

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
 Data File : BG059198.D
 Acq On : 26 Sep 2023 15:00
 Operator : MA/JU
 Sample : 04450-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BBKA6

Quant Time: Sep 26 22:33:58 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)

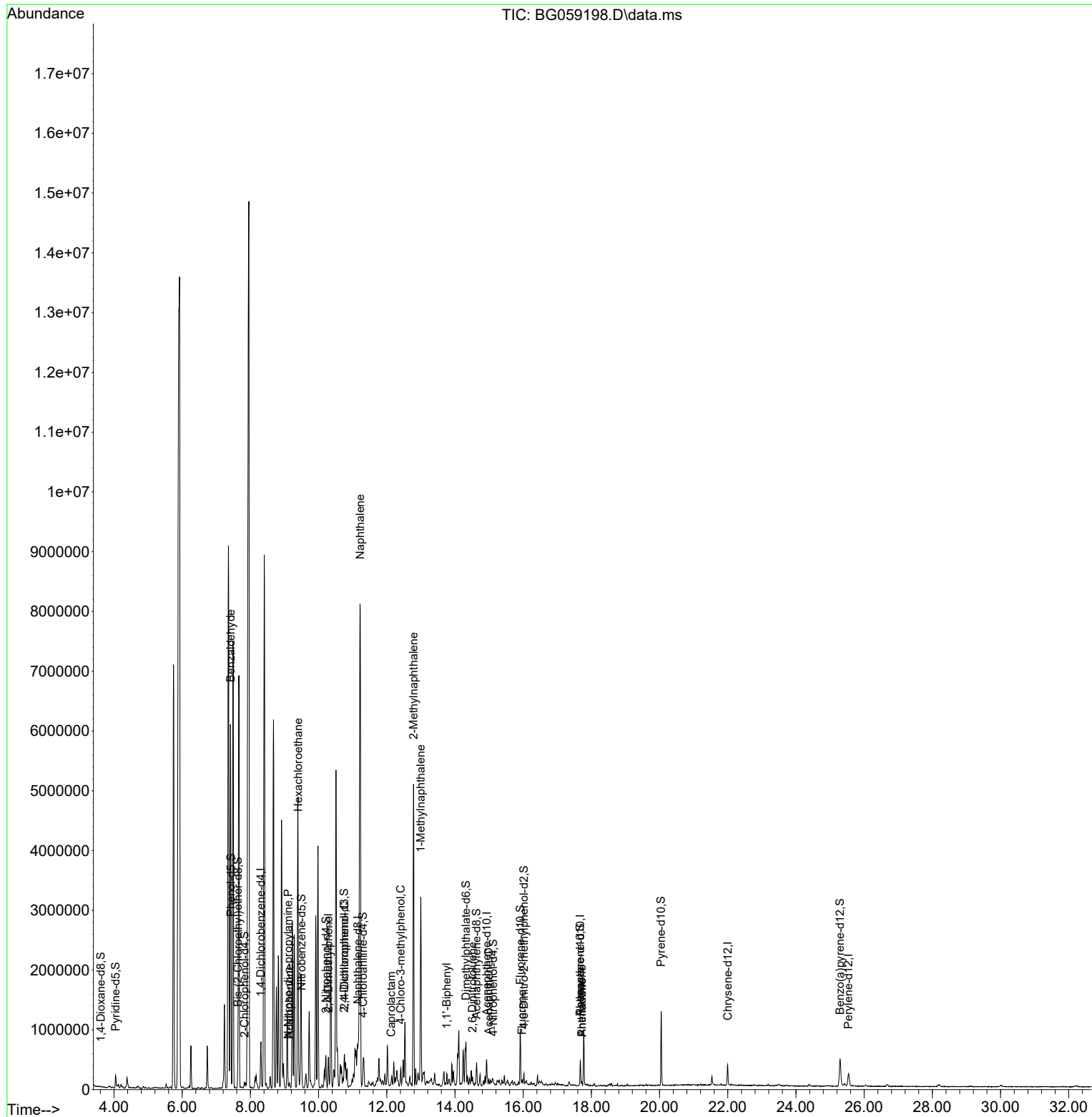
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.306	152	35963	20.000	ng/ul	# 0.00
20) Naphthalene-d8	11.150	136	182302	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.928	164	122390	20.000	ng/ul	# 0.00
64) Phenanthrene-d10	17.672	188	277047	20.000	ng/ul	-0.01
79) Chrysene-d12	21.996	240	222799	20.000	ng/ul	-0.01
88) Perylene-d12	25.539	264	256248	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.612	96	4739	5.158	ng/uL	-0.01
4) Pyridine-d5	4.047	84	99938	37.077	ng/ul	-0.01
7) Phenol-d5	7.431	99	13993	3.957	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.631	67	102192	47.092	ng/ul	0.00
11) 2-Chlorophenol-d4	7.825	132	51079	19.574	ng/ul	0.00
15) 4-Methylphenol-d8	8.988	113	354	0.126	ng/ul	-0.01
21) Nitrobenzene-d5	9.499	128	94323	67.051	ng/ul	0.00
24) 2-Nitrophenol-d4	10.216	143	69684	49.036	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.751	165	59901	22.203	ng/ul	0.00
31) 4-Chloroaniline-d4	11.303	131	9938	2.360	ng/ul	0.00
46) Dimethylphthalate-d6	14.323	166	449591	47.764	ng/ul	0.00
49) Acenaphthylene-d8	14.628	160	208032	18.151	ng/ul	0.00
54) 4-Nitrophenol-d4	15.122	143	6960	4.053	ng/ul	0.00
60) Fluorene-d10	15.915	176	403362	46.816	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.021	200	46239	29.357	ng/ul	-0.01
73) Anthracene-d10	17.672	188	277047	21.978	ng/ul	-0.11
81) Pyrene-d10	20.046	212	704451	54.095	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.292	264	543243	43.416	ng/ul	-0.02
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.419	77	478938	261.202	ng/ul#	1
16) Acetophenone	9.141	105	36649	8.453	ng/ul	92
17) N-Nitroso-di-n-propyla...	9.105	70	2502	1.142	ng/ul#	65
19) Hexachloroethane	9.399	117	459084	438.560	ng/ul#	4
26) 2,4-Dimethylphenol	10.286	107	3589	1.209	ng/ul#	18
29) 2,4-Dichlorophenol	10.756	162	4695	1.722	ng/ul	94
30) Naphthalene	11.215	128	7292715	747.579	ng/ul#	88
34) Caprolactam	12.125	113	3819	3.824	ng/ul#	51
35) 4-Chloro-3-methylphenol	12.407	107	6750	2.350	ng/ul#	24
36) 2-Methylnaphthalene	12.784	142	2484485	381.335	ng/ul	98
37) 1-Methylnaphthalene	12.995	142	1426724	216.780	ng/ul#	97
43) 1,1'-Biphenyl	13.759	154	69106	7.074	ng/ul	96
48) 2,6-Dinitrotoluene	14.511	165	2701	1.520	ng/ul#	1
52) Acenaphthene	14.993	153	17263	2.079	ng/ul#	77
61) Fluorene	15.968	166	37639	4.003	ng/ul#	88
72) Phenanthrene	17.719	178	45224	2.917	ng/ul	97
74) Anthracene	17.719	178	45224	2.855	ng/ul	99

