

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
 Data File : BG059194.D
 Acq On : 26 Sep 2023 12:16
 Operator : MA/JU
 Sample : 04450-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BBK98

Quant Time: Sep 26 22:33:18 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)

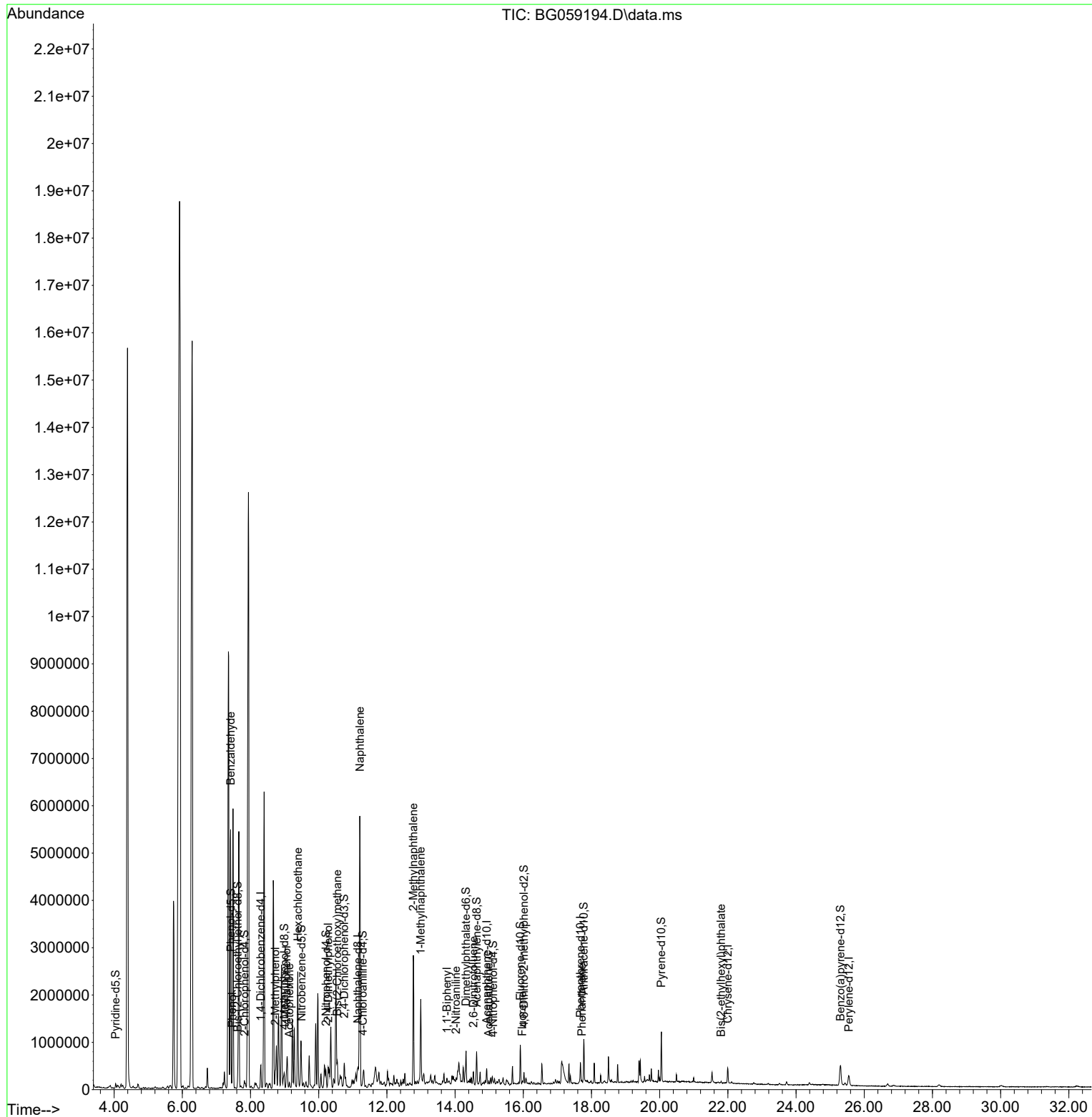
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.300	152	35940	20.000	ng/ul	# 0.00
20) Naphthalene-d8	11.149	136	175992	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.927	164	117666	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.677	188	260536	20.000	ng/ul	0.00
79) Chrysene-d12	21.995	240	204334	20.000	ng/ul	-0.01
88) Perylene-d12	25.550	264	246389	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.793	96	37	0.040	ng/uL	0.17
4) Pyridine-d5	4.046	84	47091	17.482	ng/ul	-0.01
7) Phenol-d5	7.430	99	31989	9.052	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.624	67	86635	39.948	ng/ul	0.00
11) 2-Chlorophenol-d4	7.824	132	78726	30.188	ng/ul	0.00
15) 4-Methylphenol-d8	8.993	113	55963	19.884	ng/ul	0.00
21) Nitrobenzene-d5	9.498	128	71295	52.498	ng/ul	0.00
24) 2-Nitrophenol-d4	10.215	143	58756	42.829	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.750	165	102276	39.269	ng/ul	0.00
31) 4-Chloroaniline-d4	11.290	131	42819	10.533	ng/ul	0.00
46) Dimethylphthalate-d6	14.322	166	389698	43.063	ng/ul	0.00
49) Acenaphthylene-d8	14.633	160	455913	41.376	ng/ul	0.00
54) 4-Nitrophenol-d4	15.121	143	7061	4.277	ng/ul	0.00
60) Fluorene-d10	15.914	176	351142	42.391	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.020	200	56591	38.206	ng/ul	-0.01
73) Anthracene-d10	17.777	188	518611	43.748	ng/ul	0.00
81) Pyrene-d10	20.051	212	596468	49.942	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.303	264	513112	42.649	ng/ul	-0.01
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.418	77	389499	212.560	ng/ul#	1
8) Phenol	7.459	94	36486	10.045	ng/ul#	74
13) 2-Methylphenol	8.729	108	121380	45.028	ng/ul	88
16) Acetophenone	9.140	105	53687	12.390	ng/ul	89
18) 4-Methylphenol	9.058	108	118614	41.060	ng/ul	96
19) Hexachloroethane	9.392	117	241314	230.673	ng/ul#	4
26) 2,4-Dimethylphenol	10.280	107	74245	25.902	ng/ul	85
27) Bis(2-Chloroethoxy)met...	10.544	93	7842	1.911	ng/ul#	77
30) Naphthalene	11.208	128	4963842	527.090	ng/ul#	94
36) 2-Methylnaphthalene	12.777	142	1322722	210.299	ng/ul	98
37) 1-Methylnaphthalene	12.994	142	718794	113.131	ng/ul	98
43) 1,1'-Biphenyl	13.764	154	45788	4.875	ng/ul#	86
45) 2-Nitroaniline	14.028	65	2527	1.112	ng/ul#	23
48) 2,6-Dinitrotoluene	14.539	165	6488	3.799	ng/ul#	66
52) Acenaphthene	14.986	153	10446	1.309	ng/ul#	82
61) Fluorene	15.973	166	23479	2.597	ng/ul#	82
72) Phenanthrene	17.718	178	30801	2.113	ng/ul#	88
86) Bis(2-ethylhexyl)phtha...	21.801	149	14994	1.787	ng/ul#	98

