

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
 Data File : BG059193.D
 Acq On : 26 Sep 2023 11:36
 Operator : MA/JU
 Sample : PB155787BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS787

Quant Time: Sep 26 22:32:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 25 22:33:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.294	152	32189	20.000	ng/ul	#-0.01
20) Naphthalene-d8	11.144	136	172109	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.927	164	122067	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.677	188	305028	20.000	ng/ul	0.00
79) Chrysene-d12	22.001	240	253508	20.000	ng/ul	0.00
88) Perylene-d12	25.550	264	283693	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.605	96	6134	7.459	ng/uL	-0.02
4) Pyridine-d5	4.040	84	93164	38.616	ng/ul	-0.02
7) Phenol-d5	7.424	99	142804	45.118	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.612	67	82540	42.495	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.818	132	97827	41.883	ng/ul	0.00
15) 4-Methylphenol-d8	8.993	113	108168	42.911	ng/ul	0.00
21) Nitrobenzene-d5	9.492	128	50605	38.104	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.215	143	59290	44.193	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.744	165	107973	42.392	ng/ul	0.00
31) 4-Chloroaniline-d4	11.285	131	153140	38.522	ng/ul	-0.01
46) Dimethylphthalate-d6	14.322	166	406794	43.332	ng/ul	0.00
49) Acenaphthylene-d8	14.628	160	447738	39.169	ng/ul	0.00
54) 4-Nitrophenol-d4	15.115	143	50707	29.605	ng/ul	0.00
60) Fluorene-d10	15.914	176	364435	42.409	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.026	200	70973	40.926	ng/ul	0.00
73) Anthracene-d10	17.777	188	553237	39.862	ng/ul	0.00
81) Pyrene-d10	20.051	212	612783	41.355	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.303	264	567887	40.995	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.646	88	12917	13.891	ng/uL#	89
5) Pyridine	4.064	79	90880	36.968	ng/ul	93
6) Benzaldehyde	7.442	77	70503	42.959	ng/ul	95
8) Phenol	7.448	94	142761	43.883	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.712	93	110316	42.236	ng/ul	95
12) 2-Chlorophenol	7.853	128	104649	43.914	ng/ul	95
13) 2-Methylphenol	8.723	108	105295	43.613	ng/ul	86
14) 2,2'-oxybis(1-Chloropr...	8.799	45	242760	44.766	ng/ul	99
16) Acetophenone	9.140	105	170520	43.939	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.105	70	88738	45.232	ng/ul	97
18) 4-Methylphenol	9.052	108	114068	44.088	ng/ul	92
19) Hexachloroethane	9.381	117	36991	39.480	ng/ul	98
22) Nitrobenzene	9.540	77	124951	41.547	ng/ul	96
23) Isophorone	10.045	82	283679	43.987	ng/ul	100
25) 2-Nitrophenol	10.245	139	61653	41.122	ng/ul	95
26) 2,4-Dimethylphenol	10.274	107	96781	34.526	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.532	93	169990	42.369	ng/ul	97
29) 2,4-Dichlorophenol	10.773	162	108088	41.980	ng/ul	97
30) Naphthalene	11.191	128	369935	40.168	ng/ul	98
32) 4-Chloroaniline	11.314	127	149975	38.325	ng/ul	93
33) Hexachlorobutadiene	11.420	225	63394	38.254	ng/ul#	81
35) 4-Chloro-3-methylphenol	12.389	107	128688	47.451	ng/ul	97
36) 2-Methylnaphthalene	12.771	142	261171	42.460	ng/ul	98
37) 1-Methylnaphthalene	12.994	142	264489	42.567	ng/ul	99

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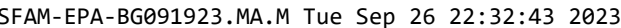
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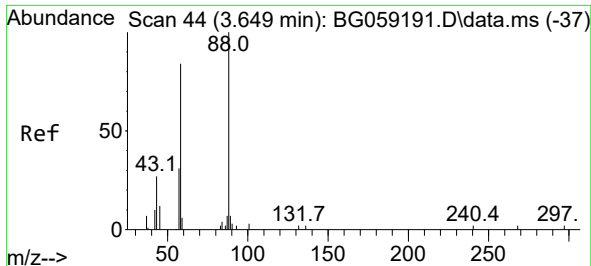
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	13.118	216	136304	38.089	ng/ul	95
40) Hexachlorocyclopentadiene	13.071	237	67593	29.627	ng/ul	97
41) 2,4,6-Trichlorophenol	13.364	196	99520	42.587	ng/ul	98
42) 2,4,5-Trichlorophenol	13.435	196	101795	40.271	ng/ul	91
43) 1,1'-Biphenyl	13.764	154	381745	39.180	ng/ul	97
44) 2-Chloronaphthalene	13.817	162	287391	38.630	ng/ul	95
45) 2-Nitroaniline	14.034	65	102919	43.643	ng/ul	95
47) Dimethylphthalate	14.369	163	421884	43.999	ng/ul	98
48) 2,6-Dinitrotoluene	14.516	165	84490	47.684	ng/ul#	88
50) Acenaphthylene	14.663	152	505288	41.385	ng/ul	100
51) 3-Nitroaniline	14.857	138	73909	37.804	ng/ul	100
52) Acenaphthene	14.992	153	343684	41.509	ng/ul	98
53) 2,4-Dinitrophenol	15.051	184	35330	33.092	ng/ul	92
55) 4-Nitrophenol	15.133	109	36316	32.082	ng/ul	95
56) Dibenzofuran	15.327	168	462058	42.074	ng/ul	96
57) 2,4-Dinitrotoluene	15.292	165	124738	48.830	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.532	232	108356	46.311	ng/ul	91
59) Diethylphthalate	15.715	149	426332	45.122	ng/ul	99
61) Fluorene	15.973	166	402453	42.918	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.956	204	205799	44.219	ng/ul	93
63) 4-Nitroaniline	16.014	138	59658	32.919	ng/ul#	80
66) 4,6-Dinitro-2-methylph...	16.044	198	75938	40.627	ng/ul	95
67) N-Nitrosodiphenylamine	16.173	169	336810	41.474	ng/ul	97
68) 4-Bromophenyl-phenylether	16.854	248	127568	42.985	ng/ul	96
69) Hexachlorobenzene	16.943	284	147351	43.348	ng/ul	94
70) Atrazine	17.107	200	119230	36.898	ng/ul	93
71) Pentachlorophenol	17.301	266	70845	32.086	ng/ul	93
72) Phenanthrene	17.724	178	719361	42.143	ng/ul	98
74) Anthracene	17.812	178	705288	40.437	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.723	216	140442	34.535	ng/uL	95
76) Pentachlorobenzene	15.221	250	147520	39.219	ng/uL	96
77) Carbazole	18.088	167	565438	38.994	ng/ul	98
78) Di-n-butylphthalate	18.594	149	755459	42.290	ng/ul	99
80) Fluoranthene	19.716	202	805741	43.637	ng/ul	98
82) Pyrene	20.080	202	838305	43.525	ng/ul	99
83) Butylbenzylphthalate	20.938	149	320521	46.071	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.890	252	187759	30.649	ng/ul	99
85) Benzo(a)anthracene	21.978	228	752950	40.910	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.807	149	492418	47.307	ng/ul	99
87) Chrysene	22.054	228	716728	41.756	ng/ul	99
89) Di-n-octyl phthalate	23.129	149	818267	47.178	ng/ul	100
90) Benzo(b)fluoranthene	24.399	252	779262	45.078	ng/ul	99
91) Benzo(k)fluoranthene	24.481	252	778164	43.417	ng/ul	97
93) Benzo(a)pyrene	25.386	252	699439	42.100	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.663	276	546782	28.938	ng/ul	94
95) Dibenzo(a,h)anthracene	29.745	278	489397	32.230	ng/ul	98
96) Benzo(g,h,i)perylene	30.979	276	627364	41.218	ng/ul	97

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

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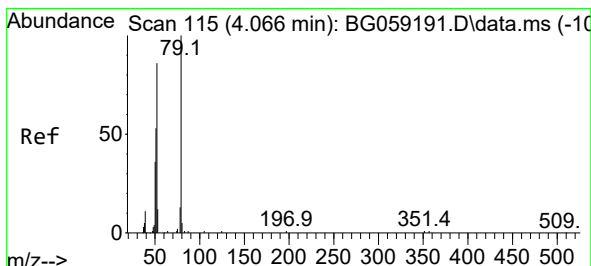
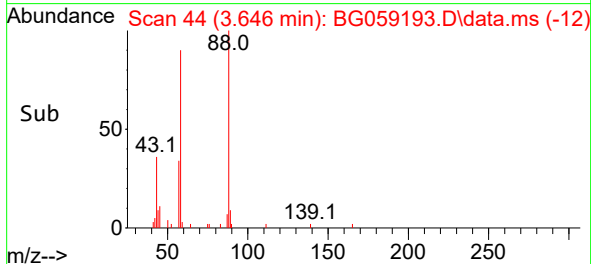
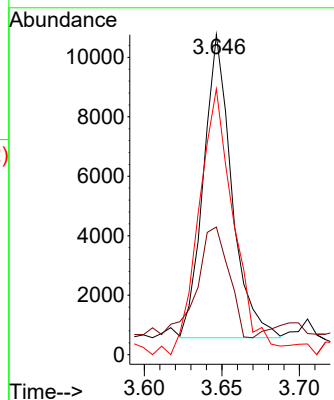
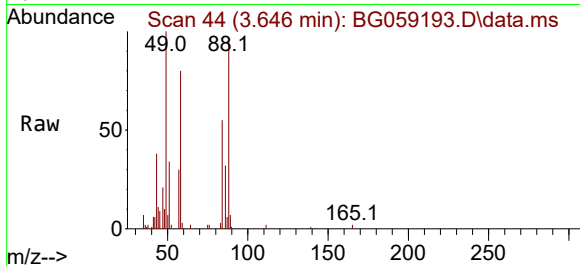




#2
 1,4-Dioxane
 Concen: 13.891 ng/uL
 RT: 3.646 min Scan# 44
 Delta R.T. -0.012 min
 Lab File: BG059193.D
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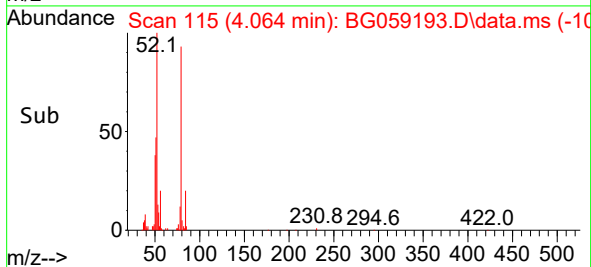
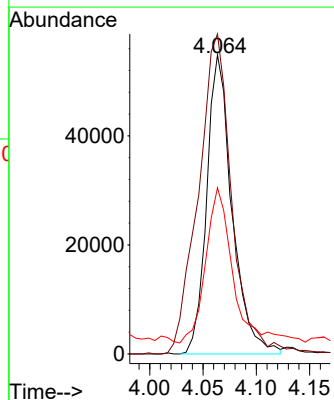
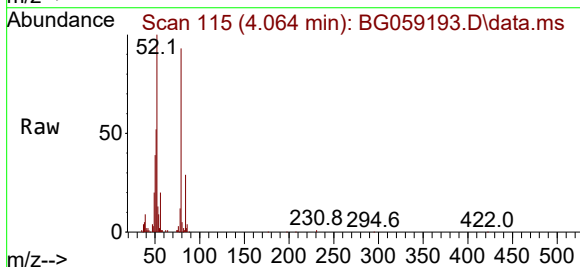
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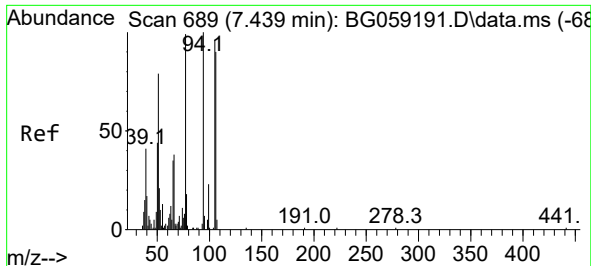
Tgt Ion: 88 Resp: 12917
 Ion Ratio Lower Upper
 88 100
 43 39.9 24.5 36.7#
 58 83.1 60.6 91.0



#5
 Pyridine
 Concen: 36.968 ng/uL
 RT: 4.064 min Scan# 115
 Delta R.T. -0.012 min
 Lab File: BG059193.D
 Acq: 26 Sep 2023 11:36

Tgt Ion: 79 Resp: 90880
 Ion Ratio Lower Upper
 79 100
 52 107.0 90.6 135.8
 51 55.6 39.6 59.4

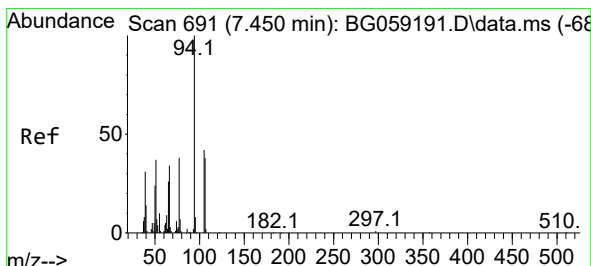
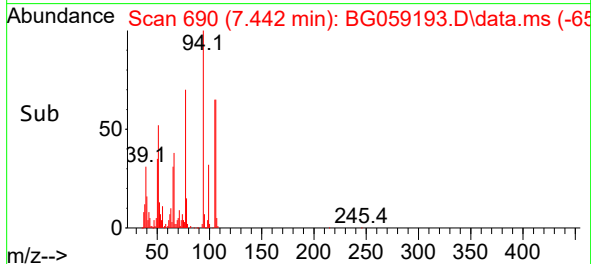
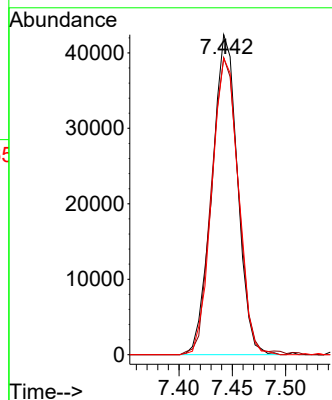
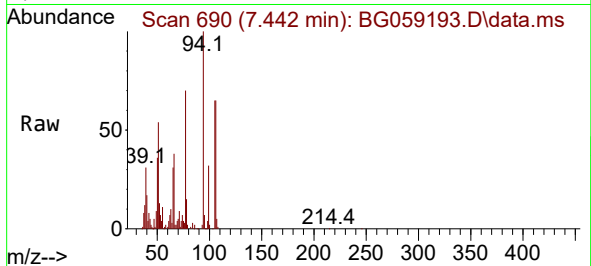




#6
Benzaldehyde
Concen: 42.959 ng/ul
RT: 7.442 min Scan# 690
Delta R.T. -0.012 min
Lab File: BG059193.D
Acq: 26 Sep 2023 11:36

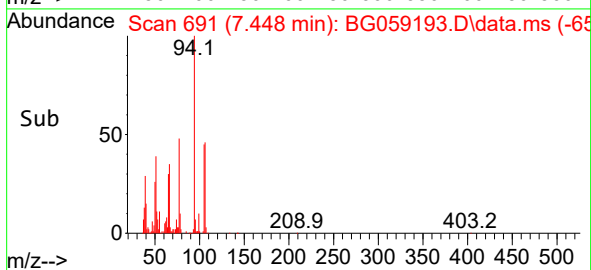
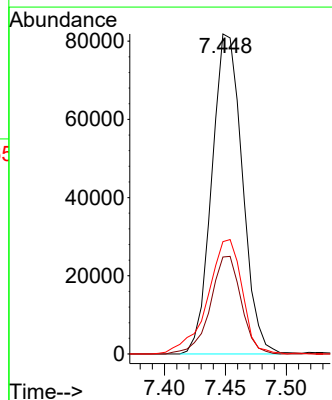
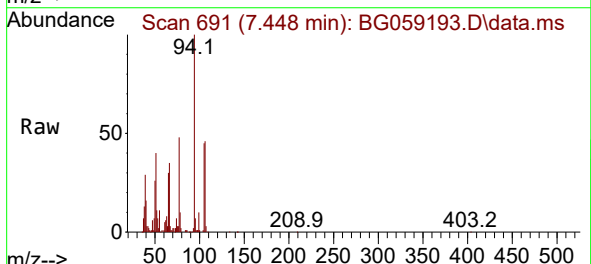
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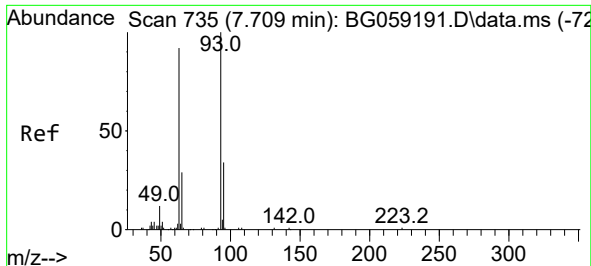
Tgt Ion: 77 Resp: 70503
Ion Ratio Lower Upper
77 100
105 92.8 76.9 115.3
106 92.7 69.4 104.0



#8
Phenol
Concen: 43.883 ng/ul
RT: 7.448 min Scan# 691
Delta R.T. -0.012 min
Lab File: BG059193.D
Acq: 26 Sep 2023 11:36

Tgt Ion: 94 Resp: 142761
Ion Ratio Lower Upper
94 100
65 30.3 24.4 36.6
66 35.1 28.4 42.6

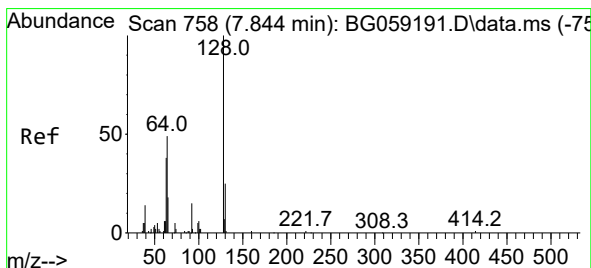
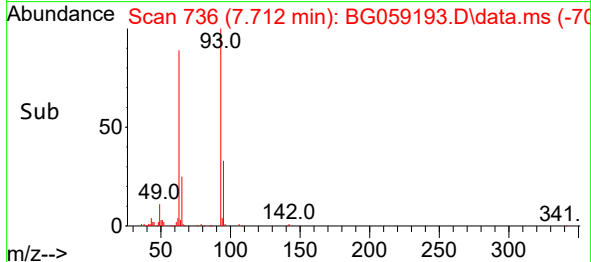
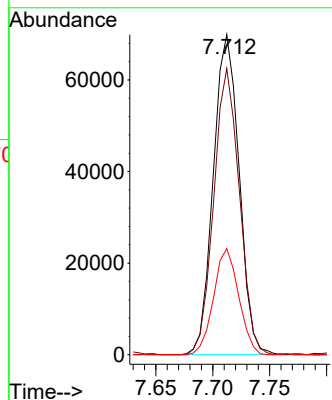
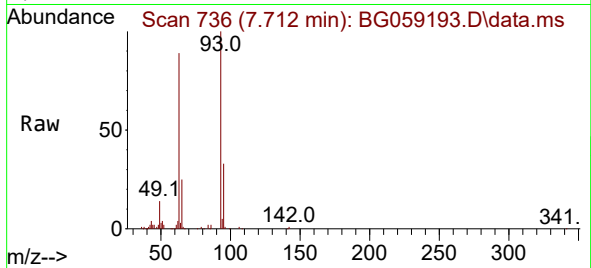




#10
Bis(2-Chloroethyl)ether
Concen: 42.236 ng/ul
RT: 7.712 min Scan# 710
Delta R.T. -0.012 min
Lab File: BG059193.D
Acq: 26 Sep 2023 11:36

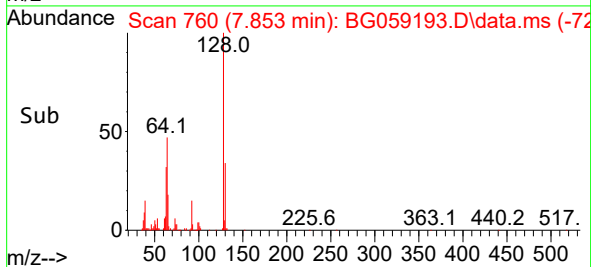
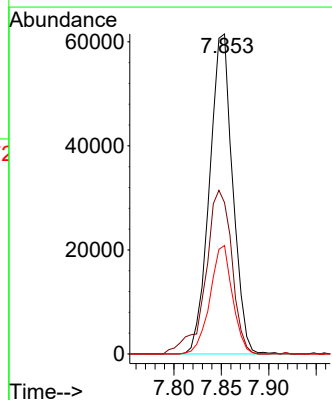
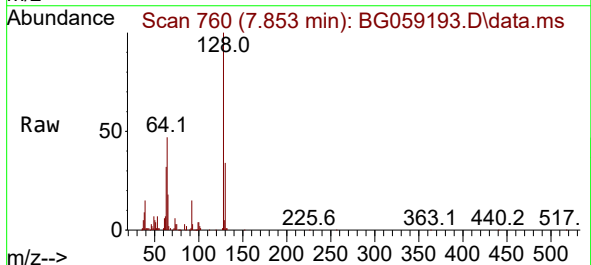
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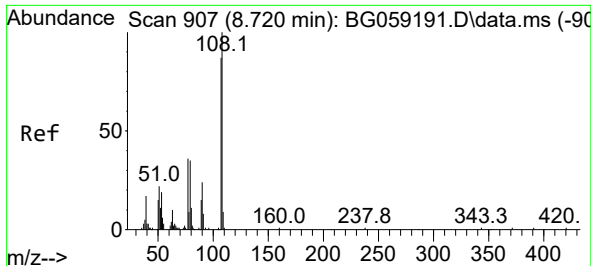
Tgt Ion: 93 Resp: 110316
Ion Ratio Lower Upper
93 100
63 89.4 68.3 102.5
95 33.1 23.8 35.8



#12
2-Chlorophenol
Concen: 43.914 ng/ul
RT: 7.853 min Scan# 760
Delta R.T. -0.006 min
Lab File: BG059193.D
Acq: 26 Sep 2023 11:36

Tgt Ion:128 Resp: 104649
Ion Ratio Lower Upper
128 100
64 47.3 40.3 60.5
130 33.9 24.0 36.0