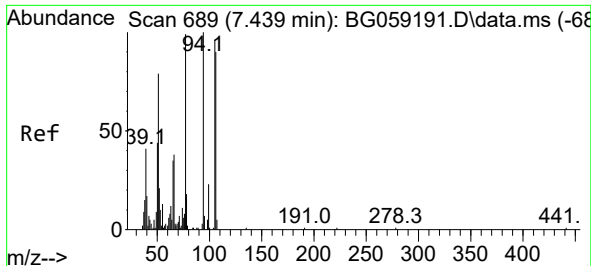
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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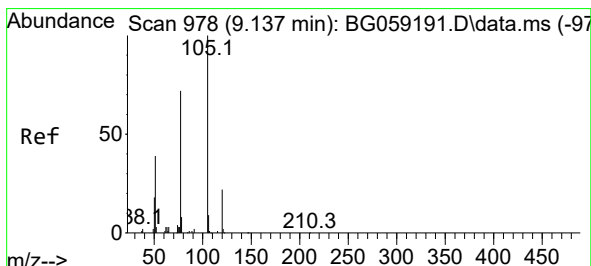
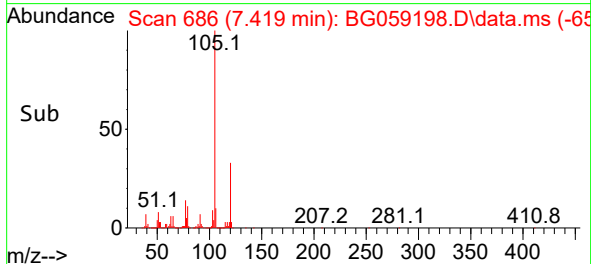
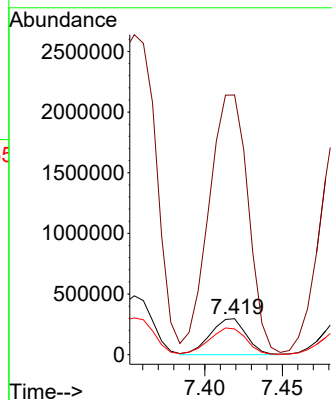
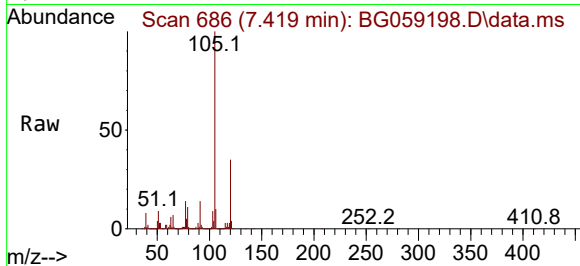




#6
Benzaldehyde
Concen: 261.202 ng/ul
RT: 7.419 min Scan# 686
Delta R.T. -0.035 min
Lab File: BG059198.D
Acq: 26 Sep 2023 15:00

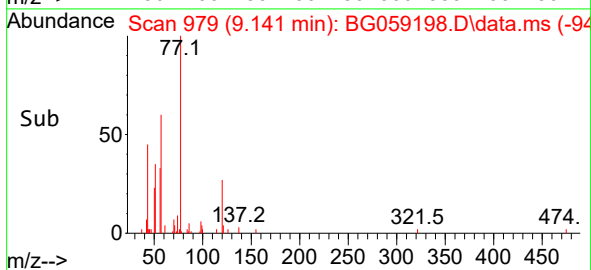
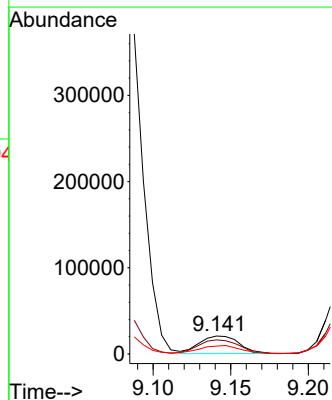
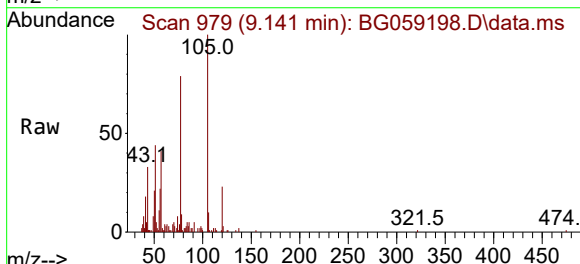
Instrument :
BNA_G
ClientSampleId :
BBKA6

