

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052723\
 Data File : BG057603.D
 Acq On : 27 May 2023 4:07
 Operator : CG/JU
 Sample : PB153018BSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153018BSD

Quant Time: May 27 04:49:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 23:44:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.343	152	15715	20.000	ng	0.00
21) Naphthalene-d8	11.180	136	69479	20.000	ng	0.00
39) Acenaphthene-d10	14.969	164	58256	20.000	ng	0.00
64) Phenanthrene-d10	17.707	188	165371	20.000	ng	0.00
76) Chrysene-d12	22.007	240	151523	20.000	ng	-0.01
86) Perylene-d12	25.496	264	162799	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.864	112	138955	153.616	ng	0.00
7) Phenol-d6	7.491	99	210132	148.437	ng	0.00
23) Nitrobenzene-d5	9.524	82	127199	85.581	ng	0.00
42) 2,4,6-Tribromophenol	16.450	330	121574	130.347	ng	0.00
45) 2-Fluorobiphenyl	13.589	172	334612	82.545	ng	0.00
79) Terphenyl-d14	20.268	244	781916	89.389	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.649	88	12241	32.662	ng	95
3) Pyridine	4.078	79	35822	31.264	ng	98
4) n-Nitrosodimethylamine	3.984	42	19120	41.243	ng	# 94
6) Aniline	7.662	93	58033	33.887	ng	98
8) 2-Chlorophenol	7.908	128	49549	51.023	ng	95
9) Benzaldehyde	7.474	77	30446	32.462	ng	99
10) Phenol	7.521	94	70852	52.880	ng	99
11) bis(2-Chloroethyl)ether	7.744	93	44535	44.514	ng	98
12) 1,3-Dichlorobenzene	8.232	146	48136	46.526	ng	99
13) 1,4-Dichlorobenzene	8.378	146	48572	46.147	ng	96
14) 1,2-Dichlorobenzene	8.707	146	48021	46.774	ng	98
15) Benzyl Alcohol	8.584	79	54793	50.317	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.860	45	56140	45.191	ng	97
17) 2-Methylphenol	8.790	107	48786	49.582	ng	98
18) Hexachloroethane	9.436	117	17030	47.252	ng	92
19) n-Nitroso-di-n-propyla...	9.148	70	44081	44.821	ng	97
20) 3+4-Methylphenols	9.119	107	66830	48.384	ng	95
22) Acetophenone	9.177	105	80423	43.288	ng	95
24) Nitrobenzene	9.571	77	63253	41.925	ng	95
25) Isophorone	10.088	82	120494	41.245	ng	97
26) 2-Nitrophenol	10.288	139	28807	44.532	ng	93
27) 2,4-Dimethylphenol	10.335	122	54829	49.025	ng	97
28) bis(2-Chloroethoxy)met...	10.564	93	66875	44.146	ng	97
29) 2,4-Dichlorophenol	10.834	162	57681	49.105	ng	98
30) 1,2,4-Trichlorobenzene	11.039	180	55510	43.361	ng	95
31) Naphthalene	11.233	128	155572	42.328	ng	98
32) Benzoic acid	10.487	122	25307	40.082	ng	92
33) 4-Chloroaniline	11.345	127	39844	23.574	ng	95
34) Hexachlorobutadiene	11.504	225	37134	41.937	ng	95
35) Caprolactam	12.109	113	13017	26.732	ng	94
36) 4-Chloro-3-methylphenol	12.443	107	67569	48.597	ng	98
37) 2-Methylnaphthalene	12.814	142	120716	41.848	ng	98
38) 1-Methylnaphthalene	13.031	142	113815	41.346	ng	99
40) 1,2,4,5-Tetrachloroben...	13.178	216	80702	42.205	ng	98
41) Hexachlorocyclopentadiene	13.148	237	46690	89.527	ng	98
43) 2,4,6-Trichlorophenol	13.413	196	54581	45.340	ng	97

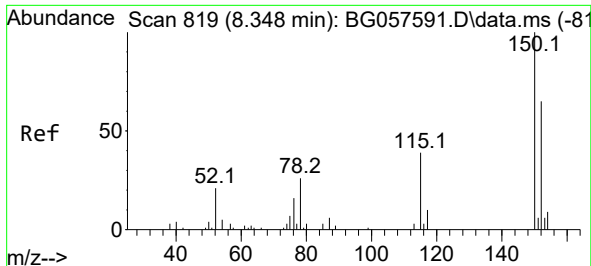
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.501	196	59976	41.832	ng	95
46) 1,1'-Biphenyl	13.800	154	177720	42.684	ng	100
47) 2-Chloronaphthalene	13.853	162	135143	43.092	ng	98
48) 2-Nitroaniline	14.053	65	48804	44.426	ng	97
49) Acenaphthylene	14.693	152	228001	42.933	ng	99
50) Dimethylphthalate	14.406	163	201824	42.034	ng	# 99
51) 2,6-Dinitrotoluene	14.535	165	46022	44.777	ng	92
52) Acenaphthene	15.028	154	138244	42.543	ng	96
53) 3-Nitroaniline	14.875	138	27711	25.849	ng	100
54) 2,4-Dinitrophenol	15.093	184	56184	89.672	ng	97
55) Dibenzofuran	15.363	168	235734	42.455	ng	97
56) 4-Nitrophenol	15.187	139	68932	96.508	ng	96
57) 2,4-Dinitrotoluene	15.328	165	69798	45.356	ng	# 98
58) Fluorene	16.009	166	201526	42.986	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.592	232	61561	45.832	ng	98
60) Diethylphthalate	15.751	149	215943	43.090	ng	99
61) 4-Chlorophenyl-phenyle...	15.986	204	111503	42.676	ng	97
62) 4-Nitroaniline	16.033	138	49574	42.869	ng	94
63) Azobenzene	16.279	77	194645	43.674	ng	98
65) 4,6-Dinitro-2-methylph...	16.091	198	47239	46.915	ng	97
66) n-Nitrosodiphenylamine	16.197	169	183877	42.780	ng	98
67) 4-Bromophenyl-phenylether	16.879	248	78598	42.370	ng	98
68) Hexachlorobenzene	17.014	284	86582	45.280	ng	94
69) Atrazine	17.131	200	87721	47.535	ng	99
70) Pentachlorophenol	17.360	266	81131	83.270	ng	95
71) Phenanthrene	17.748	178	367087	43.377	ng	98
72) Anthracene	17.836	178	370937	42.727	ng	99
73) Carbazole	18.106	167	341820	44.013	ng	99
74) Di-n-butylphthalate	18.617	149	388700	42.160	ng	99
75) Fluoranthene	19.734	202	460568	41.922	ng	100
77) Benzidine	19.898	184	219400	47.851	ng	99
78) Pyrene	20.098	202	471140	43.669	ng	100
80) Butylbenzylphthalate	20.944	149	170803	43.470	ng	98
81) Benzo(a)anthracene	21.983	228	464110	44.150	ng	98
82) 3,3'-Dichlorobenzidine	21.884	252	113761	29.346	ng	99
83) Chrysene	22.054	228	422834	42.564	ng	99
84) Bis(2-ethylhexyl)phtha...	21.825	149	245278	43.762	ng	98
85) Di-n-octyl phthalate	23.111	149	408438	43.964	ng	99
87) Indeno(1,2,3-cd)pyrene	29.544	276	512772	45.176	ng	99
88) Benzo(b)fluoranthene	24.380	252	470689	46.971	ng	99
89) Benzo(k)fluoranthene	24.451	252	449832	44.480	ng	97
90) Benzo(a)pyrene	25.332	252	409478	41.901	ng	99
91) Dibenzo(a,h)anthracene	29.591	278	425546	45.049	ng	99
92) Benzo(g,h,i)perylene	30.813	276	416442	45.203	ng	98

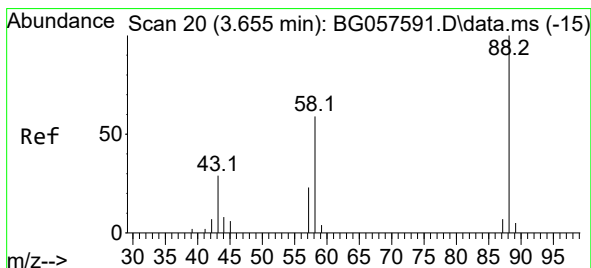
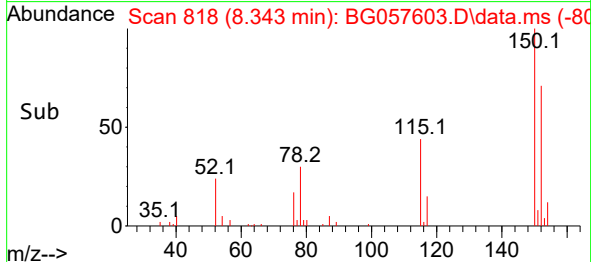
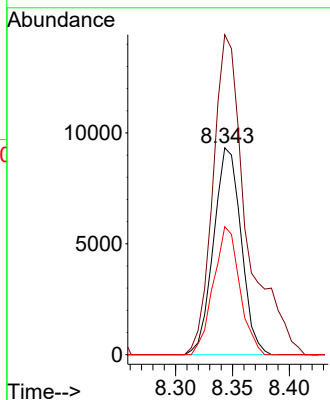
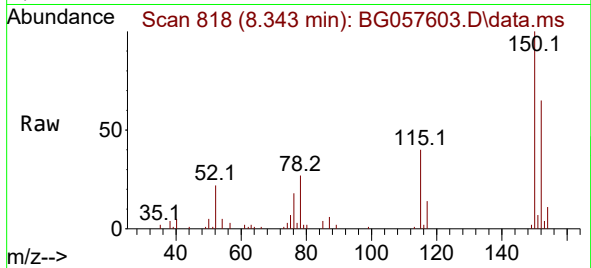
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.343 min Scan# 81
Delta R.T. -0.005 min
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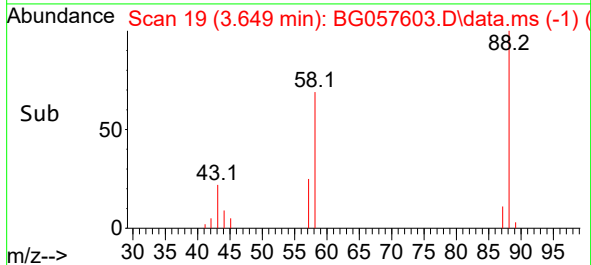
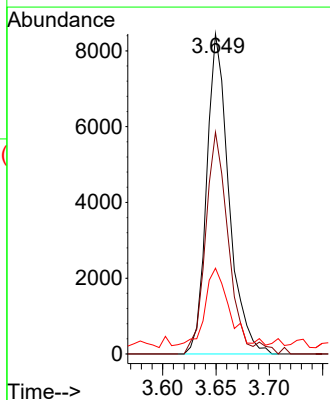
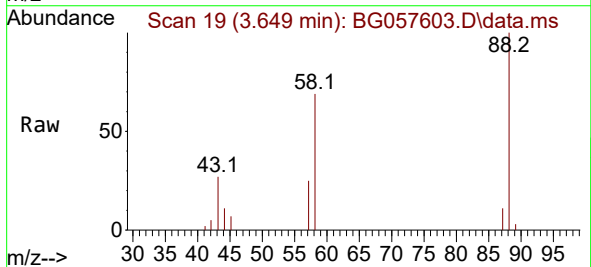
Instrument :
BNA_G
ClientSampleId :
PB153018BSD

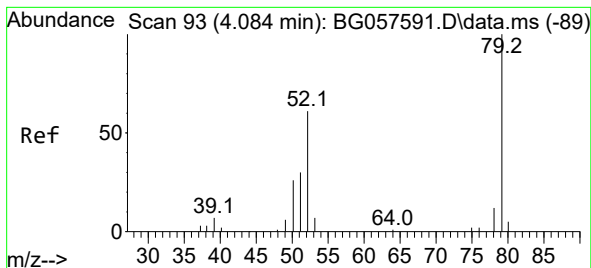
Tgt Ion:152 Resp: 15715
Ion Ratio Lower Upper
152 100
150 154.7 123.0 184.4
115 61.9 47.4 71.2



#2
1,4-Dioxane
Concen: 32.662 ng
RT: 3.649 min Scan# 19
Delta R.T. -0.005 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

Tgt Ion: 88 Resp: 12241
Ion Ratio Lower Upper
88 100
58 69.7 52.6 79.0
43 24.8 22.1 33.1





#3

Pyridine

Concen: 31.264 ng

RT: 4.078 min Scan# 91

Delta R.T. -0.005 min

Lab File: BG057603.D

Acq: 27 May 2023 4:07

Instrument :

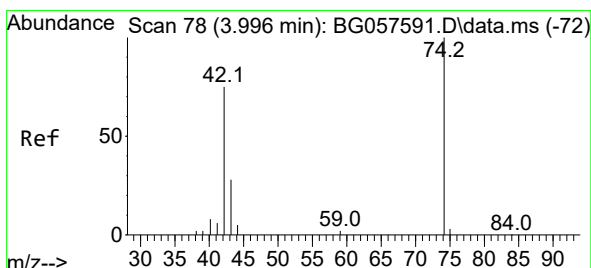
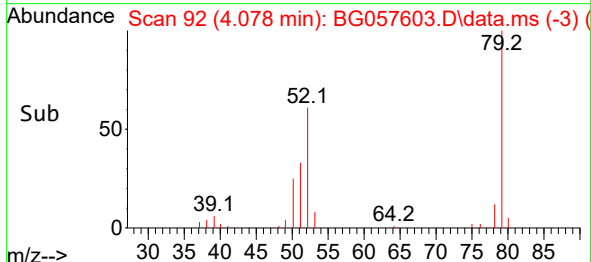
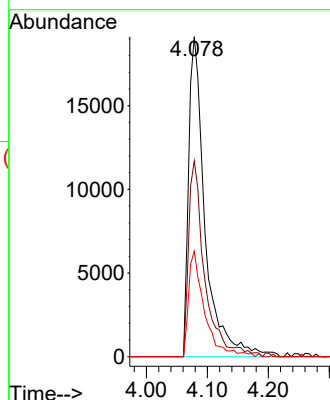
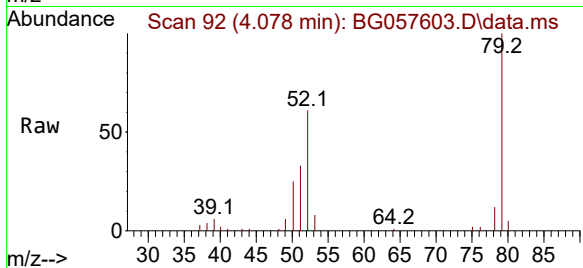
BNA_G

ClientSampleId :

PB153018BSD

Tgt Ion: 79 Resp: 35822

Ion	Ratio	Lower	Upper
79	100		
52	61.2	48.4	72.6
51	33.0	24.4	36.6



#4

n-Nitrosodimethylamine

Concen: 41.243 ng

RT: 3.984 min Scan# 76

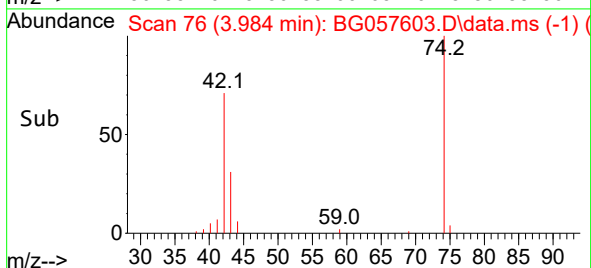
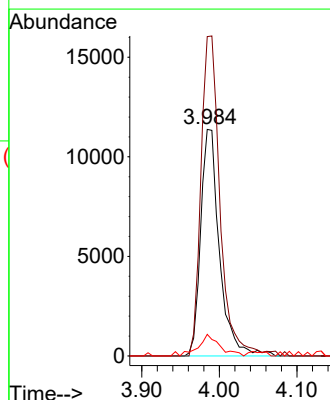
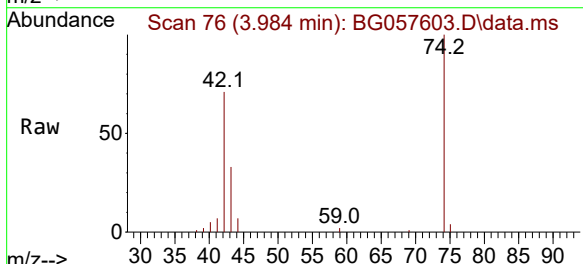
Delta R.T. -0.011 min

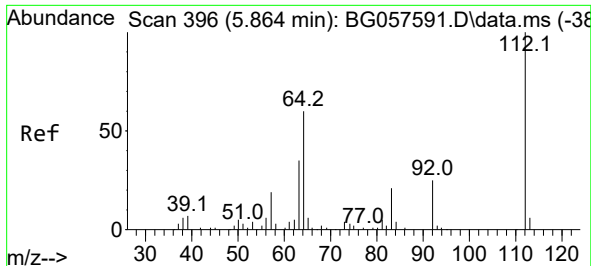
Lab File: BG057603.D

Acq: 27 May 2023 4:07

Tgt Ion: 42 Resp: 19120

Ion	Ratio	Lower	Upper
42	100		
74	141.0	107.3	160.9
44	9.6	6.1	9.1

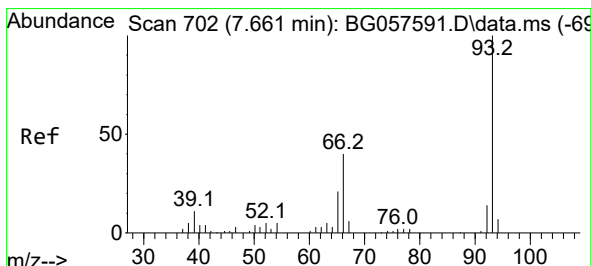
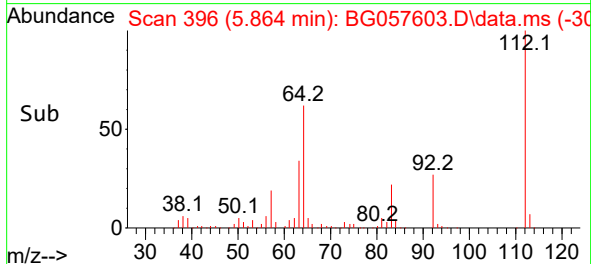
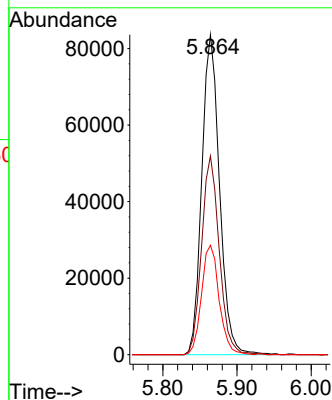
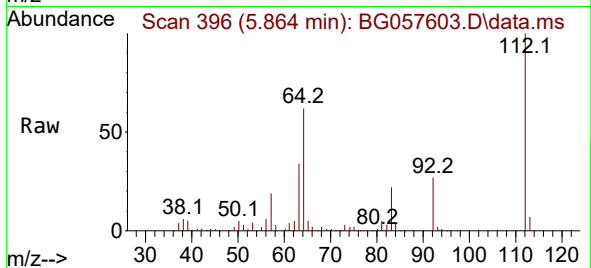




#5
2-Fluorophenol
Concen: 153.616 ng
RT: 5.864 min Scan# 396
Delta R.T. 0.001 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

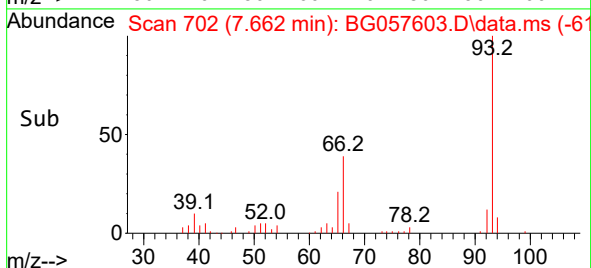
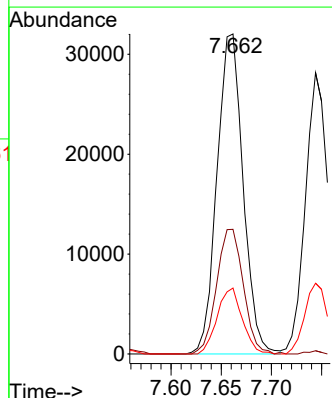
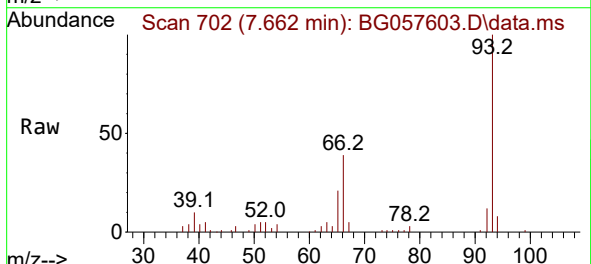
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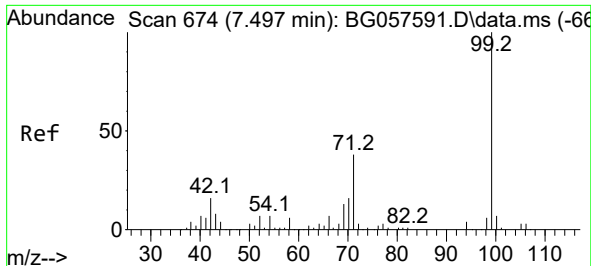
Tgt Ion:112 Resp: 138955
Ion Ratio Lower Upper
112 100
64 62.1 47.8 71.6
63 34.2 27.8 41.8



#6
Aniline
Concen: 33.887 ng
RT: 7.662 min Scan# 702
Delta R.T. 0.001 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

Tgt Ion: 93 Resp: 58033
Ion Ratio Lower Upper
93 100
66 39.0 32.2 48.4
65 20.6 16.7 25.1

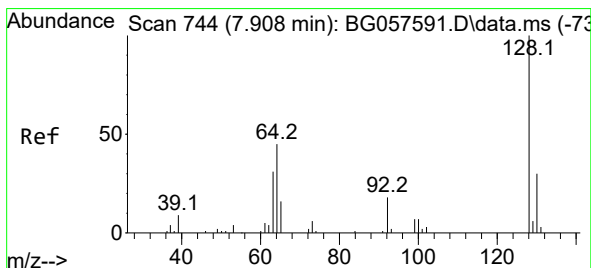
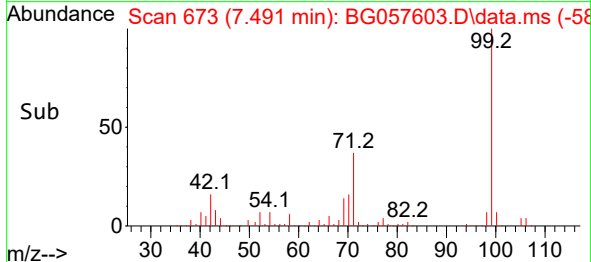
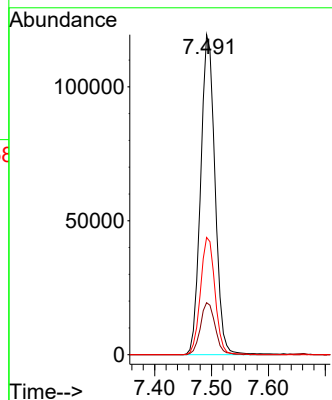
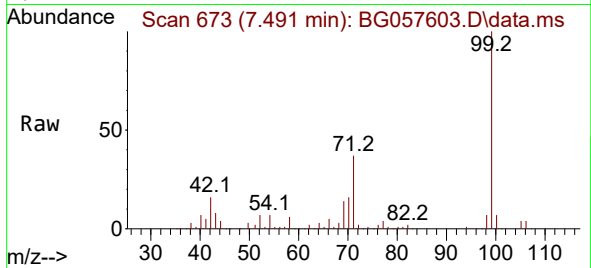




#7
Phenol-d6
Concen: 148.437 ng
RT: 7.491 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

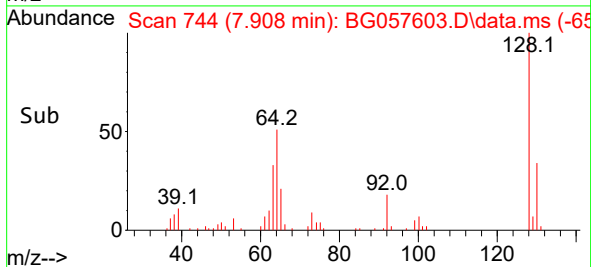
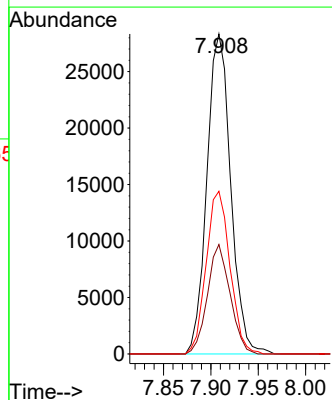
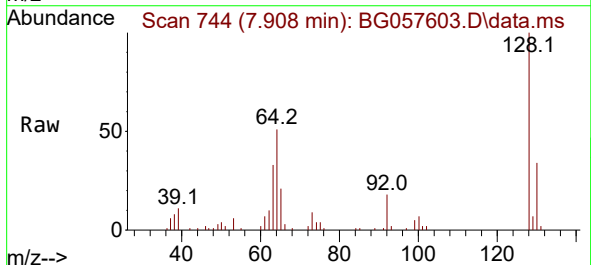
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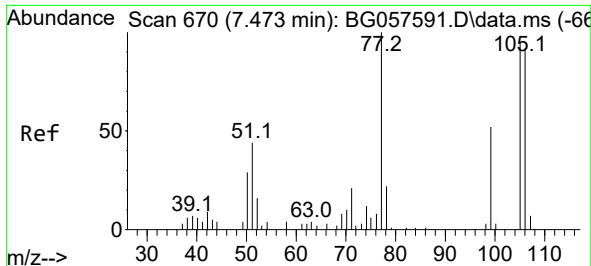
Tgt Ion: 99 Resp: 210132
Ion Ratio Lower Upper
99 100
42 16.2 12.8 19.2
71 36.6 30.3 45.5



#8
2-Chlorophenol
Concen: 51.023 ng
RT: 7.908 min Scan# 744
Delta R.T. 0.000 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

Tgt Ion:128 Resp: 49549
Ion Ratio Lower Upper
128 100
130 34.2 10.5 50.5
64 50.8 33.8 73.8

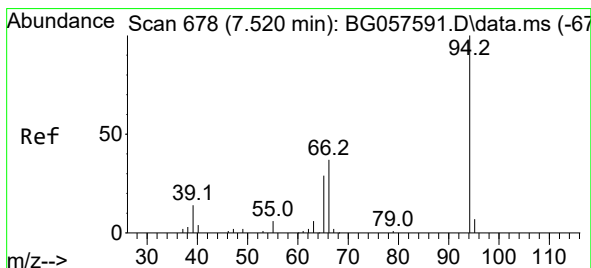
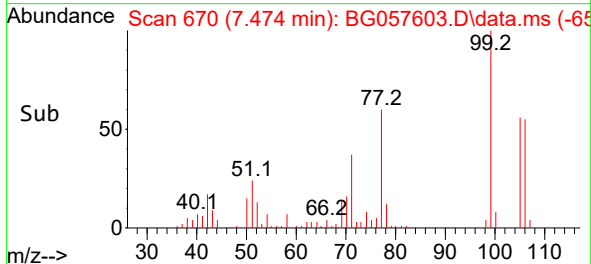
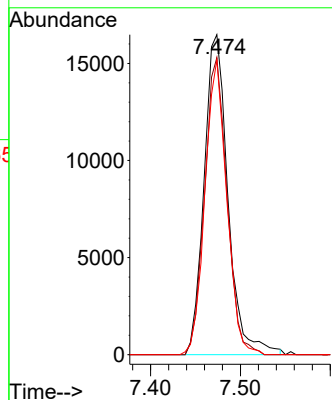
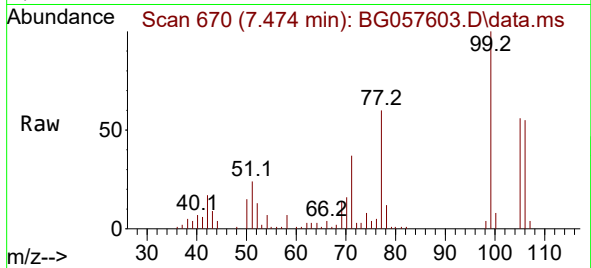




