

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
 Data File : BG051582.D
 Acq On : 16 Dec 2021 22:57
 Operator : CG/JU
 Sample : M5013-03DL2 20X
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Quant Time: Dec 17 00:13:53 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 14 14:19:57 2021
 Response via : Initial Calibration

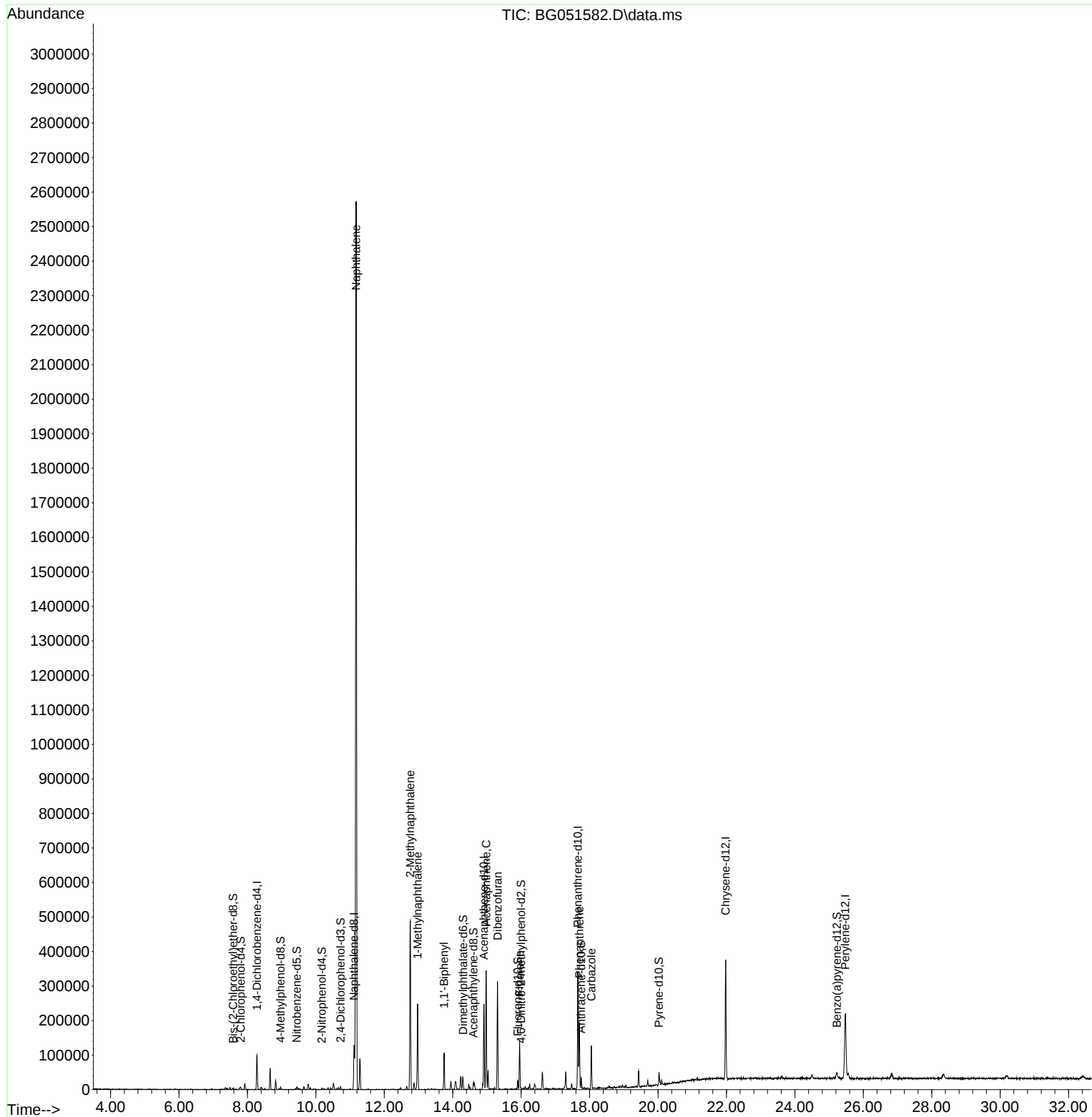
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

