

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071123\
 Data File : BG058190.D
 Acq On : 12 Jul 2023 17:16
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020511

Quant Time: Jul 12 22:07:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 16:52:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	47947	20.000	ng/ul	0.00
20) Naphthalene-d8	10.774	136	222051	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.599	164	154300	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.343	188	355320	20.000	ng/ul	0.00
79) Chrysene-d12	21.597	240	309204	20.000	ng/ul	0.00
88) Perylene-d12	24.787	264	380395	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.400	96	9392	6.859	ng/uL	0.00
4) Pyridine-d5	3.812	84	74584	17.942	ng/ul	0.00
7) Phenol-d5	7.131	99	93997	19.196	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.296	67	55009	18.642	ng/ul	0.00
11) 2-Chlorophenol-d4	7.501	132	64201	19.010	ng/ul	0.00
15) 4-Methylphenol-d8	8.676	113	70792	19.160	ng/ul	0.00
21) Nitrobenzene-d5	9.135	128	34734	19.192	ng/ul	0.00
24) 2-Nitrophenol-d4	9.857	143	37367	19.645	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.398	165	73571	20.163	ng/ul	0.00
31) 4-Chloroaniline-d4	10.909	131	104107	18.818	ng/ul	0.00
46) Dimethylphthalate-d6	14.000	166	214986	17.659	ng/ul	0.00
49) Acenaphthylene-d8	14.293	160	253034	19.046	ng/ul	0.00
54) 4-Nitrophenol-d4	14.793	143	34645	16.107	ng/ul	0.00
60) Fluorene-d10	15.586	176	197077	19.061	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.709	200	32859	17.031	ng/ul	0.00
73) Anthracene-d10	17.443	188	314550	19.078	ng/ul	0.00
81) Pyrene-d10	19.722	212	355263	18.243	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.570	264	363195	18.740	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.435	88	11258	6.655	ng/uL	94
5) Pyridine	3.835	79	77696	18.242	ng/ul	96
6) Benzaldehyde	7.108	77	16348	9.997	ng/ul	95
8) Phenol	7.160	94	97209	19.563	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.390	93	71754	18.702	ng/ul	100
12) 2-Chlorophenol	7.537	128	67490	19.204	ng/ul	96
13) 2-Methylphenol	8.412	108	75631	19.381	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.494	45	114027	19.308	ng/ul	98
16) Acetophenone	8.794	105	118861	19.390	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.770	70	61552	18.783	ng/ul	97
18) 4-Methylphenol	8.741	108	81522	19.320	ng/ul	96
19) Hexachloroethane	9.052	117	25513	18.937	ng/ul	98
22) Nitrobenzene	9.176	77	89266	19.000	ng/ul	98
23) Isophorone	9.693	82	179022	17.857	ng/ul	98
25) 2-Nitrophenol	9.887	139	40689	19.936	ng/ul#	89
26) 2,4-Dimethylphenol	9.940	107	87373	19.037	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.175	93	103254	18.277	ng/ul	99
29) 2,4-Dichlorophenol	10.421	162	70642	19.912	ng/ul	96
30) Naphthalene	10.827	128	238407	19.105	ng/ul	99
32) 4-Chloroaniline	10.933	127	105250	18.606	ng/ul	99
33) Hexachlorobutadiene	11.103	225	48027	19.122	ng/ul	95
34) Caprolactam	11.685	113	23875	16.739	ng/ul	99
35) 4-Chloro-3-methylphenol	12.055	107	85480	19.614	ng/ul	99
36) 2-Methylnaphthalene	12.431	142	159587	18.971	ng/ul	94

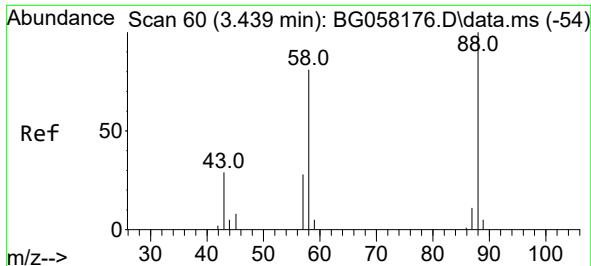
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.648	142	163338	19.363	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.795	216	92710	19.716	ng/ul	99
40) Hexachlorocyclopentadiene	12.772	237	32108	10.841	ng/ul	96
41) 2,4,6-Trichlorophenol	13.036	196	63622	19.963	ng/ul	98
42) 2,4,5-Trichlorophenol	13.106	196	68426	19.853	ng/ul	99
43) 1,1'-Biphenyl	13.436	154	214989	19.334	ng/ul	99
44) 2-Chloronaphthalene	13.477	162	174834	19.591	ng/ul	99
45) 2-Nitroaniline	13.682	65	59008	19.018	ng/ul	95
47) Dimethylphthalate	14.047	163	221016	18.070	ng/ul	99
48) 2,6-Dinitrotoluene	14.170	165	46100	18.362	ng/ul	94
50) Acenaphthylene	14.323	152	277180	19.321	ng/ul	98
51) 3-Nitroaniline	14.499	138	35502	16.733	ng/ul	97
52) Acenaphthene	14.663	153	189622	19.262	ng/ul	98
53) 2,4-Dinitrophenol	14.710	184	18920	14.455	ng/ul	92
55) 4-Nitrophenol	14.810	109	25639	16.091	ng/ul	91
56) Dibenzofuran	14.998	168	271424	19.396	ng/ul	99
57) 2,4-Dinitrotoluene	14.957	165	67356	18.935	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.222	232	58203	18.550	ng/ul	97
59) Diethylphthalate	15.404	149	225618	17.673	ng/ul	100
61) Fluorene	15.645	166	220434	19.198	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.633	204	115397	18.994	ng/ul	97
63) 4-Nitroaniline	15.656	138	18700	9.839	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.721	198	34716	17.595	ng/ul	98
67) N-Nitrosodiphenylamine	15.844	169	184833	19.546	ng/ul	99
68) 4-Bromophenyl-phenylether	16.526	248	77779	19.942	ng/ul	98
69) Hexachlorobenzene	16.649	284	85857	19.661	ng/ul	98
70) Atrazine	16.790	200	70516	18.236	ng/ul	98
71) Pentachlorophenol	16.990	266	41475	15.820	ng/ul	96
72) Phenanthrene	17.384	178	346281	19.159	ng/ul	99
74) Anthracene	17.472	178	352022	19.247	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.400	216	98005	20.797	ng/uL	98
76) Pentachlorobenzene	14.916	250	103066	20.479	ng/uL	100
77) Carbazole	17.742	167	315811	19.092	ng/ul	99
78) Di-n-butylphthalate	18.295	149	387857	18.407	ng/ul	100
80) Fluoranthene	19.393	202	411276	18.226	ng/ul	99
82) Pyrene	19.758	202	418846	18.440	ng/ul	99
83) Butylbenzylphthalate	20.633	149	173097	18.793	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.497	252	150576	20.115	ng/ul	97
85) Benzo(a)anthracene	21.579	228	418251	18.839	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.473	149	249104	18.873	ng/ul	97
87) Chrysene	21.644	228	398650	19.155	ng/ul	99
89) Di-n-octyl phthalate	22.672	149	446635	19.110	ng/ul	100
90) Benzo(b)fluoranthene	23.770	252	439597	18.664	ng/ul	99
91) Benzo(k)fluoranthene	23.841	252	427511	18.518	ng/ul	99
93) Benzo(a)pyrene	24.640	252	393293	18.866	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.430	276	474060	17.125	ng/ul	98
95) Dibenzo(a,h)anthracene	28.488	278	410436	17.980	ng/ul	99
96) Benzo(g,h,i)perylene	29.564	276	365340	16.158	ng/ul	100

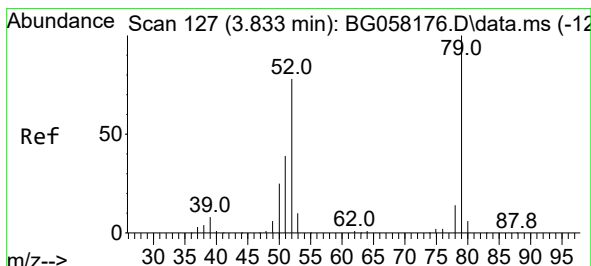
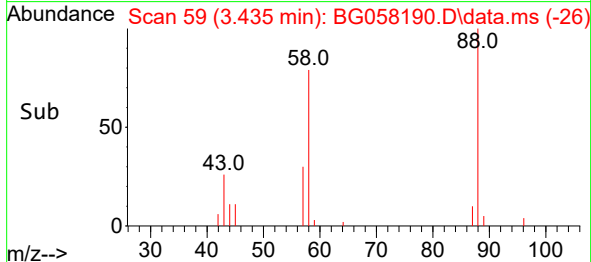
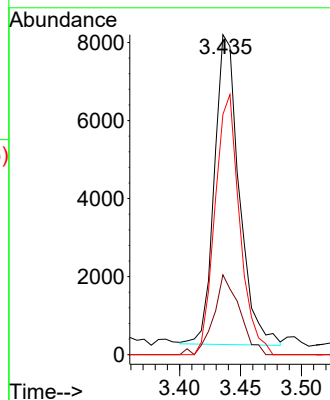
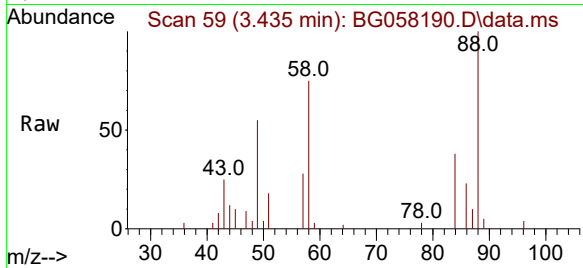
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#2
1,4-Dioxane
Concen: 6.655 ng/uL
RT: 3.435 min Scan# 59
Delta R.T. -0.004 min
Lab File: BG058190.D
Acq: 12 Jul 2023 17:16

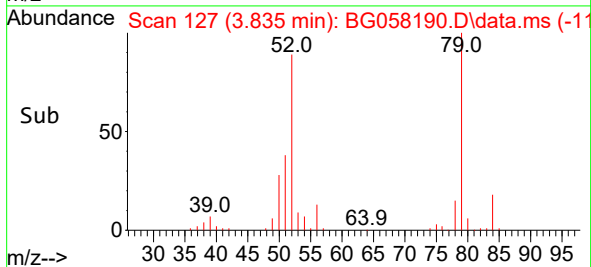
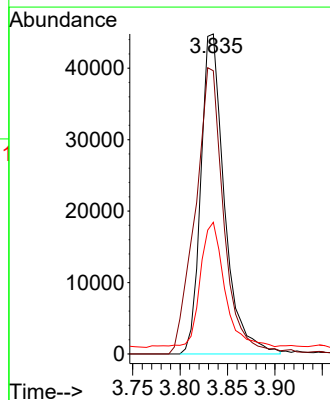
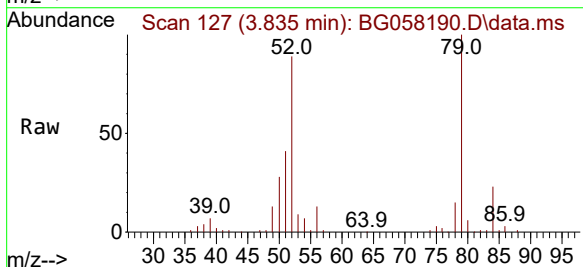
Instrument :
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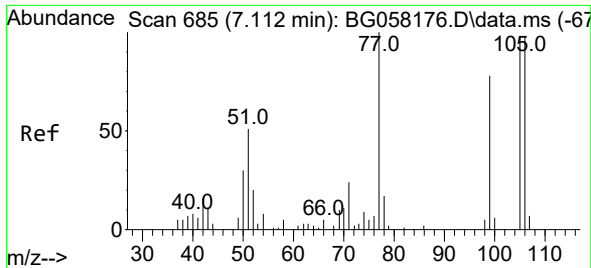
Tgt Ion: 88 Resp: 11258
Ion Ratio Lower Upper
88 100
43 24.9 20.6 30.8
58 75.1 65.5 98.3



#5
Pyridine
Concen: 18.242 ng/uL
RT: 3.835 min Scan# 127
Delta R.T. 0.002 min
Lab File: BG058190.D
Acq: 12 Jul 2023 17:16

Tgt Ion: 79 Resp: 77696
Ion Ratio Lower Upper
79 100
52 88.5 68.6 102.8
51 41.2 29.4 44.0

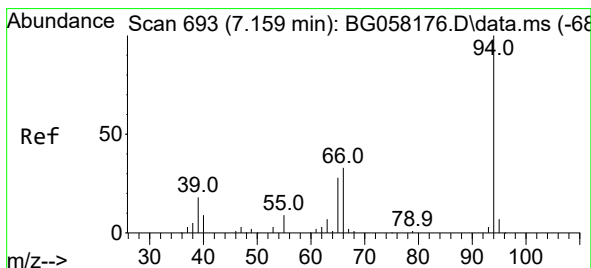
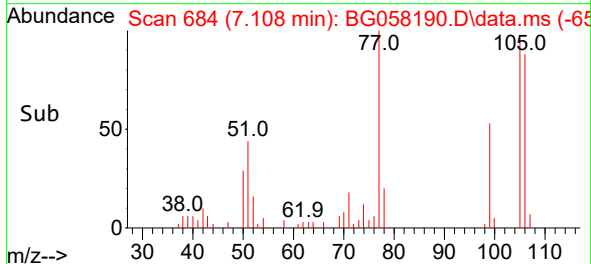
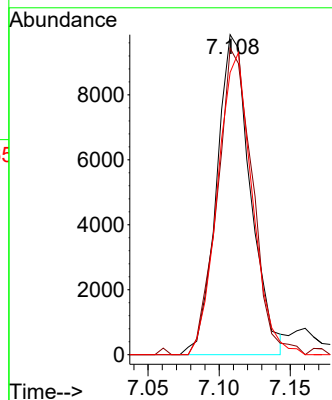
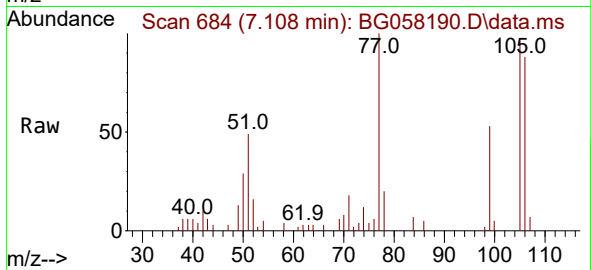




#6
Benzaldehyde
Concen: 9.997 ng/ul
RT: 7.108 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG058190.D
Acq: 12 Jul 2023 17:16

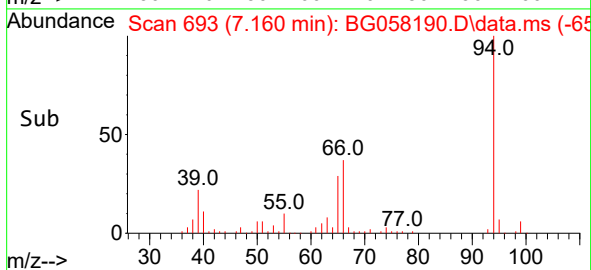
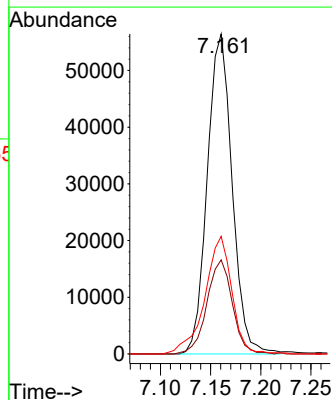
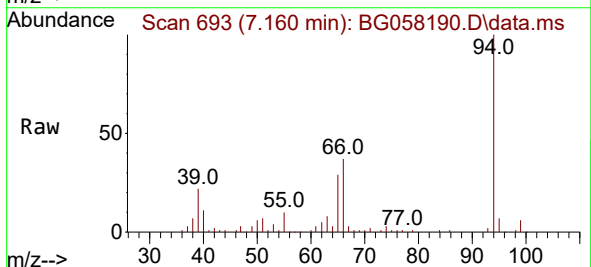
Instrument :
BNA_G
ClientSampleId :
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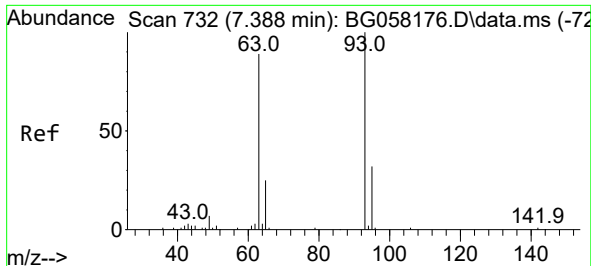
Tgt Ion: 77 Resp: 16348
Ion Ratio Lower Upper
77 100
105 95.7 74.7 112.1
106 88.2 75.9 113.9



#8
Phenol
Concen: 19.563 ng/ul
RT: 7.160 min Scan# 693
Delta R.T. 0.002 min
Lab File: BG058190.D
Acq: 12 Jul 2023 17:16

Tgt Ion: 94 Resp: 97209
Ion Ratio Lower Upper
94 100
65 29.4 22.2 33.4
66 36.7 28.6 43.0





#10

Bis(2-Chloroethyl)ether

Concen: 18.702 ng/ul

RT: 7.390 min Scan# 71

Delta R.T. 0.002 min

Lab File: BG058190.D

Acq: 12 Jul 2023 17:16

Instrument :

BNA_G

ClientSampleId :

SSTD020511

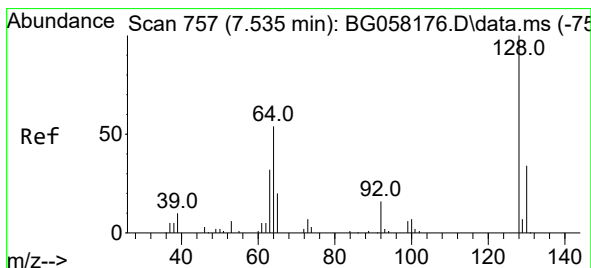
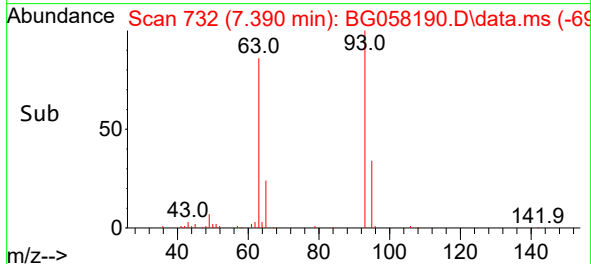
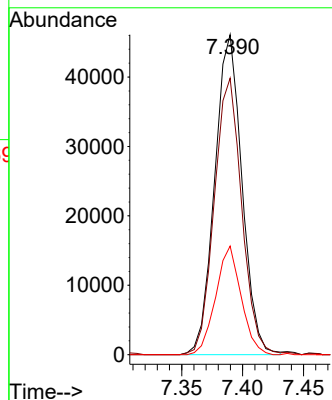
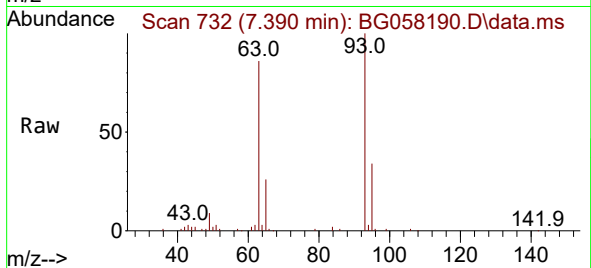
Tgt Ion: 93 Resp: 71754

Ion Ratio Lower Upper

93 100

63 86.4 69.4 104.0

95 33.9 27.0 40.6



#12

2-Chlorophenol

Concen: 19.204 ng/ul

RT: 7.537 min Scan# 757

Delta R.T. 0.002 min

Lab File: BG058190.D

Acq: 12 Jul 2023 17:16

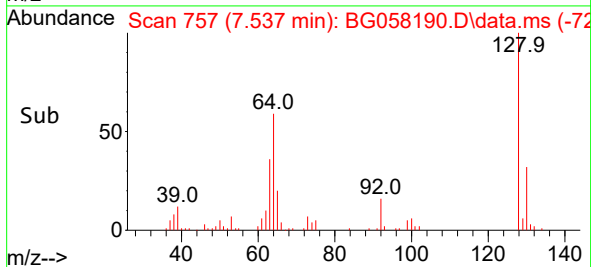
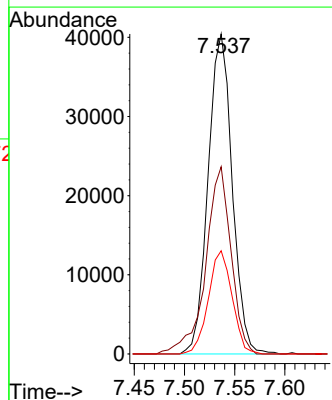
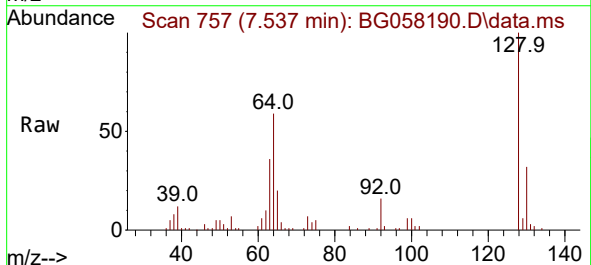
Tgt Ion:128 Resp: 67490

