Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072315\
Data File : BG018084.D
Acq On : 24 Jul 2015 2:42
Operator : TP/UM
Sample : G3035-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jul 24 03:45:45 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 24 01:33:04 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	56557	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	287915	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	177346	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	349329	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	367305	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	375438	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	1829	2.02	ng/uL	0.00
5) Phenol-d5	6.70	99	61479	14.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	32143	14.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	57974	14.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	50904	13.16	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	30060	13.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	25675	10.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	57443	13.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.44	131	63349	13.02	ng/ul	0.00
44) Dimethylphthalate-d6	13.60	166	184481	14.82	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	208110	13.60	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	21276	8.12	ng/ul	0.00
58) Fluorene-d10	15.18	176	151378	13.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	5628	2.52	ng/ul	0.00
71) Anthracene-d10	17.04	188	207274	13.70	ng/ul	0.00
79) Pyrene-d10	19.34	212	211866	12.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	199320	11.13	ng/ul	0.00
Target Compounds						Qvalue
14) Acetophenone	8.33	105	33833	6.20	ng/ul	97
28) Naphthalene	10.34	128	52898	3.92	ng/ul	98
30) 4-Chloroaniline	10.34	127	6968	1.39	ng/ul#	6
34) 2-Methylnaphthalene	11.97	142	16407	1.61	ng/ul	95
35) 1-Methylnaphthalene	12.19	142	11574	1.16	ng/ul	95
45) Dimethylphthalate	13.65	163	96563	7.71	ng/ul	99
50) Acenaphthene	14.24	153	61873	5.88	ng/ul	97
54) Dibenzofuran	14.58	168	46485	3.11	ng/ul	99
59) Fluorene	15.23	166	79941	6.21	ng/ul	95
70) Phenanthrene	16.98	178	894686	50.97	ng/ul	98
72) Anthracene	17.07	178	214573	12.04	ng/ul	99
75) Carbazole	17.34	167	86732	5.62	ng/ul	98
77) Fluoranthene	19.01	202	1109769	59.35	ng/ul	99
80) Pyrene	19.37	202	995572	47.33	ng/ul	98
81) Butylbenzylphthalate	20.29	149	20584	2.39	ng/ul	97
83) Benzo(a)anthracene	21.13	228	529502	27.26	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.07	149	193199	15.67	ng/ul	99
85) Chrysene	21.18	228	522528	28.57	ng/ul	96
88) Benzo(b)fluoranthene	22.68	252	552200	26.85	ng/ul	99
89) Benzo(k)fluoranthene	22.68	252	552200	27.74	ng/ul	99
91) Benzo(a)pyrene	23.23	252	379347	19.04	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.54	276	223985	9.75	ng/ul	95
93) Dibenzo(a,h)anthracene	25.54	278	66830	3.41	ng/ul#	78

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072315\
Data File : BG018084.D
Acq On : 24 Jul 2015 2:42
Operator : TP/UM
Sample : G3035-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jul 24 03:45:45 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 24 01:33:04 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Benzo(g,h,i)perylene	26.21	276	92411	4.87	ng/ul	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072315\
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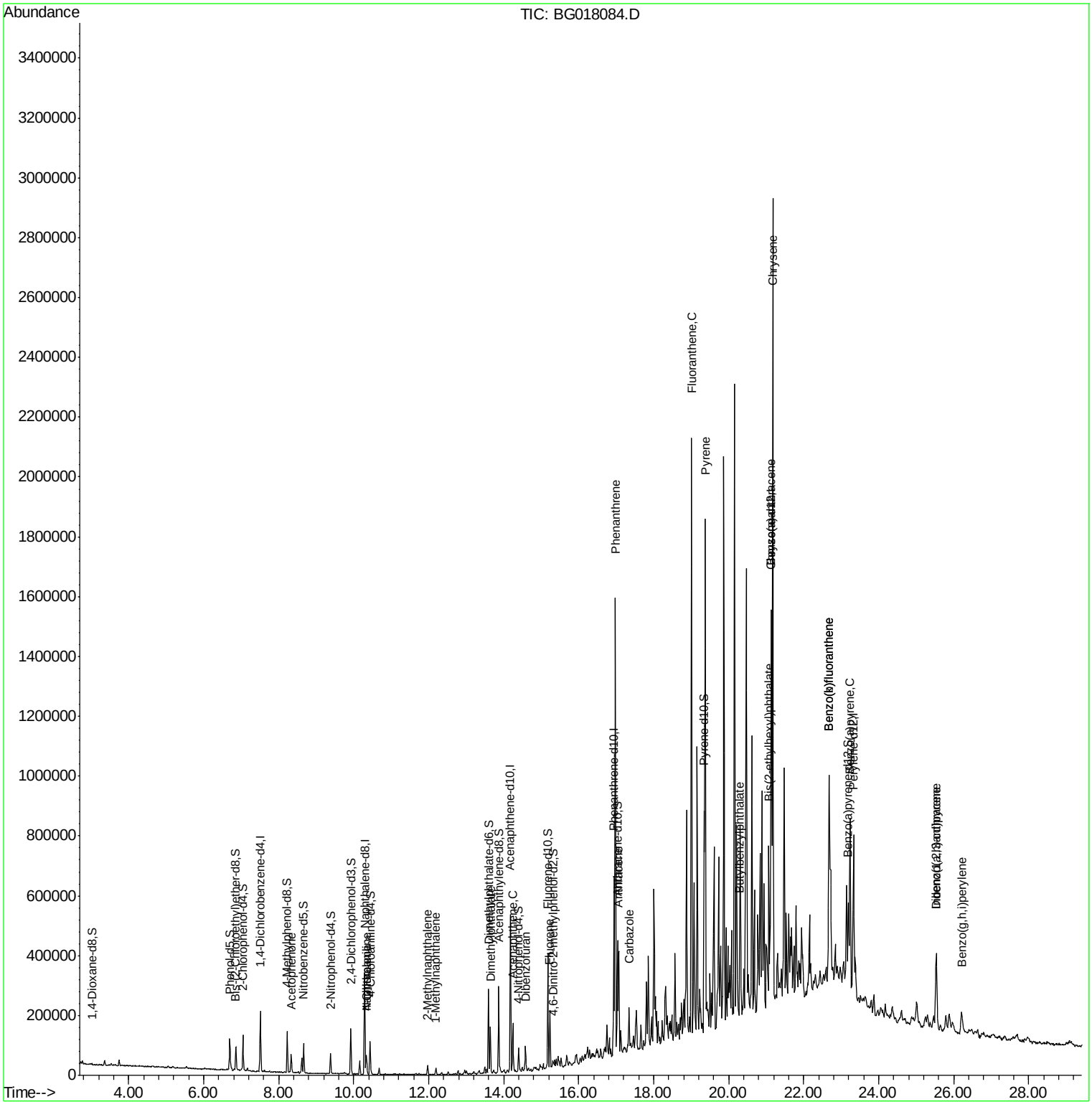
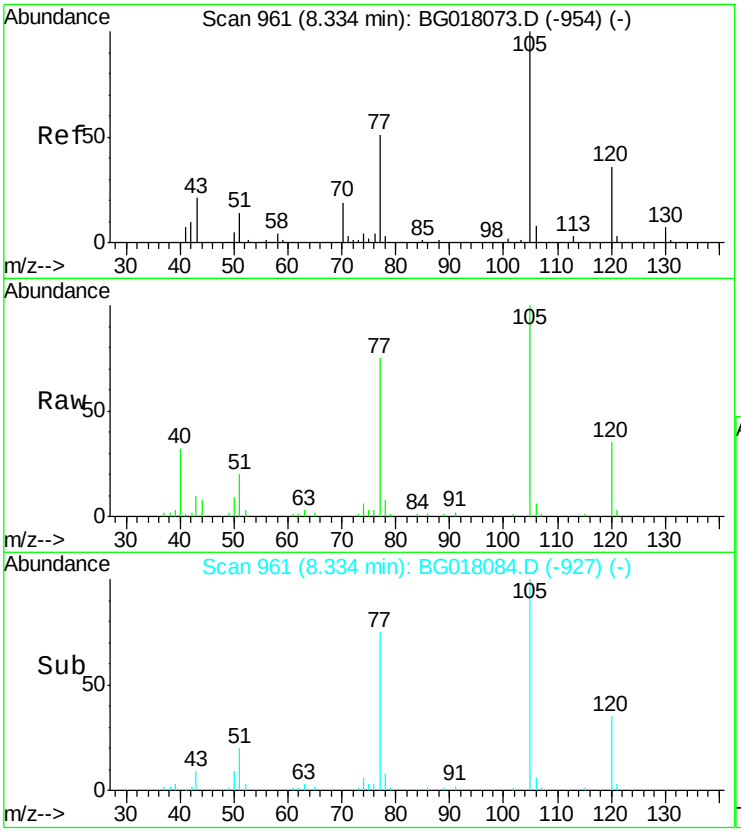
QLast Update : Fri Jul 24 01:33:04 2015
Response via : Initial Calibration



