Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\
Data File : BG020384.D
Acq On : 21 Dec 2015 19:46
Operator : UM/SJ
Sample : G4768-07DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N31DL

Quant Time: Dec 22 03:08:52 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	17481	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	77785	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	49840	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	119858	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	144081	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	108389	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	124	0.39	ng/uL	0.00
5) Phenol-d5	7.26	99	5502	3.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	14458	15.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	15183	13.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	11007	8.35	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	10266	16.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	11822	17.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	21057	15.41	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	1809m	1.18	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	67694	16.79	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	83583	17.82	ng/ul	0.00
52) 4-Nitrophenol-d4	14.93	143	1496	2.07	ng/ul	0.00
58) Fluorene-d10	15.71	176	63700	17.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	4882	6.87	ng/ul	0.00
71) Anthracene-d10	17.57	188	100484	18.19	ng/ul	0.00
79) Pyrene-d10	19.85	212	116055	17.28	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	106004	19.61	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.96	128	176244	43.39	ng/ul	98
34) 2-Methylnaphthalene	12.56	142	13136	4.23	ng/ul	98
41) 1,1'-Biphenyl	13.56	154	5597	1.49	ng/ul	98
50) Acenaphthene	14.79	153	17727	5.29	ng/ul	96
54) Dibenzofuran	15.12	168	10859	2.18	ng/ul	99
59) Fluorene	15.77	166	9662	2.41	ng/ul	96
70) Phenanthrene	17.51	178	29262	4.46	ng/ul	98
75) Carbazole	17.87	167	26094	4.67	ng/ul	98

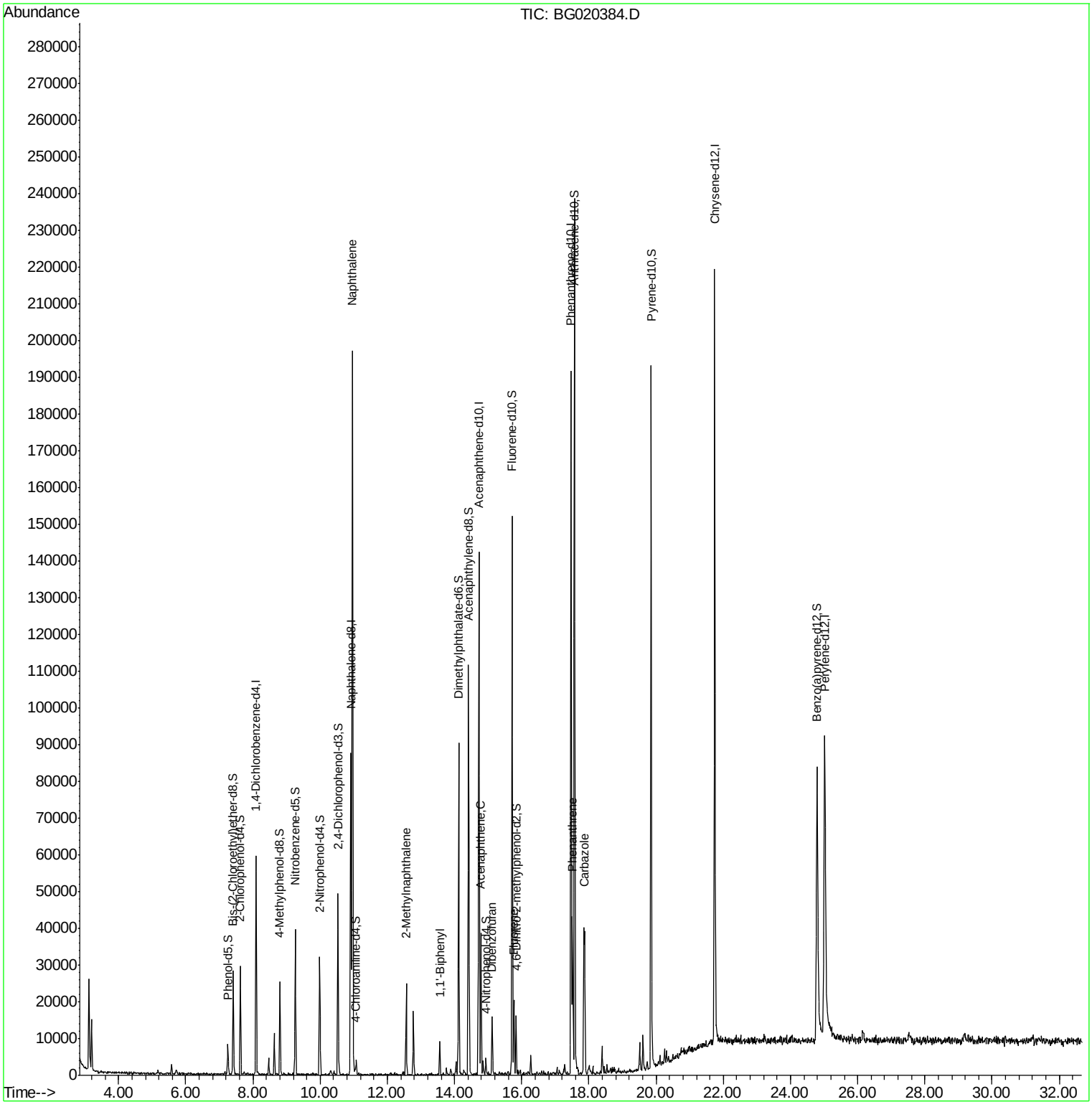
(#) = qualifier out of range (m) = manual integration (+) = signals summed

