Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
Data File : BG020444.D
Acq On : 23 Dec 2015 15:29
Operator : UM/SJ
Sample : G4768-21DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N45DL

Quant Time: Dec 23 17:07:29 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	17164	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	71601	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.72	164	51588	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	140019	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	176121	20.00	ng/ul	-0.01
86) Perylene-d12	25.00	264	165060	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	1066	0.70	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.40	67	2929	3.24	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.61	132	3137	2.85	ng/ul	-0.01
13) 4-Methylphenol-d8	8.80	113	2269	1.75	ng/ul	-0.01
19) Nitrobenzene-d5	9.25	128	1757	3.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	2239	3.60	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.52	165	4049	3.22	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.11	166	16918	4.05	ng/ul	-0.01
47) Acenaphthylene-d8	14.41	160	19384	3.99	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.71	176	16145	4.27	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.82	200	1238	1.49	ng/ul	-0.02
71) Anthracene-d10	17.56	188	26690	4.14	ng/ul	-0.01
79) Pyrene-d10	19.84	212	31157	3.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	32787	3.98	ng/ul	-0.02
Target Compounds						Qvalue
28) Naphthalene	10.95	128	128483	34.36	ng/ul	99
34) 2-Methylnaphthalene	12.55	142	17859	6.25	ng/ul	98
41) 1,1'-Biphenyl	13.55	154	5847	1.50	ng/ul	91
50) Acenaphthene	14.78	153	29781	8.58	ng/ul	96
54) Dibenzofuran	15.11	168	21263	4.12	ng/ul	99
59) Fluorene	15.76	166	18338	4.42	ng/ul	98
70) Phenanthrene	17.50	178	41178	5.38	ng/ul	98