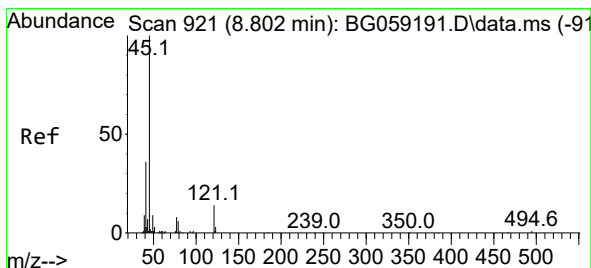
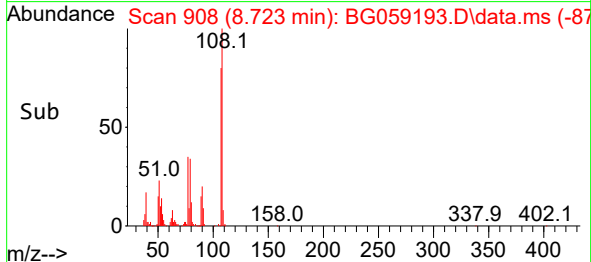
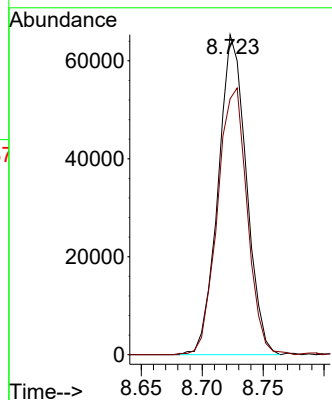
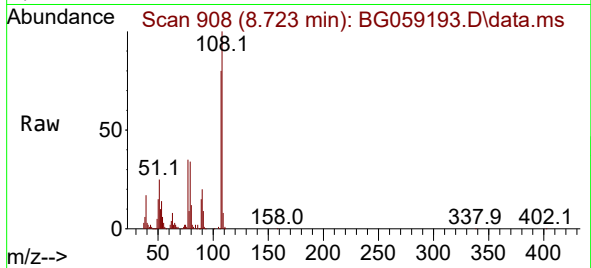




#13
2-Methylphenol
Concen: 43.613 ng/ul
RT: 8.723 min Scan# 907
Delta R.T. -0.006 min
Lab File: BG059193.D
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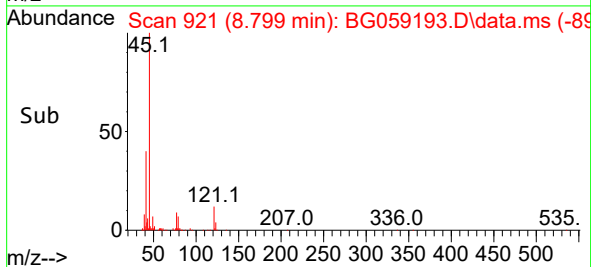
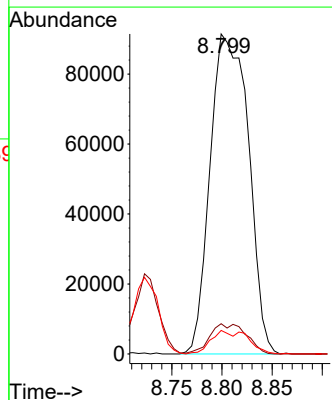
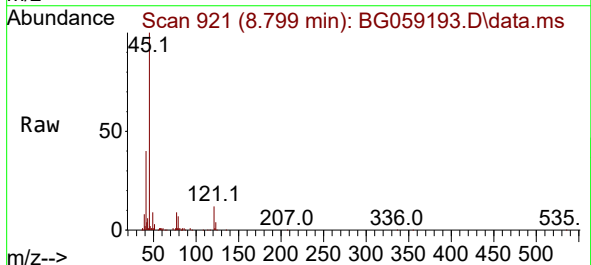
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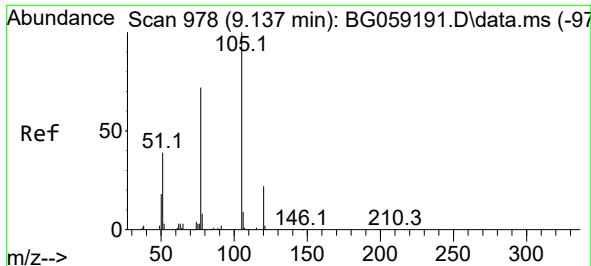
Tgt Ion:108 Resp: 105295
Ion Ratio Lower Upper
108 100
107 80.0 75.1 112.7



#14
2,2'-oxybis(1-Chloropropane)
Concen: 44.766 ng/ul
RT: 8.799 min Scan# 921
Delta R.T. -0.018 min
Lab File: BG059193.D
Acq: 26 Sep 2023 11:36

Tgt Ion: 45 Resp: 242760
Ion Ratio Lower Upper
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77 9.5 7.8 11.6
79 7.4 5.6 8.4

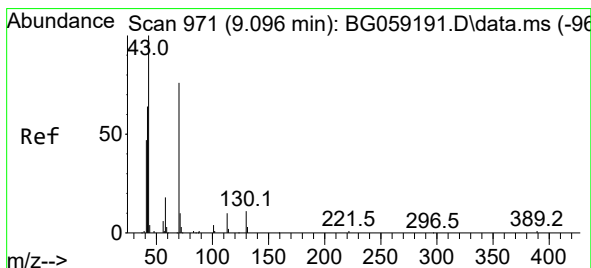
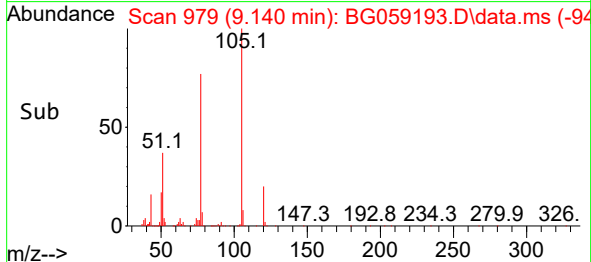
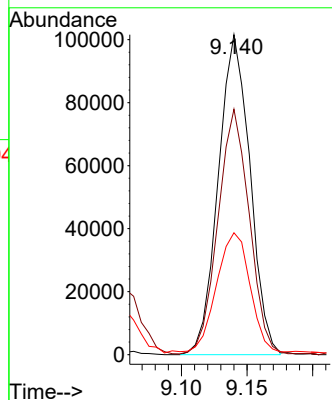
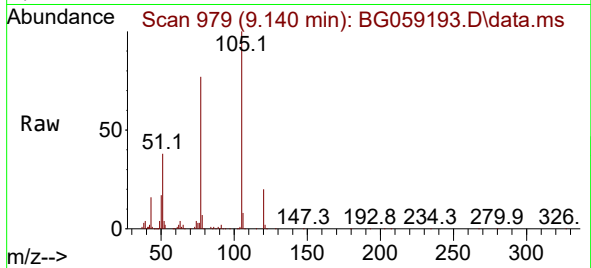




#16
Acetophenone
Concen: 43.939 ng/ul
RT: 9.140 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG059193.D
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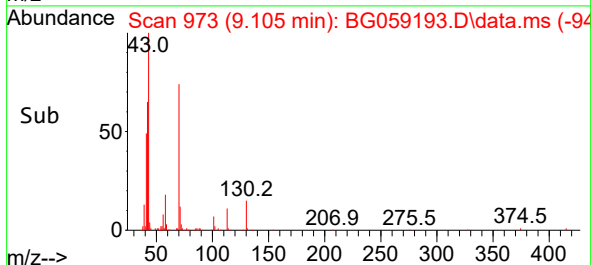
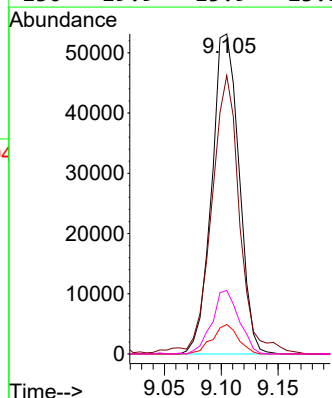
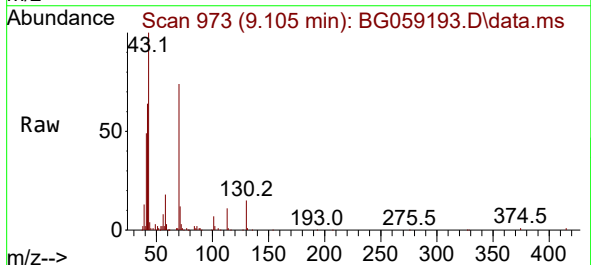
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ClientSampleId :
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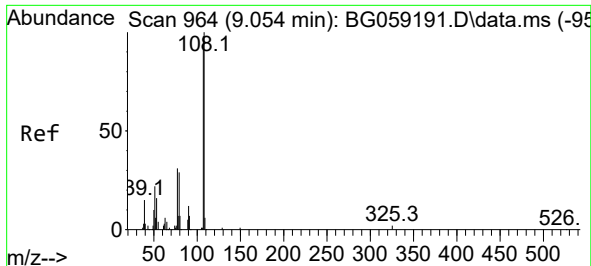
Tgt Ion:105 Resp: 170520
Ion Ratio Lower Upper
105 100
77 76.7 57.2 85.8
51 38.1 31.6 47.4



#17
N-Nitroso-di-n-propylamine
Concen: 45.232 ng/ul
RT: 9.105 min Scan# 973
Delta R.T. -0.006 min
Lab File: BG059193.D
Acq: 26 Sep 2023 11:36

Tgt Ion: 70 Resp: 88738
Ion Ratio Lower Upper
70 100
42 87.0 67.1 100.7
101 9.2 7.6 11.4
130 19.9 15.9 23.9

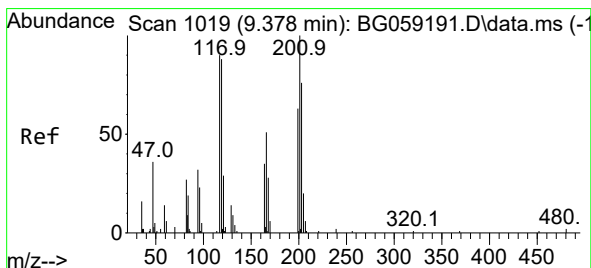
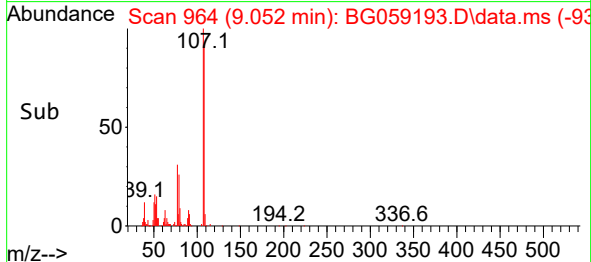
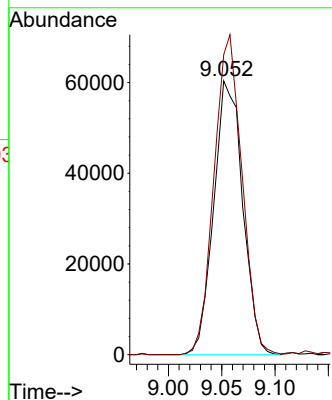
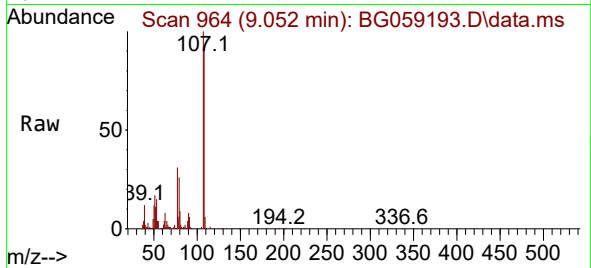




#18
4-Methylphenol
Concen: 44.088 ng/ul
RT: 9.052 min Scan# 90
Delta R.T. -0.012 min
Lab File: BG059193.D
Acq: 26 Sep 2023 11:36

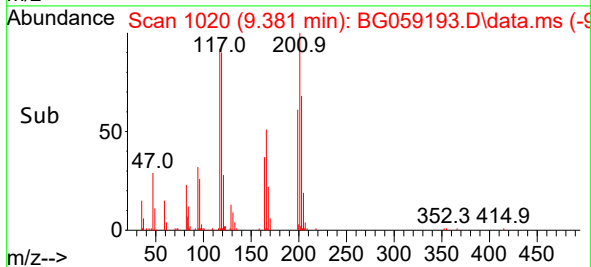
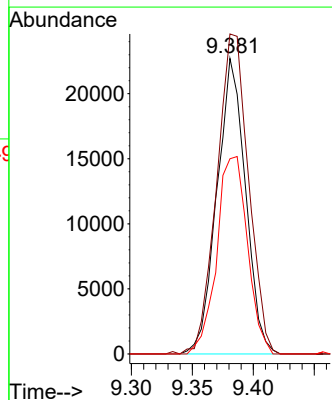
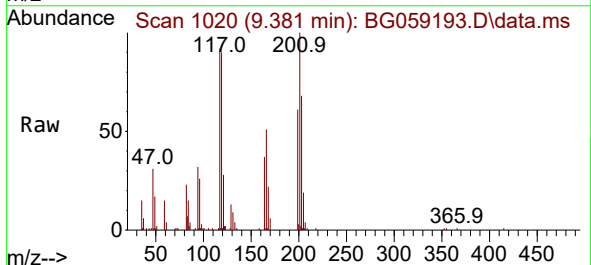
Instrument :
BNA_G
ClientSampleId :
SLCS787

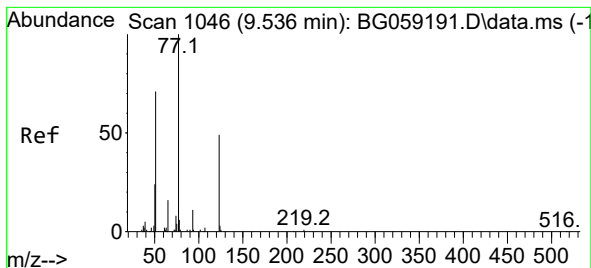
Tgt Ion:108 Resp: 114068
Ion Ratio Lower Upper
108 100
107 109.6 94.4 141.6



#19
Hexachloroethane
Concen: 39.480 ng/ul
RT: 9.381 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BG059193.D
Acq: 26 Sep 2023 11:36

Tgt Ion:117 Resp: 36991
Ion Ratio Lower Upper
117 100
201 108.3 86.4 129.6
199 66.1 56.2 84.2

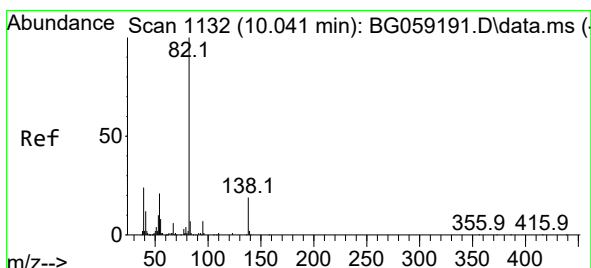
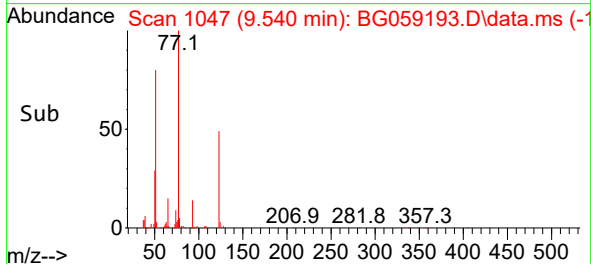
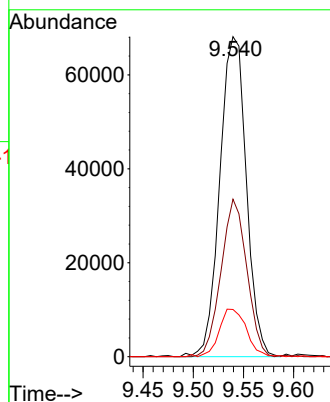
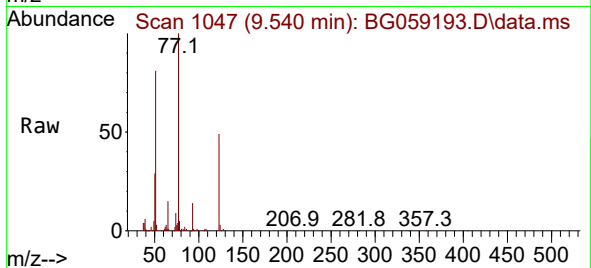




#22
Nitrobenzene
Concen: 41.547 ng/ul
RT: 9.540 min Scan# 1046
Delta R.T. -0.012 min
Lab File: BG059193.D
Acq: 26 Sep 2023 11:36

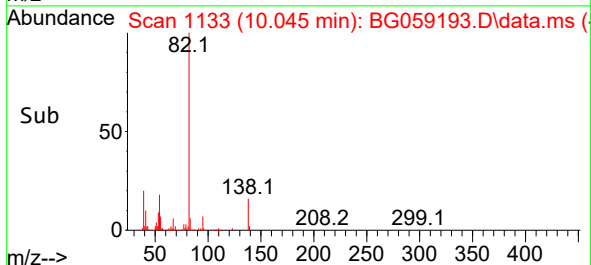
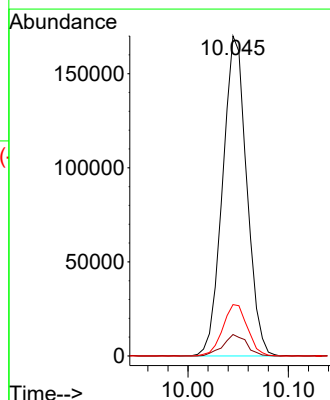
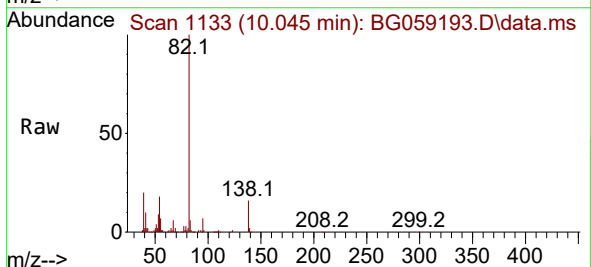
Instrument :
BNA_G
ClientSampleId :
SLCS787

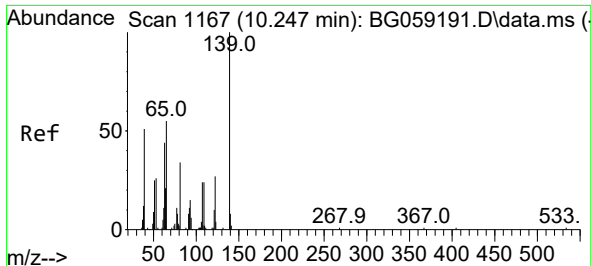
Tgt Ion: 77 Resp: 124951
Ion Ratio Lower Upper
77 100
123 49.2 41.8 62.8
65 14.8 12.3 18.5



#23
Isophorone
Concen: 43.987 ng/ul
RT: 10.045 min Scan# 1133
Delta R.T. -0.012 min
Lab File: BG059193.D
Acq: 26 Sep 2023 11:36

Tgt Ion: 82 Resp: 283679
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.2
138 16.1 12.7 19.1

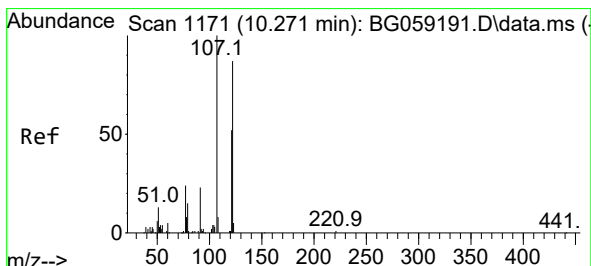
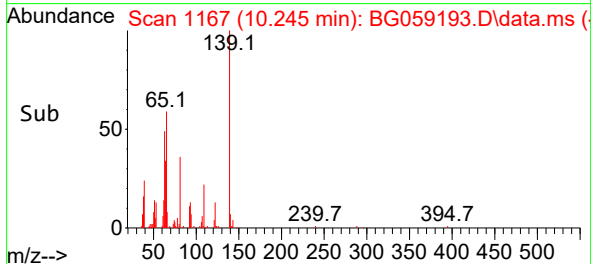
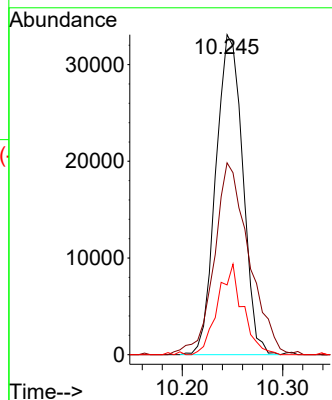
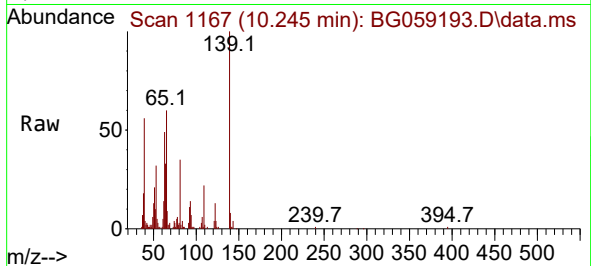




#25
2-Nitrophenol
Concen: 41.122 ng/ul
RT: 10.245 min Scan# 1167
Delta R.T. -0.018 min
Lab File: BG059193.D
Acq: 26 Sep 2023 11:36