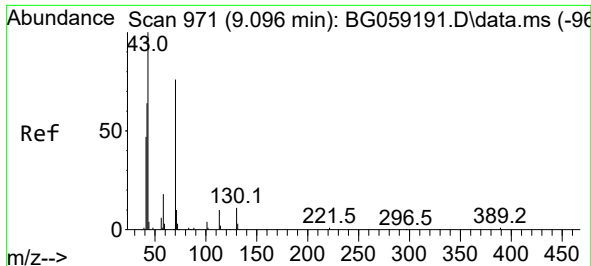
Tgt Ion: 77 Resp: 478938
Ion Ratio Lower Upper
77 100
105 722.6 76.9 115.3#
106 71.8 69.4 104.0



#16
Acetophenone
Concen: 8.453 ng/ul
RT: 9.141 min Scan# 979
Delta R.T. -0.005 min
Lab File: BG059198.D
Acq: 26 Sep 2023 15:00

Tgt Ion: 105 Resp: 36649
Ion Ratio Lower Upper
105 100
77 78.5 57.2 85.8
51 44.0 31.6 47.4

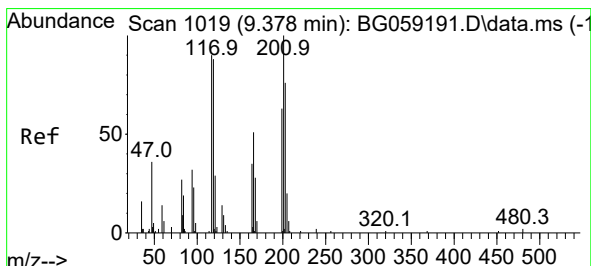
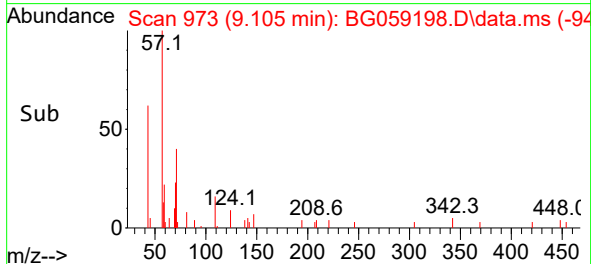
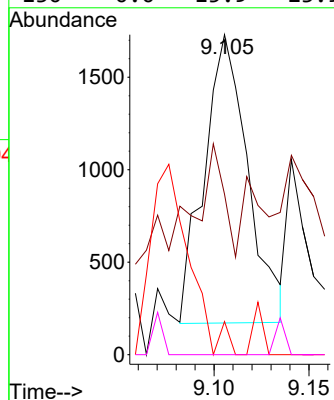
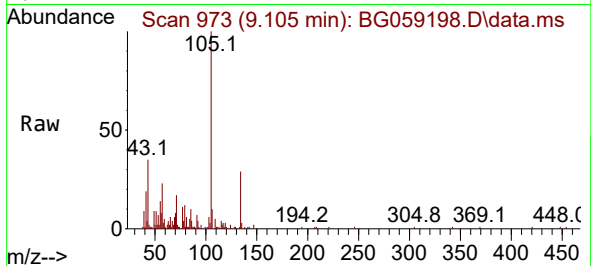




#17
N-Nitroso-di-n-propylamine
Concen: 1.142 ng/ul
RT: 9.105 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG059198.D
Acq: 26 Sep 2023 15:00

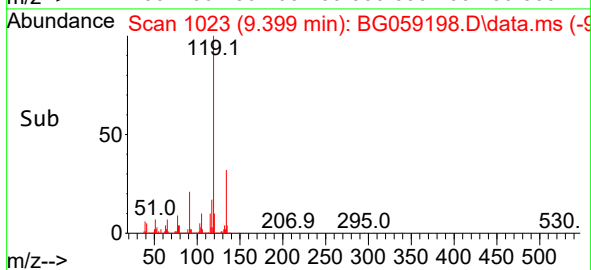
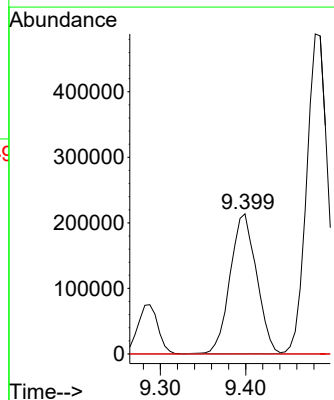
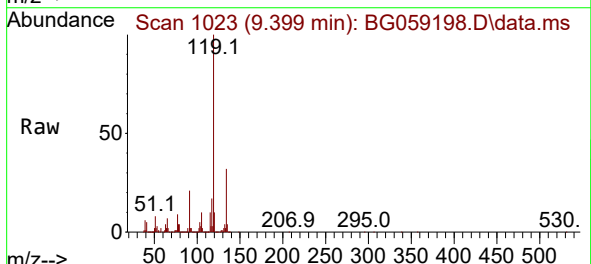
Instrument :
BNA_G
ClientSampleId :
BBKA6

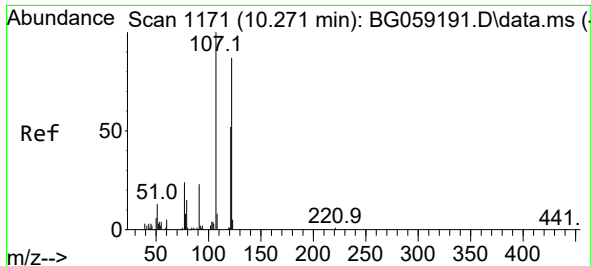
Tgt Ion: 70 Resp: 2502
Ion Ratio Lower Upper
70 100
42 50.2 67.1 100.7#
101 10.3 7.6 11.4
130 0.0 15.9 23.9#



#19
Hexachloroethane
Concen: 438.560 ng/ul
RT: 9.399 min Scan# 1023
Delta R.T. 0.007 min
Lab File: BG059198.D
Acq: 26 Sep 2023 15:00

Tgt Ion: 117 Resp: 459084
Ion Ratio Lower Upper
117 100
201 0.0 86.4 129.6#
199 0.0 56.2 84.2#

