

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
 Data File : BG051541.D
 Acq On : 15 Dec 2021 17:40
 Operator : CG/JU
 Sample : M5013-01DL 5X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Quant Time: Dec 15 23:25:03 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

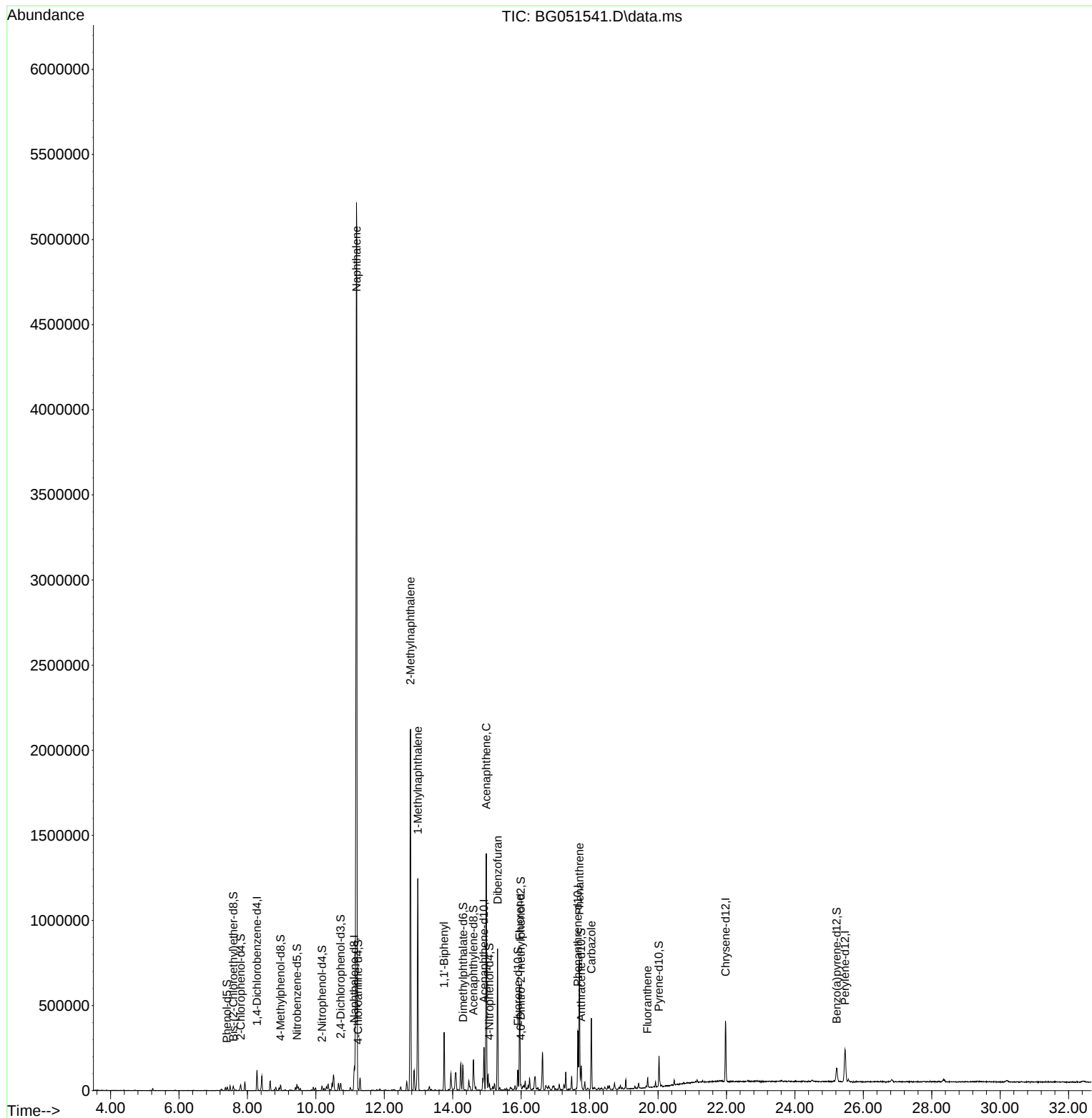
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

