

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061323\
 Data File : BG057698.D
 Acq On : 13 Jun 2023 22:06
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICBG061323

Quant Time: Jun 14 04:08:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 03:52:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	24343	20.000	ng	0.00
21) Naphthalene-d8	10.744	136	111288	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	87785	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	217735	20.000	ng	0.00
76) Chrysene-d12	21.573	240	179332	20.000	ng	0.00
86) Perylene-d12	24.734	264	225303	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.509	112	124225	83.094	ng	0.00
7) Phenol-d6	7.096	99	194018	84.478	ng	0.00
23) Nitrobenzene-d5	9.099	82	158460	87.816	ng	0.00
42) 2,4,6-Tribromophenol	16.062	330	94147	96.129	ng	0.00
45) 2-Fluorobiphenyl	13.200	172	435931	74.022	ng	0.00
79) Terphenyl-d14	19.933	244	747287	77.043	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.423	88	28295	37.175	ng	95
3) Pyridine	3.811	79	86060	39.943	ng	98
4) n-Nitrosodimethylamine	3.729	42	41504	39.495	ng	95
6) Aniline	7.266	93	122716	40.725	ng	99
8) 2-Chlorophenol	7.501	128	63420	44.245	ng	94
9) Benzaldehyde	7.078	77	57068	40.313	ng	94
10) Phenol	7.119	94	96058	42.803	ng	99
11) bis(2-Chloroethyl)ether	7.360	93	70425	40.038	ng	97
12) 1,3-Dichlorobenzene	7.830	146	63971	38.581	ng	99
13) 1,4-Dichlorobenzene	7.977	146	65058	39.574	ng	98
14) 1,2-Dichlorobenzene	8.294	146	63891	39.999	ng	98
15) Benzyl Alcohol	8.177	79	76262	43.356	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.465	45	150166	39.207	ng	97
17) 2-Methylphenol	8.371	107	68597	41.538	ng	96
18) Hexachloroethane	9.023	117	21915	43.137	ng	95
19) n-Nitroso-di-n-propyla...	8.747	70	69251	41.701	ng	99
20) 3+4-Methylphenols	8.700	107	96388	42.687	ng	99
22) Acetophenone	8.758	105	124964	38.652	ng	98
24) Nitrobenzene	9.146	77	86589	43.671	ng	98
25) Isophorone	9.663	82	206030	39.942	ng	98
26) 2-Nitrophenol	9.851	139	23187	49.074	ng	96
27) 2,4-Dimethylphenol	9.910	122	72850	42.295	ng	100
28) bis(2-Chloroethoxy)met...	10.151	93	104939	39.135	ng	97
29) 2,4-Dichlorophenol	10.386	162	67806	46.407	ng	98
30) 1,2,4-Trichlorobenzene	10.603	180	74589	39.277	ng	100
31) Naphthalene	10.797	128	233585	39.054	ng	99
32) Benzoic acid	10.033	122	43001	63.886	ng	98
33) 4-Chloroaniline	10.897	127	111658	40.097	ng	98
34) Hexachlorobutadiene	11.079	225	44681	37.414	ng	97
35) Caprolactam	11.673	113	29562	49.046	ng	93
36) 4-Chloro-3-methylphenol	12.013	107	95065	45.926	ng	97
37) 2-Methylnaphthalene	12.401	142	175856	39.742	ng	98
38) 1-Methylnaphthalene	12.618	142	166430	40.092	ng	97
40) 1,2,4,5-Tetrachloroben...	12.765	216	91691	36.898	ng	100
41) Hexachlorocyclopentadiene	12.748	237	40631	42.869	ng	95
43) 2,4,6-Trichlorophenol	13.000	196	65698	41.346	ng	96

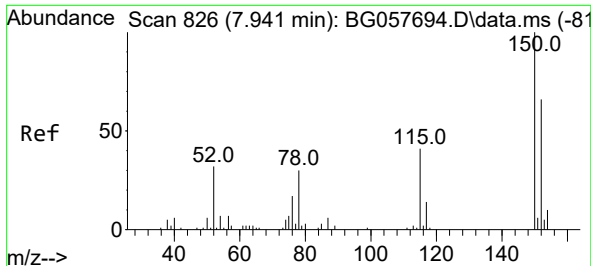
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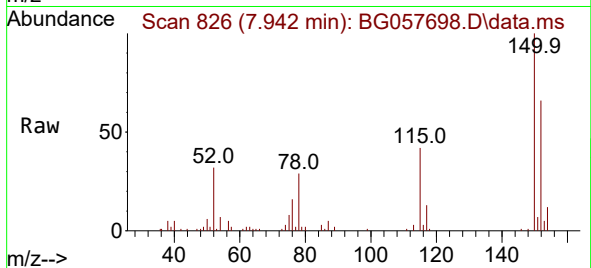
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.071	196	80466	42.702	ng	95
46) 1,1'-Biphenyl	13.412	154	227686	37.539	ng	97
47) 2-Chloronaphthalene	13.453	162	174940	38.161	ng	97
48) 2-Nitroaniline	13.647	65	60127	48.625	ng	93
49) Acenaphthylene	14.299	152	308143	38.760	ng	98
50) Dimethylphthalate	14.034	163	267200	41.513	ng	100
51) 2,6-Dinitrotoluene	14.146	165	45221	48.134	ng	93
52) Acenaphthene	14.640	154	186743	39.187	ng	99
53) 3-Nitroaniline	14.475	138	51556	47.016	ng #	95
54) 2,4-Dinitrophenol	14.675	184	14569	49.130	ng	96
55) Dibenzofuran	14.969	168	309417	38.682	ng	99
56) 4-Nitrophenol	14.769	139	41924	48.469	ng	94
57) 2,4-Dinitrotoluene	14.928	165	60142	48.927	ng	99
58) Fluorene	15.621	166	249144	39.099	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	68514	43.558	ng	99
60) Diethylphthalate	15.392	149	281218	42.325	ng	98
61) 4-Chlorophenyl-phenyle...	15.615	204	133167	39.009	ng	99
62) 4-Nitroaniline	15.638	138	54156	44.686	ng	99
63) Azobenzene	15.909	77	280569	39.273	ng	98
65) 4,6-Dinitro-2-methylph...	15.691	198	23518	47.932	ng	92
66) n-Nitrosodiphenylamine	15.826	169	221736	38.957	ng	98
67) 4-Bromophenyl-phenylether	16.508	248	88526	39.929	ng	97
68) Hexachlorobenzene	16.620	284	90235	38.945	ng	98
69) Atrazine	16.772	200	77673	41.016	ng	99
70) Pentachlorophenol	16.960	266	65105	46.804	ng	95
71) Phenanthrene	17.360	178	403251	37.954	ng	99
72) Anthracene	17.448	178	416966	38.739	ng	99
73) Carbazole	17.718	167	383525	38.475	ng	99
74) Di-n-butylphthalate	18.282	149	470696	42.601	ng	99
75) Fluoranthene	19.369	202	490338	38.309	ng	99
77) Benzidine	19.552	184	194324	45.455	ng	97
78) Pyrene	19.728	202	500742	39.244	ng	99
80) Butylbenzylphthalate	20.627	149	190929	41.703	ng	97
81) Benzo(a)anthracene	21.555	228	481249	38.858	ng	100
82) 3,3'-Dichlorobenzidine	21.473	252	167908	41.624	ng	99
83) Chrysene	21.620	228	459470	38.983	ng	99
84) Bis(2-ethylhexyl)phtha...	21.473	149	285061	45.347	ng	98
85) Di-n-octyl phthalate	22.671	149	483623	44.617	ng	99
87) Indeno(1,2,3-cd)pyrene	28.335	276	567633	38.938	ng	100
88) Benzo(b)fluoranthene	23.729	252	473986	38.780	ng	98
89) Benzo(k)fluoranthene	23.799	252	481906	38.016	ng	97
90) Benzo(a)pyrene	24.587	252	465640	38.747	ng	99
91) Dibenzo(a,h)anthracene	28.406	278	468140	38.860	ng	100
92) Benzo(g,h,i)perylene	29.469	276	469713	39.065	ng	97

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

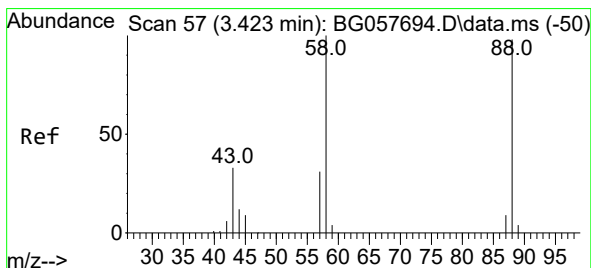
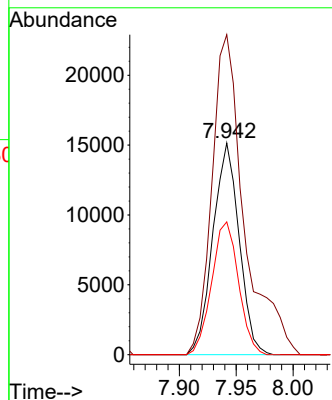
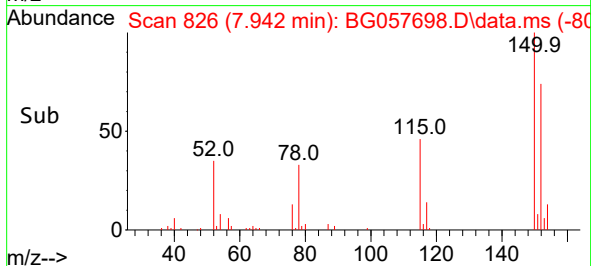


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.942 min Scan# 81
 Delta R.T. 0.001 min
 Lab File: BG057698.D
 Acq: 13 Jun 2023 22:06

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG061323

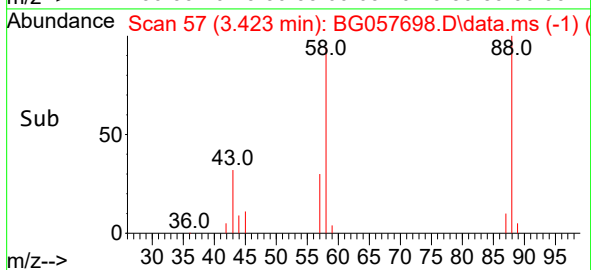
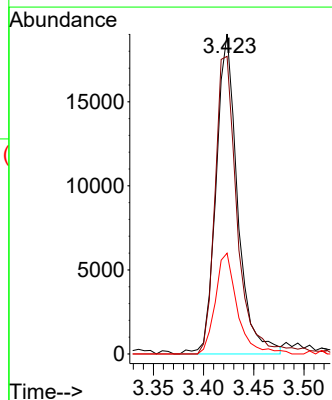
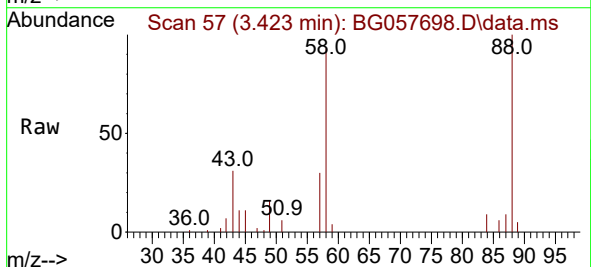


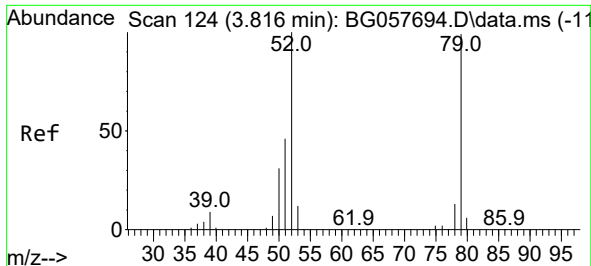
Tgt Ion:152 Resp: 24343
 Ion Ratio Lower Upper
 152 100
 150 151.1 120.8 181.2
 115 62.7 49.4 74.2



#2
 1,4-Dioxane
 Concen: 37.175 ng
 RT: 3.423 min Scan# 57
 Delta R.T. 0.001 min
 Lab File: BG057698.D
 Acq: 13 Jun 2023 22:06

Tgt Ion: 88 Resp: 28295
 Ion Ratio Lower Upper
 88 100
 58 97.2 83.0 124.6
 43 32.2 26.2 39.4

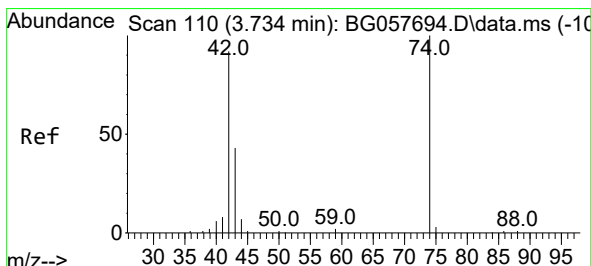
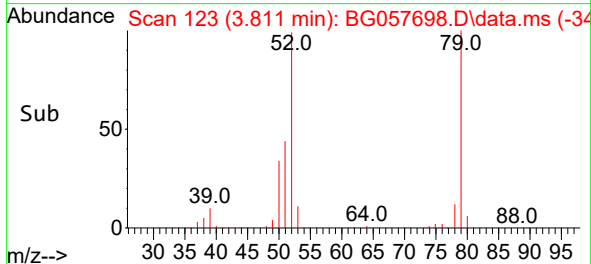
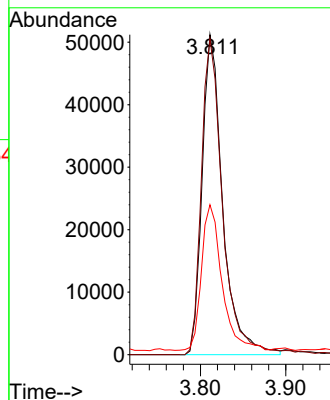
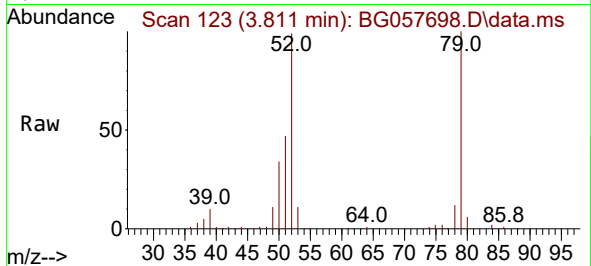




#3
 Pyridine
 Concen: 39.943 ng
 RT: 3.811 min Scan# 110
 Delta R.T. -0.005 min
 Lab File: BG057698.D
 Acq: 13 Jun 2023 22:06

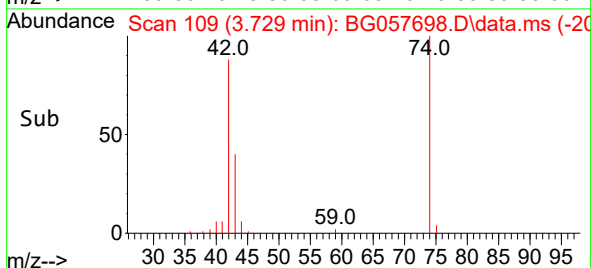
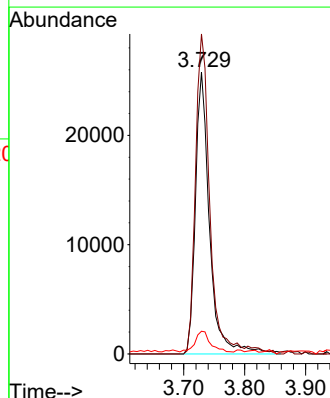
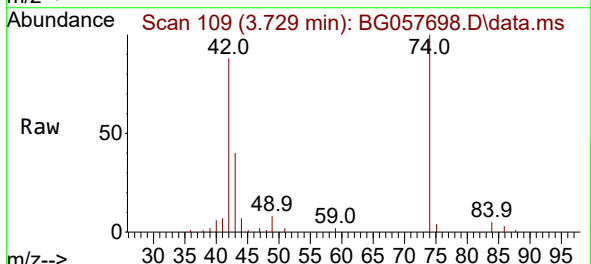
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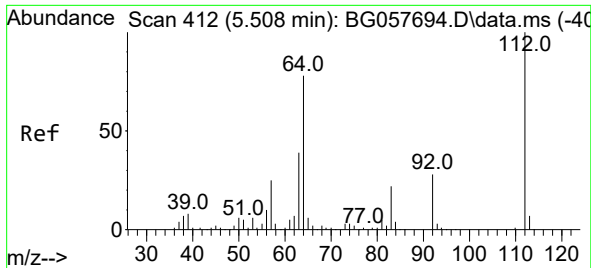
Tgt Ion: 79 Resp: 86060
 Ion Ratio Lower Upper
 79 100
 52 98.7 81.1 121.7
 51 46.9 38.0 57.0



#4
 n-Nitrosodimethylamine
 Concen: 39.495 ng
 RT: 3.729 min Scan# 109
 Delta R.T. -0.005 min
 Lab File: BG057698.D
 Acq: 13 Jun 2023 22:06

Tgt Ion: 42 Resp: 41504
 Ion Ratio Lower Upper
 42 100
 74 113.5 86.8 130.2
 44 8.1 7.5 11.3

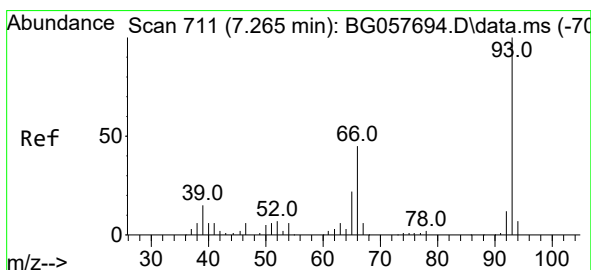
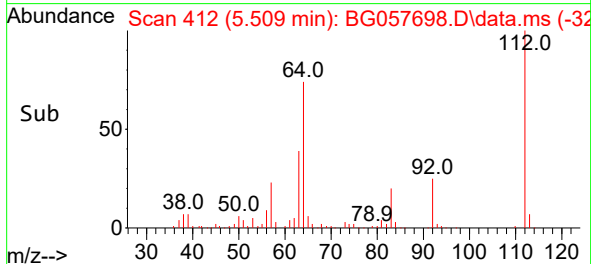
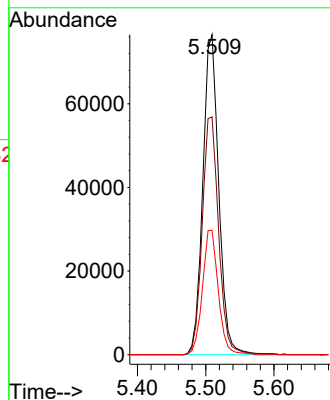
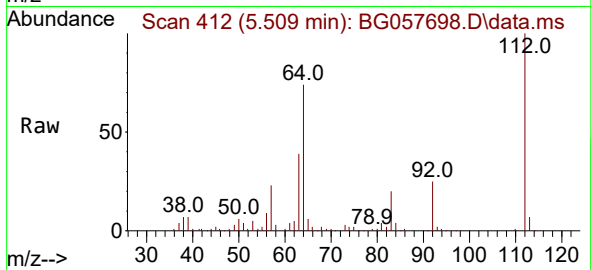




#5
2-Fluorophenol
Concen: 83.094 ng
RT: 5.509 min Scan# 412
Delta R.T. 0.001 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

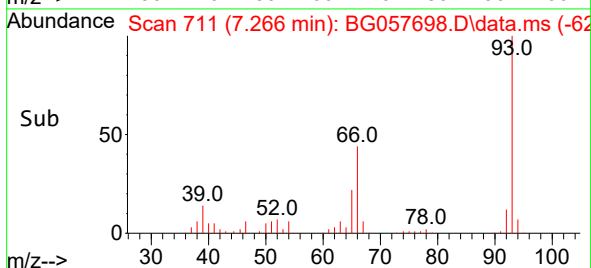
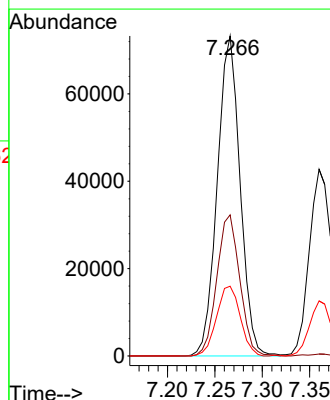
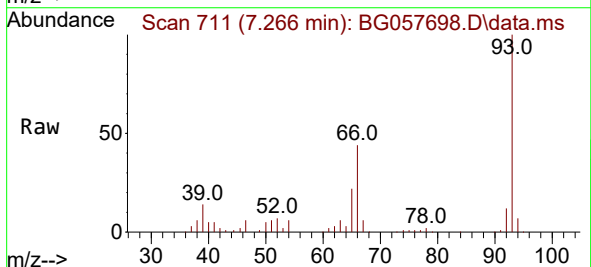
Instrument :
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ClientSampleId :
ICVBG061323

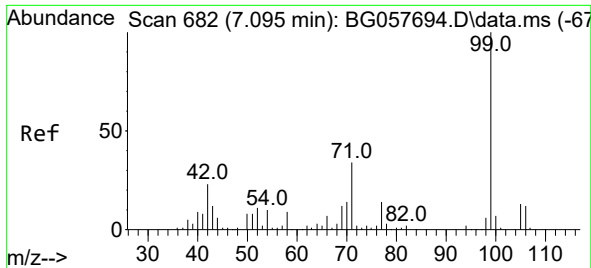
Tgt Ion:112 Resp: 124225
Ion Ratio Lower Upper
112 100
64 74.3 62.3 93.5
63 38.9 31.5 47.3



#6
Aniline
Concen: 40.725 ng
RT: 7.266 min Scan# 711
Delta R.T. 0.001 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

Tgt Ion: 93 Resp: 122716
Ion Ratio Lower Upper
93 100
66 44.1 36.1 54.1
65 21.8 17.2 25.8

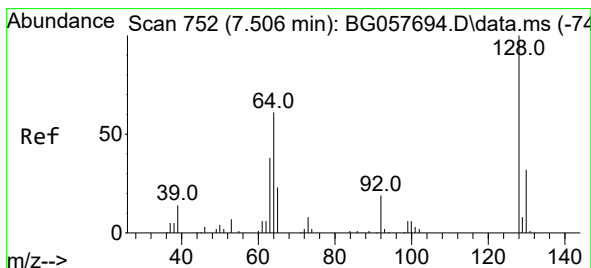
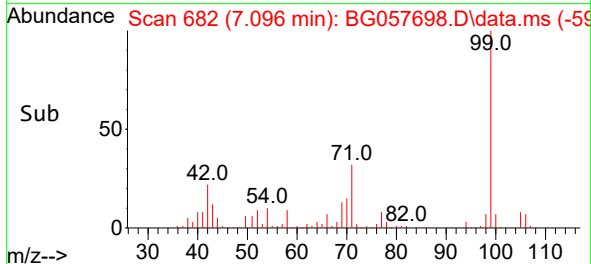
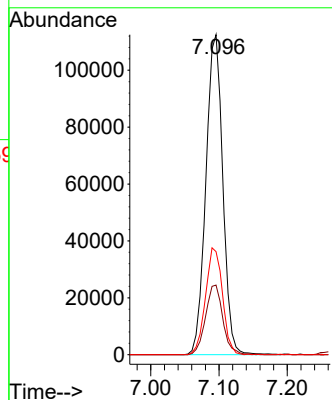
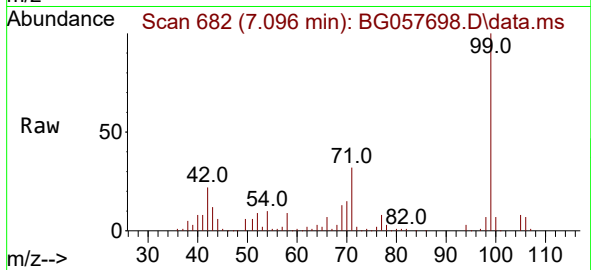




#7
Phenol-d6
Concen: 84.478 ng
RT: 7.096 min Scan# 682
Delta R.T. 0.001 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

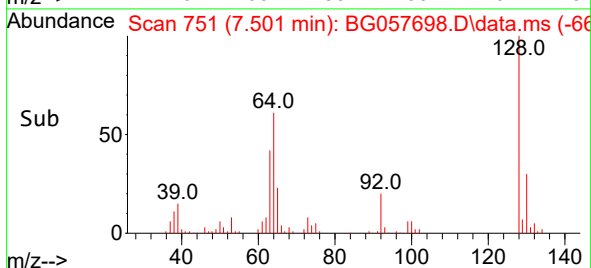
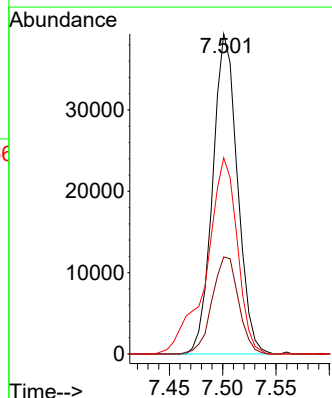
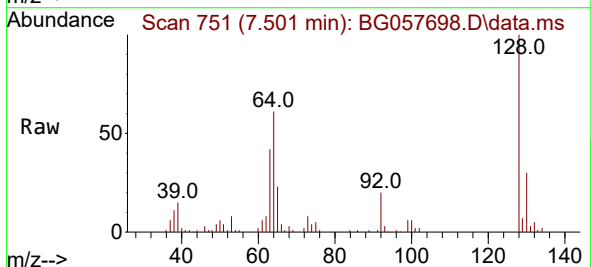
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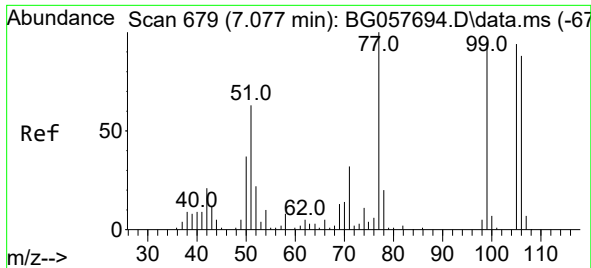
Tgt Ion: 99 Resp: 194018
Ion Ratio Lower Upper
99 100
42 21.7 18.3 27.5
71 32.2 27.5 41.3



#8
2-Chlorophenol
Concen: 44.245 ng
RT: 7.501 min Scan# 751
Delta R.T. -0.005 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

Tgt Ion:128 Resp: 63420
Ion Ratio Lower Upper
128 100
130 30.4 12.4 52.4
64 61.3 47.2 87.2

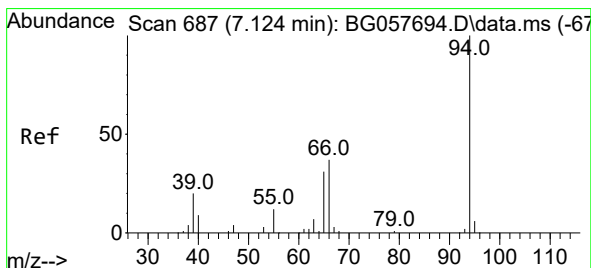
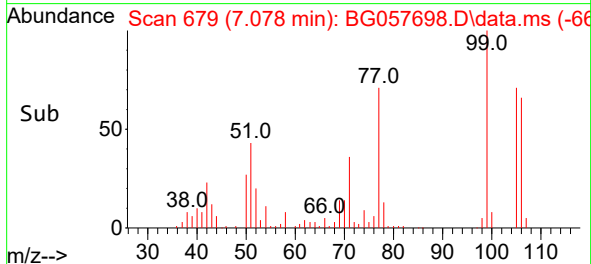
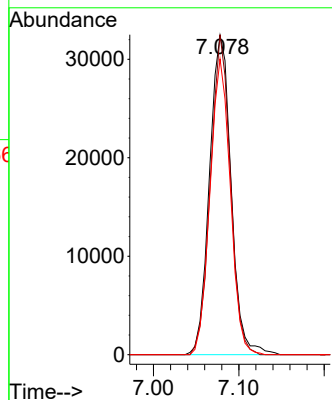
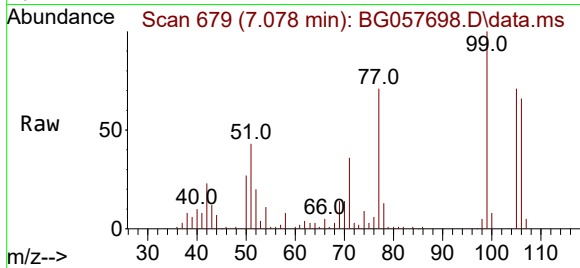




