

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071123\
 Data File : BG058163.D
 Acq On : 11 Jul 2023 17:40
 Operator : CG/JU
 Sample : 03387-04MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 11 22:56:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 16:52:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	41983	20.000	ng/u1	0.00
20) Naphthalene-d8	10.779	136	190197	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.598	164	135122	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.342	188	313405	20.000	ng/u1	0.00
79) Chrysene-d12	21.602	240	270408	20.000	ng/u1	0.00
88) Perylene-d12	24.792	264	332392	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	2449	2.043	ng/uL	0.00
4) Pyridine-d5	3.817	84	5156	1.417	ng/u1	0.00
7) Phenol-d5	7.131	99	53908	12.573	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.295	67	32133	12.436	ng/u1	0.00
11) 2-Chlorophenol-d4	7.501	132	36372	12.300	ng/u1	0.00
15) 4-Methylphenol-d8	8.676	113	32592	10.074	ng/u1	0.00
21) Nitrobenzene-d5	9.134	128	20137	12.990	ng/u1	0.00
24) 2-Nitrophenol-d4	9.857	143	21600	13.258	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.397	165	40438	12.938	ng/u1	0.00
31) 4-Chloroaniline-d4	10.914	131	18622	3.930	ng/u1	0.00
46) Dimethylphthalate-d6	13.999	166	133890	12.558	ng/u1	0.00
49) Acenaphthylene-d8	14.293	160	154550	13.284	ng/u1	0.00
54) 4-Nitrophenol-d4	14.798	143	15608	8.286	ng/u1	0.00
60) Fluorene-d10	15.591	176	124313	13.730	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.709	200	12026	7.067	ng/u1	0.00
73) Anthracene-d10	17.442	188	184043	12.655	ng/u1	0.00
81) Pyrene-d10	19.728	212	235224	13.812	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.569	264	228871	13.515	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.441	88	7043	4.755	ng/uL#	93
5) Pyridine	3.840	79	4237	1.136	ng/u1#	83
6) Benzaldehyde	7.113	77	32123	22.435	ng/u1	95
8) Phenol	7.160	94	62350	14.331	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.389	93	44783	13.331	ng/u1	99
12) 2-Chlorophenol	7.536	128	42754	13.894	ng/u1	96
13) 2-Methylphenol	8.411	108	35349	10.345	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.488	45	38174	7.382	ng/u1	97
16) Acetophenone	8.793	105	86908	16.192	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.770	70	43615	15.200	ng/u1#	96
18) 4-Methylphenol	8.741	108	44462	12.034	ng/u1	98
19) Hexachloroethane	9.058	117	16704	14.160	ng/u1	98
22) Nitrobenzene	9.175	77	56167	13.957	ng/u1	98
23) Isophorone	9.692	82	112475	13.098	ng/u1	99
25) 2-Nitrophenol	9.886	139	25600	14.643	ng/u1#	87
26) 2,4-Dimethylphenol	9.945	107	7469	1.900	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.174	93	64085	13.244	ng/u1	98
29) 2,4-Dichlorophenol	10.421	162	43663	14.368	ng/u1	95
30) Naphthalene	10.826	128	153373	14.349	ng/u1	99
32) 4-Chloroaniline	10.932	127	18741	3.868	ng/u1	91
33) Hexachlorobutadiene	11.108	225	30426	14.143	ng/u1	98
34) Caprolactam	11.678	113	15424	12.625	ng/u1	93
35) 4-Chloro-3-methylphenol	12.054	107	50111	13.424	ng/u1	96
36) 2-Methylnaphthalene	12.430	142	103903	14.420	ng/u1	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071123\
 Data File : BG058163.D
 Acq On : 11 Jul 2023 17:40
 Operator : CG/JU
 Sample : 03387-04MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

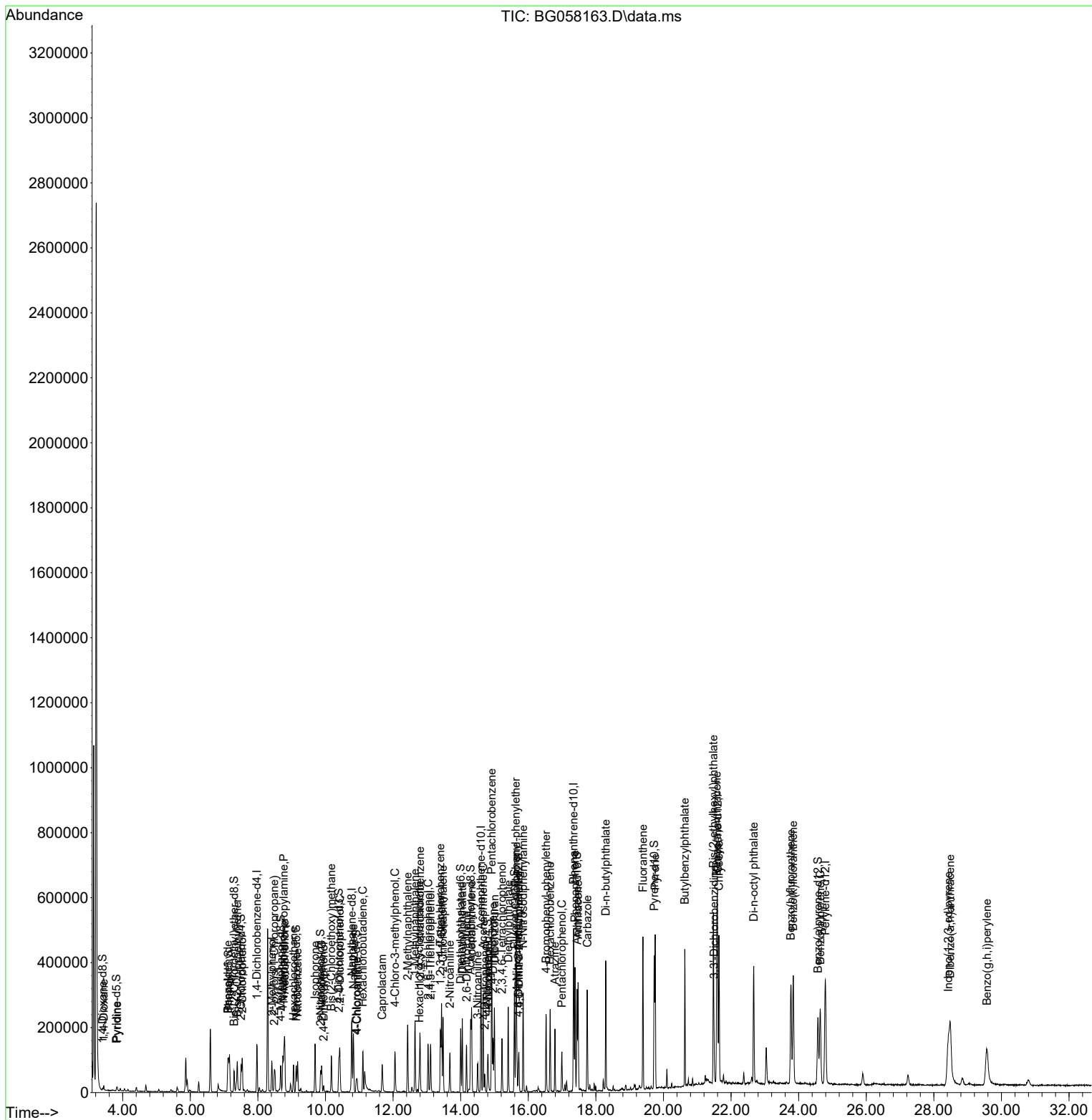
Instrument :
 BNA_G
 ClientSampleId :

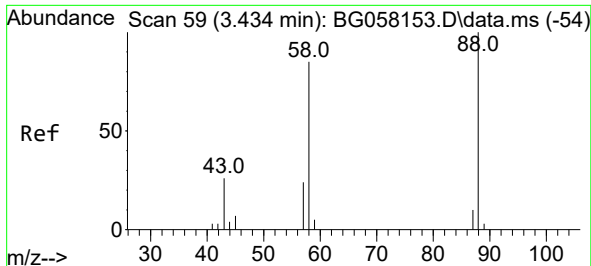
Quant Time: Jul 11 22:56:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 16:52:40 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.648	142	104700	14.491	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.795	216	59635	14.482	ng/ul	99
40) Hexachlorocyclopentadiene	12.777	237	13509	5.208	ng/ul	96
41) 2,4,6-Trichlorophenol	13.035	196	39014	13.979	ng/ul	98
42) 2,4,5-Trichlorophenol	13.112	196	43303	14.347	ng/ul	96
43) 1,1'-Biphenyl	13.435	154	142165	14.600	ng/ul	98
44) 2-Chloronaphthalene	13.476	162	113784	14.560	ng/ul	99
45) 2-Nitroaniline	13.682	65	38642	14.222	ng/ul	97
47) Dimethylphthalate	14.046	163	148281	13.844	ng/ul	99
48) 2,6-Dinitrotoluene	14.175	165	30726	13.975	ng/ul	97
50) Acenaphthylene	14.322	152	182345	14.514	ng/ul	97
51) 3-Nitroaniline	14.504	138	23339	12.561	ng/ul#	99
52) Acenaphthene	14.663	153	125503	14.558	ng/ul	96
53) 2,4-Dinitrophenol	14.710	184	12698	11.078	ng/ul	99
55) 4-Nitrophenol	14.810	109	17422	12.486	ng/ul	97
56) Dibenzofuran	14.998	168	180383	14.719	ng/ul	98
57) 2,4-Dinitrotoluene	14.957	165	44763	14.370	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.221	232	37956	13.814	ng/ul#	97
59) Diethylphthalate	15.409	149	155456	13.906	ng/ul	99
61) Fluorene	15.644	166	148834	14.802	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.632	204	77902	14.642	ng/ul	97
63) 4-Nitroaniline	15.662	138	24866	14.940	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.721	198	22840	13.124	ng/ul#	96
67) N-Nitrosodiphenylamine	15.850	169	119076	14.276	ng/ul	98
68) 4-Bromophenyl-phenylether	16.531	248	51681	15.023	ng/ul	97
69) Hexachlorobenzene	16.649	284	57562	14.945	ng/ul	98
70) Atrazine	16.790	200	32717	9.592	ng/ul	94
71) Pentachlorophenol	16.996	266	26554	11.484	ng/ul	97
72) Phenanthrene	17.383	178	243379	15.267	ng/ul	100
74) Anthracene	17.477	178	223559	13.858	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.400	216	63105	15.182	ng/ul	99
76) Pentachlorobenzene	14.922	250	154861	34.885	ng/ul	97
77) Carbazole	17.748	167	216096	14.811	ng/ul	100
78) Di-n-butylphthalate	18.294	149	285276	15.349	ng/ul	99
80) Fluoranthene	19.393	202	294251	14.911	ng/ul	98
82) Pyrene	19.757	202	297582	14.981	ng/ul	99
83) Butylbenzylphthalate	20.632	149	124982	15.516	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.496	252	60152	9.189	ng/ul	95
85) Benzo(a)anthracene	21.578	228	295703	15.230	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.479	149	195759	16.959	ng/ul	97
87) Chrysene	21.643	228	279506	15.357	ng/ul	99
89) Di-n-octyl phthalate	22.671	149	320446	15.691	ng/ul	100
90) Benzo(b)fluoranthene	23.770	252	309125	15.020	ng/ul	99
91) Benzo(k)fluoranthene	23.840	252	305935	15.166	ng/ul	99
93) Benzo(a)pyrene	24.640	252	258406	14.186	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.429	276	362249	14.975	ng/ul	98
95) Dibenzo(a,h)anthracene	28.488	278	301473	15.114	ng/ul	97
96) Benzo(g,h,i)perylene	29.575	276	279979	14.171	ng/ul	99

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

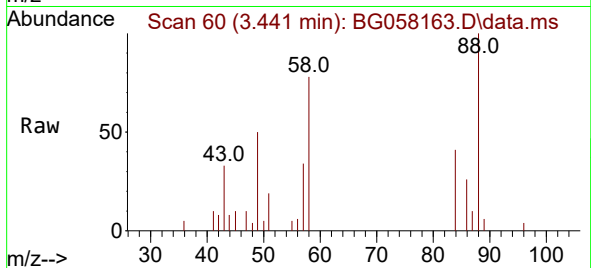
Quant Time: Jul 11 22:56:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 10 16:52:40 2023
Response via : Initial Calibration



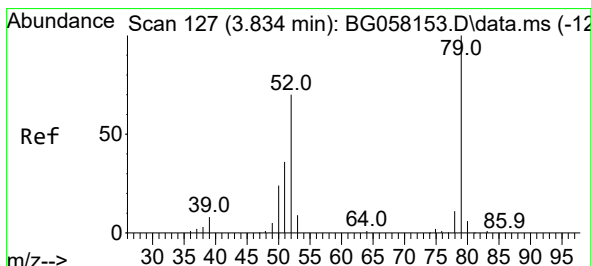
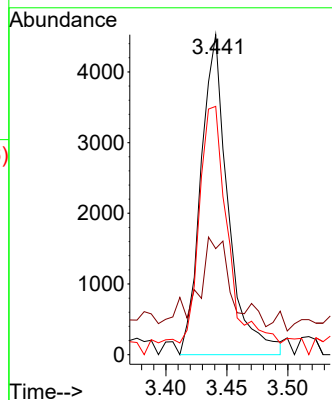
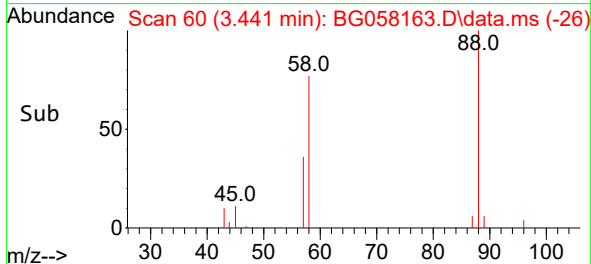


#2
1,4-Dioxane
Concen: 4.755 ng/uL
RT: 3.441 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058163.D
Acq: 11 Jul 2023 17:40

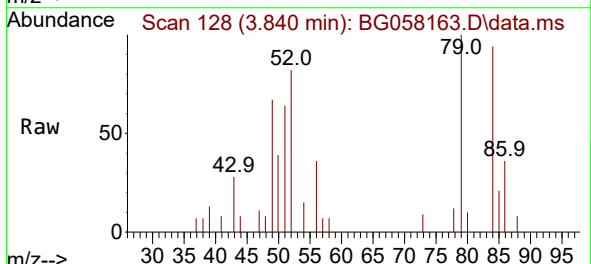
Instrument :
BNA_G
ClientSampleId :



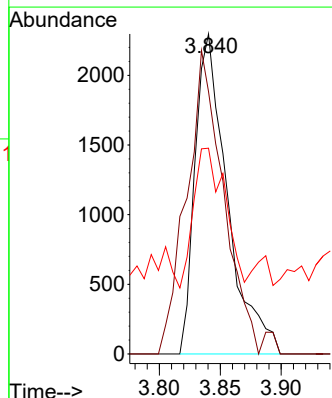
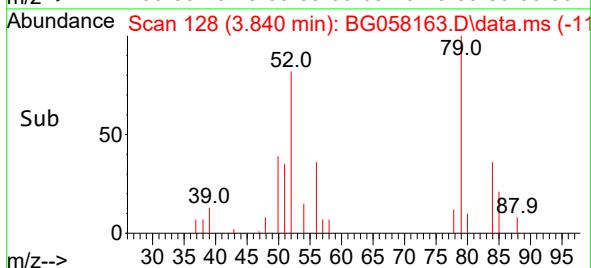
Tgt Ion: 88 Resp: 7043
Ion Ratio Lower Upper
88 100
43 33.2 20.6 30.8#
58 77.6 65.5 98.3

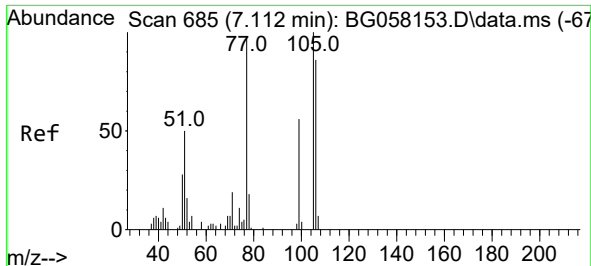


#5
Pyridine
Concen: 1.136 ng/uL
RT: 3.840 min Scan# 128
Delta R.T. 0.007 min
Lab File: BG058163.D
Acq: 11 Jul 2023 17:40



Tgt Ion: 79 Resp: 4237
Ion Ratio Lower Upper
79 100
52 82.0 68.6 102.8
51 64.3 29.4 44.0#

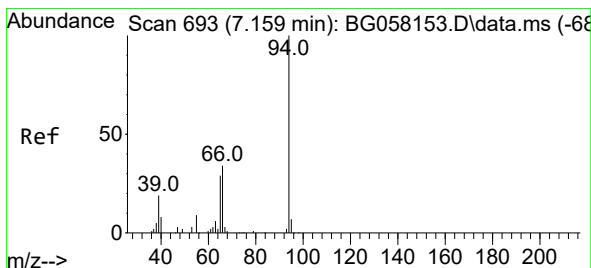
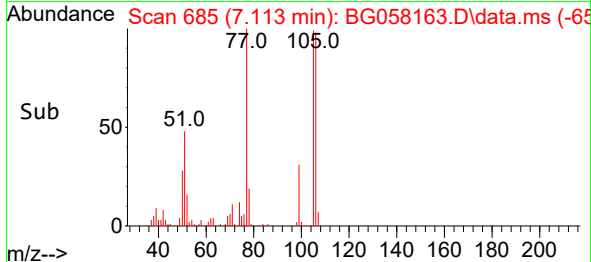
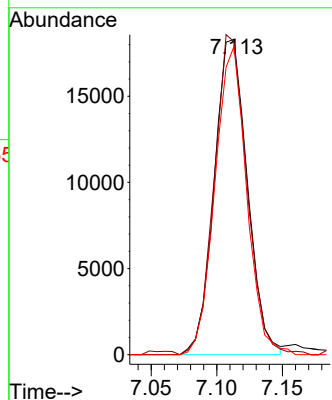
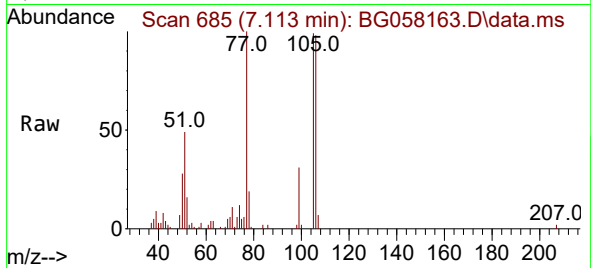




#6
Benzaldehyde
Concen: 22.435 ng/ul
RT: 7.113 min Scan# 685
Delta R.T. 0.001 min
Lab File: BG058163.D
Acq: 11 Jul 2023 17:40

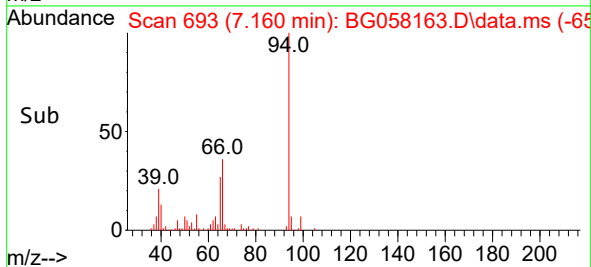
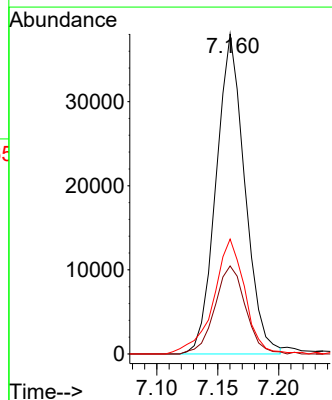
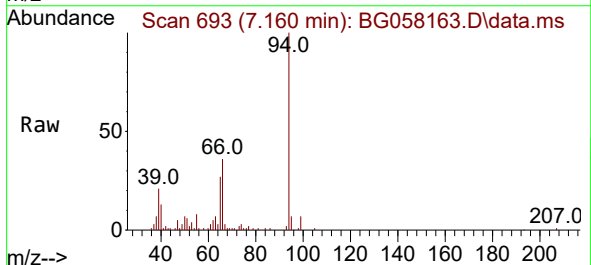
Instrument :
BNA_G
ClientSampleId :

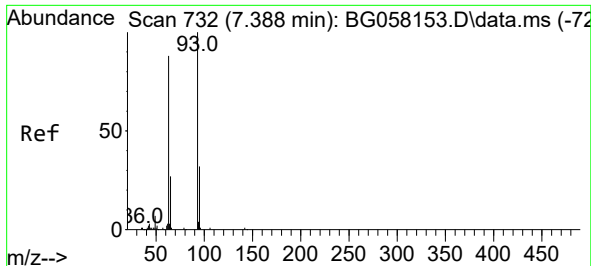
Tgt Ion: 77 Resp: 32123
Ion Ratio Lower Upper
77 100
105 99.3 74.7 112.1
106 97.7 75.9 113.9



#8
Phenol
Concen: 14.331 ng/ul
RT: 7.160 min Scan# 693
Delta R.T. 0.001 min
Lab File: BG058163.D
Acq: 11 Jul 2023 17:40

Tgt Ion: 94 Resp: 62350
Ion Ratio Lower Upper
94 100
65 27.5 22.2 33.4
66 35.9 28.6 43.0

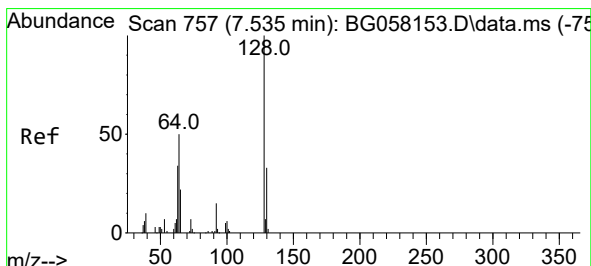
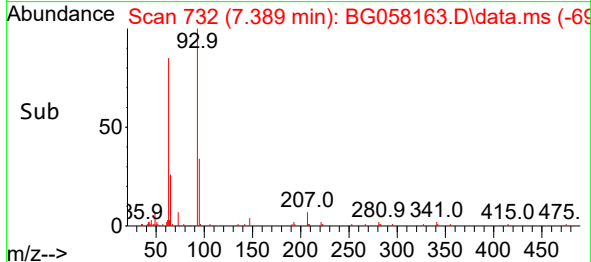
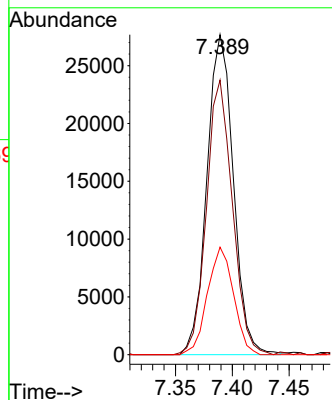
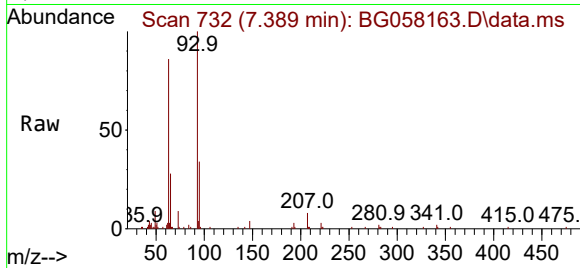




