Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072315\
Data File : BG018086.D
Acq On : 24 Jul 2015 3:52
Operator : TP/UM
Sample : G3035-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jul 24 06:46:41 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	56149	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	273865	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	171753	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	354649	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	366854	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	356787	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	1108	1.23	ng/uL	0.00
5) Phenol-d5	6.70	99	40495	9.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	21093	9.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	38168	9.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	37038	9.64	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	21093	9.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	22338	9.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	39287	9.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	1223	0.26	ng/ul	0.00
44) Dimethylphthalate-d6	13.60	166	122519	10.16	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	148333	10.01	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	21772	8.58	ng/ul	0.00
58) Fluorene-d10	15.18	176	109730	9.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	14766	6.51	ng/ul	0.00
71) Anthracene-d10	17.04	188	150857	9.82	ng/ul	0.00
79) Pyrene-d10	19.34	212	152048	9.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.18	264	134667	7.91	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.72	94	5253	1.19	ng/ul	94
14) Acetophenone	8.33	105	9970	1.84	ng/ul	87
28) Naphthalene	10.35	128	1021348	79.61	ng/ul	98
30) 4-Chloroaniline	10.35	127	141597	29.69	ng/ul#	5
34) 2-Methylnaphthalene	11.97	142	693989	71.63	ng/ul	100
35) 1-Methylnaphthalene	12.20	142	347574	36.75	ng/ul	100
41) 1,1'-Biphenyl	13.01	154	202820	17.25	ng/ul	99
45) Dimethylphthalate	13.64	163	39644	3.27	ng/ul	98
48) Acenaphthylene	13.90	152	30297	1.95	ng/ul#	89
50) Acenaphthene	14.25	153	938494	92.14	ng/ul	97
54) Dibenzofuran	14.58	168	970032	67.01	ng/ul	98
59) Fluorene	15.24	166	1026316	82.35	ng/ul	98
61) 4-Nitroaniline	15.24	138	12951	4.19	ng/ul#	26
70) Phenanthrene	17.07	178	489187	27.45	ng/ul	99
72) Anthracene	17.07	178	492607	27.23	ng/ul	98
75) Carbazole	17.34	167	225083	14.36	ng/ul	99
76) Di-n-butylphthalate	17.92	149	45559	2.21	ng/ul#	97
77) Fluoranthene	19.01	202	2115986	111.47	ng/ul#	93
80) Pyrene	19.38	202	1538198	73.22	ng/ul	95
83) Benzo(a)anthracene	21.13	228	465312	23.98	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.08	149	13439	1.09	ng/ul	95
85) Chrysene	21.18	228	396222	21.69	ng/ul	97
88) Benzo(b)fluoranthene	22.67	252	305017	15.60	ng/ul#	95

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072315\
Data File : BG018086.D
Acq On : 24 Jul 2015 3:52
Operator : TP/UM
Sample : G3035-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jul 24 06:46:41 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)
89) Benzo(k)fluoranthene	22.67	252	305017	16.12 ng/ul#	94
91) Benzo(a)pyrene	23.23	252	172692	9.12 ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	25.53	276	82536	3.78 ng/ul#	93
93) Dibenzo(a,h)anthracene	25.53	278	23595	1.27 ng/ul#	82
94) Benzo(g,h,i)perylene	26.20	276	43571	2.41 ng/ul	97

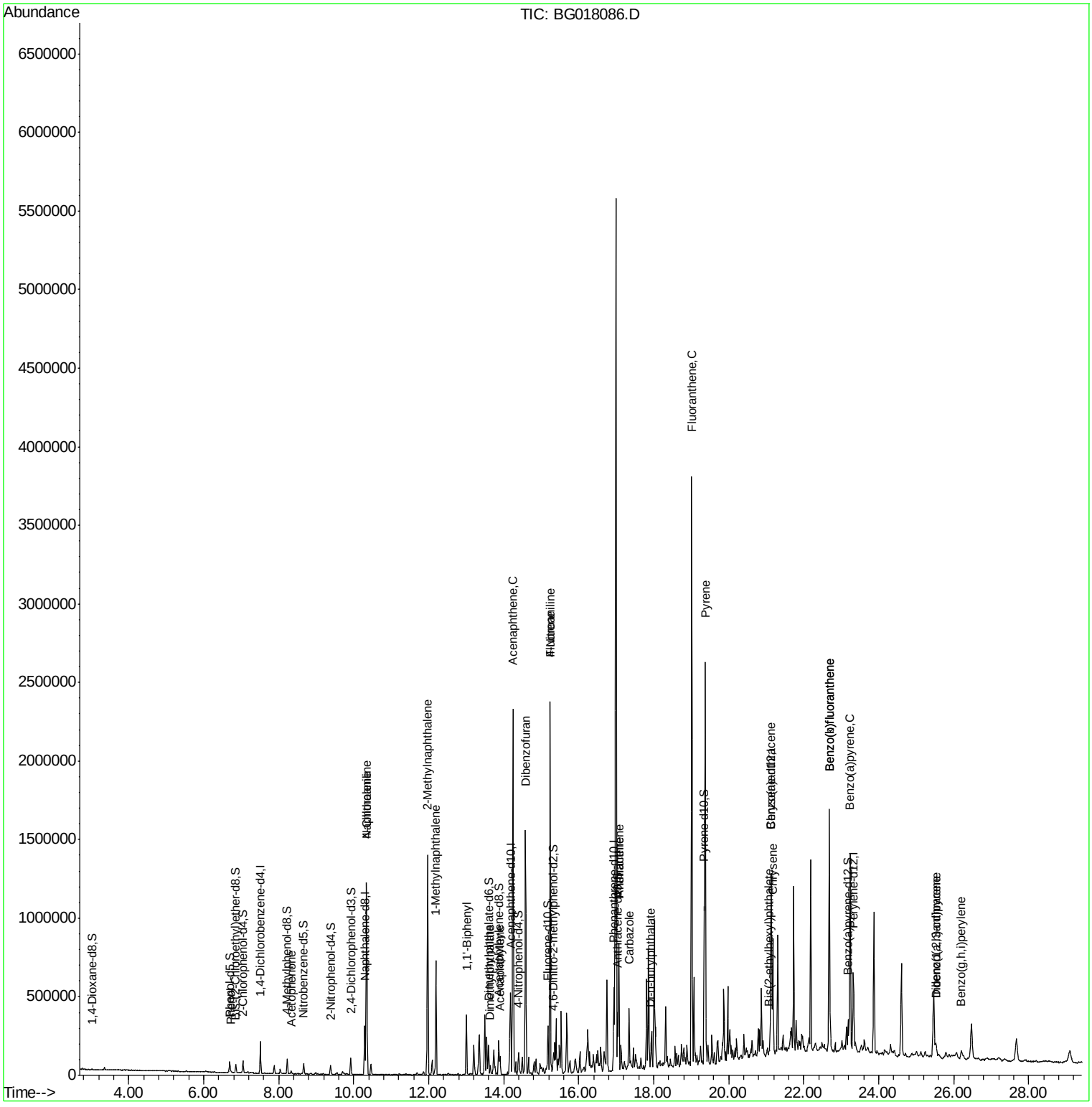
(#) = qualifier out of range (m) = manual integration (+) = signals summed

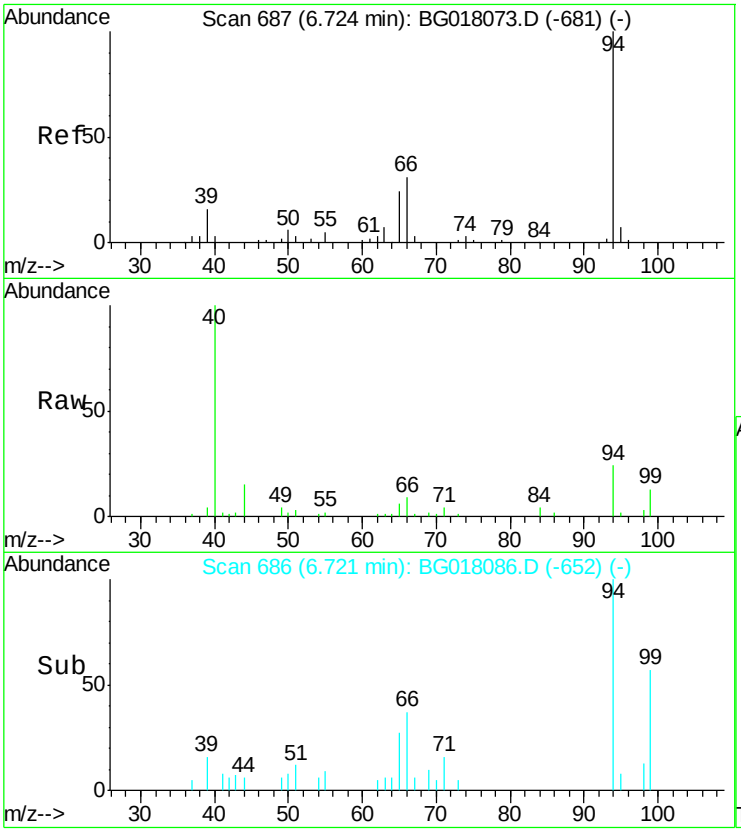
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072315\
Data File : BG018086.D
Acq On : 24 Jul 2015 3:52
Operator : TP/UM
Sample : G3035-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jul 24 06:46:41 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



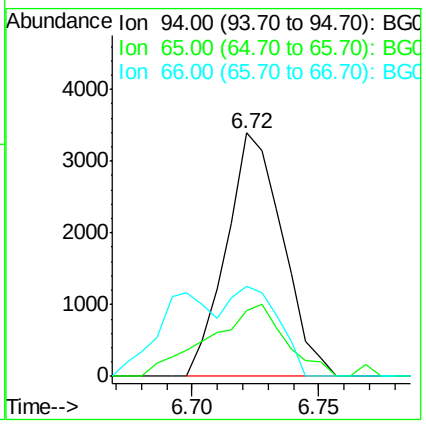


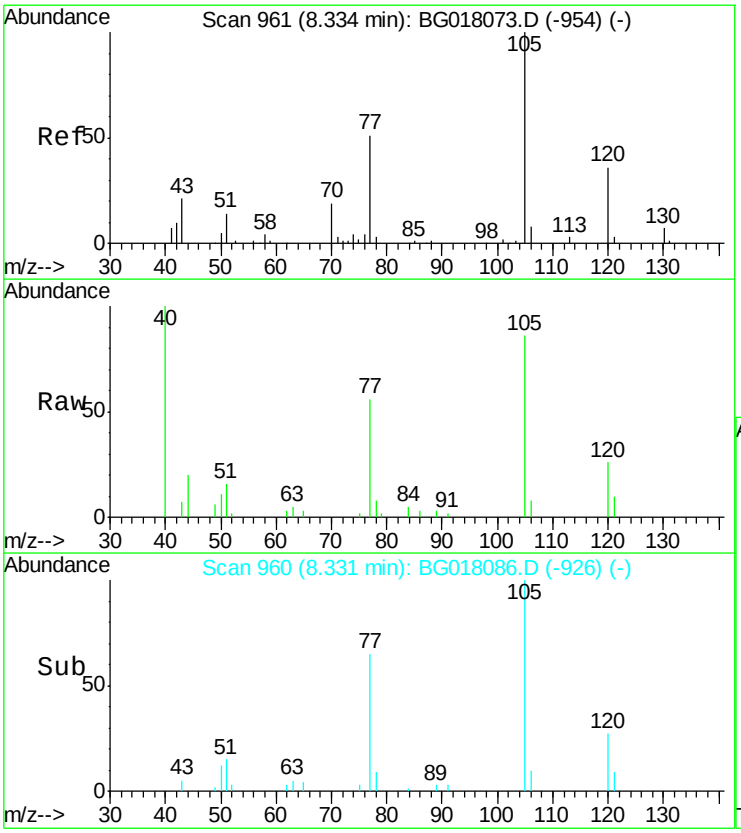
#6
Phenol
Concen: 1.19 ng/ul
RT: 6.72 min Scan# 686
Delta R.T. -0.00 min
Lab File: BG018086.D
Acq: 24 Jul 2015 3:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 94 Resp: 5253

