Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018370.D
Acq On : 11 Aug 2015 1:22
Operator : UM/MA
Sample : G3109-18RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W8

Quant Time: Aug 11 04:19:50 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 11 01:39:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	120848	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	538902	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.67	164	323353	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.41	188	655198	20.00	ng/ul	0.01
78) Chrysene-d12	21.69	240	600157	20.00	ng/ul	0.03
86) Perylene-d12	24.95	264	625798	20.00	ng/ul	0.07
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	8970	3.28	ng/uL	0.00
5) Phenol-d5	7.20	99	220762	20.13	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.36	67	160945	23.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	186587	22.21	ng/ul	0.01
13) 4-Methylphenol-d8	8.74	113	123187	13.37	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	100919	24.02	ng/ul	0.01
22) 2-Nitrophenol-d4	9.92	143	95560	22.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	189125	20.83	ng/ul	0.01
29) 4-Chloroaniline-d4	10.97	131	59145	5.76	ng/ul	0.00
44) Dimethylphthalate-d6	14.07	166	635007	23.34	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	698003	20.37	ng/ul	0.01
52) 4-Nitrophenol-d4	14.86	143	50834	10.39	ng/ul	0.03
58) Fluorene-d10	15.66	176	542930	22.91	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.78	200	10384	3.22	ng/ul	0.03
71) Anthracene-d10	17.51	188	772796	24.66	ng/ul	0.01
79) Pyrene-d10	19.80	212	724829	23.28	ng/ul	0.02
90) Benzo(a)pyrene-d12	24.72	264	777138	23.39	ng/ul	0.07
Target Compounds						Qvalue
14) Acetophenone	8.86	105	18545	1.39	ng/ul	91
23) 2-Nitrophenol	9.97	139	7716	1.62	ng/ul#	56
28) Naphthalene	10.90	128	31896	1.12	ng/ul#	88
32) Caprolactam	11.76	113	9887	2.89	ng/ul#	30
35) 1-Methylnaphthalene	12.72	142	22758	1.13	ng/ul#	88
45) Dimethylphthalate	14.12	163	131091	4.88	ng/ul#	97
48) Acenaphthylene	14.40	152	36741	1.07	ng/ul#	32
50) Acenaphthene	14.74	153	62849	2.61	ng/ul	91
59) Fluorene	15.72	166	103633	3.82	ng/ul#	89
65) N-Nitrosodiphenylamine	15.94	169	39903	2.02	ng/ul#	53
70) Phenanthrene	17.46	178	67434	1.90	ng/ul#	76
72) Anthracene	17.55	178	65696	1.81	ng/ul#	79
76) Di-n-butylphthalate	18.38	149	54561	1.32	ng/ul#	86
77) Fluoranthene	19.47	202	296523	7.81	ng/ul#	92
80) Pyrene	19.83	202	317972	7.84	ng/ul#	92
83) Benzo(a)anthracene	21.67	228	142369	3.83	ng/ul#	75
84) Bis(2-ethylhexyl)phthalate	21.58	149	175301	7.23	ng/ul#	91
85) Chrysene	21.74	228	230000	6.61	ng/ul#	84
88) Benzo(b)fluoranthene	23.91	252	140983	3.59	ng/ul#	18
91) Benzo(a)pyrene	24.79	252	89398	2.39	ng/ul#	5

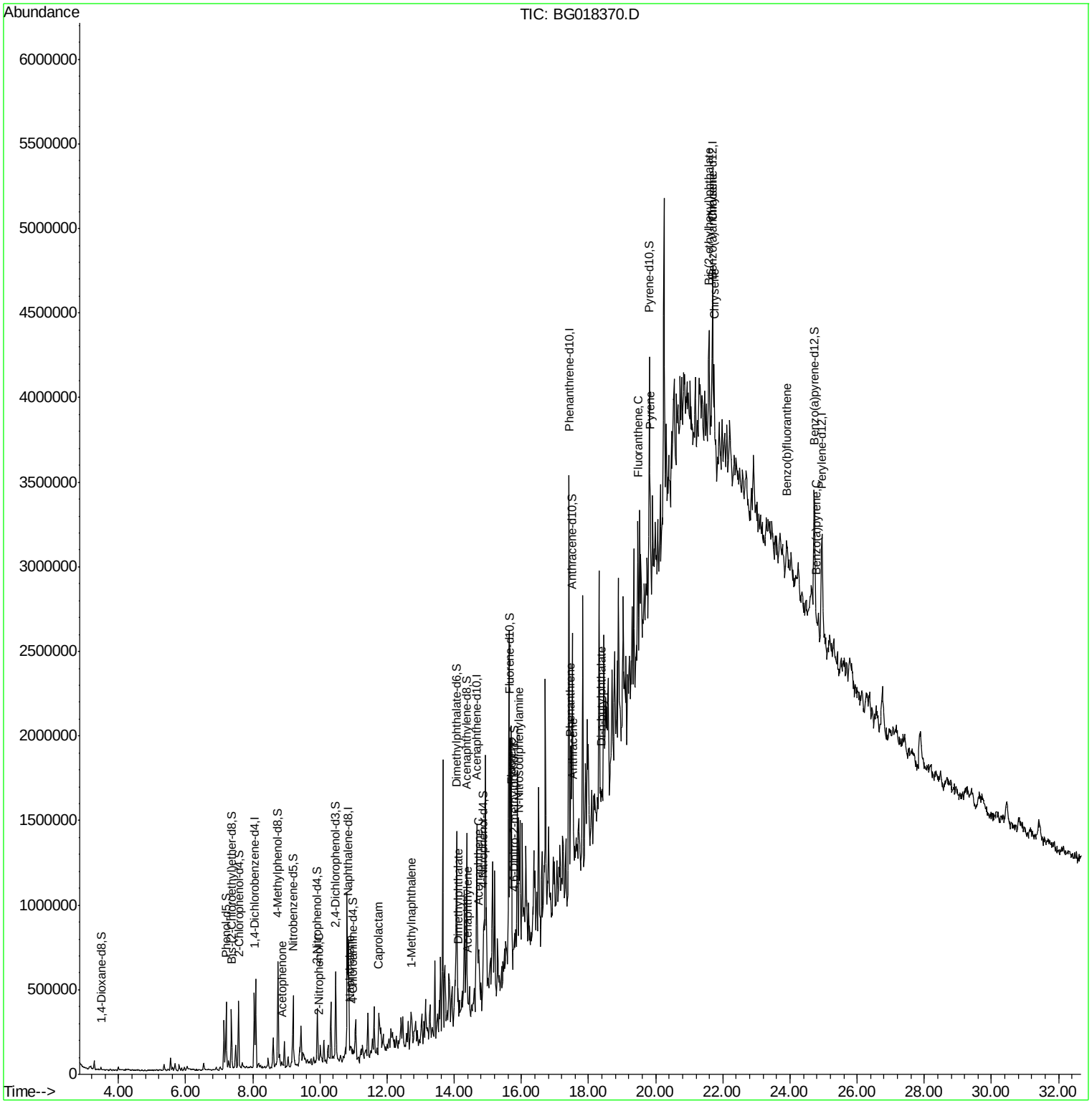
(#) = qualifier out of range (m) = manual integration (+) = signals summed

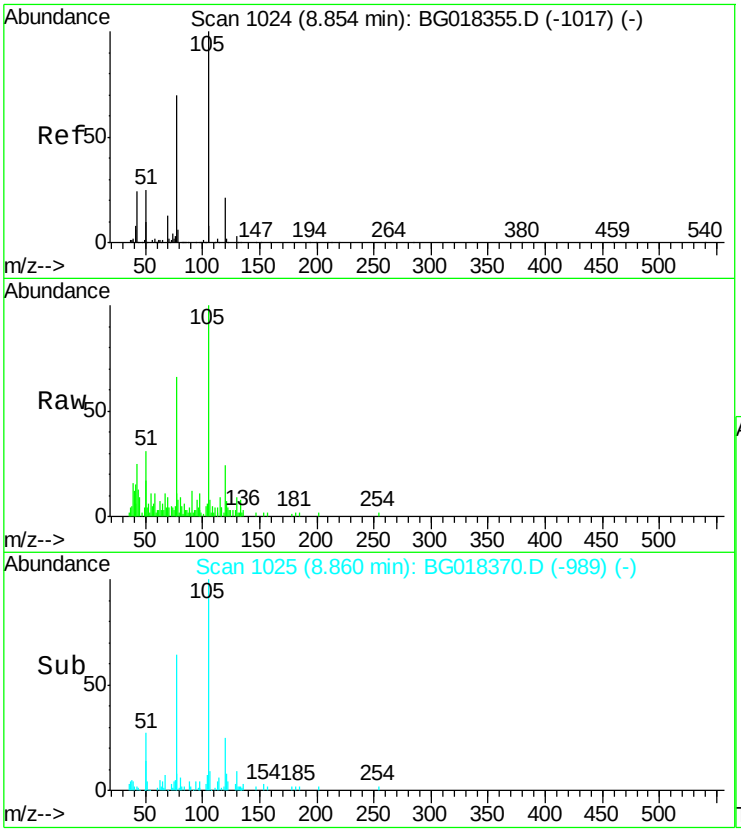
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018370.D
Acq On : 11 Aug 2015 1:22
Operator : UM/MA
Sample : G3109-18RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01W8

