Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\
Data File : BG020387.D
Acq On : 21 Dec 2015 21:42
Operator : UM/SJ
Sample : G4768-13DL 125X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N37DL

Quant Time: Dec 22 07:43:04 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	17878	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	76217	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	50650	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	120487	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	146898	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	109309	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	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	7.41	67	199	0.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	178	0.16	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	9.27	128	67m	0.11	ng/ul	0.00
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.12	166	1101	0.27	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	1709	0.36	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.71	176	1659	0.45	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.56	188	3587	0.65	ng/ul	0.00
79) Pyrene-d10	19.85	212	2160	0.32	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	1761m	0.32	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.96	128	242872	61.02	ng/ul	98
34) 2-Methylnaphthalene	12.56	142	21397	7.04	ng/ul	91
41) 1,1'-Biphenyl	13.56	154	6149	1.61	ng/ul#	95
50) Acenaphthene	14.78	153	25560	7.50	ng/ul	95
54) Dibenzofuran	15.12	168	21663	4.27	ng/ul	97
59) Fluorene	15.77	166	14578	3.58	ng/ul	96
70) Phenanthrene	17.51	178	29545	4.48	ng/ul	98
75) Carbazole	17.87	167	33464	5.96	ng/ul	97

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

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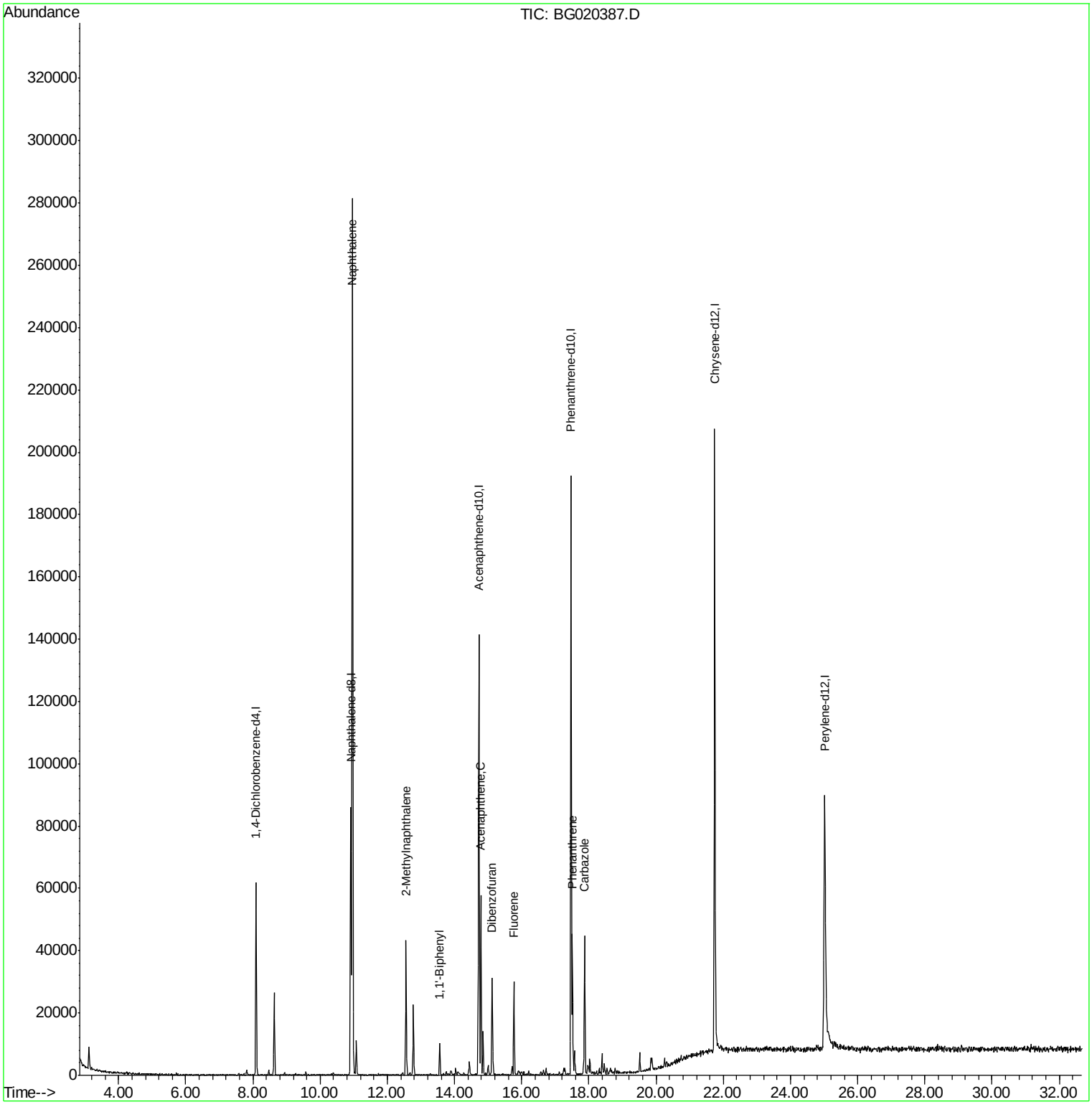
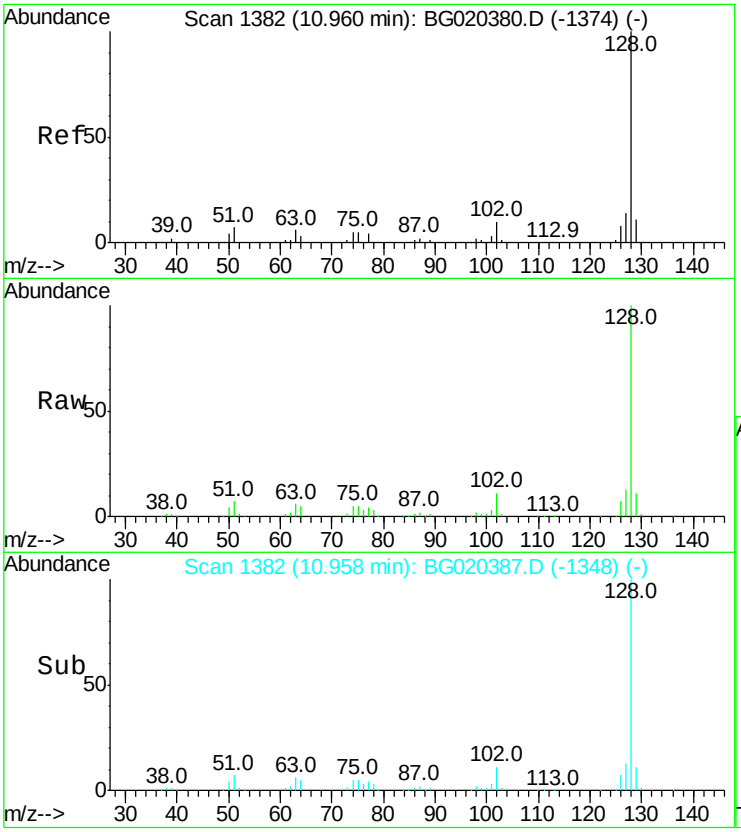


