

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042423\
 Data File : BG057163.D
 Acq On : 24 Apr 2023 22:52
 Operator : CG/JU
 Sample : PB152347BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152347BS

Quant Time: Apr 25 05:19:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 25 04:59:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.384	152	20199	20.000	ng	0.00
21) Naphthalene-d8	11.228	136	83652	20.000	ng	0.00
39) Acenaphthene-d10	14.999	164	62560	20.000	ng	0.00
64) Phenanthrene-d10	17.742	188	153980	20.000	ng	0.00
76) Chrysene-d12	22.060	240	138436	20.000	ng	0.00
86) Perylene-d12	25.579	264	146175	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.900	112	186375	167.208	ng	0.00
7) Phenol-d6	7.527	99	263842	163.601	ng	0.00
23) Nitrobenzene-d5	9.565	82	164667	97.315	ng	0.00
42) 2,4,6-Tribromophenol	16.485	330	107853	130.664	ng	0.00
45) 2-Fluorobiphenyl	13.624	172	403652	86.713	ng	0.00
79) Terphenyl-d14	20.310	244	745363	94.175	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.697	88	22095	44.237	ng	92
3) Pyridine	4.120	79	59063	38.974	ng	89
4) n-Nitrosodimethylamine	4.032	42	32709	59.834	ng	# 93
6) Aniline	7.697	93	97084	46.097	ng	96
8) 2-Chlorophenol	7.944	128	64327	55.091	ng	98
9) Benzaldehyde	7.509	77	48763	50.481	ng	89
10) Phenol	7.550	94	92403	57.703	ng	97
11) bis(2-Chloroethyl)ether	7.785	93	62277	49.559	ng	90
12) 1,3-Dichlorobenzene	8.273	146	65435	47.306	ng	96
13) 1,4-Dichlorobenzene	8.420	146	66209	47.495	ng	98
14) 1,2-Dichlorobenzene	8.749	146	64462	47.893	ng	98
15) Benzyl Alcohol	8.619	79	67307	56.640	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.901	45	85768	51.405	ng	99
17) 2-Methylphenol	8.819	107	60769	51.859	ng	98
18) Hexachloroethane	9.489	117	23649	50.007	ng	96
19) n-Nitroso-di-n-propyla...	9.189	70	57963	57.784	ng	93
20) 3+4-Methylphenols	9.148	107	83599	52.130	ng	98
22) Acetophenone	9.213	105	107057	47.177	ng	# 94
24) Nitrobenzene	9.606	77	88185	51.907	ng	97
25) Isophorone	10.129	82	159550	49.158	ng	98
26) 2-Nitrophenol	10.323	139	31451	49.552	ng	91
27) 2,4-Dimethylphenol	10.364	122	64513	52.884	ng	96
28) bis(2-Chloroethoxy)met...	10.599	93	86640	50.923	ng	98
29) 2,4-Dichlorophenol	10.864	162	67943	49.997	ng	93
30) 1,2,4-Trichlorobenzene	11.081	180	72197	43.446	ng	94
31) Naphthalene	11.281	128	201510	45.353	ng	99
32) Benzoic acid	10.511	122	26171	46.021	ng	96
33) 4-Chloroaniline	11.375	127	70385	36.030	ng	97
34) Hexachlorobutadiene	11.551	225	50981	41.606	ng	97
35) Caprolactam	12.138	113	11816	31.401	ng	92
36) 4-Chloro-3-methylphenol	12.467	107	75136	51.396	ng	94
37) 2-Methylnaphthalene	12.855	142	148501	42.472	ng	95
38) 1-Methylnaphthalene	13.072	142	140792	43.615	ng	96
40) 1,2,4,5-Tetrachloroben...	13.213	216	97159	42.444	ng	# 97
41) Hexachlorocyclopentadiene	13.190	237	105007	105.646	ng	95
43) 2,4,6-Trichlorophenol	13.442	196	60085	48.483	ng	100

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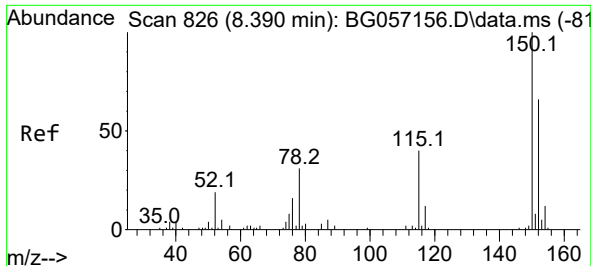
Quant Time: Apr 25 05:19:45 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.519	196	65844	44.009	ng	96
46) 1,1'-Biphenyl	13.836	154	211915	45.445	ng	99
47) 2-Chloronaphthalene	13.889	162	162525	46.179	ng	98
48) 2-Nitroaniline	14.083	65	45613	51.493	ng	93
49) Acenaphthylene	14.729	152	254520	45.556	ng	99
50) Dimethylphthalate	14.435	163	207060	47.160	ng	99
51) 2,6-Dinitrotoluene	14.564	165	45318	49.448	ng	94
52) Acenaphthene	15.064	154	157995	43.283	ng	99
53) 3-Nitroaniline	14.899	138	34548	37.962	ng	97
54) 2,4-Dinitrophenol	15.105	184	47655	90.789	ng	88
55) Dibenzofuran	15.393	168	257069	43.464	ng	99
56) 4-Nitrophenol	15.199	139	68947	107.634	ng	91
57) 2,4-Dinitrotoluene	15.352	165	63253	50.680	ng	93
58) Fluorene	16.045	166	212568	44.640	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.540	232	57501	44.868	ng	92
60) Diethylphthalate	15.786	149	205765	48.618	ng	100
61) 4-Chlorophenyl-phenyle...	16.021	204	124373	43.517	ng	97
62) 4-Nitroaniline	16.056	138	43865	47.868	ng	91
63) Azobenzene	16.315	77	227527	50.537	ng	98
65) 4,6-Dinitro-2-methylph...	16.115	198	37119	46.604	ng	96
66) n-Nitrosodiphenylamine	16.233	169	184307	45.873	ng	99
67) 4-Bromophenyl-phenylether	16.914	248	79675	43.027	ng	99
68) Hexachlorobenzene	17.043	284	82852	43.622	ng	# 91
69) Atrazine	17.167	200	74191	57.814	ng	98
70) Pentachlorophenol	17.390	266	79573	89.149	ng	98
71) Phenanthrene	17.784	178	355093	45.173	ng	99
72) Anthracene	17.878	178	358065	45.049	ng	98
73) Carbazole	18.142	167	314666	46.900	ng	99
74) Di-n-butylphthalate	18.659	149	315670	50.581	ng	99
75) Fluoranthene	19.775	202	435031	44.545	ng	99
77) Benzidine	19.939	184	179731	86.159	ng	99
78) Pyrene	20.133	202	440949	46.914	ng	98
80) Butylbenzylphthalate	20.991	149	121360	49.466	ng	98
81) Benzo(a)anthracene	22.037	228	442560	46.496	ng	100
82) 3,3'-Dichlorobenzidine	21.931	252	110465	44.342	ng	99
83) Chrysene	22.107	228	407820	44.429	ng	99
84) Bis(2-ethylhexyl)phtha...	21.884	149	182236	47.060	ng	98
85) Di-n-octyl phthalate	23.188	149	318178	51.246	ng	99
87) Indeno(1,2,3-cd)pyrene	29.650	276	494506	47.227	ng	# 94
88) Benzo(b)fluoranthene	24.451	252	450671	49.184	ng	97
89) Benzo(k)fluoranthene	24.527	252	449310	47.405	ng	99
90) Benzo(a)pyrene	25.414	252	397594	44.054	ng	99
91) Dibenzo(a,h)anthracene	29.714	278	410699	47.239	ng	98
92) Benzo(g,h,i)perylene	30.930	276	395006	45.920	ng	98

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

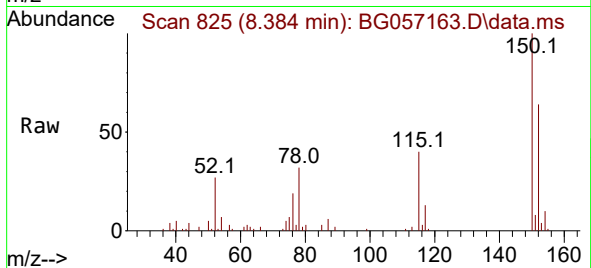
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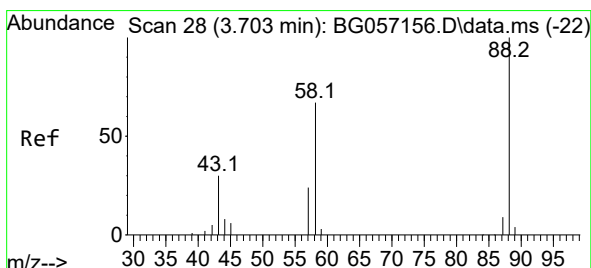
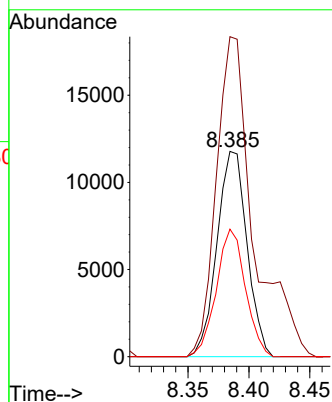
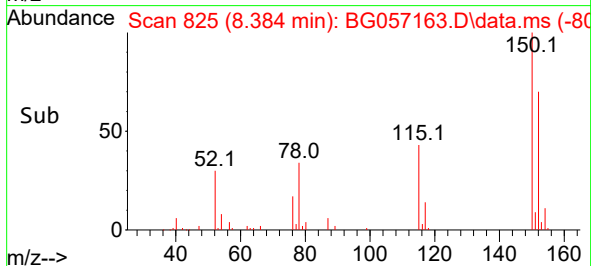


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.384 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG057163.D
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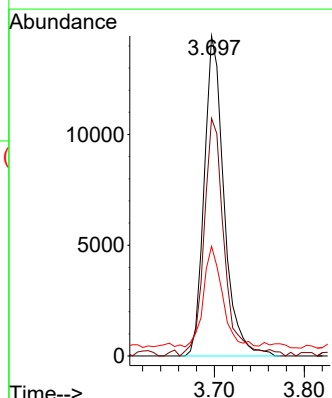
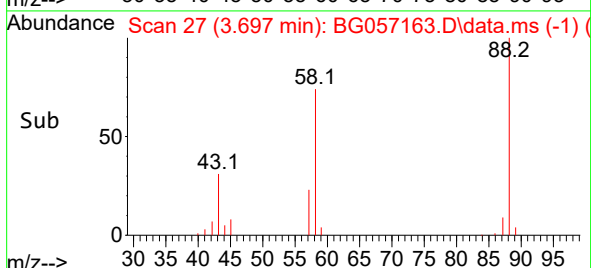
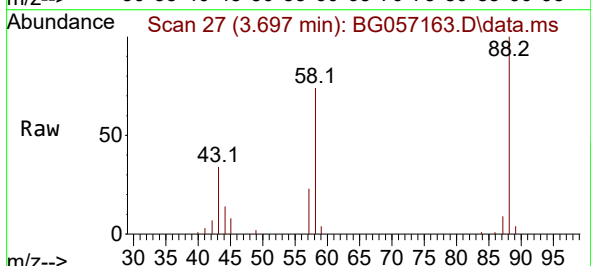


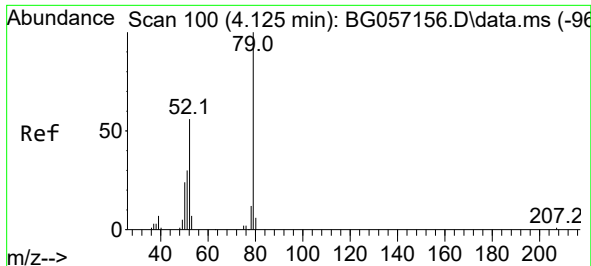
Tgt Ion:152 Resp: 20199
Ion Ratio Lower Upper
152 100
150 155.9 121.4 182.2
115 62.1 48.1 72.1



#2
1,4-Dioxane
Concen: 44.237 ng
RT: 3.697 min Scan# 27
Delta R.T. -0.006 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Tgt Ion: 88 Resp: 22095
Ion Ratio Lower Upper
88 100
58 75.8 54.2 81.4
43 30.3 23.0 34.6

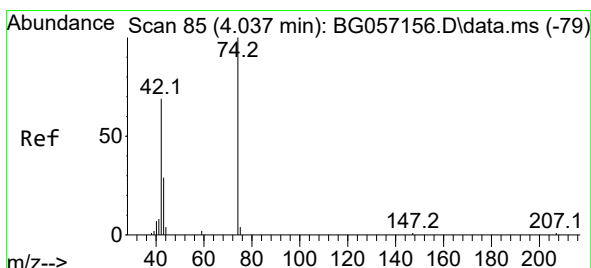
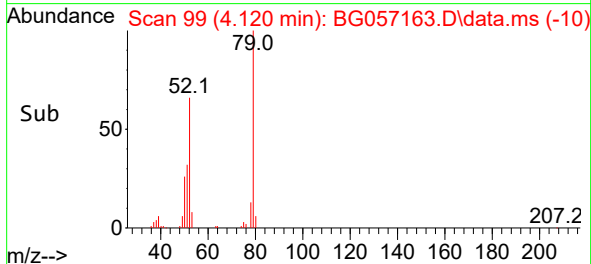
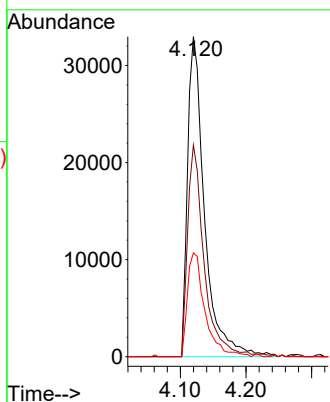
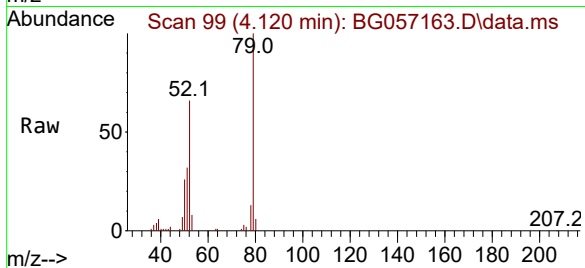




#3
 Pyridine
 Concen: 38.974 ng
 RT: 4.120 min Scan# 99
 Delta R.T. -0.006 min
 Lab File: BG057163.D
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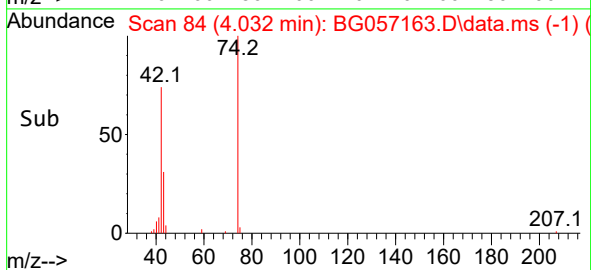
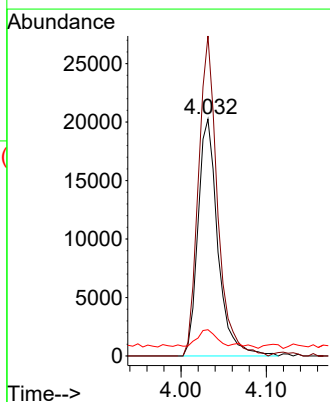
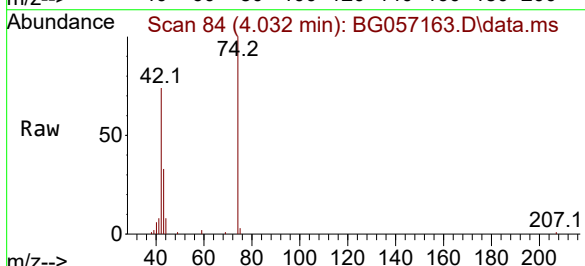
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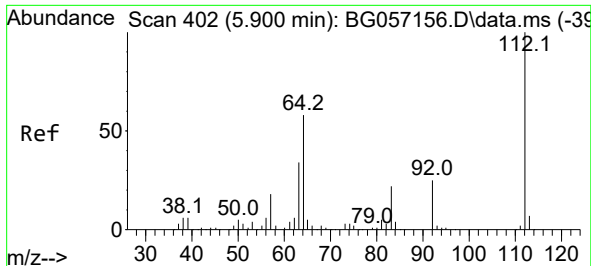
Tgt Ion: 79 Resp: 59063
 Ion Ratio Lower Upper
 79 100
 52 66.2 44.5 66.7
 51 32.4 24.3 36.5



#4
 n-Nitrosodimethylamine
 Concen: 59.834 ng
 RT: 4.032 min Scan# 84
 Delta R.T. -0.005 min
 Lab File: BG057163.D
 Acq: 24 Apr 2023 22:52

Tgt Ion: 42 Resp: 32709
 Ion Ratio Lower Upper
 42 100
 74 135.2 115.6 173.4
 44 11.1 7.1 10.7#

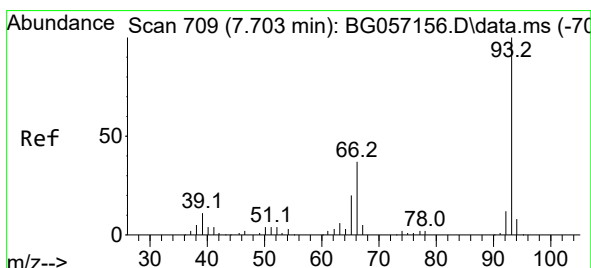
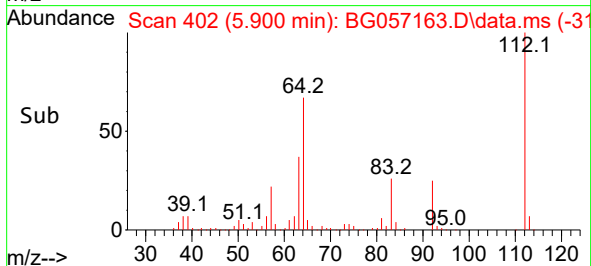
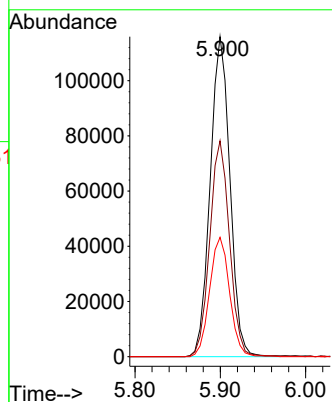
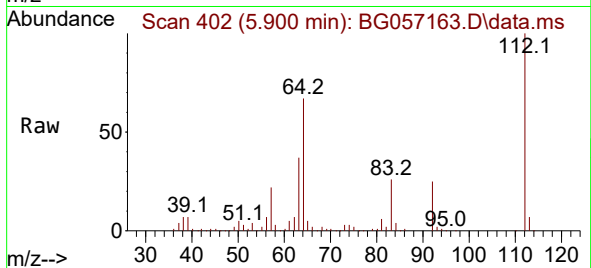




#5
2-Fluorophenol
Concen: 167.208 ng
RT: 5.900 min Scan# 402
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

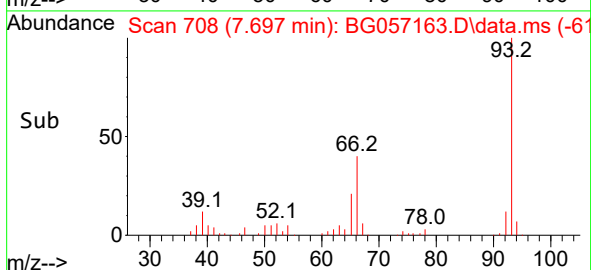
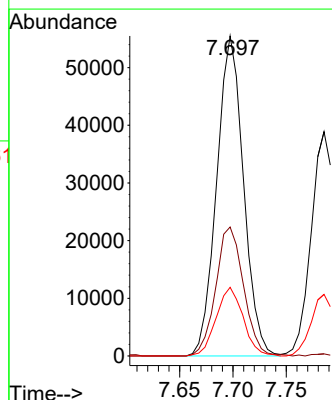
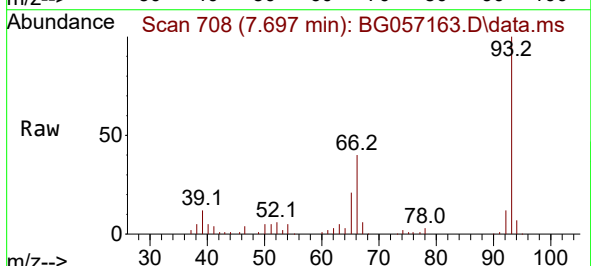
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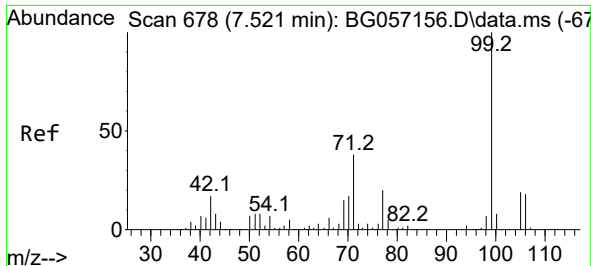
Tgt Ion:112 Resp: 186375
Ion Ratio Lower Upper
112 100
64 67.5 46.7 70.1
63 37.3 26.9 40.3



#6
Aniline
Concen: 46.097 ng
RT: 7.697 min Scan# 708
Delta R.T. -0.006 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Tgt Ion: 93 Resp: 97084
Ion Ratio Lower Upper
93 100
66 40.3 29.8 44.8
65 21.4 16.4 24.6

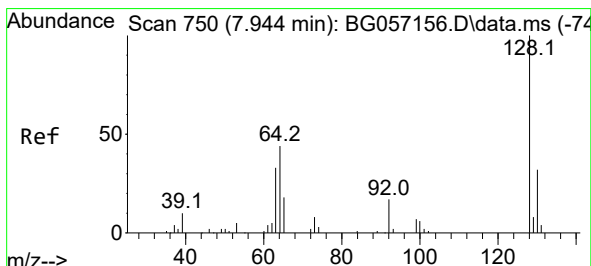
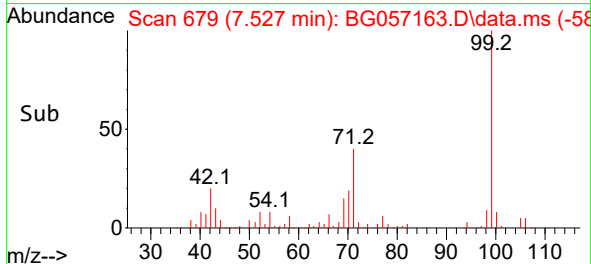
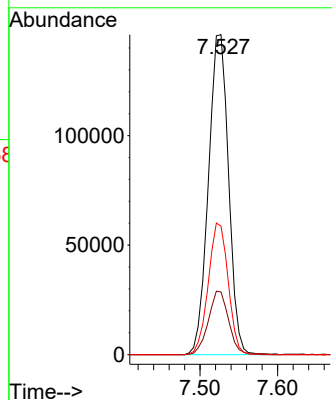
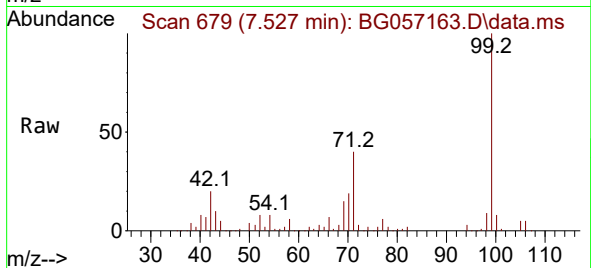




#7
Phenol-d6
Concen: 163.601 ng
RT: 7.527 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

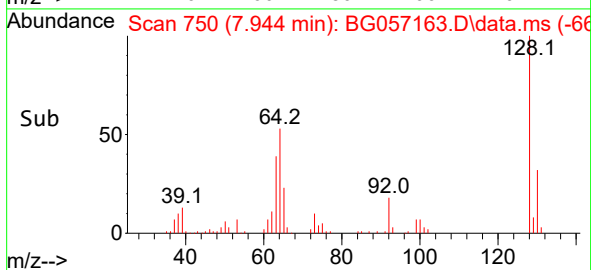
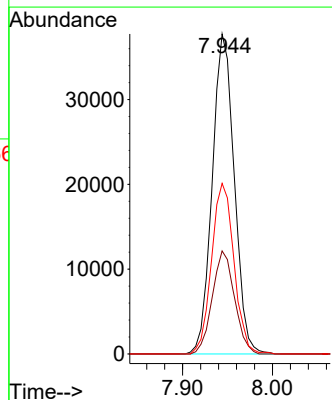
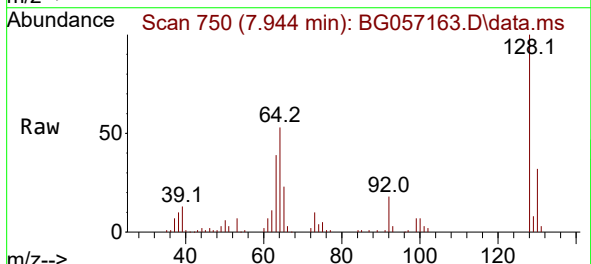
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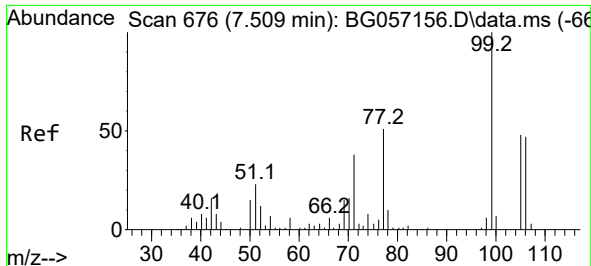
Tgt Ion: 99 Resp: 263842
Ion Ratio Lower Upper
99 100
42 19.6 13.4 20.0
71 40.2 30.2 45.2



#8
2-Chlorophenol
Concen: 55.091 ng
RT: 7.944 min Scan# 750
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Tgt Ion: 128 Resp: 64327
Ion Ratio Lower Upper
128 100
130 32.2 11.6 51.6
64 53.3 31.4 71.4

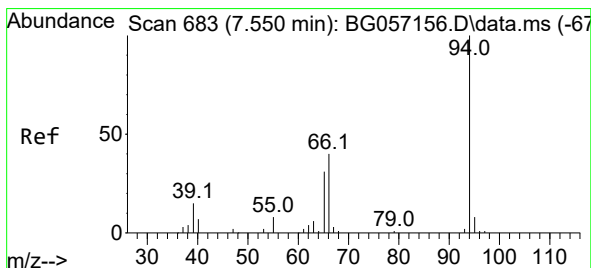
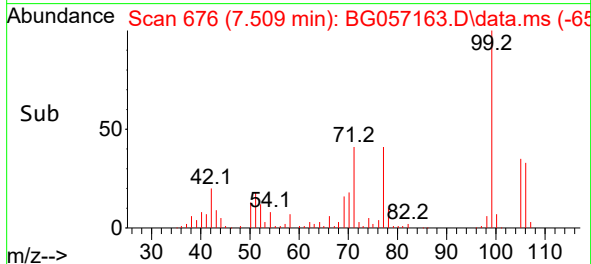
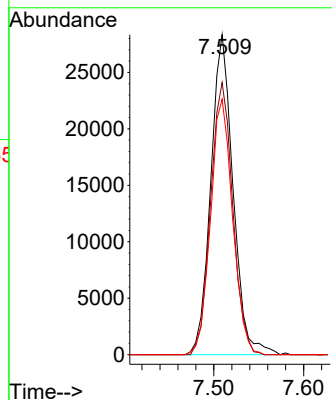
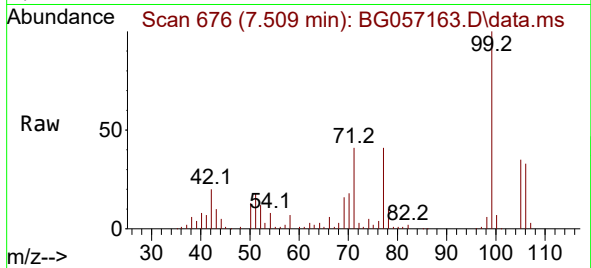




