Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123015\
Data File : BG020620.D
Acq On : 30 Dec 2015 22:26
Operator : UM/SJ
Sample : G4846-02DL 50X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N48DL

Quant Time: Dec 31 01:11:51 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 31 01:03:28 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	14341	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	63056	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	46692	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	124041	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	152843	20.00	ng/ul	0.00
86) Perylene-d12	24.96	264	144433	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	7.39	99	162	0.13	ng/ul	0.17
7) Bis-(2-Chloroethyl)ether-d	7.39	67	193	0.26	ng/ul	0.01
9) 2-Chlorophenol-d4	7.60	132	293	0.32	ng/ul	0.01
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	9.97	143	123	0.22	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.51	165	133	0.12	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.09	166	2945	0.77	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	3435	0.79	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.68	176	3104	0.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.44	188	124041	21.46	ng/ul	-0.11
79) Pyrene-d10	19.82	212	5560	0.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	5718	0.79	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.93	128	163751	49.04	ng/ul	99
30) 4-Chloroaniline	10.92	127	22363	17.07	ng/ul#	15
34) 2-Methylnaphthalene	12.53	142	20643	8.26	ng/ul	99
35) 1-Methylnaphthalene	12.74	142	12209	5.06	ng/ul	90
41) 1,1'-Biphenyl	13.53	154	6730	1.92	ng/ul#	89
50) Acenaphthene	14.76	153	34444	11.01	ng/ul	91
54) Dibenzofuran	15.09	168	26931	5.70	ng/ul	98
59) Fluorene	15.74	166	21716	5.71	ng/ul	95
70) Phenanthrene	17.48	178	50267	7.45	ng/ul	99
72) Anthracene	17.48	178	50267	7.29	ng/ul	97
75) Carbazole	17.84	167	29125	5.00	ng/ul	97
77) Fluoranthene	19.49	202	8879	1.08	ng/ul	98

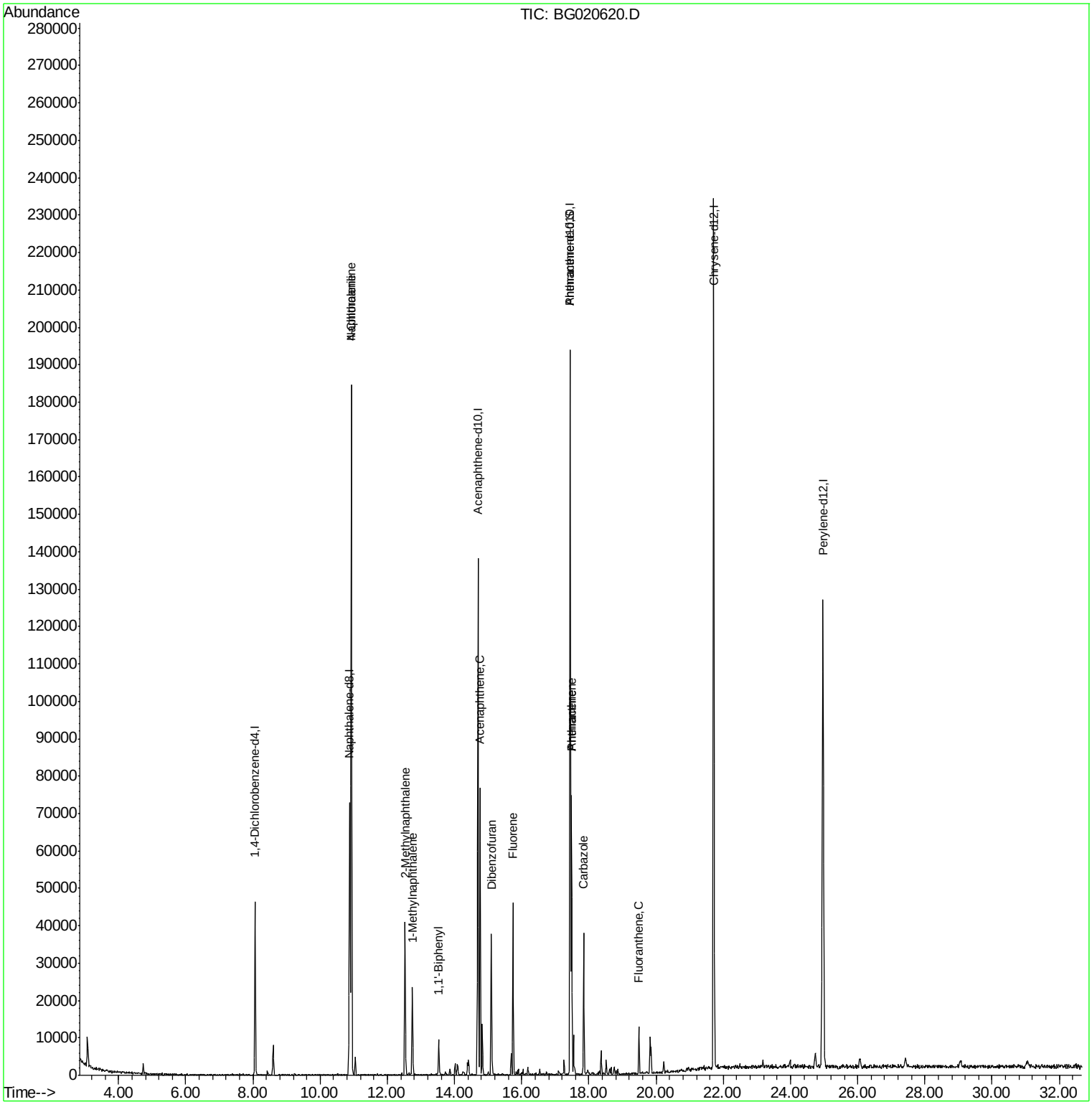
(#) = qualifier out of range (m) = manual integration (+) = signals summed

