

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092523\
 Data File : BG059185.D
 Acq On : 25 Sep 2023 15:49
 Operator : MA/JU
 Sample : 04429-01DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BBKJ4DL

Quant Time: Sep 25 22:37:54 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)

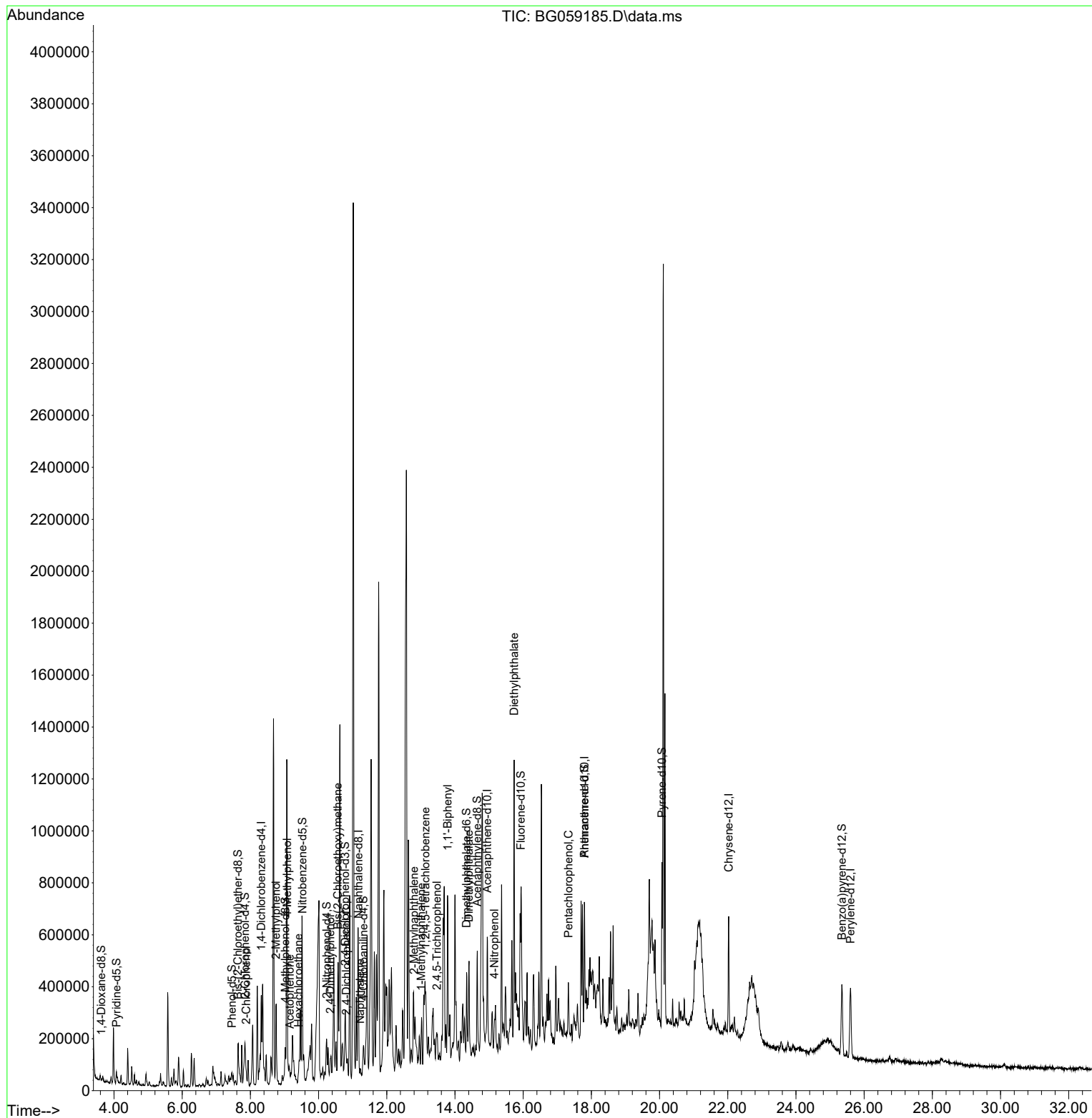
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.318	152	49258	20.000	ng/ul	# 0.01
20) Naphthalene-d8	11.167	136	238175	20.000	ng/ul	# 0.02
38) Acenaphthene-d10	14.945	164	146290	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.795	188	301198	20.000	ng/ul	0.11
79) Chrysene-d12	22.025	240	271149	20.000	ng/ul	0.02
88) Perylene-d12	25.598	264	319110	20.000	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.623	96	1770	1.406	ng/uL	0.00
4) Pyridine-d5	4.070	84	23319	6.316	ng/ul	0.01
7) Phenol-d5	7.454	99	27019	5.578	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.636	67	59299	19.951	ng/ul	0.01
11) 2-Chlorophenol-d4	7.842	132	58808	16.453	ng/ul	0.02
15) 4-Methylphenol-d8	9.023	113	44099	11.432	ng/ul	0.02
21) Nitrobenzene-d5	9.522	128	36661	19.947	ng/ul	0.02
24) 2-Nitrophenol-d4	10.239	143	38313	20.636	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.780	165	70815	20.091	ng/ul	0.03
31) 4-Chloroaniline-d4	11.314	131	43926	7.985	ng/ul	0.02
46) Dimethylphthalate-d6	14.340	166	231168	20.547	ng/ul	0.01
49) Acenaphthylene-d8	14.652	160	277261	20.239	ng/ul	0.02
54) 4-Nitrophenol-d4	15.122	143	673	0.328	ng/ul	0.00
60) Fluorene-d10	15.932	176	204366	19.844	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	16.132	200	145	0.085	ng/ul	0.10
73) Anthracene-d10	17.795	188	298581	21.787	ng/ul	0.01
81) Pyrene-d10	20.069	212	349884	22.077	ng/ul	0.01
92) Benzo(a)pyrene-d12	25.345	264	307028	19.704	ng/ul	0.03
Target Compounds						
						Qvalue
12) 2-Chlorophenol	7.871	128	5629	1.544	ng/ul#	78
13) 2-Methylphenol	8.753	108	39050	10.570	ng/ul	95
16) Acetophenone	9.158	105	7136	1.202	ng/ul#	76
18) 4-Methylphenol	9.082	108	29182	7.371	ng/ul	87
19) Hexachloroethane	9.411	117	1987	1.386	ng/ul#	4
26) 2,4-Dimethylphenol	10.345	107	9237	2.381	ng/ul	83
27) Bis(2-Chloroethoxy)met...	10.562	93	12177	2.193	ng/ul#	1
29) 2,4-Dichlorophenol	10.815	162	5515	1.548	ng/ul#	75
30) Naphthalene	11.214	128	31991	2.510	ng/ul	98
36) 2-Methylnaphthalene	12.795	142	17367	2.040	ng/ul	92
37) 1-Methylnaphthalene	13.007	142	11318	1.316	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	13.136	216	4645	1.083	ng/ul#	68
42) 2,4,5-Trichlorophenol	13.471	196	5166	1.705	ng/ul#	83
43) 1,1'-Biphenyl	13.782	154	51298	4.393	ng/ul	99
47) Dimethylphthalate	14.405	163	73460	6.393	ng/ul#	92
55) 4-Nitrophenol	15.151	109	2350	1.732	ng/ul#	44
59) Diethylphthalate	15.733	149	502532	44.380	ng/ul	99
71) Pentachlorophenol	17.325	266	30492	13.985	ng/ul	93

