Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050950.D
Acq On : 10 Nov 2021 19:41
Operator : CG/JU
Sample : M4419-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0HF1

Quant Time: Nov 11 00:50:04 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	8.229	152	42974	20.000	ng/ul	0.00
20) Naphthalene-d8	11.049	136	186990	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.851	164	113200	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.595	188	202549	20.000	ng/ul	-0.01
79) Chrysene-d12	21.907	240	174877	20.000	ng/ul	# 0.00
88) Perylene-d12	25.315	264	178710	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.587	96	2487	1.868	ng/uL	0.00
4) Pyridine-d5	4.016	84	23635	5.934	ng/ul	0.00
7) Phenol-d5	7.371	99	49088	10.707	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.542	67	36683	12.387	ng/ul	0.00
11) 2-Chlorophenol-d4	7.753	132	38014	11.965	ng/ul	-0.01
15) 4-Methylphenol-d8	8.922	113	37590	10.415	ng/ul	-0.01
21) Nitrobenzene-d5	9.404	128	20797	13.088	ng/ul	0.00
24) 2-Nitrophenol-d4	10.127	143	21511	12.174	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.667	165	36330	12.206	ng/ul	0.00
31) 4-Chloroaniline-d4	11.184	131	50121	11.120	ng/ul	0.00
46) Dimethylphthalate-d6	14.240	166	128799	14.872	ng/ul	-0.01
49) Acenaphthylene-d8	14.545	160	165740	15.361	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.039	143	12466	7.939	ng/ul	0.00
60) Fluorene-d10	15.838	176	111687	14.558	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.955	200	10212	8.316	ng/ul	0.00
73) Anthracene-d10	17.694	188	157225	16.418	ng/ul	-0.01
81) Pyrene-d10	19.974	212	166577	14.748	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.080	264	145689	14.747	ng/ul	0.00
Target Compounds						Qvalue
37) 1-Methylnaphthalene	12.906	142	10912	1.546	ng/ul#	98
43) 1,1'-Biphenyl	13.687	154	15318	1.851	ng/ul	95
52) Acenaphthene	14.910	153	27874	3.920	ng/ul	95
56) Dibenzofuran	15.244	168	10424	1.024	ng/ul#	83
61) Fluorene	15.891	166	28618	3.552	ng/ul#	99
72) Phenanthrene	17.636	178	167185	15.463	ng/ul#	96
80) Fluoranthene	19.639	202	38059	2.808	ng/ul#	90
82) Pyrene	20.009	202	52970	3.999	ng/ul#	83
87) Chrysene	21.954	228	31089	2.688	ng/ul#	54