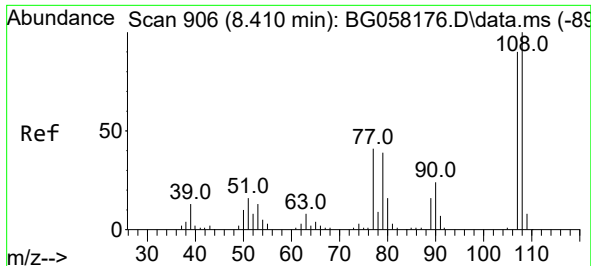
Ion Ratio Lower Upper

128 100

64 58.5 44.3 66.5

130 32.2 27.3 40.9

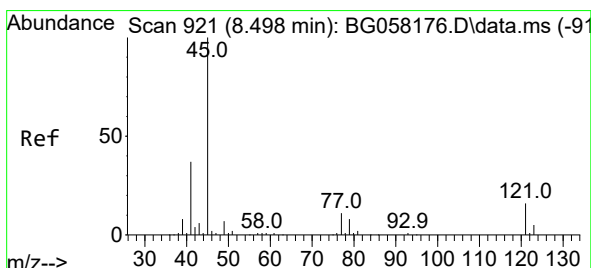
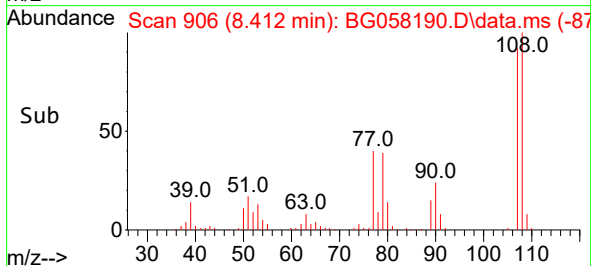
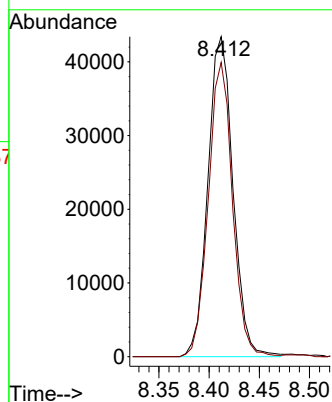
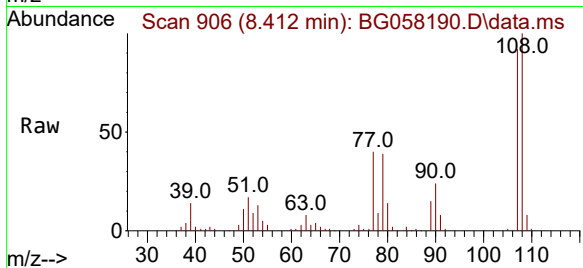




#13
2-Methylphenol
Concen: 19.381 ng/ul
RT: 8.412 min Scan# 906
Delta R.T. 0.002 min
Lab File: BG058190.D
Acq: 12 Jul 2023 17:16

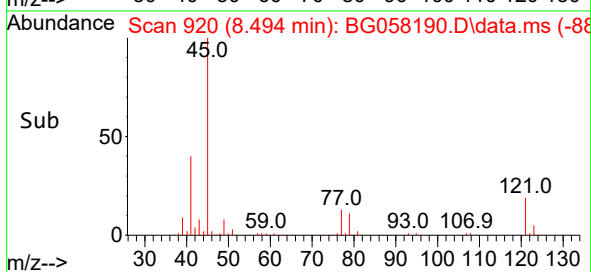
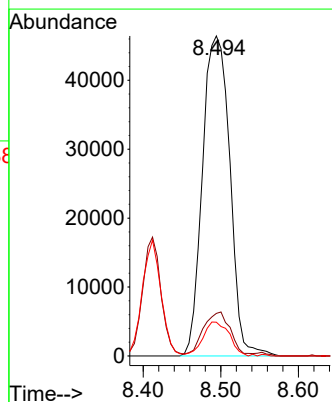
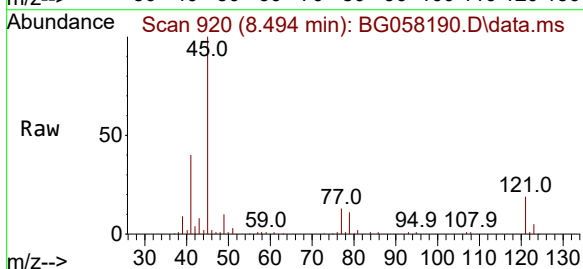
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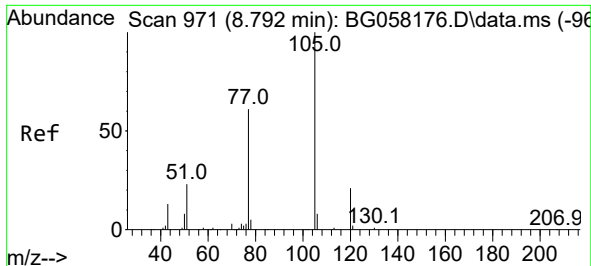
Tgt Ion:108 Resp: 75631
Ion Ratio Lower Upper
108 100
107 92.0 75.0 112.4



#14
2,2'-oxybis(1-Chloropropane)
Concen: 19.308 ng/ul
RT: 8.494 min Scan# 920
Delta R.T. -0.004 min
Lab File: BG058190.D
Acq: 12 Jul 2023 17:16

Tgt Ion: 45 Resp: 114027
Ion Ratio Lower Upper
45 100
77 13.3 9.4 14.2
79 10.5 8.3 12.5

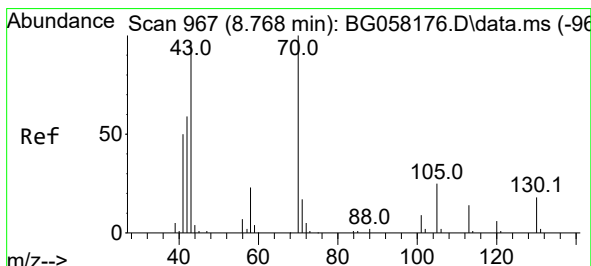
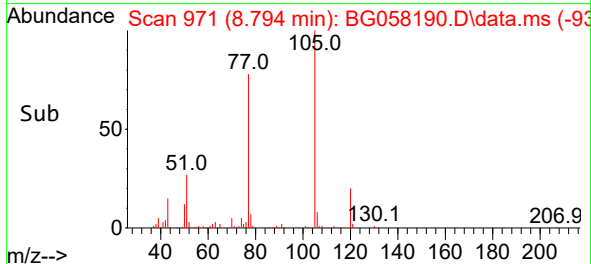
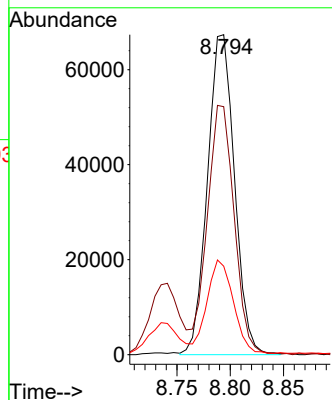
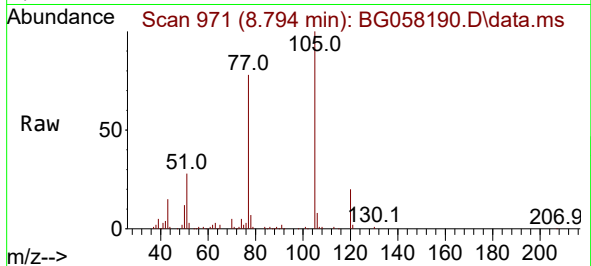




#16
Acetophenone
Concen: 19.390 ng/ul
RT: 8.794 min Scan# 971
Delta R.T. 0.002 min
Lab File: BG058190.D
Acq: 12 Jul 2023 17:16

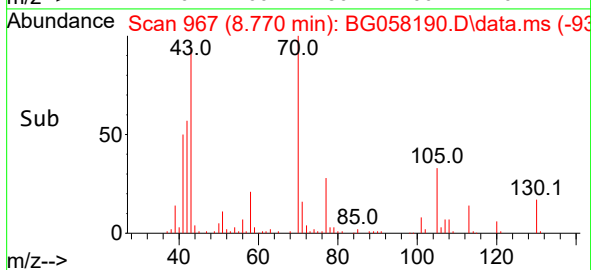
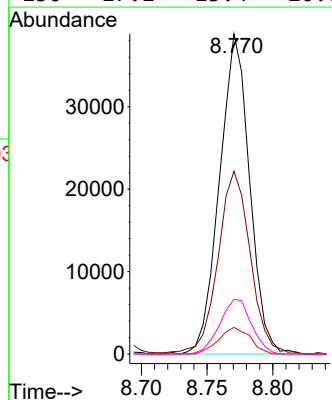
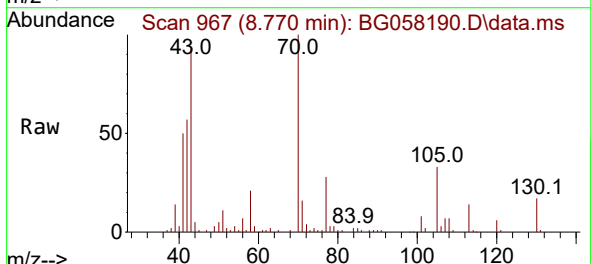
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ClientSampleId :
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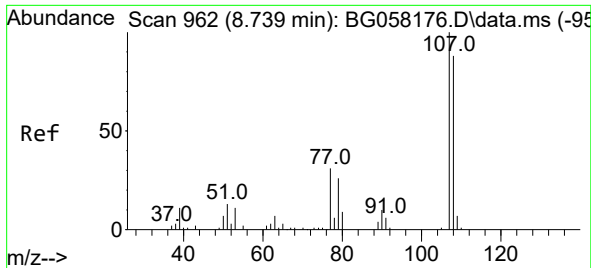
Tgt Ion:105 Resp: 118861
Ion Ratio Lower Upper
105 100
77 77.5 61.2 91.8
51 27.6 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 18.783 ng/ul
RT: 8.770 min Scan# 967
Delta R.T. 0.002 min
Lab File: BG058190.D
Acq: 12 Jul 2023 17:16

Tgt Ion: 70 Resp: 61552
Ion Ratio Lower Upper
70 100
42 57.1 48.0 72.0
101 8.3 7.4 11.2
130 17.1 13.4 20.0

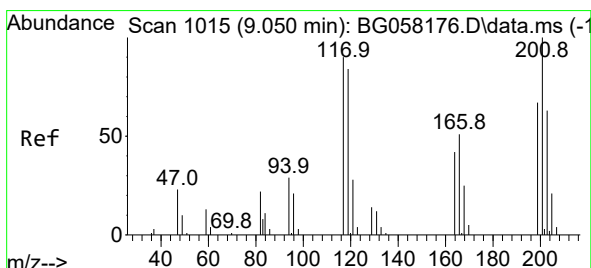
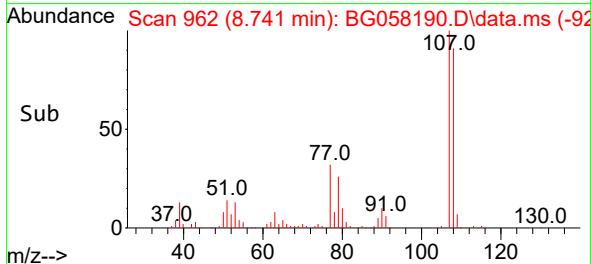
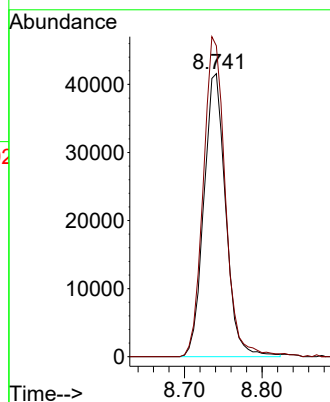
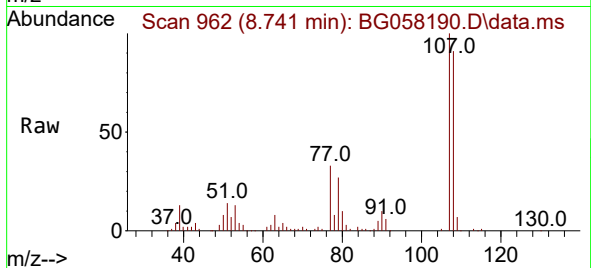




#18
4-Methylphenol
Concen: 19.320 ng/ul
RT: 8.741 min Scan# 90
Delta R.T. 0.002 min
Lab File: BG058190.D
Acq: 12 Jul 2023 17:16

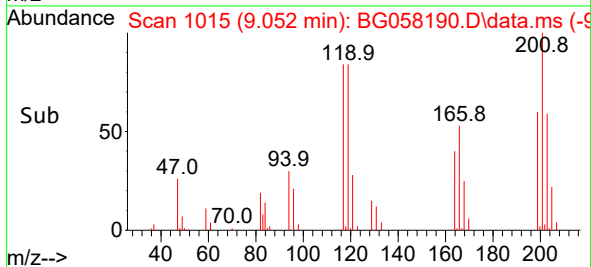
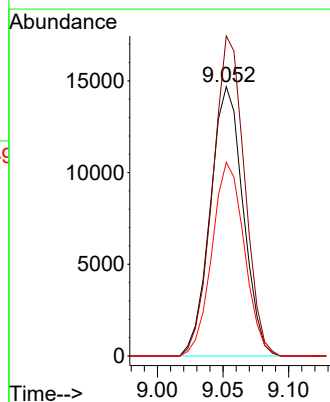
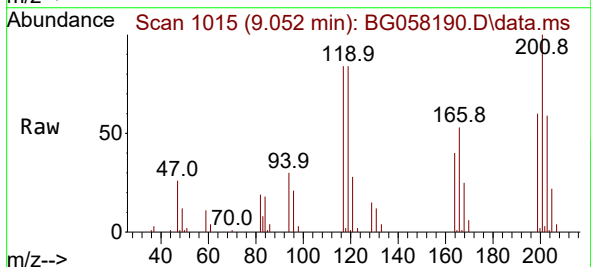
Instrument :
BNA_G
ClientSampleId :
SSTD020511

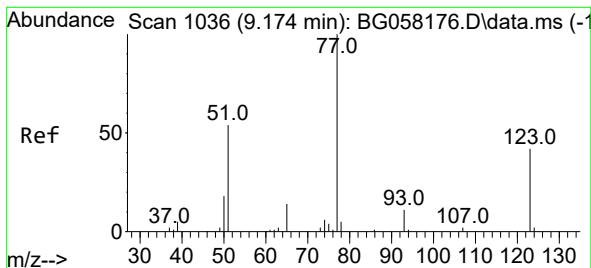
Tgt Ion:108 Resp: 81522
Ion Ratio Lower Upper
108 100
107 109.9 91.1 136.7



#19
Hexachloroethane
Concen: 18.937 ng/ul
RT: 9.052 min Scan# 1015
Delta R.T. -0.004 min
Lab File: BG058190.D
Acq: 12 Jul 2023 17:16

Tgt Ion:117 Resp: 25513
Ion Ratio Lower Upper
117 100
201 118.9 94.0 141.0
199 71.9 59.8 89.6





#22

Nitrobenzene

Concen: 19.000 ng/ul

RT: 9.176 min Scan# 1036

Delta R.T. 0.002 min

Lab File: BG058190.D

Acq: 12 Jul 2023 17:16

Instrument :

BNA_G

ClientSampleId :

SSTD020511

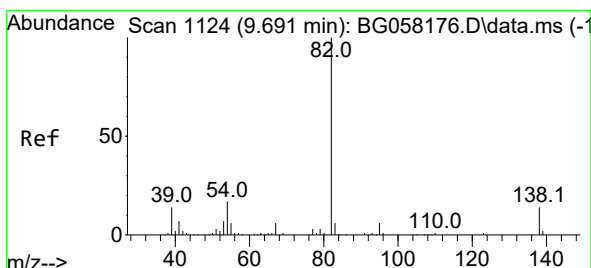
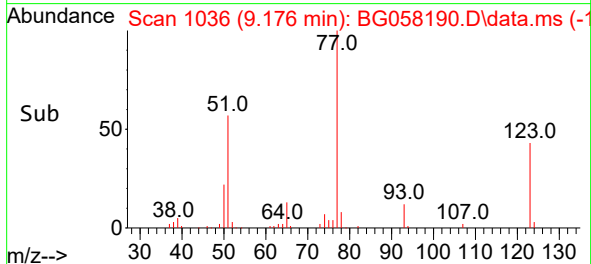
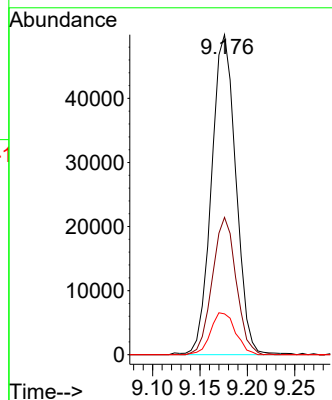
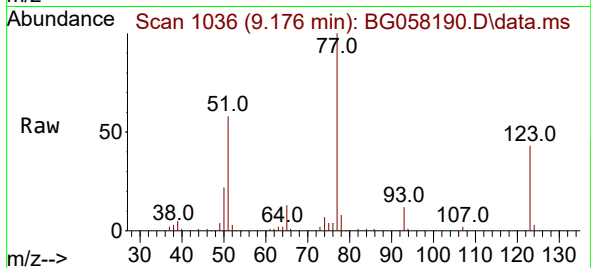
Tgt Ion: 77 Resp: 89266

Ion Ratio Lower Upper

77 100

123 42.9 33.3 49.9

65 12.8 10.4 15.6



#23

Isophorone

Concen: 17.857 ng/ul

RT: 9.693 min Scan# 1124

Delta R.T. 0.002 min

Lab File: BG058190.D

Acq: 12 Jul 2023 17:16

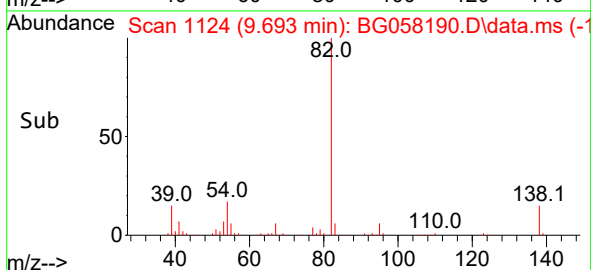
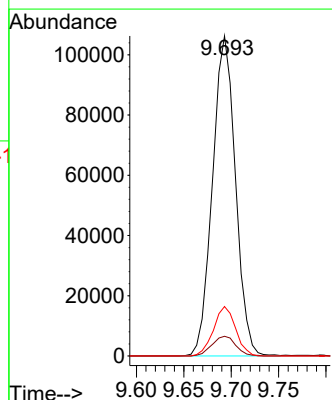
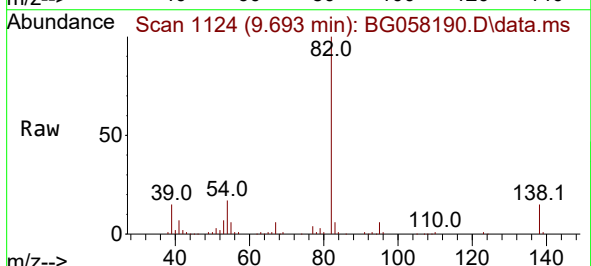
Tgt Ion: 82 Resp: 179022

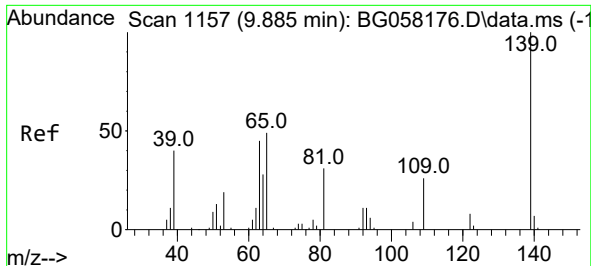
Ion Ratio Lower Upper

82 100

95 6.2 4.8 7.2

138 15.5 11.4 17.0

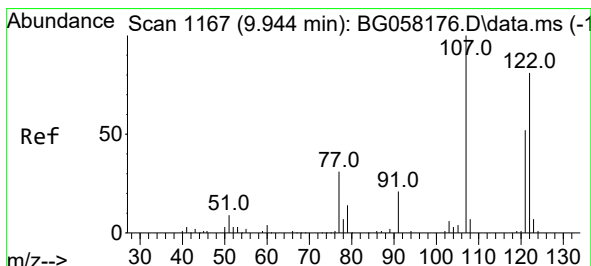
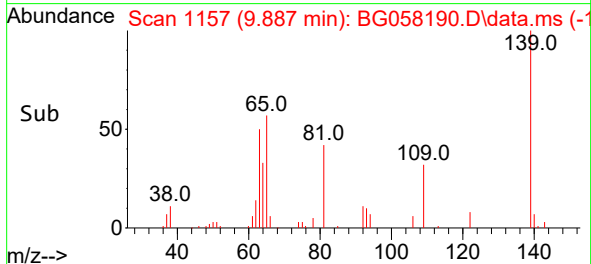
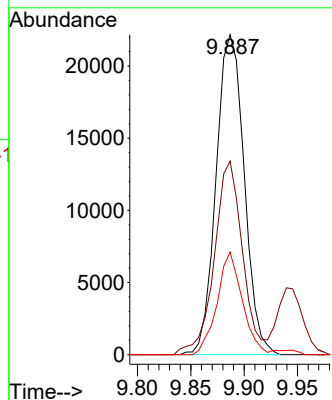
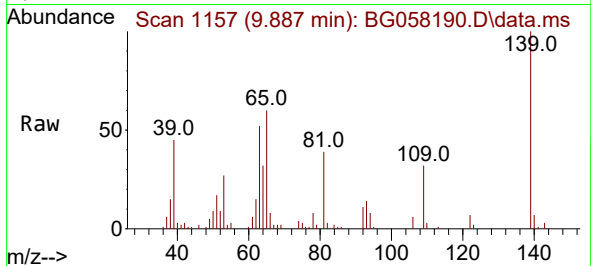




#25
2-Nitrophenol
Concen: 19.936 ng/ul
RT: 9.887 min Scan# 1157
Delta R.T. -0.004 min
Lab File: BG058190.D
Acq: 12 Jul 2023 17:16

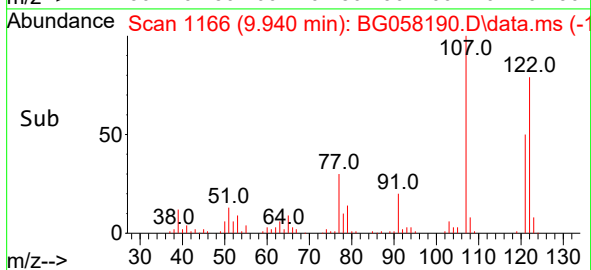
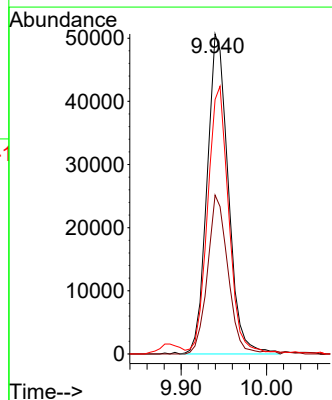
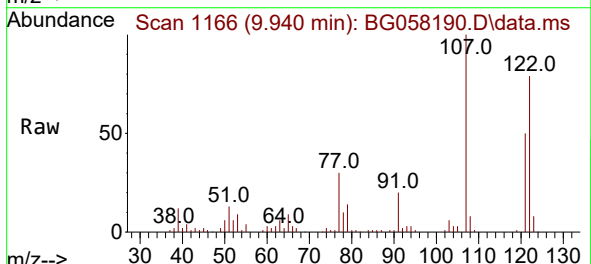
Instrument :
BNA_G
ClientSampleId :
SSTD020511

