

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100323\
 Data File : BG059265.D
 Acq On : 3 Oct 2023 15:11
 Operator : MA/JU
 Sample : 04480-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BBK42

Quant Time: Oct 03 23:52:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 04:33:25 2023
 Response via : Initial Calibration

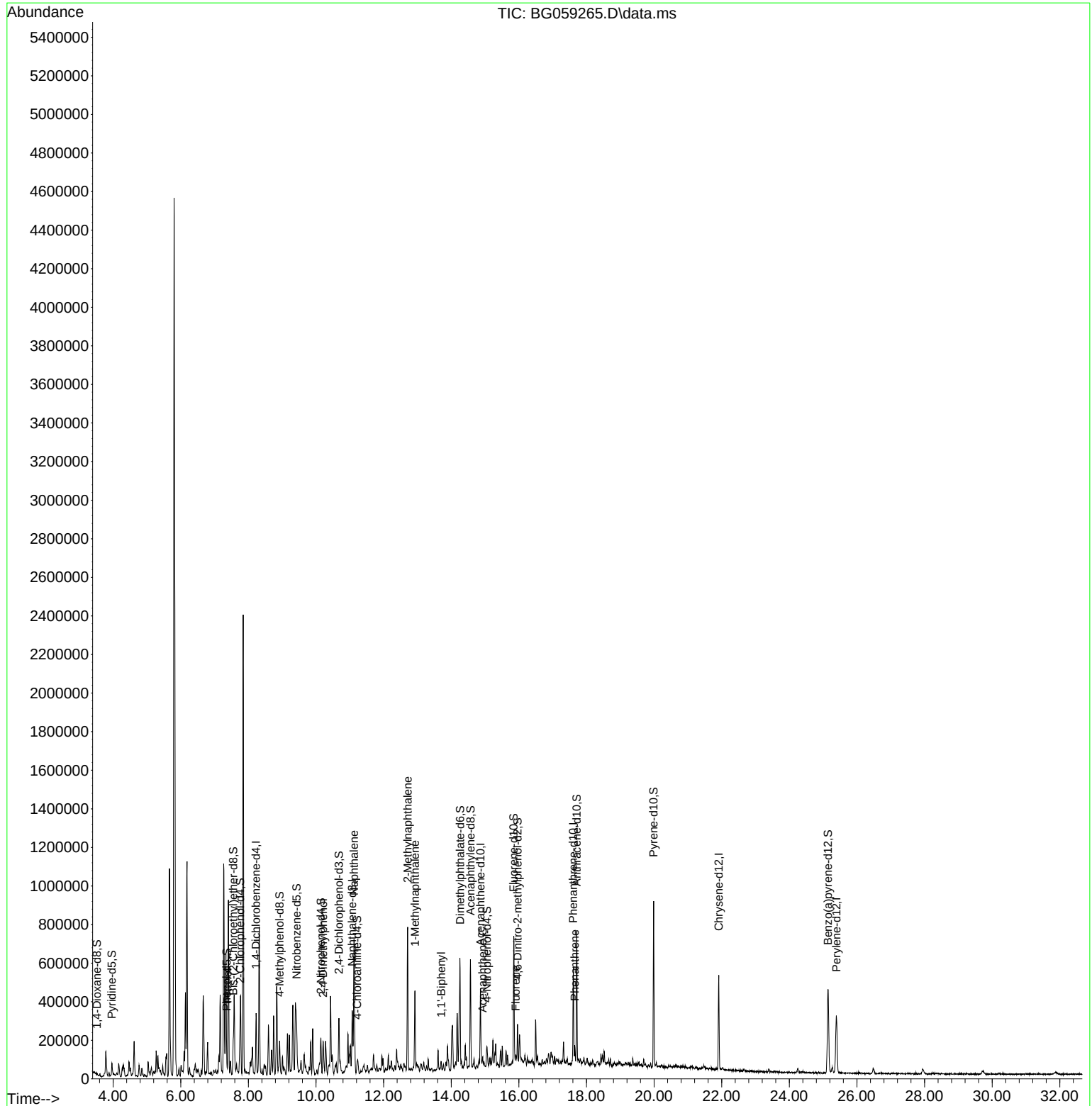
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.230	152	46375	20.000	ng/ul	# 0.00
20) Naphthalene-d8	11.073	136	223642	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.869	164	135484	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.613	188	303029	20.000	ng/ul	0.00
79) Chrysene-d12	21.914	240	290040	20.000	ng/ul	0.00
88) Perylene-d12	25.392	264	339042	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.523	96	4354	3.543	ng/uL	0.00
4) Pyridine-d5	3.964	84	29825	8.319	ng/ul	0.00
7) Phenol-d5	7.360	99	29210	6.293	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.554	67	78634	26.517	ng/ul	0.00
11) 2-Chlorophenol-d4	7.754	132	66928	21.448	ng/ul	0.00
15) 4-Methylphenol-d8	8.923	113	48344	13.473	ng/ul	0.00
21) Nitrobenzene-d5	9.428	128	48247	30.572	ng/ul	0.00
24) 2-Nitrophenol-d4	10.145	143	46127	29.774	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.680	165	87282	27.425	ng/ul	0.00
31) 4-Chloroaniline-d4	11.214	131	23171	4.500	ng/ul	0.00
46) Dimethylphthalate-d6	14.264	166	303304	30.964	ng/ul	0.00
49) Acenaphthylene-d8	14.569	160	350645	28.519	ng/ul	0.00
54) 4-Nitrophenol-d4	15.057	143	9810	5.735	ng/ul	0.00
60) Fluorene-d10	15.850	176	280881	30.128	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.962	200	46800	30.046	ng/ul	0.00
73) Anthracene-d10	17.713	188	397743	28.806	ng/ul	0.00
81) Pyrene-d10	19.986	212	473905	29.177	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.145	264	478840	29.390	ng/ul	-0.02
Target Compounds						
					Qvalue	
8) Phenol	7.389	94	12569	2.722	ng/ul#	66
26) 2,4-Dimethylphenol	10.210	107	17050	4.671	ng/ul	85
30) Naphthalene	11.126	128	509291	42.473	ng/ul#	96
36) 2-Methylnaphthalene	12.713	142	358523	45.641	ng/ul	98
37) 1-Methylnaphthalene	12.930	142	186529	23.396	ng/ul#	99
43) 1,1'-Biphenyl	13.706	154	13632	1.246	ng/ul#	94
52) Acenaphthene	14.934	153	11012	1.222	ng/ul#	77
61) Fluorene	15.909	166	19333	1.928	ng/ul#	90
72) Phenanthrene	17.654	178	55632	3.345	ng/ul	96