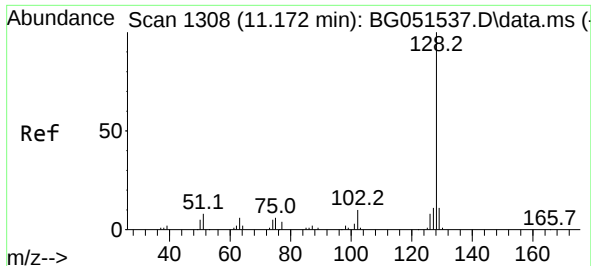
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.278	152	32611	20.000	ng/ul	0.00
20) Naphthalene-d8	11.122	136	132267	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.911	164	91959	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.654	188	225993	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.972	240	236305	20.000	ng/ul	#-0.01
88) Perylene-d12	25.467	264	230131	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.614	96	718	0.914	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.403	99	8637	2.966	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.585	67	13150	7.597	ng/ul	0.00
11) 2-Chlorophenol-d4	7.803	132	14456	7.138	ng/ul	0.00
15) 4-Methylphenol-d8	8.966	113	12472	5.541	ng/ul	-0.01
21) Nitrobenzene-d5	9.447	128	7222	7.447	ng/ul	0.00
24) 2-Nitrophenol-d4	10.182	143	8413	7.936	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.722	165	15974	6.949	ng/ul	0.00
31) 4-Chloroaniline-d4	11.233	131	4862m	1.606	ng/ul	0.00
46) Dimethylphthalate-d6	14.300	166	54227	7.367	ng/ul	-0.01
49) Acenaphthylene-d8	14.605	160	66468	7.271	ng/ul	0.00
54) 4-Nitrophenol-d4	15.069	143	3068	2.563	ng/ul	0.00
60) Fluorene-d10	15.903	176	46808	7.098	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.991	200	8358	7.098	ng/ul	-0.02
73) Anthracene-d10	17.754	188	79940	7.415	ng/ul	0.00
81) Pyrene-d10	20.027	212	103262	7.261	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.220	264	90210	7.450	ng/ul	-0.03
Target Compounds						
					Qvalue	
30) Naphthalene	11.186	128	4373054	613.682	ng/ul#	86
36) 2-Methylnaphthalene	12.766	142	1014693	199.595	ng/ul	100
37) 1-Methylnaphthalene	12.978	142	541807	102.643	ng/ul	96
43) 1,1'-Biphenyl	13.747	154	174640	24.792	ng/ul#	95
52) Acenaphthene	14.981	153	604093	102.241	ng/ul	97
56) Dibenzofuran	15.310	168	504511	57.979	ng/ul	99
61) Fluorene	15.956	166	282164	39.355	ng/ul	99
72) Phenanthrene	17.701	178	464667	39.975	ng/ul	98
77) Carbazole	18.053	167	284382	27.045	ng/ul	98
80) Fluoranthene	19.692	202	38142	2.336	ng/ul#	88

