

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
 Data File : BG059113.D
 Acq On : 20 Sep 2023 17:27
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020564

Quant Time: Sep 20 23:59:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 20 04:25:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.296	152	32952	20.000	ng/ul	# 0.00
20) Naphthalene-d8	11.140	136	165108	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.929	164	106455	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.679	188	245503	20.000	ng/ul	0.00
79) Chrysene-d12	21.997	240	209778	20.000	ng/ul	0.00
88) Perylene-d12	25.540	264	249601	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.607	96	6882	8.175	ng/uL	0.00
4) Pyridine-d5	4.042	84	52184	21.129	ng/ul	0.00
7) Phenol-d5	7.409	99	67163	20.728	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.614	67	43065	21.658	ng/ul	0.00
11) 2-Chlorophenol-d4	7.814	132	52554	21.979	ng/ul	0.00
15) 4-Methylphenol-d8	8.983	113	54394	21.079	ng/ul	0.00
21) Nitrobenzene-d5	9.489	128	27918	21.913	ng/ul	0.00
24) 2-Nitrophenol-d4	10.211	143	28698	22.298	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.740	165	56177	22.991	ng/ul	0.00
31) 4-Chloroaniline-d4	11.286	131	81290	21.316	ng/ul	0.00
46) Dimethylphthalate-d6	14.318	166	177039	21.624	ng/ul	0.00
49) Acenaphthylene-d8	14.630	160	214803	21.547	ng/ul	0.00
54) 4-Nitrophenol-d4	15.100	143	33905	22.698	ng/ul	0.00
60) Fluorene-d10	15.910	176	163433	21.808	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.022	200	29710	21.286	ng/ul	0.00
73) Anthracene-d10	17.773	188	247646	22.170	ng/ul	0.00
81) Pyrene-d10	20.047	212	273410	22.298	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.294	264	262033	21.500	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.648	88	7285	7.653	ng/uL	91
5) Pyridine	4.060	79	51930	20.635	ng/ul	91
6) Benzaldehyde	7.444	77	40978	24.391	ng/ul	93
8) Phenol	7.438	94	70115	21.054	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.708	93	57150	21.374	ng/ul	96
12) 2-Chlorophenol	7.849	128	54772	22.452	ng/ul	95
13) 2-Methylphenol	8.713	108	51229	20.728	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.801	45	75807	13.655	ng/ul	98
16) Acetophenone	9.136	105	86126	21.679	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.101	70	42471	21.147	ng/ul	95
18) 4-Methylphenol	9.048	108	57851	21.842	ng/ul	86
19) Hexachloroethane	9.383	117	21317	22.225	ng/ul	91
22) Nitrobenzene	9.541	77	61238	21.226	ng/ul	97
23) Isophorone	10.047	82	131201	21.207	ng/ul	97
25) 2-Nitrophenol	10.246	139	31218	21.705	ng/ul	98
26) 2,4-Dimethylphenol	10.270	107	57840	21.509	ng/ul	89
27) Bis(2-Chloroethoxy)met...	10.528	93	81134	21.079	ng/ul	98
29) 2,4-Dichlorophenol	10.764	162	54510	22.069	ng/ul	97
30) Naphthalene	11.192	128	192249	21.760	ng/ul	99
32) 4-Chloroaniline	11.310	127	79441	21.161	ng/ul	98
33) Hexachlorobutadiene	11.422	225	36185	22.761	ng/ul	88
34) Caprolactam	12.085	113	10297	11.384	ng/ul#	77
35) 4-Chloro-3-methylphenol	12.373	107	58244	22.387	ng/ul	99
36) 2-Methylnaphthalene	12.773	142	128119	21.712	ng/ul	98

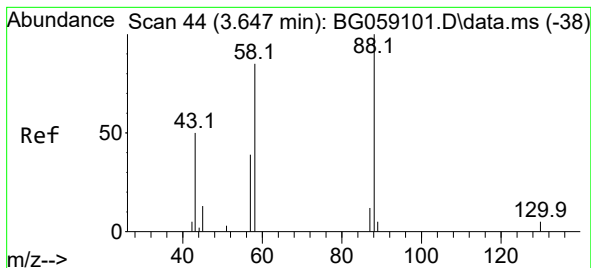
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.990	142	132410	22.214	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.114	216	68290	21.882	ng/ul	98
40) Hexachlorocyclopentadiene	13.073	237	44700	22.466	ng/ul	95
41) 2,4,6-Trichlorophenol	13.355	196	45939	22.542	ng/ul	94
42) 2,4,5-Trichlorophenol	13.419	196	49097	22.272	ng/ul	97
43) 1,1'-Biphenyl	13.760	154	184794	21.748	ng/ul	96
44) 2-Chloronaphthalene	13.819	162	139681	21.529	ng/ul	97
45) 2-Nitroaniline	14.030	65	44640	21.706	ng/ul	99
47) Dimethylphthalate	14.371	163	178235	21.314	ng/ul	99
48) 2,6-Dinitrotoluene	14.512	165	35217	22.790	ng/ul#	86
50) Acenaphthylene	14.659	152	227762	21.390	ng/ul	99
51) 3-Nitroaniline	14.847	138	37720	22.123	ng/ul	95
52) Acenaphthene	14.988	153	156534	21.678	ng/ul	98
53) 2,4-Dinitrophenol	15.047	184	19922	21.396	ng/ul	91
55) 4-Nitrophenol	15.111	109	21380	21.657	ng/ul	95
56) Dibenzofuran	15.323	168	206256	21.535	ng/ul	98
57) 2,4-Dinitrotoluene	15.288	165	49512	22.225	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.528	232	45978	22.533	ng/ul#	89
59) Diethylphthalate	15.717	149	181489	22.025	ng/ul	99
61) Fluorene	15.969	166	175033	21.403	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.952	204	88187	21.727	ng/ul	95
63) 4-Nitroaniline	16.010	138	35315	22.344	ng/ul	89
66) 4,6-Dinitro-2-methylph...	16.034	198	32940	21.896	ng/ul	100
67) N-Nitrosodiphenylamine	16.169	169	143616	21.972	ng/ul	97
68) 4-Bromophenyl-phenylether	16.850	248	54706	22.903	ng/ul	85
69) Hexachlorobenzene	16.939	284	59063	21.588	ng/ul	95
70) Atrazine	17.103	200	58764	22.595	ng/ul	97
71) Pentachlorophenol	17.297	266	40399	22.733	ng/ul	97
72) Phenanthrene	17.720	178	298480	21.726	ng/ul	98
74) Anthracene	17.814	178	306511	21.835	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.725	216	71470	21.836	ng/uL	95
76) Pentachlorobenzene	15.217	250	68641	22.673	ng/uL	89
77) Carbazole	18.084	167	252925	21.671	ng/ul	98
78) Di-n-butylphthalate	18.595	149	309971	21.559	ng/ul	99
80) Fluoranthene	19.712	202	342102	22.390	ng/ul	100
82) Pyrene	20.076	202	351444	22.051	ng/ul	99
83) Butylbenzylphthalate	20.934	149	125591	21.815	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.886	252	116570	22.995	ng/ul	95
85) Benzo(a)anthracene	21.974	228	331582	21.771	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.809	149	184045	21.367	ng/ul#	97
87) Chrysene	22.050	228	308720	21.735	ng/ul	99
89) Di-n-octyl phthalate	23.131	149	317001	20.773	ng/ul	100
90) Benzo(b)fluoranthene	24.389	252	323189	21.249	ng/ul	99
91) Benzo(k)fluoranthene	24.471	252	335003	21.244	ng/ul	97
93) Benzo(a)pyrene	25.376	252	313605	21.454	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.647	276	349544	21.026	ng/ul	97
95) Dibenzo(a,h)anthracene	29.730	278	278559	20.851	ng/ul	97
96) Benzo(g,h,i)perylene	30.952	276	281946	21.054	ng/ul	98

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



#2

1,4-Dioxane

Concen: 7.653 ng/uL

RT: 3.648 min Scan# 44

Delta R.T. -0.004 min

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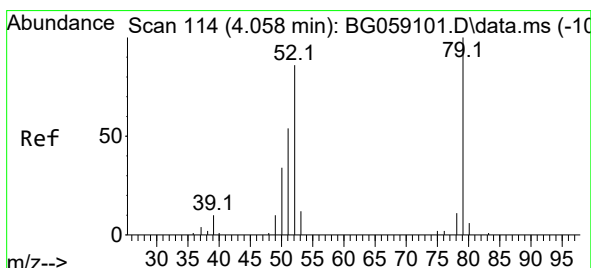
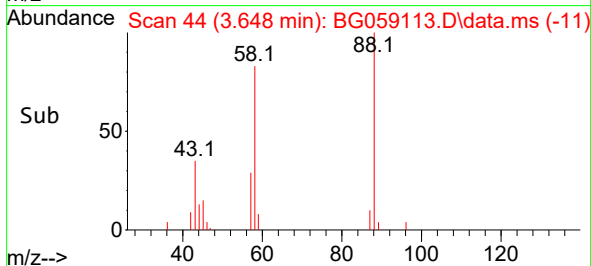
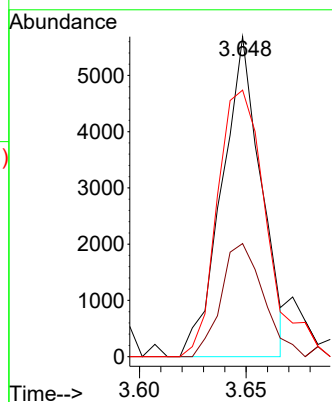
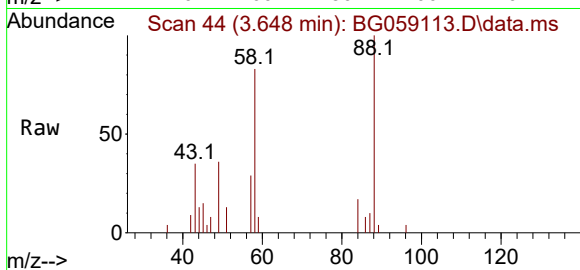
Tgt Ion: 88 Resp: 7285

Ion Ratio Lower Upper

88 100

43 35.3 24.5 36.7

58 83.3 60.6 91.0



#5

Pyridine

Concen: 20.635 ng/uL

RT: 4.060 min Scan# 114

Delta R.T. -0.004 min

Lab File: BG059113.D

Acq: 20 Sep 2023 17:27

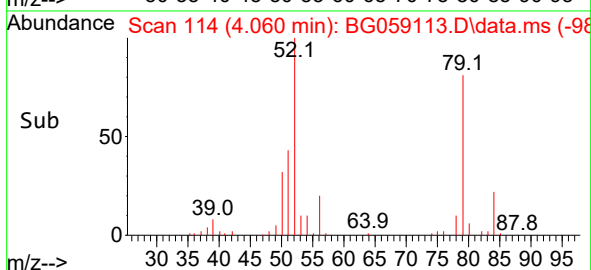
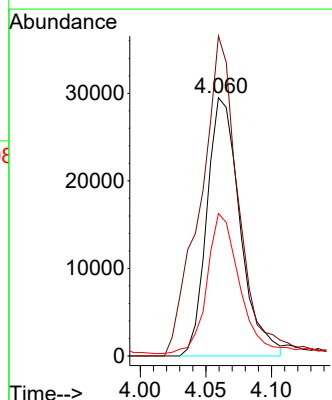
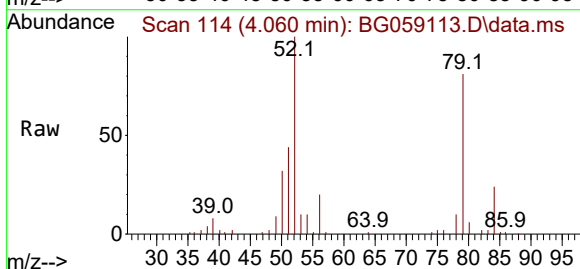
Tgt Ion: 79 Resp: 51930

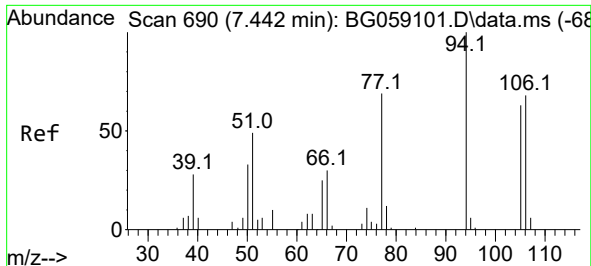
Ion Ratio Lower Upper

79 100

52 123.9 90.6 135.8

51 55.1 39.6 59.4

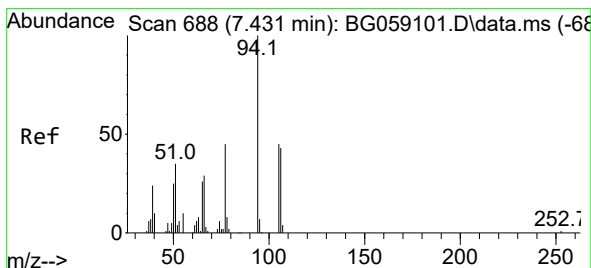
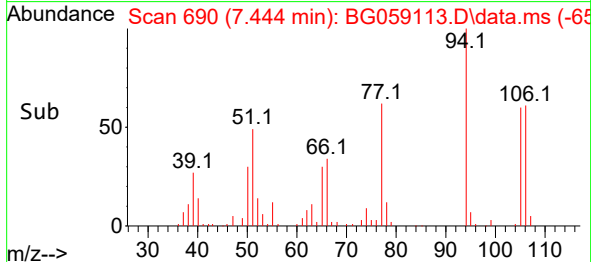
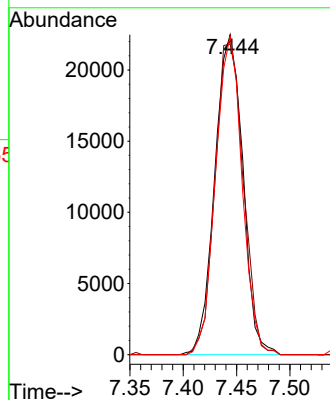
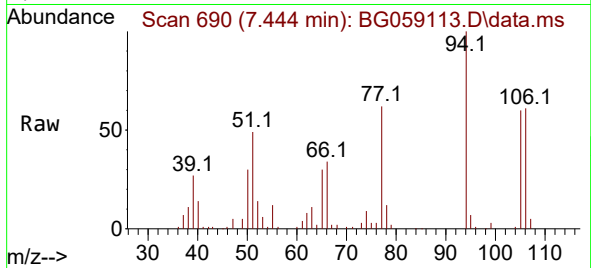




#6
Benzaldehyde
Concen: 24.391 ng/ul
RT: 7.444 min Scan# 690
Delta R.T. 0.002 min
Lab File: BG059113.D
Acq: 20 Sep 2023 17:27

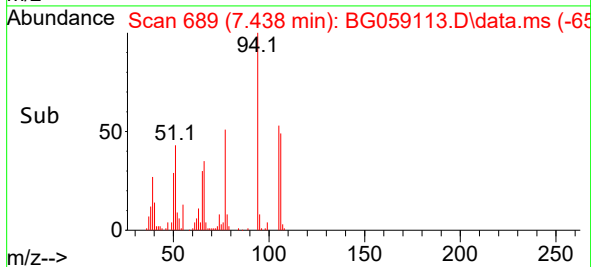
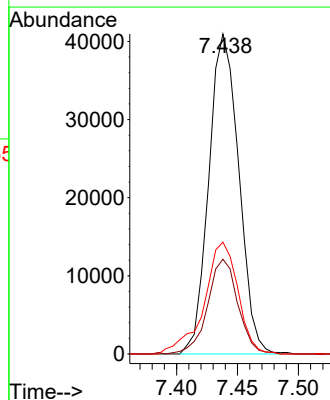
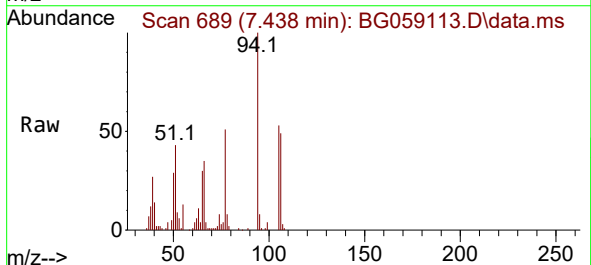
Instrument :
BNA_G
ClientSampleId :
SSTD020564

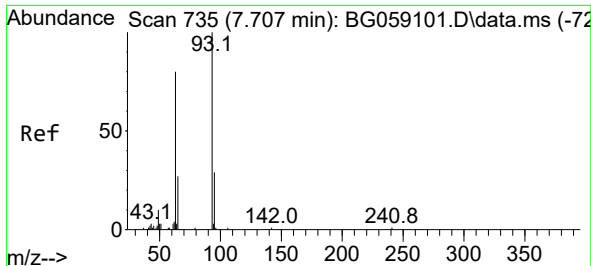
Tgt Ion: 77 Resp: 40978
Ion Ratio Lower Upper
77 100
105 97.1 76.9 115.3
106 99.6 69.4 104.0



#8
Phenol
Concen: 21.054 ng/ul
RT: 7.438 min Scan# 689
Delta R.T. 0.002 min
Lab File: BG059113.D
Acq: 20 Sep 2023 17:27

Tgt Ion: 94 Resp: 70115
Ion Ratio Lower Upper
94 100
65 29.6 24.4 36.6
66 35.0 28.4 42.6





#10

Bis(2-Chloroethyl)ether

Concen: 21.374 ng/ul

RT: 7.708 min Scan# 71

Delta R.T. -0.004 min

Lab File: BG059113.D

Acq: 20 Sep 2023 17:27

Instrument :

BNA_G

ClientSampleId :

SSTD020564

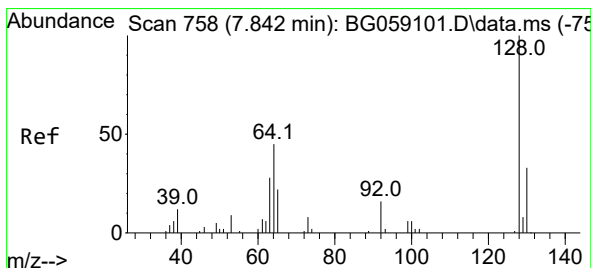
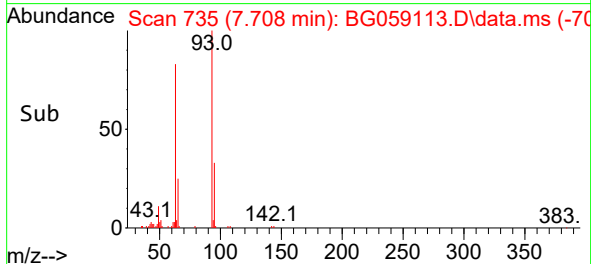
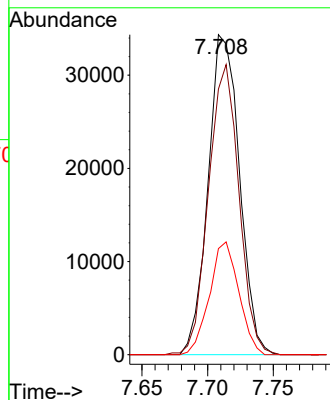
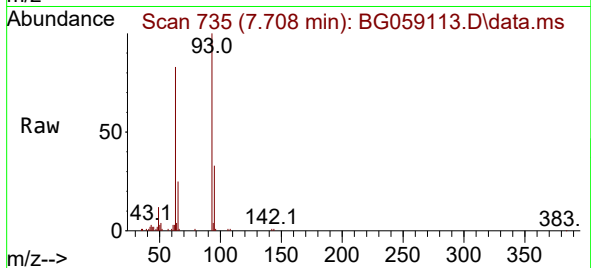
Tgt Ion: 93 Resp: 57150

Ion Ratio Lower Upper

93 100

63 83.0 68.3 102.5

95 33.1 23.8 35.8



#12

2-Chlorophenol

Concen: 22.452 ng/ul

RT: 7.849 min Scan# 759

Delta R.T. 0.002 min

Lab File: BG059113.D

Acq: 20 Sep 2023 17:27

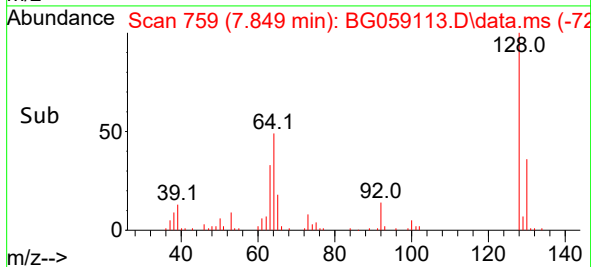
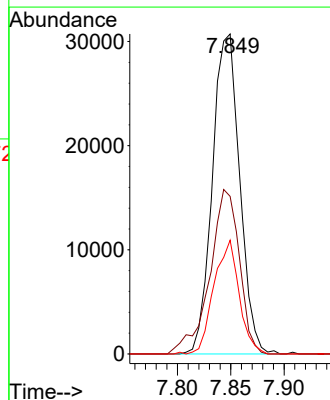
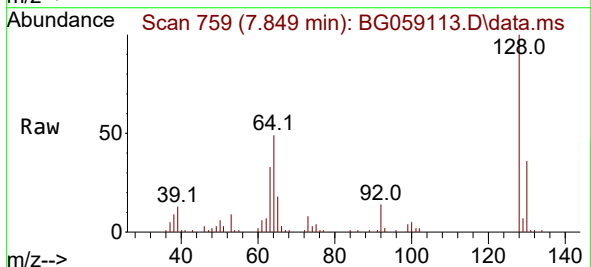
Tgt Ion:128 Resp: 54772