#10
Bis(2-Chloroethyl)ether
Concen: 13.331 ng/ul
RT: 7.389 min Scan# 710
Delta R.T. 0.001 min
Lab File: BG058163.D
Acq: 11 Jul 2023 17:40

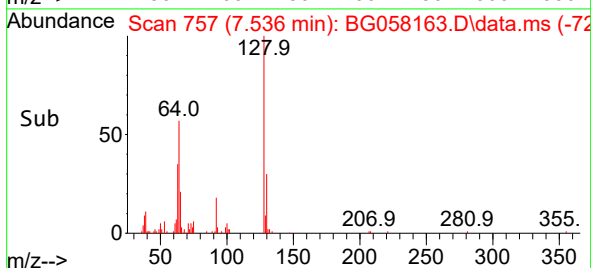
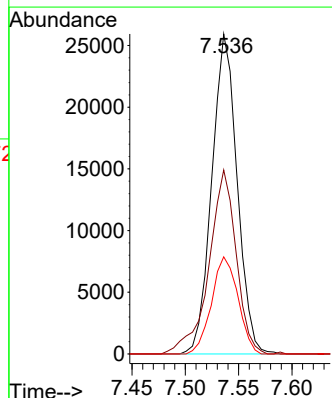
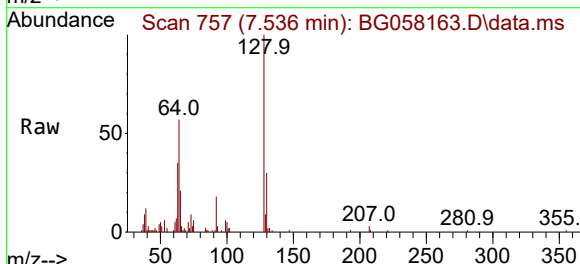
Instrument :
BNA_G
ClientSampleId :

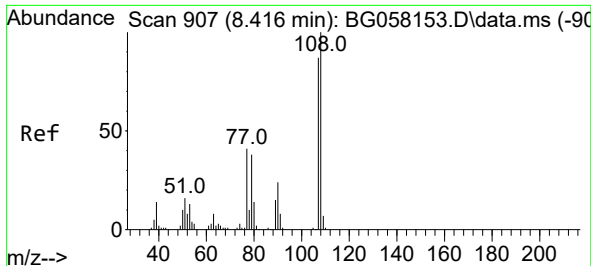
Tgt Ion: 93 Resp: 44783
Ion Ratio Lower Upper
93 100
63 85.8 69.4 104.0
95 33.6 27.0 40.6



#12
2-Chlorophenol
Concen: 13.894 ng/ul
RT: 7.536 min Scan# 757
Delta R.T. 0.001 min
Lab File: BG058163.D
Acq: 11 Jul 2023 17:40

Tgt Ion:128 Resp: 42754
Ion Ratio Lower Upper
128 100
64 57.5 44.3 66.5
130 30.4 27.3 40.9





#13

2-Methylphenol

Concen: 10.345 ng/ul

RT: 8.411 min Scan# 907

Delta R.T. 0.001 min

Lab File: BG058163.D

Acq: 11 Jul 2023 17:40

Instrument :

BNA_G

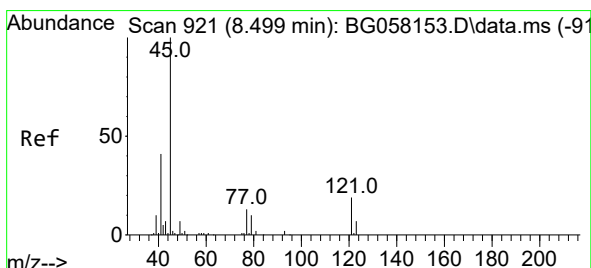
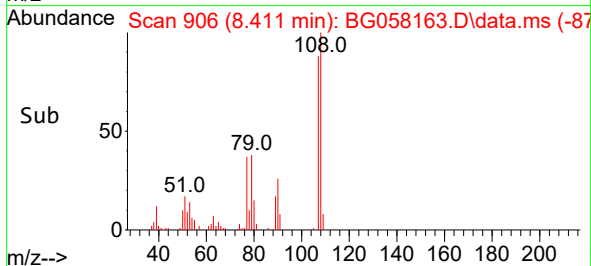
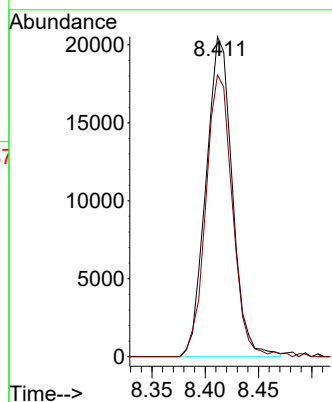
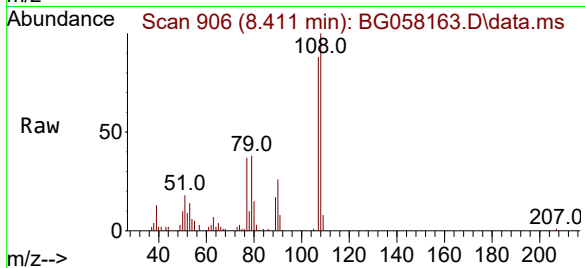
ClientSampleId :

Tgt Ion:108 Resp: 35349

Ion Ratio Lower Upper

108 100

107 88.0 75.0 112.4



#14

2,2'-oxybis(1-Chloropropane)

Concen: 7.382 ng/ul

RT: 8.488 min Scan# 919

Delta R.T. -0.011 min

Lab File: BG058163.D

Acq: 11 Jul 2023 17:40

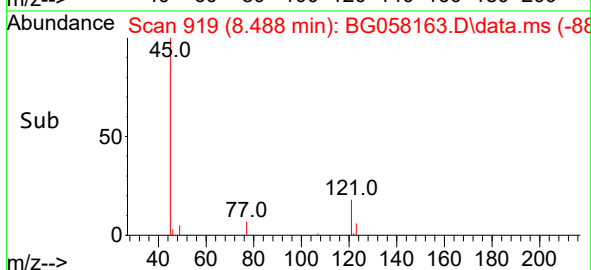
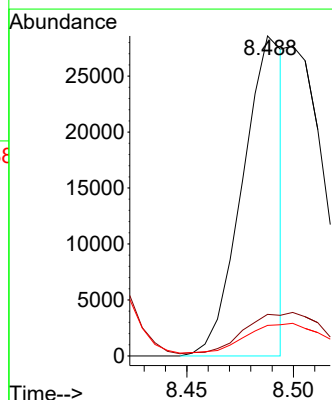
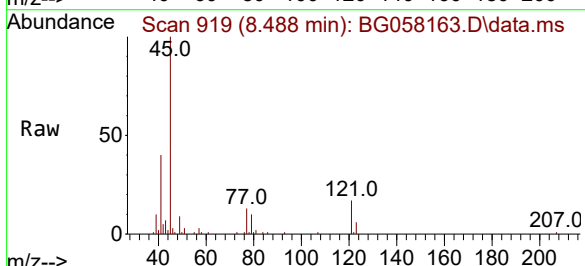
Tgt Ion: 45 Resp: 38174

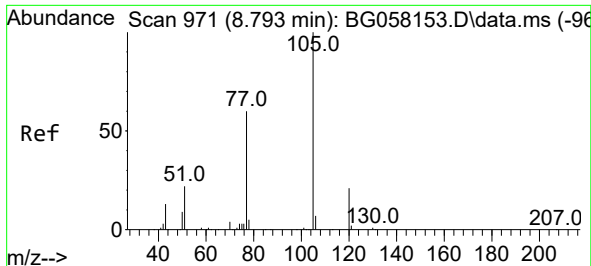
Ion Ratio Lower Upper

45 100

77 13.0 9.4 14.2

79 9.6 8.3 12.5

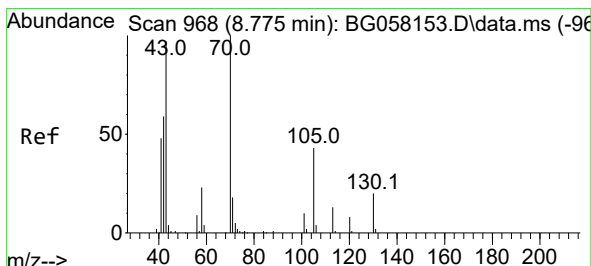
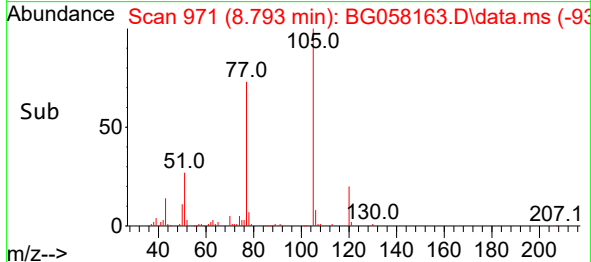
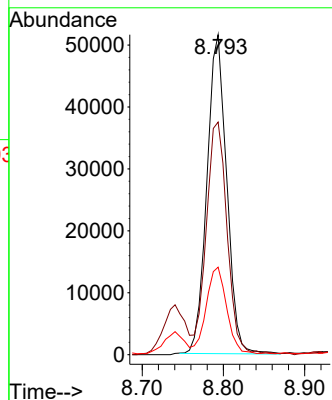
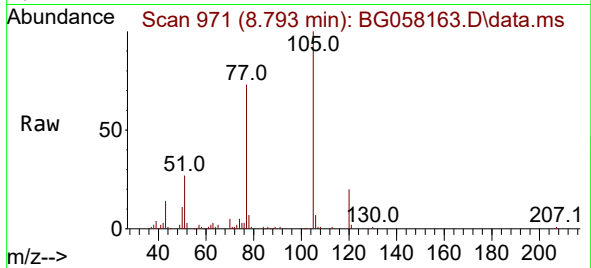




#16
Acetophenone
Concen: 16.192 ng/ul
RT: 8.793 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG058163.D
Acq: 11 Jul 2023 17:40

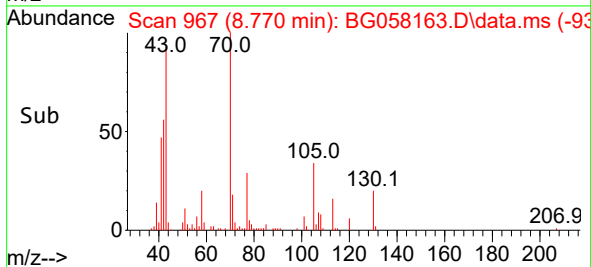
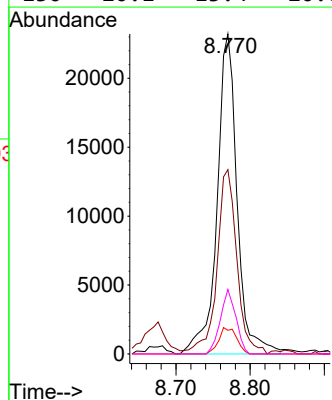
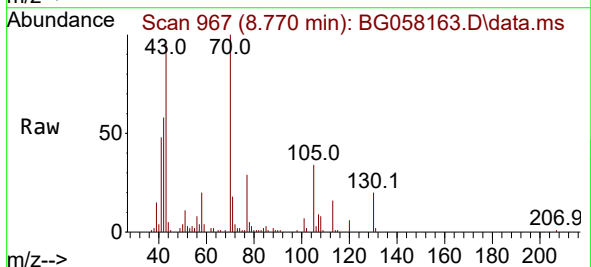
Instrument :
BNA_G
ClientSampleId :

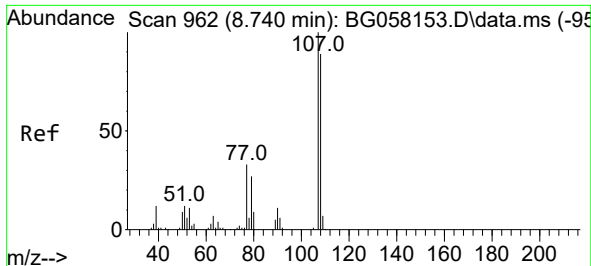
Tgt Ion:105 Resp: 86908
Ion Ratio Lower Upper
105 100
77 72.7 61.2 91.8
51 27.4 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 15.200 ng/ul
RT: 8.770 min Scan# 967
Delta R.T. 0.001 min
Lab File: BG058163.D
Acq: 11 Jul 2023 17:40

Tgt Ion: 70 Resp: 43615
Ion Ratio Lower Upper
70 100
42 57.6 48.0 72.0
101 7.4 7.4 11.2#
130 20.1 13.4 20.0#

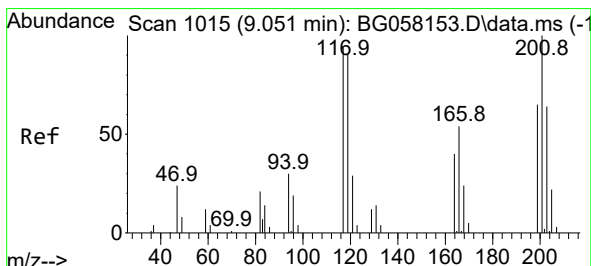
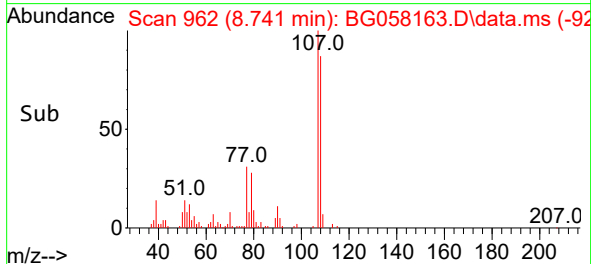
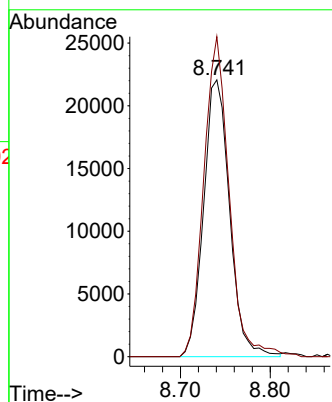
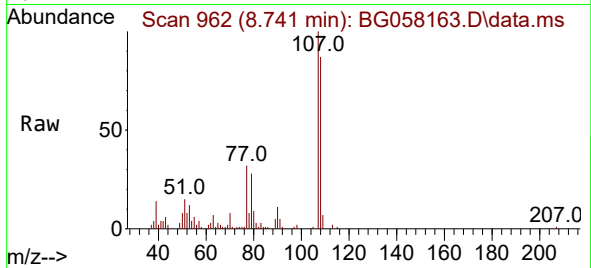




#18
4-Methylphenol
Concen: 12.034 ng/ul
RT: 8.741 min Scan# 90
Delta R.T. 0.001 min
Lab File: BG058163.D
Acq: 11 Jul 2023 17:40

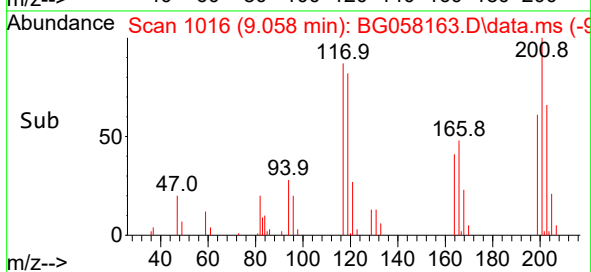
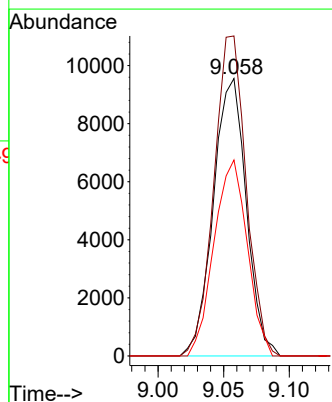
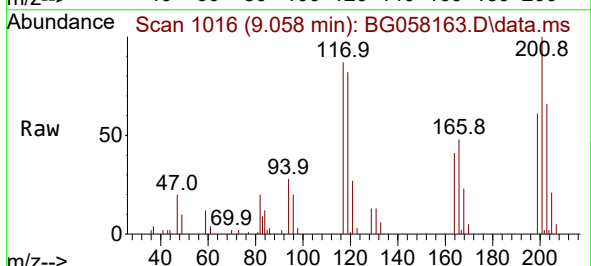
Instrument :
BNA_G
ClientSampleId :

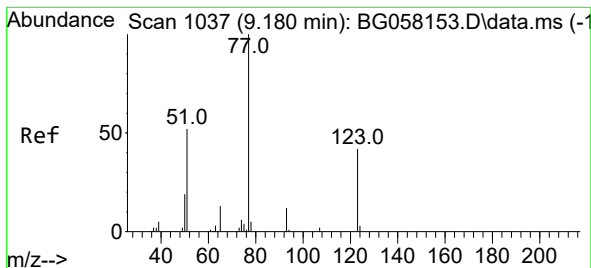
Tgt Ion:108 Resp: 44462
Ion Ratio Lower Upper
108 100
107 115.6 91.1 136.7



#19
Hexachloroethane
Concen: 14.160 ng/ul
RT: 9.058 min Scan# 1016
Delta R.T. 0.001 min
Lab File: BG058163.D
Acq: 11 Jul 2023 17:40

Tgt Ion:117 Resp: 16704
Ion Ratio Lower Upper
117 100
201 117.5 94.0 141.0
199 70.7 59.8 89.6





#22

Nitrobenzene

Concen: 13.957 ng/ul

RT: 9.175 min Scan# 1036

Delta R.T. 0.001 min

Lab File: BG058163.D

Acq: 11 Jul 2023 17:40

Instrument :

BNA_G

ClientSampleId :

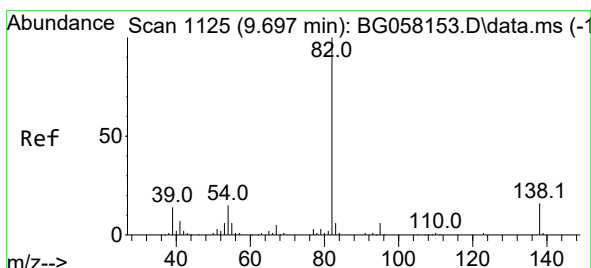
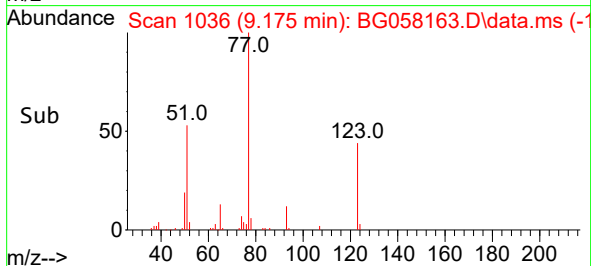
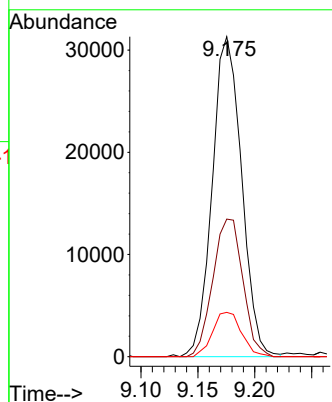
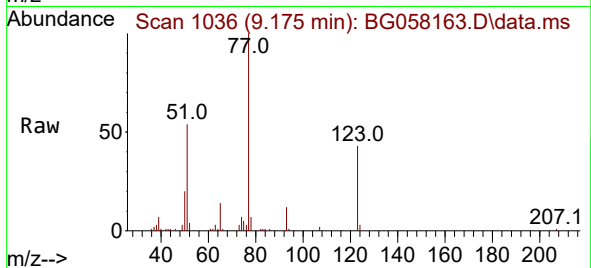
Tgt Ion: 77 Resp: 56167

Ion Ratio Lower Upper

77 100

123 43.0 33.3 49.9

65 13.8 10.4 15.6



#23

Isophorone

Concen: 13.098 ng/ul

RT: 9.692 min Scan# 1124

Delta R.T. 0.001 min

Lab File: BG058163.D

Acq: 11 Jul 2023 17:40

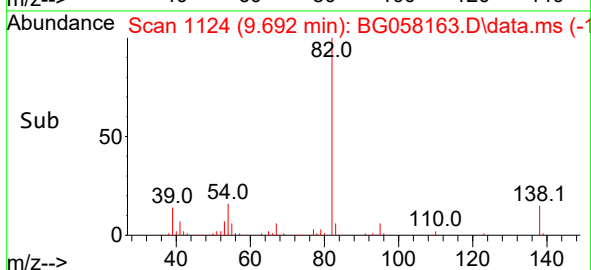
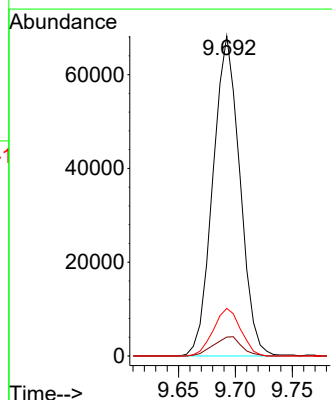
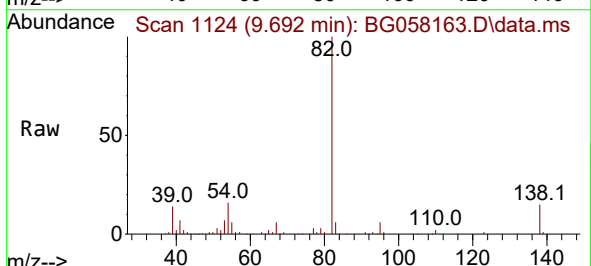
Tgt Ion: 82 Resp: 112475