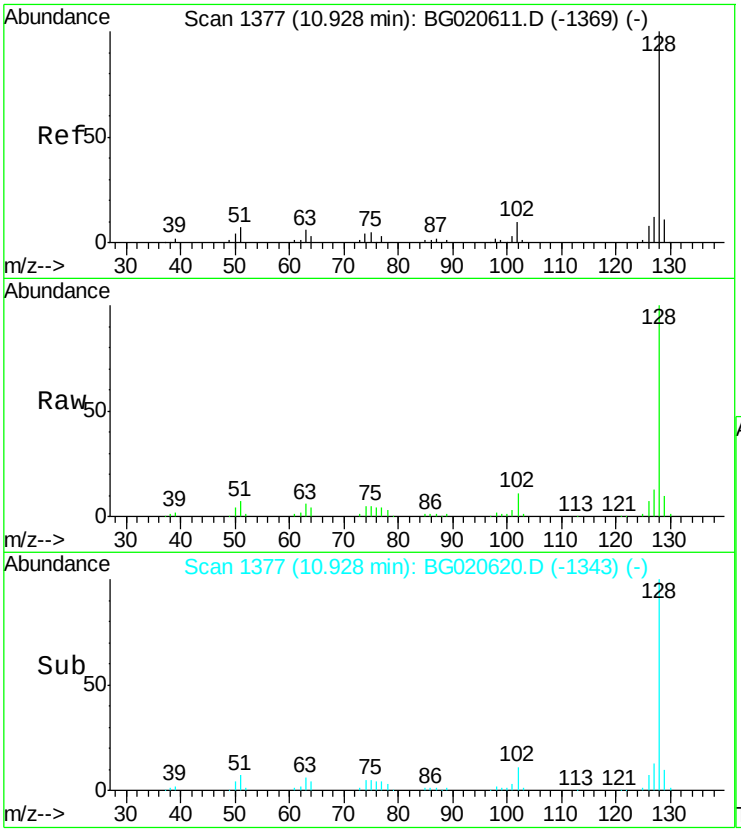
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123015\
Data File : BG020620.D
Acq On : 30 Dec 2015 22:26
Operator : UM/SJ
Sample : G4846-02DL 50X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N48DL

Quant Time: Dec 31 01:11:51 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 31 01:03:28 2015
Response via : Initial Calibration



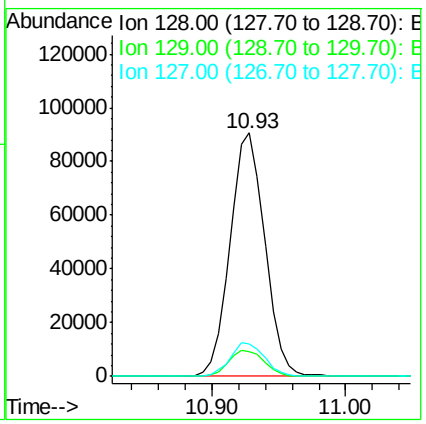


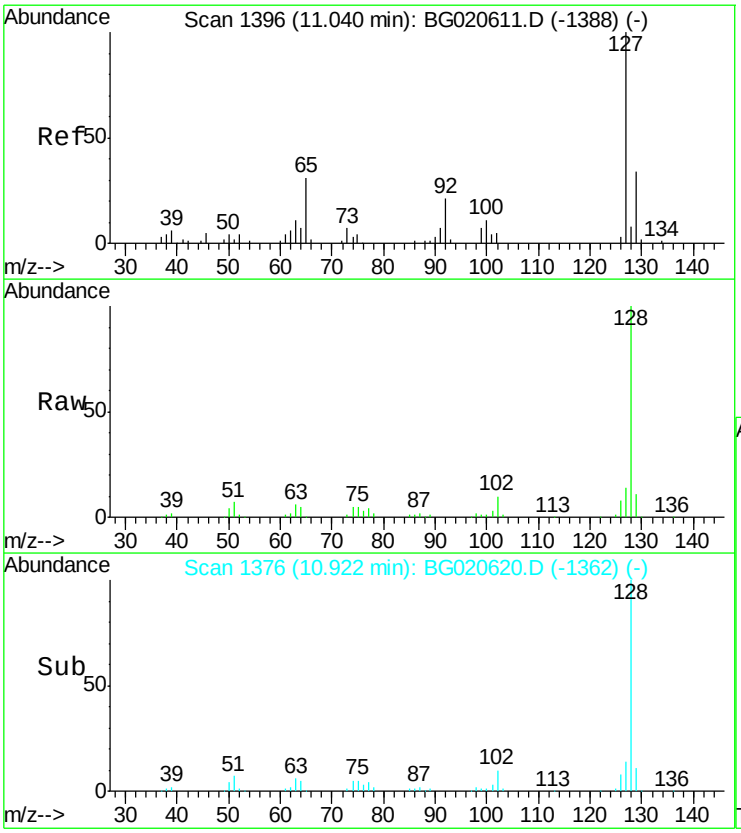
#28
Naphthalene
Concen: 49.04 ng/ul
RT: 10.93 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BG020620.D
Acq: 30 Dec 2015 22:26

