Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051543.D
Acq On : 15 Dec 2021 19:02
Operator : CG/JU
Sample : M5013-03DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Dec 15 23:25:34 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	8.276	152	36737	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.125	136	155296	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.914	164	107292	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.658	188	265525	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.975	240	271014	20.000	ng/ul	#-0.01
88) Perylene-d12	25.471	264	272686	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.606	96	463	0.523	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.407	99	3510	1.070	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.583	67	5778	2.963	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.801	132	6253	2.741	ng/ul	-0.01
15) 4-Methylphenol-d8	8.970	113	5310	2.094	ng/ul	-0.01
21) Nitrobenzene-d5	9.451	128	3490	3.065	ng/ul	0.00
24) 2-Nitrophenol-d4	10.174	143	3713	2.983	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.726	165	6940	2.571	ng/ul	0.00
31) 4-Chloroaniline-d4	11.237	131	4082m	1.149	ng/ul	0.00
46) Dimethylphthalate-d6	14.304	166	24952	2.906	ng/ul	-0.01
49) Acenaphthylene-d8	14.609	160	31498	2.953	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.895	176	23575	3.064	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.995	200	3455	2.497	ng/ul	-0.02
73) Anthracene-d10	17.752	188	39082	3.086	ng/ul	-0.01
81) Pyrene-d10	20.025	212	48979	3.003	ng/ul	-0.02
92) Benzo(a)pyrene-d12	25.218	264	42009	2.928	ng/ul	-0.03
Target Compounds						Qvalue
30) Naphthalene	11.190	128	4104341	490.561	ng/ul#	88
36) 2-Methylnaphthalene	12.759	142	499901	83.751	ng/ul	98
37) 1-Methylnaphthalene	12.976	142	237804	38.370	ng/ul	95
43) 1,1'-Biphenyl	13.745	154	119110	14.493	ng/ul#	92
50) Acenaphthylene	14.638	152	13084	1.254	ng/ul#	97
52) Acenaphthene	14.979	153	313768	45.515	ng/ul	96
56) Dibenzofuran	15.308	168	383768	37.801	ng/ul	98
61) Fluorene	15.954	166	133463	15.954	ng/ul	98
72) Phenanthrene	17.699	178	241593	17.690	ng/ul	99
77) Carbazole	18.051	167	173441	14.038	ng/ul	97
80) Fluoranthene	19.696	202	20880	1.115	ng/ul#	88

