

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
 Data File : BG057770.D
 Acq On : 20 Jun 2023 10:45
 Operator : CG/JU
 Sample : 03289-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-02-12.0-14.0

Quant Time: Jun 20 12:07:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 03:40:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	32241	20.000	ng	0.00
21) Naphthalene-d8	10.726	136	129741	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	84901	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	212773	20.000	ng	0.00
76) Chrysene-d12	21.555	240	216829	20.000	ng	0.00
86) Perylene-d12	24.704	264	262312	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.497	112	217729	104.128	ng	0.00
7) Phenol-d6	7.083	99	300011	94.032	ng	0.00
23) Nitrobenzene-d5	9.081	82	180084	71.238	ng	-0.01
42) 2,4,6-Tribromophenol	16.044	330	121455	102.696	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	378907	67.691	ng	0.00
79) Terphenyl-d14	19.921	244	780344	67.107	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.411	88	127	0.133	ng	# 84
3) Pyridine	3.288	79	65	0.022	ng	# 1
4) n-Nitrosodimethylamine	3.711	42	192	0.145	ng	# 1
9) Benzaldehyde	7.072	77	373	0.186	ng	# 4
10) Phenol	7.107	94	120	0.038	ng	# 1
15) Benzyl Alcohol	7.929	79	949	0.389	ng	# 1
16) 2,2'-oxybis(1-Chloropr...	8.447	45	232	0.050	ng	74
19) n-Nitroso-di-n-propyla...	9.081	70	22468	10.101	ng	# 83
20) 3+4-Methylphenols	8.840	107	54	0.017	ng	# 21
24) Nitrobenzene	9.081	77	514	0.195	ng	# 25
25) Isophorone	9.222	82	57	0.010	ng	# 71
46) 1,1'-Biphenyl	13.188	154	757	0.130	ng	# 1
48) 2-Nitroaniline	13.635	65	102	0.064	ng	# 12
49) Acenaphthylene	14.163	152	61	0.008	ng	# 60
51) 2,6-Dinitrotoluene	14.557	165	11479	9.559	ng	# 22
52) Acenaphthene	14.569	154	414	0.087	ng	# 3
53) 3-Nitroaniline	14.363	138	58	0.043	ng	# 1
55) Dibenzofuran	14.910	168	54	0.007	ng	# 47
57) 2,4-Dinitrotoluene	14.557	165	11479	7.049	ng	# 22
58) Fluorene	16.044	166	4760	0.786	ng	# 92
60) Diethylphthalate	15.368	149	610	0.091	ng	# 1
62) 4-Nitroaniline	15.638	138	60	0.043	ng	# 14
63) Azobenzene	16.032	77	1282	0.187	ng	74
65) 4,6-Dinitro-2-methylph...	16.044	198	298	5.583	ng	# 1
66) n-Nitrosodiphenylamine	16.044	169	3836	0.683	ng	# 49
67) 4-Bromophenyl-phenylether	16.044	248	7962	3.528	ng	# 1
71) Phenanthrene	17.342	178	515	0.050	ng	# 59
72) Anthracene	17.418	178	180	0.017	ng	# 59
73) Carbazole	17.700	167	277	0.029	ng	# 58
74) Di-n-butylphthalate	18.264	149	4346	0.378	ng	# 92
75) Fluoranthene	19.351	202	2871	0.234	ng	87
77) Benzidine	19.915	184	10826	2.130	ng	# 89
78) Pyrene	19.716	202	4082	0.264	ng	# 91
80) Butylbenzylphthalate	20.609	149	1289	0.219	ng	# 70
81) Benzo(a)anthracene	21.537	228	2652	0.178	ng	# 87
82) 3,3'-Dichlorobenzidine	21.214	252	151	0.030	ng	# 1

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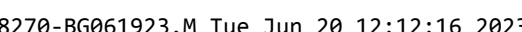
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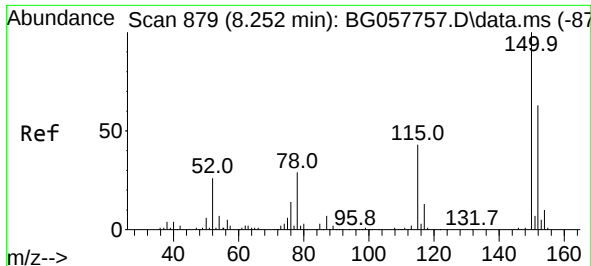
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

83) Chrysene	21.602	228	2502	0.175	ng	# 78
84) Bis(2-ethylhexyl)phtha...	21.455	149	3649	0.427	ng	# 71
85) Di-n-octyl phthalate	22.642	149	1196	0.080	ng	# 1
87) Indeno(1,2,3-cd)pyrene	28.264	276	917	0.053	ng	# 49
88) Benzo(b)fluoranthene	23.699	252	2323	0.162	ng	# 33
89) Benzo(k)fluoranthene	23.776	252	1720	0.117	ng	# 44
90) Benzo(a)pyrene	24.545	252	1288	0.091	ng	# 38
91) Dibenzo(a,h)anthracene	28.347	278	874	0.061	ng	# 1
92) Benzo(g,h,i)perylene	29.457	276	58	0.004	ng	# 1

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

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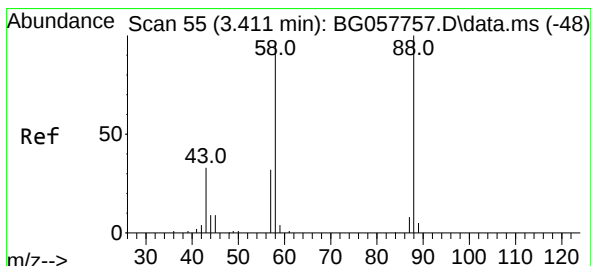
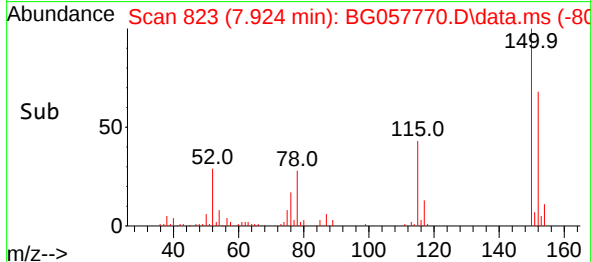
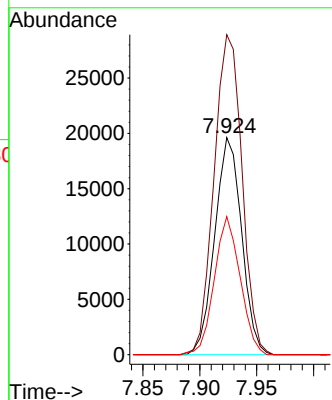
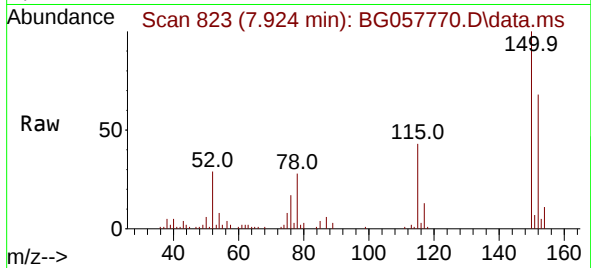




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.924 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG057770.D
Acq: 20 Jun 2023 10:45

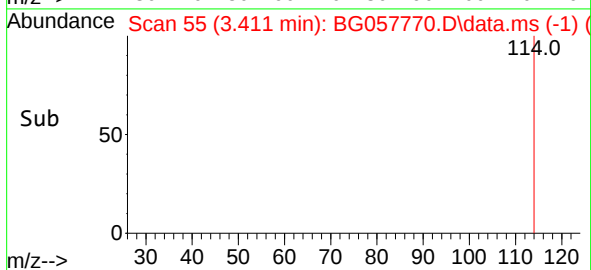
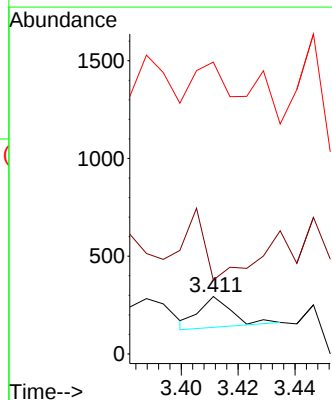
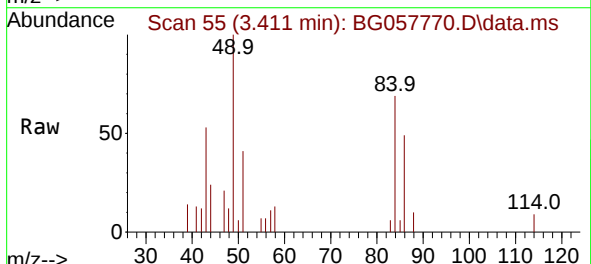
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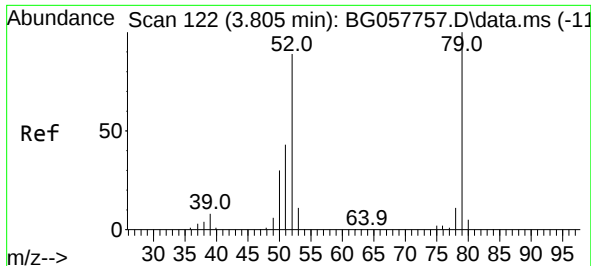
Tgt Ion:152 Resp: 32241
Ion Ratio Lower Upper
152 100
150 147.4 126.6 189.8
115 63.6 48.9 73.3



#2
1,4-Dioxane
Concen: 0.133 ng
RT: 3.411 min Scan# 55
Delta R.T. 0.000 min
Lab File: BG057770.D
Acq: 20 Jun 2023 10:45

Tgt Ion: 88 Resp: 127
Ion Ratio Lower Upper
88 100
58 96.1 76.2 114.4
43 0.0 26.3 39.5#





#3

Pyridine

Concen: 0.022 ng

RT: 3.288 min Scan# 34

Delta R.T. -0.517 min

Lab File: BG057770.D

Acq: 20 Jun 2023 10:45

Instrument :

BNA_G

ClientSampleId :

SB-02-12.0-14.0

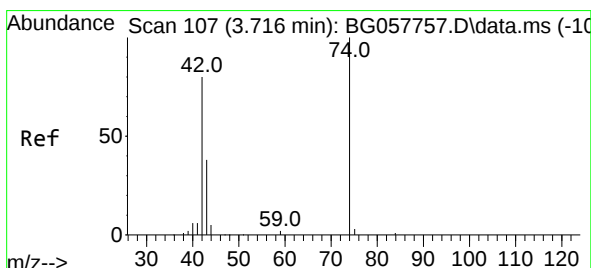
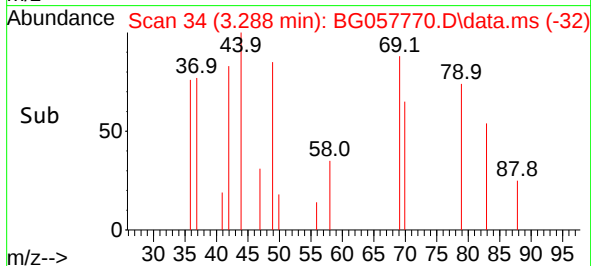
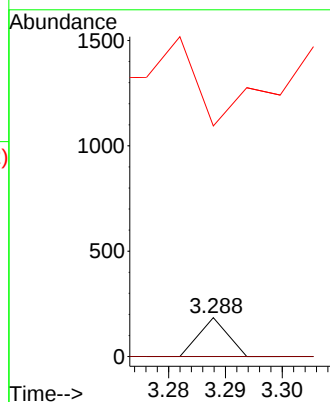
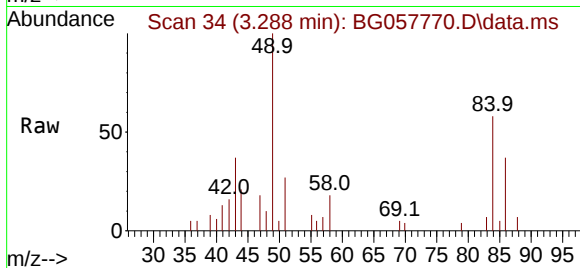
Tgt Ion: 79 Resp: 65

Ion Ratio Lower Upper

79 100

52 0.0 71.4 107.0#

51 591.4 34.9 52.3#



#4

n-Nitrosodimethylamine

Concen: 0.145 ng

RT: 3.711 min Scan# 106

Delta R.T. -0.005 min

Lab File: BG057770.D

Acq: 20 Jun 2023 10:45

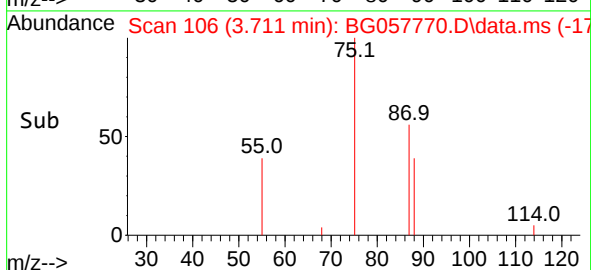
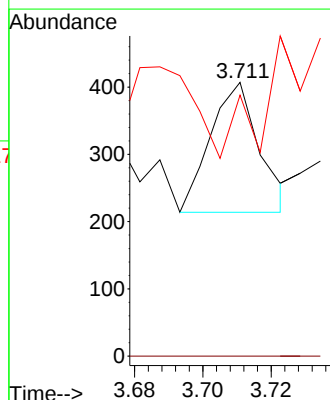
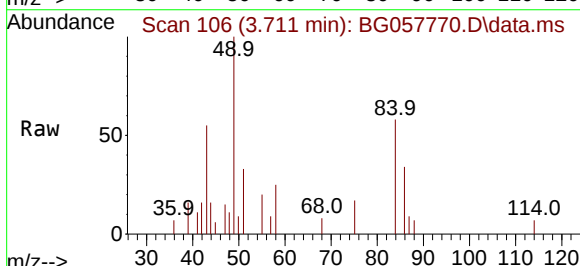
Tgt Ion: 42 Resp: 192

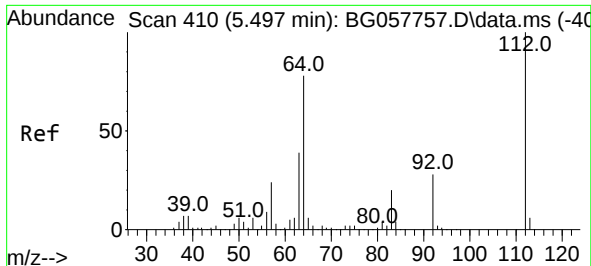
Ion Ratio Lower Upper

42 100

74 0.0 99.9 149.9#

44 95.3 6.0 9.0#

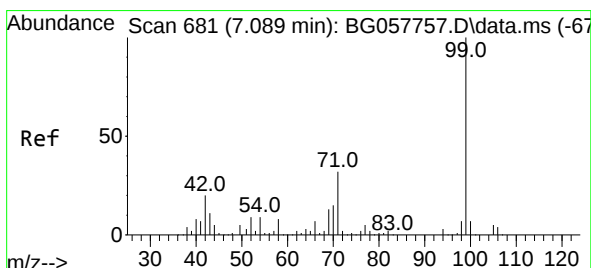
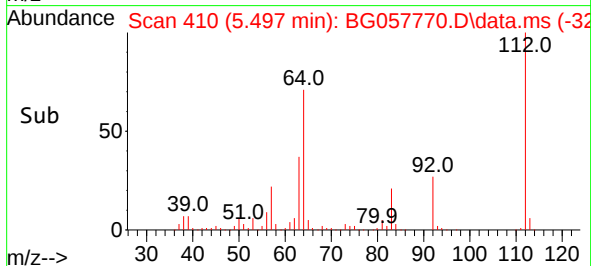
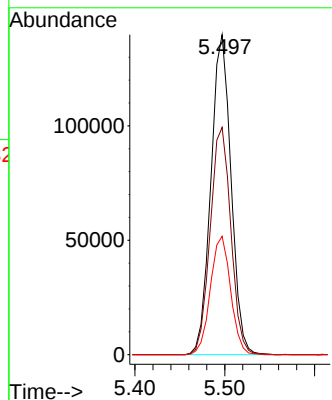
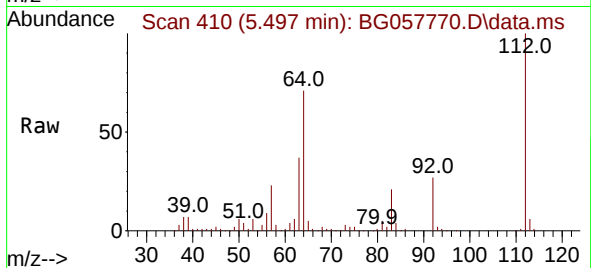




#5
2-Fluorophenol
Concen: 104.128 ng
RT: 5.497 min Scan# 410
Delta R.T. 0.000 min
Lab File: BG057770.D
Acq: 20 Jun 2023 10:45

