

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
 Data File : BG059104.D
 Acq On : 20 Sep 2023 11:21
 Operator : MA/JU
 Sample : 04378-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BBJS5

Quant Time: Sep 20 23:57:47 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)

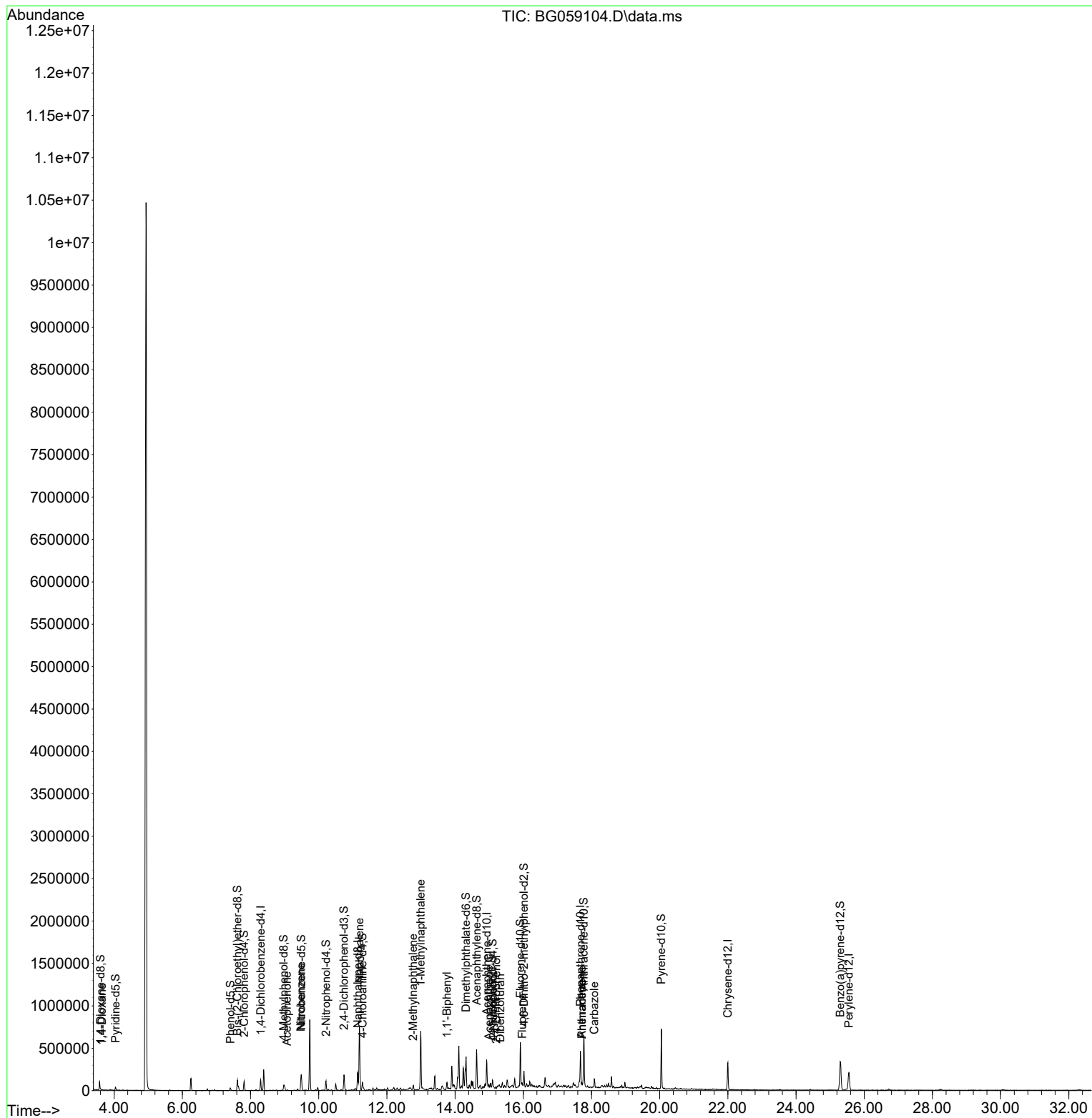
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.299	152	32476	20.000	ng/ul	# 0.00
20) Naphthalene-d8	11.143	136	168189	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.927	164	103810	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.677	188	229389	20.000	ng/ul	0.00
79) Chrysene-d12	22.001	240	198019	20.000	ng/ul	0.00
88) Perylene-d12	25.550	264	232874	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.605	96	2768	3.336	ng/uL	0.00
4) Pyridine-d5	4.046	84	18598	7.641	ng/ul	0.00
7) Phenol-d5	7.412	99	22488	7.042	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.618	67	54079	27.596	ng/ul	0.00
11) 2-Chlorophenol-d4	7.812	132	51623	21.906	ng/ul	0.00
15) 4-Methylphenol-d8	8.975	113	38347	15.078	ng/ul	0.00
21) Nitrobenzene-d5	9.492	128	36113	27.826	ng/ul	0.00
24) 2-Nitrophenol-d4	10.215	143	34396	26.235	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.744	165	65303	26.236	ng/ul	0.00
31) 4-Chloroaniline-d4	11.284	131	50293	12.946	ng/ul	0.00
46) Dimethylphthalate-d6	14.322	166	253366	31.735	ng/ul	0.00
49) Acenaphthylene-d8	14.633	160	284095	29.224	ng/ul	0.00
54) 4-Nitrophenol-d4	15.103	143	10602	7.279	ng/ul	0.00
60) Fluorene-d10	15.914	176	222030	30.382	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.020	200	41415	31.757	ng/ul	0.00
73) Anthracene-d10	17.777	188	346532	33.201	ng/ul	0.00
81) Pyrene-d10	20.050	212	383070	33.097	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.297	264	386161	33.960	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.646	88	1255	1.338	ng/uL#	83
16) Acetophenone	9.069	105	5542	1.415	ng/ul#	35
22) Nitrobenzene	9.480	77	3007	1.023	ng/ul#	10
30) Naphthalene	11.196	128	635137	70.571	ng/ul	98
36) 2-Methylnaphthalene	12.771	142	23590	3.925	ng/ul	95
37) 1-Methylnaphthalene	12.994	142	282859	46.585	ng/ul#	98
43) 1,1'-Biphenyl	13.764	154	33609	4.056	ng/ul	93
52) Acenaphthene	14.992	153	11788	1.674	ng/ul	95
53) 2,4-Dinitrophenol	15.209	184	1636	1.802	ng/ul#	57
55) 4-Nitrophenol	15.121	109	1035	1.075	ng/ul#	18
56) Dibenzofuran	15.326	168	10262	1.099	ng/ul	92
61) Fluorene	15.973	166	13070	1.639	ng/ul	95
72) Phenanthrene	17.718	178	21241	1.655	ng/ul	96
74) Anthracene	17.718	178	21000	1.601	ng/ul	97
77) Carbazole	18.082	167	68358	6.269	ng/ul	97

