Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092215\
Data File : BG018836.D
Acq On : 23 Sep 2015 3:32
Operator : UM/NP
Sample : G3758-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAC9

Quant Time: Sep 23 08:43:48 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 23 07:13:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	60397	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	258602	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.63	164	155587	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.37	188	352670	20.00	ng/ul	0.00
78) Chrysene-d12	21.62	240	450483	20.00	ng/ul	0.00
86) Perylene-d12	24.81	264	466518	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	6942	5.53	ng/uL	0.00
5) Phenol-d5	7.16	99	150370	30.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	107200	37.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	126949	33.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.70	113	122771	30.51	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	66047	33.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.88	143	76930	39.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.42	165	130272	31.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.93	131	218132	45.20	ng/ul	0.00
44) Dimethylphthalate-d6	14.03	166	382678	30.56	ng/ul	0.00
47) Acenaphthylene-d8	14.32	160	491385	33.12	ng/ul	0.00
52) 4-Nitrophenol-d4	14.82	143	81620	33.97	ng/ul	0.00
58) Fluorene-d10	15.62	176	336864	30.77	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.73	200	38892	23.30	ng/ul	0.00
71) Anthracene-d10	17.47	188	515222	33.18	ng/ul	0.00
79) Pyrene-d10	19.75	212	590918	28.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.59	264	662810	29.19	ng/ul	0.00
Target Compounds						Qvalue
24) 2,4-Dimethylphenol	10.02	107	14784	3.21	ng/ul	85
34) 2-Methylnaphthalene	12.46	142	40330	4.15	ng/ul	95
35) 1-Methylnaphthalene	12.68	142	56879	6.11	ng/ul#	97
41) 1,1'-Biphenyl	13.46	154	19212	1.63	ng/ul	92
45) Dimethylphthalate	14.08	163	180393	14.86	ng/ul#	89
59) Fluorene	15.68	166	42360	3.36	ng/ul#	85
70) Phenanthrene	17.41	178	108451	6.05	ng/ul#	87