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

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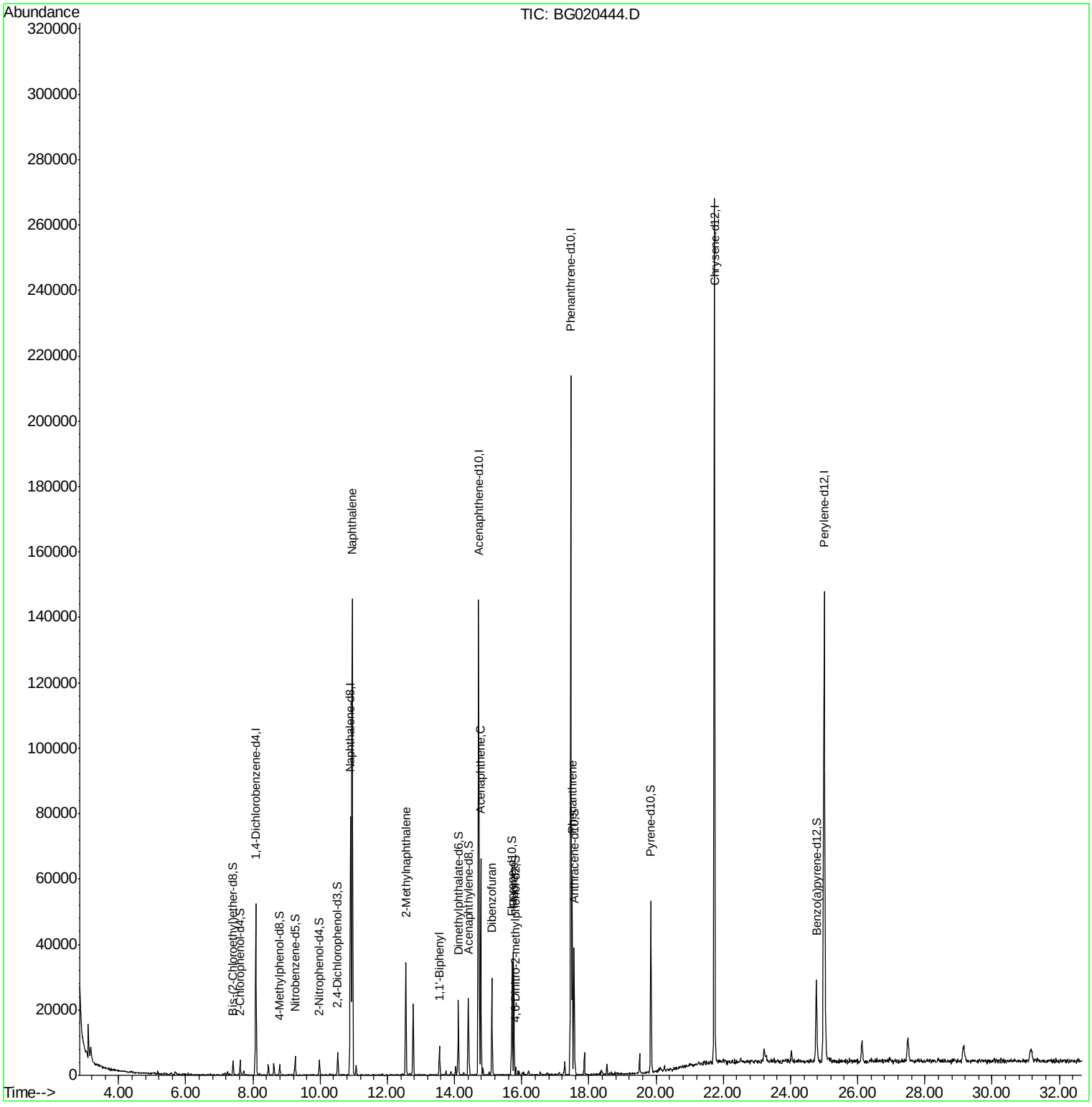
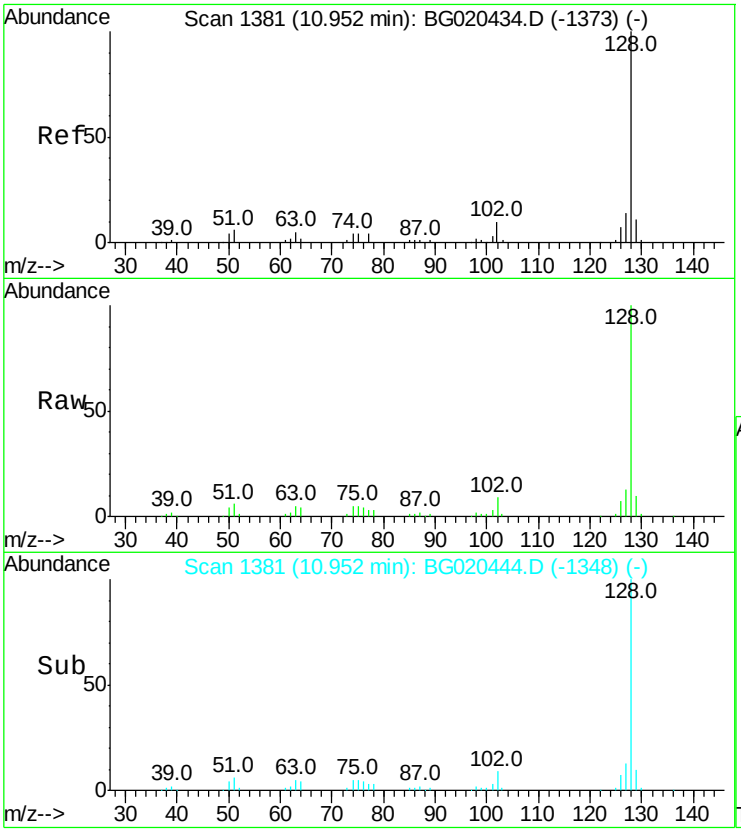


