Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\
Data File : BG020394.D
Acq On : 22 Dec 2015 2:16
Operator : UM/SJ
Sample : G4768-19DL 50X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N43DL

Quant Time: Dec 22 06:22:40 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	8.09	152	18129	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	78356	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	51564	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	125186	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	141585	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	111222	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	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	7.42	67	660	0.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	525	0.45	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	9.26	128	219	0.36	ng/ul	0.00
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	10.53	165	628m	0.46	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.12	166	2826	0.68	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	3527	0.73	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.71	176	3274	0.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.56	188	6695m	1.16	ng/ul	0.00
79) Pyrene-d10	19.85	212	5274	0.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	3566m	0.64	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.96	128	194552	47.55	ng/ul	99
34) 2-Methylnaphthalene	12.56	142	24447	7.82	ng/ul	99
41) 1,1'-Biphenyl	13.55	154	7299	1.88	ng/ul	97
50) Acenaphthene	14.79	153	33581	9.68	ng/ul	99
54) Dibenzofuran	15.12	168	27764	5.38	ng/ul	97
59) Fluorene	15.77	166	21300	5.14	ng/ul	88
70) Phenanthrene	17.51	178	44875	6.55	ng/ul	99
75) Carbazole	17.87	167	30838	5.28	ng/ul	99