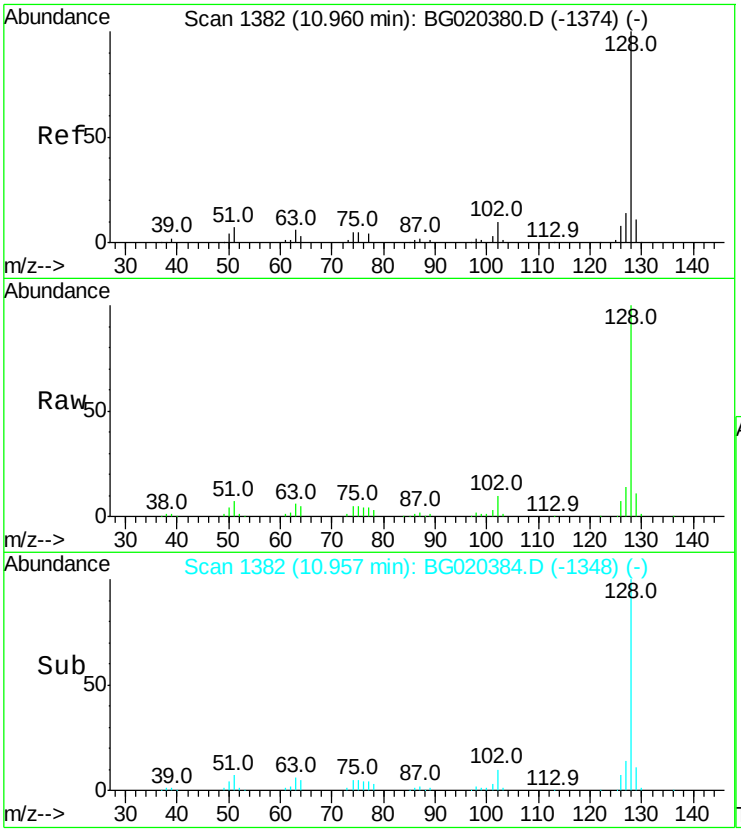
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\
Data File : BG020384.D
Acq On : 21 Dec 2015 19:46
Operator : UM/SJ
Sample : G4768-07DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N31DL

Quant Time: Dec 22 03:08:52 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