Instrument :
BNA_G
ClientSampleId :
D9N48DL

Tgt Ion:128 Resp: 163751

Ion	Ratio	Lower	Upper
128	100		
129	10.2	8.3	12.5
127	13.1	10.8	16.2

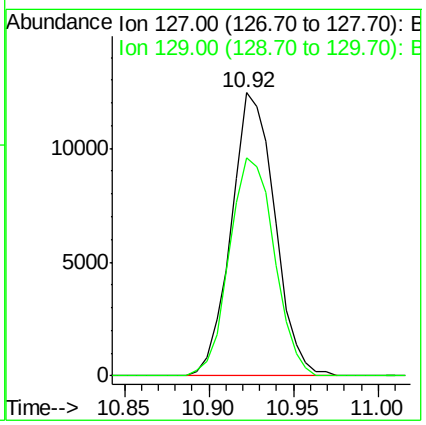


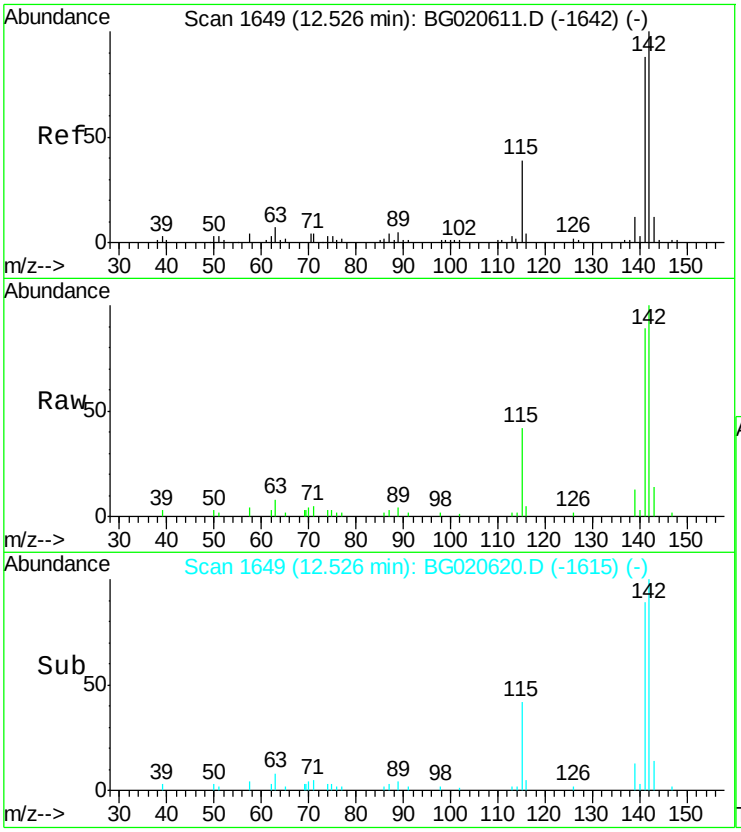


#30
4-Chloroaniline
Concen: 17.07 ng/ul
RT: 10.92 min Scan# 1376
Delta R.T. -0.12 min
Lab File: BG020620.D
Acq: 30 Dec 2015 22:26

