

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
 Data File : BG057244.D
 Acq On : 29 Apr 2023 10:40
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020467

Quant Time: May 01 00:30:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 28 23:37:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.378	152	16199	20.000	ng/u1	0.00
20) Naphthalene-d8	11.215	136	69243	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.993	164	56379	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.730	188	139137	20.000	ng/u1	0.00
79) Chrysene-d12	22.036	240	123449	20.000	ng/u1	# 0.00
88) Perylene-d12	25.549	264	128021	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.661	96	2958	8.036	ng/uL	0.00
4) Pyridine-d5	4.096	84	23457	20.212	ng/u1	0.00
7) Phenol-d5	7.515	99	32162	20.994	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.685	67	18105	20.093	ng/u1	0.00
11) 2-Chlorophenol-d4	7.908	132	21935	21.728	ng/u1	0.00
15) 4-Methylphenol-d8	9.077	113	24613	21.139	ng/u1	0.00
21) Nitrobenzene-d5	9.559	128	11778	21.359	ng/u1	0.00
24) 2-Nitrophenol-d4	10.281	143	14392	22.364	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.828	165	28734	23.143	ng/u1	0.00
31) 4-Chloroaniline-d4	11.345	131	36079	21.925	ng/u1	0.00
46) Dimethylphthalate-d6	14.376	166	92414	20.687	ng/u1	0.00
49) Acenaphthylene-d8	14.687	160	107757	21.462	ng/u1	0.00
54) 4-Nitrophenol-d4	15.175	143	12863	19.781	ng/u1	0.00
60) Fluorene-d10	15.974	176	90223	21.680	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.085	200	17527	21.261	ng/u1	0.00
73) Anthracene-d10	17.824	188	137220	21.606	ng/u1	0.00
81) Pyrene-d10	20.092	212	157850	21.542	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.308	264	141518	21.697	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.690	88	3189	8.169	ng/uL	89
5) Pyridine	4.119	79	23876	19.517	ng/u1	93
6) Benzaldehyde	7.503	77	9234	19.735	ng/u1	90
8) Phenol	7.538	94	32876	21.292	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.779	93	24326	21.050	ng/u1	95
12) 2-Chlorophenol	7.938	128	23235	21.912	ng/u1	97
13) 2-Methylphenol	8.813	108	24809	20.732	ng/u1	85
14) 2,2'-oxybis(1-Chloropr...	8.889	45	29326	19.683	ng/u1#	95
16) Acetophenone	9.206	105	41584	20.755	ng/u1	92
17) N-Nitroso-di-n-propyla...	9.177	70	23274	20.215	ng/u1	91
18) 4-Methylphenol	9.142	108	27232	21.024	ng/u1	97
19) Hexachloroethane	9.477	117	10151	22.880	ng/u1	99
22) Nitrobenzene	9.600	77	36430	22.186	ng/u1	96
23) Isophorone	10.117	82	64722	20.717	ng/u1	98
25) 2-Nitrophenol	10.317	139	14813	22.726	ng/u1	91
26) 2,4-Dimethylphenol	10.358	107	32650	22.081	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.593	93	33436	20.589	ng/u1	98
29) 2,4-Dichlorophenol	10.857	162	27205	23.085	ng/u1	96
30) Naphthalene	11.268	128	82088	21.592	ng/u1	98
32) 4-Chloroaniline	11.368	127	37482	21.861	ng/u1	99
33) Hexachlorobutadiene	11.539	225	23036	23.046	ng/u1	98
34) Caprolactam	12.120	113	8361	21.075	ng/u1	99
35) 4-Chloro-3-methylphenol	12.461	107	29437	21.709	ng/u1	97
36) 2-Methylnaphthalene	12.843	142	61898	22.201	ng/u1	96

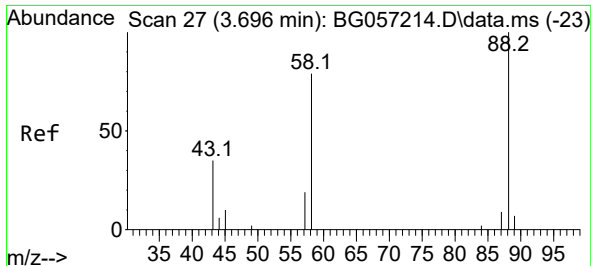
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.060	142	60868	21.712	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	13.201	216	46239	22.569	ng/ul	98
40) Hexachlorocyclopentadiene	13.177	237	16263	15.906	ng/ul	99
41) 2,4,6-Trichlorophenol	13.436	196	27560	23.097	ng/ul	98
42) 2,4,5-Trichlorophenol	13.512	196	29483	23.013	ng/ul	96
43) 1,1'-Biphenyl	13.824	154	88808	20.644	ng/ul	98
44) 2-Chloronaphthalene	13.877	162	72135	21.626	ng/ul	97
45) 2-Nitroaniline	14.076	65	22775	22.617	ng/ul	95
47) Dimethylphthalate	14.423	163	92576	20.636	ng/ul	99
48) 2,6-Dinitrotoluene	14.552	165	19998	21.661	ng/ul	98
50) Acenaphthylene	14.717	152	107080	20.987	ng/ul	97
51) 3-Nitroaniline	14.887	138	14080	21.524	ng/ul#	90
52) Acenaphthene	15.051	153	75232	20.695	ng/ul	98
53) 2,4-Dinitrophenol	15.098	184	9512	19.347	ng/ul	87
55) 4-Nitrophenol	15.187	109	15478	20.997	ng/ul	90
56) Dibenzofuran	15.386	168	112079	21.350	ng/ul	99
57) 2,4-Dinitrotoluene	15.339	165	28906	21.871	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.609	232	26391	22.671	ng/ul	96
59) Diethylphthalate	15.768	149	94660	20.769	ng/ul	99
61) Fluorene	16.027	166	93049	20.961	ng/ul	100
62) 4-Chlorophenyl-phenyle...	16.009	204	56101	21.653	ng/ul	98
63) 4-Nitroaniline	16.044	138	10415	16.812	ng/ul	93
66) 4,6-Dinitro-2-methylph...	16.103	198	18100	21.547	ng/ul	97
67) N-Nitrosodiphenylamine	16.220	169	78339	21.554	ng/ul	98
68) 4-Bromophenyl-phenylether	16.902	248	37028	22.266	ng/ul	95
69) Hexachlorobenzene	17.031	284	39388	22.492	ng/ul	95
70) Atrazine	17.154	200	35335	21.875	ng/ul	98
71) Pentachlorophenol	17.378	266	16436	20.305	ng/ul	94
72) Phenanthrene	17.771	178	151588	20.921	ng/ul	100
74) Anthracene	17.859	178	155042	21.302	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.800	216	47143	22.527	ng/ul	97
76) Pentachlorobenzene	15.304	250	48526	22.780	ng/ul	97
77) Carbazole	18.124	167	129358	21.268	ng/ul	99
78) Di-n-butylphthalate	18.647	149	151078	21.722	ng/ul	100
80) Fluoranthene	19.757	202	185779	21.343	ng/ul	98
82) Pyrene	20.121	202	186862	21.206	ng/ul	97
83) Butylbenzylphthalate	20.973	149	62305	22.079	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.913	252	65932	24.048	ng/ul	99
85) Benzo(a)anthracene	22.018	228	188544	21.595	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.866	149	88839	21.646	ng/ul	96
87) Chrysene	22.089	228	171924	20.871	ng/ul	98
89) Di-n-octyl phthalate	23.164	149	149553	21.154	ng/ul	100
90) Benzo(b)fluoranthene	24.421	252	190879	21.531	ng/ul#	99
91) Benzo(k)fluoranthene	24.497	252	184182	21.355	ng/ul#	98
93) Benzo(a)pyrene	25.379	252	161335	21.079	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	29.591	276	208219	21.764	ng/ul#	97
95) Dibenzo(a,h)anthracene	29.655	278	174565	22.004	ng/ul	99
96) Benzo(g,h,i)perylene	30.865	276	91425	11.807	ng/ul	97

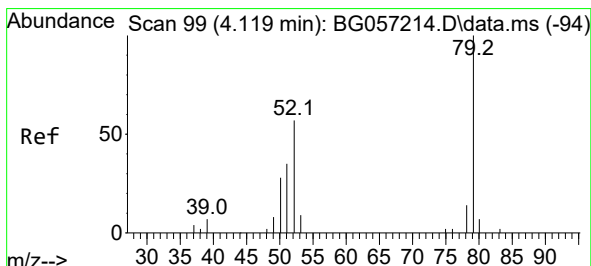
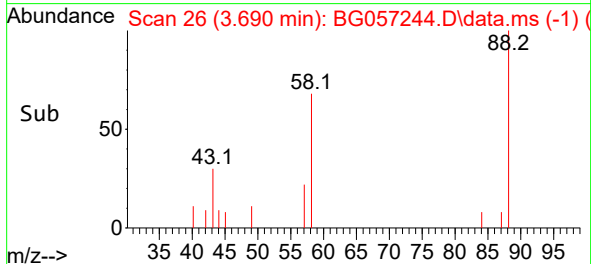
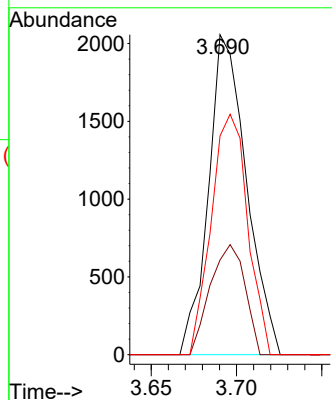
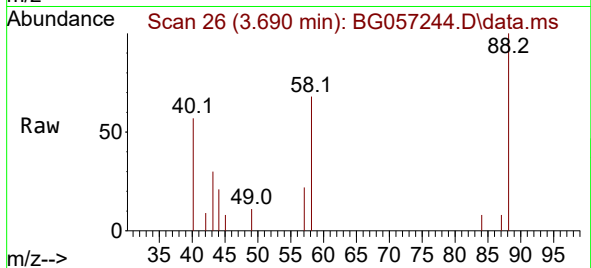
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#2
1,4-Dioxane
Concen: 8.169 ng/uL
RT: 3.690 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG057244.D
Acq: 29 Apr 2023 10:40

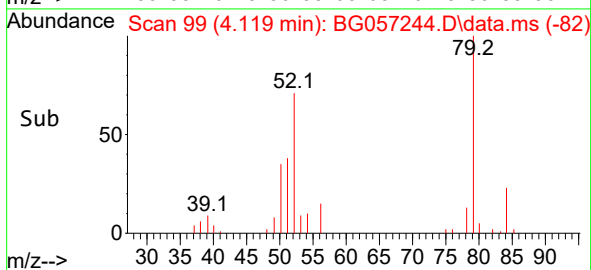
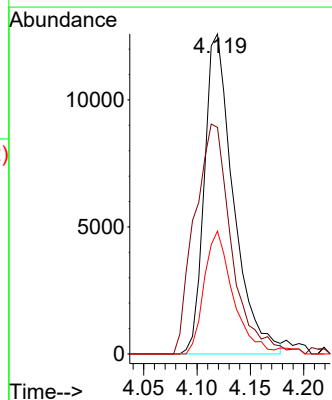
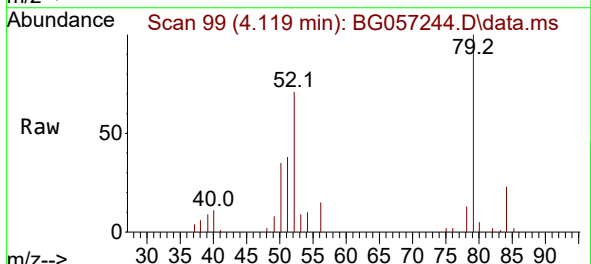
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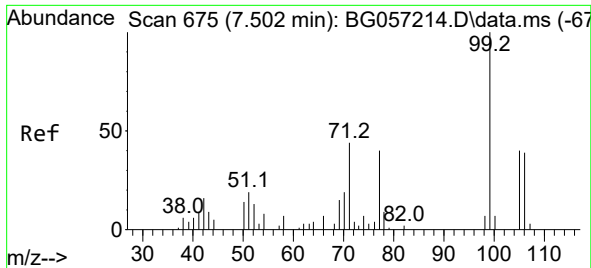
Tgt Ion: 88 Resp: 3189
Ion Ratio Lower Upper
88 100
43 29.6 28.2 42.4
58 68.4 63.3 94.9



#5
Pyridine
Concen: 19.517 ng/uL
RT: 4.119 min Scan# 99
Delta R.T. 0.000 min
Lab File: BG057244.D
Acq: 29 Apr 2023 10:40

Tgt Ion: 79 Resp: 23876
Ion Ratio Lower Upper
79 100
52 70.8 62.4 93.6
51 38.4 29.0 43.4

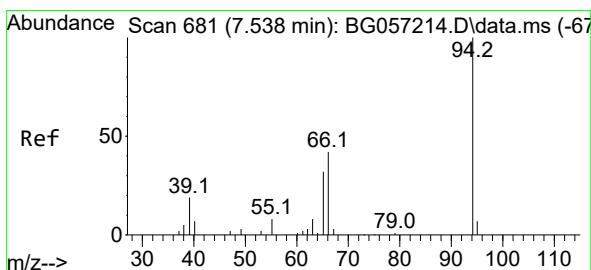
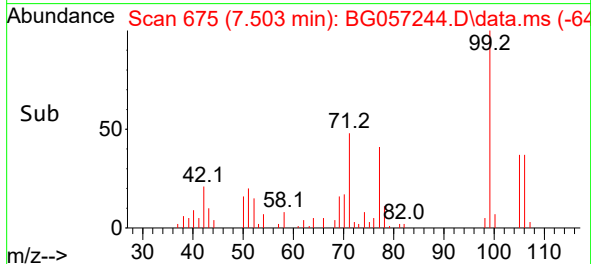
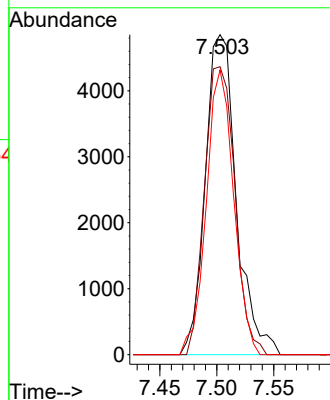
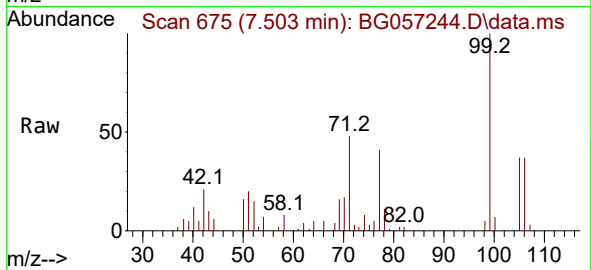




#6
Benzaldehyde
Concen: 19.735 ng/ul
RT: 7.503 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG057244.D
Acq: 29 Apr 2023 10:40

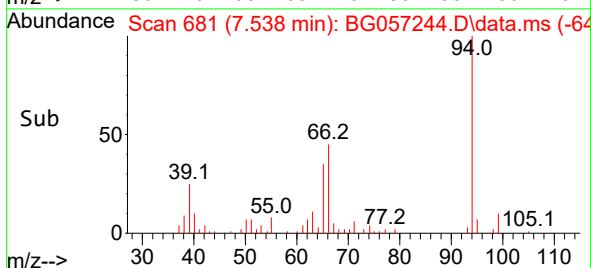
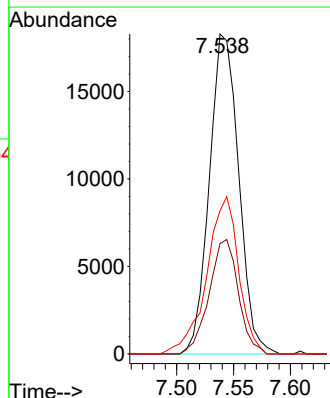
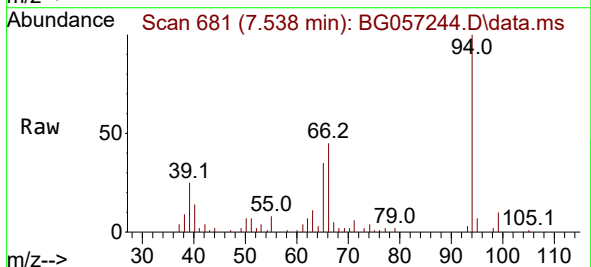
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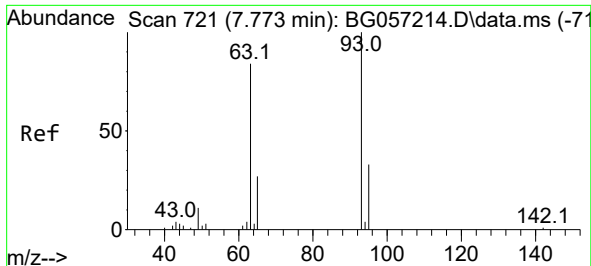
Tgt Ion: 77 Resp: 9234
Ion Ratio Lower Upper
77 100
105 90.0 79.8 119.6
106 89.0 78.7 118.1



#8
Phenol
Concen: 21.292 ng/ul
RT: 7.538 min Scan# 681
Delta R.T. 0.000 min
Lab File: BG057244.D
Acq: 29 Apr 2023 10:40

Tgt Ion: 94 Resp: 32876
Ion Ratio Lower Upper
94 100
65 34.5 25.5 38.3
66 44.8 36.9 55.3

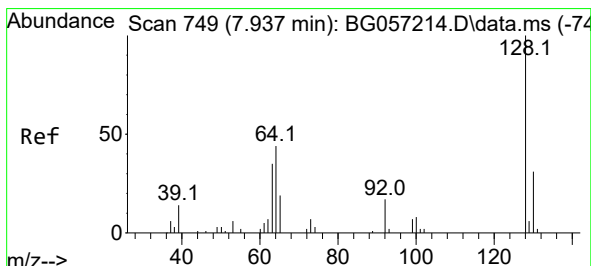
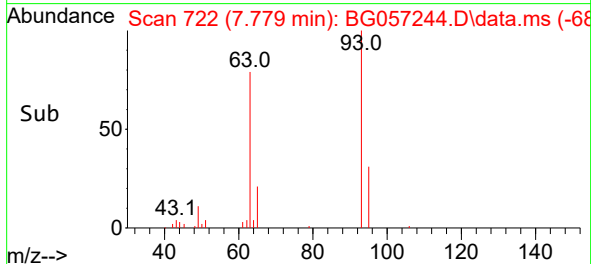
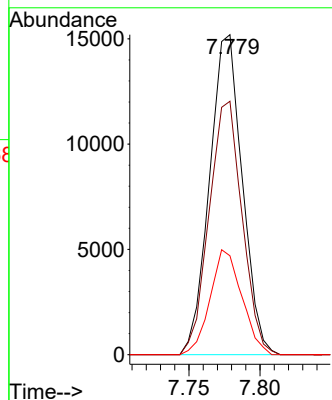
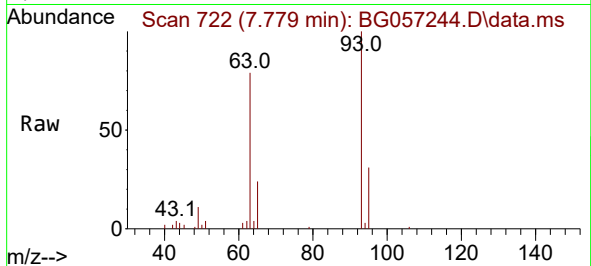




#10
Bis(2-Chloroethyl)ether
Concen: 21.050 ng/ul
RT: 7.779 min Scan# 721
Delta R.T. 0.006 min
Lab File: BG057244.D
Acq: 29 Apr 2023 10:40

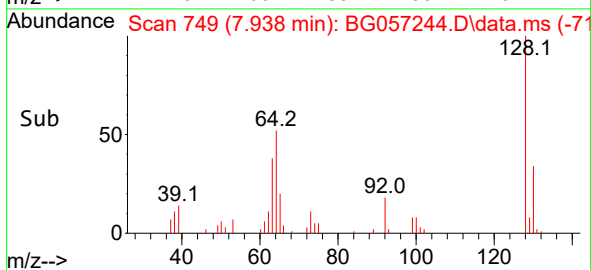
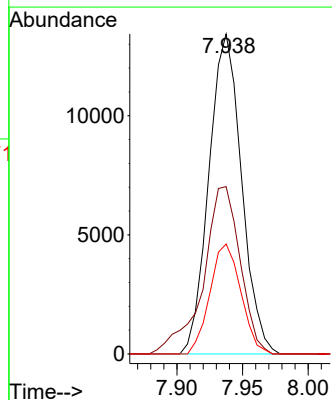
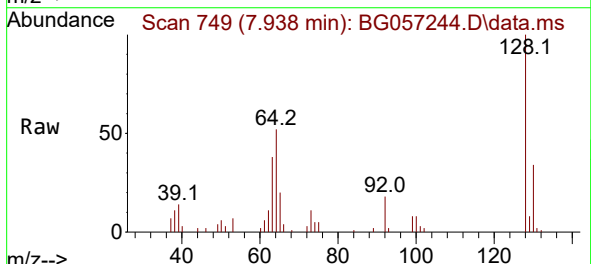
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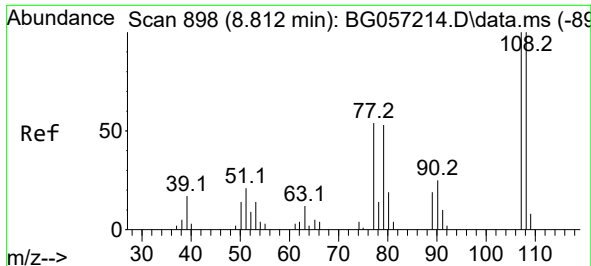
Tgt Ion: 93 Resp: 24326
Ion Ratio Lower Upper
93 100
63 79.2 67.2 100.8
95 30.9 26.3 39.5



#12
2-Chlorophenol
Concen: 21.912 ng/ul
RT: 7.938 min Scan# 749
Delta R.T. 0.000 min
Lab File: BG057244.D
Acq: 29 Apr 2023 10:40

Tgt Ion:128 Resp: 23235
Ion Ratio Lower Upper
128 100
64 52.3 41.3 61.9
130 34.3 24.6 37.0





#13

2-Methylphenol

Concen: 20.732 ng/ul

RT: 8.813 min Scan# 898

Delta R.T. 0.000 min

Lab File: BG057244.D

Acq: 29 Apr 2023 10:40

Instrument :

BNA_G

ClientSampleId :

