Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\
Data File : BG020388.D
Acq On : 21 Dec 2015 22:21
Operator : UM/SJ
Sample : G4768-14DL 25X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N38DL

Quant Time: Dec 22 12:40:26 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	18709	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	82139	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	51805	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	125189	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	143453	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	112079	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	7.26	99	466m	0.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	1165	1.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	1231	1.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.81	113	856	0.61	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	676	1.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	791	1.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	1481	1.03	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.12	166	5679	1.36	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	7291	1.50	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.72	176	5475	1.44	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.56	188	10150m	1.76	ng/ul	0.00
79) Pyrene-d10	19.85	212	9610	1.44	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	6726	1.20	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.96	128	112009	26.11	ng/ul	98
34) 2-Methylnaphthalene	12.55	142	13204	4.03	ng/ul	97
50) Acenaphthene	14.79	153	12563	3.60	ng/ul	96
54) Dibenzofuran	15.12	168	10801	2.08	ng/ul	98
59) Fluorene	15.77	166	9598	2.31	ng/ul	99
70) Phenanthrene	17.51	178	30777	4.49	ng/ul	100
77) Fluoranthene	19.52	202	9149	1.14	ng/ul#	96

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

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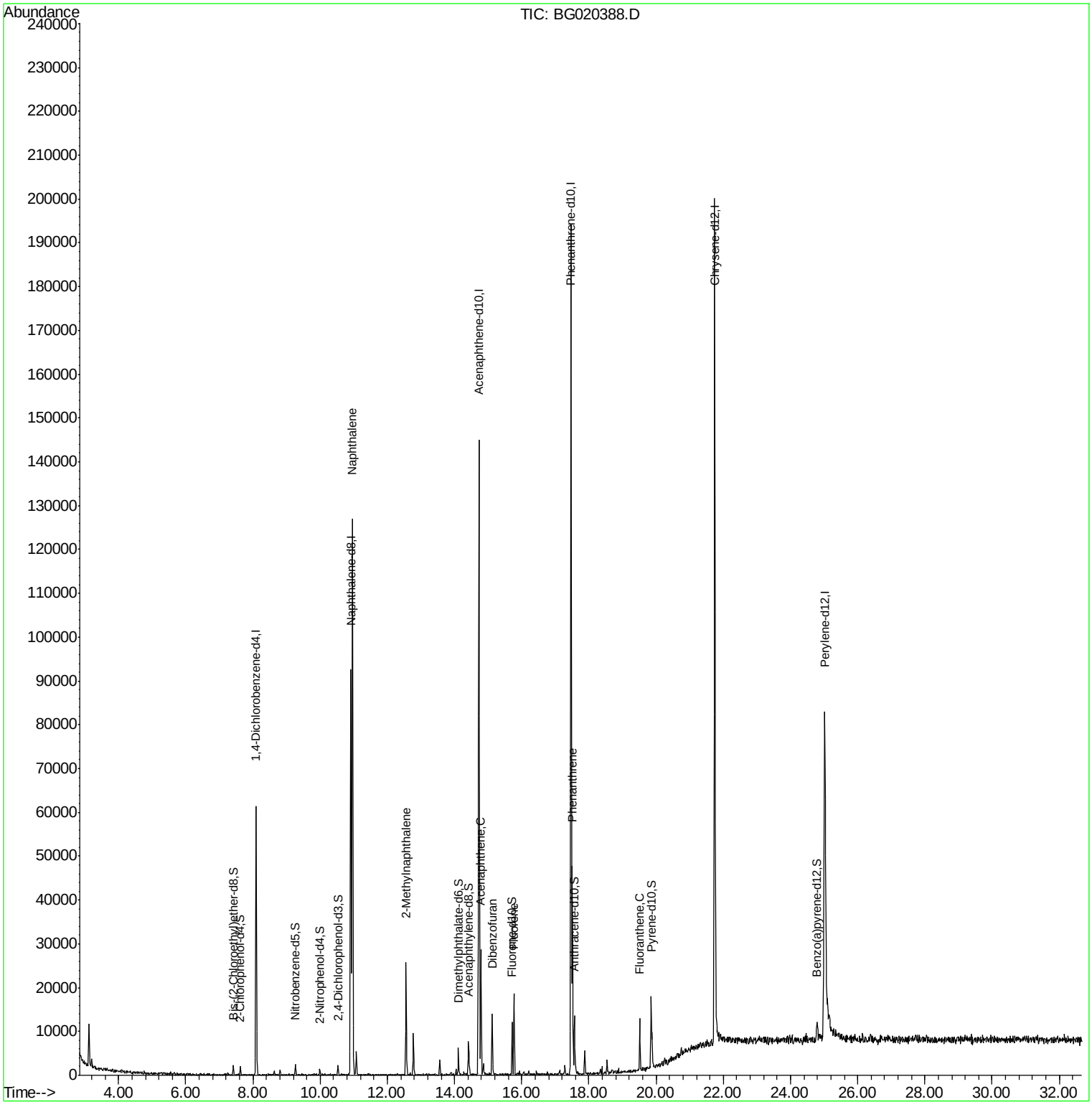
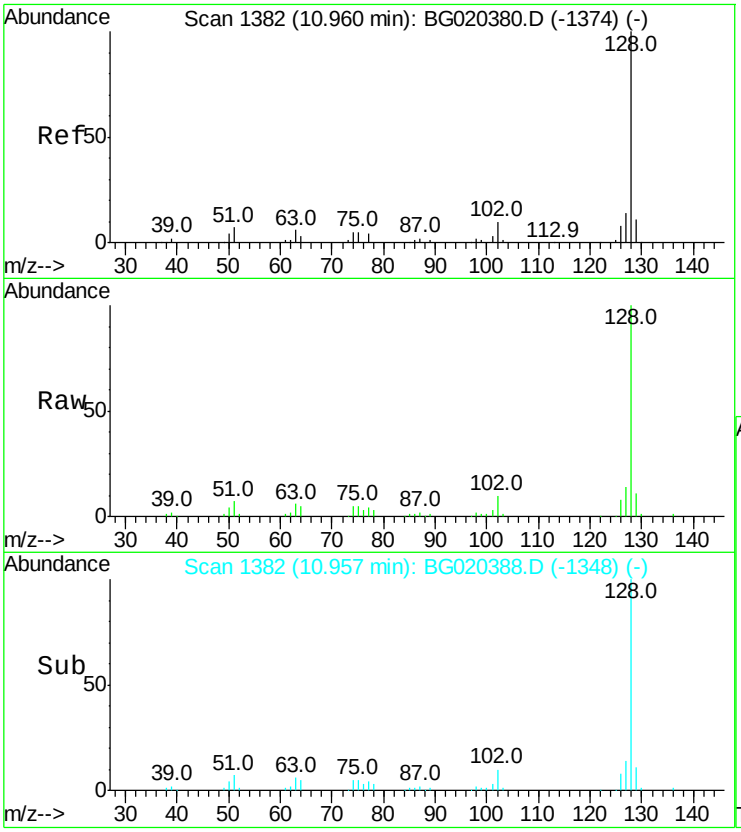