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

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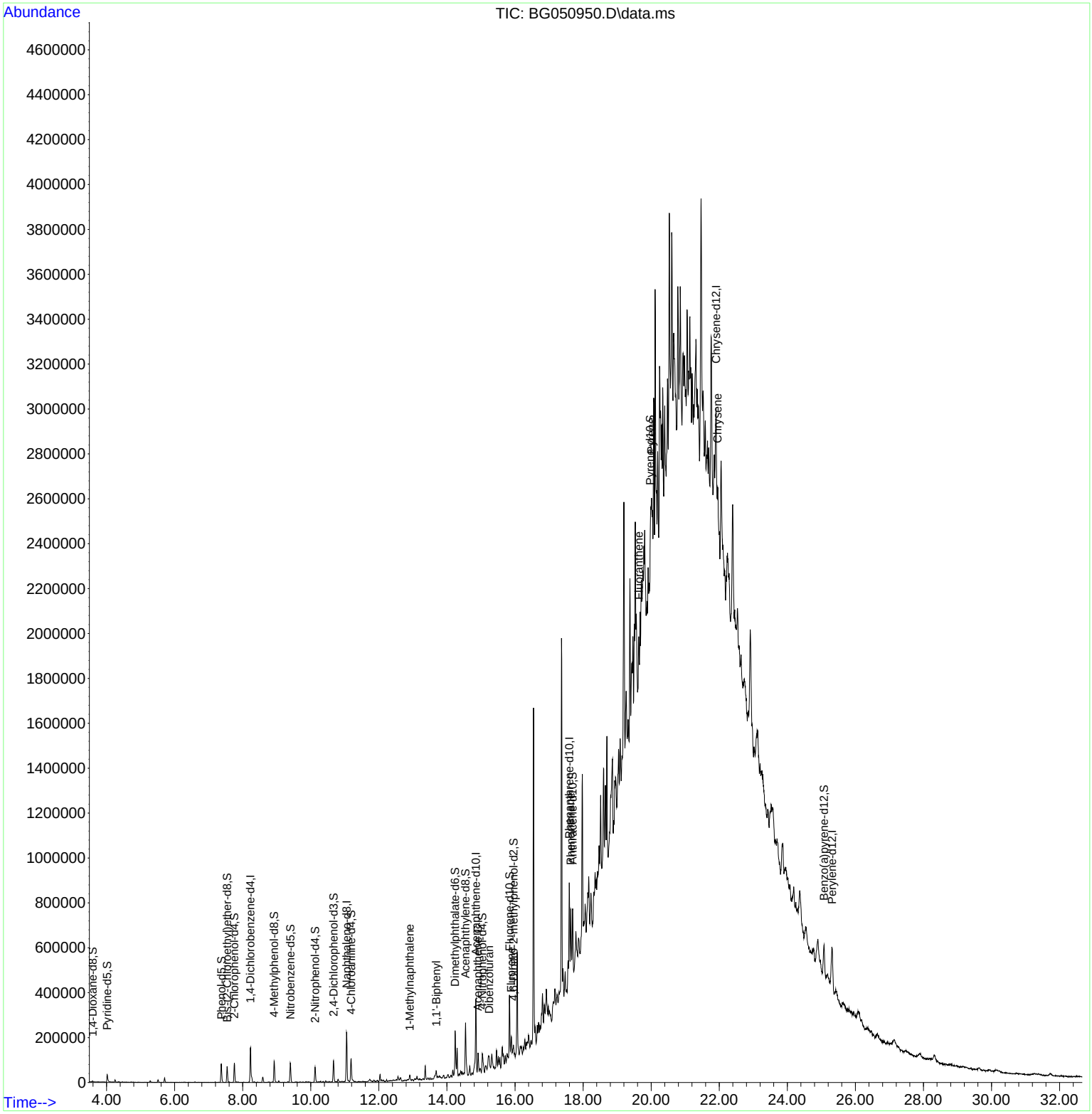
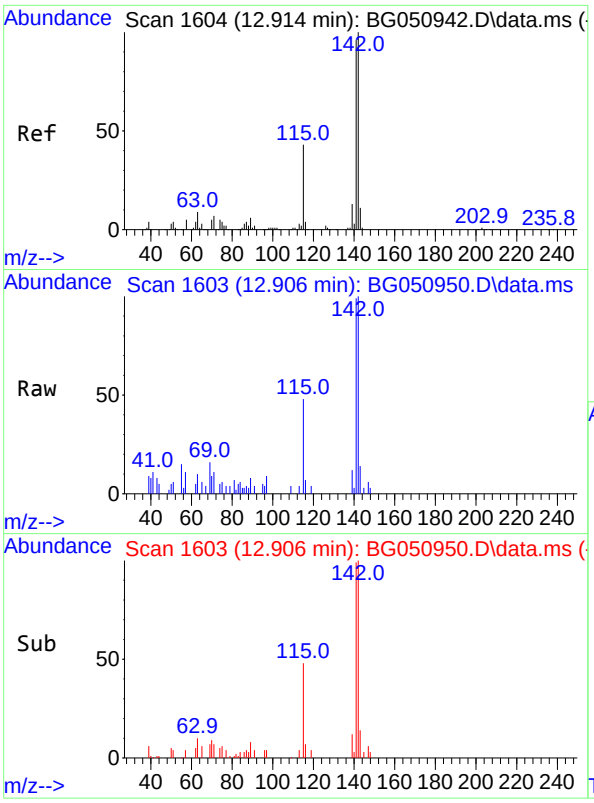


