

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030323\
 Data File : BG056833.D
 Acq On : 4 Mar 2023 12:28
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020456

Quant Time: Mar 05 23:57:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 02 00:12:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.414	152	16368	20.000	ng/u1	0.00
20) Naphthalene-d8	11.252	136	74364	20.000	ng/u1	0.00
38) Acenaphthene-d10	15.018	164	58846	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.756	188	146884	20.000	ng/u1	0.00
79) Chrysene-d12	22.063	240	143395	20.000	ng/u1	0.00
88) Perylene-d12	25.582	264	154214	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.696	96	3499	11.858	ng/uL	0.00
4) Pyridine-d5	4.137	84	28932	24.292	ng/u1	0.00
7) Phenol-d5	7.539	99	34994	21.365	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.721	67	21173	21.192	ng/u1	0.00
11) 2-Chlorophenol-d4	7.938	132	22263	20.468	ng/u1	0.00
15) 4-Methylphenol-d8	9.107	113	25857	20.660	ng/u1	0.00
21) Nitrobenzene-d5	9.589	128	12874	20.658	ng/u1	0.00
24) 2-Nitrophenol-d4	10.318	143	15136	20.404	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.858	165	29259	20.936	ng/u1	0.00
31) 4-Chloroaniline-d4	11.375	131	37326	20.478	ng/u1	0.00
46) Dimethylphthalate-d6	14.407	166	96567	20.339	ng/u1	0.00
49) Acenaphthylene-d8	14.718	160	111454	20.654	ng/u1	0.00
54) 4-Nitrophenol-d4	15.177	143	16251	19.853	ng/u1	0.00
60) Fluorene-d10	15.999	176	91511	20.836	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.105	200	19560	19.904	ng/u1	0.00
73) Anthracene-d10	17.850	188	147938	20.761	ng/u1	0.00
81) Pyrene-d10	20.112	212	178533	18.399	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.335	264	173154	20.802	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.737	88	3685	10.129	ng/uL#	92
5) Pyridine	4.154	79	31384	24.882	ng/u1	97
6) Benzaldehyde	7.539	77	22715	26.471	ng/u1	93
8) Phenol	7.568	94	35482	21.238	ng/u1	90
10) Bis(2-Chloroethyl)ether	7.815	93	25064	21.114	ng/u1	96
12) 2-Chlorophenol	7.973	128	22082	20.500	ng/u1	97
13) 2-Methylphenol	8.843	108	25973	20.610	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.931	45	33185	20.804	ng/u1	100
16) Acetophenone	9.242	105	46008	21.467	ng/u1	97
17) N-Nitroso-di-n-propyla...	9.213	70	24973	20.308	ng/u1	99
18) 4-Methylphenol	9.172	108	28994	21.174	ng/u1	100
19) Hexachloroethane	9.519	117	9524	20.792	ng/u1	89
22) Nitrobenzene	9.636	77	40250	22.273	ng/u1	96
23) Isophorone	10.153	82	70535	19.964	ng/u1	97
25) 2-Nitrophenol	10.353	139	14887	20.330	ng/u1#	93
26) 2,4-Dimethylphenol	10.388	107	35152	21.495	ng/u1	91
27) Bis(2-Chloroethoxy)met...	10.629	93	36261	20.305	ng/u1	97
29) 2,4-Dichlorophenol	10.888	162	28844	21.313	ng/u1	94
30) Naphthalene	11.305	128	82533	20.163	ng/u1	98
32) 4-Chloroaniline	11.399	127	36589	20.264	ng/u1	94
33) Hexachlorobutadiene	11.581	225	22757	21.099	ng/u1	98
34) Caprolactam	12.139	113	9168	19.927	ng/u1	92
35) 4-Chloro-3-methylphenol	12.486	107	32107	20.651	ng/u1	95
36) 2-Methylnaphthalene	12.879	142	61339	20.924	ng/u1	98

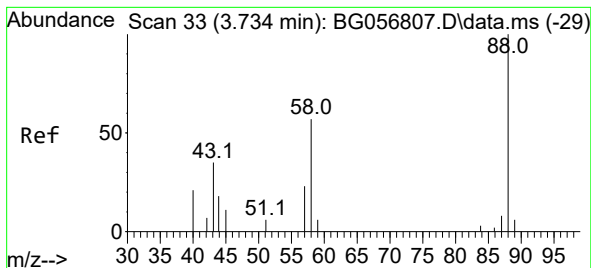
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.097	142	60023	20.767	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.238	216	44767	21.457	ng/ul	96
40) Hexachlorocyclopentadiene	13.208	237	27267	18.239	ng/ul	98
41) 2,4,6-Trichlorophenol	13.461	196	29683	21.293	ng/ul	93
42) 2,4,5-Trichlorophenol	13.531	196	33230	21.953	ng/ul	93
43) 1,1'-Biphenyl	13.861	154	88540	20.461	ng/ul	95
44) 2-Chloronaphthalene	13.913	162	73755	20.600	ng/ul	97
45) 2-Nitroaniline	14.101	65	27776	22.351	ng/ul	88
47) Dimethylphthalate	14.454	163	95545	19.788	ng/ul	99
48) 2,6-Dinitrotoluene	14.577	165	20719	20.933	ng/ul	87
50) Acenaphthylene	14.748	152	113031	20.734	ng/ul	99
51) 3-Nitroaniline	14.912	138	18423	20.798	ng/ul#	96
52) Acenaphthene	15.083	153	78583	20.984	ng/ul	97
53) 2,4-Dinitrophenol	15.112	184	11898	18.764	ng/ul	86
55) 4-Nitrophenol	15.194	109	19871	20.972	ng/ul	90
56) Dibenzofuran	15.412	168	116761	20.539	ng/ul	99
57) 2,4-Dinitrotoluene	15.359	165	28913	20.376	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.629	232	29595	21.010	ng/ul	97
59) Diethylphthalate	15.799	149	95419	19.743	ng/ul	97
61) Fluorene	16.058	166	93810	20.609	ng/ul	97
62) 4-Chlorophenyl-phenyle...	16.040	204	57273	21.242	ng/ul	97
63) 4-Nitroaniline	16.064	138	16920	19.549	ng/ul#	85
66) 4,6-Dinitro-2-methylph...	16.117	198	18596	19.656	ng/ul	98
67) N-Nitrosodiphenylamine	16.246	169	82521	20.203	ng/ul	95
68) 4-Bromophenyl-phenylether	16.928	248	39042	20.974	ng/ul	96
69) Hexachlorobenzene	17.057	284	41200	20.602	ng/ul	96
70) Atrazine	17.174	200	35976	20.280	ng/ul	97
71) Pentachlorophenol	17.398	266	21934	19.316	ng/ul	95
72) Phenanthrene	17.797	178	164492	20.674	ng/ul	98
74) Anthracene	17.885	178	162851	20.254	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.831	216	47727	21.240	ng/ul	94
76) Pentachlorobenzene	15.335	250	48225	21.160	ng/ul	96
77) Carbazole	18.144	167	138871	20.642	ng/ul	98
78) Di-n-butylphthalate	18.673	149	160595	20.712	ng/ul	99
80) Fluoranthene	19.777	202	209317	17.841	ng/ul#	98
82) Pyrene	20.141	202	209339	18.111	ng/ul	100
83) Butylbenzylphthalate	20.993	149	70648	19.267	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.939	252	78005	21.697	ng/ul	98
85) Benzo(a)anthracene	22.039	228	212747	20.385	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.898	149	101188	19.644	ng/ul	98
87) Chrysene	22.116	228	197097	20.277	ng/ul	98
89) Di-n-octyl phthalate	23.214	149	173654	20.713	ng/ul	100
90) Benzo(b)fluoranthene	24.454	252	220306	21.340	ng/ul	99
91) Benzo(k)fluoranthene	24.530	252	204926	20.379	ng/ul	100
93) Benzo(a)pyrene	25.418	252	187768	20.691	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.648	276	253741	20.583	ng/ul	99
95) Dibenzo(a,h)anthracene	29.707	278	208697	20.248	ng/ul	96
96) Benzo(g,h,i)perylene	30.911	276	103098	10.470	ng/ul#	92

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



#2

1,4-Dioxane

Concen: 10.129 ng/uL

RT: 3.737 min Scan# 34

Delta R.T. -0.003 min

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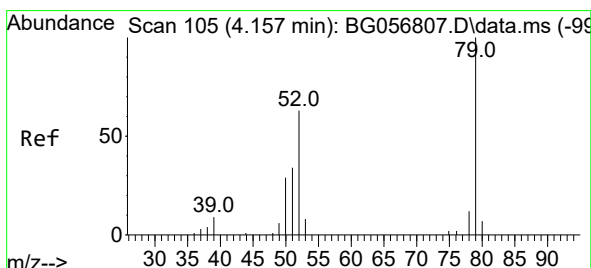
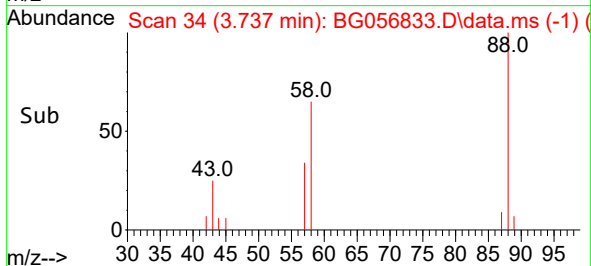
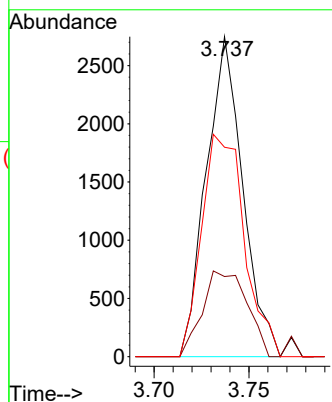
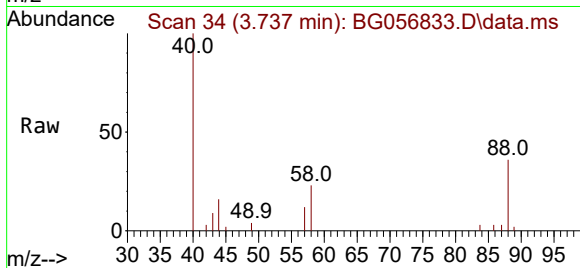
Tgt Ion: 88 Resp: 3685

Ion Ratio Lower Upper

88 100

43 25.1 28.3 42.5#

58 65.5 50.6 75.8



#5

Pyridine

Concen: 24.882 ng/uL

RT: 4.154 min Scan# 105

Delta R.T. -0.003 min

Lab File: BG056833.D

Acq: 4 Mar 2023 12:28

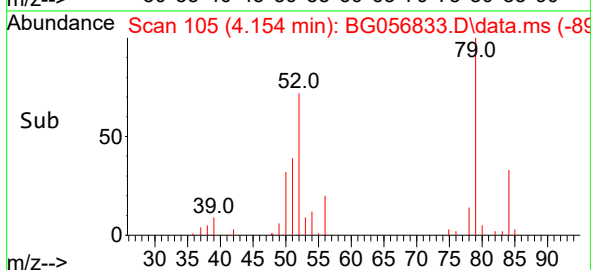
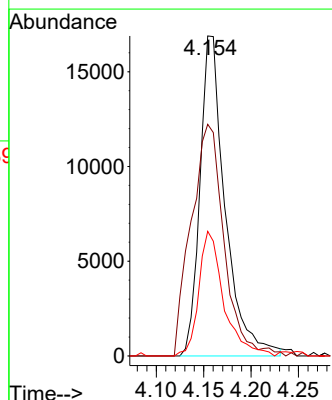
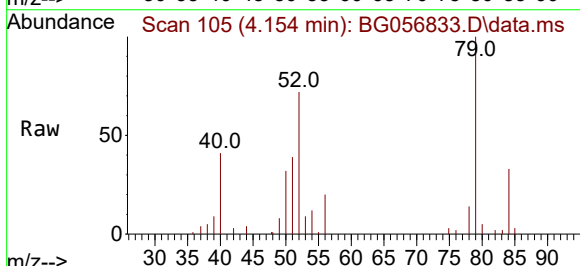
Tgt Ion: 79 Resp: 31384

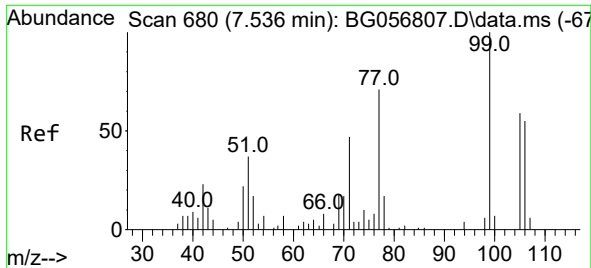
Ion Ratio Lower Upper

79 100

52 72.4 60.6 91.0

51 38.9 31.9 47.9

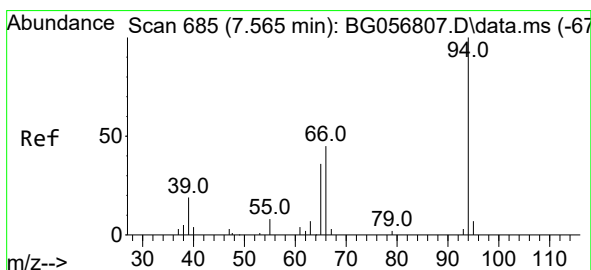
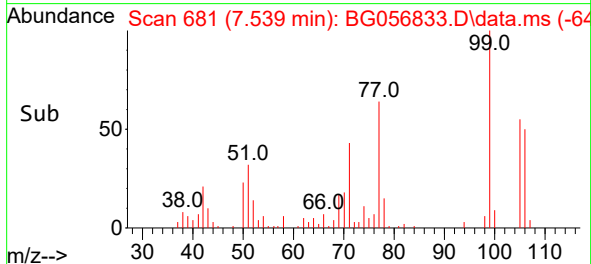
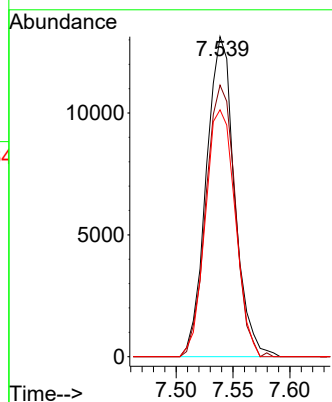
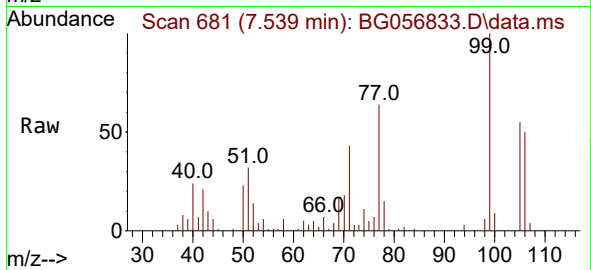




#6
Benzaldehyde
Concen: 26.471 ng/ul
RT: 7.539 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG056833.D
Acq: 4 Mar 2023 12:28

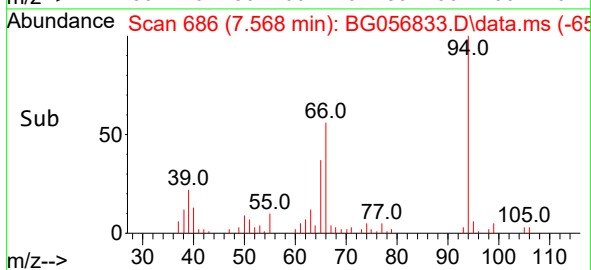
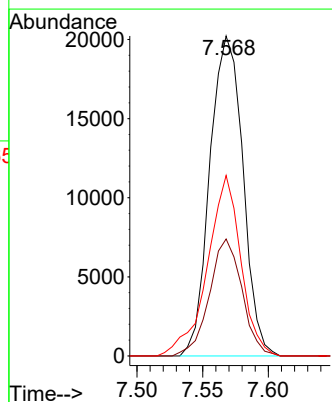
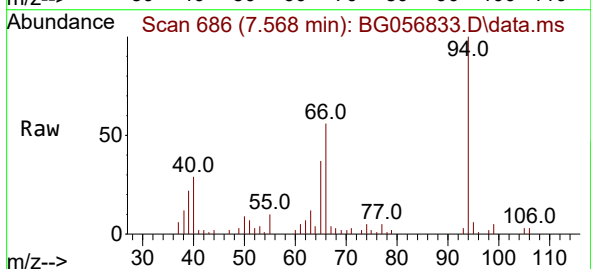
Instrument :
BNA_G
ClientSampleId :
SSTD020456

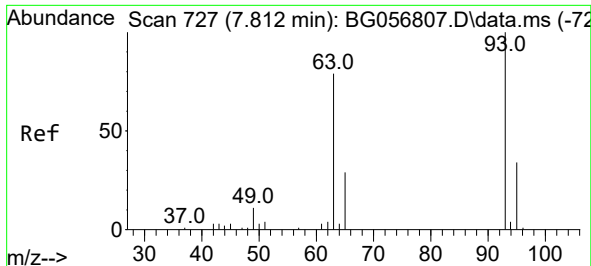
Tgt Ion: 77 Resp: 22715
Ion Ratio Lower Upper
77 100
105 84.8 72.2 108.4
106 77.1 67.4 101.2



#8
Phenol
Concen: 21.238 ng/ul
RT: 7.568 min Scan# 686
Delta R.T. 0.003 min
Lab File: BG056833.D
Acq: 4 Mar 2023 12:28

Tgt Ion: 94 Resp: 35482
Ion Ratio Lower Upper
94 100
65 36.5 25.7 38.5
66 56.4 38.9 58.3

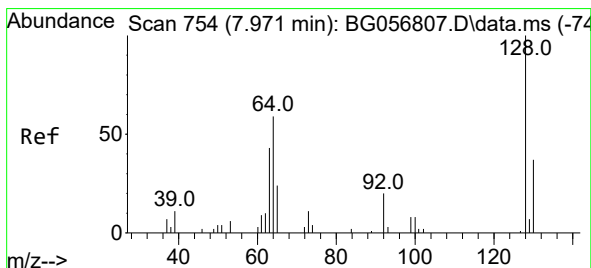
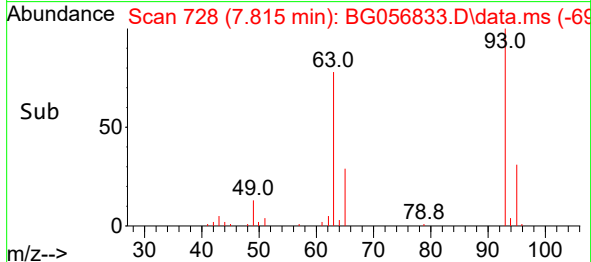
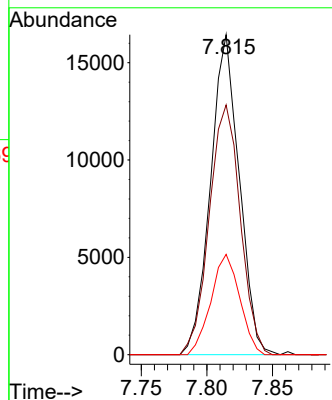
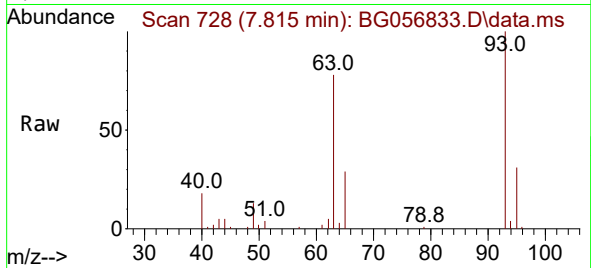




#10
Bis(2-Chloroethyl)ether
Concen: 21.114 ng/ul
RT: 7.815 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG056833.D
Acq: 4 Mar 2023 12:28

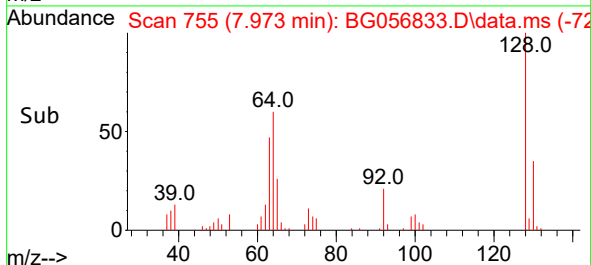
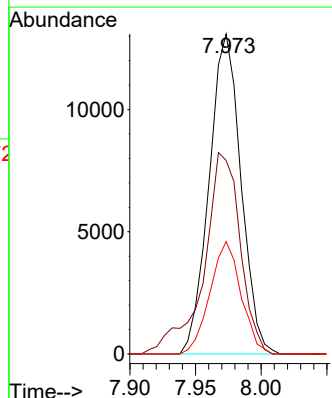
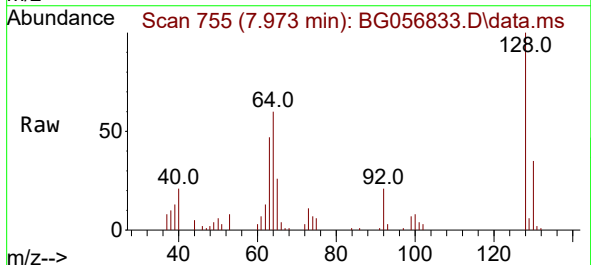
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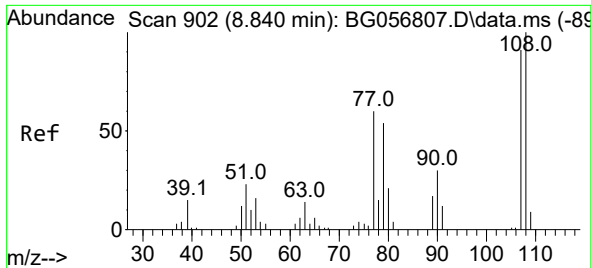
Tgt Ion: 93 Resp: 25064
Ion Ratio Lower Upper
93 100
63 78.0 66.6 100.0
95 31.3 25.0 37.4



#12
2-Chlorophenol
Concen: 20.500 ng/ul
RT: 7.973 min Scan# 755
Delta R.T. 0.003 min
Lab File: BG056833.D
Acq: 4 Mar 2023 12:28

Tgt Ion:128 Resp: 22082
Ion Ratio Lower Upper
128 100
64 60.5 45.5 68.3
130 35.1 27.7 41.5

