Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123115\
Data File : BG020649.D
Acq On : 31 Dec 2015 19:52
Operator : UM/SJ
Sample : G4847-08DL 30X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N72DL

Quant Time: Jan 01 03:21:24 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 01 03:15:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	17944	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	83041	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	62939	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	164189	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	194793	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	183817	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.38	99	479	0.32	ng/ul	0.16
7) Bis-(2-Chloroethyl)ether-d	7.38	67	658	0.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	766	0.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	412	0.32	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	221	0.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	377	0.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	713	0.50	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.09	166	5808	1.13	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	6327	1.08	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.68	176	5661	1.21	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	123	0.12	ng/ul	0.00
71) Anthracene-d10	17.54	188	8884	1.16	ng/ul	0.00
79) Pyrene-d10	19.82	212	10254	1.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	9929	1.08	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.93	128	166569	37.88	ng/ul	97
30) 4-Chloroaniline	10.93	127	22147	12.83	ng/ul#	9
34) 2-Methylnaphthalene	12.53	142	20513	6.23	ng/ul	98
35) 1-Methylnaphthalene	12.75	142	13990	4.40	ng/ul#	95
41) 1,1'-Biphenyl	13.53	154	8610	1.82	ng/ul	96
50) Acenaphthene	14.76	153	39640	9.40	ng/ul	98
54) Dibenzofuran	15.09	168	31285	4.91	ng/ul	98
59) Fluorene	15.74	166	22318	4.35	ng/ul	97
70) Phenanthrene	17.48	178	66412	7.44	ng/ul	97
72) Anthracene	17.48	178	66412	7.27	ng/ul	99
75) Carbazole	17.85	167	27114	3.52	ng/ul	98
77) Fluoranthene	19.49	202	12264	1.12	ng/ul#	97

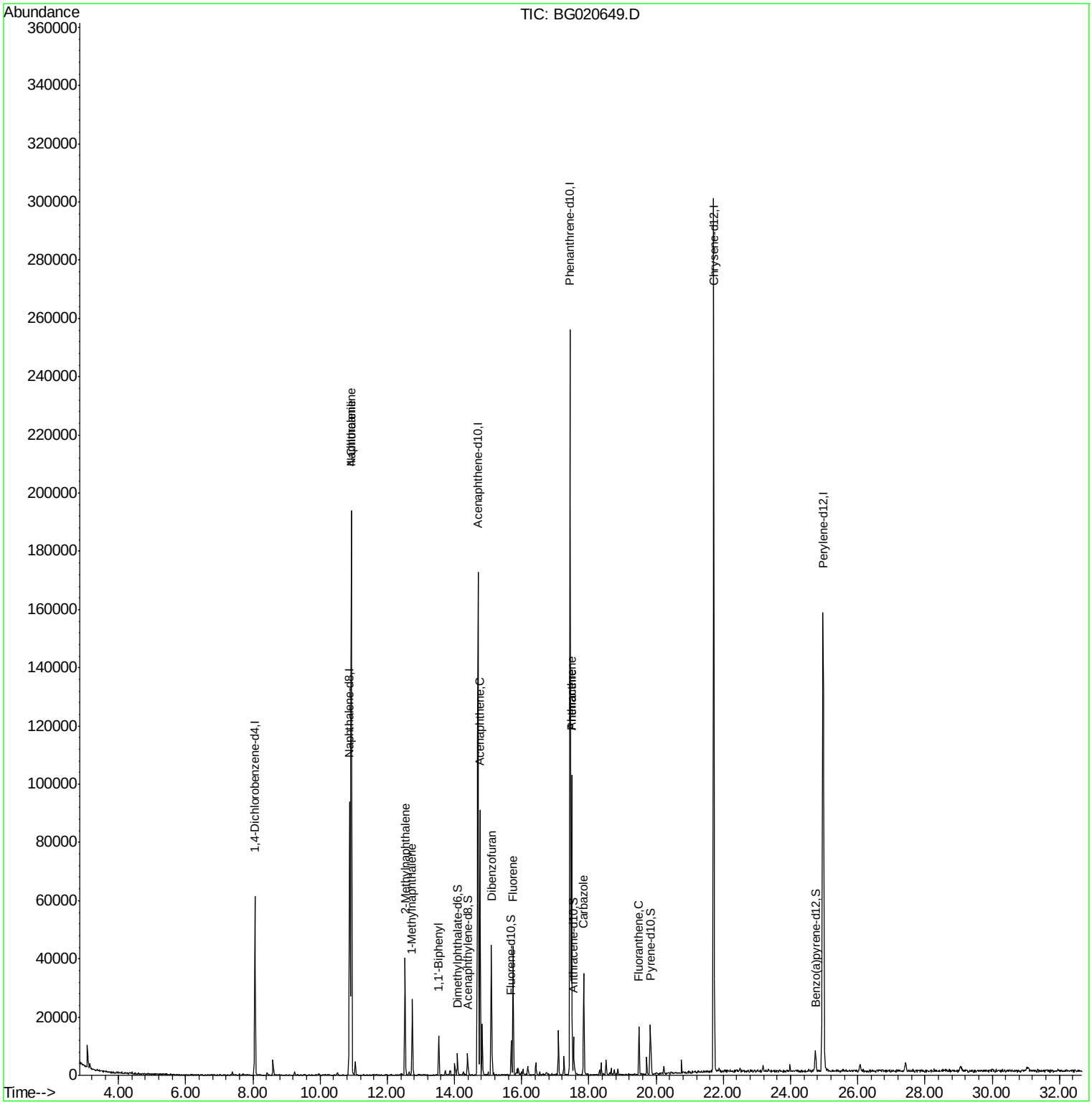
(#) = qualifier out of range (m) = manual integration (+) = signals summed