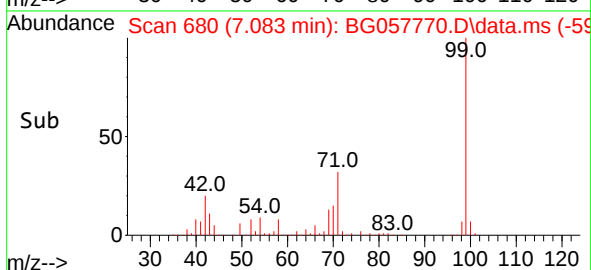
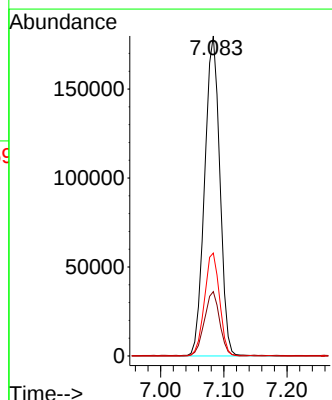
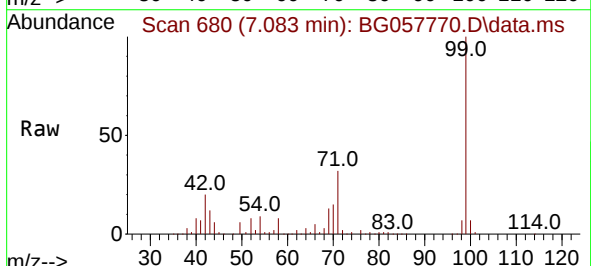
Instrument :
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ClientSampleId :
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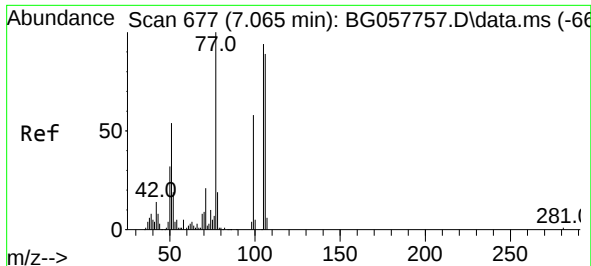
Tgt Ion:112 Resp: 217729
Ion Ratio Lower Upper
112 100
64 71.0 62.1 93.1
63 37.0 31.5 47.3



#7
Phenol-d6
Concen: 94.032 ng
RT: 7.083 min Scan# 680
Delta R.T. -0.006 min
Lab File: BG057770.D
Acq: 20 Jun 2023 10:45

Tgt Ion: 99 Resp: 300011
Ion Ratio Lower Upper
99 100
42 20.1 16.4 24.6
71 32.2 25.8 38.6

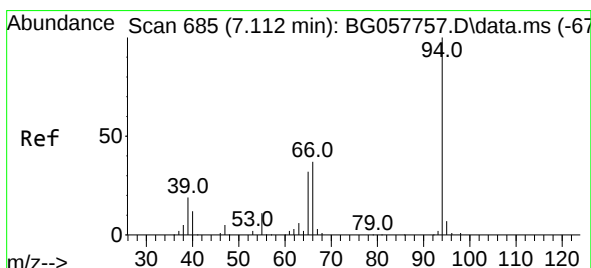
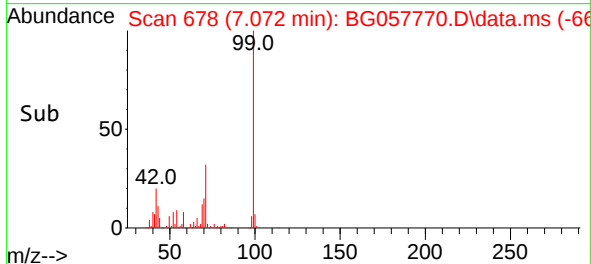
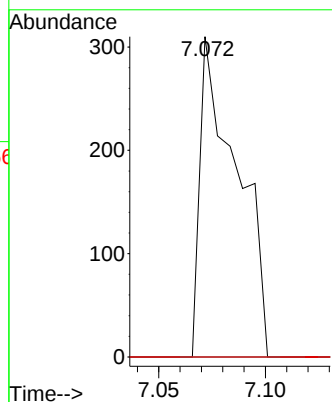
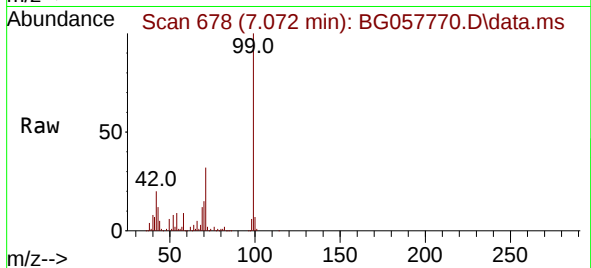




#9
Benzaldehyde
Concen: 0.186 ng
RT: 7.072 min Scan# 61
Delta R.T. 0.007 min
Lab File: BG057770.D
Acq: 20 Jun 2023 10:45

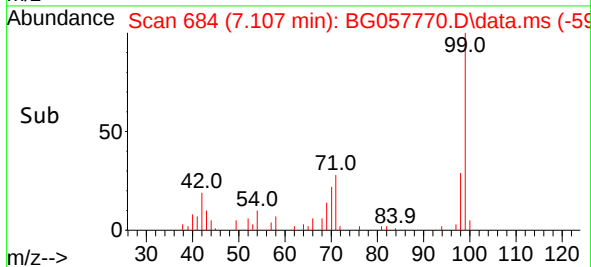
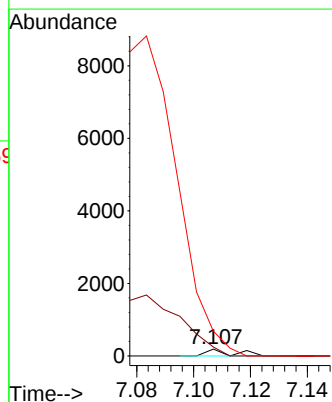
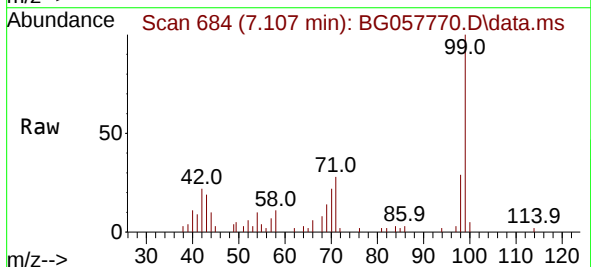
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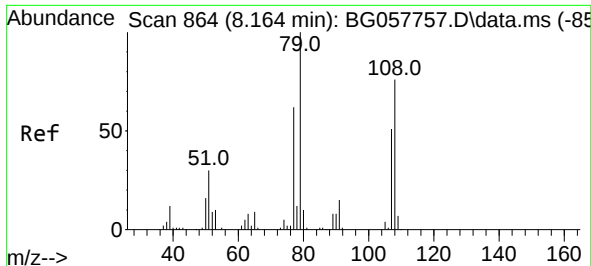
Tgt Ion: 77 Resp: 373
Ion Ratio Lower Upper
77 100
105 0.0 73.7 113.7#
106 0.0 69.0 109.0#



#10
Phenol
Concen: 0.038 ng
RT: 7.107 min Scan# 684
Delta R.T. -0.006 min
Lab File: BG057770.D
Acq: 20 Jun 2023 10:45

Tgt Ion: 94 Resp: 120
Ion Ratio Lower Upper
94 100
65 131.2 12.2 52.2#
66 361.9 18.3 58.3#

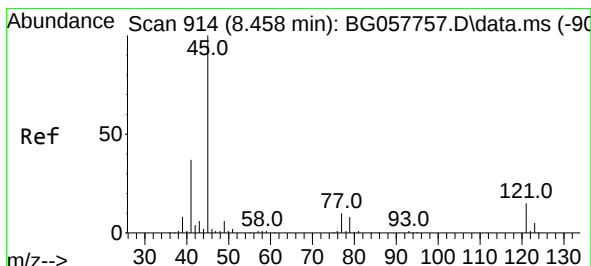
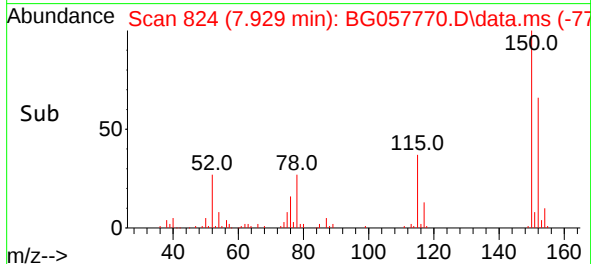
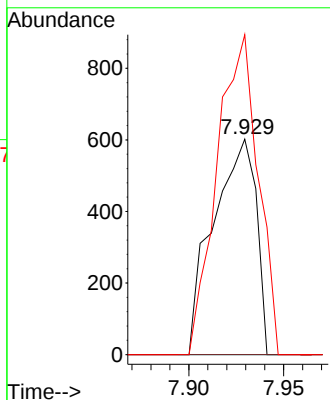
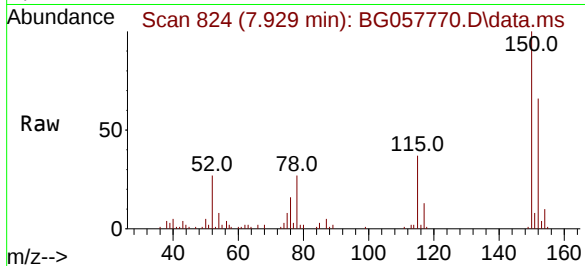




#15
Benzyl Alcohol
Concen: 0.389 ng
RT: 7.929 min Scan# 81
Delta R.T. -0.235 min
Lab File: BG057770.D
Acq: 20 Jun 2023 10:45

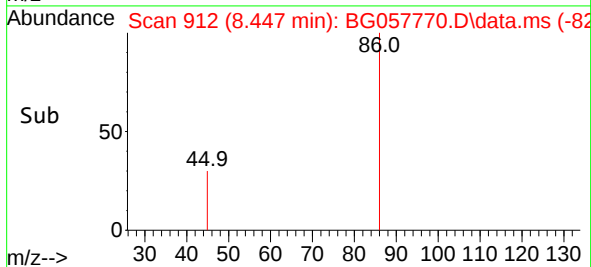
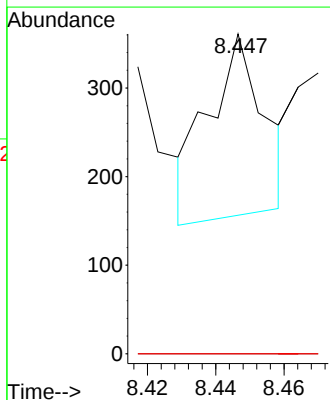
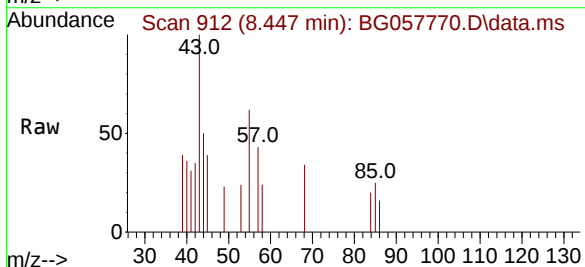
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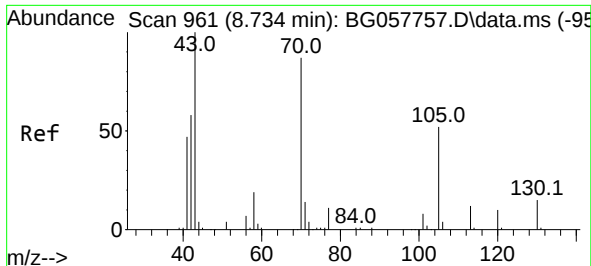
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Ion Ratio Lower Upper
79 100
108 0.0 60.5 90.7#
77 148.5 49.3 73.9#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.050 ng
RT: 8.447 min Scan# 912
Delta R.T. -0.011 min
Lab File: BG057770.D
Acq: 20 Jun 2023 10:45

Tgt Ion: 45 Resp: 232
Ion Ratio Lower Upper
45 100
77 0.0 0.0 30.6
79 0.0 0.0 28.3

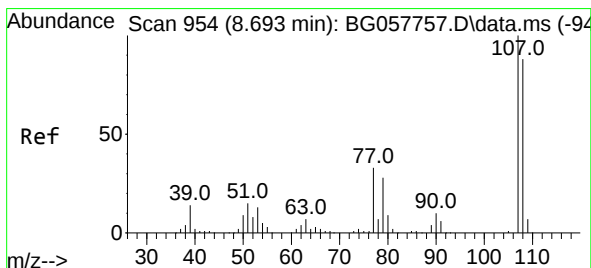
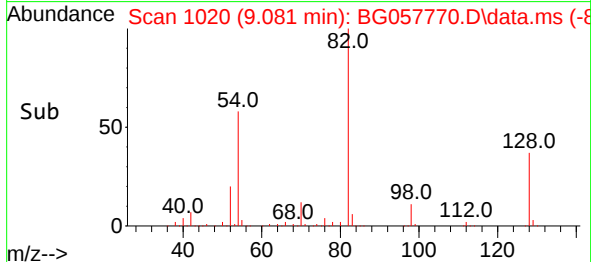
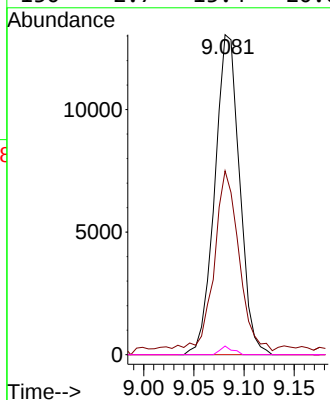
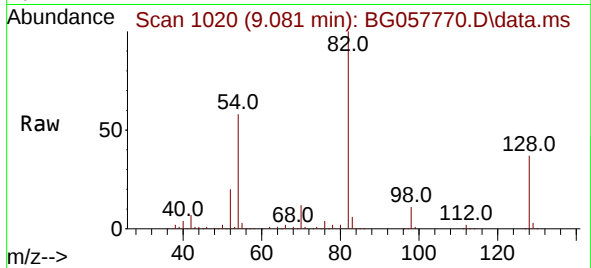




#19
n-Nitroso-di-n-propylamine
Concen: 10.101 ng
RT: 9.081 min Scan# 10
Delta R.T. 0.347 min
Lab File: BG057770.D
Acq: 20 Jun 2023 10:45

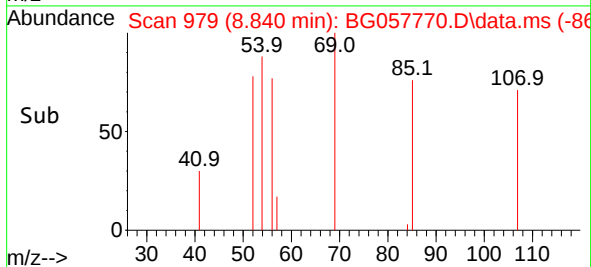
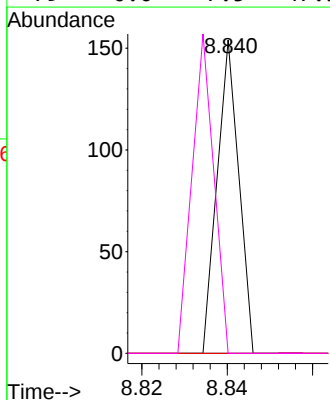
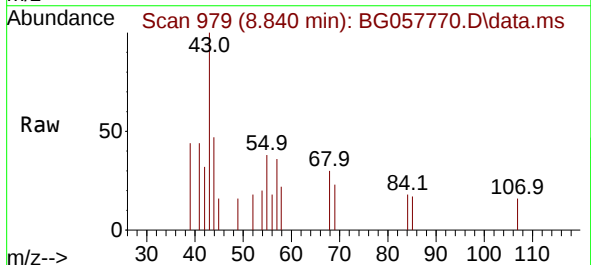
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ClientSampleId :
SB-02-12.0-14.0

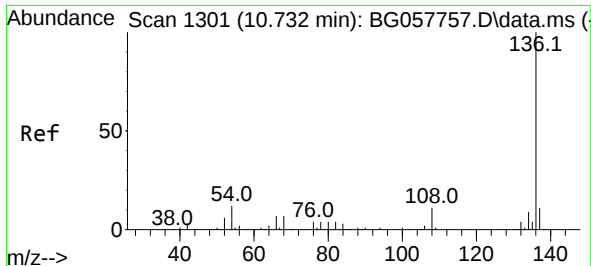
Tgt Ion: 70 Resp: 22468
Ion Ratio Lower Upper
70 100
42 57.5 54.2 81.2
101 0.0 7.4 11.0#
130 2.7 13.4 20.0#



#20
3+4-Methylphenols
Concen: 0.017 ng
RT: 8.840 min Scan# 979
Delta R.T. 0.147 min
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Tgt Ion:107 Resp: 54
Ion Ratio Lower Upper
107 100
108 0.0 67.7 107.7#
77 0.0 13.3 53.3#
79 0.0 7.5 47.5#

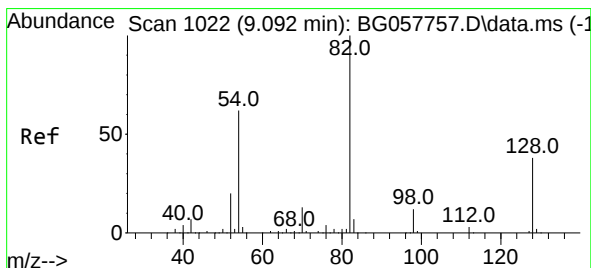
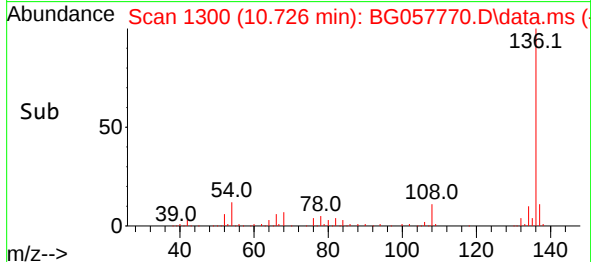
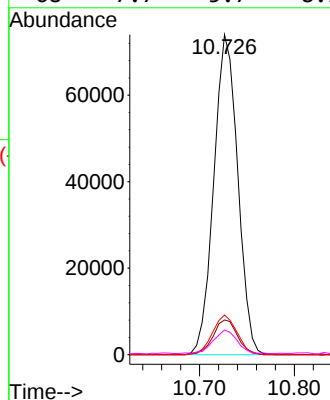
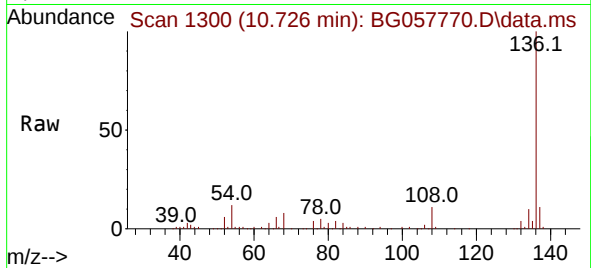