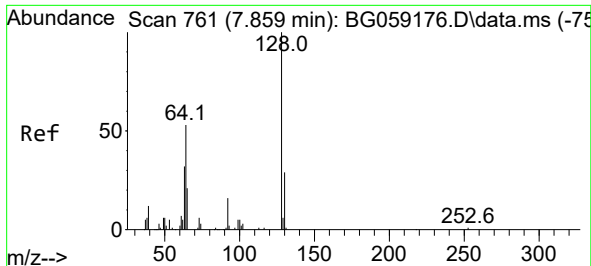
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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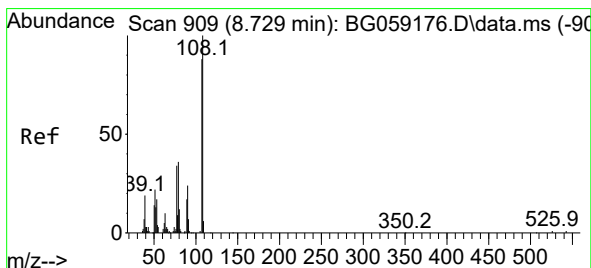
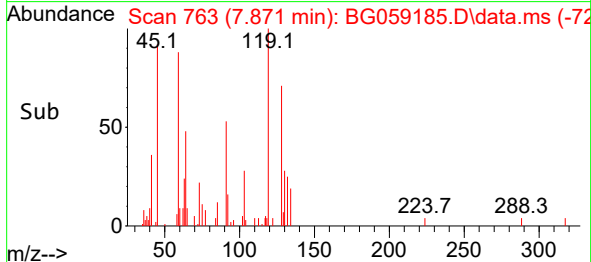
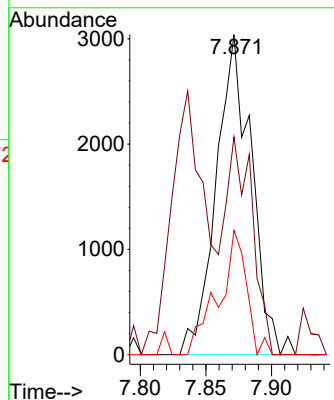
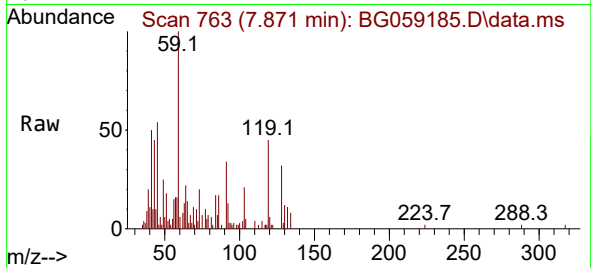




#12
2-Chlorophenol
Concen: 1.544 ng/ul
RT: 7.871 min Scan# 701
Delta R.T. 0.012 min
Lab File: BG059185.D
Acq: 25 Sep 2023 15:49

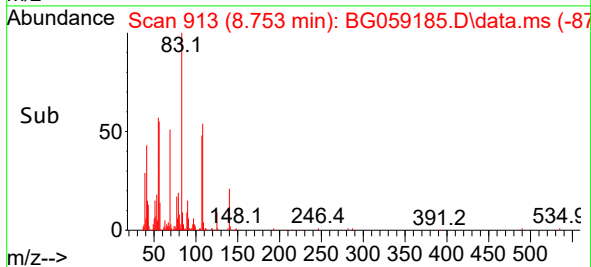
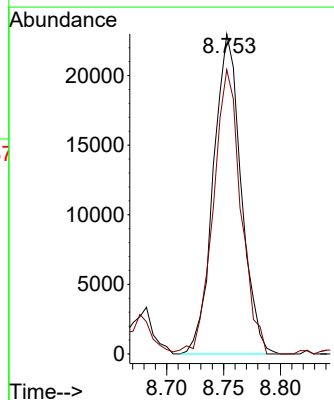
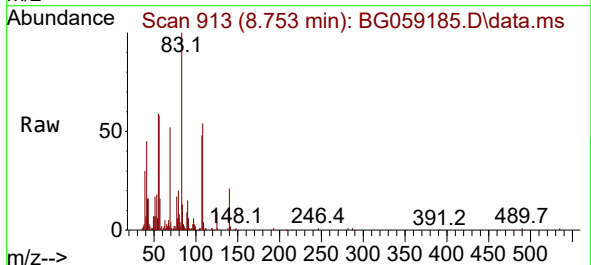
Instrument :
BNA_G
ClientSampleId :
BBKJ4DL

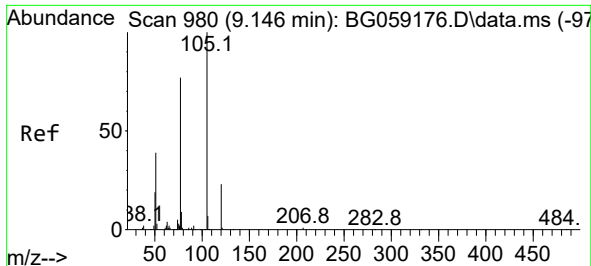
Tgt Ion:128 Resp: 5629
Ion Ratio Lower Upper
128 100
64 68.0 40.3 60.5#
130 38.9 24.0 36.0#