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

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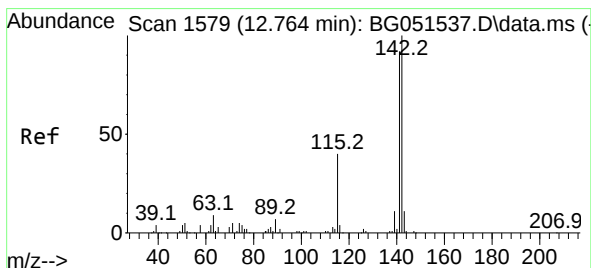
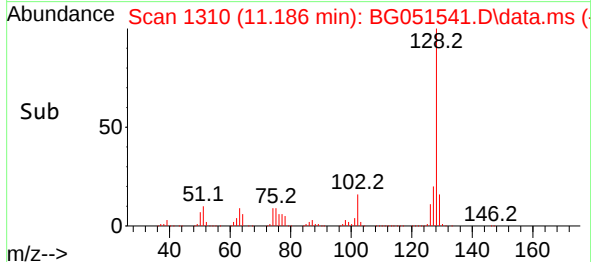
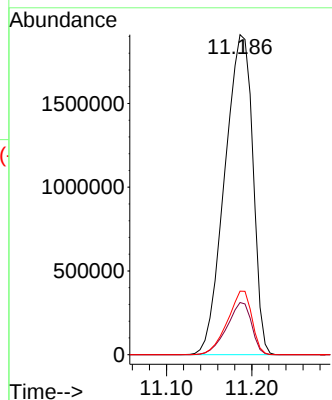
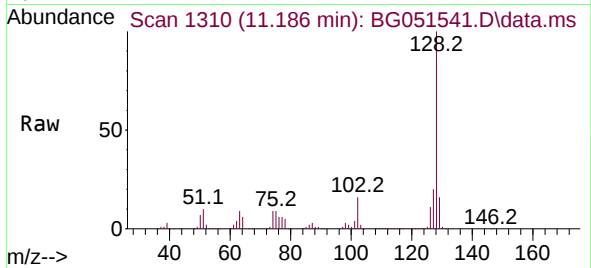
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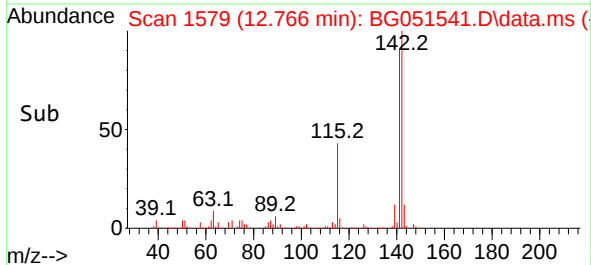
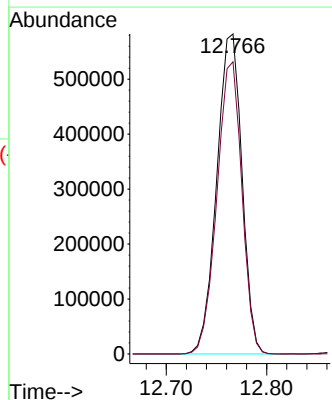
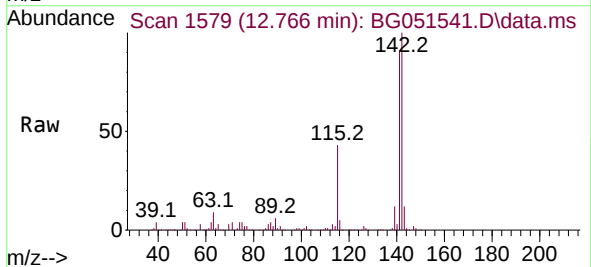
#30
Naphthalene
Concen: 613.682 ng/ul
RT: 11.186 min Scan# 1310
Delta R.T. 0.009 min
Lab File: BG051541.D
Acq: 15 Dec 2021 17:40

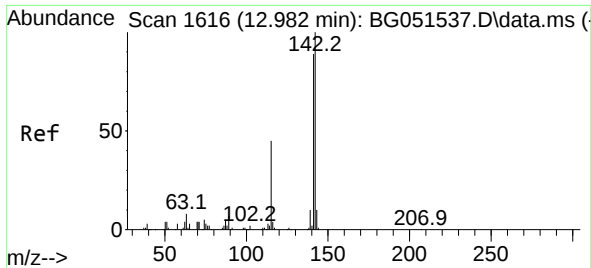
Tgt Ion:128 Resp: 4373054
Ion Ratio Lower Upper
128 100
129 16.3 8.5 12.7#
127 19.9 11.8 17.6#



#36
2-Methylnaphthalene
Concen: 199.595 ng/ul
RT: 12.766 min Scan# 1579
Delta R.T. -0.002 min
Lab File: BG051541.D
Acq: 15 Dec 2021 17:40