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

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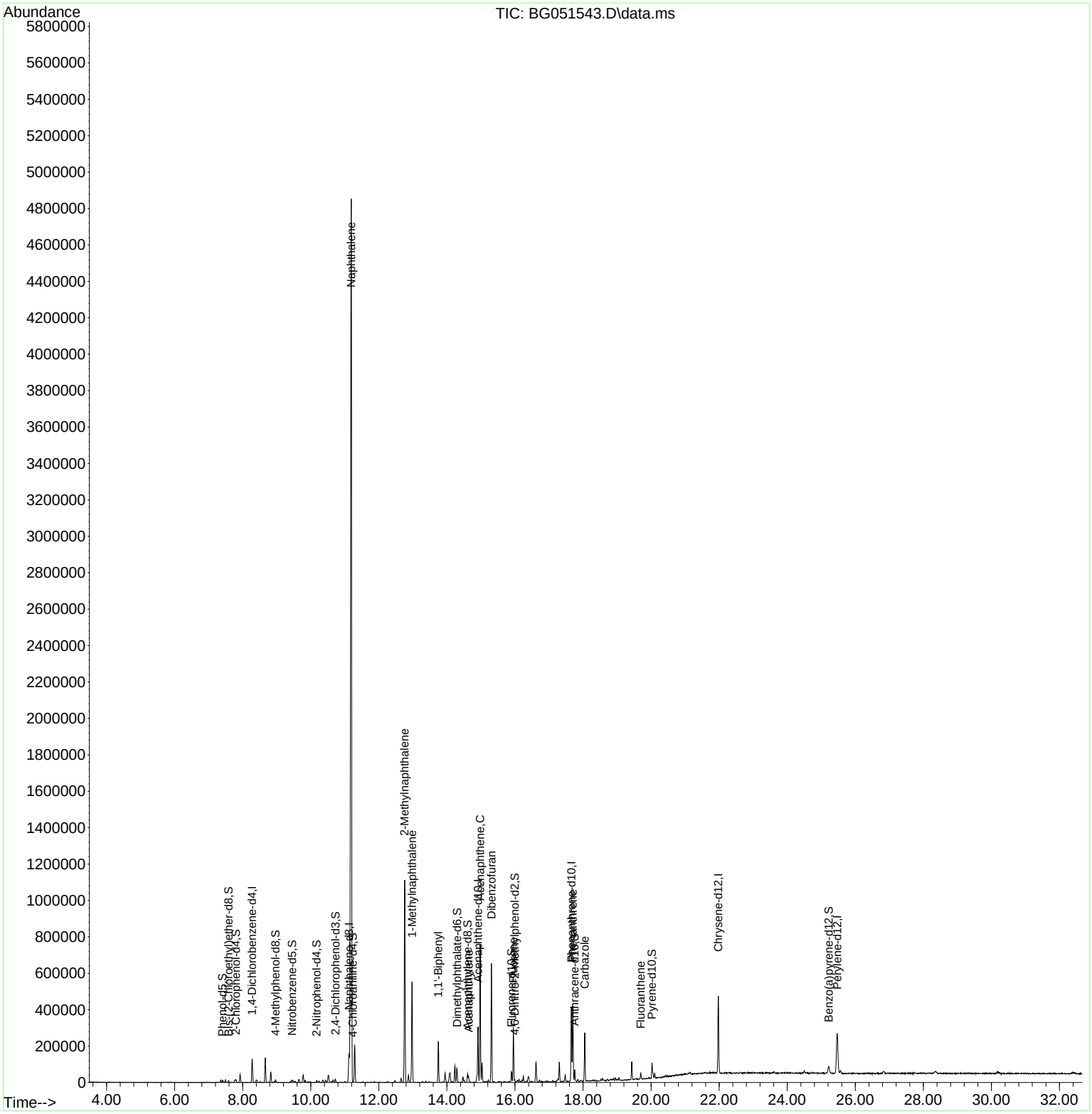
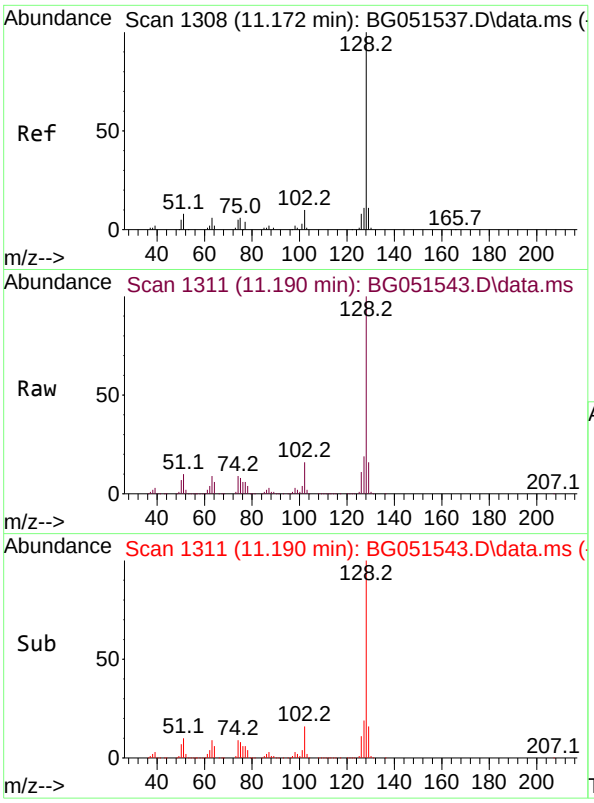
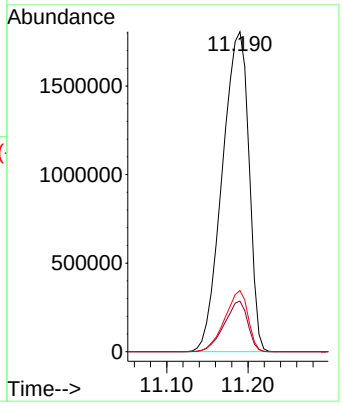