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG057770.D
Acq: 20 Jun 2023 10:45

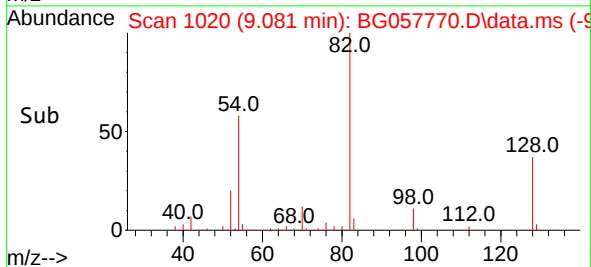
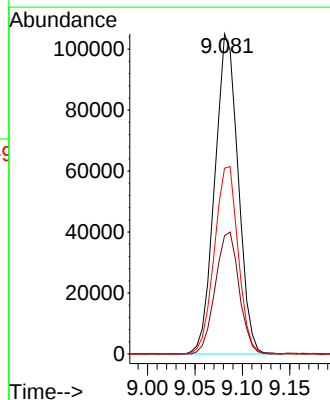
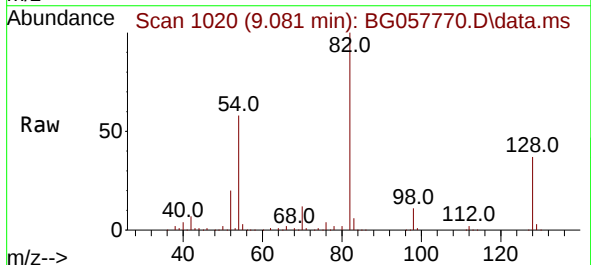
Instrument :
BNA_G
ClientSampleId :
SB-02-12.0-14.0

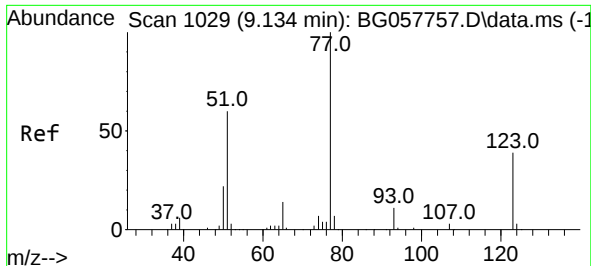
Tgt Ion:	136	Resp:	129741
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.5	12.7
54	12.4	9.5	14.3
68	7.7	5.7	8.5



#23
Nitrobenzene-d5
Concen: 71.238 ng
RT: 9.081 min Scan# 1020
Delta R.T. -0.011 min
Lab File: BG057770.D
Acq: 20 Jun 2023 10:45

Tgt Ion:	82	Resp:	180084
Ion Ratio	Lower	Upper	
82	100		
128	36.9	30.7	46.1
54	58.1	49.6	74.4

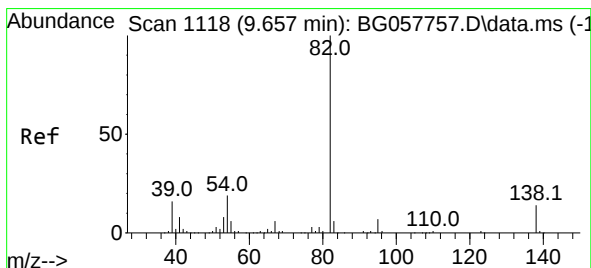
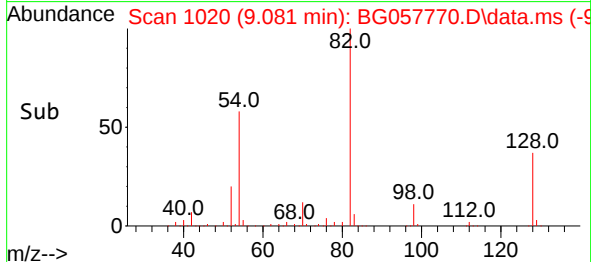
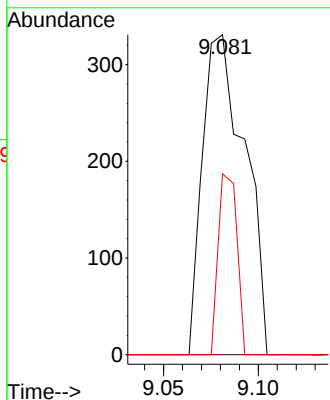
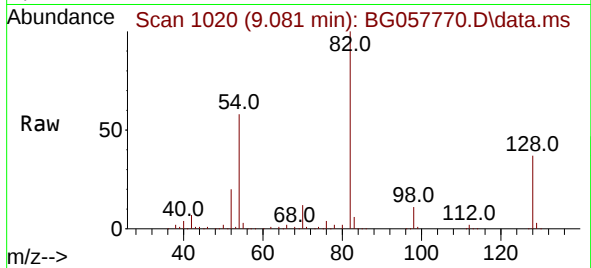




#24
Nitrobenzene
Concen: 0.195 ng
RT: 9.081 min Scan# 1044
Delta R.T. -0.053 min
Lab File: BG057770.D
Acq: 20 Jun 2023 10:45

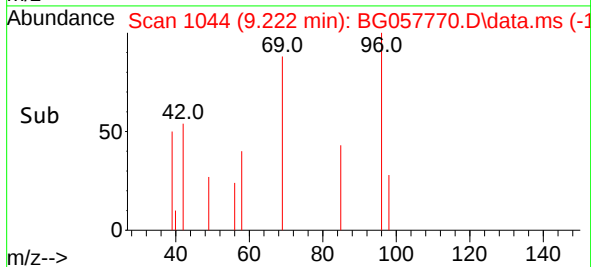
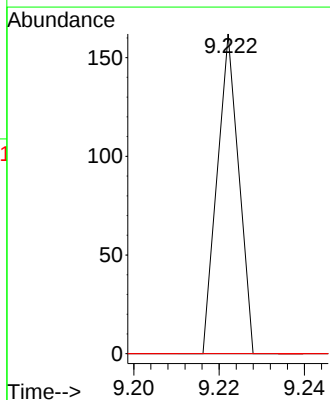
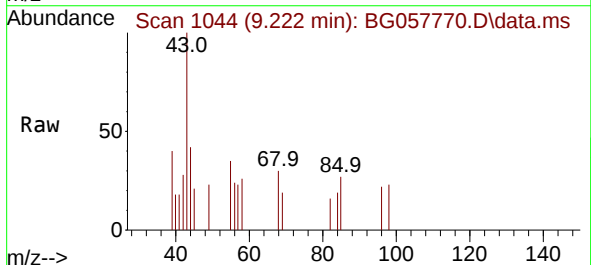
Instrument :
BNA_G
ClientSampleId :
SB-02-12.0-14.0

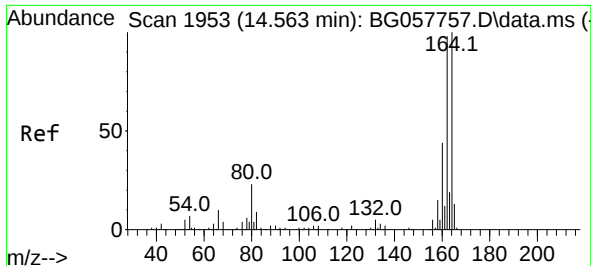
Tgt Ion: 77 Resp: 514
Ion Ratio Lower Upper
77 100
123 0.0 31.4 47.2#
65 56.5 11.2 16.8#



#25
Isophorone
Concen: 0.010 ng
RT: 9.222 min Scan# 1044
Delta R.T. -0.434 min
Lab File: BG057770.D
Acq: 20 Jun 2023 10:45

Tgt Ion: 82 Resp: 57
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 11.1 16.7#

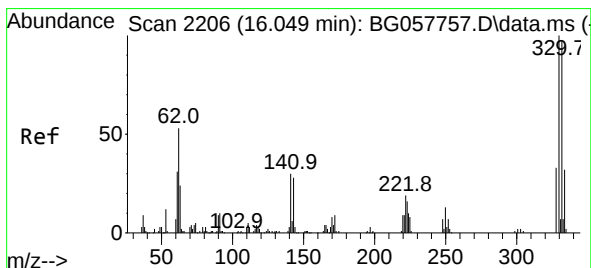
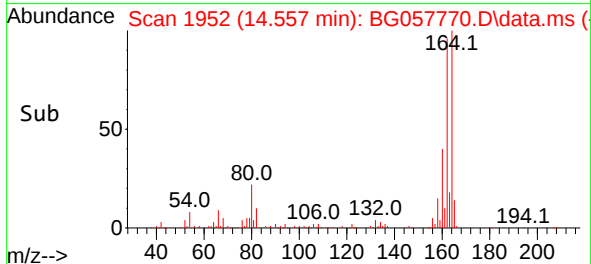
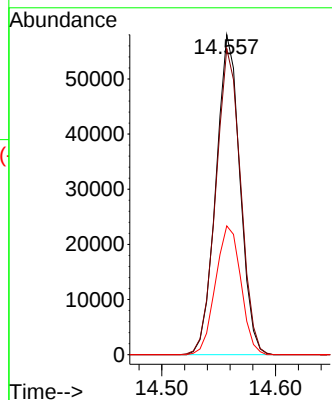
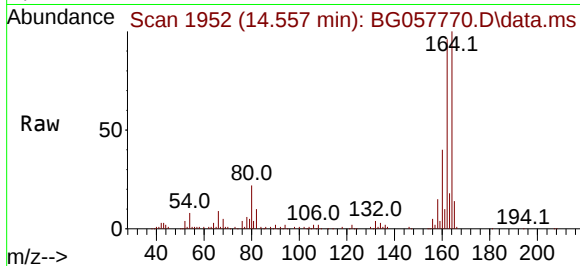




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BG057770.D
Acq: 20 Jun 2023 10:45

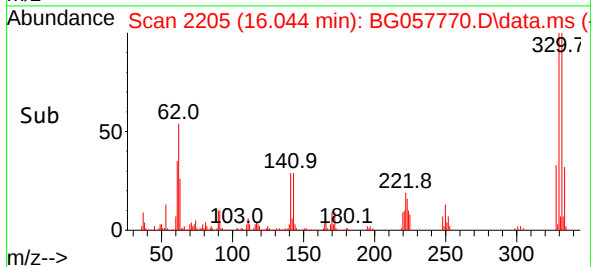
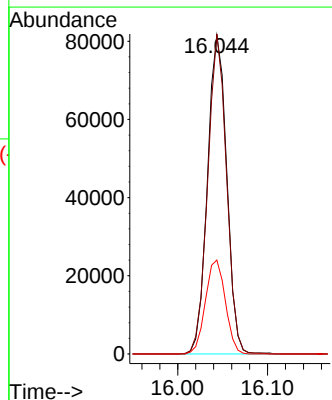
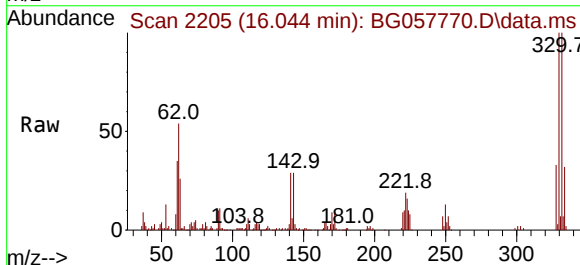
Instrument :
BNA_G
ClientSampleId :
SB-02-12.0-14.0

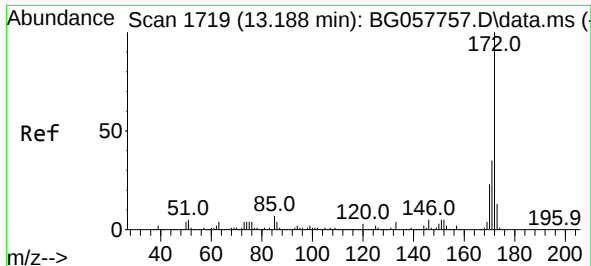
Tgt Ion:164 Resp: 84901
Ion Ratio Lower Upper
164 100
162 95.6 78.3 117.5
160 40.3 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 102.696 ng
RT: 16.044 min Scan# 2205
Delta R.T. -0.006 min
Lab File: BG057770.D
Acq: 20 Jun 2023 10:45

Tgt Ion:330 Resp: 121455
Ion Ratio Lower Upper
330 100
332 97.9 76.6 115.0
141 30.4 24.7 37.1

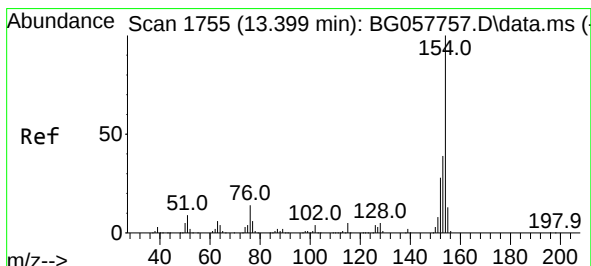
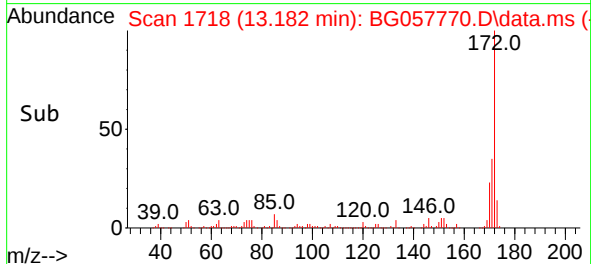
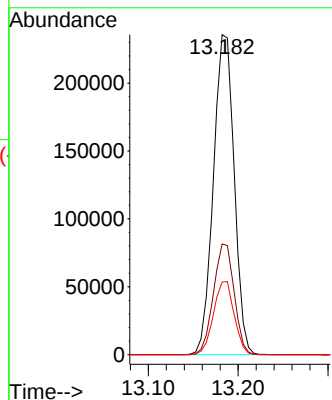
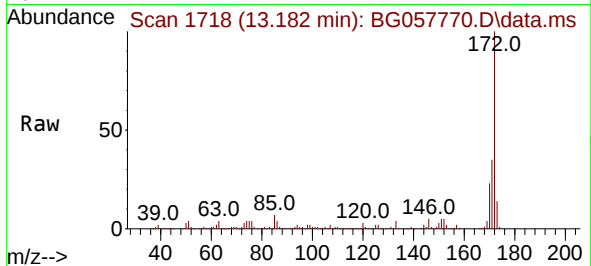




#45
2-Fluorobiphenyl
Concen: 67.691 ng
RT: 13.182 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG057770.D
Acq: 20 Jun 2023 10:45

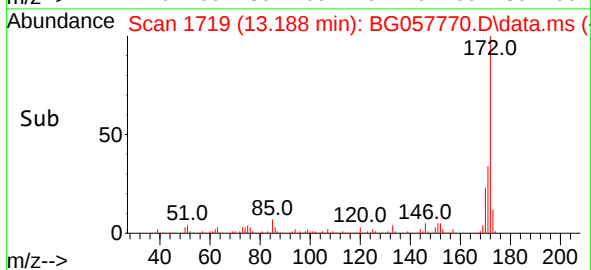
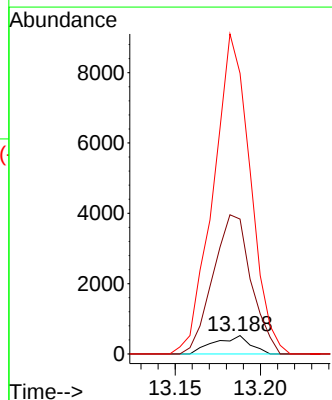
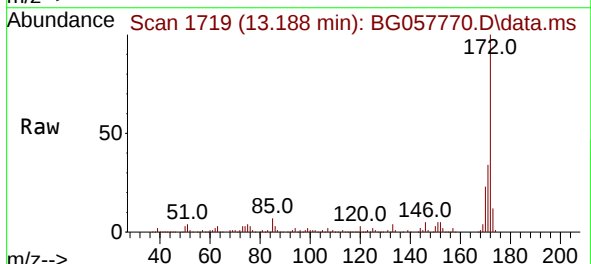
Instrument :
BNA_G
ClientSampleId :
SB-02-12.0-14.0

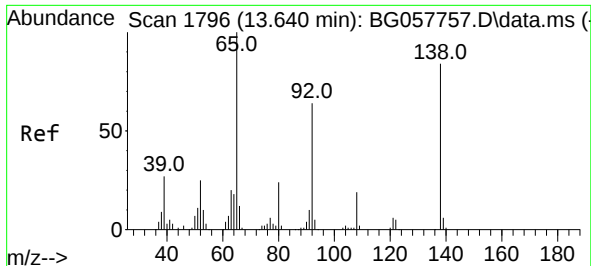
Tgt Ion:172 Resp: 378907
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 22.7 18.6 27.8



#46
1,1'-Biphenyl
Concen: 0.130 ng
RT: 13.188 min Scan# 1719
Delta R.T. -0.211 min
Lab File: BG057770.D
Acq: 20 Jun 2023 10:45

Tgt Ion:154 Resp: 757
Ion Ratio Lower Upper
154 100
153 734.7 19.1 59.1#
76 1529.3 0.0 34.3#