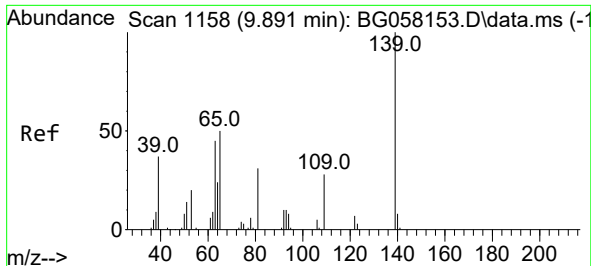
Ion Ratio Lower Upper

82 100

95 5.9 4.8 7.2

138 14.9 11.4 17.0





#25

2-Nitrophenol

Concen: 14.643 ng/ul

RT: 9.886 min Scan# 1157

Delta R.T. -0.005 min

Lab File: BG058163.D

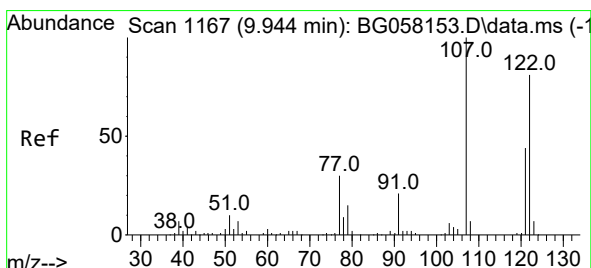
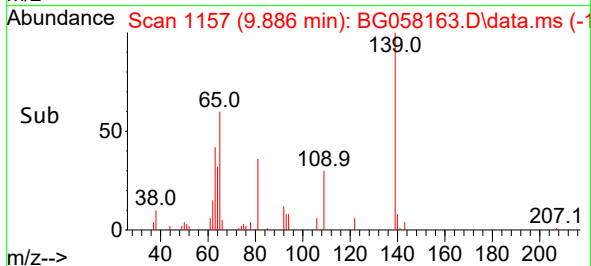
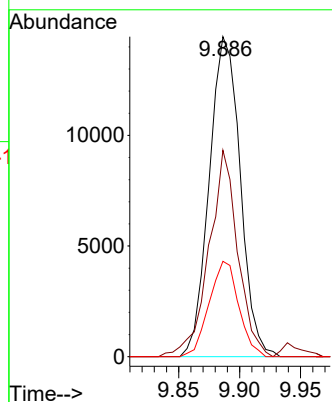
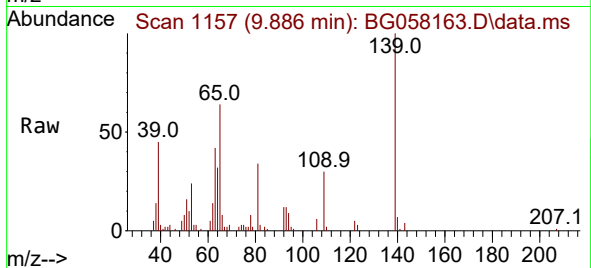
Acq: 11 Jul 2023 17:40

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:139 Resp: 25600
 Ion Ratio Lower Upper
 139 100
 65 64.5 42.6 64.0#
 109 29.8 20.7 31.1



#26

2,4-Dimethylphenol

Concen: 1.900 ng/ul

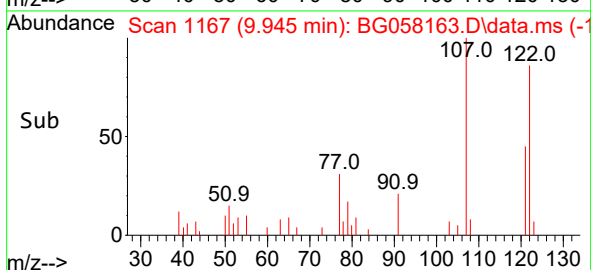
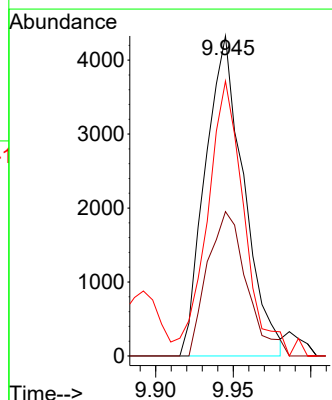
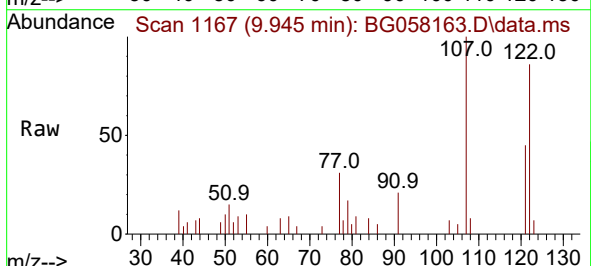
RT: 9.945 min Scan# 1167

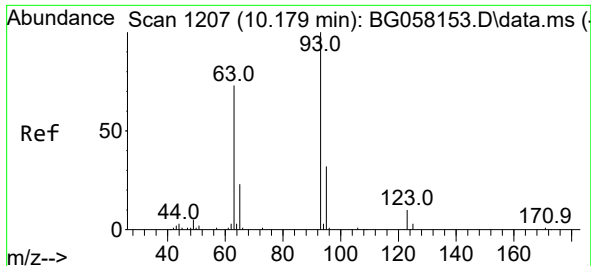
Delta R.T. 0.001 min

Lab File: BG058163.D

Acq: 11 Jul 2023 17:40

Tgt Ion:107 Resp: 7469
 Ion Ratio Lower Upper
 107 100
 121 45.1 40.6 60.8
 122 85.9 67.1 100.7

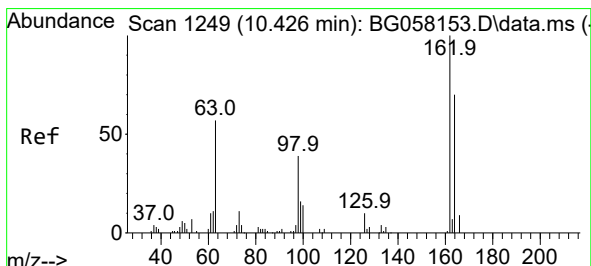
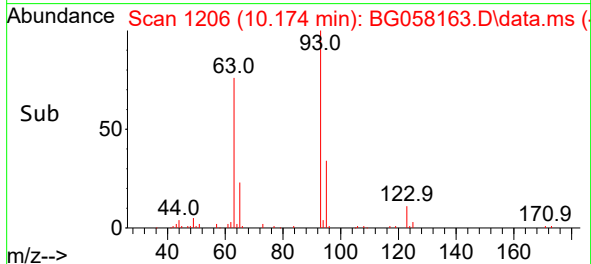
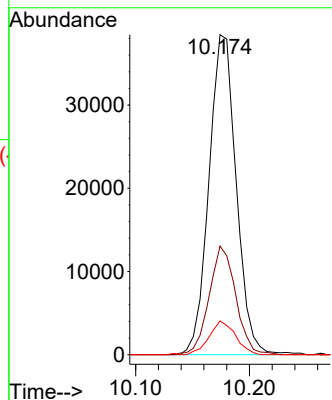
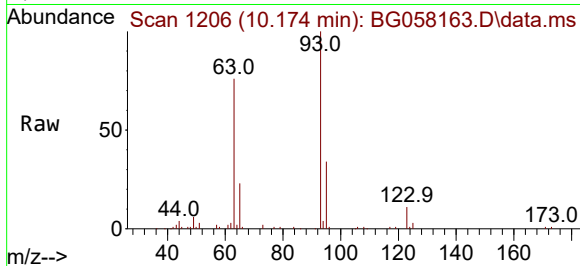




#27
 Bis(2-Chloroethoxy)methane
 Concen: 13.244 ng/ul
 RT: 10.174 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: BG058163.D
 Acq: 11 Jul 2023 17:40

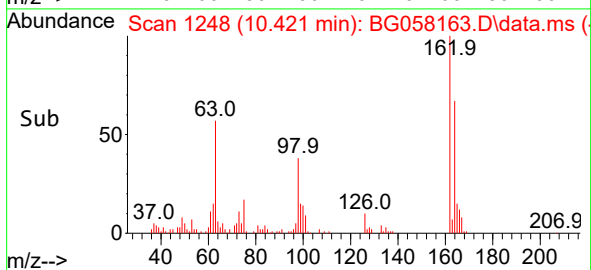
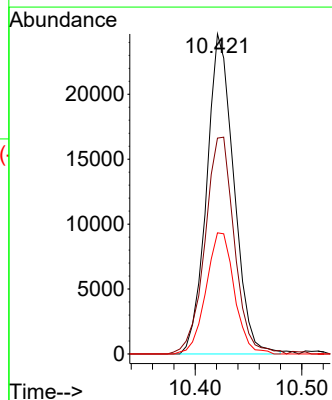
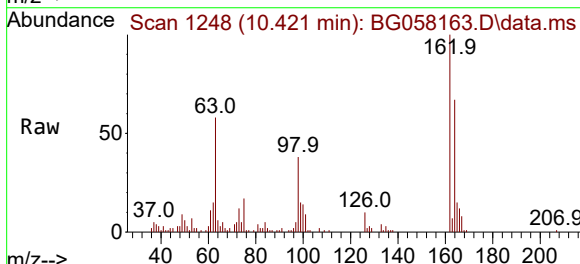
Instrument :
 BNA_G
 ClientSampleId :

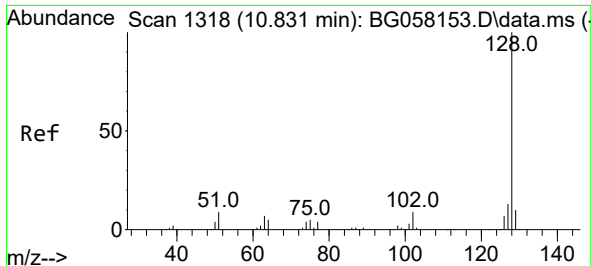
Tgt Ion: 93 Resp: 64085
 Ion Ratio Lower Upper
 93 100
 95 34.0 26.4 39.6
 123 10.6 7.9 11.9



#29
 2,4-Dichlorophenol
 Concen: 14.368 ng/ul
 RT: 10.421 min Scan# 1248
 Delta R.T. -0.005 min
 Lab File: BG058163.D
 Acq: 11 Jul 2023 17:40

Tgt Ion: 162 Resp: 43663
 Ion Ratio Lower Upper
 162 100
 164 67.4 51.1 76.7
 98 37.9 27.9 41.9

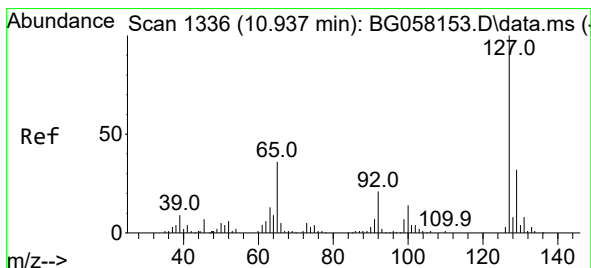
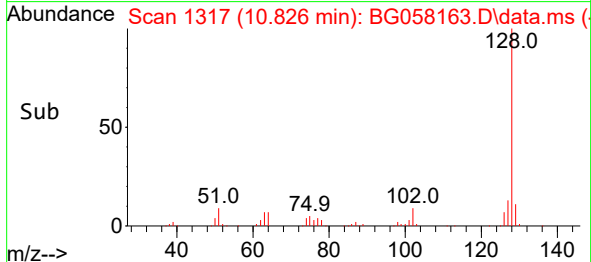
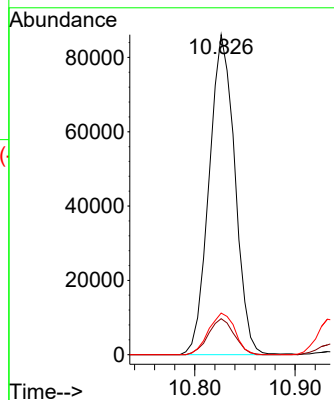
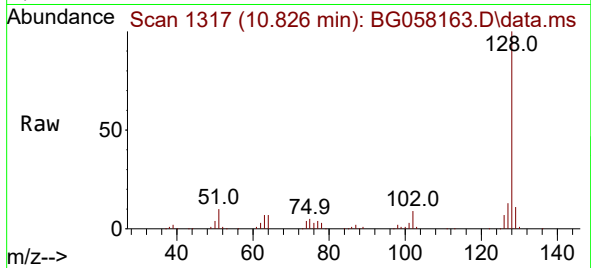




#30
Naphthalene
Concen: 14.349 ng/ul
RT: 10.826 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG058163.D
Acq: 11 Jul 2023 17:40

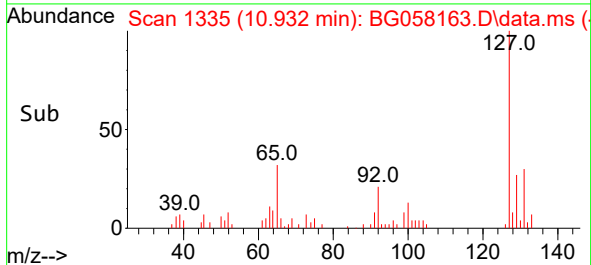
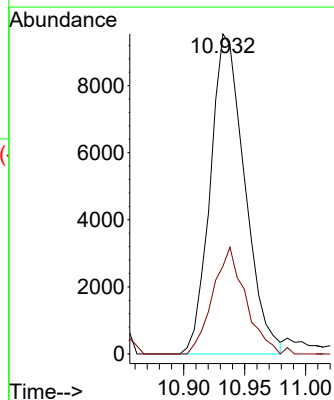
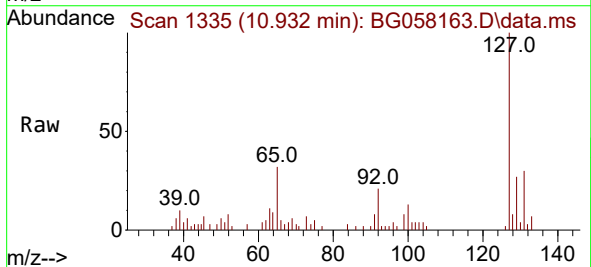
Instrument :
BNA_G
ClientSampleId :

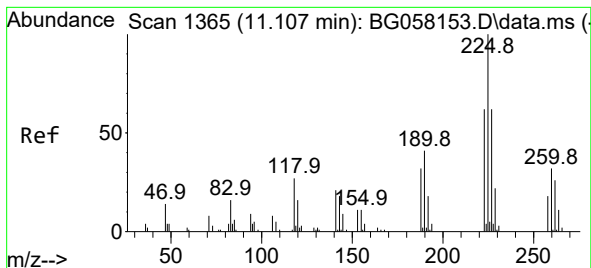
Tgt Ion:128 Resp: 153373
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 13.0 10.2 15.2



#32
4-Chloroaniline
Concen: 3.868 ng/ul
RT: 10.932 min Scan# 1335
Delta R.T. -0.005 min
Lab File: BG058163.D
Acq: 11 Jul 2023 17:40

Tgt Ion:127 Resp: 18741
Ion Ratio Lower Upper
127 100
129 27.4 26.0 39.0





#33

Hexachlorobutadiene

Concen: 14.143 ng/ul

RT: 11.108 min Scan# 11

Delta R.T. 0.001 min

Lab File: BG058163.D

Acq: 11 Jul 2023 17:40

Instrument :

BNA_G

ClientSampleId :

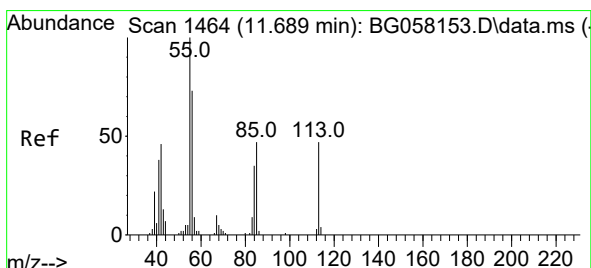
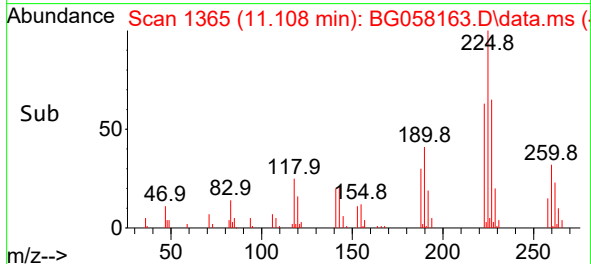
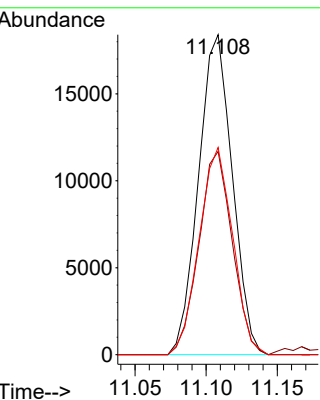
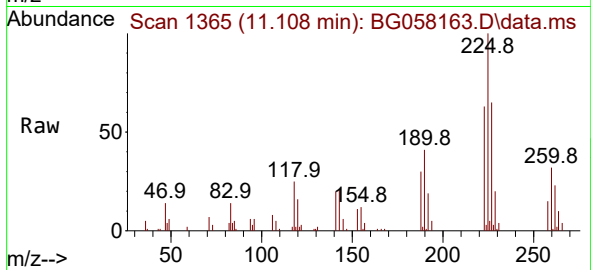
Tgt Ion:225 Resp: 30426

Ion Ratio Lower Upper

225 100

223 63.5 53.2 79.8

227 64.7 51.4 77.2



#34

Caprolactam

Concen: 12.625 ng/ul

RT: 11.678 min Scan# 1462

Delta R.T. -0.005 min

Lab File: BG058163.D

Acq: 11 Jul 2023 17:40

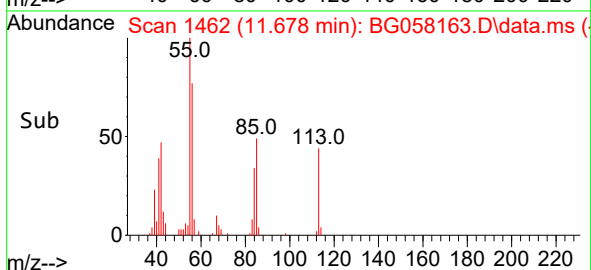
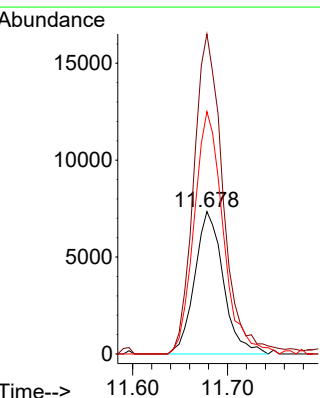
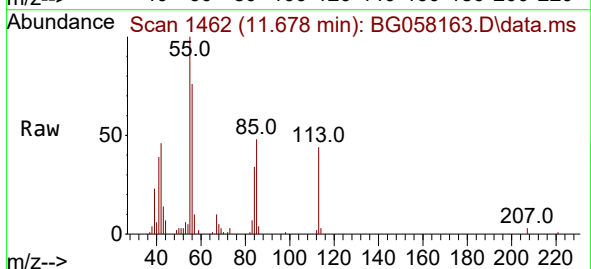
Tgt Ion:113 Resp: 15424

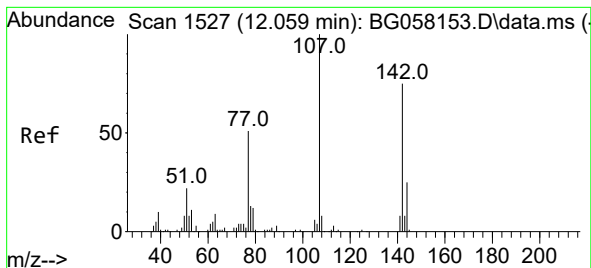
Ion Ratio Lower Upper

113 100

55 224.8 183.4 275.2

56 170.3 123.0 184.6

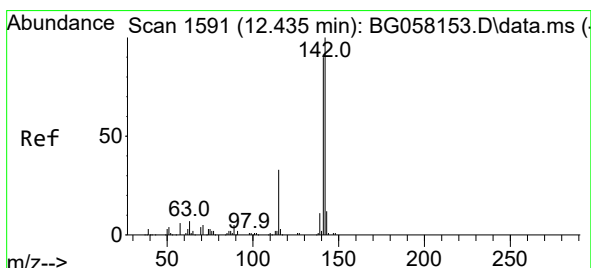
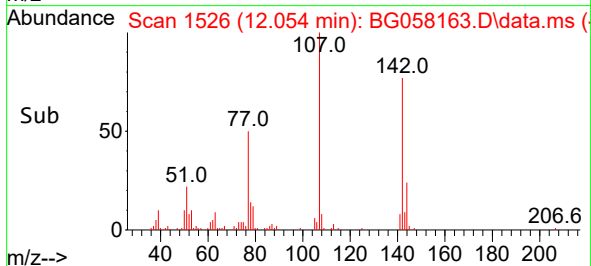
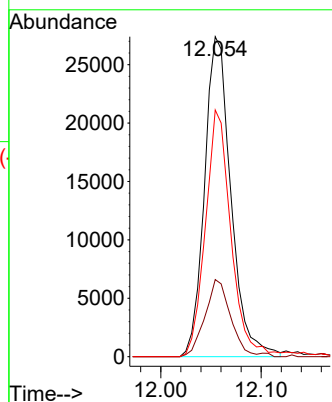
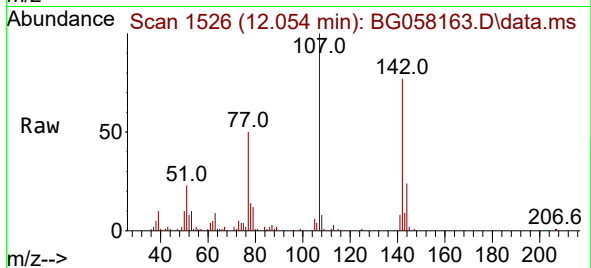




#35
 4-Chloro-3-methylphenol
 Concen: 13.424 ng/ul
 RT: 12.054 min Scan# 1526
 Delta R.T. 0.001 min
 Lab File: BG058163.D
 Acq: 11 Jul 2023 17:40

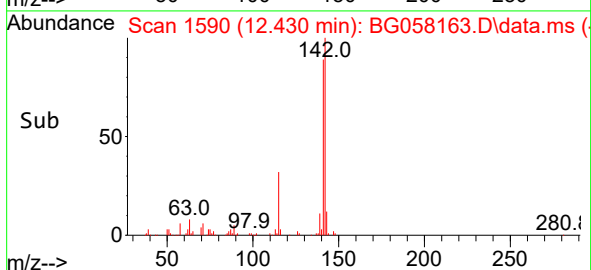
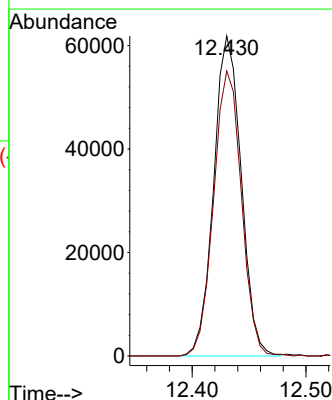
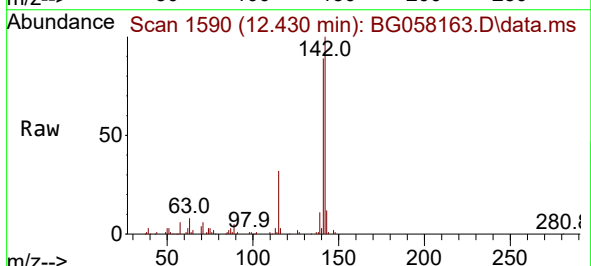
Instrument :
 BNA_G
 ClientSampleId :

