Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072415\
Data File : BG018093.D
Acq On : 24 Jul 2015 17:25
Operator : TP/UM
Sample : G3035-20DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D9DL

Quant Time: Jul 24 23:55:03 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 24 23:53:51 2015
Response via : Initial Calibration

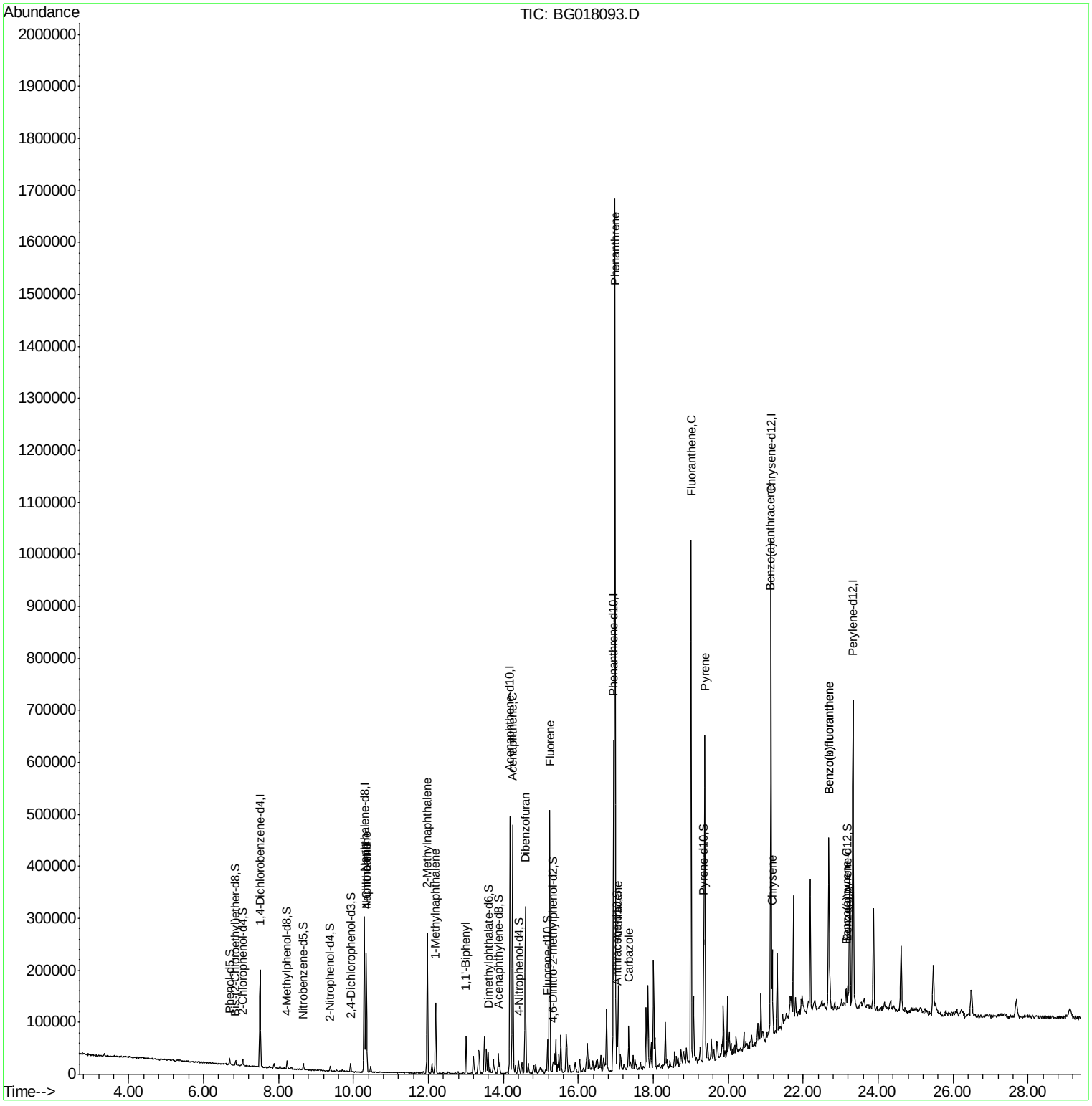
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	54211	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	256826	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	171787	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	385205	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	405356	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	403895	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.01	96	203	0.23	ng/uL	0.00
5) Phenol-d5	6.70	99	7224	1.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	3785	1.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	6234	1.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	6136	1.65	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	3806	1.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	4209	1.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	6853	1.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.44	131	282	0.06	ng/ul	0.00
44) Dimethylphthalate-d6	13.60	166	26437	2.19	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	27576	1.86	ng/ul	0.00
52) 4-Nitrophenol-d4	14.41	143	3442	1.36	ng/ul	0.00
58) Fluorene-d10	15.18	176	21505	1.93	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	2697	1.10	ng/ul	0.00
71) Anthracene-d10	17.04	188	32284	1.94	ng/ul	0.00
79) Pyrene-d10	19.35	212	33922	1.83	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	29640	1.54	ng/ul	-0.01
Target Compounds						Qvalue
28) Naphthalene	10.34	128	191700	15.93	ng/ul	97
30) 4-Chloroaniline	10.34	127	25429	5.69	ng/ul#	17
34) 2-Methylnaphthalene	11.97	142	132408	14.57	ng/ul	98
35) 1-Methylnaphthalene	12.20	142	65655	7.40	ng/ul	98
41) 1,1'-Biphenyl	13.01	154	39035	3.32	ng/ul#	92
50) Acenaphthene	14.25	153	190847	18.73	ng/ul	96
54) Dibenzofuran	14.59	168	198322	13.70	ng/ul	96
59) Fluorene	15.24	166	213828	17.15	ng/ul	99
70) Phenanthrene	16.98	178	957817	49.49	ng/ul	98
72) Anthracene	17.07	178	99588	5.07	ng/ul	98
75) Carbazole	17.35	167	48229	2.83	ng/ul	98
77) Fluoranthene	19.01	202	573627	27.82	ng/ul	99
80) Pyrene	19.38	202	382025	16.46	ng/ul	99
83) Benzo(a)anthracene	21.13	228	101500	4.73	ng/ul	97
85) Chrysene	21.18	228	86971	4.31	ng/ul	98
88) Benzo(b)fluoranthene	22.68	252	64705	2.92	ng/ul#	97
89) Benzo(k)fluoranthene	22.68	252	64705	3.02	ng/ul#	96
91) Benzo(a)pyrene	23.15	252	25708	1.20	ng/ul	98

