Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
Data File : BG018288.D
Acq On : 6 Aug 2015 1:32
Operator : UM/TP
Sample : G3109-14RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W2RE

Quant Time: Aug 06 05:04:43 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 03:42:27 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	40174	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	188373	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	115870	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	188378	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	143264	20.00	ng/ul	0.01
86) Perylene-d12	23.27	264	153867	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.91	96	1501	3.22	ng/uL	0.00
5) Phenol-d5	6.64	99	71270	22.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.78	67	39124	25.62	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	61183	23.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.18	113	54031	20.26	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	32446	22.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	41603	24.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	67558	21.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	36872	9.93	ng/ul	0.00
44) Dimethylphthalate-d6	13.54	166	214070	23.89	ng/ul	0.00
47) Acenaphthylene-d8	13.81	160	215323	21.19	ng/ul	0.00
52) 4-Nitrophenol-d4	14.39	143	15712	10.63	ng/ul	0.02
58) Fluorene-d10	15.12	176	146668	18.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.28	200	9163	7.03	ng/ul	0.01
71) Anthracene-d10	16.98	188	153834	18.56	ng/ul	0.00
79) Pyrene-d10	19.30	212	106370	13.27	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.27	264	152754	19.08	ng/ul	0.17
Target Compounds						Qvalue
14) Acetophenone	8.26	105	5210	1.22	ng/ul#	90
28) Naphthalene	10.27	128	10909	1.23	ng/ul#	97
34) 2-Methylnaphthalene	11.90	142	7214	1.02	ng/ul	85
45) Dimethylphthalate	13.58	163	88638	9.91	ng/ul	97
50) Acenaphthene	14.18	153	12295	1.82	ng/ul	97
54) Dibenzofuran	14.52	168	10630	1.07	ng/ul	99
59) Fluorene	15.18	166	12070	1.38	ng/ul	97
70) Phenanthrene	16.93	178	159001	16.72	ng/ul	99
72) Anthracene	17.02	178	39728	4.19	ng/ul	97
75) Carbazole	17.30	167	14351	1.79	ng/ul#	85
76) Di-n-butylphthalate	17.87	149	275334	24.52	ng/ul	99
77) Fluoranthene	18.96	202	270711	25.67	ng/ul#	93
80) Pyrene	19.32	202	225298	22.62	ng/ul#	95
81) Butylbenzylphthalate	20.24	149	55761	14.43	ng/ul	99
83) Benzo(a)anthracene	21.09	228	142058	18.79	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.02	149	587913	126.45	ng/ul	98
85) Chrysene	21.09	228	146936	21.63	ng/ul	94
87) Di-n-octyl phthalate	21.89	149	199435	19.67	ng/ul	100
88) Benzo(b)fluoranthene	22.63	252	256157	27.14	ng/ul#	97
89) Benzo(k)fluoranthene	22.63	252	256157	28.31	ng/ul#	94
91) Benzo(a)pyrene	23.18	252	169229	20.54	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.46	276	118775	11.65	ng/ul	97
93) Dibenzo(a,h)anthracene	25.47	278	34464	3.85	ng/ul#	82

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
Data File : BG018288.D
Acq On : 6 Aug 2015 1:32
Operator : UM/TP
Sample : G3109-14RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W2RE

Quant Time: Aug 06 05:04:43 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 03:42:27 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Benzo(g,h,i)perylene	26.13	276	101393	12.26	ng/ul#	90

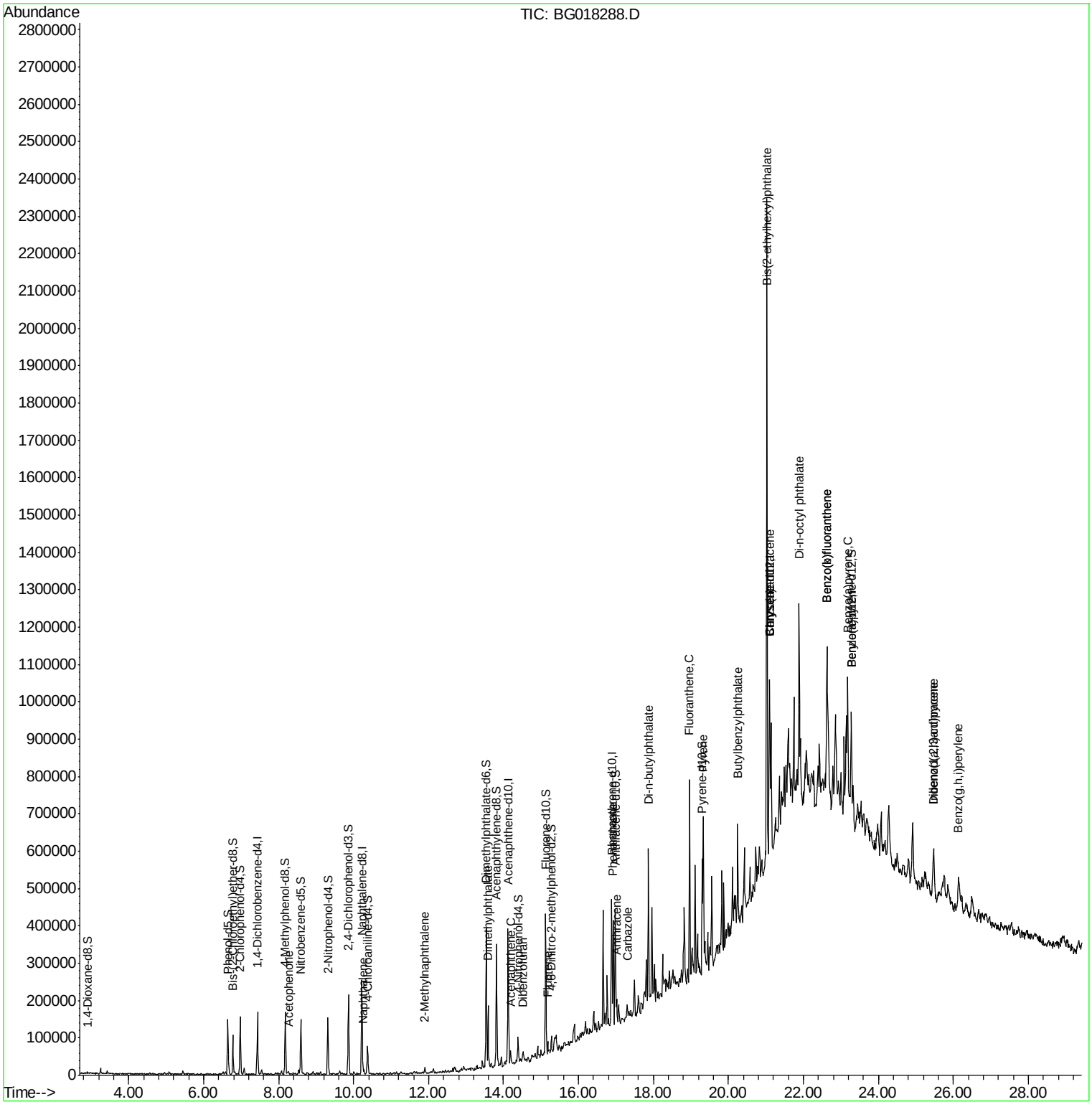
(#) = qualifier out of range (m) = manual integration (+) = signals summed