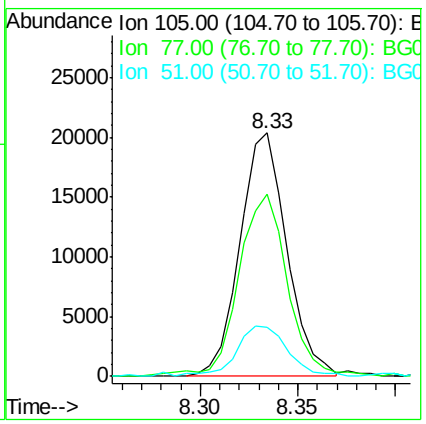


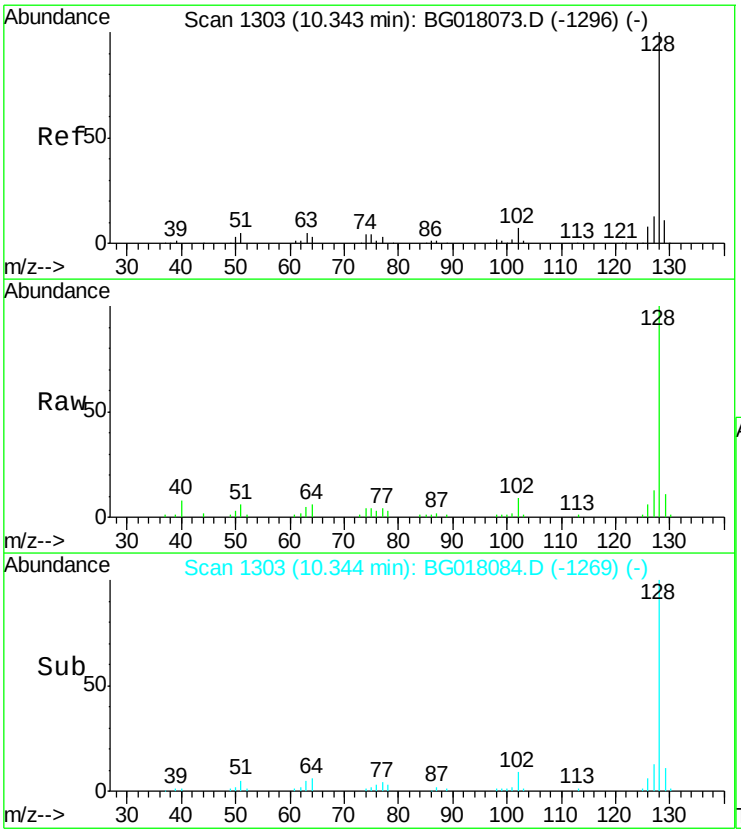
#14
Acetophenone
Concen: 6.20 ng/ul
RT: 8.33 min Scan# 961
Delta R.T. 0.00 min
Lab File: BG018084.D
Acq: 24 Jul 2015 2:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:105 Resp: 33833

Ion	Ratio	Lower	Upper
105	100		
77	74.8	61.7	92.5
51	20.4	18.1	27.1

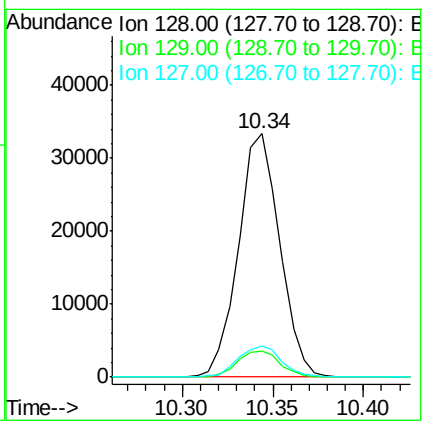


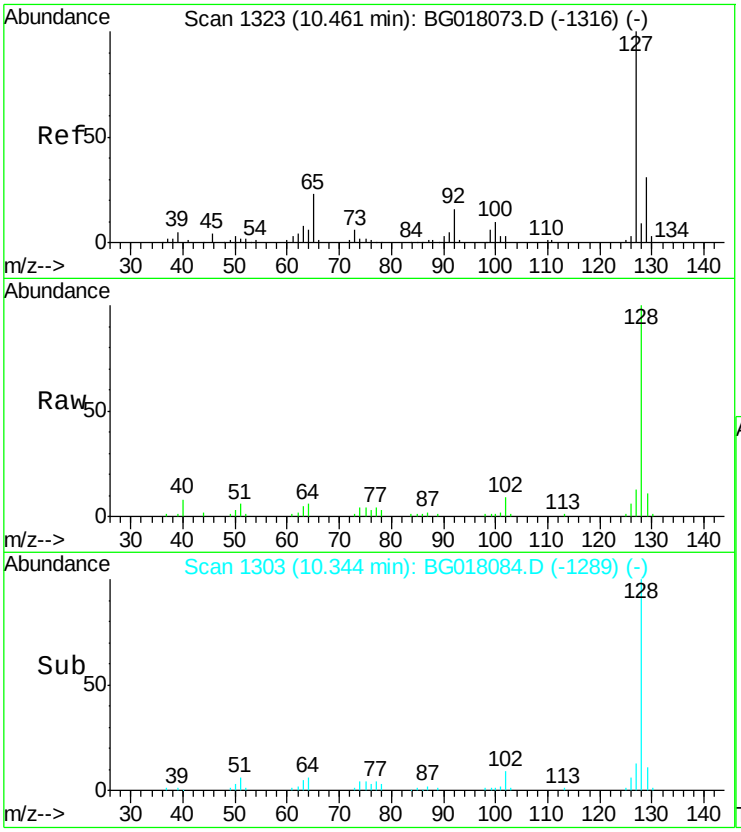


#28
Naphthalene
Concen: 3.92 ng/ul
RT: 10.34 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BG018084.D
Acq: 24 Jul 2015 2:42

Tgt Ion:128 Resp: 52898

Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.5	14.3
127	12.8	10.1	15.1



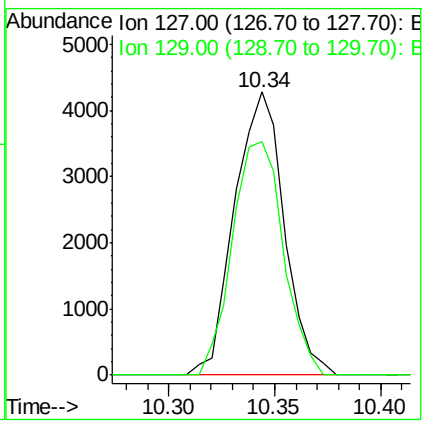


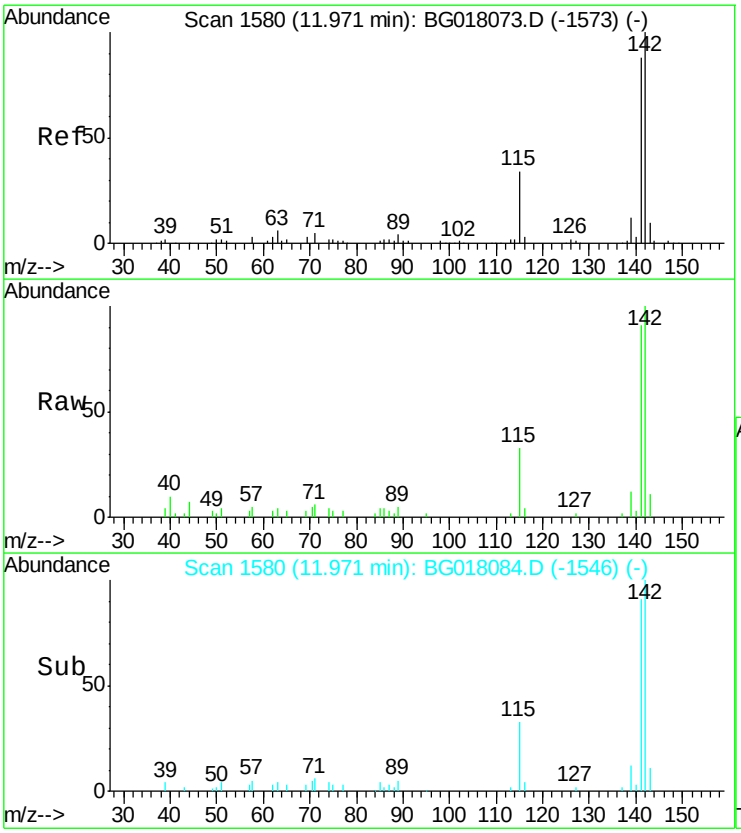
#30
4-Chloroaniline
Concen: 1.39 ng/ul
RT: 10.34 min Scan# 1303
Delta R.T. -0.12 min
Lab File: BG018084.D
Acq: 24 Jul 2015 2:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:127 Resp: 6968

Ion	Ratio	Lower	Upper
127	100		
129	82.6	24.7	37.1#

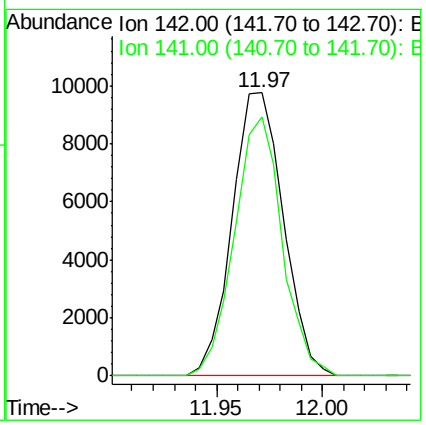


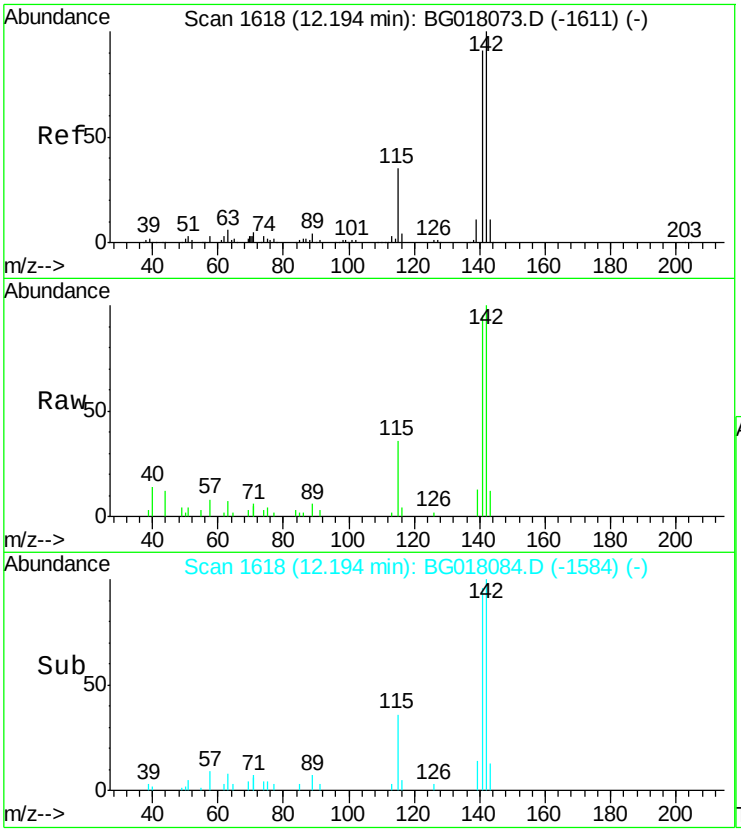


#34
2-Methylnaphthalene
Concen: 1.61 ng/ul
RT: 11.97 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BG018084.D
Acq: 24 Jul 2015 2:42