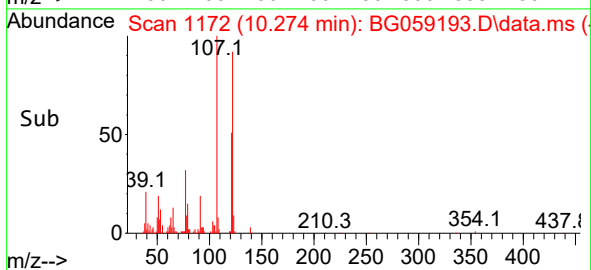
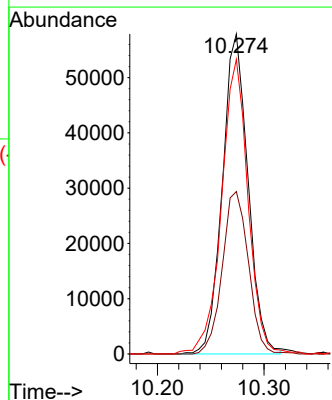
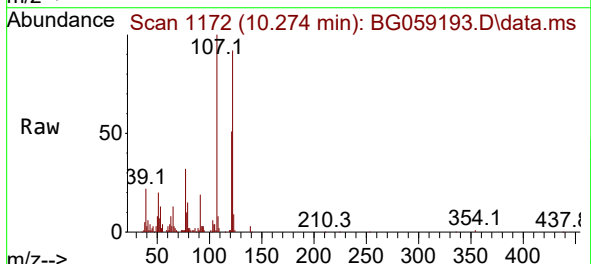
Instrument :
BNA_G
ClientSampleId :
SLCS787

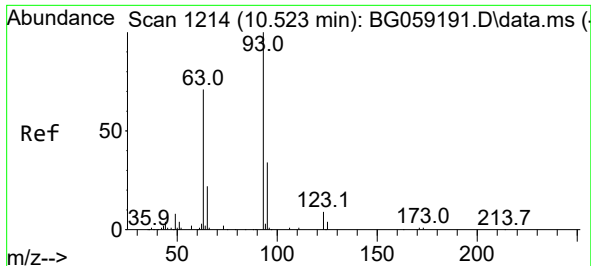
Tgt Ion:139 Resp: 61653
Ion Ratio Lower Upper
139 100
65 60.0 46.4 69.6
109 21.8 21.6 32.4



#26
2,4-Dimethylphenol
Concen: 34.526 ng/ul
RT: 10.274 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BG059193.D
Acq: 26 Sep 2023 11:36

Tgt Ion:107 Resp: 96781
Ion Ratio Lower Upper
107 100
121 50.8 41.4 62.0
122 92.1 80.6 120.8





#27

Bis(2-Chloroethoxy)methane

Concen: 42.369 ng/ul

RT: 10.532 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BG059193.D

Acq: 26 Sep 2023 11:36

Instrument :

BNA_G

ClientSampleId :

SLCS787

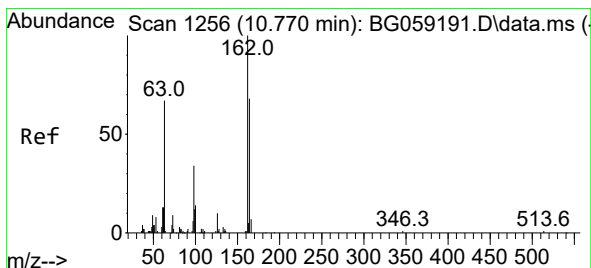
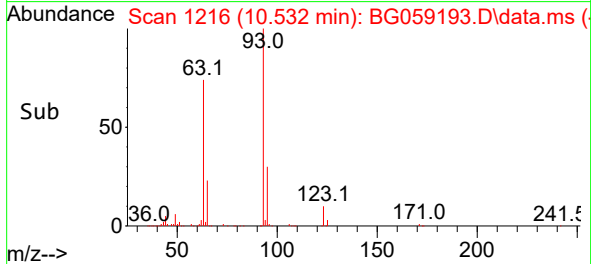
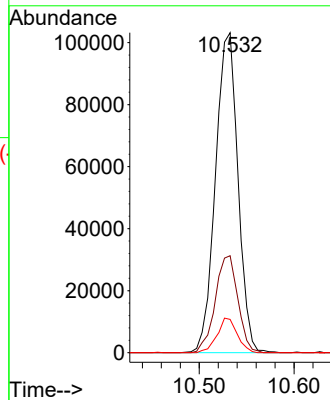
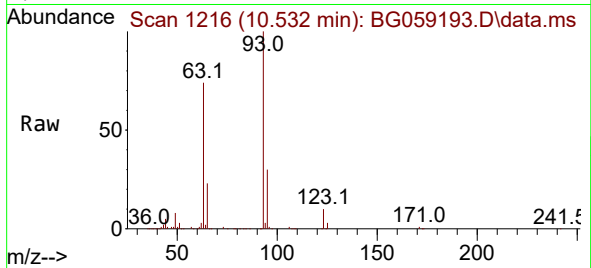
Tgt Ion: 93 Resp: 169990

Ion Ratio Lower Upper

93 100

95 30.3 26.1 39.1

123 10.4 8.7 13.1



#29

2,4-Dichlorophenol

Concen: 41.980 ng/ul

RT: 10.773 min Scan# 1257

Delta R.T. -0.006 min

Lab File: BG059193.D

Acq: 26 Sep 2023 11:36

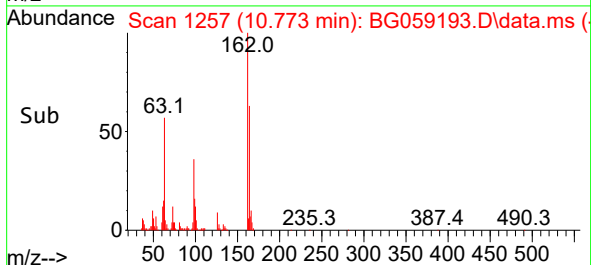
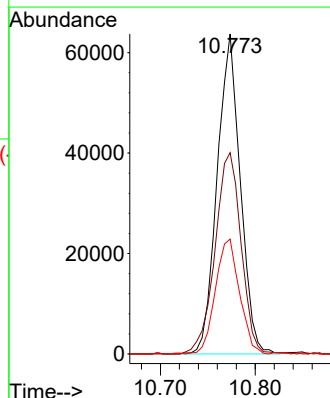
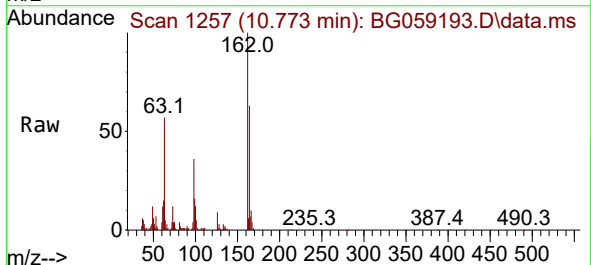
Tgt Ion:162 Resp: 108088

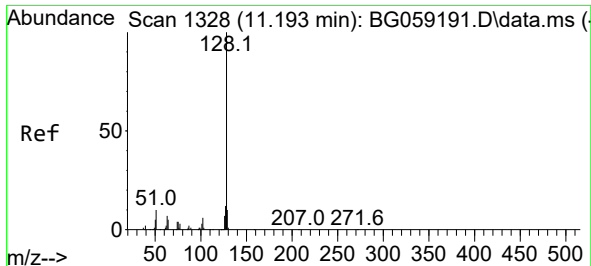
Ion Ratio Lower Upper

162 100

164 62.9 49.8 74.8

98 35.9 25.9 38.9

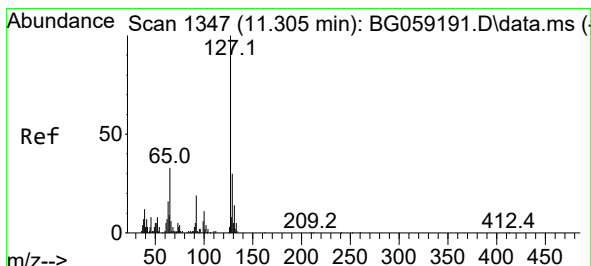
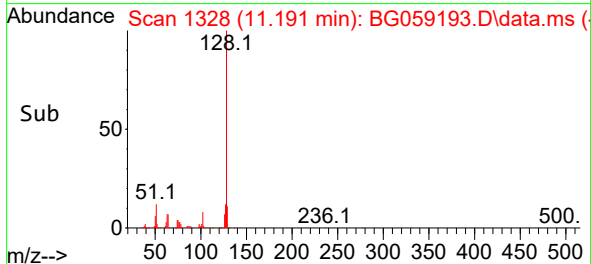
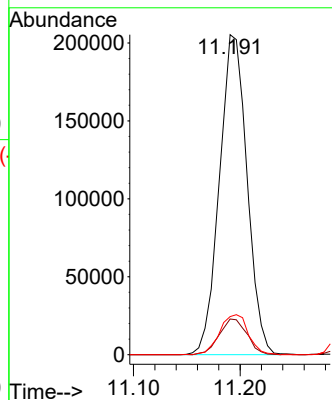
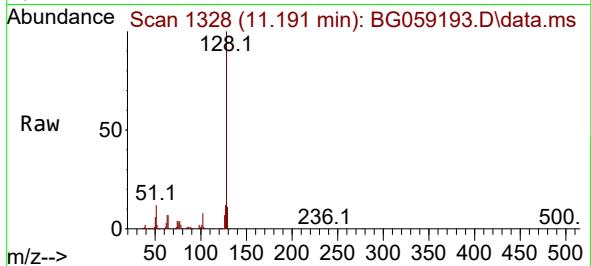




#30
Naphthalene
Concen: 40.168 ng/ul
RT: 11.191 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG059193.D
Acq: 26 Sep 2023 11:36

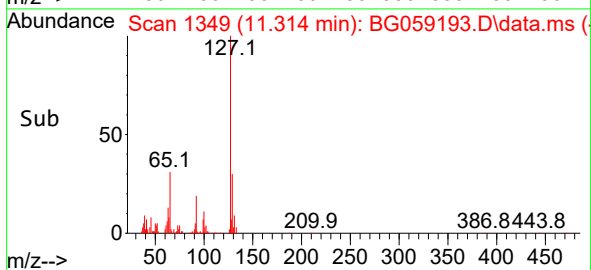
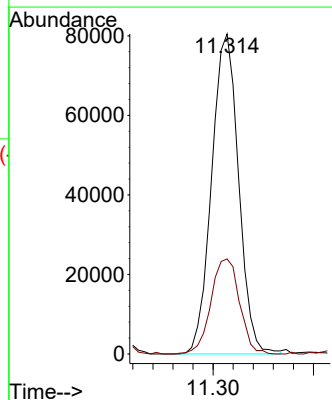
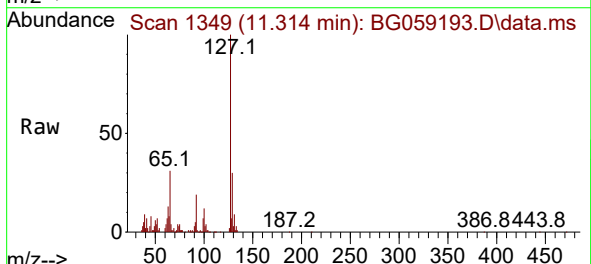
Instrument :
BNA_G
ClientSampleId :
SLCS787

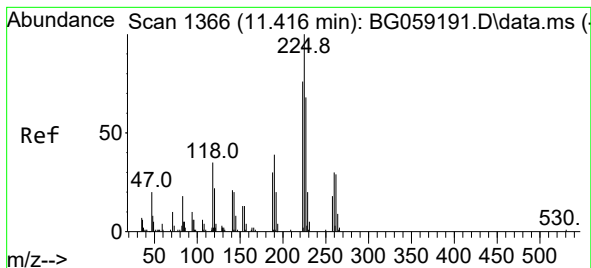
Tgt Ion:128 Resp: 369935
Ion Ratio Lower Upper
128 100
129 11.2 8.4 12.6
127 11.9 10.2 15.4



#32
4-Chloroaniline
Concen: 38.325 ng/ul
RT: 11.314 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BG059193.D
Acq: 26 Sep 2023 11:36

Tgt Ion:127 Resp: 149975
Ion Ratio Lower Upper
127 100
129 29.7 27.2 40.8





#33

Hexachlorobutadiene

Concen: 38.254 ng/ul

RT: 11.420 min Scan# 1

Delta R.T. -0.012 min

Lab File: BG059193.D

Acq: 26 Sep 2023 11:36

Instrument :

BNA_G

ClientSampleId :

SLCS787

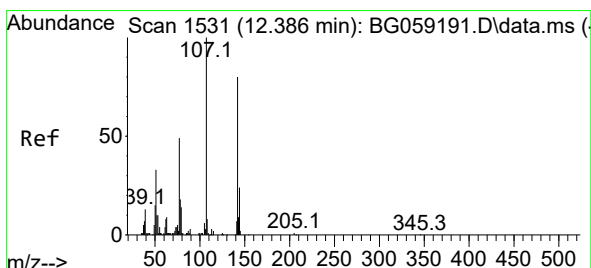
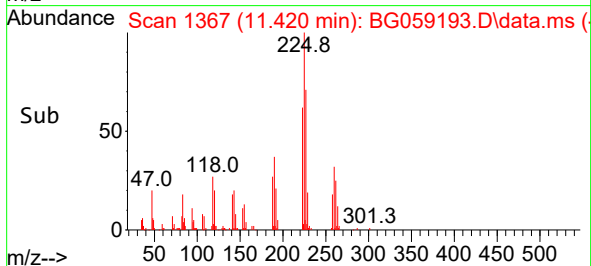
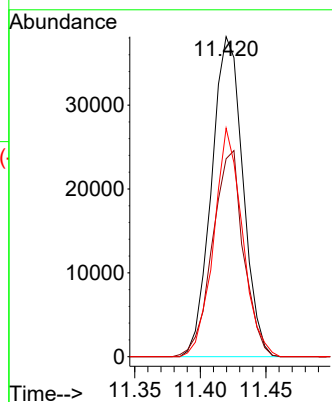
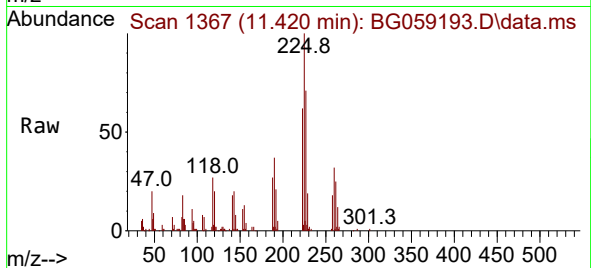
Tgt Ion:225 Resp: 63394

Ion Ratio Lower Upper

225 100

223 61.8 39.0 58.4#

227 71.4 45.7 68.5#



#35

4-Chloro-3-methylphenol

Concen: 47.451 ng/ul

RT: 12.389 min Scan# 1532

Delta R.T. -0.006 min

Lab File: BG059193.D

Acq: 26 Sep 2023 11:36

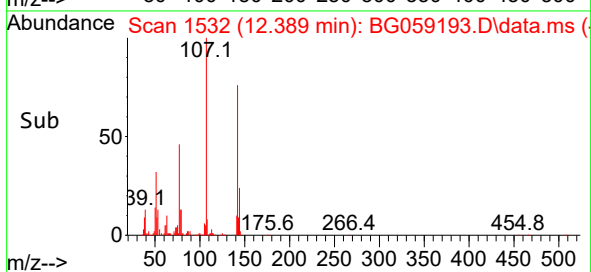
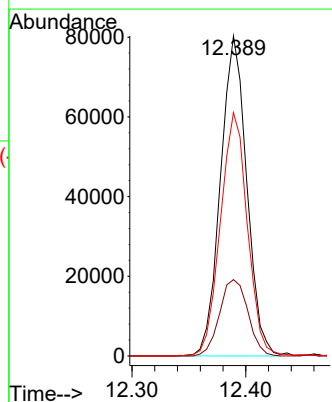
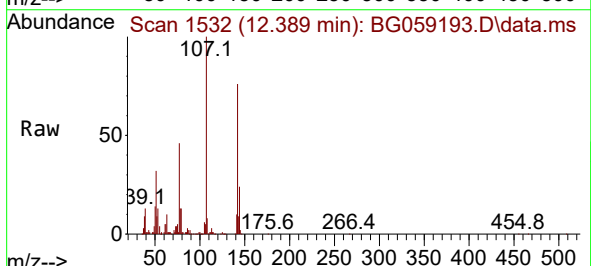
Tgt Ion:107 Resp: 128688

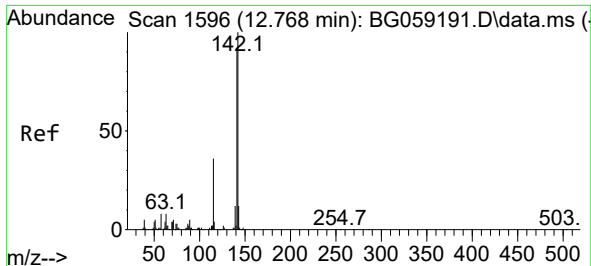
Ion Ratio Lower Upper

107 100

144 23.8 20.1 30.1

142 76.0 62.7 94.1

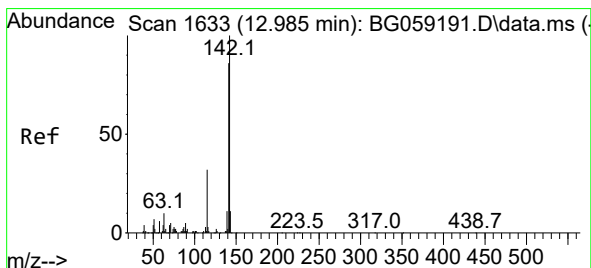
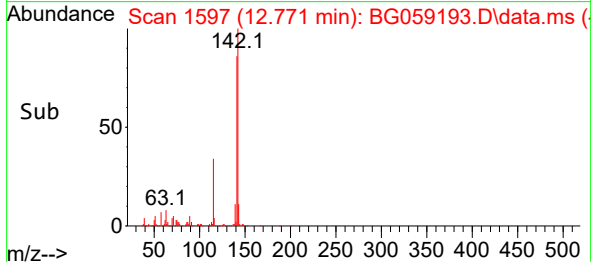
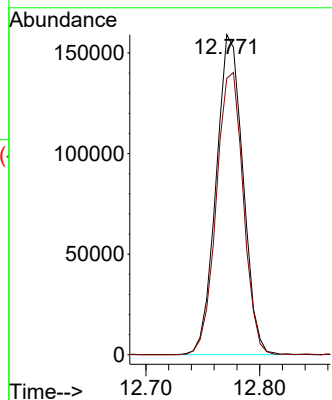
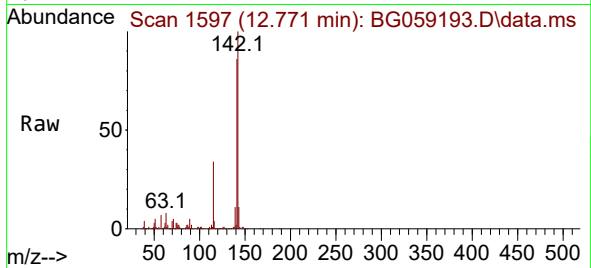




#36
2-Methylnaphthalene
Concen: 42.460 ng/ul
RT: 12.771 min Scan# 1597
Delta R.T. -0.012 min
Lab File: BG059193.D
Acq: 26 Sep 2023 11:36

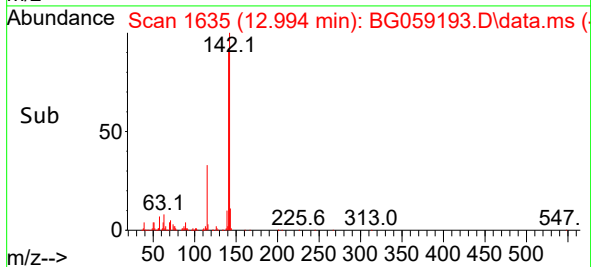
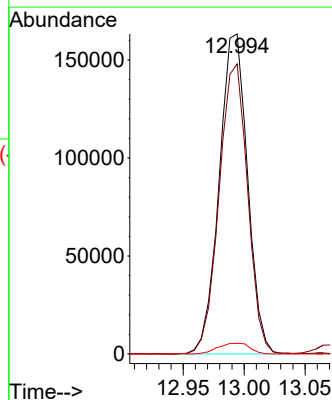
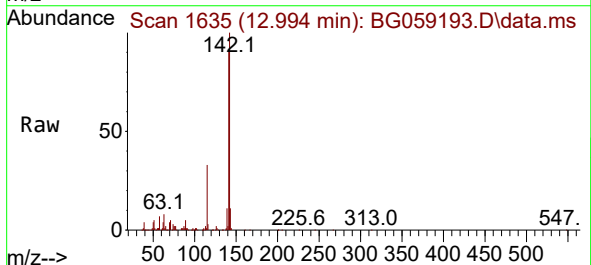
Instrument :
BNA_G
ClientSampleId :
SLCS787

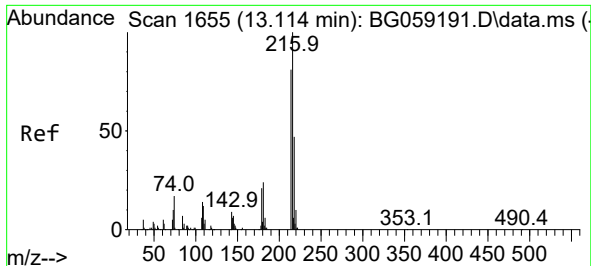
Tgt Ion:142 Resp: 261171
Ion Ratio Lower Upper
142 100
141 86.3 70.6 106.0



#37
1-Methylnaphthalene
Concen: 42.567 ng/ul
RT: 12.994 min Scan# 1635
Delta R.T. -0.006 min
Lab File: BG059193.D
Acq: 26 Sep 2023 11:36

Tgt Ion:142 Resp: 264489
Ion Ratio Lower Upper
142 100
141 90.6 72.0 108.0
116 3.3 2.7 4.1