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

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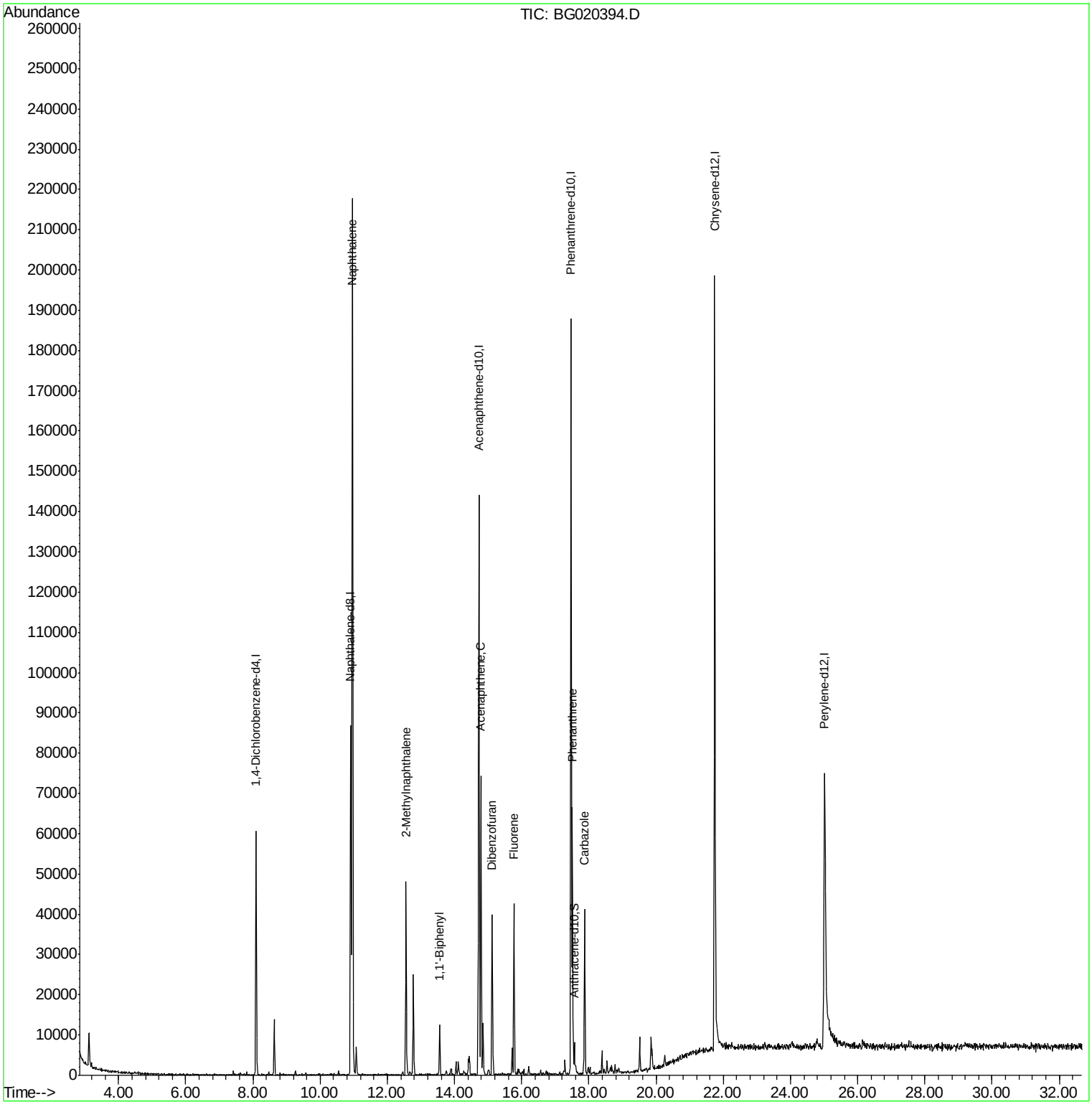
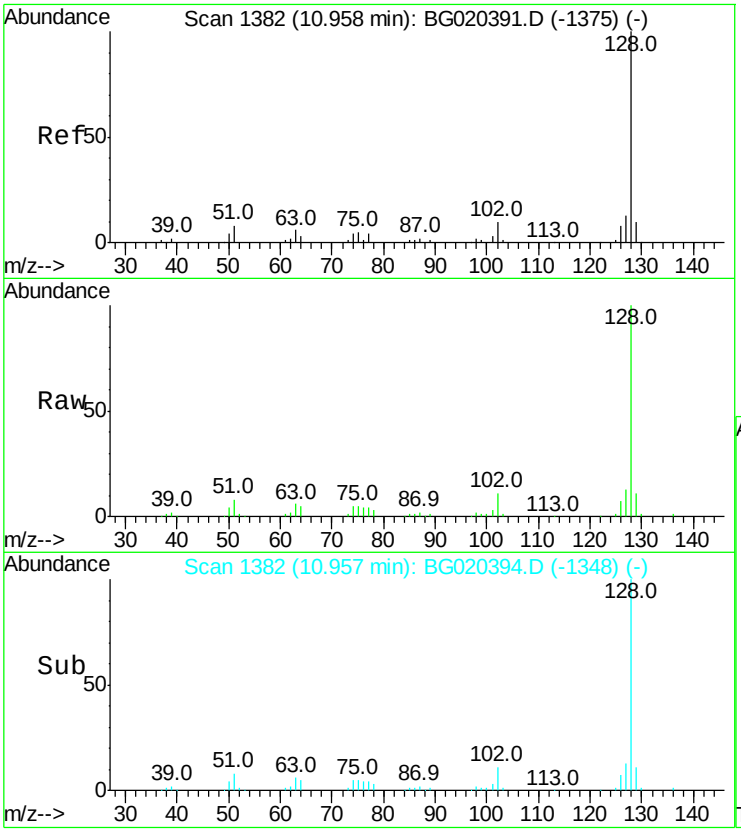