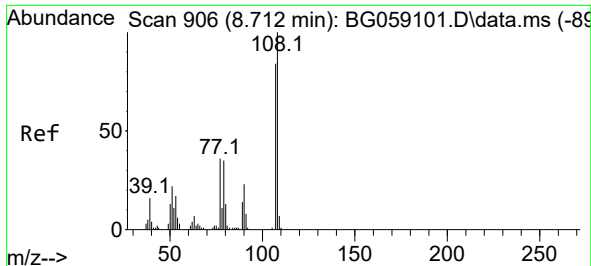
Ion Ratio Lower Upper

128 100

64 49.3 40.3 60.5

130 35.5 24.0 36.0

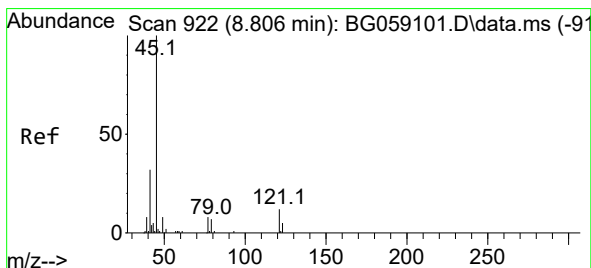
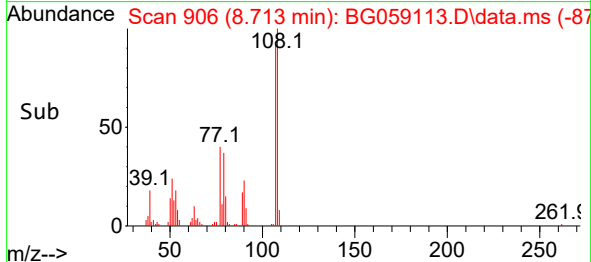
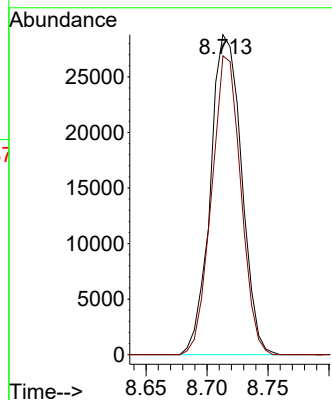
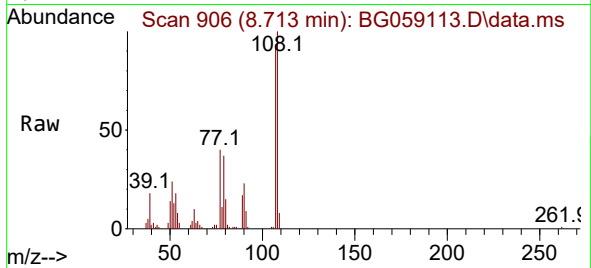




#13
2-Methylphenol
Concen: 20.728 ng/ul
RT: 8.713 min Scan# 906
Delta R.T. -0.004 min
Lab File: BG059113.D
Acq: 20 Sep 2023 17:27

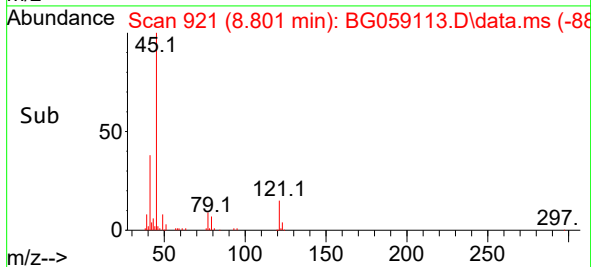
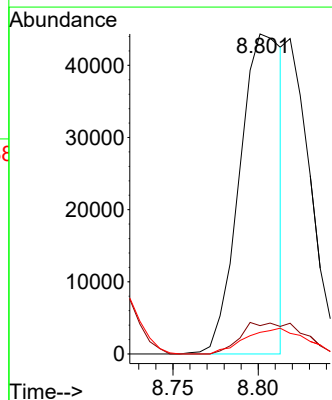
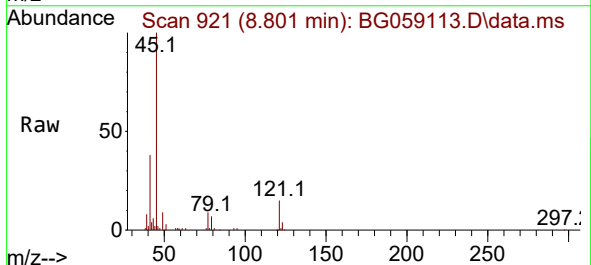
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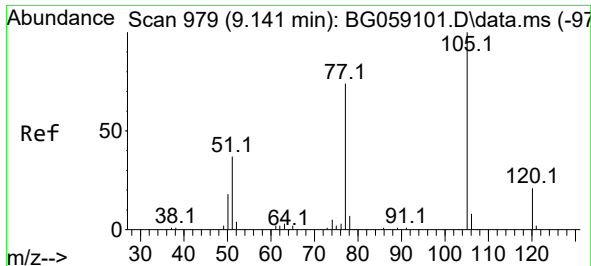
Tgt Ion:108 Resp: 51229
Ion Ratio Lower Upper
108 100
107 93.4 75.1 112.7



#14
2,2'-oxybis(1-Chloropropane)
Concen: 13.655 ng/ul
RT: 8.801 min Scan# 921
Delta R.T. -0.004 min
Lab File: BG059113.D
Acq: 20 Sep 2023 17:27

Tgt Ion: 45 Resp: 75807
Ion Ratio Lower Upper
45 100
77 8.9 7.8 11.6
79 6.8 5.6 8.4

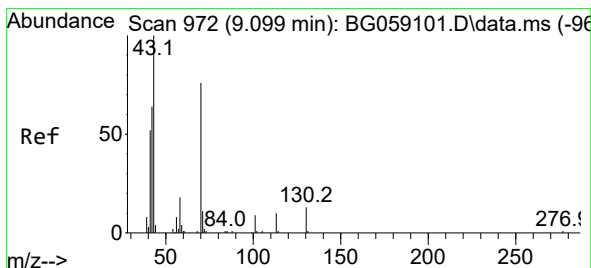
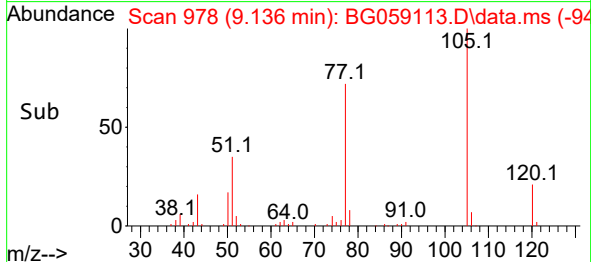
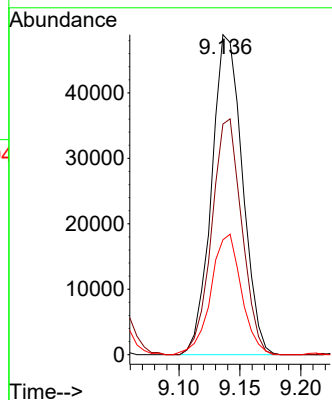
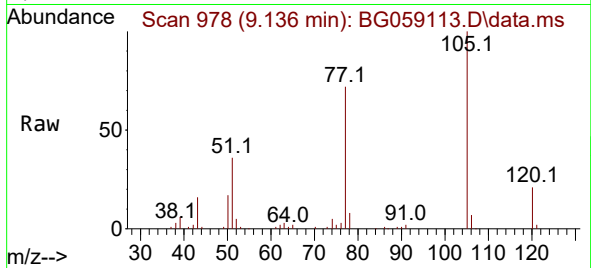




#16
Acetophenone
Concen: 21.679 ng/ul
RT: 9.136 min Scan# 91
Delta R.T. -0.004 min
Lab File: BG059113.D
Acq: 20 Sep 2023 17:27

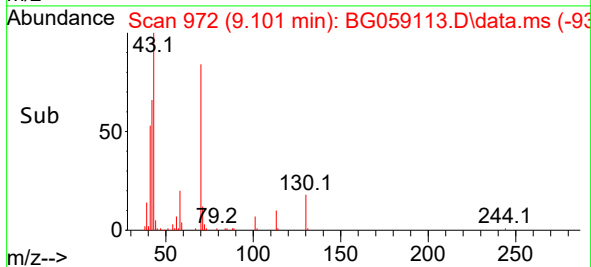
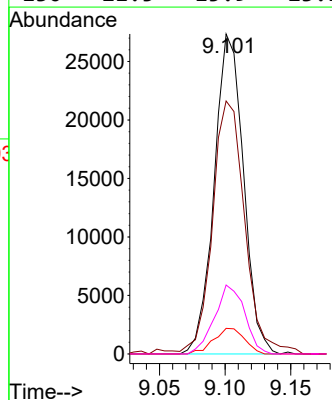
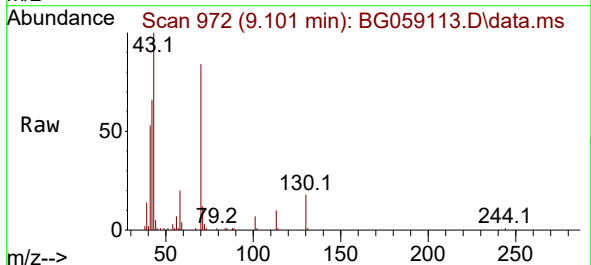
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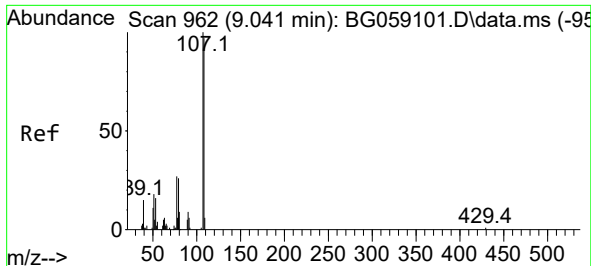
Tgt Ion:105 Resp: 86126
Ion Ratio Lower Upper
105 100
77 72.1 57.2 85.8
51 35.9 31.6 47.4



#17
N-Nitroso-di-n-propylamine
Concen: 21.147 ng/ul
RT: 9.101 min Scan# 972
Delta R.T. 0.002 min
Lab File: BG059113.D
Acq: 20 Sep 2023 17:27

Tgt Ion: 70 Resp: 42471
Ion Ratio Lower Upper
70 100
42 79.1 67.1 100.7
101 8.0 7.6 11.4
130 21.5 15.9 23.9

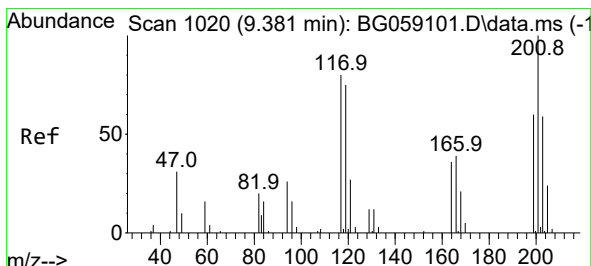
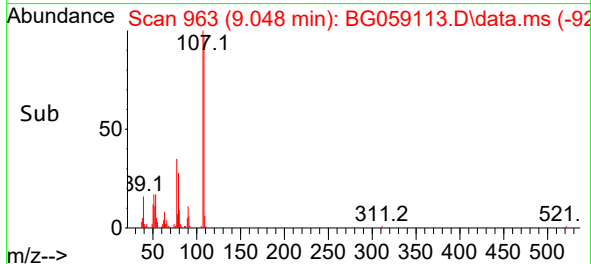
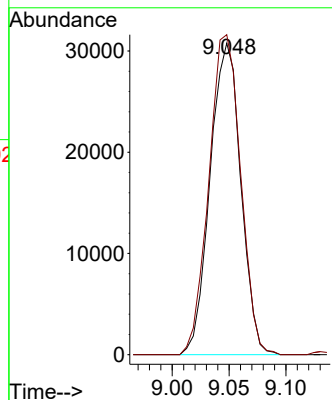
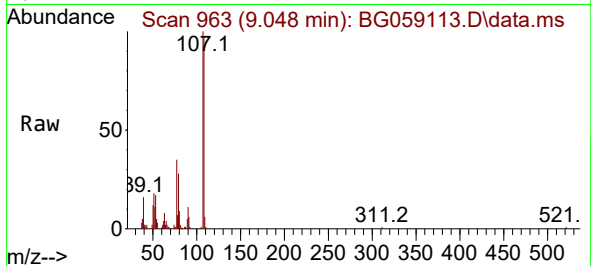




#18
4-Methylphenol
Concen: 21.842 ng/ul
RT: 9.048 min Scan# 90
Delta R.T. 0.002 min
Lab File: BG059113.D
Acq: 20 Sep 2023 17:27

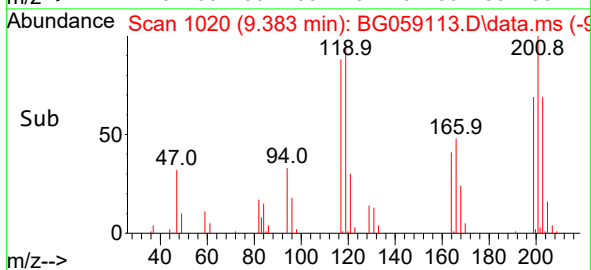
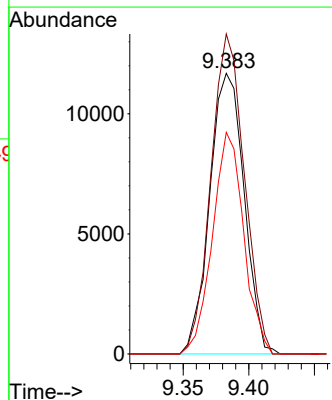
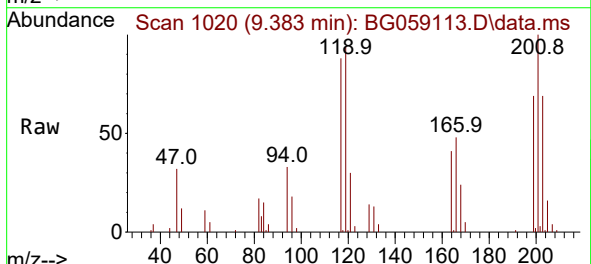
Instrument :
BNA_G
ClientSampleId :
SSTD020564

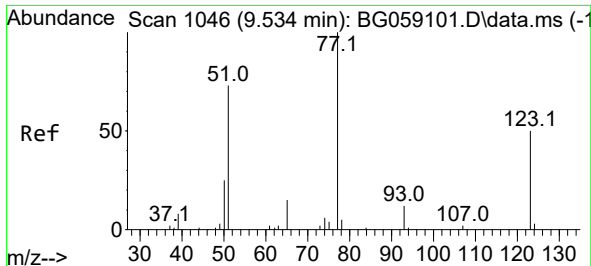
Tgt Ion:108 Resp: 57851
Ion Ratio Lower Upper
108 100
107 102.7 94.4 141.6



#19
Hexachloroethane
Concen: 22.225 ng/ul
RT: 9.383 min Scan# 1020
Delta R.T. 0.002 min
Lab File: BG059113.D
Acq: 20 Sep 2023 17:27

Tgt Ion:117 Resp: 21317
Ion Ratio Lower Upper
117 100
201 115.8 86.4 129.6
199 79.7 56.2 84.2

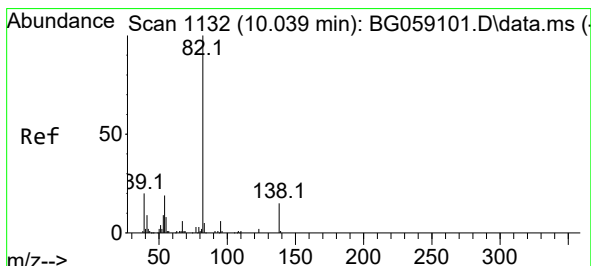
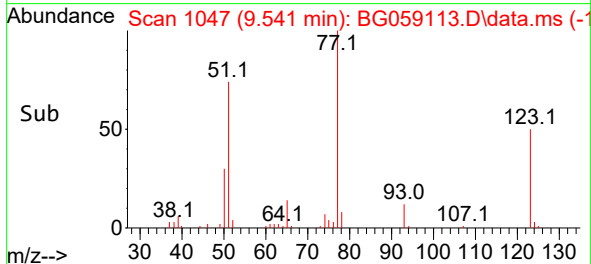
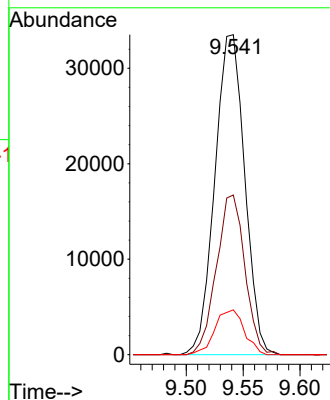
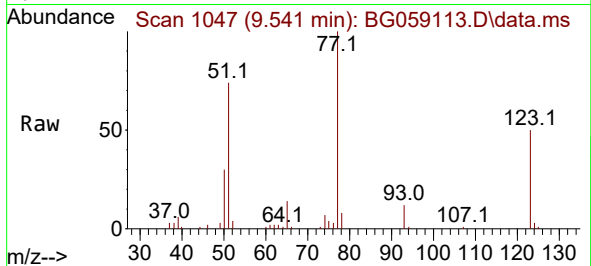




#22
Nitrobenzene
Concen: 21.226 ng/ul
RT: 9.541 min Scan# 1046
Delta R.T. 0.002 min
Lab File: BG059113.D
Acq: 20 Sep 2023 17:27

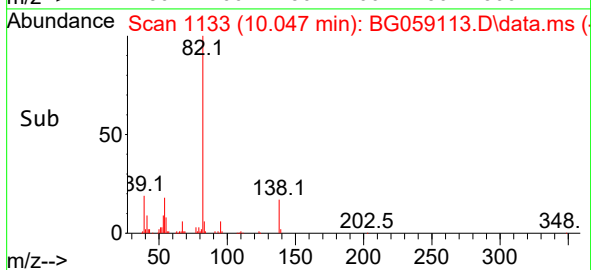
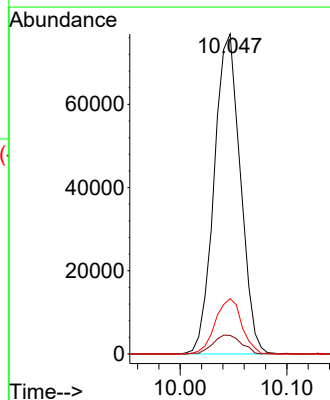
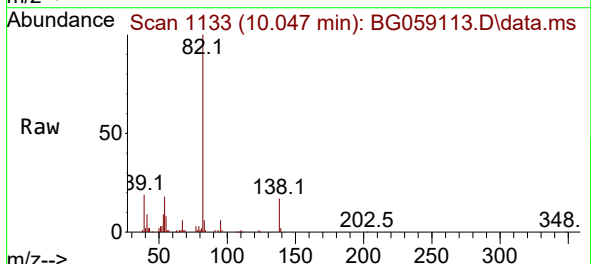
Instrument :
BNA_G
ClientSampleId :
SSTD020564

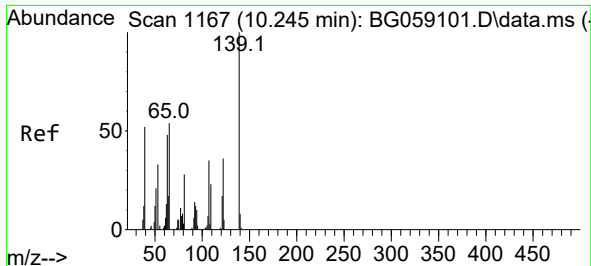
Tgt Ion: 77 Resp: 61238
Ion Ratio Lower Upper
77 100
123 49.9 41.8 62.8
65 14.0 12.3 18.5



#23
Isophorone
Concen: 21.207 ng/ul
RT: 10.047 min Scan# 1133
Delta R.T. 0.002 min
Lab File: BG059113.D
Acq: 20 Sep 2023 17:27

Tgt Ion: 82 Resp: 131201
Ion Ratio Lower Upper
82 100
95 5.8 5.4 8.2
138 17.3 12.7 19.1

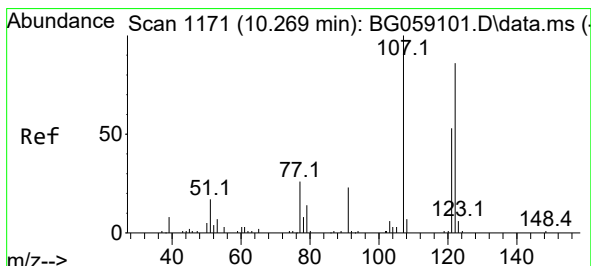
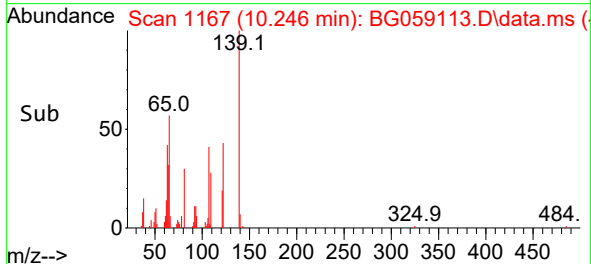
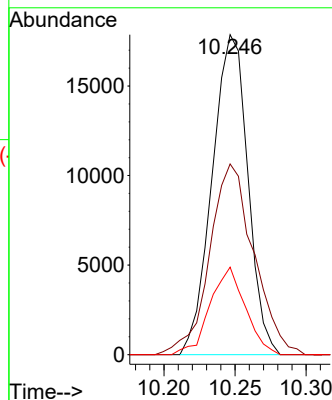
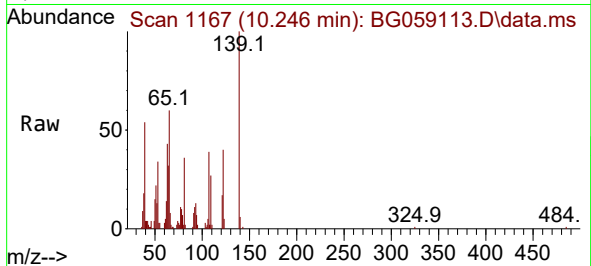




#25
2-Nitrophenol
Concen: 21.705 ng/ul
RT: 10.246 min Scan# 1167
Delta R.T. 0.002 min
Lab File: BG059113.D
Acq: 20 Sep 2023 17:27

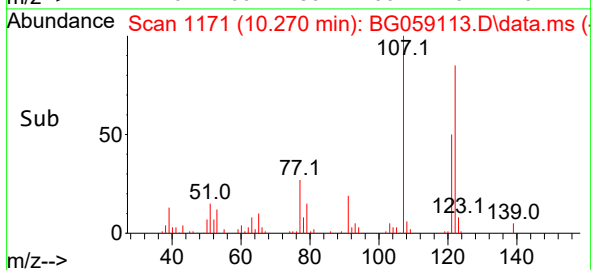
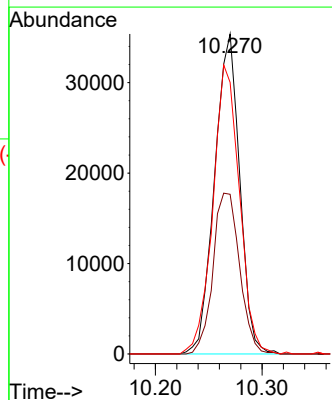
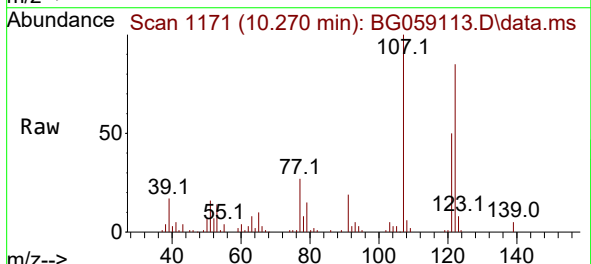
Instrument :
BNA_G
ClientSampleId :
SSTD020564

