 114394

Ion Ratio Lower Upper

166 100

165 118.1 80.1 120.1

167 35.2 10.2 15.2#



#63

Azobenzene

Concen: 2.454 ng

RT: 16.285 min Scan# 2170

Delta R.T. -0.002 min

Lab File: BG057524.D

Acq: 23 May 2023 18:00

Tgt Ion: 77 Resp: 11625

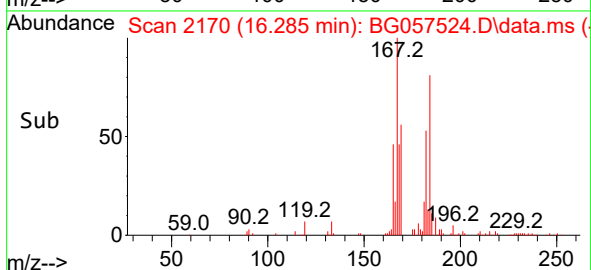
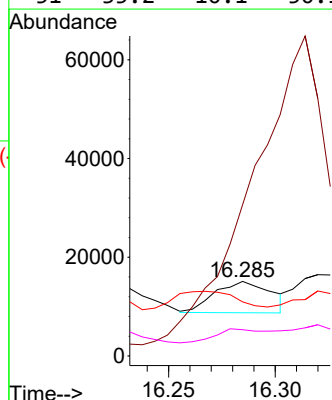
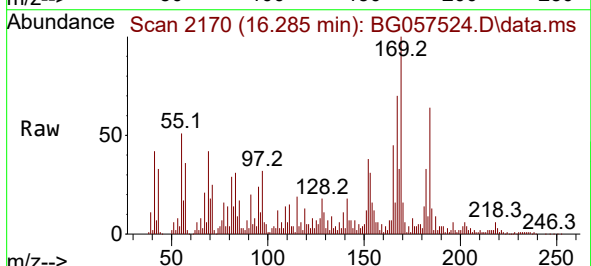
Ion Ratio Lower Upper

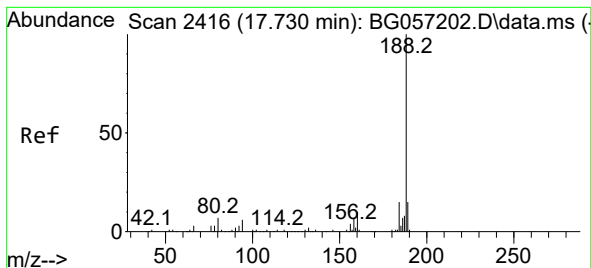
77 100

182 202.9 7.4 47.4#

105 72.7 0.0 37.2#

51 35.2 10.1 50.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.724 min Scan# 2416

Delta R.T. 0.010 min

Lab File: BG057524.D

Acq: 23 May 2023 18:00

Instrument :

BNA_G

ClientSampleId :

TP-30

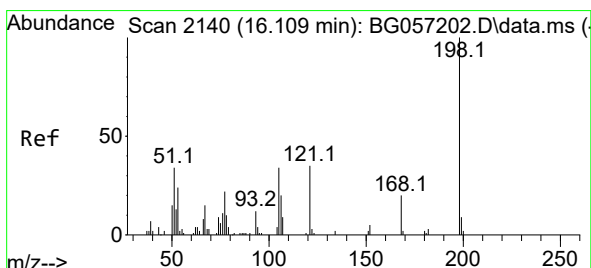
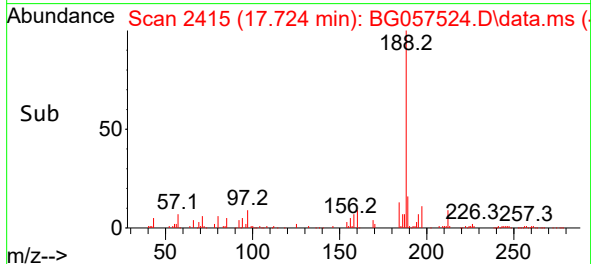
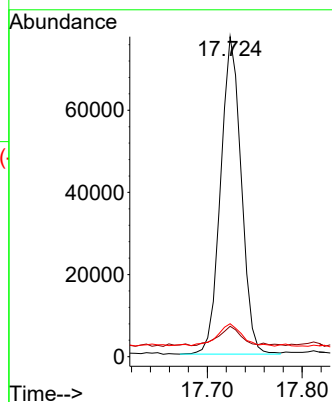
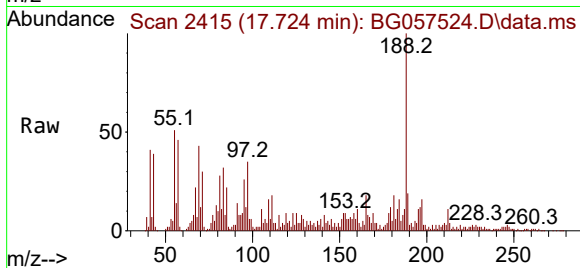
Tgt Ion:188 Resp: 116826