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

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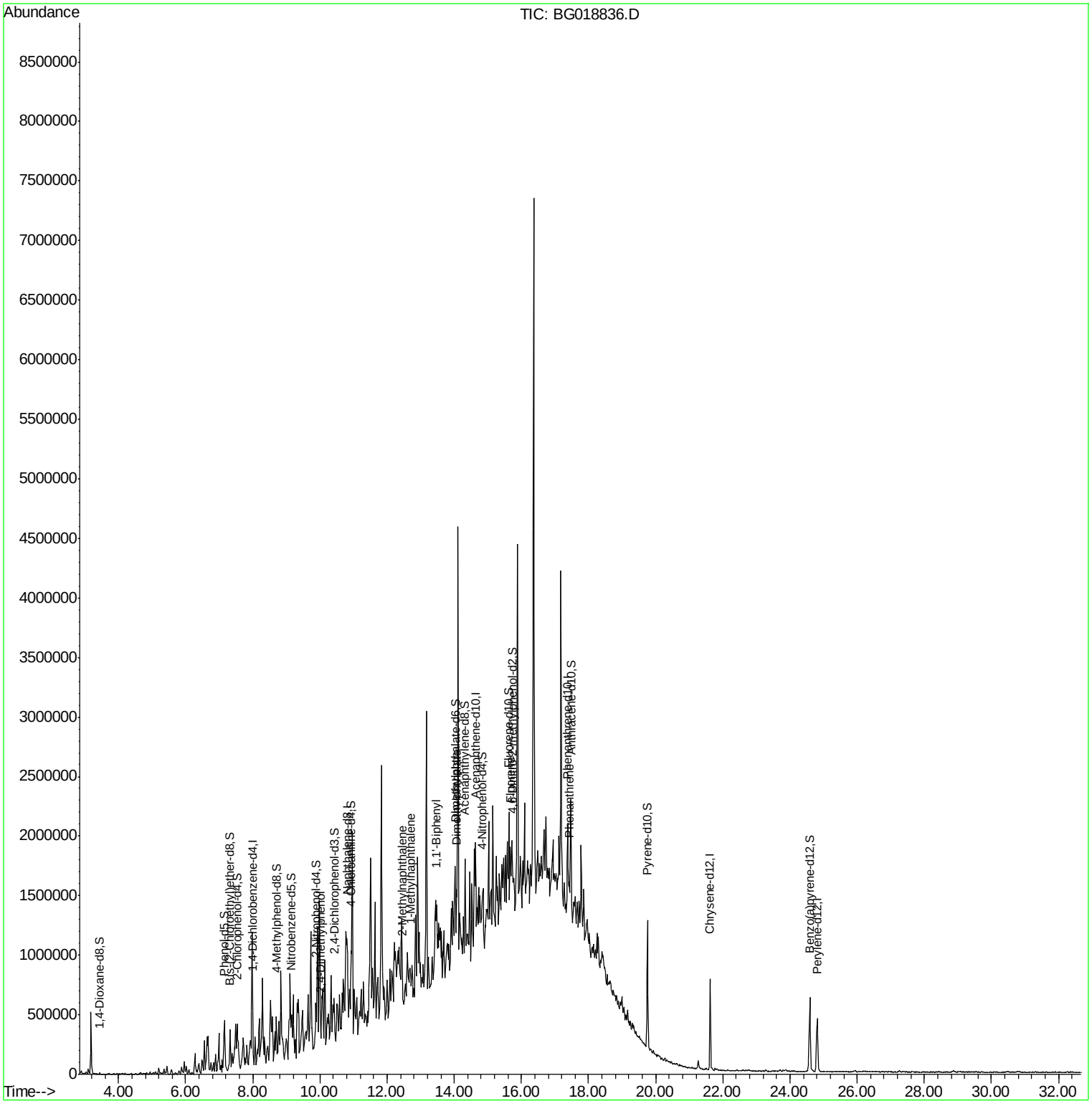
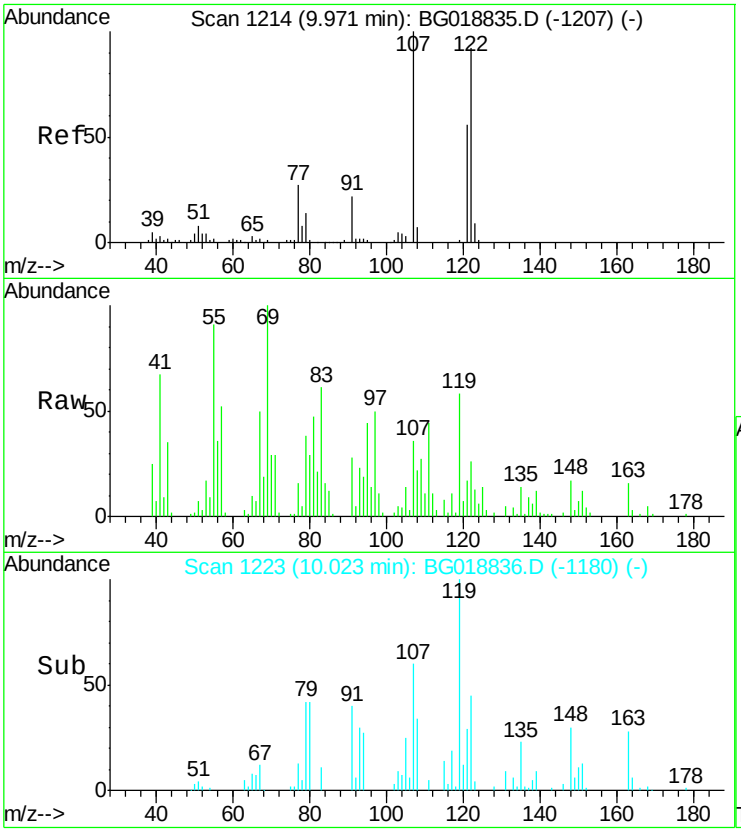