Ion	Ratio	Lower	Upper
94	100		
65	27.2	20.1	30.1
66	36.8	25.9	38.9

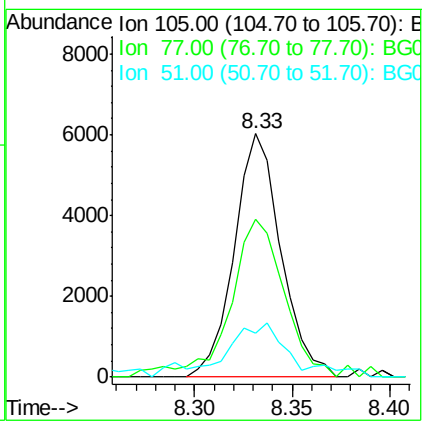


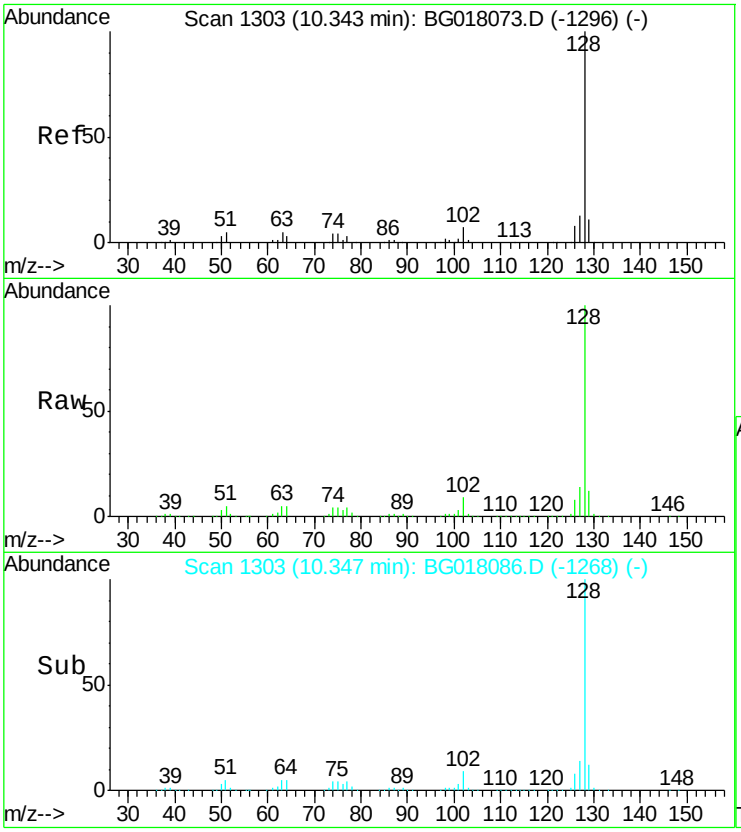


#14
Acetophenone
Concen: 1.84 ng/ul
RT: 8.33 min Scan# 960
Delta R.T. -0.00 min
Lab File: BG018086.D
Acq: 24 Jul 2015 3:52

Tgt Ion:105 Resp: 9970

Ion	Ratio	Lower	Upper
105	100		
77	64.6	61.7	92.5
51	18.2	18.1	27.1



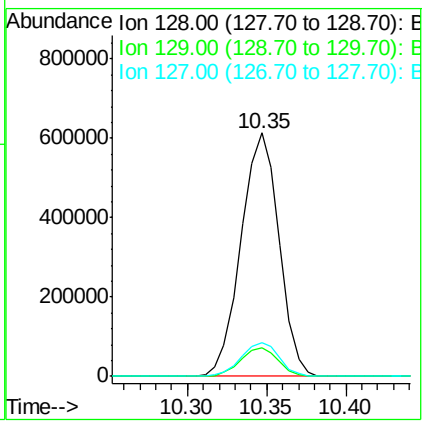


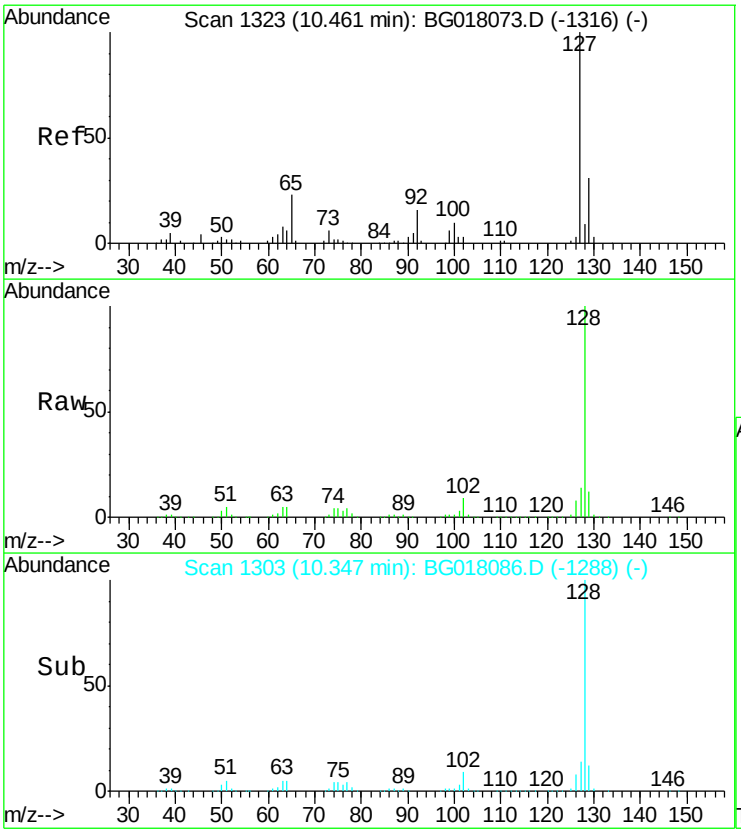
#28
Naphthalene
Concen: 79.61 ng/ul
RT: 10.35 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BG018086.D
Acq: 24 Jul 2015 3:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 1021348

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.5	14.3
127	14.1	10.1	15.1

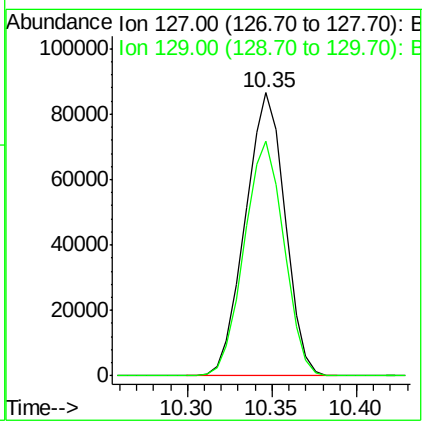


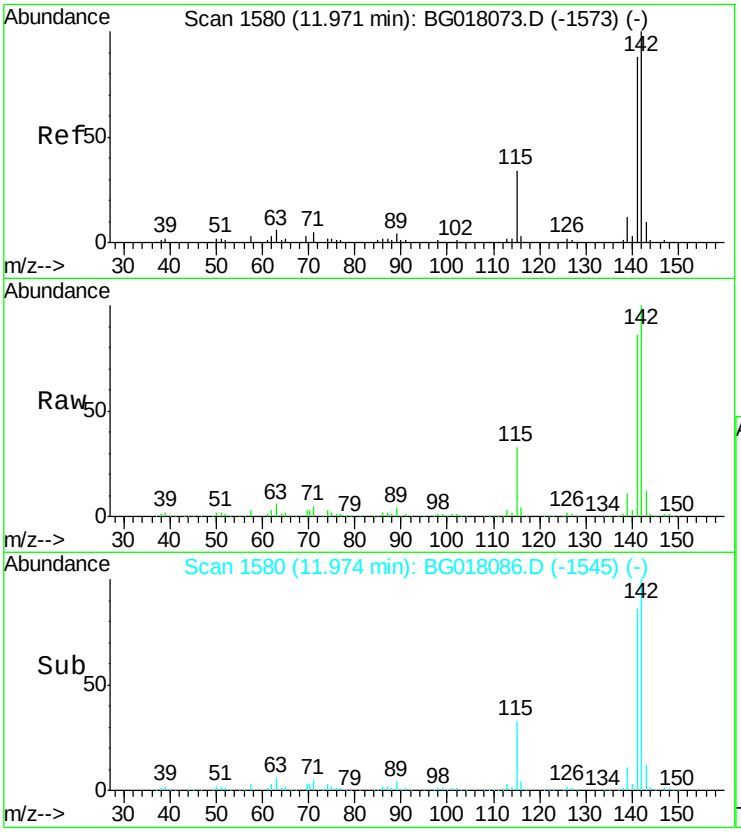


#30
4-Chloroaniline
Concen: 29.69 ng/ul
RT: 10.35 min Scan# 1303
Delta R.T. -0.11 min
Lab File: BG018086.D
Acq: 24 Jul 2015 3:52