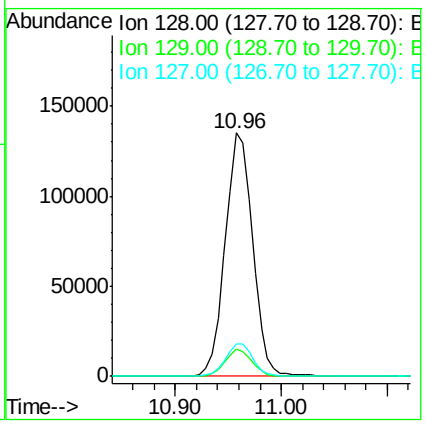


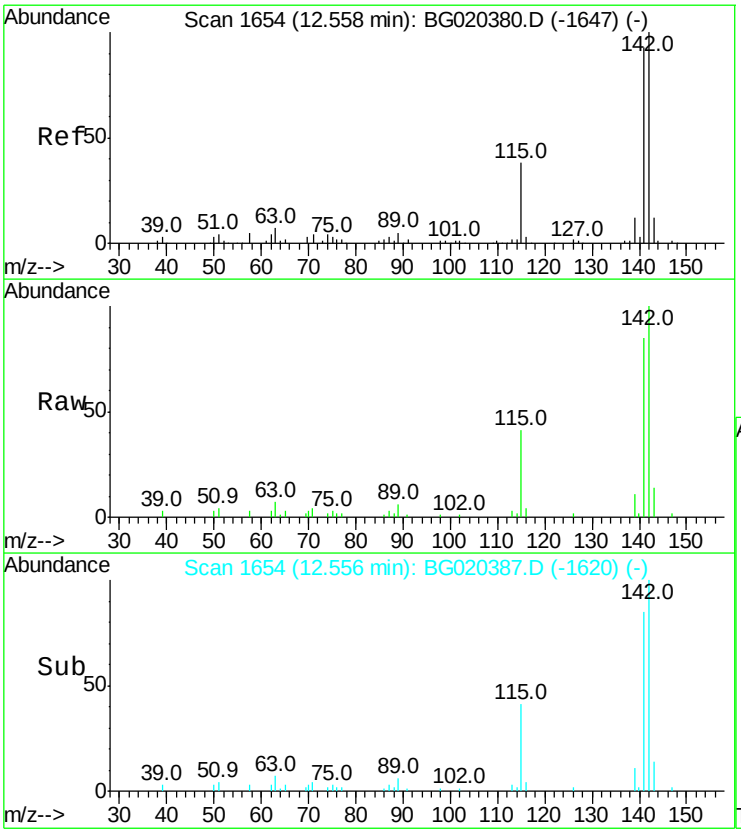
#28
Naphthalene
Concen: 61.02 ng/ul
RT: 10.96 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BG020387.D
Acq: 21 Dec 2015 21:42