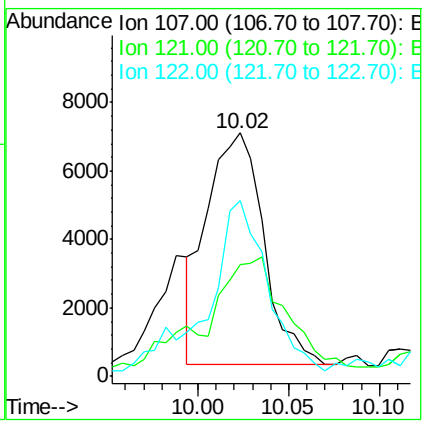


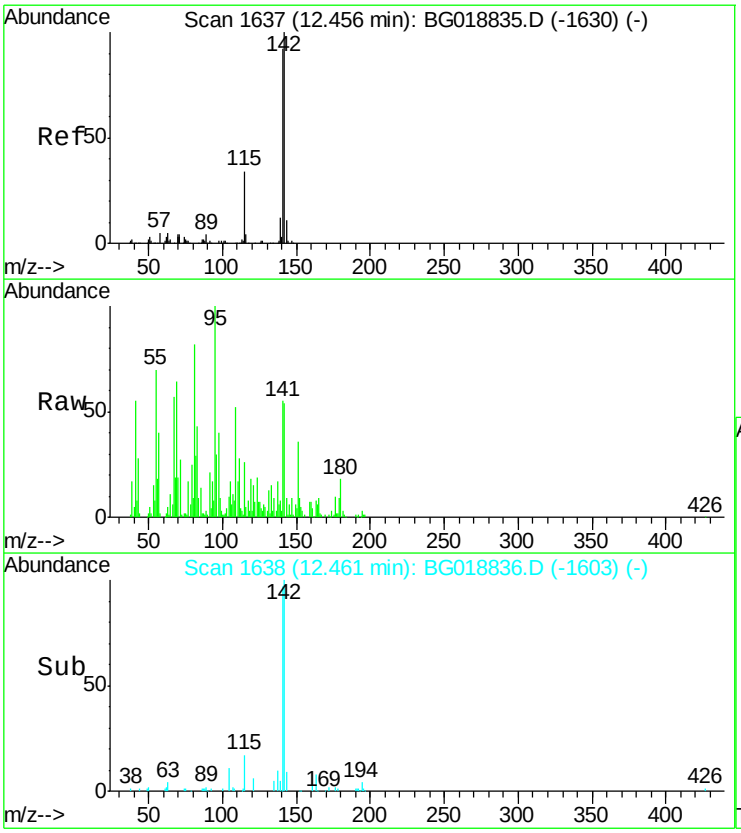
#24
2,4-Dimethylphenol
Concen: 3.21 ng/ul
RT: 10.02 min Scan# 1223
Delta R.T. 0.05 min
Lab File: BG018836.D
Acq: 23 Sep 2015 3:32