#13
2-Methylphenol
Concen: 10.570 ng/ul
RT: 8.753 min Scan# 913
Delta R.T. 0.024 min
Lab File: BG059185.D
Acq: 25 Sep 2023 15:49

Tgt Ion:108 Resp: 39050
Ion Ratio Lower Upper
108 100
107 88.9 75.1 112.7

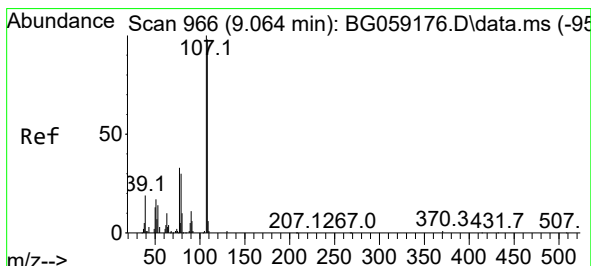
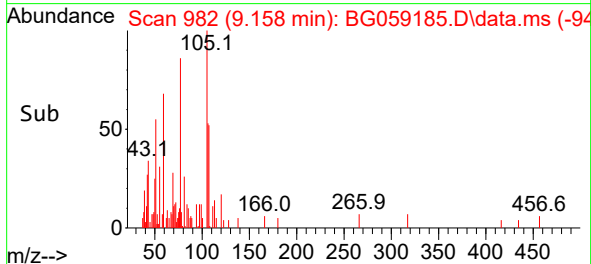
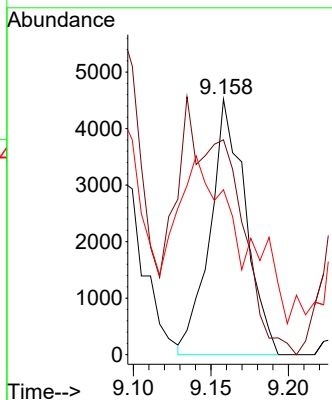
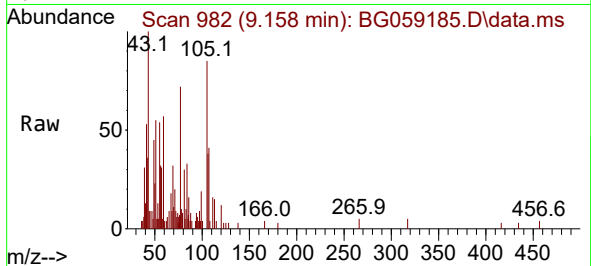




#16
Acetophenone
Concen: 1.202 ng/ul
RT: 9.158 min Scan# 916
Delta R.T. 0.012 min
Lab File: BG059185.D
Acq: 25 Sep 2023 15:49

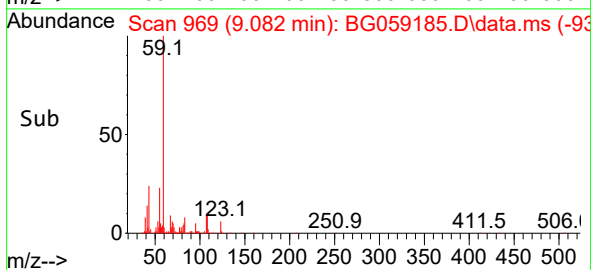
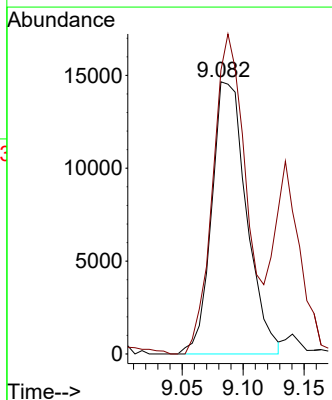
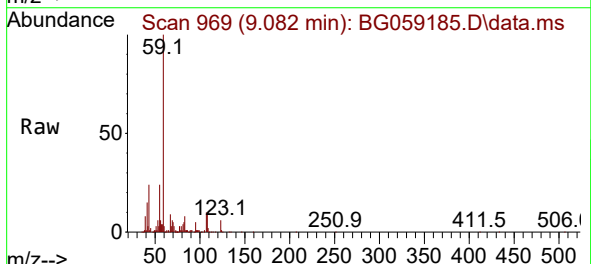
Instrument :
BNA_G
ClientSampleId :
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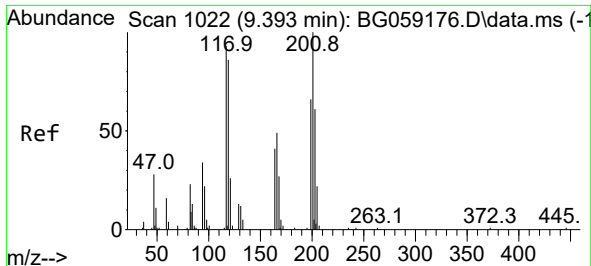
Tgt Ion:105 Resp: 7136
Ion Ratio Lower Upper
105 100
77 84.1 57.2 85.8
51 64.6 31.6 47.4#



#18
4-Methylphenol
Concen: 7.371 ng/ul
RT: 9.082 min Scan# 969
Delta R.T. 0.018 min
Lab File: BG059185.D
Acq: 25 Sep 2023 15:49

Tgt Ion:108 Resp: 29182
Ion Ratio Lower Upper
108 100
107 104.2 94.4 141.6

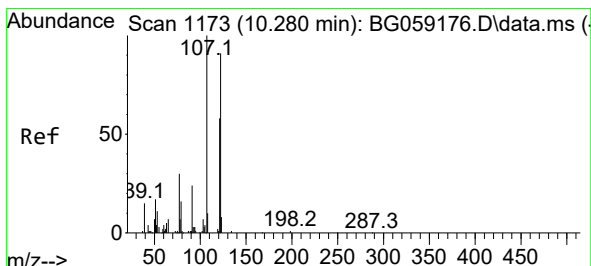
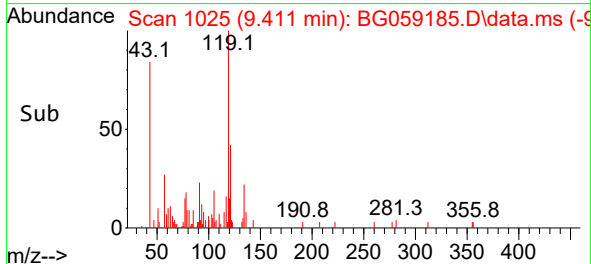
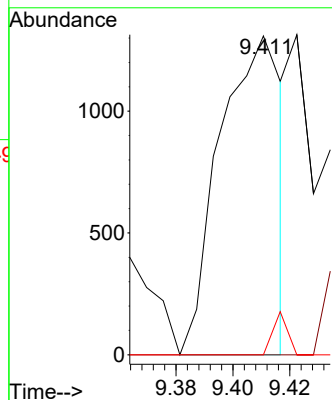
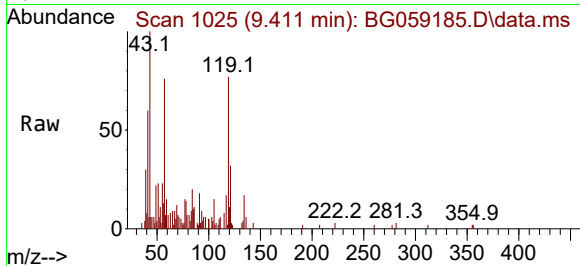




