Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122815\
Data File : BG020583.D
Acq On : 29 Dec 2015 3:40
Operator : UM/SJ
Sample : G4847-09DL 100X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N73DL

Quant Time: Dec 29 06:27:38 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 29 05:04:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	12810	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	55628	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	44370	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	130420	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	176648	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	166443	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
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	14.10	166	1952	0.53	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	2168	0.51	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.69	176	2079	0.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.55	188	4022	0.66	ng/ul	0.00
79) Pyrene-d10	19.83	212	4486	0.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	4173	0.50	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.93	128	151674	51.29	ng/ul	99
34) 2-Methylnaphthalene	12.54	142	15167	6.93	ng/ul	99
41) 1,1'-Biphenyl	13.54	154	4616	1.35	ng/ul	100
50) Acenaphthene	14.77	153	23914	7.94	ng/ul	98
54) Dibenzofuran	15.11	168	19833	4.43	ng/ul	98
59) Fluorene	15.75	166	13991	3.85	ng/ul	96
70) Phenanthrene	17.49	178	33823	4.66	ng/ul	98
75) Carbazole	17.86	167	41329	6.61	ng/ul	99

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

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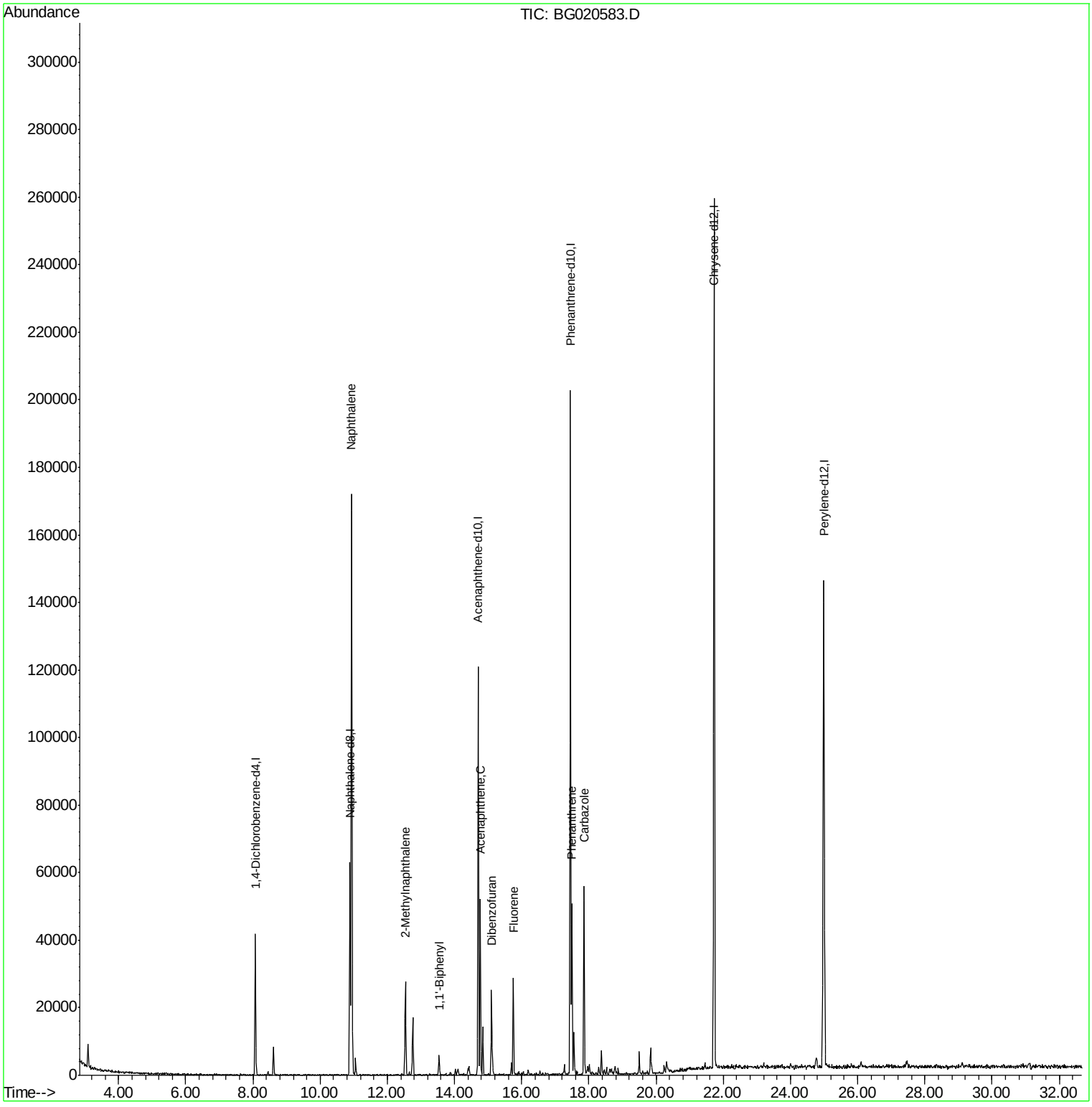
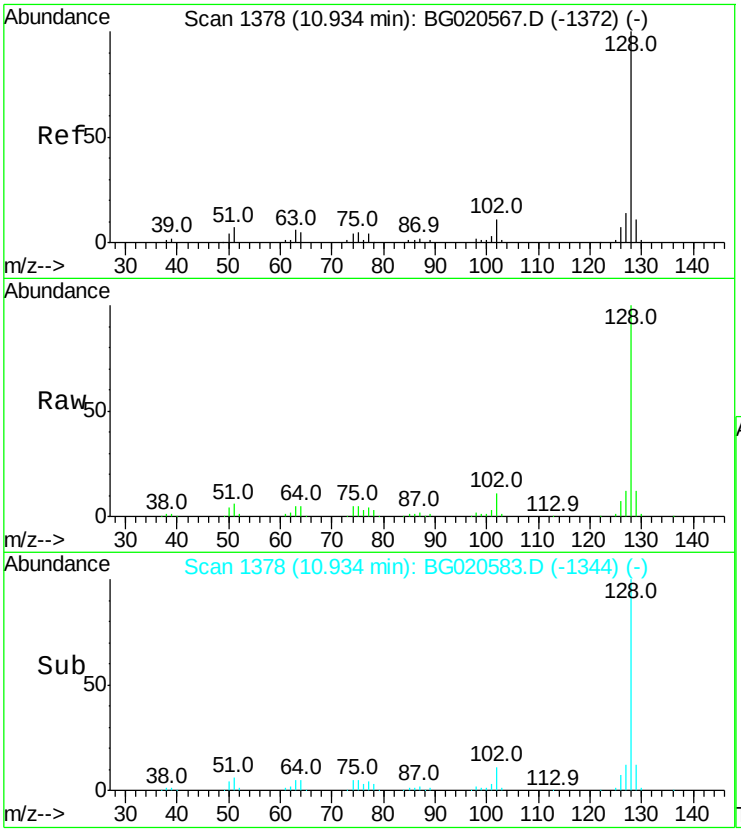


