Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123015\
Data File : BG020629.D
Acq On : 31 Dec 2015 4:57
Operator : UM/SJ
Sample : G4846-10DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N56DL

Quant Time: Dec 31 05:49:31 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 31 03:43:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	14340	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	61882	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	47321	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	127132	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	157416	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	152247	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	7.22	99	265	0.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	1891	2.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	2132	2.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	1348	1.30	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	1250	2.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	1419	2.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	2516	2.39	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.10	166	15136	3.91	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	17066	3.88	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.68	176	13976	3.98	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	1056	1.37	ng/ul	0.00
71) Anthracene-d10	17.54	188	25283	4.27	ng/ul	0.00
79) Pyrene-d10	19.82	212	29281	4.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	30114	3.96	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.93	128	147780	45.09	ng/ul	99
30) 4-Chloroaniline	10.93	127	19849	15.44	ng/ul#	22
34) 2-Methylnaphthalene	12.53	142	24838	10.13	ng/ul	96
35) 1-Methylnaphthalene	12.74	142	8943	3.78	ng/ul	98
41) 1,1'-Biphenyl	13.53	154	4617	1.30	ng/ul#	92
50) Acenaphthene	14.76	153	20933	6.60	ng/ul	96
54) Dibenzofuran	15.09	168	18223	3.80	ng/ul	99
59) Fluorene	15.74	166	16375	4.25	ng/ul#	92
70) Phenanthrene	17.48	178	52954	7.66	ng/ul	98
72) Anthracene	17.48	178	52954	7.49	ng/ul	97
77) Fluoranthene	19.49	202	10299	1.22	ng/ul	99

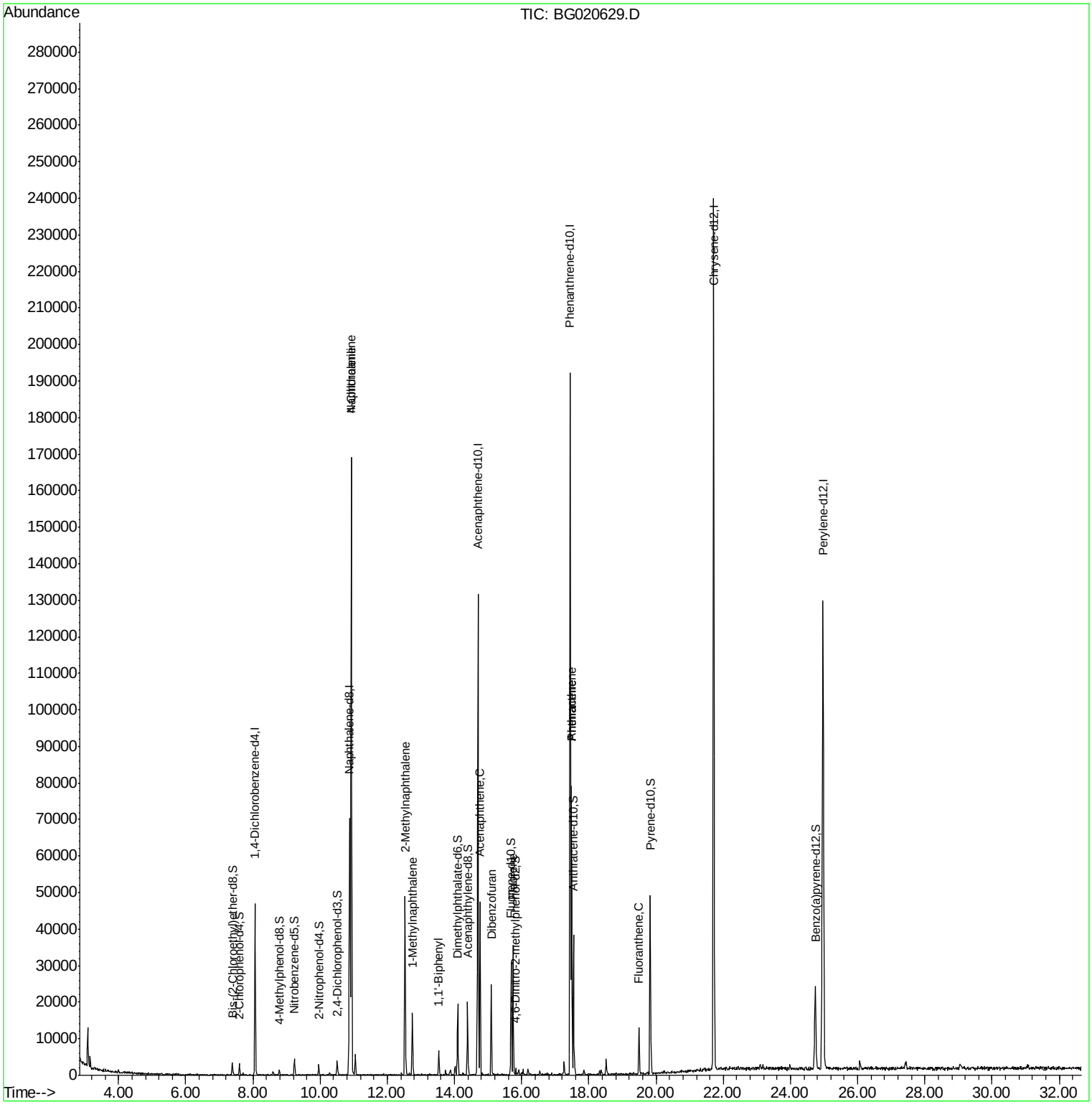
(#) = qualifier out of range (m) = manual integration (+) = signals summed