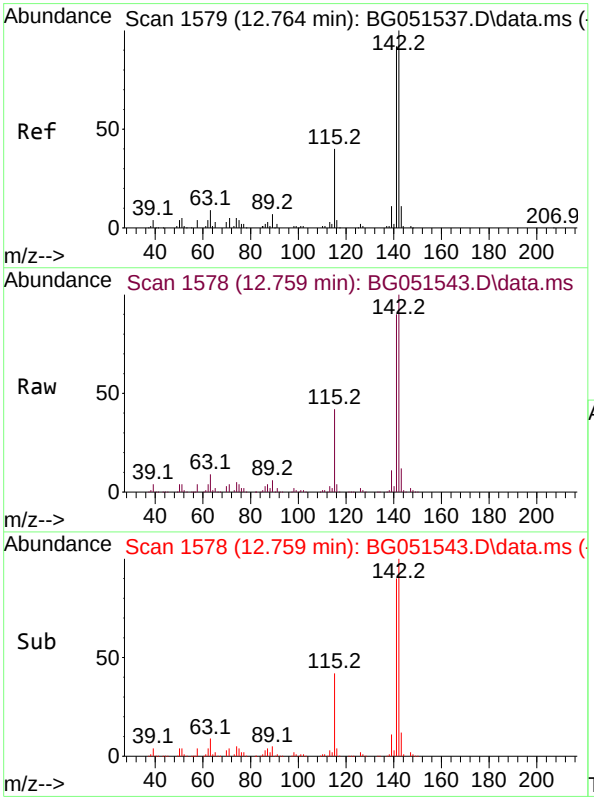


#30
Naphthalene
Concen: 490.561 ng/ul
RT: 11.190 min Scan# 1311
Delta R.T. 0.013 min
Lab File: BG051543.D
Acq: 15 Dec 2021 19:02

Tgt Ion:128 Resp: 4104341

Ion	Ratio	Lower	Upper
128	100		
129	15.8	8.5	12.7#
127	19.1	11.8	17.6#

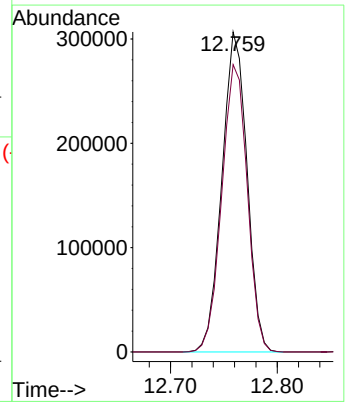


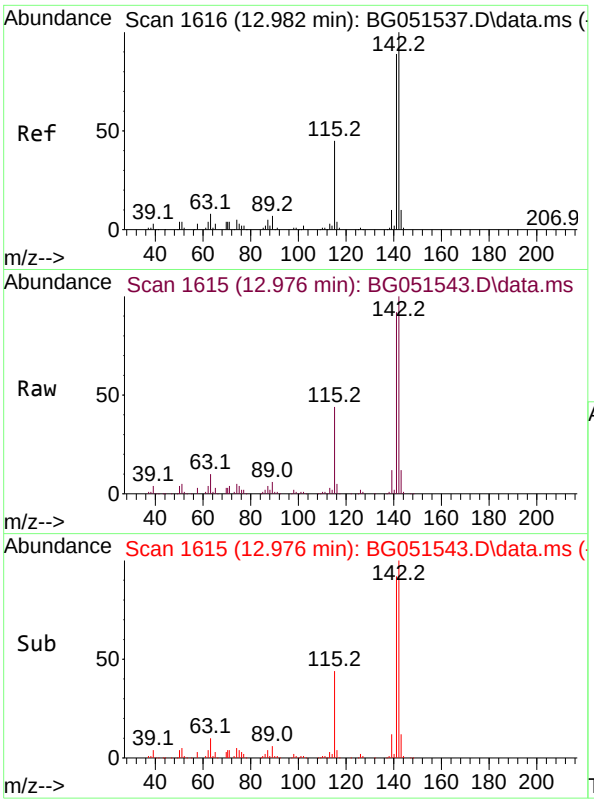


#36
2-Methylnaphthalene
Concen: 83.751 ng/ul
RT: 12.759 min Scan# 1578
Delta R.T. -0.010 min
Lab File: BG051543.D
Acq: 15 Dec 2021 19:02