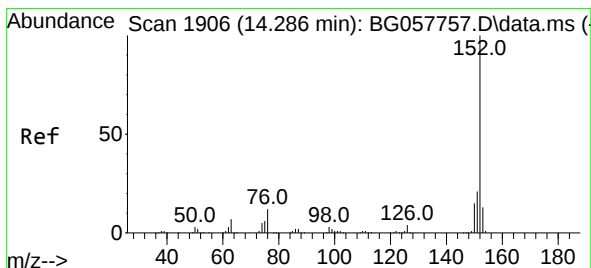
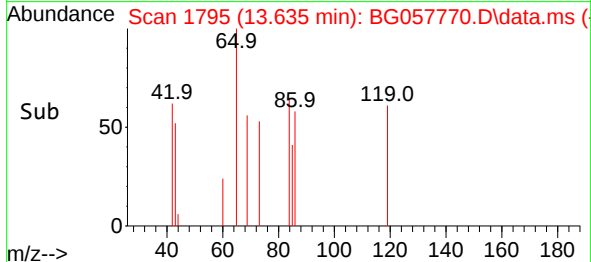
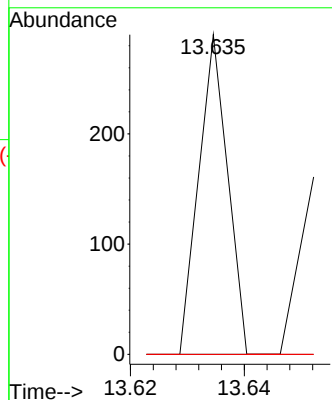
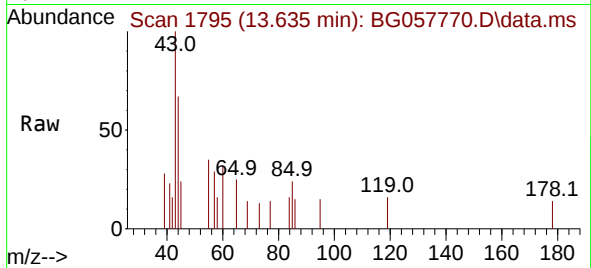




#48
2-Nitroaniline
Concen: 0.064 ng
RT: 13.635 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG057770.D
Acq: 20 Jun 2023 10:45

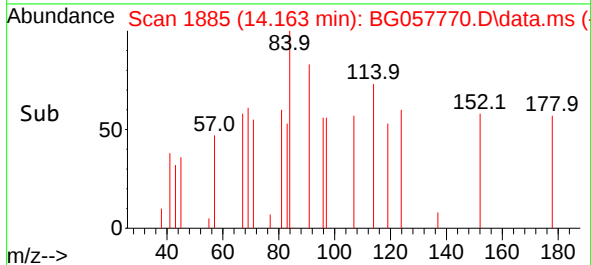
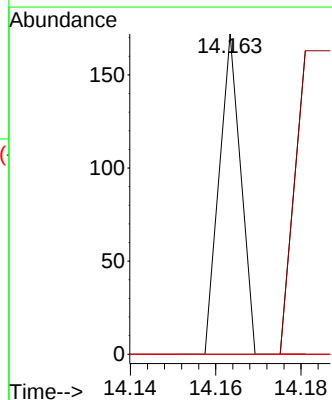
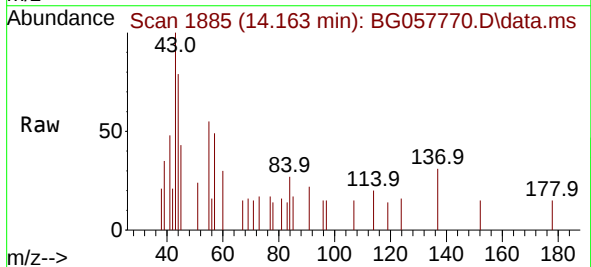
Instrument :
BNA_G
ClientSampleId :
SB-02-12.0-14.0

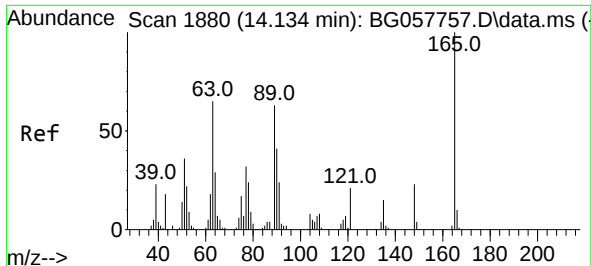
Tgt Ion: 65 Resp: 102
Ion Ratio Lower Upper
65 100
92 0.0 51.2 76.8#
138 0.0 67.2 100.8#



#49
Acenaphthylene
Concen: 0.008 ng
RT: 14.163 min Scan# 1885
Delta R.T. -0.123 min
Lab File: BG057770.D
Acq: 20 Jun 2023 10:45

Tgt Ion: 152 Resp: 61
Ion Ratio Lower Upper
152 100
151 0.0 17.0 25.4#
153 0.0 10.5 15.7#





#51

2,6-Dinitrotoluene

Concen: 9.559 ng

RT: 14.557 min Scan# 1952

Delta R.T. 0.423 min

Lab File: BG057770.D

Acq: 20 Jun 2023 10:45

Instrument :

BNA_G

ClientSampleId :

SB-02-12.0-14.0

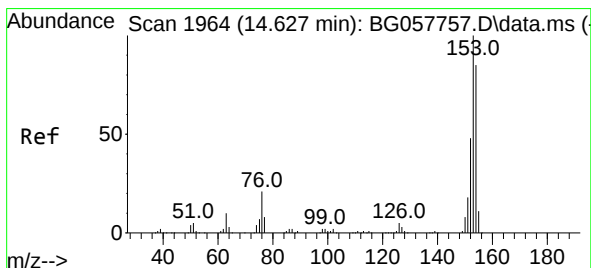
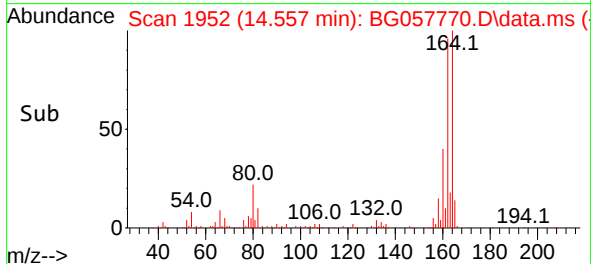
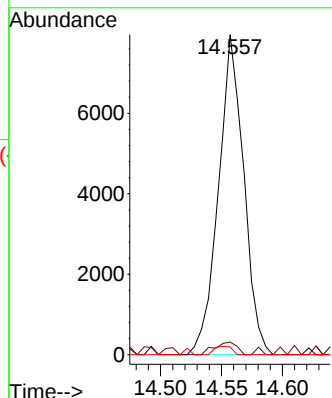
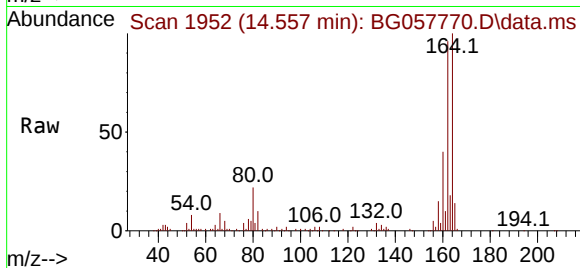
Tgt Ion:165 Resp: 11479

Ion Ratio Lower Upper

165 100

63 4.0 52.8 79.2#

89 2.5 50.7 76.1#



#52

Acenaphthene

Concen: 0.087 ng

RT: 14.569 min Scan# 1954

Delta R.T. -0.058 min

Lab File: BG057770.D

Acq: 20 Jun 2023 10:45

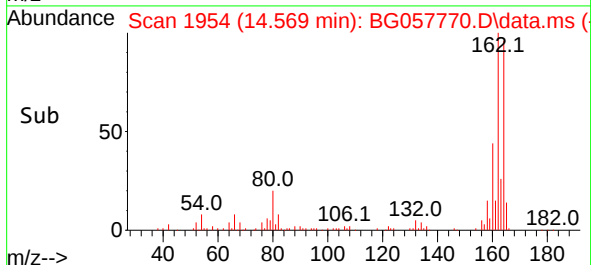
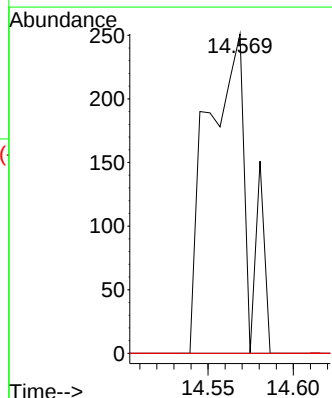
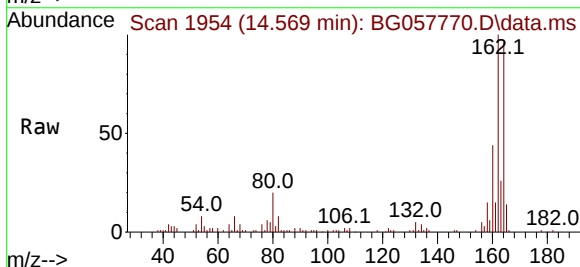
Tgt Ion:154 Resp: 414

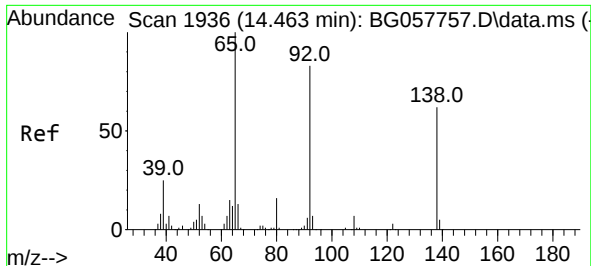
Ion Ratio Lower Upper

154 100

153 0.0 93.6 140.4#

152 0.0 44.7 67.1#

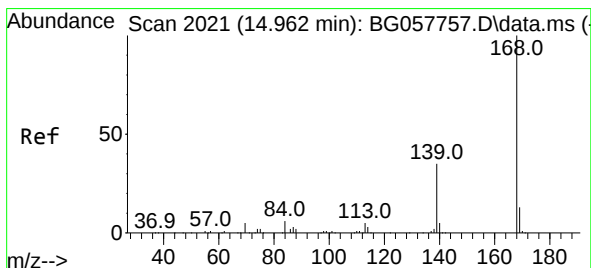
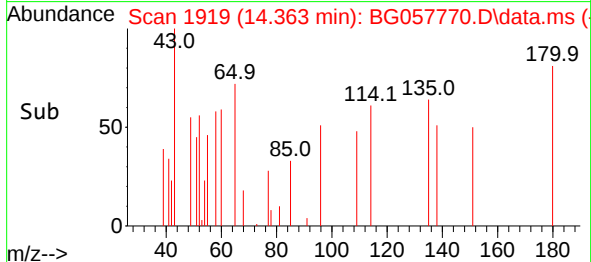
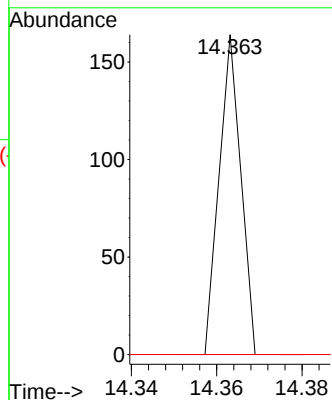
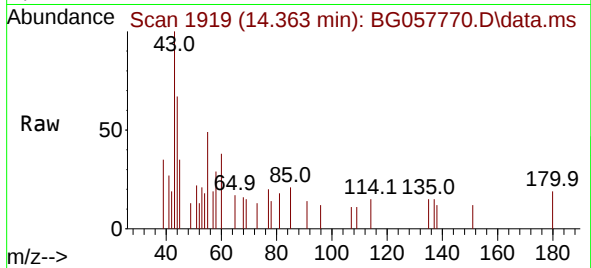




#53
3-Nitroaniline
Concen: 0.043 ng
RT: 14.363 min Scan# 1936
Delta R.T. -0.100 min
Lab File: BG057770.D
Acq: 20 Jun 2023 10:45

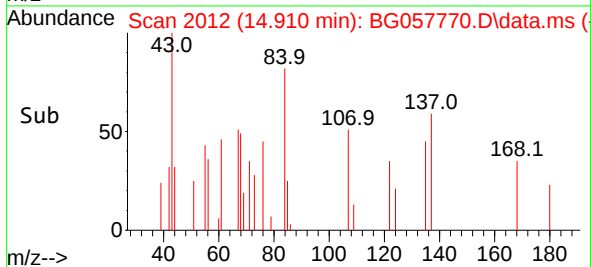
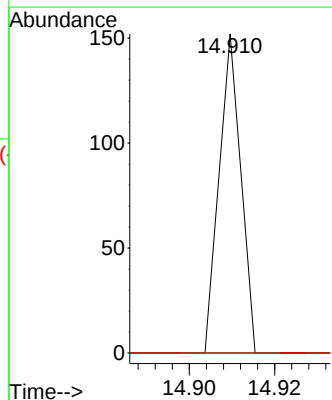
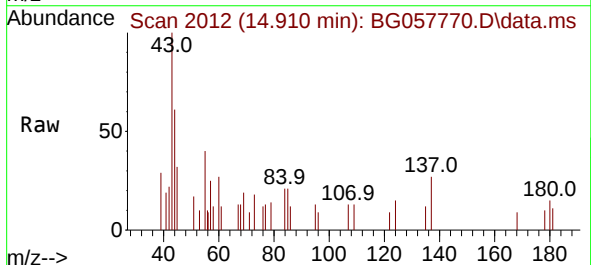
Instrument :
BNA_G
ClientSampleId :
SB-02-12.0-14.0

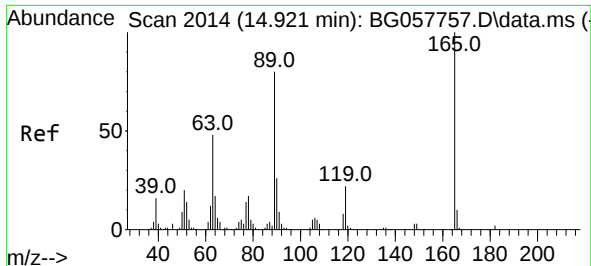
Tgt Ion:138 Resp: 58
Ion Ratio Lower Upper
138 100
108 0.0 9.1 13.7#
92 0.0 106.4 159.6#



#55
Dibenzofuran
Concen: 0.007 ng
RT: 14.910 min Scan# 2012
Delta R.T. -0.053 min
Lab File: BG057770.D
Acq: 20 Jun 2023 10:45

Tgt Ion:168 Resp: 54
Ion Ratio Lower Upper
168 100
139 0.0 28.1 42.1#
169 0.0 10.7 16.1#





#57

2,4-Dinitrotoluene

Concen: 7.049 ng

RT: 14.557 min Scan# 11

Delta R.T. -0.364 min

Lab File: BG057770.D

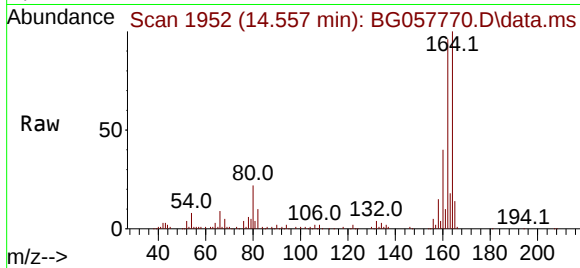
Acq: 20 Jun 2023 10:45

Instrument :

BNA_G

ClientSampleId :

SB-02-12.0-14.0



Tgt Ion:165 Resp: 11479

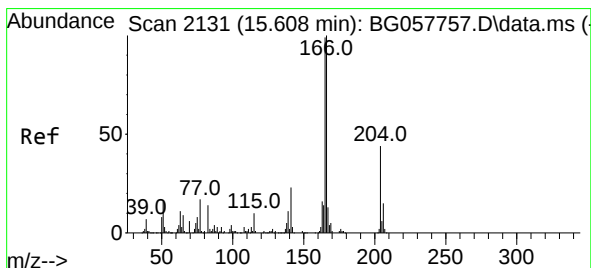
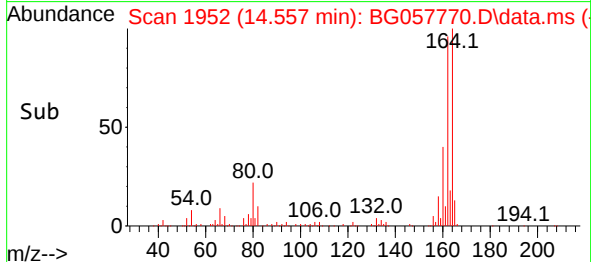
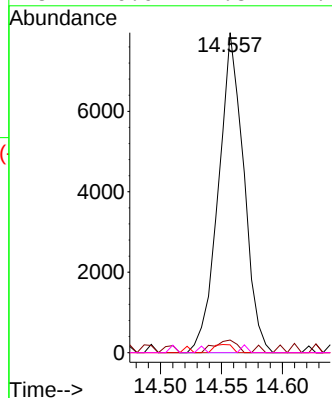
Ion Ratio Lower Upper