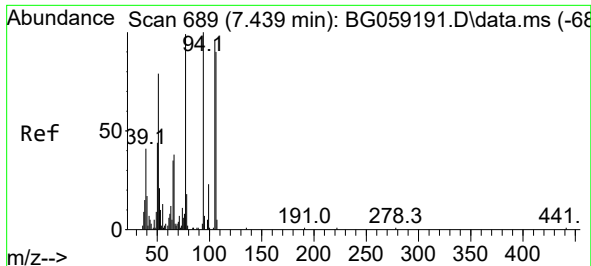
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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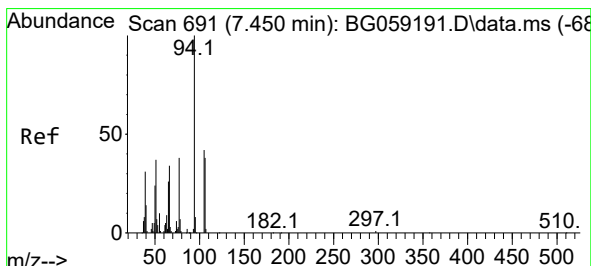
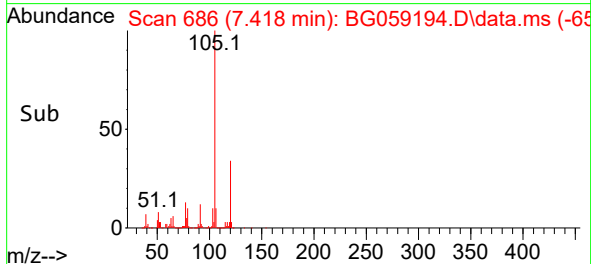
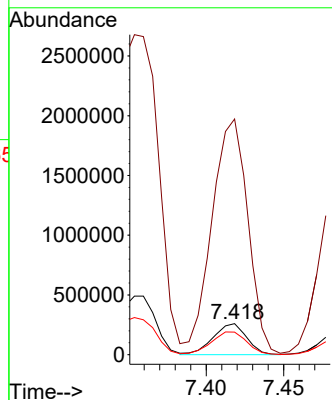
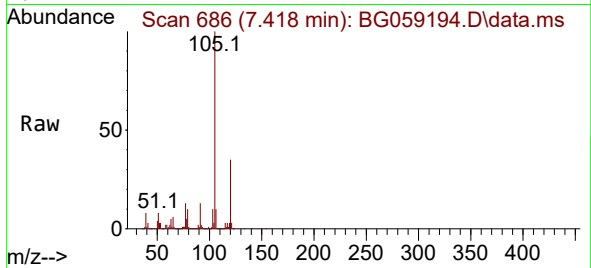




#6
Benzaldehyde
Concen: 212.560 ng/ul
RT: 7.418 min Scan# 689
Delta R.T. -0.035 min
Lab File: BG059194.D
Acq: 26 Sep 2023 12:16

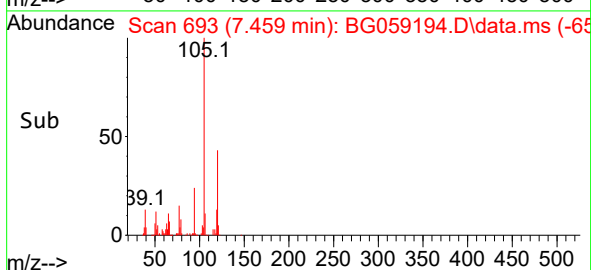
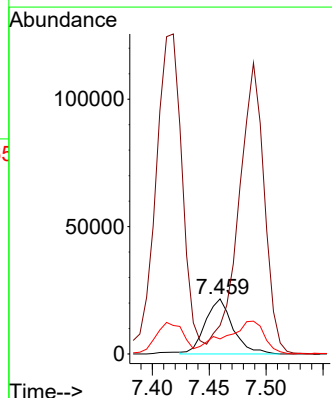
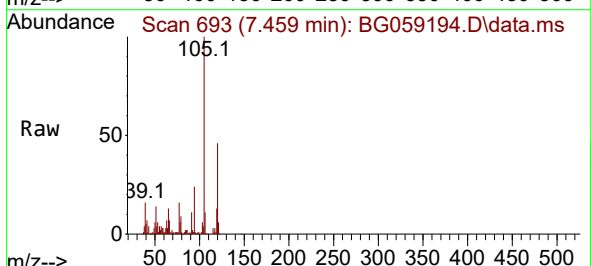
Instrument :
BNA_G
ClientSampleId :
BBK98

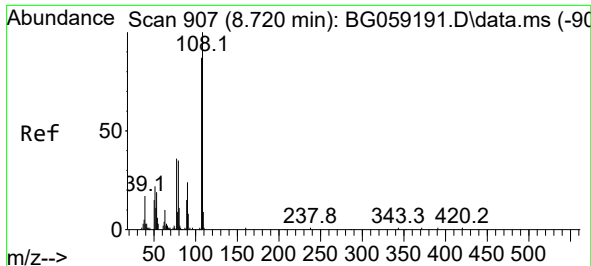
Tgt Ion: 77 Resp: 389499
Ion Ratio Lower Upper
77 100
105 759.6 76.9 115.3#
106 72.9 69.4 104.0



