

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
 Data File : BG057243.D
 Acq On : 29 Apr 2023 9:17
 Operator : CG/JU
 Sample : PB152400BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS400

Quant Time: May 01 00:30:11 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	8.380	152	16112	20.000	ng/u1	0.00
20) Naphthalene-d8	11.217	136	68536	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.988	164	53056	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.726	188	126810	20.000	ng/u1	0.00
79) Chrysene-d12	22.038	240	109006	20.000	ng/u1	# 0.00
88) Perylene-d12	25.551	264	115933	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.657	96	1541	4.209	ng/uL	0.00
4) Pyridine-d5	4.097	84	27374	23.715	ng/u1	0.00
7) Phenol-d5	7.516	99	46582	30.571	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.681	67	26303	29.349	ng/u1	0.00
11) 2-Chlorophenol-d4	7.904	132	32979	32.844	ng/u1	0.00
15) 4-Methylphenol-d8	9.079	113	37108	32.042	ng/u1	0.00
21) Nitrobenzene-d5	9.555	128	17861	32.725	ng/u1	0.00
24) 2-Nitrophenol-d4	10.283	143	22161	34.791	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.829	165	41817	34.028	ng/u1	0.00
31) 4-Chloroaniline-d4	11.340	131	44753	27.477	ng/u1	0.00
46) Dimethylphthalate-d6	14.378	166	134797	32.064	ng/u1	0.00
49) Acenaphthylene-d8	14.689	160	155138	32.834	ng/u1	0.00
54) 4-Nitrophenol-d4	15.171	143	19275	31.498	ng/u1	0.00
60) Fluorene-d10	15.975	176	124408	31.766	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.093	200	26573	35.368	ng/u1	0.00
73) Anthracene-d10	17.826	188	186842	32.279	ng/u1	0.00
81) Pyrene-d10	20.093	212	217577	33.627	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.304	264	201482	34.112	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.698	88	3654	9.411	ng/uL	97
5) Pyridine	4.115	79	28308	23.264	ng/u1	94
6) Benzaldehyde	7.505	77	27375	58.823	ng/u1	83
8) Phenol	7.540	94	45741	29.784	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.775	93	32937	28.656	ng/u1	96
12) 2-Chlorophenol	7.939	128	32664	30.970	ng/u1	96
13) 2-Methylphenol	8.814	108	34698	29.153	ng/u1	91
14) 2,2'-oxybis(1-Chloropr...	8.897	45	40609	27.403	ng/u1#	95
16) Acetophenone	9.208	105	58218	29.215	ng/u1	97
17) N-Nitroso-di-n-propyla...	9.179	70	33051	28.861	ng/u1	97
18) 4-Methylphenol	9.143	108	37742	29.296	ng/u1	92
19) Hexachloroethane	9.478	117	13751	31.162	ng/u1	93
22) Nitrobenzene	9.596	77	50628	31.151	ng/u1	97
23) Isophorone	10.119	82	91306	29.528	ng/u1	99
25) 2-Nitrophenol	10.312	139	21269	32.967	ng/u1	99
26) 2,4-Dimethylphenol	10.359	107	40364	27.579	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.594	93	47343	29.453	ng/u1	98
29) 2,4-Dichlorophenol	10.859	162	38299	32.834	ng/u1	97
30) Naphthalene	11.270	128	114397	30.400	ng/u1	98
32) 4-Chloroaniline	11.364	127	41128	24.234	ng/u1	96
33) Hexachlorobutadiene	11.540	225	32684	33.036	ng/u1	93
34) Caprolactam	12.122	113	8371	21.318	ng/u1	88
35) 4-Chloro-3-methylphenol	12.462	107	41880	31.205	ng/u1	97
36) 2-Methylnaphthalene	12.844	142	85413	30.951	ng/u1	98

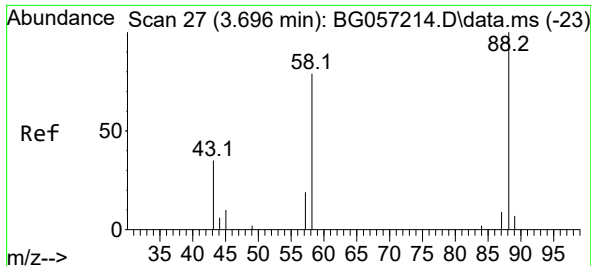
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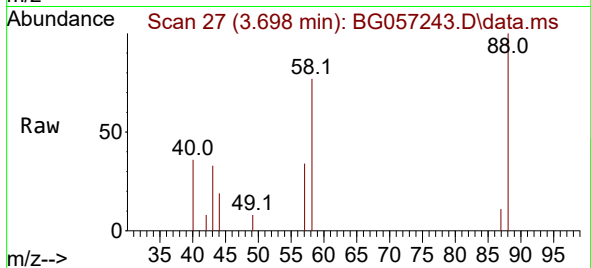
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.062	142	84710	30.528	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.203	216	61767	32.036	ng/ul	98
40) Hexachlorocyclopentadiene	13.179	237	22201	23.074	ng/ul	93
41) 2,4,6-Trichlorophenol	13.438	196	36424	32.437	ng/ul	95
42) 2,4,5-Trichlorophenol	13.514	196	39894	33.090	ng/ul	95
43) 1,1'-Biphenyl	13.825	154	122203	30.186	ng/ul	98
44) 2-Chloronaphthalene	13.878	162	97712	31.128	ng/ul	98
45) 2-Nitroaniline	14.072	65	30280	31.954	ng/ul	98
47) Dimethylphthalate	14.425	163	124874	29.579	ng/ul	99
48) 2,6-Dinitrotoluene	14.554	165	26940	31.008	ng/ul	96
50) Acenaphthylene	14.718	152	141974	29.568	ng/ul	98
51) 3-Nitroaniline	14.889	138	23417	38.039	ng/ul	98
52) Acenaphthene	15.053	153	100264	29.308	ng/ul	99
53) 2,4-Dinitrophenol	15.100	184	13720	29.654	ng/ul	95
55) 4-Nitrophenol	15.188	109	20122	29.007	ng/ul	91
56) Dibenzofuran	15.382	168	148882	30.137	ng/ul	96
57) 2,4-Dinitrotoluene	15.341	165	38252	30.755	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.611	232	33790	30.845	ng/ul	96
59) Diethylphthalate	15.770	149	125854	29.343	ng/ul	99
61) Fluorene	16.034	166	122936	29.429	ng/ul	99
62) 4-Chlorophenyl-phenyle...	16.011	204	73790	30.264	ng/ul	98
63) 4-Nitroaniline	16.046	138	23899	40.995	ng/ul	90
66) 4,6-Dinitro-2-methylph...	16.105	198	24090	31.465	ng/ul	98
67) N-Nitrosodiphenylamine	16.222	169	103222	31.161	ng/ul	97
68) 4-Bromophenyl-phenylether	16.904	248	49404	32.596	ng/ul	95
69) Hexachlorobenzene	17.033	284	51618	32.341	ng/ul	98
70) Atrazine	17.150	200	31647	21.496	ng/ul	97
71) Pentachlorophenol	17.379	266	22089	29.941	ng/ul	97
72) Phenanthrene	17.773	178	200141	30.308	ng/ul	99
74) Anthracene	17.861	178	199763	30.115	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.802	216	63032	33.047	ng/uL	97
76) Pentachlorobenzene	15.306	250	63876	32.901	ng/uL	98
77) Carbazole	18.125	167	168769	30.445	ng/ul	98
78) Di-n-butylphthalate	18.642	149	197070	31.088	ng/ul	100
80) Fluoranthene	19.758	202	240045	31.232	ng/ul	97
82) Pyrene	20.123	202	237919	30.578	ng/ul	98
83) Butylbenzylphthalate	20.974	149	81032	32.520	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.914	252	87597	36.184	ng/ul	96
85) Benzo(a)anthracene	22.014	228	241880	31.374	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.862	149	116831	32.238	ng/ul	95
87) Chrysene	22.091	228	225323	30.978	ng/ul	97
89) Di-n-octyl phthalate	23.166	149	194260	30.343	ng/ul	100
90) Benzo(b)fluoranthene	24.423	252	248007	30.892	ng/ul#	98
91) Benzo(k)fluoranthene	24.499	252	241431	30.911	ng/ul	99
93) Benzo(a)pyrene	25.386	252	213885	30.859	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	29.610	276	273028	31.513	ng/ul#	96
95) Dibenzo(a,h)anthracene	29.663	278	230022	32.018	ng/ul	97
96) Benzo(g,h,i)perylene	30.879	276	220621	31.464	ng/ul	97

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

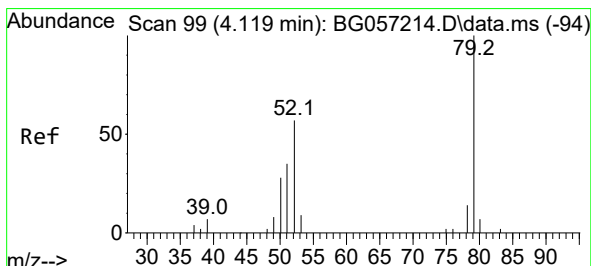
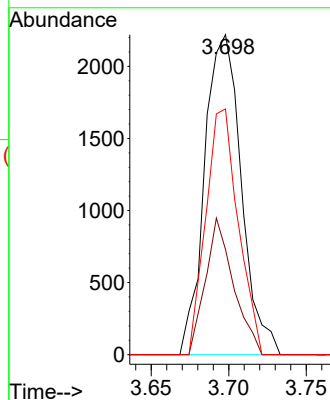
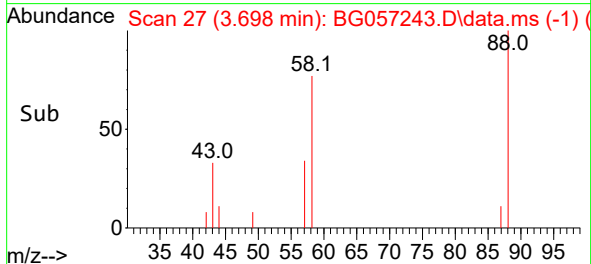


#2
1,4-Dioxane
Concen: 9.411 ng/uL
RT: 3.698 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG057243.D
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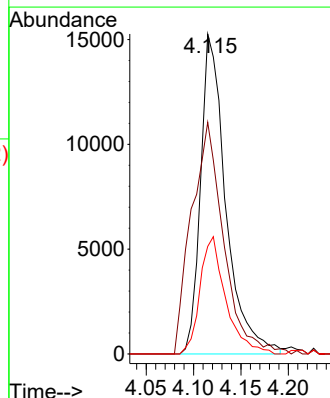
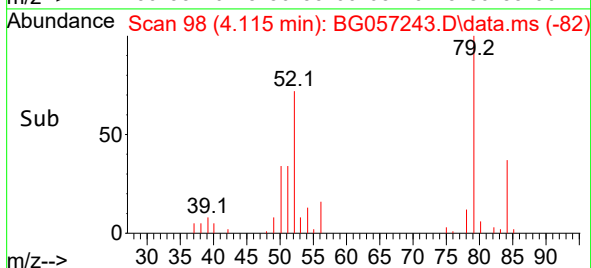
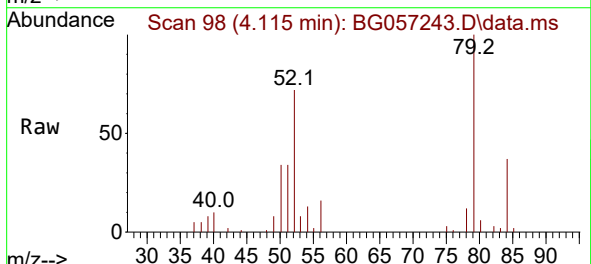


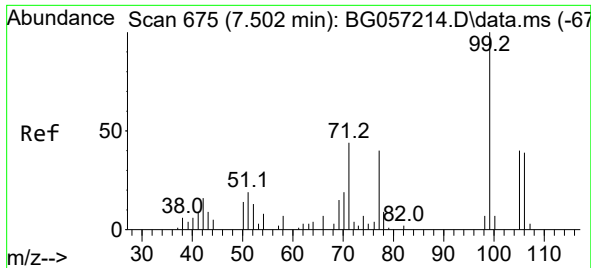
Tgt Ion:	88	Resp:	3654
Ion	Ratio	Lower	Upper
88	100		
43	32.9	28.2	42.4
58	76.8	63.3	94.9



#5
Pyridine
Concen: 23.264 ng/uL
RT: 4.115 min Scan# 98
Delta R.T. -0.004 min
Lab File: BG057243.D
Acq: 29 Apr 2023 9:17

Tgt Ion:	79	Resp:	28308
Ion	Ratio	Lower	Upper
79	100		
52	72.4	62.4	93.6
51	33.6	29.0	43.4

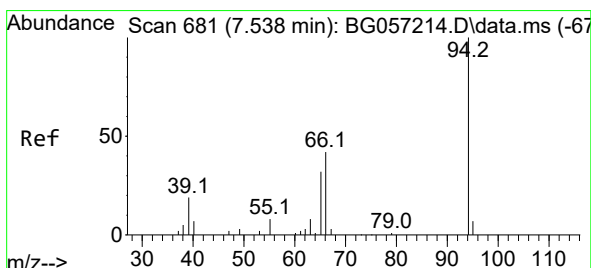
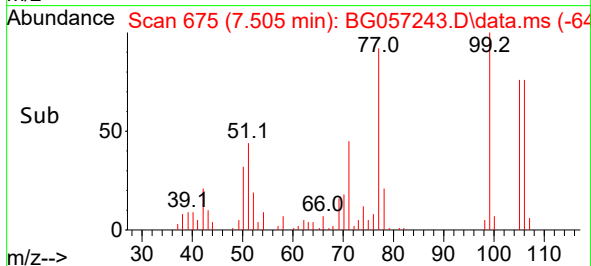
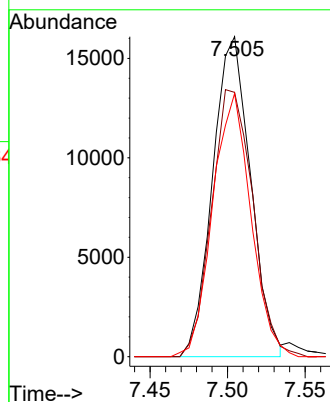
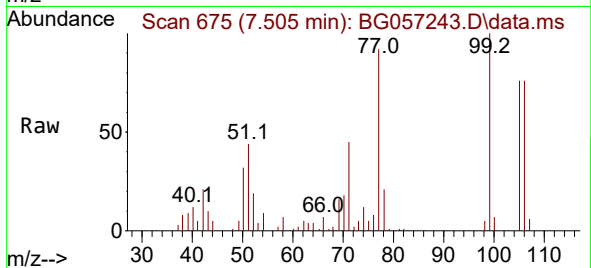




#6
Benzaldehyde
Concen: 58.823 ng/ul
RT: 7.505 min Scan# 675
Delta R.T. 0.002 min
Lab File: BG057243.D
Acq: 29 Apr 2023 9:17

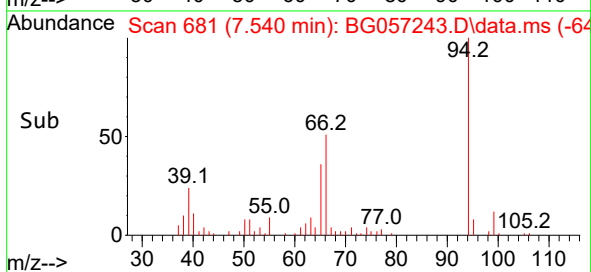
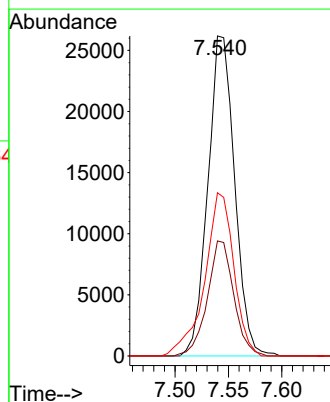
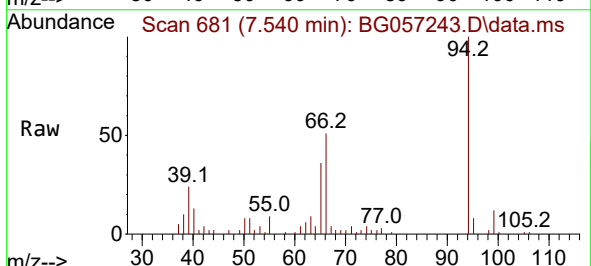
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BNA_G
ClientSampleId :
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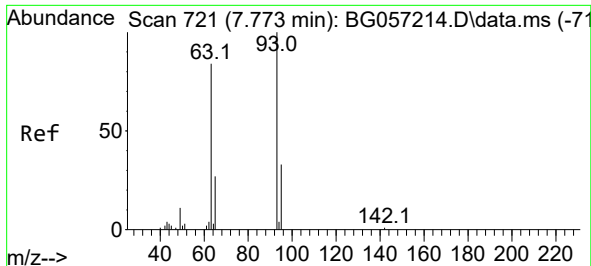
Tgt Ion: 77 Resp: 27375
Ion Ratio Lower Upper
77 100
105 82.6 79.8 119.6
106 82.3 78.7 118.1



#8
Phenol
Concen: 29.784 ng/ul
RT: 7.540 min Scan# 681
Delta R.T. 0.002 min
Lab File: BG057243.D
Acq: 29 Apr 2023 9:17

Tgt Ion: 94 Resp: 45741
Ion Ratio Lower Upper
94 100
65 35.9 25.5 38.3
66 51.0 36.9 55.3

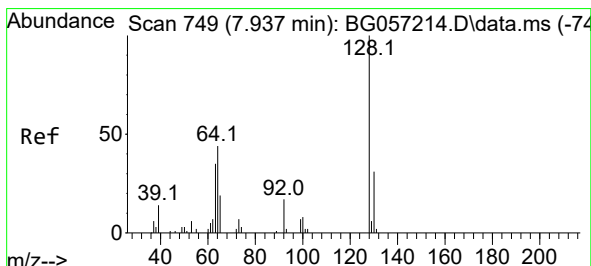
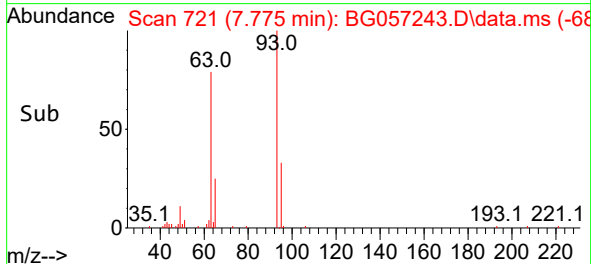
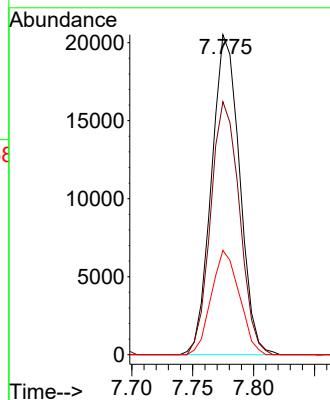
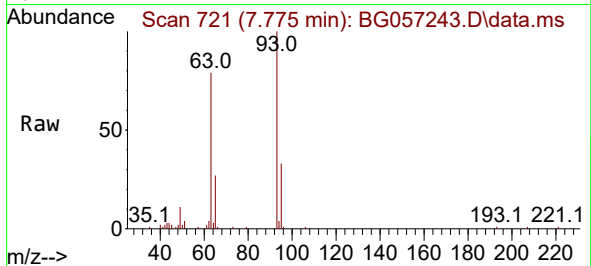




#10
Bis(2-Chloroethyl)ether
Concen: 28.656 ng/ul
RT: 7.775 min Scan# 71
Delta R.T. 0.002 min
Lab File: BG057243.D
Acq: 29 Apr 2023 9:17

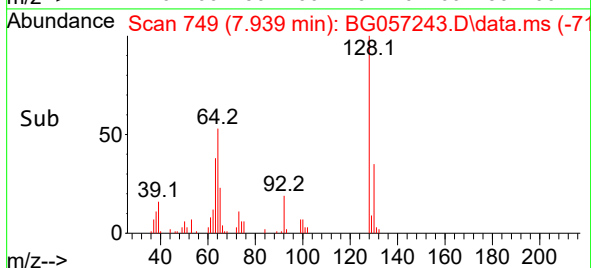
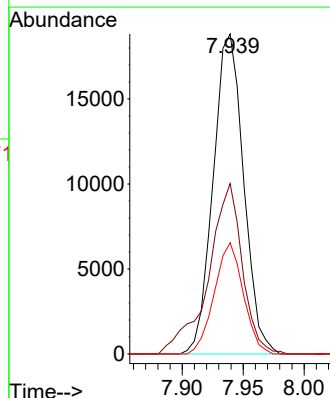
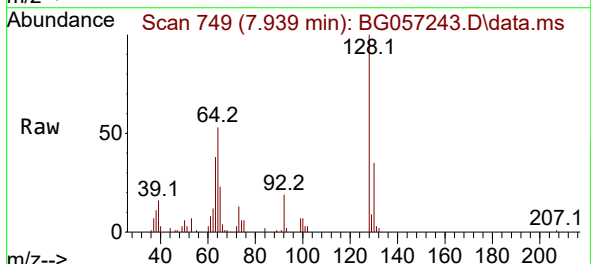
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ClientSampleId :
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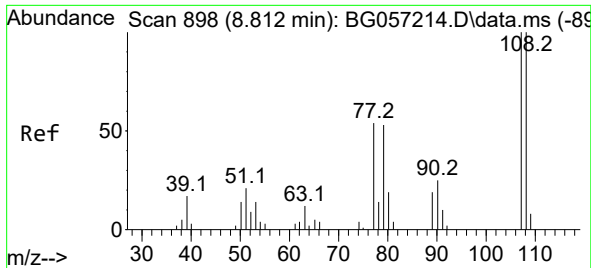
Tgt Ion: 93 Resp: 32937
Ion Ratio Lower Upper
93 100
63 79.1 67.2 100.8
95 32.6 26.3 39.5



#12
2-Chlorophenol
Concen: 30.970 ng/ul
RT: 7.939 min Scan# 749
Delta R.T. 0.002 min
Lab File: BG057243.D
Acq: 29 Apr 2023 9:17

Tgt Ion:128 Resp: 32664
Ion Ratio Lower Upper
128 100
64 53.3 41.3 61.9
130 34.7 24.6 37.0

