

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052723\
 Data File : BG057602.D
 Acq On : 27 May 2023 3:25
 Operator : CG/JU
 Sample : PB153018BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153018BS

Quant Time: May 27 04:49:04 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	16088	20.000	ng	0.00
21) Naphthalene-d8	11.186	136	69804	20.000	ng	# 0.00
39) Acenaphthene-d10	14.963	164	57874	20.000	ng	0.00
64) Phenanthrene-d10	17.707	188	168841	20.000	ng	0.00
76) Chrysene-d12	22.019	240	156564	20.000	ng	0.00
86) Perylene-d12	25.520	264	168706	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.864	112	140835	152.085	ng	0.00
7) Phenol-d6	7.497	99	214220	147.817	ng	0.00
23) Nitrobenzene-d5	9.530	82	127581	85.438	ng	0.00
42) 2,4,6-Tribromophenol	16.450	330	125280	135.207	ng	0.00
45) 2-Fluorobiphenyl	13.589	172	337304	83.759	ng	0.00
79) Terphenyl-d14	20.274	244	815468	90.223	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.649	88	13197	34.396	ng	95
3) Pyridine	4.078	79	36191	30.854	ng	96
4) n-Nitrosodimethylamine	3.984	42	19848	41.821	ng	# 94
6) Aniline	7.656	93	57590	32.848	ng	97
8) 2-Chlorophenol	7.908	128	50493	50.789	ng	93
9) Benzaldehyde	7.474	77	30690	31.963	ng	94
10) Phenol	7.521	94	71155	51.875	ng	99
11) bis(2-Chloroethyl)ether	7.744	93	45339	44.267	ng	99
12) 1,3-Dichlorobenzene	8.231	146	50114	47.315	ng	96
13) 1,4-Dichlorobenzene	8.378	146	50977	47.309	ng	96
14) 1,2-Dichlorobenzene	8.707	146	49375	46.978	ng	94
15) Benzyl Alcohol	8.584	79	54132	48.557	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.866	45	57794	45.443	ng	96
17) 2-Methylphenol	8.789	107	49019	48.664	ng	98
18) Hexachloroethane	9.441	117	17994	48.769	ng	96
19) n-Nitroso-di-n-propyla...	9.148	70	42930	42.639	ng	99
20) 3+4-Methylphenols	9.118	107	66609	47.106	ng	98
22) Acetophenone	9.177	105	80635	43.200	ng	98
24) Nitrobenzene	9.571	77	63597	41.957	ng	96
25) Isophorone	10.088	82	121160	41.280	ng	99
26) 2-Nitrophenol	10.287	139	28871	44.423	ng	96
27) 2,4-Dimethylphenol	10.334	122	55988	49.828	ng	95
28) bis(2-Chloroethoxy)met...	10.563	93	65934	43.322	ng	99
29) 2,4-Dichlorophenol	10.834	162	58099	49.231	ng	99
30) 1,2,4-Trichlorobenzene	11.045	180	55558	43.196	ng	96
31) Naphthalene	11.233	128	157864	42.752	ng	99
32) Benzoic acid	10.493	122	25449	40.113	ng	95
33) 4-Chloroaniline	11.345	127	39240	23.108	ng	98
34) Hexachlorobutadiene	11.503	225	37658	42.331	ng	97
35) Caprolactam	12.114	113	13295	27.175	ng	96
36) 4-Chloro-3-methylphenol	12.443	107	68811	49.260	ng	96
37) 2-Methylnaphthalene	12.813	142	121734	42.004	ng	98
38) 1-Methylnaphthalene	13.031	142	114785	41.504	ng	99
40) 1,2,4,5-Tetrachloroben...	13.178	216	80636	42.449	ng	99
41) Hexachlorocyclopentadiene	13.148	237	48857	92.366	ng	93
43) 2,4,6-Trichlorophenol	13.413	196	56039	46.859	ng	95

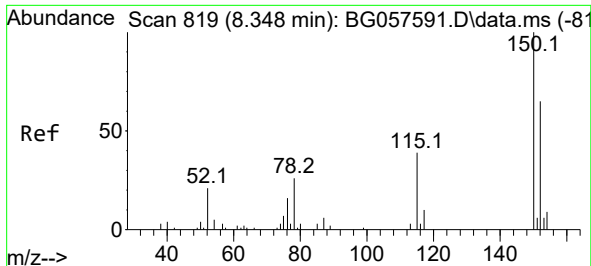
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052723\
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 QLast Update : Fri May 26 23:44:40 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.501	196	63414	44.522	ng	96
46) 1,1'-Biphenyl	13.800	154	180914	43.738	ng	98
47) 2-Chloronaphthalene	13.853	162	136038	43.664	ng	99
48) 2-Nitroaniline	14.059	65	49273	45.149	ng	98
49) Acenaphthylene	14.693	152	229429	43.487	ng	100
50) Dimethylphthalate	14.405	163	207804	43.566	ng	98
51) 2,6-Dinitrotoluene	14.535	165	46913	45.945	ng	94
52) Acenaphthene	15.028	154	138455	42.889	ng	94
53) 3-Nitroaniline	14.875	138	28333	26.604	ng #	97
54) 2,4-Dinitrophenol	15.093	184	59284	94.783	ng	99
55) Dibenzofuran	15.363	168	237755	43.102	ng	99
56) 4-Nitrophenol	15.187	139	71954	101.404	ng	97
57) 2,4-Dinitrotoluene	15.328	165	72156	47.198	ng	98
58) Fluorene	16.009	166	205918	44.213	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.592	232	65314	48.947	ng #	99
60) Diethylphthalate	15.751	149	222248	44.641	ng	99
61) 4-Chlorophenyl-phenyle...	15.986	204	114106	43.961	ng	99
62) 4-Nitroaniline	16.033	138	49850	43.392	ng	97
63) Azobenzene	16.279	77	198242	44.774	ng	99
65) 4,6-Dinitro-2-methylph...	16.097	198	47691	46.390	ng	96
66) n-Nitrosodiphenylamine	16.203	169	187191	42.656	ng	98
67) 4-Bromophenyl-phenylether	16.878	248	80222	42.357	ng	99
68) Hexachlorobenzene	17.014	284	86389	44.250	ng	99
69) Atrazine	17.137	200	90668	48.123	ng	100
70) Pentachlorophenol	17.360	266	84034	84.477	ng	99
71) Phenanthrene	17.748	178	376052	43.523	ng	99
72) Anthracene	17.842	178	381372	43.026	ng	99
73) Carbazole	18.106	167	351625	44.345	ng	99
74) Di-n-butylphthalate	18.623	149	398707	42.356	ng	99
75) Fluoranthene	19.739	202	480987	42.881	ng	99
77) Benzidine	19.910	184	227057	47.926	ng	99
78) Pyrene	20.104	202	486796	43.668	ng	98
80) Butylbenzylphthalate	20.949	149	177561	43.735	ng	99
81) Benzo(a)anthracene	21.995	228	477950	44.003	ng	99
82) 3,3'-Dichlorobenzidine	21.889	252	120162	29.999	ng	98
83) Chrysene	22.071	228	438090	42.680	ng	99
84) Bis(2-ethylhexyl)phtha...	21.836	149	252323	43.570	ng	99
85) Di-n-octyl phthalate	23.129	149	422404	44.004	ng	99
87) Indeno(1,2,3-cd)pyrene	29.579	276	532919	45.308	ng #	86
88) Benzo(b)fluoranthene	24.398	252	492797	47.456	ng	98
89) Benzo(k)fluoranthene	24.474	252	465192	44.388	ng	100
90) Benzo(a)pyrene	25.355	252	423901	41.859	ng	99
91) Dibenzo(a,h)anthracene	29.632	278	443787	45.335	ng	99
92) Benzo(g,h,i)perylene	30.854	276	430851	45.130	ng	100

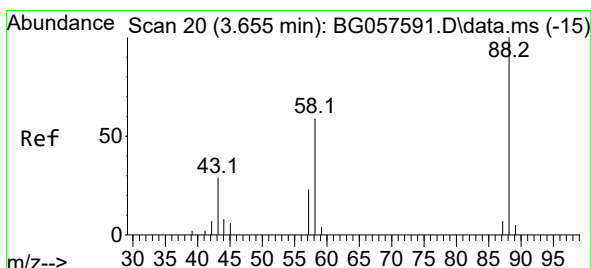
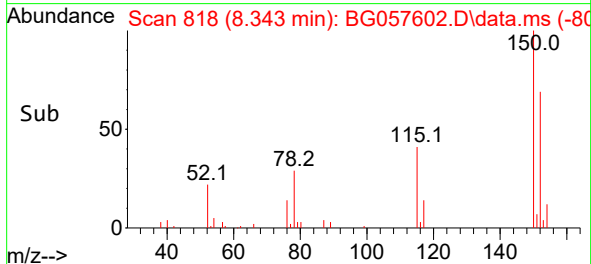
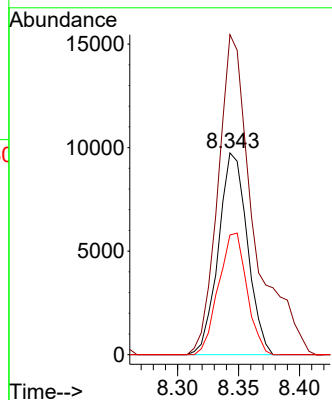
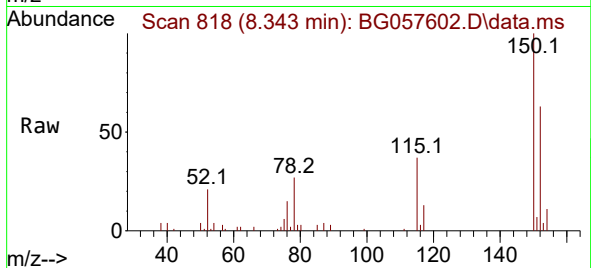
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.343 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG057602.D
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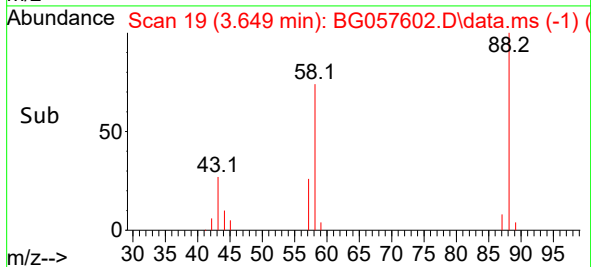
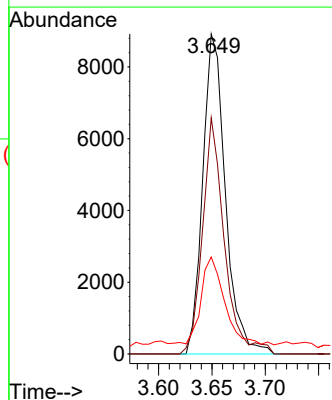
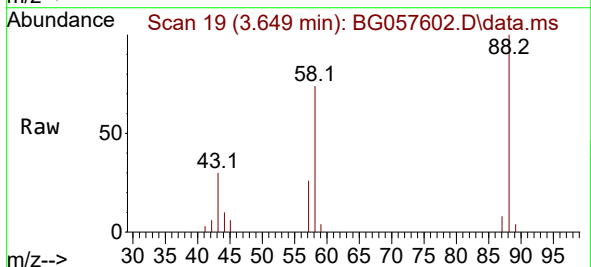
Instrument :
BNA_G
ClientSampleId :
PB153018BS

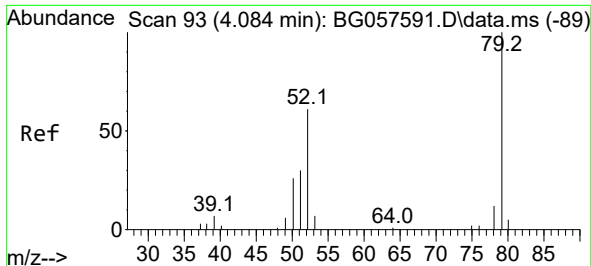
Tgt Ion:152 Resp: 16088
Ion Ratio Lower Upper
152 100
150 158.6 123.0 184.4
115 59.3 47.4 71.2



#2
1,4-Dioxane
Concen: 34.396 ng
RT: 3.649 min Scan# 19
Delta R.T. -0.006 min
Lab File: BG057602.D
Acq: 27 May 2023 3:25

Tgt Ion: 88 Resp: 13197
Ion Ratio Lower Upper
88 100
58 70.9 52.6 79.0
43 28.5 22.1 33.1



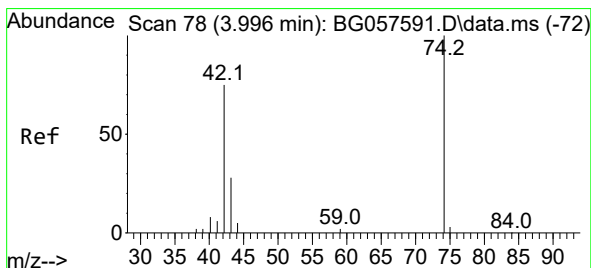
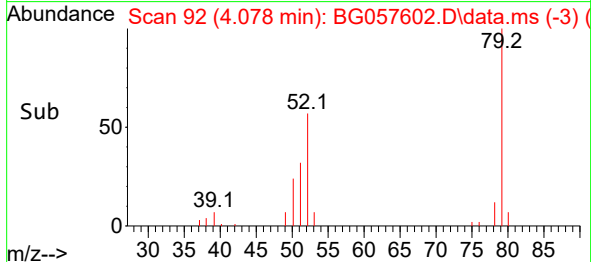
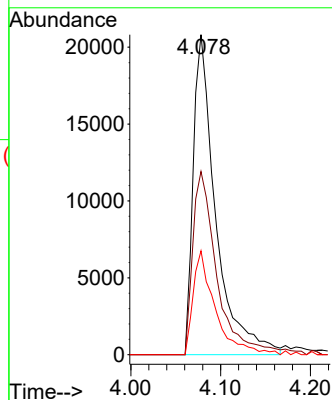
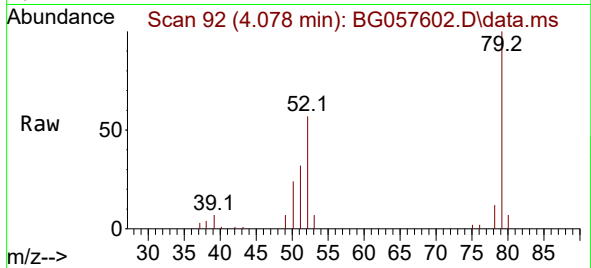


#3
 Pyridine
 Concen: 30.854 ng
 RT: 4.078 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BG057602.D
 Acq: 27 May 2023 3:25

Instrument :
 BNA_G
 ClientSampleId :
 PB153018BS

Tgt Ion: 79 Resp: 36191

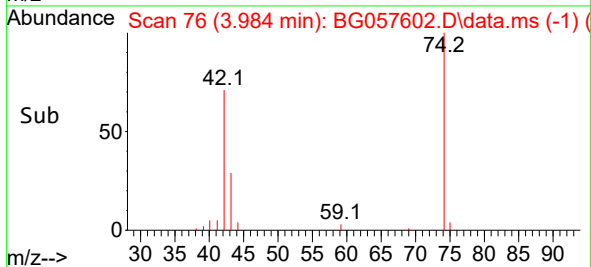
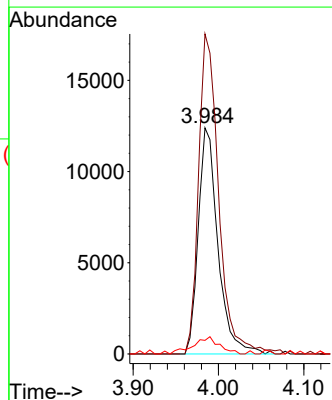
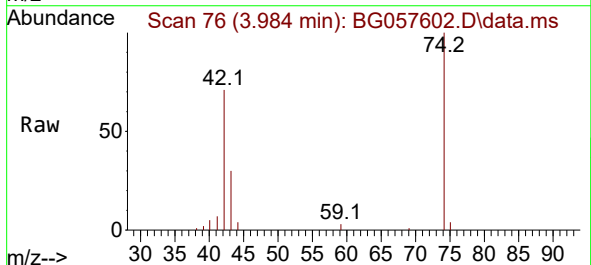
Ion	Ratio	Lower	Upper
79	100		
52	57.3	48.4	72.6
51	32.5	24.4	36.6

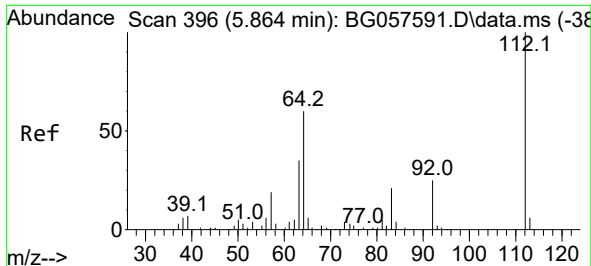


#4
 n-Nitrosodimethylamine
 Concen: 41.821 ng
 RT: 3.984 min Scan# 76
 Delta R.T. -0.011 min
 Lab File: BG057602.D
 Acq: 27 May 2023 3:25

Tgt Ion: 42 Resp: 19848

Ion	Ratio	Lower	Upper
42	100		
74	141.5	107.3	160.9
44	6.0	6.1	9.1

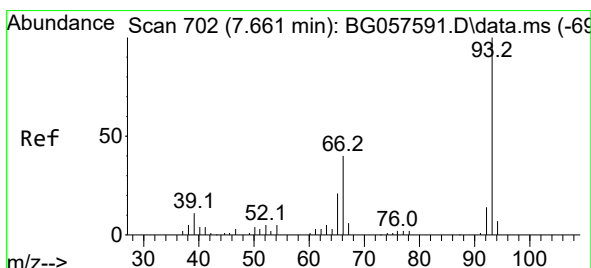
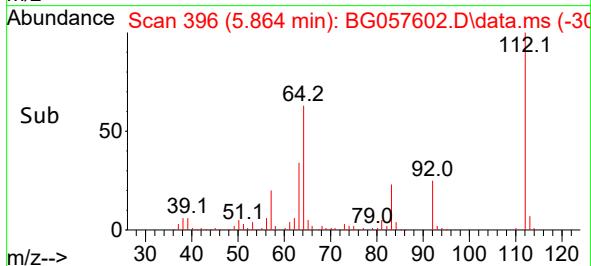
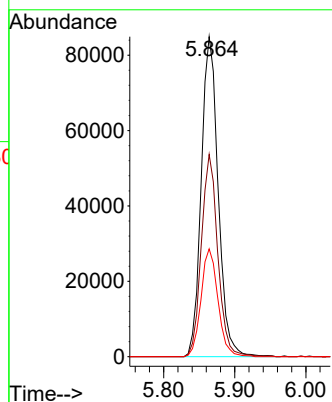
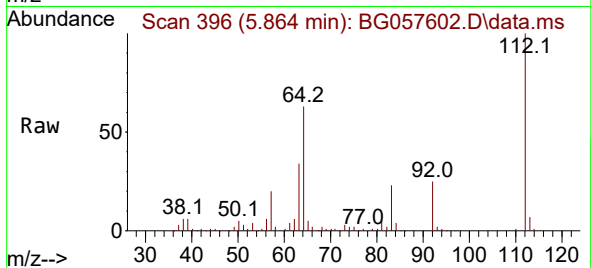




#5
2-Fluorophenol
Concen: 152.085 ng
RT: 5.864 min Scan# 396
Delta R.T. 0.000 min
Lab File: BG057602.D
Acq: 27 May 2023 3:25

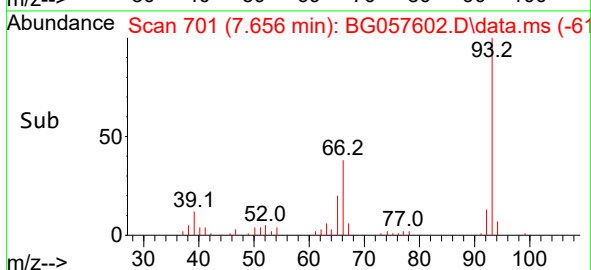
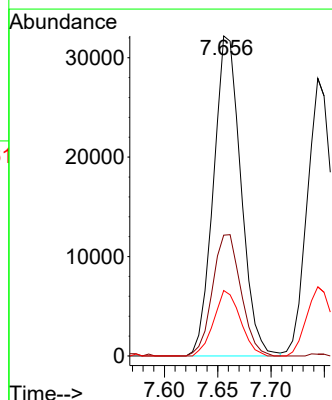
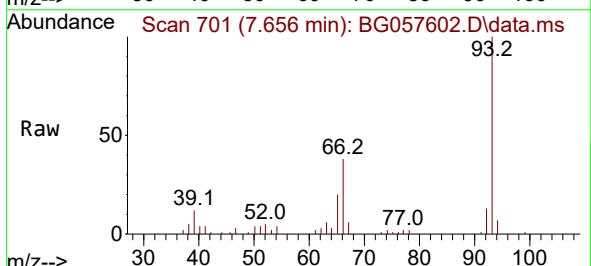
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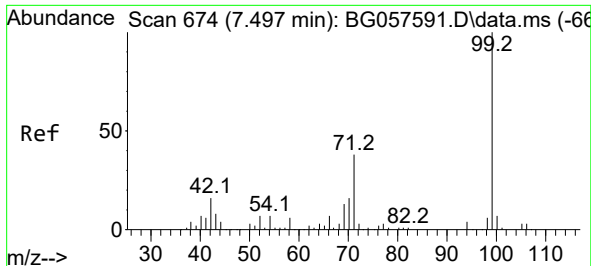
Tgt Ion:112 Resp: 140835
Ion Ratio Lower Upper
112 100
64 63.2 47.8 71.6
63 33.7 27.8 41.8



#6
Aniline
Concen: 32.848 ng
RT: 7.656 min Scan# 701
Delta R.T. -0.006 min
Lab File: BG057602.D
Acq: 27 May 2023 3:25

Tgt Ion: 93 Resp: 57590
Ion Ratio Lower Upper
93 100
66 37.7 32.2 48.4
65 20.4 16.7 25.1

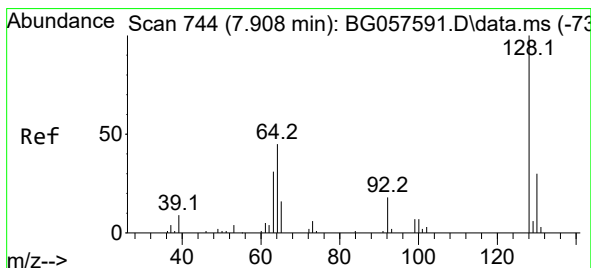
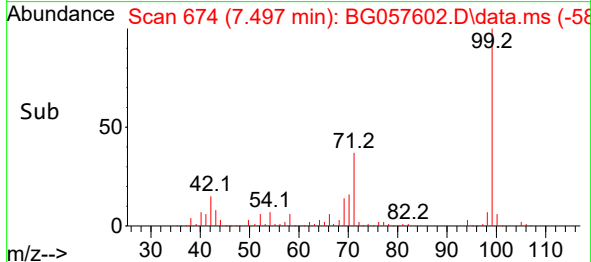
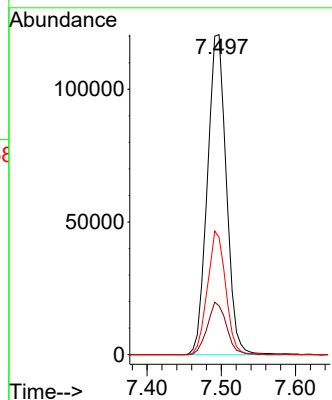
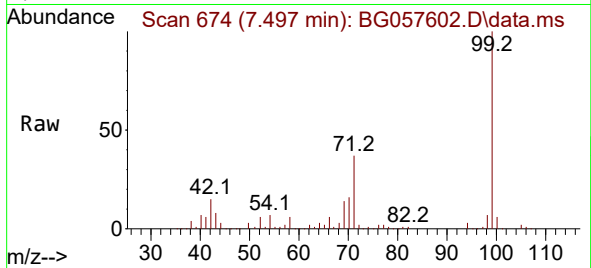




#7
Phenol-d6
Concen: 147.817 ng
RT: 7.497 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG057602.D
Acq: 27 May 2023 3:25

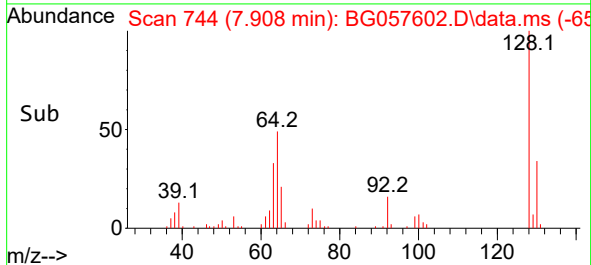
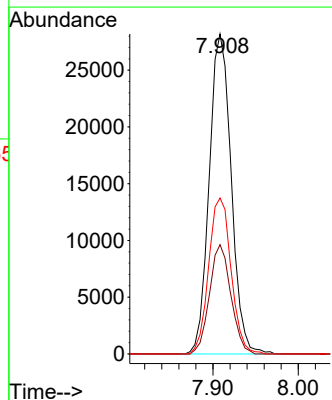
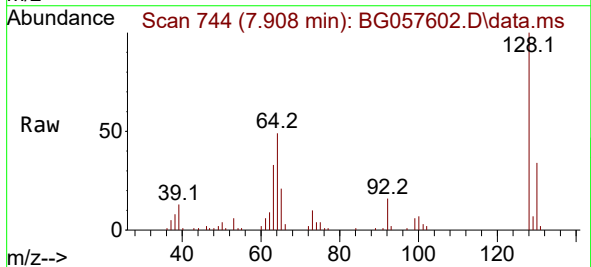
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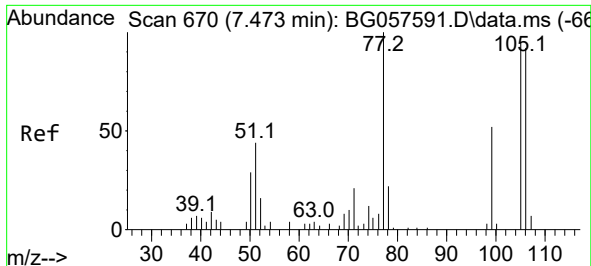
Tgt Ion: 99 Resp: 214220
Ion Ratio Lower Upper
99 100
42 15.3 12.8 19.2
71 36.6 30.3 45.5



#8
2-Chlorophenol
Concen: 50.789 ng
RT: 7.908 min Scan# 744
Delta R.T. 0.000 min
Lab File: BG057602.D
Acq: 27 May 2023 3:25

Tgt Ion:128 Resp: 50493
Ion Ratio Lower Upper
128 100
130 34.2 10.5 50.5
64 48.7 33.8 73.8

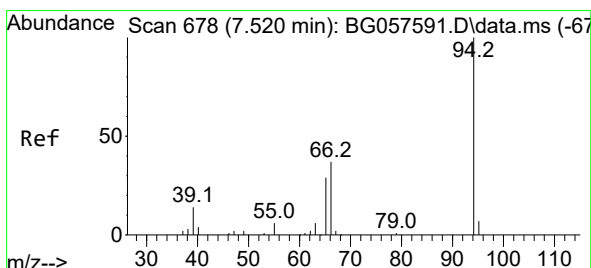
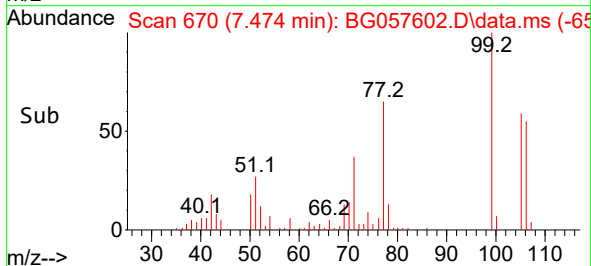
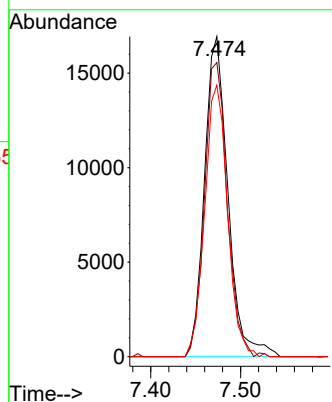
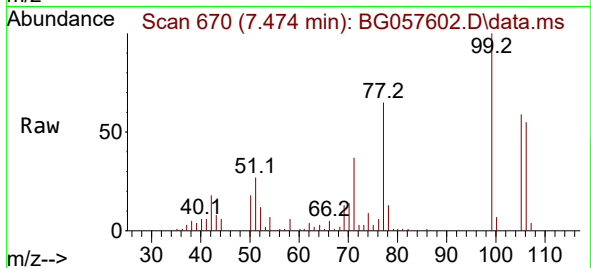