Tgt Ion:127 Resp: 141597

Ion	Ratio	Lower	Upper
127	100		
129	83.0	24.7	37.1#



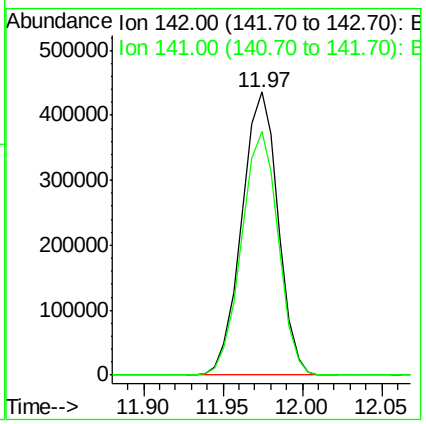


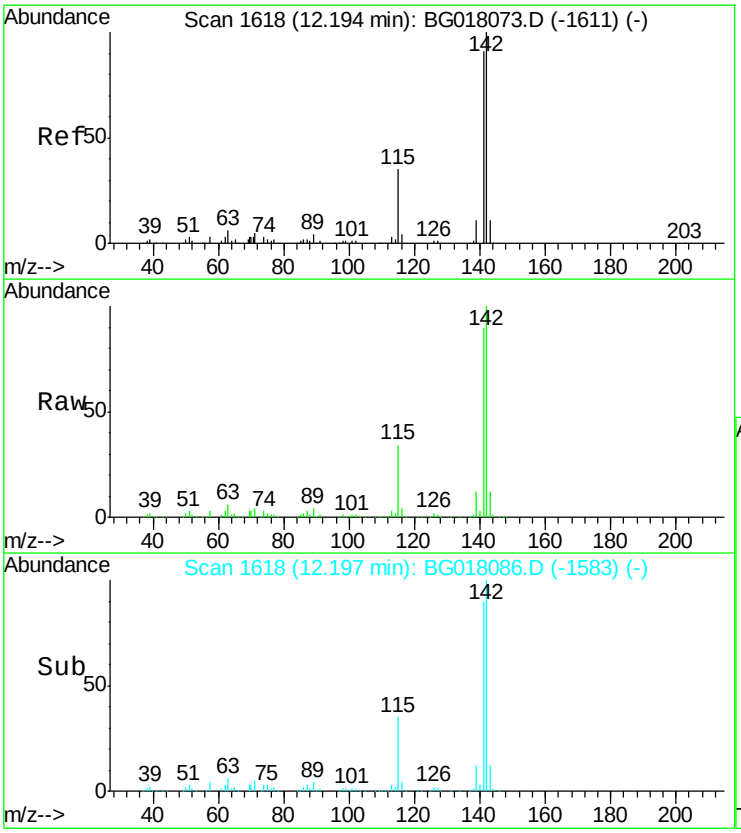
#34
2-Methylnaphthalene
Concen: 71.63 ng/ul
RT: 11.97 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BG018086.D
Acq: 24 Jul 2015 3:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 693989

Ion	Ratio	Lower	Upper
142	100		
141	86.3	69.4	104.0

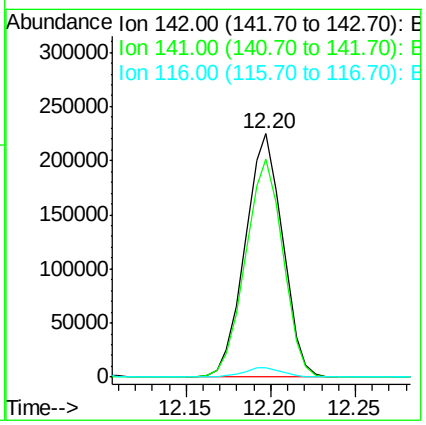


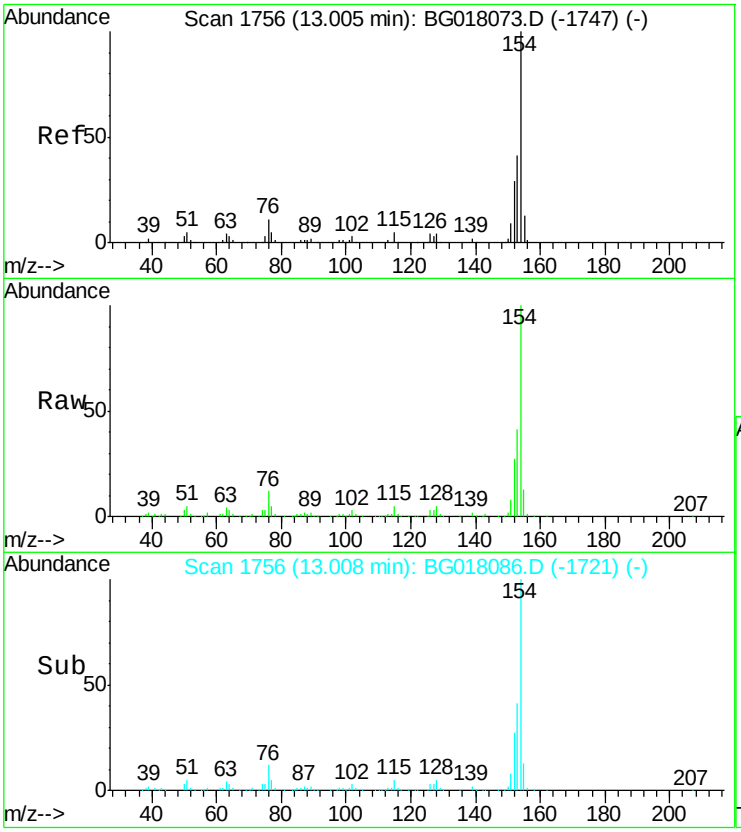


#35
1-Methylnaphthalene
Concen: 36.75 ng/ul
RT: 12.20 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BG018086.D
Acq: 24 Jul 2015 3:52

Tgt Ion:142 Resp: 347574

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.8	107.6
116	4.0	3.2	4.8



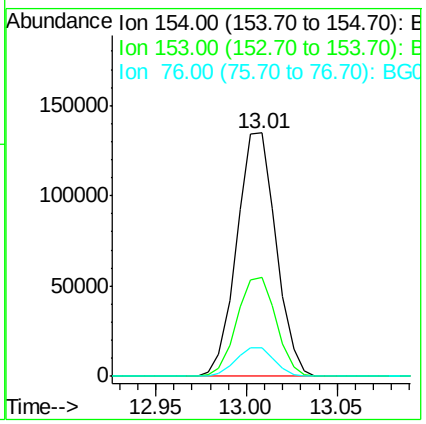


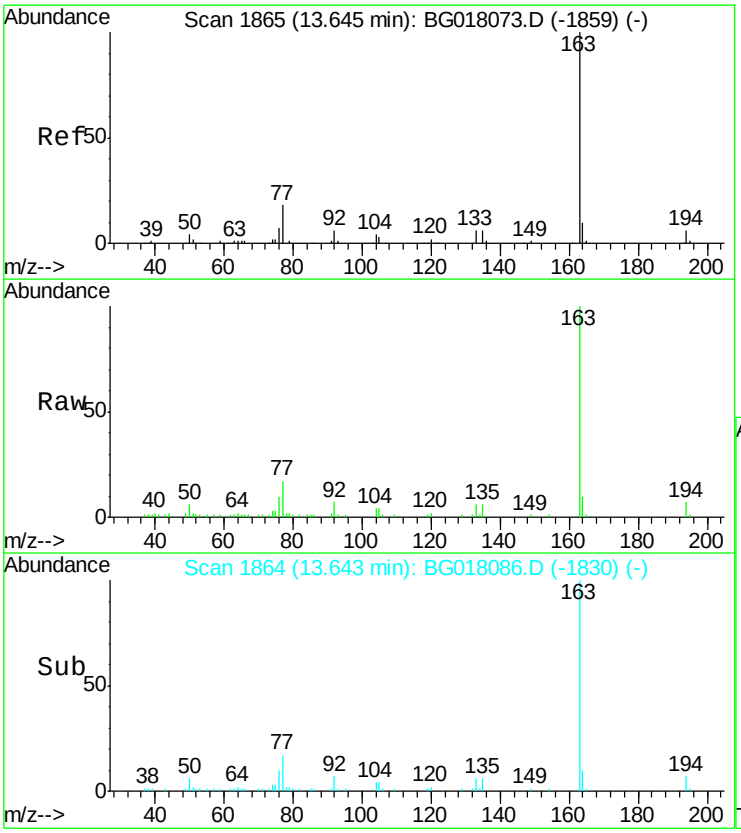
#41
1,1'-Biphenyl
Concen: 17.25 ng/ul
RT: 13.01 min Scan# 1756
Delta R.T. 0.00 min
Lab File: BG018086.D
Acq: 24 Jul 2015 3:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 202820

Ion	Ratio	Lower	Upper
154	100		
153	40.7	33.1	49.7
76	11.6	9.7	14.5

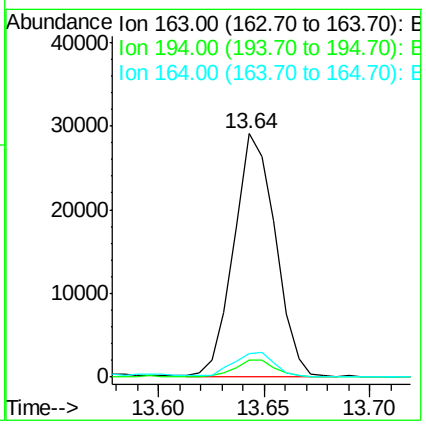


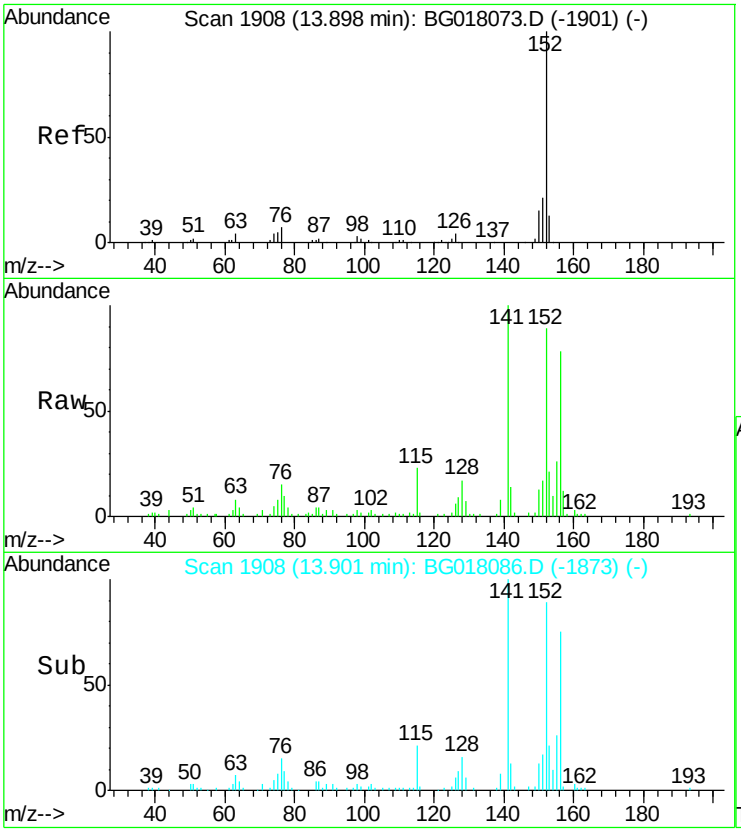


#45
Dimethylphthalate
Concen: 3.27 ng/ul
RT: 13.64 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BG018086.D
Acq: 24 Jul 2015 3:52