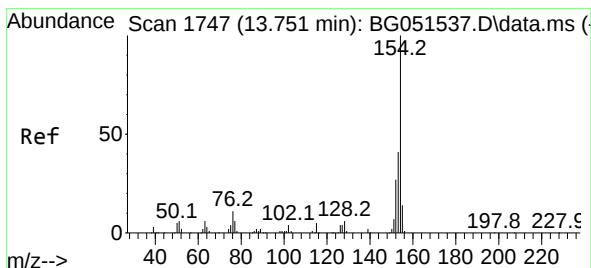
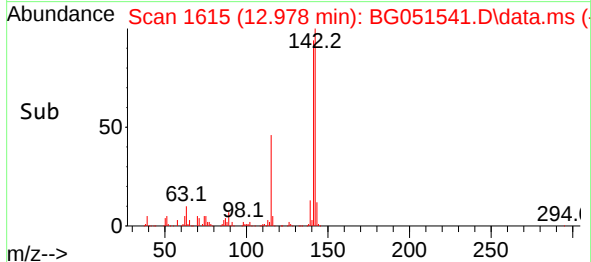
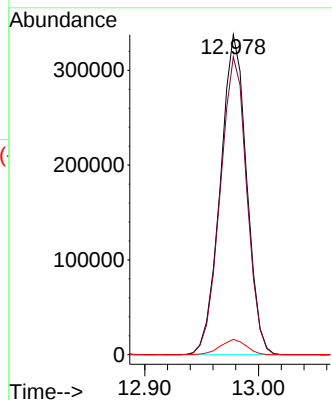
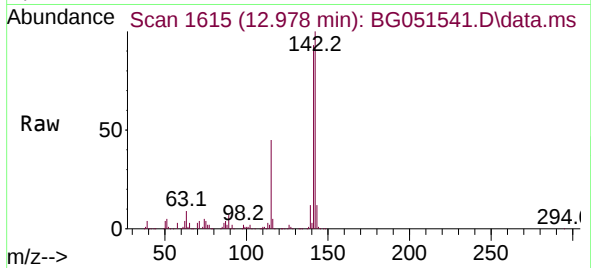
Tgt Ion:142 Resp: 1014693
Ion Ratio Lower Upper
142 100
141 91.3 73.3 109.9





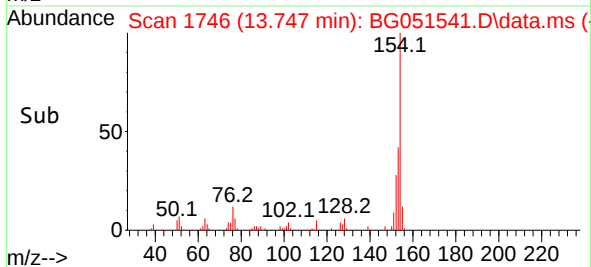
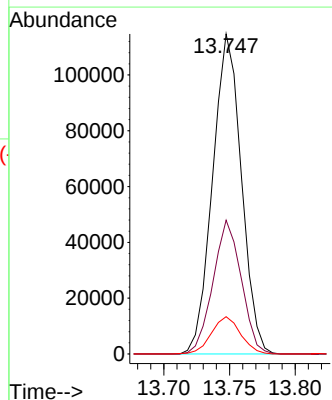
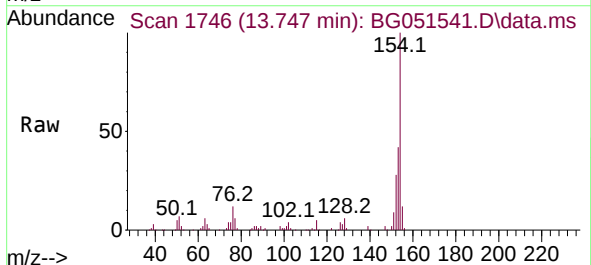
#37
1-Methylnaphthalene
Concen: 102.643 ng/ul
RT: 12.978 min Scan# 1615
Delta R.T. -0.008 min
Lab File: BG051541.D
Acq: 15 Dec 2021 17:40

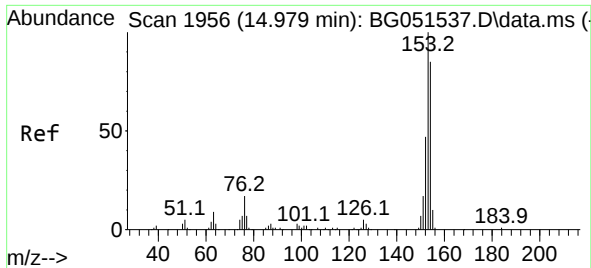
Tgt Ion:142 Resp: 541807
Ion Ratio Lower Upper
142 100
141 93.1 77.8 116.8
116 4.8 3.3 4.9



#43
1,1'-Biphenyl
Concen: 24.792 ng/ul
RT: 13.747 min Scan# 1746
Delta R.T. -0.008 min
Lab File: BG051541.D
Acq: 15 Dec 2021 17:40