Quant Time: Aug 11 04:19:50 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 11 01:39:57 2015
Response via : Initial Calibration



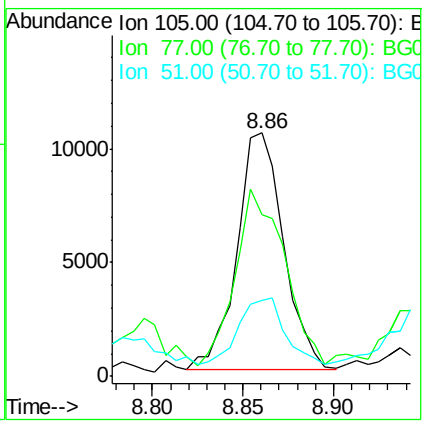


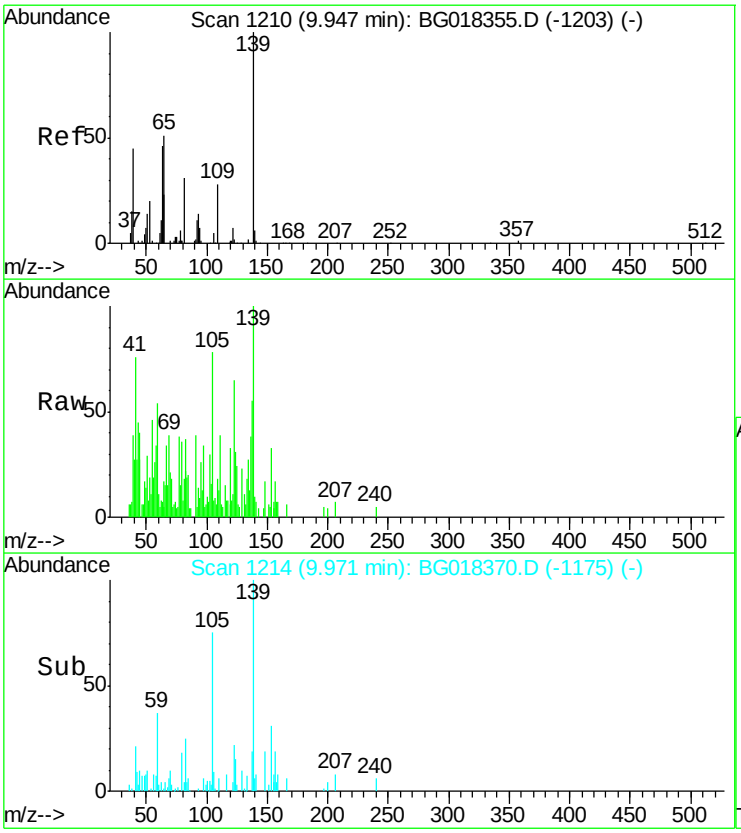
#14
Acetophenone
Concen: 1.39 ng/ul
RT: 8.86 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BG018370.D
Acq: 11 Aug 2015 1:22

Instrument :
BNA_G
ClientSampleId :
C01W8

Tgt Ion:105 Resp: 18545

Ion	Ratio	Lower	Upper
105	100		
77	66.4	61.9	92.9
51	31.1	25.5	38.3

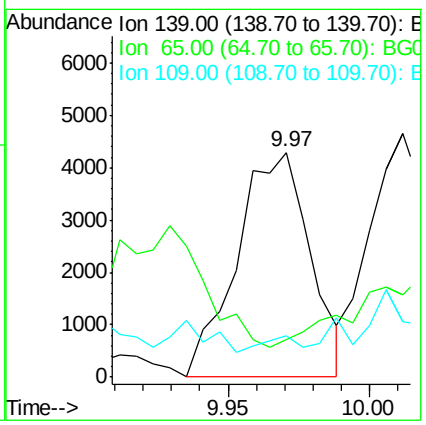


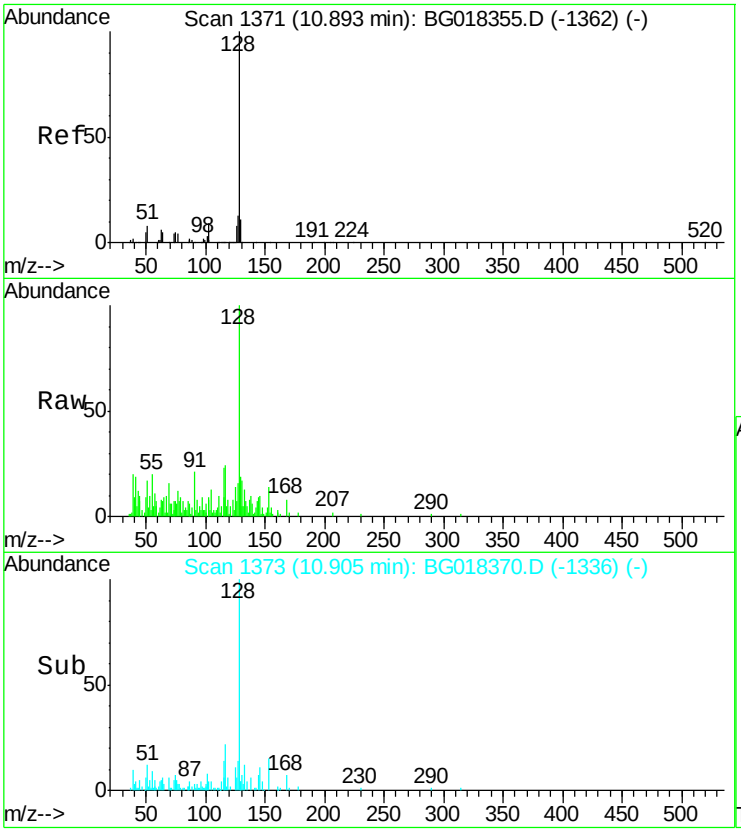


#23
2-Nitrophenol
Concen: 1.62 ng/ul
RT: 9.97 min Scan# 1214
Delta R.T. 0.03 min
Lab File: BG018370.D
Acq: 11 Aug 2015 1:22