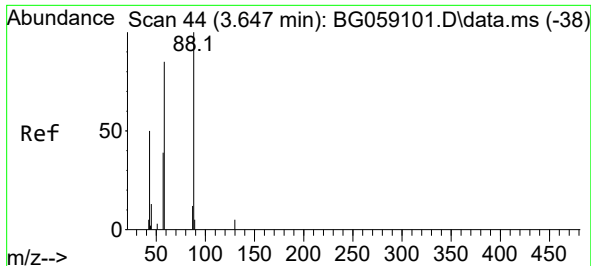
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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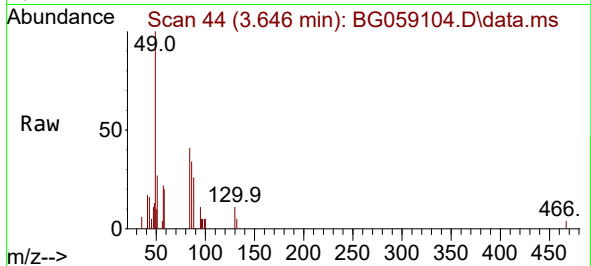
Quant Time: Sep 20 23:57:47 2023
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Quant Title : SVOA CALIBRATION
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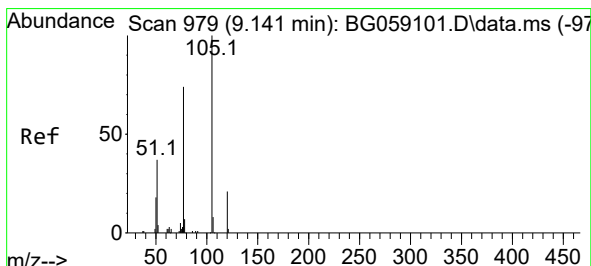
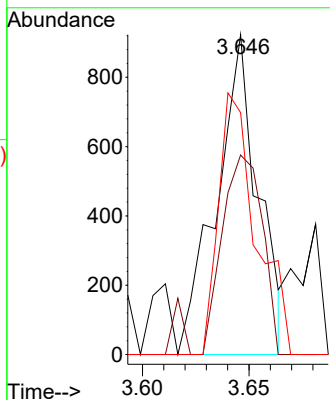
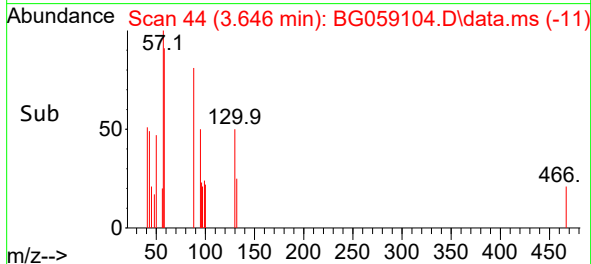


#2
1,4-Dioxane
Concen: 1.338 ng/uL
RT: 3.646 min Scan# 44
Delta R.T. -0.006 min
Lab File: BG059104.D
Acq: 20 Sep 2023 11:21

Instrument :
BNA_G
ClientSampleId :
BBJS5

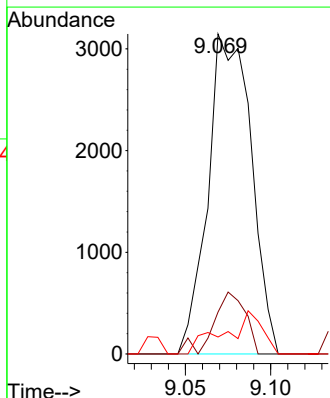
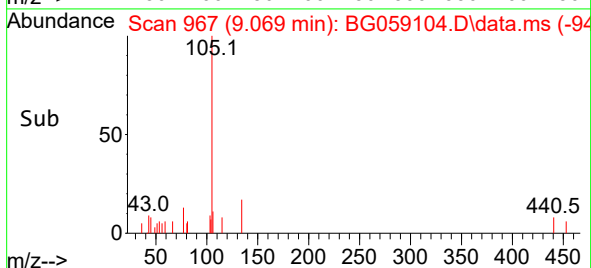
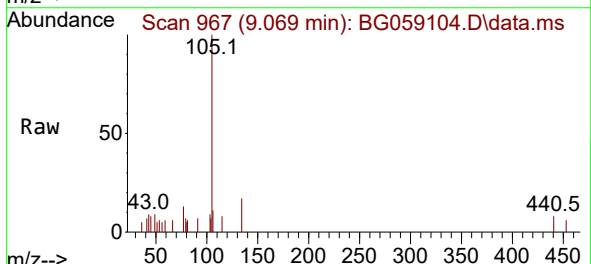