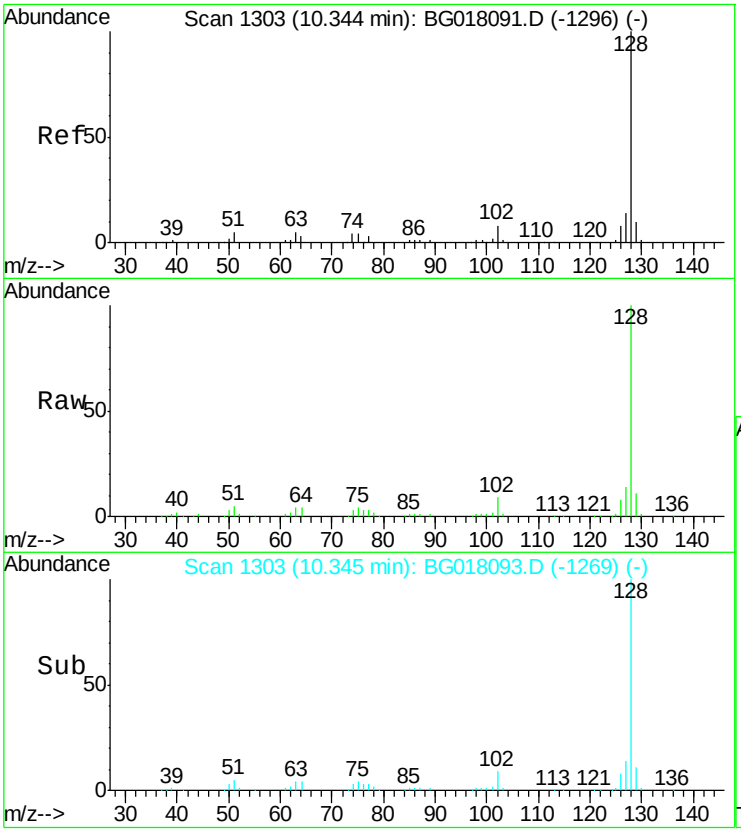
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072415\
Data File : BG018093.D
Acq On : 24 Jul 2015 17:25
Operator : TP/UM
Sample : G3035-20DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C02D9DL

Quant Time: Jul 24 23:55:03 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 24 23:53:51 2015
Response via : Initial Calibration



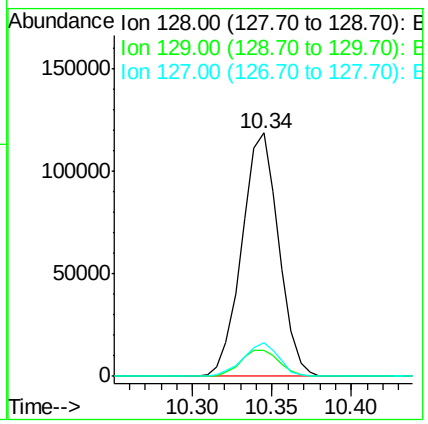


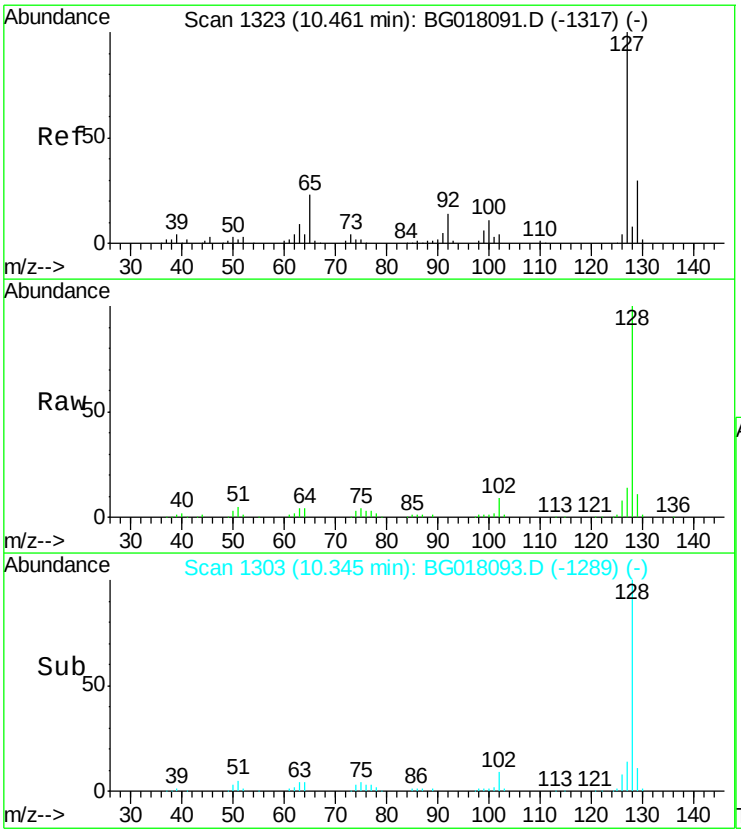
#28
Naphthalene
Concen: 15.93 ng/ul
RT: 10.34 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BG018093.D
Acq: 24 Jul 2015 17:25

