

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
 Data File : BG051583.D
 Acq On : 16 Dec 2021 23:38
 Operator : CG/JU
 Sample : M5013-03DL3 100X
 Misc :
 ALS Vial : 83 Sample Multiplier: 1

Quant Time: Dec 17 01:25:46 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

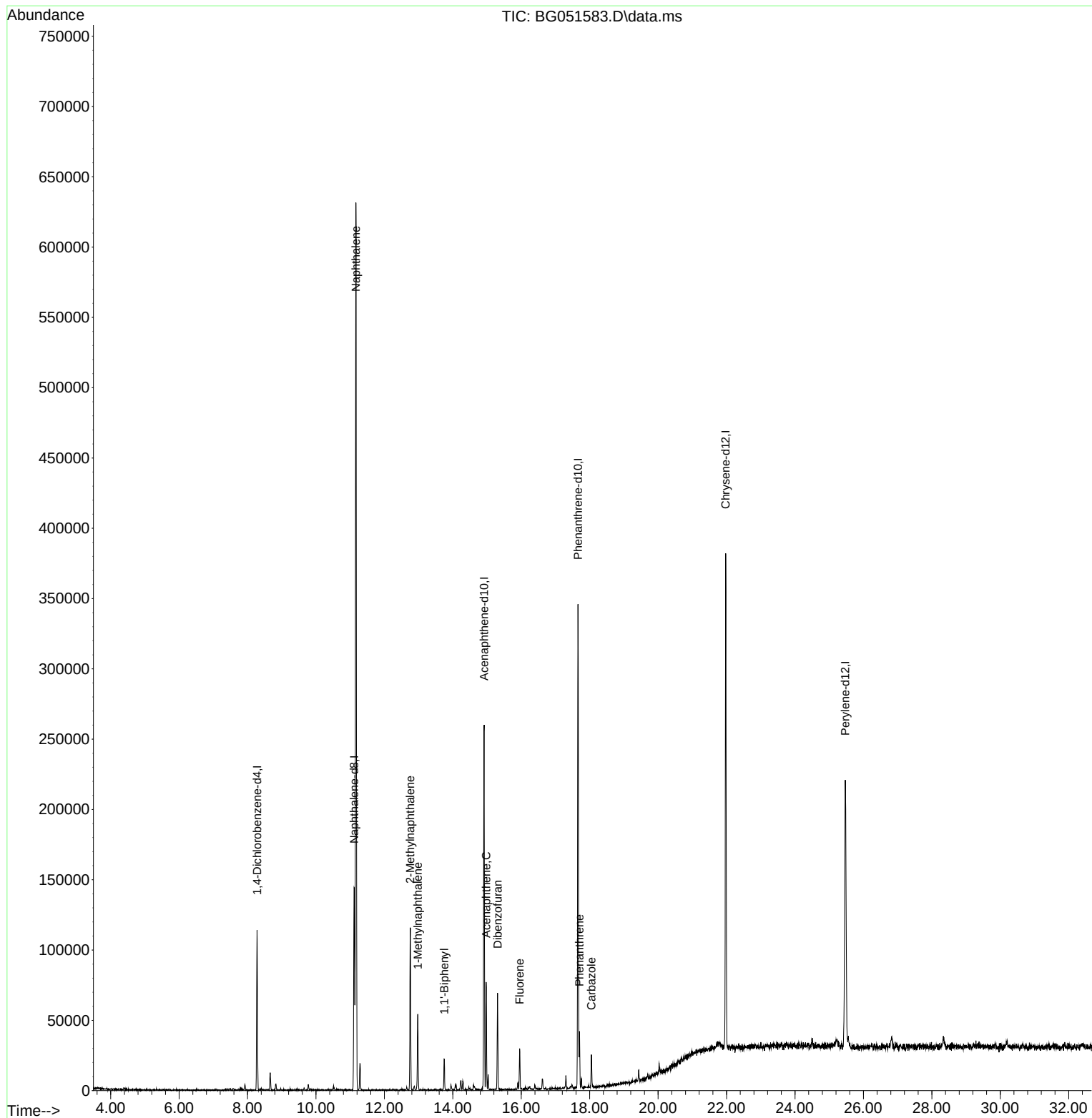
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