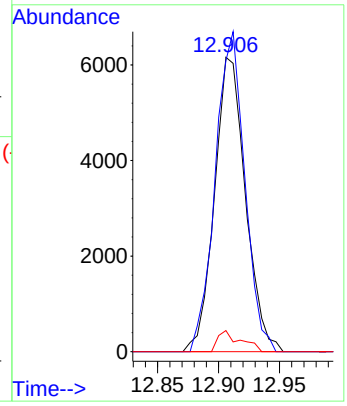


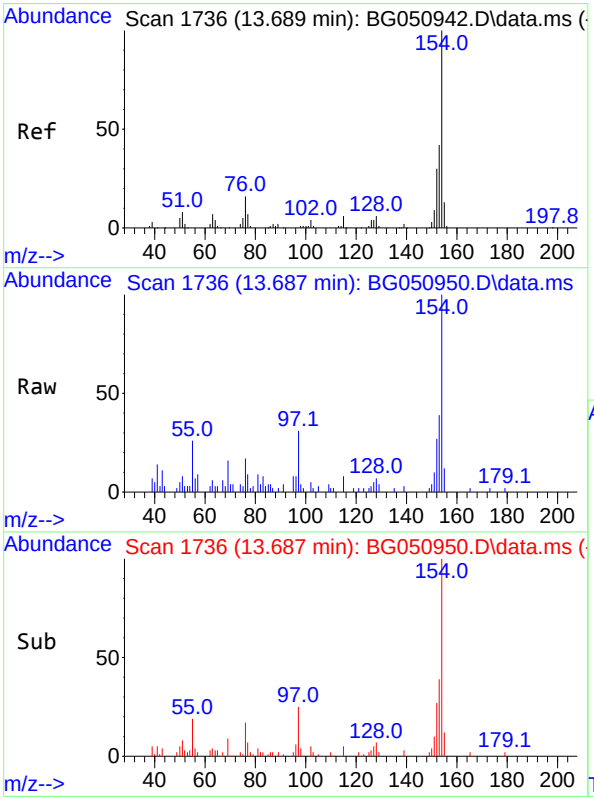
#37
1-Methylnaphthalene
Concen: 1.546 ng/ul
RT: 12.906 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG050950.D
Acq: 10 Nov 2021 19:41