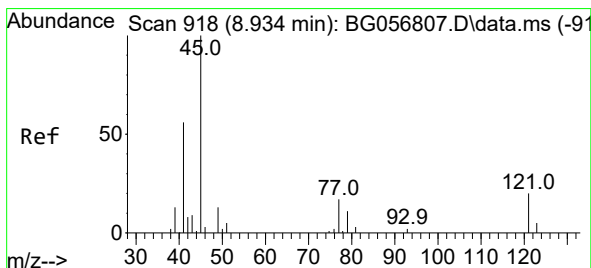
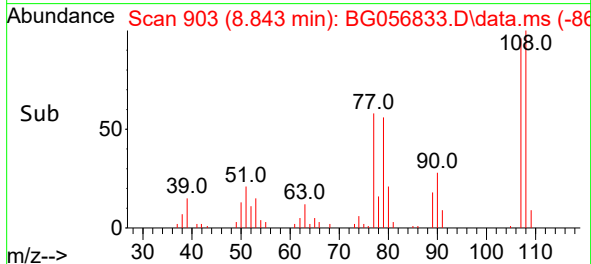
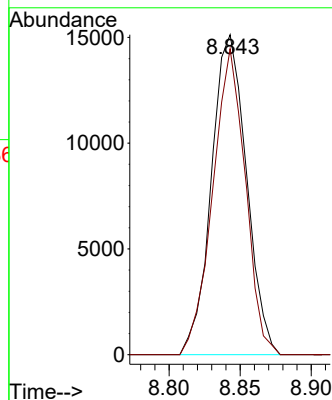
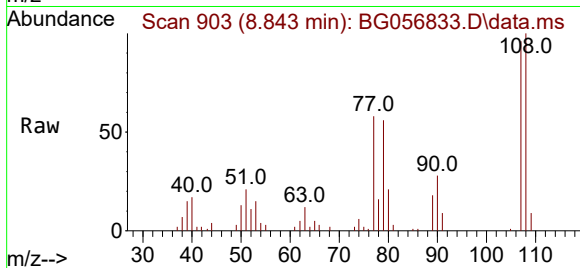




#13
2-Methylphenol
Concen: 20.610 ng/ul
RT: 8.843 min Scan# 902
Delta R.T. 0.003 min
Lab File: BG056833.D
Acq: 4 Mar 2023 12:28

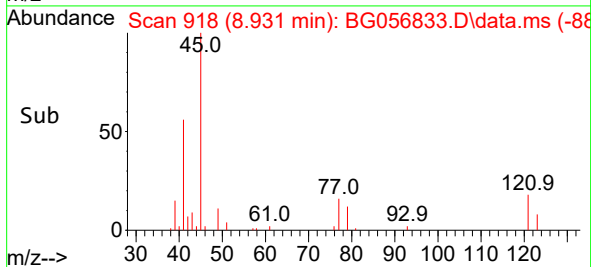
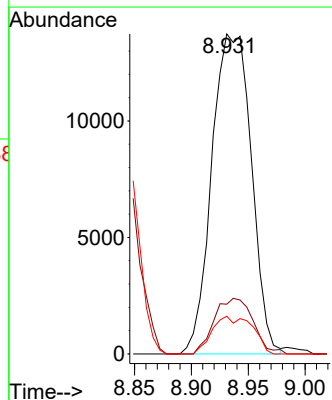
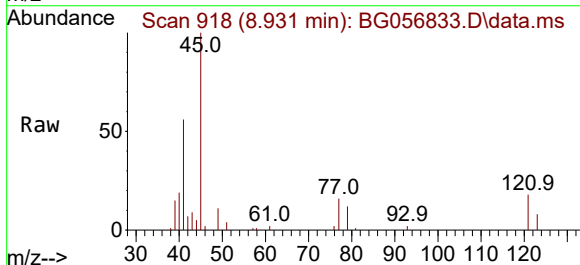
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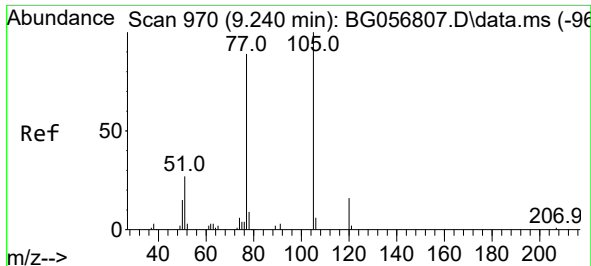
Tgt Ion:108 Resp: 25973
Ion Ratio Lower Upper
108 100
107 95.6 73.4 110.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 20.804 ng/ul
RT: 8.931 min Scan# 918
Delta R.T. -0.003 min
Lab File: BG056833.D
Acq: 4 Mar 2023 12:28

Tgt Ion: 45 Resp: 33185
Ion Ratio Lower Upper
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77 15.5 12.4 18.6
79 11.8 9.8 14.6

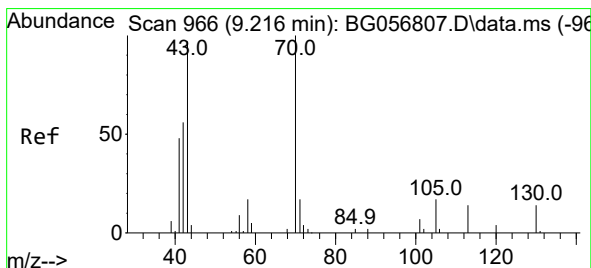
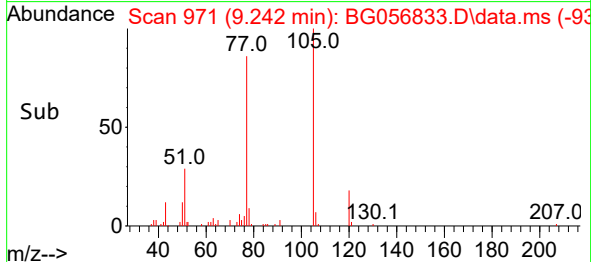
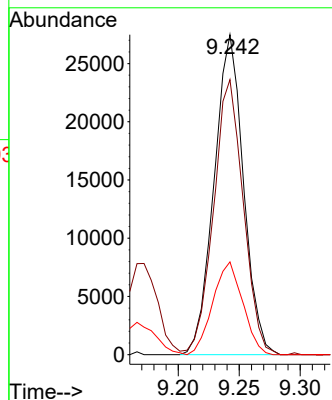
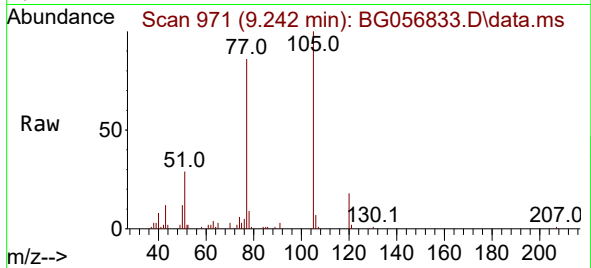




#16
Acetophenone
Concen: 21.467 ng/ul
RT: 9.242 min Scan# 91
Delta R.T. 0.003 min
Lab File: BG056833.D
Acq: 4 Mar 2023 12:28

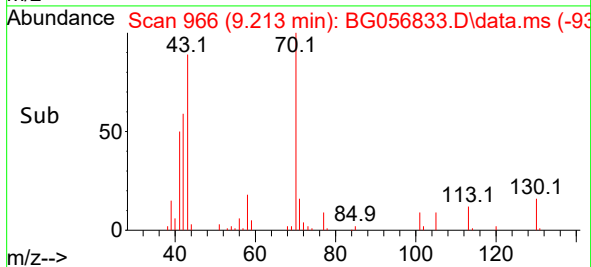
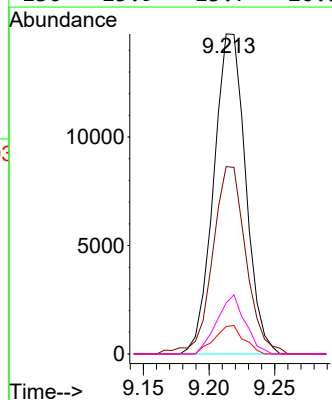
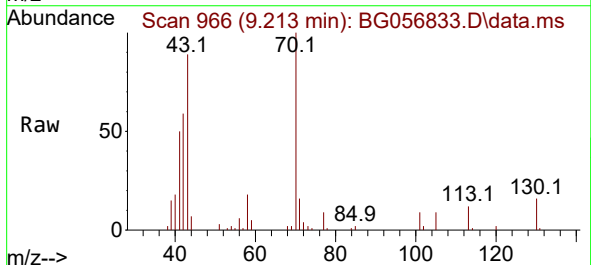
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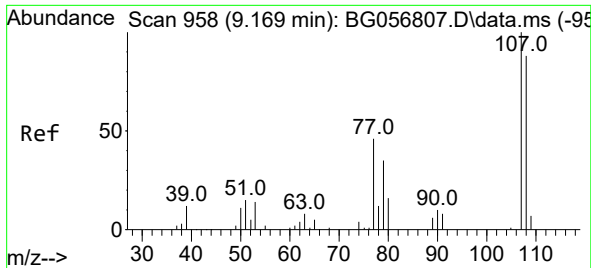
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Ion Ratio Lower Upper
105 100
77 86.0 71.4 107.0
51 29.0 23.6 35.4



#17
N-Nitroso-di-n-propylamine
Concen: 20.308 ng/ul
RT: 9.213 min Scan# 966
Delta R.T. -0.003 min
Lab File: BG056833.D
Acq: 4 Mar 2023 12:28

Tgt Ion: 70 Resp: 24973
Ion Ratio Lower Upper
70 100
42 58.6 46.6 70.0
101 8.6 7.3 10.9
130 15.9 13.7 20.5





#18

4-Methylphenol

Concen: 21.174 ng/ul

RT: 9.172 min Scan# 91

Delta R.T. 0.003 min

Lab File: BG056833.D

Acq: 4 Mar 2023 12:28

Instrument :

BNA_G

ClientSampleId :

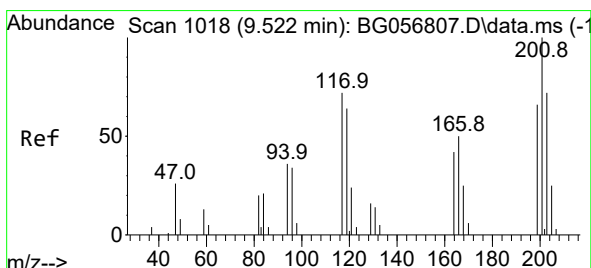
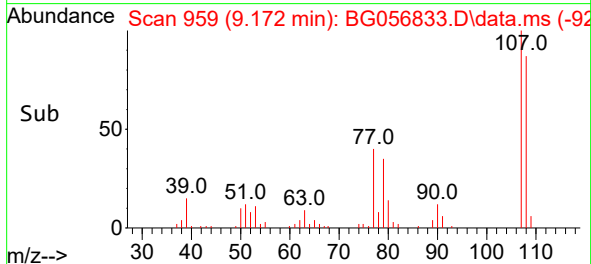
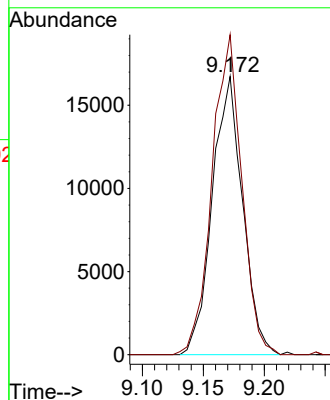
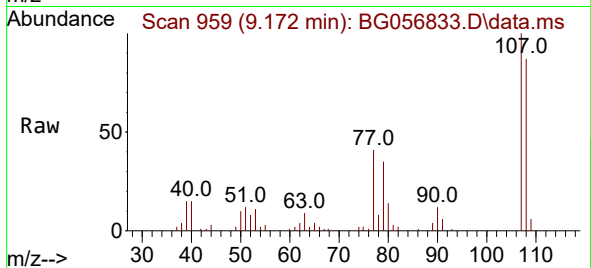
SSTD020456

Tgt Ion:108 Resp: 28994

Ion Ratio Lower Upper

108 100

107 115.0 92.1 138.1



#19

Hexachloroethane

Concen: 20.792 ng/ul

RT: 9.519 min Scan# 1018

Delta R.T. -0.003 min

Lab File: BG056833.D

Acq: 4 Mar 2023 12:28

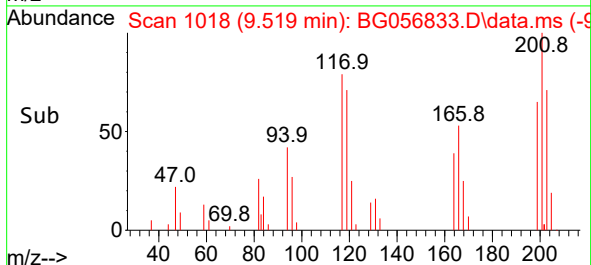
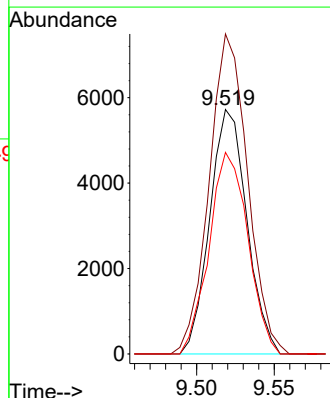
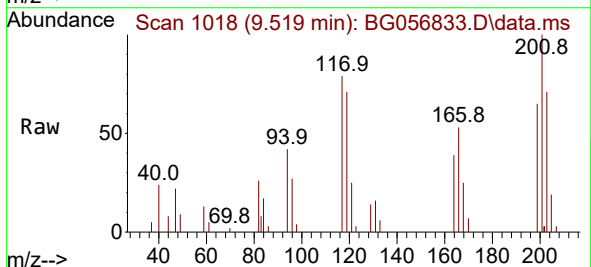
Tgt Ion:117 Resp: 9524

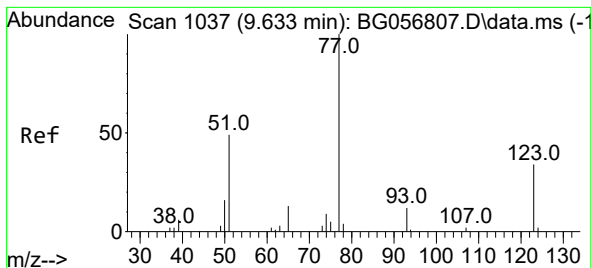
Ion Ratio Lower Upper

117 100

201 130.9 95.2 142.8

199 82.5 57.9 86.9





#22

Nitrobenzene

Concen: 22.273 ng/ul

RT: 9.636 min Scan# 110

Delta R.T. 0.003 min

Lab File: BG056833.D

Acq: 4 Mar 2023 12:28

Instrument :

BNA_G

ClientSampleId :

SSTD020456

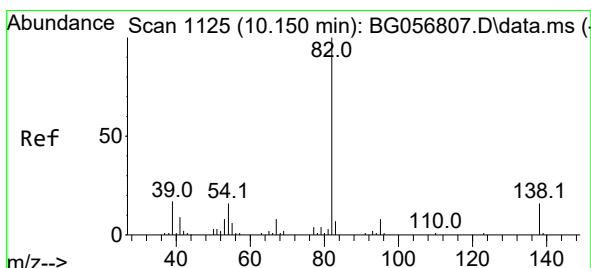
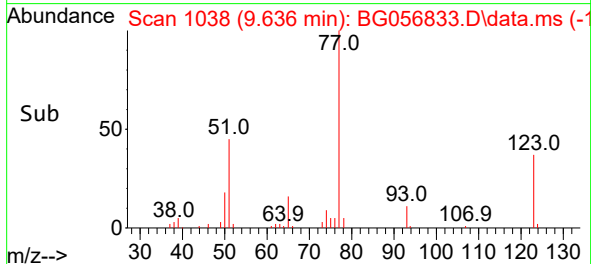
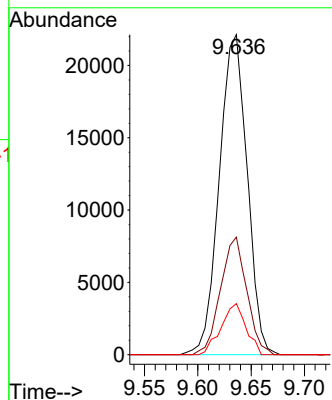
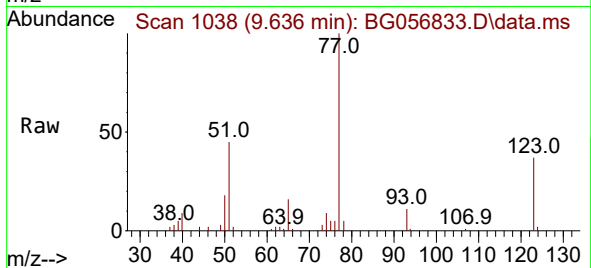
Tgt Ion: 77 Resp: 40250

Ion Ratio Lower Upper

77 100

123 36.7 27.8 41.6

65 16.0 10.6 16.0



#23

Isophorone

Concen: 19.964 ng/ul

RT: 10.153 min Scan# 1126

Delta R.T. -0.003 min

Lab File: BG056833.D

Acq: 4 Mar 2023 12:28

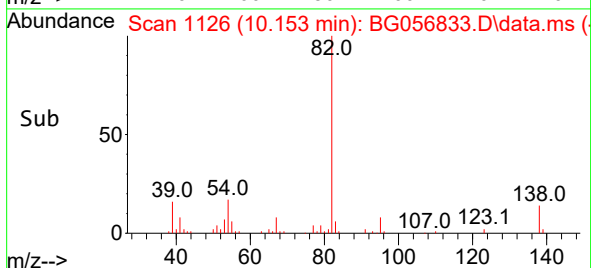
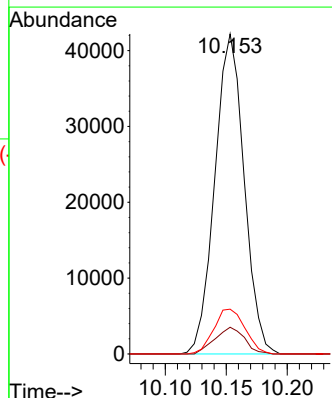
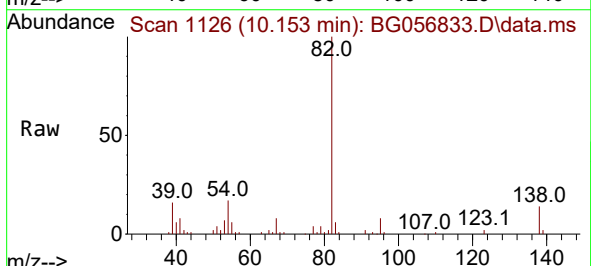
Tgt Ion: 82 Resp: 70535

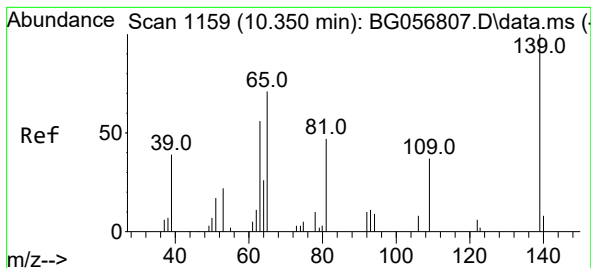
Ion Ratio Lower Upper

82 100

95 8.4 7.7 11.5

138 14.0 12.1 18.1

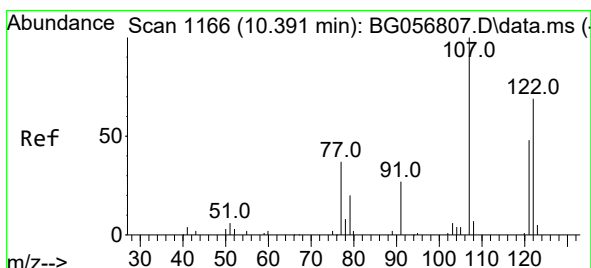
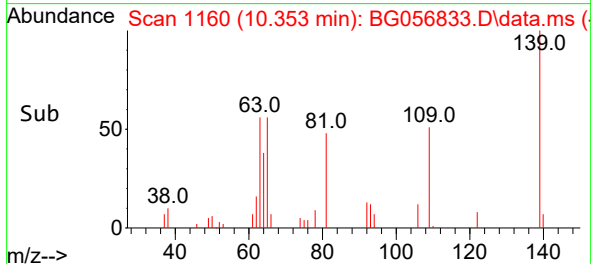
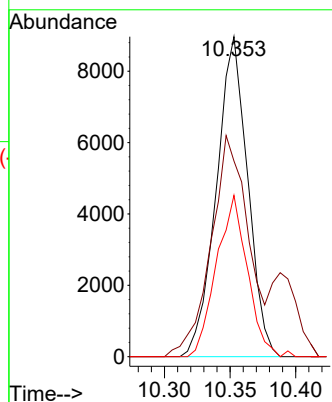
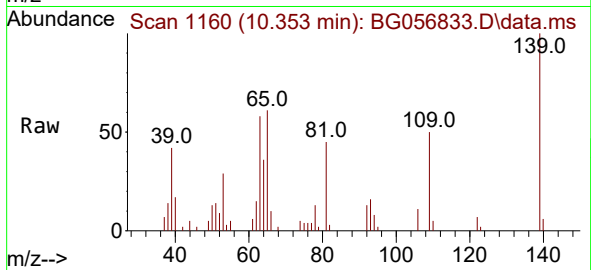




#25
2-Nitrophenol
Concen: 20.330 ng/ul
RT: 10.353 min Scan# 1159
Delta R.T. -0.003 min
Lab File: BG056833.D
Acq: 4 Mar 2023 12:28

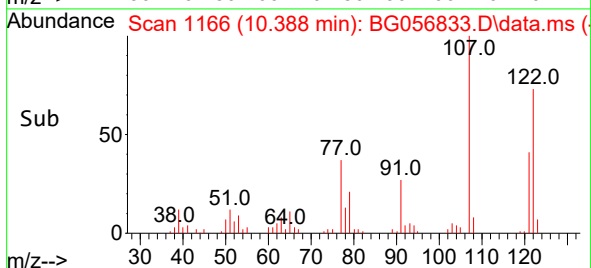
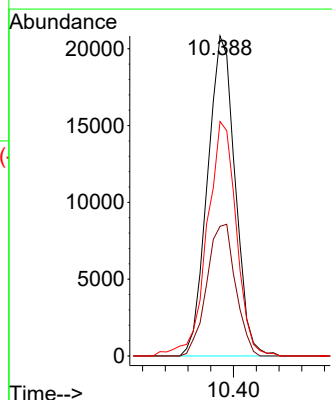
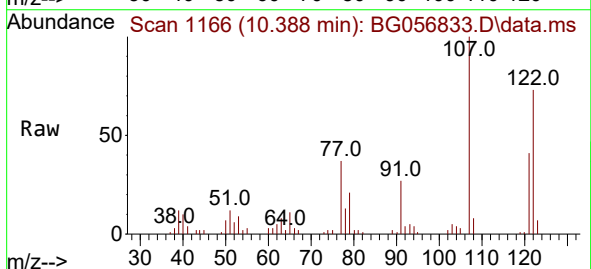
Instrument :
BNA_G
ClientSampleId :
SSTD020456