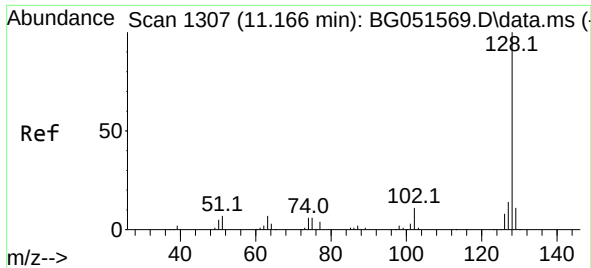
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.282	152	29973	20.000	ng/u1	0.00
20) Naphthalene-d8	11.119	136	123464	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.914	164	91851	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.657	188	227220	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.975	240	230300	20.000	ng/u1	#-0.01
88) Perylene-d12	25.470	264	228829	20.000	ng/u1	-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/u1	
7) Phenol-d5	0.000	99	0d	0.000	ng/u1	
9) Bis-(2-Chloroethyl)eth...	7.583	67	575	0.361	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.794	132	488m	0.262	ng/u1	-0.02
15) 4-Methylphenol-d8	8.969	113	347m	0.168	ng/u1	-0.01
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/u1	
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/u1	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	14.303	166	2558	0.348	ng/u1	-0.01
49) Acenaphthylene-d8	14.602	160	3317	0.363	ng/u1	-0.01
54) 4-Nitrophenol-d4	0.000	143	0	0.000	ng/u1	
60) Fluorene-d10	15.895	176	2117	0.321	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/u1	
73) Anthracene-d10	17.757	188	4809	0.444	ng/u1	0.00
81) Pyrene-d10	20.030	212	4791	0.346	ng/u1	-0.01
92) Benzo(a)pyrene-d12	25.235	264	3935m	0.327	ng/u1	-0.02
Target Compounds						
					Qvalue	
30) Naphthalene	11.166	128	504941	75.912	ng/u1	99
36) 2-Methylnaphthalene	12.758	142	51158	10.781	ng/u1	98
37) 1-Methylnaphthalene	12.975	142	23859	4.842	ng/u1	97
43) 1,1'-Biphenyl	13.751	154	11900	1.691	ng/u1	99
52) Acenaphthene	14.973	153	31742	5.379	ng/u1	94
56) Dibenzofuran	15.307	168	40811	4.696	ng/u1	99
61) Fluorene	15.954	166	13143	1.835	ng/u1	92
72) Phenanthrene	17.698	178	24514	2.098	ng/u1#	93
77) Carbazole	18.051	167	15444	1.461	ng/u1	95

