Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
Data File : BG020432.D
Acq On : 23 Dec 2015 7:26
Operator : UM/SJ
Sample : G4768-07DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N31DL

Quant Time: Dec 23 11:07:54 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	20765	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	90446	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	65644	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	163223	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	197138	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	187131	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	7.24	99	6072	3.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	15698	14.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	18052	13.55	ng/ul	-0.02
13) 4-Methylphenol-d8	8.79	113	12715	8.12	ng/ul	-0.02
19) Nitrobenzene-d5	9.25	128	11772	16.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	13487	17.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	25229	15.88	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	1771	0.99	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	95065	17.90	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	108075	17.49	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	2047	2.15	ng/ul	0.00
58) Fluorene-d10	15.71	176	85333	17.72	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	12380	12.79	ng/ul	0.00
71) Anthracene-d10	17.56	188	136906	18.20	ng/ul	0.00
79) Pyrene-d10	19.84	212	160272	17.44	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	168803	18.09	ng/ul	-0.02
Target Compounds						Qvalue
28) Naphthalene	10.95	128	201859	42.74	ng/ul	98
34) 2-Methylnaphthalene	12.55	142	15757	4.37	ng/ul	95
41) 1,1'-Biphenyl	13.55	154	6821	1.38	ng/ul	98
50) Acenaphthene	14.78	153	22294	5.05	ng/ul	98
54) Dibenzofuran	15.11	168	13547	2.06	ng/ul	96
59) Fluorene	15.76	166	12308	2.33	ng/ul	90
70) Phenanthrene	17.51	178	37701	4.22	ng/ul	98
75) Carbazole	17.86	167	33609	4.42	ng/ul	99