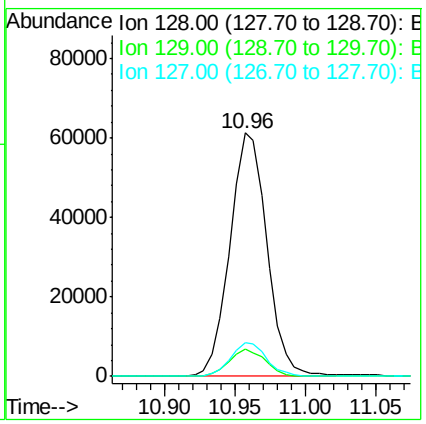


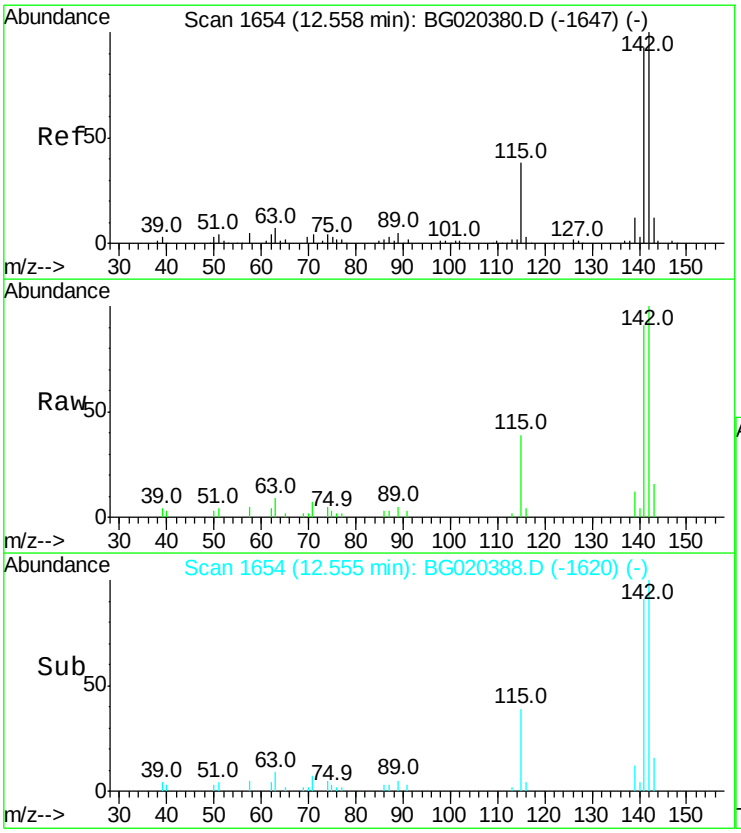
#28
Naphthalene
Concen: 26.11 ng/ul
RT: 10.96 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BG020388.D
Acq: 21 Dec 2015 22:21

Instrument :
BNA_G
ClientSampleId :
D9N38DL

Tgt Ion:128 Resp: 112009

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	12.8
127	13.6	10.1	15.1

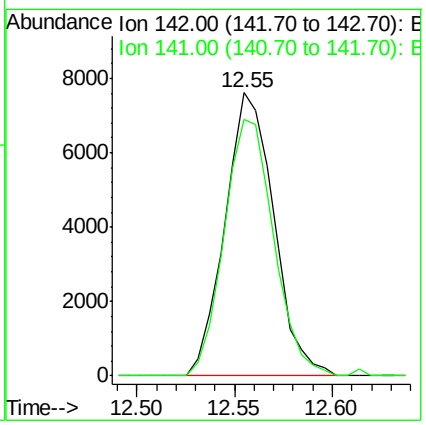


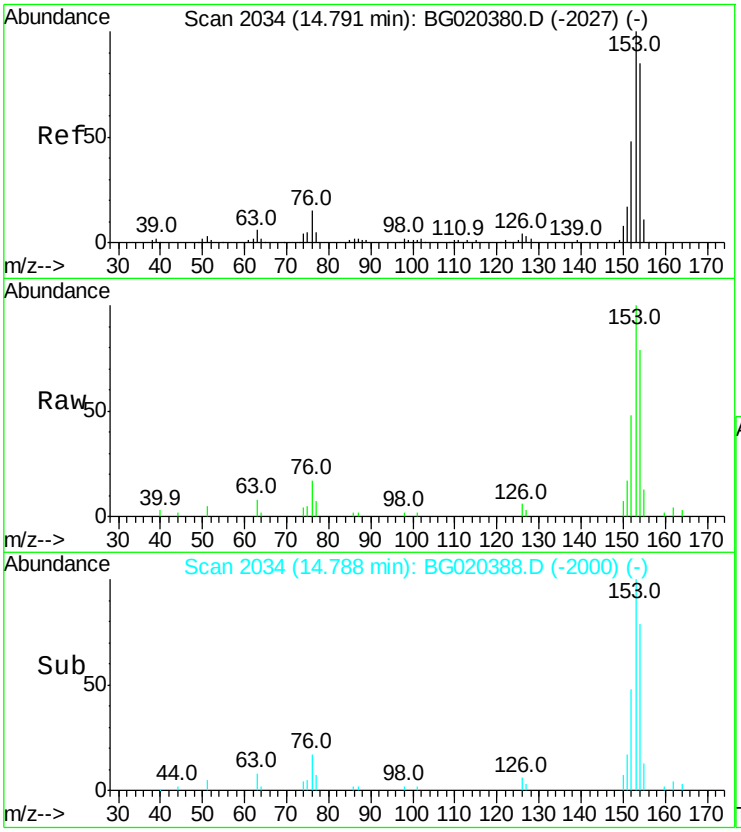


#34
2-Methylnaphthalene
Concen: 4.03 ng/ul
RT: 12.55 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BG020388.D
Acq: 21 Dec 2015 22:21