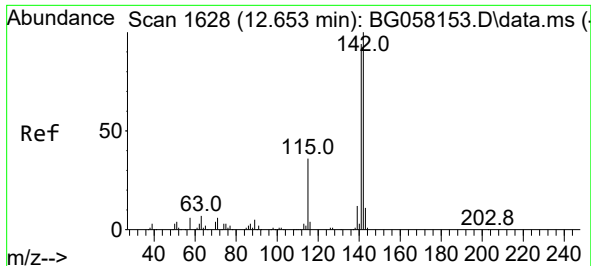
Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.1	19.0	28.4
142	77.1	58.4	87.6



#36
 2-Methylnaphthalene
 Concen: 14.420 ng/ul
 RT: 12.430 min Scan# 1590
 Delta R.T. 0.001 min
 Lab File: BG058163.D
 Acq: 11 Jul 2023 17:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.1	69.4	104.2





#37

1-Methylnaphthalene

Concen: 14.491 ng/ul

RT: 12.648 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG058163.D

Acq: 11 Jul 2023 17:40

Instrument :

BNA_G

ClientSampleId :

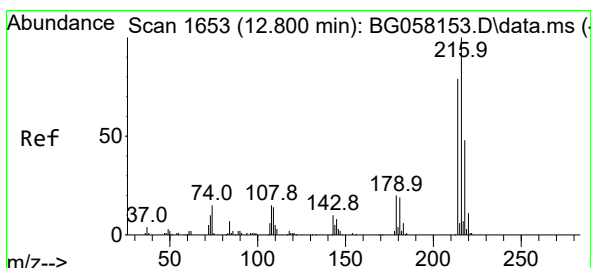
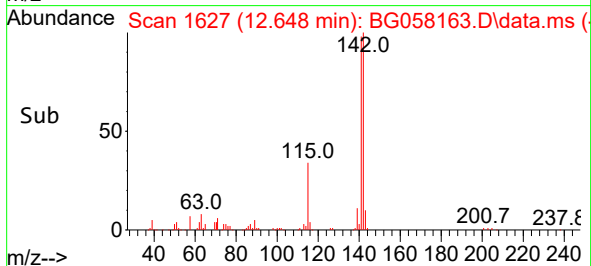
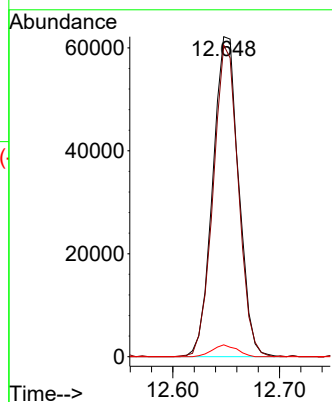
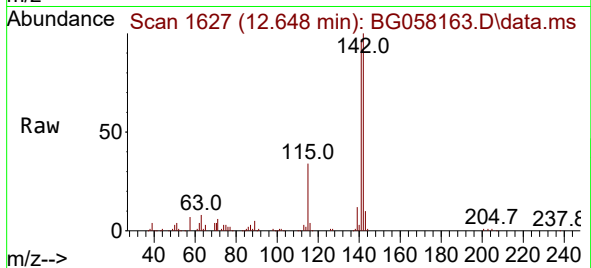
Tgt Ion:142 Resp: 104700

Ion Ratio Lower Upper

142 100

141 97.4 73.8 110.8

116 3.7 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 14.482 ng/ul

RT: 12.795 min Scan# 1652

Delta R.T. -0.005 min

Lab File: BG058163.D

Acq: 11 Jul 2023 17:40

Tgt Ion:216 Resp: 59635

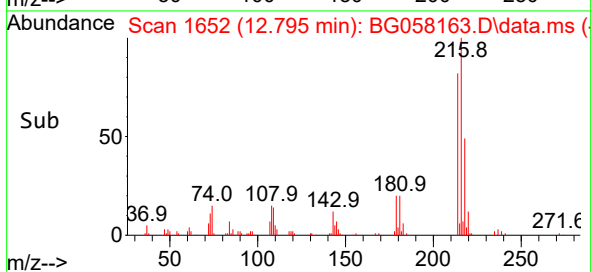
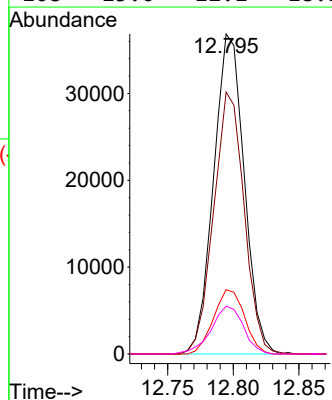
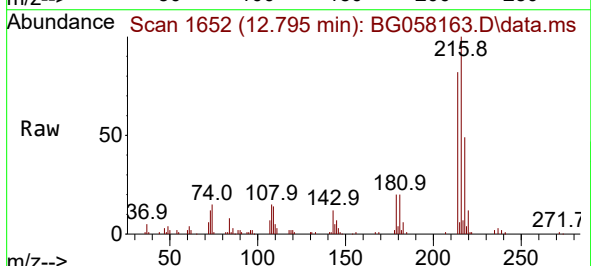
Ion Ratio Lower Upper

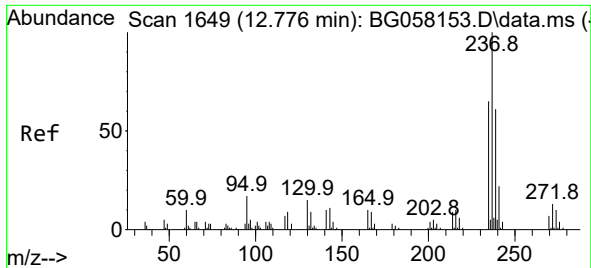
216 100

214 81.8 64.1 96.1

179 20.1 16.0 24.0

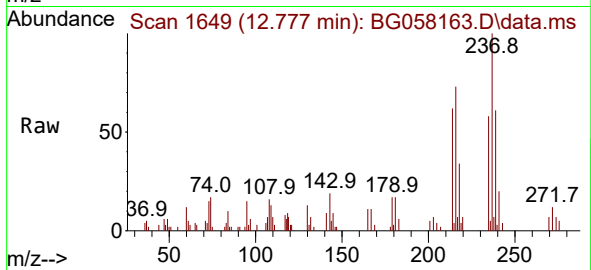
108 15.0 12.1 18.1



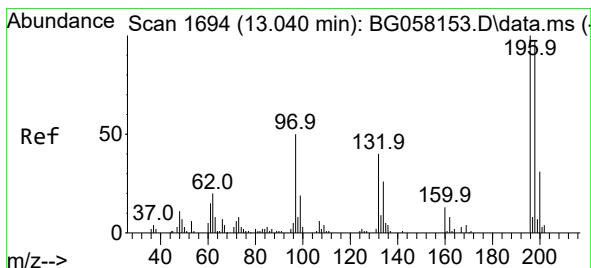
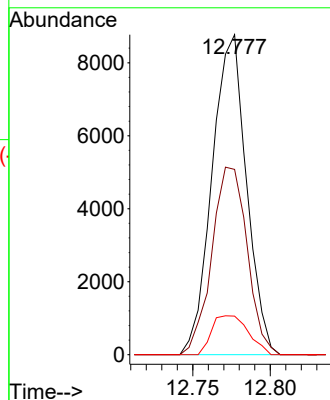
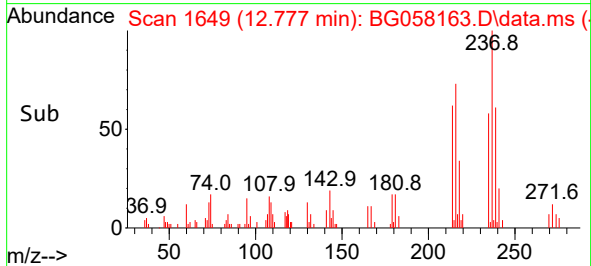


#40
Hexachlorocyclopentadiene
Concen: 5.208 ng/ul
RT: 12.777 min Scan# 1649
Delta R.T. 0.001 min
Lab File: BG058163.D
Acq: 11 Jul 2023 17:40

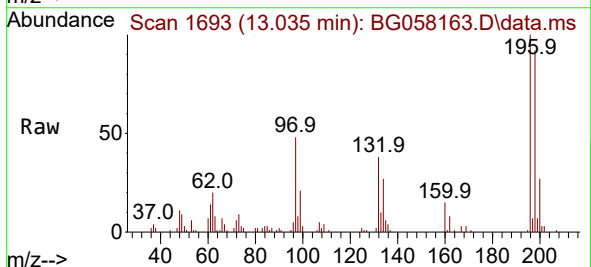
Instrument :
BNA_G
ClientSampleId :



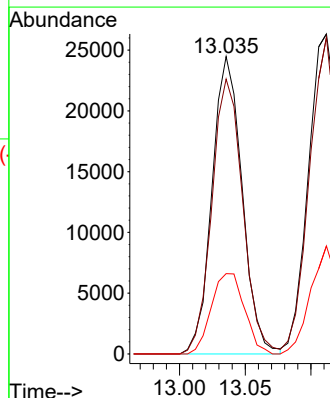
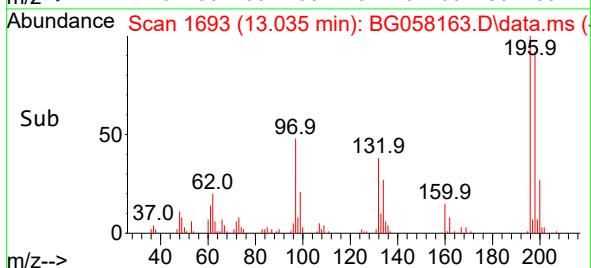
Tgt Ion:237 Resp: 13509
Ion Ratio Lower Upper
237 100
235 57.9 49.2 73.8
272 12.0 10.4 15.6

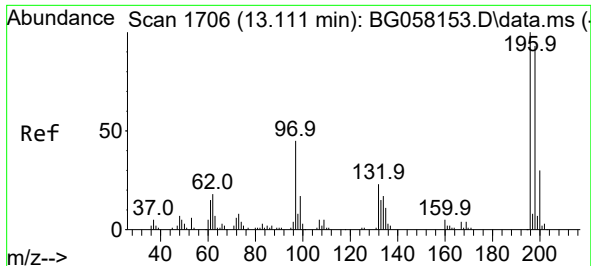


#41
2,4,6-Trichlorophenol
Concen: 13.979 ng/ul
RT: 13.035 min Scan# 1693
Delta R.T. 0.001 min
Lab File: BG058163.D
Acq: 11 Jul 2023 17:40



Tgt Ion:196 Resp: 39014
Ion Ratio Lower Upper
196 100
198 92.4 73.5 110.3
200 27.0 24.8 37.2

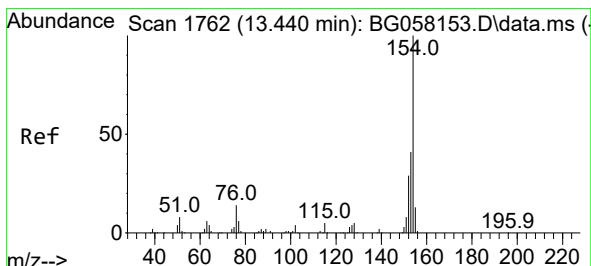
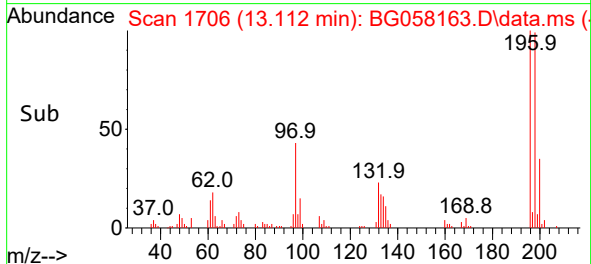
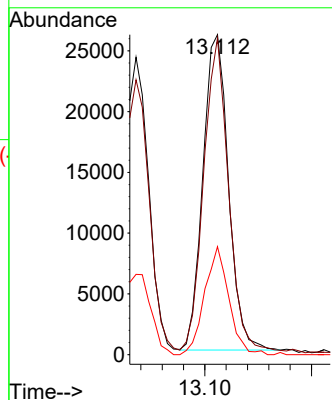
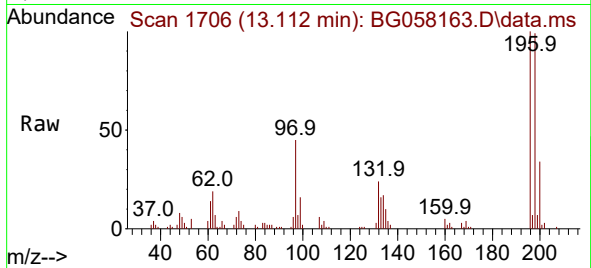




#42
2,4,5-Trichlorophenol
Concen: 14.347 ng/ul
RT: 13.112 min Scan# 1706
Delta R.T. 0.001 min
Lab File: BG058163.D
Acq: 11 Jul 2023 17:40

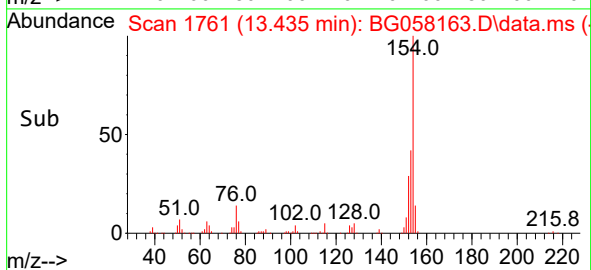
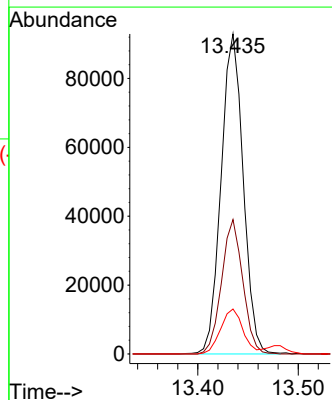
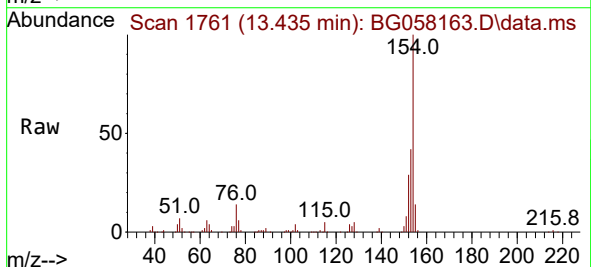
Instrument :
BNA_G
ClientSampleId :

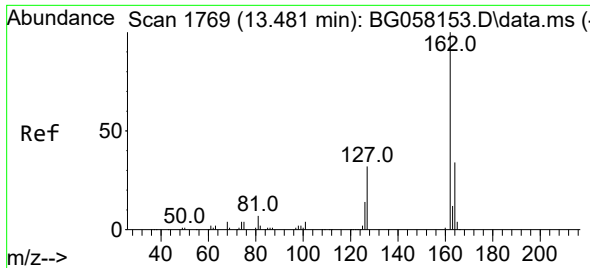
Tgt Ion:196 Resp: 43303
Ion Ratio Lower Upper
196 100
198 98.9 77.2 115.8
200 33.7 23.8 35.6



#43
1,1'-Biphenyl
Concen: 14.600 ng/ul
RT: 13.435 min Scan# 1761
Delta R.T. 0.001 min
Lab File: BG058163.D
Acq: 11 Jul 2023 17:40

Tgt Ion:154 Resp: 142165
Ion Ratio Lower Upper
154 100
153 42.0 32.6 49.0
76 14.1 11.6 17.4

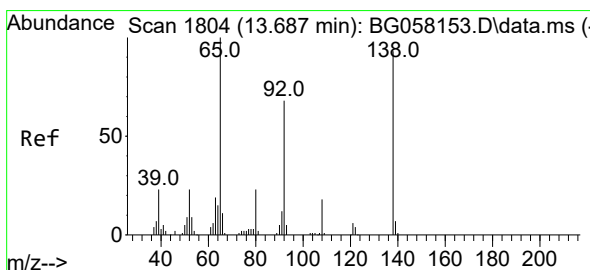
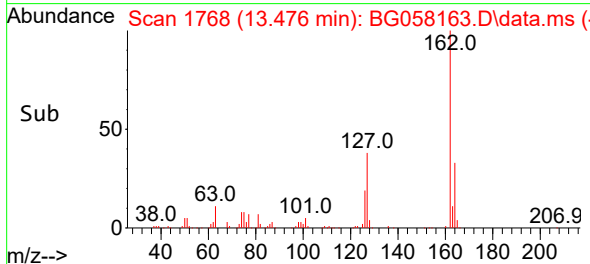
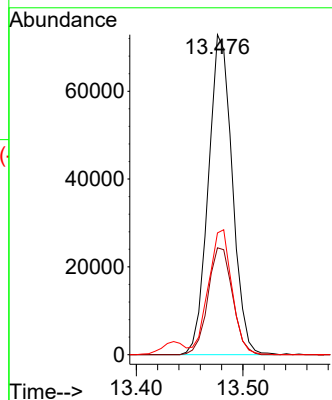
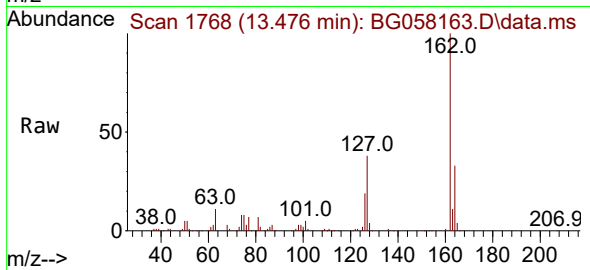




#44
2-Chloronaphthalene
Concen: 14.560 ng/ul
RT: 13.476 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG058163.D
Acq: 11 Jul 2023 17:40

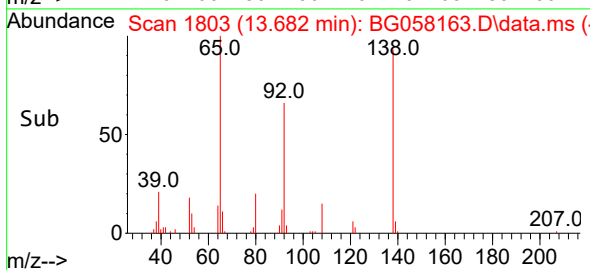
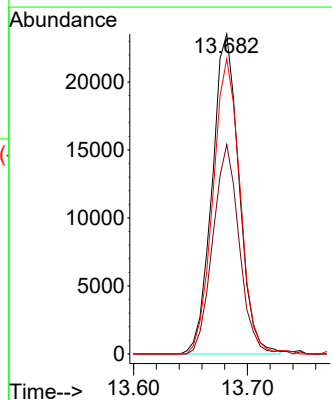
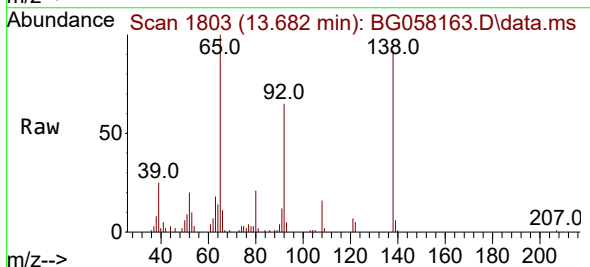
Instrument :
BNA_G
ClientSampleId :

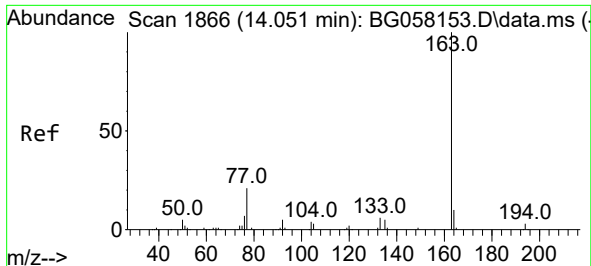
Tgt Ion:162 Resp: 113784
Ion Ratio Lower Upper
162 100
164 33.4 27.7 41.5
127 38.0 30.9 46.3



#45
2-Nitroaniline
Concen: 14.222 ng/ul
RT: 13.682 min Scan# 1803
Delta R.T. 0.001 min
Lab File: BG058163.D
Acq: 11 Jul 2023 17:40

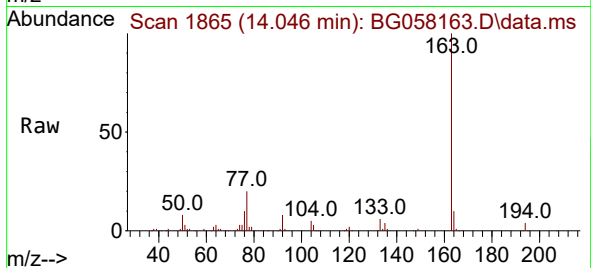
Tgt Ion: 65 Resp: 38642
Ion Ratio Lower Upper
65 100
92 65.4 53.2 79.8
138 92.3 71.1 106.7



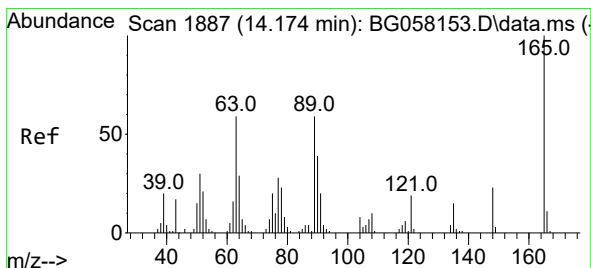
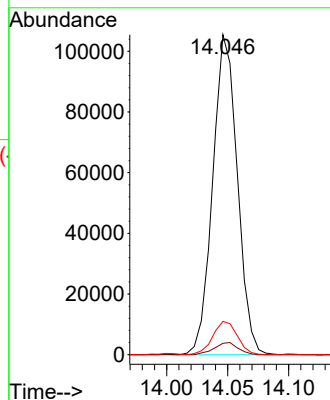
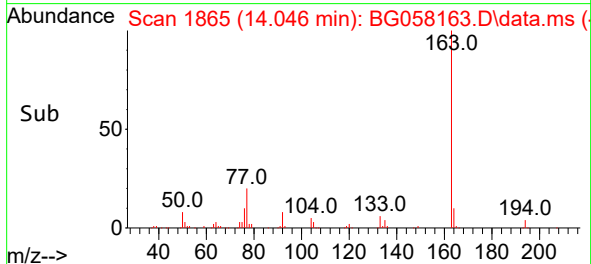


#47
Dimethylphthalate
Concen: 13.844 ng/ul
RT: 14.046 min Scan# 1865
Delta R.T. -0.005 min
Lab File: BG058163.D
Acq: 11 Jul 2023 17:40

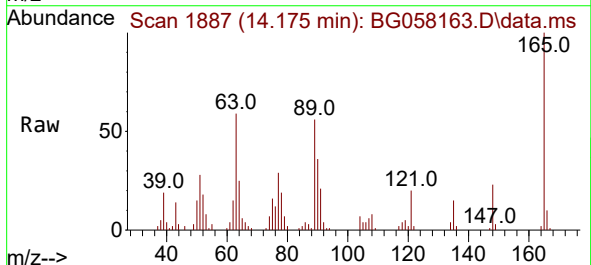
Instrument :
BNA_G
ClientSampleId :



