Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122115\
Data File : BG020383.D
Acq On : 21 Dec 2015 19:07
Operator : UM/SJ
Sample : G4768-05DL 50X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N29DL

Quant Time: Dec 22 02:03:06 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 22 02:00:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	17319	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	76825	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	49696	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	119800	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	140889	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	111073	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.42	99	664	0.43	ng/ul	0.16
7) Bis-(2-Chloroethyl)ether-d	7.41	67	549	0.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	459	0.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	226	0.17	ng/ul	0.01
19) Nitrobenzene-d5	9.27	128	260	0.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	325	0.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	679	0.50	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.12	166	2684	0.67	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	3647	0.78	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.71	176	3138	0.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.56	188	6241	1.13	ng/ul	-0.01
79) Pyrene-d10	19.84	212	5186	0.79	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.80	264	3904	0.70	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.96	128	146164	36.43	ng/ul	97
30) 4-Chloroaniline	10.96	127	19118	12.35	ng/ul#	10
34) 2-Methylnaphthalene	12.56	142	25423	8.30	ng/ul	93
35) 1-Methylnaphthalene	12.78	142	14421	4.89	ng/ul#	89
41) 1,1'-Biphenyl	13.56	154	8577	2.29	ng/ul	94
50) Acenaphthene	14.79	153	39717	11.88	ng/ul	99
54) Dibenzofuran	15.12	168	30612	6.16	ng/ul	96
59) Fluorene	15.77	166	21841	5.47	ng/ul	98
70) Phenanthrene	17.51	178	46133	7.04	ng/ul	99
72) Anthracene	17.51	178	46133	6.94	ng/ul	98
75) Carbazole	17.87	167	24839	4.45	ng/ul#	97
77) Fluoranthene	19.52	202	7778	1.02	ng/ul	97

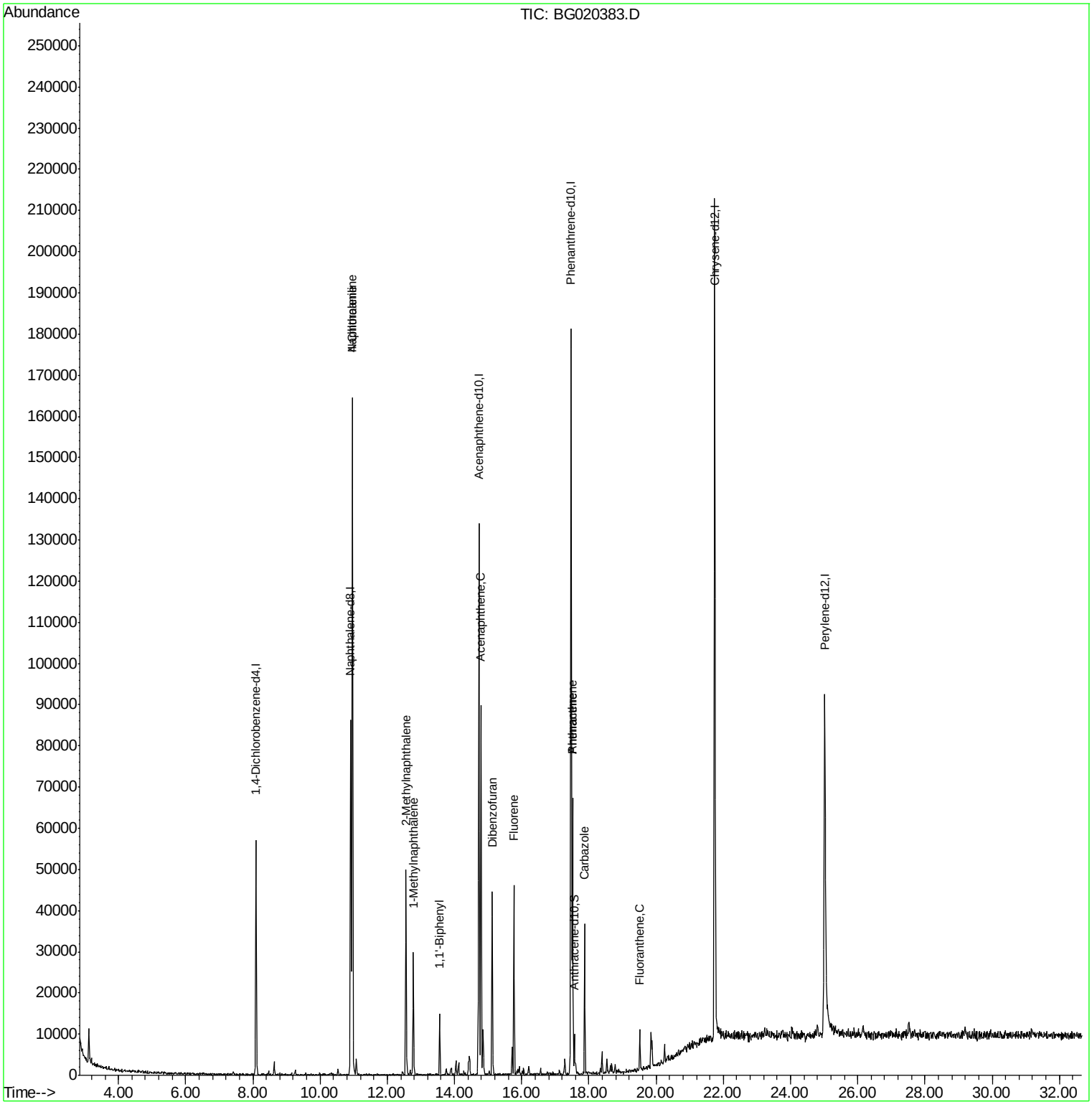
(#) = qualifier out of range (m) = manual integration (+) = signals summed