Tgt Ion:142 Resp: 499901

Ion	Ratio	Lower	Upper
142	100		
141	89.8	73.3	109.9

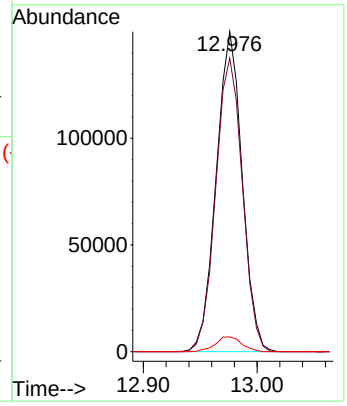


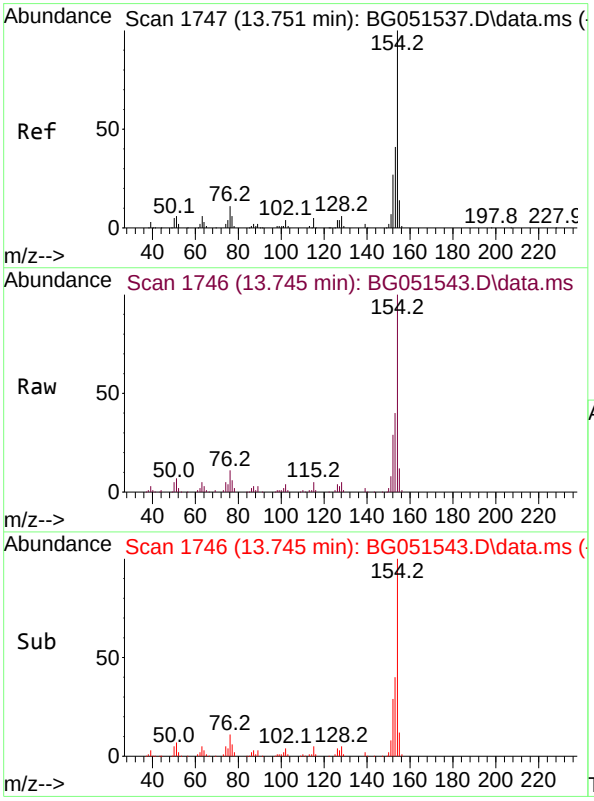


#37
1-Methylnaphthalene
Concen: 38.370 ng/ul
RT: 12.976 min Scan# 1615
Delta R.T. -0.010 min
Lab File: BG051543.D
Acq: 15 Dec 2021 19:02