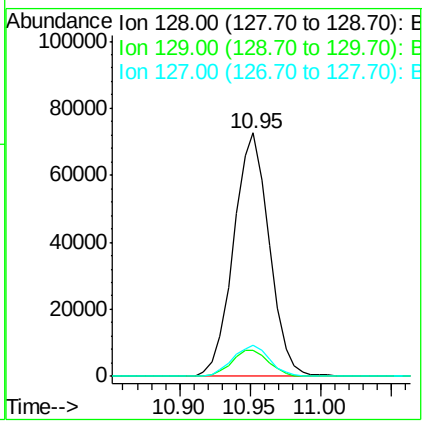


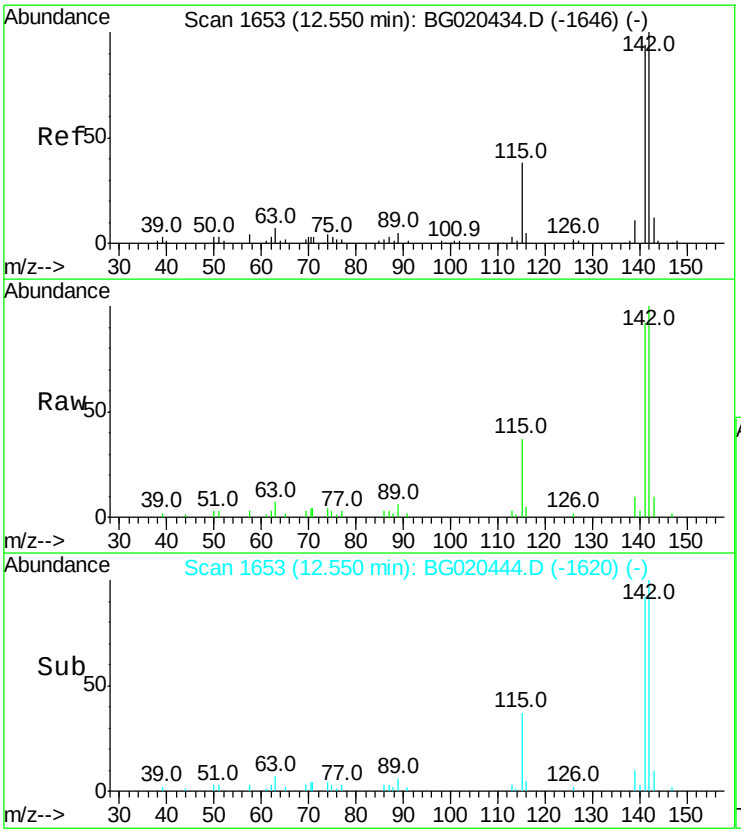
#28
Naphthalene
Concen: 34.36 ng/ul
RT: 10.95 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BG020444.D
Acq: 23 Dec 2015 15:29

Instrument :
BNA_G
ClientSampleId :
D9N45DL

Tgt Ion:128 Resp: 128483

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.6	12.8
127	12.9	10.1	15.1

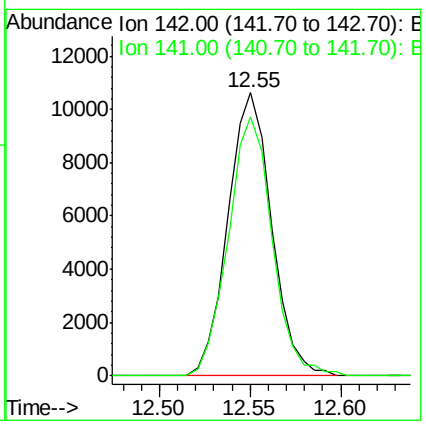


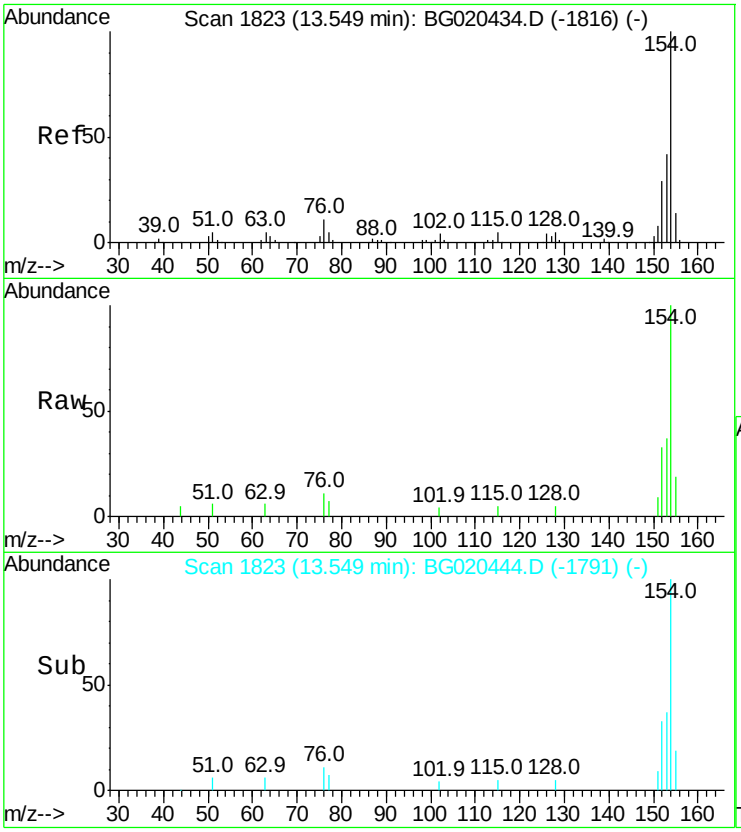


#34
2-Methylnaphthalene
Concen: 6.25 ng/ul
RT: 12.55 min Scan# 1653
Delta R.T. -0.01 min
Lab File: BG020444.D
Acq: 23 Dec 2015 15:29