#9
Benzaldehyde
Concen: 40.313 ng
RT: 7.078 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

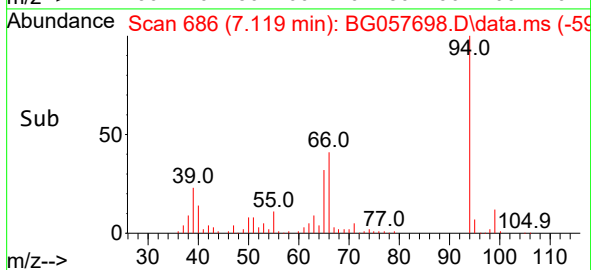
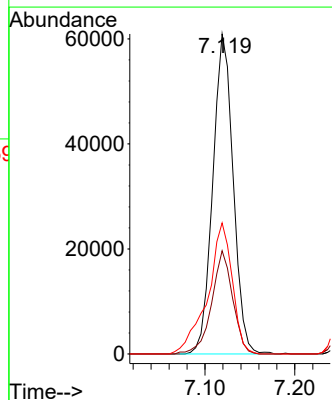
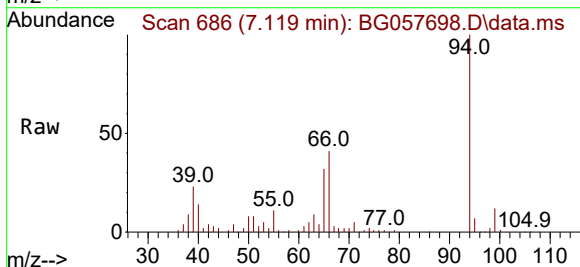
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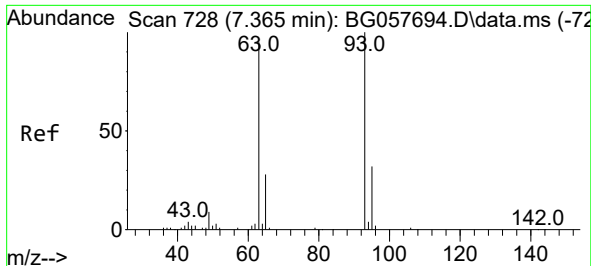
Tgt Ion: 77 Resp: 57068
Ion Ratio Lower Upper
77 100
105 100.2 73.9 113.9
106 92.6 68.2 108.2



#10
Phenol
Concen: 42.803 ng
RT: 7.119 min Scan# 686
Delta R.T. -0.005 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

Tgt Ion: 94 Resp: 96058
Ion Ratio Lower Upper
94 100
65 32.2 11.5 51.5
66 40.9 20.1 60.1

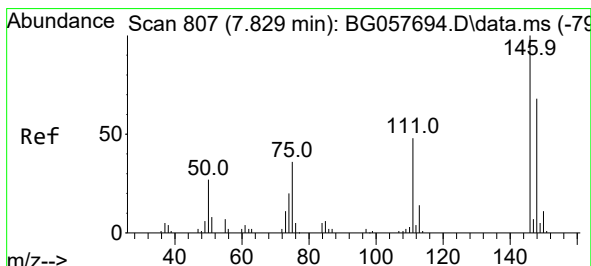
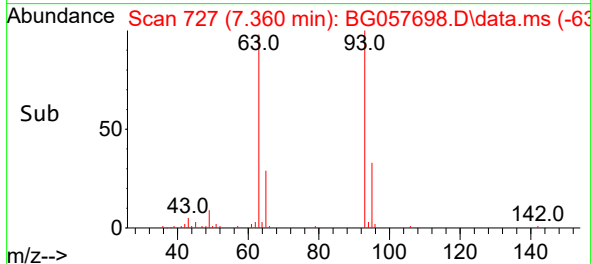
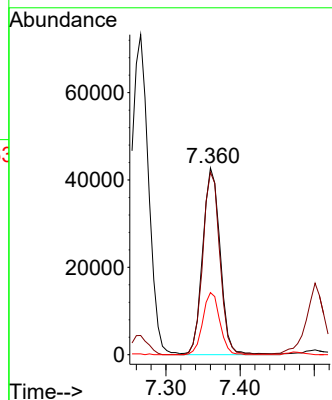
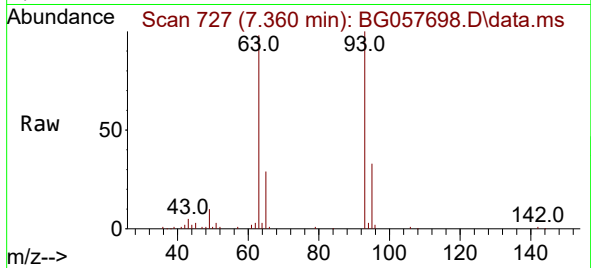




#11
bis(2-Chloroethyl)ether
Concen: 40.038 ng
RT: 7.360 min Scan# 728
Delta R.T. -0.005 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

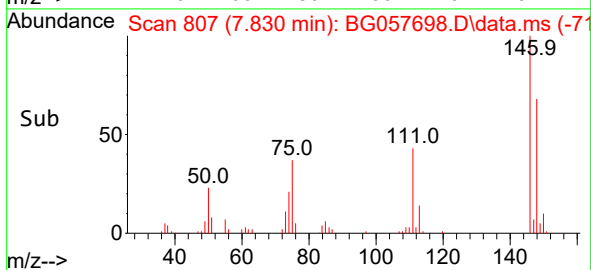
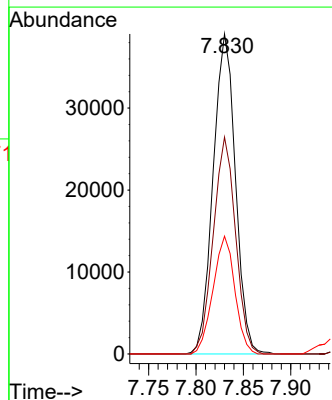
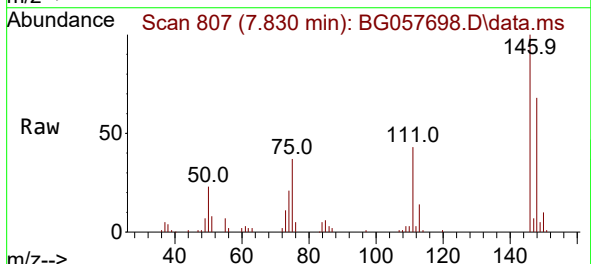
Instrument :
BNA_G
ClientSampleId :
ICVBG061323

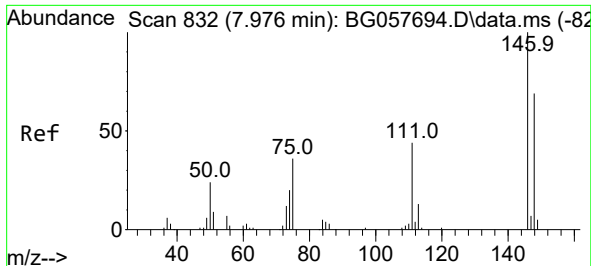
Tgt Ion: 93 Resp: 70425
Ion Ratio Lower Upper
93 100
63 97.7 74.5 114.5
95 33.2 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 38.581 ng
RT: 7.830 min Scan# 807
Delta R.T. 0.001 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

Tgt Ion:146 Resp: 63971
Ion Ratio Lower Upper
146 100
148 67.7 54.6 81.8
75 36.8 28.7 43.1





#13

1,4-Dichlorobenzene

Concen: 39.574 ng

RT: 7.977 min Scan# 81

Delta R.T. 0.001 min

Lab File: BG057698.D

Acq: 13 Jun 2023 22:06

Instrument :

BNA_G

ClientSampleId :

ICVBG061323

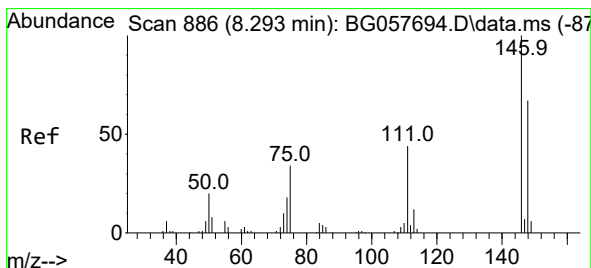
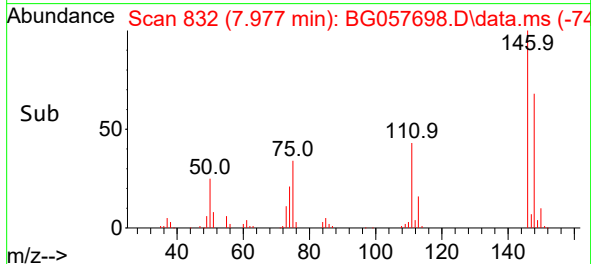
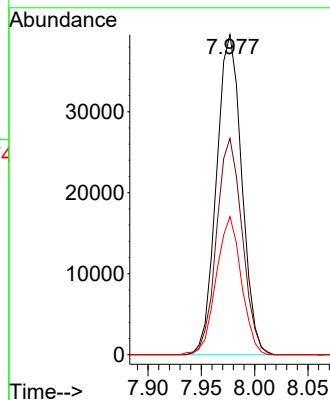
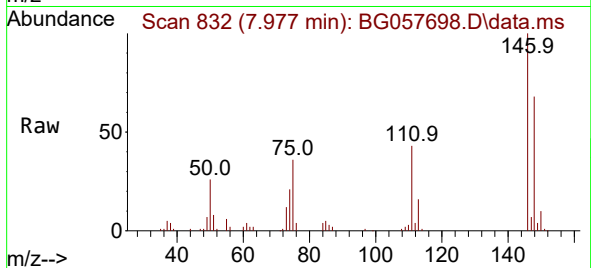
Tgt Ion:146 Resp: 65058

Ion Ratio Lower Upper

146 100

148 67.6 55.5 83.3

111 43.2 35.3 52.9



#14

1,2-Dichlorobenzene

Concen: 39.999 ng

RT: 8.294 min Scan# 886

Delta R.T. 0.001 min

Lab File: BG057698.D

Acq: 13 Jun 2023 22:06

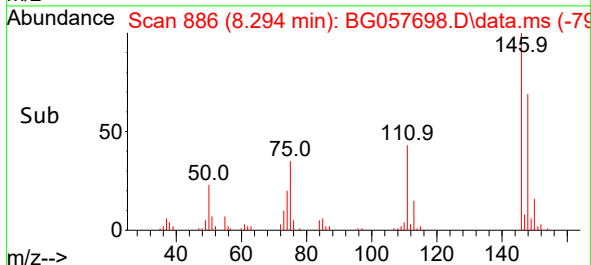
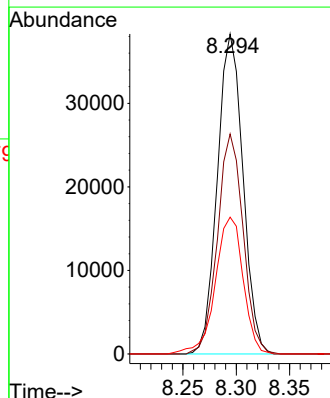
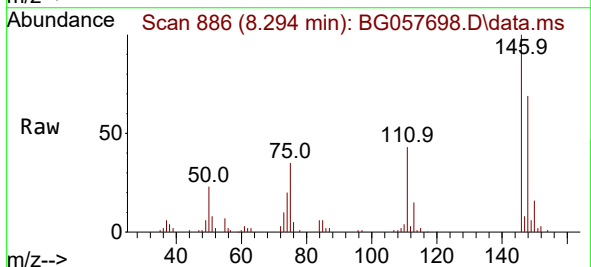
Tgt Ion:146 Resp: 63891

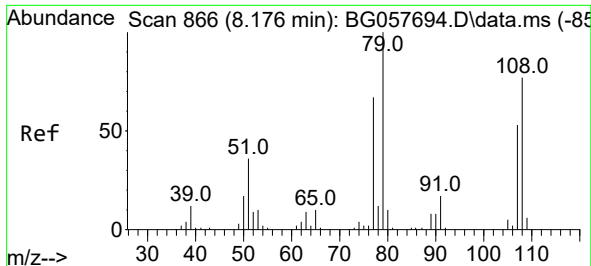
Ion Ratio Lower Upper

146 100

148 68.7 53.8 80.8

111 42.7 35.8 53.6

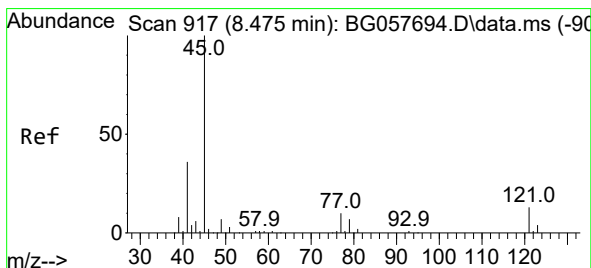
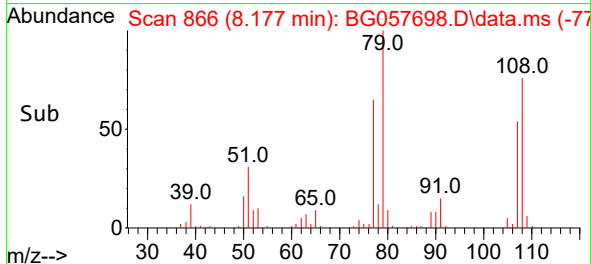
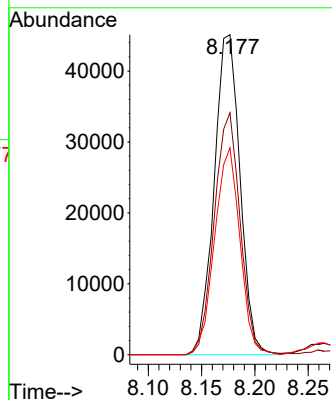
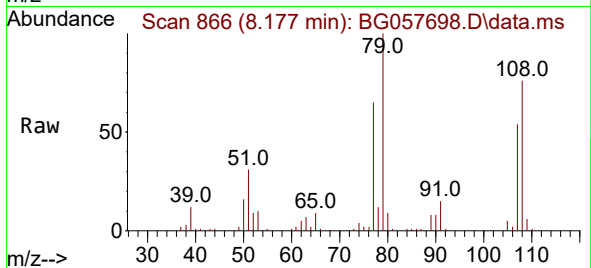




#15
Benzyl Alcohol
Concen: 43.356 ng
RT: 8.177 min Scan# 80
Delta R.T. 0.001 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

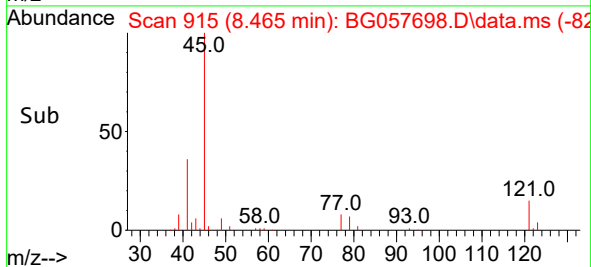
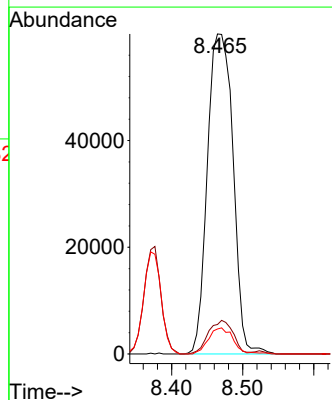
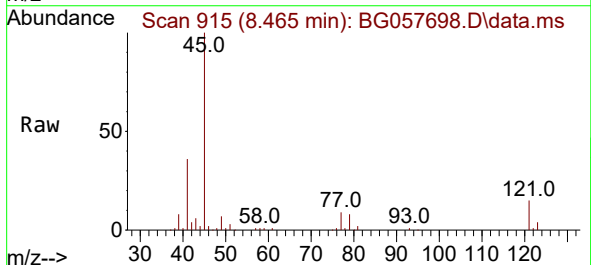
Instrument :
BNA_G
ClientSampleId :
ICVBG061323

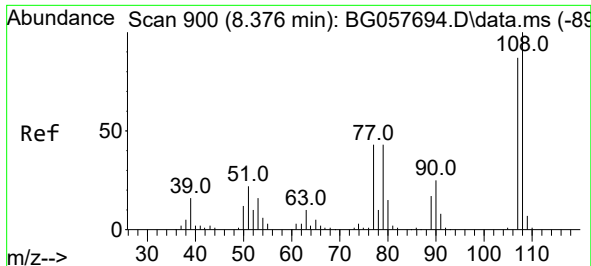
Tgt Ion: 79 Resp: 76262
Ion Ratio Lower Upper
79 100
108 75.6 61.6 92.4
77 64.7 53.2 79.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.207 ng
RT: 8.465 min Scan# 915
Delta R.T. -0.011 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

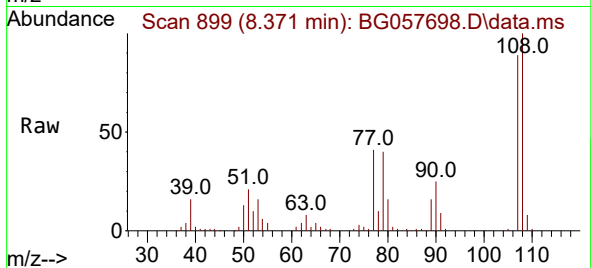
Tgt Ion: 45 Resp: 150166
Ion Ratio Lower Upper
45 100
77 9.2 0.0 30.3
79 7.8 0.0 26.9



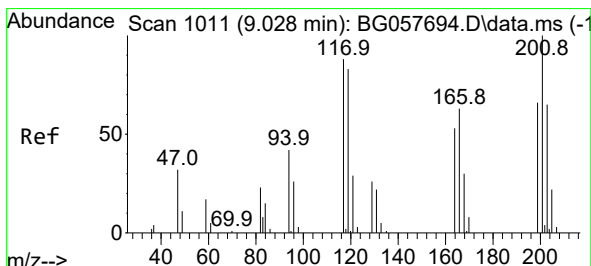
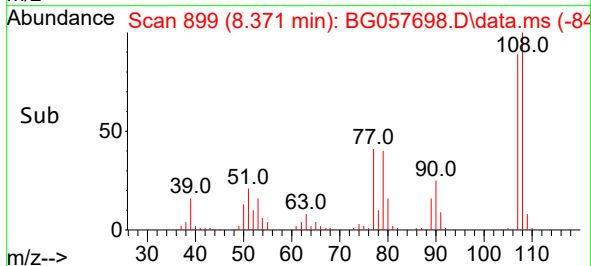
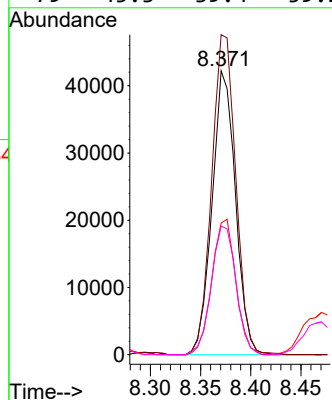


#17
2-Methylphenol
Concen: 41.538 ng
RT: 8.371 min Scan# 899
Delta R.T. -0.005 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

Instrument :
BNA_G
ClientSampleId :
ICVBG061323

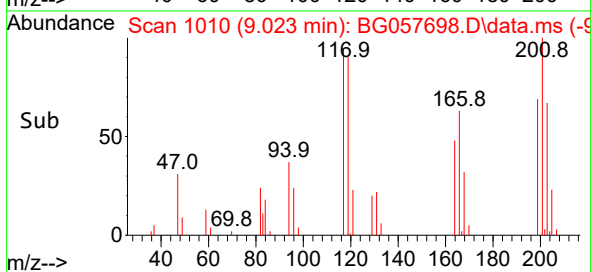
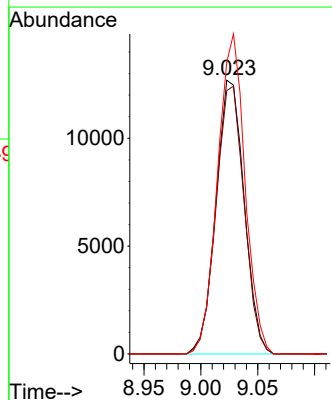
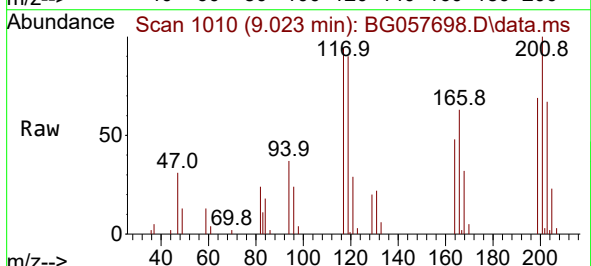


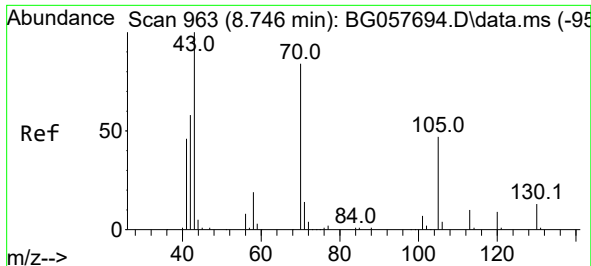
Tgt Ion:	107	Resp:	68597
Ion	Ratio	Lower	Upper
107	100		
108	112.7	92.4	138.6
77	46.3	39.9	59.9
79	45.3	39.4	59.2



#18
Hexachloroethane
Concen: 43.137 ng
RT: 9.023 min Scan# 1010
Delta R.T. -0.005 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

Tgt Ion:	117	Resp:	21915
Ion	Ratio	Lower	Upper
117	100		
119	97.6	75.7	113.5
201	106.5	91.0	136.6

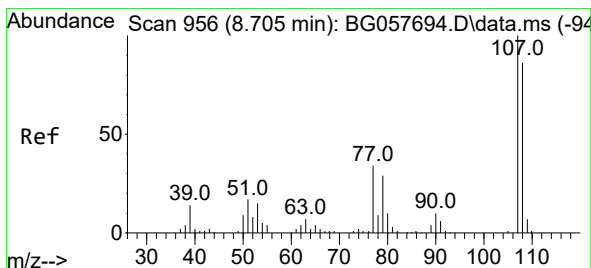
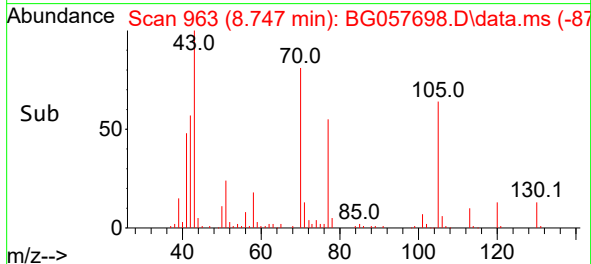
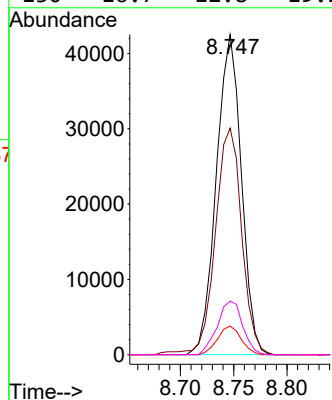
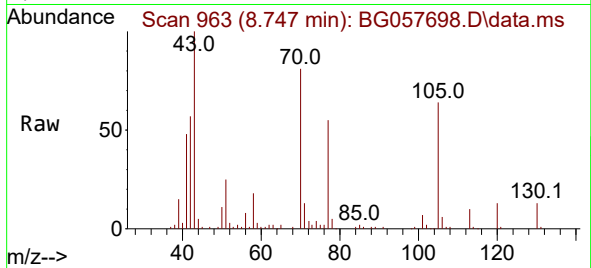




#19
n-Nitroso-di-n-propylamine
Concen: 41.701 ng
RT: 8.747 min Scan# 90
Delta R.T. 0.001 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

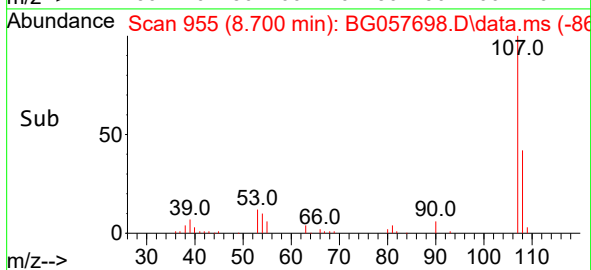
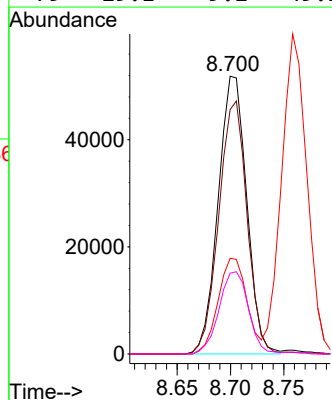
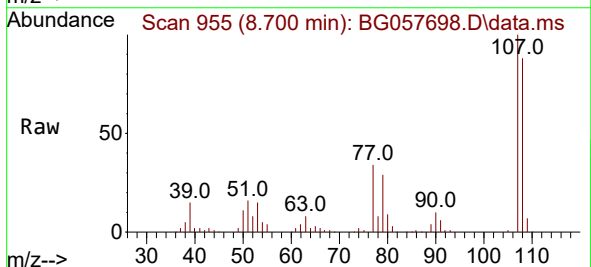
Instrument :
BNA_G
ClientSampleId :
ICVBG061323

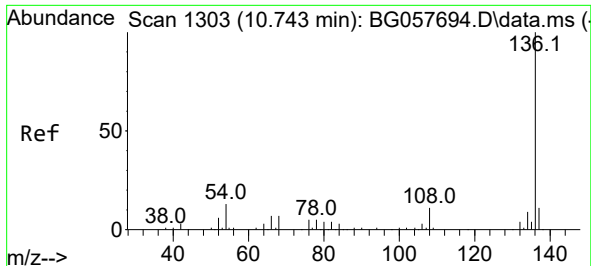
Tgt Ion: 70 Resp: 69251
Ion Ratio Lower Upper
70 100
42 70.8 56.6 84.8
101 9.0 6.2 9.4
130 16.7 12.8 19.2



#20
3+4-Methylphenols
Concen: 42.687 ng
RT: 8.700 min Scan# 955
Delta R.T. -0.005 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

Tgt Ion: 107 Resp: 96388
Ion Ratio Lower Upper
107 100
108 88.0 66.3 106.3
77 34.4 13.9 53.9
79 29.1 9.2 49.2

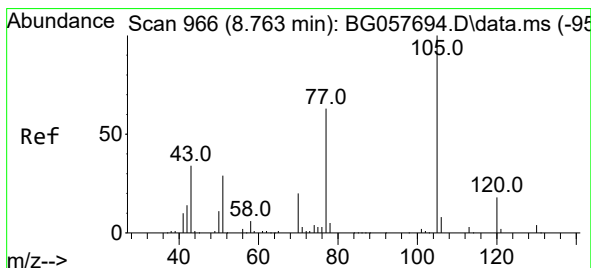
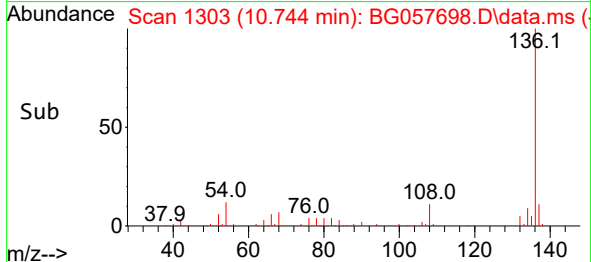
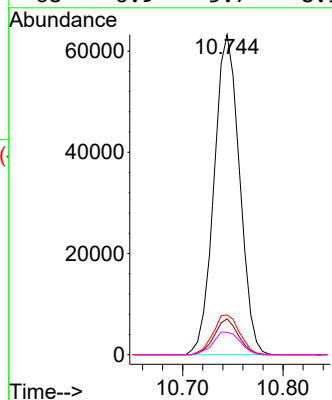
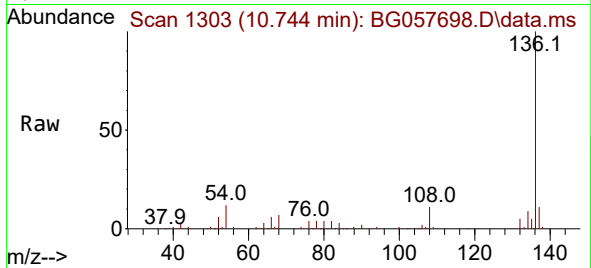