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

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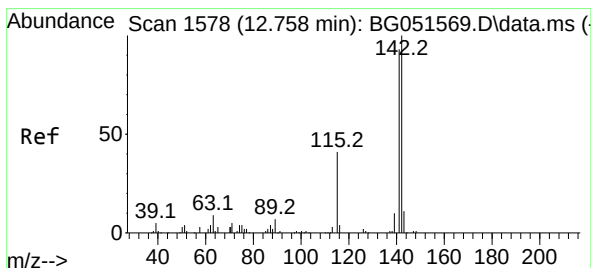
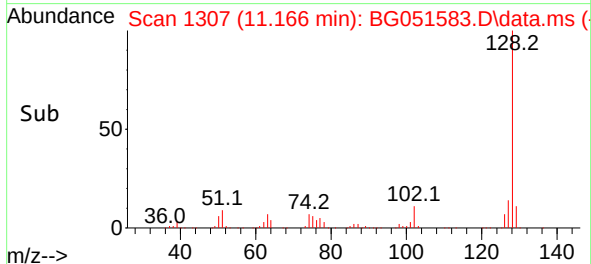
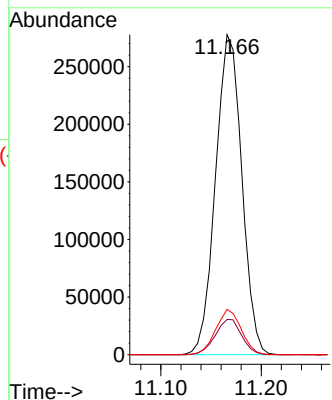
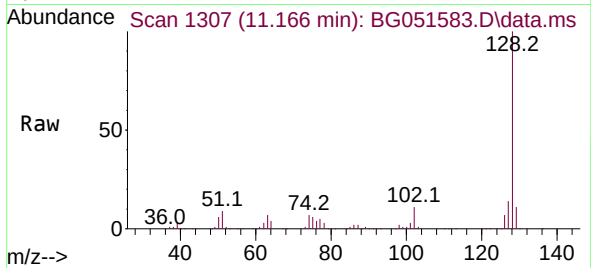
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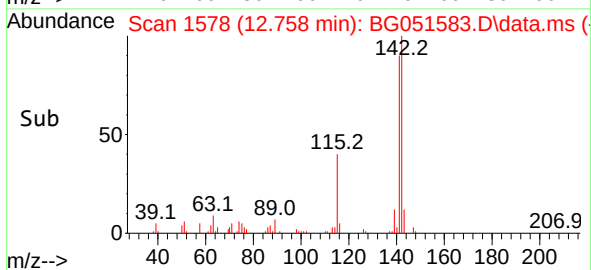
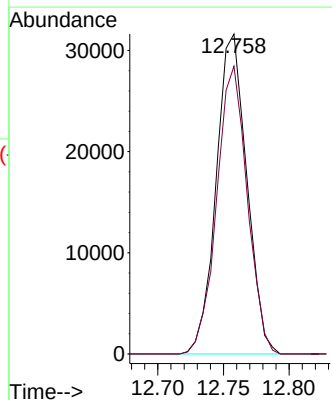
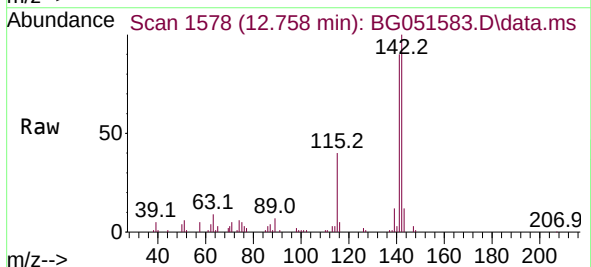
#30
Naphthalene
Concen: 75.912 ng/ul
RT: 11.166 min Scan# 1307
Delta R.T. -0.011 min
Lab File: BG051583.D
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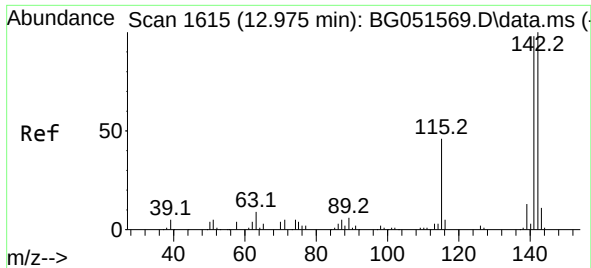
Tgt Ion:128 Resp: 504941
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 14.2 11.8 17.6



#36
2-Methylnaphthalene
Concen: 10.781 ng/ul
RT: 12.758 min Scan# 1578
Delta R.T. -0.011 min
Lab File: BG051583.D
Acq: 16 Dec 2021 23:38