Tgt Ion:139 Resp: 7716

Ion	Ratio	Lower	Upper
139	100		
65	16.8	45.6	68.4#
109	18.4	25.4	38.2#



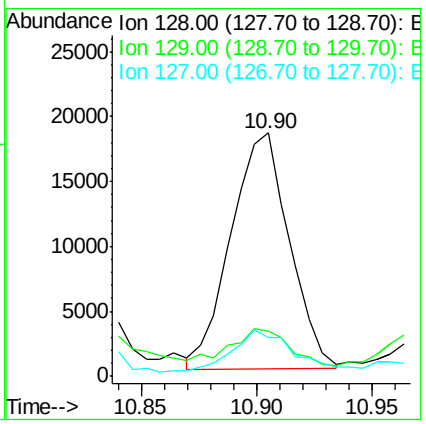


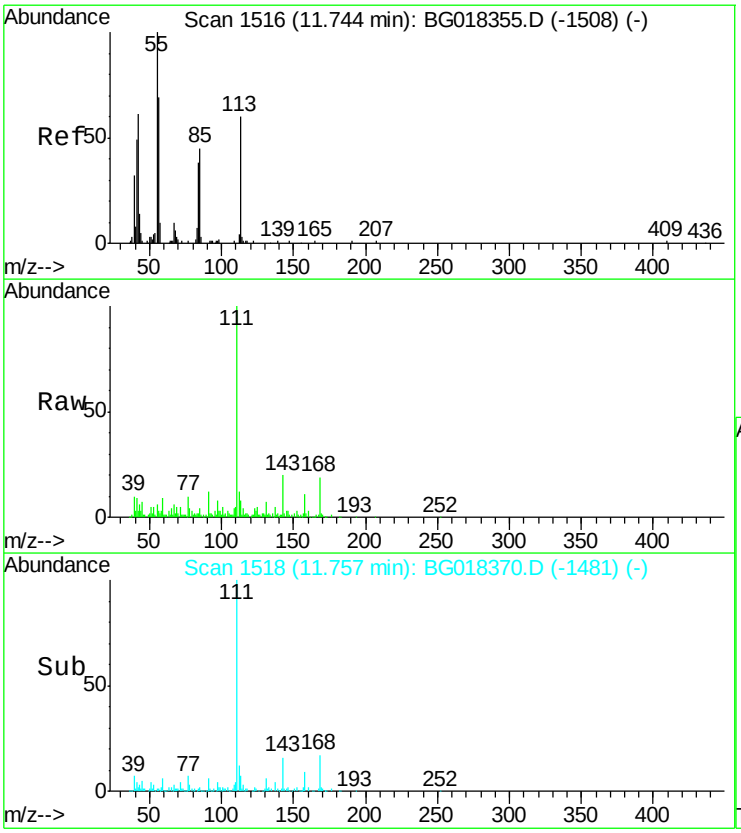
#28
Naphthalene
Concen: 1.12 ng/ul
RT: 10.90 min Scan# 1373
Delta R.T. 0.01 min
Lab File: BG018370.D
Acq: 11 Aug 2015 1:22

Instrument :
BNA_G
ClientSampleId :
C01W8

Tgt Ion:128 Resp: 31896

Ion	Ratio	Lower	Upper
128	100		
129	18.6	9.6	14.4#
127	15.7	10.5	15.7#

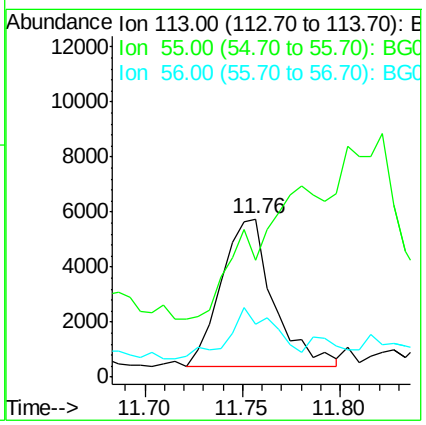


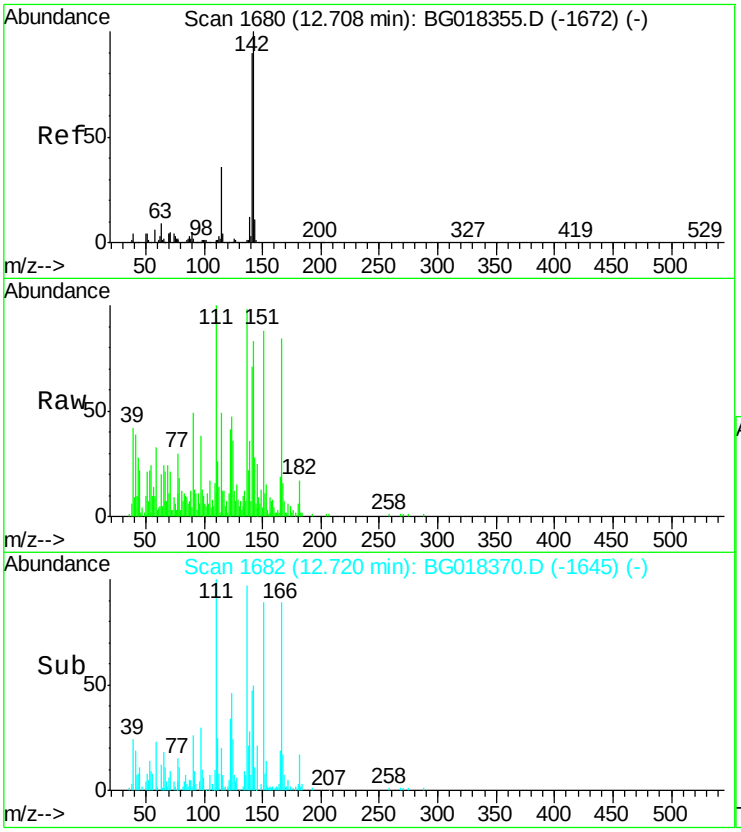


#32
Caprolactam
Concen: 2.89 ng/ul
RT: 11.76 min Scan# 1518
Delta R.T. 0.01 min
Lab File: BG018370.D
Acq: 11 Aug 2015 1:22

Tgt Ion:113 Resp: 9887

Ion	Ratio	Lower	Upper
113	100		
55	74.4	124.2	186.4#
56	33.6	98.2	147.4#



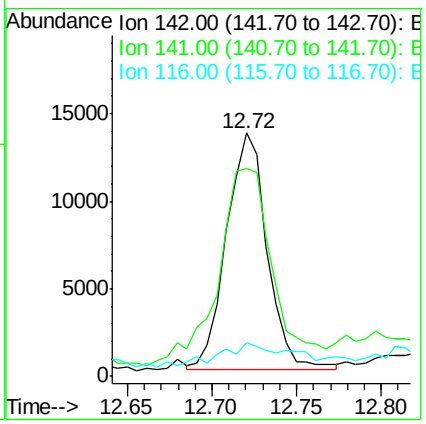


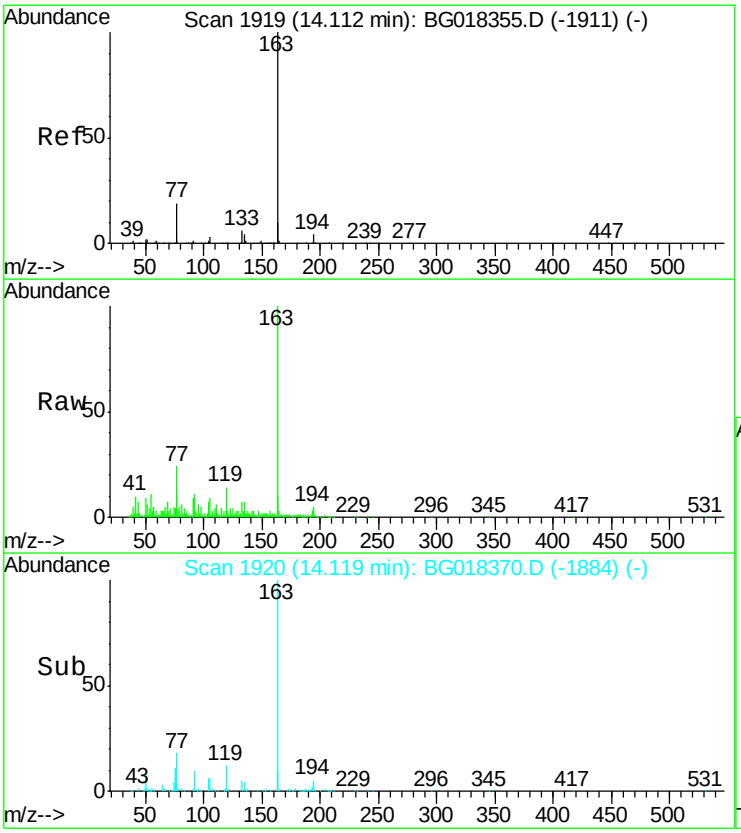
#35
1-Methylnaphthalene
Concen: 1.13 ng/ul
RT: 12.72 min Scan# 1682
Delta R.T. 0.01 min
Lab File: BG018370.D
Acq: 11 Aug 2015 1:22