Tgt Ion:127 Resp: 22363

Ion	Ratio	Lower	Upper
127	100		
129	77.1	24.6	37.0#



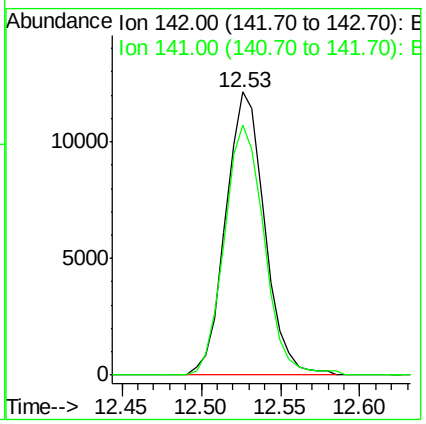


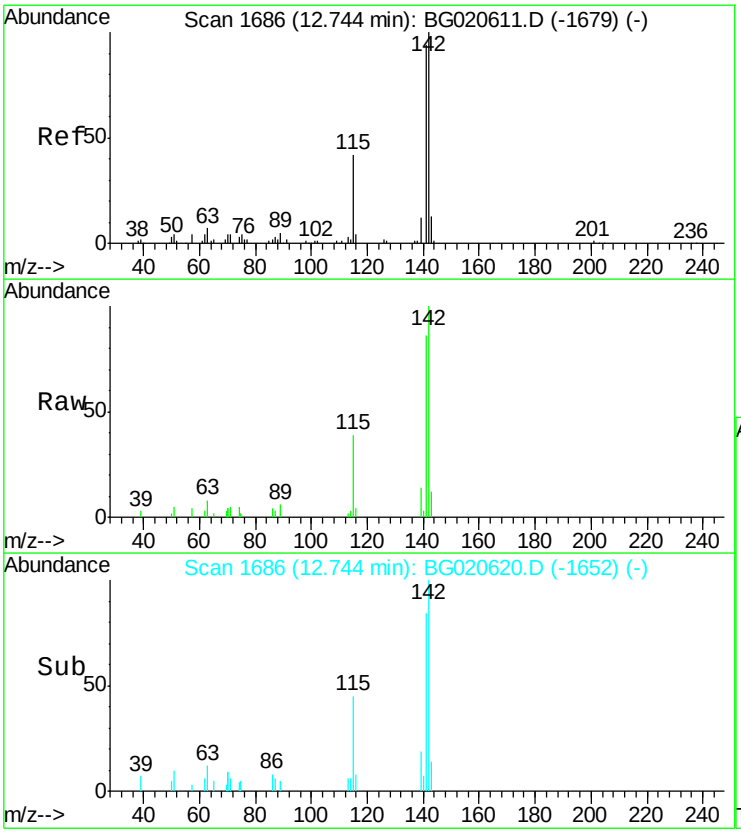
#34
2-Methylnaphthalene
Concen: 8.26 ng/ul
RT: 12.53 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BG020620.D
Acq: 30 Dec 2015 22:26

Instrument :
BNA_G
ClientSampleId :
D9N48DL

Tgt Ion:142 Resp: 20643

Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.4	107.2

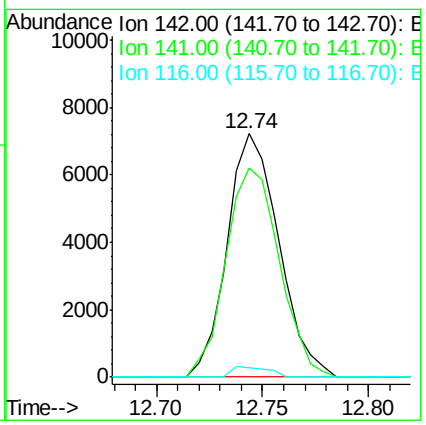


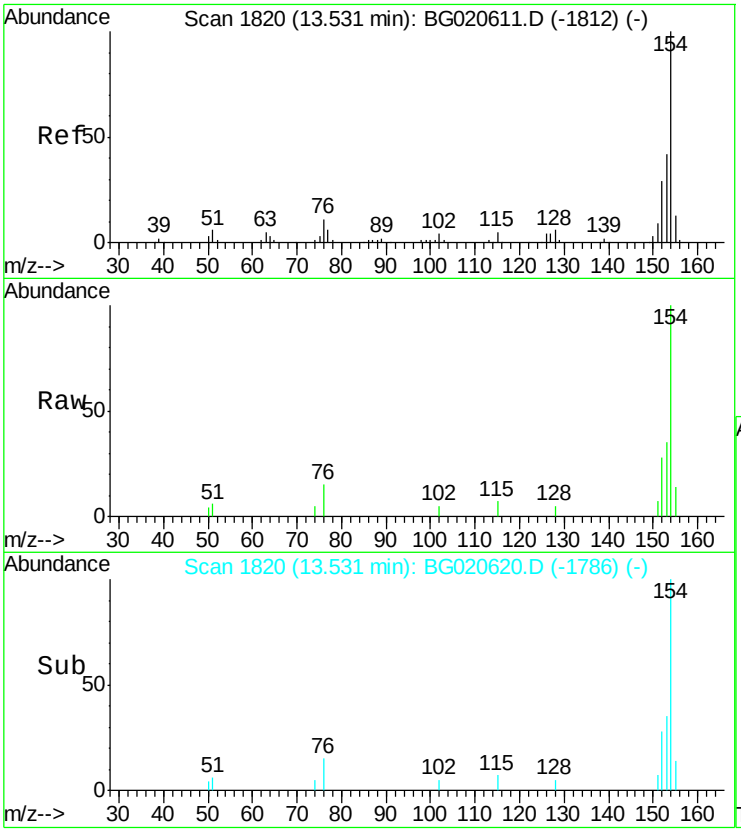


#35
1-Methylnaphthalene
Concen: 5.06 ng/ul
RT: 12.74 min Scan# 1686
Delta R.T. -0.00 min
Lab File: BG020620.D
Acq: 30 Dec 2015 22:26