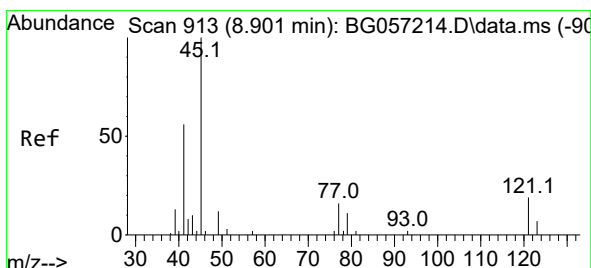
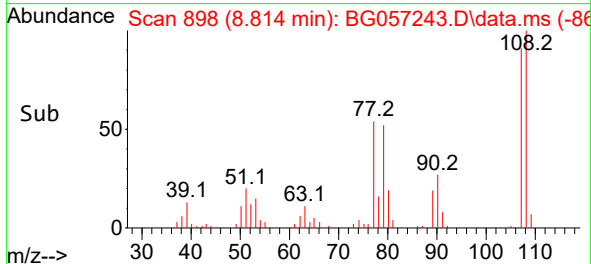
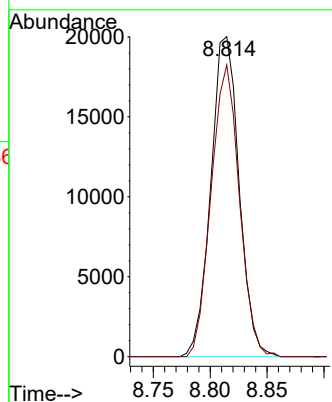
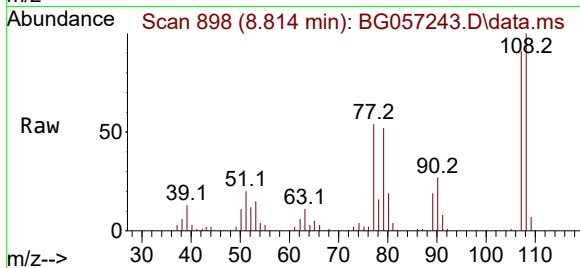




#13
2-Methylphenol
Concen: 29.153 ng/ul
RT: 8.814 min Scan# 898
Delta R.T. 0.002 min
Lab File: BG057243.D
Acq: 29 Apr 2023 9:17

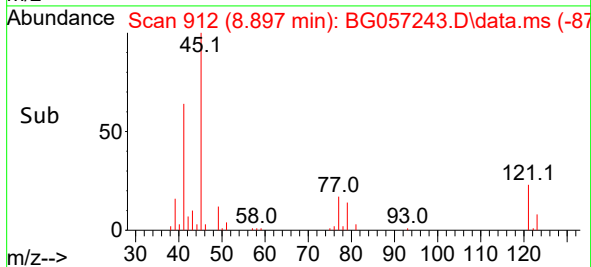
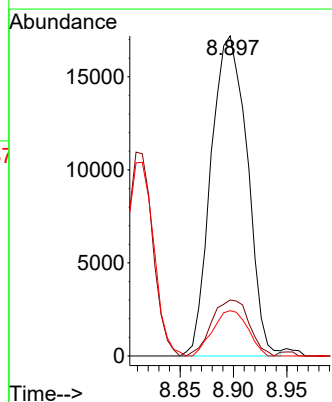
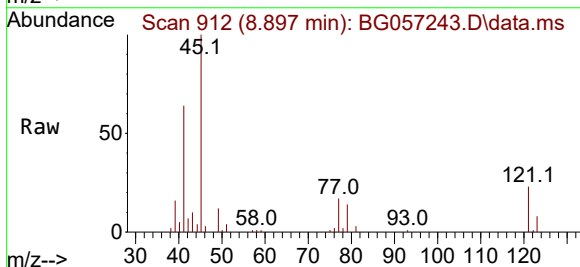
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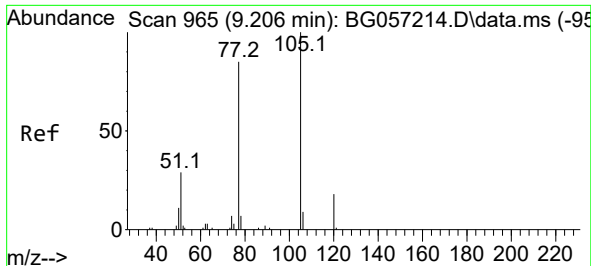
Tgt Ion:108 Resp: 34698
Ion Ratio Lower Upper
108 100
107 91.2 80.0 120.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 27.403 ng/ul
RT: 8.897 min Scan# 912
Delta R.T. -0.004 min
Lab File: BG057243.D
Acq: 29 Apr 2023 9:17

Tgt Ion: 45 Resp: 40609
Ion Ratio Lower Upper
45 100
77 17.5 12.9 19.3
79 14.2 8.9 13.3#

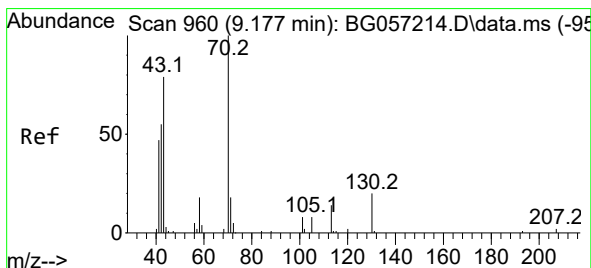
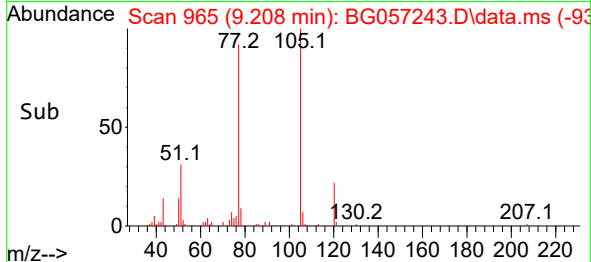
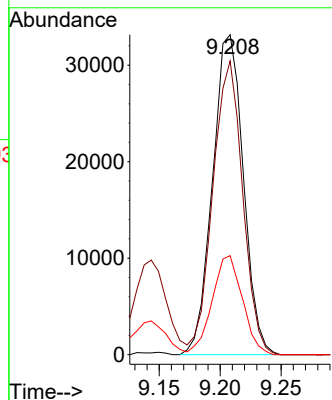
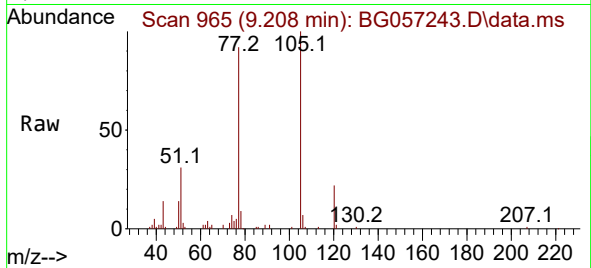




#16
Acetophenone
Concen: 29.215 ng/ul
RT: 9.208 min Scan# 90
Delta R.T. 0.002 min
Lab File: BG057243.D
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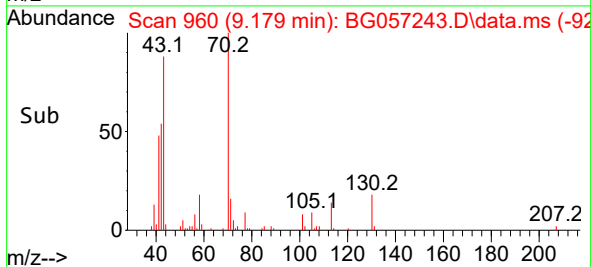
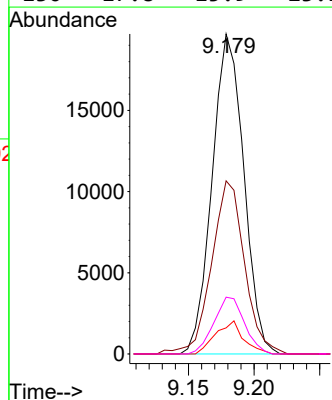
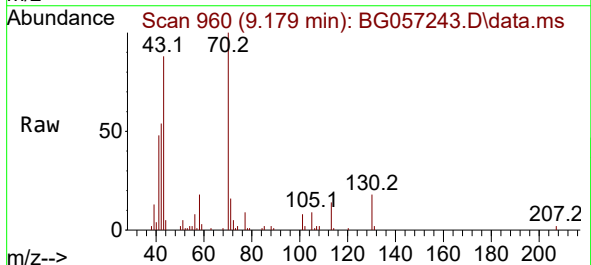
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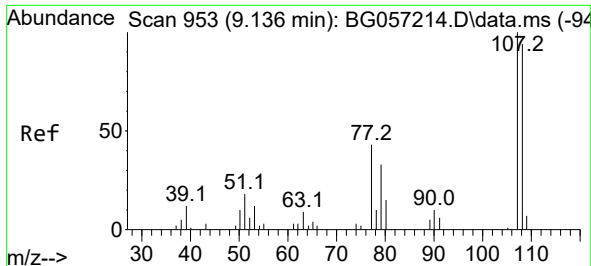
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Ion Ratio Lower Upper
105 100
77 91.8 70.6 105.8
51 31.0 24.5 36.7



#17
N-Nitroso-di-n-propylamine
Concen: 28.861 ng/ul
RT: 9.179 min Scan# 960
Delta R.T. 0.002 min
Lab File: BG057243.D
Acq: 29 Apr 2023 9:17

Tgt Ion: 70 Resp: 33051
Ion Ratio Lower Upper
70 100
42 54.1 45.0 67.4
101 8.2 6.5 9.7
130 17.8 15.9 23.9

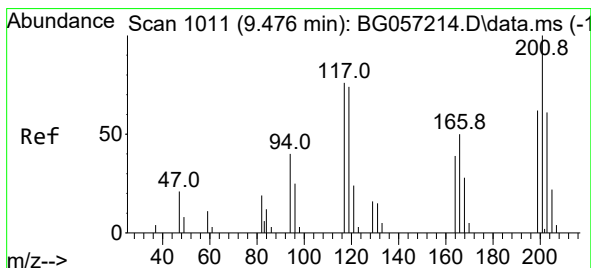
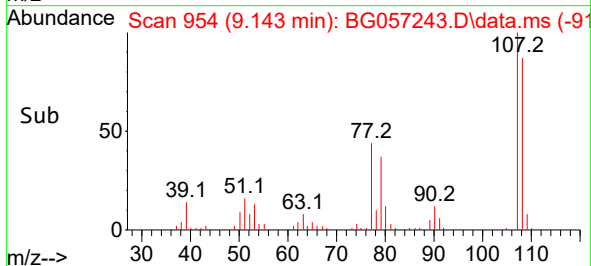
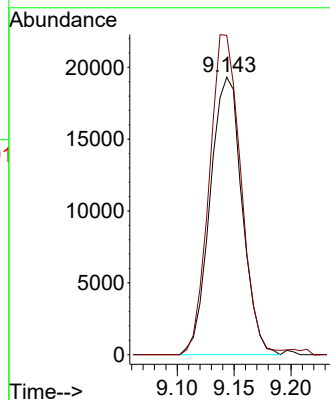
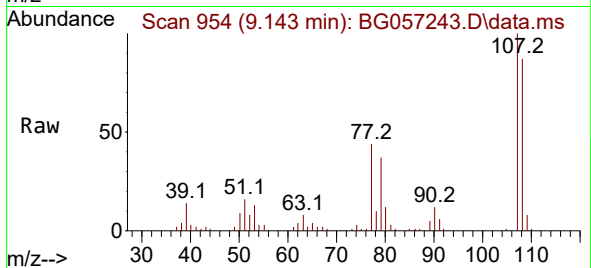




#18
4-Methylphenol
Concen: 29.296 ng/ul
RT: 9.143 min Scan# 911
Delta R.T. 0.008 min
Lab File: BG057243.D
Acq: 29 Apr 2023 9:17

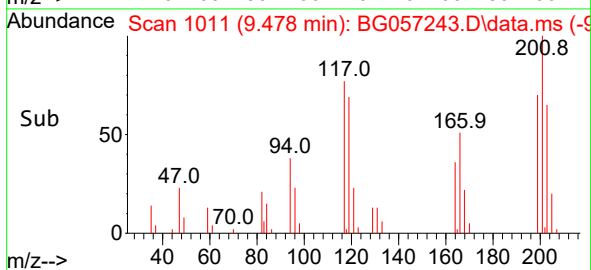
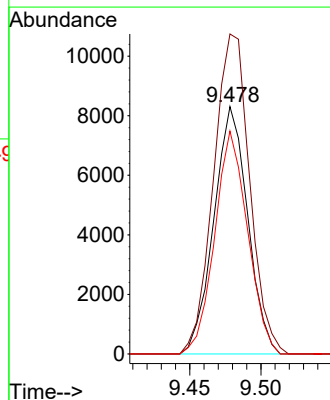
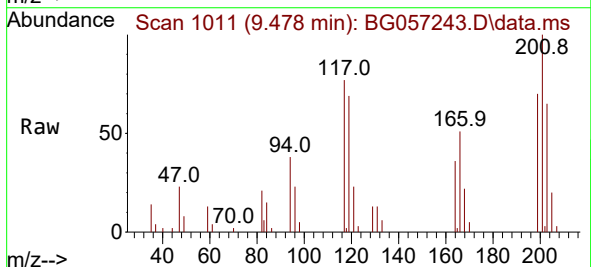
Instrument :
BNA_G
ClientSampleId :
SLCS400

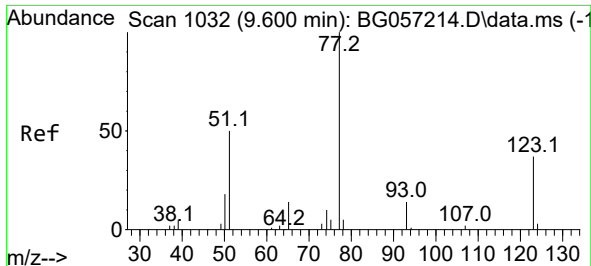
Tgt Ion:108 Resp: 37742
Ion Ratio Lower Upper
108 100
107 115.1 85.1 127.7



#19
Hexachloroethane
Concen: 31.162 ng/ul
RT: 9.478 min Scan# 1011
Delta R.T. 0.002 min
Lab File: BG057243.D
Acq: 29 Apr 2023 9:17

Tgt Ion:117 Resp: 13751
Ion Ratio Lower Upper
117 100
201 129.4 109.4 164.2
199 90.1 65.4 98.2





#22

Nitrobenzene

Concen: 31.151 ng/ul

RT: 9.596 min Scan# 1103

Delta R.T. -0.004 min

Lab File: BG057243.D

Acq: 29 Apr 2023 9:17

Instrument :

BNA_G

ClientSampleId :

SLCS400

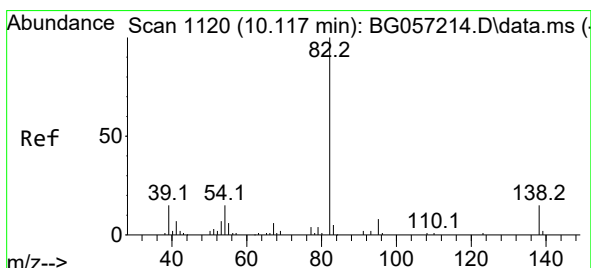
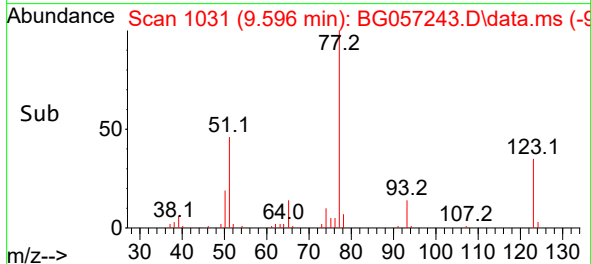
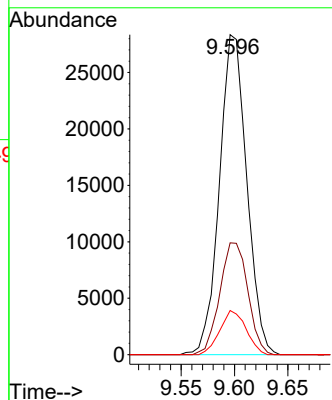
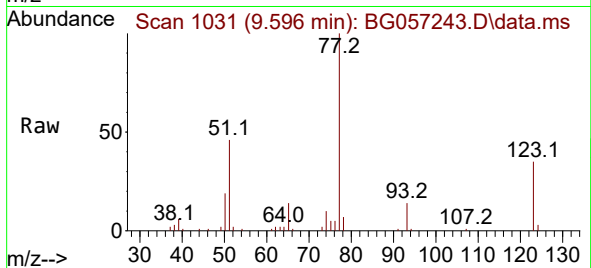
Tgt Ion: 77 Resp: 50628

Ion Ratio Lower Upper

77 100

123 35.0 29.6 44.4

65 13.8 11.4 17.0



#23

Isophorone

Concen: 29.528 ng/ul

RT: 10.119 min Scan# 1120

Delta R.T. 0.002 min

Lab File: BG057243.D

Acq: 29 Apr 2023 9:17

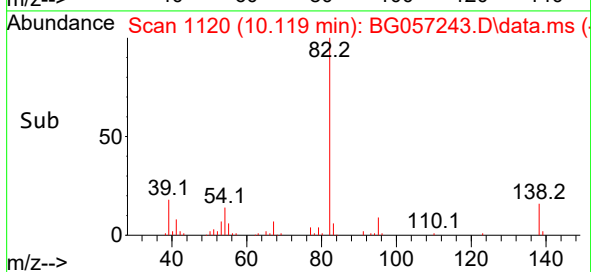
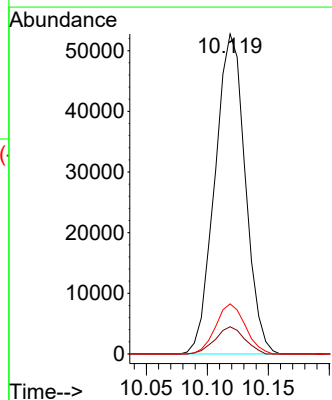
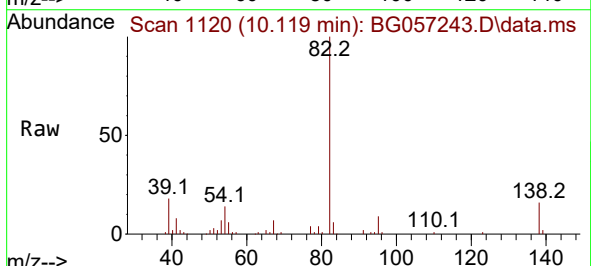
Tgt Ion: 82 Resp: 91306

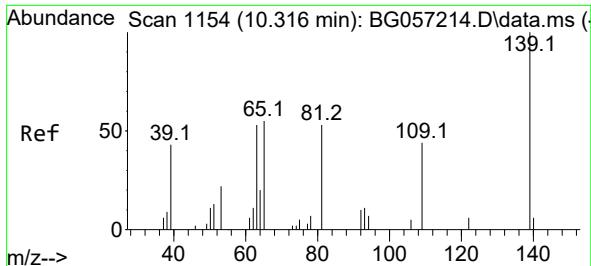
Ion Ratio Lower Upper

82 100

95 8.5 6.8 10.2

138 15.7 12.2 18.2

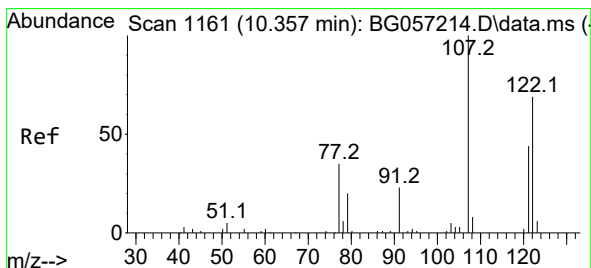
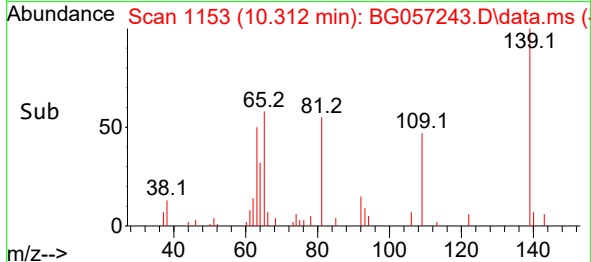
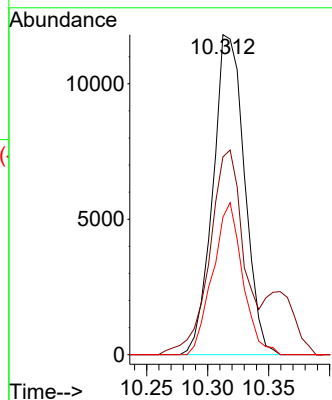
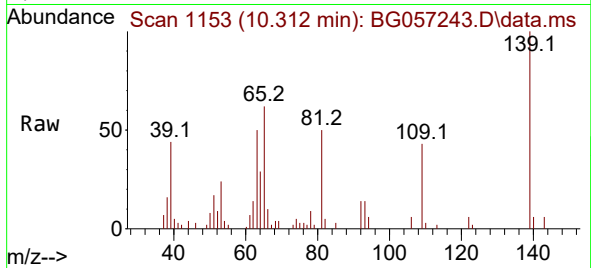




#25
2-Nitrophenol
Concen: 32.967 ng/ul
RT: 10.312 min Scan# 1153
Delta R.T. -0.004 min
Lab File: BG057243.D
Acq: 29 Apr 2023 9:17

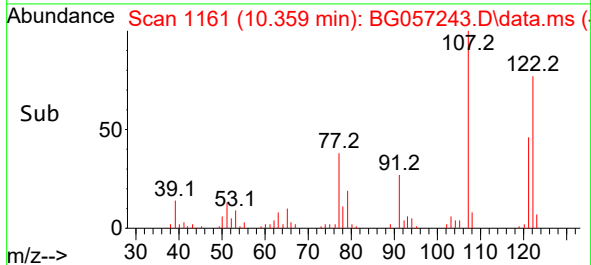
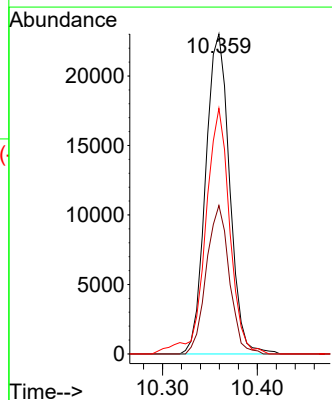
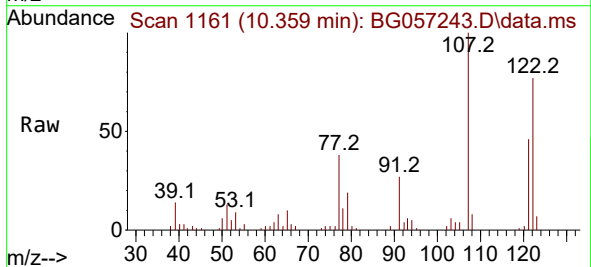
Instrument :
BNA_G
ClientSampleId :
SLCS400