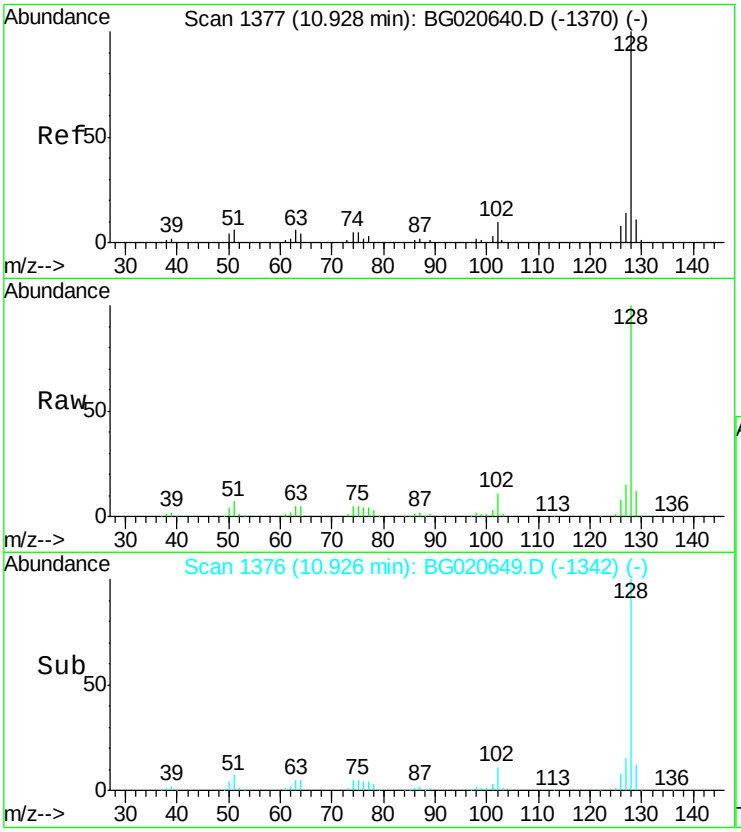
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123115\
Data File : BG020649.D
Acq On : 31 Dec 2015 19:52
Operator : UM/SJ
Sample : G4847-08DL 30X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N72DL

Quant Time: Jan 01 03:21:24 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 01 03:15:46 2016
Response via : Initial Calibration



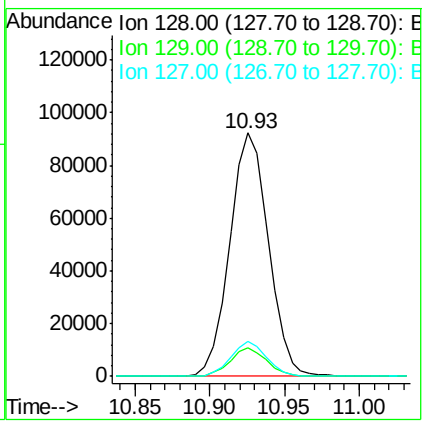


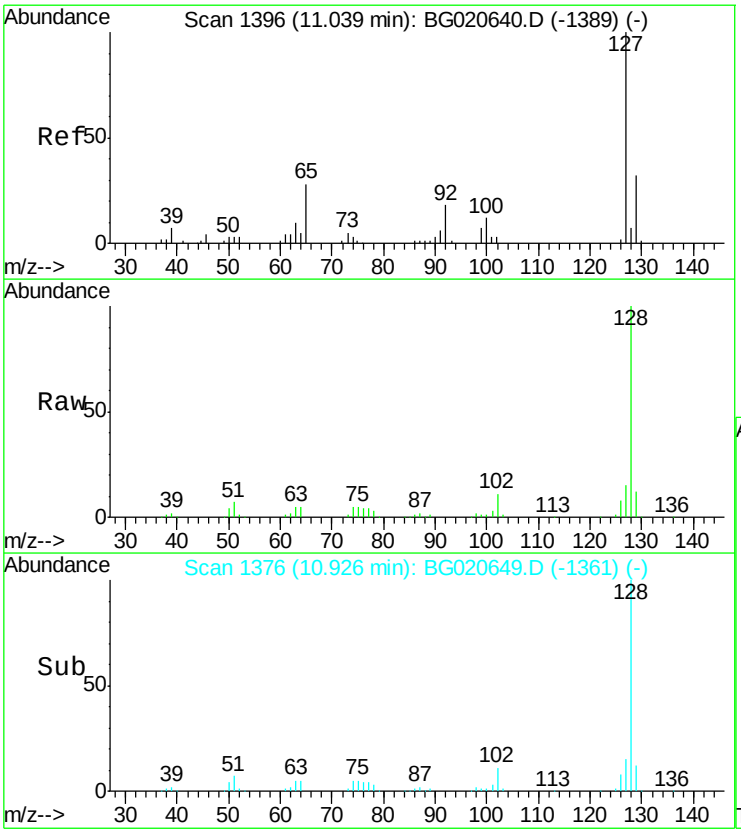
#28
Naphthalene
Concen: 37.88 ng/ul
RT: 10.93 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BG020649.D
Acq: 31 Dec 2015 19:52

