Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050951.D
Acq On : 10 Nov 2021 20:23
Operator : CG/JU
Sample : M4419-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0HF4

Quant Time: Nov 11 01:12:57 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 02 14:49:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.230	152	37600	20.000	ng/ul	0.00
20) Naphthalene-d8	11.050	136	171406	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.852	164	111851	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.595	188	206029	20.000	ng/ul	-0.01
79) Chrysene-d12	21.902	240	180428	20.000	ng/ul	0.00
88) Perylene-d12	25.298	264	185716	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.588	96	2972	2.551	ng/uL	0.00
4) Pyridine-d5	4.017	84	20872	5.989	ng/ul	0.00
7) Phenol-d5	7.366	99	53113	13.241	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.542	67	37568	14.499	ng/ul	0.00
11) 2-Chlorophenol-d4	7.754	132	40739	14.655	ng/ul	-0.01
15) 4-Methylphenol-d8	8.923	113	41377	13.103	ng/ul	-0.01
21) Nitrobenzene-d5	9.405	128	21955	15.073	ng/ul	0.00
24) 2-Nitrophenol-d4	10.122	143	23374	14.432	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.668	165	39916	14.630	ng/ul	0.00
31) 4-Chloroaniline-d4	11.185	131	56522	13.680	ng/ul	0.00
46) Dimethylphthalate-d6	14.240	166	131852	15.408	ng/ul	-0.01
49) Acenaphthylene-d8	14.546	160	178098	16.705	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.040	143	14075	9.071	ng/ul	0.00
60) Fluorene-d10	15.839	176	120672	15.919	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.956	200	18004	14.414	ng/ul	0.00
73) Anthracene-d10	17.695	188	174737	17.939	ng/ul	-0.01
81) Pyrene-d10	19.975	212	183355	15.734	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.063	264	167843	16.348	ng/ul	-0.01
Target Compounds						Qvalue
30) Naphthalene	11.103	128	32881	3.508	ng/ul	99
36) 2-Methylnaphthalene	12.689	142	33132	5.189	ng/ul	97
37) 1-Methylnaphthalene	12.907	142	46039	7.116	ng/ul	99
43) 1,1'-Biphenyl	13.682	154	9260	1.133	ng/ul	97
52) Acenaphthene	14.916	153	12407	1.766	ng/ul	94
61) Fluorene	15.891	166	27149	3.411	ng/ul#	97
72) Phenanthrene	17.636	178	72273	6.572	ng/ul#	95
82) Pyrene	20.004	202	20674	1.513	ng/ul#	63
87) Chrysene	21.943	228	11963	1.003	ng/ul#	55