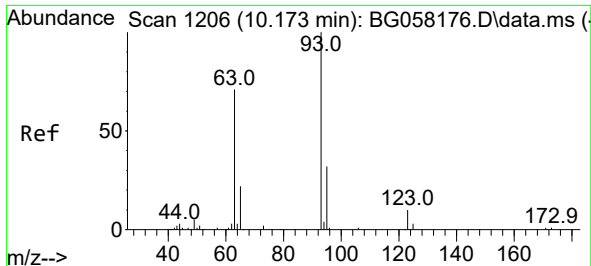
Tgt Ion:139 Resp: 40689
Ion Ratio Lower Upper
139 100
65 60.5 42.6 64.0
109 32.0 20.7 31.1#



#26
2,4-Dimethylphenol
Concen: 19.037 ng/ul
RT: 9.940 min Scan# 1166
Delta R.T. -0.004 min
Lab File: BG058190.D
Acq: 12 Jul 2023 17:16

Tgt Ion:107 Resp: 87373
Ion Ratio Lower Upper
107 100
121 49.7 40.6 60.8
122 79.5 67.1 100.7





#27

Bis(2-Chloroethoxy)methane

Concen: 18.277 ng/ul

RT: 10.175 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG058190.D

Acq: 12 Jul 2023 17:16

Instrument :

BNA_G

ClientSampleId :

SSTD020511

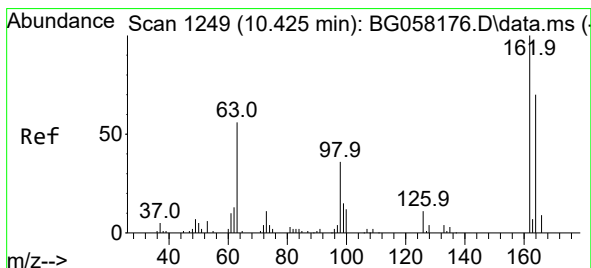
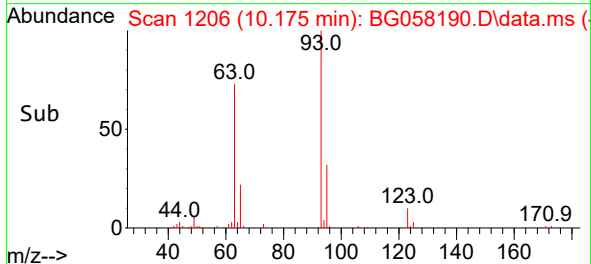
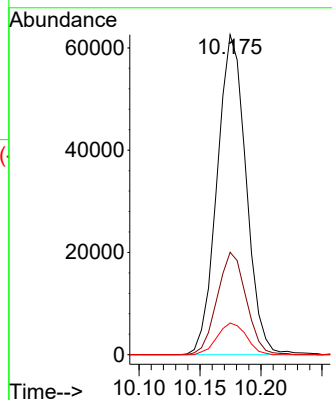
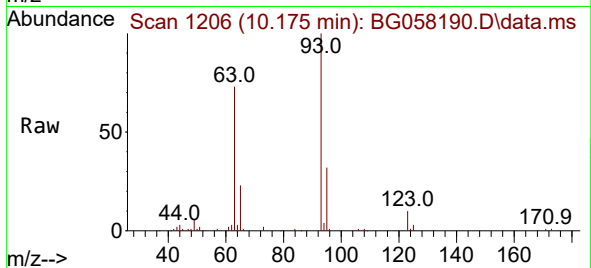
Tgt Ion: 93 Resp: 103254

Ion Ratio Lower Upper

93 100

95 32.0 26.4 39.6

123 9.9 7.9 11.9



#29

2,4-Dichlorophenol

Concen: 19.912 ng/ul

RT: 10.421 min Scan# 1248

Delta R.T. -0.004 min

Lab File: BG058190.D

Acq: 12 Jul 2023 17:16

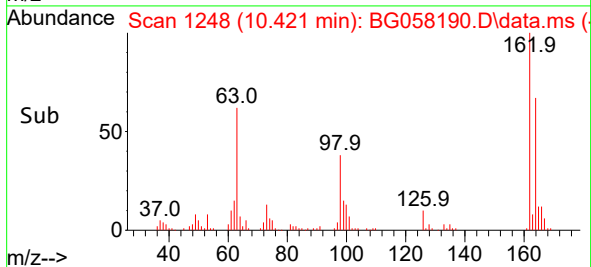
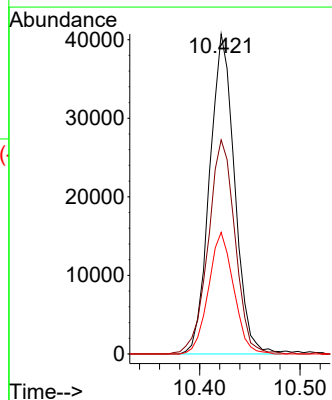
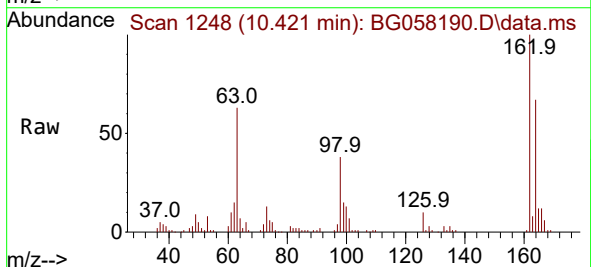
Tgt Ion:162 Resp: 70642

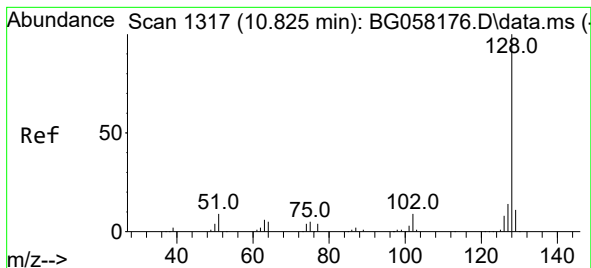
Ion Ratio Lower Upper

162 100

164 66.9 51.1 76.7

98 38.0 27.9 41.9

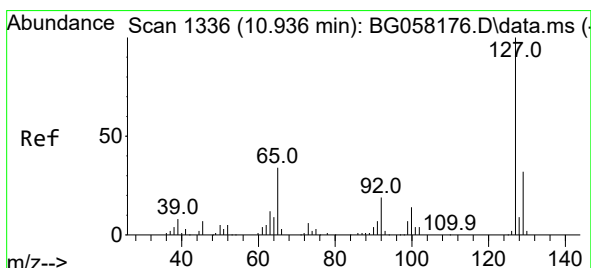
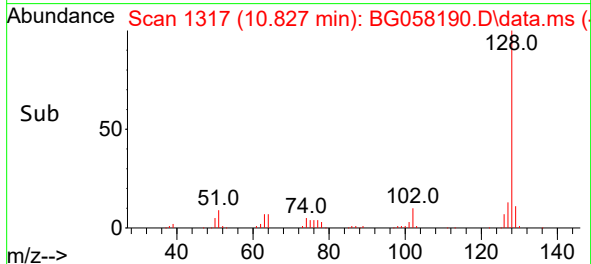
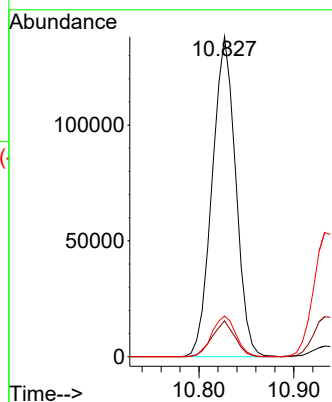
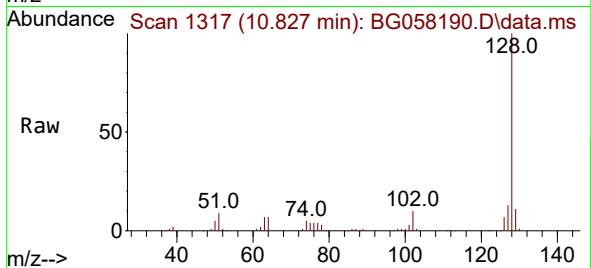




#30
Naphthalene
Concen: 19.105 ng/ul
RT: 10.827 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG058190.D
Acq: 12 Jul 2023 17:16

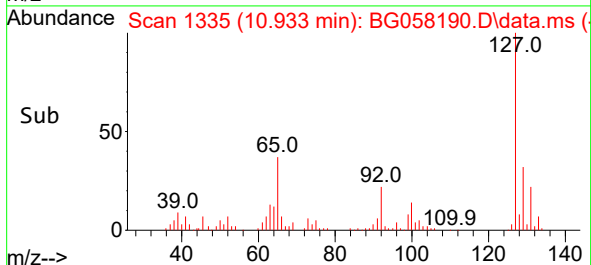
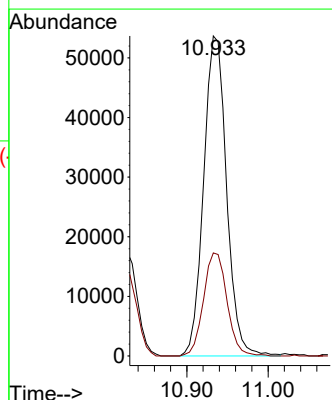
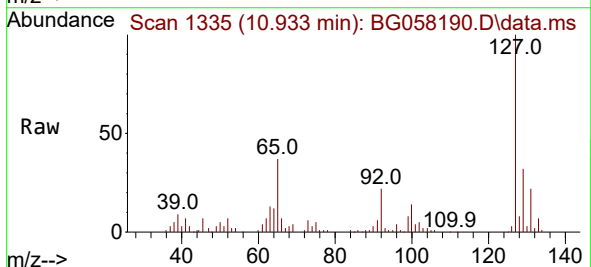
Instrument :
BNA_G
ClientSampleId :
SSTD020511

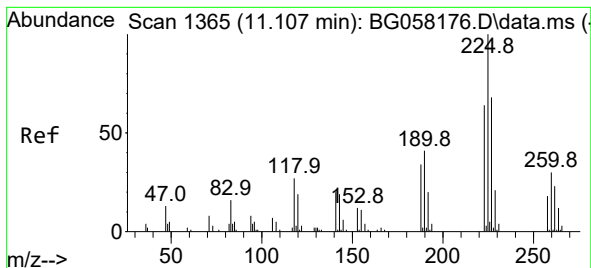
Tgt Ion:128 Resp: 238407
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 12.7 10.2 15.2



#32
4-Chloroaniline
Concen: 18.606 ng/ul
RT: 10.933 min Scan# 1335
Delta R.T. -0.004 min
Lab File: BG058190.D
Acq: 12 Jul 2023 17:16

Tgt Ion:127 Resp: 105250
Ion Ratio Lower Upper
127 100
129 32.2 26.0 39.0





#33

Hexachlorobutadiene

Concen: 19.122 ng/ul

RT: 11.103 min Scan# 11

Delta R.T. -0.004 min

Lab File: BG058190.D

Acq: 12 Jul 2023 17:16

Instrument :

BNA_G

ClientSampleId :

SSTD020511

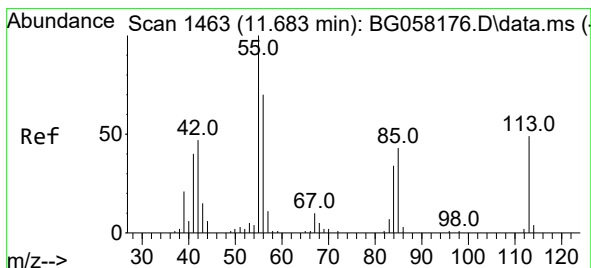
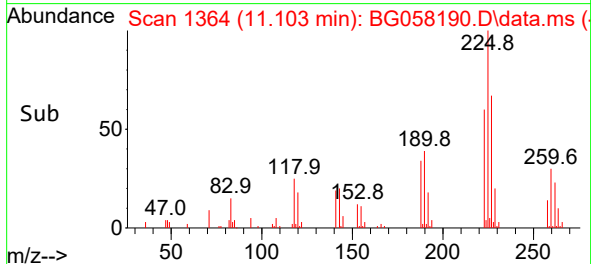
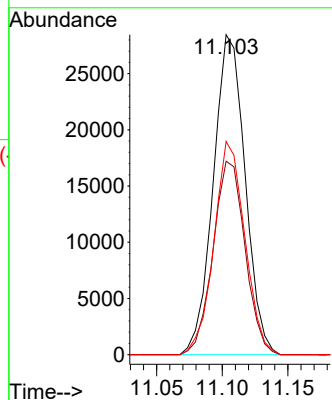
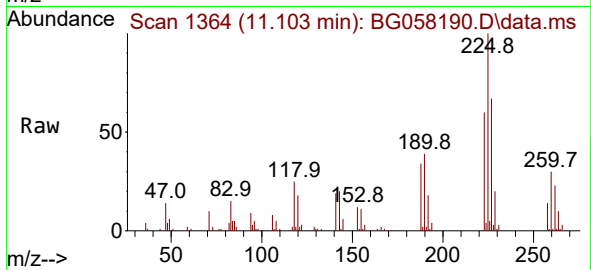
Tgt Ion:225 Resp: 48027

Ion Ratio Lower Upper

225 100

223 60.5 53.2 79.8

227 66.6 51.4 77.2



#34

Caprolactam

Concen: 16.739 ng/ul

RT: 11.685 min Scan# 1463

Delta R.T. 0.002 min

Lab File: BG058190.D

Acq: 12 Jul 2023 17:16

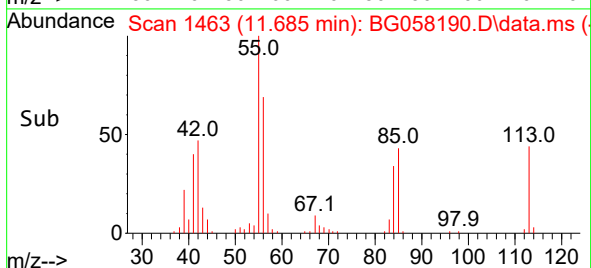
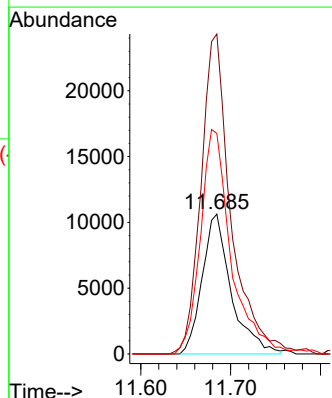
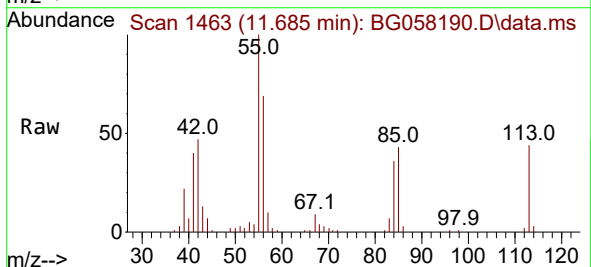
Tgt Ion:113 Resp: 23875

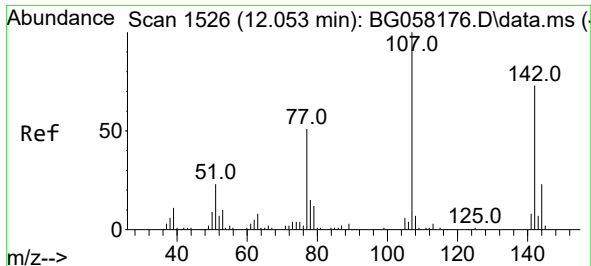
Ion Ratio Lower Upper

113 100

55 228.9 183.4 275.2

56 157.6 123.0 184.6

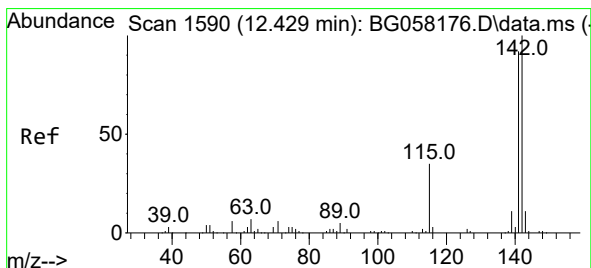
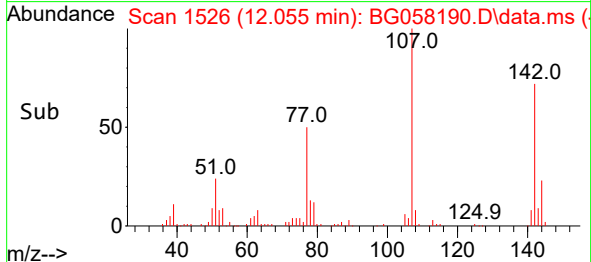
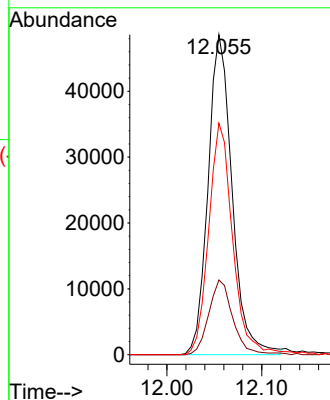
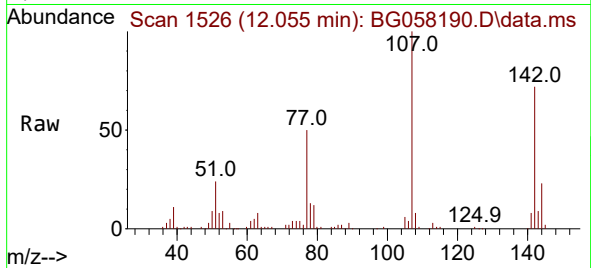




#35
4-Chloro-3-methylphenol
Concen: 19.614 ng/ul
RT: 12.055 min Scan# 1526
Delta R.T. 0.002 min
Lab File: BG058190.D
Acq: 12 Jul 2023 17:16

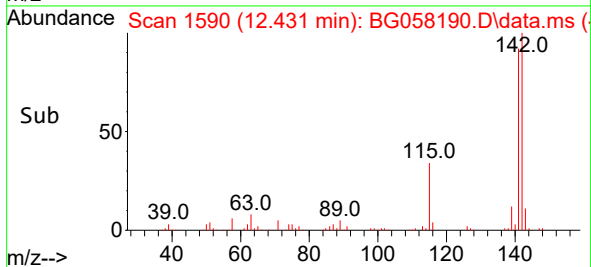
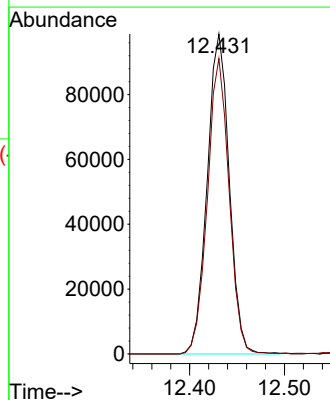
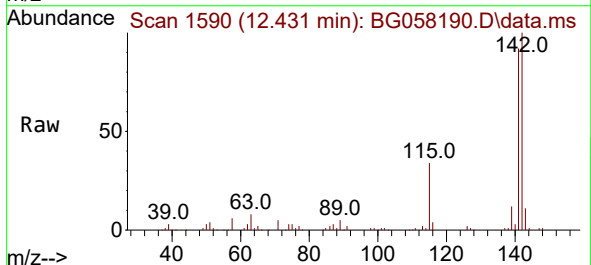
Instrument :
BNA_G
ClientSampleId :
SSTD020511

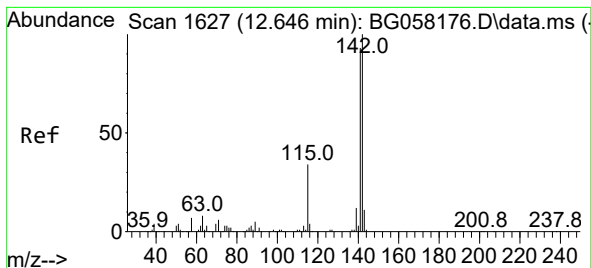
Tgt Ion:107 Resp: 85480
Ion Ratio Lower Upper
107 100
144 23.4 19.0 28.4
142 72.3 58.4 87.6



#36
2-Methylnaphthalene
Concen: 18.971 ng/ul
RT: 12.431 min Scan# 1590
Delta R.T. 0.002 min
Lab File: BG058190.D
Acq: 12 Jul 2023 17:16

Tgt Ion:142 Resp: 159587
Ion Ratio Lower Upper
142 100
141 92.3 69.4 104.2





#37

1-Methylnaphthalene

Concen: 19.363 ng/ul

RT: 12.648 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG058190.D

Acq: 12 Jul 2023 17:16

Instrument :

BNA_G

ClientSampleId :

SSTD020511

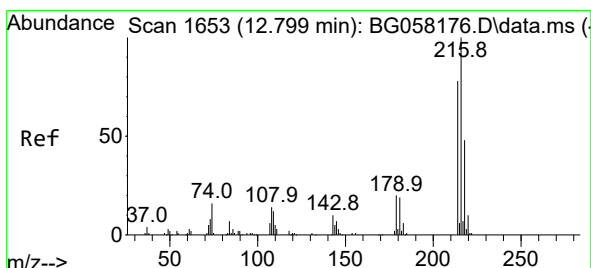
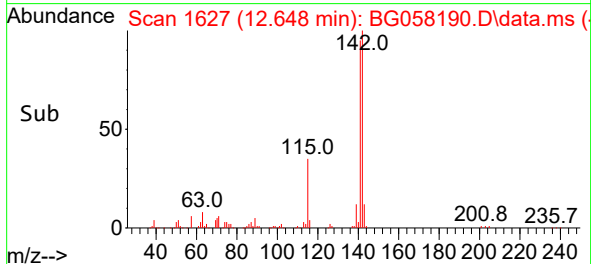
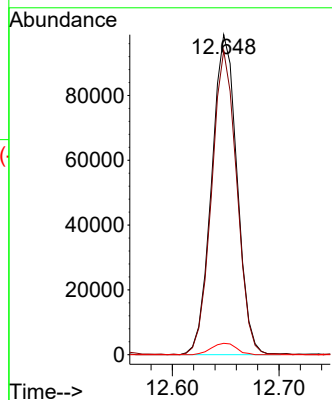
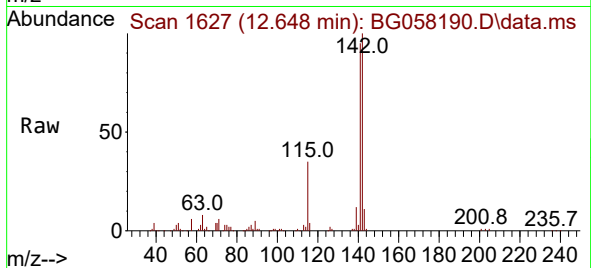
Tgt Ion:142 Resp: 163338