Tgt Ion:142 Resp: 237804

Ion	Ratio	Lower	Upper
142	100		
141	91.8	77.8	116.8
116	4.6	3.3	4.9

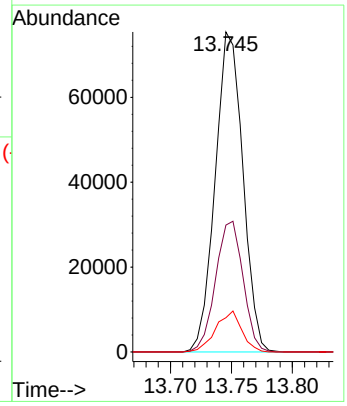


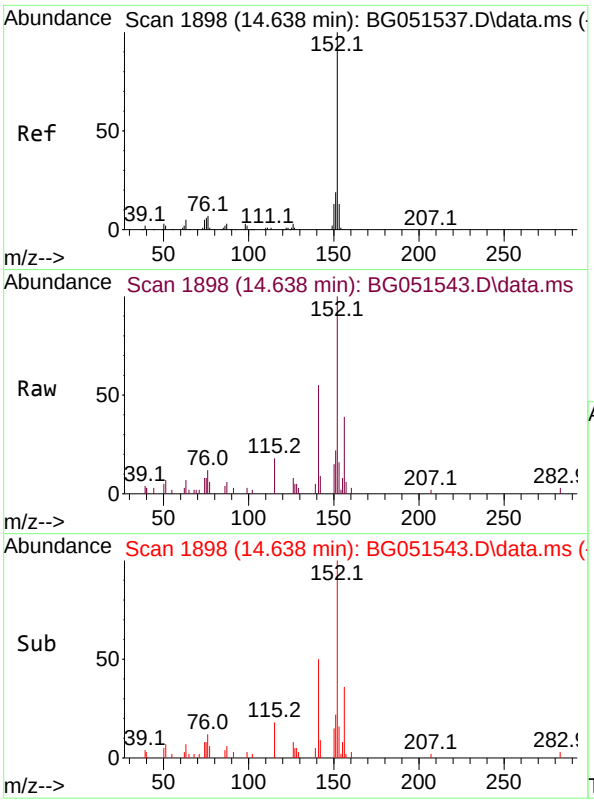


#43
1,1'-Biphenyl
Concen: 14.493 ng/ul
RT: 13.745 min Scan# 1746
Delta R.T. -0.010 min
Lab File: BG051543.D
Acq: 15 Dec 2021 19:02

Tgt Ion:154 Resp: 119110

Ion	Ratio	Lower	Upper
154	100		
153	39.6	34.5	51.7
76	10.7	13.1	19.7#

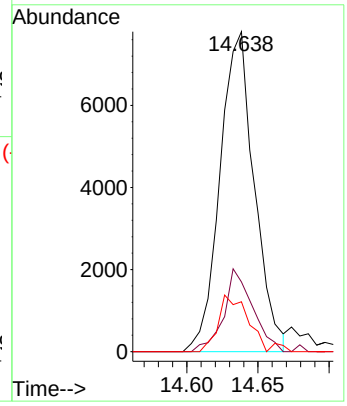


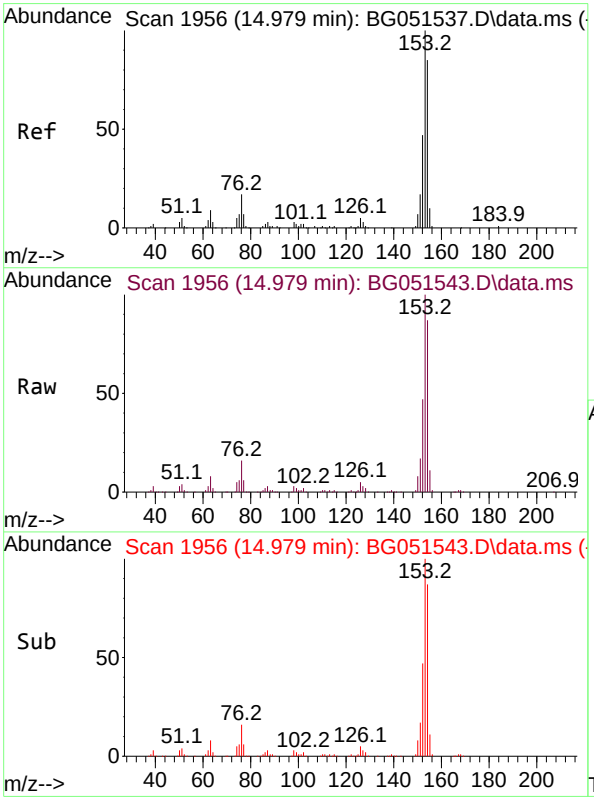


#50
Acenaphthylene
Concen: 1.254 ng/ul
RT: 14.638 min Scan# 1898
Delta R.T. -0.004 min
Lab File: BG051543.D
Acq: 15 Dec 2021 19:02

