Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121515\
Data File : BG020161.D
Acq On : 14 Dec 2015 20:18
Operator : UM/SJ
Sample : G4767-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N33

Quant Time: Dec 15 04:28:19 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 15 04:25:21 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	21572	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	97909	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	74105	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	190253	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	206141	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	192823	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	2301	5.89	ng/uL	0.00
5) Phenol-d5	7.25	99	55251	29.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	34102	30.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	41567	30.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	49762	30.59	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	23244	30.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	27004	31.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	51741	30.08	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	65852	34.08	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	192185	32.06	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	210223	30.14	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	30211	28.10	ng/ul	0.00
58) Fluorene-d10	15.72	176	157060	28.89	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	28724	25.47	ng/ul	0.00
71) Anthracene-d10	17.57	188	252942	28.85	ng/ul	0.00
79) Pyrene-d10	19.85	212	277096	28.84	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	276417	28.74	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.27	94	2039	1.00	ng/ul#	69
34) 2-Methylnaphthalene	12.56	142	5944	1.52	ng/ul	95
45) Dimethylphthalate	14.17	163	77177	12.61	ng/ul	98
50) Acenaphthene	14.79	153	13039	2.62	ng/ul	98
54) Dibenzofuran	15.12	168	14218	1.92	ng/ul	98
59) Fluorene	15.77	166	13494	2.27	ng/ul	98
70) Phenanthrene	17.52	178	58317	5.60	ng/ul	98
77) Fluoranthene	19.51	202	29512	2.43	ng/ul	98
80) Pyrene	19.88	202	20620	1.65	ng/ul#	96