#19
Hexachloroethane
Concen: 1.386 ng/ul
RT: 9.411 min Scan# 1022
Delta R.T. 0.018 min
Lab File: BG059185.D
Acq: 25 Sep 2023 15:49

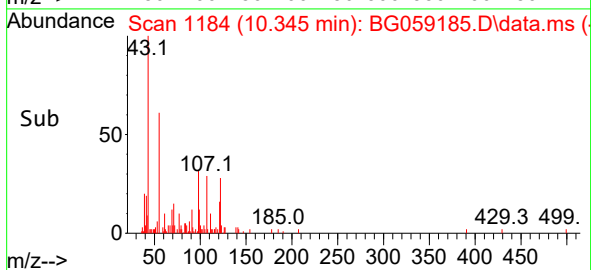
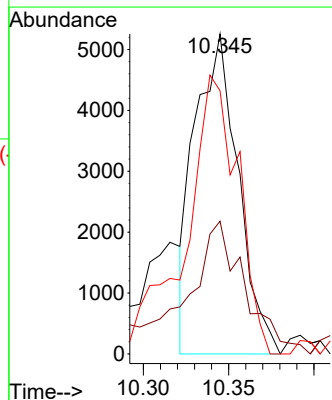
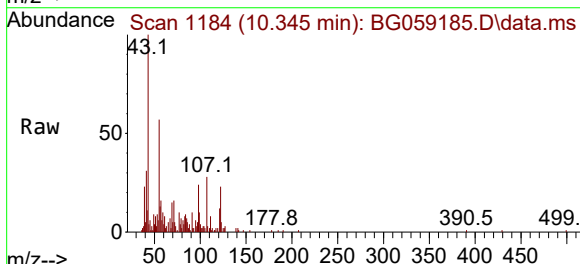
Instrument :
BNA_G
ClientSampleId :
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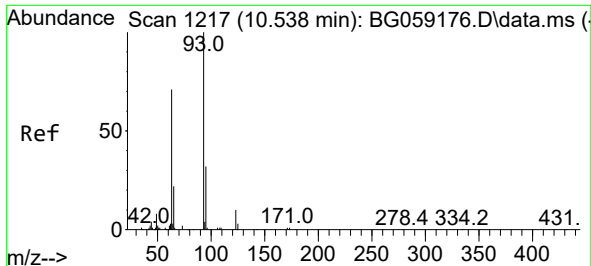
Tgt Ion:117 Resp: 1987
Ion Ratio Lower Upper
117 100
201 0.0 86.4 129.6#
199 0.0 56.2 84.2#



#26
2,4-Dimethylphenol
Concen: 2.381 ng/ul
RT: 10.345 min Scan# 1184
Delta R.T. 0.065 min
Lab File: BG059185.D
Acq: 25 Sep 2023 15:49

Tgt Ion:107 Resp: 9237
Ion Ratio Lower Upper
107 100
121 41.5 41.4 62.0
122 82.2 80.6 120.8





#27

Bis(2-Chloroethoxy)methane

Concen: 2.193 ng/ul

RT: 10.562 min Scan# 1221

Delta R.T. 0.024 min

Lab File: BG059185.D

Acq: 25 Sep 2023 15:49

Instrument :

BNA_G

ClientSampleId :

BBKJ4DL

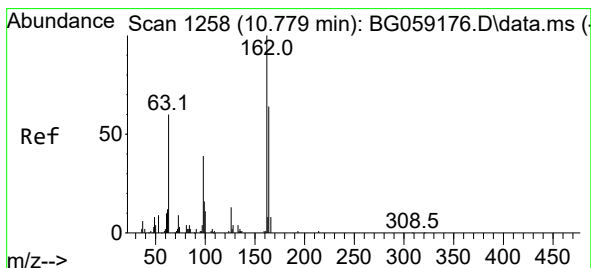
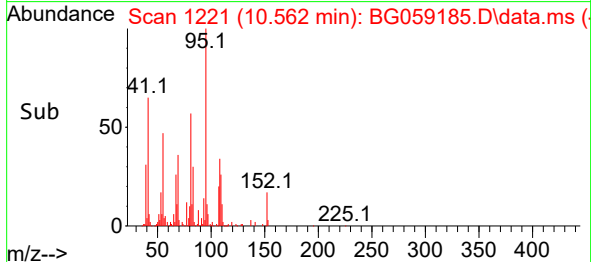
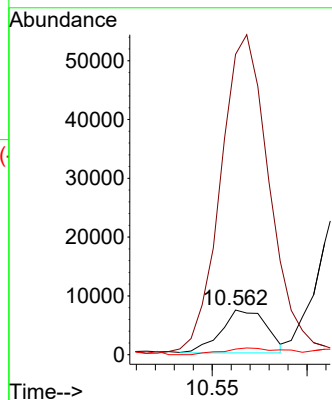
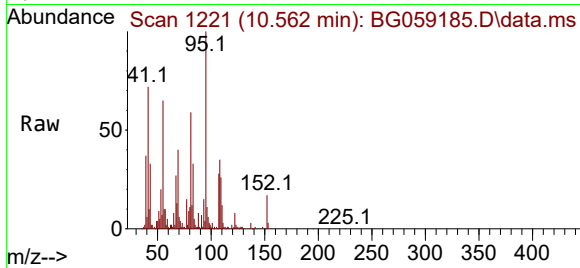
Tgt Ion: 93 Resp: 12177