Instrument :
BNA_G
ClientSampleId :
D9N37DL

Tgt Ion:128 Resp: 242872

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	12.8
127	13.4	10.1	15.1

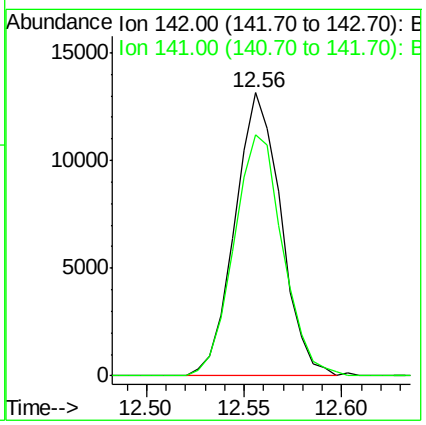


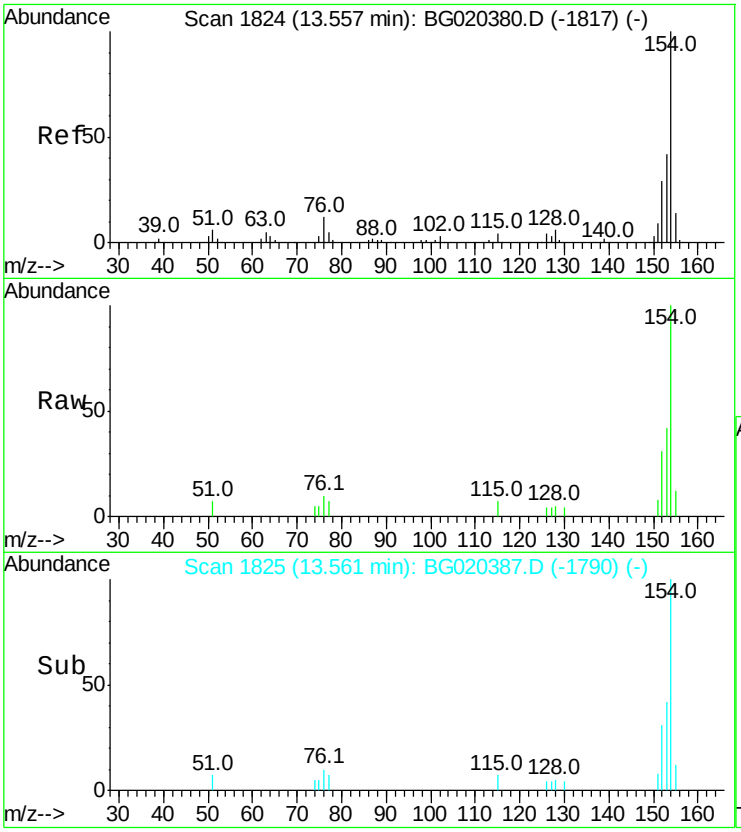


#34
2-Methylnaphthalene
Concen: 7.04 ng/ul
RT: 12.56 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BG020387.D
Acq: 21 Dec 2015 21:42

Tgt Ion:142 Resp: 21397

Ion	Ratio	Lower	Upper
142	100		
141	85.3	74.9	112.3



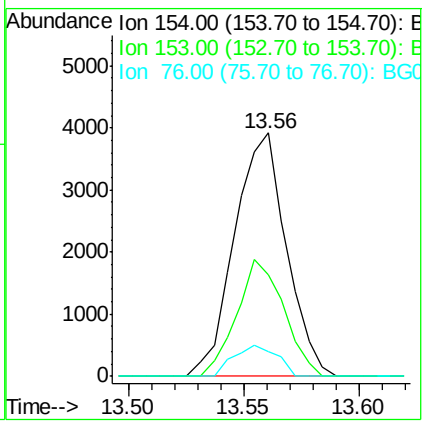


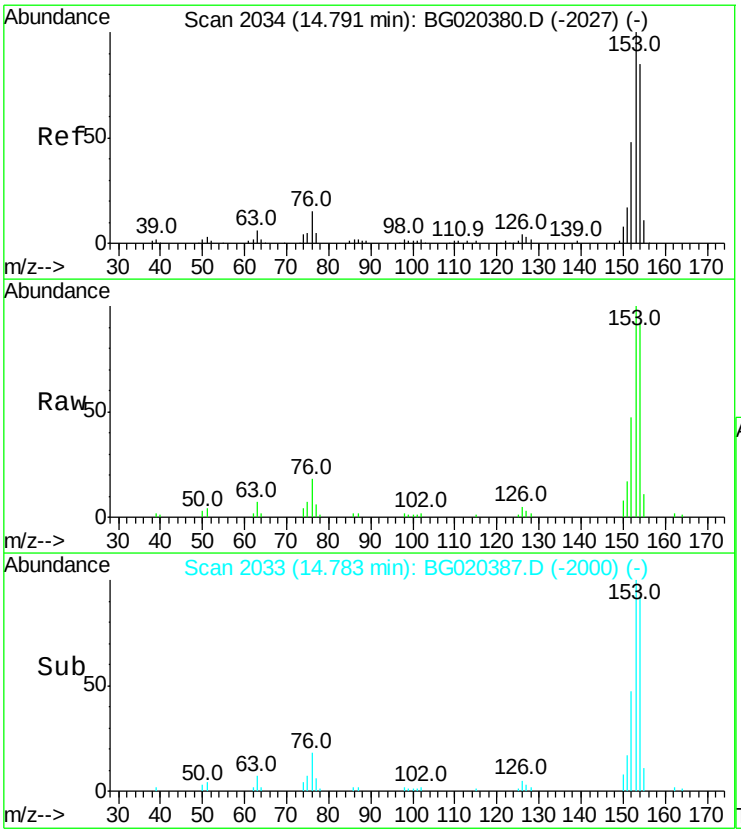
#41
1,1'-Biphenyl
Concen: 1.61 ng/ul
RT: 13.56 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BG020387.D
Acq: 21 Dec 2015 21:42