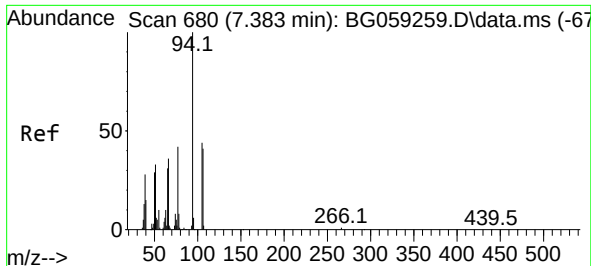
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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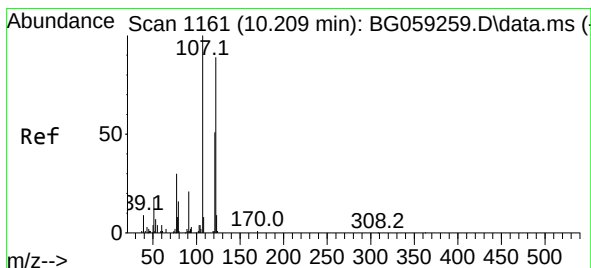
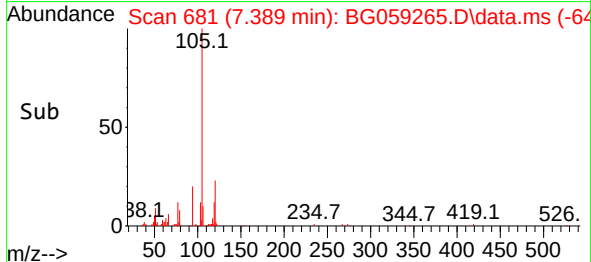
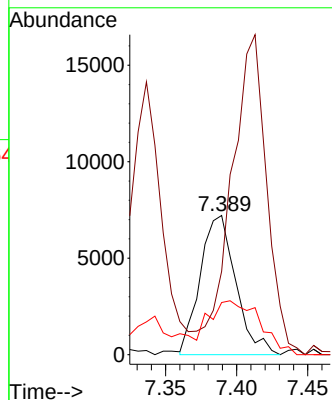
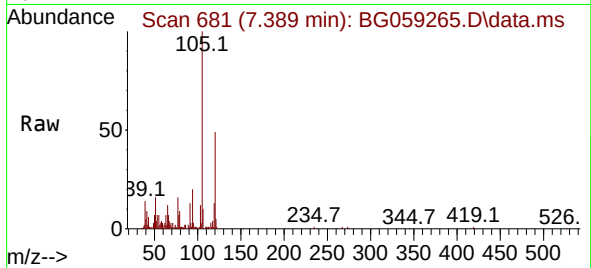