Instrument :
BNA_G
ClientSampleId :
D9N72DL

Tgt Ion:128 Resp: 166569

Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.3	12.5
127	14.6	10.8	16.2

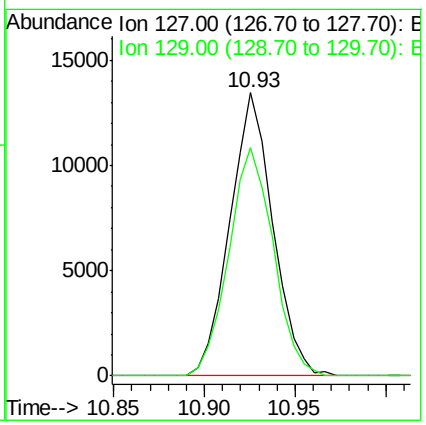


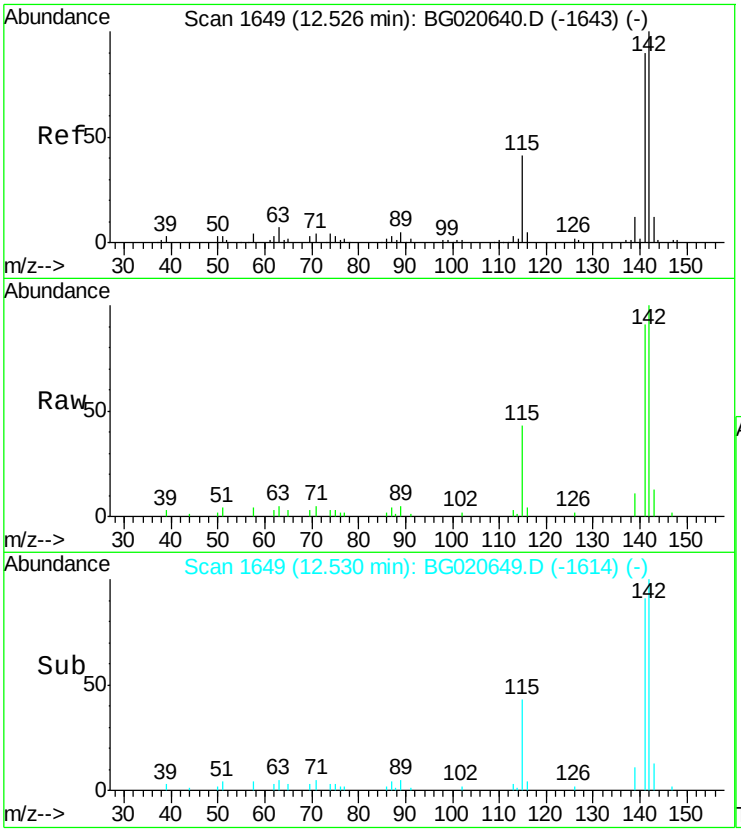


#30
4-Chloroaniline
Concen: 12.83 ng/ul
RT: 10.93 min Scan# 1376
Delta R.T. -0.11 min
Lab File: BG020649.D
Acq: 31 Dec 2015 19:52