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

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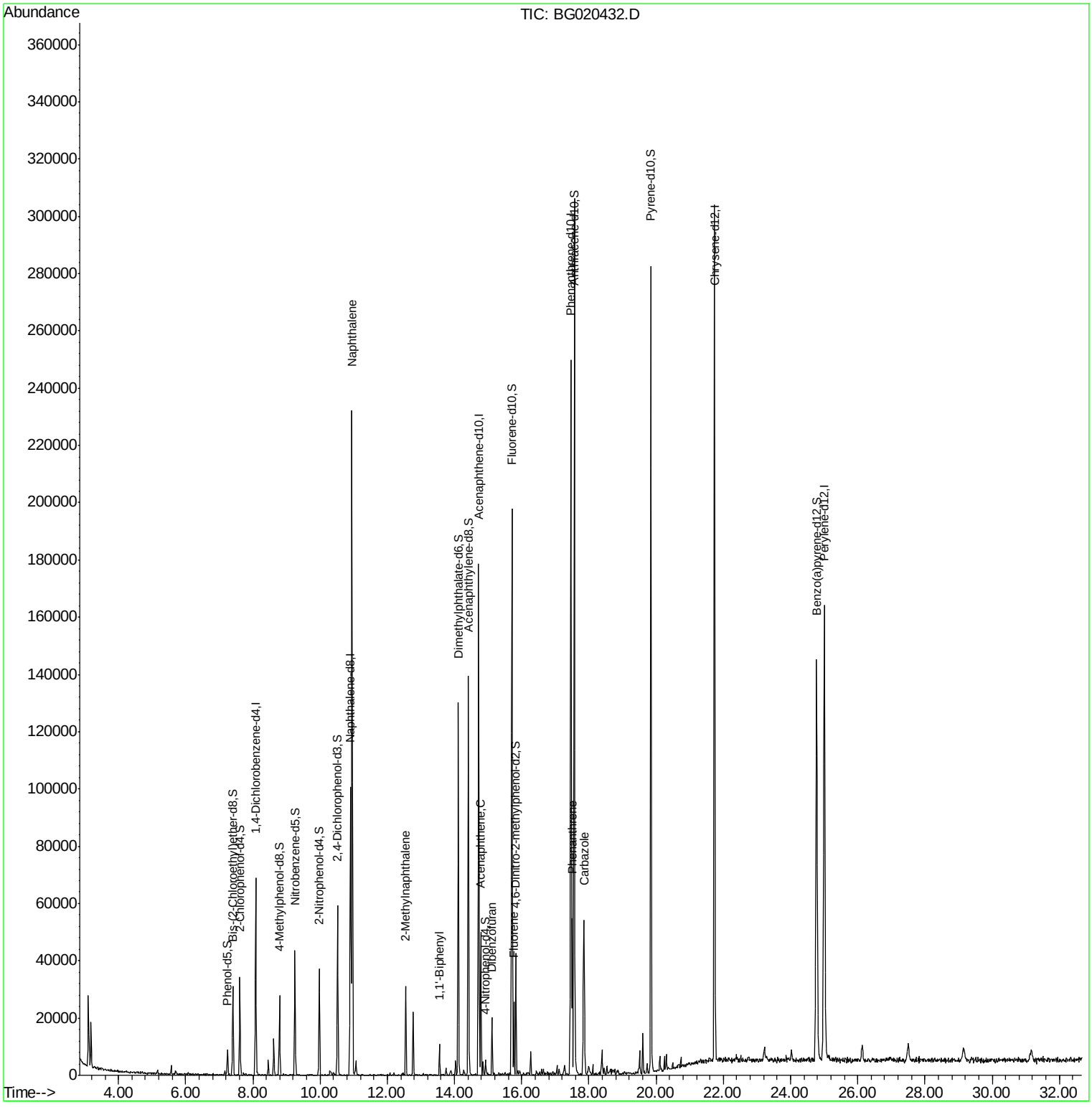
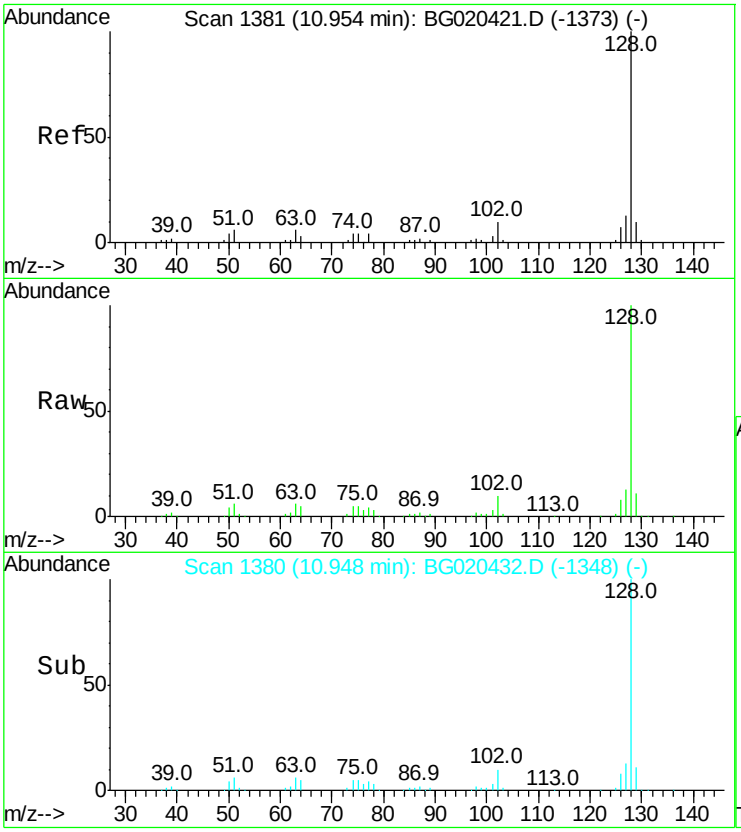