Instrument :
BNA_G
ClientSampleId :
D9N37DL

Tgt Ion:154 Resp: 6149

Ion	Ratio	Lower	Upper
154	100		
153	41.8	35.5	53.3
76	10.2	10.4	15.6#

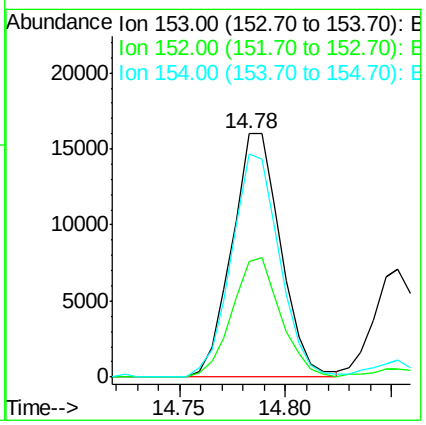


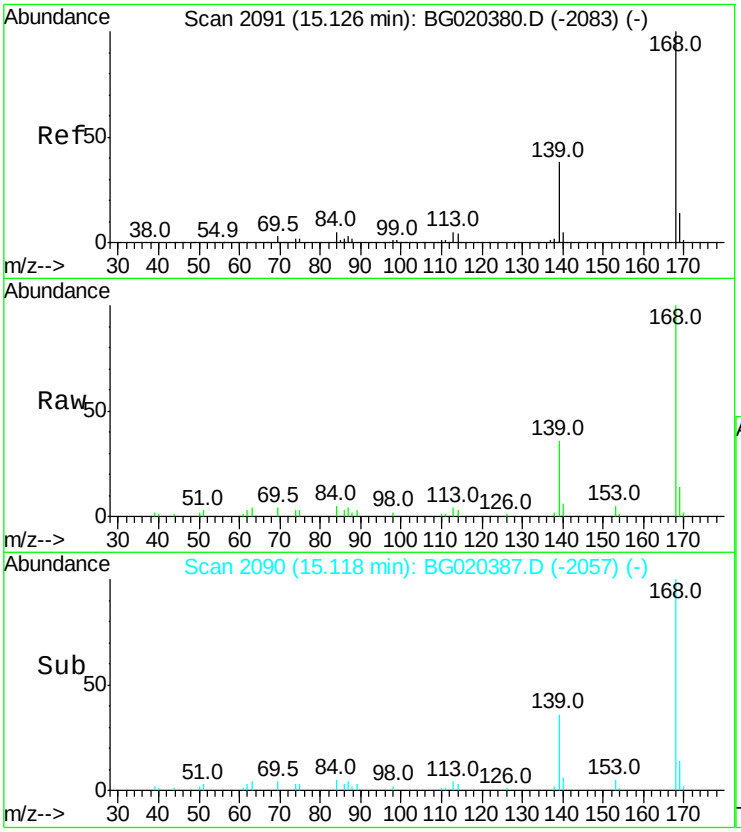


#50
Acenaphthene
Concen: 7.50 ng/ul
RT: 14.78 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BG020387.D
Acq: 21 Dec 2015 21:42