#9
Benzaldehyde
Concen: 50.481 ng
RT: 7.509 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

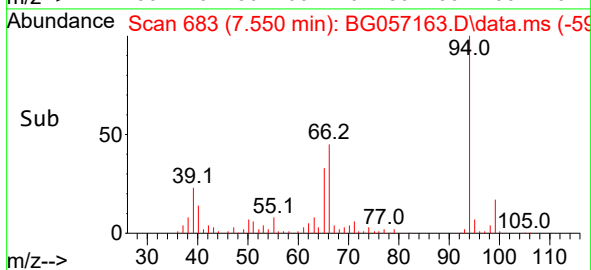
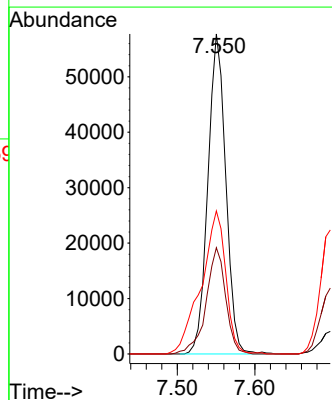
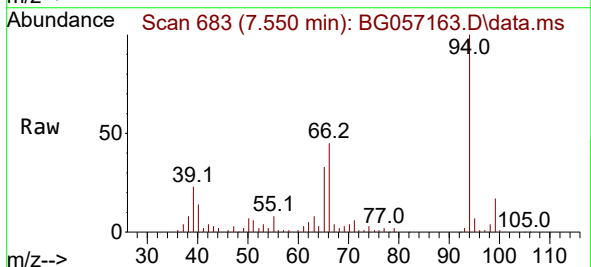
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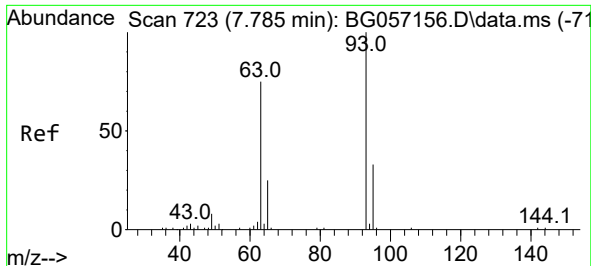
Tgt Ion: 77 Resp: 48763
Ion Ratio Lower Upper
77 100
105 85.0 73.5 113.5
106 79.9 72.7 112.7



#10
Phenol
Concen: 57.703 ng
RT: 7.550 min Scan# 683
Delta R.T. 0.000 min
Lab File: BG057163.D
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Tgt Ion: 94 Resp: 92403
Ion Ratio Lower Upper
94 100
65 33.2 11.6 51.6
66 44.7 22.7 62.7

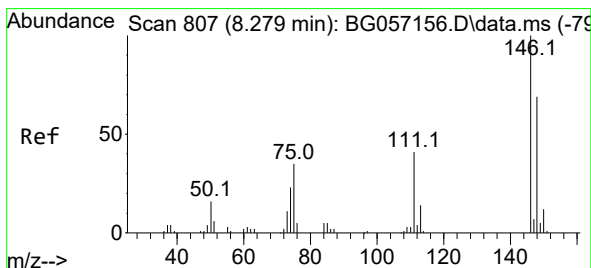
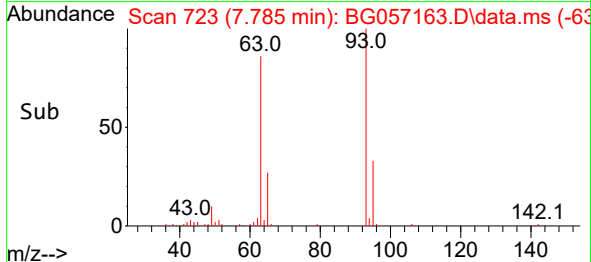
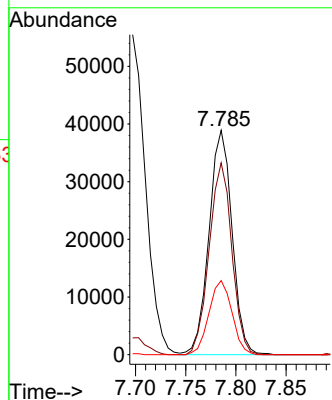
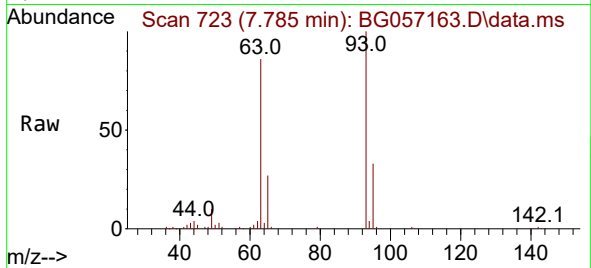




#11
bis(2-Chloroethyl)ether
Concen: 49.559 ng
RT: 7.785 min Scan# 71
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

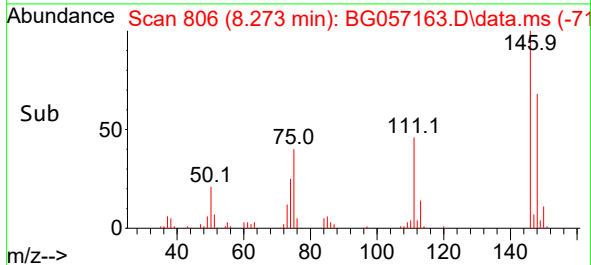
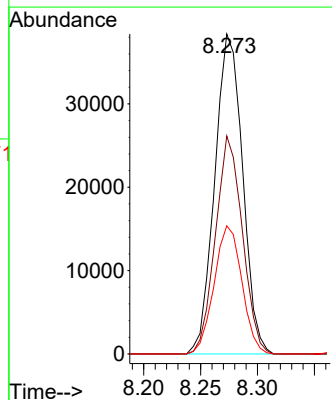
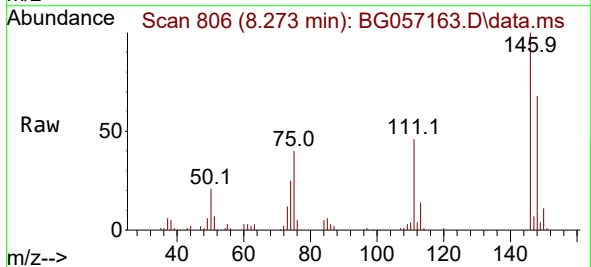
Instrument :
BNA_G
ClientSampleId :
PB152347BS

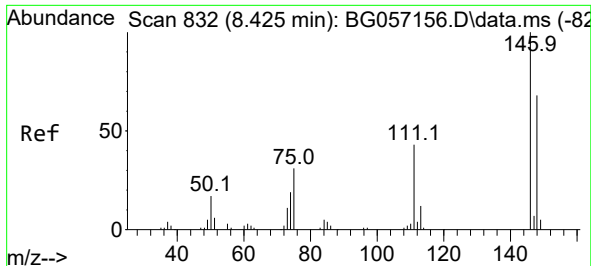
Tgt Ion:	93	Resp:	62277
Ion	Ratio	Lower	Upper
93	100		
63	85.6	53.9	93.9
95	33.0	13.1	53.1



#12
1,3-Dichlorobenzene
Concen: 47.306 ng
RT: 8.273 min Scan# 806
Delta R.T. -0.006 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Tgt Ion:	146	Resp:	65435
Ion	Ratio	Lower	Upper
146	100		
148	68.1	55.4	83.2
75	40.0	28.2	42.4

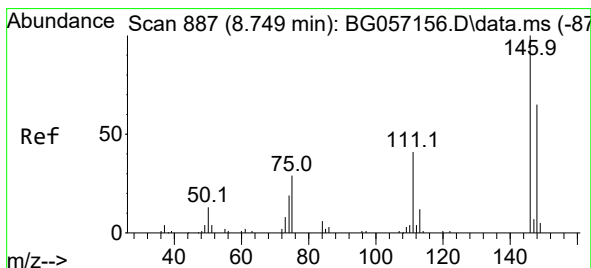
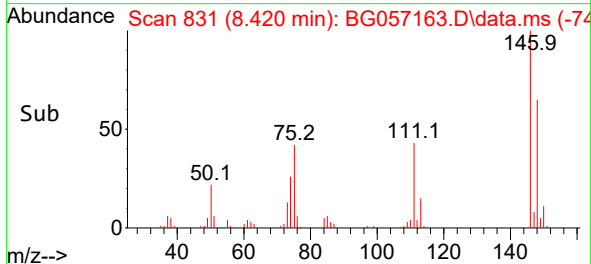
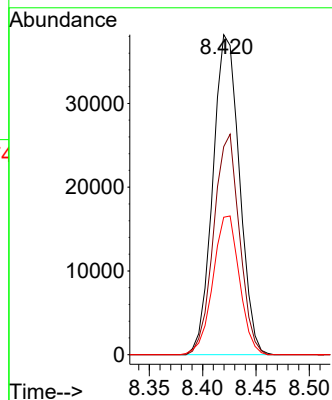
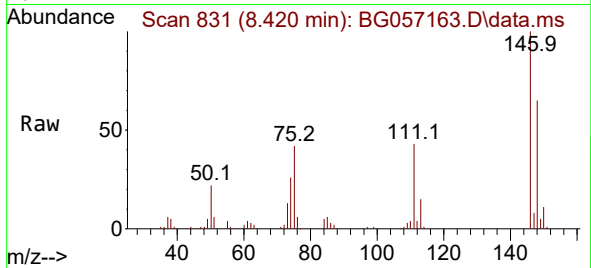




#13
1,4-Dichlorobenzene
Concen: 47.495 ng
RT: 8.420 min Scan# 811
Delta R.T. -0.006 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

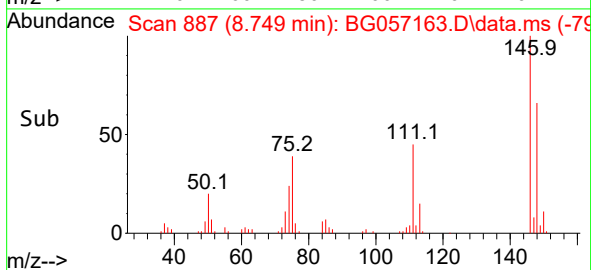
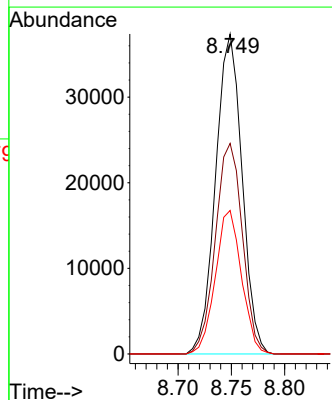
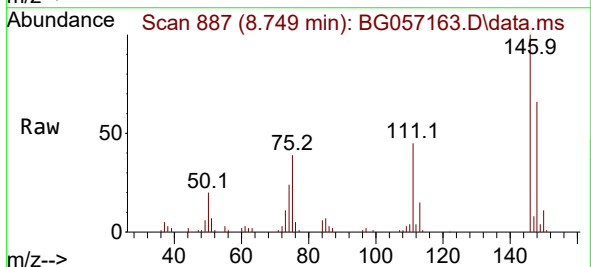
Instrument :
BNA_G
ClientSampleId :
PB152347BS

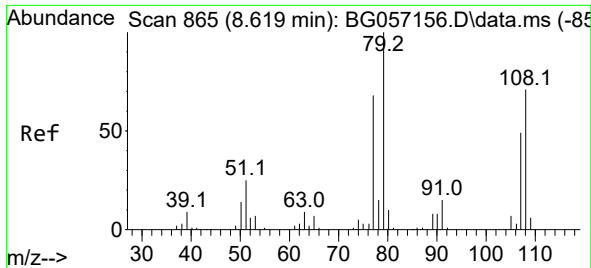
Tgt Ion:146 Resp: 66209
Ion Ratio Lower Upper
146 100
148 65.0 54.3 81.5
111 43.0 34.2 51.4



#14
1,2-Dichlorobenzene
Concen: 47.893 ng
RT: 8.749 min Scan# 887
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Tgt Ion:146 Resp: 64462
Ion Ratio Lower Upper
146 100
148 65.8 52.3 78.5
111 44.9 33.1 49.7

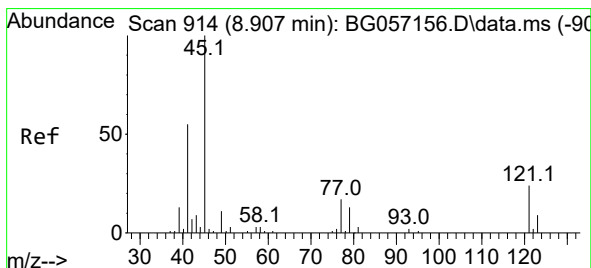
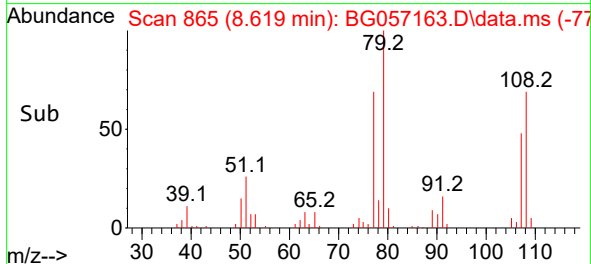
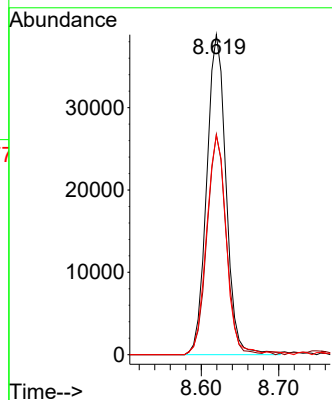
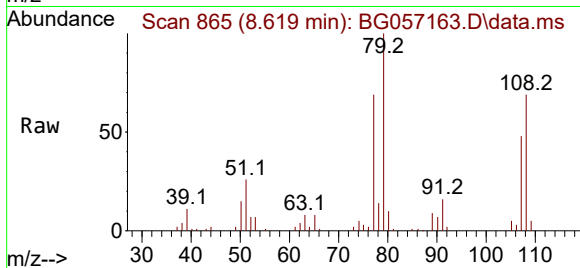




#15
Benzyl Alcohol
Concen: 56.640 ng
RT: 8.619 min Scan# 80
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

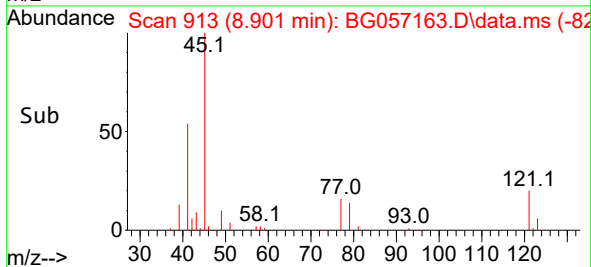
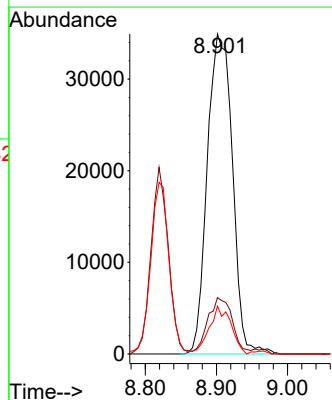
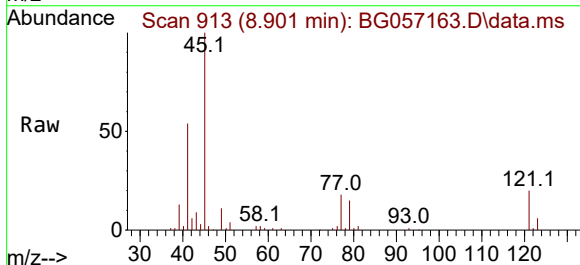
Instrument :
BNA_G
ClientSampleId :
PB152347BS

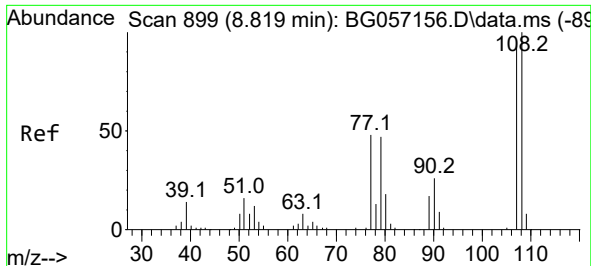
Tgt Ion: 79 Resp: 67307
Ion Ratio Lower Upper
79 100
108 68.9 56.8 85.2
77 68.5 54.2 81.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.405 ng
RT: 8.901 min Scan# 913
Delta R.T. -0.006 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Tgt Ion: 45 Resp: 85768
Ion Ratio Lower Upper
45 100
77 17.6 0.0 38.7
79 15.0 0.0 34.9

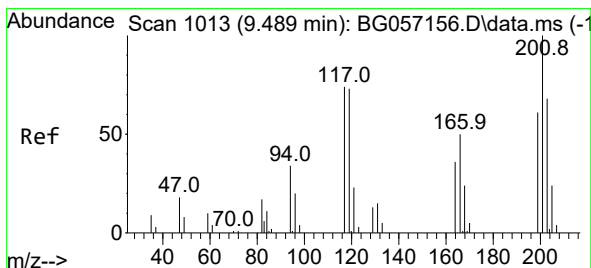
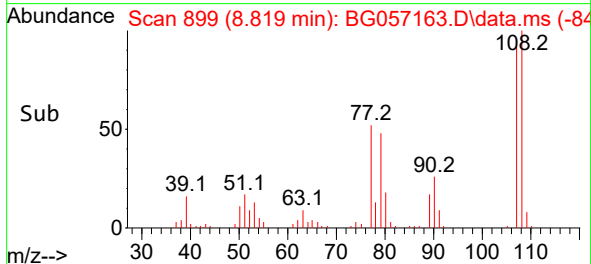
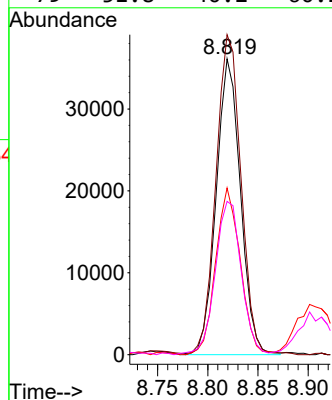
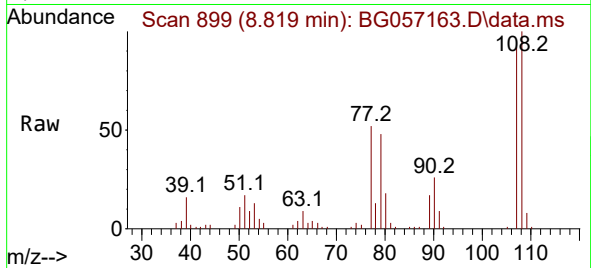




#17
2-Methylphenol
Concen: 51.859 ng
RT: 8.819 min Scan# 899
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

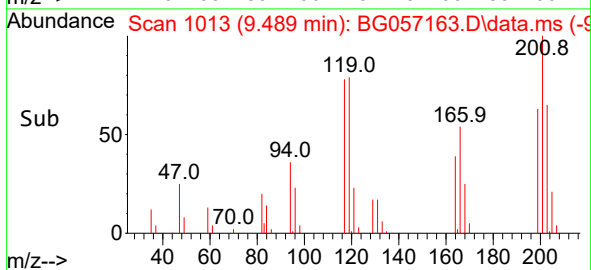
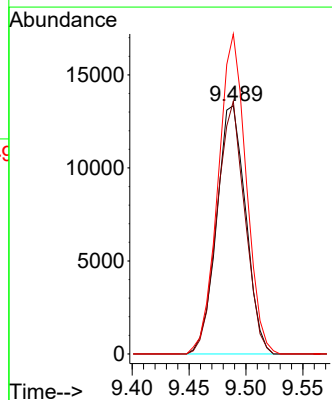
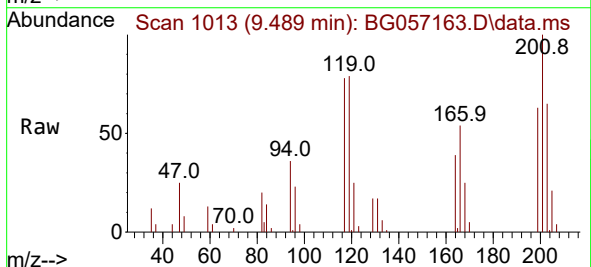
Instrument :
BNA_G
ClientSampleId :
PB152347BS

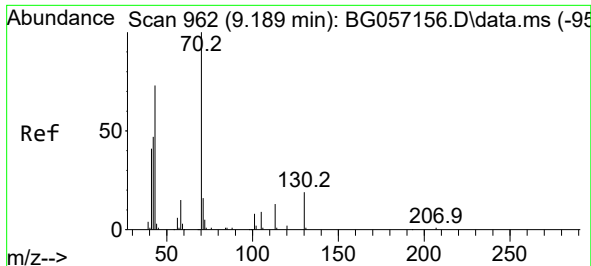
Tgt Ion:107 Resp: 60769
Ion Ratio Lower Upper
107 100
108 108.2 86.2 129.4
77 56.4 41.8 62.8
79 51.8 40.2 60.2



#18
Hexachloroethane
Concen: 50.007 ng
RT: 9.489 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Tgt Ion:117 Resp: 23649
Ion Ratio Lower Upper
117 100
119 101.8 78.3 117.5
201 128.9 107.6 161.4

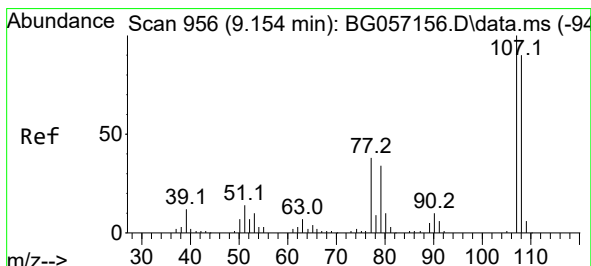
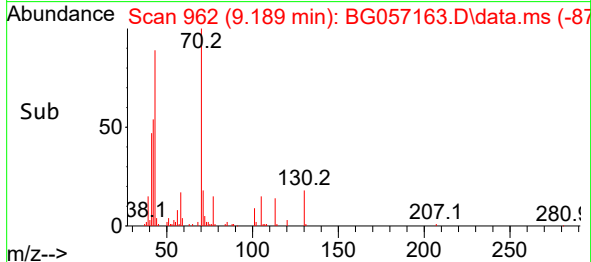
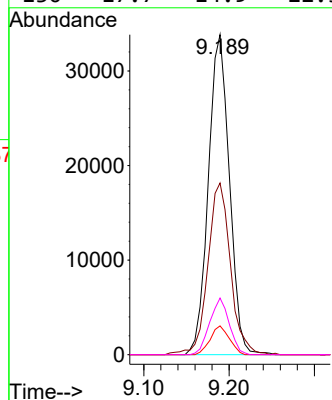
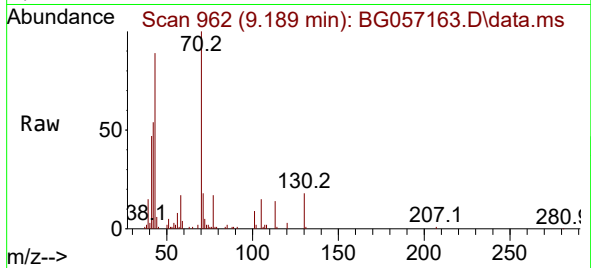




#19
n-Nitroso-di-n-propylamine
Concen: 57.784 ng
RT: 9.189 min Scan# 90
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

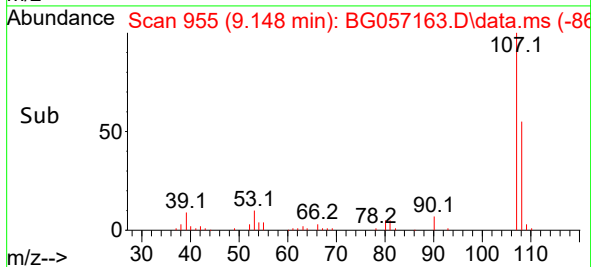
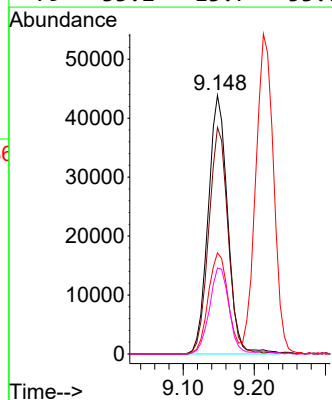
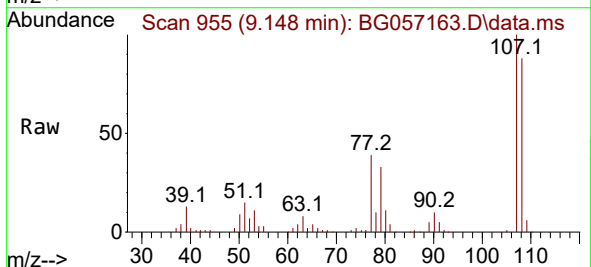
Instrument :
BNA_G
ClientSampleId :
PB152347BS

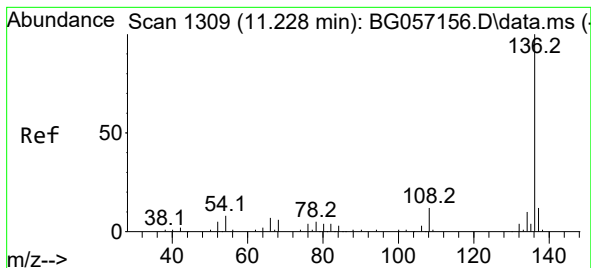
Tgt Ion:	70	Resp:	57963
Ion	Ratio	Lower	Upper
70	100		
42	53.6	38.0	57.0
101	9.0	6.6	9.8
130	17.7	14.9	22.3



#20
3+4-Methylphenols
Concen: 52.130 ng
RT: 9.148 min Scan# 955
Delta R.T. -0.006 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Tgt Ion:	107	Resp:	83599
Ion	Ratio	Lower	Upper
107	100		
108	87.7	70.2	110.2
77	39.1	17.8	57.8
79	33.2	13.7	53.7

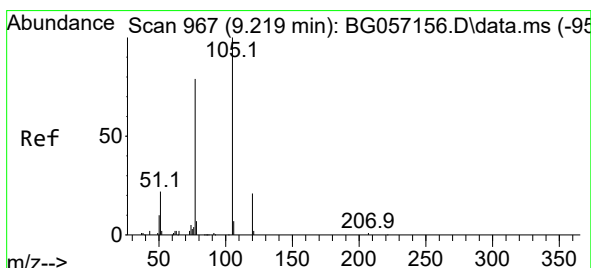
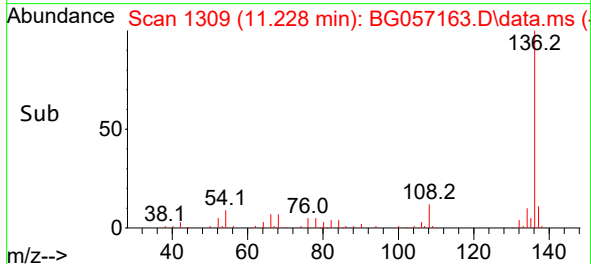
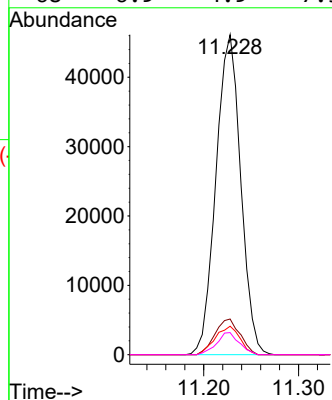
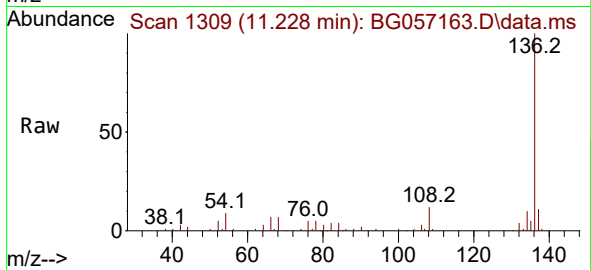