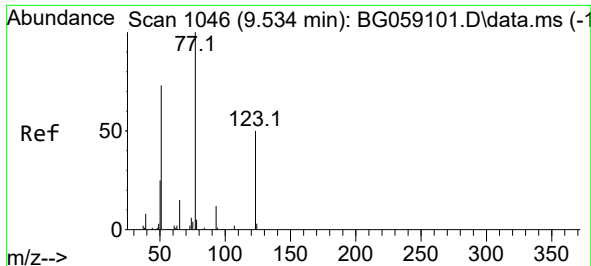
Tgt Ion: 88 Resp: 1255
Ion Ratio Lower Upper
88 100
43 62.4 24.5 36.7#
58 75.6 60.6 91.0



#16
Acetophenone
Concen: 1.415 ng/uL
RT: 9.069 min Scan# 967
Delta R.T. -0.071 min
Lab File: BG059104.D
Acq: 20 Sep 2023 11:21

Tgt Ion: 105 Resp: 5542
Ion Ratio Lower Upper
105 100
77 13.1 57.2 85.8#
51 5.3 31.6 47.4#





#22

Nitrobenzene

Concen: 1.023 ng/ul

RT: 9.480 min Scan# 1046

Delta R.T. -0.059 min

Lab File: BG059104.D

Acq: 20 Sep 2023 11:21

Instrument :

BNA_G

ClientSampleId :

BBJS5

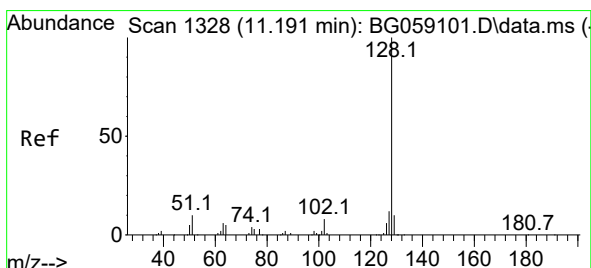
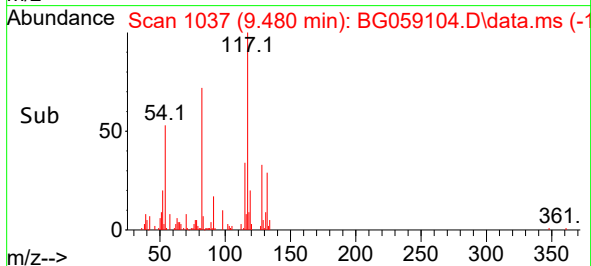
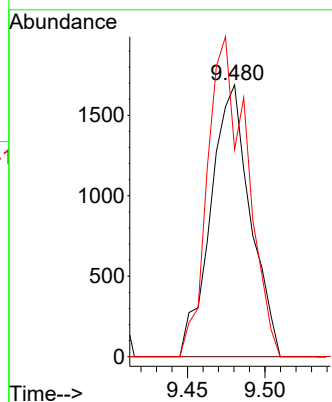
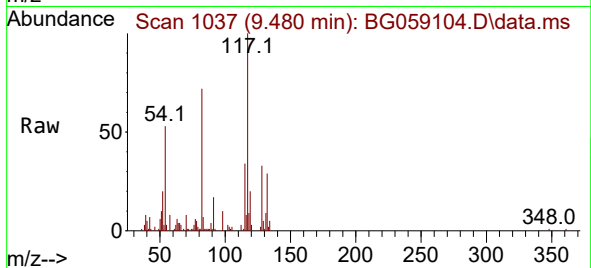
Tgt Ion: 77 Resp: 3007