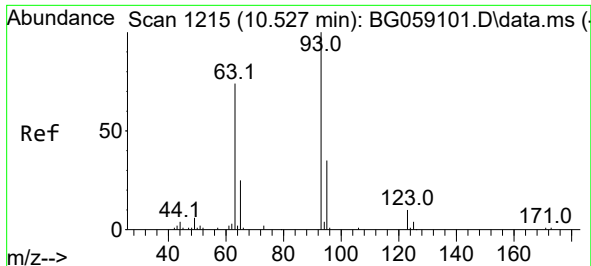
Tgt Ion:139 Resp: 31218
Ion Ratio Lower Upper
139 100
65 59.6 46.4 69.6
109 27.4 21.6 32.4



#26
2,4-Dimethylphenol
Concen: 21.509 ng/ul
RT: 10.270 min Scan# 1171
Delta R.T. 0.002 min
Lab File: BG059113.D
Acq: 20 Sep 2023 17:27

Tgt Ion:107 Resp: 57840
Ion Ratio Lower Upper
107 100
121 49.9 41.4 62.0
122 84.9 80.6 120.8





#27

Bis(2-Chloroethoxy)methane

Concen: 21.079 ng/ul

RT: 10.528 min Scan# 1215

Delta R.T. 0.002 min

Lab File: BG059113.D

Acq: 20 Sep 2023 17:27

Instrument :

BNA_G

ClientSampleId :

SSTD020564

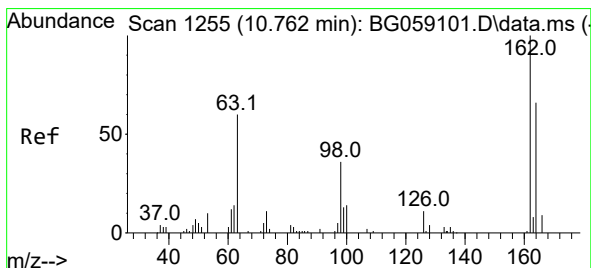
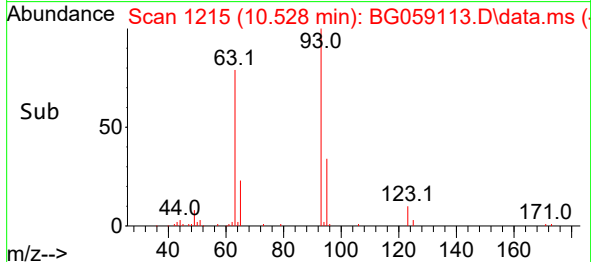
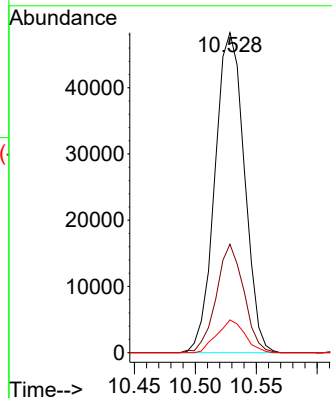
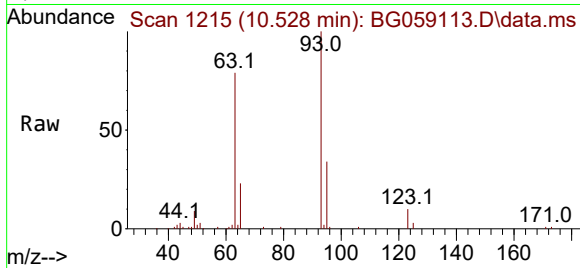
Tgt Ion: 93 Resp: 81134

Ion Ratio Lower Upper

93 100

95 33.9 26.1 39.1

123 10.3 8.7 13.1



#29

2,4-Dichlorophenol

Concen: 22.069 ng/ul

RT: 10.764 min Scan# 1255

Delta R.T. -0.004 min

Lab File: BG059113.D

Acq: 20 Sep 2023 17:27

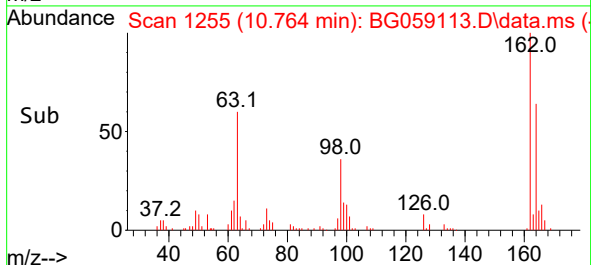
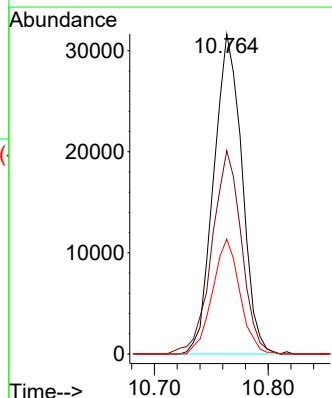
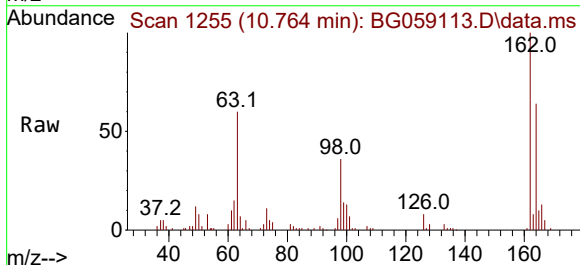
Tgt Ion:162 Resp: 54510

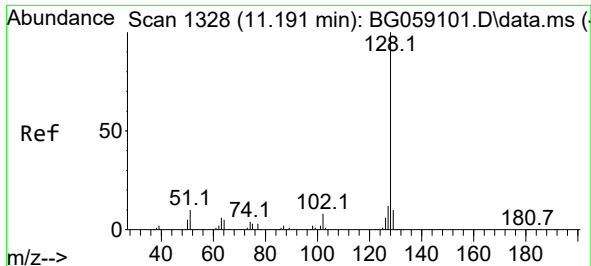
Ion Ratio Lower Upper

162 100

164 63.6 49.8 74.8

98 35.9 25.9 38.9

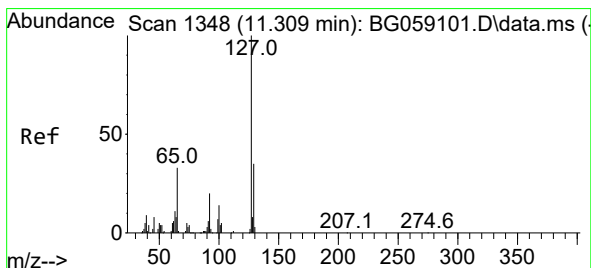
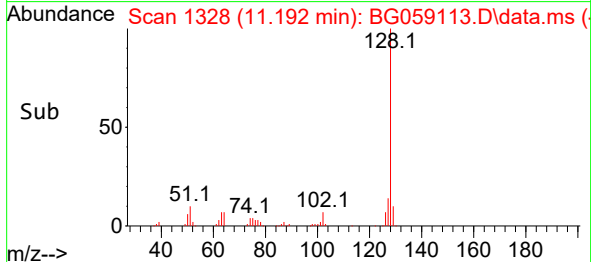
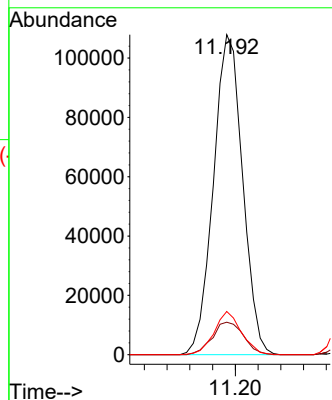
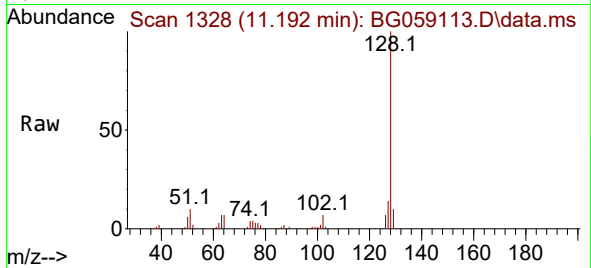




#30
Naphthalene
Concen: 21.760 ng/ul
RT: 11.192 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG059113.D
Acq: 20 Sep 2023 17:27

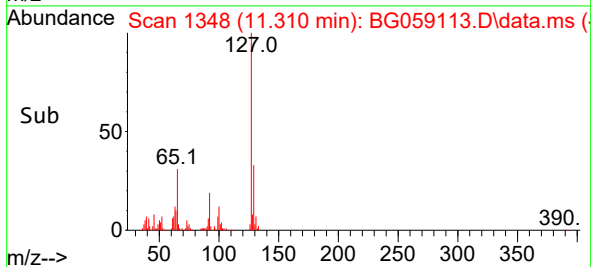
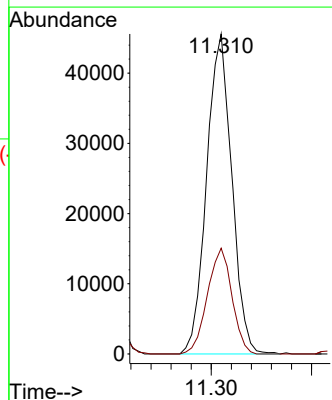
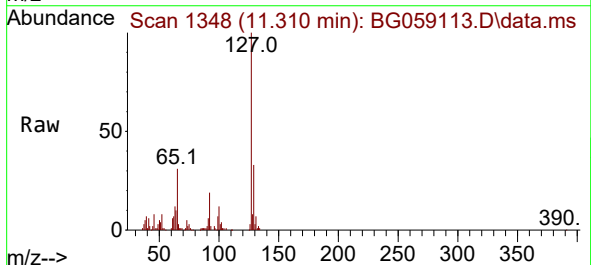
Instrument :
BNA_G
ClientSampleId :
SSTD020564

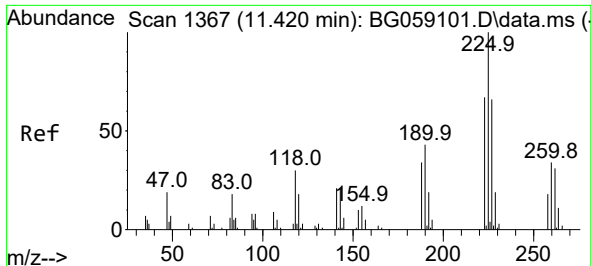
Tgt Ion:128 Resp: 192249
Ion Ratio Lower Upper
128 100
129 10.1 8.4 12.6
127 13.5 10.2 15.4



#32
4-Chloroaniline
Concen: 21.161 ng/ul
RT: 11.310 min Scan# 1348
Delta R.T. 0.002 min
Lab File: BG059113.D
Acq: 20 Sep 2023 17:27

Tgt Ion:127 Resp: 79441
Ion Ratio Lower Upper
127 100
129 33.0 27.2 40.8

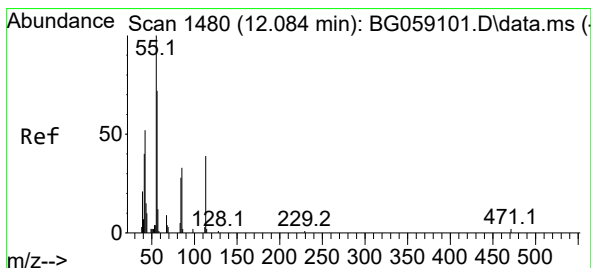
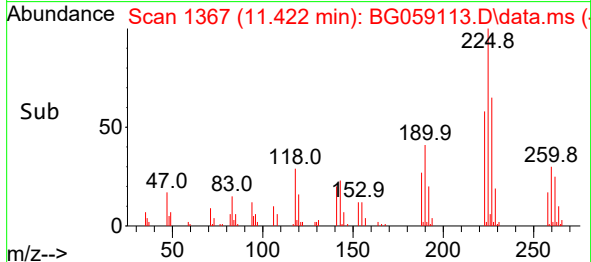
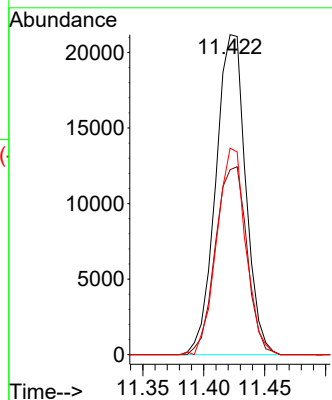
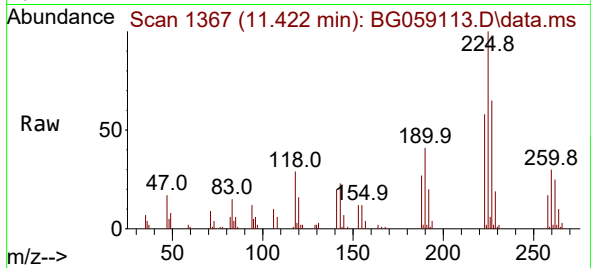




#33
Hexachlorobutadiene
Concen: 22.761 ng/ul
RT: 11.422 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG059113.D
Acq: 20 Sep 2023 17:27

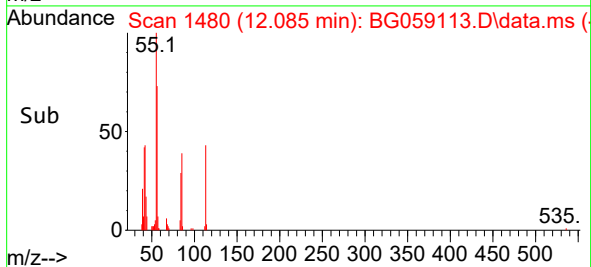
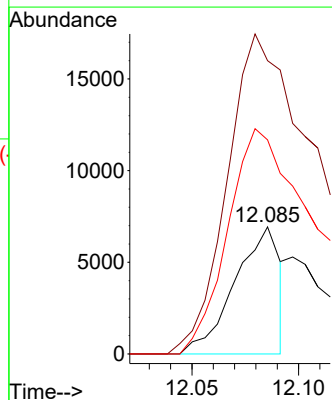
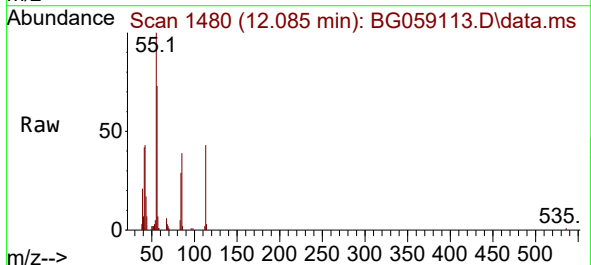
Instrument :
BNA_G
ClientSampleId :
SSTD020564

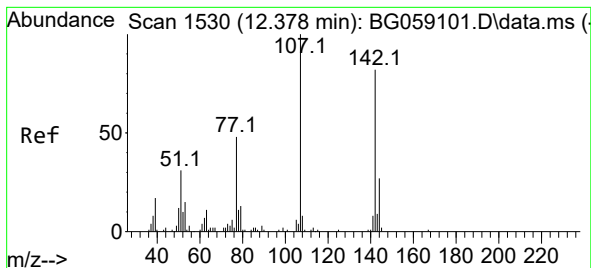
Tgt Ion:225 Resp: 36185
Ion Ratio Lower Upper
225 100
223 57.8 39.0 58.4
227 64.6 45.7 68.5



#34
Caprolactam
Concen: 11.384 ng/ul
RT: 12.085 min Scan# 1480
Delta R.T. -0.010 min
Lab File: BG059113.D
Acq: 20 Sep 2023 17:27

Tgt Ion:113 Resp: 10297
Ion Ratio Lower Upper
113 100
55 230.9 157.6 236.4
56 168.6 112.3 168.5#

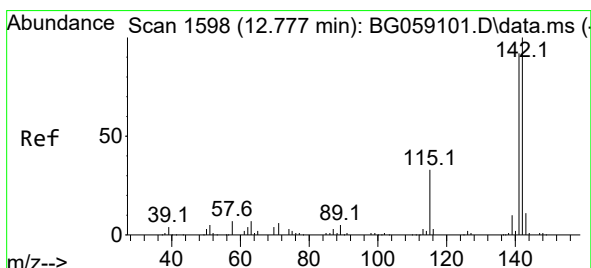
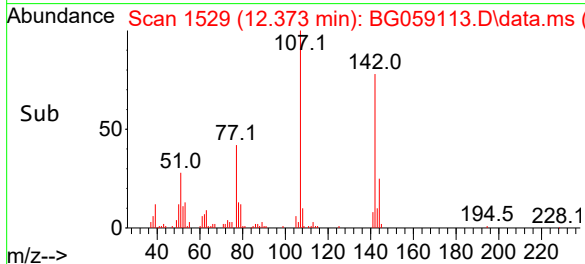
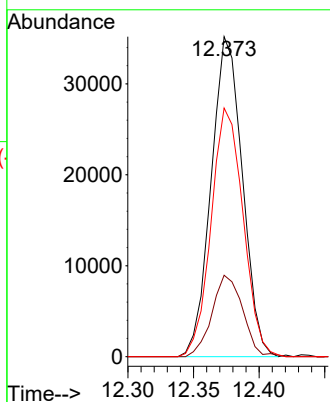
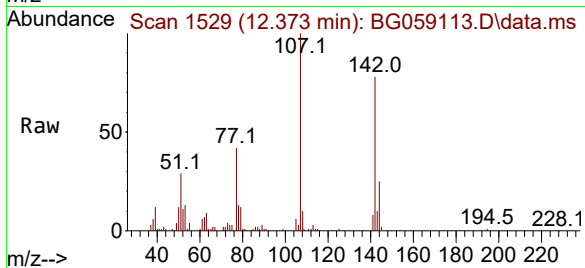




#35
4-Chloro-3-methylphenol
Concen: 22.387 ng/ul
RT: 12.373 min Scan# 1529
Delta R.T. -0.004 min
Lab File: BG059113.D
Acq: 20 Sep 2023 17:27

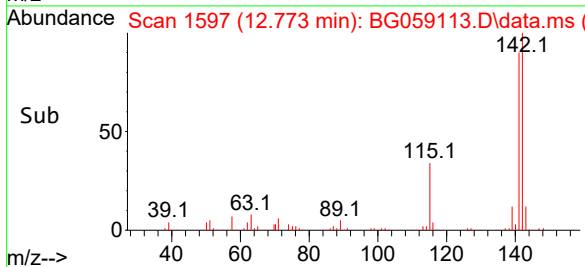
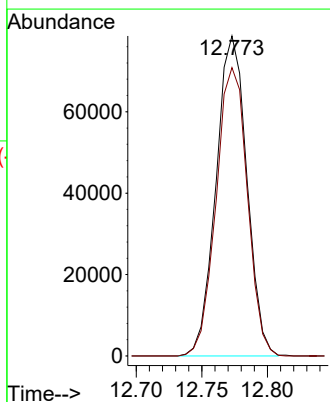
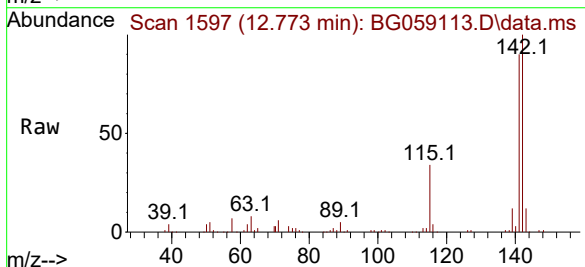
Instrument :
BNA_G
ClientSampleId :
SSTD020564

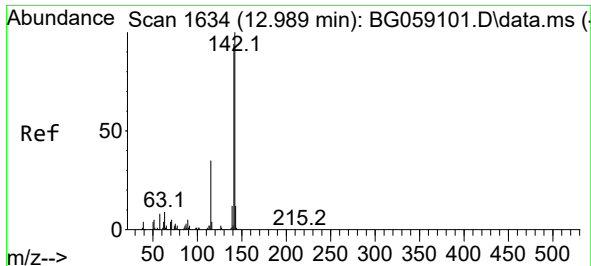
Tgt Ion:107 Resp: 58244
Ion Ratio Lower Upper
107 100
144 25.5 20.1 30.1
142 77.7 62.7 94.1



#36
2-Methylnaphthalene
Concen: 21.712 ng/ul
RT: 12.773 min Scan# 1597
Delta R.T. -0.004 min
Lab File: BG059113.D
Acq: 20 Sep 2023 17:27

Tgt Ion:142 Resp: 128119
Ion Ratio Lower Upper
142 100
141 90.1 70.6 106.0





#37

1-Methylnaphthalene

Concen: 22.214 ng/ul

RT: 12.990 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG059113.D

Acq: 20 Sep 2023 17:27

Instrument :

BNA_G

ClientSampleId :

SSTD020564

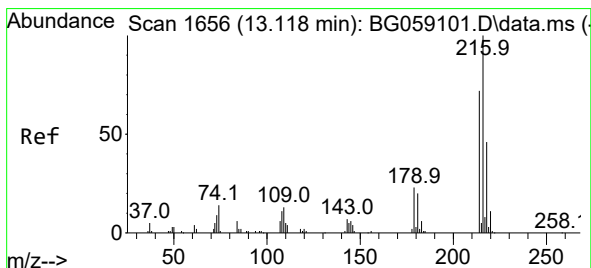
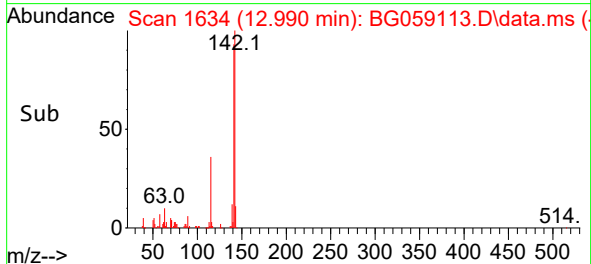
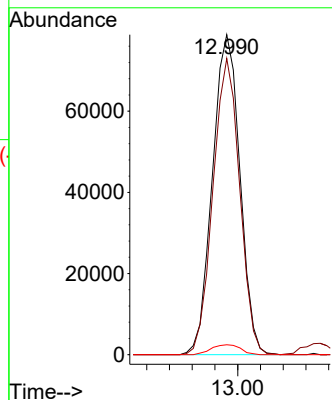
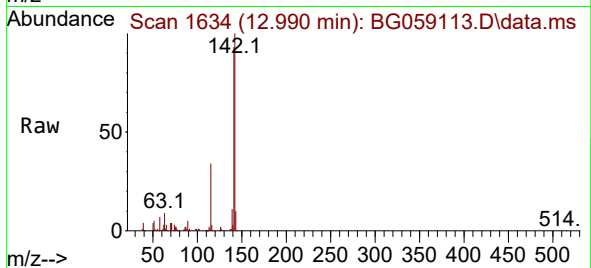
Tgt Ion:142 Resp: 132410