Ion Ratio Lower Upper

188 100

94 9.5 5.1 7.7#

80 10.3 5.7 8.5#



#65

4,6-Dinitro-2-methylphenol

Concen: 2.027 ng

RT: 16.061 min Scan# 2132

Delta R.T. -0.031 min

Lab File: BG057524.D

Acq: 23 May 2023 18:00

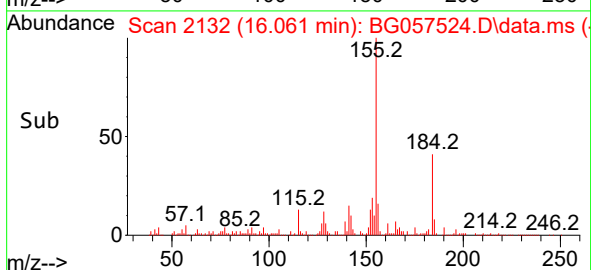
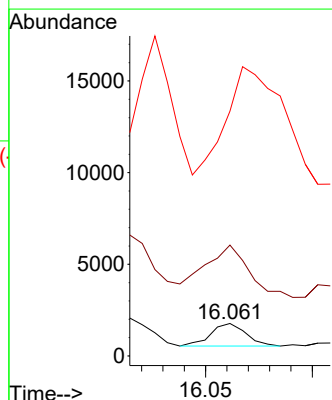
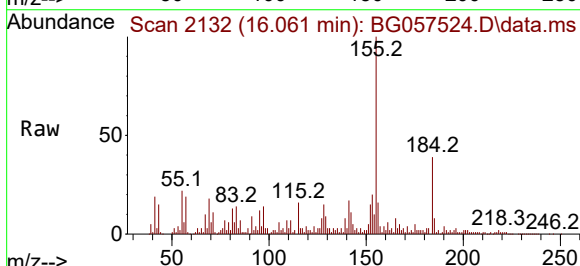
Tgt Ion:198 Resp: 1414