Ion Ratio Lower Upper

77 100

123 0.0 41.8 62.8#

65 76.2 12.3 18.5#



#30

Naphthalene

Concen: 70.571 ng/ul

RT: 11.196 min Scan# 1329

Delta R.T. -0.001 min

Lab File: BG059104.D

Acq: 20 Sep 2023 11:21

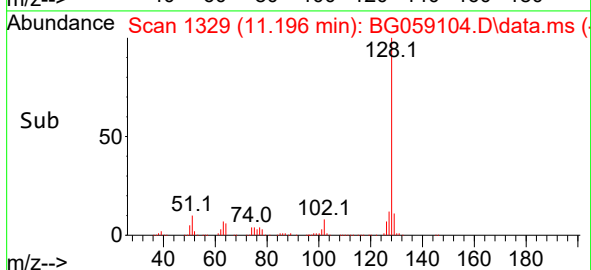
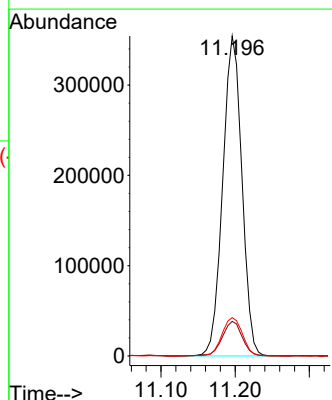
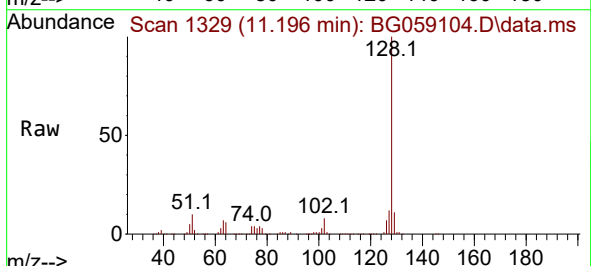
Tgt Ion:128 Resp: 635137

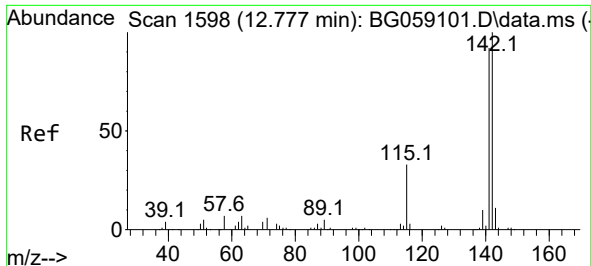
Ion Ratio Lower Upper

128 100

129 10.8 8.4 12.6

127 12.0 10.2 15.4

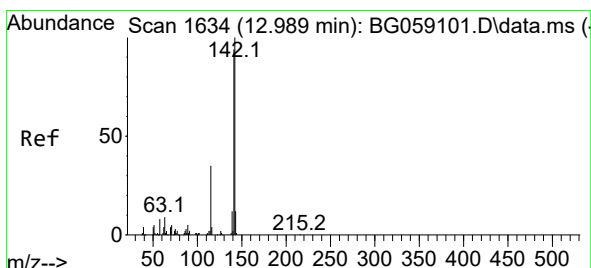
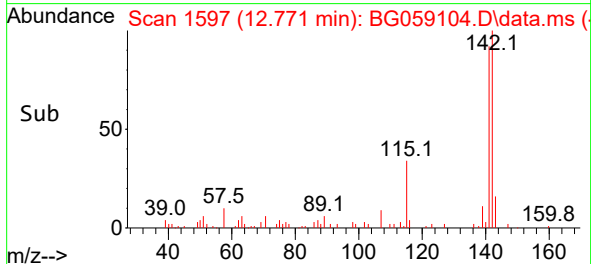
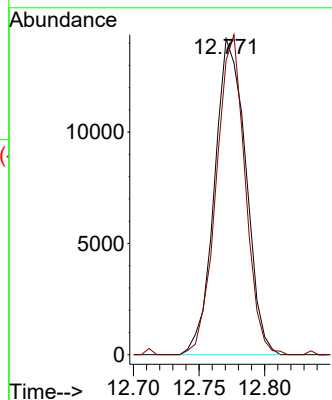
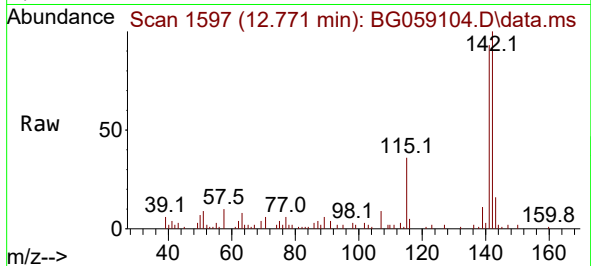




#36
2-Methylnaphthalene
Concen: 3.925 ng/ul
RT: 12.771 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG059104.D
Acq: 20 Sep 2023 11:21

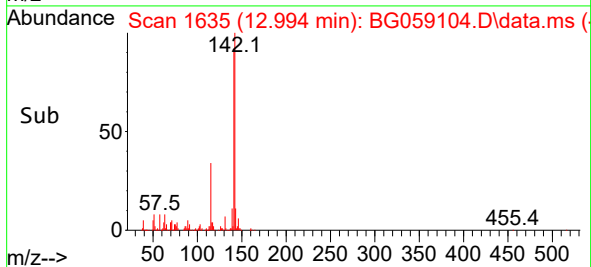
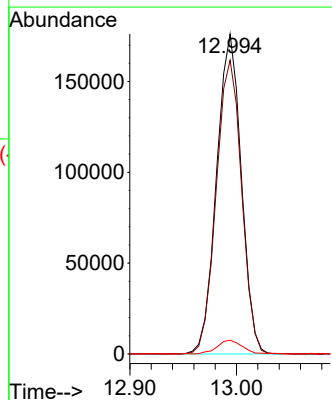
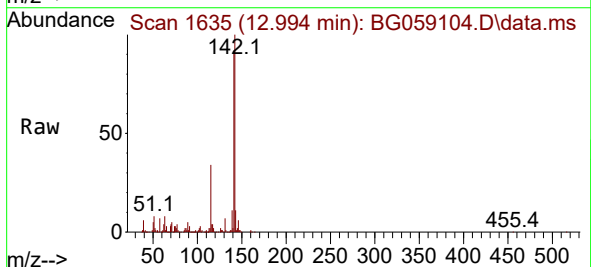
Instrument :
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ClientSampleId :
BBJS5