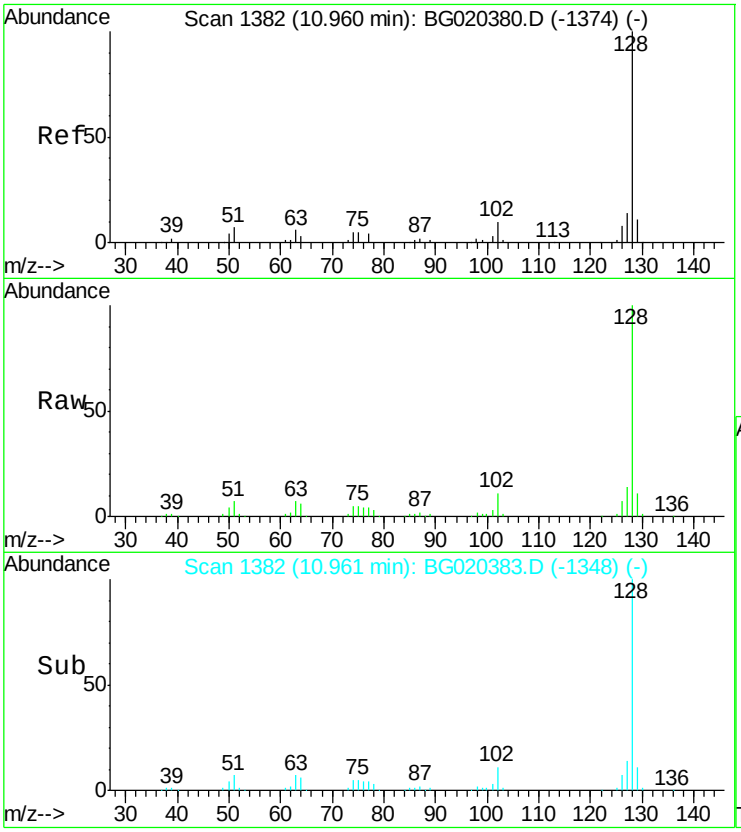
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122115\
Data File : BG020383.D
Acq On : 21 Dec 2015 19:07
Operator : UM/SJ
Sample : G4768-05DL 50X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N29DL

Quant Time: Dec 22 02:03:06 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 22 02:00:19 2015
Response via : Initial Calibration



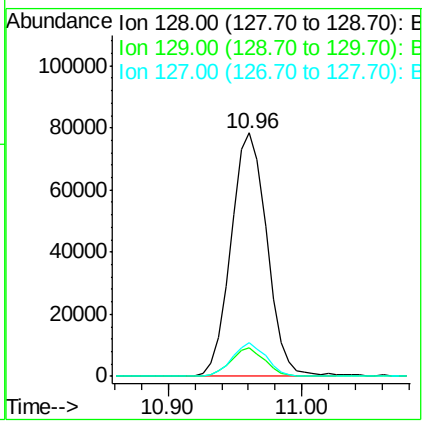


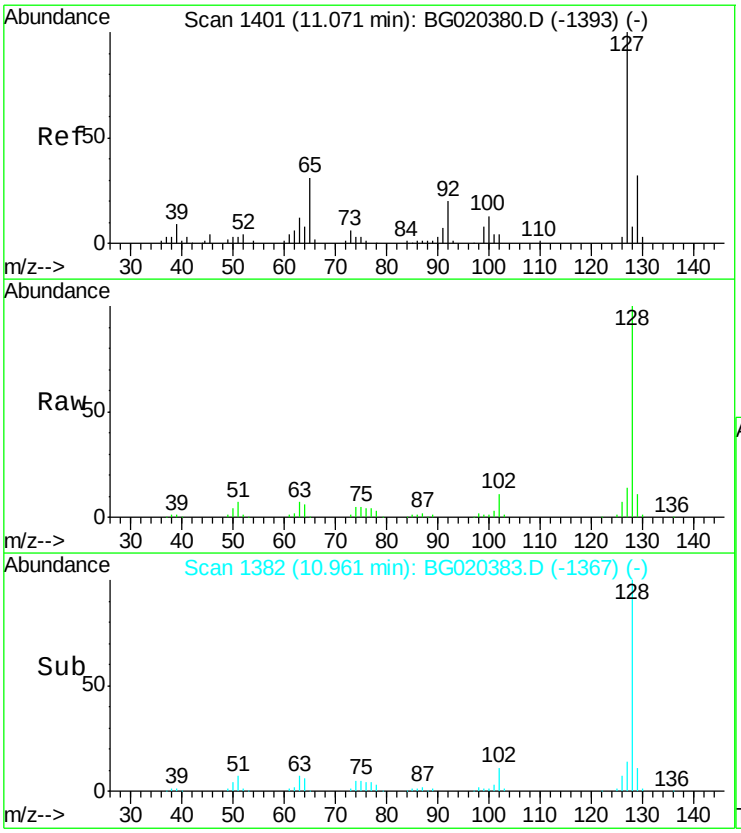
#28
Naphthalene
Concen: 36.43 ng/ul
RT: 10.96 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BG020383.D
Acq: 21 Dec 2015 19:07