Instrument :
BNA_G
ClientSampleId :
C02D9DL

Tgt Ion:128 Resp: 191700

Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.5	14.3
127	13.8	10.1	15.1

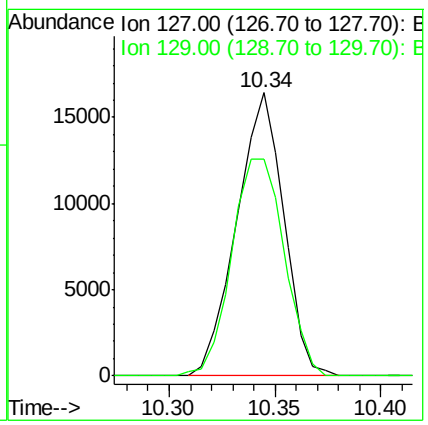


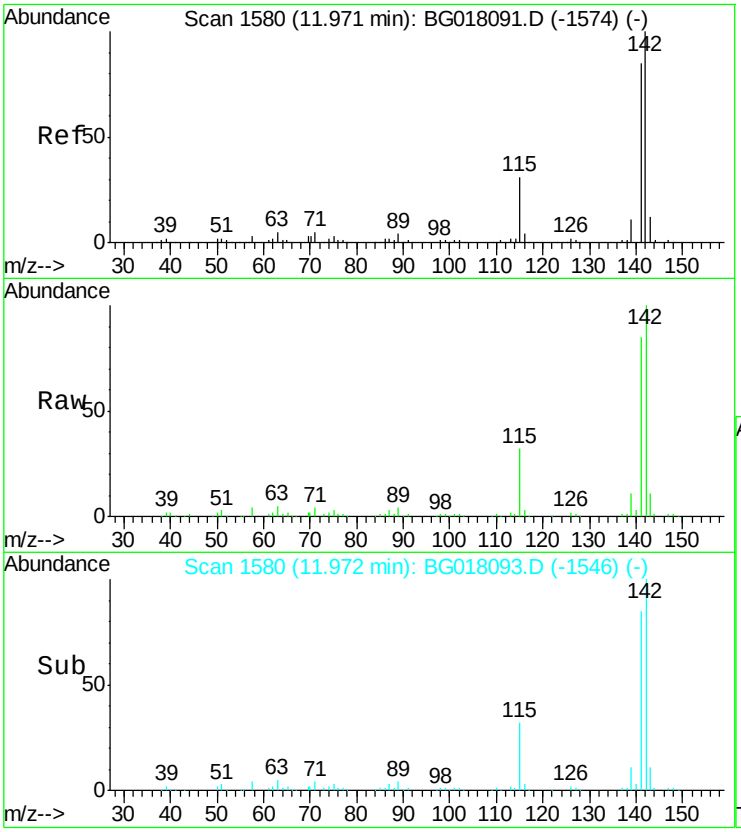


#30
4-Chloroaniline
Concen: 5.69 ng/ul
RT: 10.34 min Scan# 1303
Delta R.T. -0.12 min
Lab File: BG018093.D
Acq: 24 Jul 2015 17:25

Tgt Ion:127 Resp: 25429

Ion	Ratio	Lower	Upper
127	100		
129	76.7	24.7	37.1#



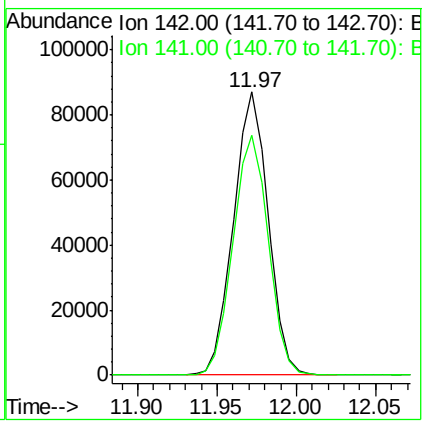


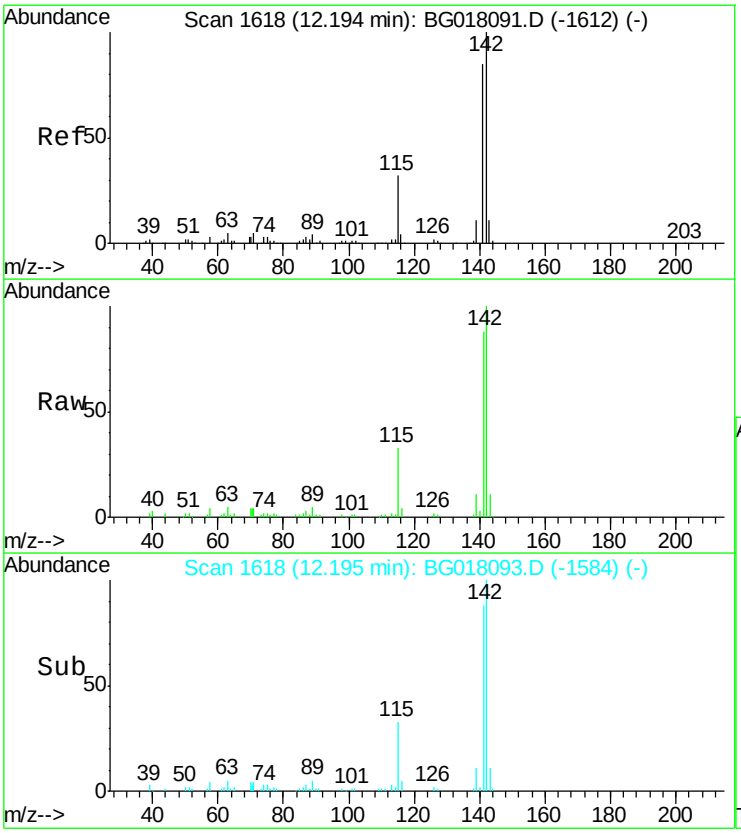
#34
2-Methylnaphthalene
Concen: 14.57 ng/ul
RT: 11.97 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BG018093.D
Acq: 24 Jul 2015 17:25

Instrument :
BNA_G
ClientSampleId :
C02D9DL

Tgt Ion:142 Resp: 132408

Ion	Ratio	Lower	Upper
142	100		
141	84.8	69.4	104.0

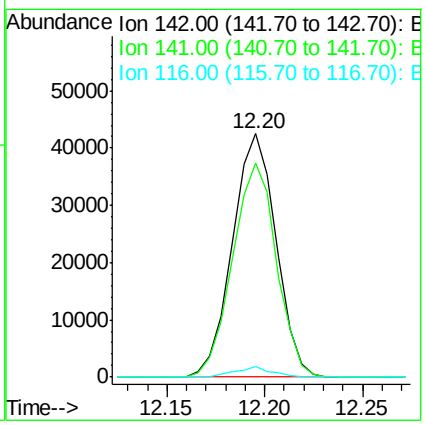


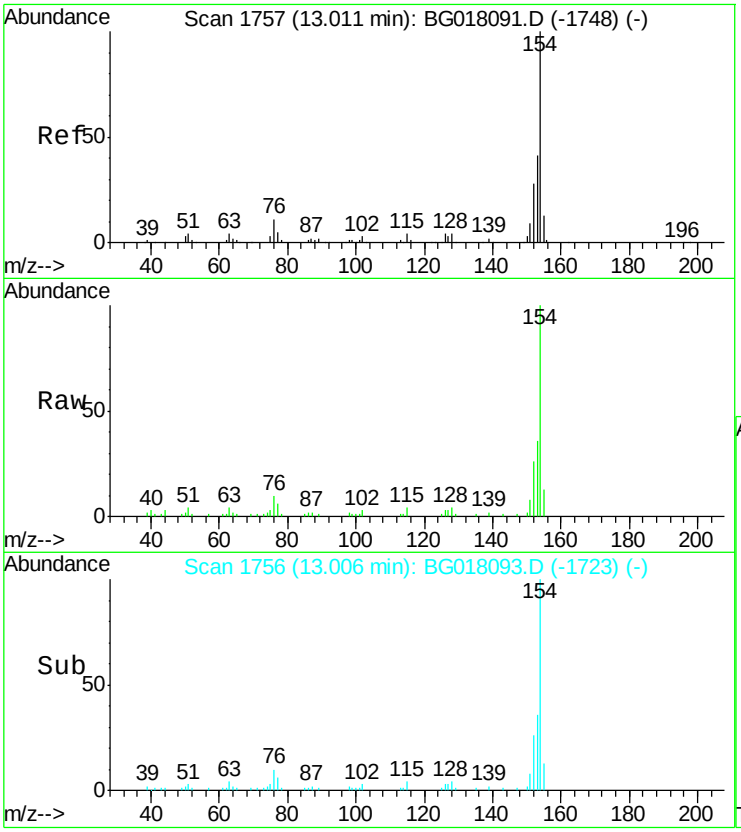


#35
1-Methylnaphthalene
Concen: 7.40 ng/ul
RT: 12.20 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BG018093.D
Acq: 24 Jul 2015 17:25