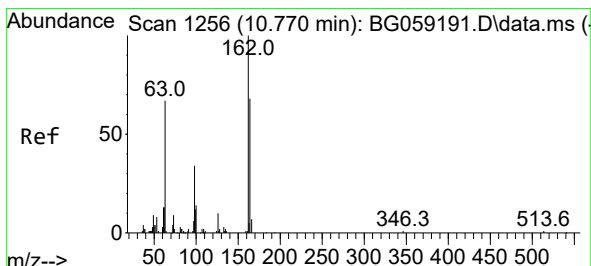
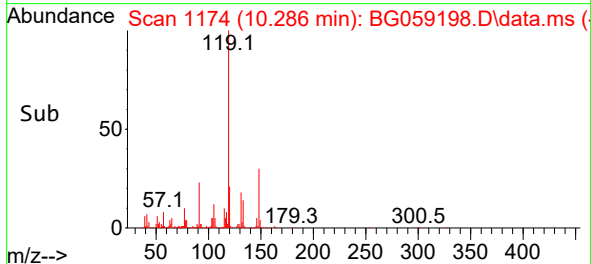
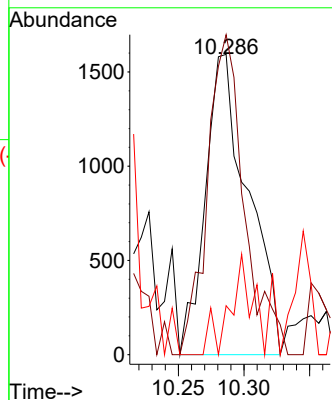
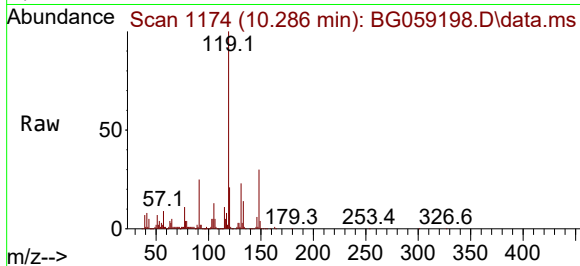




#26
2,4-Dimethylphenol
Concen: 1.209 ng/ul
RT: 10.286 min Scan# 1174
Delta R.T. 0.007 min
Lab File: BG059198.D
Acq: 26 Sep 2023 15:00

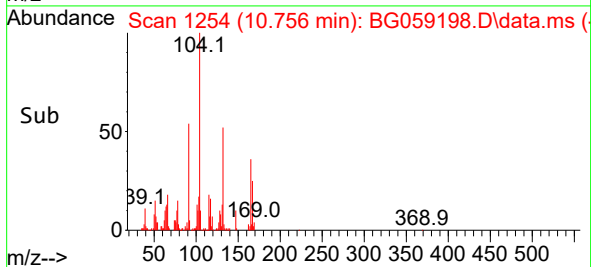
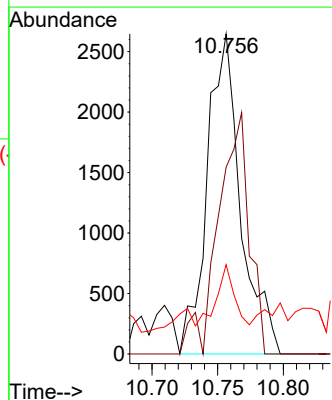
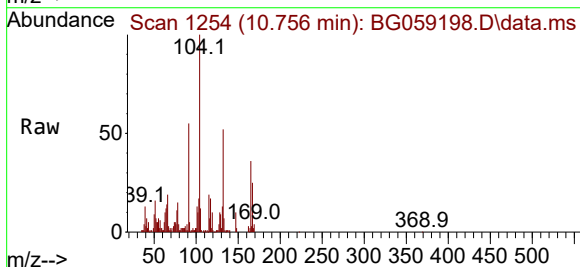
Instrument :
BNA_G
ClientSampleId :
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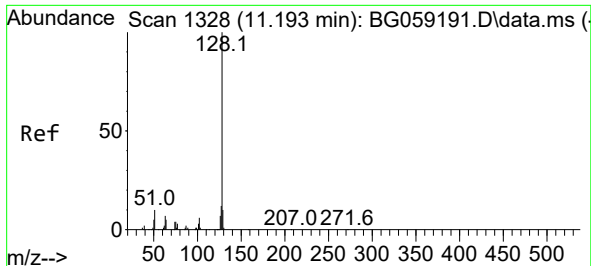
Tgt Ion:107 Resp: 3589
Ion Ratio Lower Upper
107 100
121 106.5 41.4 62.0#
122 16.3 80.6 120.8#



#29
2,4-Dichlorophenol
Concen: 1.722 ng/ul
RT: 10.756 min Scan# 1254
Delta R.T. -0.023 min
Lab File: BG059198.D
Acq: 26 Sep 2023 15:00

Tgt Ion:162 Resp: 4695
Ion Ratio Lower Upper
162 100
164 58.4 49.8 74.8
98 27.9 25.9 38.9

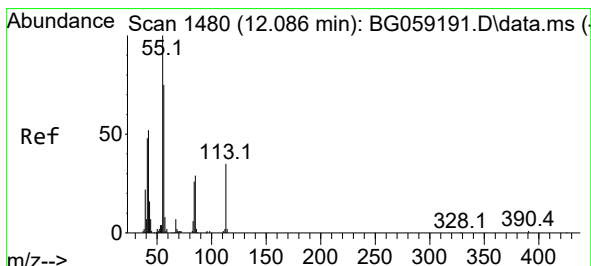
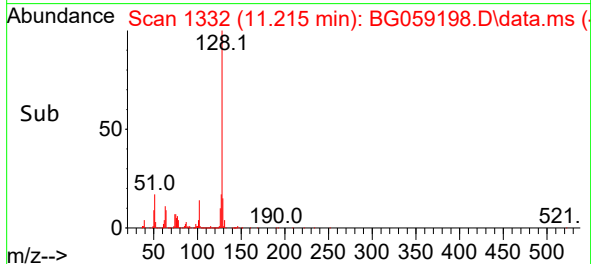
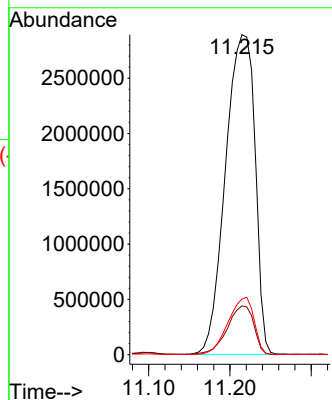
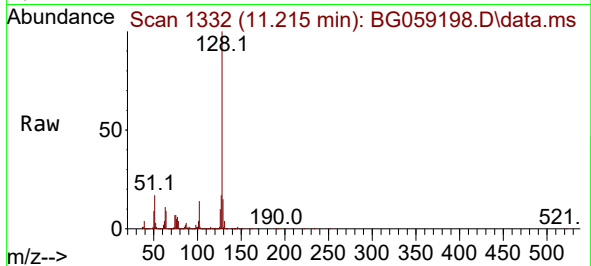