Tgt Ion:127 Resp: 22147

Ion	Ratio	Lower	Upper
127	100		
129	80.7	24.6	37.0#



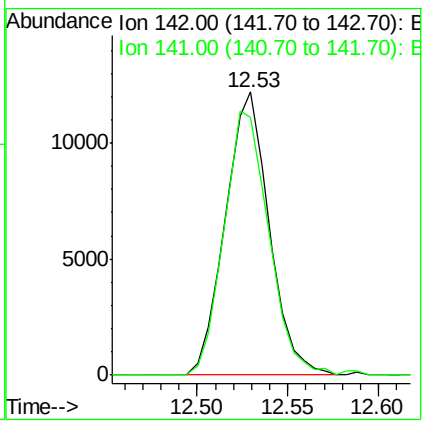


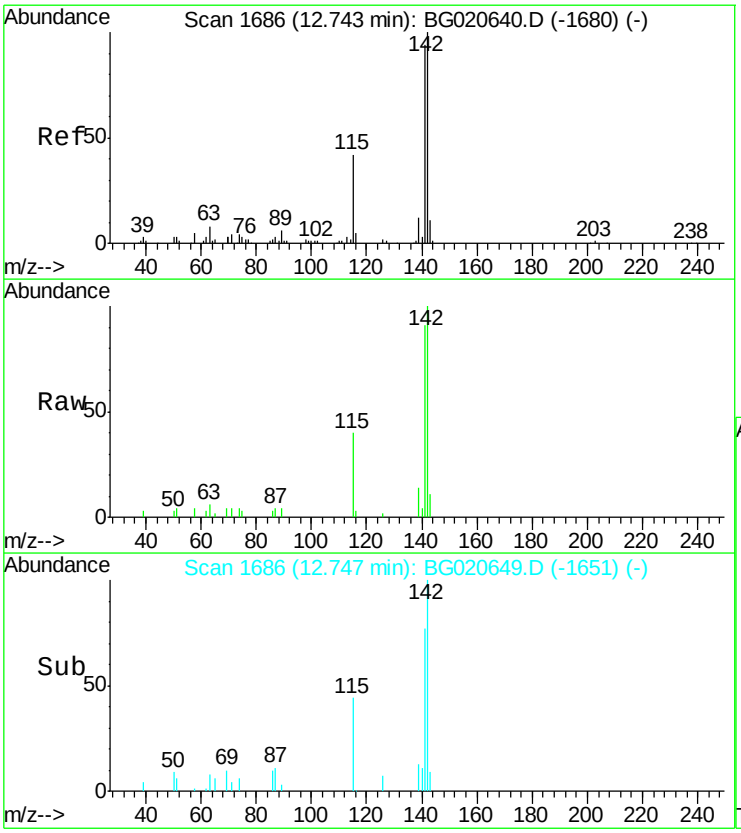
#34
2-Methylnaphthalene
Concen: 6.23 ng/ul
RT: 12.53 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BG020649.D
Acq: 31 Dec 2015 19:52

Instrument :
BNA_G
ClientSampleId :
D9N72DL

Tgt Ion:142 Resp: 20513

Ion	Ratio	Lower	Upper
142	100		
141	91.0	71.4	107.2

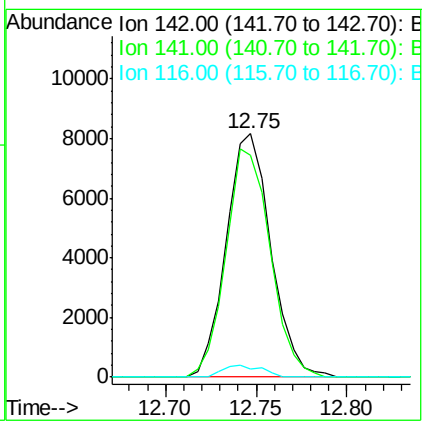


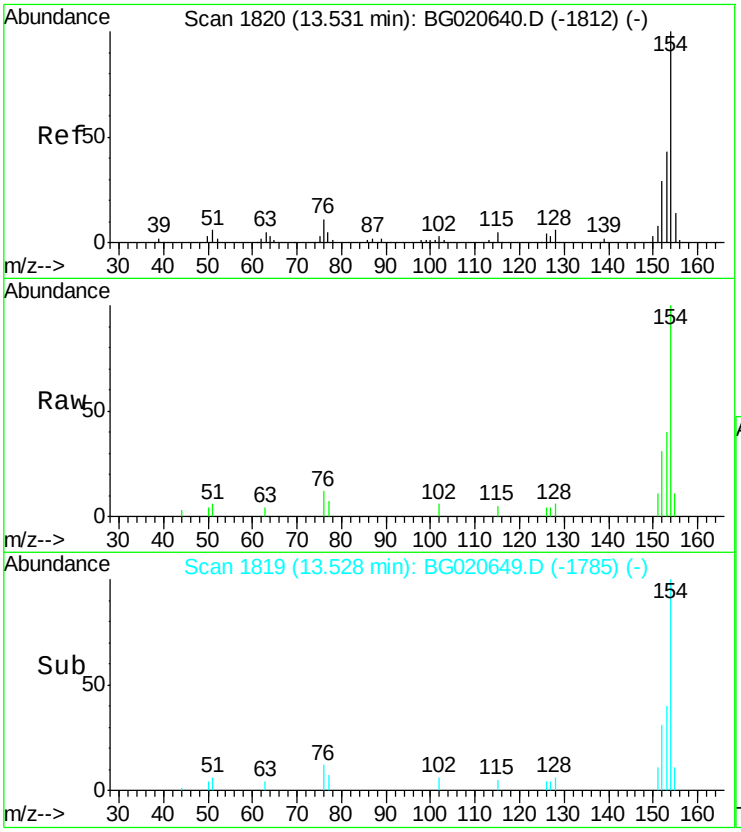


#35
1-Methylnaphthalene
Concen: 4.40 ng/ul
RT: 12.75 min Scan# 1686
Delta R.T. 0.00 min
Lab File: BG020649.D
Acq: 31 Dec 2015 19:52