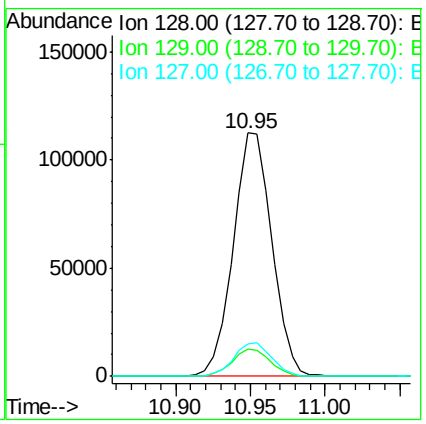


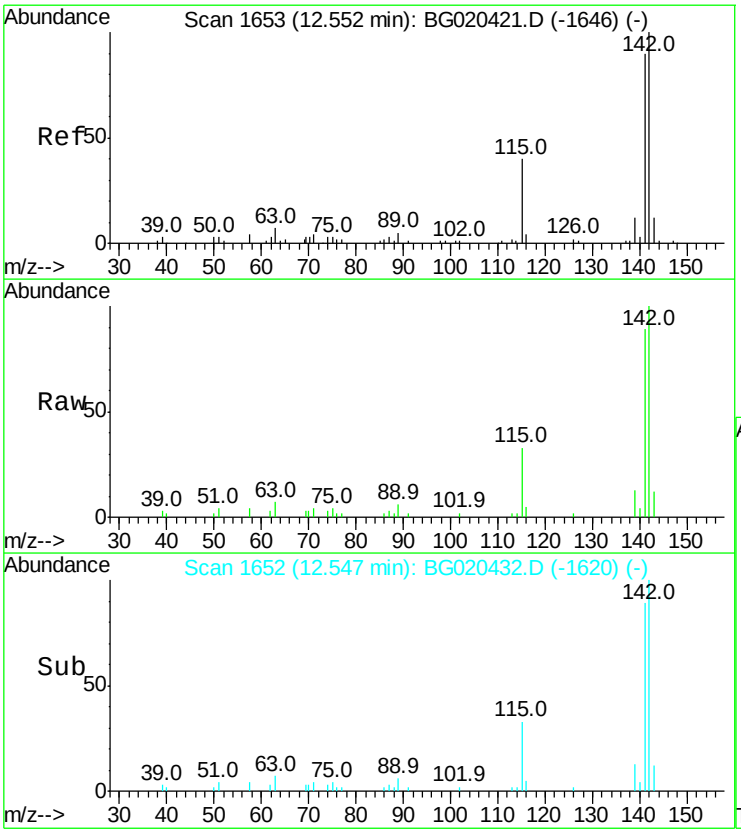
#28
Naphthalene
Concen: 42.74 ng/ul
RT: 10.95 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG020432.D
Acq: 23 Dec 2015 7:26