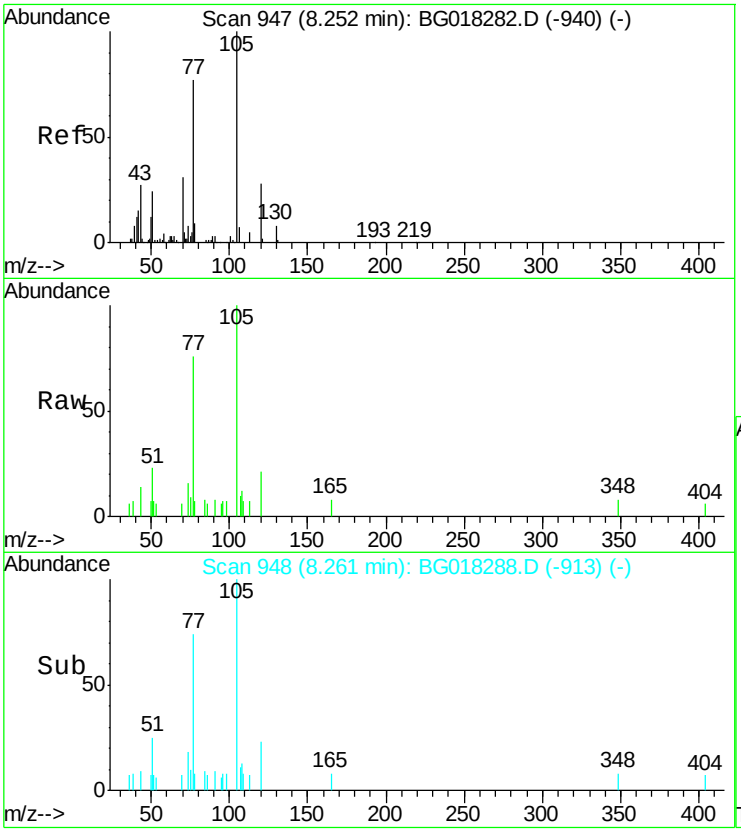
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
Data File : BG018288.D
Acq On : 6 Aug 2015 1:32
Operator : UM/TP
Sample : G3109-14RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01W2RE

Quant Time: Aug 06 05:04:43 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 03:42:27 2015
Response via : Initial Calibration



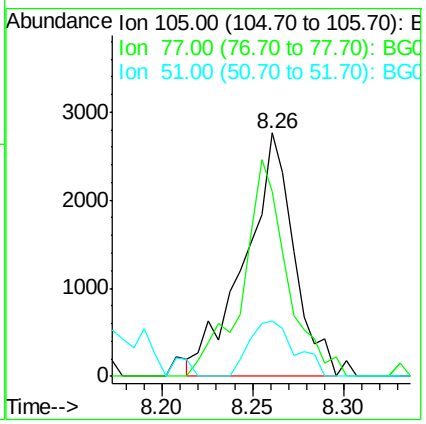


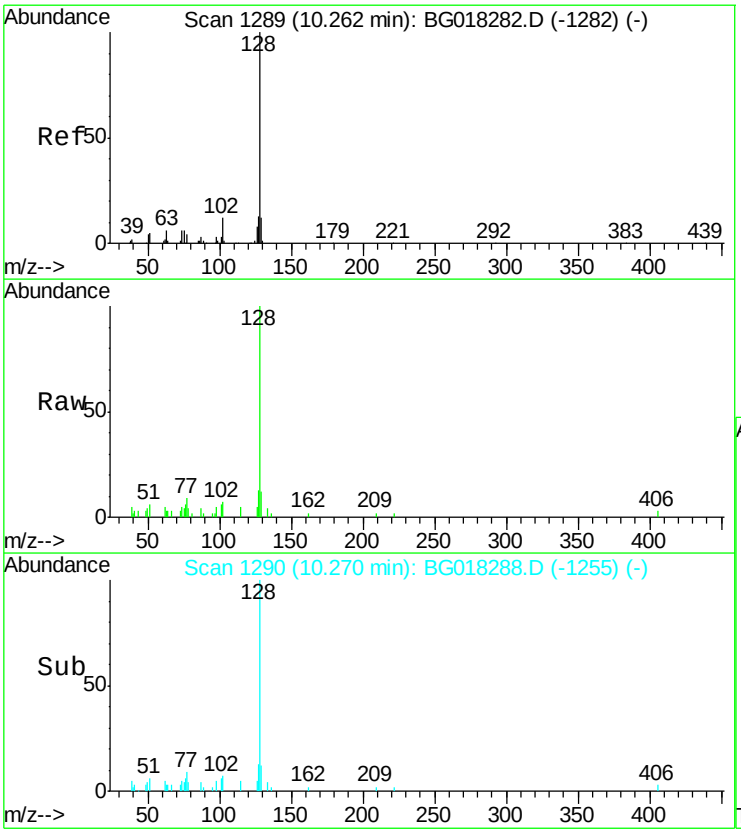
#14
Acetophenone
Concen: 1.22 ng/ul
RT: 8.26 min Scan# 948
Delta R.T. 0.01 min
Lab File: BG018288.D
Acq: 6 Aug 2015 1:32