Tgt Ion:163 Resp: 39644

Ion	Ratio	Lower	Upper
163	100		
194	7.3	5.4	8.2
164	9.7	8.7	13.1



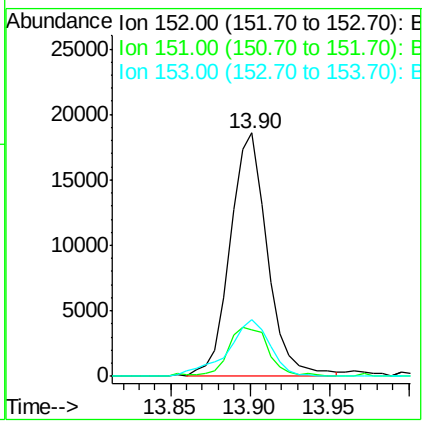


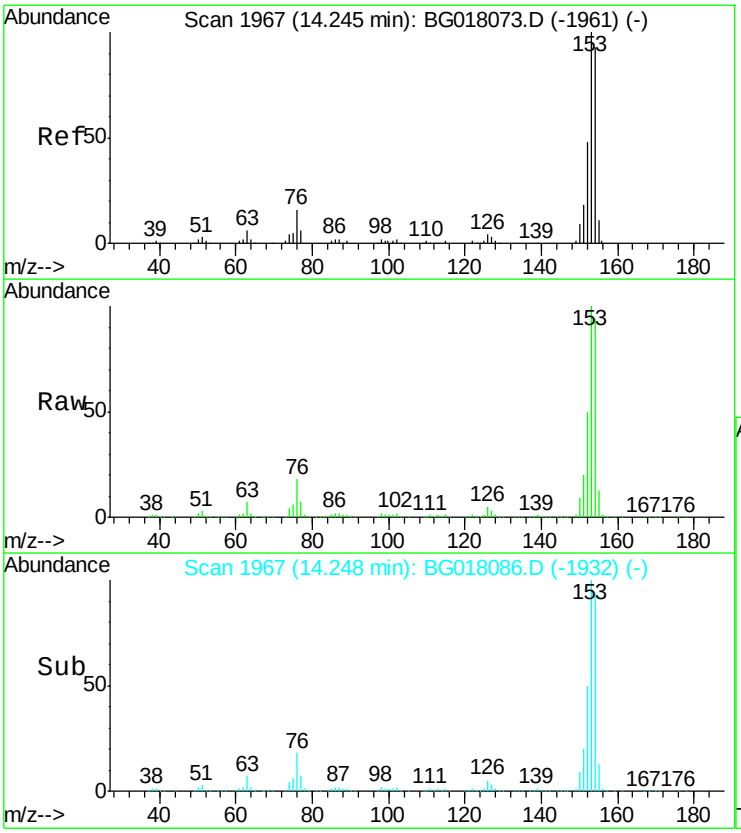
#48
Acenaphthylene
Concen: 1.95 ng/ul
RT: 13.90 min Scan# 1908
Delta R.T. 0.00 min
Lab File: BG018086.D
Acq: 24 Jul 2015 3:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 30297

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.6	25.0
153	23.4	11.3	16.9#

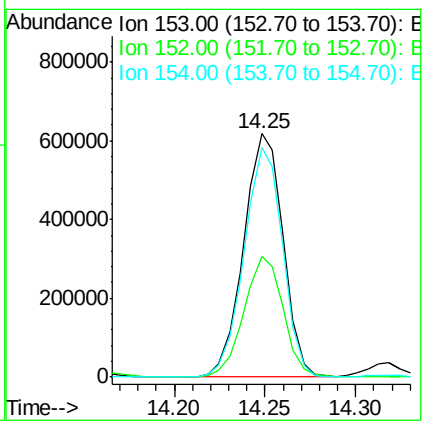


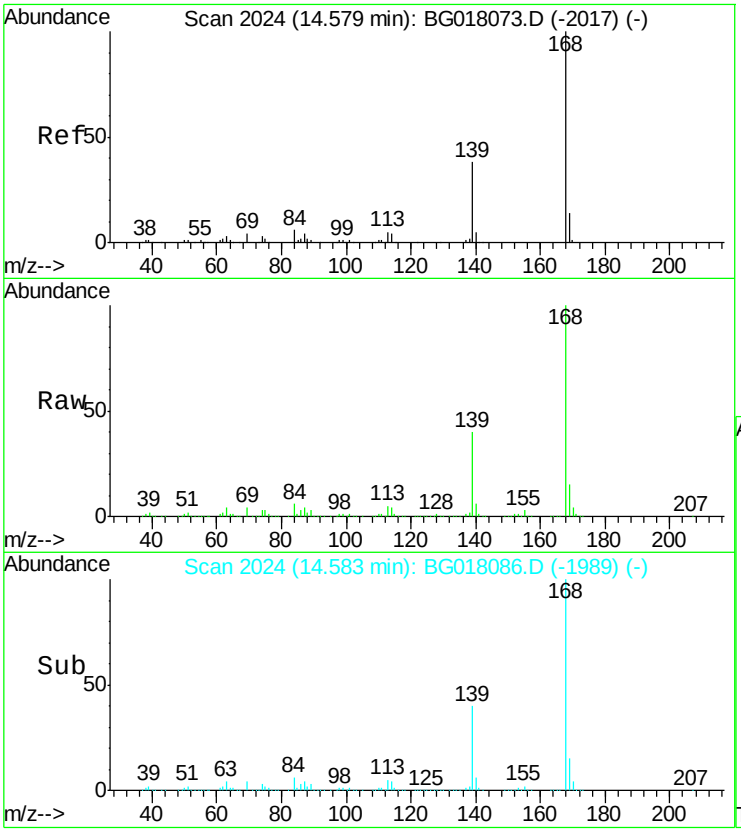


#50
Acenaphthene
Concen: 92.14 ng/ul
RT: 14.25 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BG018086.D
Acq: 24 Jul 2015 3:52

Tgt Ion:153 Resp: 938494

Ion	Ratio	Lower	Upper
153	100		
152	49.6	38.9	58.3
154	94.0	72.6	108.8



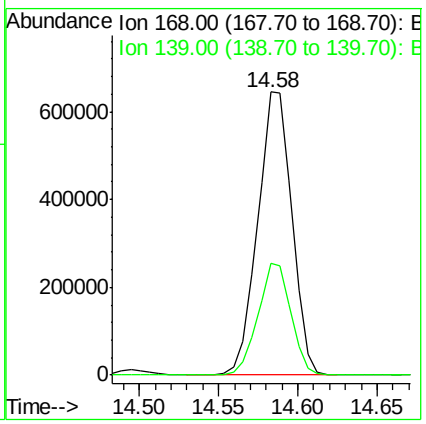


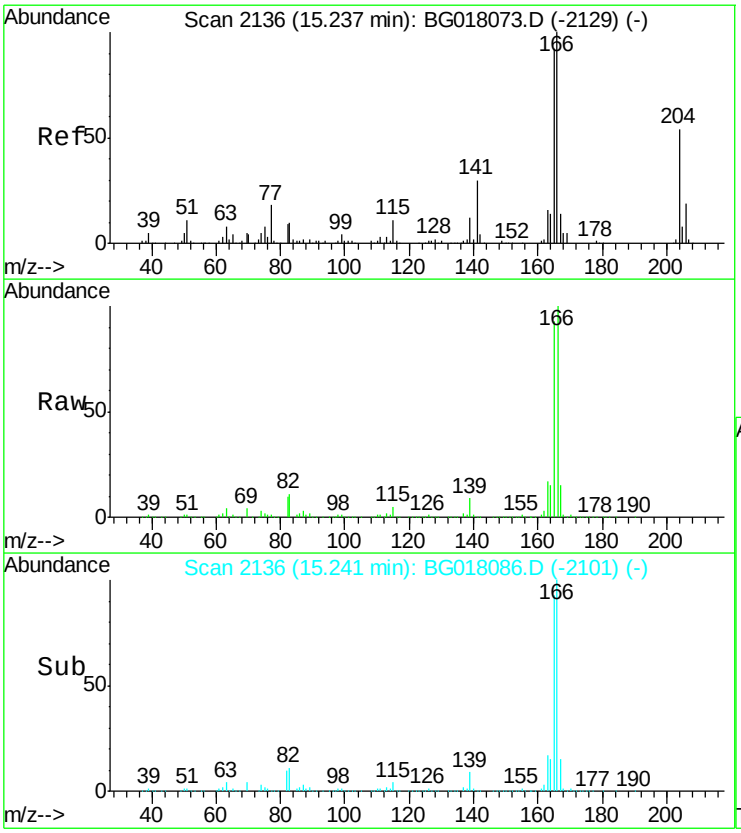
#54
Dibenzofuran
Concen: 67.01 ng/ul
RT: 14.58 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BG018086.D
Acq: 24 Jul 2015 3:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:168 Resp: 970032

Ion	Ratio	Lower	Upper
168	100		
139	39.7	30.6	46.0

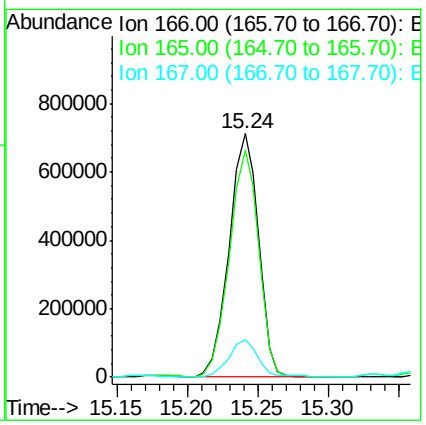


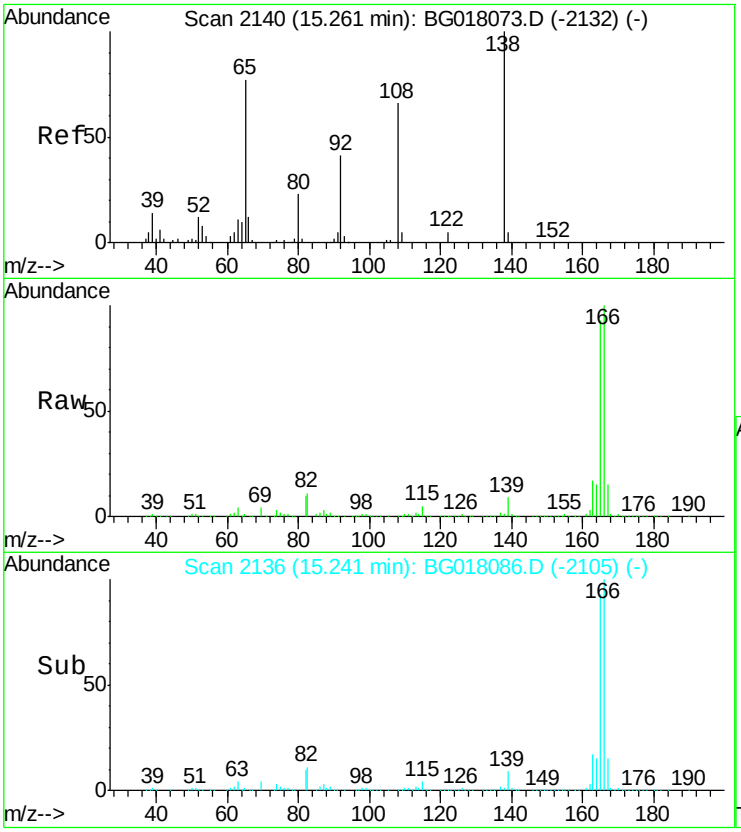


#59
Fluorene
Concen: 82.35 ng/ul
RT: 15.24 min Scan# 2136
Delta R.T. 0.00 min
Lab File: BG018086.D
Acq: 24 Jul 2015 3:52