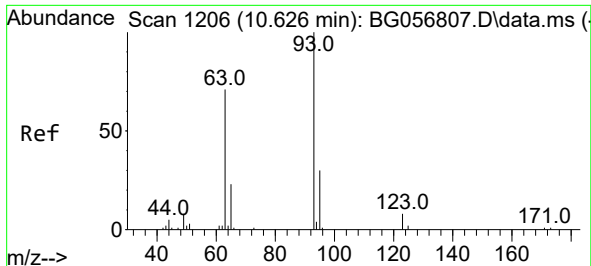
Tgt Ion:139 Resp: 14887
Ion Ratio Lower Upper
139 100
65 61.2 49.4 74.2
109 50.4 31.6 47.4#



#26
2,4-Dimethylphenol
Concen: 21.495 ng/ul
RT: 10.388 min Scan# 1166
Delta R.T. -0.003 min
Lab File: BG056833.D
Acq: 4 Mar 2023 12:28

Tgt Ion:107 Resp: 35152
Ion Ratio Lower Upper
107 100
121 40.5 40.2 60.4
122 73.2 63.1 94.7





#27

Bis(2-Chloroethoxy)methane

Concen: 20.305 ng/ul

RT: 10.629 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG056833.D

Acq: 4 Mar 2023 12:28

Instrument :

BNA_G

ClientSampleId :

SSTD020456

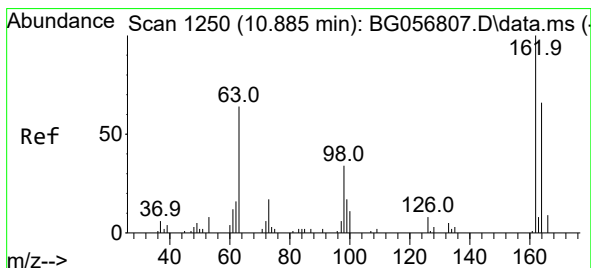
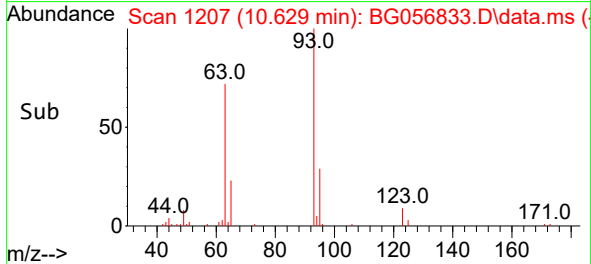
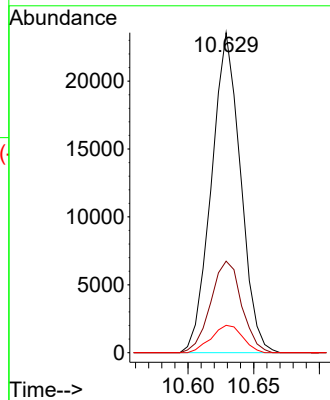
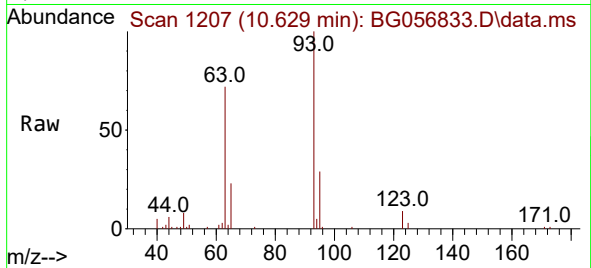
Tgt Ion: 93 Resp: 36261

Ion Ratio Lower Upper

93 100

95 28.6 24.6 37.0

123 8.6 6.6 10.0



#29

2,4-Dichlorophenol

Concen: 21.313 ng/ul

RT: 10.888 min Scan# 1251

Delta R.T. 0.003 min

Lab File: BG056833.D

Acq: 4 Mar 2023 12:28

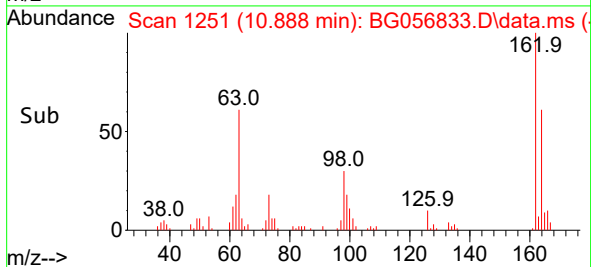
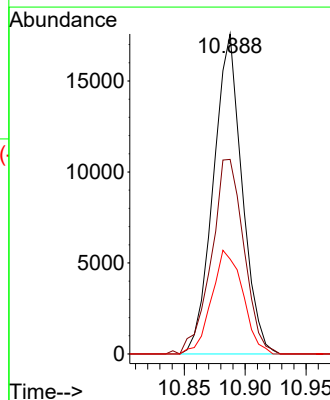
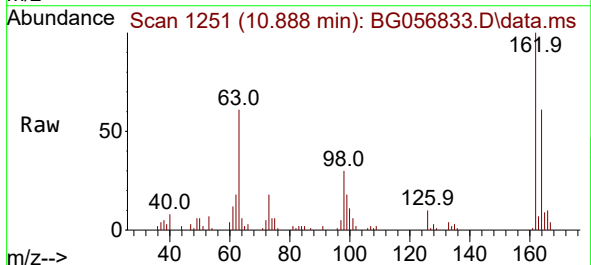
Tgt Ion:162 Resp: 28844

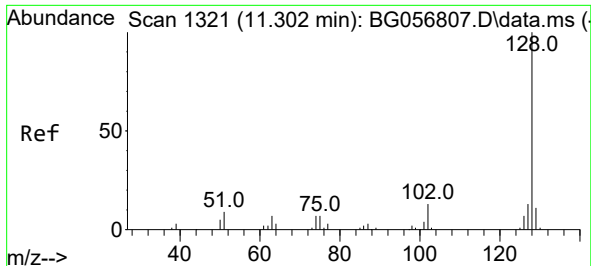
Ion Ratio Lower Upper

162 100

164 60.8 53.3 79.9

98 29.7 25.5 38.3

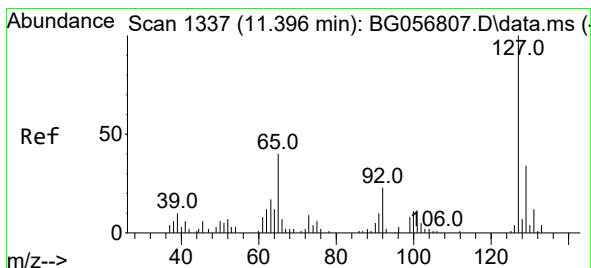
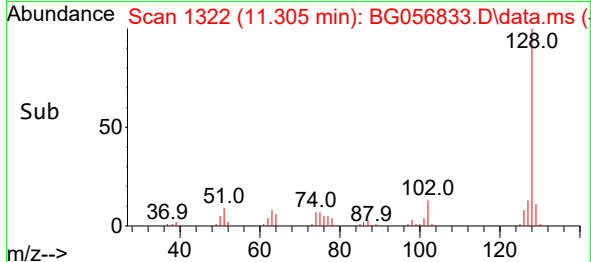
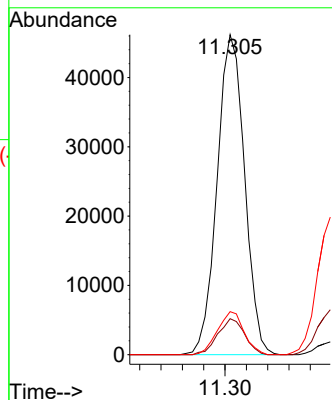
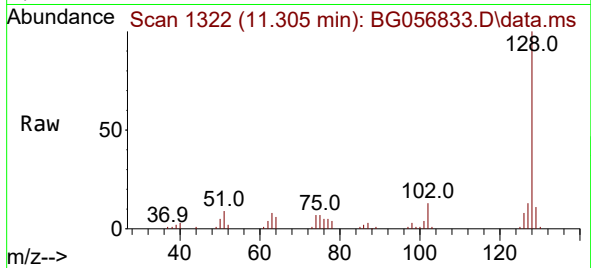




#30
Naphthalene
Concen: 20.163 ng/ul
RT: 11.305 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056833.D
Acq: 4 Mar 2023 12:28

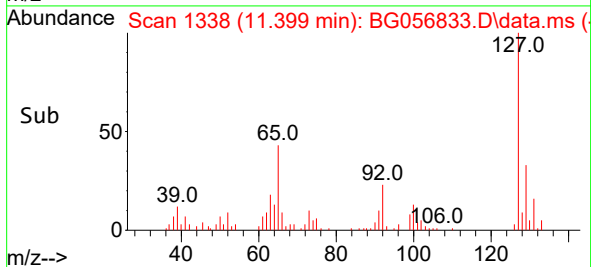
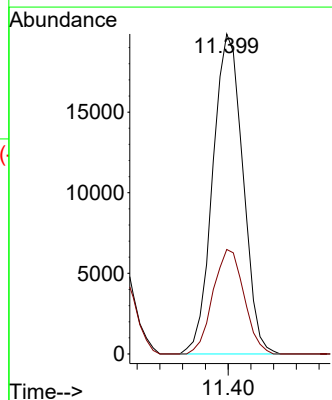
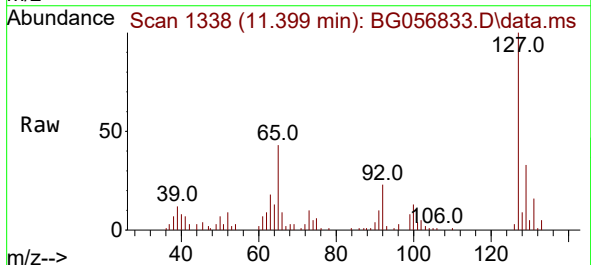
Instrument :
BNA_G
ClientSampleId :
SSTD020456

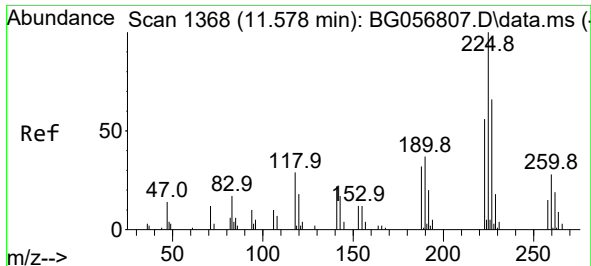
Tgt Ion:128 Resp: 82533
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 13.5 9.8 14.8



#32
4-Chloroaniline
Concen: 20.264 ng/ul
RT: 11.399 min Scan# 1338
Delta R.T. -0.003 min
Lab File: BG056833.D
Acq: 4 Mar 2023 12:28

Tgt Ion:127 Resp: 36589
Ion Ratio Lower Upper
127 100
129 32.7 23.4 35.0

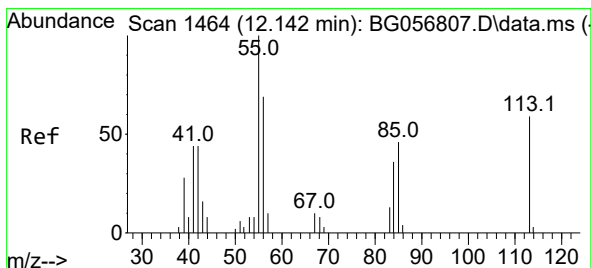
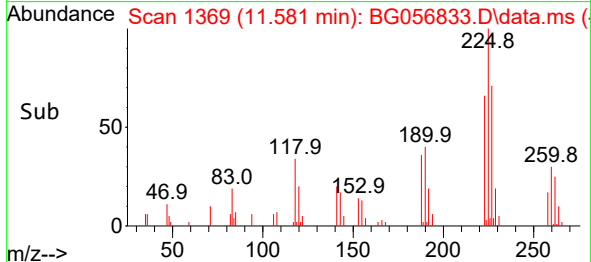
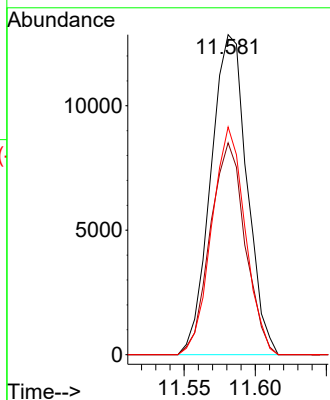
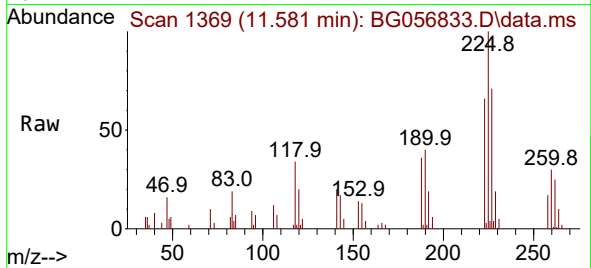




#33
Hexachlorobutadiene
Concen: 21.099 ng/ul
RT: 11.581 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056833.D
Acq: 4 Mar 2023 12:28

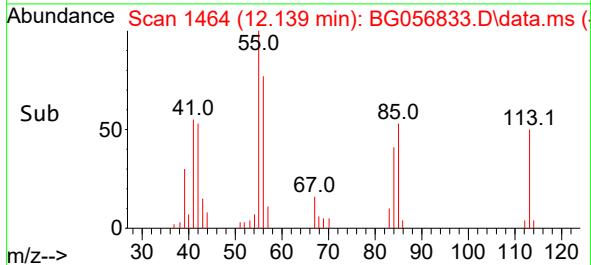
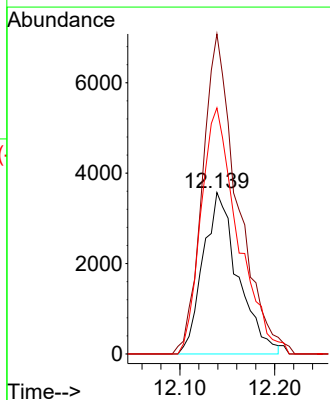
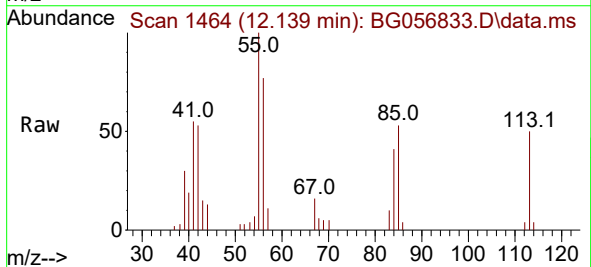
Instrument :
BNA_G
ClientSampleId :
SSTD020456

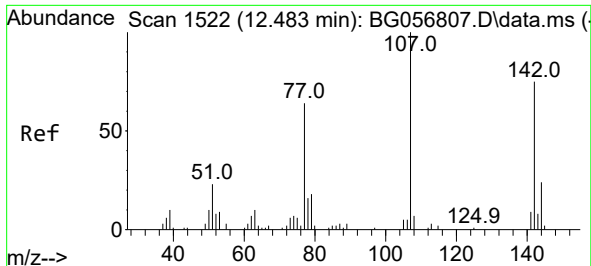
Tgt Ion:225 Resp: 22757
Ion Ratio Lower Upper
225 100
223 69.4 53.5 80.3
227 71.2 58.2 87.2



#34
Caprolactam
Concen: 19.927 ng/ul
RT: 12.139 min Scan# 1464
Delta R.T. 0.003 min
Lab File: BG056833.D
Acq: 4 Mar 2023 12:28

Tgt Ion:113 Resp: 9168
Ion Ratio Lower Upper
113 100
55 198.2 167.0 250.6
56 152.4 113.5 170.3





#35

4-Chloro-3-methylphenol

Concen: 20.651 ng/ul

RT: 12.486 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG056833.D

Acq: 4 Mar 2023 12:28

Instrument :

BNA_G

ClientSampleId :

SSTD020456

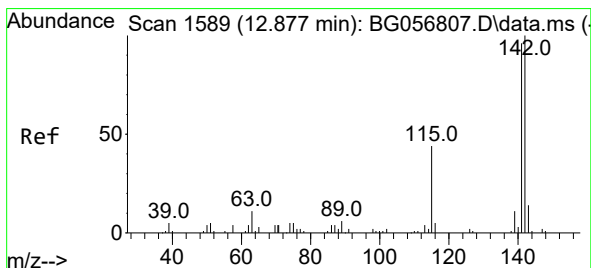
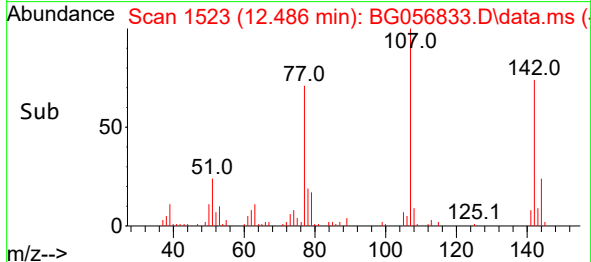
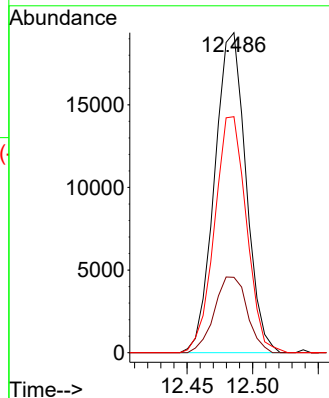
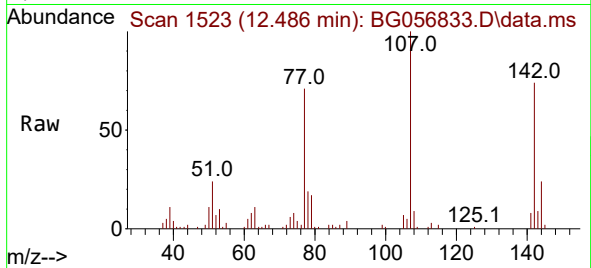
Tgt Ion:107 Resp: 32107

Ion Ratio Lower Upper

107 100

144 23.6 20.5 30.7

142 73.8 55.8 83.6



#36

2-Methylnaphthalene

Concen: 20.924 ng/ul

RT: 12.879 min Scan# 1590

Delta R.T. 0.003 min

Lab File: BG056833.D

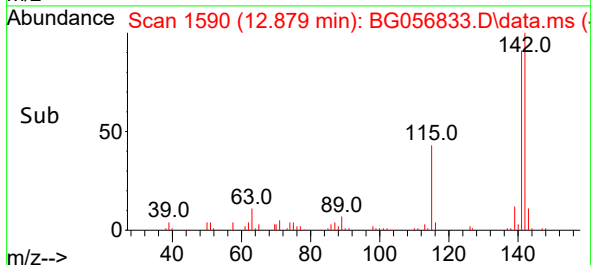
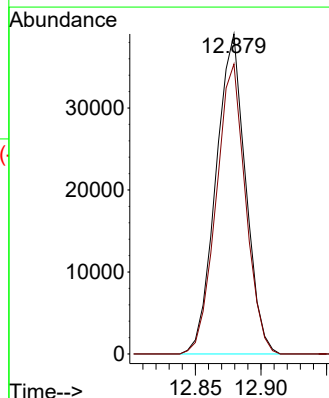
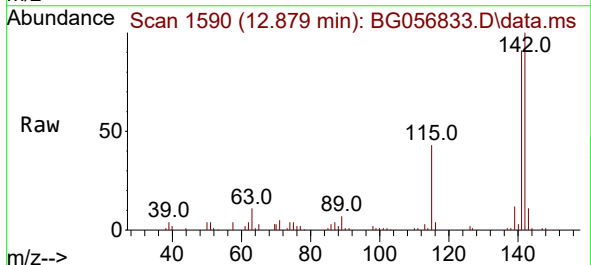
Acq: 4 Mar 2023 12:28

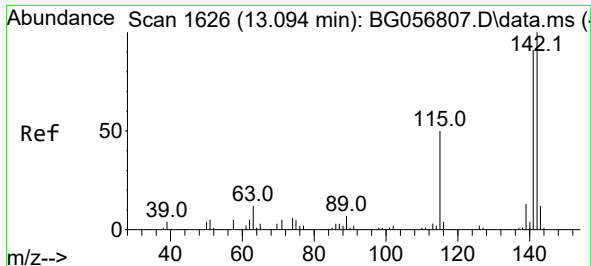
Tgt Ion:142 Resp: 61339

Ion Ratio Lower Upper

142 100

141 90.6 71.0 106.6

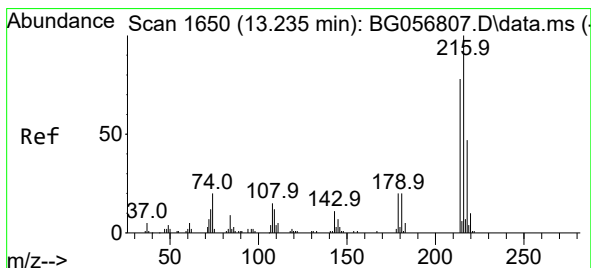
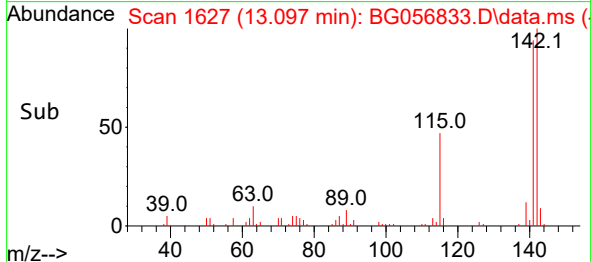
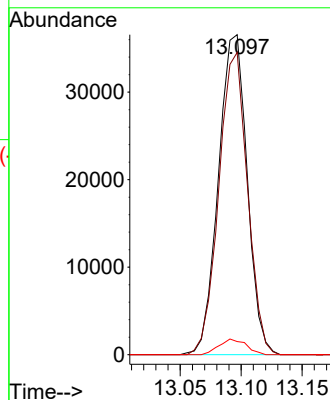
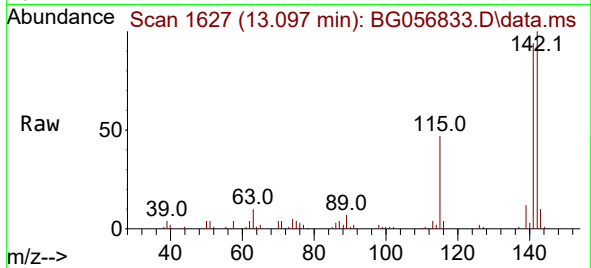