Tgt Ion:142 Resp: 65655

Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.8	107.6
116	4.4	3.2	4.8



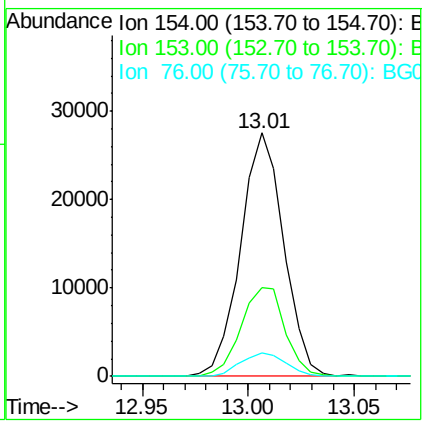


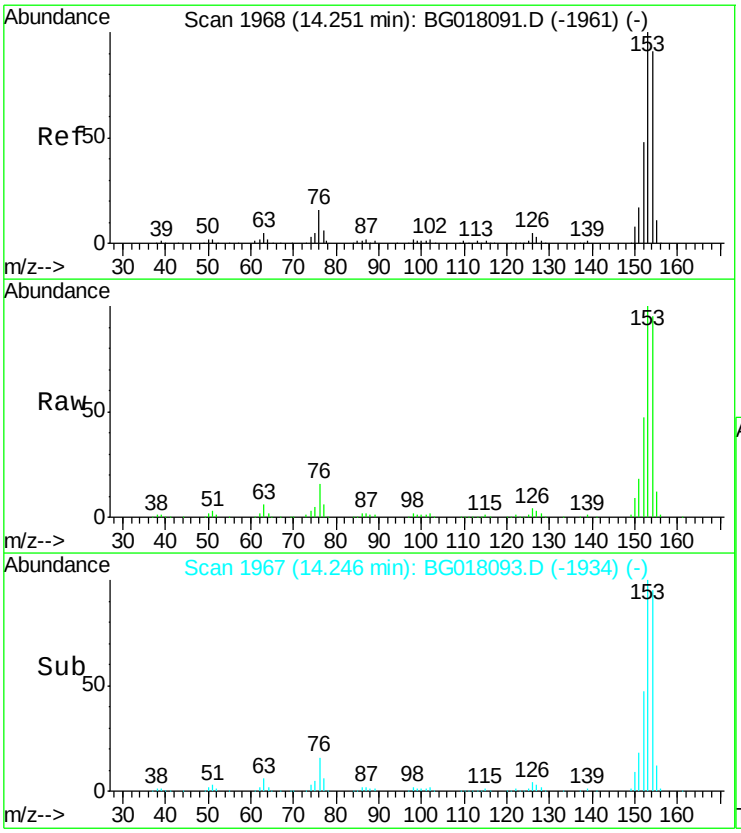
#41
1,1'-Biphenyl
Concen: 3.32 ng/ul
RT: 13.01 min Scan# 1756
Delta R.T. -0.00 min
Lab File: BG018093.D
Acq: 24 Jul 2015 17:25

Instrument :
BNA_G
ClientSampleId :
C02D9DL

Tgt Ion:154 Resp: 39035

Ion	Ratio	Lower	Upper
154	100		
153	36.4	33.1	49.7
76	9.6	9.7	14.5#

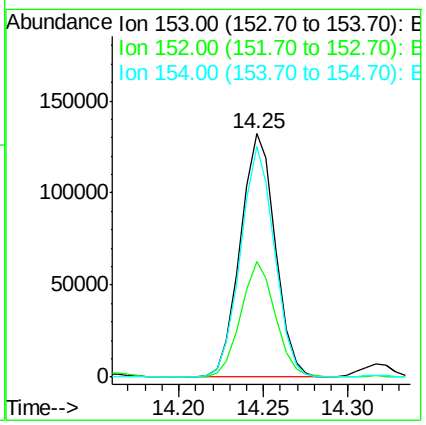


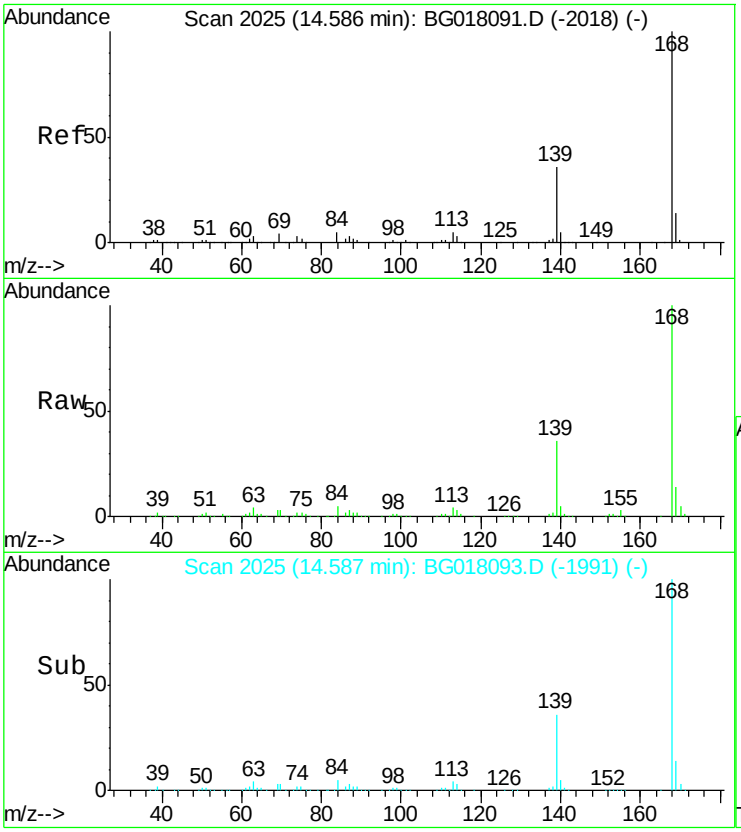


#50
Acenaphthene
Concen: 18.73 ng/ul
RT: 14.25 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG018093.D
Acq: 24 Jul 2015 17:25

