Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
Data File : BG020442.D
Acq On : 23 Dec 2015 14:10
Operator : UM/SJ
Sample : G4768-19DL 50X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N43DL

Quant Time: Dec 23 16:16:01 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 22 05:02:37 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	14774	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.90	136	66971	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.72	164	54024	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	151266	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	188777	20.00	ng/ul	-0.01
86) Perylene-d12	25.00	264	180020	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.40	99	434	0.33	ng/ul	0.15
7) Bis-(2-Chloroethyl)ether-d	7.41	67	320	0.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	394	0.42	ng/ul	-0.01
13) 4-Methylphenol-d8	8.80	113	190	0.17	ng/ul	-0.01
19) Nitrobenzene-d5	9.26	128	191	0.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	200	0.34	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.52	165	596	0.51	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.11	166	3795	0.87	ng/ul	-0.01
47) Acenaphthylene-d8	14.41	160	3998	0.79	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.71	176	3662	0.92	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.56	188	6229	0.89	ng/ul	-0.01
79) Pyrene-d10	19.84	212	6632	0.75	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	6518	0.73	ng/ul	-0.02
Target Compounds						Qvalue
28) Naphthalene	10.95	128	160424	45.87	ng/ul	99
34) 2-Methylnaphthalene	12.55	142	22204	8.31	ng/ul	98
41) 1,1'-Biphenyl	13.55	154	6656	1.63	ng/ul	95
50) Acenaphthene	14.78	153	34616	9.53	ng/ul	96
54) Dibenzofuran	15.11	168	28814	5.33	ng/ul	96
59) Fluorene	15.76	166	23065	5.31	ng/ul	99
70) Phenanthrene	17.50	178	52245	6.31	ng/ul	99
75) Carbazole	17.86	167	36864	5.23	ng/ul	97

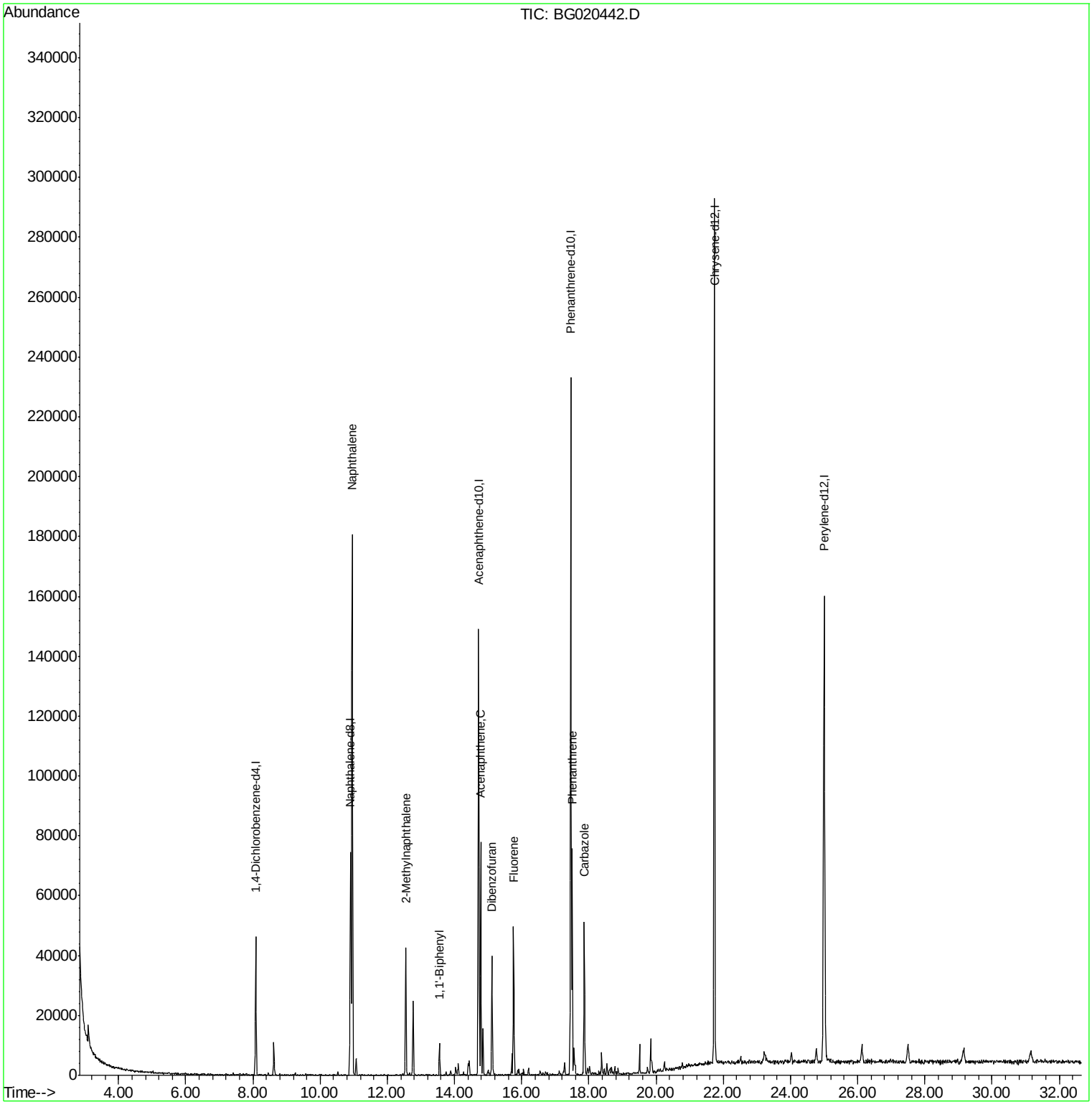
(#) = qualifier out of range (m) = manual integration (+) = signals summed