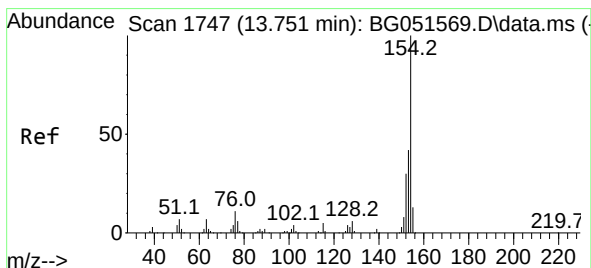
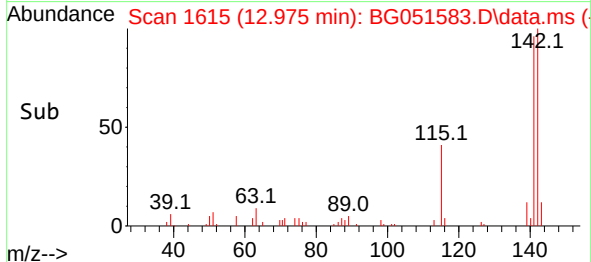
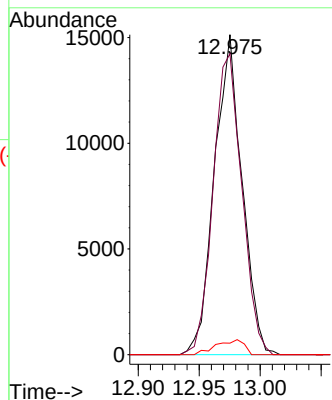
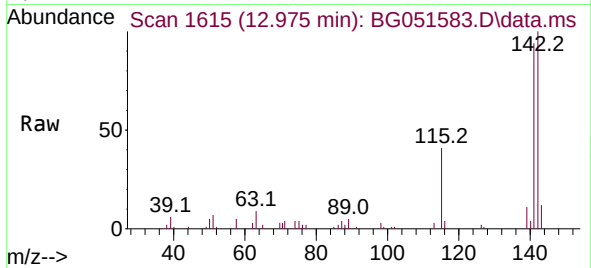
Tgt Ion:142 Resp: 51158
Ion Ratio Lower Upper
142 100
141 89.9 73.3 109.9





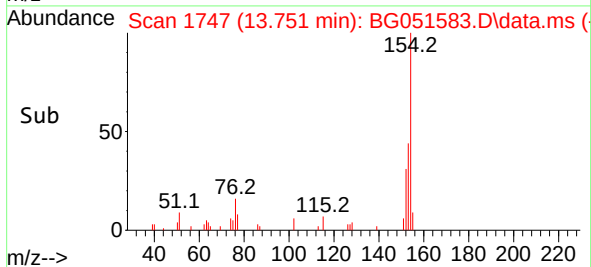
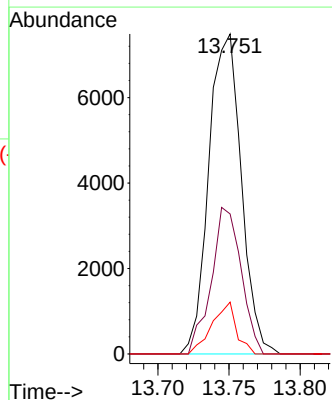
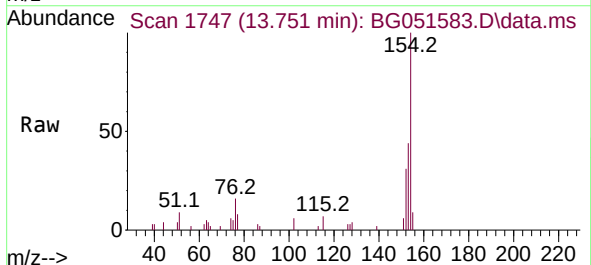
#37
1-Methylnaphthalene
Concen: 4.842 ng/ul
RT: 12.975 min Scan# 1615
Delta R.T. -0.011 min
Lab File: BG051583.D
Acq: 16 Dec 2021 23:38