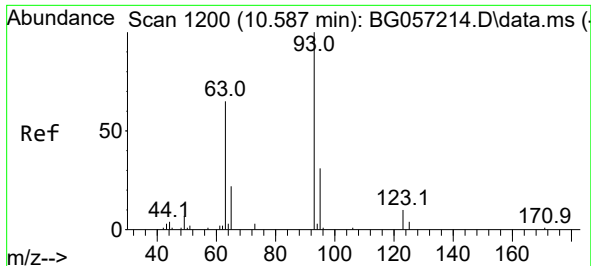
Tgt Ion:139 Resp: 21269
Ion Ratio Lower Upper
139 100
65 61.8 48.7 73.1
109 43.0 35.2 52.8



#26
2,4-Dimethylphenol
Concen: 27.579 ng/ul
RT: 10.359 min Scan# 1161
Delta R.T. 0.002 min
Lab File: BG057243.D
Acq: 29 Apr 2023 9:17

Tgt Ion:107 Resp: 40364
Ion Ratio Lower Upper
107 100
121 46.4 35.4 53.0
122 76.8 57.0 85.4





#27

Bis(2-Chloroethoxy)methane

Concen: 29.453 ng/ul

RT: 10.594 min Scan# 1201

Delta R.T. 0.008 min

Lab File: BG057243.D

Acq: 29 Apr 2023 9:17

Instrument :

BNA_G

ClientSampleId :

SLCS400

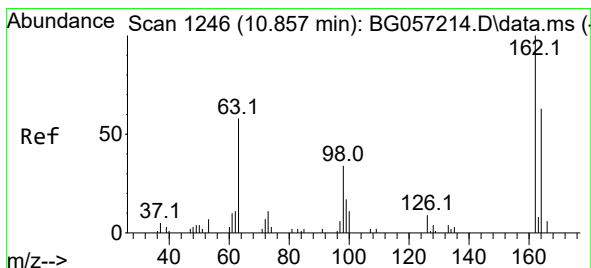
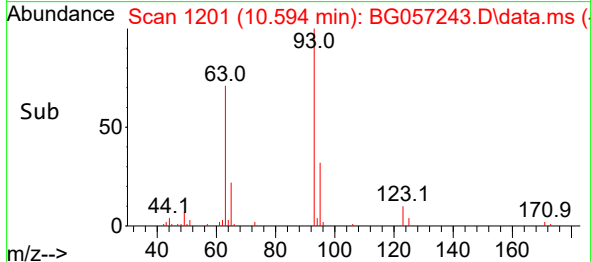
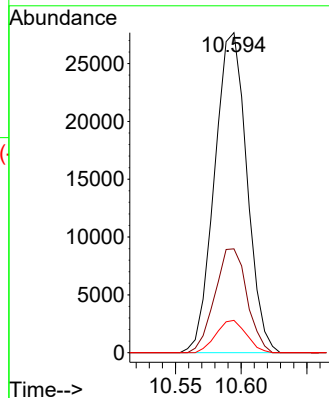
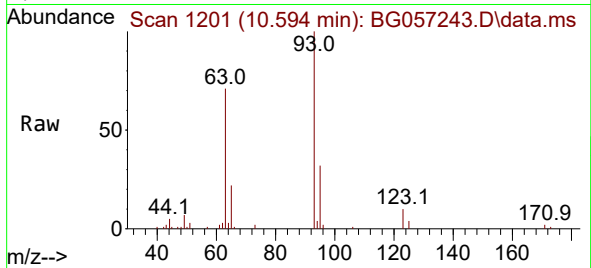
Tgt Ion: 93 Resp: 47343

Ion Ratio Lower Upper

93 100

95 32.5 24.8 37.2

123 10.1 8.1 12.1



#29

2,4-Dichlorophenol

Concen: 32.834 ng/ul

RT: 10.859 min Scan# 1246

Delta R.T. 0.002 min

Lab File: BG057243.D

Acq: 29 Apr 2023 9:17

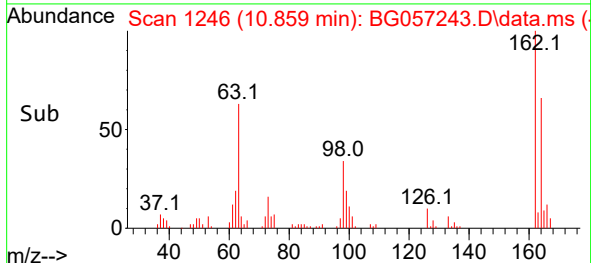
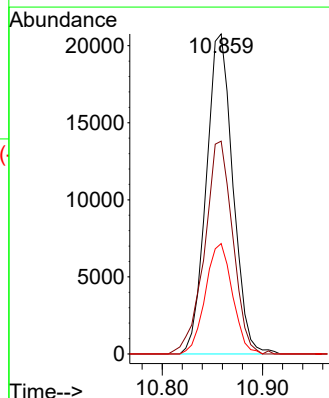
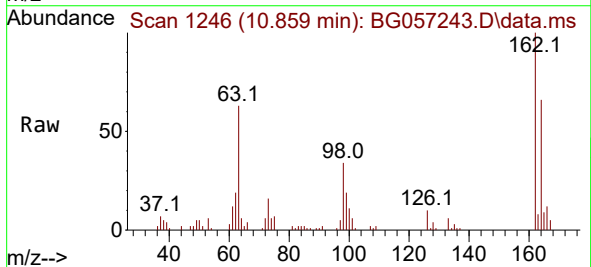
Tgt Ion:162 Resp: 38299

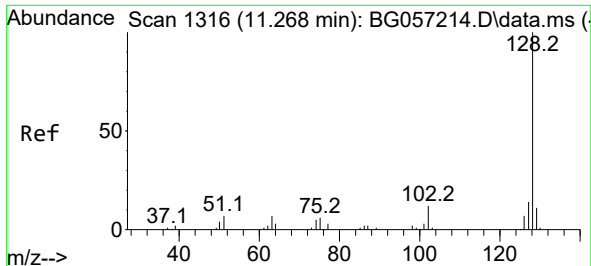
Ion Ratio Lower Upper

162 100

164 66.5 50.5 75.7

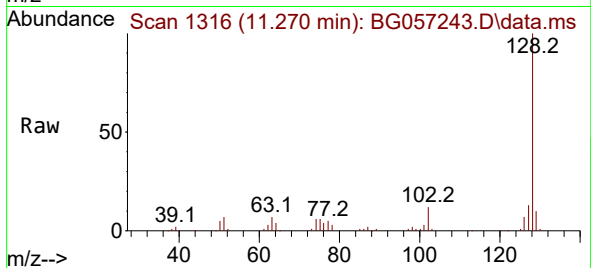
98 34.5 27.5 41.3



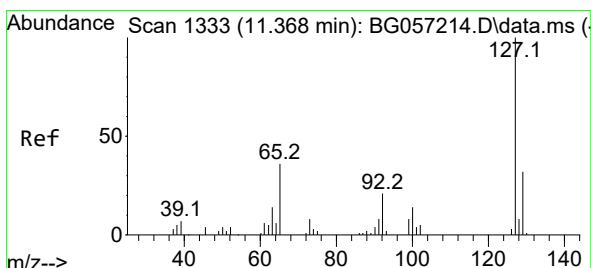
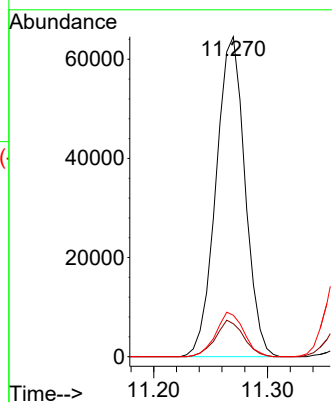
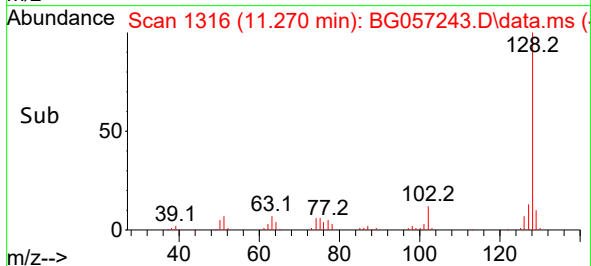


#30
Naphthalene
Concen: 30.400 ng/ul
RT: 11.270 min Scan# 111
Delta R.T. 0.002 min
Lab File: BG057243.D
Acq: 29 Apr 2023 9:17

Instrument :
BNA_G
ClientSampleId :
SLCS400

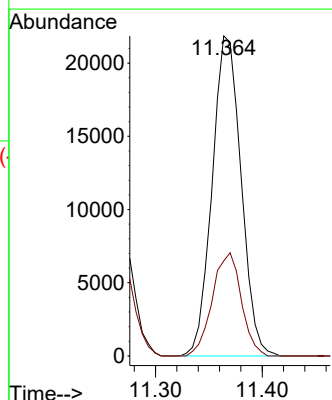
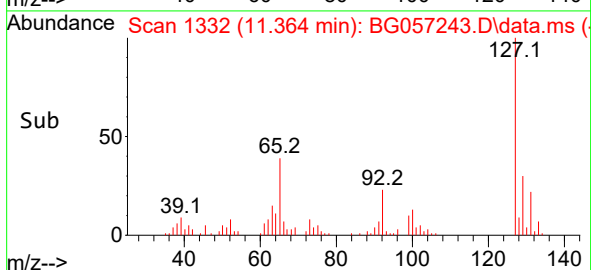
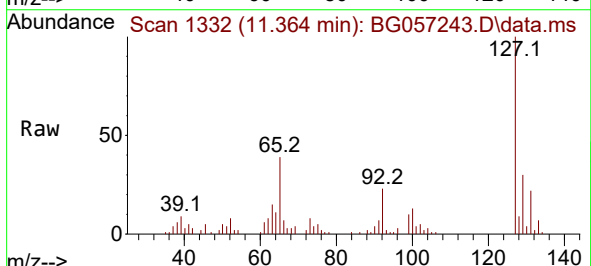


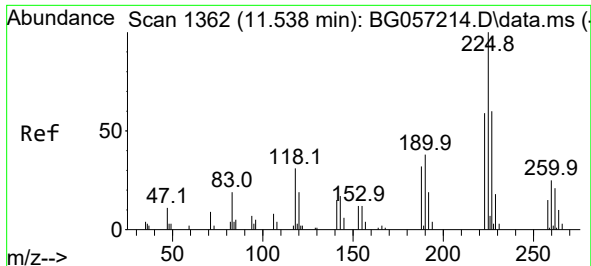
Tgt Ion:128 Resp: 114397
Ion Ratio Lower Upper
128 100
129 10.3 8.5 12.7
127 12.9 11.4 17.0



#32
4-Chloroaniline
Concen: 24.234 ng/ul
RT: 11.364 min Scan# 1332
Delta R.T. -0.004 min
Lab File: BG057243.D
Acq: 29 Apr 2023 9:17

Tgt Ion:127 Resp: 41128
Ion Ratio Lower Upper
127 100
129 29.7 25.4 38.0

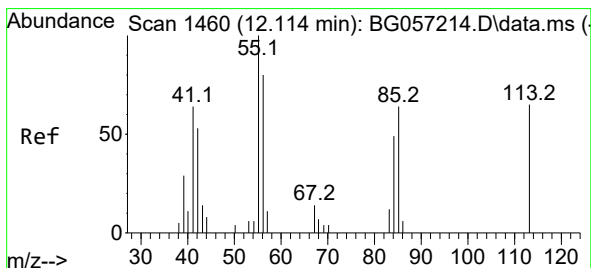
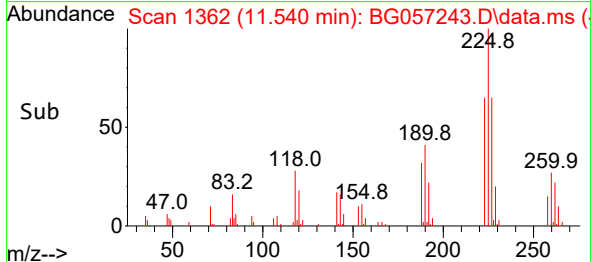
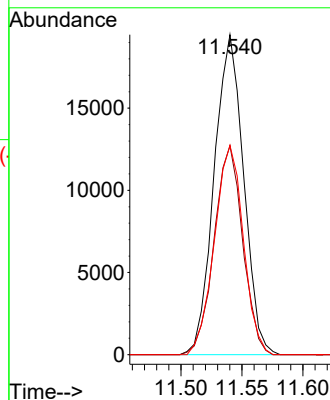
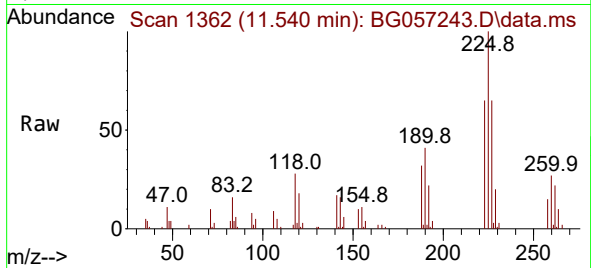




#33
Hexachlorobutadiene
Concen: 33.036 ng/ul
RT: 11.540 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG057243.D
Acq: 29 Apr 2023 9:17

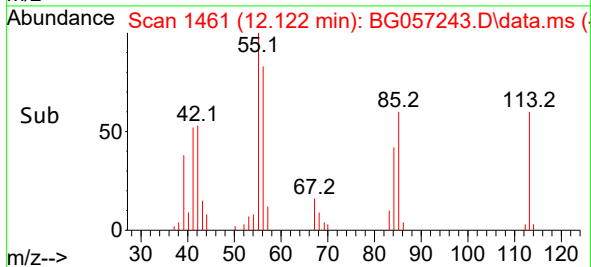
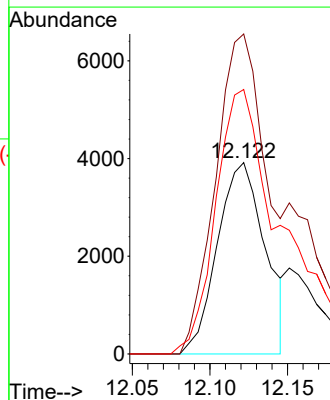
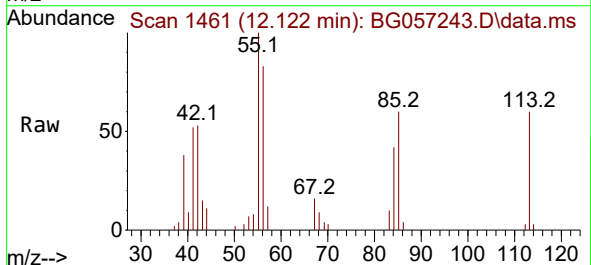
Instrument :
BNA_G
ClientSampleId :
SLCS400

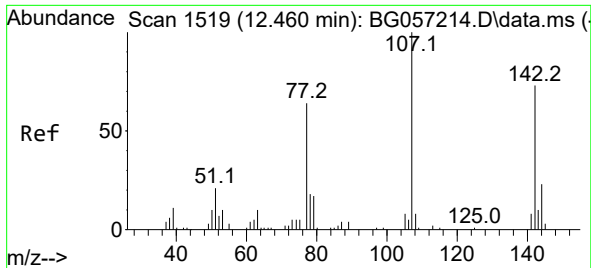
Tgt Ion:225 Resp: 32684
Ion Ratio Lower Upper
225 100
223 65.3 47.5 71.3
227 65.4 48.4 72.6



#34
Caprolactam
Concen: 21.318 ng/ul
RT: 12.122 min Scan# 1461
Delta R.T. 0.008 min
Lab File: BG057243.D
Acq: 29 Apr 2023 9:17

Tgt Ion:113 Resp: 8371
Ion Ratio Lower Upper
113 100
55 167.2 123.1 184.7
56 138.2 98.7 148.1

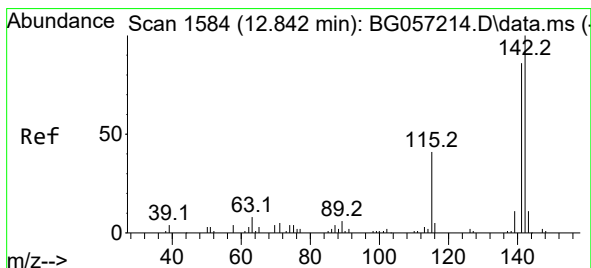
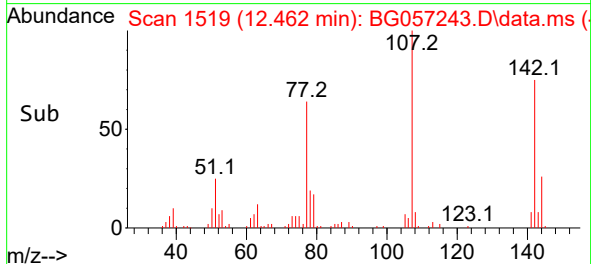
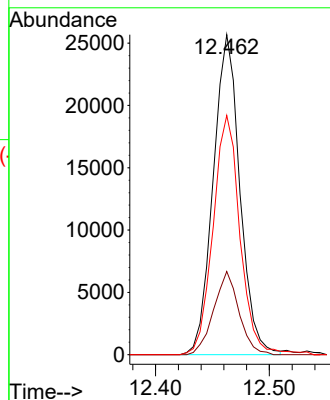
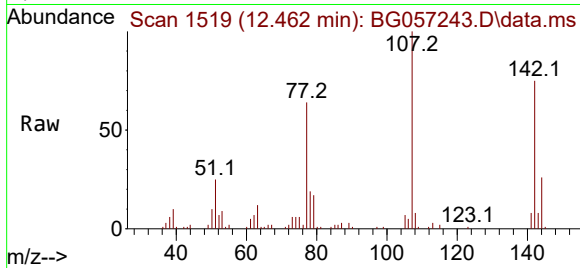




#35
 4-Chloro-3-methylphenol
 Concen: 31.205 ng/ul
 RT: 12.462 min Scan# 1519
 Delta R.T. 0.002 min
 Lab File: BG057243.D
 Acq: 29 Apr 2023 9:17

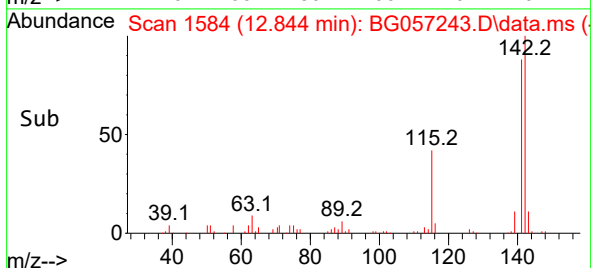
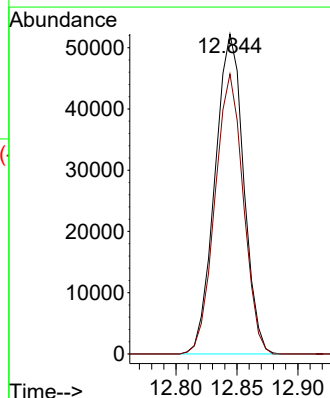
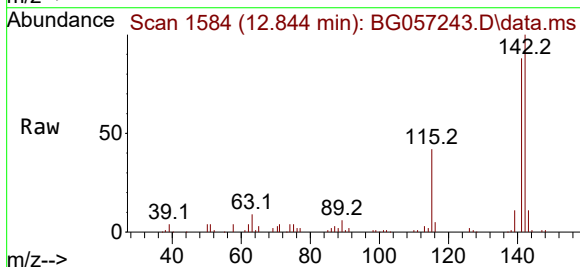
Instrument :
 BNA_G
 ClientSampleId :
 SLCS400

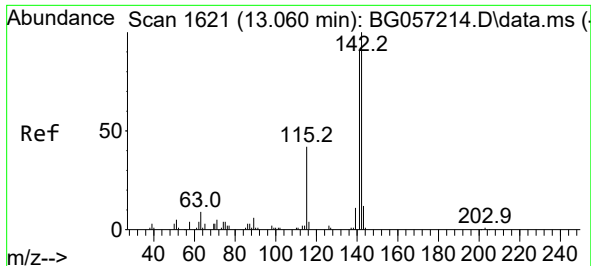
Tgt Ion:107 Resp: 41880
 Ion Ratio Lower Upper
 107 100
 144 26.0 18.3 27.5
 142 74.8 58.6 88.0



#36
 2-Methylnaphthalene
 Concen: 30.951 ng/ul
 RT: 12.844 min Scan# 1584
 Delta R.T. 0.002 min
 Lab File: BG057243.D
 Acq: 29 Apr 2023 9:17

Tgt Ion:142 Resp: 85413
 Ion Ratio Lower Upper
 142 100
 141 87.5 68.7 103.1





#37

1-Methylnaphthalene

Concen: 30.528 ng/ul

RT: 13.062 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG057243.D

Acq: 29 Apr 2023 9:17

Instrument :

BNA_G

ClientSampleId :

SLCS400

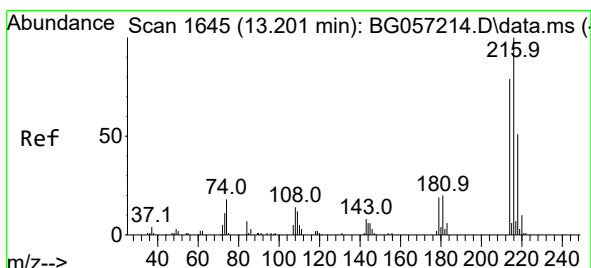
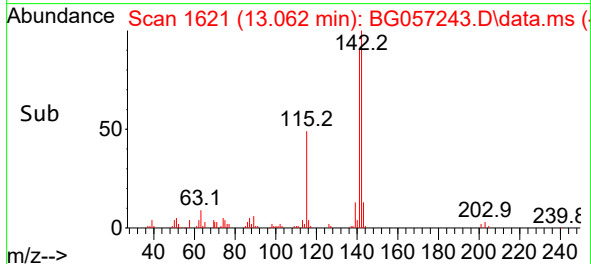
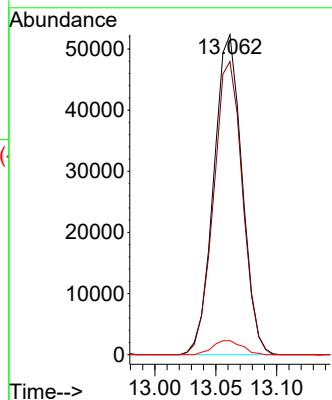
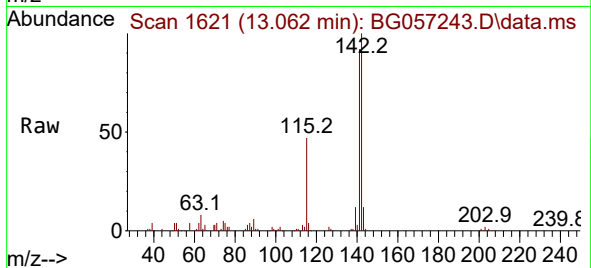
Tgt Ion:142 Resp: 84710