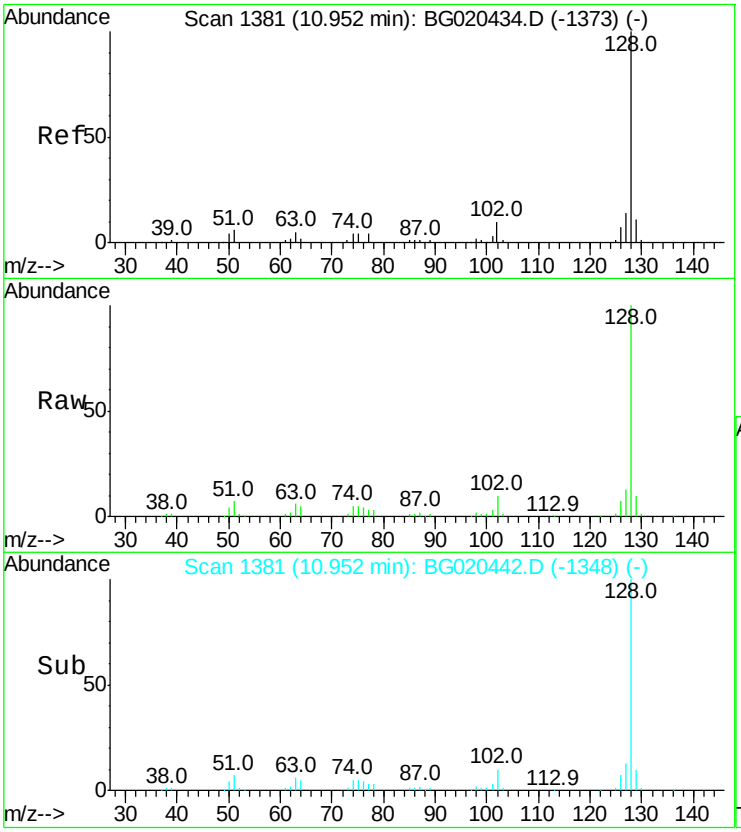
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
Data File : BG020442.D
Acq On : 23 Dec 2015 14:10
Operator : UM/SJ
Sample : G4768-19DL 50X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N43DL

Quant Time: Dec 23 16:16:01 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 22 05:02:37 2015
Response via : Initial Calibration