#8
Phenol
Concen: 10.045 ng/ul
RT: 7.459 min Scan# 693
Delta R.T. -0.000 min
Lab File: BG059194.D
Acq: 26 Sep 2023 12:16

Tgt Ion: 94 Resp: 36486
Ion Ratio Lower Upper
94 100
65 51.8 24.4 36.6#
66 27.3 28.4 42.6#





#13

2-Methylphenol

Concen: 45.028 ng/ul

RT: 8.729 min Scan# 907

Delta R.T. -0.000 min

Lab File: BG059194.D

Acq: 26 Sep 2023 12:16

Instrument :

BNA_G

ClientSampleId :

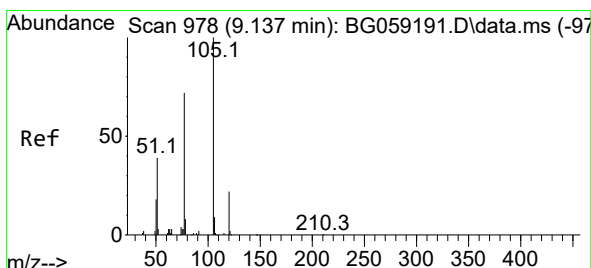
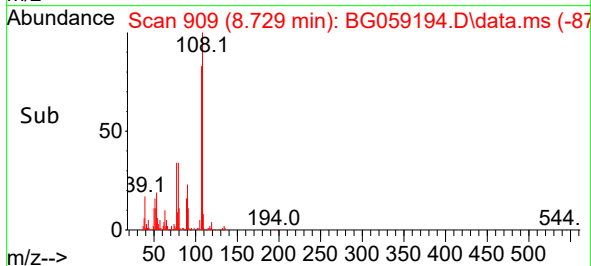
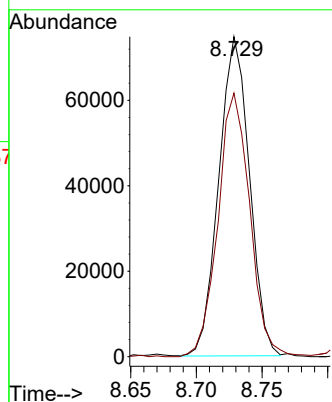
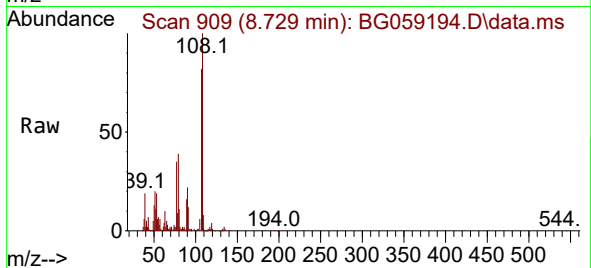
BBK98

Tgt Ion:108 Resp: 121380

Ion Ratio Lower Upper

108 100

107 82.4 75.1 112.7



#16

Acetophenone

Concen: 12.390 ng/ul

RT: 9.140 min Scan# 979

Delta R.T. -0.006 min

Lab File: BG059194.D

Acq: 26 Sep 2023 12:16

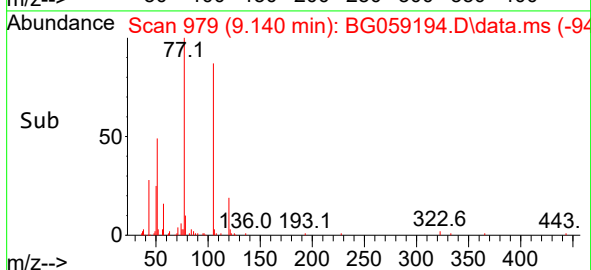
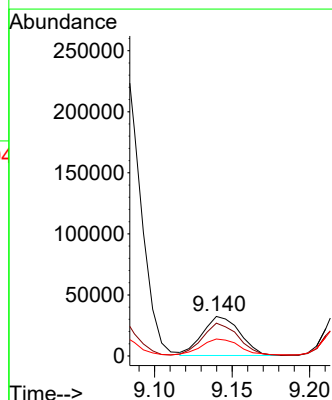
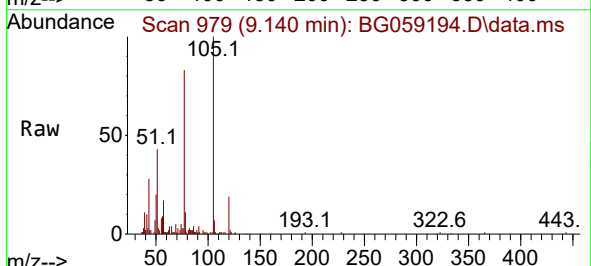
Tgt Ion:105 Resp: 53687