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

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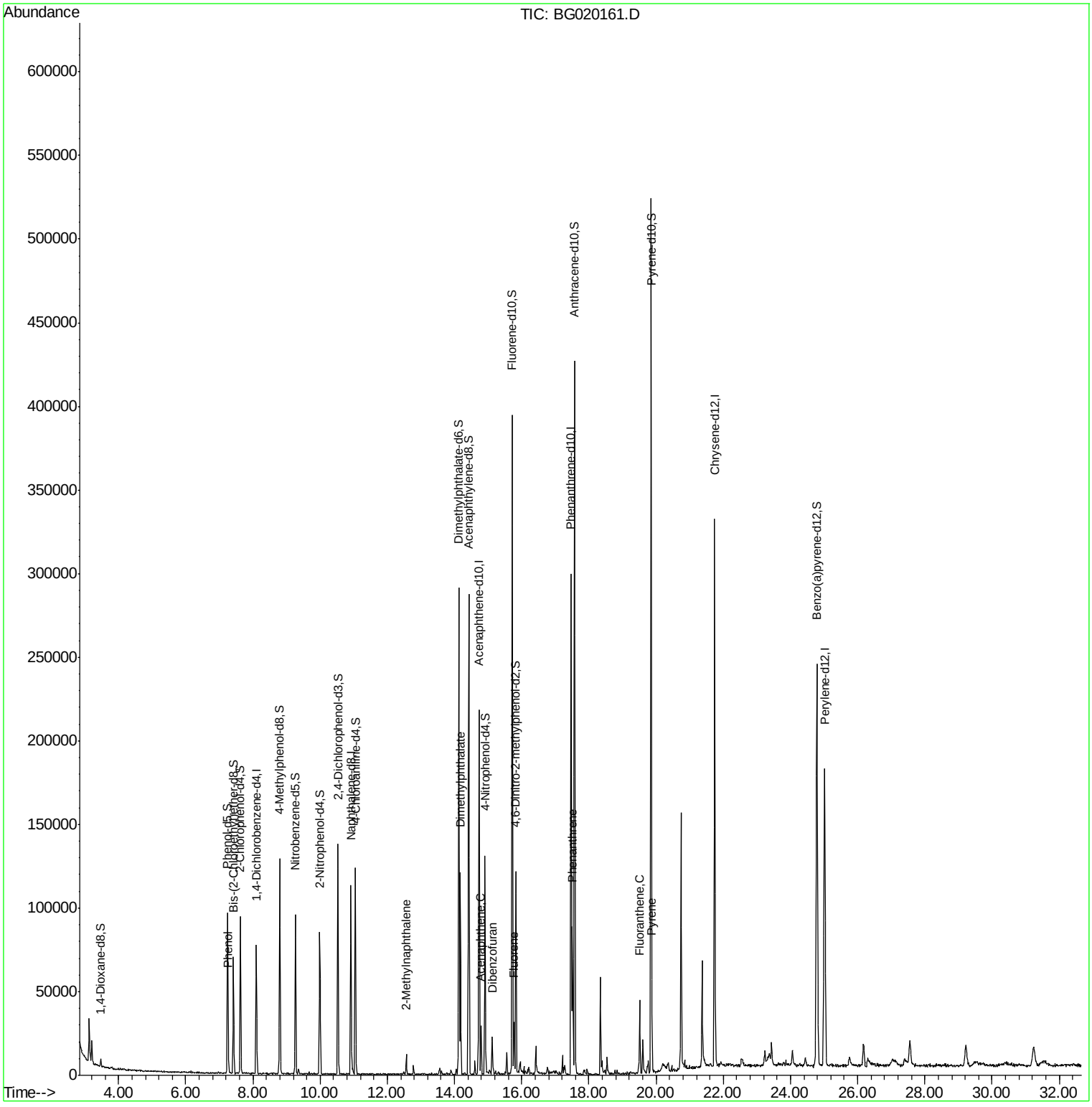
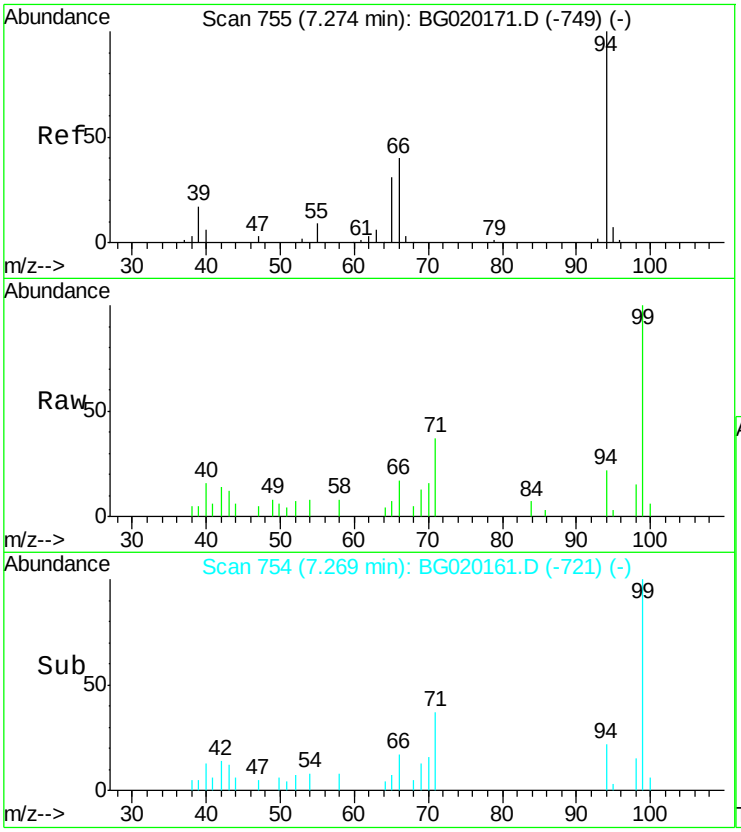