Ion Ratio Lower Upper

142 100

141 95.0 73.8 110.8

116 3.6 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 19.716 ng/ul

RT: 12.795 min Scan# 1652

Delta R.T. -0.004 min

Lab File: BG058190.D

Acq: 12 Jul 2023 17:16

Tgt Ion:216 Resp: 92710

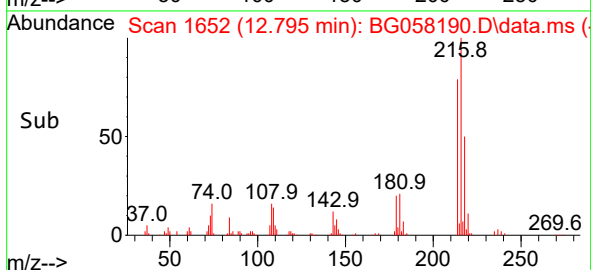
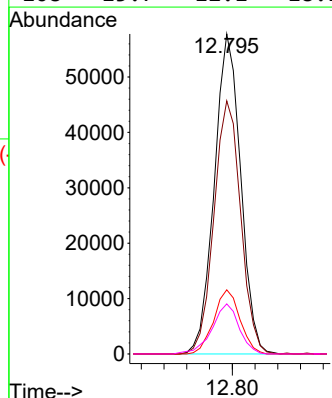
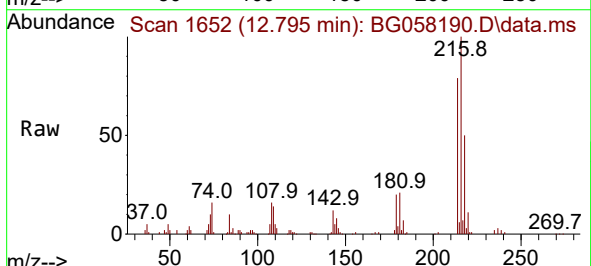
Ion Ratio Lower Upper

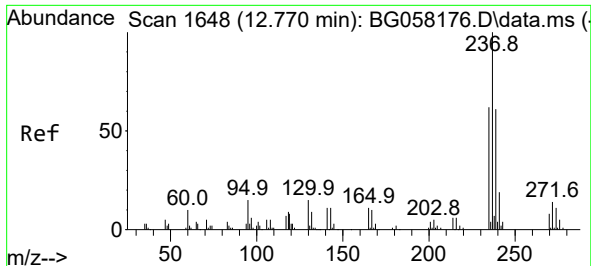
216 100

214 79.1 64.1 96.1

179 20.1 16.0 24.0

108 15.7 12.1 18.1

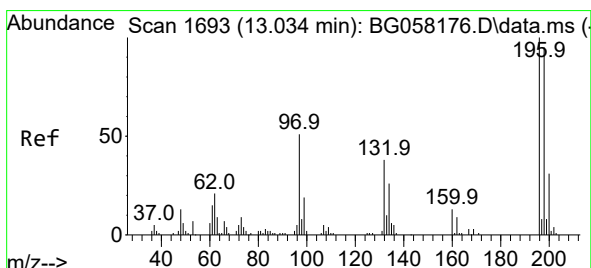
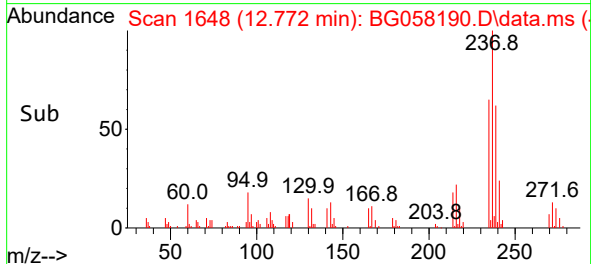
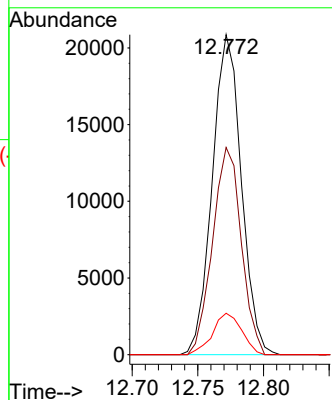
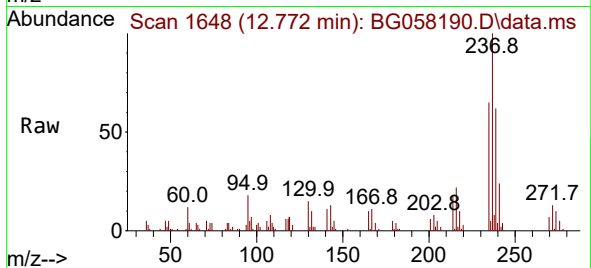




#40
Hexachlorocyclopentadiene
Concen: 10.841 ng/ul
RT: 12.772 min Scan# 1648
Delta R.T. -0.004 min
Lab File: BG058190.D
Acq: 12 Jul 2023 17:16

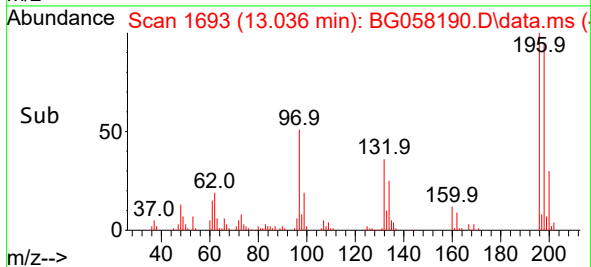
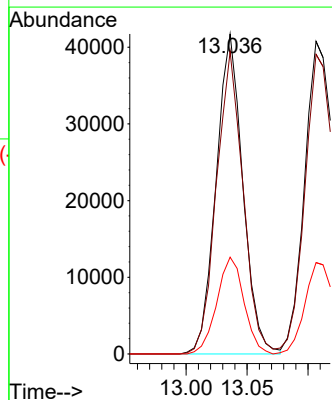
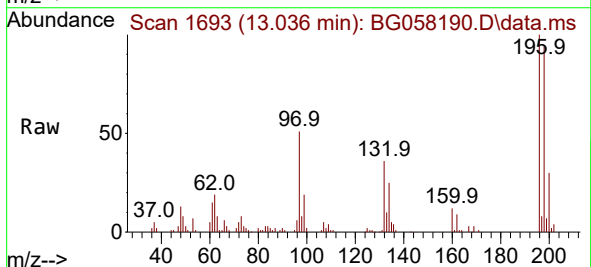
Instrument :
BNA_G
ClientSampleId :
SSTD020511

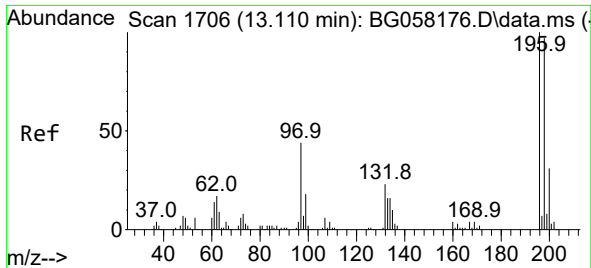
Tgt Ion:237 Resp: 32108
Ion Ratio Lower Upper
237 100
235 64.8 49.2 73.8
272 12.9 10.4 15.6



#41
2,4,6-Trichlorophenol
Concen: 19.963 ng/ul
RT: 13.036 min Scan# 1693
Delta R.T. 0.002 min
Lab File: BG058190.D
Acq: 12 Jul 2023 17:16

Tgt Ion:196 Resp: 63622
Ion Ratio Lower Upper
196 100
198 94.5 73.5 110.3
200 30.3 24.8 37.2

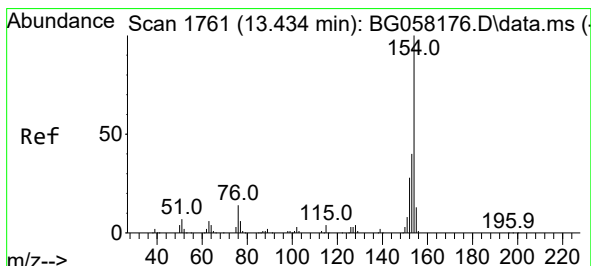
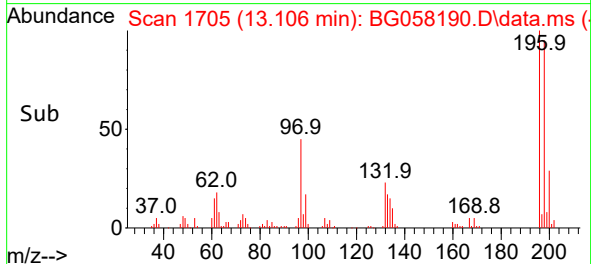
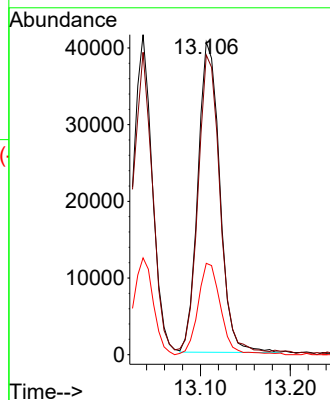
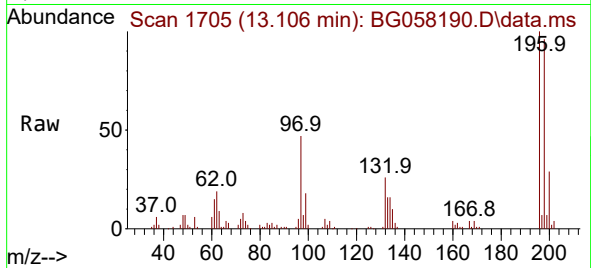




#42
2,4,5-Trichlorophenol
Concen: 19.853 ng/ul
RT: 13.106 min Scan# 1705
Delta R.T. -0.004 min
Lab File: BG058190.D
Acq: 12 Jul 2023 17:16

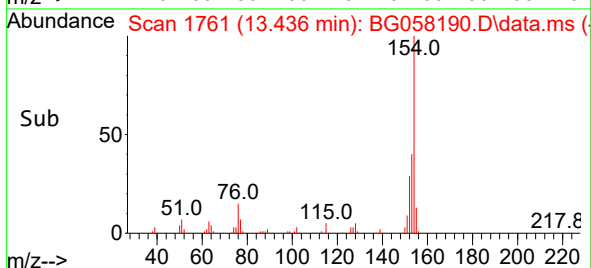
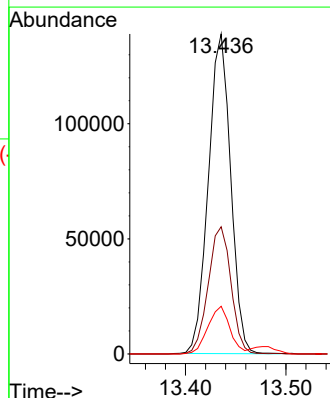
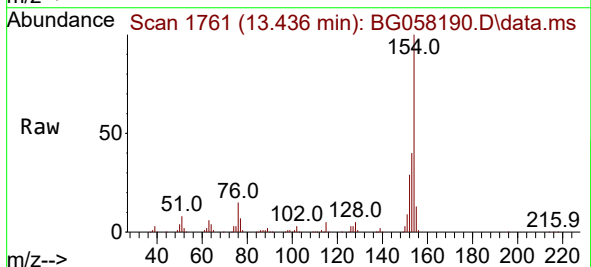
Instrument :
BNA_G
ClientSampleId :
SSTD020511

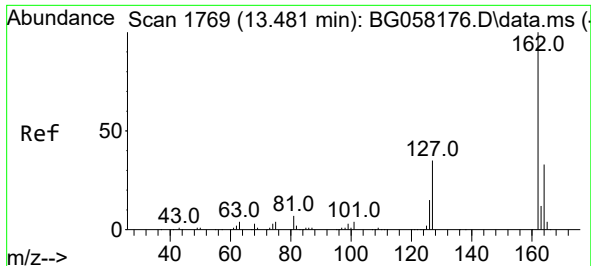
Tgt Ion:196 Resp: 68426
Ion Ratio Lower Upper
196 100
198 95.9 77.2 115.8
200 29.2 23.8 35.6



#43
1,1'-Biphenyl
Concen: 19.334 ng/ul
RT: 13.436 min Scan# 1761
Delta R.T. 0.002 min
Lab File: BG058190.D
Acq: 12 Jul 2023 17:16

Tgt Ion:154 Resp: 214989
Ion Ratio Lower Upper
154 100
153 39.8 32.6 49.0
76 14.9 11.6 17.4

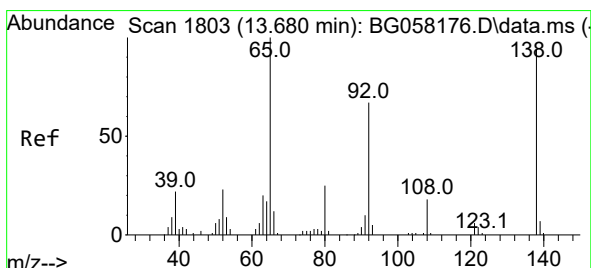
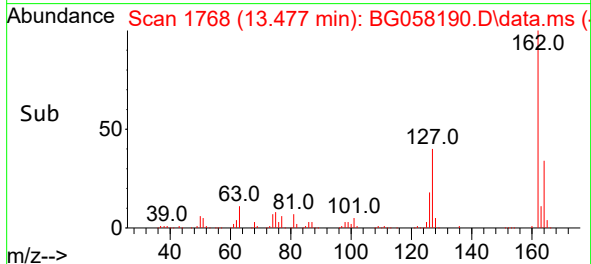
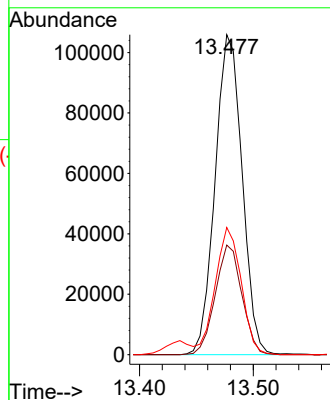
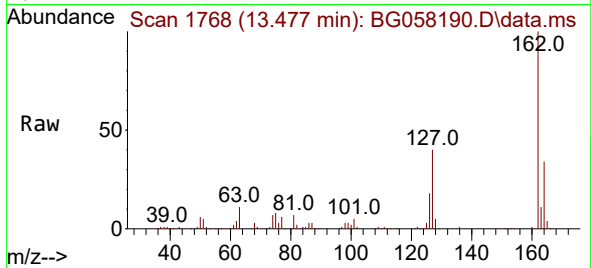




#44
2-Chloronaphthalene
Concen: 19.591 ng/ul
RT: 13.477 min Scan# 1769
Delta R.T. -0.004 min
Lab File: BG058190.D
Acq: 12 Jul 2023 17:16

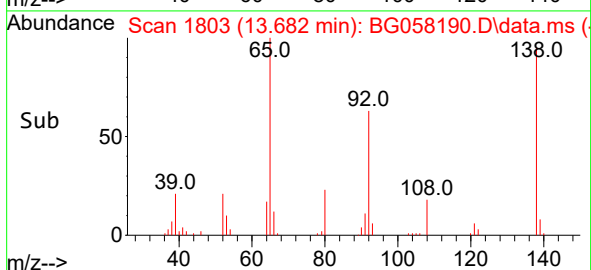
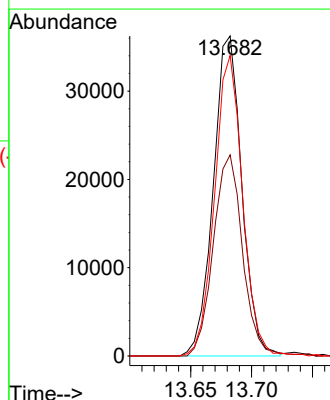
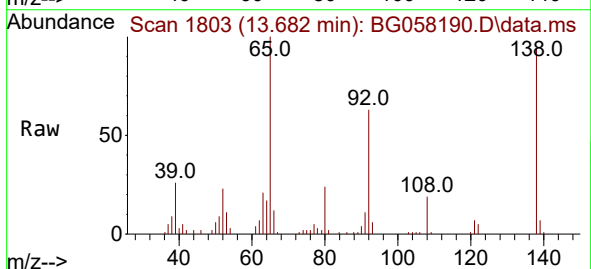
Instrument :
BNA_G
ClientSampleId :
SSTD020511

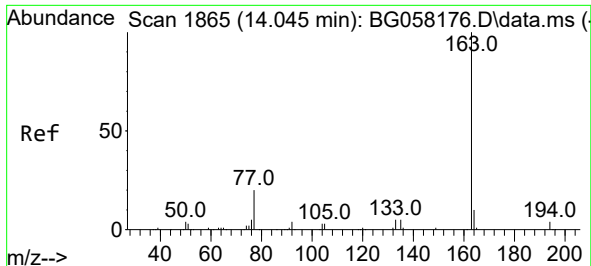
Tgt Ion:162 Resp: 174834
Ion Ratio Lower Upper
162 100
164 34.3 27.7 41.5
127 39.8 30.9 46.3



#45
2-Nitroaniline
Concen: 19.018 ng/ul
RT: 13.682 min Scan# 1803
Delta R.T. 0.002 min
Lab File: BG058190.D
Acq: 12 Jul 2023 17:16

Tgt Ion: 65 Resp: 59008
Ion Ratio Lower Upper
65 100
92 62.9 53.2 79.8
138 93.9 71.1 106.7

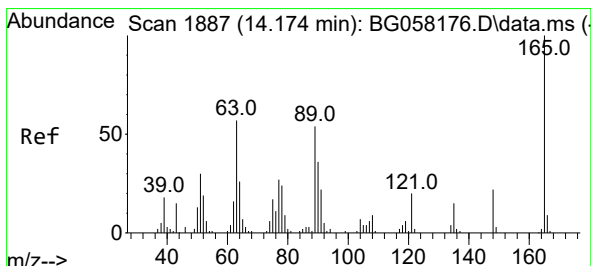
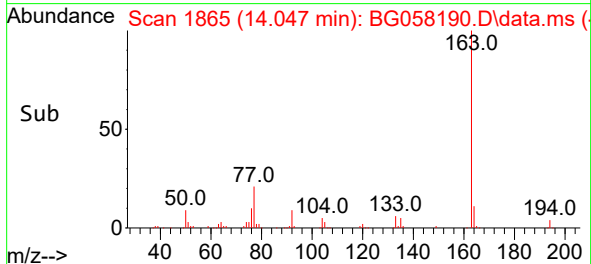
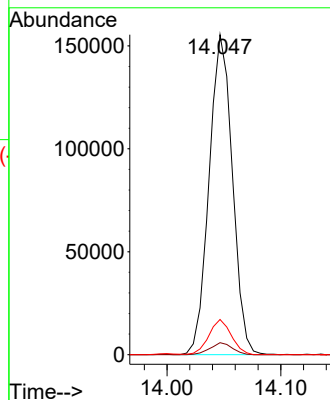
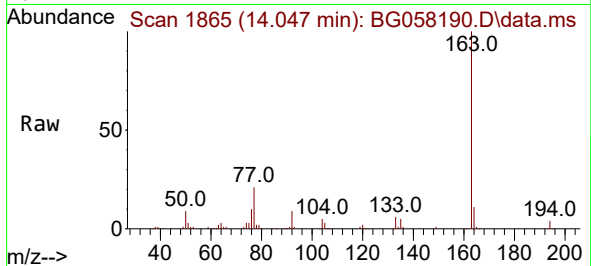




#47
Dimethylphthalate
Concen: 18.070 ng/ul
RT: 14.047 min Scan# 1865
Delta R.T. -0.004 min
Lab File: BG058190.D
Acq: 12 Jul 2023 17:16

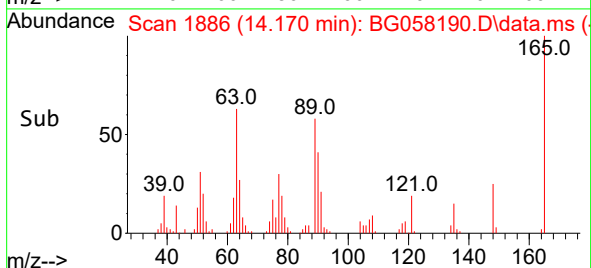
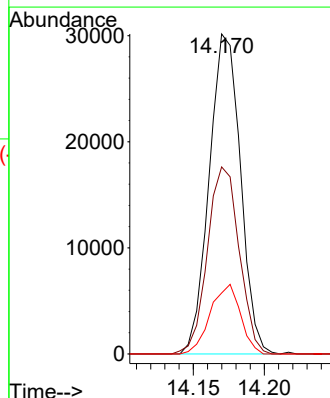
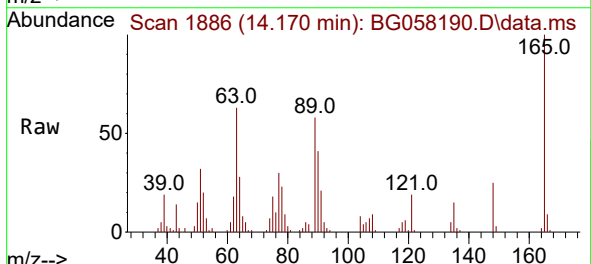
Instrument :
BNA_G
ClientSampleId :
SSTD020511

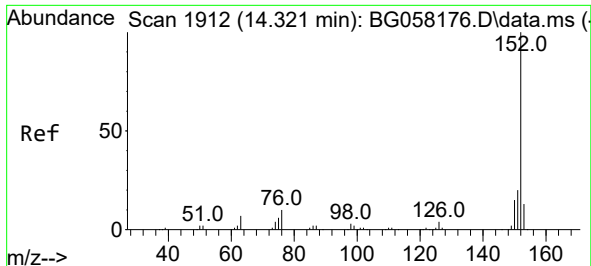
Tgt Ion:163 Resp: 221016
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 11.0 8.6 12.8



#48
2,6-Dinitrotoluene
Concen: 18.362 ng/ul
RT: 14.170 min Scan# 1886
Delta R.T. -0.004 min
Lab File: BG058190.D
Acq: 12 Jul 2023 17:16

Tgt Ion:165 Resp: 46100
Ion Ratio Lower Upper
165 100
89 58.5 42.7 64.1
121 19.0 14.8 22.2