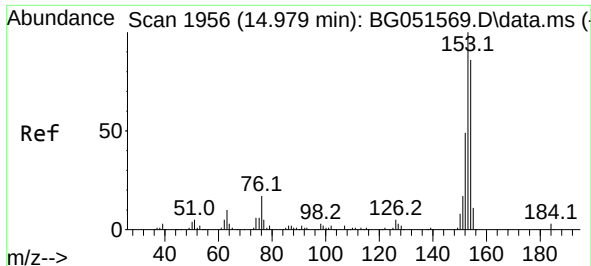
Tgt Ion:	142	Resp:	23859
Ion Ratio	Lower	Upper	
142	100		
141	94.0	77.8	116.8
116	3.6	3.3	4.9



#43
1,1'-Biphenyl
Concen: 1.691 ng/ul
RT: 13.751 min Scan# 1747
Delta R.T. -0.005 min
Lab File: BG051583.D
Acq: 16 Dec 2021 23:38

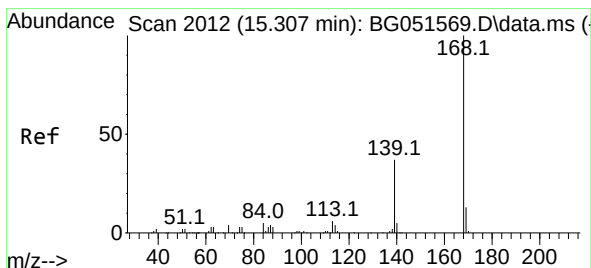
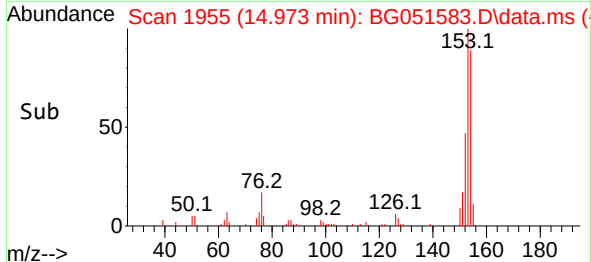
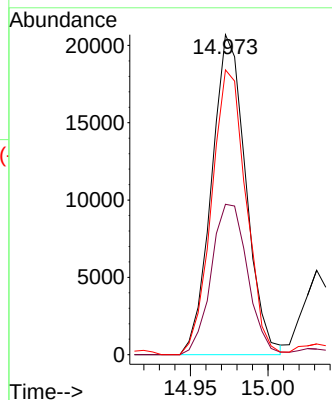
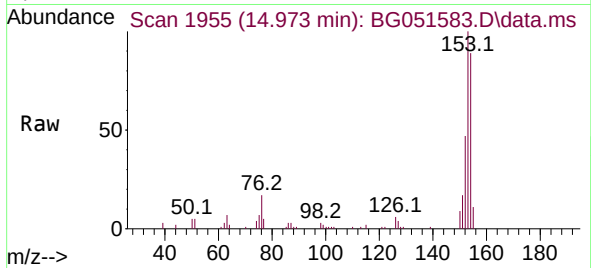
Tgt Ion:	154	Resp:	11900
Ion Ratio	Lower	Upper	
154	100		
153	43.8	34.5	51.7
76	16.2	13.1	19.7