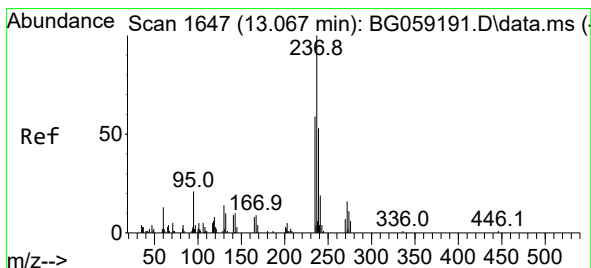
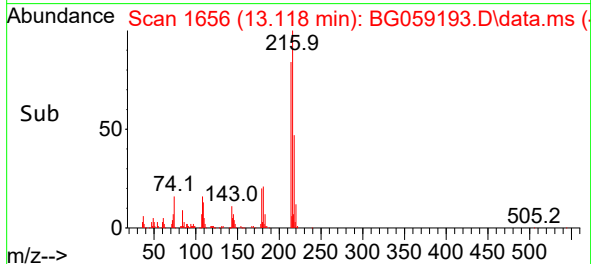
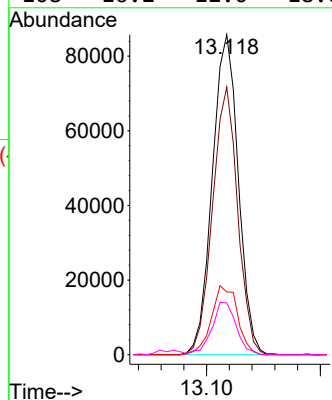
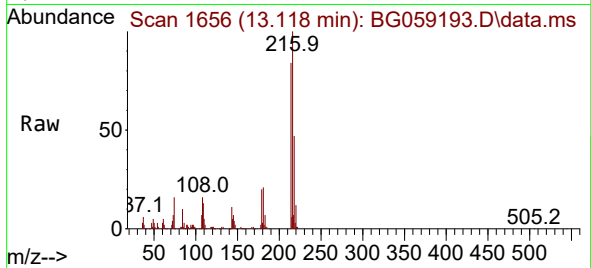




#39
1,2,4,5-Tetrachlorobenzene
Concen: 38.089 ng/ul
RT: 13.118 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG059193.D
Acq: 26 Sep 2023 11:36

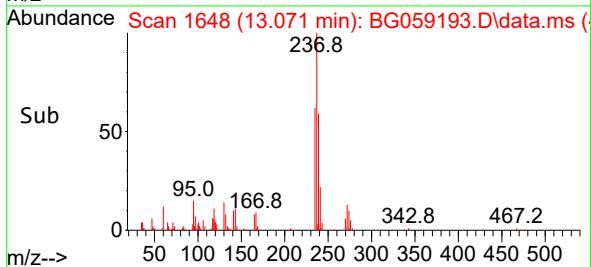
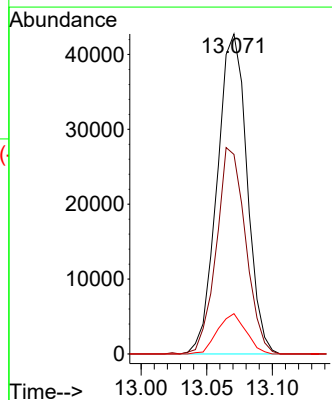
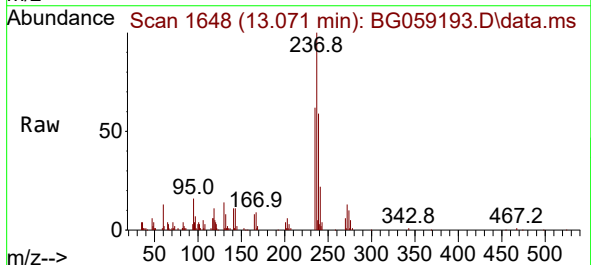
Instrument :
BNA_G
ClientSampleId :
SLCS787

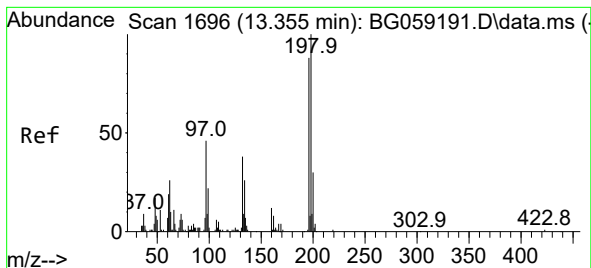
Tgt Ion:216 Resp: 136304
Ion Ratio Lower Upper
216 100
214 83.6 62.6 94.0
179 19.6 16.0 24.0
108 16.2 12.0 18.0



#40
Hexachlorocyclopentadiene
Concen: 29.627 ng/ul
RT: 13.071 min Scan# 1648
Delta R.T. -0.006 min
Lab File: BG059193.D
Acq: 26 Sep 2023 11:36

Tgt Ion:237 Resp: 67593
Ion Ratio Lower Upper
237 100
235 62.4 51.6 77.4
272 12.6 10.6 15.8





#41

2,4,6-Trichlorophenol

Concen: 42.587 ng/ul

RT: 13.364 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG059193.D

Acq: 26 Sep 2023 11:36

Instrument :

BNA_G

ClientSampleId :

SLCS787

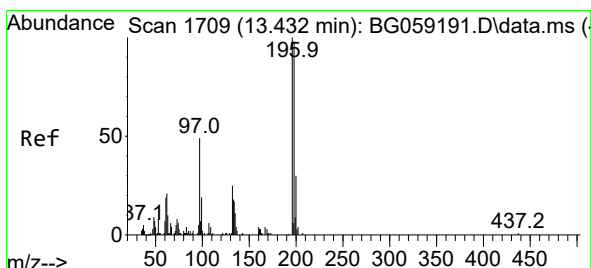
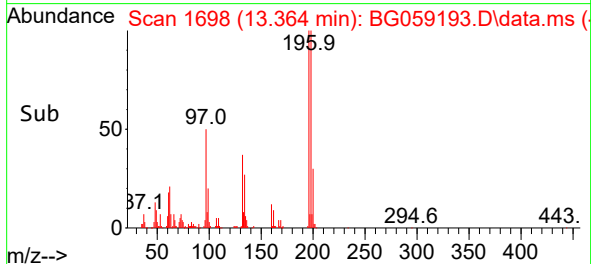
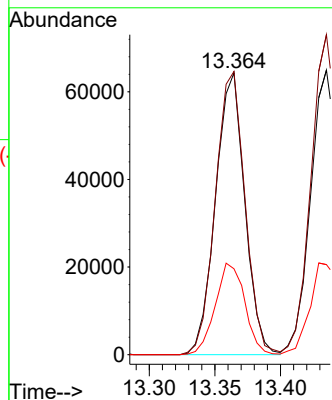
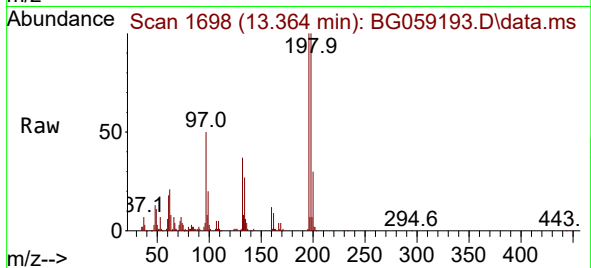
Tgt Ion:196 Resp: 99520

Ion Ratio Lower Upper

196 100

198 100.5 78.5 117.7

200 30.5 24.4 36.6



#42

2,4,5-Trichlorophenol

Concen: 40.271 ng/ul

RT: 13.435 min Scan# 1710

Delta R.T. -0.006 min

Lab File: BG059193.D

Acq: 26 Sep 2023 11:36

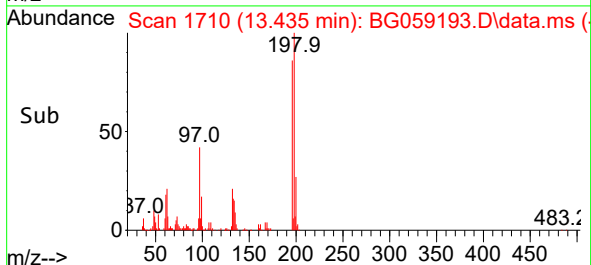
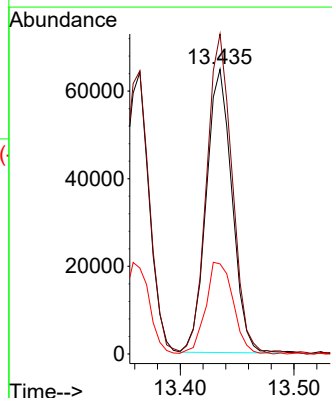
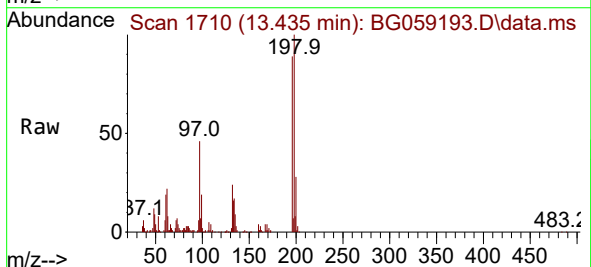
Tgt Ion:196 Resp: 101795

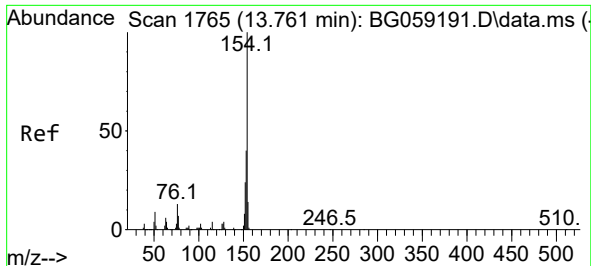
Ion Ratio Lower Upper

196 100

198 112.4 81.0 121.6

200 31.6 27.1 40.7

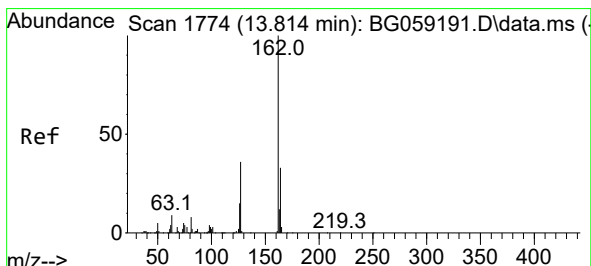
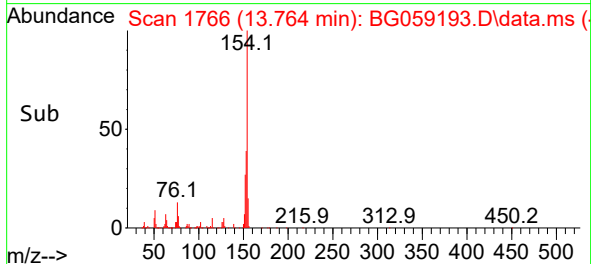
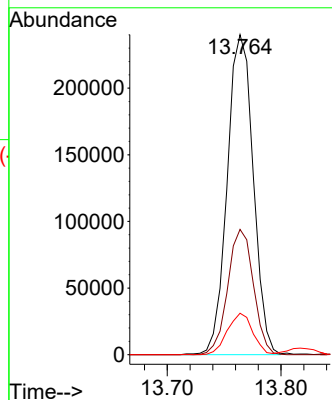
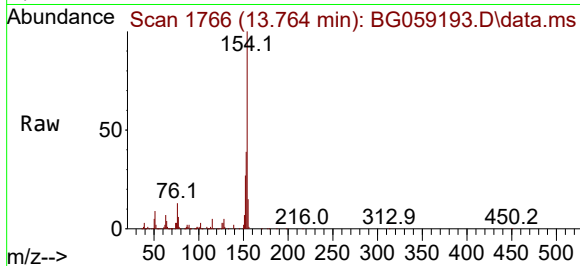




#43
1,1'-Biphenyl
Concen: 39.180 ng/ul
RT: 13.764 min Scan# 1765
Delta R.T. -0.006 min
Lab File: BG059193.D
Acq: 26 Sep 2023 11:36

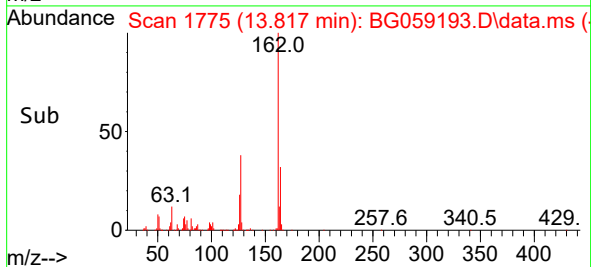
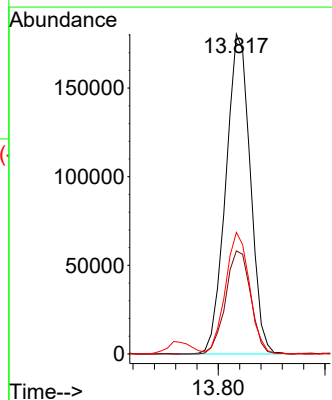
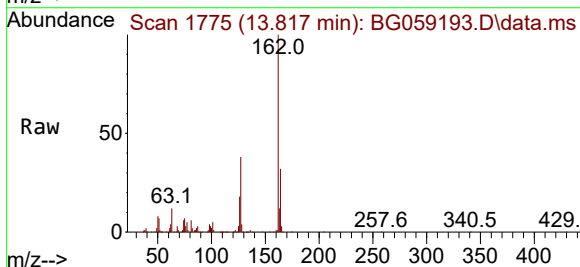
Instrument :
BNA_G
ClientSampleId :
SLCS787

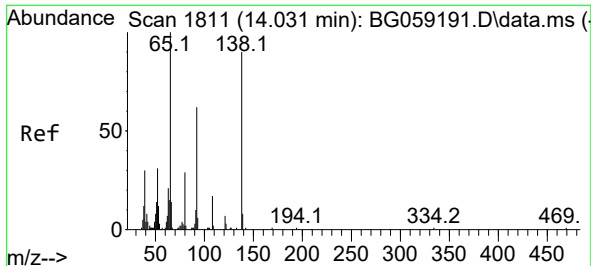
Tgt Ion:154 Resp: 381745
Ion Ratio Lower Upper
154 100
153 39.2 33.2 49.8
76 12.9 9.8 14.8



#44
2-Chloronaphthalene
Concen: 38.630 ng/ul
RT: 13.817 min Scan# 1775
Delta R.T. -0.006 min
Lab File: BG059193.D
Acq: 26 Sep 2023 11:36

Tgt Ion:162 Resp: 287391
Ion Ratio Lower Upper
162 100
164 32.2 27.2 40.8
127 38.0 27.4 41.2

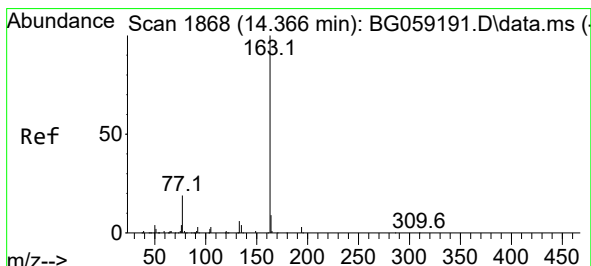
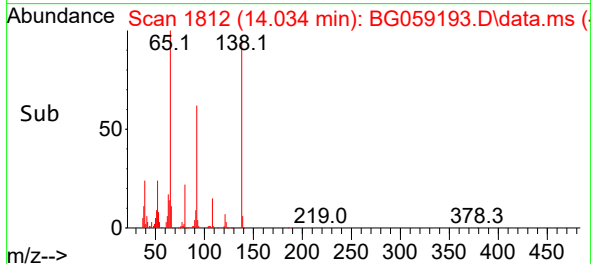
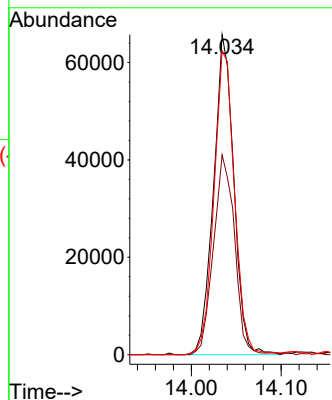
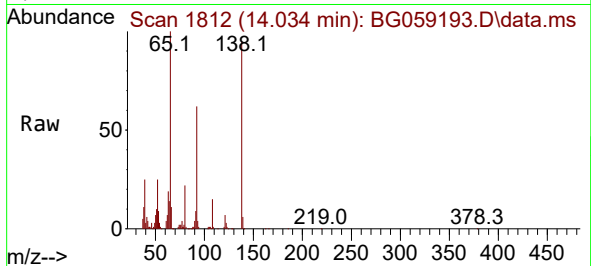




#45
2-Nitroaniline
Concen: 43.643 ng/ul
RT: 14.034 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BG059193.D
Acq: 26 Sep 2023 11:36

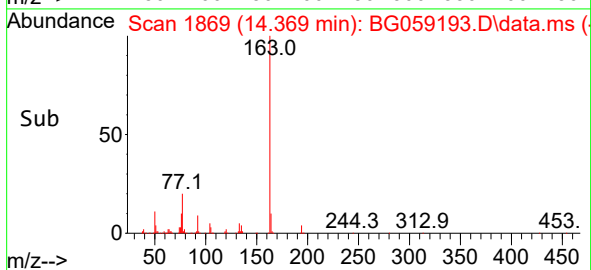
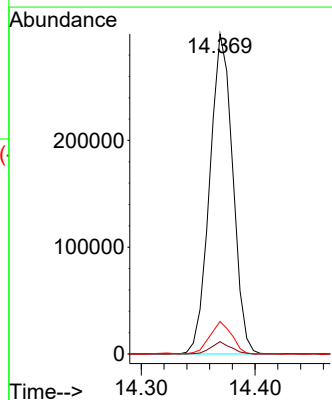
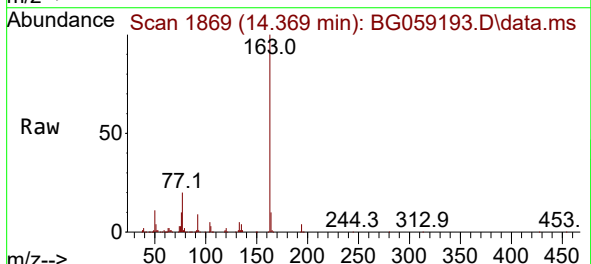
Instrument :
BNA_G
ClientSampleId :
SLCS787

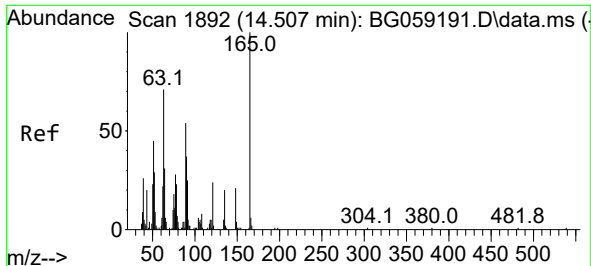
Tgt Ion: 65 Resp: 102919
Ion Ratio Lower Upper
65 100
92 62.5 53.6 80.4
138 94.9 79.8 119.6



#47
Dimethylphthalate
Concen: 43.999 ng/ul
RT: 14.369 min Scan# 1869
Delta R.T. -0.006 min
Lab File: BG059193.D
Acq: 26 Sep 2023 11:36

Tgt Ion:163 Resp: 421884
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 10.2 7.6 11.4

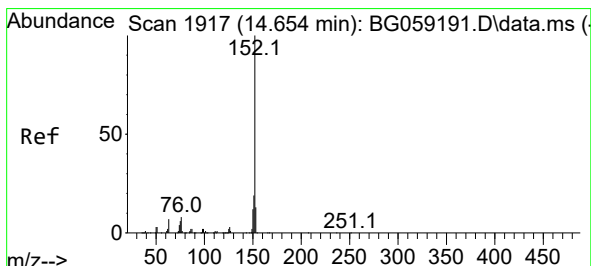
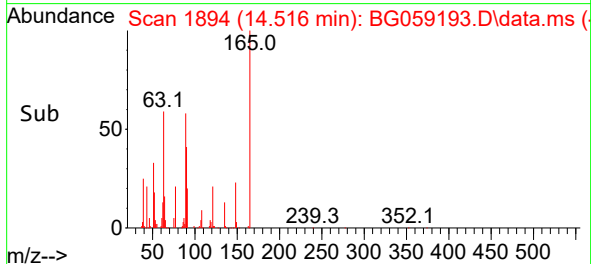
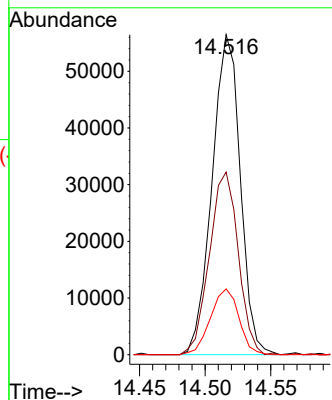
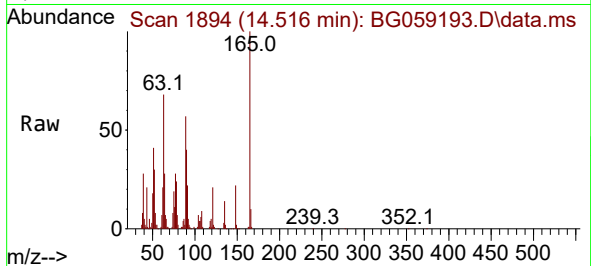




#48
2,6-Dinitrotoluene
Concen: 47.684 ng/ul
RT: 14.516 min Scan# 1892
Delta R.T. -0.006 min
Lab File: BG059193.D
Acq: 26 Sep 2023 11:36

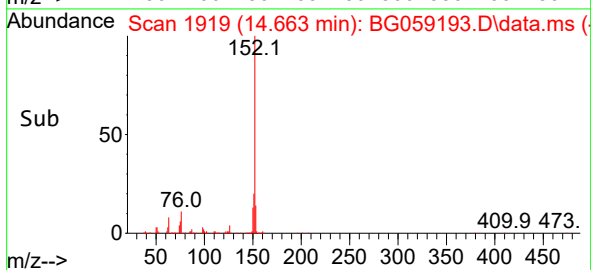
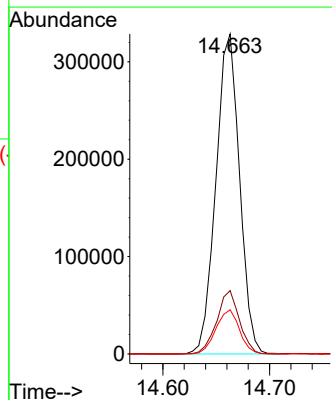
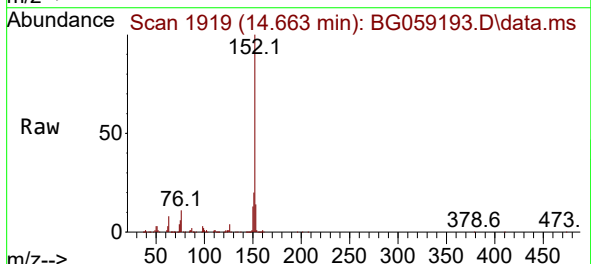
Instrument :
BNA_G
ClientSampleId :
SLCS787