Instrument :
BNA_G
ClientSampleId :
C01W2RE

Tgt Ion:105 Resp: 5210

Ion	Ratio	Lower	Upper
105	100		
77	75.7	67.5	101.3
51	22.6	23.6	35.4#

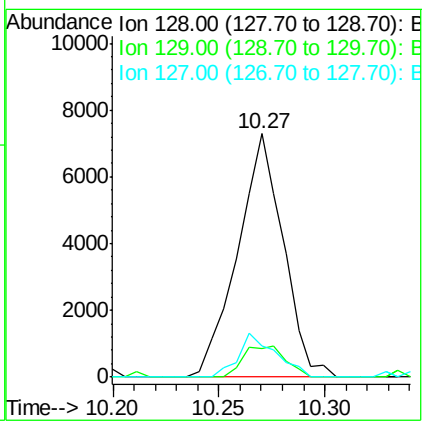


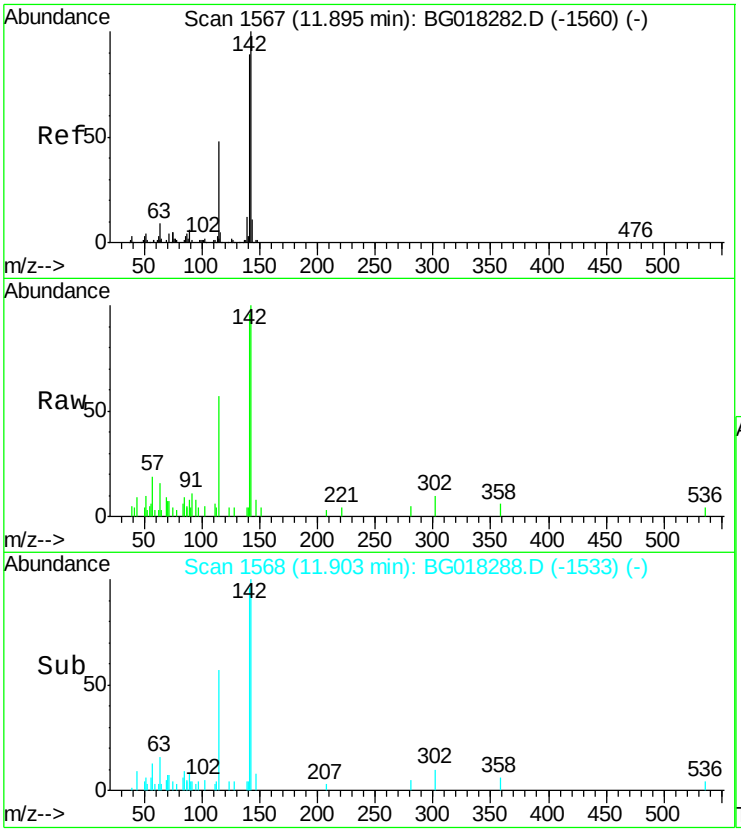


#28
Naphthalene
Concen: 1.23 ng/ul
RT: 10.27 min Scan# 1290
Delta R.T. 0.01 min
Lab File: BG018288.D
Acq: 6 Aug 2015 1:32

Tgt Ion:128 Resp: 10909

Ion	Ratio	Lower	Upper
128	100		
129	11.9	7.8	11.6#
127	12.8	10.2	15.4



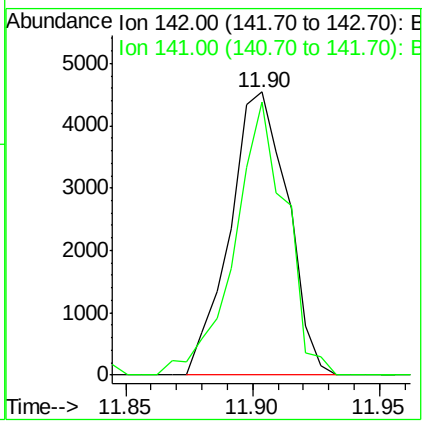


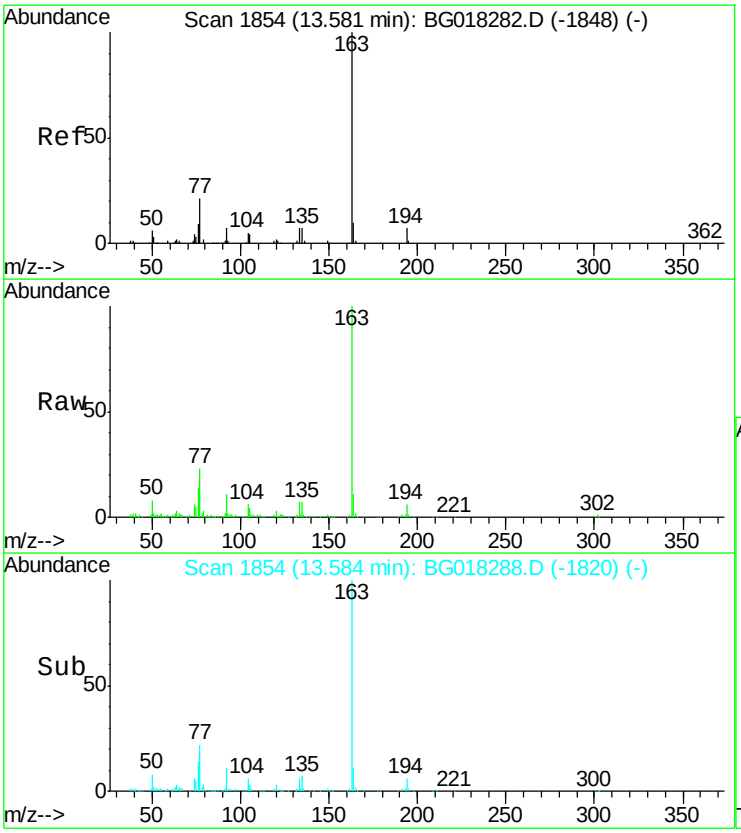
#34
2-Methylnaphthalene
Concen: 1.02 ng/ul
RT: 11.90 min Scan# 1568
Delta R.T. 0.01 min
Lab File: BG018288.D
Acq: 6 Aug 2015 1:32