165 100

63 4.0 38.6 58.0#

89 2.5 63.7 95.5#

182 0.0 1.8 2.6#



#58

Fluorene

Concen: 0.786 ng

RT: 16.044 min Scan# 2205

Delta R.T. 0.435 min

Lab File: BG057770.D

Acq: 20 Jun 2023 10:45

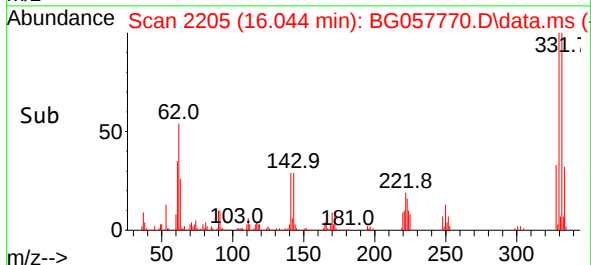
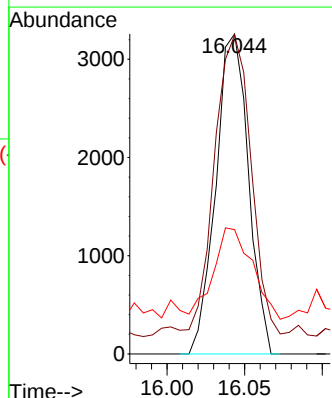
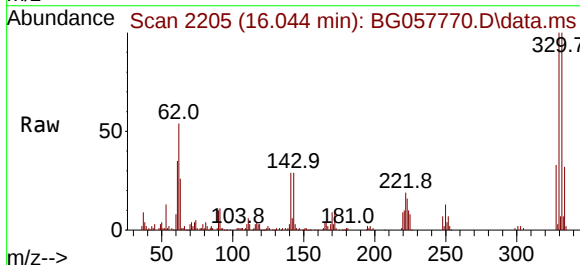
Tgt Ion:166 Resp: 4760

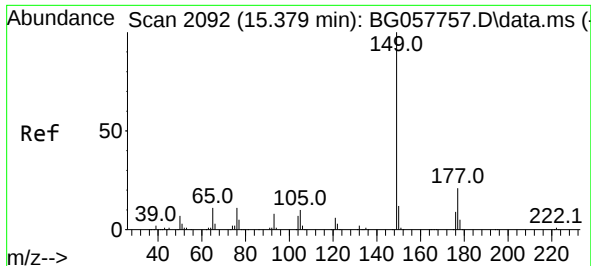
Ion Ratio Lower Upper

166 100

165 99.6 79.5 119.3

167 38.8 10.6 16.0#

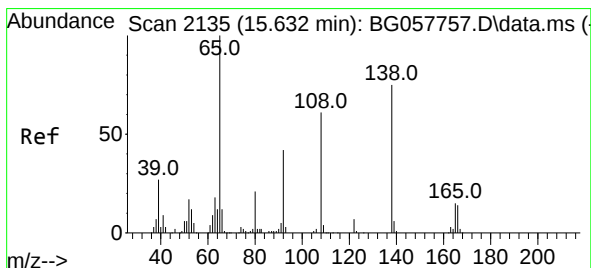
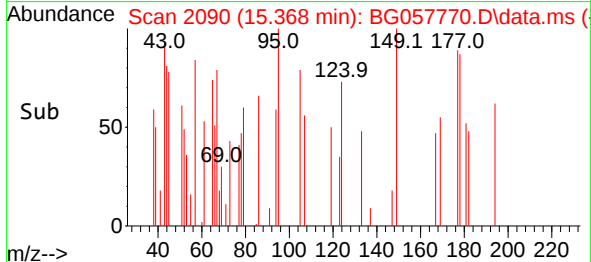
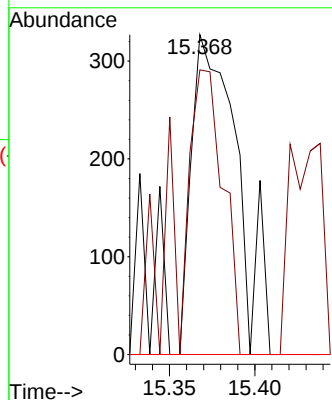
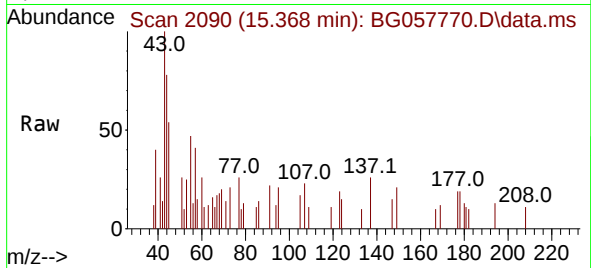




#60
Diethylphthalate
Concen: 0.091 ng
RT: 15.368 min Scan# 2092
Delta R.T. -0.011 min
Lab File: BG057770.D
Acq: 20 Jun 2023 10:45

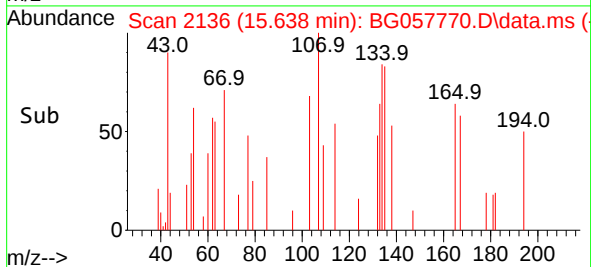
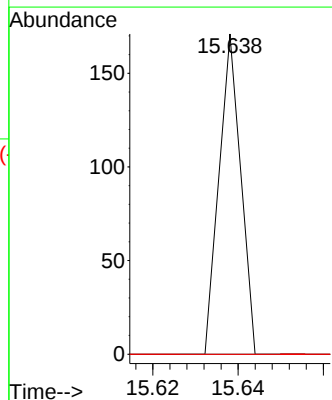
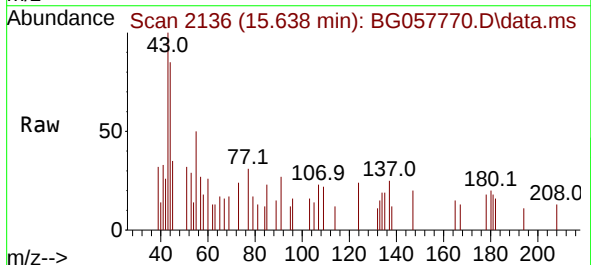
Instrument :
BNA_G
ClientSampleId :
SB-02-12.0-14.0

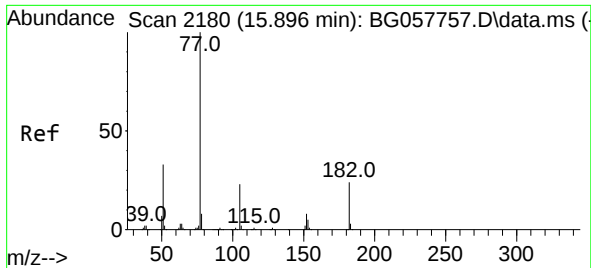
Tgt Ion:149 Resp: 610
Ion Ratio Lower Upper
149 100
177 89.0 17.0 25.6#
150 0.0 10.0 15.0#



#62
4-Nitroaniline
Concen: 0.043 ng
RT: 15.638 min Scan# 2136
Delta R.T. 0.006 min
Lab File: BG057770.D
Acq: 20 Jun 2023 10:45

Tgt Ion:138 Resp: 60
Ion Ratio Lower Upper
138 100
92 0.0 35.9 75.9#
108 0.0 62.1 102.1#

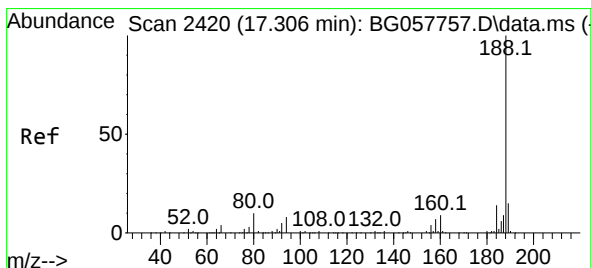
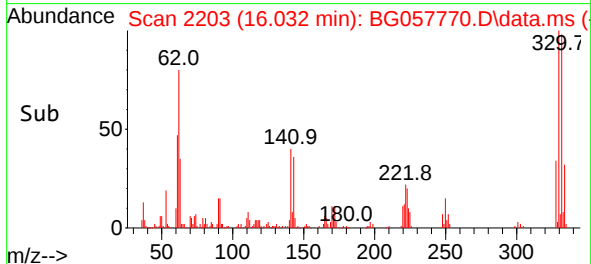
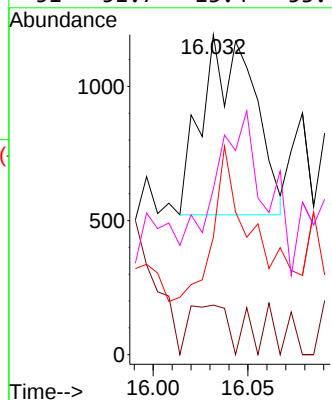
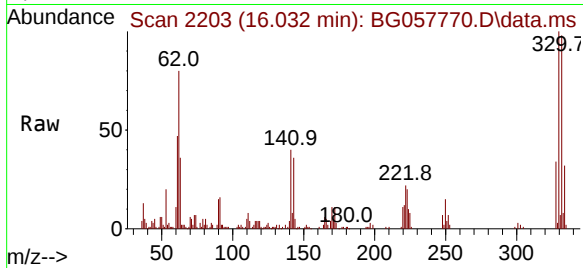




#63
Azobenzene
Concen: 0.187 ng
RT: 16.032 min Scan# 2180
Delta R.T. 0.135 min
Lab File: BG057770.D
Acq: 20 Jun 2023 10:45

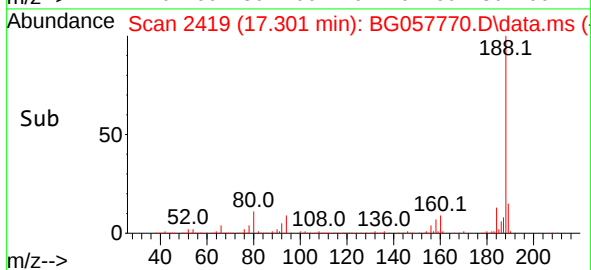
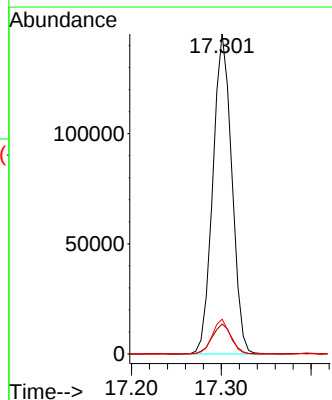
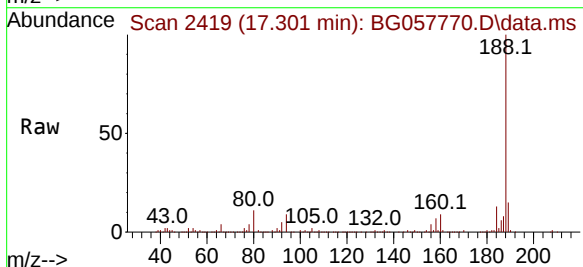
Instrument :
BNA_G
ClientSampleId :
SB-02-12.0-14.0

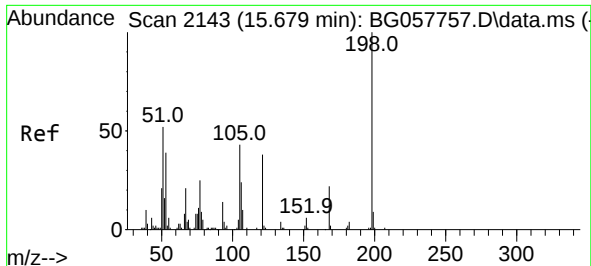
Tgt Ion: 77	Resp: 1282
Ion Ratio	Lower Upper
77 100	
182 15.5	4.1 44.1
105 36.6	3.3 43.3
51 51.7	13.4 53.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.301 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BG057770.D
Acq: 20 Jun 2023 10:45

Tgt Ion:188	Resp: 212773
Ion Ratio	Lower Upper
188 100	
94 9.4	6.6 9.8
80 10.9	7.6 11.4

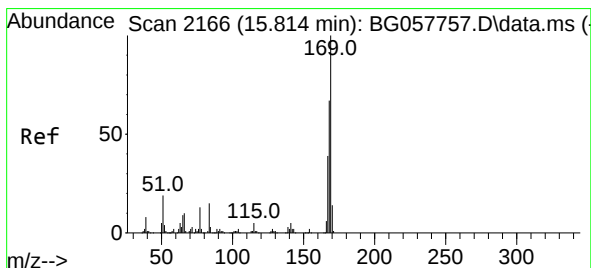
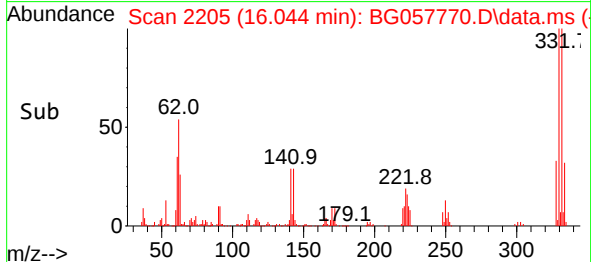
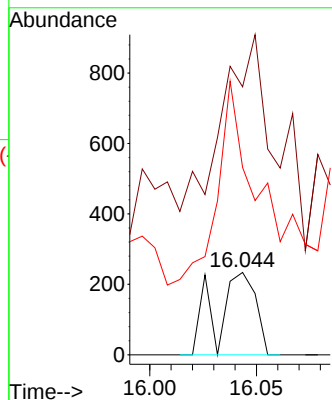
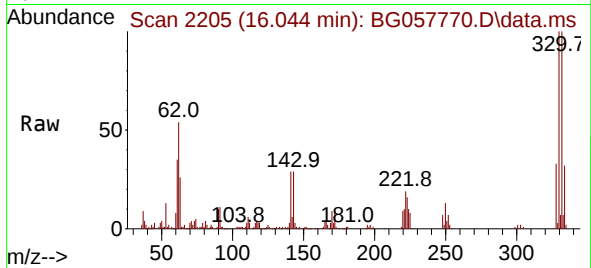




#65
4,6-Dinitro-2-methylphenol
Concen: 5.583 ng
RT: 16.044 min Scan# 2143
Delta R.T. 0.365 min
Lab File: BG057770.D
Acq: 20 Jun 2023 10:45

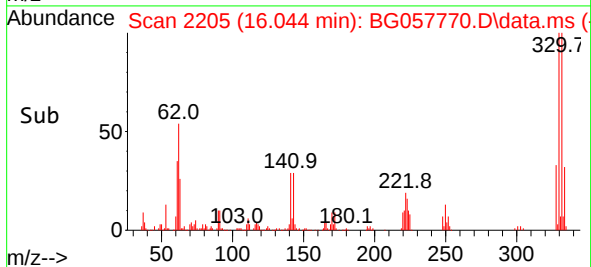
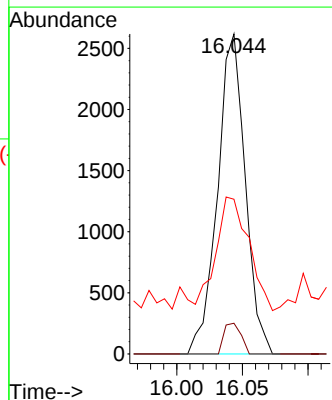
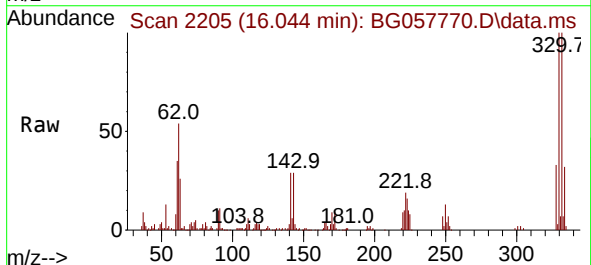
Instrument :
BNA_G
ClientSampleId :
SB-02-12.0-14.0

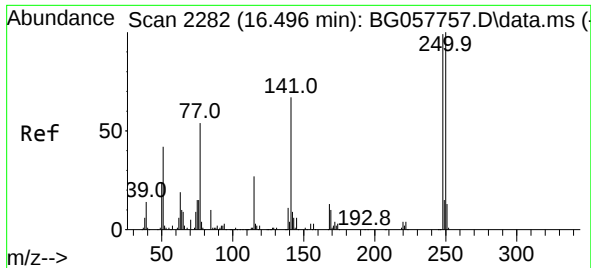
Tgt Ion:198 Resp: 298
Ion Ratio Lower Upper
198 100
51 325.2 36.6 76.6#
105 227.4 24.3 64.3#



#66
n-Nitrosodiphenylamine
Concen: 0.683 ng
RT: 16.044 min Scan# 2205
Delta R.T. 0.230 min
Lab File: BG057770.D
Acq: 20 Jun 2023 10:45

Tgt Ion:169 Resp: 3836
Ion Ratio Lower Upper
169 100
168 9.6 53.4 80.2#
167 48.3 31.2 46.8#

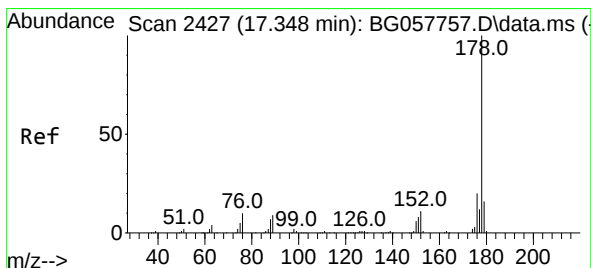
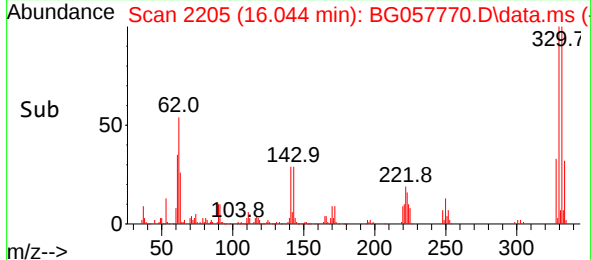
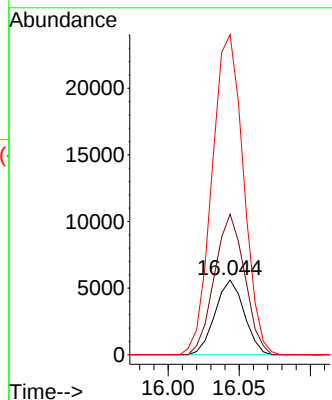
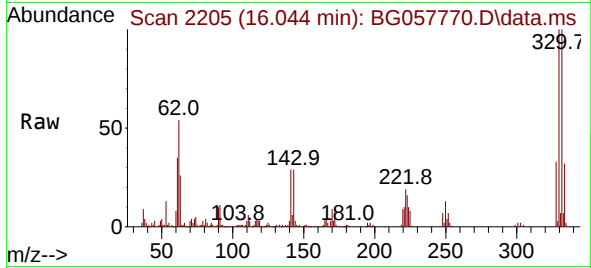