Tgt Ion:142 Resp: 16407

Ion	Ratio	Lower	Upper
142	100		
141	91.3	69.4	104.0



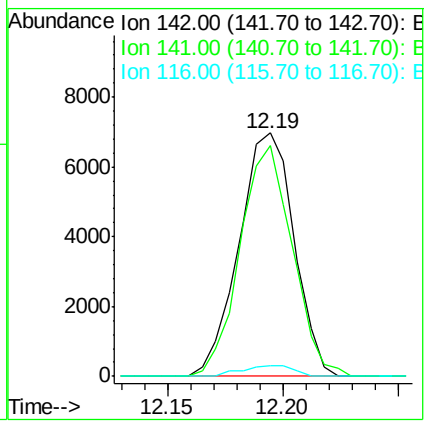


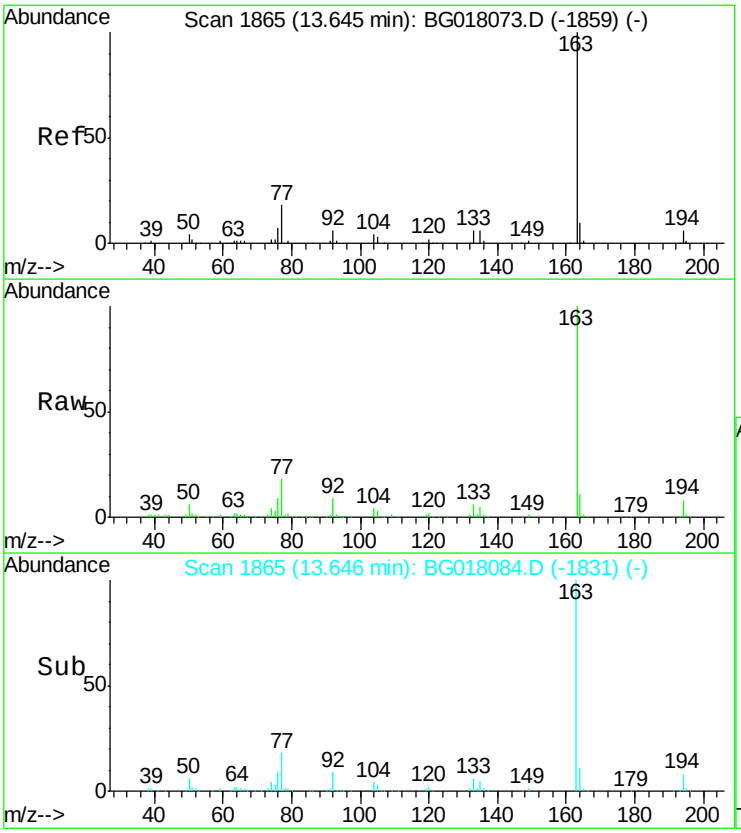
#35
1-Methylnaphthalene
Concen: 1.16 ng/ul
RT: 12.19 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BG018084.D
Acq: 24 Jul 2015 2:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 11574

Ion	Ratio	Lower	Upper
142	100		
141	95.0	71.8	107.6
116	4.4	3.2	4.8

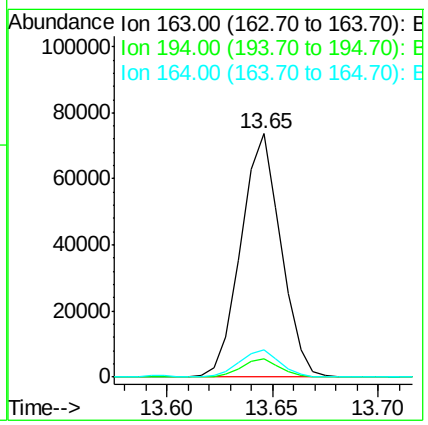


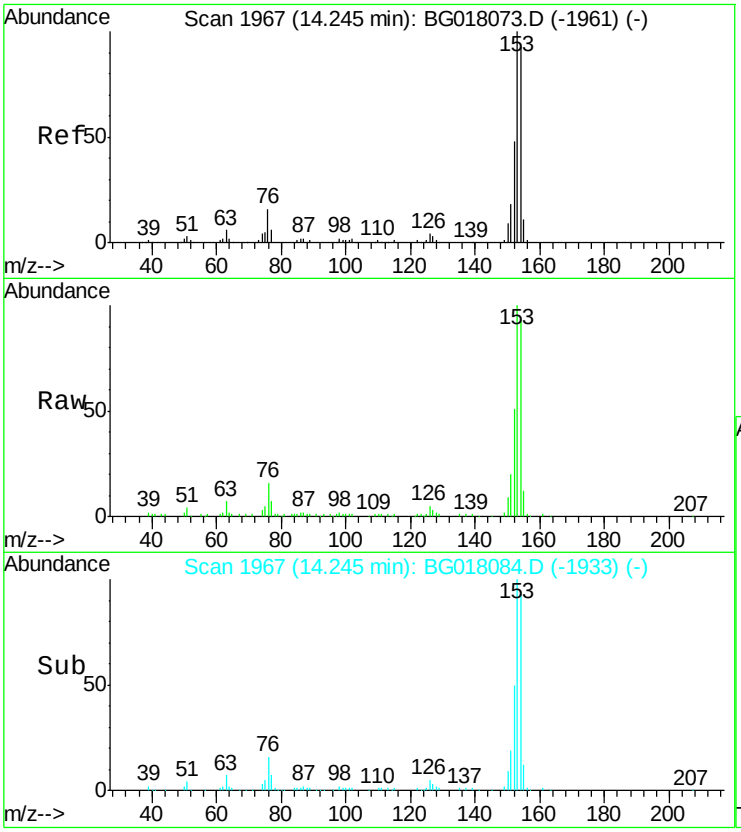


#45
Dimethylphthalate
Concen: 7.71 ng/ul
RT: 13.65 min Scan# 1865
Delta R.T. 0.00 min
Lab File: BG018084.D
Acq: 24 Jul 2015 2:42

Tgt Ion:163 Resp: 96563

Ion	Ratio	Lower	Upper
163	100		
194	7.5	5.4	8.2
164	11.0	8.7	13.1



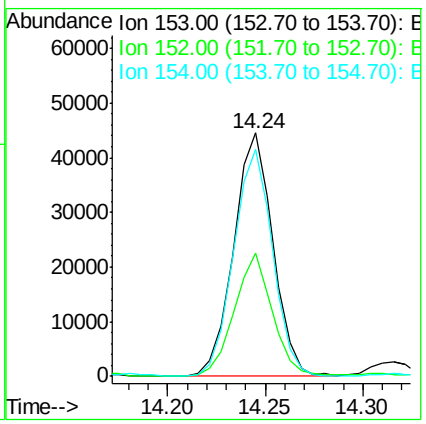


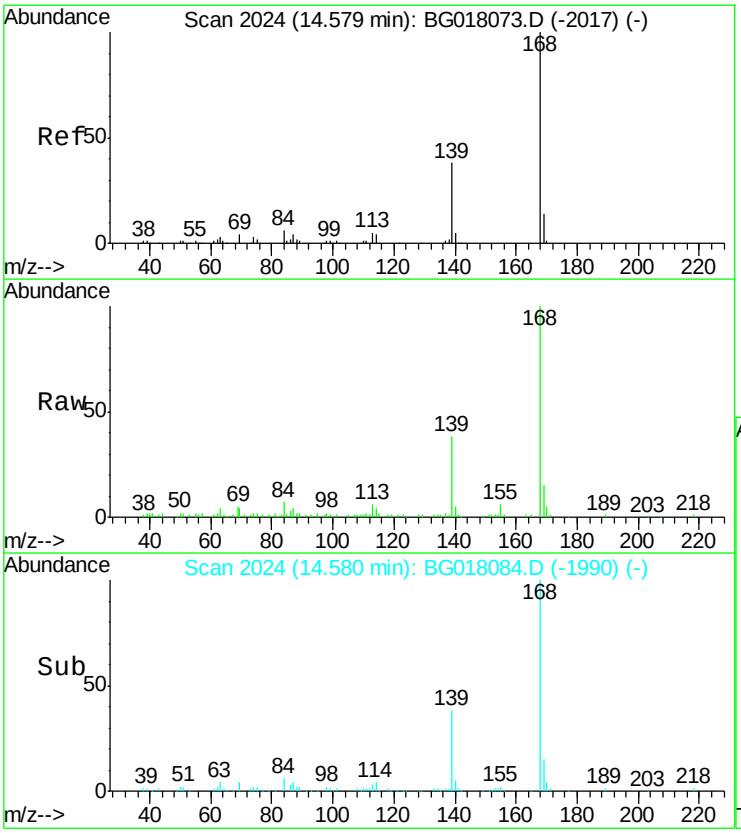
#50
Acenaphthene
Concen: 5.88 ng/ul
RT: 14.24 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BG018084.D
Acq: 24 Jul 2015 2:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:153 Resp: 61873