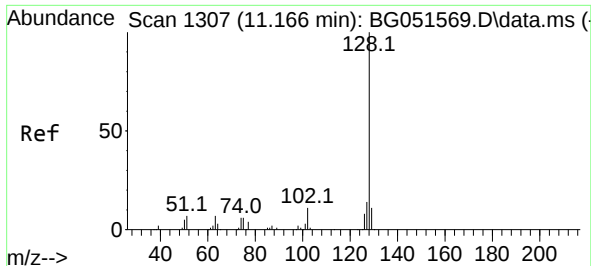
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.278	152	26055	20.000	ng/ul	0.00
20) Naphthalene-d8	11.116	136	116646	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.911	164	87147	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.654	188	221843m	20.000	ng/ul	0.00
79) Chrysene-d12	21.978	240	230184	20.000	ng/ul	# 0.00
88) Perylene-d12	25.473	264	232475	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.409	99	1503	0.646	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.579	67	2533	1.832	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.803	132	2750	1.700	ng/ul	0.00
15) 4-Methylphenol-d8	8.966	113	1890	1.051	ng/ul	-0.01
21) Nitrobenzene-d5	9.442	128	1511	1.767	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.176	143	1534	1.641	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.722	165	3190	1.573	ng/ul	0.00
31) 4-Chloroaniline-d4	11.239	131	1518m	0.569	ng/ul	0.00
46) Dimethylphthalate-d6	14.300	166	11958	1.714	ng/ul	-0.01
49) Acenaphthylene-d8	14.605	160	14993	1.731	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.898	176	10765	1.723	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.997	200	1411	1.221	ng/ul	-0.01
73) Anthracene-d10	17.754	188	18896	1.786	ng/ul	0.00
81) Pyrene-d10	20.027	212	22197	1.602	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.226	264	19384m	1.585	ng/ul	-0.03
Target Compounds						
					Qvalue	
30) Naphthalene	11.175	128	2055740	327.121	ng/ul	97
36) 2-Methylnaphthalene	12.755	142	227272	50.692	ng/ul	97
37) 1-Methylnaphthalene	12.972	142	108591	23.327	ng/ul	97
43) 1,1'-Biphenyl	13.748	154	54446	8.156	ng/ul#	93
52) Acenaphthene	14.975	153	143895	25.699	ng/ul	96
56) Dibenzofuran	15.310	168	186173	22.577	ng/ul	94
61) Fluorene	15.956	166	64100	9.434	ng/ul	100
72) Phenanthrene	17.701	178	117709m	10.316	ng/ul	
77) Carbazole	18.053	167	82096	7.953	ng/ul	98