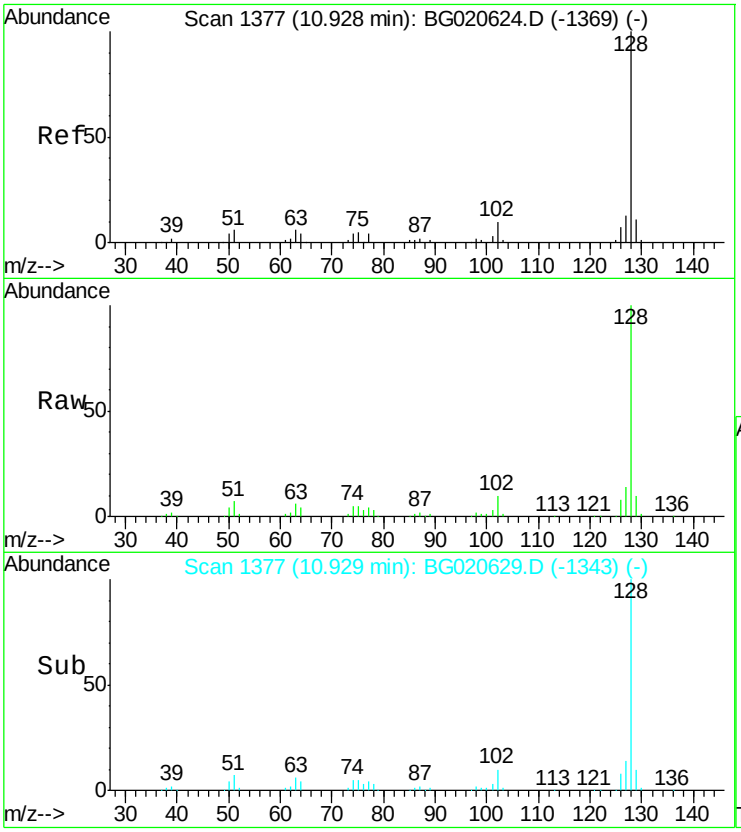
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123015\
Data File : BG020629.D
Acq On : 31 Dec 2015 4:57
Operator : UM/SJ
Sample : G4846-10DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N56DL

Quant Time: Dec 31 05:49:31 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 31 03:43:50 2015
Response via : Initial Calibration



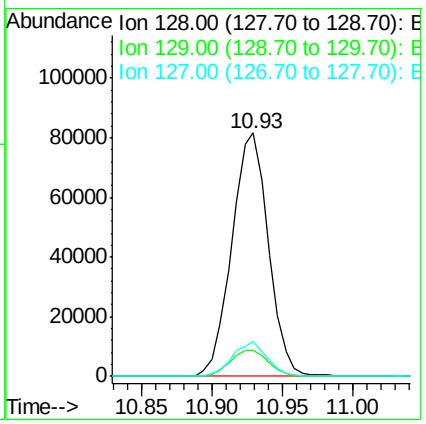


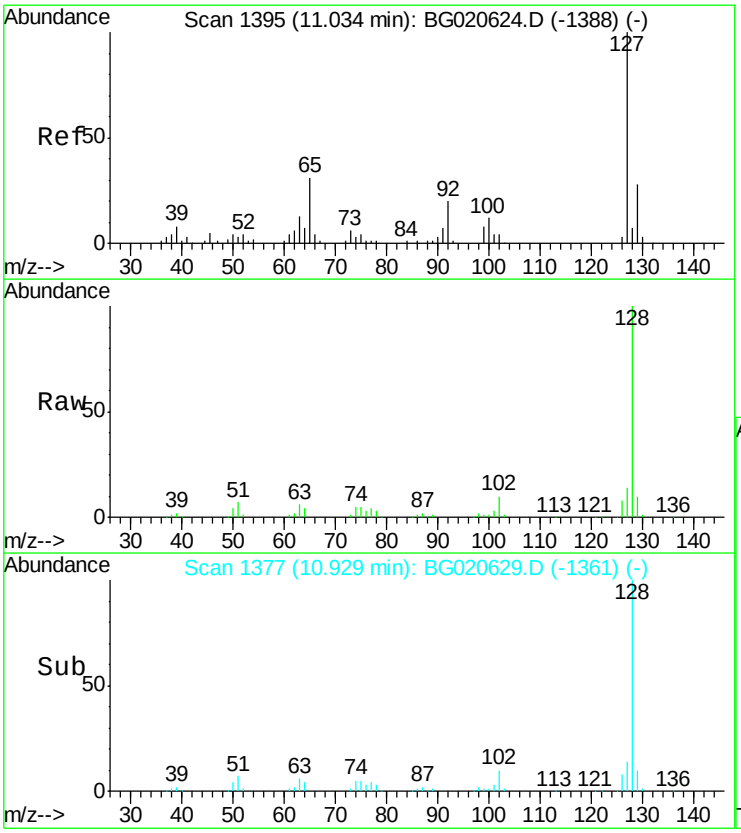
#28
Naphthalene
Concen: 45.09 ng/ul
RT: 10.93 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BG020629.D
Acq: 31 Dec 2015 4:57