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.744 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

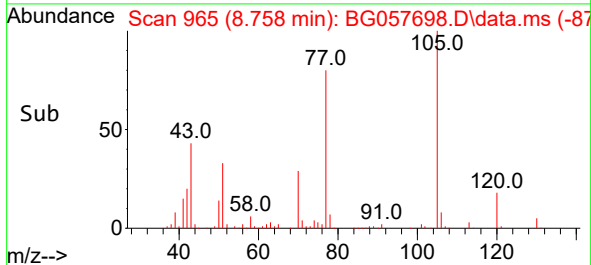
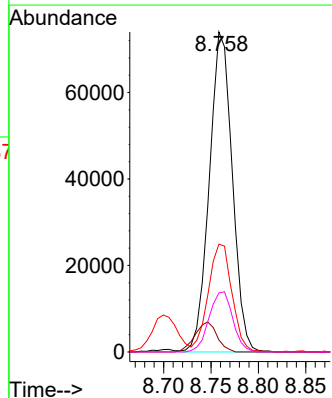
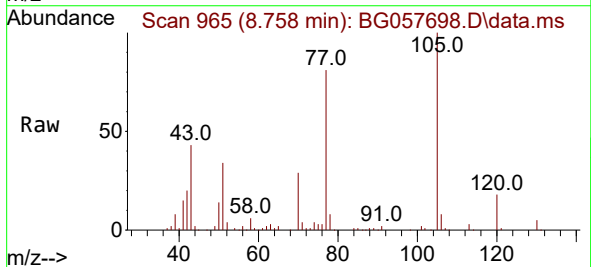
Instrument :
BNA_G
ClientSampleId :
ICVBG061323

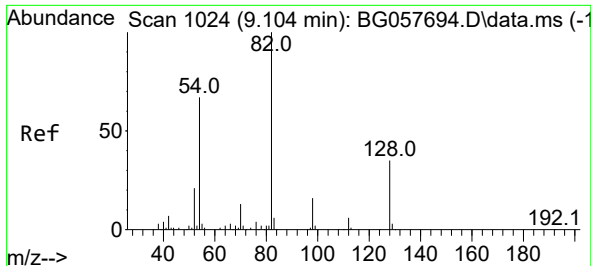
Tgt Ion:	136	Resp:	111288
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.6	13.0
54	12.4	10.8	16.2
68	6.9	5.7	8.5



#22
Acetophenone
Concen: 38.652 ng
RT: 8.758 min Scan# 965
Delta R.T. -0.005 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

Tgt Ion:	105	Resp:	124964
Ion Ratio	Lower	Upper	
105	100		
71	3.8	2.6	3.8
51	33.7	28.3	42.5
120	18.5	14.2	21.2

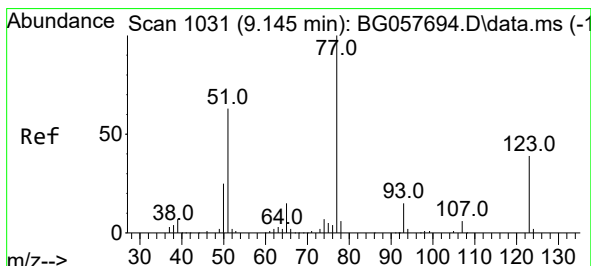
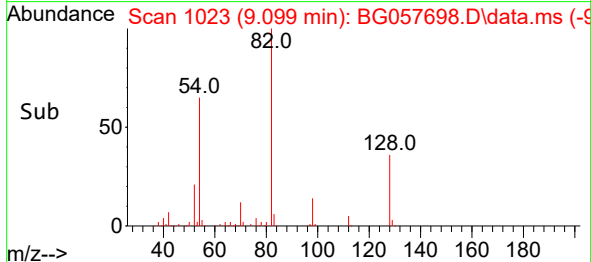
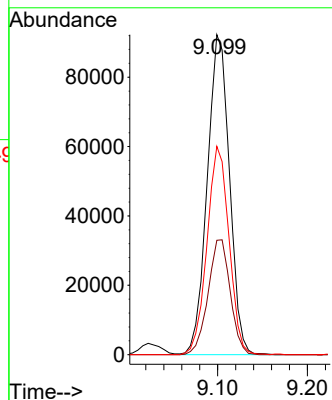
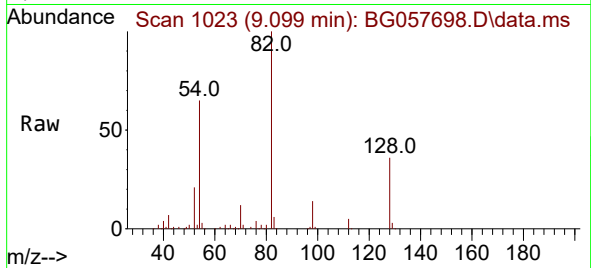




#23
Nitrobenzene-d5
Concen: 87.816 ng
RT: 9.099 min Scan# 1023
Delta R.T. -0.005 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

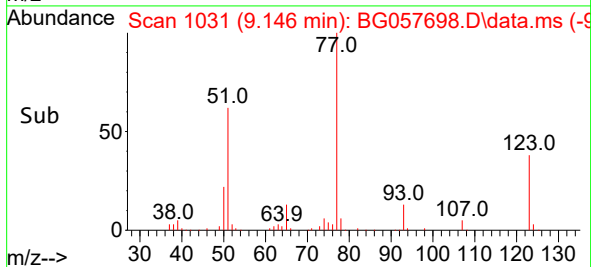
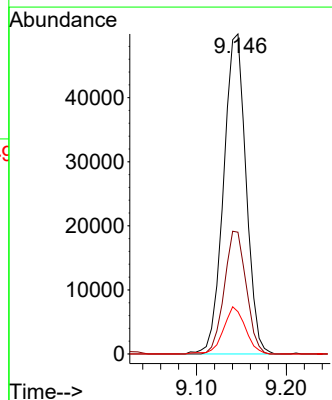
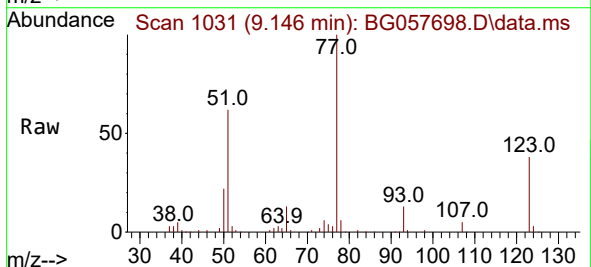
Instrument :
BNA_G
ClientSampleId :
ICVBG061323

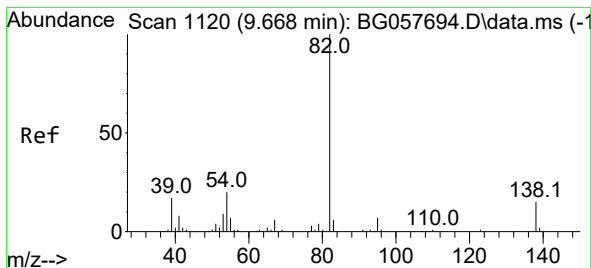
Tgt Ion: 82 Resp: 158460
Ion Ratio Lower Upper
82 100
128 35.8 27.7 41.5
54 65.1 53.8 80.8



#24
Nitrobenzene
Concen: 43.671 ng
RT: 9.146 min Scan# 1031
Delta R.T. 0.001 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

Tgt Ion: 77 Resp: 86589
Ion Ratio Lower Upper
77 100
123 38.0 31.2 46.8
65 13.2 11.6 17.4





#25

Isophorone

Concen: 39.942 ng

RT: 9.663 min Scan# 1119

Delta R.T. -0.005 min

Lab File: BG057698.D

Acq: 13 Jun 2023 22:06

Instrument :

BNA_G

ClientSampleId :

ICVBG061323

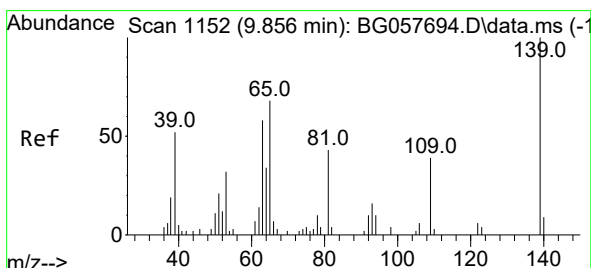
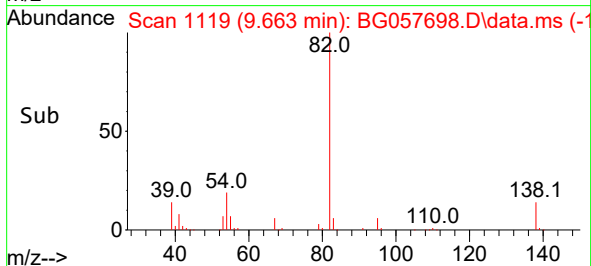
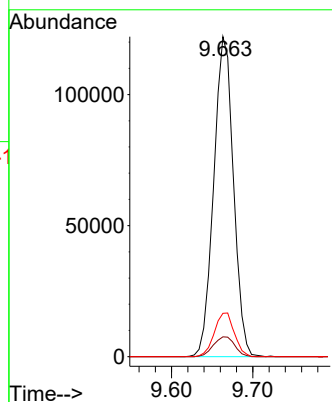
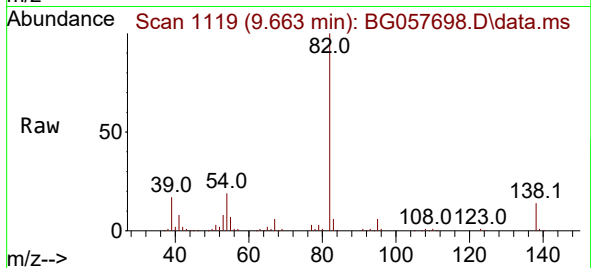
Tgt Ion: 82 Resp: 206030

Ion Ratio Lower Upper

82 100

95 6.2 5.4 8.2

138 13.5 11.8 17.6



#26

2-Nitrophenol

Concen: 49.074 ng

RT: 9.851 min Scan# 1151

Delta R.T. -0.005 min

Lab File: BG057698.D

Acq: 13 Jun 2023 22:06

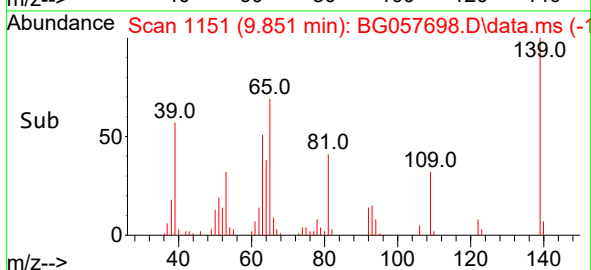
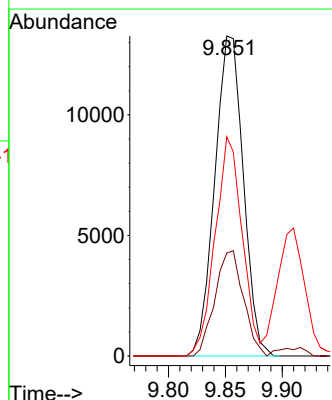
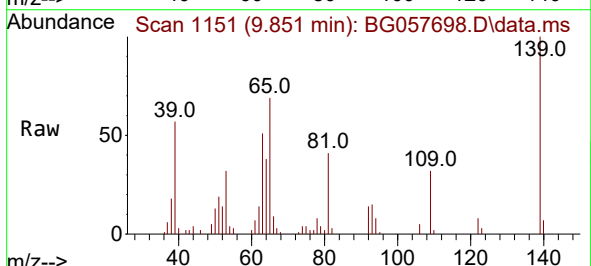
Tgt Ion:139 Resp: 23187

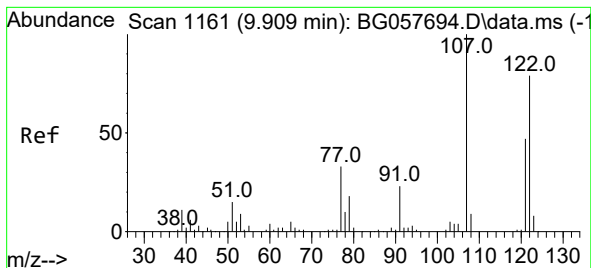
Ion Ratio Lower Upper

139 100

109 32.2 30.9 46.3

65 68.5 54.5 81.7





#27

2,4-Dimethylphenol

Concen: 42.295 ng

RT: 9.910 min Scan# 1161

Delta R.T. 0.001 min

Lab File: BG057698.D

Acq: 13 Jun 2023 22:06

Instrument :

BNA_G

ClientSampleId :

ICVBG061323

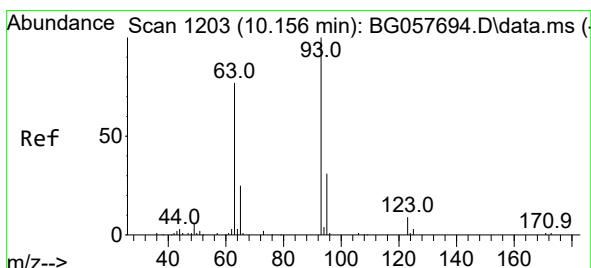
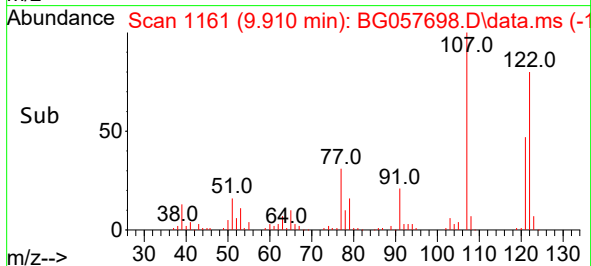
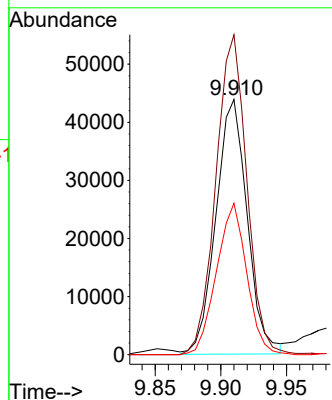
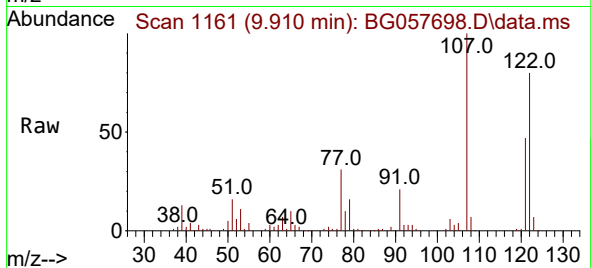
Tgt Ion:122 Resp: 72850

Ion Ratio Lower Upper

122 100

107 125.4 100.6 150.8

121 59.3 47.4 71.2



#28

bis(2-Chloroethoxy)methane

Concen: 39.135 ng

RT: 10.151 min Scan# 1202

Delta R.T. -0.005 min

Lab File: BG057698.D

Acq: 13 Jun 2023 22:06

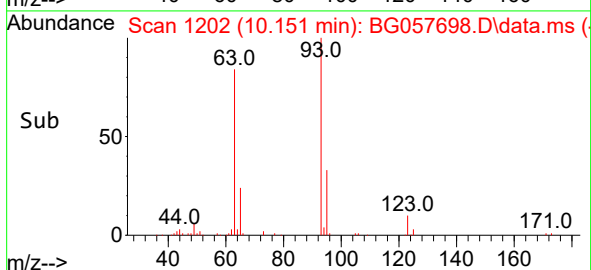
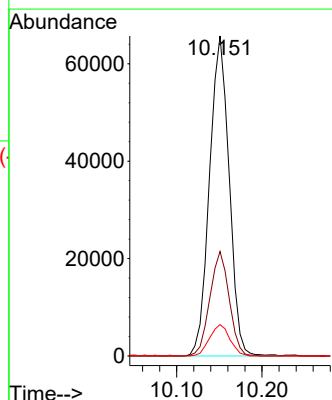
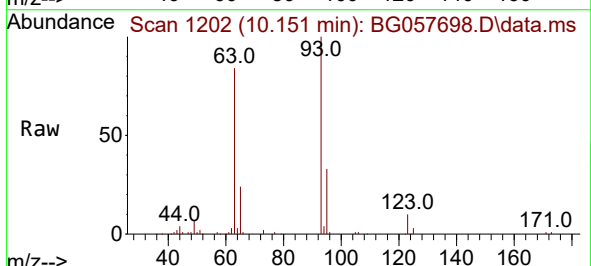
Tgt Ion: 93 Resp: 104939

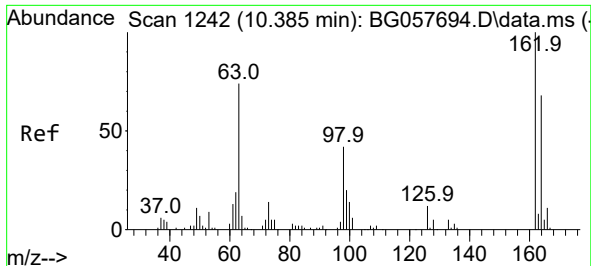
Ion Ratio Lower Upper

93 100

95 32.7 24.9 37.3

123 9.8 7.2 10.8





#29

2,4-Dichlorophenol

Concen: 46.407 ng

RT: 10.386 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG057698.D

Acq: 13 Jun 2023 22:06

Instrument :

BNA_G

ClientSampleId :

ICVBG061323

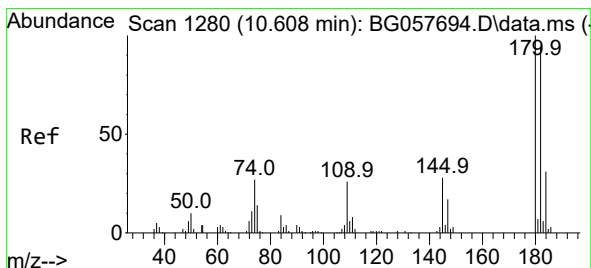
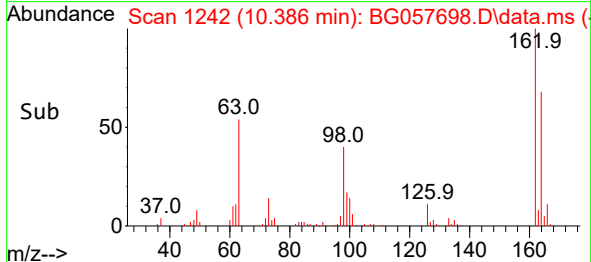
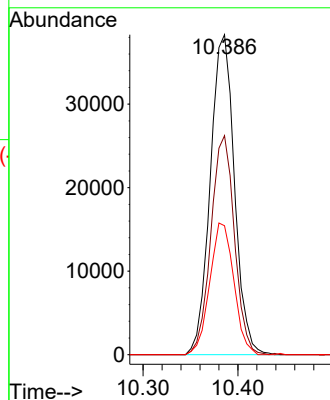
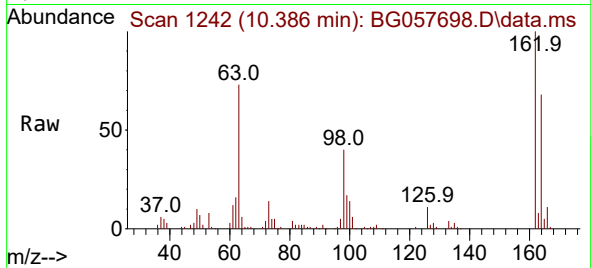
Tgt Ion:162 Resp: 67806

Ion Ratio Lower Upper

162 100

164 68.5 47.9 87.9

98 40.3 22.4 62.4



#30

1,2,4-Trichlorobenzene

Concen: 39.277 ng

RT: 10.603 min Scan# 1279

Delta R.T. -0.005 min

Lab File: BG057698.D

Acq: 13 Jun 2023 22:06

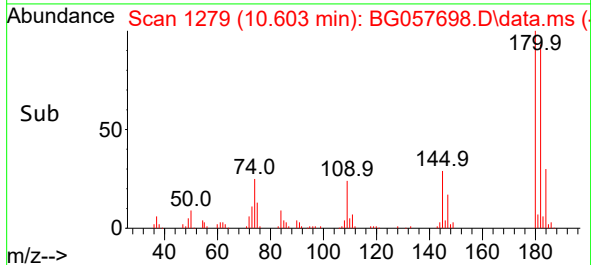
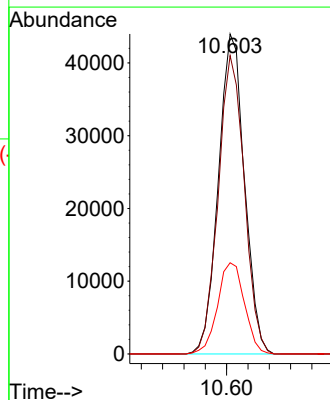
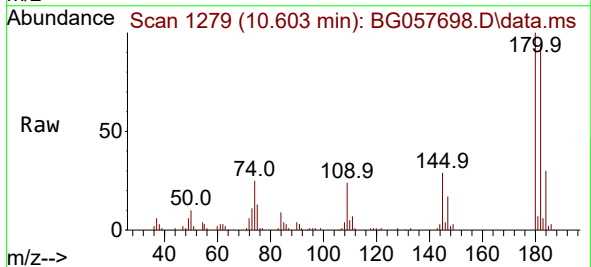
Tgt Ion:180 Resp: 74589

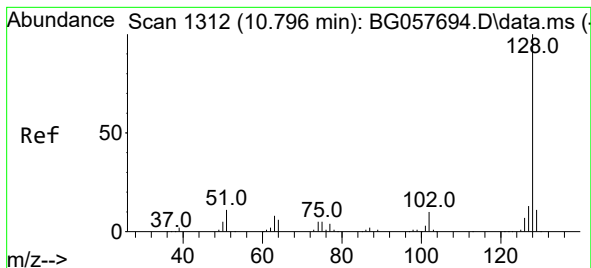
Ion Ratio Lower Upper

180 100

182 93.3 74.8 112.2

145 28.5 22.6 34.0





#31

Naphthalene

Concen: 39.054 ng

RT: 10.797 min Scan# 11

Delta R.T. 0.001 min

Lab File: BG057698.D

Acq: 13 Jun 2023 22:06

Instrument :

BNA_G

ClientSampleId :

ICVBG061323

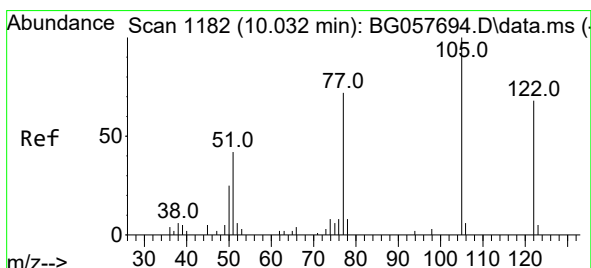
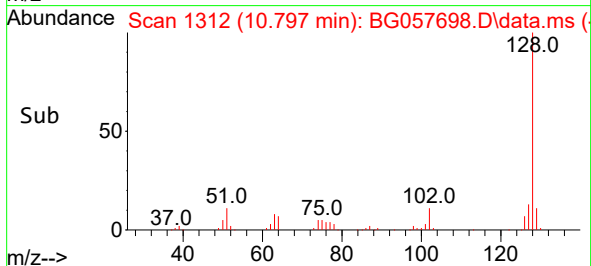
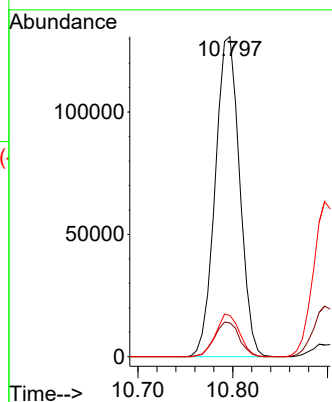
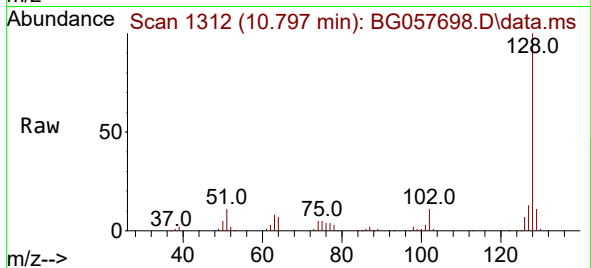
Tgt Ion:128 Resp: 233585

Ion Ratio Lower Upper

128 100

129 10.5 8.7 13.1

127 12.9 10.0 15.0



#32

Benzoic acid

Concen: 63.886 ng

RT: 10.033 min Scan# 1182

Delta R.T. 0.001 min

Lab File: BG057698.D

Acq: 13 Jun 2023 22:06

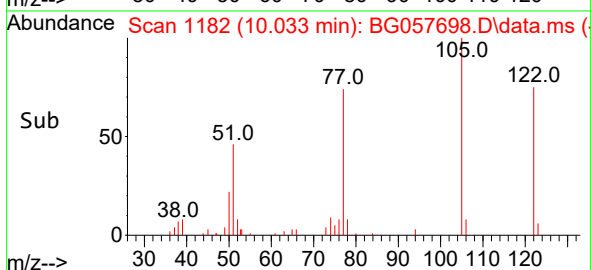
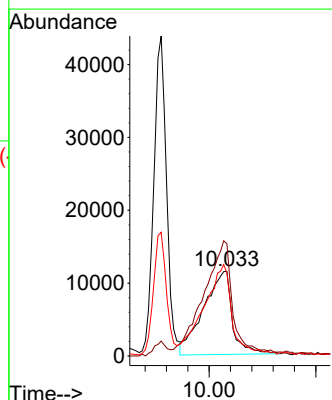
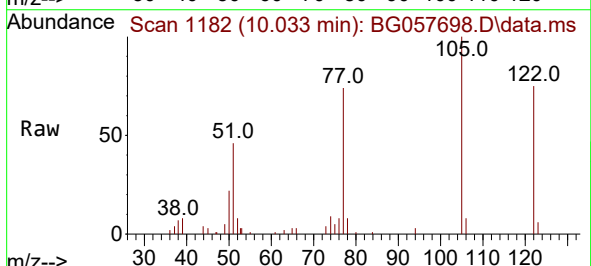
Tgt Ion:122 Resp: 43001