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.228 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

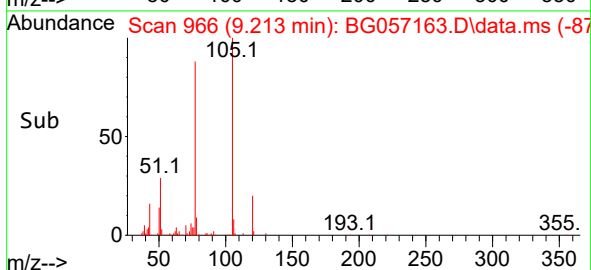
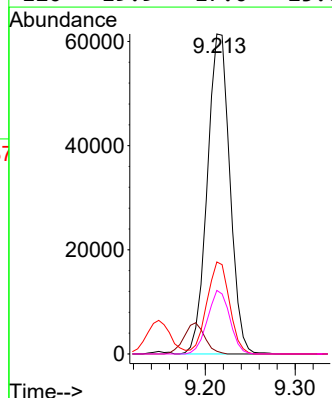
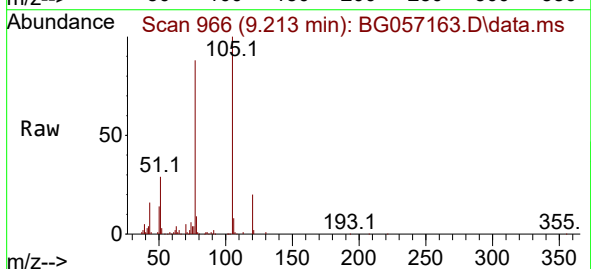
Instrument :
BNA_G
ClientSampleId :
PB152347BS

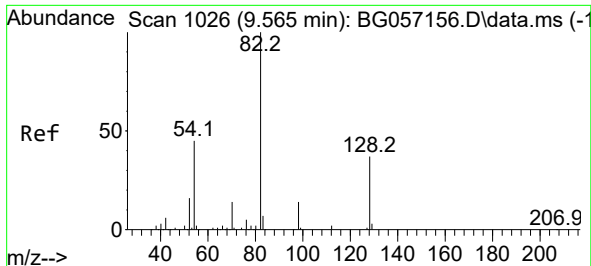
Tgt Ion:	136	Resp:	83652
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.5	14.3
54	8.9	6.4	9.6
68	6.9	4.9	7.3



#22
Acetophenone
Concen: 47.177 ng
RT: 9.213 min Scan# 966
Delta R.T. -0.006 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Tgt Ion:	105	Resp:	107057
Ion Ratio	Lower	Upper	
105	100		
71	0.9	0.2	0.4
51	28.8	19.4	29.0
120	19.9	17.0	25.6

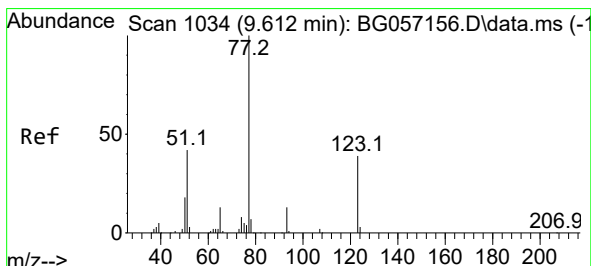
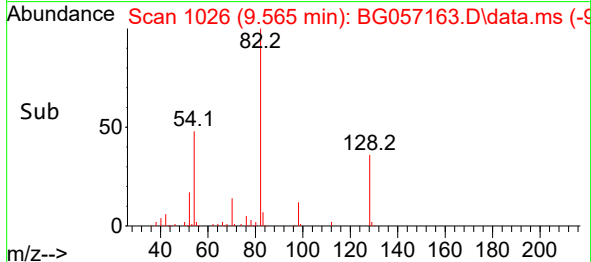
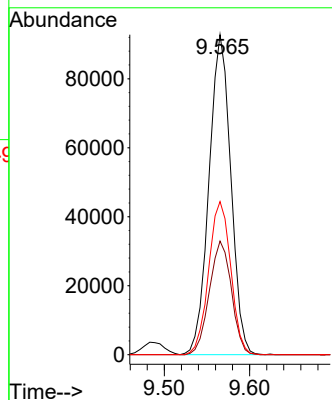
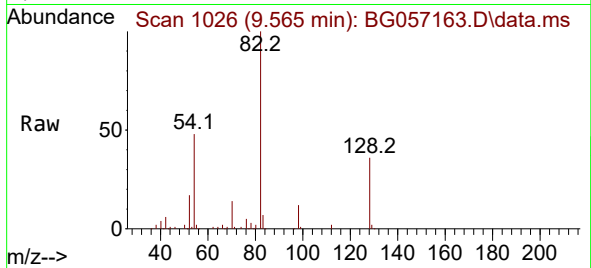




#23
Nitrobenzene-d5
Concen: 97.315 ng
RT: 9.565 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

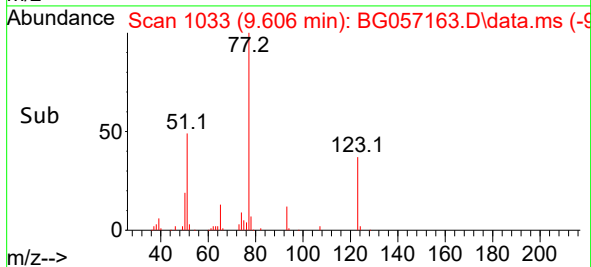
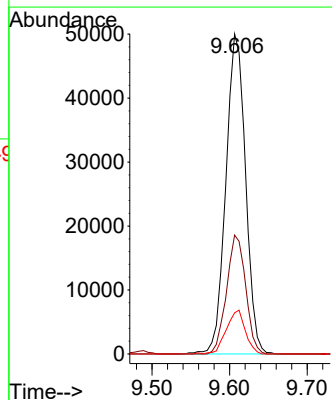
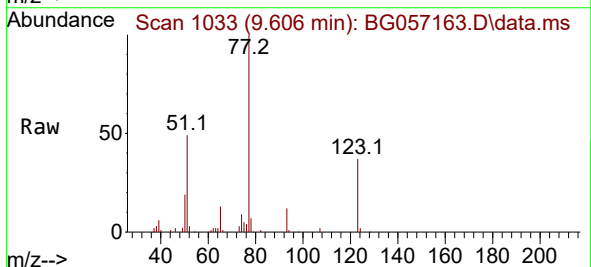
Instrument :
BNA_G
ClientSampleId :
PB152347BS

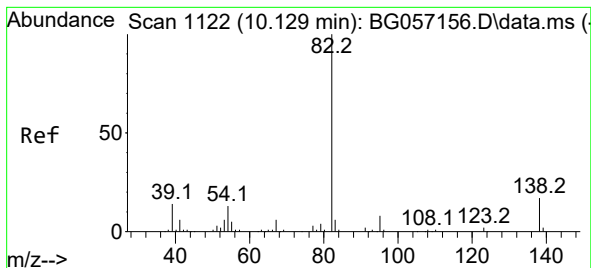
Tgt Ion: 82 Resp: 164667
Ion Ratio Lower Upper
82 100
128 35.5 29.4 44.2
54 47.8 36.2 54.2



#24
Nitrobenzene
Concen: 51.907 ng
RT: 9.606 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Tgt Ion: 77 Resp: 88185
Ion Ratio Lower Upper
77 100
123 37.2 31.3 46.9
65 12.9 10.5 15.7





#25

Isophorone

Concen: 49.158 ng

RT: 10.129 min Scan# 1122

Delta R.T. 0.000 min

Lab File: BG057163.D

Acq: 24 Apr 2023 22:52

Instrument :

BNA_G

ClientSampleId :

PB152347BS

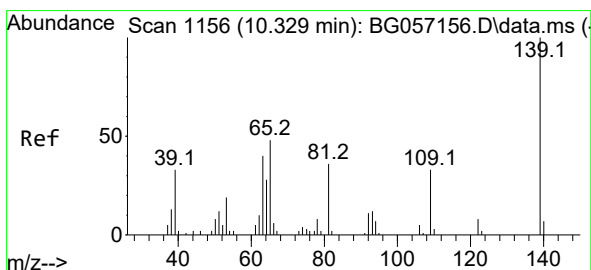
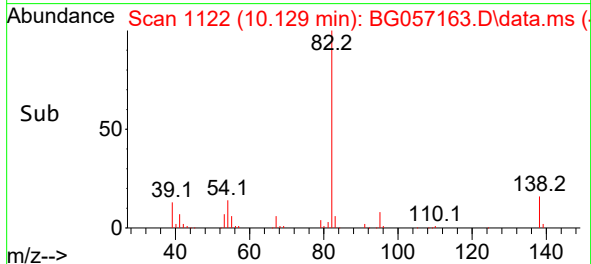
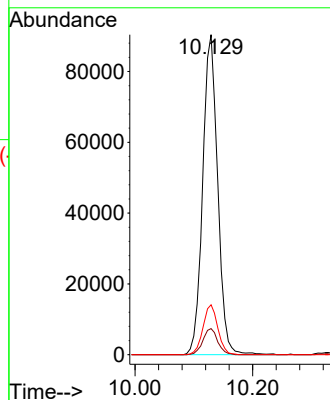
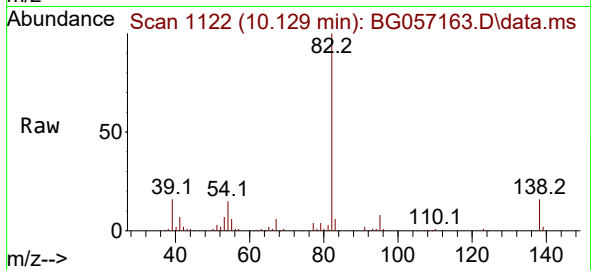
Tgt Ion: 82 Resp: 159550

Ion Ratio Lower Upper

82 100

95 8.2 6.2 9.2

138 15.6 13.4 20.0



#26

2-Nitrophenol

Concen: 49.552 ng

RT: 10.323 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BG057163.D

Acq: 24 Apr 2023 22:52

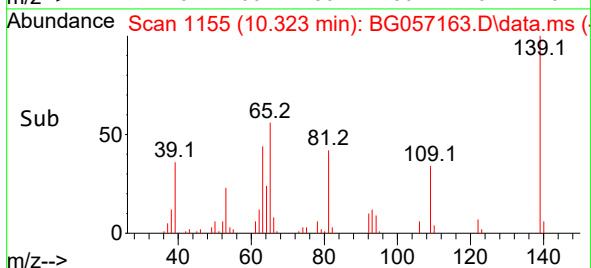
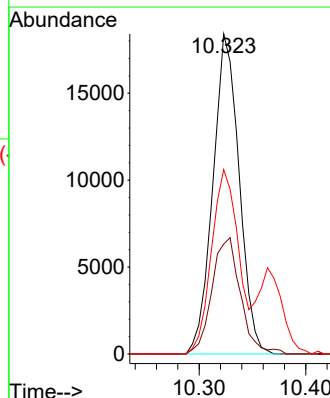
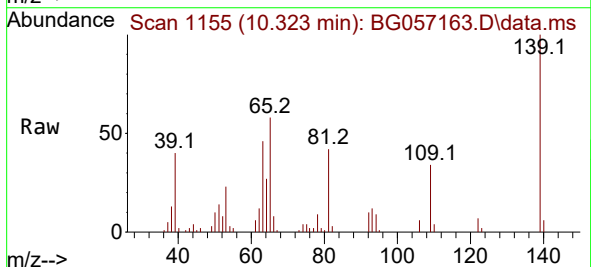
Tgt Ion:139 Resp: 31451

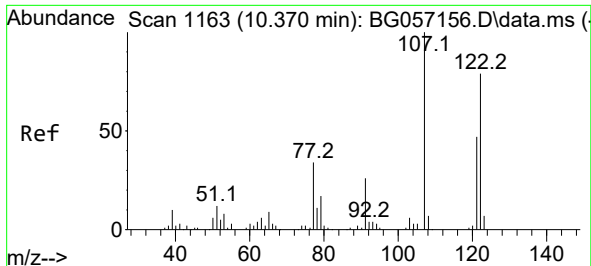
Ion Ratio Lower Upper

139 100

109 34.4 26.6 39.8

65 57.6 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 52.884 ng

RT: 10.364 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BG057163.D

Acq: 24 Apr 2023 22:52

Instrument :

BNA_G

ClientSampleId :

PB152347BS

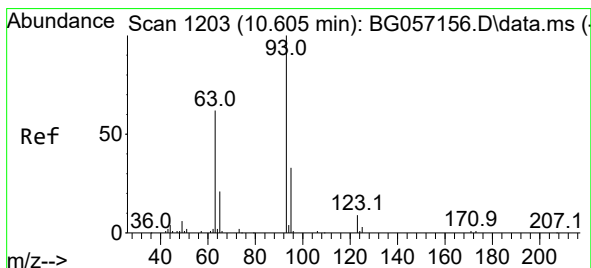
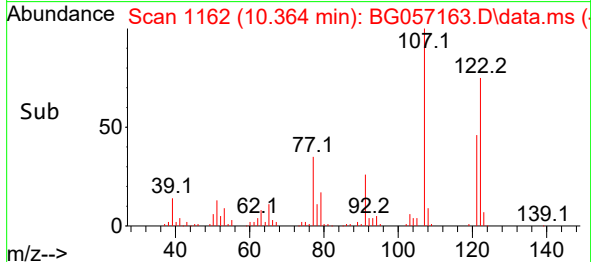
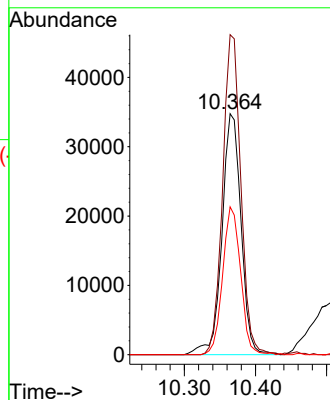
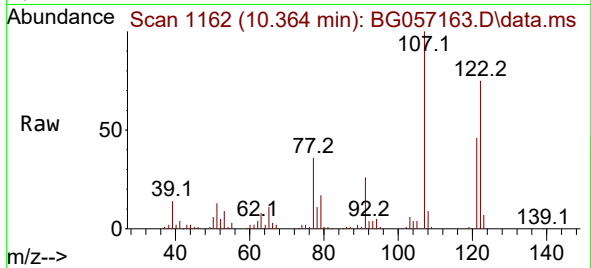
Tgt Ion:122 Resp: 64513

Ion Ratio Lower Upper

122 100

107 132.8 101.5 152.3

121 61.3 48.0 72.0



#28

bis(2-Chloroethoxy)methane

Concen: 50.923 ng

RT: 10.599 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BG057163.D

Acq: 24 Apr 2023 22:52

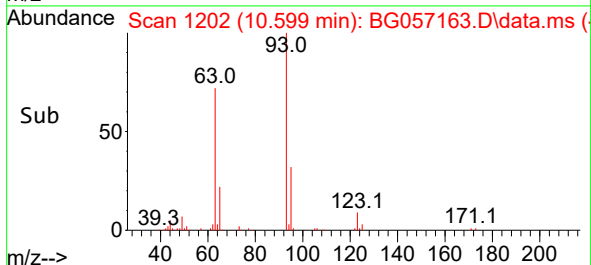
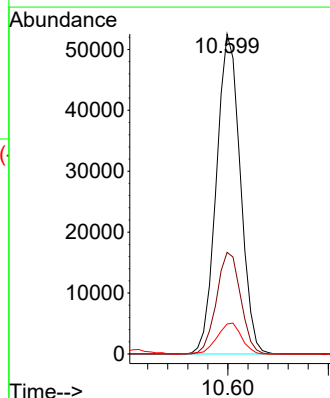
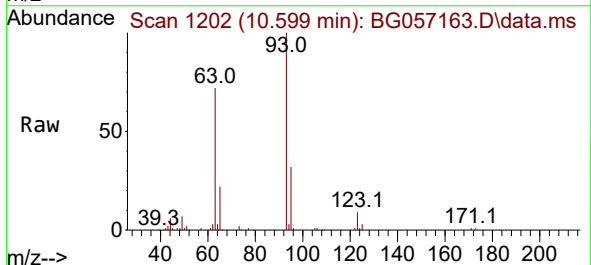
Tgt Ion: 93 Resp: 86640

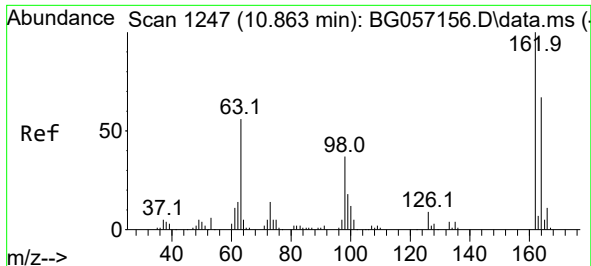
Ion Ratio Lower Upper

93 100

95 31.8 26.5 39.7

123 9.4 7.4 11.0





#29

2,4-Dichlorophenol

Concen: 49.997 ng

RT: 10.864 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG057163.D

Acq: 24 Apr 2023 22:52

Instrument :

BNA_G

ClientSampleId :

PB152347BS

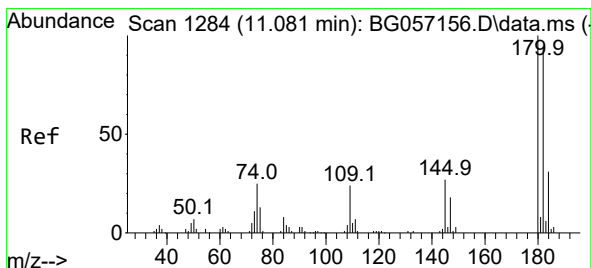
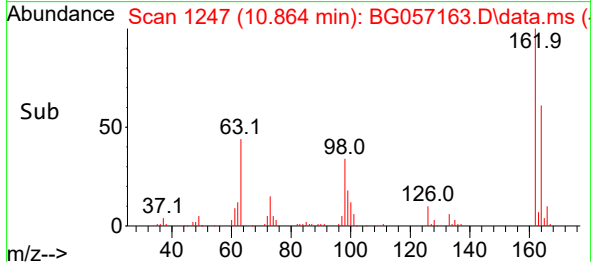
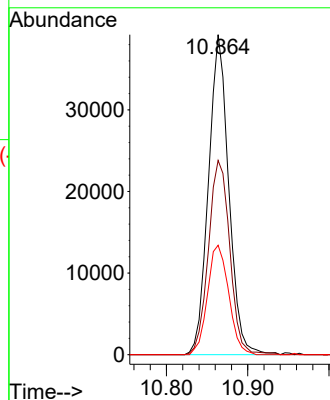
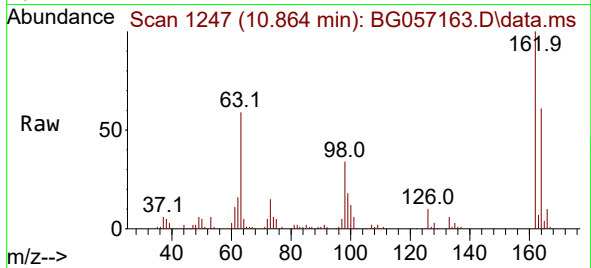
Tgt Ion:162 Resp: 67943

Ion Ratio Lower Upper

162 100

164 60.7 47.2 87.2

98 34.2 16.8 56.8



#30

1,2,4-Trichlorobenzene

Concen: 43.446 ng

RT: 11.081 min Scan# 1284

Delta R.T. 0.000 min

Lab File: BG057163.D

Acq: 24 Apr 2023 22:52

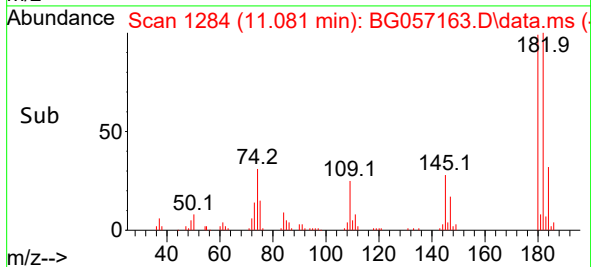
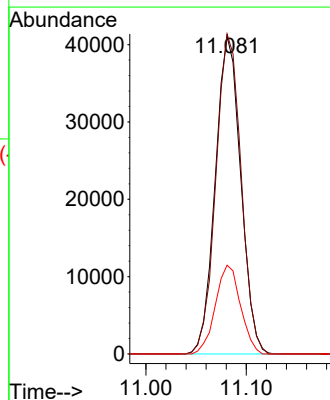
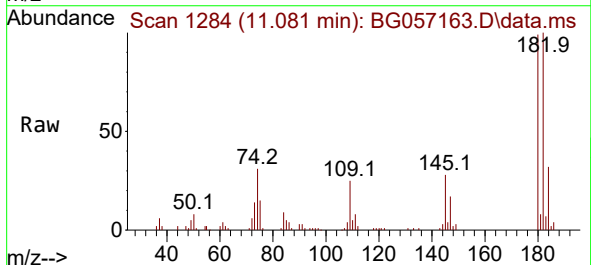
Tgt Ion:180 Resp: 72197

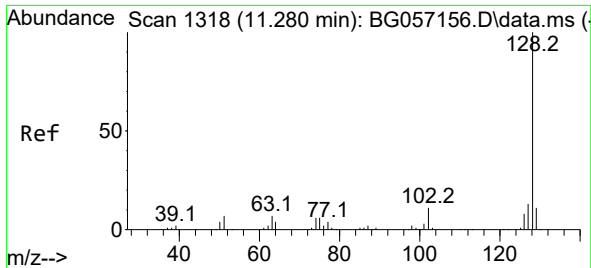
Ion Ratio Lower Upper

180 100

182 100.7 75.0 112.6

145 27.9 21.4 32.2

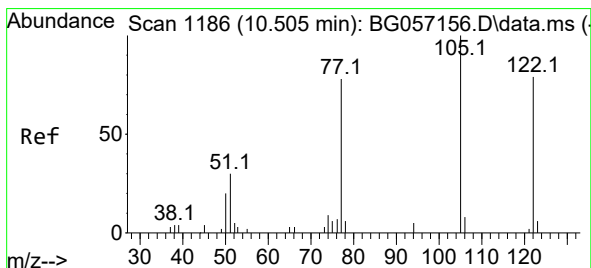
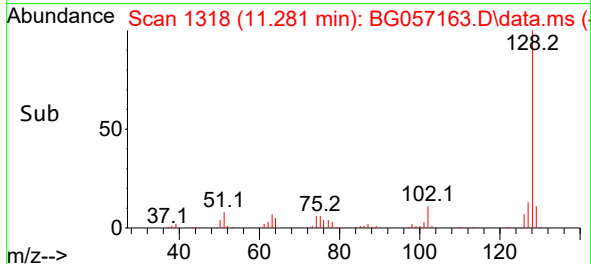
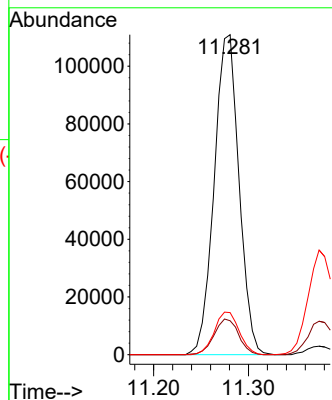
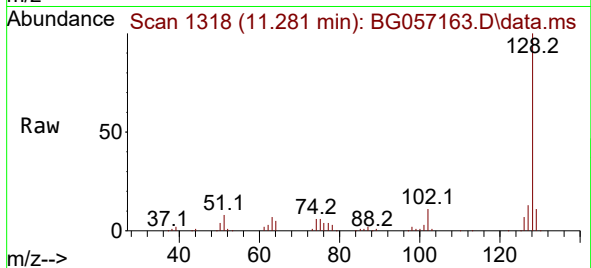




#31
Naphthalene
Concen: 45.353 ng
RT: 11.281 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

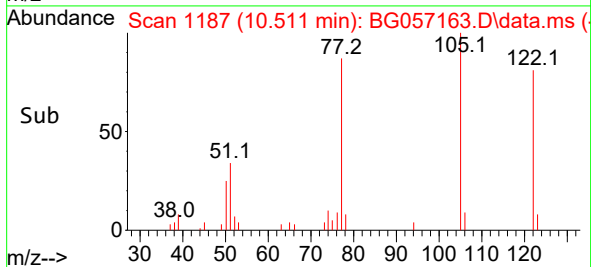
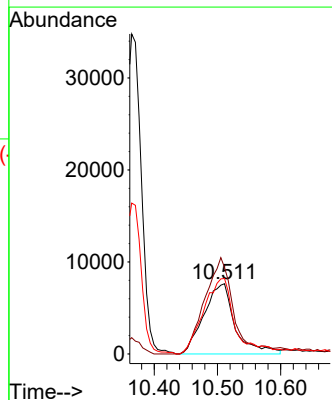
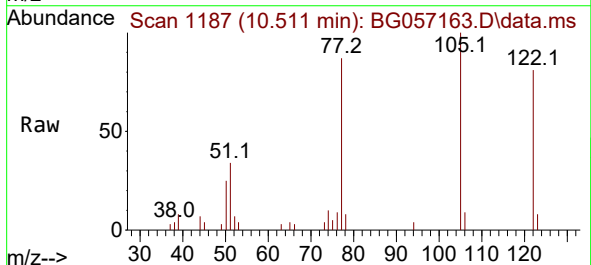
Instrument :
BNA_G
ClientSampleId :
PB152347BS

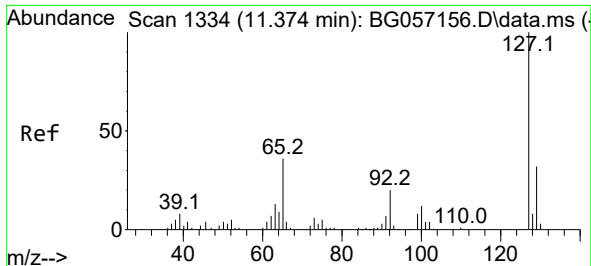
Tgt Ion:128 Resp: 201510
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 13.1 10.6 16.0



#32
Benzoic acid
Concen: 46.021 ng
RT: 10.511 min Scan# 1187
Delta R.T. 0.006 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Tgt Ion:122 Resp: 26171
Ion Ratio Lower Upper
122 100
105 123.2 104.3 144.3
77 107.5 79.5 119.5