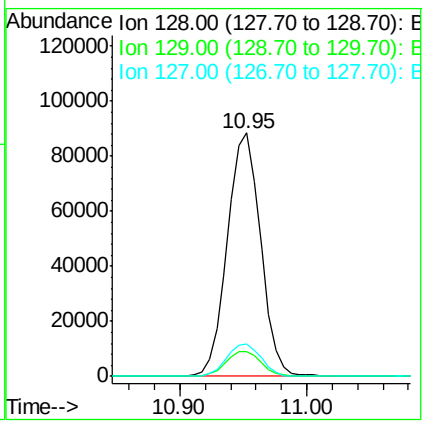


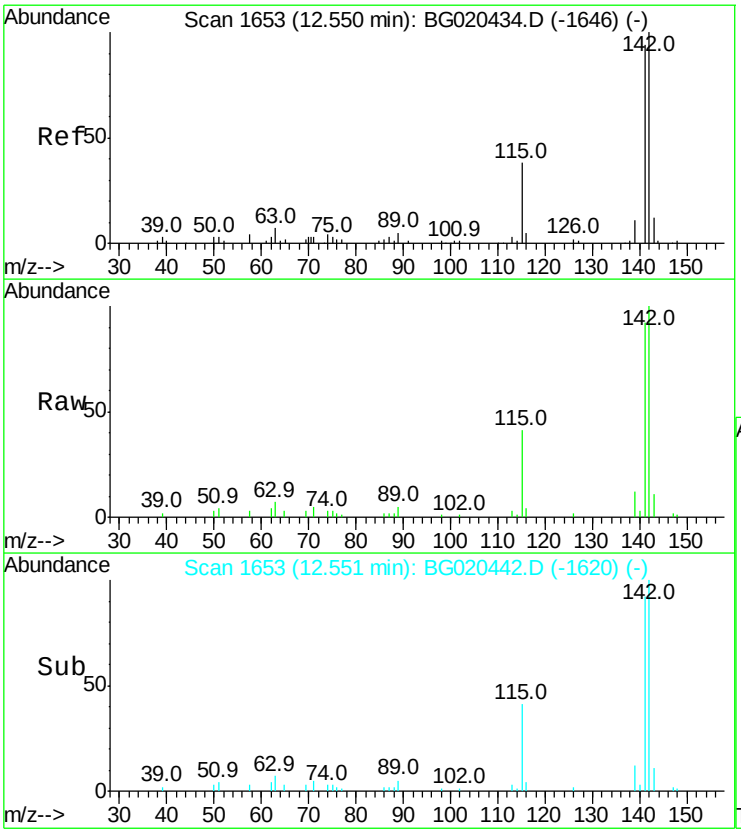
#28
Naphthalene
Concen: 45.87 ng/ul
RT: 10.95 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BG020442.D
Acq: 23 Dec 2015 14:10