Ion Ratio Lower Upper

93 100

95 672.5 26.1 39.1#

123 12.4 8.7 13.1



#29

2,4-Dichlorophenol

Concen: 1.548 ng/ul

RT: 10.815 min Scan# 1264

Delta R.T. 0.036 min

Lab File: BG059185.D

Acq: 25 Sep 2023 15:49

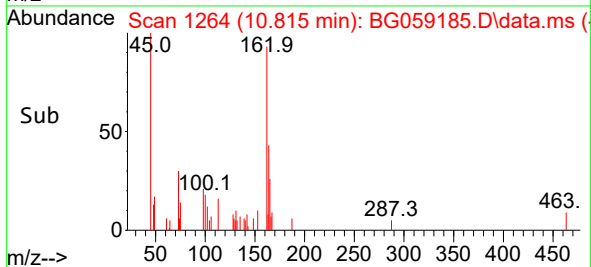
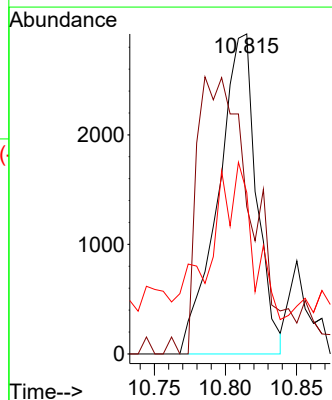
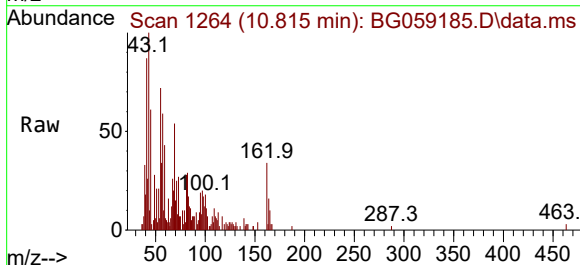
Tgt Ion:162 Resp: 5515

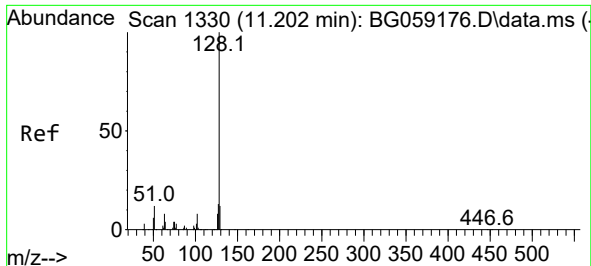
Ion Ratio Lower Upper

162 100

164 46.0 49.8 74.8#

98 50.5 25.9 38.9#

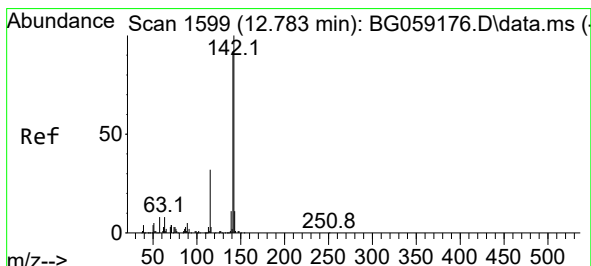
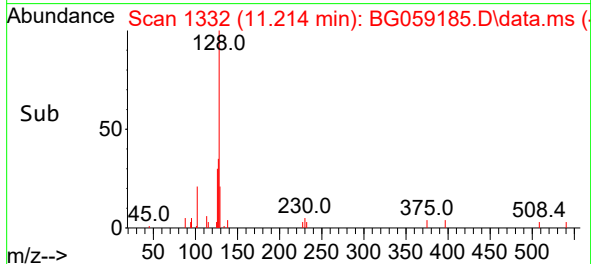
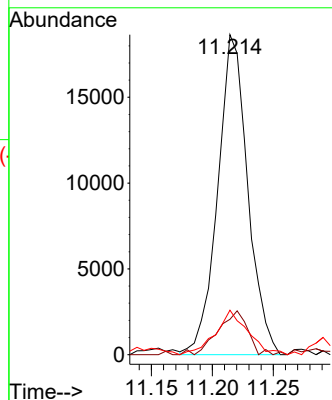
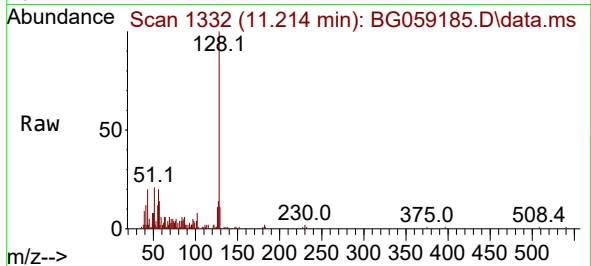




#30
Naphthalene
Concen: 2.510 ng/ul
RT: 11.214 min Scan# 11
Delta R.T. 0.012 min
Lab File: BG059185.D
Acq: 25 Sep 2023 15:49

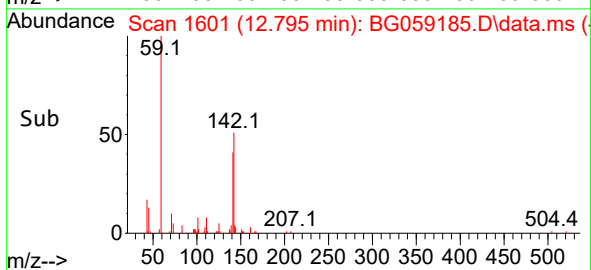
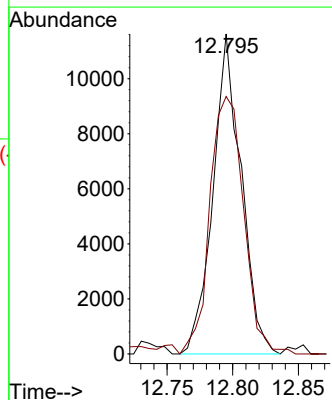
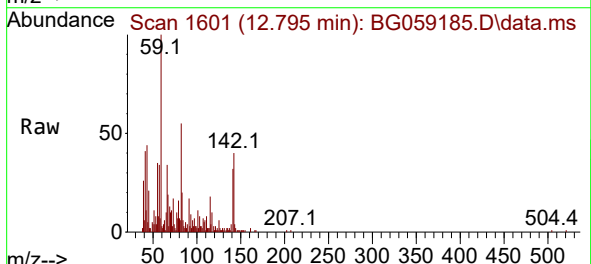
Instrument :
BNA_G
ClientSampleId :
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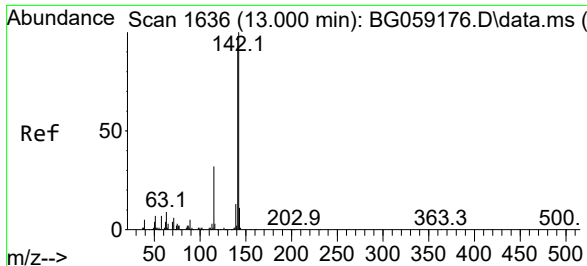
Tgt Ion:128 Resp: 31991
Ion Ratio Lower Upper
128 100
129 11.1 8.4 12.6
127 13.9 10.2 15.4