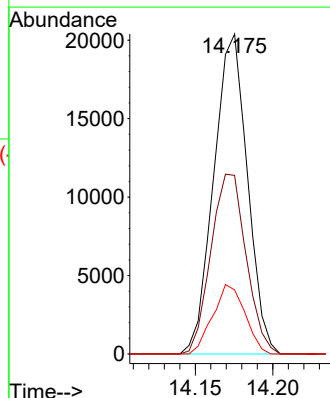
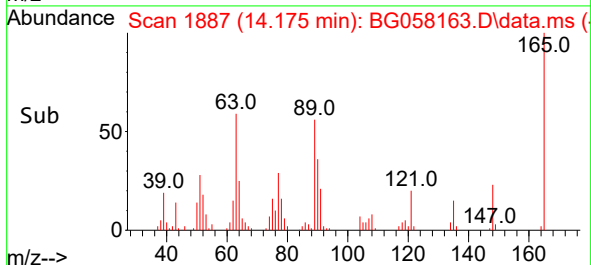
Tgt Ion:163 Resp: 148281
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.4 8.6 12.8

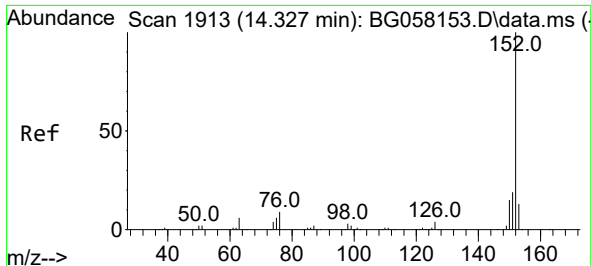


#48
2,6-Dinitrotoluene
Concen: 13.975 ng/ul
RT: 14.175 min Scan# 1887
Delta R.T. 0.001 min
Lab File: BG058163.D
Acq: 11 Jul 2023 17:40



Tgt Ion:165 Resp: 30726
Ion Ratio Lower Upper
165 100
89 55.8 42.7 64.1
121 20.0 14.8 22.2

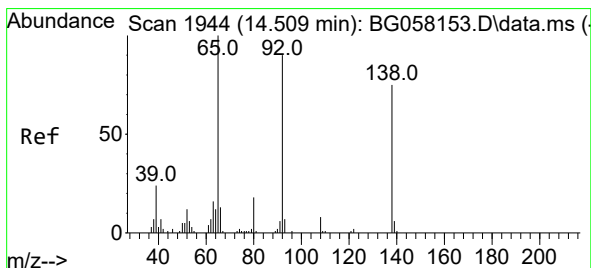
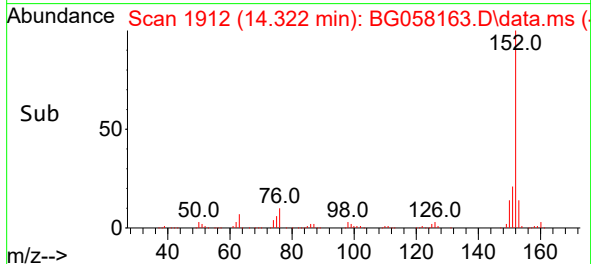
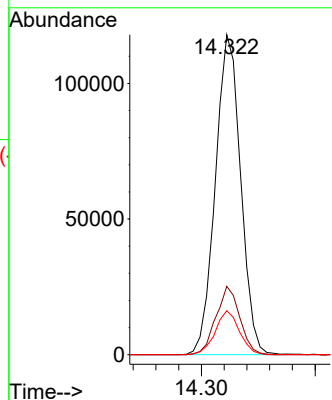
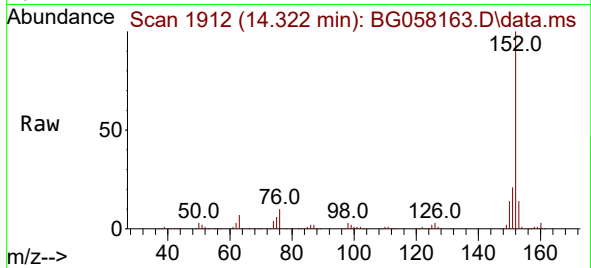




#50
Acenaphthylene
Concen: 14.514 ng/ul
RT: 14.322 min Scan# 1913
Delta R.T. -0.005 min
Lab File: BG058163.D
Acq: 11 Jul 2023 17:40

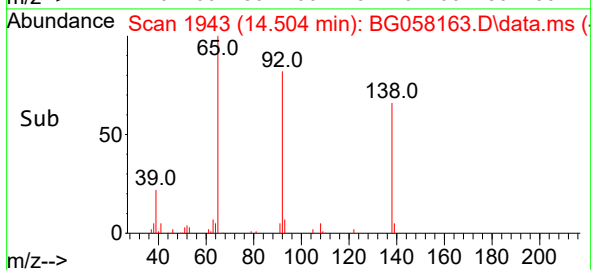
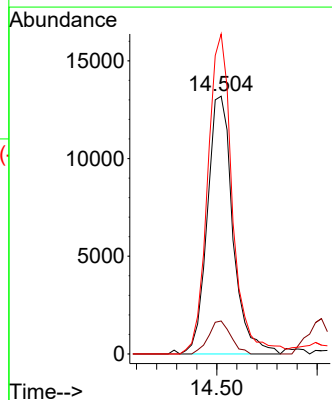
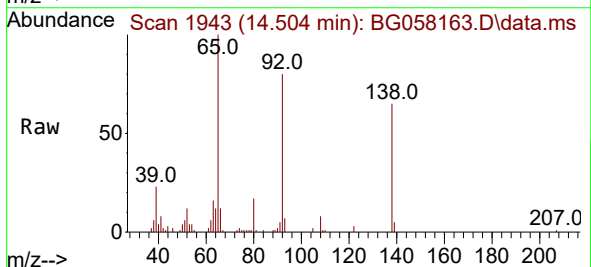
Instrument :
BNA_G
ClientSampleId :

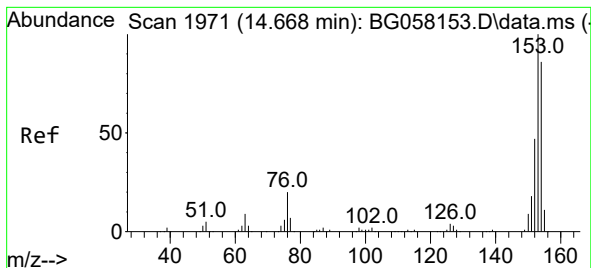
Tgt Ion:152 Resp: 182345
Ion Ratio Lower Upper
152 100
151 21.3 15.6 23.4
153 13.8 10.5 15.7



#51
3-Nitroaniline
Concen: 12.561 ng/ul
RT: 14.504 min Scan# 1943
Delta R.T. 0.001 min
Lab File: BG058163.D
Acq: 11 Jul 2023 17:40

Tgt Ion:138 Resp: 23339
Ion Ratio Lower Upper
138 100
108 12.8 8.2 12.2#
92 124.1 100.2 150.4

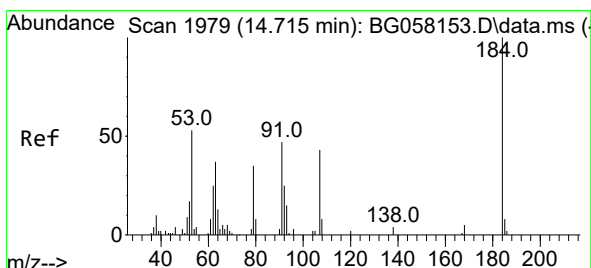
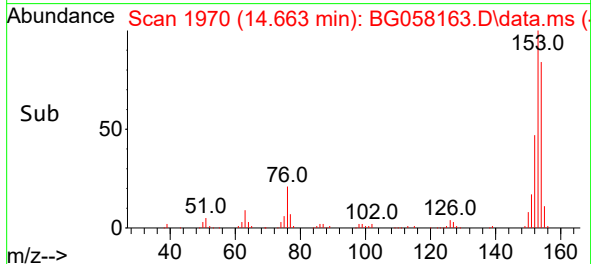
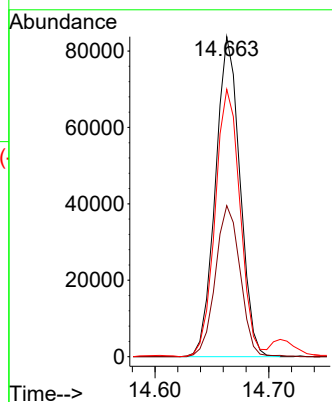
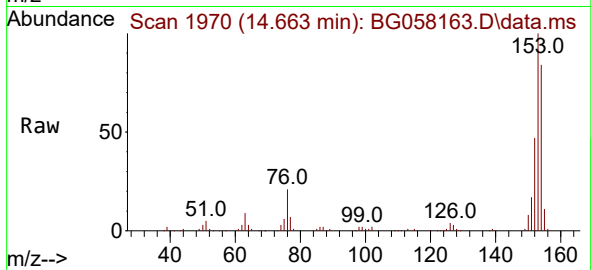




#52
Acenaphthene
Concen: 14.558 ng/ul
RT: 14.663 min Scan# 1970
Delta R.T. 0.001 min
Lab File: BG058163.D
Acq: 11 Jul 2023 17:40

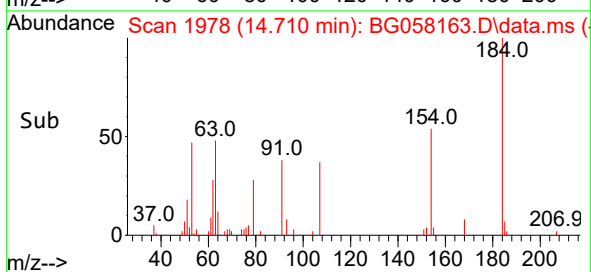
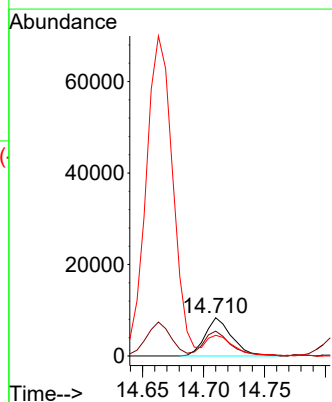
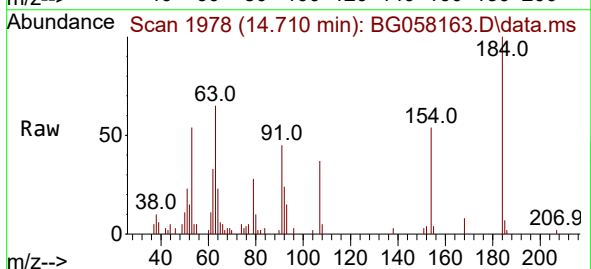
Instrument :
BNA_G
ClientSampleId :

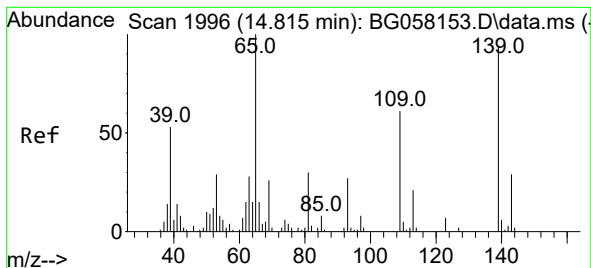
Tgt Ion:153 Resp: 125503
Ion Ratio Lower Upper
153 100
152 47.2 36.5 54.7
154 83.5 70.5 105.7



#53
2,4-Dinitrophenol
Concen: 11.078 ng/ul
RT: 14.710 min Scan# 1978
Delta R.T. -0.005 min
Lab File: BG058163.D
Acq: 11 Jul 2023 17:40

Tgt Ion:184 Resp: 12698
Ion Ratio Lower Upper
184 100
63 65.0 51.1 76.7
154 54.2 43.3 64.9

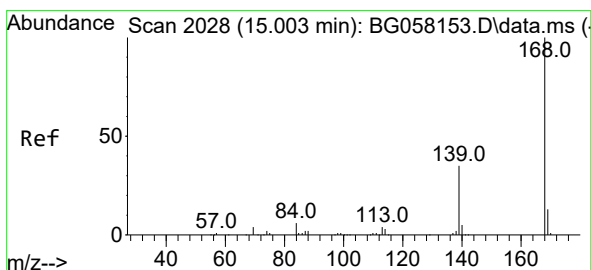
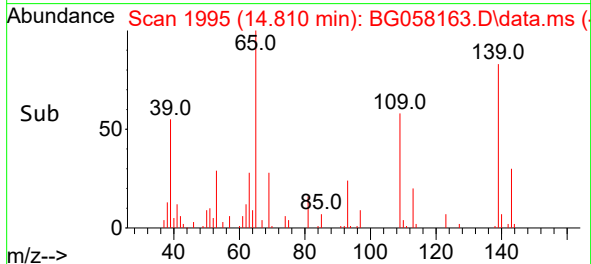
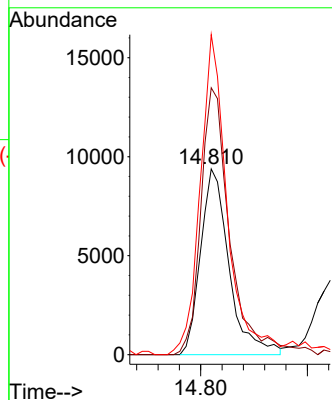
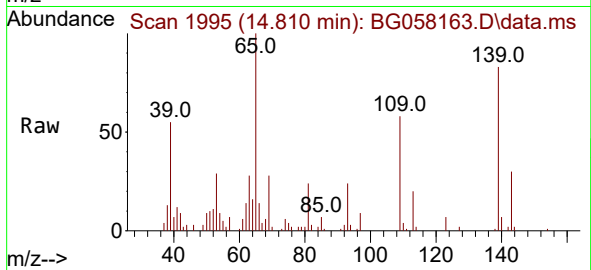




#55
4-Nitrophenol
Concen: 12.486 ng/ul
RT: 14.810 min Scan# 1995
Delta R.T. -0.005 min
Lab File: BG058163.D
Acq: 11 Jul 2023 17:40

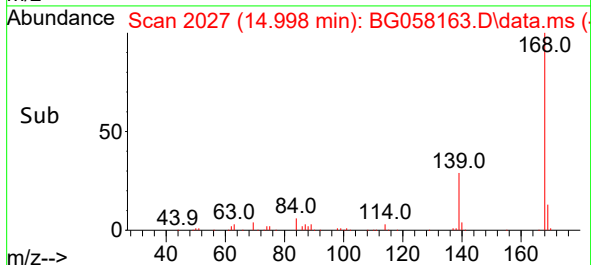
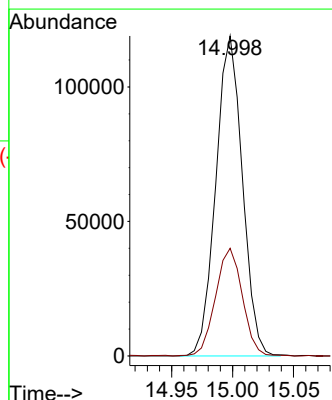
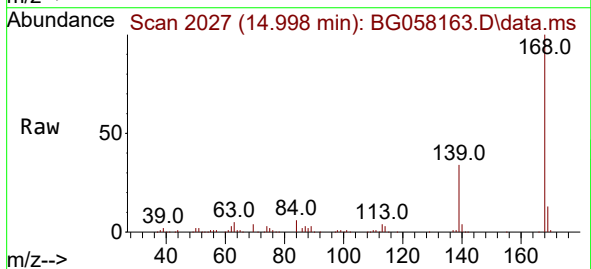
Instrument :
BNA_G
ClientSampleId :

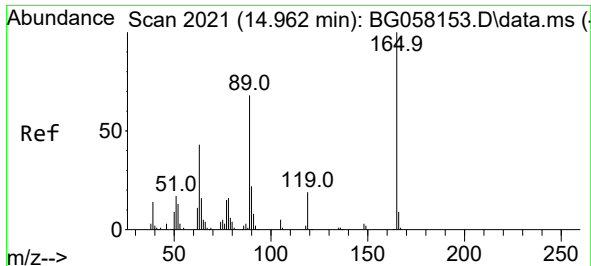
Tgt Ion:109 Resp: 17422
Ion Ratio Lower Upper
109 100
139 143.6 119.0 178.4
65 172.2 135.5 203.3



#56
Dibenzofuran
Concen: 14.719 ng/ul
RT: 14.998 min Scan# 2027
Delta R.T. 0.001 min
Lab File: BG058163.D
Acq: 11 Jul 2023 17:40

Tgt Ion:168 Resp: 180383
Ion Ratio Lower Upper
168 100
139 33.6 27.6 41.4





#57

2,4-Dinitrotoluene

Concen: 14.370 ng/ul

RT: 14.957 min Scan# 20

Delta R.T. -0.005 min

Lab File: BG058163.D

Acq: 11 Jul 2023 17:40

Instrument :

BNA_G

ClientSampleId :

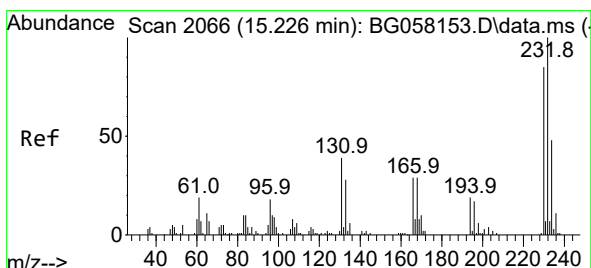
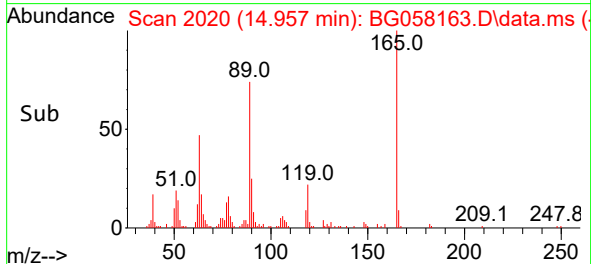
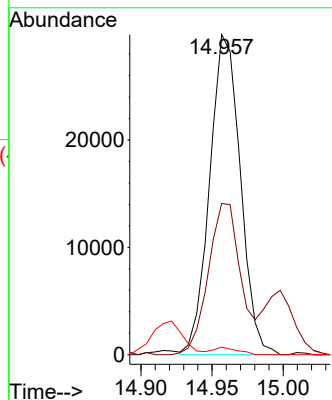
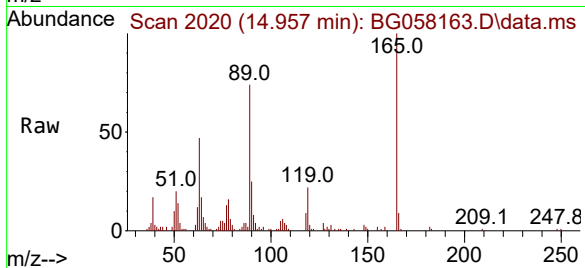
Tgt Ion:165 Resp: 44763

Ion Ratio Lower Upper

165 100

63 47.2 35.8 53.8

182 2.4 1.6 2.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 13.814 ng/ul

RT: 15.221 min Scan# 2065

Delta R.T. -0.005 min

Lab File: BG058163.D

Acq: 11 Jul 2023 17:40

Tgt Ion:232 Resp: 37956

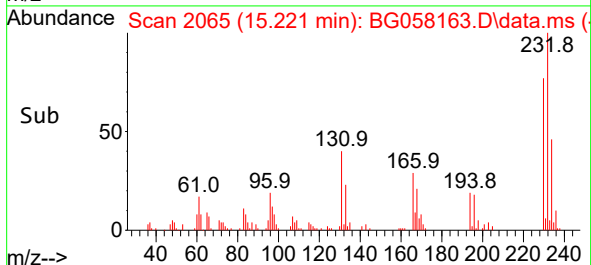
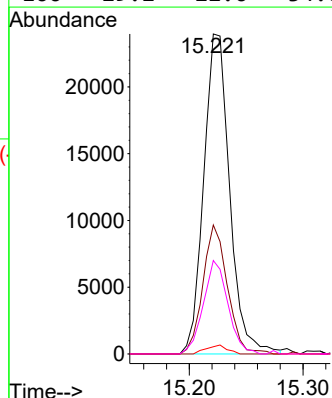
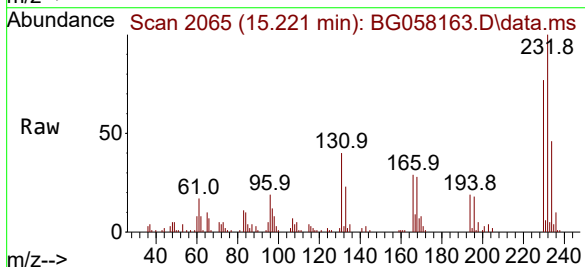
Ion Ratio Lower Upper

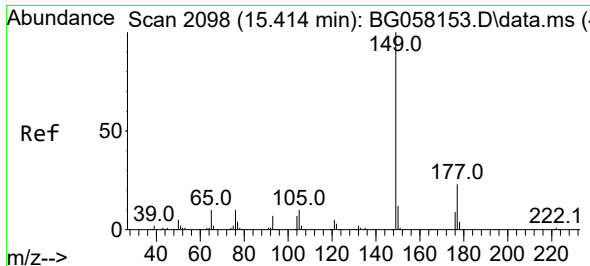
232 100

131 40.3 30.5 45.7

130 2.3 1.4 2.0#

166 29.2 22.6 34.0

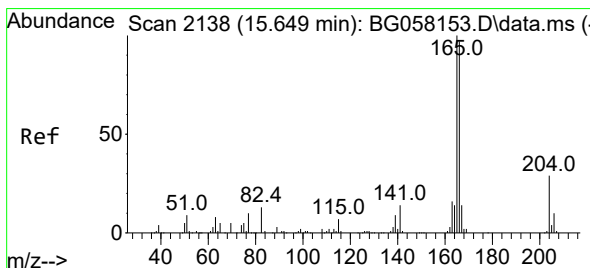
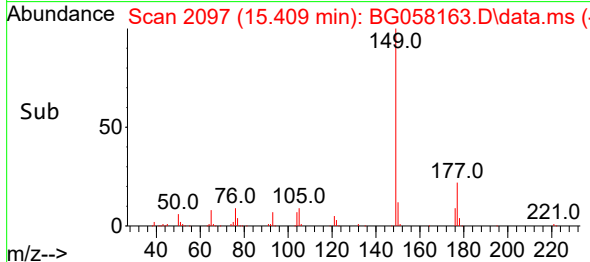
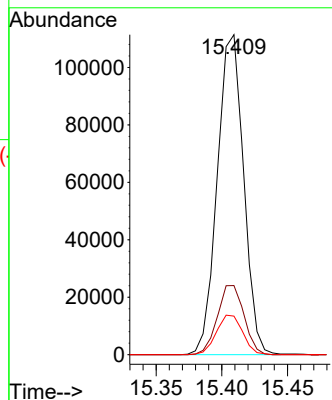
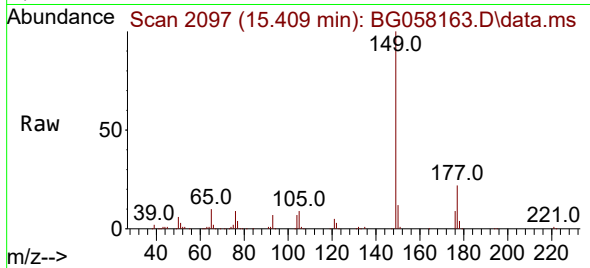