Tgt Ion:153 Resp: 25560

Ion	Ratio	Lower	Upper
153	100		
152	47.5	37.6	56.4
154	91.7	67.9	101.9



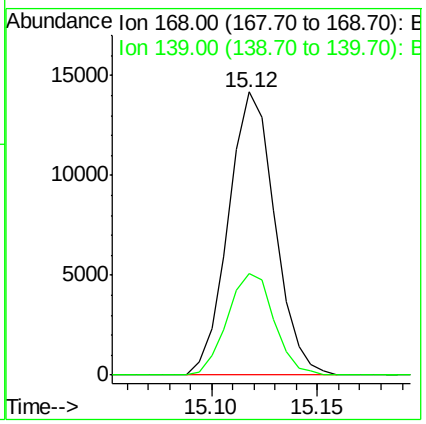


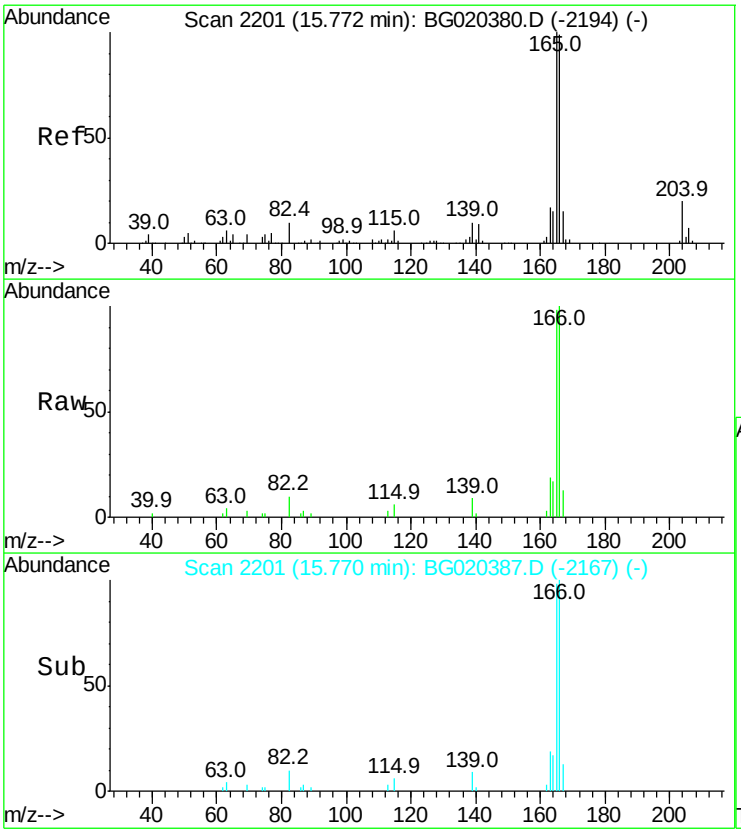
#54
Dibenzofuran
Concen: 4.27 ng/ul
RT: 15.12 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BG020387.D
Acq: 21 Dec 2015 21:42

Instrument :
BNA_G
ClientSampleId :
D9N37DL

Tgt Ion:168 Resp: 21663

Ion	Ratio	Lower	Upper
168	100		
139	36.0	30.5	45.7

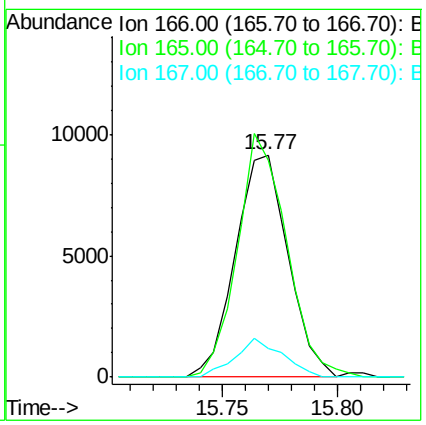


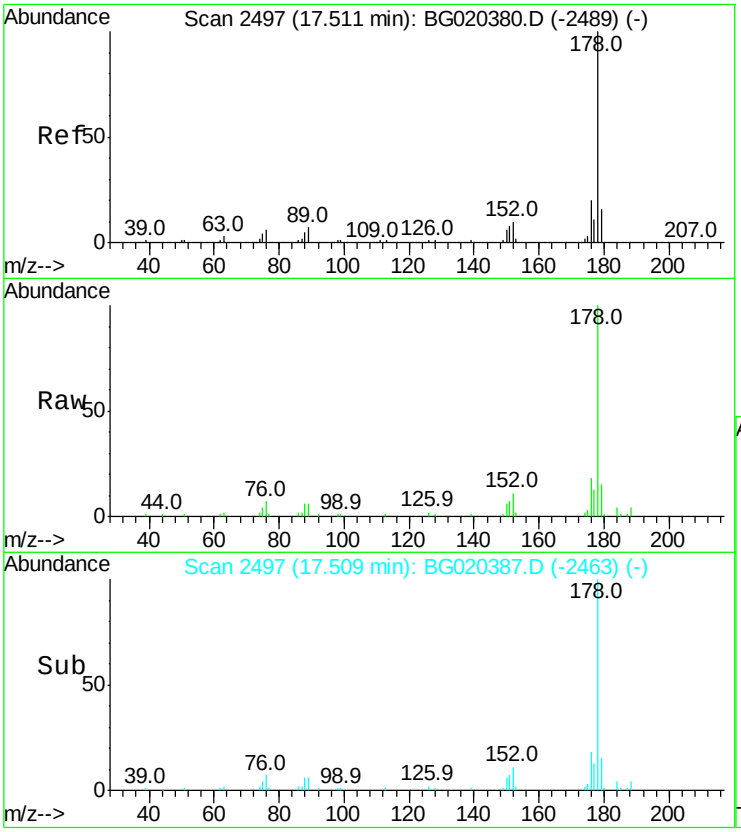


#59
Fluorene
Concen: 3.58 ng/ul
RT: 15.77 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG020387.D
Acq: 21 Dec 2015 21:42