#9
Benzaldehyde
Concen: 32.462 ng
RT: 7.474 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

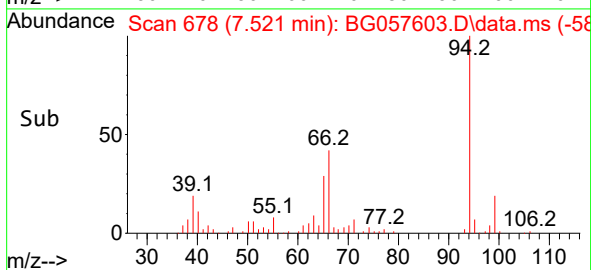
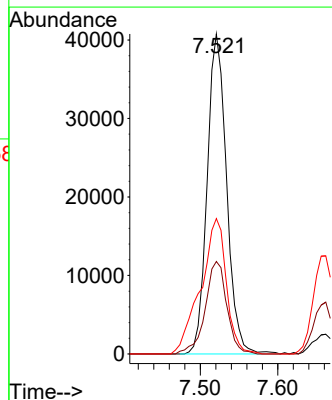
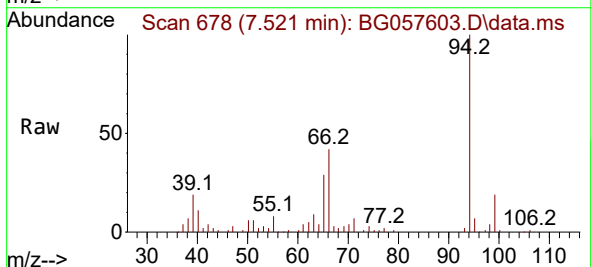
Instrument :
BNA_G
ClientSampleId :
PB153018BSD

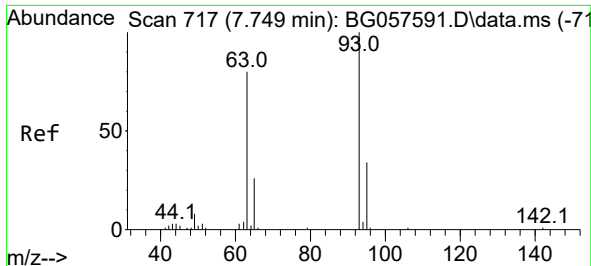
Tgt Ion: 77 Resp: 30446
Ion Ratio Lower Upper
77 100
105 92.8 75.0 115.0
106 92.2 72.5 112.5



#10
Phenol
Concen: 52.880 ng
RT: 7.521 min Scan# 678
Delta R.T. 0.001 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

Tgt Ion: 94 Resp: 70852
Ion Ratio Lower Upper
94 100
65 28.9 9.6 49.6
66 42.3 22.0 62.0

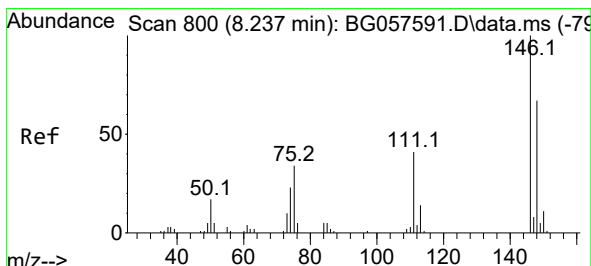
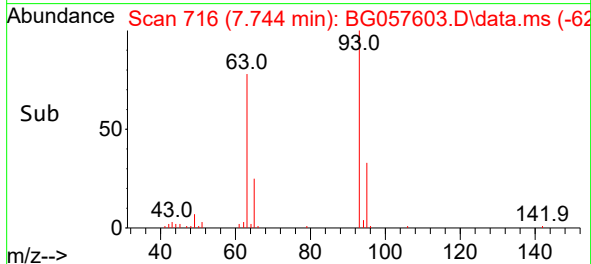
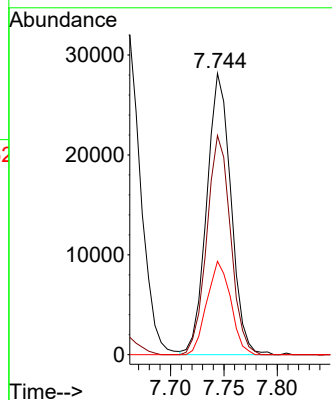
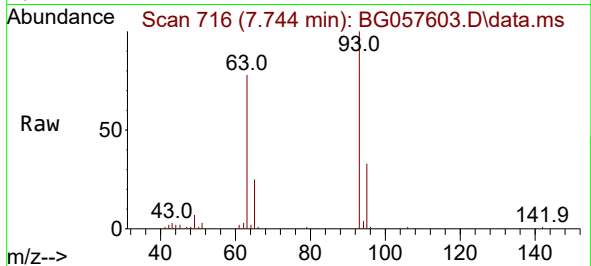




#11
bis(2-Chloroethyl)ether
Concen: 44.514 ng
RT: 7.744 min Scan# 717
Delta R.T. -0.005 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

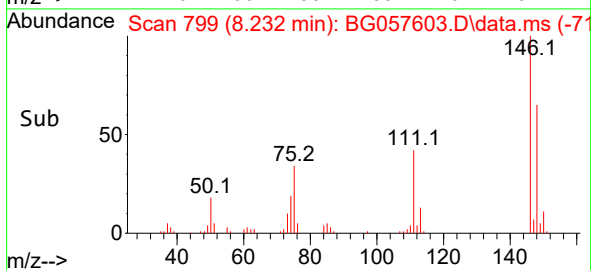
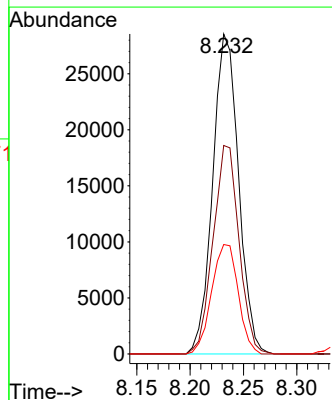
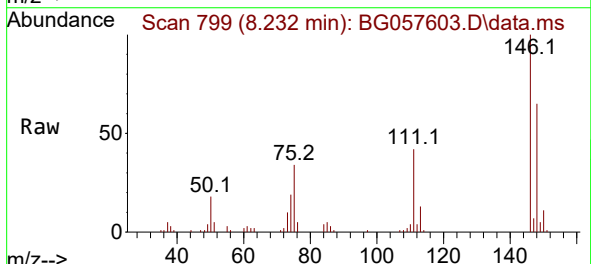
Instrument :
BNA_G
ClientSampleId :
PB153018BSD

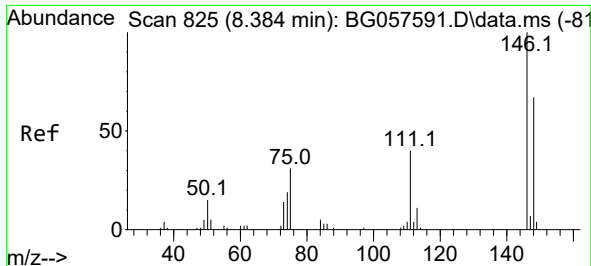
Tgt Ion: 93 Resp: 44535
Ion Ratio Lower Upper
93 100
63 77.9 59.3 99.3
95 33.2 14.1 54.1



#12
1,3-Dichlorobenzene
Concen: 46.526 ng
RT: 8.232 min Scan# 799
Delta R.T. -0.005 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

Tgt Ion: 146 Resp: 48136
Ion Ratio Lower Upper
146 100
148 65.1 53.4 80.0
75 34.2 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 46.147 ng

RT: 8.378 min Scan# 81

Delta R.T. -0.005 min

Lab File: BG057603.D

Acq: 27 May 2023 4:07

Instrument :

BNA_G

ClientSampleId :

PB153018BSD

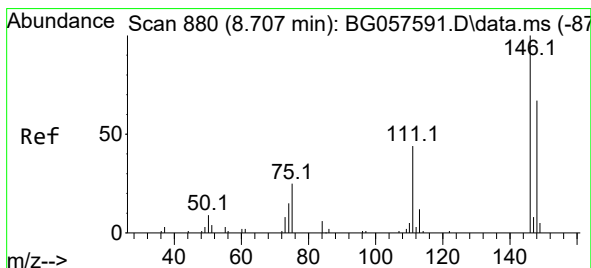
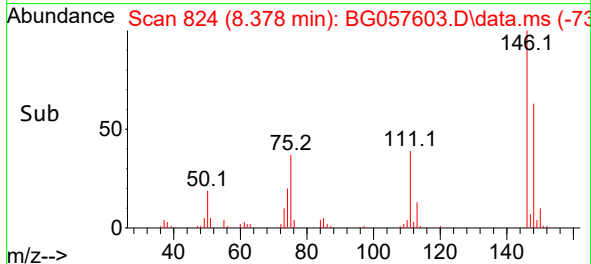
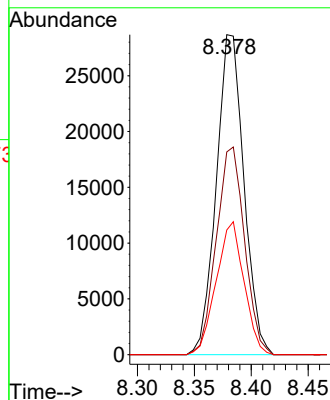
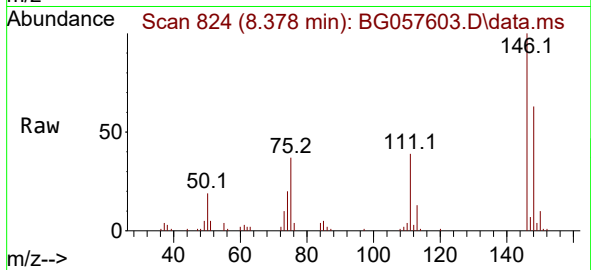
Tgt Ion:146 Resp: 48572

Ion Ratio Lower Upper

146 100

148 63.4 53.8 80.6

111 39.0 31.9 47.9



#14

1,2-Dichlorobenzene

Concen: 46.774 ng

RT: 8.707 min Scan# 880

Delta R.T. 0.000 min

Lab File: BG057603.D

Acq: 27 May 2023 4:07

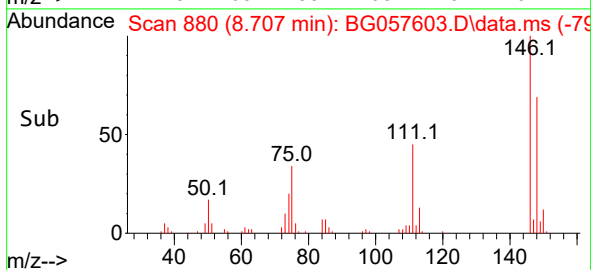
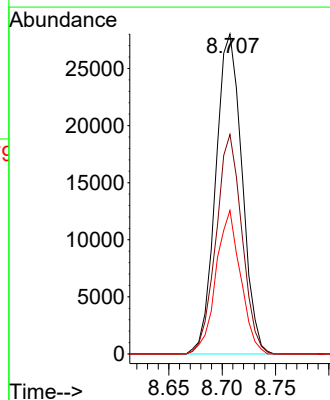
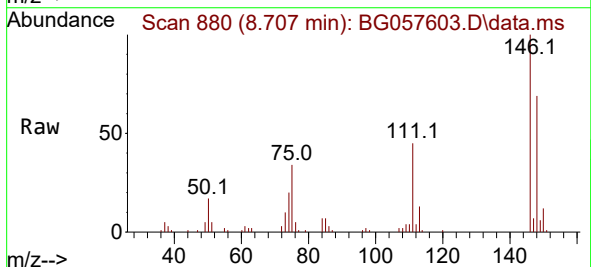
Tgt Ion:146 Resp: 48021

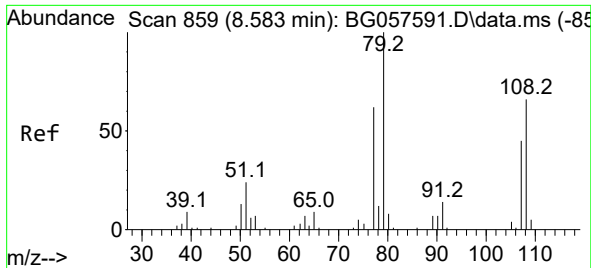
Ion Ratio Lower Upper

146 100

148 68.6 53.5 80.3

111 44.9 36.6 54.8

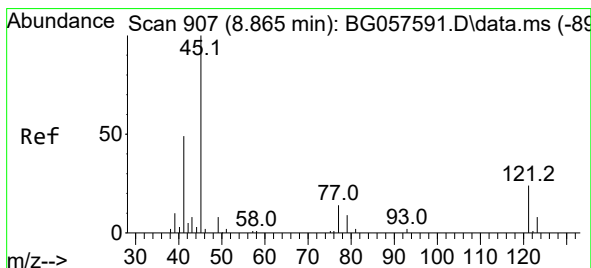
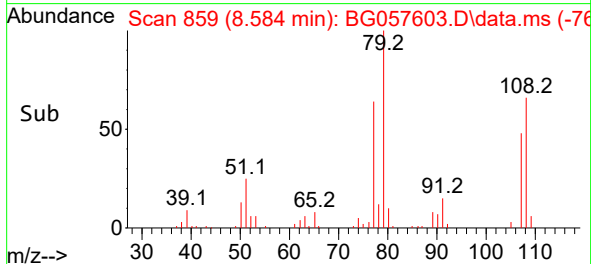
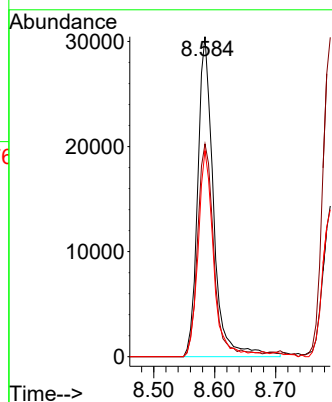
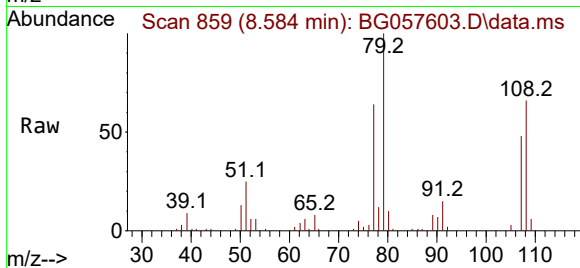




#15
Benzyl Alcohol
Concen: 50.317 ng
RT: 8.584 min Scan# 859
Delta R.T. 0.001 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

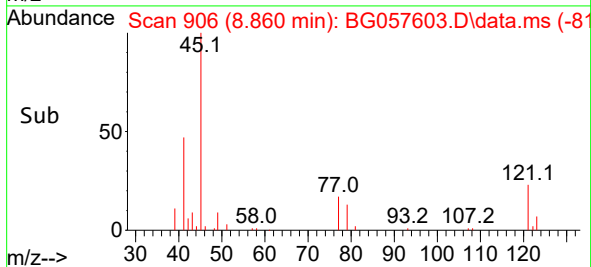
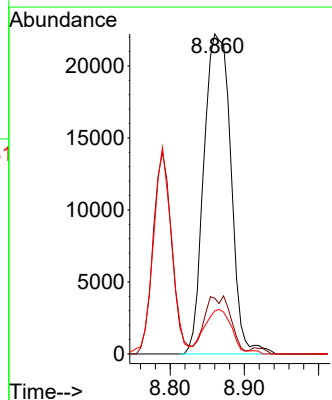
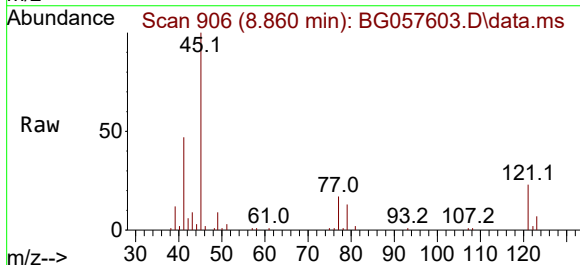
Instrument :
BNA_G
ClientSampleId :
PB153018BSD

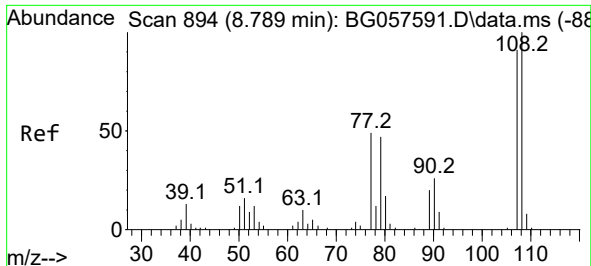
Tgt Ion: 79 Resp: 54793
Ion Ratio Lower Upper
79 100
108 66.5 52.6 78.8
77 64.4 49.7 74.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.191 ng
RT: 8.860 min Scan# 906
Delta R.T. -0.005 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

Tgt Ion: 45 Resp: 56140
Ion Ratio Lower Upper
45 100
77 17.4 0.0 39.2
79 13.5 0.0 34.2

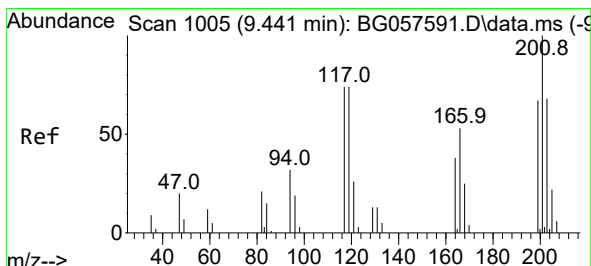
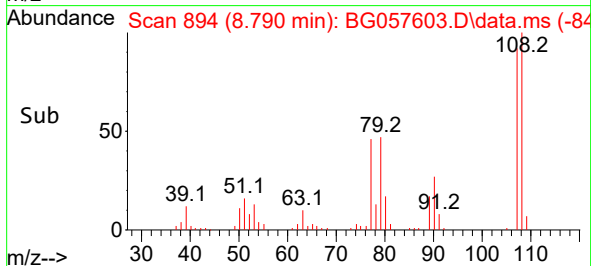
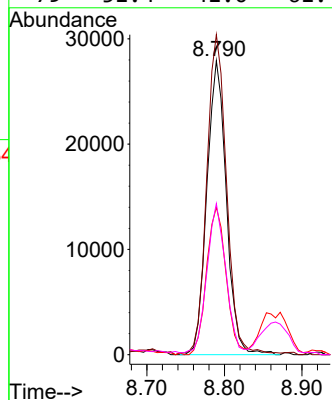
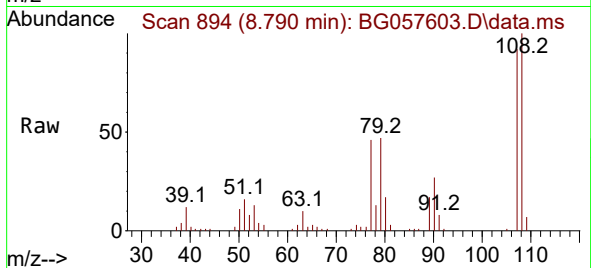




#17
2-Methylphenol
Concen: 49.582 ng
RT: 8.790 min Scan# 894
Delta R.T. 0.001 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

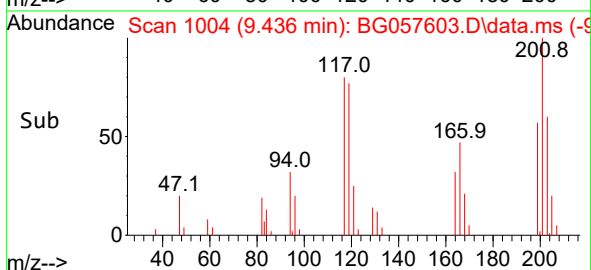
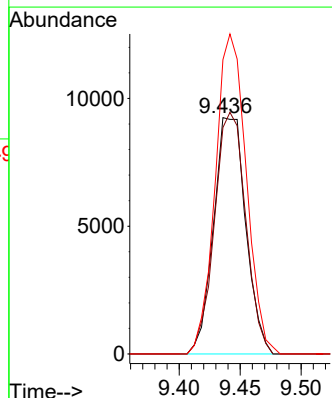
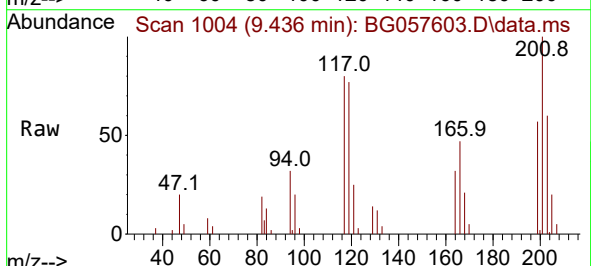
Instrument :
BNA_G
ClientSampleId :
PB153018BSD

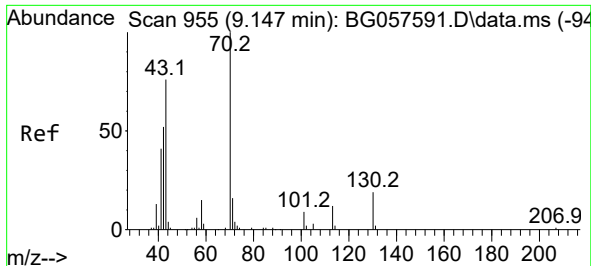
Tgt Ion:	107	Resp:	48786
Ion	Ratio	Lower	Upper
107	100		
108	108.9	87.7	131.5
77	50.1	43.0	64.6
79	51.4	41.0	61.4



#18
Hexachloroethane
Concen: 47.252 ng
RT: 9.436 min Scan# 1004
Delta R.T. -0.005 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

Tgt Ion:	117	Resp:	17030
Ion	Ratio	Lower	Upper
117	100		
119	95.8	80.6	121.0
201	124.5	108.8	163.2





#19

n-Nitroso-di-n-propylamine

Concen: 44.821 ng

RT: 9.148 min Scan# 91

Delta R.T. 0.001 min

Lab File: BG057603.D

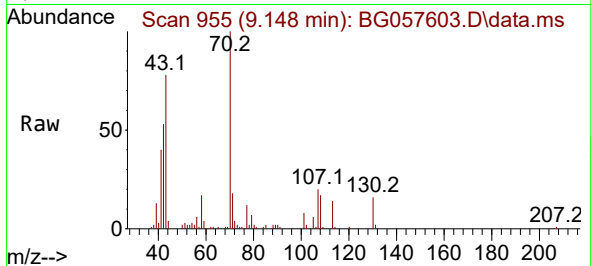
Acq: 27 May 2023 4:07

Instrument :

BNA_G

ClientSampleId :

PB153018BSD



Tgt Ion: 70 Resp: 44081

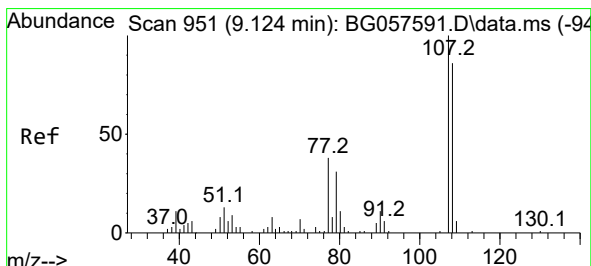
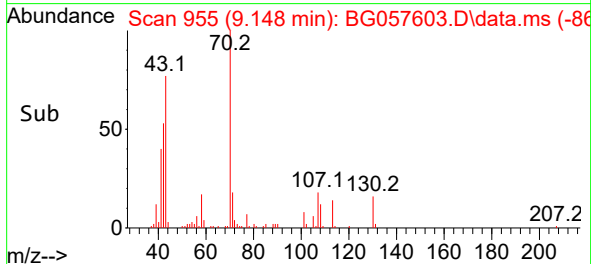
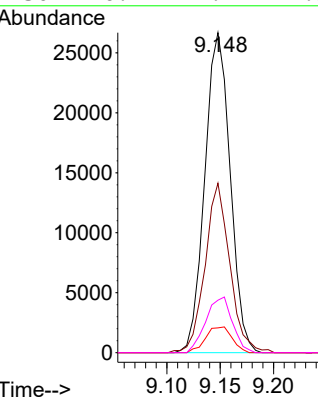
Ion Ratio Lower Upper

70 100

42 53.0 41.4 62.0

101 7.8 6.9 10.3

130 16.4 14.9 22.3



#20

3+4-Methylphenols

Concen: 48.384 ng

RT: 9.119 min Scan# 950

Delta R.T. -0.005 min

Lab File: BG057603.D

Acq: 27 May 2023 4:07

Tgt Ion: 107 Resp: 66830

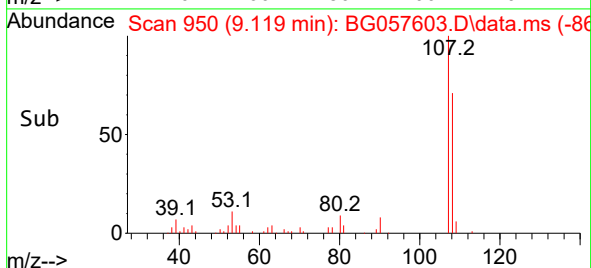
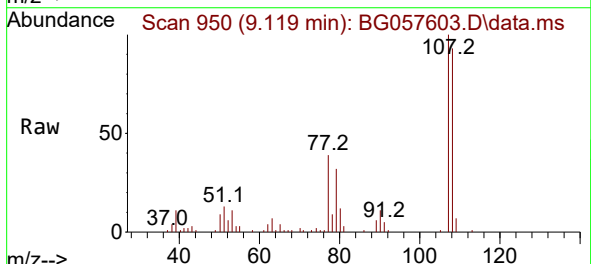
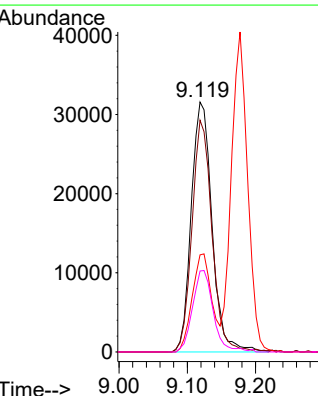
Ion Ratio Lower Upper

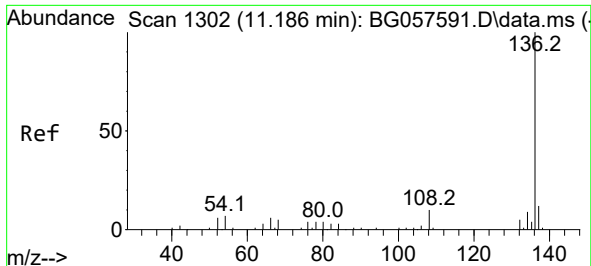
107 100

108 92.7 65.6 105.6

77 38.9 18.0 58.0

79 32.4 11.1 51.1

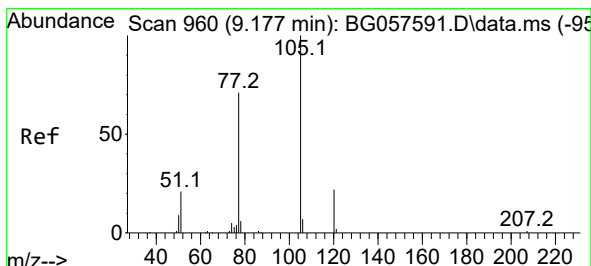
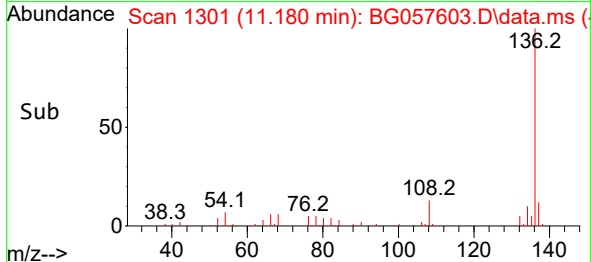
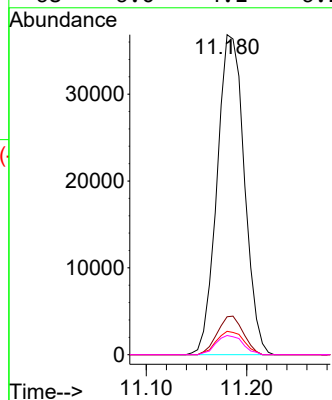
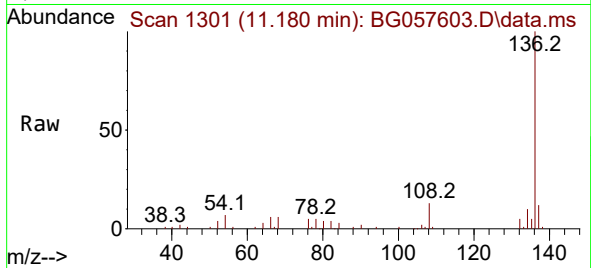




