Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011222\
Data File : BG051942.D
Acq On : 12 Jan 2022 12:49
Operator : CG/JU
Sample : N1100-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGLN4

Quant Time: Jan 12 23:51:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 06 14:43:02 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.246	152	21191	20.000	ng/ul	0.00
20) Naphthalene-d8	11.084	136	92205	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.890	164	67441	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.639	188	184307	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.957	240	170383	20.000	ng/ul	# 0.00
88) Perylene-d12	25.447	264	176442	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.564	96	2278	3.841	ng/uL	-0.01
4) Pyridine-d5	3.999	84	24138	13.093	ng/ul	0.00
7) Phenol-d5	7.383	99	46081	22.218	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.547	67	28190	21.411	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.770	132	32479	23.652	ng/ul	0.00
15) 4-Methylphenol-d8	8.945	113	37026	22.965	ng/ul	0.00
21) Nitrobenzene-d5	9.415	128	16509	22.659	ng/ul	0.00
24) 2-Nitrophenol-d4	10.150	143	18070	22.425	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.696	165	34958	22.195	ng/ul	0.00
31) 4-Chloroaniline-d4	11.207	131	45065	20.545	ng/ul	0.00
46) Dimethylphthalate-d6	14.279	166	126218	22.642	ng/ul	0.00
49) Acenaphthylene-d8	14.585	160	151077	22.436	ng/ul	0.00
54) 4-Nitrophenol-d4	15.061	143	24995	26.818	ng/ul	0.00
60) Fluorene-d10	15.877	176	114877	23.636	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.983	200	20866	17.946	ng/ul	0.00
73) Anthracene-d10	17.739	188	234664	26.840	ng/ul	0.00
81) Pyrene-d10	20.013	212	287020	29.270	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.200	264	252512	27.185	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	11.136	128	39613	7.928	ng/ul#	95
36) 2-Methylnaphthalene	12.728	142	166747	46.852	ng/ul	98
37) 1-Methylnaphthalene	12.946	142	52904	14.484	ng/ul	97
43) 1,1'-Biphenyl	13.721	154	16082	3.089	ng/ul	98
52) Acenaphthene	14.955	153	5447	1.235	ng/ul	94