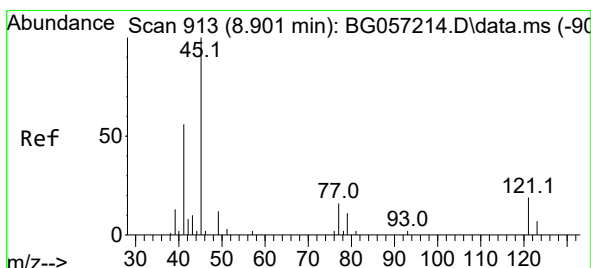
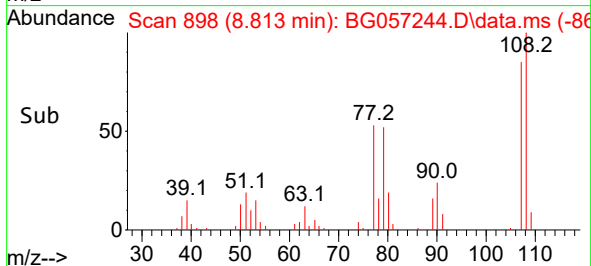
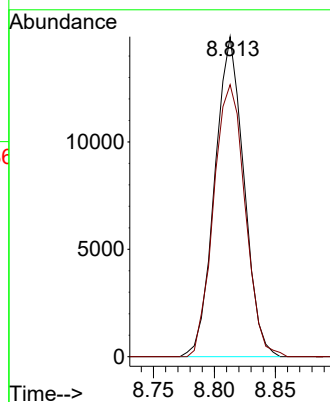
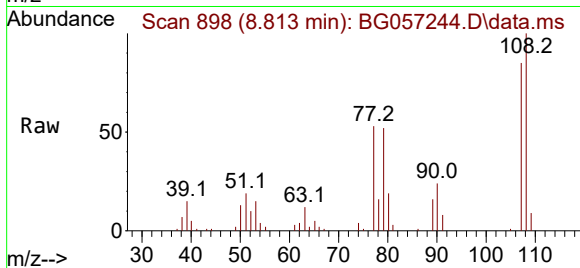
SSTD020467

Tgt Ion:108 Resp: 24809

Ion Ratio Lower Upper

108 100

107 85.0 80.0 120.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 19.683 ng/ul

RT: 8.889 min Scan# 911

Delta R.T. -0.011 min

Lab File: BG057244.D

Acq: 29 Apr 2023 10:40

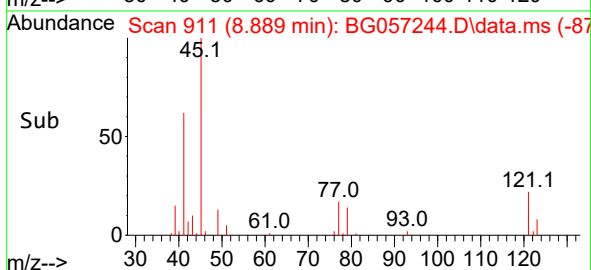
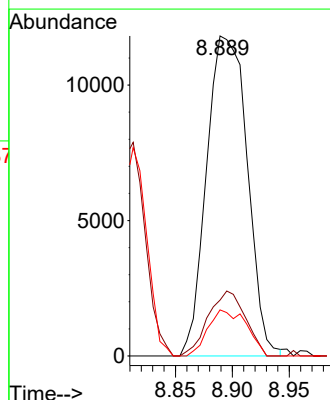
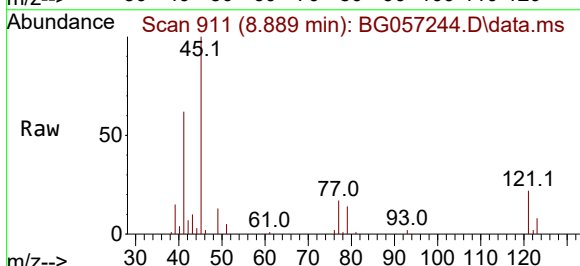
Tgt Ion: 45 Resp: 29326

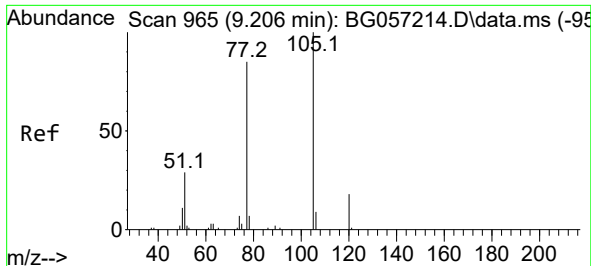
Ion Ratio Lower Upper

45 100

77 17.4 12.9 19.3

79 14.4 8.9 13.3#

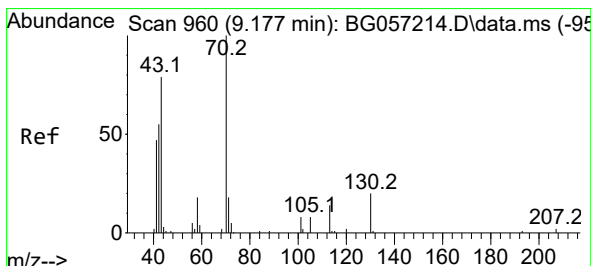
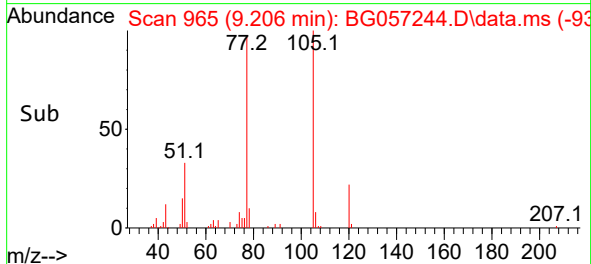
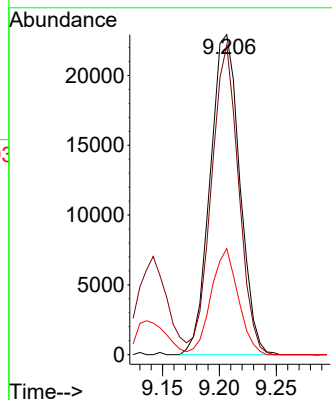
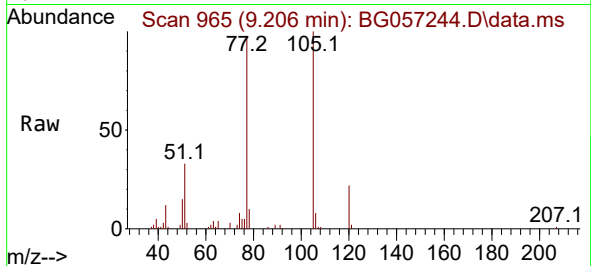




#16
Acetophenone
Concen: 20.755 ng/ul
RT: 9.206 min Scan# 90
Delta R.T. 0.000 min
Lab File: BG057244.D
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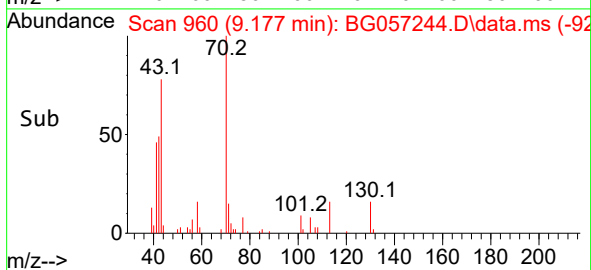
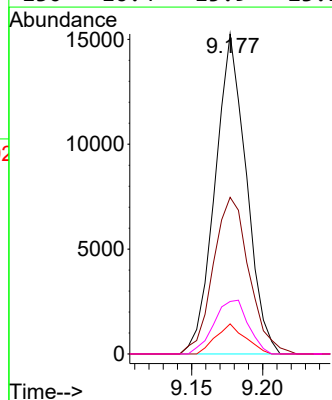
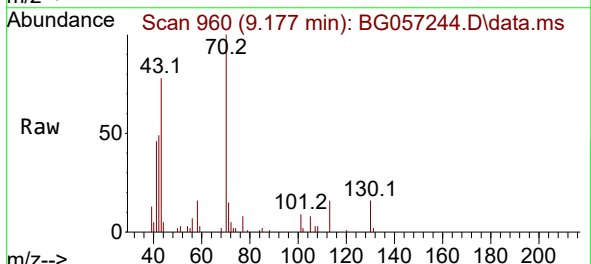
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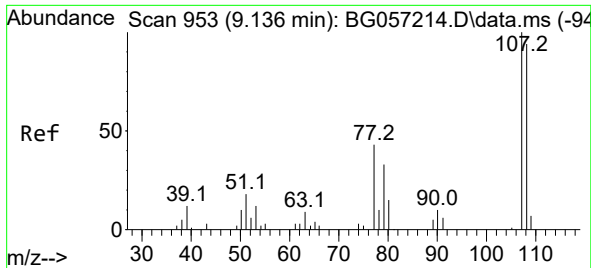
Tgt Ion:105 Resp: 41584
Ion Ratio Lower Upper
105 100
77 96.7 70.6 105.8
51 33.1 24.5 36.7



#17
N-Nitroso-di-n-propylamine
Concen: 20.215 ng/ul
RT: 9.177 min Scan# 960
Delta R.T. 0.000 min
Lab File: BG057244.D
Acq: 29 Apr 2023 10:40

Tgt Ion: 70 Resp: 23274
Ion Ratio Lower Upper
70 100
42 48.9 45.0 67.4
101 9.4 6.5 9.7
130 16.4 15.9 23.9

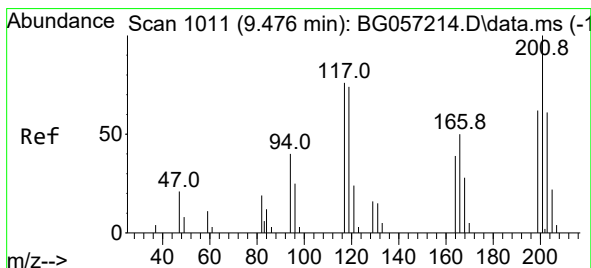
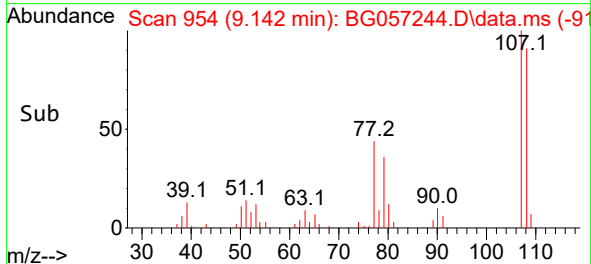
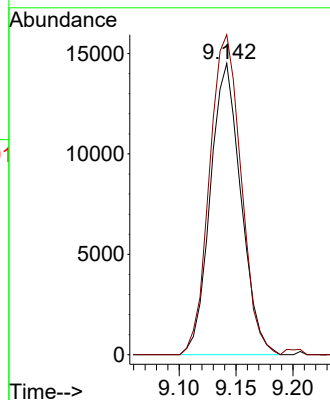
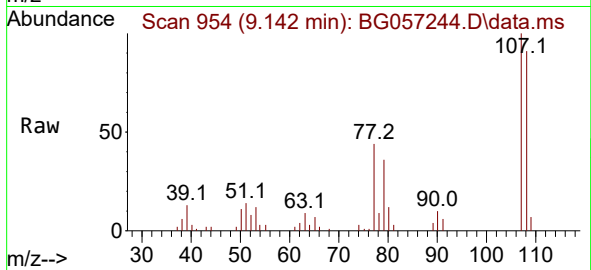




#18
4-Methylphenol
Concen: 21.024 ng/ul
RT: 9.142 min Scan# 911
Delta R.T. 0.006 min
Lab File: BG057244.D
Acq: 29 Apr 2023 10:40

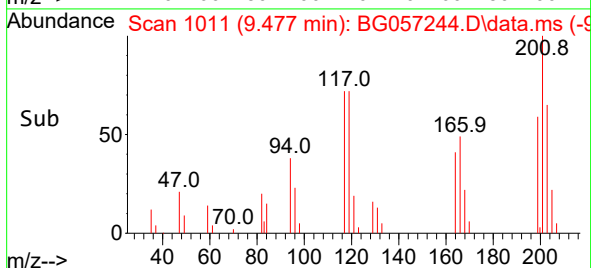
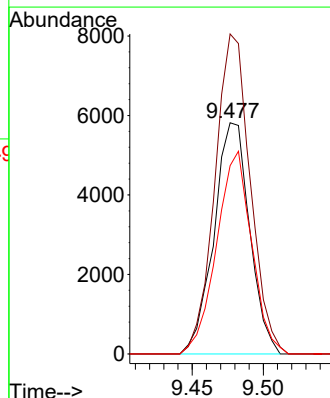
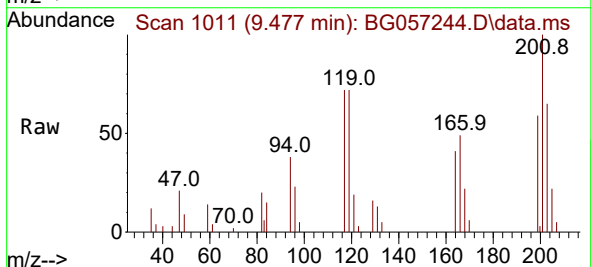
Instrument :
BNA_G
ClientSampleId :
SSTD020467

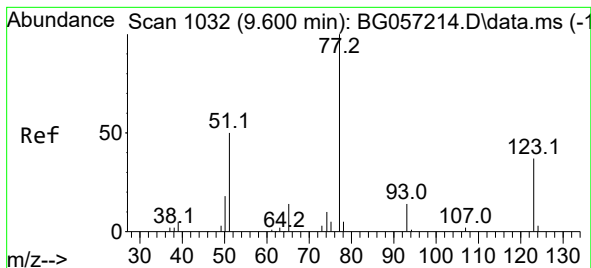
Tgt Ion:108 Resp: 27232
Ion Ratio Lower Upper
108 100
107 109.9 85.1 127.7



#19
Hexachloroethane
Concen: 22.880 ng/ul
RT: 9.477 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BG057244.D
Acq: 29 Apr 2023 10:40

Tgt Ion:117 Resp: 10151
Ion Ratio Lower Upper
117 100
201 138.4 109.4 164.2
199 81.5 65.4 98.2





#22

Nitrobenzene

Concen: 22.186 ng/ul

RT: 9.600 min Scan# 110

Delta R.T. 0.000 min

Lab File: BG057244.D

Acq: 29 Apr 2023 10:40

Instrument :

BNA_G

ClientSampleId :

SSTD020467

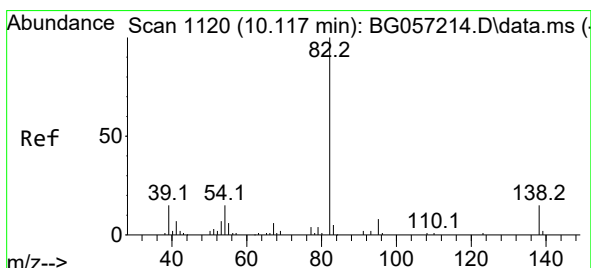
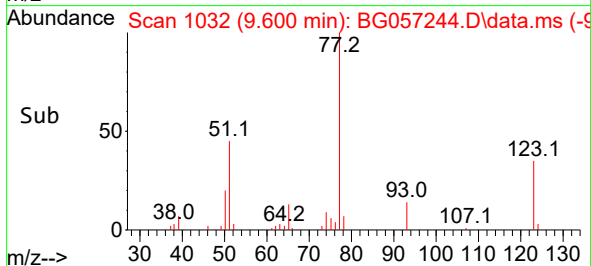
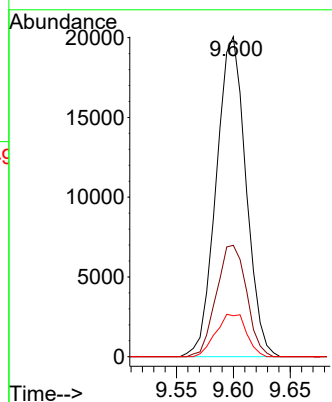
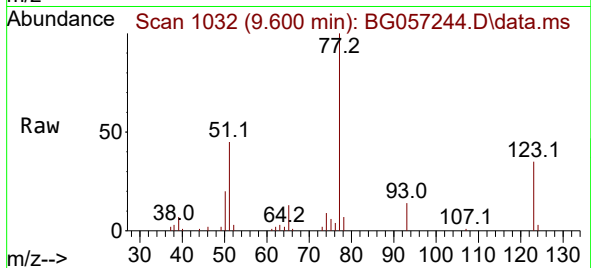
Tgt Ion: 77 Resp: 36430

Ion Ratio Lower Upper

77 100

123 34.8 29.6 44.4

65 12.8 11.4 17.0



#23

Isophorone

Concen: 20.717 ng/ul

RT: 10.117 min Scan# 1120

Delta R.T. 0.000 min

Lab File: BG057244.D

Acq: 29 Apr 2023 10:40

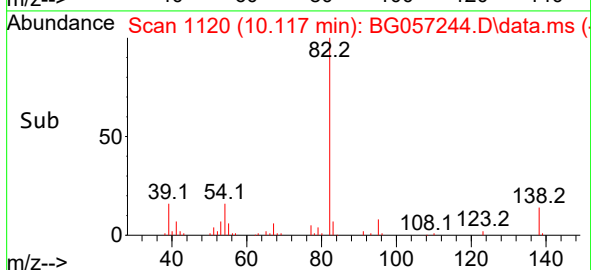
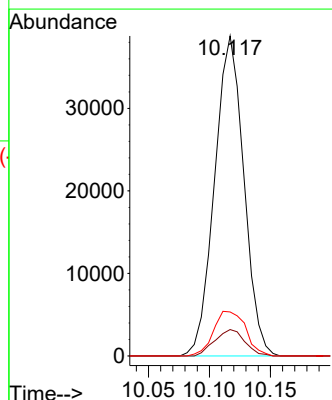
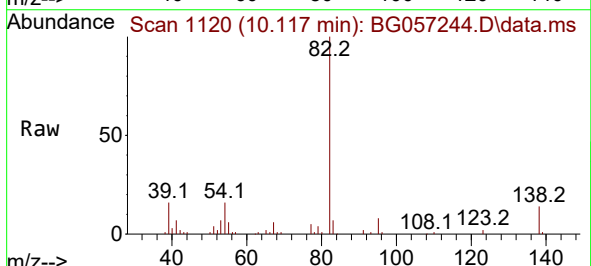
Tgt Ion: 82 Resp: 64722

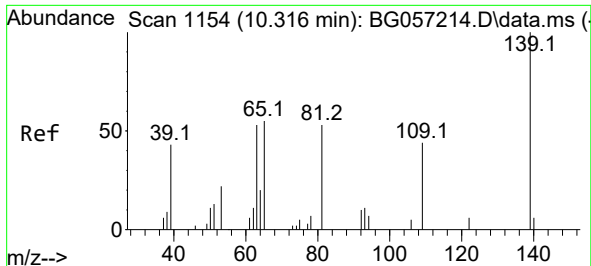
Ion Ratio Lower Upper

82 100

95 8.3 6.8 10.2

138 13.8 12.2 18.2

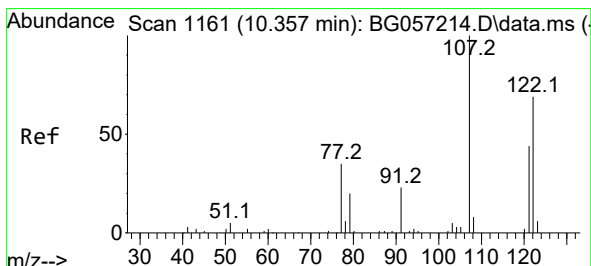
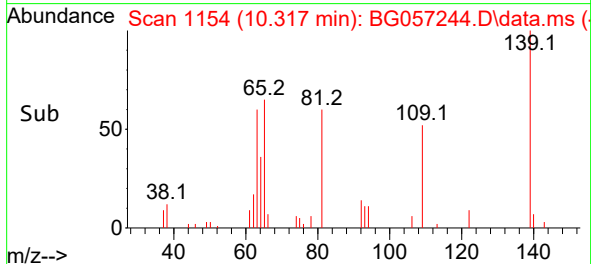
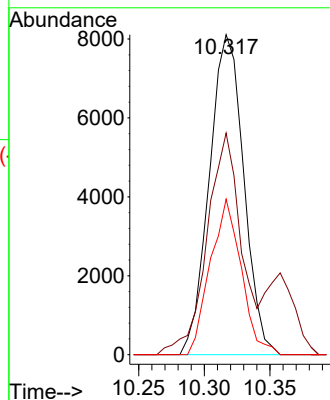
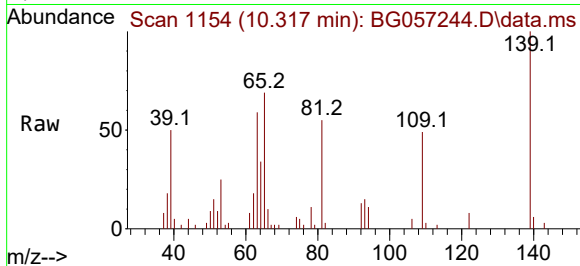




#25
2-Nitrophenol
Concen: 22.726 ng/ul
RT: 10.317 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BG057244.D
Acq: 29 Apr 2023 10:40

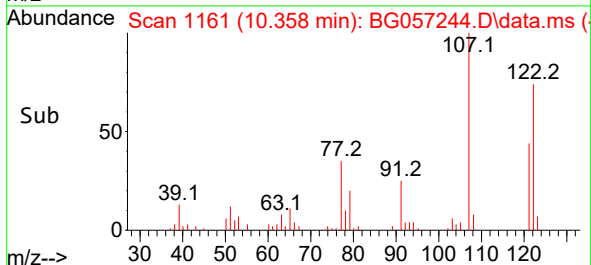
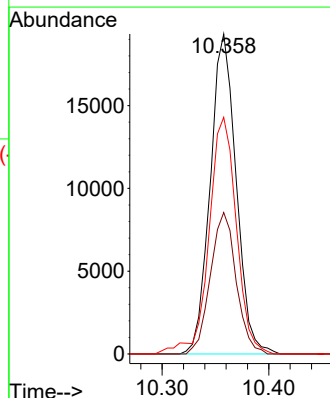
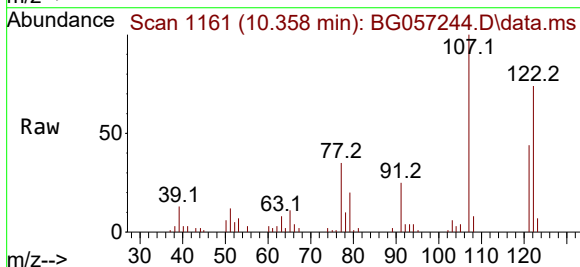
Instrument :
BNA_G
ClientSampleId :
SSTD020467