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

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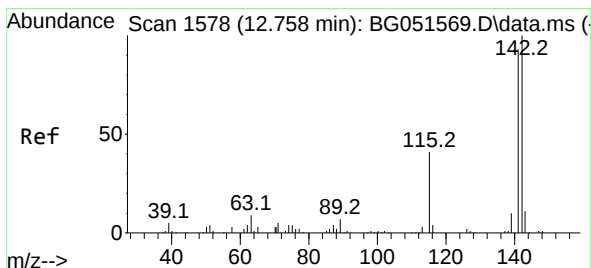
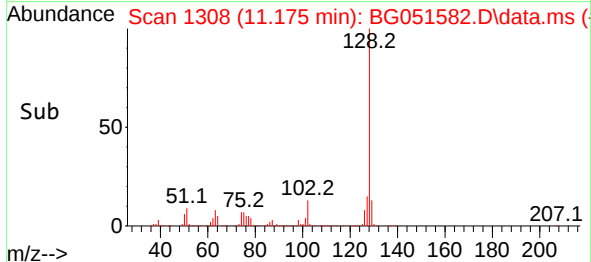
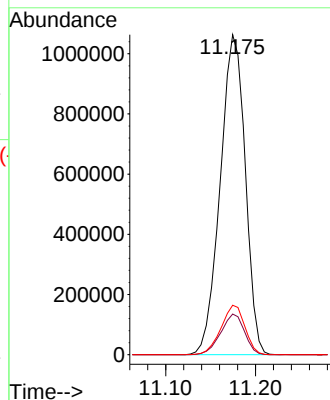
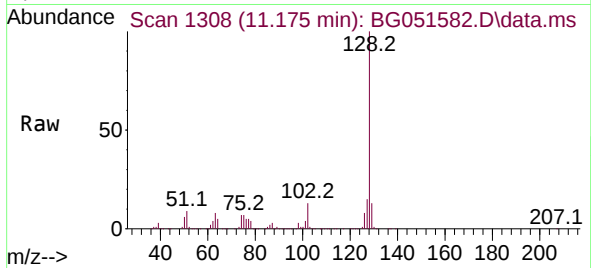
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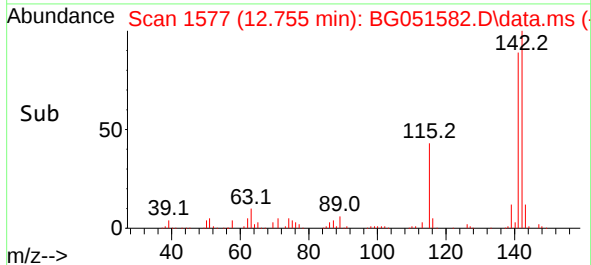
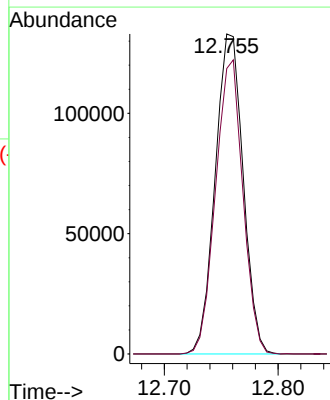
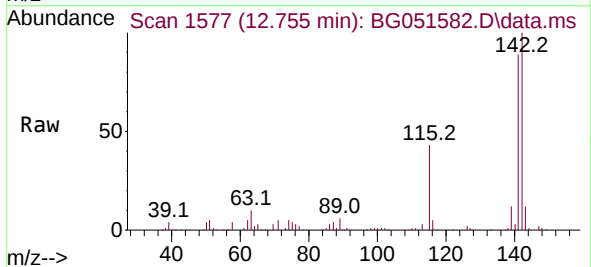
#30
Naphthalene
Concen: 327.121 ng/ul
RT: 11.175 min Scan# 1308
Delta R.T. -0.002 min
Lab File: BG051582.D
Acq: 16 Dec 2021 22:57

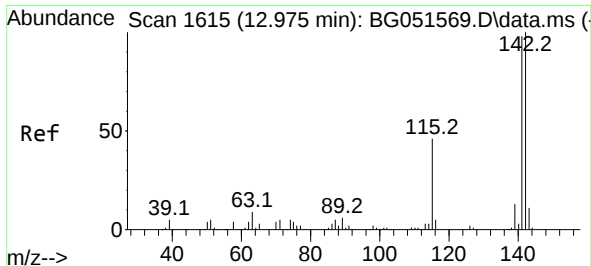
Tgt Ion:128 Resp: 2055740
Ion Ratio Lower Upper
128 100
129 12.7 8.5 12.7
127 15.5 11.8 17.6



#36
2-Methylnaphthalene
Concen: 50.692 ng/ul
RT: 12.755 min Scan# 1577
Delta R.T. -0.014 min
Lab File: BG051582.D
Acq: 16 Dec 2021 22:57