Ion Ratio Lower Upper

142 100

141 91.6 72.9 109.3

116 4.4 3.2 4.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.036 ng/ul

RT: 13.203 min Scan# 1645

Delta R.T. 0.002 min

Lab File: BG057243.D

Acq: 29 Apr 2023 9:17

Tgt Ion:216 Resp: 61767

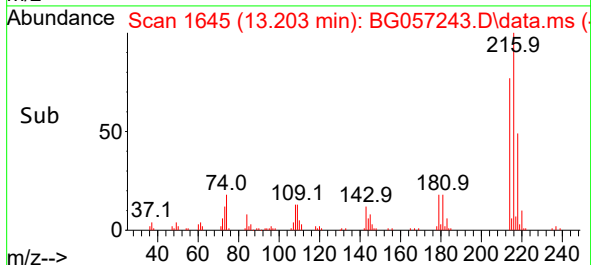
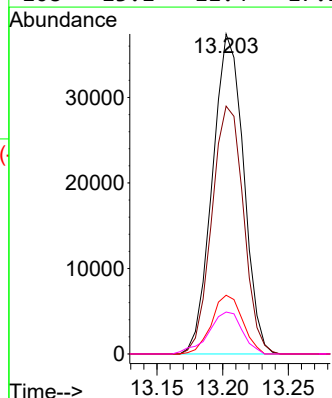
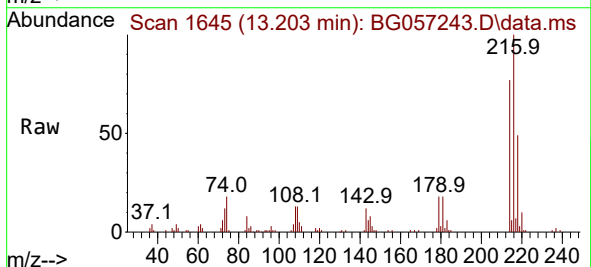
Ion Ratio Lower Upper

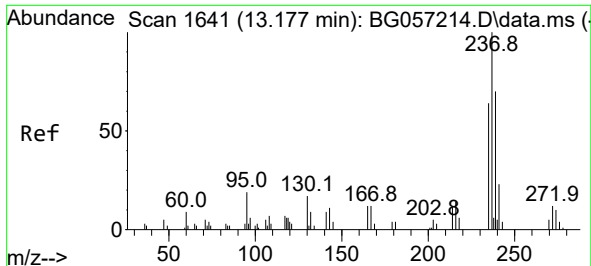
216 100

214 77.4 62.9 94.3

179 18.4 15.3 22.9

108 13.1 11.4 17.2

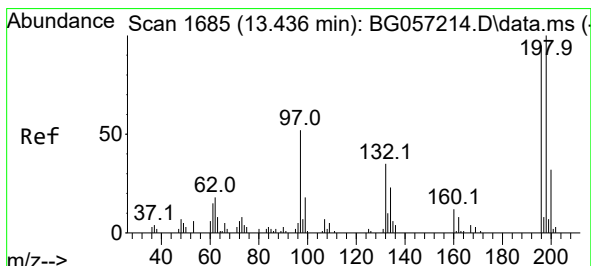
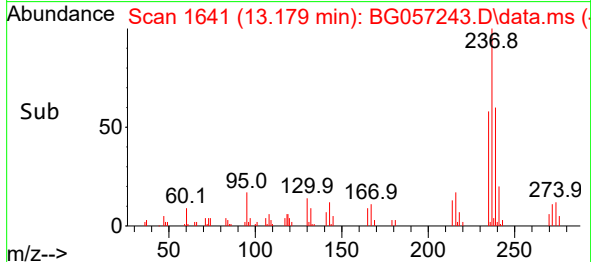
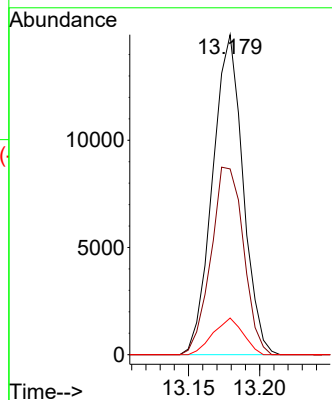
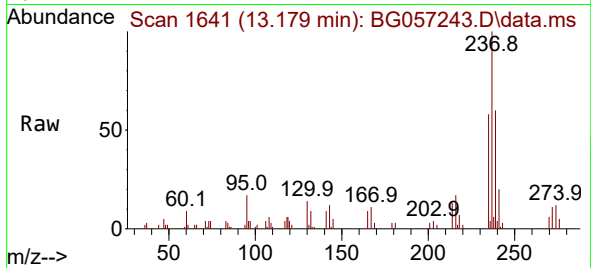




#40
Hexachlorocyclopentadiene
Concen: 23.074 ng/ul
RT: 13.179 min Scan# 1641
Delta R.T. 0.002 min
Lab File: BG057243.D
Acq: 29 Apr 2023 9:17

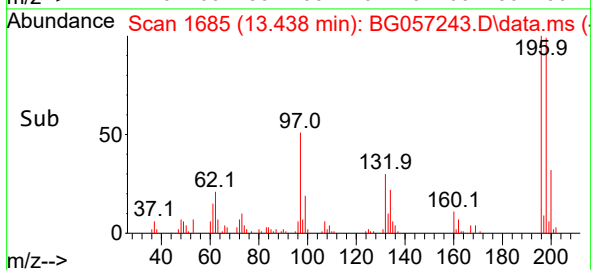
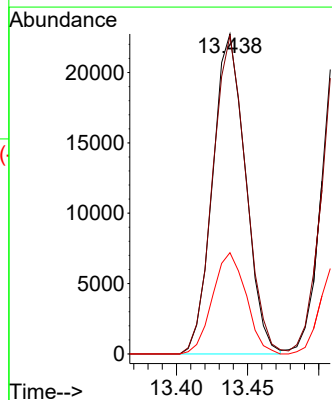
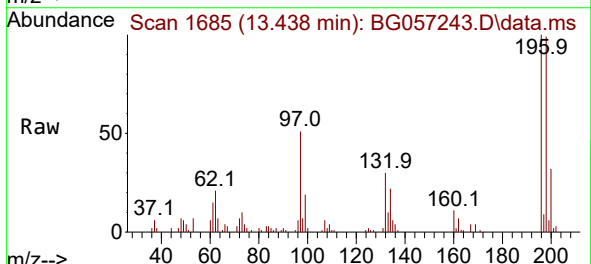
Instrument :
BNA_G
ClientSampleId :
SLCS400

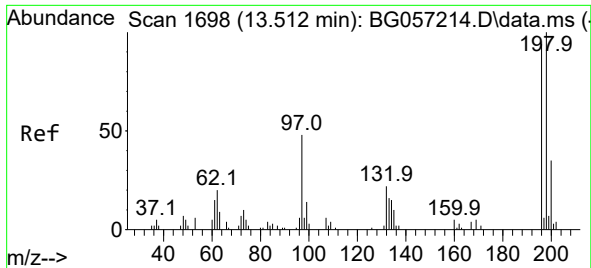
Tgt Ion:237 Resp: 22201
Ion Ratio Lower Upper
237 100
235 58.1 51.4 77.0
272 11.4 9.4 14.2



#41
2,4,6-Trichlorophenol
Concen: 32.437 ng/ul
RT: 13.438 min Scan# 1685
Delta R.T. 0.002 min
Lab File: BG057243.D
Acq: 29 Apr 2023 9:17

Tgt Ion:196 Resp: 36424
Ion Ratio Lower Upper
196 100
198 99.4 83.8 125.8
200 31.7 26.6 40.0

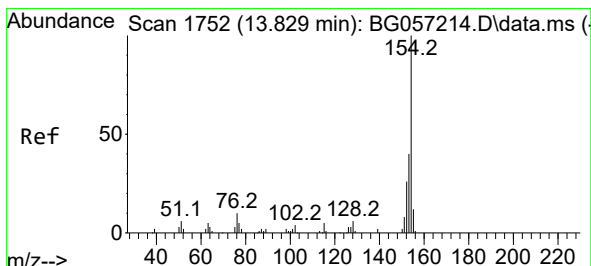
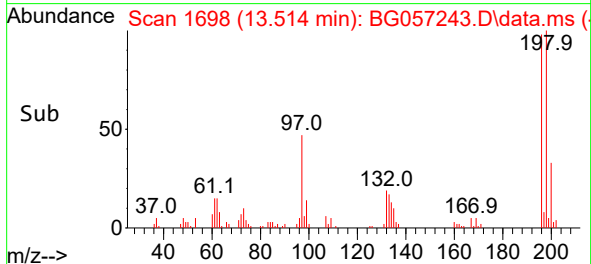
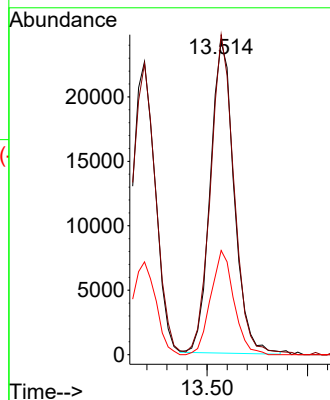
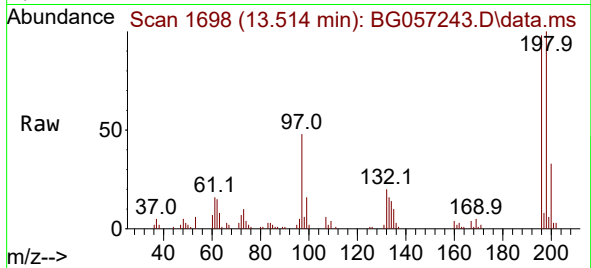




#42
2,4,5-Trichlorophenol
Concen: 33.090 ng/ul
RT: 13.514 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG057243.D
Acq: 29 Apr 2023 9:17

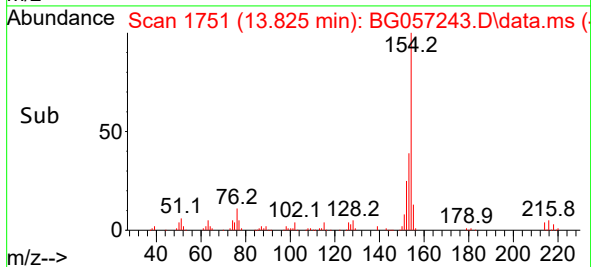
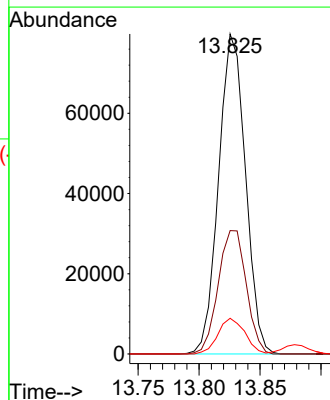
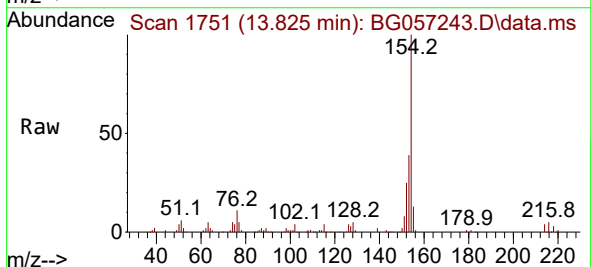
Instrument :
BNA_G
ClientSampleId :
SLCS400

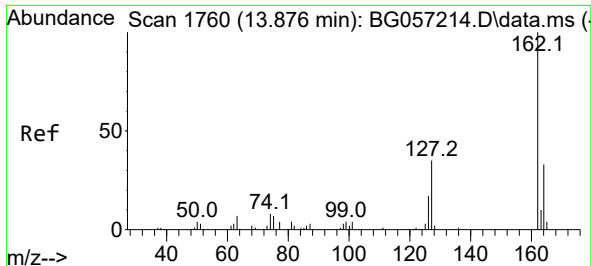
Tgt Ion:196 Resp: 39894
Ion Ratio Lower Upper
196 100
198 102.2 85.7 128.5
200 33.3 29.9 44.9



#43
1,1'-Biphenyl
Concen: 30.186 ng/ul
RT: 13.825 min Scan# 1751
Delta R.T. -0.004 min
Lab File: BG057243.D
Acq: 29 Apr 2023 9:17

Tgt Ion:154 Resp: 122203
Ion Ratio Lower Upper
154 100
153 38.5 31.6 47.4
76 11.2 8.0 12.0

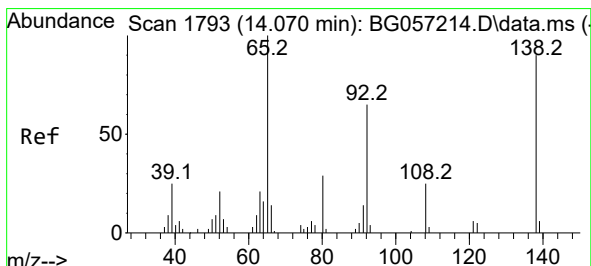
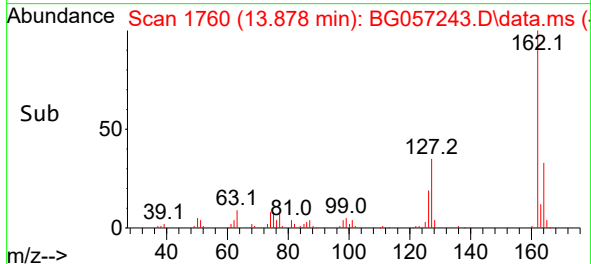
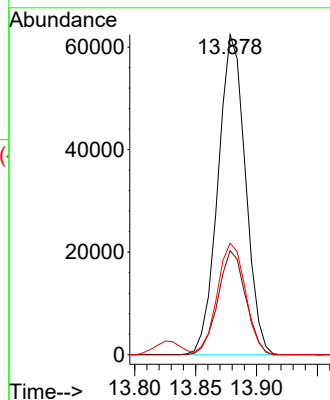
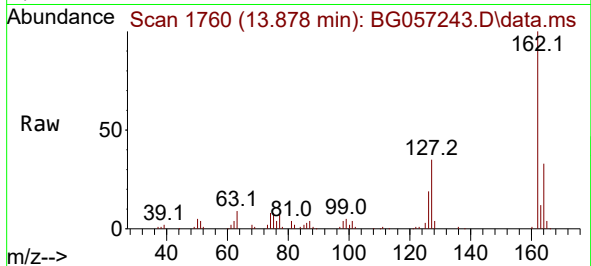




#44
2-Chloronaphthalene
Concen: 31.128 ng/ul
RT: 13.878 min Scan# 1760
Delta R.T. 0.002 min
Lab File: BG057243.D
Acq: 29 Apr 2023 9:17

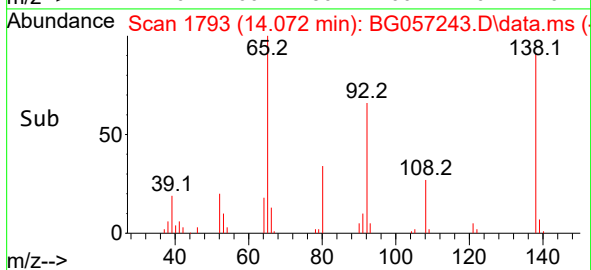
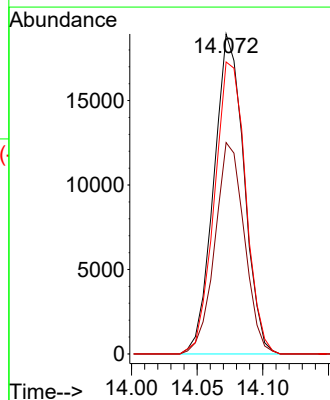
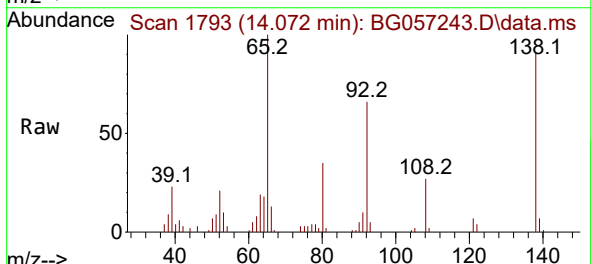
Instrument :
BNA_G
ClientSampleId :
SLCS400

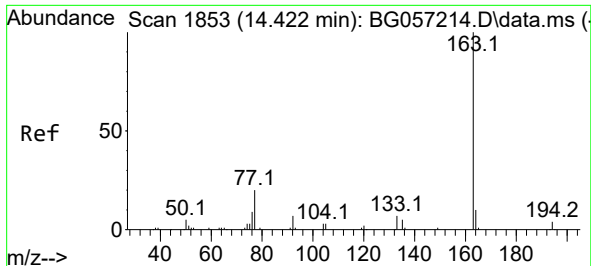
Tgt Ion:162 Resp: 97712
Ion Ratio Lower Upper
162 100
164 32.5 26.2 39.4
127 34.8 29.4 44.2



#45
2-Nitroaniline
Concen: 31.954 ng/ul
RT: 14.072 min Scan# 1793
Delta R.T. 0.002 min
Lab File: BG057243.D
Acq: 29 Apr 2023 9:17

Tgt Ion: 65 Resp: 30280
Ion Ratio Lower Upper
65 100
92 66.0 51.8 77.6
138 91.3 71.9 107.9





#47

Dimethylphthalate

Concen: 29.579 ng/ul

RT: 14.425 min Scan# 1853

Delta R.T. 0.002 min

Lab File: BG057243.D

Acq: 29 Apr 2023 9:17

Instrument :

BNA_G

ClientSampleId :

SLCS400

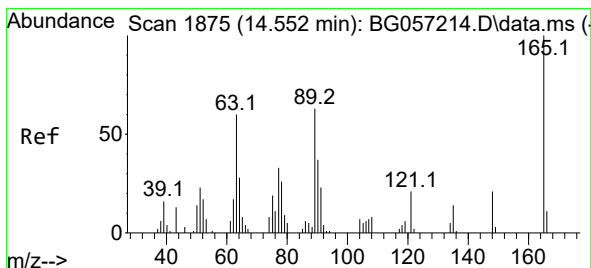
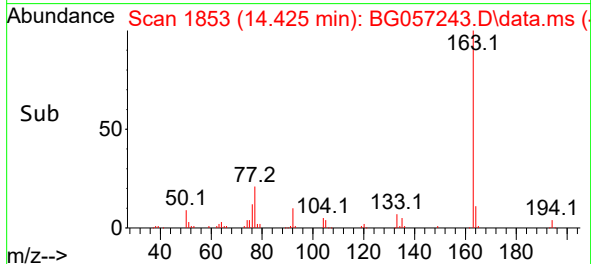
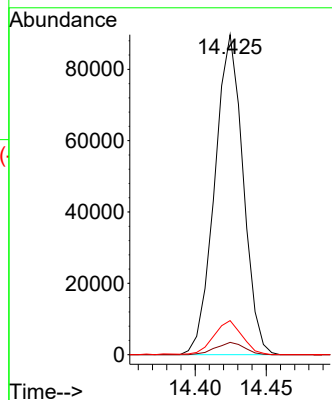
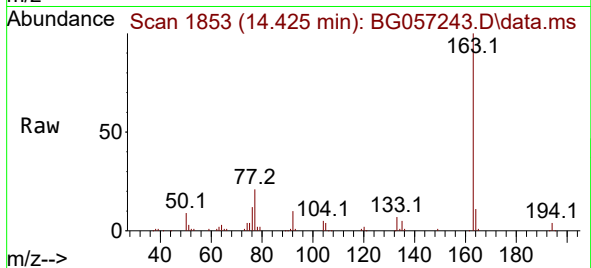
Tgt Ion:163 Resp: 124874

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

164 10.6 8.3 12.5



#48

2,6-Dinitrotoluene

Concen: 31.008 ng/ul

RT: 14.554 min Scan# 1875

Delta R.T. 0.002 min

Lab File: BG057243.D

Acq: 29 Apr 2023 9:17

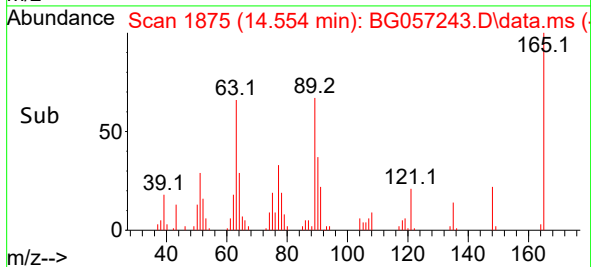
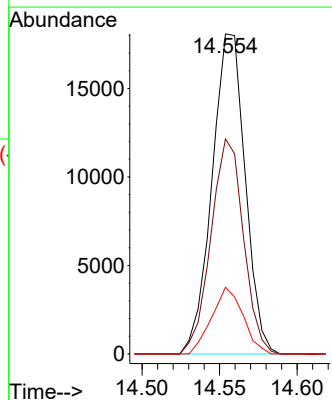
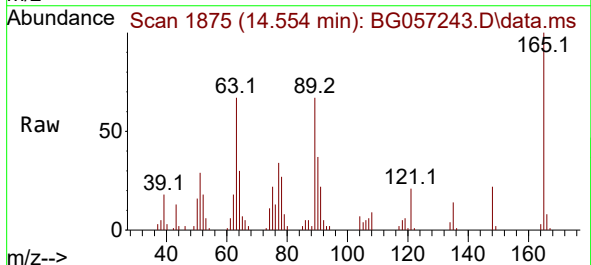
Tgt Ion:165 Resp: 26940