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

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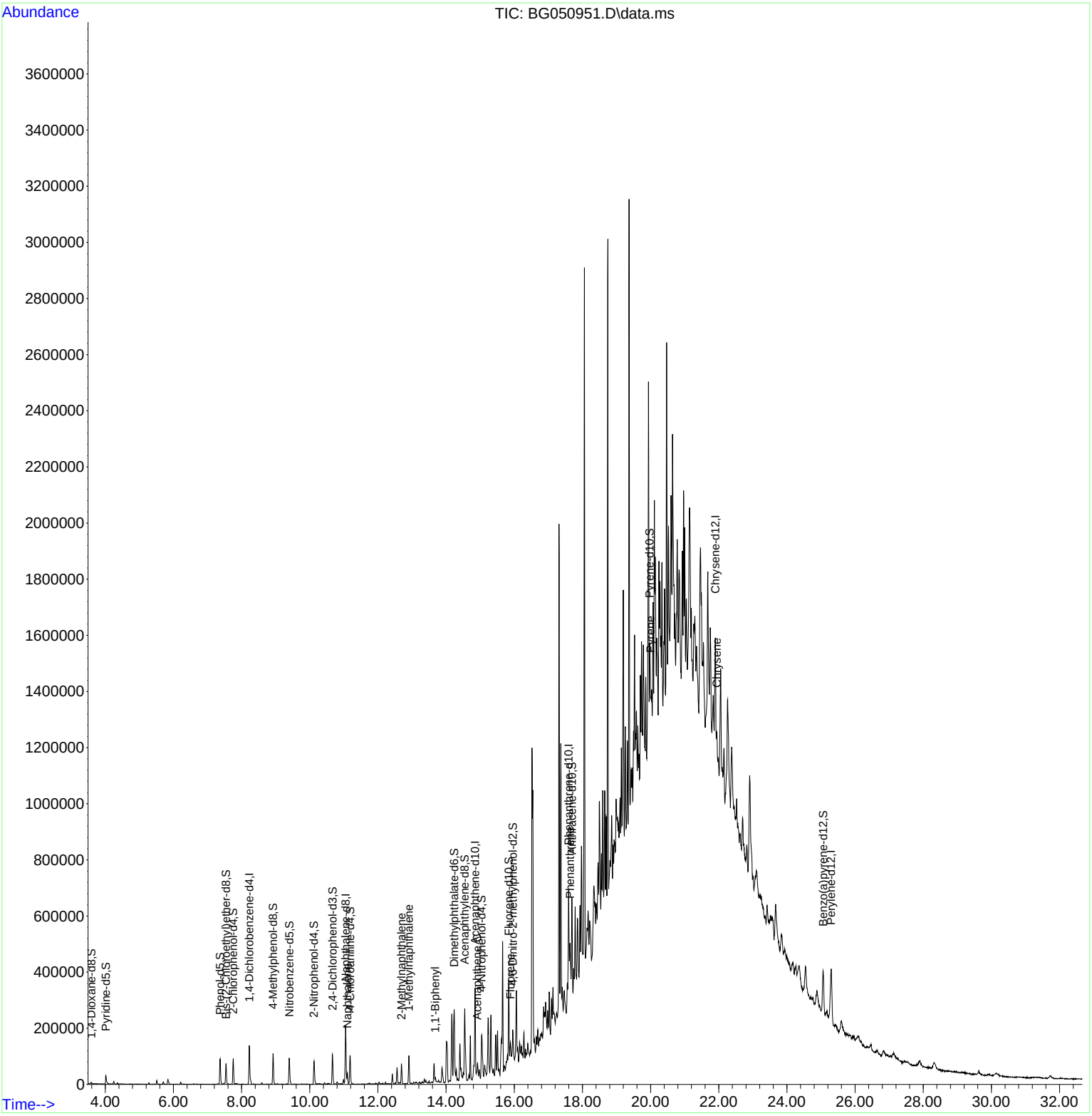
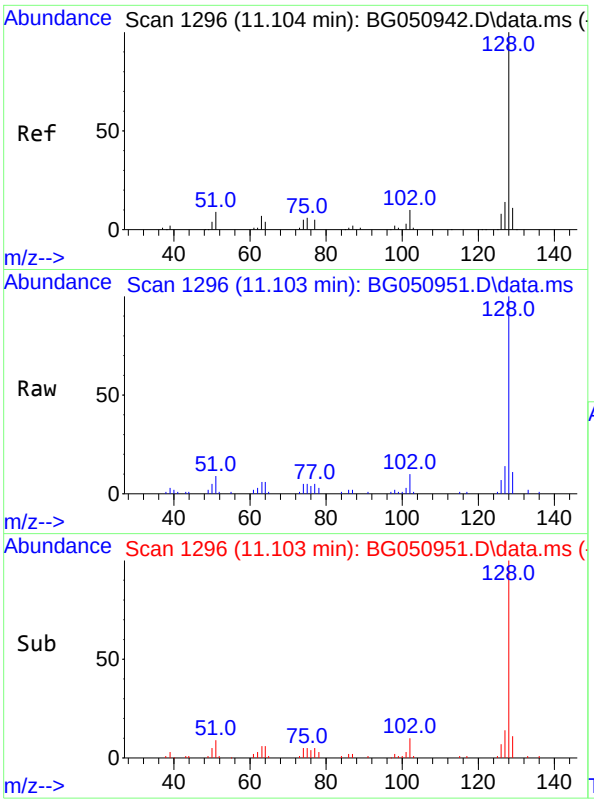