Ion	Ratio	Lower	Upper
153	100		
152	50.5	38.9	58.3
154	93.0	72.6	108.8

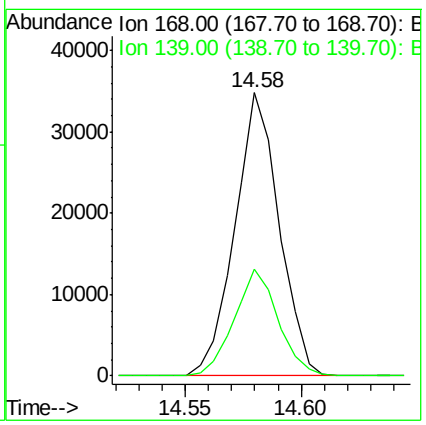


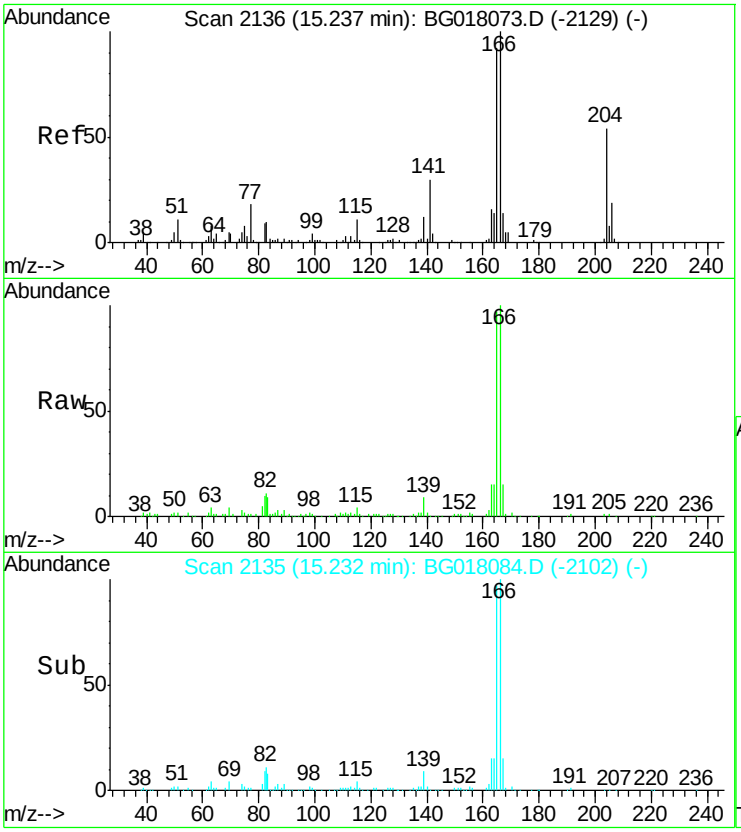


#54
Dibenzofuran
Concen: 3.11 ng/ul
RT: 14.58 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BG018084.D
Acq: 24 Jul 2015 2:42

Tgt Ion:168 Resp: 46485

Ion	Ratio	Lower	Upper
168	100		
139	37.8	30.6	46.0



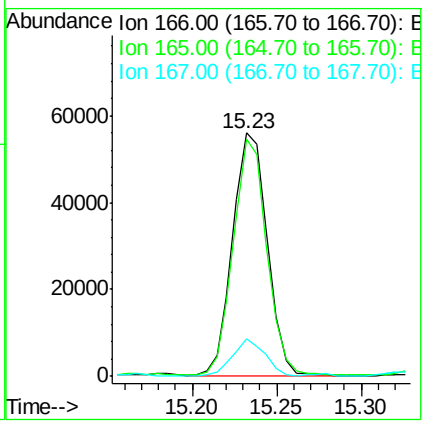


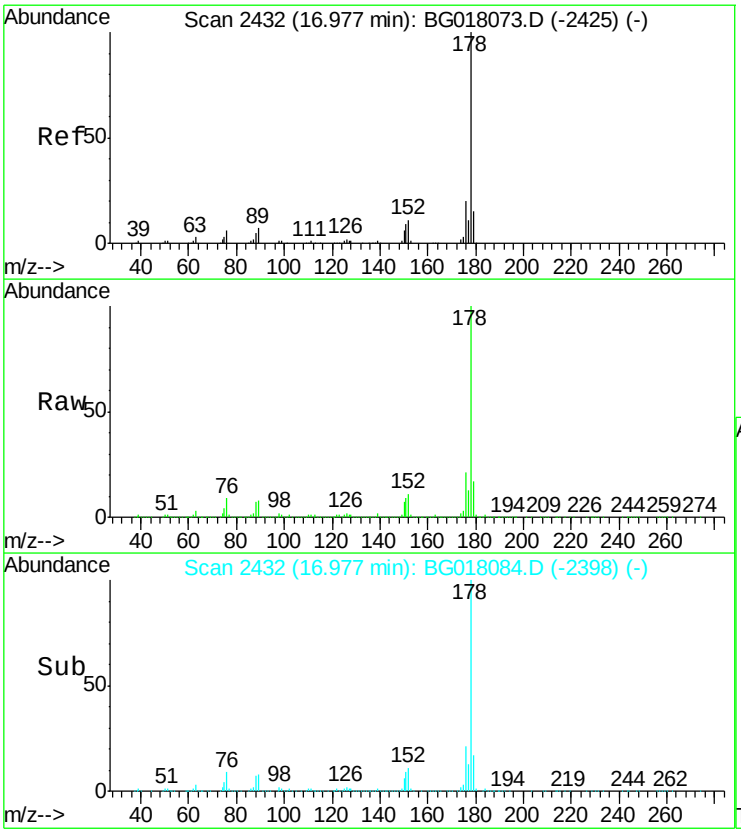
#59
Fluorene
Concen: 6.21 ng/ul
RT: 15.23 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BG018084.D
Acq: 24 Jul 2015 2:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 79941

Ion	Ratio	Lower	Upper
166	100		
165	97.3	73.6	110.4
167	15.4	10.8	16.2

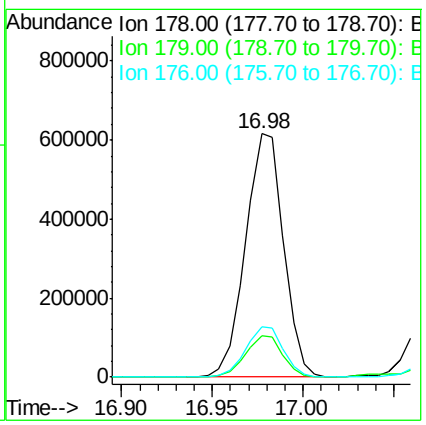


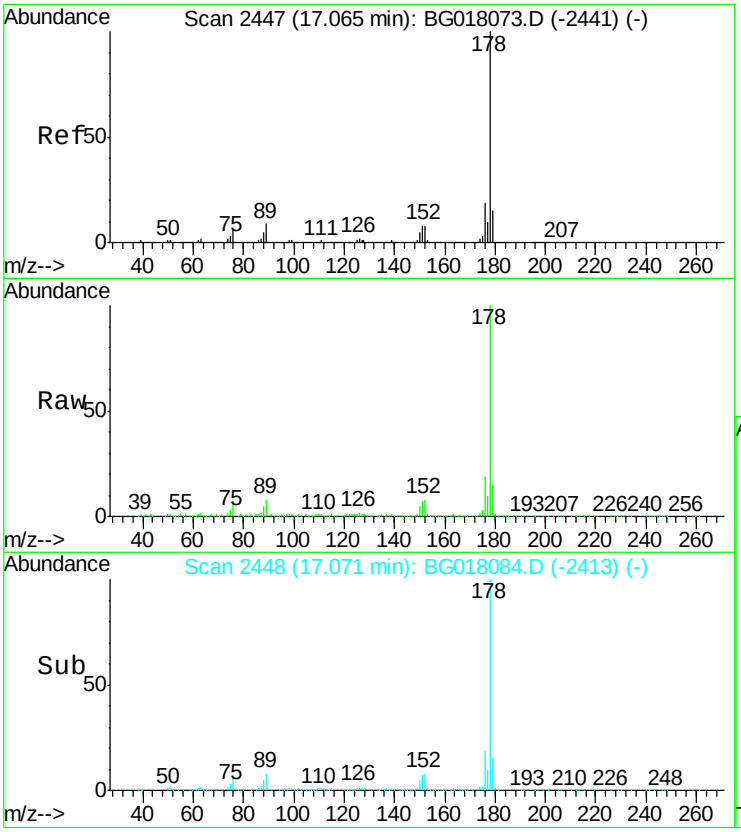


#70
Phenanthrene
Concen: 50.97 ng/ul
RT: 16.98 min Scan# 2432
Delta R.T. 0.00 min
Lab File: BG018084.D
Acq: 24 Jul 2015 2:42