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.180 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

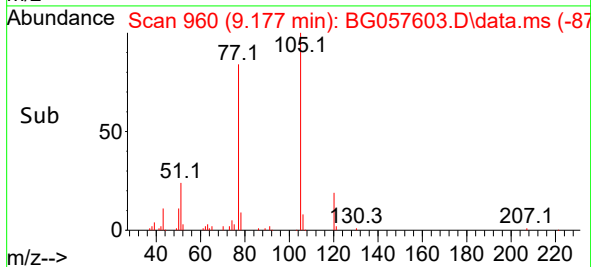
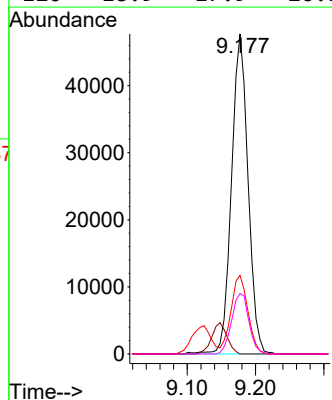
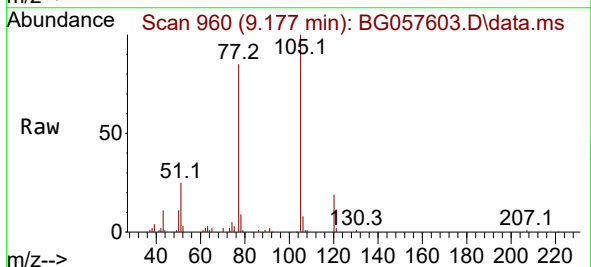
Instrument :
BNA_G
ClientSampleId :
PB153018BSD

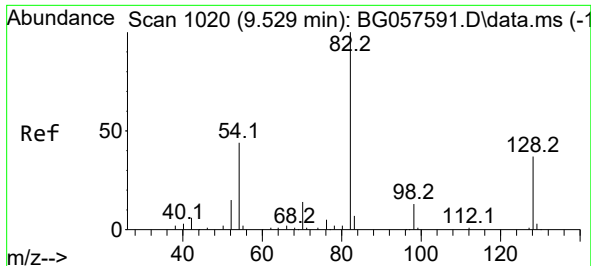
Tgt Ion:136 Resp: 69479
Ion Ratio Lower Upper
136 100
137 11.9 9.8 14.8
54 7.3 5.8 8.6
68 6.0 4.1 6.1



#22
Acetophenone
Concen: 43.288 ng
RT: 9.177 min Scan# 960
Delta R.T. 0.001 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

Tgt Ion:105 Resp: 80423
Ion Ratio Lower Upper
105 100
71 0.0 0.0 0.0
51 24.5 20.7 31.1
120 18.9 17.9 26.9





#23

Nitrobenzene-d5

Concen: 85.581 ng

RT: 9.524 min Scan# 1020

Delta R.T. -0.005 min

Lab File: BG057603.D

Acq: 27 May 2023 4:07

Instrument :

BNA_G

ClientSampleId :

PB153018BSD

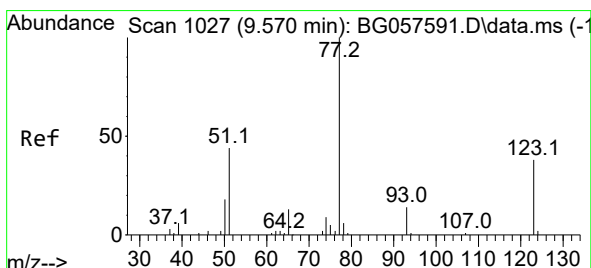
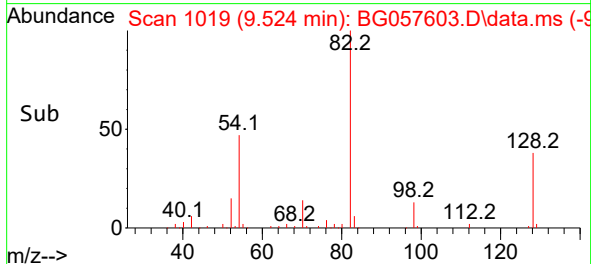
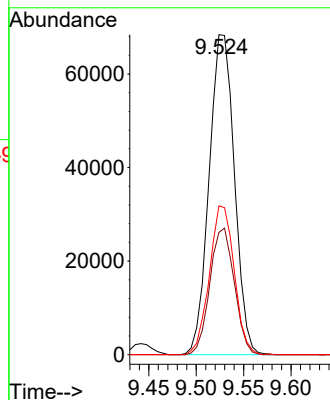
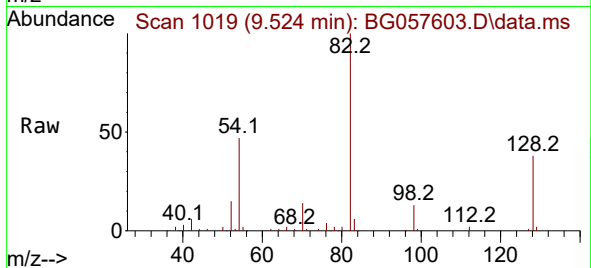
Tgt Ion: 82 Resp: 127199

Ion Ratio Lower Upper

82 100

128 38.2 30.0 45.0

54 46.5 35.2 52.8



#24

Nitrobenzene

Concen: 41.925 ng

RT: 9.571 min Scan# 1027

Delta R.T. 0.001 min

Lab File: BG057603.D

Acq: 27 May 2023 4:07

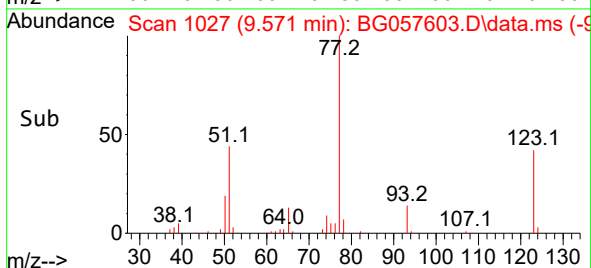
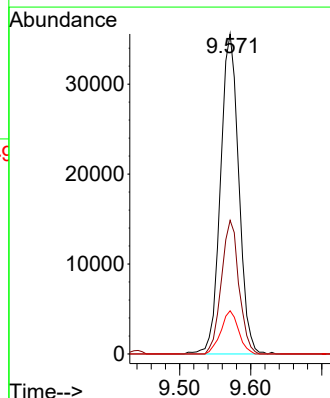
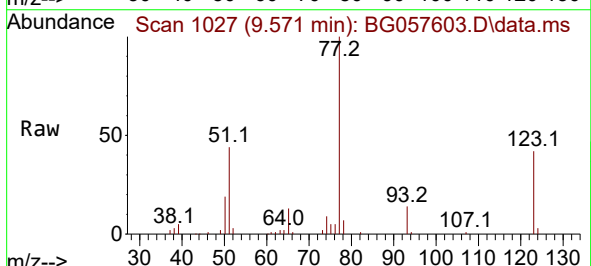
Tgt Ion: 77 Resp: 63253

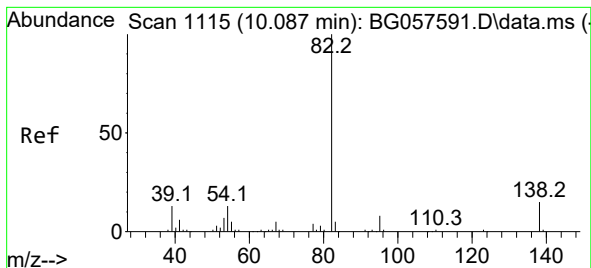
Ion Ratio Lower Upper

77 100

123 41.8 30.6 46.0

65 13.5 10.2 15.4





#25

Isophorone

Concen: 41.245 ng

RT: 10.088 min Scan# 1115

Delta R.T. 0.001 min

Lab File: BG057603.D

Acq: 27 May 2023 4:07

Instrument :

BNA_G

ClientSampleId :

PB153018BSD

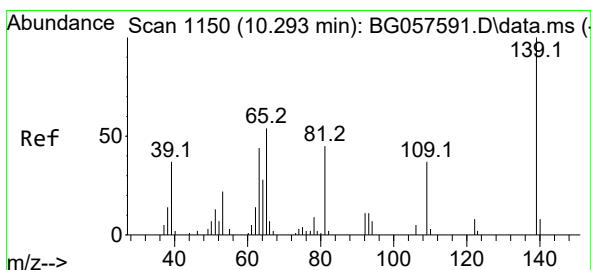
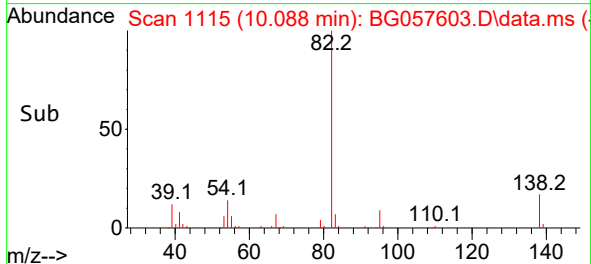
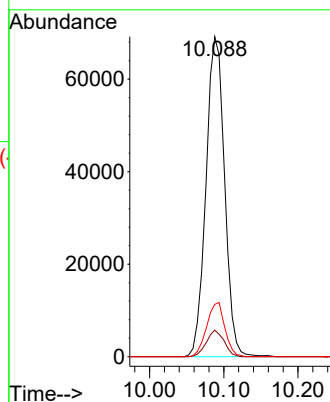
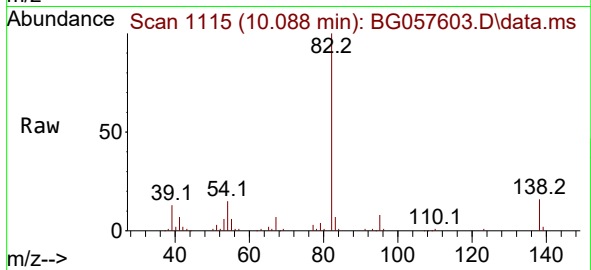
Tgt Ion: 82 Resp: 120494

Ion Ratio Lower Upper

82 100

95 8.3 6.3 9.5

138 16.3 12.0 18.0



#26

2-Nitrophenol

Concen: 44.532 ng

RT: 10.288 min Scan# 1149

Delta R.T. -0.005 min

Lab File: BG057603.D

Acq: 27 May 2023 4:07

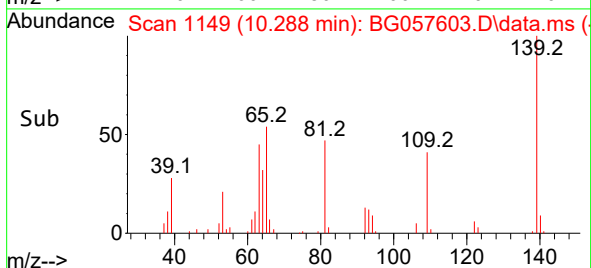
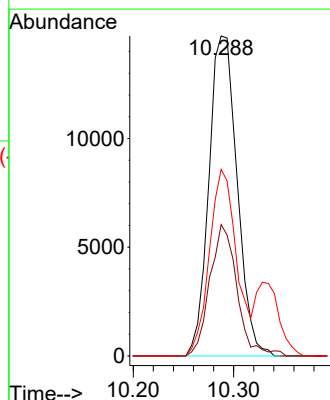
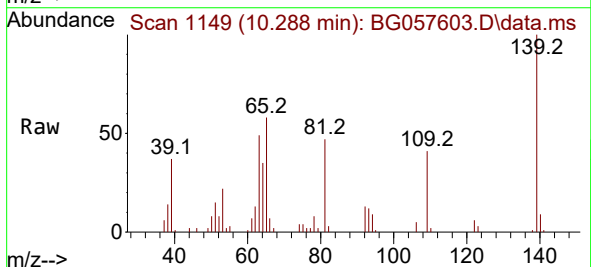
Tgt Ion:139 Resp: 28807

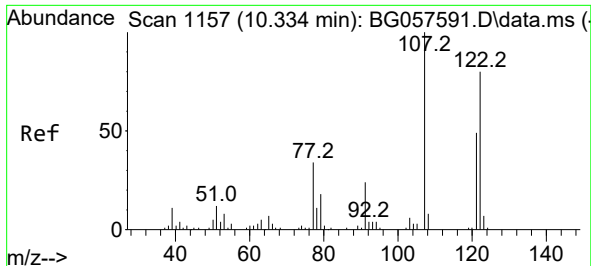
Ion Ratio Lower Upper

139 100

109 41.0 29.5 44.3

65 58.3 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 49.025 ng

RT: 10.335 min Scan# 1157

Delta R.T. 0.001 min

Lab File: BG057603.D

Acq: 27 May 2023 4:07

Instrument :

BNA_G

ClientSampleId :

PB153018BSD

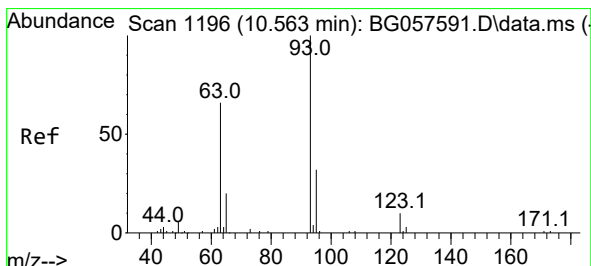
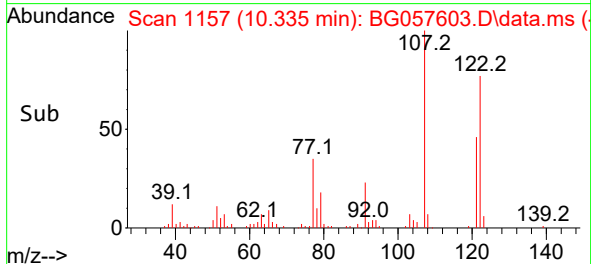
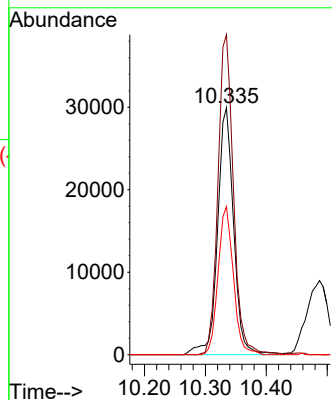
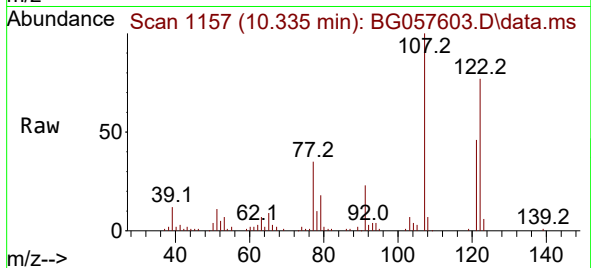
Tgt Ion:122 Resp: 54829

Ion Ratio Lower Upper

122 100

107 129.5 99.4 149.2

121 59.9 48.4 72.6



#28

bis(2-Chloroethoxy)methane

Concen: 44.146 ng

RT: 10.564 min Scan# 1196

Delta R.T. 0.001 min

Lab File: BG057603.D

Acq: 27 May 2023 4:07

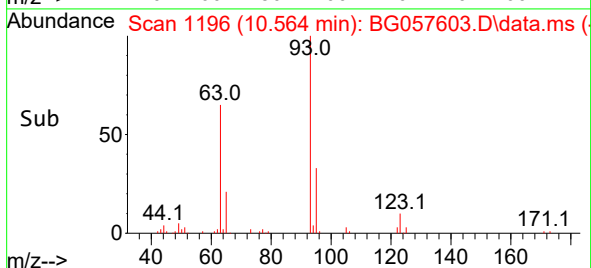
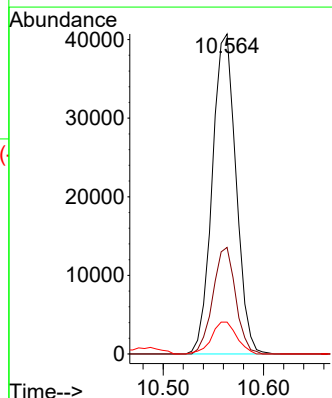
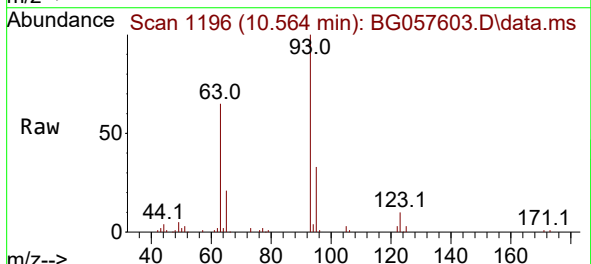
Tgt Ion: 93 Resp: 66875

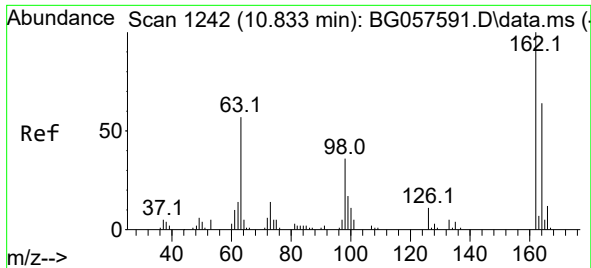
Ion Ratio Lower Upper

93 100

95 33.3 25.3 37.9

123 9.9 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 49.105 ng

RT: 10.834 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG057603.D

Acq: 27 May 2023 4:07

Instrument :

BNA_G

ClientSampleId :

PB153018BSD

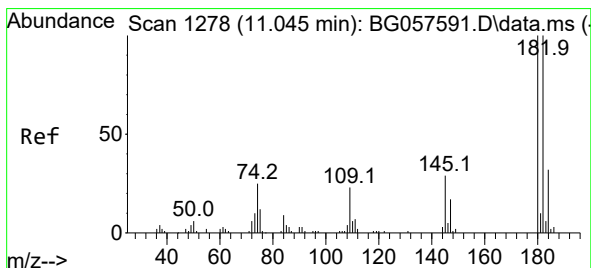
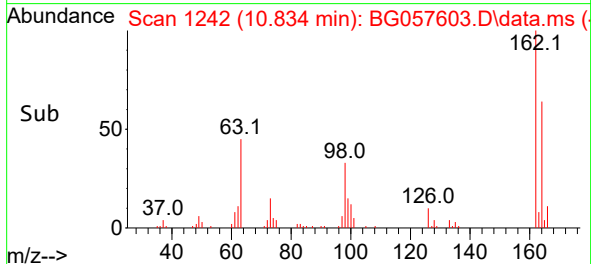
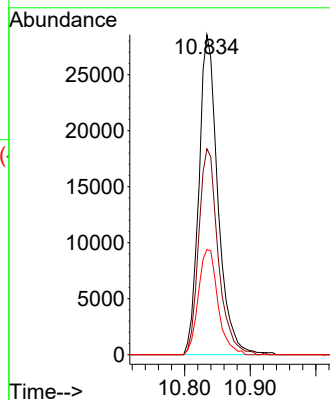
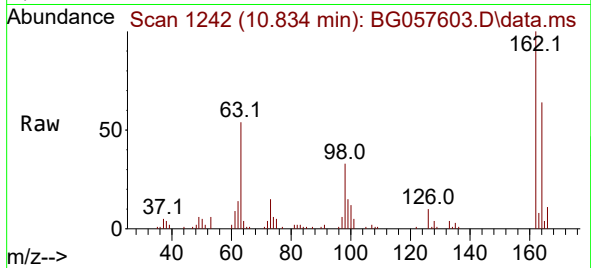
Tgt Ion:162 Resp: 57681

Ion Ratio Lower Upper

162 100

164 64.4 44.1 84.1

98 32.8 16.3 56.3



#30

1,2,4-Trichlorobenzene

Concen: 43.361 ng

RT: 11.039 min Scan# 1277

Delta R.T. -0.005 min

Lab File: BG057603.D

Acq: 27 May 2023 4:07

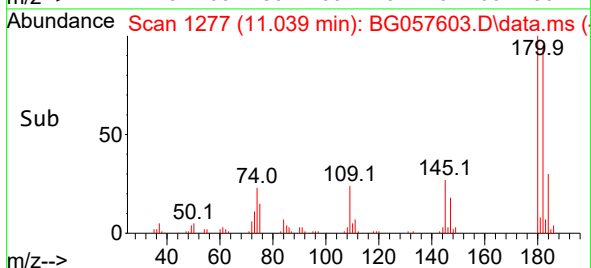
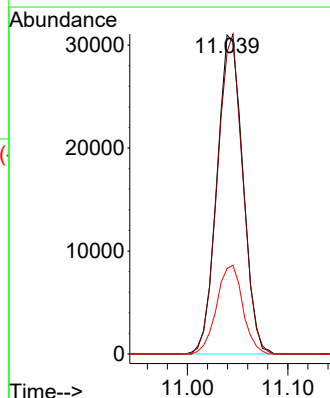
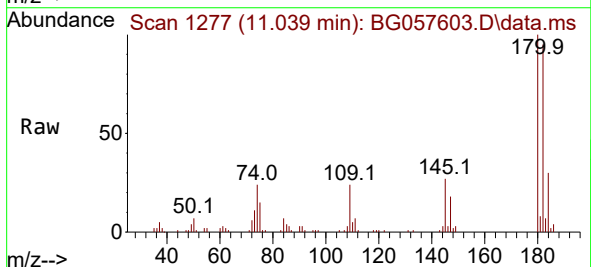
Tgt Ion:180 Resp: 55510

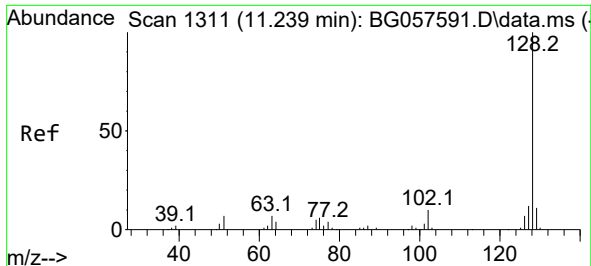
Ion Ratio Lower Upper

180 100

182 94.6 80.2 120.2

145 26.8 23.1 34.7

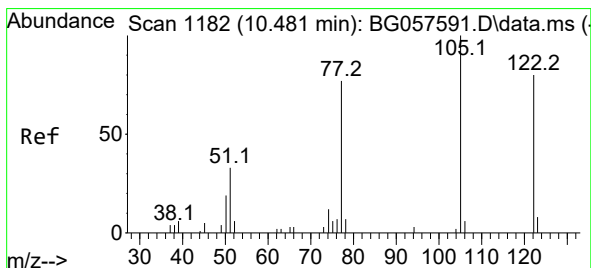
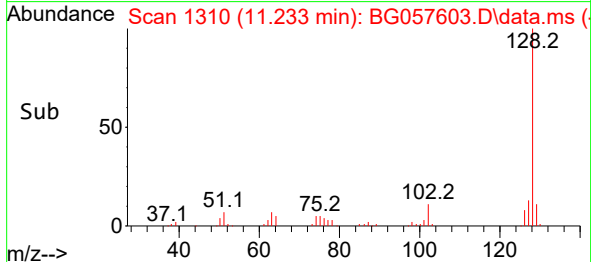
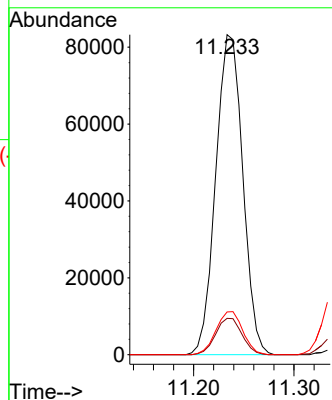
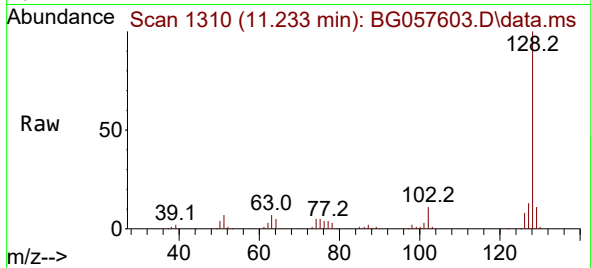




#31
Naphthalene
Concen: 42.328 ng
RT: 11.233 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

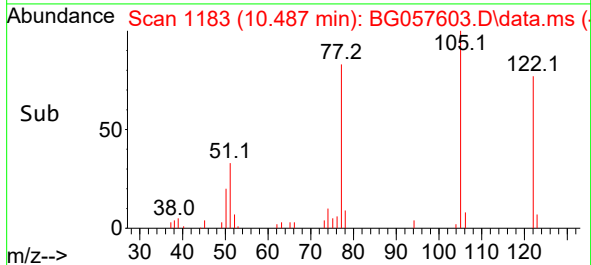
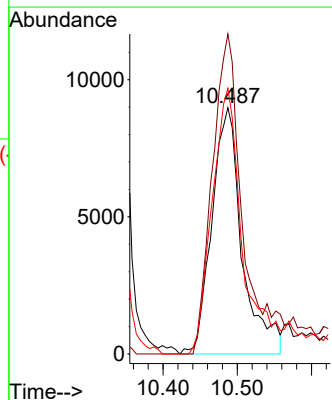
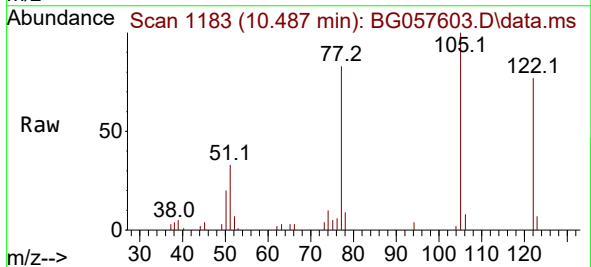
Instrument :
BNA_G
ClientSampleId :
PB153018BSD

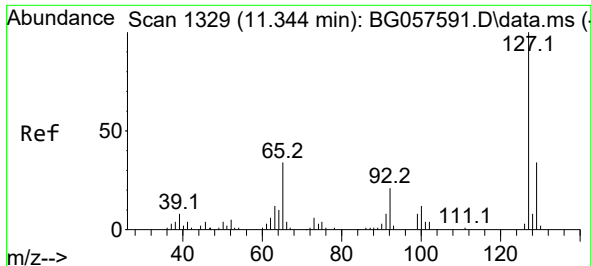
Tgt Ion:128 Resp: 155572
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.3 9.8 14.8



#32
Benzoic acid
Concen: 40.082 ng
RT: 10.487 min Scan# 1183
Delta R.T. 0.006 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

Tgt Ion:122 Resp: 25307
Ion Ratio Lower Upper
122 100
105 130.0 104.8 144.8
77 107.9 75.8 115.8