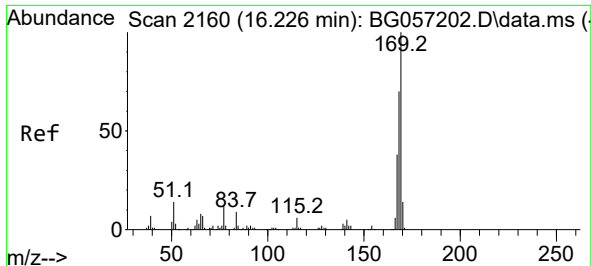
Ion Ratio Lower Upper

198 100

51 340.7 16.1 56.1#

105 752.5 14.0 54.0#

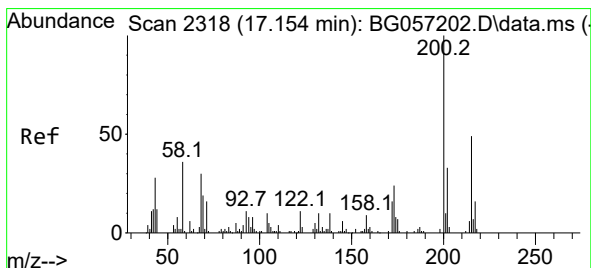
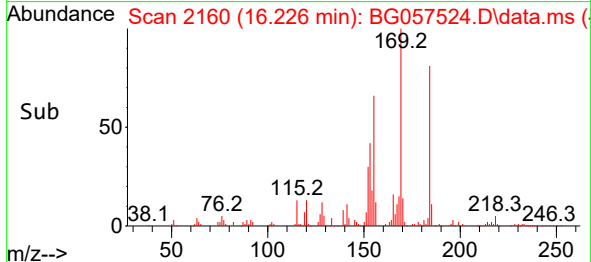
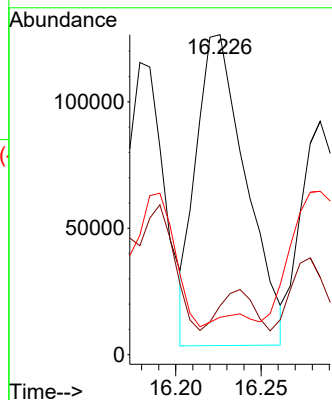
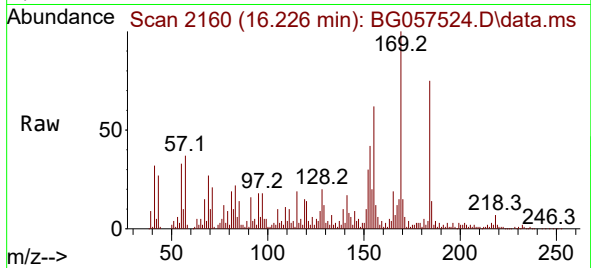




#66
n-Nitrosodiphenylamine
Concen: 78.579 ng
RT: 16.226 min Scan# 2160
Delta R.T. 0.016 min
Lab File: BG057524.D
Acq: 23 May 2023 18:00

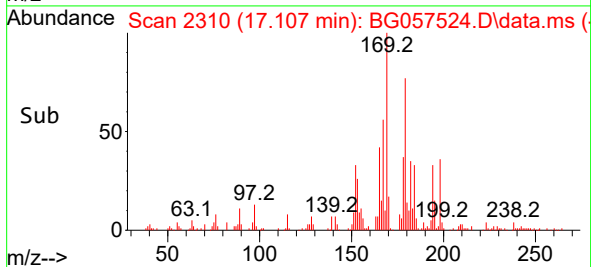
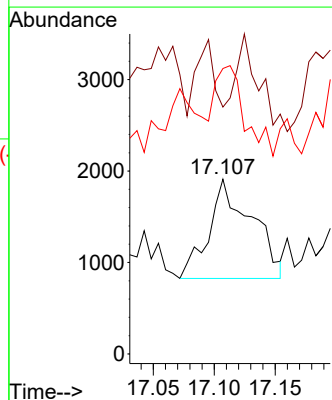
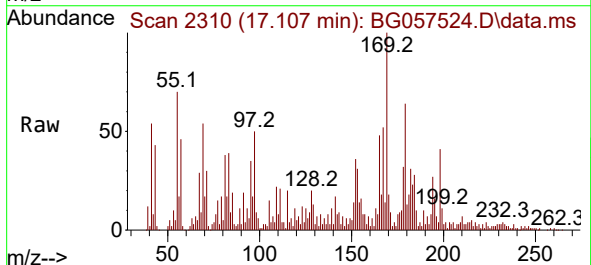
Instrument :
BNA_G
ClientSampleId :
TP-30

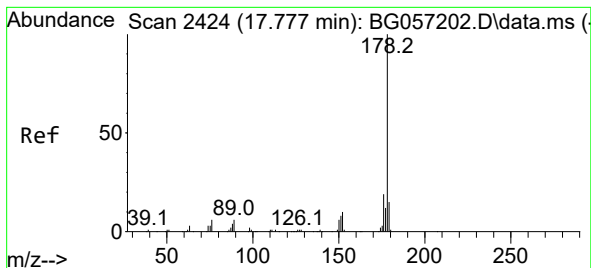
Tgt Ion:169 Resp: 249332
Ion Ratio Lower Upper
169 100
168 15.2 56.2 84.4#
167 11.7 30.2 45.4#