#9
Benzaldehyde
Concen: 31.963 ng
RT: 7.474 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG057602.D
Acq: 27 May 2023 3:25

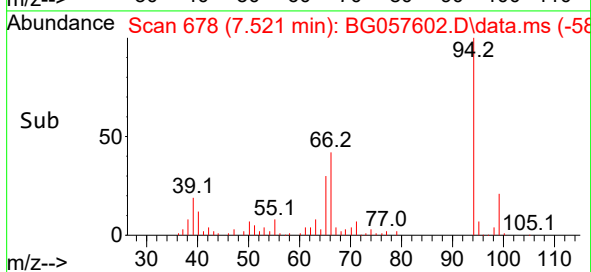
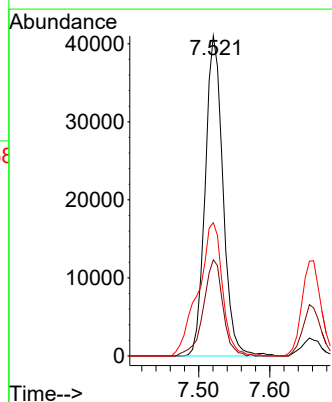
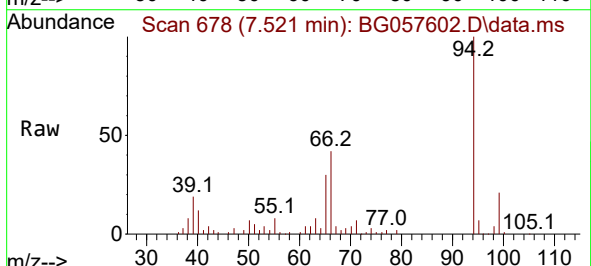
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ClientSampleId :
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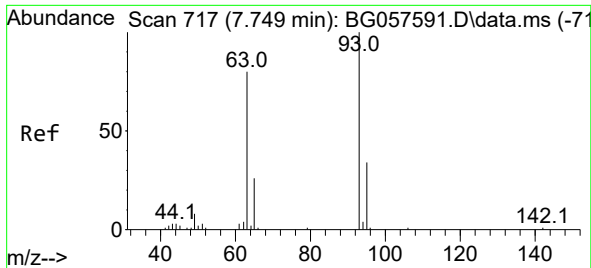
Tgt Ion: 77 Resp: 30690
Ion Ratio Lower Upper
77 100
105 91.9 75.0 115.0
106 84.8 72.5 112.5



#10
Phenol
Concen: 51.875 ng
RT: 7.521 min Scan# 678
Delta R.T. 0.000 min
Lab File: BG057602.D
Acq: 27 May 2023 3:25

Tgt Ion: 94 Resp: 71155
Ion Ratio Lower Upper
94 100
65 30.1 9.6 49.6
66 41.7 22.0 62.0

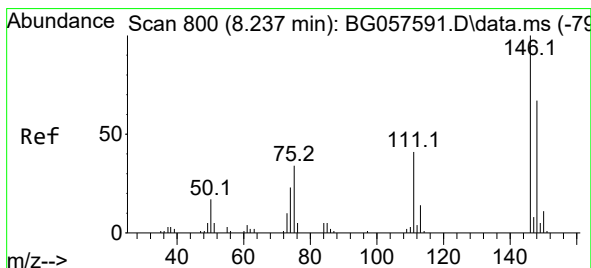
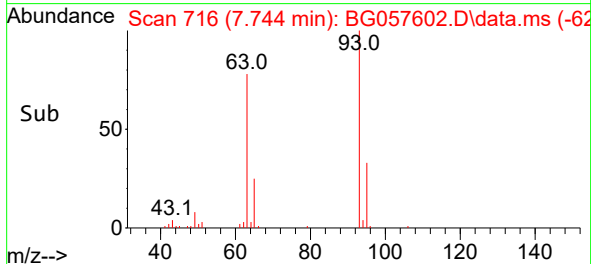
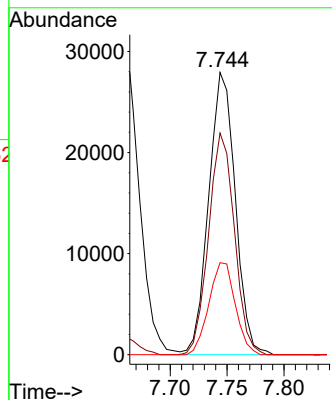
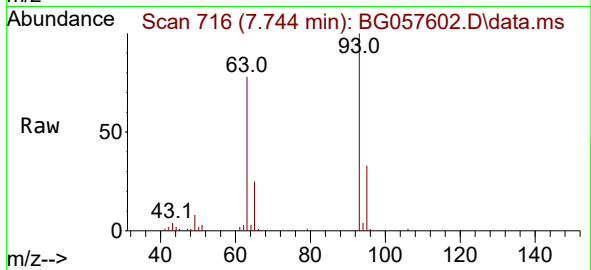




#11
bis(2-Chloroethyl)ether
Concen: 44.267 ng
RT: 7.744 min Scan# 716
Delta R.T. -0.006 min
Lab File: BG057602.D
Acq: 27 May 2023 3:25

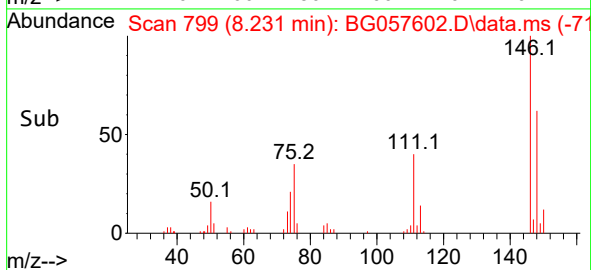
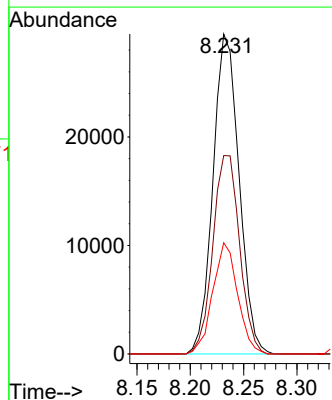
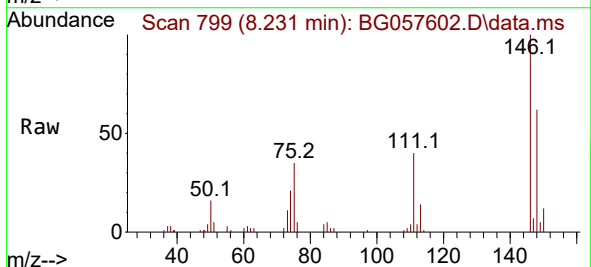
Instrument :
BNA_G
ClientSampleId :
PB153018BS

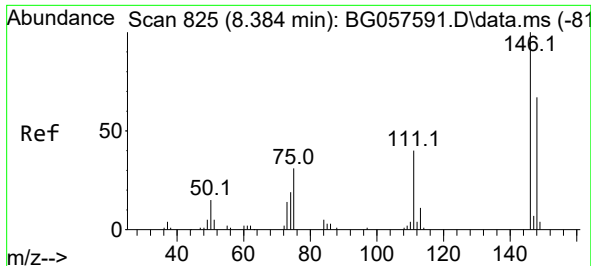
Tgt Ion: 93 Resp: 45339
Ion Ratio Lower Upper
93 100
63 78.5 59.3 99.3
95 32.6 14.1 54.1



#12
1,3-Dichlorobenzene
Concen: 47.315 ng
RT: 8.231 min Scan# 799
Delta R.T. -0.006 min
Lab File: BG057602.D
Acq: 27 May 2023 3:25

Tgt Ion:146 Resp: 50114
Ion Ratio Lower Upper
146 100
148 62.0 53.4 80.0
75 34.7 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 47.309 ng

RT: 8.378 min Scan# 81

Delta R.T. -0.006 min

Lab File: BG057602.D

Acq: 27 May 2023 3:25

Instrument :

BNA_G

ClientSampleId :

PB153018BS

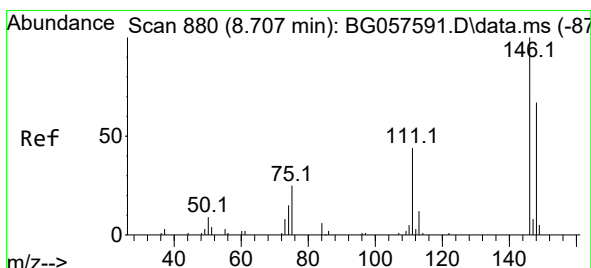
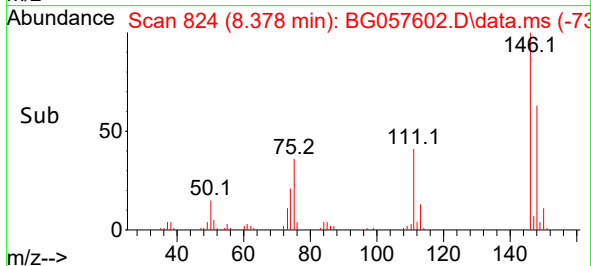
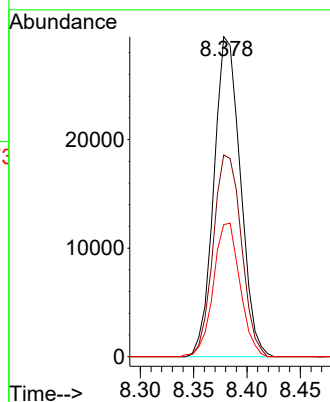
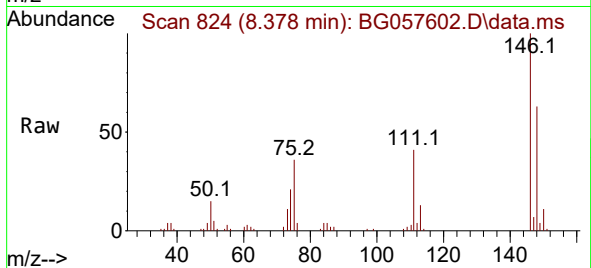
Tgt Ion:146 Resp: 50977

Ion Ratio Lower Upper

146 100

148 63.1 53.8 80.6

111 41.2 31.9 47.9



#14

1,2-Dichlorobenzene

Concen: 46.978 ng

RT: 8.707 min Scan# 880

Delta R.T. 0.000 min

Lab File: BG057602.D

Acq: 27 May 2023 3:25

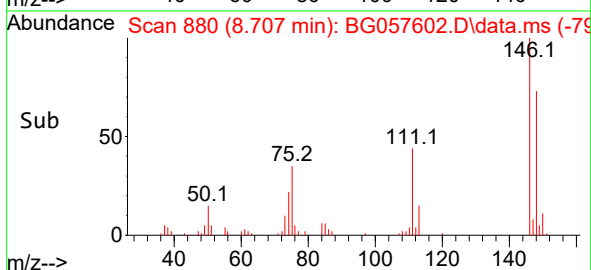
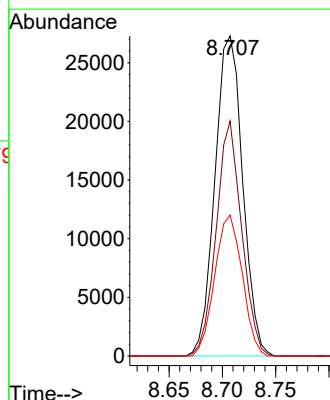
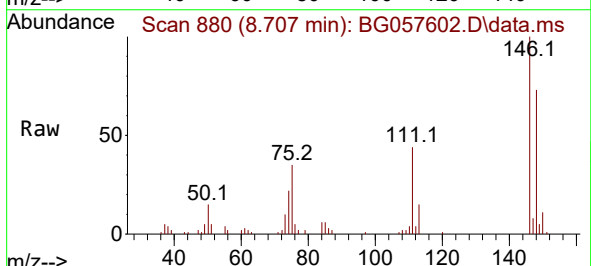
Tgt Ion:146 Resp: 49375

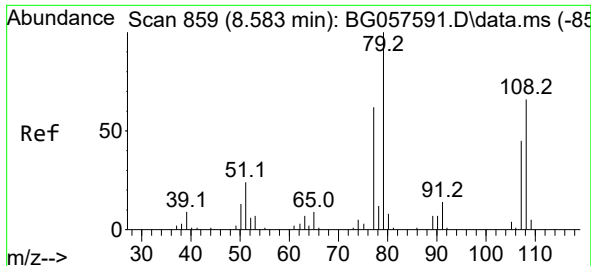
Ion Ratio Lower Upper

146 100

148 73.4 53.5 80.3

111 44.0 36.6 54.8

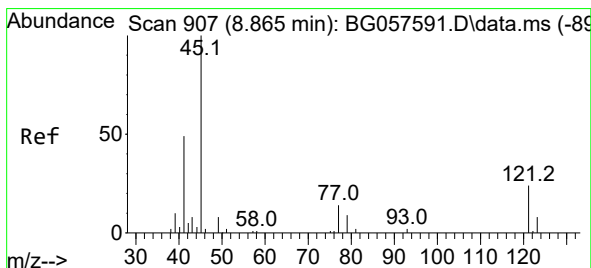
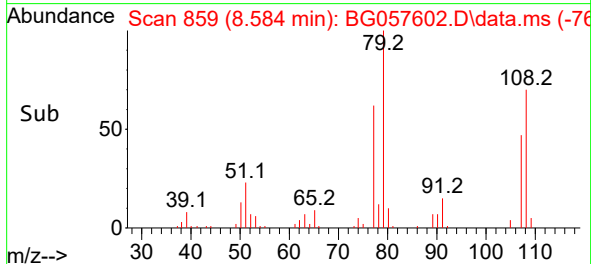
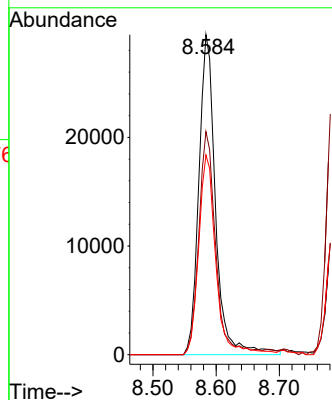
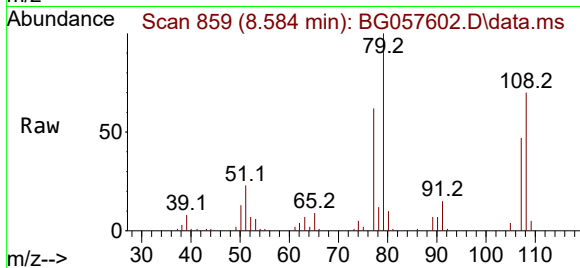




#15
Benzyl Alcohol
Concen: 48.557 ng
RT: 8.584 min Scan# 859
Delta R.T. 0.000 min
Lab File: BG057602.D
Acq: 27 May 2023 3:25

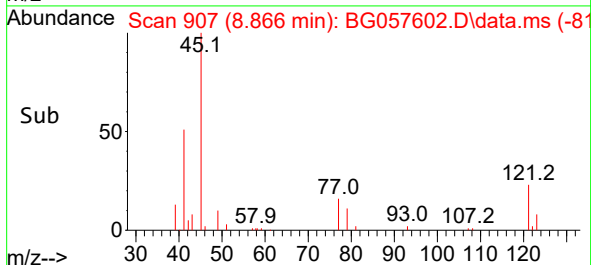
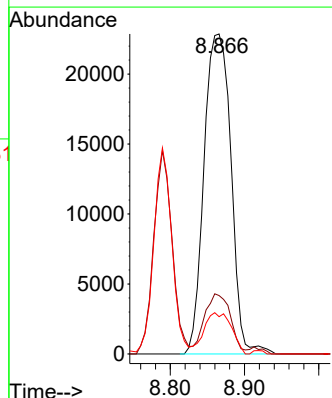
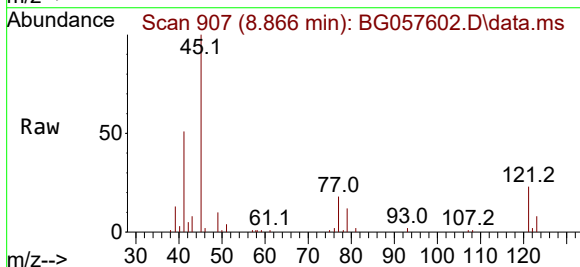
Instrument :
BNA_G
ClientSampleId :
PB153018BS

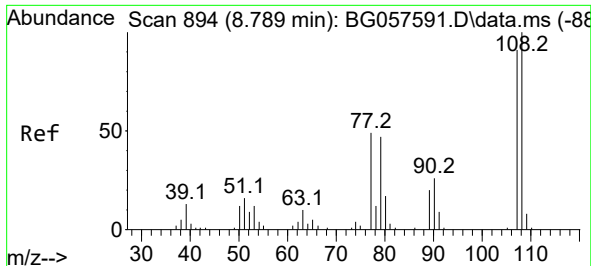
Tgt Ion: 79 Resp: 54132
Ion Ratio Lower Upper
79 100
108 69.7 52.6 78.8
77 62.4 49.7 74.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.443 ng
RT: 8.866 min Scan# 907
Delta R.T. 0.000 min
Lab File: BG057602.D
Acq: 27 May 2023 3:25

Tgt Ion: 45 Resp: 57794
Ion Ratio Lower Upper
45 100
77 18.2 0.0 39.2
79 11.7 0.0 34.2

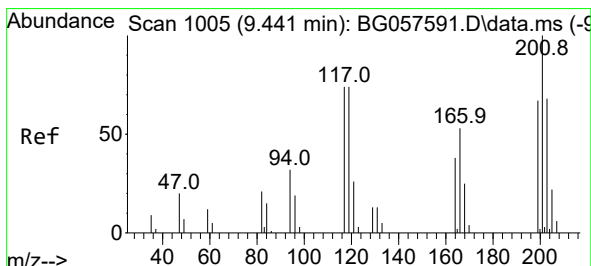
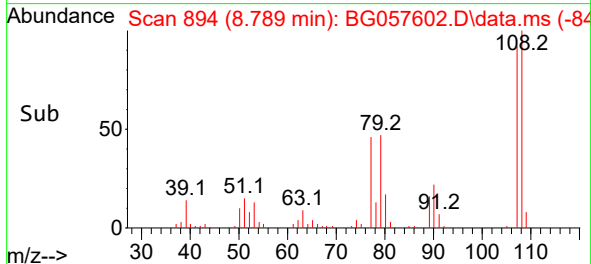
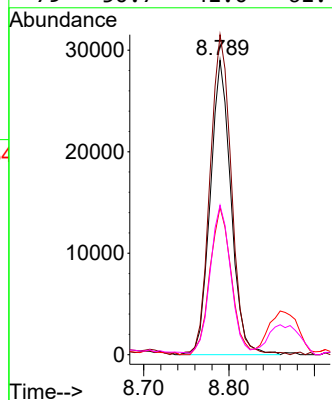
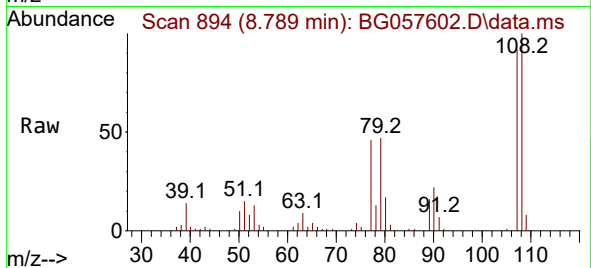




#17
2-Methylphenol
Concen: 48.664 ng
RT: 8.789 min Scan# 894
Delta R.T. 0.000 min
Lab File: BG057602.D
Acq: 27 May 2023 3:25

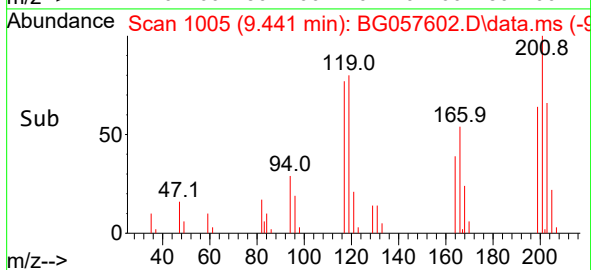
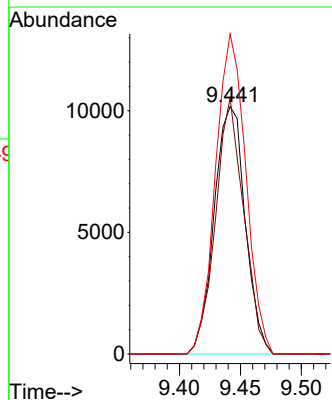
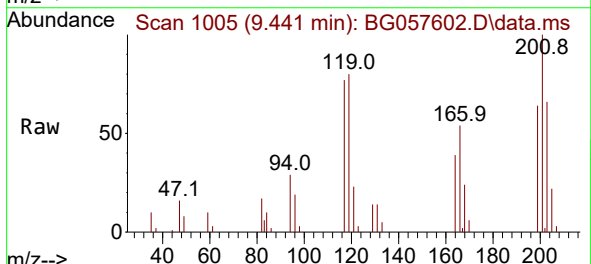
Instrument :
BNA_G
ClientSampleId :
PB153018BS

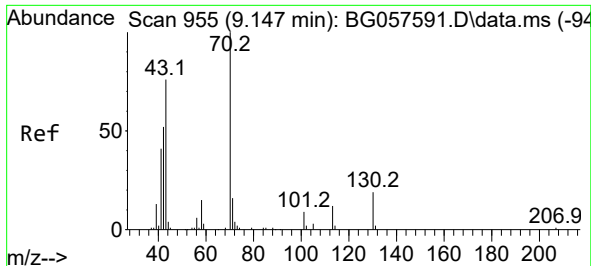
Tgt Ion:	107	Resp:	49019
Ion	Ratio	Lower	Upper
107	100		
108	108.7	87.7	131.5
77	50.1	43.0	64.6
79	50.7	41.0	61.4



#18
Hexachloroethane
Concen: 48.769 ng
RT: 9.441 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BG057602.D
Acq: 27 May 2023 3:25

Tgt Ion:	117	Resp:	17994
Ion	Ratio	Lower	Upper
117	100		
119	103.5	80.6	121.0
201	129.4	108.8	163.2

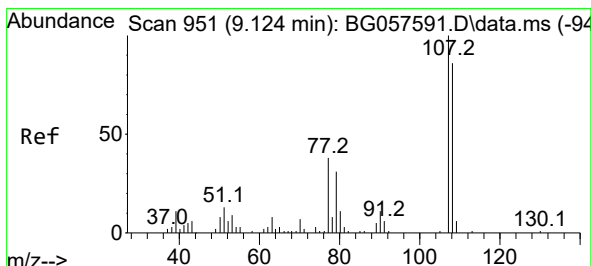
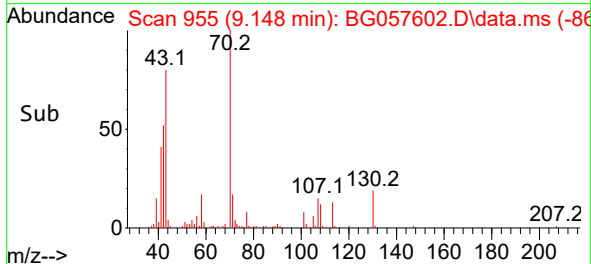
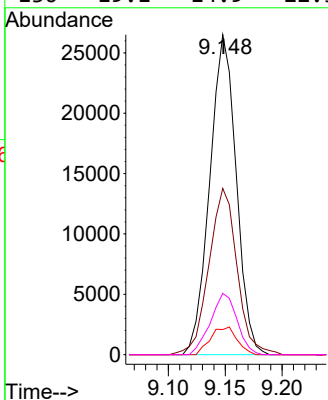
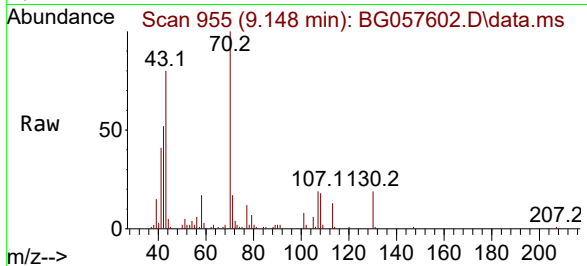




#19
n-Nitroso-di-n-propylamine
Concen: 42.639 ng
RT: 9.148 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG057602.D
Acq: 27 May 2023 3:25

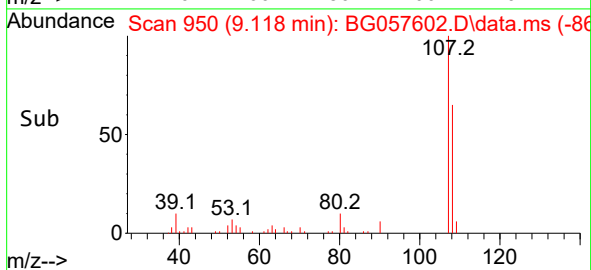
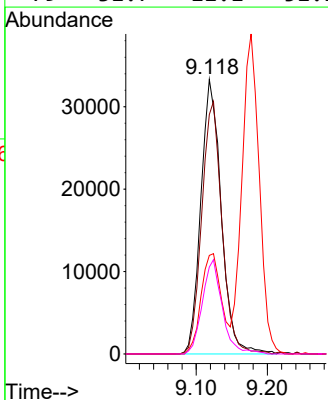
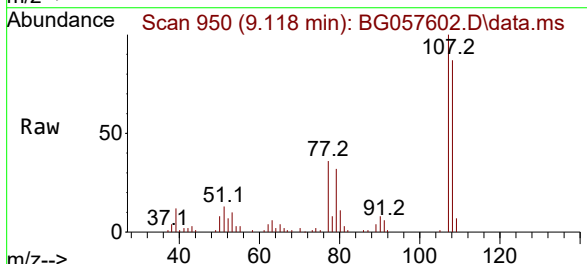
Instrument :
BNA_G
ClientSampleId :
PB153018BS

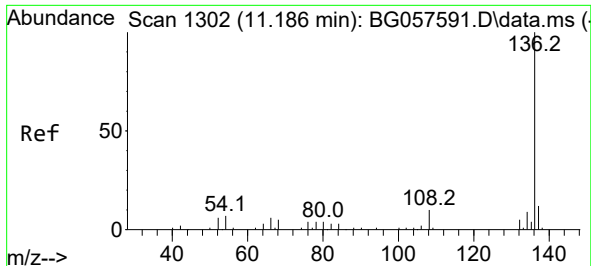
Tgt Ion:	70	Resp:	42930
Ion	Ratio	Lower	Upper
70	100		
42	51.9	41.4	62.0
101	7.8	6.9	10.3
130	19.1	14.9	22.3



#20
3+4-Methylphenols
Concen: 47.106 ng
RT: 9.118 min Scan# 950
Delta R.T. -0.006 min
Lab File: BG057602.D
Acq: 27 May 2023 3:25

Tgt Ion:	107	Resp:	66609
Ion	Ratio	Lower	Upper
107	100		
108	87.2	65.6	105.6
77	35.9	18.0	58.0
79	31.7	11.1	51.1





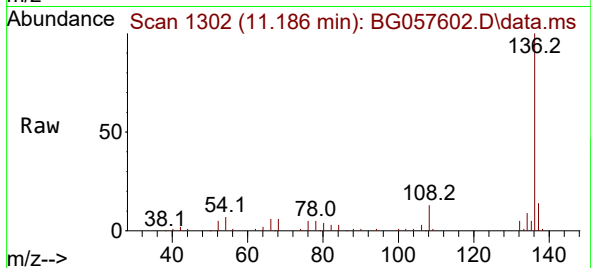
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.186 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG057602.D
Acq: 27 May 2023 3:25

Instrument :