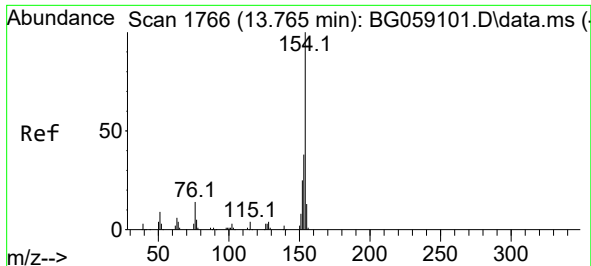
Tgt Ion:142 Resp: 23590
Ion Ratio Lower Upper
142 100
141 93.1 70.6 106.0



#37
1-Methylnaphthalene
Concen: 46.585 ng/ul
RT: 12.994 min Scan# 1635
Delta R.T. 0.005 min
Lab File: BG059104.D
Acq: 20 Sep 2023 11:21

Tgt Ion:142 Resp: 282859
Ion Ratio Lower Upper
142 100
141 91.8 72.0 108.0
116 4.3 2.7 4.1#

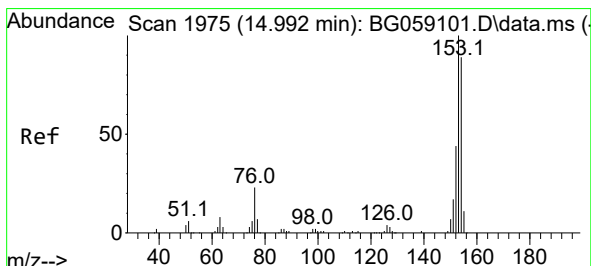
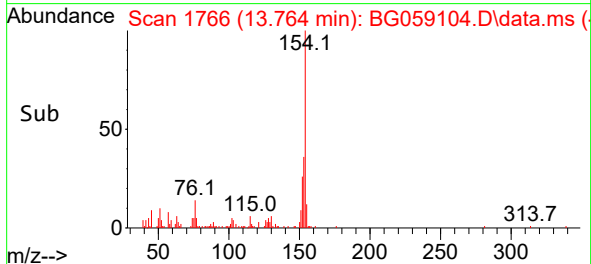
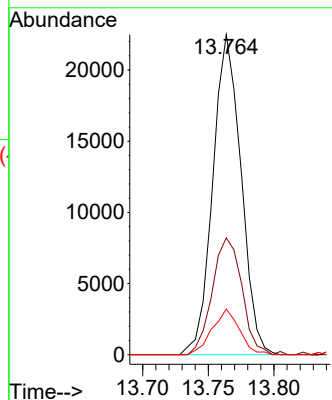
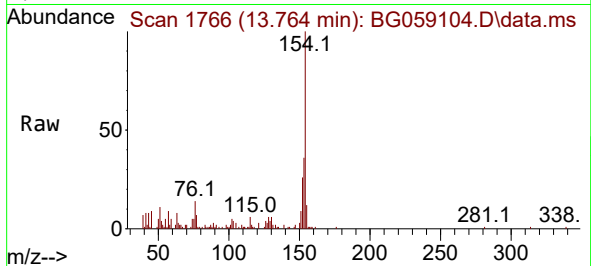




#43
1,1'-Biphenyl
Concen: 4.056 ng/ul
RT: 13.764 min Scan# 1766
Delta R.T. -0.001 min
Lab File: BG059104.D
Acq: 20 Sep 2023 11:21

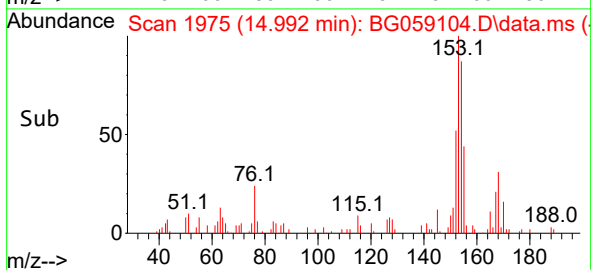
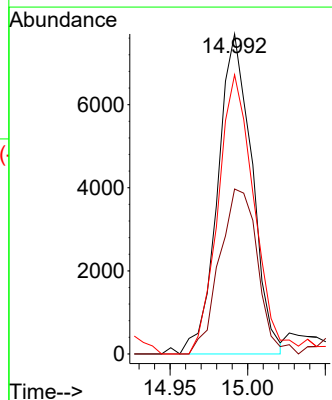
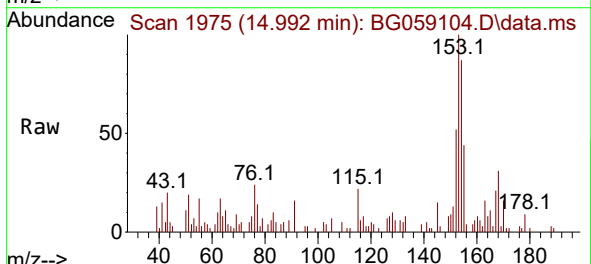
Instrument :
BNA_G
ClientSampleId :
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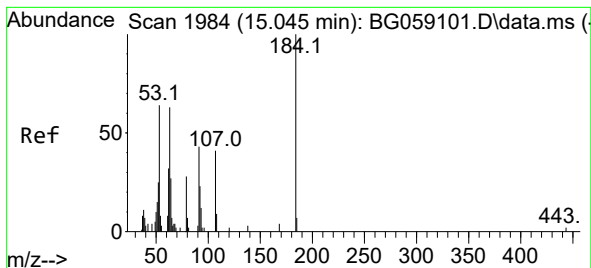
Tgt Ion:154 Resp: 33609
Ion Ratio Lower Upper
154 100
153 36.5 33.2 49.8
76 14.3 9.8 14.8