Instrument :
BNA_G
ClientSampleId :
D9N29DL

Tgt Ion:128 Resp: 146164

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	12.8
127	14.0	10.1	15.1

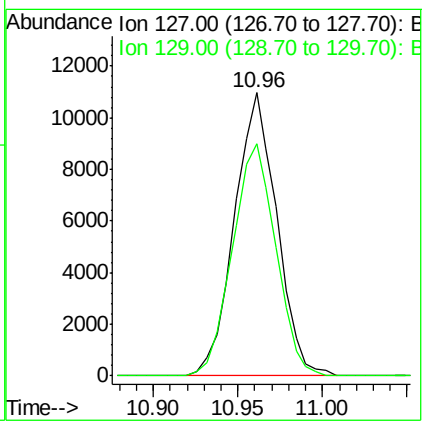


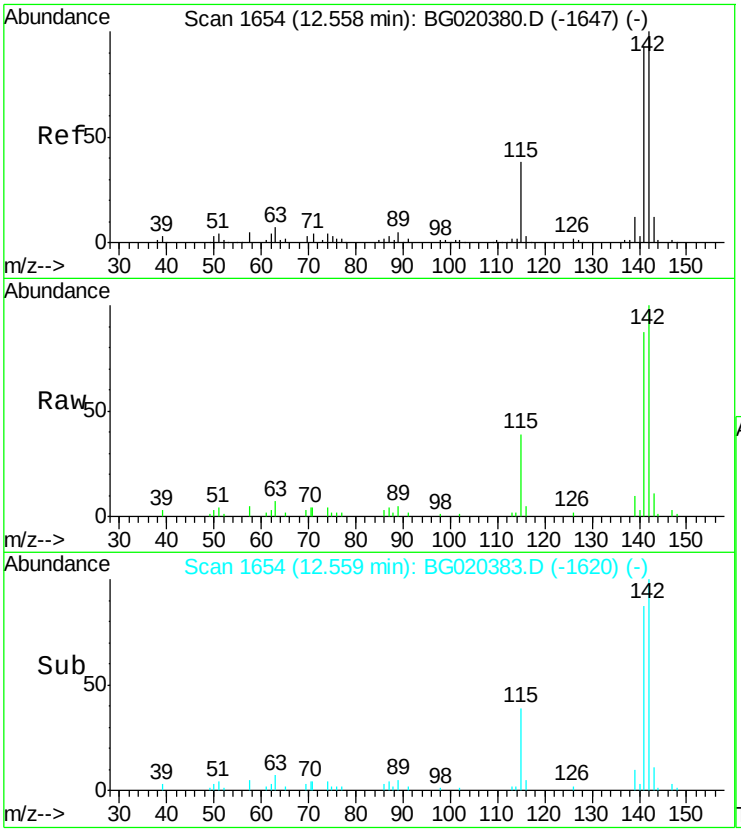


#30
4-Chloroaniline
Concen: 12.35 ng/ul
RT: 10.96 min Scan# 1382
Delta R.T. -0.11 min
Lab File: BG020383.D
Acq: 21 Dec 2015 19:07