Instrument :
BNA_G
ClientSampleId :
JHAC9

Tgt Ion:107 Resp: 14784

Ion	Ratio	Lower	Upper
107	100		
121	46.1	41.3	61.9
122	72.3	71.9	107.9

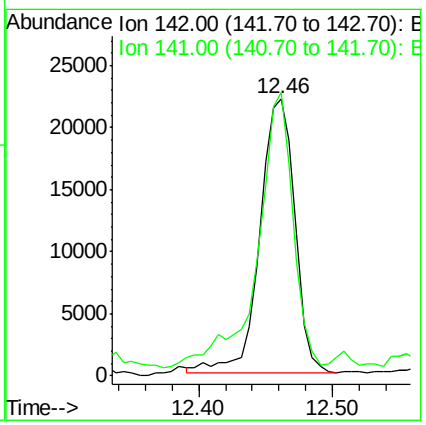


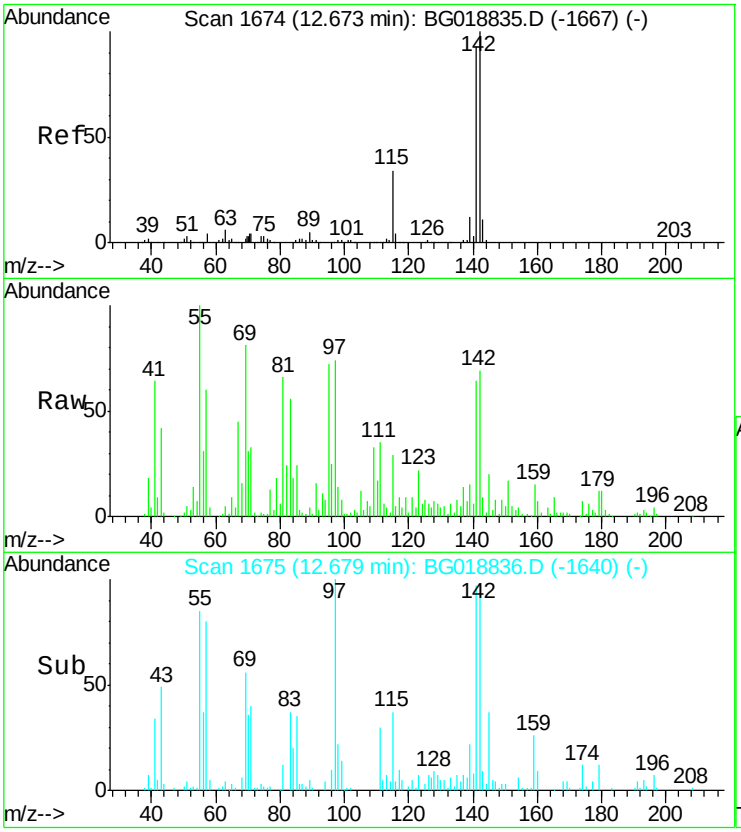


#34
2-Methylnaphthalene
Concen: 4.15 ng/ul
RT: 12.46 min Scan# 1638
Delta R.T. 0.01 min
Lab File: BG018836.D
Acq: 23 Sep 2015 3:32