Tgt Ion:142 Resp: 13204

Ion	Ratio	Lower	Upper
142	100		
141	90.7	74.9	112.3



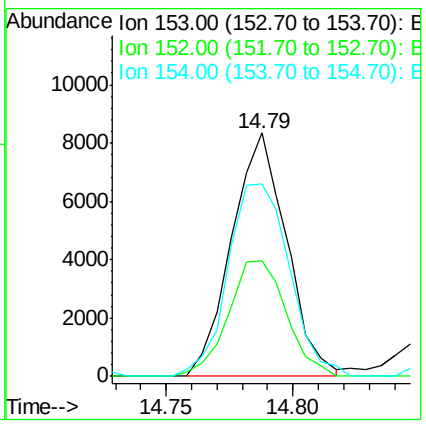


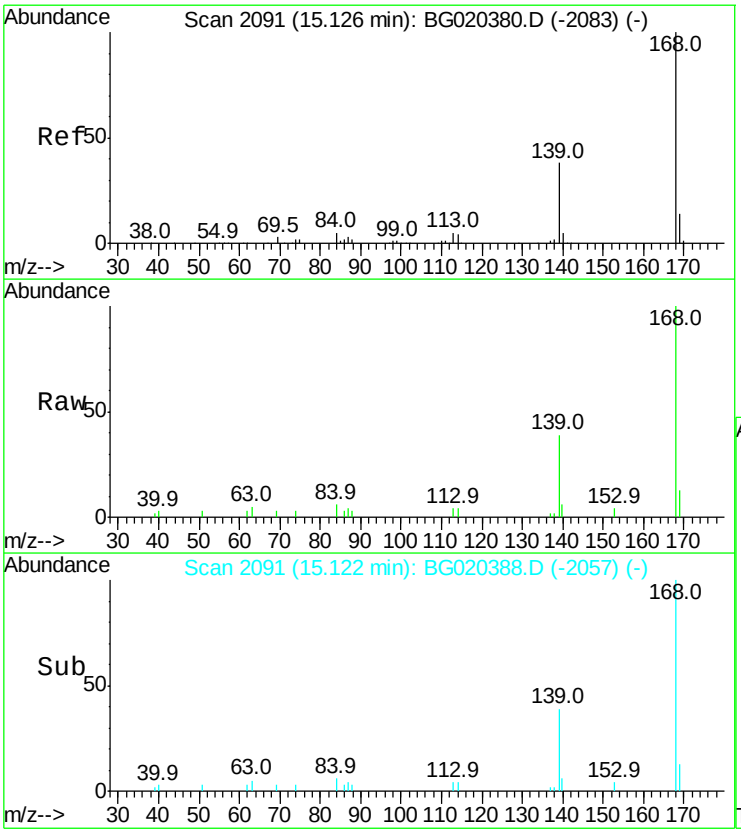
#50
Acenaphthene
Concen: 3.60 ng/ul
RT: 14.79 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BG020388.D
Acq: 21 Dec 2015 22:21