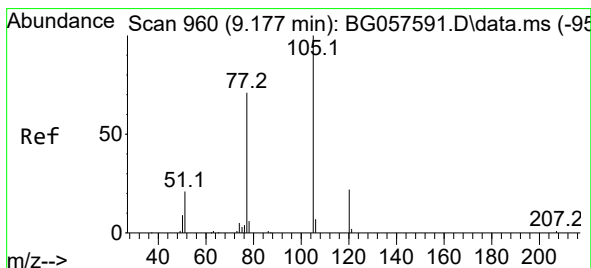
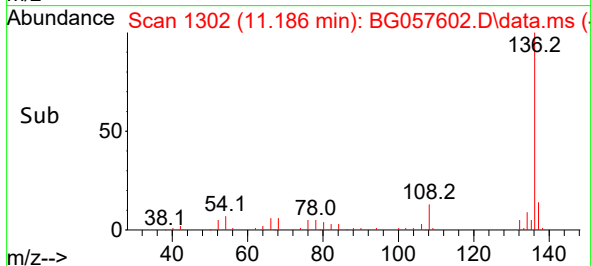
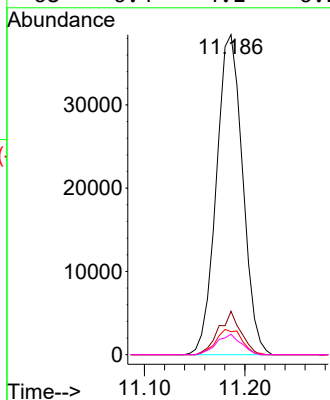
BNA_G

ClientSampleId :

PB153018BS

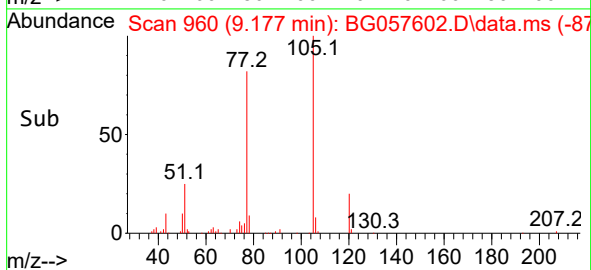
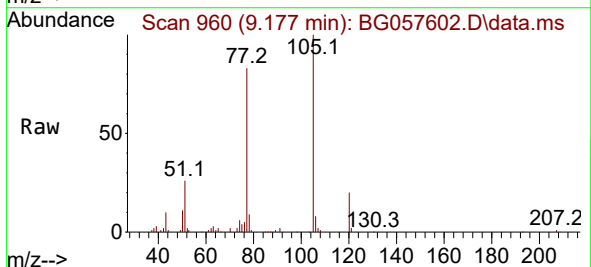
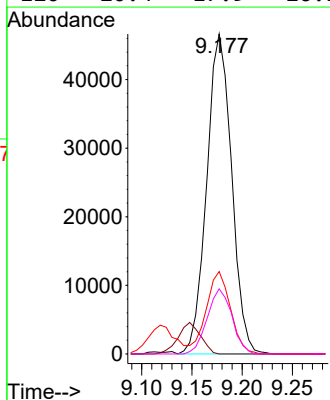


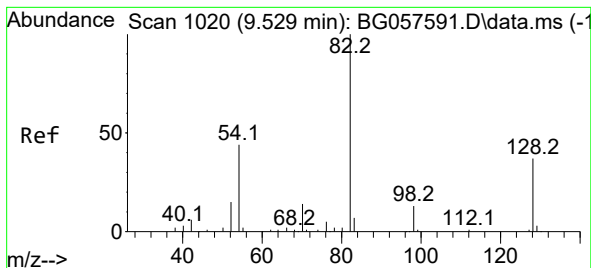
Tgt Ion:136 Resp: 69804
Ion Ratio Lower Upper
136 100
137 13.6 9.8 14.8
54 7.2 5.8 8.6
68 6.4 4.1 6.1#



#22
Acetophenone
Concen: 43.200 ng
RT: 9.177 min Scan# 960
Delta R.T. 0.000 min
Lab File: BG057602.D
Acq: 27 May 2023 3:25

Tgt Ion:105 Resp: 80635
Ion Ratio Lower Upper
105 100
71 0.0 0.0 0.0
51 25.7 20.7 31.1
120 20.4 17.9 26.9





#23

Nitrobenzene-d5

Concen: 85.438 ng

RT: 9.530 min Scan# 1020

Delta R.T. 0.000 min

Lab File: BG057602.D

Acq: 27 May 2023 3:25

Instrument :

BNA_G

ClientSampleId :

PB153018BS

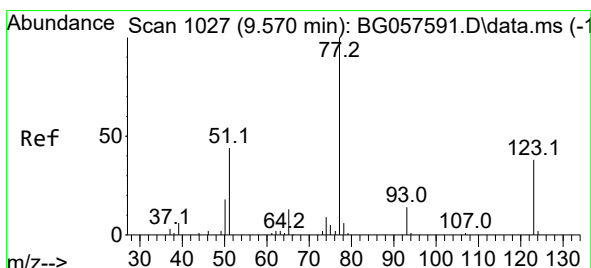
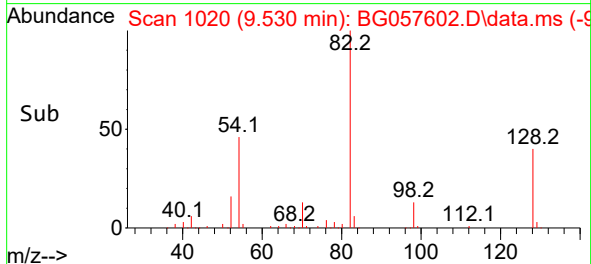
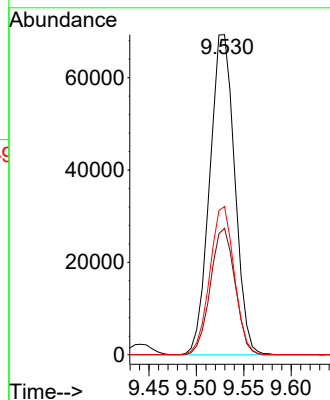
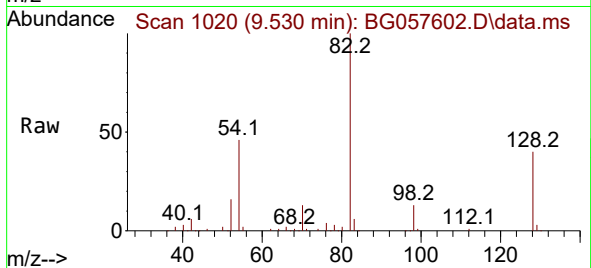
Tgt Ion: 82 Resp: 127581

Ion Ratio Lower Upper

82 100

128 39.5 30.0 45.0

54 46.3 35.2 52.8



#24

Nitrobenzene

Concen: 41.957 ng

RT: 9.571 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BG057602.D

Acq: 27 May 2023 3:25

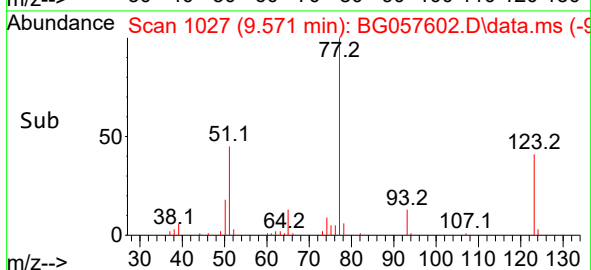
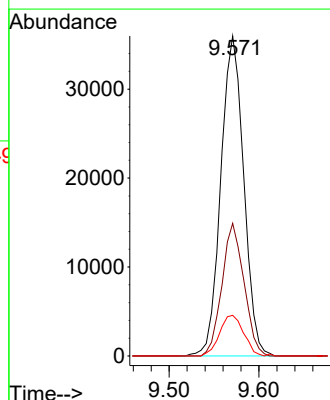
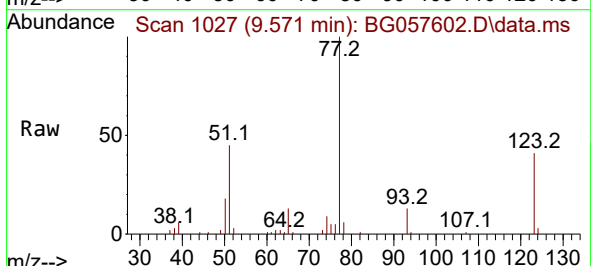
Tgt Ion: 77 Resp: 63597

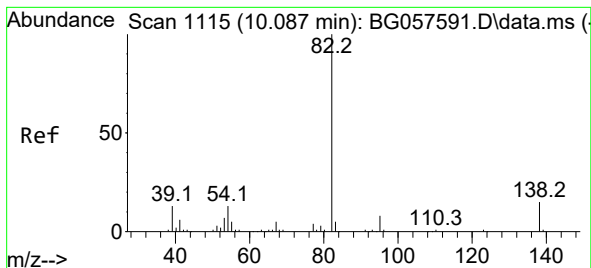
Ion Ratio Lower Upper

77 100

123 41.5 30.6 46.0

65 12.7 10.2 15.4





#25

Isophorone

Concen: 41.280 ng

RT: 10.088 min Scan# 1115

Delta R.T. 0.000 min

Lab File: BG057602.D

Acq: 27 May 2023 3:25

Instrument :

BNA_G

ClientSampleId :

PB153018BS

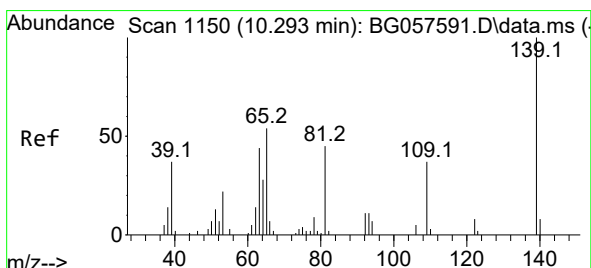
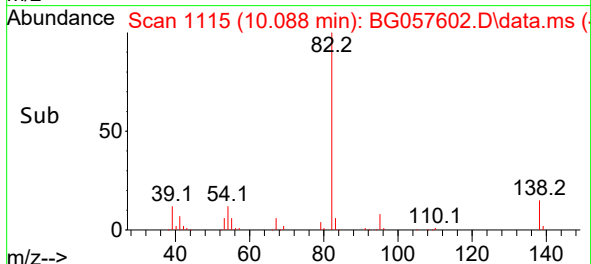
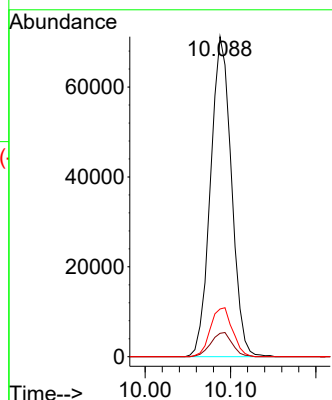
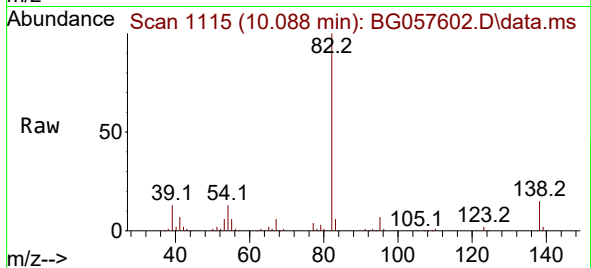
Tgt Ion: 82 Resp: 121160

Ion Ratio Lower Upper

82 100

95 7.3 6.3 9.5

138 14.9 12.0 18.0



#26

2-Nitrophenol

Concen: 44.423 ng

RT: 10.287 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BG057602.D

Acq: 27 May 2023 3:25

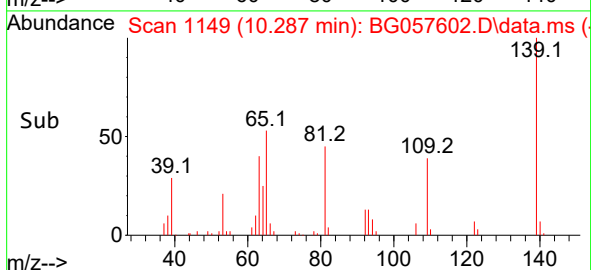
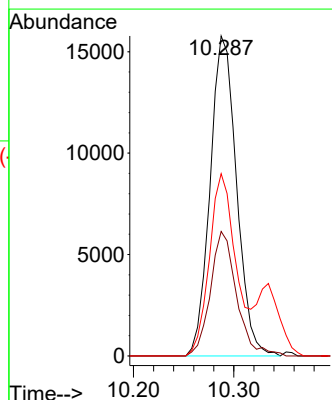
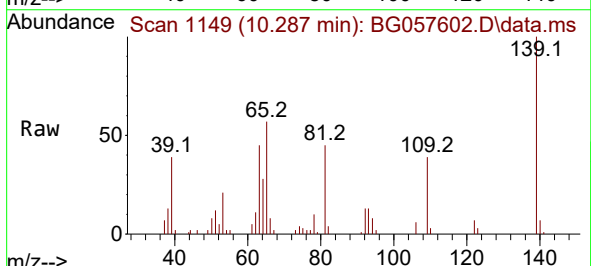
Tgt Ion:139 Resp: 28871

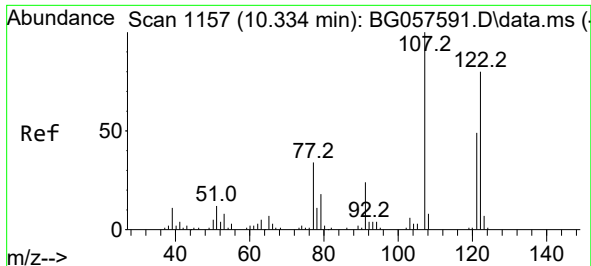
Ion Ratio Lower Upper

139 100

109 38.9 29.5 44.3

65 57.0 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 49.828 ng

RT: 10.334 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BG057602.D

Acq: 27 May 2023 3:25

Instrument :

BNA_G

ClientSampleId :

PB153018BS

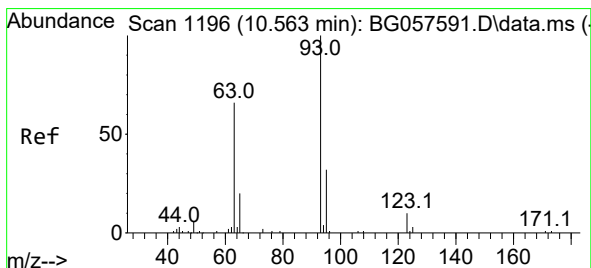
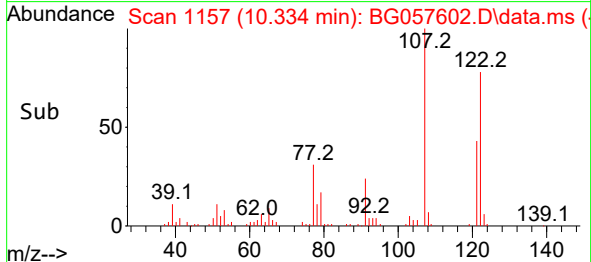
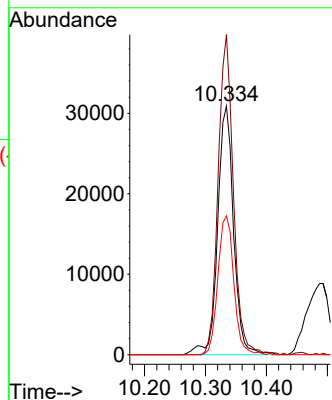
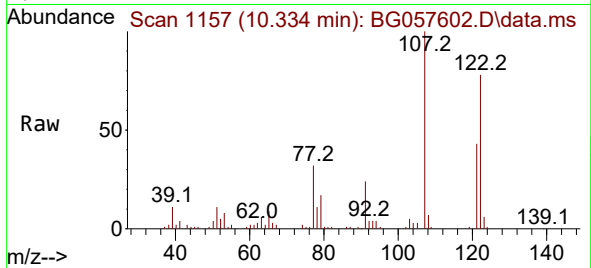
Tgt Ion:122 Resp: 55988

Ion Ratio Lower Upper

122 100

107 128.7 99.4 149.2

121 55.8 48.4 72.6



#28

bis(2-Chloroethoxy)methane

Concen: 43.322 ng

RT: 10.563 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BG057602.D

Acq: 27 May 2023 3:25

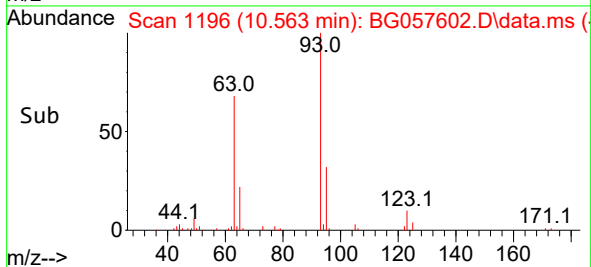
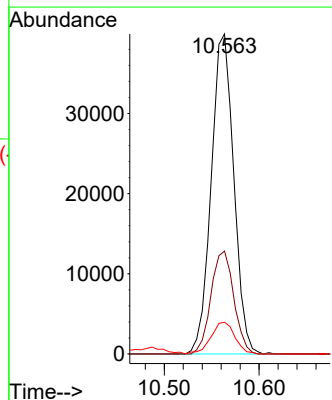
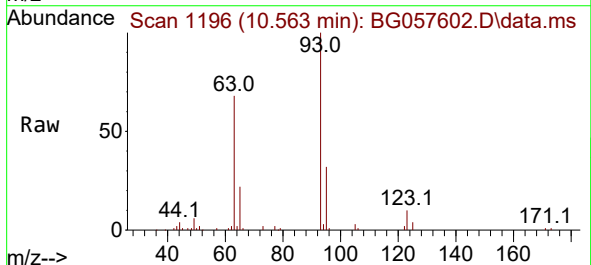
Tgt Ion: 93 Resp: 65934

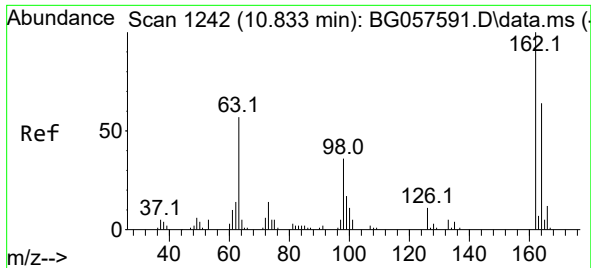
Ion Ratio Lower Upper

93 100

95 32.2 25.3 37.9

123 9.9 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 49.231 ng

RT: 10.834 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG057602.D

Acq: 27 May 2023 3:25

Instrument :

BNA_G

ClientSampleId :

PB153018BS

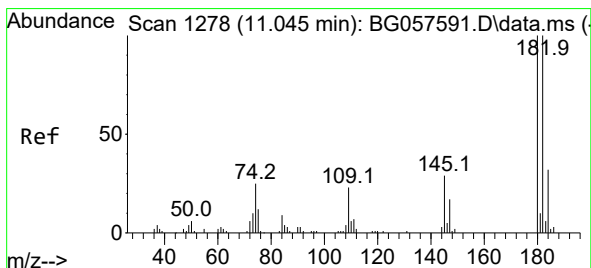
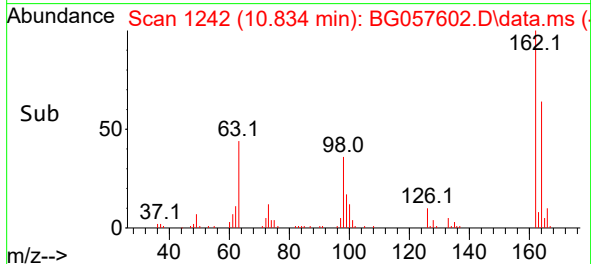
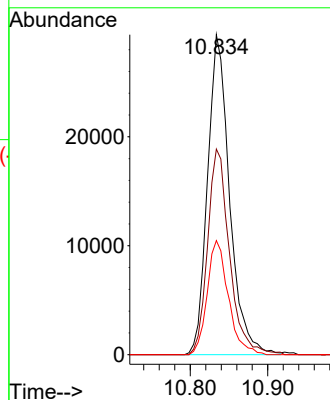
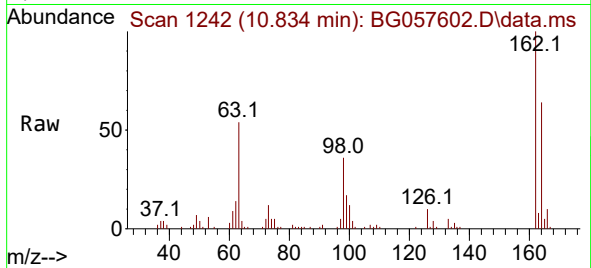
Tgt Ion:162 Resp: 58099

Ion Ratio Lower Upper

162 100

164 64.2 44.1 84.1

98 35.6 16.3 56.3



#30

1,2,4-Trichlorobenzene

Concen: 43.196 ng

RT: 11.045 min Scan# 1278

Delta R.T. 0.000 min

Lab File: BG057602.D

Acq: 27 May 2023 3:25

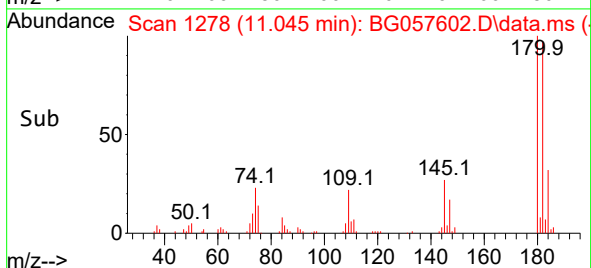
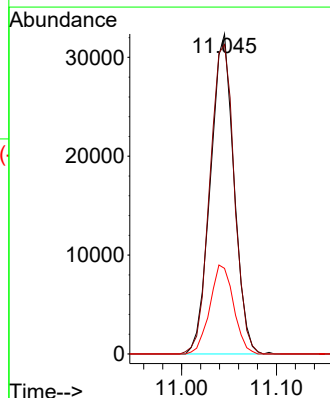
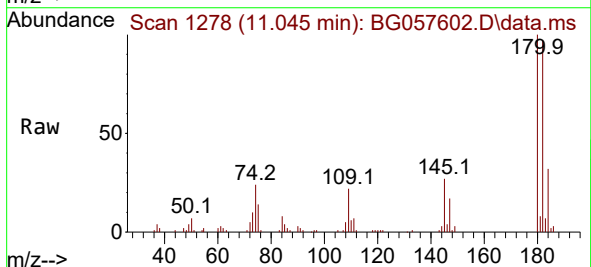
Tgt Ion:180 Resp: 55558

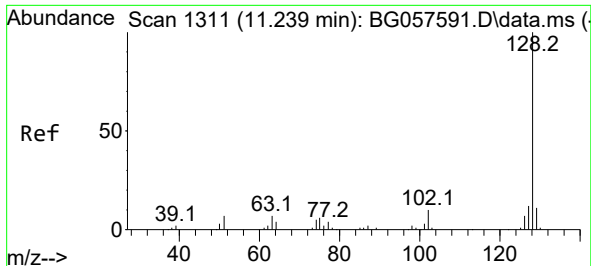
Ion Ratio Lower Upper

180 100

182 96.7 80.2 120.2

145 26.8 23.1 34.7

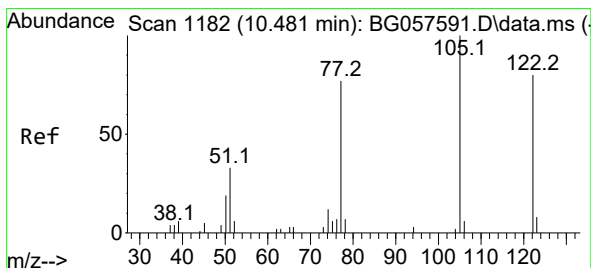
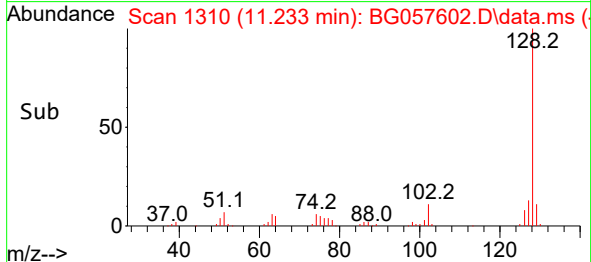
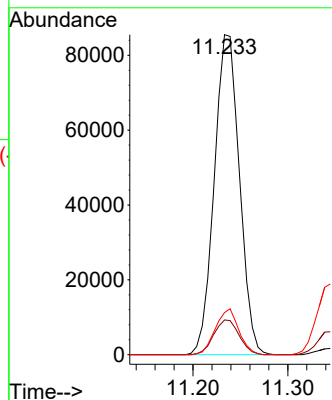
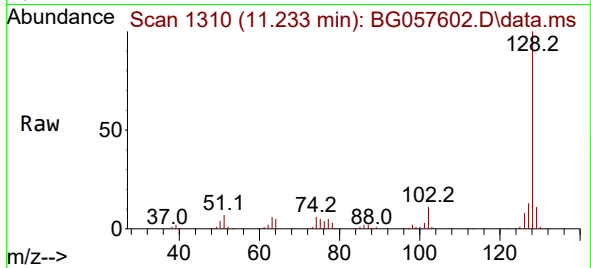




#31
Naphthalene
Concen: 42.752 ng
RT: 11.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG057602.D
Acq: 27 May 2023 3:25

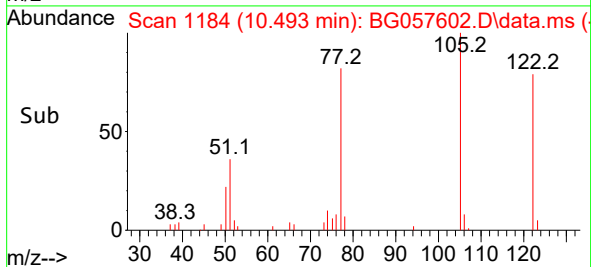
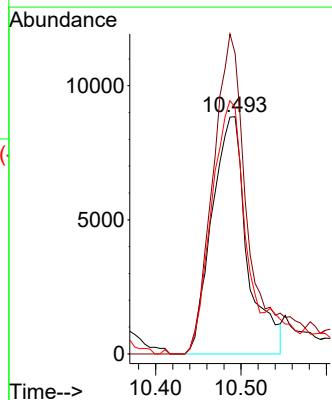
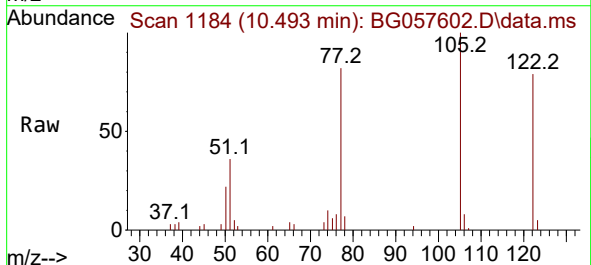
Instrument :
BNA_G
ClientSampleId :
PB153018BS

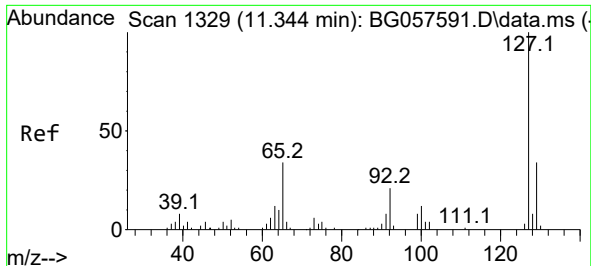
Tgt Ion:128 Resp: 157864
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.2 9.8 14.8



#32
Benzoic acid
Concen: 40.113 ng
RT: 10.493 min Scan# 1184
Delta R.T. 0.012 min
Lab File: BG057602.D
Acq: 27 May 2023 3:25

Tgt Ion:122 Resp: 25449
Ion Ratio Lower Upper
122 100
105 126.8 104.8 144.8
77 103.9 75.8 115.8