Instrument :
BNA_G
ClientSampleId :
D9N56DL

Tgt Ion:128 Resp: 147780

Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.3	12.5
127	14.2	10.8	16.2

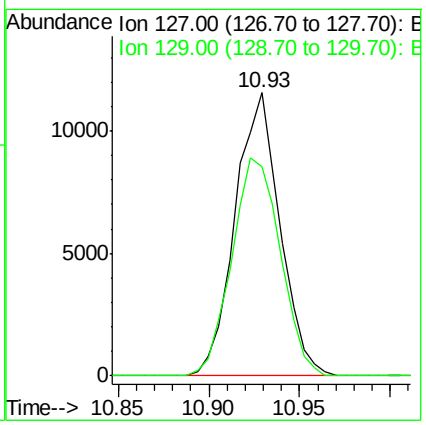


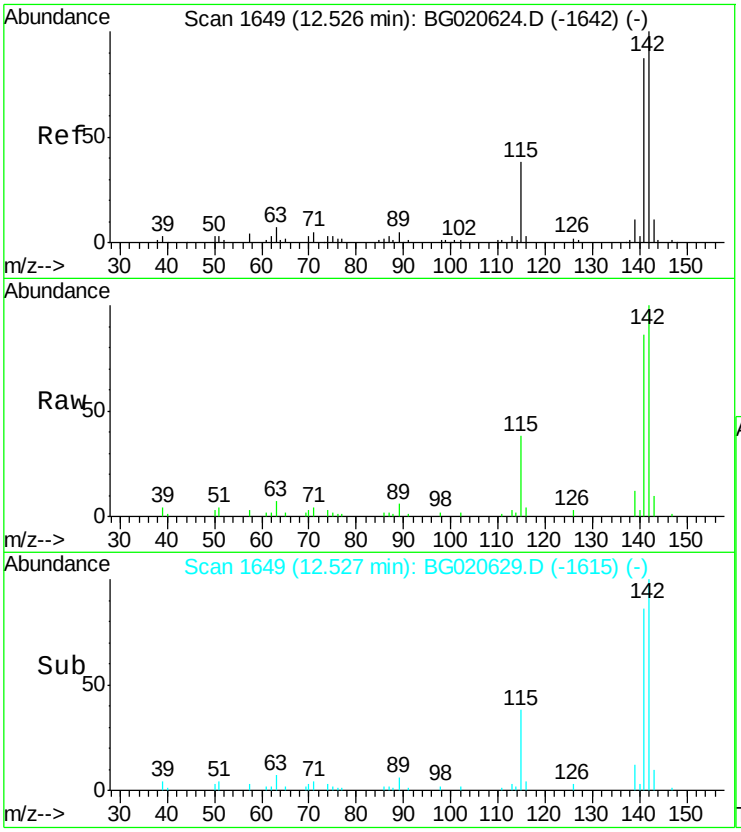


#30
4-Chloroaniline
Concen: 15.44 ng/ul
RT: 10.93 min Scan# 1377
Delta R.T. -0.10 min
Lab File: BG020629.D
Acq: 31 Dec 2015 4:57