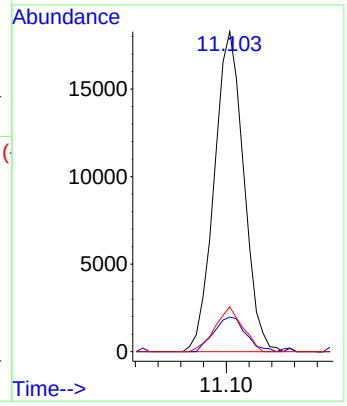


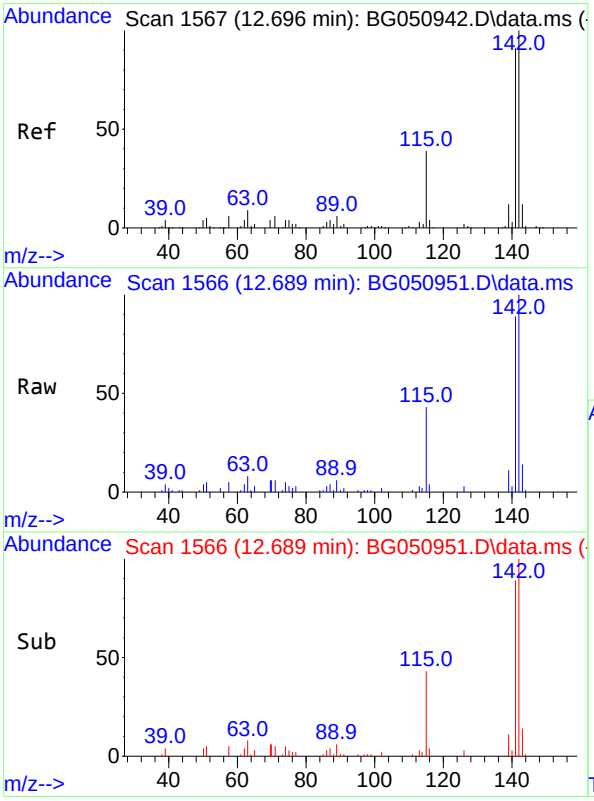
#30
Naphthalene
Concen: 3.508 ng/ul
RT: 11.103 min Scan# 1
Delta R.T. -0.010 min
Lab File: BG050951.D
Acq: 10 Nov 2021 20:23