Instrument :
BNA_G
ClientSampleId :
C01W8

Tgt Ion:142 Resp: 22758

Ion	Ratio	Lower	Upper
142	100		
141	85.3	77.1	115.7
116	13.8	3.5	5.3#

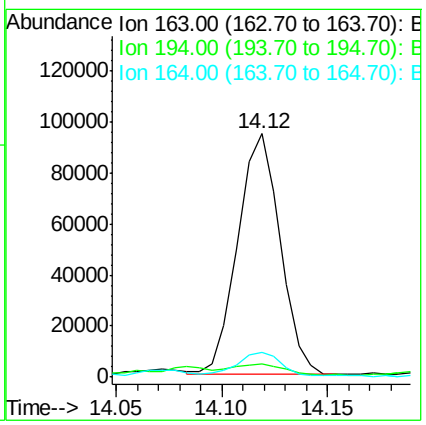


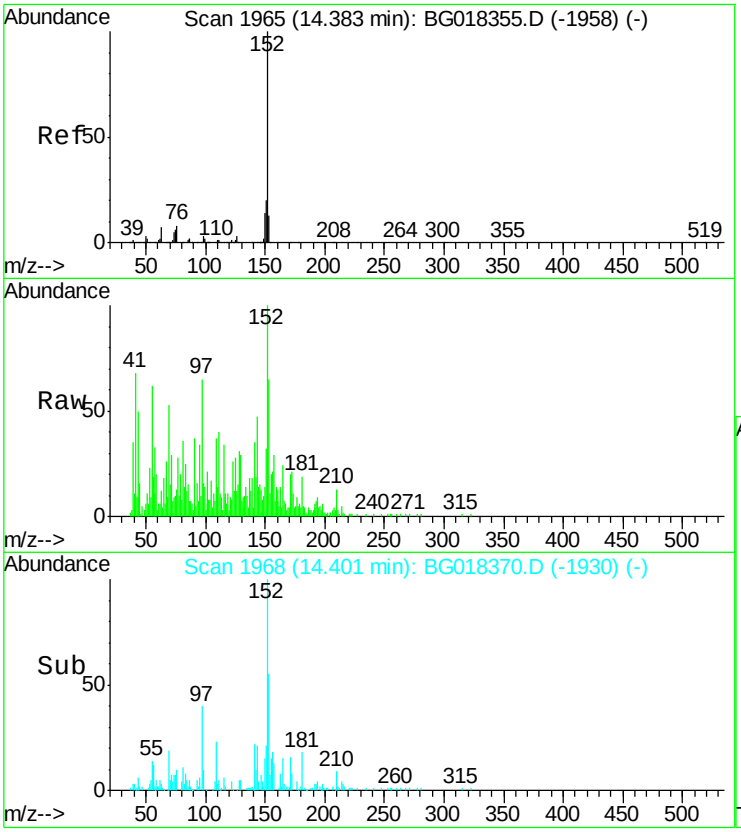


#45
Dimethylphthalate
Concen: 4.88 ng/ul
RT: 14.12 min Scan# 1920
Delta R.T. 0.01 min
Lab File: BG018370.D
Acq: 11 Aug 2015 1:22

Tgt Ion:163 Resp: 131091

Ion	Ratio	Lower	Upper
163	100		
194	5.4	2.9	4.3#
164	10.2	7.7	11.5



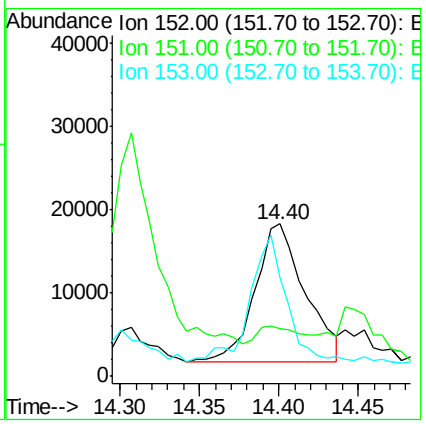


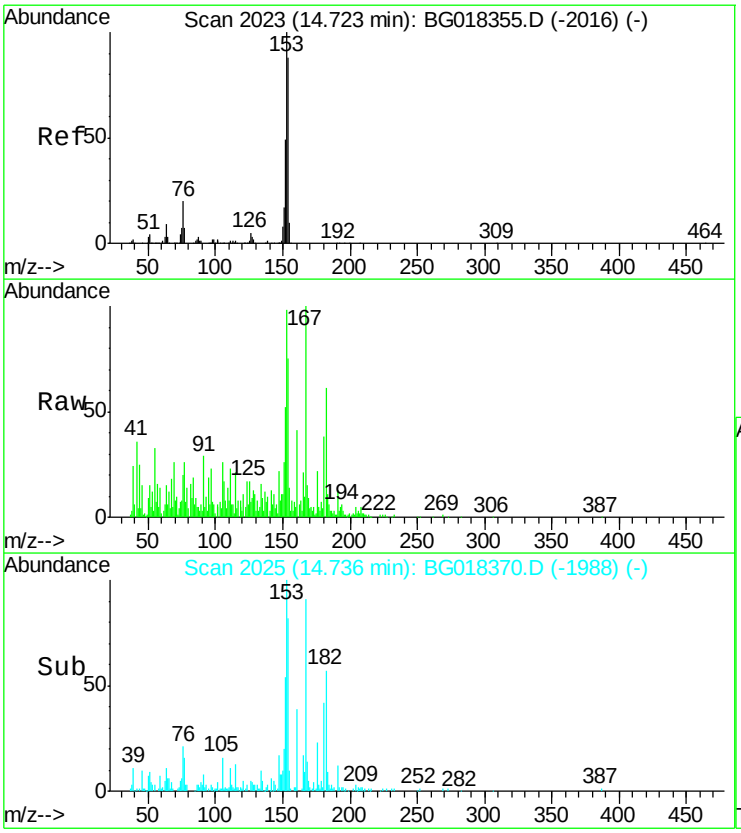
#48
Acenaphthylene
Concen: 1.07 ng/ul
RT: 14.40 min Scan# 1968
Delta R.T. 0.02 min
Lab File: BG018370.D
Acq: 11 Aug 2015 1:22

Instrument :
BNA_G
ClientSampleId :
C01W8

Tgt Ion:152 Resp: 36741

Ion	Ratio	Lower	Upper
152	100		
151	31.7	15.4	23.2#
153	64.5	10.8	16.2#

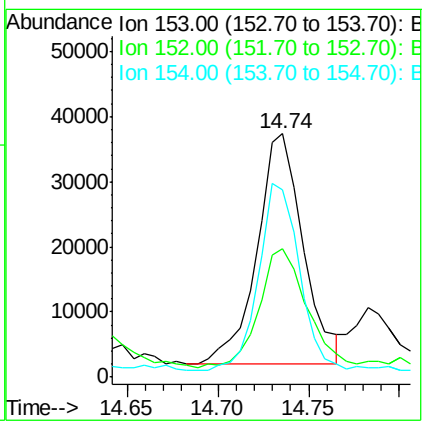


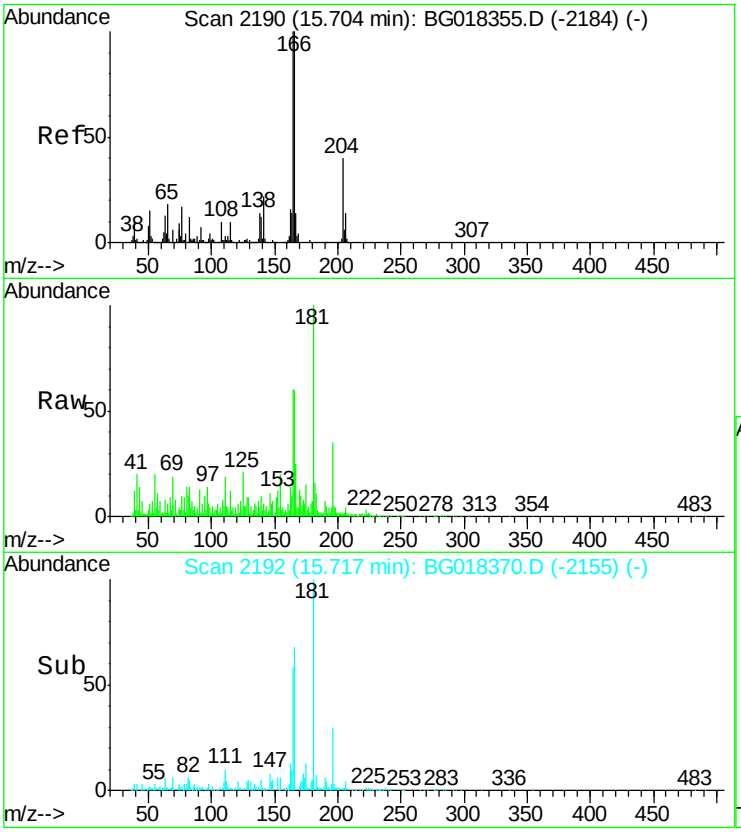


#50
Acenaphthene
Concen: 2.61 ng/ul
RT: 14.74 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BG018370.D
Acq: 11 Aug 2015 1:22