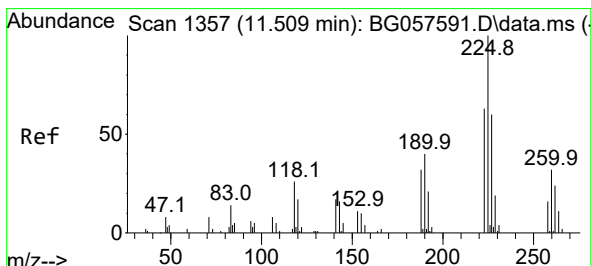
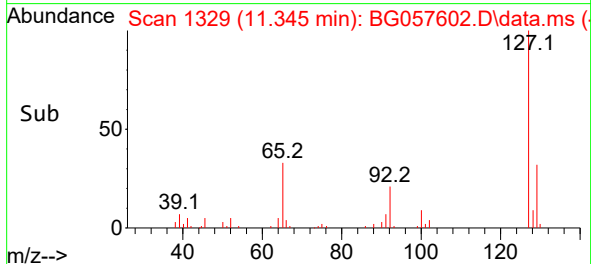
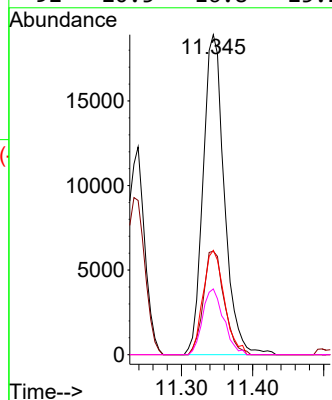
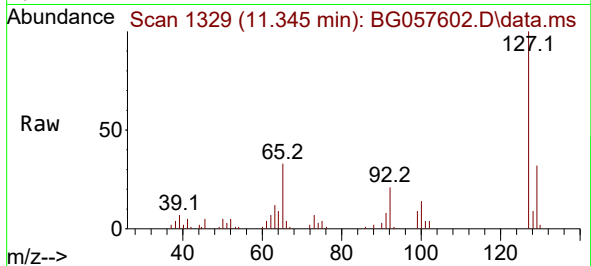




#33
4-Chloroaniline
Concen: 23.108 ng
RT: 11.345 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG057602.D
Acq: 27 May 2023 3:25

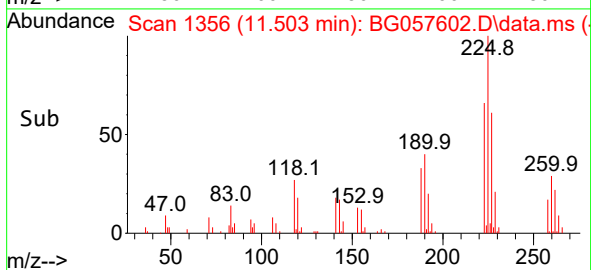
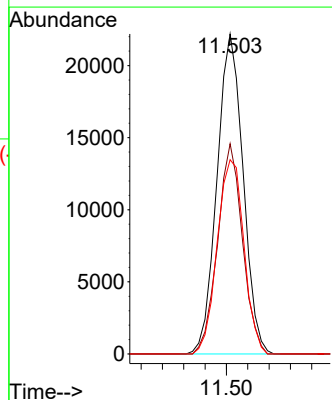
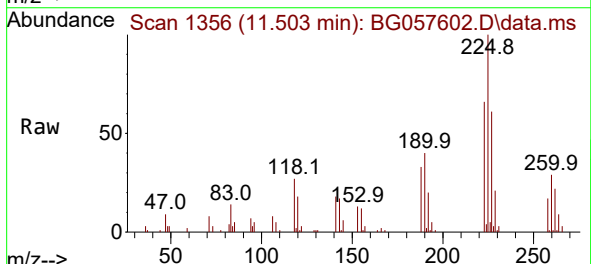
Instrument :
BNA_G
ClientSampleId :
PB153018BS

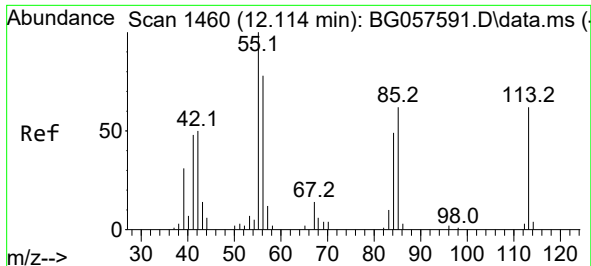
Tgt Ion:	127	Resp:	39240
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.9	40.3
65	32.6	27.3	40.9
92	20.5	16.8	25.2



#34
Hexachlorobutadiene
Concen: 42.331 ng
RT: 11.503 min Scan# 1356
Delta R.T. -0.006 min
Lab File: BG057602.D
Acq: 27 May 2023 3:25

Tgt Ion:	225	Resp:	37658
Ion	Ratio	Lower	Upper
225	100		
223	65.7	50.1	75.1
227	60.7	47.9	71.9

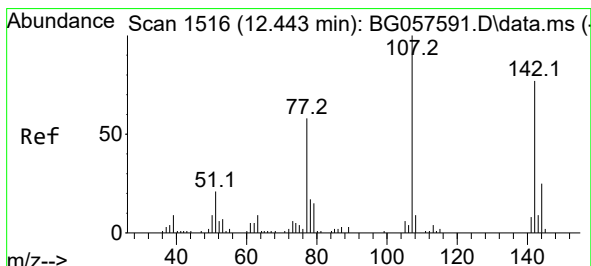
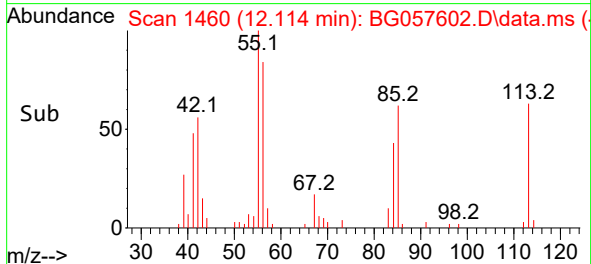
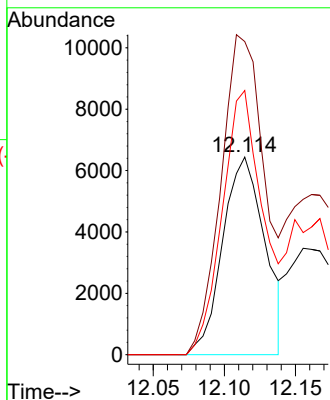
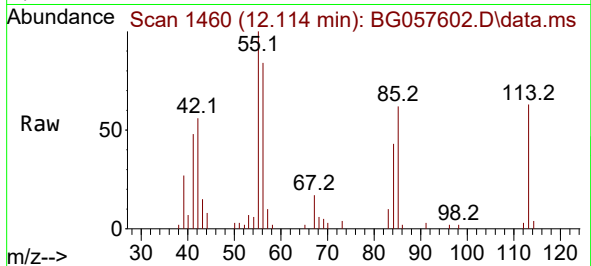




#35
Caprolactam
Concen: 27.175 ng
RT: 12.114 min Scan# 1460
Delta R.T. 0.000 min
Lab File: BG057602.D
Acq: 27 May 2023 3:25

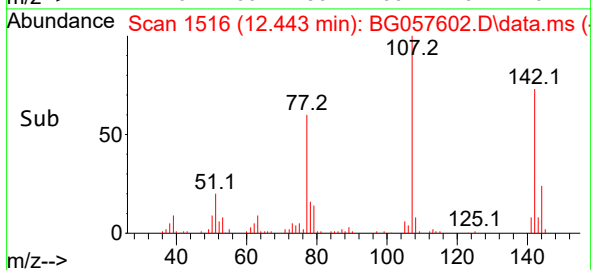
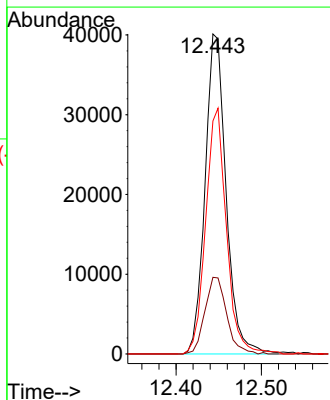
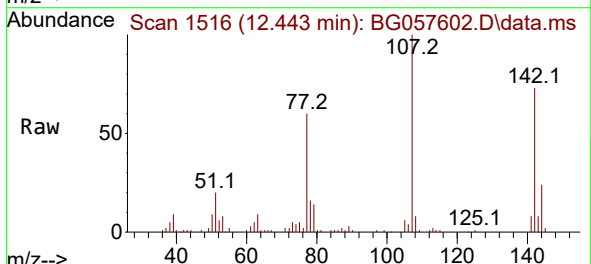
Instrument :
BNA_G
ClientSampleId :
PB153018BS

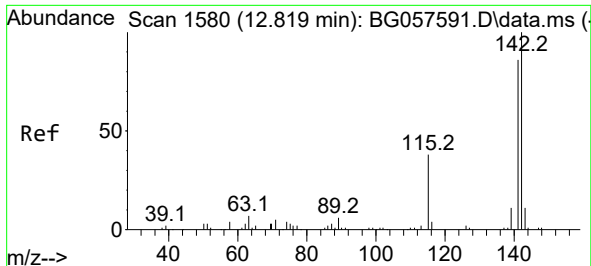
Tgt Ion:113 Resp: 13295
Ion Ratio Lower Upper
113 100
55 158.5 140.9 180.9
56 133.6 105.9 145.9



#36
4-Chloro-3-methylphenol
Concen: 49.260 ng
RT: 12.443 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BG057602.D
Acq: 27 May 2023 3:25

Tgt Ion:107 Resp: 68811
Ion Ratio Lower Upper
107 100
144 24.0 19.7 29.5
142 72.8 61.6 92.4





#37

2-Methylnaphthalene

Concen: 42.004 ng

RT: 12.813 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG057602.D

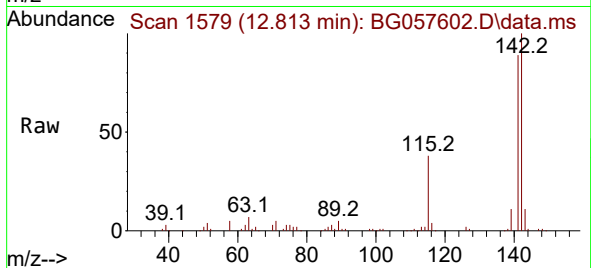
Acq: 27 May 2023 3:25

Instrument :

BNA_G

ClientSampleId :

PB153018BS



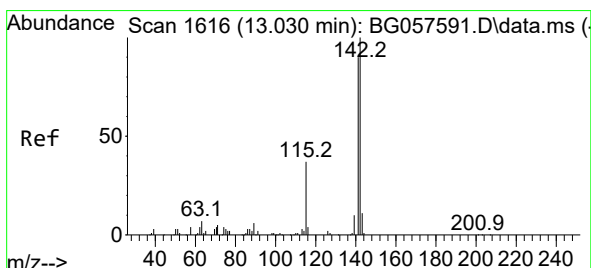
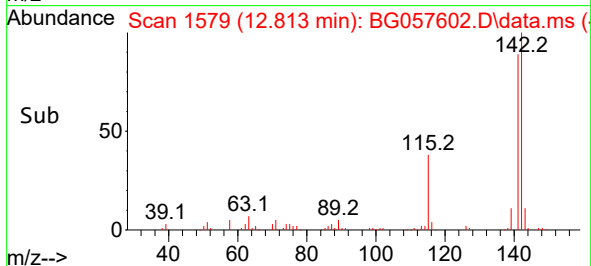
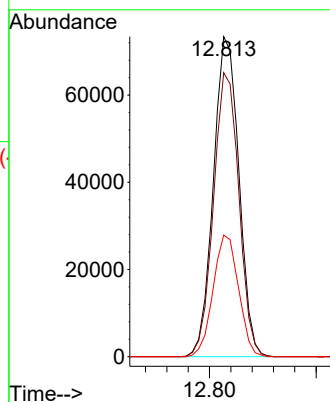
Tgt Ion:142 Resp: 121734

Ion Ratio Lower Upper

142 100

141 88.8 68.6 103.0

115 38.0 30.4 45.6



#38

1-Methylnaphthalene

Concen: 41.504 ng

RT: 13.031 min Scan# 1616

Delta R.T. 0.000 min

Lab File: BG057602.D

Acq: 27 May 2023 3:25

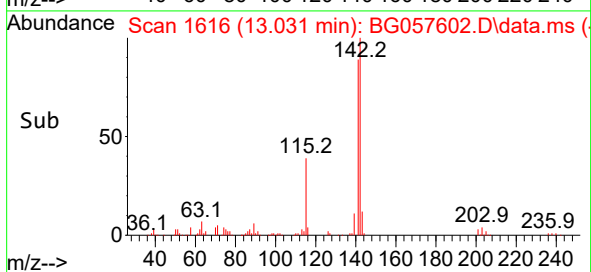
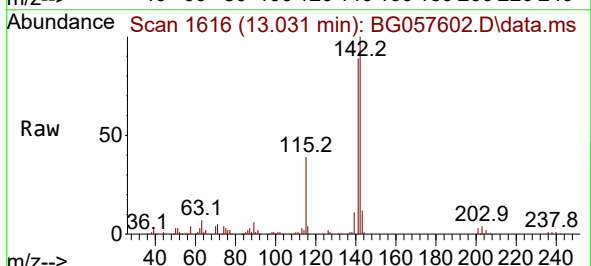
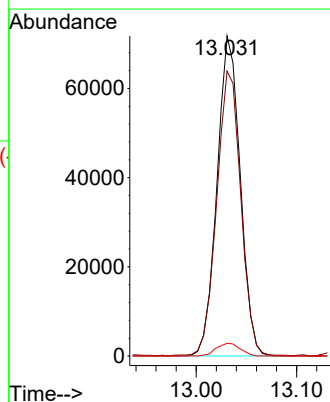
Tgt Ion:142 Resp: 114785

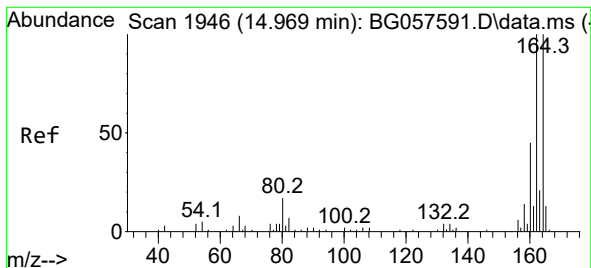
Ion Ratio Lower Upper

142 100

141 89.0 72.1 108.1

116 4.0 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.963 min Scan# 1945

Delta R.T. -0.006 min

Lab File: BG057602.D

Acq: 27 May 2023 3:25

Instrument :

BNA_G

ClientSampleId :

PB153018BS

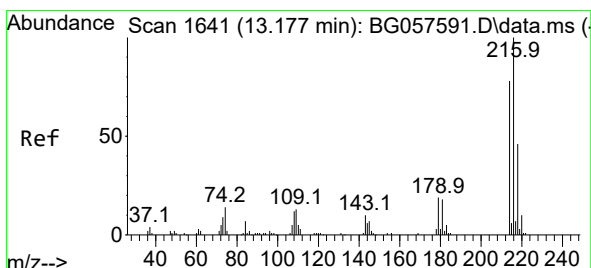
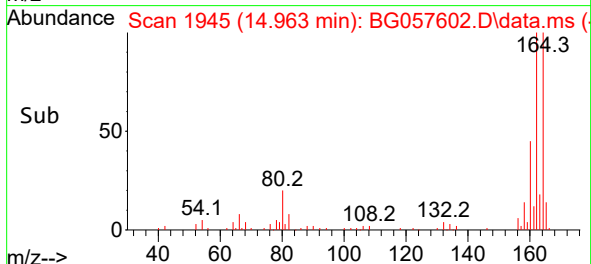
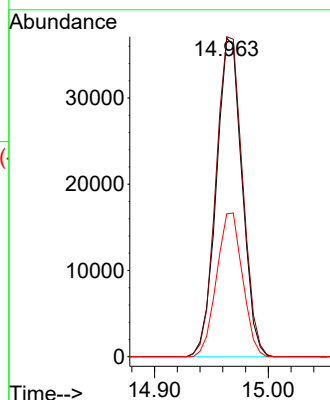
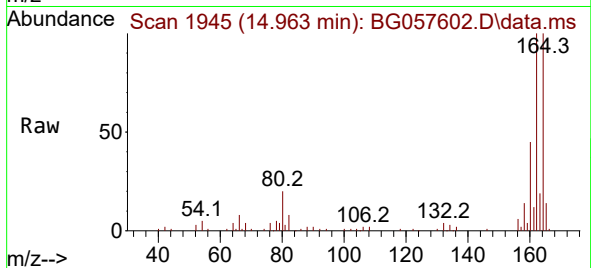
Tgt Ion:164 Resp: 57874

Ion Ratio Lower Upper

164 100

162 100.5 80.1 120.1

160 44.9 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.449 ng

RT: 13.178 min Scan# 1641

Delta R.T. 0.000 min

Lab File: BG057602.D

Acq: 27 May 2023 3:25

Tgt Ion:216 Resp: 80636

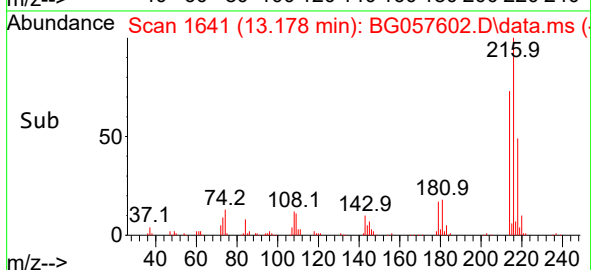
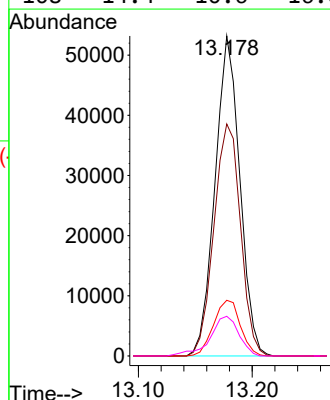
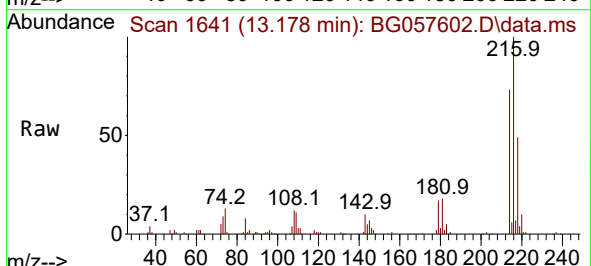
Ion Ratio Lower Upper

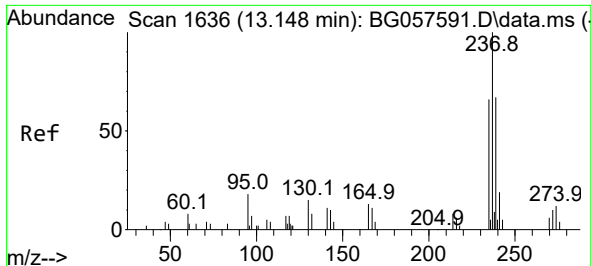
216 100

214 77.5 63.0 94.6

179 18.8 15.0 22.6

108 14.4 10.6 16.0

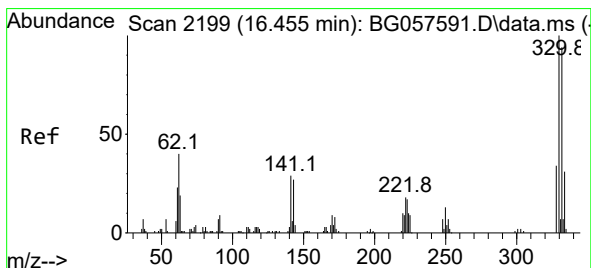
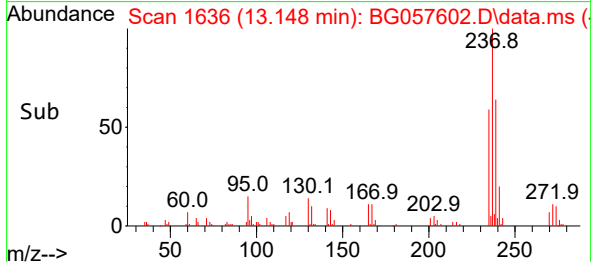
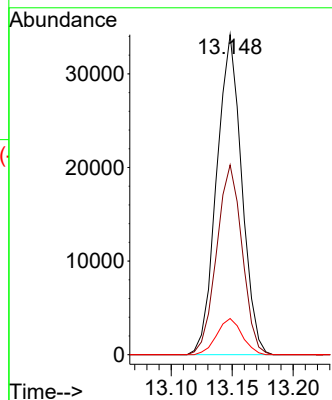
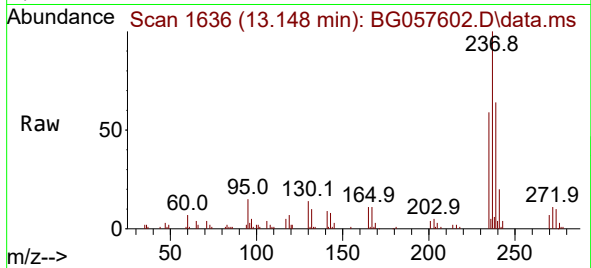




#41
Hexachlorocyclopentadiene
Concen: 92.366 ng
RT: 13.148 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG057602.D
Acq: 27 May 2023 3:25

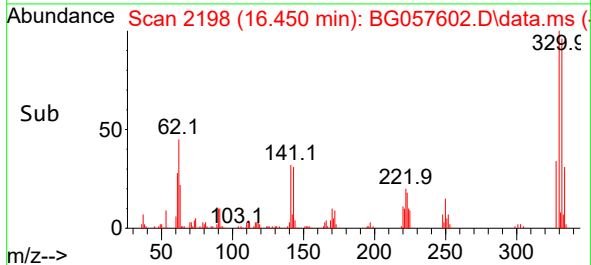
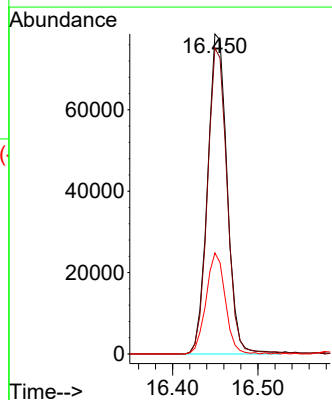
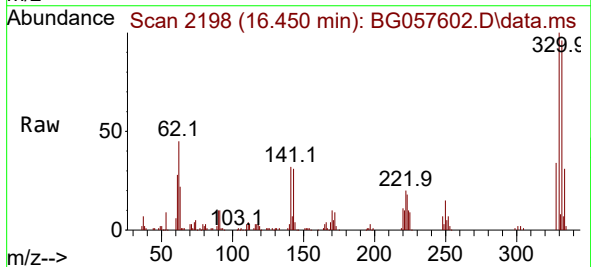
Instrument :
BNA_G
ClientSampleId :
PB153018BS

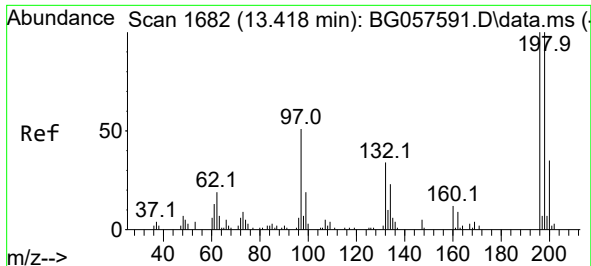
Tgt Ion:237 Resp: 48857
Ion Ratio Lower Upper
237 100
235 59.3 45.7 85.7
272 11.3 0.0 30.1



#42
2,4,6-Tribromophenol
Concen: 135.207 ng
RT: 16.450 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BG057602.D
Acq: 27 May 2023 3:25

Tgt Ion:330 Resp: 125280
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 30.9 24.6 37.0

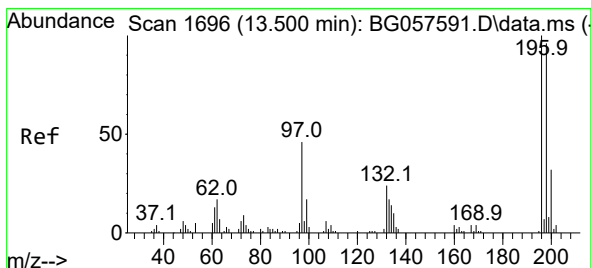
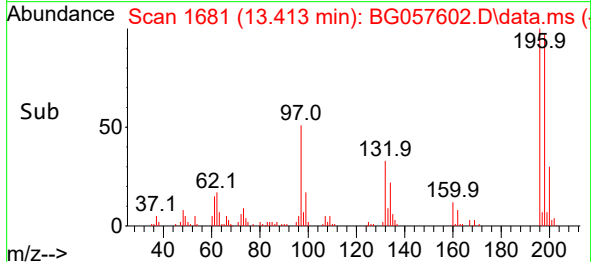
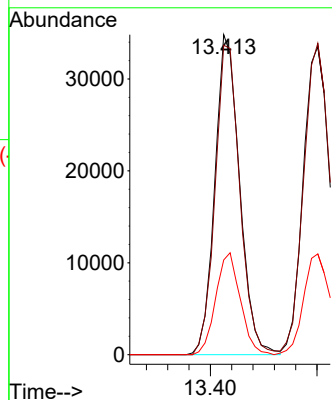
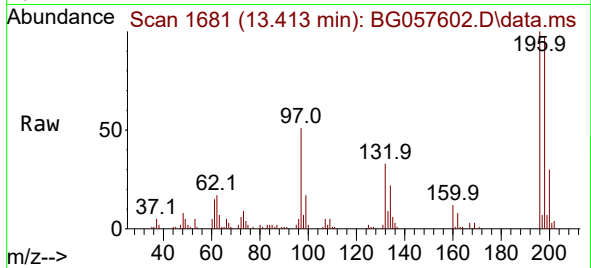




#43
 2,4,6-Trichlorophenol
 Concen: 46.859 ng
 RT: 13.413 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BG057602.D
 Acq: 27 May 2023 3:25

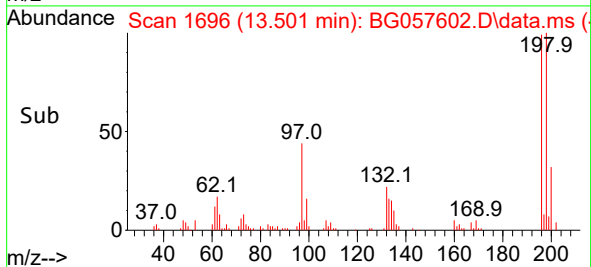
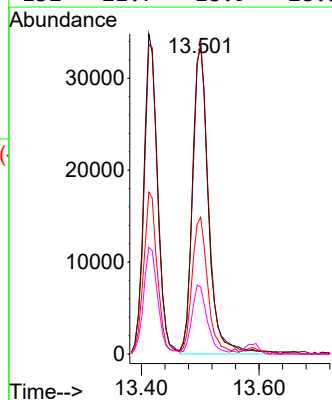
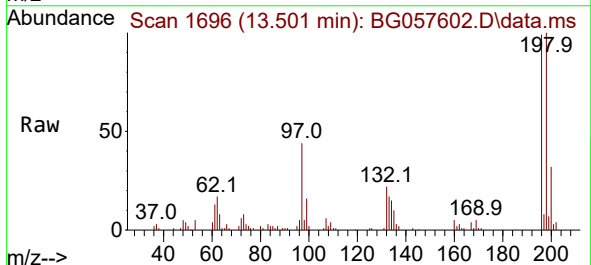
Instrument :
 BNA_G
 ClientSampleId :
 PB153018BS

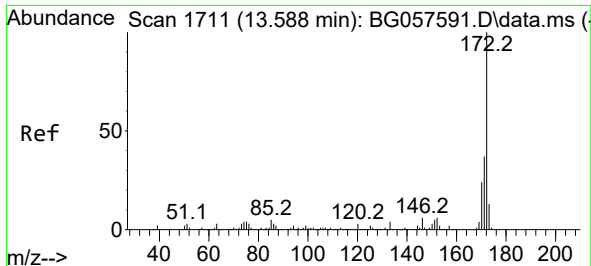
Tgt Ion:196 Resp: 56039
 Ion Ratio Lower Upper
 196 100
 198 96.7 79.6 119.4
 200 29.6 28.2 42.2



#44
 2,4,5-Trichlorophenol
 Concen: 44.522 ng
 RT: 13.501 min Scan# 1696
 Delta R.T. 0.000 min
 Lab File: BG057602.D
 Acq: 27 May 2023 3:25