#37
1-Methylnaphthalene
Concen: 20.767 ng/ul
RT: 13.097 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG056833.D
Acq: 4 Mar 2023 12:28

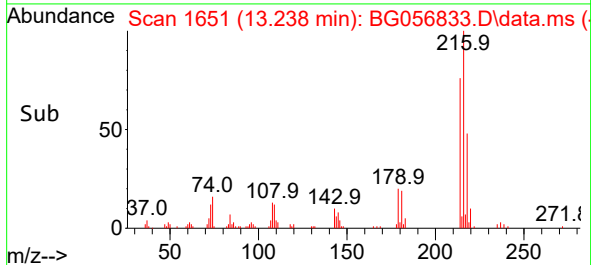
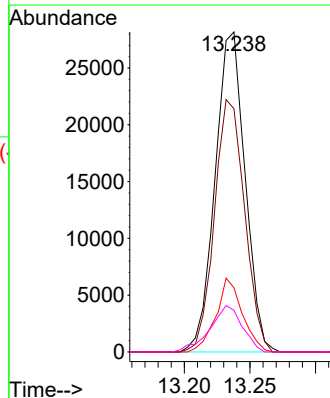
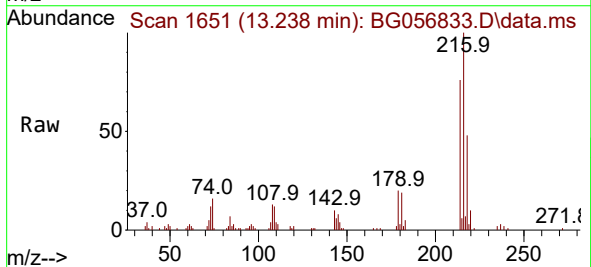
Instrument :
BNA_G
ClientSampleId :
SSTD020456

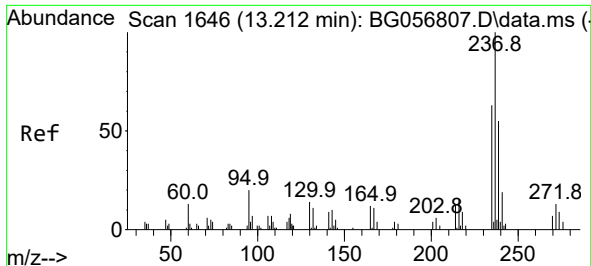
Tgt Ion:142 Resp: 60023
Ion Ratio Lower Upper
142 100
141 94.5 73.5 110.3
116 4.1 4.0 6.0



#39
1,2,4,5-Tetrachlorobenzene
Concen: 21.457 ng/ul
RT: 13.238 min Scan# 1651
Delta R.T. 0.003 min
Lab File: BG056833.D
Acq: 4 Mar 2023 12:28

Tgt Ion:216 Resp: 44767
Ion Ratio Lower Upper
216 100
214 76.0 64.4 96.6
179 20.0 16.9 25.3
108 13.0 11.6 17.4

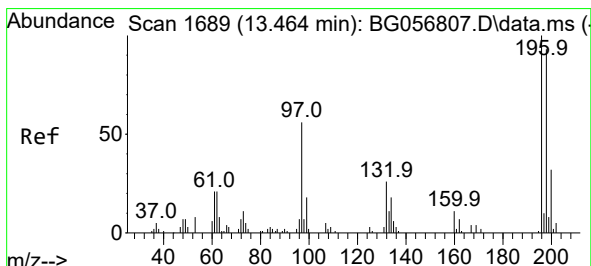
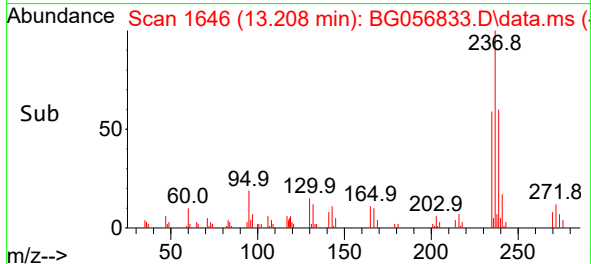
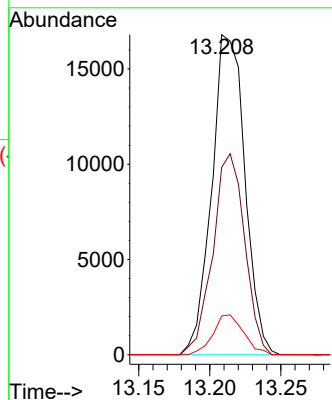
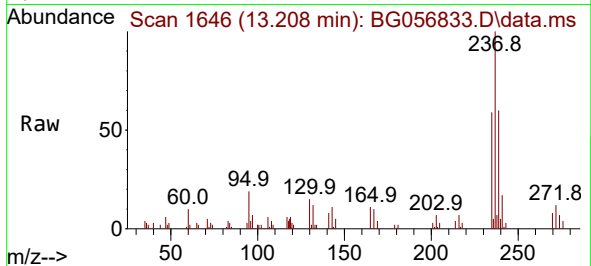




#40
Hexachlorocyclopentadiene
Concen: 18.239 ng/ul
RT: 13.208 min Scan# 1646
Delta R.T. -0.009 min
Lab File: BG056833.D
Acq: 4 Mar 2023 12:28

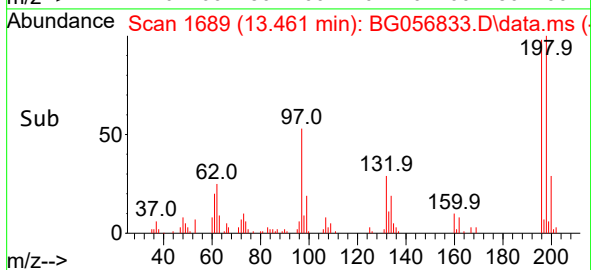
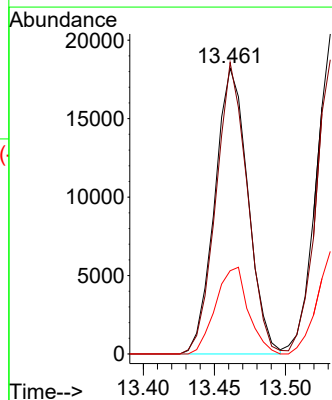
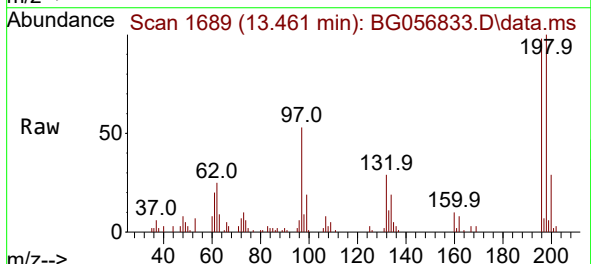
Instrument :
BNA_G
ClientSampleId :
SSTD020456

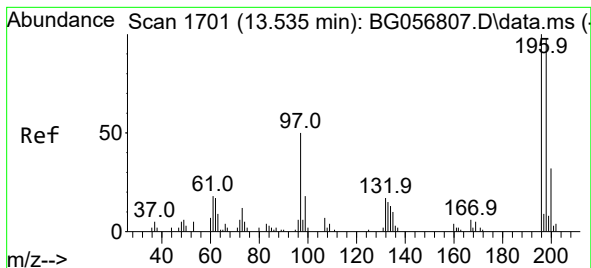
Tgt Ion:237 Resp: 27267
Ion Ratio Lower Upper
237 100
235 58.5 47.8 71.8
272 12.1 9.9 14.9



#41
2,4,6-Trichlorophenol
Concen: 21.293 ng/ul
RT: 13.461 min Scan# 1689
Delta R.T. -0.003 min
Lab File: BG056833.D
Acq: 4 Mar 2023 12:28

Tgt Ion:196 Resp: 29683
Ion Ratio Lower Upper
196 100
198 102.0 75.0 112.6
200 29.1 22.1 33.1





#42

2,4,5-Trichlorophenol

Concen: 21.953 ng/ul

RT: 13.531 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG056833.D

Acq: 4 Mar 2023 12:28

Instrument :

BNA_G

ClientSampleId :

SSTD020456

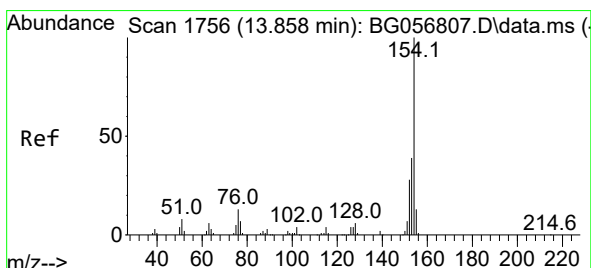
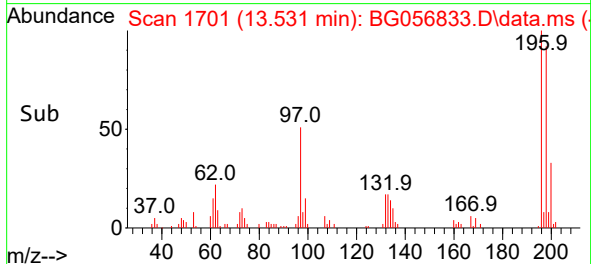
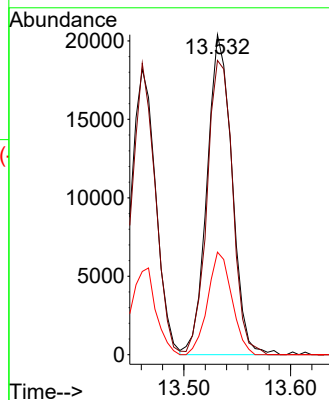
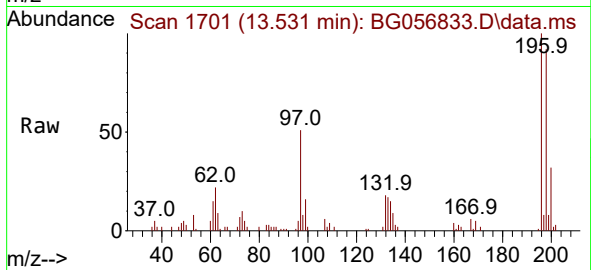
Tgt Ion:196 Resp: 33230

Ion Ratio Lower Upper

196 100

198 92.0 80.1 120.1

200 32.1 26.7 40.1



#43

1,1'-Biphenyl

Concen: 20.461 ng/ul

RT: 13.861 min Scan# 1757

Delta R.T. -0.003 min

Lab File: BG056833.D

Acq: 4 Mar 2023 12:28

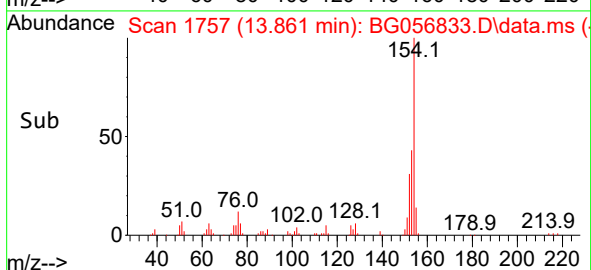
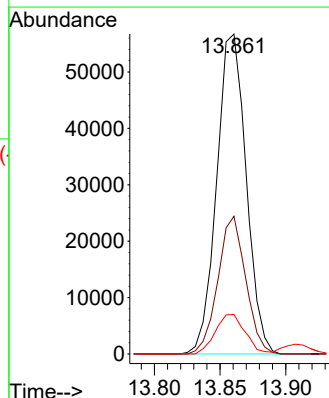
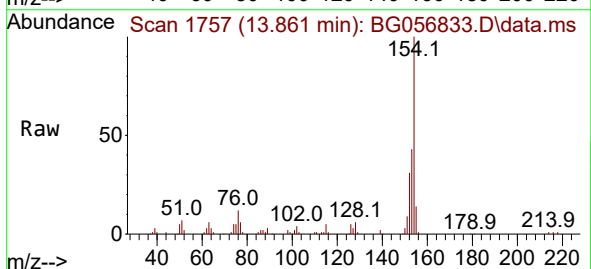
Tgt Ion:154 Resp: 88540

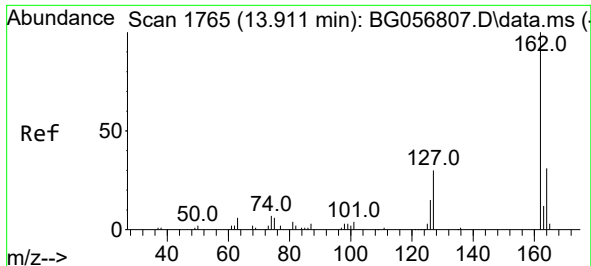
Ion Ratio Lower Upper

154 100

153 43.1 32.0 48.0

76 12.4 9.0 13.4

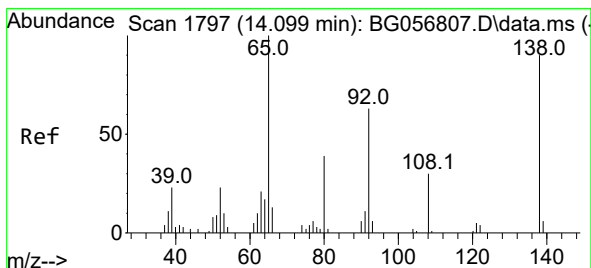
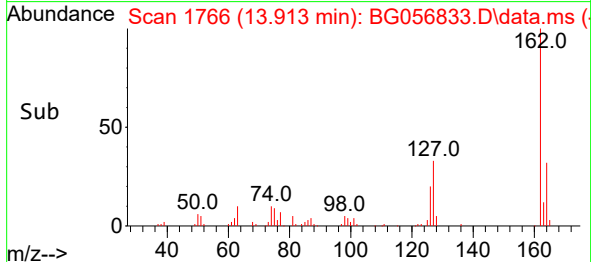
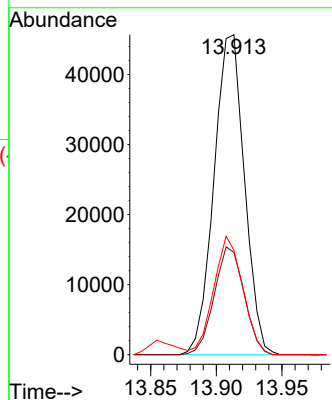
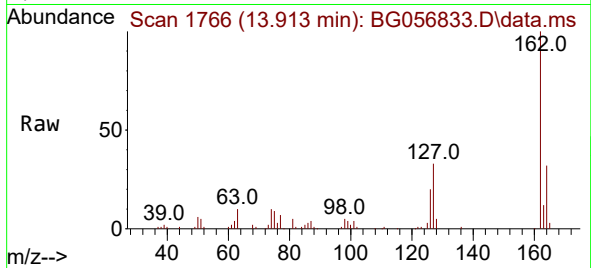




#44
2-Chloronaphthalene
Concen: 20.600 ng/ul
RT: 13.913 min Scan# 1766
Delta R.T. 0.003 min
Lab File: BG056833.D
Acq: 4 Mar 2023 12:28

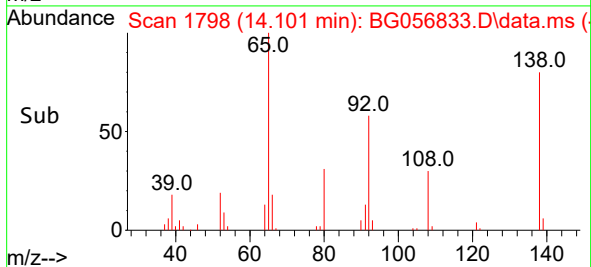
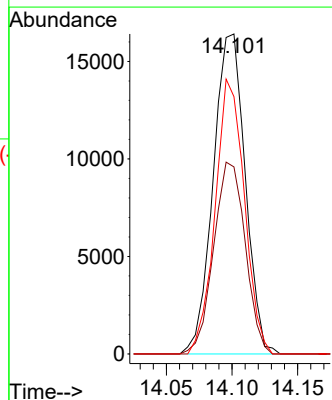
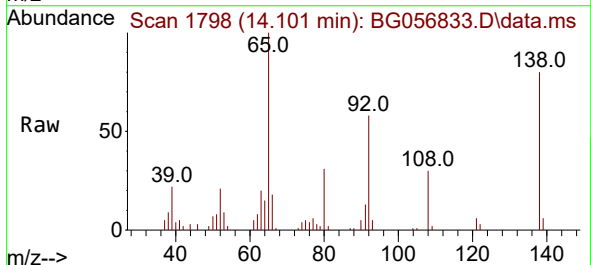
Instrument :
BNA_G
ClientSampleId :
SSTD020456

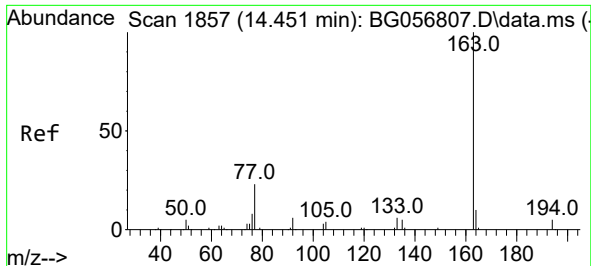
Tgt Ion:162 Resp: 73755
Ion Ratio Lower Upper
162 100
164 31.9 23.3 34.9
127 32.6 25.8 38.8



#45
2-Nitroaniline
Concen: 22.351 ng/ul
RT: 14.101 min Scan# 1798
Delta R.T. 0.003 min
Lab File: BG056833.D
Acq: 4 Mar 2023 12:28

Tgt Ion: 65 Resp: 27776
Ion Ratio Lower Upper
65 100
92 58.5 53.9 80.9
138 80.4 73.8 110.6

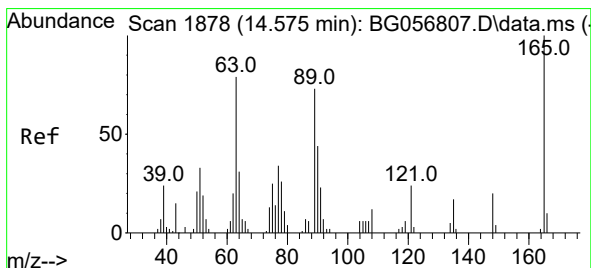
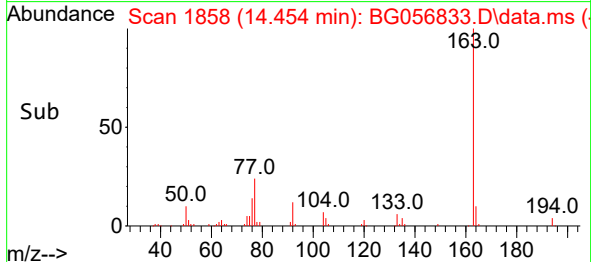
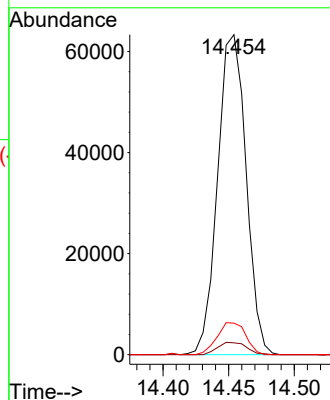
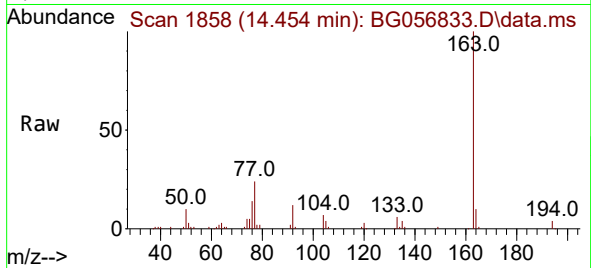




#47
Dimethylphthalate
Concen: 19.788 ng/ul
RT: 14.454 min Scan# 1858
Delta R.T. -0.003 min
Lab File: BG056833.D
Acq: 4 Mar 2023 12:28

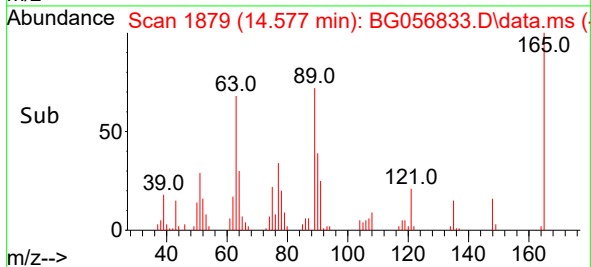
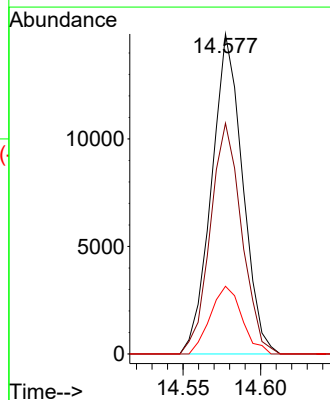
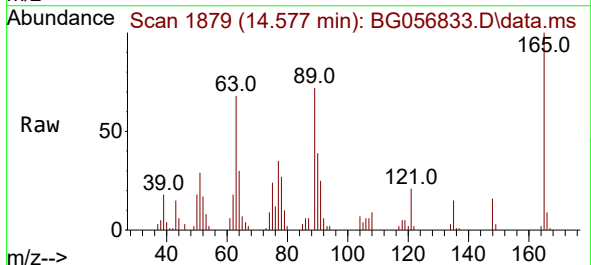
Instrument :
BNA_G
ClientSampleId :
SSTD020456

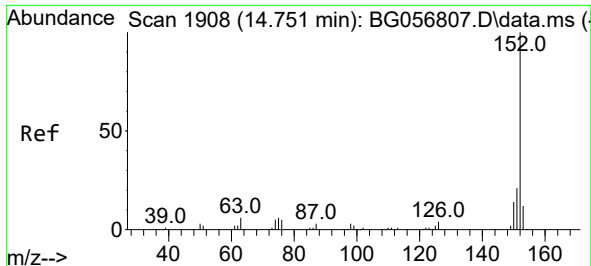
Tgt Ion:163 Resp: 95545
Ion Ratio Lower Upper
163 100
194 3.7 2.5 3.7
164 9.9 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 20.933 ng/ul
RT: 14.577 min Scan# 1879
Delta R.T. -0.003 min
Lab File: BG056833.D
Acq: 4 Mar 2023 12:28

Tgt Ion:165 Resp: 20719
Ion Ratio Lower Upper
165 100
89 72.1 48.4 72.6
121 21.1 15.5 23.3