Tgt Ion:153 Resp: 62849

Ion	Ratio	Lower	Upper
153	100		
152	52.5	38.2	57.4
154	76.7	68.6	103.0



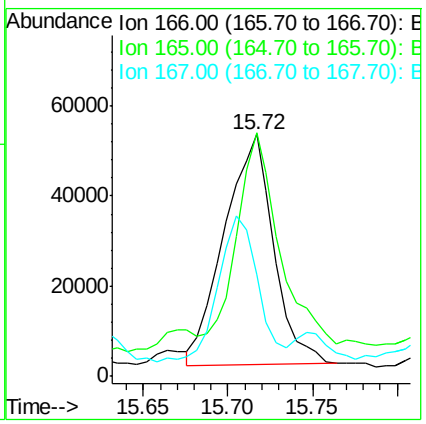


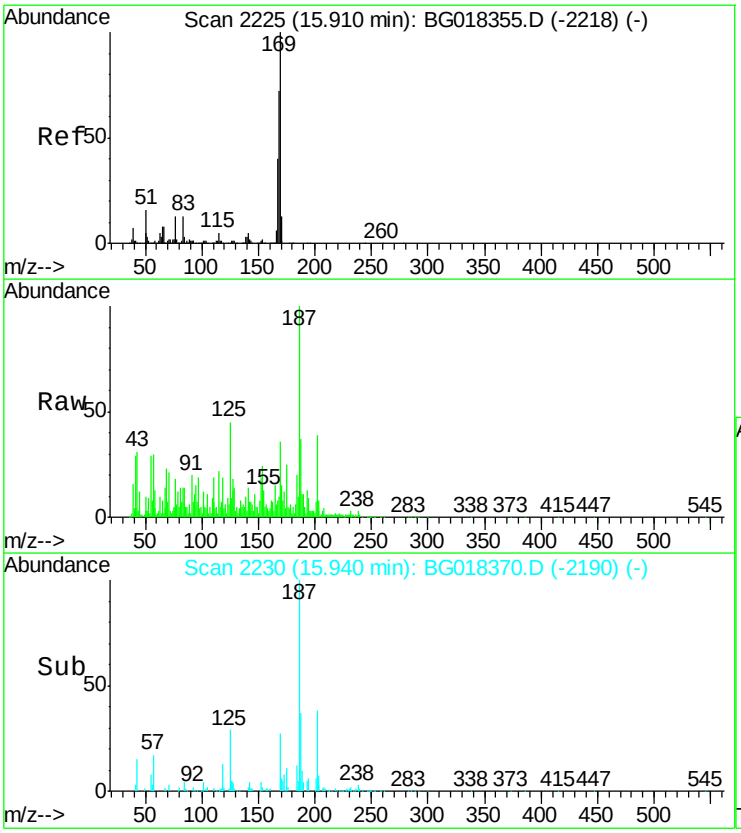
#59
Fluorene
Concen: 3.82 ng/ul
RT: 15.72 min Scan# 2192
Delta R.T. 0.01 min
Lab File: BG018370.D
Acq: 11 Aug 2015 1:22

Instrument :
BNA_G
ClientSampleId :
C01W8

Tgt Ion:166 Resp: 103633

Ion	Ratio	Lower	Upper
166	100		
165	100.7	82.6	124.0
167	42.2	11.4	17.0#

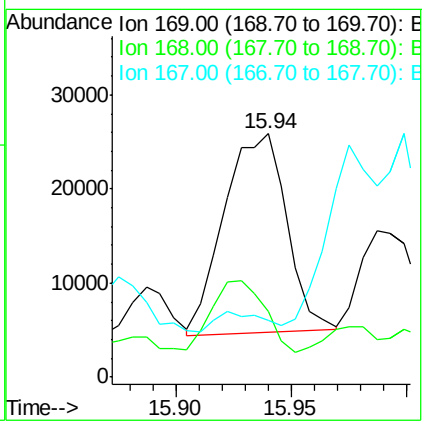


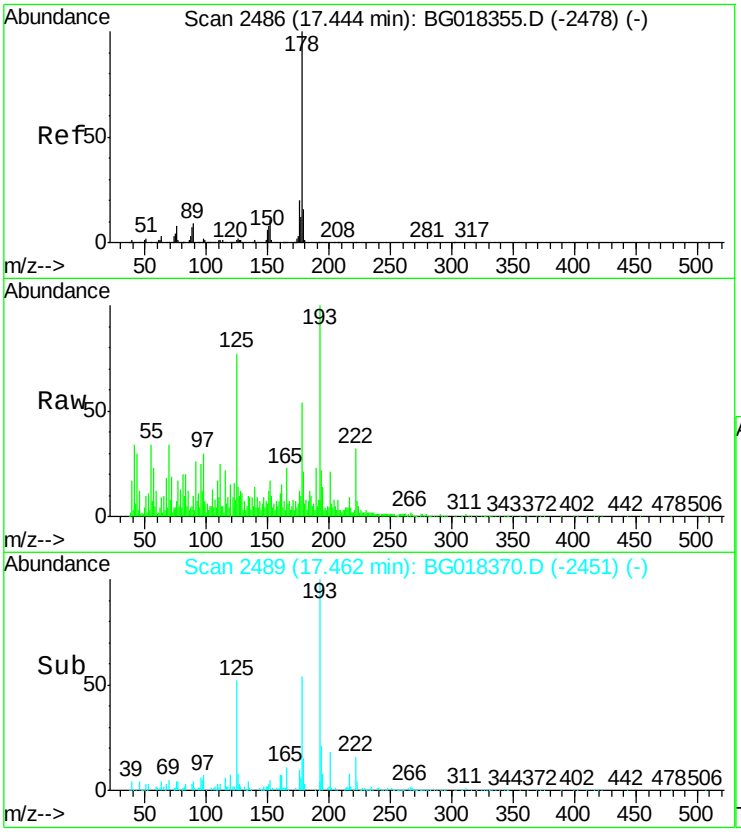


#65
N-Nitrosodiphenylamine
Concen: 2.02 ng/ul
RT: 15.94 min Scan# 2230
Delta R.T. 0.03 min
Lab File: BG018370.D
Acq: 11 Aug 2015 1:22

Tgt Ion:169 Resp: 39903

Ion	Ratio	Lower	Upper
169	100		
168	26.8	60.2	90.2#
167	23.2	33.4	50.2#



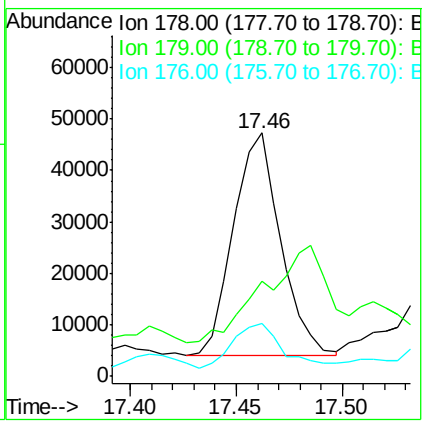


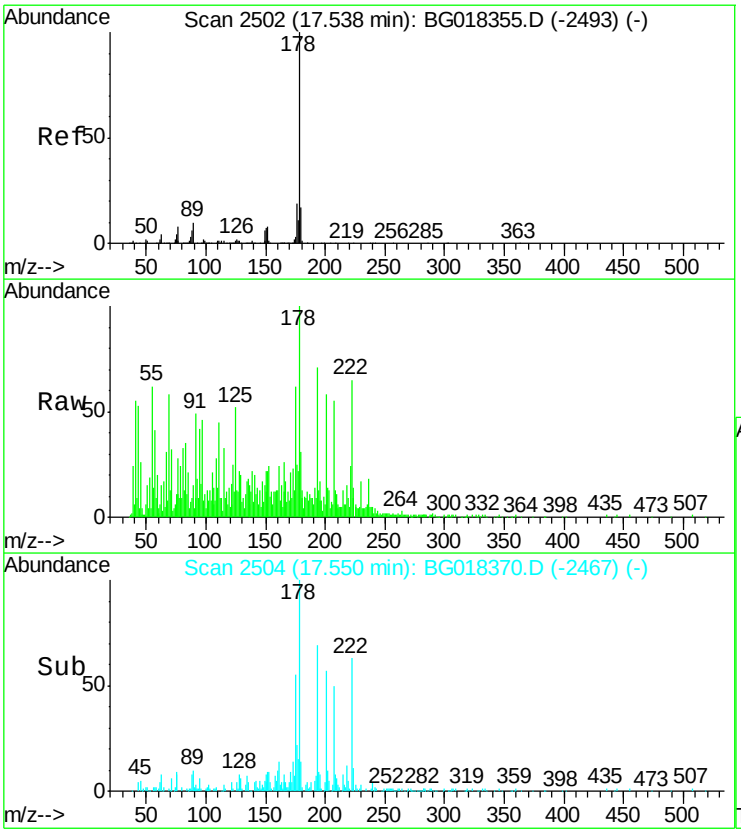
#70
Phenanthrene
Concen: 1.90 ng/ul
RT: 17.46 min Scan# 2489
Delta R.T. 0.02 min
Lab File: BG018370.D
Acq: 11 Aug 2015 1:22