Tgt Ion:178 Resp: 894686

Ion	Ratio	Lower	Upper
178	100		
179	16.9	13.0	19.6
176	20.7	15.8	23.8



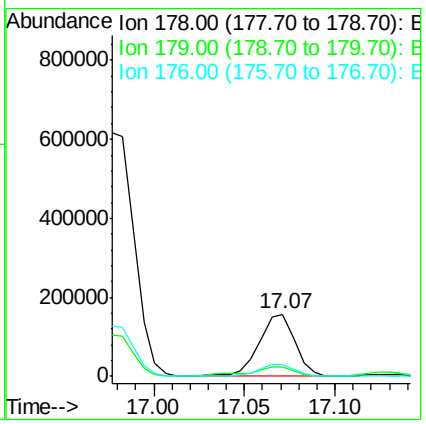


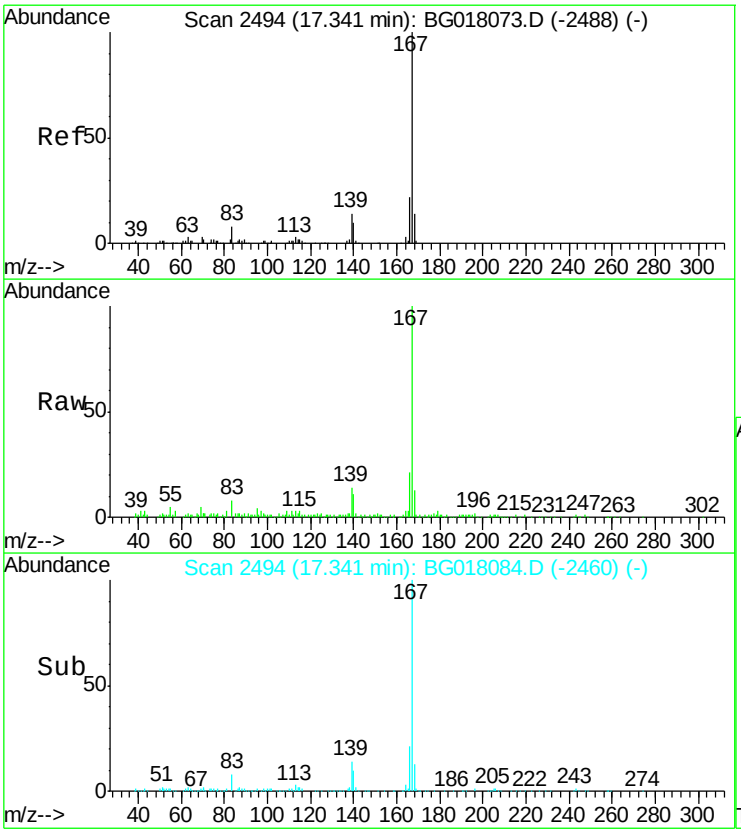
#72
Anthracene
Concen: 12.04 ng/ul
RT: 17.07 min Scan# 2448
Delta R.T. 0.01 min
Lab File: BG018084.D
Acq: 24 Jul 2015 2:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 214573

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.4	18.6
176	19.1	15.8	23.8

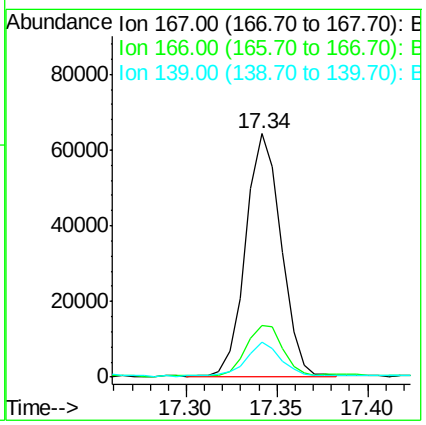


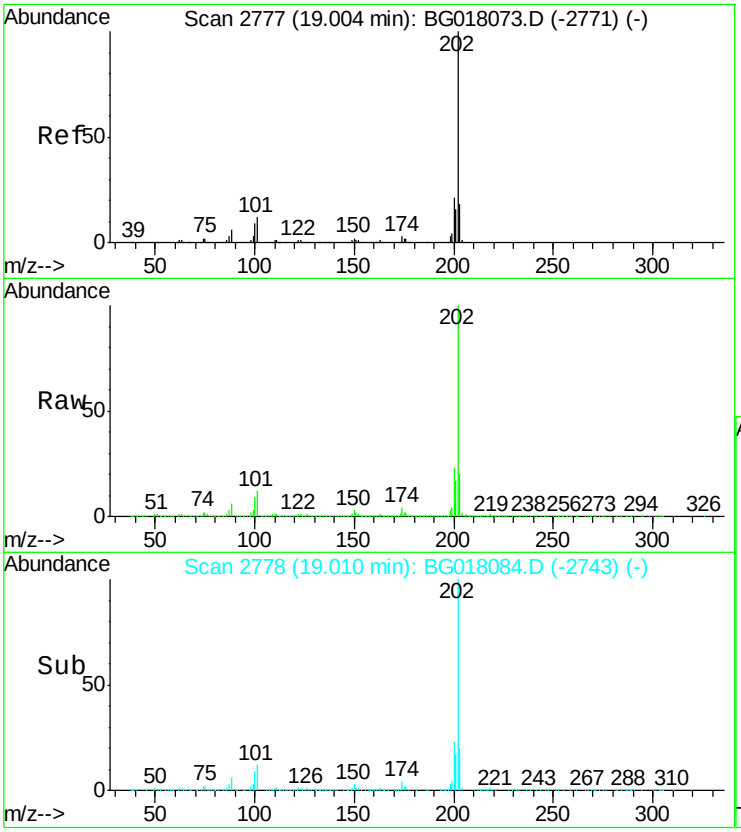


#75
Carbazole
Concen: 5.62 ng/ul
RT: 17.34 min Scan# 2494
Delta R.T. 0.00 min
Lab File: BG018084.D
Acq: 24 Jul 2015 2:42

Tgt Ion:167 Resp: 86732

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.4	26.2
139	14.4	10.6	15.8



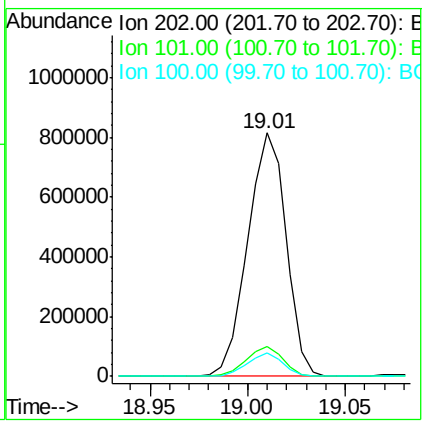


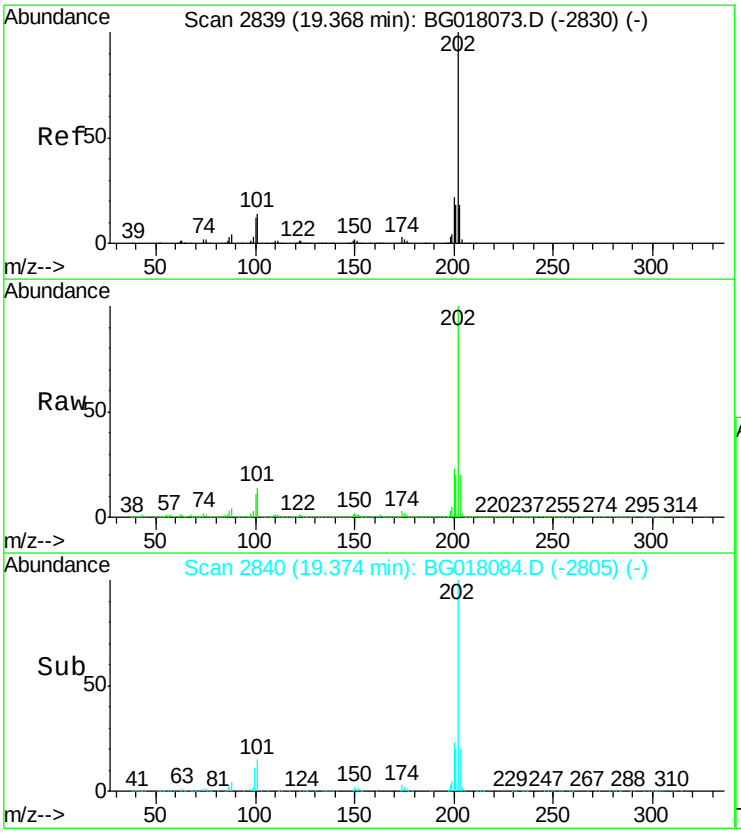
#77
Fluoranthene
Concen: 59.35 ng/ul
RT: 19.01 min Scan# 2778
Delta R.T. 0.01 min
Lab File: BG018084.D
Acq: 24 Jul 2015 2:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 1109769