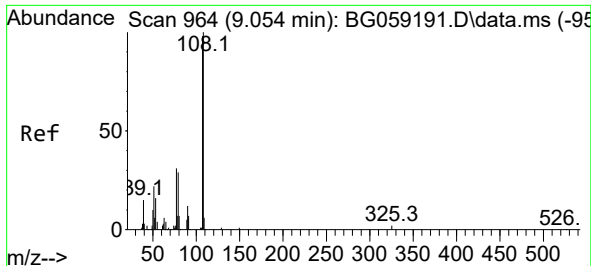
Ion Ratio Lower Upper

105 100

77 82.9 57.2 85.8

51 43.0 31.6 47.4

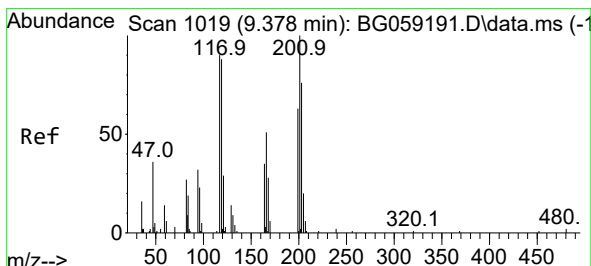
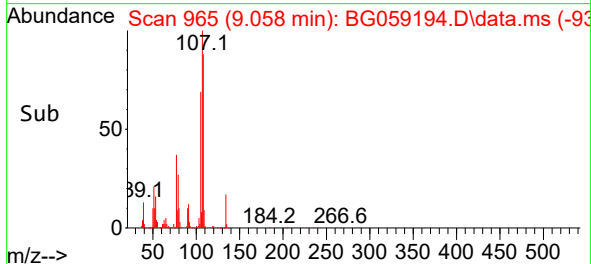
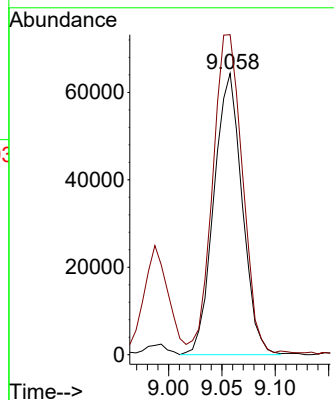
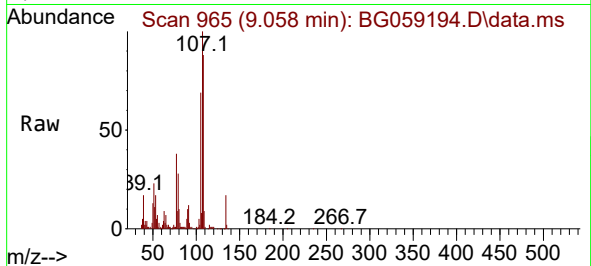




#18
4-Methylphenol
Concen: 41.060 ng/ul
RT: 9.058 min Scan# 90
Delta R.T. -0.006 min
Lab File: BG059194.D
Acq: 26 Sep 2023 12:16

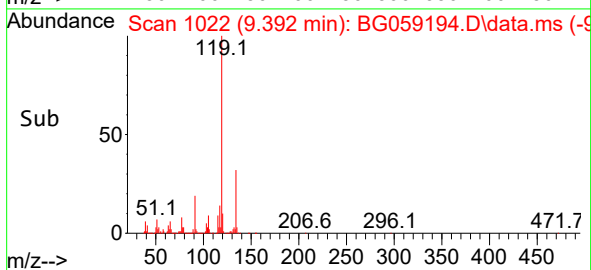
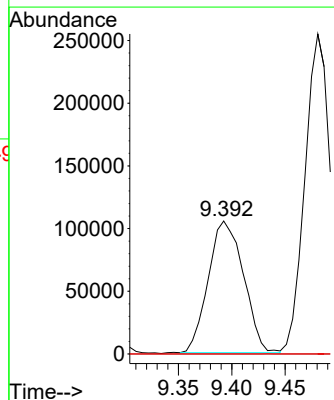
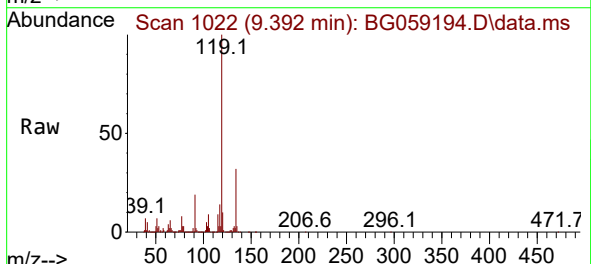
Instrument :
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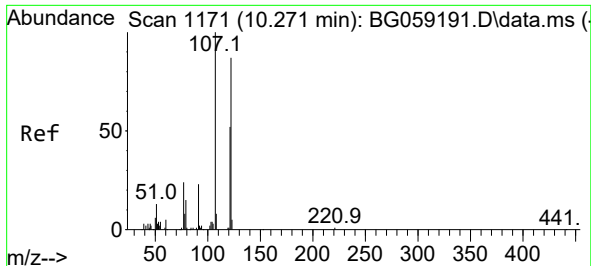
Tgt Ion:108 Resp: 118614
Ion Ratio Lower Upper
108 100
107 113.8 94.4 141.6



#19
Hexachloroethane
Concen: 230.673 ng/ul
RT: 9.392 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BG059194.D
Acq: 26 Sep 2023 12:16

Tgt Ion:117 Resp: 241314
Ion Ratio Lower Upper
117 100
201 0.0 86.4 129.6#
199 0.0 56.2 84.2#

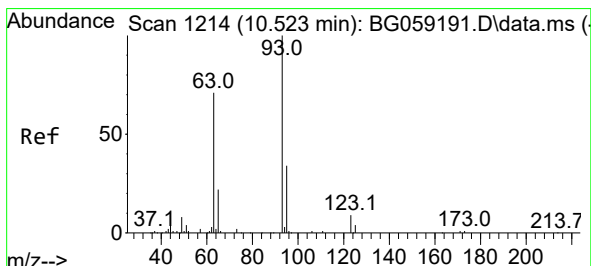
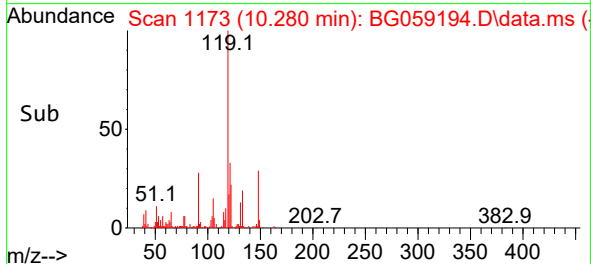
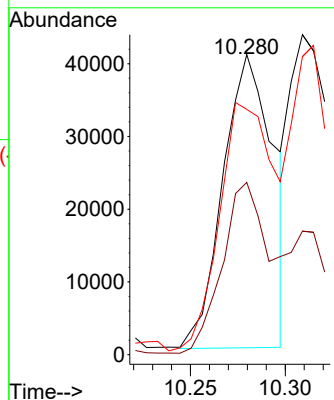
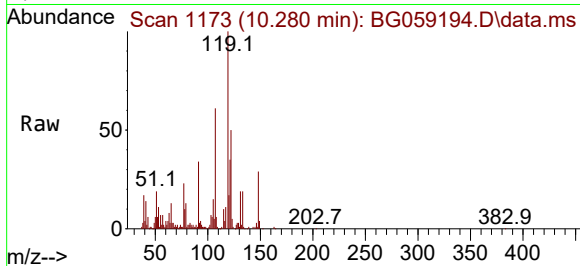




#26
2,4-Dimethylphenol
Concen: 25.902 ng/ul
RT: 10.280 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BG059194.D
Acq: 26 Sep 2023 12:16