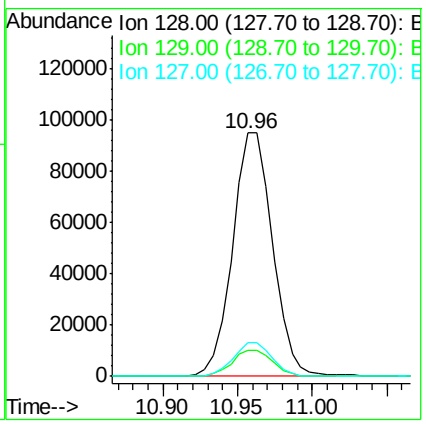


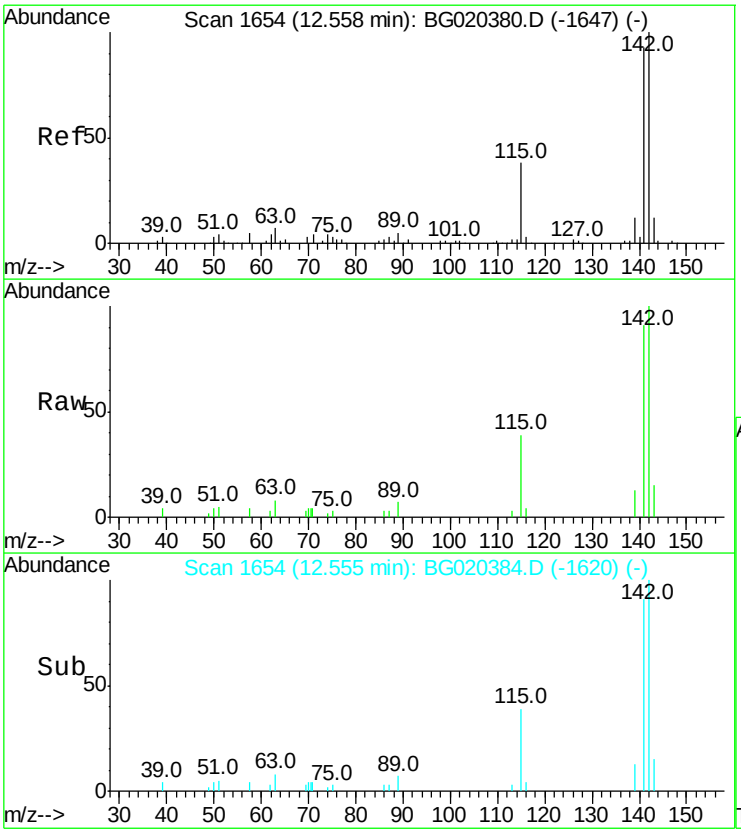
#28
Naphthalene
Concen: 43.39 ng/ul
RT: 10.96 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BG020384.D
Acq: 21 Dec 2015 19:46