Tgt Ion:142 Resp: 40330

Ion	Ratio	Lower	Upper
142	100		
141	102.0	78.0	117.0



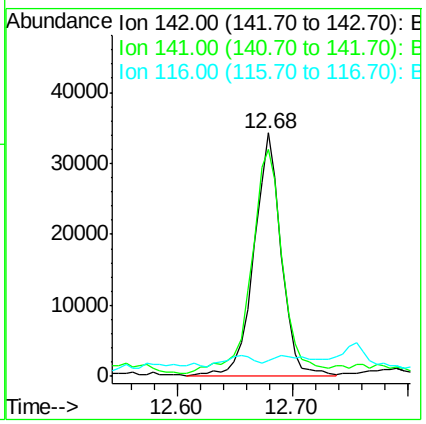


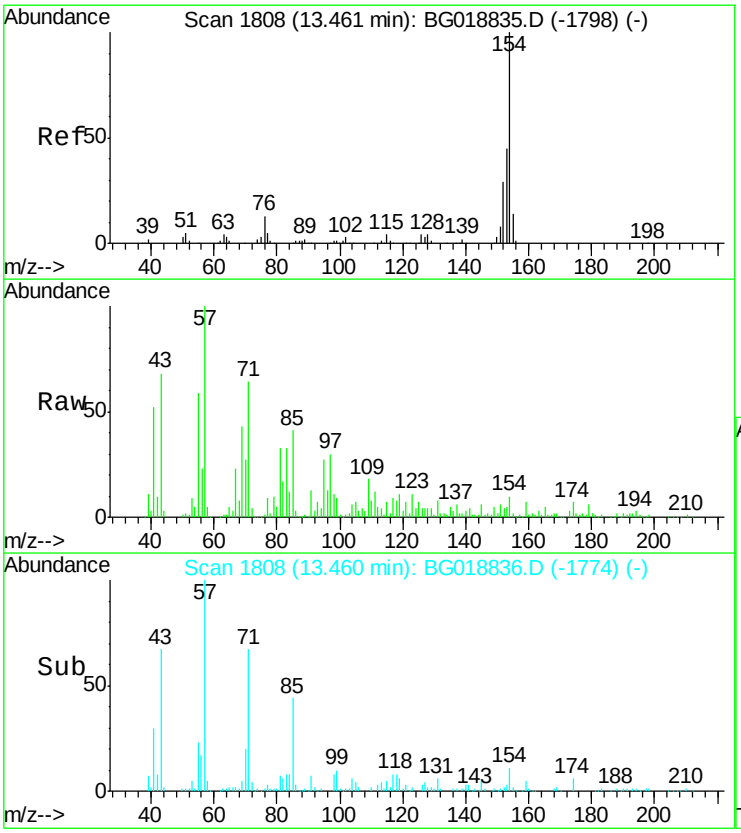
#35
1-Methylnaphthalene
Concen: 6.11 ng/ul
RT: 12.68 min Scan# 1675
Delta R.T. 0.01 min
Lab File: BG018836.D
Acq: 23 Sep 2015 3:32