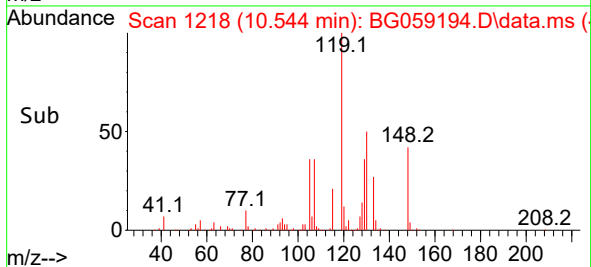
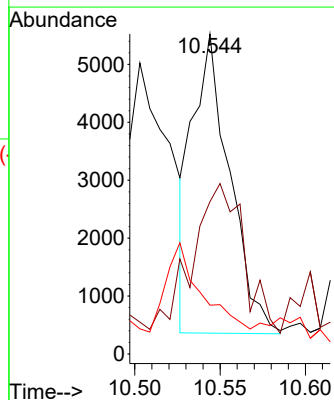
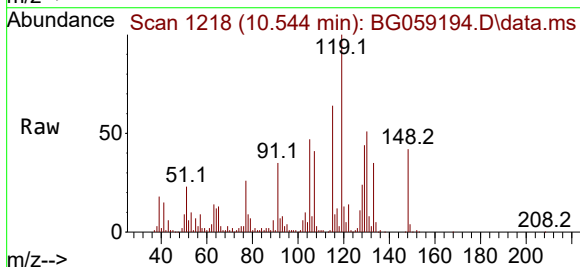
Instrument :
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ClientSampleId :
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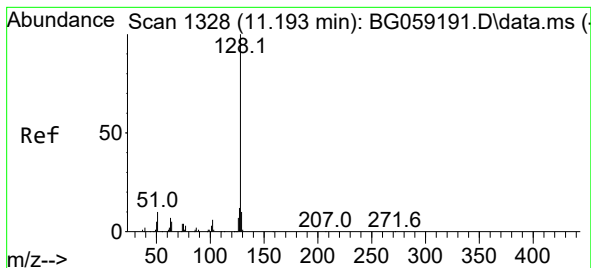
Tgt Ion:107 Resp: 74245
Ion Ratio Lower Upper
107 100
121 57.4 41.4 62.0
122 81.8 80.6 120.8



#27
Bis(2-Chloroethoxy)methane
Concen: 1.911 ng/ul
RT: 10.544 min Scan# 1218
Delta R.T. 0.006 min
Lab File: BG059194.D
Acq: 26 Sep 2023 12:16

Tgt Ion: 93 Resp: 7842
Ion Ratio Lower Upper
93 100
95 47.6 26.1 39.1#
123 15.3 8.7 13.1#

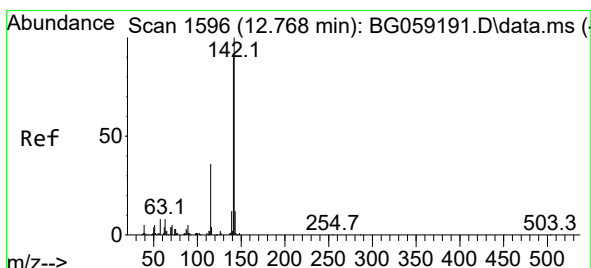
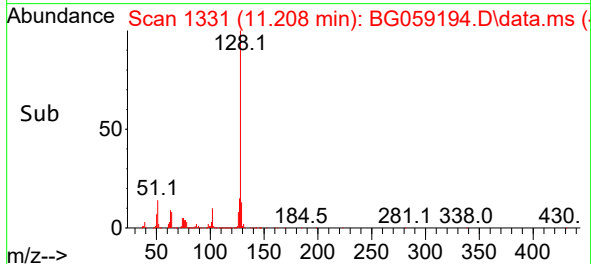
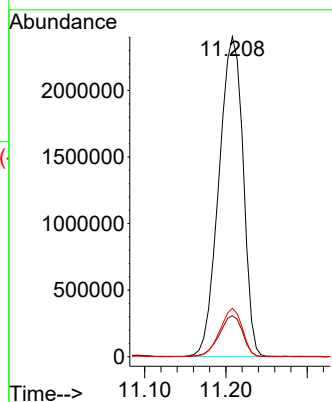
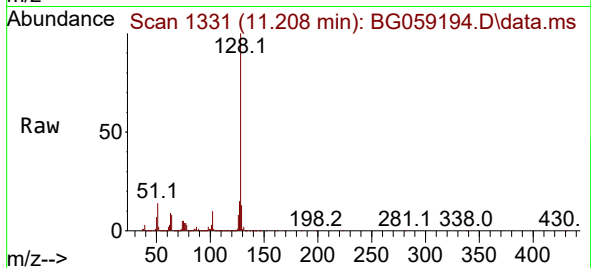




#30
Naphthalene
Concen: 527.090 ng/ul
RT: 11.208 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG059194.D
Acq: 26 Sep 2023 12:16

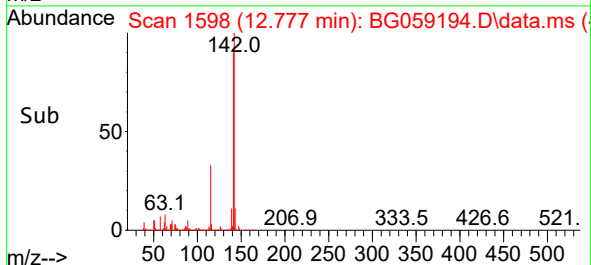
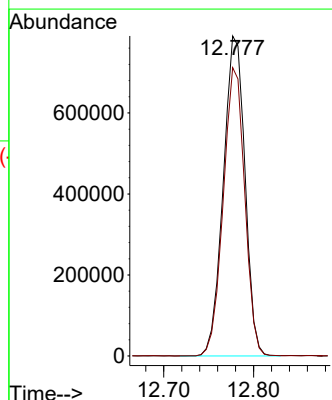
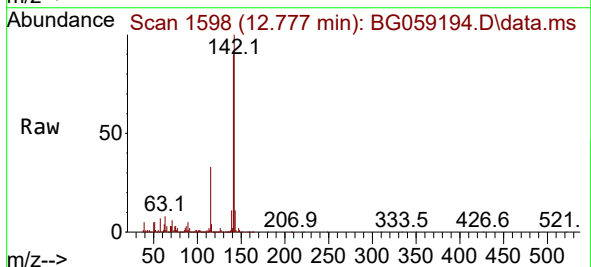
Instrument :
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ClientSampleId :
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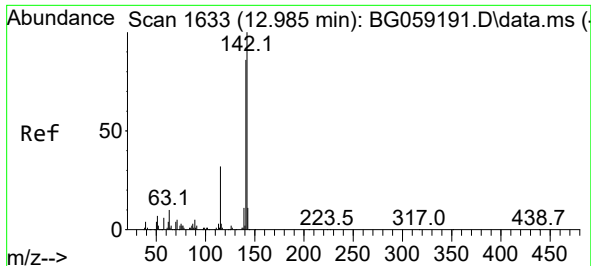
Tgt Ion:128 Resp: 4963842
Ion Ratio Lower Upper
128 100
129 12.8 8.4 12.6#
127 15.2 10.2 15.4