Tgt Ion:142 Resp: 17859

Ion	Ratio	Lower	Upper
142	100		
141	91.6	74.9	112.3



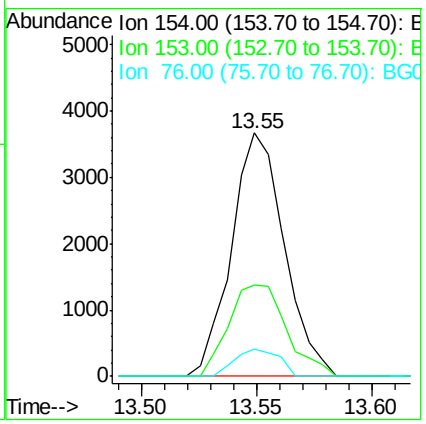


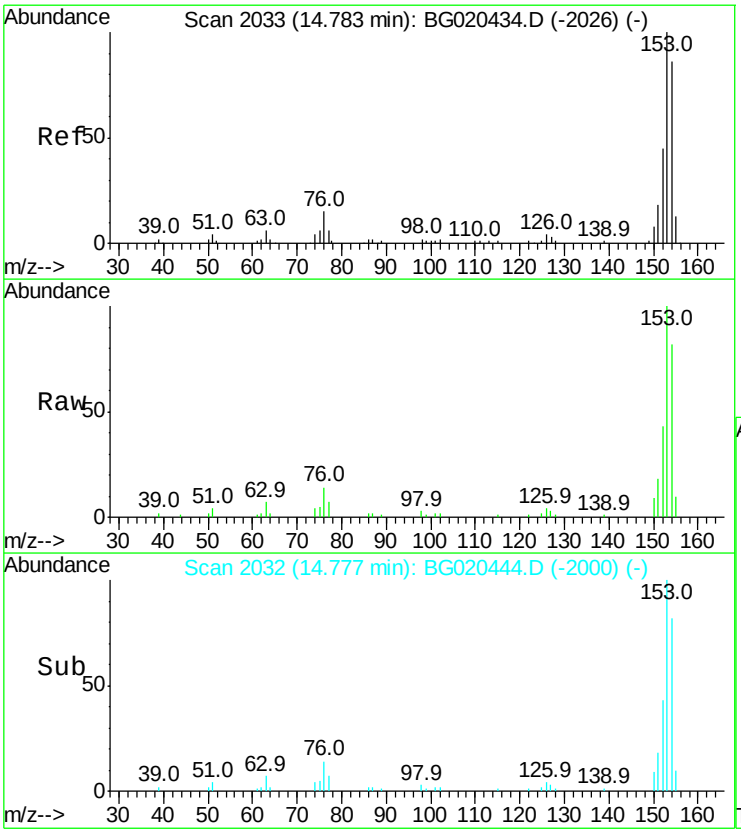
#41
1,1'-Biphenyl
Concen: 1.50 ng/ul
RT: 13.55 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BG020444.D
Acq: 23 Dec 2015 15:29