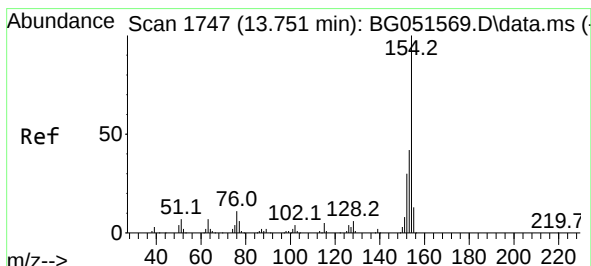
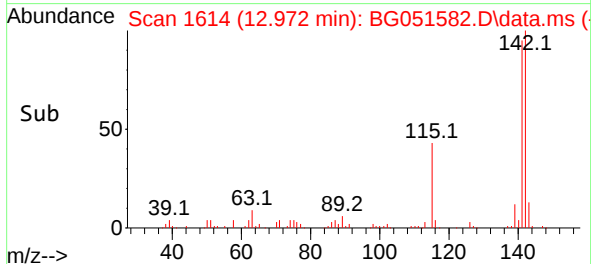
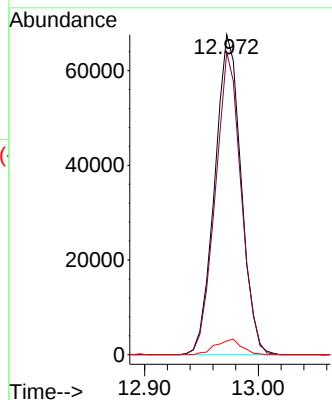
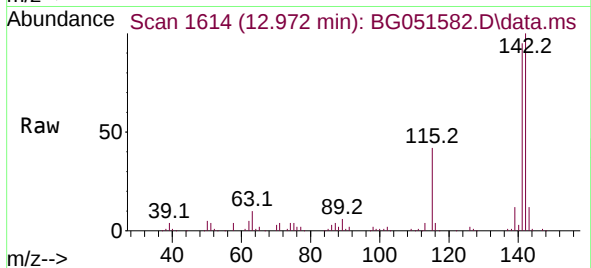
Tgt Ion:142 Resp: 227272
Ion Ratio Lower Upper
142 100
141 89.2 73.3 109.9





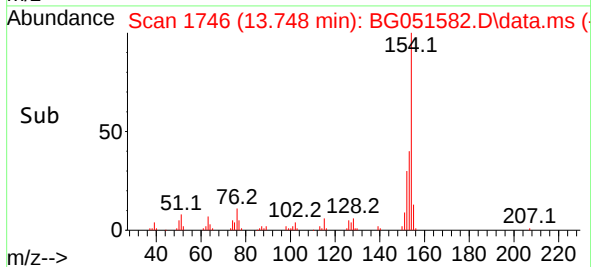
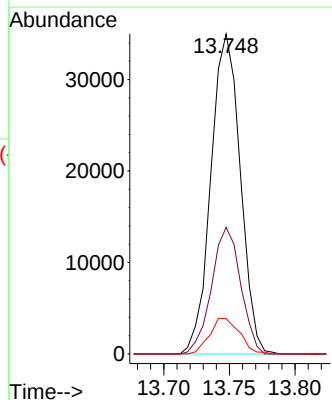
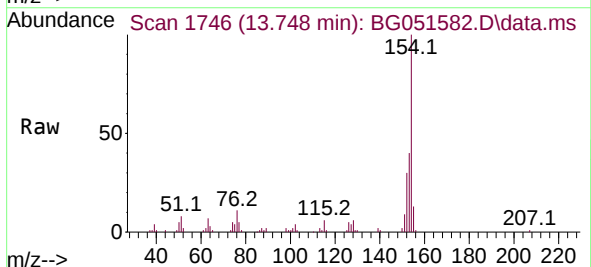
#37
1-Methylnaphthalene
Concen: 23.327 ng/ul
RT: 12.972 min Scan# 1614
Delta R.T. -0.014 min
Lab File: BG051582.D
Acq: 16 Dec 2021 22:57