Instrument :
BNA_G
ClientSampleId :
C0HF4

Tgt Ion:128 Resp: 32881

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.5	12.7
127	14.0	11.8	17.6

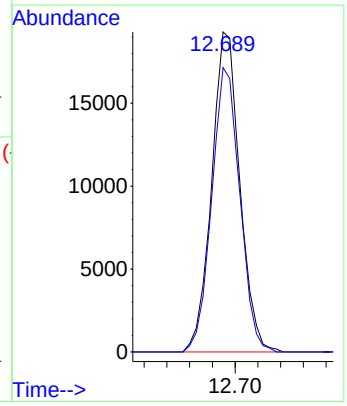


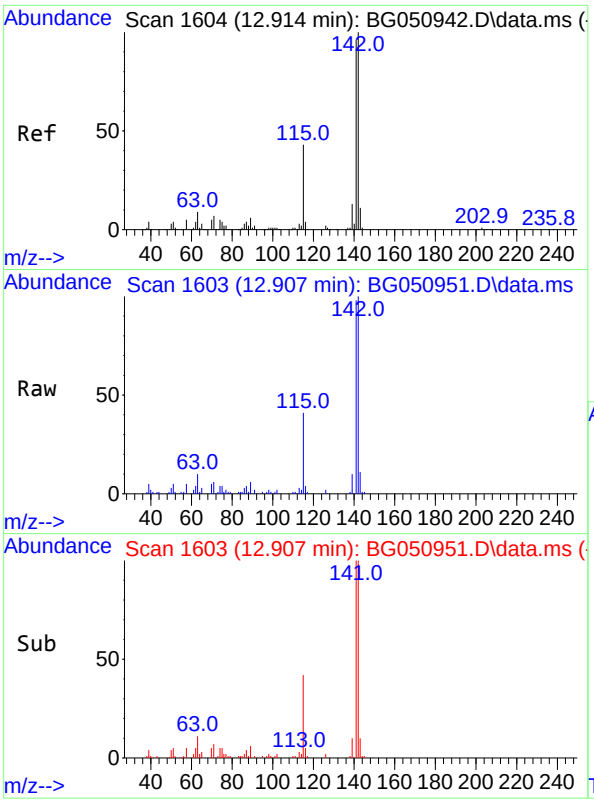


#36
2-Methylnaphthalene
Concen: 5.189 ng/ul
RT: 12.689 min Scan# 1566
Delta R.T. -0.010 min
Lab File: BG050951.D
Acq: 10 Nov 2021 20:23

Tgt Ion:142 Resp: 33132

Ion	Ratio	Lower	Upper
142	100		
141	88.8	73.3	109.9



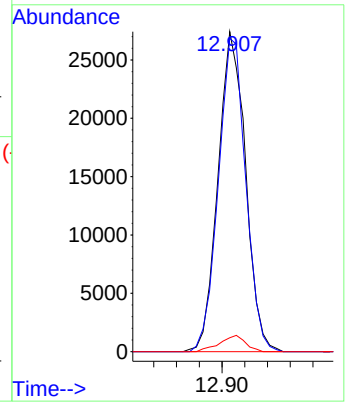


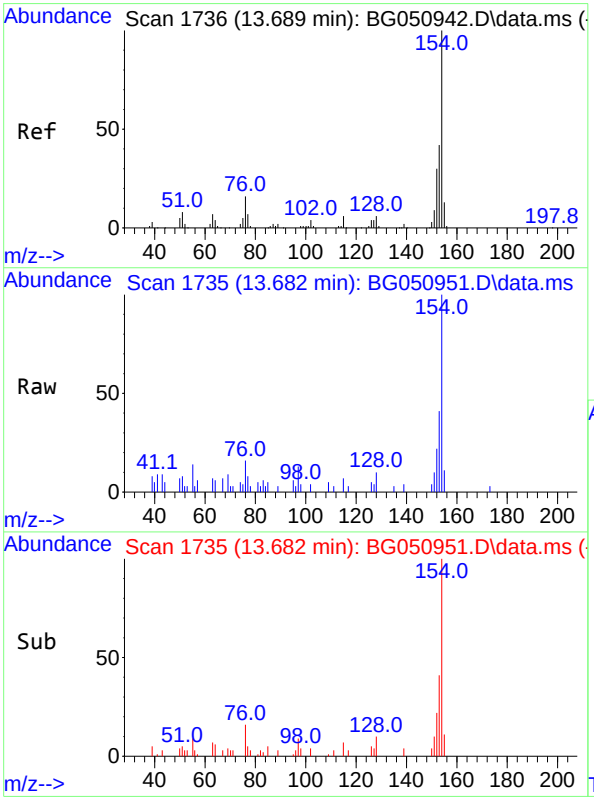
#37
1-Methylnaphthalene
Concen: 7.116 ng/ul
RT: 12.907 min Scan# 1
Delta R.T. -0.010 min
Lab File: BG050951.D
Acq: 10 Nov 2021 20:23