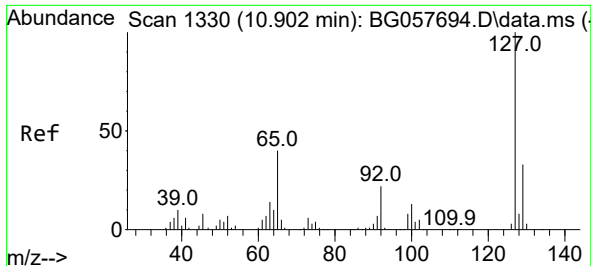
Ion Ratio Lower Upper

122 100

105 132.5 113.8 153.8

77 97.8 81.0 121.0

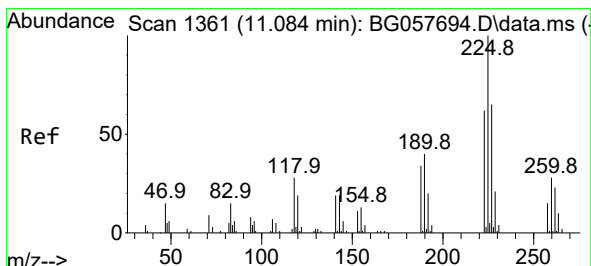
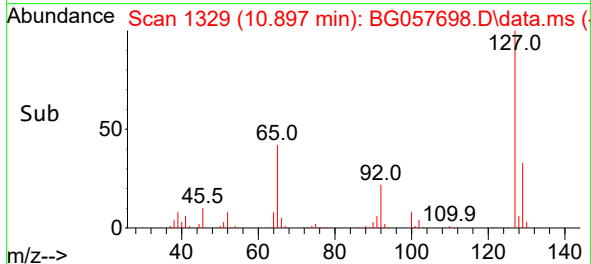
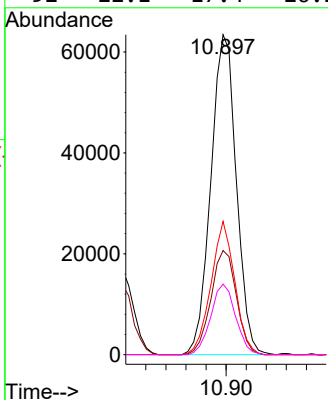
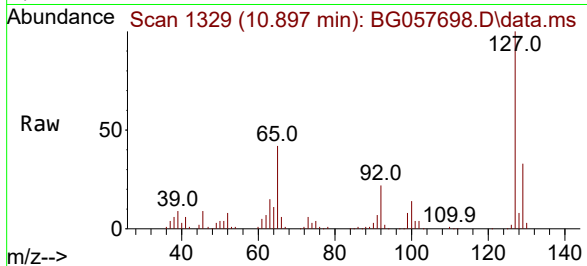




#33
4-Chloroaniline
Concen: 40.097 ng
RT: 10.897 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

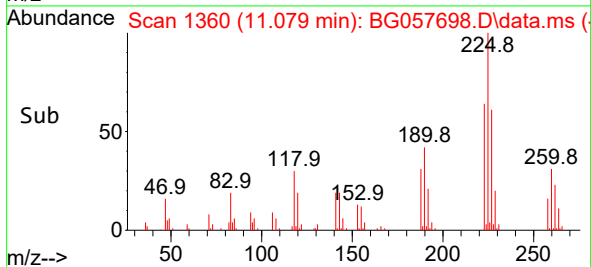
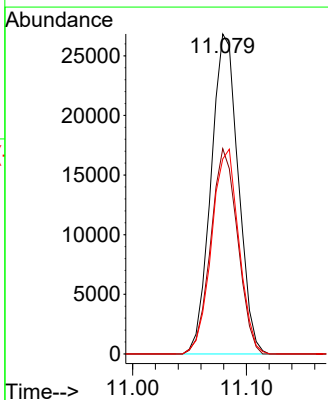
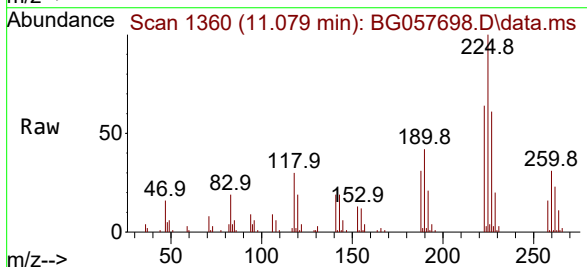
Instrument :
BNA_G
ClientSampleId :
ICVBG061323

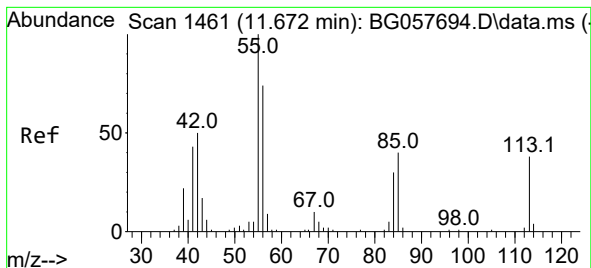
Tgt Ion:	127	Resp:	111658
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.6	39.8
65	41.7	31.7	47.5
92	22.1	17.4	26.2



#34
Hexachlorobutadiene
Concen: 37.414 ng
RT: 11.079 min Scan# 1360
Delta R.T. -0.005 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

Tgt Ion:	225	Resp:	44681
Ion	Ratio	Lower	Upper
225	100		
223	64.2	52.0	78.0
227	61.0	51.8	77.8

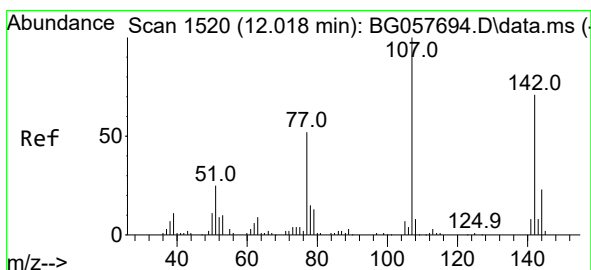
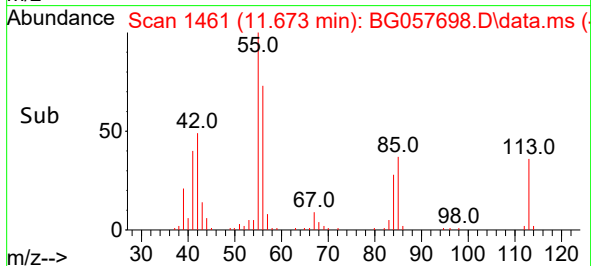
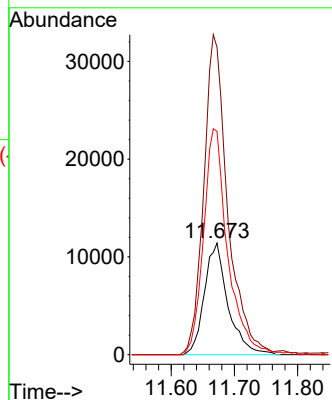
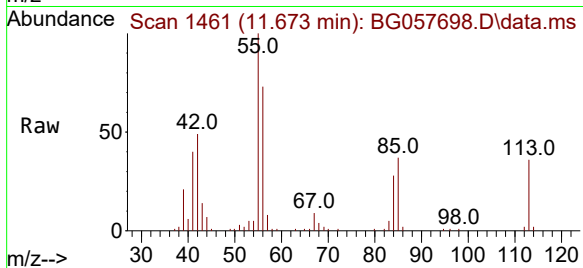




#35
 Caprolactam
 Concen: 49.046 ng
 RT: 11.673 min Scan# 1461
 Delta R.T. 0.001 min
 Lab File: BG057698.D
 Acq: 13 Jun 2023 22:06

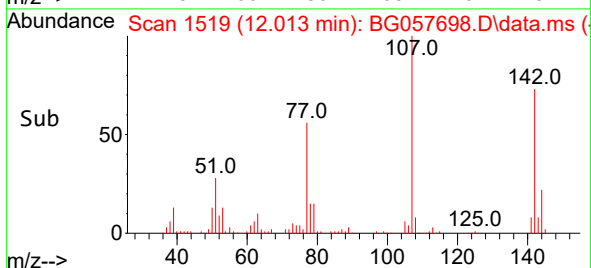
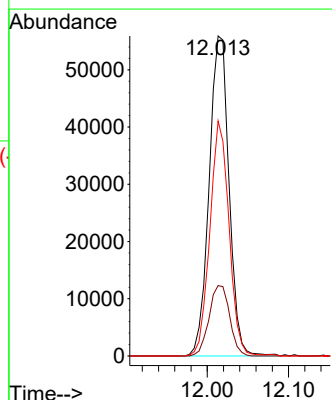
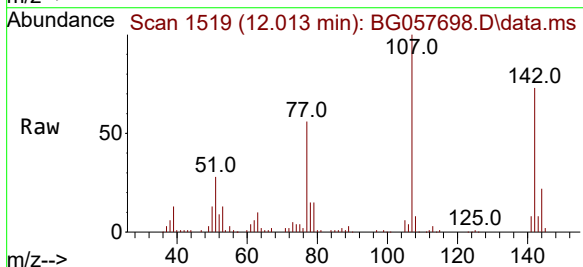
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG061323

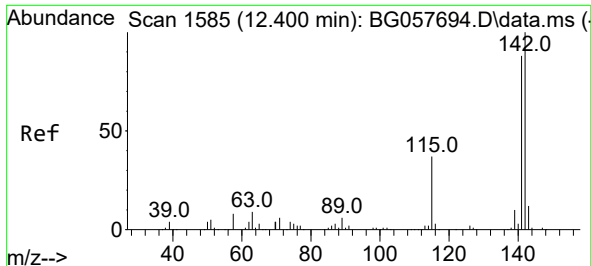
Tgt Ion:113 Resp: 29562
 Ion Ratio Lower Upper
 113 100
 55 275.7 239.9 279.9
 56 200.3 171.9 211.9



#36
 4-Chloro-3-methylphenol
 Concen: 45.926 ng
 RT: 12.013 min Scan# 1519
 Delta R.T. -0.005 min
 Lab File: BG057698.D
 Acq: 13 Jun 2023 22:06

Tgt Ion:107 Resp: 95065
 Ion Ratio Lower Upper
 107 100
 144 22.0 18.7 28.1
 142 73.5 56.7 85.1





#37

2-Methylnaphthalene

Concen: 39.742 ng

RT: 12.401 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG057698.D

Acq: 13 Jun 2023 22:06

Instrument :

BNA_G

ClientSampleId :

ICVBG061323

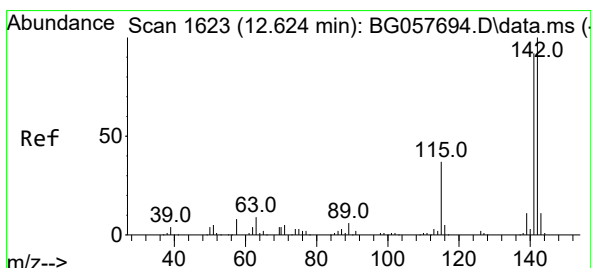
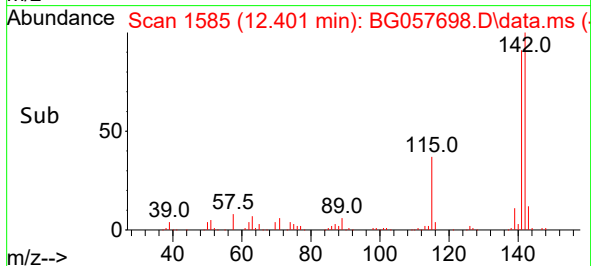
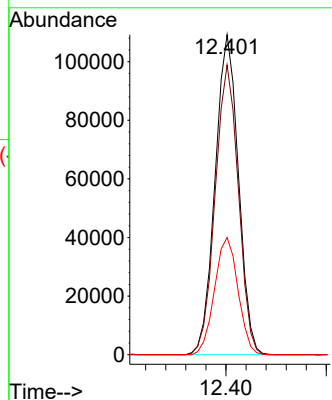
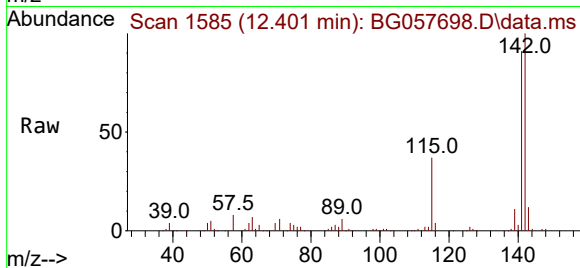
Tgt Ion:142 Resp: 175856

Ion Ratio Lower Upper

142 100

141 90.6 70.6 105.8

115 36.6 29.4 44.0



#38

1-Methylnaphthalene

Concen: 40.092 ng

RT: 12.618 min Scan# 1622

Delta R.T. -0.005 min

Lab File: BG057698.D

Acq: 13 Jun 2023 22:06

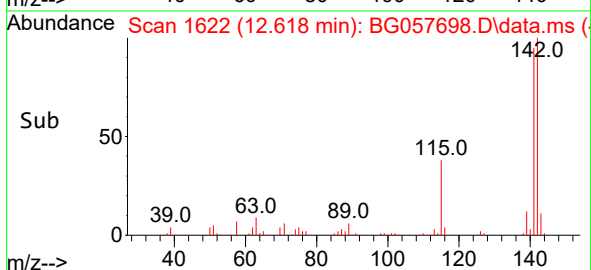
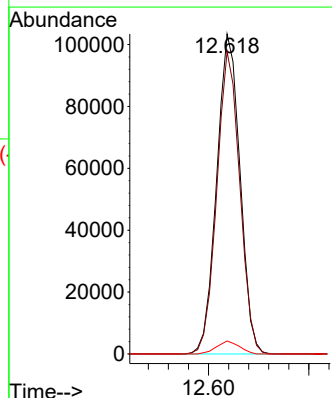
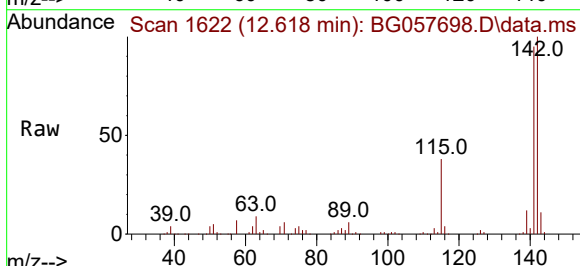
Tgt Ion:142 Resp: 166430

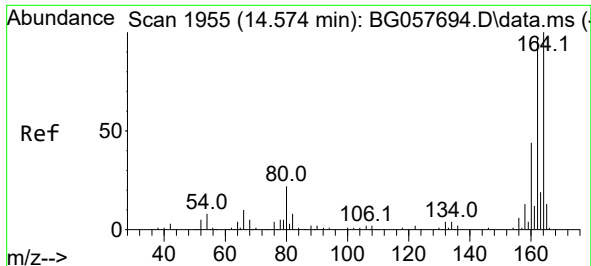
Ion Ratio Lower Upper

142 100

141 94.5 73.4 110.0

116 4.1 3.6 5.4

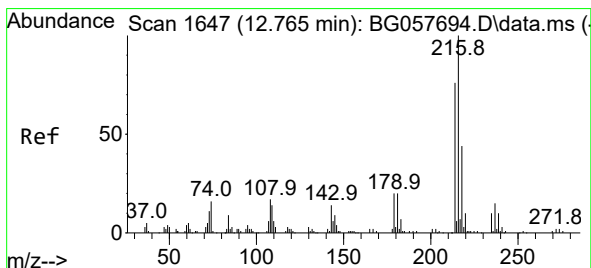
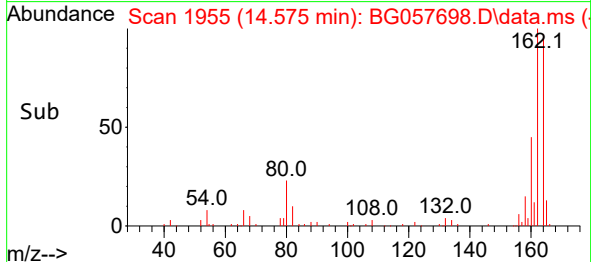
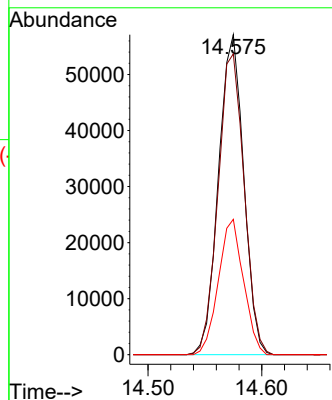
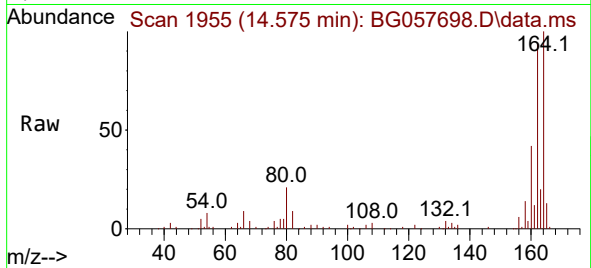




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.575 min Scan# 1955
Delta R.T. 0.001 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

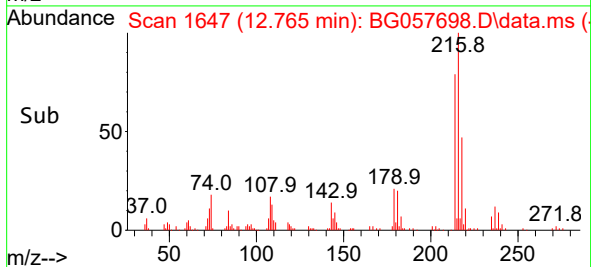
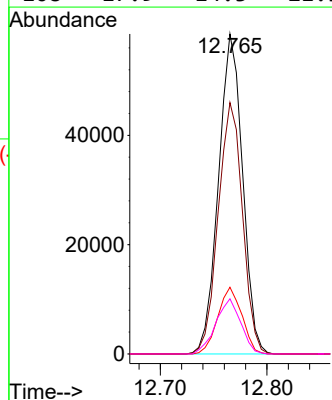
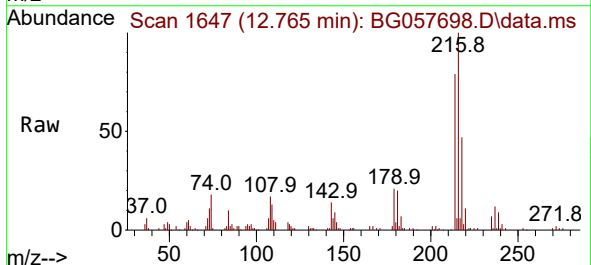
Instrument :
BNA_G
ClientSampleId :
ICVBG061323

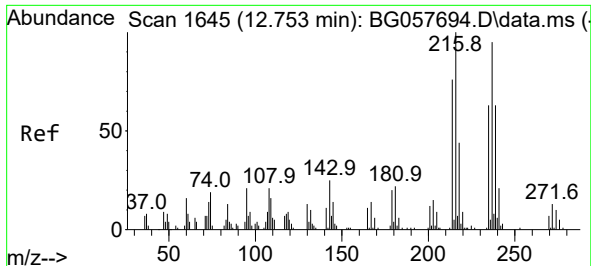
Tgt Ion:164 Resp: 87785
Ion Ratio Lower Upper
164 100
162 94.0 77.7 116.5
160 42.3 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.898 ng
RT: 12.765 min Scan# 1647
Delta R.T. 0.001 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

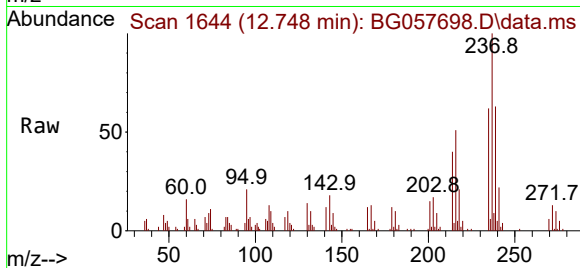
Tgt Ion:216 Resp: 91691
Ion Ratio Lower Upper
216 100
214 79.3 63.7 95.5
179 20.9 16.7 25.1
108 17.9 14.3 21.5



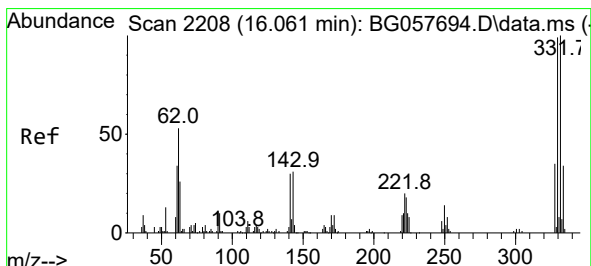
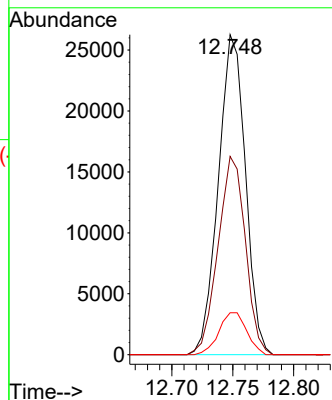
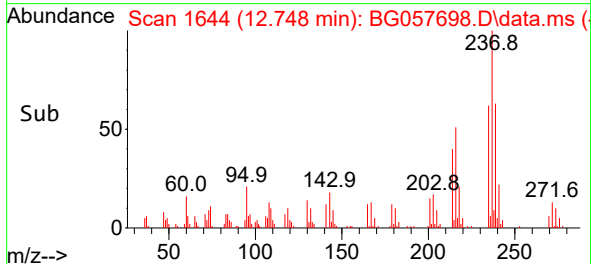


#41
Hexachlorocyclopentadiene
Concen: 42.869 ng
RT: 12.748 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

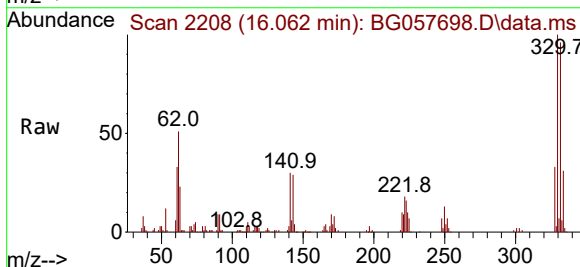
Instrument :
BNA_G
ClientSampleId :
ICVBG061323



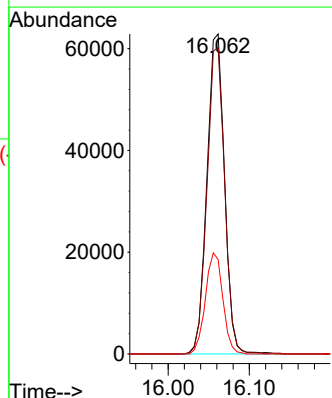
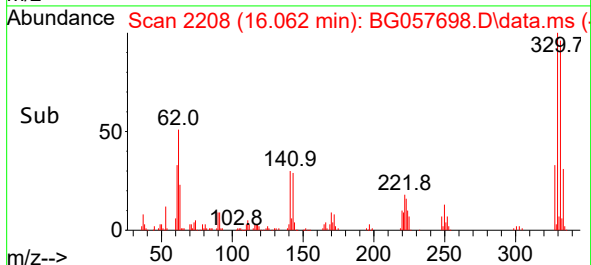
Tgt Ion:237 Resp: 40631
Ion Ratio Lower Upper
237 100
235 61.9 46.7 86.7
272 13.1 0.0 33.8

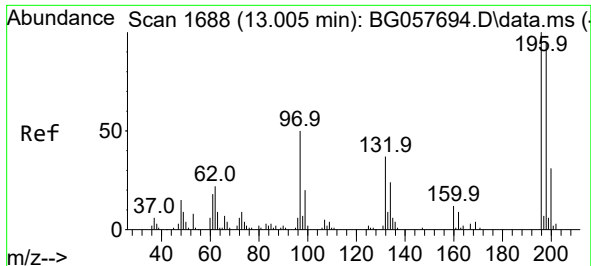


#42
2,4,6-Tribromophenol
Concen: 96.129 ng
RT: 16.062 min Scan# 2208
Delta R.T. 0.001 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06



Tgt Ion:330 Resp: 94147
Ion Ratio Lower Upper
330 100
332 96.4 79.0 118.6
141 31.4 25.0 37.6

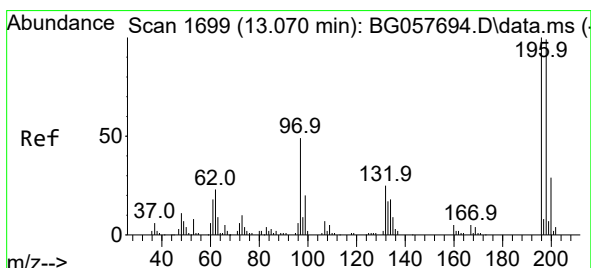
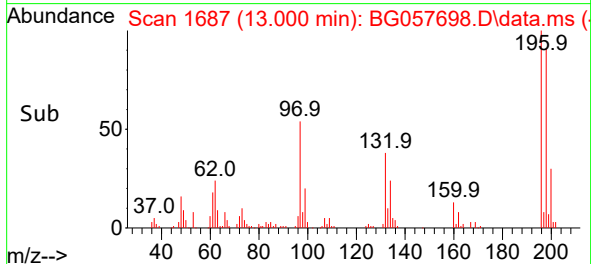
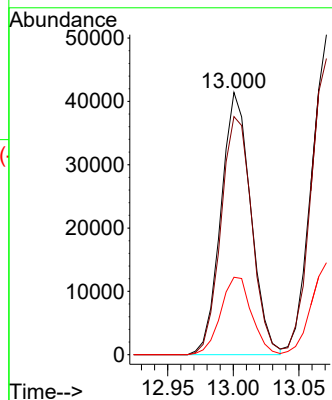
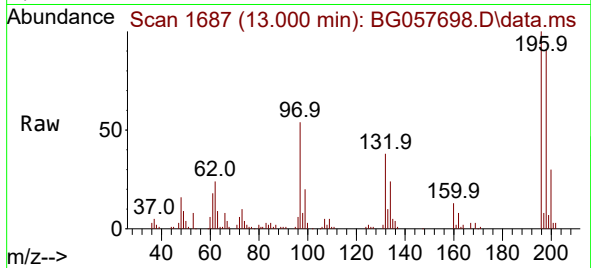




#43
2,4,6-Trichlorophenol
Concen: 41.346 ng
RT: 13.000 min Scan# 1687
Delta R.T. -0.005 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

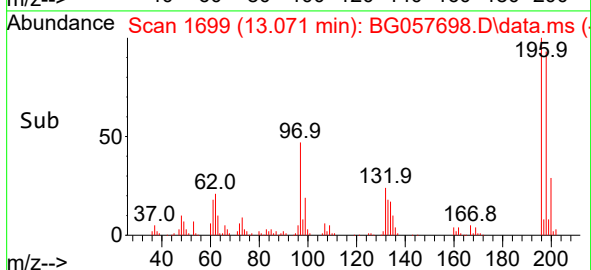
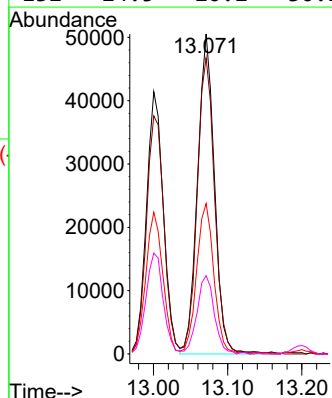
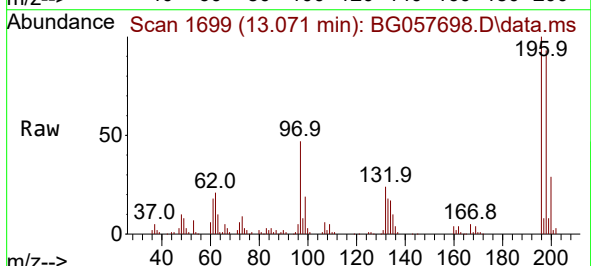
Instrument :
BNA_G
ClientSampleId :
ICVBG061323

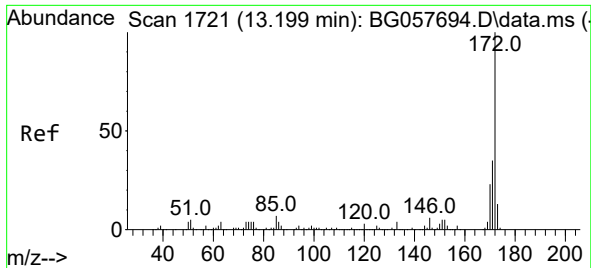
Tgt Ion:196 Resp: 65698
Ion Ratio Lower Upper
196 100
198 90.8 75.8 113.6
200 29.6 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 42.702 ng
RT: 13.071 min Scan# 1699
Delta R.T. 0.001 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