Instrument :
BNA_G
ClientSampleId :
JHAC9

Tgt Ion:142 Resp: 56879

Ion	Ratio	Lower	Upper
142	100		
141	93.4	77.1	115.7
116	6.5	3.5	5.3#

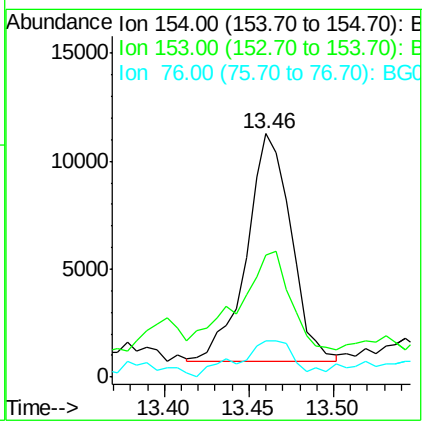


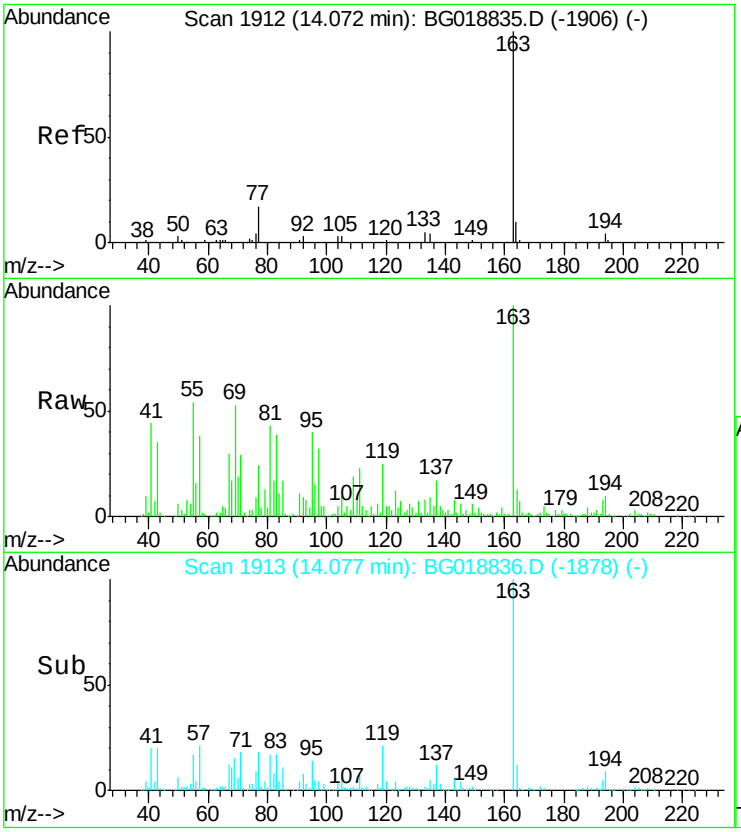


#41
1,1'-Biphenyl
Concen: 1.63 ng/ul
RT: 13.46 min Scan# 1808
Delta R.T. -0.00 min
Lab File: BG018836.D
Acq: 23 Sep 2015 3:32

Tgt Ion:154 Resp: 19212

Ion	Ratio	Lower	Upper
154	100		
153	50.3	35.2	52.8
76	14.9	10.6	16.0



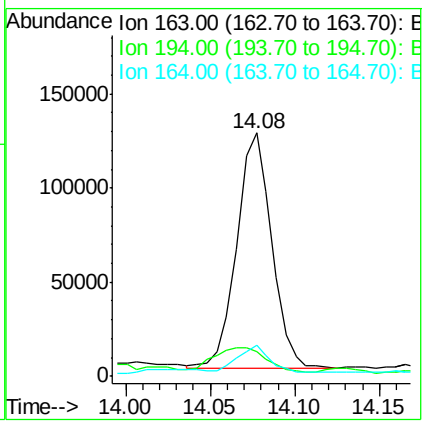


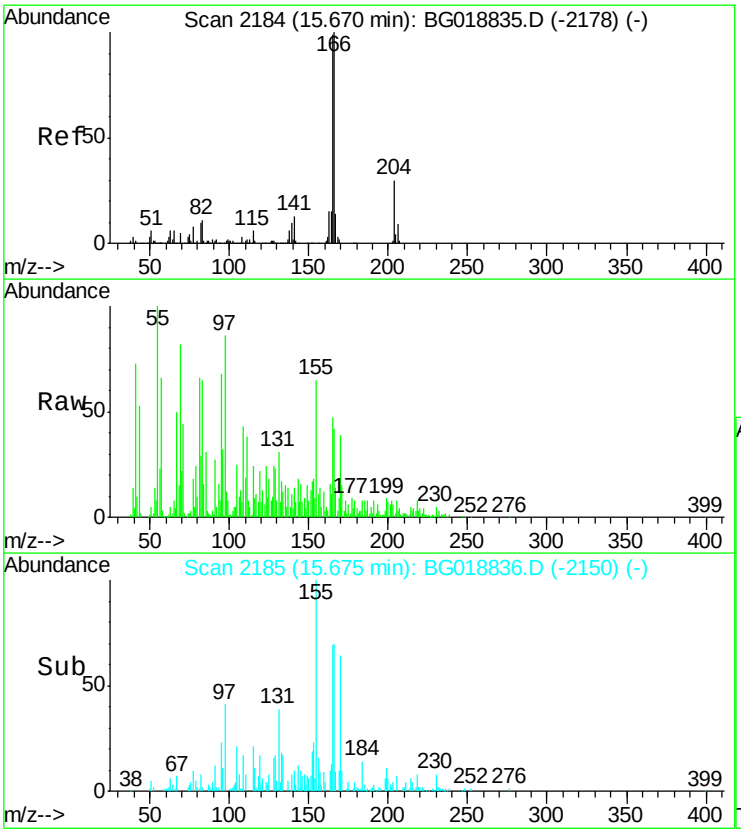
#45
Dimethylphthalate
Concen: 14.86 ng/ul
RT: 14.08 min Scan# 1913
Delta R.T. 0.01 min
Lab File: BG018836.D
Acq: 23 Sep 2015 3:32