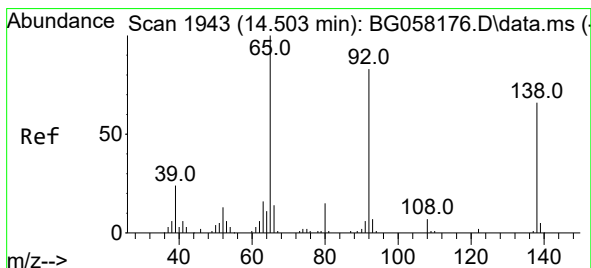
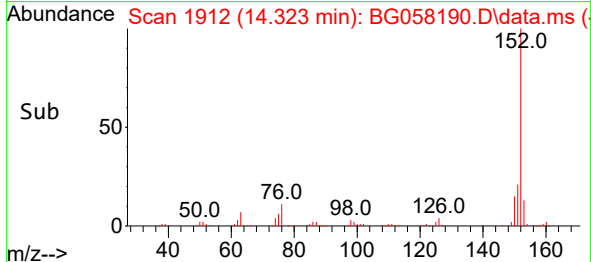
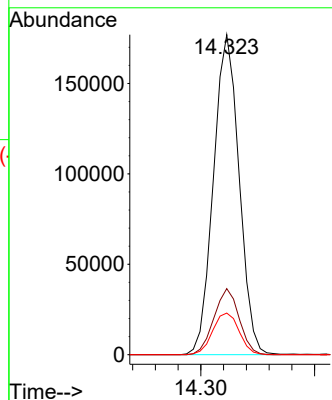
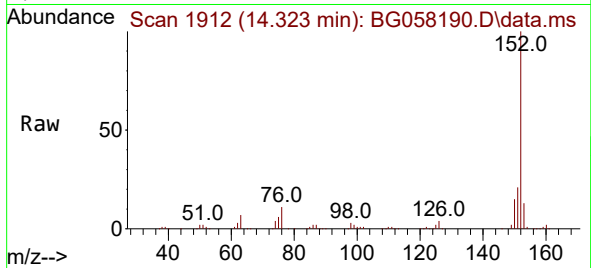




#50
Acenaphthylene
Concen: 19.321 ng/ul
RT: 14.323 min Scan# 1912
Delta R.T. -0.004 min
Lab File: BG058190.D
Acq: 12 Jul 2023 17:16

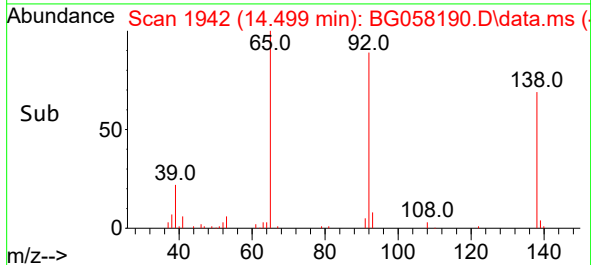
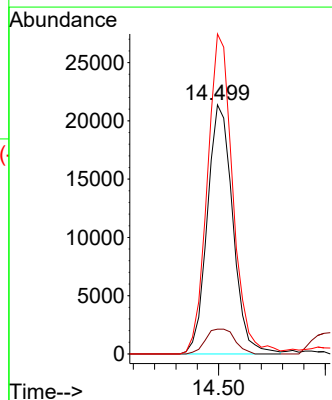
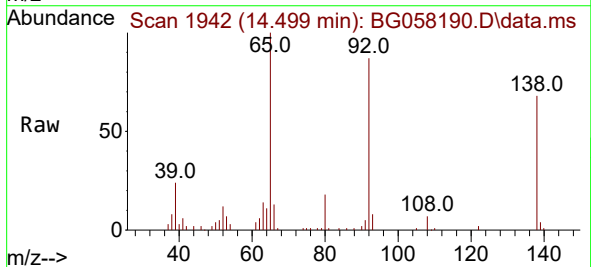
Instrument :
BNA_G
ClientSampleId :
SSTD020511

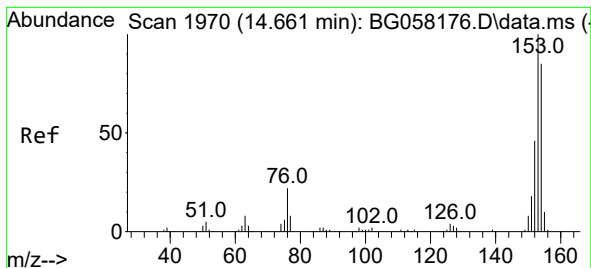
Tgt Ion:152 Resp: 277180
Ion Ratio Lower Upper
152 100
151 20.6 15.6 23.4
153 13.0 10.5 15.7



#51
3-Nitroaniline
Concen: 16.733 ng/ul
RT: 14.499 min Scan# 1942
Delta R.T. -0.004 min
Lab File: BG058190.D
Acq: 12 Jul 2023 17:16

Tgt Ion:138 Resp: 35502
Ion Ratio Lower Upper
138 100
108 10.0 8.2 12.2
92 128.5 100.2 150.4





#52

Acenaphthene

Concen: 19.262 ng/ul

RT: 14.663 min Scan# 1970

Delta R.T. 0.002 min

Lab File: BG058190.D

Acq: 12 Jul 2023 17:16

Instrument :

BNA_G

ClientSampleId :

SSTD020511

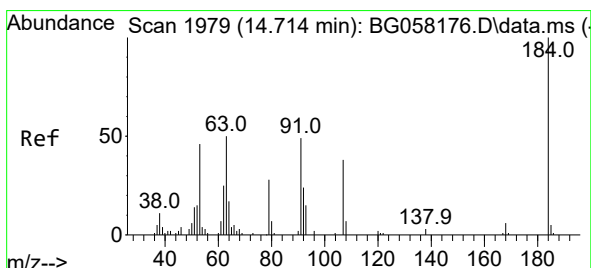
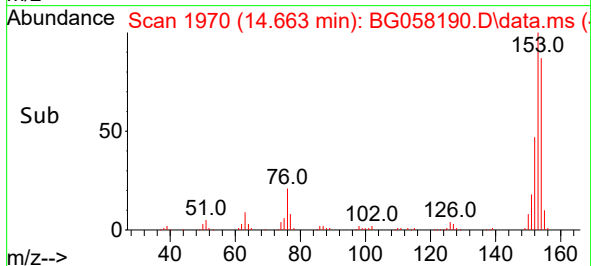
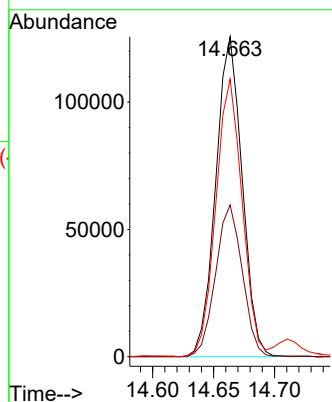
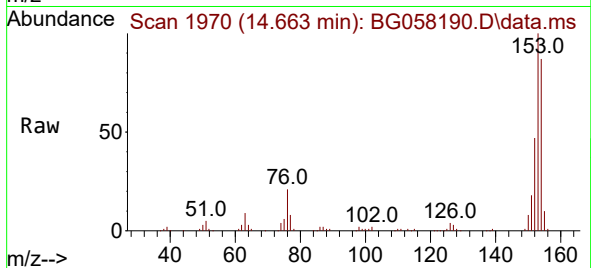
Tgt Ion:153 Resp: 189622

Ion Ratio Lower Upper

153 100

152 47.5 36.5 54.7

154 86.8 70.5 105.7



#53

2,4-Dinitrophenol

Concen: 14.455 ng/ul

RT: 14.710 min Scan# 1978

Delta R.T. -0.004 min

Lab File: BG058190.D

Acq: 12 Jul 2023 17:16

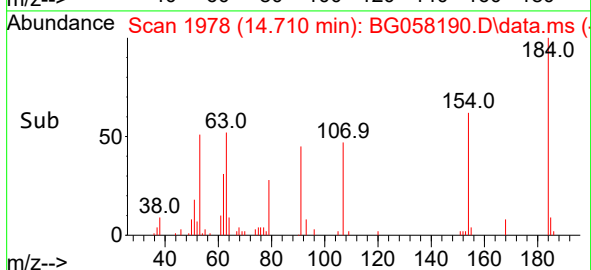
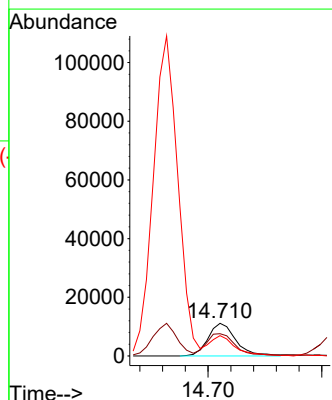
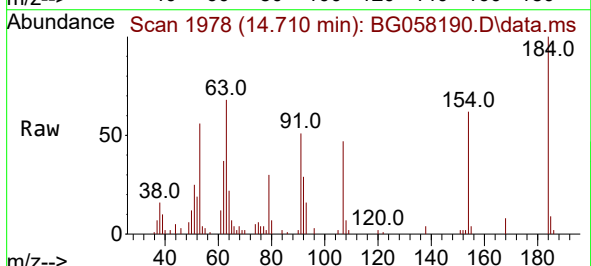
Tgt Ion:184 Resp: 18920

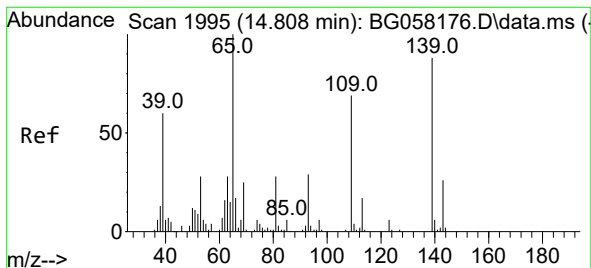
Ion Ratio Lower Upper

184 100

63 68.0 51.1 76.7

154 62.0 43.3 64.9

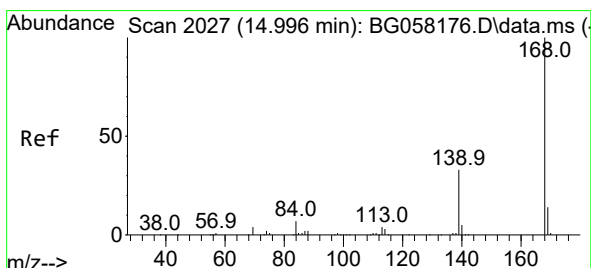
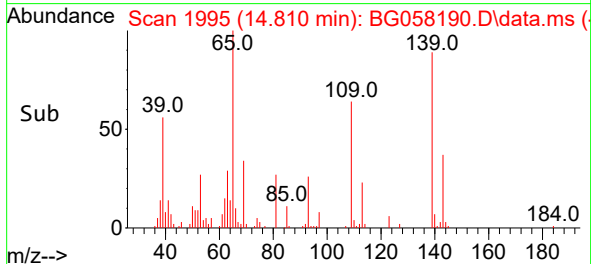
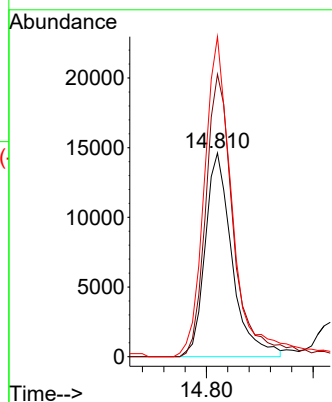
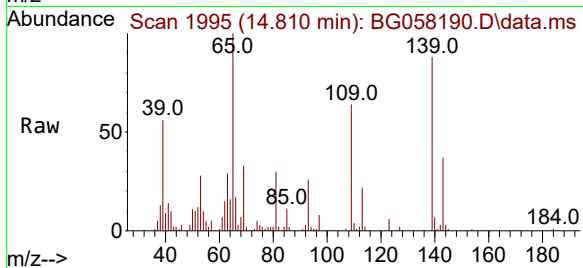




#55
4-Nitrophenol
Concen: 16.091 ng/ul
RT: 14.810 min Scan# 1995
Delta R.T. -0.004 min
Lab File: BG058190.D
Acq: 12 Jul 2023 17:16

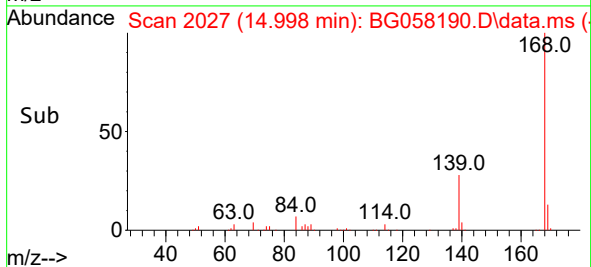
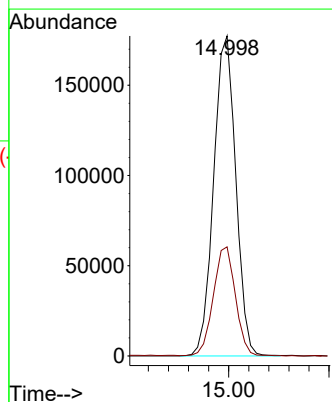
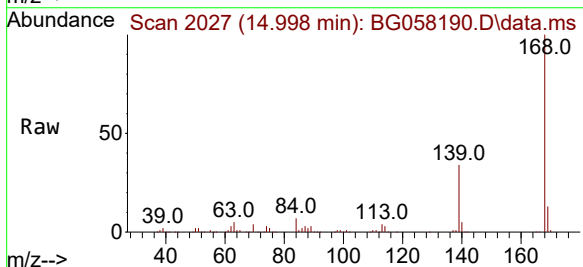
Instrument :
BNA_G
ClientSampleId :
SSTD020511

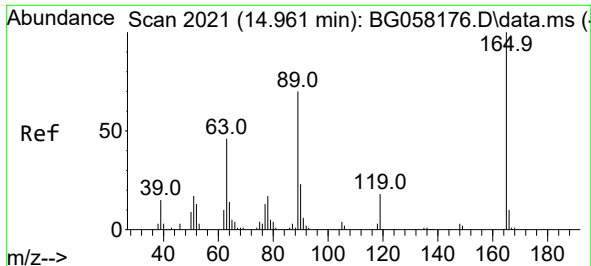
Tgt Ion:109 Resp: 25639
Ion Ratio Lower Upper
109 100
139 138.6 119.0 178.4
65 157.1 135.5 203.3



#56
Dibenzofuran
Concen: 19.396 ng/ul
RT: 14.998 min Scan# 2027
Delta R.T. 0.002 min
Lab File: BG058190.D
Acq: 12 Jul 2023 17:16

Tgt Ion:168 Resp: 271424
Ion Ratio Lower Upper
168 100
139 34.1 27.6 41.4

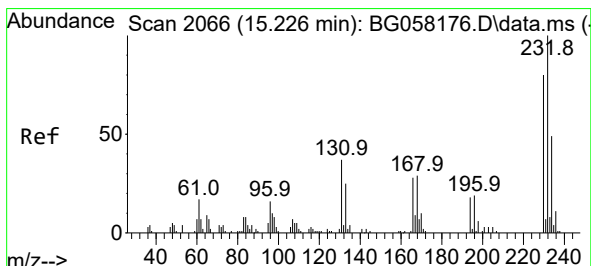
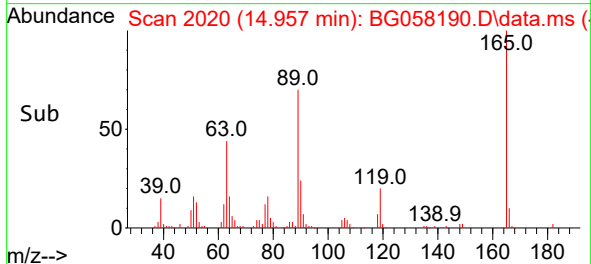
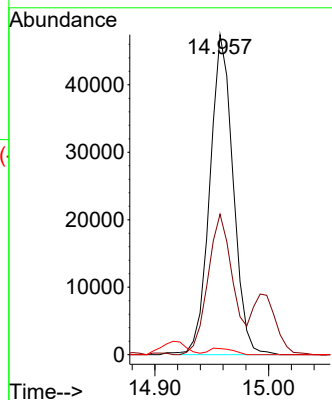
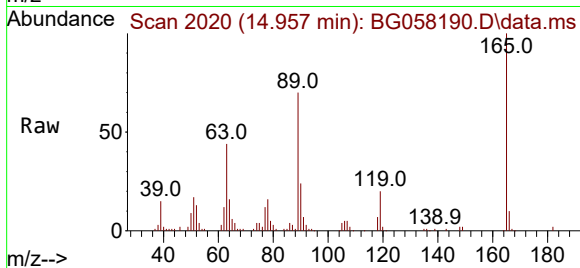




#57
2,4-Dinitrotoluene
Concen: 18.935 ng/ul
RT: 14.957 min Scan# 20
Delta R.T. -0.004 min
Lab File: BG058190.D
Acq: 12 Jul 2023 17:16

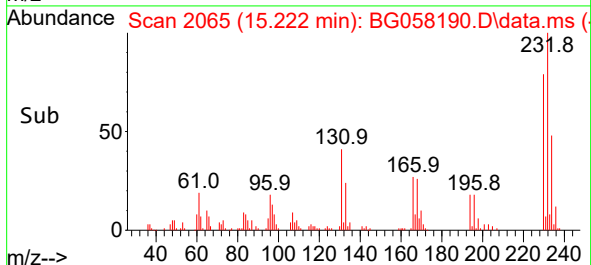
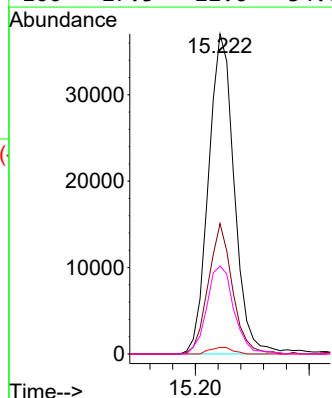
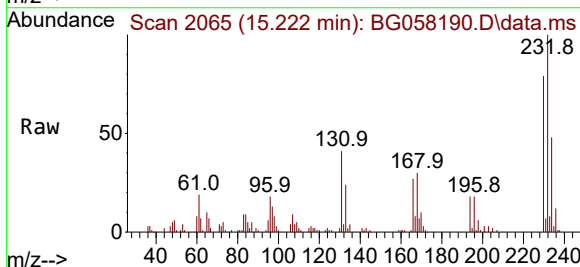
Instrument :
BNA_G
ClientSampleId :
SSTD020511

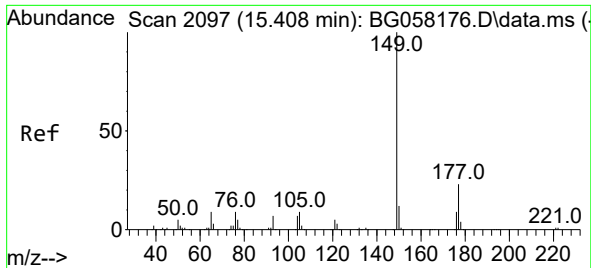
Tgt Ion:165 Resp: 67356
Ion Ratio Lower Upper
165 100
63 43.9 35.8 53.8
182 1.9 1.6 2.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 18.550 ng/ul
RT: 15.222 min Scan# 2065
Delta R.T. -0.004 min
Lab File: BG058190.D
Acq: 12 Jul 2023 17:16

Tgt Ion:232 Resp: 58203
Ion Ratio Lower Upper
232 100
131 40.7 30.5 45.7
130 2.0 1.4 2.0
166 27.5 22.6 34.0

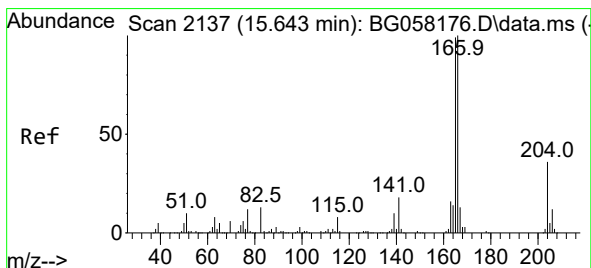
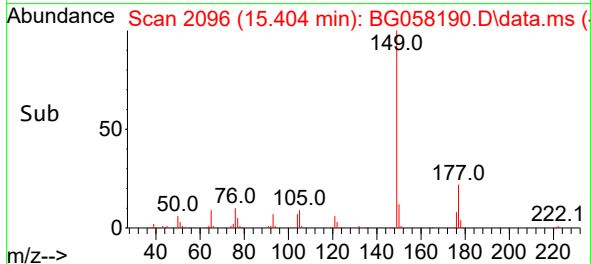
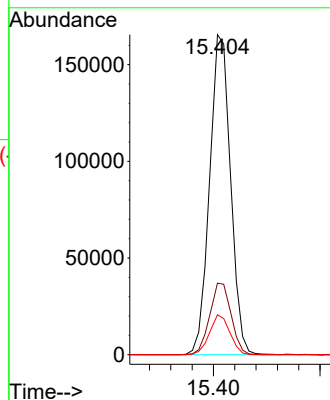
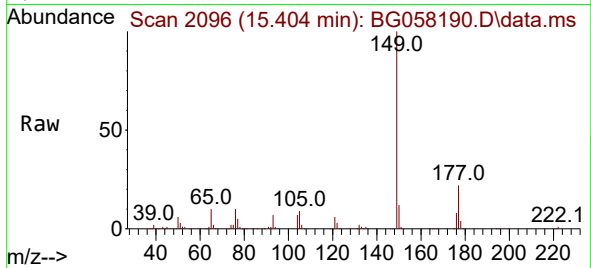




#59
Diethylphthalate
Concen: 17.673 ng/ul
RT: 15.404 min Scan# 2096
Delta R.T. -0.004 min
Lab File: BG058190.D
Acq: 12 Jul 2023 17:16

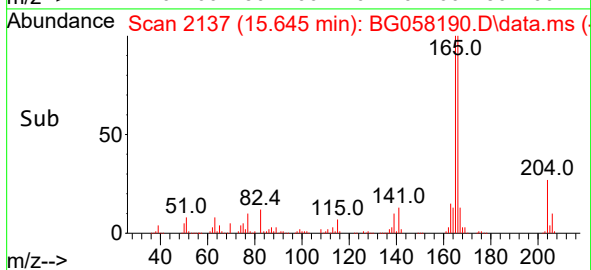
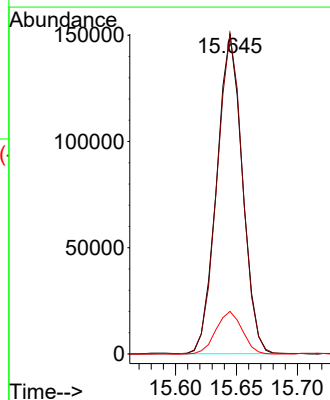
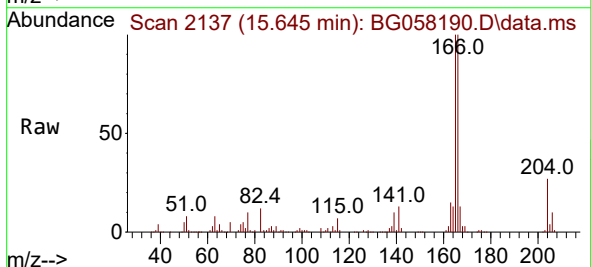
Instrument :
BNA_G
ClientSampleId :
SSTD020511