Ion Ratio Lower Upper

142 100

141 92.6 72.0 108.0

116 3.1 2.7 4.1



#39

1,2,4,5-Tetrachlorobenzene

Concen: 21.882 ng/ul

RT: 13.114 min Scan# 1655

Delta R.T. -0.004 min

Lab File: BG059113.D

Acq: 20 Sep 2023 17:27

Tgt Ion:216 Resp: 68290

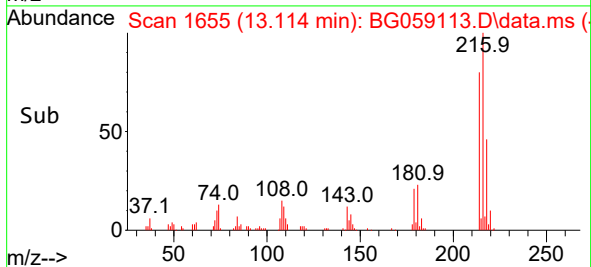
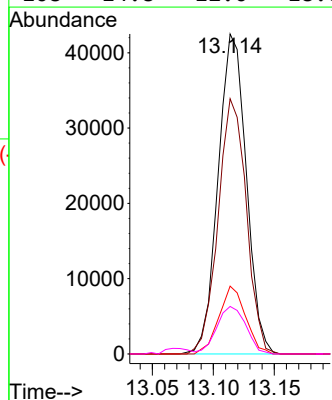
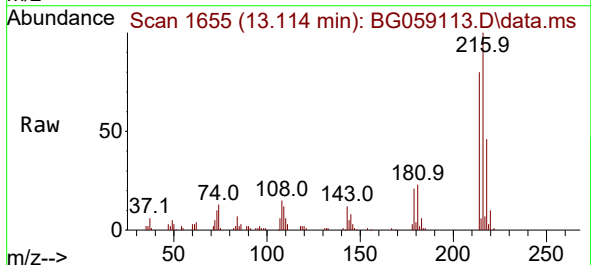
Ion Ratio Lower Upper

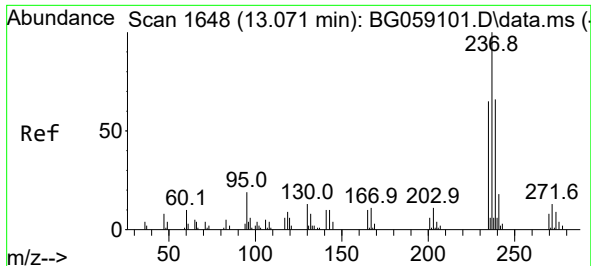
216 100

214 79.8 62.6 94.0

179 21.2 16.0 24.0

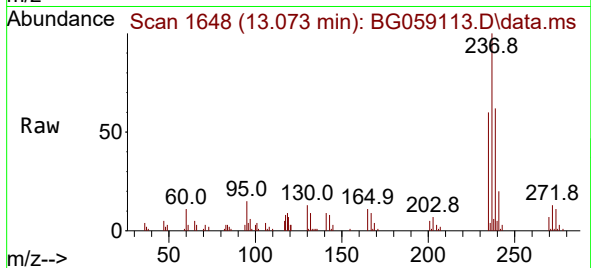
108 14.8 12.0 18.0



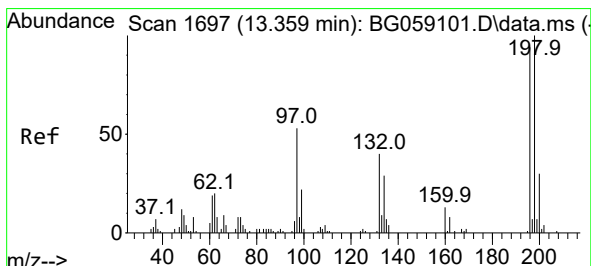
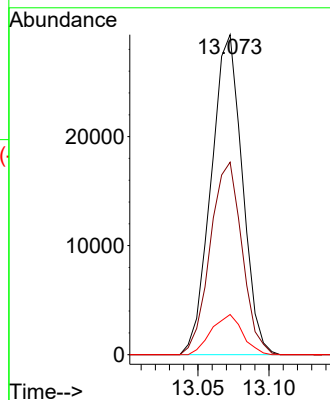
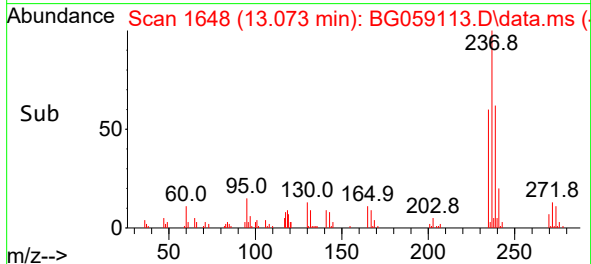


#40
Hexachlorocyclopentadiene
Concen: 22.466 ng/ul
RT: 13.073 min Scan# 1648
Delta R.T. 0.002 min
Lab File: BG059113.D
Acq: 20 Sep 2023 17:27

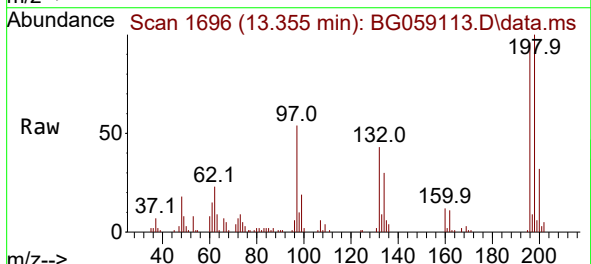
Instrument :
BNA_G
ClientSampleId :
SSTD020564



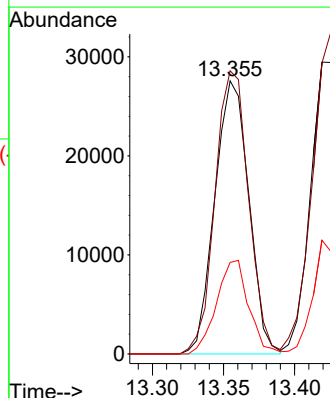
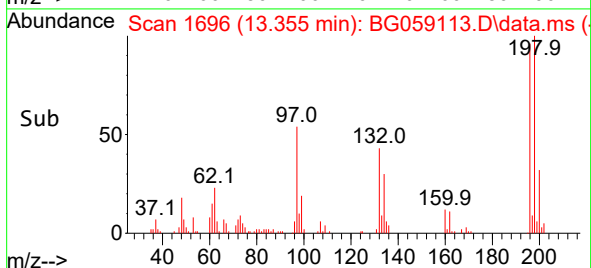
Tgt Ion:237 Resp: 44700
Ion Ratio Lower Upper
237 100
235 60.2 51.6 77.4
272 12.5 10.6 15.8

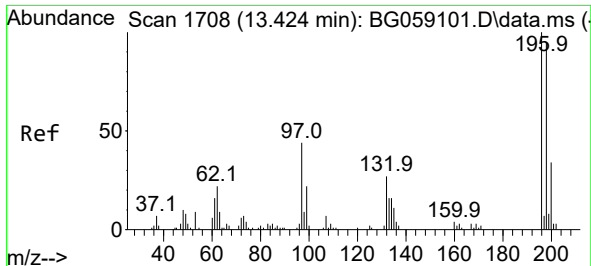


#41
2,4,6-Trichlorophenol
Concen: 22.542 ng/ul
RT: 13.355 min Scan# 1696
Delta R.T. -0.004 min
Lab File: BG059113.D
Acq: 20 Sep 2023 17:27



Tgt Ion:196 Resp: 45939
Ion Ratio Lower Upper
196 100
198 103.7 78.5 117.7
200 33.5 24.4 36.6

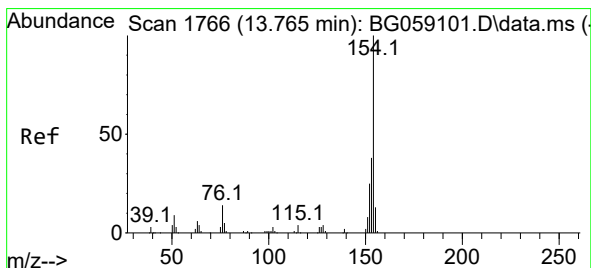
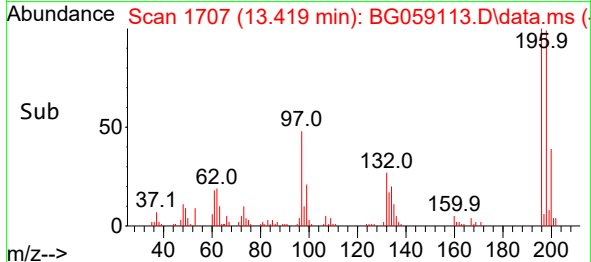
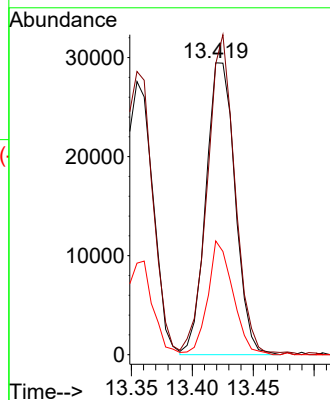
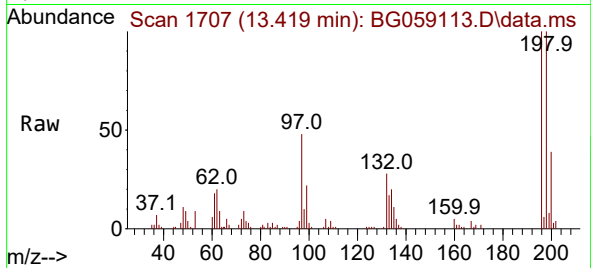




#42
2,4,5-Trichlorophenol
Concen: 22.272 ng/ul
RT: 13.419 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG059113.D
Acq: 20 Sep 2023 17:27

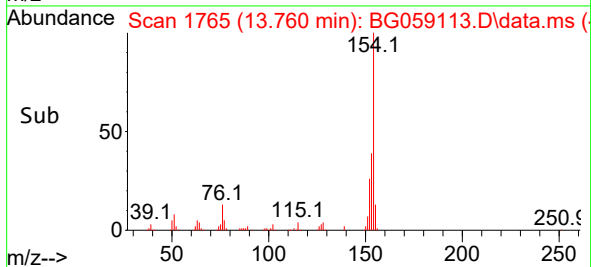
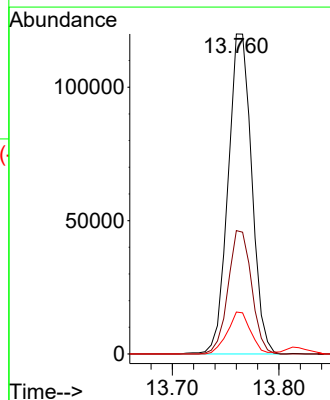
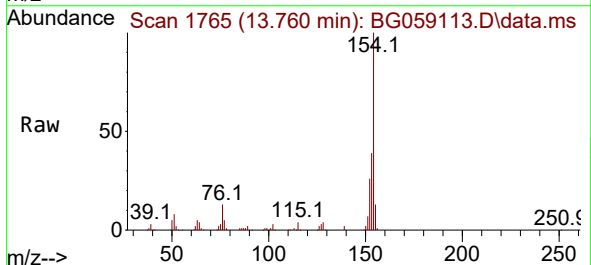
Instrument :
BNA_G
ClientSampleId :
SSTD020564

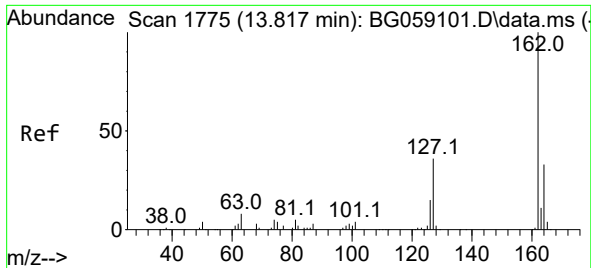
Tgt Ion:196 Resp: 49097
Ion Ratio Lower Upper
196 100
198 99.6 81.0 121.6
200 39.0 27.1 40.7



#43
1,1'-Biphenyl
Concen: 21.748 ng/ul
RT: 13.760 min Scan# 1765
Delta R.T. -0.004 min
Lab File: BG059113.D
Acq: 20 Sep 2023 17:27

Tgt Ion:154 Resp: 184794
Ion Ratio Lower Upper
154 100
153 38.6 33.2 49.8
76 13.1 9.8 14.8

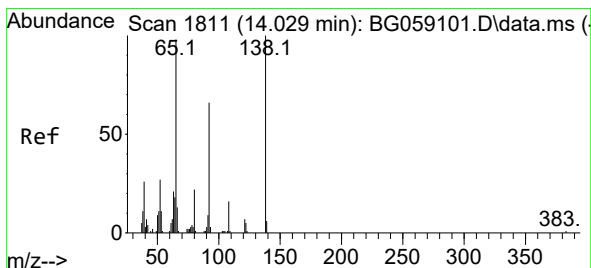
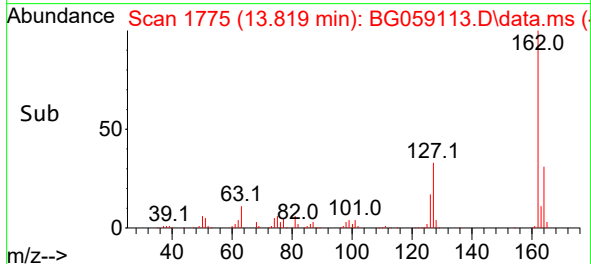
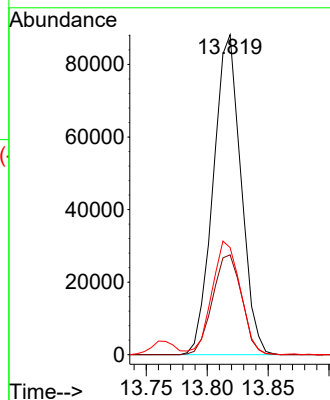
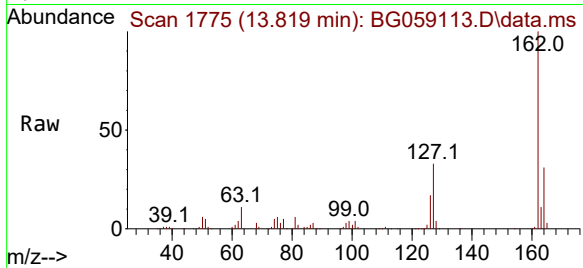




#44
2-Chloronaphthalene
Concen: 21.529 ng/ul
RT: 13.819 min Scan# 1775
Delta R.T. 0.002 min
Lab File: BG059113.D
Acq: 20 Sep 2023 17:27

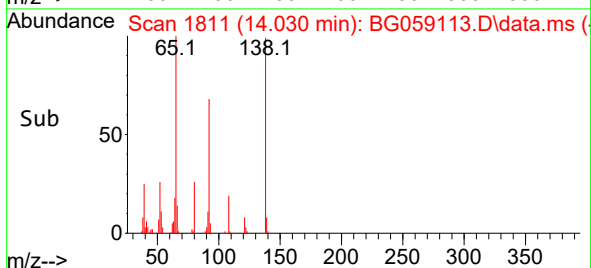
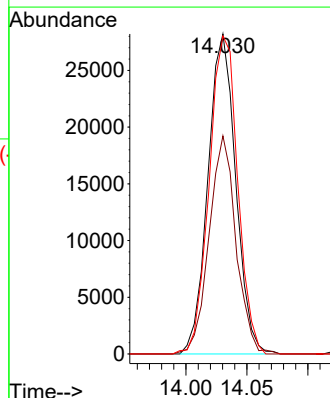
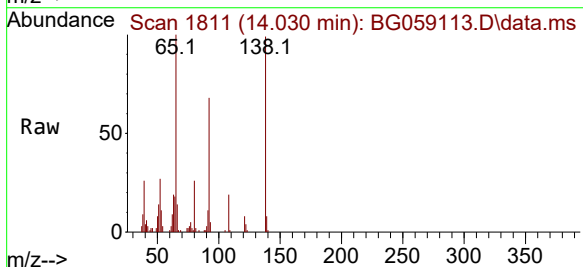
Instrument :
BNA_G
ClientSampleId :
SSTD020564

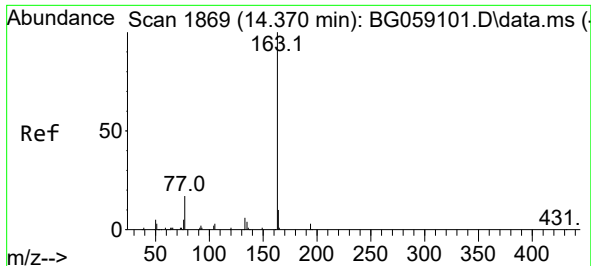
Tgt Ion:162 Resp: 139681
Ion Ratio Lower Upper
162 100
164 31.2 27.2 40.8
127 33.5 27.4 41.2



#45
2-Nitroaniline
Concen: 21.706 ng/ul
RT: 14.030 min Scan# 1811
Delta R.T. 0.002 min
Lab File: BG059113.D
Acq: 20 Sep 2023 17:27

Tgt Ion: 65 Resp: 44640
Ion Ratio Lower Upper
65 100
92 68.2 53.6 80.4
138 99.3 79.8 119.6

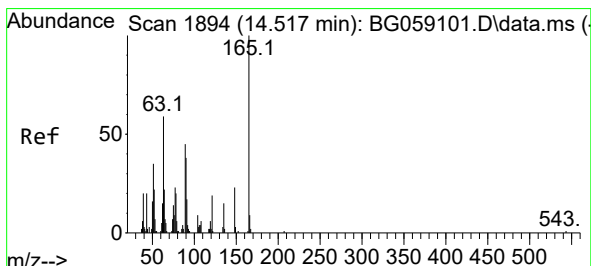
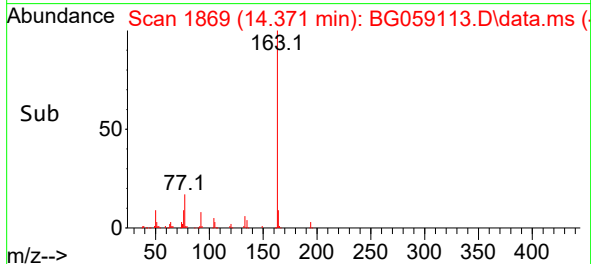
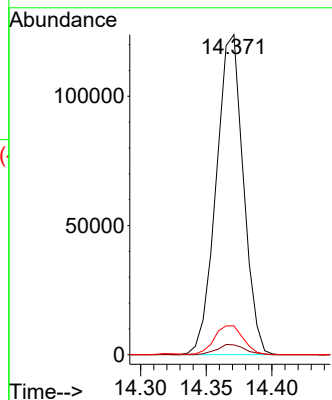
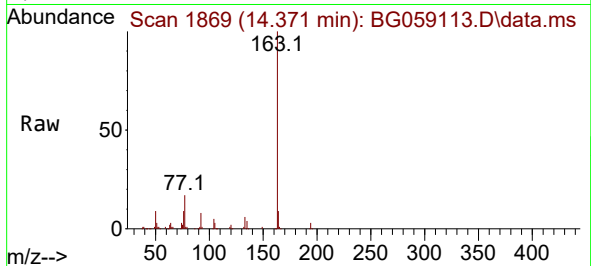




#47
Dimethylphthalate
Concen: 21.314 ng/ul
RT: 14.371 min Scan# 1869
Delta R.T. 0.002 min
Lab File: BG059113.D
Acq: 20 Sep 2023 17:27

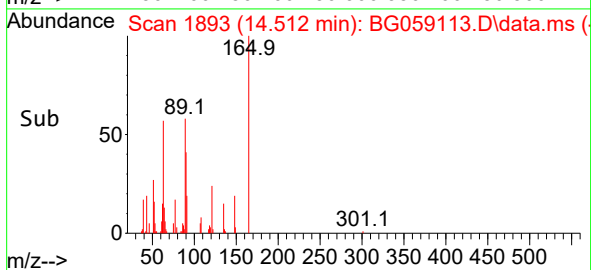
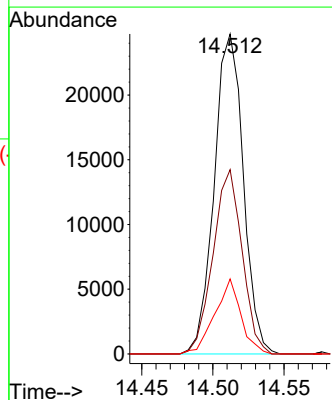
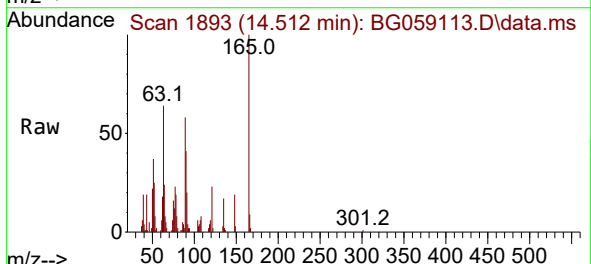
Instrument :
BNA_G
ClientSampleId :
SSTD020564

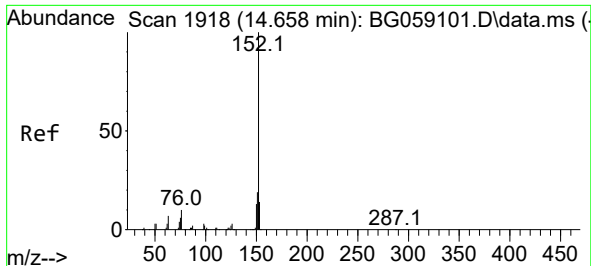
Tgt Ion:163 Resp: 178235
Ion Ratio Lower Upper
163 100
194 3.0 2.8 4.2
164 9.0 7.6 11.4



#48
2,6-Dinitrotoluene
Concen: 22.790 ng/ul
RT: 14.512 min Scan# 1893
Delta R.T. 0.002 min
Lab File: BG059113.D
Acq: 20 Sep 2023 17:27

Tgt Ion:165 Resp: 35217
Ion Ratio Lower Upper
165 100
89 57.6 38.7 58.1
121 23.5 13.4 20.0#