Instrument :
BNA_G
ClientSampleId :
C01W2RE

Tgt Ion:142 Resp: 7214

Ion	Ratio	Lower	Upper
142	100		
141	96.3	65.9	98.9

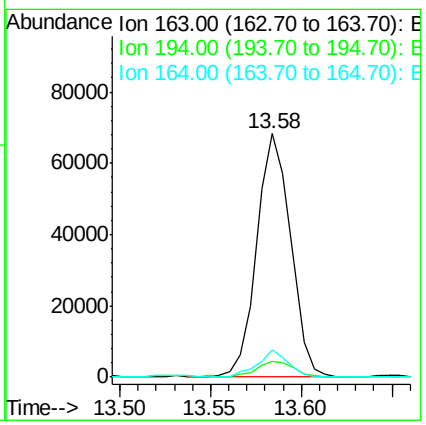


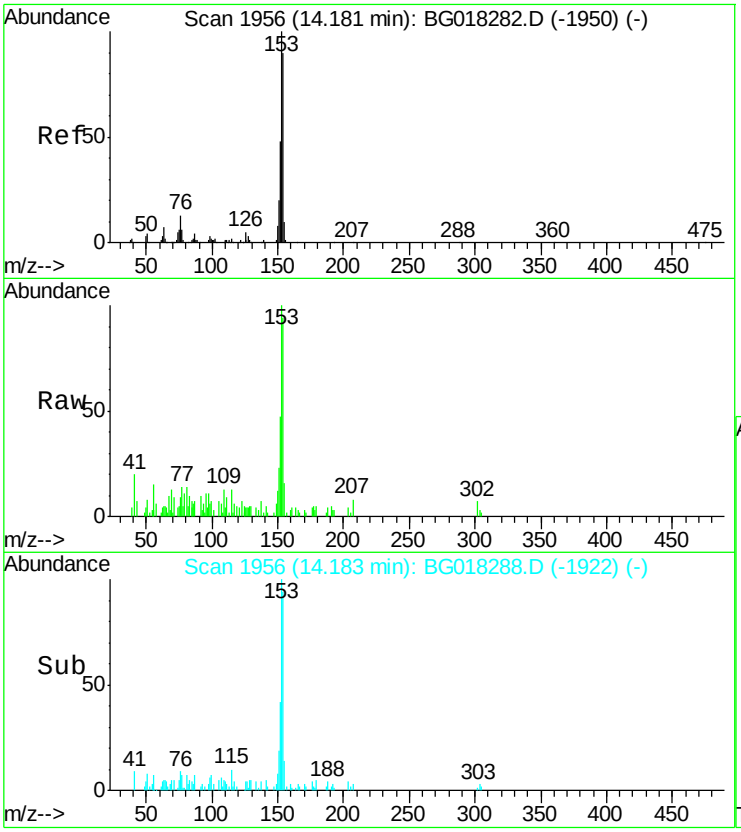


#45
Dimethylphthalate
Concen: 9.91 ng/ul
RT: 13.58 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BG018288.D
Acq: 6 Aug 2015 1:32

Tgt Ion:163 Resp: 88638

Ion	Ratio	Lower	Upper
163	100		
194	6.4	5.4	8.2
164	11.1	7.8	11.8



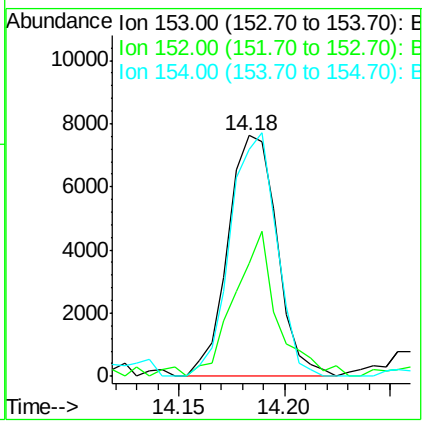


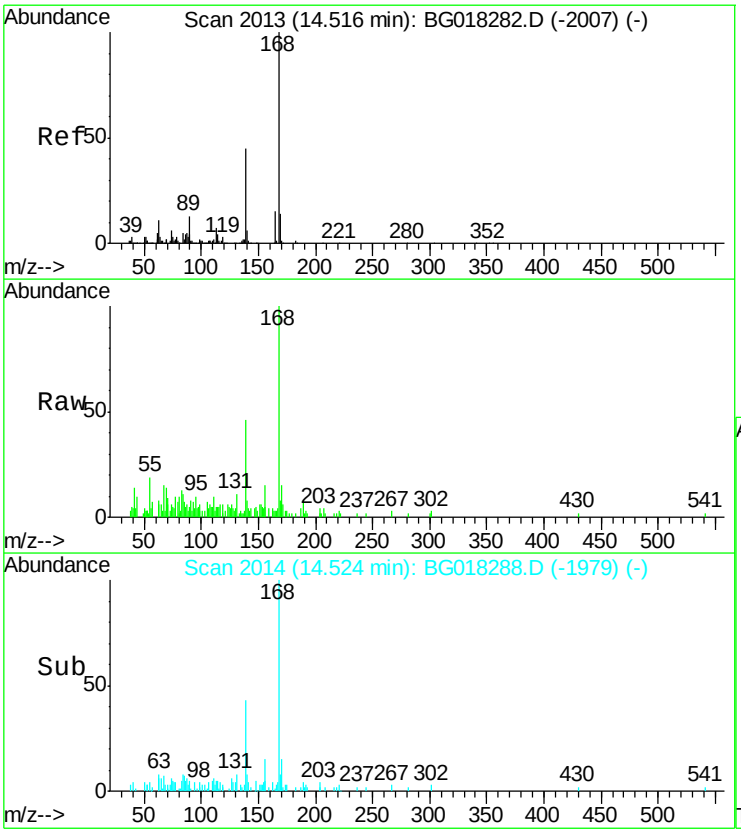
#50
Acenaphthene
Concen: 1.82 ng/ul
RT: 14.18 min Scan# 1956
Delta R.T. 0.00 min
Lab File: BG018288.D
Acq: 6 Aug 2015 1:32