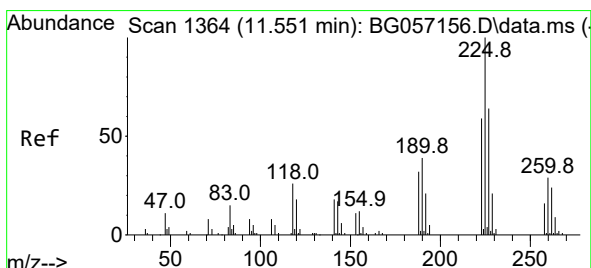
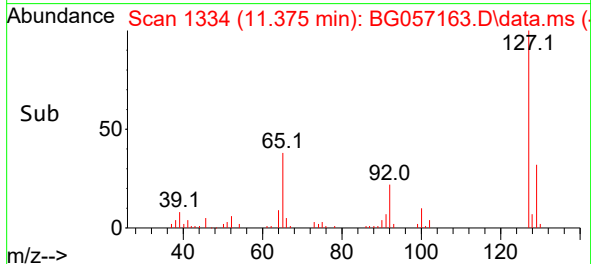
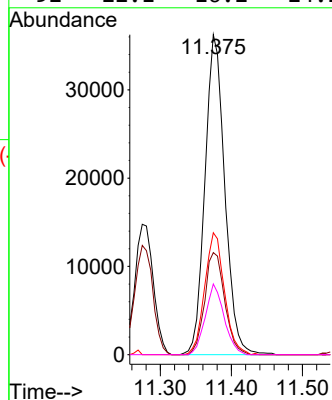
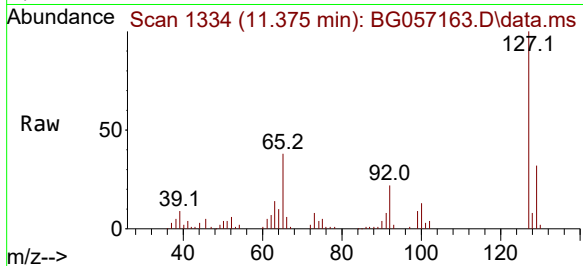




#33
4-Chloroaniline
Concen: 36.030 ng
RT: 11.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

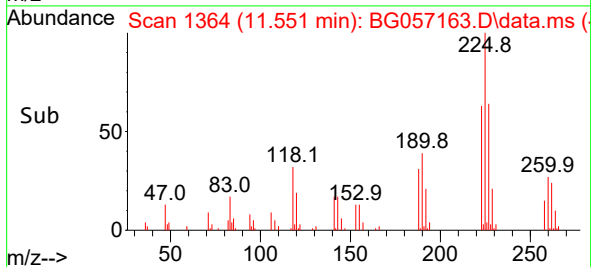
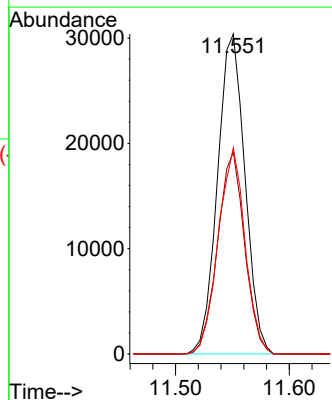
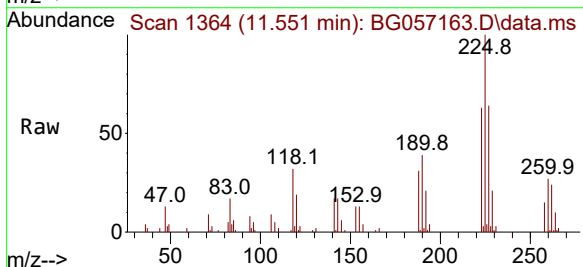
Instrument :
BNA_G
ClientSampleId :
PB152347BS

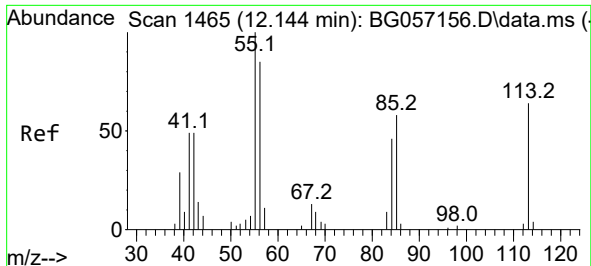
Tgt Ion:	127	Resp:	70385
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	38.1	28.6	42.8
92	22.1	16.2	24.2



#34
Hexachlorobutadiene
Concen: 41.606 ng
RT: 11.551 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Tgt Ion:	225	Resp:	50981
Ion	Ratio	Lower	Upper
225	100		
223	63.1	47.4	71.0
227	64.4	51.1	76.7

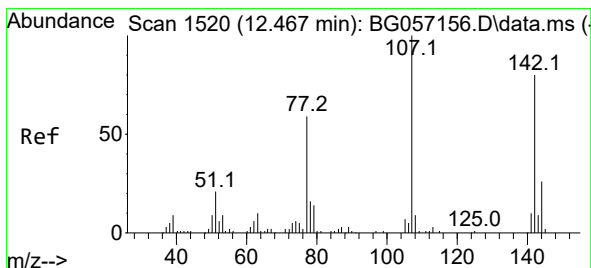
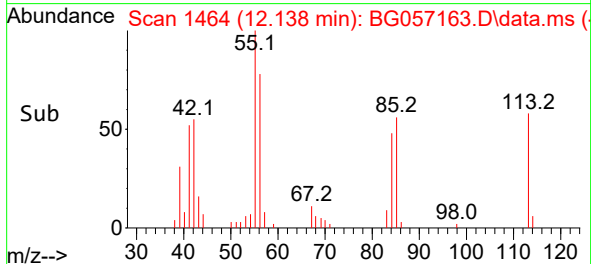
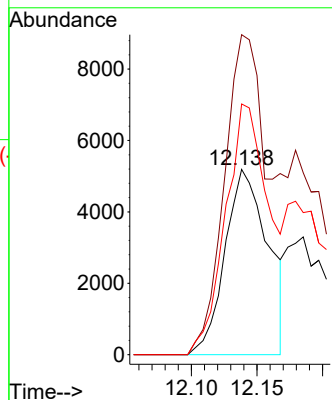
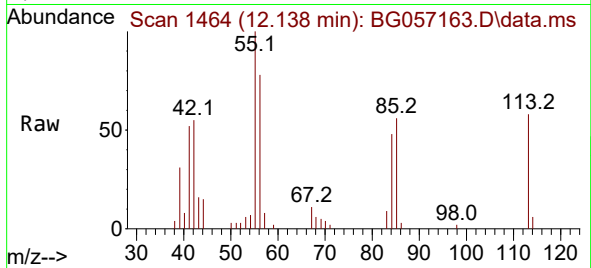




#35
Caprolactam
Concen: 31.401 ng
RT: 12.138 min Scan# 14
Delta R.T. -0.006 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

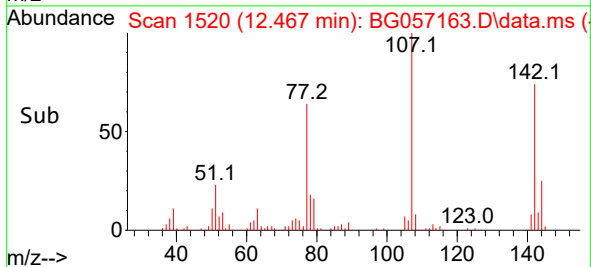
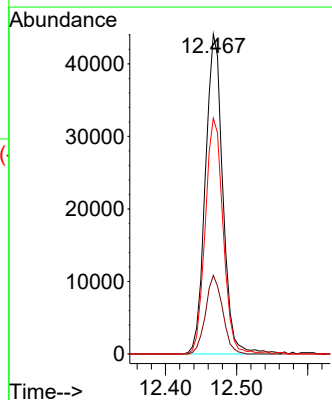
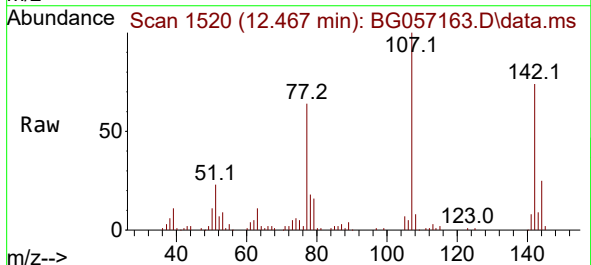
Instrument :
BNA_G
ClientSampleId :
PB152347BS

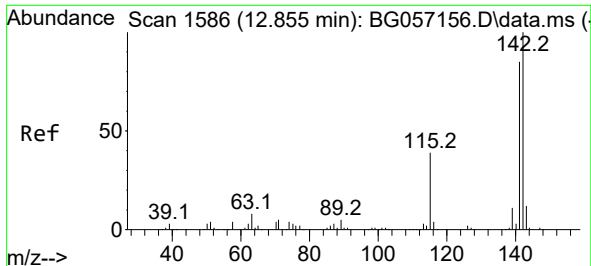
Tgt Ion:113 Resp: 11816
Ion Ratio Lower Upper
113 100
55 172.8 135.8 175.8
56 135.4 111.8 151.8



#36
4-Chloro-3-methylphenol
Concen: 51.396 ng
RT: 12.467 min Scan# 1520
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Tgt Ion:107 Resp: 75136
Ion Ratio Lower Upper
107 100
144 24.6 21.0 31.6
142 73.7 63.8 95.8

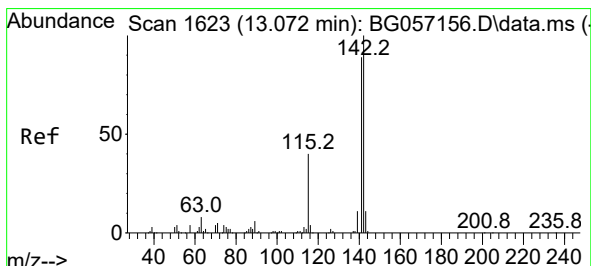
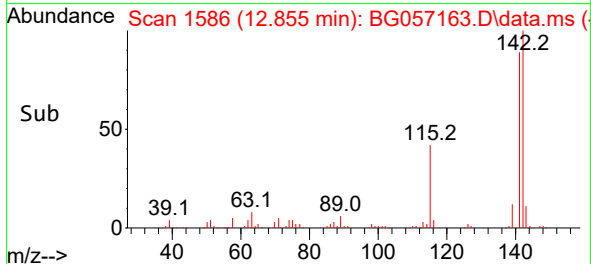
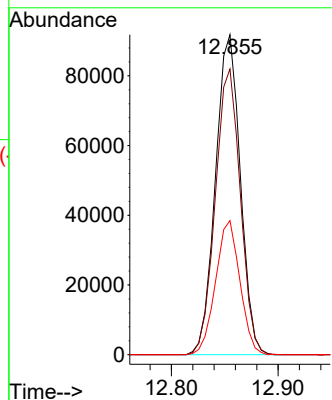
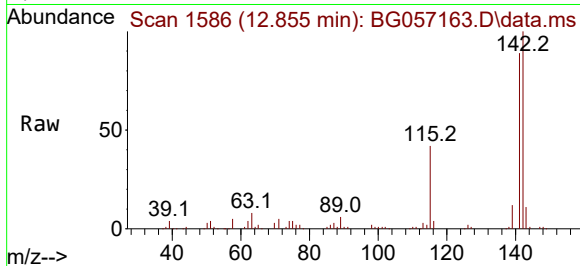




#37
2-Methylnaphthalene
Concen: 42.472 ng
RT: 12.855 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

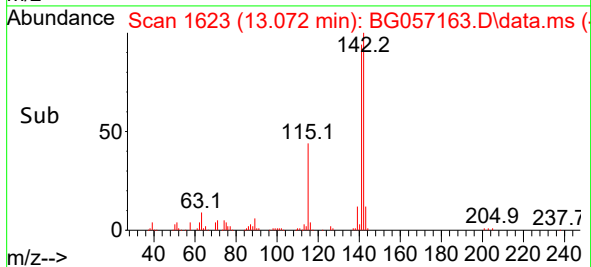
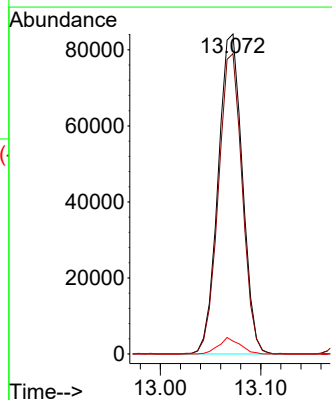
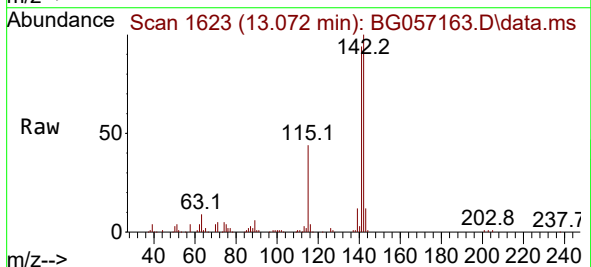
Instrument :
BNA_G
ClientSampleId :
PB152347BS

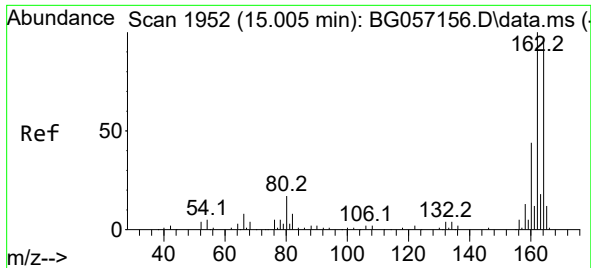
Tgt Ion:142 Resp: 148501
Ion Ratio Lower Upper
142 100
141 89.3 68.1 102.1
115 41.9 31.0 46.4



#38
1-Methylnaphthalene
Concen: 43.615 ng
RT: 13.072 min Scan# 1623
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Tgt Ion:142 Resp: 140792
Ion Ratio Lower Upper
142 100
141 93.9 71.6 107.4
116 4.0 3.3 4.9

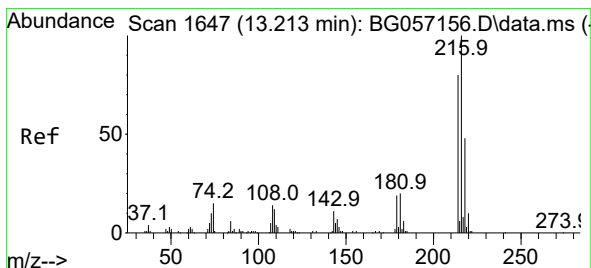
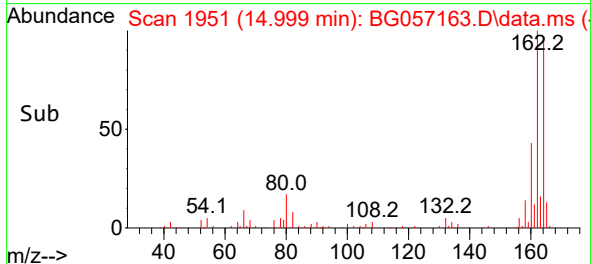
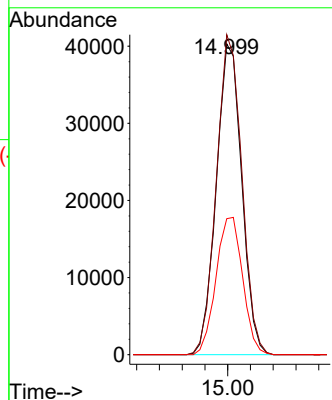
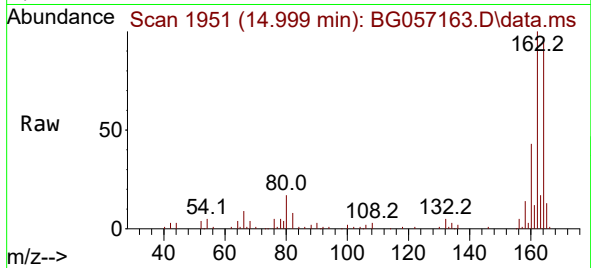




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.999 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

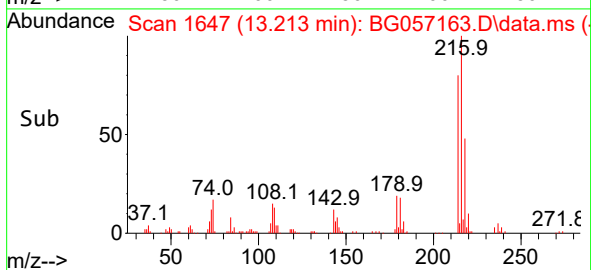
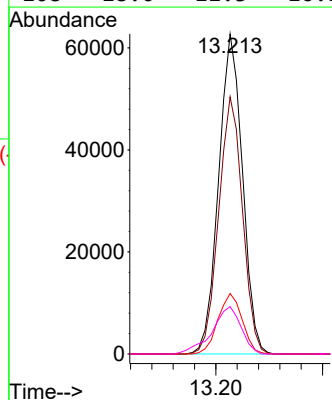
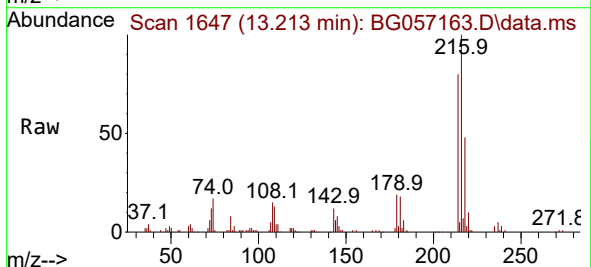
Instrument :
BNA_G
ClientSampleId :
PB152347BS

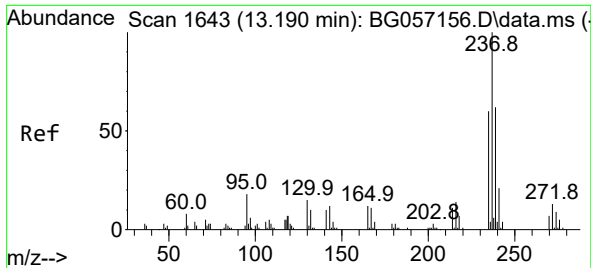
Tgt Ion:164 Resp: 62560
Ion Ratio Lower Upper
164 100
162 102.9 82.4 123.6
160 43.8 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.444 ng
RT: 13.213 min Scan# 1647
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

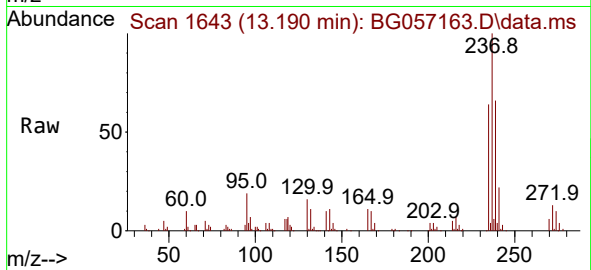
Tgt Ion:216 Resp: 97159
Ion Ratio Lower Upper
216 100
214 80.2 62.3 93.5
179 19.1 14.8 22.2
108 18.0 11.3 16.9#



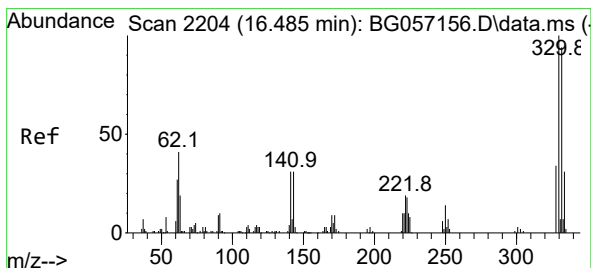
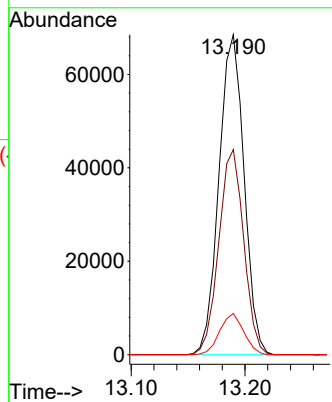
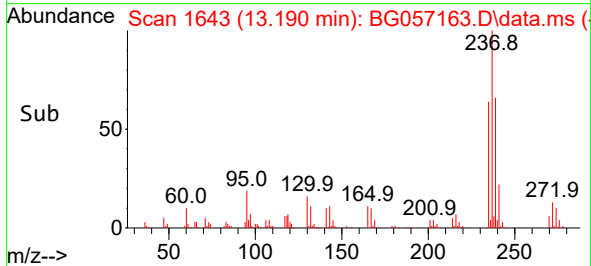


#41
Hexachlorocyclopentadiene
Concen: 105.646 ng
RT: 13.190 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

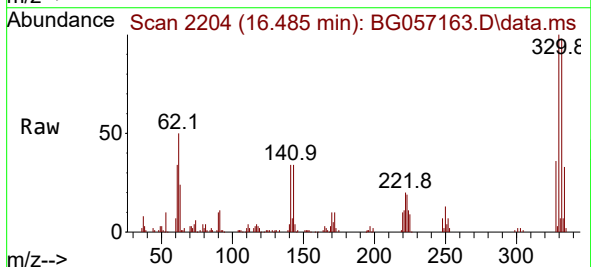
Instrument :
BNA_G
ClientSampleId :
PB152347BS



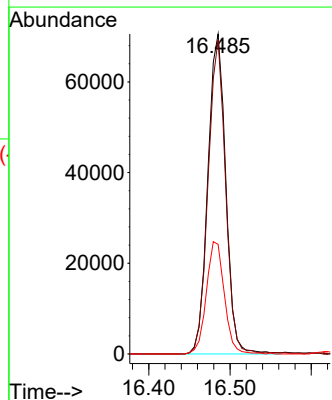
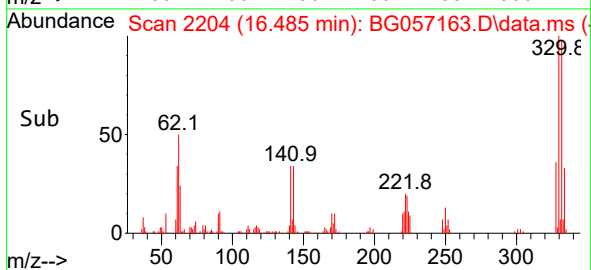
Tgt Ion:237 Resp: 105007
Ion Ratio Lower Upper
237 100
235 64.1 39.7 79.7
272 12.9 0.0 32.6

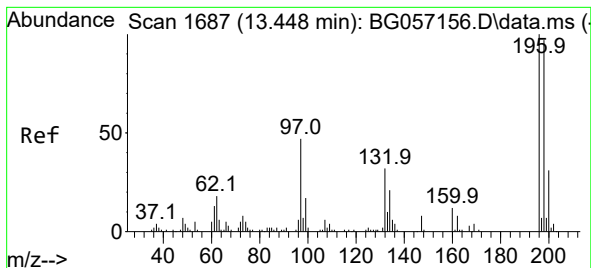


#42
2,4,6-Tribromophenol
Concen: 130.664 ng
RT: 16.485 min Scan# 2204
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52



Tgt Ion:330 Resp: 107853
Ion Ratio Lower Upper
330 100
332 95.3 77.6 116.4
141 35.3 26.0 39.0





#43

2,4,6-Trichlorophenol

Concen: 48.483 ng

RT: 13.442 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG057163.D

Acq: 24 Apr 2023 22:52

Instrument :

BNA_G

ClientSampleId :

PB152347BS

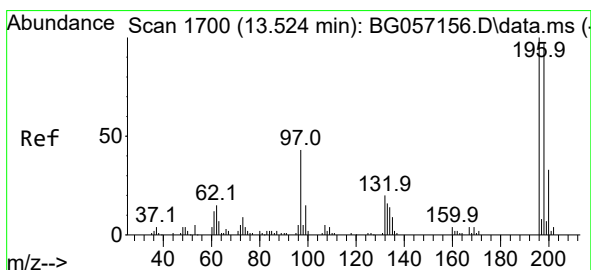
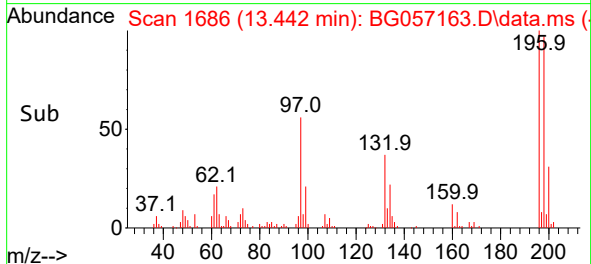
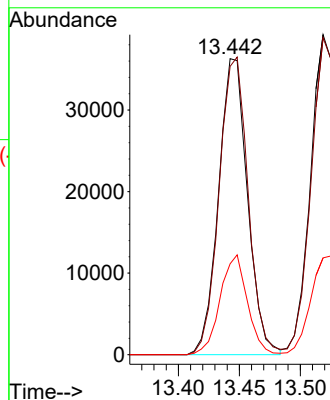
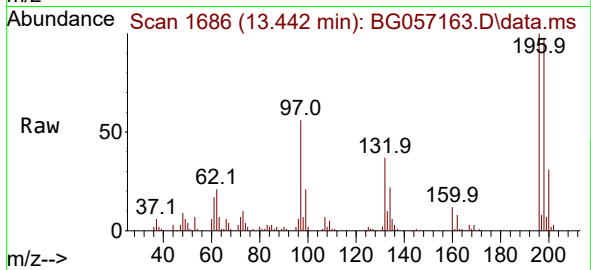
Tgt Ion:196 Resp: 60085

Ion Ratio Lower Upper

196 100

198 97.4 77.5 116.3

200 30.7 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 44.009 ng

RT: 13.519 min Scan# 1699

Delta R.T. -0.006 min

Lab File: BG057163.D

Acq: 24 Apr 2023 22:52

Tgt Ion:196 Resp: 65844

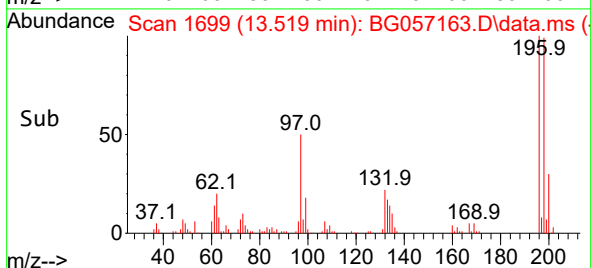
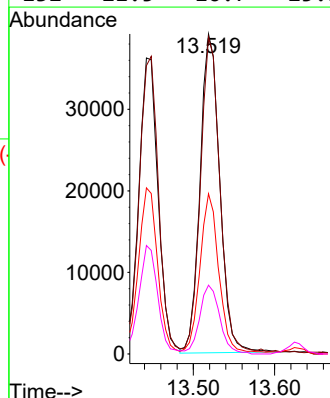
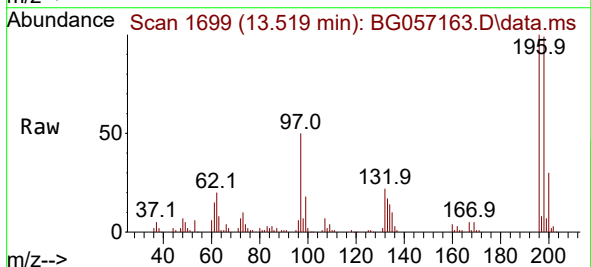
Ion Ratio Lower Upper

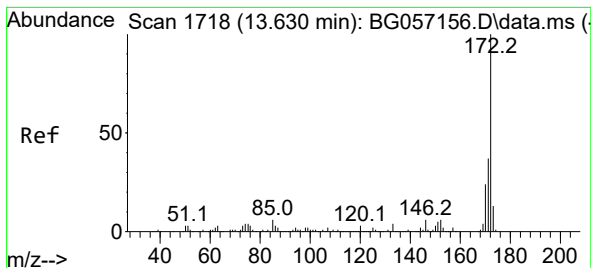
196 100

198 99.1 78.4 117.6

97 50.1 34.6 51.8

132 21.5 16.7 25.1





#45

2-Fluorobiphenyl

Concen: 86.713 ng

RT: 13.624 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG057163.D

Acq: 24 Apr 2023 22:52

Instrument :

BNA_G

ClientSampleId :