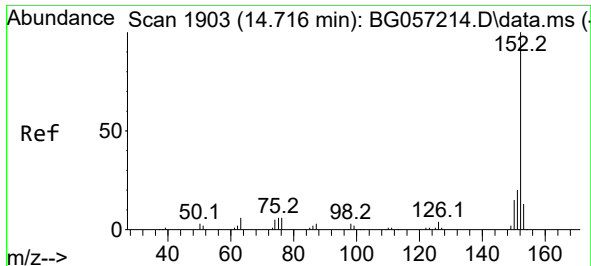
Ion Ratio Lower Upper

165 100

89 67.2 50.6 76.0

121 20.9 16.8 25.2

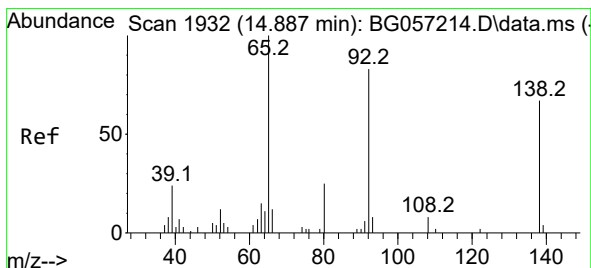
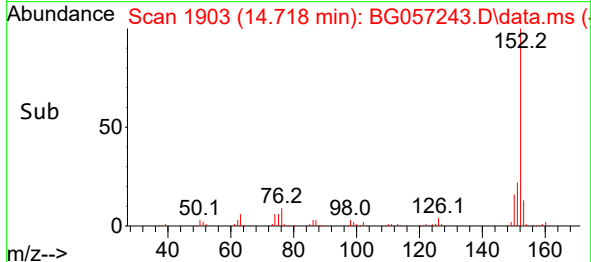
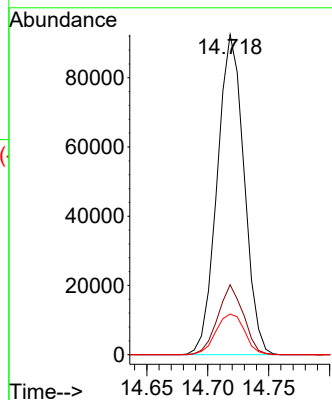
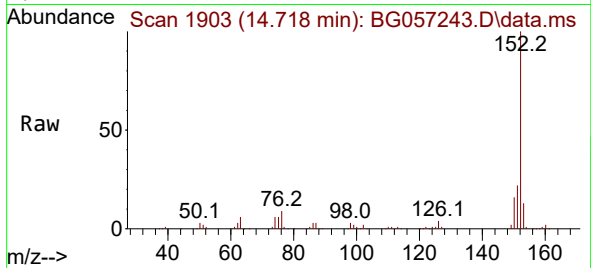




#50
Acenaphthylene
Concen: 29.568 ng/ul
RT: 14.718 min Scan# 1903
Delta R.T. 0.002 min
Lab File: BG057243.D
Acq: 29 Apr 2023 9:17

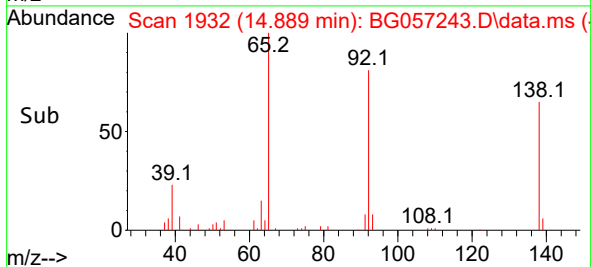
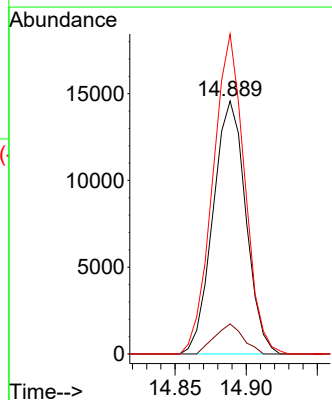
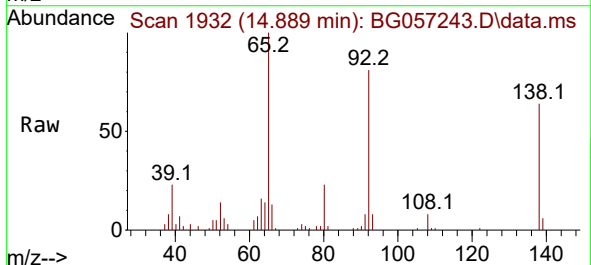
Instrument :
BNA_G
ClientSampleId :
SLCS400

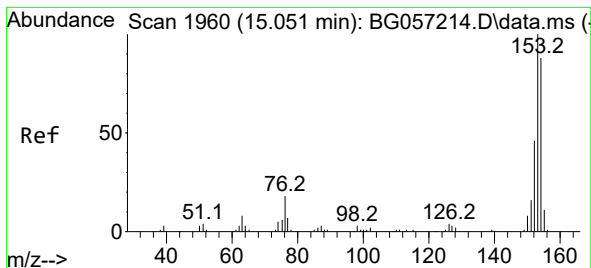
Tgt Ion:152 Resp: 141974
Ion Ratio Lower Upper
152 100
151 21.9 16.3 24.5
153 12.7 10.1 15.1



#51
3-Nitroaniline
Concen: 38.039 ng/ul
RT: 14.889 min Scan# 1932
Delta R.T. 0.002 min
Lab File: BG057243.D
Acq: 29 Apr 2023 9:17

Tgt Ion:138 Resp: 23417
Ion Ratio Lower Upper
138 100
108 11.9 9.2 13.8
92 126.5 99.5 149.3





#52

Acenaphthene

Concen: 29.308 ng/ul

RT: 15.053 min Scan# 1960

Delta R.T. 0.002 min

Lab File: BG057243.D

Acq: 29 Apr 2023 9:17

Instrument :

BNA_G

ClientSampleId :

SLCS400

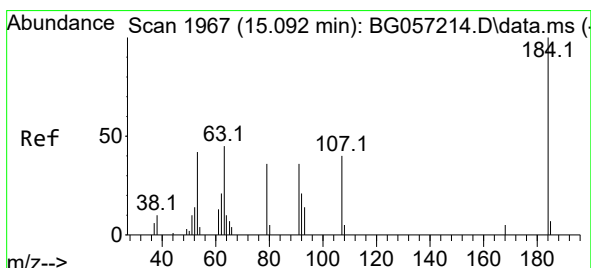
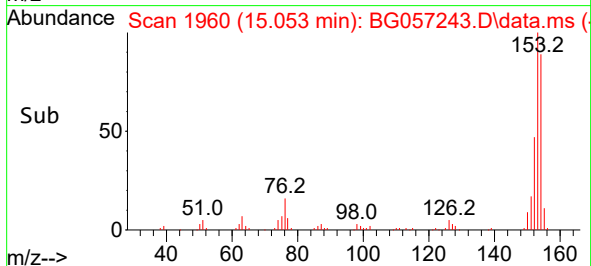
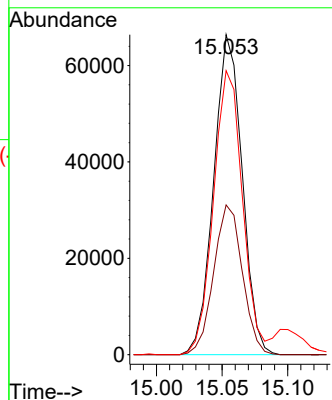
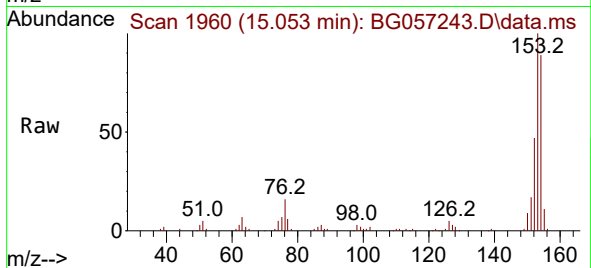
Tgt Ion:153 Resp: 100264

Ion Ratio Lower Upper

153 100

152 46.8 36.5 54.7

154 88.7 70.6 106.0



#53

2,4-Dinitrophenol

Concen: 29.654 ng/ul

RT: 15.100 min Scan# 1968

Delta R.T. 0.008 min

Lab File: BG057243.D

Acq: 29 Apr 2023 9:17

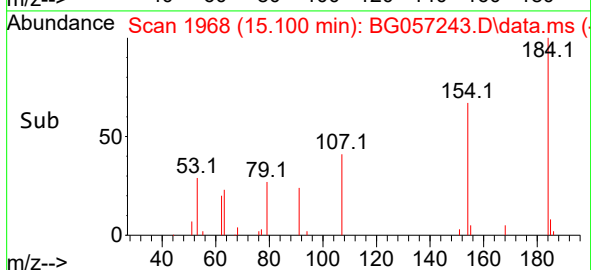
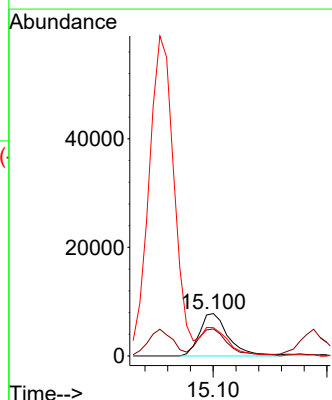
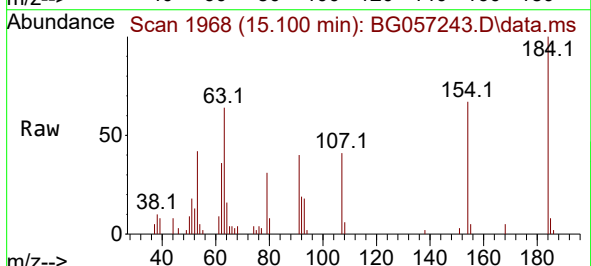
Tgt Ion:184 Resp: 13720

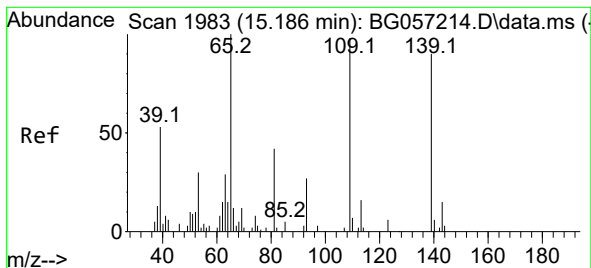
Ion Ratio Lower Upper

184 100

63 63.8 48.3 72.5

154 66.8 50.0 75.0

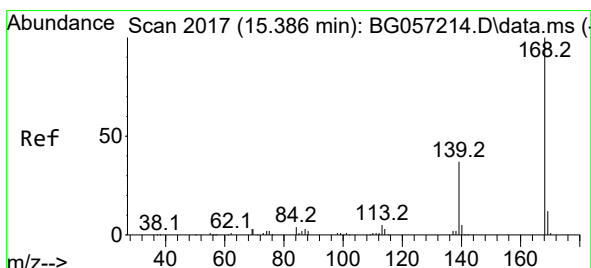
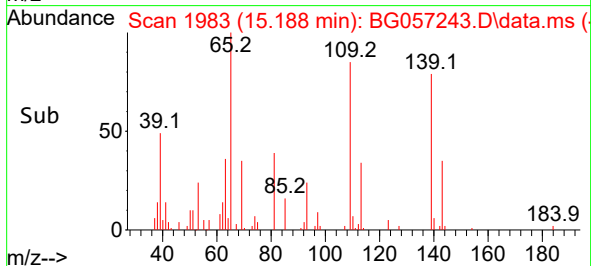
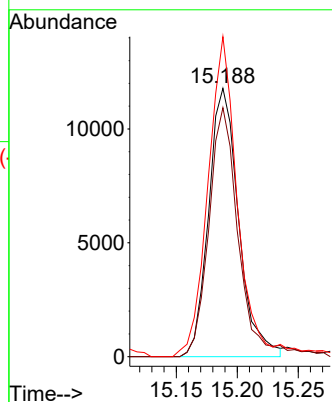
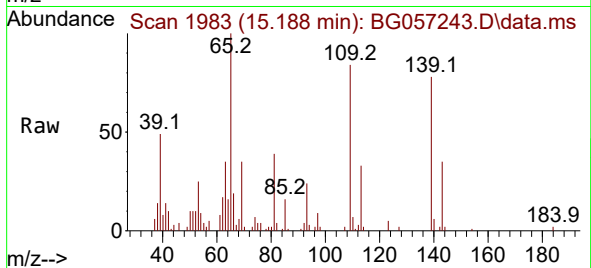




#55
4-Nitrophenol
Concen: 29.007 ng/ul
RT: 15.188 min Scan# 1983
Delta R.T. 0.002 min
Lab File: BG057243.D
Acq: 29 Apr 2023 9:17

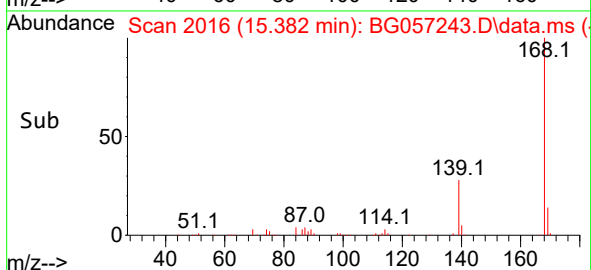
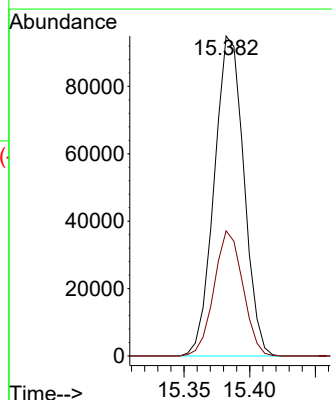
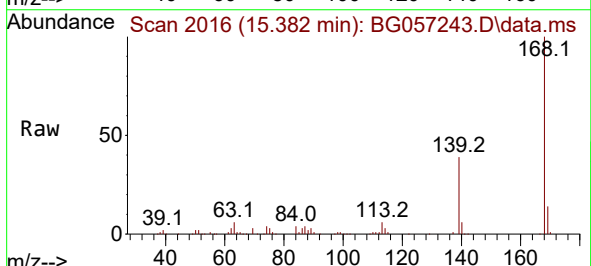
Instrument :
BNA_G
ClientSampleId :
SLCS400

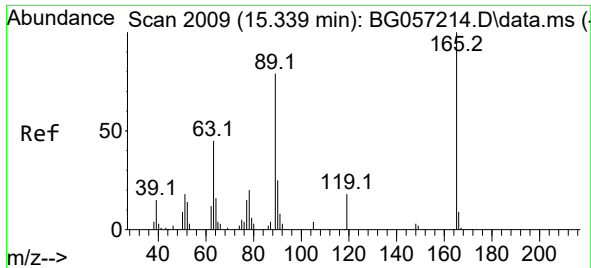
Tgt Ion:109 Resp: 20122
Ion Ratio Lower Upper
109 100
139 92.8 73.8 110.8
65 119.2 81.7 122.5



#56
Dibenzofuran
Concen: 30.137 ng/ul
RT: 15.382 min Scan# 2016
Delta R.T. -0.004 min
Lab File: BG057243.D
Acq: 29 Apr 2023 9:17

Tgt Ion:168 Resp: 148882
Ion Ratio Lower Upper
168 100
139 39.1 29.6 44.4





#57

2,4-Dinitrotoluene

Concen: 30.755 ng/ul

RT: 15.341 min Scan# 2009

Delta R.T. 0.002 min

Lab File: BG057243.D

Acq: 29 Apr 2023 9:17

Instrument :

BNA_G

ClientSampleId :

SLCS400

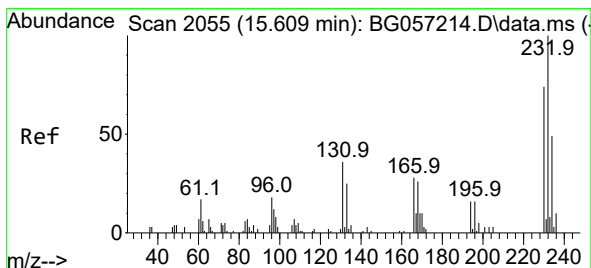
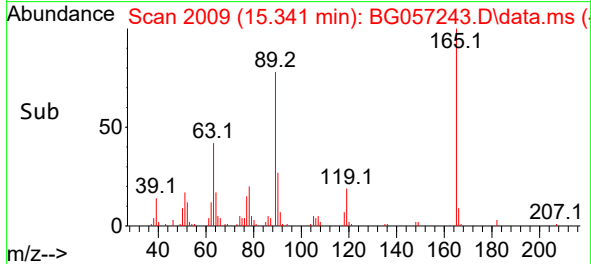
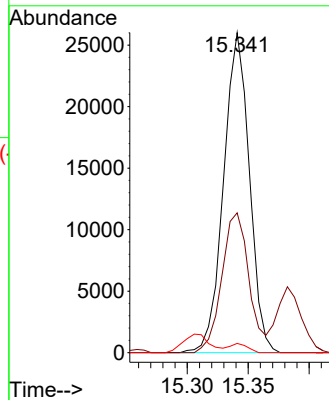
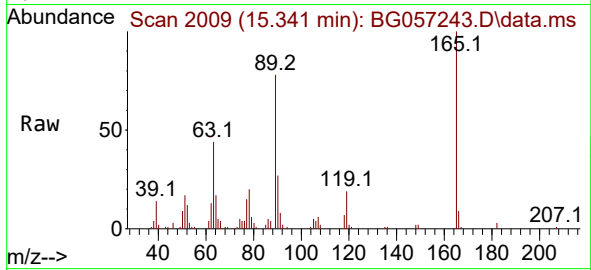
Tgt Ion:165 Resp: 38252

Ion Ratio Lower Upper

165 100

63 43.7 35.9 53.9

182 2.9 1.9 2.9#



#58

2,3,4,6-Tetrachlorophenol

Concen: 30.845 ng/ul

RT: 15.611 min Scan# 2055

Delta R.T. 0.002 min

Lab File: BG057243.D

Acq: 29 Apr 2023 9:17

Tgt Ion:232 Resp: 33790

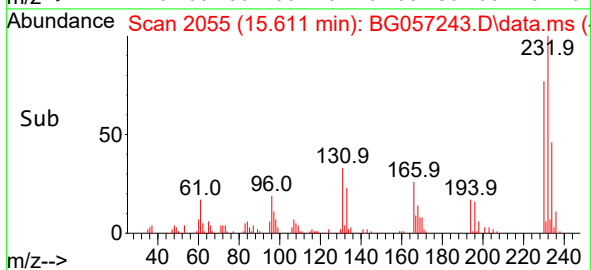
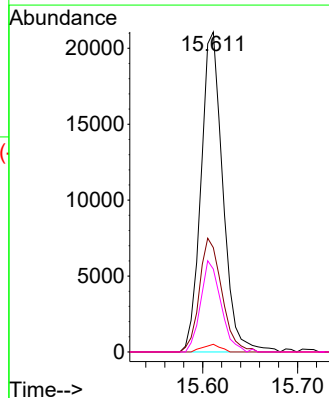
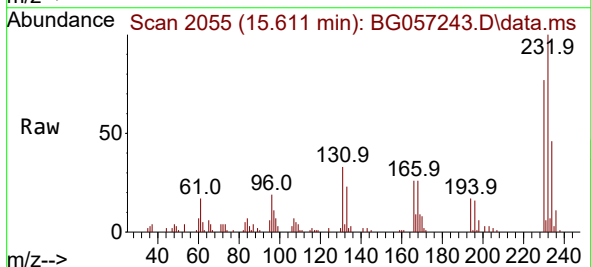
Ion Ratio Lower Upper

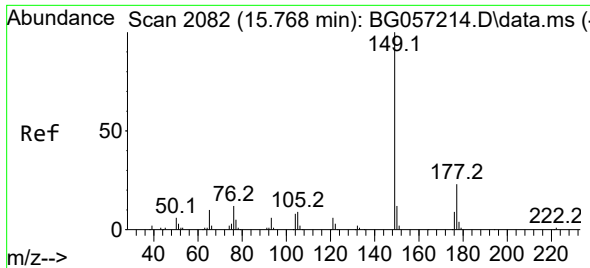
232 100

131 32.6 28.6 43.0

130 2.4 1.8 2.6

166 25.9 22.2 33.2

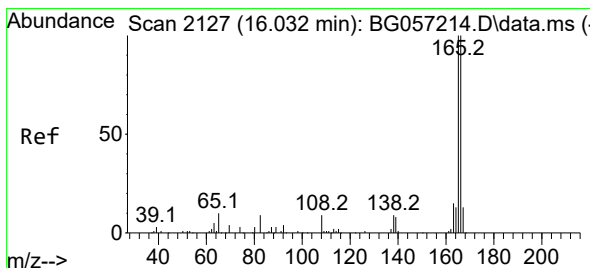
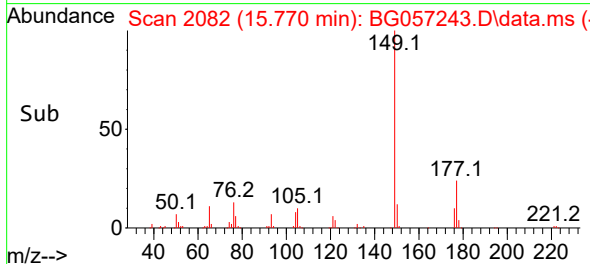
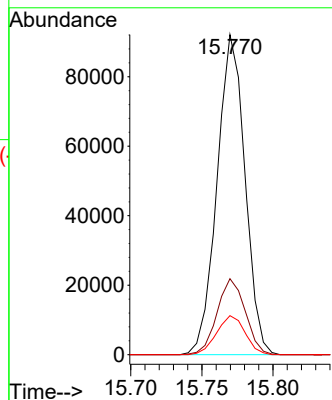
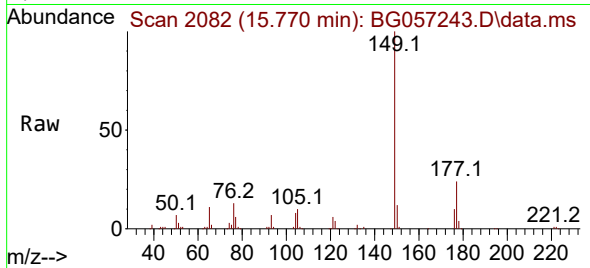




#59
Diethylphthalate
Concen: 29.343 ng/ul
RT: 15.770 min Scan# 2082
Delta R.T. 0.002 min
Lab File: BG057243.D
Acq: 29 Apr 2023 9:17

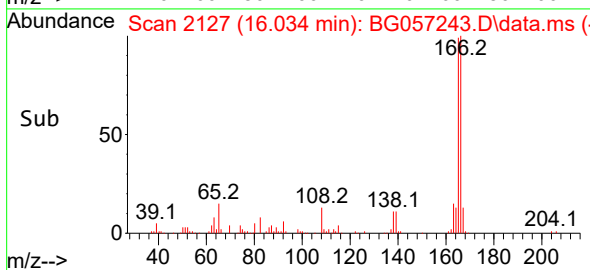
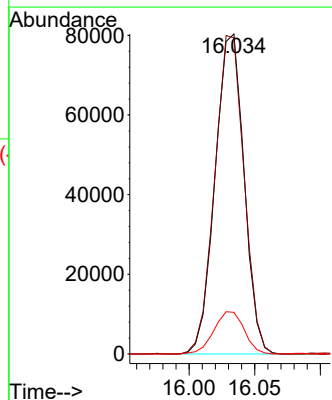
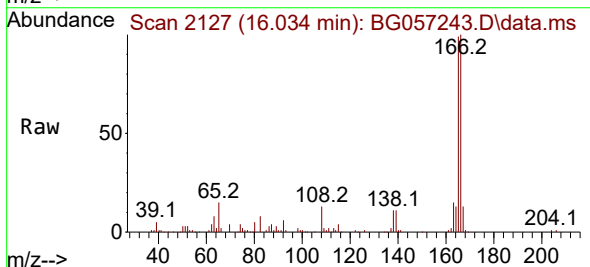
Instrument :
BNA_G
ClientSampleId :
SLCS400