#30
Naphthalene
Concen: 747.579 ng/ul
RT: 11.215 min Scan# 11
Delta R.T. 0.012 min
Lab File: BG059198.D
Acq: 26 Sep 2023 15:00

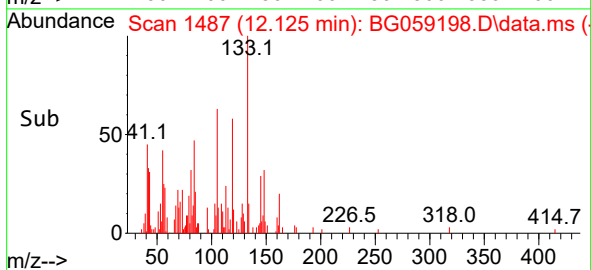
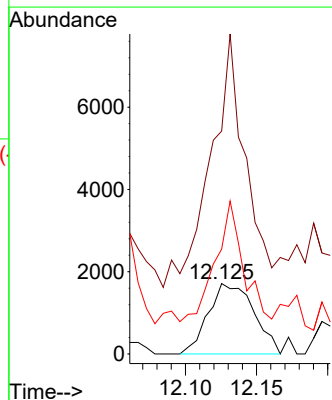
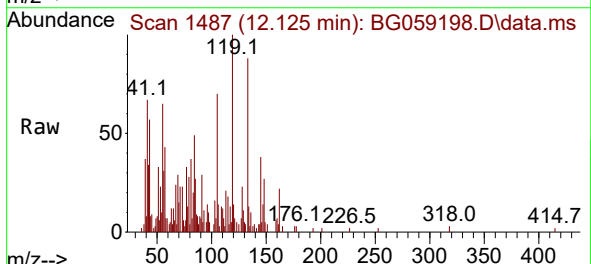
Instrument :
BNA_G
ClientSampleId :
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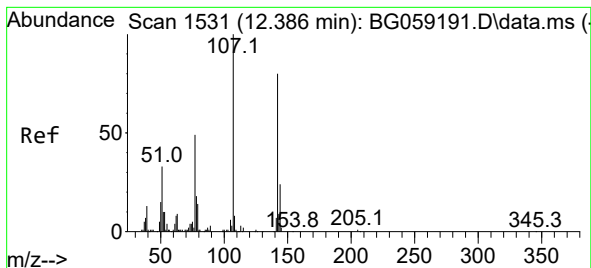
Tgt Ion:128 Resp: 7292715
Ion Ratio Lower Upper
128 100
129 15.3 8.4 12.6#
127 17.4 10.2 15.4#



#34
Caprolactam
Concen: 3.824 ng/ul
RT: 12.125 min Scan# 1487
Delta R.T. 0.024 min
Lab File: BG059198.D
Acq: 26 Sep 2023 15:00

Tgt Ion:113 Resp: 3819
Ion Ratio Lower Upper
113 100
55 316.6 157.6 236.4#
56 148.9 112.3 168.5

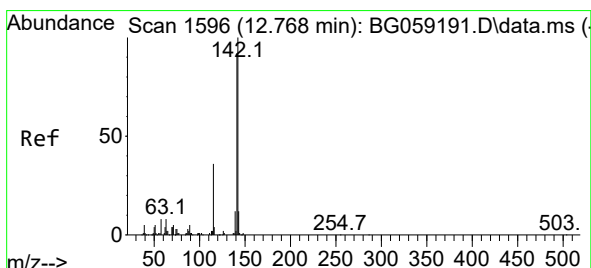
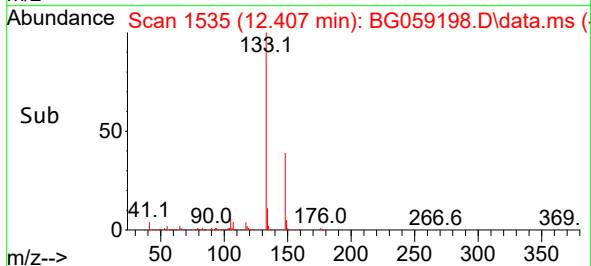
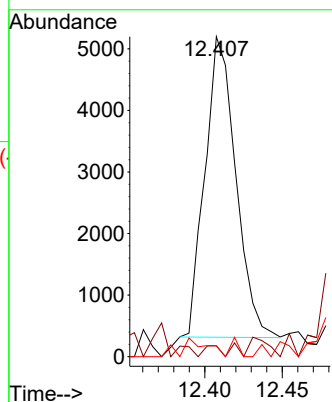
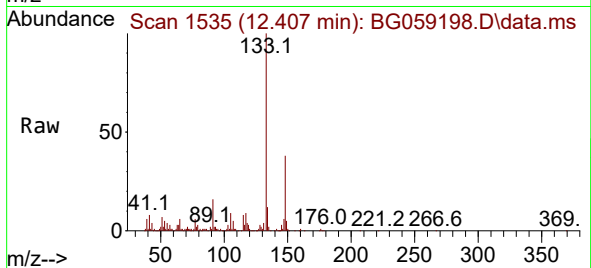




#35
4-Chloro-3-methylphenol
Concen: 2.350 ng/ul
RT: 12.407 min Scan# 1535
Delta R.T. 0.012 min
Lab File: BG059198.D
Acq: 26 Sep 2023 15:00