Instrument :
BNA_G
ClientSampleId :
D9N31DL

Tgt Ion:128 Resp: 201859

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	12.8
127	13.2	10.1	15.1

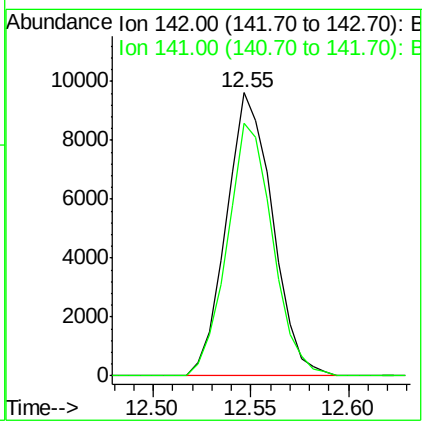


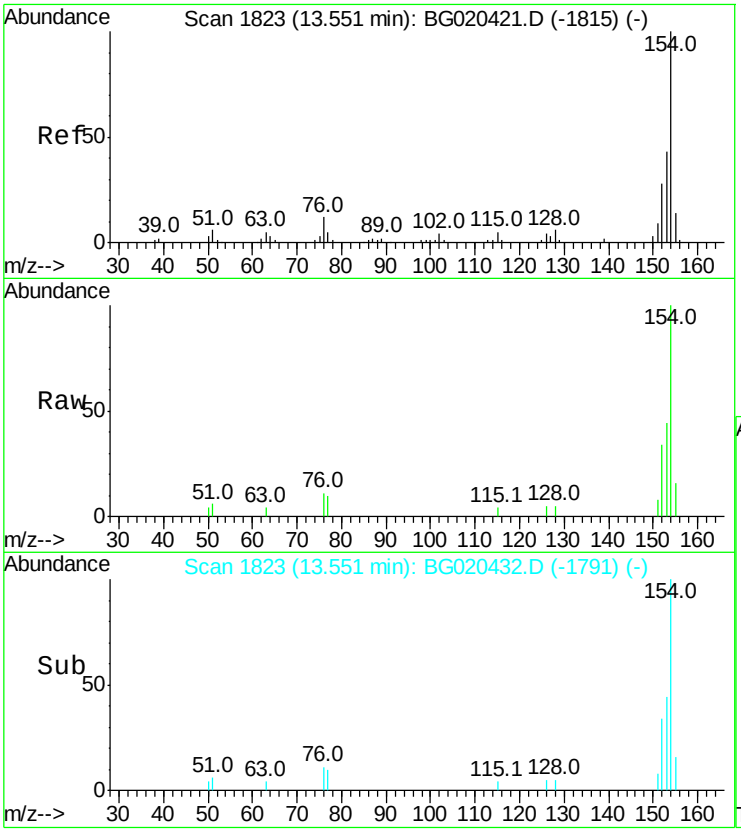


#34
2-Methylnaphthalene
Concen: 4.37 ng/ul
RT: 12.55 min Scan# 1652
Delta R.T. -0.01 min
Lab File: BG020432.D
Acq: 23 Dec 2015 7:26

Tgt Ion:142 Resp: 15757

Ion	Ratio	Lower	Upper
142	100		
141	89.2	74.9	112.3



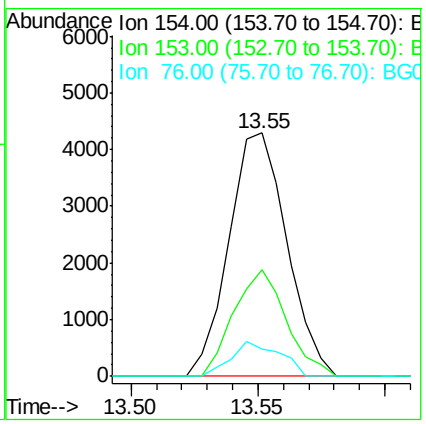


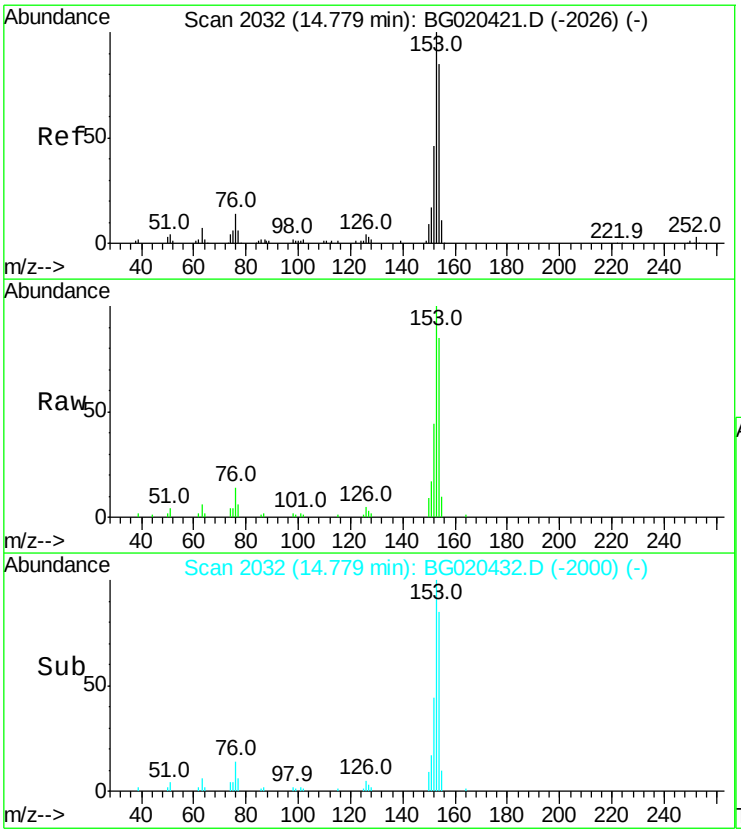
#41
1,1'-Biphenyl
Concen: 1.38 ng/ul
RT: 13.55 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BG020432.D
Acq: 23 Dec 2015 7:26