Tgt Ion:166 Resp: 1026316

Ion	Ratio	Lower	Upper
166	100		
165	93.3	73.6	110.4
167	15.3	10.8	16.2



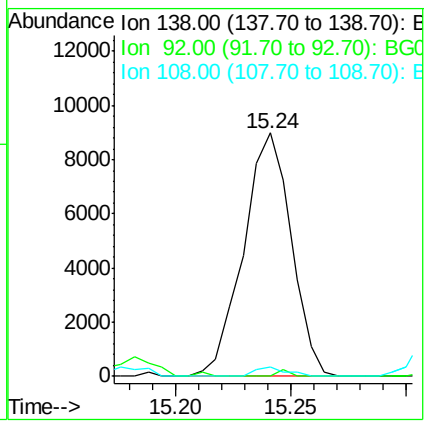


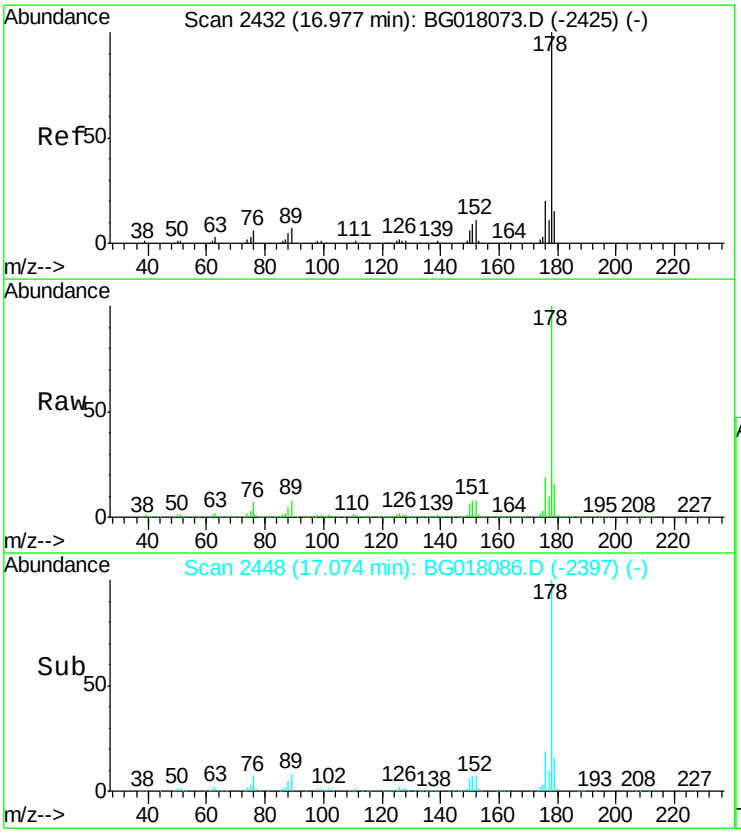
#61
4-Nitroaniline
Concen: 4.19 ng/ul
RT: 15.24 min Scan# 2136
Delta R.T. -0.02 min
Lab File: BG018086.D
Acq: 24 Jul 2015 3:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:138 Resp: 12951

Ion	Ratio	Lower	Upper
138	100		
92	0.0	35.8	53.8#
108	4.1	52.5	78.7#

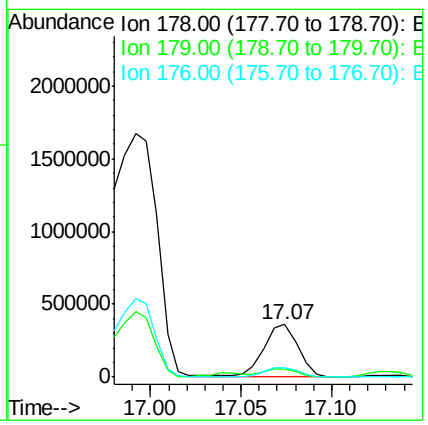


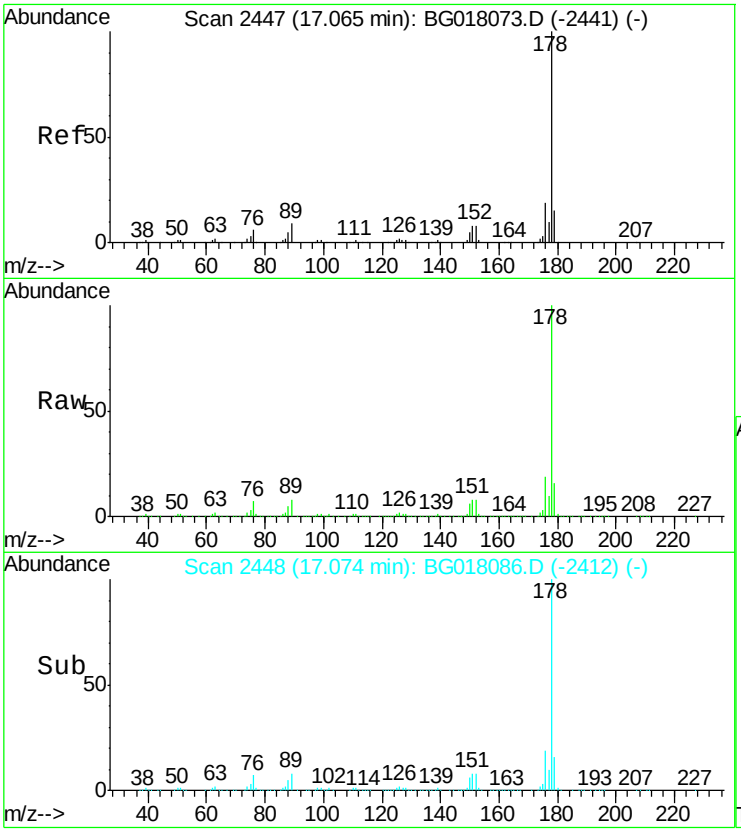


#70
Phenanthrene
Concen: 27.45 ng/ul
RT: 17.07 min Scan# 2448
Delta R.T. 0.10 min
Lab File: BG018086.D
Acq: 24 Jul 2015 3:52

Tgt Ion:178 Resp: 489187

Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.0	19.6
176	18.9	15.8	23.8



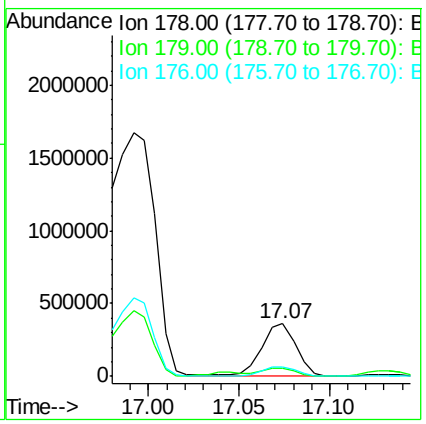


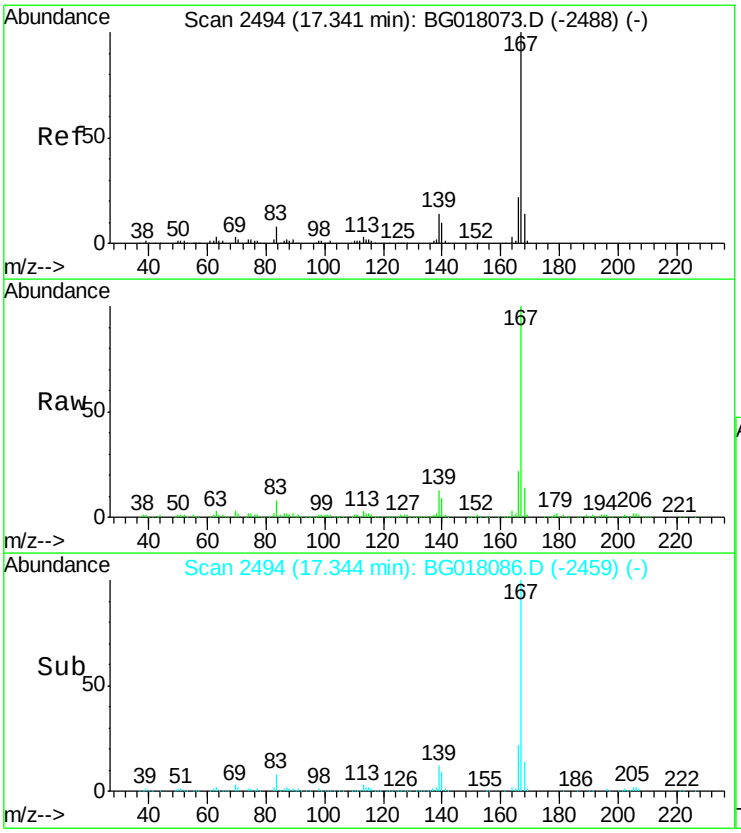
#72
Anthracene
Concen: 27.23 ng/ul
RT: 17.07 min Scan# 2448
Delta R.T. 0.01 min
Lab File: BG018086.D
Acq: 24 Jul 2015 3:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 492607

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.4	18.6
176	18.9	15.8	23.8

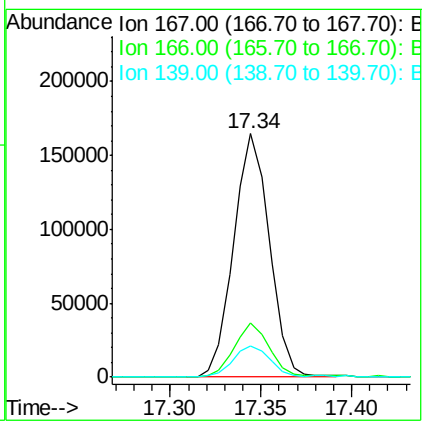


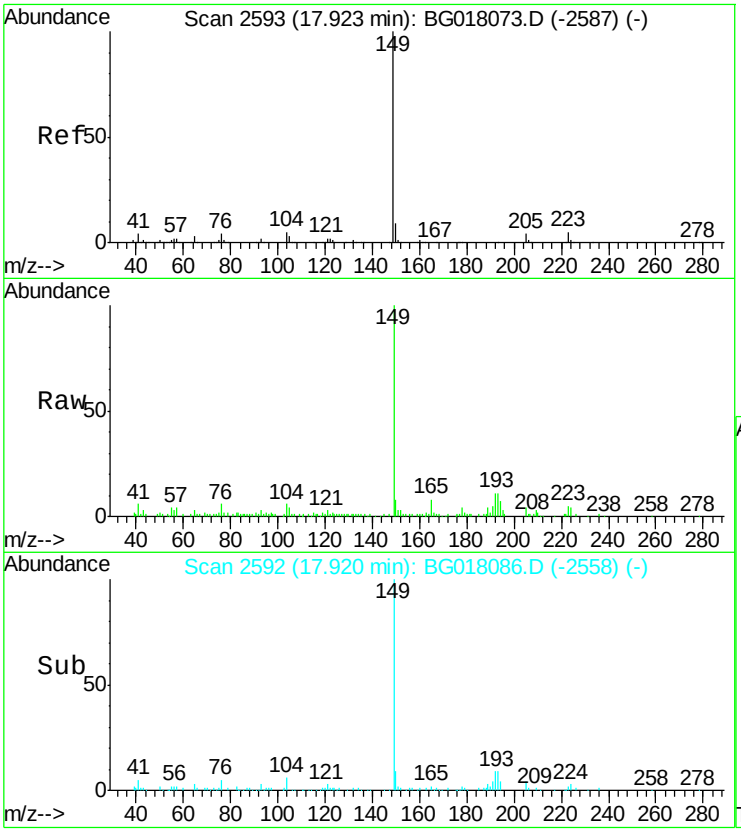


#75
Carbazole
Concen: 14.36 ng/ul
RT: 17.34 min Scan# 2494
Delta R.T. 0.00 min
Lab File: BG018086.D
Acq: 24 Jul 2015 3:52