Instrument :
BNA_G
ClientSampleId :
C01W8

Tgt Ion:178 Resp: 67434

Ion	Ratio	Lower	Upper
178	100		
179	38.9	13.7	20.5#
176	21.9	16.6	24.8

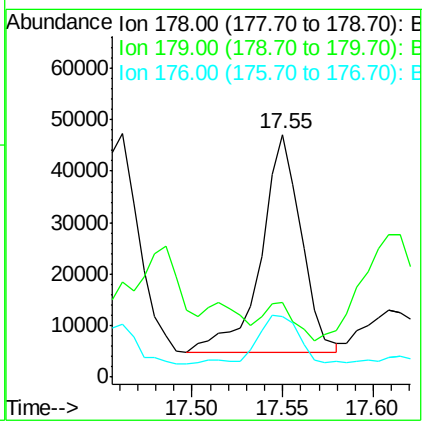


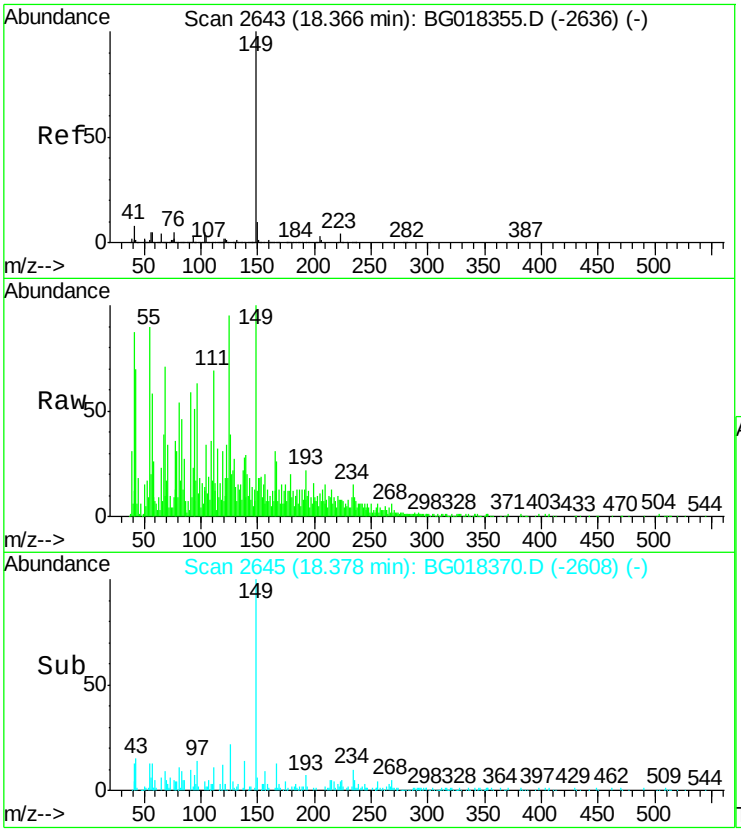


#72
Anthracene
Concen: 1.81 ng/ul
RT: 17.55 min Scan# 2504
Delta R.T. 0.01 min
Lab File: BG018370.D
Acq: 11 Aug 2015 1:22

Tgt Ion:178 Resp: 65696

Ion	Ratio	Lower	Upper
178	100		
179	30.7	13.0	19.4#
176	25.0	16.0	24.0#



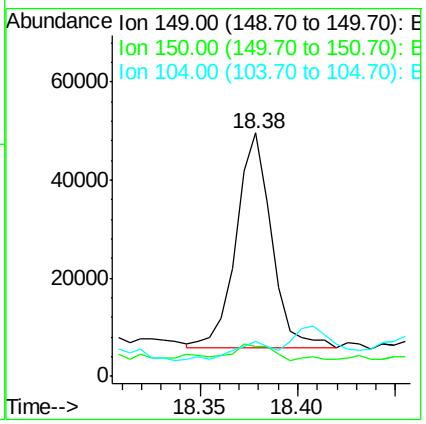


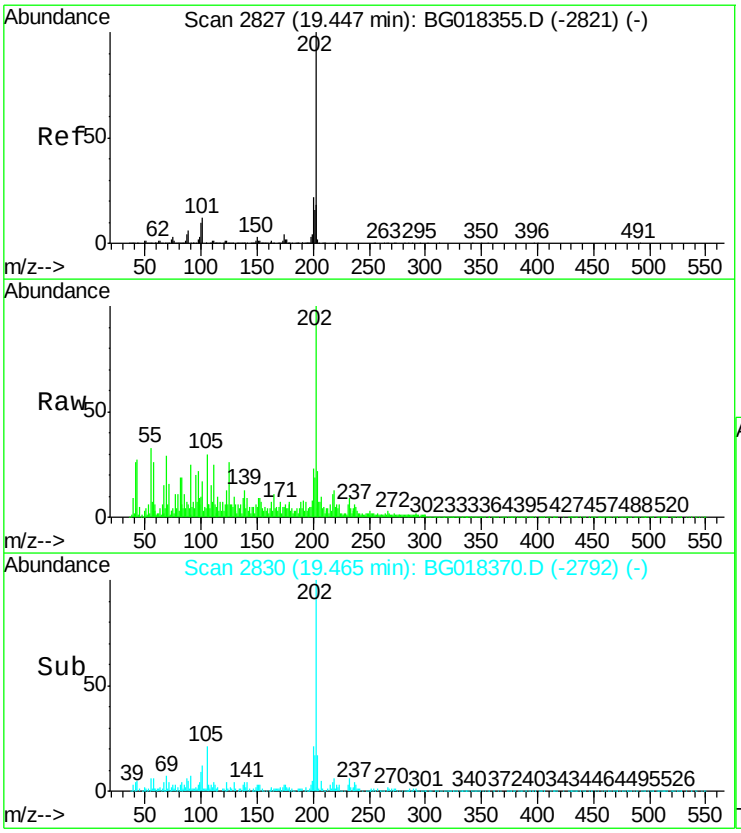
#76
Di-n-butylphthalate
Concen: 1.32 ng/ul
RT: 18.38 min Scan# 2645
Delta R.T. 0.01 min
Lab File: BG018370.D
Acq: 11 Aug 2015 1:22

Instrument :
BNA_G
ClientSampleId :
C01W8

Tgt Ion:149 Resp: 54561

Ion	Ratio	Lower	Upper
149	100		
150	12.1	7.5	11.3#
104	14.3	4.3	6.5#

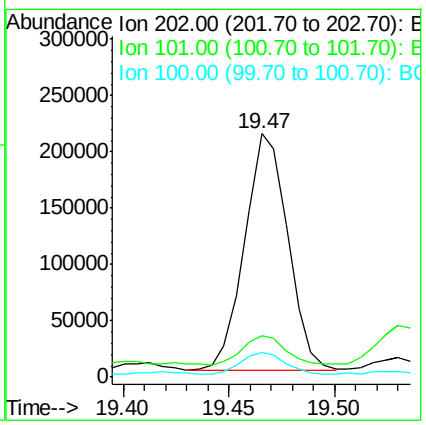


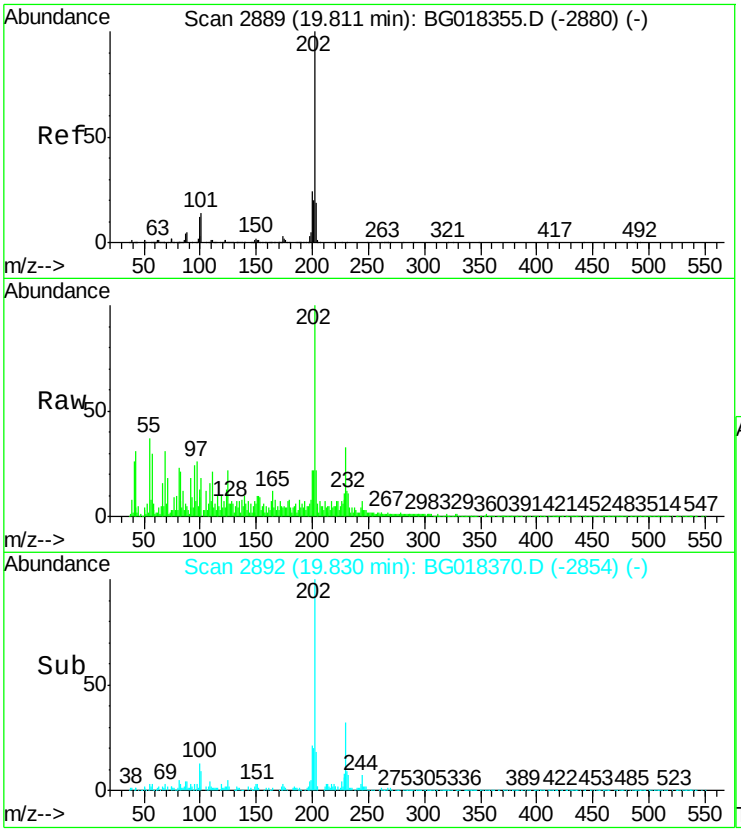


#77
Fluoranthene
Concen: 7.81 ng/ul
RT: 19.47 min Scan# 2830
Delta R.T. 0.02 min
Lab File: BG018370.D
Acq: 11 Aug 2015 1:22