Tgt Ion:153 Resp: 190847

Ion	Ratio	Lower	Upper
153	100		
152	47.4	38.9	58.3
154	95.0	72.6	108.8



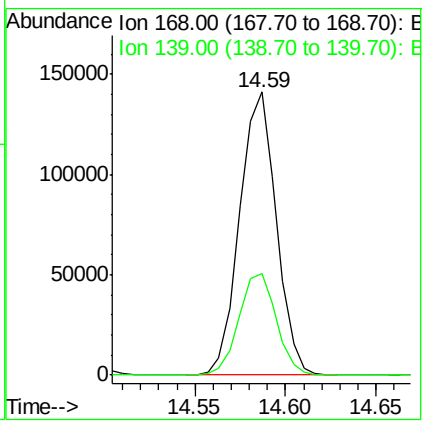


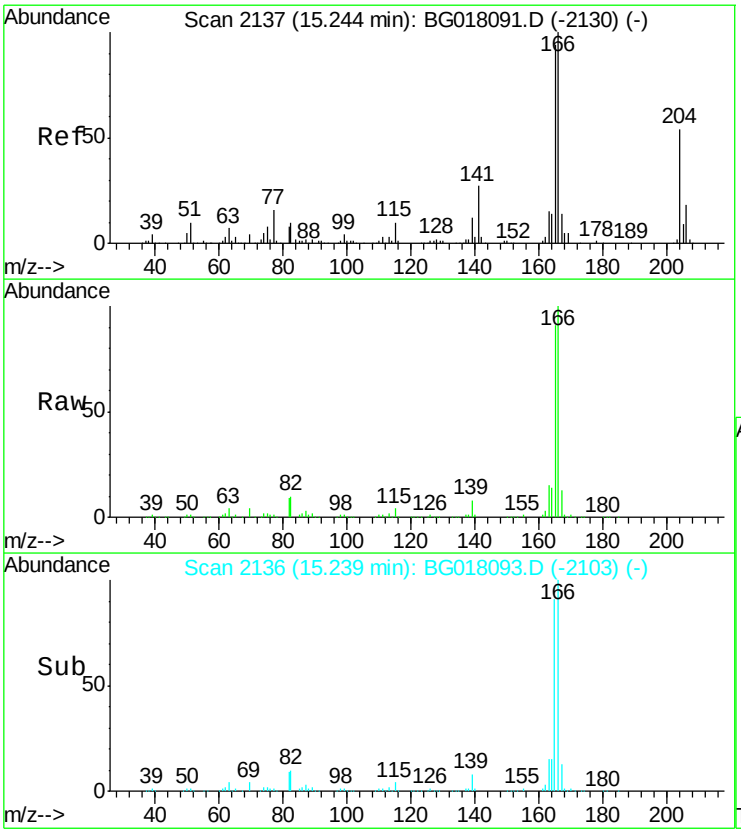
#54
Dibenzofuran
Concen: 13.70 ng/ul
RT: 14.59 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BG018093.D
Acq: 24 Jul 2015 17:25

Instrument :
BNA_G
ClientSampleId :
C02D9DL

Tgt Ion:168 Resp: 198322

Ion	Ratio	Lower	Upper
168	100		
139	36.0	30.6	46.0

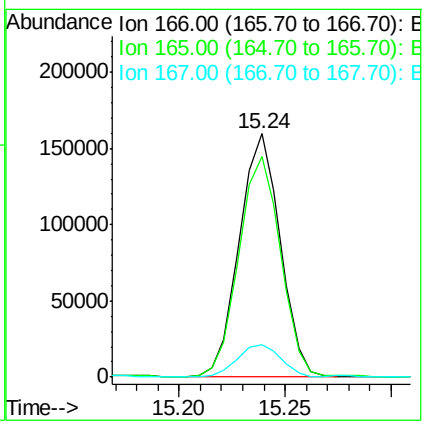


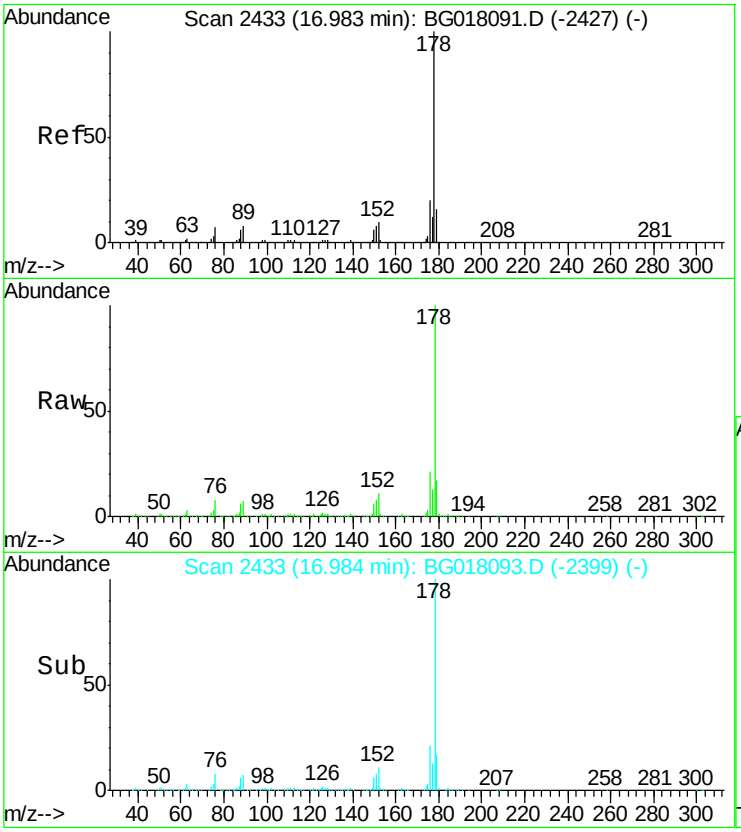


#59
Fluorene
Concen: 17.15 ng/ul
RT: 15.24 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG018093.D
Acq: 24 Jul 2015 17:25