#69
Atrazine
Concen: 2.195 ng
RT: 17.107 min Scan# 2310
Delta R.T. -0.031 min
Lab File: BG057524.D
Acq: 23 May 2023 18:00

Tgt Ion:200 Resp: 2657
Ion Ratio Lower Upper
200 100
173 141.2 4.3 44.3#
215 163.4 29.3 69.3#





#71

Phenanthrene

Concen: 69.613 ng

RT: 17.771 min Scan# 2424

Delta R.T. 0.016 min

Lab File: BG057524.D

Acq: 23 May 2023 18:00

Instrument :

BNA_G

ClientSampleId :

TP-30

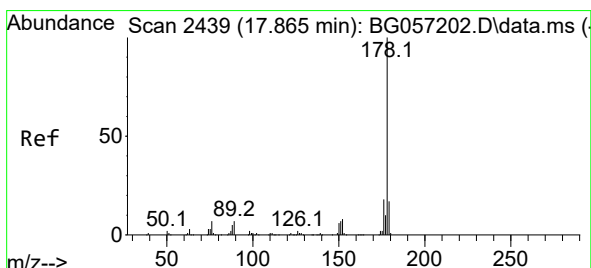
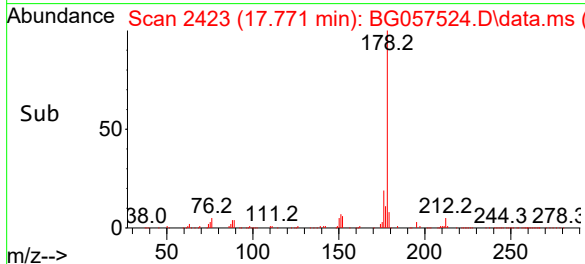
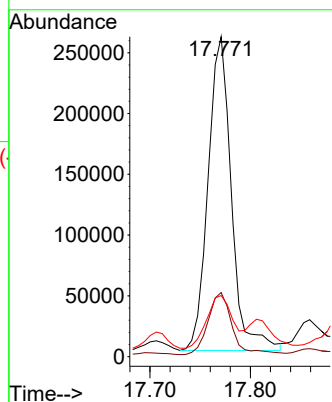
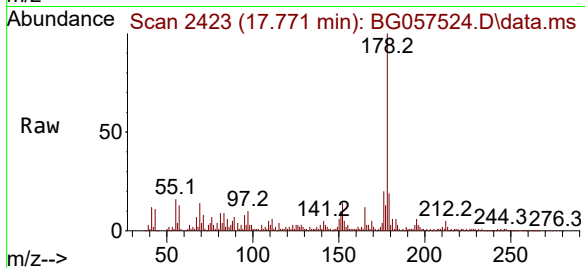
Tgt Ion:178 Resp: 416731