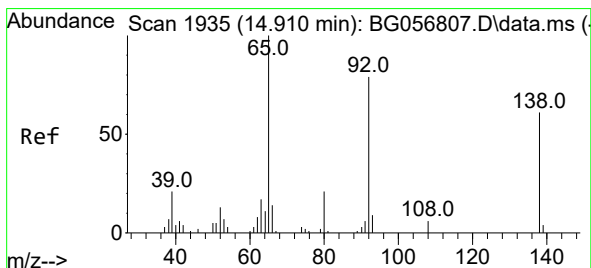
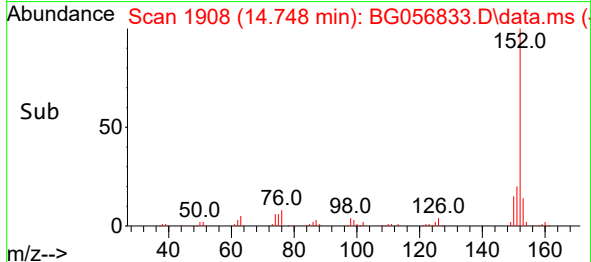
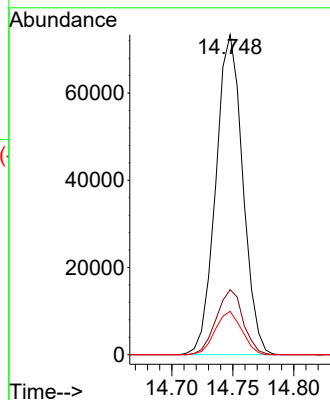
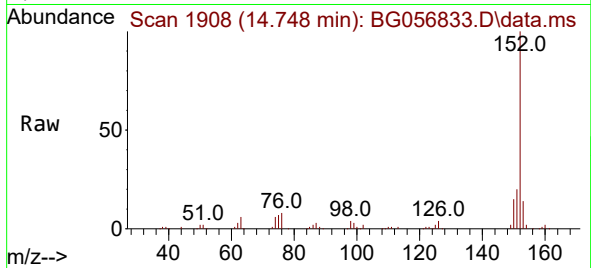




#50
Acenaphthylene
Concen: 20.734 ng/ul
RT: 14.748 min Scan# 1908
Delta R.T. -0.003 min
Lab File: BG056833.D
Acq: 4 Mar 2023 12:28

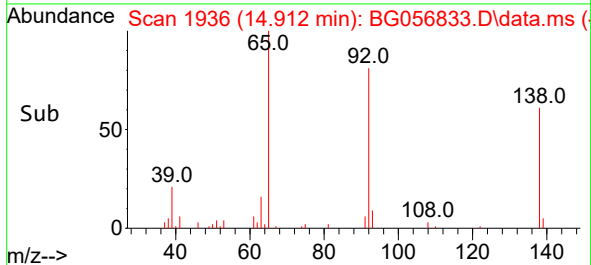
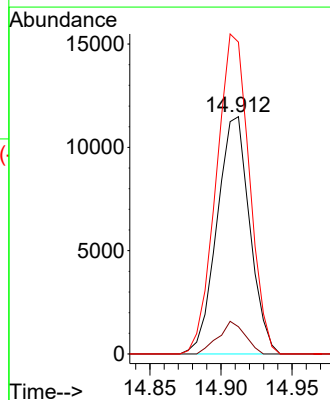
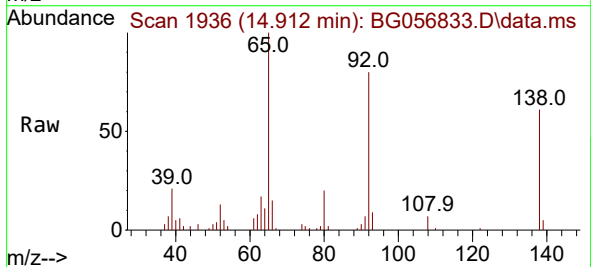
Instrument :
BNA_G
ClientSampleId :
SSTD020456

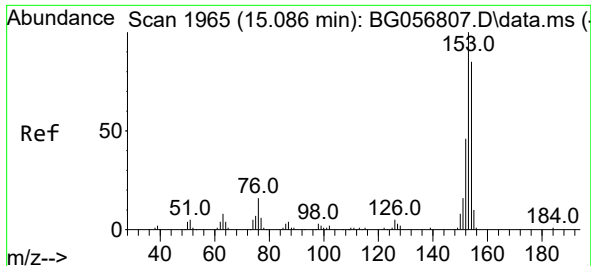
Tgt Ion:152 Resp: 113031
Ion Ratio Lower Upper
152 100
151 20.3 15.8 23.6
153 13.6 10.6 16.0



#51
3-Nitroaniline
Concen: 20.798 ng/ul
RT: 14.912 min Scan# 1936
Delta R.T. 0.003 min
Lab File: BG056833.D
Acq: 4 Mar 2023 12:28

Tgt Ion:138 Resp: 18423
Ion Ratio Lower Upper
138 100
108 11.5 6.5 9.7#
92 131.4 102.2 153.2

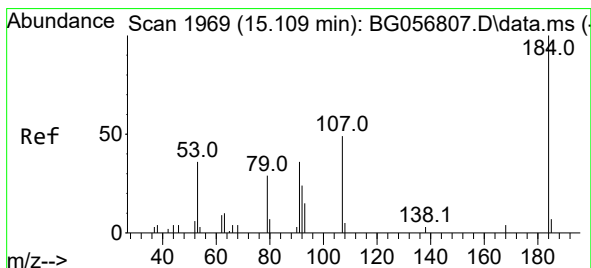
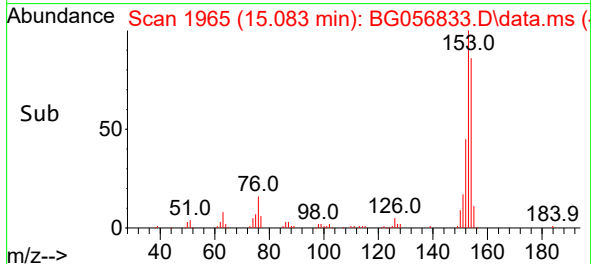
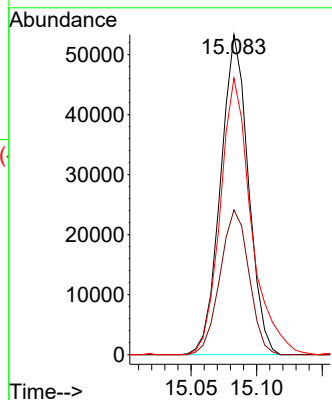
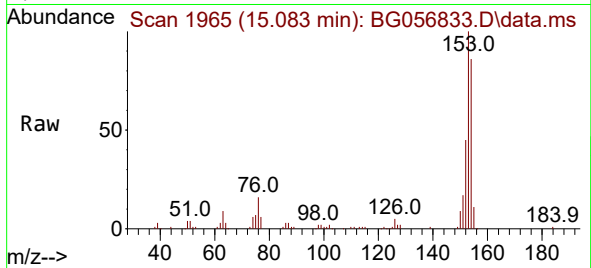




#52
Acenaphthene
Concen: 20.984 ng/ul
RT: 15.083 min Scan# 1965
Delta R.T. -0.003 min
Lab File: BG056833.D
Acq: 4 Mar 2023 12:28

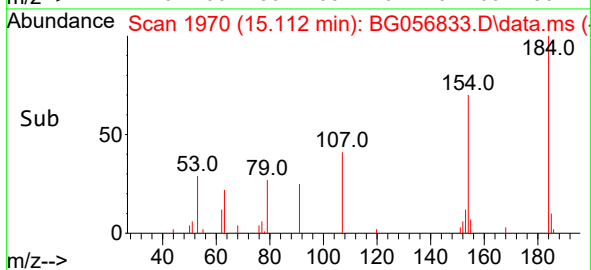
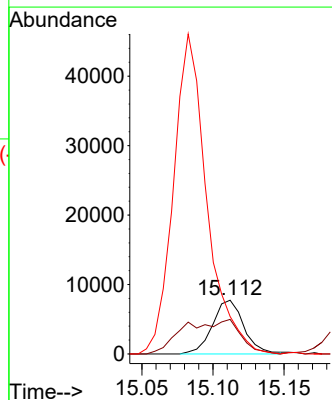
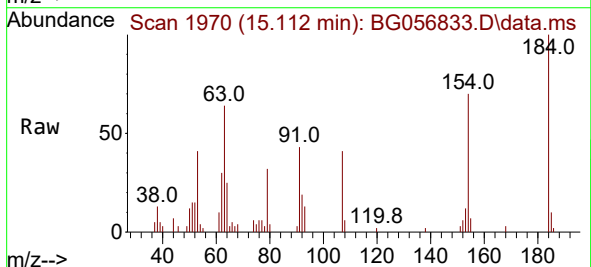
Instrument :
BNA_G
ClientSampleId :
SSTD020456

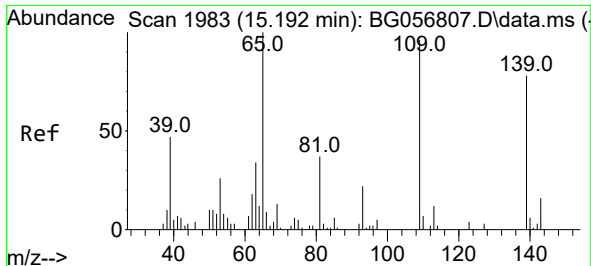
Tgt Ion:153 Resp: 78583
Ion Ratio Lower Upper
153 100
152 45.3 38.6 58.0
154 86.4 70.9 106.3



#53
2,4-Dinitrophenol
Concen: 18.764 ng/ul
RT: 15.112 min Scan# 1970
Delta R.T. 0.003 min
Lab File: BG056833.D
Acq: 4 Mar 2023 12:28

Tgt Ion:184 Resp: 11898
Ion Ratio Lower Upper
184 100
63 64.2 43.8 65.6
154 69.7 66.8 100.2

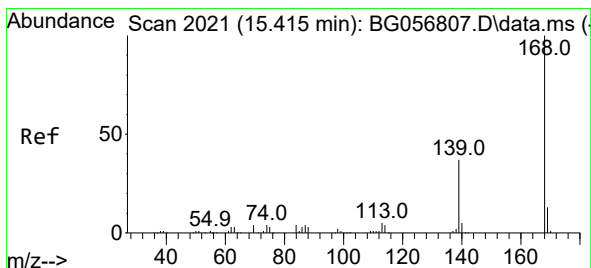
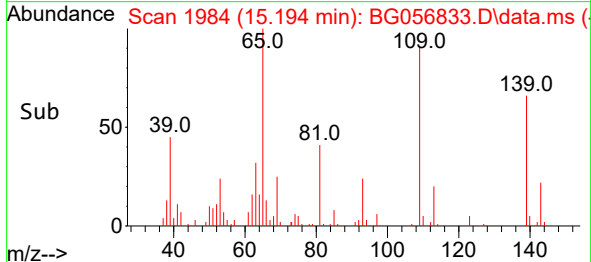
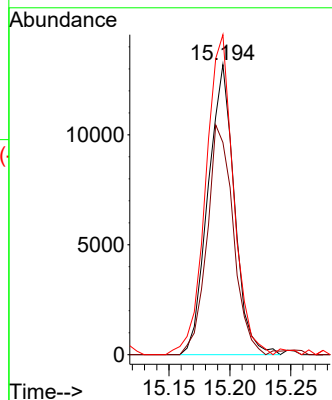
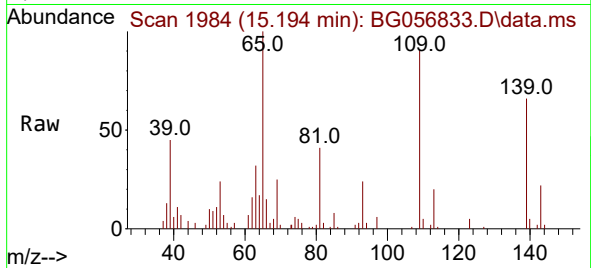




#55
4-Nitrophenol
Concen: 20.972 ng/ul
RT: 15.194 min Scan# 1983
Delta R.T. 0.003 min
Lab File: BG056833.D
Acq: 4 Mar 2023 12:28

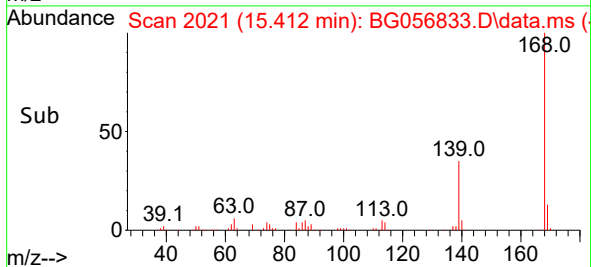
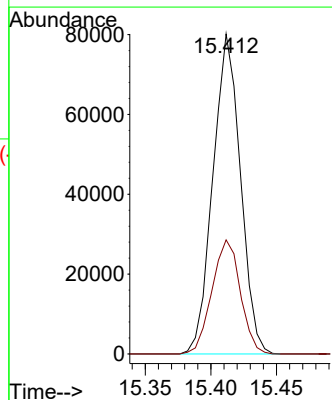
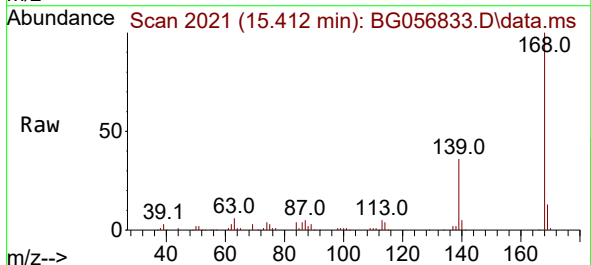
Instrument :
BNA_G
ClientSampleId :
SSTD020456

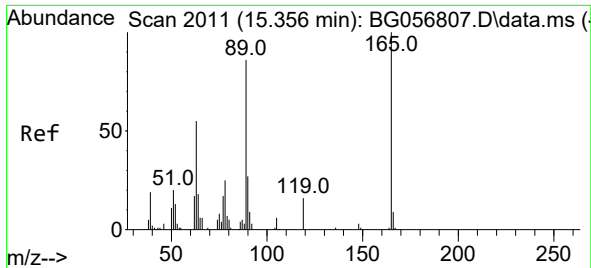
Tgt Ion:109 Resp: 19871
Ion Ratio Lower Upper
109 100
139 73.1 71.2 106.8
65 110.3 85.1 127.7



#56
Dibenzofuran
Concen: 20.539 ng/ul
RT: 15.412 min Scan# 2021
Delta R.T. -0.003 min
Lab File: BG056833.D
Acq: 4 Mar 2023 12:28

Tgt Ion:168 Resp: 116761
Ion Ratio Lower Upper
168 100
139 35.7 28.2 42.2

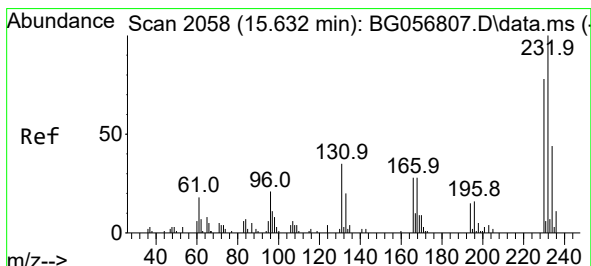
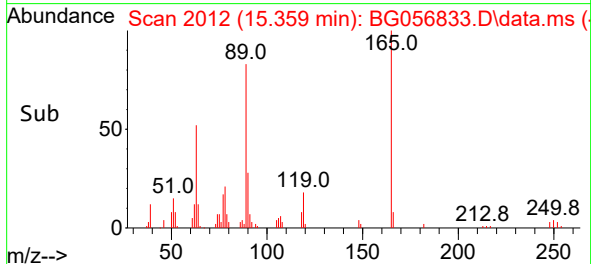
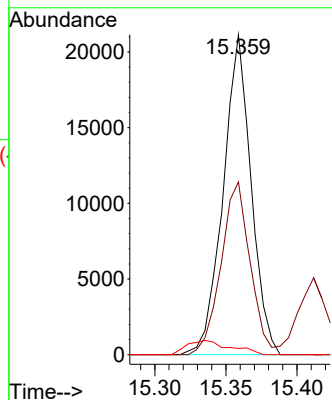
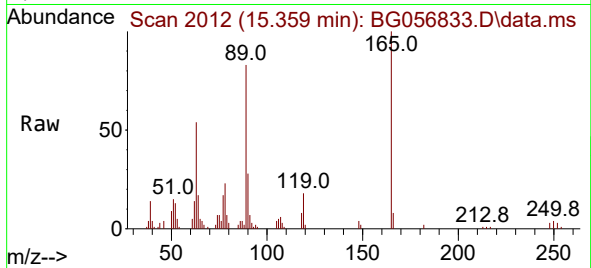




#57
2,4-Dinitrotoluene
Concen: 20.376 ng/ul
RT: 15.359 min Scan# 2011
Delta R.T. -0.003 min
Lab File: BG056833.D
Acq: 4 Mar 2023 12:28

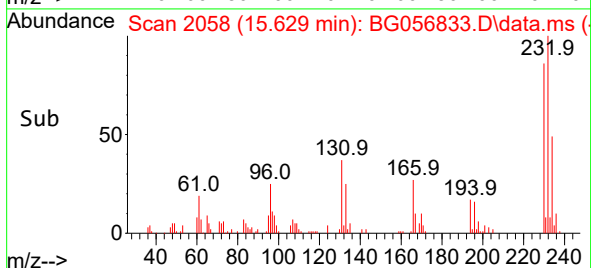
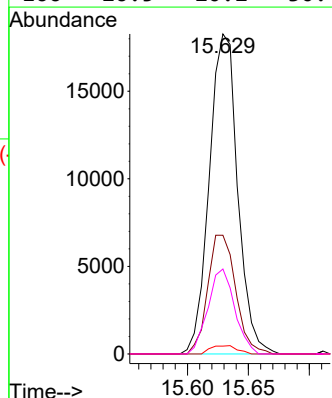
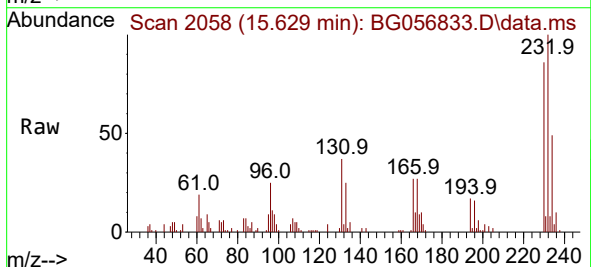
Instrument :
BNA_G
ClientSampleId :
SSTD020456

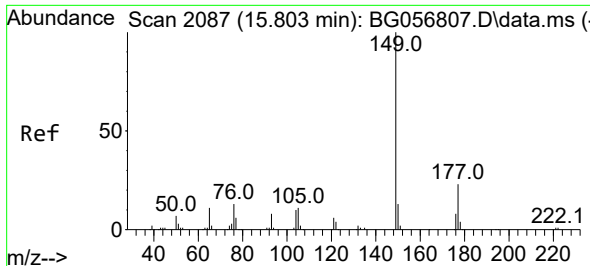
Tgt Ion:165 Resp: 28913
Ion Ratio Lower Upper
165 100
63 54.0 38.6 58.0
182 1.9 1.8 2.8



#58
2,3,4,6-Tetrachlorophenol
Concen: 21.010 ng/ul
RT: 15.629 min Scan# 2058
Delta R.T. -0.003 min
Lab File: BG056833.D
Acq: 4 Mar 2023 12:28

Tgt Ion:232 Resp: 29595
Ion Ratio Lower Upper
232 100
131 37.1 27.8 41.8
130 2.4 1.8 2.6
166 26.5 20.2 30.4





#59

Diethylphthalate

Concen: 19.743 ng/ul

RT: 15.799 min Scan# 2087

Delta R.T. -0.003 min

Lab File: BG056833.D

Acq: 4 Mar 2023 12:28

Instrument :

BNA_G

ClientSampleId :

SSTD020456

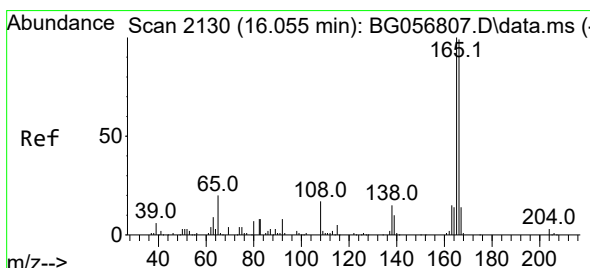
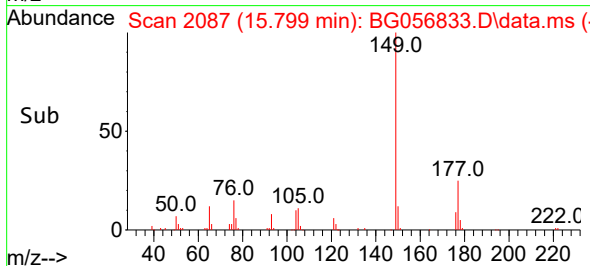
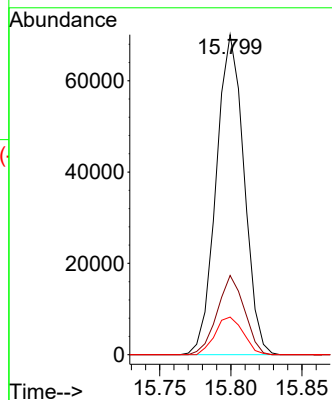
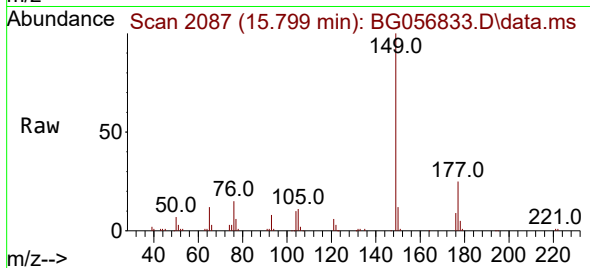
Tgt Ion:149 Resp: 95419