Tgt Ion:196 Resp: 63414
 Ion Ratio Lower Upper
 196 100
 198 101.1 76.9 115.3
 97 44.3 36.6 55.0
 132 21.7 18.9 28.3

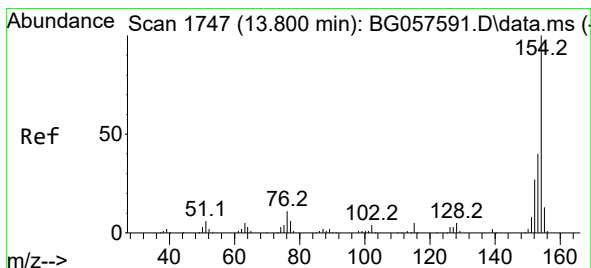
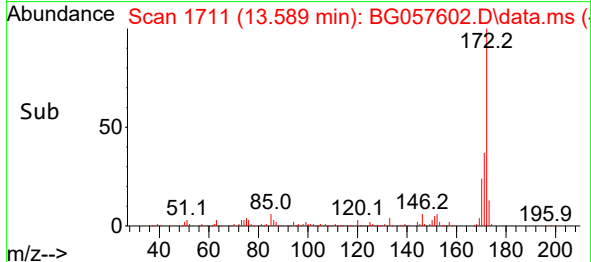
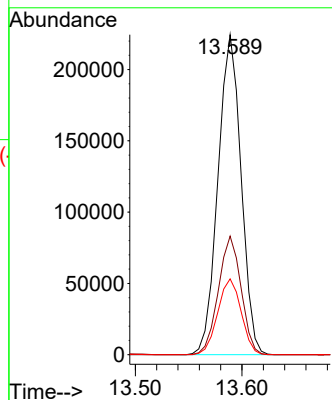
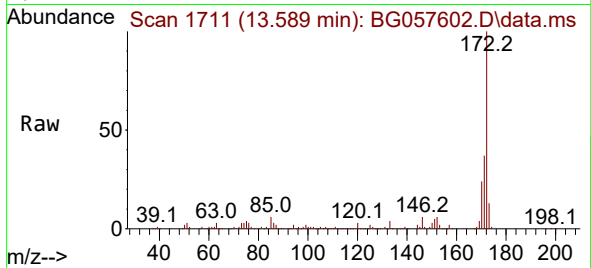




#45
2-Fluorobiphenyl
Concen: 83.759 ng
RT: 13.589 min Scan# 1711
Delta R.T. 0.000 min
Lab File: BG057602.D
Acq: 27 May 2023 3:25

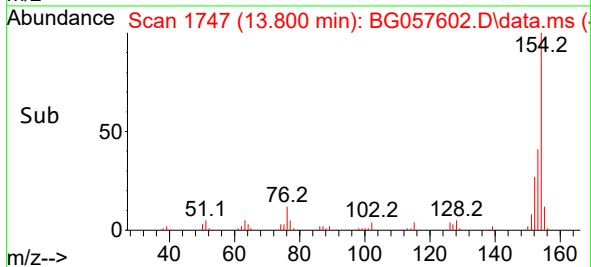
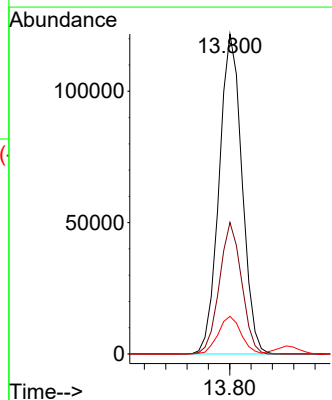
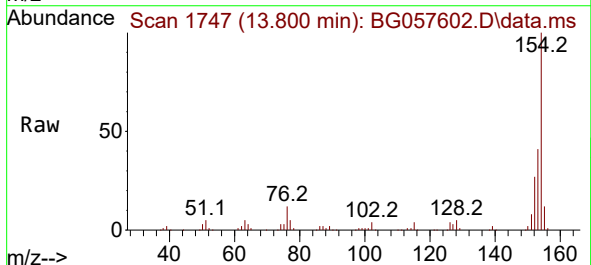
Instrument :
BNA_G
ClientSampleId :
PB153018BS

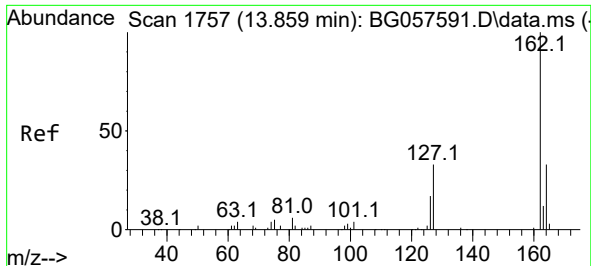
Tgt Ion:172 Resp: 337304
Ion Ratio Lower Upper
172 100
171 37.1 29.2 43.8
170 23.7 19.0 28.4



#46
1,1'-Biphenyl
Concen: 43.738 ng
RT: 13.800 min Scan# 1747
Delta R.T. 0.000 min
Lab File: BG057602.D
Acq: 27 May 2023 3:25

Tgt Ion:154 Resp: 180914
Ion Ratio Lower Upper
154 100
153 41.1 19.6 59.6
76 11.8 0.0 30.9

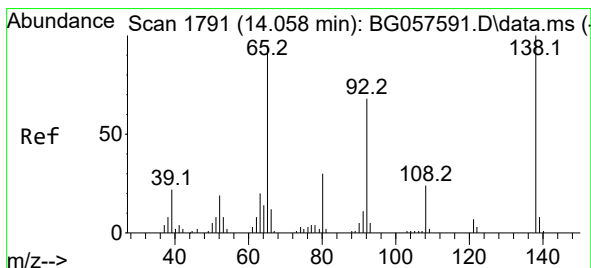
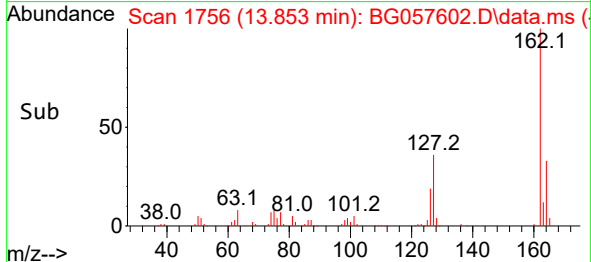
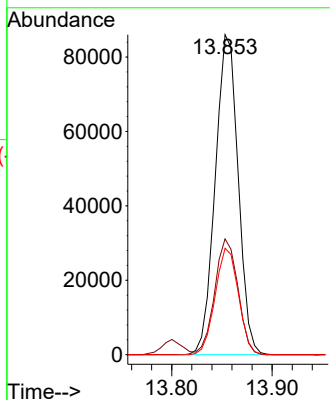
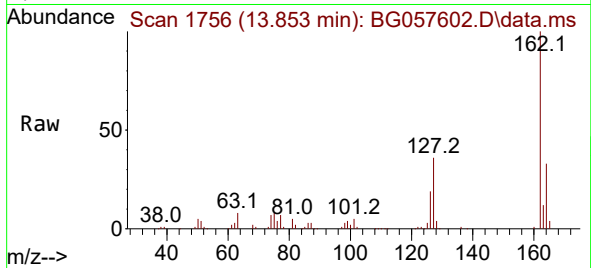




#47
2-Chloronaphthalene
Concen: 43.664 ng
RT: 13.853 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BG057602.D
Acq: 27 May 2023 3:25

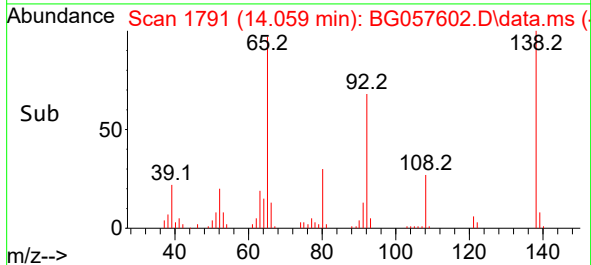
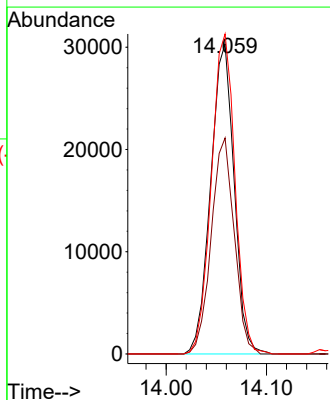
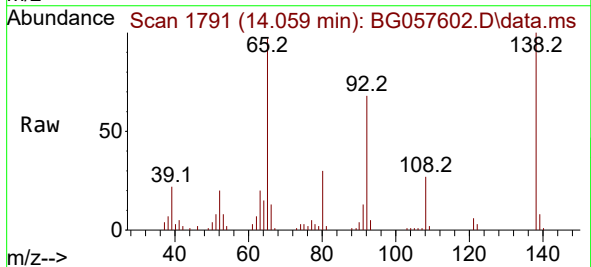
Instrument :
BNA_G
ClientSampleId :
PB153018BS

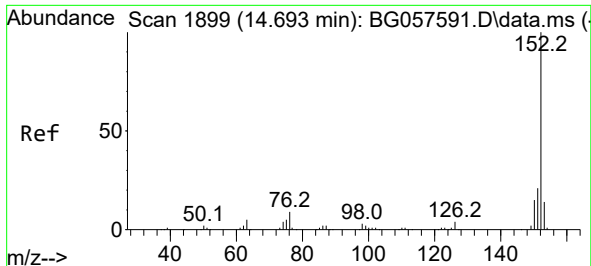
Tgt Ion:162 Resp: 136038
Ion Ratio Lower Upper
162 100
127 36.2 28.2 42.2
164 33.2 26.1 39.1



#48
2-Nitroaniline
Concen: 45.149 ng
RT: 14.059 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BG057602.D
Acq: 27 May 2023 3:25

Tgt Ion: 65 Resp: 49273
Ion Ratio Lower Upper
65 100
92 69.7 57.3 85.9
138 103.2 84.6 127.0

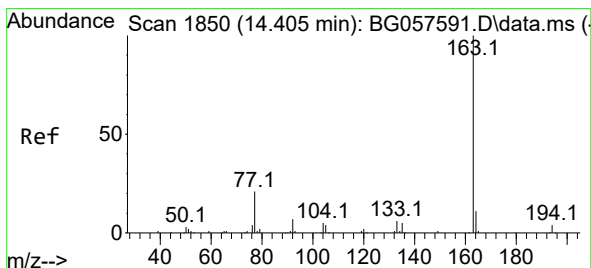
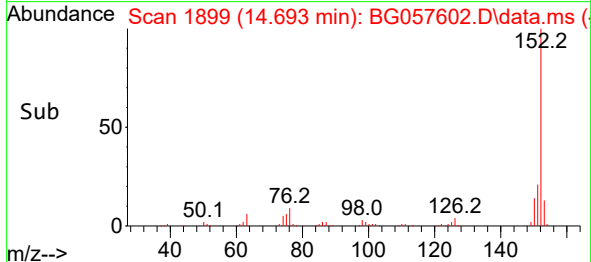
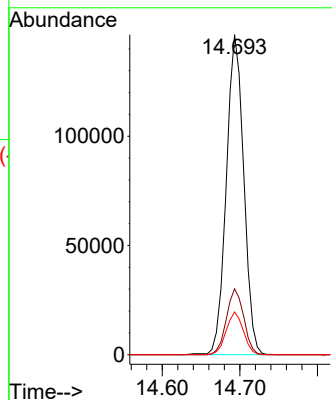
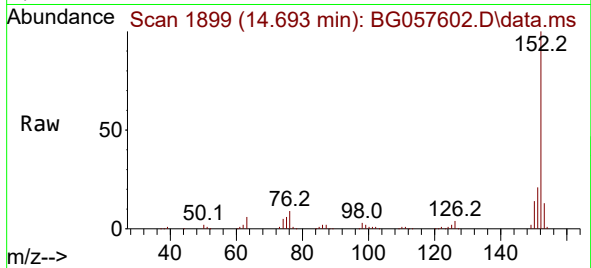




#49
Acenaphthylene
Concen: 43.487 ng
RT: 14.693 min Scan# 1899
Delta R.T. 0.000 min
Lab File: BG057602.D
Acq: 27 May 2023 3:25

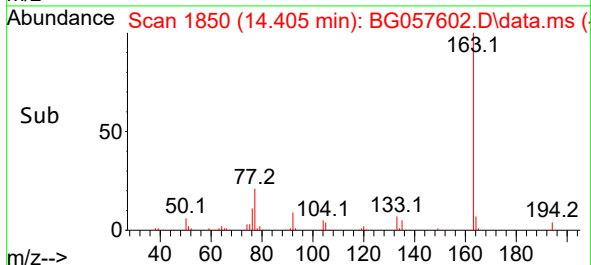
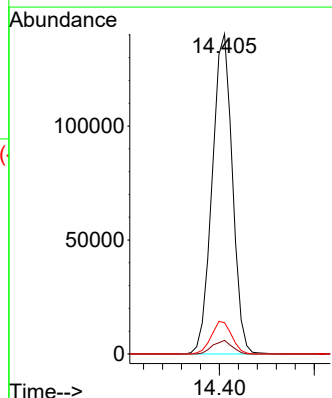
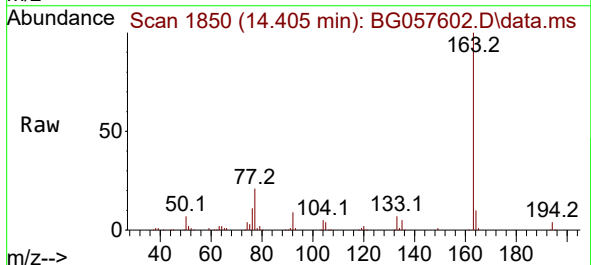
Instrument :
BNA_G
ClientSampleId :
PB153018BS

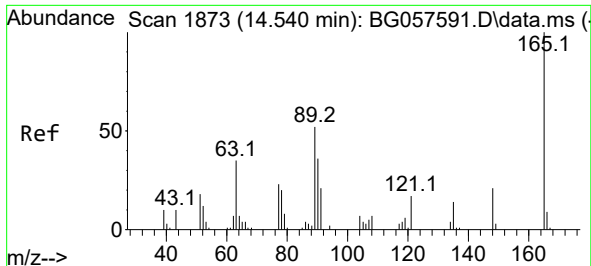
Tgt Ion:152 Resp: 229429
Ion Ratio Lower Upper
152 100
151 20.6 16.5 24.7
153 13.4 11.0 16.4



#50
Dimethylphthalate
Concen: 43.566 ng
RT: 14.405 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BG057602.D
Acq: 27 May 2023 3:25

Tgt Ion:163 Resp: 207804
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.4
164 9.8 8.5 12.7

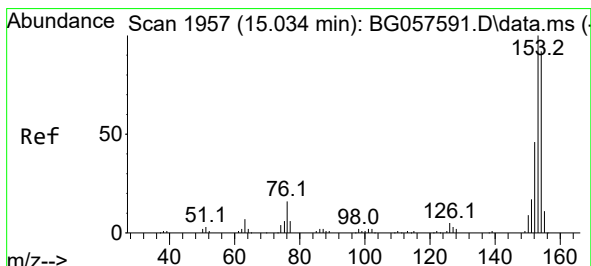
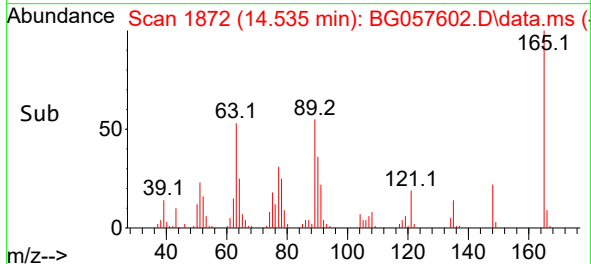
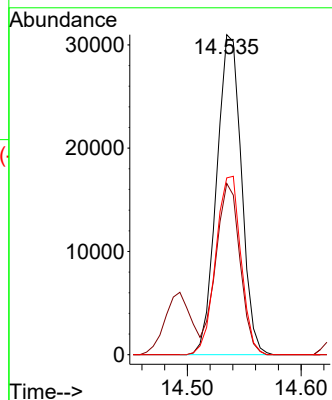
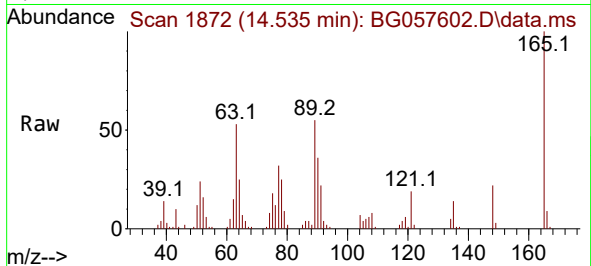




#51
2,6-Dinitrotoluene
Concen: 45.945 ng
RT: 14.535 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057602.D
Acq: 27 May 2023 3:25

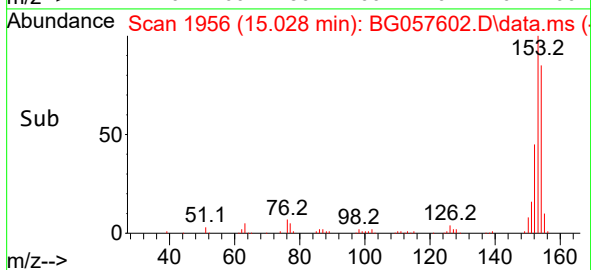
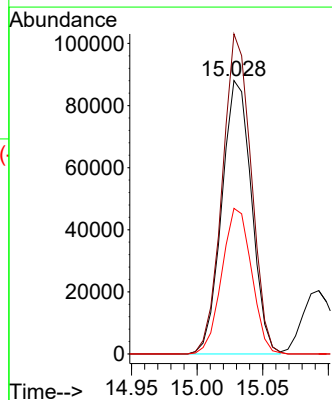
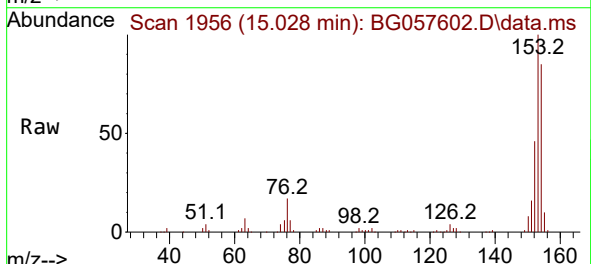
Instrument :
BNA_G
ClientSampleId :
PB153018BS

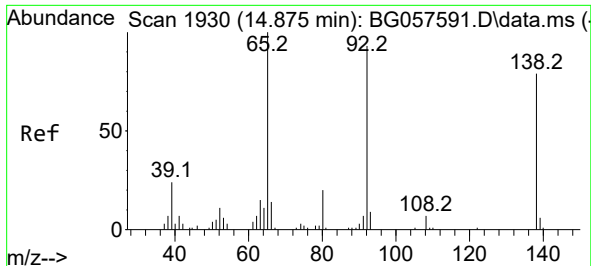
Tgt Ion:165 Resp: 46913
Ion Ratio Lower Upper
165 100
63 53.5 39.3 58.9
89 55.2 41.5 62.3



#52
Acenaphthene
Concen: 42.889 ng
RT: 15.028 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BG057602.D
Acq: 27 May 2023 3:25

Tgt Ion:154 Resp: 138455
Ion Ratio Lower Upper
154 100
153 117.0 87.4 131.0
152 53.3 40.2 60.4

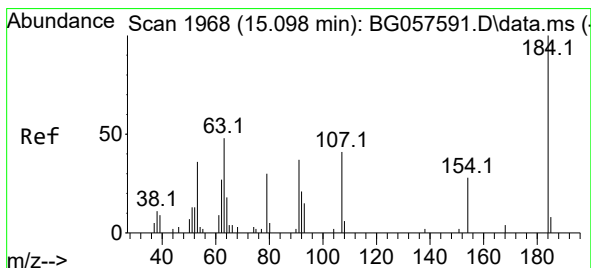
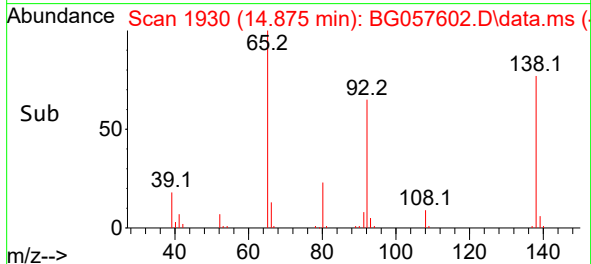
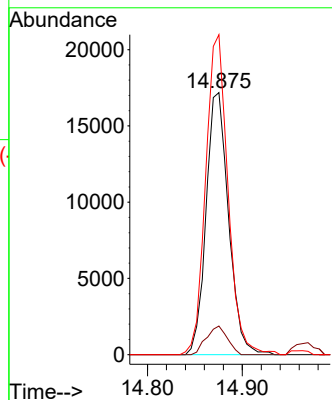
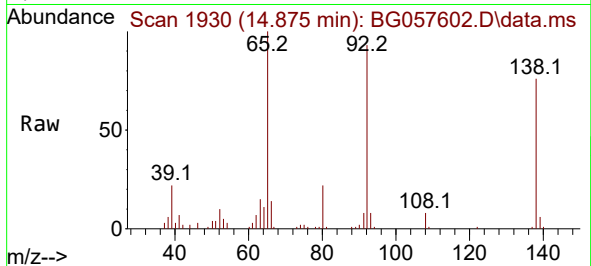




#53
3-Nitroaniline
Concen: 26.604 ng
RT: 14.875 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BG057602.D
Acq: 27 May 2023 3:25

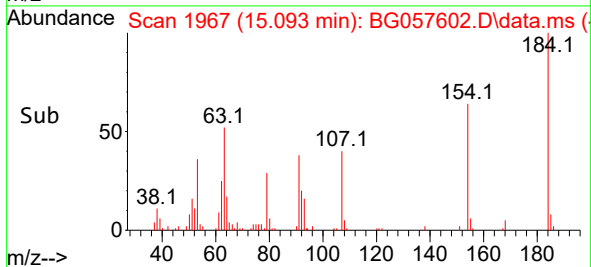
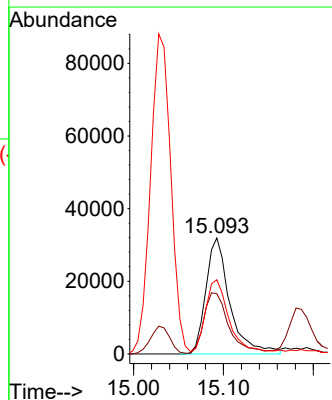
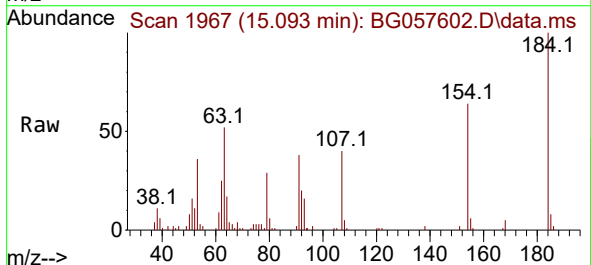
Instrument :
BNA_G
ClientSampleId :
PB153018BS

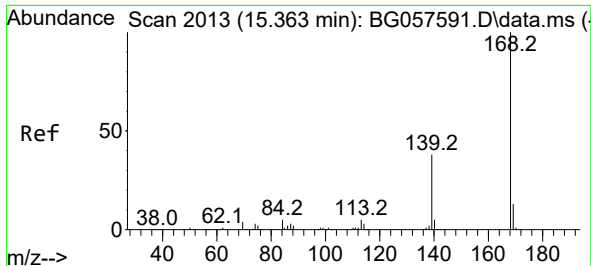
Tgt Ion:138 Resp: 28333
Ion Ratio Lower Upper
138 100
108 10.9 7.1 10.7#
92 122.1 94.9 142.3



#54
2,4-Dinitrophenol
Concen: 94.783 ng
RT: 15.093 min Scan# 1967
Delta R.T. -0.005 min
Lab File: BG057602.D
Acq: 27 May 2023 3:25

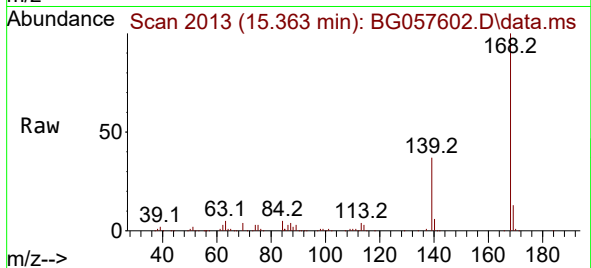
Tgt Ion:184 Resp: 59284
Ion Ratio Lower Upper
184 100
63 51.9 41.4 62.2
154 63.9 52.5 78.7



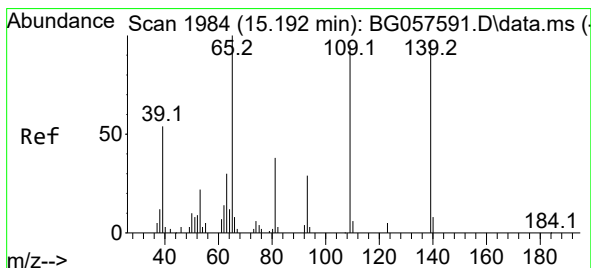
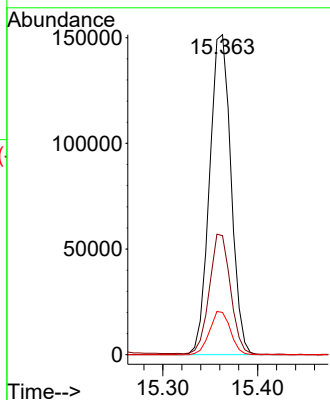
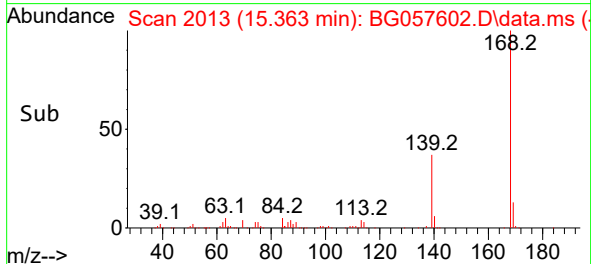


#55
Dibenzofuran
Concen: 43.102 ng
RT: 15.363 min Scan# 20
Delta R.T. 0.000 min
Lab File: BG057602.D
Acq: 27 May 2023 3:25

Instrument :
BNA_G
ClientSampleId :
PB153018BS

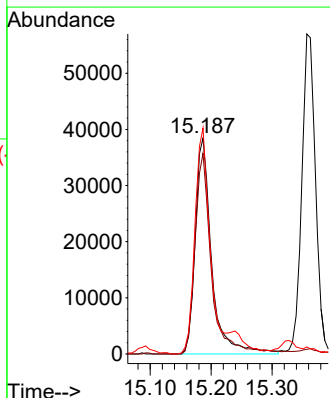
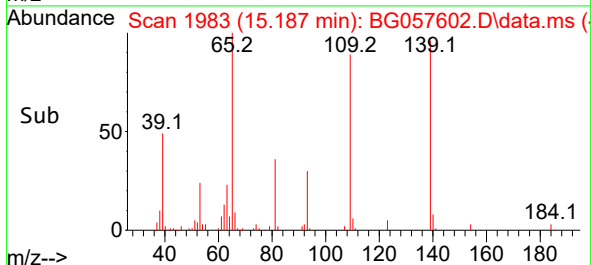
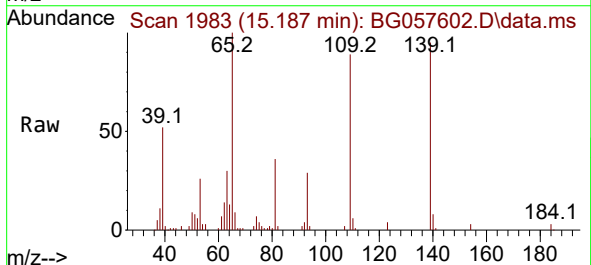