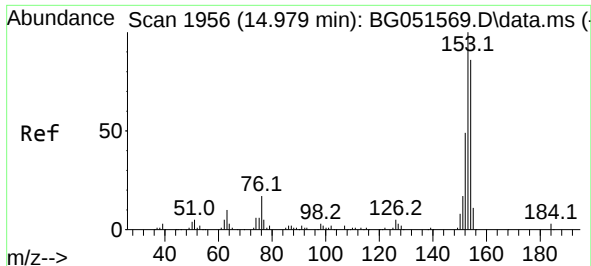
Tgt Ion:142 Resp: 108591
Ion Ratio Lower Upper
142 100
141 94.5 77.8 116.8
116 4.3 3.3 4.9



#43
1,1'-Biphenyl
Concen: 8.156 ng/ul
RT: 13.748 min Scan# 1746
Delta R.T. -0.008 min
Lab File: BG051582.D
Acq: 16 Dec 2021 22:57

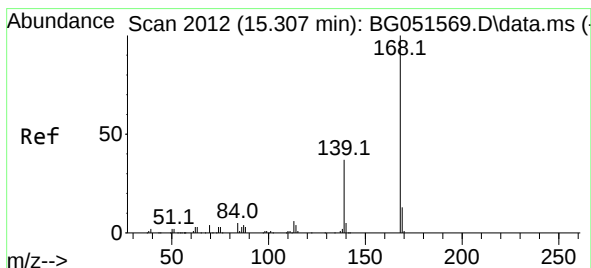
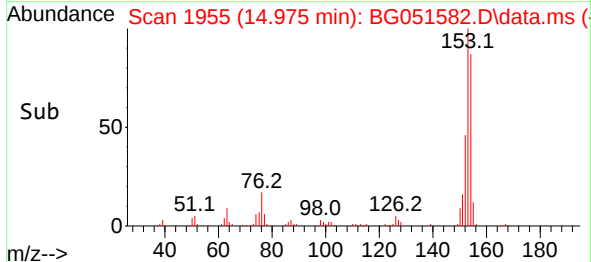
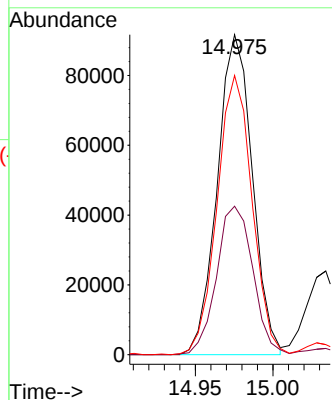
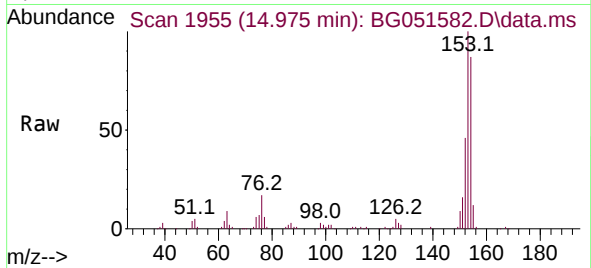
Tgt Ion:154 Resp: 54446
Ion Ratio Lower Upper
154 100
153 39.5 34.5 51.7
76 11.1 13.1 19.7#





