Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051239.D
Acq On : 25 Nov 2021 10:29
Operator : CG/JU
Sample : M4725-09
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F4L15

Quant Time: Nov 26 00:48:47 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 24 06:04:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.200	152	32298	20.000	ng/ul	0.00
20) Naphthalene-d8	11.026	136	147978	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.834	164	95187	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.578	188	194010	20.000	ng/ul	0.00
79) Chrysene-d12	21.878	240	175209	20.000	ng/ul	0.00
88) Perylene-d12	25.280	264	174546	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.541	96	3805	4.094	ng/uL	0.00
4) Pyridine-d5	3.976	84	19098	7.003	ng/ul	0.00
7) Phenol-d5	7.360	99	22599	7.080	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.513	67	62936	31.393	ng/ul	0.00
11) 2-Chlorophenol-d4	7.730	132	56973	24.786	ng/ul	0.00
15) 4-Methylphenol-d8	8.911	113	42136	16.357	ng/ul	0.00
21) Nitrobenzene-d5	9.375	128	39744	31.817	ng/ul	0.00
24) 2-Nitrophenol-d4	10.104	143	44312	31.447	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.650	165	71217	29.788	ng/ul	0.00
31) 4-Chloroaniline-d4	11.162	131	85855	24.543	ng/ul	0.00
46) Dimethylphthalate-d6	14.223	166	267165	36.478	ng/ul	0.00
49) Acenaphthylene-d8	14.528	160	321224	34.781	ng/ul	0.00
54) 4-Nitrophenol-d4	15.063	143	8019	6.764	ng/ul	0.01
60) Fluorene-d10	15.821	176	229916	34.860	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.950	200	33389	27.890	ng/ul	0.00
73) Anthracene-d10	17.683	188	352592	38.000	ng/ul	0.00
81) Pyrene-d10	19.963	212	393990	37.164	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.051	264	356625	38.256	ng/ul	0.00
Target Compounds						Qvalue
8) Phenol	7.390	94	4434	1.341	ng/ul#	90
30) Naphthalene	11.079	128	354624	44.043	ng/ul	99
36) 2-Methylnaphthalene	12.672	142	5982	1.092	ng/ul	95
37) 1-Methylnaphthalene	12.889	142	23120	4.103	ng/ul	94
50) Acenaphthylene	14.558	152	11229	1.231	ng/ul#	93
52) Acenaphthene	14.898	153	263890	43.853	ng/ul	96
56) Dibenzofuran	15.227	168	23981	2.763	ng/ul	99
61) Fluorene	15.880	166	108059	15.542	ng/ul	96
72) Phenanthrene	17.625	178	11486	1.072	ng/ul	100
77) Carbazole	17.989	167	53542	5.734	ng/ul	97