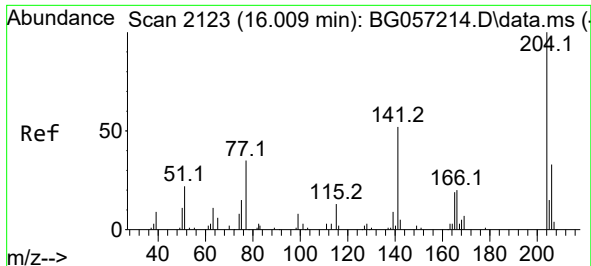
Tgt Ion:149 Resp: 125854
Ion Ratio Lower Upper
149 100
177 23.7 18.6 28.0
150 12.2 9.8 14.8



#61
Fluorene
Concen: 29.429 ng/ul
RT: 16.034 min Scan# 2127
Delta R.T. 0.002 min
Lab File: BG057243.D
Acq: 29 Apr 2023 9:17

Tgt Ion:166 Resp: 122936
Ion Ratio Lower Upper
166 100
165 98.8 80.1 120.1
167 13.0 10.2 15.4





#62

4-Chlorophenyl-phenylether

Concen: 30.264 ng/ul

RT: 16.011 min Scan# 2123

Delta R.T. 0.002 min

Lab File: BG057243.D

Acq: 29 Apr 2023 9:17

Instrument :

BNA_G

ClientSampleId :

SLCS400

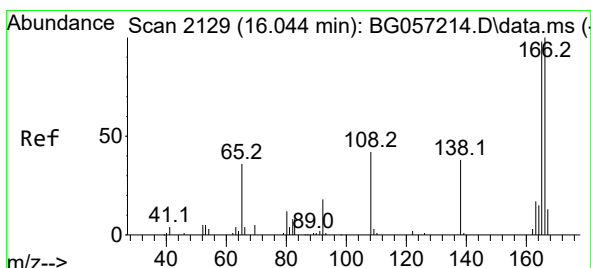
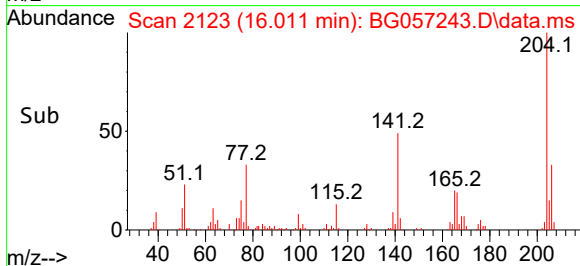
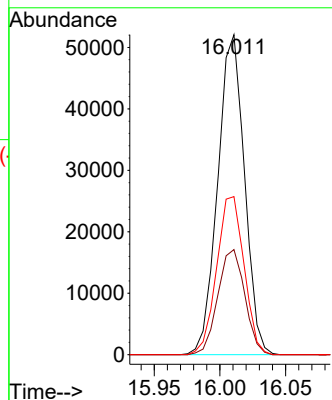
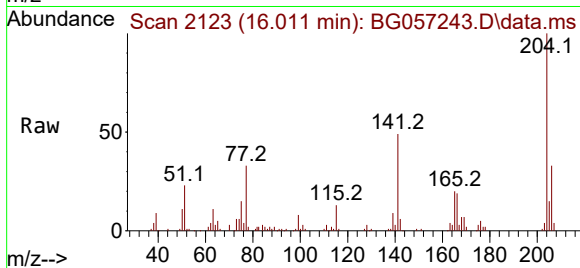
Tgt Ion:204 Resp: 73790

Ion Ratio Lower Upper

204 100

206 32.8 26.5 39.7

141 49.4 41.5 62.3



#63

4-Nitroaniline

Concen: 40.995 ng/ul

RT: 16.046 min Scan# 2129

Delta R.T. 0.002 min

Lab File: BG057243.D

Acq: 29 Apr 2023 9:17

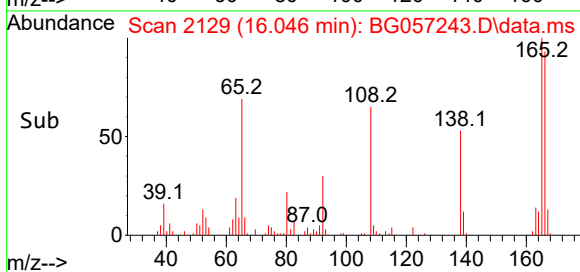
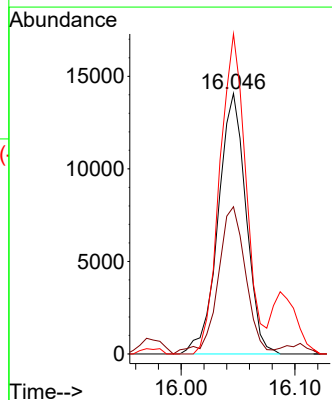
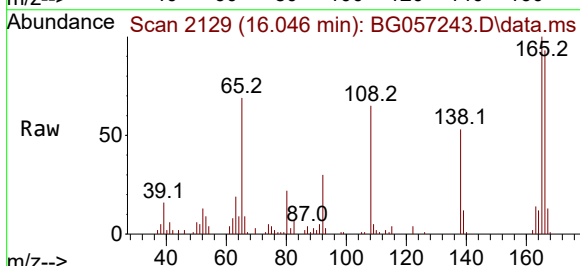
Tgt Ion:138 Resp: 23899

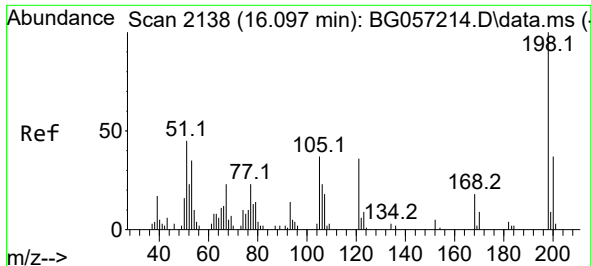
Ion Ratio Lower Upper

138 100

92 56.5 39.9 59.9

108 122.8 89.1 133.7

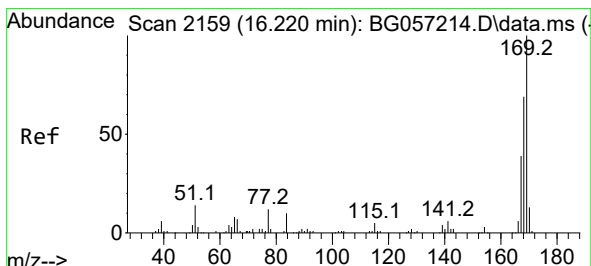
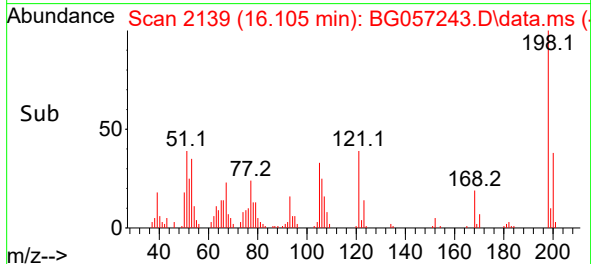
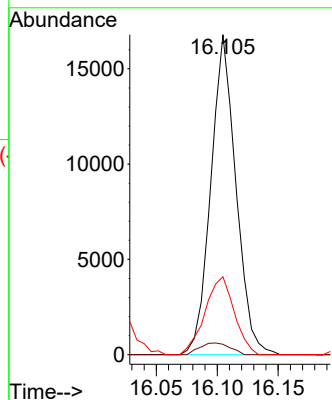
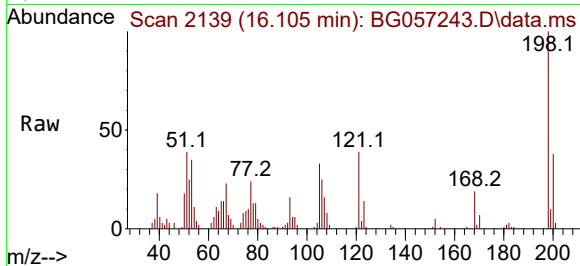




#66
 4,6-Dinitro-2-methylphenol
 Concen: 31.465 ng/ul
 RT: 16.105 min Scan# 2138
 Delta R.T. 0.008 min
 Lab File: BG057243.D
 Acq: 29 Apr 2023 9:17

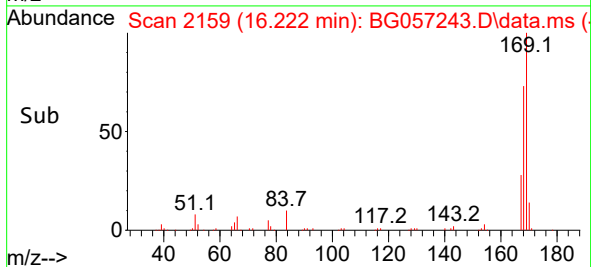
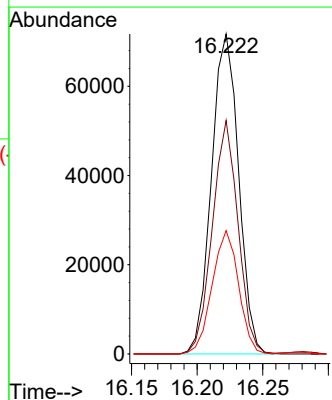
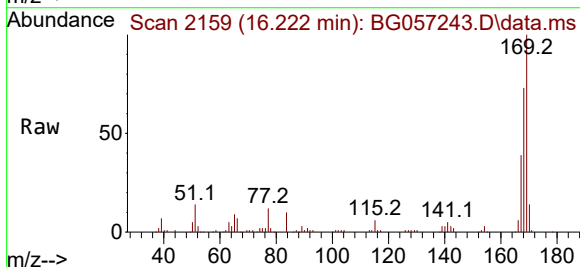
Instrument :
 BNA_G
 ClientSampleId :
 SLCS400

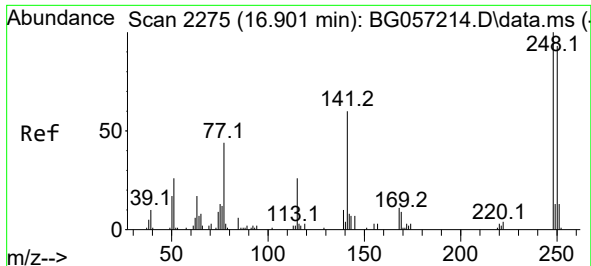
Tgt Ion:198 Resp: 24090
 Ion Ratio Lower Upper
 198 100
 182 3.3 3.0 4.6
 77 24.3 20.1 30.1



#67
 N-Nitrosodiphenylamine
 Concen: 31.161 ng/ul
 RT: 16.222 min Scan# 2159
 Delta R.T. 0.002 min
 Lab File: BG057243.D
 Acq: 29 Apr 2023 9:17

Tgt Ion:169 Resp: 103222
 Ion Ratio Lower Upper
 169 100
 168 72.9 55.4 83.2
 167 38.6 31.0 46.4

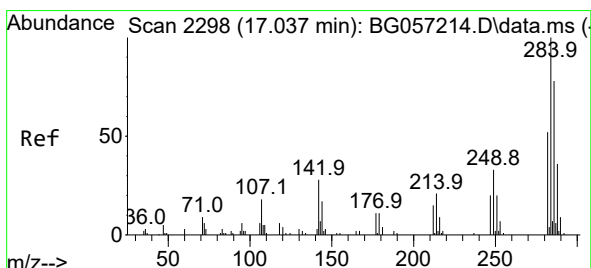
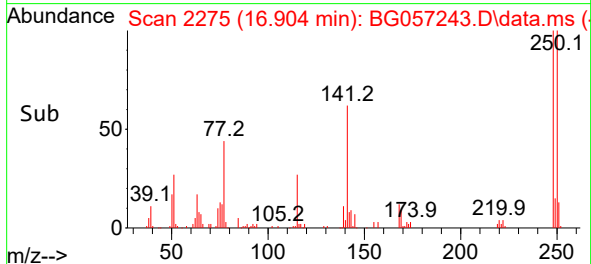
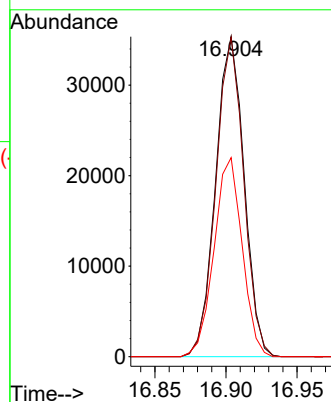
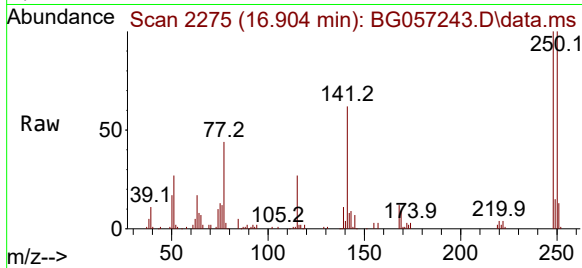




#68
4-Bromophenyl-phenylether
Concen: 32.596 ng/ul
RT: 16.904 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG057243.D
Acq: 29 Apr 2023 9:17

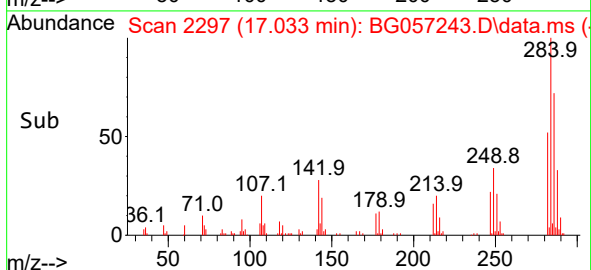
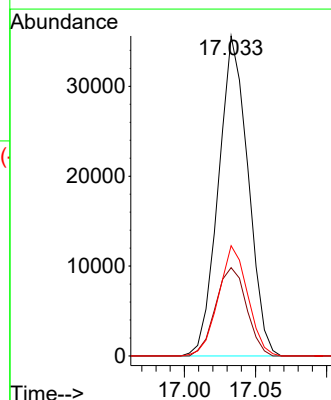
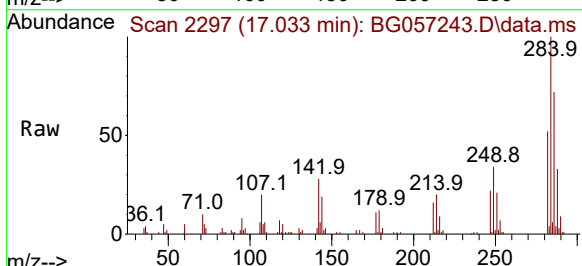
Instrument :
BNA_G
ClientSampleId :
SLCS400

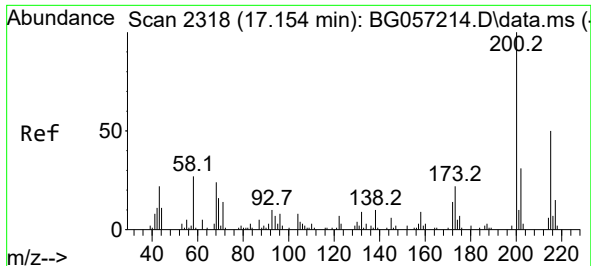
Tgt Ion:248 Resp: 49404
Ion Ratio Lower Upper
248 100
250 99.9 74.8 112.2
141 62.2 47.8 71.6



#69
Hexachlorobenzene
Concen: 32.341 ng/ul
RT: 17.033 min Scan# 2297
Delta R.T. -0.004 min
Lab File: BG057243.D
Acq: 29 Apr 2023 9:17

Tgt Ion:284 Resp: 51618
Ion Ratio Lower Upper
284 100
142 27.6 22.6 33.8
249 34.4 26.2 39.2

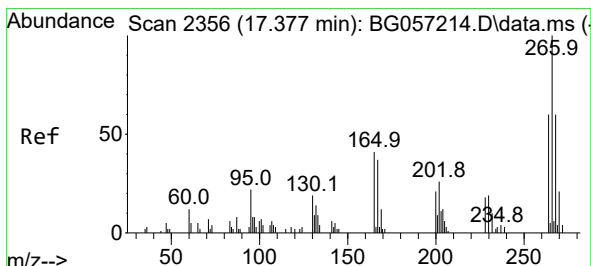
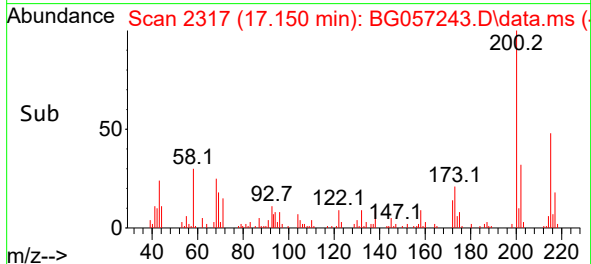
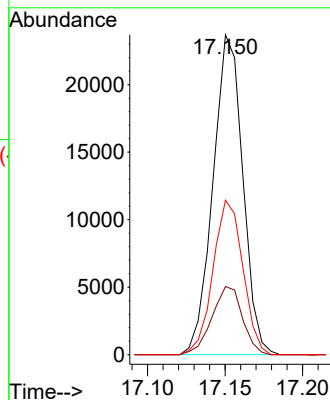
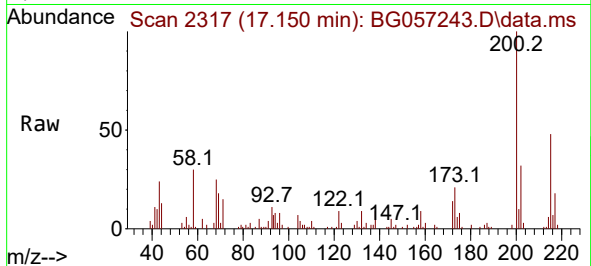




#70
 Atrazine
 Concen: 21.496 ng/ul
 RT: 17.150 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG057243.D
 Acq: 29 Apr 2023 9:17

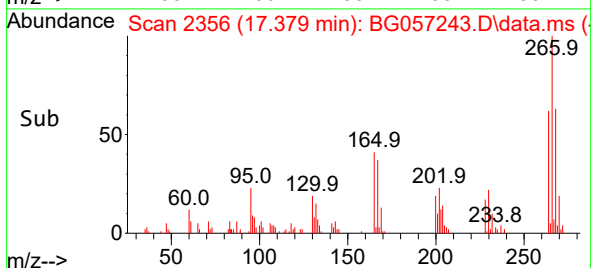
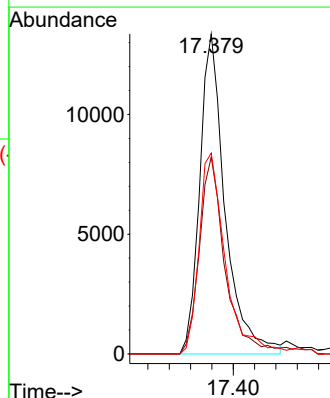
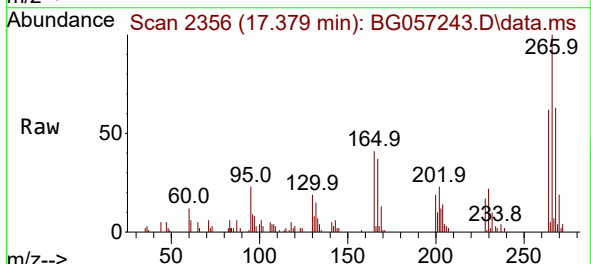
Instrument :
 BNA_G
 ClientSampleId :
 SLCS400

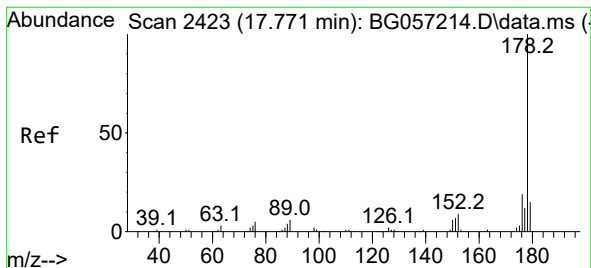
Tgt Ion:200 Resp: 31647
 Ion Ratio Lower Upper
 200 100
 173 21.3 17.8 26.6
 215 48.3 40.3 60.5



#71
 Pentachlorophenol
 Concen: 29.941 ng/ul
 RT: 17.379 min Scan# 2356
 Delta R.T. 0.002 min
 Lab File: BG057243.D
 Acq: 29 Apr 2023 9:17

Tgt Ion:266 Resp: 22089
 Ion Ratio Lower Upper
 266 100
 264 61.5 47.8 71.6
 268 62.8 48.2 72.4





#72

Phenanthrene

Concen: 30.308 ng/ul

RT: 17.773 min Scan# 2423

Delta R.T. 0.002 min

Lab File: BG057243.D

Acq: 29 Apr 2023 9:17

Instrument :

BNA_G

ClientSampleId :

SLCS400

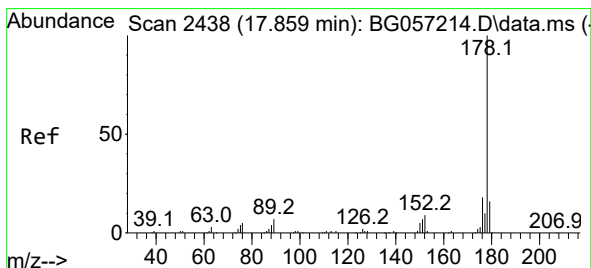
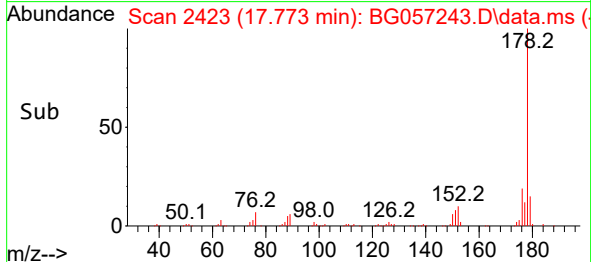
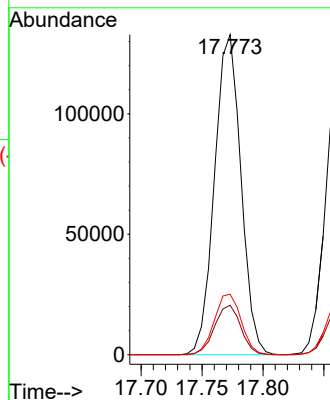
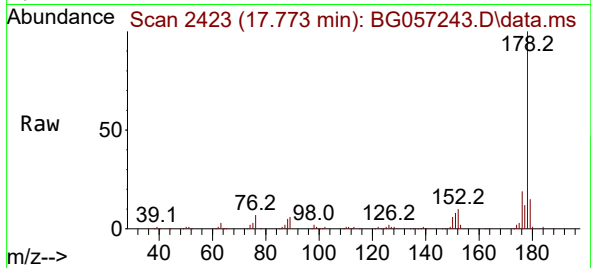
Tgt Ion:178 Resp: 200141