#52
Acenaphthene
Concen: 1.674 ng/ul
RT: 14.992 min Scan# 1975
Delta R.T. -0.001 min
Lab File: BG059104.D
Acq: 20 Sep 2023 11:21

Tgt Ion:153 Resp: 11788
Ion Ratio Lower Upper
153 100
152 51.6 36.0 54.0
154 87.2 71.3 106.9

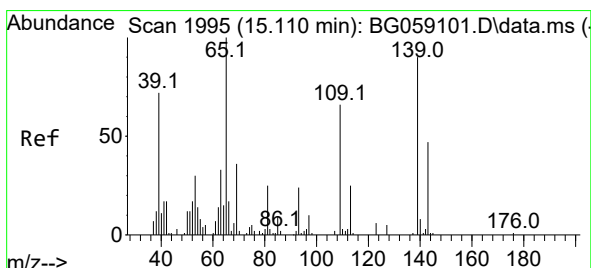
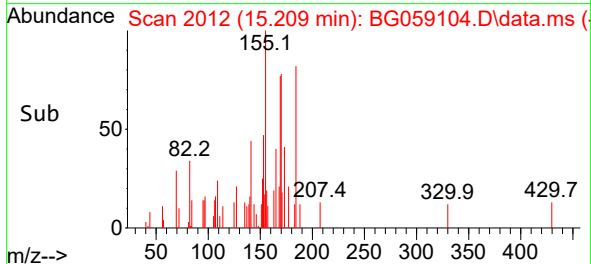
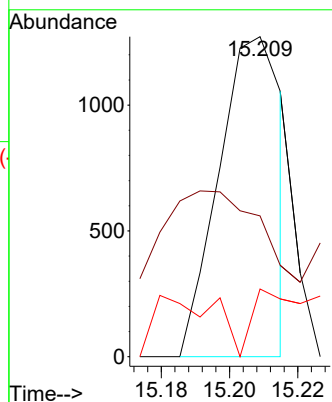
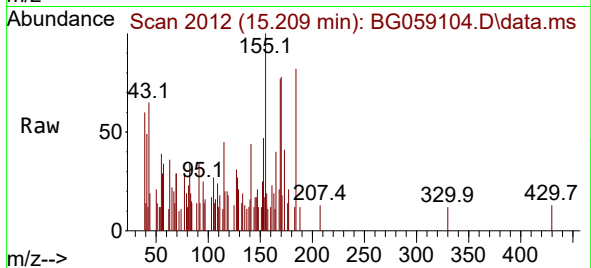




#53
2,4-Dinitrophenol
Concen: 1.802 ng/ul
RT: 15.209 min Scan# 20
Delta R.T. 0.170 min
Lab File: BG059104.D
Acq: 20 Sep 2023 11:21

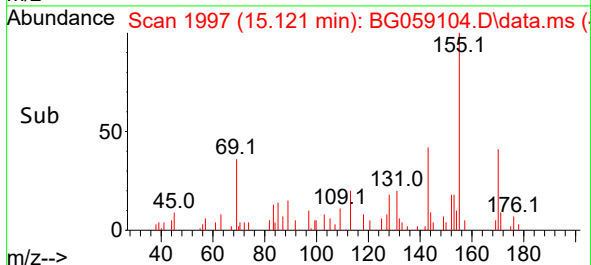
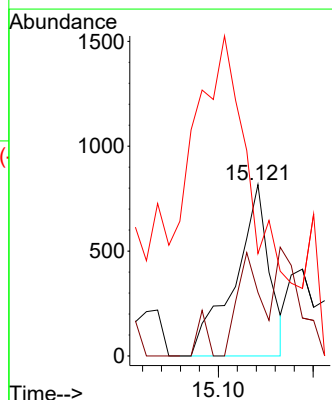
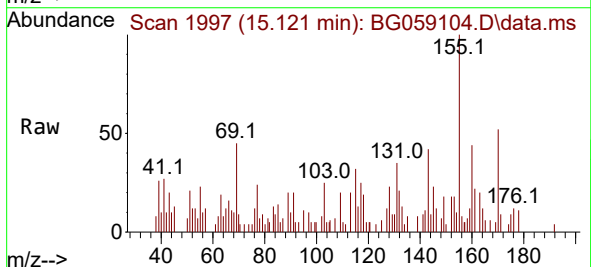
Instrument :
BNA_G
ClientSampleId :
BBJS5

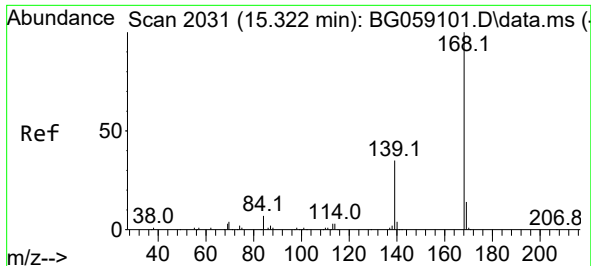
Tgt Ion:184 Resp: 1636
Ion Ratio Lower Upper
184 100
63 44.0 53.5 80.3#
154 21.1 54.6 81.8#