#59
Diethylphthalate
Concen: 13.906 ng/ul
RT: 15.409 min Scan# 2098
Delta R.T. 0.001 min
Lab File: BG058163.D
Acq: 11 Jul 2023 17:40

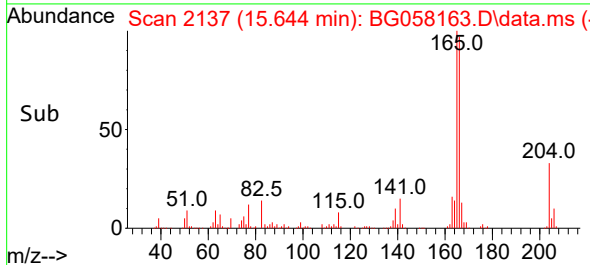
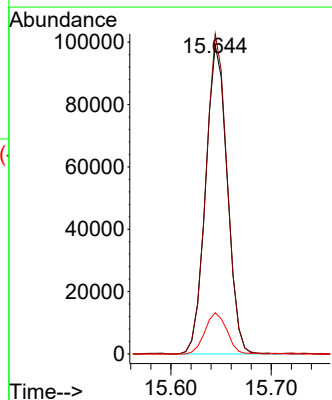
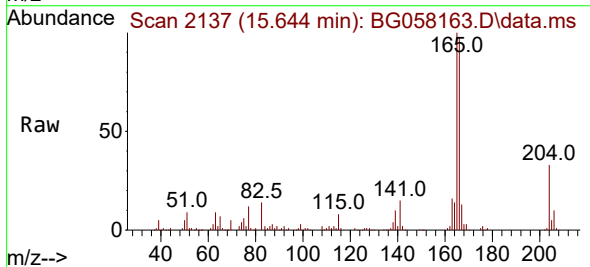
Instrument :
BNA_G
ClientSampleId :

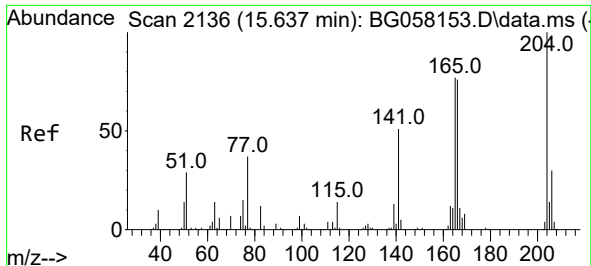
Tgt Ion:149 Resp: 155456
Ion Ratio Lower Upper
149 100
177 21.6 17.8 26.8
150 12.1 10.1 15.1



#61
Fluorene
Concen: 14.802 ng/ul
RT: 15.644 min Scan# 2137
Delta R.T. -0.005 min
Lab File: BG058163.D
Acq: 11 Jul 2023 17:40

Tgt Ion:166 Resp: 148834
Ion Ratio Lower Upper
166 100
165 103.6 79.1 118.7
167 13.4 10.7 16.1





#62

4-Chlorophenyl-phenylether

Concen: 14.642 ng/ul

RT: 15.632 min Scan# 2135

Delta R.T. -0.005 min

Lab File: BG058163.D

Acq: 11 Jul 2023 17:40

Instrument :

BNA_G

ClientSampleId :

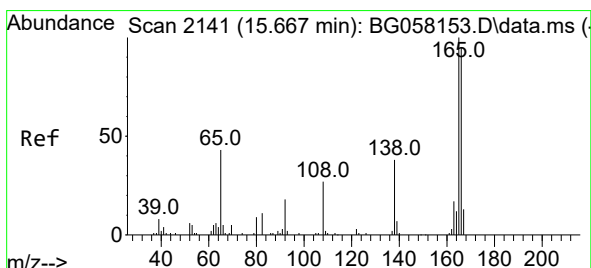
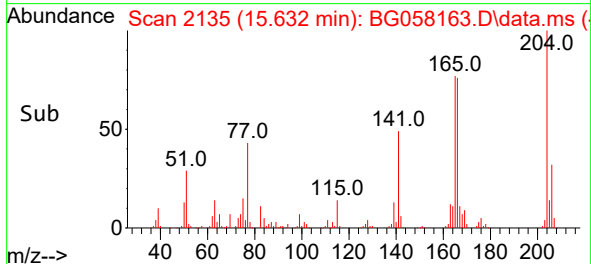
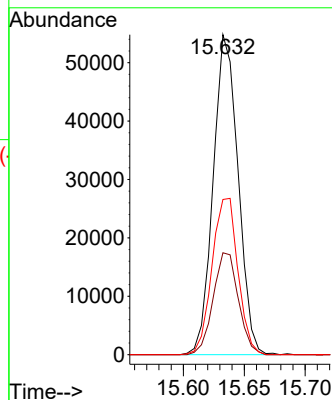
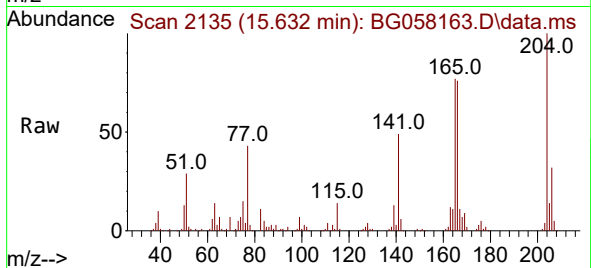
Tgt Ion:204 Resp: 77902

Ion Ratio Lower Upper

204 100

206 31.9 25.8 38.6

141 48.5 41.8 62.6



#63

4-Nitroaniline

Concen: 14.940 ng/ul

RT: 15.662 min Scan# 2140

Delta R.T. 0.001 min

Lab File: BG058163.D

Acq: 11 Jul 2023 17:40

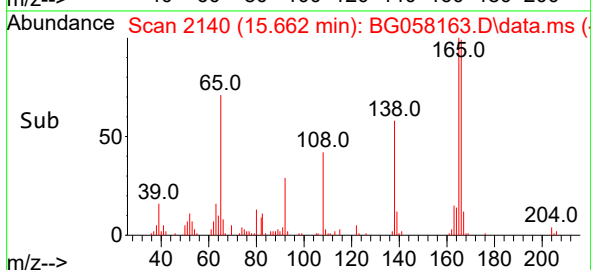
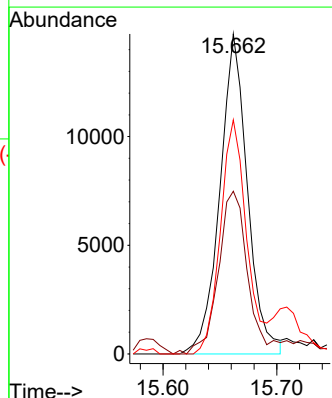
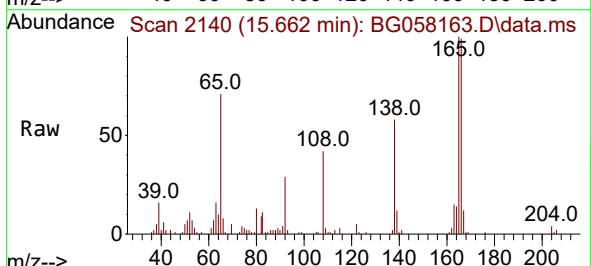
Tgt Ion:138 Resp: 24866

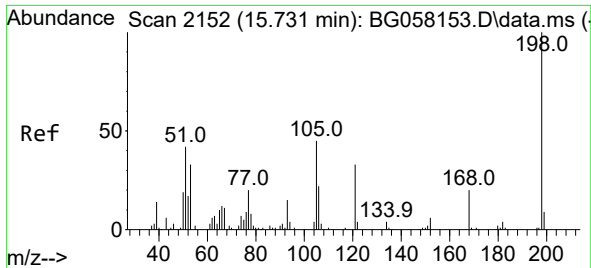
Ion Ratio Lower Upper

138 100

92 50.8 43.8 65.8

108 73.1 58.8 88.2

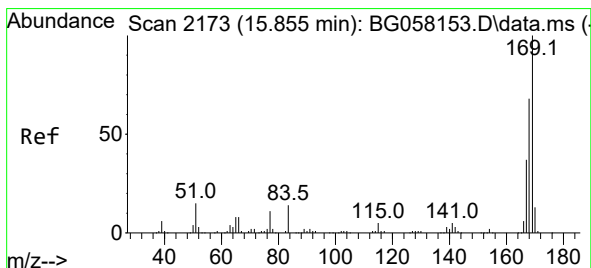
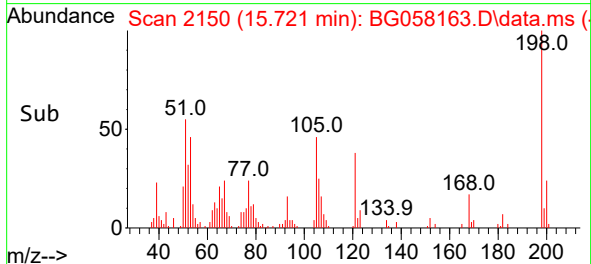
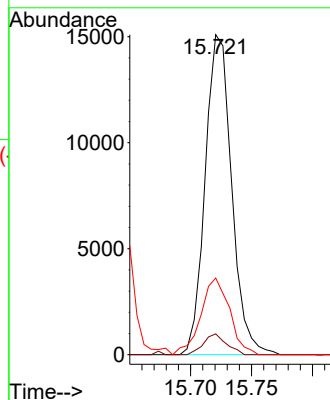
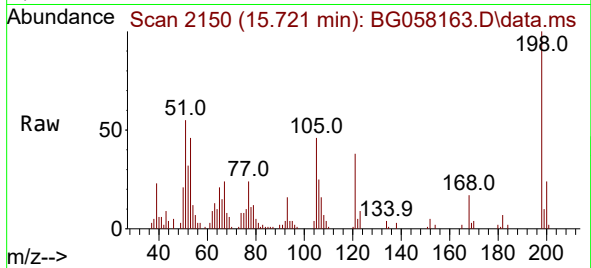




#66
 4,6-Dinitro-2-methylphenol
 Concen: 13.124 ng/ul
 RT: 15.721 min Scan# 2150
 Delta R.T. 0.001 min
 Lab File: BG058163.D
 Acq: 11 Jul 2023 17:40

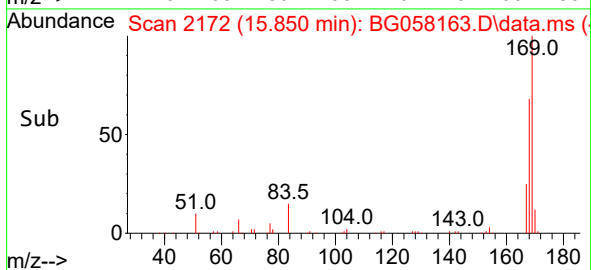
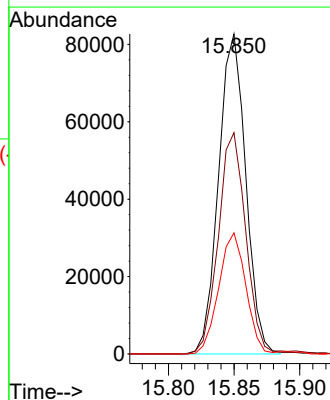
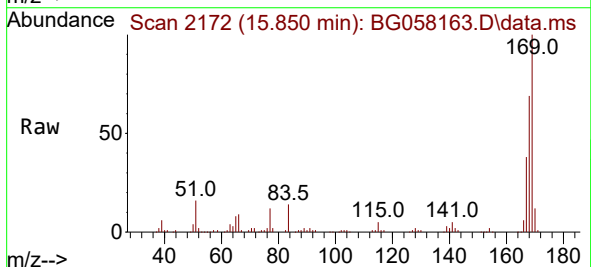
Instrument :
 BNA_G
 ClientSampleId :

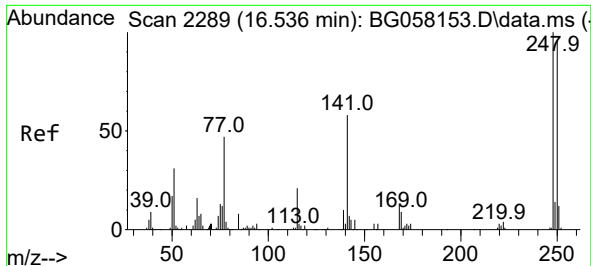
Tgt Ion:198 Resp: 22840
 Ion Ratio Lower Upper
 198 100
 182 6.5 3.1 4.7#
 77 24.0 17.9 26.9



#67
 N-Nitrosodiphenylamine
 Concen: 14.276 ng/ul
 RT: 15.850 min Scan# 2172
 Delta R.T. 0.001 min
 Lab File: BG058163.D
 Acq: 11 Jul 2023 17:40

Tgt Ion:169 Resp: 119076
 Ion Ratio Lower Upper
 169 100
 168 69.2 54.2 81.2
 167 37.9 30.8 46.2

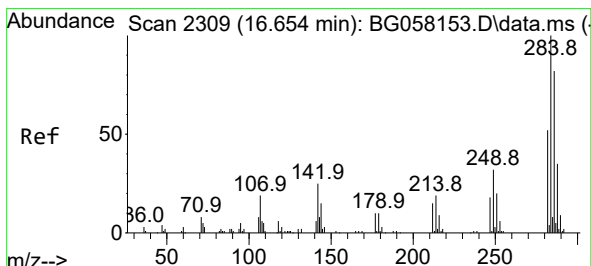
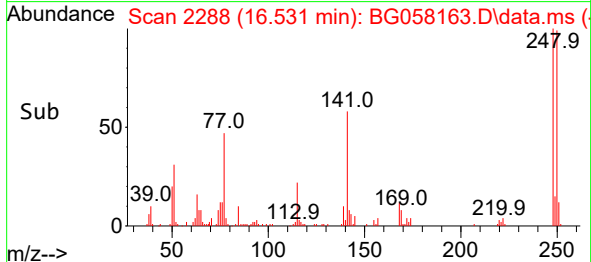
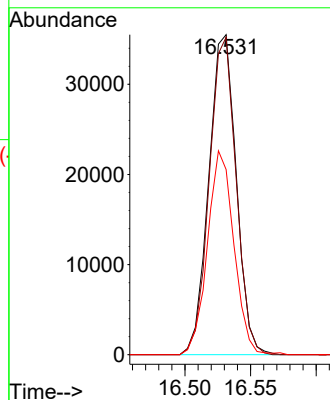
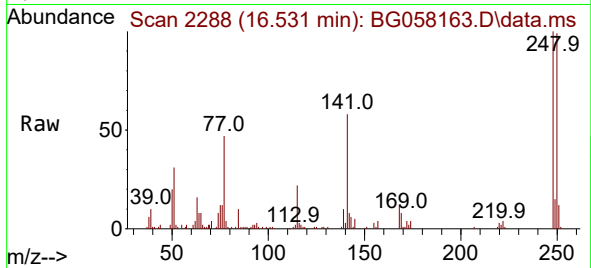




#68
4-Bromophenyl-phenylether
Concen: 15.023 ng/ul
RT: 16.531 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG058163.D
Acq: 11 Jul 2023 17:40

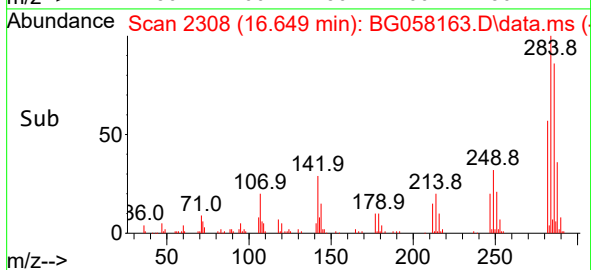
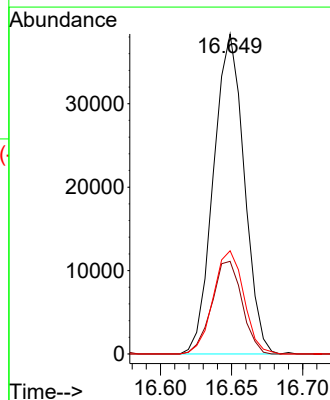
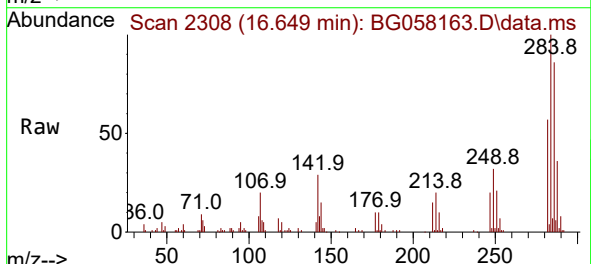
Instrument :
BNA_G
ClientSampleId :

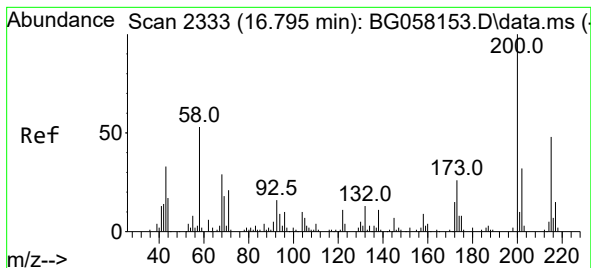
Tgt Ion:248 Resp: 51681
Ion Ratio Lower Upper
248 100
250 99.2 78.3 117.5
141 57.8 49.1 73.7



#69
Hexachlorobenzene
Concen: 14.945 ng/ul
RT: 16.649 min Scan# 2308
Delta R.T. 0.001 min
Lab File: BG058163.D
Acq: 11 Jul 2023 17:40

Tgt Ion:284 Resp: 57562
Ion Ratio Lower Upper
284 100
142 28.9 21.9 32.9
249 32.3 25.0 37.6





#70

Atrazine

Concen: 9.592 ng/ul

RT: 16.790 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG058163.D

Acq: 11 Jul 2023 17:40

Instrument :

BNA_G

ClientSampleId :

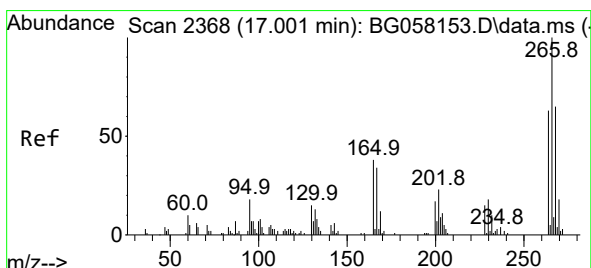
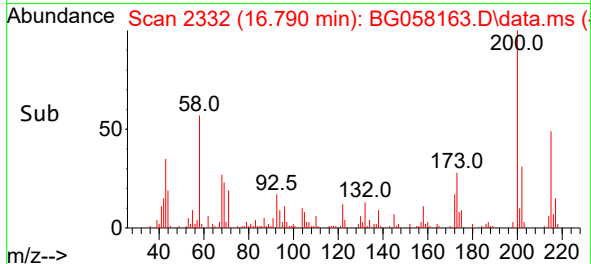
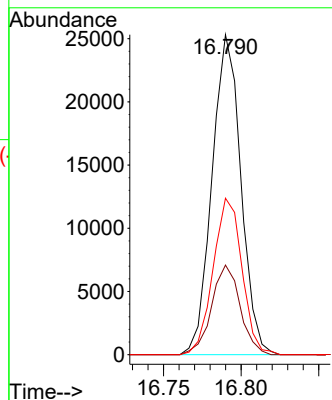
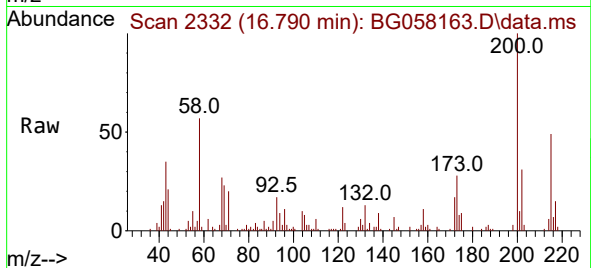
Tgt Ion:200 Resp: 32717

Ion Ratio Lower Upper

200 100

173 28.0 20.0 30.0

215 48.9 35.8 53.8



#71

Pentachlorophenol

Concen: 11.484 ng/ul

RT: 16.996 min Scan# 2367

Delta R.T. 0.001 min

Lab File: BG058163.D

Acq: 11 Jul 2023 17:40

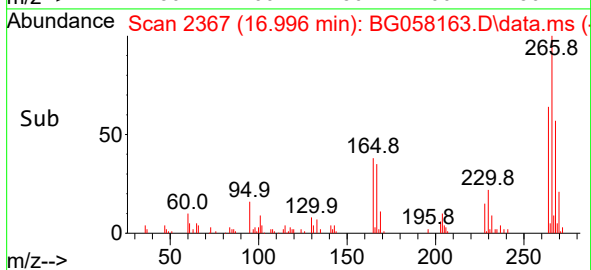
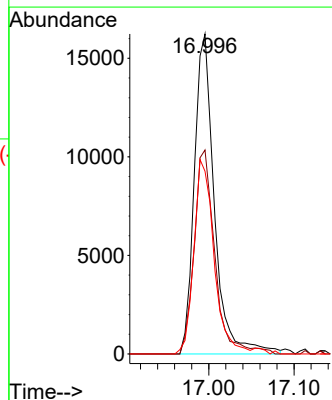
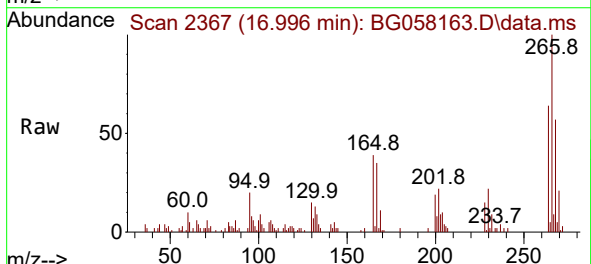
Tgt Ion:266 Resp: 26554