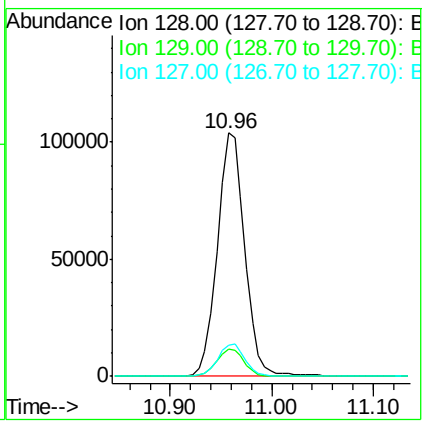


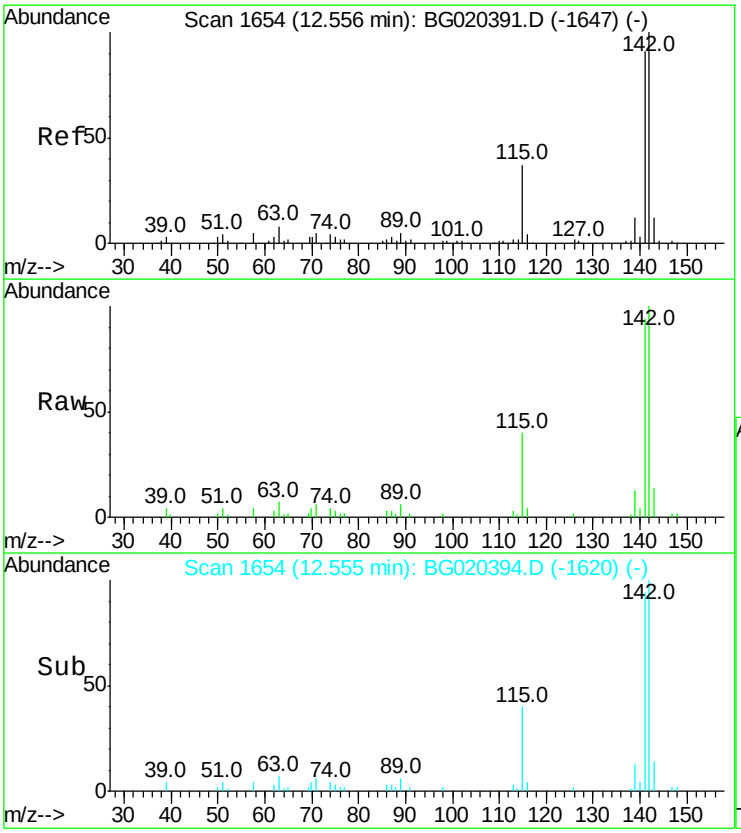
#28
Naphthalene
Concen: 47.55 ng/ul
RT: 10.96 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BG020394.D
Acq: 22 Dec 2015 2:16