Tgt Ion:167 Resp: 225083

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.4	26.2
139	12.7	10.6	15.8



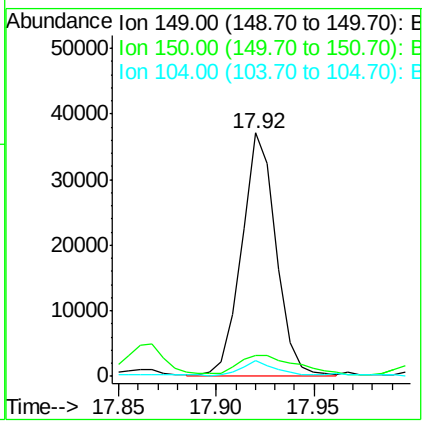


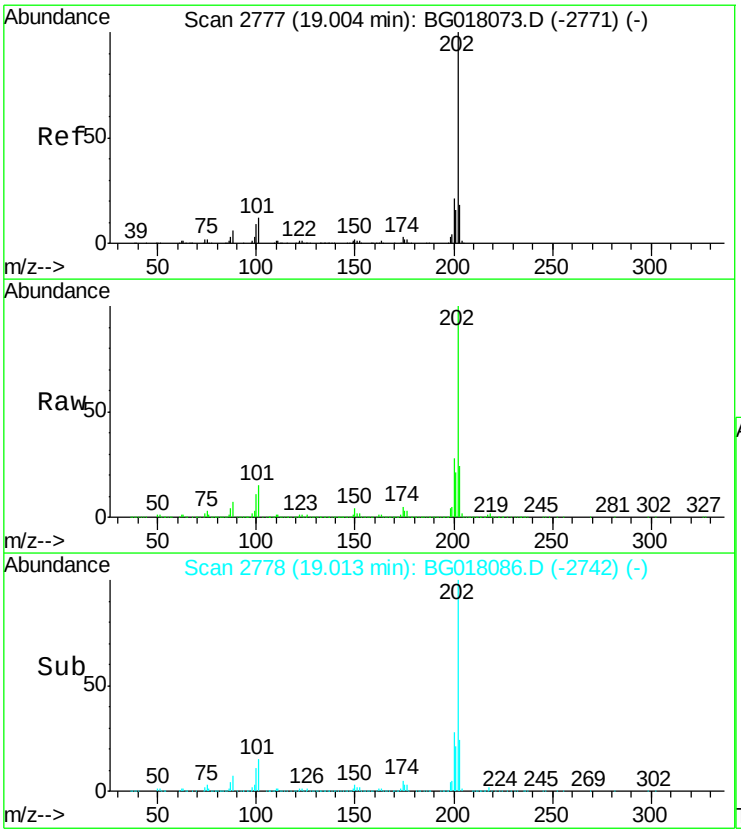
#76
Di-n-butylphthalate
Concen: 2.21 ng/ul
RT: 17.92 min Scan# 2592
Delta R.T. -0.00 min
Lab File: BG018086.D
Acq: 24 Jul 2015 3:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 45559

Ion	Ratio	Lower	Upper
149	100		
150	8.5	7.4	11.0
104	6.3	3.8	5.8#

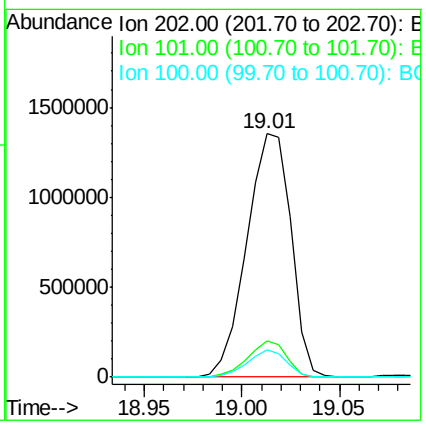


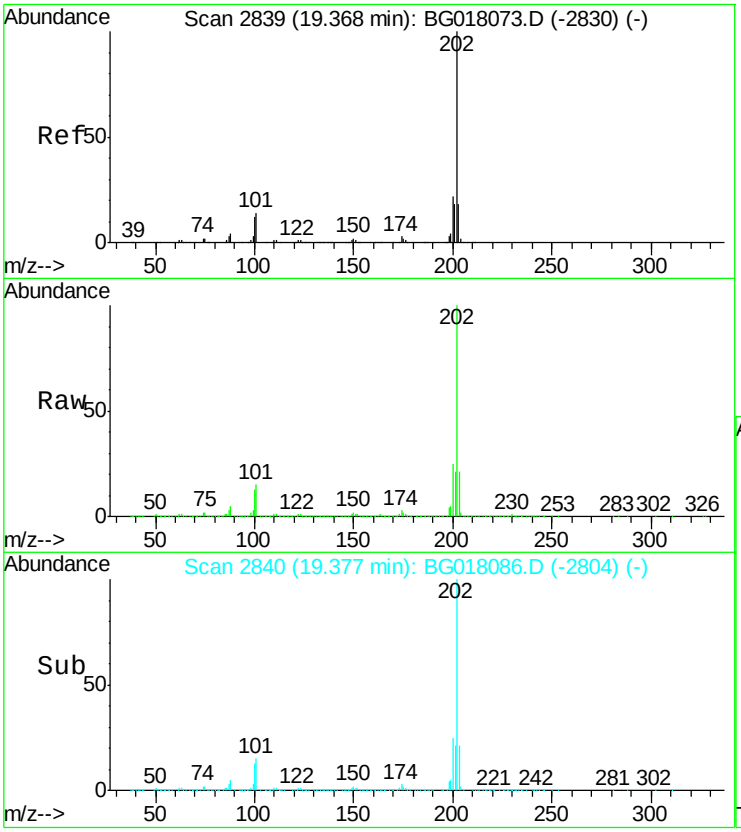


#77
Fluoranthene
Concen: 111.47 ng/ul
RT: 19.01 min Scan# 2778
Delta R.T. 0.01 min
Lab File: BG018086.D
Acq: 24 Jul 2015 3:52

Tgt Ion:202 Resp: 2115986

Ion	Ratio	Lower	Upper
202	100		
101	14.7	9.1	13.7#
100	11.3	7.5	11.3#



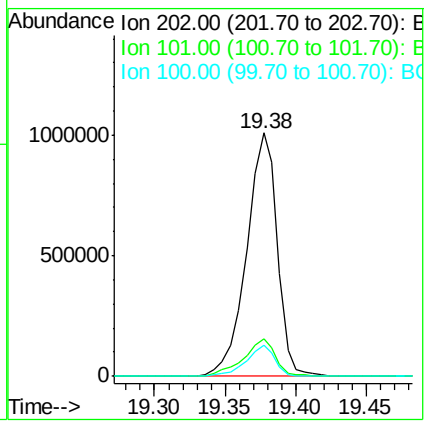


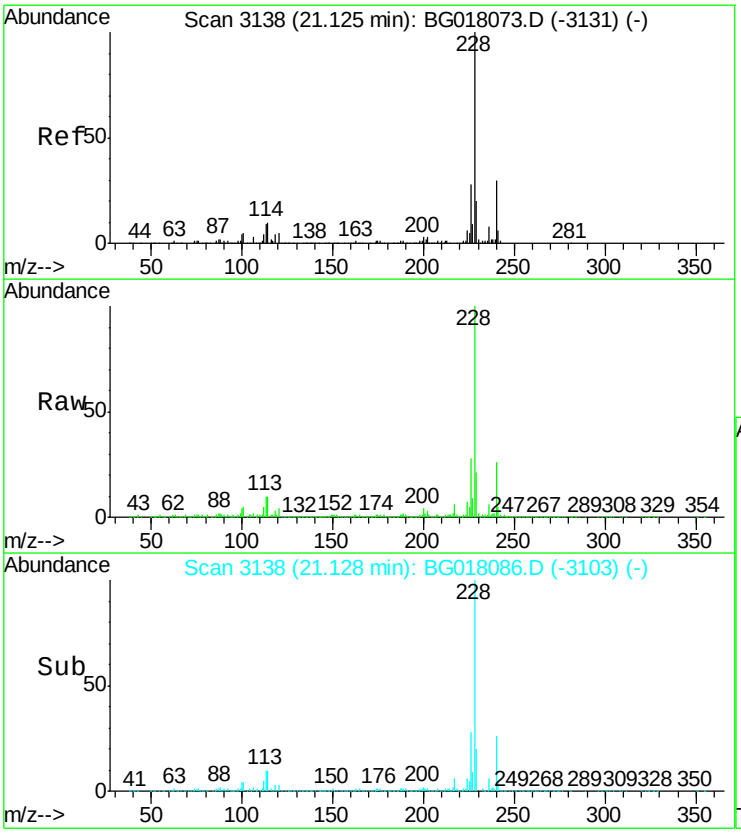
#80
Pyrene
Concen: 73.22 ng/ul
RT: 19.38 min Scan# 2840
Delta R.T. 0.01 min
Lab File: BG018086.D
Acq: 24 Jul 2015 3:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 1538198

Ion	Ratio	Lower	Upper
202	100		
101	15.3	10.9	16.3
100	12.6	8.5	12.7

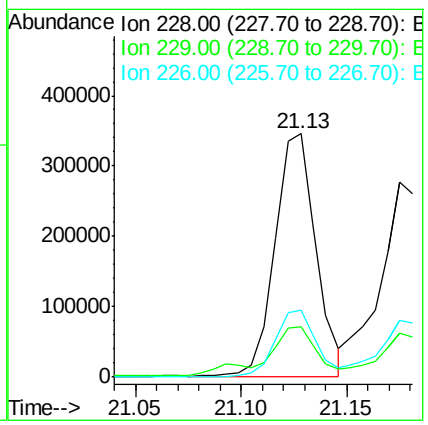


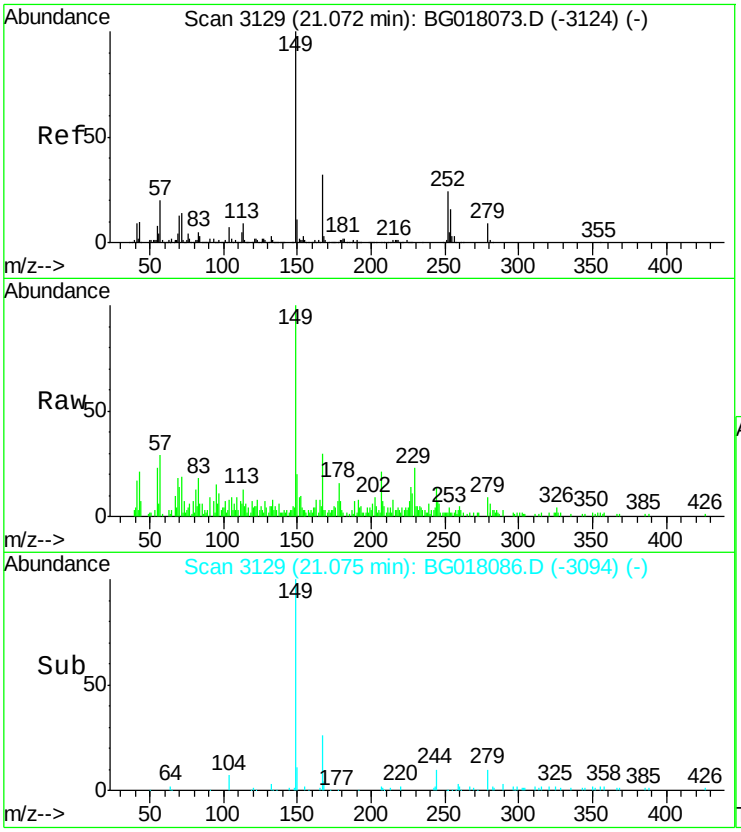


#83
Benzo(a)anthracene
Concen: 23.98 ng/ul
RT: 21.13 min Scan# 3138
Delta R.T. 0.00 min
Lab File: BG018086.D
Acq: 24 Jul 2015 3:52