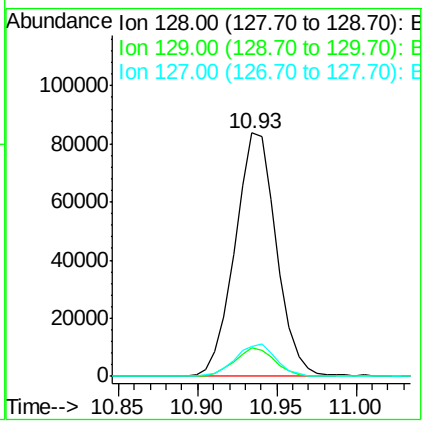


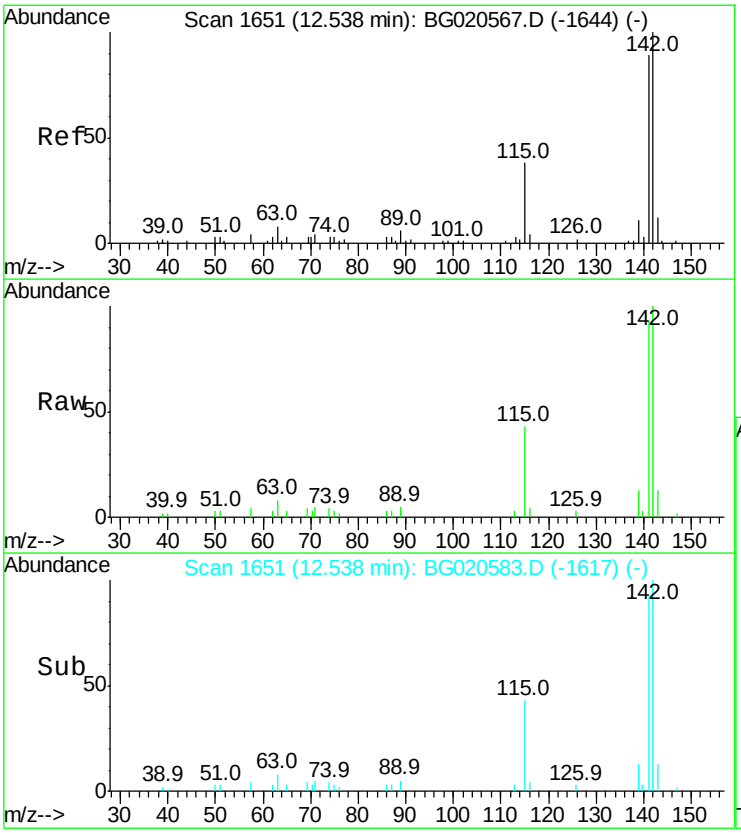
#28
Naphthalene
Concen: 51.29 ng/ul
RT: 10.93 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BG020583.D
Acq: 29 Dec 2015 3:40