Instrument :
BNA_G
ClientSampleId :
C0HF4

Tgt Ion:142 Resp: 46039

Ion	Ratio	Lower	Upper
142	100		
141	97.9	77.8	116.8
116	4.3	3.3	4.9

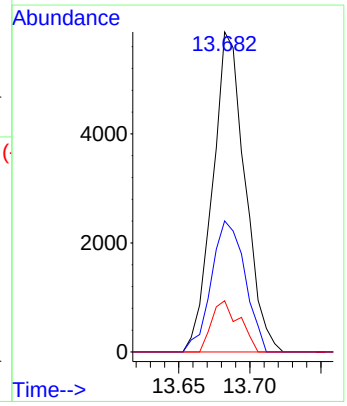


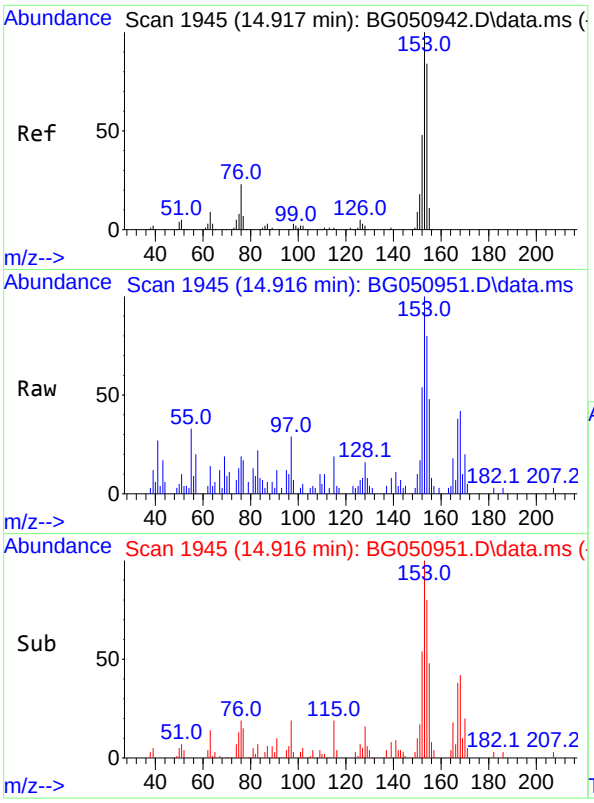


#43
1,1'-Biphenyl
Concen: 1.133 ng/ul
RT: 13.682 min Scan# 1735
Delta R.T. -0.010 min
Lab File: BG050951.D
Acq: 10 Nov 2021 20:23

Tgt Ion:154 Resp: 9260

Ion	Ratio	Lower	Upper
154	100		
153	41.0	34.5	51.7
76	16.0	13.1	19.7



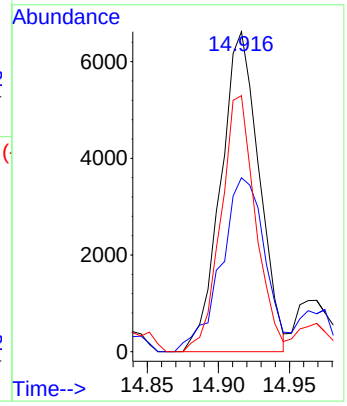


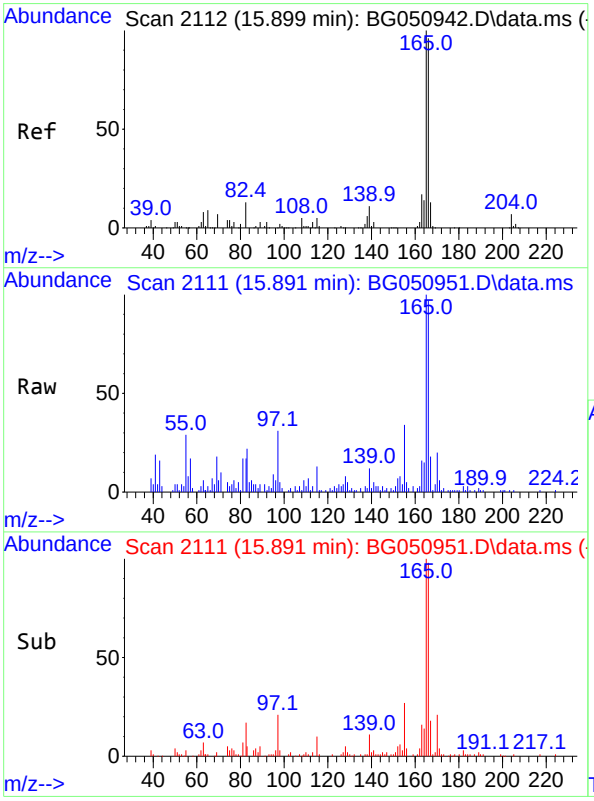
#52
Acenaphthene
Concen: 1.766 ng/ul
RT: 14.916 min Scan# 1
Delta R.T. -0.010 min
Lab File: BG050951.D
Acq: 10 Nov 2021 20:23