Tgt Ion:127 Resp: 19118

Ion	Ratio	Lower	Upper
127	100		
129	82.2	25.7	38.5#



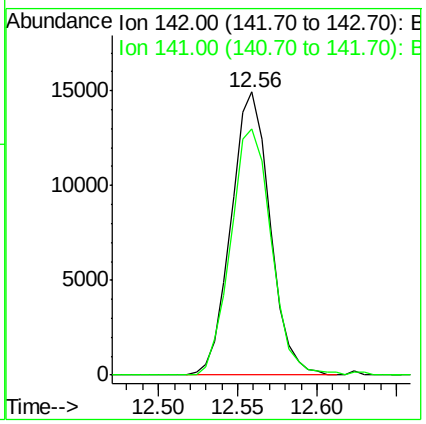


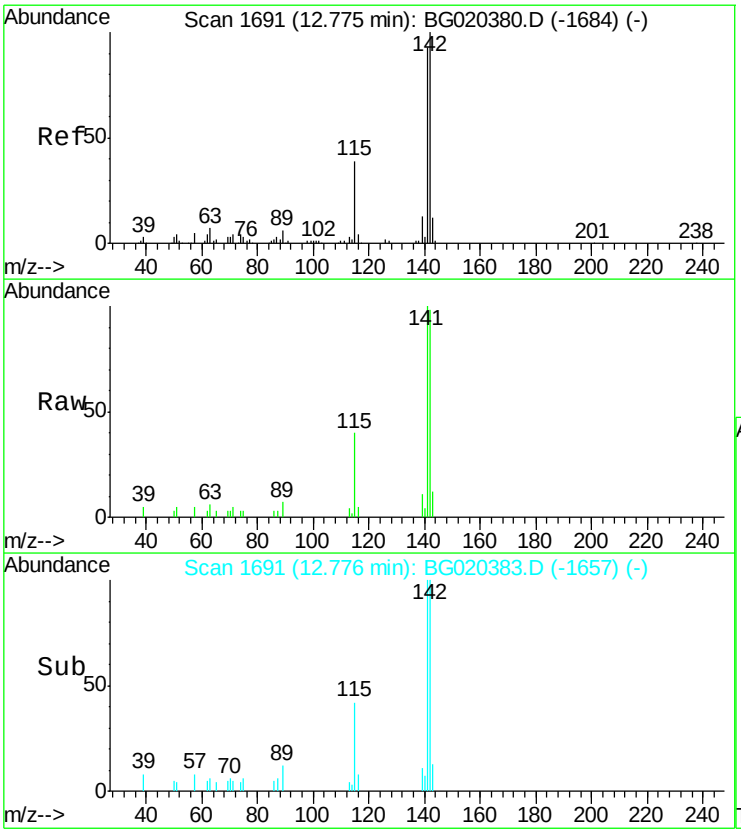
#34
2-Methylnaphthalene
Concen: 8.30 ng/ul
RT: 12.56 min Scan# 1654
Delta R.T. 0.00 min
Lab File: BG020383.D
Acq: 21 Dec 2015 19:07

Instrument :
BNA_G
ClientSampleId :
D9N29DL

Tgt Ion:142 Resp: 25423

Ion	Ratio	Lower	Upper
142	100		
141	87.1	74.9	112.3

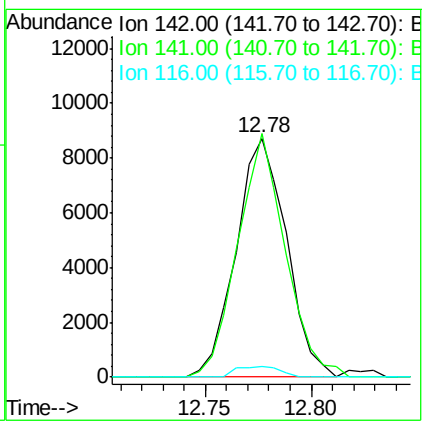


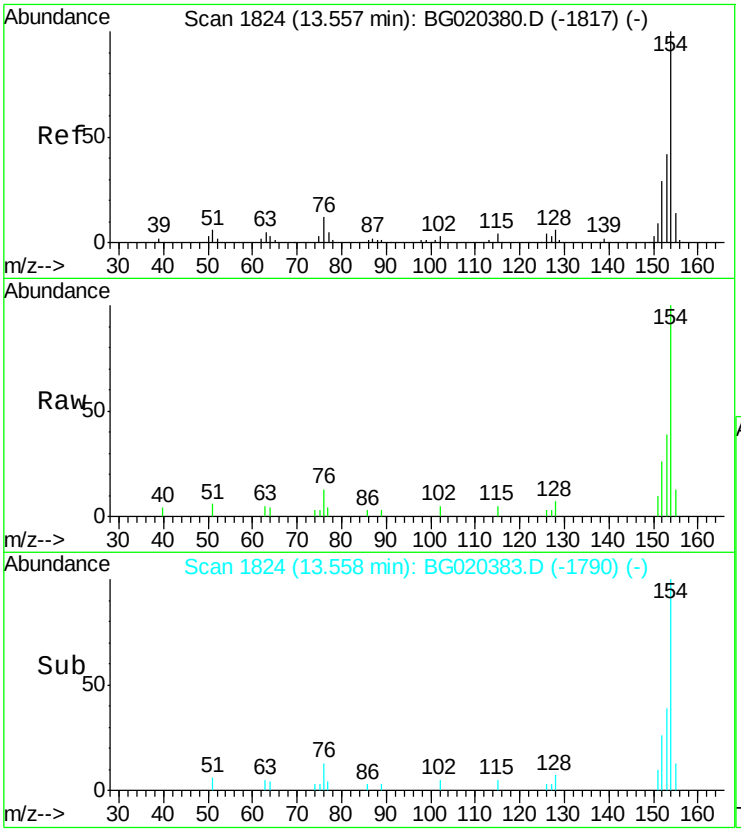


#35
1-Methylnaphthalene
Concen: 4.89 ng/ul
RT: 12.78 min Scan# 1691
Delta R.T. 0.00 min
Lab File: BG020383.D
Acq: 21 Dec 2015 19:07