#8
Phenol
Concen: 2.722 ng/ul
RT: 7.389 min Scan# 680
Delta R.T. 0.004 min
Lab File: BG059265.D
Acq: 3 Oct 2023 15:11

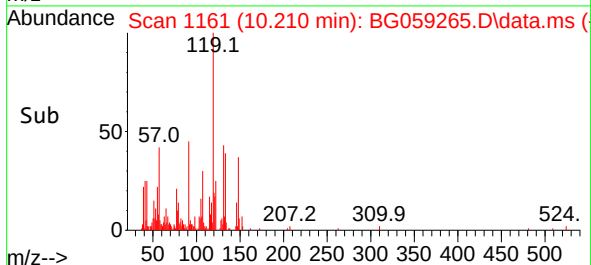
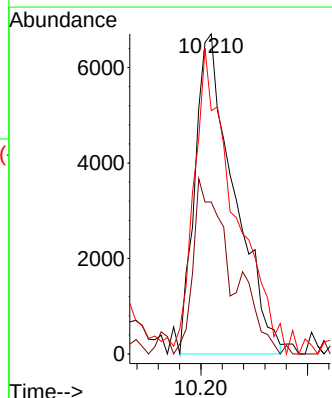
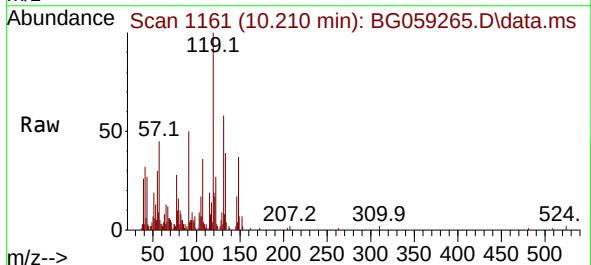
Instrument :
BNA_G
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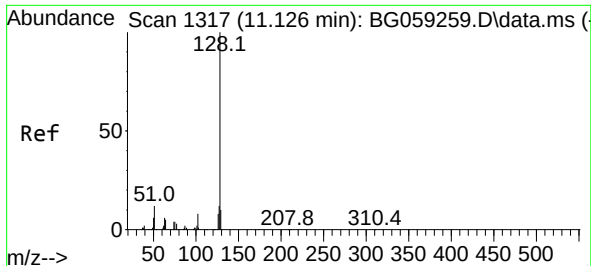
Tgt Ion: 94 Resp: 12569
Ion Ratio Lower Upper
94 100
65 59.9 23.6 35.4#
66 37.5 24.6 37.0#



#26
2,4-Dimethylphenol
Concen: 4.671 ng/ul
RT: 10.210 min Scan# 1161
Delta R.T. -0.002 min
Lab File: BG059265.D
Acq: 3 Oct 2023 15:11