Instrument :
BNA_G
ClientSampleId :
D9N31DL

Tgt Ion:154 Resp: 6821

Ion	Ratio	Lower	Upper
154	100		
153	43.9	35.5	53.3
76	11.2	10.4	15.6

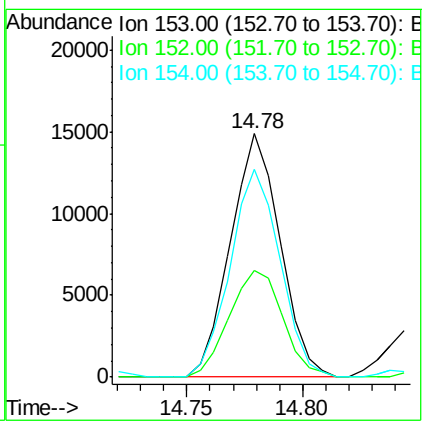


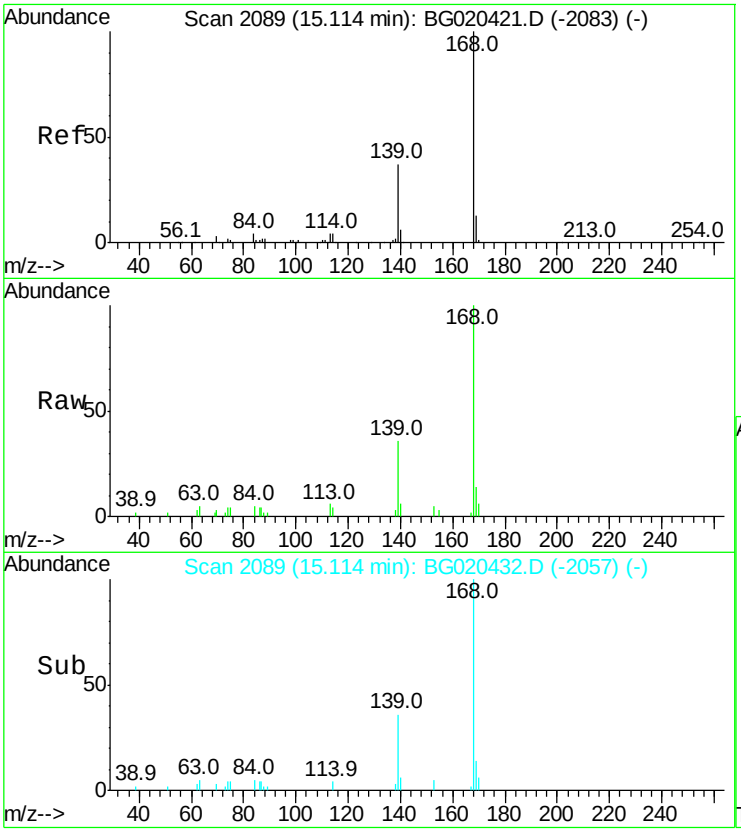


#50
Acenaphthene
Concen: 5.05 ng/ul
RT: 14.78 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG020432.D
Acq: 23 Dec 2015 7:26