Tgt Ion:228 Resp: 465312

Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.6	24.8
226	27.7	21.1	31.7



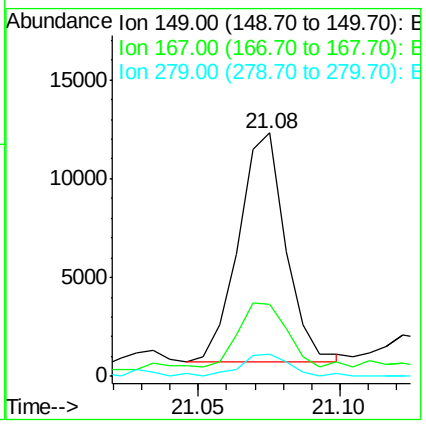


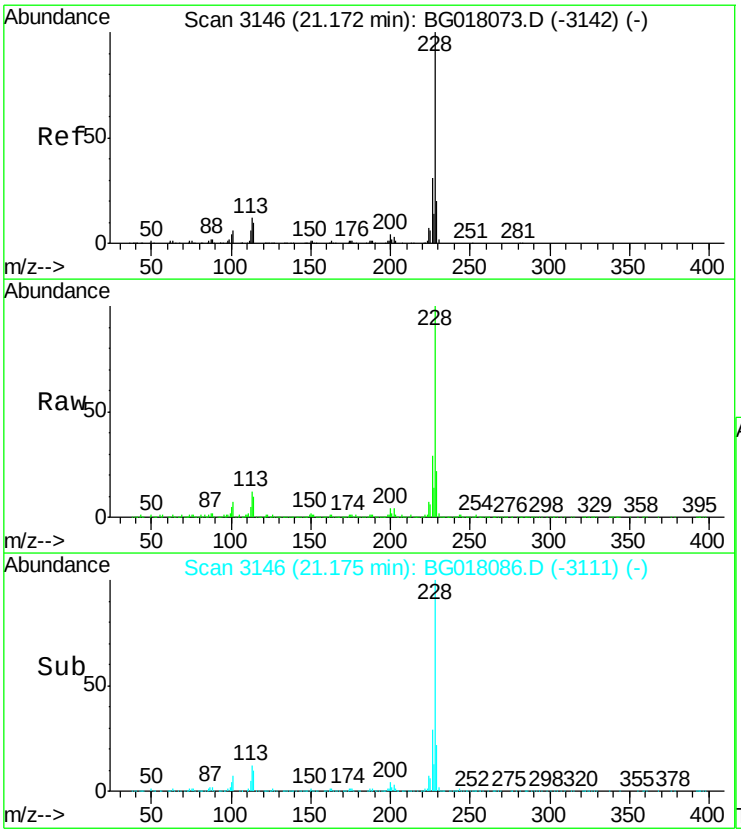
#84
Bis(2-ethylhexyl)phthalate
Concen: 1.09 ng/ul
RT: 21.08 min Scan# 3129
Delta R.T. 0.00 min
Lab File: BG018086.D
Acq: 24 Jul 2015 3:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 13439

Ion	Ratio	Lower	Upper
149	100		
167	29.6	26.2	39.4
279	9.3	7.2	10.8

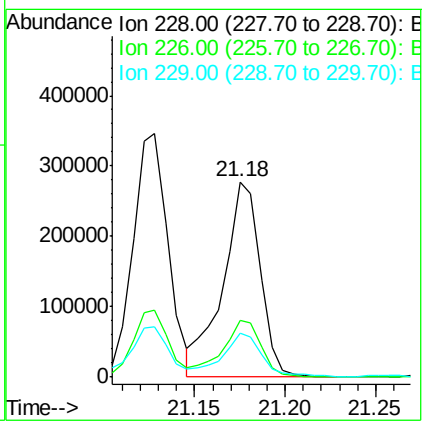


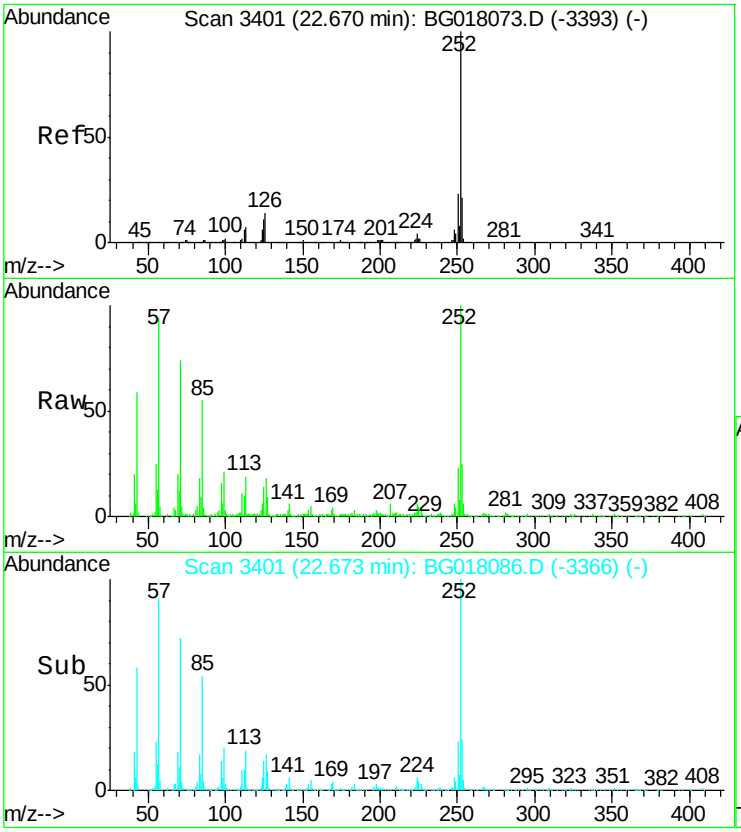


#85
Chrysene
Concen: 21.69 ng/ul
RT: 21.18 min Scan# 3146
Delta R.T. 0.00 min
Lab File: BG018086.D
Acq: 24 Jul 2015 3:52

Tgt Ion:228 Resp: 396222

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.9	34.3
229	22.2	15.6	23.4



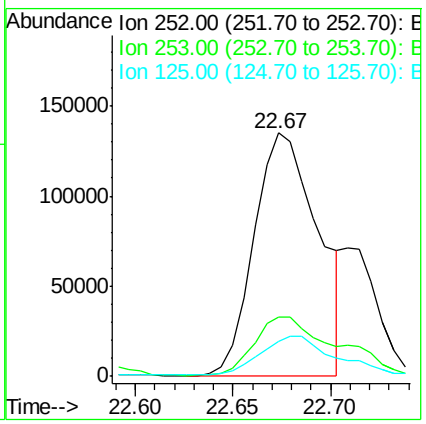


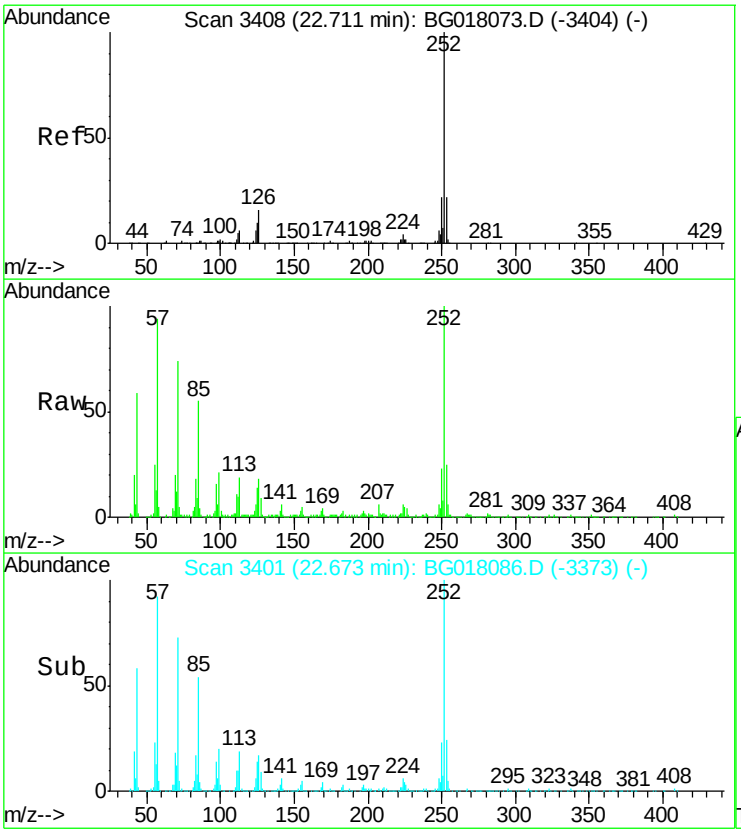
#88
Benzo(b)fluoranthene
Concen: 15.60 ng/ul
RT: 22.67 min Scan# 3401
Delta R.T. 0.00 min
Lab File: BG018086.D
Acq: 24 Jul 2015 3:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 305017