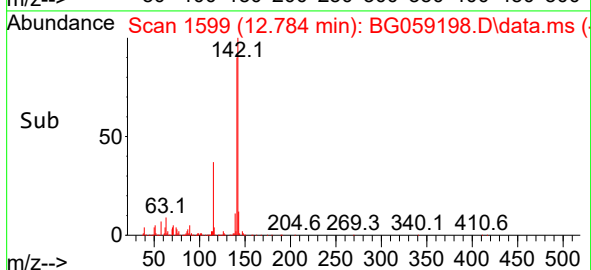
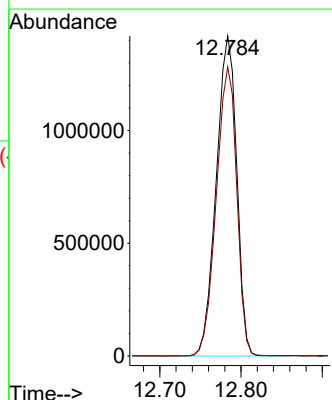
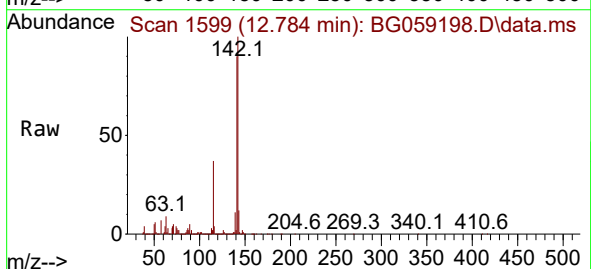
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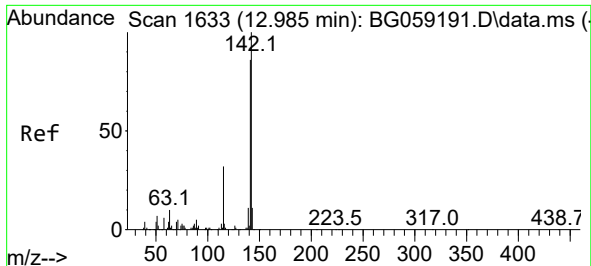
Tgt Ion:107 Resp: 6750
Ion Ratio Lower Upper
107 100
144 3.4 20.1 30.1#
142 3.4 62.7 94.1#



#36
2-Methylnaphthalene
Concen: 381.335 ng/ul
RT: 12.784 min Scan# 1599
Delta R.T. 0.001 min
Lab File: BG059198.D
Acq: 26 Sep 2023 15:00

Tgt Ion:142 Resp: 2484485
Ion Ratio Lower Upper
142 100
141 90.3 70.6 106.0





#37

1-Methylnaphthalene

Concen: 216.780 ng/ul

RT: 12.995 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG059198.D

Acq: 26 Sep 2023 15:00

Instrument :

BNA_G

ClientSampleId :

BBKA6

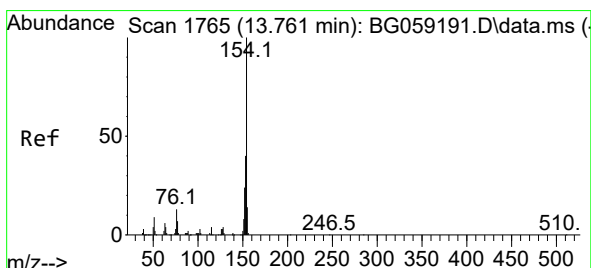
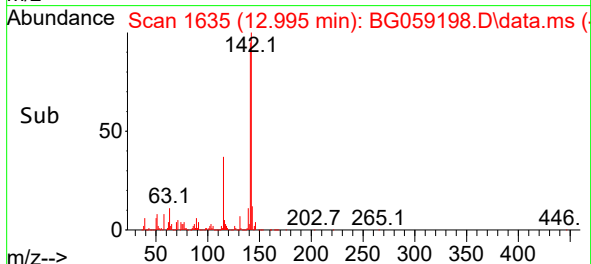
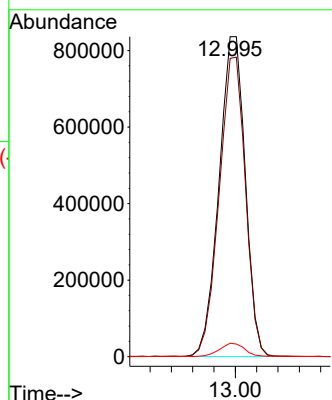
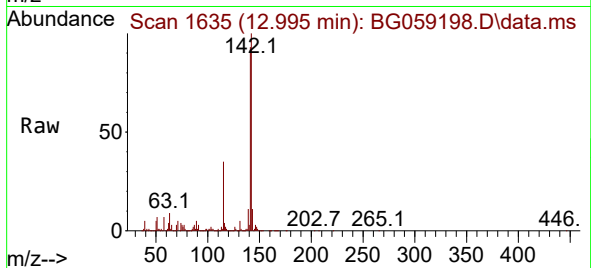
Tgt Ion:142 Resp: 1426724