Tgt Ion:153 Resp: 22294

Ion	Ratio	Lower	Upper
153	100		
152	43.8	37.6	56.4
154	85.1	67.9	101.9



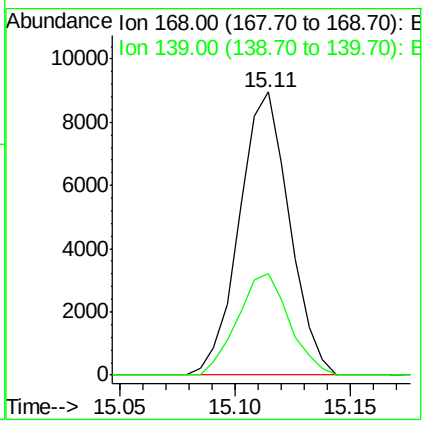


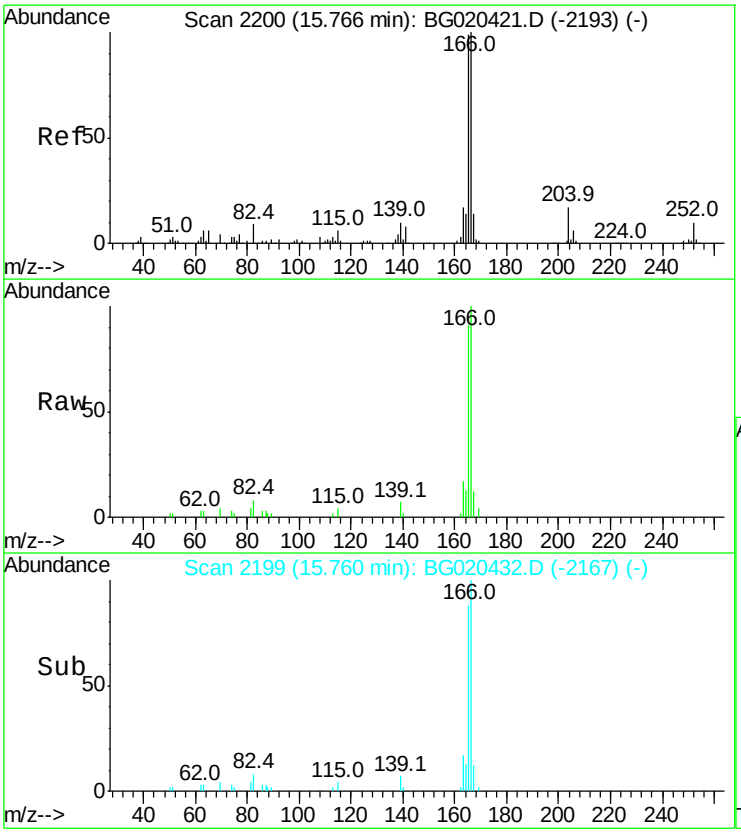
#54
Dibenzofuran
Concen: 2.06 ng/ul
RT: 15.11 min Scan# 2089
Delta R.T. -0.01 min
Lab File: BG020432.D
Acq: 23 Dec 2015 7:26