Tgt Ion:166 Resp: 213828

Ion	Ratio	Lower	Upper
166	100		
165	90.7	73.6	110.4
167	13.1	10.8	16.2



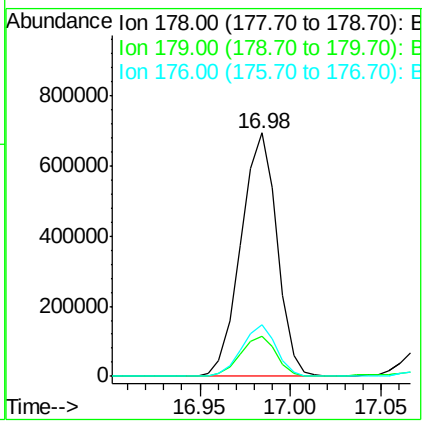


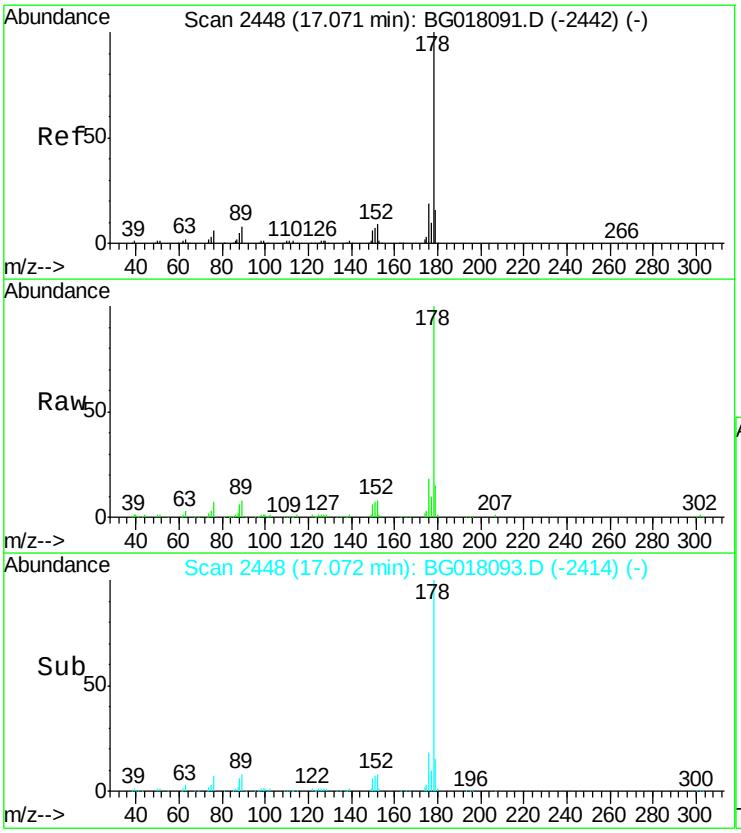
#70
Phenanthrene
Concen: 49.49 ng/ul
RT: 16.98 min Scan# 2433
Delta R.T. 0.00 min
Lab File: BG018093.D
Acq: 24 Jul 2015 17:25

Instrument :
BNA_G
ClientSampleId :
C02D9DL

Tgt Ion:178 Resp: 957817

Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.0	19.6
176	21.0	15.8	23.8

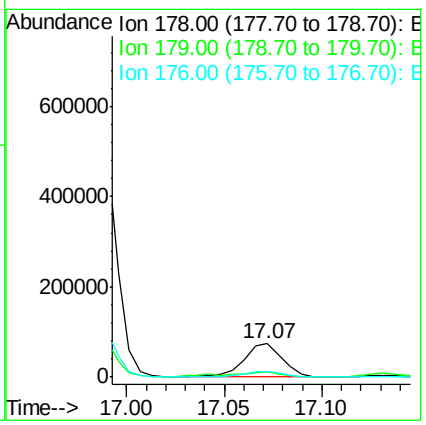


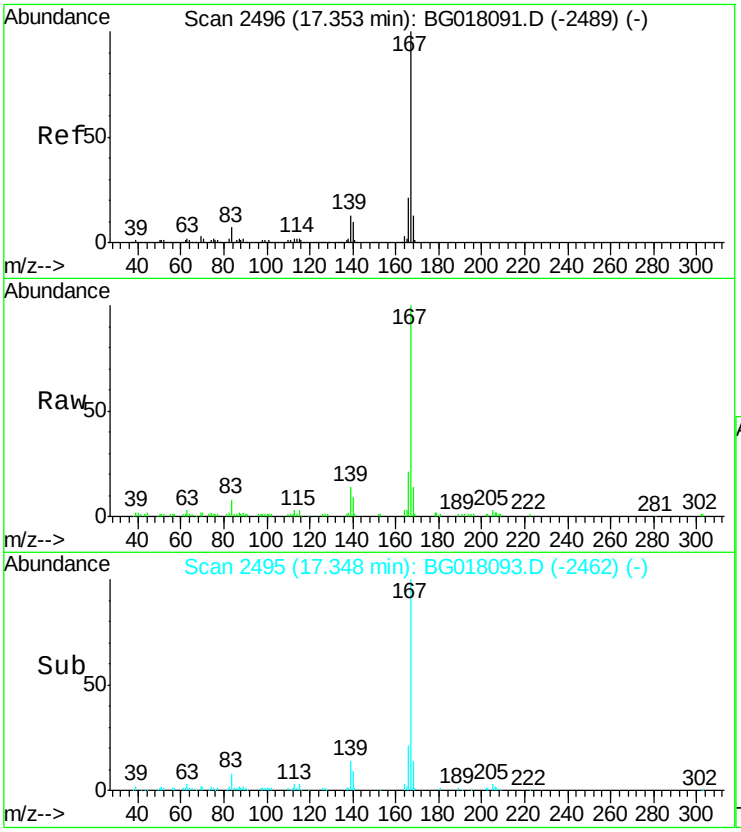


#72
Anthracene
Concen: 5.07 ng/ul
RT: 17.07 min Scan# 2448
Delta R.T. 0.00 min
Lab File: BG018093.D
Acq: 24 Jul 2015 17:25

Tgt Ion:178 Resp: 99588

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.4	18.6
176	18.1	15.8	23.8



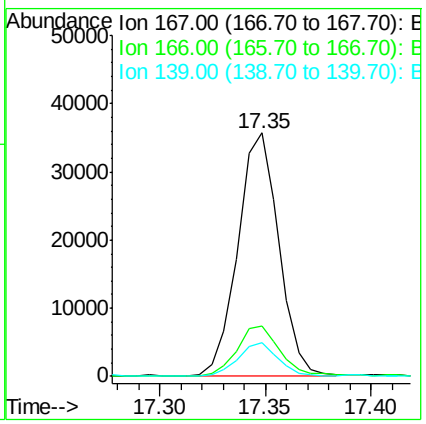


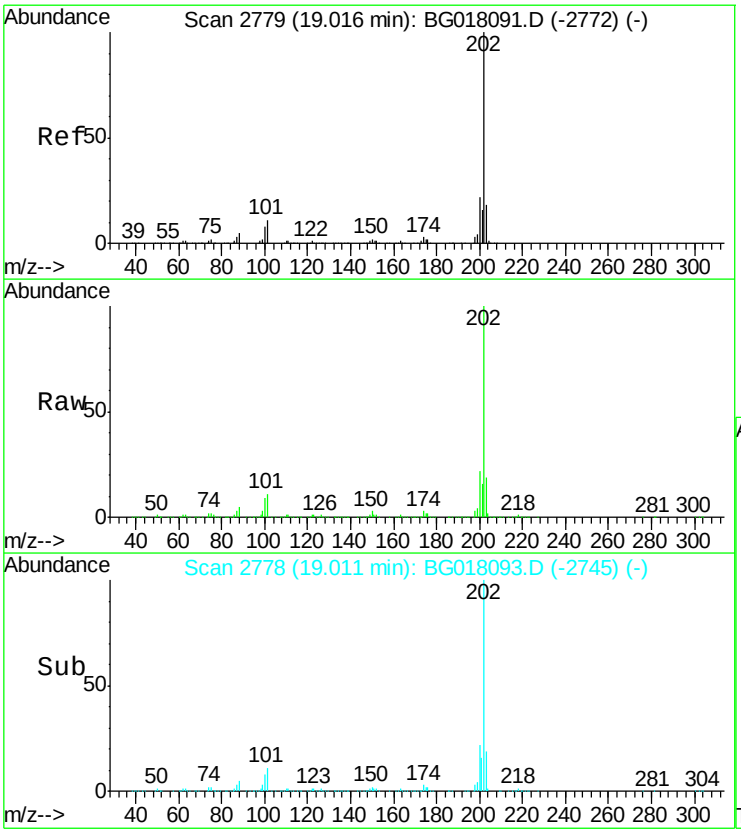
#75
Carbazole
Concen: 2.83 ng/ul
RT: 17.35 min Scan# 2495
Delta R.T. -0.00 min
Lab File: BG018093.D
Acq: 24 Jul 2015 17:25