#67
4-Bromophenyl-phenylether
Concen: 3.528 ng
RT: 16.044 min Scan# 21
Delta R.T. -0.452 min
Lab File: BG057770.D
Acq: 20 Jun 2023 10:45

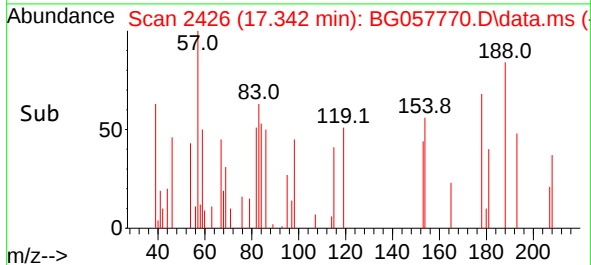
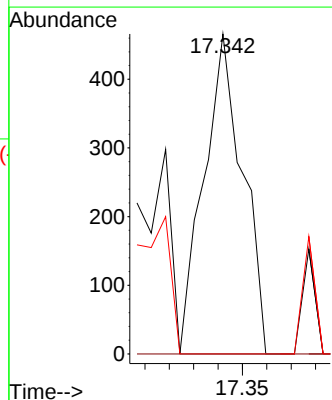
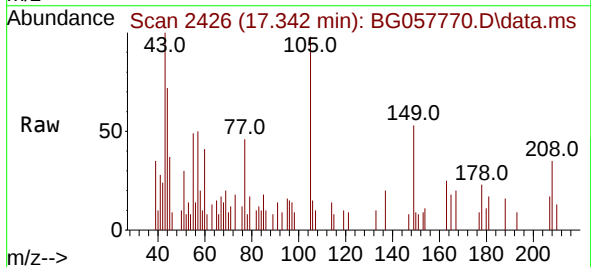
Instrument :
BNA_G
ClientSampleId :
SB-02-12.0-14.0

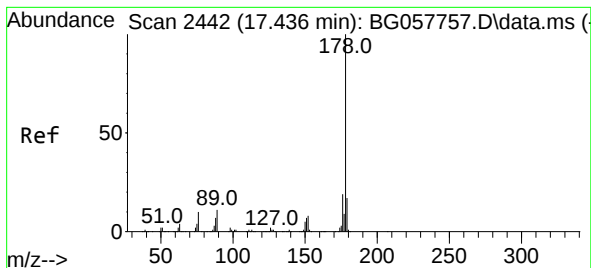
Tgt Ion:248 Resp: 7962
Ion Ratio Lower Upper
248 100
250 188.6 81.1 121.7#
141 429.5 54.6 81.8#



#71
Phenanthrene
Concen: 0.050 ng
RT: 17.342 min Scan# 2426
Delta R.T. -0.006 min
Lab File: BG057770.D
Acq: 20 Jun 2023 10:45

Tgt Ion:178 Resp: 515
Ion Ratio Lower Upper
178 100
176 0.0 16.3 24.5#
179 0.0 13.0 19.6#





#72

Anthracene

Concen: 0.017 ng

RT: 17.418 min Scan# 2442

Delta R.T. -0.017 min

Lab File: BG057770.D

Acq: 20 Jun 2023 10:45

Instrument :

BNA_G

ClientSampleId :

SB-02-12.0-14.0

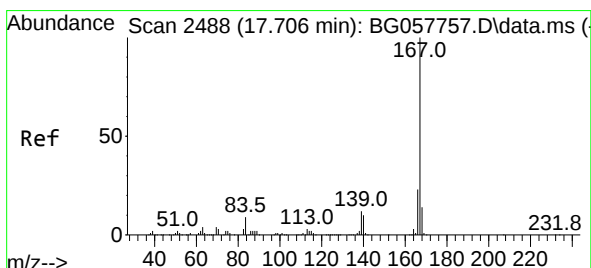
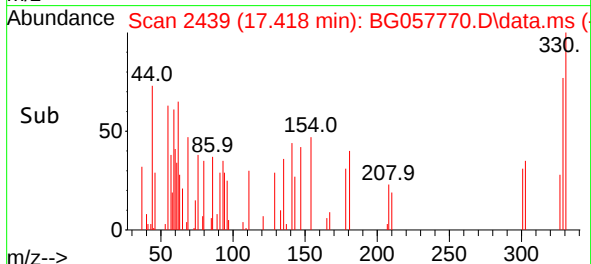
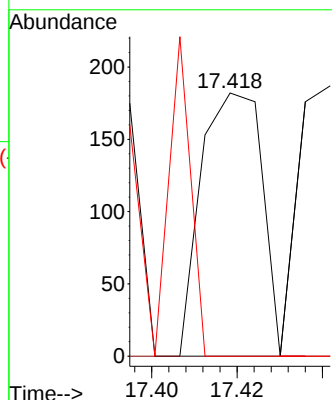
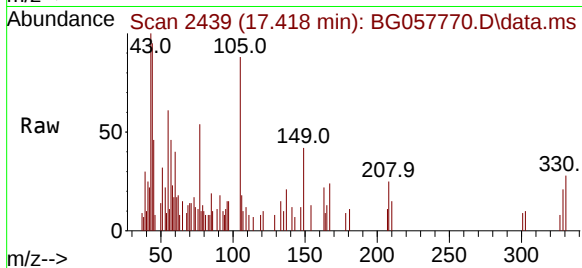
Tgt Ion:178 Resp: 180

Ion Ratio Lower Upper

178 100

176 0.0 15.4 23.0#

179 0.0 13.3 19.9#



#73

Carbazole

Concen: 0.029 ng

RT: 17.700 min Scan# 2487

Delta R.T. -0.006 min

Lab File: BG057770.D

Acq: 20 Jun 2023 10:45

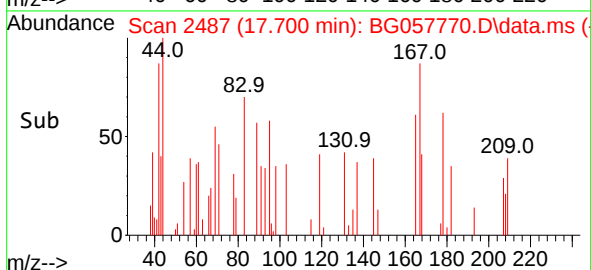
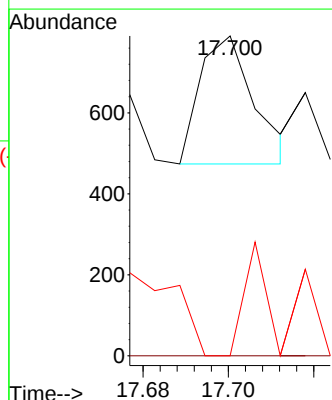
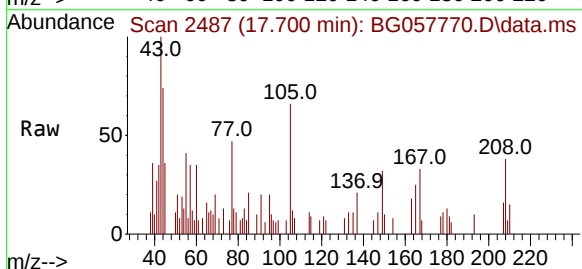
Tgt Ion:167 Resp: 277

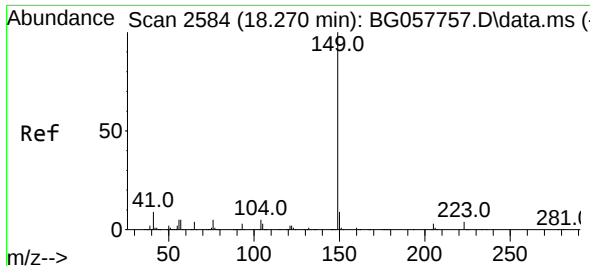
Ion Ratio Lower Upper

167 100

166 0.0 18.4 27.6#

139 0.0 9.9 14.9#

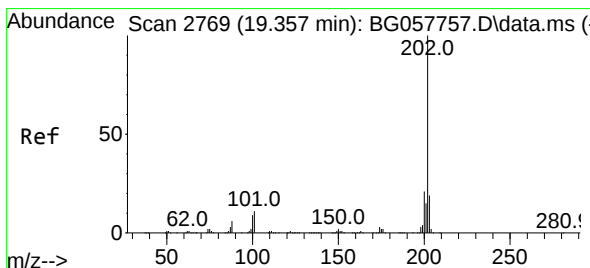
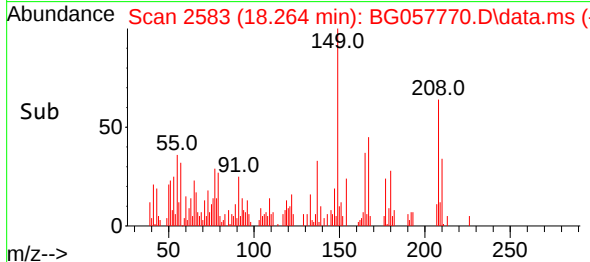
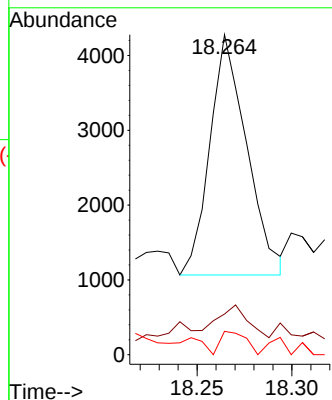
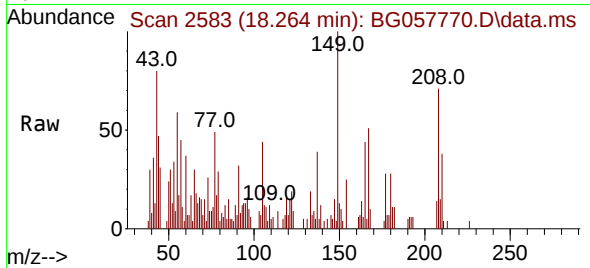




#74
Di-n-butylphthalate
Concen: 0.378 ng
RT: 18.264 min Scan# 2583
Delta R.T. -0.006 min
Lab File: BG057770.D
Acq: 20 Jun 2023 10:45

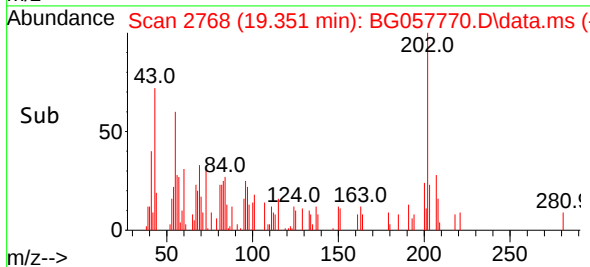
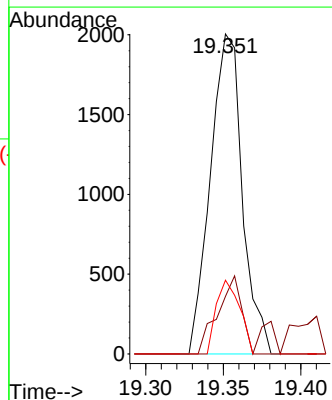
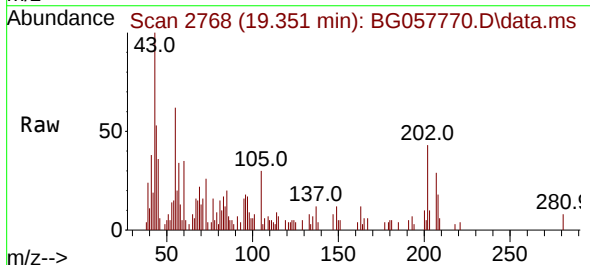
Instrument :
BNA_G
ClientSampleId :
SB-02-12.0-14.0

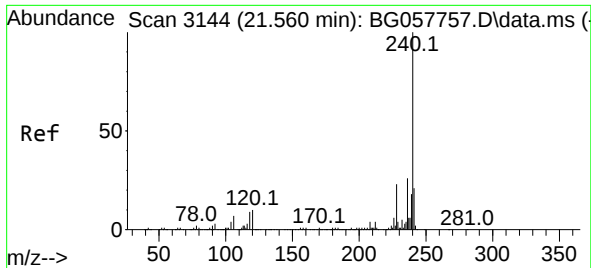
Tgt Ion:149 Resp: 4346
Ion Ratio Lower Upper
149 100
150 12.7 7.5 11.3#
104 7.3 4.1 6.1#



#75
Fluoranthene
Concen: 0.234 ng
RT: 19.351 min Scan# 2768
Delta R.T. -0.006 min
Lab File: BG057770.D
Acq: 20 Jun 2023 10:45

Tgt Ion:202 Resp: 2871
Ion Ratio Lower Upper
202 100
101 18.0 0.0 31.3
203 23.0 0.0 38.7

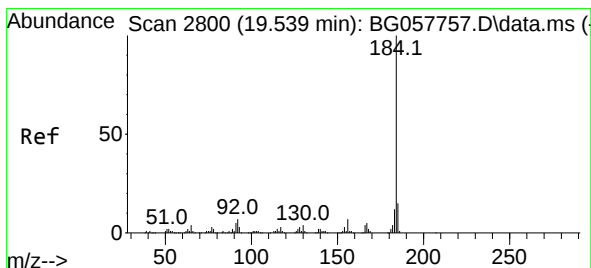
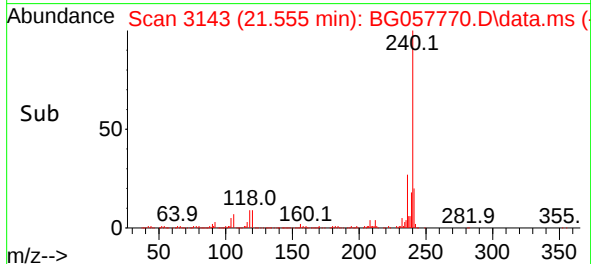
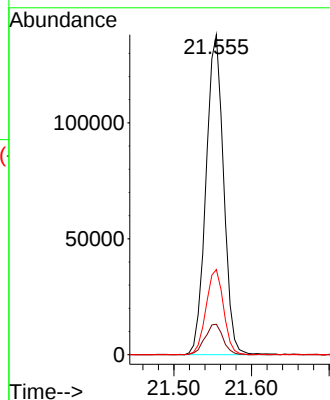
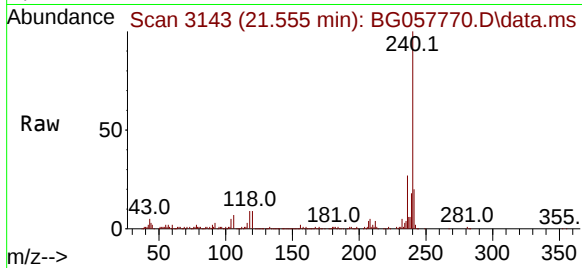




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.555 min Scan# 3144
Delta R.T. -0.006 min
Lab File: BG057770.D
Acq: 20 Jun 2023 10:45

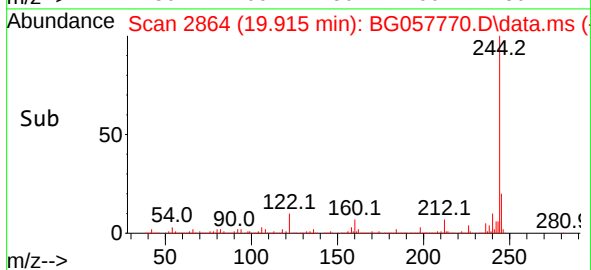
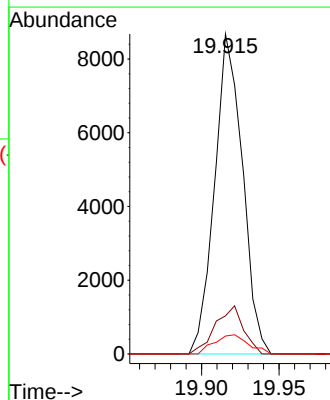
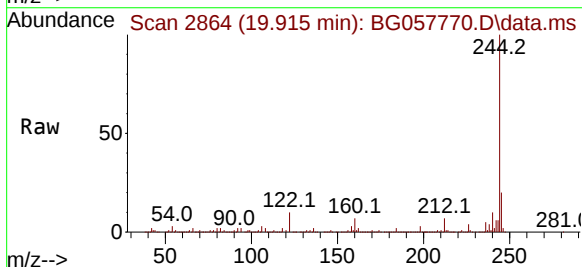
Instrument :
BNA_G
ClientSampleId :
SB-02-12.0-14.0

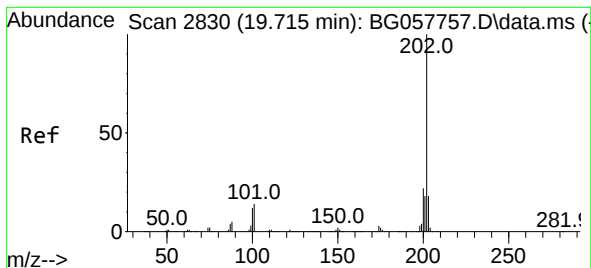
Tgt Ion:240 Resp: 216829
Ion Ratio Lower Upper
240 100
120 9.5 8.1 12.1
236 26.6 20.6 30.8