Instrument :
BNA_G
ClientSampleId :
D9N43DL

Tgt Ion:128 Resp: 160424

Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.6	12.8
127	13.4	10.1	15.1

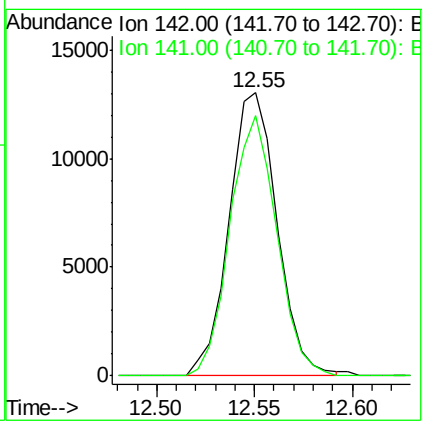


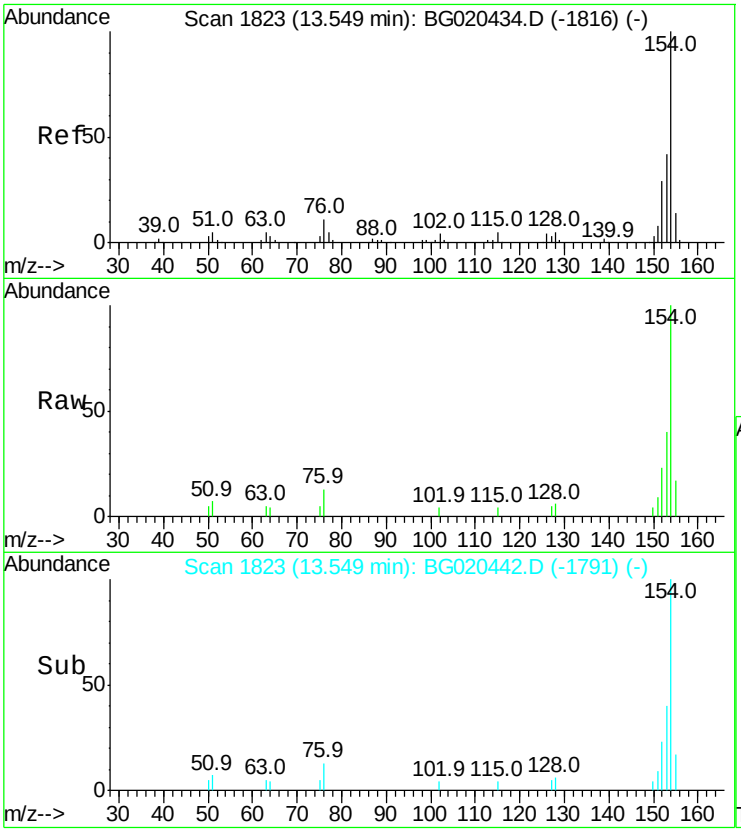


#34
2-Methylnaphthalene
Concen: 8.31 ng/ul
RT: 12.55 min Scan# 1653
Delta R.T. -0.01 min
Lab File: BG020442.D
Acq: 23 Dec 2015 14:10

Tgt Ion:142 Resp: 22204

Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.9	112.3



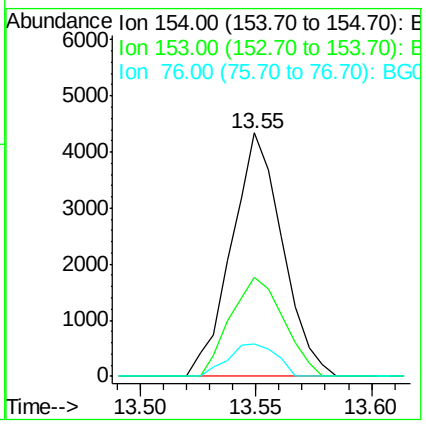


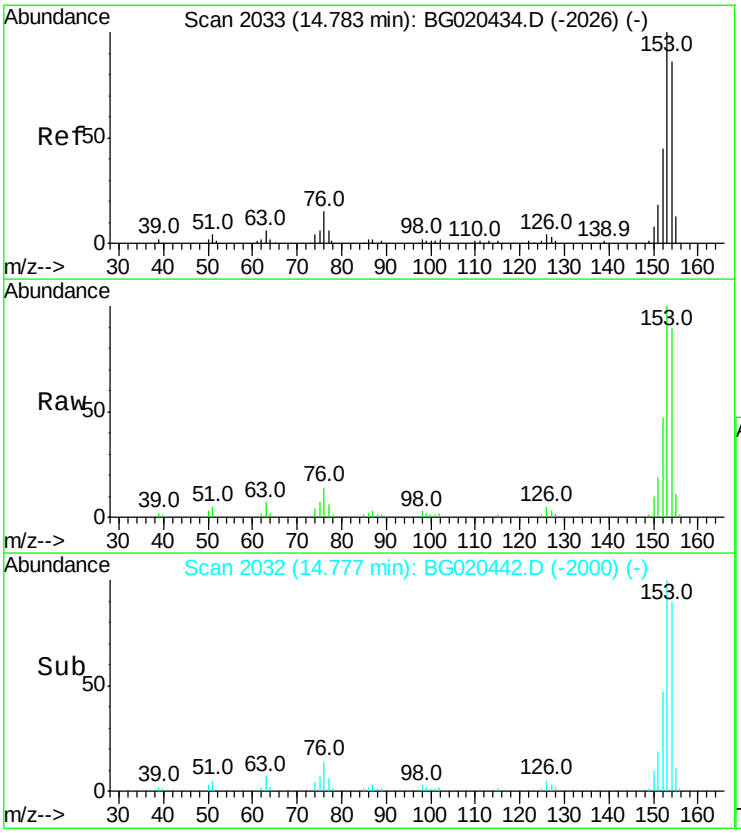
#41
1,1'-Biphenyl
Concen: 1.63 ng/ul
RT: 13.55 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BG020442.D
Acq: 23 Dec 2015 14:10