Tgt Ion:127 Resp: 19849

Ion	Ratio	Lower	Upper
127	100		
129	73.7	24.6	37.0#



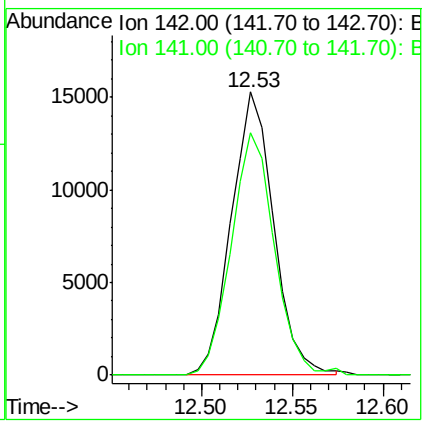


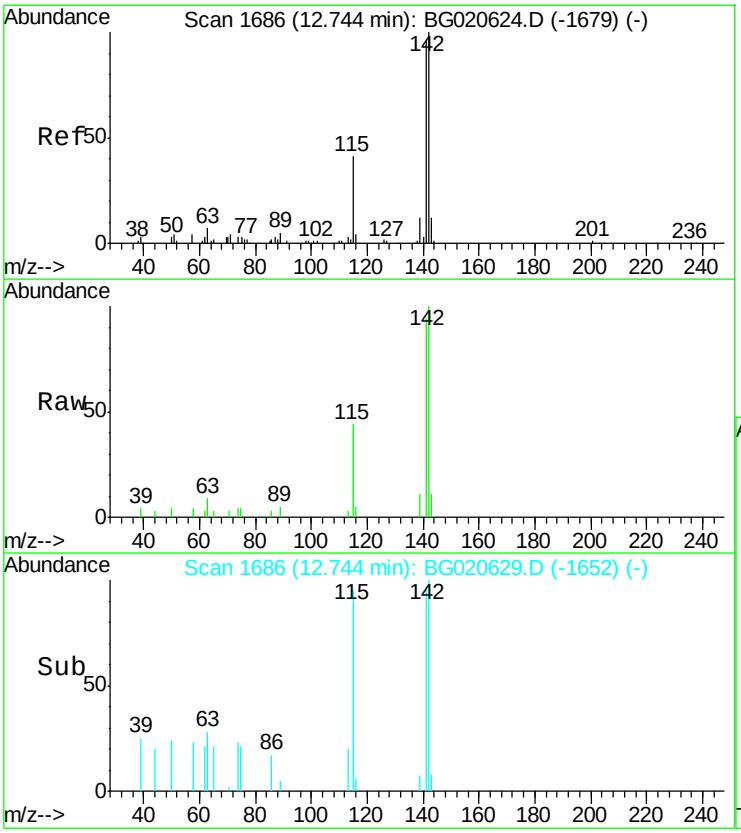
#34
2-Methylnaphthalene
Concen: 10.13 ng/ul
RT: 12.53 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BG020629.D
Acq: 31 Dec 2015 4:57

Instrument :
BNA_G
ClientSampleId :
D9N56DL

Tgt Ion:142 Resp: 24838

Ion	Ratio	Lower	Upper
142	100		
141	85.6	71.4	107.2

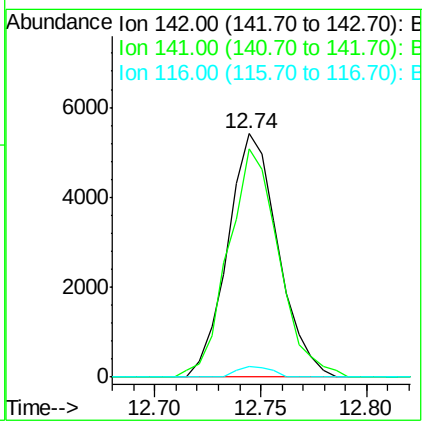


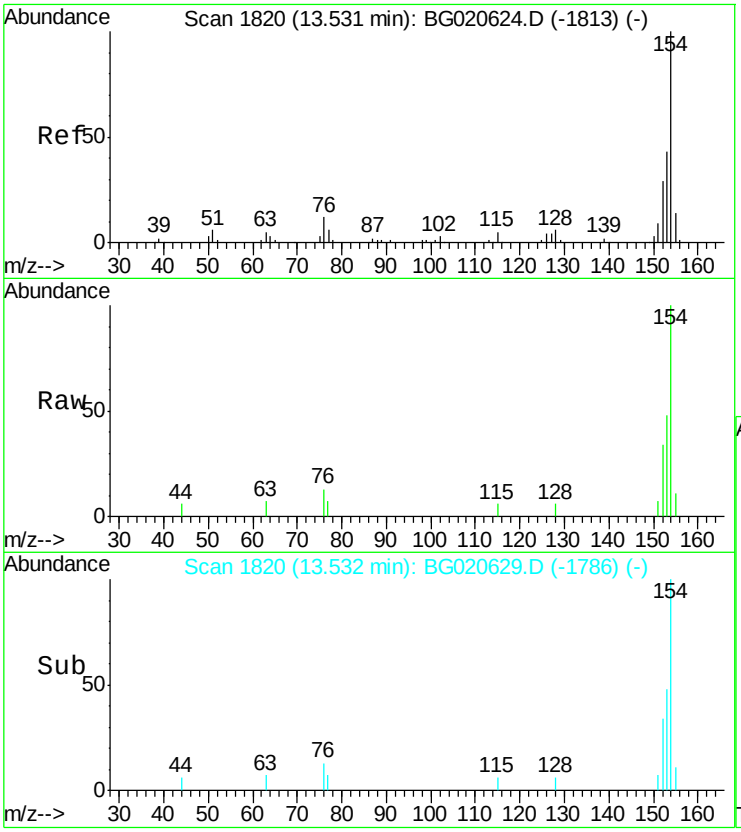


#35
1-Methylnaphthalene
Concen: 3.78 ng/ul
RT: 12.74 min Scan# 1686
Delta R.T. 0.00 min
Lab File: BG020629.D
Acq: 31 Dec 2015 4:57