Instrument :
BNA_G
ClientSampleId :
D9N43DL

Tgt Ion:128 Resp: 194552

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	12.8
127	12.9	10.1	15.1

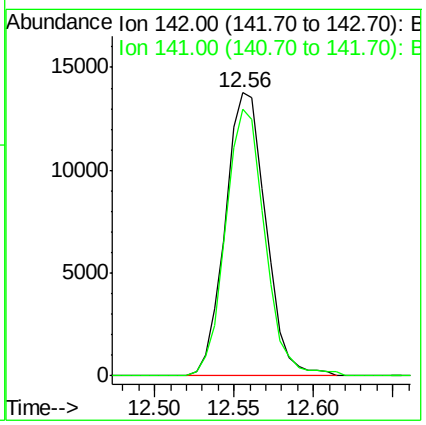


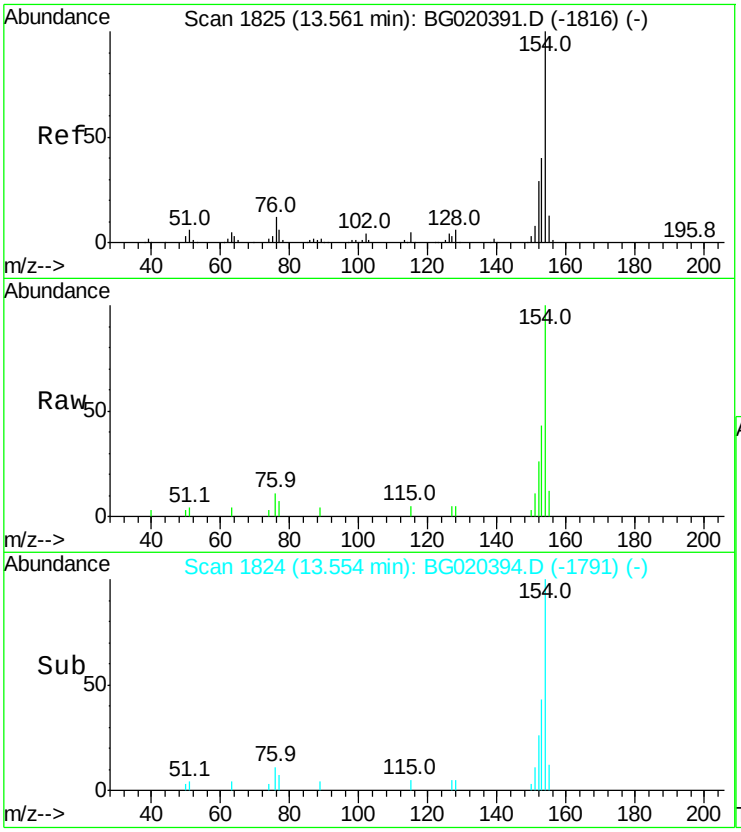


#34
2-Methylnaphthalene
Concen: 7.82 ng/ul
RT: 12.56 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BG020394.D
Acq: 22 Dec 2015 2:16

Tgt Ion:142 Resp: 24447

Ion	Ratio	Lower	Upper
142	100		
141	94.3	74.9	112.3



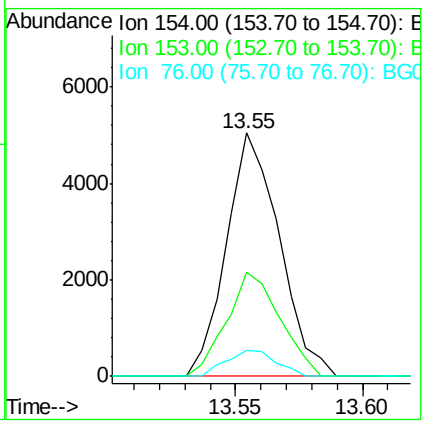


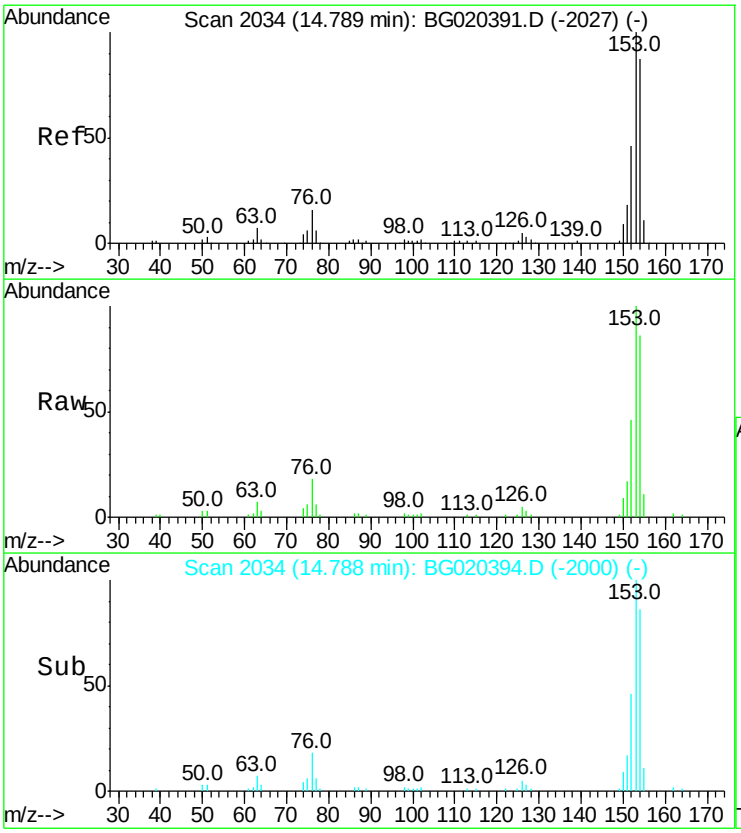
#41
1,1'-Biphenyl
Concen: 1.88 ng/ul
RT: 13.55 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BG020394.D
Acq: 22 Dec 2015 2:16