Instrument :
BNA_G
ClientSampleId :
C0HF1

Tgt Ion:142 Resp: 10912

Ion	Ratio	Lower	Upper
142	100		
141	98.8	77.8	116.8
116	7.2	3.3	4.9#

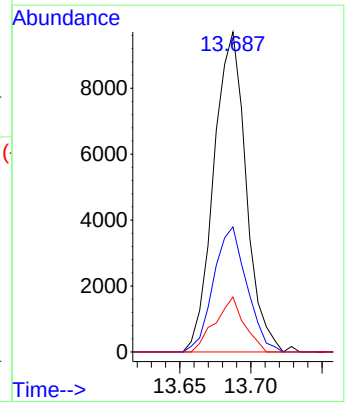


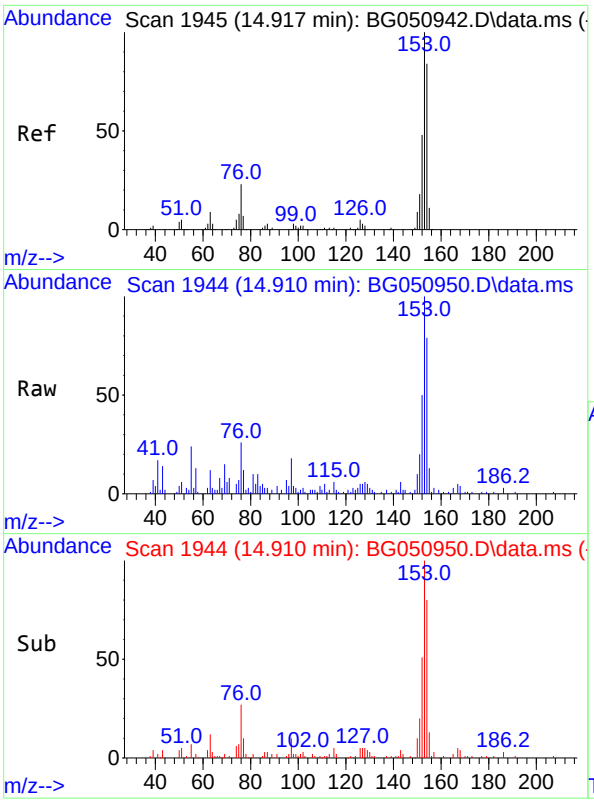


#43
1,1'-Biphenyl
Concen: 1.851 ng/ul
RT: 13.687 min Scan# 1736
Delta R.T. -0.005 min
Lab File: BG050950.D
Acq: 10 Nov 2021 19:41

Tgt Ion:154 Resp: 15318

Ion	Ratio	Lower	Upper
154	100		
153	39.1	34.5	51.7
76	17.2	13.1	19.7



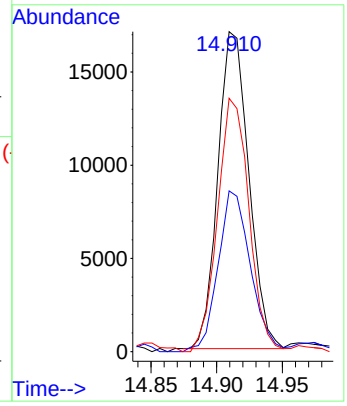


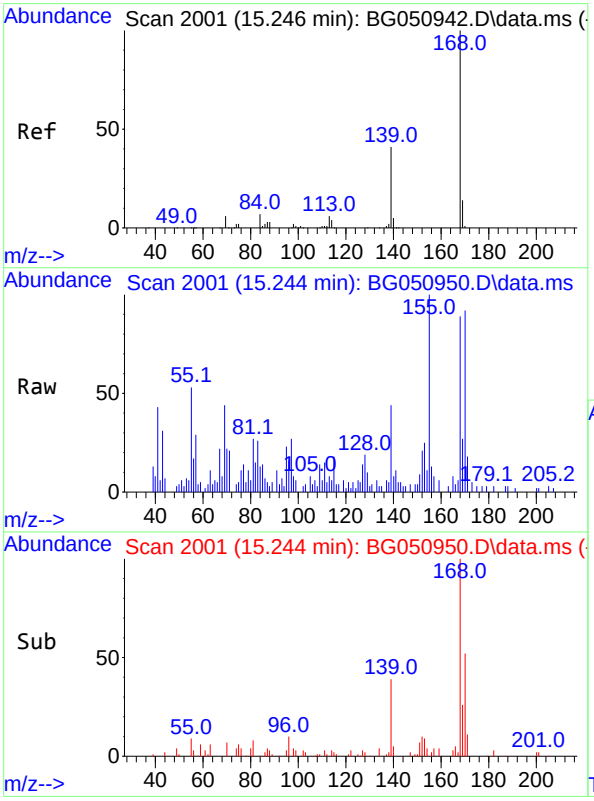
#52
Acenaphthene
Concen: 3.920 ng/ul
RT: 14.910 min Scan# 1
Delta R.T. -0.017 min
Lab File: BG050950.D
Acq: 10 Nov 2021 19:41