Tgt Ion:142 Resp: 8943

Ion	Ratio	Lower	Upper
142	100		
141	93.6	76.6	115.0
116	4.6	3.6	5.4



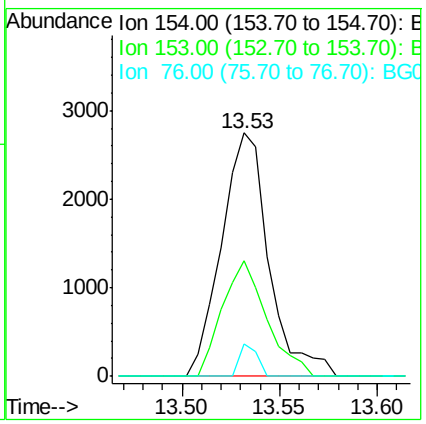


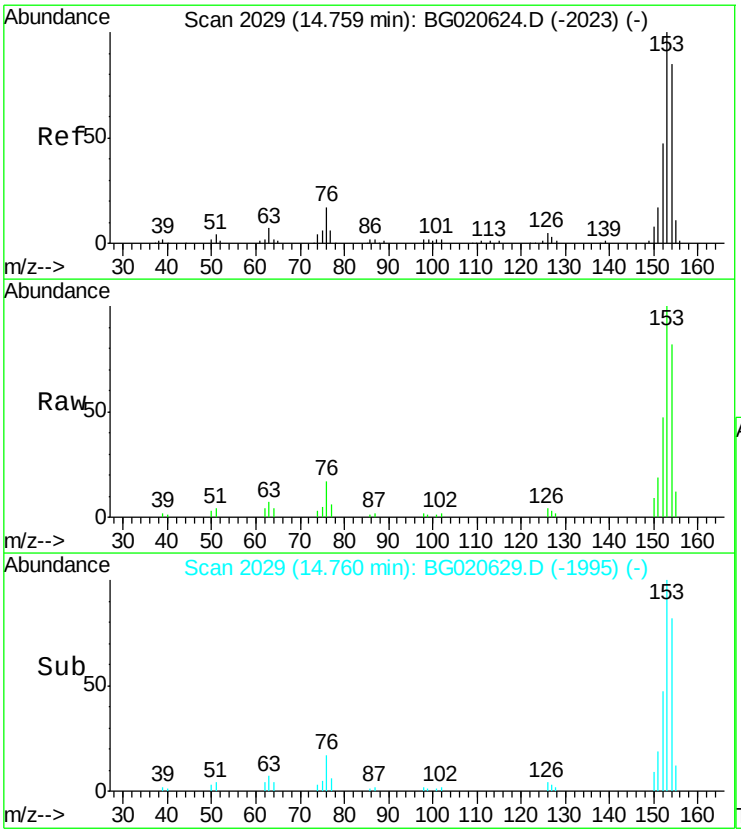
#41
1,1'-Biphenyl
Concen: 1.30 ng/ul
RT: 13.53 min Scan# 1820
Delta R.T. 0.00 min
Lab File: BG020629.D
Acq: 31 Dec 2015 4:57