Instrument :
BNA_G
ClientSampleId :
D9N43DL

Tgt Ion:154 Resp: 7299

Ion	Ratio	Lower	Upper
154	100		
153	42.8	35.5	53.3
76	10.8	10.4	15.6

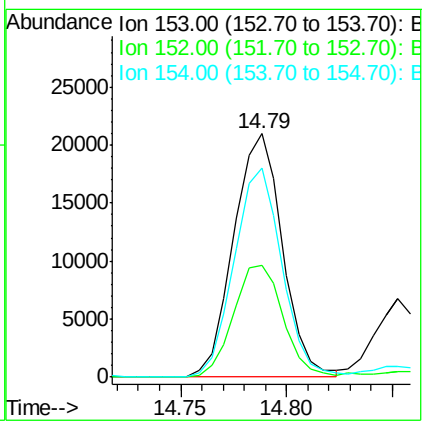


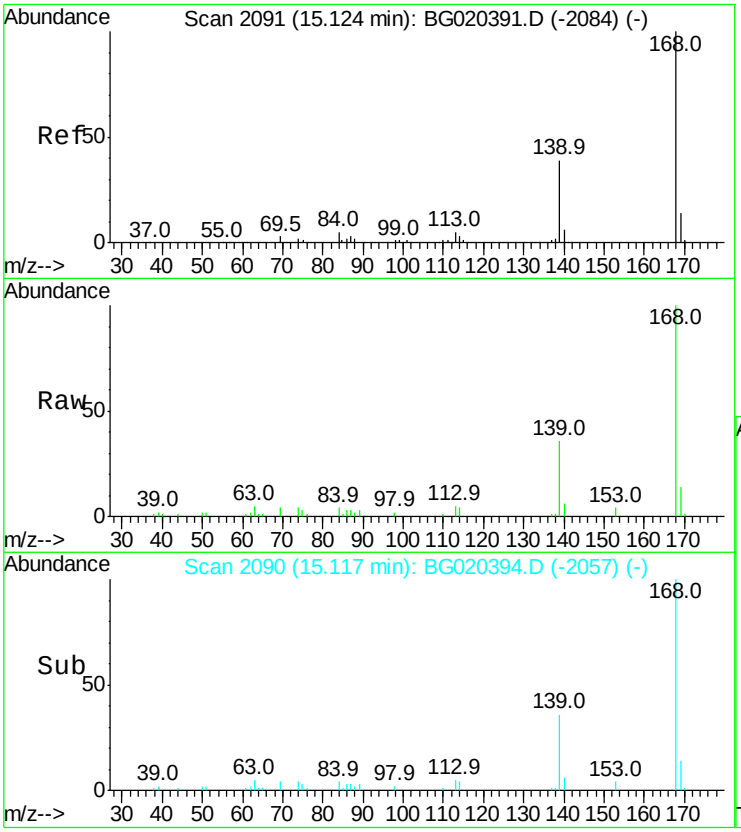


#50
Acenaphthene
Concen: 9.68 ng/ul
RT: 14.79 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BG020394.D
Acq: 22 Dec 2015 2:16