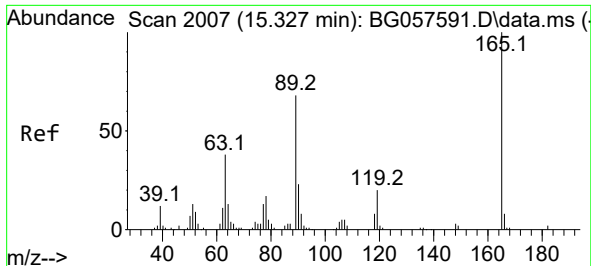
Tgt Ion:168 Resp: 237755
Ion Ratio Lower Upper
168 100
139 37.2 30.6 46.0
169 13.2 10.6 16.0



#56
4-Nitrophenol
Concen: 101.404 ng
RT: 15.187 min Scan# 1983
Delta R.T. -0.005 min
Lab File: BG057602.D
Acq: 27 May 2023 3:25

Tgt Ion:139 Resp: 71954
Ion Ratio Lower Upper
139 100
109 93.0 78.2 118.2
65 104.7 83.2 123.2





#57

2,4-Dinitrotoluene

Concen: 47.198 ng

RT: 15.328 min Scan# 2007

Delta R.T. 0.000 min

Lab File: BG057602.D

Acq: 27 May 2023 3:25

Instrument :

BNA_G

ClientSampleId :

PB153018BS

Tgt Ion:165 Resp: 72156

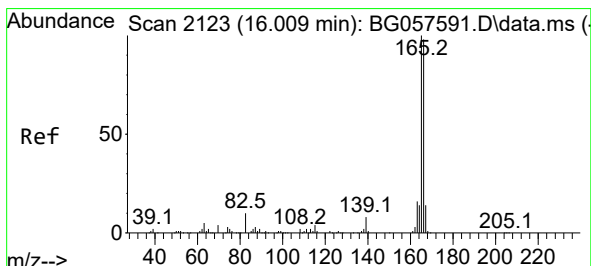
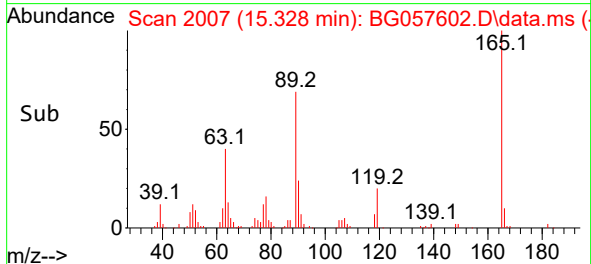
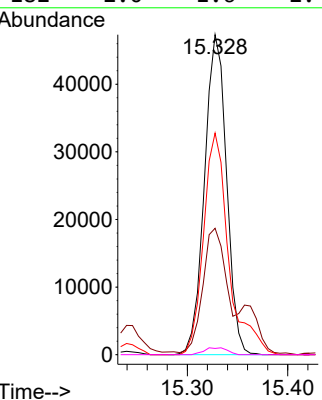
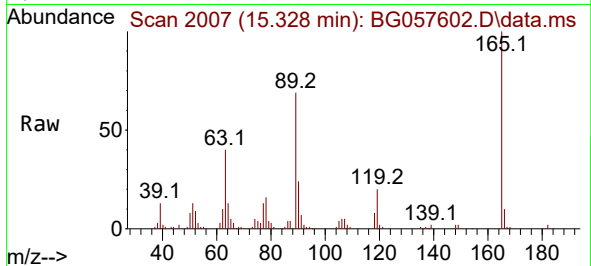
Ion Ratio Lower Upper

165 100

63 39.5 30.6 45.8

89 69.3 54.2 81.2

182 2.0 1.6 2.4



#58

Fluorene

Concen: 44.213 ng

RT: 16.009 min Scan# 2123

Delta R.T. 0.000 min

Lab File: BG057602.D

Acq: 27 May 2023 3:25

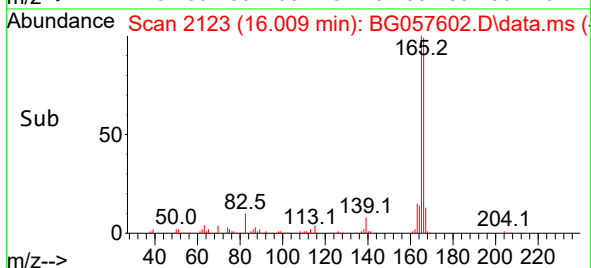
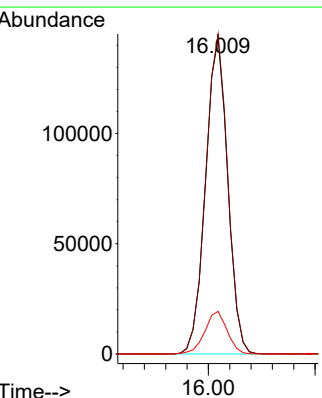
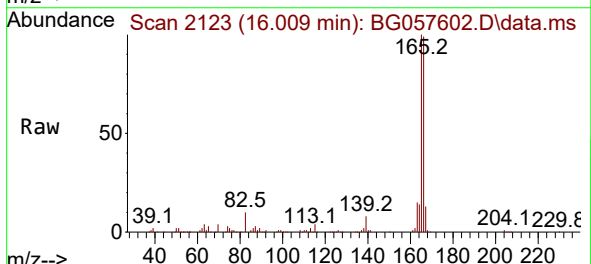
Tgt Ion:166 Resp: 205918

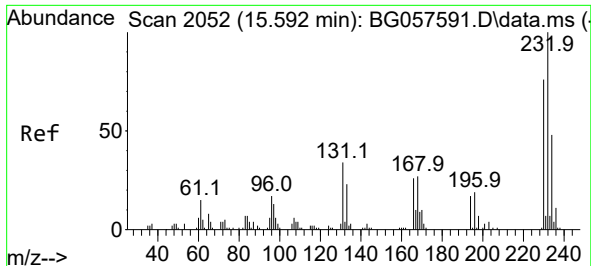
Ion Ratio Lower Upper

166 100

165 101.3 81.2 121.8

167 13.5 11.1 16.7

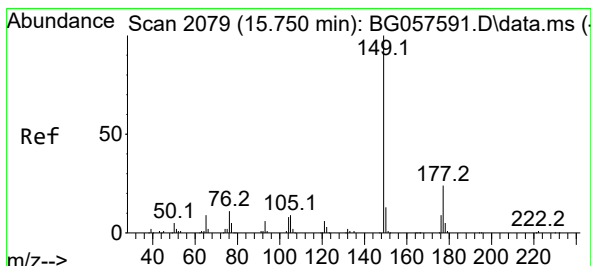
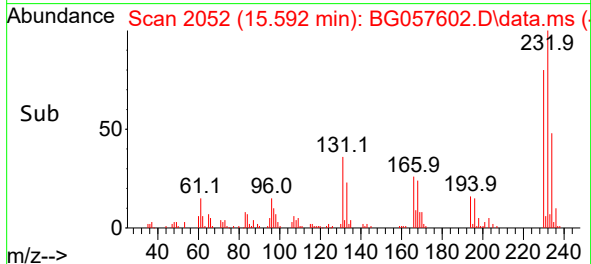
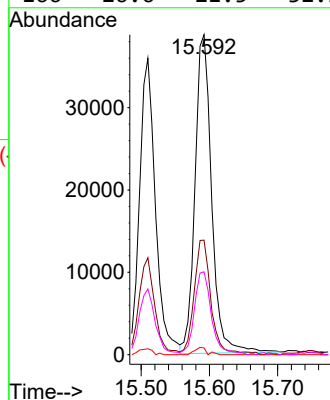
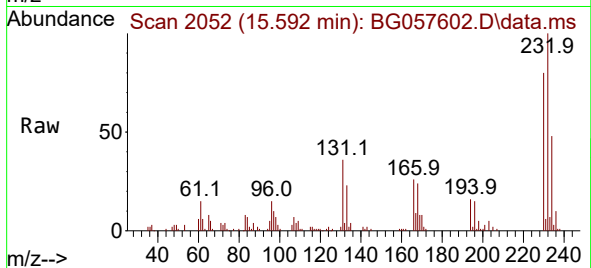




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.947 ng
RT: 15.592 min Scan# 2052
Delta R.T. 0.000 min
Lab File: BG057602.D
Acq: 27 May 2023 3:25

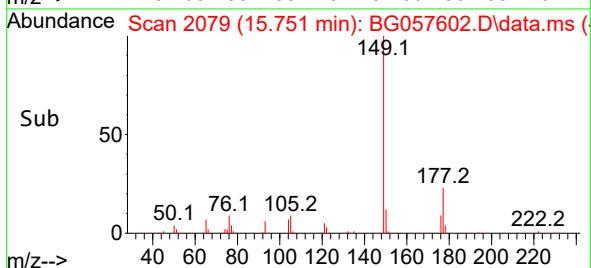
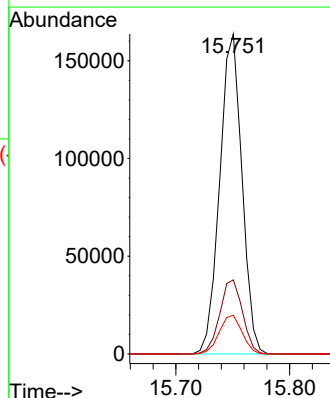
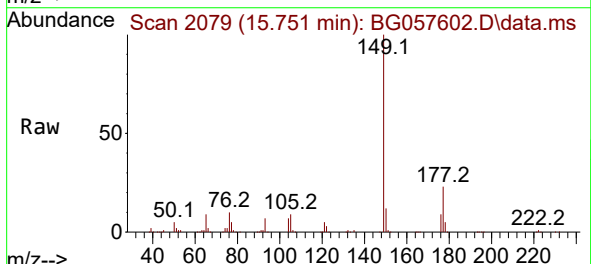
Instrument :
BNA_G
ClientSampleId :
PB153018BS

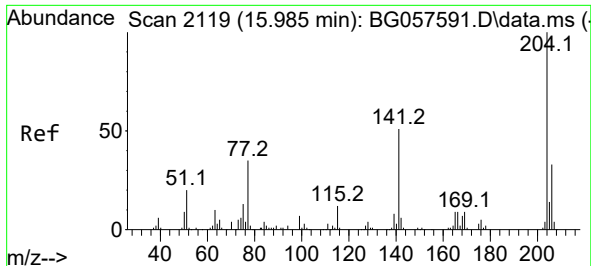
Tgt Ion:232 Resp: 65314
Ion Ratio Lower Upper
232 100
131 36.7 28.6 43.0
130 1.7 1.8 2.6#
166 26.6 21.5 32.3



#60
Diethylphthalate
Concen: 44.641 ng
RT: 15.751 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BG057602.D
Acq: 27 May 2023 3:25

Tgt Ion:149 Resp: 222248
Ion Ratio Lower Upper
149 100
177 23.2 19.0 28.6
150 12.1 10.1 15.1

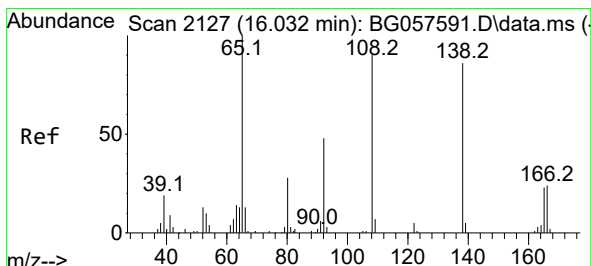
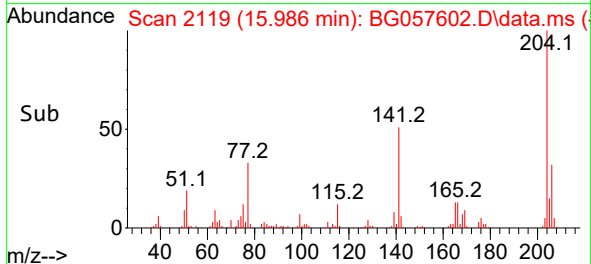
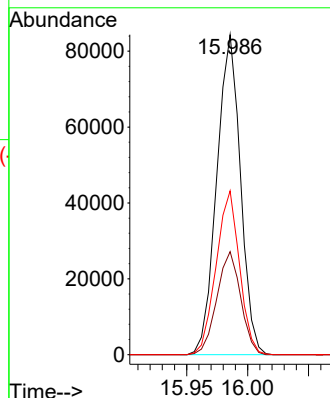
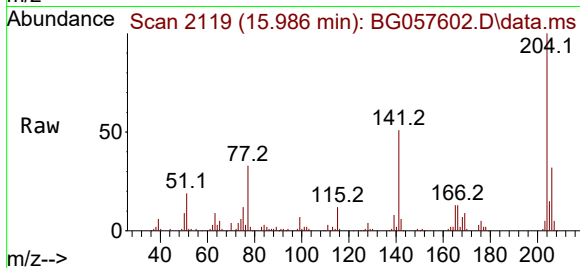




#61
4-Chlorophenyl-phenylether
Concen: 43.961 ng
RT: 15.986 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BG057602.D
Acq: 27 May 2023 3:25

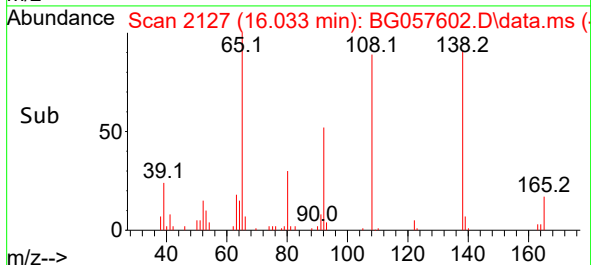
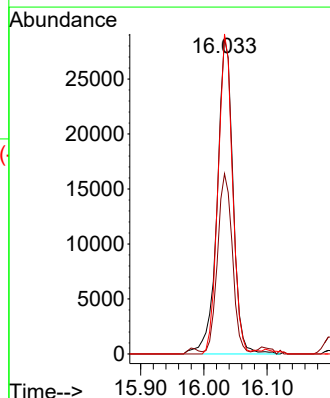
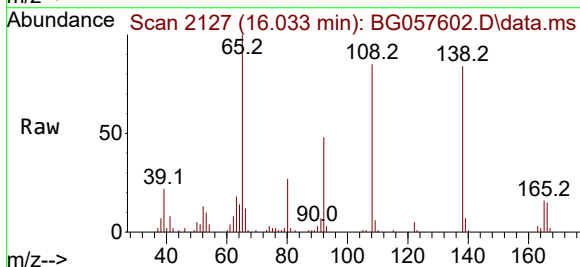
Instrument :
BNA_G
ClientSampleId :
PB153018BS

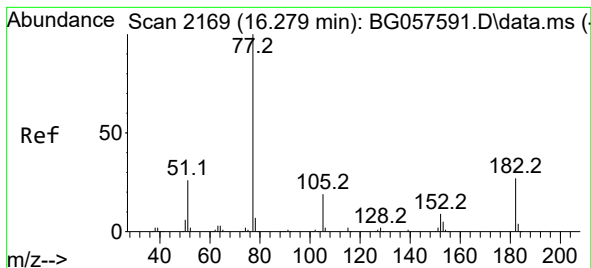
Tgt Ion:204 Resp: 114106
Ion Ratio Lower Upper
204 100
206 32.2 26.6 39.8
141 51.2 40.8 61.2



#62
4-Nitroaniline
Concen: 43.392 ng
RT: 16.033 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BG057602.D
Acq: 27 May 2023 3:25

Tgt Ion:138 Resp: 49850
Ion Ratio Lower Upper
138 100
92 57.1 36.4 76.4
108 101.3 85.4 125.4





#63

Azobenzene

Concen: 44.774 ng

RT: 16.279 min Scan# 2169

Delta R.T. 0.000 min

Lab File: BG057602.D

Acq: 27 May 2023 3:25

Instrument :

BNA_G

ClientSampleId :

PB153018BS

Tgt Ion: 77 Resp: 198242

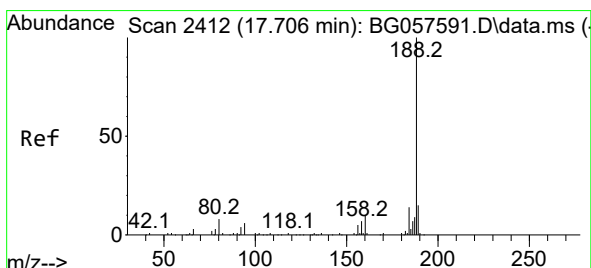
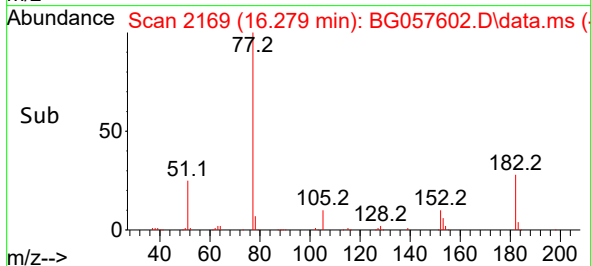
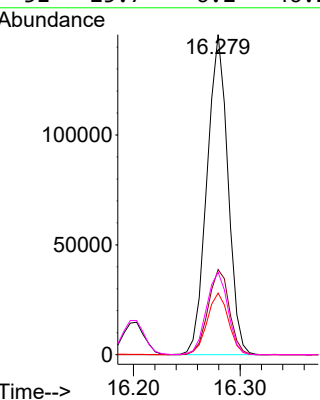
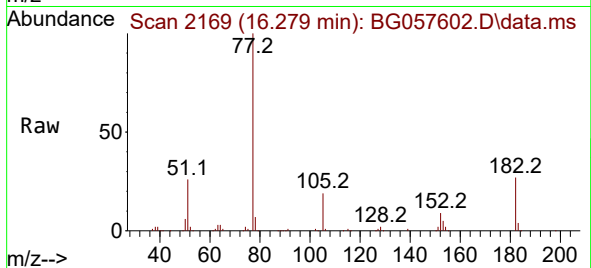
Ion Ratio Lower Upper

77 100

182 26.6 7.4 47.4

105 19.2 0.0 39.4

51 25.7 6.2 46.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.707 min Scan# 2412

Delta R.T. 0.000 min

Lab File: BG057602.D

Acq: 27 May 2023 3:25

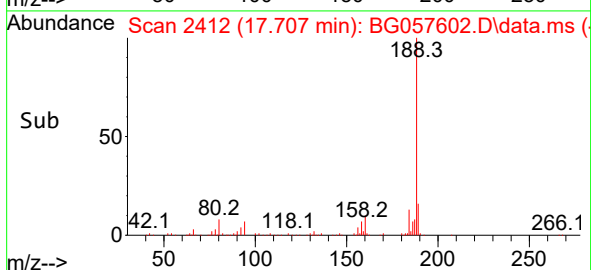
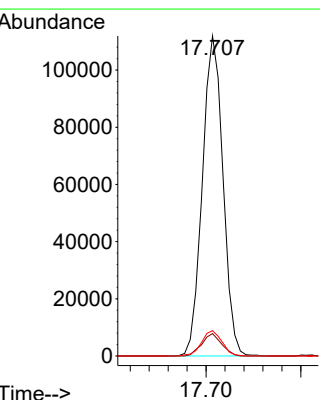
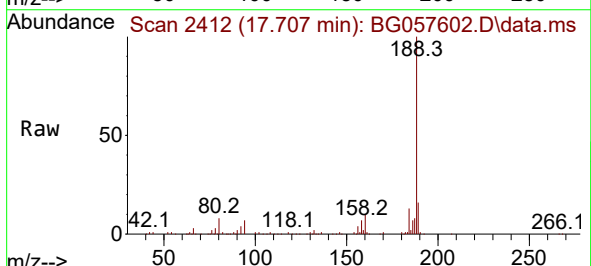
Tgt Ion: 188 Resp: 168841

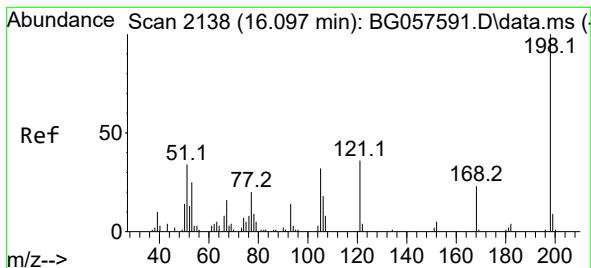
Ion Ratio Lower Upper

188 100

94 7.0 5.2 7.8

80 7.9 6.7 10.1

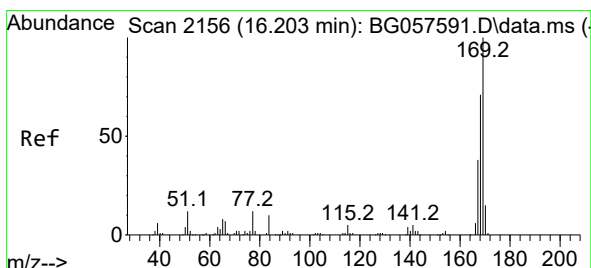
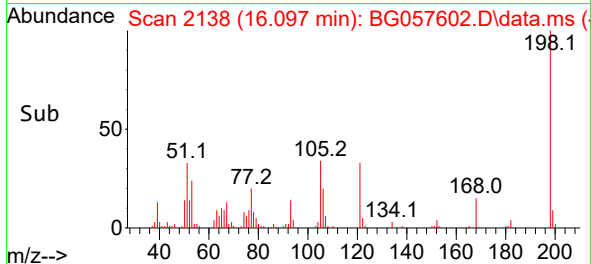
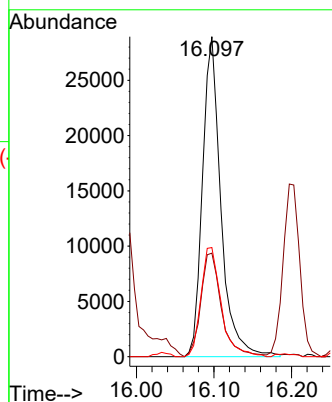
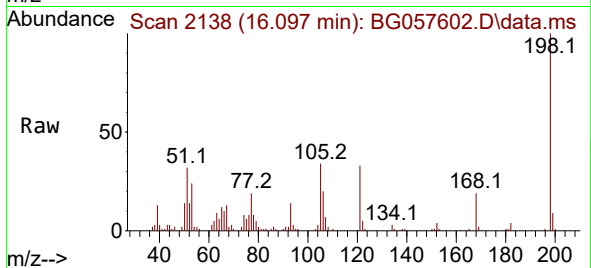




#65
4,6-Dinitro-2-methylphenol
Concen: 46.390 ng
RT: 16.097 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BG057602.D
Acq: 27 May 2023 3:25

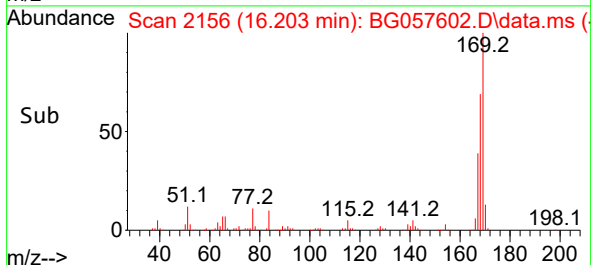
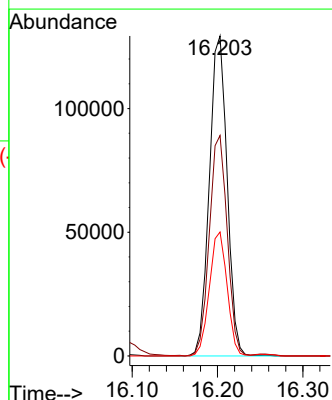
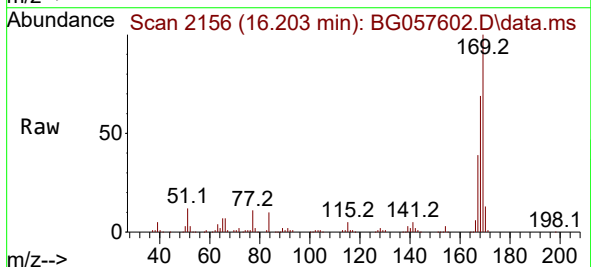
Instrument :
BNA_G
ClientSampleId :
PB153018BS

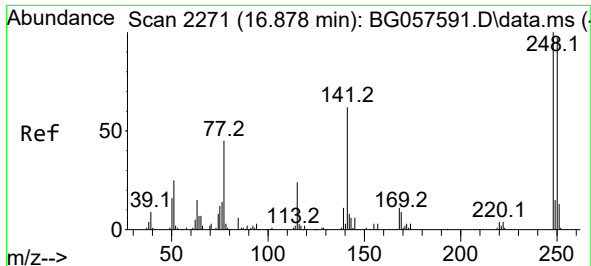
Tgt Ion:198 Resp: 47691
Ion Ratio Lower Upper
198 100
51 32.4 14.9 54.9
105 34.1 11.8 51.8



#66
n-Nitrosodiphenylamine
Concen: 42.656 ng
RT: 16.203 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BG057602.D
Acq: 27 May 2023 3:25

Tgt Ion:169 Resp: 187191
Ion Ratio Lower Upper
169 100
168 68.9 56.7 85.1
167 38.8 30.7 46.1

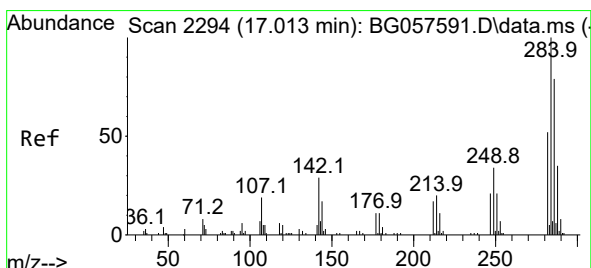
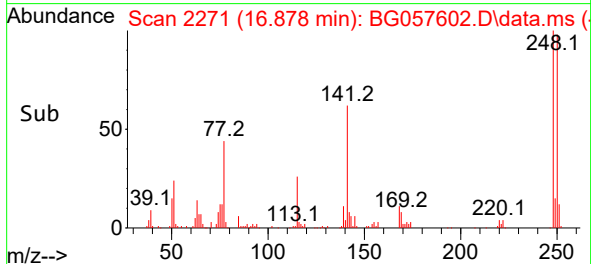
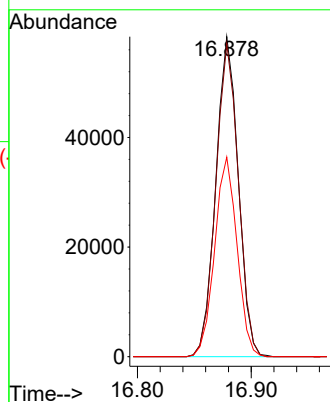
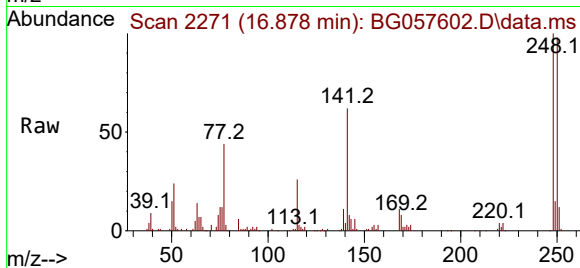




#67
4-Bromophenyl-phenylether
Concen: 42.357 ng
RT: 16.878 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG057602.D
Acq: 27 May 2023 3:25

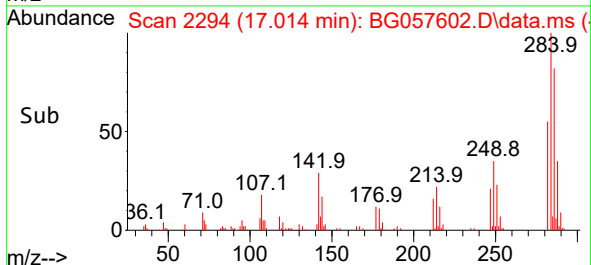
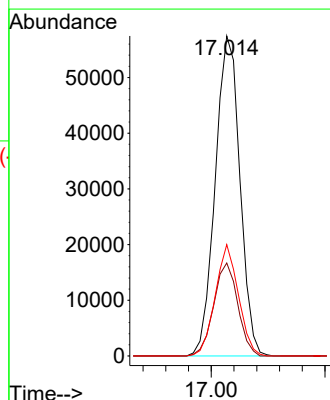
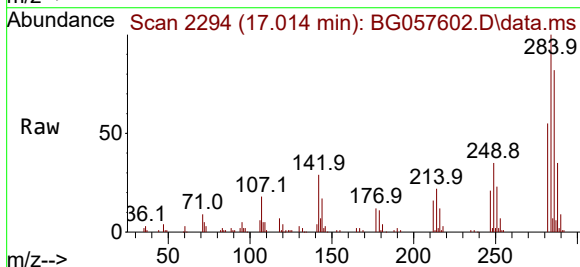
Instrument :
BNA_G
ClientSampleId :
PB153018BS