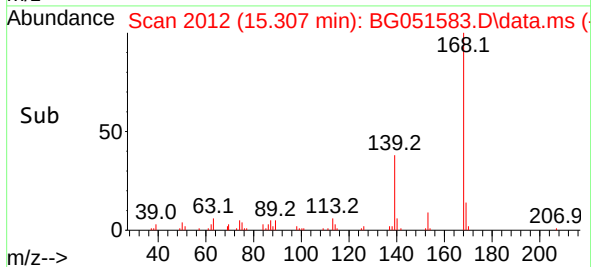
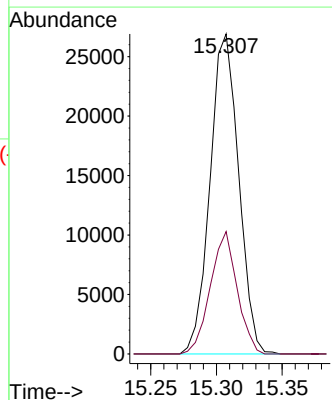
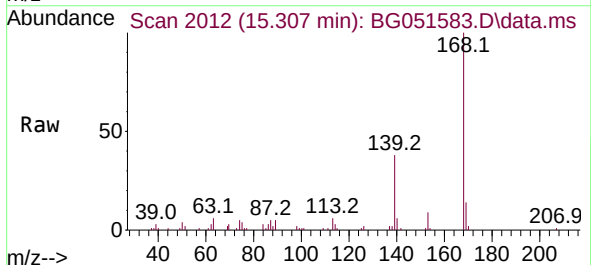
#52
Acenaphthene
Concen: 5.379 ng/ul
RT: 14.973 min Scan# 1955
Delta R.T. -0.011 min
Lab File: BG051583.D
Acq: 16 Dec 2021 23:38

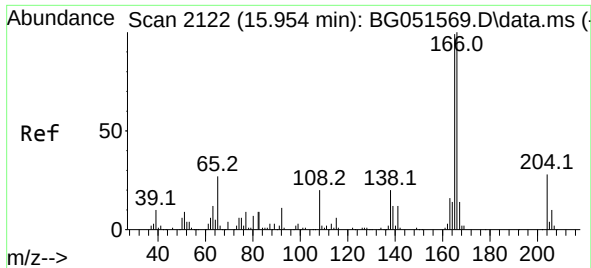
Tgt Ion:153 Resp: 31742
Ion Ratio Lower Upper
153 100
152 47.0 36.5 54.7
154 89.0 65.8 98.6



#56
Dibenzofuran
Concen: 4.696 ng/ul
RT: 15.307 min Scan# 2012
Delta R.T. -0.011 min
Lab File: BG051583.D
Acq: 16 Dec 2021 23:38

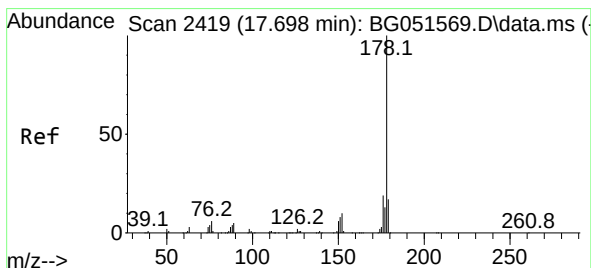
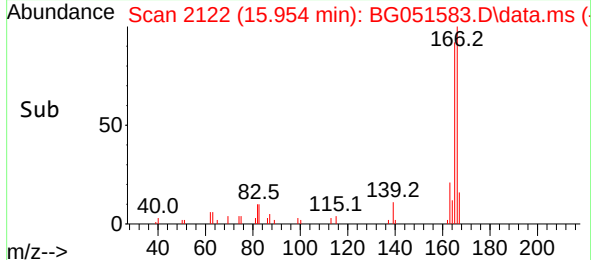
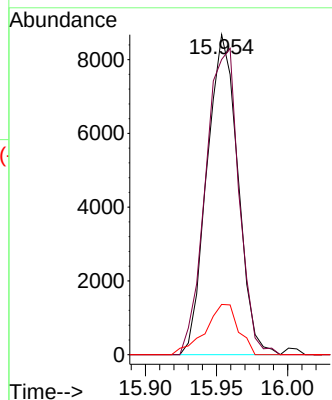
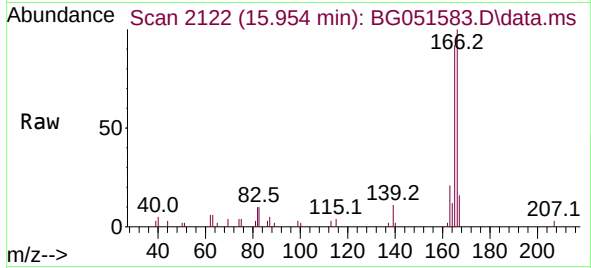
Tgt Ion:168 Resp: 40811
Ion Ratio Lower Upper
168 100
139 38.3 31.2 46.8