Tgt Ion:153 Resp: 33581

Ion	Ratio	Lower	Upper
153	100		
152	46.1	37.6	56.4
154	85.6	67.9	101.9



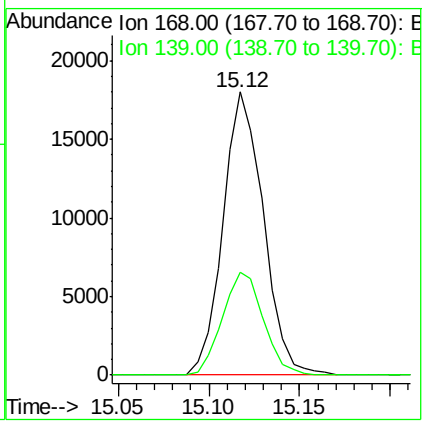


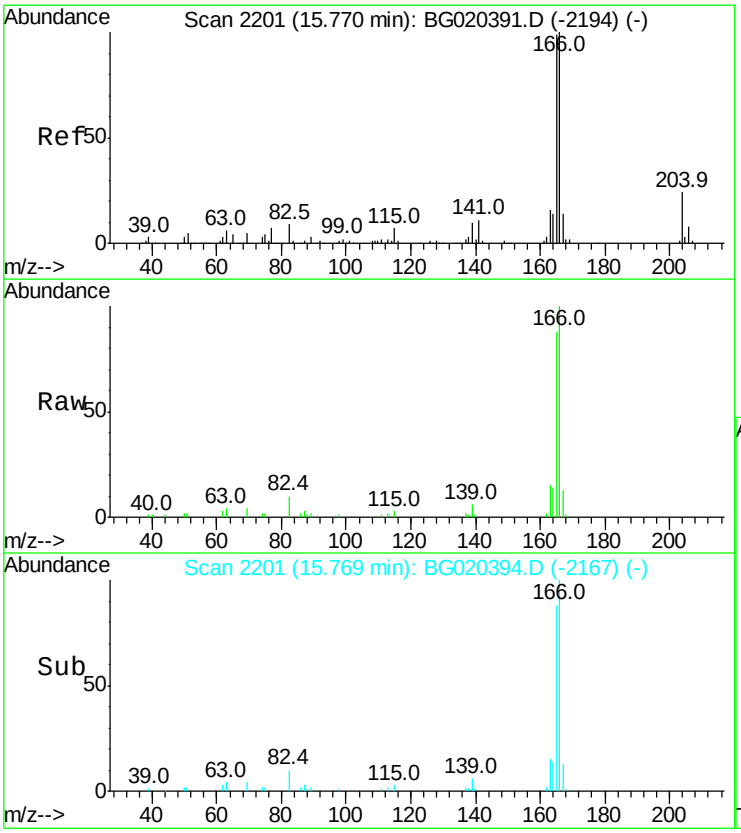
#54
Dibenzofuran
Concen: 5.38 ng/ul
RT: 15.12 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BG020394.D
Acq: 22 Dec 2015 2:16

Instrument :
BNA_G
ClientSampleId :
D9N43DL

Tgt Ion:168 Resp: 27764

Ion	Ratio	Lower	Upper
168	100		
139	36.5	30.5	45.7

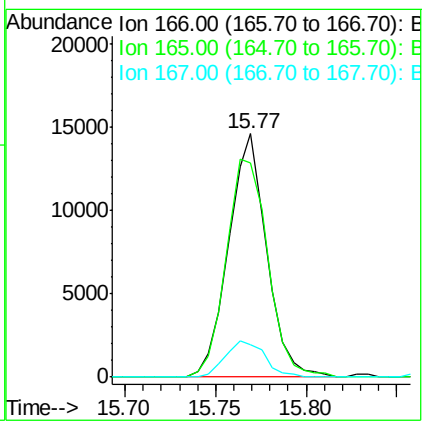


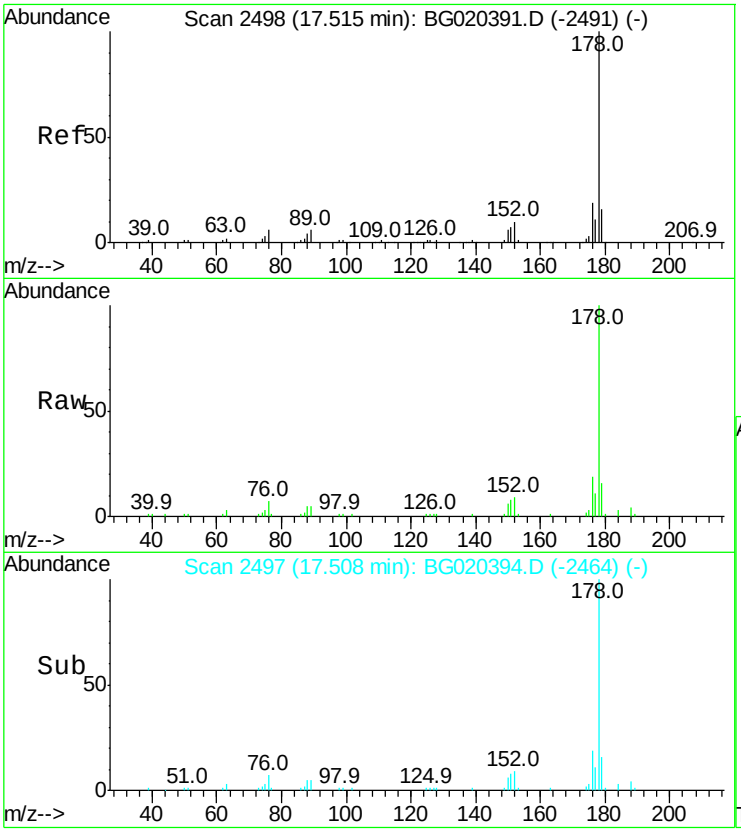


#59
Fluorene
Concen: 5.14 ng/ul
RT: 15.77 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG020394.D
Acq: 22 Dec 2015 2:16