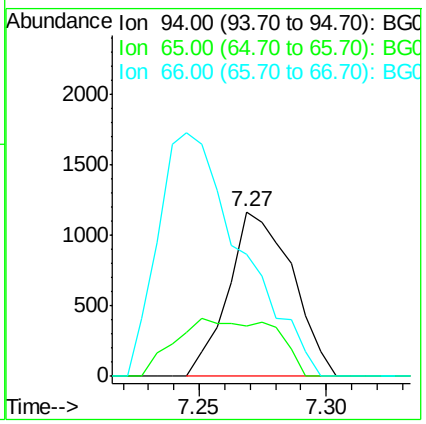


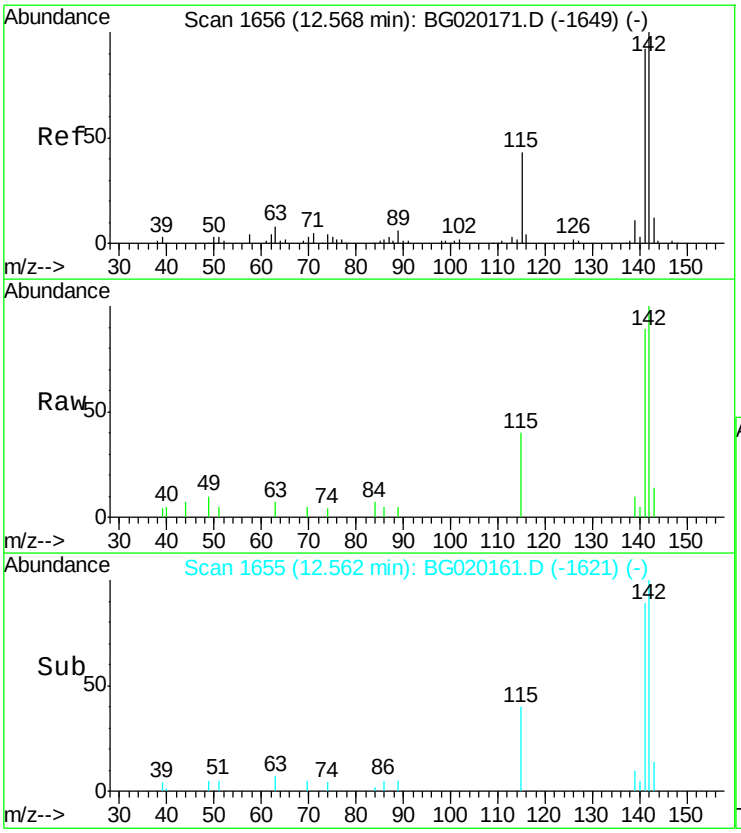
#6
Phenol
Concen: 1.00 ng/ul
RT: 7.27 min Scan# 754
Delta R.T. -0.01 min
Lab File: BG020161.D
Acq: 14 Dec 2015 20:18