#36
2-Methylnaphthalene
Concen: 2.040 ng/ul
RT: 12.795 min Scan# 1601
Delta R.T. 0.012 min
Lab File: BG059185.D
Acq: 25 Sep 2023 15:49

Tgt Ion:142 Resp: 17367
Ion Ratio Lower Upper
142 100
141 80.4 70.6 106.0





#37

1-Methylnaphthalene

Concen: 1.316 ng/ul

RT: 13.007 min Scan# 1

Delta R.T. 0.006 min

Lab File: BG059185.D

Acq: 25 Sep 2023 15:49

Instrument :

BNA_G

ClientSampleId :

BBKJ4DL

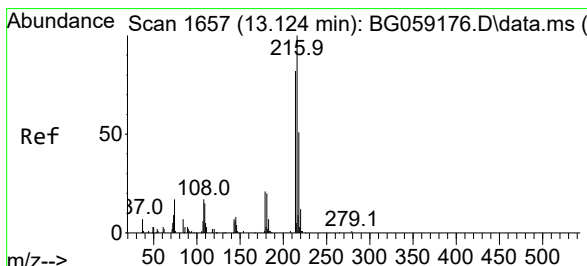
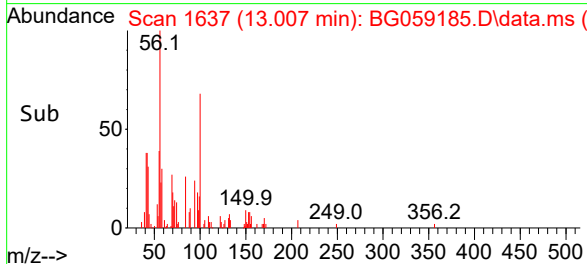
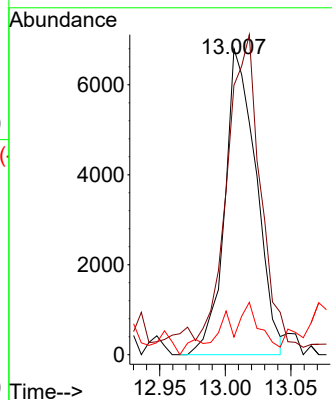
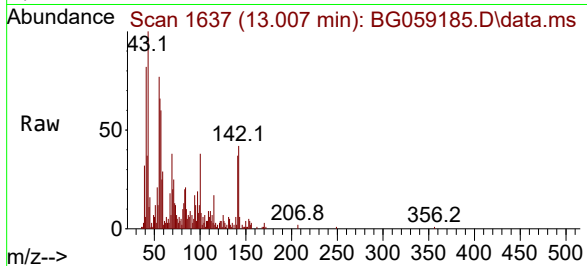
Tgt Ion:142 Resp: 11318

Ion Ratio Lower Upper

142 100

141 88.0 72.0 108.0

116 5.8 2.7 4.1#



#39

1,2,4,5-Tetrachlorobenzene

Concen: 1.083 ng/ul

RT: 13.136 min Scan# 1659

Delta R.T. 0.012 min

Lab File: BG059185.D

Acq: 25 Sep 2023 15:49

Tgt Ion:216 Resp: 4645

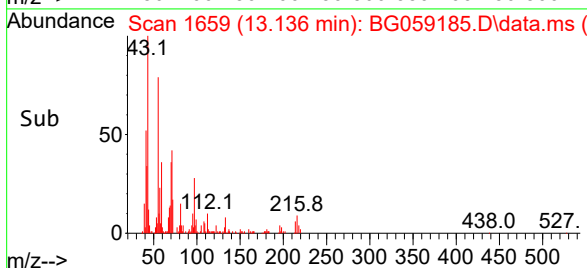
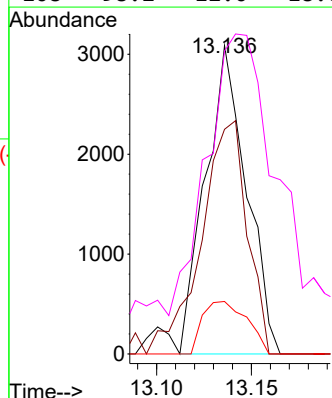
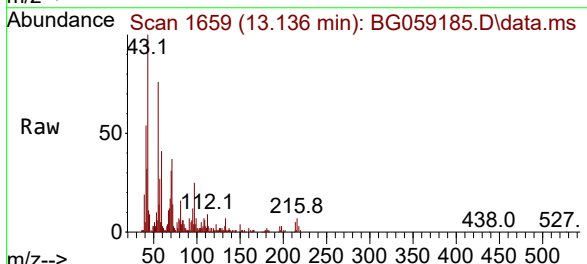
Ion Ratio Lower Upper