Ion Ratio Lower Upper

149 100

177 24.7 18.6 28.0

150 11.8 10.7 16.1



#61

Fluorene

Concen: 20.609 ng/ul

RT: 16.058 min Scan# 2131

Delta R.T. -0.003 min

Lab File: BG056833.D

Acq: 4 Mar 2023 12:28

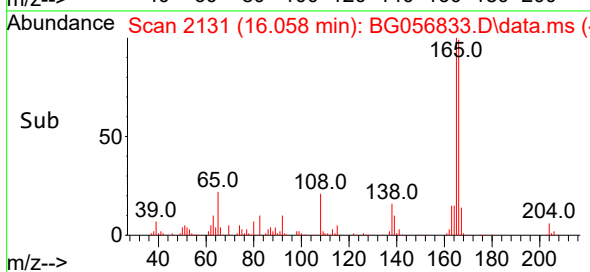
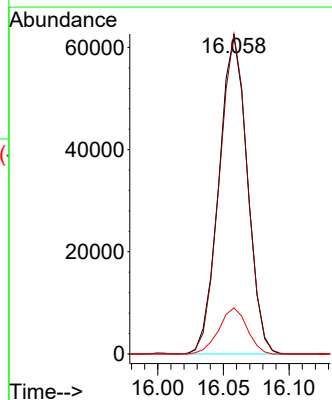
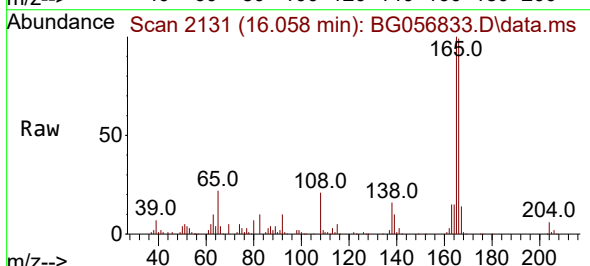
Tgt Ion:166 Resp: 93810

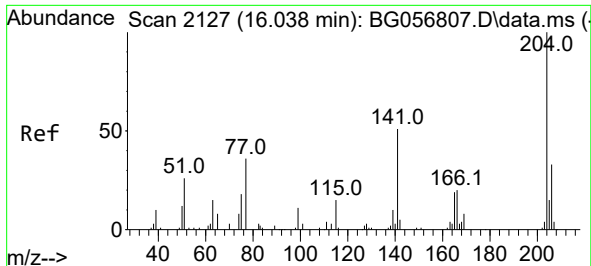
Ion Ratio Lower Upper

166 100

165 100.8 78.4 117.6

167 14.5 10.5 15.7





#62

4-Chlorophenyl-phenylether

Concen: 21.242 ng/ul

RT: 16.040 min Scan# 2127

Delta R.T. -0.003 min

Lab File: BG056833.D

Acq: 4 Mar 2023 12:28

Instrument :

BNA_G

ClientSampleId :

SSTD020456

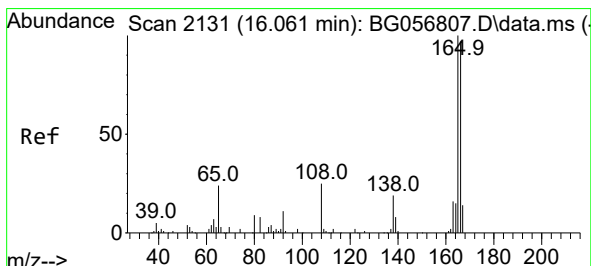
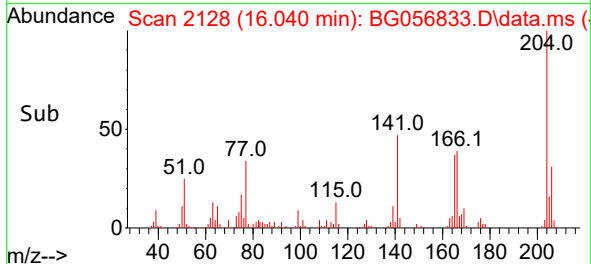
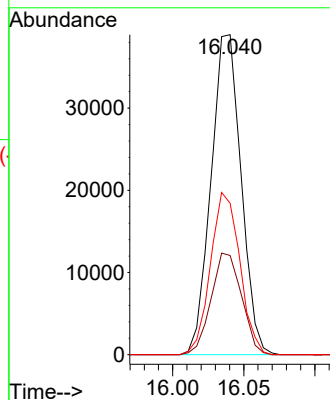
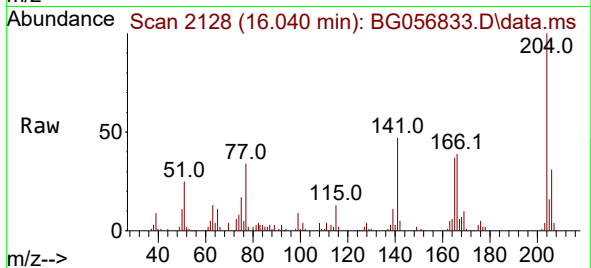
Tgt Ion:204 Resp: 57273

Ion Ratio Lower Upper

204 100

206 31.0 26.1 39.1

141 47.3 39.7 59.5



#63

4-Nitroaniline

Concen: 19.549 ng/ul

RT: 16.064 min Scan# 2132

Delta R.T. 0.003 min

Lab File: BG056833.D

Acq: 4 Mar 2023 12:28

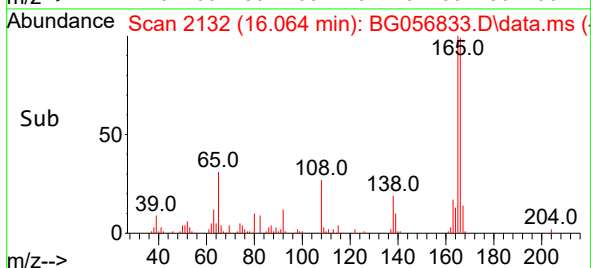
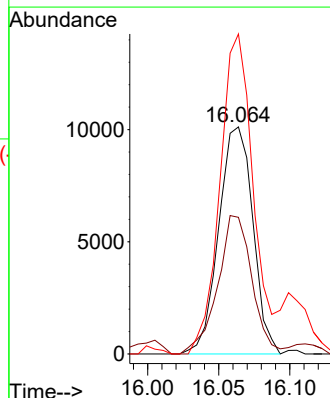
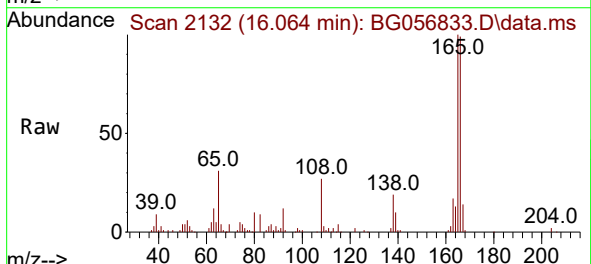
Tgt Ion:138 Resp: 16920

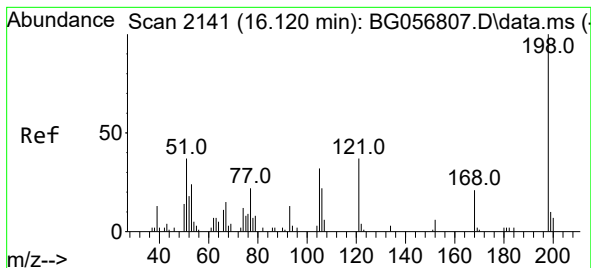
Ion Ratio Lower Upper

138 100

92 60.2 48.6 73.0

108 141.0 93.0 139.6#

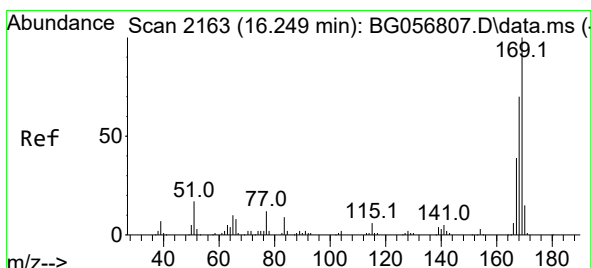
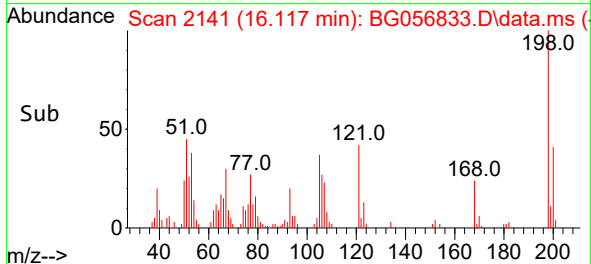
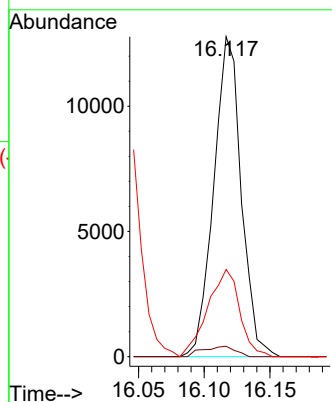
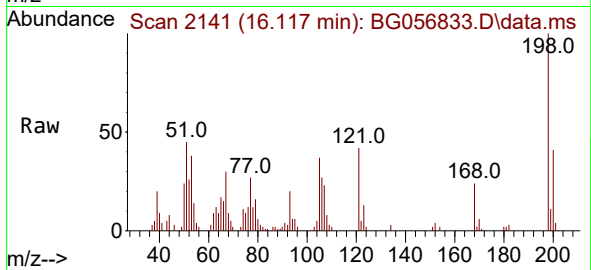




#66
 4,6-Dinitro-2-methylphenol
 Concen: 19.656 ng/ul
 RT: 16.117 min Scan# 2141
 Delta R.T. -0.003 min
 Lab File: BG056833.D
 Acq: 4 Mar 2023 12:28

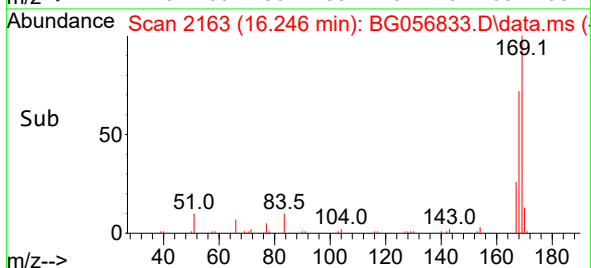
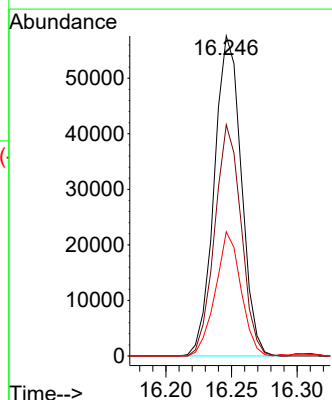
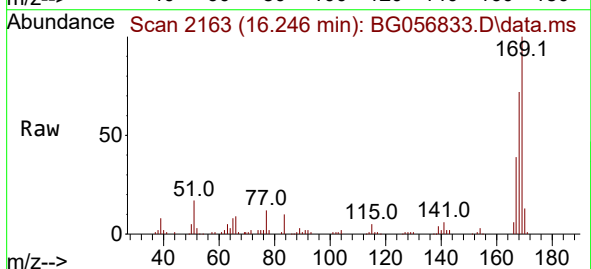
Instrument :
 BNA_G
 ClientSampleId :
 SST020456

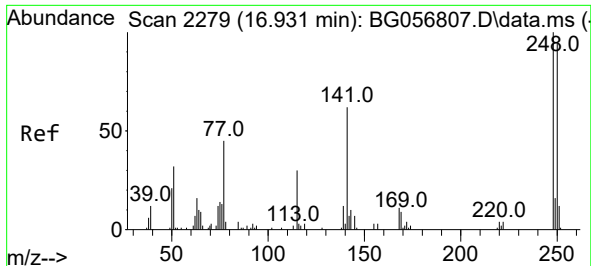
Tgt Ion:198 Resp: 18596
 Ion Ratio Lower Upper
 198 100
 182 3.2 2.4 3.6
 77 27.3 21.0 31.6



#67
 N-Nitrosodiphenylamine
 Concen: 20.203 ng/ul
 RT: 16.246 min Scan# 2163
 Delta R.T. -0.003 min
 Lab File: BG056833.D
 Acq: 4 Mar 2023 12:28

Tgt Ion:169 Resp: 82521
 Ion Ratio Lower Upper
 169 100
 168 72.2 55.1 82.7
 167 38.8 28.3 42.5

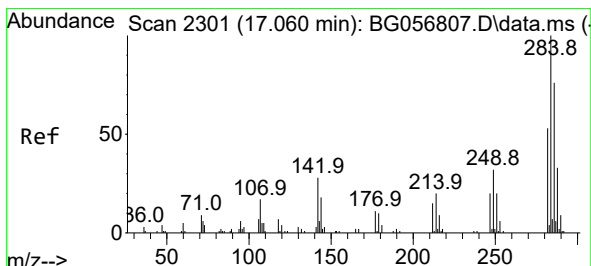
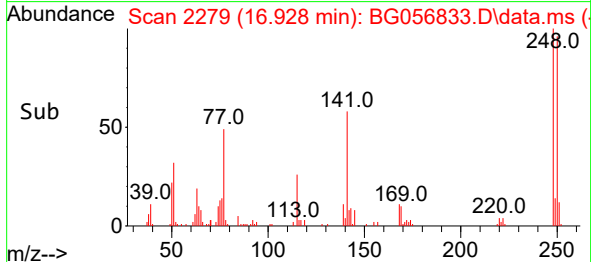
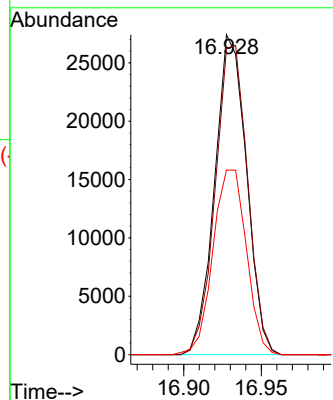
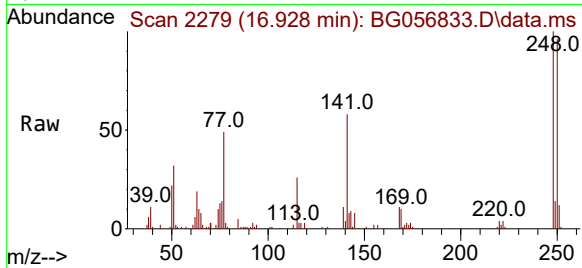




#68
4-Bromophenyl-phenylether
Concen: 20.974 ng/ul
RT: 16.928 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG056833.D
Acq: 4 Mar 2023 12:28

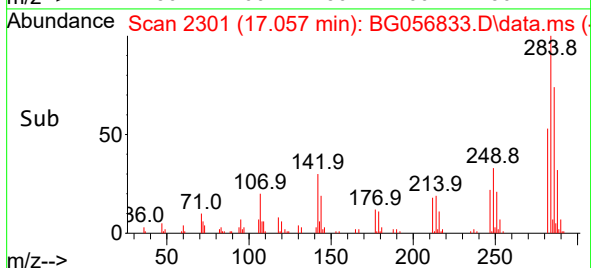
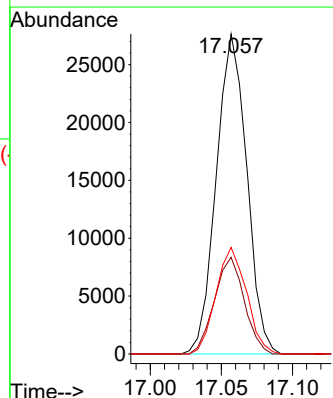
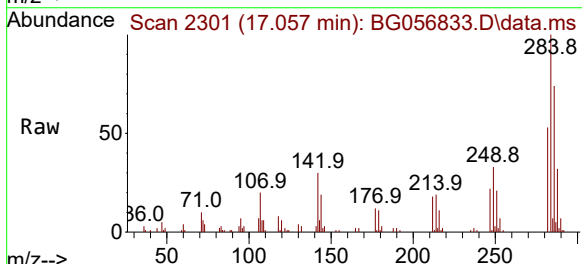
Instrument :
BNA_G
ClientSampleId :
SSTD020456

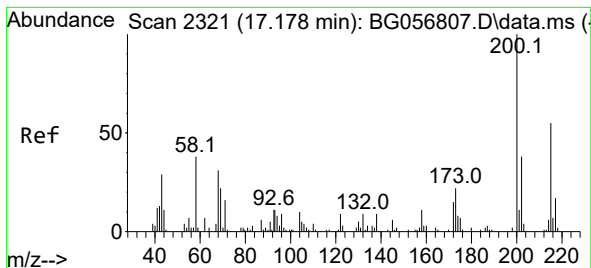
Tgt Ion:248 Resp: 39042
Ion Ratio Lower Upper
248 100
250 95.7 80.4 120.6
141 57.7 47.6 71.4



#69
Hexachlorobenzene
Concen: 20.602 ng/ul
RT: 17.057 min Scan# 2301
Delta R.T. -0.003 min
Lab File: BG056833.D
Acq: 4 Mar 2023 12:28

Tgt Ion:284 Resp: 41200
Ion Ratio Lower Upper
284 100
142 30.2 21.8 32.6
249 33.3 25.9 38.9





#70

Atrazine

Concen: 20.280 ng/ul

RT: 17.174 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG056833.D

Acq: 4 Mar 2023 12:28

Instrument :

BNA_G

ClientSampleId :

SSTD020456

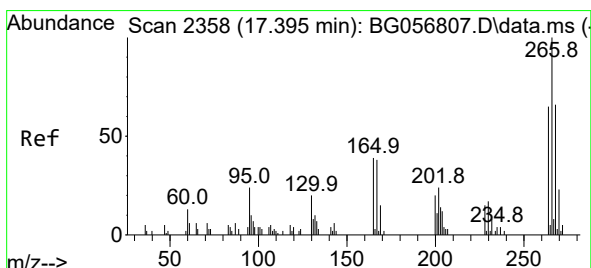
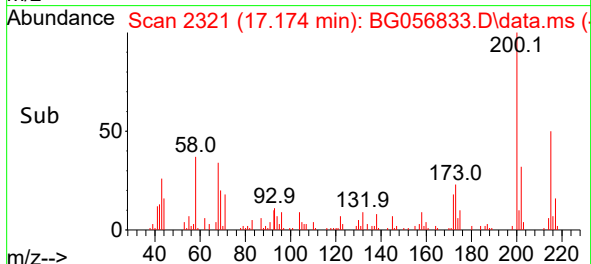
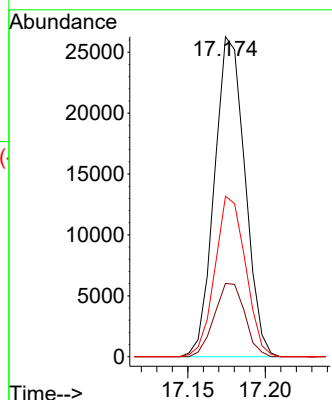
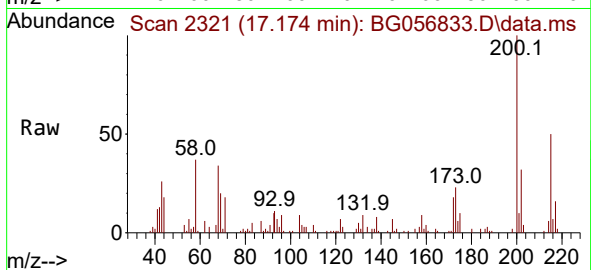
Tgt Ion:200 Resp: 35976

Ion Ratio Lower Upper

200 100

173 22.9 17.4 26.0

215 50.1 41.7 62.5



#71

Pentachlorophenol

Concen: 19.316 ng/ul

RT: 17.398 min Scan# 2359

Delta R.T. 0.003 min

Lab File: BG056833.D

Acq: 4 Mar 2023 12:28

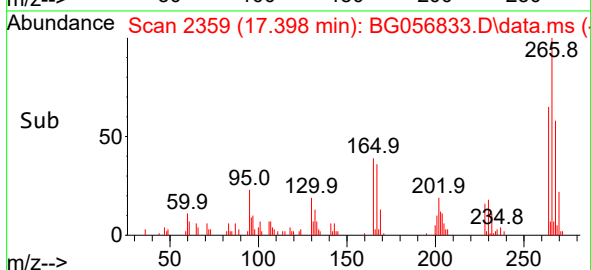
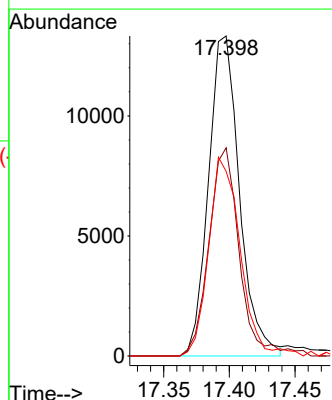
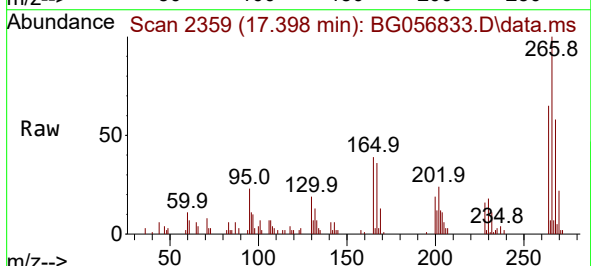
Tgt Ion:266 Resp: 21934

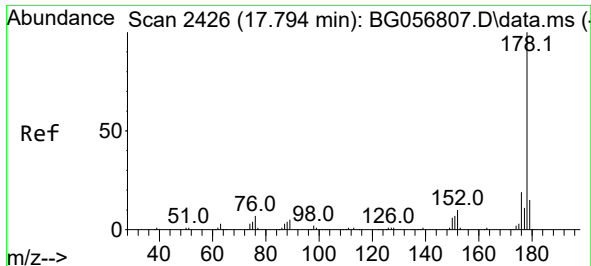
Ion Ratio Lower Upper

266 100

264 65.1 49.9 74.9

268 62.9 54.5 81.7

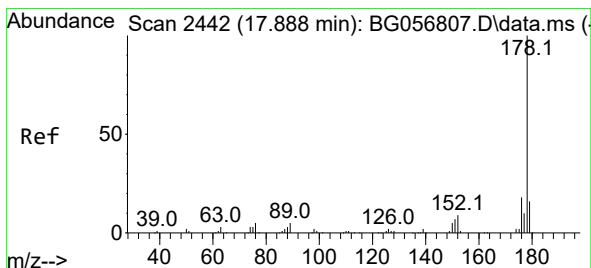
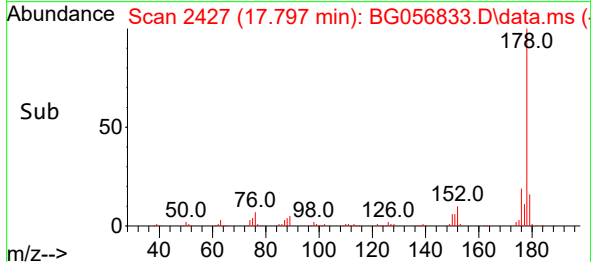
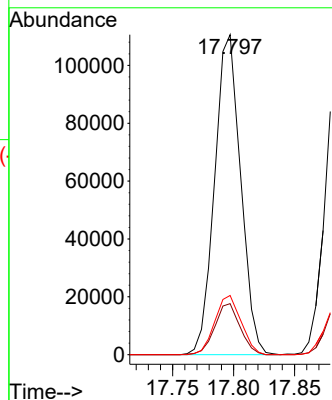
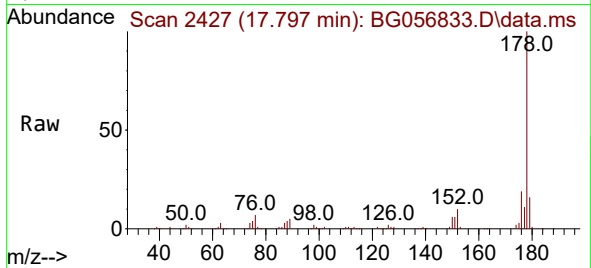