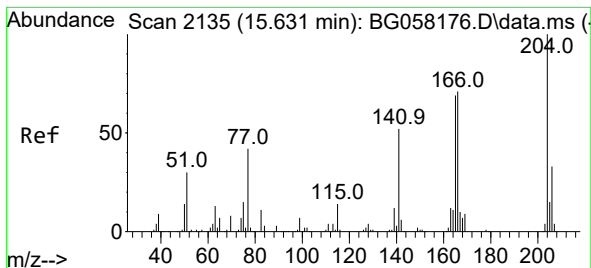
Tgt Ion:149 Resp: 225618
Ion Ratio Lower Upper
149 100
177 22.4 17.8 26.8
150 12.5 10.1 15.1



#61
Fluorene
Concen: 19.198 ng/ul
RT: 15.645 min Scan# 2137
Delta R.T. -0.004 min
Lab File: BG058190.D
Acq: 12 Jul 2023 17:16

Tgt Ion:166 Resp: 220434
Ion Ratio Lower Upper
166 100
165 100.0 79.1 118.7
167 13.3 10.7 16.1

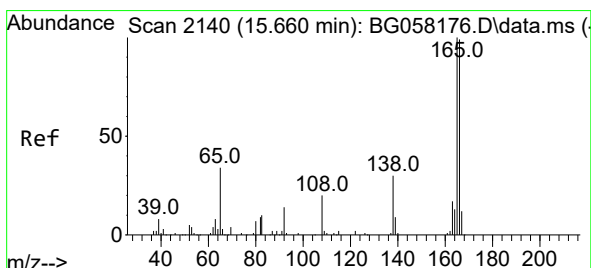
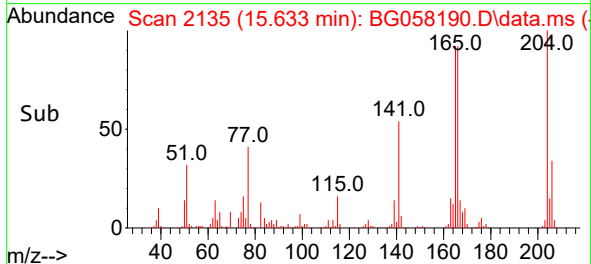
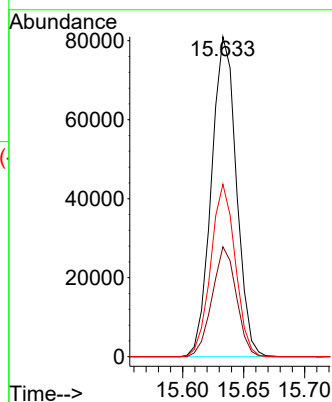
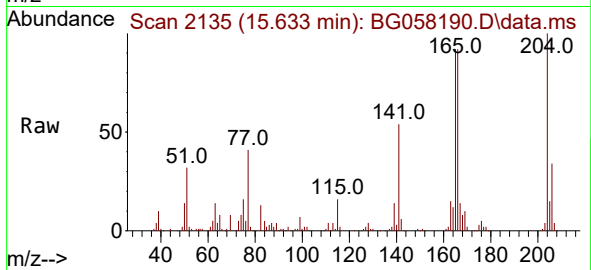




#62
4-Chlorophenyl-phenylether
Concen: 18.994 ng/ul
RT: 15.633 min Scan# 2135
Delta R.T. -0.004 min
Lab File: BG058190.D
Acq: 12 Jul 2023 17:16

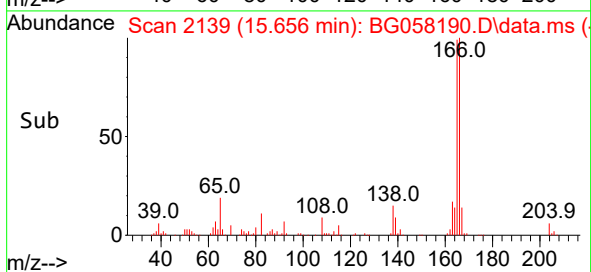
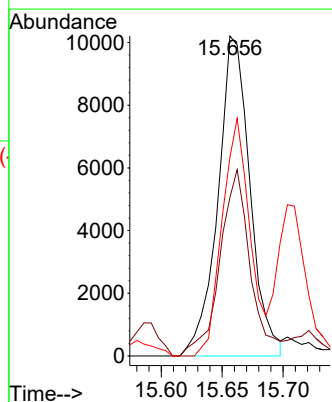
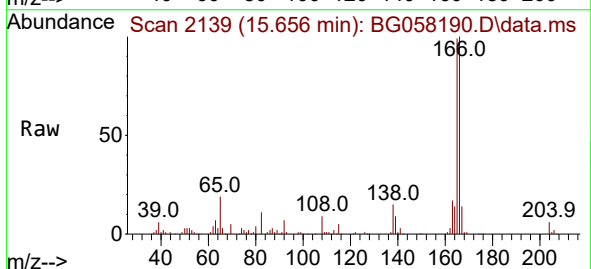
Instrument :
BNA_G
ClientSampleId :
SSTD020511

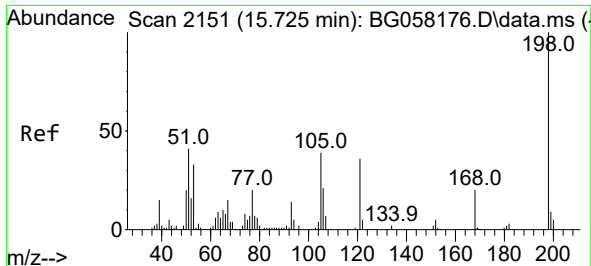
Tgt Ion:204 Resp: 115397
Ion Ratio Lower Upper
204 100
206 34.4 25.8 38.6
141 53.9 41.8 62.6



#63
4-Nitroaniline
Concen: 9.839 ng/ul
RT: 15.656 min Scan# 2139
Delta R.T. -0.004 min
Lab File: BG058190.D
Acq: 12 Jul 2023 17:16

Tgt Ion:138 Resp: 18700
Ion Ratio Lower Upper
138 100
92 49.6 43.8 65.8
108 62.2 58.8 88.2

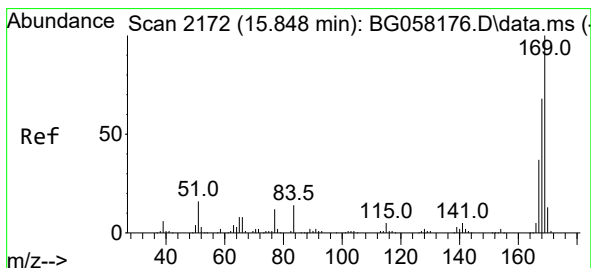
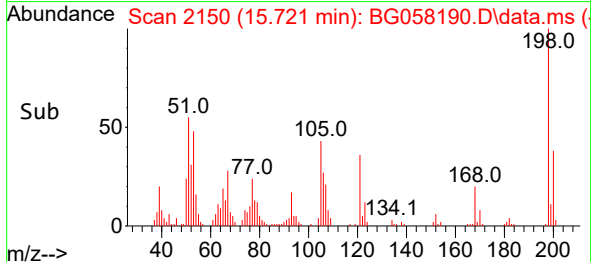
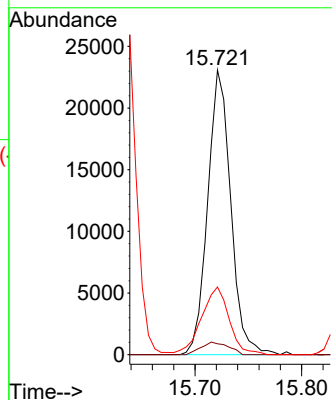
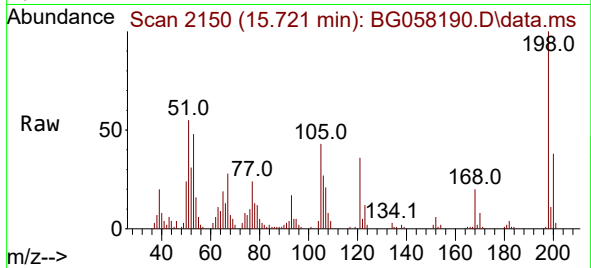




#66
 4,6-Dinitro-2-methylphenol
 Concen: 17.595 ng/ul
 RT: 15.721 min Scan# 2150
 Delta R.T. 0.002 min
 Lab File: BG058190.D
 Acq: 12 Jul 2023 17:16

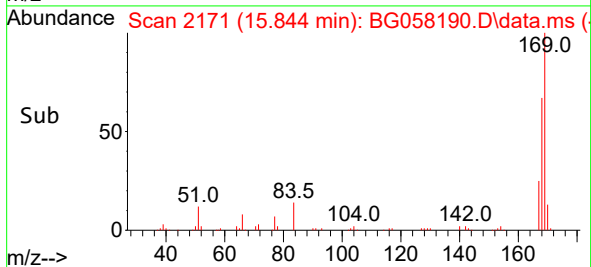
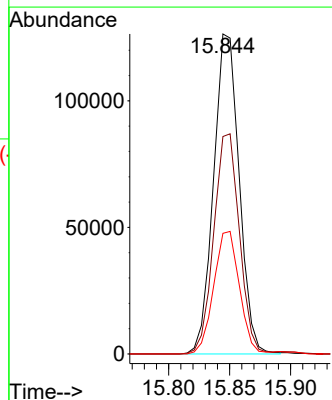
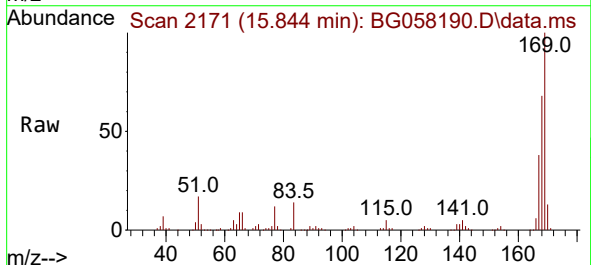
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020511

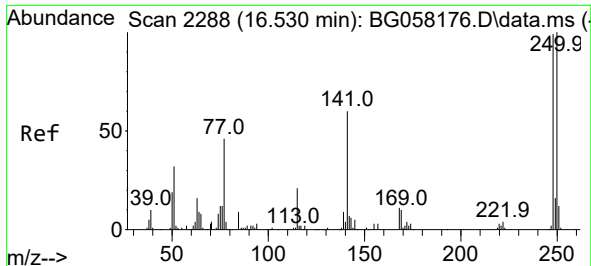
Tgt Ion:198 Resp: 34716
 Ion Ratio Lower Upper
 198 100
 182 3.8 3.1 4.7
 77 23.8 17.9 26.9



#67
 N-Nitrosodiphenylamine
 Concen: 19.546 ng/ul
 RT: 15.844 min Scan# 2171
 Delta R.T. -0.004 min
 Lab File: BG058190.D
 Acq: 12 Jul 2023 17:16

Tgt Ion:169 Resp: 184833
 Ion Ratio Lower Upper
 169 100
 168 68.0 54.2 81.2
 167 37.7 30.8 46.2

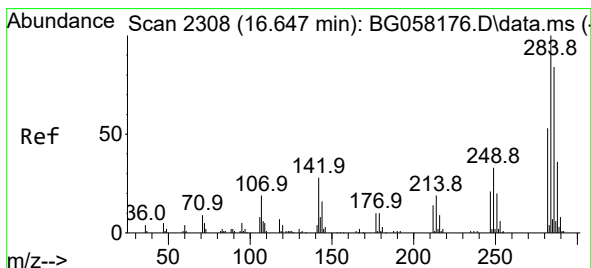
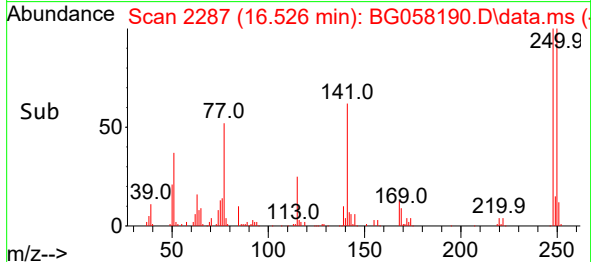
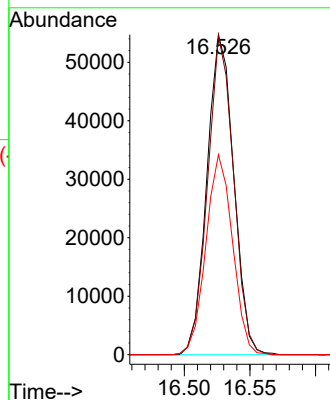
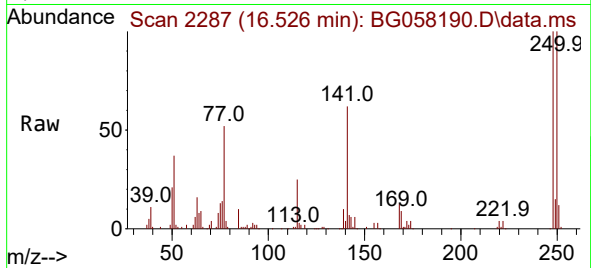




#68
4-Bromophenyl-phenylether
Concen: 19.942 ng/ul
RT: 16.526 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG058190.D
Acq: 12 Jul 2023 17:16

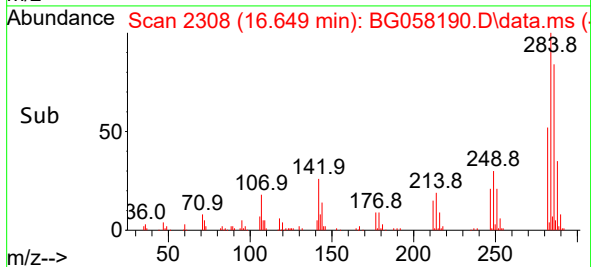
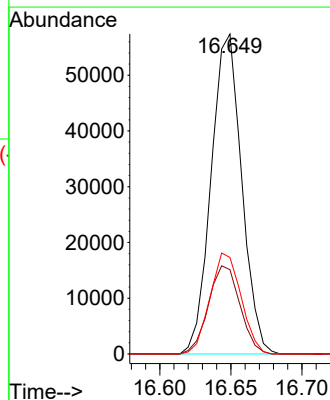
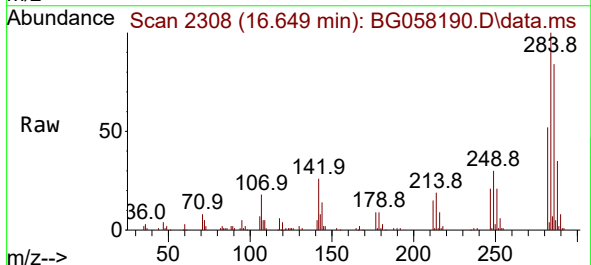
Instrument :
BNA_G
ClientSampleId :
SSTD020511

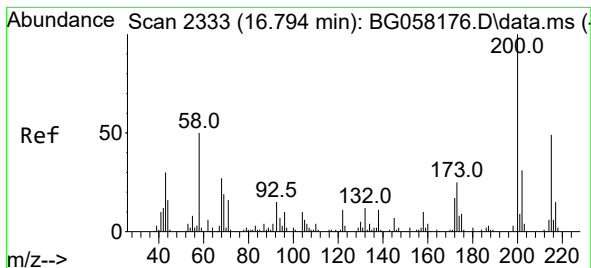
Tgt Ion:248 Resp: 77779
Ion Ratio Lower Upper
248 100
250 99.8 78.3 117.5
141 62.5 49.1 73.7



#69
Hexachlorobenzene
Concen: 19.661 ng/ul
RT: 16.649 min Scan# 2308
Delta R.T. 0.002 min
Lab File: BG058190.D
Acq: 12 Jul 2023 17:16

Tgt Ion:284 Resp: 85857
Ion Ratio Lower Upper
284 100
142 26.4 21.9 32.9
249 30.2 25.0 37.6





#70

Atrazine

Concen: 18.236 ng/ul

RT: 16.790 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG058190.D

Acq: 12 Jul 2023 17:16

Instrument :

BNA_G

ClientSampleId :

SSTD020511

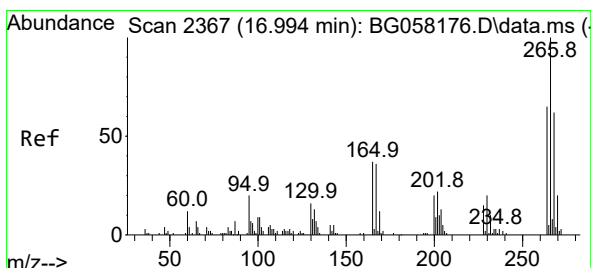
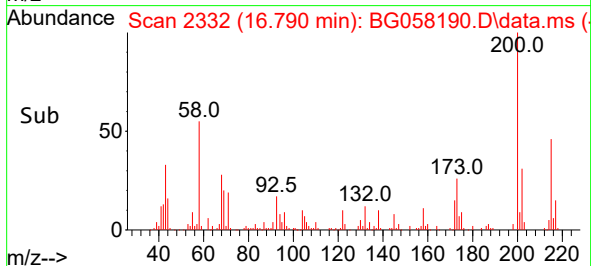
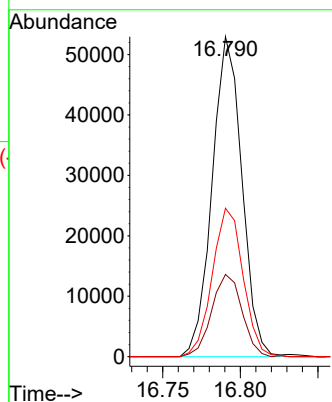
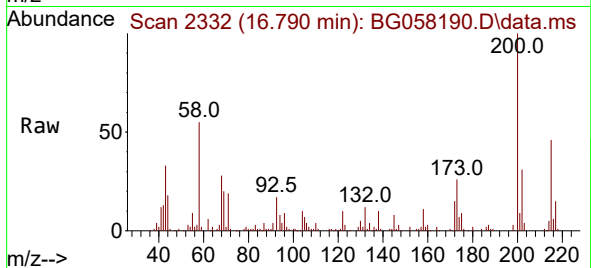
Tgt Ion:200 Resp: 70516

Ion Ratio Lower Upper

200 100

173 25.7 20.0 30.0

215 46.4 35.8 53.8



#71

Pentachlorophenol

Concen: 15.820 ng/ul

RT: 16.990 min Scan# 2366

Delta R.T. -0.004 min

Lab File: BG058190.D

Acq: 12 Jul 2023 17:16

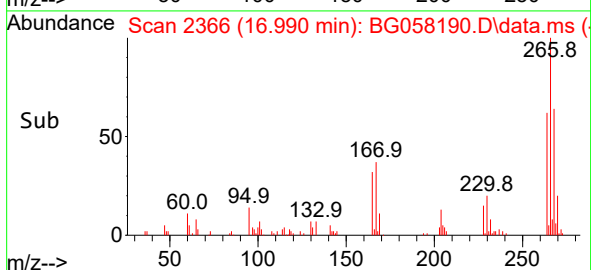
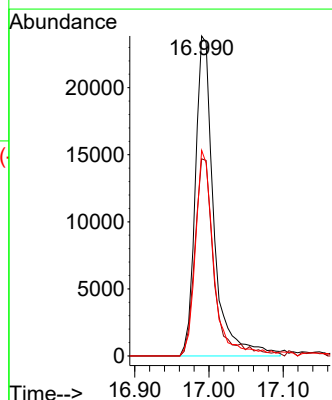
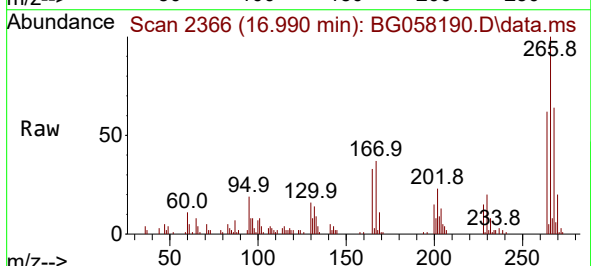
Tgt Ion:266 Resp: 41475

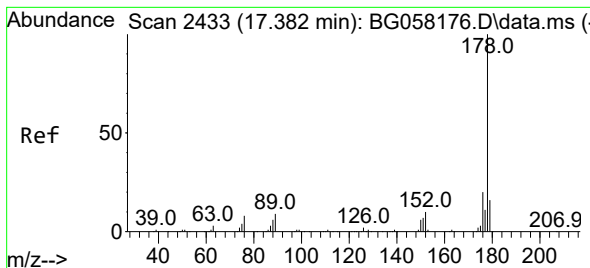
Ion Ratio Lower Upper

266 100

264 61.6 51.5 77.3

268 64.3 49.0 73.4





#72

Phenanthrene

Concen: 19.159 ng/ul

RT: 17.384 min Scan# 2433

Delta R.T. 0.002 min

Lab File: BG058190.D

Acq: 12 Jul 2023 17:16

Instrument :

BNA_G

ClientSampleId :