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.5	27.7
125	14.3	9.1	13.7#

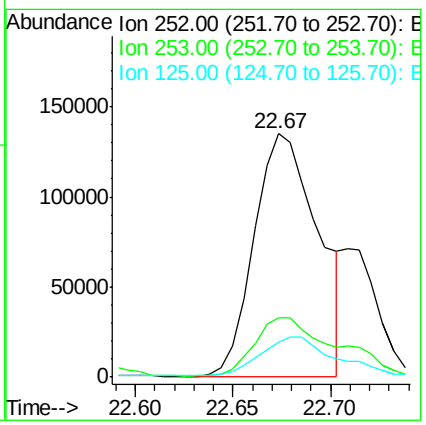


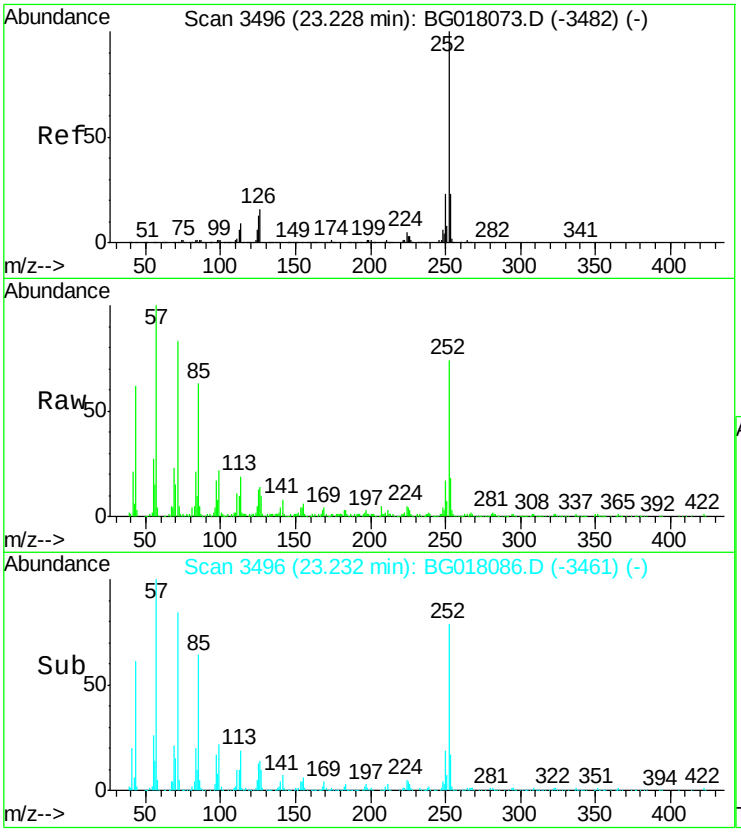


#89
Benzo(k)fluoranthene
Concen: 16.12 ng/ul
RT: 22.67 min Scan# 3401
Delta R.T. -0.04 min
Lab File: BG018086.D
Acq: 24 Jul 2015 3:52

Tgt Ion:252 Resp: 305017

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.8	26.8
125	14.3	9.3	13.9#



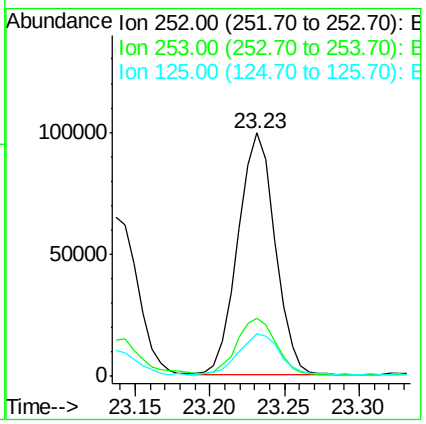


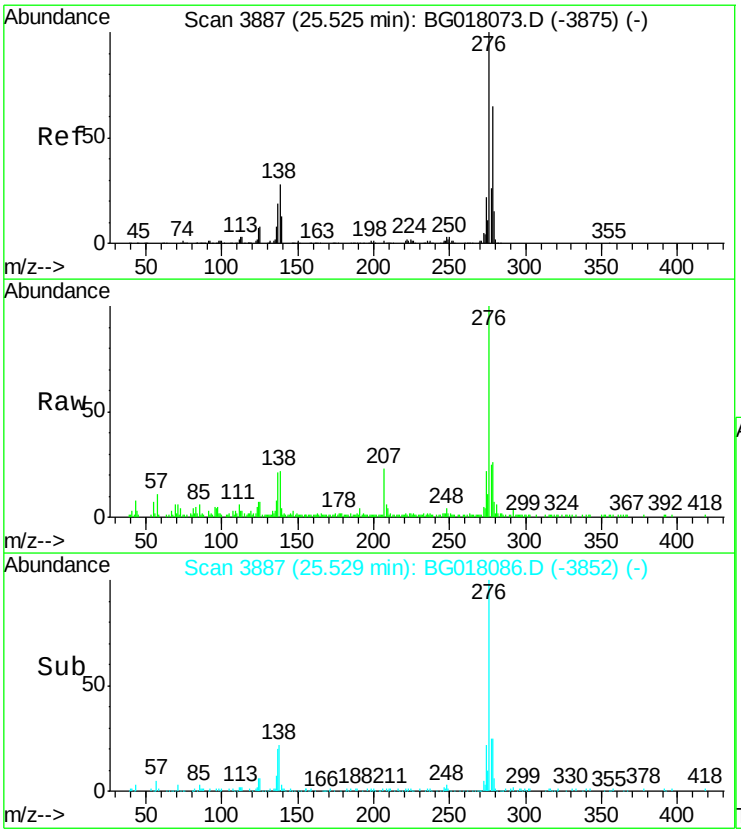
#91
Benzo(a)pyrene
Concen: 9.12 ng/ul
RT: 23.23 min Scan# 3496
Delta R.T. 0.00 min
Lab File: BG018086.D
Acq: 24 Jul 2015 3:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 172692

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	17.3	10.2	15.2#

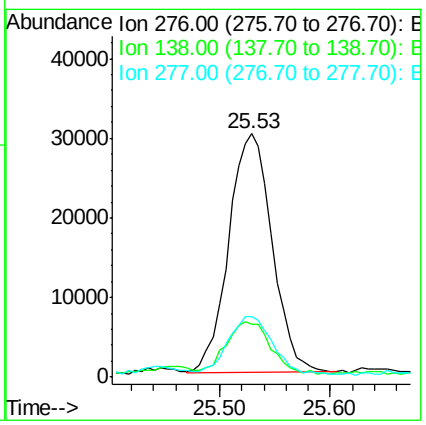


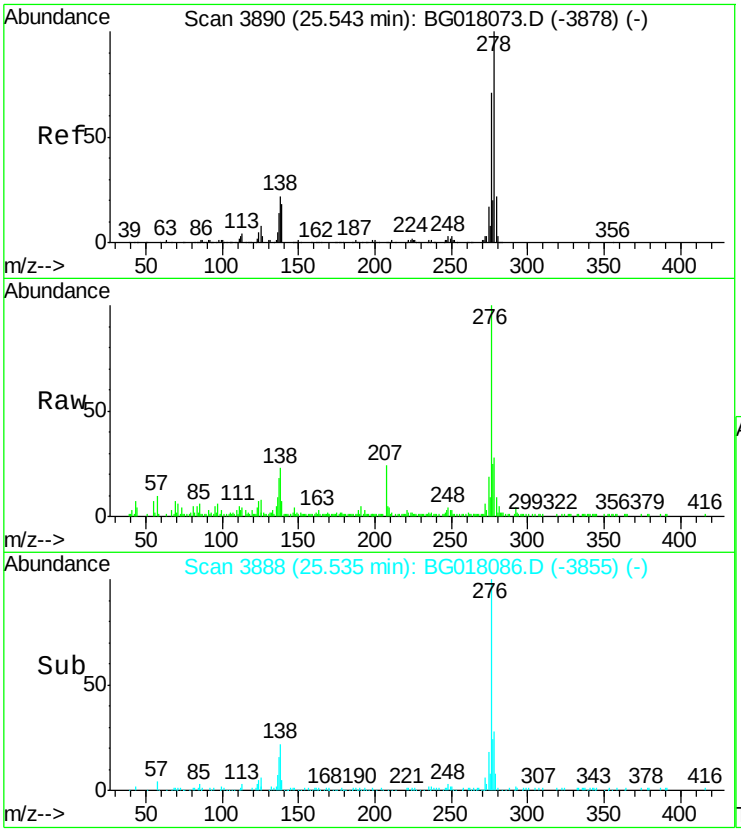


#92
Indeno(1,2,3-cd)pyrene
Concen: 3.78 ng/ul
RT: 25.53 min Scan# 3887
Delta R.T. 0.00 min
Lab File: BG018086.D
Acq: 24 Jul 2015 3:52

Tgt Ion:276 Resp: 82536

Ion	Ratio	Lower	Upper
276	100		
138	21.9	22.6	33.8#
277	25.1	19.8	29.8



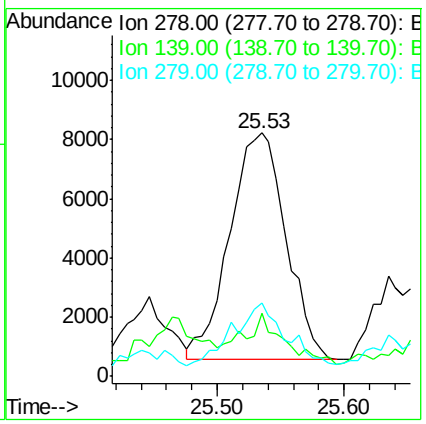


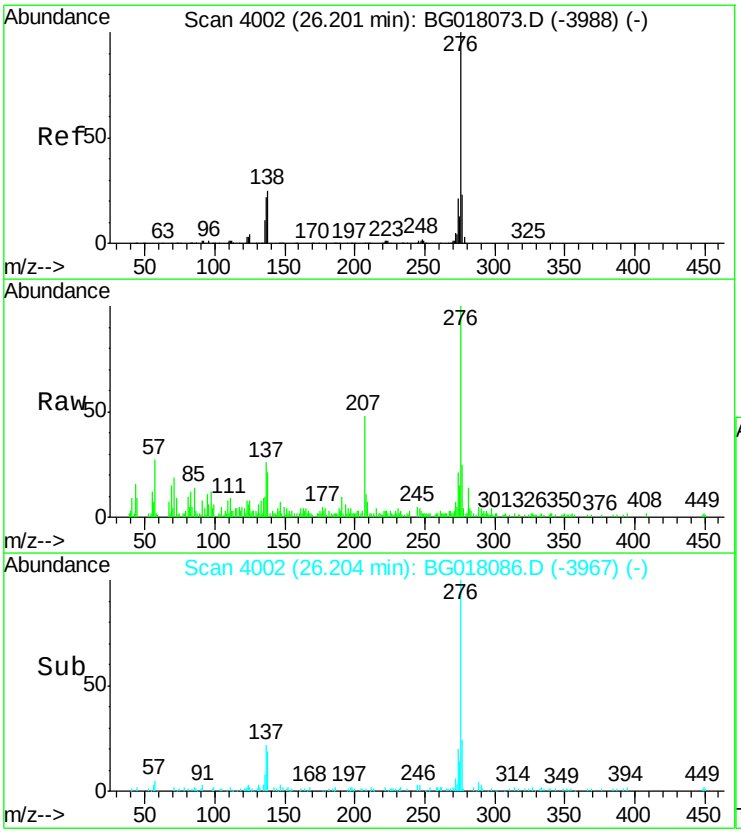
#93
Dibenzo(a,h)anthracene
Concen: 1.27 ng/ul
RT: 25.53 min Scan# 3888
Delta R.T. -0.01 min
Lab File: BG018086.D
Acq: 24 Jul 2015 3:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 23595

Ion	Ratio	Lower	Upper
278	100		
139	25.7	13.7	20.5#
279	30.2	18.1	27.1#





#94
Benzo(g,h,i)perylene
Concen: 2.41 ng/ul
RT: 26.20 min Scan# 4002
Delta R.T. 0.00 min
Lab File: BG018086.D
Acq: 24 Jul 2015 3:52

Tgt Ion:276 Resp: 43571

Ion	Ratio	Lower	Upper
276	100		
138	21.4	18.8	28.2
277	24.9	19.3	28.9