Instrument :
BNA_G
ClientSampleId :
D9N33

Tgt Ion: 94 Resp: 2039

Ion	Ratio	Lower	Upper
94	100		
65	30.5	26.3	39.5
66	74.1	33.3	49.9#

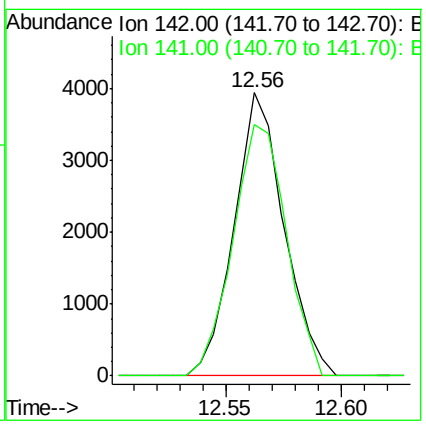


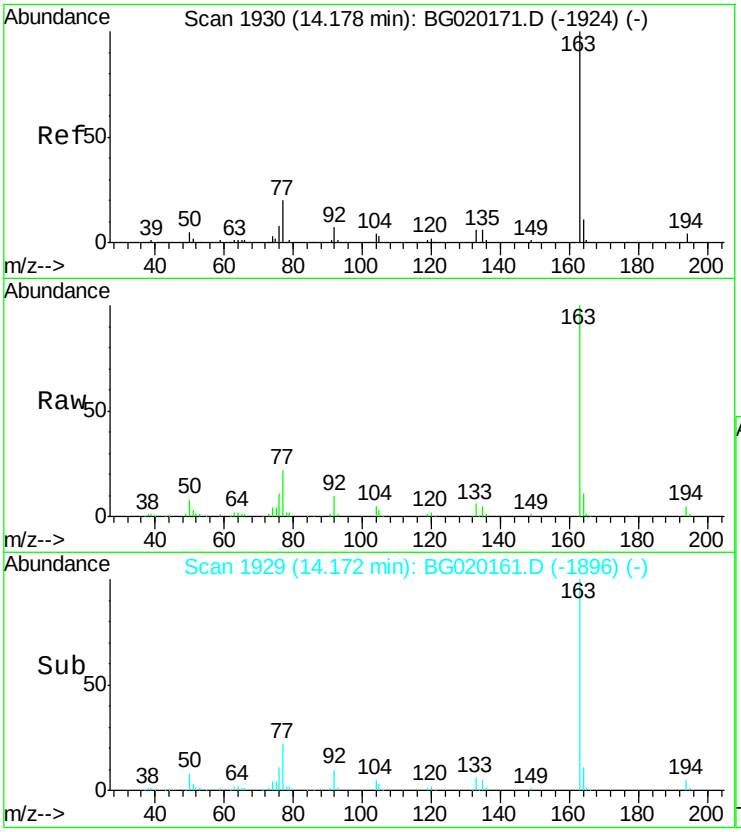


#34
2-Methylnaphthalene
Concen: 1.52 ng/ul
RT: 12.56 min Scan# 1655
Delta R.T. 0.00 min
Lab File: BG020161.D
Acq: 14 Dec 2015 20:18

Tgt Ion:142 Resp: 5944

Ion	Ratio	Lower	Upper
142	100		
141	88.6	74.9	112.3



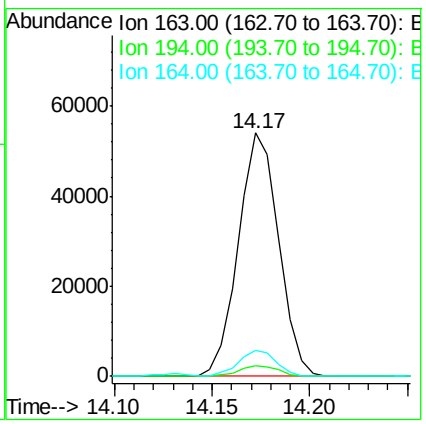


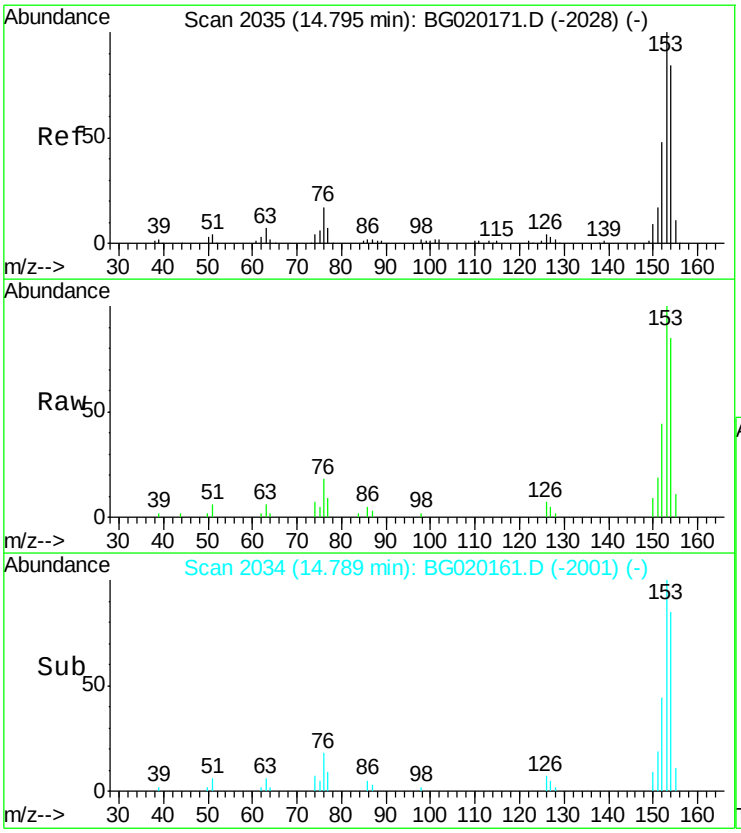
#45
Dimethylphthalate
Concen: 12.61 ng/ul
RT: 14.17 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BG020161.D
Acq: 14 Dec 2015 20:18