Instrument :
BNA_G
ClientSampleId :
D9N73DL

Tgt Ion:128 Resp: 151674

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	12.8
127	12.4	10.1	15.1

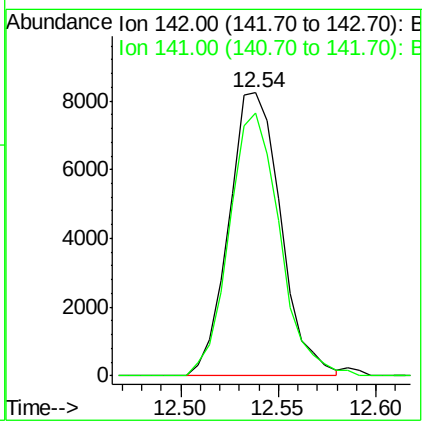


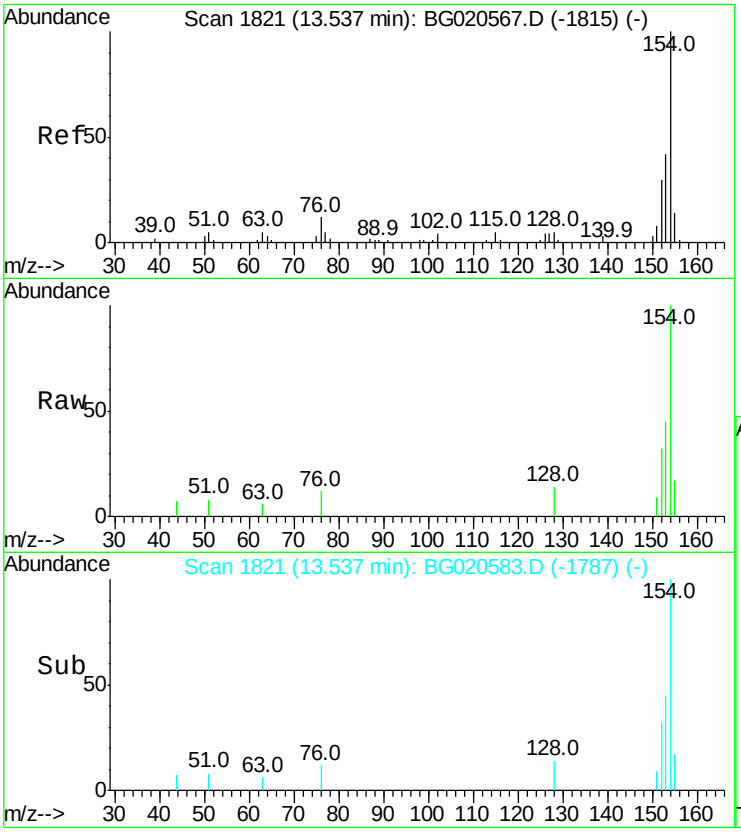


#34
2-Methylnaphthalene
Concen: 6.93 ng/ul
RT: 12.54 min Scan# 1651
Delta R.T. 0.00 min
Lab File: BG020583.D
Acq: 29 Dec 2015 3:40

Tgt Ion:142 Resp: 15167

Ion	Ratio	Lower	Upper
142	100		
141	92.8	74.9	112.3



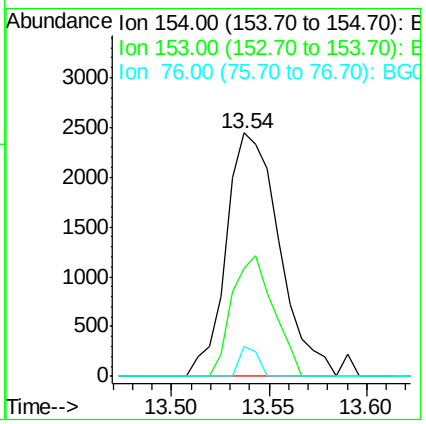


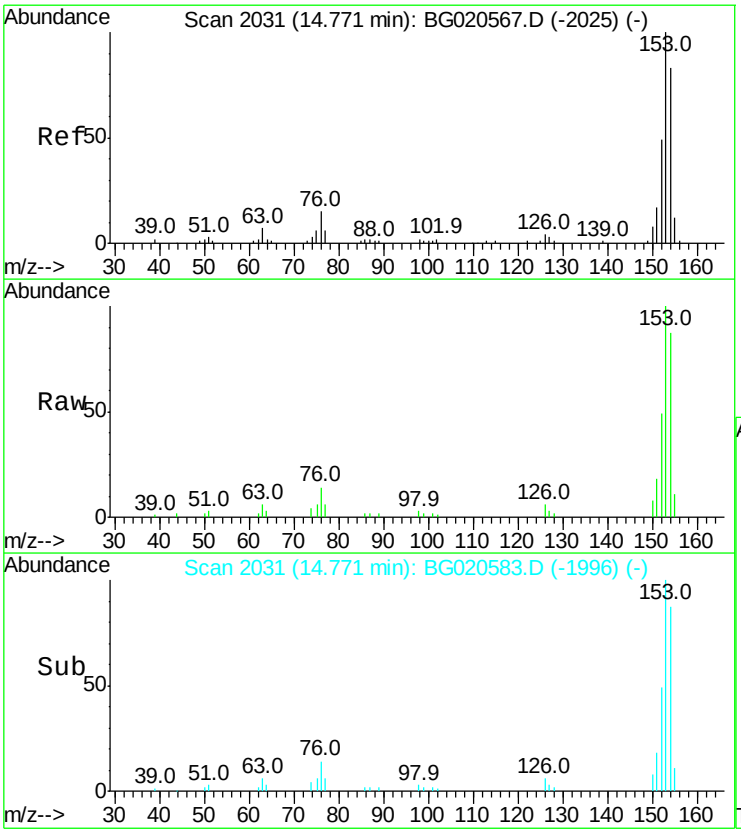
#41
1,1'-Biphenyl
Concen: 1.35 ng/ul
RT: 13.54 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BG020583.D
Acq: 29 Dec 2015 3:40