PB152347BS

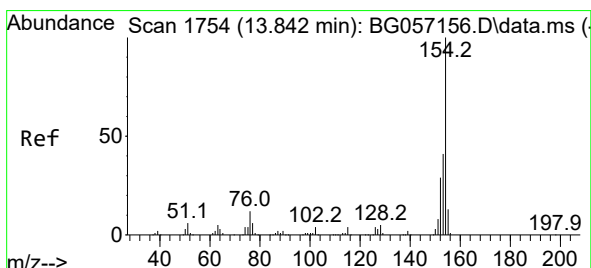
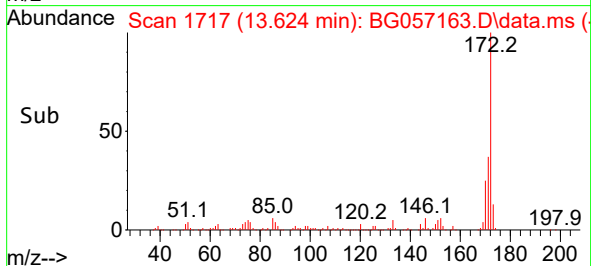
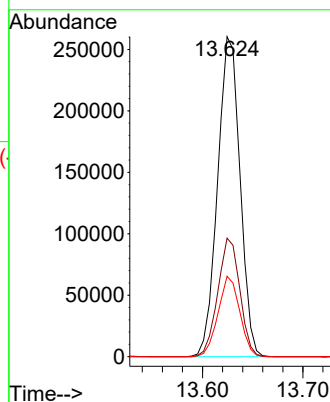
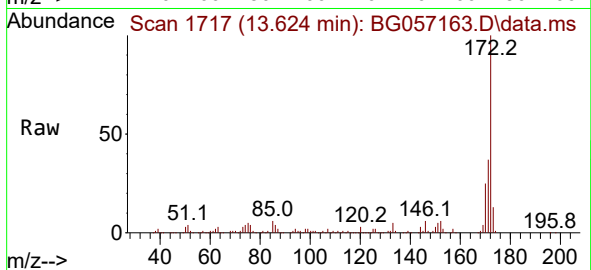
Tgt Ion:172 Resp: 403652

Ion Ratio Lower Upper

172 100

171 37.0 29.2 43.8

170 25.1 19.4 29.2



#46

1,1'-Biphenyl

Concen: 45.445 ng

RT: 13.836 min Scan# 1753

Delta R.T. -0.006 min

Lab File: BG057163.D

Acq: 24 Apr 2023 22:52

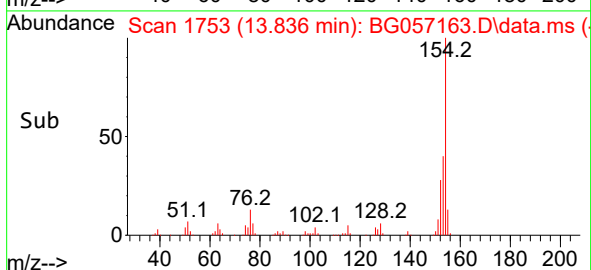
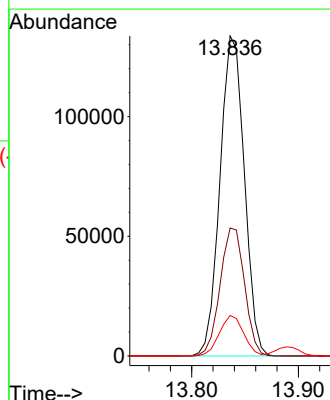
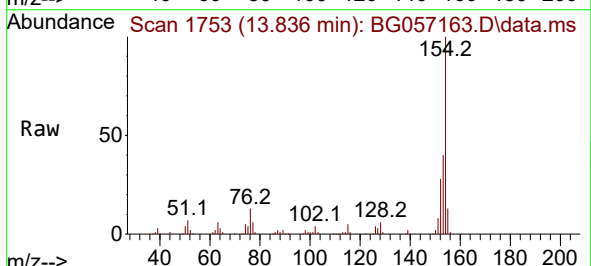
Tgt Ion:154 Resp: 211915

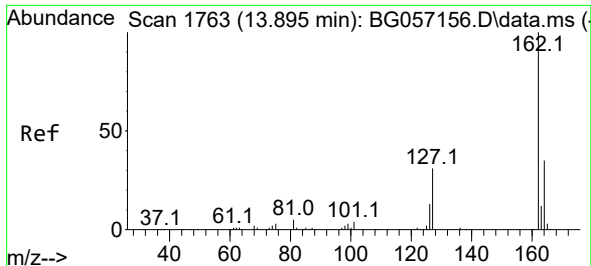
Ion Ratio Lower Upper

154 100

153 40.0 20.9 60.9

76 12.7 0.0 32.3

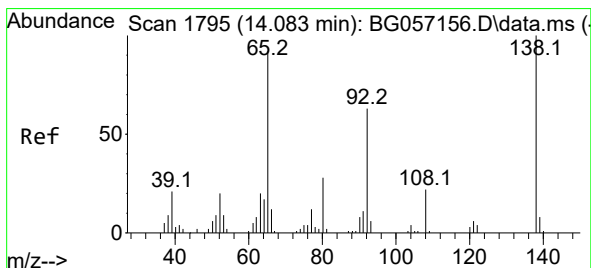
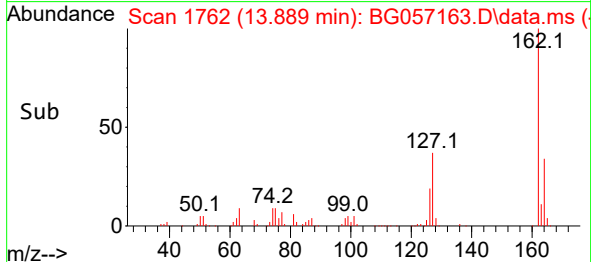
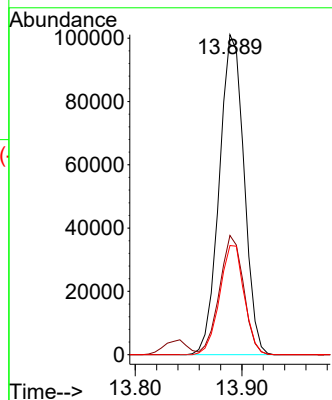
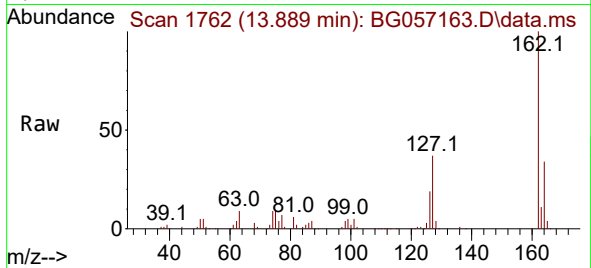




#47
2-Chloronaphthalene
Concen: 46.179 ng
RT: 13.889 min Scan# 1762
Delta R.T. -0.006 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

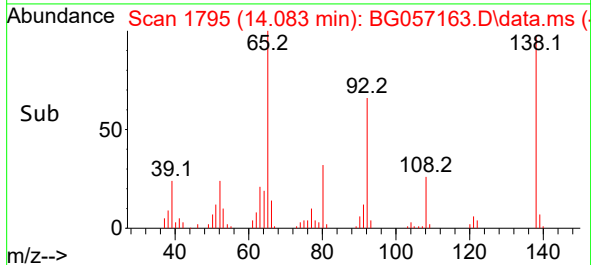
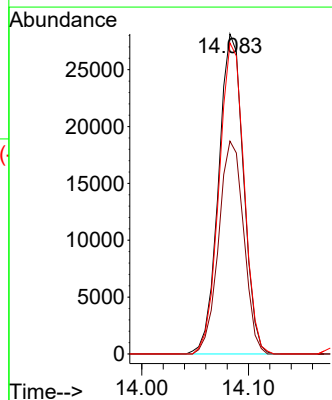
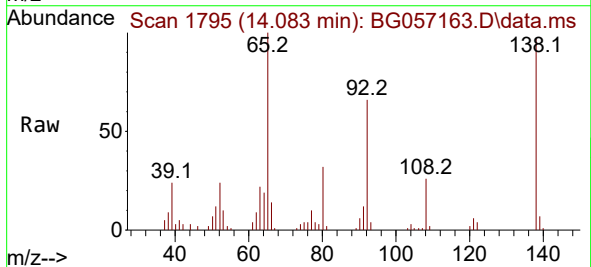
Instrument :
BNA_G
ClientSampleId :
PB152347BS

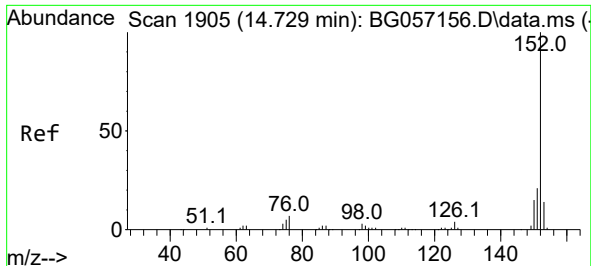
Tgt Ion:162 Resp: 162525
Ion Ratio Lower Upper
162 100
127 37.2 28.7 43.1
164 34.1 27.8 41.6



#48
2-Nitroaniline
Concen: 51.493 ng
RT: 14.083 min Scan# 1795
Delta R.T. -0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Tgt Ion: 65 Resp: 45613
Ion Ratio Lower Upper
65 100
92 66.5 54.9 82.3
138 97.2 86.6 129.8

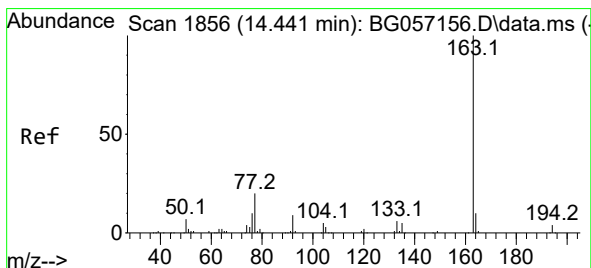
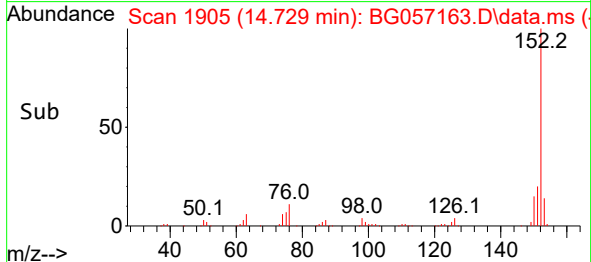
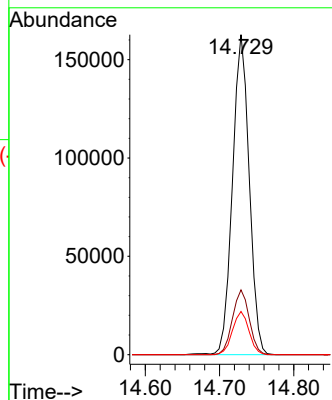
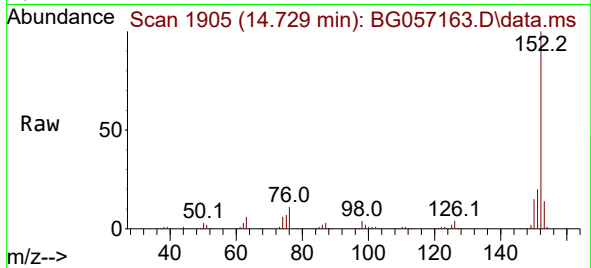




#49
Acenaphthylene
Concen: 45.556 ng
RT: 14.729 min Scan# 1905
Delta R.T. -0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

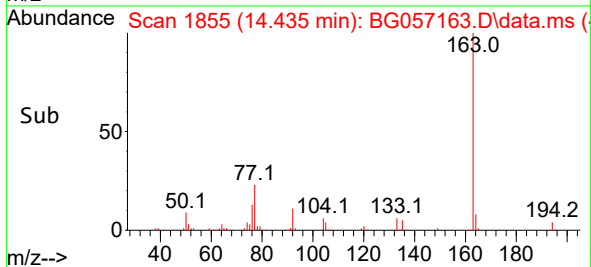
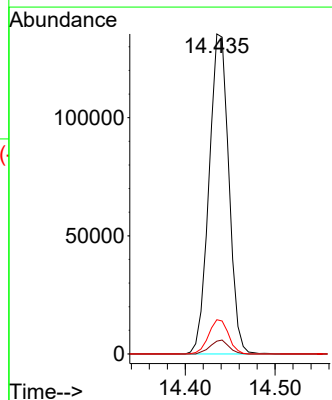
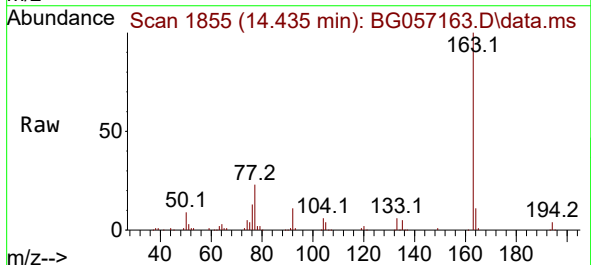
Instrument :
BNA_G
ClientSampleId :
PB152347BS

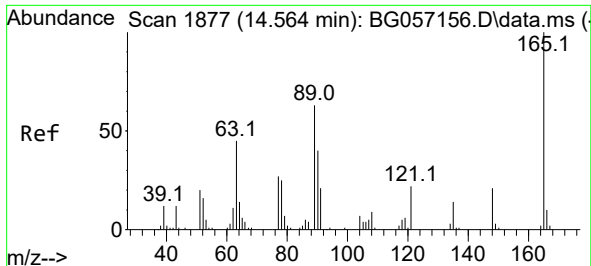
Tgt Ion:152 Resp: 254520
Ion Ratio Lower Upper
152 100
151 20.3 16.9 25.3
153 13.5 11.0 16.6



#50
Dimethylphthalate
Concen: 47.160 ng
RT: 14.435 min Scan# 1855
Delta R.T. -0.006 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Tgt Ion:163 Resp: 207060
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.7 8.2 12.4

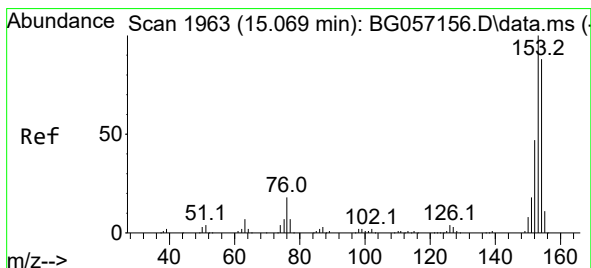
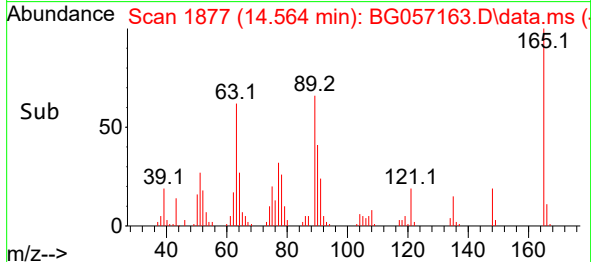
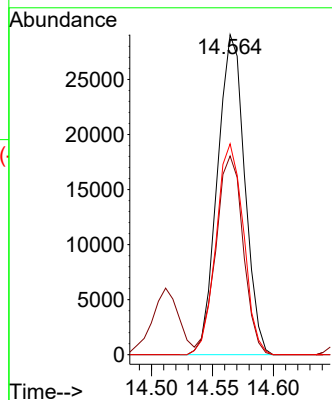
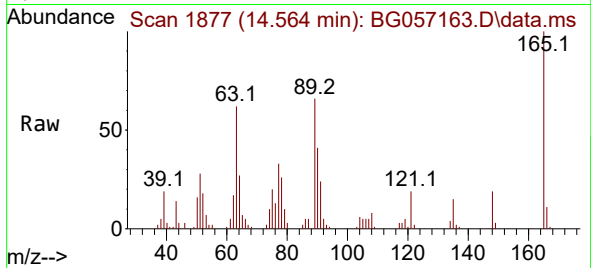




#51
2,6-Dinitrotoluene
Concen: 49.448 ng
RT: 14.564 min Scan# 1877
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

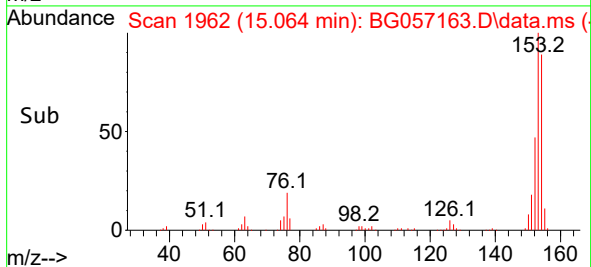
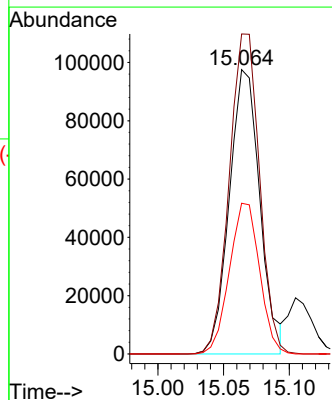
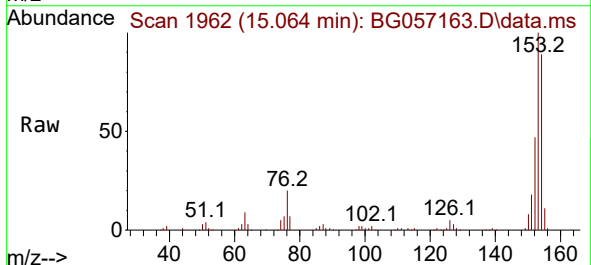
Instrument :
BNA_G
ClientSampleId :
PB152347BS

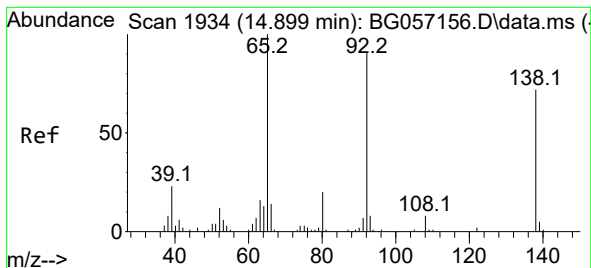
Tgt Ion:165 Resp: 45318
Ion Ratio Lower Upper
165 100
63 62.1 45.5 68.3
89 65.9 50.1 75.1



#52
Acenaphthene
Concen: 43.283 ng
RT: 15.064 min Scan# 1962
Delta R.T. -0.005 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Tgt Ion:154 Resp: 157995
Ion Ratio Lower Upper
154 100
153 112.6 91.0 136.4
152 53.0 43.0 64.6

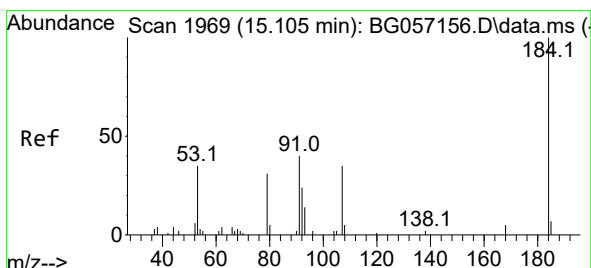
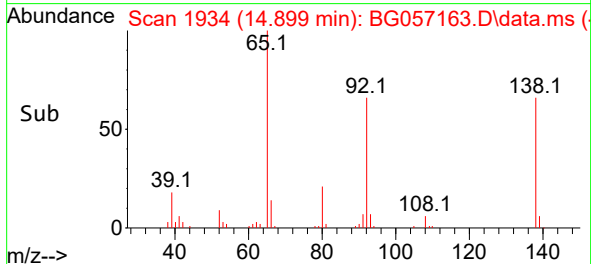
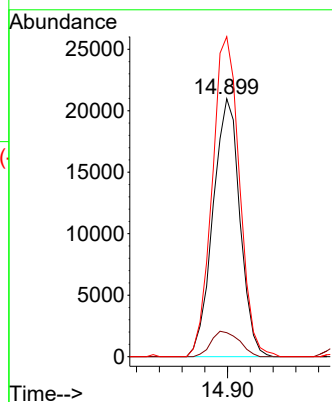
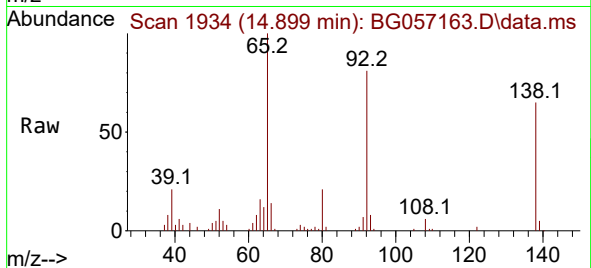




#53
3-Nitroaniline
Concen: 37.962 ng
RT: 14.899 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

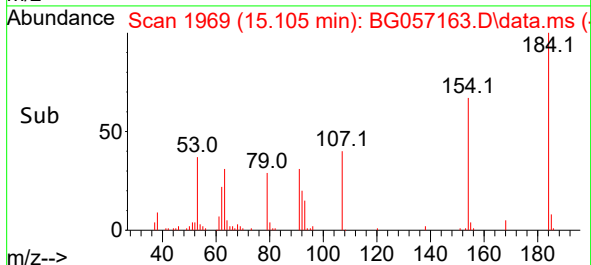
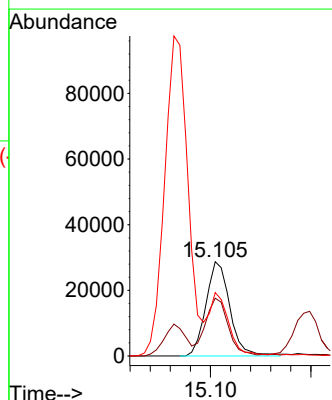
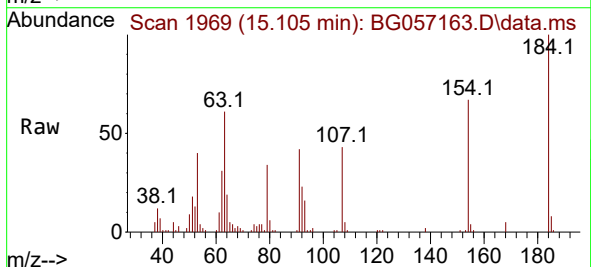
Instrument :
BNA_G
ClientSampleId :
PB152347BS

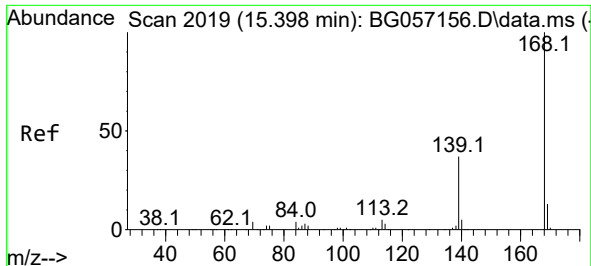
Tgt Ion:138 Resp: 34548
Ion Ratio Lower Upper
138 100
108 9.3 8.8 13.2
92 124.1 101.4 152.2



#54
2,4-Dinitrophenol
Concen: 90.789 ng
RT: 15.105 min Scan# 1969
Delta R.T. -0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Tgt Ion:184 Resp: 47655
Ion Ratio Lower Upper
184 100
63 61.4 43.4 65.0
154 67.2 45.2 67.8

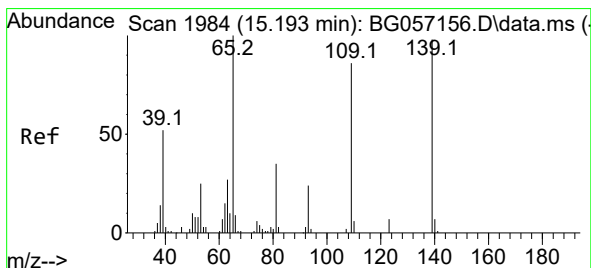
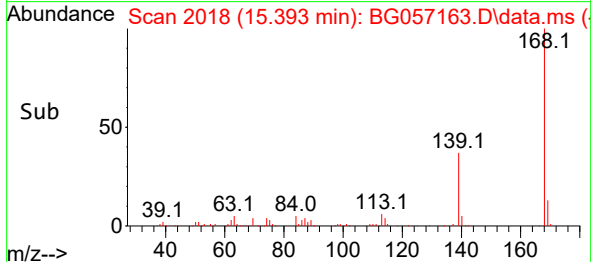
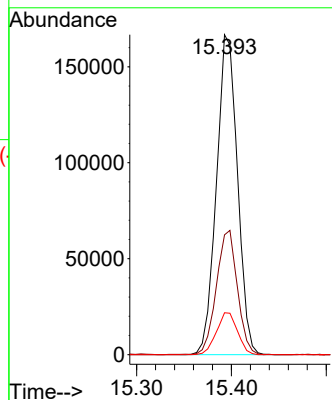
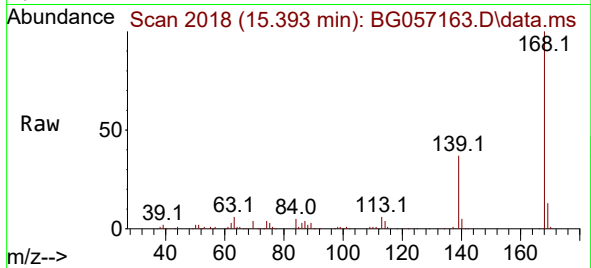




#55
Dibenzofuran
Concen: 43.464 ng
RT: 15.393 min Scan# 2019
Delta R.T. -0.005 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

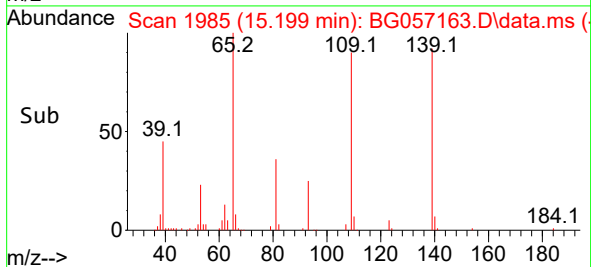
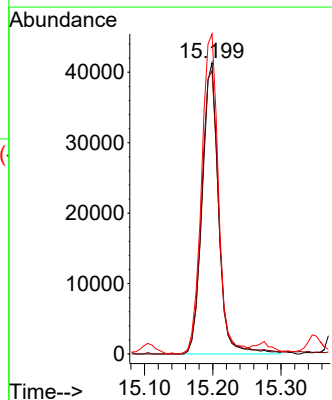
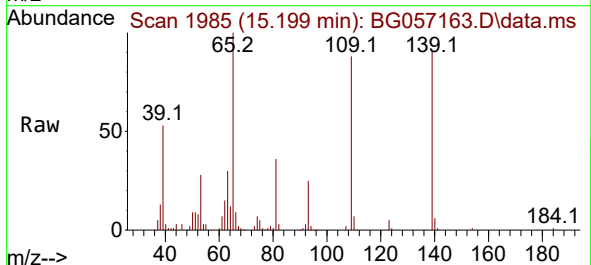
Instrument :
BNA_G
ClientSampleId :
PB152347BS

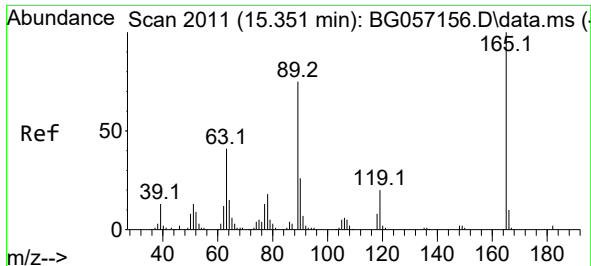
Tgt Ion:168 Resp: 257069
Ion Ratio Lower Upper
168 100
139 37.4 29.2 43.8
169 13.1 10.6 15.8