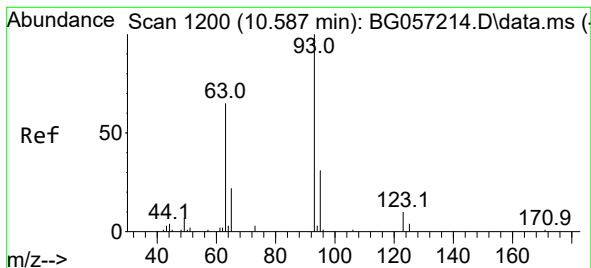
Tgt Ion:139 Resp: 14813
Ion Ratio Lower Upper
139 100
65 69.2 48.7 73.1
109 48.6 35.2 52.8



#26
2,4-Dimethylphenol
Concen: 22.081 ng/ul
RT: 10.358 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BG057244.D
Acq: 29 Apr 2023 10:40

Tgt Ion:107 Resp: 32650
Ion Ratio Lower Upper
107 100
121 44.2 35.4 53.0
122 73.9 57.0 85.4





#27

Bis(2-Chloroethoxy)methane

Concen: 20.589 ng/ul

RT: 10.593 min Scan# 1201

Delta R.T. 0.006 min

Lab File: BG057244.D

Acq: 29 Apr 2023 10:40

Instrument :

BNA_G

ClientSampleId :

SSTD020467

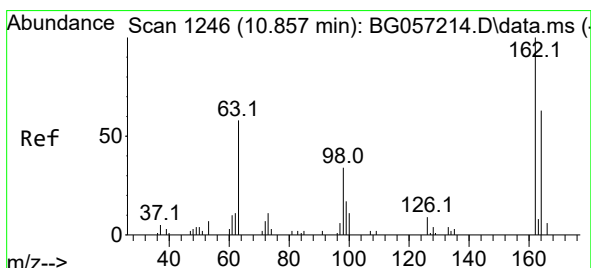
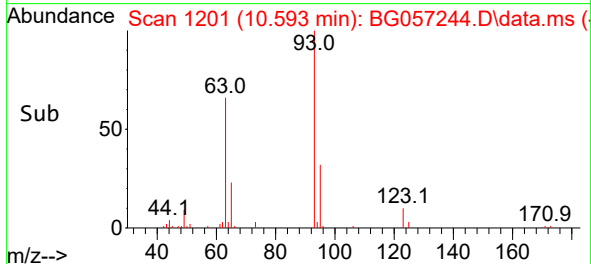
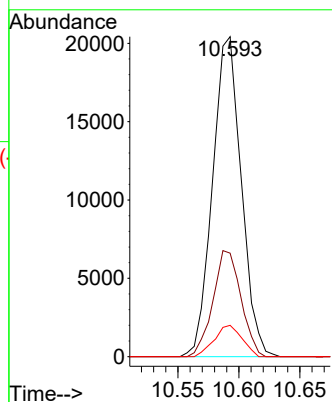
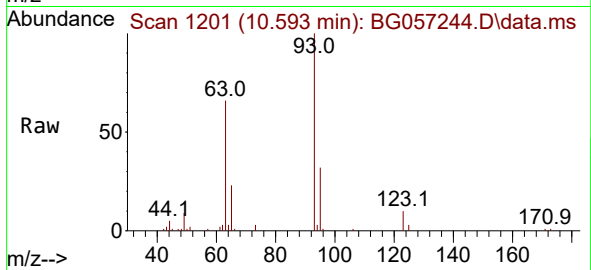
Tgt Ion: 93 Resp: 33436

Ion Ratio Lower Upper

93 100

95 32.3 24.8 37.2

123 9.8 8.1 12.1



#29

2,4-Dichlorophenol

Concen: 23.085 ng/ul

RT: 10.857 min Scan# 1246

Delta R.T. 0.000 min

Lab File: BG057244.D

Acq: 29 Apr 2023 10:40

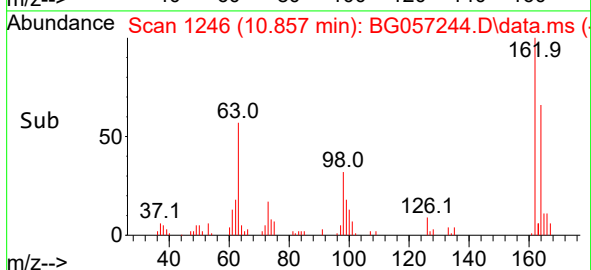
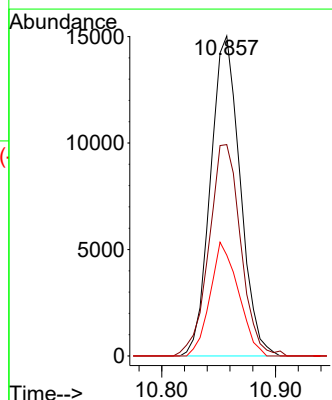
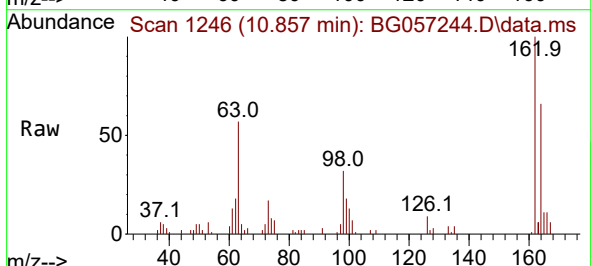
Tgt Ion:162 Resp: 27205

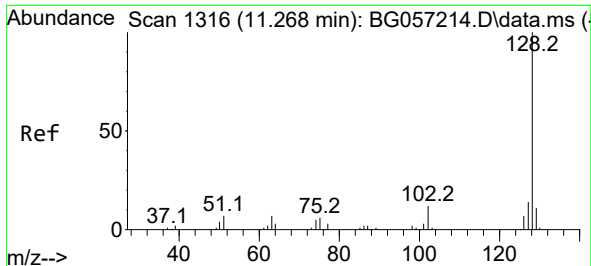
Ion Ratio Lower Upper

162 100

164 66.1 50.5 75.7

98 31.5 27.5 41.3

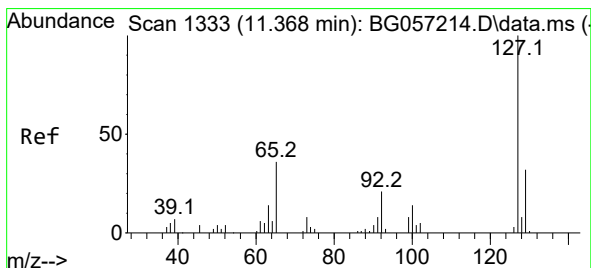
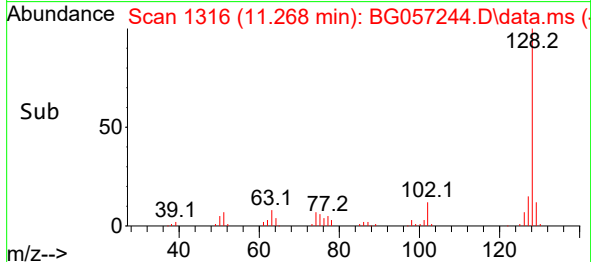
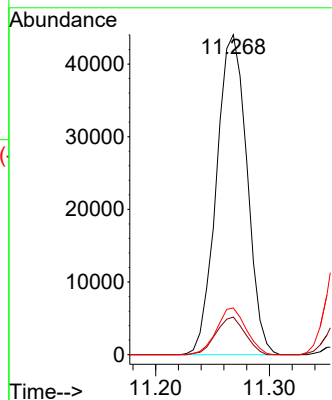
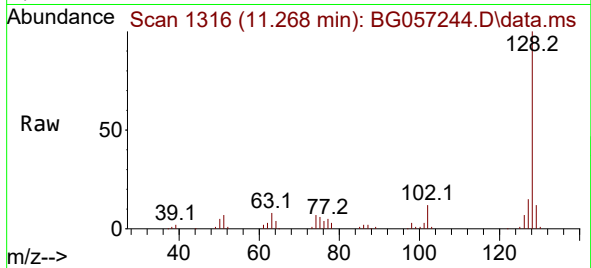




#30
Naphthalene
Concen: 21.592 ng/ul
RT: 11.268 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BG057244.D
Acq: 29 Apr 2023 10:40

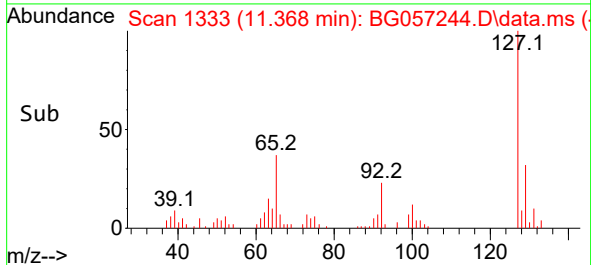
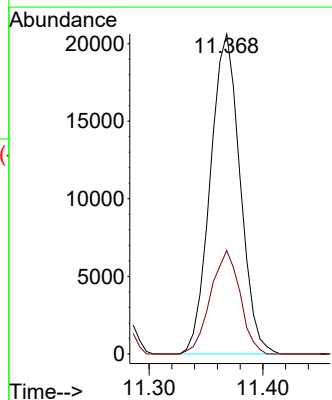
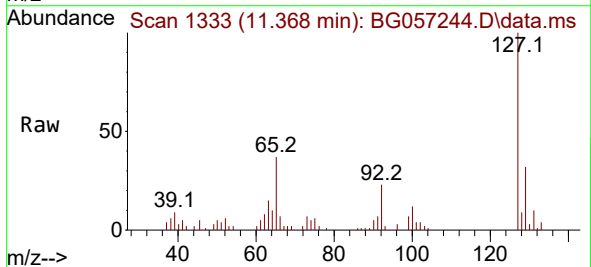
Instrument :
BNA_G
ClientSampleId :
SSTD020467

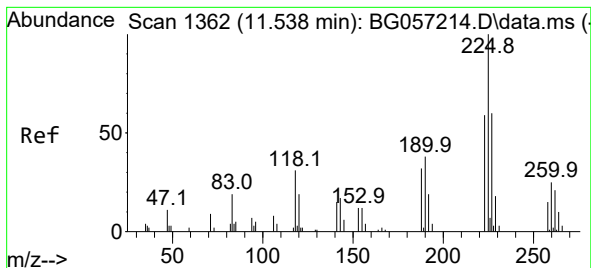
Tgt Ion:128 Resp: 82088
Ion Ratio Lower Upper
128 100
129 11.7 8.5 12.7
127 14.6 11.4 17.0



#32
4-Chloroaniline
Concen: 21.861 ng/ul
RT: 11.368 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BG057244.D
Acq: 29 Apr 2023 10:40

Tgt Ion:127 Resp: 37482
Ion Ratio Lower Upper
127 100
129 32.3 25.4 38.0





#33

Hexachlorobutadiene

Concen: 23.046 ng/ul

RT: 11.539 min Scan# 11

Delta R.T. 0.000 min

Lab File: BG057244.D

Acq: 29 Apr 2023 10:40

Instrument :

BNA_G

ClientSampleId :

SSTD020467

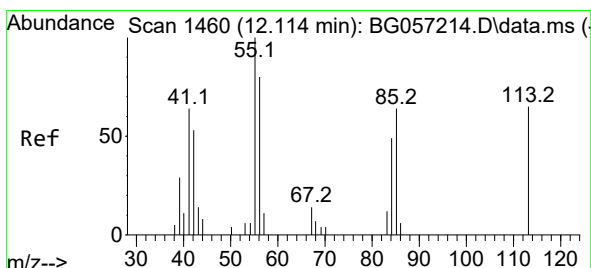
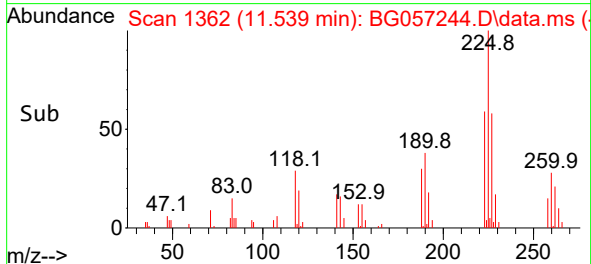
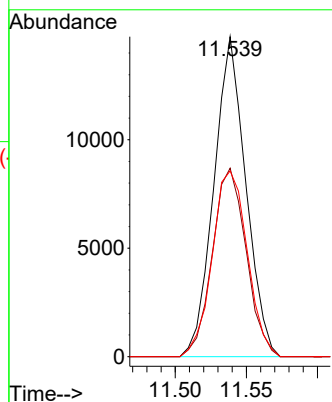
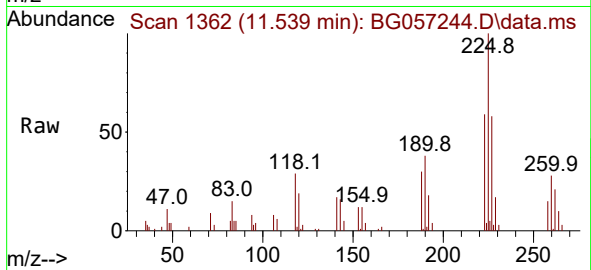
Tgt Ion:225 Resp: 23036

Ion Ratio Lower Upper

225 100

223 58.9 47.5 71.3

227 58.0 48.4 72.6



#34

Caprolactam

Concen: 21.075 ng/ul

RT: 12.120 min Scan# 1461

Delta R.T. 0.006 min

Lab File: BG057244.D

Acq: 29 Apr 2023 10:40

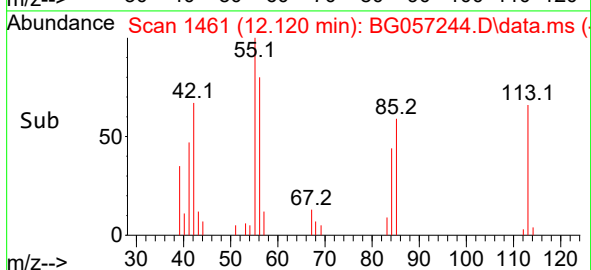
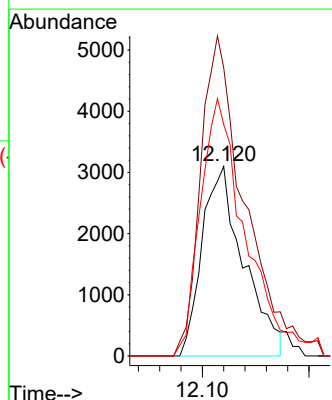
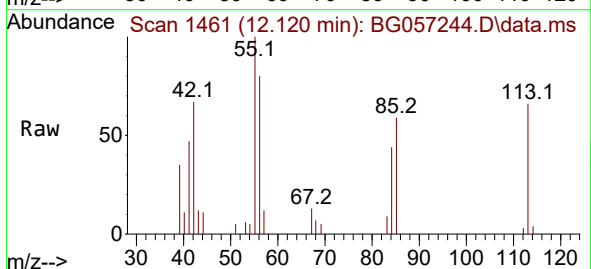
Tgt Ion:113 Resp: 8361

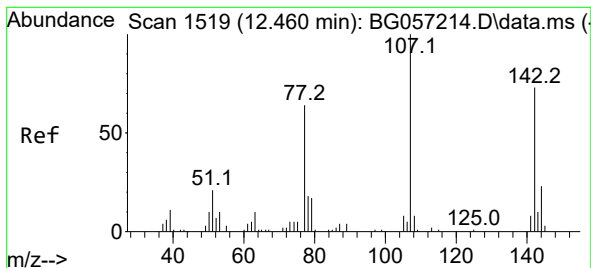
Ion Ratio Lower Upper

113 100

55 151.9 123.1 184.7

56 122.0 98.7 148.1

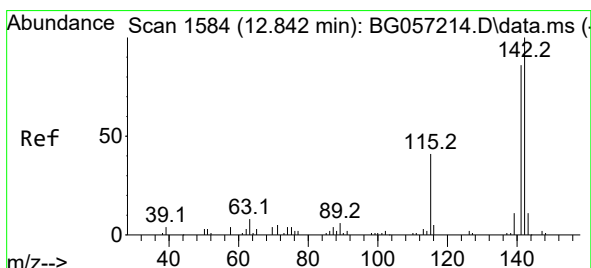
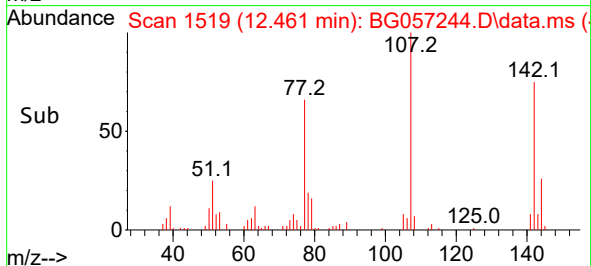
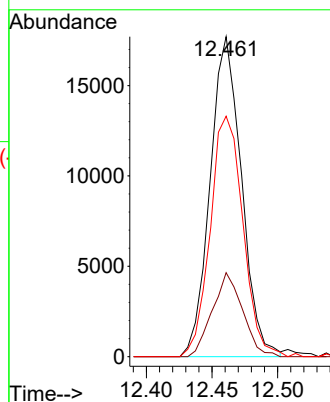
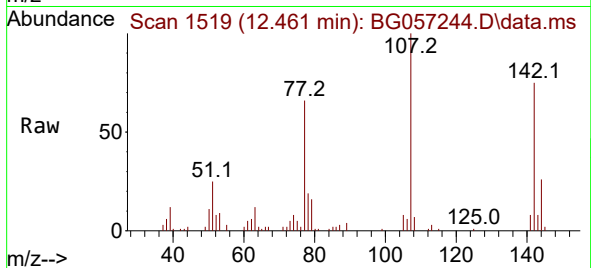




#35
 4-Chloro-3-methylphenol
 Concen: 21.709 ng/ul
 RT: 12.461 min Scan# 1519
 Delta R.T. 0.000 min
 Lab File: BG057244.D
 Acq: 29 Apr 2023 10:40

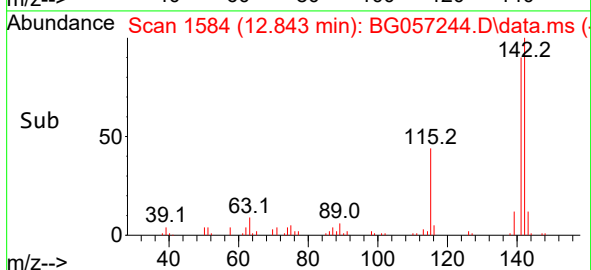
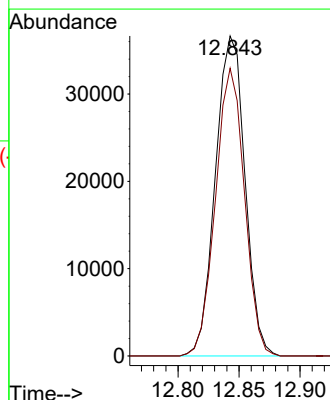
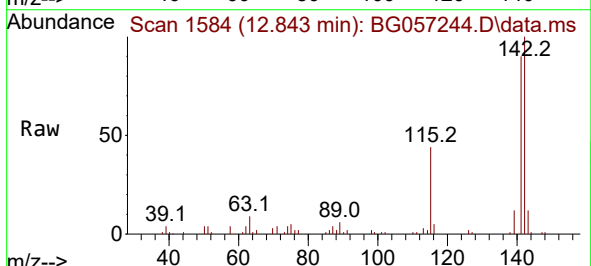
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020467

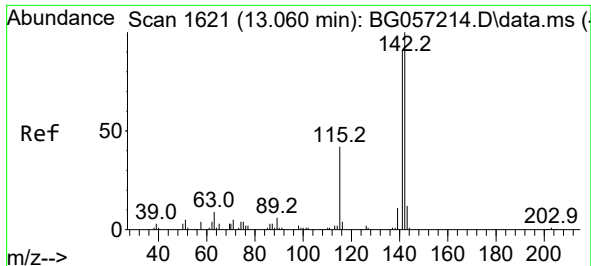
Tgt Ion:107 Resp: 29437
 Ion Ratio Lower Upper
 107 100
 144 26.3 18.3 27.5
 142 75.1 58.6 88.0



#36
 2-Methylnaphthalene
 Concen: 22.201 ng/ul
 RT: 12.843 min Scan# 1584
 Delta R.T. 0.000 min
 Lab File: BG057244.D
 Acq: 29 Apr 2023 10:40

Tgt Ion:142 Resp: 61898
 Ion Ratio Lower Upper
 142 100
 141 89.9 68.7 103.1





#37

1-Methylnaphthalene

Concen: 21.712 ng/ul

RT: 13.060 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG057244.D

Acq: 29 Apr 2023 10:40

Instrument :

BNA_G

ClientSampleId :

SSTD020467

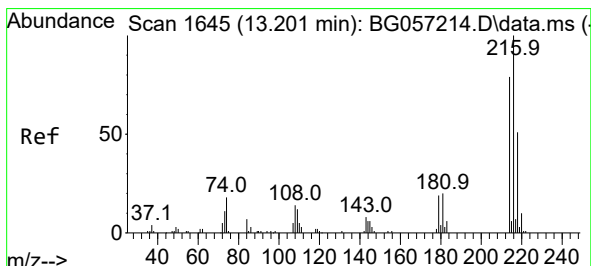
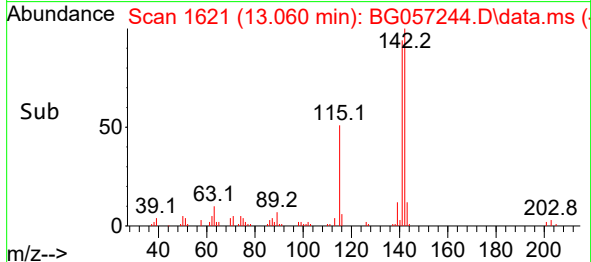
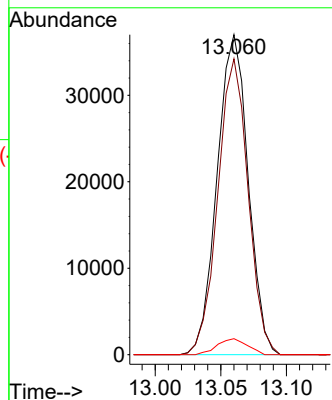
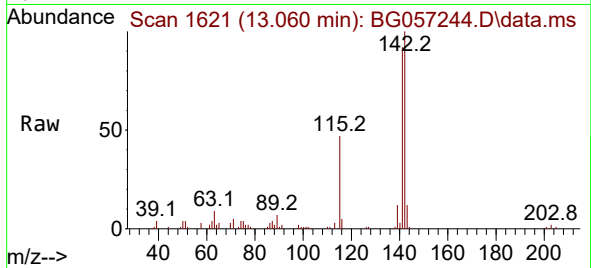
Tgt Ion:142 Resp: 60868