Tgt Ion:142 Resp: 14421

Ion	Ratio	Lower	Upper
142	100		
141	101.9	73.0	109.6
116	4.6	3.0	4.6#



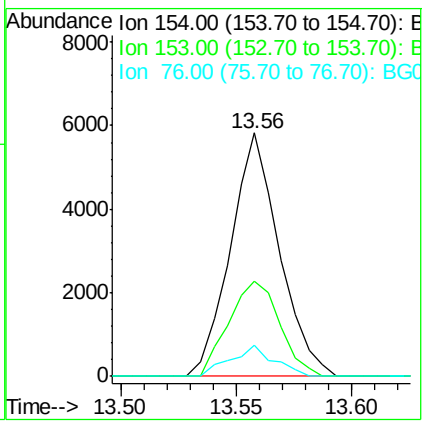


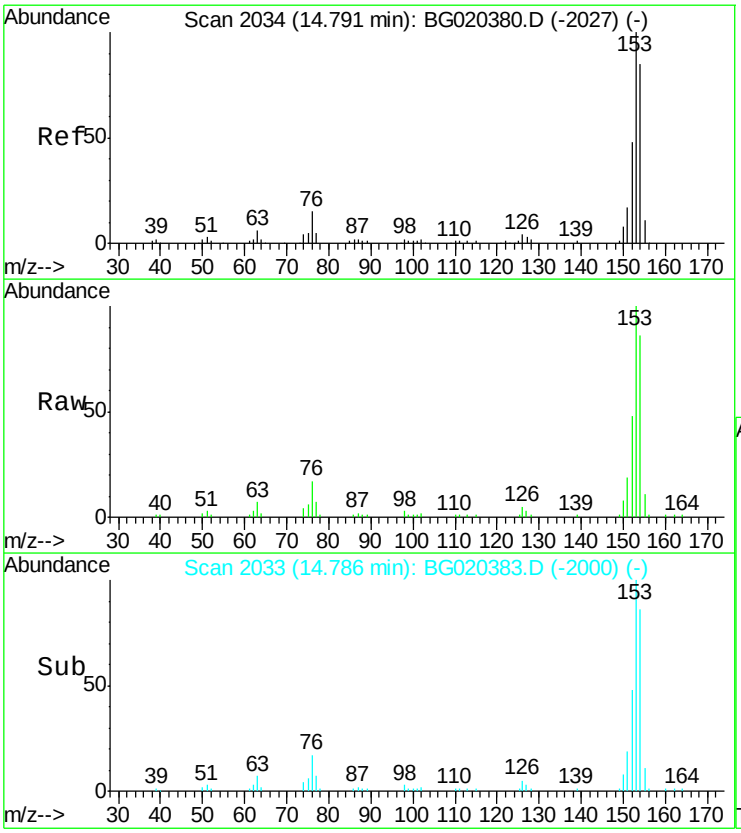
#41
1,1'-Biphenyl
Concen: 2.29 ng/ul
RT: 13.56 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BG020383.D
Acq: 21 Dec 2015 19:07

Instrument :
BNA_G
ClientSampleId :
D9N29DL

Tgt Ion:154 Resp: 8577

Ion	Ratio	Lower	Upper
154	100		
153	39.1	35.5	53.3
76	13.0	10.4	15.6

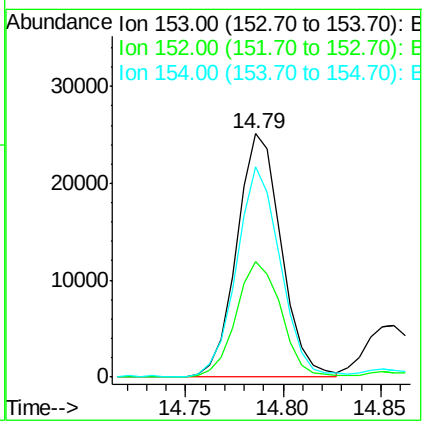


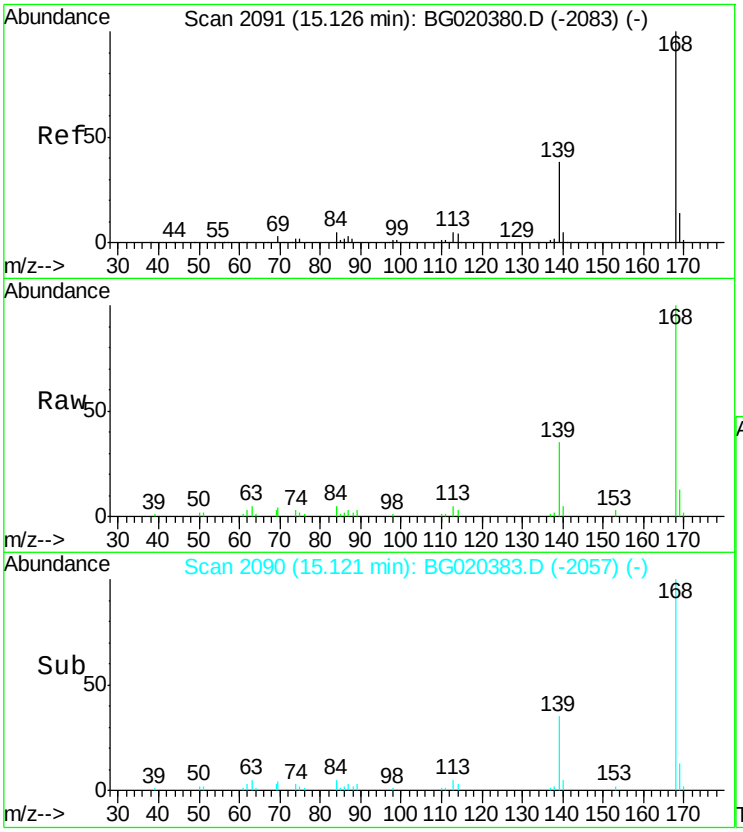


#50
Acenaphthene
Concen: 11.88 ng/ul
RT: 14.79 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG020383.D
Acq: 21 Dec 2015 19:07