Tgt Ion:196 Resp: 80466
Ion Ratio Lower Upper
196 100
198 92.5 79.2 118.8
97 47.0 39.9 59.9
132 24.5 20.2 30.2

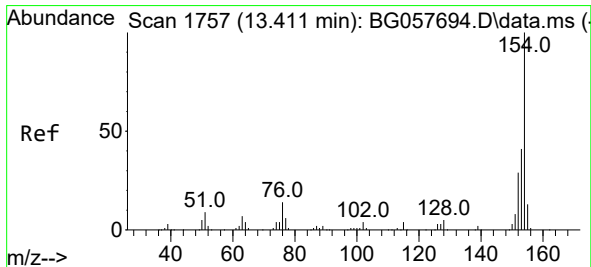
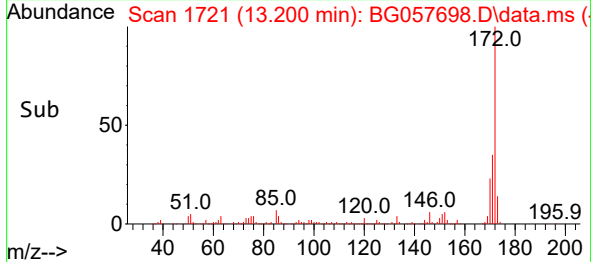
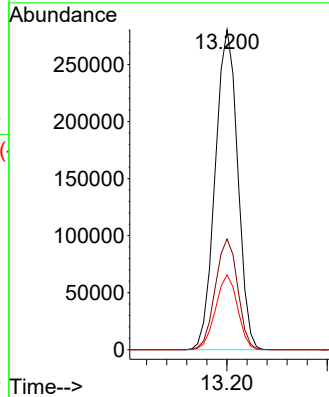
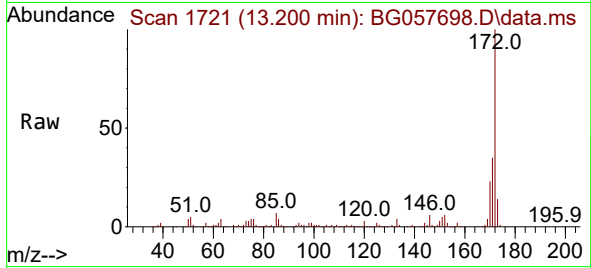




#45
2-Fluorobiphenyl
Concen: 74.022 ng
RT: 13.200 min Scan# 1721
Delta R.T. 0.001 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

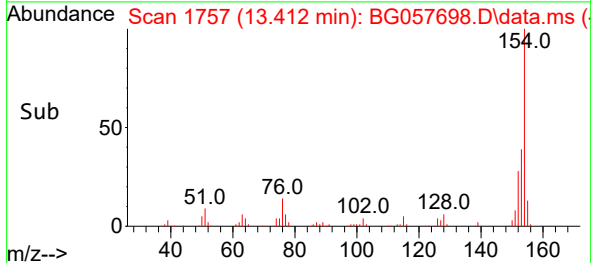
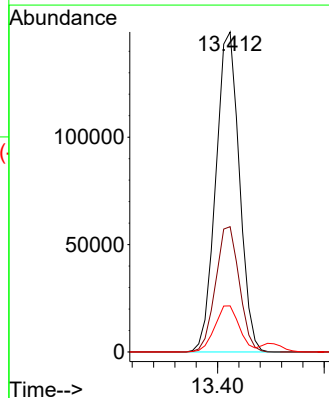
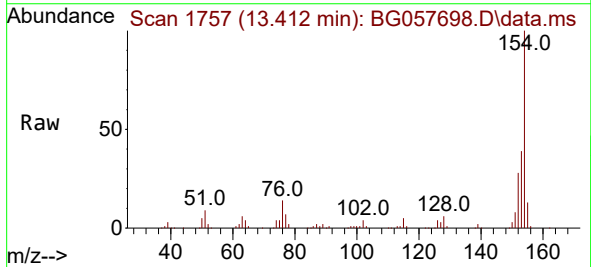
Instrument :
BNA_G
ClientSampleId :
ICVBG061323

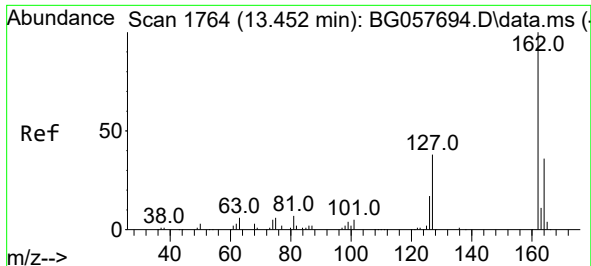
Tgt Ion:172 Resp: 435931
Ion Ratio Lower Upper
172 100
171 34.6 27.9 41.9
170 23.4 18.2 27.4



#46
1,1'-Biphenyl
Concen: 37.539 ng
RT: 13.412 min Scan# 1757
Delta R.T. 0.001 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

Tgt Ion:154 Resp: 227686
Ion Ratio Lower Upper
154 100
153 39.1 21.0 61.0
76 14.4 0.0 33.9

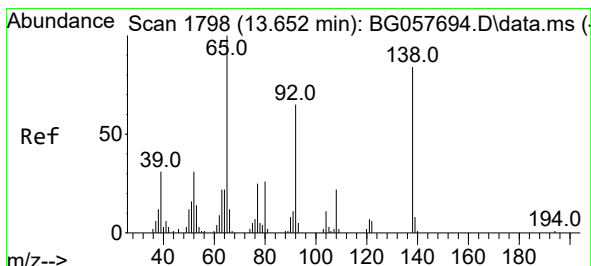
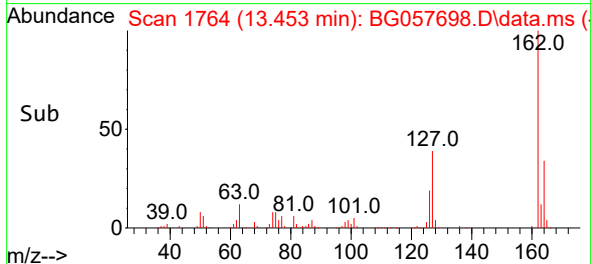
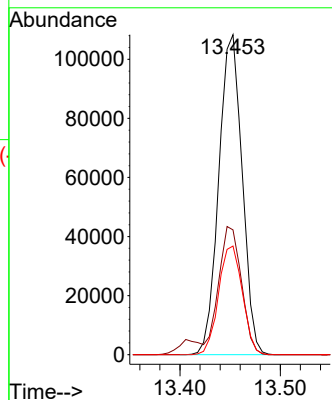
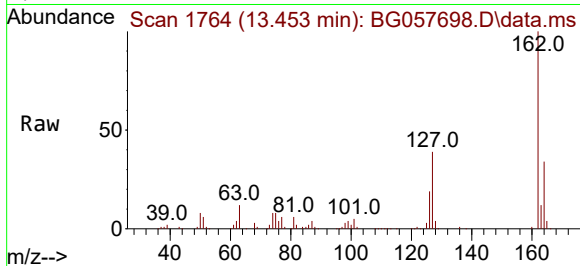




#47
2-Chloronaphthalene
Concen: 38.161 ng
RT: 13.453 min Scan# 1764
Delta R.T. 0.001 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

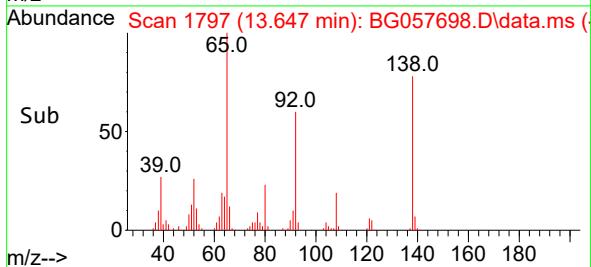
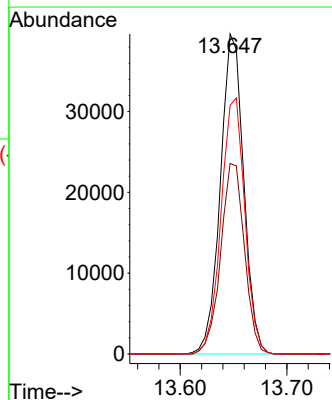
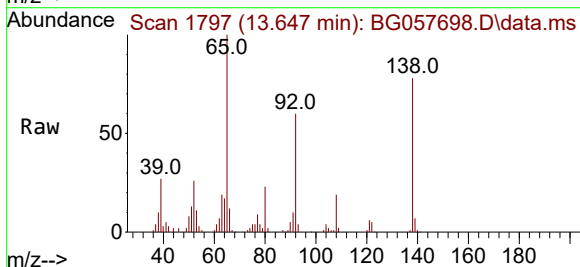
Instrument :
BNA_G
ClientSampleId :
ICVBG061323

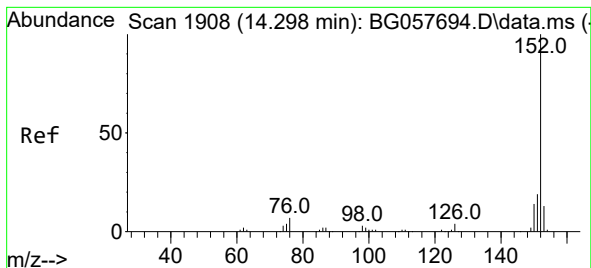
Tgt Ion:162 Resp: 174940
Ion Ratio Lower Upper
162 100
127 39.0 32.6 49.0
164 33.9 29.0 43.4



#48
2-Nitroaniline
Concen: 48.625 ng
RT: 13.647 min Scan# 1797
Delta R.T. -0.005 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

Tgt Ion: 65 Resp: 60127
Ion Ratio Lower Upper
65 100
92 59.5 52.2 78.4
138 77.7 67.0 100.4





#49

Acenaphthylene

Concen: 38.760 ng

RT: 14.299 min Scan# 1908

Delta R.T. 0.001 min

Lab File: BG057698.D

Acq: 13 Jun 2023 22:06

Instrument :

BNA_G

ClientSampleId :

ICVBG061323

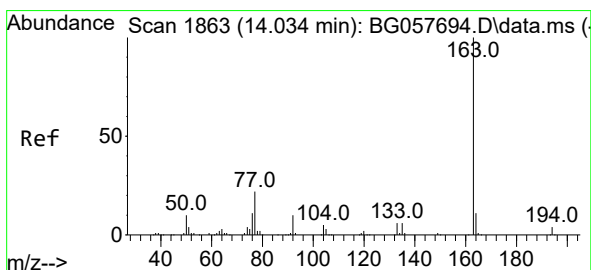
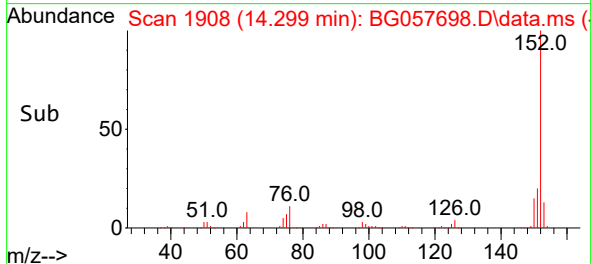
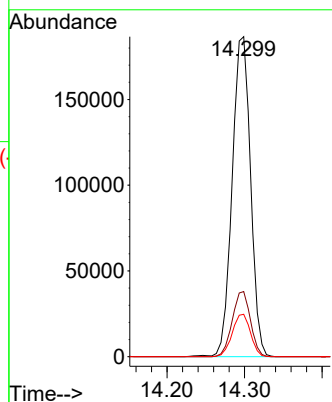
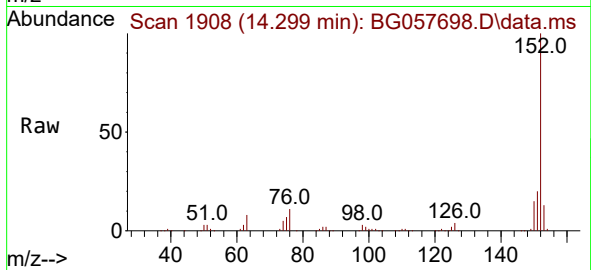
Tgt Ion:152 Resp: 308143

Ion Ratio Lower Upper

152 100

151 20.3 15.4 23.0

153 13.2 10.5 15.7



#50

Dimethylphthalate

Concen: 41.513 ng

RT: 14.034 min Scan# 1863

Delta R.T. 0.000 min

Lab File: BG057698.D

Acq: 13 Jun 2023 22:06

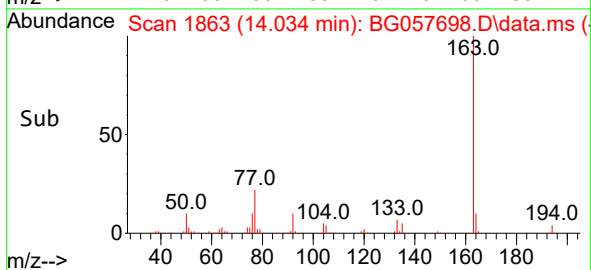
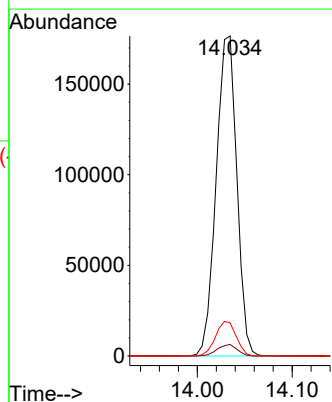
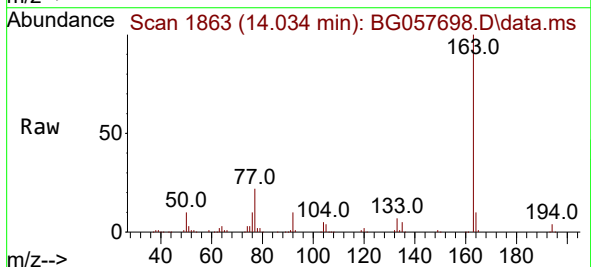
Tgt Ion:163 Resp: 267200

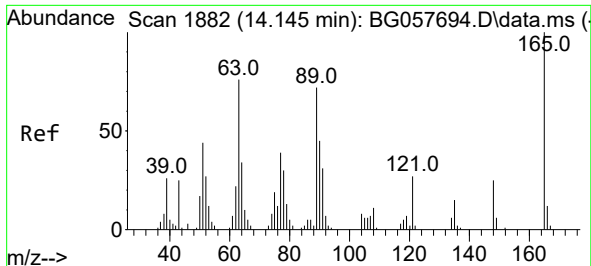
Ion Ratio Lower Upper

163 100

194 3.6 3.1 4.7

164 10.4 8.4 12.6

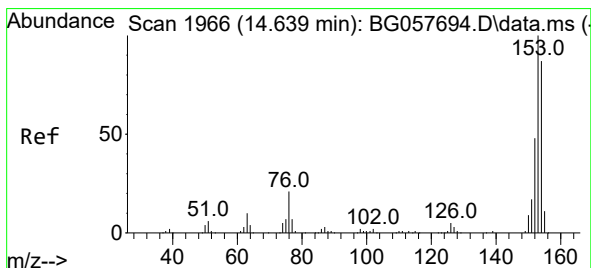
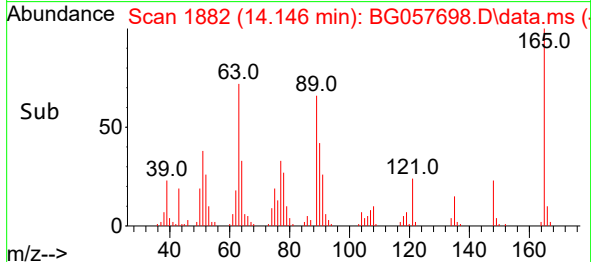
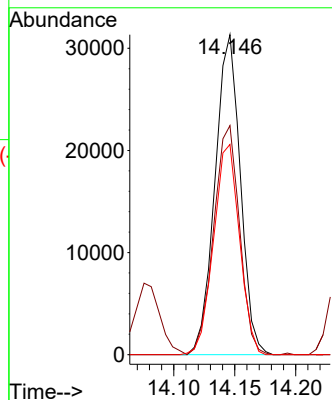
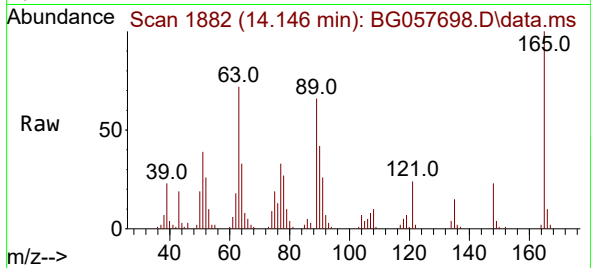




#51
2,6-Dinitrotoluene
Concen: 48.134 ng
RT: 14.146 min Scan# 1882
Delta R.T. 0.001 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

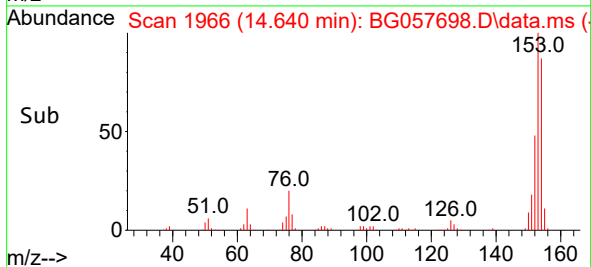
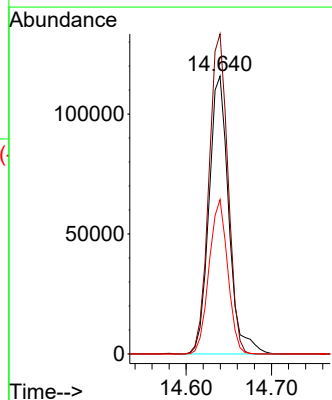
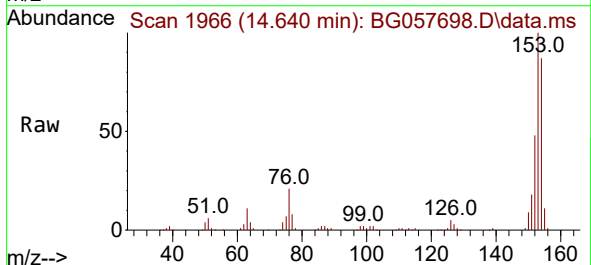
Instrument :
BNA_G
ClientSampleId :
ICVBG061323

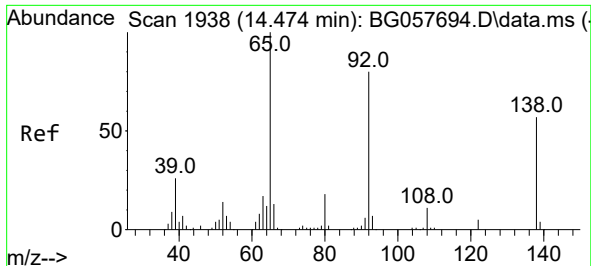
Tgt Ion:165 Resp: 45221
Ion Ratio Lower Upper
165 100
63 71.6 62.3 93.5
89 65.7 57.4 86.0



#52
Acenaphthene
Concen: 39.187 ng
RT: 14.640 min Scan# 1966
Delta R.T. 0.001 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

Tgt Ion:154 Resp: 186743
Ion Ratio Lower Upper
154 100
153 115.2 91.4 137.2
152 55.6 43.5 65.3

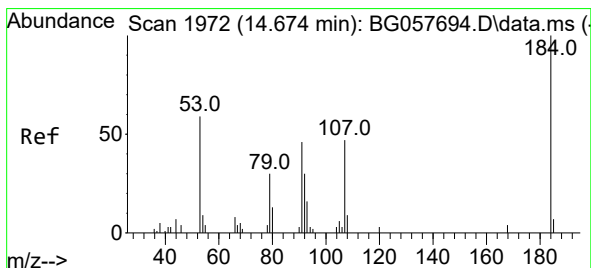
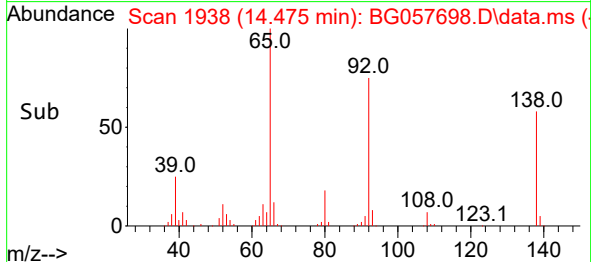
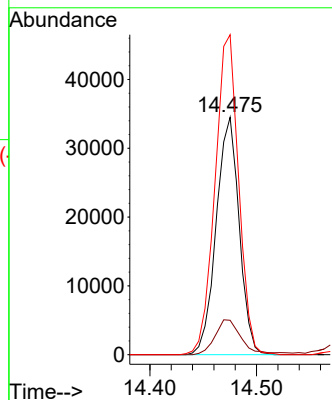
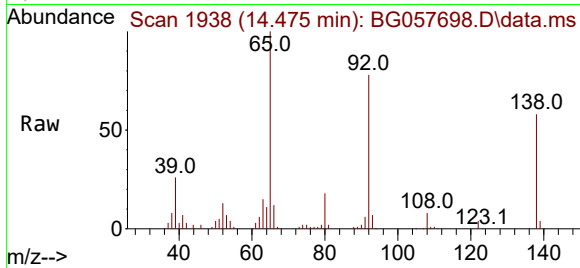




#53
3-Nitroaniline
Concen: 47.016 ng
RT: 14.475 min Scan# 1938
Delta R.T. 0.001 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

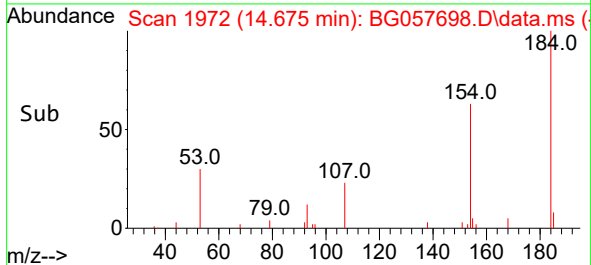
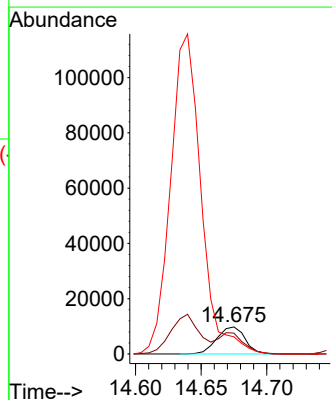
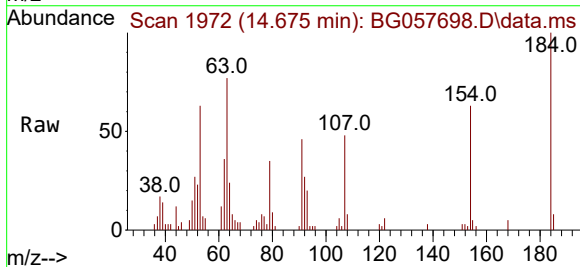
Instrument :
BNA_G
ClientSampleId :
ICVBG061323

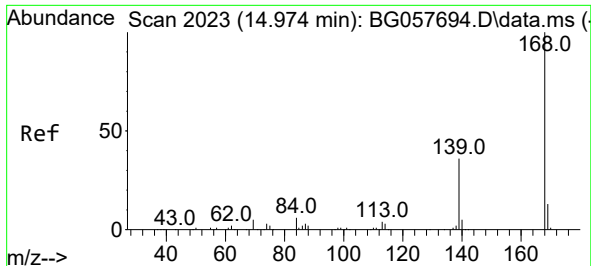
Tgt Ion:138 Resp: 51556
Ion Ratio Lower Upper
138 100
108 14.5 15.8 23.8#
92 134.8 112.2 168.2



#54
2,4-Dinitrophenol
Concen: 49.130 ng
RT: 14.675 min Scan# 1972
Delta R.T. 0.001 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

Tgt Ion:184 Resp: 14569
Ion Ratio Lower Upper
184 100
63 76.6 59.0 88.6
154 62.9 47.5 71.3

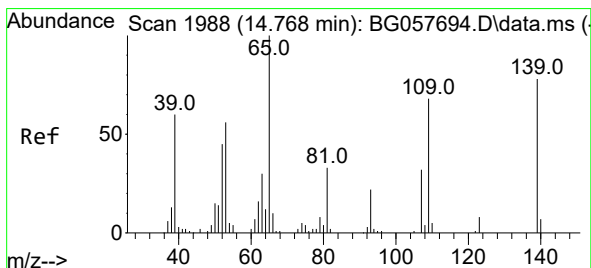
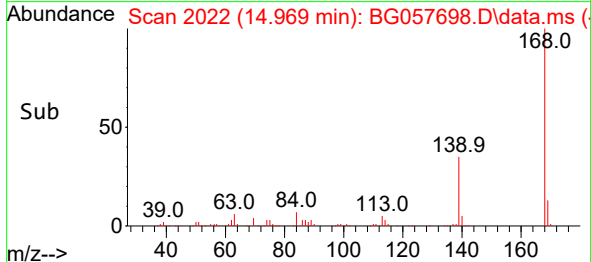
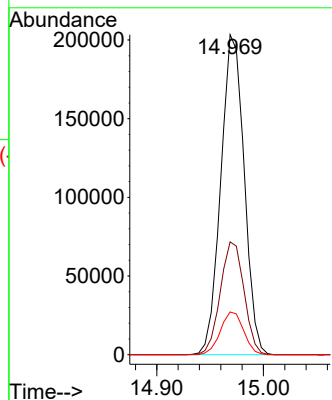
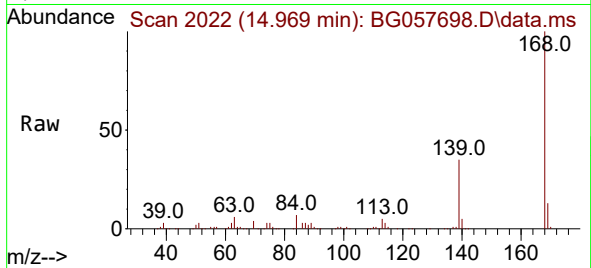




#55
Dibenzofuran
Concen: 38.682 ng
RT: 14.969 min Scan# 20
Delta R.T. -0.005 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

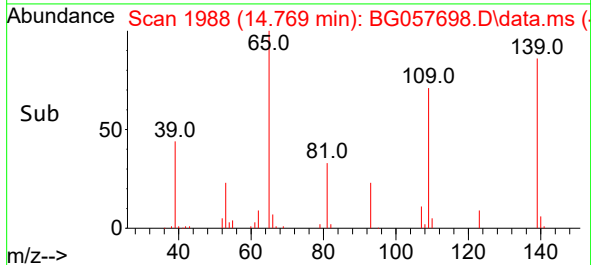
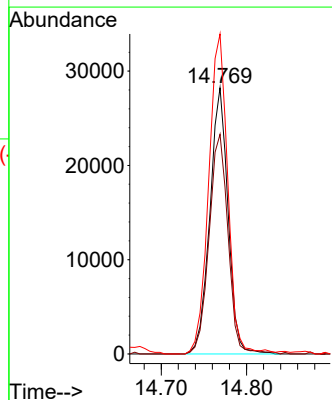
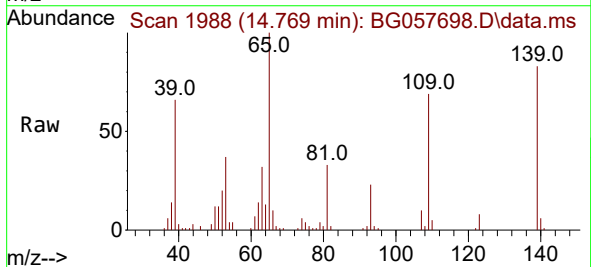
Instrument :
BNA_G
ClientSampleId :
ICVBG061323