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

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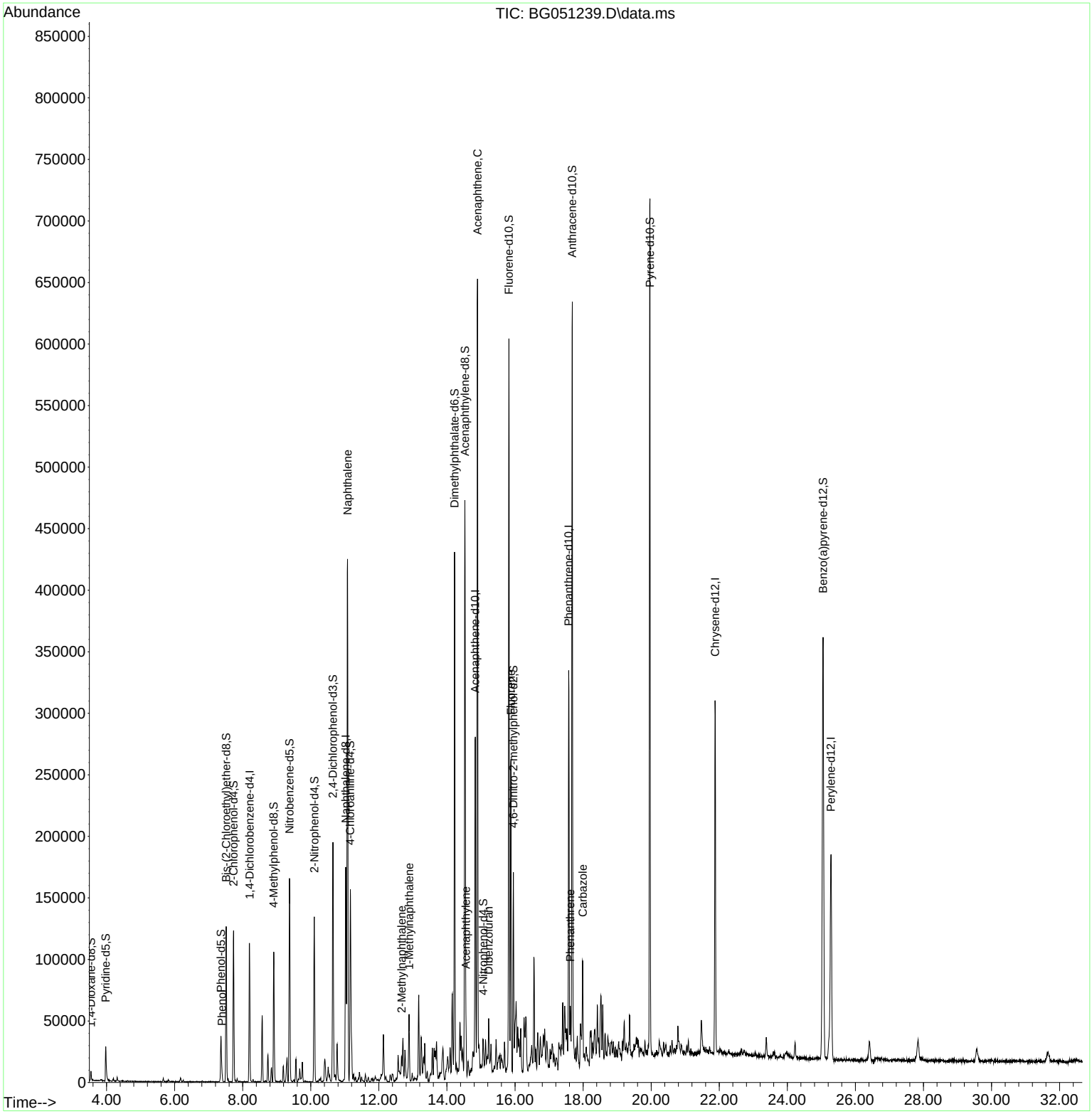
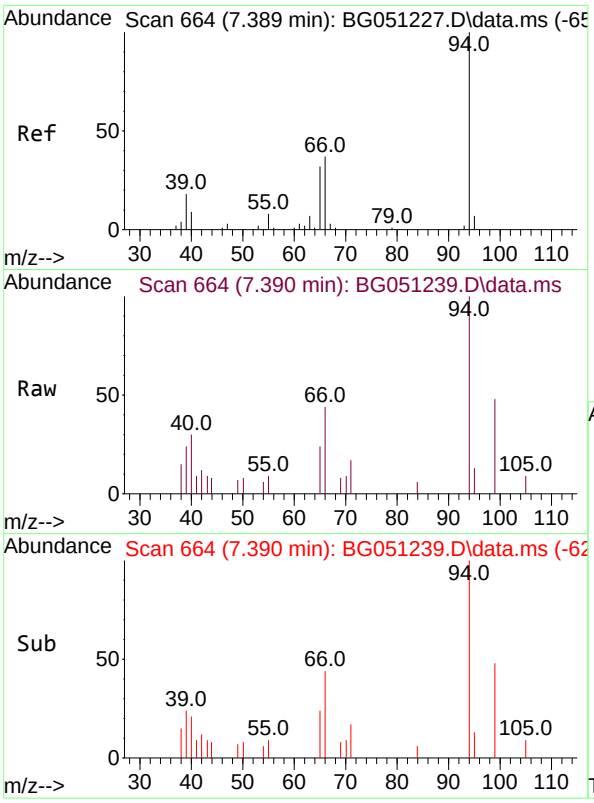