Instrument :
BNA_G
ClientSampleId :
C02D9DL

Tgt Ion:167 Resp: 48229

Ion	Ratio	Lower	Upper
167	100		
166	20.5	17.4	26.2
139	13.8	10.6	15.8

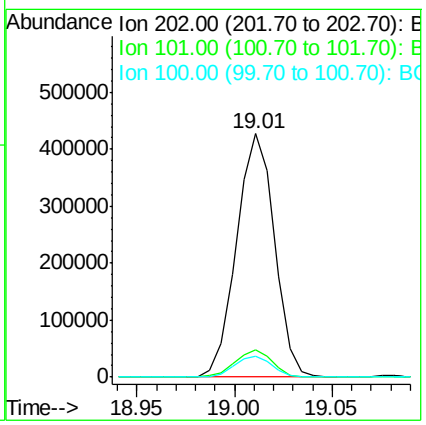


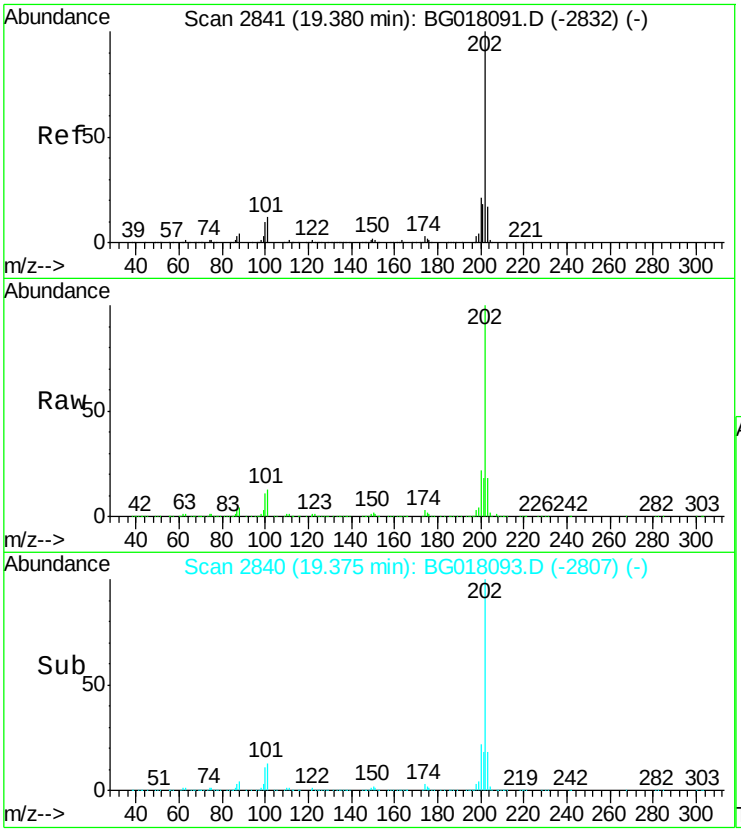


#77
Fluoranthene
Concen: 27.82 ng/ul
RT: 19.01 min Scan# 2778
Delta R.T. -0.00 min
Lab File: BG018093.D
Acq: 24 Jul 2015 17:25

Tgt Ion:202 Resp: 573627

Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.1	13.7
100	8.5	7.5	11.3



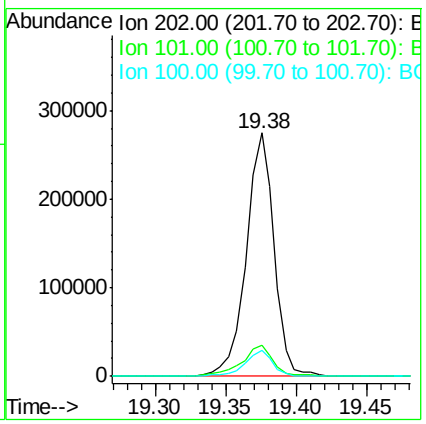


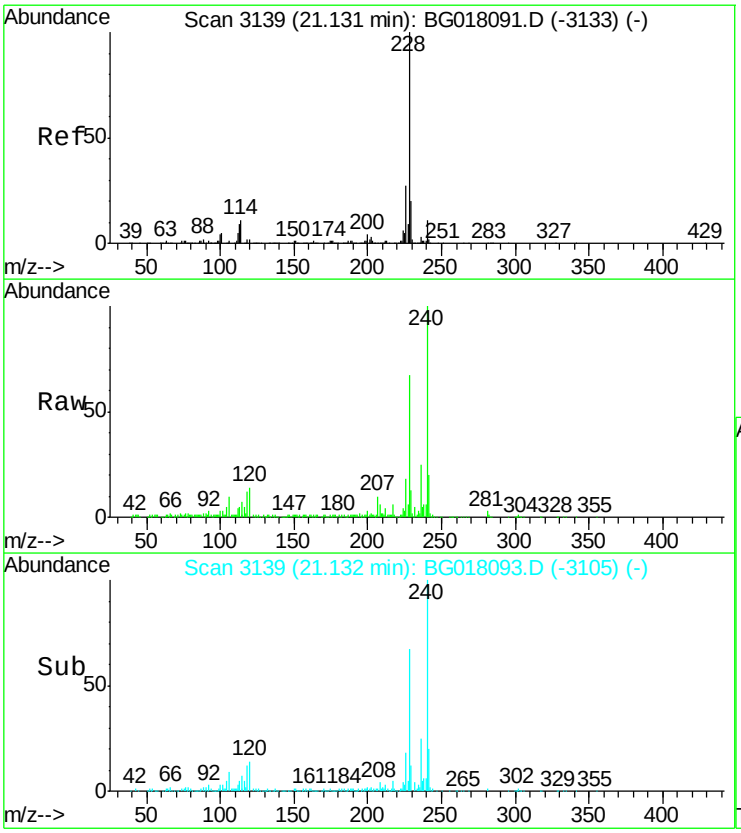
#80
Pyrene
Concen: 16.46 ng/ul
RT: 19.38 min Scan# 2840
Delta R.T. -0.00 min
Lab File: BG018093.D
Acq: 24 Jul 2015 17:25