Tgt Ion:142 Resp: 13990

Ion	Ratio	Lower	Upper
142	100		
141	91.1	76.6	115.0
116	3.2	3.6	5.4#



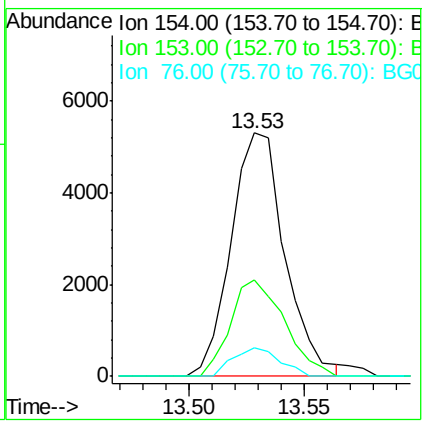


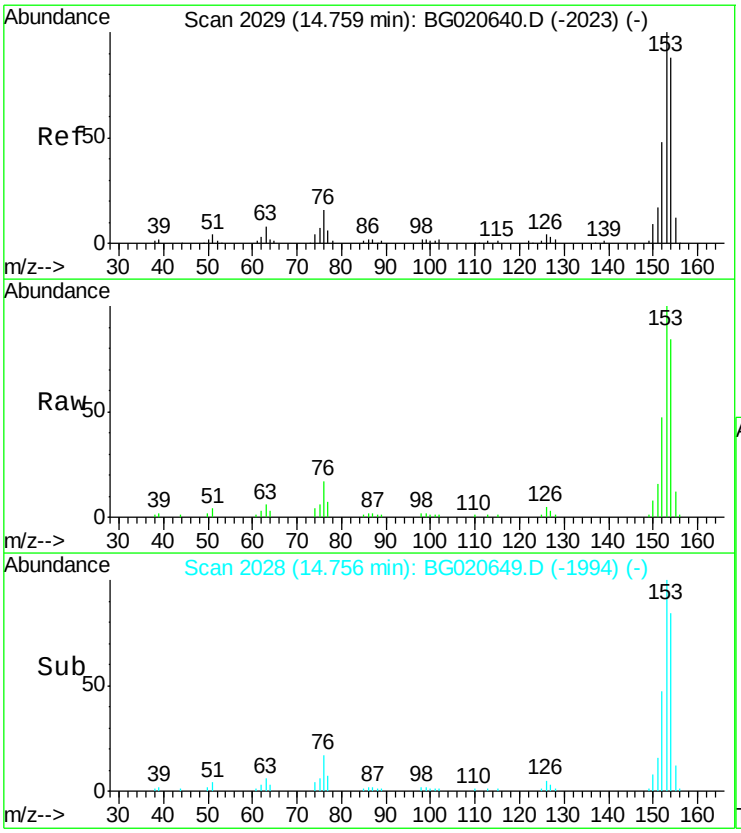
#41
1,1'-Biphenyl
Concen: 1.82 ng/ul
RT: 13.53 min Scan# 1819
Delta R.T. -0.00 min
Lab File: BG020649.D
Acq: 31 Dec 2015 19:52

Instrument :
BNA_G
ClientSampleId :
D9N72DL

Tgt Ion:154 Resp: 8610

Ion	Ratio	Lower	Upper
154	100		
153	39.7	34.0	51.0
76	11.7	8.4	12.6

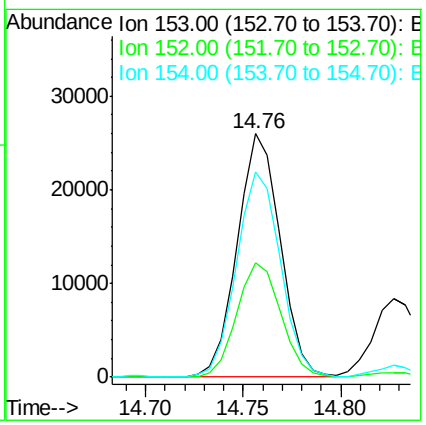


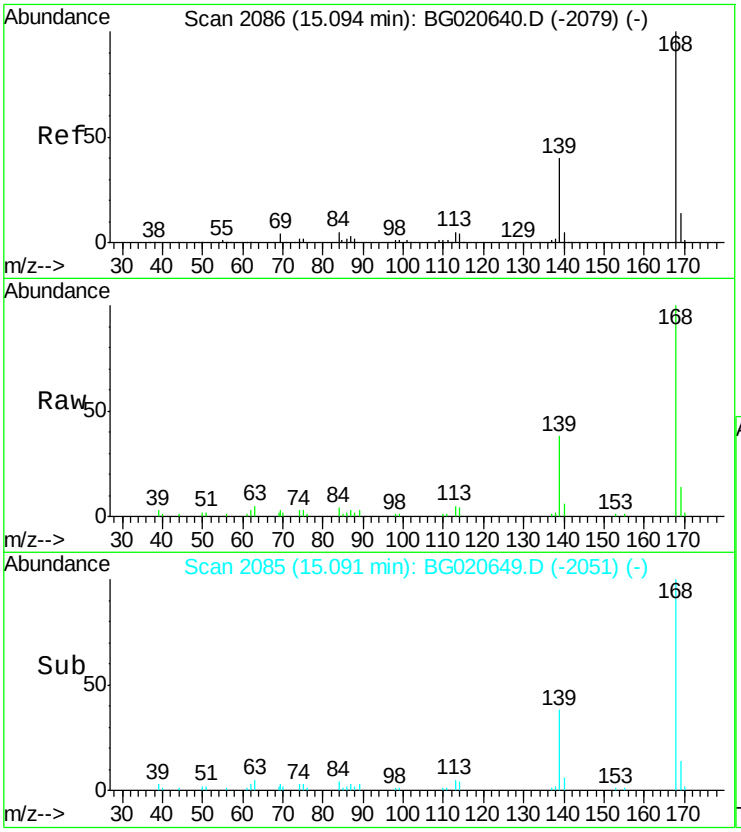


#50
Acenaphthene
Concen: 9.40 ng/ul
RT: 14.76 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BG020649.D
Acq: 31 Dec 2015 19:52