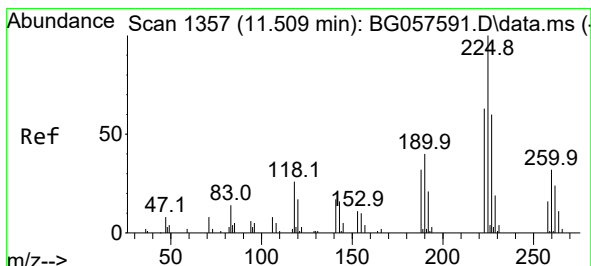
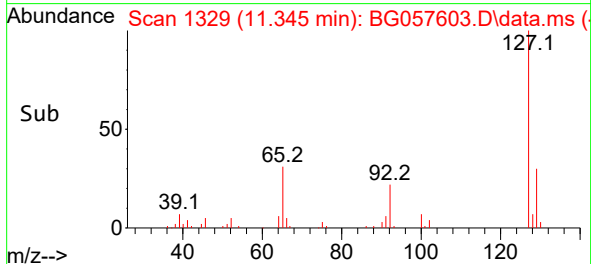
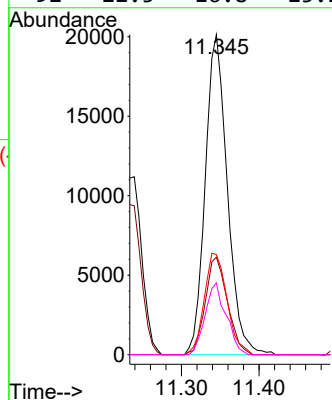
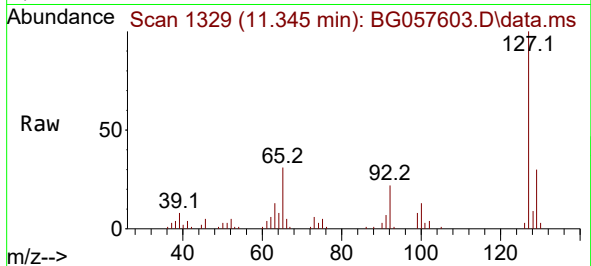




#33
4-Chloroaniline
Concen: 23.574 ng
RT: 11.345 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

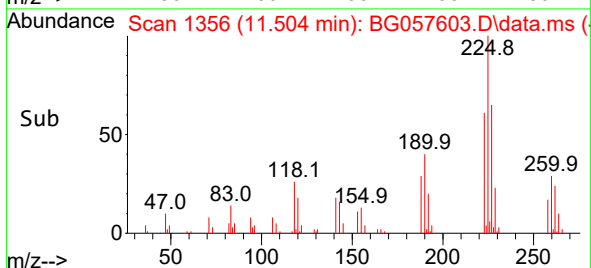
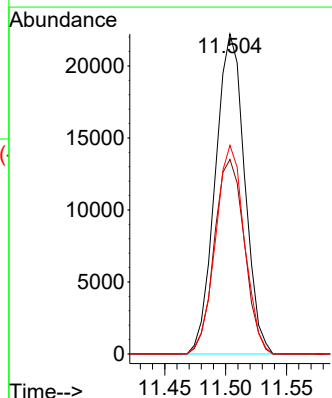
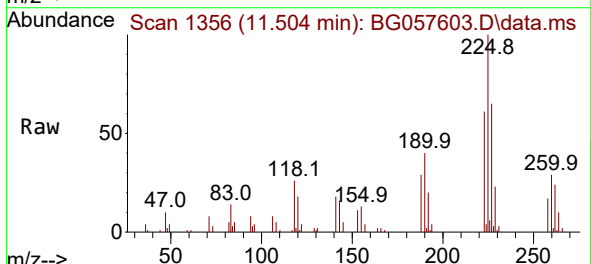
Instrument :
BNA_G
ClientSampleId :
PB153018BSD

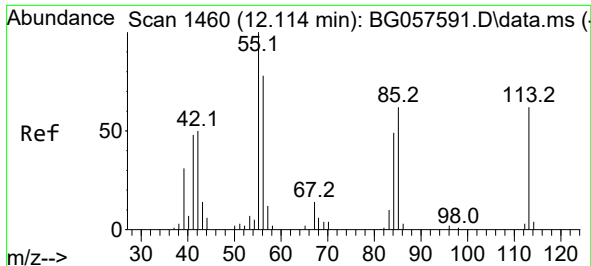
Tgt Ion:	127	Resp:	39844
Ion	Ratio	Lower	Upper
127	100		
129	30.5	26.9	40.3
65	31.3	27.3	40.9
92	22.5	16.8	25.2



#34
Hexachlorobutadiene
Concen: 41.937 ng
RT: 11.504 min Scan# 1356
Delta R.T. -0.005 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

Tgt Ion:	225	Resp:	37134
Ion	Ratio	Lower	Upper
225	100		
223	60.8	50.1	75.1
227	65.2	47.9	71.9

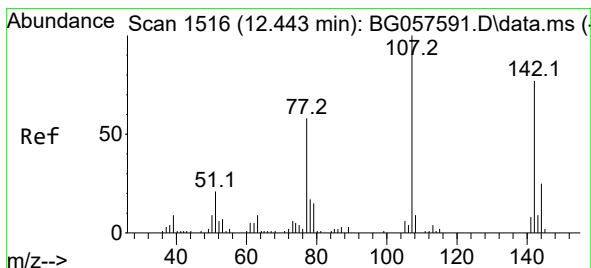
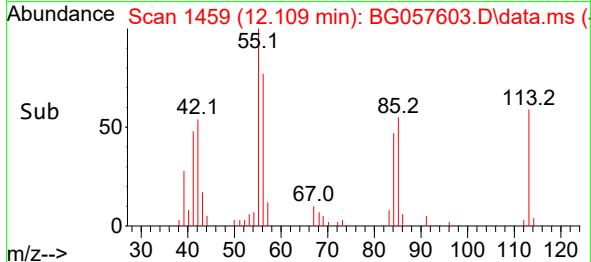
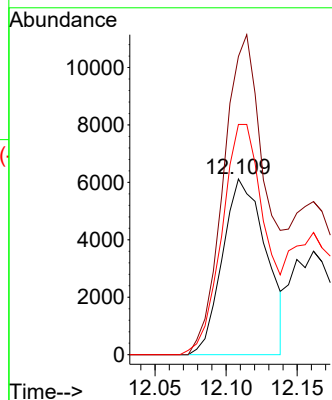
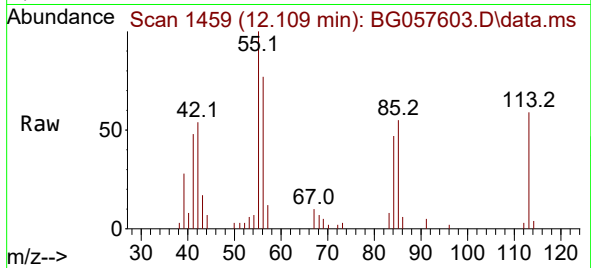




#35
 Caprolactam
 Concen: 26.732 ng
 RT: 12.109 min Scan# 1460
 Delta R.T. -0.005 min
 Lab File: BG057603.D
 Acq: 27 May 2023 4:07

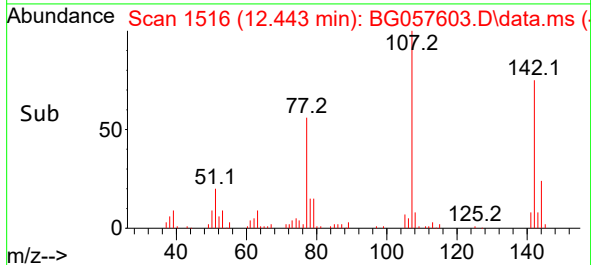
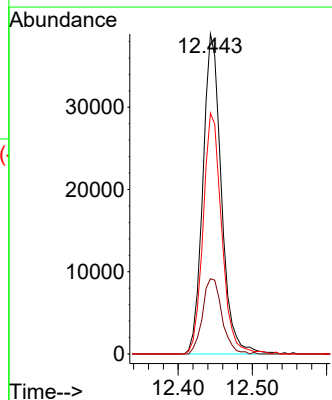
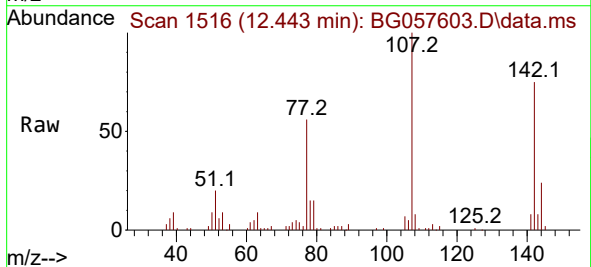
Instrument :
 BNA_G
 ClientSampleId :
 PB153018BSD

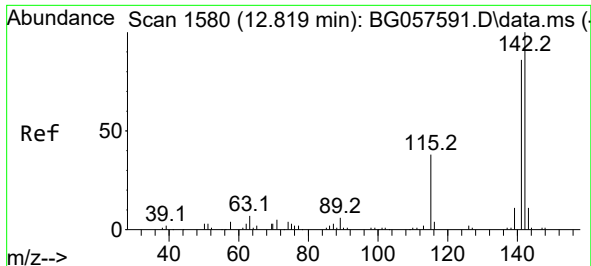
Tgt Ion:113 Resp: 13017
 Ion Ratio Lower Upper
 113 100
 55 169.8 140.9 180.9
 56 131.1 105.9 145.9



#36
 4-Chloro-3-methylphenol
 Concen: 48.597 ng
 RT: 12.443 min Scan# 1516
 Delta R.T. 0.001 min
 Lab File: BG057603.D
 Acq: 27 May 2023 4:07

Tgt Ion:107 Resp: 67569
 Ion Ratio Lower Upper
 107 100
 144 23.5 19.7 29.5
 142 75.3 61.6 92.4

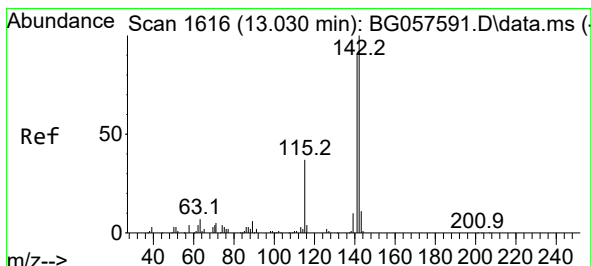
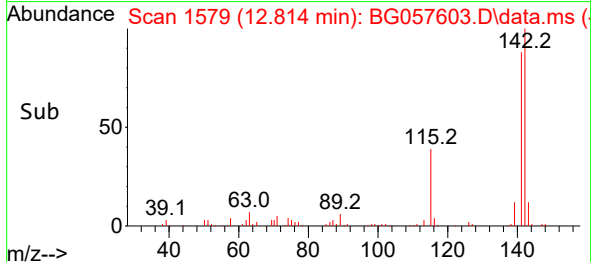
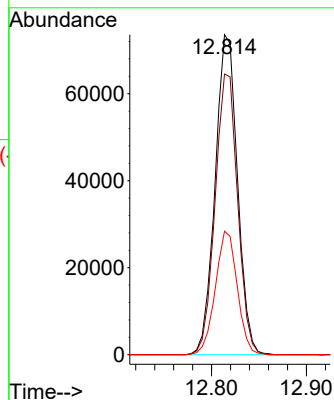
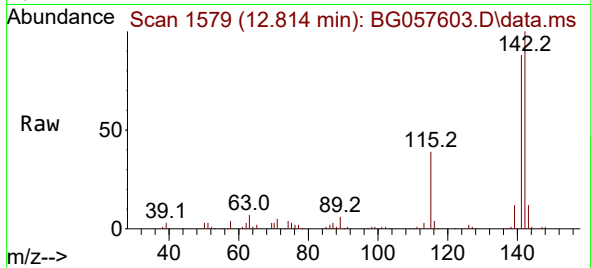




#37
2-Methylnaphthalene
Concen: 41.848 ng
RT: 12.814 min Scan# 1579
Delta R.T. -0.005 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

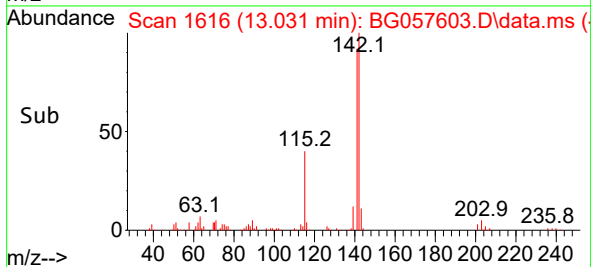
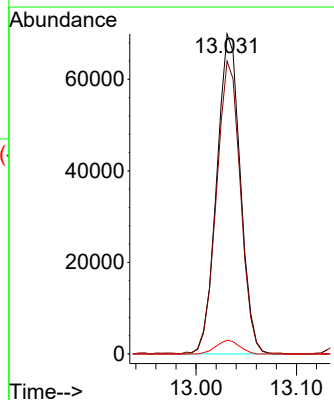
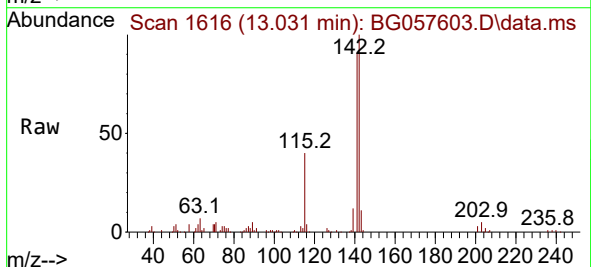
Instrument :
BNA_G
ClientSampleId :
PB153018BSD

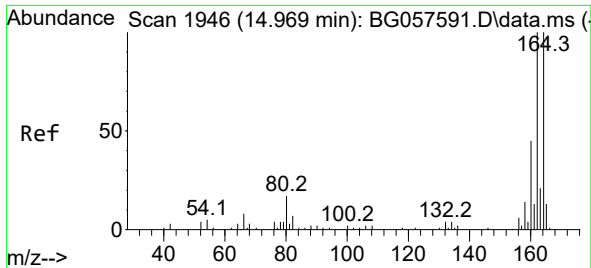
Tgt Ion:142 Resp: 120716
Ion Ratio Lower Upper
142 100
141 87.7 68.6 103.0
115 38.6 30.4 45.6



#38
1-Methylnaphthalene
Concen: 41.346 ng
RT: 13.031 min Scan# 1616
Delta R.T. 0.001 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

Tgt Ion:142 Resp: 113815
Ion Ratio Lower Upper
142 100
141 91.5 72.1 108.1
116 4.3 3.4 5.2

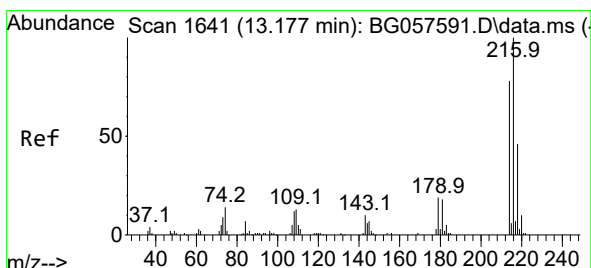
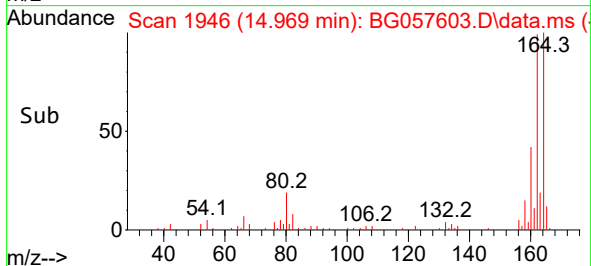
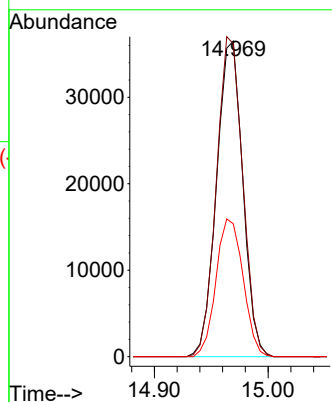
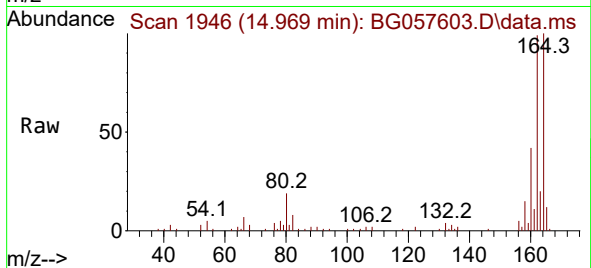




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.969 min Scan# 1946
Delta R.T. 0.001 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

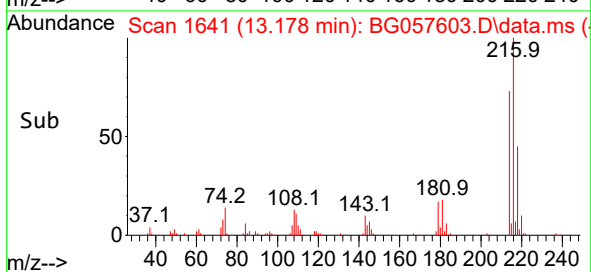
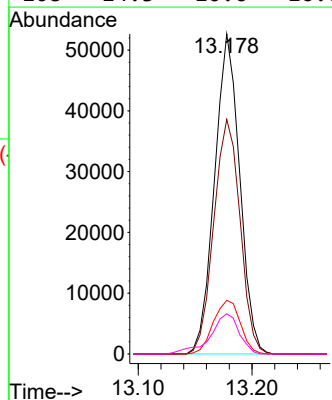
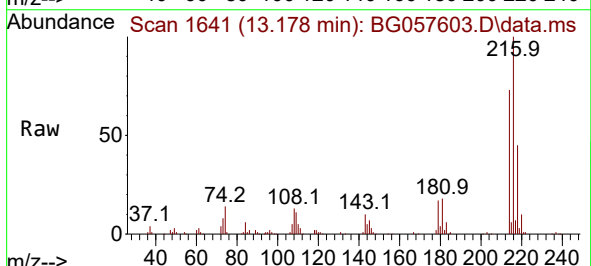
Instrument :
BNA_G
ClientSampleId :
PB153018BSD

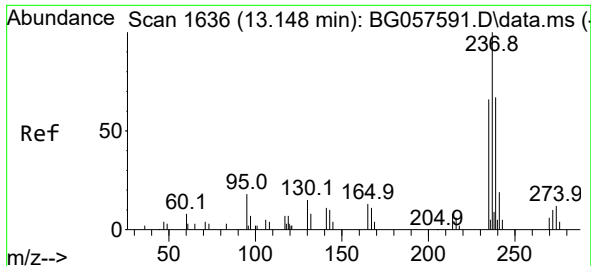
Tgt Ion:164 Resp: 58256
Ion Ratio Lower Upper
164 100
162 99.1 80.1 120.1
160 42.1 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.205 ng
RT: 13.178 min Scan# 1641
Delta R.T. 0.001 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

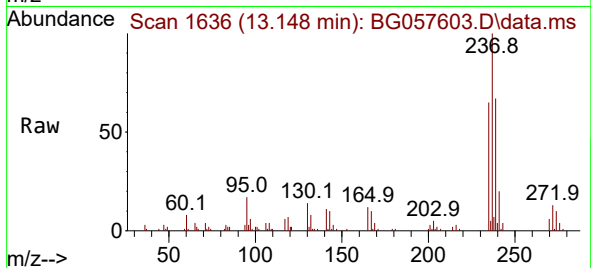
Tgt Ion:216 Resp: 80702
Ion Ratio Lower Upper
216 100
214 76.5 63.0 94.6
179 18.1 15.0 22.6
108 14.3 10.6 16.0



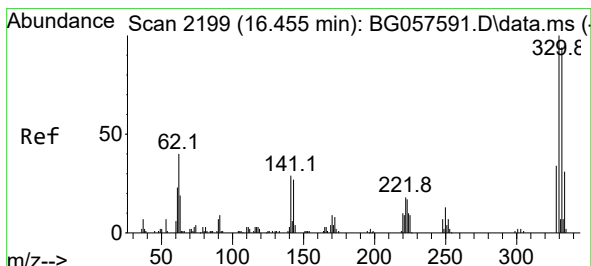
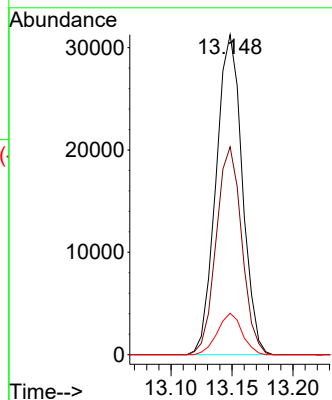
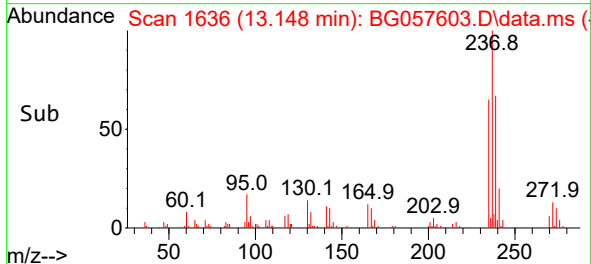


#41
Hexachlorocyclopentadiene
Concen: 89.527 ng
RT: 13.148 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

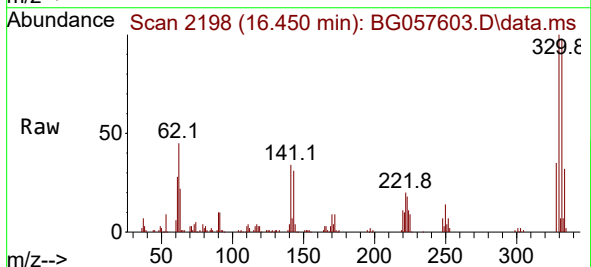
Instrument :
BNA_G
ClientSampleId :
PB153018BSD



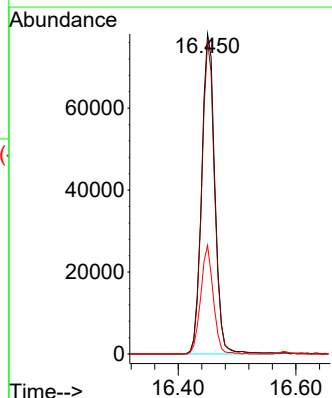
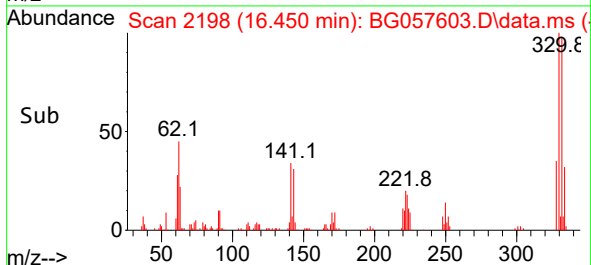
Tgt Ion:237 Resp: 46690
Ion Ratio Lower Upper
237 100
235 64.9 45.7 85.7
272 12.9 0.0 30.1

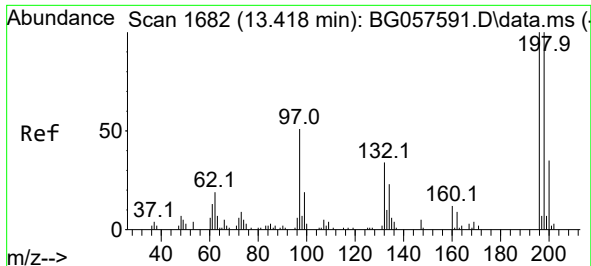


#42
2,4,6-Tribromophenol
Concen: 130.347 ng
RT: 16.450 min Scan# 2198
Delta R.T. -0.005 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07



Tgt Ion:330 Resp: 121574
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 32.1 24.6 37.0

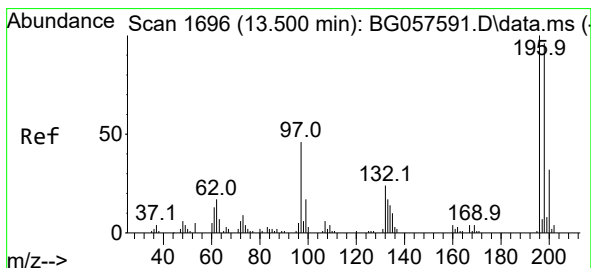
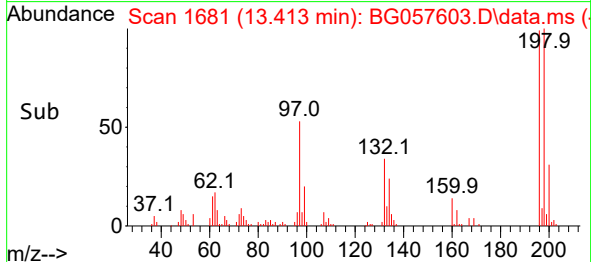
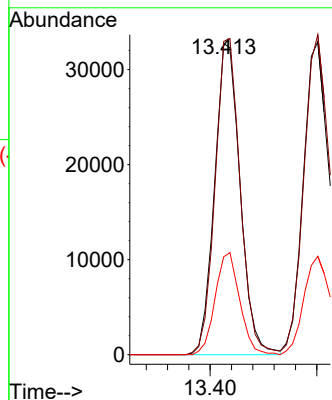
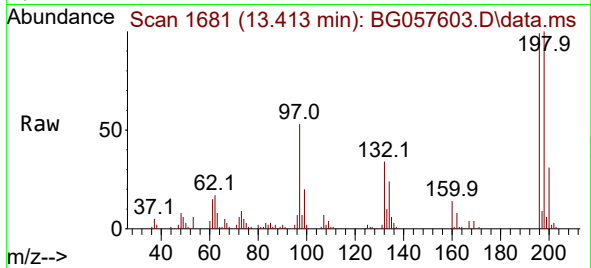




#43
2,4,6-Trichlorophenol
Concen: 45.340 ng
RT: 13.413 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

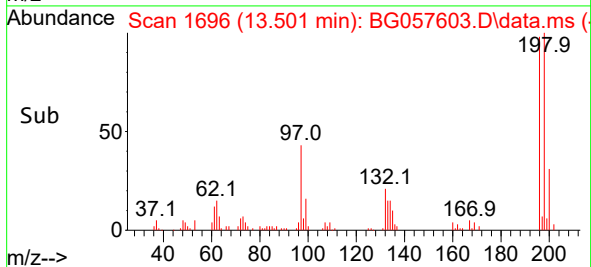
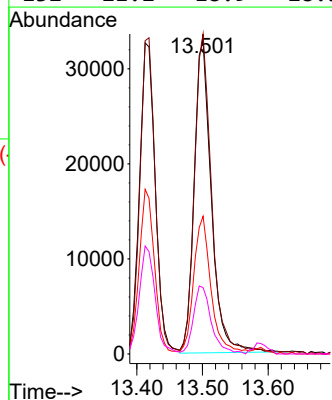
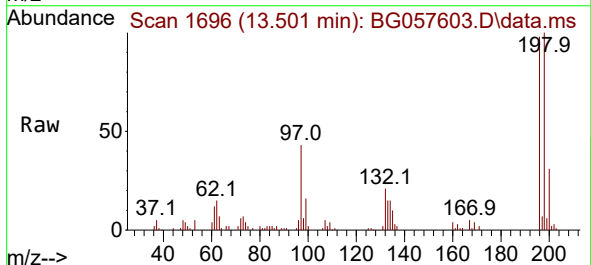
Instrument :
BNA_G
ClientSampleId :
PB153018BSD

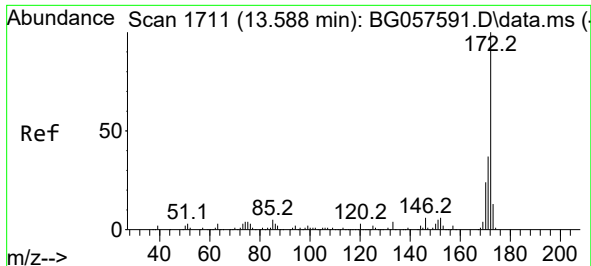
Tgt Ion:196 Resp: 54581
Ion Ratio Lower Upper
196 100
198 100.7 79.6 119.4
200 31.5 28.2 42.2



#44
2,4,5-Trichlorophenol
Concen: 41.832 ng
RT: 13.501 min Scan# 1696
Delta R.T. 0.001 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