Instrument : BNA_G
ClientSampleId : D9N33

Tgt Ion:163 Resp: 77177

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	10.6	7.7	11.5

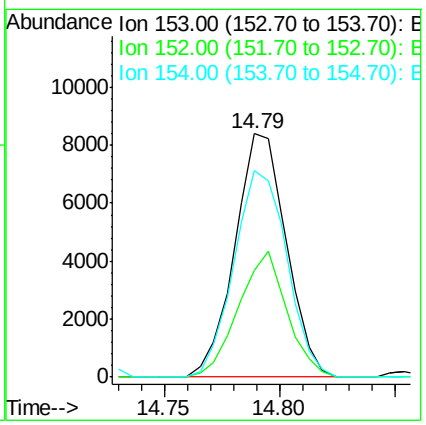


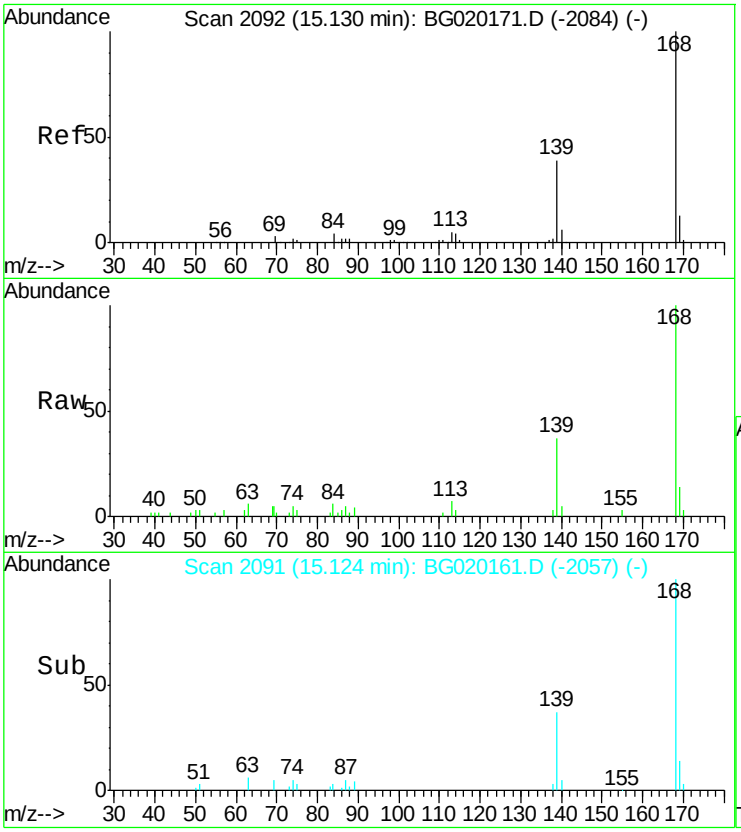


#50
Acenaphthene
Concen: 2.62 ng/ul
RT: 14.79 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BG020161.D
Acq: 14 Dec 2015 20:18