Instrument :
BNA_G
ClientSampleId :
D9N43DL

Tgt Ion:154 Resp: 6656

Ion	Ratio	Lower	Upper
154	100		
153	40.5	35.5	53.3
76	13.1	10.4	15.6

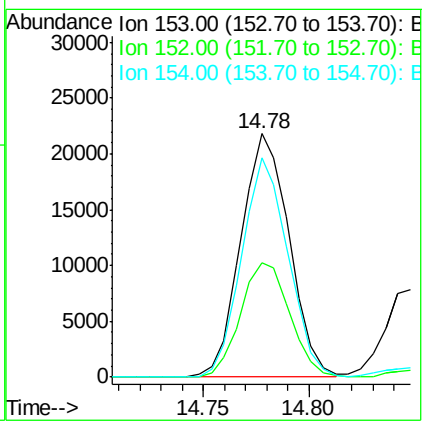


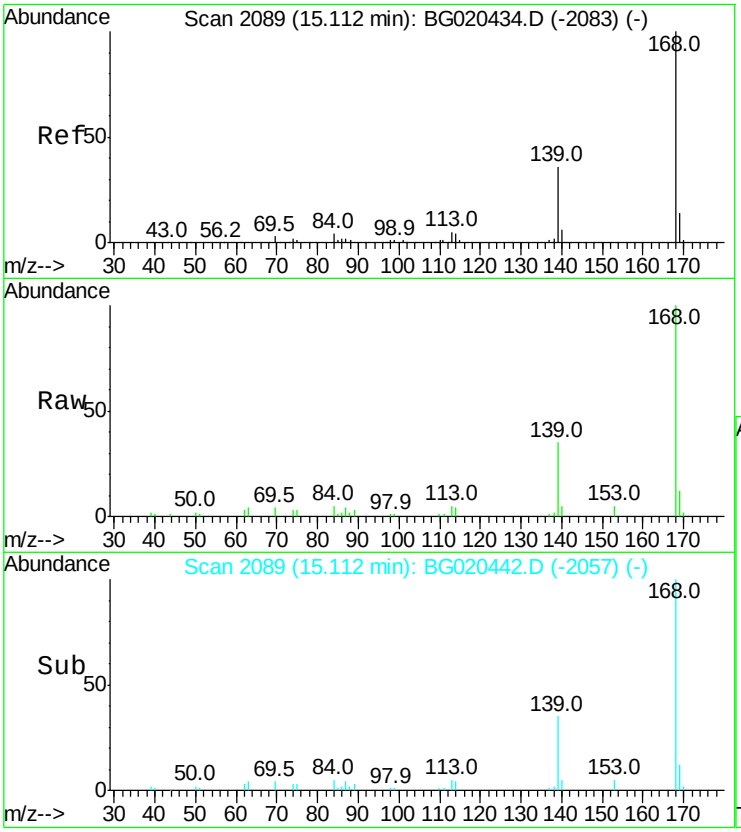


#50
Acenaphthene
Concen: 9.53 ng/ul
RT: 14.78 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG020442.D
Acq: 23 Dec 2015 14:10