Instrument :
BNA_G
ClientSampleId :
D9N73DL

Tgt Ion:154 Resp: 4616

Ion	Ratio	Lower	Upper
154	100		
153	44.5	35.5	53.3
76	12.4	10.4	15.6

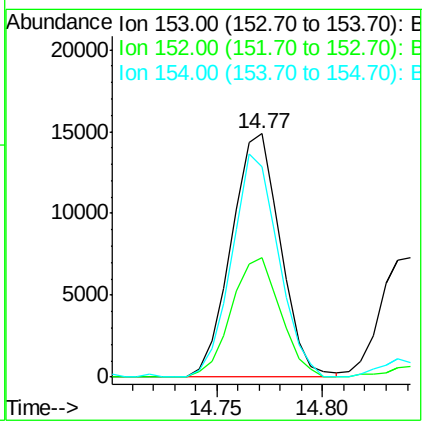


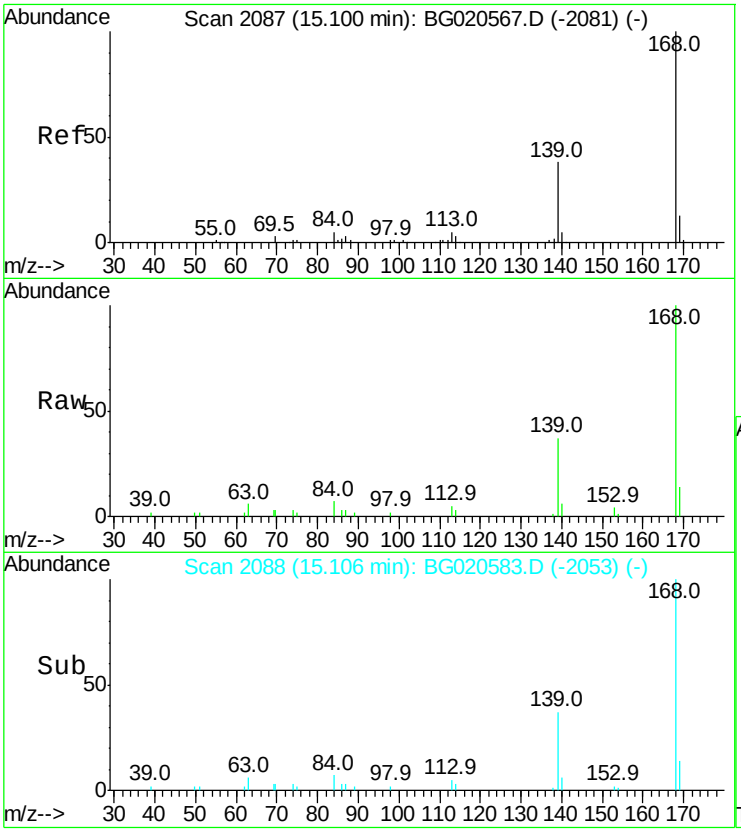


#50
Acenaphthene
Concen: 7.94 ng/ul
RT: 14.77 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BG020583.D
Acq: 29 Dec 2015 3:40