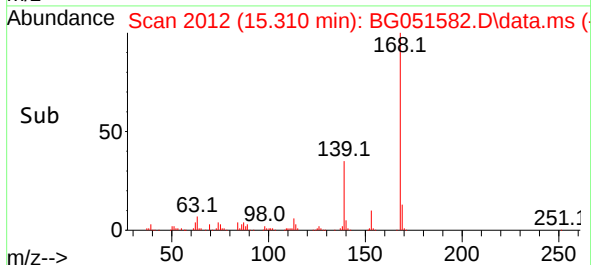
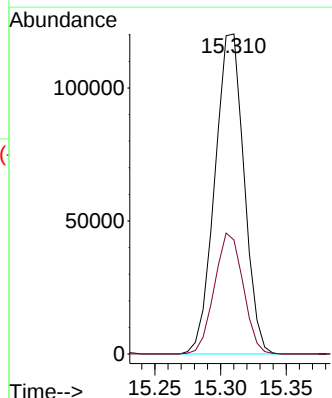
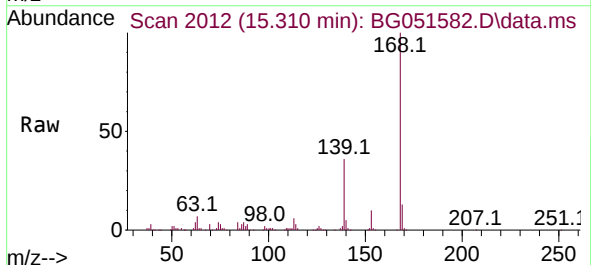
#52
Acenaphthene
Concen: 25.699 ng/ul
RT: 14.975 min Scan# 1955
Delta R.T. -0.008 min
Lab File: BG051582.D
Acq: 16 Dec 2021 22:57

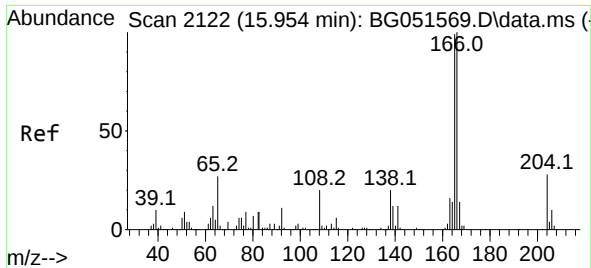
Tgt Ion:153 Resp: 143895
Ion Ratio Lower Upper
153 100
152 46.4 36.5 54.7
154 87.3 65.8 98.6



#56
Dibenzofuran
Concen: 22.577 ng/ul
RT: 15.310 min Scan# 2012
Delta R.T. -0.008 min
Lab File: BG051582.D
Acq: 16 Dec 2021 22:57

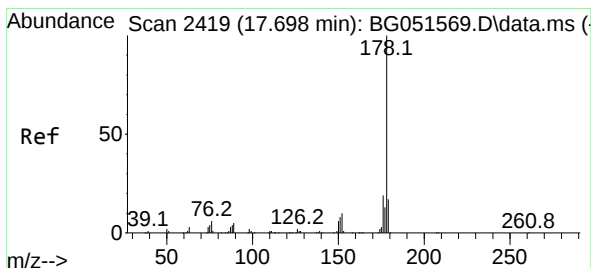
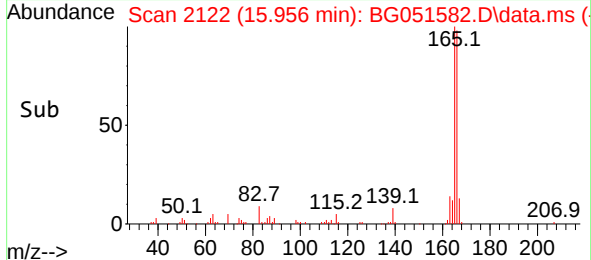
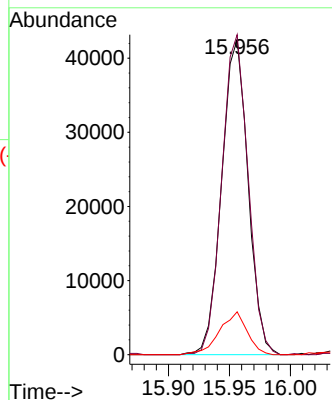
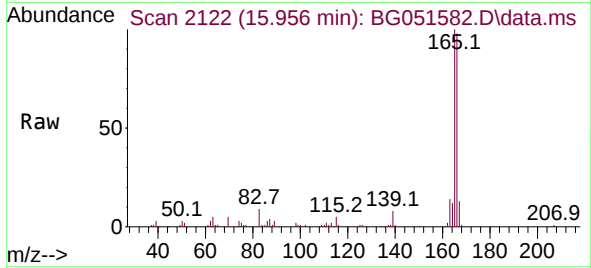
Tgt Ion:168 Resp: 186173
Ion Ratio Lower Upper
168 100
139 35.6 31.2 46.8