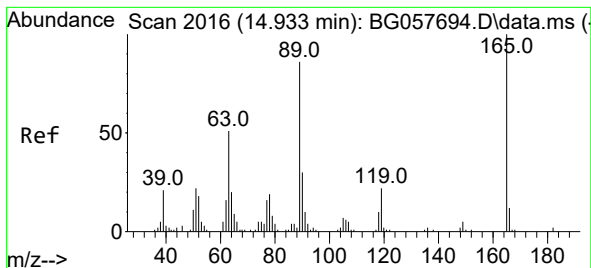
Tgt Ion:168 Resp: 309417
Ion Ratio Lower Upper
168 100
139 35.3 28.7 43.1
169 13.3 10.4 15.6



#56
4-Nitrophenol
Concen: 48.469 ng
RT: 14.769 min Scan# 1988
Delta R.T. 0.001 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

Tgt Ion:139 Resp: 41924
Ion Ratio Lower Upper
139 100
109 82.5 67.3 107.3
65 120.2 108.3 148.3

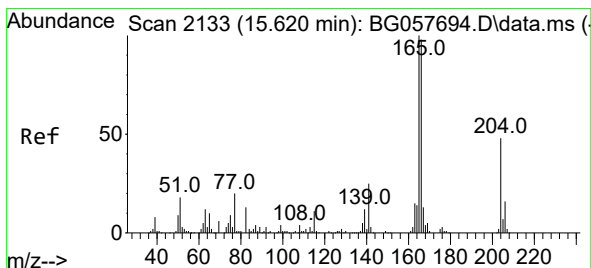
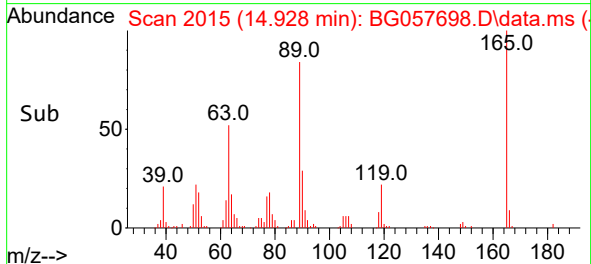
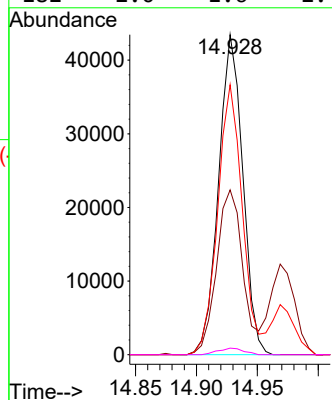
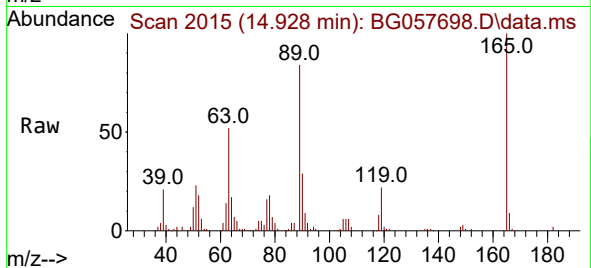




#57
2,4-Dinitrotoluene
Concen: 48.927 ng
RT: 14.928 min Scan# 2015
Delta R.T. -0.005 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

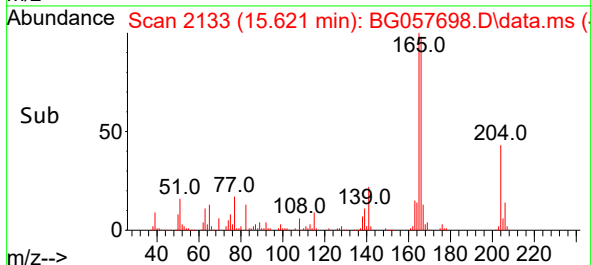
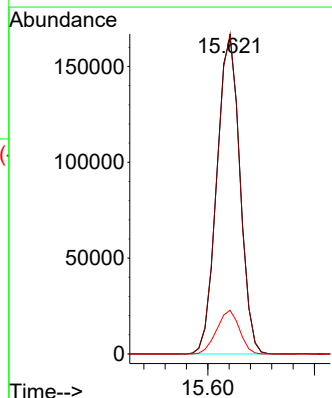
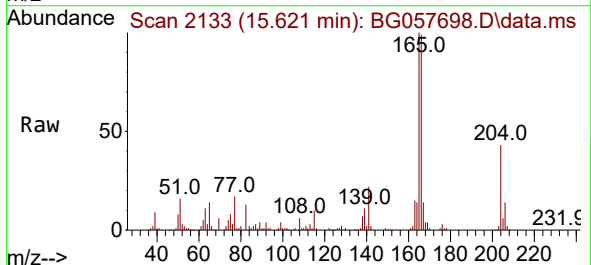
Instrument :
BNA_G
ClientSampleId :
ICVBG061323

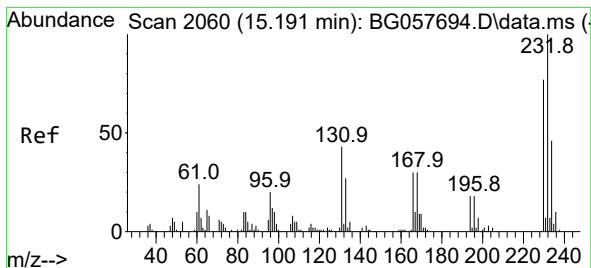
Tgt Ion:165 Resp: 60142
Ion Ratio Lower Upper
165 100
63 51.5 40.8 61.2
89 84.3 68.5 102.7
182 2.0 1.6 2.4



#58
Fluorene
Concen: 39.099 ng
RT: 15.621 min Scan# 2133
Delta R.T. 0.001 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

Tgt Ion:166 Resp: 249144
Ion Ratio Lower Upper
166 100
165 101.0 81.6 122.4
167 13.8 10.5 15.7

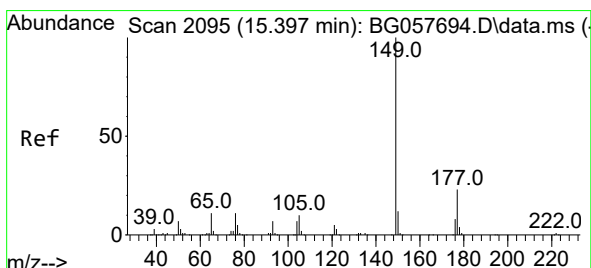
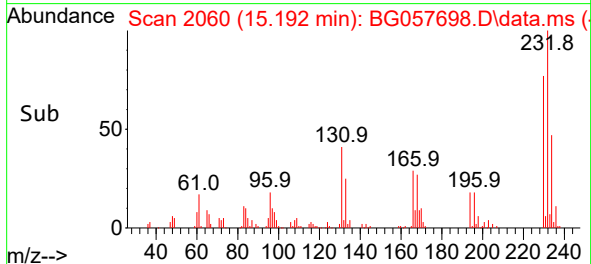
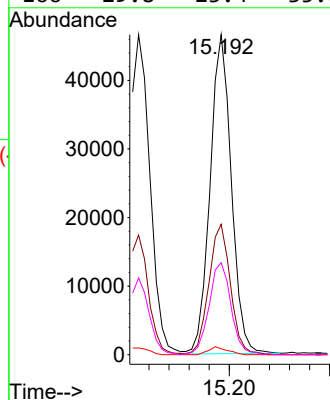
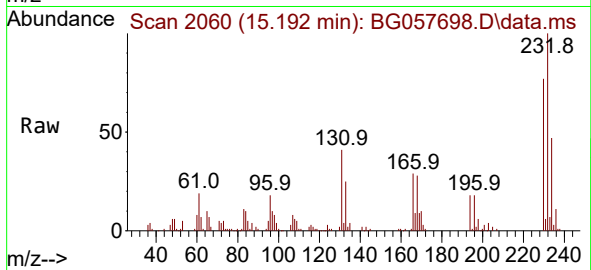




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.558 ng
RT: 15.192 min Scan# 2060
Delta R.T. 0.001 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

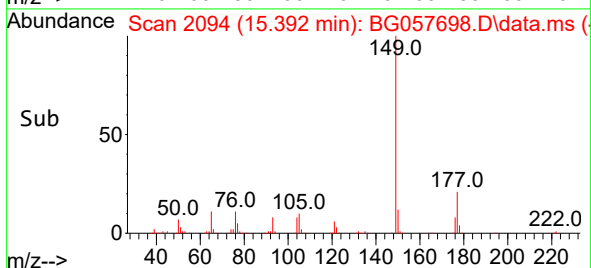
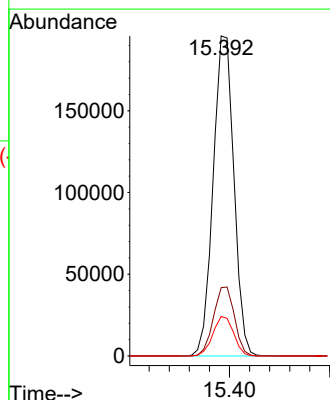
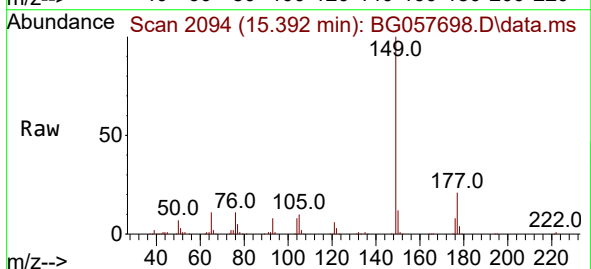
Instrument :
BNA_G
ClientSampleId :
ICVBG061323

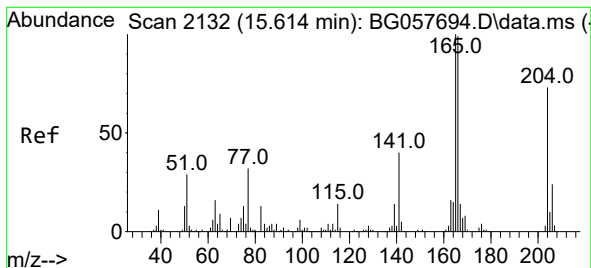
Tgt Ion:232 Resp: 68514
Ion Ratio Lower Upper
232 100
131 41.5 32.6 49.0
130 2.2 1.6 2.4
166 29.8 23.4 35.0



#60
Diethylphthalate
Concen: 42.325 ng
RT: 15.392 min Scan# 2094
Delta R.T. -0.005 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

Tgt Ion:149 Resp: 281218
Ion Ratio Lower Upper
149 100
177 21.3 18.2 27.2
150 12.3 9.6 14.4

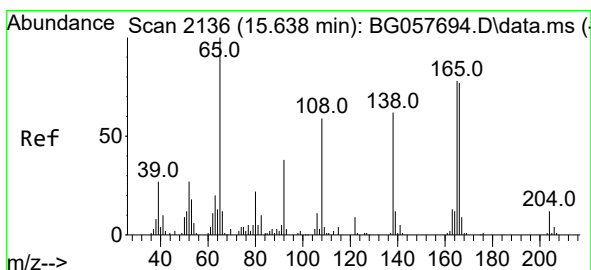
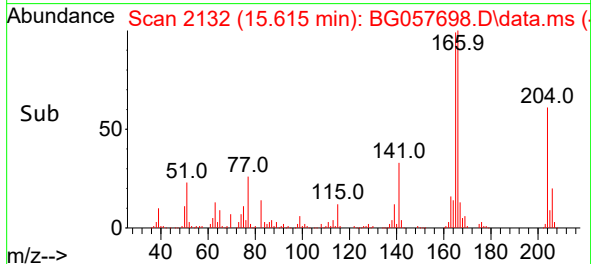
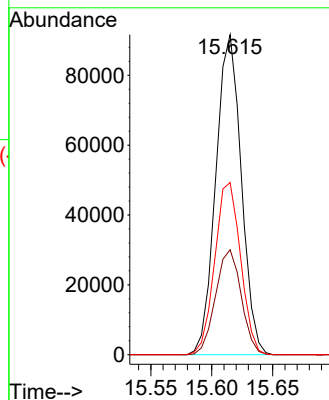
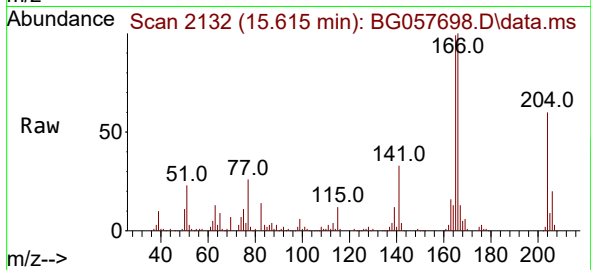




#61
4-Chlorophenyl-phenylether
Concen: 39.009 ng
RT: 15.615 min Scan# 2132
Delta R.T. 0.001 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

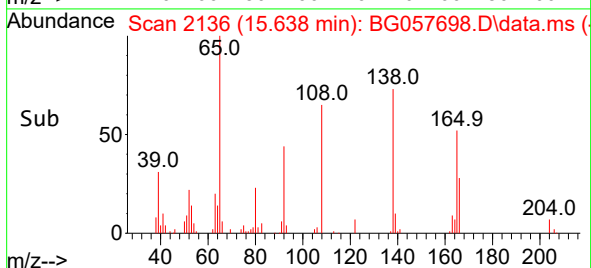
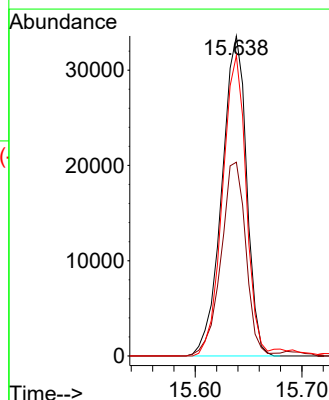
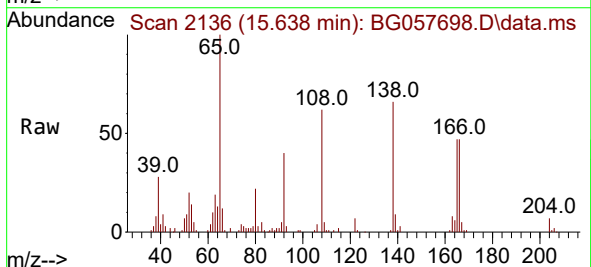
Instrument :
BNA_G
ClientSampleId :
ICVBG061323

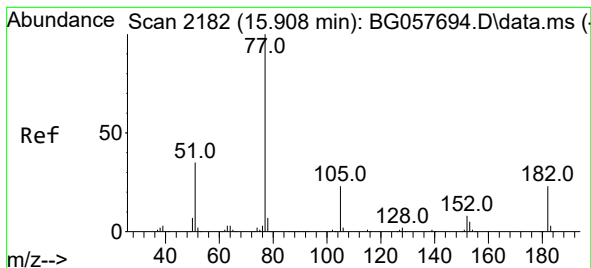
Tgt Ion:204 Resp: 133167
Ion Ratio Lower Upper
204 100
206 32.8 26.6 39.8
141 53.8 43.8 65.6



#62
4-Nitroaniline
Concen: 44.686 ng
RT: 15.638 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

Tgt Ion:138 Resp: 54156
Ion Ratio Lower Upper
138 100
92 60.5 41.6 81.6
108 93.9 74.8 114.8





#63

Azobenzene

Concen: 39.273 ng

RT: 15.909 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG057698.D

Acq: 13 Jun 2023 22:06

Instrument :

BNA_G

ClientSampleId :

ICVBG061323

Tgt Ion: 77 Resp: 280569

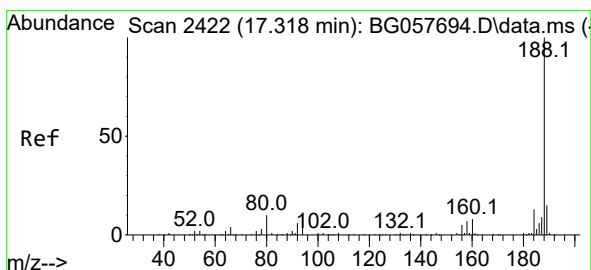
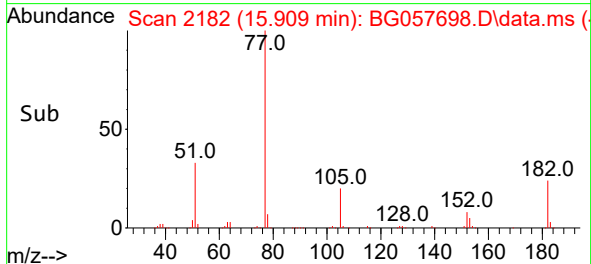
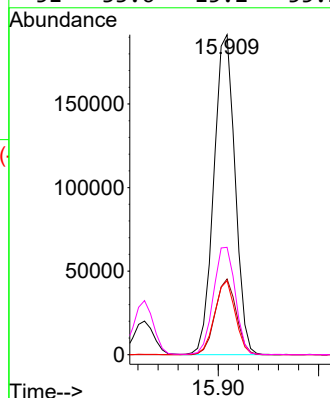
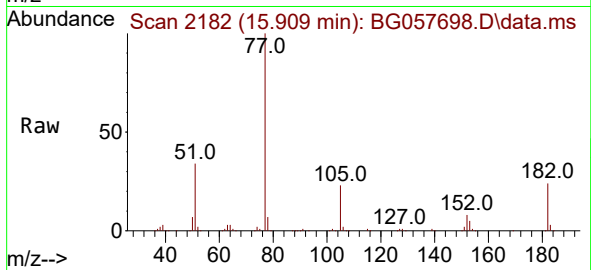
Ion Ratio Lower Upper

77 100

182 23.7 3.2 43.2

105 23.1 3.3 43.3

51 33.6 15.2 55.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.313 min Scan# 2421

Delta R.T. -0.005 min

Lab File: BG057698.D

Acq: 13 Jun 2023 22:06

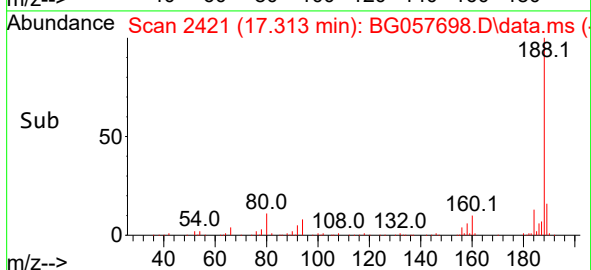
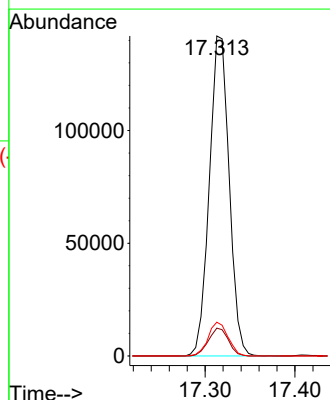
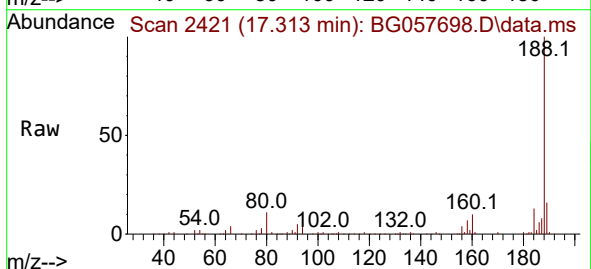
Tgt Ion:188 Resp: 217735

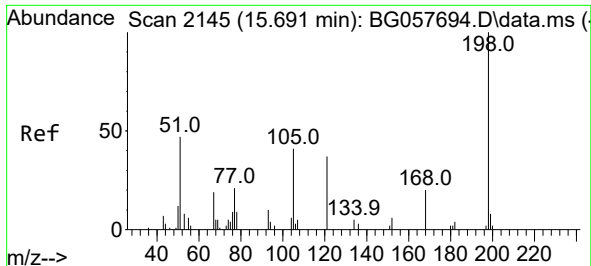
Ion Ratio Lower Upper

188 100

94 8.7 6.9 10.3

80 10.5 8.2 12.4

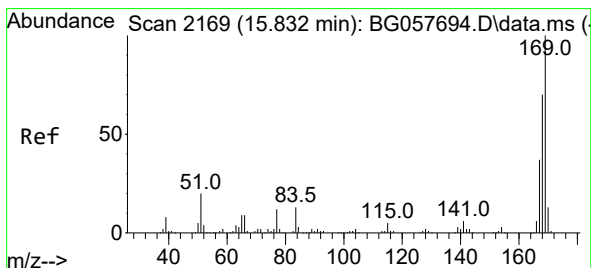
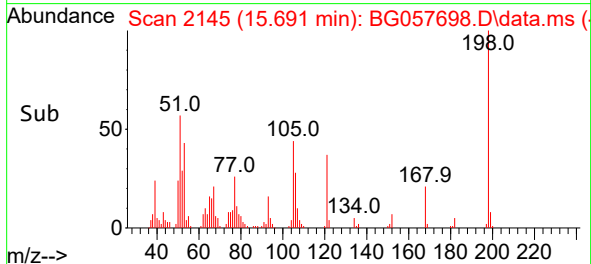
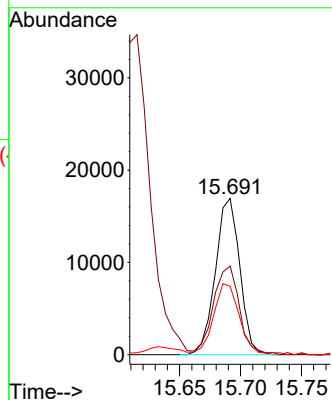
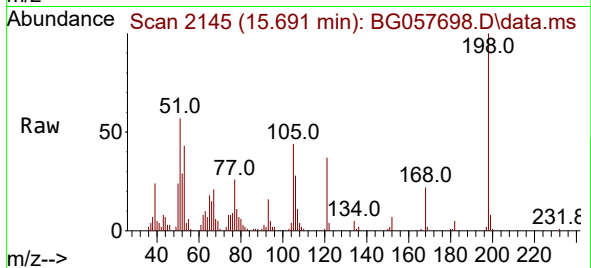




#65
4,6-Dinitro-2-methylphenol
Concen: 47.932 ng
RT: 15.691 min Scan# 2145
Delta R.T. 0.000 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

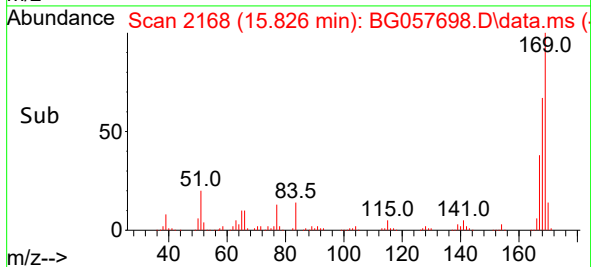
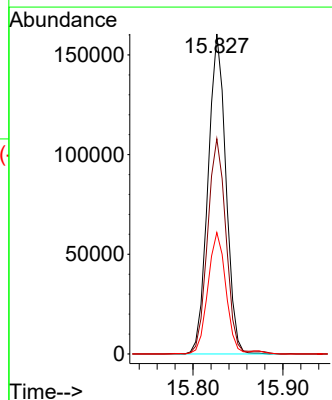
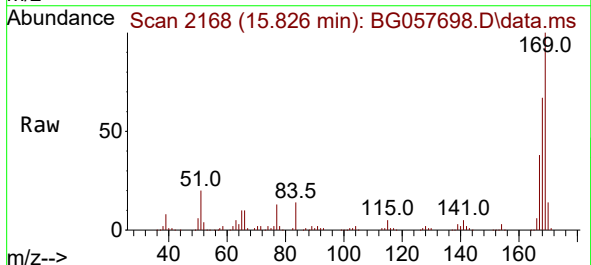
Instrument :
BNA_G
ClientSampleId :
ICVBG061323

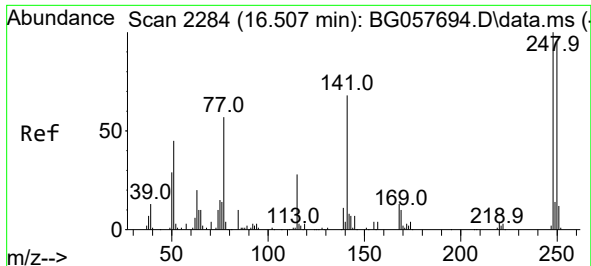
Tgt Ion:198 Resp: 23518
Ion Ratio Lower Upper
198 100
51 56.7 42.0 82.0
105 43.7 30.9 70.9



#66
n-Nitrosodiphenylamine
Concen: 38.957 ng
RT: 15.826 min Scan# 2168
Delta R.T. -0.005 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

Tgt Ion:169 Resp: 221736
Ion Ratio Lower Upper
169 100
168 67.2 55.8 83.6
167 37.9 30.1 45.1

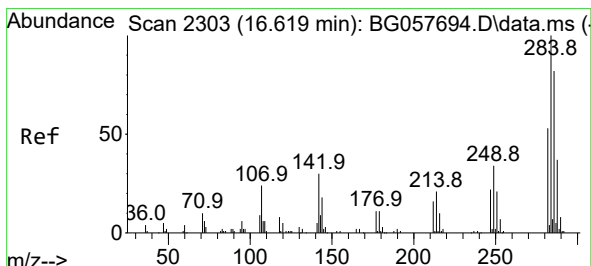
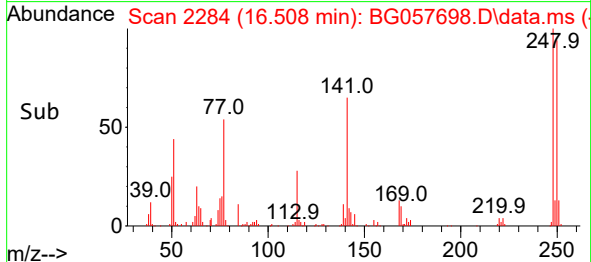
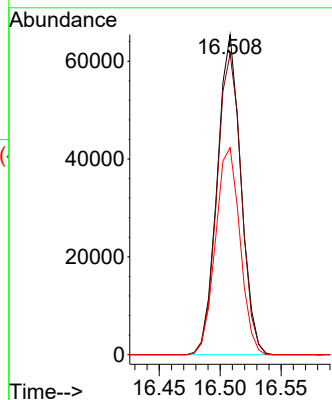
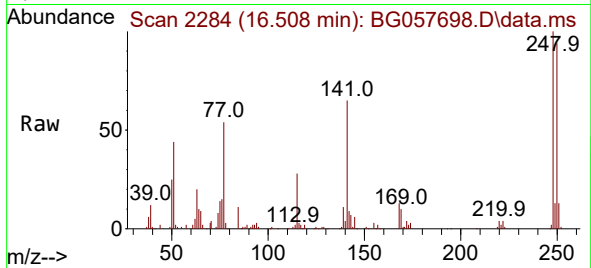




#67
4-Bromophenyl-phenylether
Concen: 39.929 ng
RT: 16.508 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

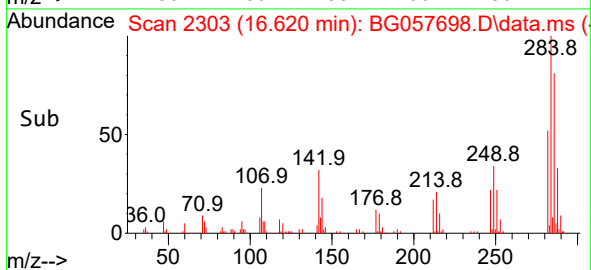
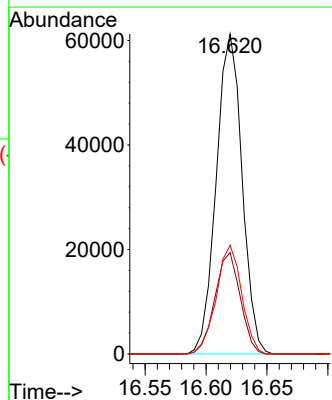
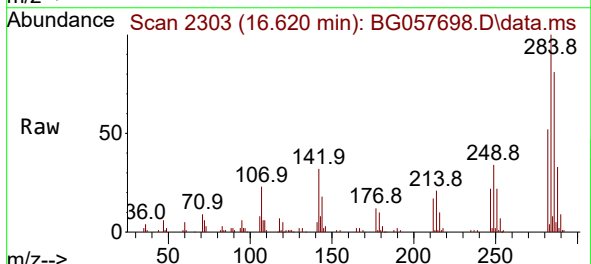
Instrument :
BNA_G
ClientSampleId :
ICVBG061323