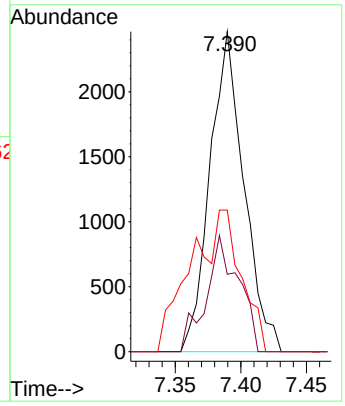


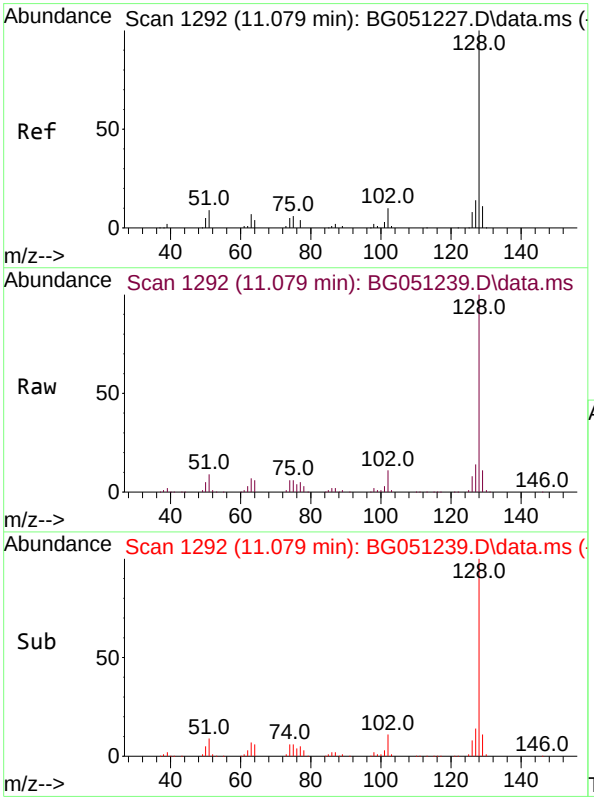
#8
Phenol
Concen: 1.341 ng/ul
RT: 7.390 min Scan# 6
Delta R.T. 0.003 min
Lab File: BG051239.D
Acq: 25 Nov 2021 10:29