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.1	13.7
100	9.4	7.5	11.3

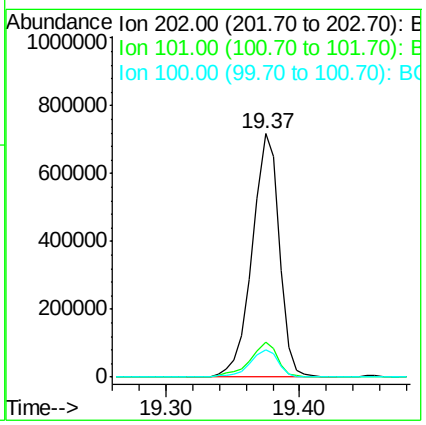


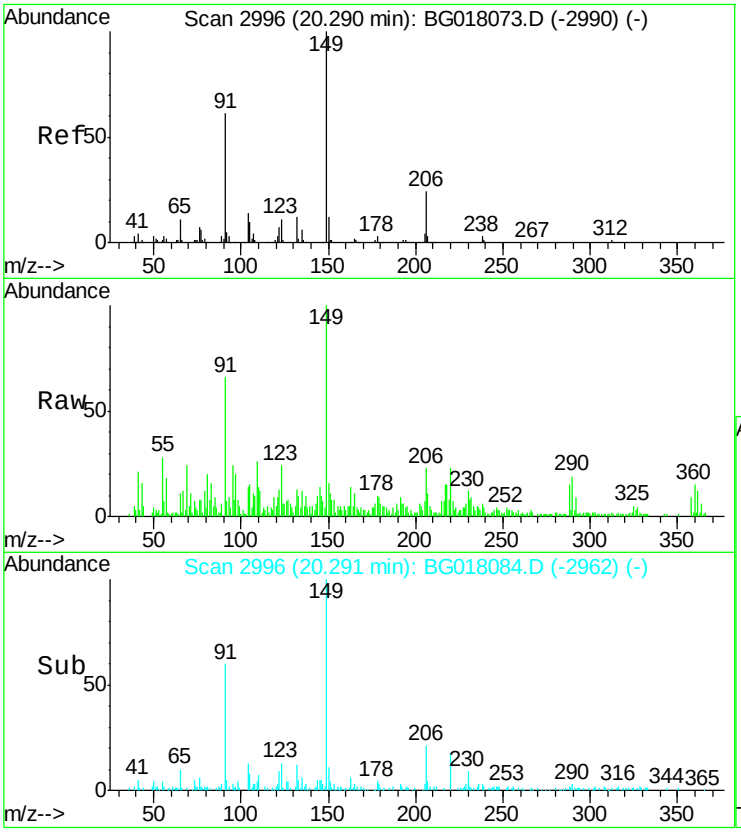


#80
Pyrene
Concen: 47.33 ng/ul
RT: 19.37 min Scan# 2840
Delta R.T. 0.01 min
Lab File: BG018084.D
Acq: 24 Jul 2015 2:42

Tgt Ion:202 Resp: 995572

Ion	Ratio	Lower	Upper
202	100		
101	14.5	10.9	16.3
100	11.4	8.5	12.7



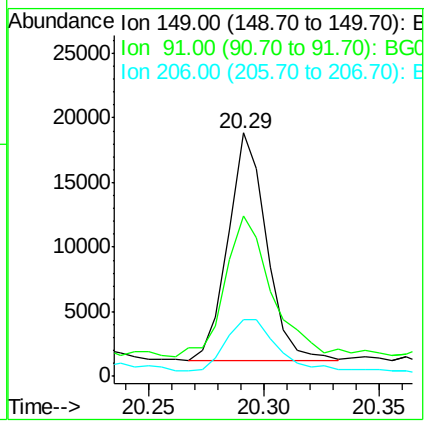


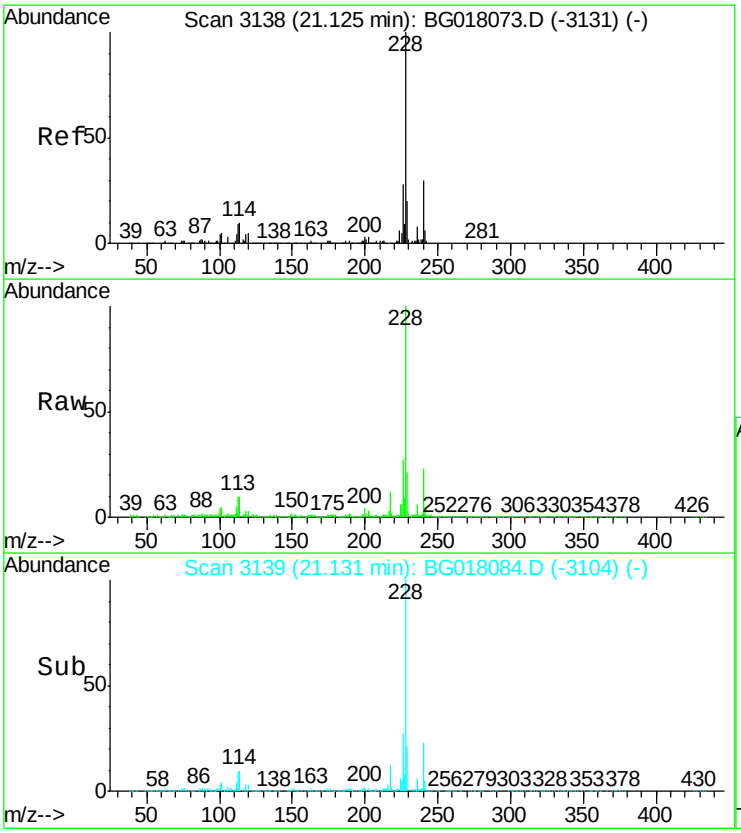
#81
Butylbenzylphthalate
Concen: 2.39 ng/ul
RT: 20.29 min Scan# 2996
Delta R.T. 0.00 min
Lab File: BG018084.D
Acq: 24 Jul 2015 2:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 20584

Ion	Ratio	Lower	Upper
149	100		
91	65.7	51.1	76.7
206	23.1	19.9	29.9

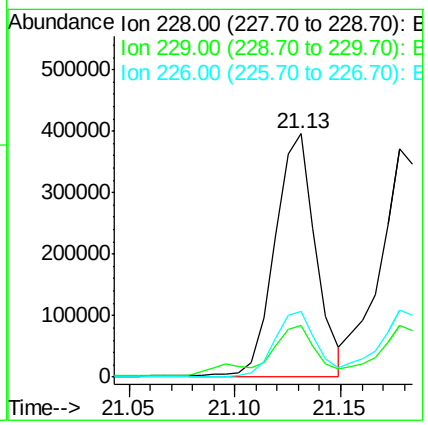


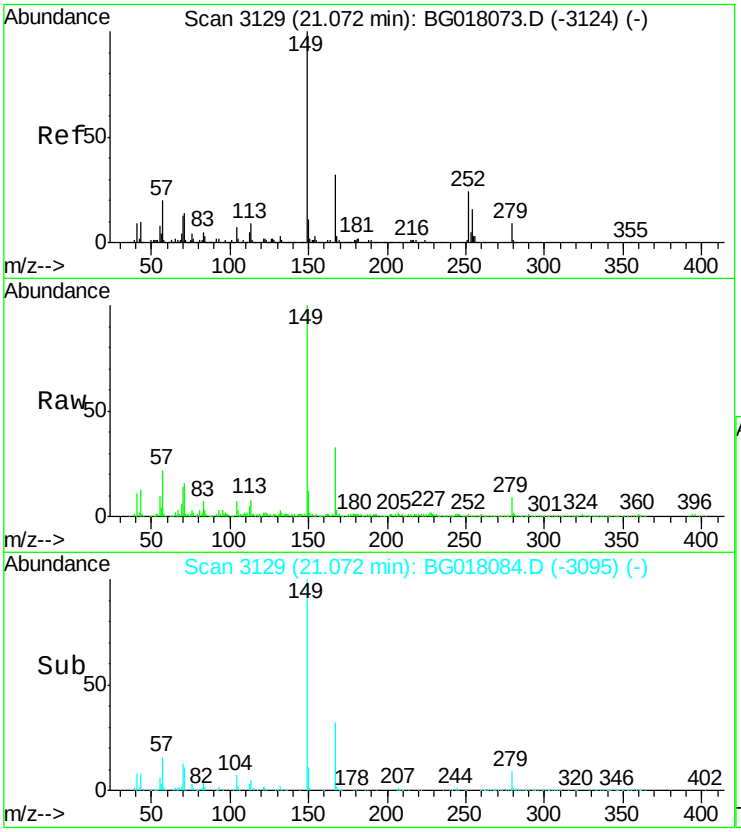


#83
Benzo(a)anthracene
Concen: 27.26 ng/ul
RT: 21.13 min Scan# 3139
Delta R.T. 0.01 min
Lab File: BG018084.D
Acq: 24 Jul 2015 2:42

Tgt Ion:228 Resp: 529502

Ion	Ratio	Lower	Upper
228	100		
229	21.2	16.6	24.8
226	27.0	21.1	31.7



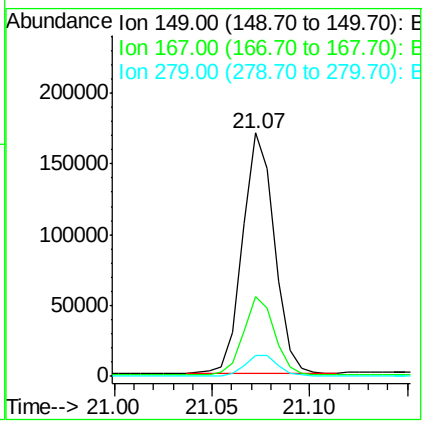


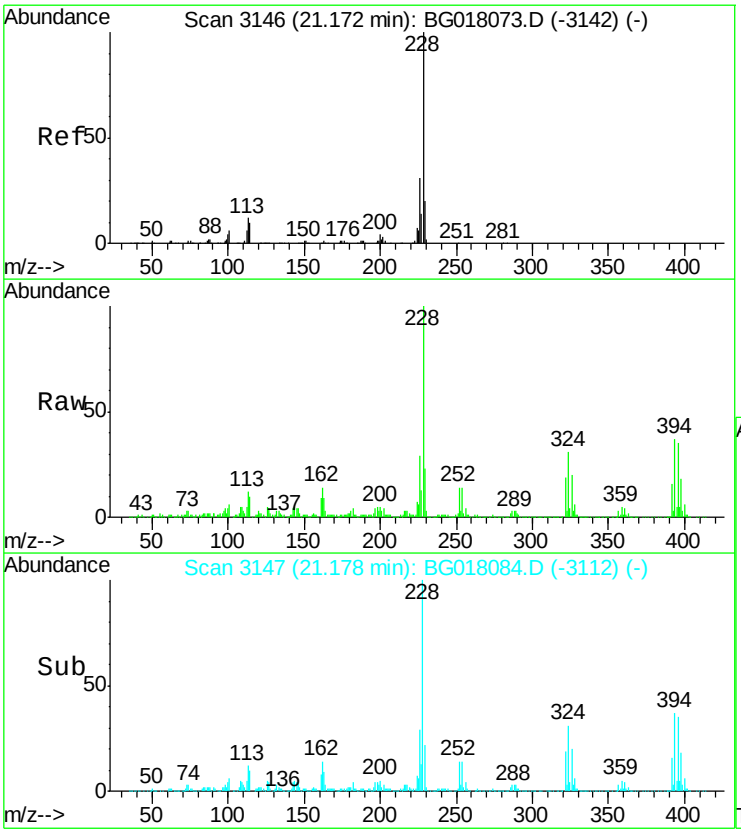
#84
Bis(2-ethylhexyl)phthalate
Concen: 15.67 ng/ul
RT: 21.07 min Scan# 3129
Delta R.T. 0.00 min
Lab File: BG018084.D
Acq: 24 Jul 2015 2:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 193199