Tgt Ion:196 Resp: 59976
Ion Ratio Lower Upper
196 100
198 102.2 76.9 115.3
97 44.0 36.6 55.0
132 21.2 18.9 28.3

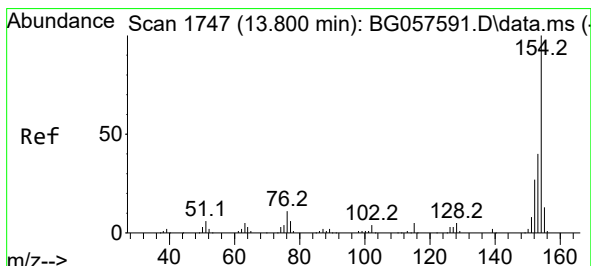
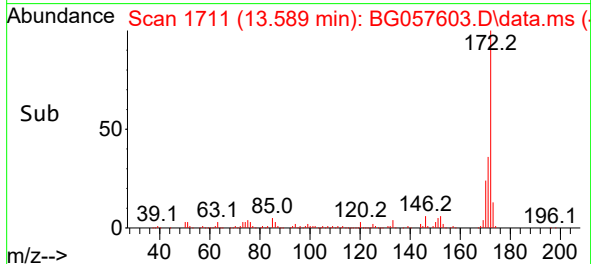
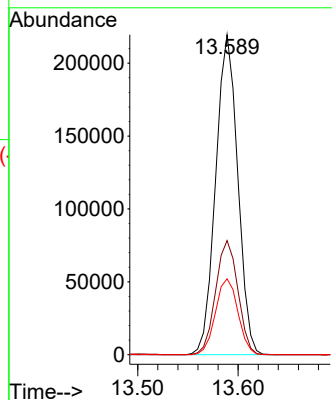
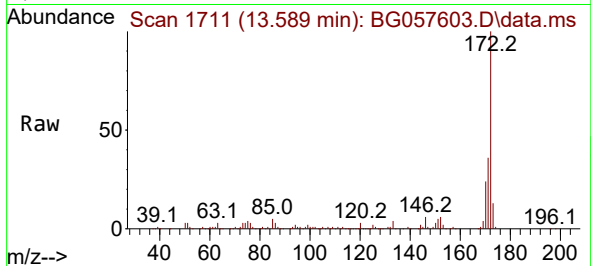




#45
2-Fluorobiphenyl
Concen: 82.545 ng
RT: 13.589 min Scan# 1711
Delta R.T. 0.001 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

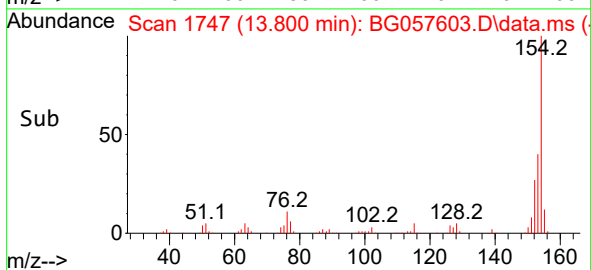
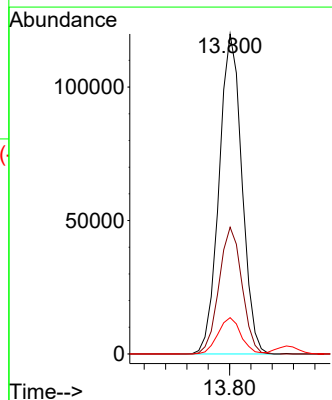
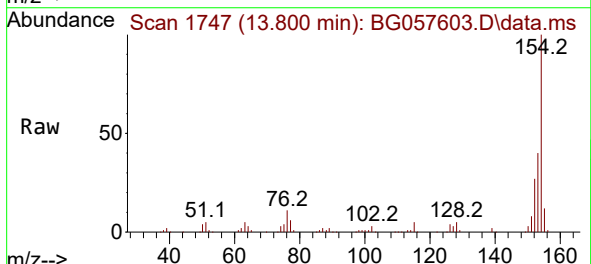
Instrument :
BNA_G
ClientSampleId :
PB153018BSD

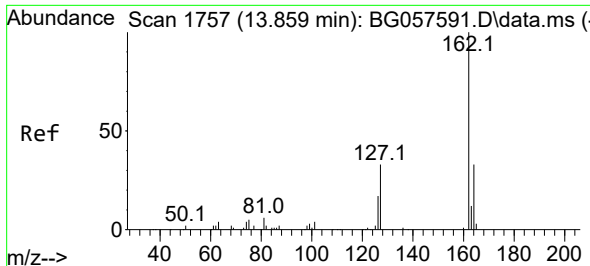
Tgt Ion:172 Resp: 334612
Ion Ratio Lower Upper
172 100
171 35.6 29.2 43.8
170 23.7 19.0 28.4



#46
1,1'-Biphenyl
Concen: 42.684 ng
RT: 13.800 min Scan# 1747
Delta R.T. 0.001 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

Tgt Ion:154 Resp: 177720
Ion Ratio Lower Upper
154 100
153 39.6 19.6 59.6
76 11.3 0.0 30.9

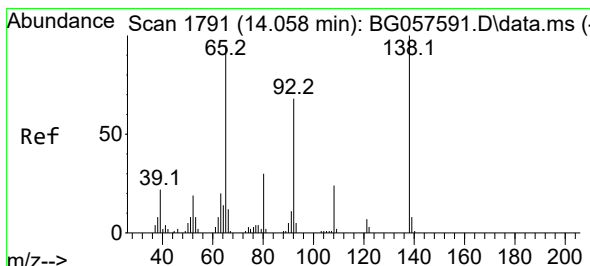
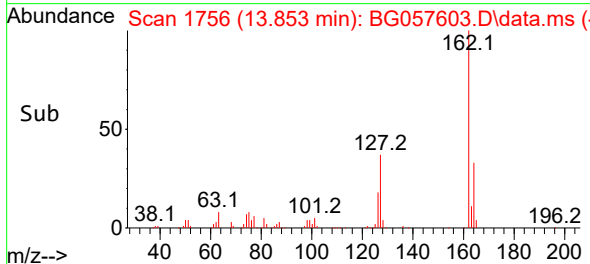
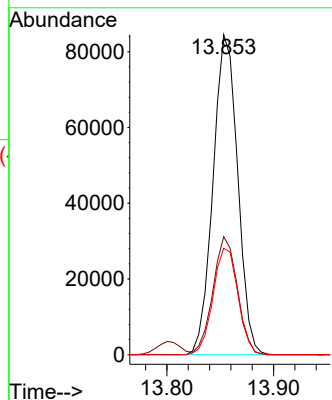
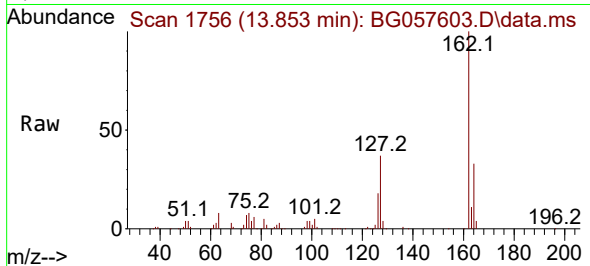




#47
2-Chloronaphthalene
Concen: 43.092 ng
RT: 13.853 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

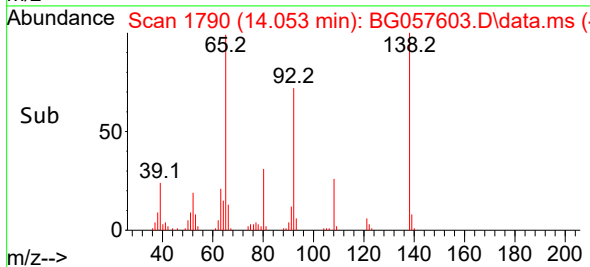
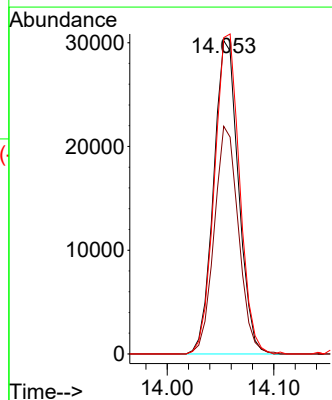
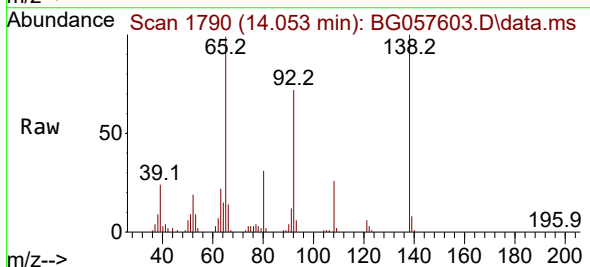
Instrument :
BNA_G
ClientSampleId :
PB153018BSD

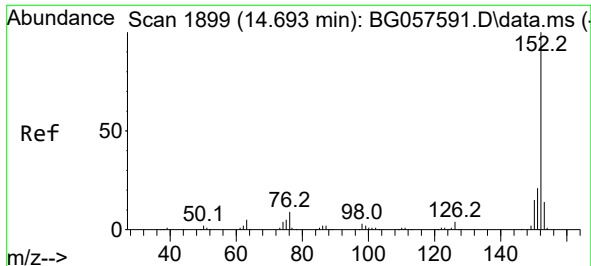
Tgt Ion:162 Resp: 135143
Ion Ratio Lower Upper
162 100
127 36.9 28.2 42.2
164 33.3 26.1 39.1



#48
2-Nitroaniline
Concen: 44.426 ng
RT: 14.053 min Scan# 1790
Delta R.T. -0.005 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

Tgt Ion: 65 Resp: 48804
Ion Ratio Lower Upper
65 100
92 72.7 57.3 85.9
138 101.0 84.6 127.0

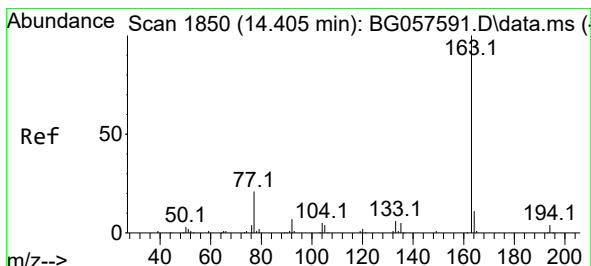
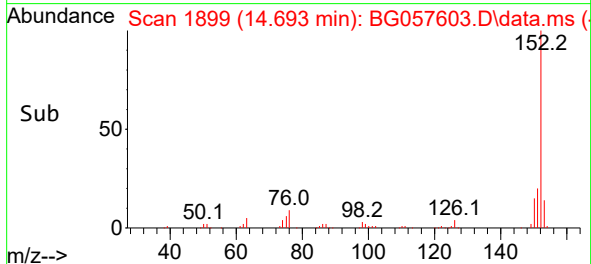
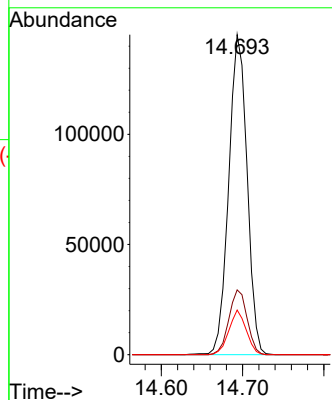
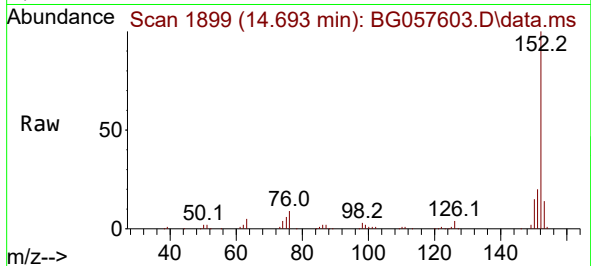




#49
Acenaphthylene
Concen: 42.933 ng
RT: 14.693 min Scan# 1899
Delta R.T. 0.001 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

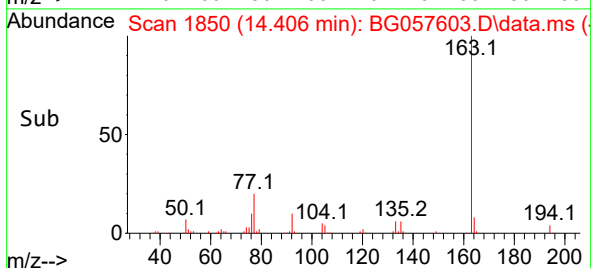
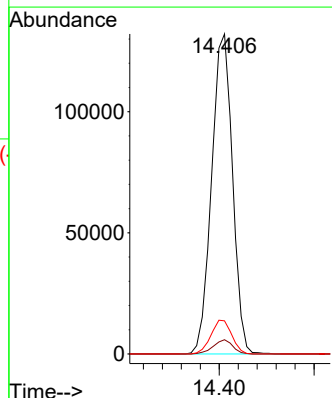
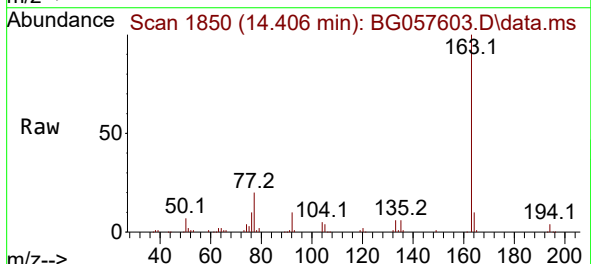
Instrument :
BNA_G
ClientSampleId :
PB153018BSD

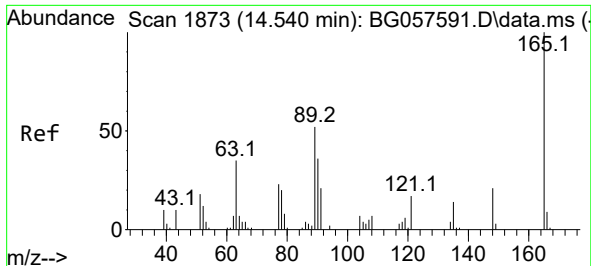
Tgt Ion:152 Resp: 228001
Ion Ratio Lower Upper
152 100
151 20.2 16.5 24.7
153 14.0 11.0 16.4



#50
Dimethylphthalate
Concen: 42.034 ng
RT: 14.406 min Scan# 1850
Delta R.T. 0.001 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

Tgt Ion:163 Resp: 201824
Ion Ratio Lower Upper
163 100
194 4.5 3.0 4.4#
164 10.3 8.5 12.7

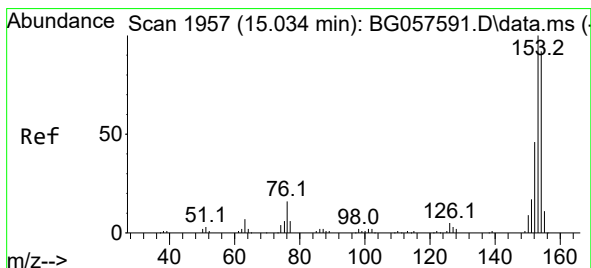
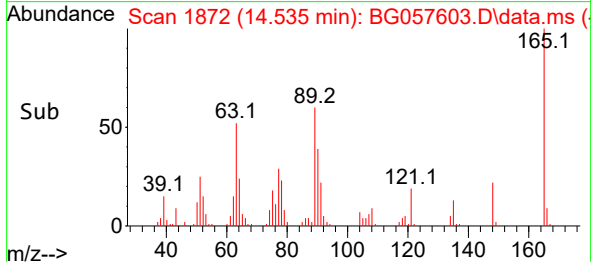
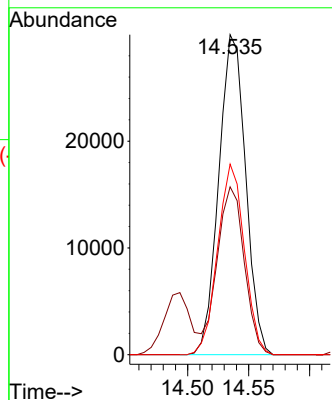
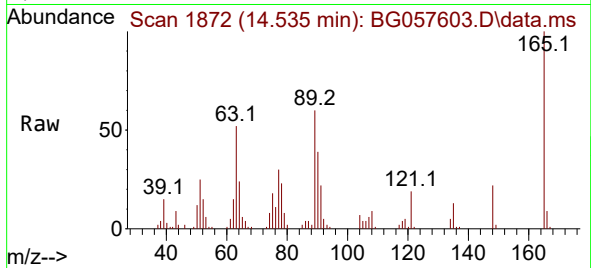




#51
2,6-Dinitrotoluene
Concen: 44.777 ng
RT: 14.535 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

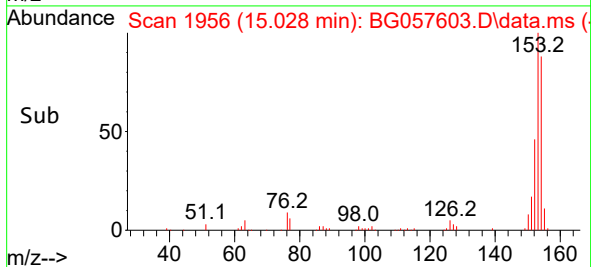
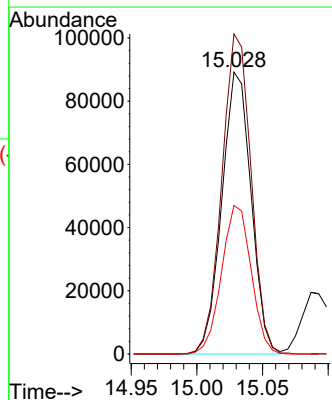
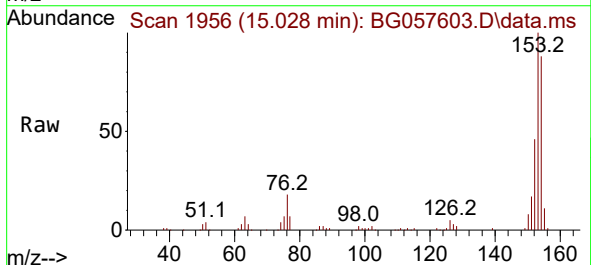
Instrument :
BNA_G
ClientSampleId :
PB153018BSD

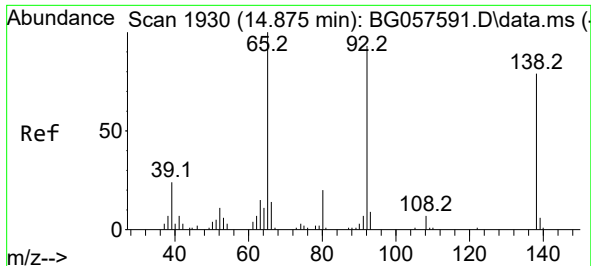
Tgt Ion:165 Resp: 46022
Ion Ratio Lower Upper
165 100
63 52.4 39.3 58.9
89 59.6 41.5 62.3



#52
Acenaphthene
Concen: 42.543 ng
RT: 15.028 min Scan# 1956
Delta R.T. -0.005 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

Tgt Ion:154 Resp: 138244
Ion Ratio Lower Upper
154 100
153 113.5 87.4 131.0
152 52.7 40.2 60.4

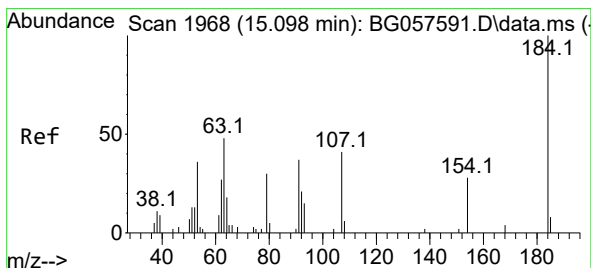
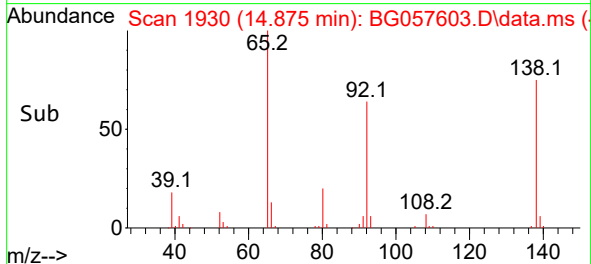
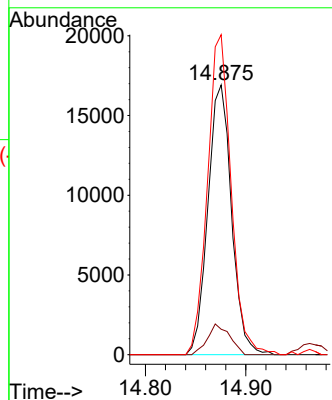
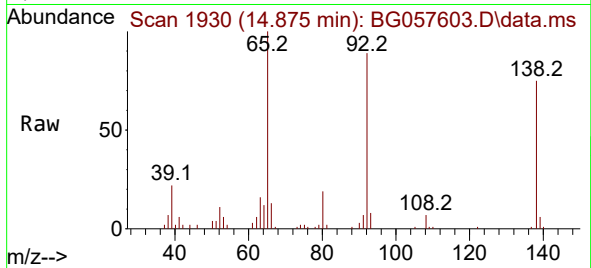




#53
3-Nitroaniline
Concen: 25.849 ng
RT: 14.875 min Scan# 1930
Delta R.T. 0.001 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

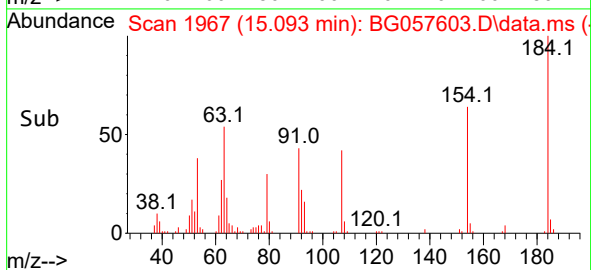
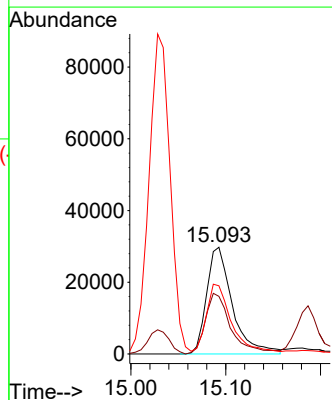
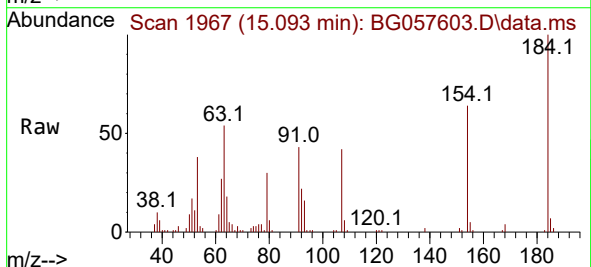
Instrument :
BNA_G
ClientSampleId :
PB153018BSD

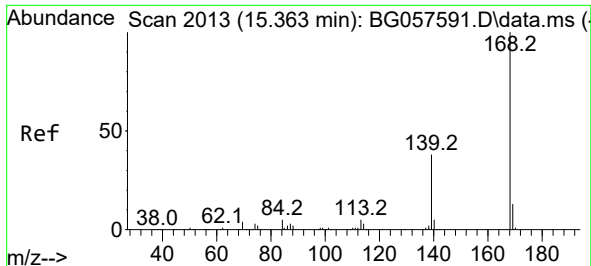
Tgt Ion:138 Resp: 27711
Ion Ratio Lower Upper
138 100
108 9.5 7.1 10.7
92 118.6 94.9 142.3



#54
2,4-Dinitrophenol
Concen: 89.672 ng
RT: 15.093 min Scan# 1967
Delta R.T. -0.005 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

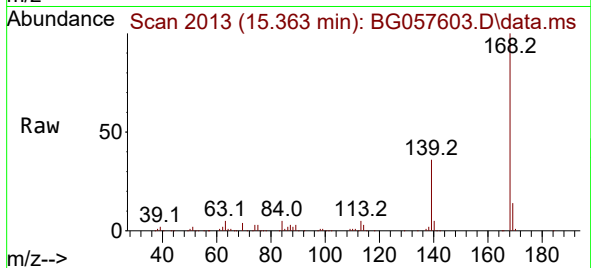
Tgt Ion:184 Resp: 56184
Ion Ratio Lower Upper
184 100
63 54.0 41.4 62.2
154 64.0 52.5 78.7



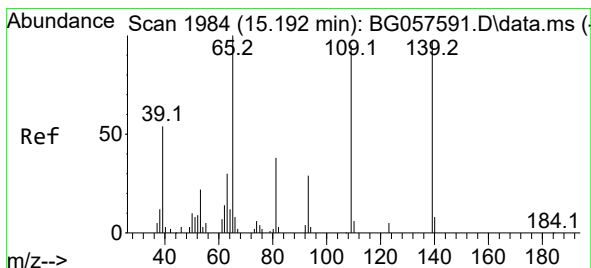
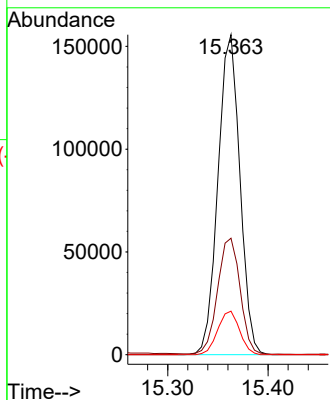
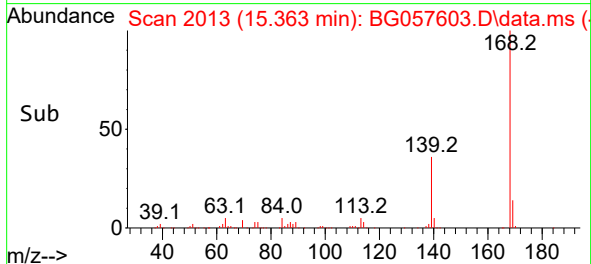


#55
Dibenzofuran
Concen: 42.455 ng
RT: 15.363 min Scan# 2013
Delta R.T. 0.001 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

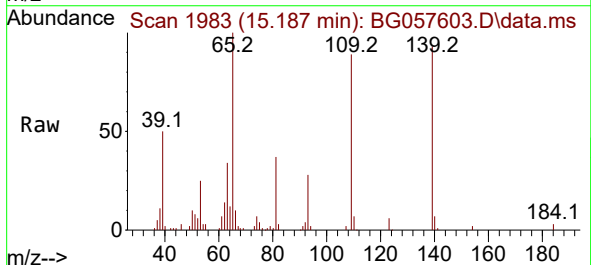
Instrument :
BNA_G
ClientSampleId :
PB153018BSD



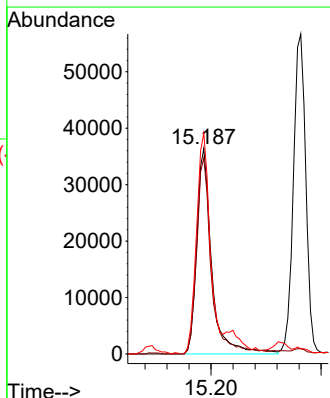
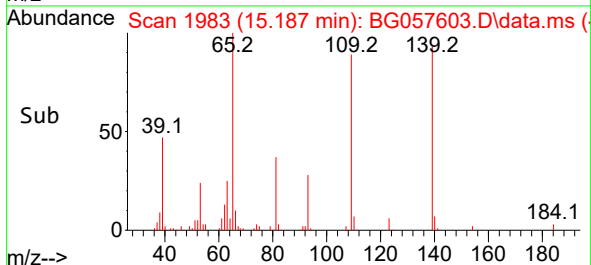
Tgt Ion:168 Resp: 235734
Ion Ratio Lower Upper
168 100
139 36.4 30.6 46.0
169 13.6 10.6 16.0