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

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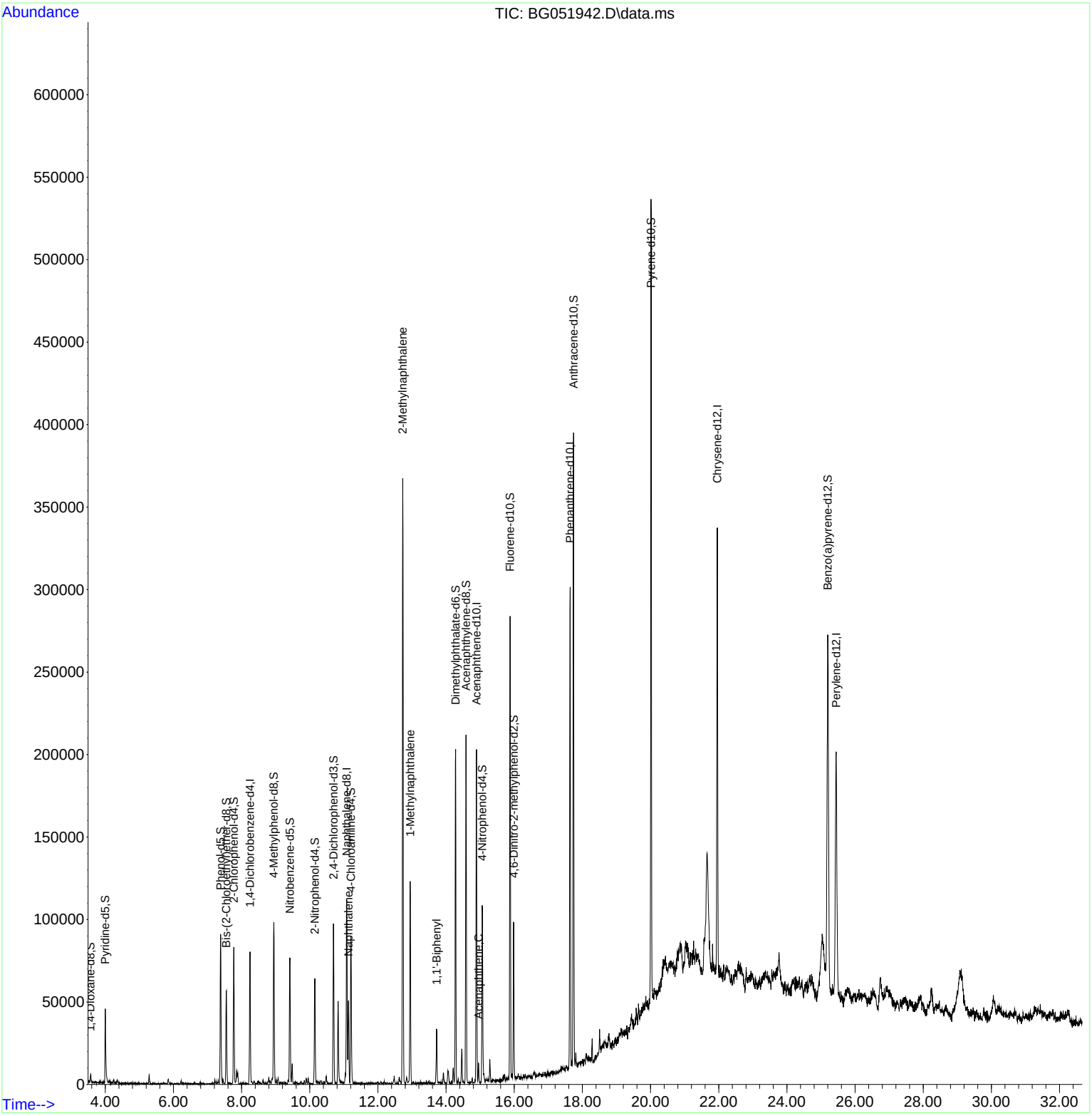
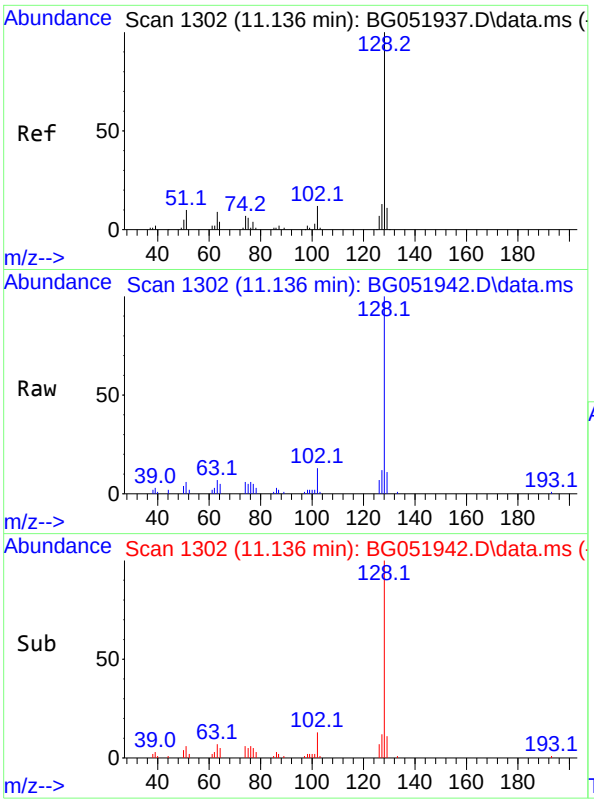