Ion Ratio Lower Upper

142 100

141 92.5 72.9 109.3

116 5.0 3.2 4.8#



#39

1,2,4,5-Tetrachlorobenzene

Concen: 22.569 ng/ul

RT: 13.201 min Scan# 1645

Delta R.T. 0.000 min

Lab File: BG057244.D

Acq: 29 Apr 2023 10:40

Tgt Ion:216 Resp: 46239

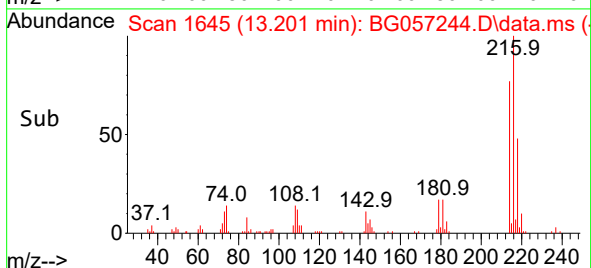
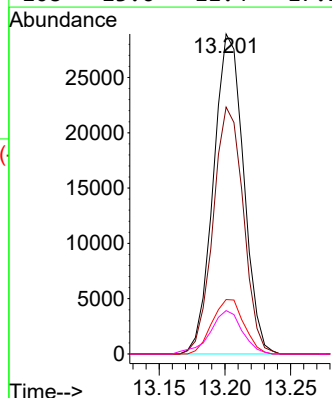
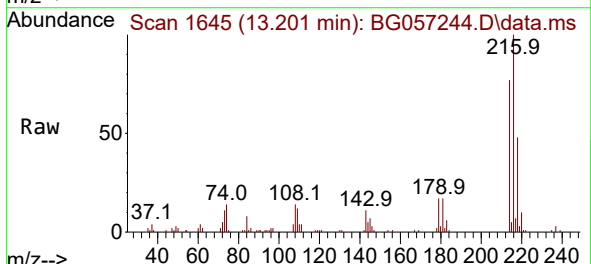
Ion Ratio Lower Upper

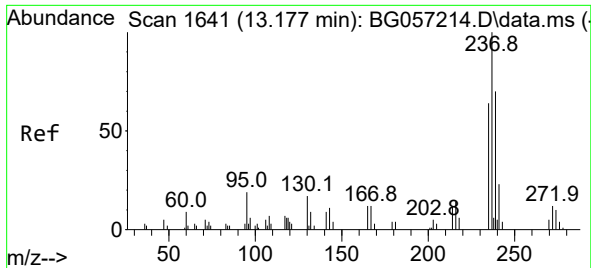
216 100

214 77.2 62.9 94.3

179 17.0 15.3 22.9

108 13.6 11.4 17.2

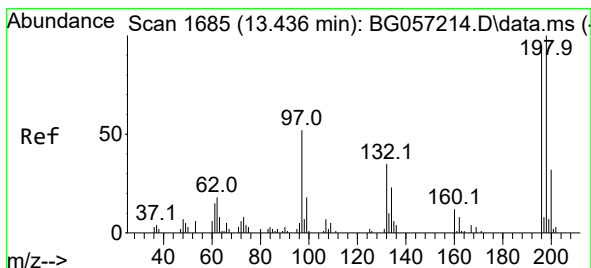
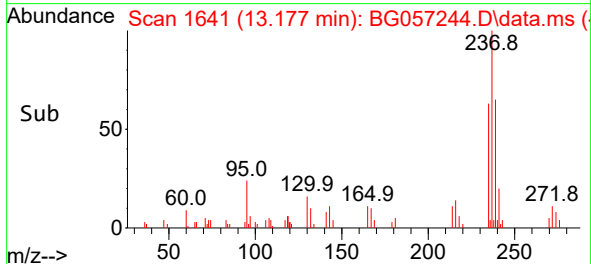
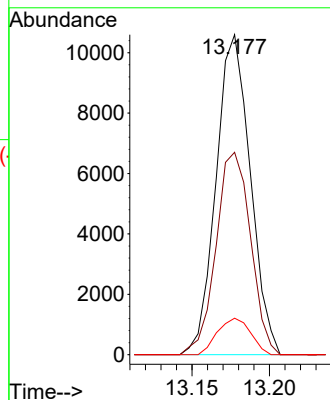
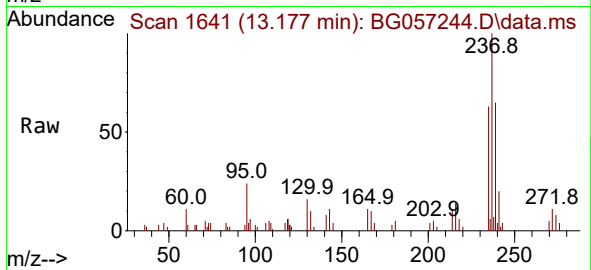




#40
Hexachlorocyclopentadiene
Concen: 15.906 ng/ul
RT: 13.177 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG057244.D
Acq: 29 Apr 2023 10:40

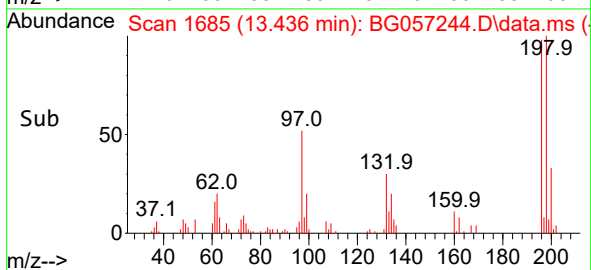
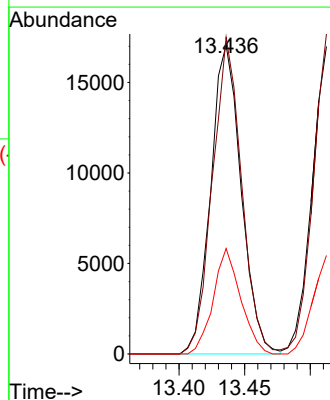
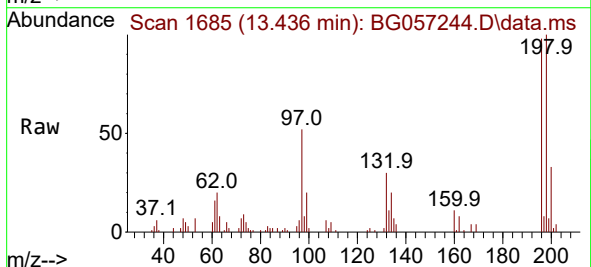
Instrument :
BNA_G
ClientSampleId :
SSTD020467

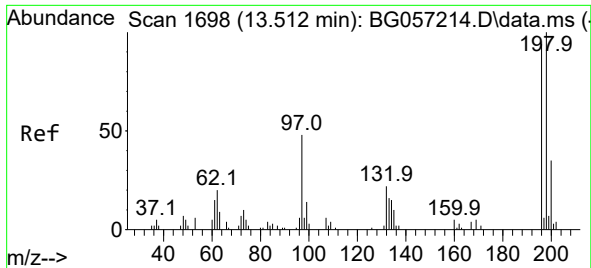
Tgt Ion:237 Resp: 16263
Ion Ratio Lower Upper
237 100
235 63.3 51.4 77.0
272 11.4 9.4 14.2



#41
2,4,6-Trichlorophenol
Concen: 23.097 ng/ul
RT: 13.436 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BG057244.D
Acq: 29 Apr 2023 10:40

Tgt Ion:196 Resp: 27560
Ion Ratio Lower Upper
196 100
198 102.5 83.8 125.8
200 34.1 26.6 40.0

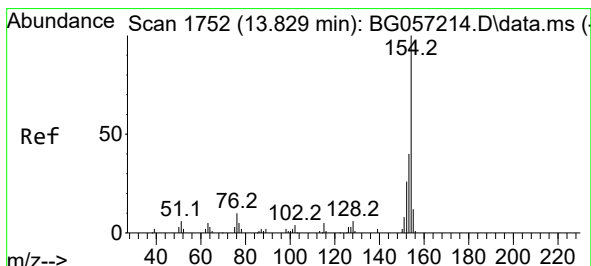
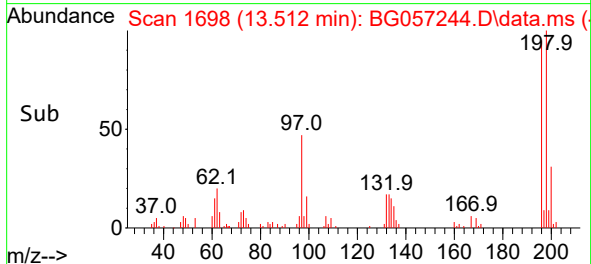
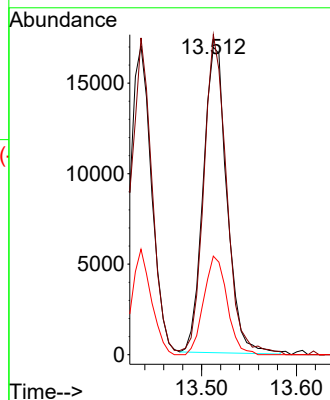
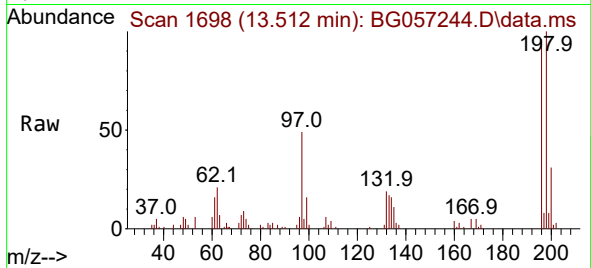




#42
2,4,5-Trichlorophenol
Concen: 23.013 ng/ul
RT: 13.512 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG057244.D
Acq: 29 Apr 2023 10:40

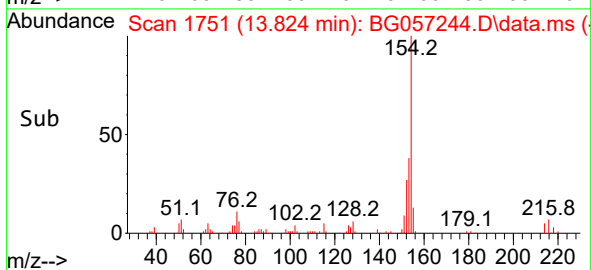
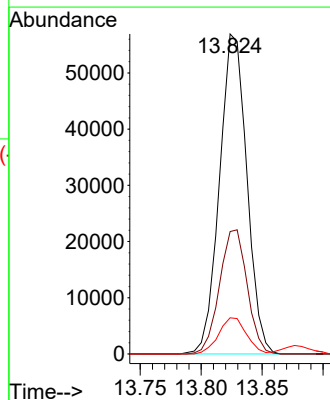
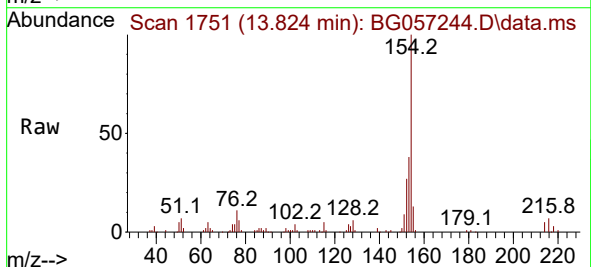
Instrument :
BNA_G
ClientSampleId :
SSTD020467

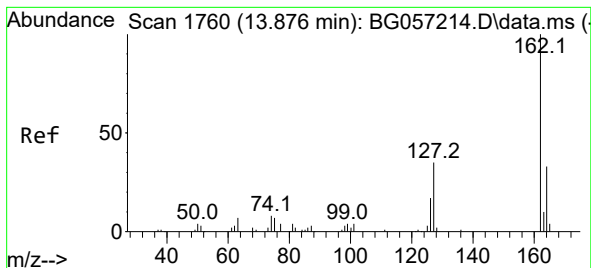
Tgt Ion:196 Resp: 29483
Ion Ratio Lower Upper
196 100
198 104.0 85.7 128.5
200 32.1 29.9 44.9



#43
1,1'-Biphenyl
Concen: 20.644 ng/ul
RT: 13.824 min Scan# 1751
Delta R.T. -0.006 min
Lab File: BG057244.D
Acq: 29 Apr 2023 10:40

Tgt Ion:154 Resp: 88808
Ion Ratio Lower Upper
154 100
153 38.2 31.6 47.4
76 11.3 8.0 12.0





#44

2-Chloronaphthalene

Concen: 21.626 ng/ul

RT: 13.877 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG057244.D

Acq: 29 Apr 2023 10:40

Instrument :

BNA_G

ClientSampleId :

SSTD020467

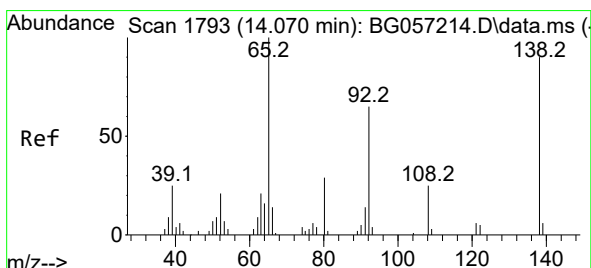
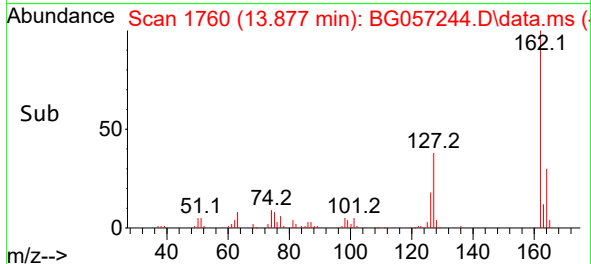
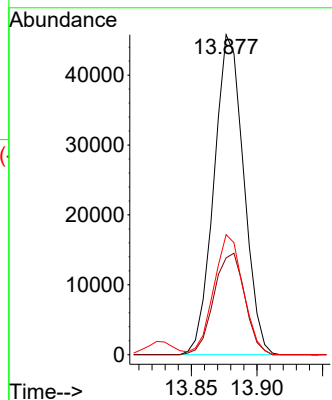
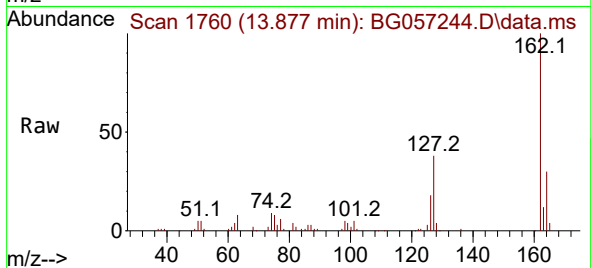
Tgt Ion:162 Resp: 72135

Ion Ratio Lower Upper

162 100

164 30.2 26.2 39.4

127 37.5 29.4 44.2



#45

2-Nitroaniline

Concen: 22.617 ng/ul

RT: 14.076 min Scan# 1794

Delta R.T. 0.006 min

Lab File: BG057244.D

Acq: 29 Apr 2023 10:40

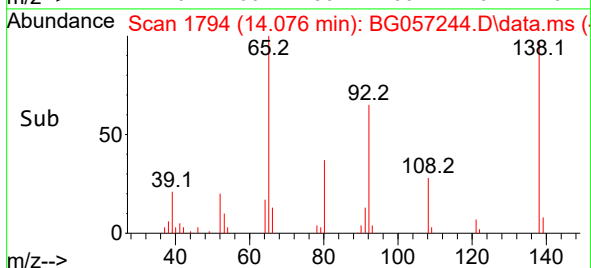
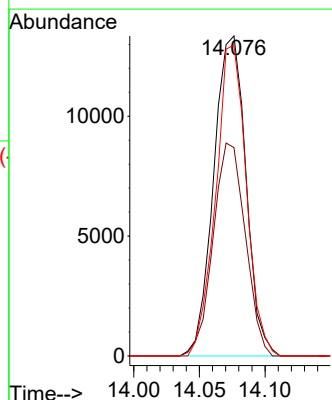
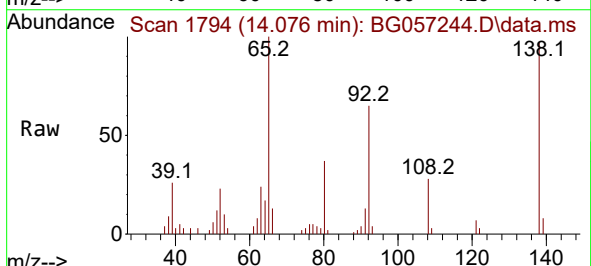
Tgt Ion: 65 Resp: 22775

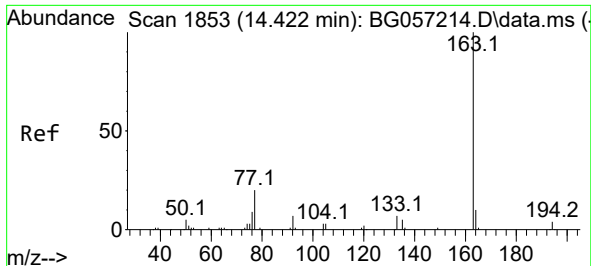
Ion Ratio Lower Upper

65 100

92 65.1 51.8 77.6

138 97.2 71.9 107.9

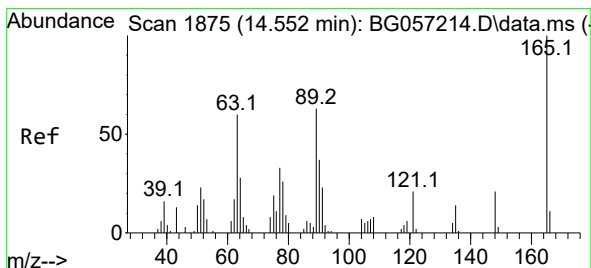
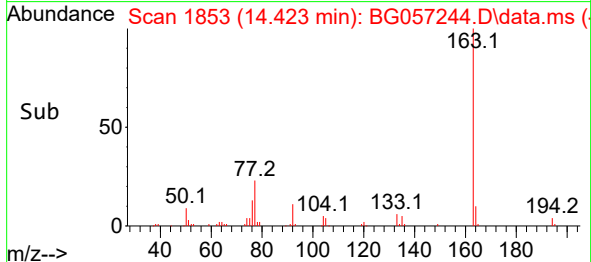
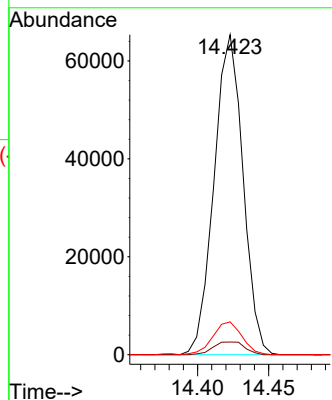
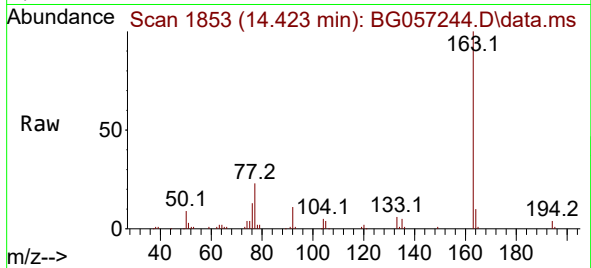




#47
Dimethylphthalate
Concen: 20.636 ng/ul
RT: 14.423 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BG057244.D
Acq: 29 Apr 2023 10:40

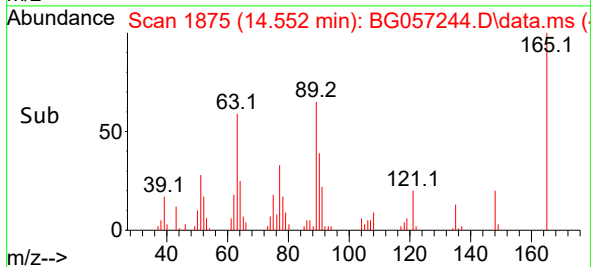
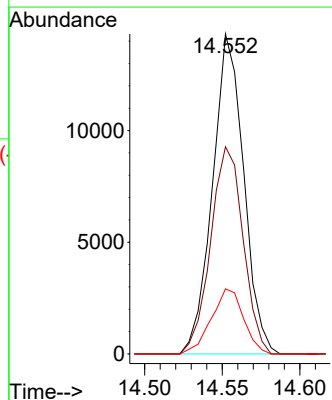
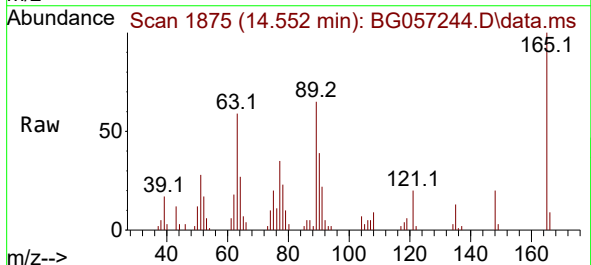
Instrument :
BNA_G
ClientSampleId :
SSTD020467

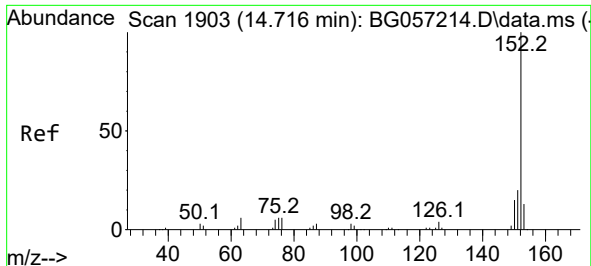
Tgt Ion:163 Resp: 92576
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 10.2 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 21.661 ng/ul
RT: 14.552 min Scan# 1875
Delta R.T. 0.000 min
Lab File: BG057244.D
Acq: 29 Apr 2023 10:40