Ion Ratio Lower Upper

178 100

179 15.4 11.8 17.8

176 18.9 15.4 23.0



#74

Anthracene

Concen: 30.115 ng/ul

RT: 17.861 min Scan# 2438

Delta R.T. 0.002 min

Lab File: BG057243.D

Acq: 29 Apr 2023 9:17

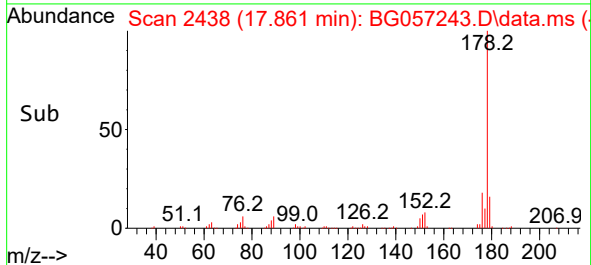
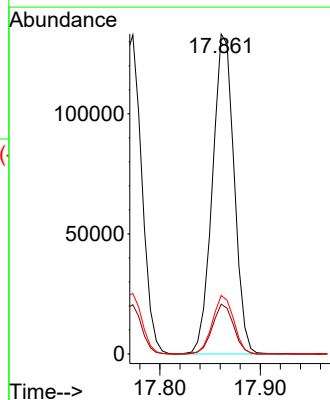
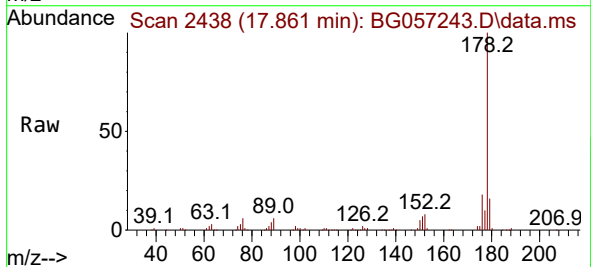
Tgt Ion:178 Resp: 199763

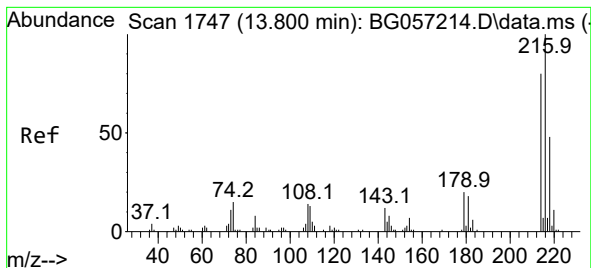
Ion Ratio Lower Upper

178 100

179 15.5 12.5 18.7

176 18.2 14.7 22.1

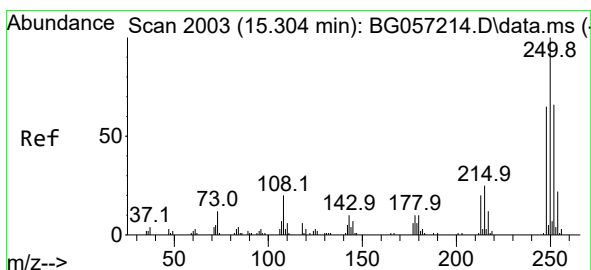
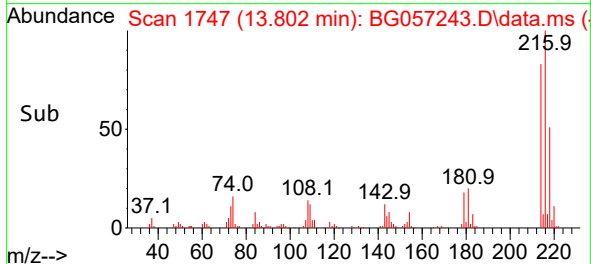
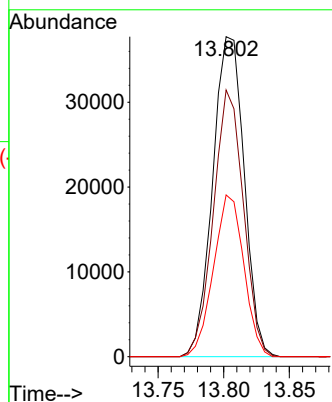
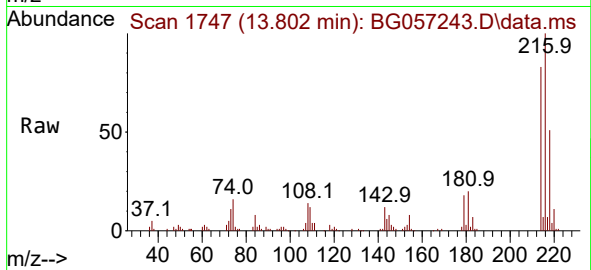




#75
1,2,3,4-Tetrachlorobenzene
Concen: 33.047 ng/uL
RT: 13.802 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG057243.D
Acq: 29 Apr 2023 9:17

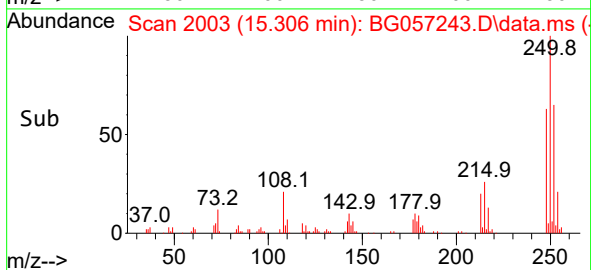
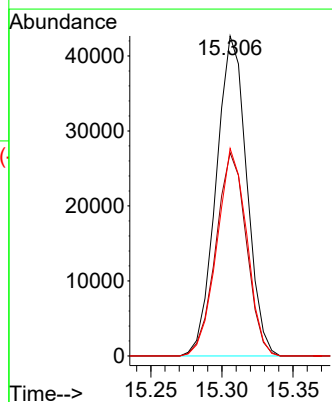
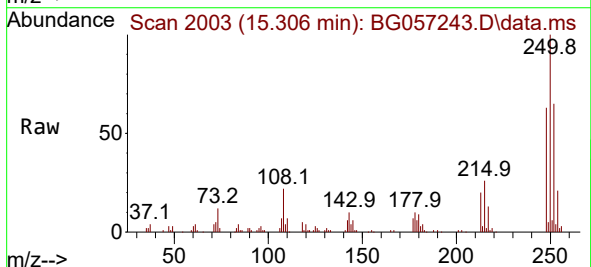
Instrument :
BNA_G
ClientSampleId :
SLCS400

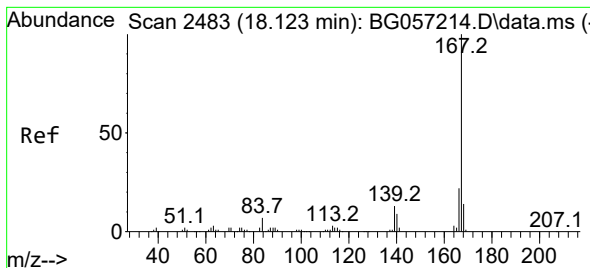
Tgt Ion:216 Resp: 63032
Ion Ratio Lower Upper
216 100
214 83.3 64.3 96.5
218 50.6 38.5 57.7



#76
Pentachlorobenzene
Concen: 32.901 ng/uL
RT: 15.306 min Scan# 2003
Delta R.T. 0.002 min
Lab File: BG057243.D
Acq: 29 Apr 2023 9:17

Tgt Ion:250 Resp: 63876
Ion Ratio Lower Upper
250 100
248 63.5 52.2 78.2
252 64.8 52.5 78.7





#77

Carbazole

Concen: 30.445 ng/ul

RT: 18.125 min Scan# 2483

Delta R.T. 0.002 min

Lab File: BG057243.D

Acq: 29 Apr 2023 9:17

Instrument :

BNA_G

ClientSampleId :

SLCS400

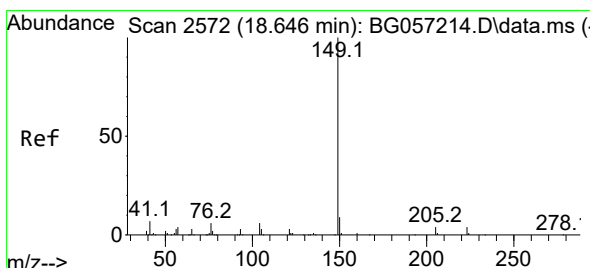
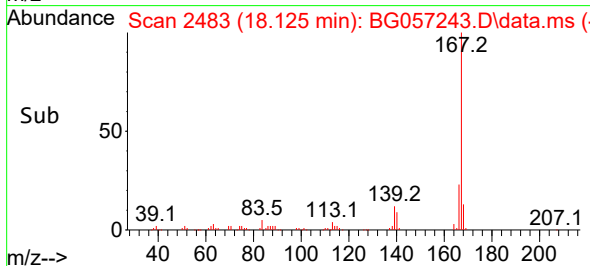
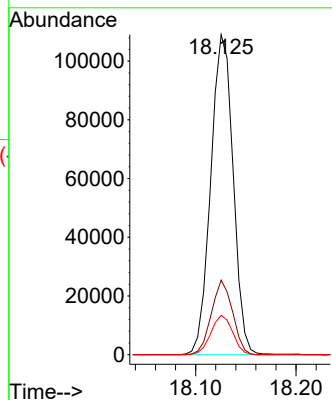
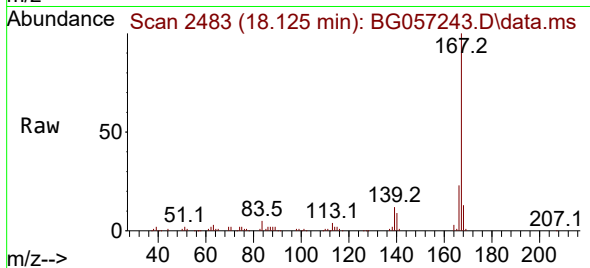
Tgt Ion:167 Resp: 168769

Ion Ratio Lower Upper

167 100

166 23.3 18.0 27.0

139 12.3 10.3 15.5



#78

Di-n-butylphthalate

Concen: 31.088 ng/ul

RT: 18.642 min Scan# 2571

Delta R.T. -0.004 min

Lab File: BG057243.D

Acq: 29 Apr 2023 9:17

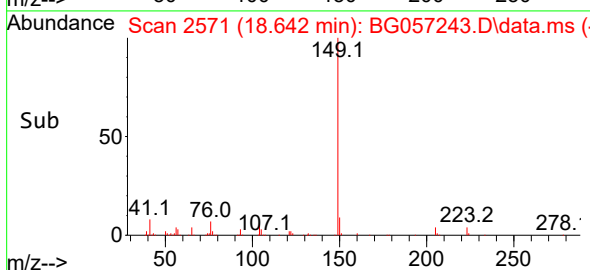
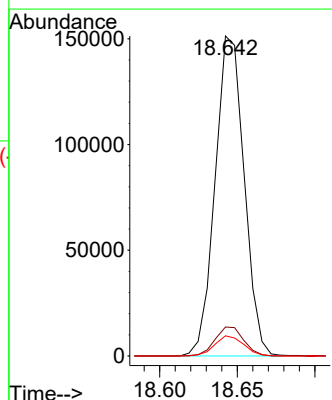
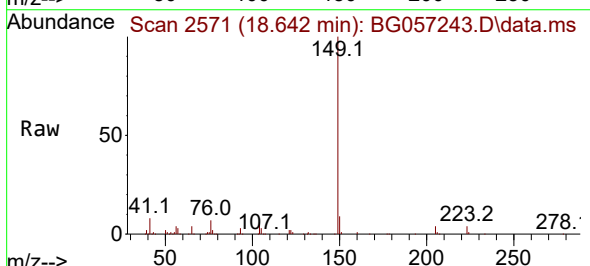
Tgt Ion:149 Resp: 197070

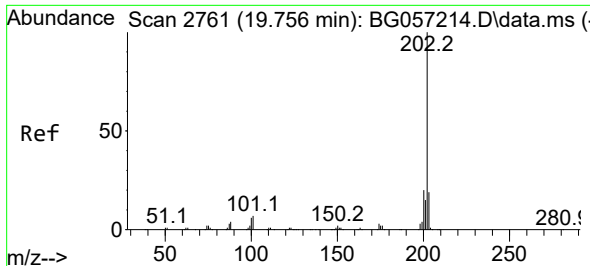
Ion Ratio Lower Upper

149 100

150 9.0 7.3 10.9

104 6.3 5.0 7.6

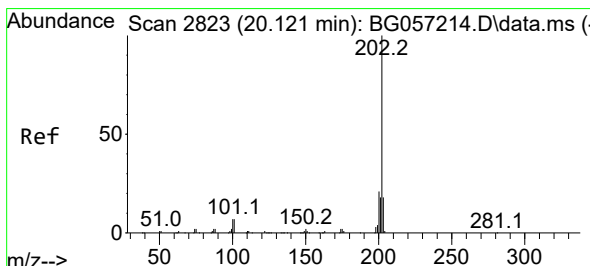
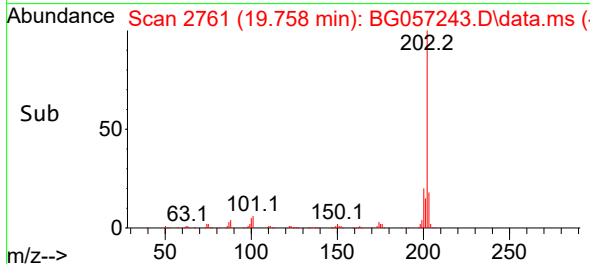
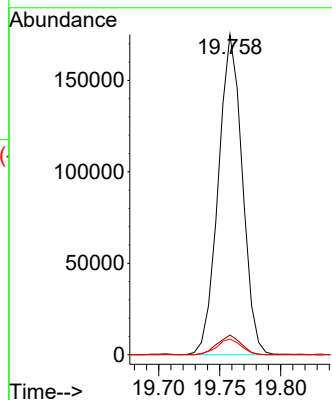
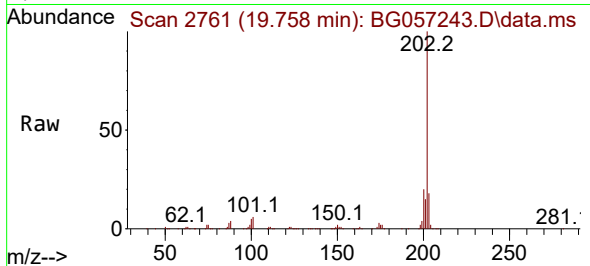




#80
Fluoranthene
Concen: 31.232 ng/ul
RT: 19.758 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG057243.D
Acq: 29 Apr 2023 9:17

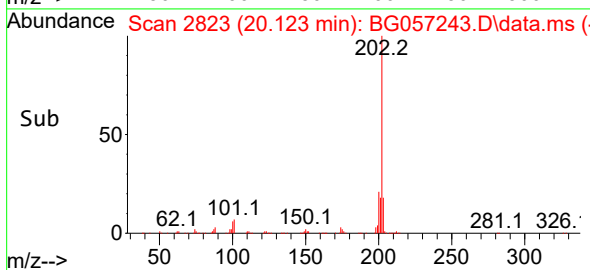
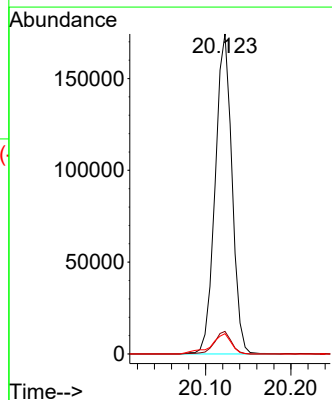
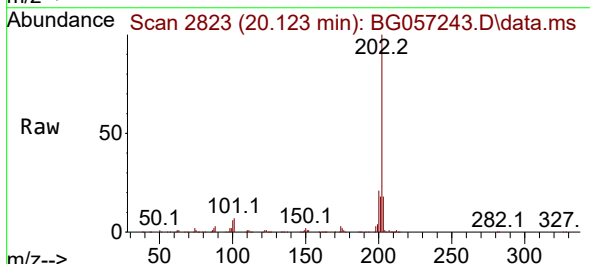
Instrument :
BNA_G
ClientSampleId :
SLCS400

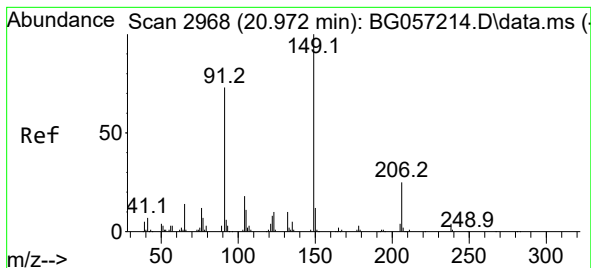
Tgt Ion:202 Resp: 240045
Ion Ratio Lower Upper
202 100
101 6.2 5.8 8.6
100 4.9 4.6 7.0



#82
Pyrene
Concen: 30.578 ng/ul
RT: 20.123 min Scan# 2823
Delta R.T. 0.002 min
Lab File: BG057243.D
Acq: 29 Apr 2023 9:17

Tgt Ion:202 Resp: 237919
Ion Ratio Lower Upper
202 100
101 7.1 5.7 8.5
100 6.3 6.0 9.0





#83

Butylbenzylphthalate

Concen: 32.520 ng/ul

RT: 20.974 min Scan# 2968

Delta R.T. 0.002 min

Lab File: BG057243.D

Acq: 29 Apr 2023 9:17

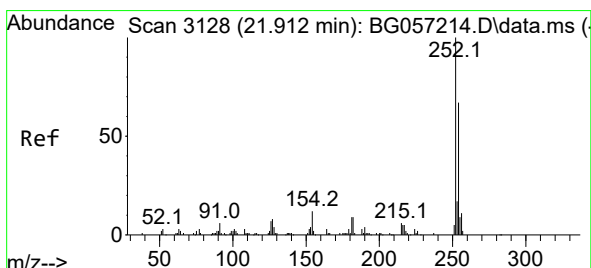
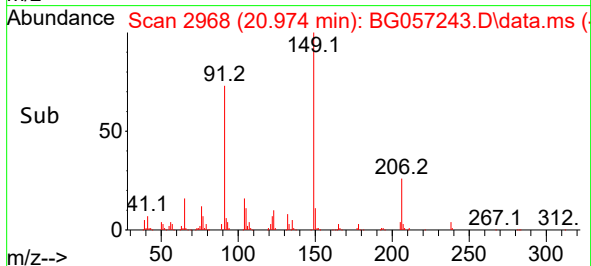
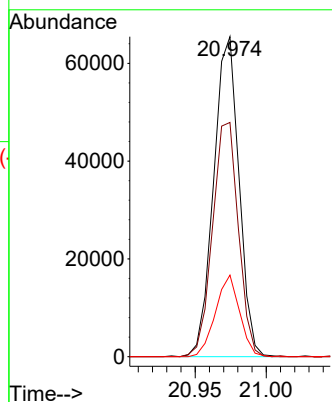
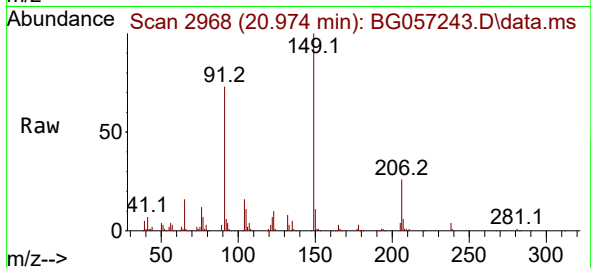
Instrument :

BNA_G

ClientSampleId :

SLCS400

Tgt Ion:	149	Resp:	81032
Ion Ratio	Lower	Upper	
149	100		
91	73.2	58.6	87.8
206	25.5	19.8	29.8



#84

3,3'-Dichlorobenzidine

Concen: 36.184 ng/ul

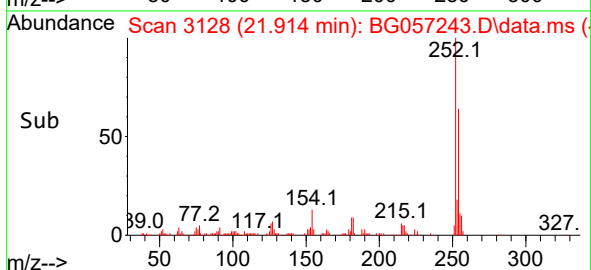
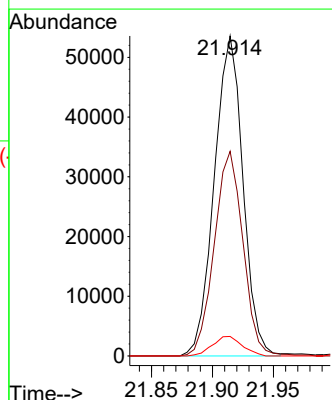
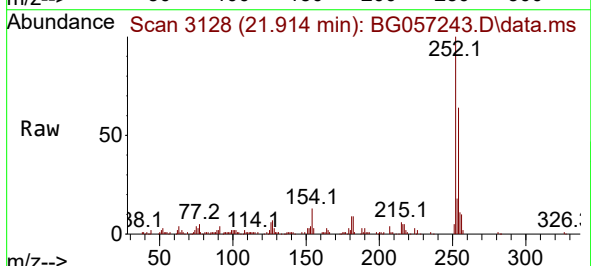
RT: 21.914 min Scan# 3128

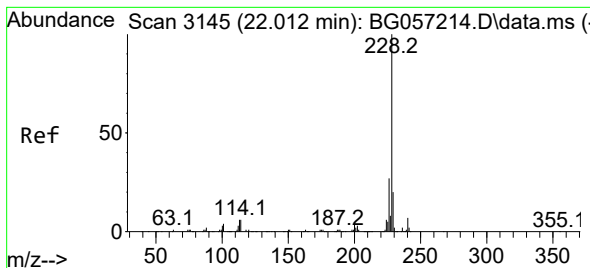
Delta R.T. 0.002 min

Lab File: BG057243.D

Acq: 29 Apr 2023 9:17

Tgt Ion:	252	Resp:	87597
Ion Ratio	Lower	Upper	
252	100		
254	64.0	53.7	80.5
126	6.1	5.2	7.8