Instrument :
BNA_G
ClientSampleId :
C0HF1

Tgt Ion:153 Resp: 27874

Ion	Ratio	Lower	Upper
153	100		
152	50.3	36.5	54.7
154	79.2	65.8	98.6

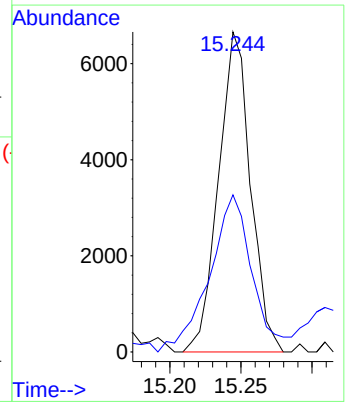


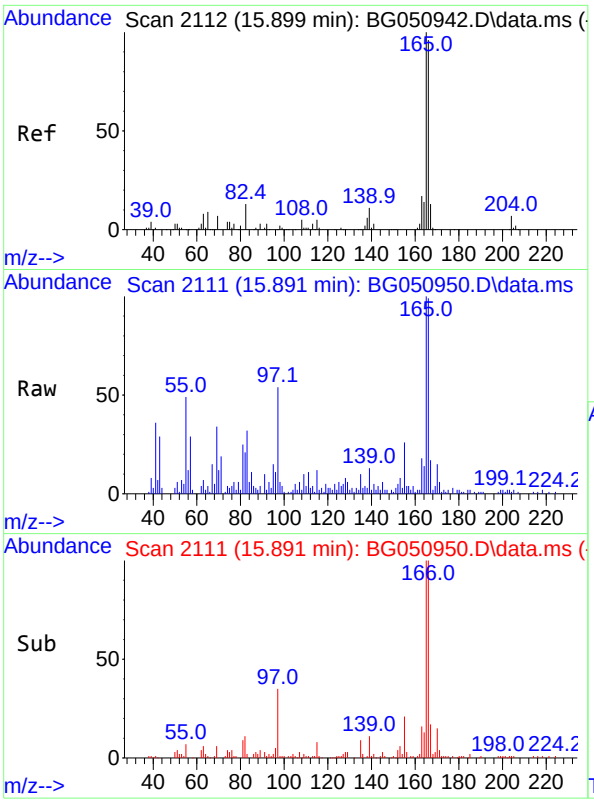


#56
Dibenzofuran
Concen: 1.024 ng/ul
RT: 15.244 min Scan# 2001
Delta R.T. -0.011 min
Lab File: BG050950.D
Acq: 10 Nov 2021 19:41

Tgt Ion:168 Resp: 10424

Ion	Ratio	Lower	Upper
168	100		
139	49.1	31.2	46.8#



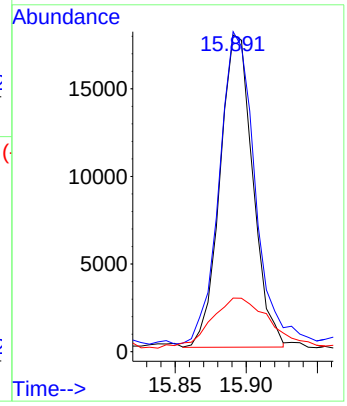


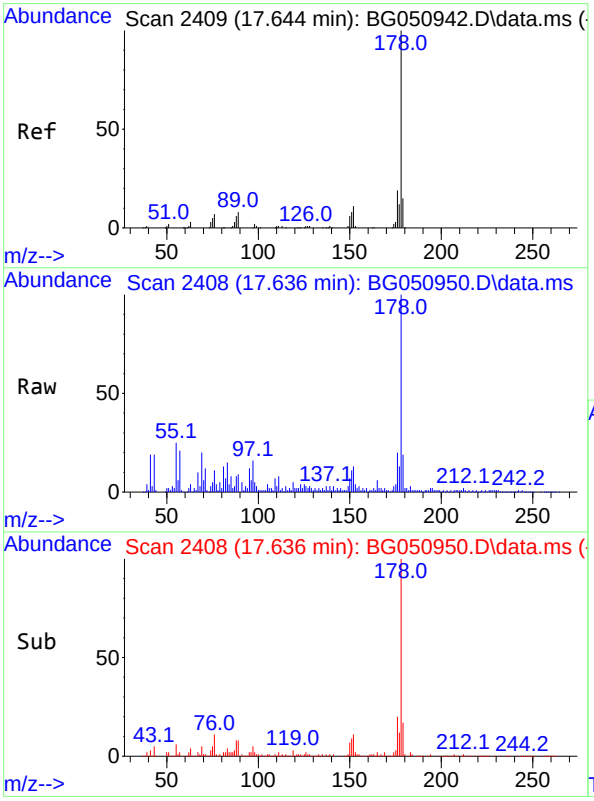
#61
Fluorene
Concen: 3.552 ng/ul
RT: 15.891 min Scan# 21
Delta R.T. -0.017 min
Lab File: BG050950.D
Acq: 10 Nov 2021 19:41