#72
Phenanthrene
Concen: 20.674 ng/ul
RT: 17.797 min Scan# 2426
Delta R.T. -0.003 min
Lab File: BG056833.D
Acq: 4 Mar 2023 12:28

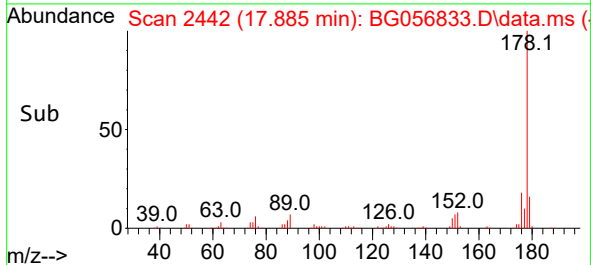
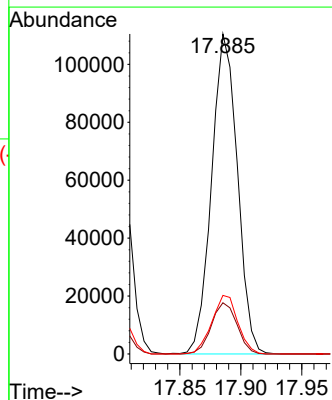
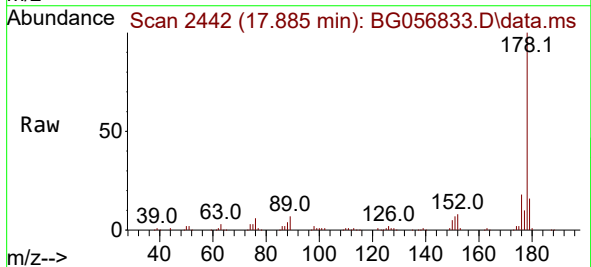
Instrument :
BNA_G
ClientSampleId :
SSTD020456

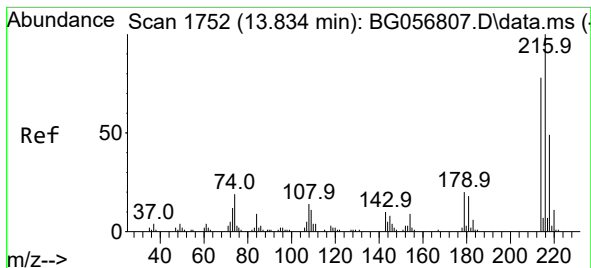
Tgt Ion:178 Resp: 164492
Ion Ratio Lower Upper
178 100
179 16.0 12.1 18.1
176 18.5 14.4 21.6



#74
Anthracene
Concen: 20.254 ng/ul
RT: 17.885 min Scan# 2442
Delta R.T. -0.003 min
Lab File: BG056833.D
Acq: 4 Mar 2023 12:28

Tgt Ion:178 Resp: 162851
Ion Ratio Lower Upper
178 100
179 16.0 12.1 18.1
176 18.3 14.1 21.1

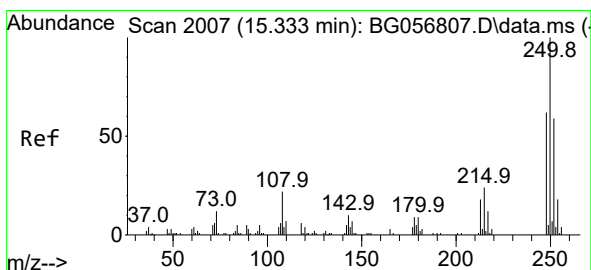
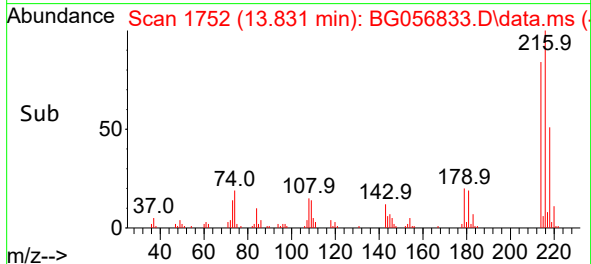
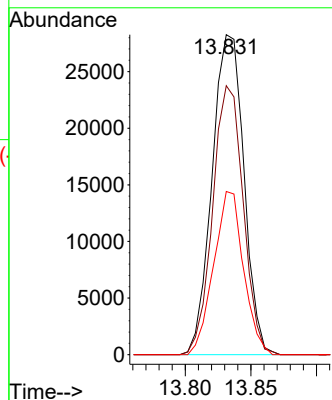
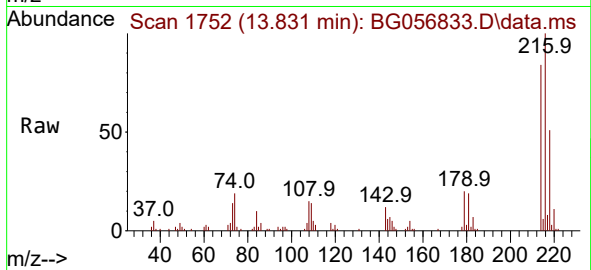




#75
1,2,3,4-Tetrachlorobenzene
Concen: 21.240 ng/uL
RT: 13.831 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056833.D
Acq: 4 Mar 2023 12:28

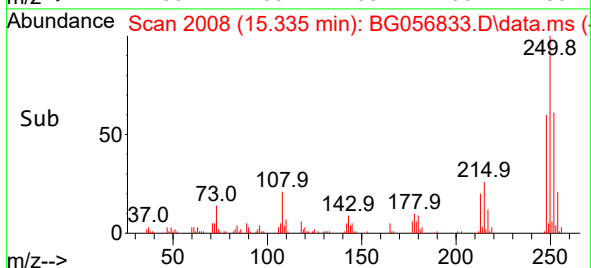
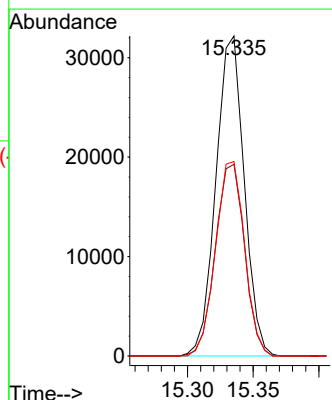
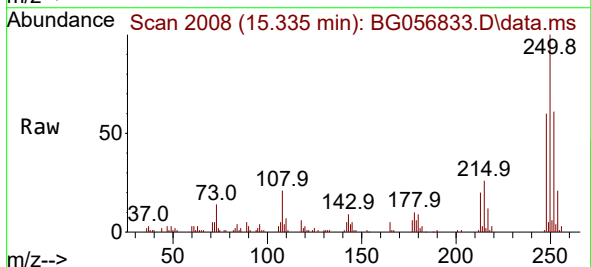
Instrument :
BNA_G
ClientSampleId :
SSTD020456

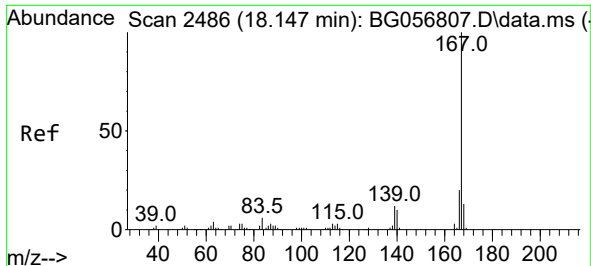
Tgt Ion:216 Resp: 47727
Ion Ratio Lower Upper
216 100
214 84.1 64.2 96.2
218 51.0 36.6 54.8



#76
Pentachlorobenzene
Concen: 21.160 ng/uL
RT: 15.335 min Scan# 2008
Delta R.T. -0.003 min
Lab File: BG056833.D
Acq: 4 Mar 2023 12:28

Tgt Ion:250 Resp: 48225
Ion Ratio Lower Upper
250 100
248 59.9 47.1 70.7
252 60.7 52.4 78.6

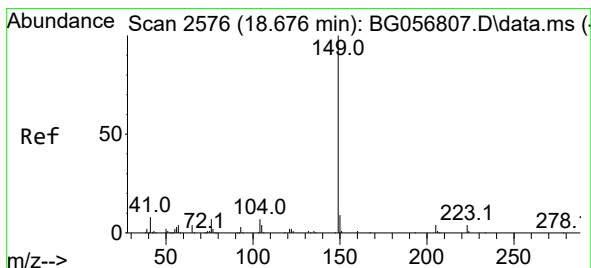
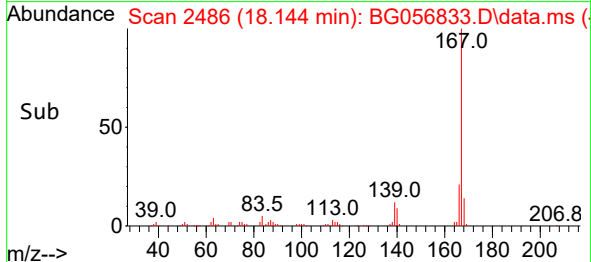
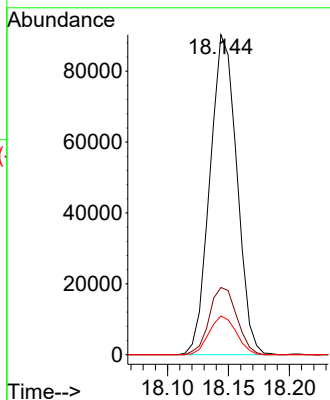
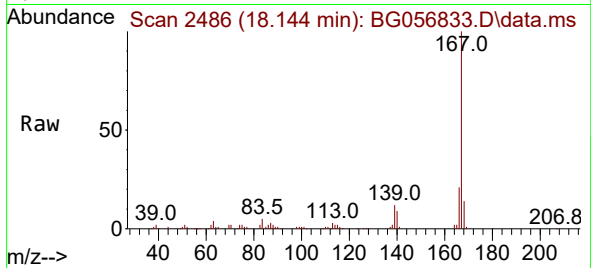




#77
 Carbazole
 Concen: 20.642 ng/ul
 RT: 18.144 min Scan# 2486
 Delta R.T. -0.003 min
 Lab File: BG056833.D
 Acq: 4 Mar 2023 12:28

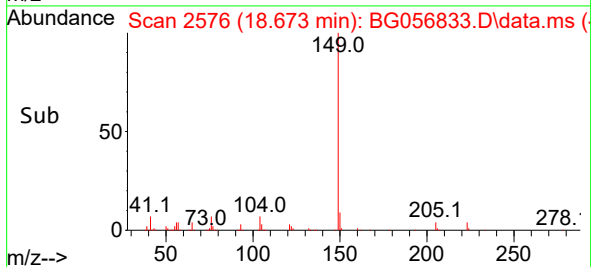
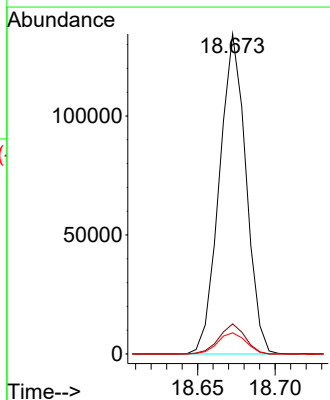
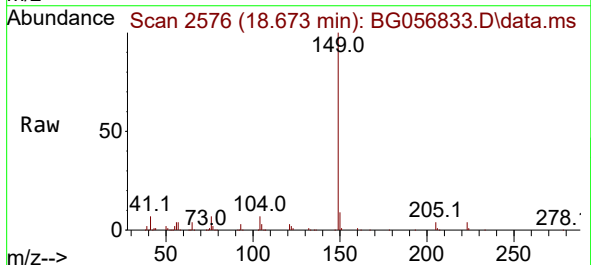
Instrument :
 BNA_G
 ClientSampleId :
 SST020456

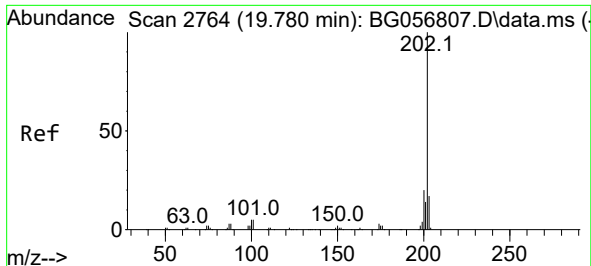
Tgt Ion:167 Resp: 138871
 Ion Ratio Lower Upper
 167 100
 166 21.0 18.2 27.2
 139 12.1 9.8 14.8



#78
 Di-n-butylphthalate
 Concen: 20.712 ng/ul
 RT: 18.673 min Scan# 2576
 Delta R.T. -0.003 min
 Lab File: BG056833.D
 Acq: 4 Mar 2023 12:28

Tgt Ion:149 Resp: 160595
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 6.6 5.4 8.2

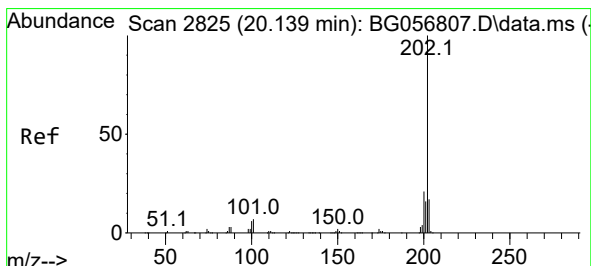
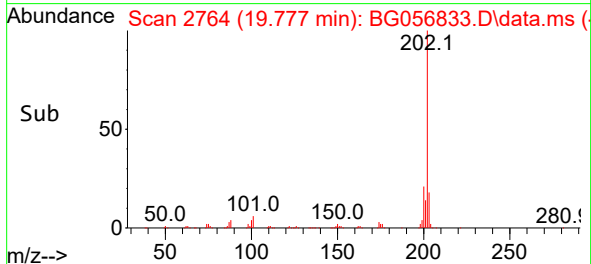
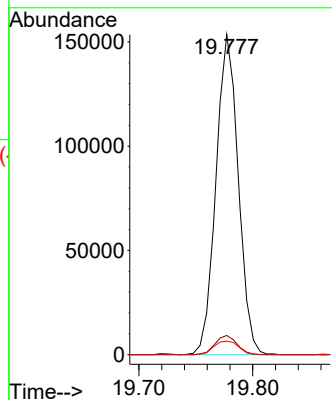
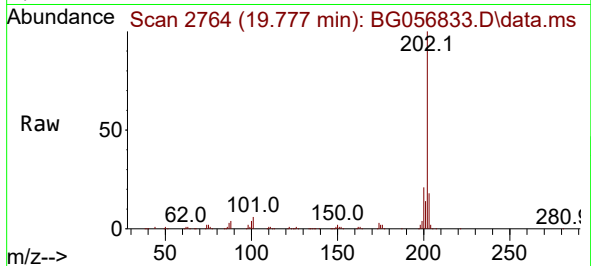




#80
Fluoranthene
Concen: 17.841 ng/ul
RT: 19.777 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG056833.D
Acq: 4 Mar 2023 12:28

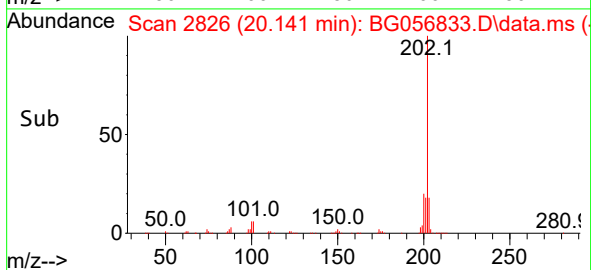
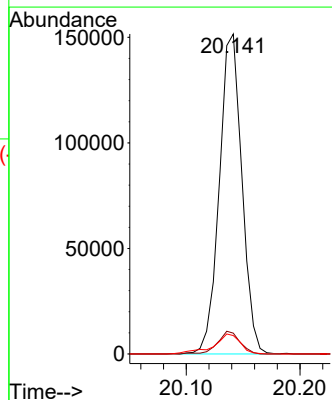
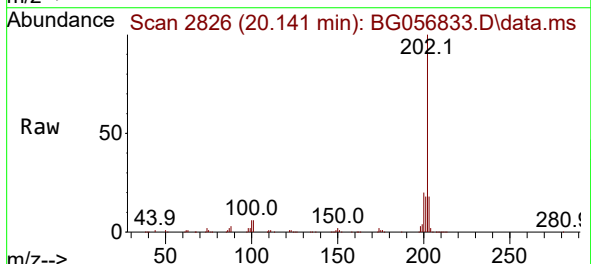
Instrument :
BNA_G
ClientSampleId :
SSTD020456

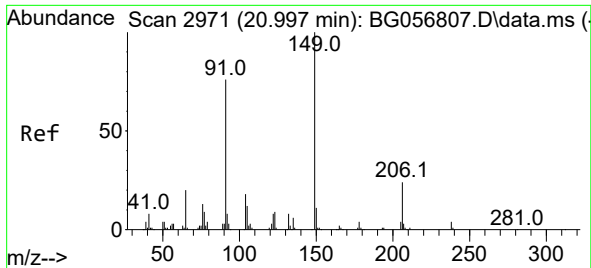
Tgt Ion:202 Resp: 209317
Ion Ratio Lower Upper
202 100
101 6.0 4.7 7.1
100 4.2 4.4 6.6#



#82
Pyrene
Concen: 18.111 ng/ul
RT: 20.141 min Scan# 2826
Delta R.T. 0.003 min
Lab File: BG056833.D
Acq: 4 Mar 2023 12:28

Tgt Ion:202 Resp: 209339
Ion Ratio Lower Upper
202 100
101 6.5 5.3 7.9
100 5.8 4.6 7.0

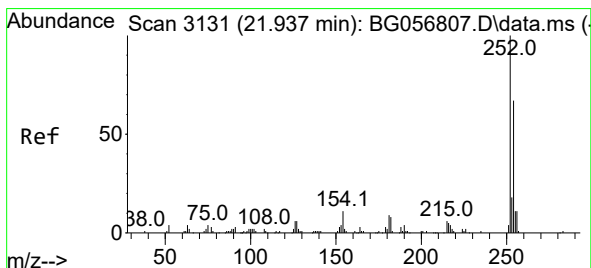
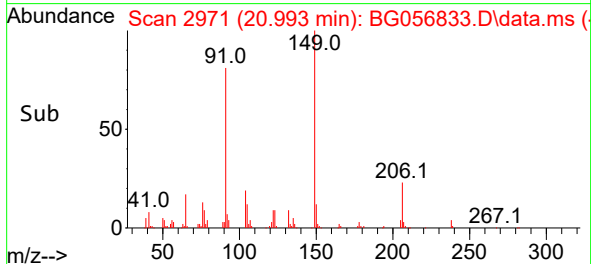
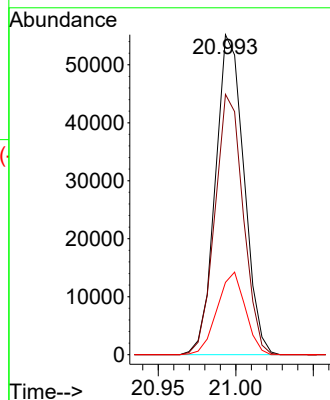
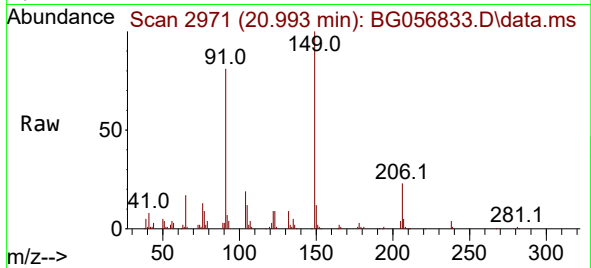




#83
Butylbenzylphthalate
Concen: 19.267 ng/ul
RT: 20.993 min Scan# 2971
Delta R.T. -0.009 min
Lab File: BG056833.D
Acq: 4 Mar 2023 12:28

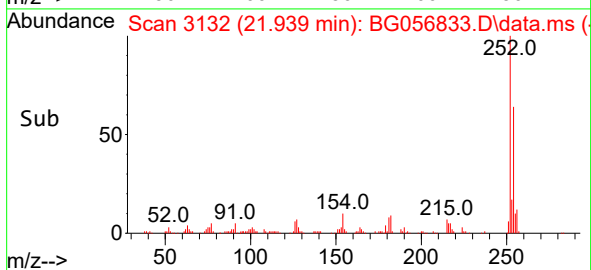
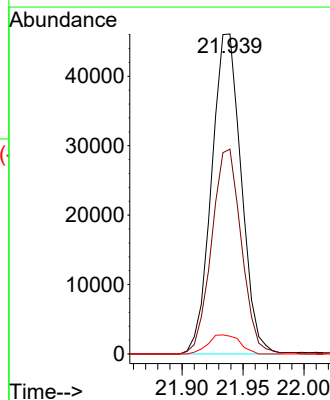
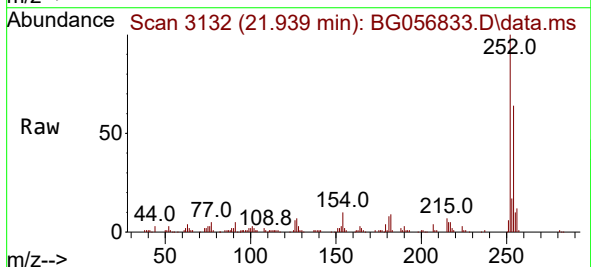
Instrument :
BNA_G
ClientSampleId :
SSTD020456

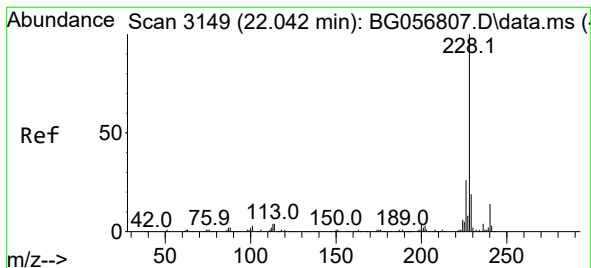
Tgt Ion:	149	Resp:	70648
Ion Ratio	Lower	Upper	
149	100		
91	81.4	59.3	88.9
206	22.6	19.7	29.5