Instrument :
BNA_G
ClientSampleId :
C0HF4

Tgt Ion:153 Resp: 12407

Ion	Ratio	Lower	Upper
153	100		
152	54.4	36.5	54.7
154	80.0	65.8	98.6

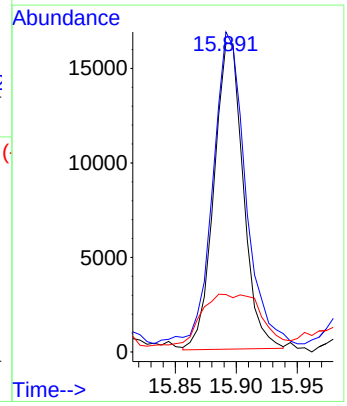


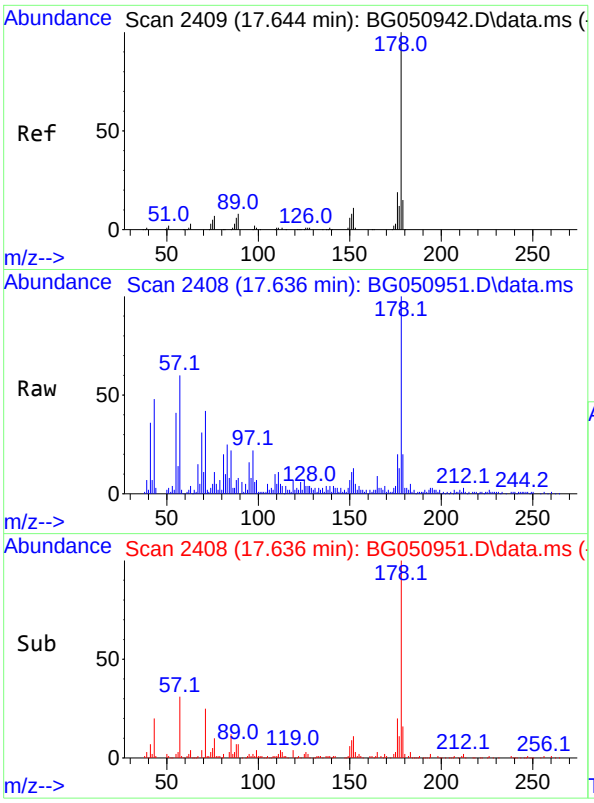


#61
Fluorene
Concen: 3.411 ng/ul
RT: 15.891 min Scan# 2111
Delta R.T. -0.016 min
Lab File: BG050951.D
Acq: 10 Nov 2021 20:23