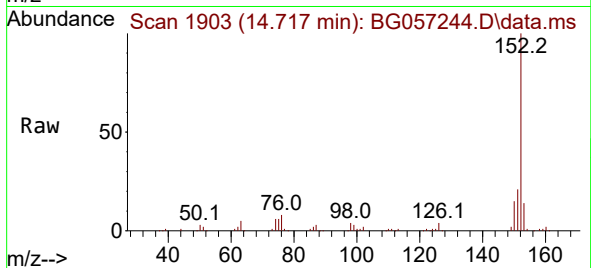
Tgt Ion:165 Resp: 19998
Ion Ratio Lower Upper
165 100
89 64.8 50.6 76.0
121 20.3 16.8 25.2



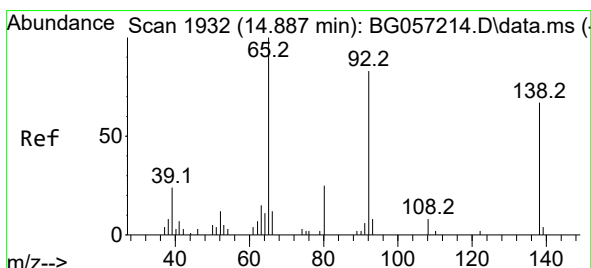
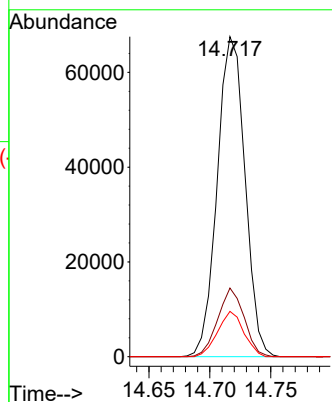
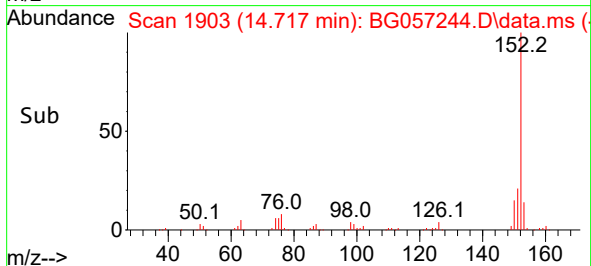


#50
Acenaphthylene
Concen: 20.987 ng/ul
RT: 14.717 min Scan# 1903
Delta R.T. 0.000 min
Lab File: BG057244.D
Acq: 29 Apr 2023 10:40

Instrument :
BNA_G
ClientSampleId :
SSTD020467

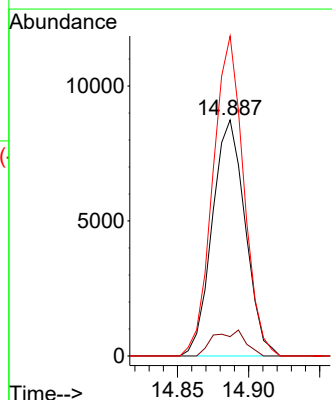
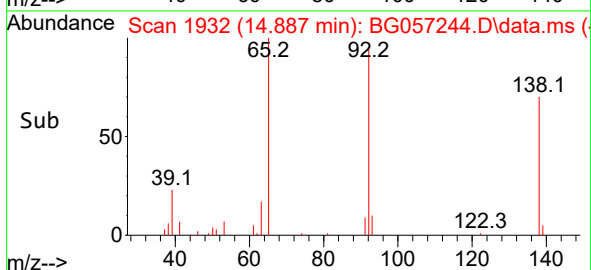
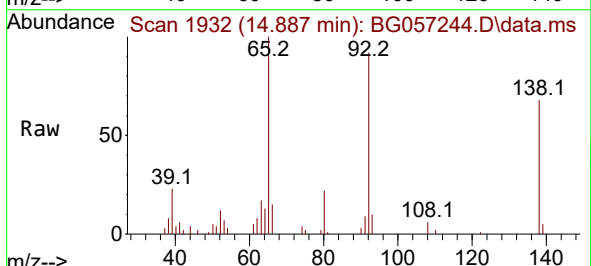


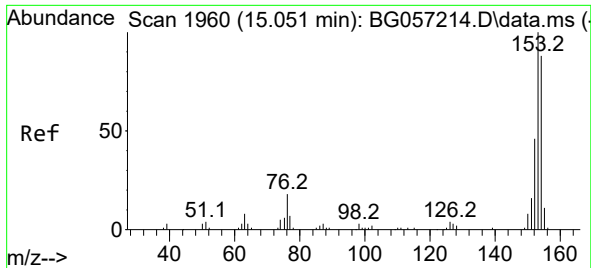
Tgt Ion:152 Resp: 107080
Ion Ratio Lower Upper
152 100
151 21.5 16.3 24.5
153 14.2 10.1 15.1



#51
3-Nitroaniline
Concen: 21.524 ng/ul
RT: 14.887 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BG057244.D
Acq: 29 Apr 2023 10:40

Tgt Ion:138 Resp: 14080
Ion Ratio Lower Upper
138 100
108 8.2 9.2 13.8#
92 135.6 99.5 149.3

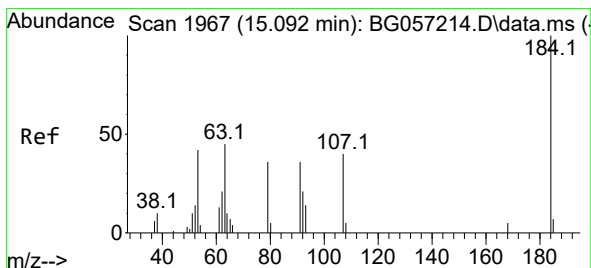
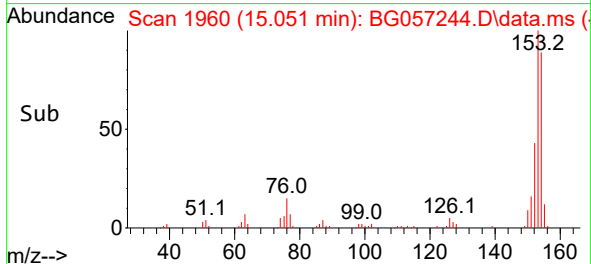
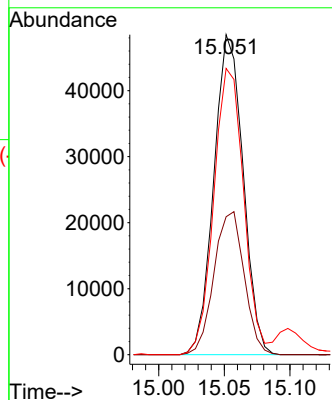
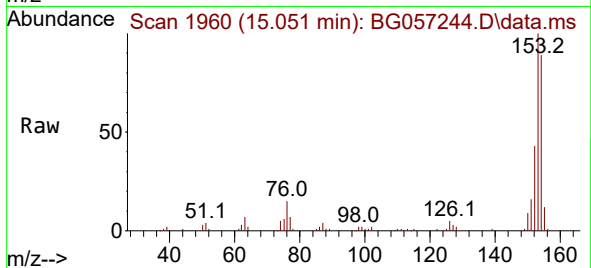




#52
Acenaphthene
Concen: 20.695 ng/ul
RT: 15.051 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BG057244.D
Acq: 29 Apr 2023 10:40

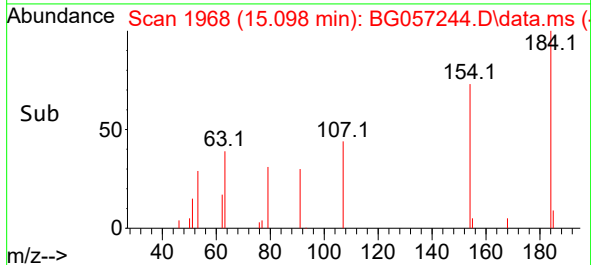
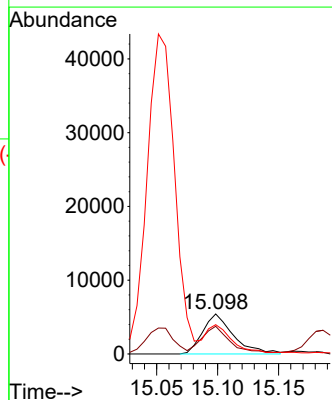
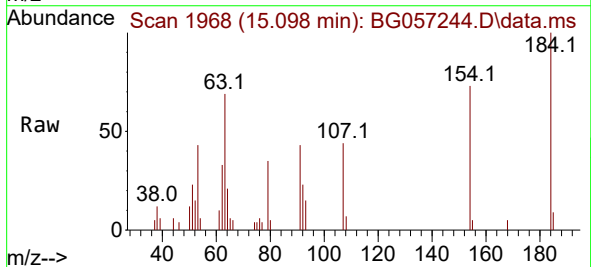
Instrument :
BNA_G
ClientSampleId :
SSTD020467

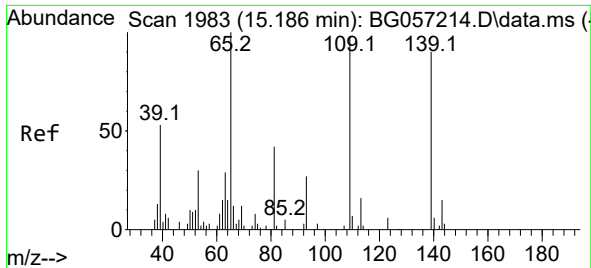
Tgt Ion:153 Resp: 75232
Ion Ratio Lower Upper
153 100
152 43.1 36.5 54.7
154 89.5 70.6 106.0



#53
2,4-Dinitrophenol
Concen: 19.347 ng/ul
RT: 15.098 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BG057244.D
Acq: 29 Apr 2023 10:40

Tgt Ion:184 Resp: 9512
Ion Ratio Lower Upper
184 100
63 69.2 48.3 72.5
154 73.3 50.0 75.0

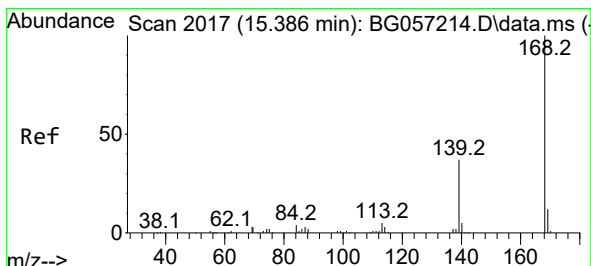
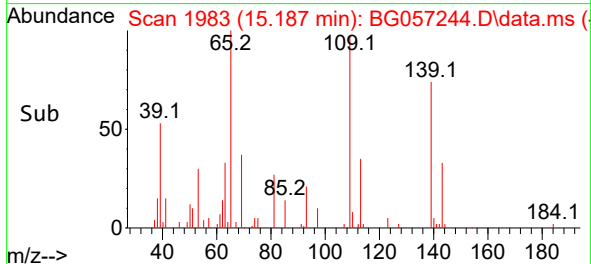
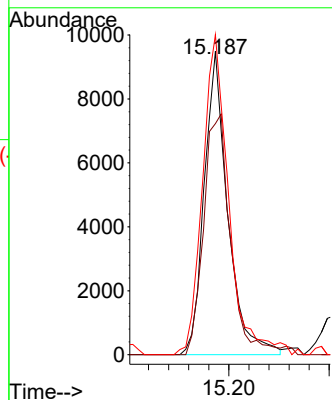
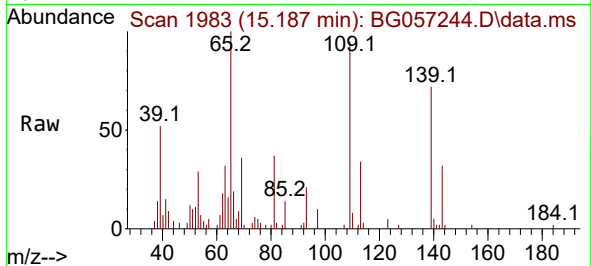




#55
4-Nitrophenol
Concen: 20.997 ng/ul
RT: 15.187 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BG057244.D
Acq: 29 Apr 2023 10:40

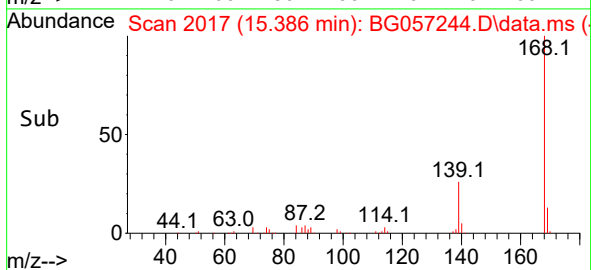
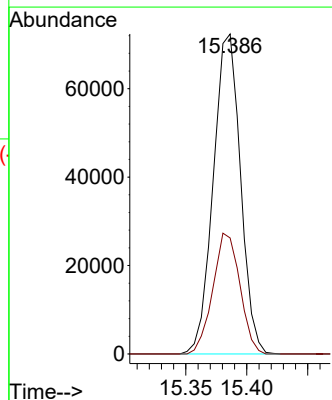
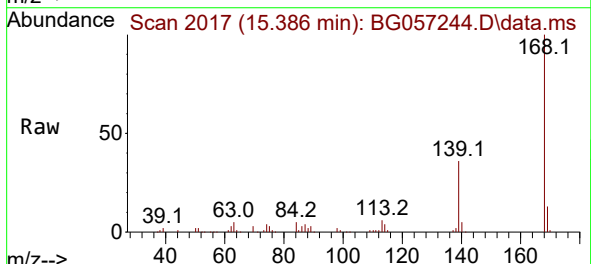
Instrument :
BNA_G
ClientSampleId :
SSTD020467

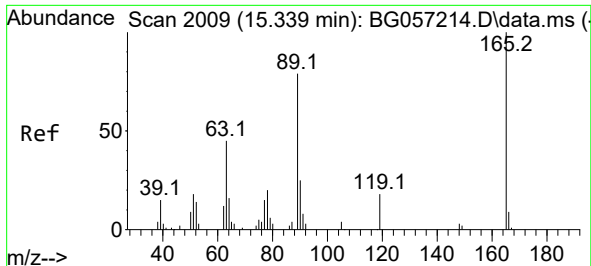
Tgt Ion:	109	Resp:	15478
Ion	Ratio	Lower	Upper
109	100		
139	76.1	73.8	110.8
65	105.5	81.7	122.5



#56
Dibenzofuran
Concen: 21.350 ng/ul
RT: 15.386 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BG057244.D
Acq: 29 Apr 2023 10:40

Tgt Ion:	168	Resp:	112079
Ion	Ratio	Lower	Upper
168	100		
139	36.2	29.6	44.4





#57

2,4-Dinitrotoluene

Concen: 21.871 ng/ul

RT: 15.339 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BG057244.D

Acq: 29 Apr 2023 10:40

Instrument :

BNA_G

ClientSampleId :

SSTD020467

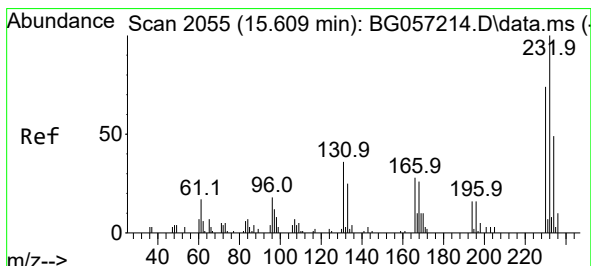
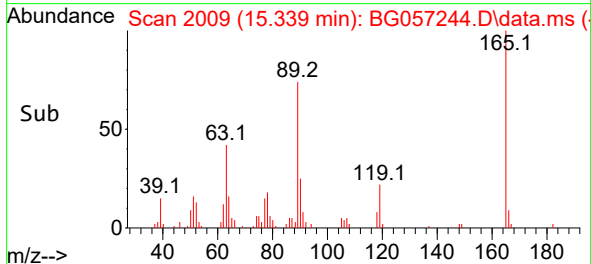
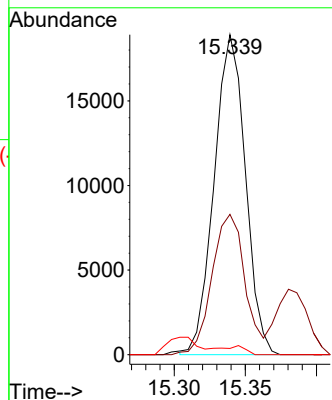
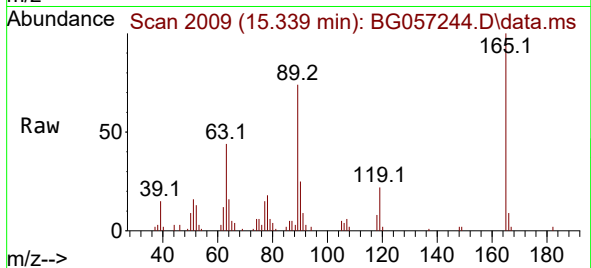
Tgt Ion:165 Resp: 28906

Ion Ratio Lower Upper

165 100

63 43.9 35.9 53.9

182 1.9 1.9 2.9



#58

2,3,4,6-Tetrachlorophenol

Concen: 22.671 ng/ul

RT: 15.609 min Scan# 2055

Delta R.T. 0.000 min

Lab File: BG057244.D

Acq: 29 Apr 2023 10:40

Tgt Ion:232 Resp: 26391

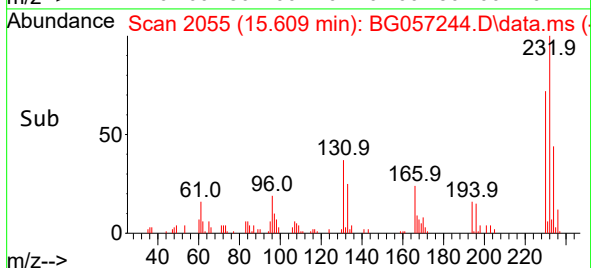
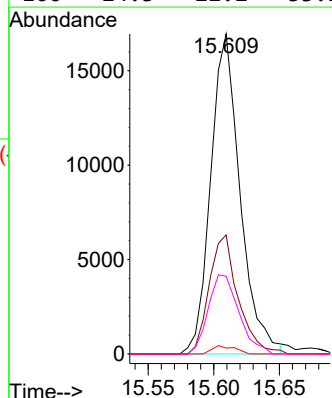
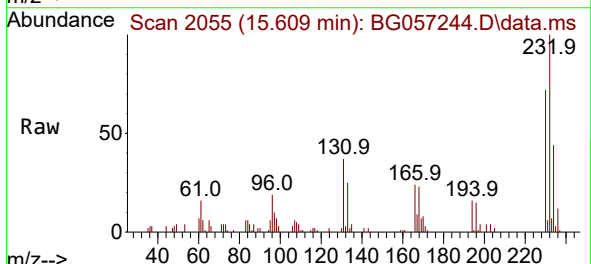
Ion Ratio Lower Upper

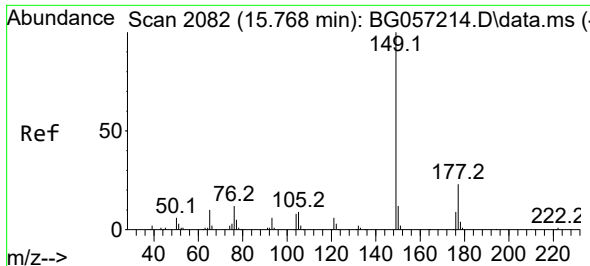
232 100

131 37.2 28.6 43.0

130 1.9 1.8 2.6

166 24.3 22.2 33.2

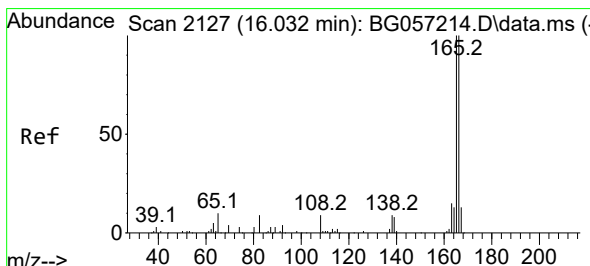
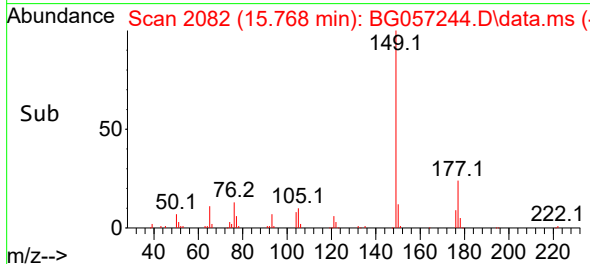
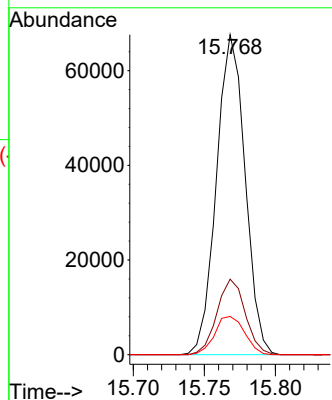
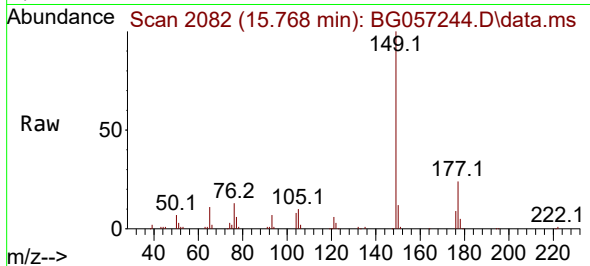




#59
Diethylphthalate
Concen: 20.769 ng/ul
RT: 15.768 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BG057244.D
Acq: 29 Apr 2023 10:40

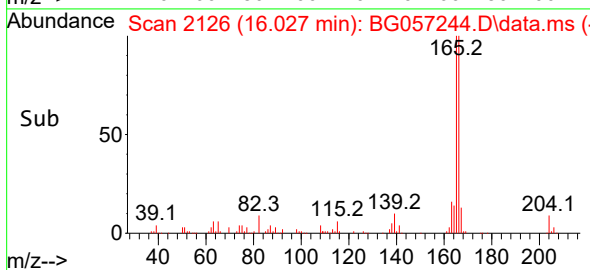
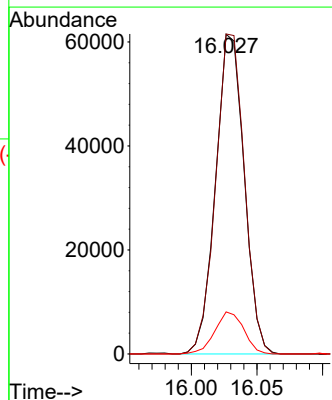
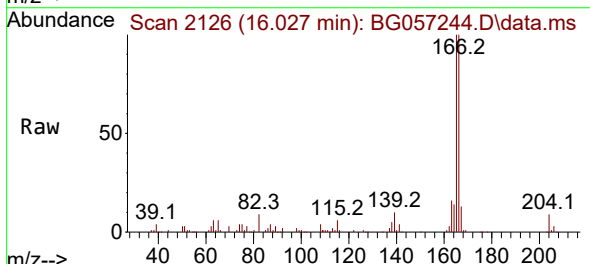
Instrument :
BNA_G
ClientSampleId :
SSTD020467