Tgt Ion:153 Resp: 39717

Ion	Ratio	Lower	Upper
153	100		
152	47.6	37.6	56.4
154	86.2	67.9	101.9



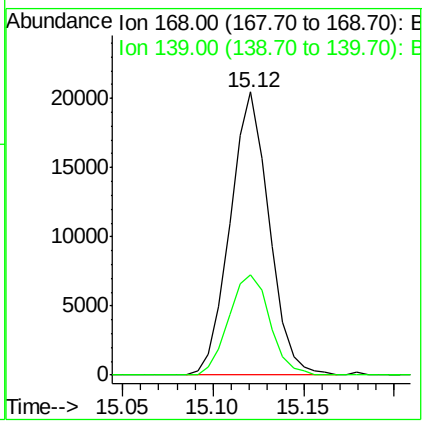


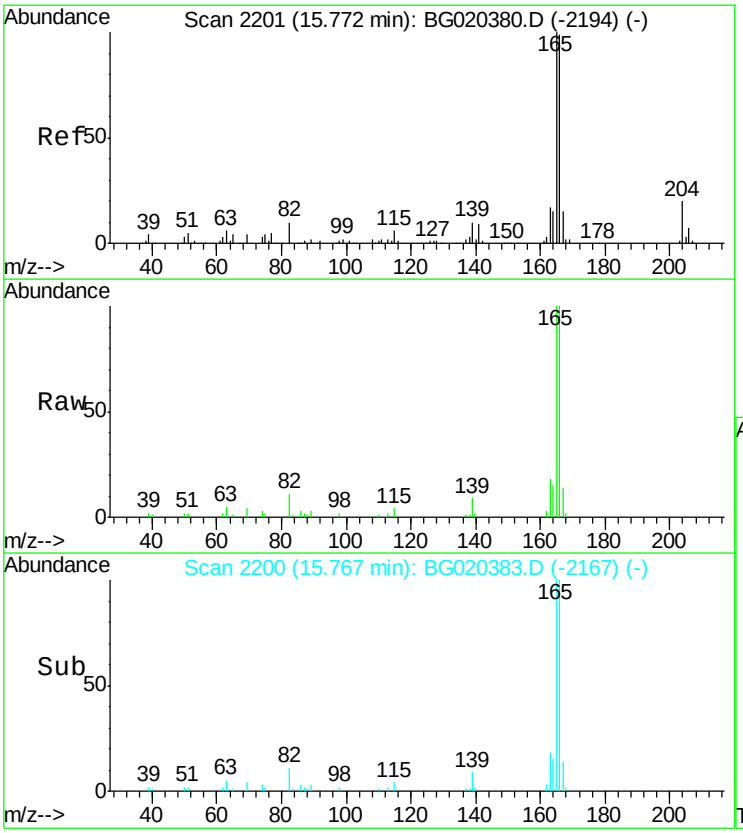
#54
Dibenzofuran
Concen: 6.16 ng/ul
RT: 15.12 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BG020383.D
Acq: 21 Dec 2015 19:07