Tgt Ion:166 Resp: 14578

Ion	Ratio	Lower	Upper
166	100		
165	97.6	81.4	122.0
167	13.1	11.2	16.8



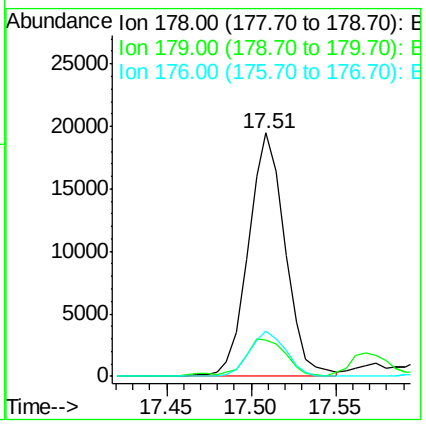


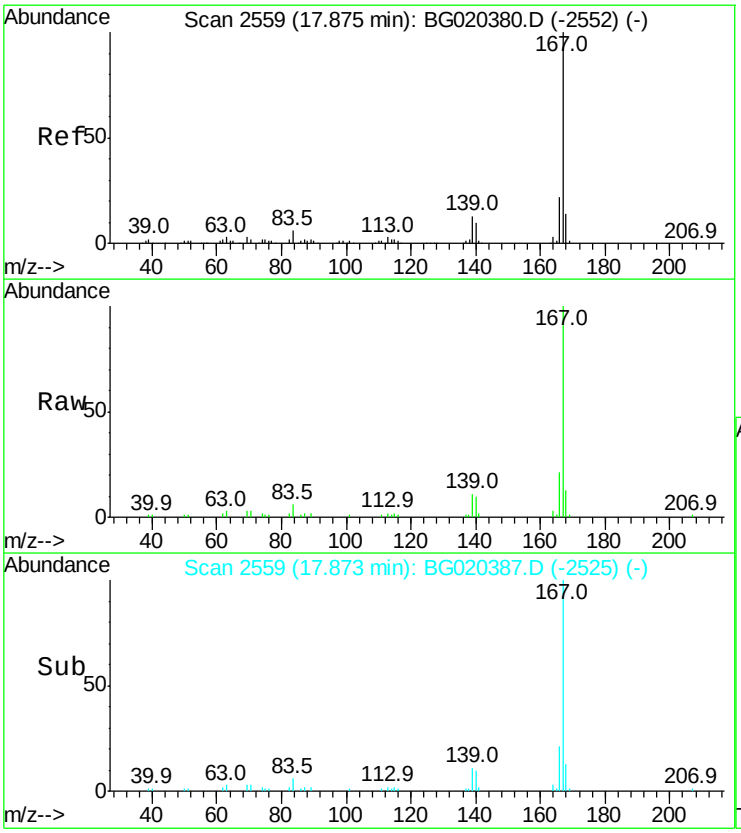
#70
Phenanthrene
Concen: 4.48 ng/ul
RT: 17.51 min Scan# 2497
Delta R.T. -0.00 min
Lab File: BG020387.D
Acq: 21 Dec 2015 21:42

Instrument :
BNA_G
ClientSampleId :
D9N37DL

Tgt Ion:178 Resp: 29545

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.9	19.3
176	18.4	15.3	22.9





#75
Carbazole
Concen: 5.96 ng/ul
RT: 17.87 min Scan# 2559
Delta R.T. -0.00 min
Lab File: BG020387.D
Acq: 21 Dec 2015 21:42

Tgt Ion:167 Resp: 33464

Ion	Ratio	Lower	Upper
167	100		
166	20.6	17.0	25.6
139	10.7	10.1	15.1