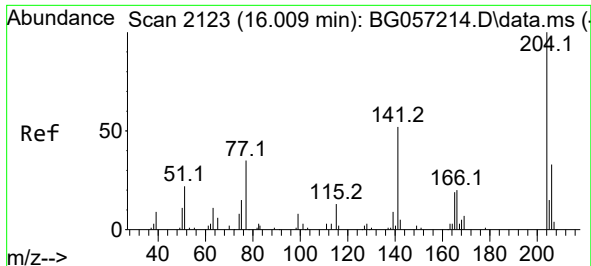
Tgt Ion:149 Resp: 94660
Ion Ratio Lower Upper
149 100
177 23.6 18.6 28.0
150 11.9 9.8 14.8



#61
Fluorene
Concen: 20.961 ng/ul
RT: 16.027 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BG057244.D
Acq: 29 Apr 2023 10:40

Tgt Ion:166 Resp: 93049
Ion Ratio Lower Upper
166 100
165 100.1 80.1 120.1
167 13.2 10.2 15.4





#62

4-Chlorophenyl-phenylether

Concen: 21.653 ng/ul

RT: 16.009 min Scan# 2123

Delta R.T. 0.000 min

Lab File: BG057244.D

Acq: 29 Apr 2023 10:40

Instrument :

BNA_G

ClientSampleId :

SSTD020467

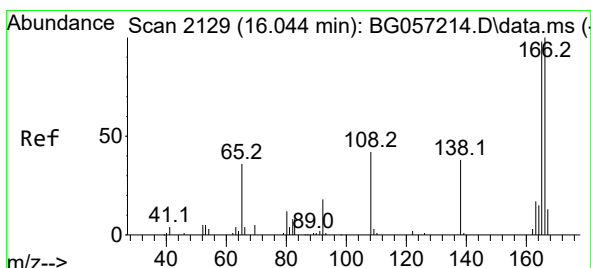
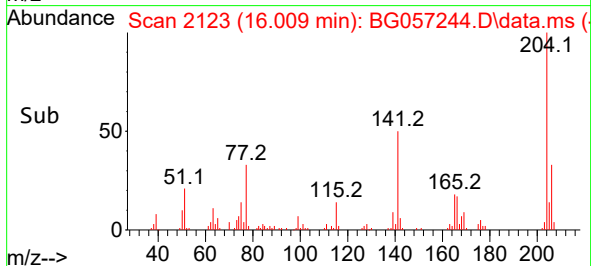
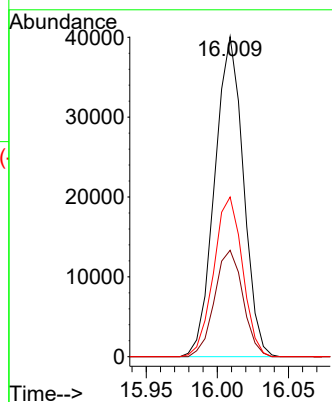
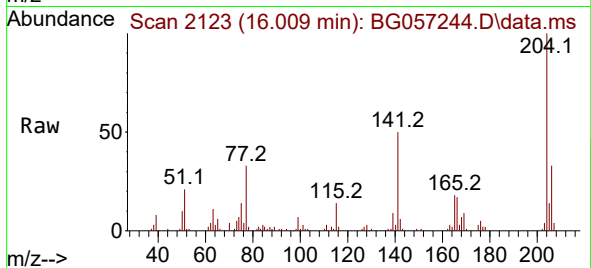
Tgt Ion:204 Resp: 56101

Ion Ratio Lower Upper

204 100

206 33.2 26.5 39.7

141 49.9 41.5 62.3



#63

4-Nitroaniline

Concen: 16.812 ng/ul

RT: 16.044 min Scan# 2129

Delta R.T. 0.000 min

Lab File: BG057244.D

Acq: 29 Apr 2023 10:40

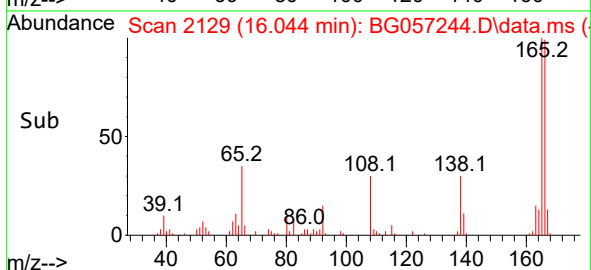
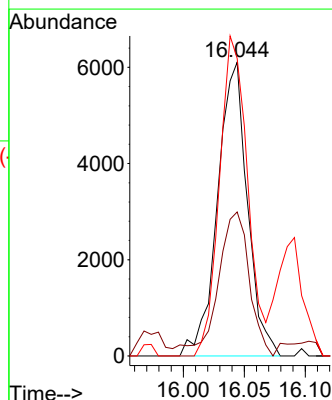
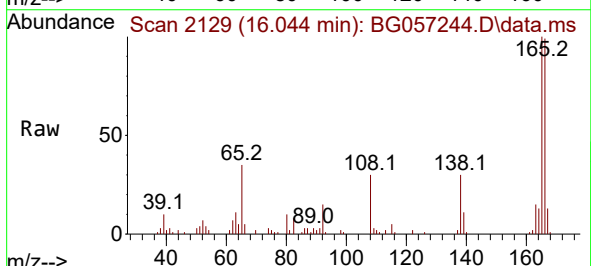
Tgt Ion:138 Resp: 10415

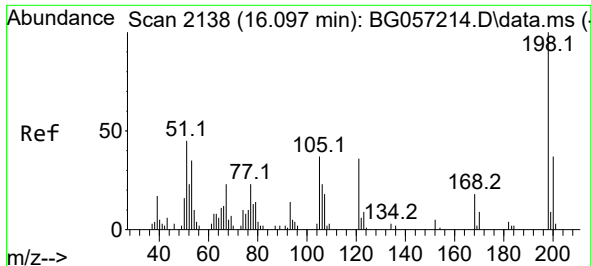
Ion Ratio Lower Upper

138 100

92 49.0 39.9 59.9

108 101.3 89.1 133.7

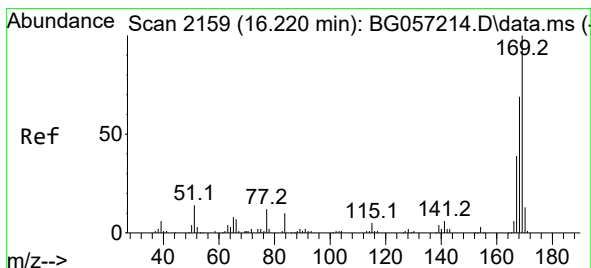
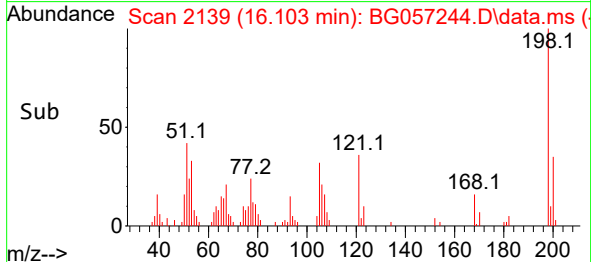
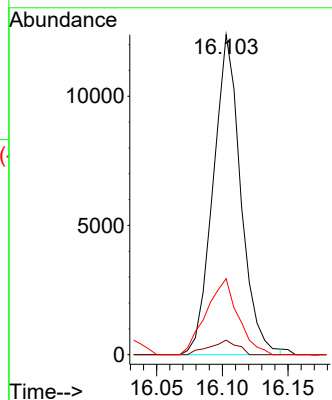
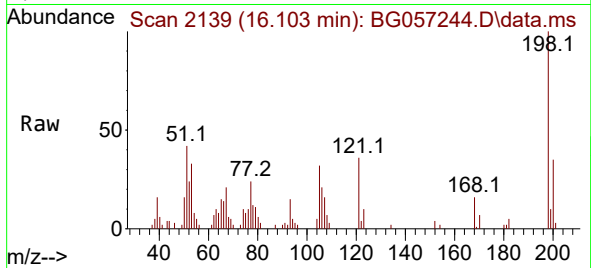




#66
4,6-Dinitro-2-methylphenol
Concen: 21.547 ng/ul
RT: 16.103 min Scan# 2138
Delta R.T. 0.006 min
Lab File: BG057244.D
Acq: 29 Apr 2023 10:40

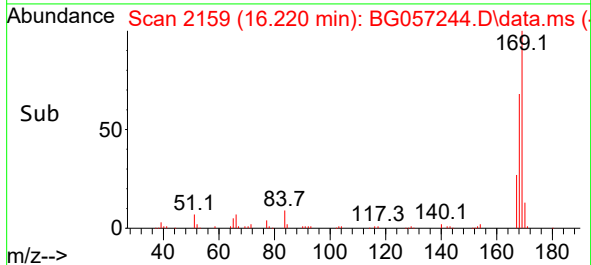
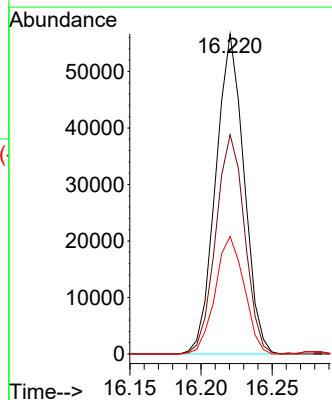
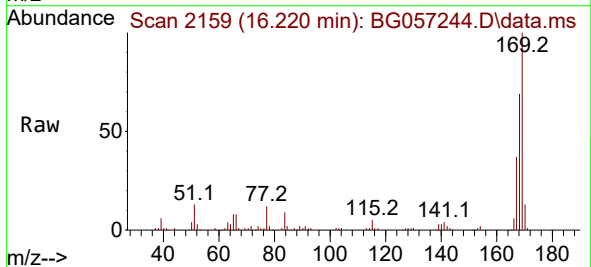
Instrument :
BNA_G
ClientSampleId :
SSTD020467

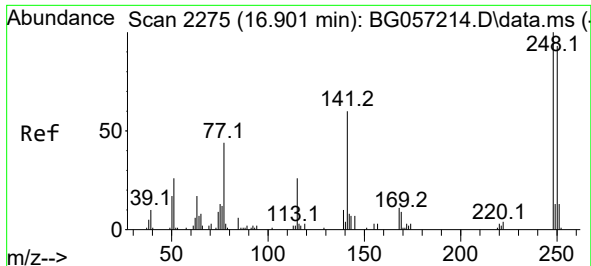
Tgt Ion:198 Resp: 18100
Ion Ratio Lower Upper
198 100
182 4.5 3.0 4.6
77 23.8 20.1 30.1



#67
N-Nitrosodiphenylamine
Concen: 21.554 ng/ul
RT: 16.220 min Scan# 2159
Delta R.T. 0.000 min
Lab File: BG057244.D
Acq: 29 Apr 2023 10:40

Tgt Ion:169 Resp: 78339
Ion Ratio Lower Upper
169 100
168 68.5 55.4 83.2
167 36.7 31.0 46.4

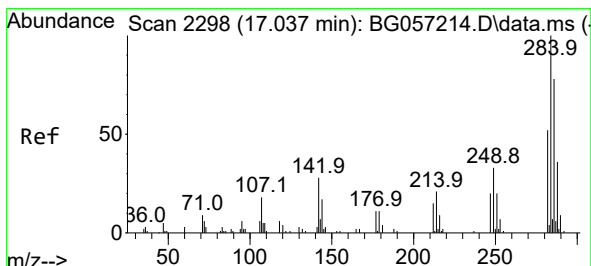
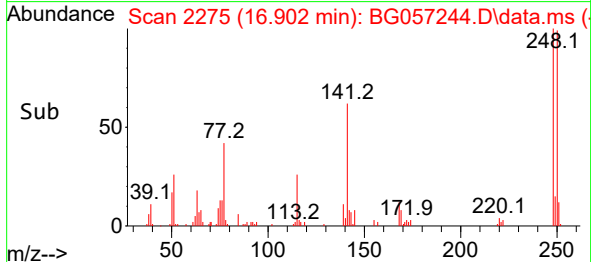
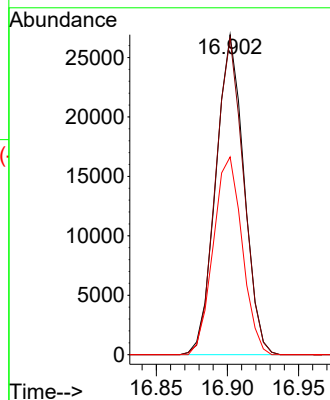
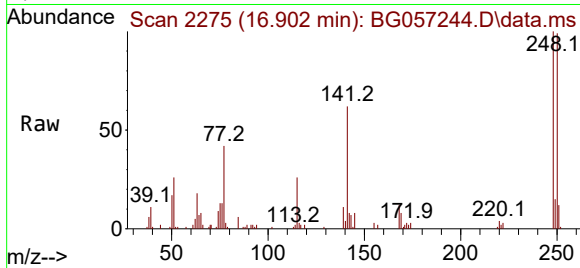




#68
4-Bromophenyl-phenylether
Concen: 22.266 ng/ul
RT: 16.902 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG057244.D
Acq: 29 Apr 2023 10:40

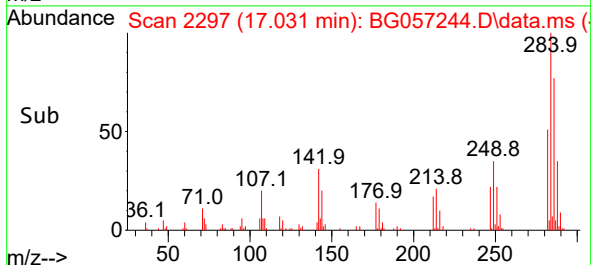
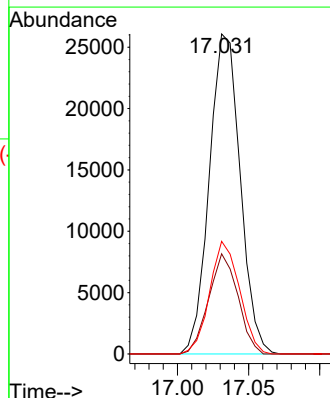
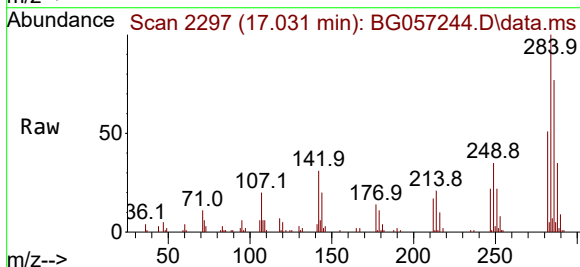
Instrument :
BNA_G
ClientSampleId :
SSTD020467

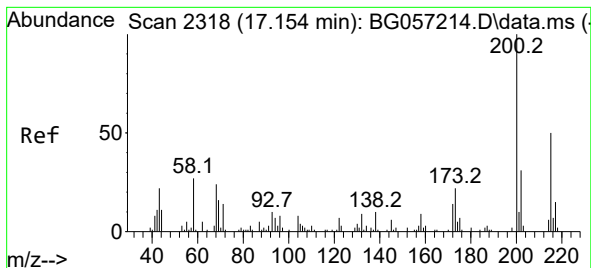
Tgt Ion:248 Resp: 37028
Ion Ratio Lower Upper
248 100
250 99.0 74.8 112.2
141 61.8 47.8 71.6



#69
Hexachlorobenzene
Concen: 22.492 ng/ul
RT: 17.031 min Scan# 2297
Delta R.T. -0.006 min
Lab File: BG057244.D
Acq: 29 Apr 2023 10:40

Tgt Ion:284 Resp: 39388
Ion Ratio Lower Upper
284 100
142 31.3 22.6 33.8
249 35.2 26.2 39.2





#70

Atrazine

Concen: 21.875 ng/ul

RT: 17.154 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG057244.D

Acq: 29 Apr 2023 10:40

Instrument :

BNA_G

ClientSampleId :

SSTD020467

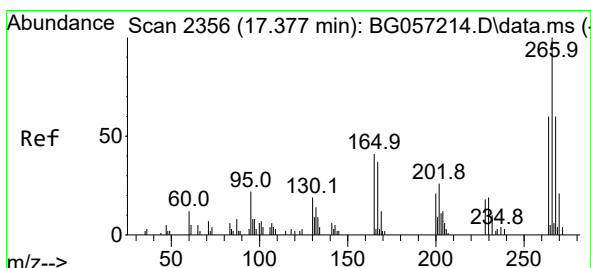
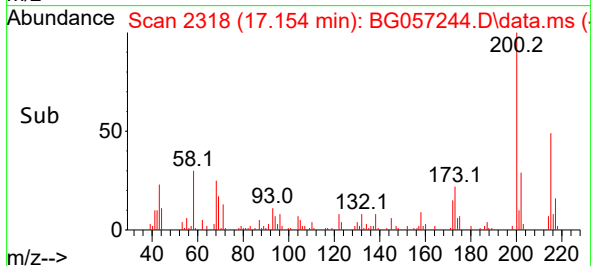
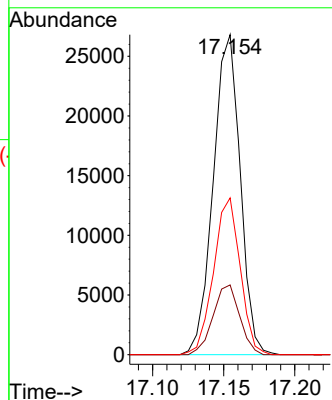
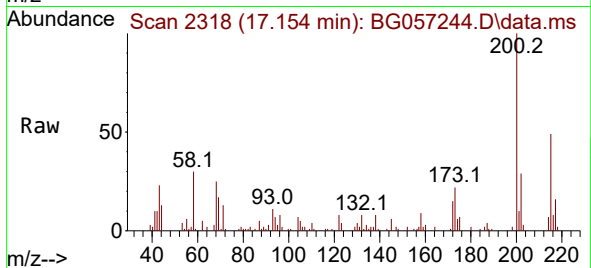
Tgt Ion:200 Resp: 35335

Ion Ratio Lower Upper

200 100

173 21.8 17.8 26.6

215 49.0 40.3 60.5



#71

Pentachlorophenol

Concen: 20.305 ng/ul

RT: 17.378 min Scan# 2356

Delta R.T. 0.000 min

Lab File: BG057244.D

Acq: 29 Apr 2023 10:40

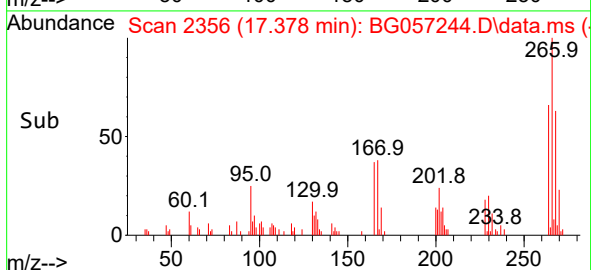
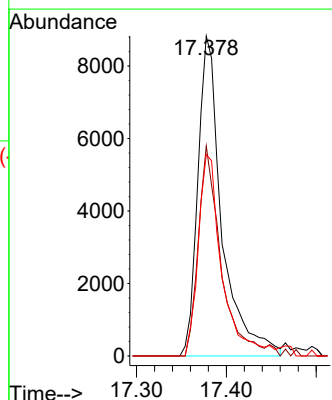
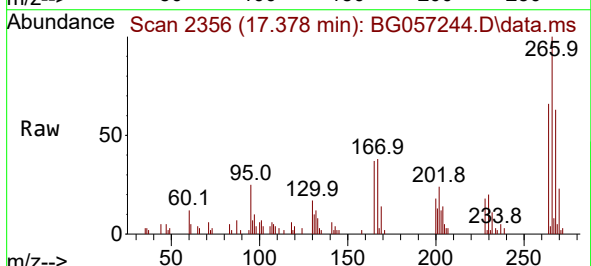
Tgt Ion:266 Resp: 16436

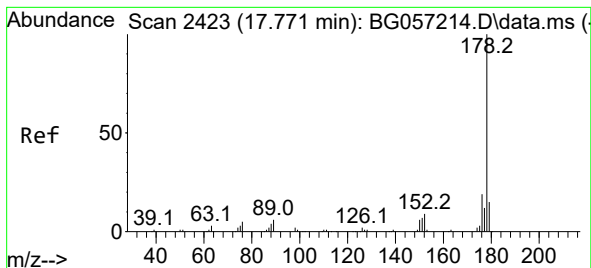
Ion Ratio Lower Upper

266 100

264 65.6 47.8 71.6

268 62.9 48.2 72.4





#72

Phenanthrene

Concen: 20.921 ng/ul

RT: 17.771 min Scan# 2423

Delta R.T. 0.000 min

Lab File: BG057244.D

Acq: 29 Apr 2023 10:40

Instrument :

BNA_G

ClientSampleId :

SSTD020467

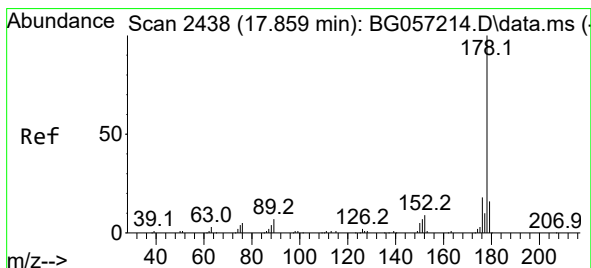
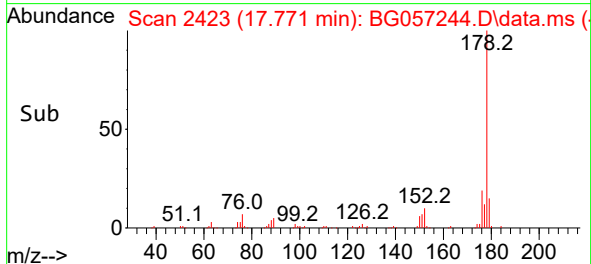
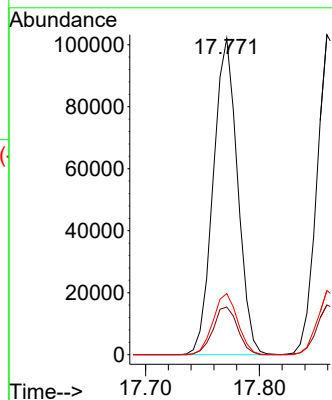
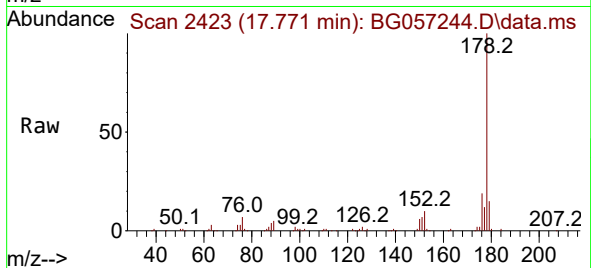
Tgt Ion:178 Resp: 151588