Instrument :
BNA_G
ClientSampleId :
C02D9DL

Tgt Ion:202 Resp: 382025

Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.9	16.3
100	10.5	8.5	12.7

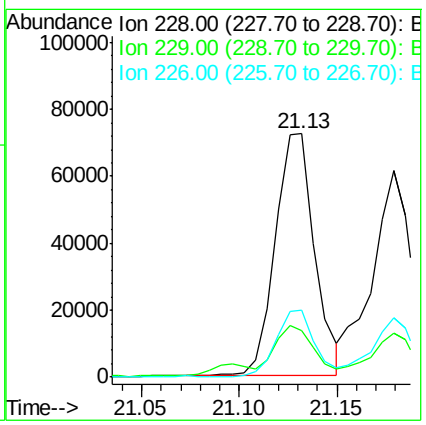


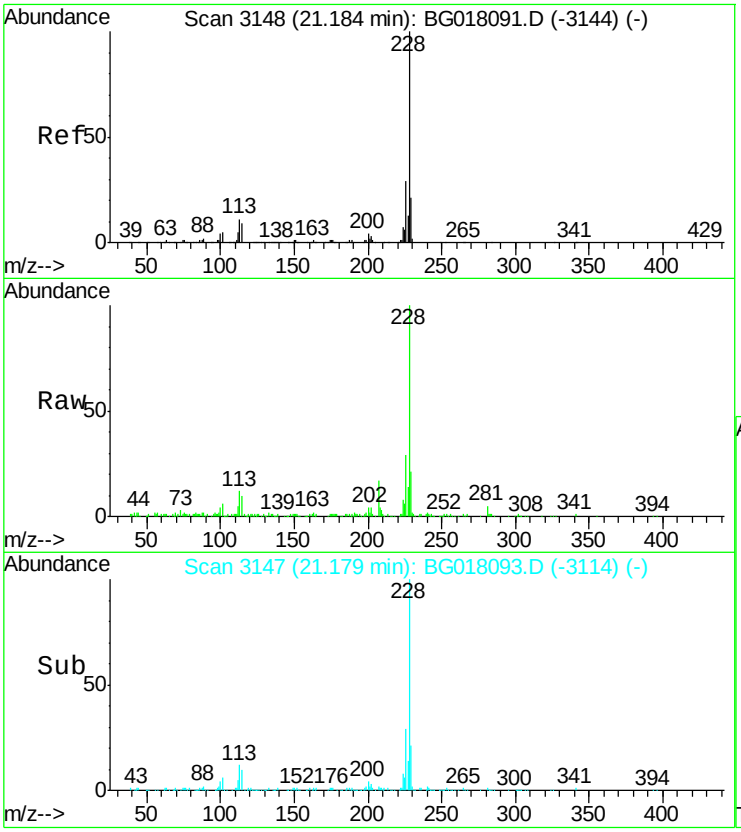


#83
Benzo(a)anthracene
Concen: 4.73 ng/ul
RT: 21.13 min Scan# 3139
Delta R.T. 0.00 min
Lab File: BG018093.D
Acq: 24 Jul 2015 17:25

Tgt Ion:228 Resp: 101500

Ion	Ratio	Lower	Upper
228	100		
229	19.0	16.6	24.8
226	27.3	21.1	31.7



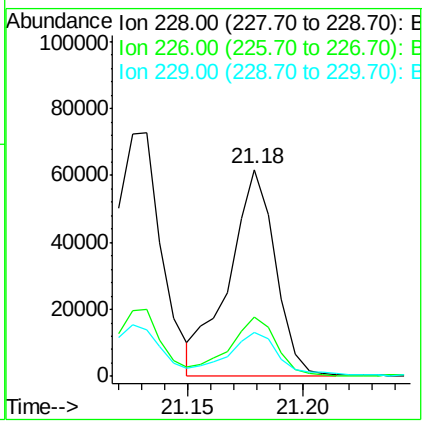


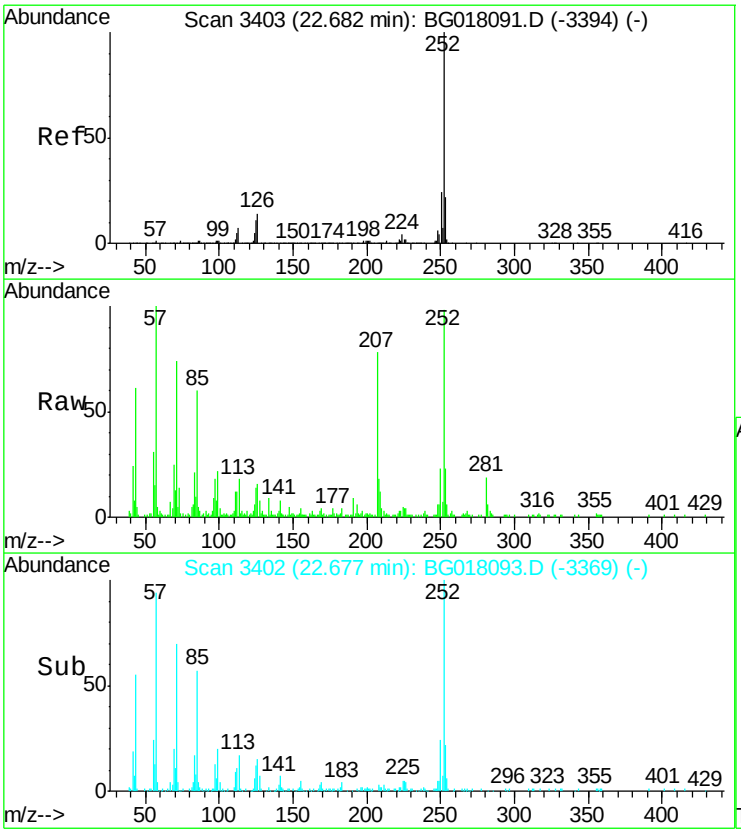
#85
Chrysene
Concen: 4.31 ng/ul
RT: 21.18 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BG018093.D
Acq: 24 Jul 2015 17:25

Instrument :
BNA_G
ClientSampleId :
C02D9DL

Tgt Ion:228 Resp: 86971

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.9	34.3
229	21.0	15.6	23.4





#88
Benzo(b)fluoranthene
Concen: 2.92 ng/ul
RT: 22.68 min Scan# 3402
Delta R.T. -0.00 min
Lab File: BG018093.D
Acq: 24 Jul 2015 17:25

Tgt Ion:252 Resp: 64705

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.5	27.7
125	14.4	9.1	13.7#