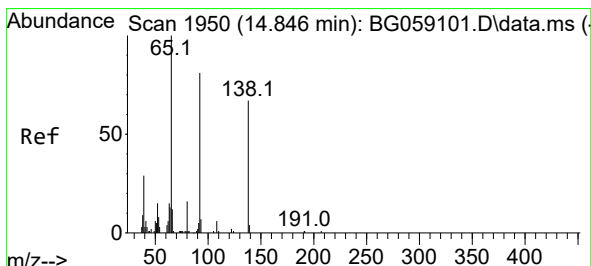
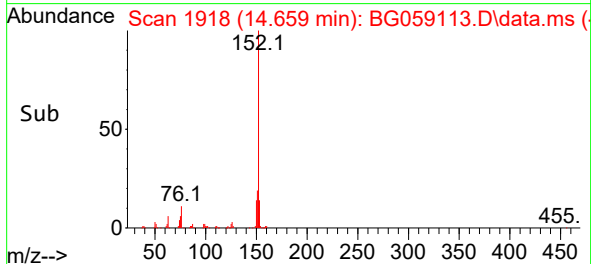
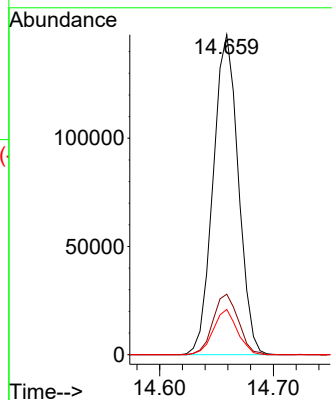
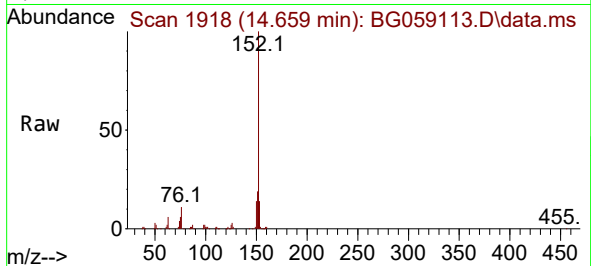




#50
Acenaphthylene
Concen: 21.390 ng/ul
RT: 14.659 min Scan# 1918
Delta R.T. 0.002 min
Lab File: BG059113.D
Acq: 20 Sep 2023 17:27

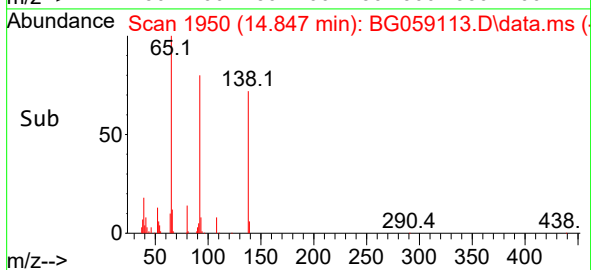
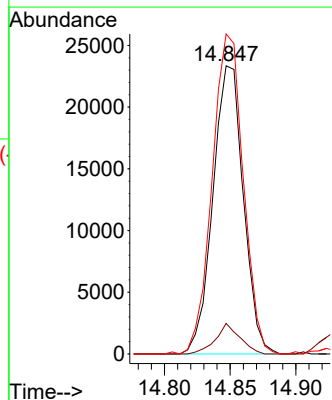
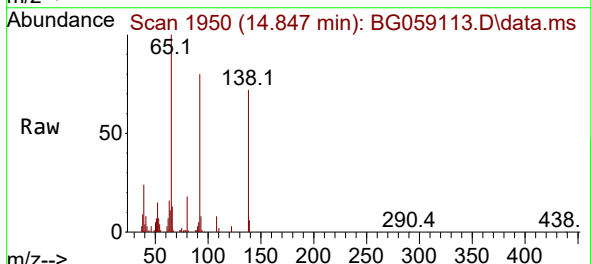
Instrument :
BNA_G
ClientSampleId :
SSTD020564

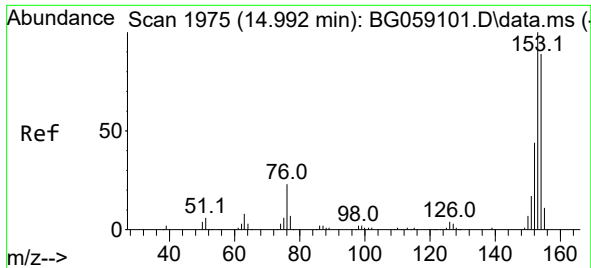
Tgt Ion:152 Resp: 227762
Ion Ratio Lower Upper
152 100
151 18.9 15.8 23.6
153 14.2 11.3 16.9



#51
3-Nitroaniline
Concen: 22.123 ng/ul
RT: 14.847 min Scan# 1950
Delta R.T. -0.004 min
Lab File: BG059113.D
Acq: 20 Sep 2023 17:27

Tgt Ion:138 Resp: 37720
Ion Ratio Lower Upper
138 100
108 10.6 7.4 11.2
92 111.0 93.4 140.0

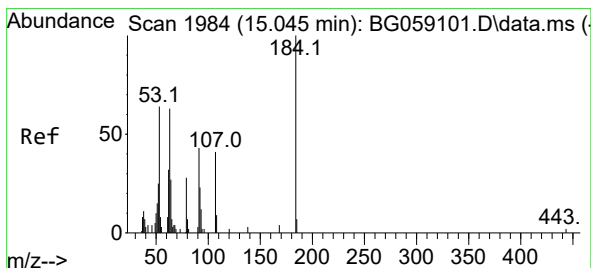
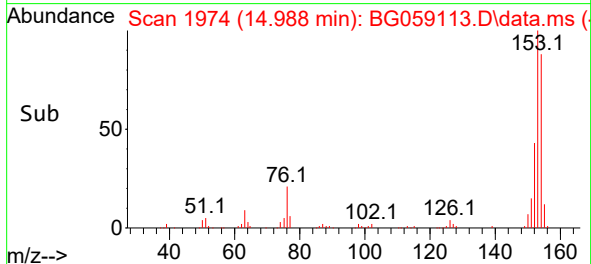
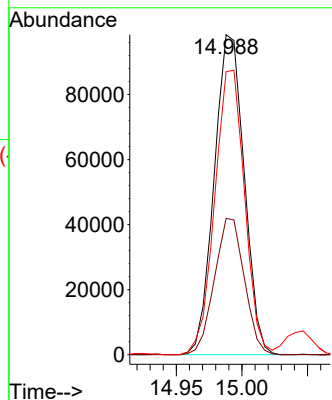
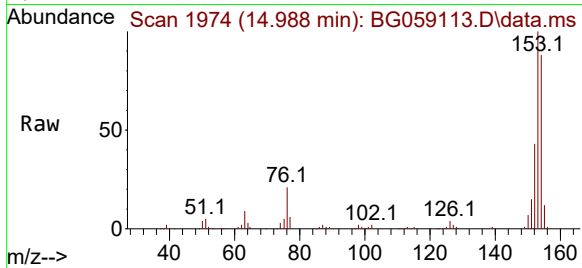




#52
Acenaphthene
Concen: 21.678 ng/ul
RT: 14.988 min Scan# 1974
Delta R.T. -0.004 min
Lab File: BG059113.D
Acq: 20 Sep 2023 17:27

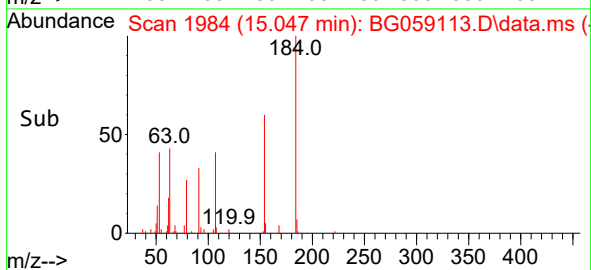
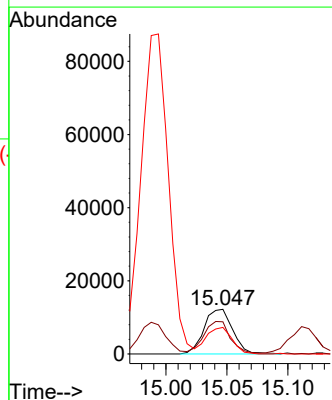
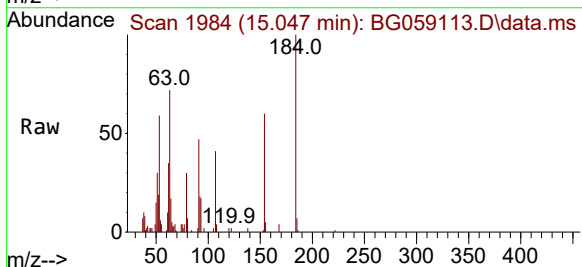
Instrument :
BNA_G
ClientSampleId :
SSTD020564

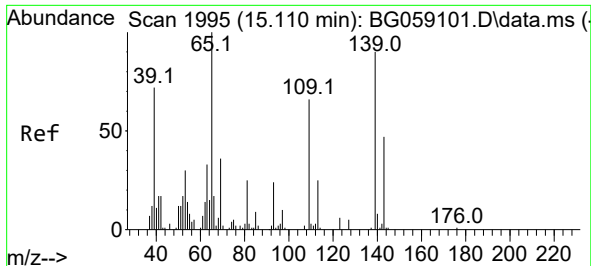
Tgt Ion:153 Resp: 156534
Ion Ratio Lower Upper
153 100
152 42.6 36.0 54.0
154 88.5 71.3 106.9



#53
2,4-Dinitrophenol
Concen: 21.396 ng/ul
RT: 15.047 min Scan# 1984
Delta R.T. 0.008 min
Lab File: BG059113.D
Acq: 20 Sep 2023 17:27

Tgt Ion:184 Resp: 19922
Ion Ratio Lower Upper
184 100
63 72.2 53.5 80.3
154 59.6 54.6 81.8

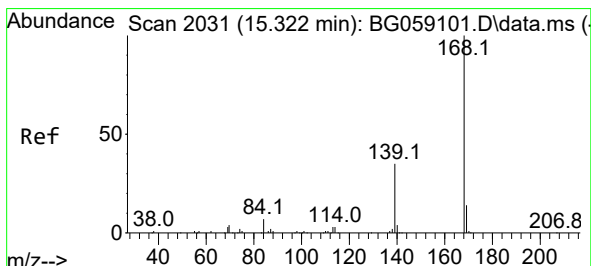
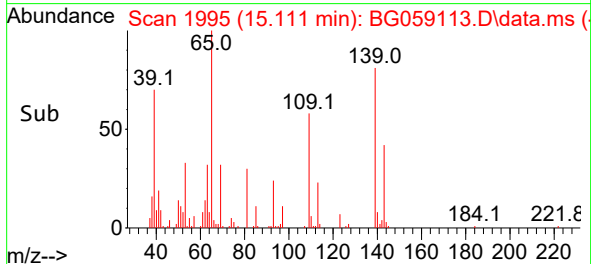
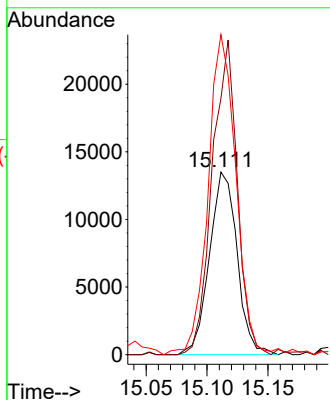
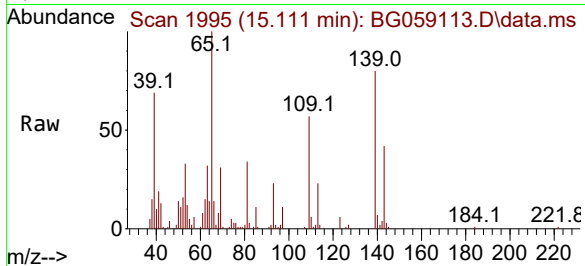




#55
4-Nitrophenol
Concen: 21.657 ng/ul
RT: 15.111 min Scan# 1995
Delta R.T. 0.002 min
Lab File: BG059113.D
Acq: 20 Sep 2023 17:27

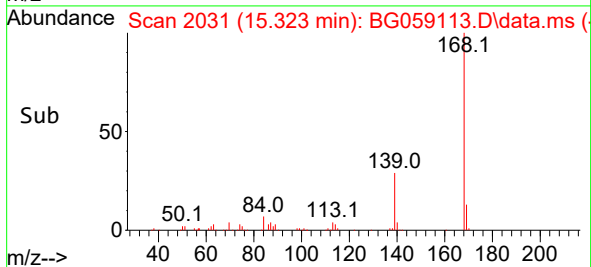
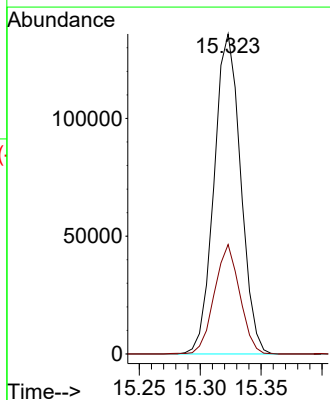
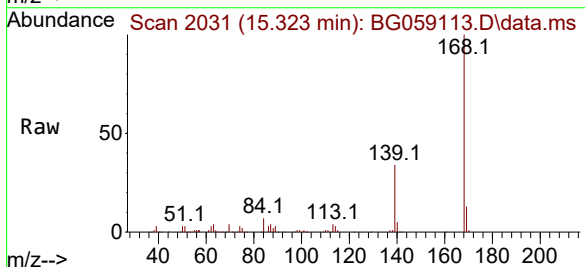
Instrument :
BNA_G
ClientSampleId :
SSTD020564

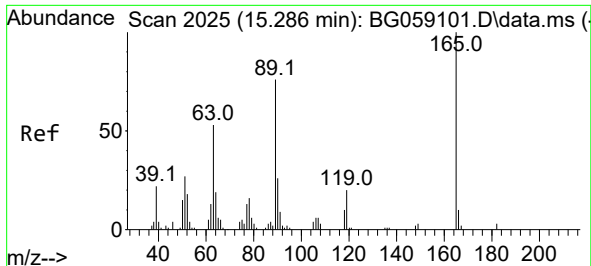
Tgt Ion:109 Resp: 21380
Ion Ratio Lower Upper
109 100
139 140.3 114.5 171.7
65 175.2 132.1 198.1



#56
Dibenzofuran
Concen: 21.535 ng/ul
RT: 15.323 min Scan# 2031
Delta R.T. -0.004 min
Lab File: BG059113.D
Acq: 20 Sep 2023 17:27

Tgt Ion:168 Resp: 206256
Ion Ratio Lower Upper
168 100
139 34.2 26.3 39.5





#57

2,4-Dinitrotoluene

Concen: 22.225 ng/ul

RT: 15.288 min Scan# 20

Delta R.T. 0.002 min

Lab File: BG059113.D

Acq: 20 Sep 2023 17:27

Instrument :

BNA_G

ClientSampleId :

SSTD020564

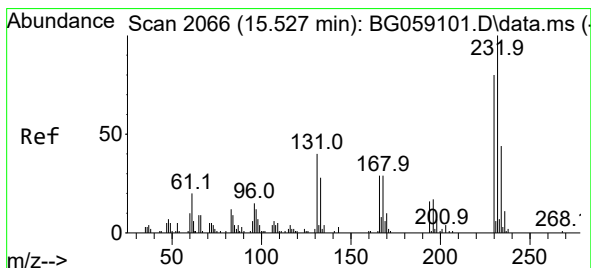
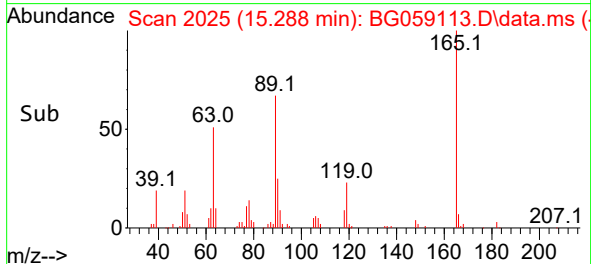
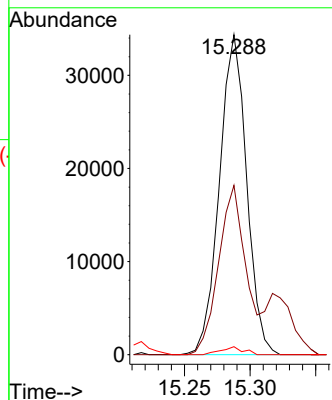
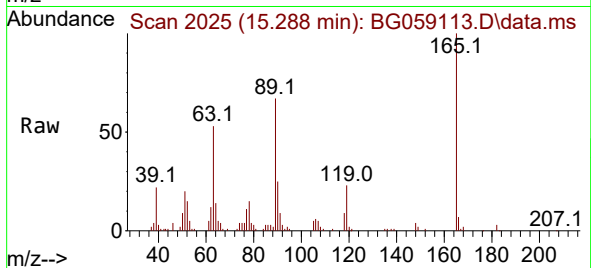
Tgt Ion:165 Resp: 49512

Ion Ratio Lower Upper

165 100

63 52.9 40.0 60.0

182 2.5 2.1 3.1



#58

2,3,4,6-Tetrachlorophenol

Concen: 22.533 ng/ul

RT: 15.528 min Scan# 2066

Delta R.T. -0.004 min

Lab File: BG059113.D

Acq: 20 Sep 2023 17:27

Tgt Ion:232 Resp: 45978

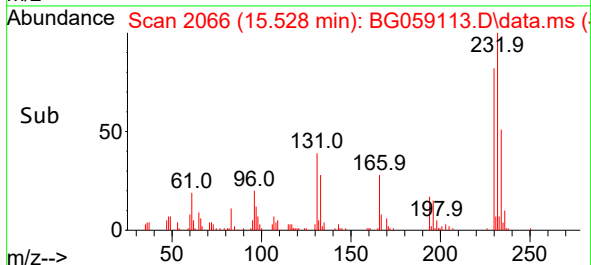
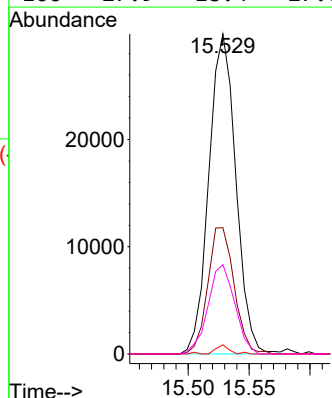
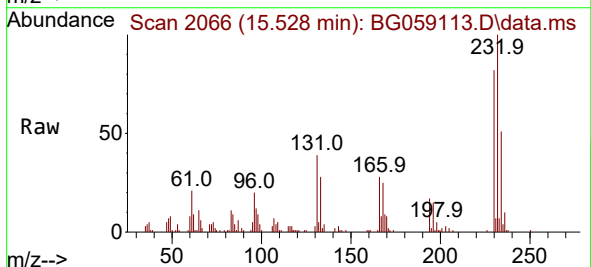
Ion Ratio Lower Upper

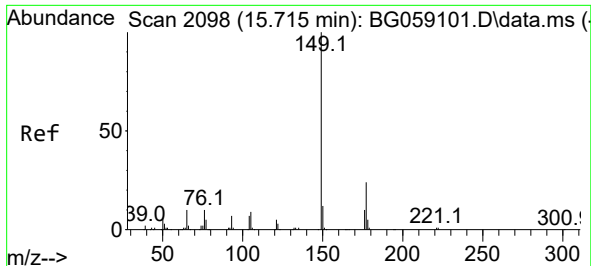
232 100

131 39.5 25.8 38.8#

130 2.8 1.8 2.6#

166 27.9 18.4 27.6#

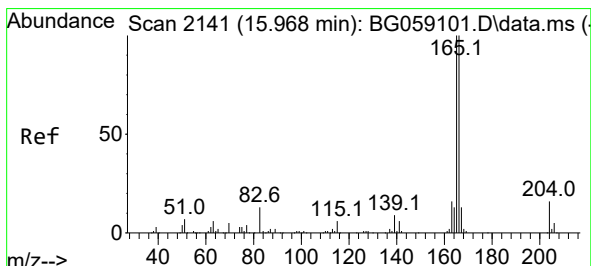
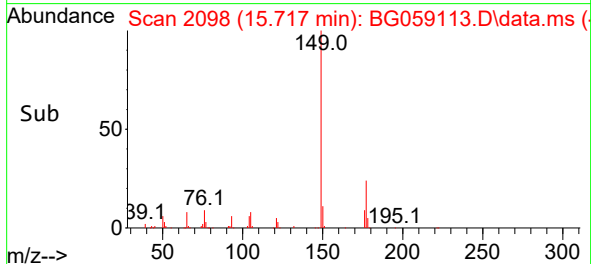
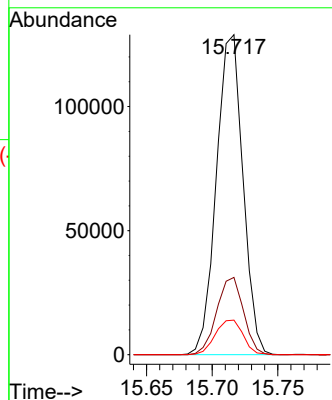
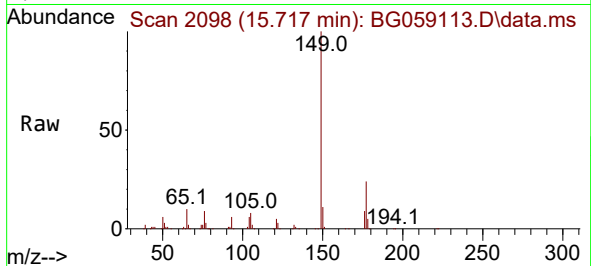




#59
Diethylphthalate
Concen: 22.025 ng/ul
RT: 15.717 min Scan# 2098
Delta R.T. 0.002 min
Lab File: BG059113.D
Acq: 20 Sep 2023 17:27

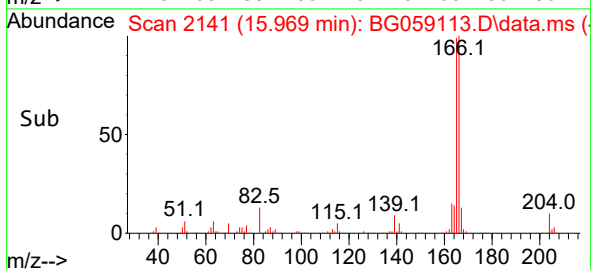
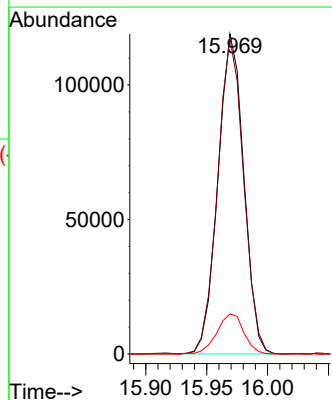
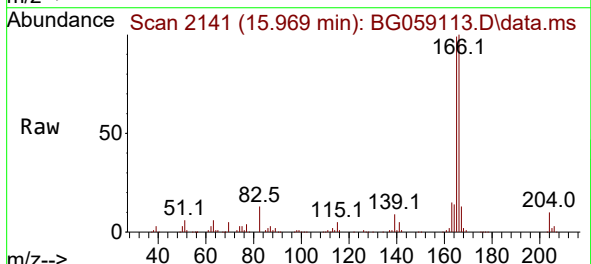
Instrument :
BNA_G
ClientSampleId :
SSTD020564