Tgt Ion:153 Resp: 39640

Ion	Ratio	Lower	Upper
153	100		
152	46.7	37.9	56.9
154	84.5	69.8	104.6



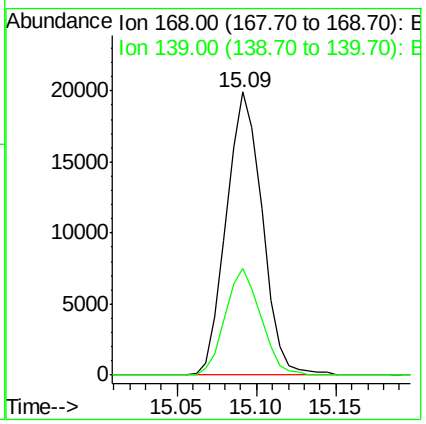


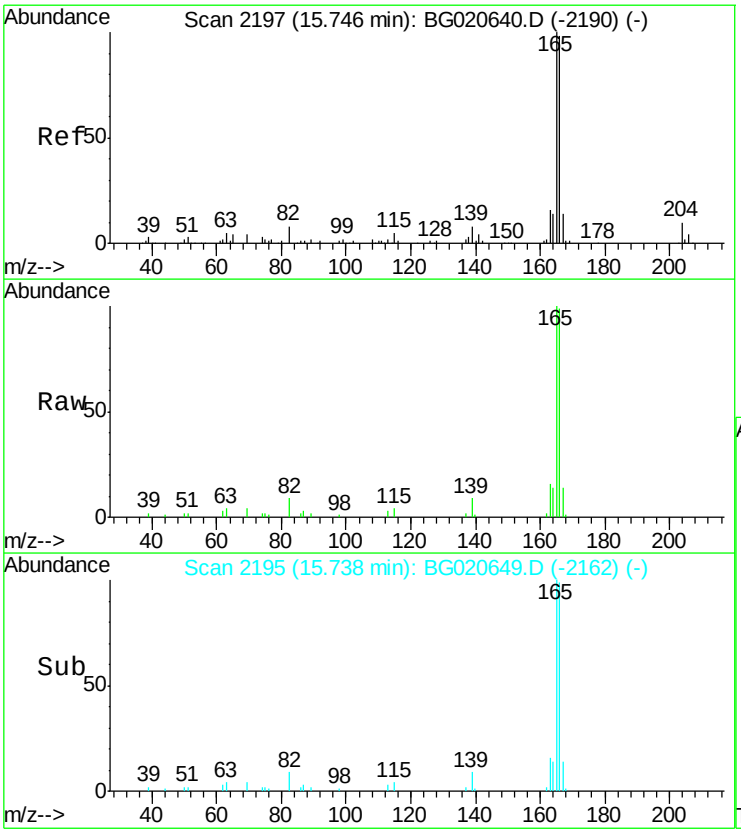
#54
Dibenzofuran
Concen: 4.91 ng/ul
RT: 15.09 min Scan# 2085
Delta R.T. -0.00 min
Lab File: BG020649.D
Acq: 31 Dec 2015 19:52

Instrument :
BNA_G
ClientSampleId :
D9N72DL

Tgt Ion:168 Resp: 31285

Ion	Ratio	Lower	Upper
168	100		
139	37.7	31.0	46.4

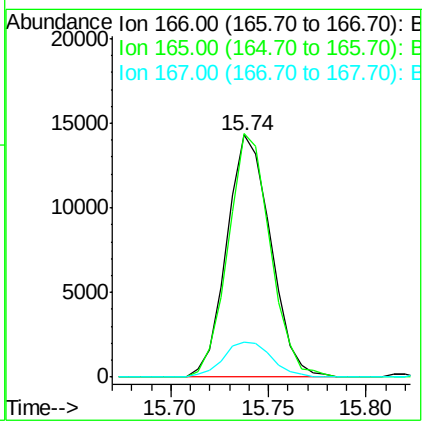


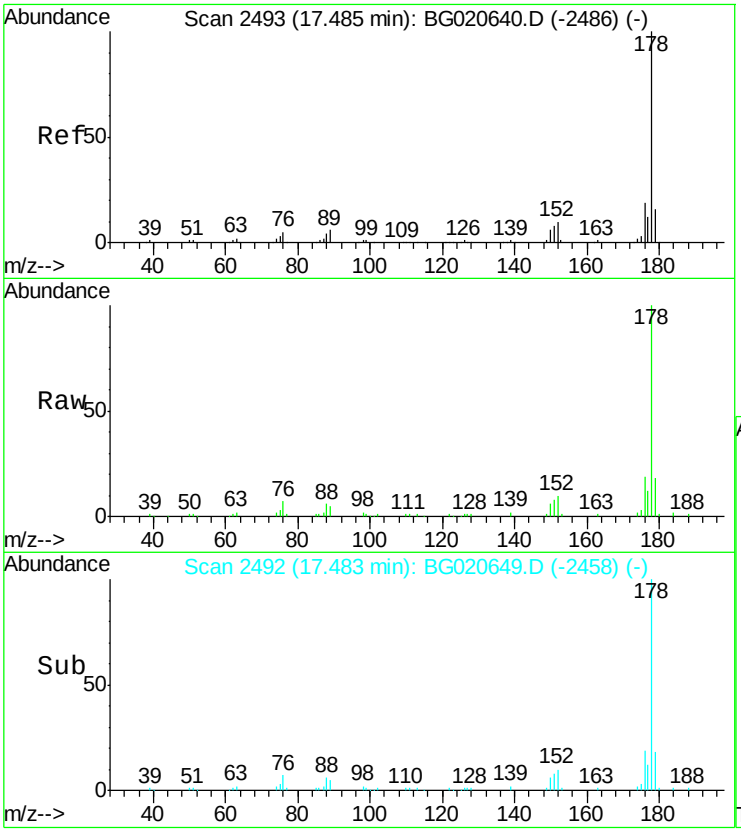


#59
Fluorene
Concen: 4.35 ng/ul
RT: 15.74 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BG020649.D
Acq: 31 Dec 2015 19:52