Tgt Ion:166 Resp: 21300

Ion	Ratio	Lower	Upper
166	100		
165	87.7	81.4	122.0
167	13.2	11.2	16.8



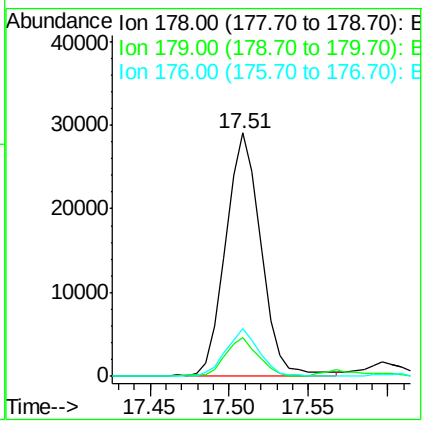


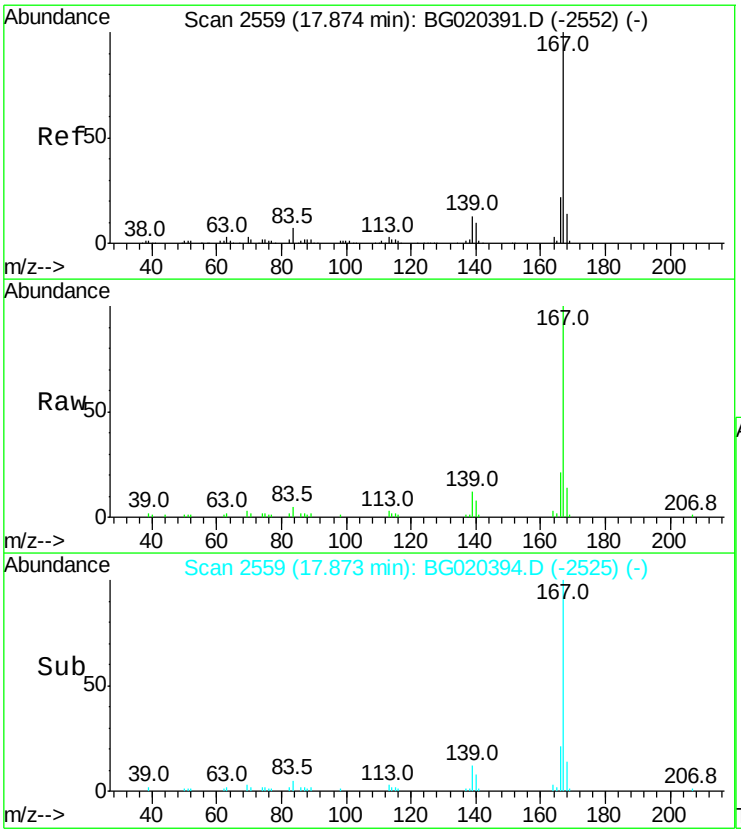
#70
Phenanthrene
Concen: 6.55 ng/ul
RT: 17.51 min Scan# 2497
Delta R.T. -0.01 min
Lab File: BG020394.D
Acq: 22 Dec 2015 2:16

Instrument :
BNA_G
ClientSampleId :
D9N43DL

Tgt Ion:178 Resp: 44875

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.9	19.3
176	19.5	15.3	22.9





#75
Carbazole
Concen: 5.28 ng/ul
RT: 17.87 min Scan# 2559
Delta R.T. -0.00 min
Lab File: BG020394.D
Acq: 22 Dec 2015 2:16

Tgt Ion:167 Resp: 30838

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.0	25.6
139	12.5	10.1	15.1