Instrument :
BNA_G
ClientSampleId :
D9N29DL

Tgt Ion:168 Resp: 30612

Ion	Ratio	Lower	Upper
168	100		
139	35.4	30.5	45.7

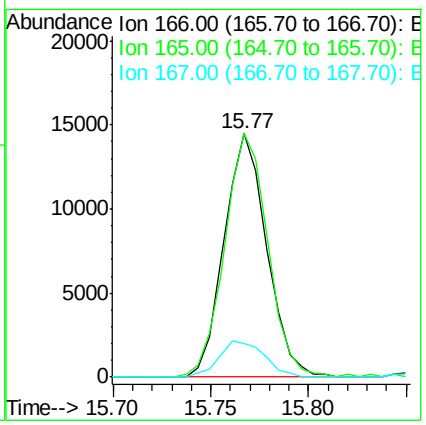


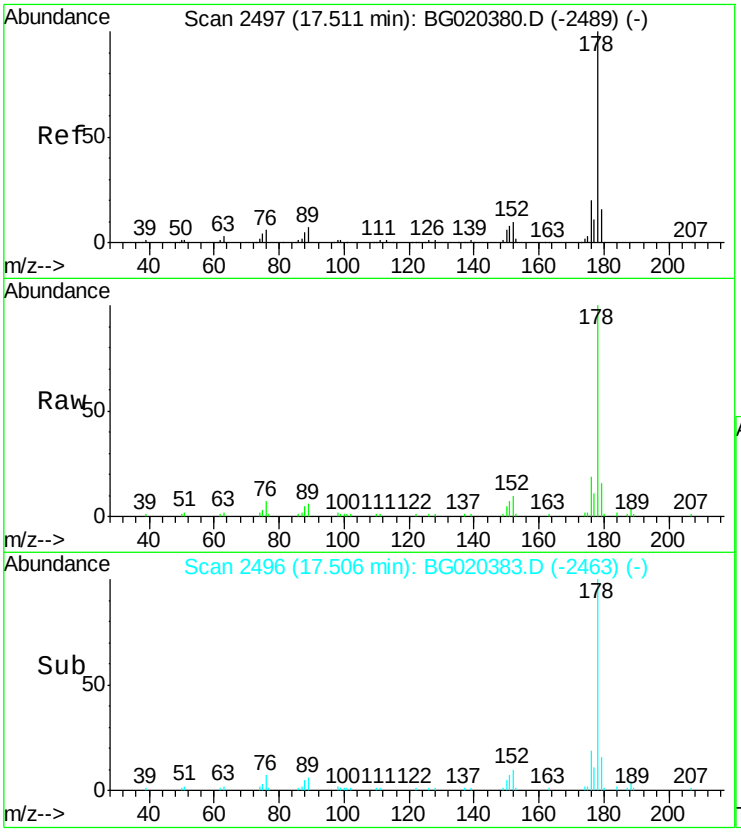


#59
Fluorene
Concen: 5.47 ng/ul
RT: 15.77 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BG020383.D
Acq: 21 Dec 2015 19:07

Tgt Ion:166 Resp: 21841

Ion	Ratio	Lower	Upper
166	100		
165	99.8	81.4	122.0
167	14.0	11.2	16.8



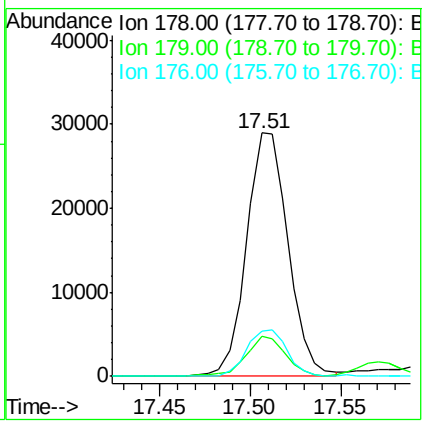


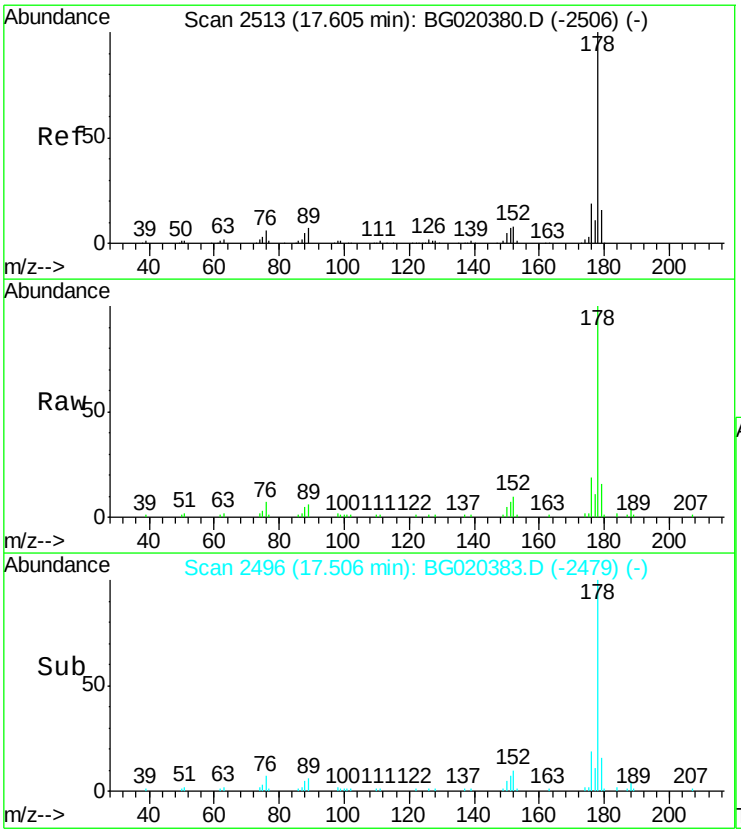
#70
Phenanthrene
Concen: 7.04 ng/ul
RT: 17.51 min Scan# 2496
Delta R.T. -0.00 min
Lab File: BG020383.D
Acq: 21 Dec 2015 19:07