Instrument :
BNA_G
ClientSampleId :
D9N45DL

Tgt Ion:154 Resp: 5847

Ion	Ratio	Lower	Upper
154	100		
153	37.3	35.5	53.3
76	11.3	10.4	15.6

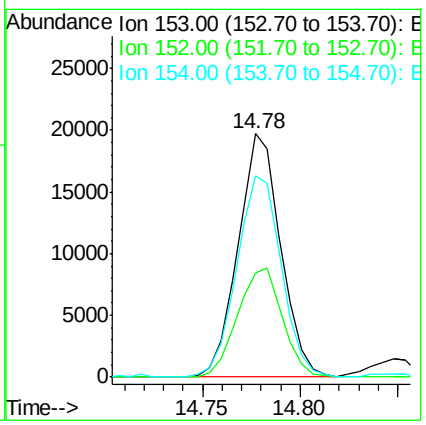


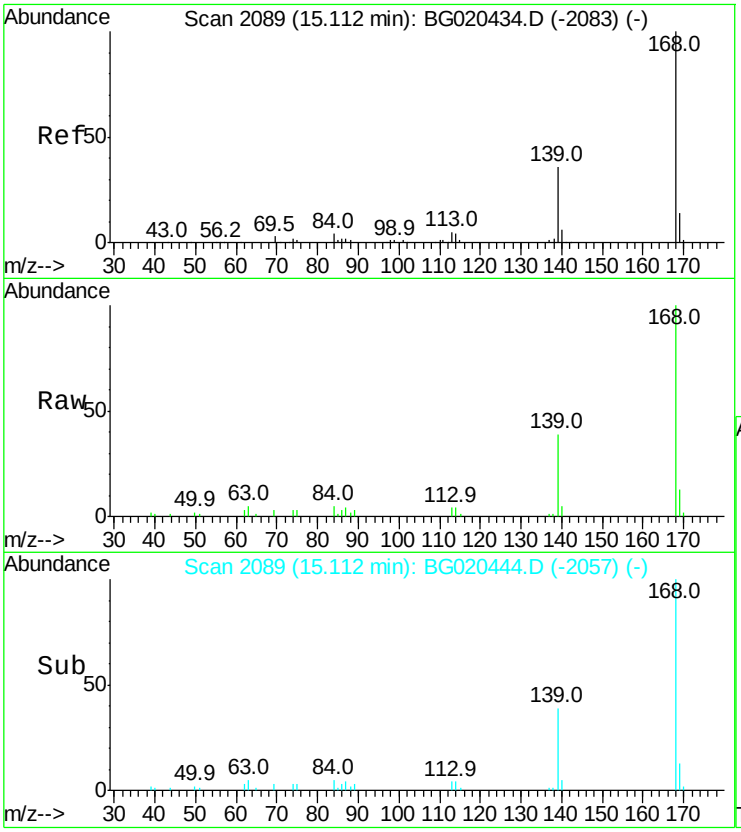


#50
Acenaphthene
Concen: 8.58 ng/ul
RT: 14.78 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG020444.D
Acq: 23 Dec 2015 15:29

Tgt Ion:153 Resp: 29781

Ion	Ratio	Lower	Upper
153	100		
152	42.6	37.6	56.4
154	82.5	67.9	101.9



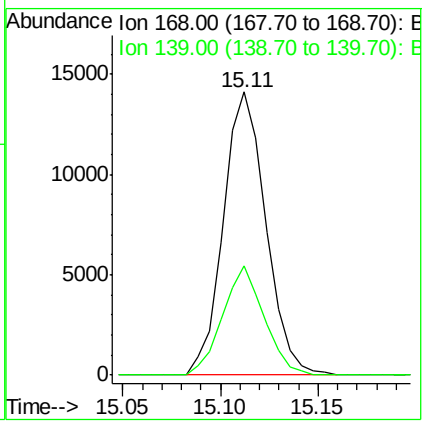


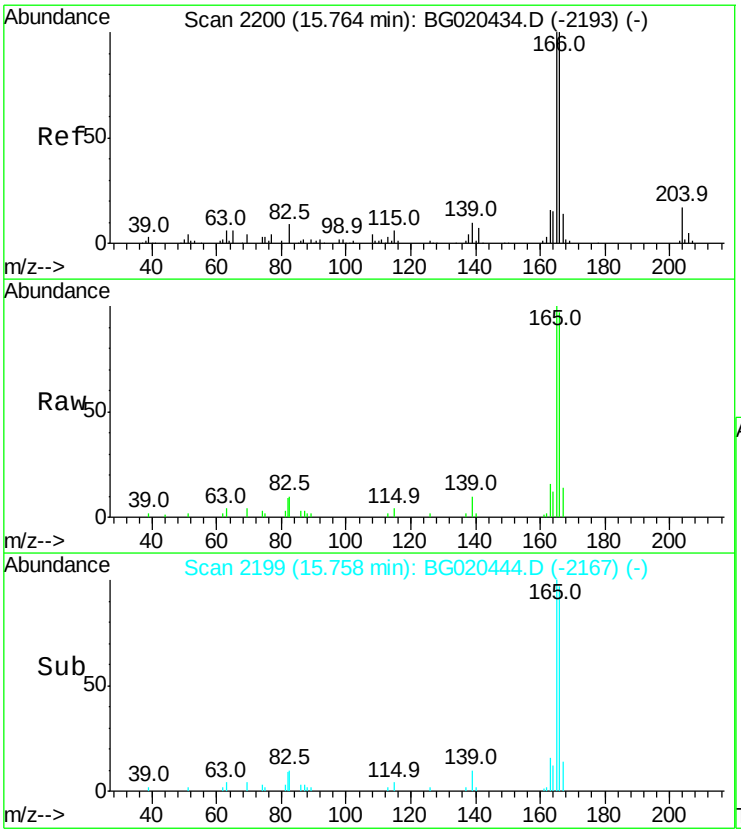
#54
Dibenzofuran
Concen: 4.12 ng/ul
RT: 15.11 min Scan# 2089
Delta R.T. -0.01 min
Lab File: BG020444.D
Acq: 23 Dec 2015 15:29