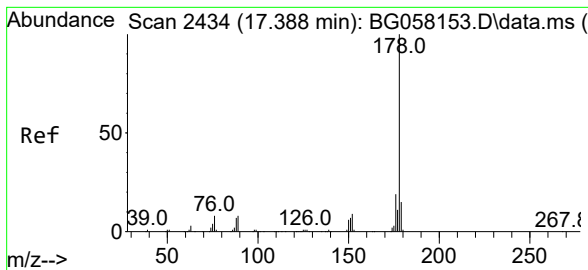
Ion Ratio Lower Upper

266 100

264 63.7 51.5 77.3

268 57.1 49.0 73.4

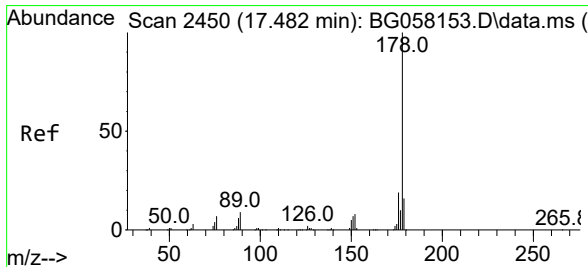
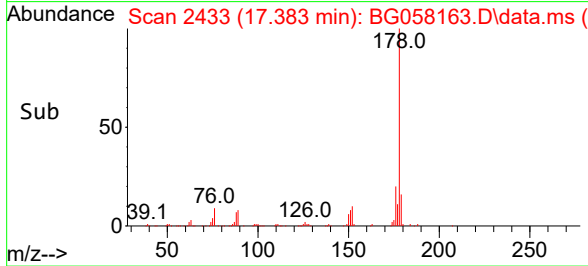
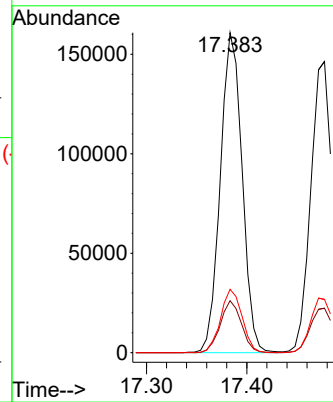
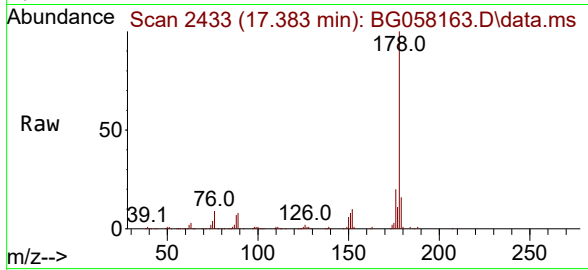




#72
Phenanthrene
Concen: 15.267 ng/ul
RT: 17.383 min Scan# 2433
Delta R.T. 0.001 min
Lab File: BG058163.D
Acq: 11 Jul 2023 17:40

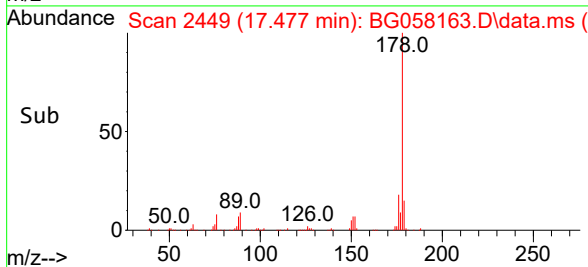
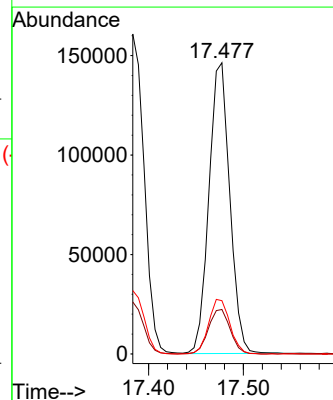
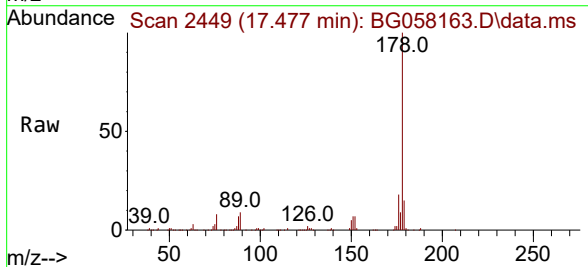
Instrument :
BNA_G
ClientSampleId :

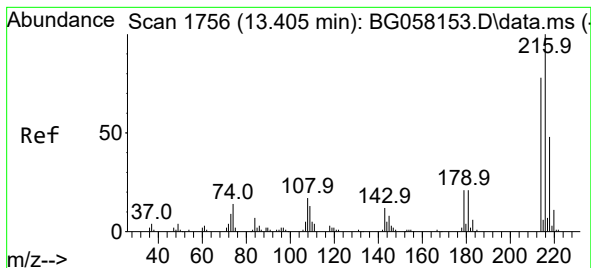
Tgt Ion:178 Resp: 243379
Ion Ratio Lower Upper
178 100
179 16.2 12.8 19.2
176 19.8 15.7 23.5



#74
Anthracene
Concen: 13.858 ng/ul
RT: 17.477 min Scan# 2449
Delta R.T. 0.001 min
Lab File: BG058163.D
Acq: 11 Jul 2023 17:40

Tgt Ion:178 Resp: 223559
Ion Ratio Lower Upper
178 100
179 15.3 12.6 18.8
176 18.3 15.4 23.2

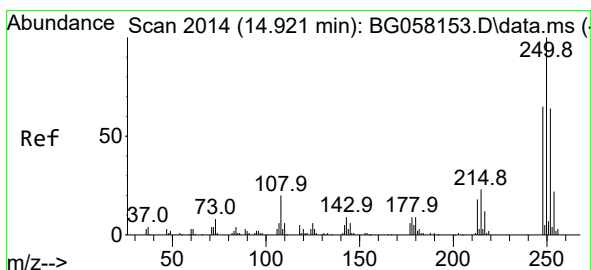
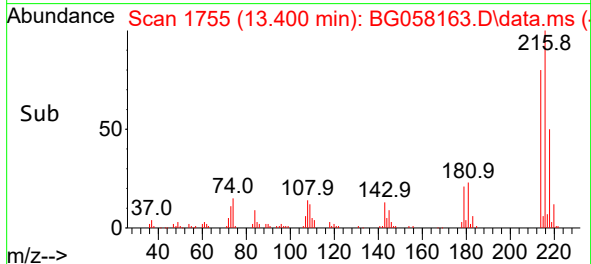
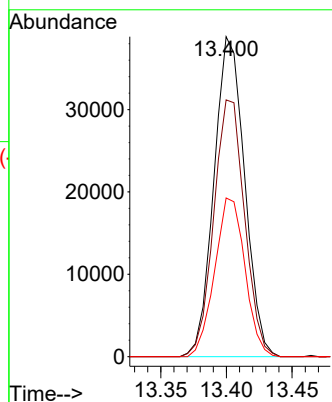
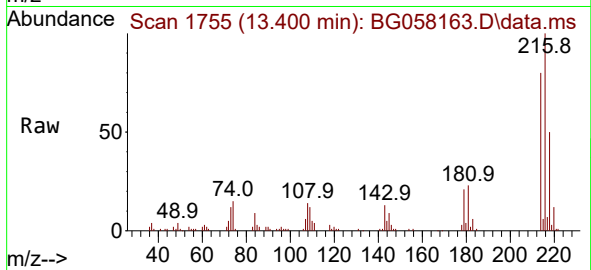




#75
1,2,3,4-Tetrachlorobenzene
Concen: 15.182 ng/uL
RT: 13.400 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG058163.D
Acq: 11 Jul 2023 17:40

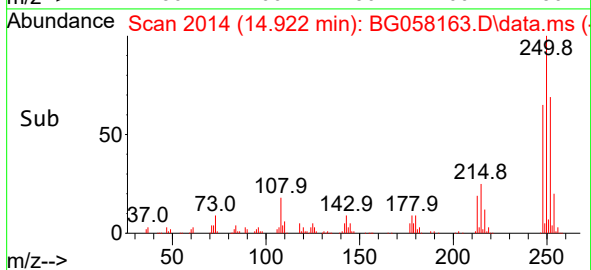
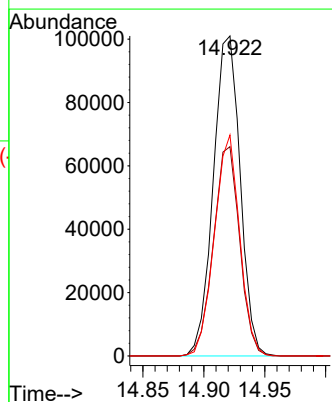
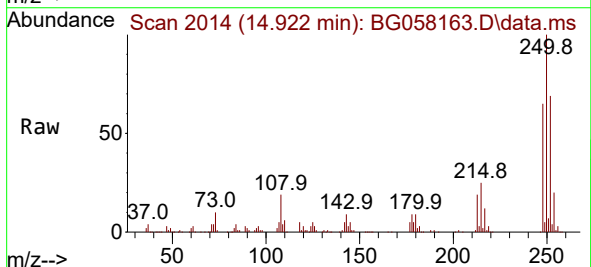
Instrument :
BNA_G
ClientSampleId :

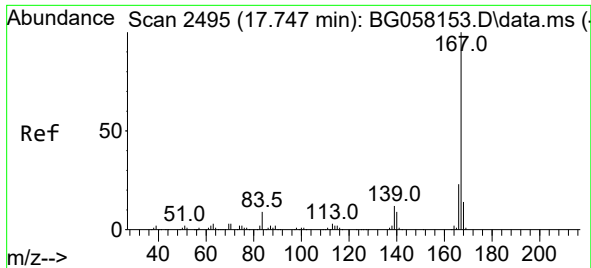
Tgt Ion:216 Resp: 63105
Ion Ratio Lower Upper
216 100
214 80.2 64.8 97.2
218 49.6 39.1 58.7



#76
Pentachlorobenzene
Concen: 34.885 ng/uL
RT: 14.922 min Scan# 2014
Delta R.T. 0.001 min
Lab File: BG058163.D
Acq: 11 Jul 2023 17:40

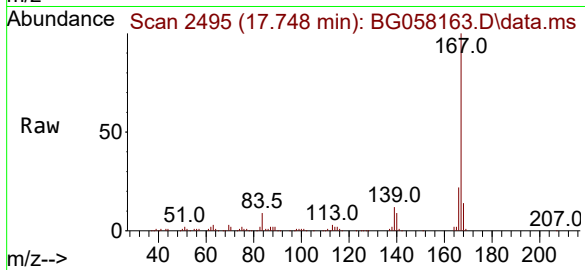
Tgt Ion:250 Resp: 154861
Ion Ratio Lower Upper
250 100
248 65.4 52.8 79.2
252 69.0 52.4 78.6



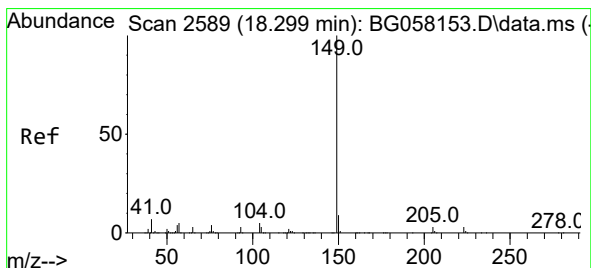
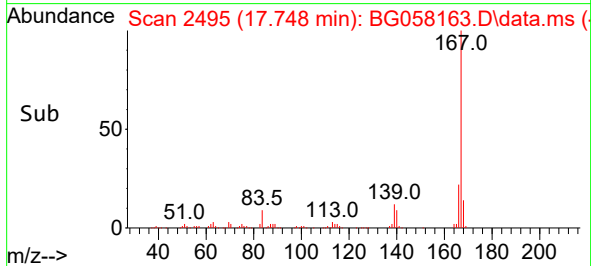
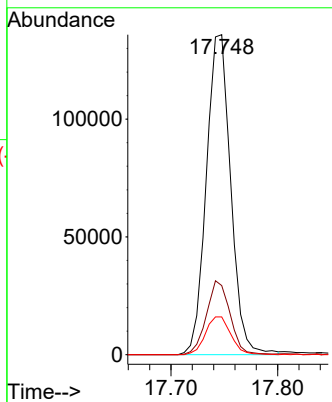


#77
 Carbazole
 Concen: 14.811 ng/ul
 RT: 17.748 min Scan# 2495
 Delta R.T. 0.001 min
 Lab File: BG058163.D
 Acq: 11 Jul 2023 17:40

Instrument :
 BNA_G
 ClientSampleId :

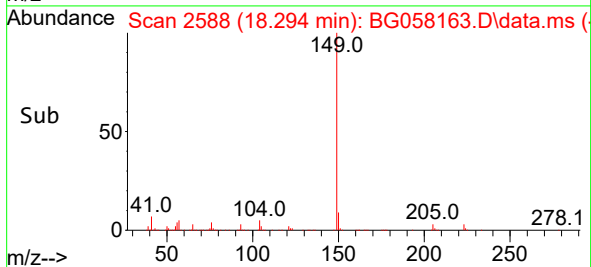
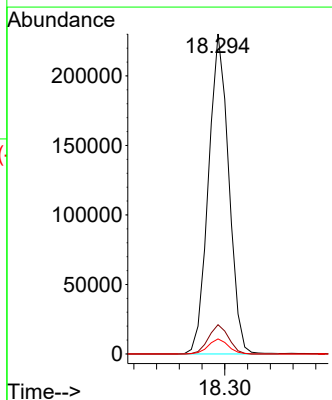
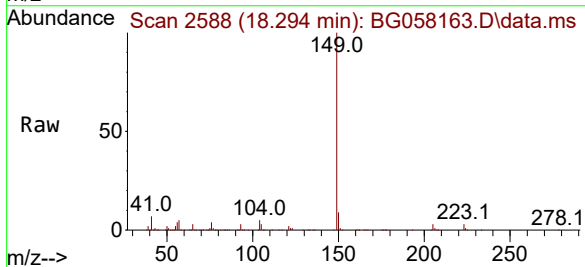


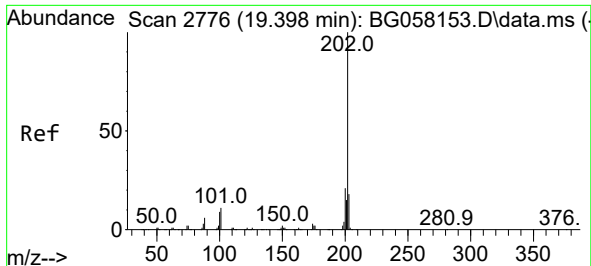
Tgt Ion:167 Resp: 216096
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.5 26.3
 139 11.8 9.5 14.3



#78
 Di-n-butylphthalate
 Concen: 15.349 ng/ul
 RT: 18.294 min Scan# 2588
 Delta R.T. -0.005 min
 Lab File: BG058163.D
 Acq: 11 Jul 2023 17:40

Tgt Ion:149 Resp: 285276
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 4.7 3.9 5.9

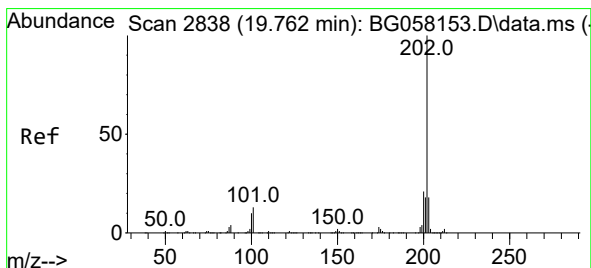
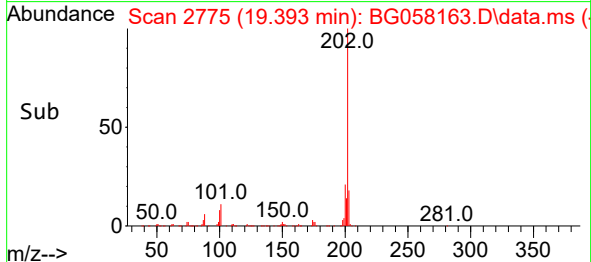
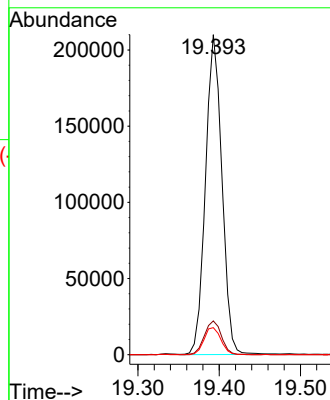
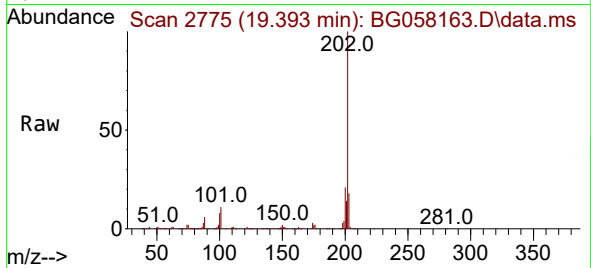




#80
Fluoranthene
Concen: 14.911 ng/ul
RT: 19.393 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG058163.D
Acq: 11 Jul 2023 17:40

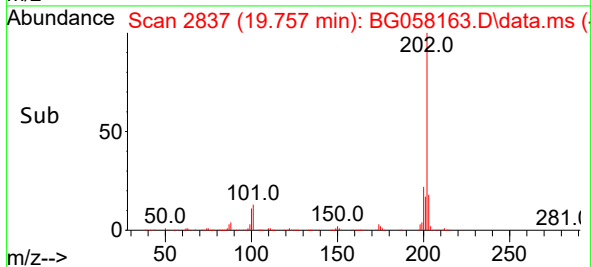
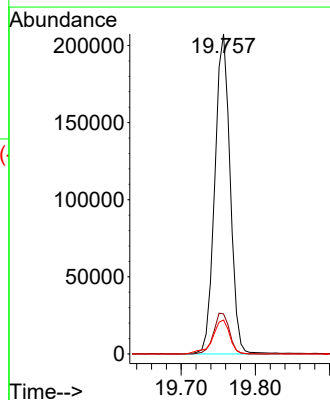
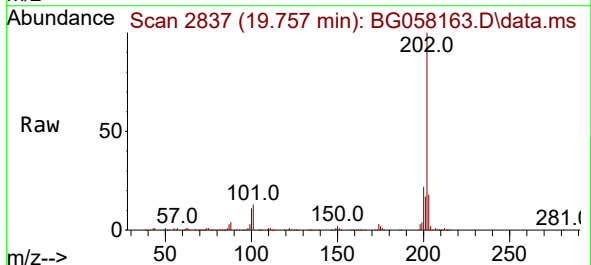
Instrument :
BNA_G
ClientSampleId :

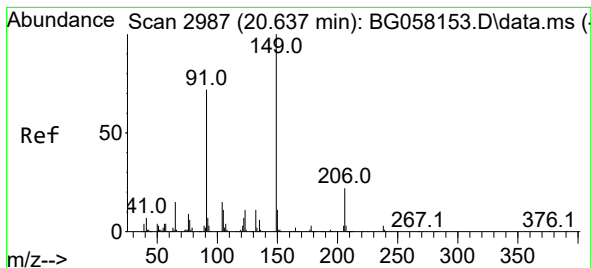
Tgt Ion:202 Resp: 294251
Ion Ratio Lower Upper
202 100
101 10.5 9.1 13.7
100 8.5 7.1 10.7



#82
Pyrene
Concen: 14.981 ng/ul
RT: 19.757 min Scan# 2837
Delta R.T. 0.001 min
Lab File: BG058163.D
Acq: 11 Jul 2023 17:40

Tgt Ion:202 Resp: 297582
Ion Ratio Lower Upper
202 100
101 12.5 10.2 15.2
100 10.6 8.9 13.3





#83

Butylbenzylphthalate

Concen: 15.516 ng/ul

RT: 20.632 min Scan# 2986

Delta R.T. -0.005 min

Lab File: BG058163.D

Acq: 11 Jul 2023 17:40

Instrument :

BNA_G

ClientSampleId :

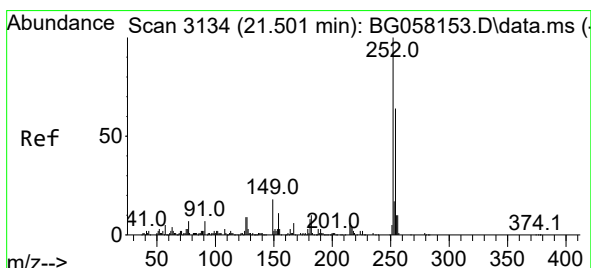
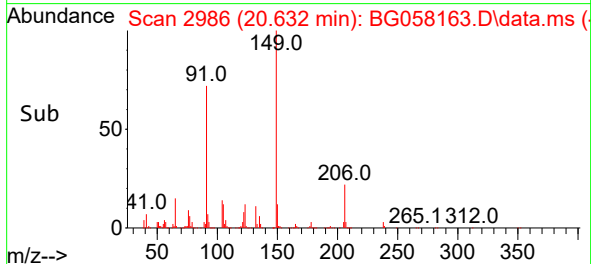
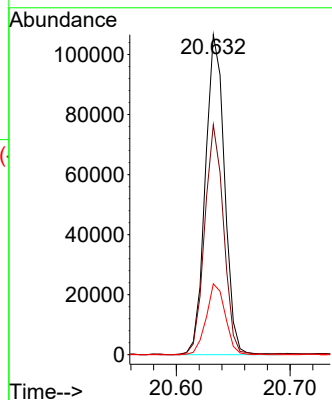
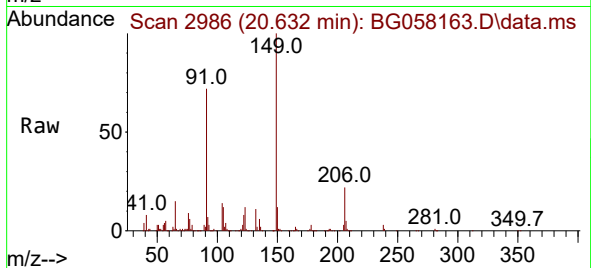
Tgt Ion:149 Resp: 124982

Ion Ratio Lower Upper

149 100

91 71.8 56.5 84.7

206 22.1 17.4 26.0



#84

3,3'-Dichlorobenzidine

Concen: 9.189 ng/ul

RT: 21.496 min Scan# 3133

Delta R.T. 0.001 min

Lab File: BG058163.D

Acq: 11 Jul 2023 17:40

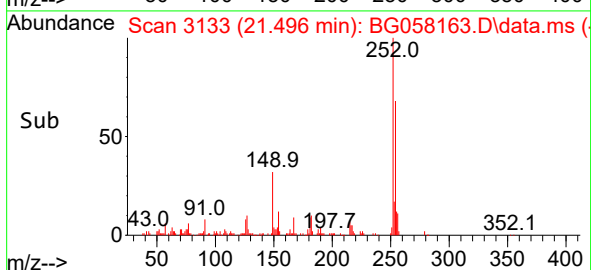
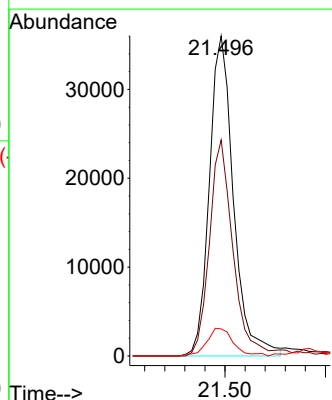
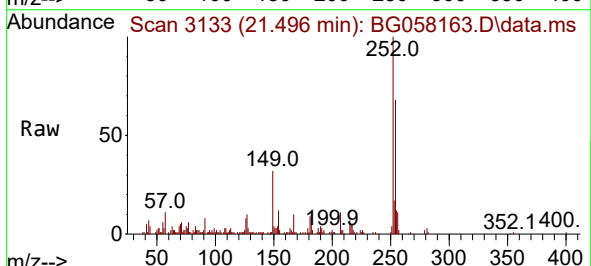
Tgt Ion:252 Resp: 60152