Ion Ratio Lower Upper

178 100

176 20.1 15.4 23.2

179 19.1 12.3 18.5#



#72

Anthracene

Concen: 67.843 ng

RT: 17.771 min Scan# 2423

Delta R.T. -0.078 min

Lab File: BG057524.D

Acq: 23 May 2023 18:00

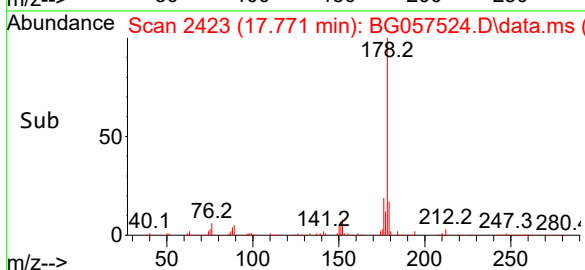
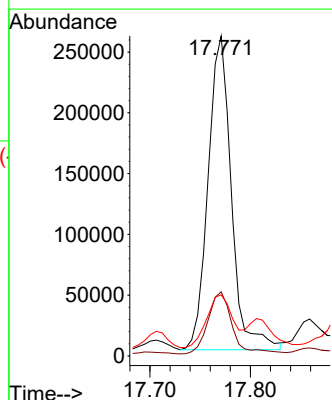
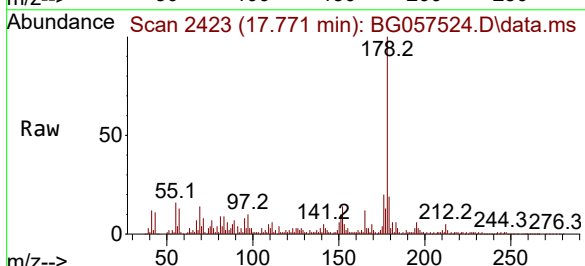
Tgt Ion:178 Resp: 416731

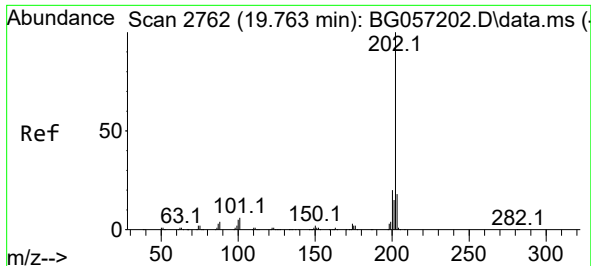
Ion Ratio Lower Upper

178 100

176 20.1 14.7 22.1

179 19.1 13.2 19.8

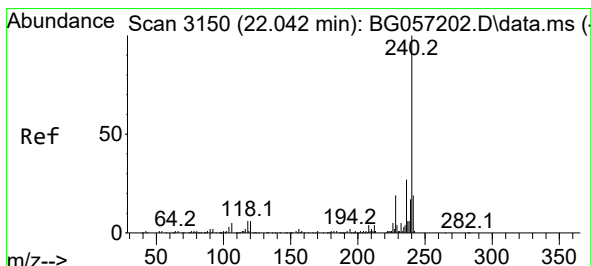
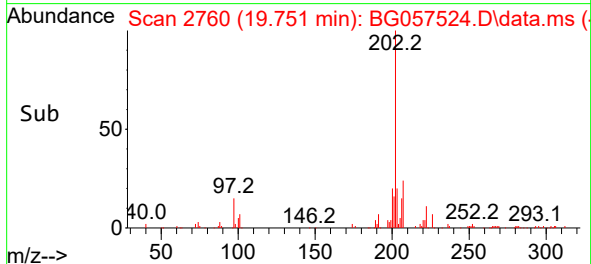
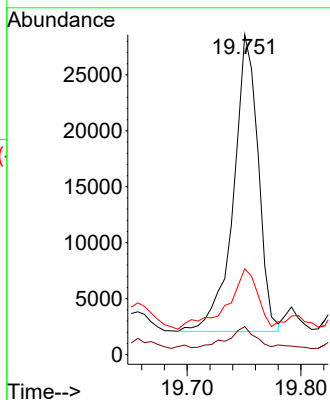
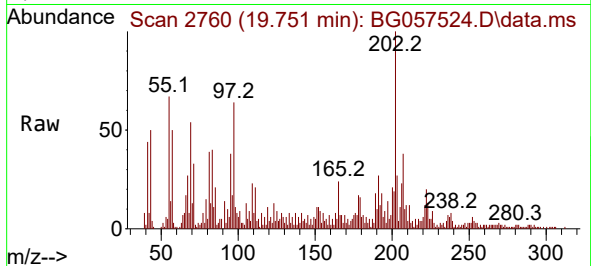




#75
Fluoranthene
Concen: 5.363 ng
RT: 19.751 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG057524.D
Acq: 23 May 2023 18:00