Tgt Ion:166 Resp: 22318

Ion	Ratio	Lower	Upper
166	100		
165	100.7	78.4	117.6
167	14.4	11.1	16.7



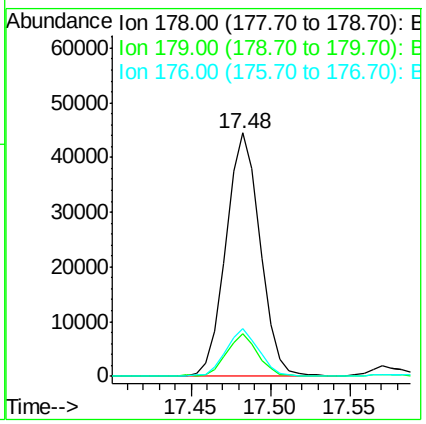


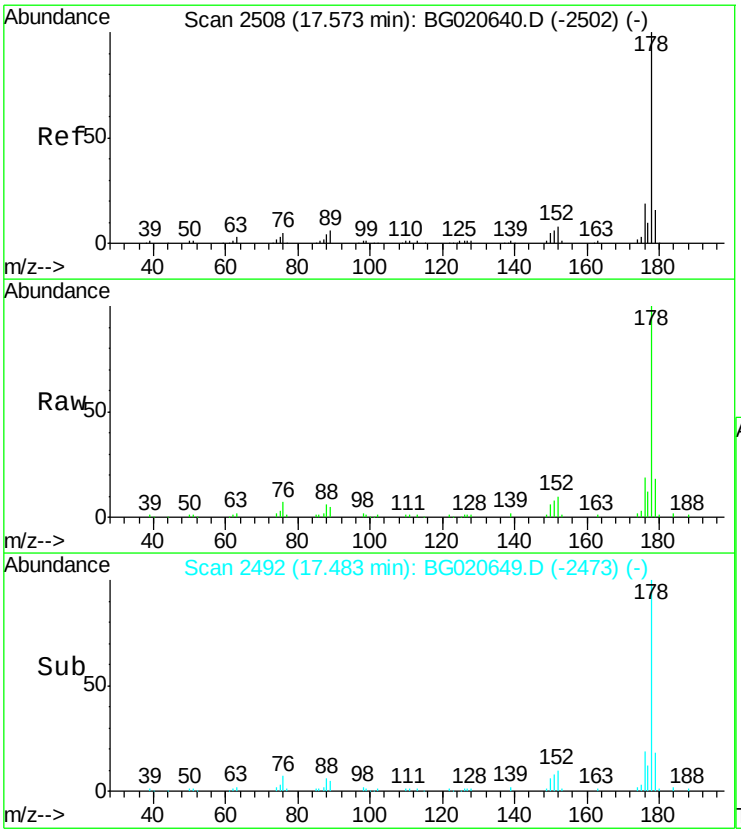
#70
Phenanthrene
Concen: 7.44 ng/ul
RT: 17.48 min Scan# 2492
Delta R.T. -0.00 min
Lab File: BG020649.D
Acq: 31 Dec 2015 19:52