#36
2-Methylnaphthalene
Concen: 210.299 ng/ul
RT: 12.777 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BG059194.D
Acq: 26 Sep 2023 12:16

Tgt Ion:142 Resp: 1322722
Ion Ratio Lower Upper
142 100
141 90.1 70.6 106.0





#37

1-Methylnaphthalene

Concen: 113.131 ng/ul

RT: 12.994 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG059194.D

Acq: 26 Sep 2023 12:16

Instrument :

BNA_G

ClientSampleId :

BBK98

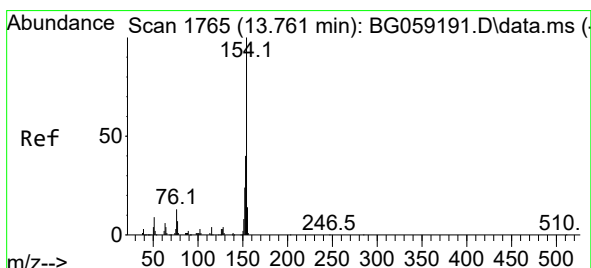
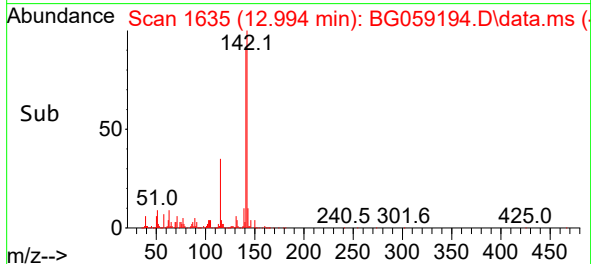
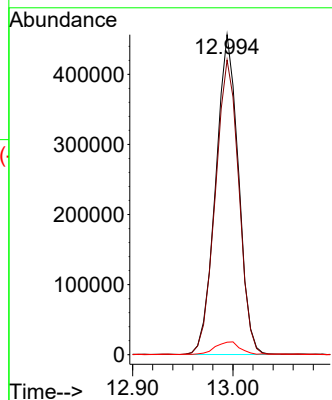
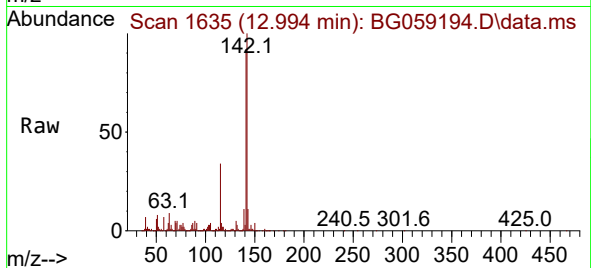
Tgt Ion:142 Resp: 718794

Ion Ratio Lower Upper

142 100

141 92.1 72.0 108.0

116 3.9 2.7 4.1



#43

1,1'-Biphenyl

Concen: 4.875 ng/ul

RT: 13.764 min Scan# 1766

Delta R.T. -0.006 min

Lab File: BG059194.D

Acq: 26 Sep 2023 12:16

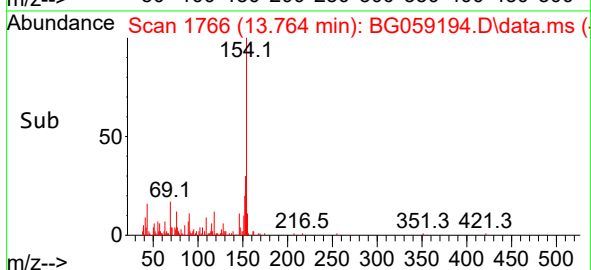
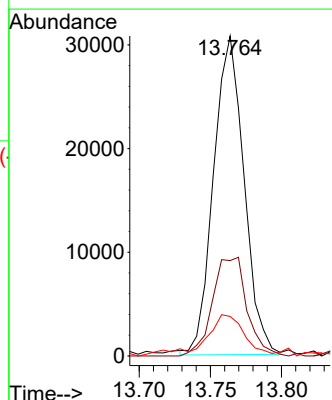
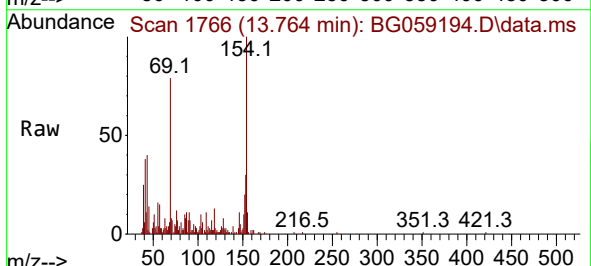
Tgt Ion:154 Resp: 45788