Ion Ratio Lower Upper

178 100

179 15.1 11.8 17.8

176 19.3 15.4 23.0



#74

Anthracene

Concen: 21.302 ng/ul

RT: 17.859 min Scan# 2438

Delta R.T. 0.000 min

Lab File: BG057244.D

Acq: 29 Apr 2023 10:40

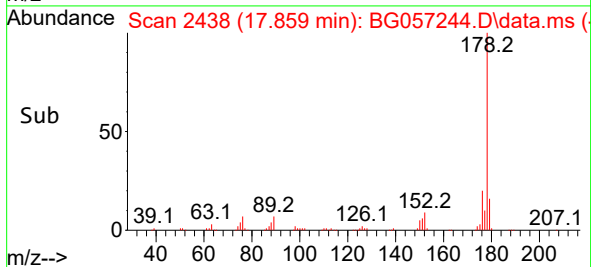
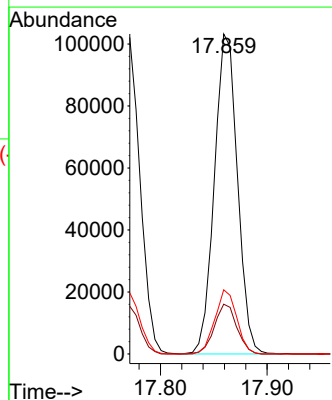
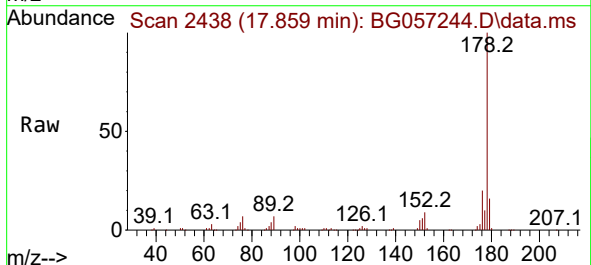
Tgt Ion:178 Resp: 155042

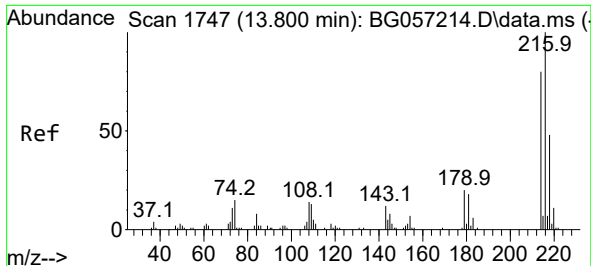
Ion Ratio Lower Upper

178 100

179 15.5 12.5 18.7

176 20.1 14.7 22.1

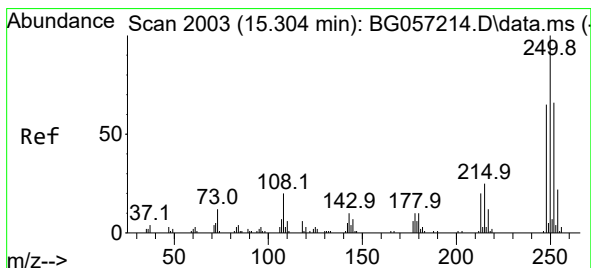
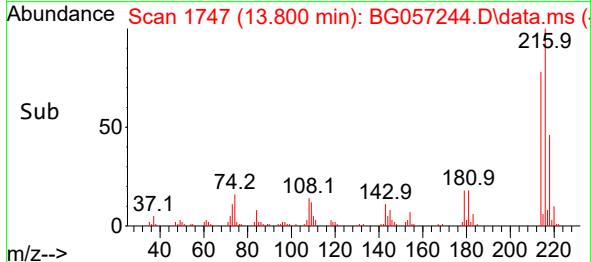
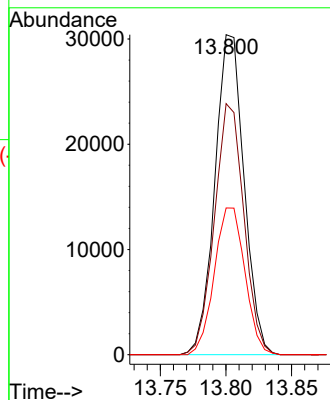
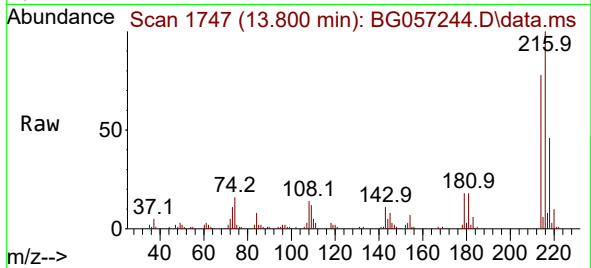




#75
1,2,3,4-Tetrachlorobenzene
Concen: 22.527 ng/uL
RT: 13.800 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG057244.D
Acq: 29 Apr 2023 10:40

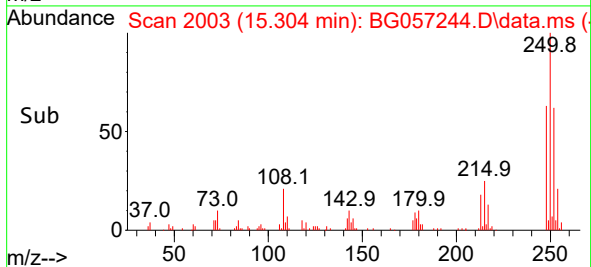
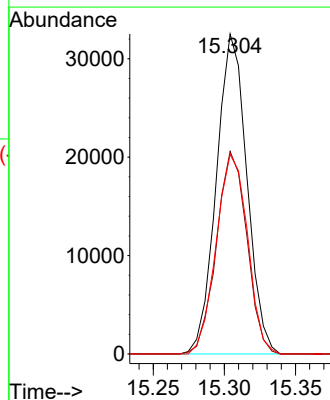
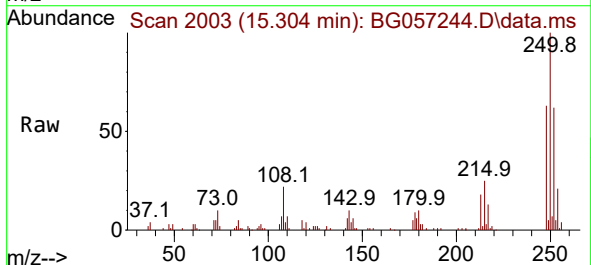
Instrument :
BNA_G
ClientSampleId :
SSTD020467

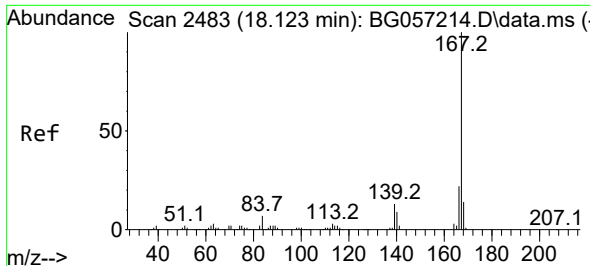
Tgt Ion:216 Resp: 47143
Ion Ratio Lower Upper
216 100
214 78.4 64.3 96.5
218 45.9 38.5 57.7



#76
Pentachlorobenzene
Concen: 22.780 ng/uL
RT: 15.304 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BG057244.D
Acq: 29 Apr 2023 10:40

Tgt Ion:250 Resp: 48526
Ion Ratio Lower Upper
250 100
248 63.3 52.2 78.2
252 62.4 52.5 78.7

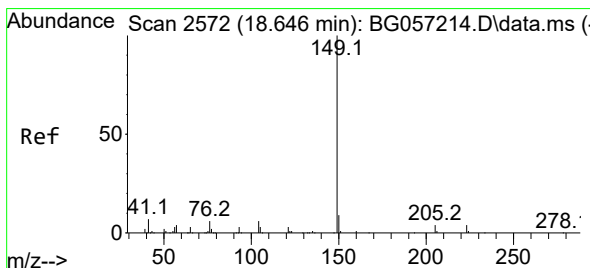
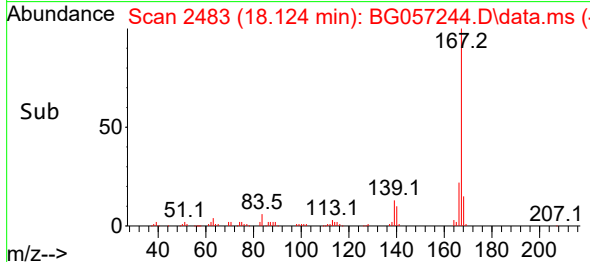
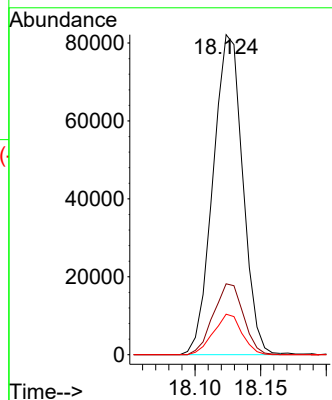
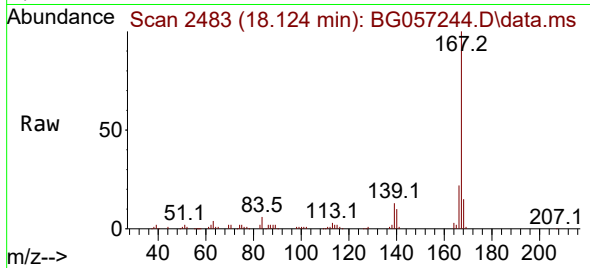




#77
 Carbazole
 Concen: 21.268 ng/ul
 RT: 18.124 min Scan# 2483
 Delta R.T. 0.000 min
 Lab File: BG057244.D
 Acq: 29 Apr 2023 10:40

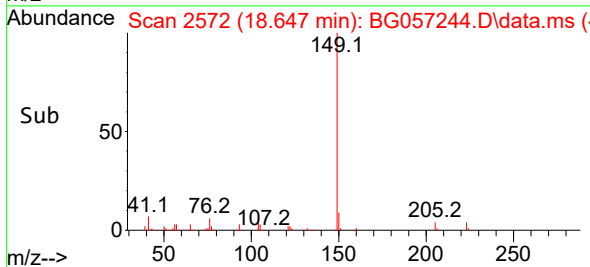
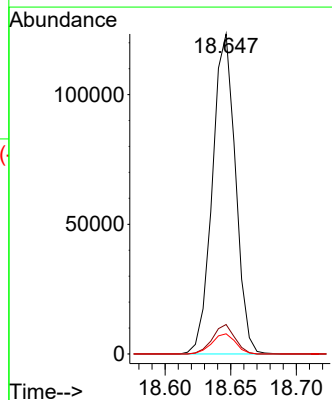
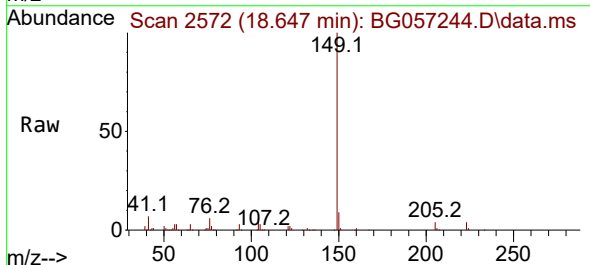
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020467

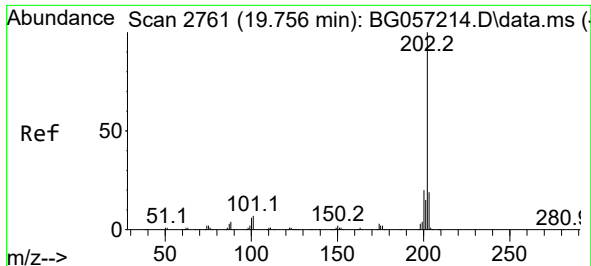
Tgt Ion:167 Resp: 129358
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.0 27.0
 139 12.7 10.3 15.5



#78
 Di-n-butylphthalate
 Concen: 21.722 ng/ul
 RT: 18.647 min Scan# 2572
 Delta R.T. 0.000 min
 Lab File: BG057244.D
 Acq: 29 Apr 2023 10:40

Tgt Ion:149 Resp: 151078
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 6.3 5.0 7.6

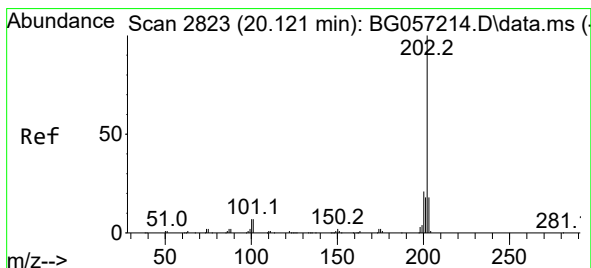
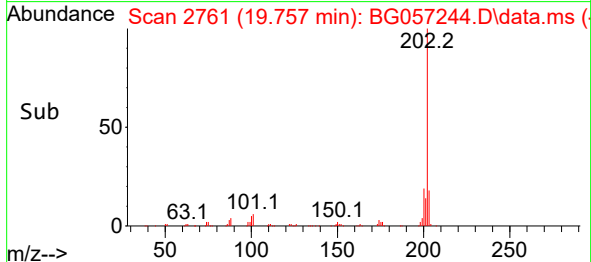
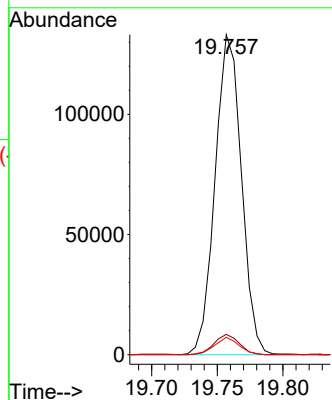
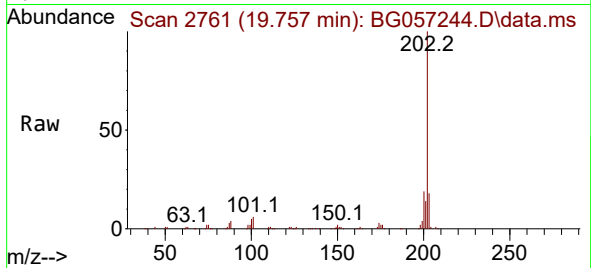




#80
Fluoranthene
Concen: 21.343 ng/uI
RT: 19.757 min Scan# 2761
Delta R.T. 0.000 min
Lab File: BG057244.D
Acq: 29 Apr 2023 10:40

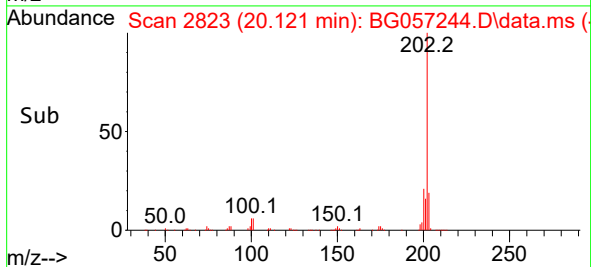
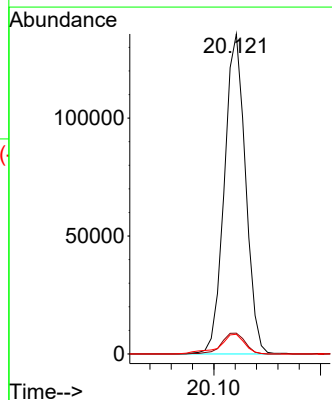
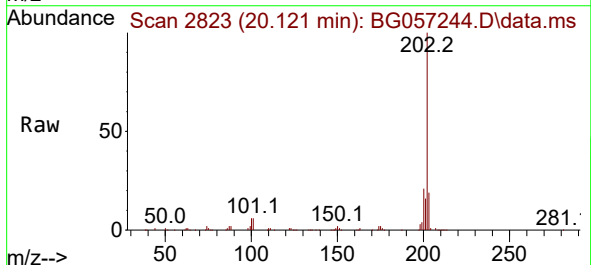
Instrument :
BNA_G
ClientSampleId :
SSTD020467

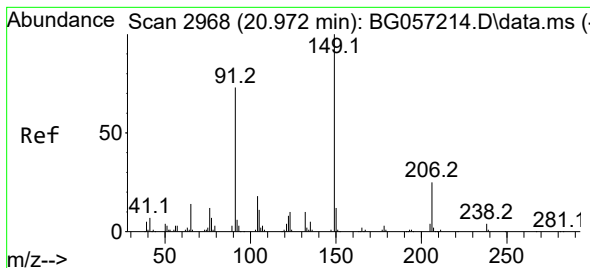
Tgt Ion:202 Resp: 185779
Ion Ratio Lower Upper
202 100
101 6.4 5.8 8.6
100 5.4 4.6 7.0



#82
Pyrene
Concen: 21.206 ng/uI
RT: 20.121 min Scan# 2823
Delta R.T. 0.000 min
Lab File: BG057244.D
Acq: 29 Apr 2023 10:40

Tgt Ion:202 Resp: 186862
Ion Ratio Lower Upper
202 100
101 6.5 5.7 8.5
100 6.1 6.0 9.0





#83

Butylbenzylphthalate

Concen: 22.079 ng/ul

RT: 20.973 min Scan# 2968

Delta R.T. 0.000 min

Lab File: BG057244.D

Acq: 29 Apr 2023 10:40

Instrument :

BNA_G

ClientSampleId :

SSTD020467

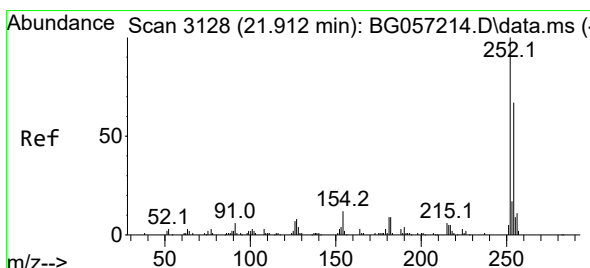
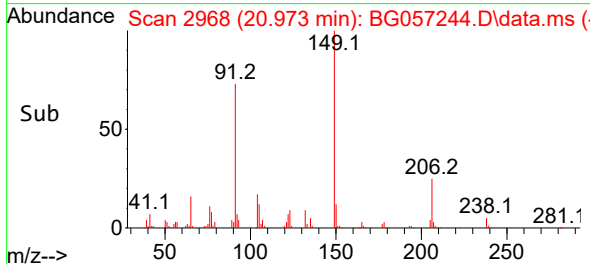
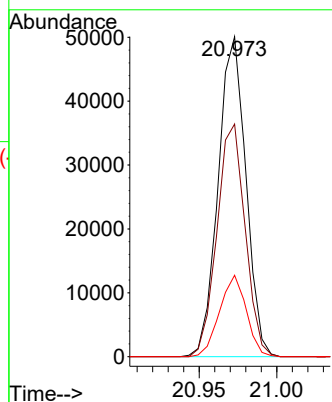
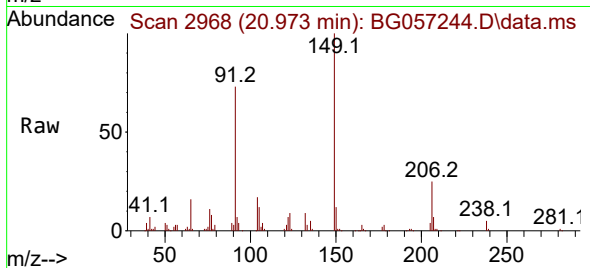
Tgt Ion:149 Resp: 62305

Ion Ratio Lower Upper

149 100

91 72.7 58.6 87.8

206 25.4 19.8 29.8



#84

3,3'-Dichlorobenzidine

Concen: 24.048 ng/ul

RT: 21.913 min Scan# 3128

Delta R.T. 0.000 min

Lab File: BG057244.D

Acq: 29 Apr 2023 10:40

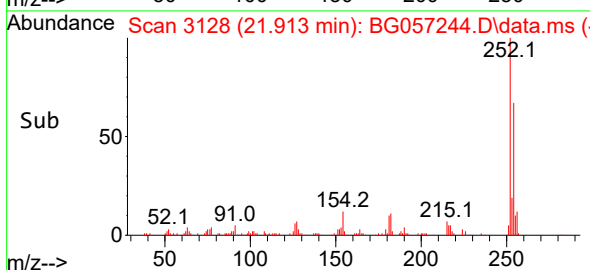
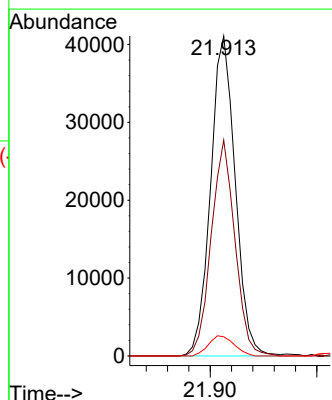
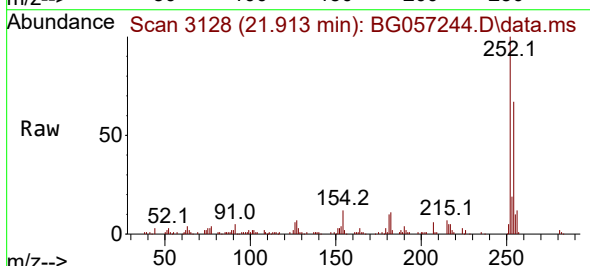
Tgt Ion:252 Resp: 65932