Instrument :
BNA_G
ClientSampleId :
D9N72DL

Tgt Ion:178 Resp: 66412

Ion	Ratio	Lower	Upper
178	100		
179	17.8	12.3	18.5
176	19.4	15.4	23.0

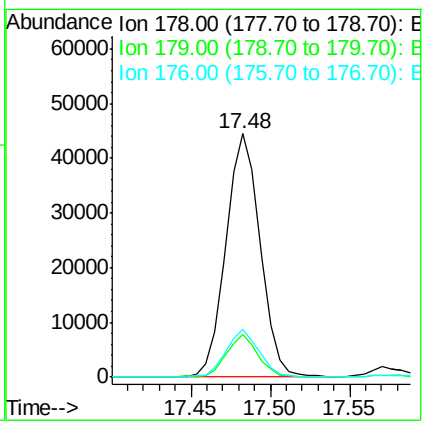


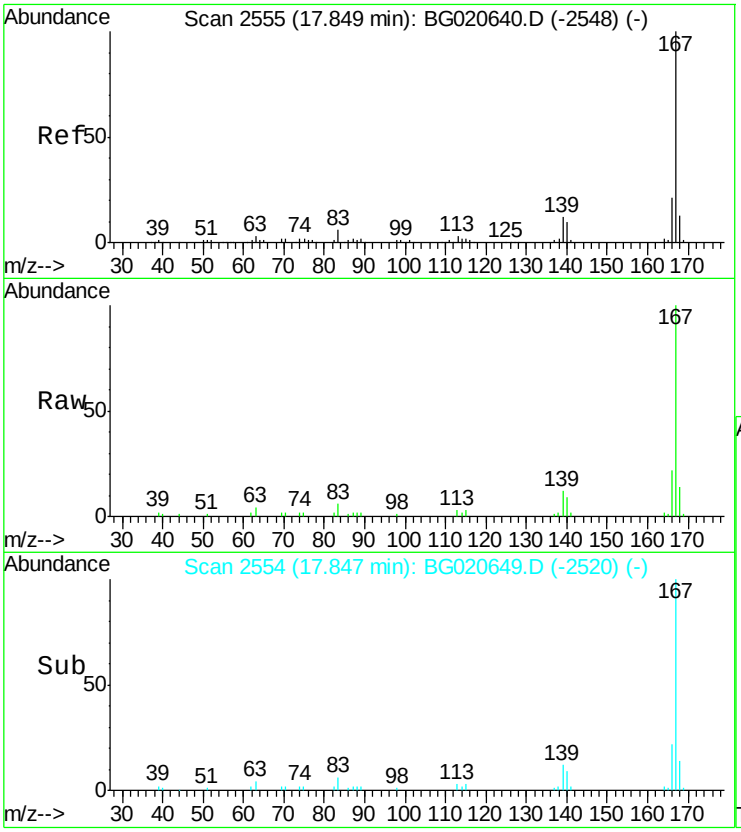


#72
Anthracene
Concen: 7.27 ng/ul
RT: 17.48 min Scan# 2492
Delta R.T. -0.09 min
Lab File: BG020649.D
Acq: 31 Dec 2015 19:52

Tgt Ion:178 Resp: 66412

Ion	Ratio	Lower	Upper
178	100		
179	17.8	13.4	20.2
176	19.4	15.4	23.0



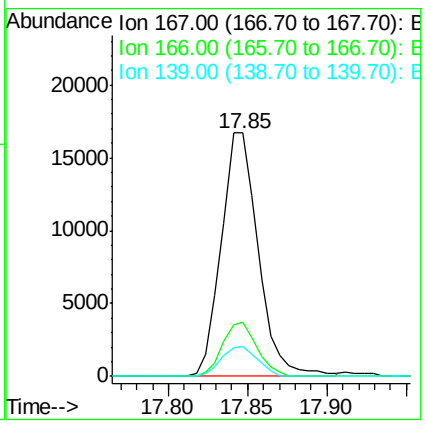


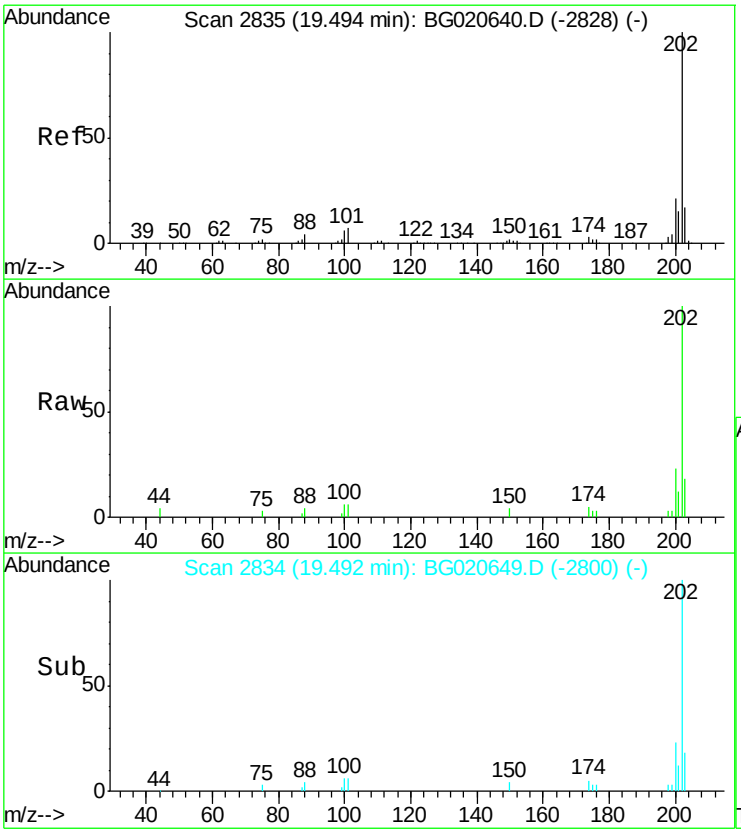
#75
Carbazole
Concen: 3.52 ng/ul
RT: 17.85 min Scan# 2554
Delta R.T. -0.00 min
Lab File: BG020649.D
Acq: 31 Dec 2015 19:52

Instrument :
BNA_G
ClientSampleId :
D9N72DL

Tgt Ion:167 Resp: 27114

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.0	25.4
139	12.1	9.1	13.7





#77
Fluoranthene
Concen: 1.12 ng/ul
RT: 19.49 min Scan# 2834
Delta R.T. -0.00 min
Lab File: BG020649.D
Acq: 31 Dec 2015 19:52

Tgt Ion:202 Resp: 12264

Ion	Ratio	Lower	Upper
202	100		
101	6.0	6.1	9.1#
100	6.0	4.6	7.0