Tgt Ion: 107 Resp: 17050
Ion Ratio Lower Upper
107 100
121 47.5 42.3 63.5
122 76.0 75.2 112.8

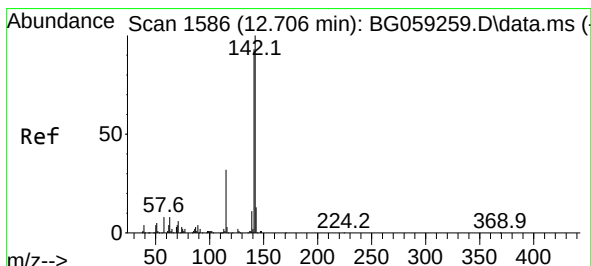
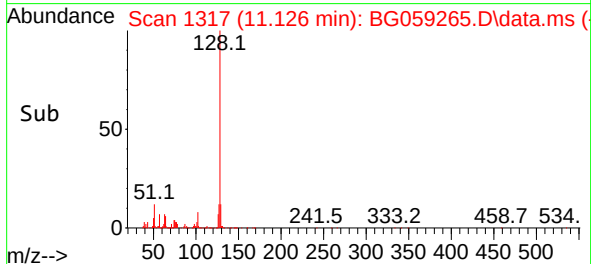
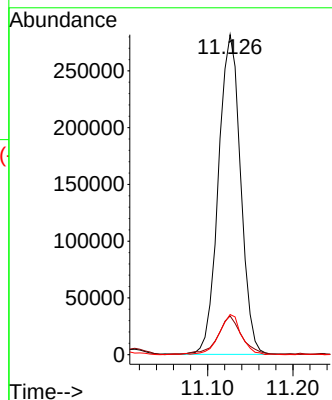
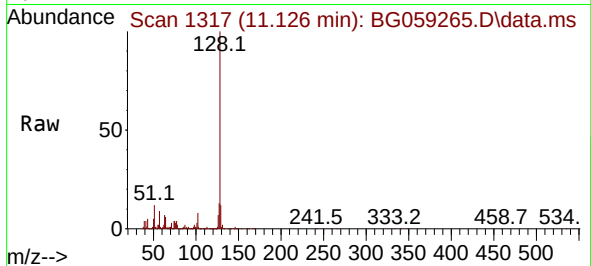




#30
Naphthalene
Concen: 42.473 ng/ul
RT: 11.126 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG059265.D
Acq: 3 Oct 2023 15:11

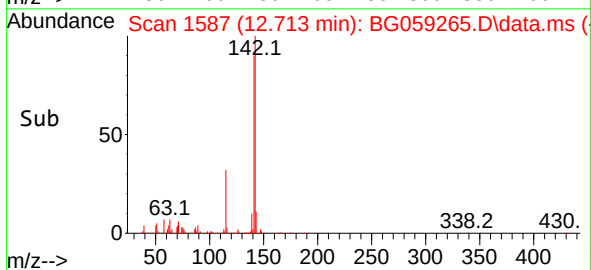
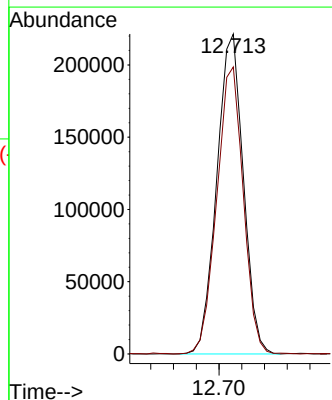
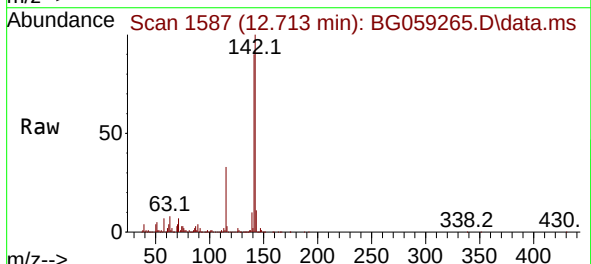
Instrument :
BNA_G
ClientSampleId :
BBK42