Instrument :
BNA_G
ClientSampleId :
JHAC9

Tgt Ion:163 Resp: 180393

Ion	Ratio	Lower	Upper
163	100		
194	10.1	2.9	4.3#
164	12.6	7.7	11.5#

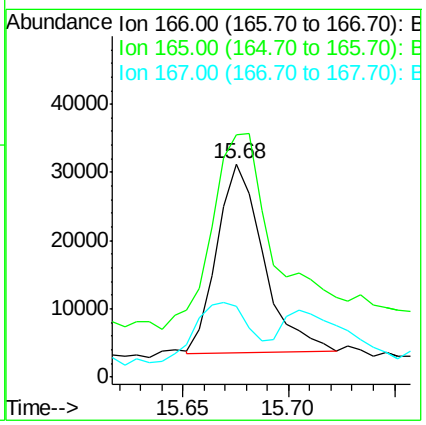


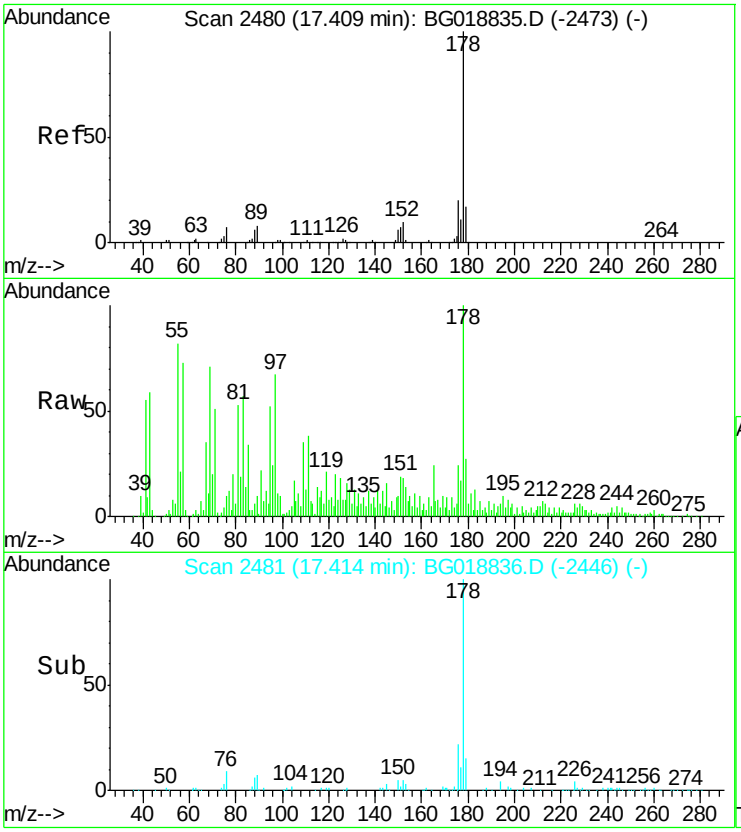


#59
Fluorene
Concen: 3.36 ng/ul
RT: 15.68 min Scan# 2185
Delta R.T. 0.01 min
Lab File: BG018836.D
Acq: 23 Sep 2015 3:32

Tgt Ion:166 Resp: 42360

Ion	Ratio	Lower	Upper
166	100		
165	113.9	82.6	124.0
167	33.0	11.4	17.0#





#70
Phenanthrene
Concen: 6.05 ng/ul
RT: 17.41 min Scan# 2481
Delta R.T. 0.01 min
Lab File: BG018836.D
Acq: 23 Sep 2015 3:32

Instrument :
BNA_G
ClientSampleId :
JHAC9

Tgt Ion:178 Resp: 108451

Ion	Ratio	Lower	Upper
178	100		
179	26.8	13.7	20.5#
176	23.5	16.6	24.8