Instrument :
BNA_G
ClientSampleId :
D9N38DL

Tgt Ion:153 Resp: 12563

Ion	Ratio	Lower	Upper
153	100		
152	47.6	37.6	56.4
154	79.3	67.9	101.9

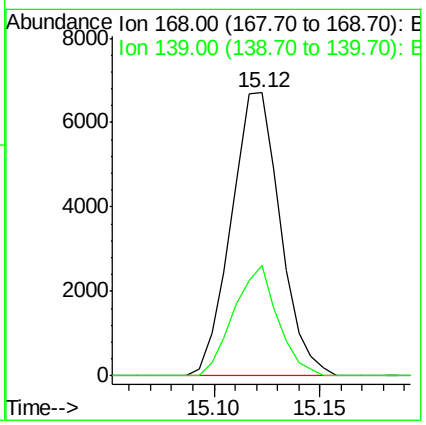


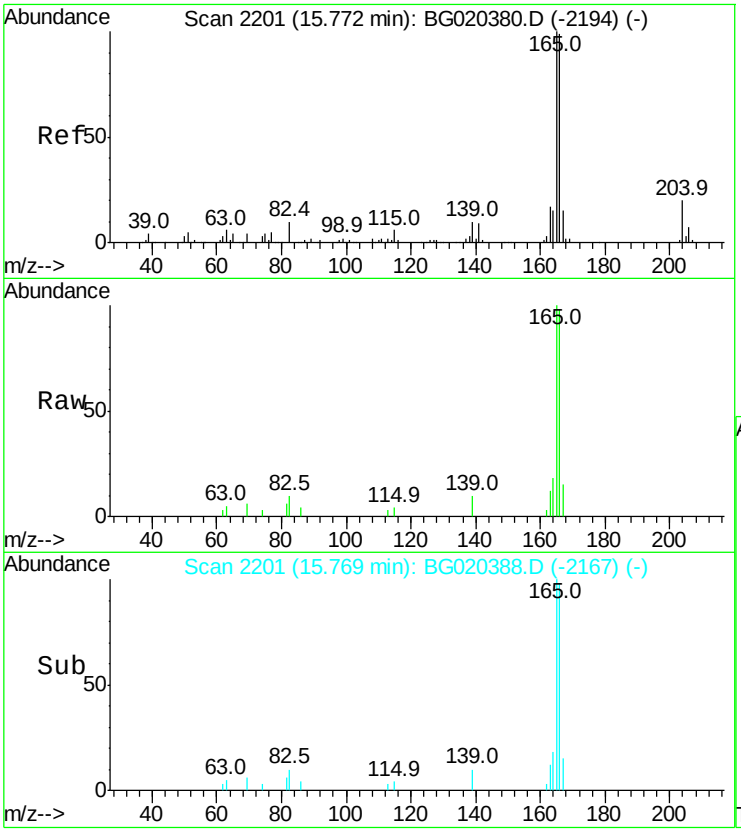


#54
Dibenzofuran
Concen: 2.08 ng/ul
RT: 15.12 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BG020388.D
Acq: 21 Dec 2015 22:21

Tgt Ion:168 Resp: 10801

Ion	Ratio	Lower	Upper
168	100		
139	39.1	30.5	45.7



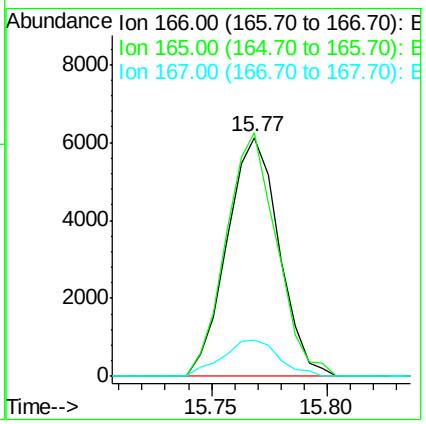


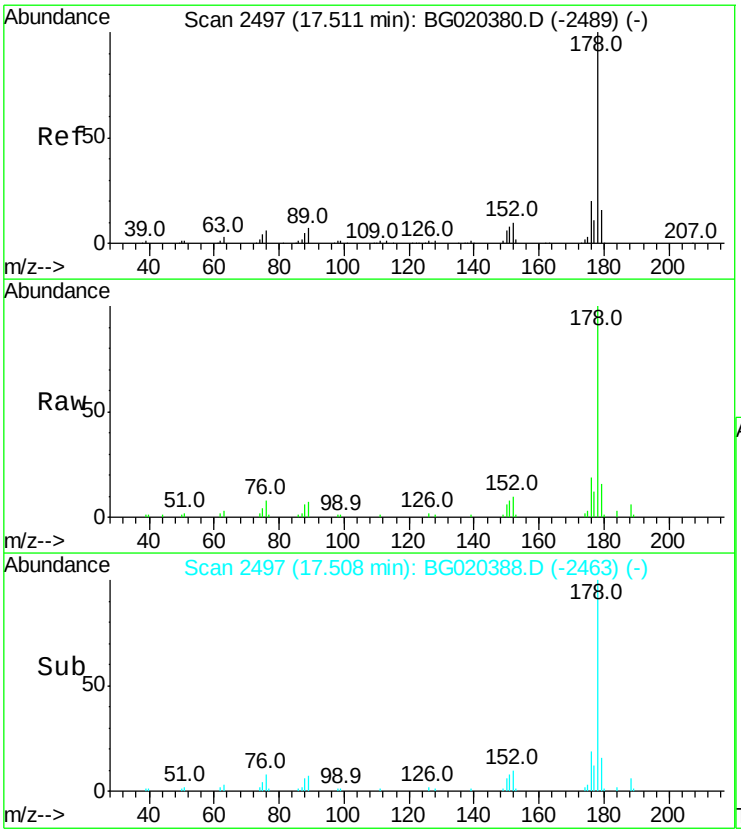
#59
Fluorene
Concen: 2.31 ng/ul
RT: 15.77 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG020388.D
Acq: 21 Dec 2015 22:21