Instrument :
BNA_G
ClientSampleId :
C01W2RE

Tgt Ion:153 Resp: 12295

Ion	Ratio	Lower	Upper
153	100		
152	46.8	39.0	58.4
154	94.4	77.4	116.2

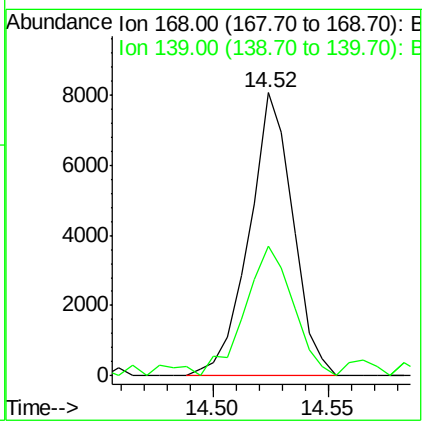


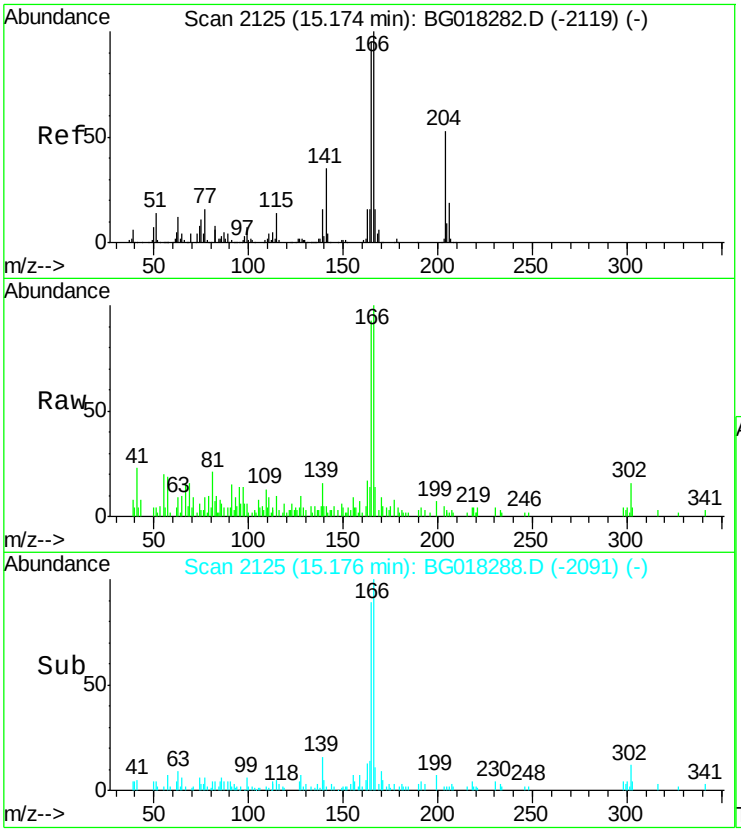


#54
Dibenzofuran
Concen: 1.07 ng/ul
RT: 14.52 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BG018288.D
Acq: 6 Aug 2015 1:32

Tgt Ion:168 Resp: 10630

Ion	Ratio	Lower	Upper
168	100		
139	45.7	37.1	55.7



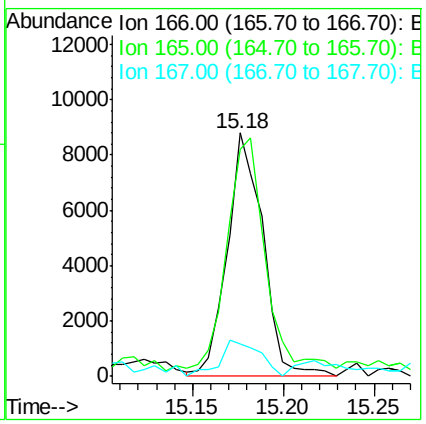


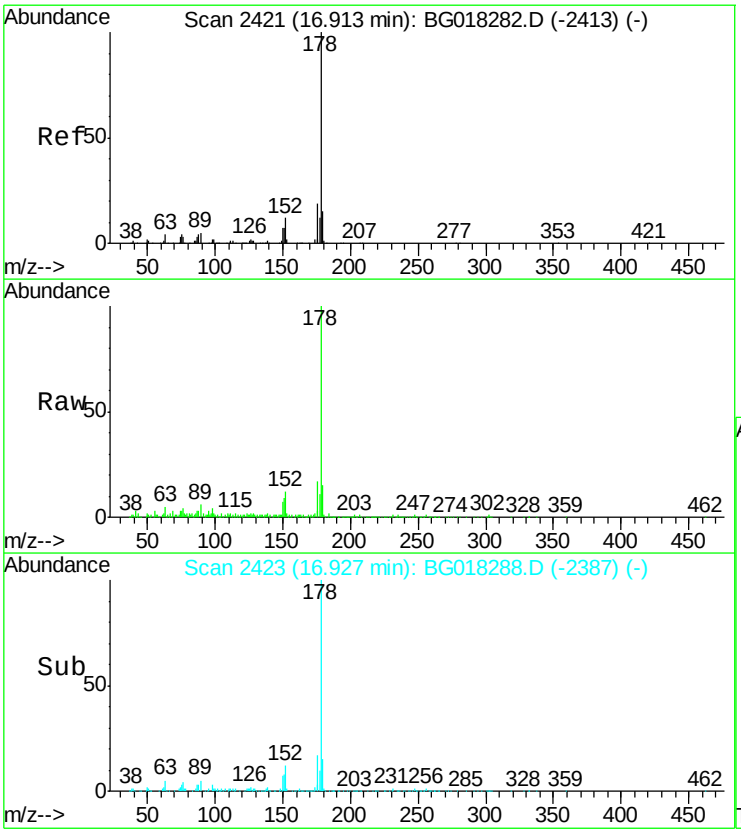
#59
Fluorene
Concen: 1.38 ng/ul
RT: 15.18 min Scan# 2125
Delta R.T. 0.00 min
Lab File: BG018288.D
Acq: 6 Aug 2015 1:32