Ion Ratio Lower Upper

142 100

141 93.2 72.0 108.0

116 4.2 2.7 4.1#



#43

1,1'-Biphenyl

Concen: 7.074 ng/ul

RT: 13.759 min Scan# 1765

Delta R.T. -0.011 min

Lab File: BG059198.D

Acq: 26 Sep 2023 15:00

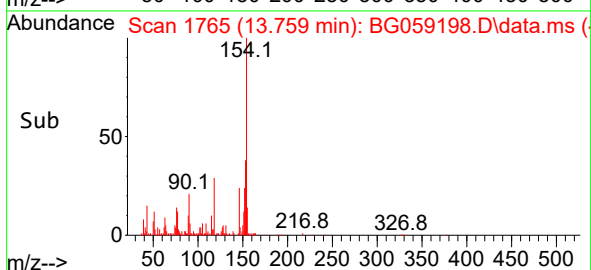
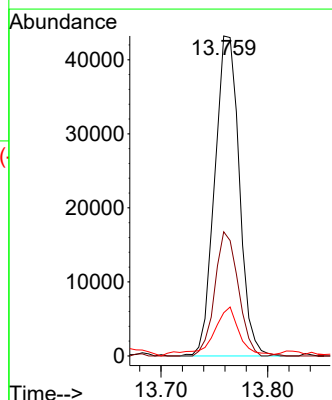
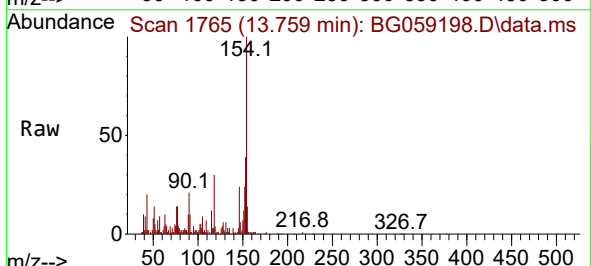
Tgt Ion:154 Resp: 69106

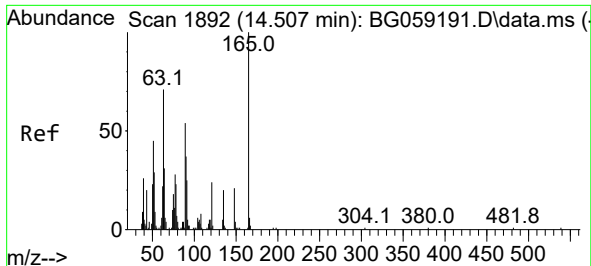
Ion Ratio Lower Upper

154 100

153 38.8 33.2 49.8

76 13.5 9.8 14.8

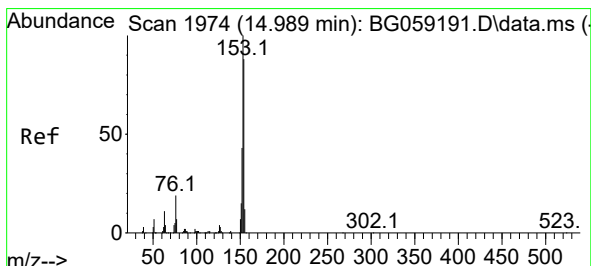
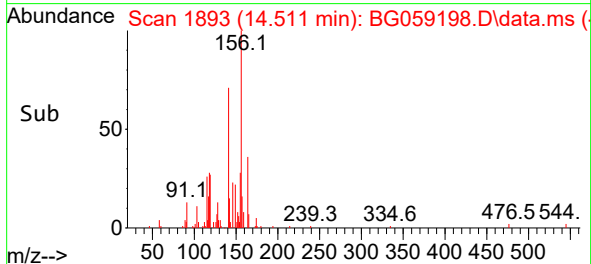
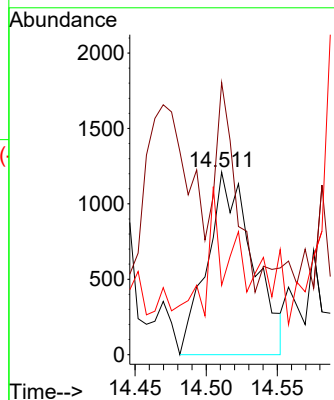
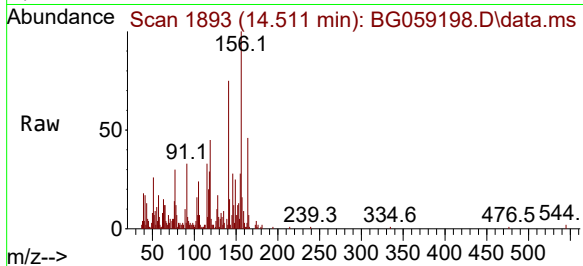




#48
2,6-Dinitrotoluene
Concen: 1.520 ng/ul
RT: 14.511 min Scan# 1893
Delta R.T. -0.011 min
Lab File: BG059198.D
Acq: 26 Sep 2023 15:00

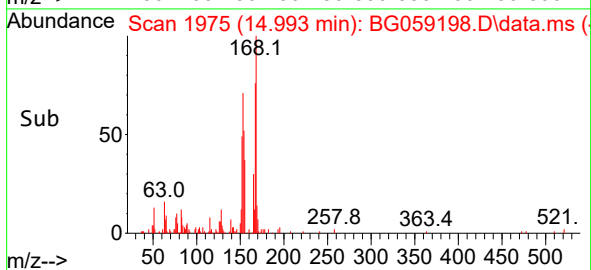
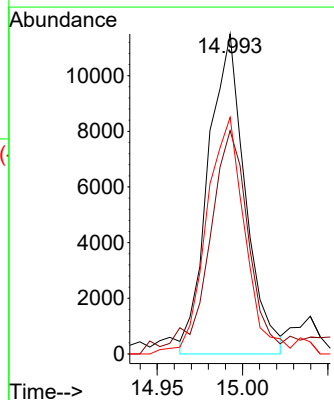
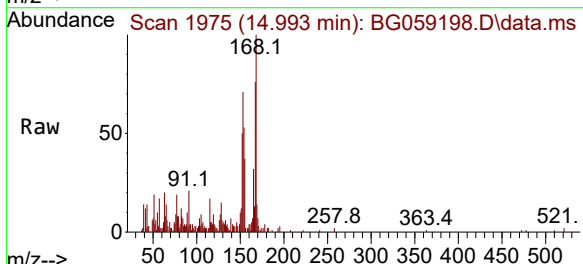
Instrument :
BNA_G
ClientSampleId :
BBKA6

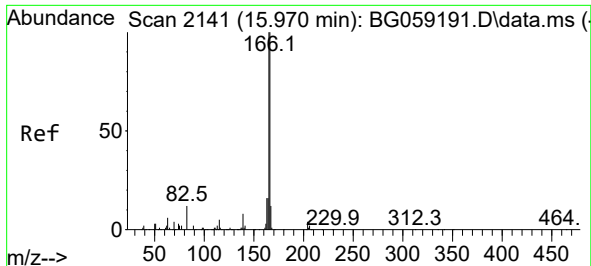
Tgt Ion:165 Resp: 2701
Ion Ratio Lower Upper
165 100
89 149.2 38.7 58.1#
121 38.0 13.4 20.0#