Tgt Ion:142 Resp: 12209

Ion	Ratio	Lower	Upper
142	100		
141	85.7	76.6	115.0
116	3.7	3.6	5.4



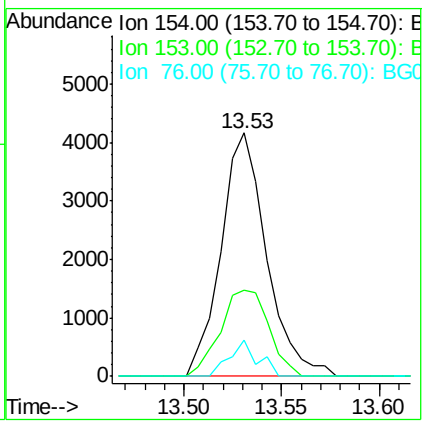


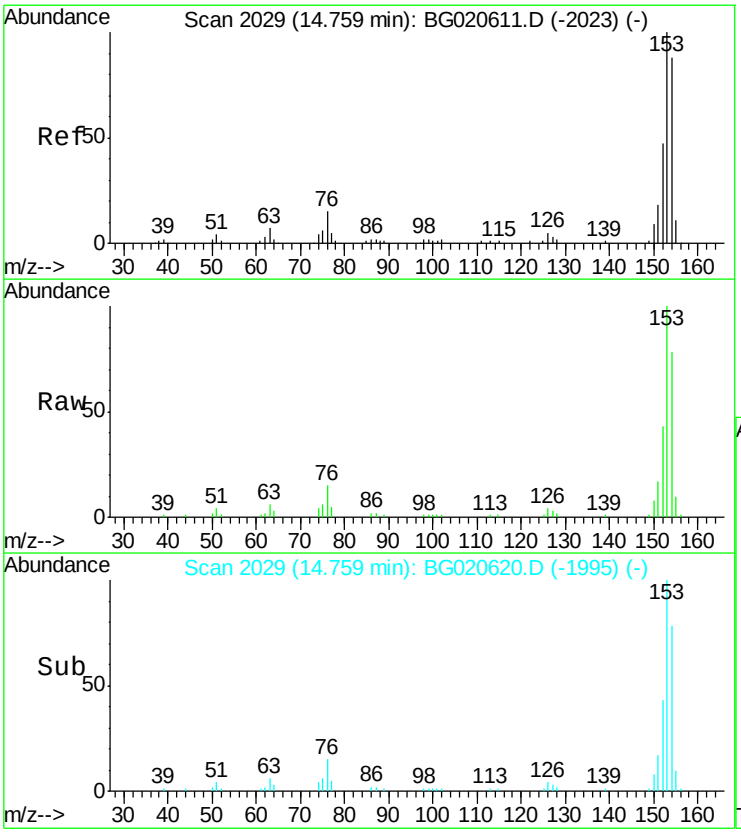
#41
1,1'-Biphenyl
Concen: 1.92 ng/ul
RT: 13.53 min Scan# 1820
Delta R.T. 0.00 min
Lab File: BG020620.D
Acq: 30 Dec 2015 22:26

Instrument :
BNA_G
ClientSampleId :
D9N48DL

Tgt Ion:154 Resp: 6730

Ion	Ratio	Lower	Upper
154	100		
153	35.3	34.0	51.0
76	14.9	8.4	12.6#

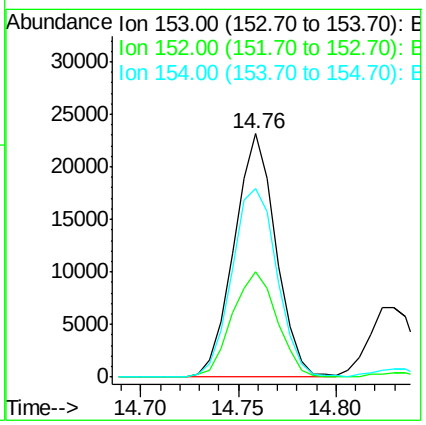


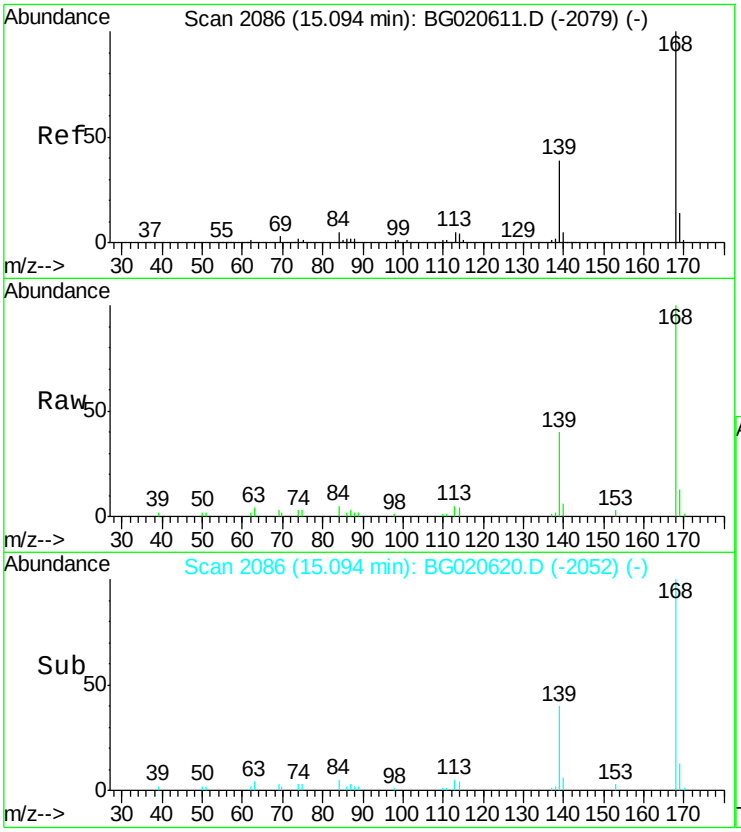


#50
Acenaphthene
Concen: 11.01 ng/ul
RT: 14.76 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BG020620.D
Acq: 30 Dec 2015 22:26