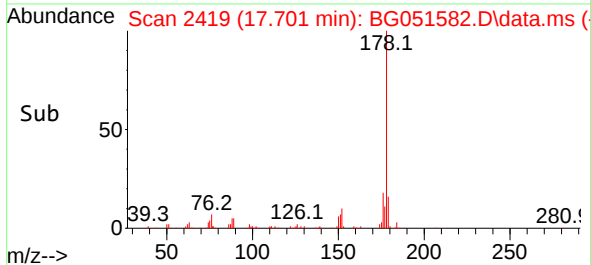
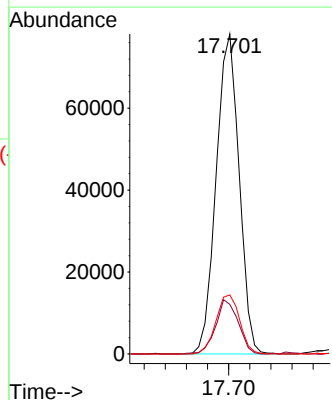
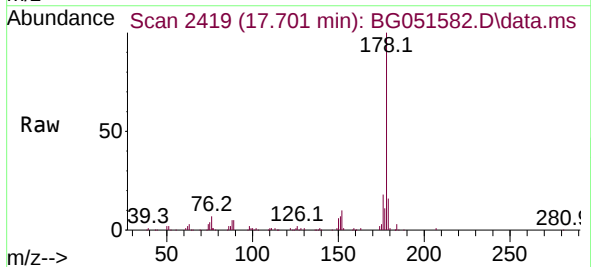
#61
Fluorene
Concen: 9.434 ng/ul
RT: 15.956 min Scan# 2122
Delta R.T. -0.008 min
Lab File: BG051582.D
Acq: 16 Dec 2021 22:57

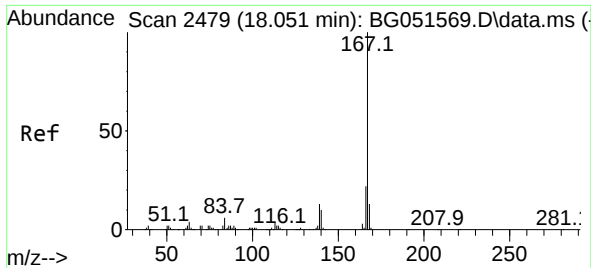
Tgt Ion:166 Resp: 64100
Ion Ratio Lower Upper
166 100
165 101.5 81.0 121.6
167 13.6 11.0 16.4



#72
Phenanthrene
Concen: 10.316 ng/ul m
RT: 17.701 min Scan# 2419
Delta R.T. -0.008 min
Lab File: BG051582.D
Acq: 16 Dec 2021 22:57

Tgt Ion:178 Resp: 117709
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 18.4 15.5 23.3





#77
 Carbazole
 Concen: 7.953 ng/ul
 RT: 18.053 min Scan# 2479
 Delta R.T. -0.008 min
 Lab File: BG051582.D
 Acq: 16 Dec 2021 22:57

Tgt Ion:	167	Resp:	82096
Ion Ratio	Lower	Upper	
167	100		
166	20.6	17.3	25.9
139	12.9	10.6	16.0