Tgt Ion:166 Resp: 27149

Ion	Ratio	Lower	Upper
166	100		
165	103.6	81.0	121.6
167	18.6	11.0	16.4#



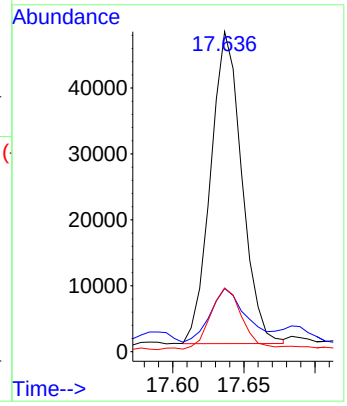


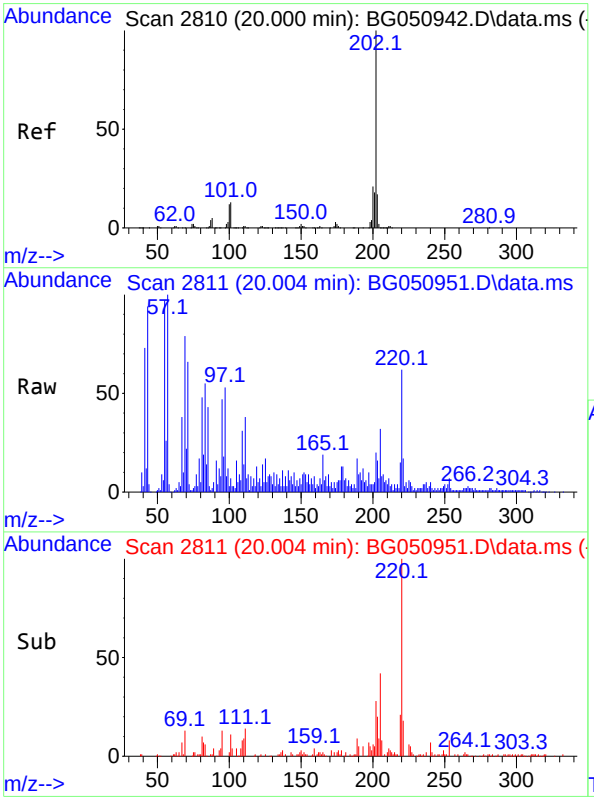
#72
Phenanthrene
Concen: 6.572 ng/ul
RT: 17.636 min Scan# 24
Delta R.T. -0.010 min
Lab File: BG050951.D
Acq: 10 Nov 2021 20:23

Instrument :
BNA_G
ClientSampleId :
C0HF4

Tgt Ion:178 Resp: 72273

Ion	Ratio	Lower	Upper
178	100		
179	19.8	12.3	18.5#
176	19.9	15.5	23.3

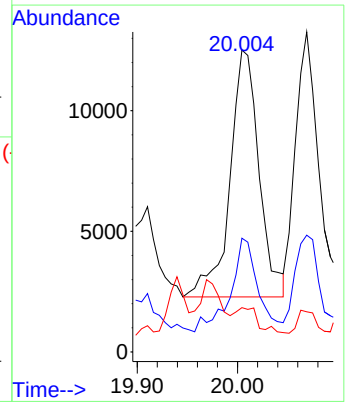


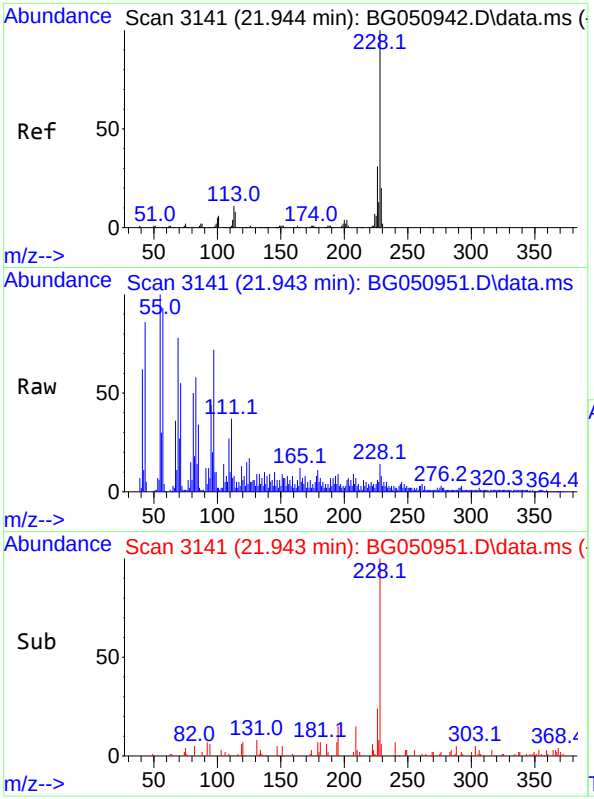


#82
Pyrene
Concen: 1.513 ng/ul
RT: 20.004 min Scan# 2811
Delta R.T. -0.004 min
Lab File: BG050951.D
Acq: 10 Nov 2021 20:23

Tgt Ion:202 Resp: 20674

Ion	Ratio	Lower	Upper
202	100		
101	37.7	10.7	16.1#
100	14.7	9.0	13.6#





#87
Chrysene
Concen: 1.003 ng/ul
RT: 21.943 min Scan# 3
Delta R.T. -0.010 min
Lab File: BG050951.D
Acq: 10 Nov 2021 20:23

Instrument :
BNA_G
ClientSampleId :
C0HF4

Tgt Ion:228 Resp: 11963

Ion	Ratio	Lower	Upper
228	100		
226	42.2	24.8	37.2#
229	58.5	15.8	23.6#