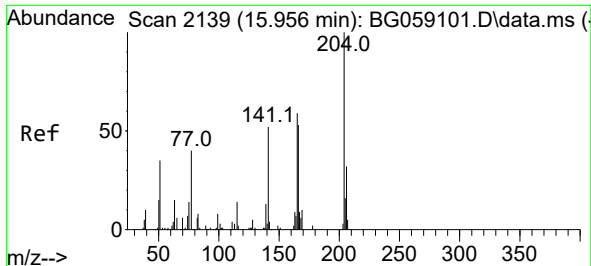
Tgt Ion:149 Resp: 181489
Ion Ratio Lower Upper
149 100
177 24.2 19.4 29.2
150 10.8 9.8 14.8



#61
Fluorene
Concen: 21.403 ng/ul
RT: 15.969 min Scan# 2141
Delta R.T. -0.004 min
Lab File: BG059113.D
Acq: 20 Sep 2023 17:27

Tgt Ion:166 Resp: 175033
Ion Ratio Lower Upper
166 100
165 98.7 81.6 122.4
167 12.5 12.1 18.1

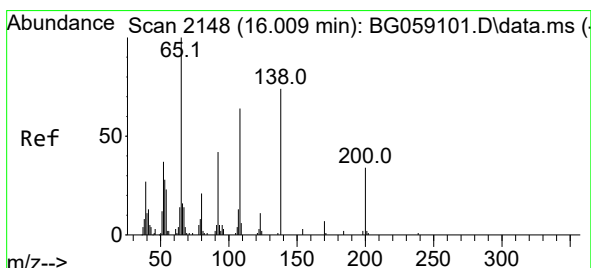
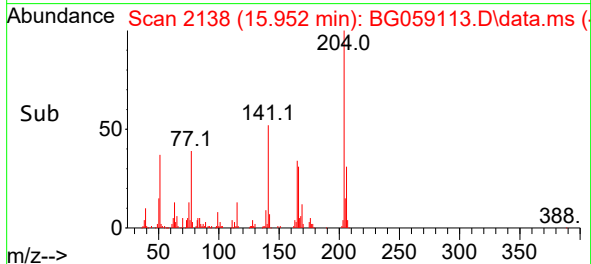
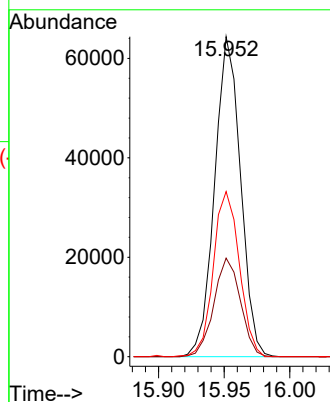
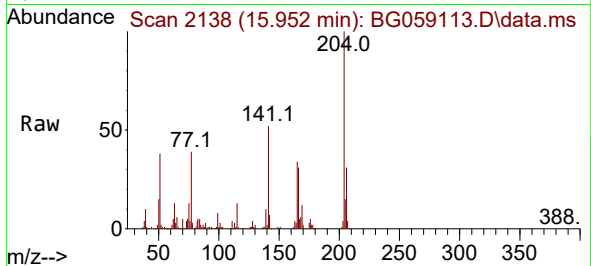




#62
4-Chlorophenyl-phenylether
Concen: 21.727 ng/ul
RT: 15.952 min Scan# 2139
Delta R.T. -0.004 min
Lab File: BG059113.D
Acq: 20 Sep 2023 17:27

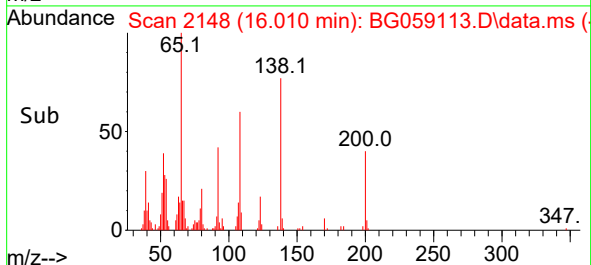
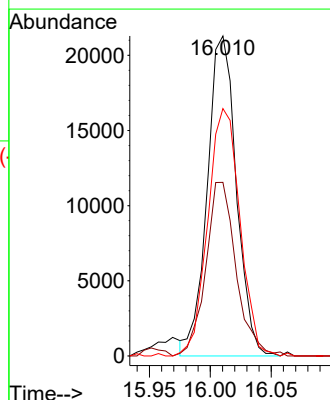
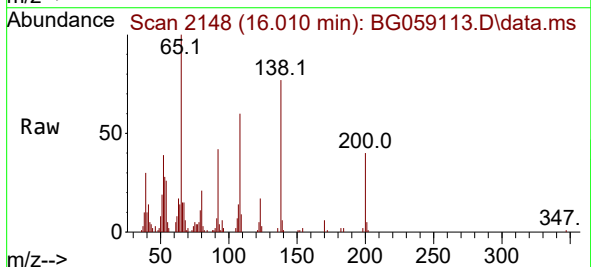
Instrument :
BNA_G
ClientSampleId :
SSTD020564

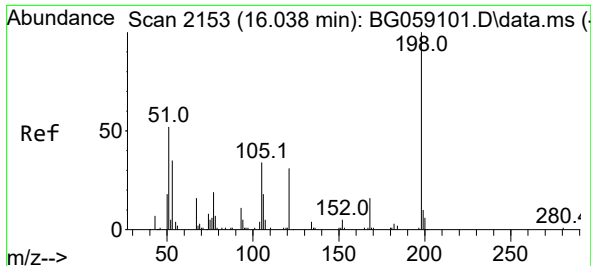
Tgt Ion:204 Resp: 88187
Ion Ratio Lower Upper
204 100
206 30.8 28.2 42.2
141 51.6 43.4 65.0



#63
4-Nitroaniline
Concen: 22.344 ng/ul
RT: 16.010 min Scan# 2148
Delta R.T. 0.002 min
Lab File: BG059113.D
Acq: 20 Sep 2023 17:27

Tgt Ion:138 Resp: 35315
Ion Ratio Lower Upper
138 100
92 54.3 39.0 58.6
108 77.3 53.5 80.3

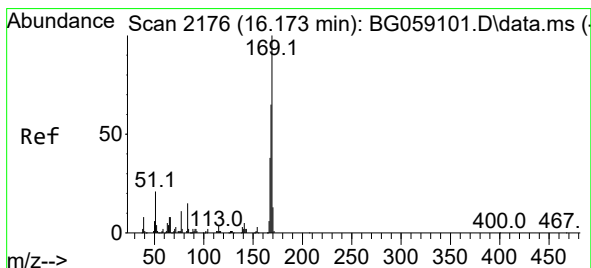
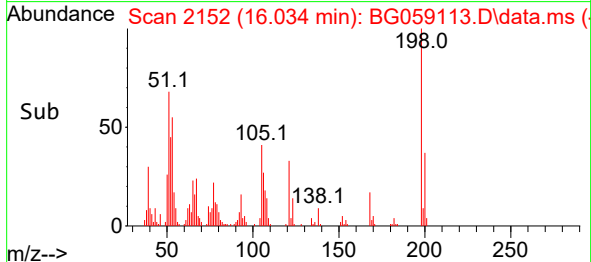
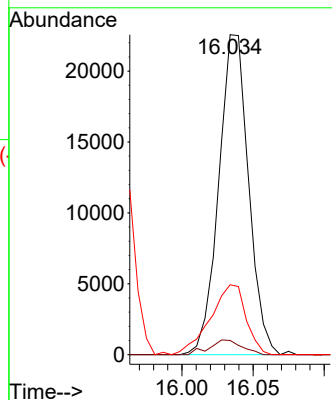
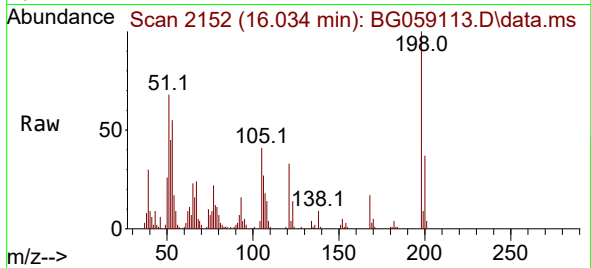




#66
 4,6-Dinitro-2-methylphenol
 Concen: 21.896 ng/ul
 RT: 16.034 min Scan# 2152
 Delta R.T. -0.004 min
 Lab File: BG059113.D
 Acq: 20 Sep 2023 17:27

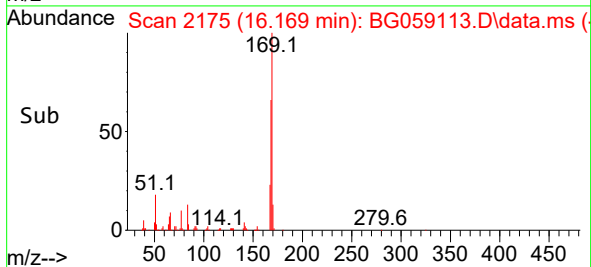
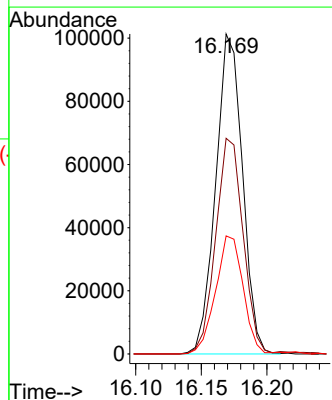
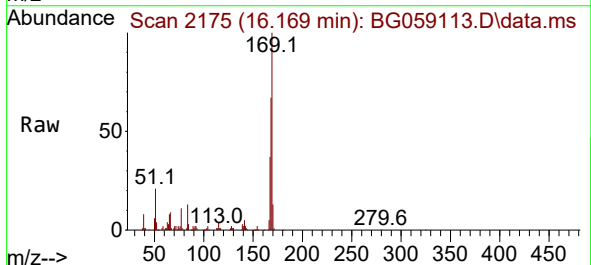
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020564

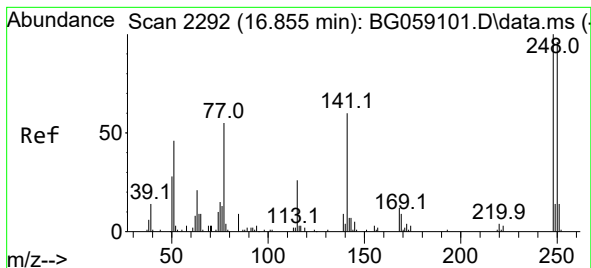
Tgt Ion:198 Resp: 32940
 Ion Ratio Lower Upper
 198 100
 182 4.5 3.5 5.3
 77 21.8 17.3 25.9



#67
 N-Nitrosodiphenylamine
 Concen: 21.972 ng/ul
 RT: 16.169 min Scan# 2175
 Delta R.T. -0.004 min
 Lab File: BG059113.D
 Acq: 20 Sep 2023 17:27

Tgt Ion:169 Resp: 143616
 Ion Ratio Lower Upper
 169 100
 168 67.4 52.1 78.1
 167 36.9 30.5 45.7

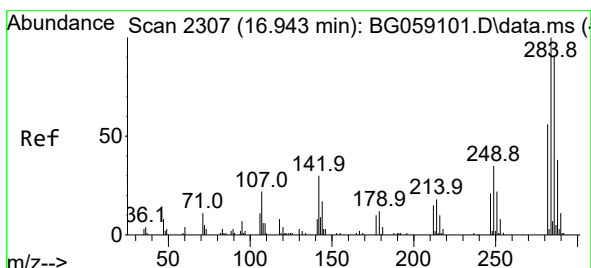
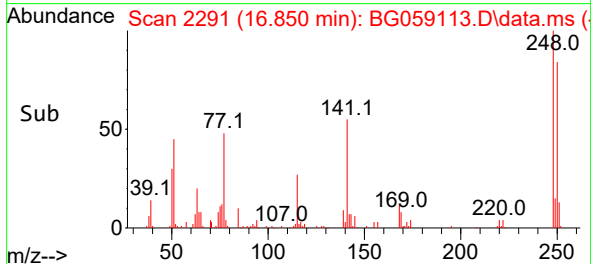
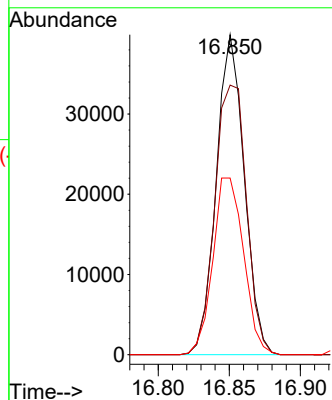
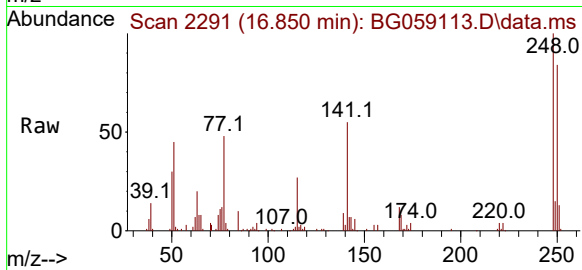




#68
4-Bromophenyl-phenylether
Concen: 22.903 ng/ul
RT: 16.850 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG059113.D
Acq: 20 Sep 2023 17:27

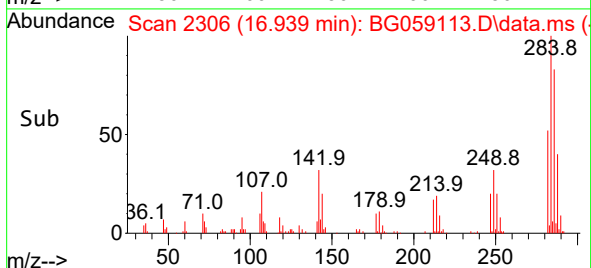
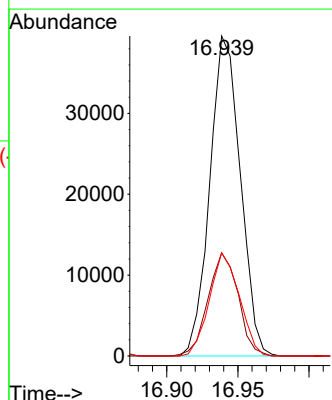
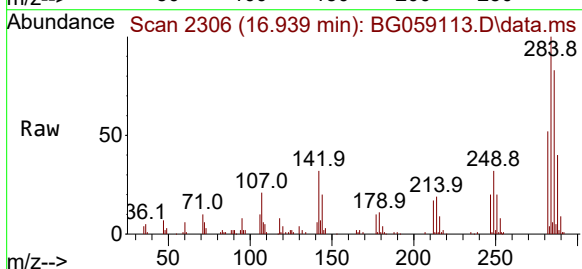
Instrument :
BNA_G
ClientSampleId :
SSTD020564

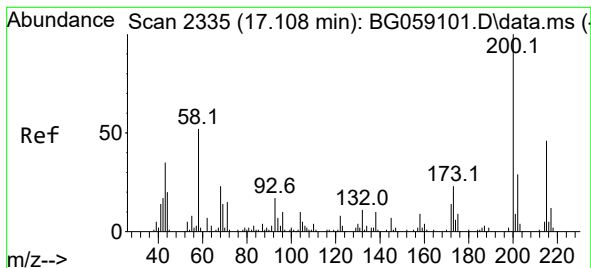
Tgt Ion:248 Resp: 54706
Ion Ratio Lower Upper
248 100
250 84.3 81.8 122.8
141 55.2 50.0 75.0



#69
Hexachlorobenzene
Concen: 21.588 ng/ul
RT: 16.939 min Scan# 2306
Delta R.T. -0.004 min
Lab File: BG059113.D
Acq: 20 Sep 2023 17:27

Tgt Ion:284 Resp: 59063
Ion Ratio Lower Upper
284 100
142 32.2 23.2 34.8
249 32.2 27.8 41.8





#70

Atrazine

Concen: 22.595 ng/ul

RT: 17.103 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG059113.D

Acq: 20 Sep 2023 17:27

Instrument :

BNA_G

ClientSampleId :

SSTD020564

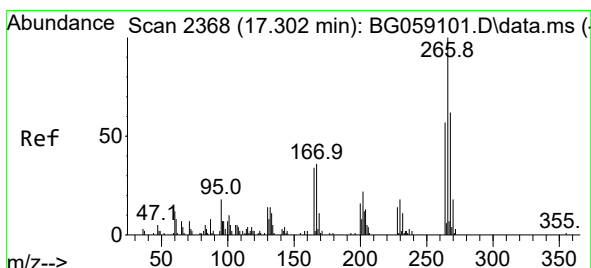
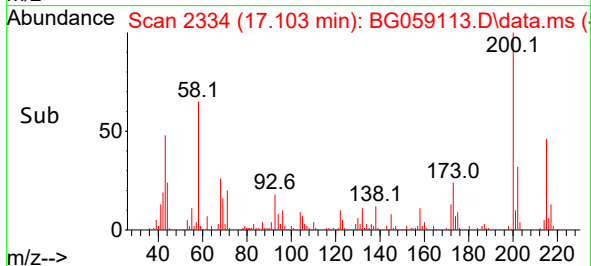
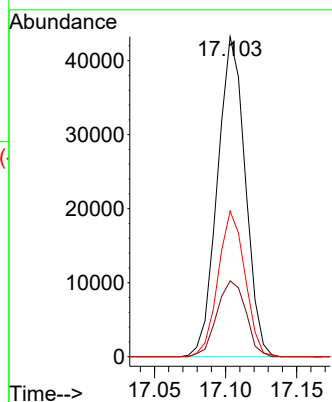
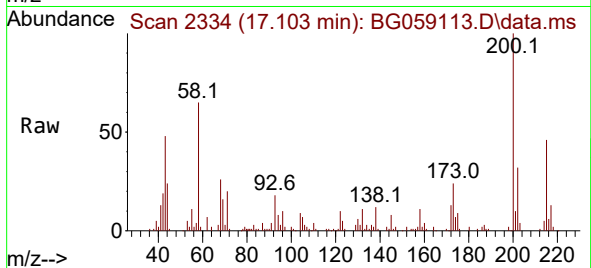
Tgt Ion:200 Resp: 58764

Ion Ratio Lower Upper

200 100

173 23.7 19.4 29.0

215 45.5 38.5 57.7



#71

Pentachlorophenol

Concen: 22.733 ng/ul

RT: 17.297 min Scan# 2367

Delta R.T. 0.002 min

Lab File: BG059113.D

Acq: 20 Sep 2023 17:27

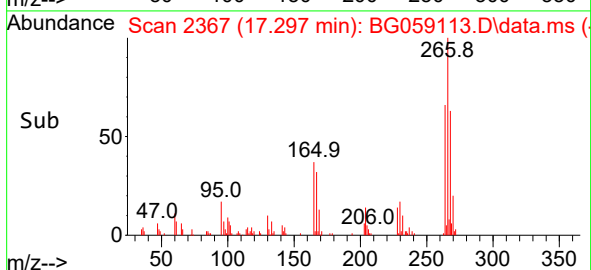
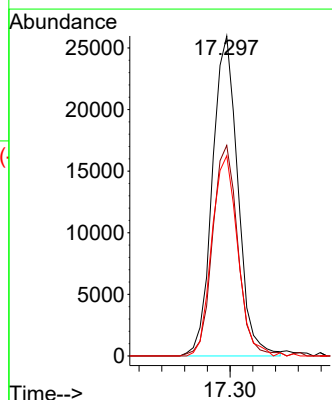
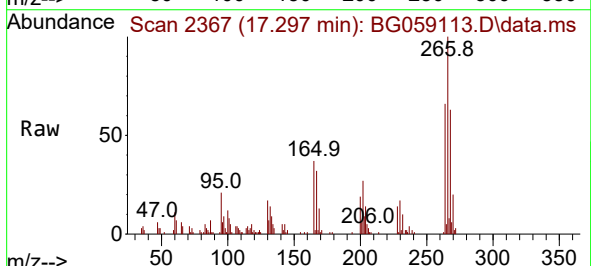
Tgt Ion:266 Resp: 40399

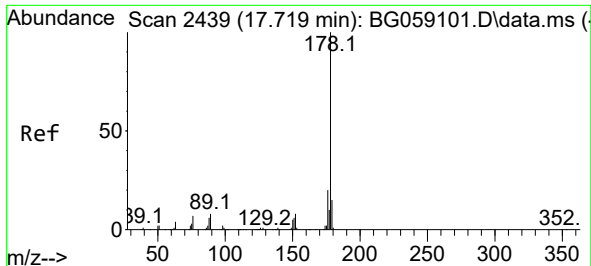
Ion Ratio Lower Upper

266 100

264 65.8 50.6 76.0

268 68.3 56.4 84.6

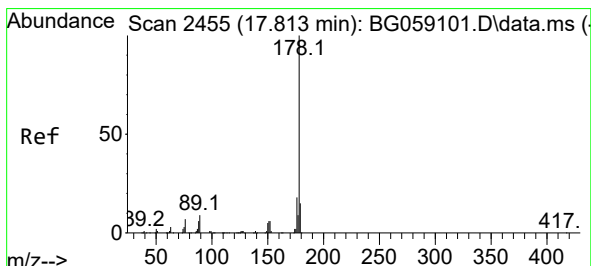
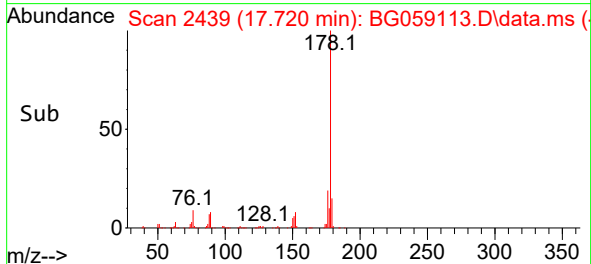
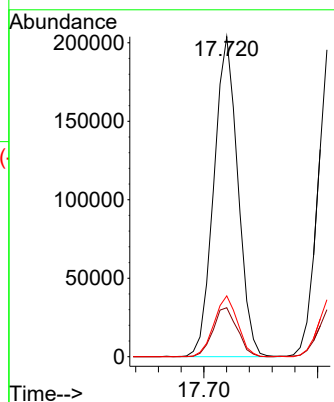
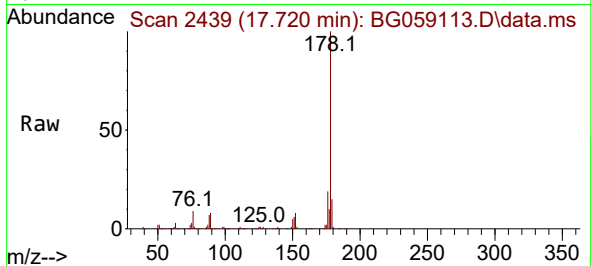