#56
4-Nitrophenol
Concen: 107.634 ng
RT: 15.199 min Scan# 1985
Delta R.T. 0.006 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Tgt Ion:139 Resp: 68947
Ion Ratio Lower Upper
139 100
109 97.3 67.3 107.3
65 109.9 82.0 122.0





#57

2,4-Dinitrotoluene

Concen: 50.680 ng

RT: 15.352 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BG057163.D

Acq: 24 Apr 2023 22:52

Instrument :

BNA_G

ClientSampleId :

PB152347BS

Tgt Ion:165 Resp: 63253

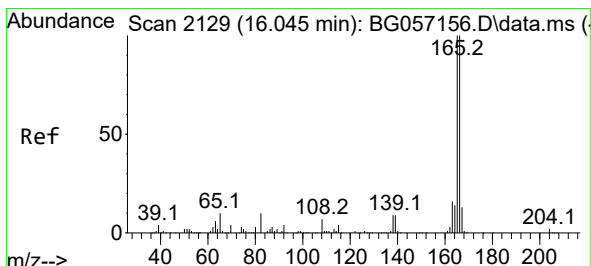
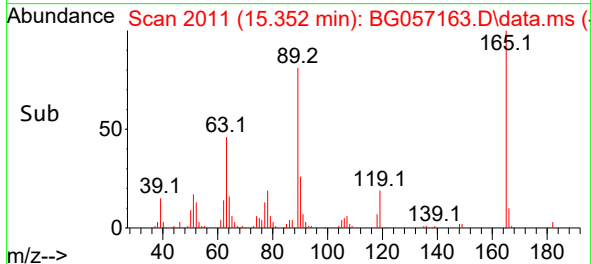
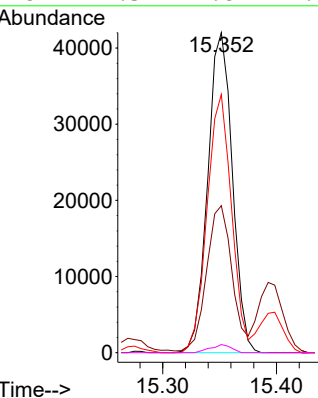
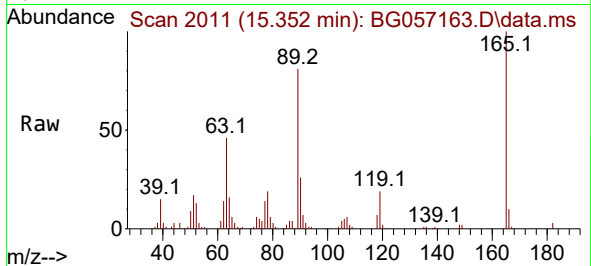
Ion Ratio Lower Upper

165 100

63 46.0 33.0 49.4

89 80.7 60.0 90.0

182 2.5 1.8 2.6



#58

Fluorene

Concen: 44.640 ng

RT: 16.045 min Scan# 2129

Delta R.T. 0.000 min

Lab File: BG057163.D

Acq: 24 Apr 2023 22:52

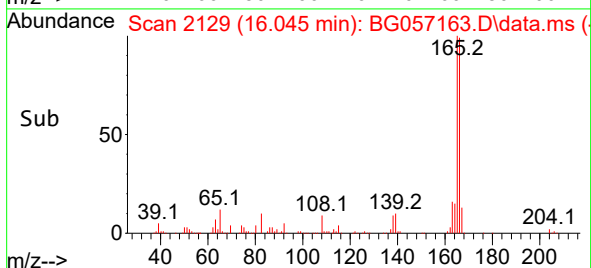
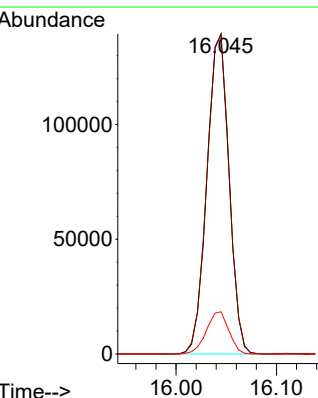
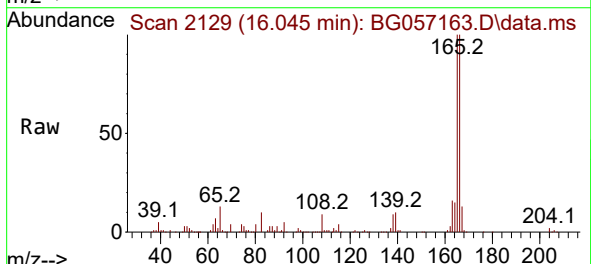
Tgt Ion:166 Resp: 212568

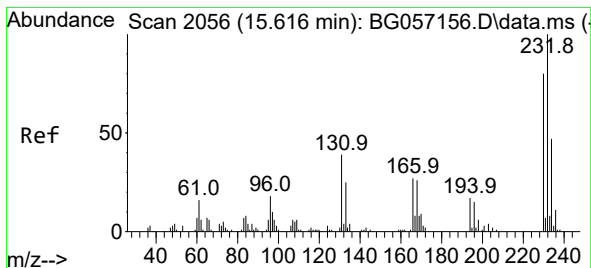
Ion Ratio Lower Upper

166 100

165 99.9 79.8 119.6

167 13.2 10.7 16.1



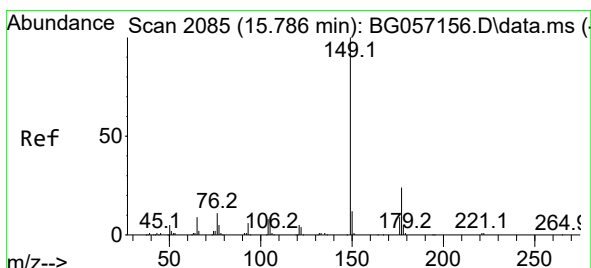
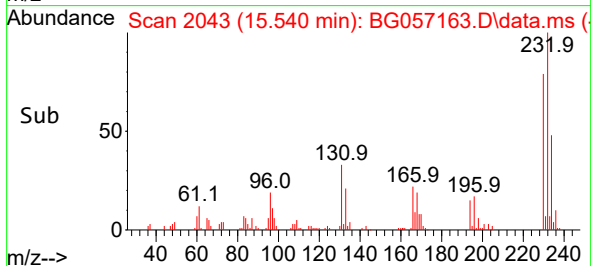
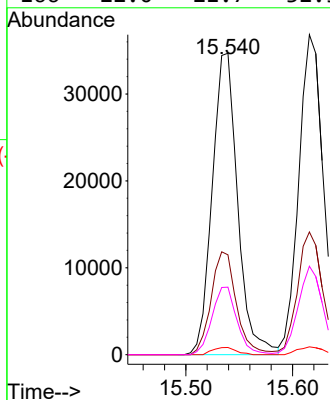
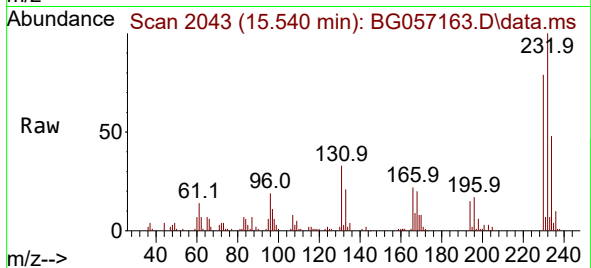


#59
2,3,4,6-Tetrachlorophenol
Concen: 44.868 ng
RT: 15.540 min Scan# 2043
Delta R.T. -0.076 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Instrument :
BNA_G
ClientSampleId :
PB152347BS

Tgt Ion:232 Resp: 57501

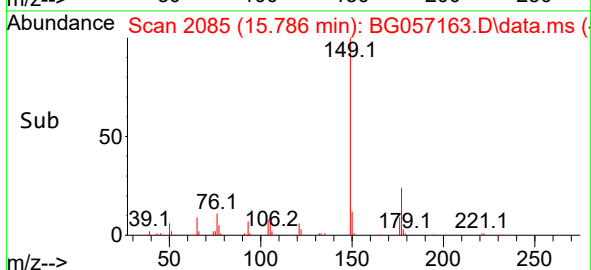
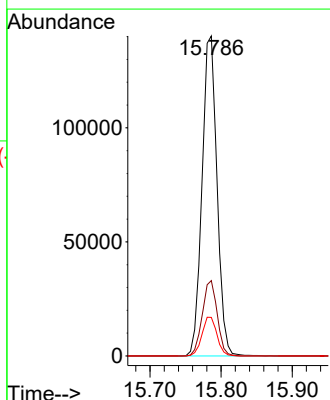
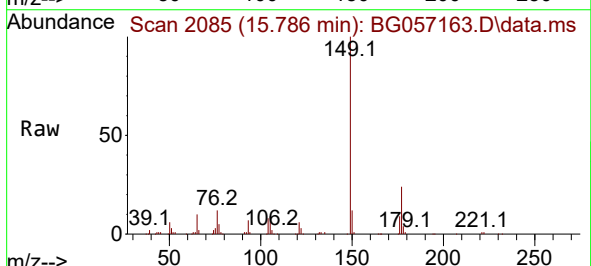
Ion	Ratio	Lower	Upper
232	100		
131	33.9	30.8	46.2
130	2.2	1.6	2.4
166	22.0	21.7	32.5

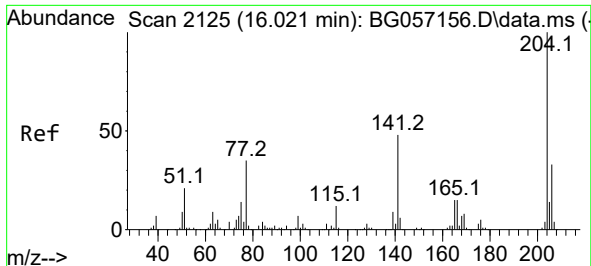


#60
Diethylphthalate
Concen: 48.618 ng
RT: 15.786 min Scan# 2085
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Tgt Ion:149 Resp: 205765

Ion	Ratio	Lower	Upper
149	100		
177	23.6	19.0	28.4
150	12.1	9.8	14.8

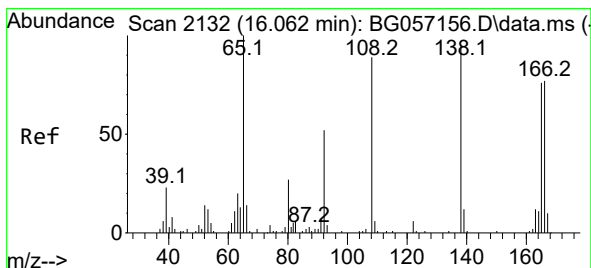
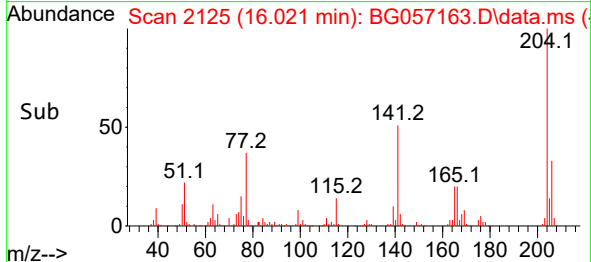
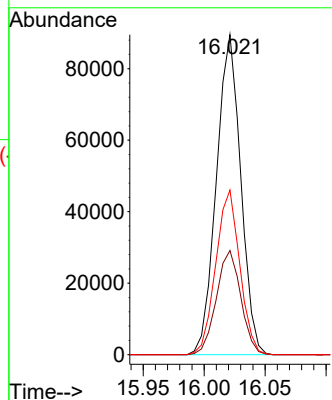
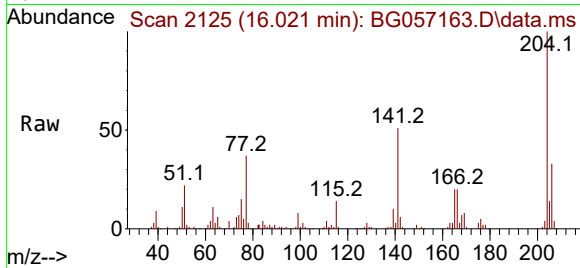




#61
4-Chlorophenyl-phenylether
Concen: 43.517 ng
RT: 16.021 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

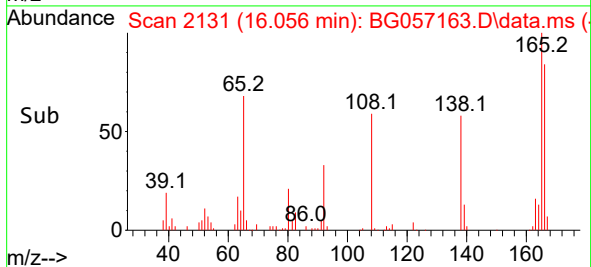
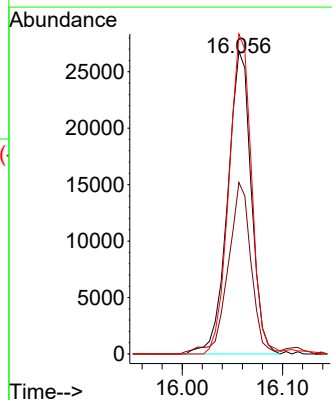
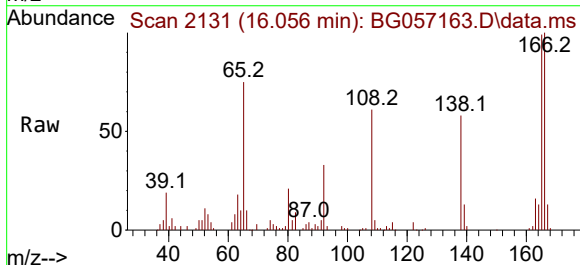
Instrument :
BNA_G
ClientSampleId :
PB152347BS

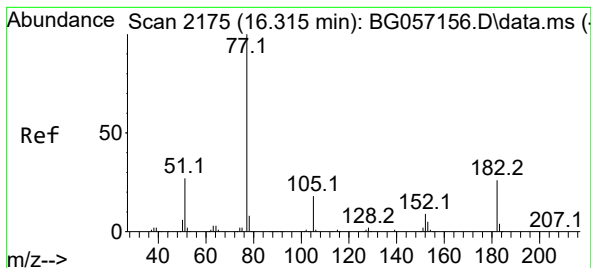
Tgt Ion:204 Resp: 124373
Ion Ratio Lower Upper
204 100
206 32.5 26.3 39.5
141 51.5 38.6 57.8



#62
4-Nitroaniline
Concen: 47.868 ng
RT: 16.056 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Tgt Ion:138 Resp: 43865
Ion Ratio Lower Upper
138 100
92 56.6 34.9 74.9
108 105.7 73.0 113.0





#63

Azobenzene

Concen: 50.537 ng

RT: 16.315 min Scan# 2175

Delta R.T. 0.000 min

Lab File: BG057163.D

Acq: 24 Apr 2023 22:52

Instrument :

BNA_G

ClientSampleId :

PB152347BS

Tgt Ion: 77 Resp: 227527

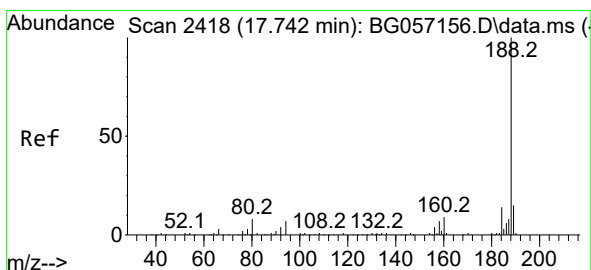
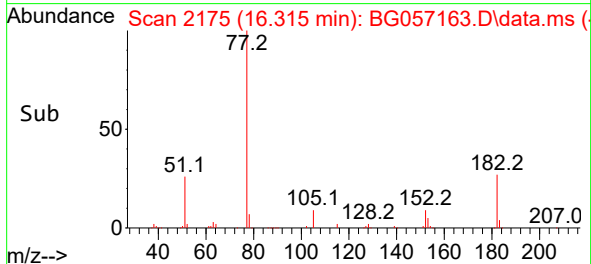
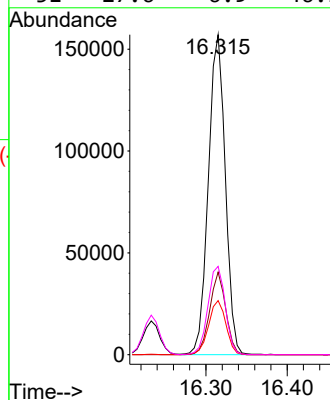
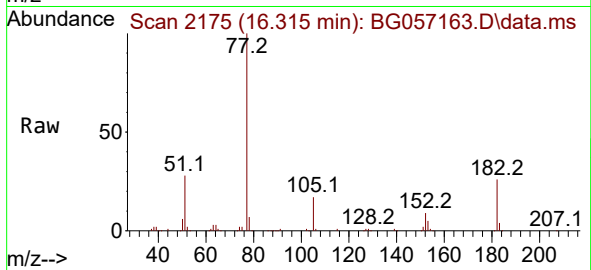
Ion Ratio Lower Upper

77 100

182 25.8 6.1 46.1

105 16.9 0.0 38.4

51 27.6 6.9 46.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.742 min Scan# 2418

Delta R.T. 0.000 min

Lab File: BG057163.D

Acq: 24 Apr 2023 22:52

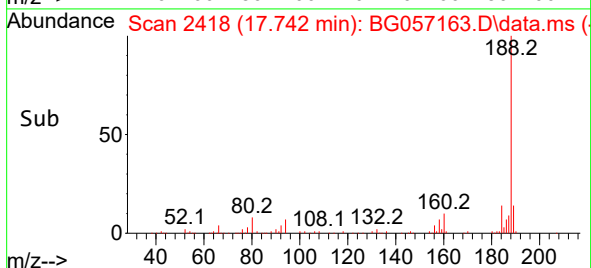
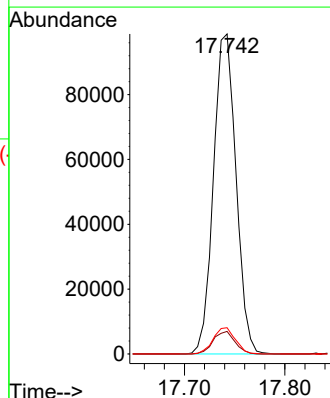
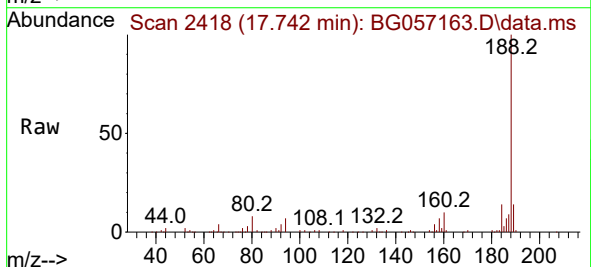
Tgt Ion:188 Resp: 153980

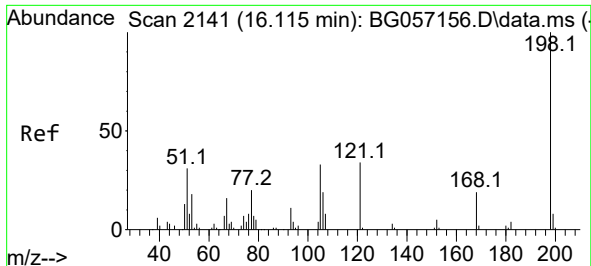
Ion Ratio Lower Upper

188 100

94 7.0 5.4 8.0

80 8.2 6.2 9.2

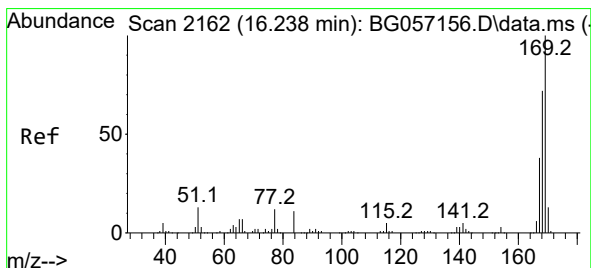
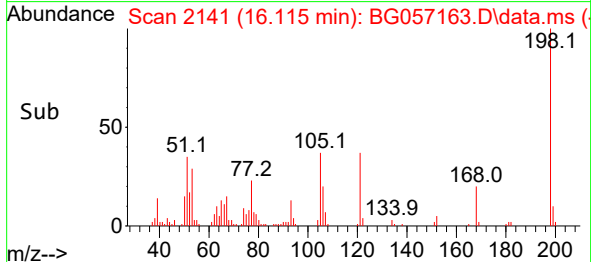
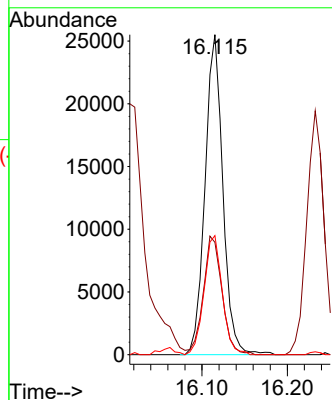
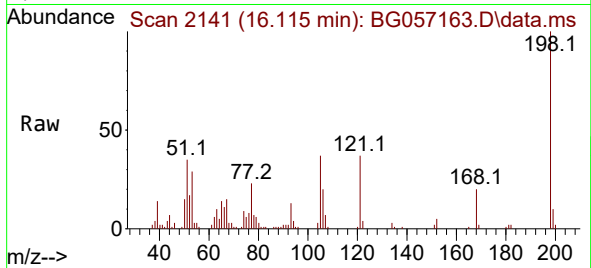




#65
4,6-Dinitro-2-methylphenol
Concen: 46.604 ng
RT: 16.115 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

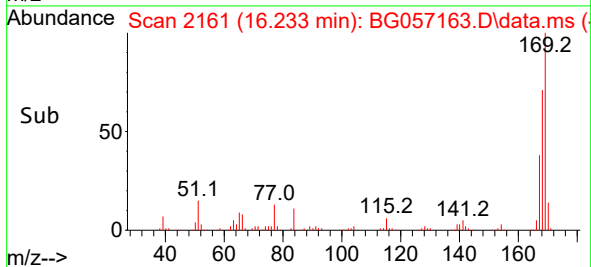
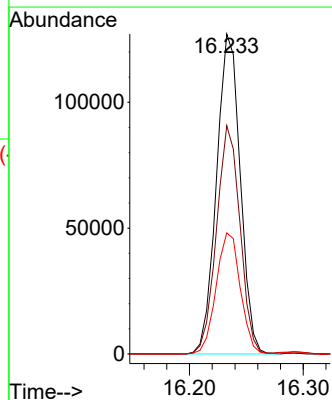
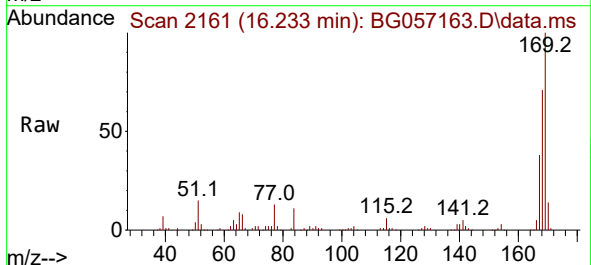
Instrument :
BNA_G
ClientSampleId :
PB152347BS

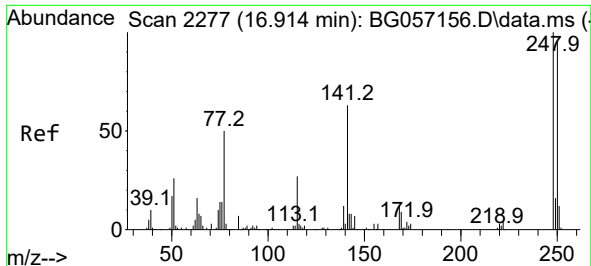
Tgt Ion:198 Resp: 37119
Ion Ratio Lower Upper
198 100
51 35.1 13.1 53.1
105 37.2 14.1 54.1



#66
n-Nitrosodiphenylamine
Concen: 45.873 ng
RT: 16.233 min Scan# 2161
Delta R.T. -0.006 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Tgt Ion:169 Resp: 184307
Ion Ratio Lower Upper
169 100
168 71.3 57.8 86.6
167 37.8 30.5 45.7

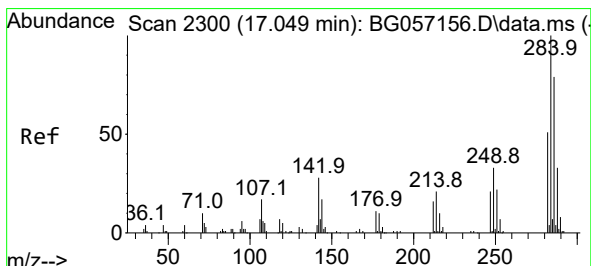
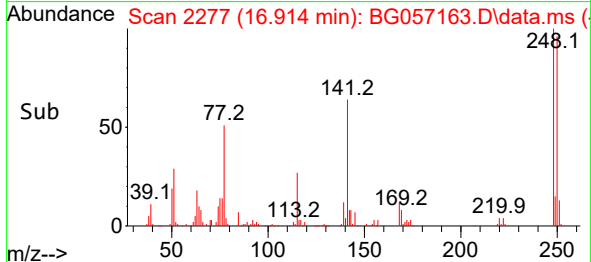
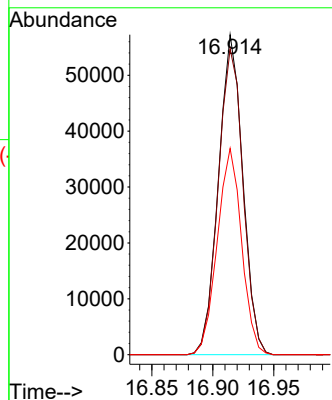
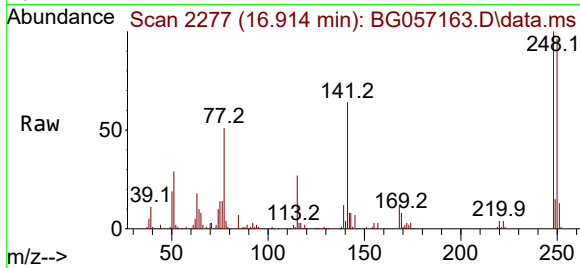




#67
4-Bromophenyl-phenylether
Concen: 43.027 ng
RT: 16.914 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

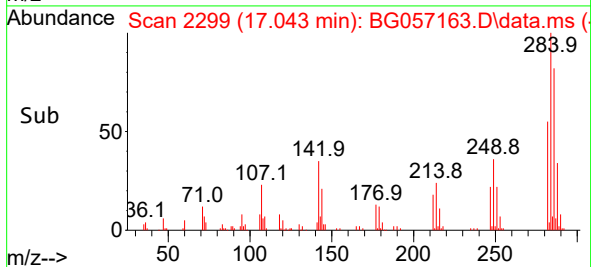
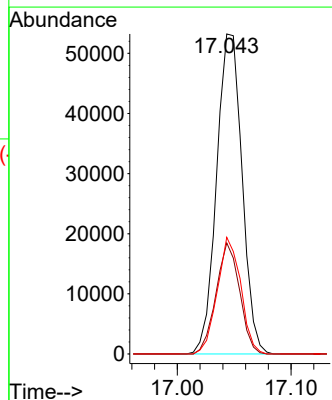
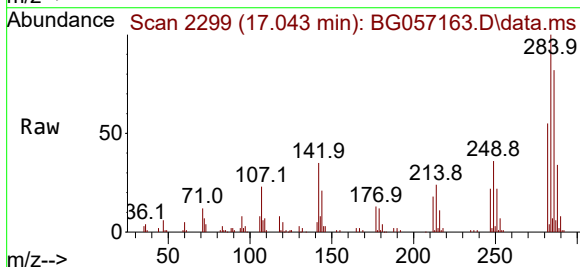
Instrument :
BNA_G
ClientSampleId :
PB152347BS