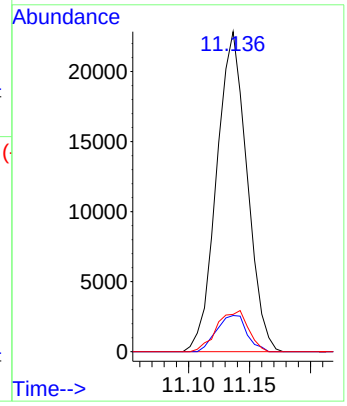


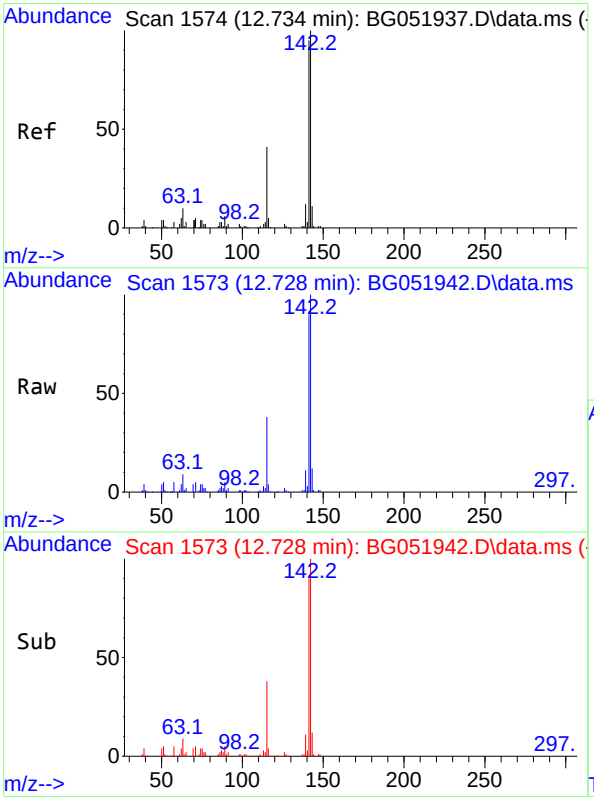
#30
Naphthalene
Concen: 7.928 ng/ul
RT: 11.136 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG051942.D
Acq: 12 Jan 2022 12:49

Instrument :
BNA_G
ClientSampleId :
BGLN4

Tgt Ion:128 Resp: 39613

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.5	12.7
127	11.7	11.8	17.6#

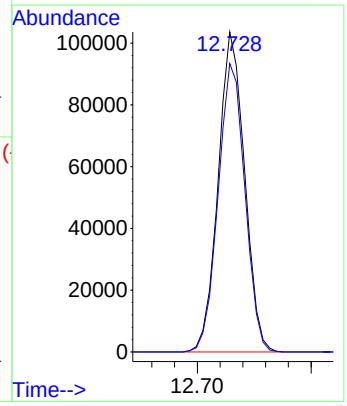


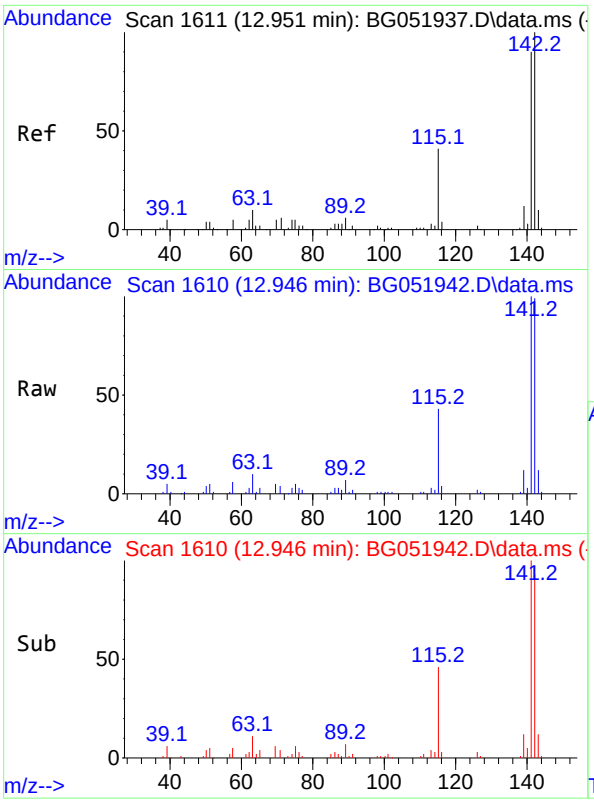


#36
2-Methylnaphthalene
Concen: 46.852 ng/ul
RT: 12.728 min Scan# 1573
Delta R.T. -0.007 min
Lab File: BG051942.D
Acq: 12 Jan 2022 12:49