Instrument :
BNA_G
ClientSampleId :
C0HF1

Tgt Ion:166 Resp: 28618

Ion	Ratio	Lower	Upper
166	100		
165	101.1	81.0	121.6
167	16.9	11.0	16.4#

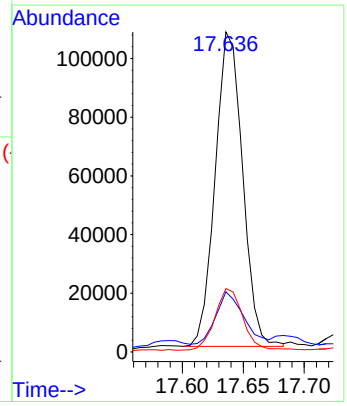


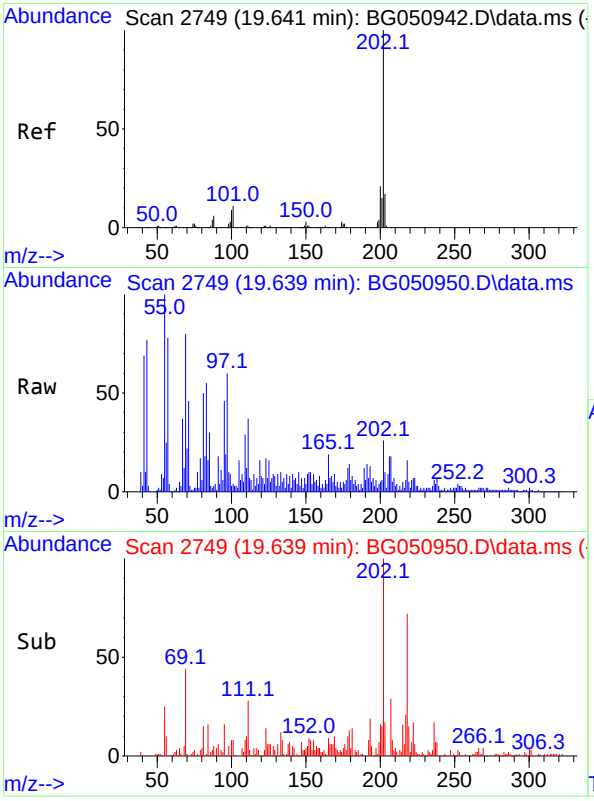


#72
Phenanthrene
Concen: 15.463 ng/ul
RT: 17.636 min Scan# 2408
Delta R.T. -0.011 min
Lab File: BG050950.D
Acq: 10 Nov 2021 19:41