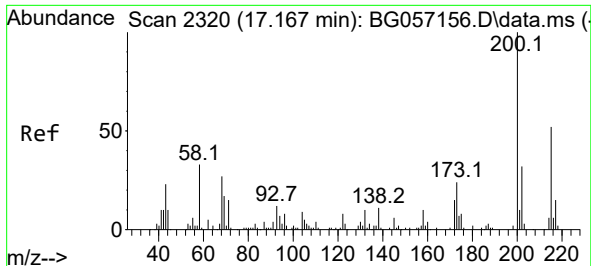
Tgt Ion:248 Resp: 79675
Ion Ratio Lower Upper
248 100
250 95.6 75.8 113.8
141 64.4 50.1 75.1



#68
Hexachlorobenzene
Concen: 43.622 ng
RT: 17.043 min Scan# 2299
Delta R.T. -0.006 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Tgt Ion:284 Resp: 82852
Ion Ratio Lower Upper
284 100
142 34.7 22.6 33.8#
249 36.5 26.6 40.0

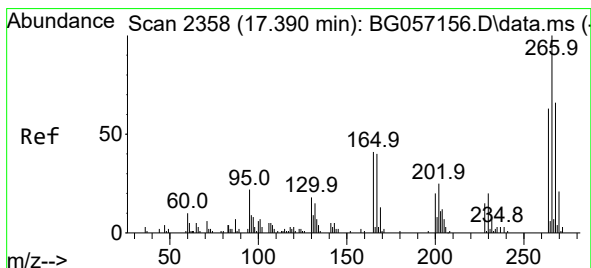
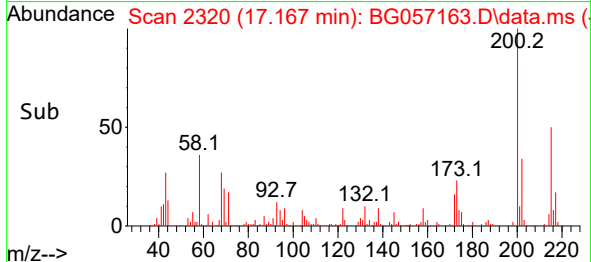
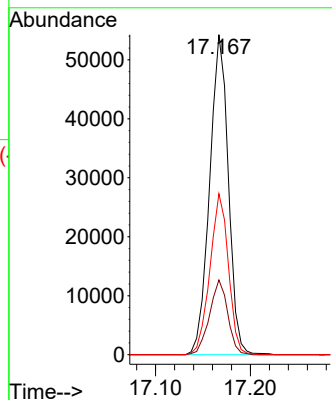
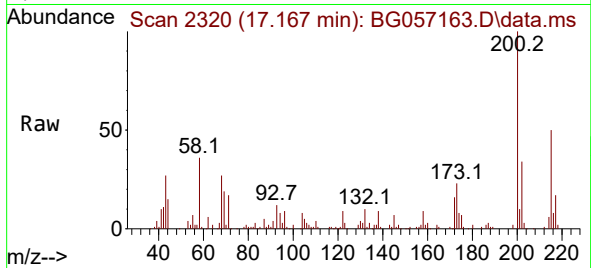




#69
 Atrazine
 Concen: 57.814 ng
 RT: 17.167 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG057163.D
 Acq: 24 Apr 2023 22:52

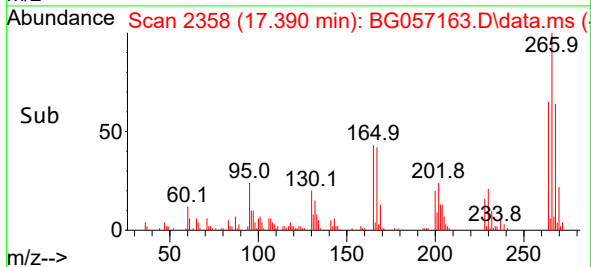
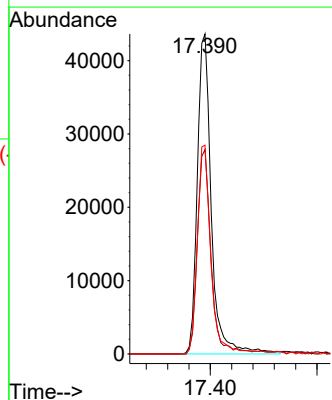
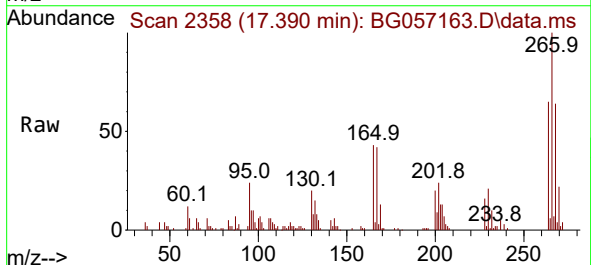
Instrument :
 BNA_G
 ClientSampleId :
 PB152347BS

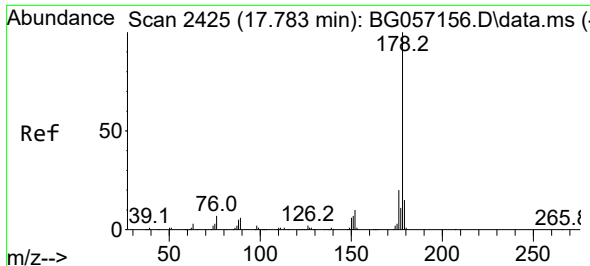
Tgt Ion:200 Resp: 74191
 Ion Ratio Lower Upper
 200 100
 173 23.3 4.2 44.2
 215 50.3 31.8 71.8



#70
 Pentachlorophenol
 Concen: 89.149 ng
 RT: 17.390 min Scan# 2358
 Delta R.T. -0.000 min
 Lab File: BG057163.D
 Acq: 24 Apr 2023 22:52

Tgt Ion:266 Resp: 79573
 Ion Ratio Lower Upper
 266 100
 268 63.9 52.5 78.7
 264 65.3 50.7 76.1

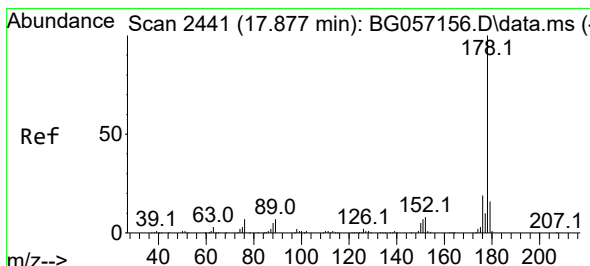
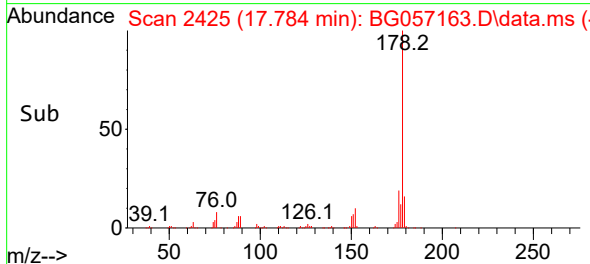
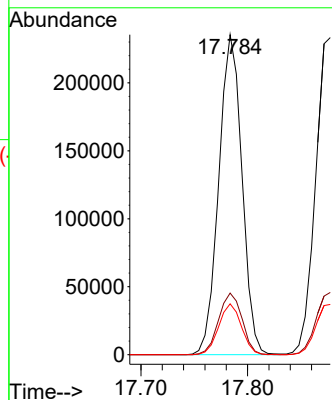
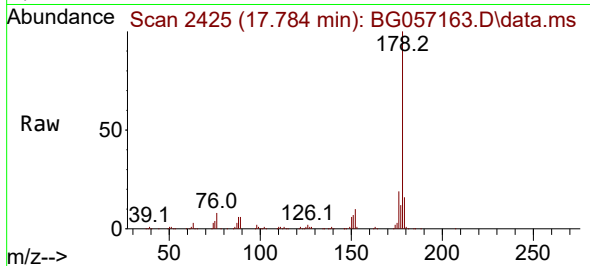




#71
Phenanthrene
Concen: 45.173 ng
RT: 17.784 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

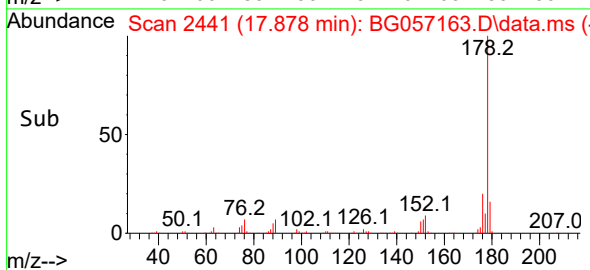
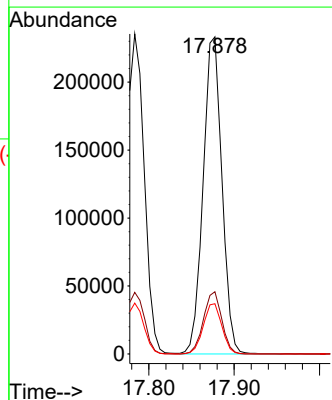
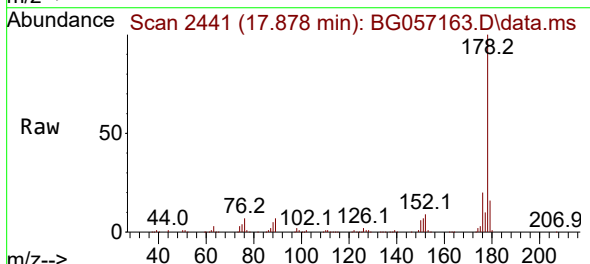
Instrument :
BNA_G
ClientSampleId :
PB152347BS

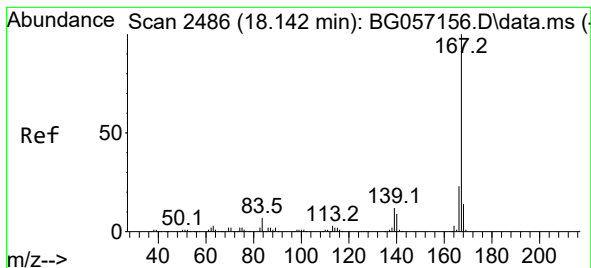
Tgt Ion:178 Resp: 355093
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.9 12.4 18.6



#72
Anthracene
Concen: 45.049 ng
RT: 17.878 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Tgt Ion:178 Resp: 358065
Ion Ratio Lower Upper
178 100
176 19.6 14.9 22.3
179 15.8 12.5 18.7





#73

Carbazole

Concen: 46.900 ng

RT: 18.142 min Scan# 2486

Delta R.T. -0.000 min

Lab File: BG057163.D

Acq: 24 Apr 2023 22:52

Instrument :

BNA_G

ClientSampleId :

PB152347BS

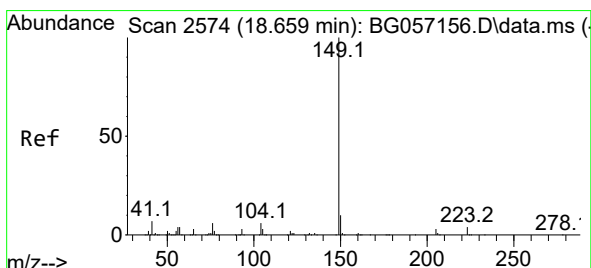
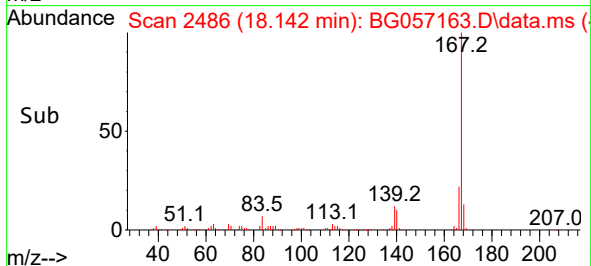
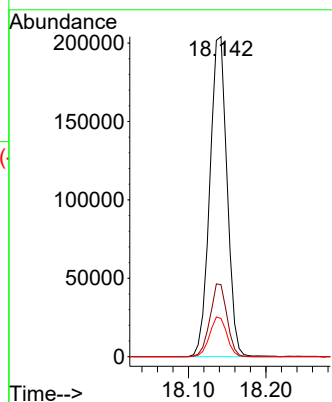
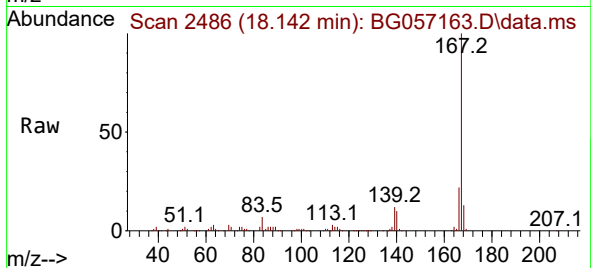
Tgt Ion:167 Resp: 314666

Ion Ratio Lower Upper

167 100

166 22.5 18.3 27.5

139 11.9 9.6 14.4



#74

Di-n-butylphthalate

Concen: 50.581 ng

RT: 18.659 min Scan# 2574

Delta R.T. 0.000 min

Lab File: BG057163.D

Acq: 24 Apr 2023 22:52

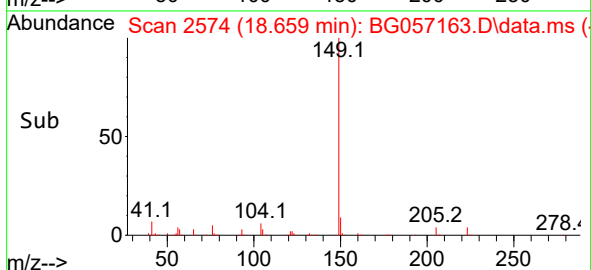
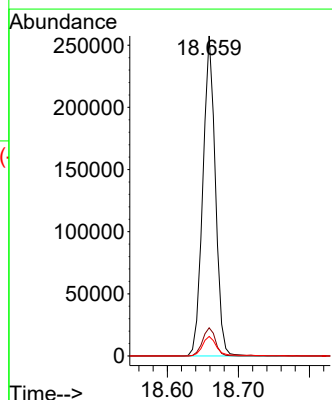
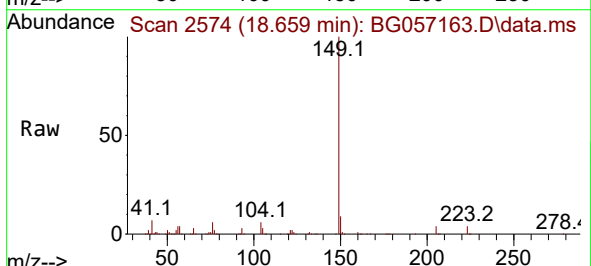
Tgt Ion:149 Resp: 315670

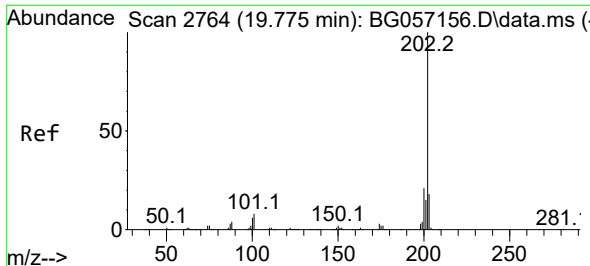
Ion Ratio Lower Upper

149 100

150 8.8 7.6 11.4

104 6.1 4.7 7.1

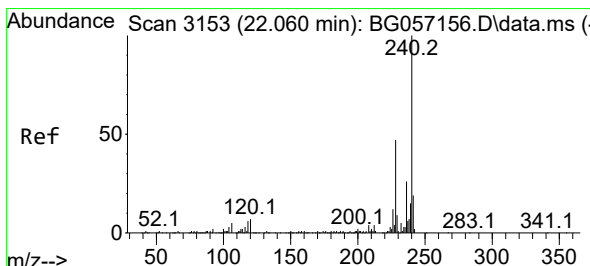
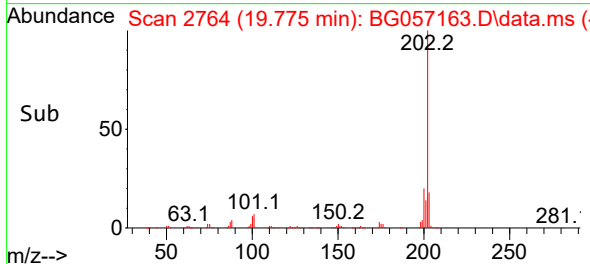
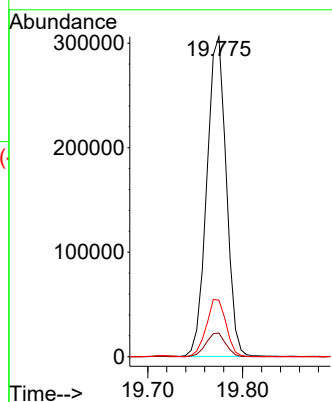
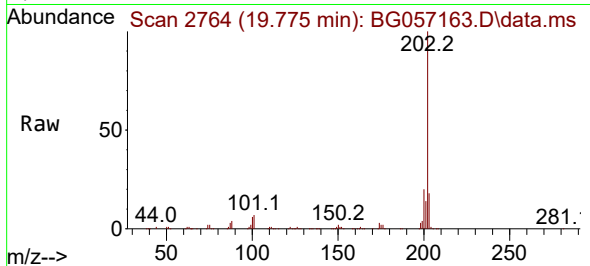




#75
Fluoranthene
Concen: 44.545 ng
RT: 19.775 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

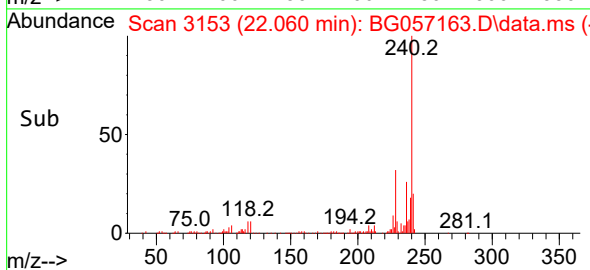
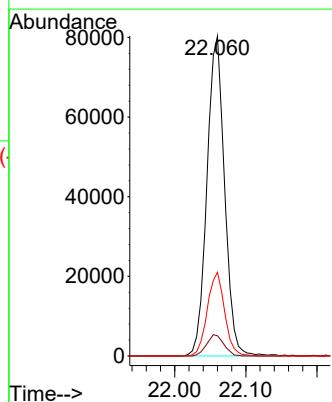
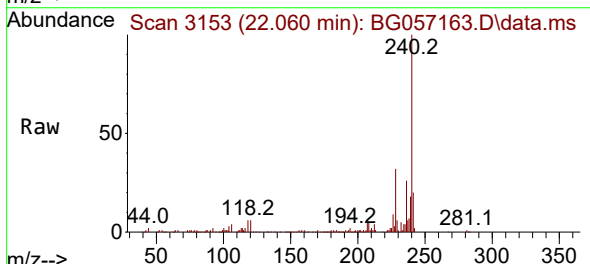
Instrument :
BNA_G
ClientSampleId :
PB152347BS

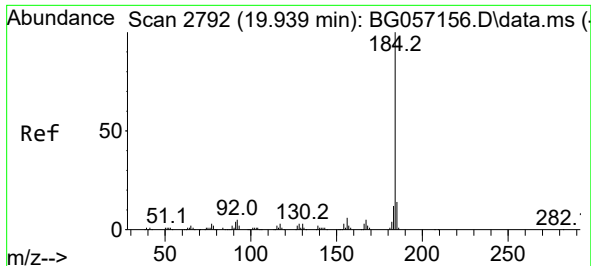
Tgt Ion:202 Resp: 435031
Ion Ratio Lower Upper
202 100
101 7.4 0.0 27.6
203 17.7 0.0 38.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.060 min Scan# 3153
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Tgt Ion:240 Resp: 138436
Ion Ratio Lower Upper
240 100
120 6.3 5.5 8.3
236 26.2 20.8 31.2

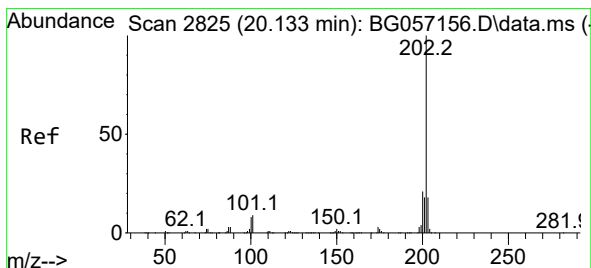
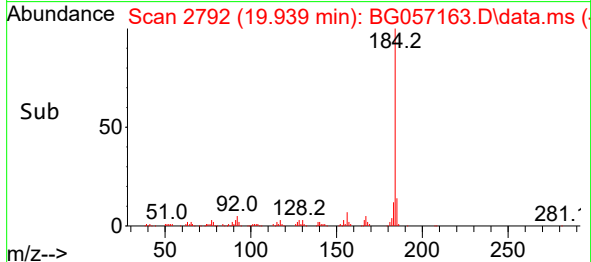
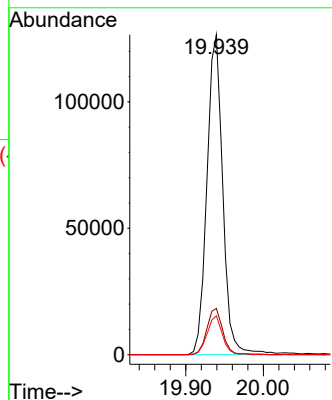
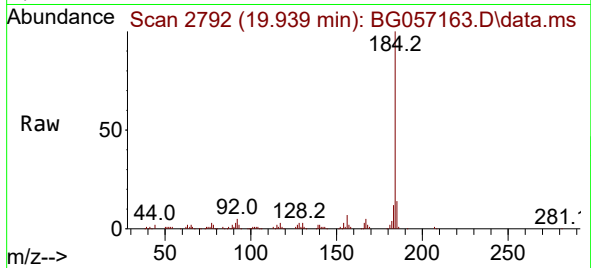




#77
Benzidine
Concen: 86.159 ng
RT: 19.939 min Scan# 2792
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

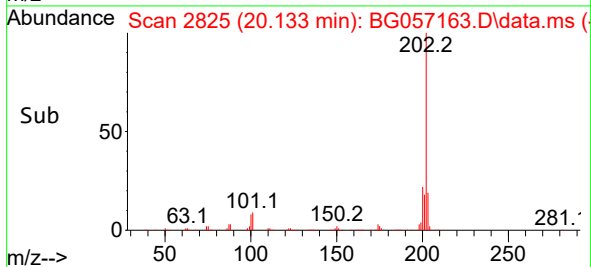
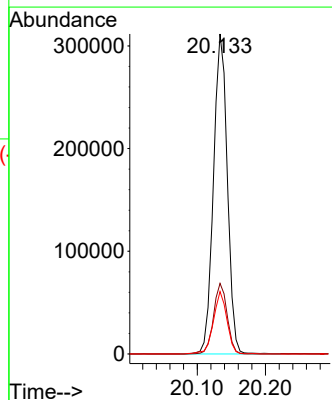
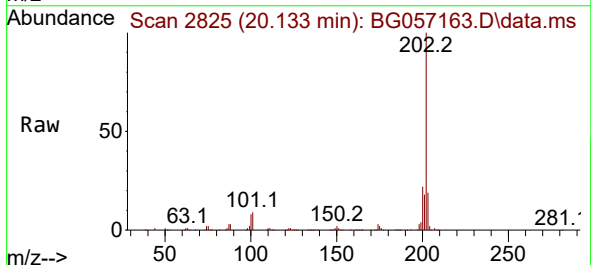
Instrument :
BNA_G
ClientSampleId :
PB152347BS

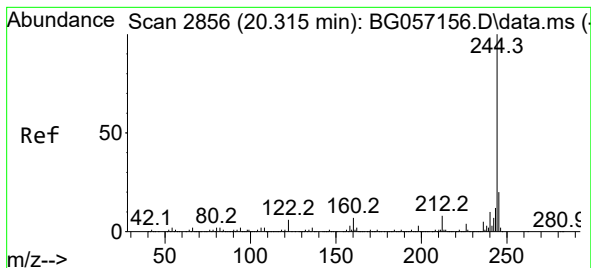
Tgt Ion:184 Resp: 179731
Ion Ratio Lower Upper
184 100
185 14.4 11.3 16.9
183 12.2 9.4 14.0



#78
Pyrene
Concen: 46.914 ng
RT: 20.133 min Scan# 2825
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Tgt Ion:202 Resp: 440949
Ion Ratio Lower Upper
202 100
200 22.1 17.0 25.4
203 19.5 14.7 22.1





#79

Terphenyl-d14

Concen: 94.175 ng

RT: 20.310 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG057163.D

Acq: 24 Apr 2023 22:52

Instrument :

BNA_G

ClientSampleId :

PB152347BS

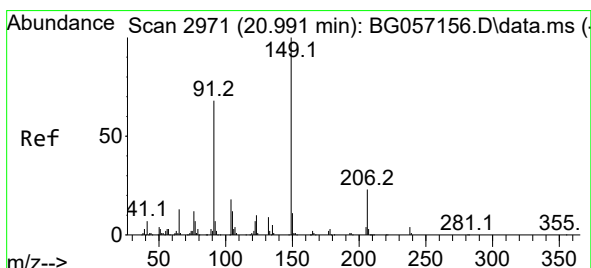
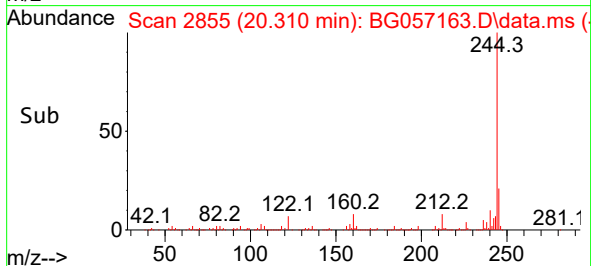
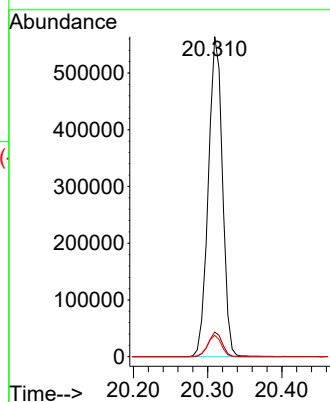
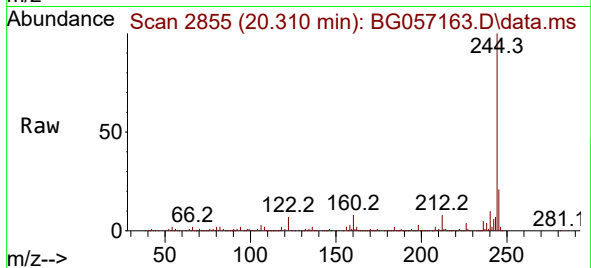
Tgt Ion:244 Resp: 745363

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

122 6.7 5.0 7.4



#80

Butylbenzylphthalate

Concen: 49.466 ng

RT: 20.991 min Scan# 2971

Delta R.T. -0.000 min

Lab File: BG057163.D

Acq: 24 Apr 2023 22:52

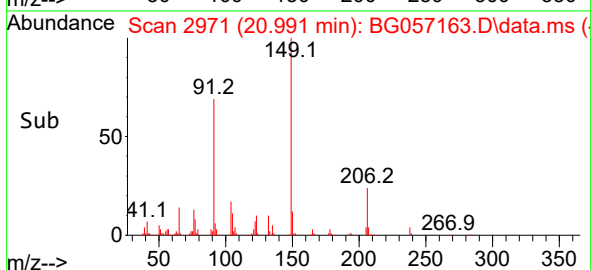
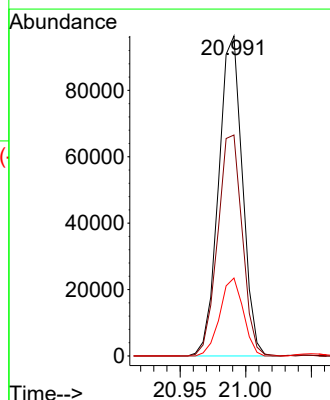
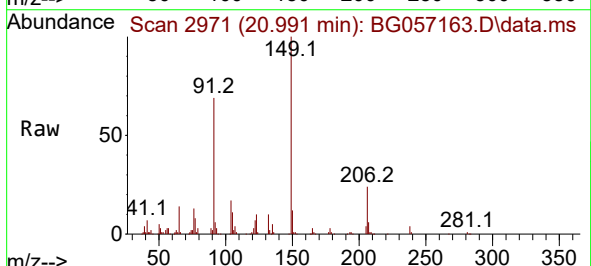
Tgt Ion:149 Resp: 121360