Tgt Ion:153 Resp: 23914

Ion	Ratio	Lower	Upper
153	100		
152	48.9	37.6	56.4
154	86.6	67.9	101.9



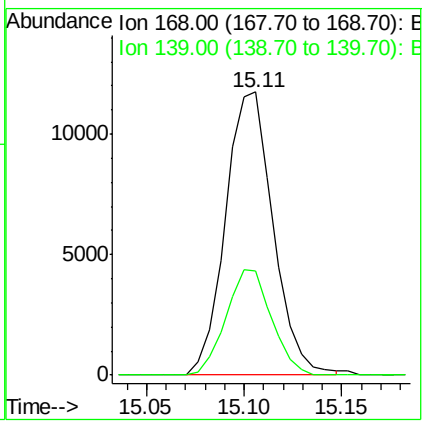


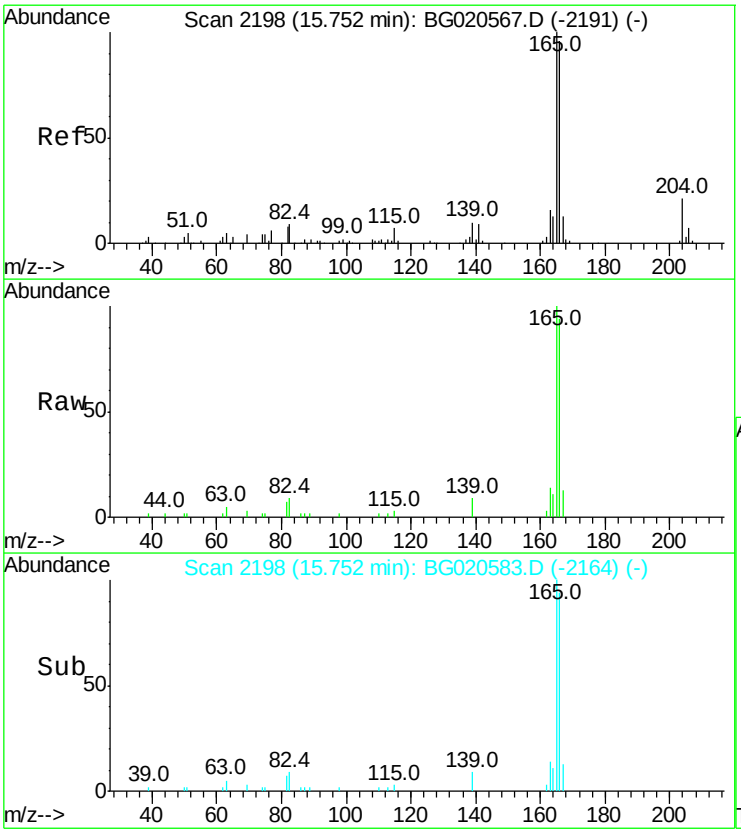
#54
Dibenzofuran
Concen: 4.43 ng/ul
RT: 15.11 min Scan# 2088
Delta R.T. 0.01 min
Lab File: BG020583.D
Acq: 29 Dec 2015 3:40

Instrument :
BNA_G
ClientSampleId :
D9N73DL

Tgt Ion:168 Resp: 19833

Ion	Ratio	Lower	Upper
168	100		
139	36.8	30.5	45.7

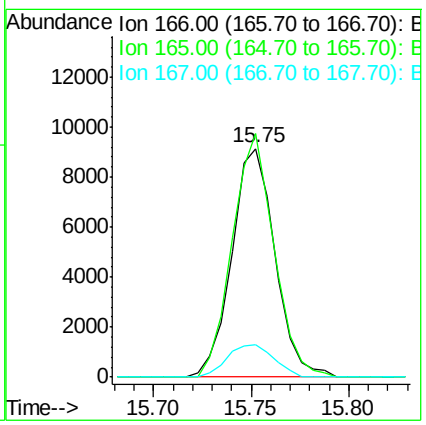


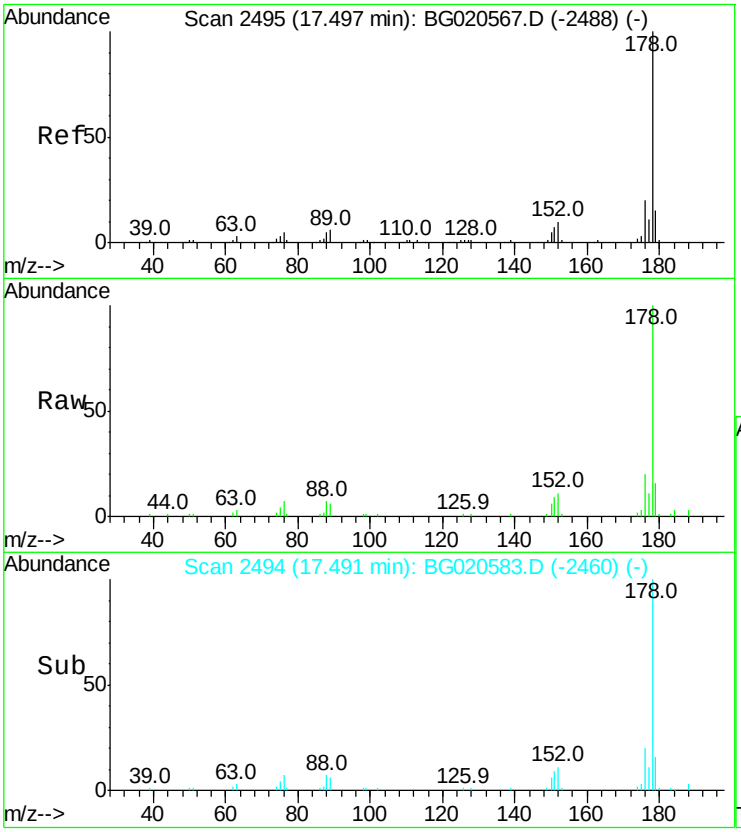


#59
Fluorene
Concen: 3.85 ng/ul
RT: 15.75 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BG020583.D
Acq: 29 Dec 2015 3:40