Instrument :
BNA_G
ClientSampleId :
F4L15

Tgt Ion: 94 Resp: 4434

Ion	Ratio	Lower	Upper
94	100		
65	24.2	25.1	37.7#
66	44.3	31.6	47.4

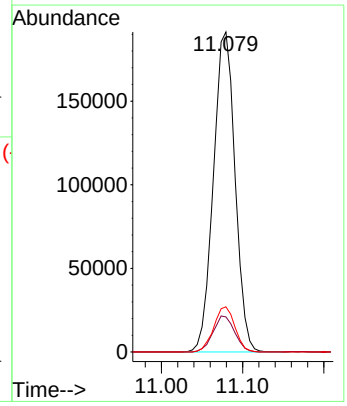


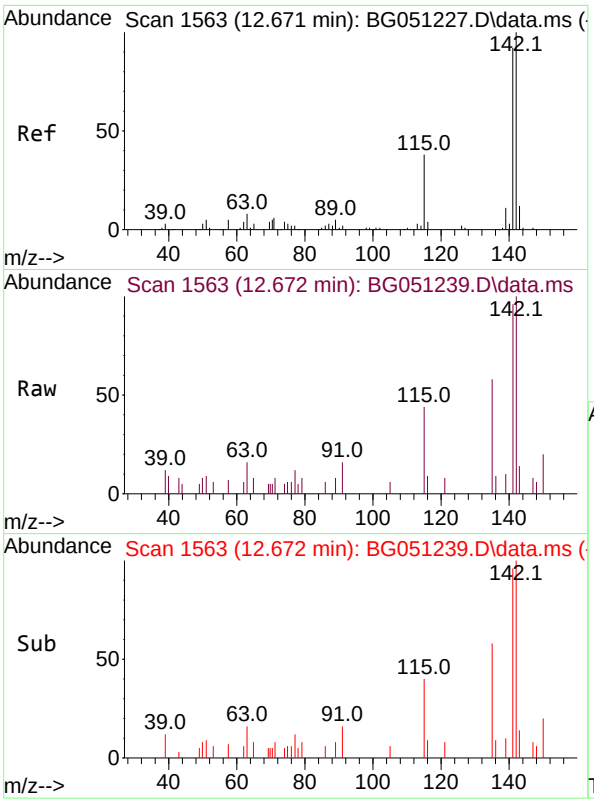


#30
Naphthalene
Concen: 44.043 ng/ul
RT: 11.079 min Scan# 1292
Delta R.T. 0.003 min
Lab File: BG051239.D
Acq: 25 Nov 2021 10:29

Tgt Ion:128 Resp: 354624

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.5	12.7
127	14.1	11.8	17.6



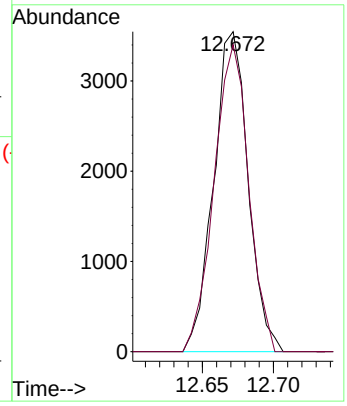


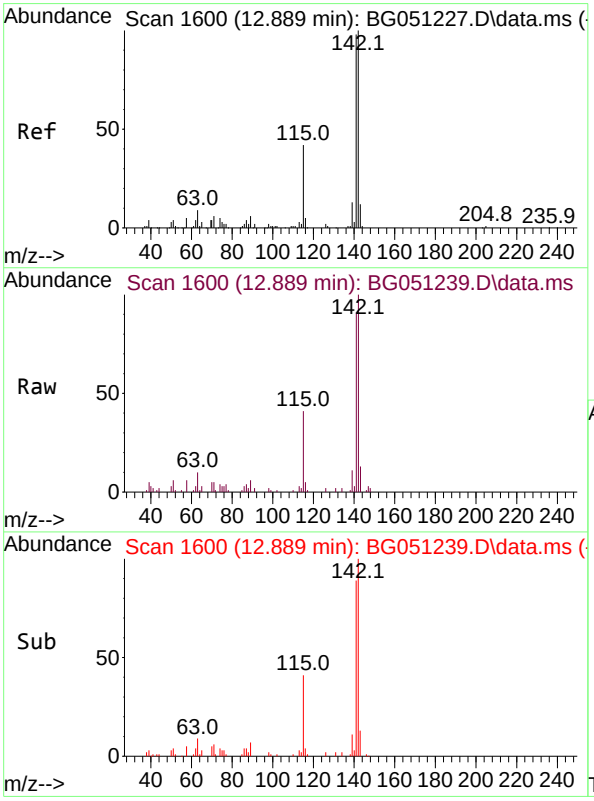
#36
2-Methylnaphthalene
Concen: 1.092 ng/ul
RT: 12.672 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG051239.D
Acq: 25 Nov 2021 10:29