#84
3,3'-Dichlorobenzidine
Concen: 21.697 ng/ul
RT: 21.939 min Scan# 3132
Delta R.T. 0.003 min
Lab File: BG056833.D
Acq: 4 Mar 2023 12:28

Tgt Ion:	252	Resp:	78005
Ion Ratio	Lower	Upper	
252	100		
254	64.0	52.6	78.8
126	5.6	5.0	7.6





#85

Benzo(a)anthracene

Concen: 20.385 ng/ul

RT: 22.039 min Scan# 3149

Delta R.T. -0.003 min

Lab File: BG056833.D

Acq: 4 Mar 2023 12:28

Instrument :

BNA_G

ClientSampleId :

SSTD020456

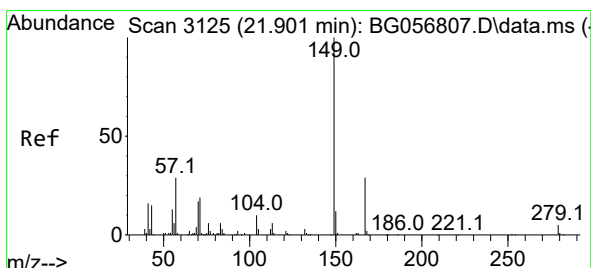
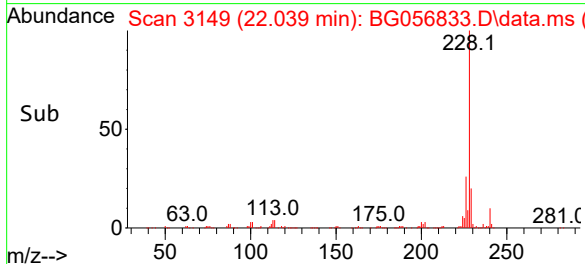
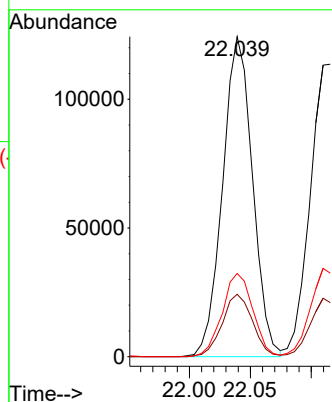
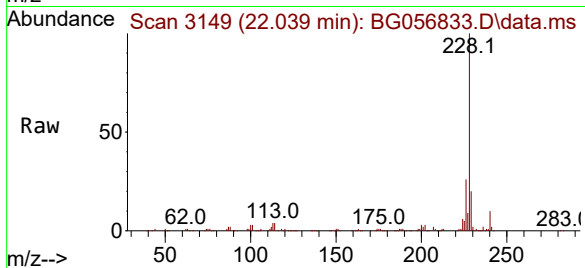
Tgt Ion:228 Resp: 212747

Ion Ratio Lower Upper

228 100

229 19.5 16.2 24.4

226 26.0 20.6 31.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 19.644 ng/ul

RT: 21.898 min Scan# 3125

Delta R.T. -0.009 min

Lab File: BG056833.D

Acq: 4 Mar 2023 12:28

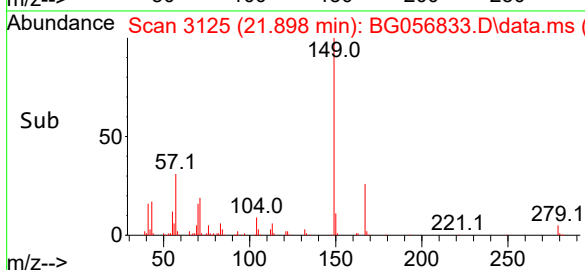
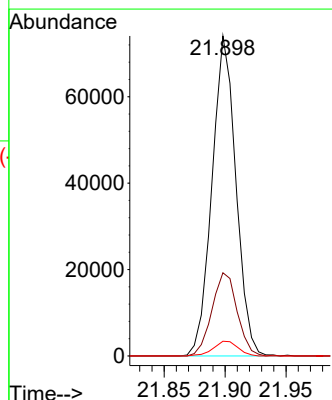
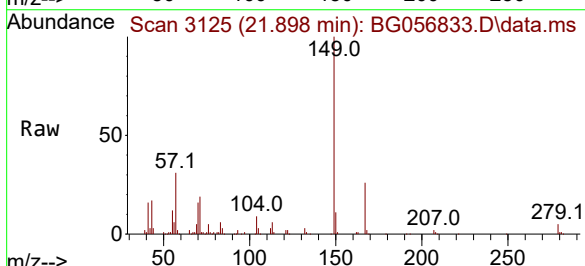
Tgt Ion:149 Resp: 101188

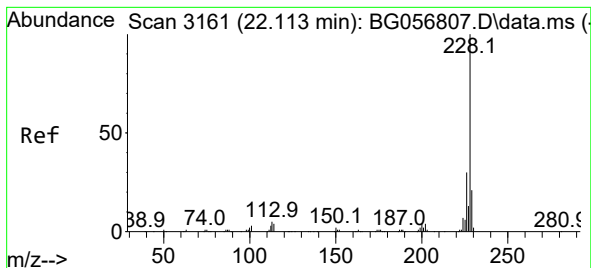
Ion Ratio Lower Upper

149 100

167 26.0 21.8 32.8

279 4.6 4.2 6.2





#87

Chrysene

Concen: 20.277 ng/ul

RT: 22.116 min Scan# 3162

Delta R.T. 0.003 min

Lab File: BG056833.D

Acq: 4 Mar 2023 12:28

Instrument :

BNA_G

ClientSampleId :

SSTD020456

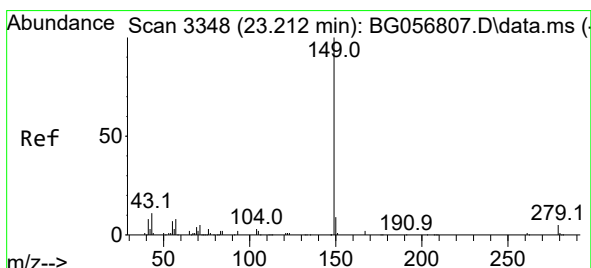
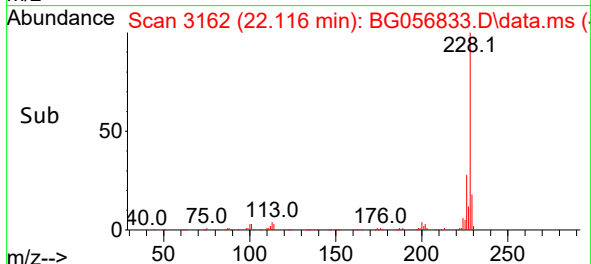
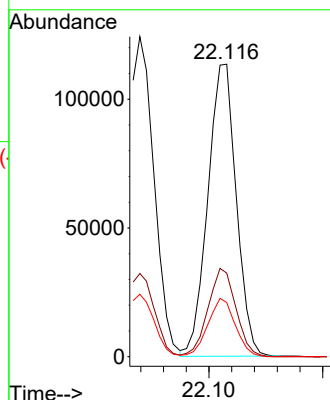
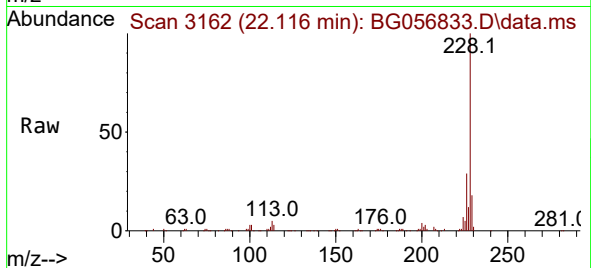
Tgt Ion:228 Resp: 197097

Ion Ratio Lower Upper

228 100

226 28.6 23.6 35.4

229 18.5 15.4 23.0



#89

Di-n-octyl phthalate

Concen: 20.713 ng/ul

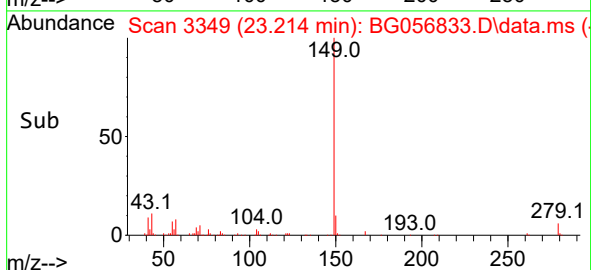
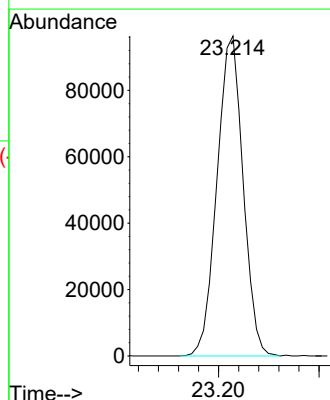
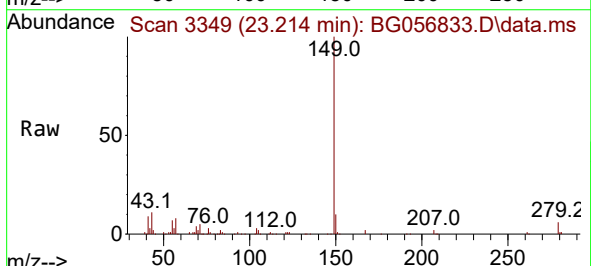
RT: 23.214 min Scan# 3349

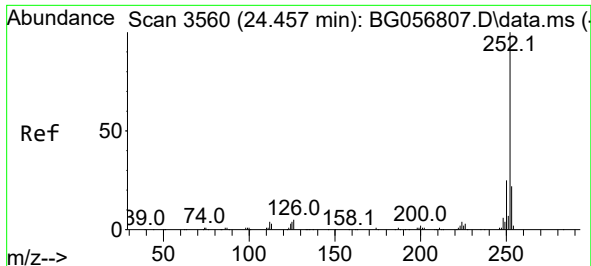
Delta R.T. -0.003 min

Lab File: BG056833.D

Acq: 4 Mar 2023 12:28

Tgt Ion:149 Resp: 173654

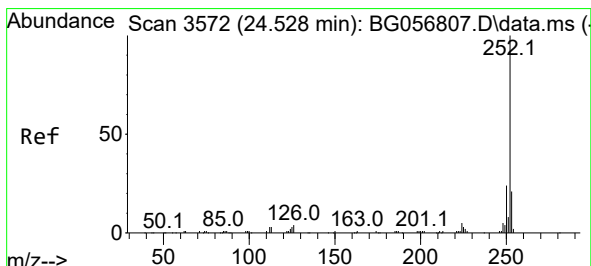
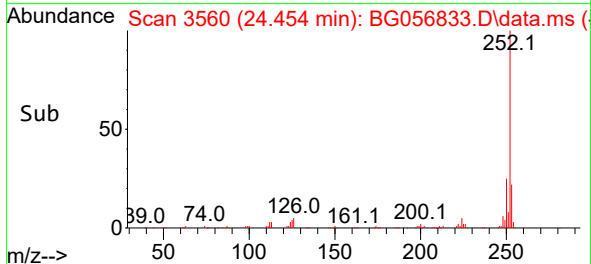
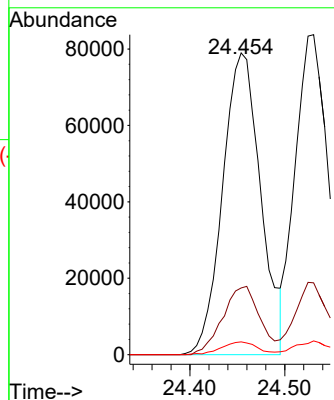
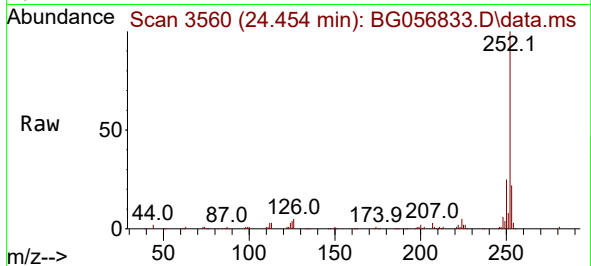




#90
Benzo(b)fluoranthene
Concen: 21.340 ng/ul
RT: 24.454 min Scan# 3560
Delta R.T. -0.003 min
Lab File: BG056833.D
Acq: 4 Mar 2023 12:28

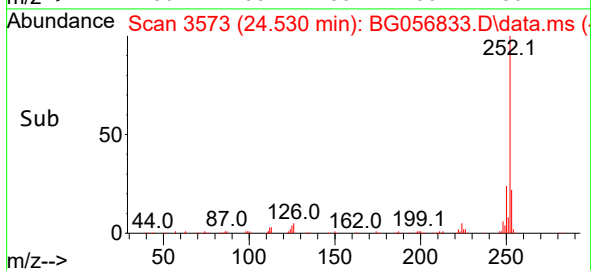
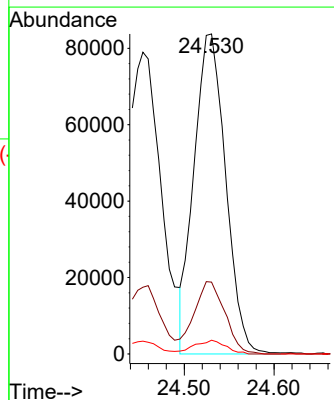
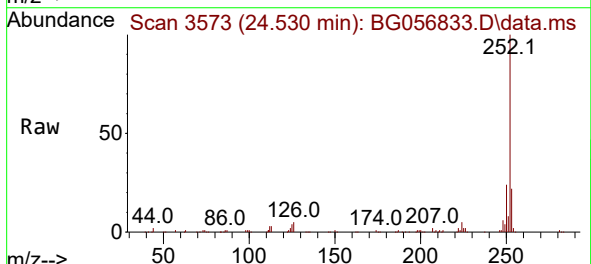
Instrument :
BNA_G
ClientSampleId :
SSTD020456

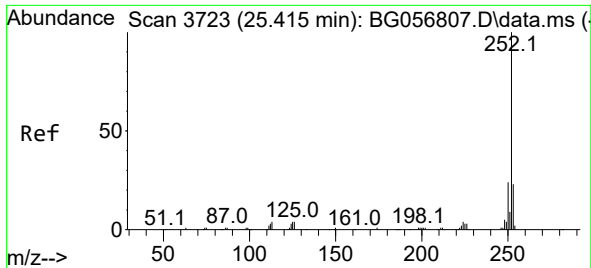
Tgt Ion:252 Resp: 220306
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 4.2 3.0 4.6



#91
Benzo(k)fluoranthene
Concen: 20.379 ng/ul
RT: 24.530 min Scan# 3573
Delta R.T. -0.003 min
Lab File: BG056833.D
Acq: 4 Mar 2023 12:28

Tgt Ion:252 Resp: 204926
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 4.3 3.4 5.2

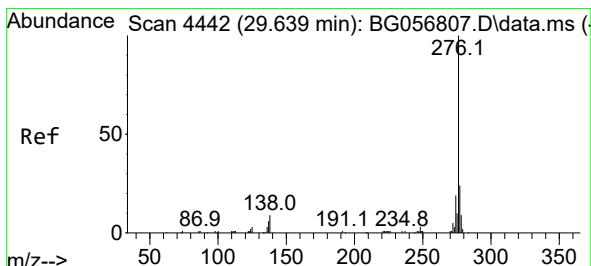
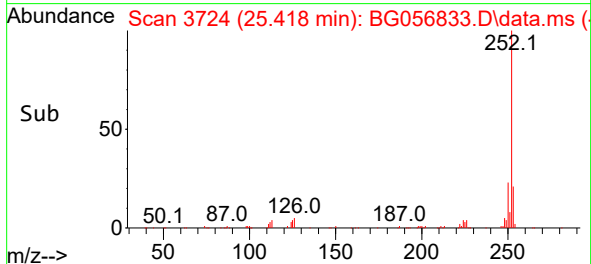
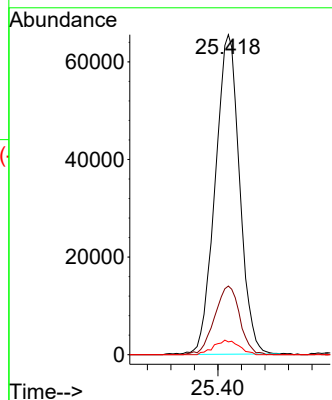
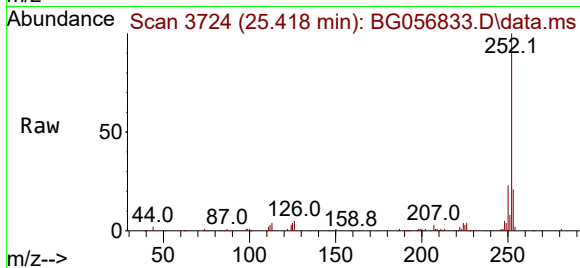




#93
Benzo(a)pyrene
Concen: 20.691 ng/ul
RT: 25.418 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG056833.D
Acq: 4 Mar 2023 12:28

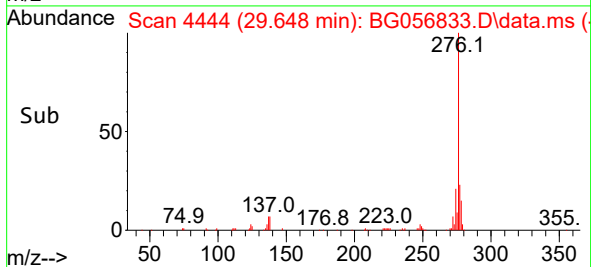
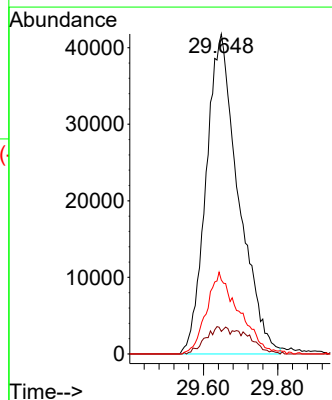
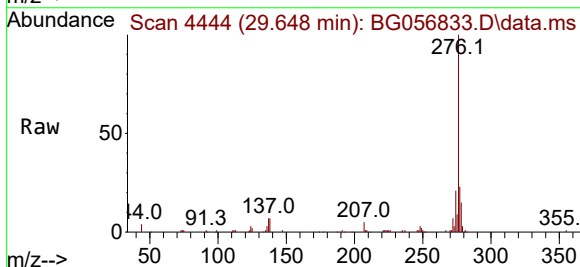
Instrument :
BNA_G
ClientSampleId :
SSTD020456

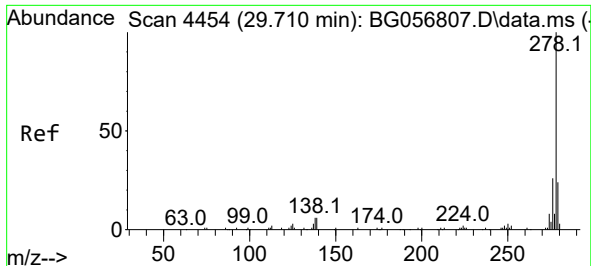
Tgt Ion:252 Resp: 187768
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.0
125 4.0 3.6 5.4



#94
Indeno(1,2,3-cd)pyrene
Concen: 20.583 ng/ul
RT: 29.648 min Scan# 4444
Delta R.T. 0.009 min
Lab File: BG056833.D
Acq: 4 Mar 2023 12:28

Tgt Ion:276 Resp: 253741
Ion Ratio Lower Upper
276 100
138 7.0 5.7 8.5
277 23.1 18.1 27.1

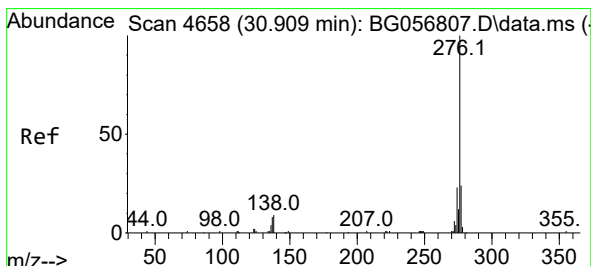
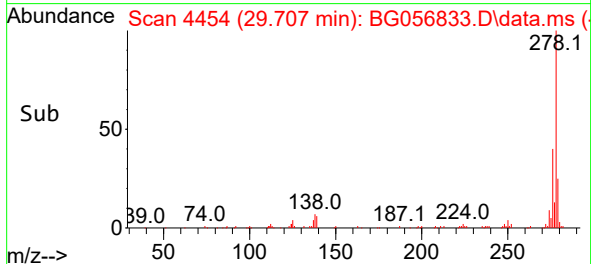
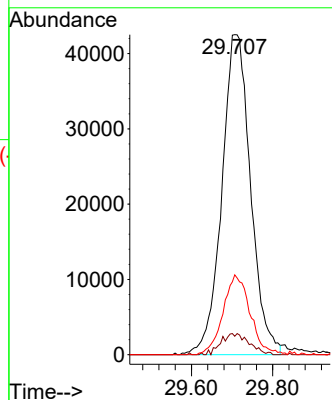
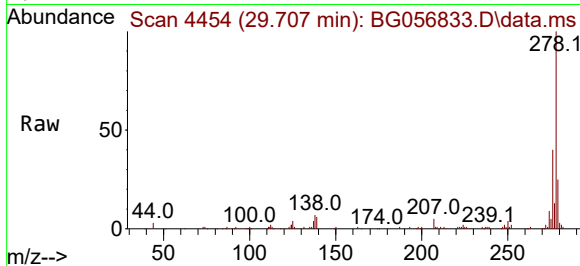




#95
 Dibenzo(a,h)anthracene
 Concen: 20.248 ng/ul
 RT: 29.707 min Scan# 4454
 Delta R.T. -0.009 min
 Lab File: BG056833.D
 Acq: 4 Mar 2023 12:28

Instrument :
 BNA_G
 ClientSampleId :
 SST020456

Tgt Ion:278 Resp: 208697
 Ion Ratio Lower Upper
 278 100
 139 5.8 4.3 6.5
 279 24.9 21.7 32.5



#96
 Benzo(g,h,i)perylene
 Concen: 10.470 ng/ul
 RT: 30.911 min Scan# 4659
 Delta R.T. -0.015 min
 Lab File: BG056833.D
 Acq: 4 Mar 2023 12:28

Tgt Ion:276 Resp: 103098
 Ion Ratio Lower Upper
 276 100
 138 10.0 6.5 9.7#
 277 21.7 20.7 31.1