Instrument :
BNA_G
ClientSampleId :
D9N31DL

Tgt Ion:168 Resp: 13547

Ion	Ratio	Lower	Upper
168	100		
139	35.7	30.5	45.7

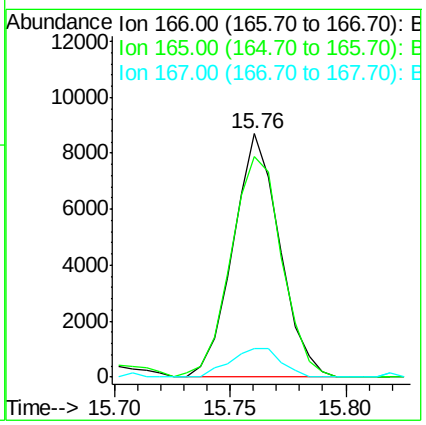


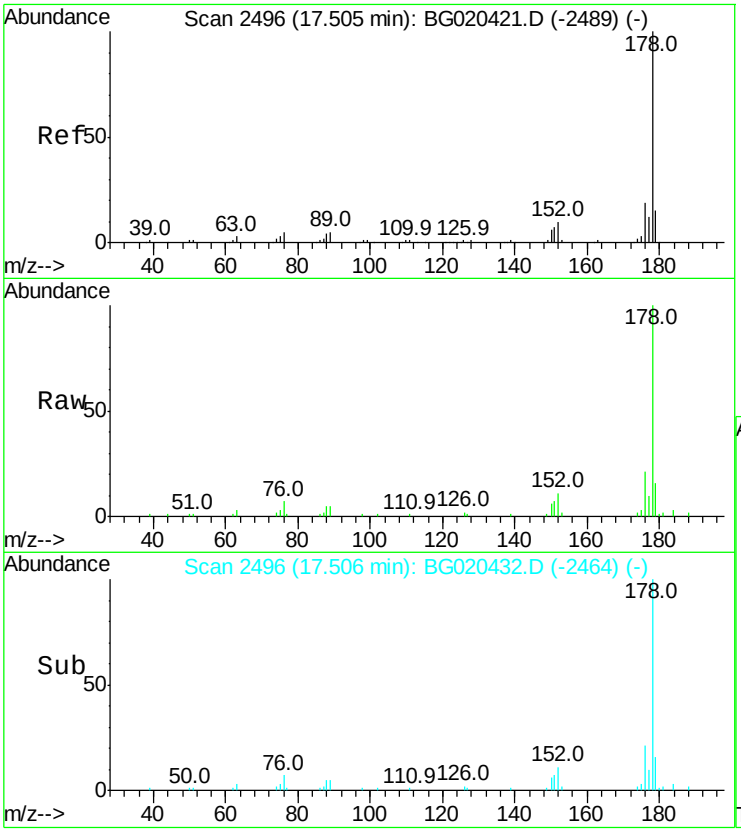


#59
Fluorene
Concen: 2.33 ng/ul
RT: 15.76 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG020432.D
Acq: 23 Dec 2015 7:26

Tgt Ion:166 Resp: 12308

Ion	Ratio	Lower	Upper
166	100		
165	90.8	81.4	122.0
167	11.7	11.2	16.8



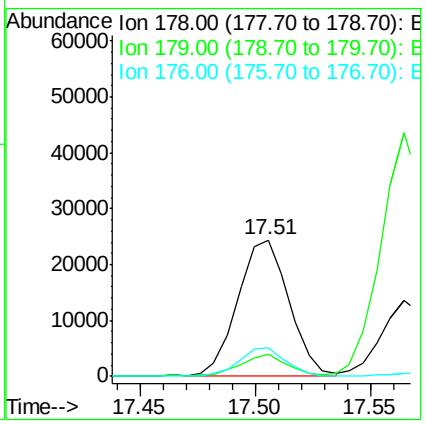


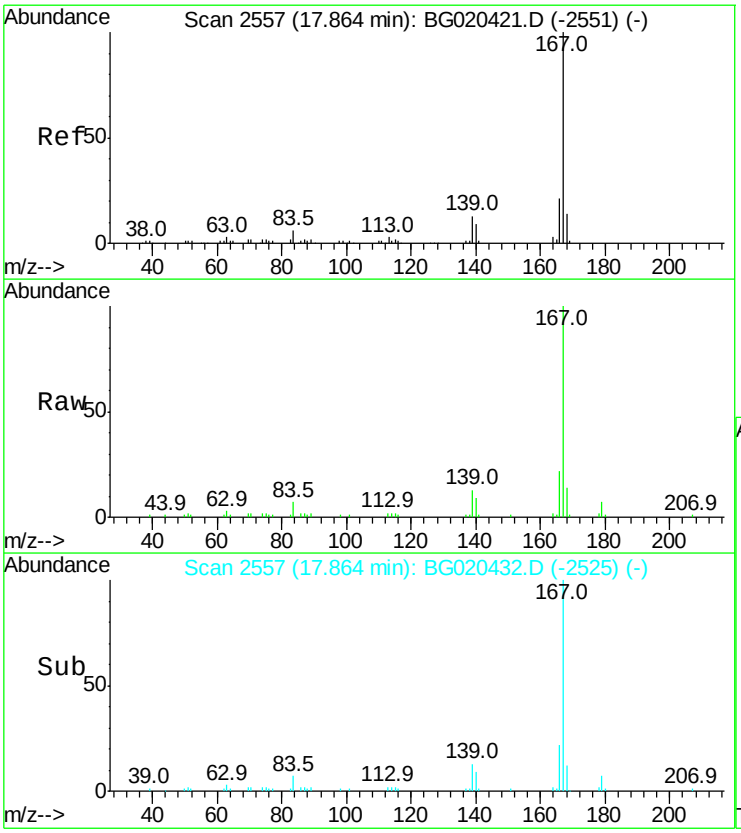
#70
Phenanthrene
Concen: 4.22 ng/ul
RT: 17.51 min Scan# 2496
Delta R.T. -0.01 min
Lab File: BG020432.D
Acq: 23 Dec 2015 7:26

Instrument :
BNA_G
ClientSampleId :
D9N31DL

Tgt Ion:178 Resp: 37701

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.9	19.3
176	20.6	15.3	22.9





#75
Carbazole
Concen: 4.42 ng/ul
RT: 17.86 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BG020432.D
Acq: 23 Dec 2015 7:26

Tgt Ion:167 Resp: 33609

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.0	25.6
139	13.0	10.1	15.1