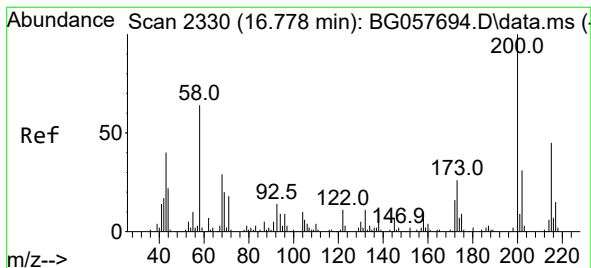
Tgt Ion:248 Resp: 88526
Ion Ratio Lower Upper
248 100
250 94.0 76.3 114.5
141 64.7 54.6 82.0



#68
Hexachlorobenzene
Concen: 38.945 ng
RT: 16.620 min Scan# 2303
Delta R.T. 0.001 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

Tgt Ion:284 Resp: 90235
Ion Ratio Lower Upper
284 100
142 31.6 24.1 36.1
249 34.0 26.8 40.2





#69

Atrazine

Concen: 41.016 ng

RT: 16.772 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG057698.D

Acq: 13 Jun 2023 22:06

Instrument :

BNA_G

ClientSampleId :

ICVBG061323

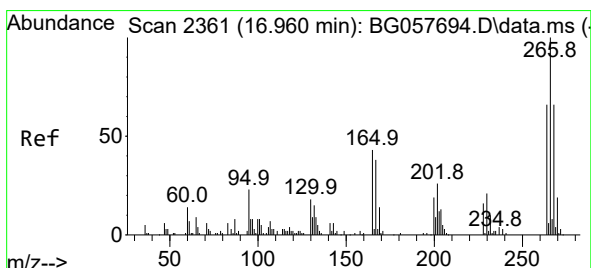
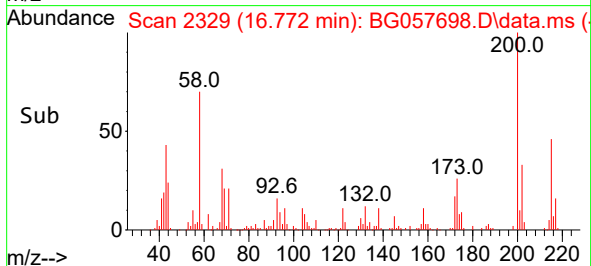
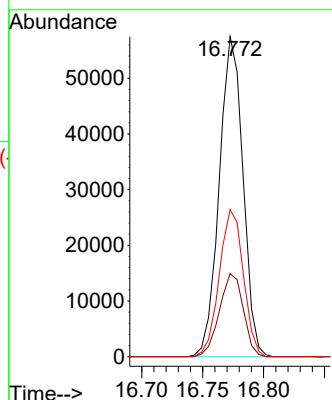
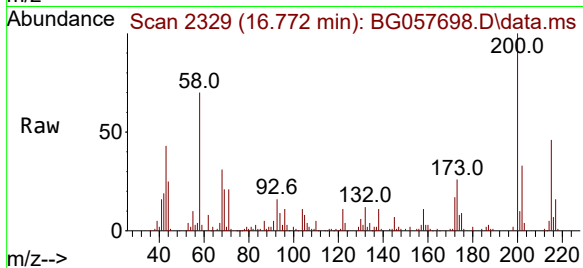
Tgt Ion:200 Resp: 77673

Ion Ratio Lower Upper

200 100

173 25.9 6.3 46.3

215 46.0 25.4 65.4



#70

Pentachlorophenol

Concen: 46.804 ng

RT: 16.960 min Scan# 2361

Delta R.T. 0.000 min

Lab File: BG057698.D

Acq: 13 Jun 2023 22:06

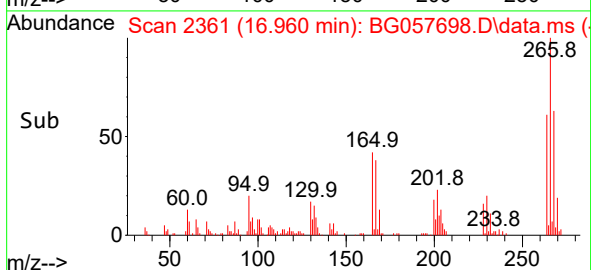
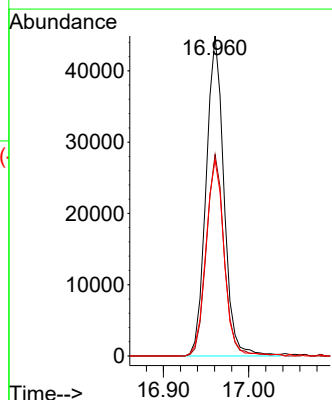
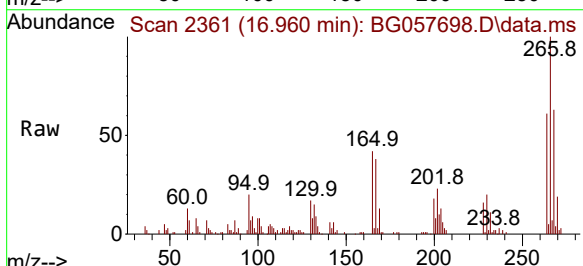
Tgt Ion:266 Resp: 65105

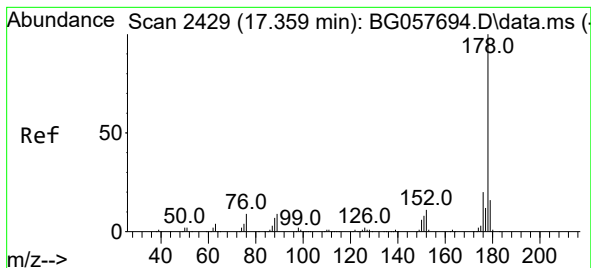
Ion Ratio Lower Upper

266 100

268 63.0 53.0 79.6

264 61.2 52.4 78.6





#71

Phenanthrene

Concen: 37.954 ng

RT: 17.360 min Scan# 2429

Delta R.T. 0.001 min

Lab File: BG057698.D

Acq: 13 Jun 2023 22:06

Instrument :

BNA_G

ClientSampleId :

ICVBG061323

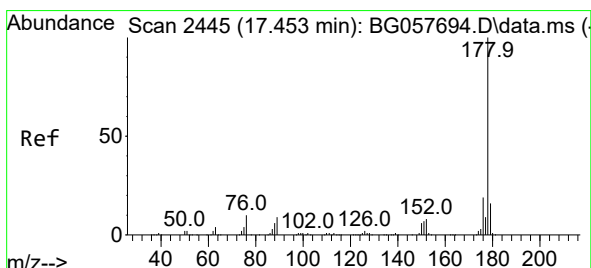
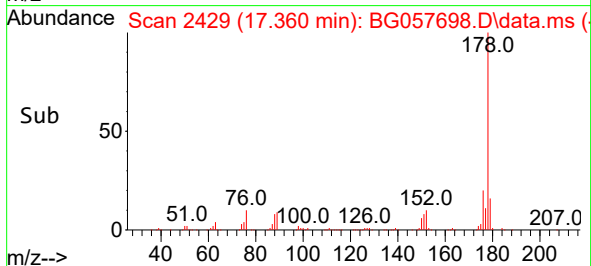
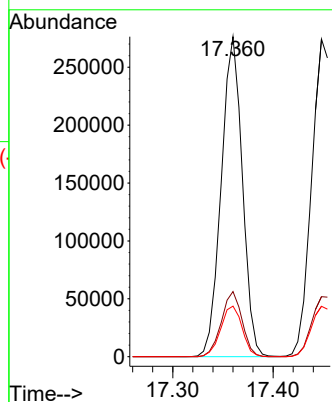
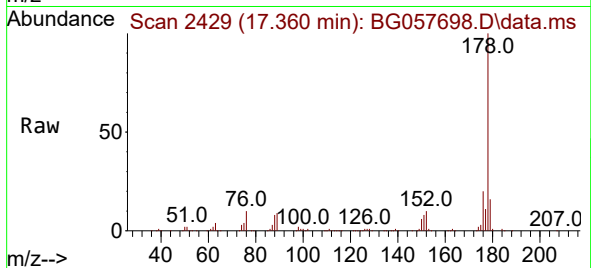
Tgt Ion:178 Resp: 403251

Ion Ratio Lower Upper

178 100

176 20.3 16.2 24.2

179 15.8 13.0 19.6



#72

Anthracene

Concen: 38.739 ng

RT: 17.448 min Scan# 2444

Delta R.T. -0.005 min

Lab File: BG057698.D

Acq: 13 Jun 2023 22:06

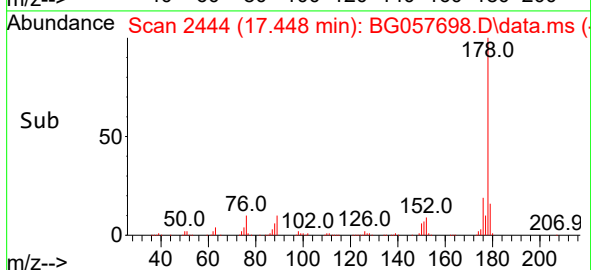
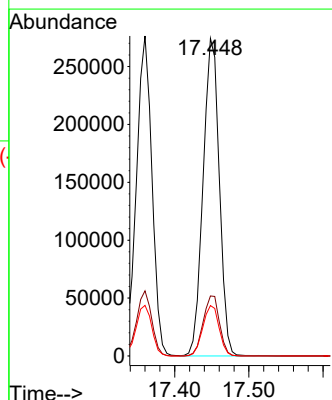
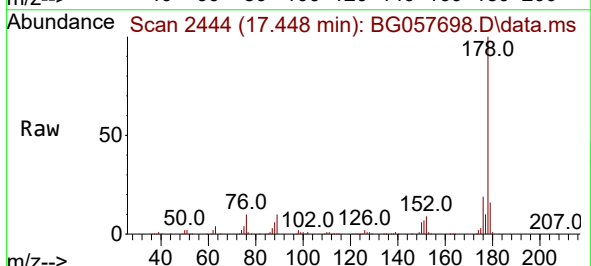
Tgt Ion:178 Resp: 416966

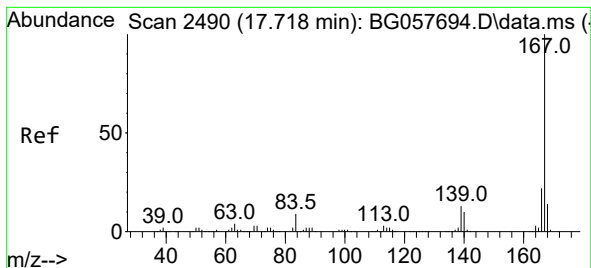
Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

179 15.9 12.9 19.3





#73

Carbazole

Concen: 38.475 ng

RT: 17.718 min Scan# 2490

Delta R.T. 0.001 min

Lab File: BG057698.D

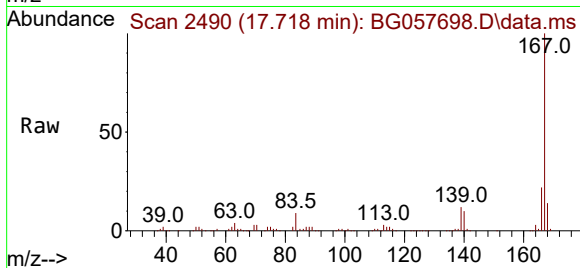
Acq: 13 Jun 2023 22:06

Instrument :

BNA_G

ClientSampleId :

ICVBG061323



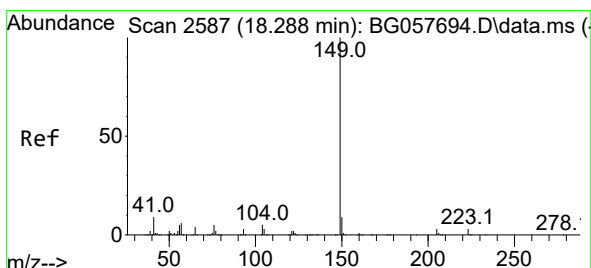
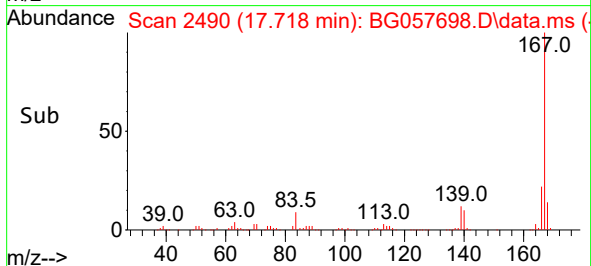
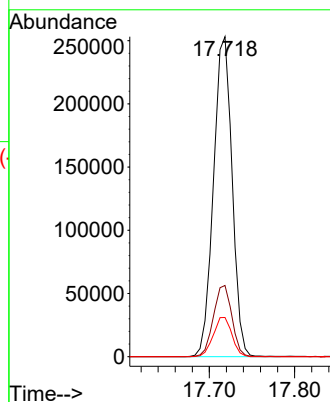
Tgt Ion:167 Resp: 383525

Ion Ratio Lower Upper

167 100

166 22.3 17.4 26.2

139 12.3 10.2 15.2



#74

Di-n-butylphthalate

Concen: 42.601 ng

RT: 18.282 min Scan# 2586

Delta R.T. -0.005 min

Lab File: BG057698.D

Acq: 13 Jun 2023 22:06

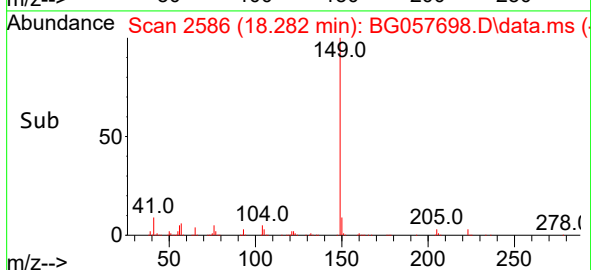
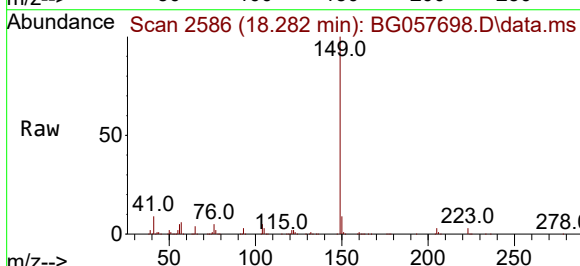
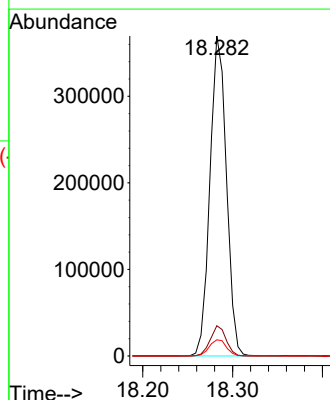
Tgt Ion:149 Resp: 470696

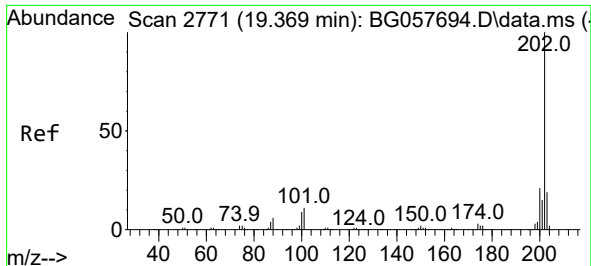
Ion Ratio Lower Upper

149 100

150 9.4 7.0 10.6

104 5.1 4.3 6.5

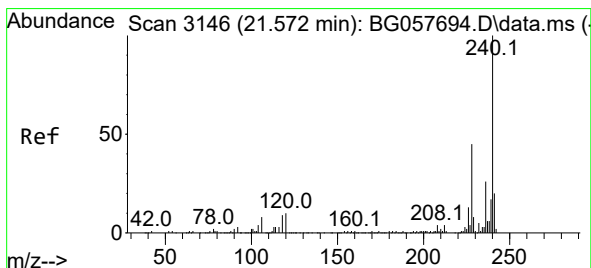
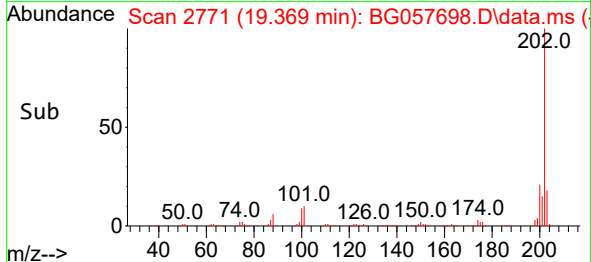
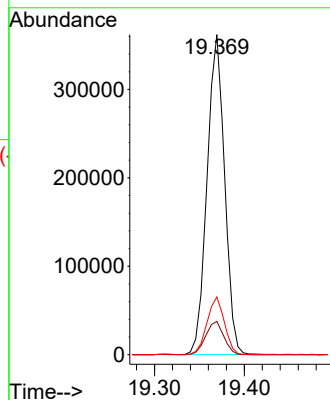
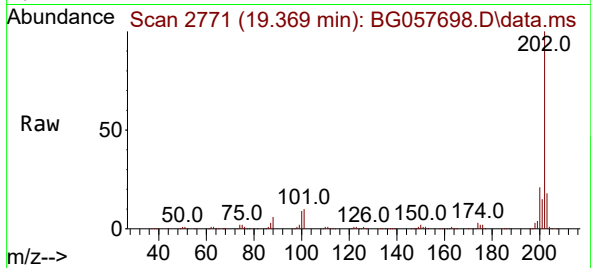




#75
Fluoranthene
Concen: 38.309 ng
RT: 19.369 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

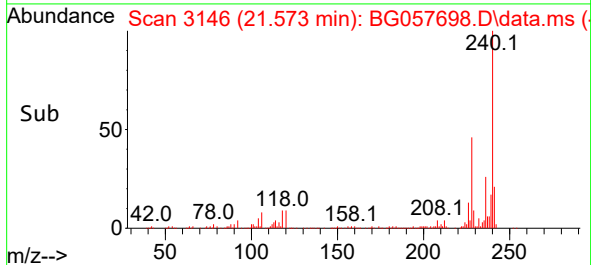
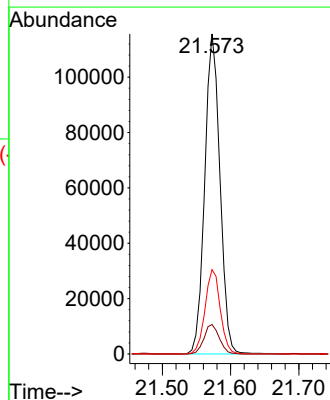
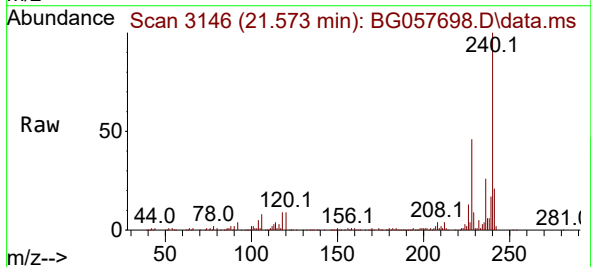
Instrument :
BNA_G
ClientSampleId :
ICVBG061323

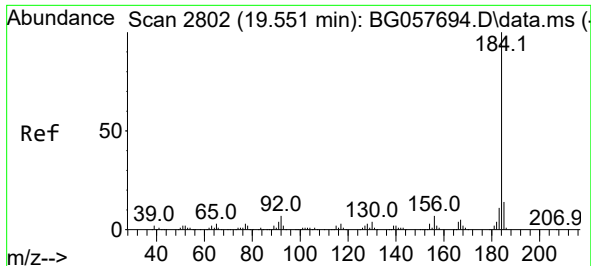
Tgt Ion:202 Resp: 490338
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.1
203 18.1 0.0 38.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.573 min Scan# 3146
Delta R.T. 0.001 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

Tgt Ion:240 Resp: 179332
Ion Ratio Lower Upper
240 100
120 9.2 8.1 12.1
236 26.3 20.7 31.1

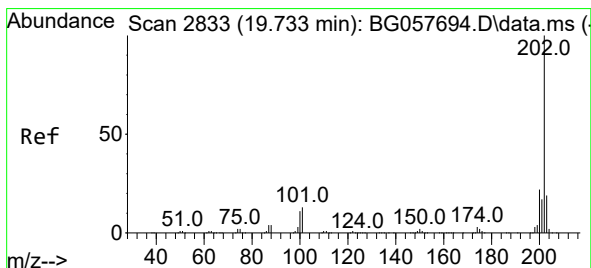
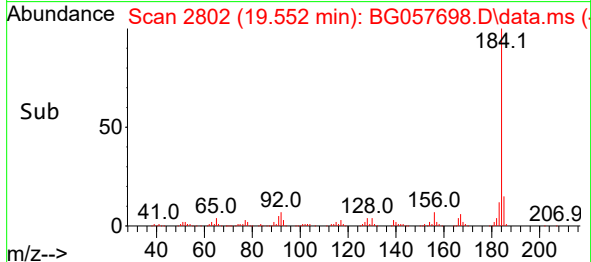
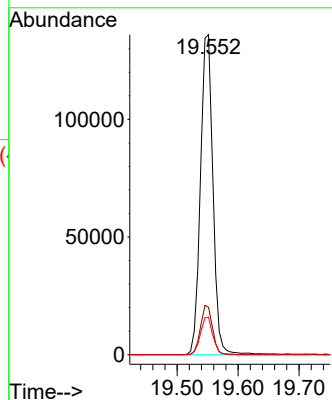
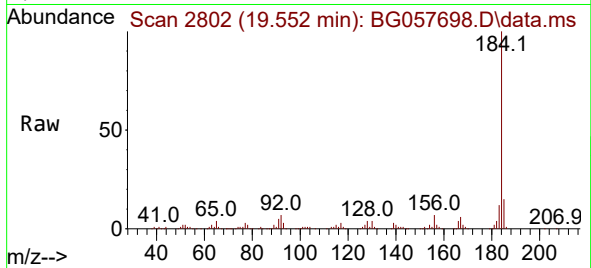




#77
Benzidine
Concen: 45.455 ng
RT: 19.552 min Scan# 2802
Delta R.T. 0.001 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

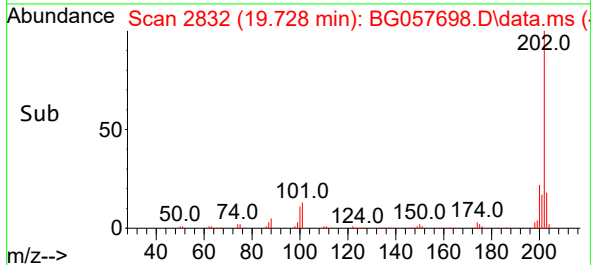
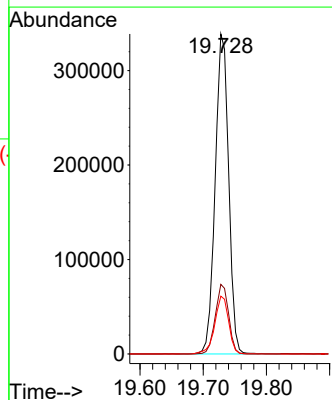
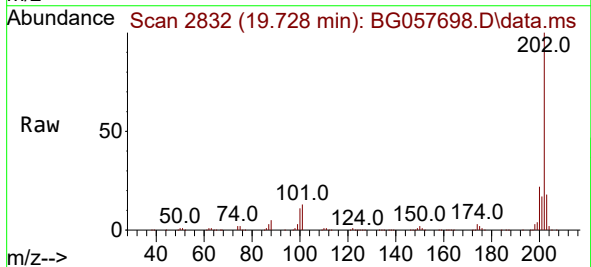
Instrument :
BNA_G
ClientSampleId :
ICVBG061323

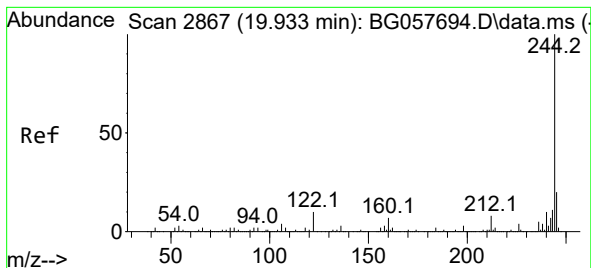
Tgt Ion:184 Resp: 194324
Ion Ratio Lower Upper
184 100
185 14.9 11.1 16.7
183 11.8 8.4 12.6



#78
Pyrene
Concen: 39.244 ng
RT: 19.728 min Scan# 2832
Delta R.T. -0.005 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

Tgt Ion:202 Resp: 500742
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.0
203 18.1 14.9 22.3





#79

Terphenyl-d14

Concen: 77.043 ng

RT: 19.933 min Scan# 2867

Delta R.T. 0.001 min

Lab File: BG057698.D

Acq: 13 Jun 2023 22:06

Instrument :

BNA_G

ClientSampleId :

ICVBG061323

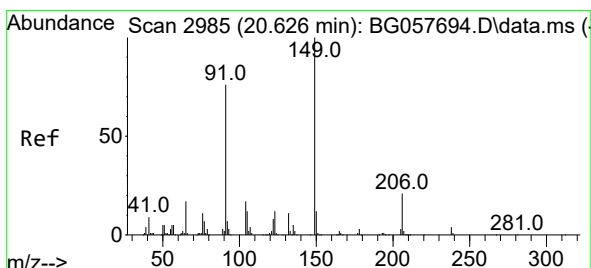
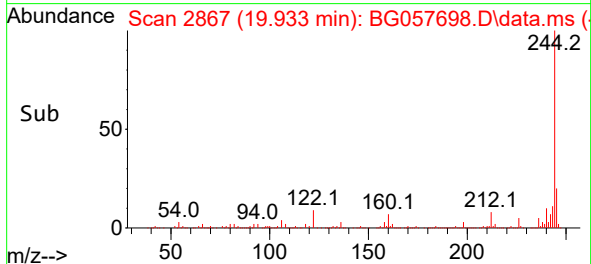
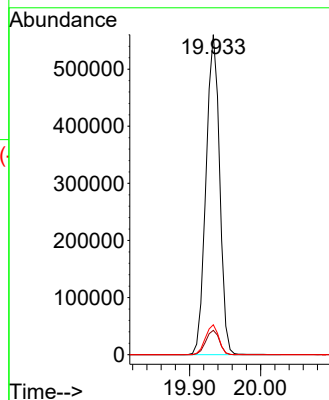
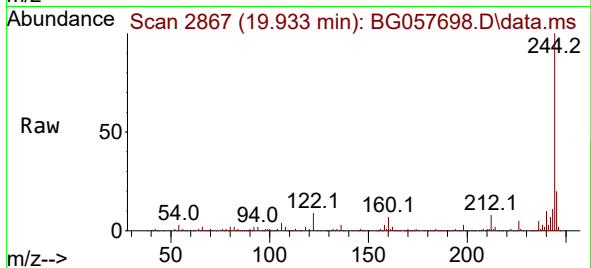
Tgt Ion:244 Resp: 747287