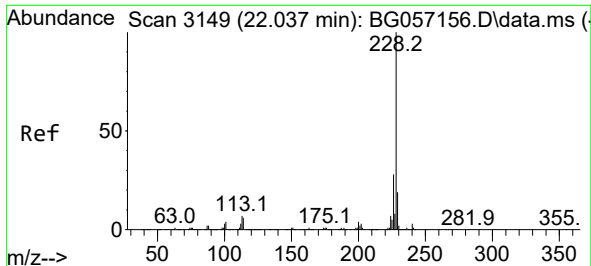
Ion Ratio Lower Upper

149 100

91 69.1 54.1 81.1

206 24.3 18.2 27.2

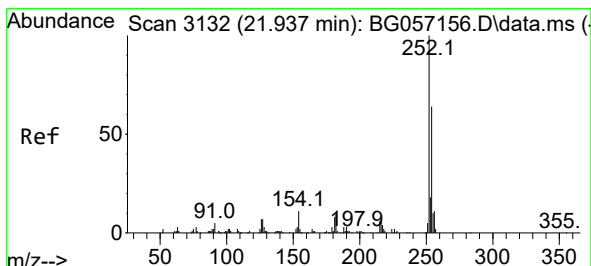
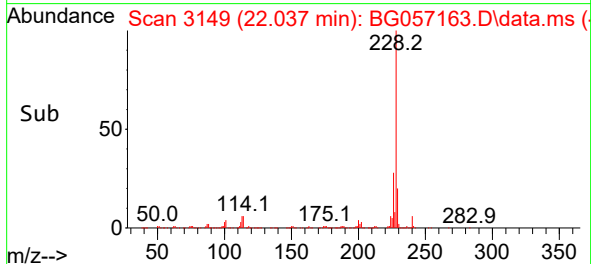
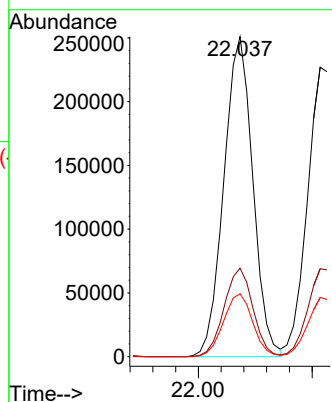
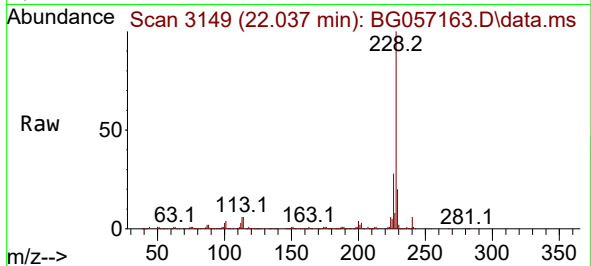




#81
Benzo(a)anthracene
Concen: 46.496 ng
RT: 22.037 min Scan# 3149
Delta R.T. 0.000 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

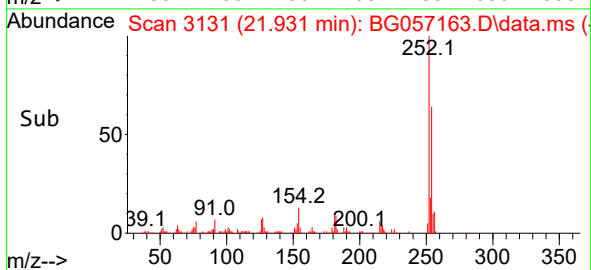
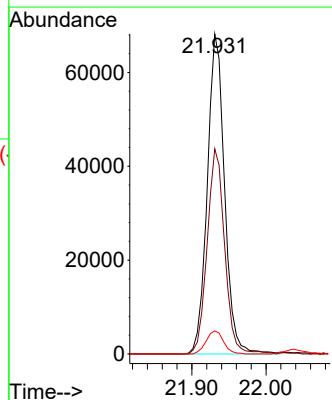
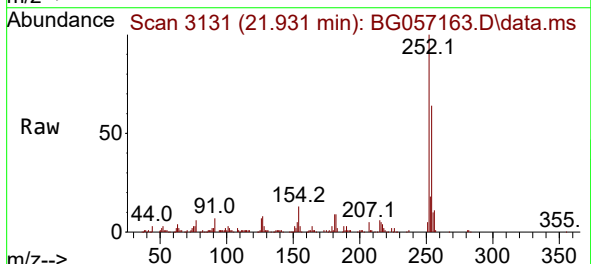
Instrument :
BNA_G
ClientSampleId :
PB152347BS

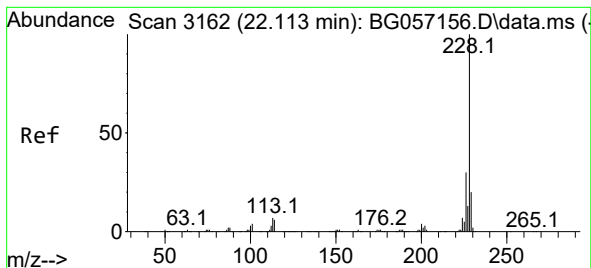
Tgt Ion:228 Resp: 442560
Ion Ratio Lower Upper
228 100
226 27.7 22.2 33.4
229 19.6 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 44.342 ng
RT: 21.931 min Scan# 3131
Delta R.T. -0.006 min
Lab File: BG057163.D
Acq: 24 Apr 2023 22:52

Tgt Ion:252 Resp: 110465
Ion Ratio Lower Upper
252 100
254 64.1 50.9 76.3
126 7.2 5.9 8.9





#83

Chrysene

Concen: 44.429 ng

RT: 22.107 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG057163.D

Acq: 24 Apr 2023 22:52

Instrument :

BNA_G

ClientSampleId :

PB152347BS

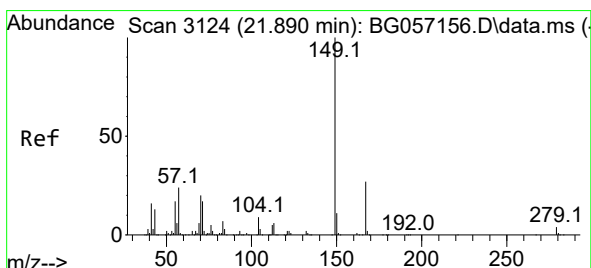
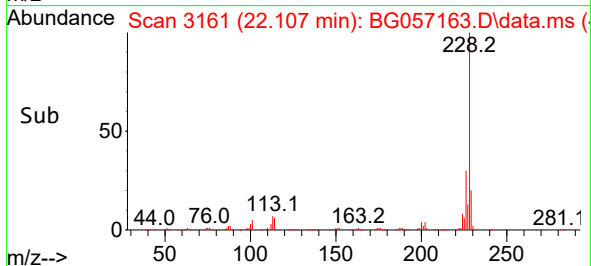
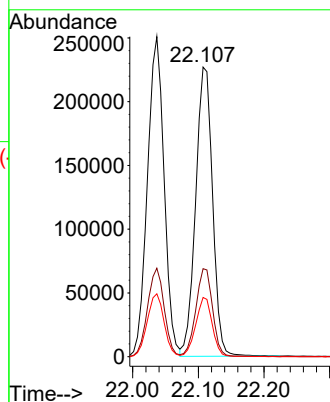
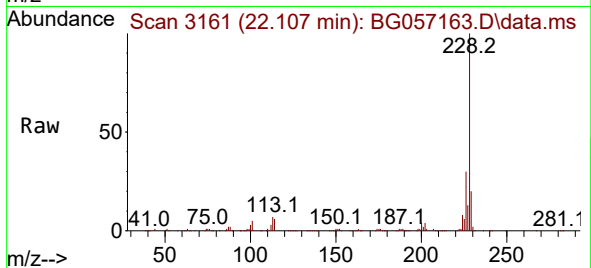
Tgt Ion:228 Resp: 407820

Ion Ratio Lower Upper

228 100

226 30.4 24.0 36.0

229 20.5 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.060 ng

RT: 21.884 min Scan# 3123

Delta R.T. -0.006 min

Lab File: BG057163.D

Acq: 24 Apr 2023 22:52

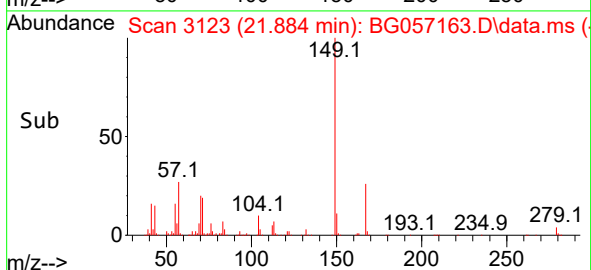
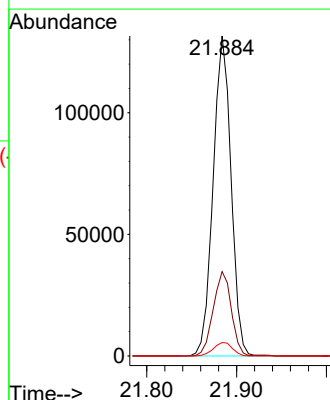
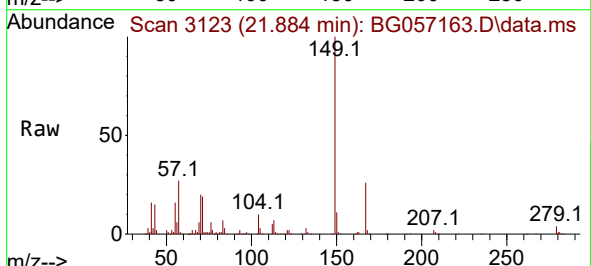
Tgt Ion:149 Resp: 182236

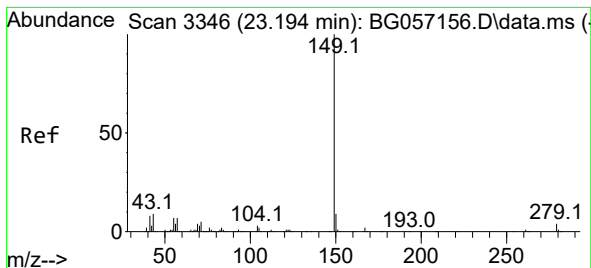
Ion Ratio Lower Upper

149 100

167 26.3 21.9 32.9

279 4.2 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 51.246 ng

RT: 23.188 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG057163.D

Acq: 24 Apr 2023 22:52

Instrument :

BNA_G

ClientSampleId :

PB152347BS

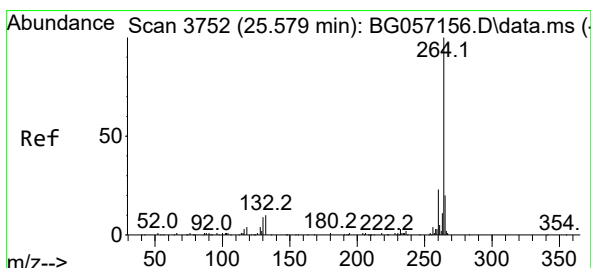
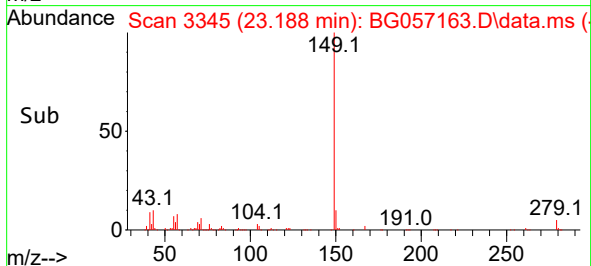
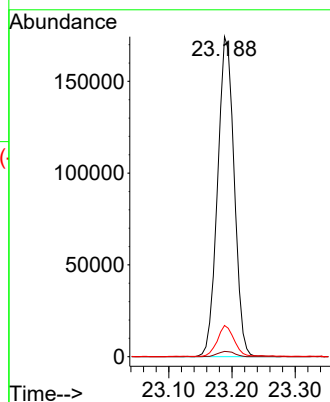
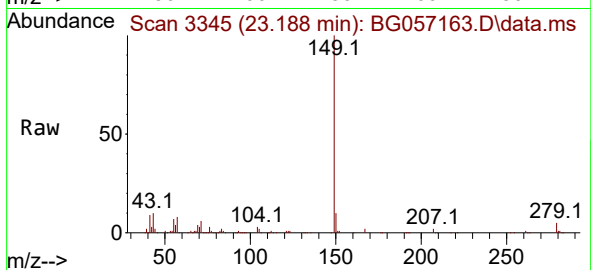
Tgt Ion:149 Resp: 318178

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 9.8 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.579 min Scan# 3752

Delta R.T. 0.000 min

Lab File: BG057163.D

Acq: 24 Apr 2023 22:52

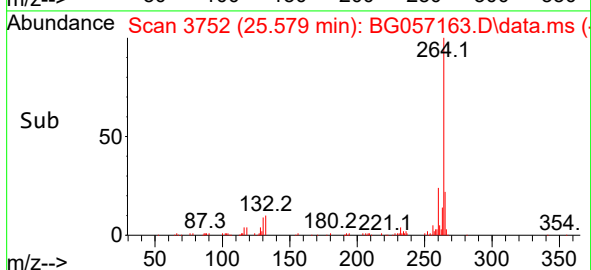
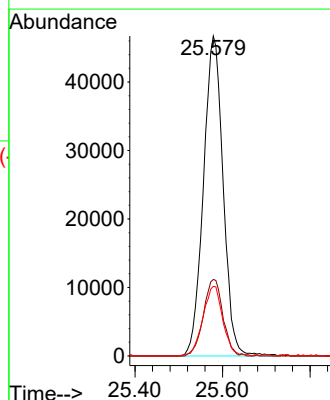
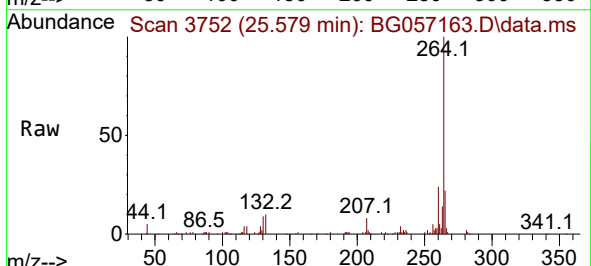
Tgt Ion:264 Resp: 146175

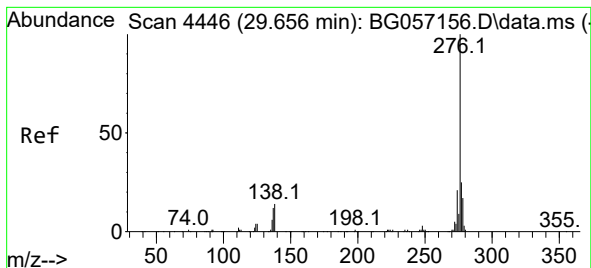
Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 21.8 16.4 24.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.227 ng

RT: 29.650 min Scan# 4445

Delta R.T. -0.006 min

Lab File: BG057163.D

Acq: 24 Apr 2023 22:52

Instrument :

BNA_G

ClientSampleId :

PB152347BS

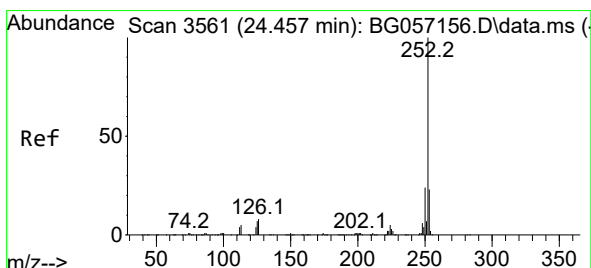
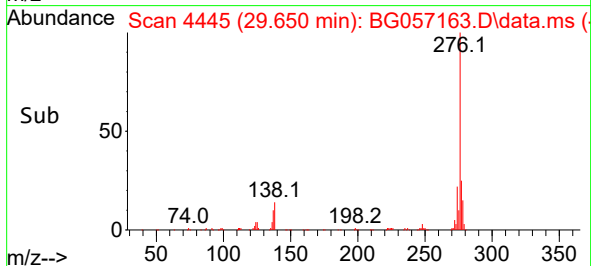
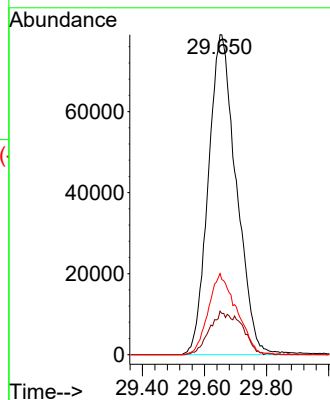
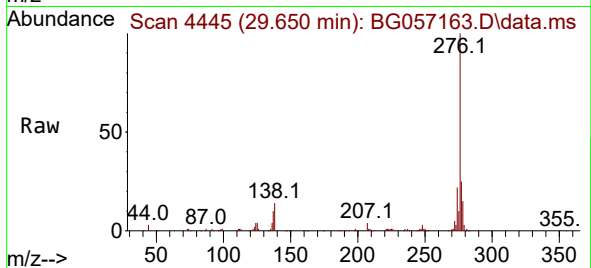
Tgt Ion:276 Resp: 494506

Ion Ratio Lower Upper

276 100

138 10.4 13.8 20.6#

277 25.7 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 49.184 ng

RT: 24.451 min Scan# 3560

Delta R.T. -0.006 min

Lab File: BG057163.D

Acq: 24 Apr 2023 22:52

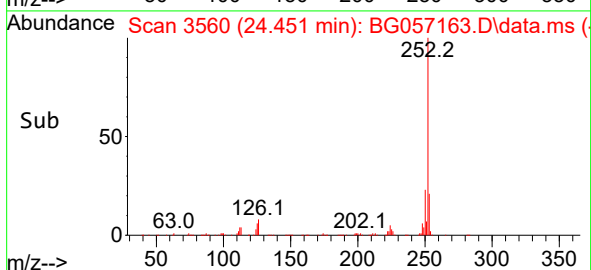
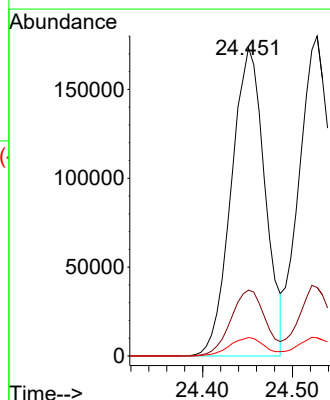
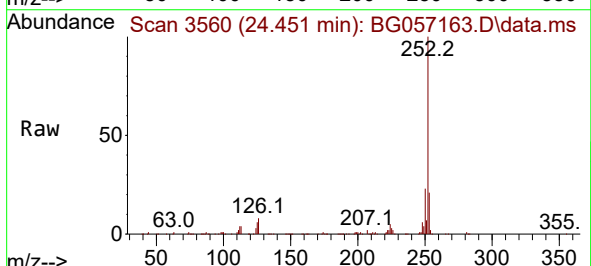
Tgt Ion:252 Resp: 450671

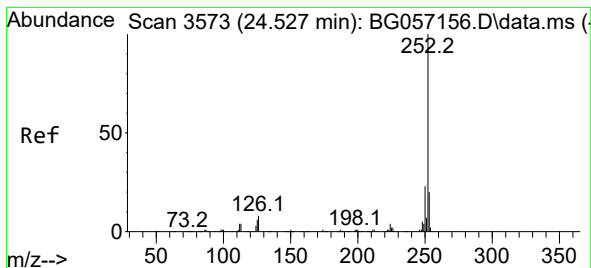
Ion Ratio Lower Upper

252 100

253 21.4 18.2 27.2

125 6.0 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 47.405 ng

RT: 24.527 min Scan# 3

Delta R.T. 0.000 min

Lab File: BG057163.D

Acq: 24 Apr 2023 22:52

Instrument :

BNA_G

ClientSampleId :

PB152347BS

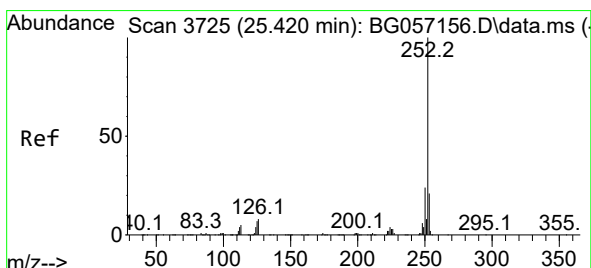
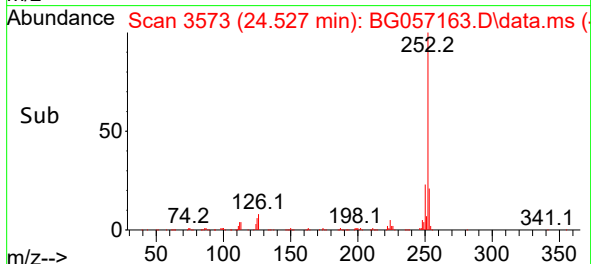
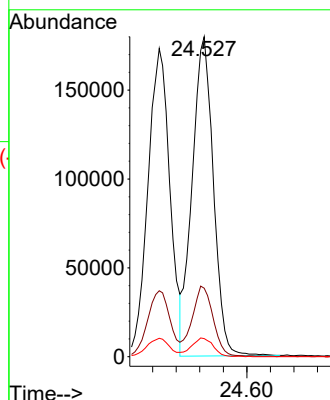
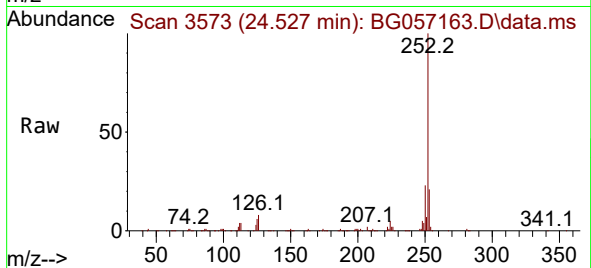
Tgt Ion:252 Resp: 449310

Ion Ratio Lower Upper

252 100

253 21.4 16.7 25.1

125 5.7 5.0 7.6



#90

Benzo(a)pyrene

Concen: 44.054 ng

RT: 25.414 min Scan# 3724

Delta R.T. -0.006 min

Lab File: BG057163.D

Acq: 24 Apr 2023 22:52

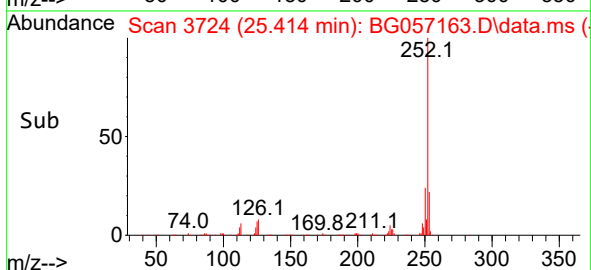
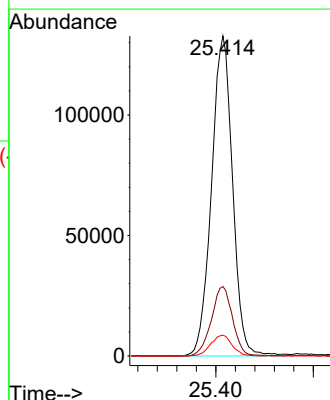
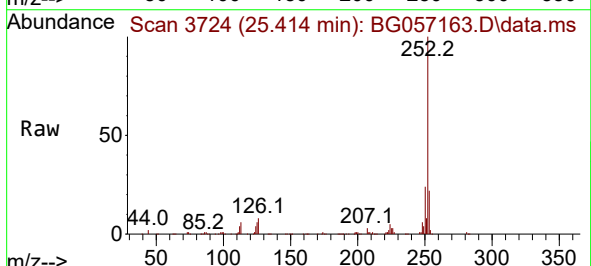
Tgt Ion:252 Resp: 397594

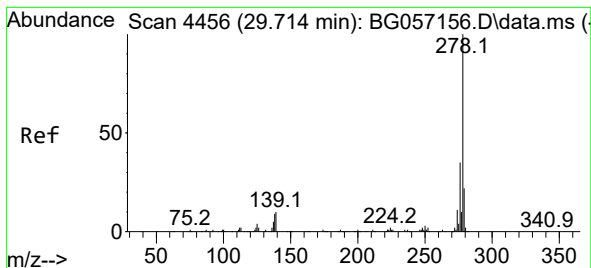
Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

125 6.5 5.8 8.8





#91

Dibenzo(a,h)anthracene

Concen: 47.239 ng

RT: 29.714 min Scan# 4456

Delta R.T. 0.000 min

Lab File: BG057163.D

Acq: 24 Apr 2023 22:52

Instrument :

BNA_G

ClientSampleId :

PB152347BS

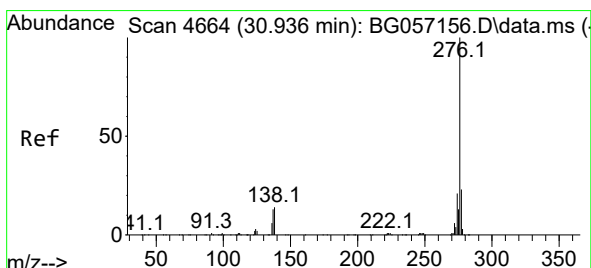
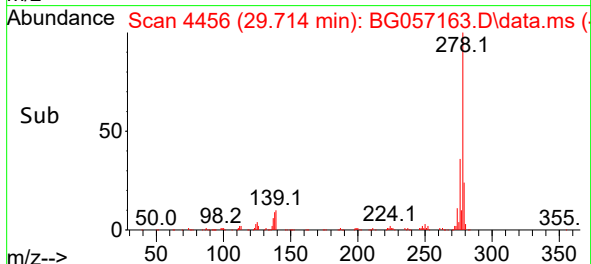
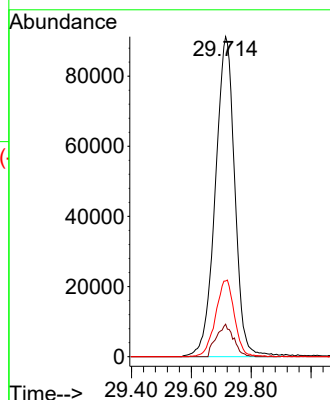
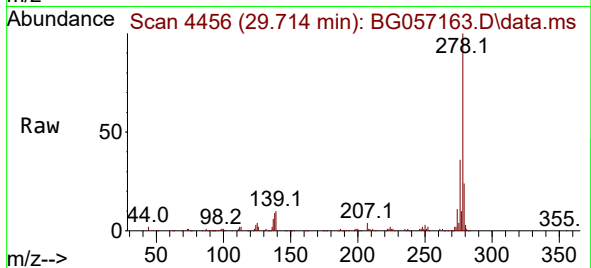
Tgt Ion:278 Resp: 410699

Ion Ratio Lower Upper

278 100

139 10.2 7.9 11.9

279 23.6 17.7 26.5



#92

Benzo(g,h,i)perylene

Concen: 45.920 ng

RT: 30.930 min Scan# 4663

Delta R.T. -0.006 min

Lab File: BG057163.D

Acq: 24 Apr 2023 22:52

Tgt Ion:276 Resp: 395006

Ion Ratio Lower Upper

276 100

277 22.2 18.5 27.7

138 13.1 11.5 17.3