Ion	Ratio	Lower	Upper
149	100		
167	32.5	26.2	39.4
279	8.7	7.2	10.8

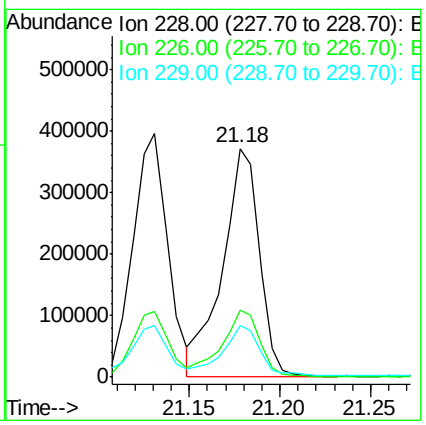


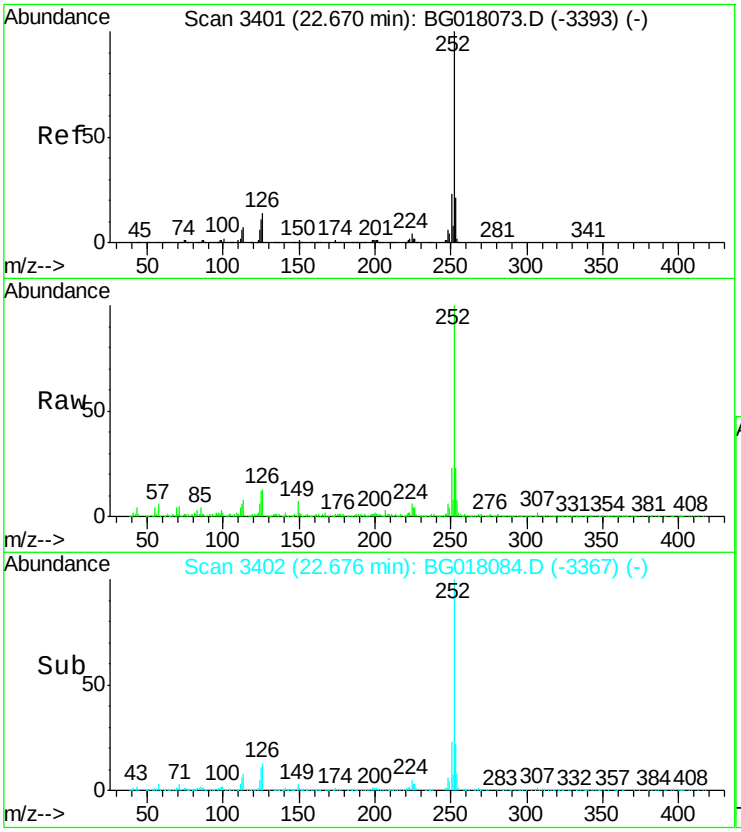


#85
Chrysene
Concen: 28.57 ng/ul
RT: 21.18 min Scan# 3147
Delta R.T. 0.01 min
Lab File: BG018084.D
Acq: 24 Jul 2015 2:42

Tgt Ion:228 Resp: 522528

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.9	34.3
229	22.9	15.6	23.4



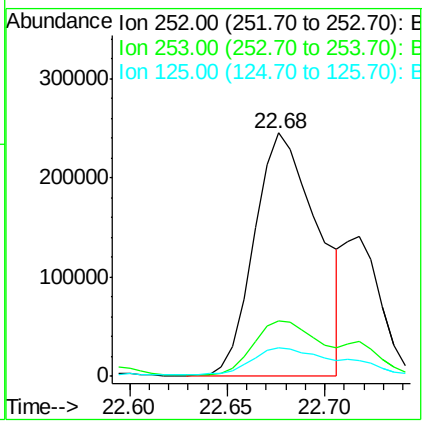


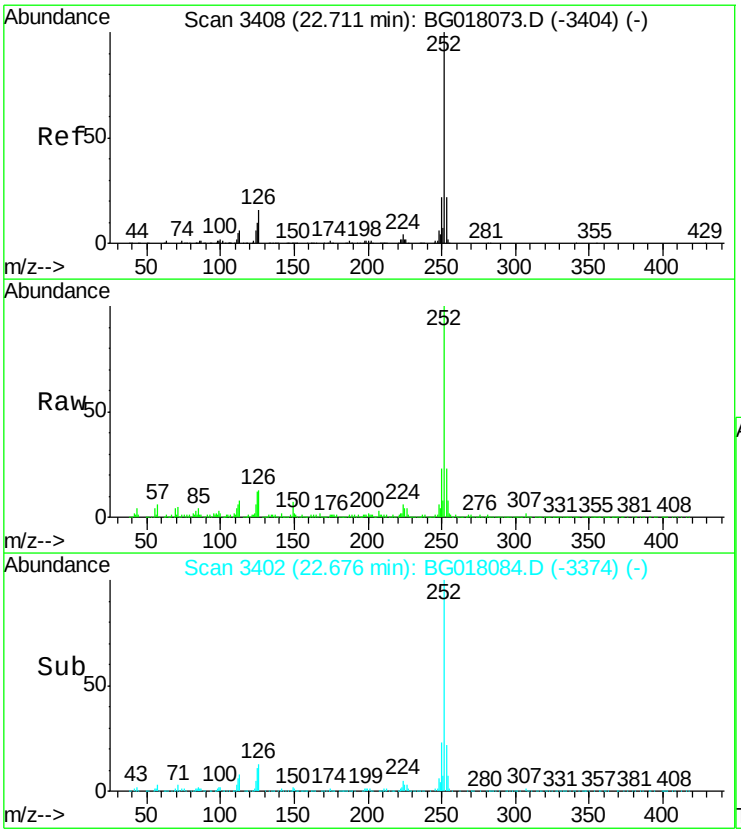
#88
Benzo(b)fluoranthene
Concen: 26.85 ng/ul
RT: 22.68 min Scan# 3402
Delta R.T. 0.01 min
Lab File: BG018084.D
Acq: 24 Jul 2015 2:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 552200

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.5	27.7
125	11.6	9.1	13.7

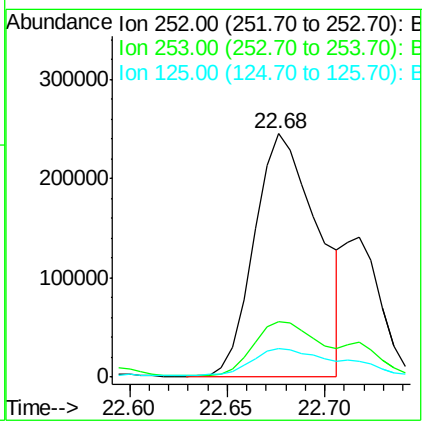


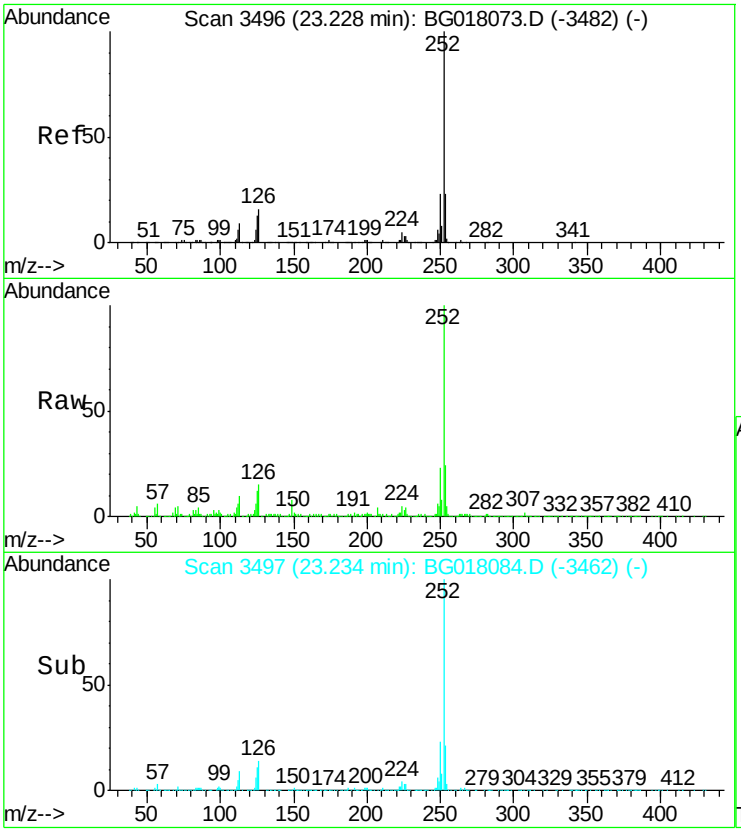


#89
Benzo(k)fluoranthene
Concen: 27.74 ng/ul
RT: 22.68 min Scan# 3402
Delta R.T. -0.03 min
Lab File: BG018084.D
Acq: 24 Jul 2015 2:42