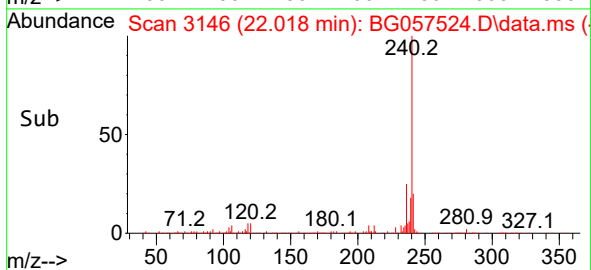
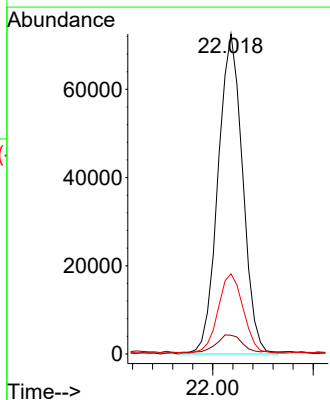
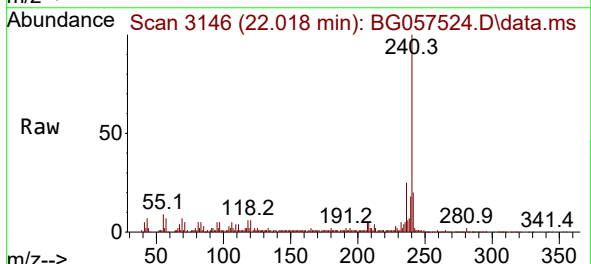
Instrument :
BNA_G
ClientSampleId :
TP-30

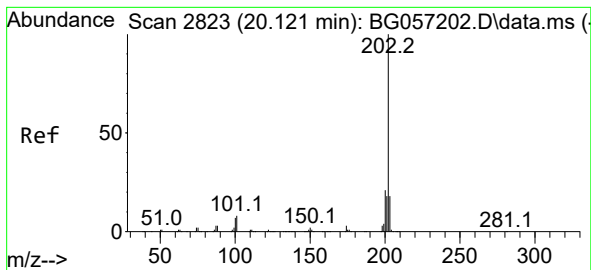
Tgt Ion:202 Resp: 39931
Ion Ratio Lower Upper
202 100
101 8.8 0.0 26.2
203 26.8 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.018 min Scan# 3146
Delta R.T. -0.002 min
Lab File: BG057524.D
Acq: 23 May 2023 18:00

Tgt Ion:240 Resp: 123606
Ion Ratio Lower Upper
240 100
120 5.9 4.9 7.3
236 25.1 21.4 32.2





#78

Pyrene

Concen: 8.264 ng

RT: 20.109 min Scan# 2

Delta R.T. 0.004 min

Lab File: BG057524.D

Acq: 23 May 2023 18:00

Instrument :

BNA_G

ClientSampleId :

TP-30

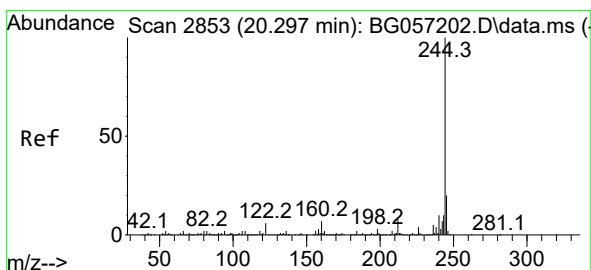
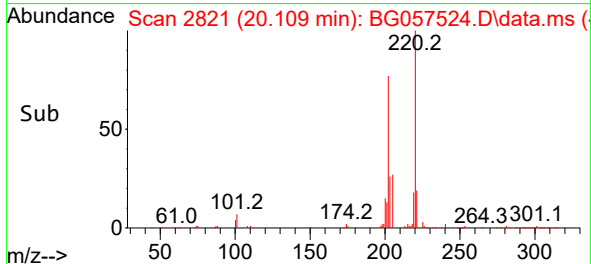
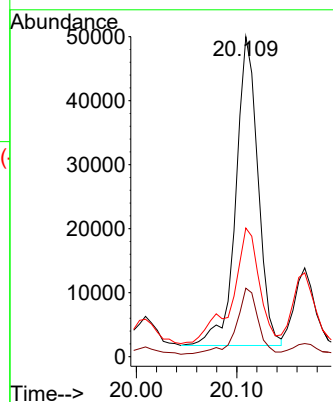
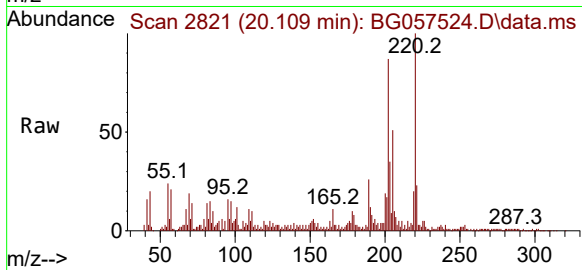
Tgt Ion:202 Resp: 74230

Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.4

203 40.2 14.2 21.4#



#79

Terphenyl-d14

Concen: 53.391 ng

RT: 20.279 min Scan# 2850

Delta R.T. -0.002 min

Lab File: BG057524.D

Acq: 23 May 2023 18:00

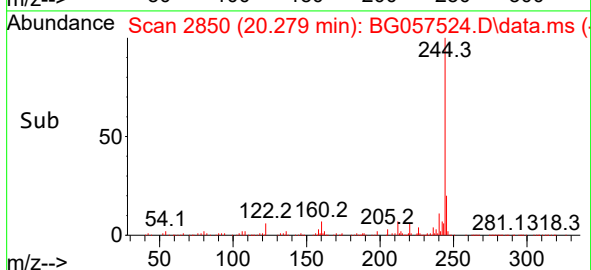
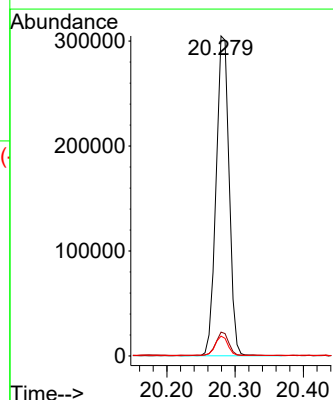
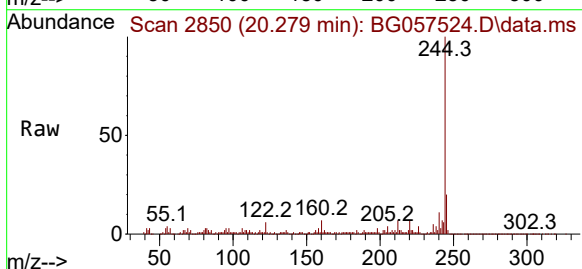
Tgt Ion:244 Resp: 404401

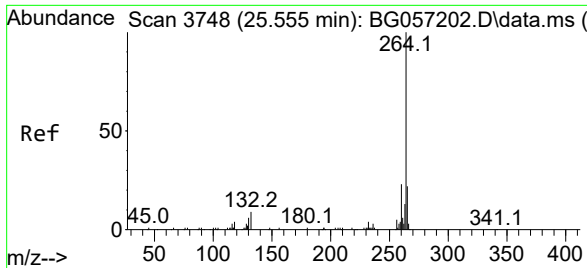
Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

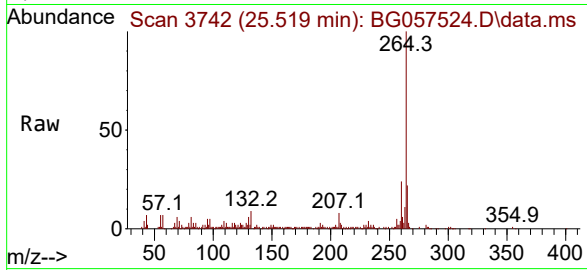
122 6.2 5.1 7.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.519 min Scan# 31
Delta R.T. 0.004 min
Lab File: BG057524.D
Acq: 23 May 2023 18:00

Instrument :
BNA_G
ClientSampleId :
TP-30



Tgt Ion:264 Resp: 136892

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	22.1	17.9	26.9