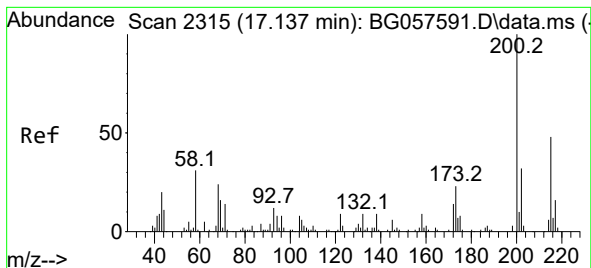
Tgt Ion:248 Resp: 80222
Ion Ratio Lower Upper
248 100
250 97.8 77.4 116.2
141 62.3 49.4 74.0



#68
Hexachlorobenzene
Concen: 44.250 ng
RT: 17.014 min Scan# 2294
Delta R.T. 0.000 min
Lab File: BG057602.D
Acq: 27 May 2023 3:25

Tgt Ion:284 Resp: 86389
Ion Ratio Lower Upper
284 100
142 29.1 22.9 34.3
249 34.8 27.0 40.4





#69

Atrazine

Concen: 48.123 ng

RT: 17.137 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG057602.D

Acq: 27 May 2023 3:25

Instrument :

BNA_G

ClientSampleId :

PB153018BS

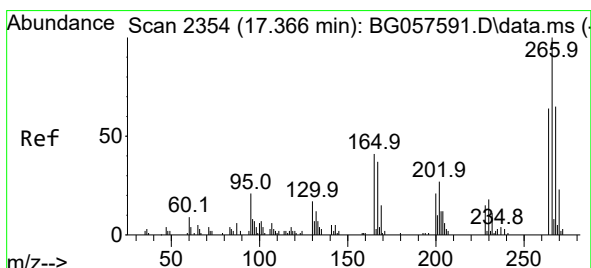
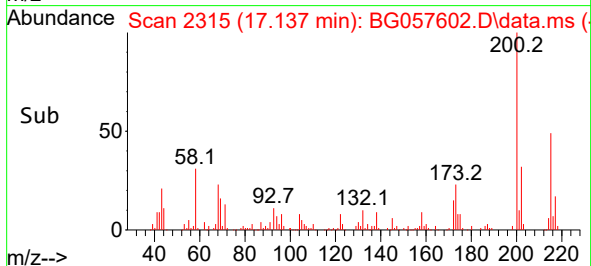
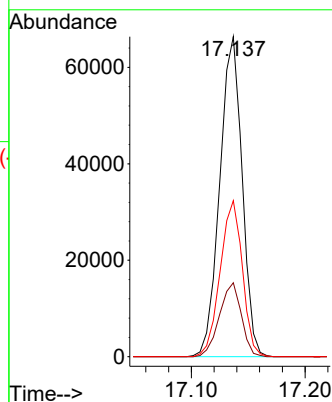
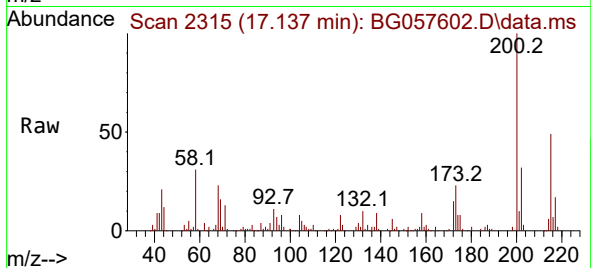
Tgt Ion:200 Resp: 90668

Ion Ratio Lower Upper

200 100

173 23.1 3.2 43.2

215 48.8 28.4 68.4



#70

Pentachlorophenol

Concen: 84.477 ng

RT: 17.360 min Scan# 2353

Delta R.T. -0.006 min

Lab File: BG057602.D

Acq: 27 May 2023 3:25

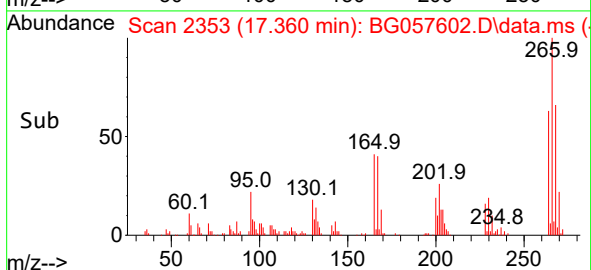
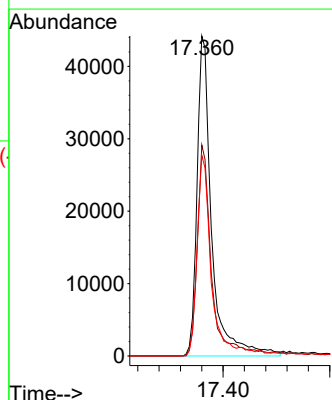
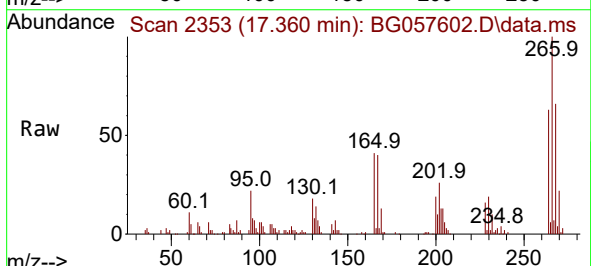
Tgt Ion:266 Resp: 84034

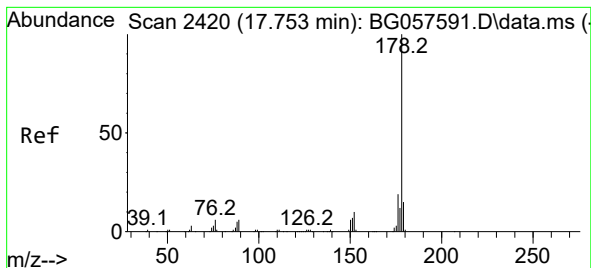
Ion Ratio Lower Upper

266 100

268 65.9 52.2 78.4

264 62.7 51.2 76.8





#71

Phenanthrene

Concen: 43.523 ng

RT: 17.748 min Scan# 24

Delta R.T. -0.006 min

Lab File: BG057602.D

Acq: 27 May 2023 3:25

Instrument :

BNA_G

ClientSampleId :

PB153018BS

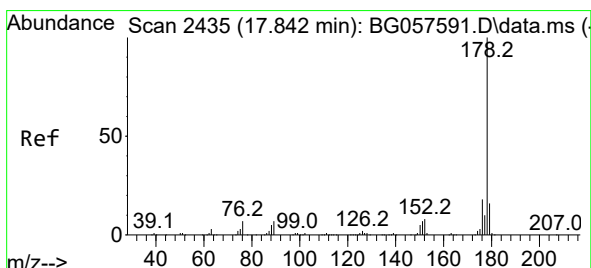
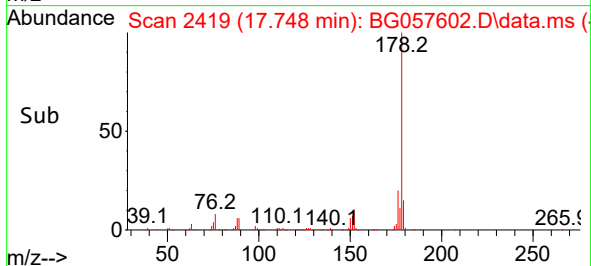
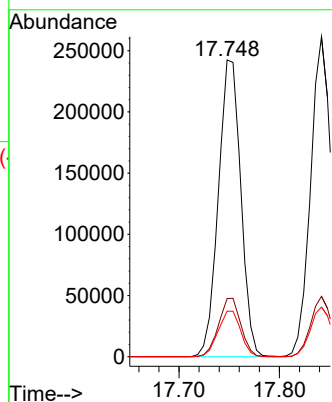
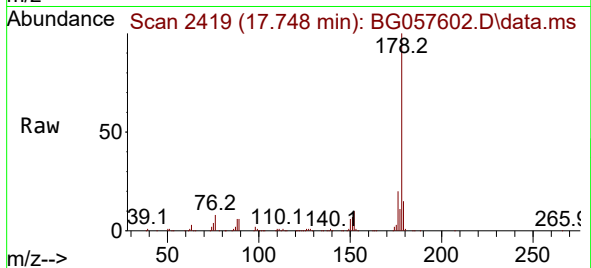
Tgt Ion:178 Resp: 376052

Ion Ratio Lower Upper

178 100

176 19.6 15.3 22.9

179 15.3 12.0 18.0



#72

Anthracene

Concen: 43.026 ng

RT: 17.842 min Scan# 2435

Delta R.T. 0.000 min

Lab File: BG057602.D

Acq: 27 May 2023 3:25

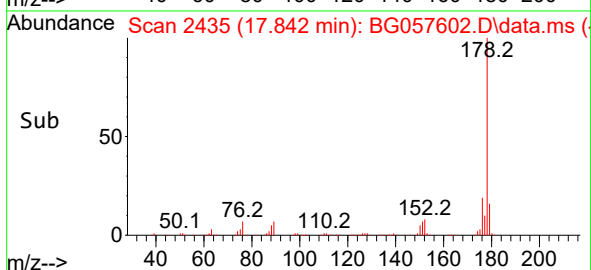
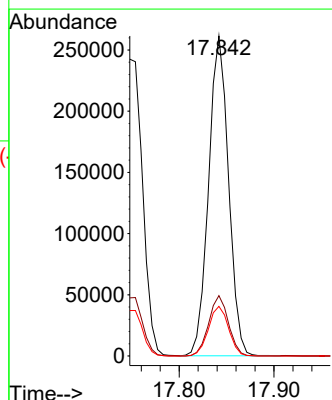
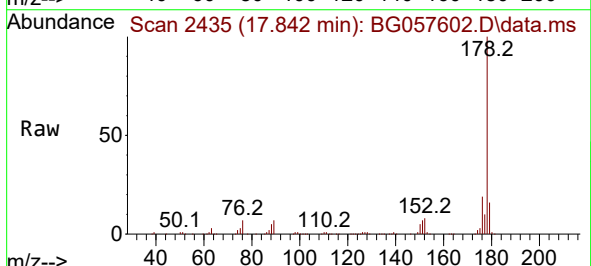
Tgt Ion:178 Resp: 381372

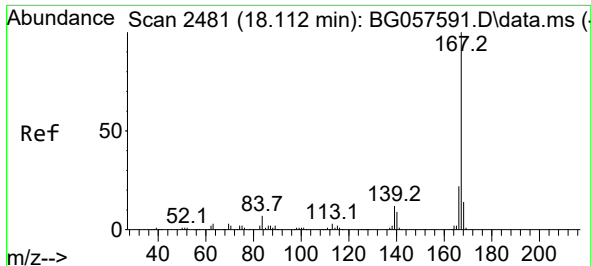
Ion Ratio Lower Upper

178 100

176 18.8 14.6 22.0

179 15.5 12.6 18.8

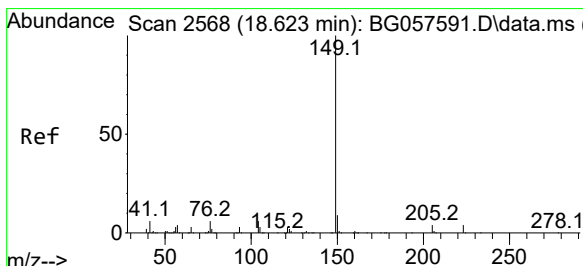
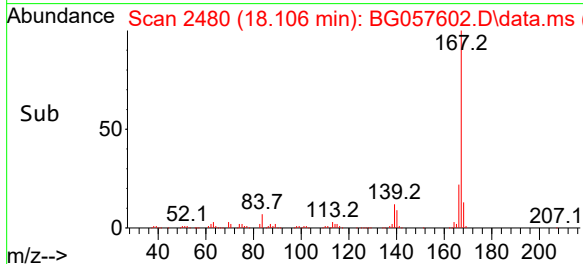
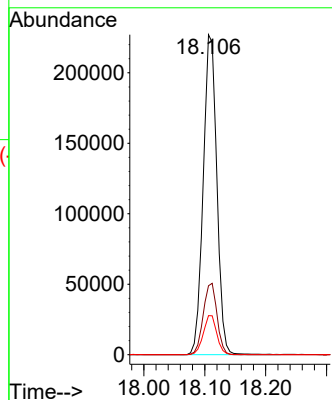
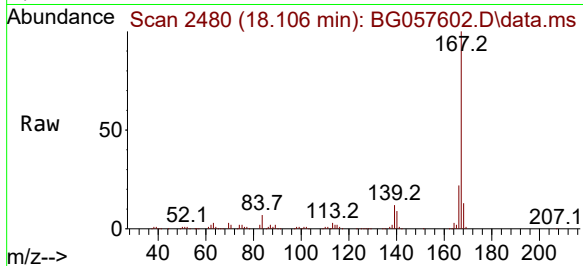




#73
 Carbazole
 Concen: 44.345 ng
 RT: 18.106 min Scan# 2481
 Delta R.T. -0.006 min
 Lab File: BG057602.D
 Acq: 27 May 2023 3:25

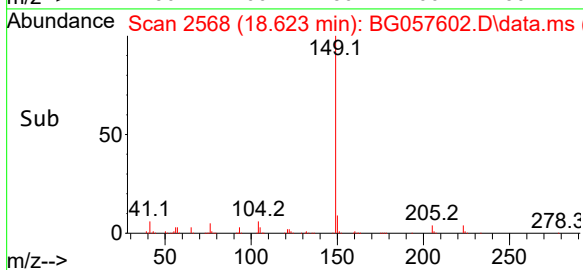
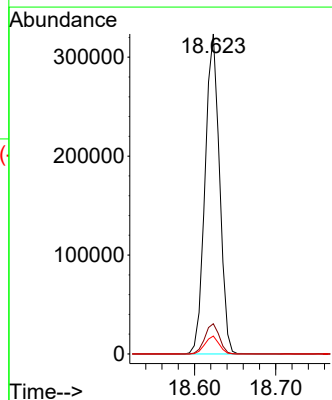
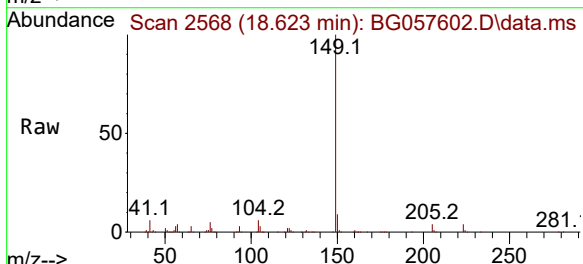
Instrument :
 BNA_G
 ClientSampleId :
 PB153018BS

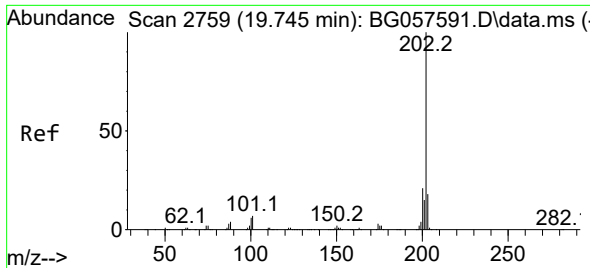
Tgt Ion:167 Resp: 351625
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.9 26.9
 139 12.2 9.6 14.4



#74
 Di-n-butylphthalate
 Concen: 42.356 ng
 RT: 18.623 min Scan# 2568
 Delta R.T. 0.000 min
 Lab File: BG057602.D
 Acq: 27 May 2023 3:25

Tgt Ion:149 Resp: 398707
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.3 10.9
 104 5.6 4.6 6.8

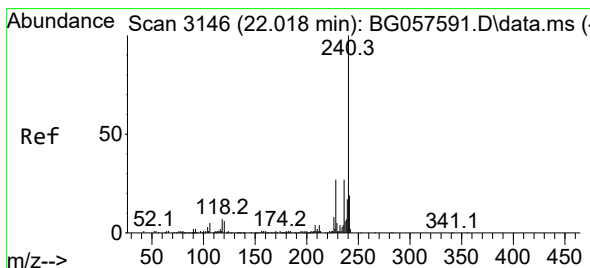
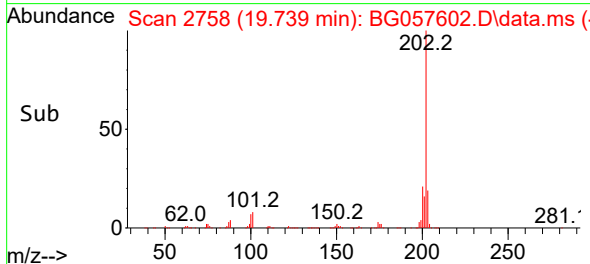
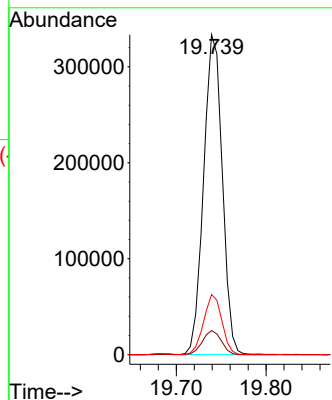
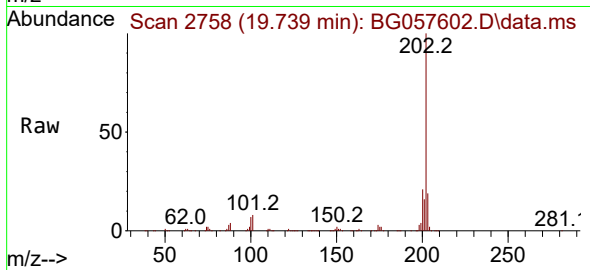




#75
Fluoranthene
Concen: 42.881 ng
RT: 19.739 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG057602.D
Acq: 27 May 2023 3:25

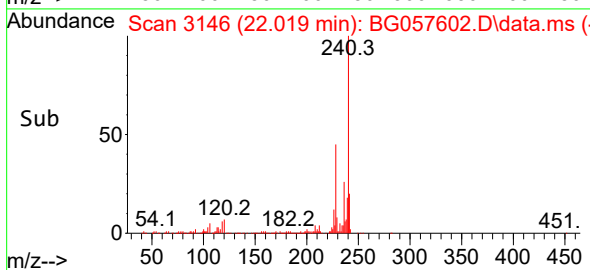
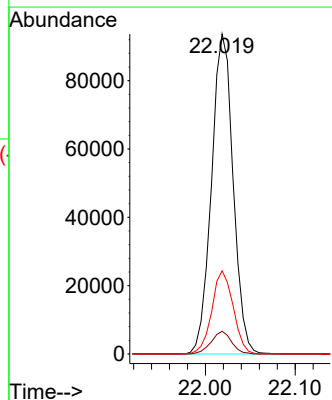
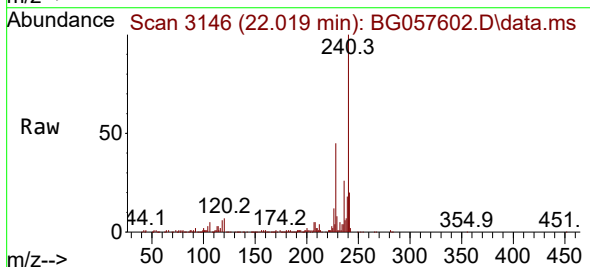
Instrument :
BNA_G
ClientSampleId :
PB153018BS

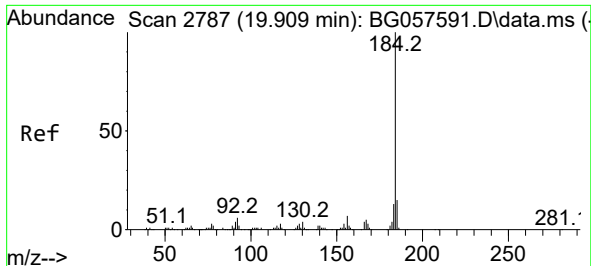
Tgt Ion:202 Resp: 480987
Ion Ratio Lower Upper
202 100
101 7.6 0.0 27.5
203 18.8 0.0 38.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.019 min Scan# 3146
Delta R.T. 0.000 min
Lab File: BG057602.D
Acq: 27 May 2023 3:25

Tgt Ion:240 Resp: 156564
Ion Ratio Lower Upper
240 100
120 7.1 5.2 7.8
236 26.0 21.4 32.0

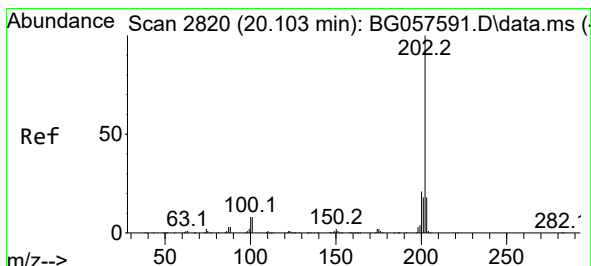
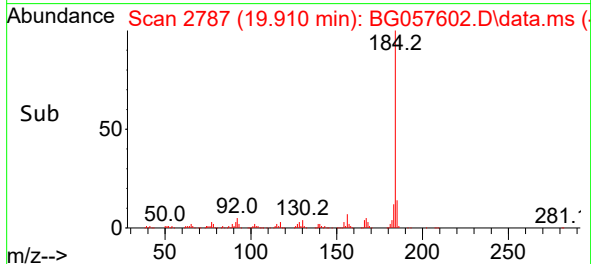
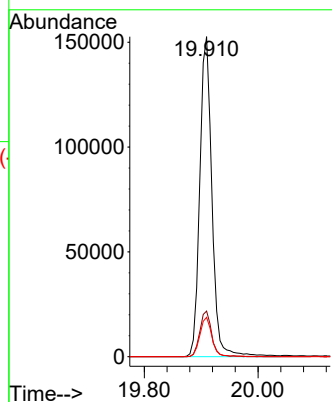
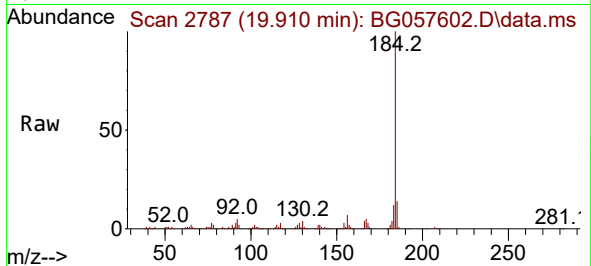




#77
Benzidine
Concen: 47.926 ng
RT: 19.910 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG057602.D
Acq: 27 May 2023 3:25

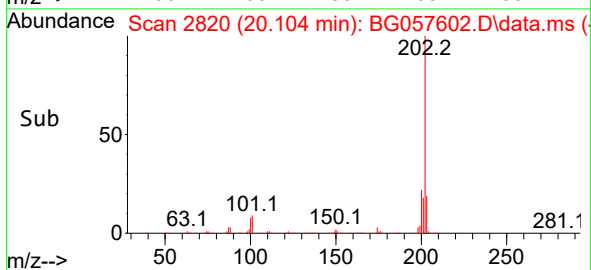
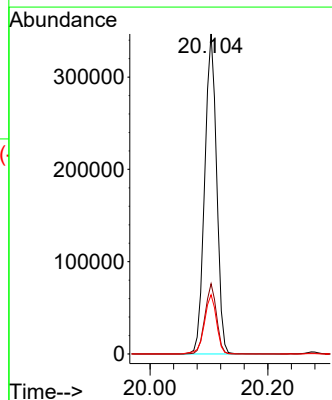
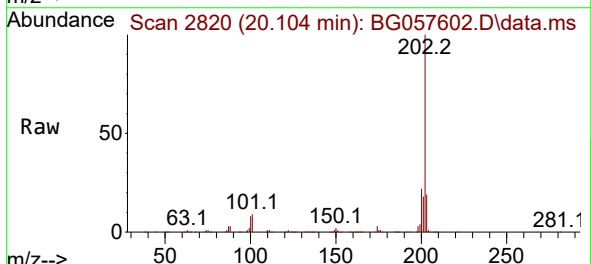
Instrument :
BNA_G
ClientSampleId :
PB153018BS

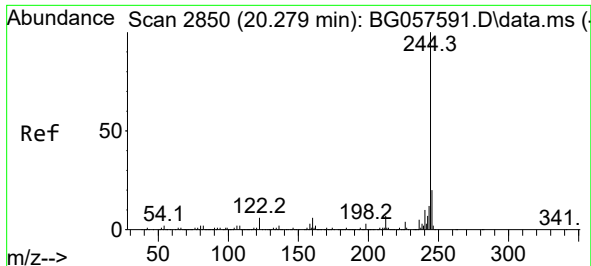
Tgt Ion:184 Resp: 227057
Ion Ratio Lower Upper
184 100
185 14.3 12.0 18.0
183 12.3 10.0 15.0



#78
Pyrene
Concen: 43.668 ng
RT: 20.104 min Scan# 2820
Delta R.T. 0.000 min
Lab File: BG057602.D
Acq: 27 May 2023 3:25

Tgt Ion:202 Resp: 486796
Ion Ratio Lower Upper
202 100
200 21.9 16.8 25.2
203 18.5 14.5 21.7

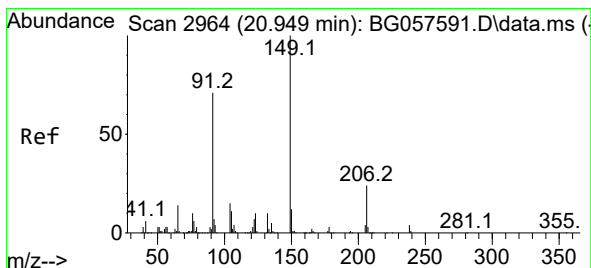
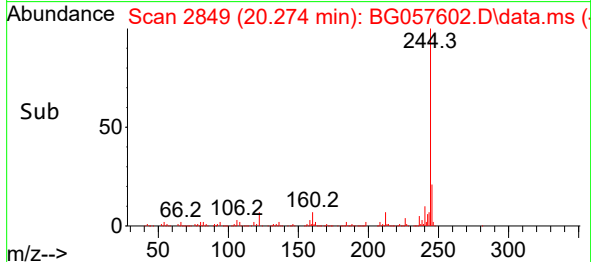
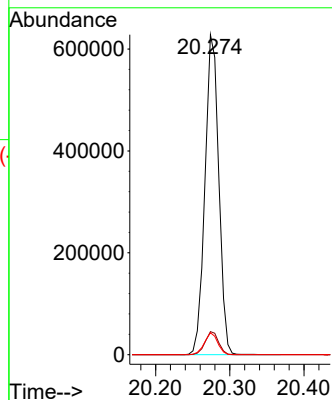
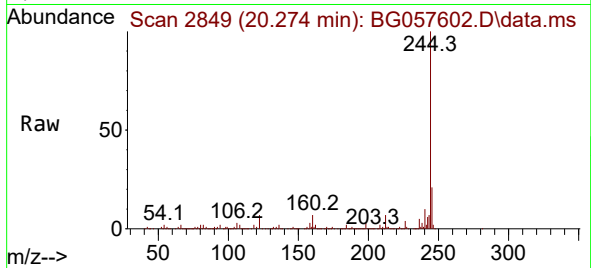




#79
 Terphenyl-d14
 Concen: 90.223 ng
 RT: 20.274 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG057602.D
 Acq: 27 May 2023 3:25

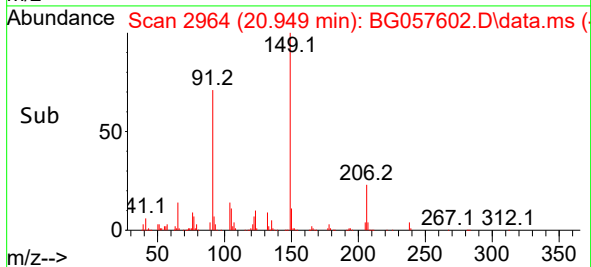
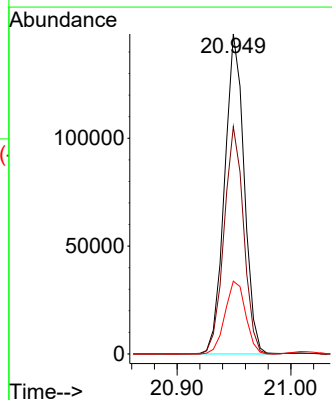
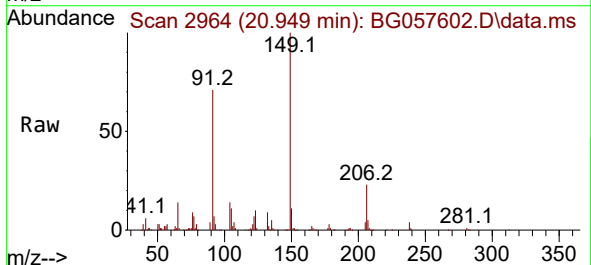
Instrument :
 BNA_G
 ClientSampleId :
 PB153018BS