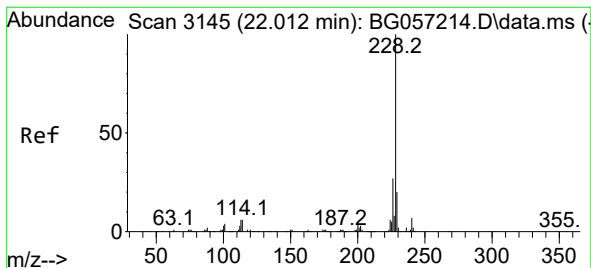
Ion Ratio Lower Upper

252 100

254 67.4 53.7 80.5

126 6.0 5.2 7.8





#85

Benzo(a)anthracene

Concen: 21.595 ng/ul

RT: 22.018 min Scan# 3145

Delta R.T. 0.006 min

Lab File: BG057244.D

Acq: 29 Apr 2023 10:40

Instrument :

BNA_G

ClientSampleId :

SSTD020467

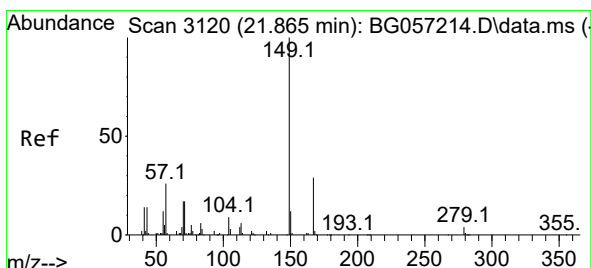
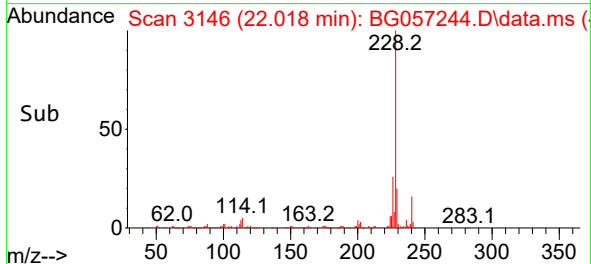
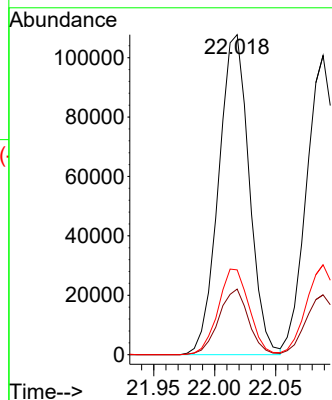
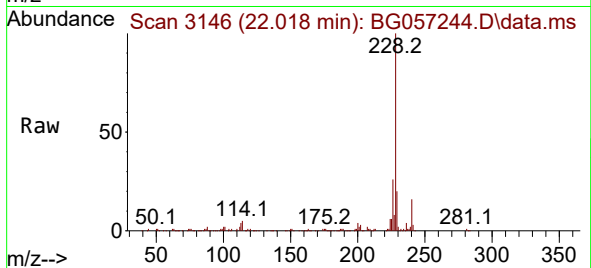
Tgt Ion:228 Resp: 188544

Ion Ratio Lower Upper

228 100

229 20.5 15.8 23.6

226 26.5 21.7 32.5



#86

Bis(2-ethylhexyl)phthalate

Concen: 21.646 ng/ul

RT: 21.866 min Scan# 3120

Delta R.T. 0.000 min

Lab File: BG057244.D

Acq: 29 Apr 2023 10:40

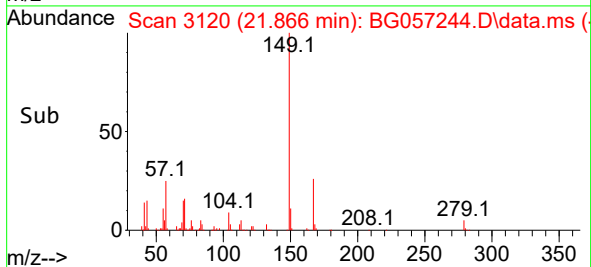
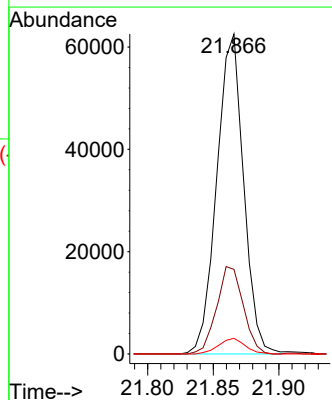
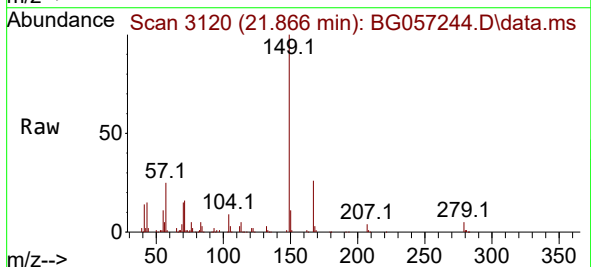
Tgt Ion:149 Resp: 88839

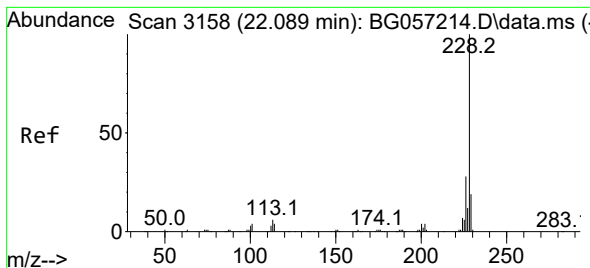
Ion Ratio Lower Upper

149 100

167 26.5 23.0 34.6

279 4.9 3.6 5.4





#87

Chrysene

Concen: 20.871 ng/ul

RT: 22.089 min Scan# 3158

Delta R.T. 0.000 min

Lab File: BG057244.D

Acq: 29 Apr 2023 10:40

Instrument :

BNA_G

ClientSampleId :

SSTD020467

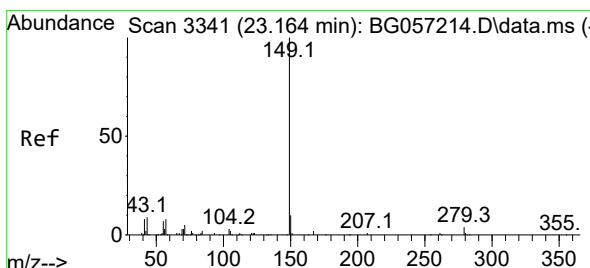
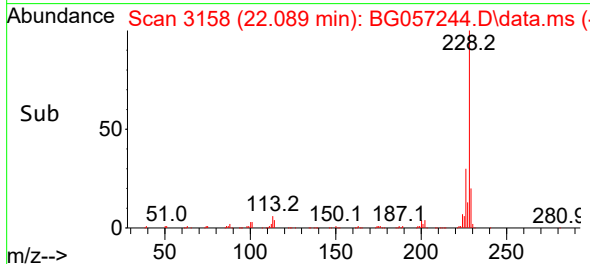
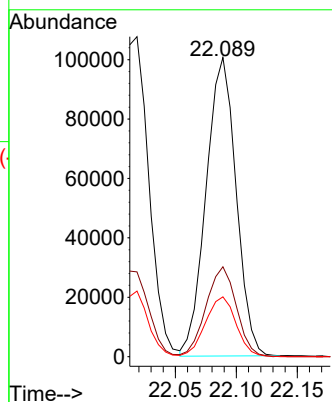
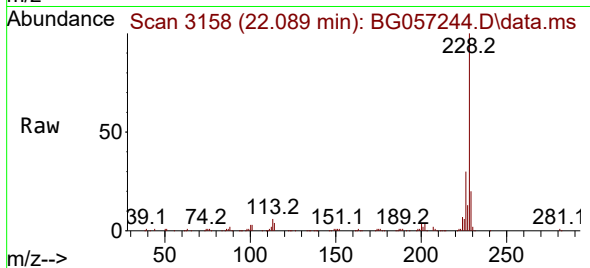
Tgt Ion:228 Resp: 171924

Ion Ratio Lower Upper

228 100

226 30.0 22.8 34.2

229 20.0 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 21.154 ng/ul

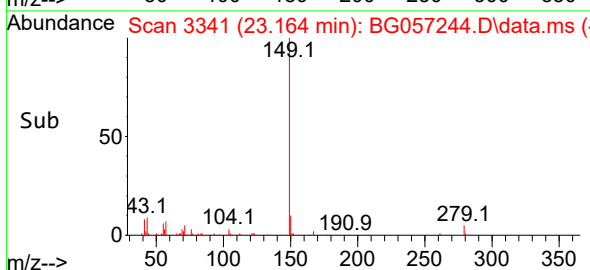
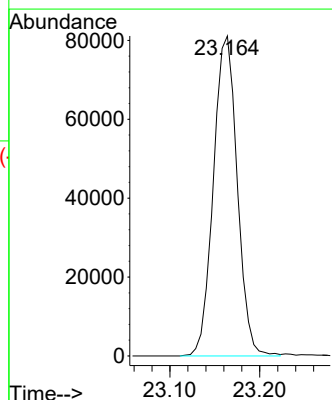
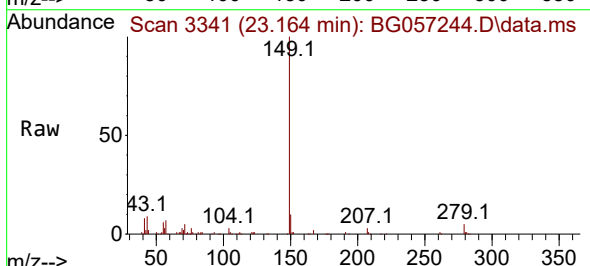
RT: 23.164 min Scan# 3341

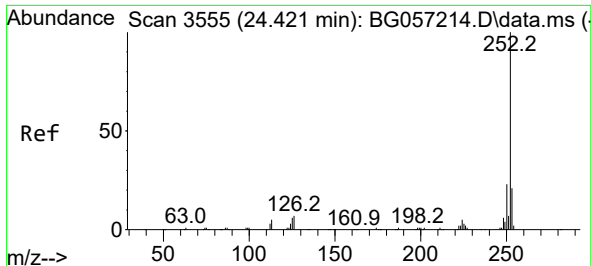
Delta R.T. 0.000 min

Lab File: BG057244.D

Acq: 29 Apr 2023 10:40

Tgt Ion:149 Resp: 149553

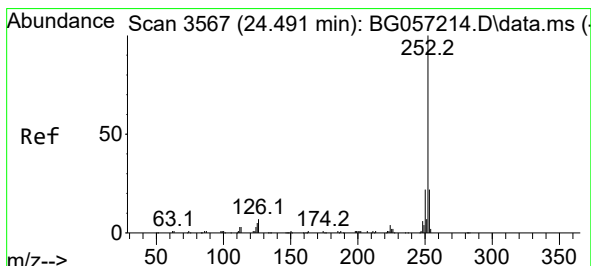
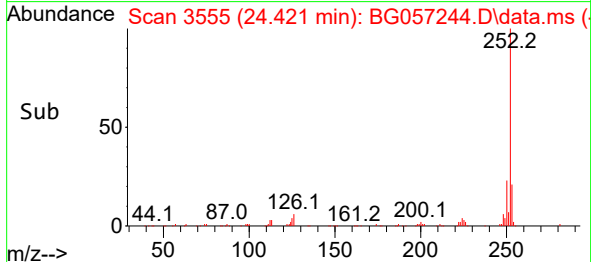
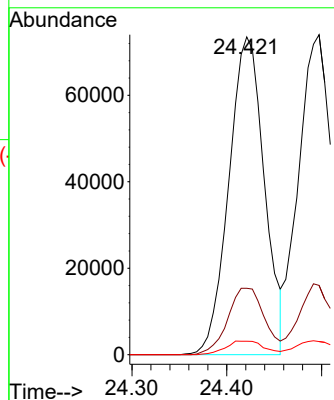
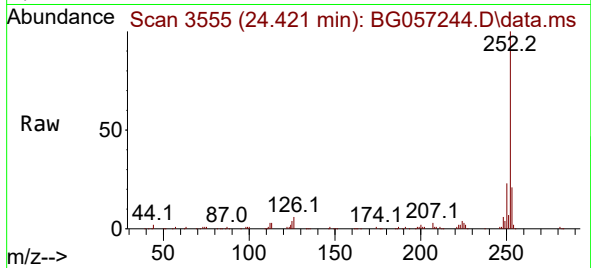




#90
Benzo(b)fluoranthene
Concen: 21.531 ng/ul
RT: 24.421 min Scan# 3555
Delta R.T. 0.000 min
Lab File: BG057244.D
Acq: 29 Apr 2023 10:40

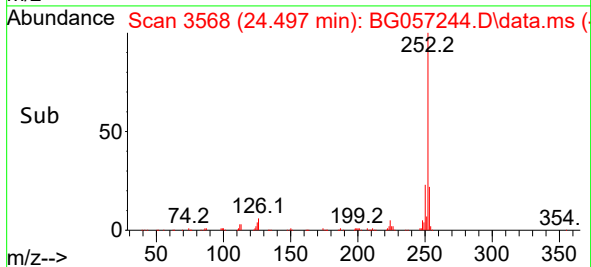
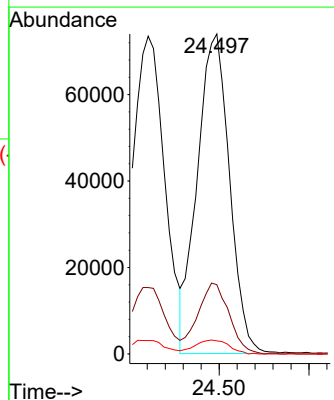
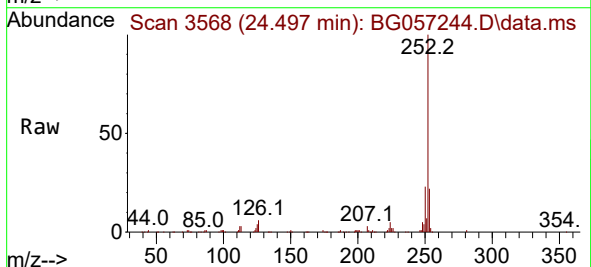
Instrument :
BNA_G
ClientSampleId :
SSTD020467

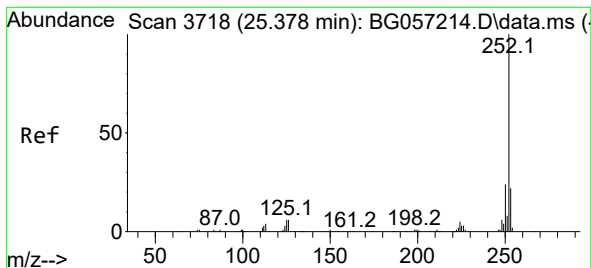
Tgt Ion:252 Resp: 190879
Ion Ratio Lower Upper
252 100
253 20.9 16.7 25.1
125 4.3 4.8 7.2#



#91
Benzo(k)fluoranthene
Concen: 21.355 ng/ul
RT: 24.497 min Scan# 3568
Delta R.T. 0.006 min
Lab File: BG057244.D
Acq: 29 Apr 2023 10:40

Tgt Ion:252 Resp: 184182
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 4.1 4.5 6.7#





#93

Benzo(a)pyrene

Concen: 21.079 ng/ul

RT: 25.379 min Scan# 3718

Delta R.T. 0.000 min

Lab File: BG057244.D

Acq: 29 Apr 2023 10:40

Instrument :

BNA_G

ClientSampleId :

SSTD020467

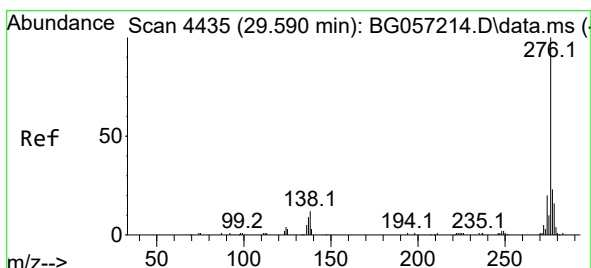
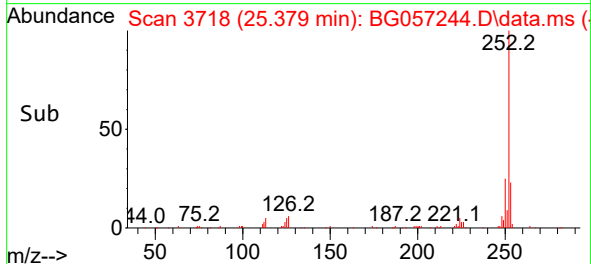
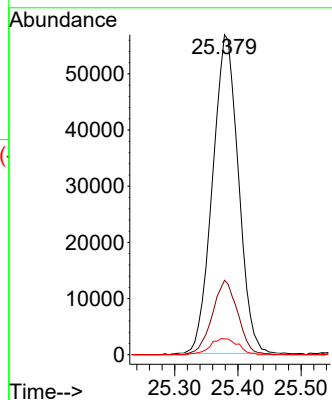
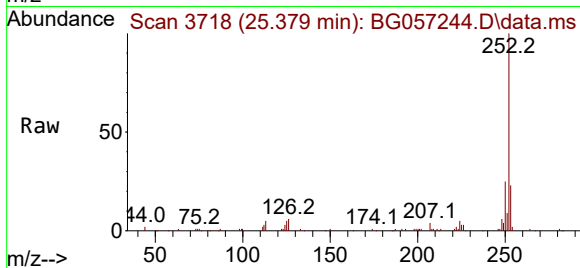
Tgt Ion:252 Resp: 161335

Ion Ratio Lower Upper

252 100

253 23.2 17.2 25.8

125 4.9 5.1 7.7#



#94

Indeno(1,2,3-cd)pyrene

Concen: 21.764 ng/ul

RT: 29.591 min Scan# 4435

Delta R.T. 0.000 min

Lab File: BG057244.D

Acq: 29 Apr 2023 10:40

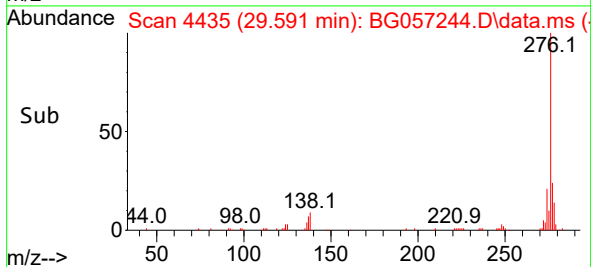
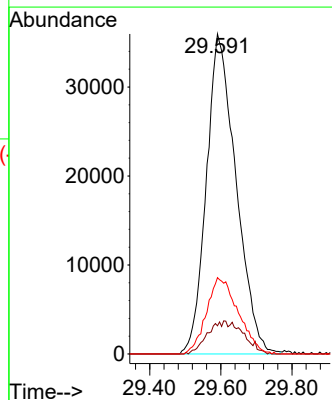
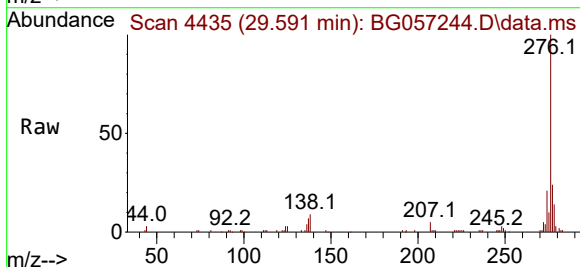
Tgt Ion:276 Resp: 208219

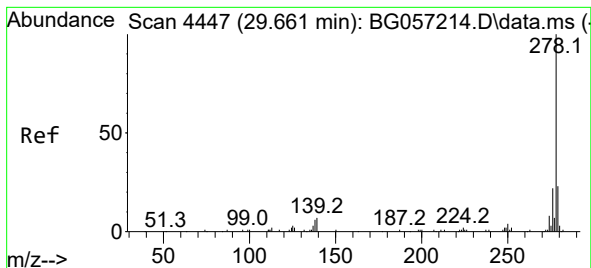
Ion Ratio Lower Upper

276 100

138 8.8 9.4 14.2#

277 23.9 18.6 28.0





#95

Dibenzo(a,h)anthracene

Concen: 22.004 ng/ul

RT: 29.655 min Scan# 4446

Delta R.T. -0.006 min

Lab File: BG057244.D

Acq: 29 Apr 2023 10:40

Instrument :

BNA_G

ClientSampleId :

SSTD020467

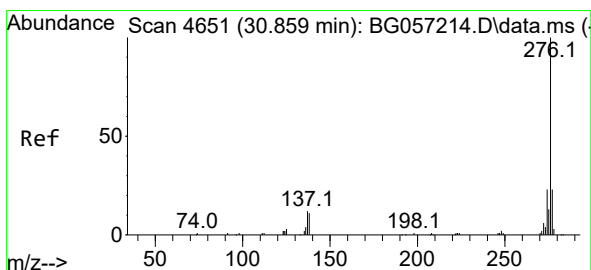
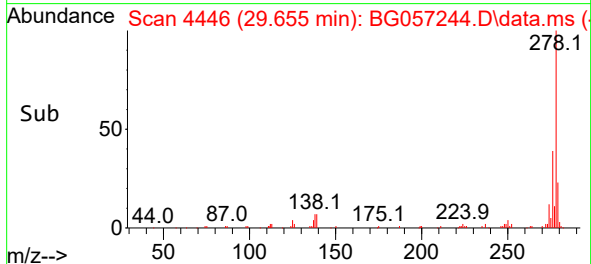
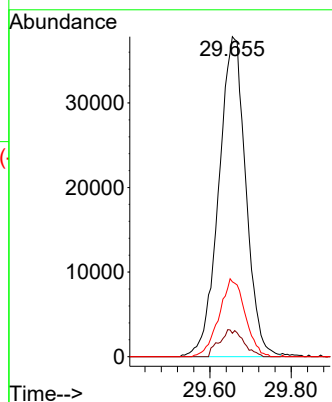
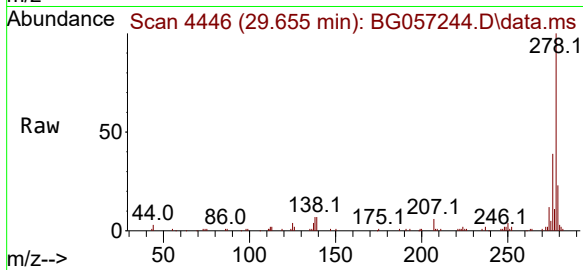
Tgt Ion:278 Resp: 174565

Ion Ratio Lower Upper

278 100

139 7.3 5.8 8.6

279 23.4 18.3 27.5



#96

Benzo(g,h,i)perylene

Concen: 11.807 ng/ul

RT: 30.865 min Scan# 4652

Delta R.T. 0.006 min

Lab File: BG057244.D

Acq: 29 Apr 2023 10:40

Tgt Ion:276 Resp: 91425

Ion Ratio Lower Upper

276 100

138 11.1 8.7 13.1

277 24.8 18.4 27.6