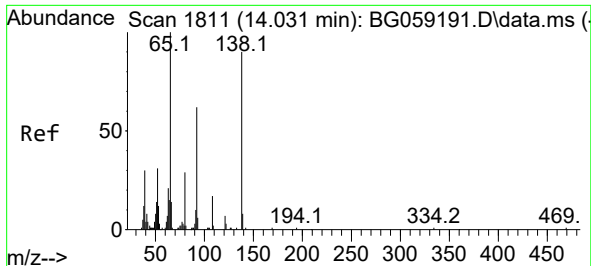
Ion Ratio Lower Upper

154 100

153 29.8 33.2 49.8#

76 12.4 9.8 14.8

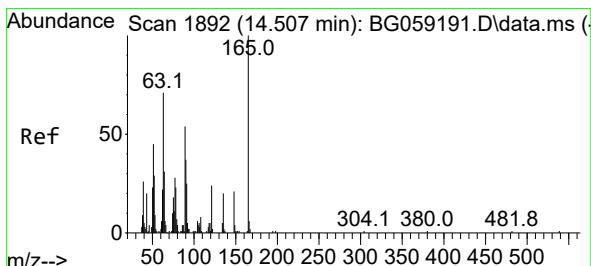
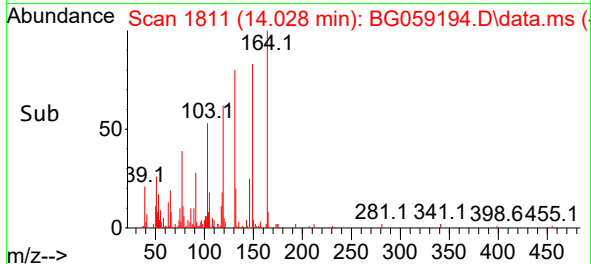
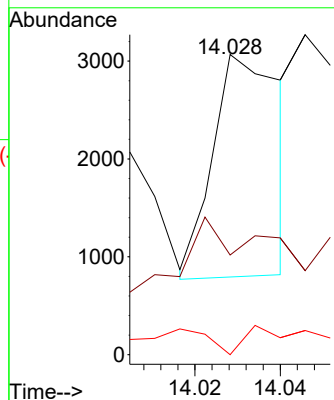
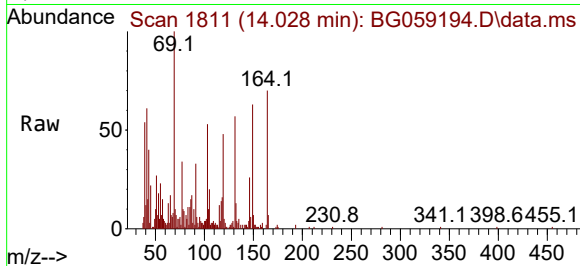




#45
2-Nitroaniline
Concen: 1.112 ng/ul
RT: 14.028 min Scan# 1811
Delta R.T. -0.012 min
Lab File: BG059194.D
Acq: 26 Sep 2023 12:16

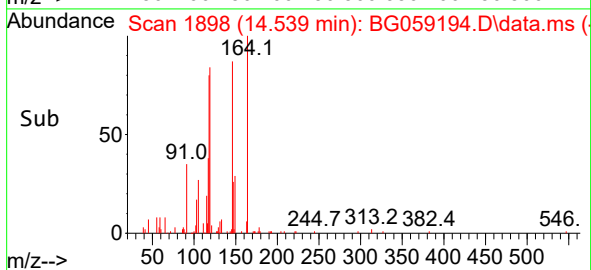
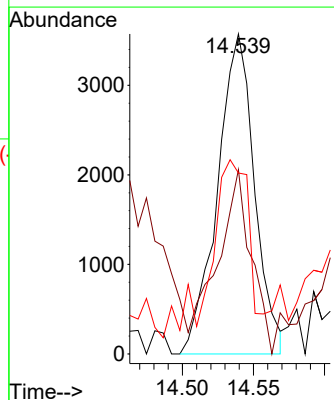
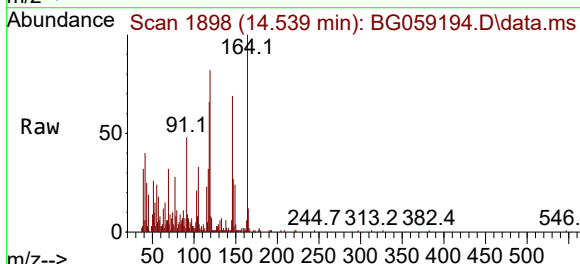
Instrument :
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ClientSampleId :
BBK98

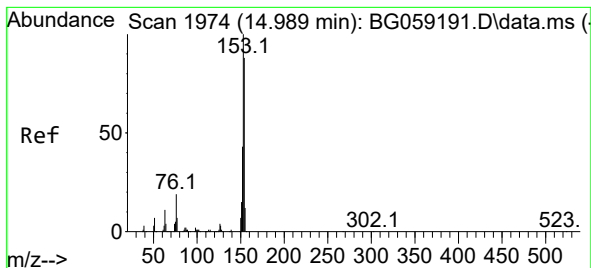
Tgt Ion: 65 Resp: 2527
Ion Ratio Lower Upper
65 100
92 33.2 53.6 80.4#
138 0.0 79.8 119.6#



#48
2,6-Dinitrotoluene
Concen: 3.799 ng/ul
RT: 14.539 min Scan# 1898
Delta R.T. 0.017 min
Lab File: BG059194.D
Acq: 26 Sep 2023 12:16

Tgt Ion:165 Resp: 6488
Ion Ratio Lower Upper
165 100
89 57.6 38.7 58.1
121 56.6 13.4 20.0#





#52

Acenaphthene

Concen: 1.309 ng/ul

RT: 14.986 min Scan# 1974

Delta R.T. -0.012 min

Lab File: BG059194.D

Acq: 26 Sep 2023 12:16

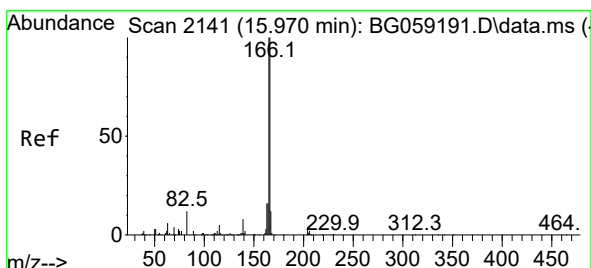
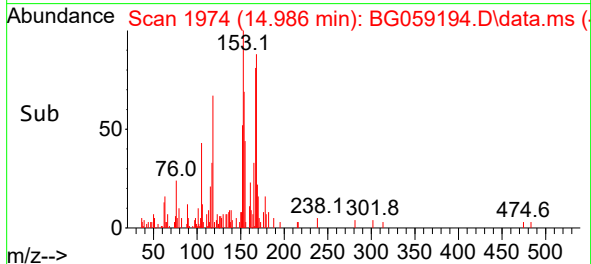
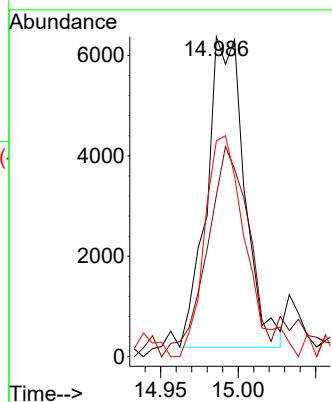
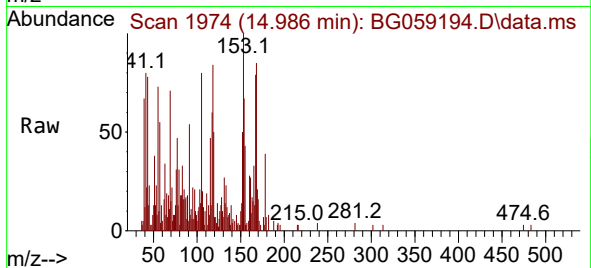
Instrument :