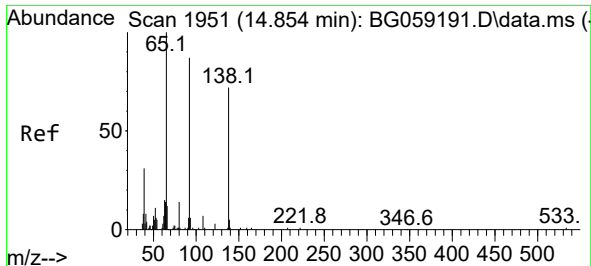
Tgt Ion:165 Resp: 84490
Ion Ratio Lower Upper
165 100
89 57.0 38.7 58.1
121 20.6 13.4 20.0#



#50
Acenaphthylene
Concen: 41.385 ng/ul
RT: 14.663 min Scan# 1919
Delta R.T. -0.006 min
Lab File: BG059193.D
Acq: 26 Sep 2023 11:36

Tgt Ion:152 Resp: 505288
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.6
153 13.8 11.3 16.9

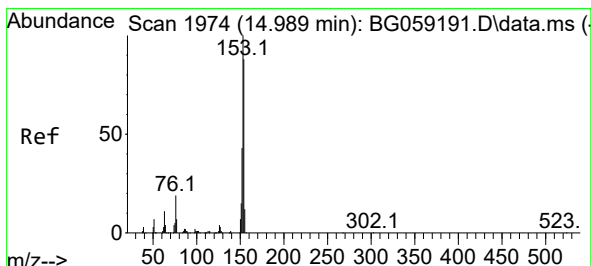
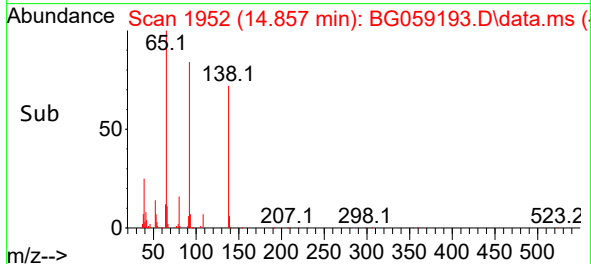
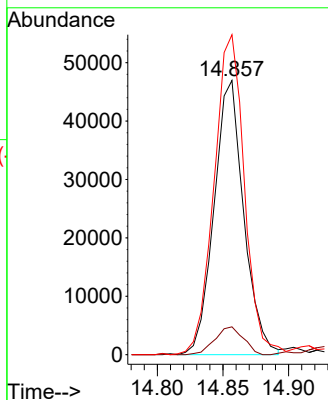
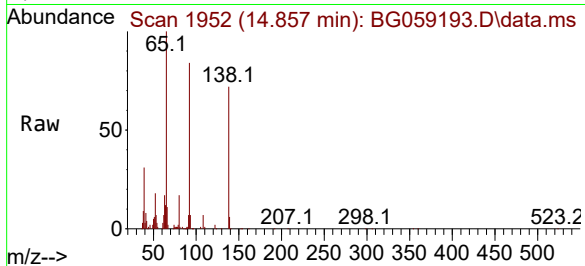




#51
3-Nitroaniline
Concen: 37.804 ng/ul
RT: 14.857 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BG059193.D
Acq: 26 Sep 2023 11:36

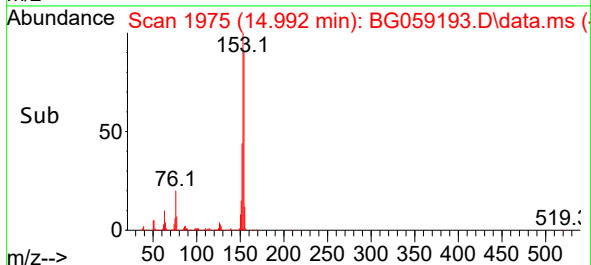
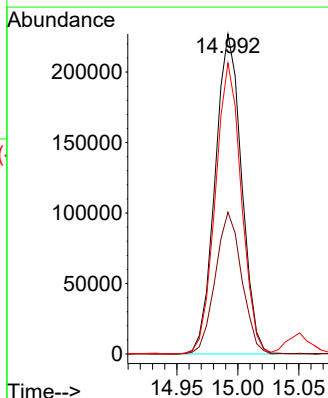
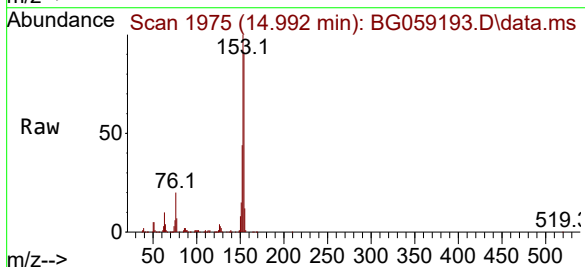
Instrument :
BNA_G
ClientSampleId :
SLCS787

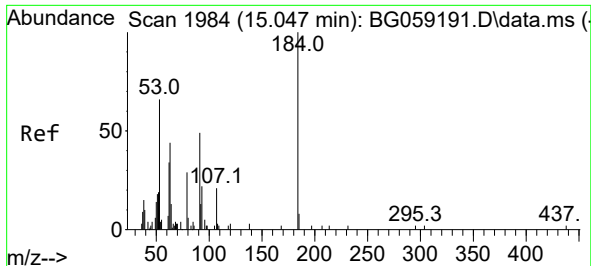
Tgt Ion:138 Resp: 73909
Ion Ratio Lower Upper
138 100
108 10.2 7.4 11.2
92 116.7 93.4 140.0



#52
Acenaphthene
Concen: 41.509 ng/ul
RT: 14.992 min Scan# 1975
Delta R.T. -0.006 min
Lab File: BG059193.D
Acq: 26 Sep 2023 11:36

Tgt Ion:153 Resp: 343684
Ion Ratio Lower Upper
153 100
152 44.3 36.0 54.0
154 90.9 71.3 106.9





#53

2,4-Dinitrophenol

Concen: 33.092 ng/ul

RT: 15.051 min Scan# 1985

Delta R.T. -0.006 min

Lab File: BG059193.D

Acq: 26 Sep 2023 11:36

Instrument :

BNA_G

ClientSampleId :

SLCS787

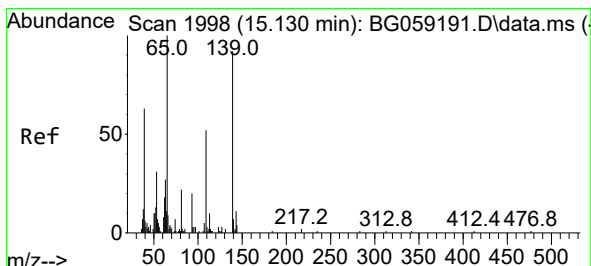
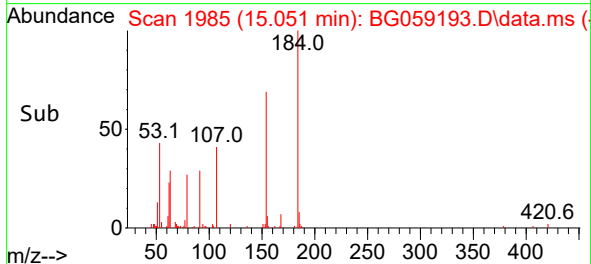
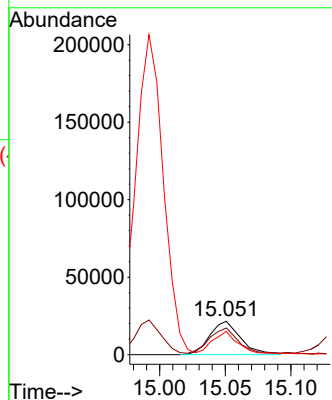
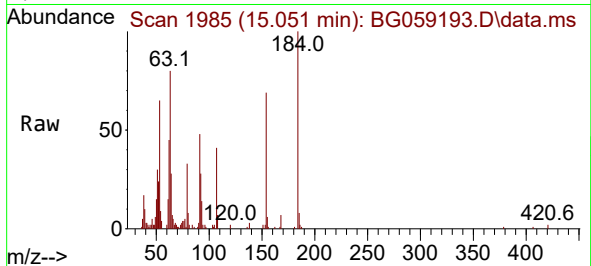
Tgt Ion:184 Resp: 35330

Ion Ratio Lower Upper

184 100

63 79.7 53.5 80.3

154 69.1 54.6 81.8



#55

4-Nitrophenol

Concen: 32.082 ng/ul

RT: 15.133 min Scan# 1999

Delta R.T. -0.000 min

Lab File: BG059193.D

Acq: 26 Sep 2023 11:36

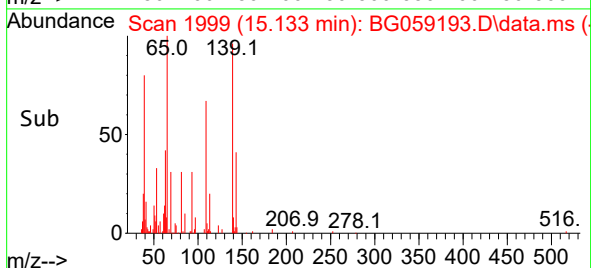
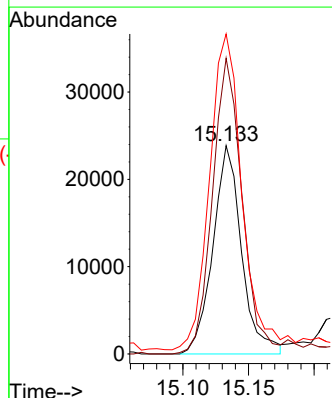
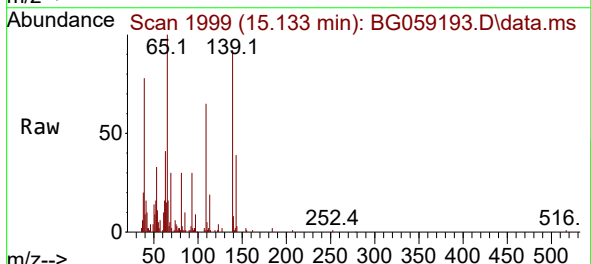
Tgt Ion:109 Resp: 36316

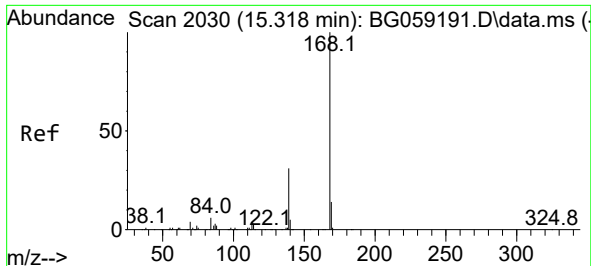
Ion Ratio Lower Upper

109 100

139 141.9 114.5 171.7

65 153.6 132.1 198.1

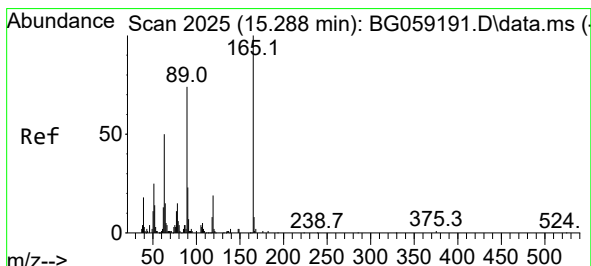
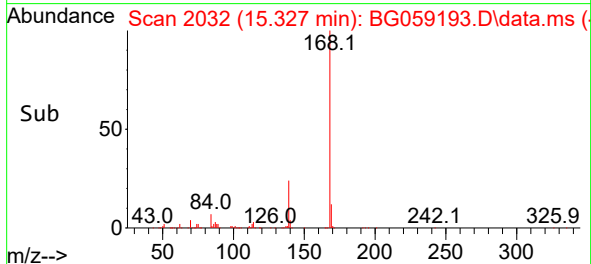
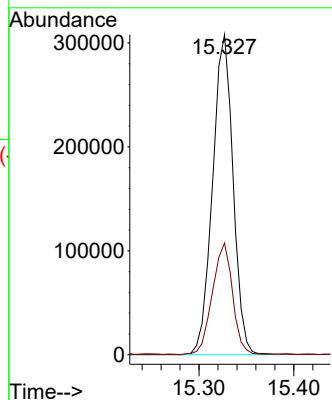
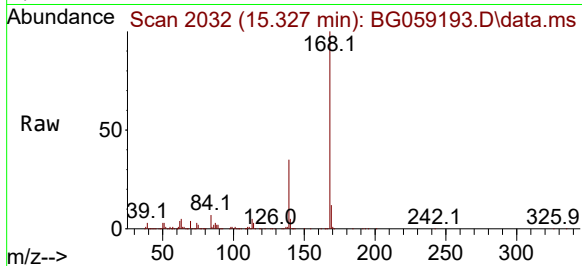




#56
Dibenzofuran
Concen: 42.074 ng/ul
RT: 15.327 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BG059193.D
Acq: 26 Sep 2023 11:36

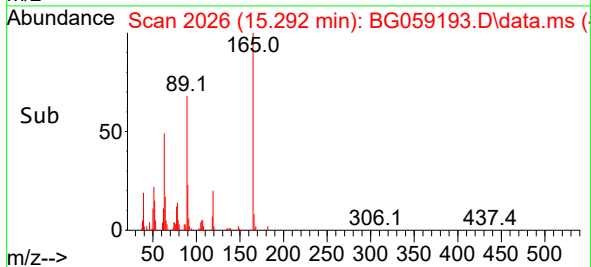
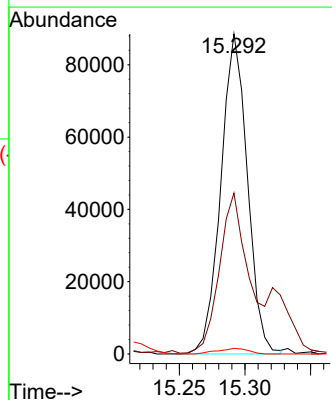
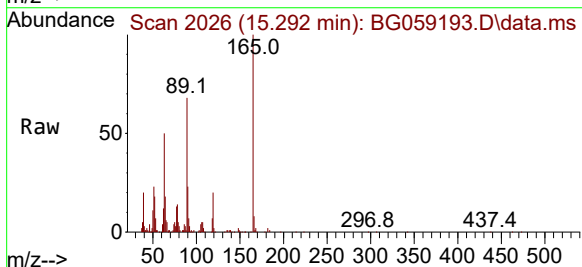
Instrument :
BNA_G
ClientSampleId :
SLCS787

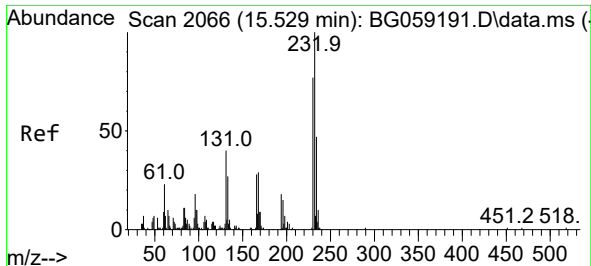
Tgt Ion:168 Resp: 462058
Ion Ratio Lower Upper
168 100
139 34.9 26.3 39.5



#57
2,4-Dinitrotoluene
Concen: 48.830 ng/ul
RT: 15.292 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BG059193.D
Acq: 26 Sep 2023 11:36

Tgt Ion:165 Resp: 124738
Ion Ratio Lower Upper
165 100
63 50.3 40.0 60.0
182 1.8 2.1 3.1#

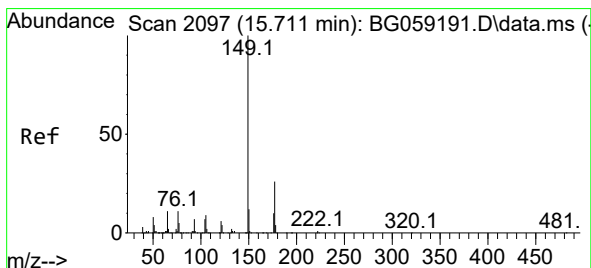
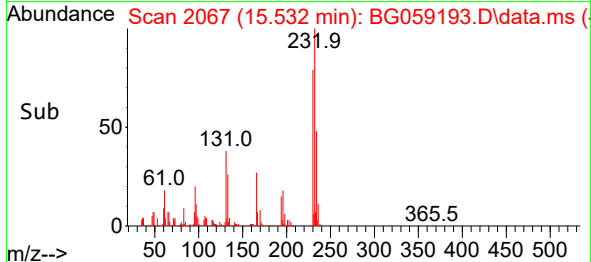
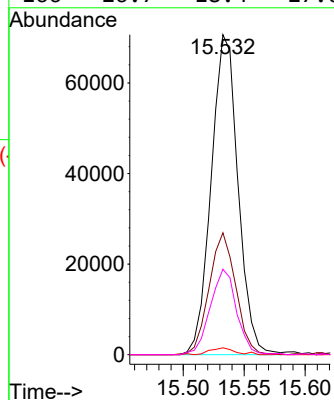
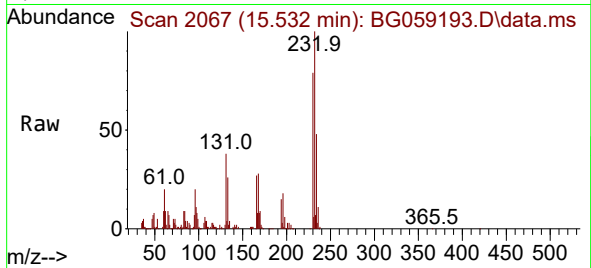




#58
2,3,4,6-Tetrachlorophenol
Concen: 46.311 ng/ul
RT: 15.532 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BG059193.D
Acq: 26 Sep 2023 11:36

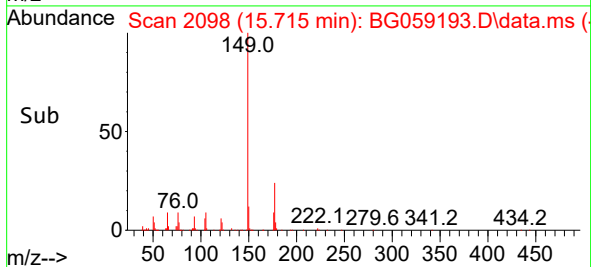
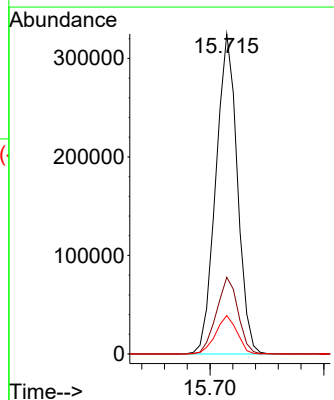
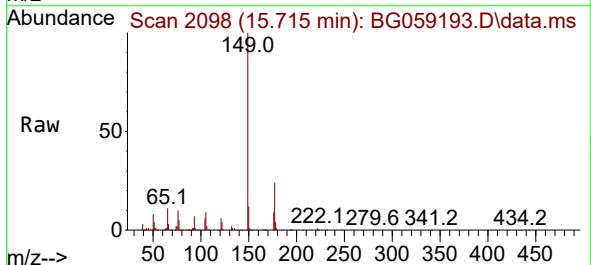
Instrument :
BNA_G
ClientSampleId :
SLCS787

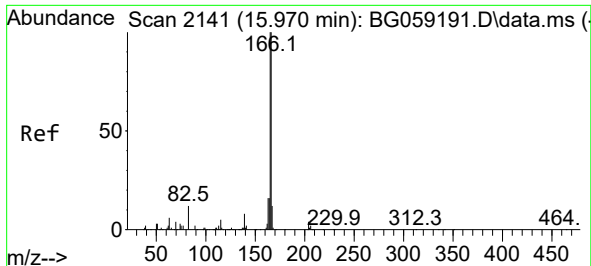
Tgt Ion:232 Resp: 108356
Ion Ratio Lower Upper
232 100
131 38.1 25.8 38.8
130 2.1 1.8 2.6
166 26.7 18.4 27.6



#59
Diethylphthalate
Concen: 45.122 ng/ul
RT: 15.715 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BG059193.D
Acq: 26 Sep 2023 11:36

Tgt Ion:149 Resp: 426332
Ion Ratio Lower Upper
149 100
177 24.0 19.4 29.2
150 12.0 9.8 14.8

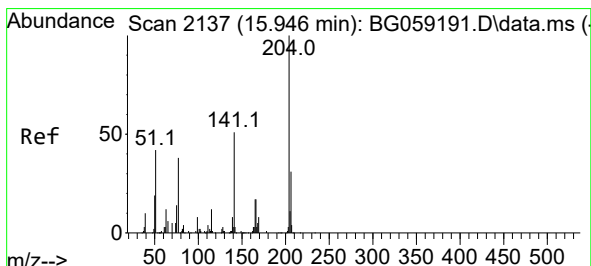
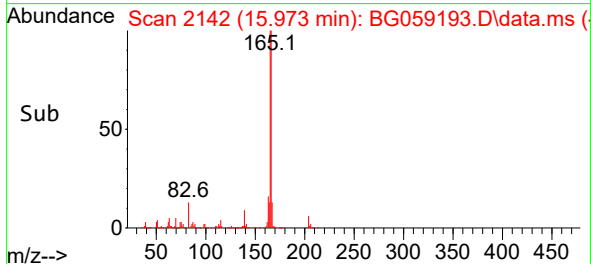
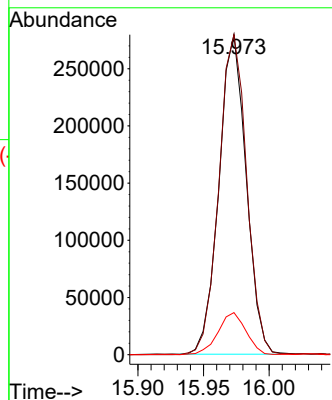
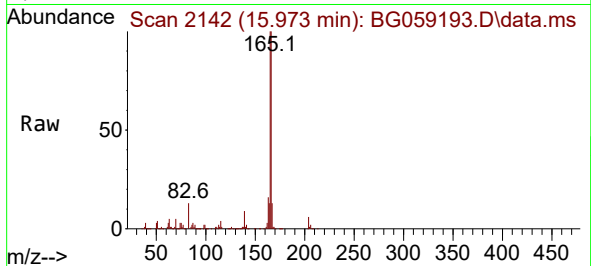