SSTD020511

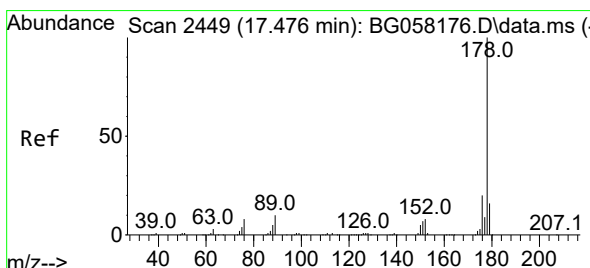
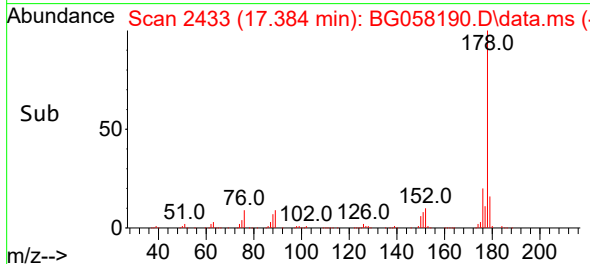
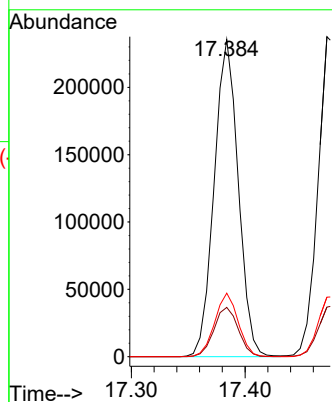
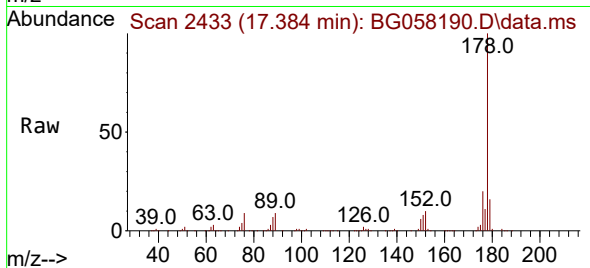
Tgt Ion:178 Resp: 346281

Ion Ratio Lower Upper

178 100

179 15.5 12.8 19.2

176 20.0 15.7 23.5



#74

Anthracene

Concen: 19.247 ng/ul

RT: 17.472 min Scan# 2448

Delta R.T. -0.004 min

Lab File: BG058190.D

Acq: 12 Jul 2023 17:16

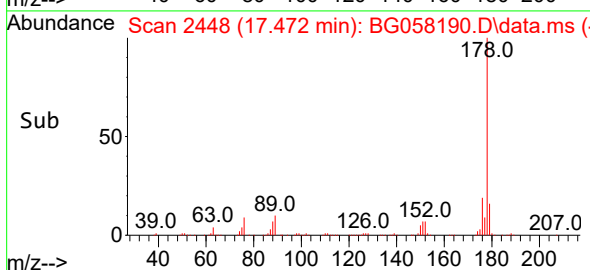
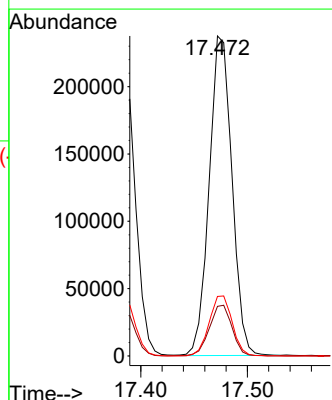
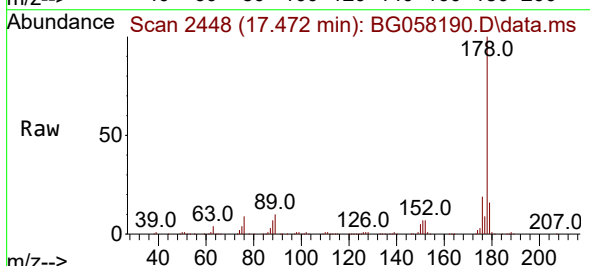
Tgt Ion:178 Resp: 352022

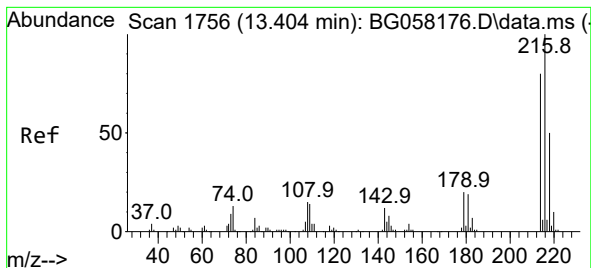
Ion Ratio Lower Upper

178 100

179 15.5 12.6 18.8

176 18.6 15.4 23.2

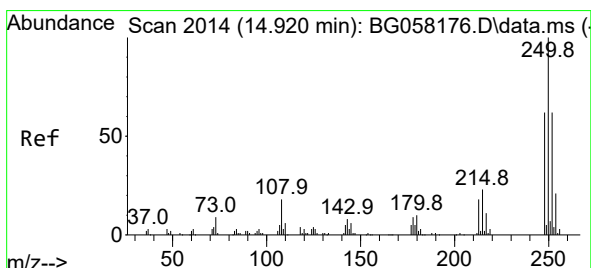
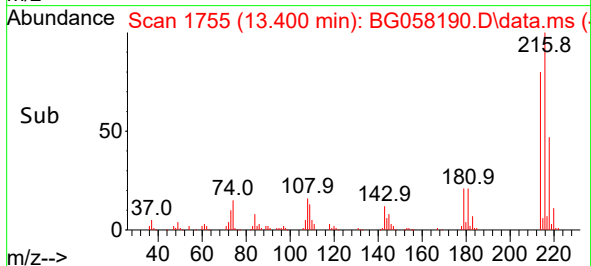
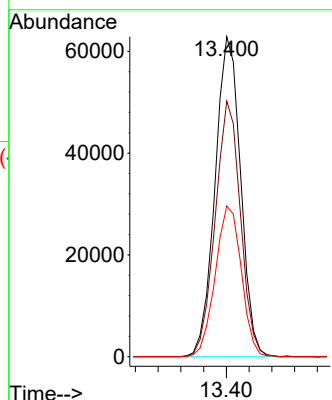
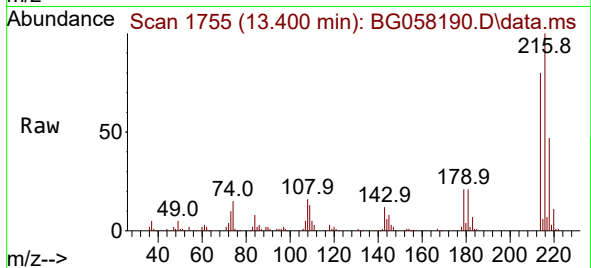




#75
1,2,3,4-Tetrachlorobenzene
Concen: 20.797 ng/uL
RT: 13.400 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG058190.D
Acq: 12 Jul 2023 17:16

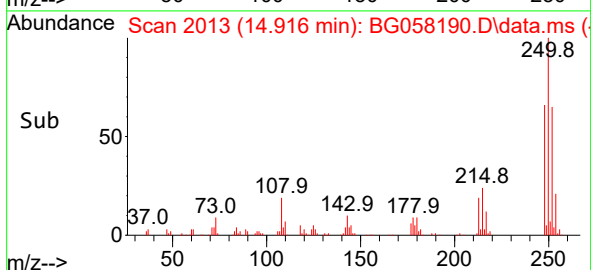
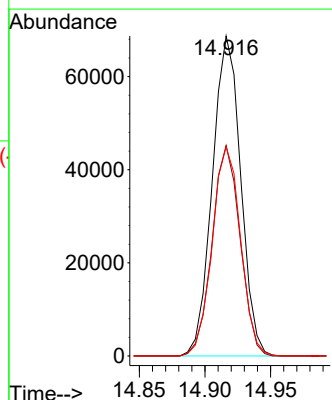
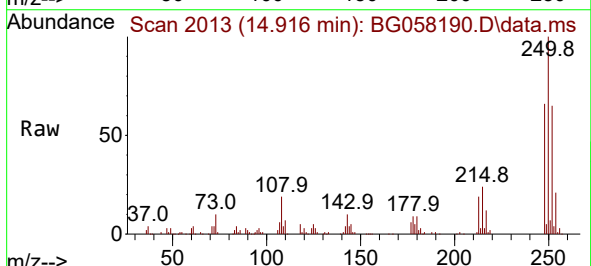
Instrument :
BNA_G
ClientSampleId :
SSTD020511

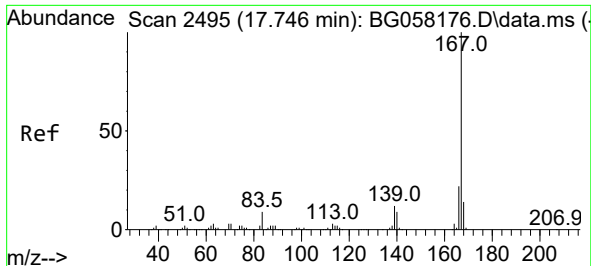
Tgt Ion:216 Resp: 98005
Ion Ratio Lower Upper
216 100
214 79.9 64.8 97.2
218 47.1 39.1 58.7



#76
Pentachlorobenzene
Concen: 20.479 ng/uL
RT: 14.916 min Scan# 2013
Delta R.T. -0.004 min
Lab File: BG058190.D
Acq: 12 Jul 2023 17:16

Tgt Ion:250 Resp: 103066
Ion Ratio Lower Upper
250 100
248 65.7 52.8 79.2
252 65.4 52.4 78.6

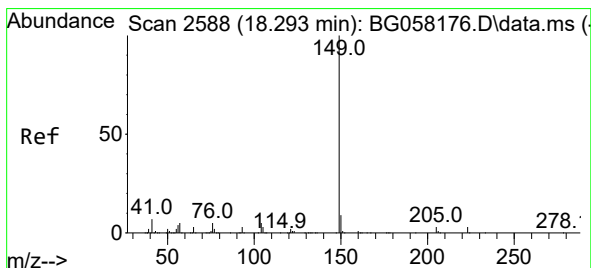
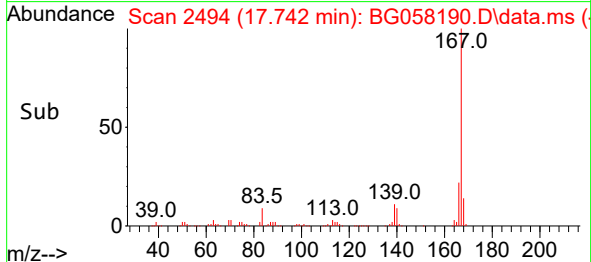
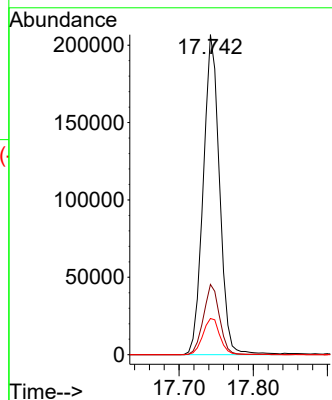
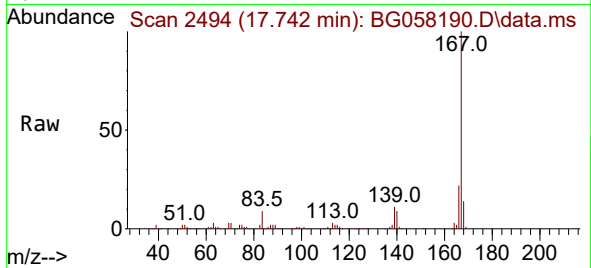




#77
 Carbazole
 Concen: 19.092 ng/ul
 RT: 17.742 min Scan# 2494
 Delta R.T. -0.004 min
 Lab File: BG058190.D
 Acq: 12 Jul 2023 17:16

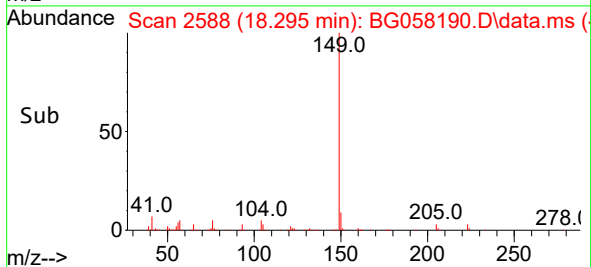
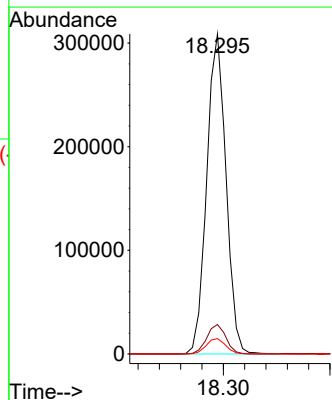
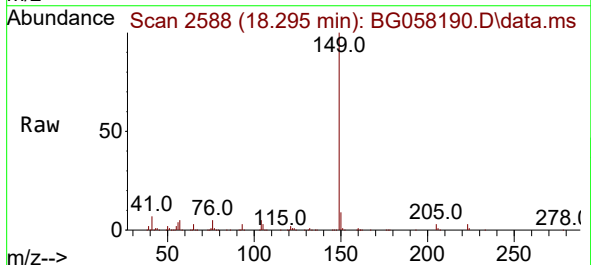
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020511

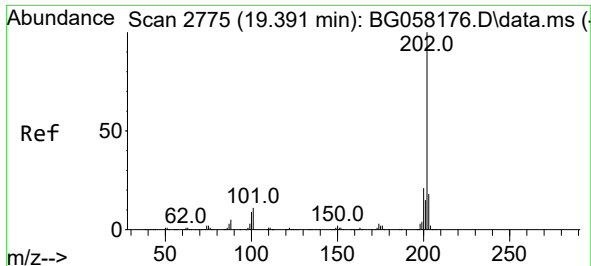
Tgt Ion:167 Resp: 315811
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.5 26.3
 139 11.3 9.5 14.3



#78
 Di-n-butylphthalate
 Concen: 18.407 ng/ul
 RT: 18.295 min Scan# 2588
 Delta R.T. -0.004 min
 Lab File: BG058190.D
 Acq: 12 Jul 2023 17:16

Tgt Ion:149 Resp: 387857
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.8 3.9 5.9

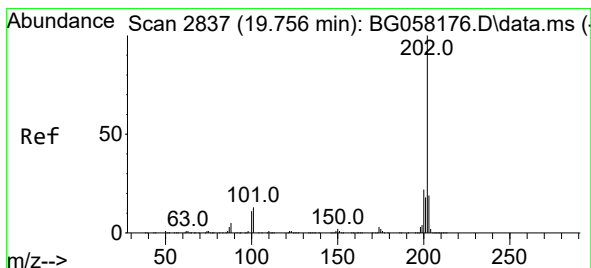
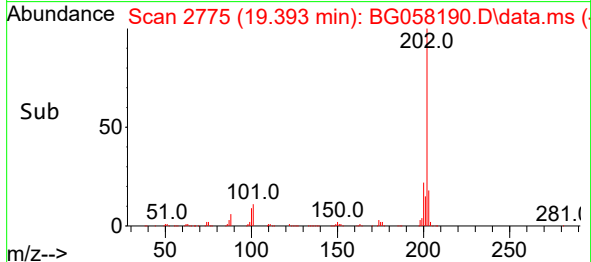
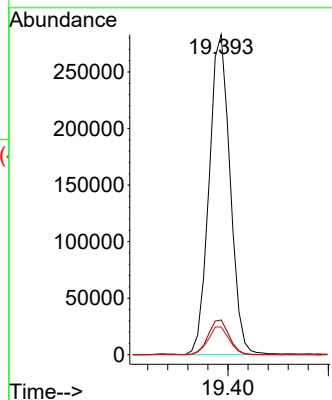
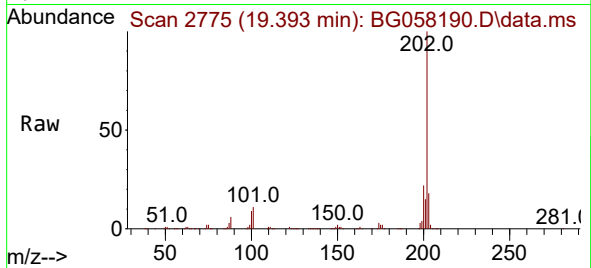




#80
Fluoranthene
Concen: 18.226 ng/ul
RT: 19.393 min Scan# 2775
Delta R.T. 0.002 min
Lab File: BG058190.D
Acq: 12 Jul 2023 17:16

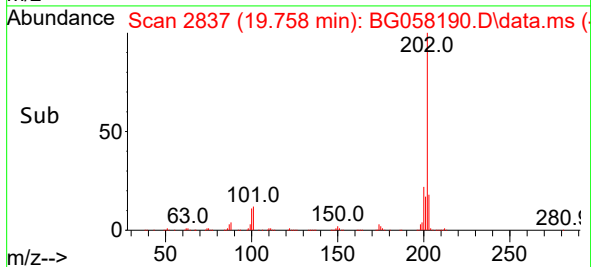
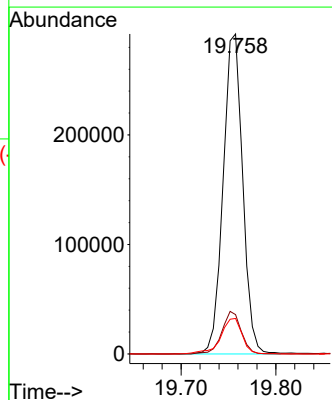
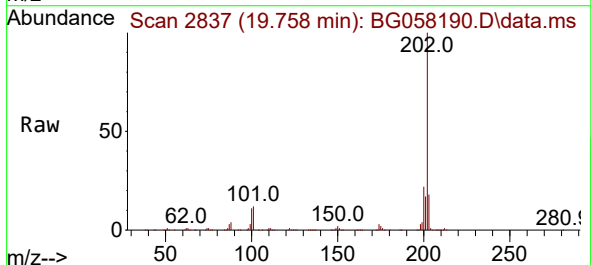
Instrument :
BNA_G
ClientSampleId :
SSTD020511

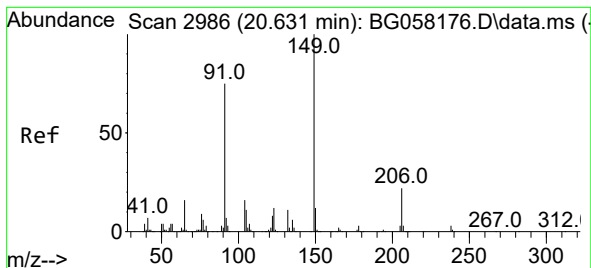
Tgt Ion:202 Resp: 411276
Ion Ratio Lower Upper
202 100
101 10.8 9.1 13.7
100 8.6 7.1 10.7



#82
Pyrene
Concen: 18.440 ng/ul
RT: 19.758 min Scan# 2837
Delta R.T. 0.002 min
Lab File: BG058190.D
Acq: 12 Jul 2023 17:16

Tgt Ion:202 Resp: 418846
Ion Ratio Lower Upper
202 100
101 12.3 10.2 15.2
100 11.1 8.9 13.3





#83

Butylbenzylphthalate

Concen: 18.793 ng/ul

RT: 20.633 min Scan# 2986

Delta R.T. -0.004 min

Lab File: BG058190.D

Acq: 12 Jul 2023 17:16

Instrument :

BNA_G

ClientSampleId :

SSTD020511

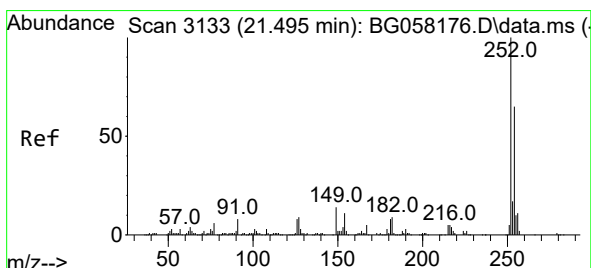
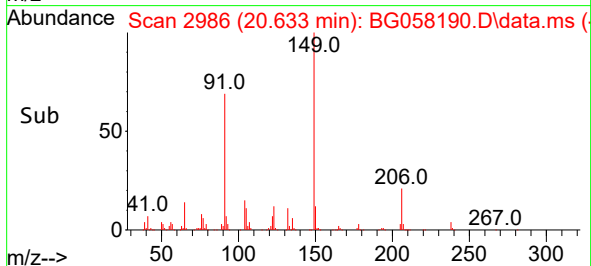
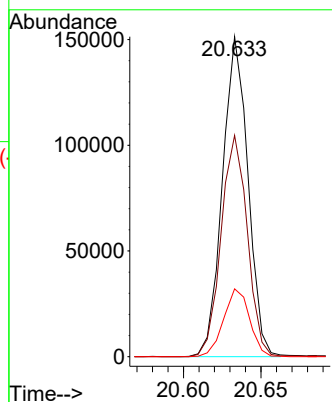
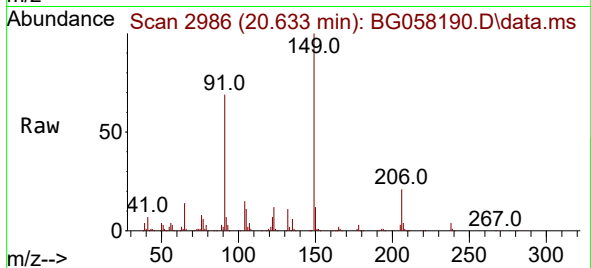
Tgt Ion:149 Resp: 173097

Ion Ratio Lower Upper

149 100

91 69.2 56.5 84.7

206 21.2 17.4 26.0



#84

3,3'-Dichlorobenzidine

Concen: 20.115 ng/ul

RT: 21.497 min Scan# 3133

Delta R.T. 0.002 min

Lab File: BG058190.D

Acq: 12 Jul 2023 17:16

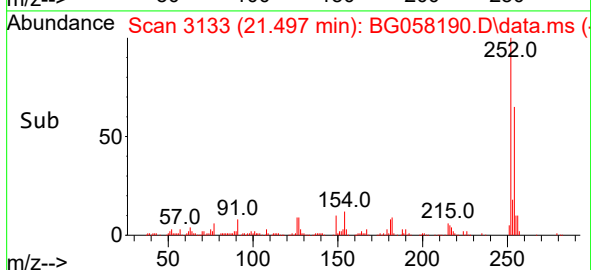
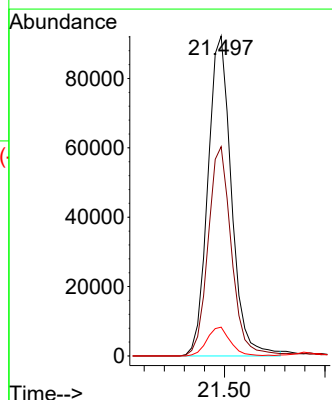
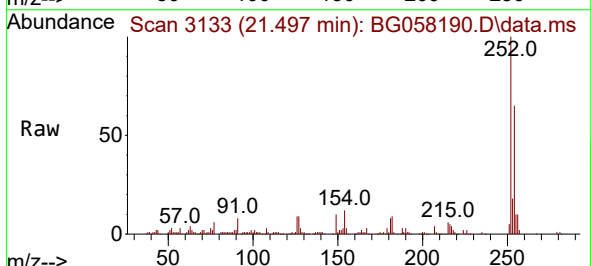
Tgt Ion:252 Resp: 150576