BNA_G

ClientSampleId :

BBK98

Tgt Ion:153	Resp:	10446
Ion Ratio	Lower	Upper
153	100	
152	50.4	36.0 54.0
154	67.5	71.3 106.9#



#61

Fluorene

Concen: 2.597 ng/ul

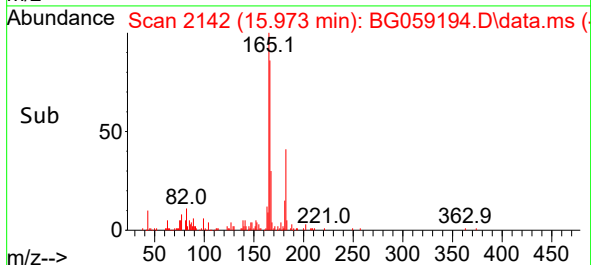
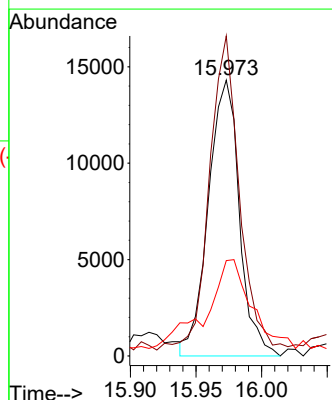
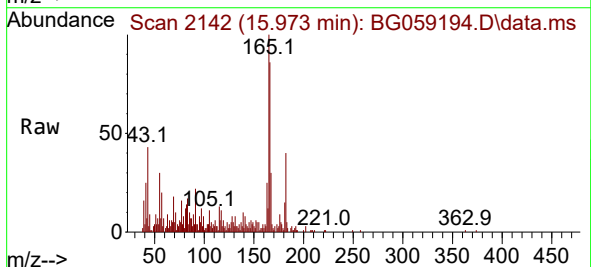
RT: 15.973 min Scan# 2142

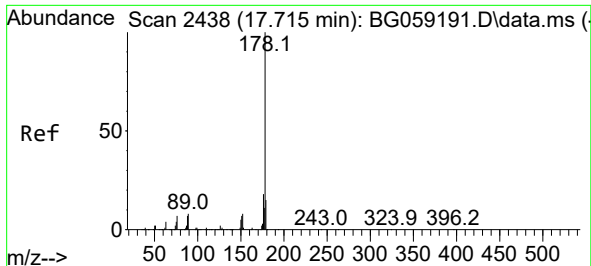
Delta R.T. -0.006 min

Lab File: BG059194.D

Acq: 26 Sep 2023 12:16

Tgt Ion:166	Resp:	23479
Ion Ratio	Lower	Upper
166	100	
165	116.0	81.6 122.4
167	34.6	12.1 18.1#

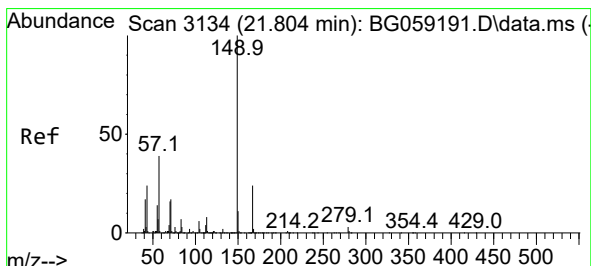
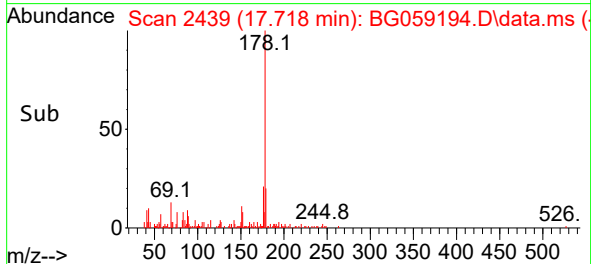
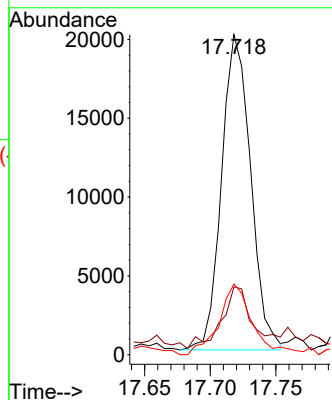
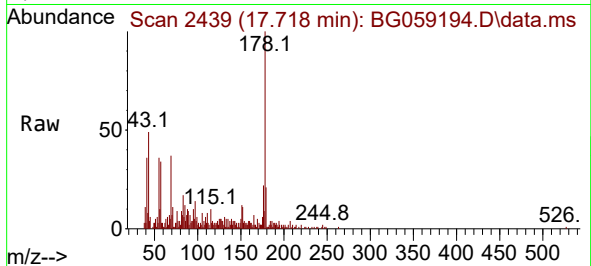




#72
Phenanthrene
Concen: 2.113 ng/ul
RT: 17.718 min Scan# 2438
Delta R.T. -0.012 min
Lab File: BG059194.D
Acq: 26 Sep 2023 12:16

Instrument :
BNA_G
ClientSampleId :
BBK98

Tgt Ion:178 Resp: 30801
Ion Ratio Lower Upper
178 100
179 21.2 11.8 17.8#
176 22.0 14.6 21.8#



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.787 ng/ul
RT: 21.801 min Scan# 3134
Delta R.T. -0.012 min
Lab File: BG059194.D
Acq: 26 Sep 2023 12:16

Tgt Ion:149 Resp: 14994
Ion Ratio Lower Upper
149 100
167 24.6 20.2 30.4
279 5.1 3.2 4.8#