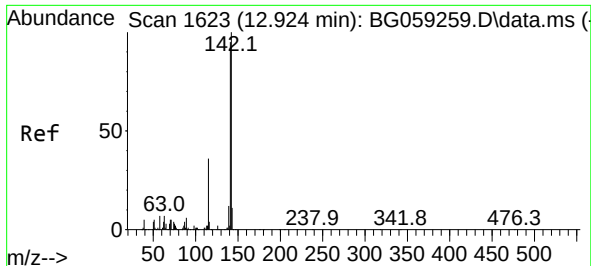
Tgt Ion:128 Resp: 509291
Ion Ratio Lower Upper
128 100
129 12.1 8.0 12.0#
127 12.6 11.1 16.7



#36
2-Methylnaphthalene
Concen: 45.641 ng/ul
RT: 12.713 min Scan# 1587
Delta R.T. -0.002 min
Lab File: BG059265.D
Acq: 3 Oct 2023 15:11

Tgt Ion:142 Resp: 358523
Ion Ratio Lower Upper
142 100
141 89.7 70.2 105.2





#37

1-Methylnaphthalene

Concen: 23.396 ng/ul

RT: 12.930 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG059265.D

Acq: 3 Oct 2023 15:11

Instrument :

BNA_G

ClientSampleId :

BBK42

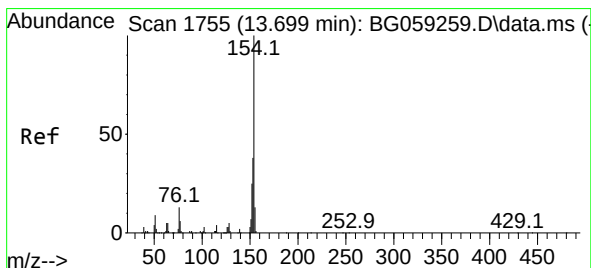
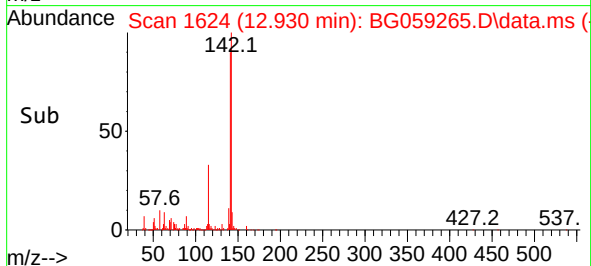
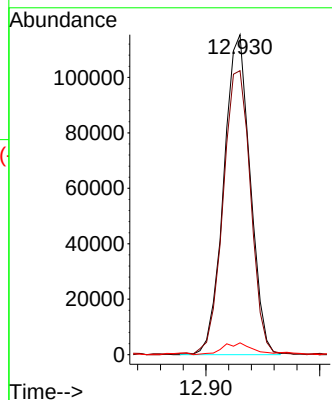
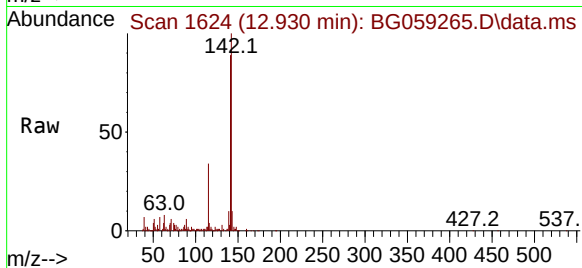
Tgt Ion:142 Resp: 186529