#72
Phenanthrene
Concen: 21.726 ng/ul
RT: 17.720 min Scan# 2439
Delta R.T. 0.002 min
Lab File: BG059113.D
Acq: 20 Sep 2023 17:27

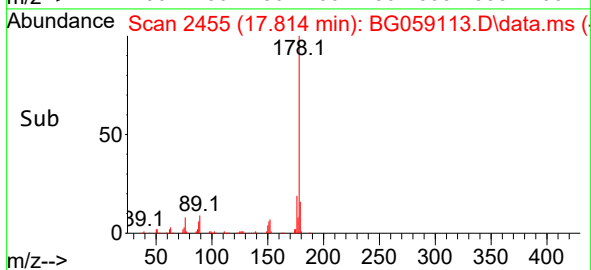
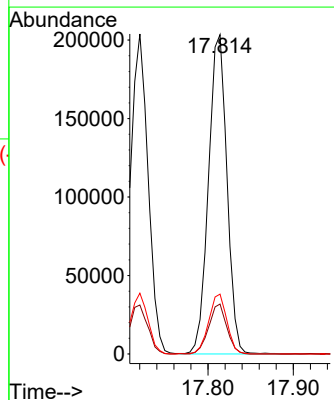
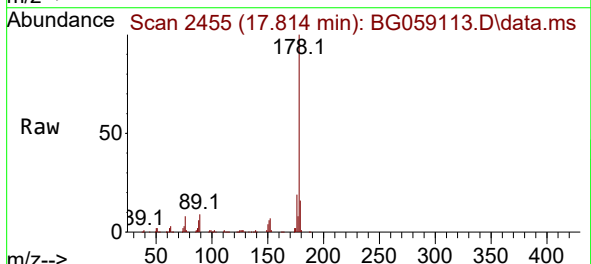
Instrument :
BNA_G
ClientSampleId :
SSTD020564

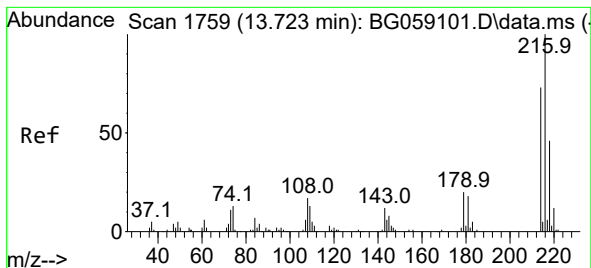
Tgt Ion:178 Resp: 298480
Ion Ratio Lower Upper
178 100
179 15.3 11.8 17.8
176 19.0 14.6 21.8



#74
Anthracene
Concen: 21.835 ng/ul
RT: 17.814 min Scan# 2455
Delta R.T. 0.002 min
Lab File: BG059113.D
Acq: 20 Sep 2023 17:27

Tgt Ion:178 Resp: 306511
Ion Ratio Lower Upper
178 100
179 15.6 12.4 18.6
176 18.7 14.8 22.2

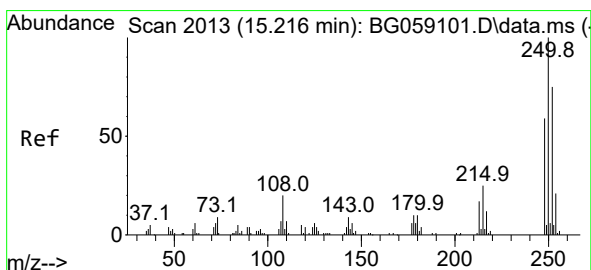
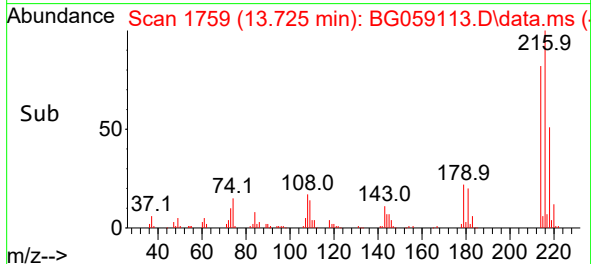
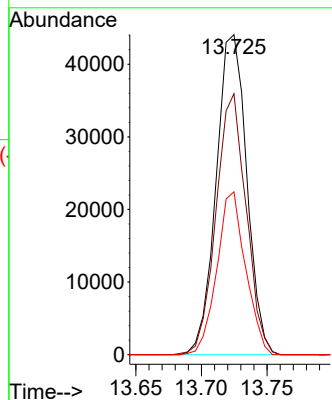
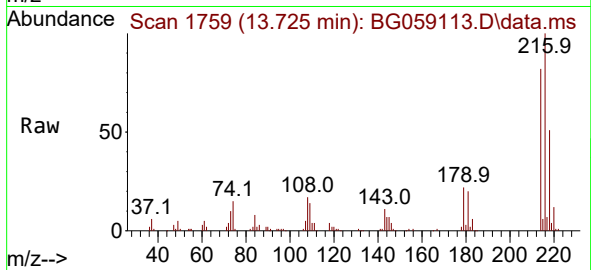




#75
1,2,3,4-Tetrachlorobenzene
Concen: 21.836 ng/uL
RT: 13.725 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG059113.D
Acq: 20 Sep 2023 17:27

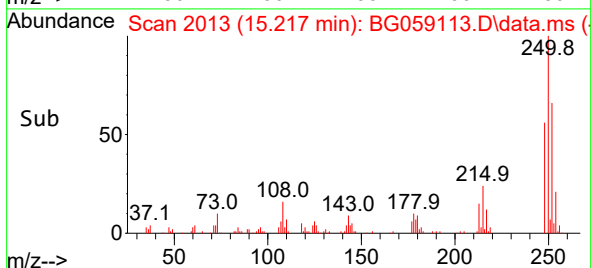
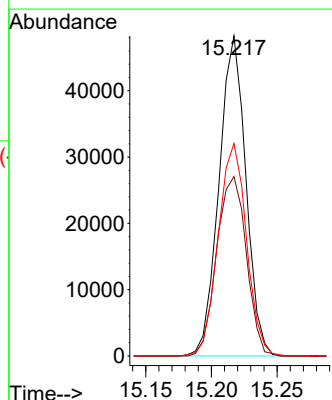
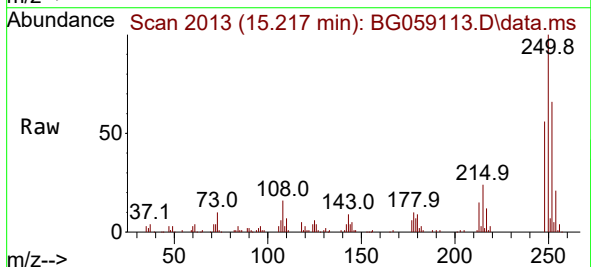
Instrument :
BNA_G
ClientSampleId :
SSTD020564

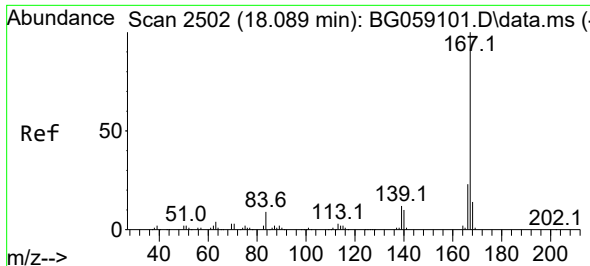
Tgt Ion:216 Resp: 71470
Ion Ratio Lower Upper
216 100
214 81.6 69.9 104.9
218 50.9 39.4 59.0



#76
Pentachlorobenzene
Concen: 22.673 ng/uL
RT: 15.217 min Scan# 2013
Delta R.T. 0.002 min
Lab File: BG059113.D
Acq: 20 Sep 2023 17:27

Tgt Ion:250 Resp: 68641
Ion Ratio Lower Upper
250 100
248 56.1 52.5 78.7
252 66.4 59.4 89.2

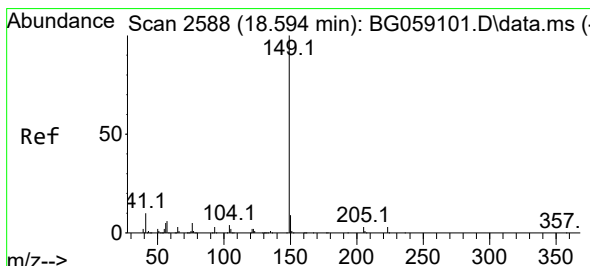
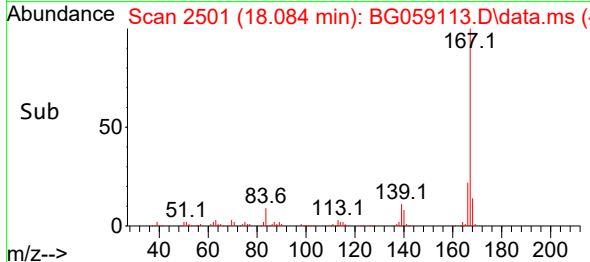
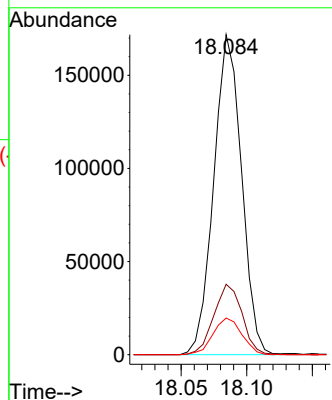
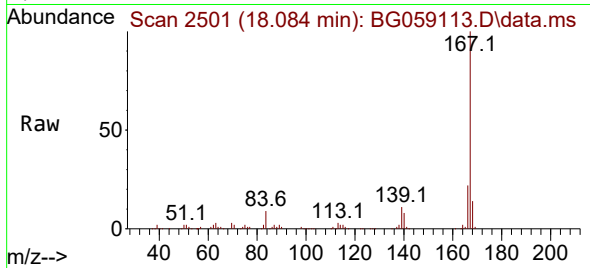




#77
 Carbazole
 Concen: 21.671 ng/ul
 RT: 18.084 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG059113.D
 Acq: 20 Sep 2023 17:27

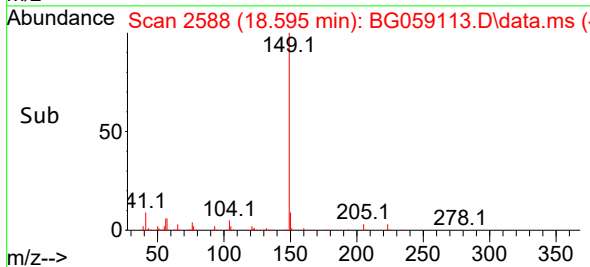
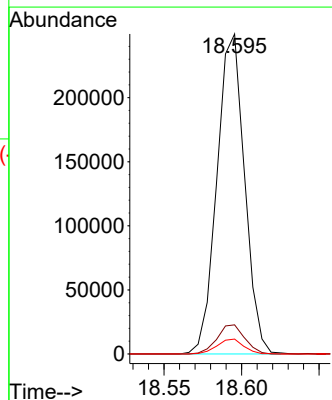
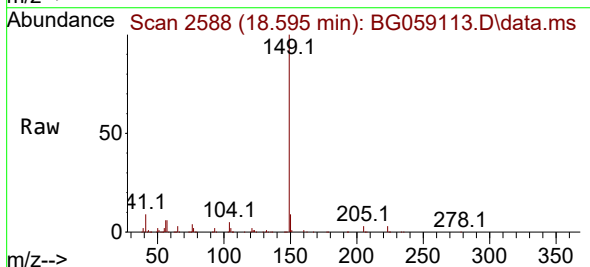
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020564

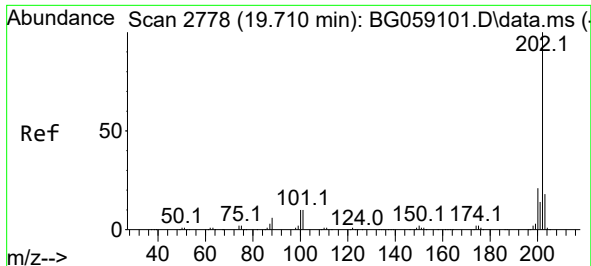
Tgt Ion:167 Resp: 252925
 Ion Ratio Lower Upper
 167 100
 166 22.0 16.7 25.1
 139 11.4 9.4 14.0



#78
 Di-n-butylphthalate
 Concen: 21.559 ng/ul
 RT: 18.595 min Scan# 2588
 Delta R.T. 0.002 min
 Lab File: BG059113.D
 Acq: 20 Sep 2023 17:27

Tgt Ion:149 Resp: 309971
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 4.7 3.5 5.3

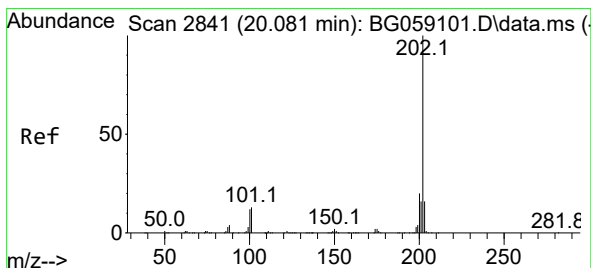
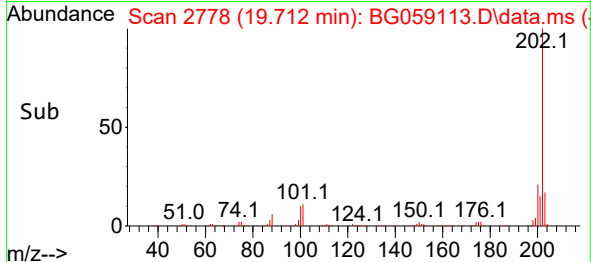
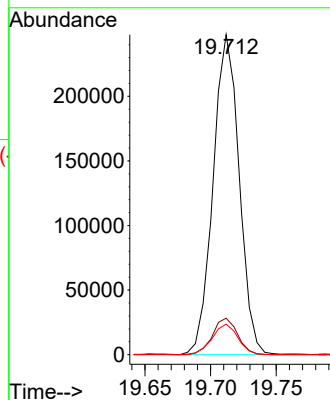
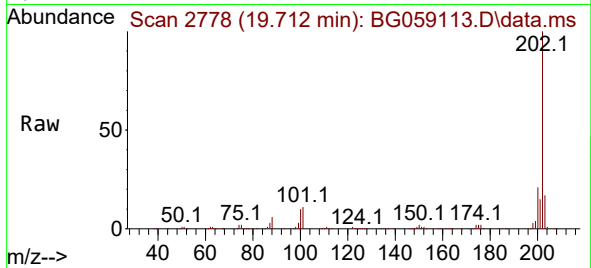




#80
Fluoranthene
Concen: 22.390 ng/ul
RT: 19.712 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG059113.D
Acq: 20 Sep 2023 17:27

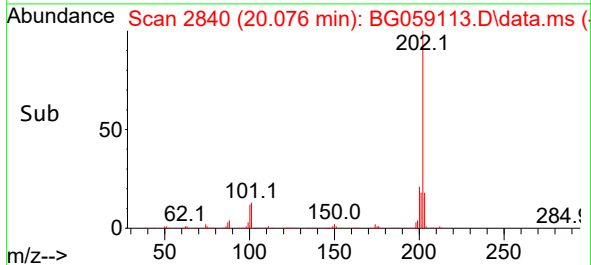
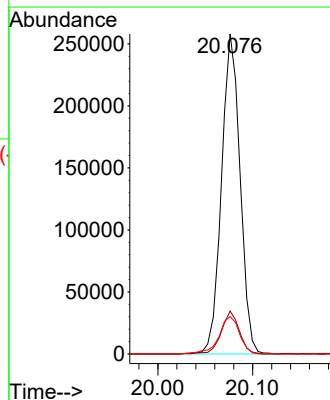
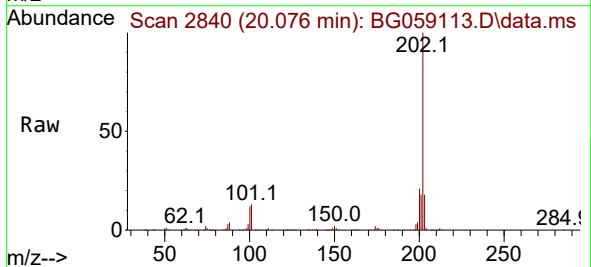
Instrument :
BNA_G
ClientSampleId :
SSTD020564

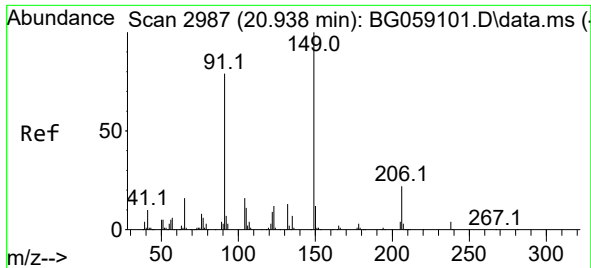
Tgt Ion:202 Resp: 342102
Ion Ratio Lower Upper
202 100
101 11.4 9.2 13.8
100 9.5 7.7 11.5



#82
Pyrene
Concen: 22.051 ng/ul
RT: 20.076 min Scan# 2840
Delta R.T. 0.002 min
Lab File: BG059113.D
Acq: 20 Sep 2023 17:27

Tgt Ion:202 Resp: 351444
Ion Ratio Lower Upper
202 100
101 13.4 11.0 16.4
100 11.7 10.1 15.1

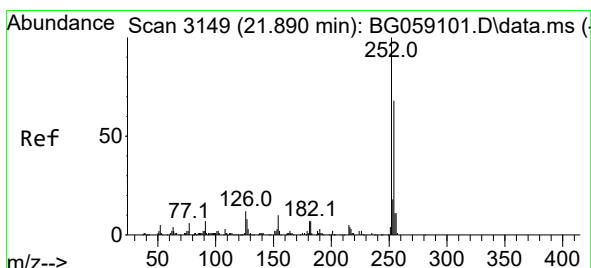
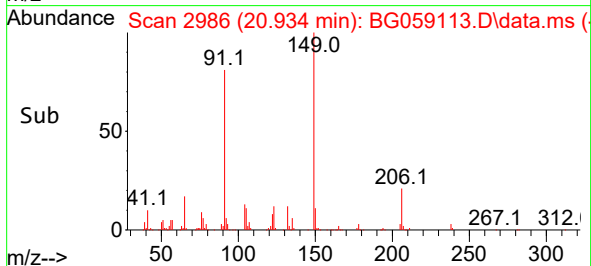
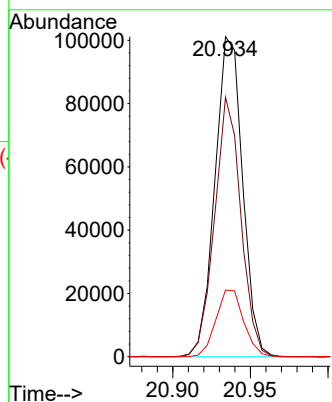
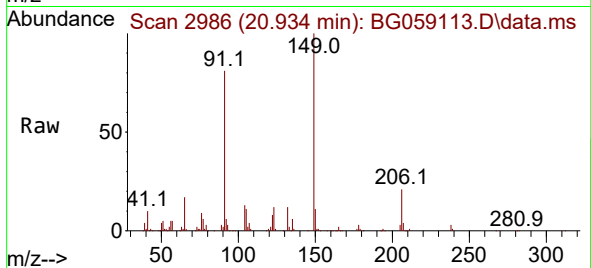




#83
Butylbenzylphthalate
Concen: 21.815 ng/ul
RT: 20.934 min Scan# 2986
Delta R.T. -0.004 min
Lab File: BG059113.D
Acq: 20 Sep 2023 17:27

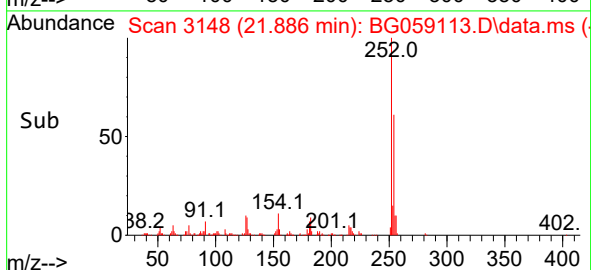
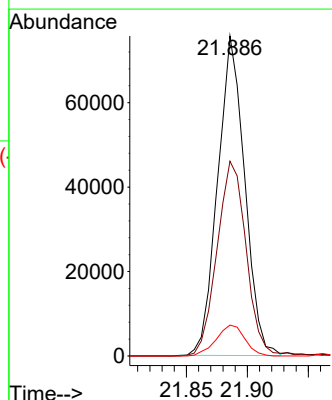
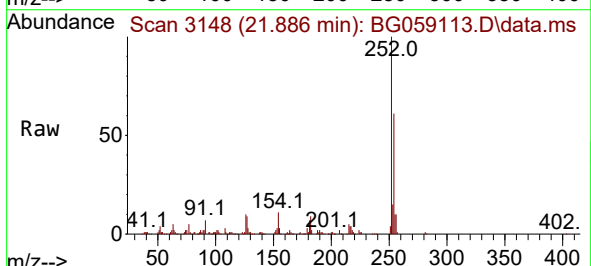
Instrument :
BNA_G
ClientSampleId :
SSTD020564

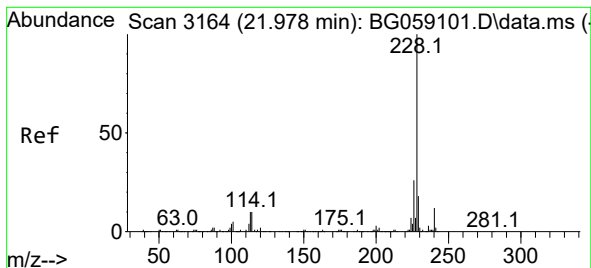
Tgt Ion:	149	Resp:	125591
Ion Ratio	Lower	Upper	
149	100		
91	81.1	61.2	91.8
206	20.8	15.8	23.6