Instrument :
BNA_G
ClientSampleId :
F4L15

Tgt Ion:142 Resp: 5982

Ion	Ratio	Lower	Upper
142	100		
141	95.9	73.3	109.9

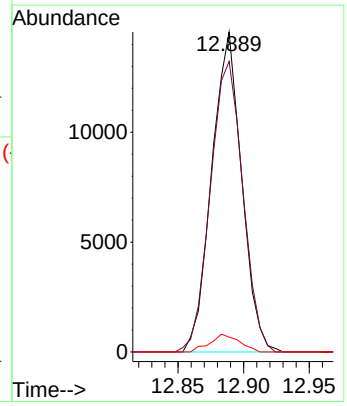


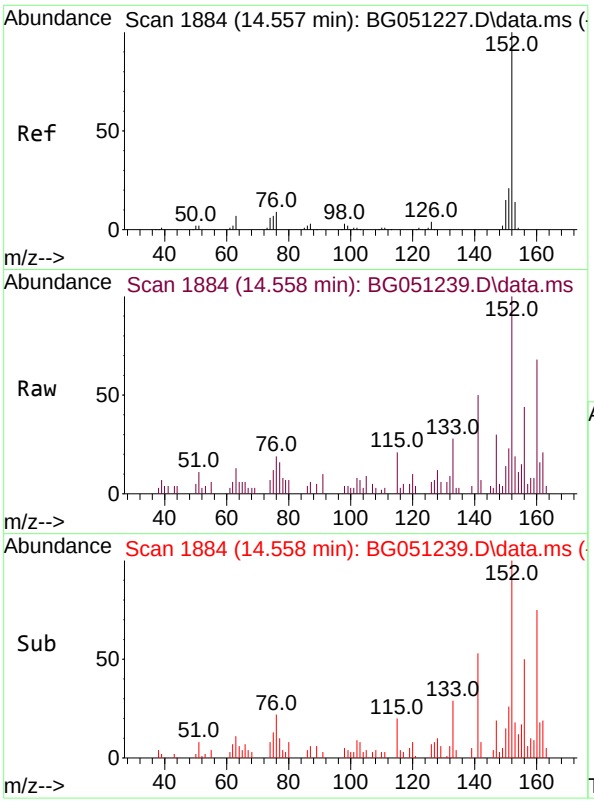


#37
1-Methylnaphthalene
Concen: 4.103 ng/ul
RT: 12.889 min Scan# 1600
Delta R.T. 0.003 min
Lab File: BG051239.D
Acq: 25 Nov 2021 10:29