Tgt Ion:178 Resp: 167185

Ion	Ratio	Lower	Upper
178	100		
179	18.8	12.3	18.5#
176	19.8	15.5	23.3



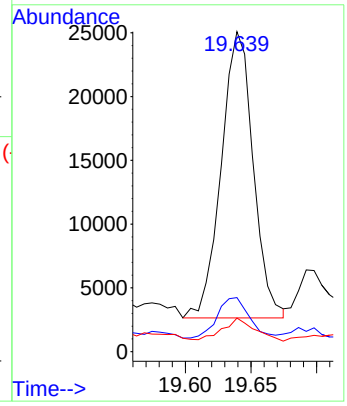


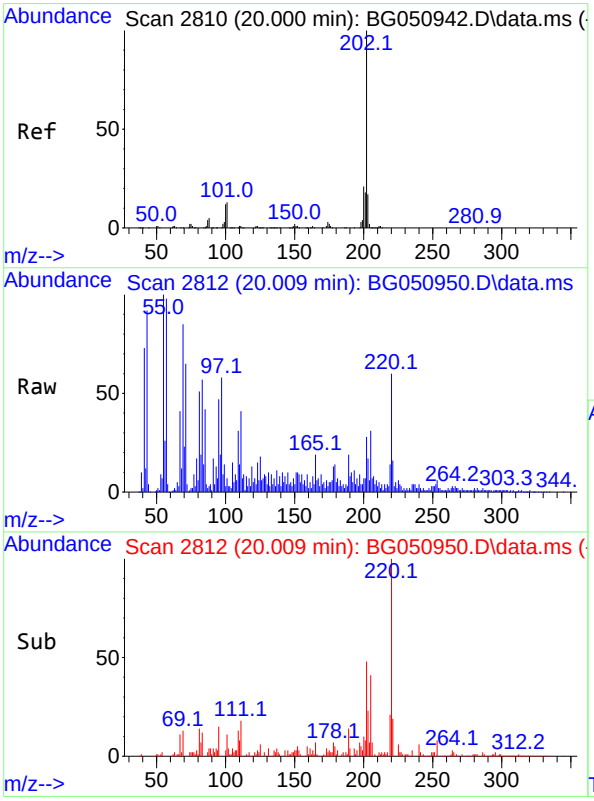
#80
Fluoranthene
Concen: 2.808 ng/ul
RT: 19.639 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG050950.D
Acq: 10 Nov 2021 19:41

Instrument :
BNA_G
ClientSampleId :
C0HF1

Tgt Ion:202 Resp: 38059

Ion	Ratio	Lower	Upper
202	100		
101	16.9	9.3	13.9#
100	10.5	7.0	10.6

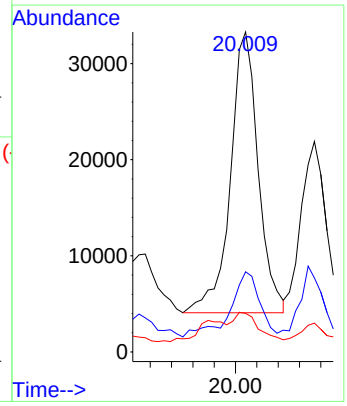


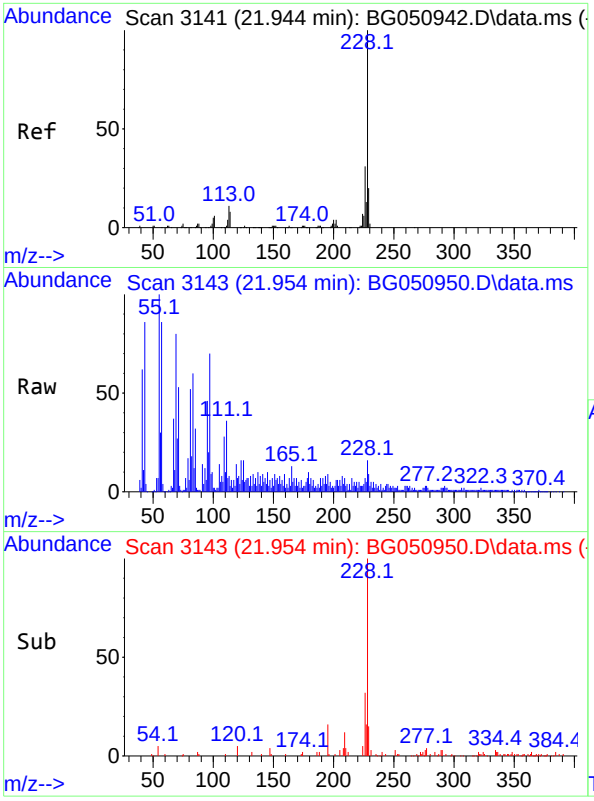


#82
Pyrene
Concen: 3.999 ng/ul
RT: 20.009 min Scan# 2812
Delta R.T. 0.001 min
Lab File: BG050950.D
Acq: 10 Nov 2021 19:41

Tgt Ion:202 Resp: 52970

Ion	Ratio	Lower	Upper
202	100		
101	25.0	10.7	16.1#
100	12.0	9.0	13.6





#87
Chrysene
Concen: 2.688 ng/ul
RT: 21.954 min Scan# 3
Delta R.T. 0.001 min
Lab File: BG050950.D
Acq: 10 Nov 2021 19:41

Instrument :
BNA_G
ClientSampleId :
C0HF1

Tgt Ion:228 Resp: 31089

Ion	Ratio	Lower	Upper
228	100		
226	42.3	24.8	37.2#
229	58.6	15.8	23.6#