Instrument :
BNA_G
ClientSampleId :
D9N38DL

Tgt Ion:166 Resp: 9598

Ion	Ratio	Lower	Upper
166	100		
165	102.0	81.4	122.0
167	15.2	11.2	16.8

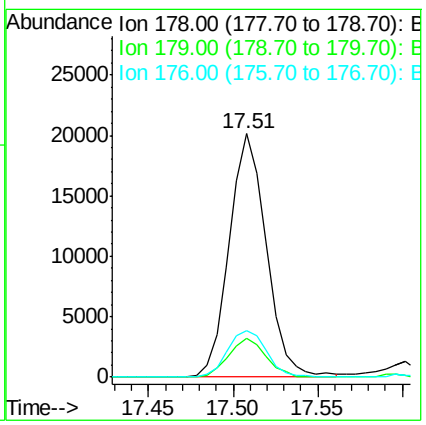


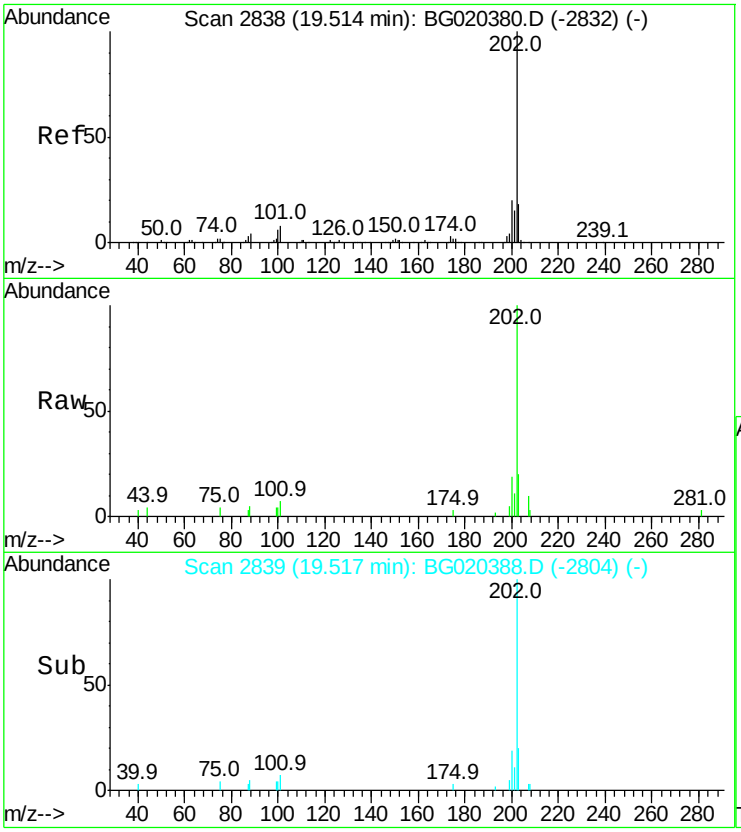


#70
Phenanthrene
Concen: 4.49 ng/ul
RT: 17.51 min Scan# 2497
Delta R.T. -0.00 min
Lab File: BG020388.D
Acq: 21 Dec 2015 22:21

Tgt Ion:178 Resp: 30777

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.9	19.3
176	19.1	15.3	22.9





#77
Fluoranthene
Concen: 1.14 ng/ul
RT: 19.52 min Scan# 2839
Delta R.T. 0.00 min
Lab File: BG020388.D
Acq: 21 Dec 2015 22:21

Instrument :
BNA_G
ClientSampleId :
D9N38DL

Tgt Ion:202 Resp: 9149

Ion	Ratio	Lower	Upper
202	100		
101	7.4	6.2	9.4
100	4.2	5.1	7.7#