Instrument :
BNA_G
ClientSampleId :
D9N56DL

Tgt Ion:154 Resp: 4617

Ion	Ratio	Lower	Upper
154	100		
153	47.7	34.0	51.0
76	13.4	8.4	12.6#

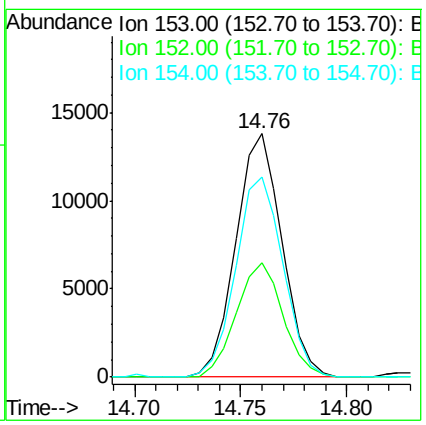


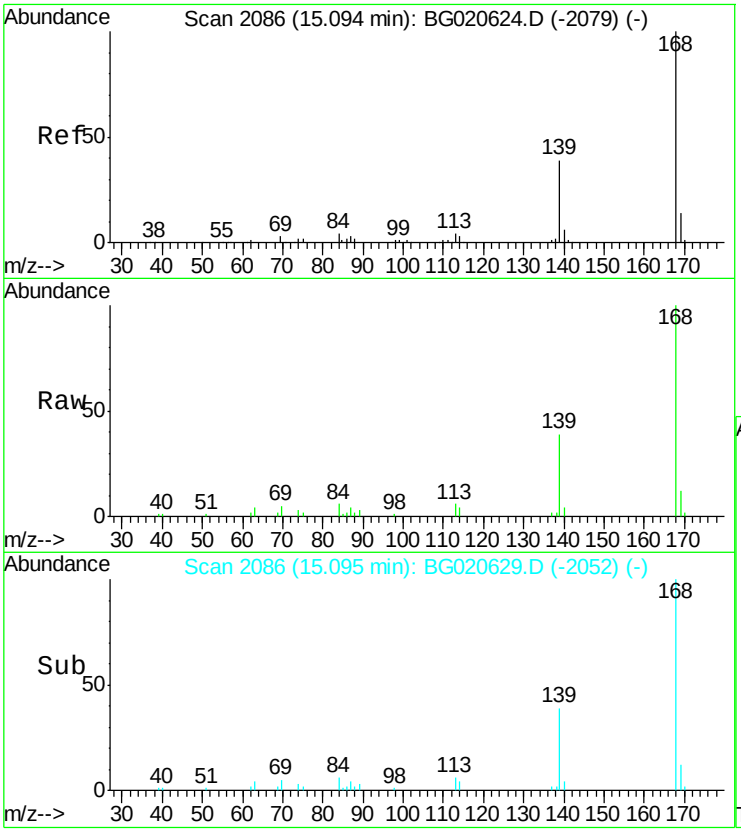


#50
Acenaphthene
Concen: 6.60 ng/ul
RT: 14.76 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BG020629.D
Acq: 31 Dec 2015 4:57

Tgt Ion:153 Resp: 20933

Ion	Ratio	Lower	Upper
153	100		
152	46.9	37.9	56.9
154	82.4	69.8	104.6



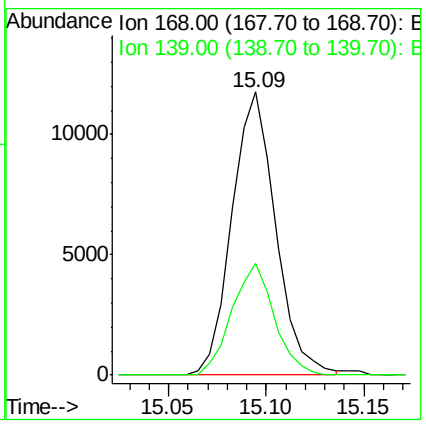


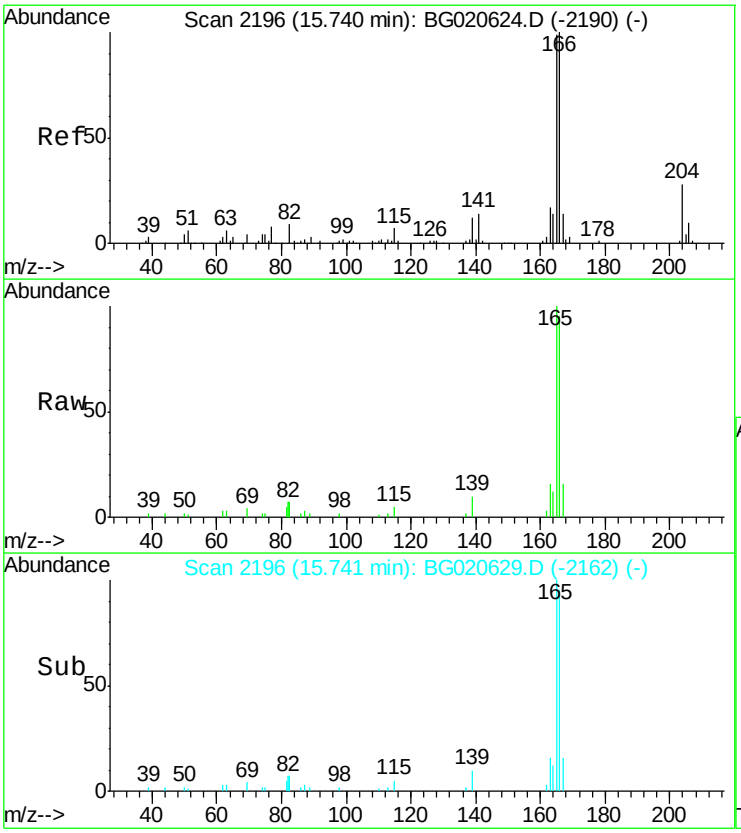
#54
Dibenzofuran
Concen: 3.80 ng/ul
RT: 15.09 min Scan# 2086
Delta R.T. 0.00 min
Lab File: BG020629.D
Acq: 31 Dec 2015 4:57