Tgt Ion:153 Resp: 34444

Ion	Ratio	Lower	Upper
153	100		
152	43.4	37.9	56.9
154	77.7	69.8	104.6



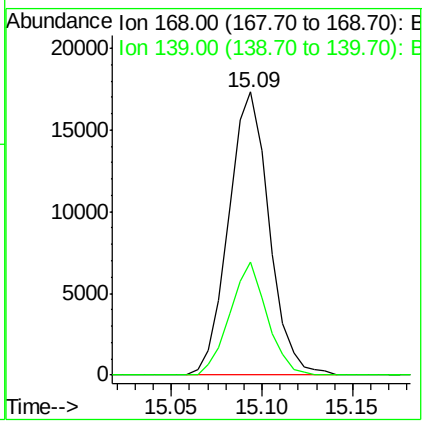


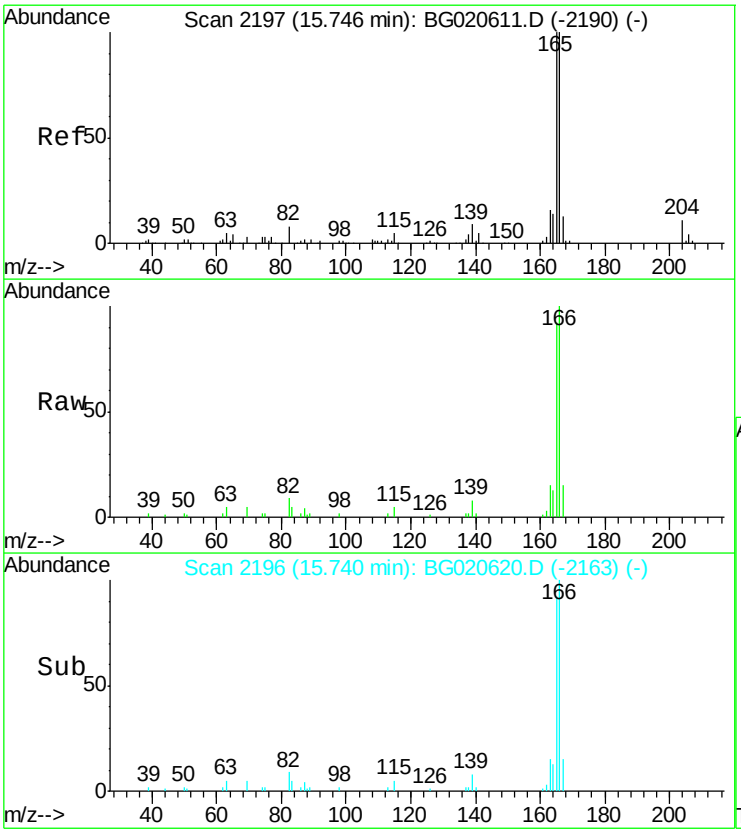
#54
Dibenzofuran
Concen: 5.70 ng/ul
RT: 15.09 min Scan# 2086
Delta R.T. 0.00 min
Lab File: BG020620.D
Acq: 30 Dec 2015 22:26

Instrument :
BNA_G
ClientSampleId :
D9N48DL

Tgt Ion:168 Resp: 26931

Ion	Ratio	Lower	Upper
168	100		
139	39.8	31.0	46.4

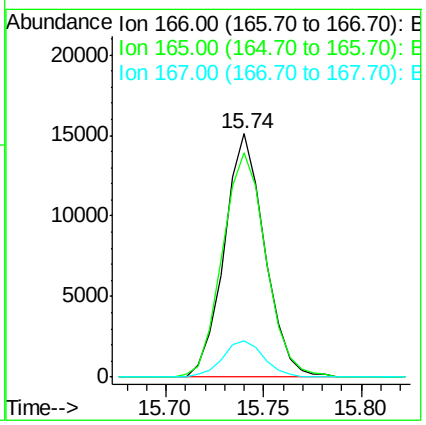


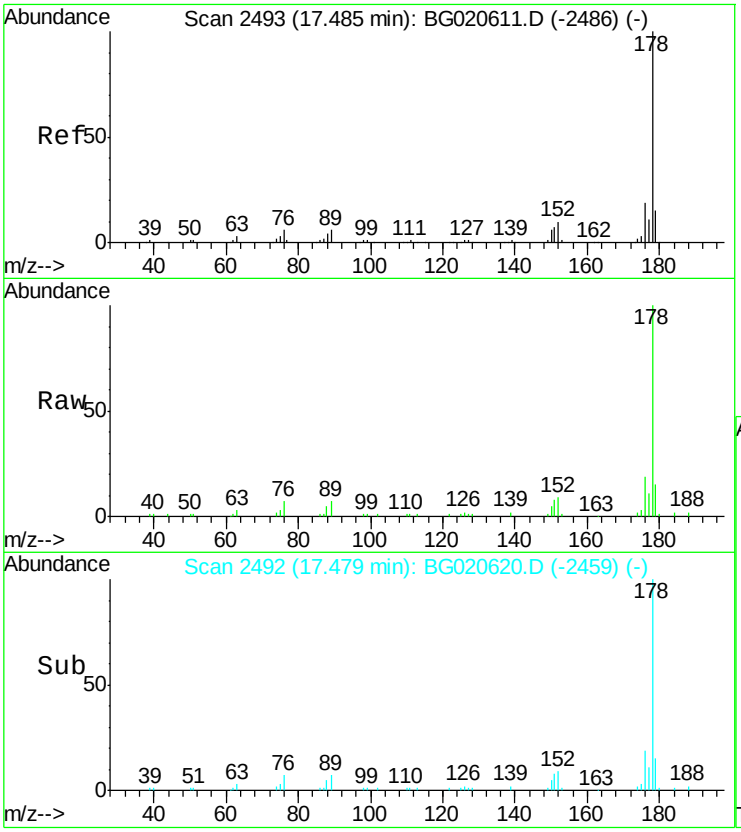


#59
Fluorene
Concen: 5.71 ng/ul
RT: 15.74 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG020620.D
Acq: 30 Dec 2015 22:26