#85

Benzo(a)anthracene

Concen: 31.374 ng/ul

RT: 22.014 min Scan# 3119

Delta R.T. 0.002 min

Lab File: BG057243.D

Acq: 29 Apr 2023 9:17

Instrument :

BNA_G

ClientSampleId :

SLCS400

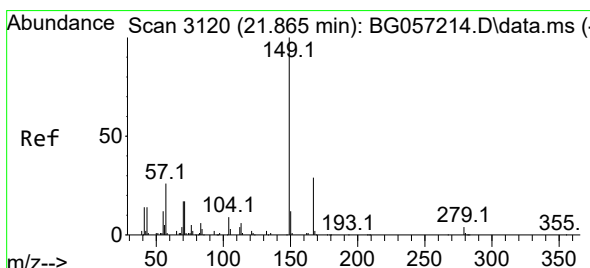
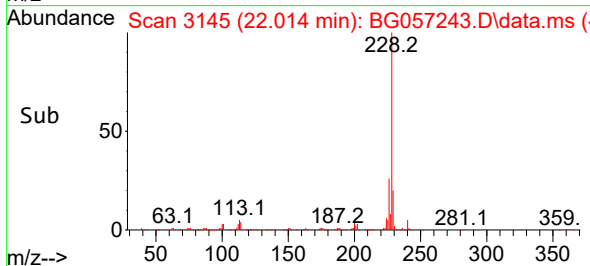
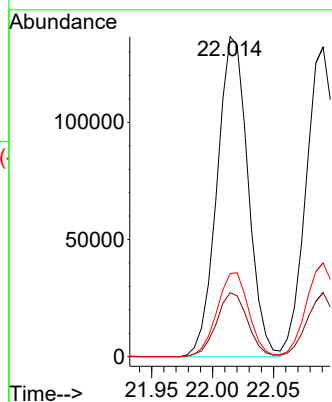
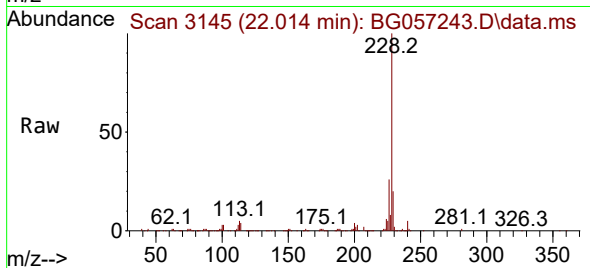
Tgt Ion:228 Resp: 241880

Ion Ratio Lower Upper

228 100

229 20.0 15.8 23.6

226 25.9 21.7 32.5



#86

Bis(2-ethylhexyl)phthalate

Concen: 32.238 ng/ul

RT: 21.862 min Scan# 3119

Delta R.T. -0.004 min

Lab File: BG057243.D

Acq: 29 Apr 2023 9:17

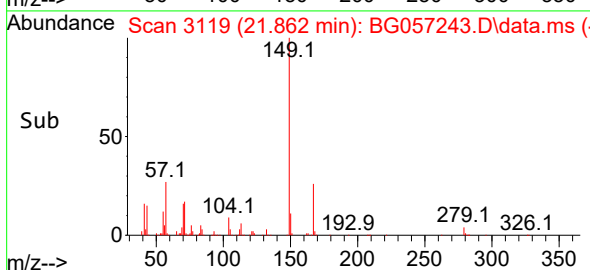
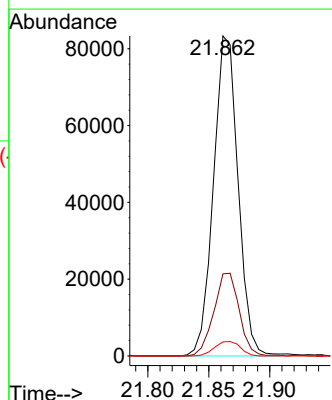
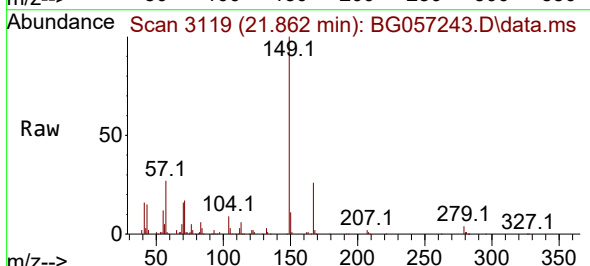
Tgt Ion:149 Resp: 116831

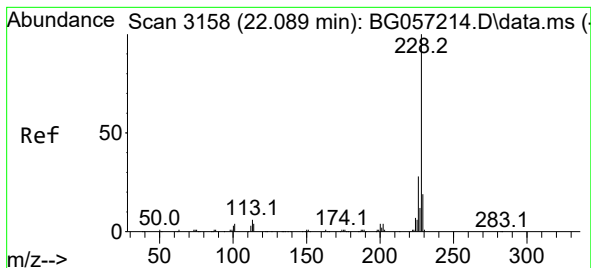
Ion Ratio Lower Upper

149 100

167 25.6 23.0 34.6

279 4.4 3.6 5.4





#87

Chrysene

Concen: 30.978 ng/ul

RT: 22.091 min Scan# 3158

Delta R.T. 0.002 min

Lab File: BG057243.D

Acq: 29 Apr 2023 9:17

Instrument :

BNA_G

ClientSampleId :

SLCS400

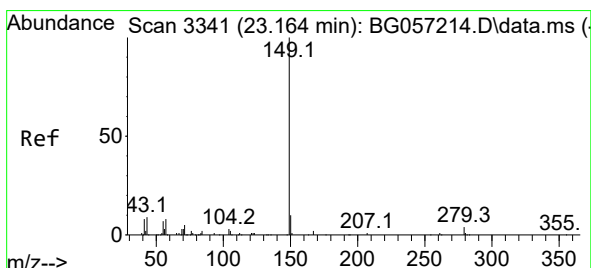
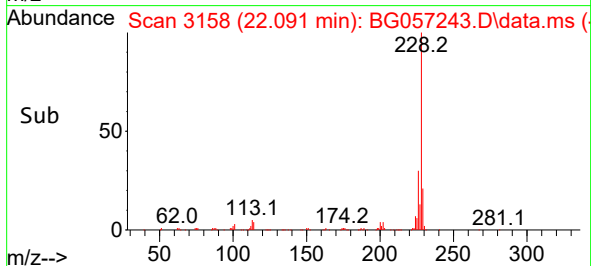
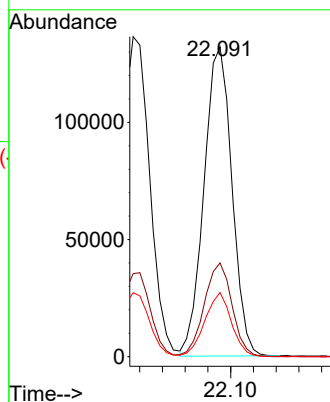
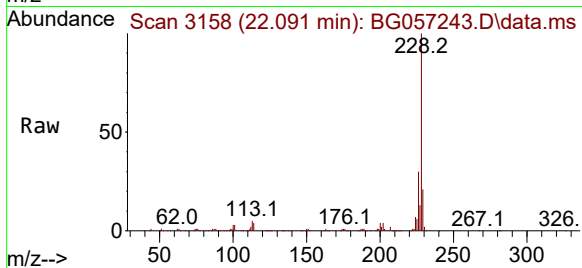
Tgt Ion:228 Resp: 225323

Ion Ratio Lower Upper

228 100

226 30.3 22.8 34.2

229 20.7 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 30.343 ng/ul

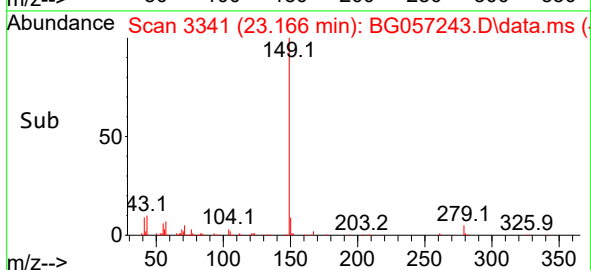
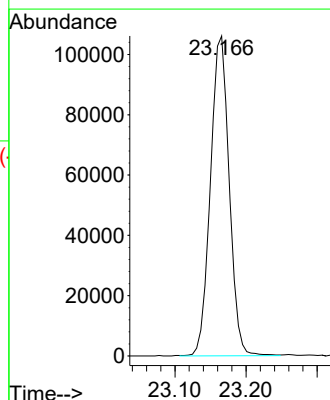
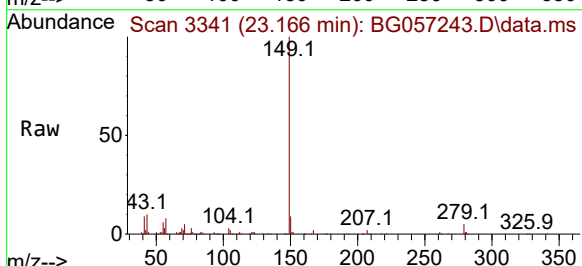
RT: 23.166 min Scan# 3341

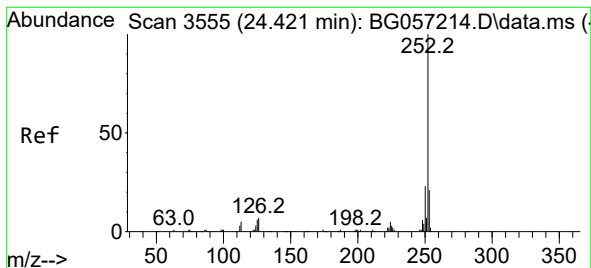
Delta R.T. 0.002 min

Lab File: BG057243.D

Acq: 29 Apr 2023 9:17

Tgt Ion:149 Resp: 194260





#90

Benzo(b)fluoranthene

Concen: 30.892 ng/ul

RT: 24.423 min Scan# 3555

Delta R.T. 0.002 min

Lab File: BG057243.D

Acq: 29 Apr 2023 9:17

Instrument :

BNA_G

ClientSampleId :

SLCS400

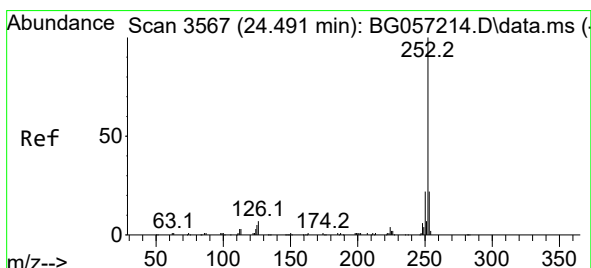
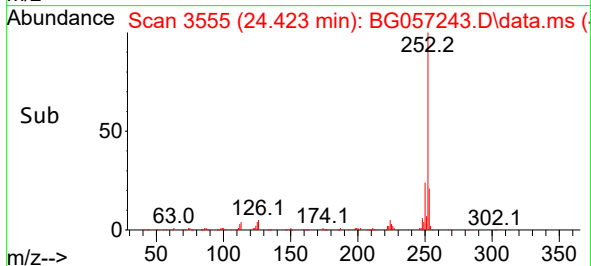
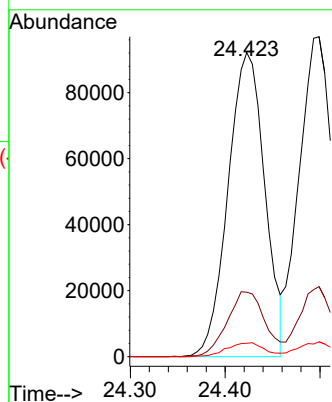
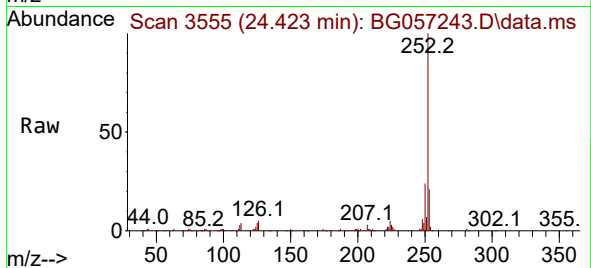
Tgt Ion:252 Resp: 248007

Ion Ratio Lower Upper

252 100

253 21.2 16.7 25.1

125 4.4 4.8 7.2#



#91

Benzo(k)fluoranthene

Concen: 30.911 ng/ul

RT: 24.499 min Scan# 3568

Delta R.T. 0.008 min

Lab File: BG057243.D

Acq: 29 Apr 2023 9:17

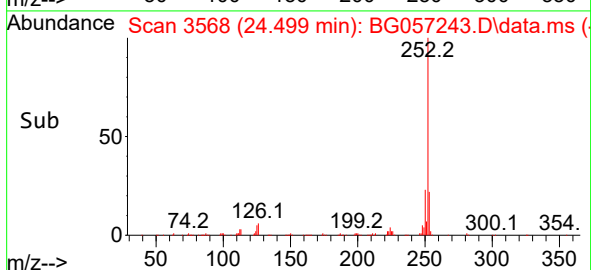
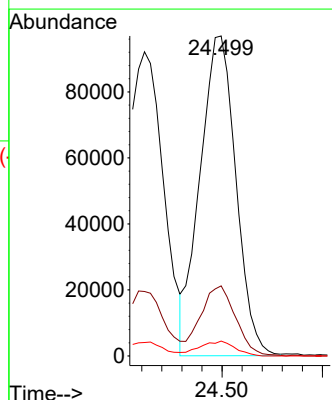
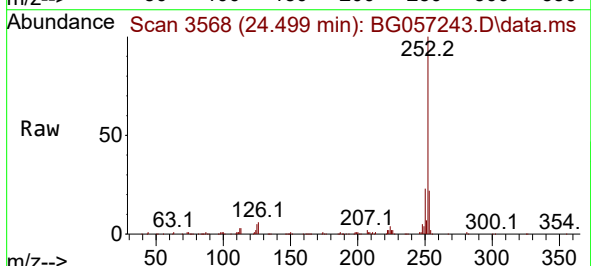
Tgt Ion:252 Resp: 241431

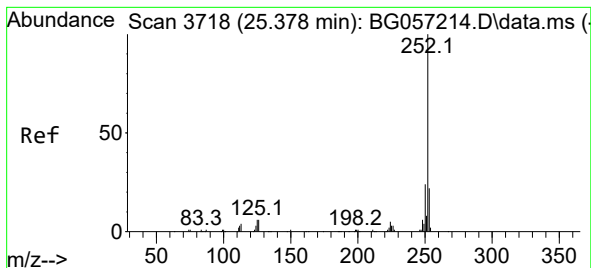
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 4.7 4.5 6.7





#93

Benzo(a)pyrene

Concen: 30.859 ng/ul

RT: 25.386 min Scan# 31

Delta R.T. 0.008 min

Lab File: BG057243.D

Acq: 29 Apr 2023 9:17

Instrument :

BNA_G

ClientSampleId :

SLCS400

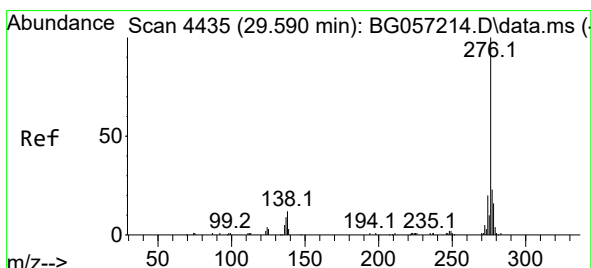
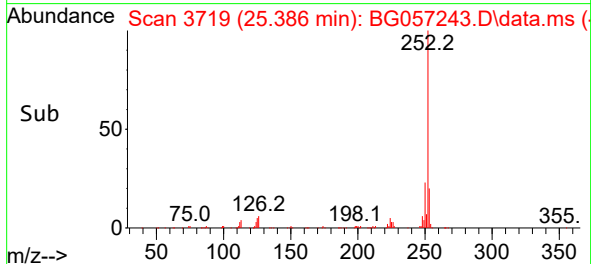
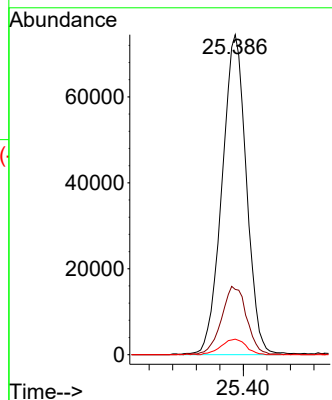
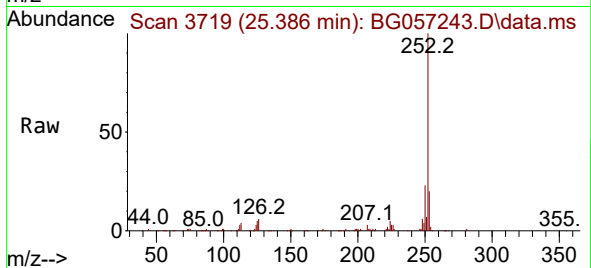
Tgt Ion:252 Resp: 213885

Ion Ratio Lower Upper

252 100

253 20.4 17.2 25.8

125 4.8 5.1 7.7#



#94

Indeno(1,2,3-cd)pyrene

Concen: 31.513 ng/ul

RT: 29.610 min Scan# 4438

Delta R.T. 0.020 min

Lab File: BG057243.D

Acq: 29 Apr 2023 9:17

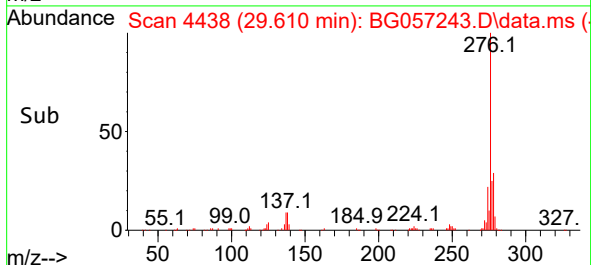
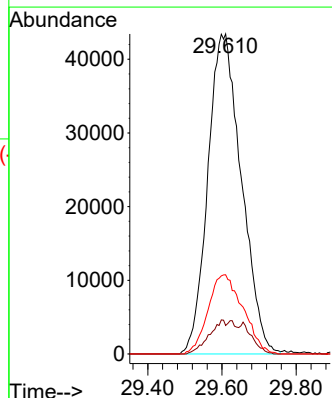
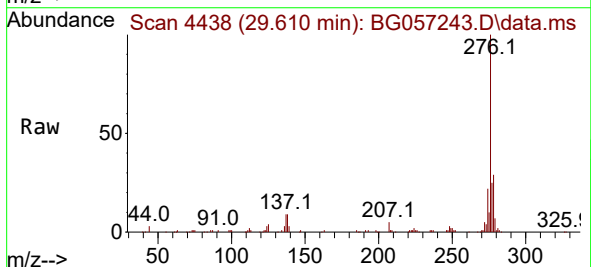
Tgt Ion:276 Resp: 273028

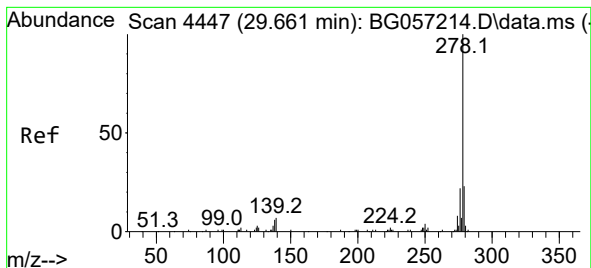
Ion Ratio Lower Upper

276 100

138 8.9 9.4 14.2#

277 24.8 18.6 28.0





#95

Dibenzo(a,h)anthracene

Concen: 32.018 ng/ul

RT: 29.663 min Scan# 4447

Delta R.T. 0.002 min

Lab File: BG057243.D

Acq: 29 Apr 2023 9:17

Instrument :

BNA_G

ClientSampleId :

SLCS400

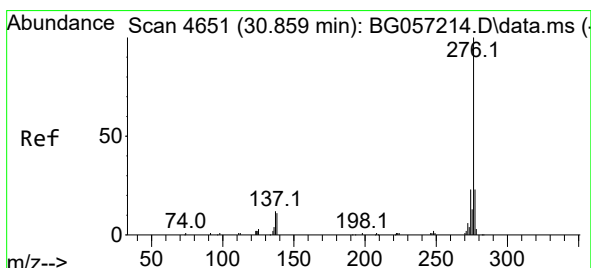
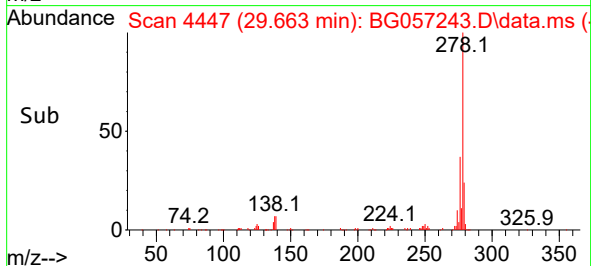
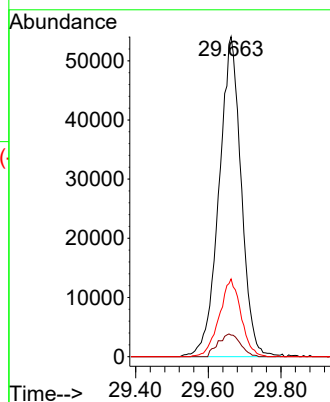
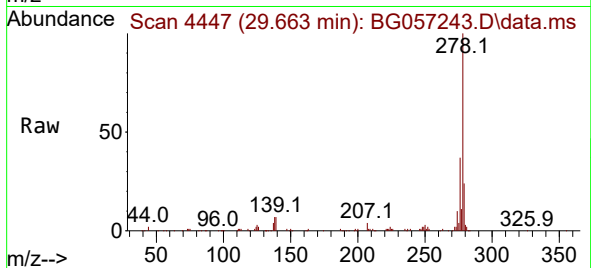
Tgt Ion:278 Resp: 230022

Ion Ratio Lower Upper

278 100

139 6.7 5.8 8.6

279 24.3 18.3 27.5



#96

Benzo(g,h,i)perylene

Concen: 31.464 ng/ul

RT: 30.879 min Scan# 4654

Delta R.T. 0.020 min

Lab File: BG057243.D

Acq: 29 Apr 2023 9:17

Tgt Ion:276 Resp: 220621

Ion Ratio Lower Upper

276 100

138 10.3 8.7 13.1

277 24.7 18.4 27.6