Tgt Ion:153 Resp: 13039

Ion	Ratio	Lower	Upper
153	100		
152	43.9	37.6	56.4
154	84.8	67.9	101.9



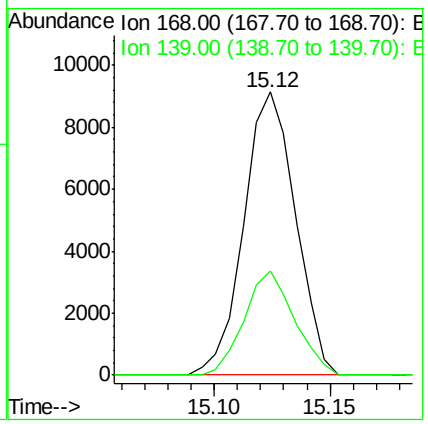


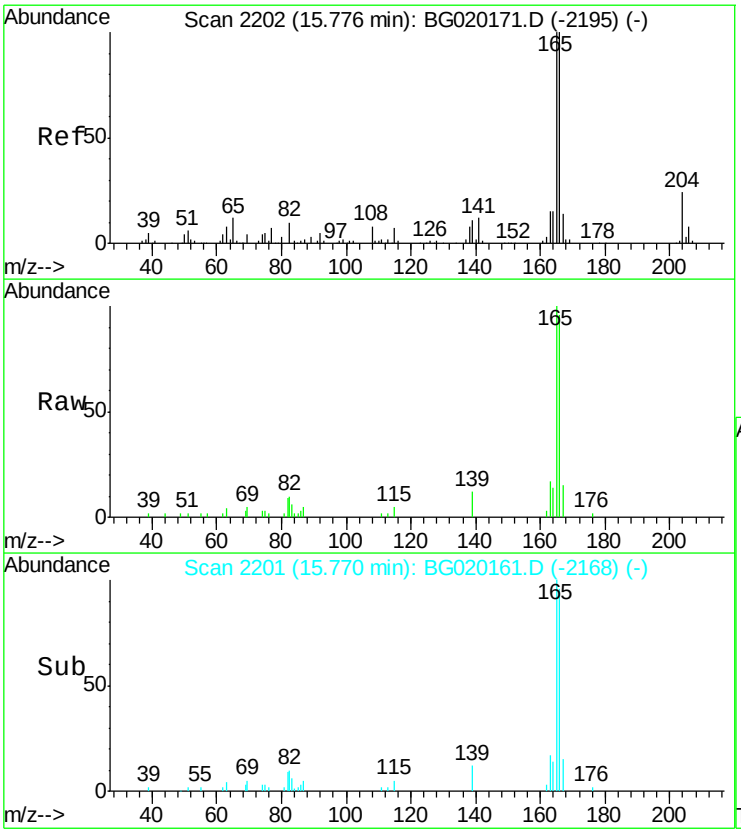
#54
Dibenzofuran
Concen: 1.92 ng/ul
RT: 15.12 min Scan# 2091
Delta R.T. 0.00 min
Lab File: BG020161.D
Acq: 14 Dec 2015 20:18