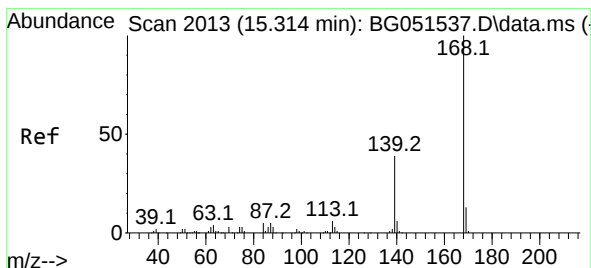
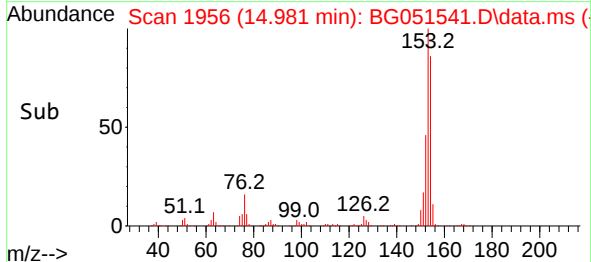
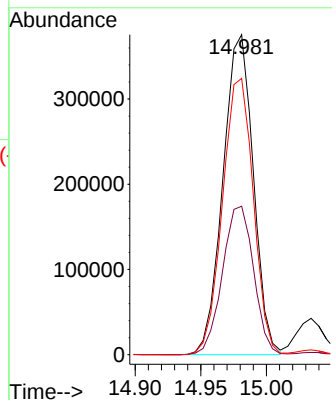
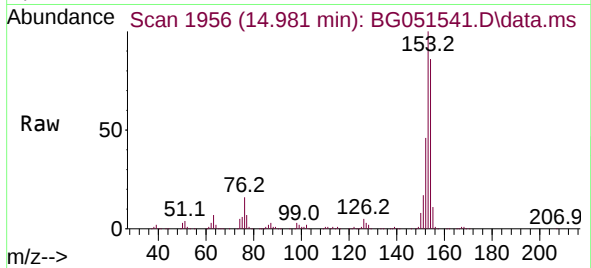
Tgt Ion:154 Resp: 174640
Ion Ratio Lower Upper
154 100
153 41.8 34.5 51.7
76 11.6 13.1 19.7#





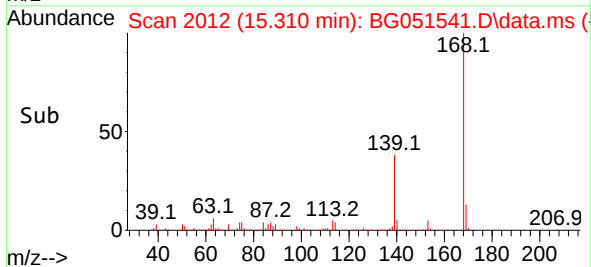
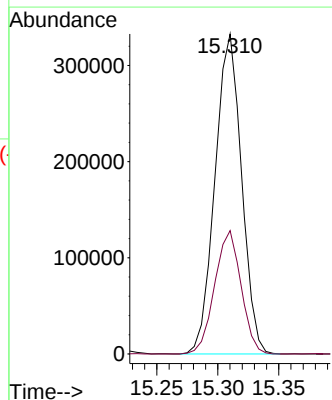
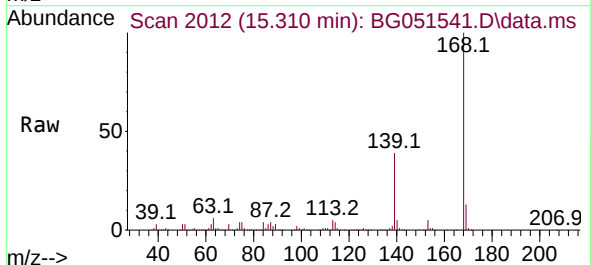
#52
Acenaphthene
Concen: 102.241 ng/ul
RT: 14.981 min Scan# 1956
Delta R.T. -0.002 min
Lab File: BG051541.D
Acq: 15 Dec 2021 17:40