Instrument :
BNA_G
ClientSampleId :
C01W2RE

Tgt Ion:166 Resp: 12070

Ion	Ratio	Lower	Upper
166	100		
165	93.3	72.4	108.6
167	13.6	11.4	17.0

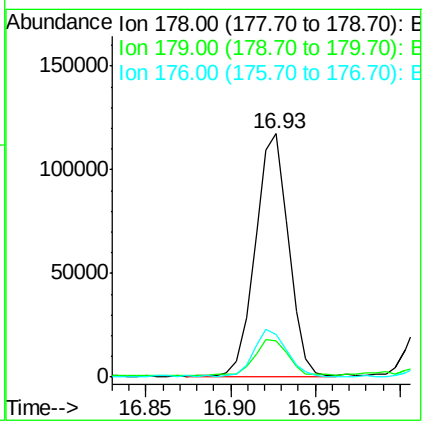


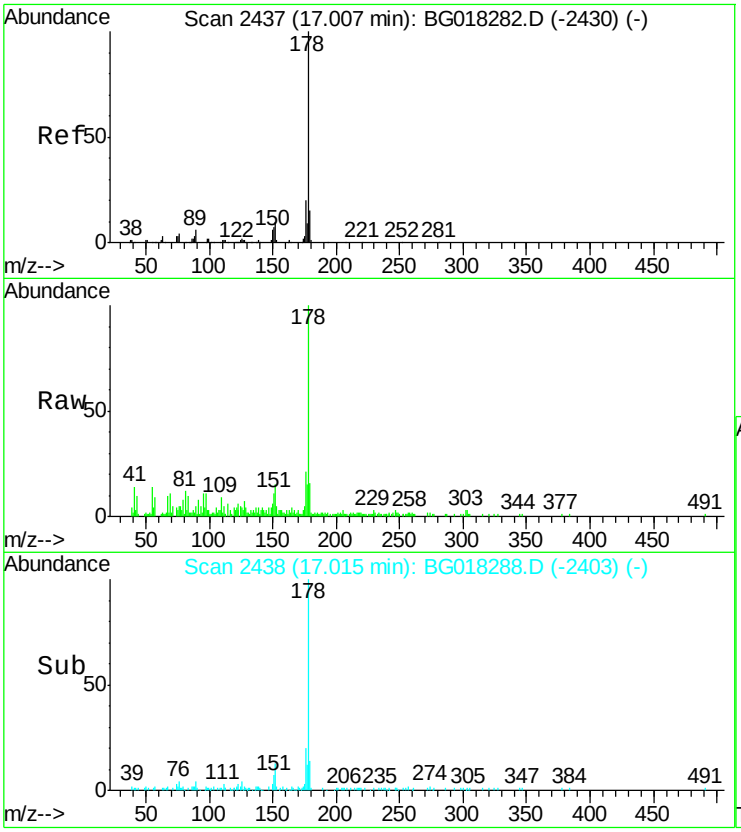


#70
Phenanthrene
Concen: 16.72 ng/ul
RT: 16.93 min Scan# 2423
Delta R.T. 0.01 min
Lab File: BG018288.D
Acq: 6 Aug 2015 1:32

Tgt Ion:178 Resp: 159001

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.2	18.4
176	17.4	14.5	21.7



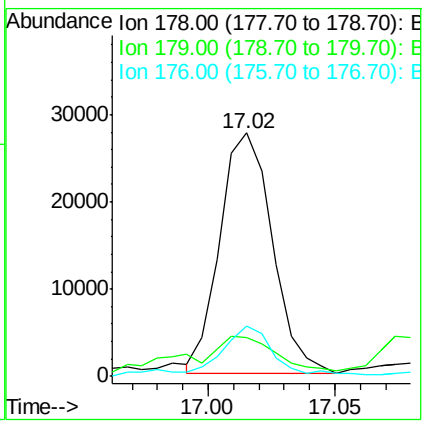


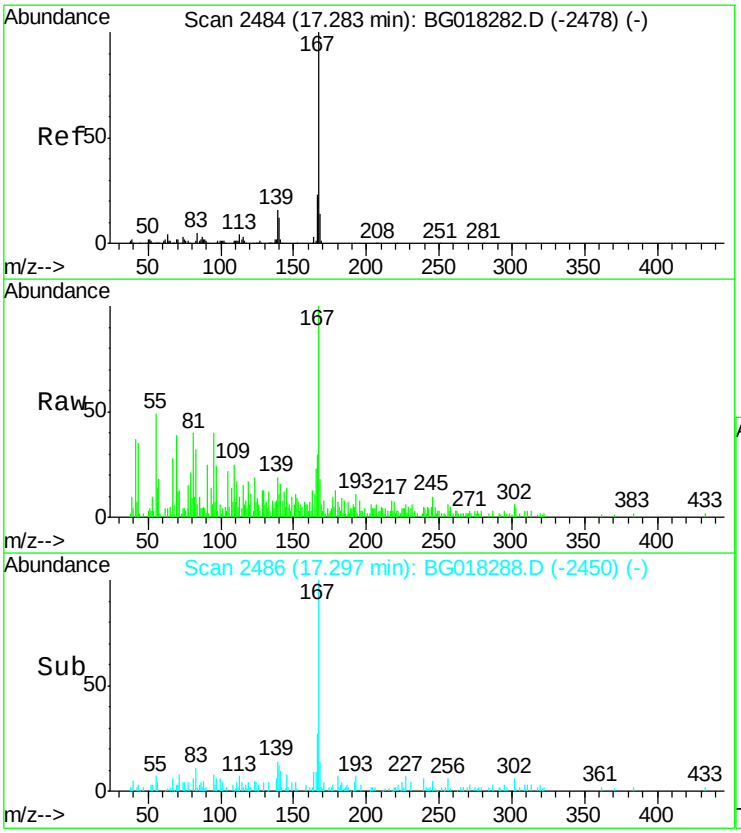
#72
Anthracene
Concen: 4.19 ng/ul
RT: 17.02 min Scan# 2438
Delta R.T. 0.01 min
Lab File: BG018288.D
Acq: 6 Aug 2015 1:32

Instrument :
BNA_G
ClientSampleId :
C01W2RE

Tgt Ion:178 Resp: 39728

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.2	18.4
176	20.8	15.3	22.9

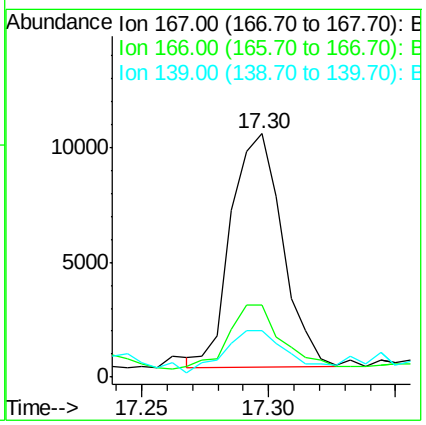


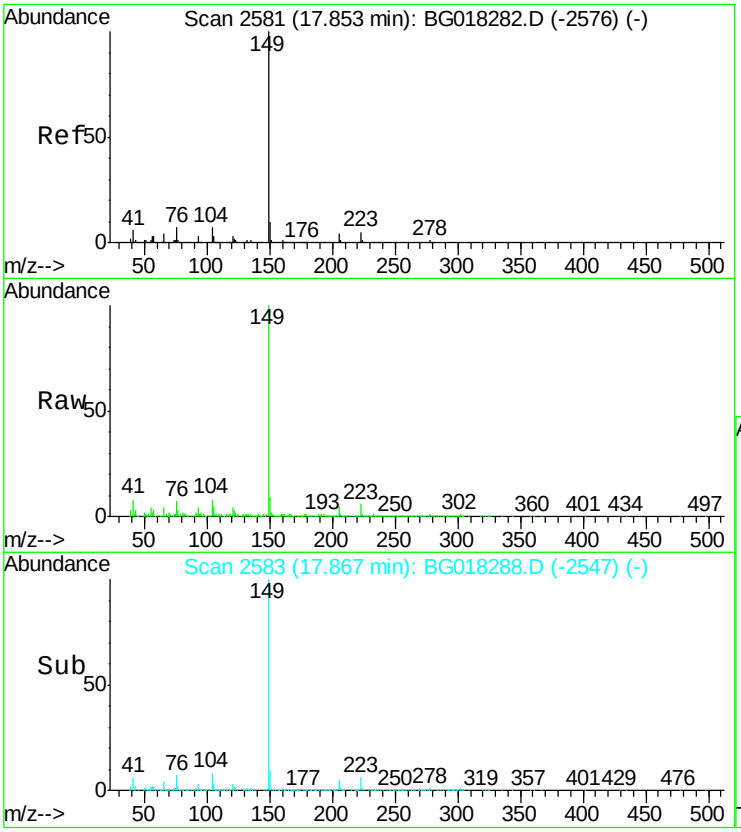


#75
Carbazole
Concen: 1.79 ng/ul
RT: 17.30 min Scan# 2486
Delta R.T. 0.01 min
Lab File: BG018288.D
Acq: 6 Aug 2015 1:32