#84
3,3'-Dichlorobenzidine
Concen: 22.995 ng/ul
RT: 21.886 min Scan# 3148
Delta R.T. 0.002 min
Lab File: BG059113.D
Acq: 20 Sep 2023 17:27

Tgt Ion:	252	Resp:	116570
Ion Ratio	Lower	Upper	
252	100		
254	60.9	52.4	78.6
126	9.6	8.2	12.2





#85

Benzo(a)anthracene

Concen: 21.771 ng/ul

RT: 21.974 min Scan# 3163

Delta R.T. 0.002 min

Lab File: BG059113.D

Acq: 20 Sep 2023 17:27

Instrument :

BNA_G

ClientSampleId :

SSTD020564

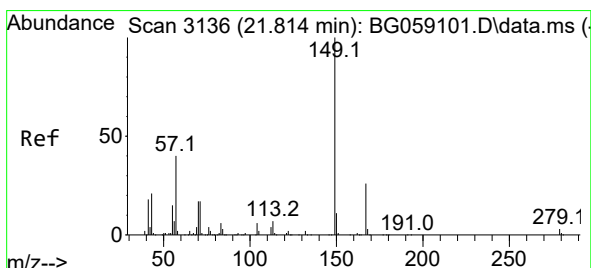
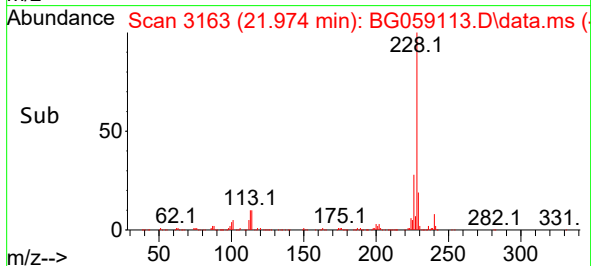
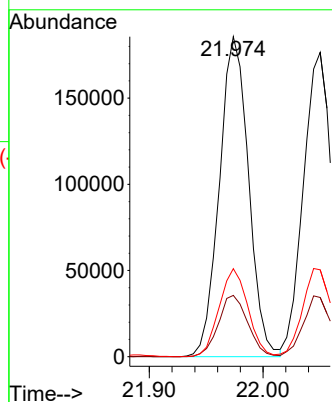
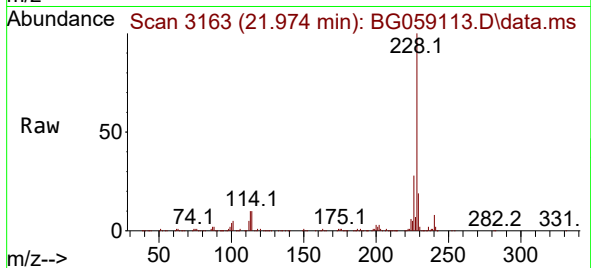
Tgt Ion:228 Resp: 331582

Ion Ratio Lower Upper

228 100

229 19.1 16.1 24.1

226 27.5 20.6 30.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 21.367 ng/ul

RT: 21.809 min Scan# 3135

Delta R.T. -0.004 min

Lab File: BG059113.D

Acq: 20 Sep 2023 17:27

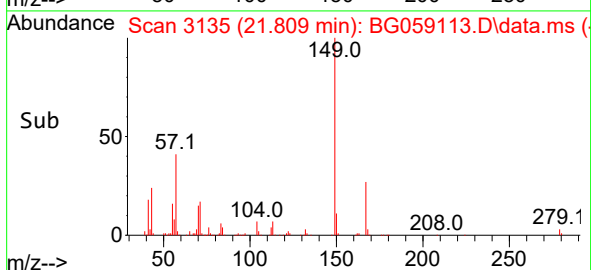
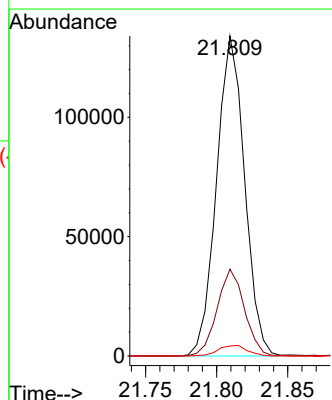
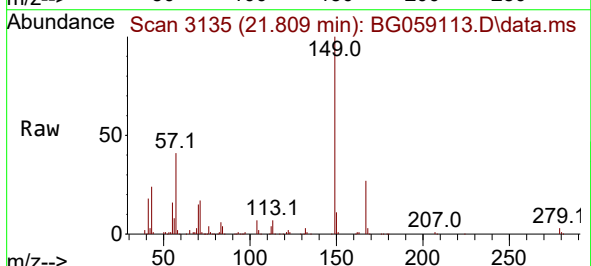
Tgt Ion:149 Resp: 184045

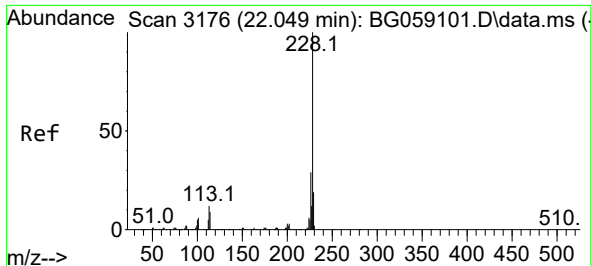
Ion Ratio Lower Upper

149 100

167 27.1 20.2 30.4

279 3.1 3.2 4.8#

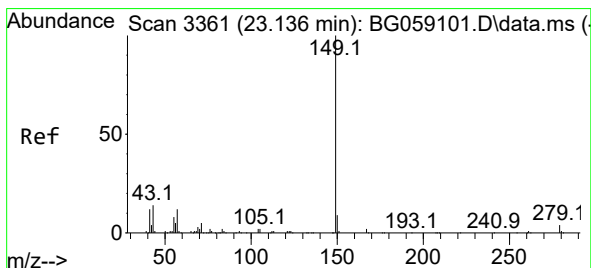
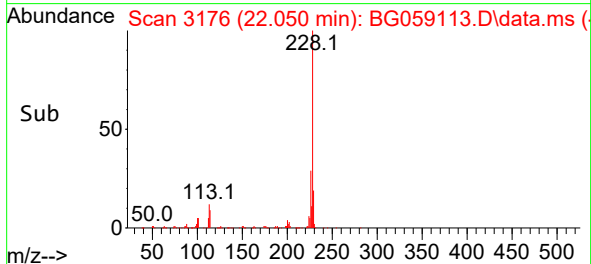
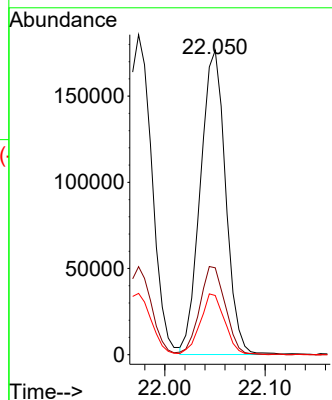
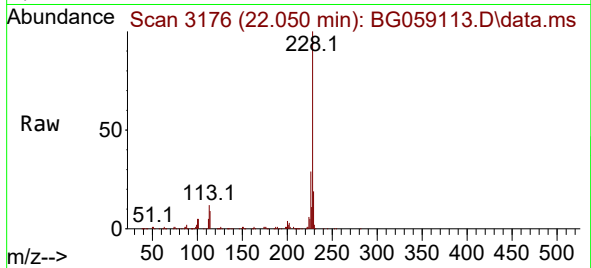




#87
Chrysene
Concen: 21.735 ng/ul
RT: 22.050 min Scan# 3176
Delta R.T. 0.002 min
Lab File: BG059113.D
Acq: 20 Sep 2023 17:27

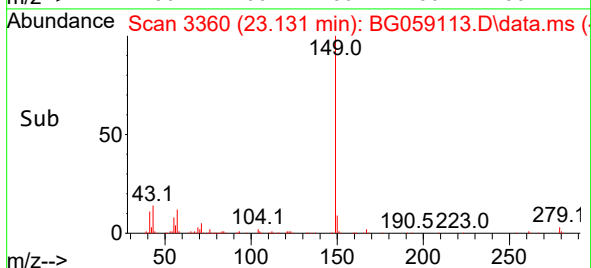
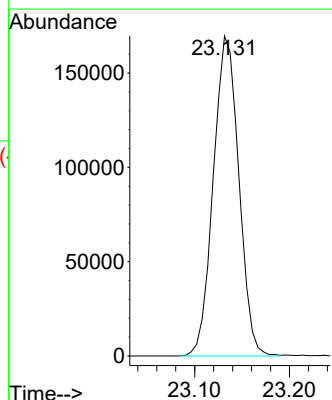
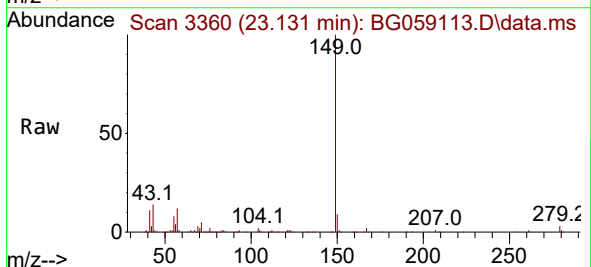
Instrument :
BNA_G
ClientSampleId :
SSTD020564

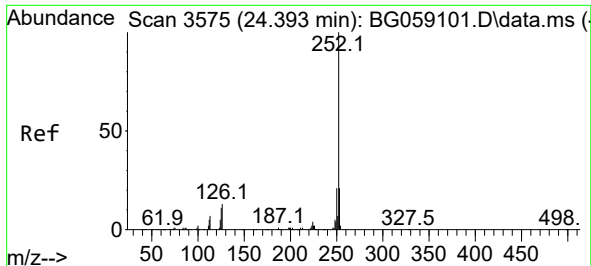
Tgt Ion:228 Resp: 308720
Ion Ratio Lower Upper
228 100
226 28.6 23.3 34.9
229 19.5 15.6 23.4



#89
Di-n-octyl phthalate
Concen: 20.773 ng/ul
RT: 23.131 min Scan# 3360
Delta R.T. -0.004 min
Lab File: BG059113.D
Acq: 20 Sep 2023 17:27

Tgt Ion:149 Resp: 317001

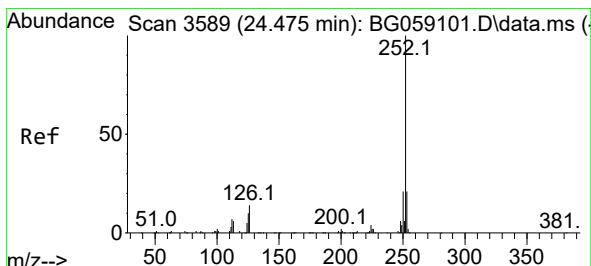
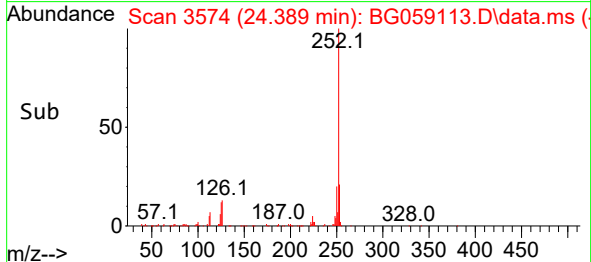
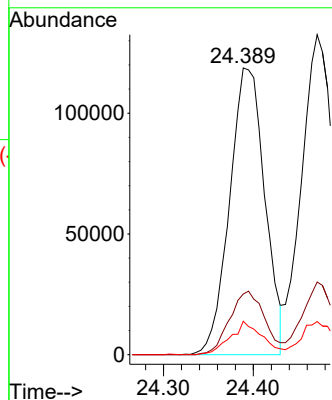
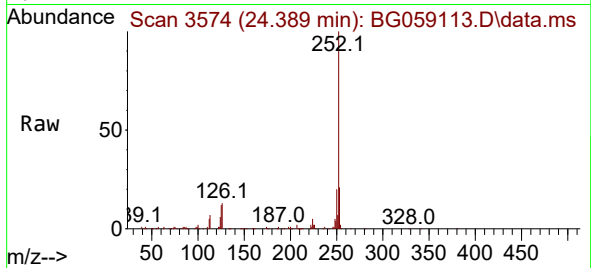




#90
Benzo(b)fluoranthene
Concen: 21.249 ng/ul
RT: 24.389 min Scan# 3574
Delta R.T. -0.004 min
Lab File: BG059113.D
Acq: 20 Sep 2023 17:27

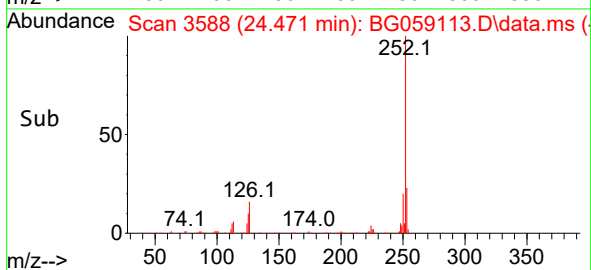
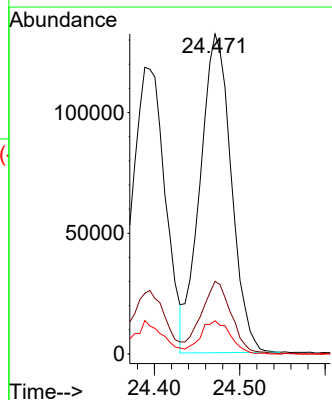
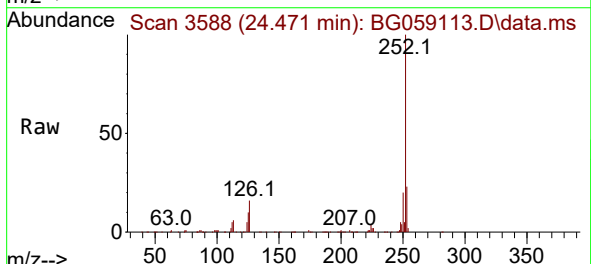
Instrument :
BNA_G
ClientSampleId :
SSTD020564

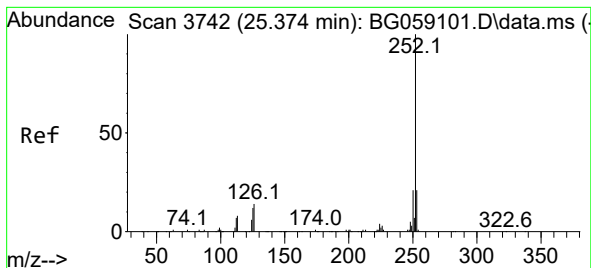
Tgt Ion:252 Resp: 323189
Ion Ratio Lower Upper
252 100
253 21.1 17.1 25.7
125 11.6 8.6 13.0



#91
Benzo(k)fluoranthene
Concen: 21.244 ng/ul
RT: 24.471 min Scan# 3588
Delta R.T. -0.004 min
Lab File: BG059113.D
Acq: 20 Sep 2023 17:27

Tgt Ion:252 Resp: 335003
Ion Ratio Lower Upper
252 100
253 22.7 16.5 24.7
125 10.4 7.9 11.9





#93

Benzo(a)pyrene

Concen: 21.454 ng/ul

RT: 25.376 min Scan# 31

Delta R.T. 0.002 min

Lab File: BG059113.D

Acq: 20 Sep 2023 17:27

Instrument :

BNA_G

ClientSampleId :

SSTD020564

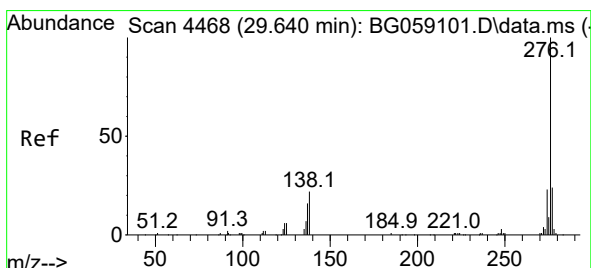
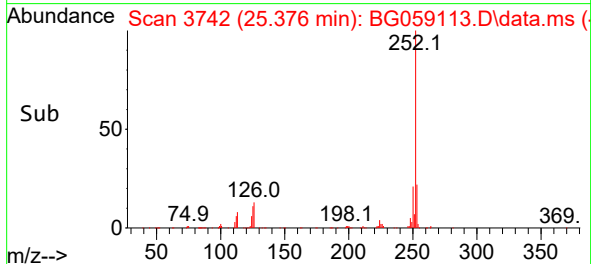
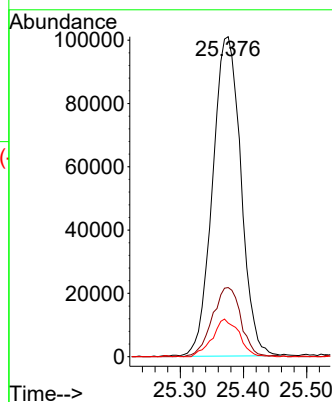
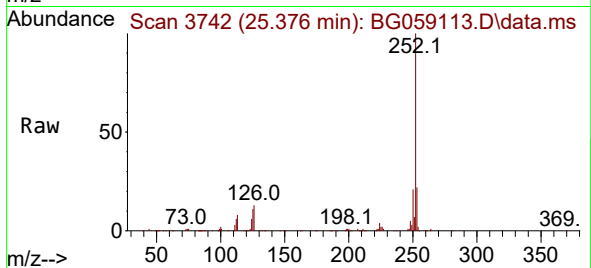
Tgt Ion:252 Resp: 313605

Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

125 10.5 8.3 12.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 21.026 ng/ul

RT: 29.647 min Scan# 4469

Delta R.T. 0.008 min

Lab File: BG059113.D

Acq: 20 Sep 2023 17:27

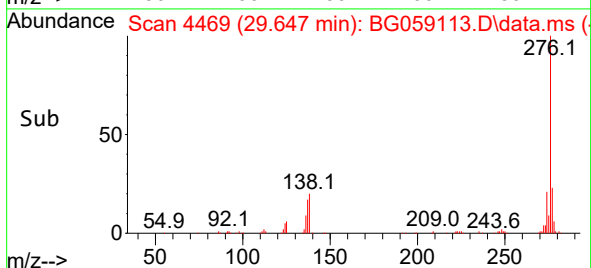
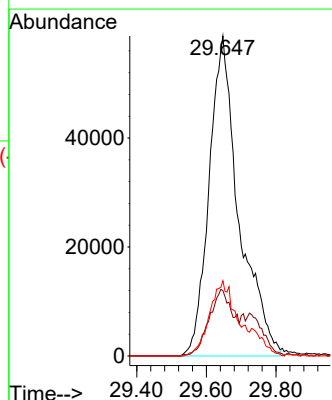
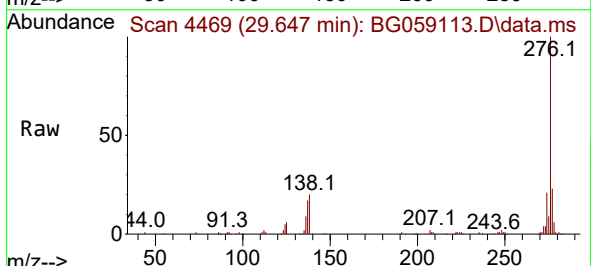
Tgt Ion:276 Resp: 349544

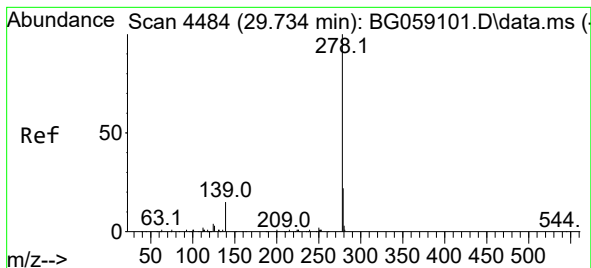
Ion Ratio Lower Upper

276 100

138 20.4 17.1 25.7

277 23.5 20.4 30.6





#95

Dibenzo(a,h)anthracene

Concen: 20.851 ng/ul

RT: 29.730 min Scan# 4484

Delta R.T. -0.004 min

Lab File: BG059113.D

Acq: 20 Sep 2023 17:27

Instrument :

BNA_G

ClientSampleId :

SSTD020564

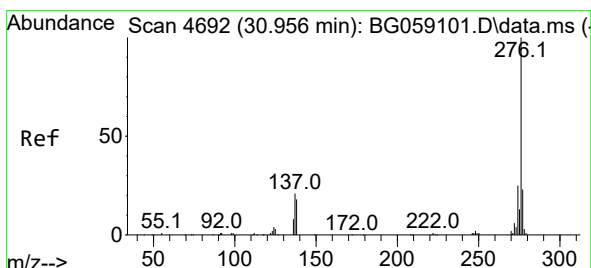
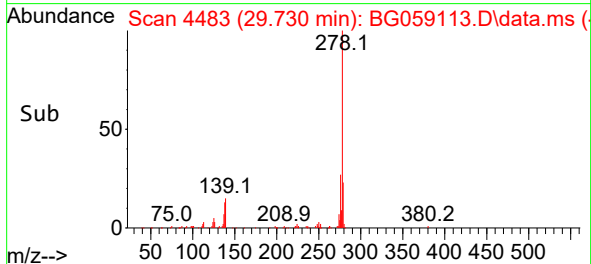
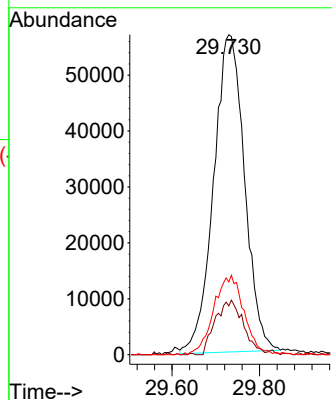
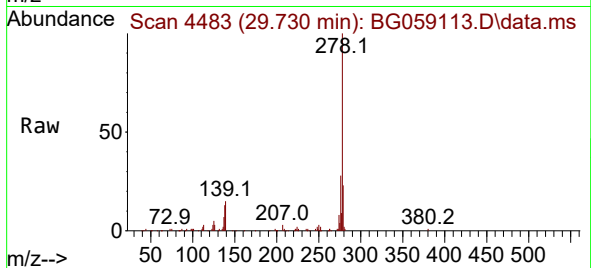
Tgt Ion:278 Resp: 278559

Ion Ratio Lower Upper

278 100

139 15.2 13.8 20.6

279 22.8 19.0 28.4



#96

Benzo(g,h,i)perylene

Concen: 21.054 ng/ul

RT: 30.952 min Scan# 4691

Delta R.T. -0.010 min

Lab File: BG059113.D

Acq: 20 Sep 2023 17:27

Tgt Ion:276 Resp: 281946

Ion Ratio Lower Upper

276 100

138 22.2 16.9 25.3

277 23.3 19.3 28.9