Instrument :
BNA_G
ClientSampleId :
D9N33

Tgt Ion:168 Resp: 14218

Ion	Ratio	Lower	Upper
168	100		
139	37.0	30.5	45.7

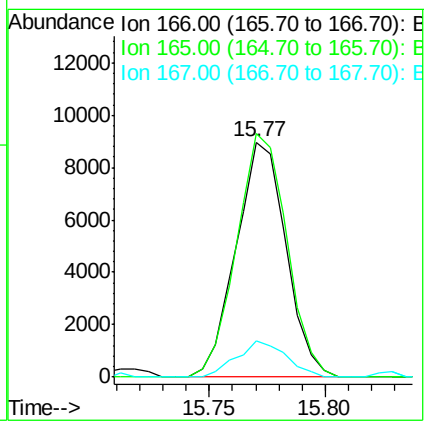


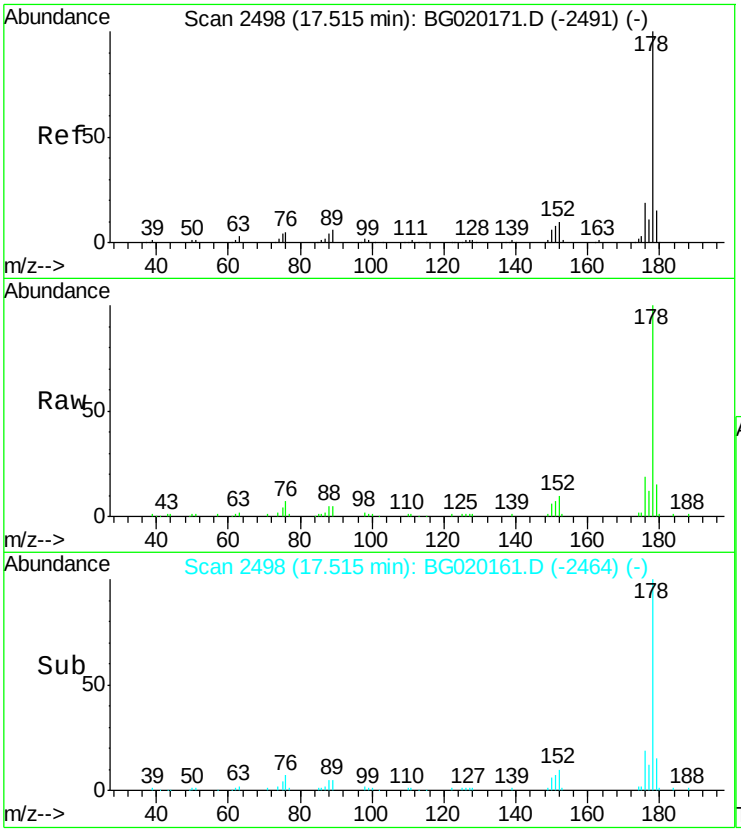


#59
Fluorene
Concen: 2.27 ng/ul
RT: 15.77 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG020161.D
Acq: 14 Dec 2015 20:18

Tgt Ion:166 Resp: 13494

Ion	Ratio	Lower	Upper
166	100		
165	103.7	81.4	122.0
167	15.4	11.2	16.8



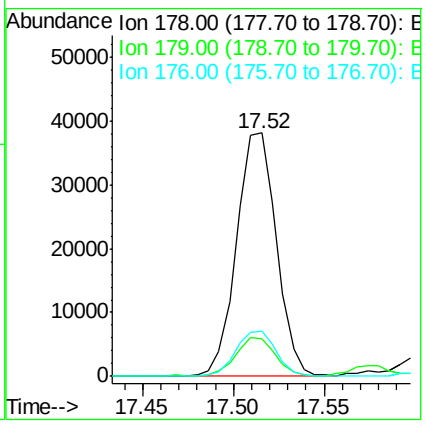


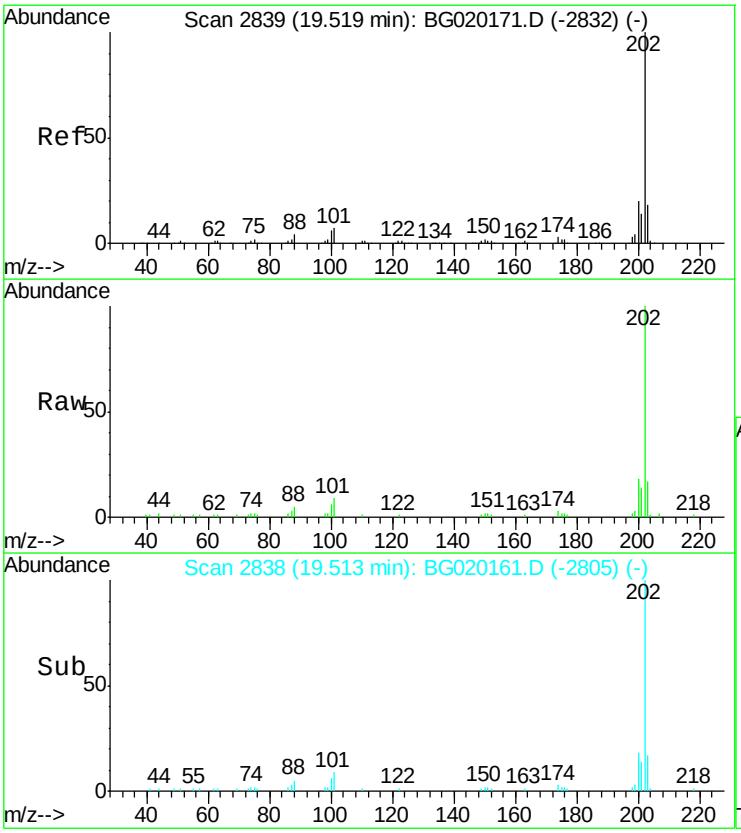
#70
Phenanthrene
Concen: 5.60 ng/ul
RT: 17.52 min Scan# 2498
Delta R.T. 0.00 min
Lab File: BG020161.D
Acq: 14 Dec 2015 20:18