Tgt Ion:142 Resp: 166747

Ion	Ratio	Lower	Upper
142	100		
141	90.2	73.3	109.9



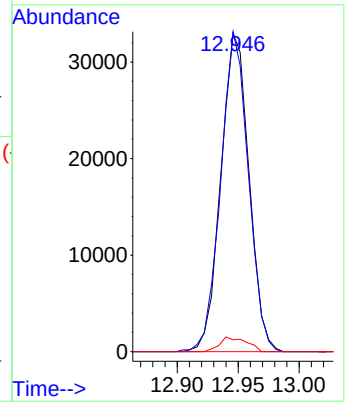


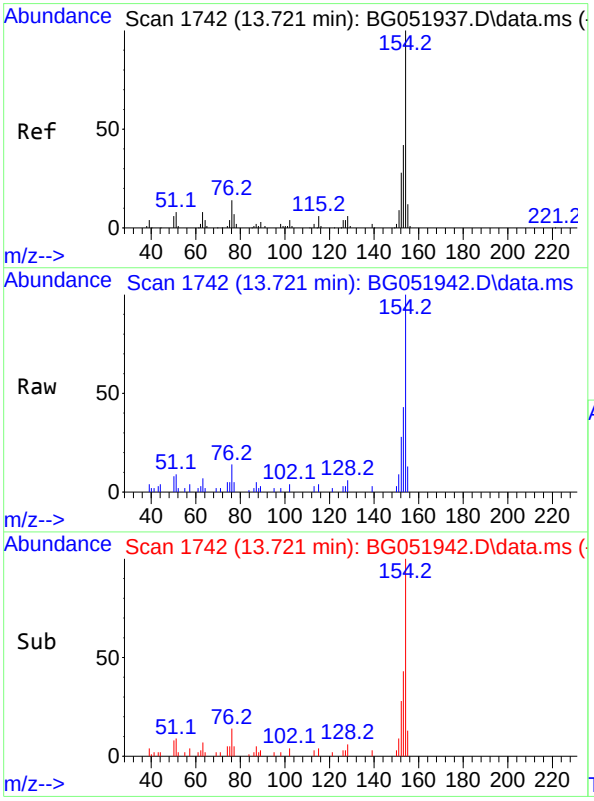
#37
1-Methylnaphthalene
Concen: 14.484 ng/ul
RT: 12.946 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG051942.D
Acq: 12 Jan 2022 12:49

Instrument :
BNA_G
ClientSampleId :
BGLN4

Tgt Ion:142 Resp: 52904

Ion	Ratio	Lower	Upper
142	100		
141	100.5	77.8	116.8
116	3.7	3.3	4.9

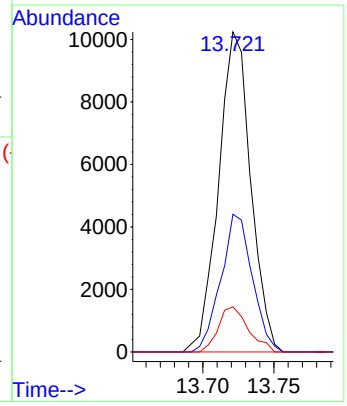


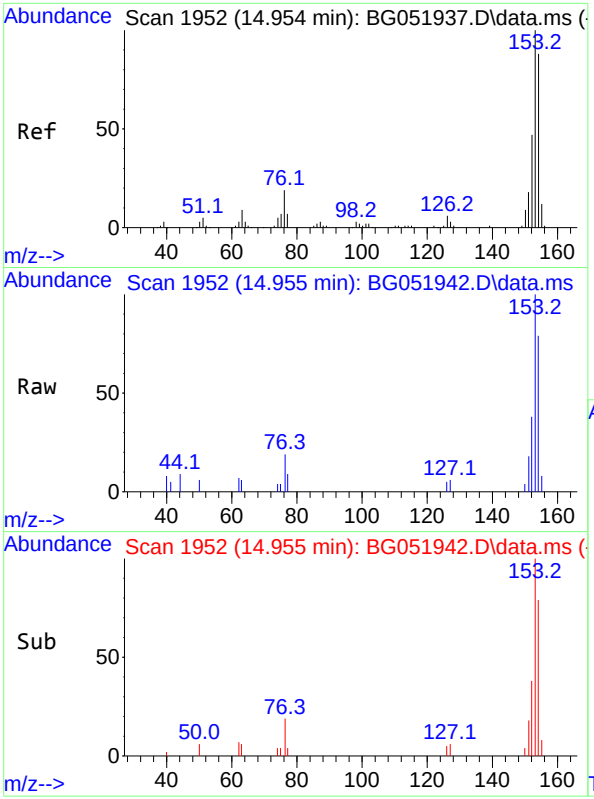


#43
1,1'-Biphenyl
Concen: 3.089 ng/ul
RT: 13.721 min Scan# 1742
Delta R.T. -0.007 min
Lab File: BG051942.D
Acq: 12 Jan 2022 12:49

Tgt Ion:154 Resp: 16082

Ion	Ratio	Lower	Upper
154	100		
153	43.1	34.5	51.7
76	14.1	13.1	19.7





#52
Acenaphthene
Concen: 1.235 ng/ul
RT: 14.955 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG051942.D
Acq: 12 Jan 2022 12:49

Instrument :
BNA_G
ClientSampleId :
BGLN4

Tgt Ion:153 Resp: 5447

Ion	Ratio	Lower	Upper
153	100		
152	38.2	36.5	54.7
154	79.0	65.8	98.6