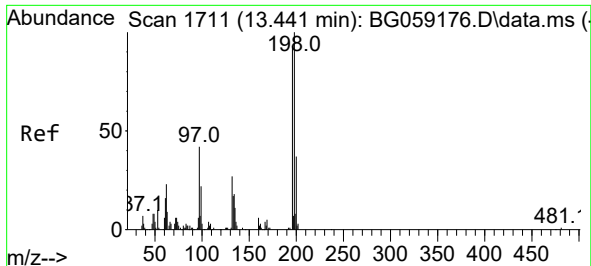
216 100

214 72.9 62.6 94.0

179 17.0 16.0 24.0

108 98.2 12.0 18.0#

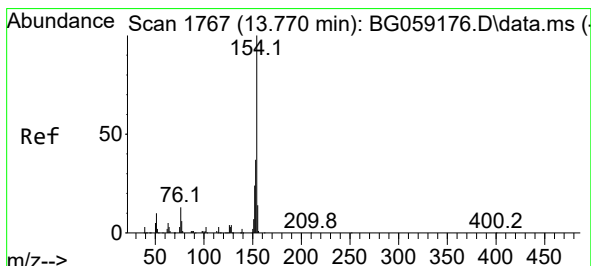
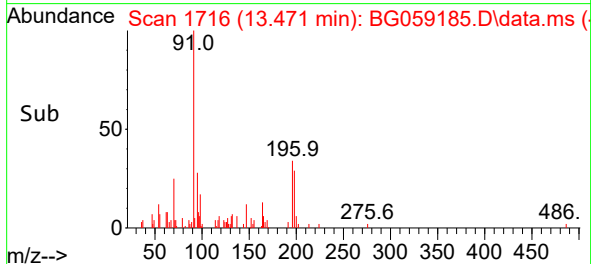
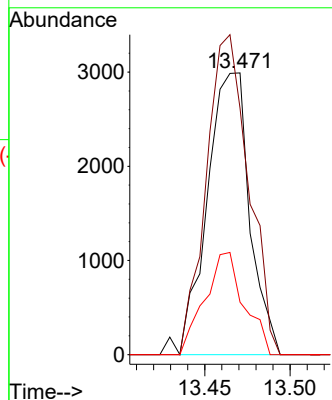
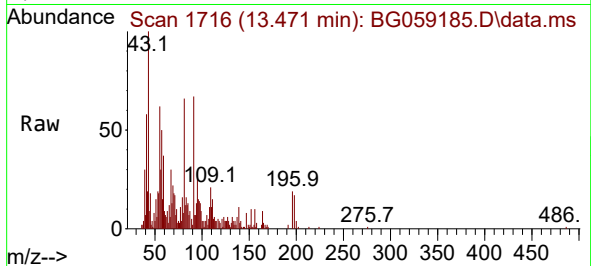




#42
2,4,5-Trichlorophenol
Concen: 1.705 ng/ul
RT: 13.471 min Scan# 1716
Delta R.T. 0.030 min
Lab File: BG059185.D
Acq: 25 Sep 2023 15:49

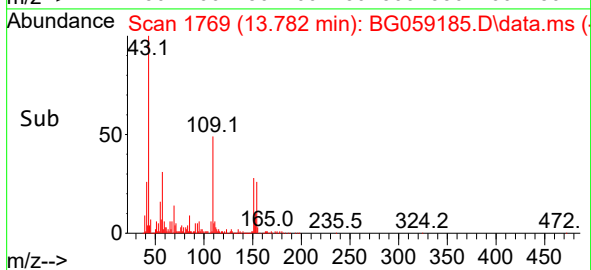
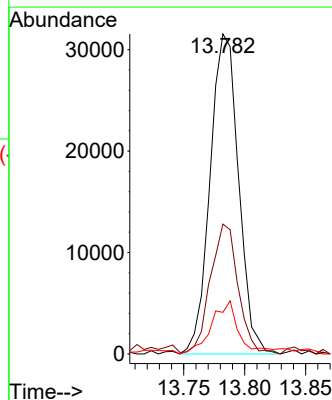
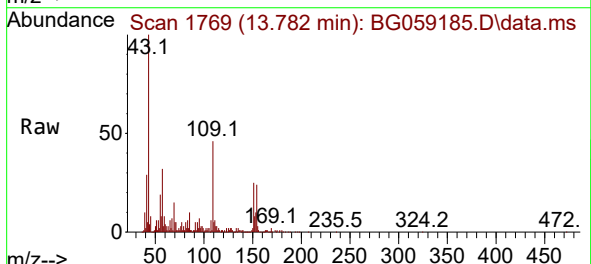
Instrument :
BNA_G
ClientSampleId :
BBKJ4DL

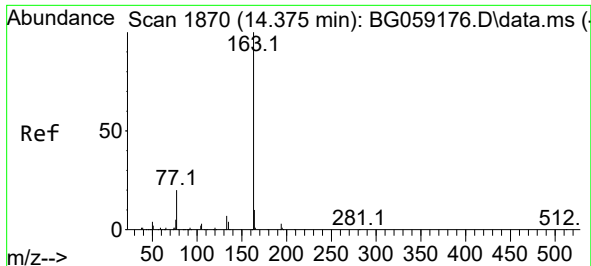
Tgt Ion:196 Resp: 5166
Ion Ratio Lower Upper
196 100
198 87.4 81.0 121.6
200 18.6 27.1 40.7#



#43
1,1'-Biphenyl
Concen: 4.393 ng/ul
RT: 13.782 min Scan# 1769
Delta R.T. 0.012 min
Lab File: BG059185.D
Acq: 25 Sep 2023 15:49

Tgt Ion:154 Resp: 51298
Ion Ratio Lower Upper
154 100
153 40.6 33.2 49.8
76 13.0 9.8 14.8

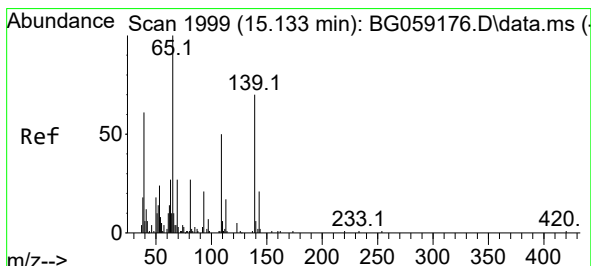
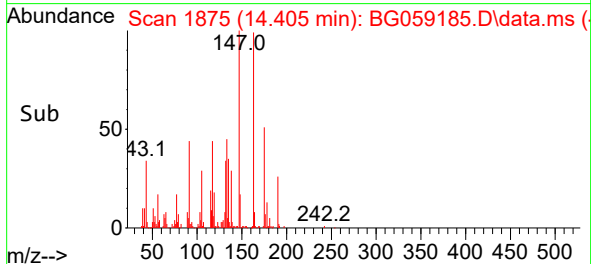
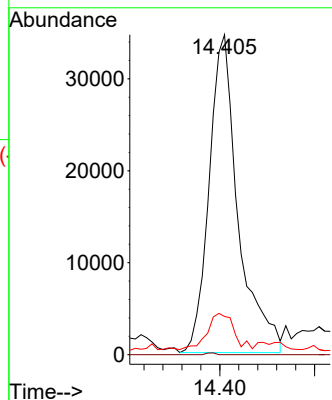
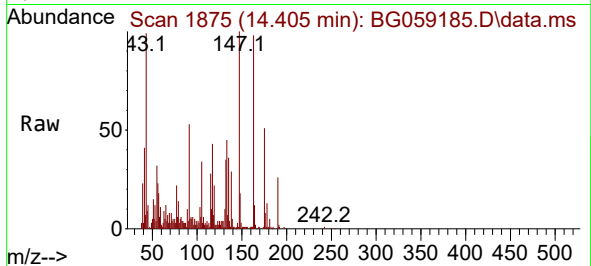