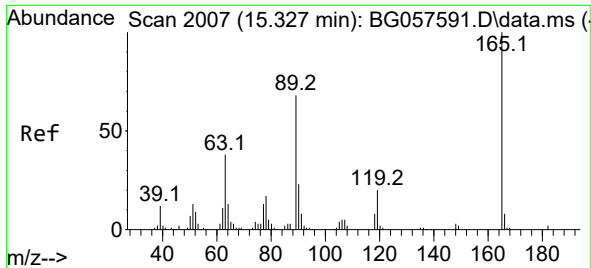


#56
4-Nitrophenol
Concen: 96.508 ng
RT: 15.187 min Scan# 1983
Delta R.T. -0.005 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07



Tgt Ion:139 Resp: 68932
Ion Ratio Lower Upper
139 100
109 95.4 78.2 118.2
65 107.5 83.2 123.2

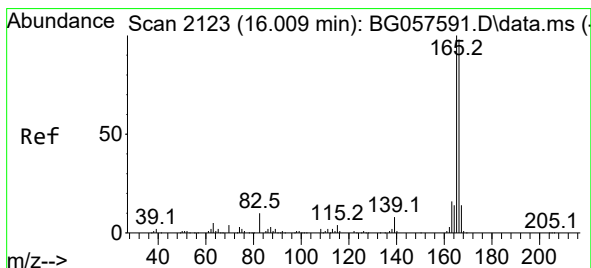
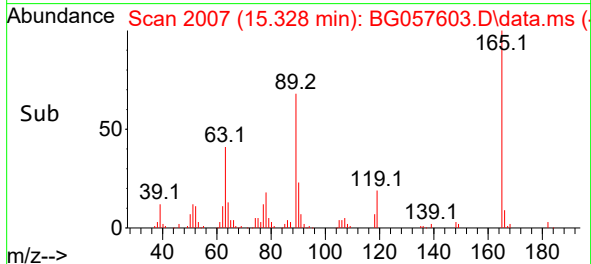
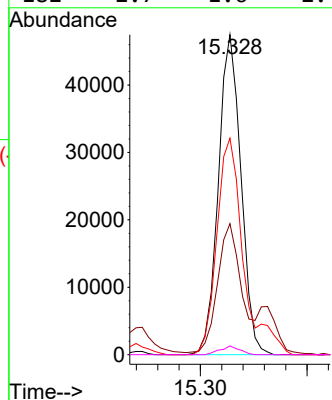
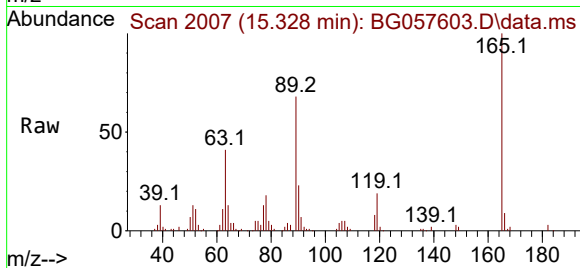




#57
2,4-Dinitrotoluene
Concen: 45.356 ng
RT: 15.328 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

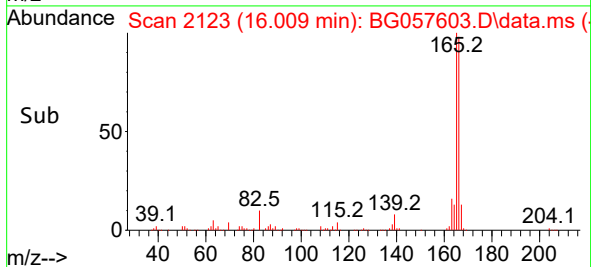
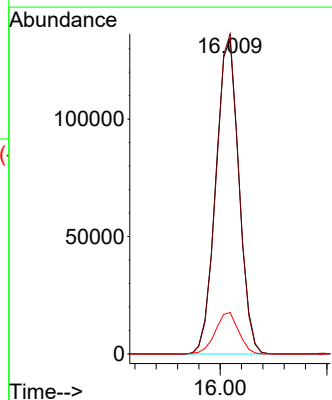
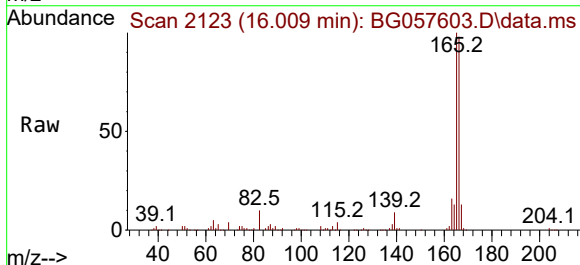
Instrument :
BNA_G
ClientSampleId :
PB153018BSD

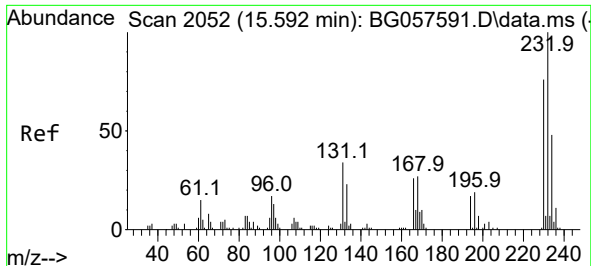
Tgt Ion:165 Resp: 69798
Ion Ratio Lower Upper
165 100
63 41.0 30.6 45.8
89 67.7 54.2 81.2
182 2.7 1.6 2.4#



#58
Fluorene
Concen: 42.986 ng
RT: 16.009 min Scan# 2123
Delta R.T. 0.001 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

Tgt Ion:166 Resp: 201526
Ion Ratio Lower Upper
166 100
165 101.5 81.2 121.8
167 13.2 11.1 16.7

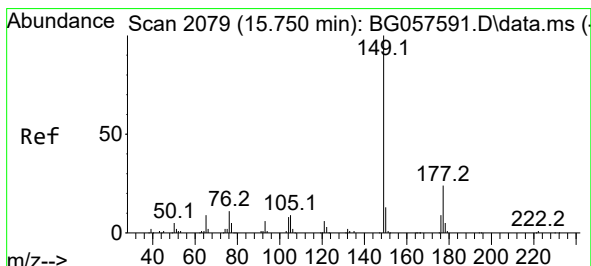
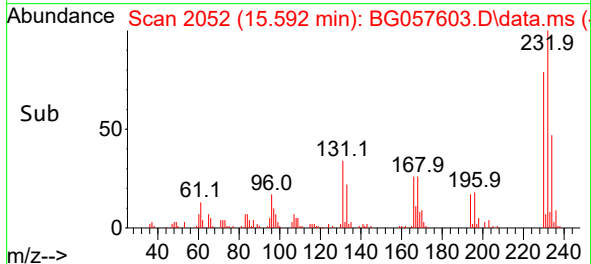
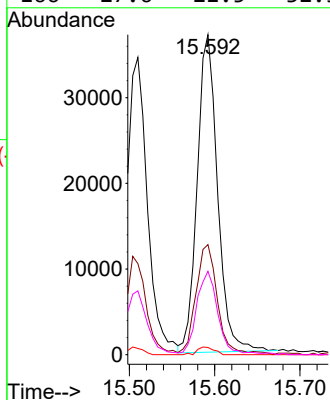
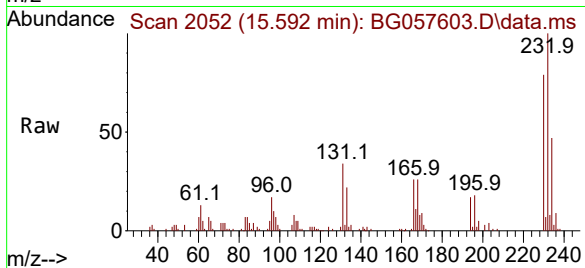




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.832 ng
RT: 15.592 min Scan# 2052
Delta R.T. 0.000 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

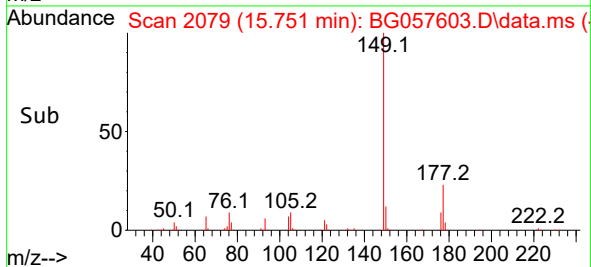
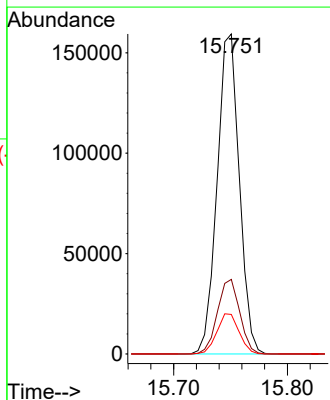
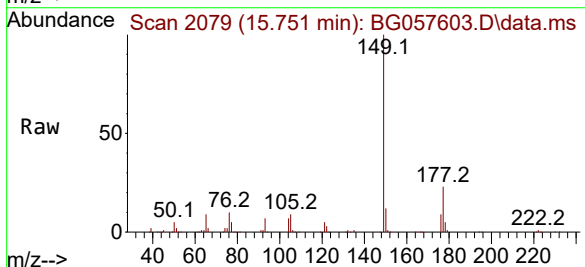
Instrument :
BNA_G
ClientSampleId :
PB153018BSD

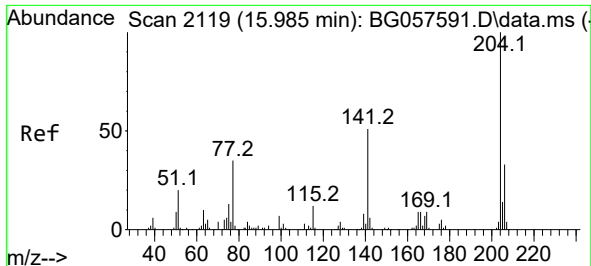
Tgt Ion:	232	Resp:	61561
Ion Ratio	Lower	Upper	
232	100		
131	34.5	28.6	43.0
130	2.0	1.8	2.6
166	27.6	21.5	32.3



#60
Diethylphthalate
Concen: 43.090 ng
RT: 15.751 min Scan# 2079
Delta R.T. 0.001 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

Tgt Ion:	149	Resp:	215943
Ion Ratio	Lower	Upper	
149	100		
177	23.3	19.0	28.6
150	12.3	10.1	15.1

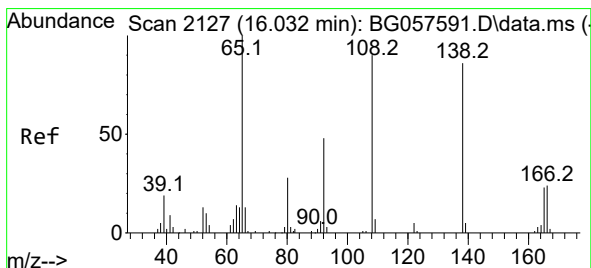
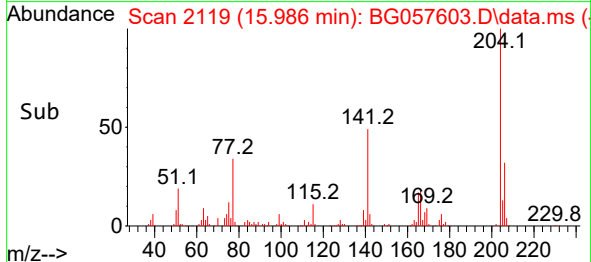
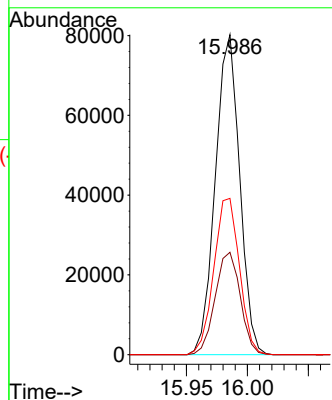
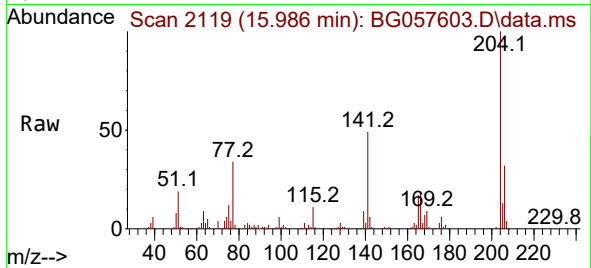




#61
4-Chlorophenyl-phenylether
Concen: 42.676 ng
RT: 15.986 min Scan# 2119
Delta R.T. 0.001 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

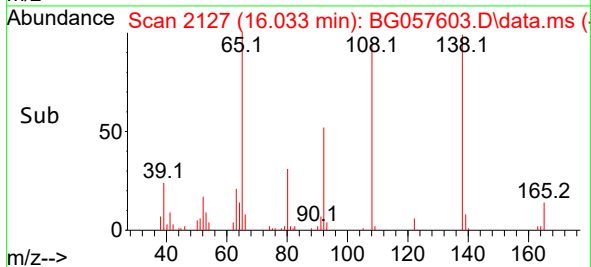
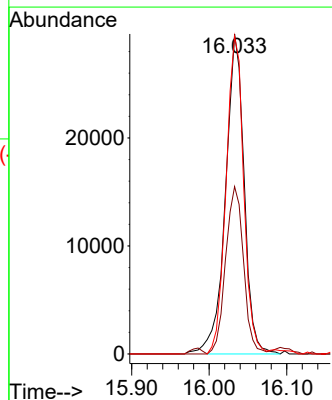
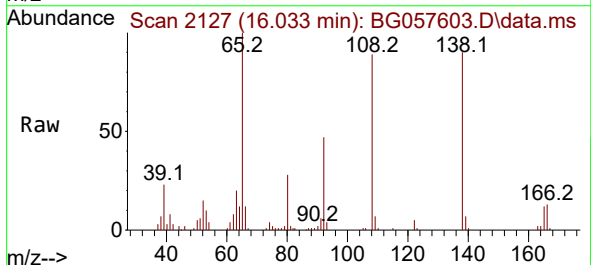
Instrument :
BNA_G
ClientSampleId :
PB153018BSD

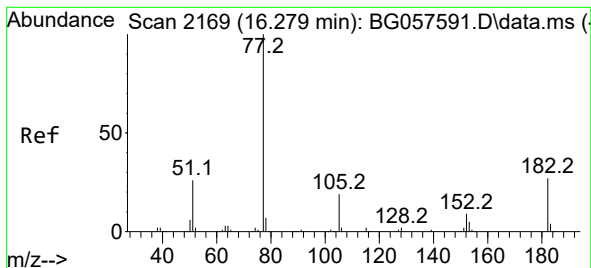
Tgt Ion:204 Resp: 111503
Ion Ratio Lower Upper
204 100
206 32.0 26.6 39.8
141 48.9 40.8 61.2



#62
4-Nitroaniline
Concen: 42.869 ng
RT: 16.033 min Scan# 2127
Delta R.T. 0.001 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

Tgt Ion:138 Resp: 49574
Ion Ratio Lower Upper
138 100
92 52.3 36.4 76.4
108 99.4 85.4 125.4





#63

Azobenzene

Concen: 43.674 ng

RT: 16.279 min Scan# 2169

Delta R.T. 0.001 min

Lab File: BG057603.D

Acq: 27 May 2023 4:07

Instrument :

BNA_G

ClientSampleId :

PB153018BSD

Tgt Ion: 77 Resp: 194645

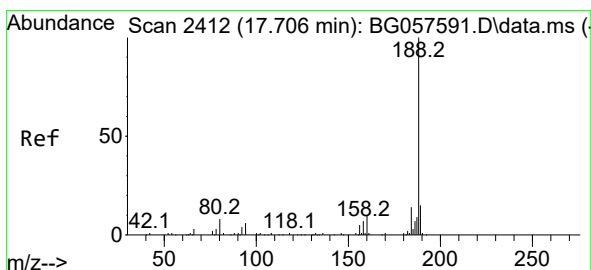
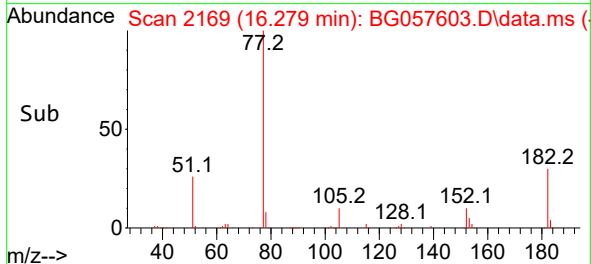
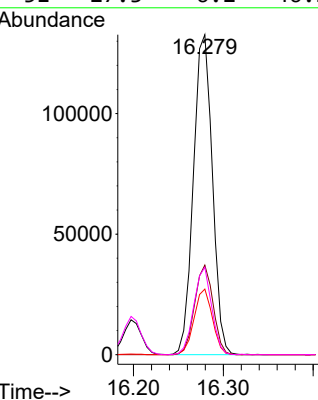
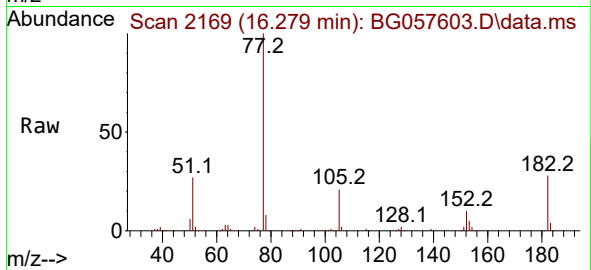
Ion Ratio Lower Upper

77 100

182 28.0 7.4 47.4

105 20.5 0.0 39.4

51 27.3 6.2 46.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.707 min Scan# 2412

Delta R.T. 0.001 min

Lab File: BG057603.D

Acq: 27 May 2023 4:07

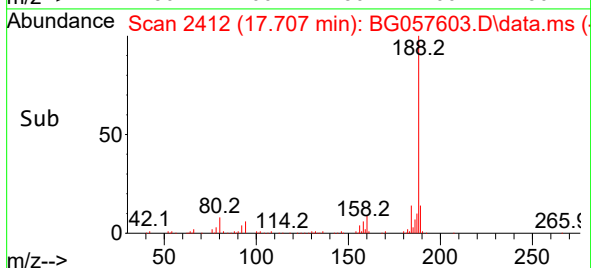
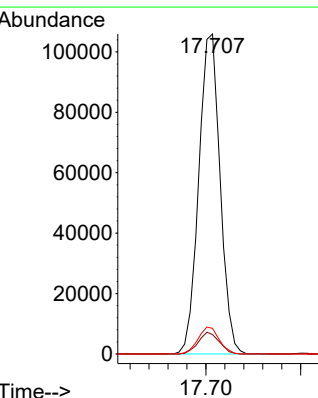
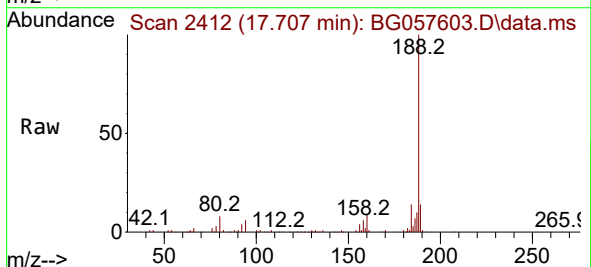
Tgt Ion:188 Resp: 165371

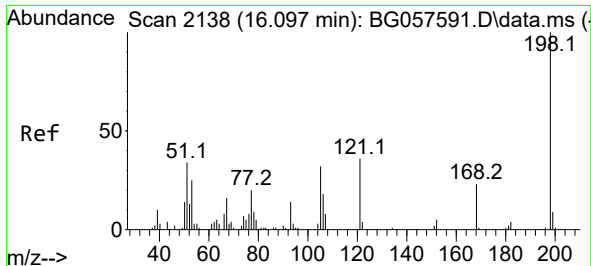
Ion Ratio Lower Upper

188 100

94 6.1 5.2 7.8

80 8.0 6.7 10.1

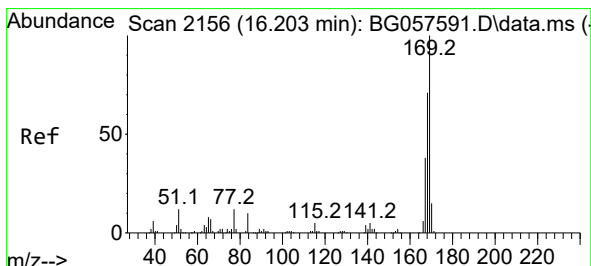
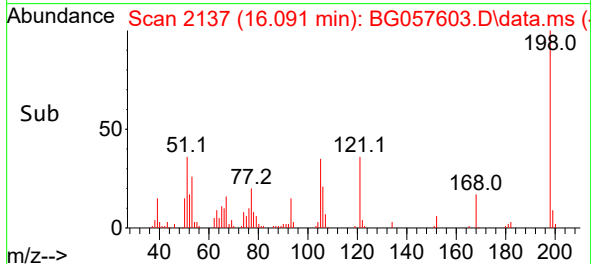
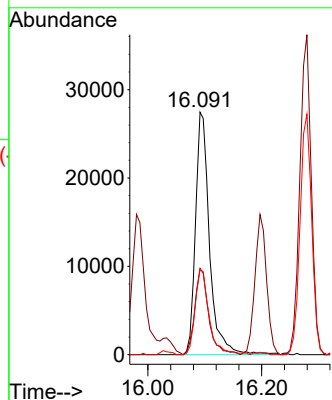
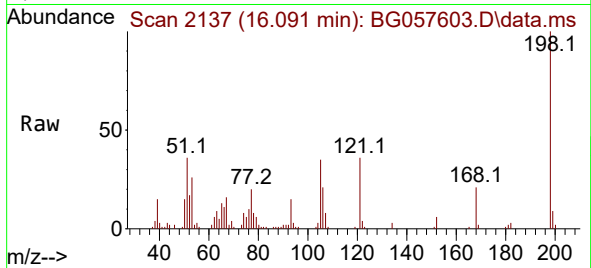




#65
4,6-Dinitro-2-methylphenol
Concen: 46.915 ng
RT: 16.091 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

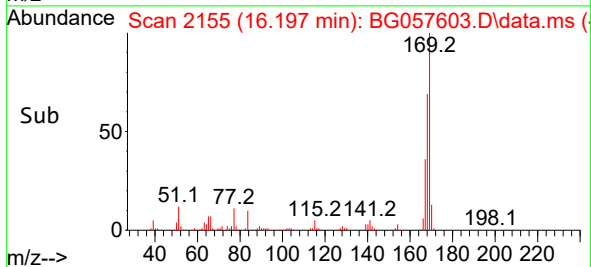
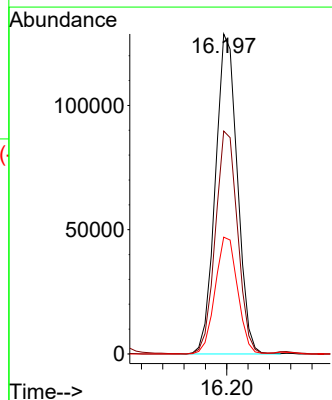
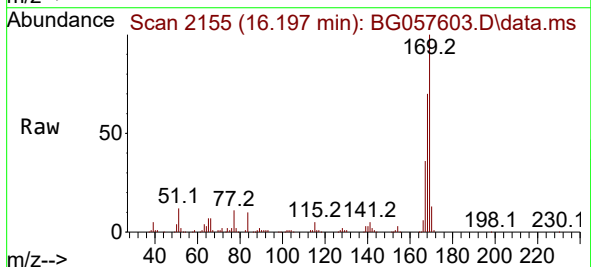
Instrument :
BNA_G
ClientSampleId :
PB153018BSD

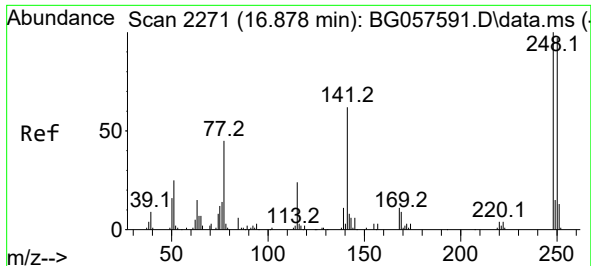
Tgt Ion:198 Resp: 47239
Ion Ratio Lower Upper
198 100
51 35.5 14.9 54.9
105 35.1 11.8 51.8



#66
n-Nitrosodiphenylamine
Concen: 42.780 ng
RT: 16.197 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

Tgt Ion:169 Resp: 183877
Ion Ratio Lower Upper
169 100
168 69.6 56.7 85.1
167 36.5 30.7 46.1

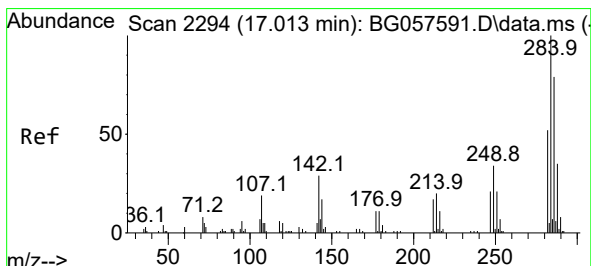
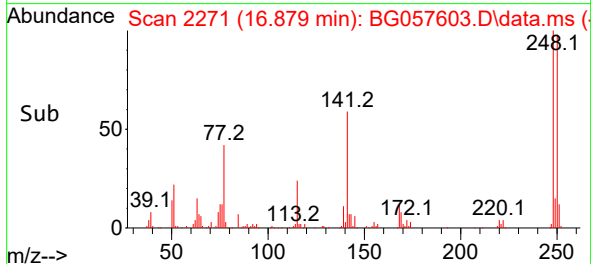
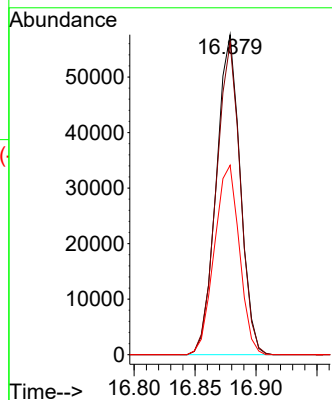
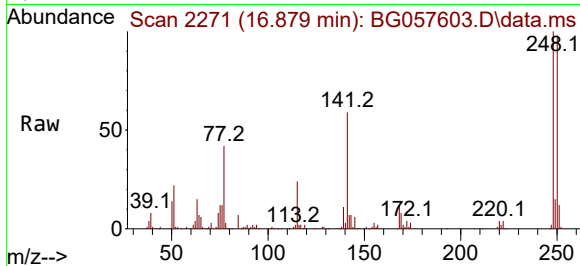




#67
4-Bromophenyl-phenylether
Concen: 42.370 ng
RT: 16.879 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

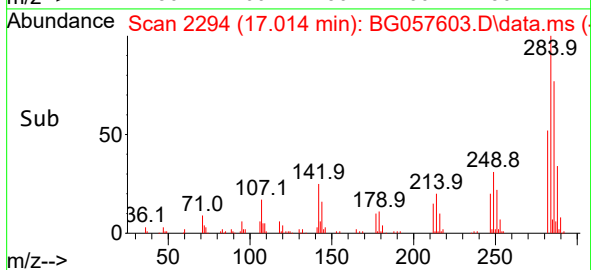
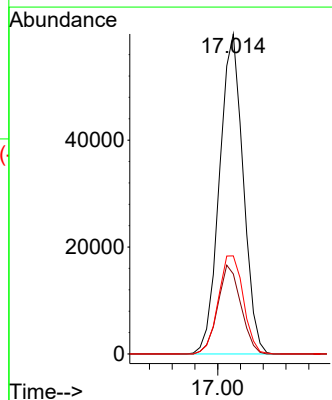
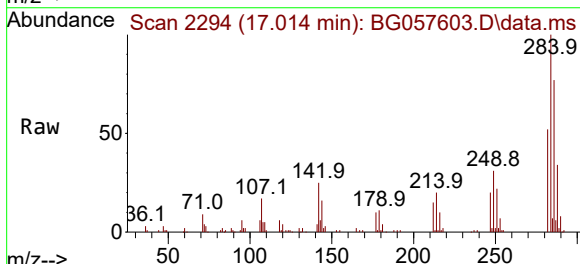
Instrument :
BNA_G
ClientSampleId :
PB153018BSD