#52
Acenaphthene
Concen: 2.079 ng/ul
RT: 14.993 min Scan# 1975
Delta R.T. -0.005 min
Lab File: BG059198.D
Acq: 26 Sep 2023 15:00

Tgt Ion:153 Resp: 17263
Ion Ratio Lower Upper
153 100
152 69.8 36.0 54.0#
154 74.0 71.3 106.9

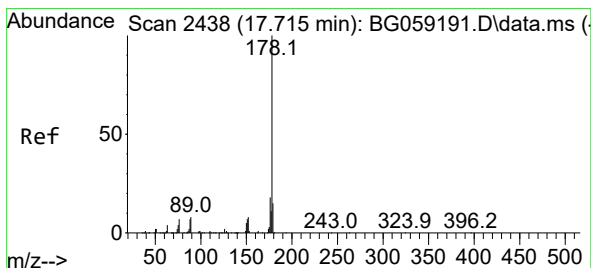
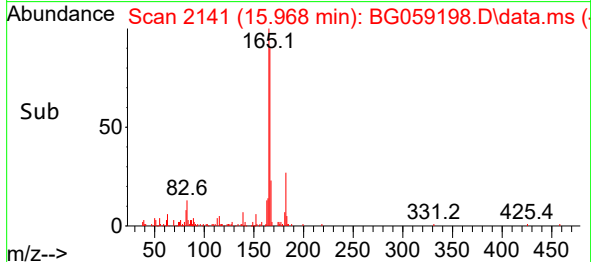
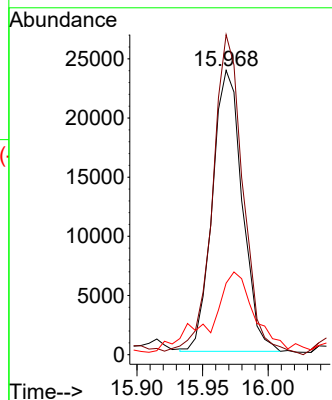
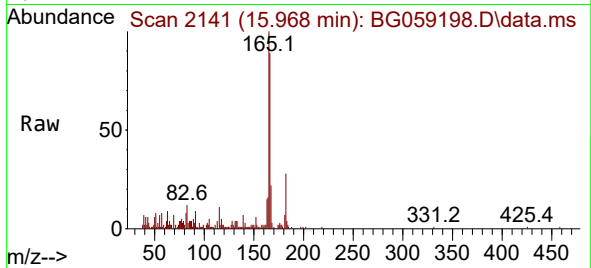




#61
Fluorene
Concen: 4.003 ng/ul
RT: 15.968 min Scan# 2141
Delta R.T. -0.011 min
Lab File: BG059198.D
Acq: 26 Sep 2023 15:00

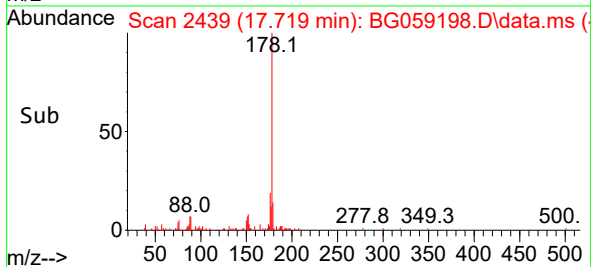
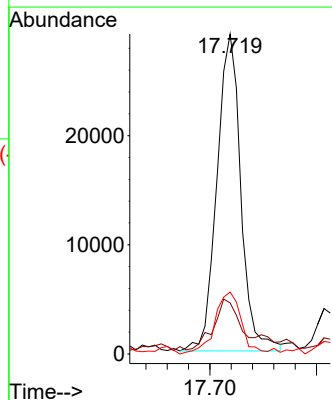
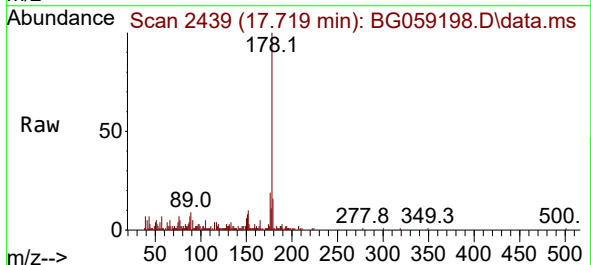
Instrument :
BNA_G
ClientSampleId :
BBKA6

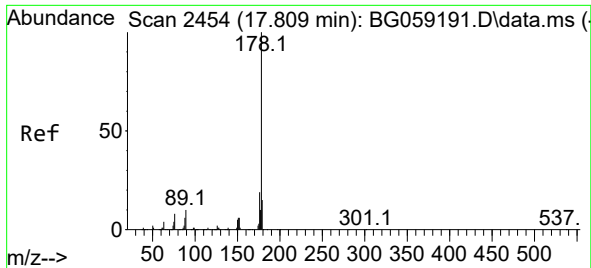
Tgt Ion:166 Resp: 37639
Ion Ratio Lower Upper
166 100
165 112.6 81.6 122.4
167 25.2 12.1 18.1#



#72
Phenanthrene
Concen: 2.917 ng/ul
RT: 17.719 min Scan# 2439
Delta R.T. -0.011 min
Lab File: BG059198.D
Acq: 26 Sep 2023 15:00

Tgt Ion:178 Resp: 45224
Ion Ratio Lower Upper
178 100
179 15.9 11.8 17.8
176 19.3 14.6 21.8





#74
 Anthracene
 Concen: 2.855 ng/ul
 RT: 17.719 min Scan# 24
 Delta R.T. -0.099 min
 Lab File: BG059198.D
 Acq: 26 Sep 2023 15:00

Instrument :
 BNA_G
 ClientSampleId :
 BBKA6

Tgt Ion:178 Resp: 45224
 Ion Ratio Lower Upper
 178 100
 179 15.9 12.4 18.6
 176 19.3 14.8 22.2