Instrument :
BNA_G
ClientSampleId :
D9N31DL

Tgt Ion:128 Resp: 176244

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	12.8
127	13.7	10.1	15.1

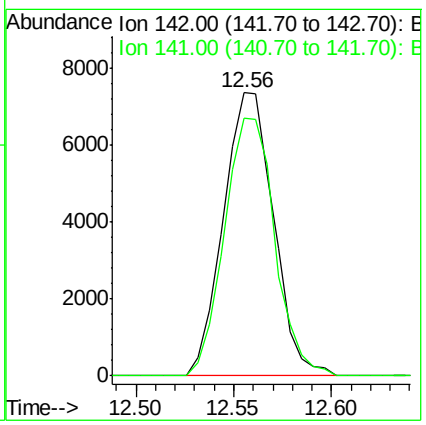


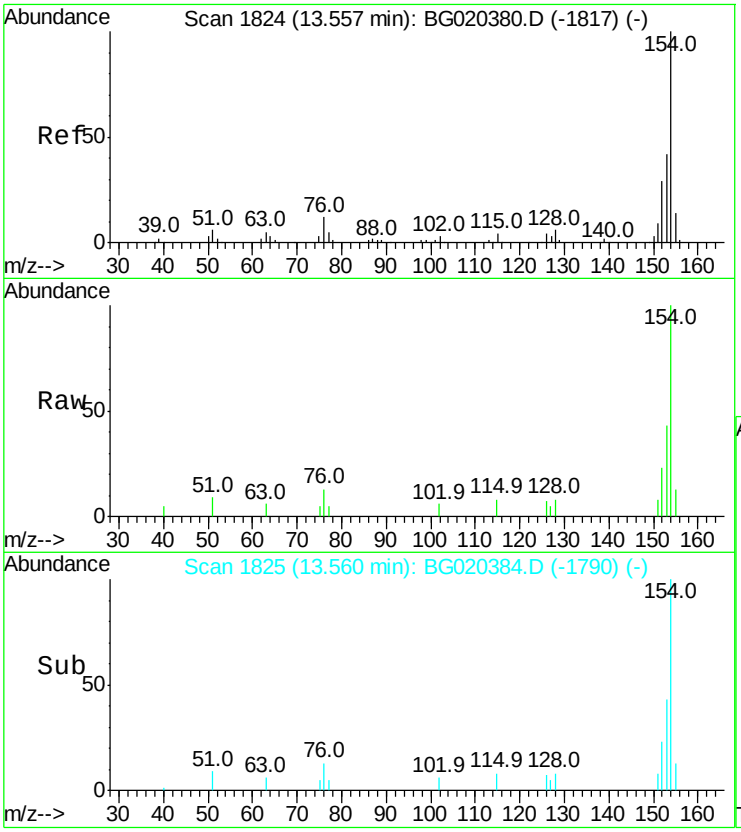


#34
2-Methylnaphthalene
Concen: 4.23 ng/ul
RT: 12.56 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BG020384.D
Acq: 21 Dec 2015 19:46

Tgt Ion:142 Resp: 13136

Ion	Ratio	Lower	Upper
142	100		
141	91.2	74.9	112.3



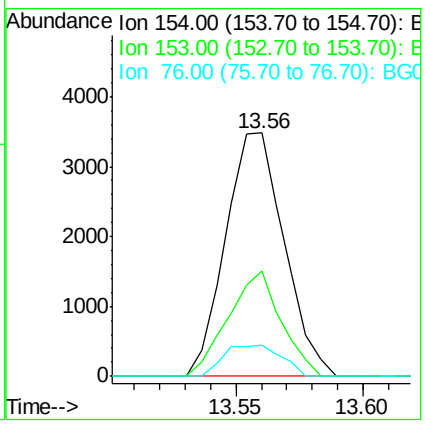


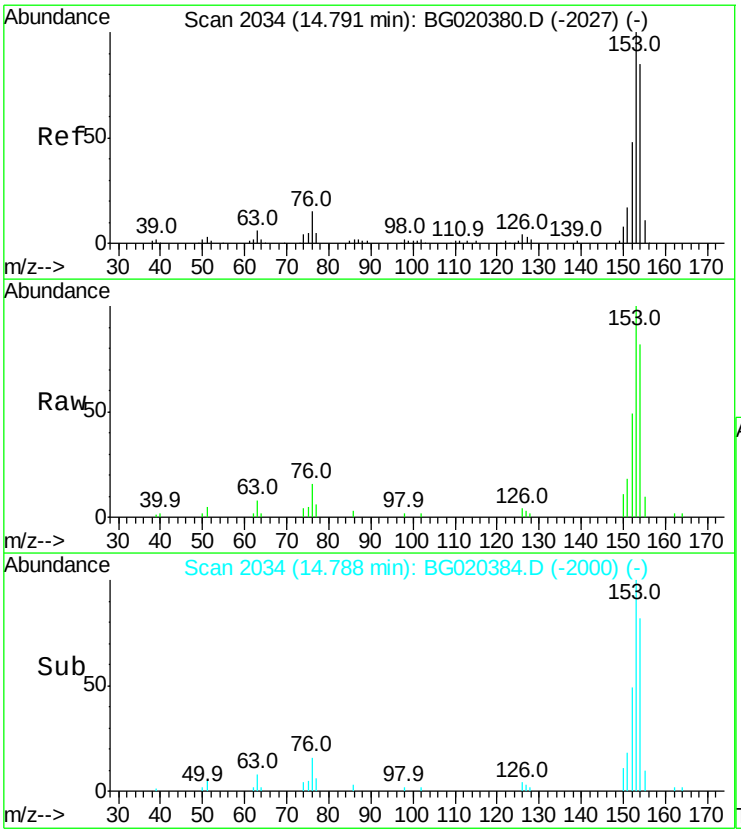
#41
1,1'-Biphenyl
Concen: 1.49 ng/ul
RT: 13.56 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BG020384.D
Acq: 21 Dec 2015 19:46