#55
4-Nitrophenol
Concen: 1.075 ng/ul
RT: 15.121 min Scan# 1997
Delta R.T. 0.011 min
Lab File: BG059104.D
Acq: 20 Sep 2023 11:21

Tgt Ion:109 Resp: 1035
Ion Ratio Lower Upper
109 100
139 37.1 114.5 171.7#
65 59.7 132.1 198.1#

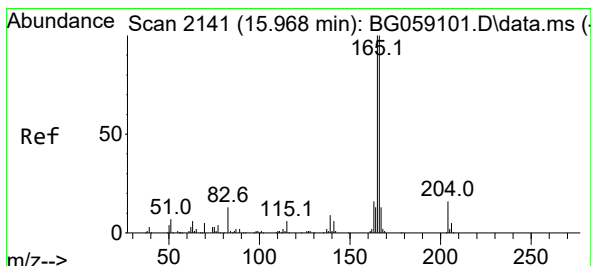
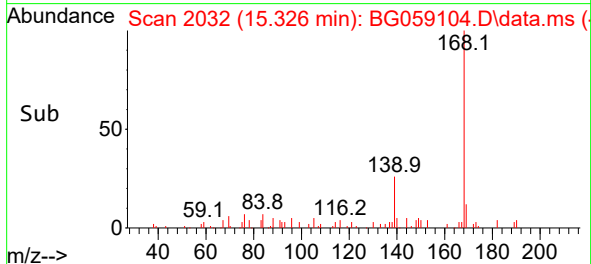
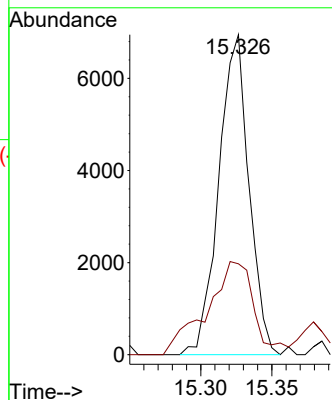
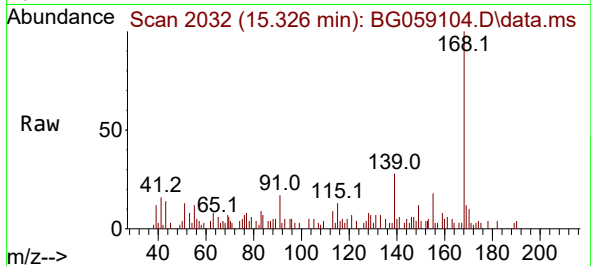




#56
Dibenzenofuran
Concen: 1.099 ng/ul
RT: 15.326 min Scan# 2031
Delta R.T. -0.001 min
Lab File: BG059104.D
Acq: 20 Sep 2023 11:21

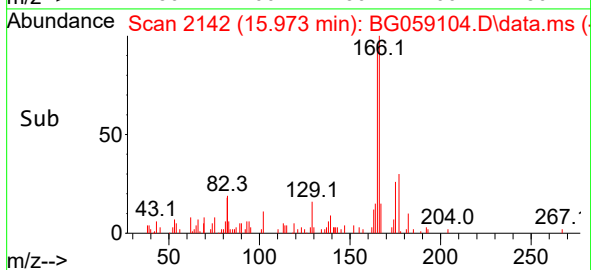
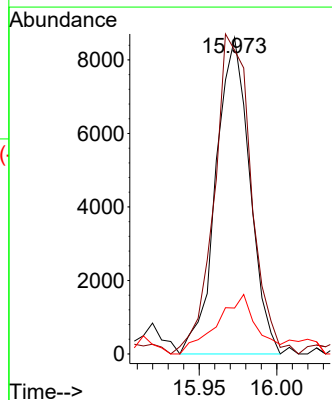
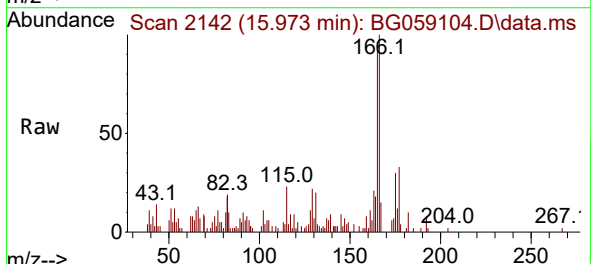
Instrument :
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ClientSampleId :
BBJS5

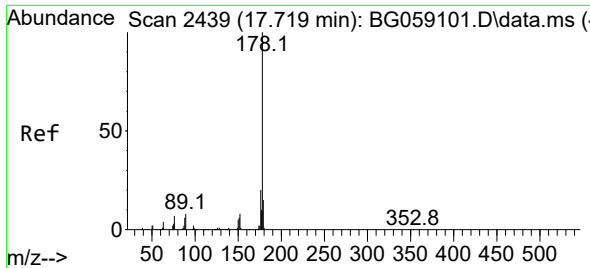
Tgt Ion:168 Resp: 10262
Ion Ratio Lower Upper
168 100
139 28.4 26.3 39.5



#61
Fluorene
Concen: 1.639 ng/ul
RT: 15.973 min Scan# 2142
Delta R.T. -0.001 min
Lab File: BG059104.D
Acq: 20 Sep 2023 11:21

Tgt Ion:166 Resp: 13070
Ion Ratio Lower Upper
166 100
165 96.1 81.6 122.4
167 14.5 12.1 18.1