Tgt Ion:252 Resp: 552200

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	11.6	9.3	13.9



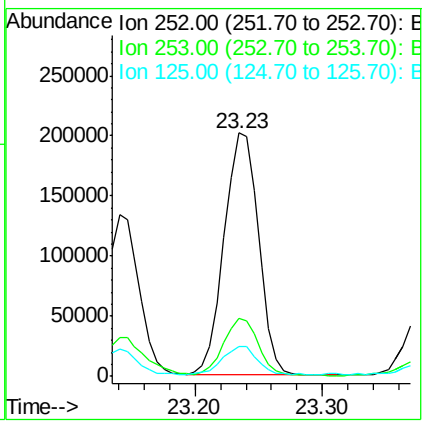


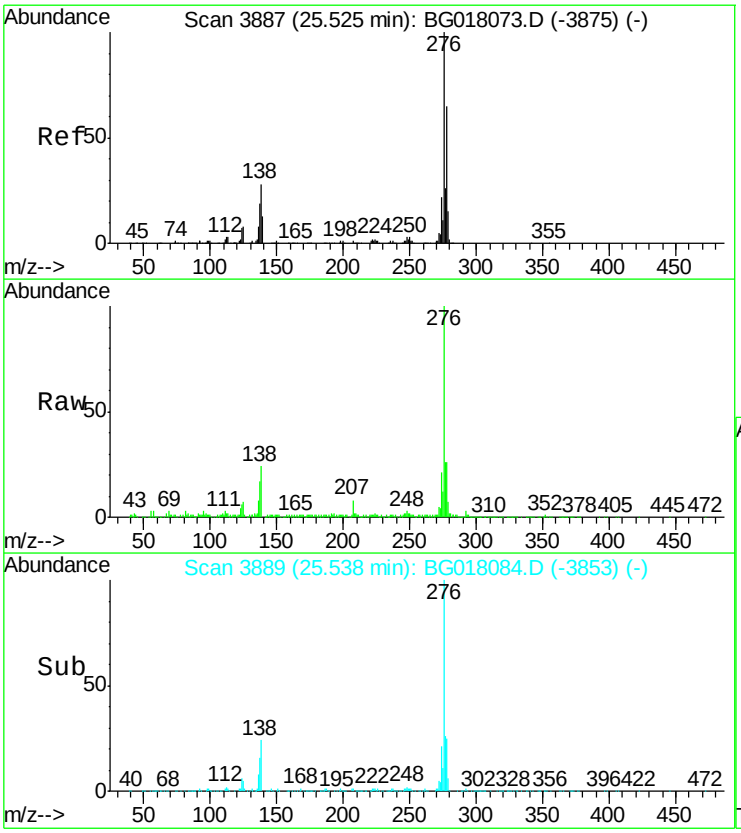
#91
Benzo(a)pyrene
Concen: 19.04 ng/ul
RT: 23.23 min Scan# 3497
Delta R.T. 0.01 min
Lab File: BG018084.D
Acq: 24 Jul 2015 2:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 379347

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.0	27.0
125	12.4	10.2	15.2

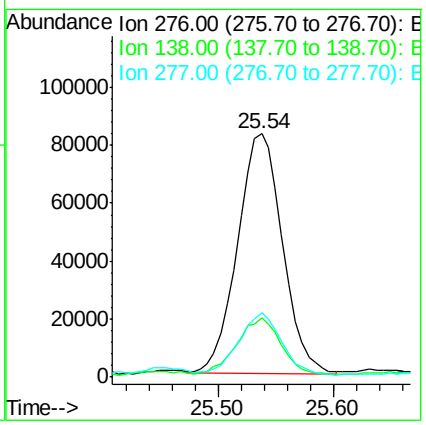


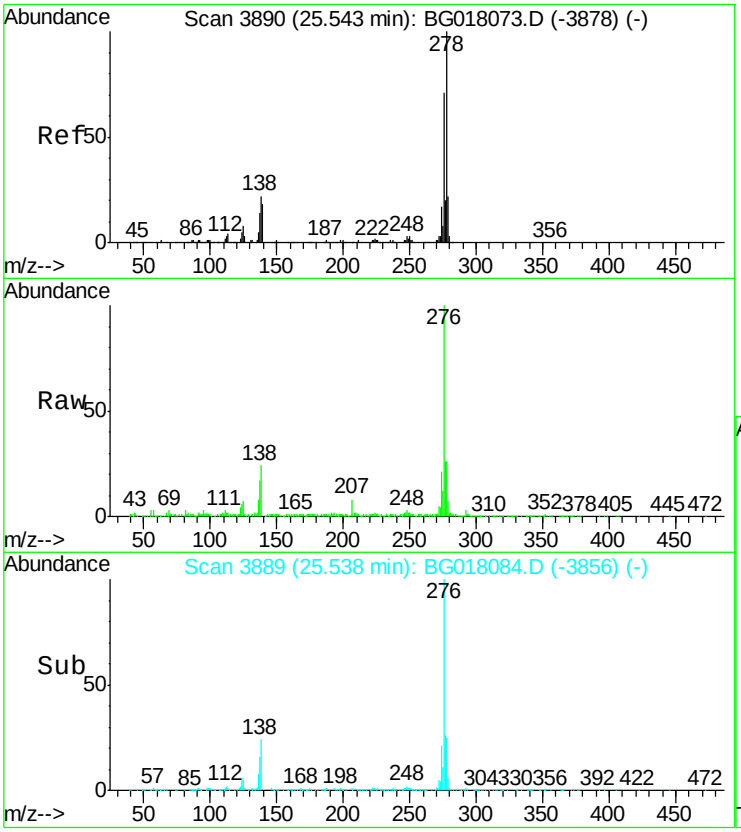


#92
Indeno(1,2,3-cd)pyrene
Concen: 9.75 ng/ul
RT: 25.54 min Scan# 3889
Delta R.T. 0.01 min
Lab File: BG018084.D
Acq: 24 Jul 2015 2:42

Tgt Ion:276 Resp: 223985

Ion	Ratio	Lower	Upper
276	100		
138	24.4	22.6	33.8
277	26.3	19.8	29.8



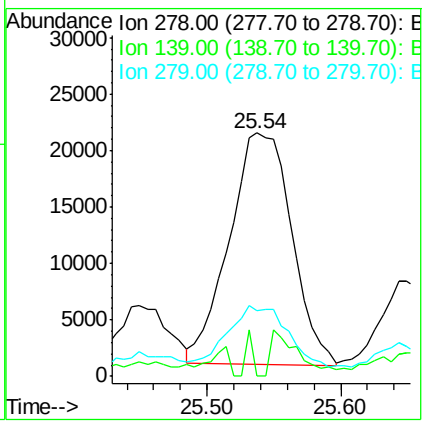


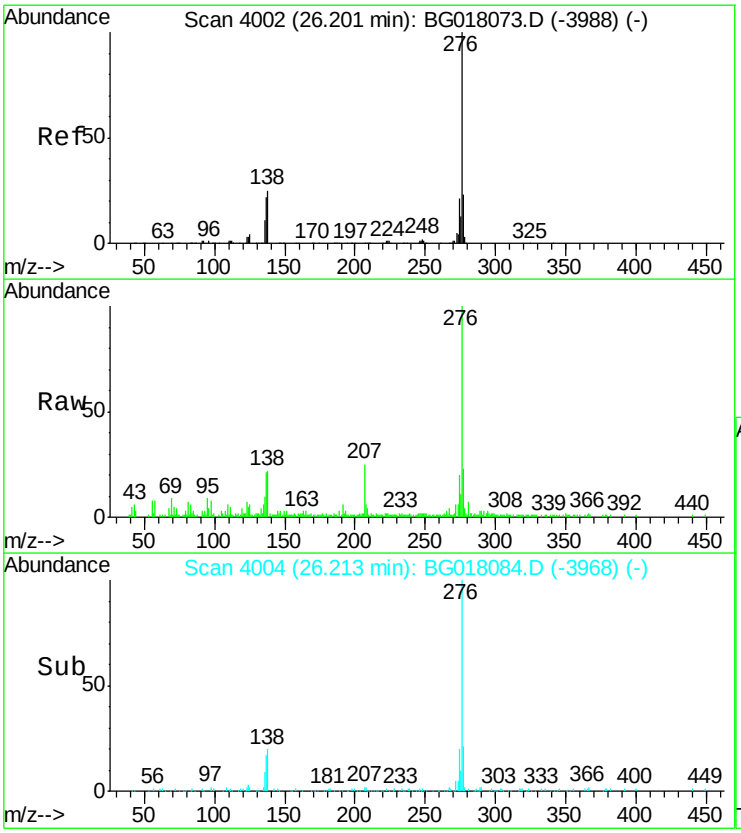
#93
Dibenzo(a,h)anthracene
Concen: 3.41 ng/ul
RT: 25.54 min Scan# 3889
Delta R.T. -0.01 min
Lab File: BG018084.D
Acq: 24 Jul 2015 2:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 66830

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.7	20.5#
279	26.9	18.1	27.1





#94
Benzo(g,h,i)perylene
Concen: 4.87 ng/ul
RT: 26.21 min Scan# 4004
Delta R.T. 0.01 min
Lab File: BG018084.D
Acq: 24 Jul 2015 2:42

Tgt Ion:276 Resp: 92411

Ion	Ratio	Lower	Upper
276	100		
138	21.8	18.8	28.2
277	23.3	19.3	28.9