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

122 9.3 7.7 11.5



#80

Butylbenzylphthalate

Concen: 41.703 ng

RT: 20.627 min Scan# 2985

Delta R.T. 0.001 min

Lab File: BG057698.D

Acq: 13 Jun 2023 22:06

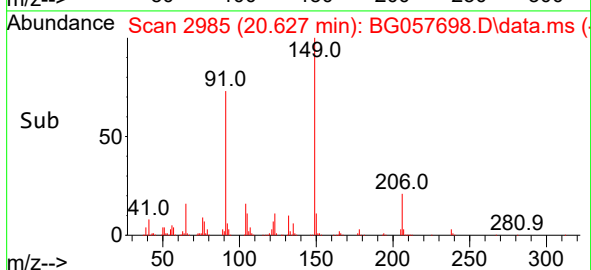
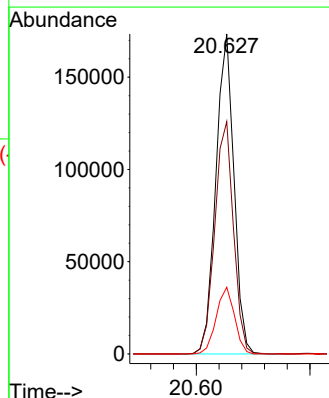
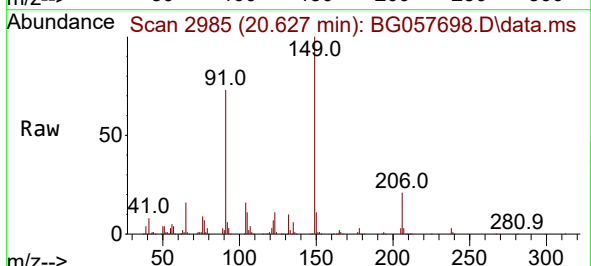
Tgt Ion:149 Resp: 190929

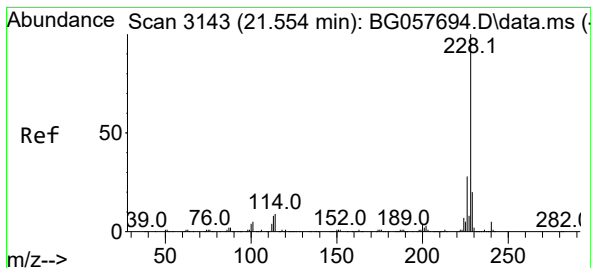
Ion Ratio Lower Upper

149 100

91 72.6 60.8 91.2

206 20.9 16.8 25.2





#81

Benzo(a)anthracene

Concen: 38.858 ng

RT: 21.555 min Scan# 3143

Delta R.T. 0.001 min

Lab File: BG057698.D

Acq: 13 Jun 2023 22:06

Instrument :

BNA_G

ClientSampleId :

ICVBG061323

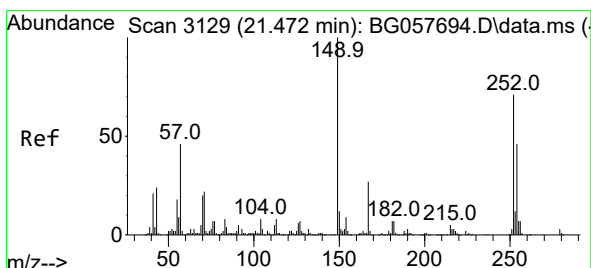
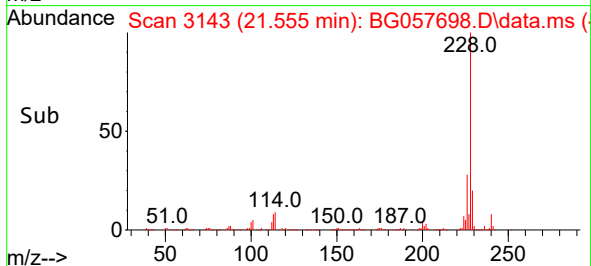
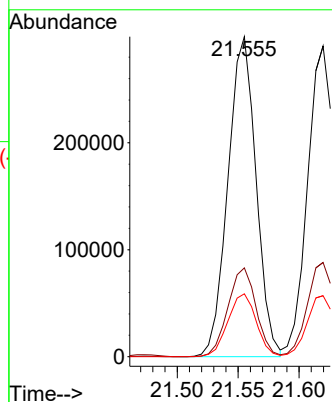
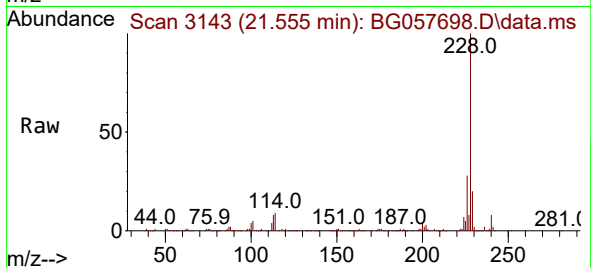
Tgt Ion:228 Resp: 481249

Ion Ratio Lower Upper

228 100

226 27.8 22.4 33.6

229 19.7 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 41.624 ng

RT: 21.473 min Scan# 3129

Delta R.T. 0.001 min

Lab File: BG057698.D

Acq: 13 Jun 2023 22:06

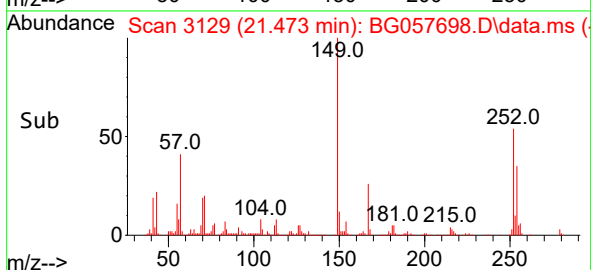
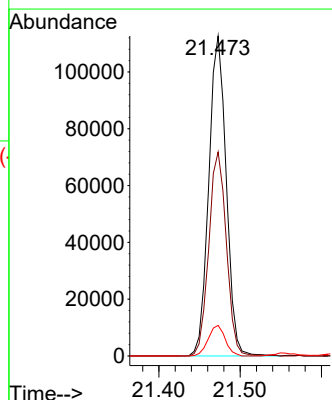
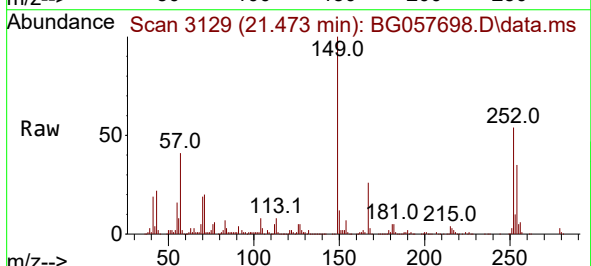
Tgt Ion:252 Resp: 167908

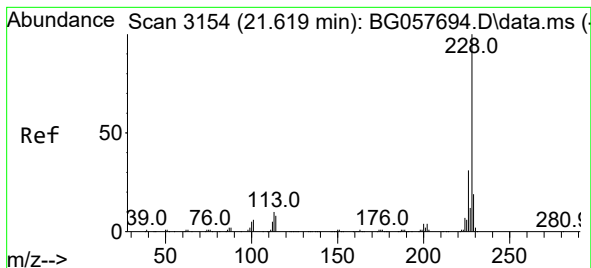
Ion Ratio Lower Upper

252 100

254 63.8 51.9 77.9

126 9.6 7.4 11.0





#83

Chrysene

Concen: 38.983 ng

RT: 21.620 min Scan# 3154

Delta R.T. 0.001 min

Lab File: BG057698.D

Acq: 13 Jun 2023 22:06

Instrument :

BNA_G

ClientSampleId :

ICVBG061323

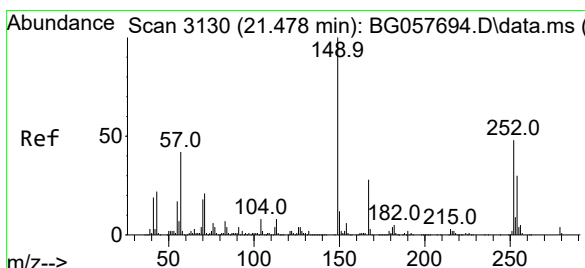
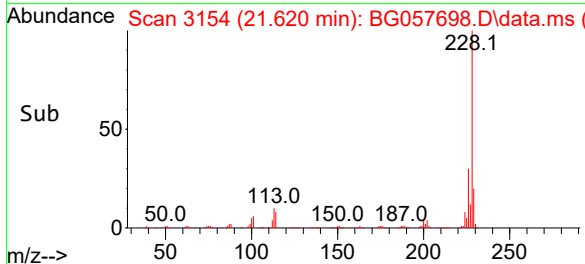
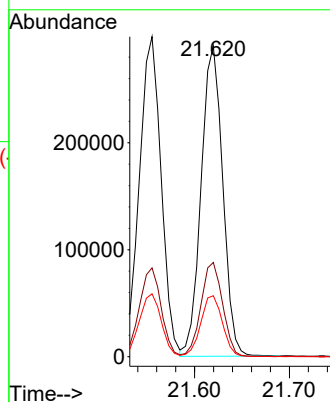
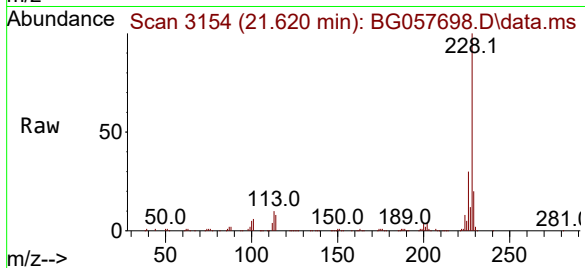
Tgt Ion:228 Resp: 459470

Ion Ratio Lower Upper

228 100

226 30.3 24.6 36.8

229 19.6 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.347 ng

RT: 21.473 min Scan# 3129

Delta R.T. -0.005 min

Lab File: BG057698.D

Acq: 13 Jun 2023 22:06

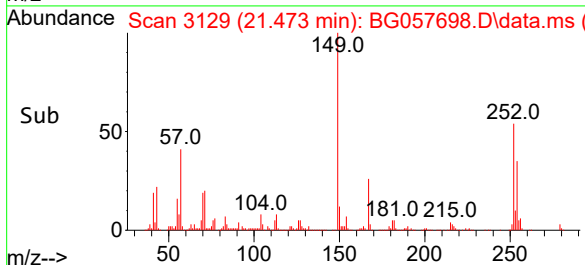
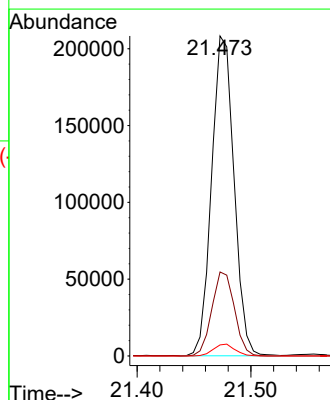
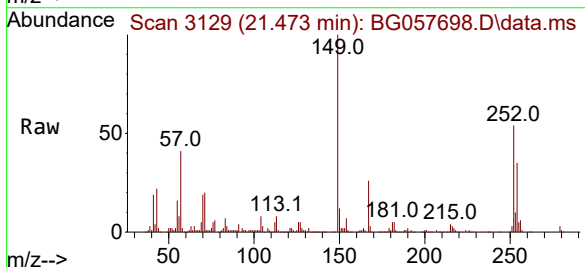
Tgt Ion:149 Resp: 285061

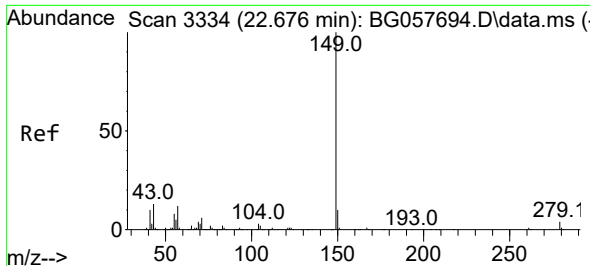
Ion Ratio Lower Upper

149 100

167 26.3 22.1 33.1

279 3.5 3.0 4.4

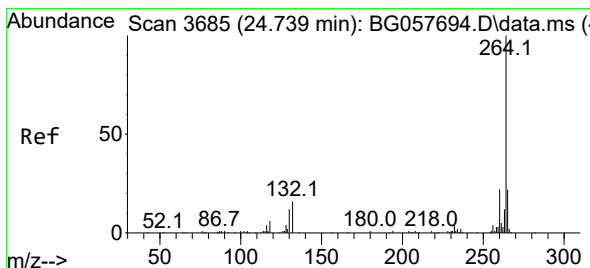
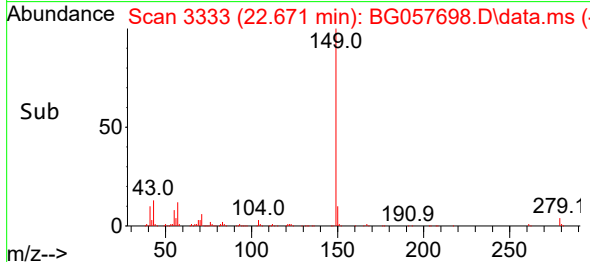
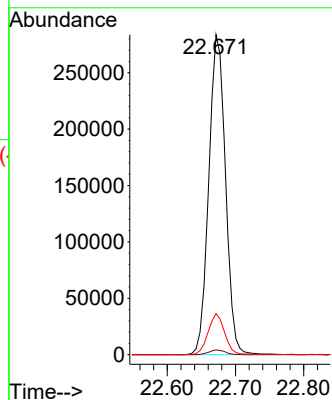
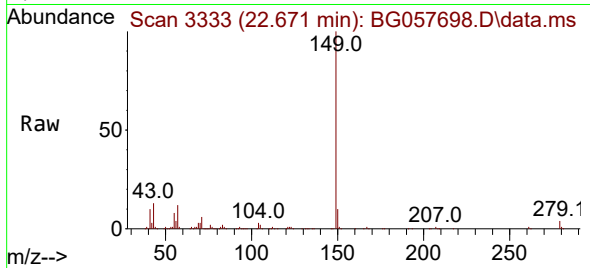




#85
Di-n-octyl phthalate
Concen: 44.617 ng
RT: 22.671 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

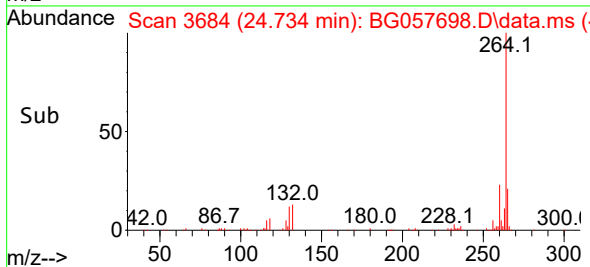
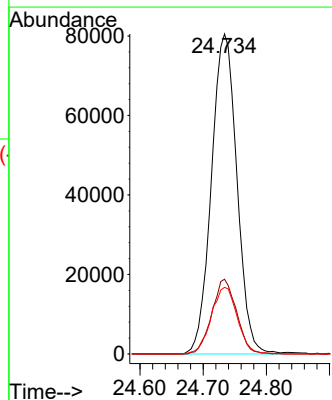
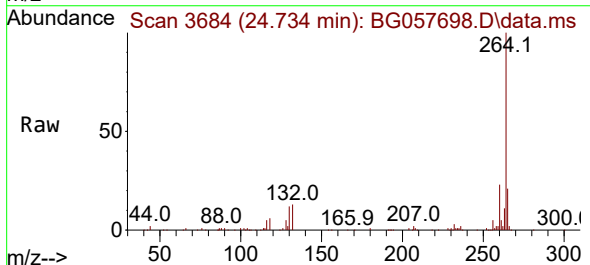
Instrument :
BNA_G
ClientSampleId :
ICVBG061323

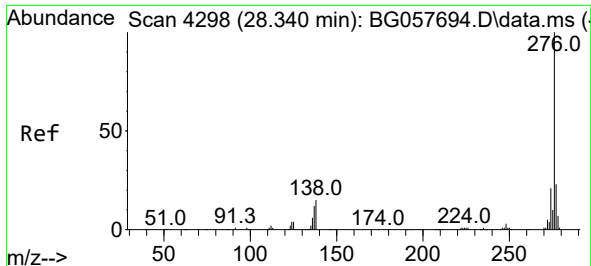
Tgt Ion:149 Resp: 483623
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 12.8 10.6 16.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.734 min Scan# 3684
Delta R.T. -0.005 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

Tgt Ion:264 Resp: 225303
Ion Ratio Lower Upper
264 100
260 23.4 17.3 25.9
265 20.8 17.5 26.3

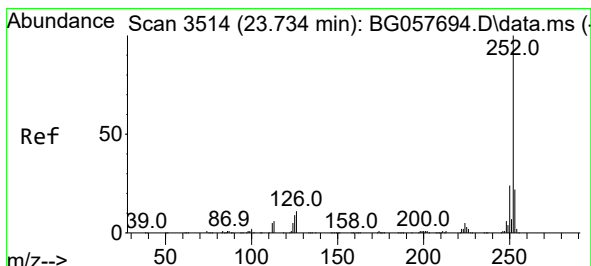
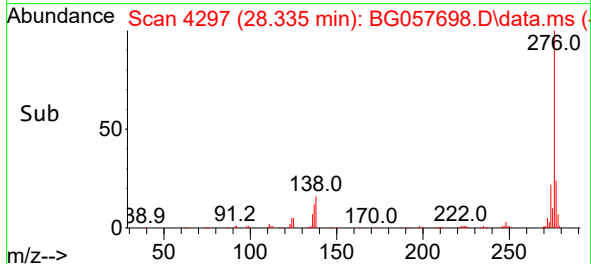
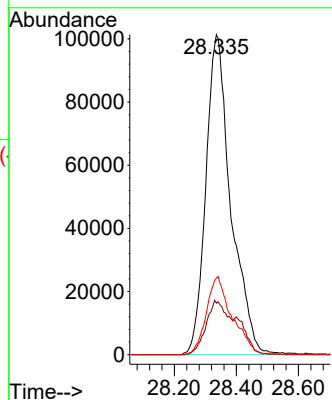
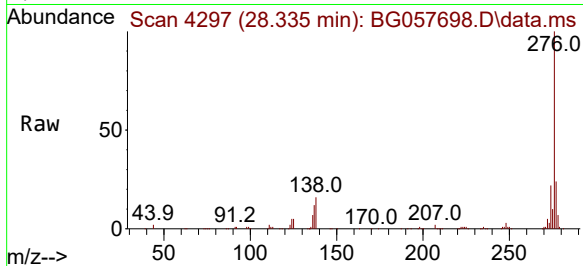




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.938 ng
 RT: 28.335 min Scan# 41
 Delta R.T. -0.005 min
 Lab File: BG057698.D
 Acq: 13 Jun 2023 22:06

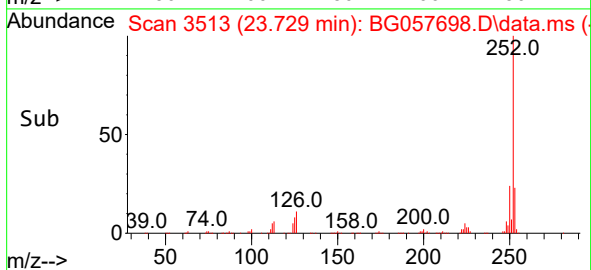
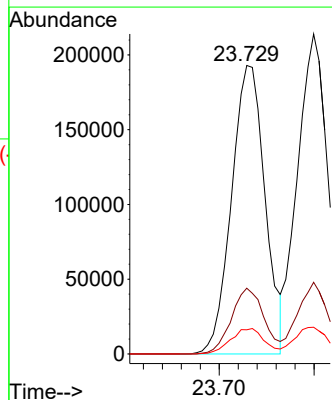
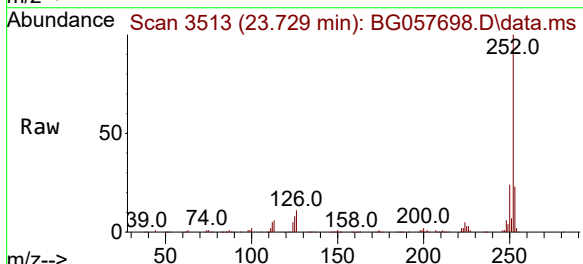
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG061323

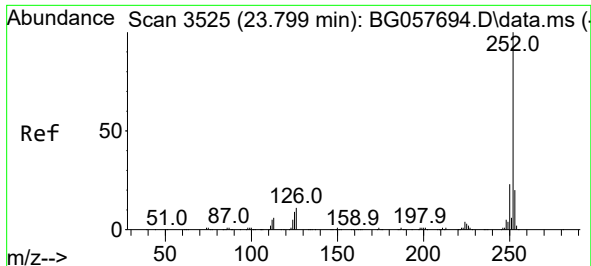
Tgt Ion:276 Resp: 567633
 Ion Ratio Lower Upper
 276 100
 138 15.0 11.9 17.9
 277 25.0 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 38.780 ng
 RT: 23.729 min Scan# 3513
 Delta R.T. -0.005 min
 Lab File: BG057698.D
 Acq: 13 Jun 2023 22:06

Tgt Ion:252 Resp: 473986
 Ion Ratio Lower Upper
 252 100
 253 22.8 17.4 26.2
 125 8.4 7.1 10.7

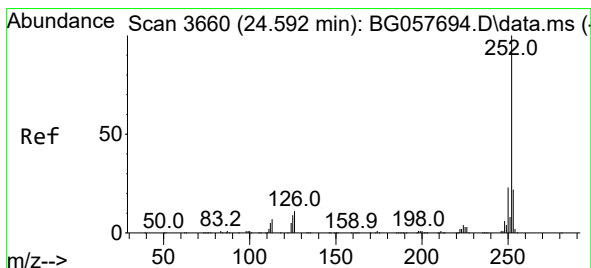
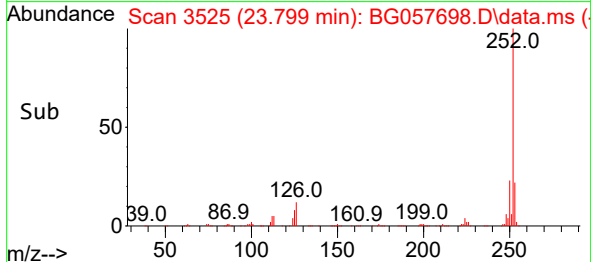
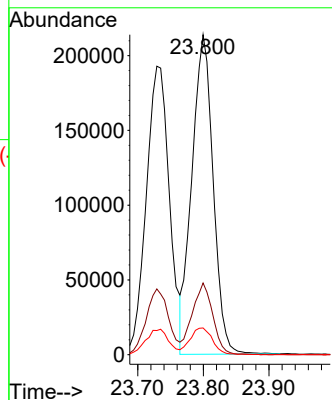
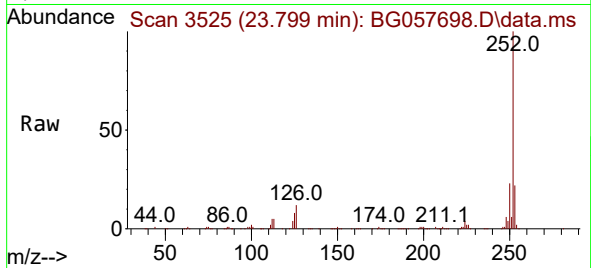




#89
Benzo(k)fluoranthene
Concen: 38.016 ng
RT: 23.799 min Scan# 31
Delta R.T. 0.001 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

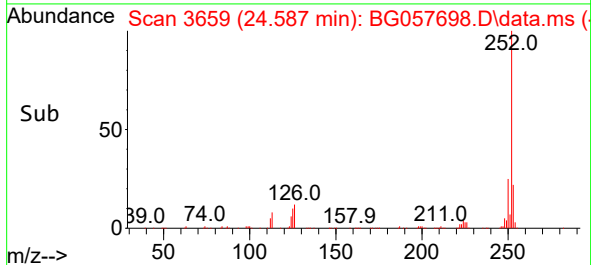
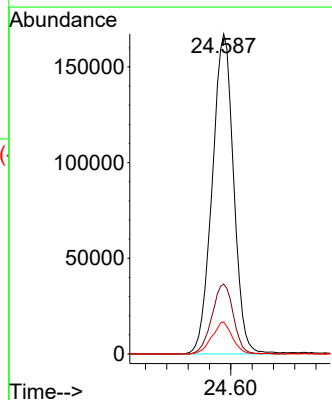
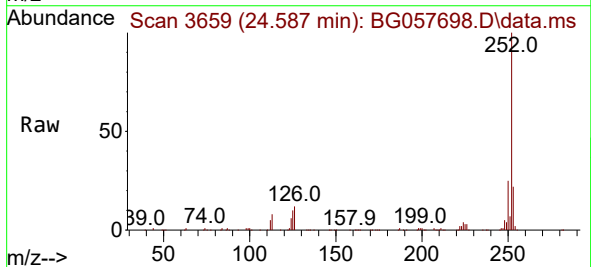
Instrument :
BNA_G
ClientSampleId :
ICVBG061323

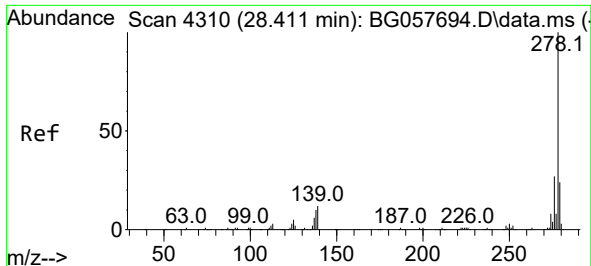
Tgt Ion:252 Resp: 481906
Ion Ratio Lower Upper
252 100
253 22.4 16.6 25.0
125 8.3 7.3 10.9



#90
Benzo(a)pyrene
Concen: 38.747 ng
RT: 24.587 min Scan# 3659
Delta R.T. -0.005 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

Tgt Ion:252 Resp: 465640
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 10.0 7.4 11.2

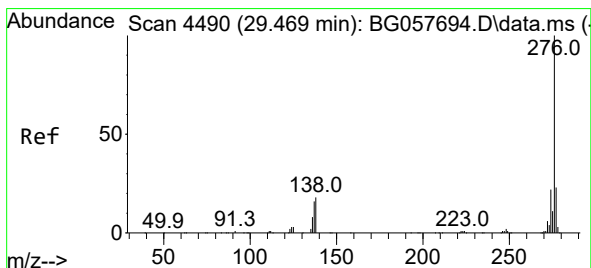
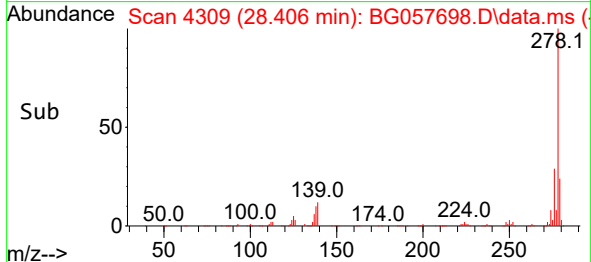
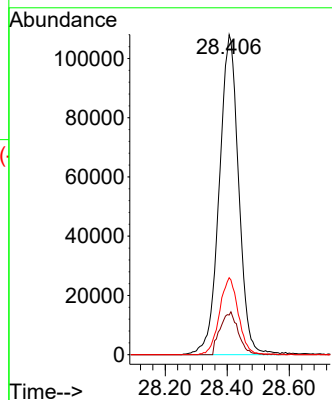
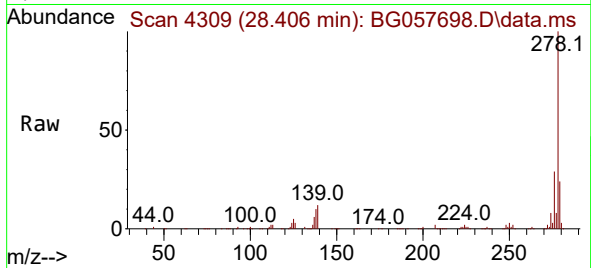




#91
Dibenzo(a,h)anthracene
Concen: 38.860 ng
RT: 28.406 min Scan# 41
Delta R.T. -0.005 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

Instrument :
BNA_G
ClientSampleId :
ICVBG061323

Tgt Ion:278 Resp: 468140
Ion Ratio Lower Upper
278 100
139 12.4 10.0 15.0
279 24.0 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 39.065 ng
RT: 29.469 min Scan# 4490
Delta R.T. 0.001 min
Lab File: BG057698.D
Acq: 13 Jun 2023 22:06

Tgt Ion:276 Resp: 469713
Ion Ratio Lower Upper
276 100
277 23.8 18.1 27.1
138 16.7 14.6 21.8