#77
Benzidine
Concen: 2.130 ng
RT: 19.915 min Scan# 2864
Delta R.T. 0.376 min
Lab File: BG057770.D
Acq: 20 Jun 2023 10:45

Tgt Ion:184 Resp: 10826
Ion Ratio Lower Upper
184 100
185 11.9 12.0 18.0#
183 5.6 9.4 14.0#





#78

Pyrene

Concen: 0.264 ng

RT: 19.716 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG057770.D

Acq: 20 Jun 2023 10:45

Instrument :

BNA_G

ClientSampleId :

SB-02-12.0-14.0

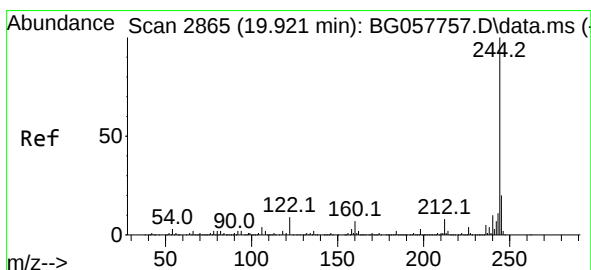
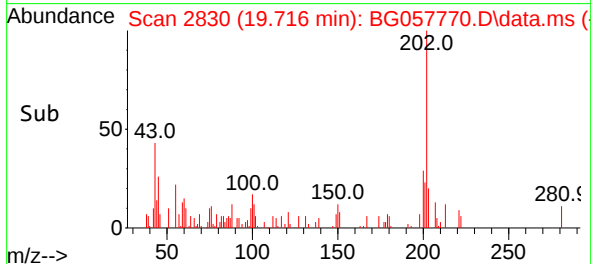
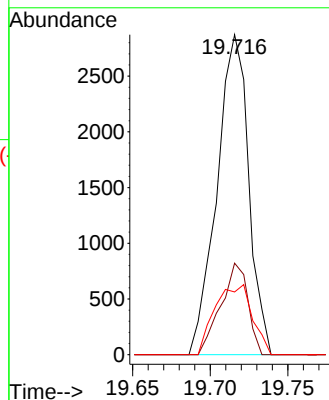
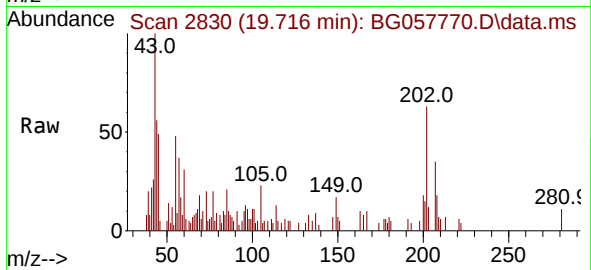
Tgt Ion:202 Resp: 4082

Ion Ratio Lower Upper

202 100

200 28.6 17.4 26.0#

203 19.6 14.6 22.0



#79

Terphenyl-d14

Concen: 67.107 ng

RT: 19.921 min Scan# 2865

Delta R.T. 0.000 min

Lab File: BG057770.D

Acq: 20 Jun 2023 10:45

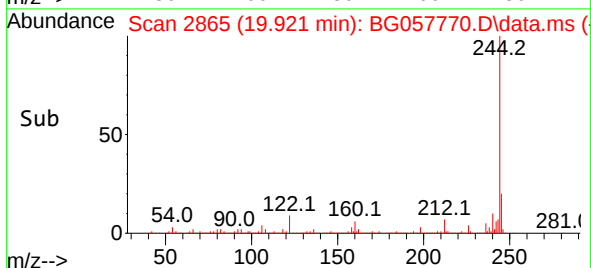
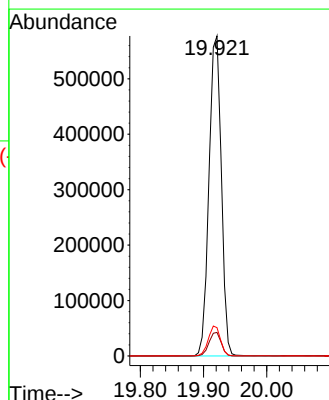
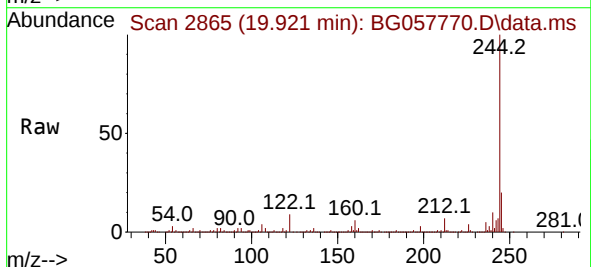
Tgt Ion:244 Resp: 780344

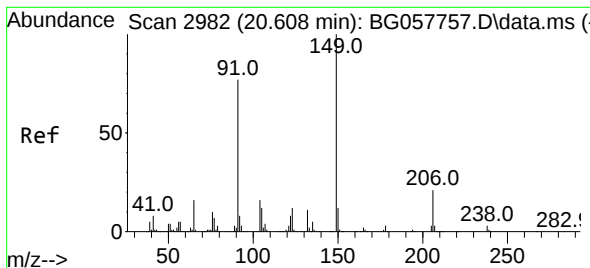
Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

122 8.9 7.6 11.4





#80

Butylbenzylphthalate

Concen: 0.219 ng

RT: 20.609 min Scan# 2982

Delta R.T. 0.000 min

Lab File: BG057770.D

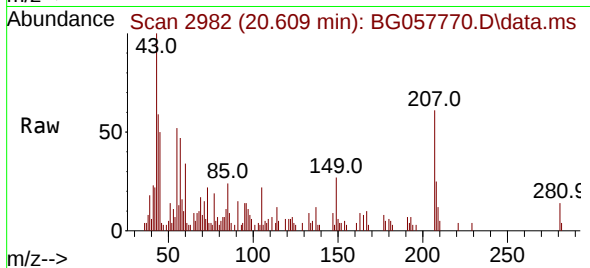
Acq: 20 Jun 2023 10:45

Instrument :

BNA_G

ClientSampleId :

SB-02-12.0-14.0



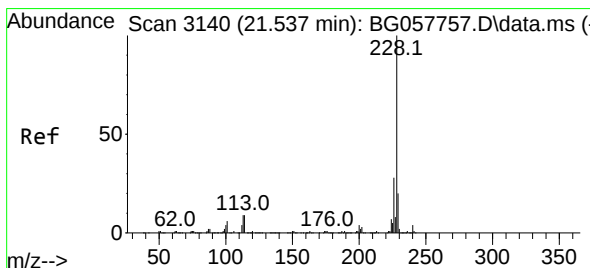
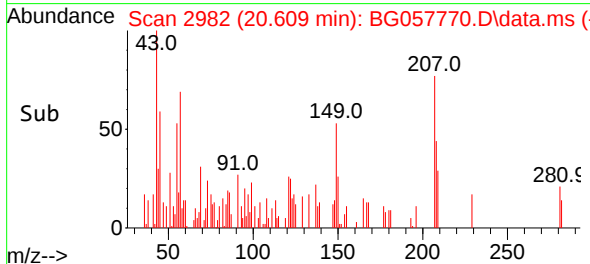
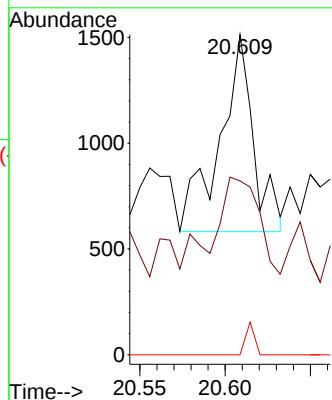
Tgt Ion:149 Resp: 1289

Ion Ratio Lower Upper

149 100

91 54.3 61.7 92.5#

206 0.0 16.6 24.8#



#81

Benzo(a)anthracene

Concen: 0.178 ng

RT: 21.537 min Scan# 3140

Delta R.T. 0.000 min

Lab File: BG057770.D

Acq: 20 Jun 2023 10:45

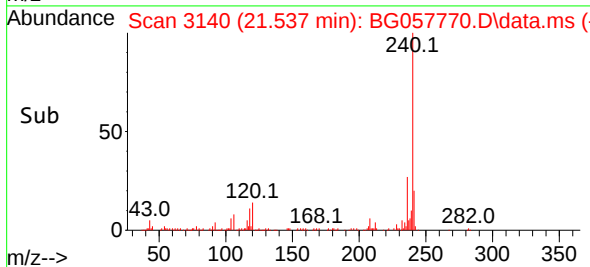
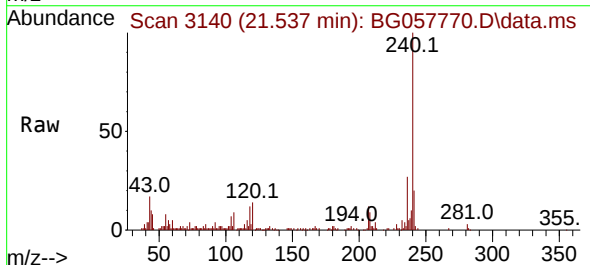
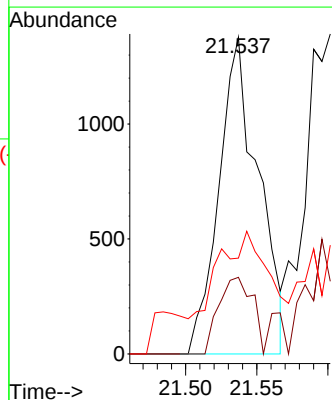
Tgt Ion:228 Resp: 2652

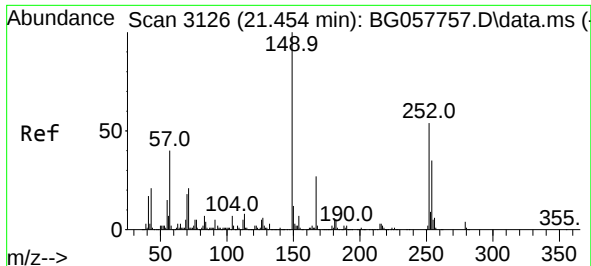
Ion Ratio Lower Upper

228 100

226 24.2 22.3 33.5

229 30.3 16.3 24.5#

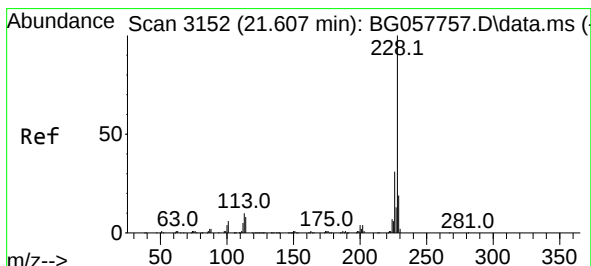
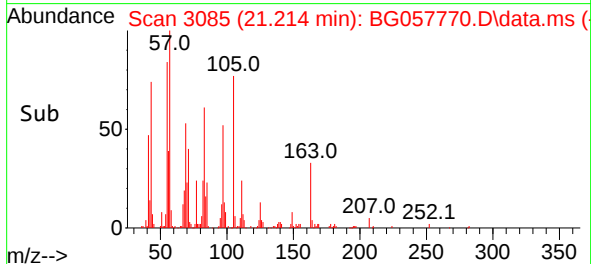
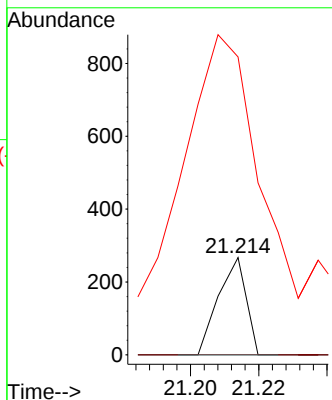
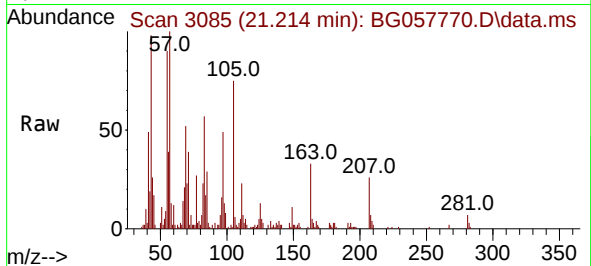




#82
 3,3'-Dichlorobenzidine
 Concen: 0.030 ng
 RT: 21.214 min Scan# 3085
 Delta R.T. -0.241 min
 Lab File: BG057770.D
 Acq: 20 Jun 2023 10:45

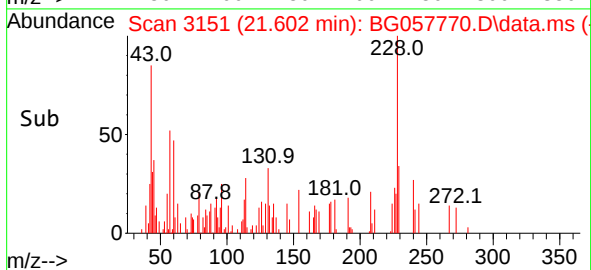
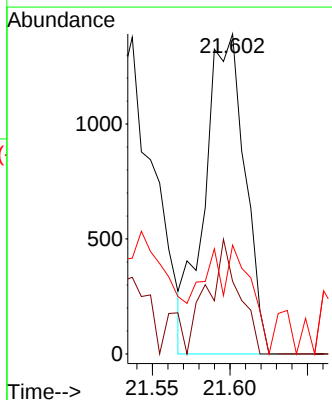
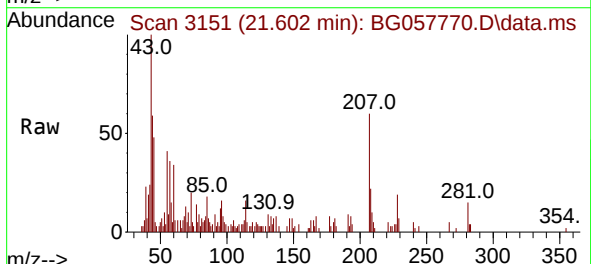
Instrument :
 BNA_G
 ClientSampleId :
 SB-02-12.0-14.0

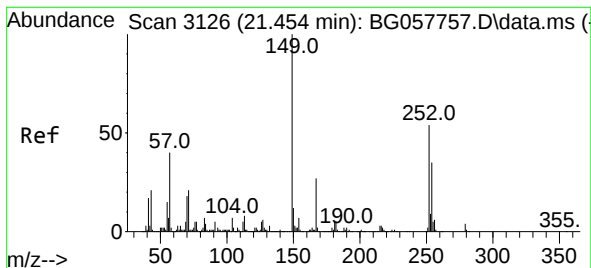
Tgt Ion:252 Resp: 151
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.0 76.6#
 126 306.4 7.0 10.6#



#83
 Chrysene
 Concen: 0.175 ng
 RT: 21.602 min Scan# 3151
 Delta R.T. -0.006 min
 Lab File: BG057770.D
 Acq: 20 Jun 2023 10:45

Tgt Ion:228 Resp: 2502
 Ion Ratio Lower Upper
 228 100
 226 22.7 24.8 37.2#
 229 34.0 15.6 23.4#

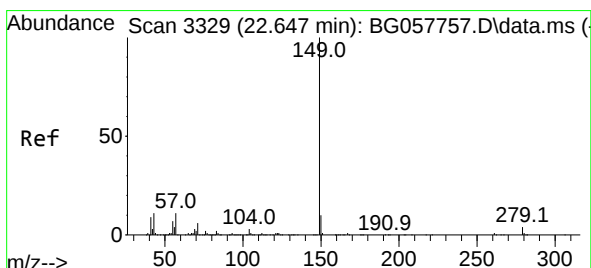
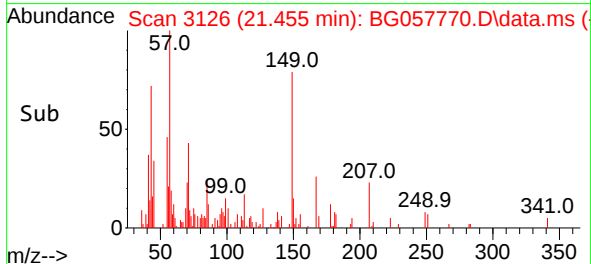
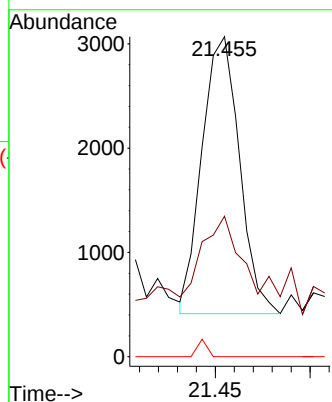
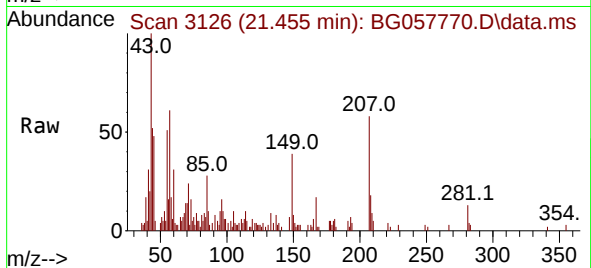




#84
Bis(2-ethylhexyl)phthalate
Concen: 0.427 ng
RT: 21.455 min Scan# 3126
Delta R.T. 0.000 min
Lab File: BG057770.D
Acq: 20 Jun 2023 10:45