Tgt Ion:202 Resp: 296523

Ion	Ratio	Lower	Upper
202	100		
101	17.0	9.7	14.5#
100	10.3	7.8	11.8



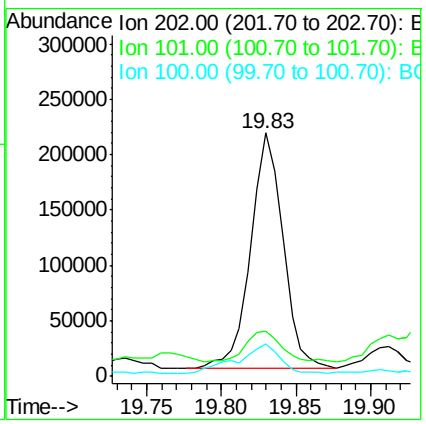


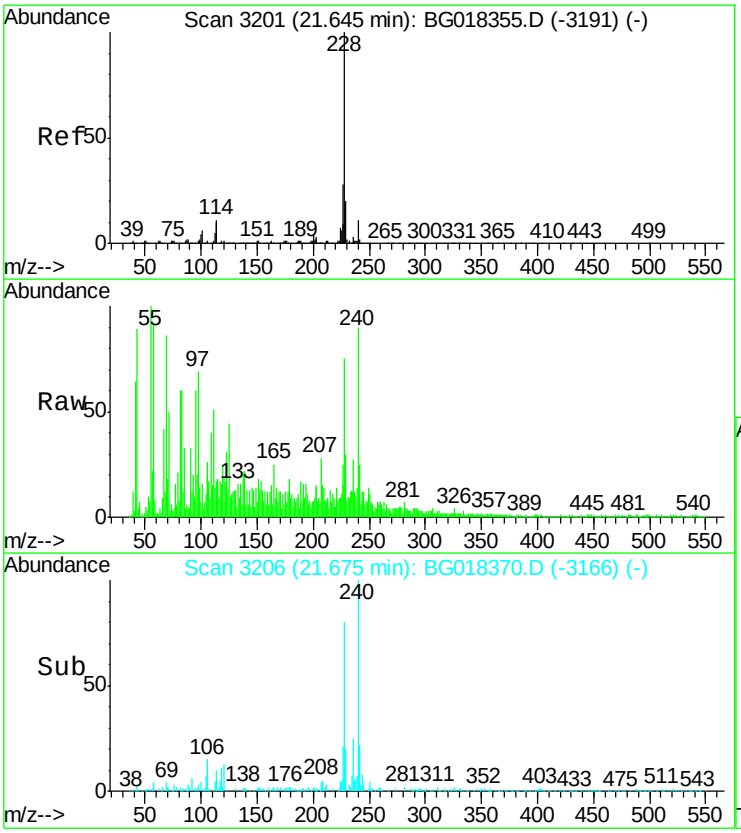
#80
Pyrene
Concen: 7.84 ng/ul
RT: 19.83 min Scan# 2892
Delta R.T. 0.02 min
Lab File: BG018370.D
Acq: 11 Aug 2015 1:22

Instrument :
BNA_G
ClientSampleId :
C01W8

Tgt Ion:202 Resp: 317972

Ion	Ratio	Lower	Upper
202	100		
101	18.4	11.0	16.4#
100	13.5	9.8	14.6

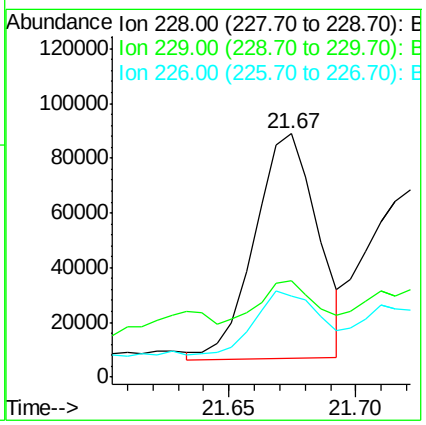


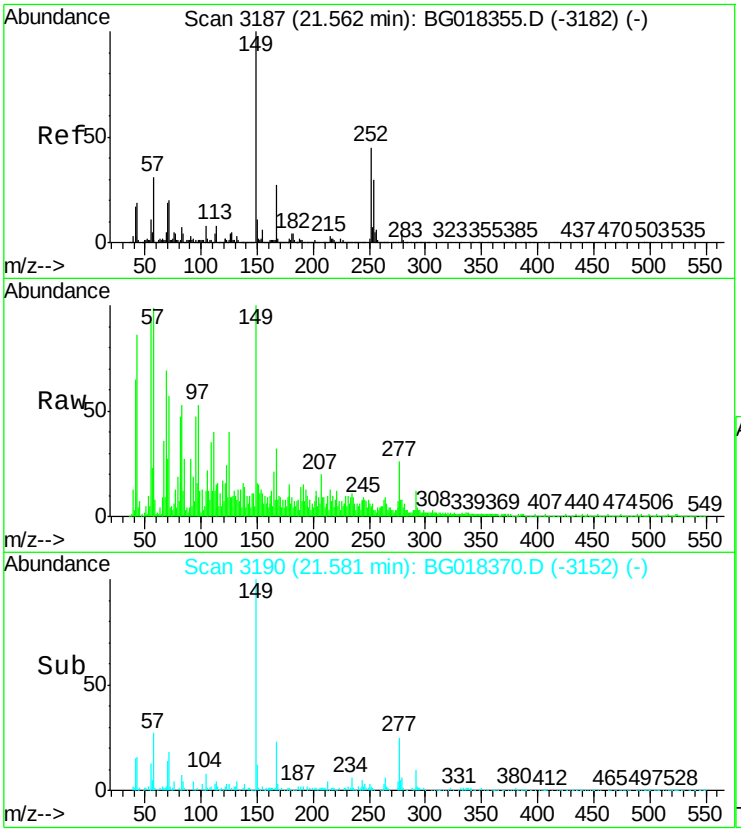


#83
Benzo(a)anthracene
Concen: 3.83 ng/ul
RT: 21.67 min Scan# 3206
Delta R.T. 0.03 min
Lab File: BG018370.D
Acq: 11 Aug 2015 1:22