Tgt Ion:167 Resp: 14351

Ion	Ratio	Lower	Upper
167	100		
166	29.7	17.8	26.8#
139	19.2	10.6	16.0#



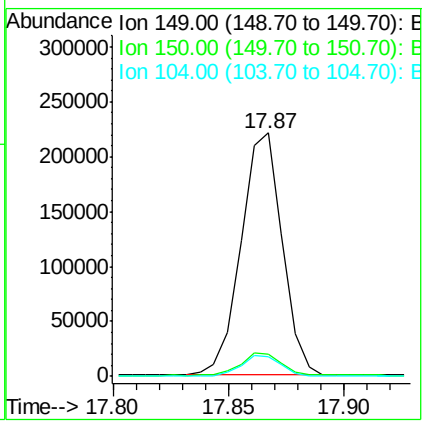


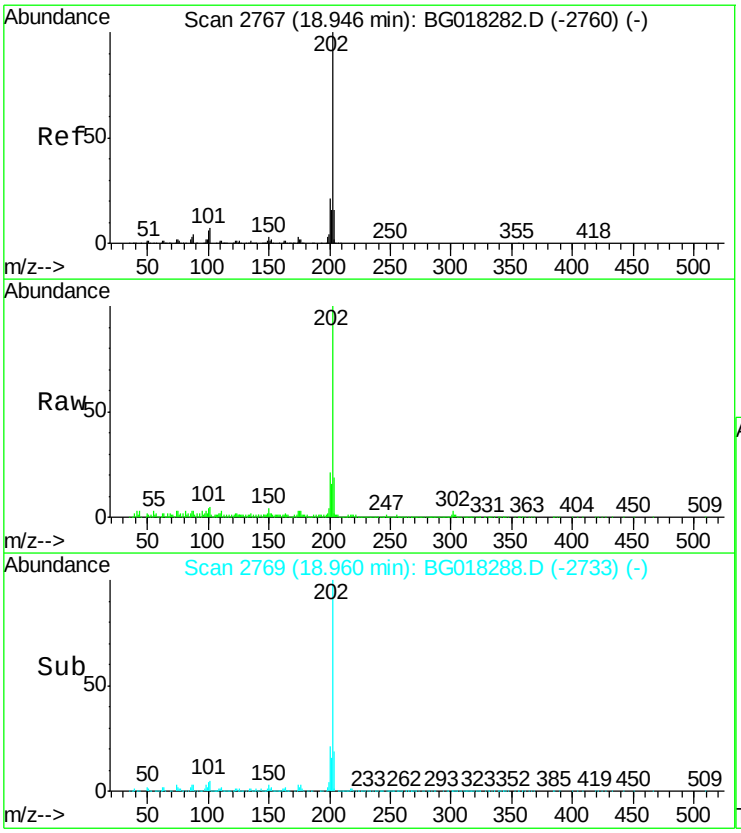
#76
Di-n-butylphthalate
Concen: 24.52 ng/ul
RT: 17.87 min Scan# 2583
Delta R.T. 0.01 min
Lab File: BG018288.D
Acq: 6 Aug 2015 1:32

Instrument :
BNA_G
ClientSampleId :
C01W2RE

Tgt Ion:149 Resp: 275334

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	8.0	5.5	8.3

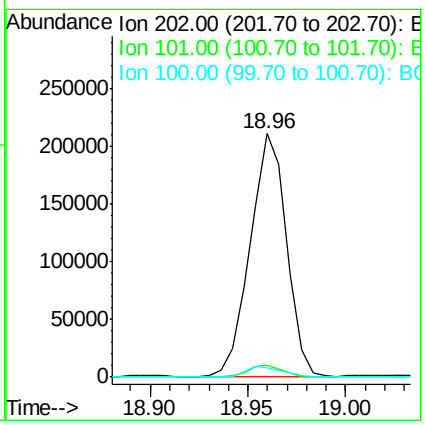


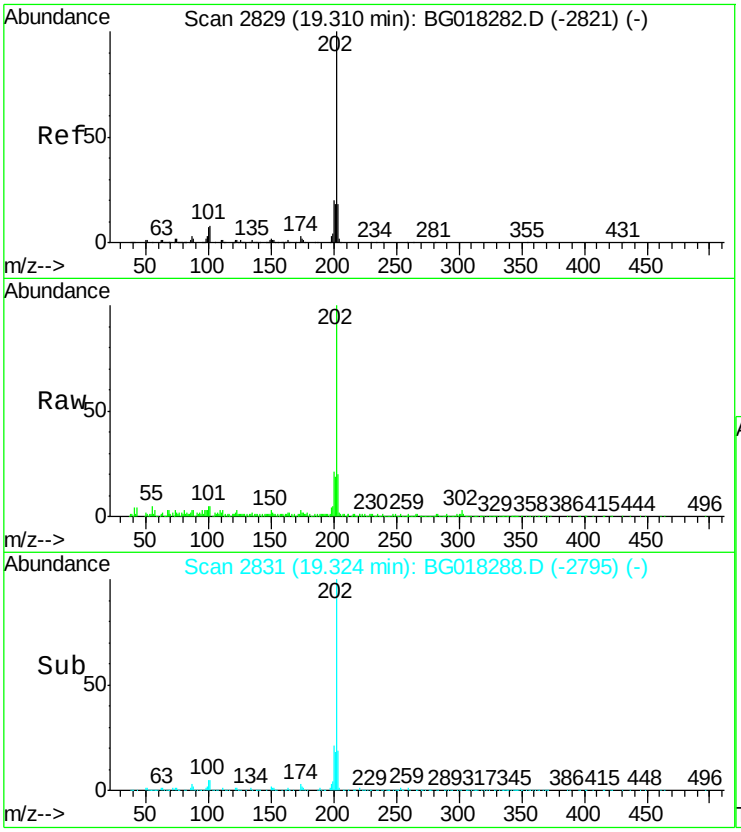


#77
Fluoranthene
Concen: 25.67 ng/ul
RT: 18.96 min Scan# 2769
Delta R.T. 0.01 min
Lab File: BG018288.D
Acq: 6 Aug 2015 1:32