Instrument :
BNA_G
ClientSampleId :
D9N31DL

Tgt Ion:154 Resp: 5597

Ion	Ratio	Lower	Upper
154	100		
153	43.2	35.5	53.3
76	12.7	10.4	15.6

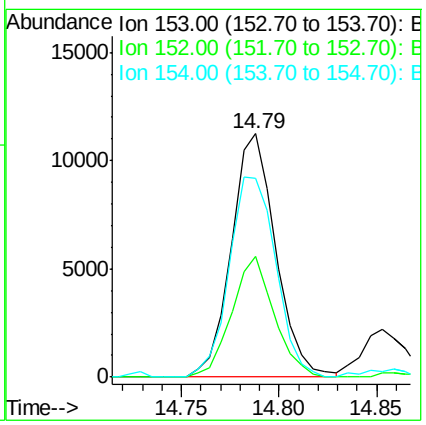


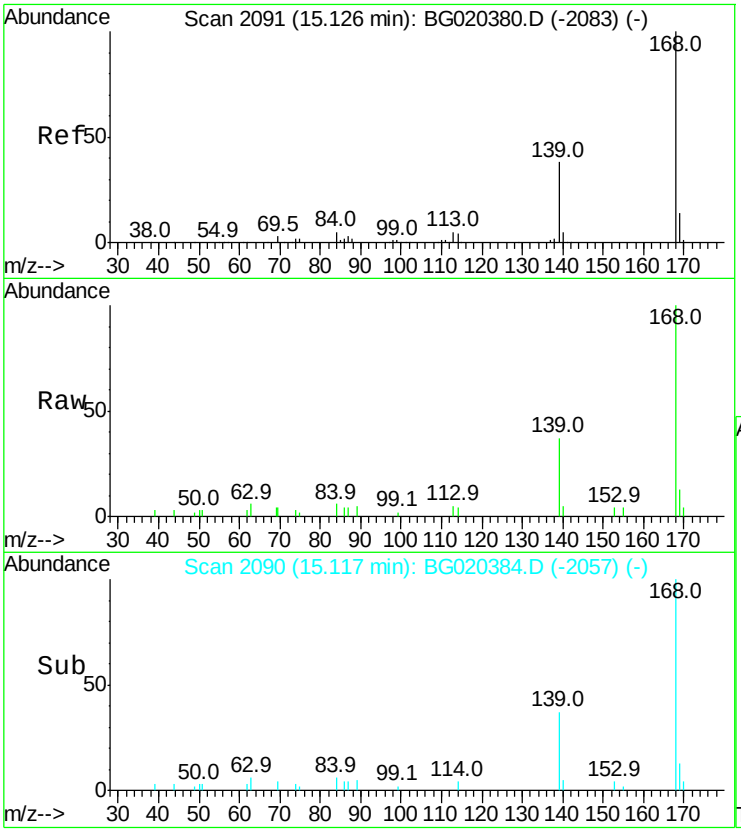


#50
Acenaphthene
Concen: 5.29 ng/ul
RT: 14.79 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BG020384.D
Acq: 21 Dec 2015 19:46