Tgt Ion:166 Resp: 21716

Ion	Ratio	Lower	Upper
166	100		
165	92.3	78.4	117.6
167	14.8	11.1	16.7



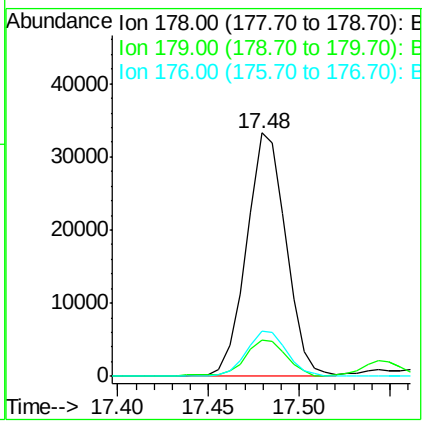


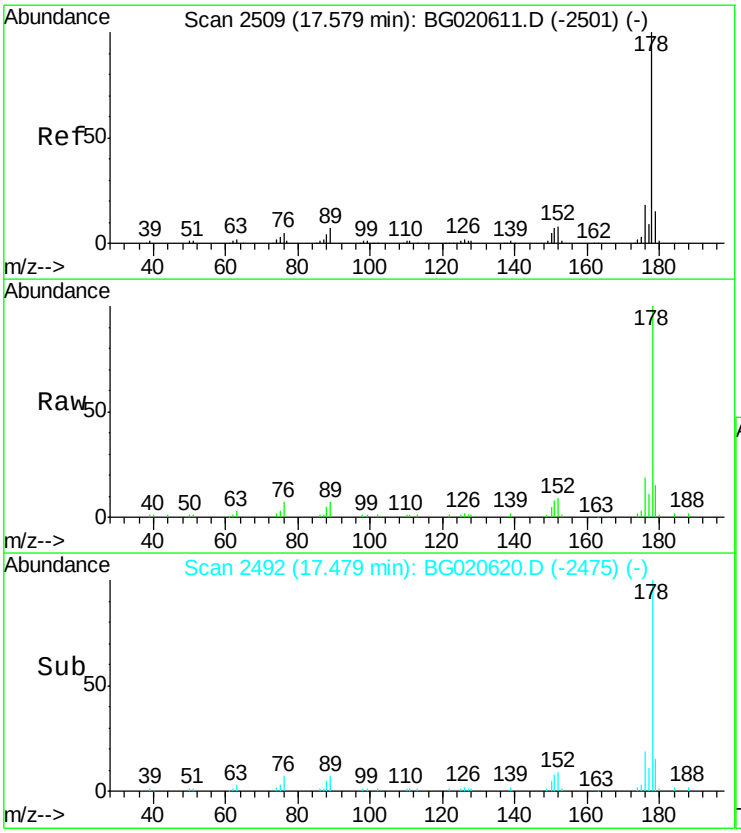
#70
Phenanthrene
Concen: 7.45 ng/ul
RT: 17.48 min Scan# 2492
Delta R.T. -0.01 min
Lab File: BG020620.D
Acq: 30 Dec 2015 22:26