Tgt Ion:152 Resp: 13084

Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.4	26.0
153	15.6	10.3	15.5#

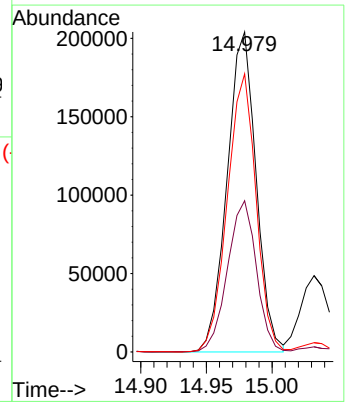


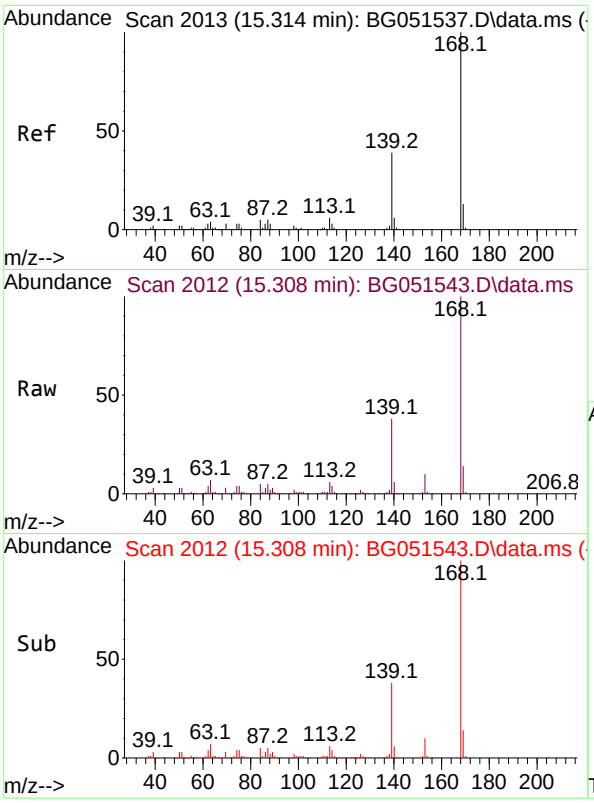


#52
Acenaphthene
Concen: 45.515 ng/ul
RT: 14.979 min Scan# 1956
Delta R.T. -0.004 min
Lab File: BG051543.D
Acq: 15 Dec 2021 19:02

Tgt Ion:153 Resp: 313768

Ion	Ratio	Lower	Upper
153	100		
152	47.2	36.5	54.7
154	86.9	65.8	98.6

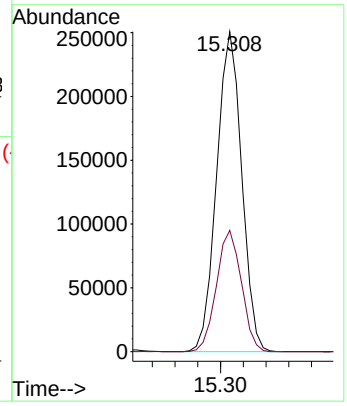


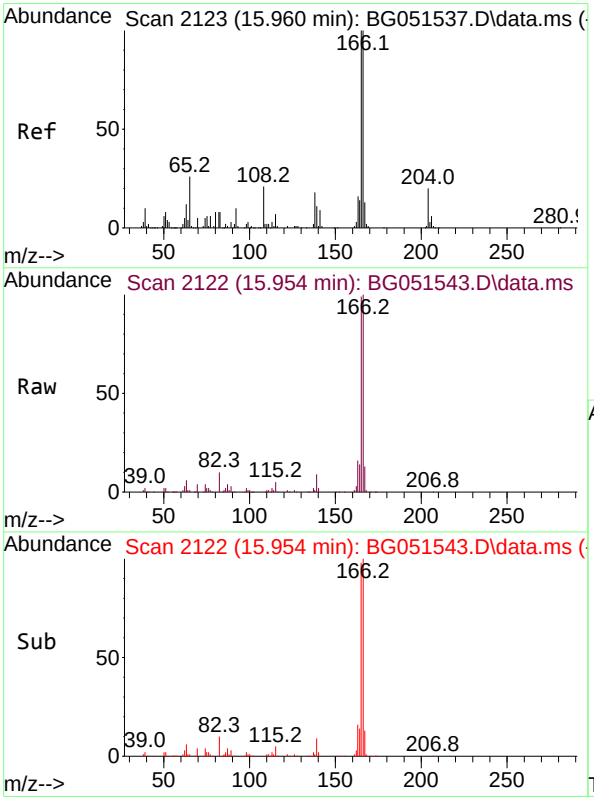


#56
Dibenzofuran
Concen: 37.801 ng/ul
RT: 15.308 min Scan# 2012
Delta R.T. -0.010 min
Lab File: BG051543.D
Acq: 15 Dec 2021 19:02