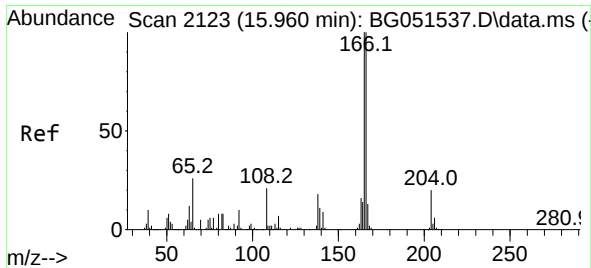
Tgt Ion:153 Resp: 604093
Ion Ratio Lower Upper
153 100
152 46.4 36.5 54.7
154 86.4 65.8 98.6



#56
Dibenzofuran
Concen: 57.979 ng/ul
RT: 15.310 min Scan# 2012
Delta R.T. -0.008 min
Lab File: BG051541.D
Acq: 15 Dec 2021 17:40

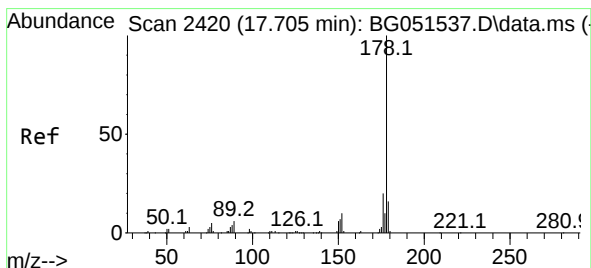
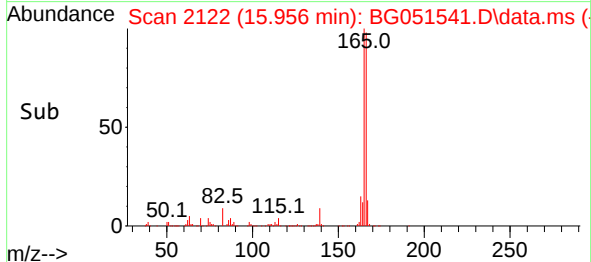
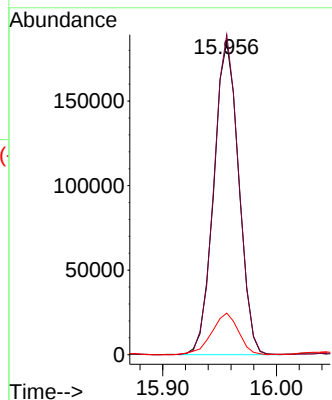
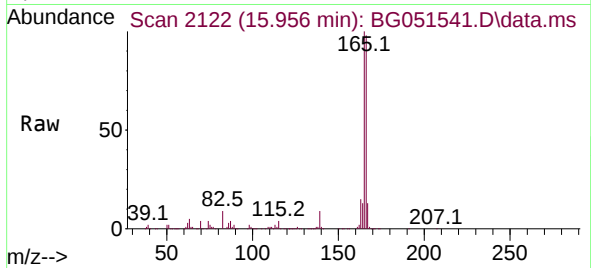
Tgt Ion:168 Resp: 504511
Ion Ratio Lower Upper
168 100
139 38.5 31.2 46.8





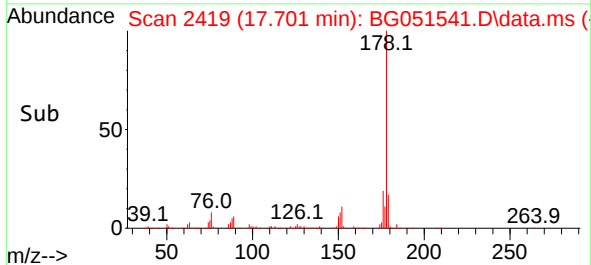
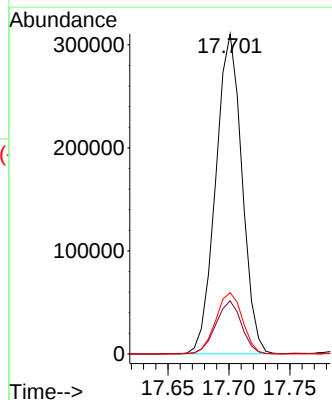
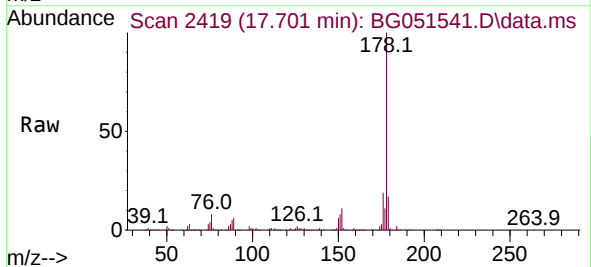
#61
Fluorene
Concen: 39.355 ng/ul
RT: 15.956 min Scan# 2122
Delta R.T. -0.008 min
Lab File: BG051541.D
Acq: 15 Dec 2021 17:40