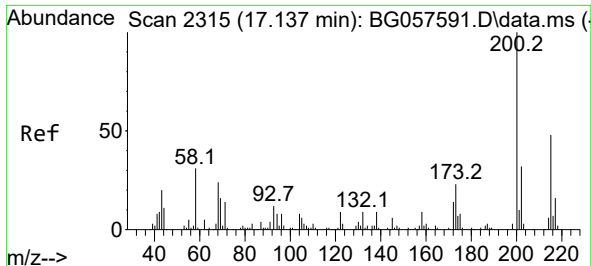
Tgt Ion:248 Resp: 78598
Ion Ratio Lower Upper
248 100
250 97.5 77.4 116.2
141 59.2 49.4 74.0



#68
Hexachlorobenzene
Concen: 45.280 ng
RT: 17.014 min Scan# 2294
Delta R.T. 0.001 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

Tgt Ion:284 Resp: 86582
Ion Ratio Lower Upper
284 100
142 25.0 22.9 34.3
249 30.7 27.0 40.4

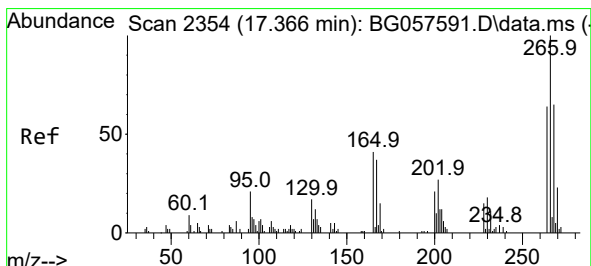
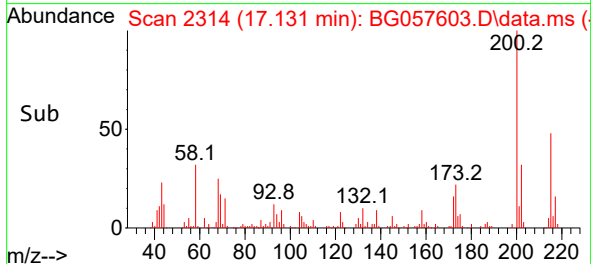
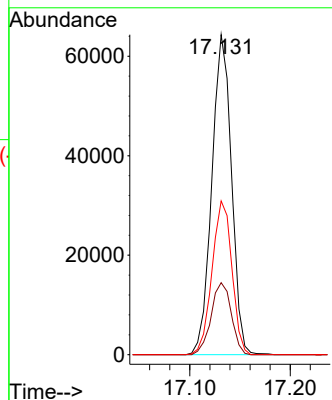
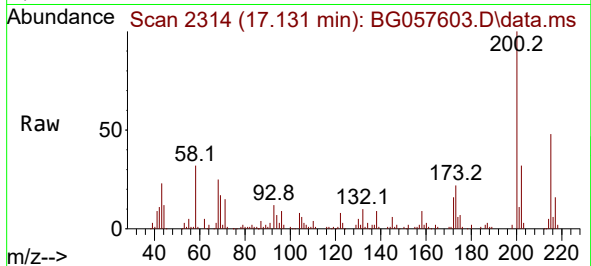




#69
 Atrazine
 Concen: 47.535 ng
 RT: 17.131 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG057603.D
 Acq: 27 May 2023 4:07

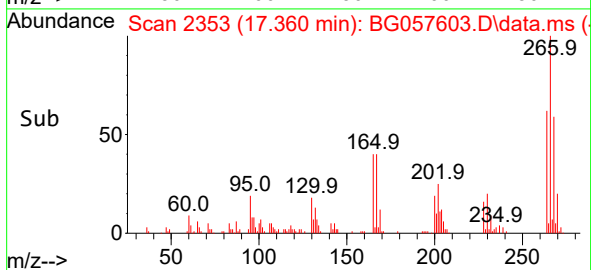
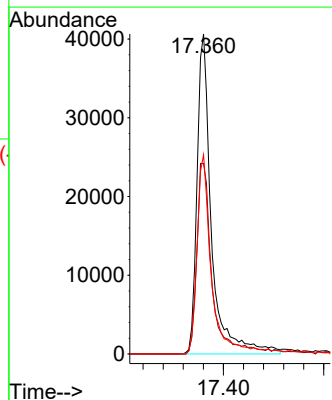
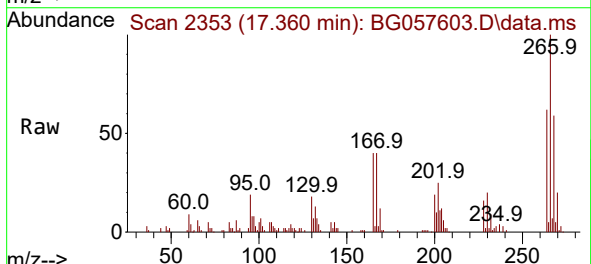
Instrument :
 BNA_G
 ClientSampleId :
 PB153018BSD

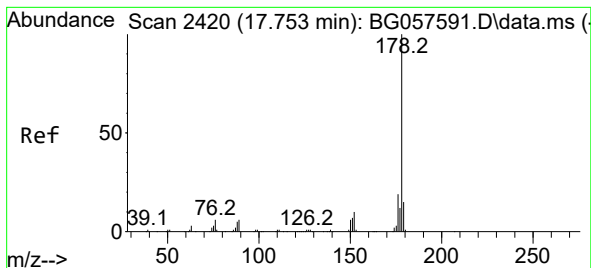
Tgt Ion:200 Resp: 87721
 Ion Ratio Lower Upper
 200 100
 173 22.5 3.2 43.2
 215 48.1 28.4 68.4



#70
 Pentachlorophenol
 Concen: 83.270 ng
 RT: 17.360 min Scan# 2353
 Delta R.T. -0.006 min
 Lab File: BG057603.D
 Acq: 27 May 2023 4:07

Tgt Ion:266 Resp: 81131
 Ion Ratio Lower Upper
 266 100
 268 59.5 52.2 78.4
 264 62.2 51.2 76.8





#71

Phenanthrene

Concen: 43.377 ng

RT: 17.748 min Scan# 2419

Delta R.T. -0.005 min

Lab File: BG057603.D

Acq: 27 May 2023 4:07

Instrument :

BNA_G

ClientSampleId :

PB153018BSD

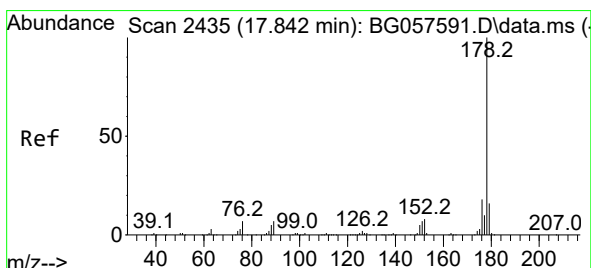
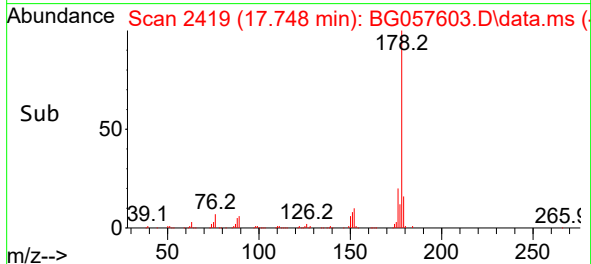
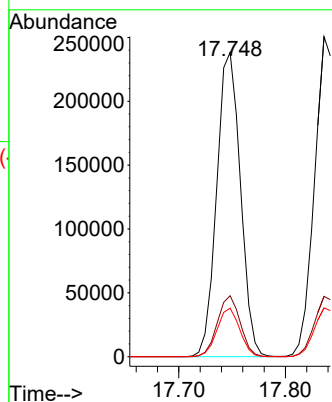
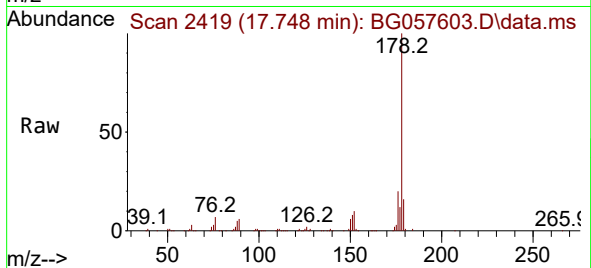
Tgt Ion:178 Resp: 367087

Ion Ratio Lower Upper

178 100

176 20.0 15.3 22.9

179 15.9 12.0 18.0



#72

Anthracene

Concen: 42.727 ng

RT: 17.836 min Scan# 2434

Delta R.T. -0.005 min

Lab File: BG057603.D

Acq: 27 May 2023 4:07

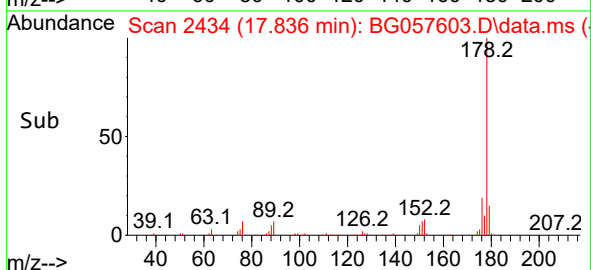
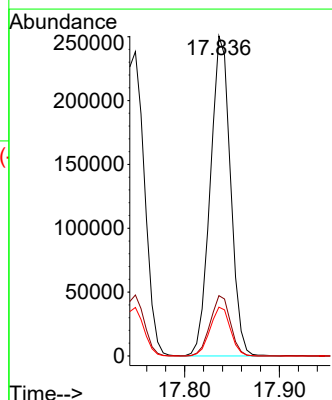
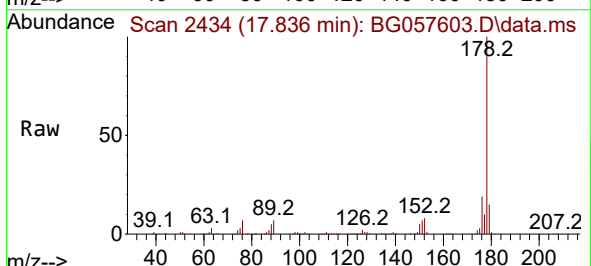
Tgt Ion:178 Resp: 370937

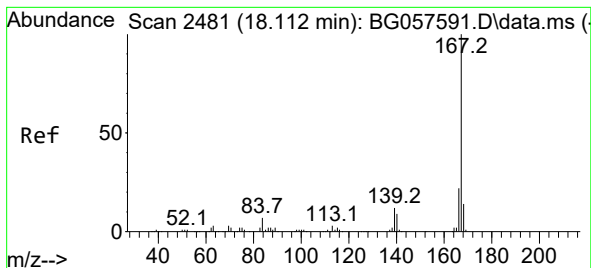
Ion Ratio Lower Upper

178 100

176 18.8 14.6 22.0

179 15.2 12.6 18.8





#73

Carbazole

Concen: 44.013 ng

RT: 18.106 min Scan# 24

Delta R.T. -0.005 min

Lab File: BG057603.D

Acq: 27 May 2023 4:07

Instrument :

BNA_G

ClientSampleId :

PB153018BSD

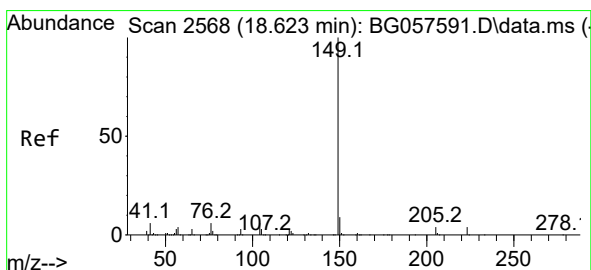
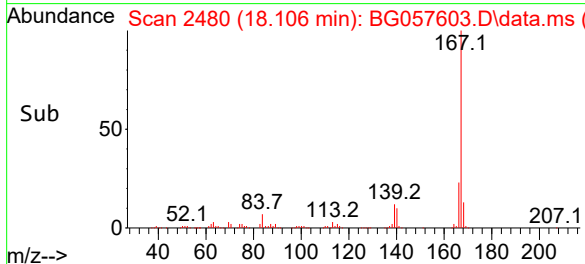
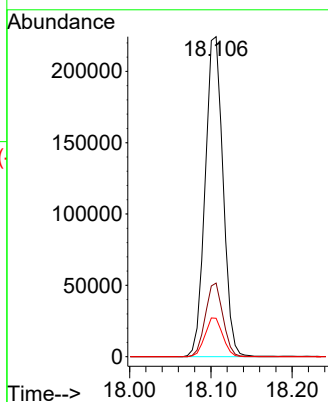
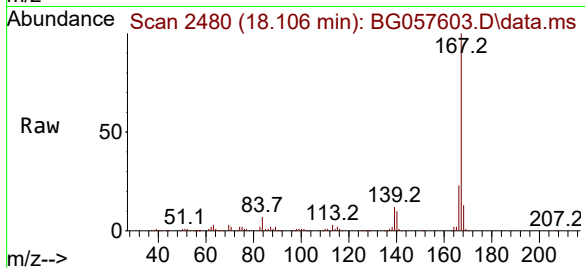
Tgt Ion:167 Resp: 341820

Ion Ratio Lower Upper

167 100

166 23.0 17.9 26.9

139 12.0 9.6 14.4



#74

Di-n-butylphthalate

Concen: 42.160 ng

RT: 18.617 min Scan# 2567

Delta R.T. -0.005 min

Lab File: BG057603.D

Acq: 27 May 2023 4:07

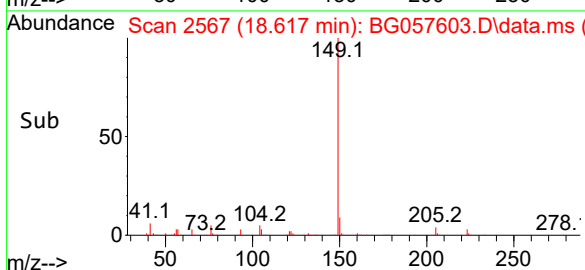
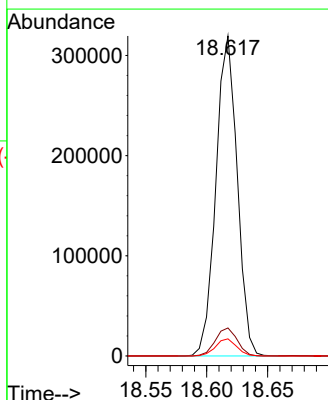
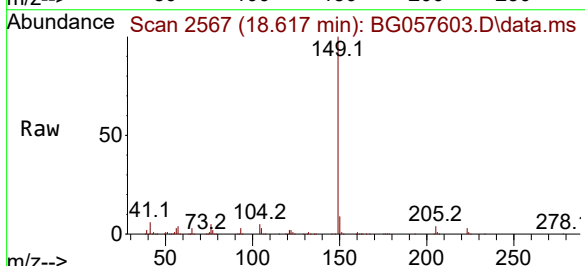
Tgt Ion:149 Resp: 388700

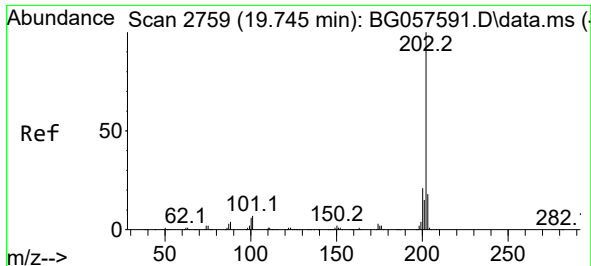
Ion Ratio Lower Upper

149 100

150 8.8 7.3 10.9

104 5.3 4.6 6.8

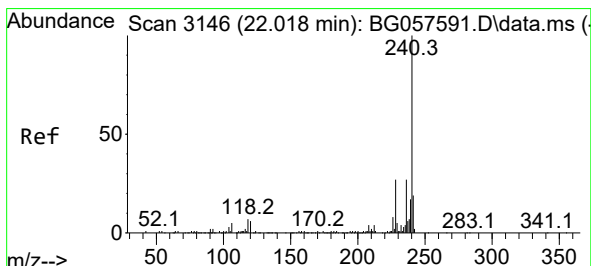
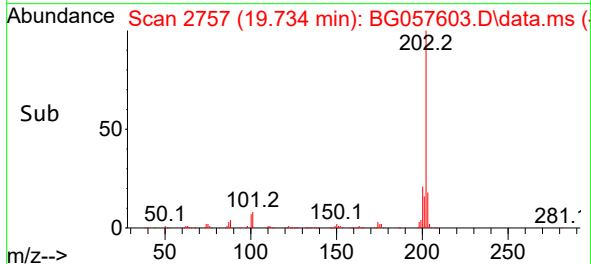
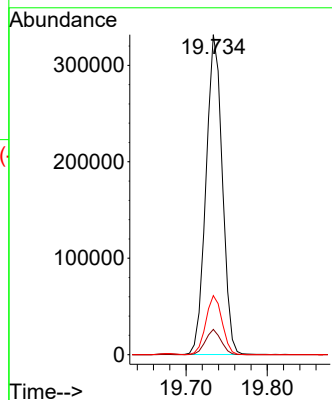
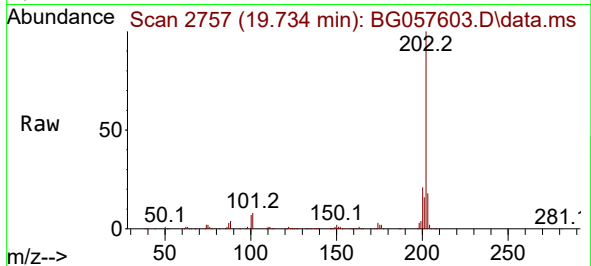




#75
Fluoranthene
Concen: 41.922 ng
RT: 19.734 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

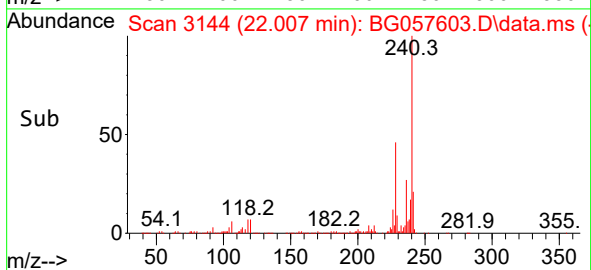
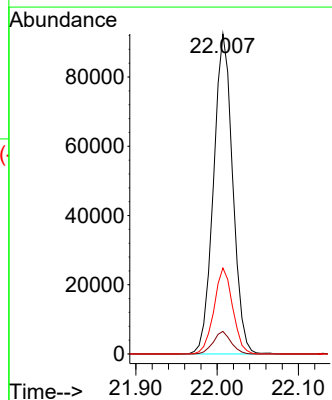
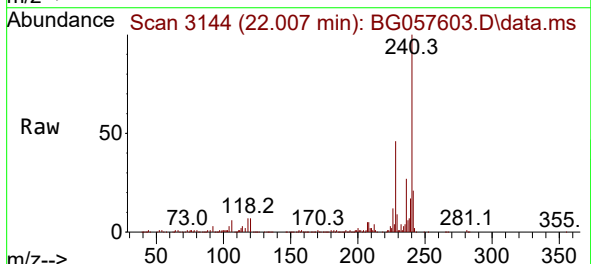
Instrument :
BNA_G
ClientSampleId :
PB153018BSD

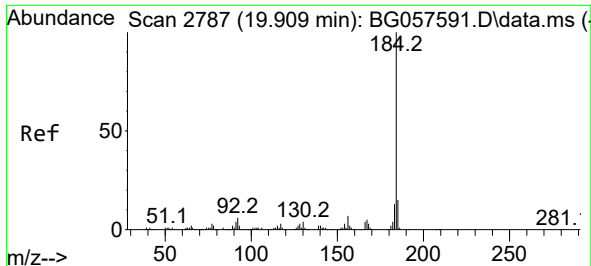
Tgt Ion:202 Resp: 460568
Ion Ratio Lower Upper
202 100
101 7.9 0.0 27.5
203 18.4 0.0 38.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.007 min Scan# 3144
Delta R.T. -0.011 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

Tgt Ion:240 Resp: 151523
Ion Ratio Lower Upper
240 100
120 7.0 5.2 7.8
236 26.8 21.4 32.0

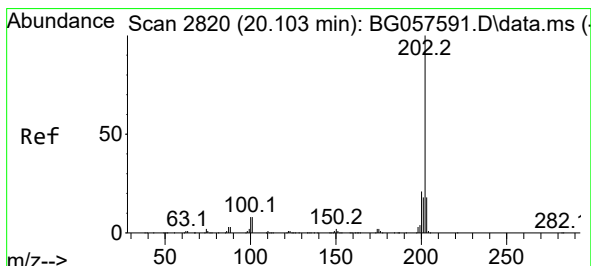
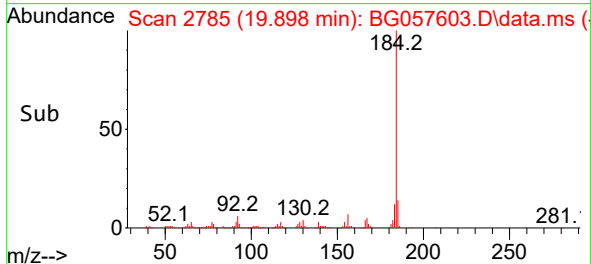
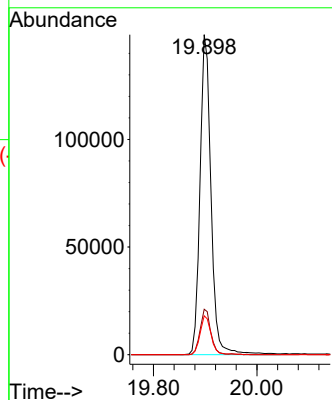
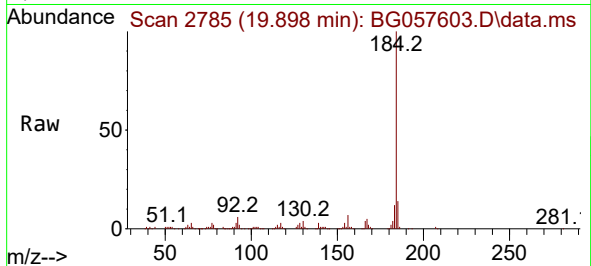




#77
Benzidine
Concen: 47.851 ng
RT: 19.898 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

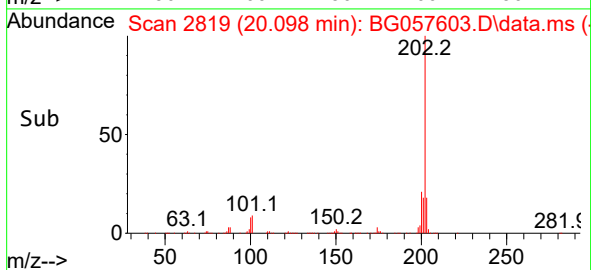
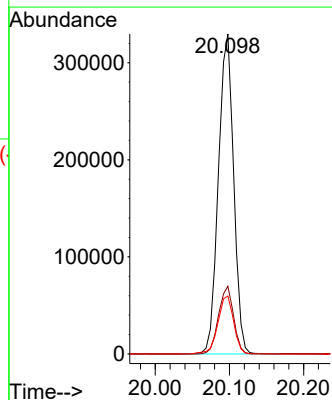
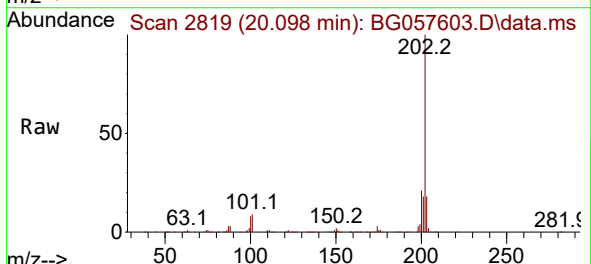
Instrument :
BNA_G
ClientSampleId :
PB153018BSD

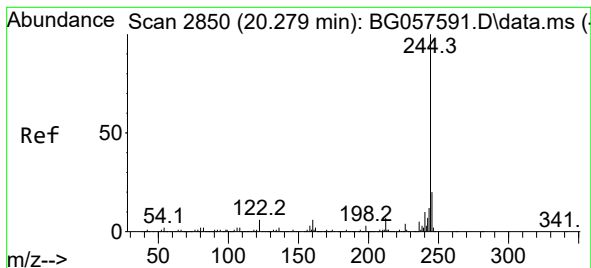
Tgt Ion:184 Resp: 219400
Ion Ratio Lower Upper
184 100
185 14.2 12.0 18.0
183 12.2 10.0 15.0



#78
Pyrene
Concen: 43.669 ng
RT: 20.098 min Scan# 2819
Delta R.T. -0.005 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

Tgt Ion:202 Resp: 471140
Ion Ratio Lower Upper
202 100
200 21.2 16.8 25.2
203 18.1 14.5 21.7





#79

Terphenyl-d14

Concen: 89.389 ng

RT: 20.268 min Scan# 21

Delta R.T. -0.011 min

Lab File: BG057603.D

Acq: 27 May 2023 4:07

Instrument :

BNA_G

ClientSampleId :

PB153018BSD

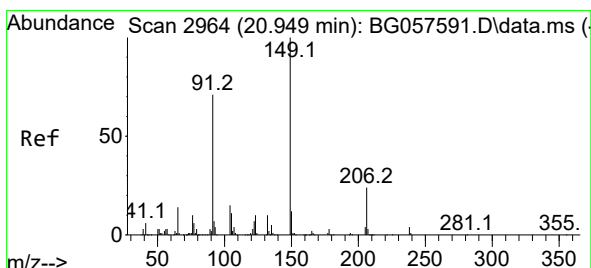
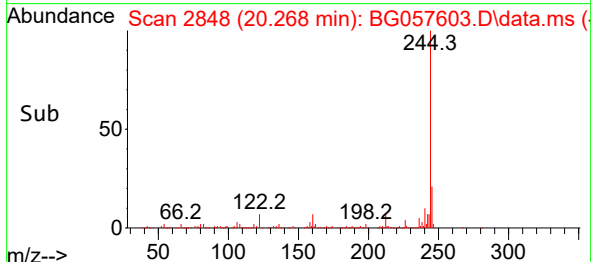
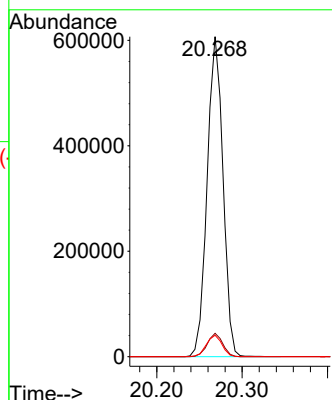
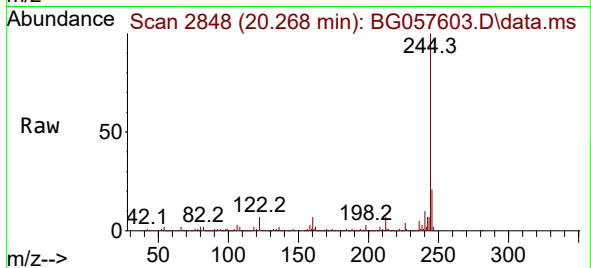
Tgt Ion:244 Resp: 781916

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

122 6.7 4.8 7.2



#80

Butylbenzylphthalate

Concen: 43.470 ng

RT: 20.944 min Scan# 2963

Delta R.T. -0.005 min

Lab File: BG057603.D

Acq: 27 May 2023 4:07

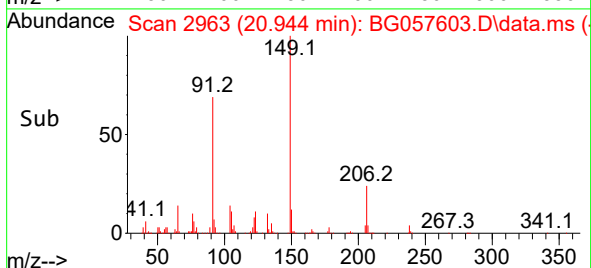
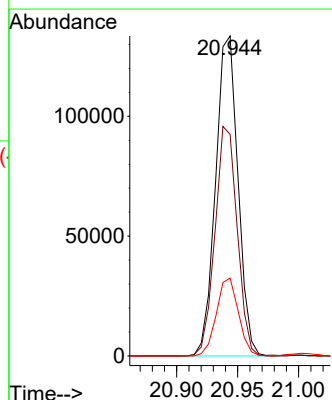
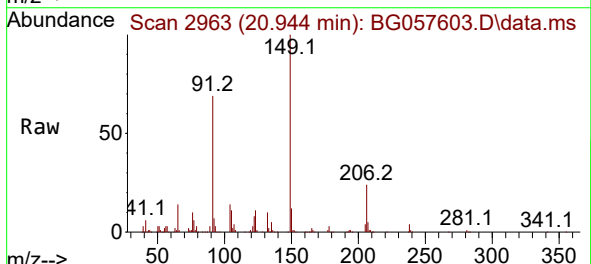
Tgt Ion:149 Resp: 170803