Instrument :
BNA_G
ClientSampleId :
D9N56DL

Tgt Ion:168 Resp: 18223

Ion	Ratio	Lower	Upper
168	100		
139	39.5	31.0	46.4

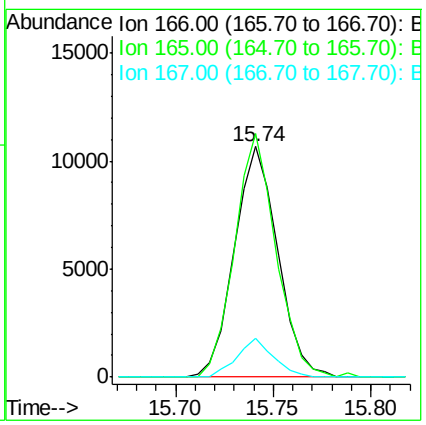


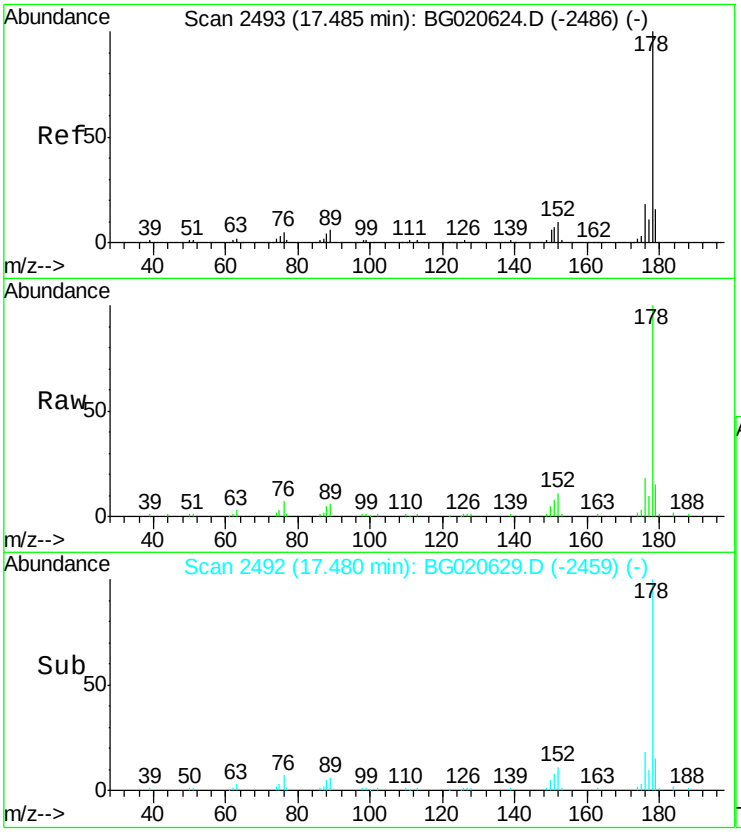


#59
Fluorene
Concen: 4.25 ng/ul
RT: 15.74 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BG020629.D
Acq: 31 Dec 2015 4:57