#61
Fluorene
Concen: 42.918 ng/ul
RT: 15.973 min Scan# 2141
Delta R.T. -0.006 min
Lab File: BG059193.D
Acq: 26 Sep 2023 11:36

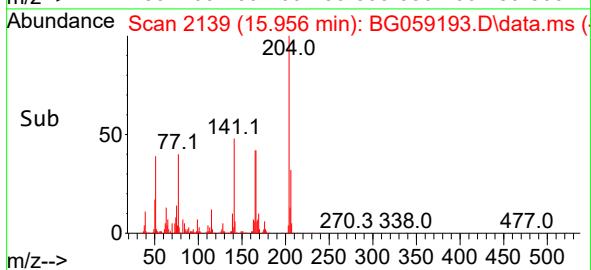
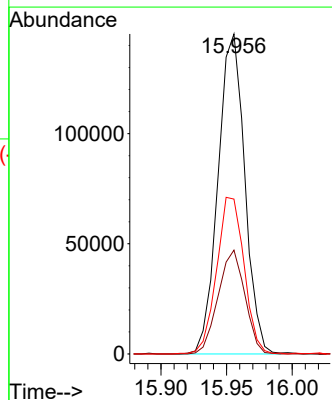
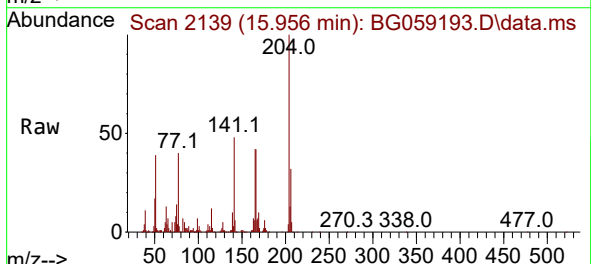
Instrument :
BNA_G
ClientSampleId :
SLCS787

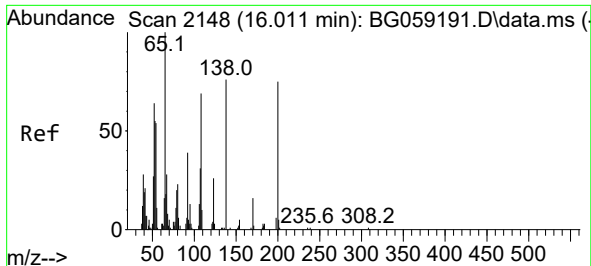
Tgt Ion:166 Resp: 402453
Ion Ratio Lower Upper
166 100
165 100.0 81.6 122.4
167 13.1 12.1 18.1



#62
4-Chlorophenyl-phenylether
Concen: 44.219 ng/ul
RT: 15.956 min Scan# 2139
Delta R.T. -0.000 min
Lab File: BG059193.D
Acq: 26 Sep 2023 11:36

Tgt Ion:204 Resp: 205799
Ion Ratio Lower Upper
204 100
206 32.5 28.2 42.2
141 48.4 43.4 65.0

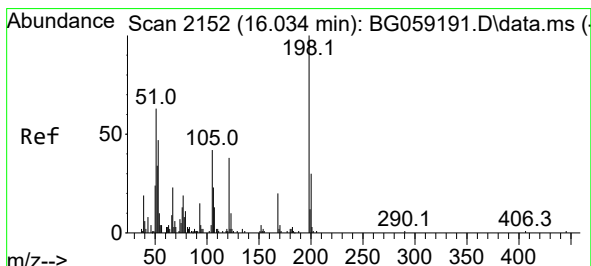
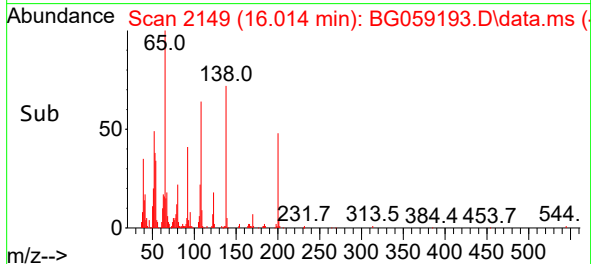
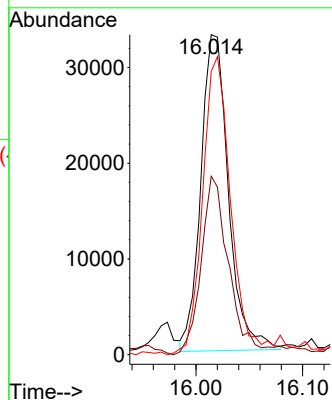
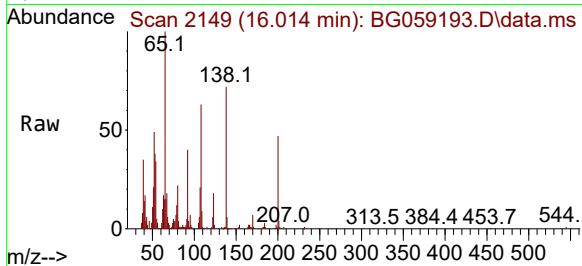




#63
4-Nitroaniline
Concen: 32.919 ng/ul
RT: 16.014 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BG059193.D
Acq: 26 Sep 2023 11:36

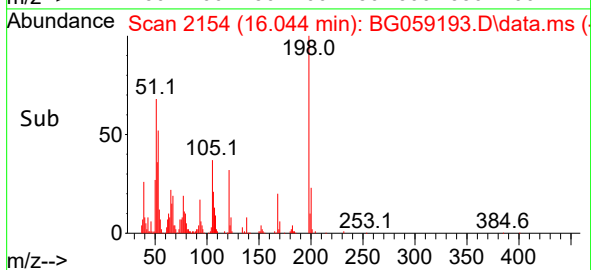
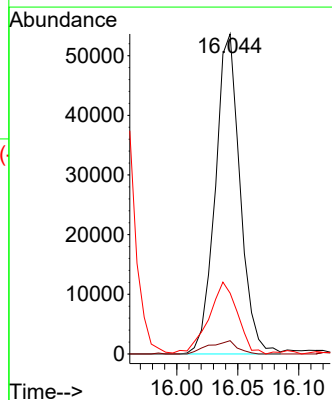
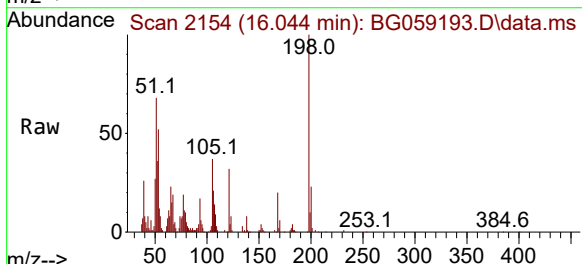
Instrument :
BNA_G
ClientSampleId :
SLCS787

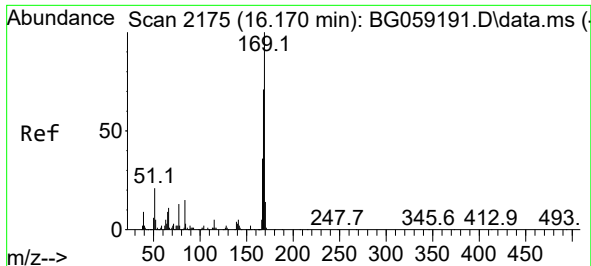
Tgt Ion:138 Resp: 59658
Ion Ratio Lower Upper
138 100
92 55.8 39.0 58.6
108 88.6 53.5 80.3#



#66
4,6-Dinitro-2-methylphenol
Concen: 40.627 ng/ul
RT: 16.044 min Scan# 2154
Delta R.T. -0.000 min
Lab File: BG059193.D
Acq: 26 Sep 2023 11:36

Tgt Ion:198 Resp: 75938
Ion Ratio Lower Upper
198 100
182 4.2 3.5 5.3
77 19.0 17.3 25.9

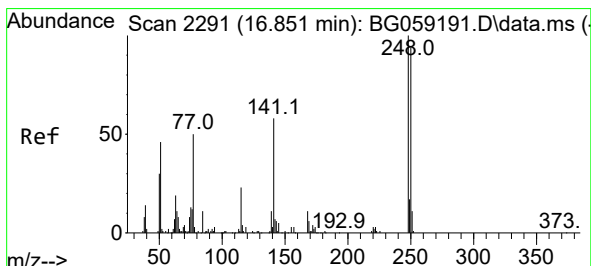
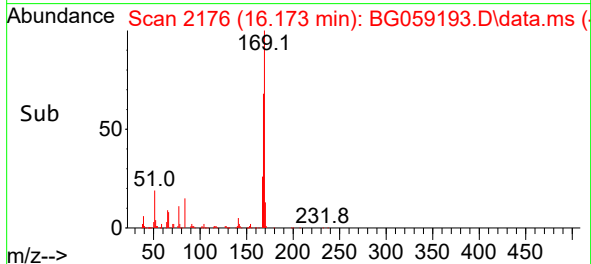
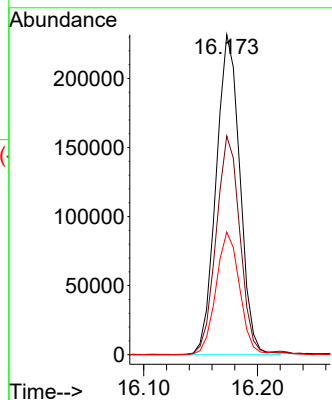
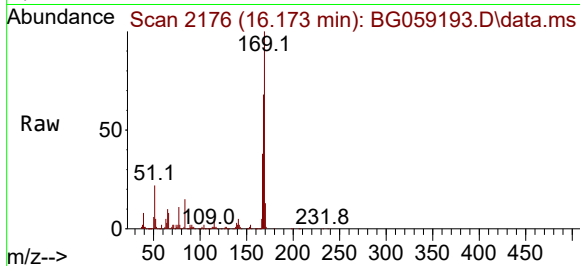




#67
N-Nitrosodiphenylamine
Concen: 41.474 ng/ul
RT: 16.173 min Scan# 2175
Delta R.T. -0.006 min
Lab File: BG059193.D
Acq: 26 Sep 2023 11:36

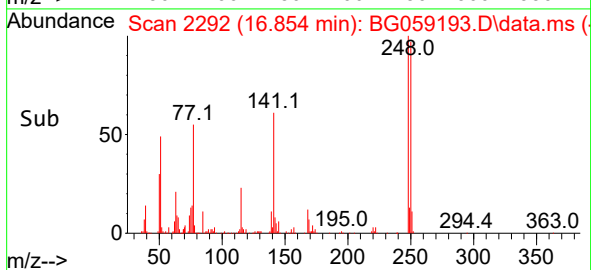
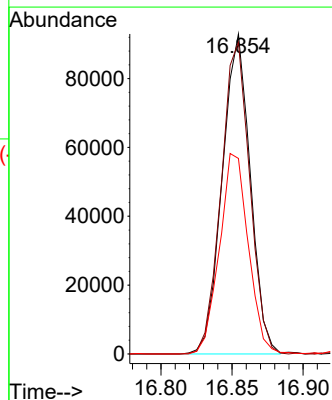
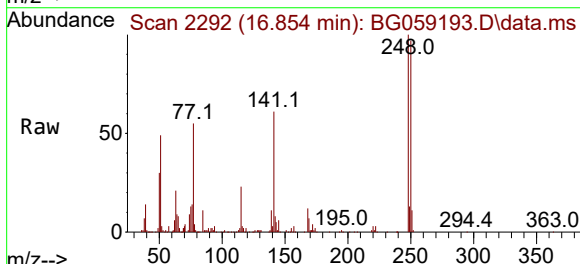
Instrument :
BNA_G
ClientSampleId :
SLCS787

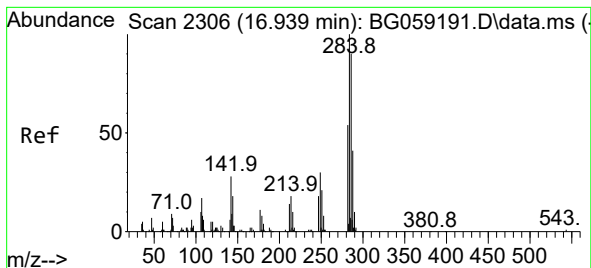
Tgt Ion:169 Resp: 336810
Ion Ratio Lower Upper
169 100
168 68.4 52.1 78.1
167 38.3 30.5 45.7



#68
4-Bromophenyl-phenylether
Concen: 42.985 ng/ul
RT: 16.854 min Scan# 2292
Delta R.T. -0.006 min
Lab File: BG059193.D
Acq: 26 Sep 2023 11:36

Tgt Ion:248 Resp: 127568
Ion Ratio Lower Upper
248 100
250 97.5 81.8 122.8
141 61.1 50.0 75.0





#69

Hexachlorobenzene

Concen: 43.348 ng/ul

RT: 16.943 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG059193.D

Acq: 26 Sep 2023 11:36

Instrument :

BNA_G

ClientSampleId :

SLCS787

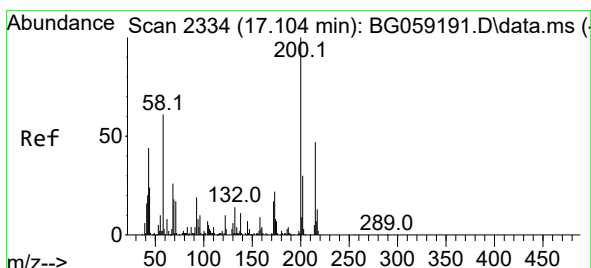
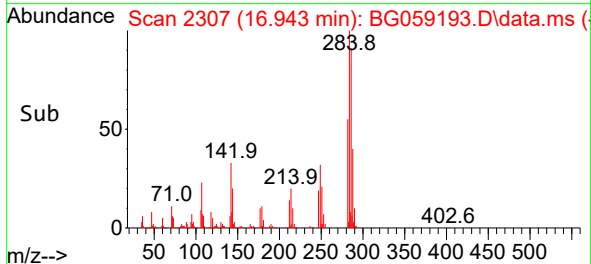
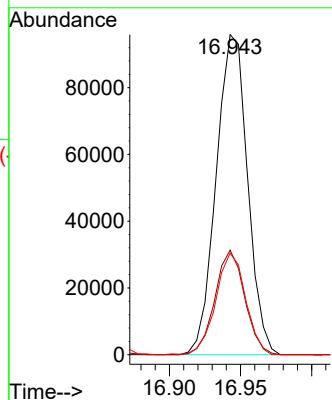
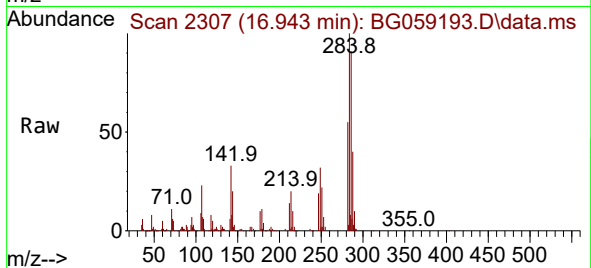
Tgt Ion:284 Resp: 147351

Ion Ratio Lower Upper

284 100

142 32.7 23.2 34.8

249 31.7 27.8 41.8



#70

Atrazine

Concen: 36.898 ng/ul

RT: 17.107 min Scan# 2335

Delta R.T. -0.006 min

Lab File: BG059193.D

Acq: 26 Sep 2023 11:36

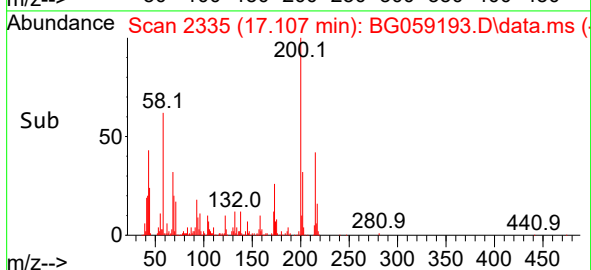
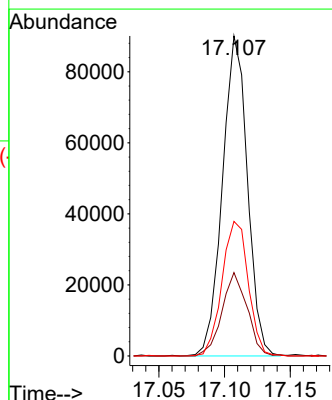
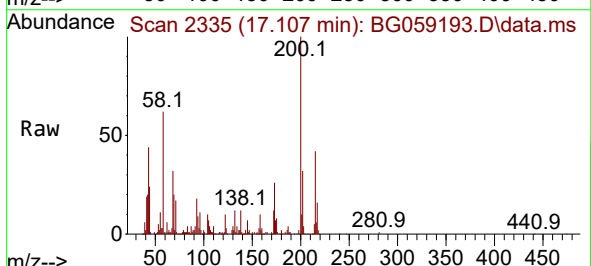
Tgt Ion:200 Resp: 119230

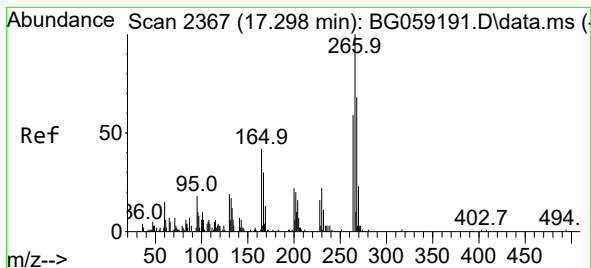
Ion Ratio Lower Upper

200 100

173 26.1 19.4 29.0

215 42.1 38.5 57.7





#71

Pentachlorophenol

Concen: 32.086 ng/ul

RT: 17.301 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG059193.D

Acq: 26 Sep 2023 11:36

Instrument :

BNA_G

ClientSampleId :

SLCS787

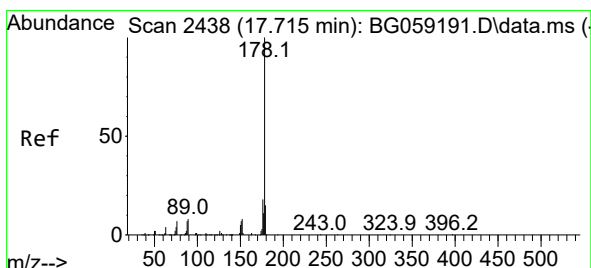
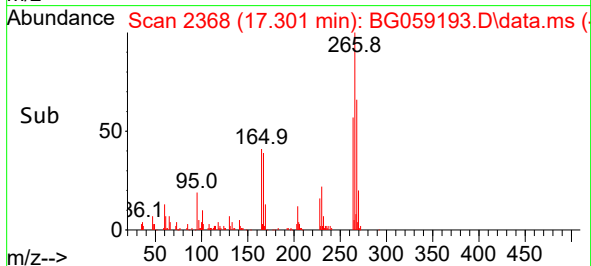
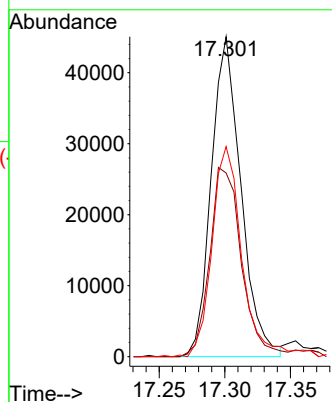
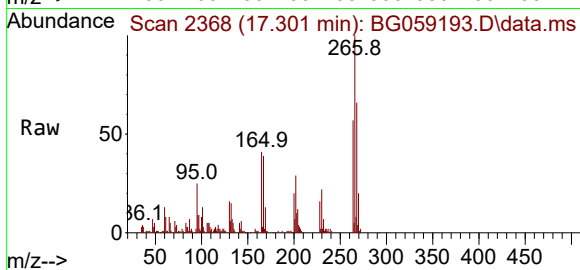
Tgt Ion:266 Resp: 70845

Ion Ratio Lower Upper

266 100

264 57.4 50.6 76.0

268 65.6 56.4 84.6



#72

Phenanthrene

Concen: 42.143 ng/ul

RT: 17.724 min Scan# 2440

Delta R.T. -0.006 min

Lab File: BG059193.D

Acq: 26 Sep 2023 11:36

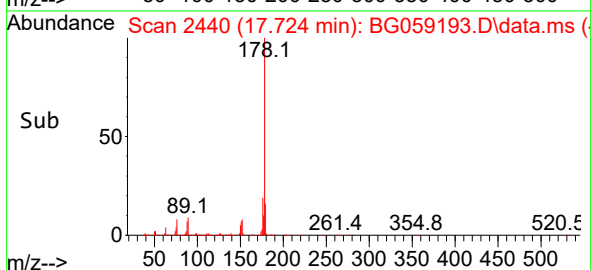
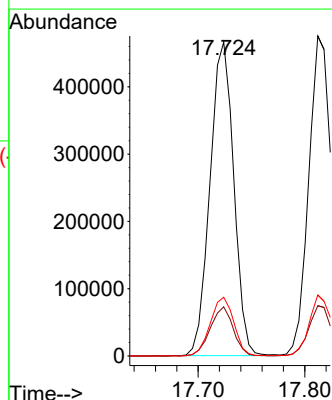
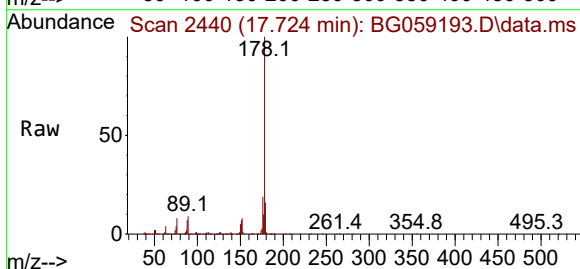
Tgt Ion:178 Resp: 719361