Tgt Ion:153 Resp: 17727

Ion	Ratio	Lower	Upper
153	100		
152	49.5	37.6	56.4
154	81.7	67.9	101.9



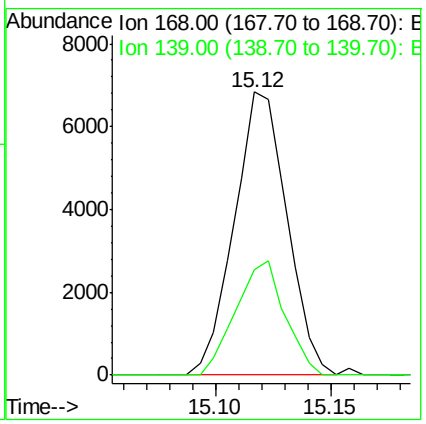


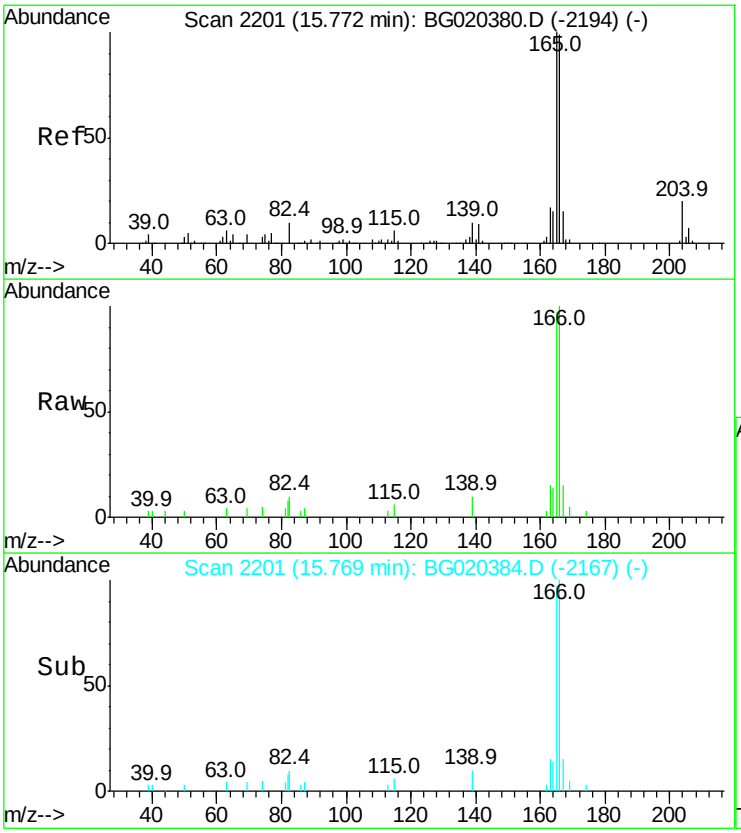
#54
Dibenzofuran
Concen: 2.18 ng/ul
RT: 15.12 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BG020384.D
Acq: 21 Dec 2015 19:46

Instrument :
BNA_G
ClientSampleId :
D9N31DL

Tgt Ion:168 Resp: 10859

Ion	Ratio	Lower	Upper
168	100		
139	37.3	30.5	45.7

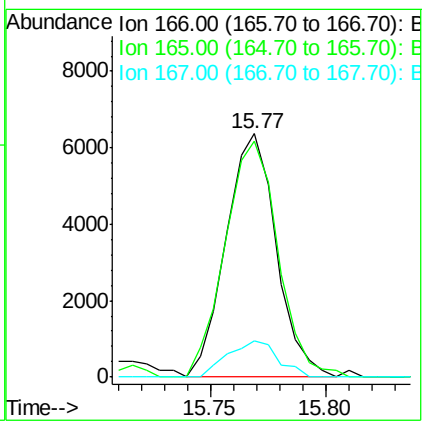


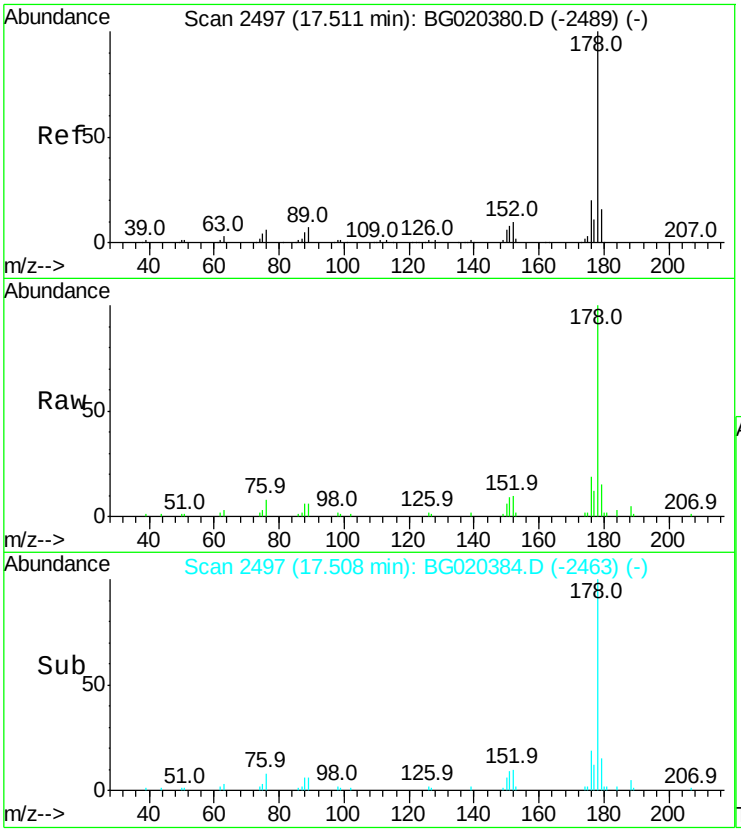


#59
Fluorene
Concen: 2.41 ng/ul
RT: 15.77 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG020384.D
Acq: 21 Dec 2015 19:46