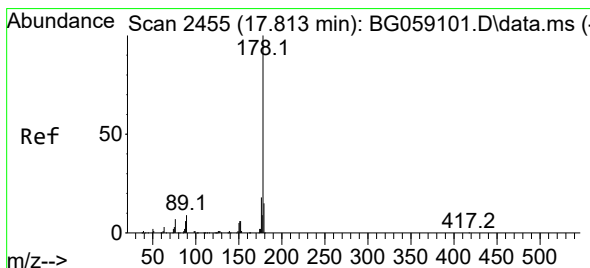
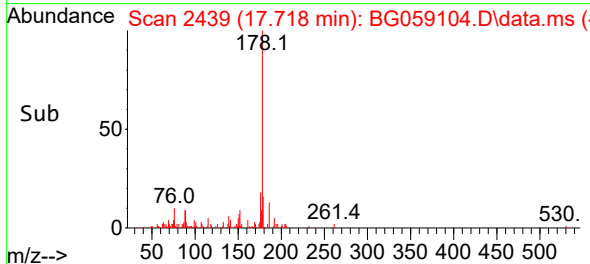
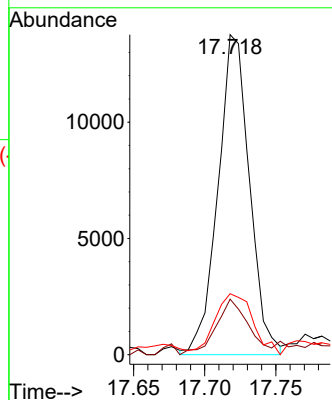
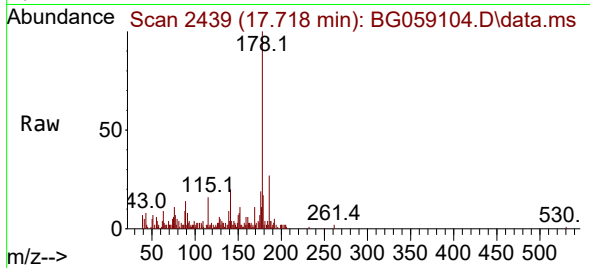




#72
Phenanthrene
Concen: 1.655 ng/ul
RT: 17.718 min Scan# 2439
Delta R.T. -0.001 min
Lab File: BG059104.D
Acq: 20 Sep 2023 11:21

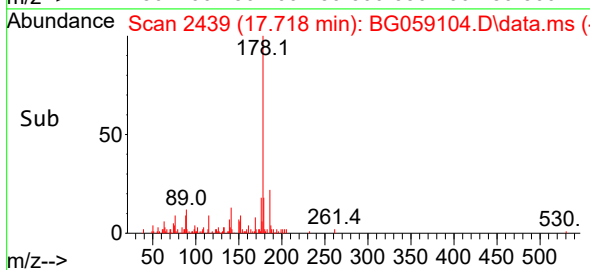
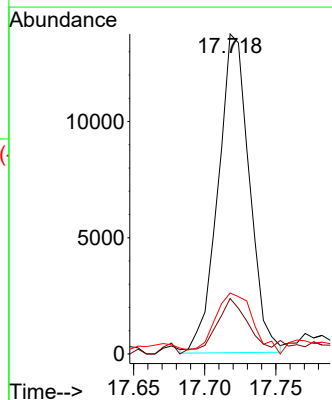
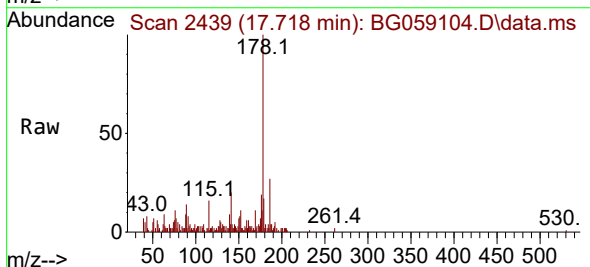
Instrument :
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ClientSampleId :
BBJS5

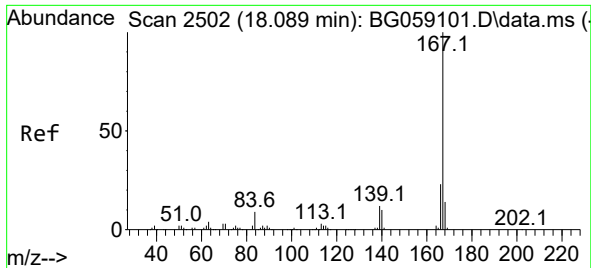
Tgt Ion:178 Resp: 21241
Ion Ratio Lower Upper
178 100
179 17.4 11.8 17.8
176 19.0 14.6 21.8



#74
Anthracene
Concen: 1.601 ng/ul
RT: 17.718 min Scan# 2439
Delta R.T. -0.095 min
Lab File: BG059104.D
Acq: 20 Sep 2023 11:21

Tgt Ion:178 Resp: 21000
Ion Ratio Lower Upper
178 100
179 17.4 12.4 18.6
176 19.0 14.8 22.2





#77
 Carbazole
 Concen: 6.269 ng/ul
 RT: 18.082 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG059104.D
 Acq: 20 Sep 2023 11:21

Instrument :
 BNA_G
 ClientSampleId :
 BBJ55

Tgt Ion:167 Resp: 68358
 Ion Ratio Lower Upper
 167 100
 166 21.5 16.7 25.1
 139 13.7 9.4 14.0