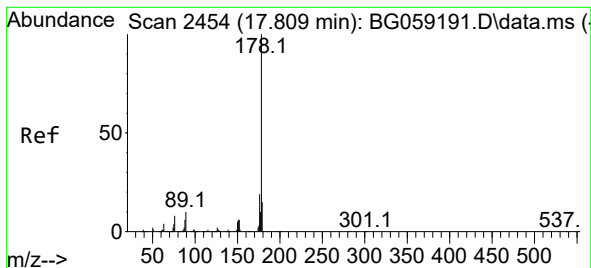
Ion Ratio Lower Upper

178 100

179 15.6 11.8 17.8

176 18.7 14.6 21.8





#74

Anthracene

Concen: 40.437 ng/uI

RT: 17.812 min Scan# 24

Delta R.T. -0.006 min

Lab File: BG059193.D

Acq: 26 Sep 2023 11:36

Instrument :

BNA_G

ClientSampleId :

SLCS787

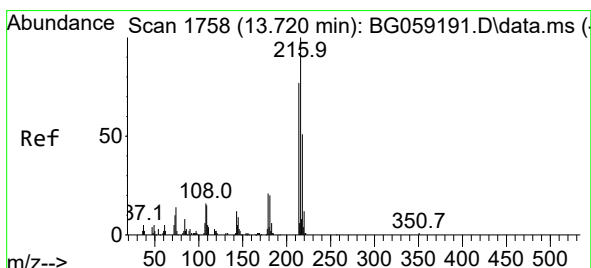
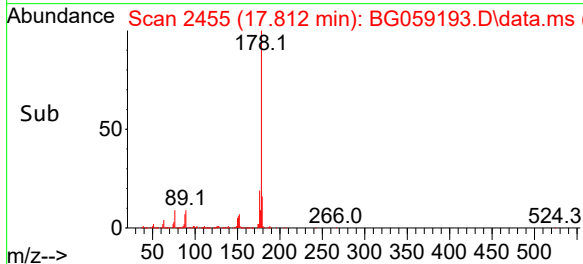
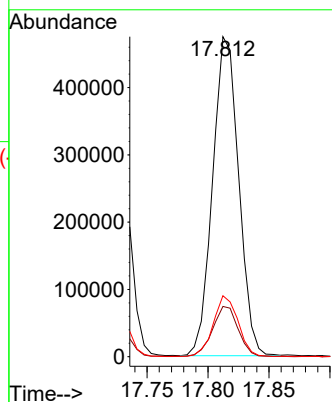
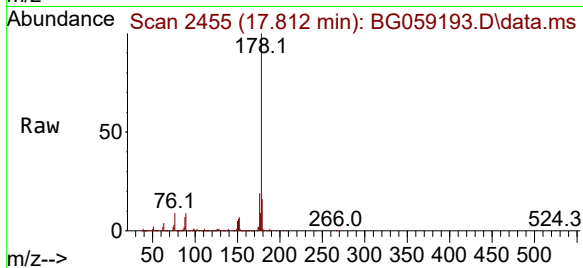
Tgt Ion:178 Resp: 705288

Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

176 19.0 14.8 22.2



#75

1,2,3,4-Tetrachlorobenzene

Concen: 34.535 ng/uL

RT: 13.723 min Scan# 1759

Delta R.T. -0.006 min

Lab File: BG059193.D

Acq: 26 Sep 2023 11:36

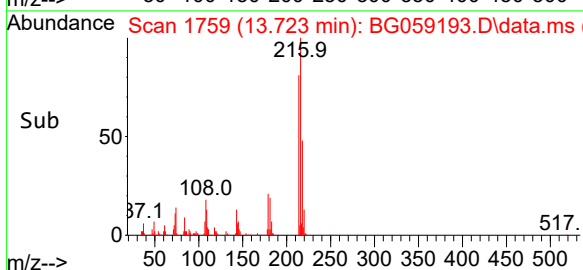
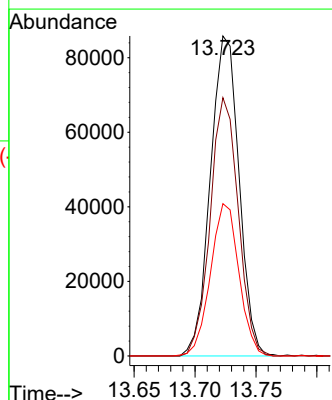
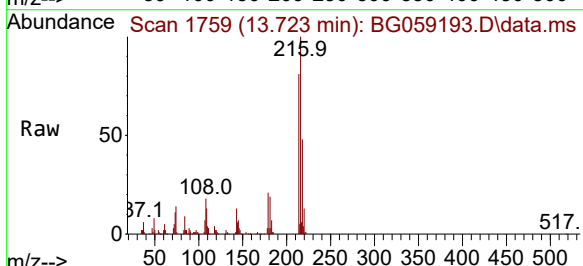
Tgt Ion:216 Resp: 140442

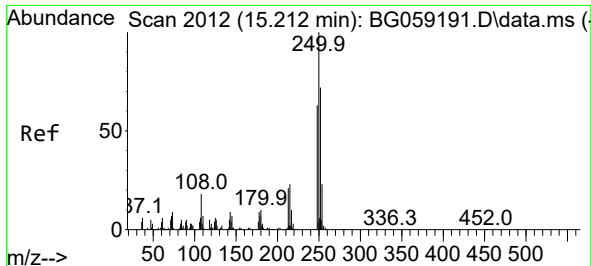
Ion Ratio Lower Upper

216 100

214 80.7 69.9 104.9

218 47.6 39.4 59.0

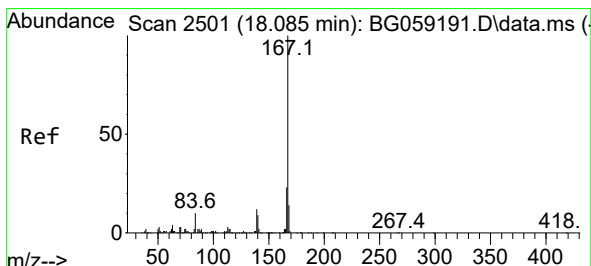
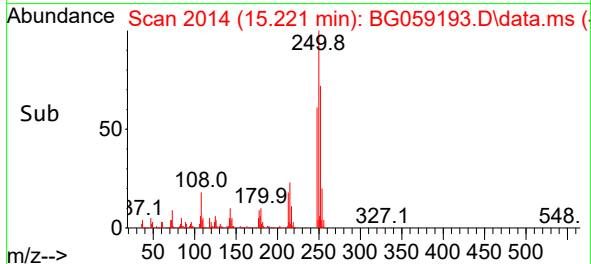
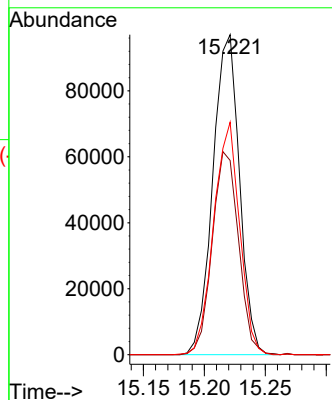
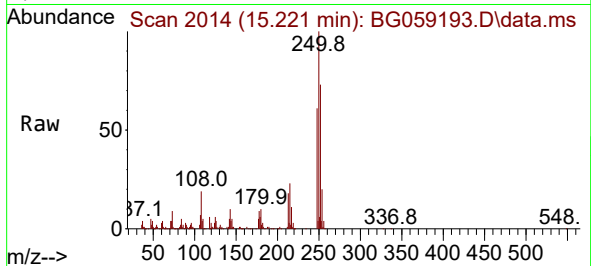




#76
 Pentachlorobenzene
 Concen: 39.219 ng/uL
 RT: 15.221 min Scan# 2012
 Delta R.T. -0.006 min
 Lab File: BG059193.D
 Acq: 26 Sep 2023 11:36

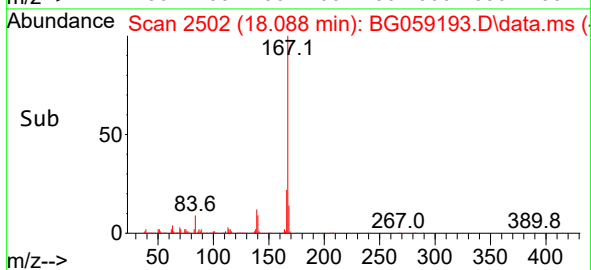
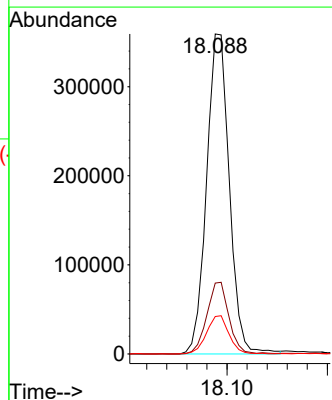
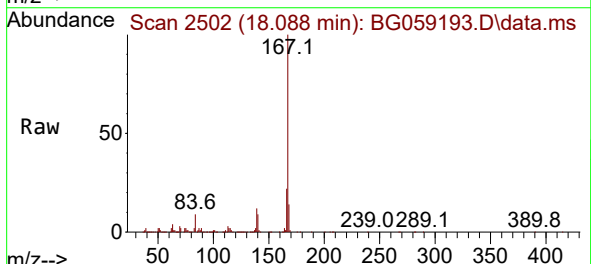
Instrument :
 BNA_G
 ClientSampleId :
 SLCS787

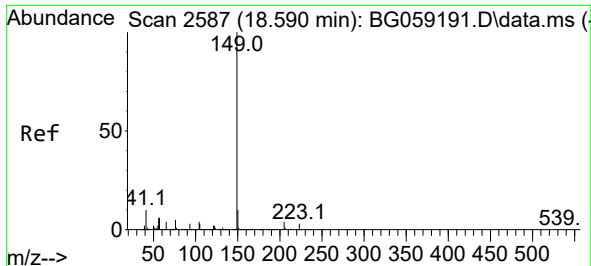
Tgt Ion:250 Resp: 147520
 Ion Ratio Lower Upper
 250 100
 248 60.7 52.5 78.7
 252 72.6 59.4 89.2



#77
 Carbazole
 Concen: 38.994 ng/uL
 RT: 18.088 min Scan# 2502
 Delta R.T. -0.006 min
 Lab File: BG059193.D
 Acq: 26 Sep 2023 11:36

Tgt Ion:167 Resp: 565438
 Ion Ratio Lower Upper
 167 100
 166 22.2 16.7 25.1
 139 11.7 9.4 14.0

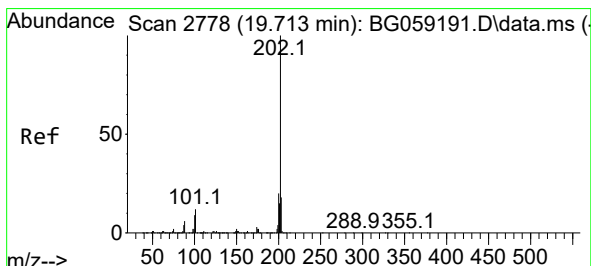
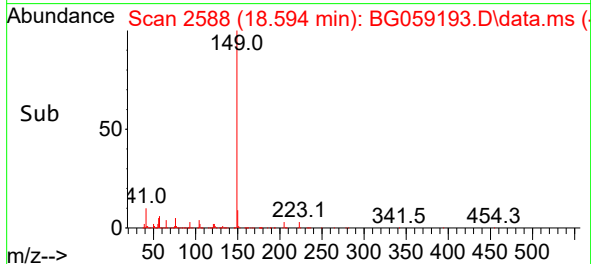
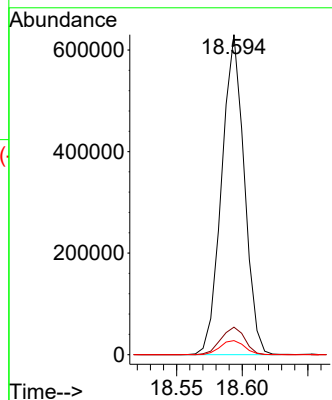
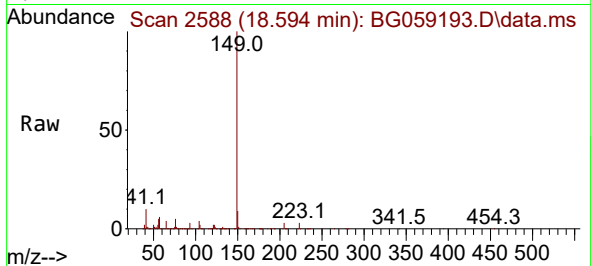




#78
Di-n-butylphthalate
Concen: 42.290 ng/ul
RT: 18.594 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG059193.D
Acq: 26 Sep 2023 11:36

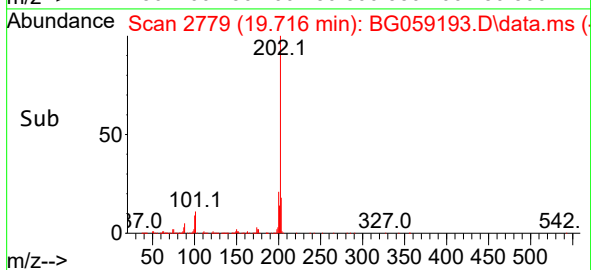
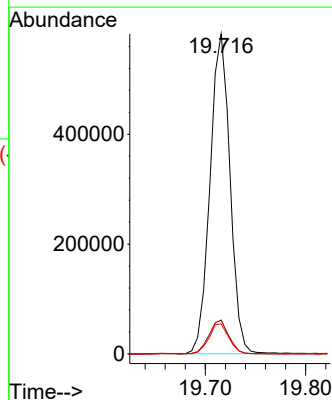
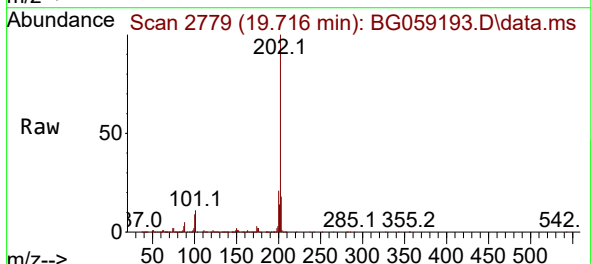
Instrument :
BNA_G
ClientSampleId :
SLCS787

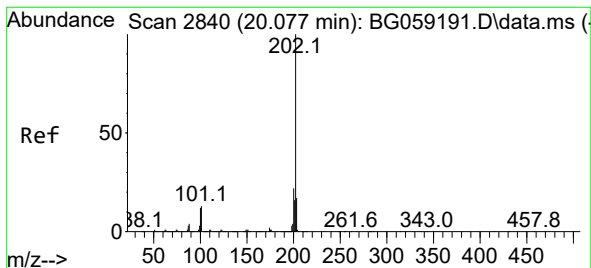
Tgt Ion:149 Resp: 755459
Ion Ratio Lower Upper
149 100
150 8.6 7.4 11.2
104 4.4 3.5 5.3



#80
Fluoranthene
Concen: 43.637 ng/ul
RT: 19.716 min Scan# 2779
Delta R.T. -0.006 min
Lab File: BG059193.D
Acq: 26 Sep 2023 11:36

Tgt Ion:202 Resp: 805741
Ion Ratio Lower Upper
202 100
101 10.6 9.2 13.8
100 9.4 7.7 11.5





#82

Pyrene

Concen: 43.525 ng/ul

RT: 20.080 min Scan# 2841

Delta R.T. -0.006 min

Lab File: BG059193.D

Acq: 26 Sep 2023 11:36

Instrument :

BNA_G

ClientSampleId :

SLCS787

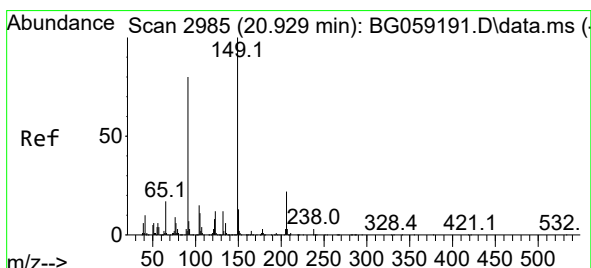
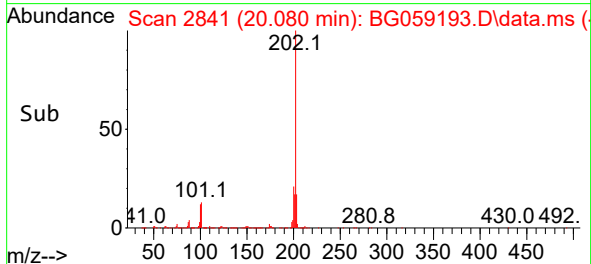
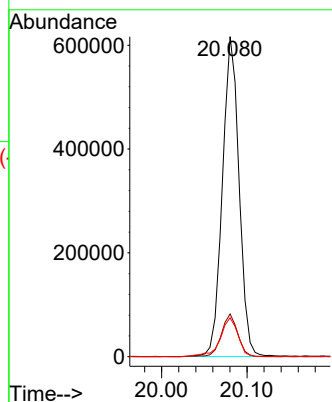
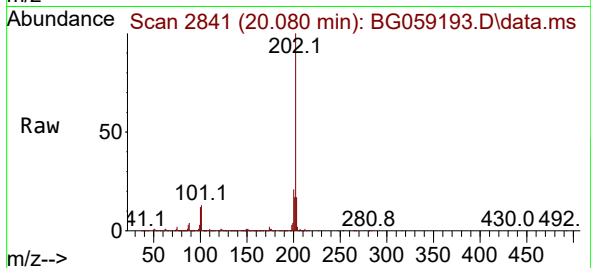
Tgt Ion:202 Resp: 838305

Ion Ratio Lower Upper

202 100

101 13.3 11.0 16.4

100 12.1 10.1 15.1



#83

Butylbenzylphthalate

Concen: 46.071 ng/ul

RT: 20.938 min Scan# 2987

Delta R.T. -0.006 min

Lab File: BG059193.D

Acq: 26 Sep 2023 11:36

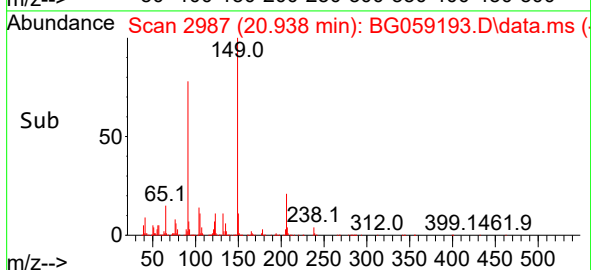
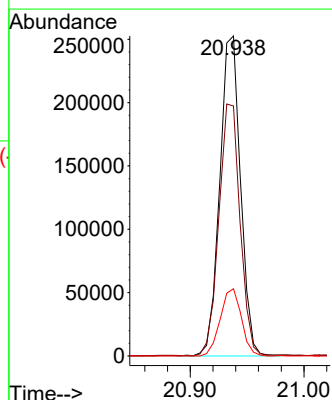
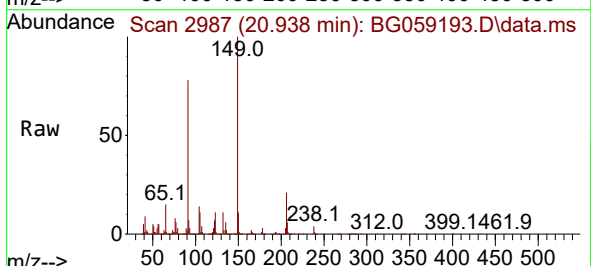
Tgt Ion:149 Resp: 320521

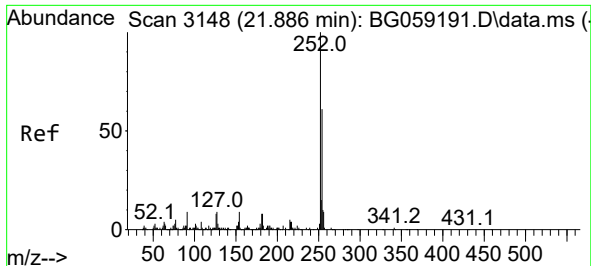
Ion Ratio Lower Upper

149 100

91 78.1 61.2 91.8

206 21.0 15.8 23.6

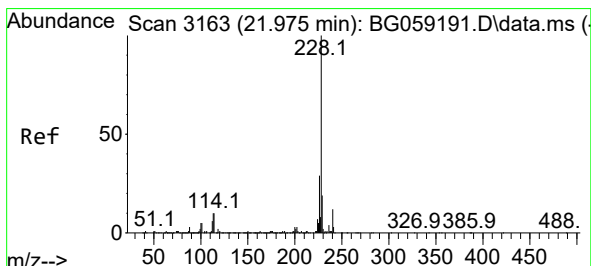
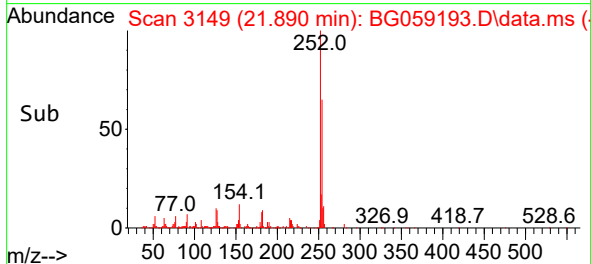
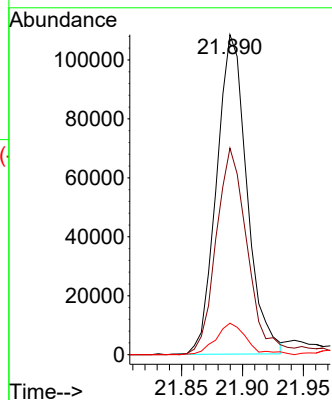
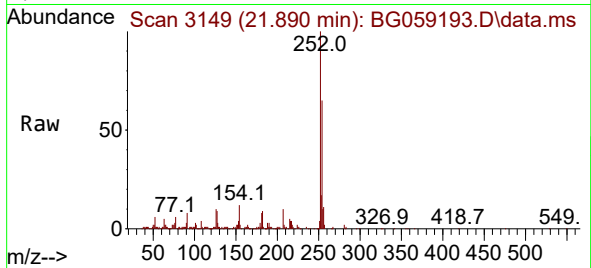




#84
 3,3'-Dichlorobenzidine
 Concen: 30.649 ng/ul
 RT: 21.890 min Scan# 3149
 Delta R.T. -0.006 min
 Lab File: BG059193.D
 Acq: 26 Sep 2023 11:36