Tgt Ion:142 Resp: 23120

Ion	Ratio	Lower	Upper
142	100		
141	90.8	77.8	116.8
116	4.6	3.3	4.9



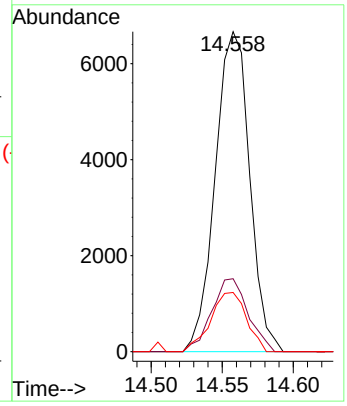


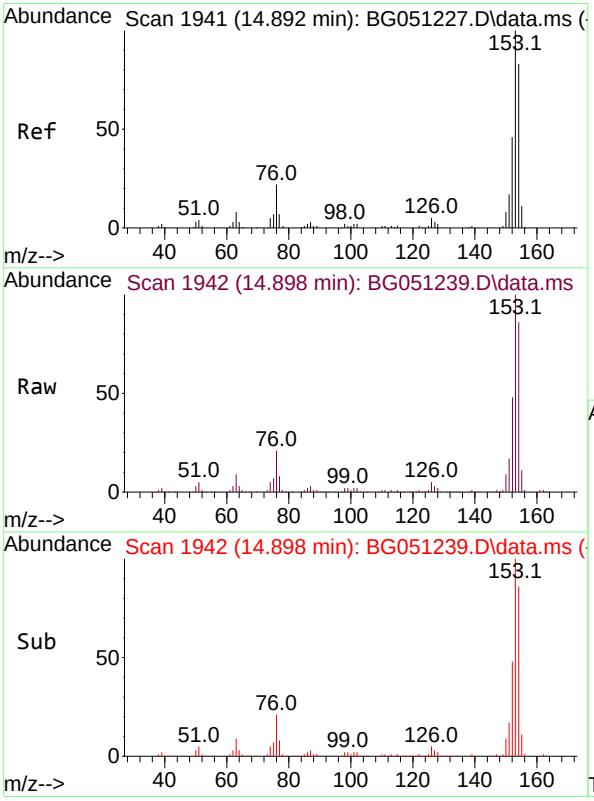
#50
Acenaphthylene
Concen: 1.231 ng/ul
RT: 14.558 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG051239.D
Acq: 25 Nov 2021 10:29

Instrument :
BNA_G
ClientSampleId :
F4L15

Tgt Ion:152 Resp: 11229

Ion	Ratio	Lower	Upper
152	100		
151	22.8	17.4	26.0
153	18.5	10.3	15.5#

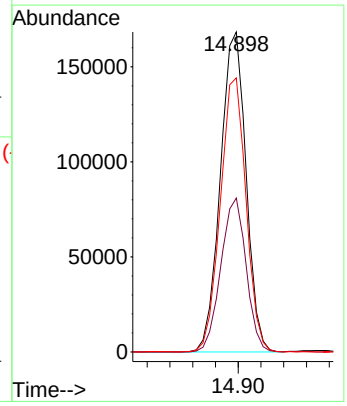


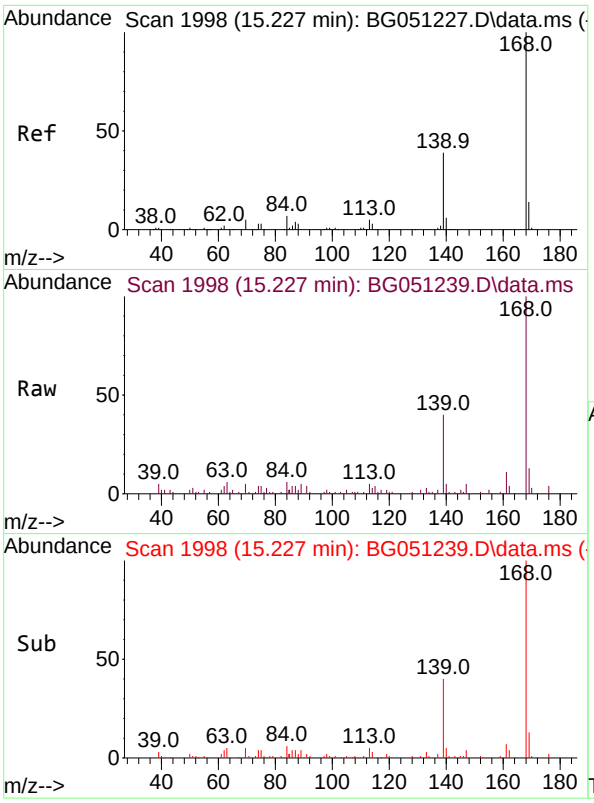


#52
Acenaphthene
Concen: 43.853 ng/ul
RT: 14.898 min Scan# 1942
Delta R.T. 0.003 min
Lab File: BG051239.D
Acq: 25 Nov 2021 10:29