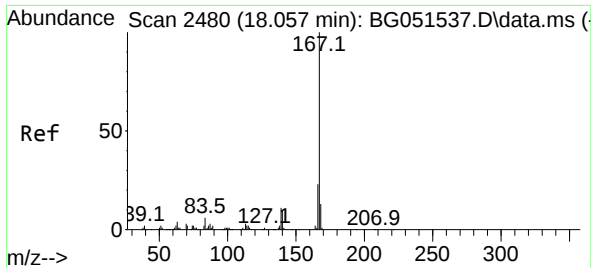
Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.3	81.0	121.6
167	13.3	11.0	16.4



#72
Phenanthrene
Concen: 39.975 ng/ul
RT: 17.701 min Scan# 2419
Delta R.T. -0.008 min
Lab File: BG051541.D
Acq: 15 Dec 2021 17:40

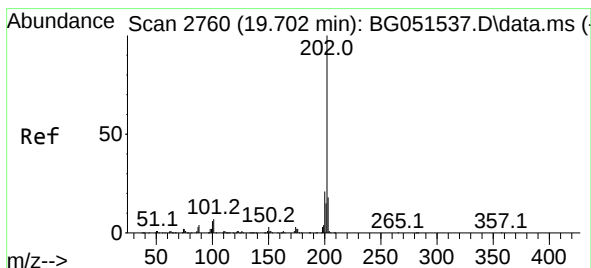
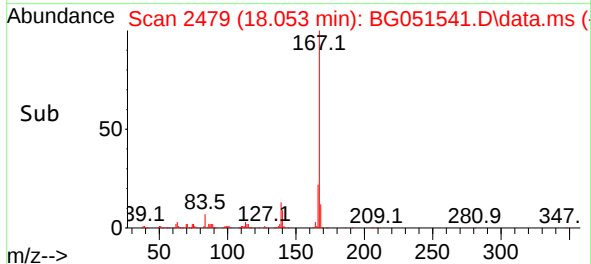
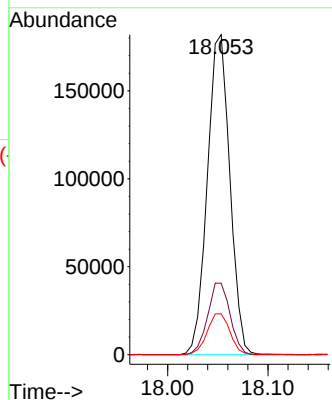
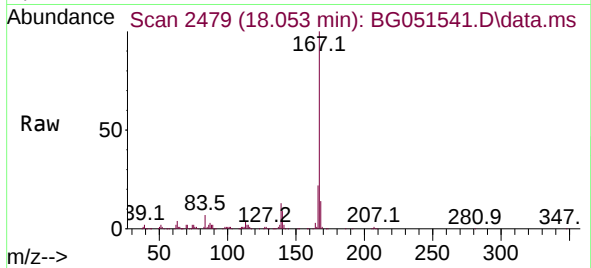
Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.3	18.5
176	19.1	15.5	23.3





#77
Carbazole
Concen: 27.045 ng/ul
RT: 18.053 min Scan# 2479
Delta R.T. -0.008 min
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Acq: 15 Dec 2021 17:40

Tgt Ion:167 Resp: 284382
Ion Ratio Lower Upper
167 100
166 22.4 17.3 25.9
139 12.7 10.6 16.0



#80
Fluoranthene
Concen: 2.336 ng/ul
RT: 19.692 min Scan# 2758
Delta R.T. -0.014 min
Lab File: BG051541.D
Acq: 15 Dec 2021 17:40

Tgt Ion:202 Resp: 38142
Ion Ratio Lower Upper
202 100
101 6.7 9.3 13.9#
100 5.3 7.0 10.6#