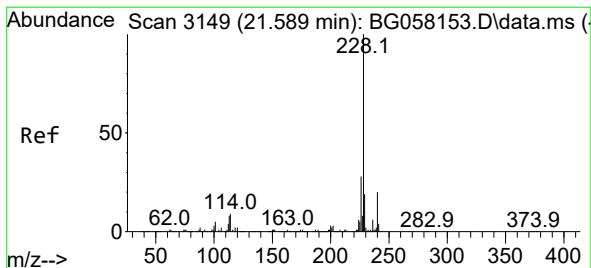
Ion Ratio Lower Upper

252 100

254 67.5 50.7 76.1

126 8.5 6.6 10.0





#85

Benzo(a)anthracene

Concen: 15.230 ng/ul

RT: 21.578 min Scan# 3149

Delta R.T. 0.001 min

Lab File: BG058163.D

Acq: 11 Jul 2023 17:40

Instrument :

BNA_G

ClientSampleId :

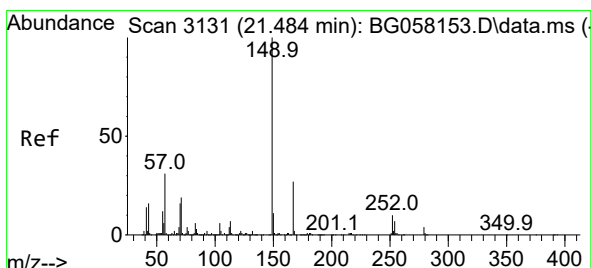
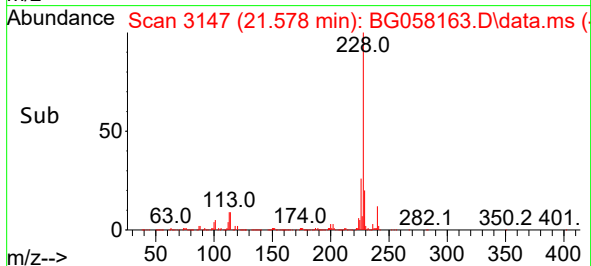
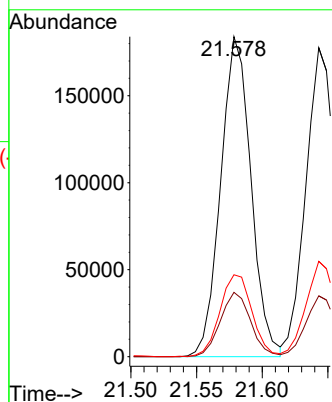
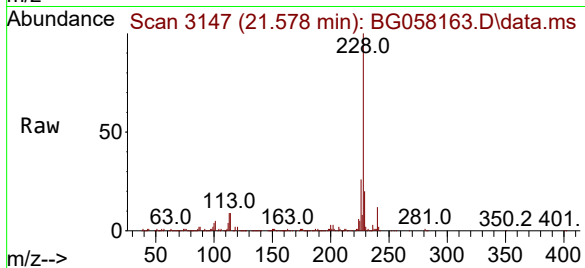
Tgt Ion:228 Resp: 295703

Ion Ratio Lower Upper

228 100

229 20.1 16.0 24.0

226 25.6 22.0 33.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 16.959 ng/ul

RT: 21.479 min Scan# 3130

Delta R.T. 0.001 min

Lab File: BG058163.D

Acq: 11 Jul 2023 17:40

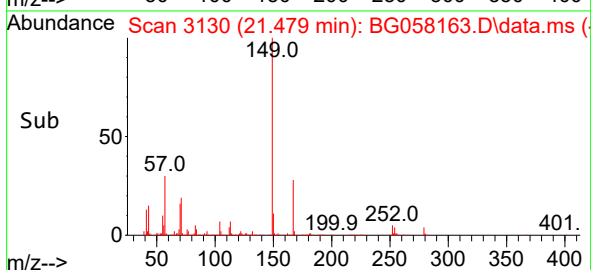
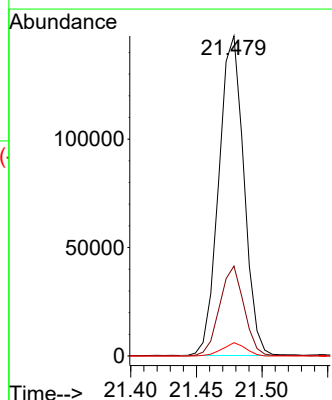
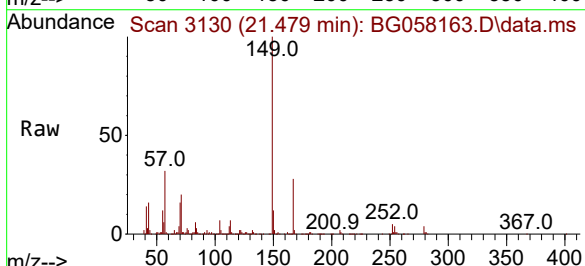
Tgt Ion:149 Resp: 195759

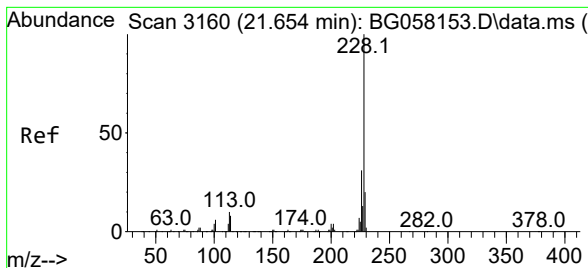
Ion Ratio Lower Upper

149 100

167 28.1 20.9 31.3

279 4.2 3.1 4.7





#87

Chrysene

Concen: 15.357 ng/ul

RT: 21.643 min Scan# 3160

Delta R.T. -0.005 min

Lab File: BG058163.D

Acq: 11 Jul 2023 17:40

Instrument :

BNA_G

ClientSampleId :

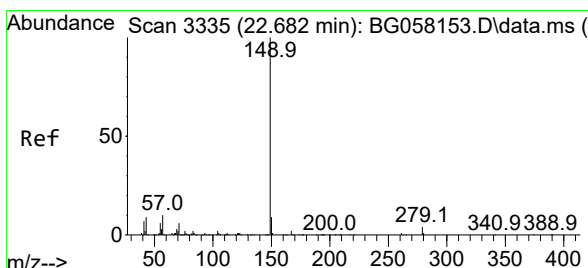
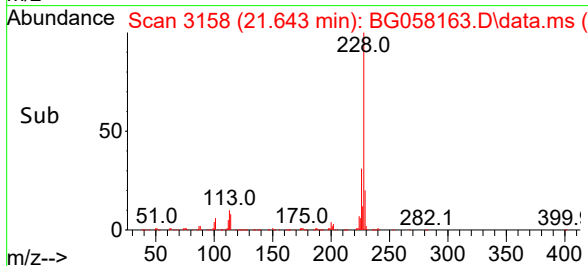
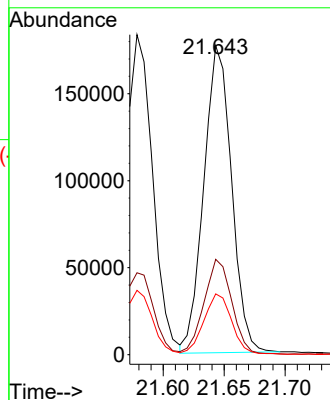
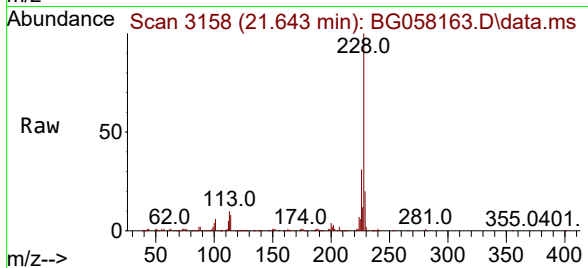
Tgt Ion:228 Resp: 279506

Ion Ratio Lower Upper

228 100

226 30.9 24.4 36.6

229 19.7 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 15.691 ng/ul

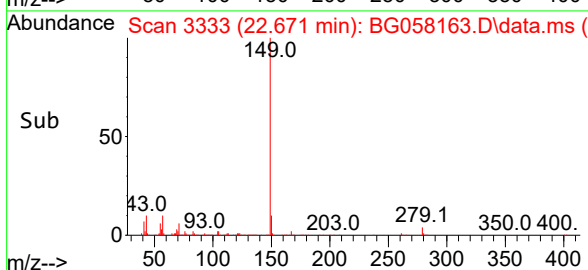
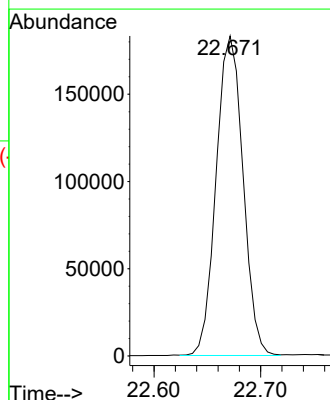
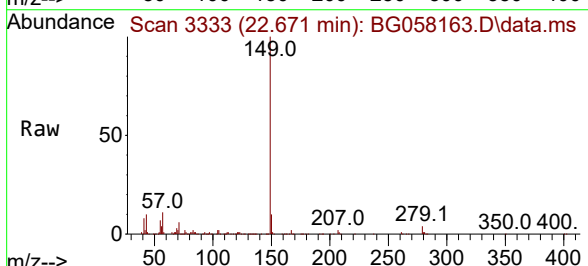
RT: 22.671 min Scan# 3333

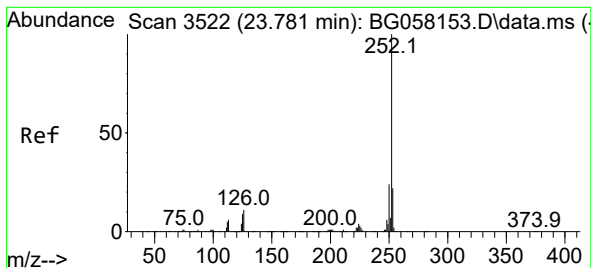
Delta R.T. -0.005 min

Lab File: BG058163.D

Acq: 11 Jul 2023 17:40

Tgt Ion:149 Resp: 320446





#90

Benzo(b)fluoranthene

Concen: 15.020 ng/ul

RT: 23.770 min Scan# 3

Delta R.T. 0.001 min

Lab File: BG058163.D

Acq: 11 Jul 2023 17:40

Instrument :

BNA_G

ClientSampleId :

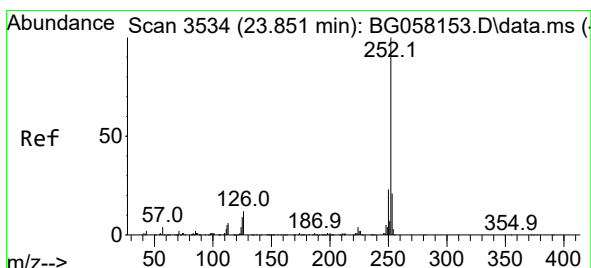
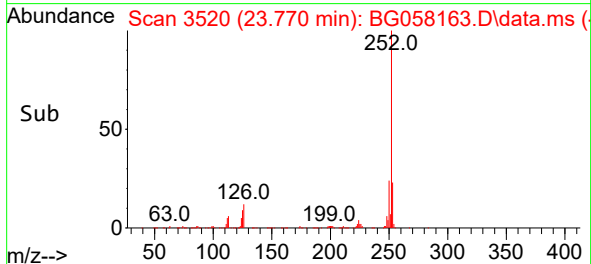
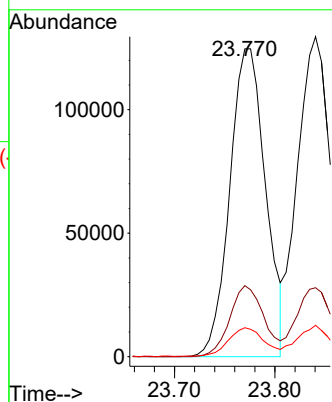
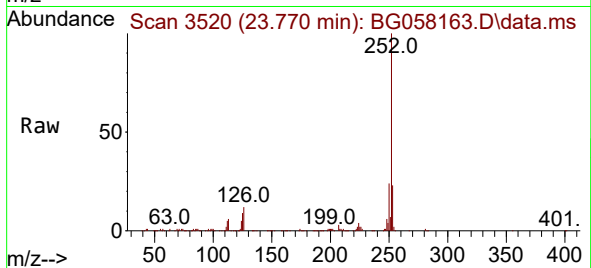
Tgt Ion:252 Resp: 309125

Ion Ratio Lower Upper

252 100

253 23.1 18.1 27.1

125 9.4 7.5 11.3



#91

Benzo(k)fluoranthene

Concen: 15.166 ng/ul

RT: 23.840 min Scan# 3532

Delta R.T. 0.001 min

Lab File: BG058163.D

Acq: 11 Jul 2023 17:40

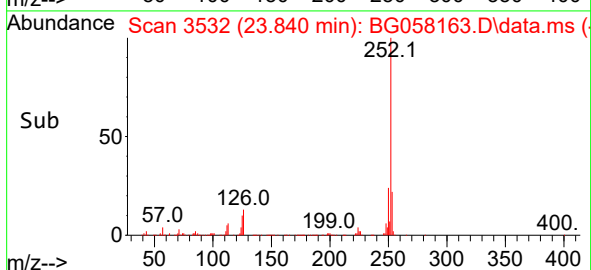
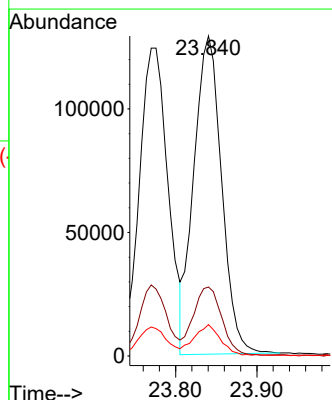
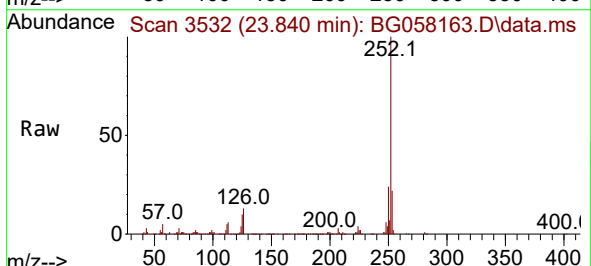
Tgt Ion:252 Resp: 305935

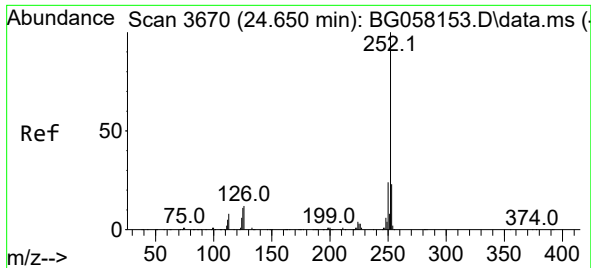
Ion Ratio Lower Upper

252 100

253 21.5 17.7 26.5

125 9.8 7.4 11.2

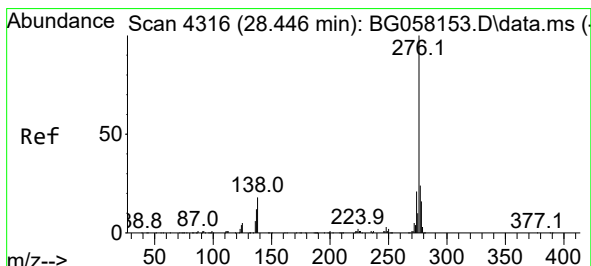
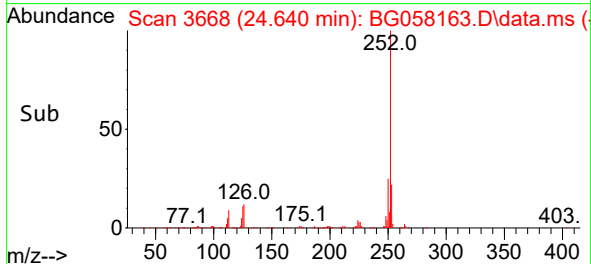
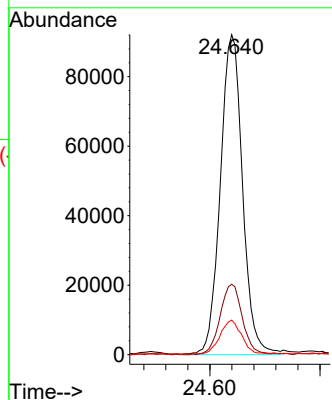
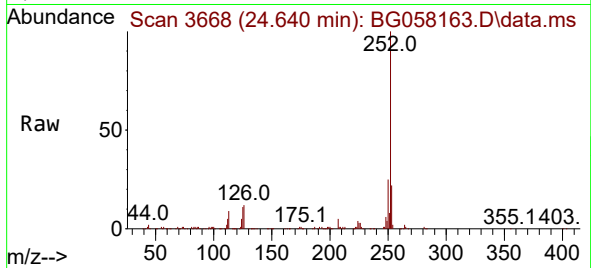




#93
Benzo(a)pyrene
Concen: 14.186 ng/ul
RT: 24.640 min Scan# 3668
Delta R.T. 0.001 min
Lab File: BG058163.D
Acq: 11 Jul 2023 17:40

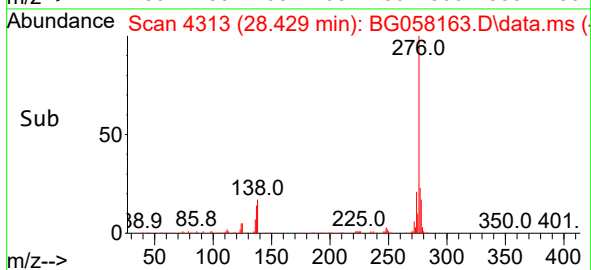
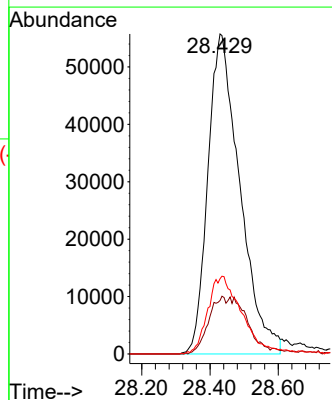
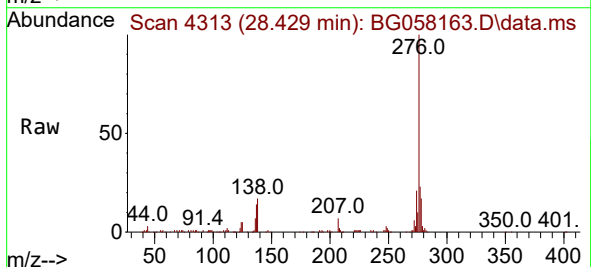
Instrument :
BNA_G
ClientSampleId :

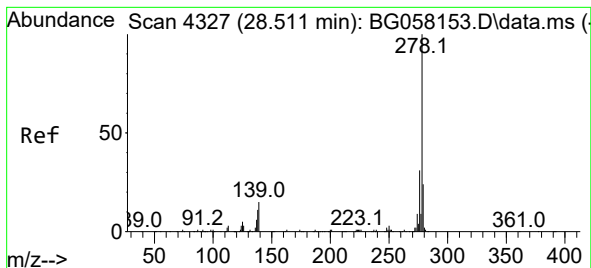
Tgt Ion:252 Resp: 258406
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 10.8 8.3 12.5



#94
Indeno(1,2,3-cd)pyrene
Concen: 14.975 ng/ul
RT: 28.429 min Scan# 4313
Delta R.T. 0.007 min
Lab File: BG058163.D
Acq: 11 Jul 2023 17:40

Tgt Ion:276 Resp: 362249
Ion Ratio Lower Upper
276 100
138 16.7 14.0 21.0
277 23.5 19.4 29.2





#95

Dibenzo(a,h)anthracene

Concen: 15.114 ng/ul

RT: 28.488 min Scan# 41

Delta R.T. 0.001 min

Lab File: BG058163.D

Acq: 11 Jul 2023 17:40

Instrument :

BNA_G

ClientSampleId :

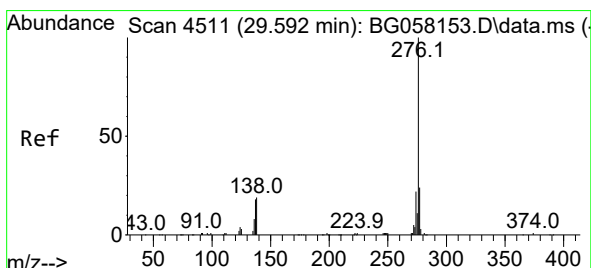
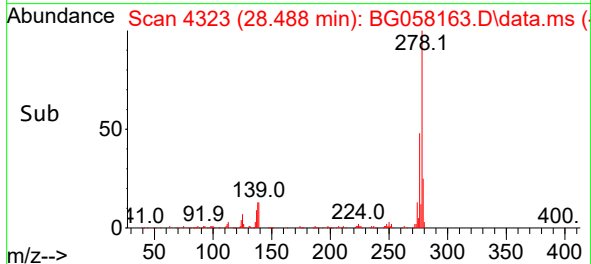
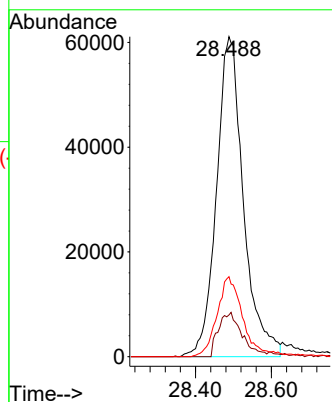
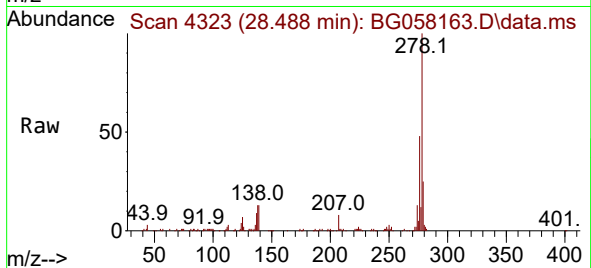
Tgt Ion:278 Resp: 301473

Ion Ratio Lower Upper

278 100

139 13.1 11.3 16.9

279 25.0 18.9 28.3



#96

Benzo(g,h,i)perylene

Concen: 14.171 ng/ul

RT: 29.575 min Scan# 4508

Delta R.T. 0.013 min

Lab File: BG058163.D

Acq: 11 Jul 2023 17:40

Tgt Ion:276 Resp: 279979

Ion Ratio Lower Upper

276 100

138 17.8 14.2 21.2

277 24.2 18.6 27.8