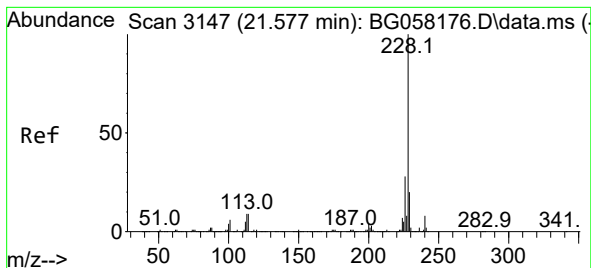
Ion Ratio Lower Upper

252 100

254 65.4 50.7 76.1

126 9.0 6.6 10.0





#85

Benzo(a)anthracene

Concen: 18.839 ng/ul

RT: 21.579 min Scan# 3147

Delta R.T. 0.002 min

Lab File: BG058190.D

Acq: 12 Jul 2023 17:16

Instrument :

BNA_G

ClientSampleId :

SSTD020511

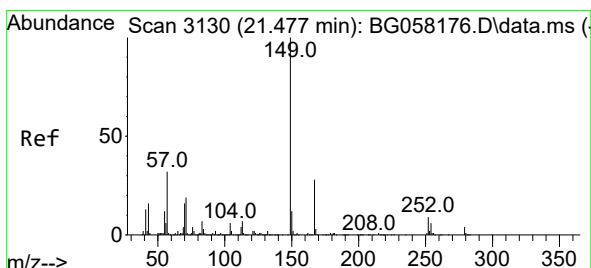
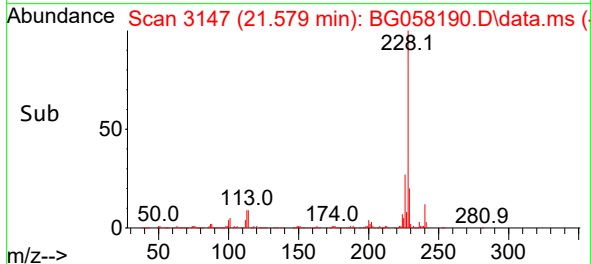
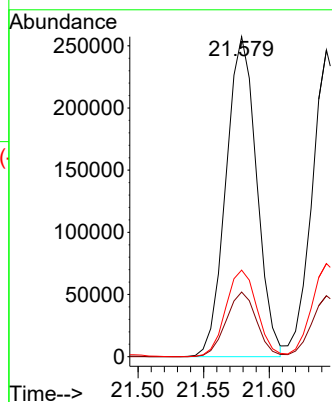
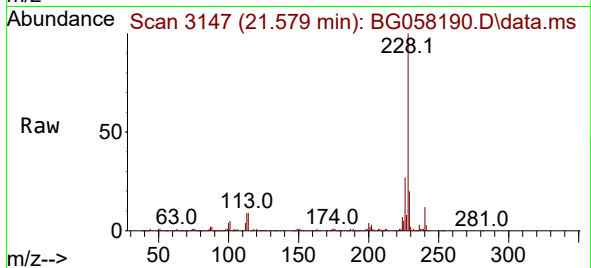
Tgt Ion:228 Resp: 418251

Ion Ratio Lower Upper

228 100

229 20.2 16.0 24.0

226 27.1 22.0 33.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 18.873 ng/ul

RT: 21.473 min Scan# 3129

Delta R.T. -0.004 min

Lab File: BG058190.D

Acq: 12 Jul 2023 17:16

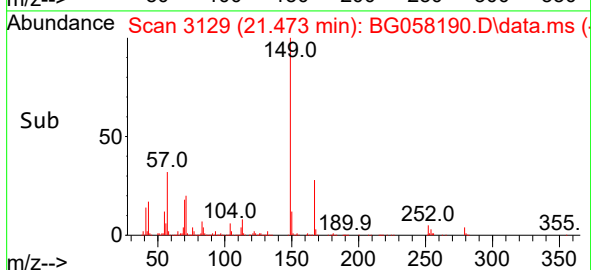
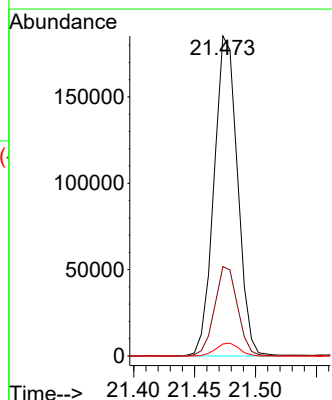
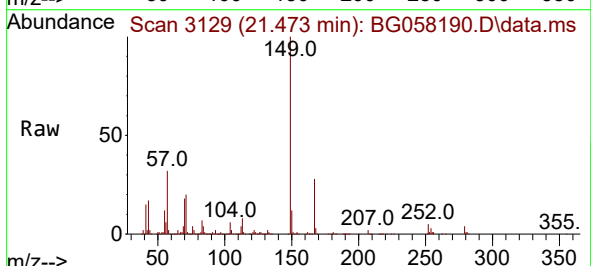
Tgt Ion:149 Resp: 249104

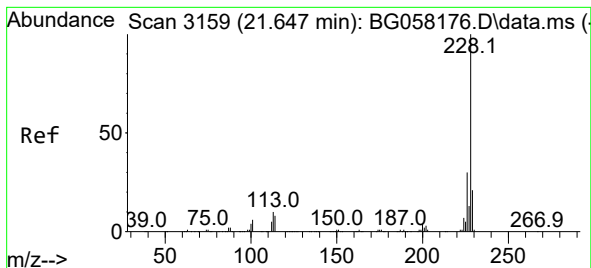
Ion Ratio Lower Upper

149 100

167 27.9 20.9 31.3

279 3.7 3.1 4.7





#87

Chrysene

Concen: 19.155 ng/ul

RT: 21.644 min Scan# 3159

Delta R.T. -0.004 min

Lab File: BG058190.D

Acq: 12 Jul 2023 17:16

Instrument :

BNA_G

ClientSampleId :

SSTD020511

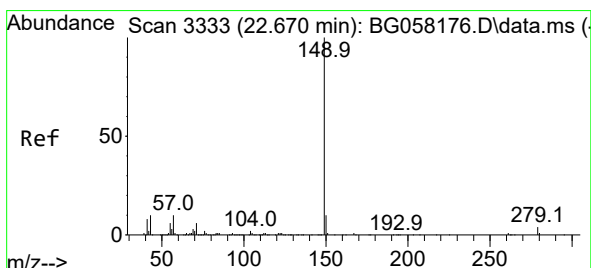
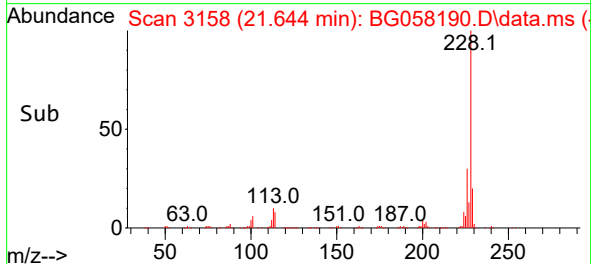
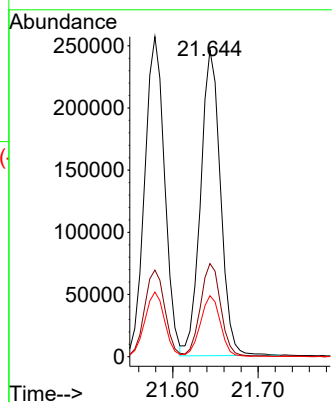
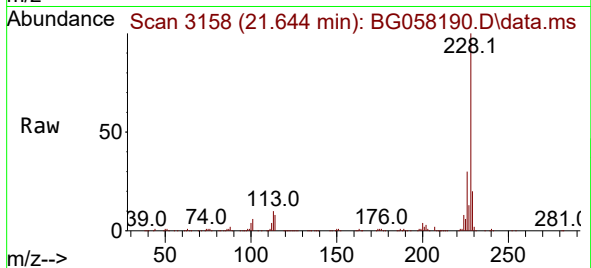
Tgt Ion:228 Resp: 398650

Ion Ratio Lower Upper

228 100

226 30.4 24.4 36.6

229 19.9 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 19.110 ng/ul

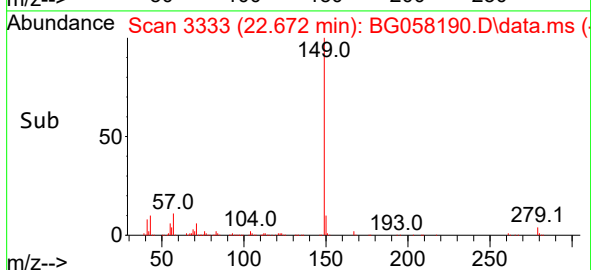
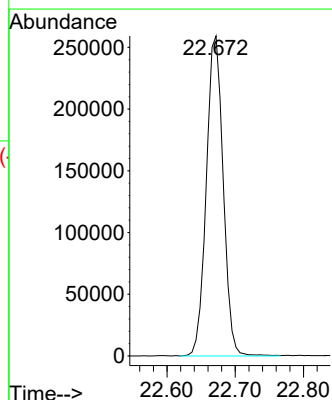
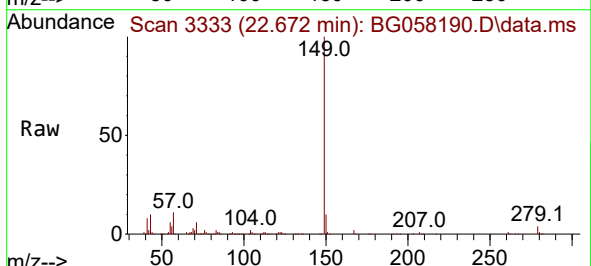
RT: 22.672 min Scan# 3333

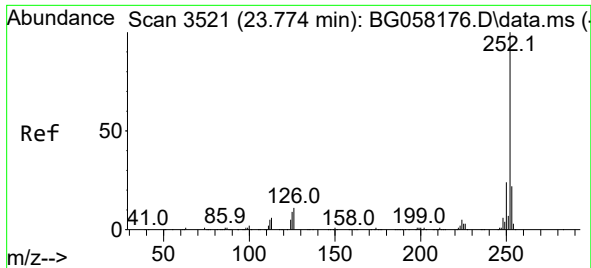
Delta R.T. -0.004 min

Lab File: BG058190.D

Acq: 12 Jul 2023 17:16

Tgt Ion:149 Resp: 446635

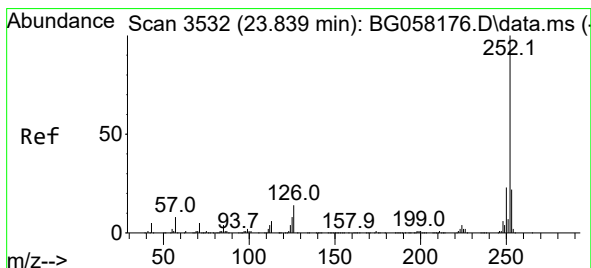
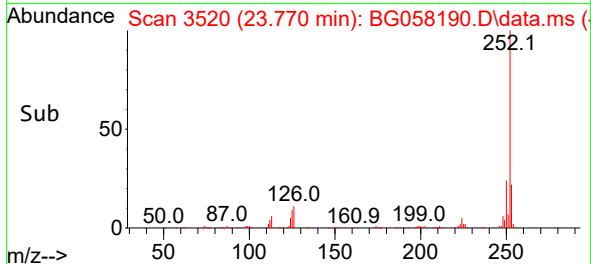
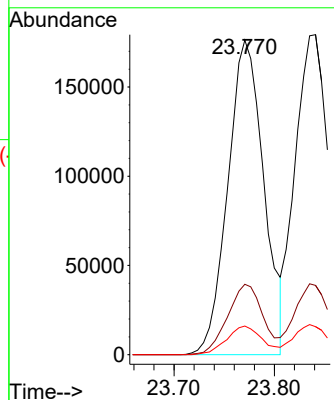
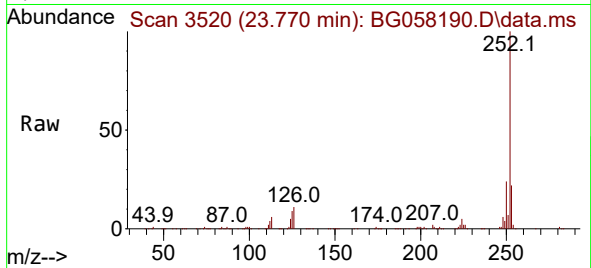




#90
Benzo(b)fluoranthene
Concen: 18.664 ng/ul
RT: 23.770 min Scan# 3521
Delta R.T. 0.002 min
Lab File: BG058190.D
Acq: 12 Jul 2023 17:16

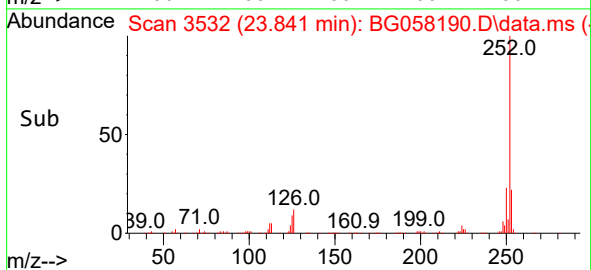
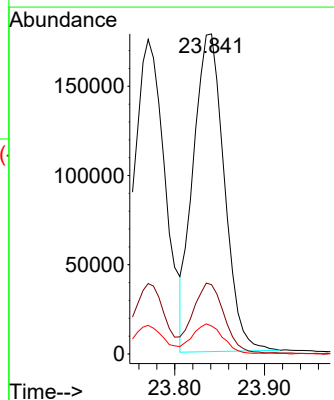
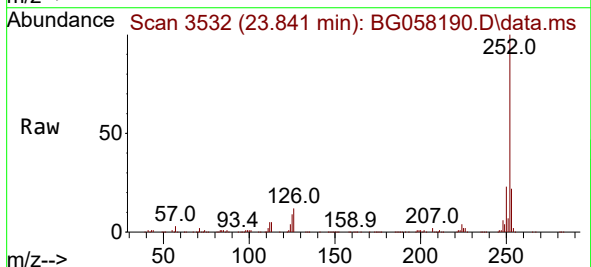
Instrument :
BNA_G
ClientSampleId :
SSTD020511

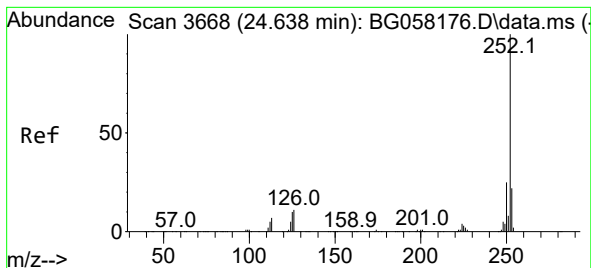
Tgt Ion:252 Resp: 439597
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 9.1 7.5 11.3



#91
Benzo(k)fluoranthene
Concen: 18.518 ng/ul
RT: 23.841 min Scan# 3532
Delta R.T. 0.002 min
Lab File: BG058190.D
Acq: 12 Jul 2023 17:16

Tgt Ion:252 Resp: 427511
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 8.7 7.4 11.2





#93

Benzo(a)pyrene

Concen: 18.866 ng/ul

RT: 24.640 min Scan# 3

Delta R.T. 0.002 min

Lab File: BG058190.D

Acq: 12 Jul 2023 17:16

Instrument :

BNA_G

ClientSampleId :

SSTD020511

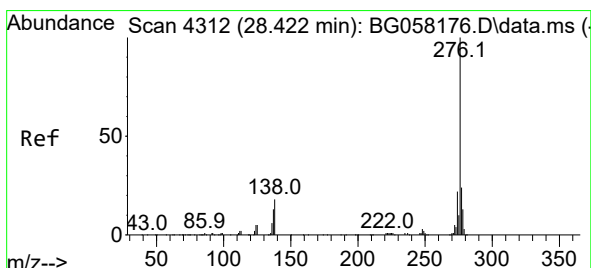
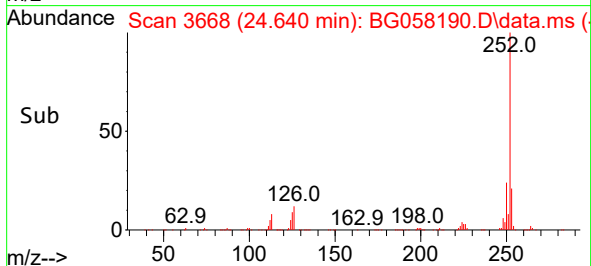
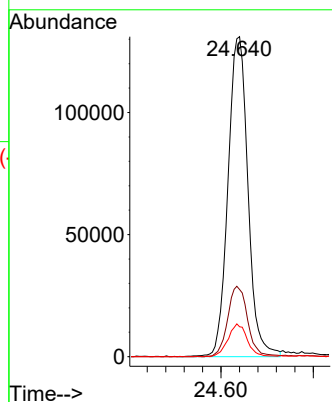
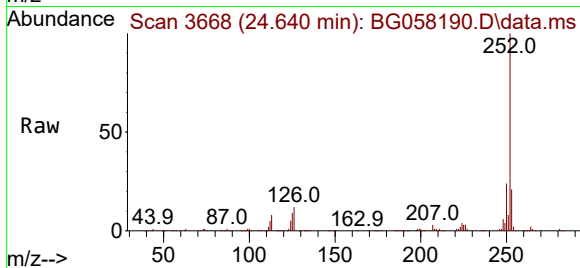
Tgt Ion:252 Resp: 393293

Ion Ratio Lower Upper

252 100

253 21.0 17.8 26.6

125 9.4 8.3 12.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 17.125 ng/ul

RT: 28.430 min Scan# 4313

Delta R.T. 0.007 min

Lab File: BG058190.D

Acq: 12 Jul 2023 17:16

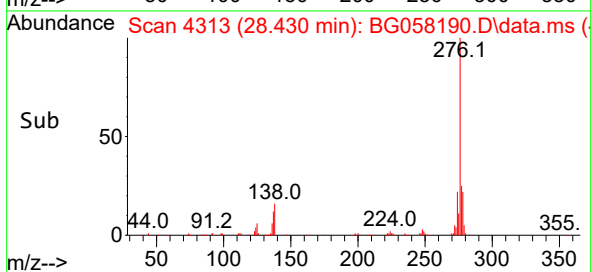
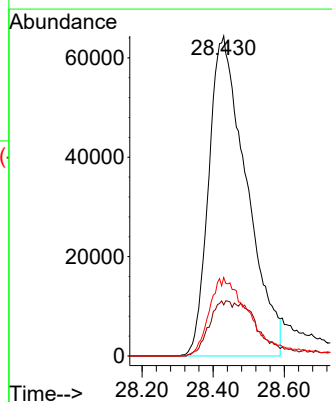
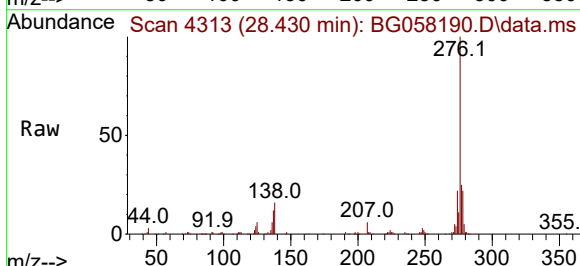
Tgt Ion:276 Resp: 474060

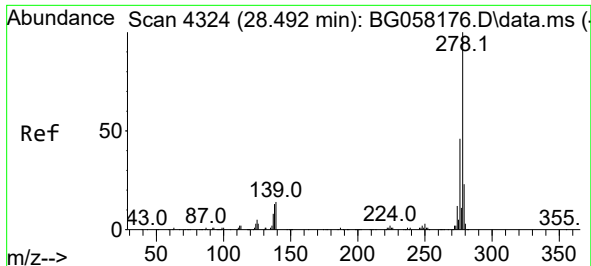
Ion Ratio Lower Upper

276 100

138 15.9 14.0 21.0

277 24.5 19.4 29.2

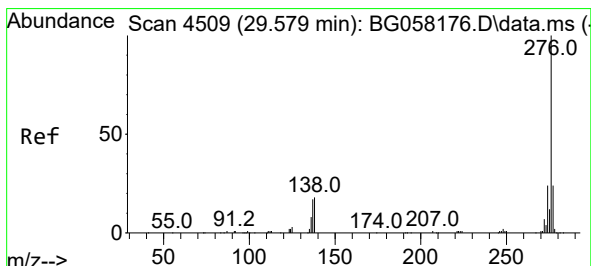
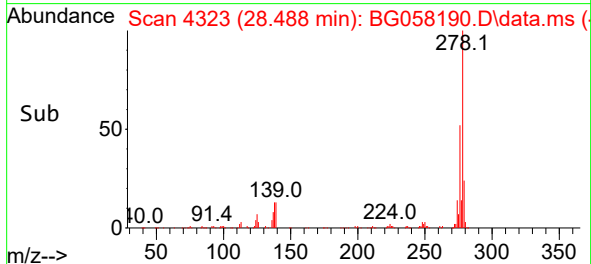
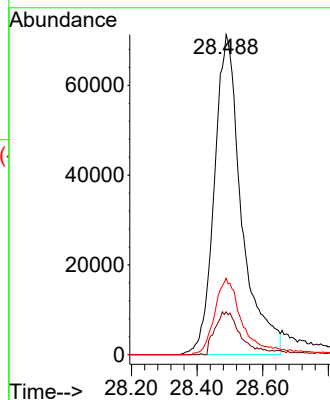
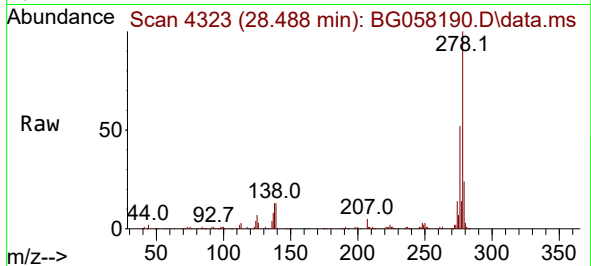




#95
Dibenzo(a,h)anthracene
Concen: 17.980 ng/ul
RT: 28.488 min Scan# 41
Delta R.T. 0.002 min
Lab File: BG058190.D
Acq: 12 Jul 2023 17:16

Instrument :
BNA_G
ClientSampleId :
SSTD020511

Tgt Ion:278 Resp: 410436
Ion Ratio Lower Upper
278 100
139 13.4 11.3 16.9
279 23.9 18.9 28.3



#96
Benzo(g,h,i)perylene
Concen: 16.158 ng/ul
RT: 29.564 min Scan# 4506
Delta R.T. 0.002 min
Lab File: BG058190.D
Acq: 12 Jul 2023 17:16

Tgt Ion:276 Resp: 365340
Ion Ratio Lower Upper
276 100
138 17.9 14.2 21.2
277 23.4 18.6 27.8