Instrument :
BNA_G
ClientSampleId :
D9N33

Tgt Ion:178 Resp: 58317

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.9	19.3
176	18.7	15.3	22.9

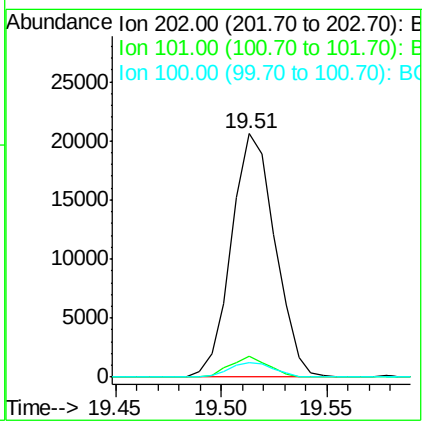


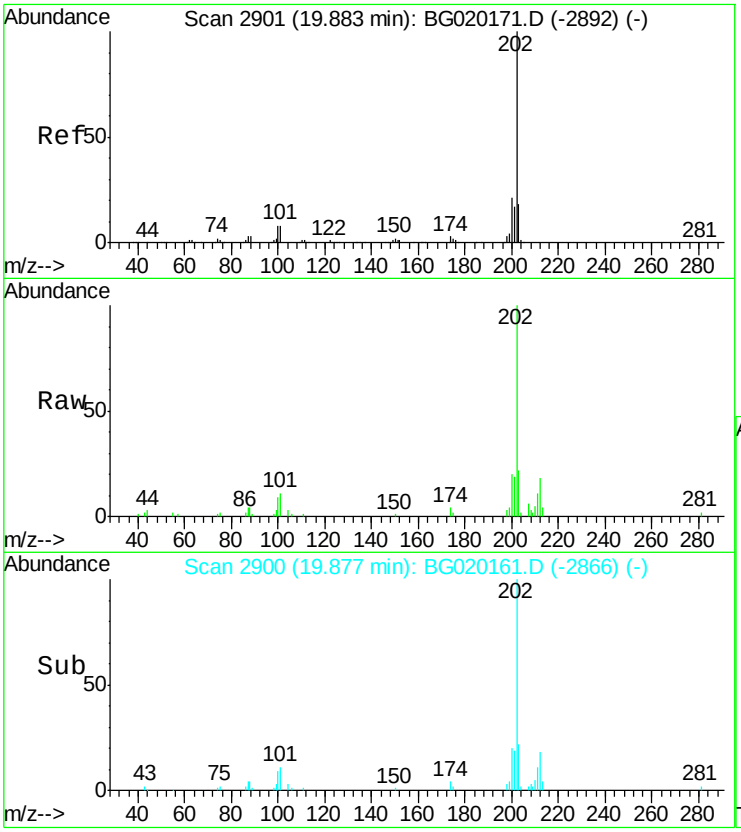


#77
Fluoranthene
Concen: 2.43 ng/ul
RT: 19.51 min Scan# 2838
Delta R.T. -0.01 min
Lab File: BG020161.D
Acq: 14 Dec 2015 20:18

Tgt Ion:202 Resp: 29512

Ion	Ratio	Lower	Upper
202	100		
101	8.6	6.2	9.4
100	5.8	5.1	7.7





#80
Pyrene
Concen: 1.65 ng/ul
RT: 19.88 min Scan# 2900
Delta R.T. 0.00 min
Lab File: BG020161.D
Acq: 14 Dec 2015 20:18

Instrument :
BNA_G
ClientSampleId :
D9N33

Tgt Ion:202 Resp: 20620

Ion	Ratio	Lower	Upper
202	100		
101	10.8	7.0	10.4#
100	8.5	6.4	9.6