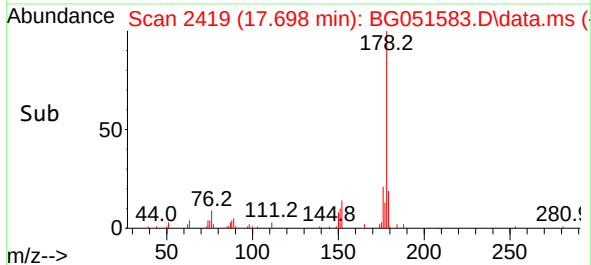
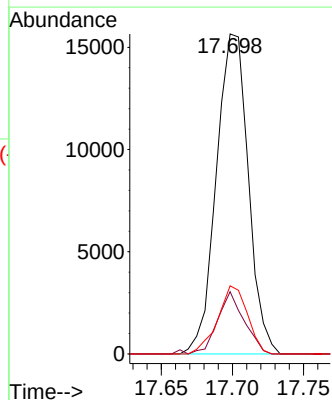
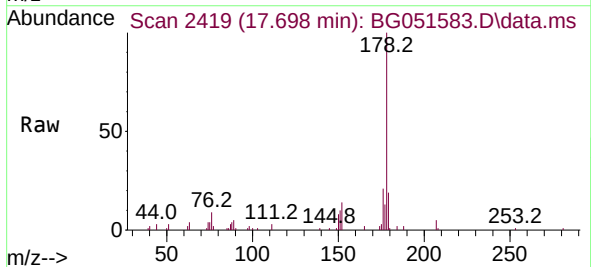
#61
Fluorene
Concen: 1.835 ng/ul
RT: 15.954 min Scan# 2122
Delta R.T. -0.011 min
Lab File: BG051583.D
Acq: 16 Dec 2021 23:38

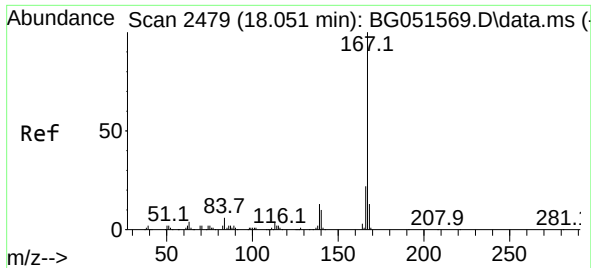
Tgt Ion	Ratio	Lower	Upper
166	100		
165	92.3	81.0	121.6
167	15.7	11.0	16.4



#72
Phenanthrene
Concen: 2.098 ng/ul
RT: 17.698 min Scan# 2419
Delta R.T. -0.011 min
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.5	12.3	18.5#
176	21.3	15.5	23.3





#77
 Carbazole
 Concen: 1.461 ng/ul
 RT: 18.051 min Scan# 2479
 Delta R.T. -0.011 min
 Lab File: BG051583.D
 Acq: 16 Dec 2021 23:38

Tgt Ion:	167	Resp:	15444
Ion Ratio	Lower	Upper	
167	100		
166	23.6	17.3	25.9
139	11.2	10.6	16.0