Tgt Ion:228 Resp: 142369

Ion	Ratio	Lower	Upper
228	100		
229	39.4	15.5	23.3#
226	33.5	22.1	33.1#



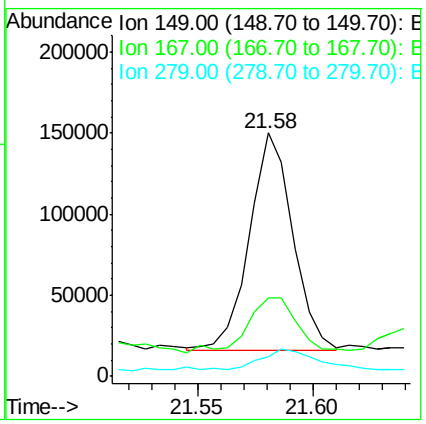


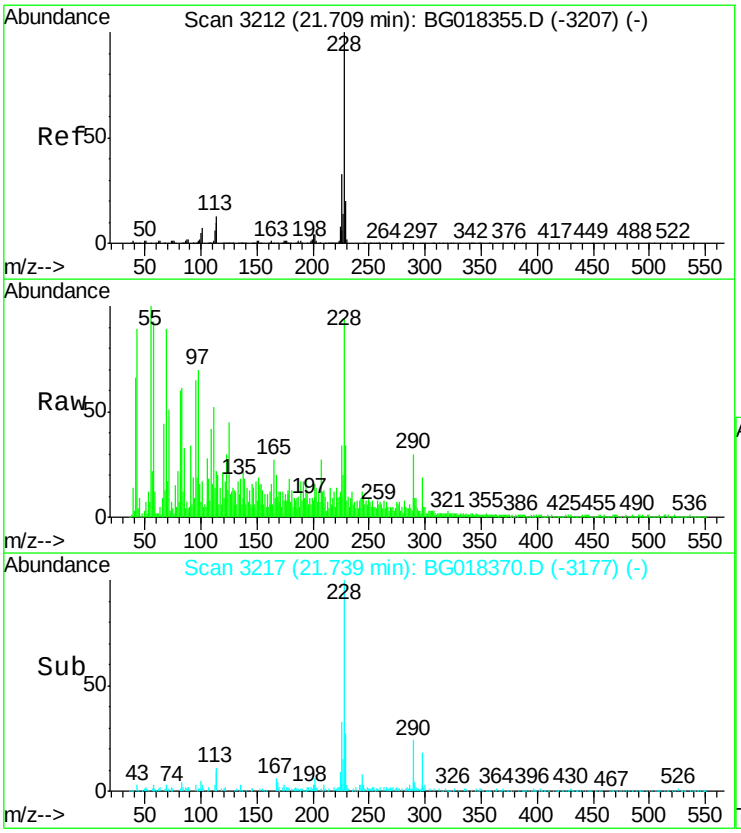
#84
Bis(2-ethylhexyl)phthalate
Concen: 7.23 ng/ul
RT: 21.58 min Scan# 3190
Delta R.T. 0.02 min
Lab File: BG018370.D
Acq: 11 Aug 2015 1:22

Instrument :
BNA_G
ClientSampleId :
C01W8

Tgt Ion:149 Resp: 175301

Ion	Ratio	Lower	Upper
149	100		
167	32.2	22.2	33.2
279	8.0	2.8	4.2#

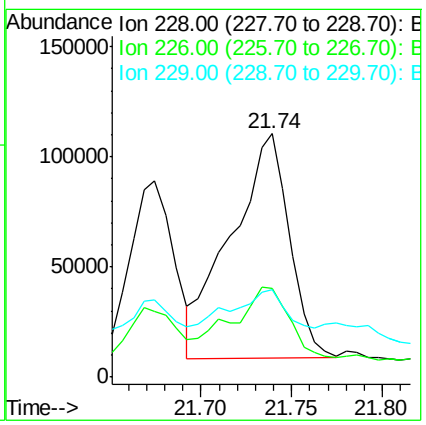


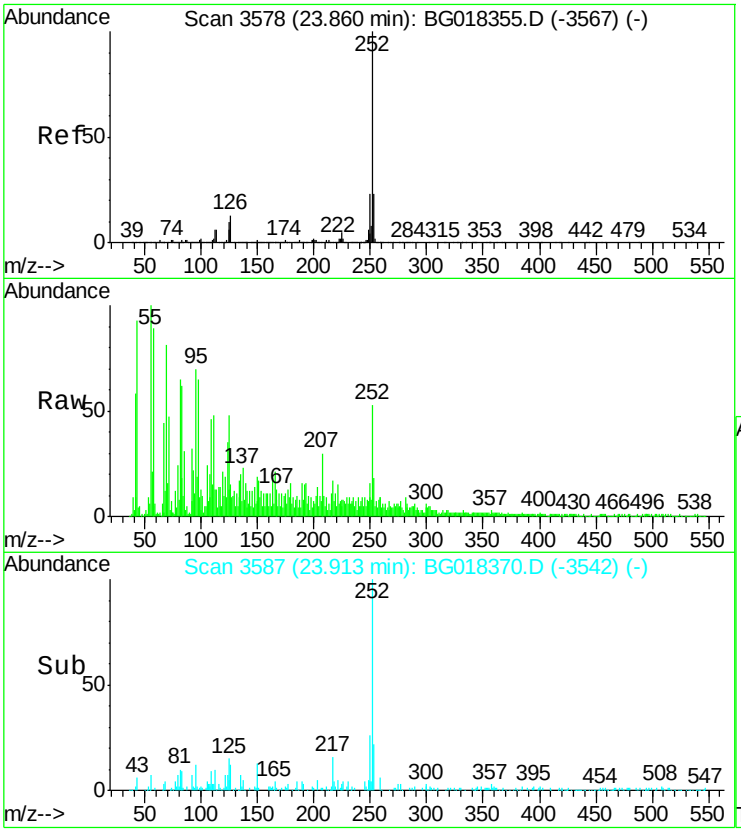


#85
Chrysene
Concen: 6.61 ng/ul
RT: 21.74 min Scan# 3217
Delta R.T. 0.03 min
Lab File: BG018370.D
Acq: 11 Aug 2015 1:22

Tgt Ion:228 Resp: 230000

Ion	Ratio	Lower	Upper
228	100		
226	36.5	26.5	39.7
229	36.2	16.9	25.3#



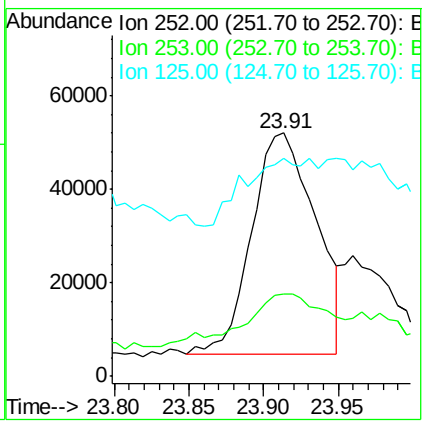


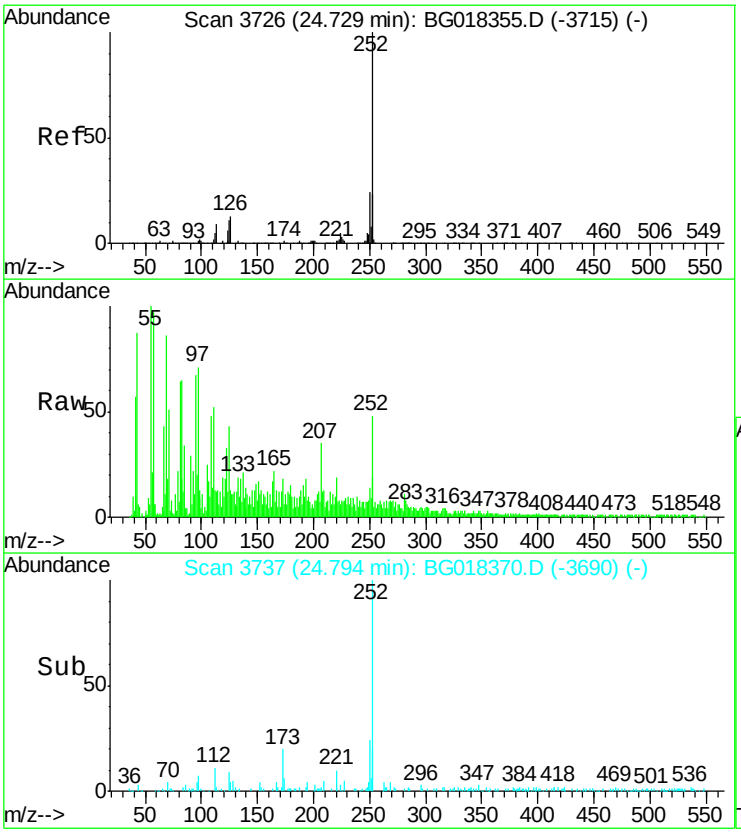
#88
Benzo(b)fluoranthene
Concen: 3.59 ng/ul
RT: 23.91 min Scan# 3587
Delta R.T. 0.06 min
Lab File: BG018370.D
Acq: 11 Aug 2015 1:22

Instrument :
BNA_G
ClientSampleId :
C01W8

Tgt Ion:252 Resp: 140983

Ion	Ratio	Lower	Upper
252	100		
253	33.7	18.1	27.1#
125	89.4	8.3	12.5#





#91
Benzo(a)pyrene
Concen: 2.39 ng/ul
RT: 24.79 min Scan# 3737
Delta R.T. 0.07 min
Lab File: BG018370.D
Acq: 11 Aug 2015 1:22

Tgt Ion:252 Resp: 89398

Ion	Ratio	Lower	Upper
252	100		
253	40.3	17.7	26.5#
125	88.9	10.2	15.2#