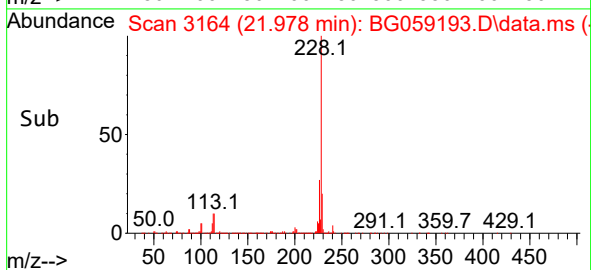
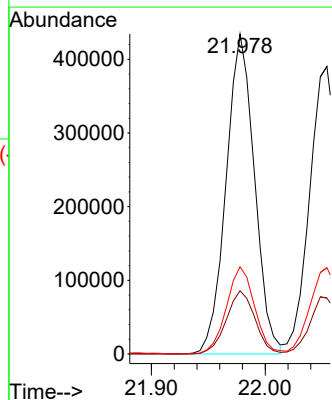
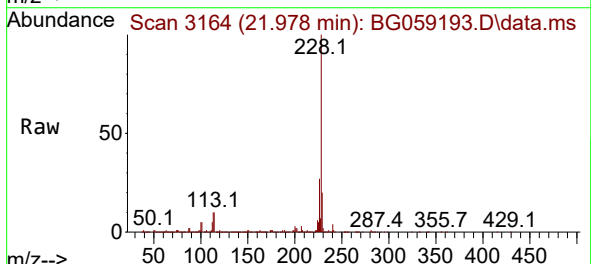
Instrument :
 BNA_G
 ClientSampleId :
 SLCS787

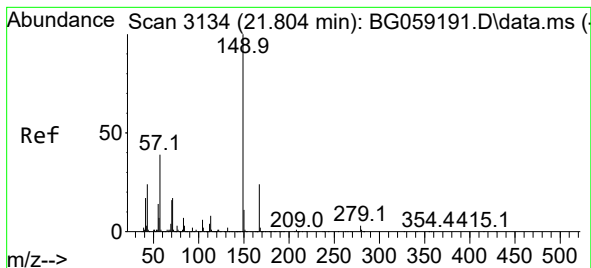
Tgt Ion:252 Resp: 187759
 Ion Ratio Lower Upper
 252 100
 254 64.6 52.4 78.6
 126 9.8 8.2 12.2



#85
 Benzo(a)anthracene
 Concen: 40.910 ng/ul
 RT: 21.978 min Scan# 3164
 Delta R.T. -0.006 min
 Lab File: BG059193.D
 Acq: 26 Sep 2023 11:36

Tgt Ion:228 Resp: 752950
 Ion Ratio Lower Upper
 228 100
 229 19.7 16.1 24.1
 226 27.3 20.6 30.8

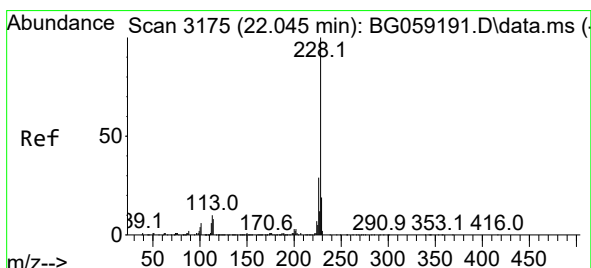
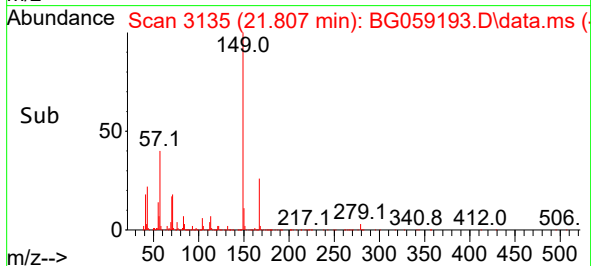
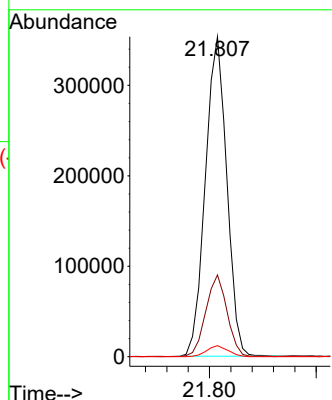
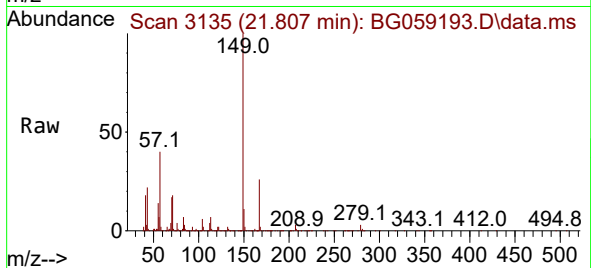




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 47.307 ng/ul
 RT: 21.807 min Scan# 3134
 Delta R.T. -0.006 min
 Lab File: BG059193.D
 Acq: 26 Sep 2023 11:36

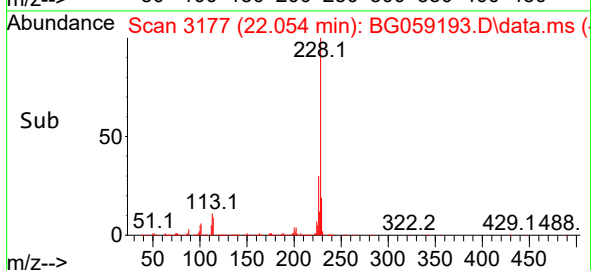
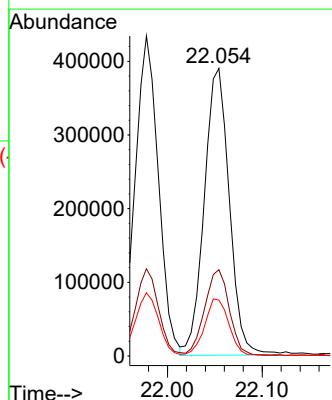
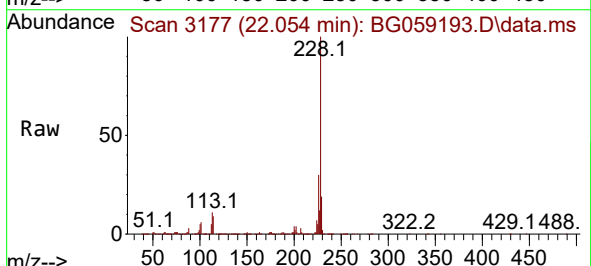
Instrument :
 BNA_G
 ClientSampleId :
 SLCS787

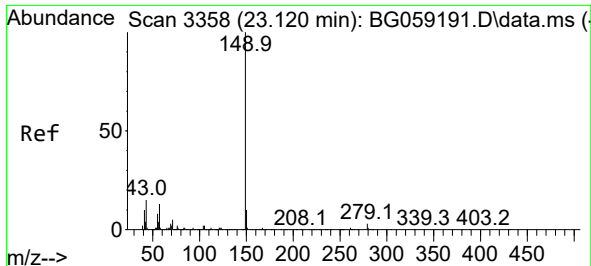
Tgt Ion:149 Resp: 492418
 Ion Ratio Lower Upper
 149 100
 167 25.6 20.2 30.4
 279 3.5 3.2 4.8



#87
 Chrysene
 Concen: 41.756 ng/ul
 RT: 22.054 min Scan# 3177
 Delta R.T. -0.006 min
 Lab File: BG059193.D
 Acq: 26 Sep 2023 11:36

Tgt Ion:228 Resp: 716728
 Ion Ratio Lower Upper
 228 100
 226 30.0 23.3 34.9
 229 19.4 15.6 23.4

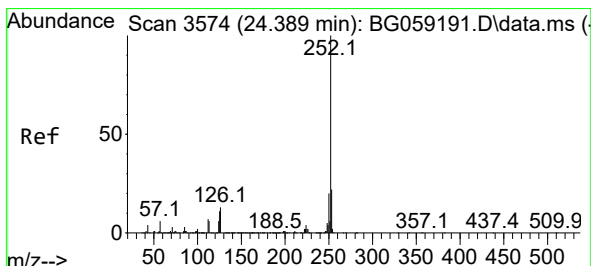
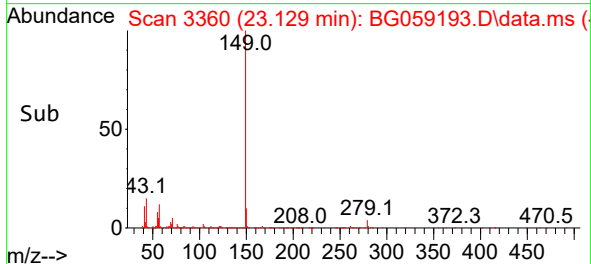
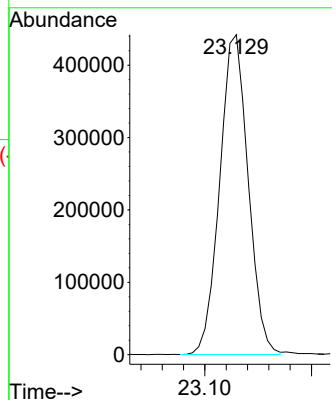
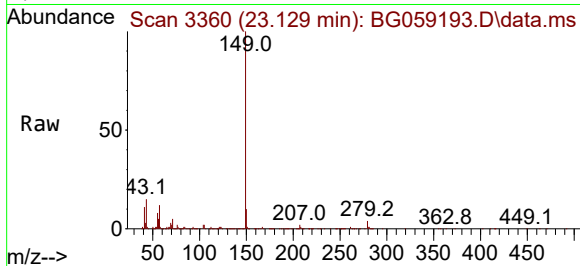




#89
Di-n-octyl phthalate
Concen: 47.178 ng/ul
RT: 23.129 min Scan# 31
Delta R.T. -0.012 min
Lab File: BG059193.D
Acq: 26 Sep 2023 11:36

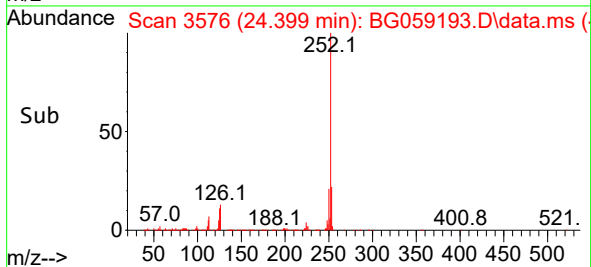
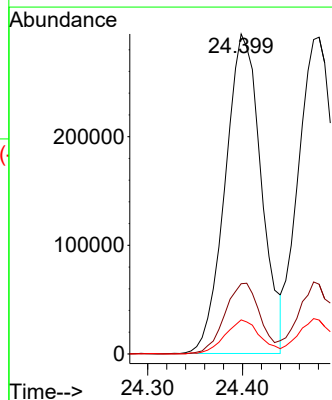
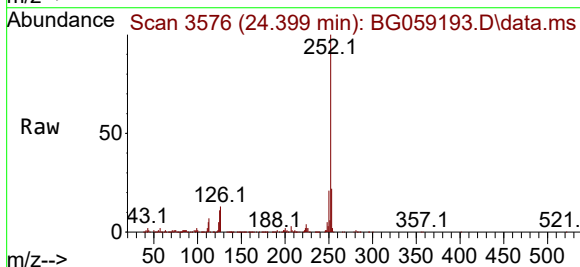
Instrument :
BNA_G
ClientSampleId :
SLCS787

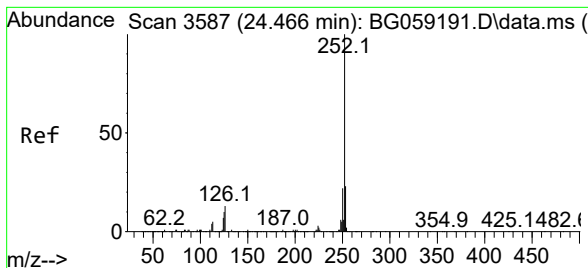
Tgt Ion:149 Resp: 818267



#90
Benzo(b)fluoranthene
Concen: 45.078 ng/ul
RT: 24.399 min Scan# 3576
Delta R.T. -0.012 min
Lab File: BG059193.D
Acq: 26 Sep 2023 11:36

Tgt Ion:252 Resp: 779262
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 10.6 8.6 13.0





#91

Benzo(k)fluoranthene

Concen: 43.417 ng/ul

RT: 24.481 min Scan# 3

Delta R.T. -0.006 min

Lab File: BG059193.D

Acq: 26 Sep 2023 11:36

Instrument :

BNA_G

ClientSampleId :

SLCS787

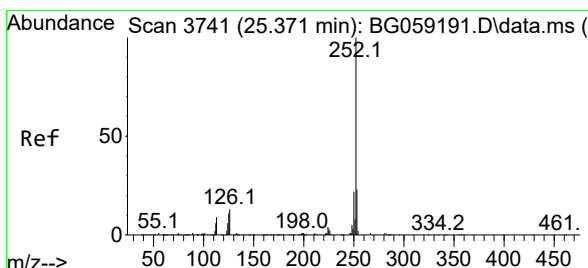
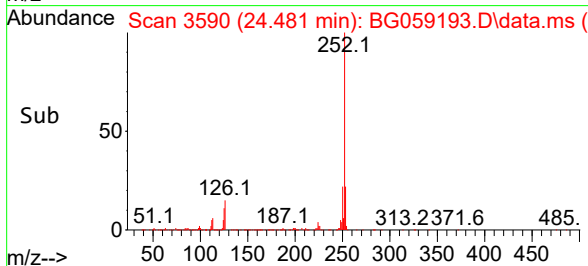
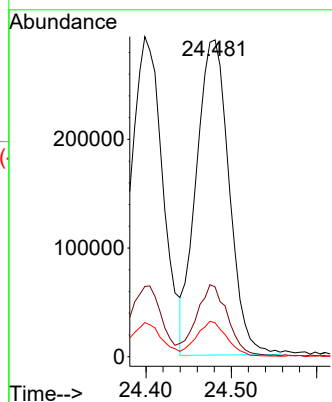
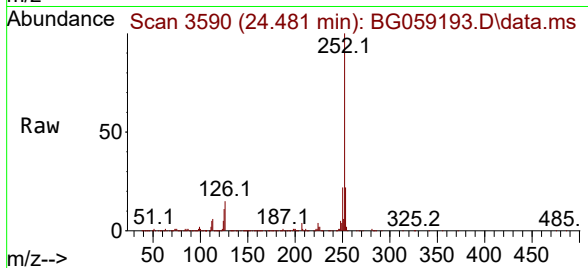
Tgt Ion:252 Resp: 778164

Ion Ratio Lower Upper

252 100

253 22.0 16.5 24.7

125 10.7 7.9 11.9



#93

Benzo(a)pyrene

Concen: 42.100 ng/ul

RT: 25.386 min Scan# 3744

Delta R.T. -0.012 min

Lab File: BG059193.D

Acq: 26 Sep 2023 11:36

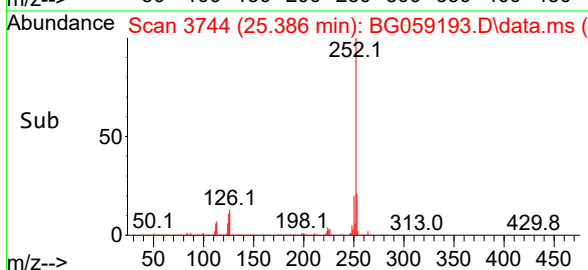
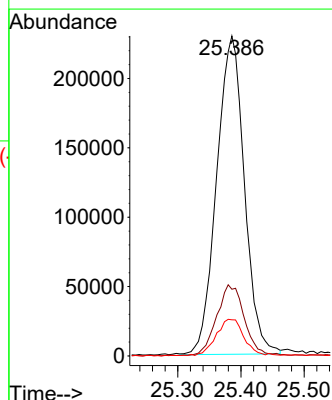
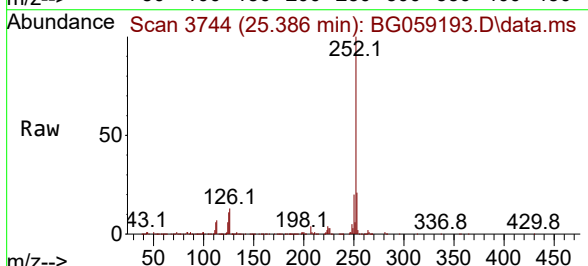
Tgt Ion:252 Resp: 699439

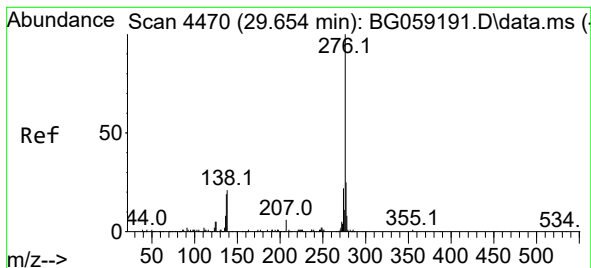
Ion Ratio Lower Upper

252 100

253 20.8 17.6 26.4

125 11.3 8.3 12.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 28.938 ng/ul

RT: 29.663 min Scan# 4472

Delta R.T. -0.018 min

Lab File: BG059193.D

Acq: 26 Sep 2023 11:36

Instrument :

BNA_G

ClientSampleId :

SLCS787

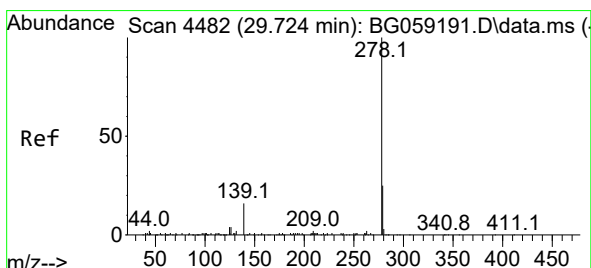
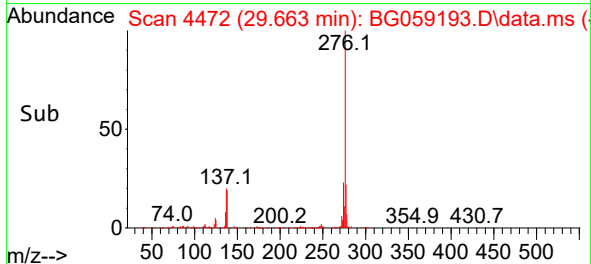
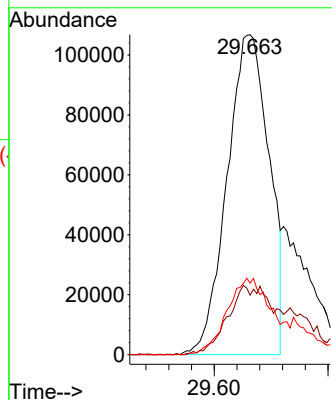
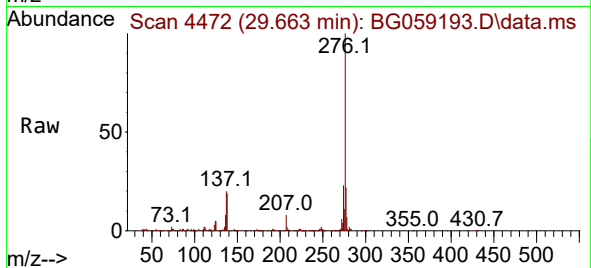
Tgt Ion:276 Resp: 546782

Ion Ratio Lower Upper

276 100

138 18.6 17.1 25.7

277 22.3 20.4 30.6



#95

Dibenzo(a,h)anthracene

Concen: 32.230 ng/ul

RT: 29.745 min Scan# 4486

Delta R.T. -0.018 min

Lab File: BG059193.D

Acq: 26 Sep 2023 11:36

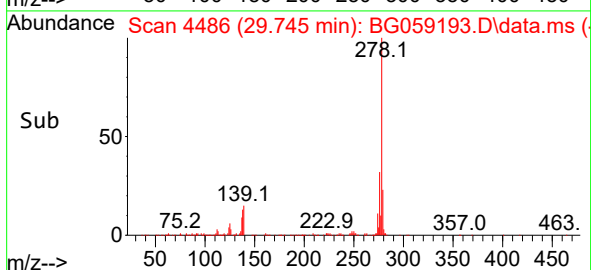
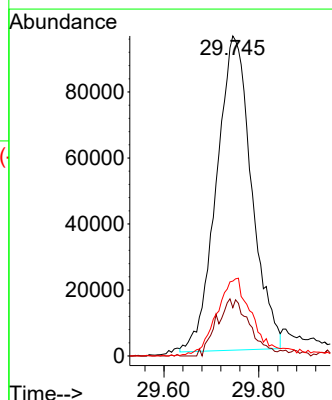
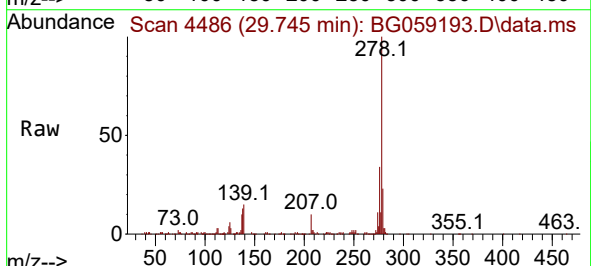
Tgt Ion:278 Resp: 489397

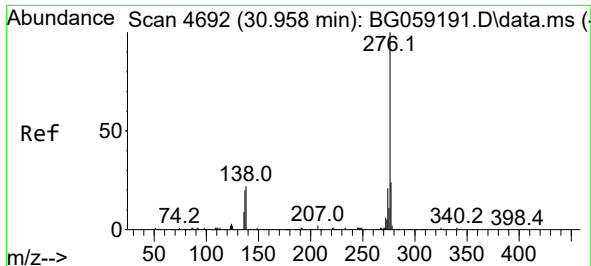
Ion Ratio Lower Upper

278 100

139 15.1 13.8 20.6

279 23.4 19.0 28.4





#96
 Benzo(g,h,i)perylene
 Concen: 41.218 ng/ul
 RT: 30.979 min Scan# 4
 Delta R.T. -0.024 min
 Lab File: BG059193.D
 Acq: 26 Sep 2023 11:36

Instrument :
 BNA_G
 ClientSampleId :
 SLCS787

Tgt Ion:276 Resp: 627364

Ion	Ratio	Lower	Upper
276	100		
138	20.9	16.9	25.3
277	21.3	19.3	28.9