Tgt Ion:166 Resp: 9662

Ion	Ratio	Lower	Upper
166	100		
165	97.0	81.4	122.0
167	14.6	11.2	16.8



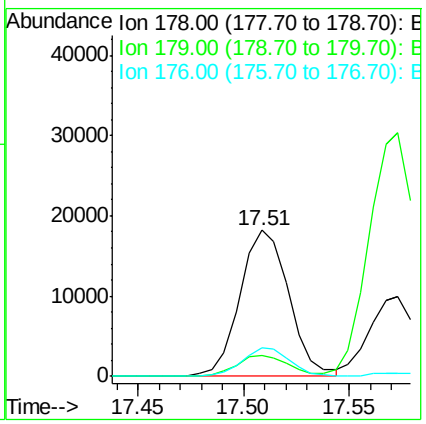


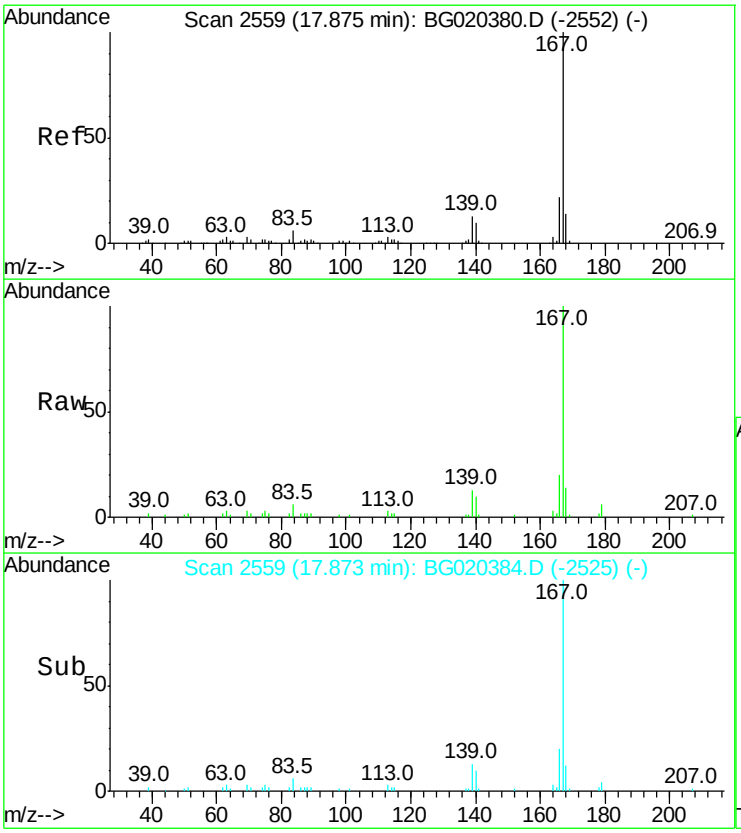
#70
Phenanthrene
Concen: 4.46 ng/ul
RT: 17.51 min Scan# 2497
Delta R.T. -0.00 min
Lab File: BG020384.D
Acq: 21 Dec 2015 19:46

Instrument :
BNA_G
ClientSampleId :
D9N31DL

Tgt Ion:178 Resp: 29262

Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.9	19.3
176	19.5	15.3	22.9





#75
Carbazole
Concen: 4.67 ng/ul
RT: 17.87 min Scan# 2559
Delta R.T. -0.00 min
Lab File: BG020384.D
Acq: 21 Dec 2015 19:46

Tgt Ion:167 Resp: 26094

Ion	Ratio	Lower	Upper
167	100		
166	20.4	17.0	25.6
139	13.0	10.1	15.1