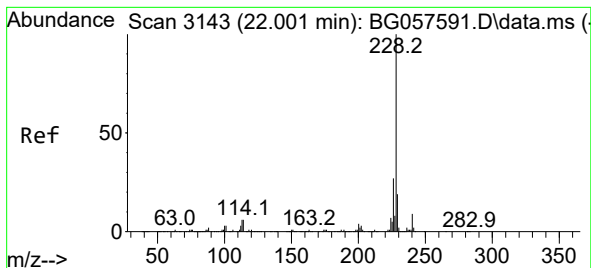
Tgt Ion:244 Resp: 815468
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 6.8 4.8 7.2



#80
 Butylbenzylphthalate
 Concen: 43.735 ng
 RT: 20.949 min Scan# 2964
 Delta R.T. 0.000 min
 Lab File: BG057602.D
 Acq: 27 May 2023 3:25

Tgt Ion:149 Resp: 177561
 Ion Ratio Lower Upper
 149 100
 91 71.1 57.0 85.6
 206 22.7 19.4 29.2





#81

Benzo(a)anthracene

Concen: 44.003 ng

RT: 21.995 min Scan# 3142

Delta R.T. -0.006 min

Lab File: BG057602.D

Acq: 27 May 2023 3:25

Instrument :

BNA_G

ClientSampleId :

PB153018BS

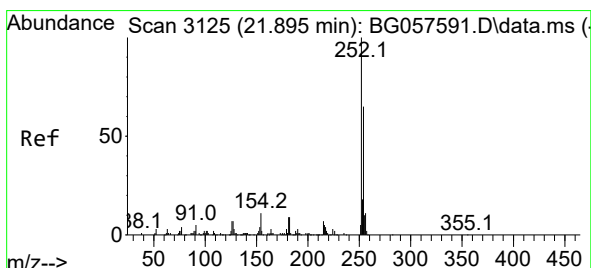
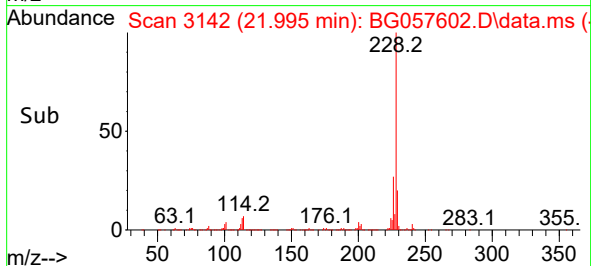
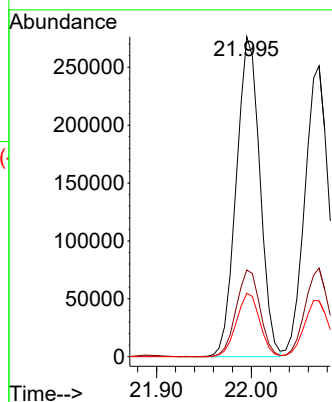
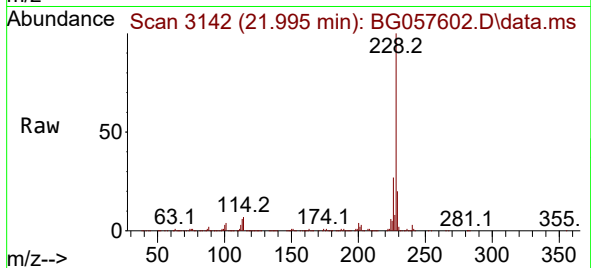
Tgt Ion:228 Resp: 477950

Ion Ratio Lower Upper

228 100

226 27.1 21.4 32.0

229 19.8 15.4 23.2



#82

3,3'-Dichlorobenzidine

Concen: 29.999 ng

RT: 21.889 min Scan# 3124

Delta R.T. -0.006 min

Lab File: BG057602.D

Acq: 27 May 2023 3:25

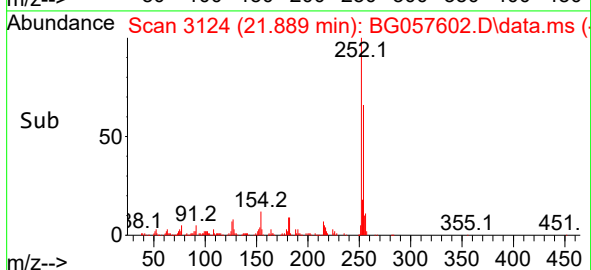
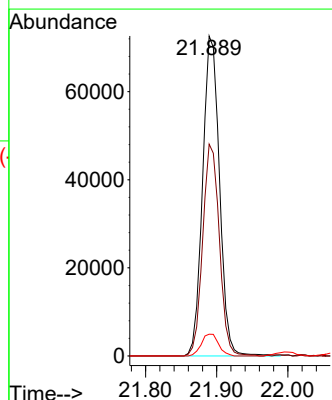
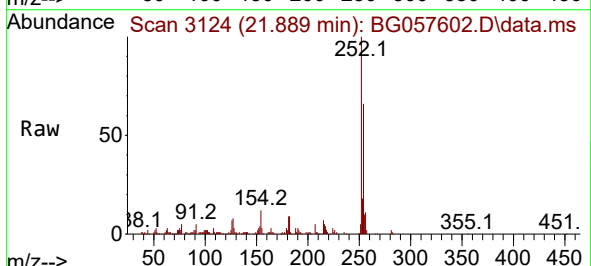
Tgt Ion:252 Resp: 120162

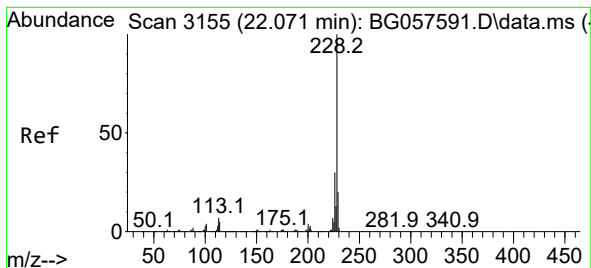
Ion Ratio Lower Upper

252 100

254 66.2 51.8 77.8

126 6.8 5.4 8.2





#83

Chrysene

Concen: 42.680 ng

RT: 22.071 min Scan# 3155

Delta R.T. 0.000 min

Lab File: BG057602.D

Acq: 27 May 2023 3:25

Instrument :

BNA_G

ClientSampleId :

PB153018BS

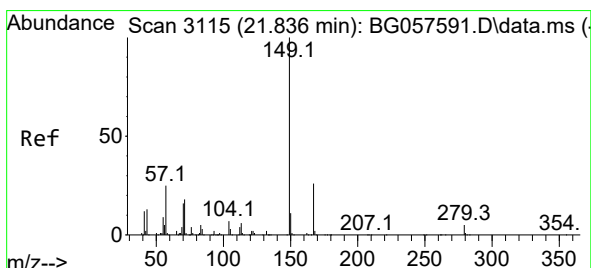
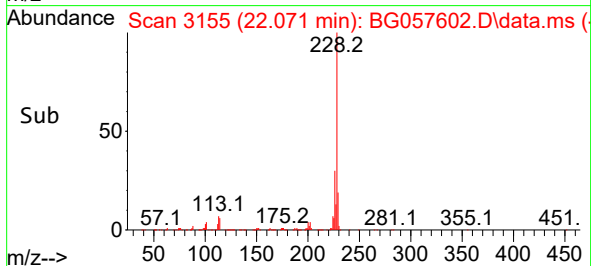
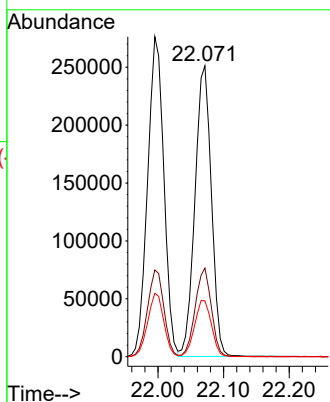
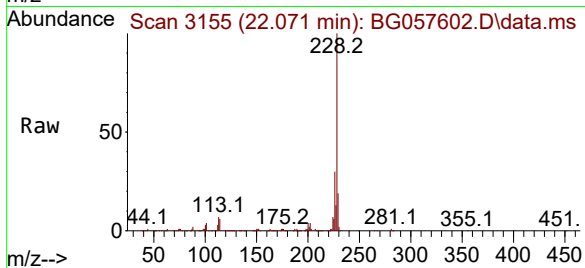
Tgt Ion:228 Resp: 438090

Ion Ratio Lower Upper

228 100

226 30.5 24.3 36.5

229 19.2 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.570 ng

RT: 21.836 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BG057602.D

Acq: 27 May 2023 3:25

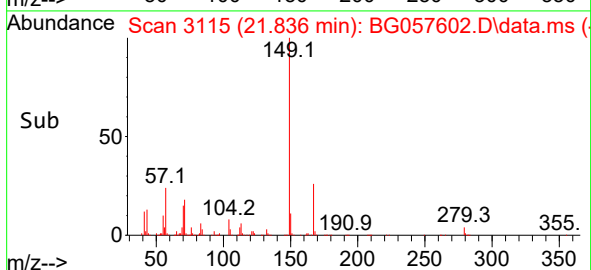
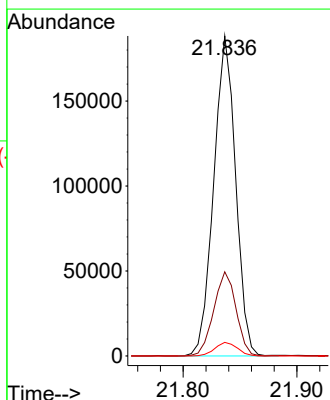
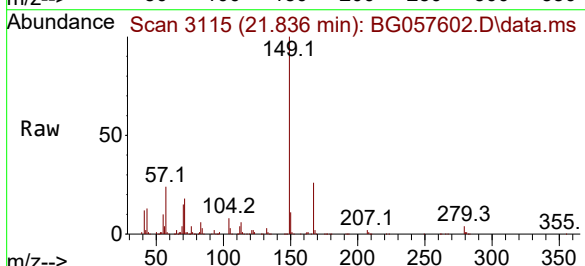
Tgt Ion:149 Resp: 252323

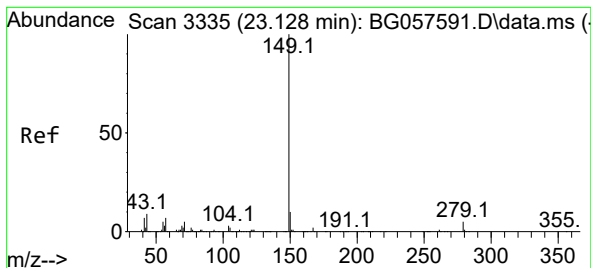
Ion Ratio Lower Upper

149 100

167 26.3 20.6 31.0

279 4.3 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 44.004 ng

RT: 23.129 min Scan# 31

Delta R.T. 0.000 min

Lab File: BG057602.D

Acq: 27 May 2023 3:25

Instrument :

BNA_G

ClientSampleId :

PB153018BS

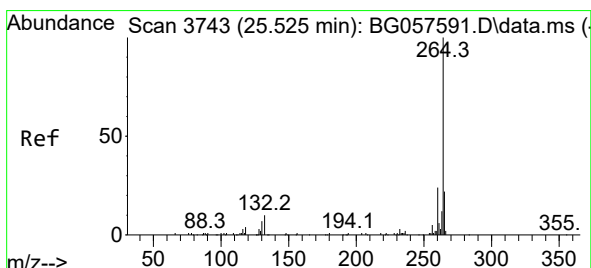
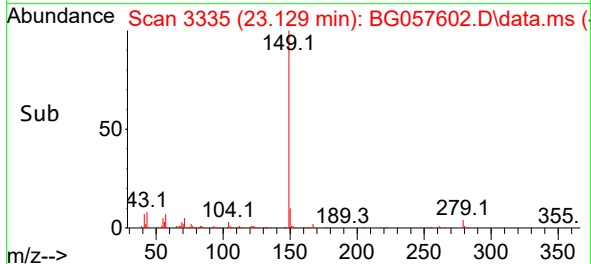
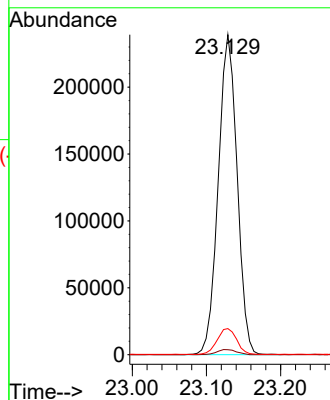
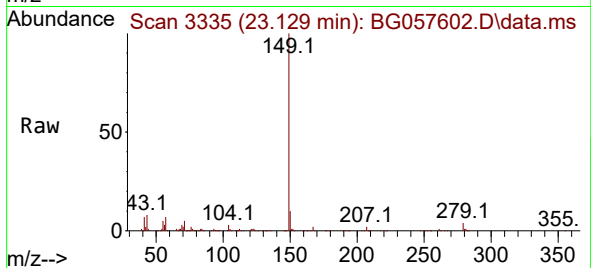
Tgt Ion:149 Resp: 422404

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.3 7.0 10.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.520 min Scan# 3742

Delta R.T. -0.006 min

Lab File: BG057602.D

Acq: 27 May 2023 3:25

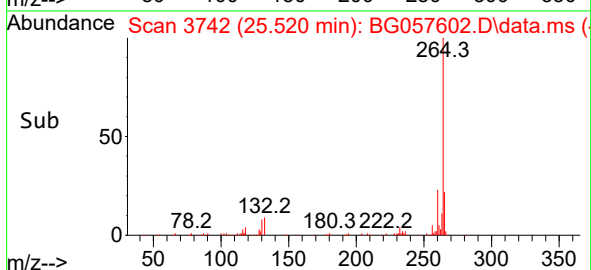
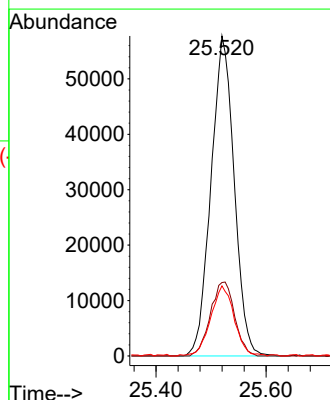
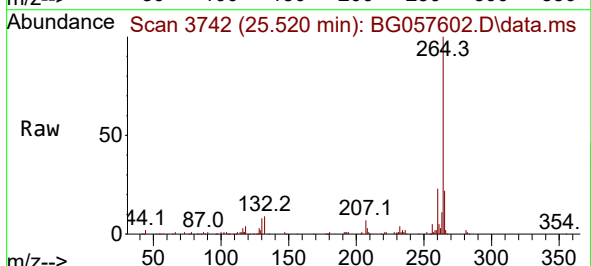
Tgt Ion:264 Resp: 168706

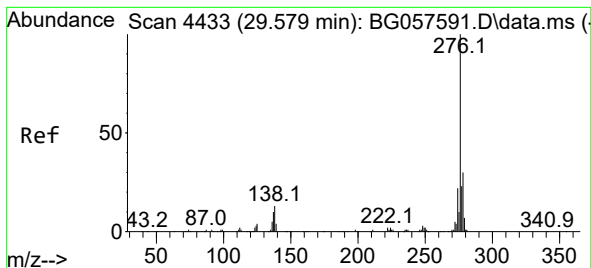
Ion Ratio Lower Upper

264 100

260 22.9 19.1 28.7

265 21.9 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.308 ng

RT: 29.579 min Scan# 4433

Delta R.T. 0.000 min

Lab File: BG057602.D

Acq: 27 May 2023 3:25

Instrument :

BNA_G

ClientSampleId :

PB153018BS

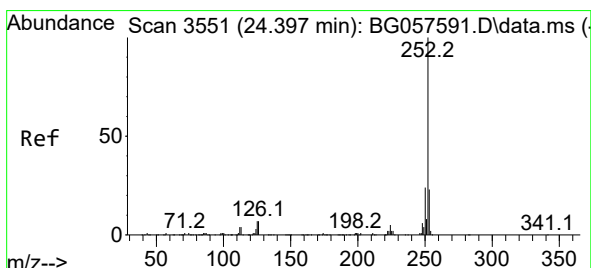
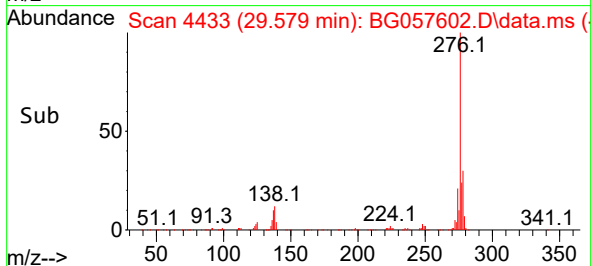
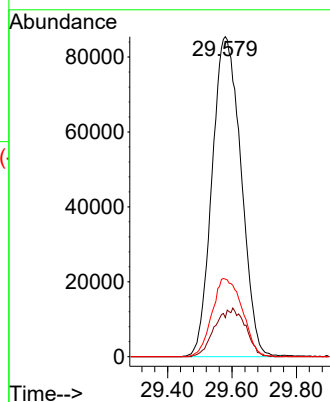
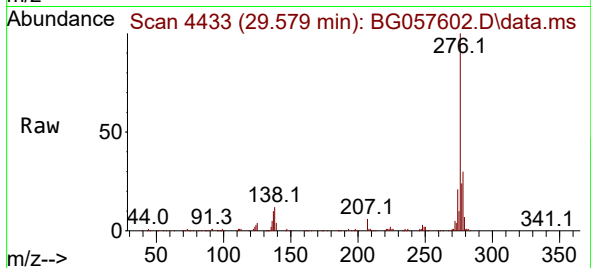
Tgt Ion:276 Resp: 532919

Ion Ratio Lower Upper

276 100

138 0.0 12.3 18.5#

277 25.5 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 47.456 ng

RT: 24.398 min Scan# 3551

Delta R.T. 0.000 min

Lab File: BG057602.D

Acq: 27 May 2023 3:25

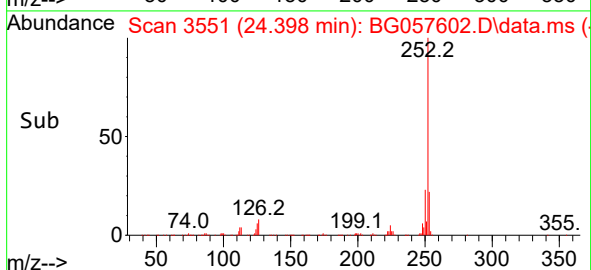
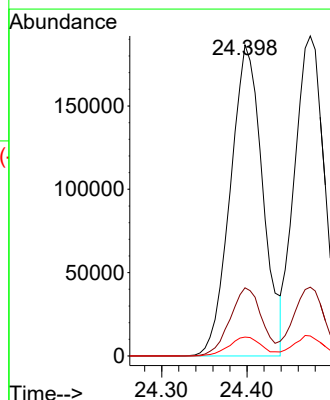
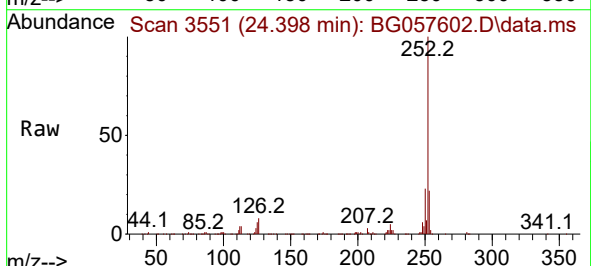
Tgt Ion:252 Resp: 492797

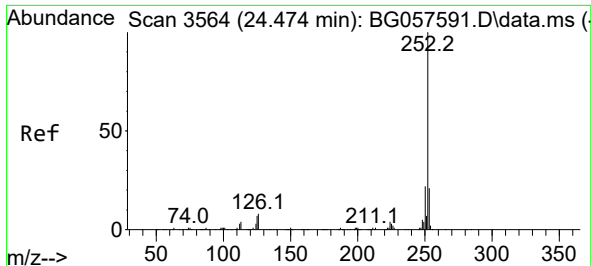
Ion Ratio Lower Upper

252 100

253 21.9 18.4 27.6

125 6.1 5.2 7.8

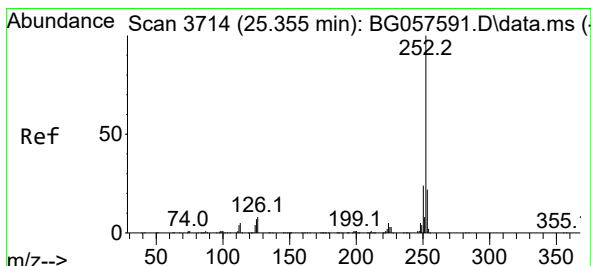
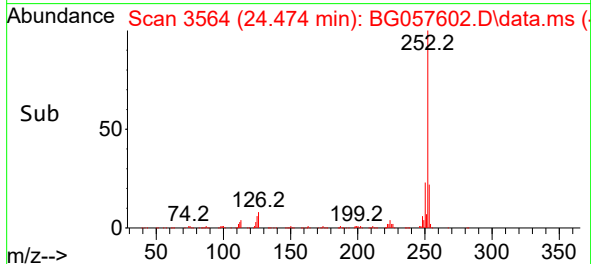
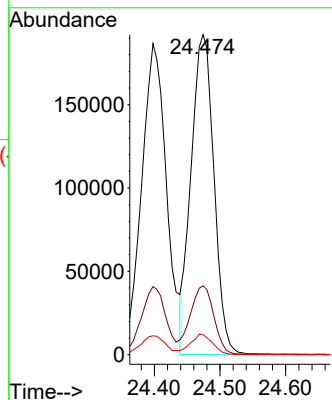
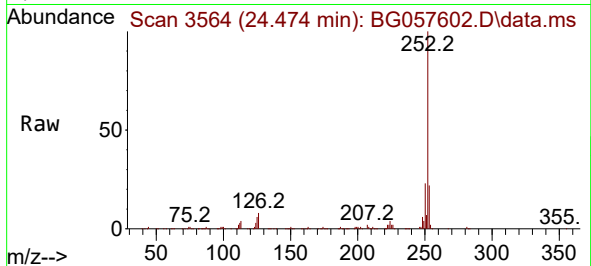




#89
Benzo(k)fluoranthene
Concen: 44.388 ng
RT: 24.474 min Scan# 3564
Delta R.T. 0.000 min
Lab File: BG057602.D
Acq: 27 May 2023 3:25

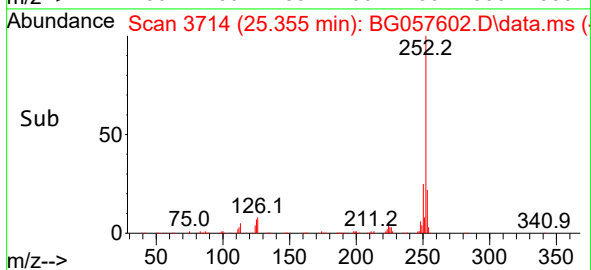
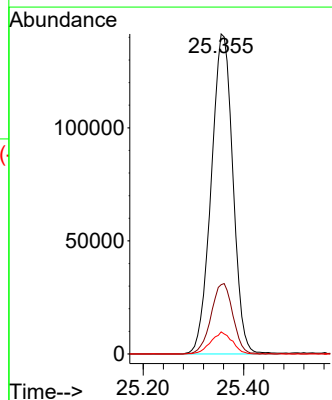
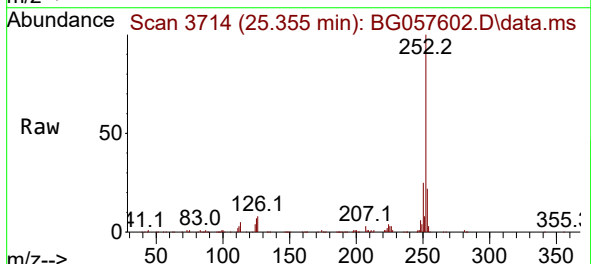
Instrument :
BNA_G
ClientSampleId :
PB153018BS

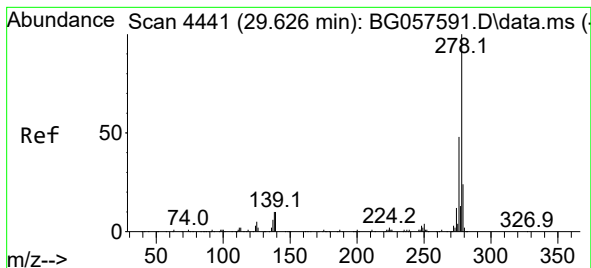
Tgt Ion:252 Resp: 465192
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 6.3 5.1 7.7



#90
Benzo(a)pyrene
Concen: 41.859 ng
RT: 25.355 min Scan# 3714
Delta R.T. 0.000 min
Lab File: BG057602.D
Acq: 27 May 2023 3:25

Tgt Ion:252 Resp: 423901
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 6.9 5.3 7.9





#91

Dibenzo(a,h)anthracene

Concen: 45.335 ng

RT: 29.632 min Scan# 4442

Delta R.T. 0.006 min

Lab File: BG057602.D

Acq: 27 May 2023 3:25

Instrument :

BNA_G

ClientSampleId :

PB153018BS

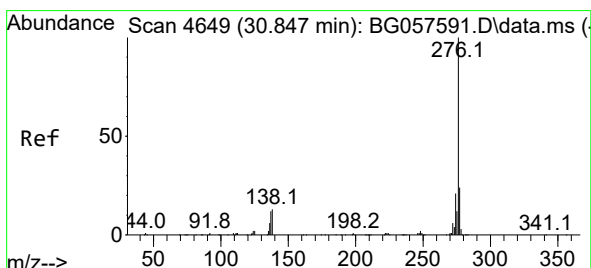
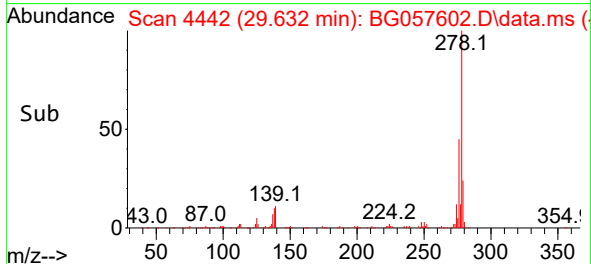
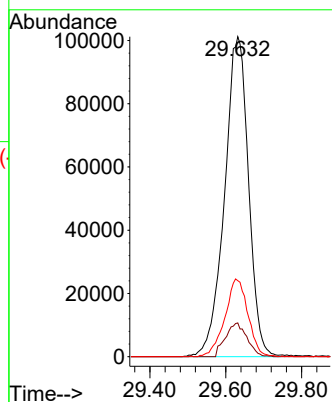
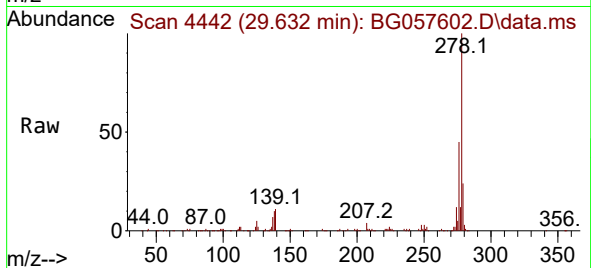
Tgt Ion:278 Resp: 443787

Ion Ratio Lower Upper

278 100

139 10.6 7.8 11.8

279 23.7 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 45.130 ng

RT: 30.854 min Scan# 4650

Delta R.T. 0.006 min

Lab File: BG057602.D

Acq: 27 May 2023 3:25

Tgt Ion:276 Resp: 430851

Ion Ratio Lower Upper

276 100

277 23.6 18.9 28.3

138 13.2 10.2 15.4