Tgt Ion:168 Resp: 383768

Ion	Ratio	Lower	Upper
168	100		
139	37.9	31.2	46.8

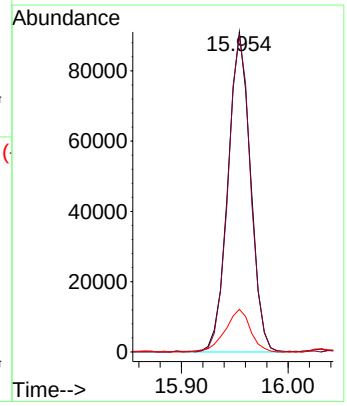


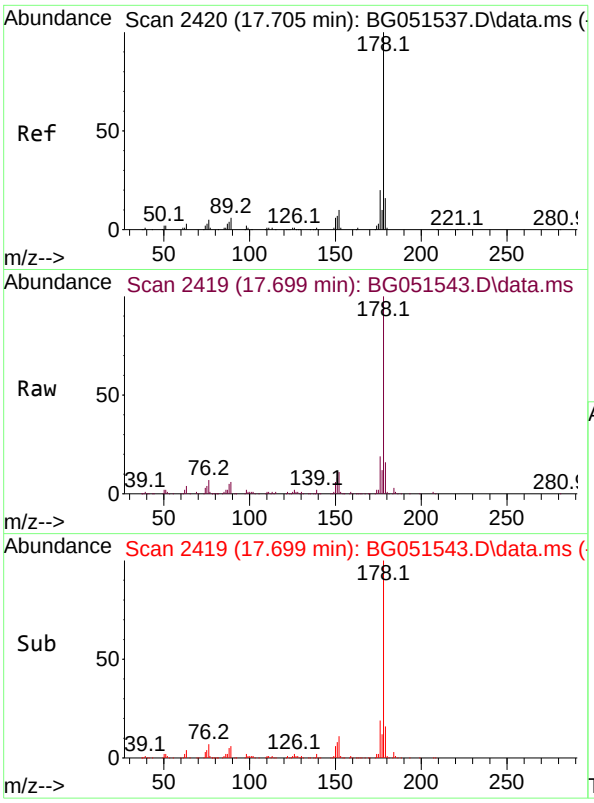


#61
Fluorene
Concen: 15.954 ng/ul
RT: 15.954 min Scan# 2122
Delta R.T. -0.010 min
Lab File: BG051543.D
Acq: 15 Dec 2021 19:02