Tgt Ion:153 Resp: 263890

Ion	Ratio	Lower	Upper
153	100		
152	48.1	36.5	54.7
154	85.6	65.8	98.6



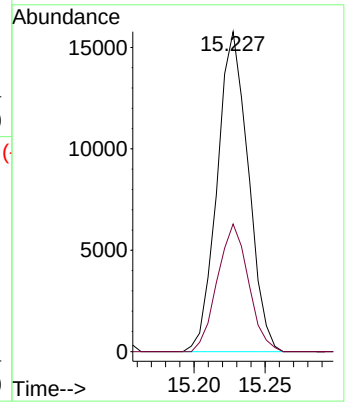


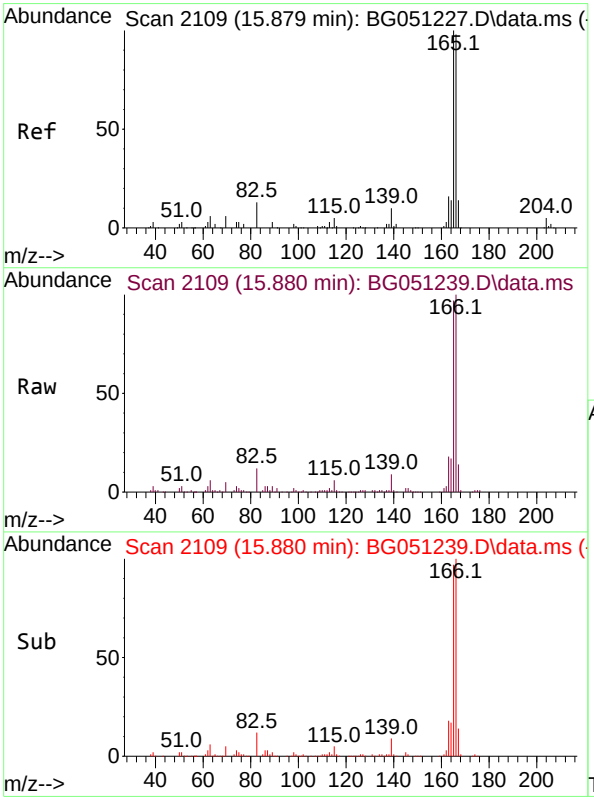
#56
Dibenzofuran
Concen: 2.763 ng/ul
RT: 15.227 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG051239.D
Acq: 25 Nov 2021 10:29