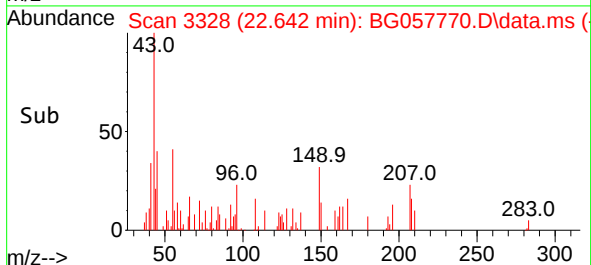
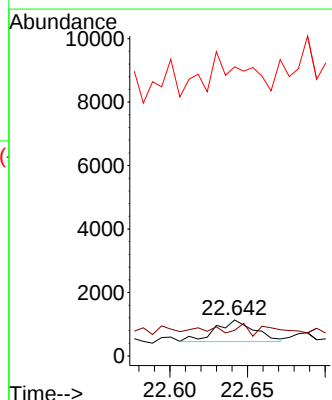
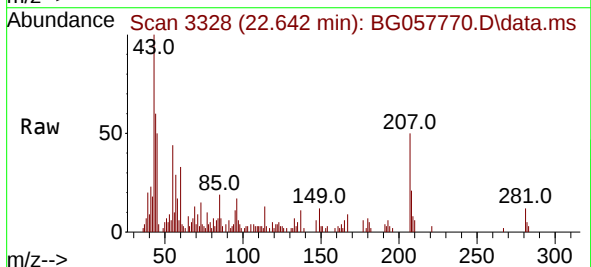
Instrument :
BNA_G
ClientSampleId :
SB-02-12.0-14.0

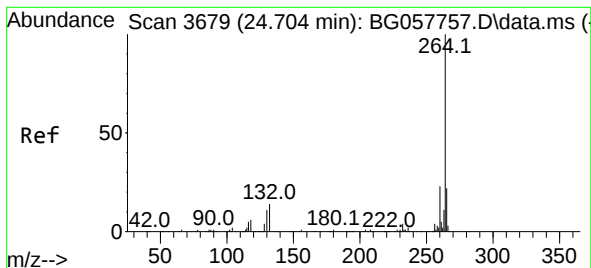
Tgt Ion:149 Resp: 3649
Ion Ratio Lower Upper
149 100
167 43.9 21.8 32.8#
279 0.0 2.9 4.3#



#85
Di-n-octyl phthalate
Concen: 0.080 ng
RT: 22.642 min Scan# 3328
Delta R.T. -0.006 min
Lab File: BG057770.D
Acq: 20 Jun 2023 10:45

Tgt Ion:149 Resp: 1196
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 141.5 9.6 14.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.704 min Scan# 3

Delta R.T. 0.000 min

Lab File: BG057770.D

Acq: 20 Jun 2023 10:45

Instrument :

BNA_G

ClientSampleId :

SB-02-12.0-14.0

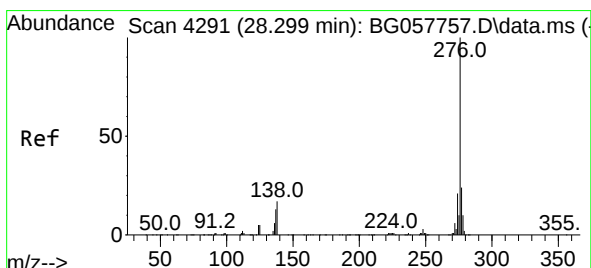
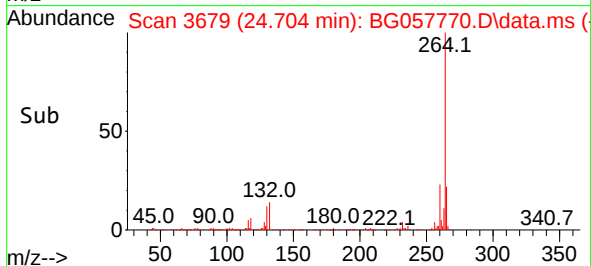
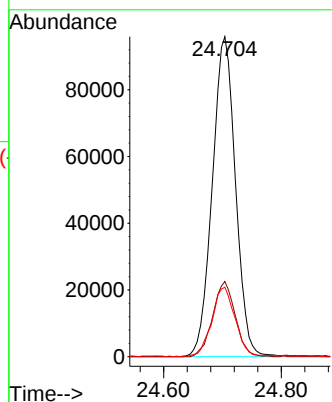
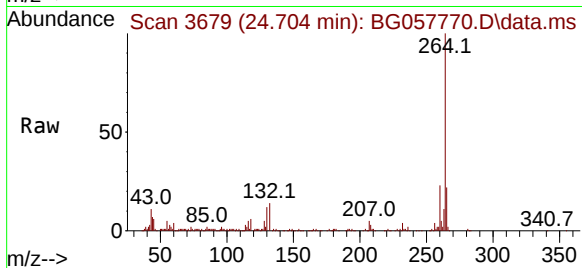
Tgt Ion:264 Resp: 262312

Ion Ratio Lower Upper

264 100

260 23.5 18.5 27.7

265 21.7 17.4 26.2



#87

Indeno(1,2,3-cd)pyrene

Concen: 0.053 ng

RT: 28.264 min Scan# 4285

Delta R.T. -0.035 min

Lab File: BG057770.D

Acq: 20 Jun 2023 10:45

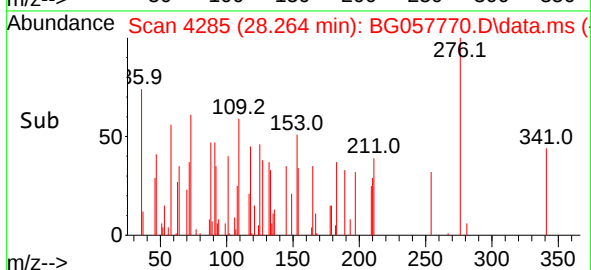
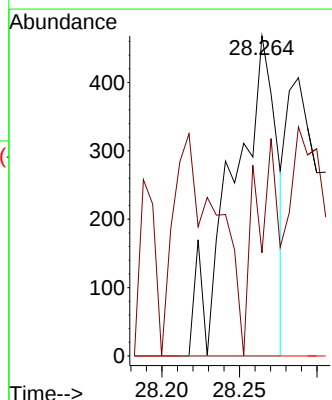
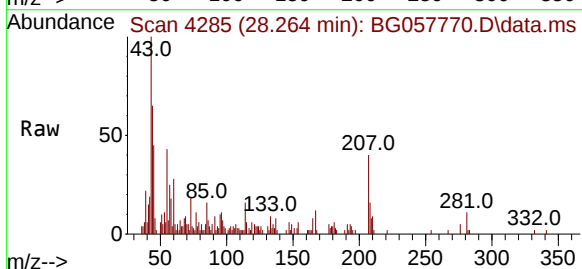
Tgt Ion:276 Resp: 917

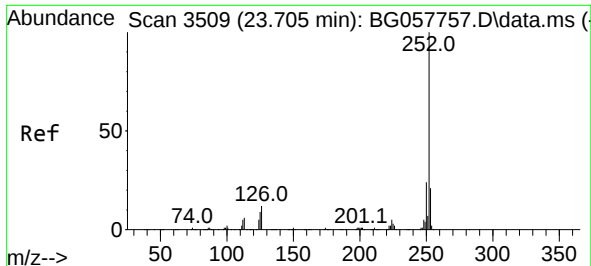
Ion Ratio Lower Upper

276 100

138 34.9 11.3 16.9#

277 0.0 20.4 30.6#

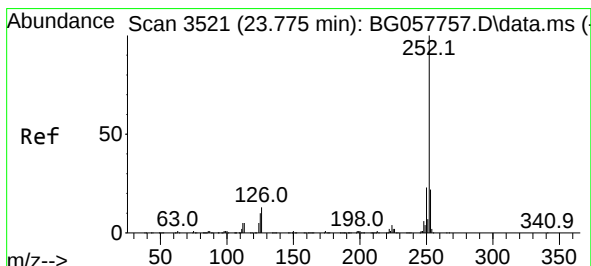
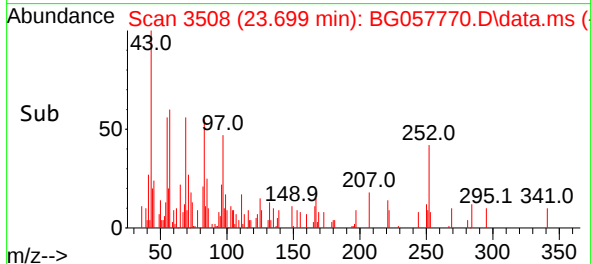
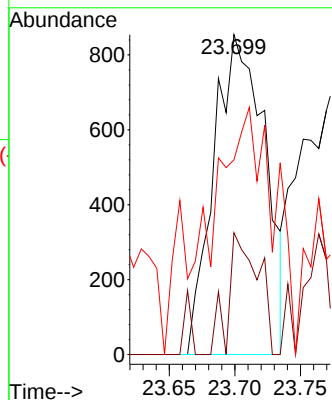
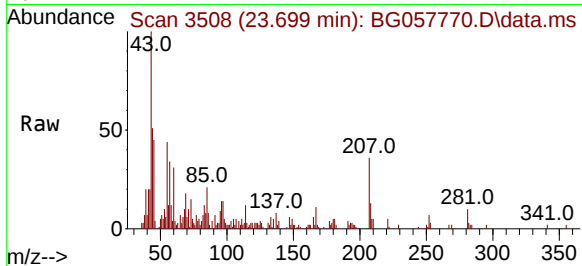




#88
Benzo(b)fluoranthene
Concen: 0.162 ng
RT: 23.699 min Scan# 3509
Delta R.T. -0.006 min
Lab File: BG057770.D
Acq: 20 Jun 2023 10:45

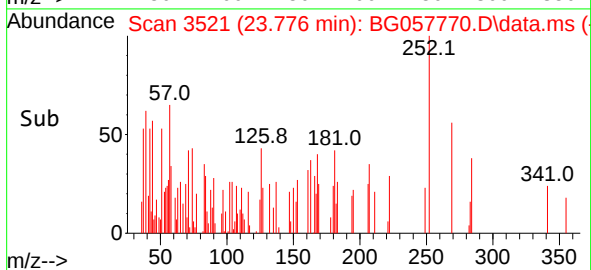
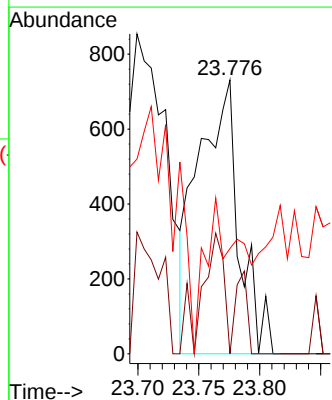
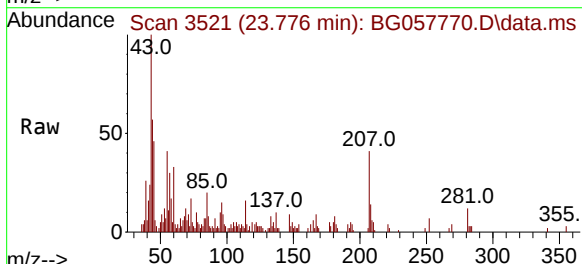
Instrument :
BNA_G
ClientSampleId :
SB-02-12.0-14.0

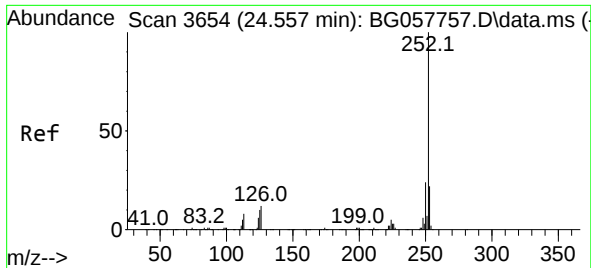
Tgt Ion:252 Resp: 2323
Ion Ratio Lower Upper
252 100
253 38.1 17.1 25.7#
125 60.9 7.4 11.0#



#89
Benzo(k)fluoranthene
Concen: 0.117 ng
RT: 23.776 min Scan# 3521
Delta R.T. 0.000 min
Lab File: BG057770.D
Acq: 20 Jun 2023 10:45

Tgt Ion:252 Resp: 1720
Ion Ratio Lower Upper
252 100
253 0.0 18.0 27.0#
125 38.4 7.6 11.4#

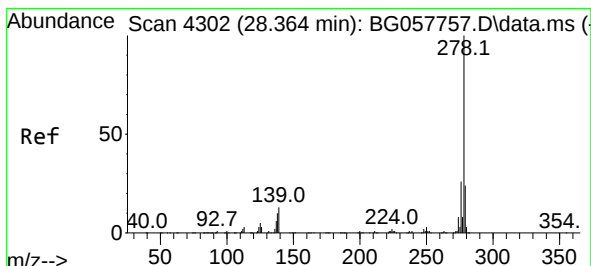
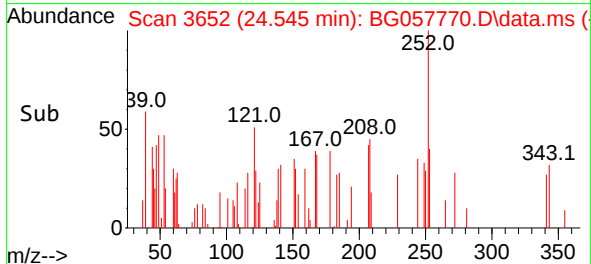
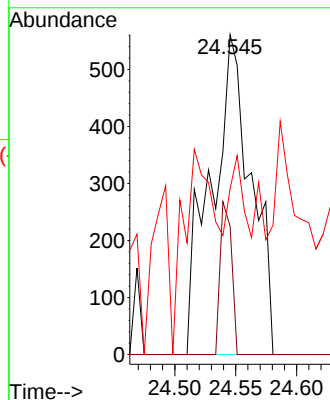
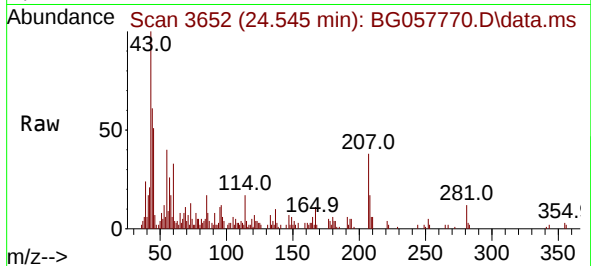




#90
Benzo(a)pyrene
Concen: 0.091 ng
RT: 24.545 min Scan# 30
Delta R.T. -0.011 min
Lab File: BG057770.D
Acq: 20 Jun 2023 10:45

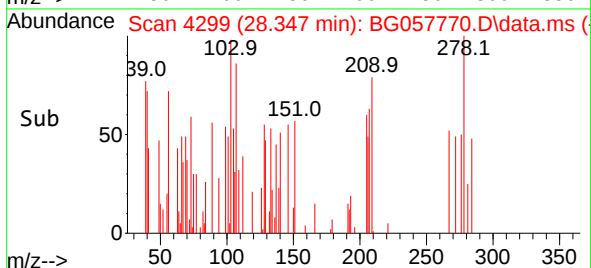
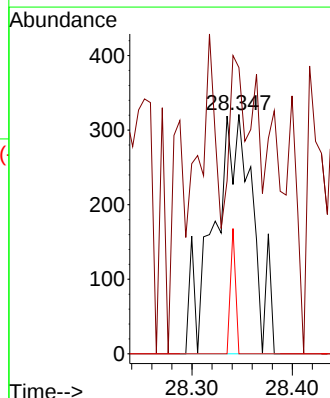
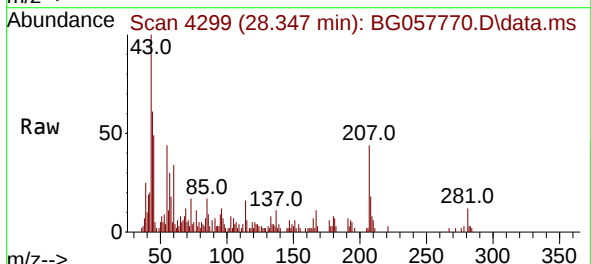
Instrument :
BNA_G
ClientSampleId :
SB-02-12.0-14.0

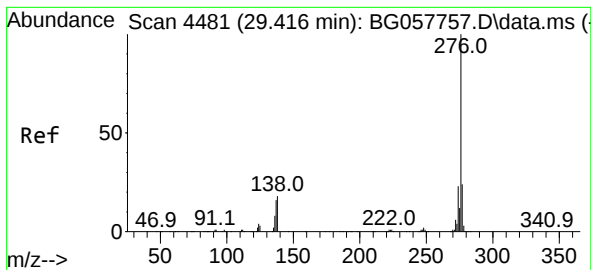
Tgt Ion:252 Resp: 1288
Ion Ratio Lower Upper
252 100
253 40.1 17.4 26.2#
125 51.9 8.0 12.0#



#91
Dibenzo(a,h)anthracene
Concen: 0.061 ng
RT: 28.347 min Scan# 4299
Delta R.T. -0.017 min
Lab File: BG057770.D
Acq: 20 Jun 2023 10:45

Tgt Ion:278 Resp: 874
Ion Ratio Lower Upper
278 100
139 119.6 10.8 16.2#
279 0.0 19.0 28.4#





#92
 Benzo(g,h,i)perylene
 Concen: 0.004 ng
 RT: 29.457 min Scan# 44
 Delta R.T. 0.041 min
 Lab File: BG057770.D
 Acq: 20 Jun 2023 10:45

Instrument :
 BNA_G
 ClientSampleId :
 SB-02-12.0-14.0

Tgt Ion:276 Resp: 58
 Ion Ratio Lower Upper
 276 100
 277 0.0 19.4 29.0#
 138 163.0 14.2 21.4#