#47
Dimethylphthalate
Concen: 6.393 ng/ul
RT: 14.405 min Scan# 11
Delta R.T. 0.030 min
Lab File: BG059185.D
Acq: 25 Sep 2023 15:49

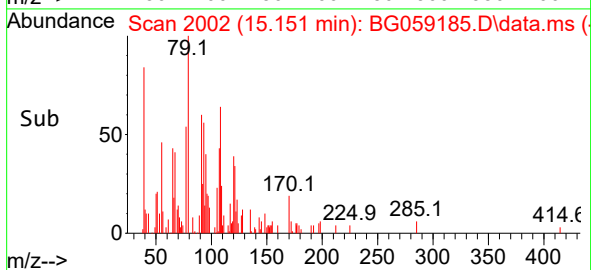
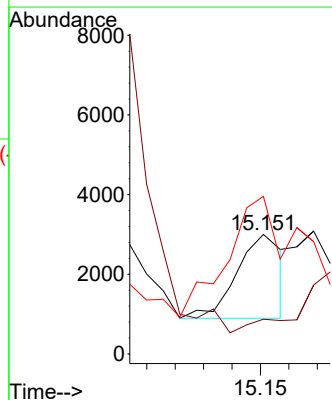
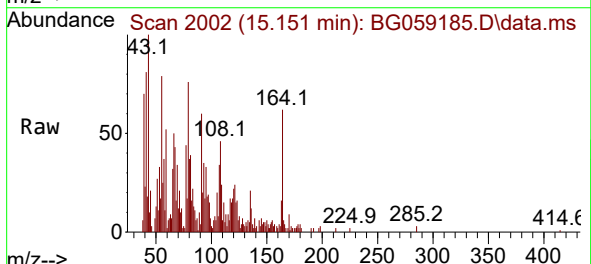
Instrument :
BNA_G
ClientSampleId :
BBKJ4DL

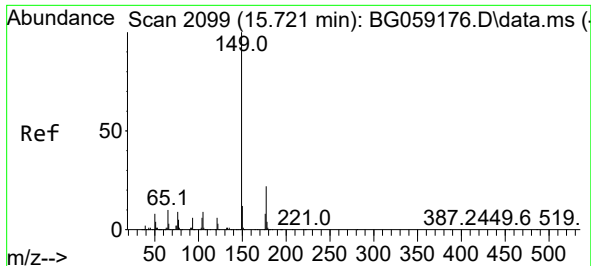
Tgt Ion:163 Resp: 73460
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 11.9 7.6 11.4#



#55
4-Nitrophenol
Concen: 1.732 ng/ul
RT: 15.151 min Scan# 2002
Delta R.T. 0.018 min
Lab File: BG059185.D
Acq: 25 Sep 2023 15:49

Tgt Ion:109 Resp: 2350
Ion Ratio Lower Upper
109 100
139 29.1 114.5 171.7#
65 131.9 132.1 198.1#

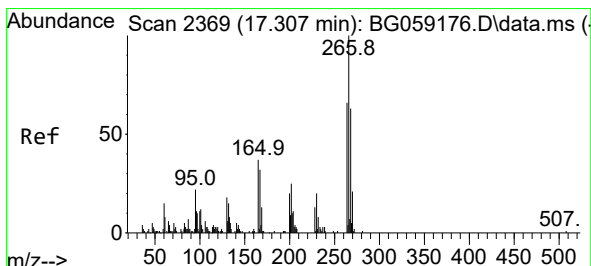
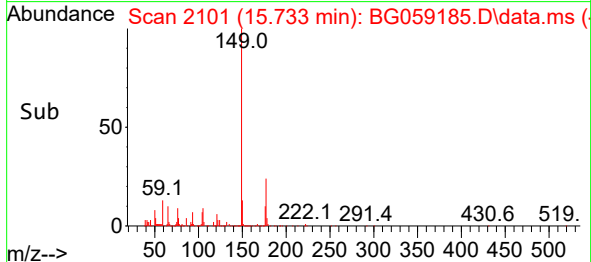
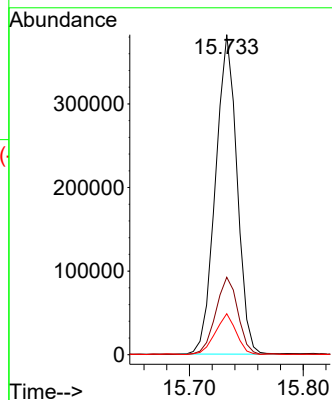
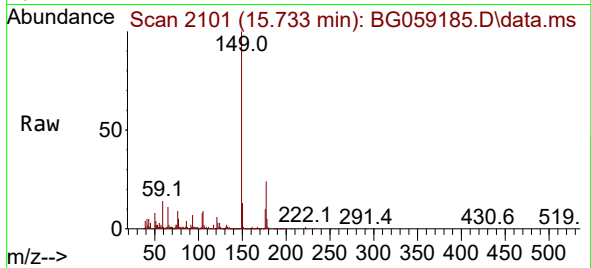




#59
Diethylphthalate
Concen: 44.380 ng/ul
RT: 15.733 min Scan# 2101
Delta R.T. 0.012 min
Lab File: BG059185.D
Acq: 25 Sep 2023 15:49

Instrument :
BNA_G
ClientSampleId :
BBKJ4DL

Tgt Ion:149 Resp: 502532
Ion Ratio Lower Upper
149 100
177 24.2 19.4 29.2
150 12.8 9.8 14.8



#71
Pentachlorophenol
Concen: 13.985 ng/ul
RT: 17.325 min Scan# 2372
Delta R.T. 0.018 min
Lab File: BG059185.D
Acq: 25 Sep 2023 15:49

Tgt Ion:266 Resp: 30492
Ion Ratio Lower Upper
266 100
264 59.1 50.6 76.0
268 63.5 56.4 84.6