Instrument :
BNA_G
ClientSampleId :
F4L15

Tgt Ion:168 Resp: 23981

Ion	Ratio	Lower	Upper
168	100		
139	39.9	31.2	46.8

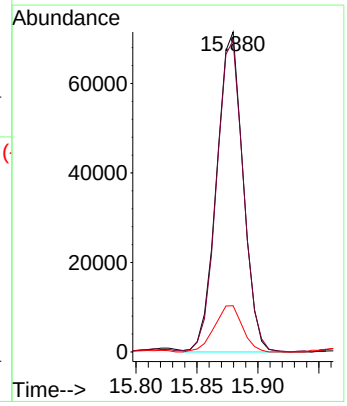


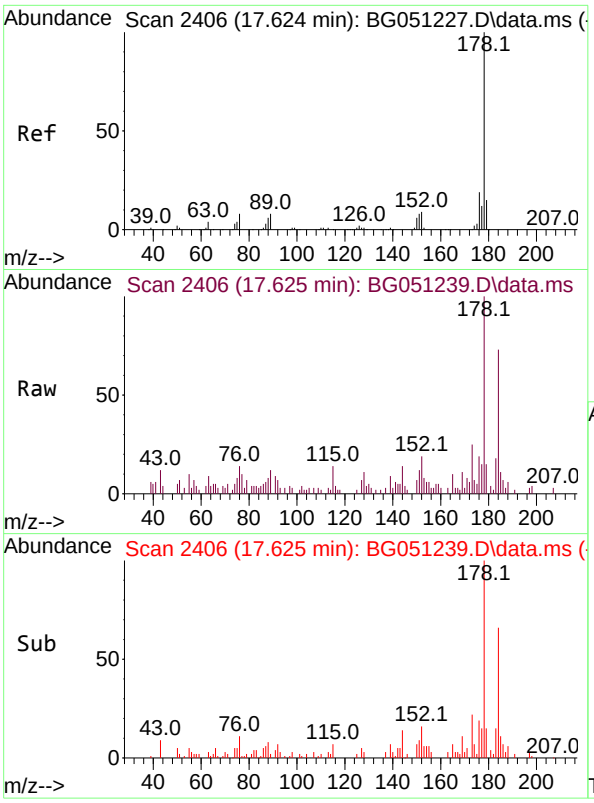


#61
Fluorene
Concen: 15.542 ng/ul
RT: 15.880 min Scan# 2109
Delta R.T. 0.003 min
Lab File: BG051239.D
Acq: 25 Nov 2021 10:29

Tgt Ion:166 Resp: 108059

Ion	Ratio	Lower	Upper
166	100		
165	97.4	81.0	121.6
167	14.5	11.0	16.4



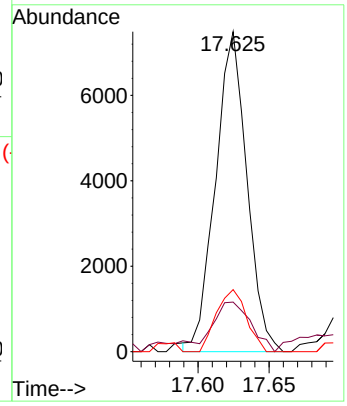


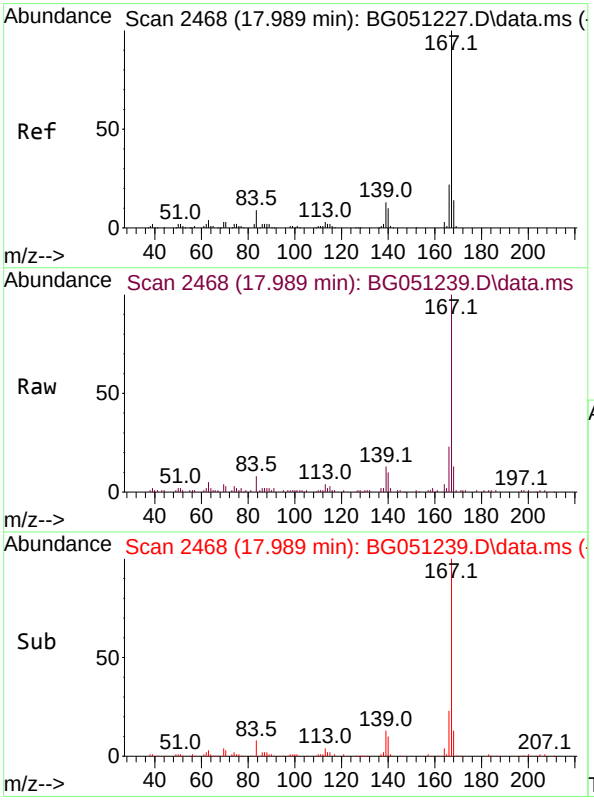
#72
Phenanthrene
Concen: 1.072 ng/ul
RT: 17.625 min Scan# 24
Delta R.T. 0.003 min
Lab File: BG051239.D
Acq: 25 Nov 2021 10:29

Instrument :
BNA_G
ClientSampleId :
F4L15

Tgt Ion:178 Resp: 11486

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	19.4	15.5	23.3





#77
Carbazole
Concen: 5.734 ng/ul
RT: 17.989 min Scan# 2468
Delta R.T. 0.003 min
Lab File: BG051239.D
Acq: 25 Nov 2021 10:29

Tgt Ion:167 Resp: 53542

Ion	Ratio	Lower	Upper
167	100		
166	23.4	17.3	25.9
139	13.1	10.6	16.0