Tgt Ion:166 Resp: 133463

Ion	Ratio	Lower	Upper
166	100		
165	98.8	81.0	121.6
167	13.3	11.0	16.4

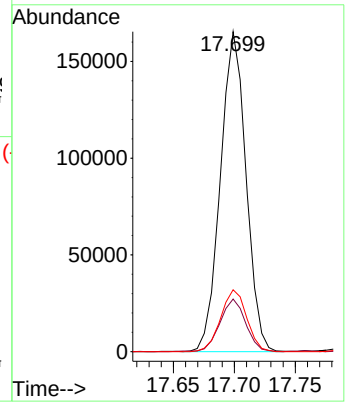


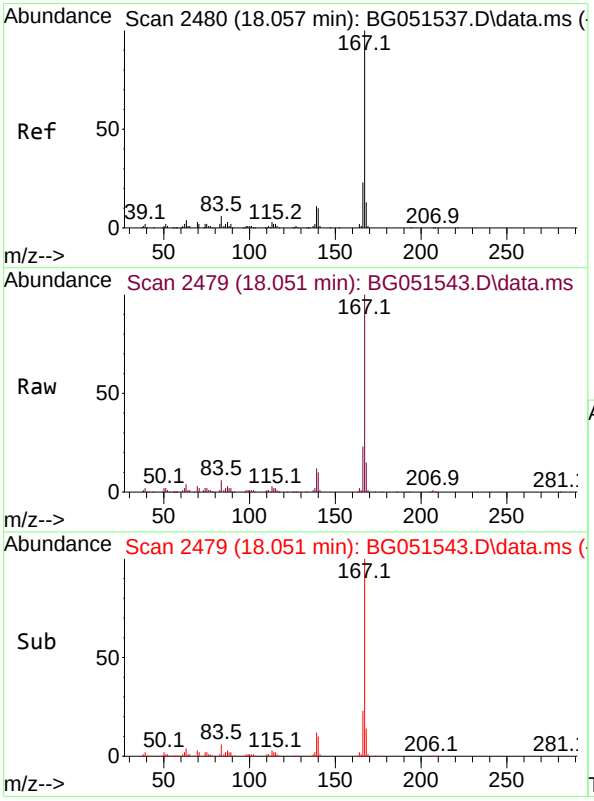


#72
Phenanthrene
Concen: 17.690 ng/ul
RT: 17.699 min Scan# 2419
Delta R.T. -0.010 min
Lab File: BG051543.D
Acq: 15 Dec 2021 19:02

Tgt Ion:178 Resp: 241593

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.3	18.5
176	19.3	15.5	23.3

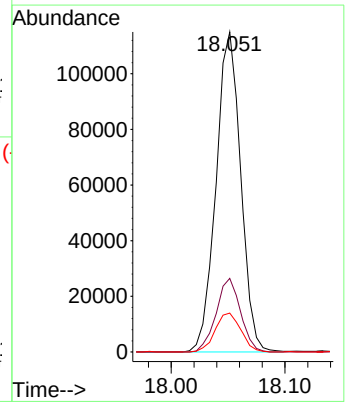


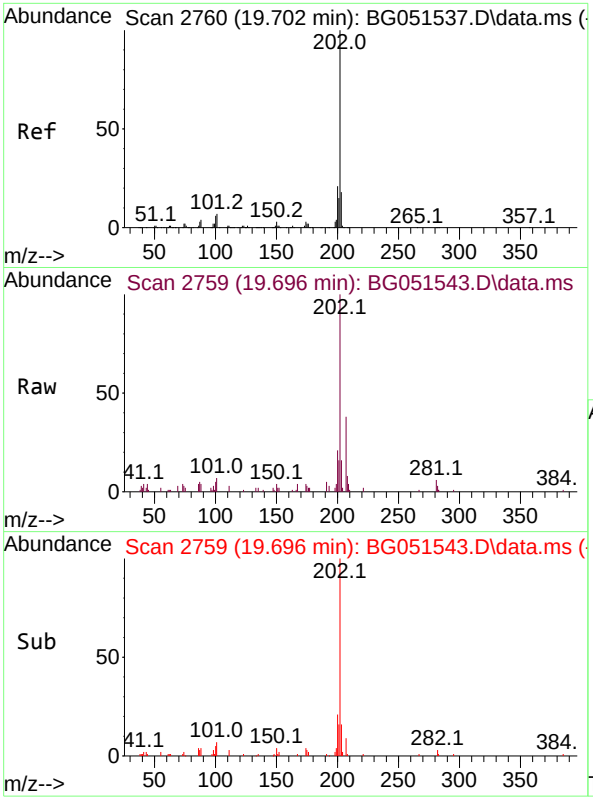


#77
Carbazole
Concen: 14.038 ng/ul
RT: 18.051 min Scan# 2479
Delta R.T. -0.010 min
Lab File: BG051543.D
Acq: 15 Dec 2021 19:02

Tgt Ion:167 Resp: 173441

Ion	Ratio	Lower	Upper
167	100		
166	23.0	17.3	25.9
139	12.2	10.6	16.0





#80
Fluoranthene
Concen: 1.115 ng/ul
RT: 19.696 min Scan# 2759
Delta R.T. -0.010 min
Lab File: BG051543.D
Acq: 15 Dec 2021 19:02

Tgt Ion:202 Resp: 20880

Ion	Ratio	Lower	Upper
202	100		
101	6.7	9.3	13.9#
100	4.9	7.0	10.6#