Instrument :
BNA_G
ClientSampleId :
D9N48DL

Tgt Ion:178 Resp: 50267

Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.3	18.5
176	18.8	15.4	23.0

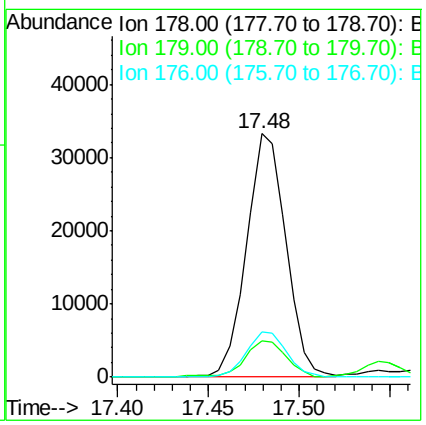


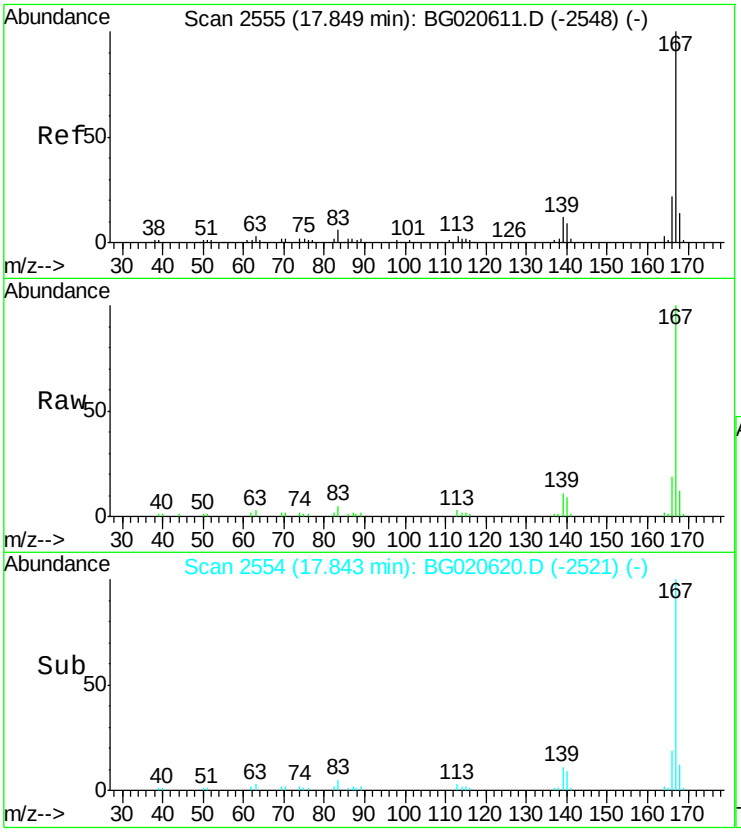


#72
Anthracene
Concen: 7.29 ng/ul
RT: 17.48 min Scan# 2492
Delta R.T. -0.10 min
Lab File: BG020620.D
Acq: 30 Dec 2015 22:26

Tgt Ion:178 Resp: 50267

Ion	Ratio	Lower	Upper
178	100		
179	14.7	13.4	20.2
176	18.8	15.4	23.0



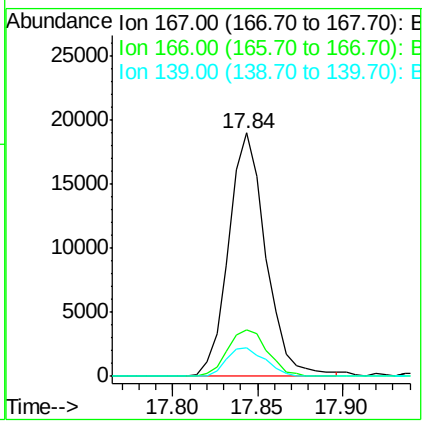


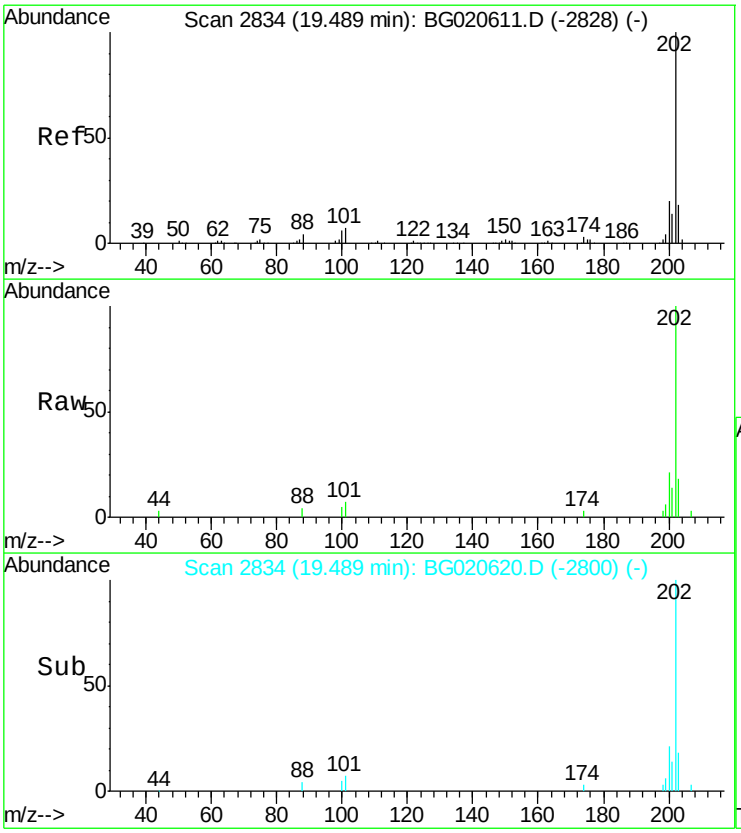
#75
Carbazole
Concen: 5.00 ng/ul
RT: 17.84 min Scan# 2554
Delta R.T. -0.01 min
Lab File: BG020620.D
Acq: 30 Dec 2015 22:26

Instrument :
BNA_G
ClientSampleId :
D9N48DL

Tgt Ion:167 Resp: 29125

Ion	Ratio	Lower	Upper
167	100		
166	19.2	17.0	25.4
139	11.5	9.1	13.7





#77
Fluoranthene
Concen: 1.08 ng/ul
RT: 19.49 min Scan# 2834
Delta R.T. -0.00 min
Lab File: BG020620.D
Acq: 30 Dec 2015 22:26

Tgt Ion:202 Resp: 8879

Ion	Ratio	Lower	Upper
202	100		
101	6.6	6.1	9.1
100	5.4	4.6	7.0