Instrument :
BNA_G
ClientSampleId :
D9N45DL

Tgt Ion:168 Resp: 21263

Ion	Ratio	Lower	Upper
168	100		
139	38.8	30.5	45.7

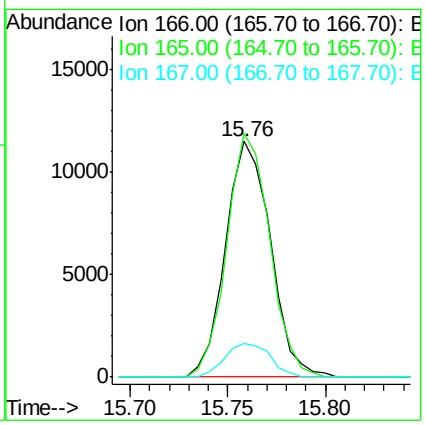


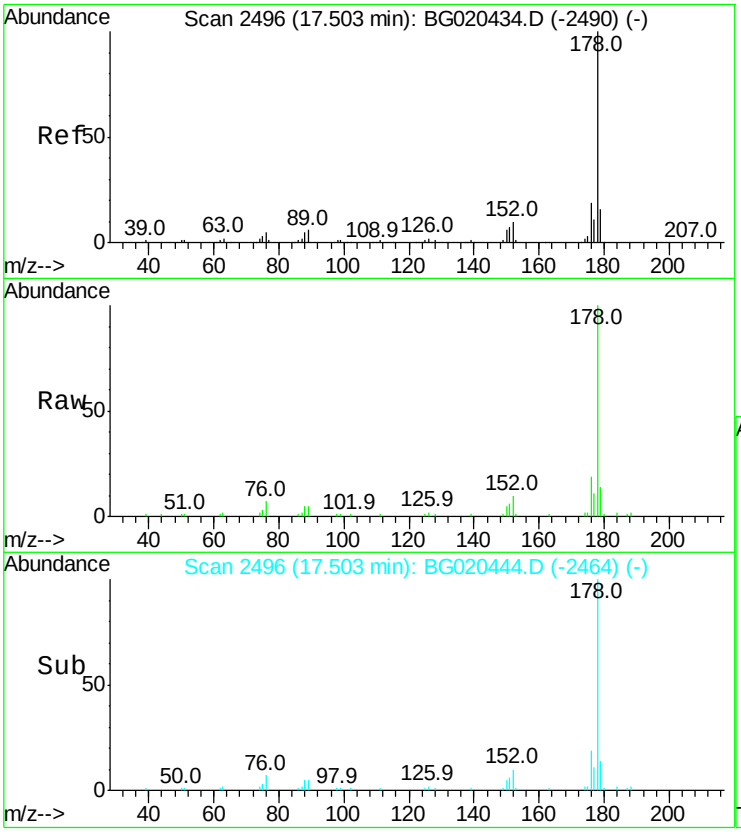


#59
Fluorene
Concen: 4.42 ng/ul
RT: 15.76 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG020444.D
Acq: 23 Dec 2015 15:29

Tgt Ion:166 Resp: 18338

Ion	Ratio	Lower	Upper
166	100		
165	103.3	81.4	122.0
167	14.5	11.2	16.8





#70
Phenanthrene
Concen: 5.38 ng/ul
RT: 17.50 min Scan# 2496
Delta R.T. -0.01 min
Lab File: BG020444.D
Acq: 23 Dec 2015 15:29

Instrument :
BNA_G
ClientSampleId :
D9N45DL

Tgt Ion:178 Resp: 41178

Ion	Ratio	Lower	Upper
178	100		
179	14.3	12.9	19.3
176	18.7	15.3	22.9