Tgt Ion:166 Resp: 13991

Ion	Ratio	Lower	Upper
166	100		
165	106.6	81.4	122.0
167	13.9	11.2	16.8



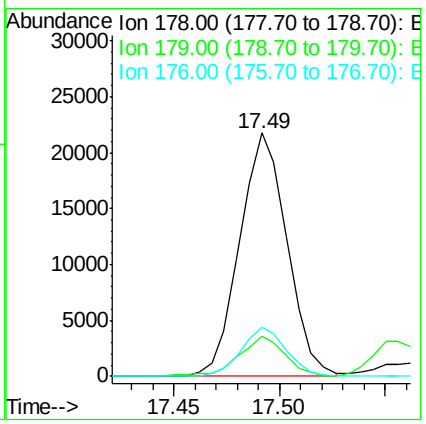


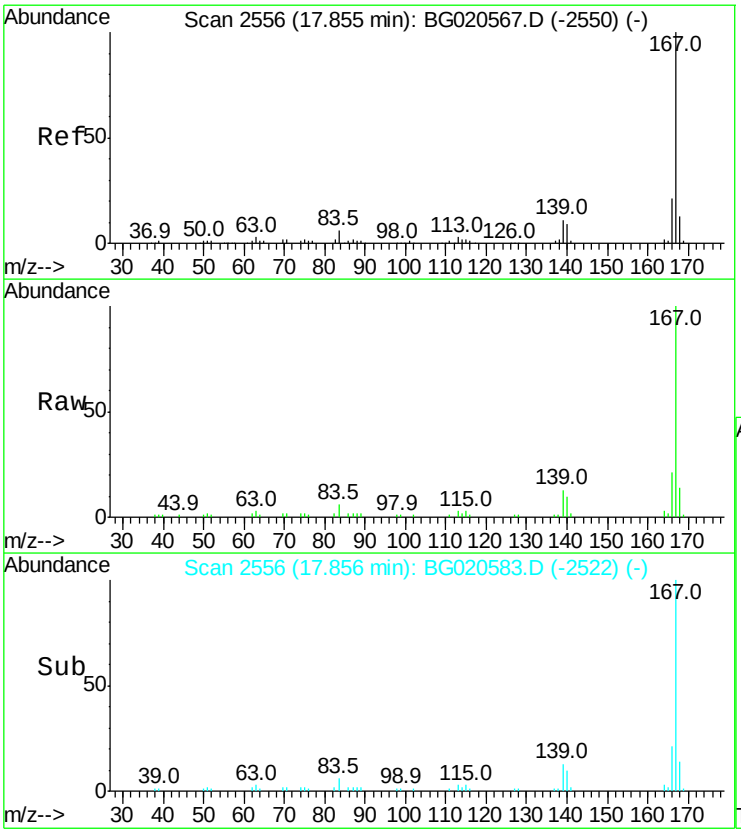
#70
Phenanthrene
Concen: 4.66 ng/ul
RT: 17.49 min Scan# 2494
Delta R.T. 0.00 min
Lab File: BG020583.D
Acq: 29 Dec 2015 3:40

Instrument :
BNA_G
ClientSampleId :
D9N73DL

Tgt Ion:178 Resp: 33823

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.9	19.3
176	20.2	15.3	22.9





#75
Carbazole
Concen: 6.61 ng/ul
RT: 17.86 min Scan# 2556
Delta R.T. 0.00 min
Lab File: BG020583.D
Acq: 29 Dec 2015 3:40

Tgt Ion:167 Resp: 41329

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.6
139	13.3	10.1	15.1