Tgt Ion:153 Resp: 34616

Ion	Ratio	Lower	Upper
153	100		
152	47.0	37.6	56.4
154	90.0	67.9	101.9



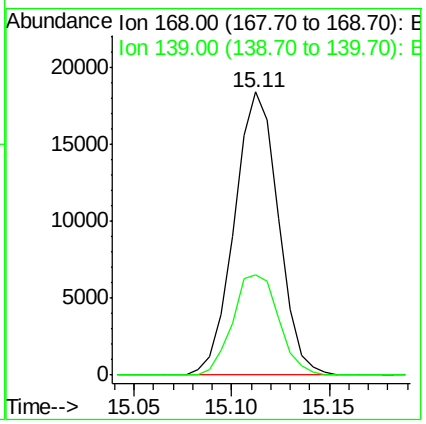


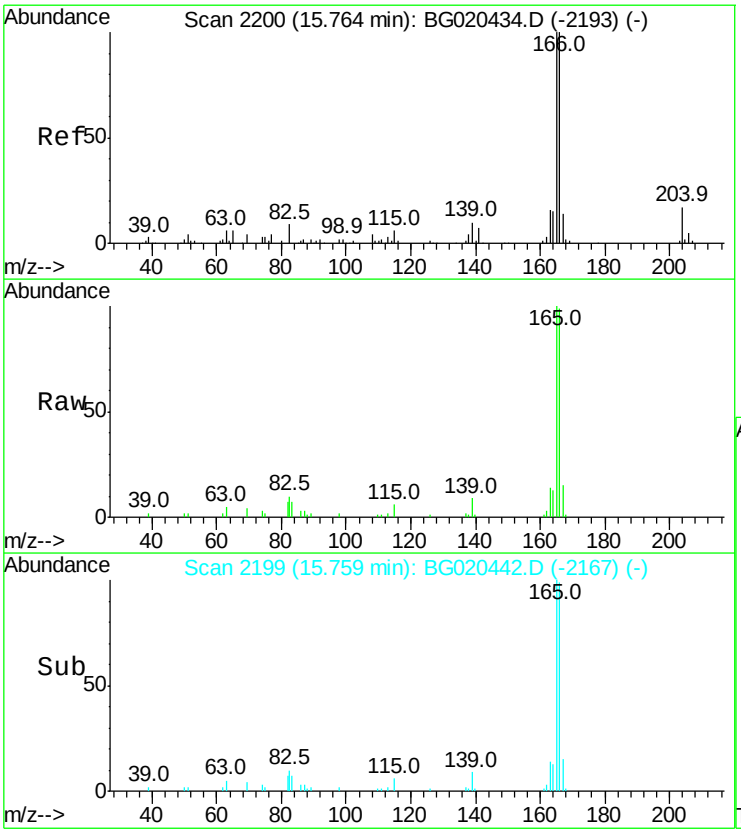
#54
Dibenzofuran
Concen: 5.33 ng/ul
RT: 15.11 min Scan# 2089
Delta R.T. -0.01 min
Lab File: BG020442.D
Acq: 23 Dec 2015 14:10