Ion Ratio Lower Upper

142 100

141 88.7 71.6 107.4

116 3.7 2.3 3.5#



#43

1,1'-Biphenyl

Concen: 1.246 ng/ul

RT: 13.706 min Scan# 1756

Delta R.T. -0.002 min

Lab File: BG059265.D

Acq: 3 Oct 2023 15:11

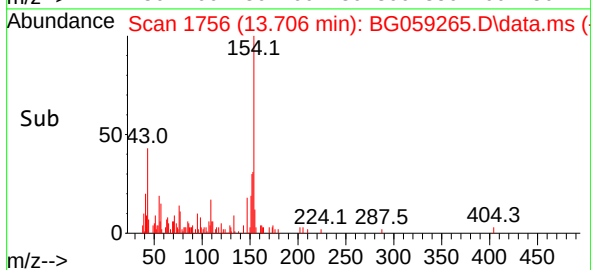
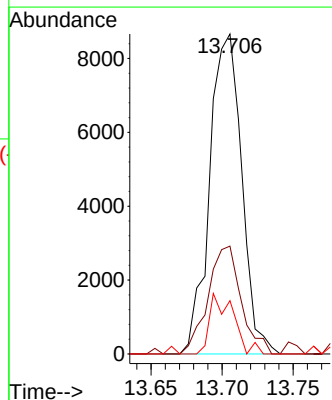
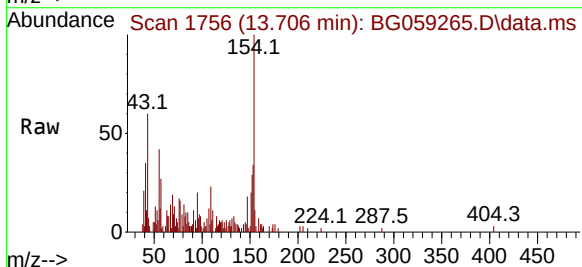
Tgt Ion:154 Resp: 13632

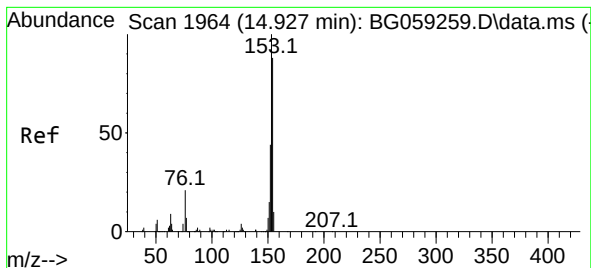
Ion Ratio Lower Upper

154 100

153 33.7 29.2 43.8

76 16.7 10.1 15.1#





#52

Acenaphthene

Concen: 1.222 ng/ul

RT: 14.934 min Scan# 1965

Delta R.T. -0.002 min

Lab File: BG059265.D

Acq: 3 Oct 2023 15:11

Instrument :

BNA_G

ClientSampleId :

BBK42

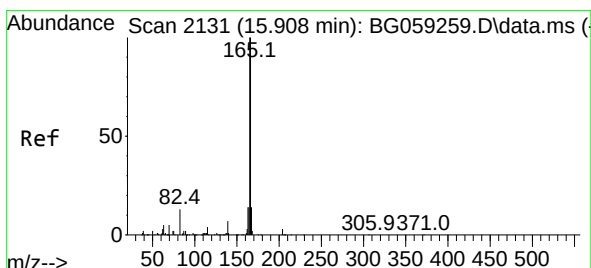
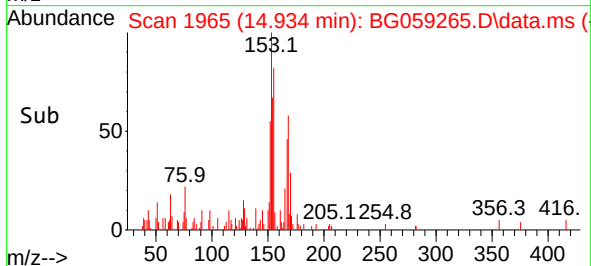
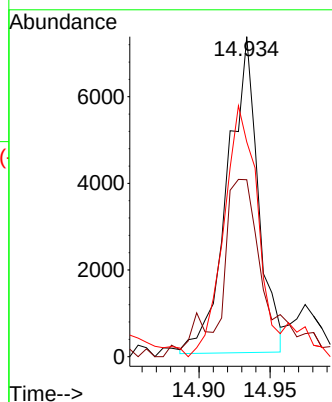
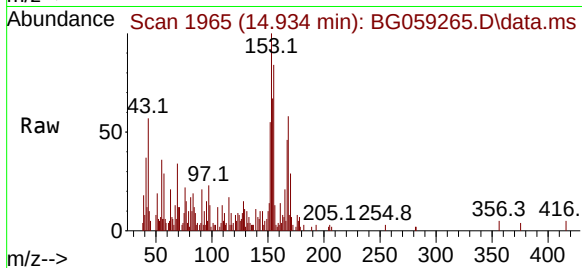
Tgt Ion:153 Resp: 11012