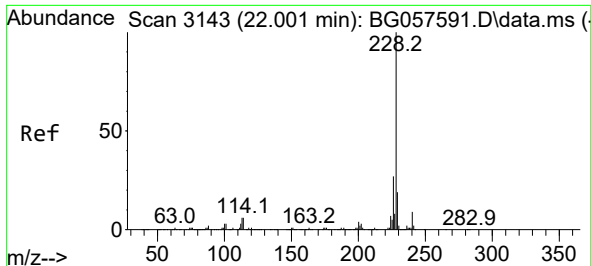
Ion Ratio Lower Upper

149 100

91 69.3 57.0 85.6

206 24.4 19.4 29.2

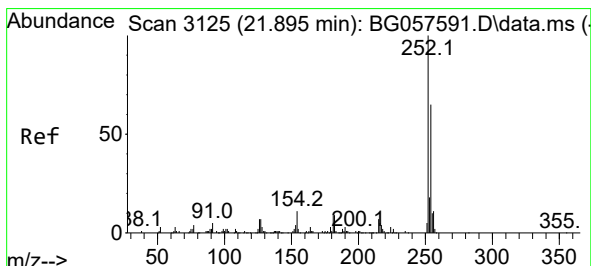
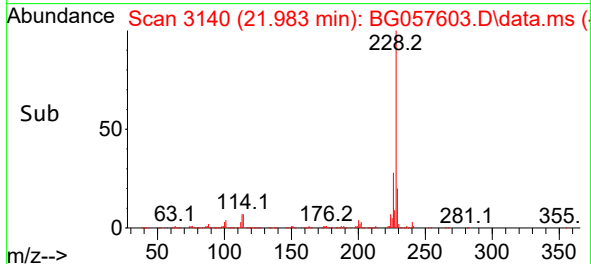
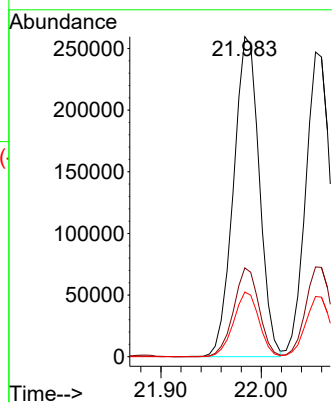
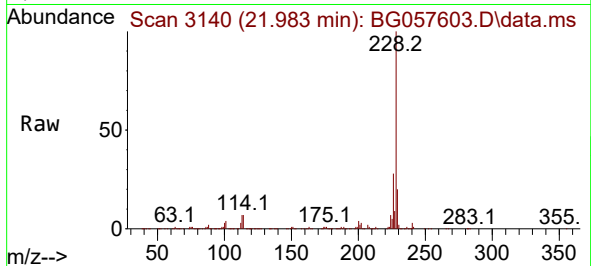




#81
Benzo(a)anthracene
Concen: 44.150 ng
RT: 21.983 min Scan# 3143
Delta R.T. -0.017 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

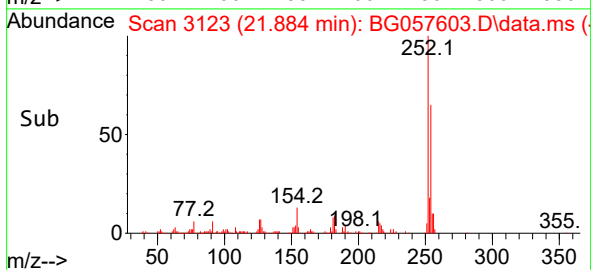
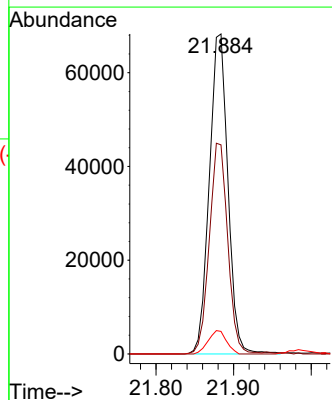
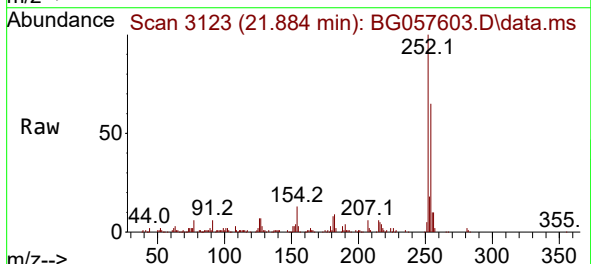
Instrument :
BNA_G
ClientSampleId :
PB153018BSD

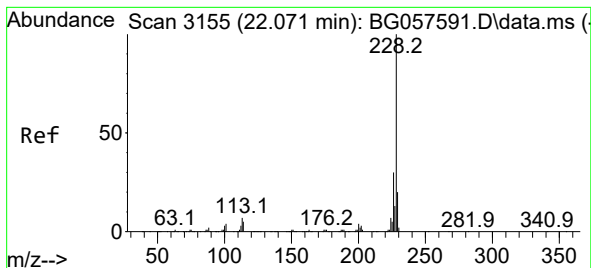
Tgt Ion:228 Resp: 464110
Ion Ratio Lower Upper
228 100
226 27.7 21.4 32.0
229 20.2 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 29.346 ng
RT: 21.884 min Scan# 3123
Delta R.T. -0.011 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

Tgt Ion:252 Resp: 113761
Ion Ratio Lower Upper
252 100
254 65.4 51.8 77.8
126 7.0 5.4 8.2





#83

Chrysene

Concen: 42.564 ng

RT: 22.054 min Scan# 3113

Delta R.T. -0.017 min

Lab File: BG057603.D

Acq: 27 May 2023 4:07

Instrument :

BNA_G

ClientSampleId :

PB153018BSD

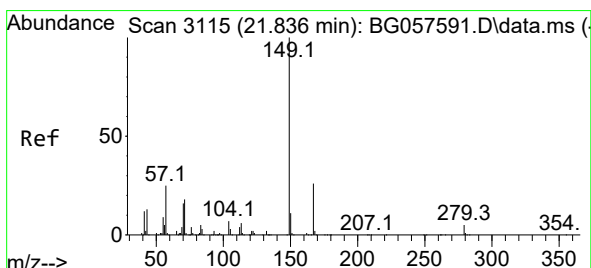
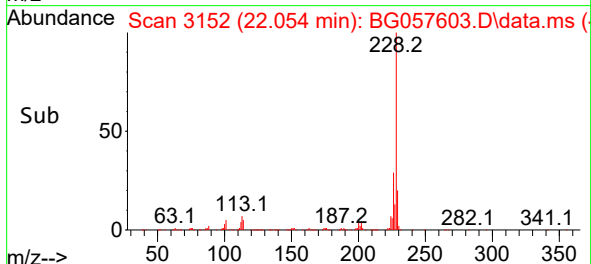
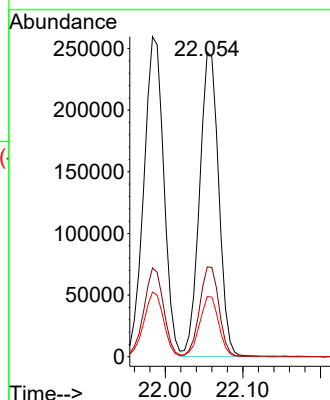
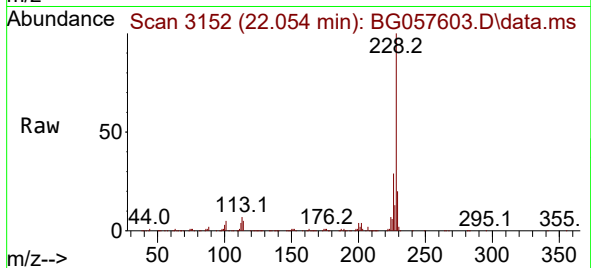
Tgt Ion:228 Resp: 422834

Ion Ratio Lower Upper

228 100

226 29.4 24.3 36.5

229 19.7 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.762 ng

RT: 21.825 min Scan# 3113

Delta R.T. -0.011 min

Lab File: BG057603.D

Acq: 27 May 2023 4:07

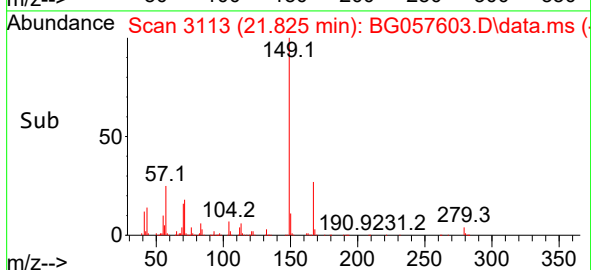
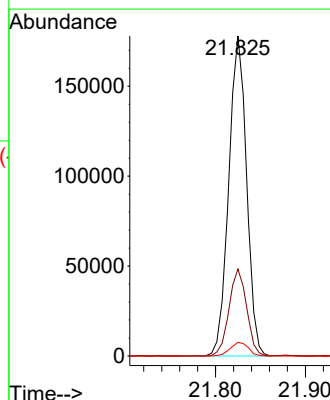
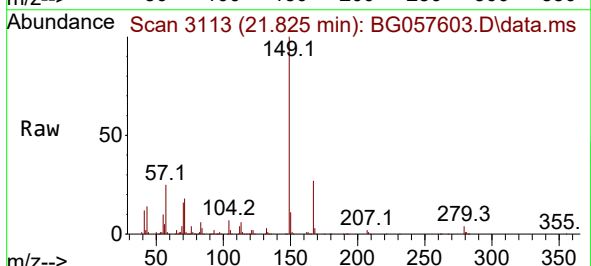
Tgt Ion:149 Resp: 245278

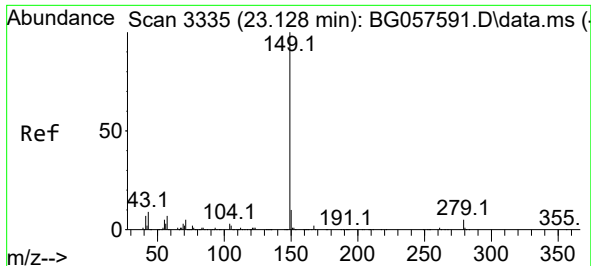
Ion Ratio Lower Upper

149 100

167 27.2 20.6 31.0

279 4.3 3.6 5.4

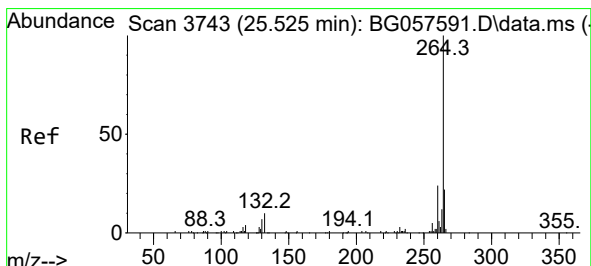
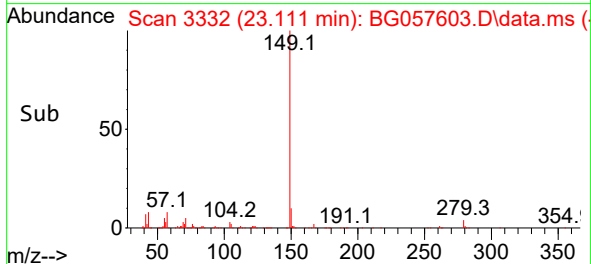
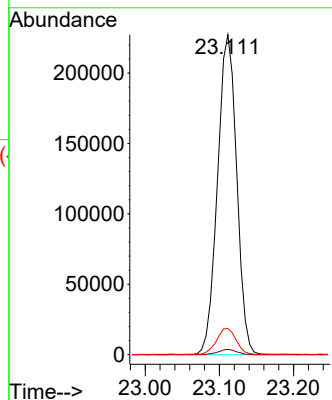
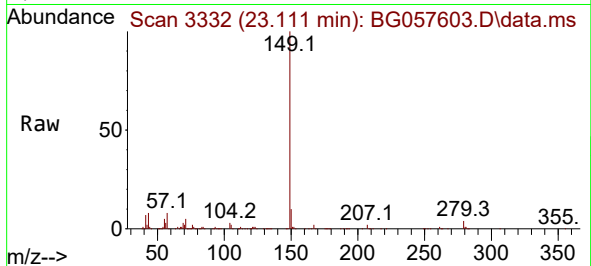




#85
Di-n-octyl phthalate
Concen: 43.964 ng
RT: 23.111 min Scan# 31
Delta R.T. -0.017 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

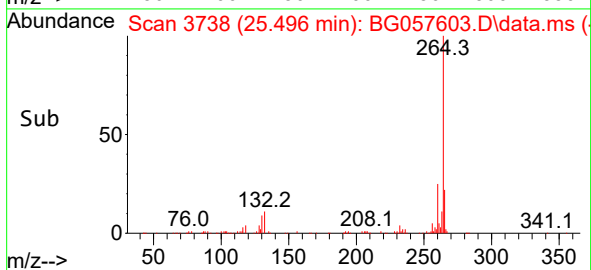
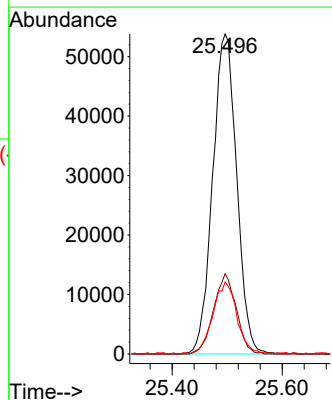
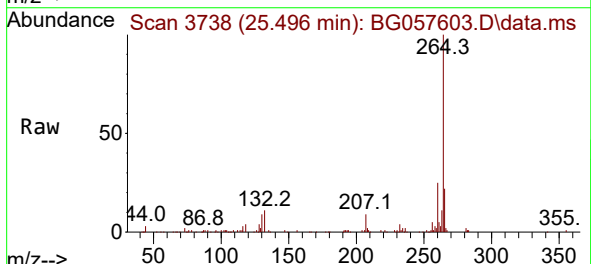
Instrument :
BNA_G
ClientSampleId :
PB153018BSD

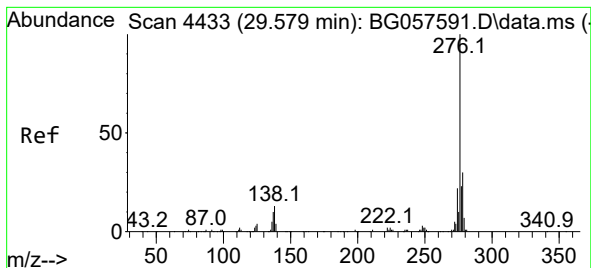
Tgt Ion:149 Resp: 408438
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.3 7.0 10.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.496 min Scan# 3738
Delta R.T. -0.029 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

Tgt Ion:264 Resp: 162799
Ion Ratio Lower Upper
264 100
260 25.1 19.1 28.7
265 22.5 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.176 ng

RT: 29.544 min Scan# 4433

Delta R.T. -0.035 min

Lab File: BG057603.D

Acq: 27 May 2023 4:07

Instrument :

BNA_G

ClientSampleId :

PB153018BSD

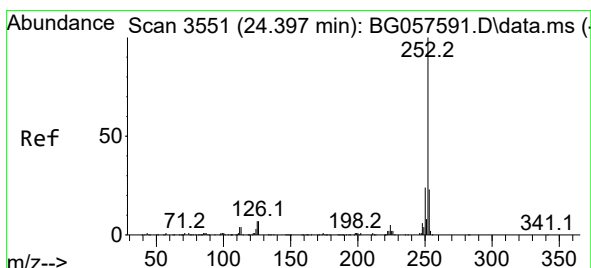
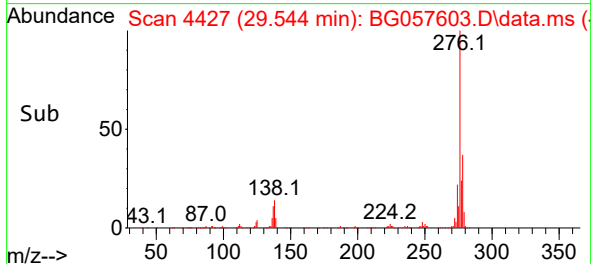
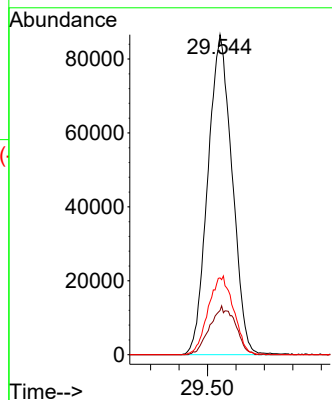
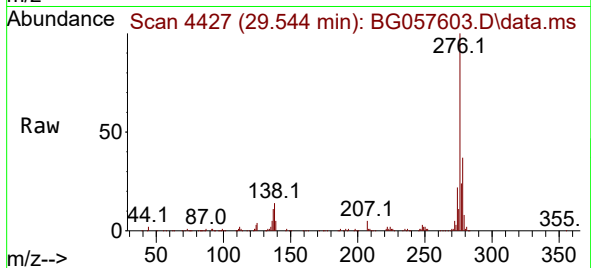
Tgt Ion:276 Resp: 512772

Ion Ratio Lower Upper

276 100

138 16.0 12.3 18.5

277 25.6 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 46.971 ng

RT: 24.380 min Scan# 3548

Delta R.T. -0.017 min

Lab File: BG057603.D

Acq: 27 May 2023 4:07

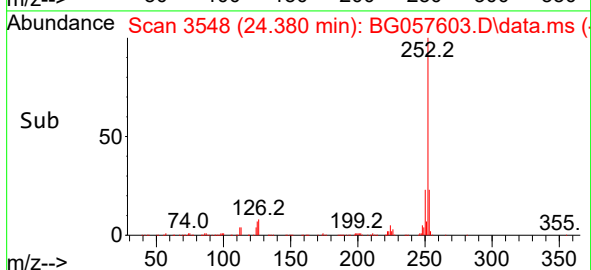
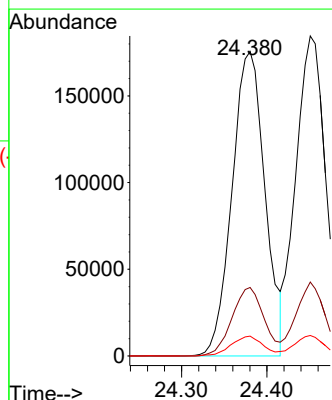
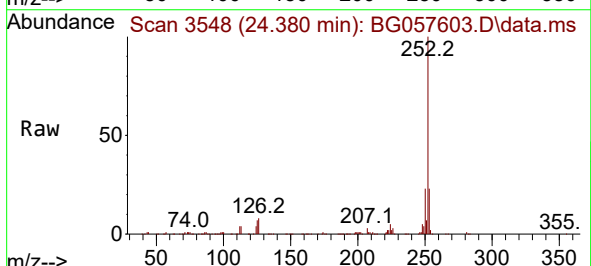
Tgt Ion:252 Resp: 470689

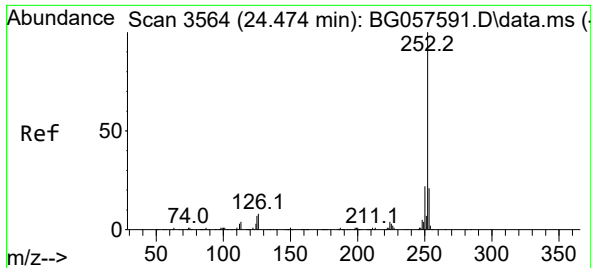
Ion Ratio Lower Upper

252 100

253 22.5 18.4 27.6

125 6.5 5.2 7.8

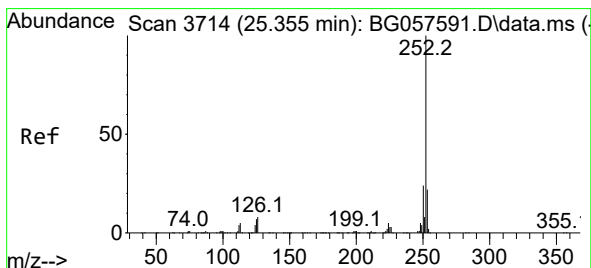
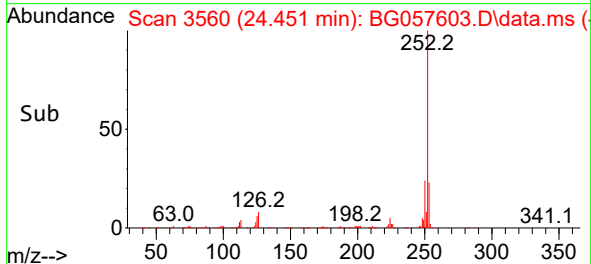
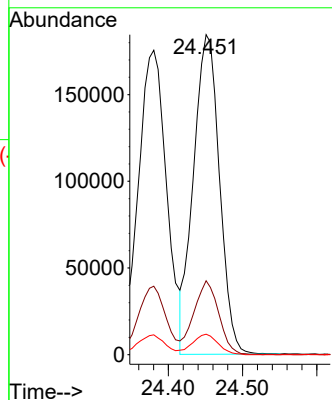
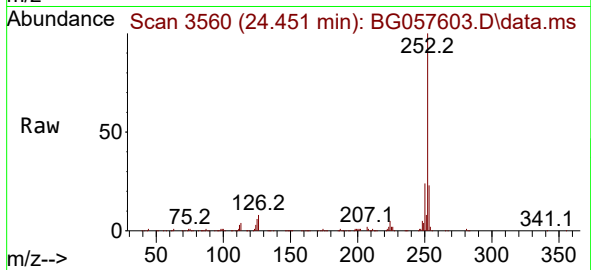




#89
Benzo(k)fluoranthene
Concen: 44.480 ng
RT: 24.451 min Scan# 31
Delta R.T. -0.023 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

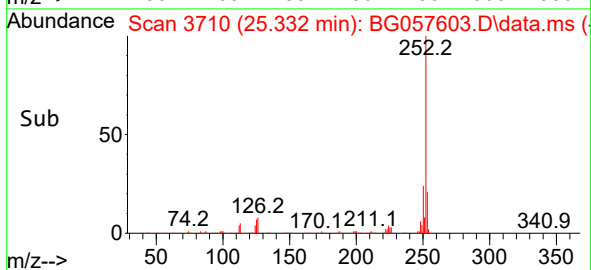
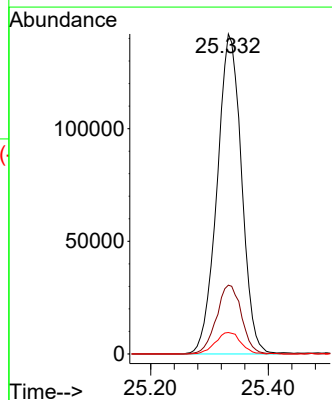
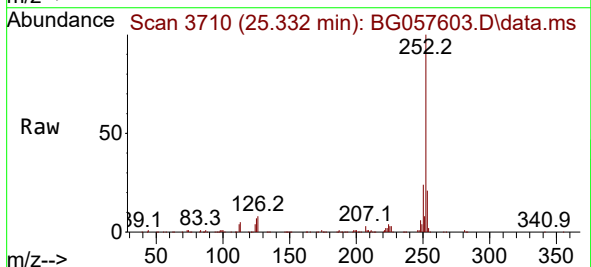
Instrument :
BNA_G
ClientSampleId :
PB153018BSD

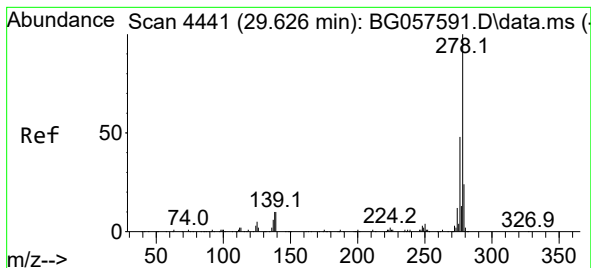
Tgt Ion:252 Resp: 449832
Ion Ratio Lower Upper
252 100
253 23.1 17.0 25.6
125 6.4 5.1 7.7



#90
Benzo(a)pyrene
Concen: 41.901 ng
RT: 25.332 min Scan# 3710
Delta R.T. -0.023 min
Lab File: BG057603.D
Acq: 27 May 2023 4:07

Tgt Ion:252 Resp: 409478
Ion Ratio Lower Upper
252 100
253 21.5 17.7 26.5
125 6.7 5.3 7.9





#91

Dibenzo(a,h)anthracene

Concen: 45.049 ng

RT: 29.591 min Scan# 4441

Delta R.T. -0.035 min

Lab File: BG057603.D

Acq: 27 May 2023 4:07

Instrument :

BNA_G

ClientSampleId :

PB153018BSD

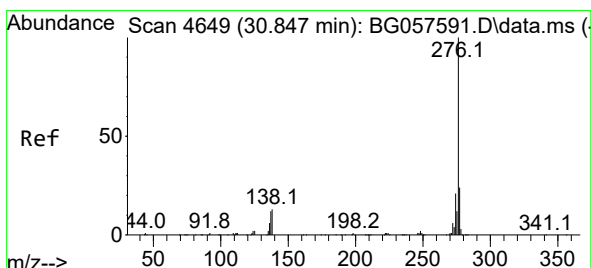
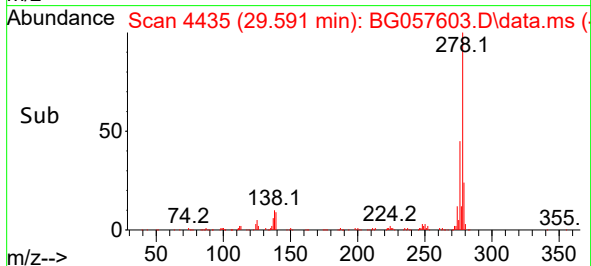
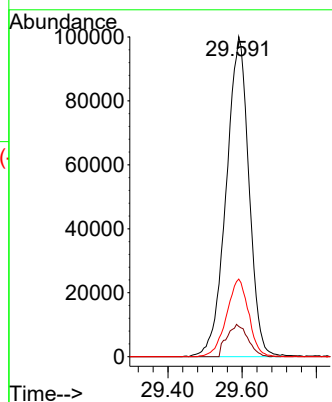
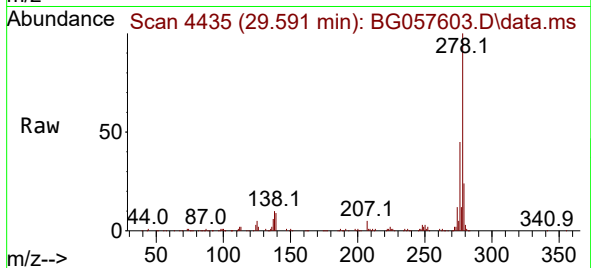
Tgt Ion:278 Resp: 425546

Ion Ratio Lower Upper

278 100

139 9.4 7.8 11.8

279 24.2 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 45.203 ng

RT: 30.813 min Scan# 4643

Delta R.T. -0.035 min

Lab File: BG057603.D

Acq: 27 May 2023 4:07

Tgt Ion:276 Resp: 416442

Ion Ratio Lower Upper

276 100

277 22.4 18.9 28.3

138 13.6 10.2 15.4