Instrument :
BNA_G
ClientSampleId :
D9N43DL

Tgt Ion:168 Resp: 28814

Ion	Ratio	Lower	Upper
168	100		
139	35.5	30.5	45.7

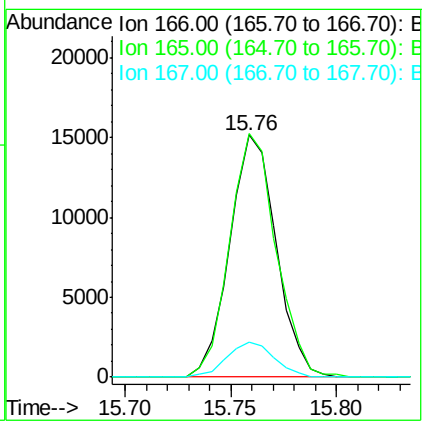


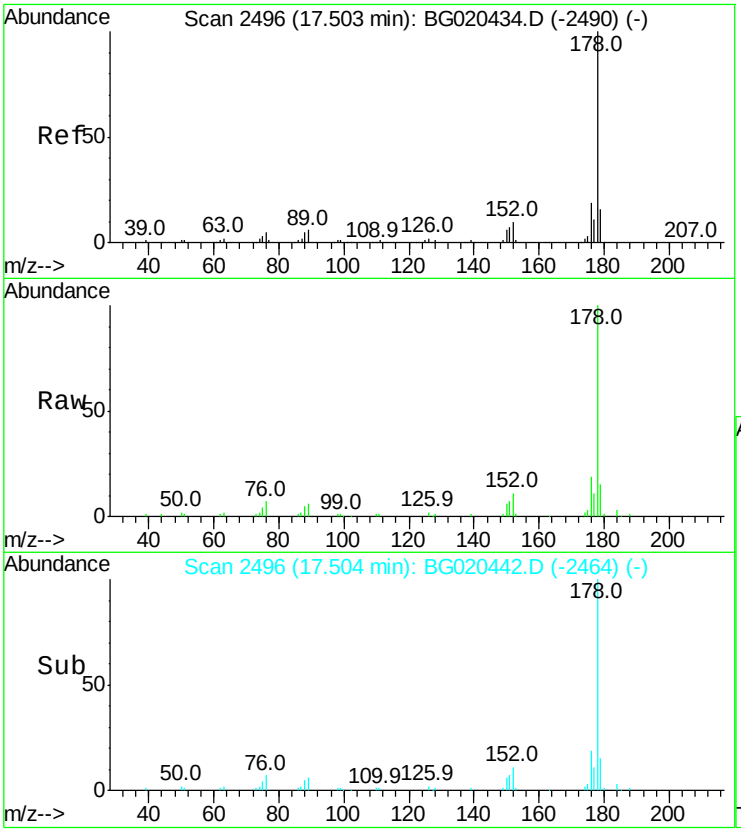


#59
Fluorene
Concen: 5.31 ng/ul
RT: 15.76 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG020442.D
Acq: 23 Dec 2015 14:10

Tgt Ion:166 Resp: 23065

Ion	Ratio	Lower	Upper
166	100		
165	100.6	81.4	122.0
167	14.6	11.2	16.8



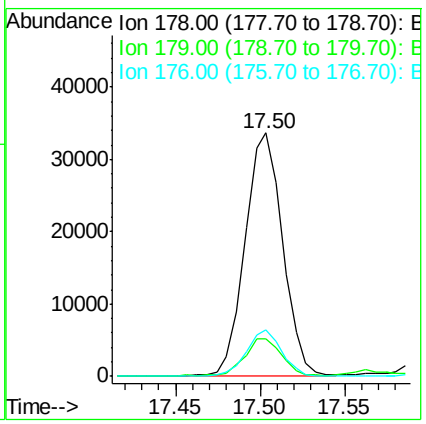


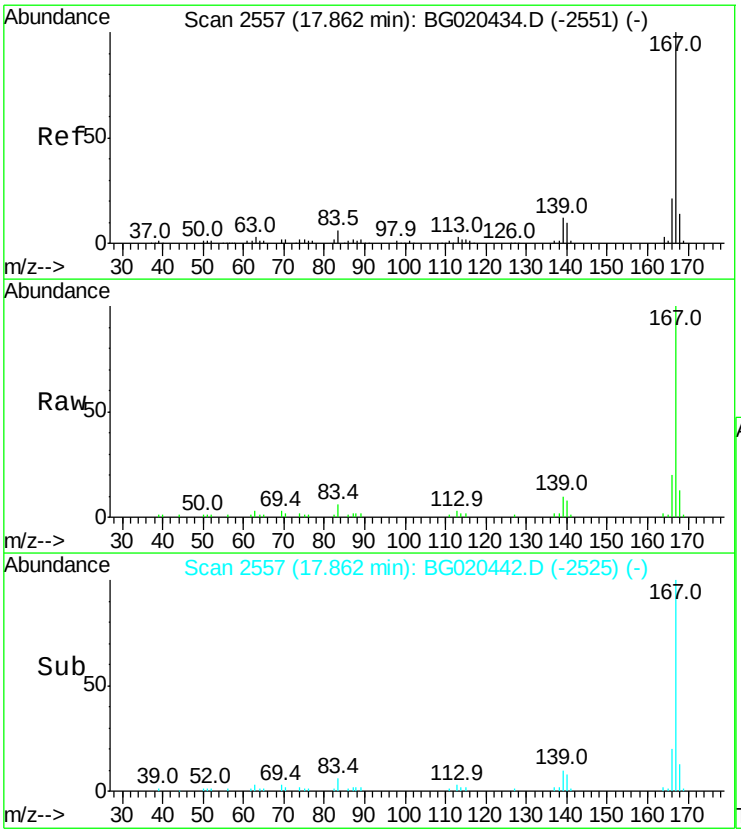
#70
Phenanthrene
Concen: 6.31 ng/ul
RT: 17.50 min Scan# 2496
Delta R.T. -0.01 min
Lab File: BG020442.D
Acq: 23 Dec 2015 14:10

Instrument :
BNA_G
ClientSampleId :
D9N43DL

Tgt Ion:178 Resp: 52245

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





#75
Carbazole
Concen: 5.23 ng/ul
RT: 17.86 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BG020442.D
Acq: 23 Dec 2015 14:10

Tgt Ion:167 Resp: 36864

Ion	Ratio	Lower	Upper
167	100		
166	20.4	17.0	25.6
139	10.3	10.1	15.1