Instrument :
BNA_G
ClientSampleId :
D9N29DL

Tgt Ion:178 Resp: 46133

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.9	19.3
176	18.8	15.3	22.9

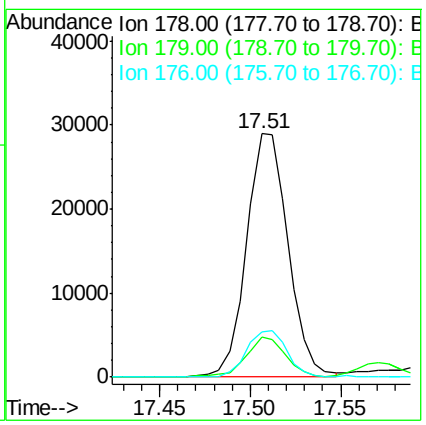


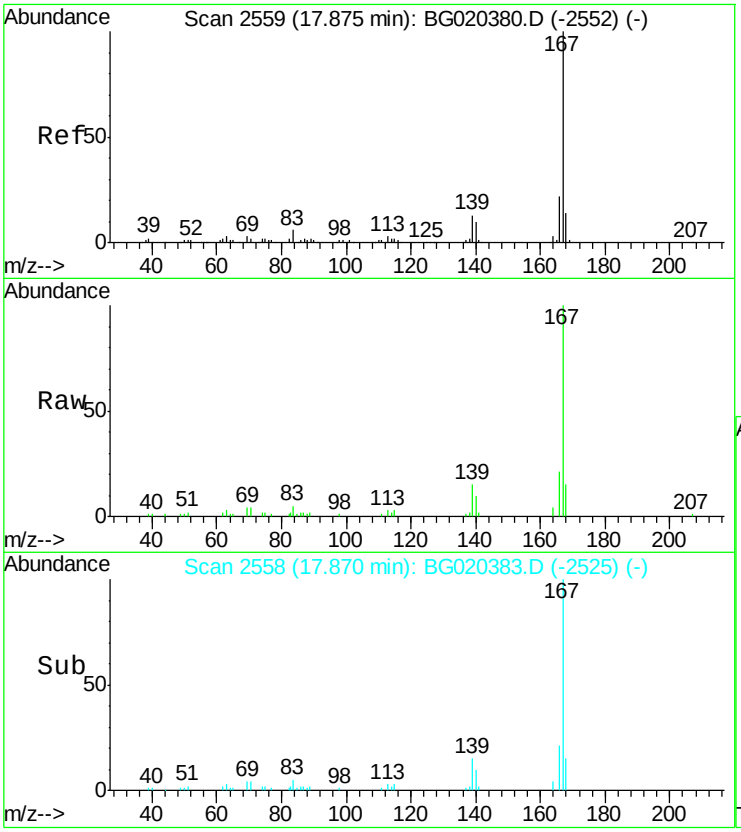


#72
Anthracene
Concen: 6.94 ng/ul
RT: 17.51 min Scan# 2496
Delta R.T. -0.10 min
Lab File: BG020383.D
Acq: 21 Dec 2015 19:07

Tgt Ion:178 Resp: 46133

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.3	18.5
176	18.8	14.3	21.5



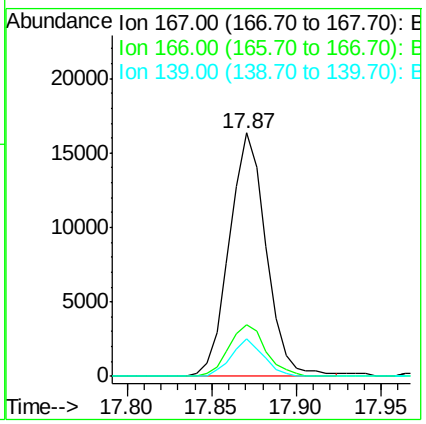


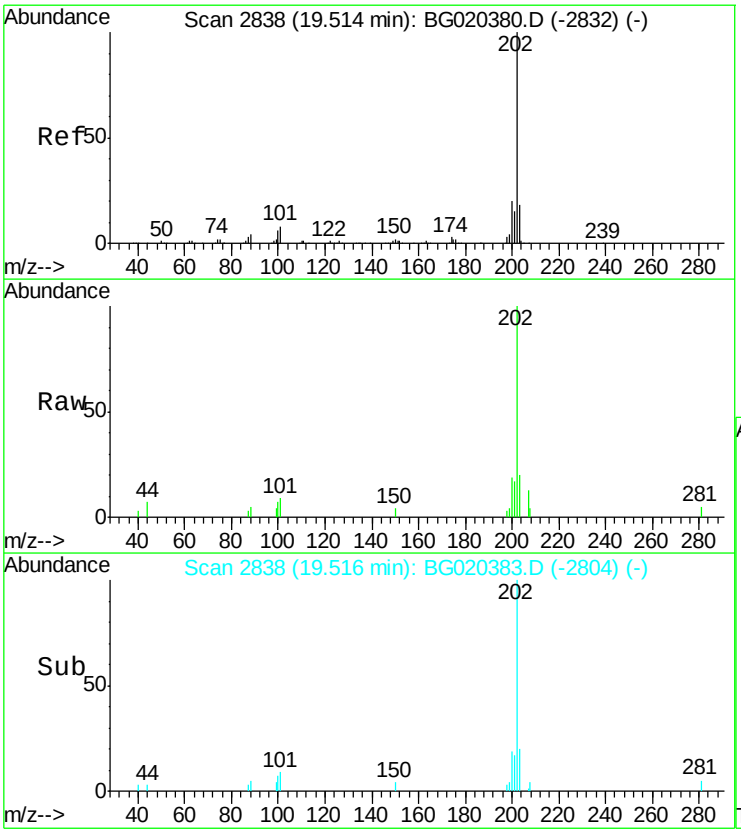
#75
Carbazole
Concen: 4.45 ng/ul
RT: 17.87 min Scan# 2558
Delta R.T. -0.00 min
Lab File: BG020383.D
Acq: 21 Dec 2015 19:07

Instrument :
BNA_G
ClientSampleId :
D9N29DL

Tgt Ion:167 Resp: 24839

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.6
139	15.3	10.1	15.1#





#77
Fluoranthene
Concen: 1.02 ng/ul
RT: 19.52 min Scan# 2838
Delta R.T. 0.00 min
Lab File: BG020383.D
Acq: 21 Dec 2015 19:07

Tgt Ion:202 Resp: 7778

Ion	Ratio	Lower	Upper
202	100		
101	8.7	6.2	9.4
100	7.4	5.1	7.7