Tgt Ion:166 Resp: 16375

Ion	Ratio	Lower	Upper
166	100		
165	105.6	78.4	117.6
167	16.9	11.1	16.7#



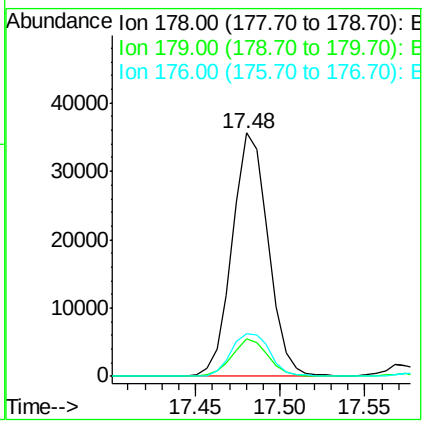


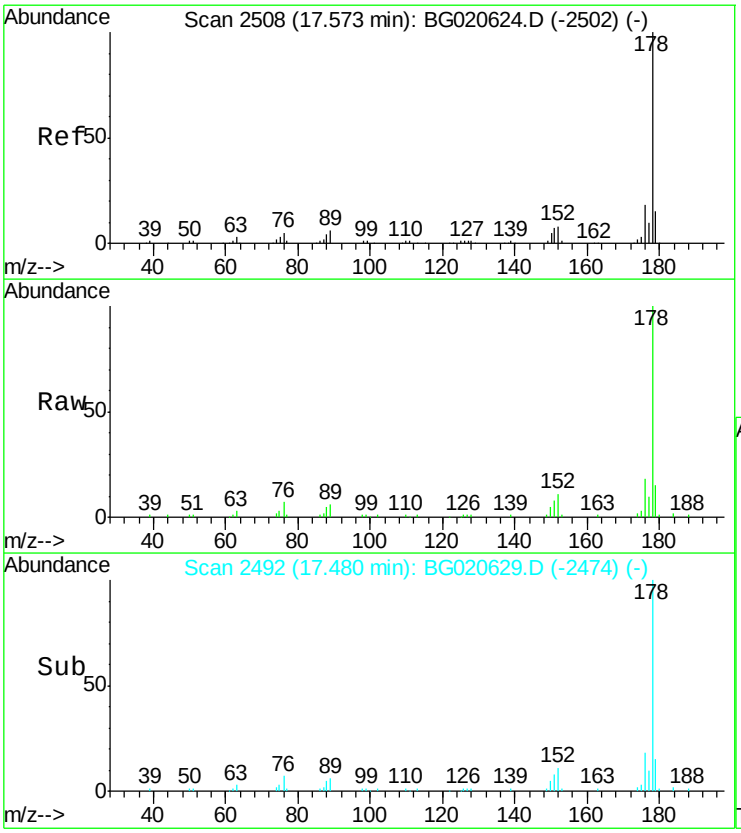
#70
Phenanthrene
Concen: 7.66 ng/ul
RT: 17.48 min Scan# 2492
Delta R.T. -0.01 min
Lab File: BG020629.D
Acq: 31 Dec 2015 4:57

Instrument :
BNA_G
ClientSampleId :
D9N56DL

Tgt Ion:178 Resp: 52954

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	17.7	15.4	23.0

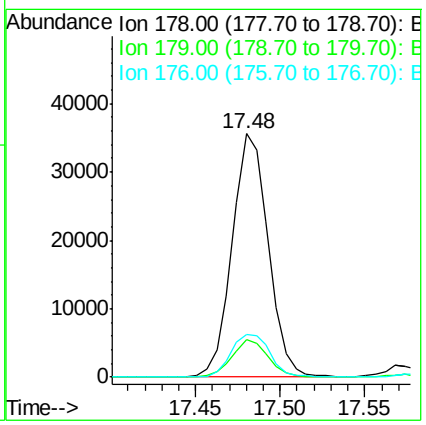


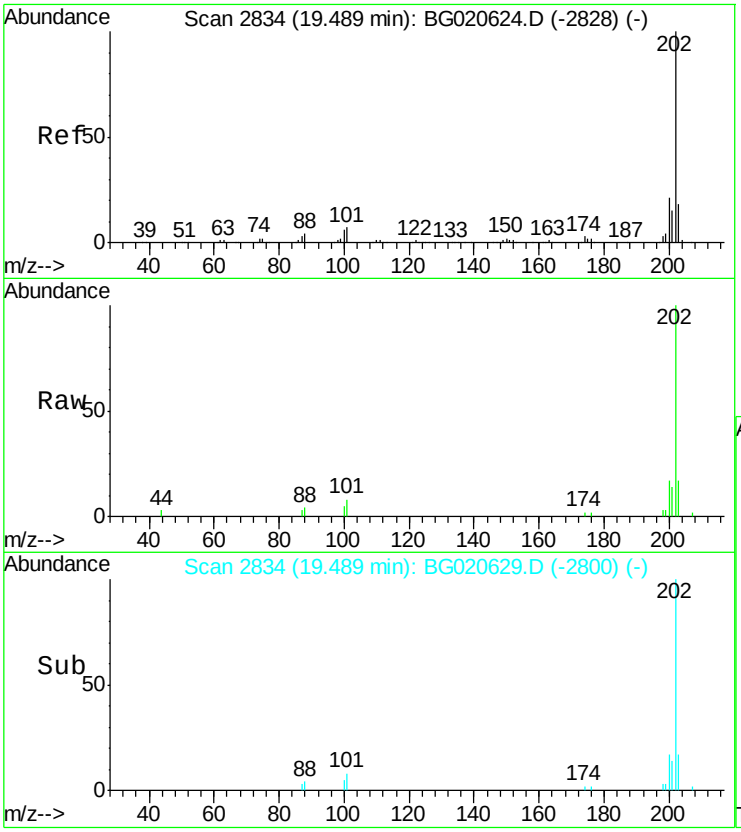


#72
Anthracene
Concen: 7.49 ng/ul
RT: 17.48 min Scan# 2492
Delta R.T. -0.09 min
Lab File: BG020629.D
Acq: 31 Dec 2015 4:57

Tgt Ion:178 Resp: 52954

Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.4	20.2
176	17.7	15.4	23.0





#77
Fluoranthene
Concen: 1.22 ng/ul
RT: 19.49 min Scan# 2834
Delta R.T. 0.00 min
Lab File: BG020629.D
Acq: 31 Dec 2015 4:57

Instrument :
BNA_G
ClientSampleId :
D9N56DL

Tgt Ion:202 Resp: 10299

Ion	Ratio	Lower	Upper
202	100		
101	8.0	6.1	9.1
100	5.3	4.6	7.0