Ion Ratio Lower Upper

153 100

152 55.3 38.5 57.7

154 67.1 76.3 114.5#



#61

Fluorene

Concen: 1.928 ng/ul

RT: 15.909 min Scan# 2131

Delta R.T. -0.002 min

Lab File: BG059265.D

Acq: 3 Oct 2023 15:11

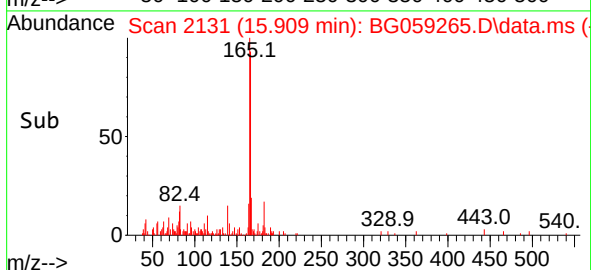
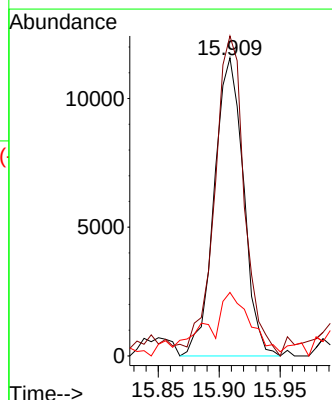
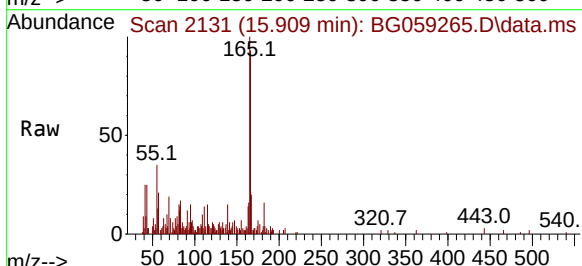
Tgt Ion:166 Resp: 19333

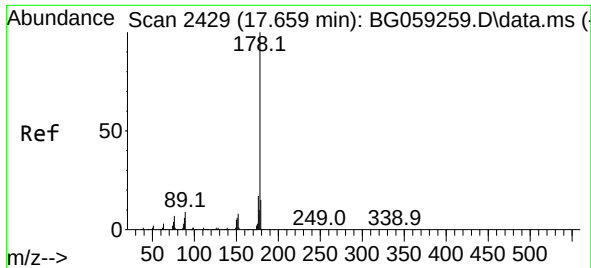
Ion Ratio Lower Upper

166 100

165 107.4 78.6 118.0

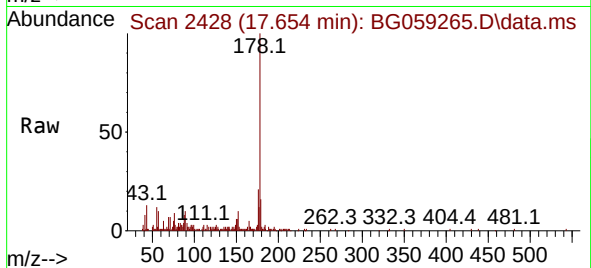
167 21.3 11.8 17.8#





#72
 Phenanthrene
 Concen: 3.345 ng/ul
 RT: 17.654 min Scan# 24
 Delta R.T. -0.007 min
 Lab File: BG059265.D
 Acq: 3 Oct 2023 15:11

Instrument :
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Tgt Ion:	178	Resp:	55632
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.3	18.5
176	21.2	14.6	21.8