Tgt Ion:202 Resp: 270711

Ion	Ratio	Lower	Upper
202	100		
101	5.0	6.2	9.2#
100	3.8	4.6	6.8#



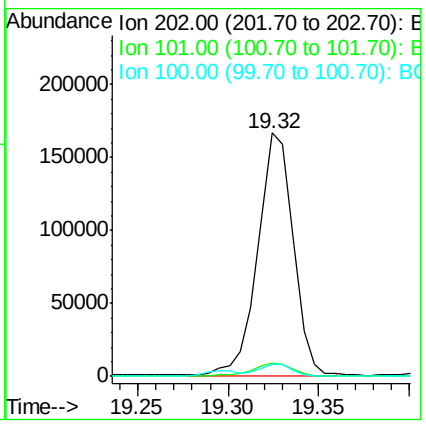


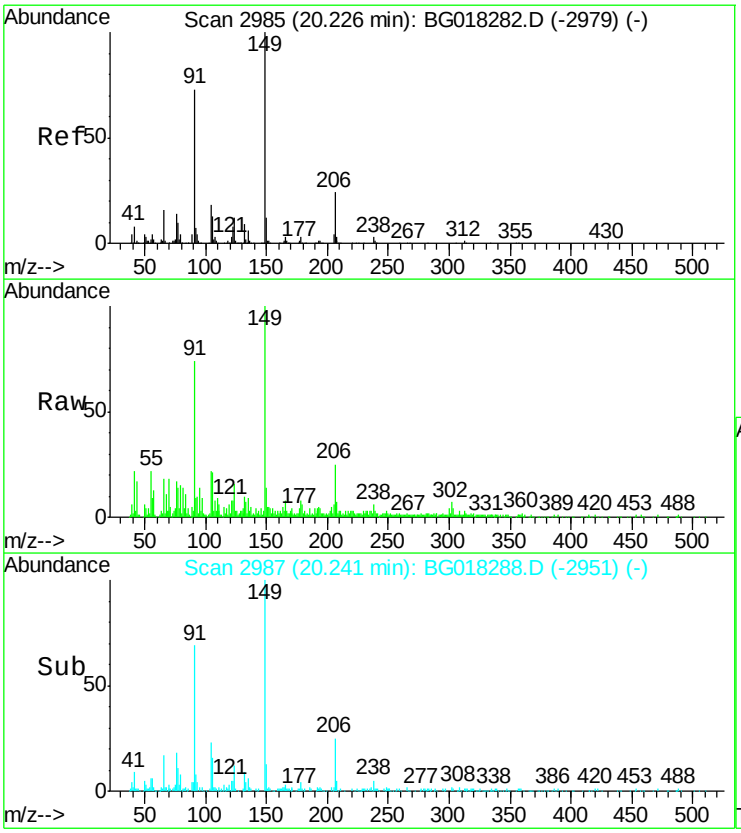
#80
Pyrene
Concen: 22.62 ng/ul
RT: 19.32 min Scan# 2831
Delta R.T. 0.01 min
Lab File: BG018288.D
Acq: 6 Aug 2015 1:32

Instrument :
BNA_G
ClientSampleId :
C01W2RE

Tgt Ion:202 Resp: 225298

Ion	Ratio	Lower	Upper
202	100		
101	5.3	6.2	9.2#
100	5.2	4.6	7.0

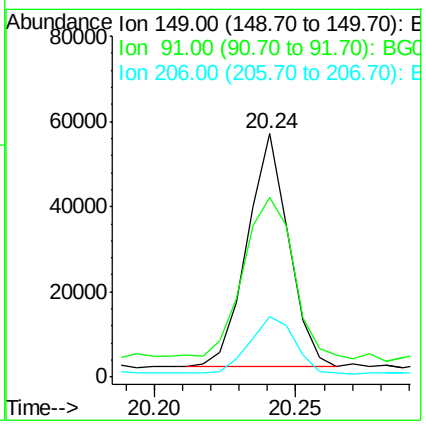


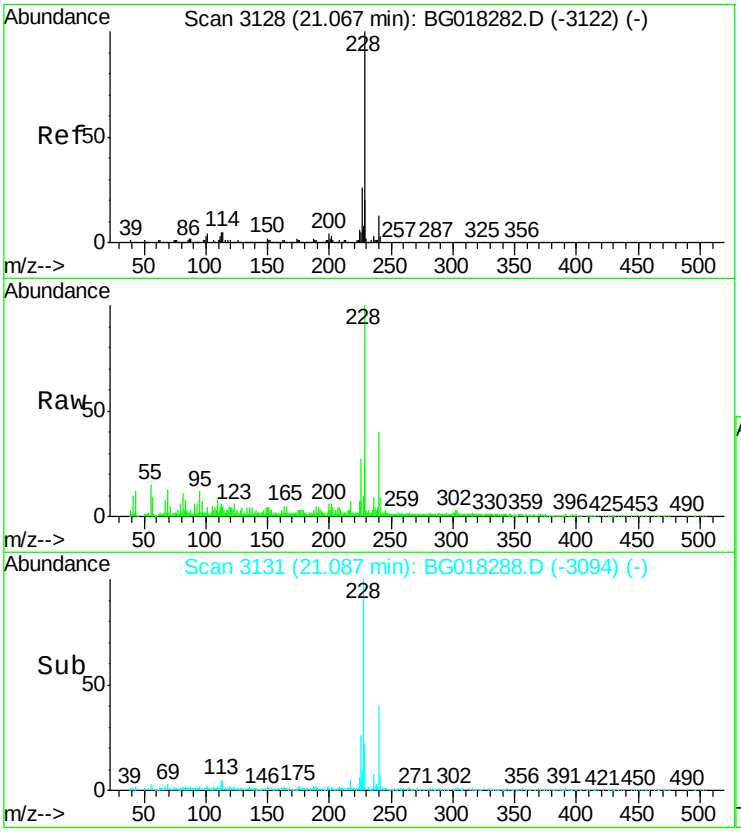


#81
Butylbenzylphthalate
Concen: 14.43 ng/ul
RT: 20.24 min Scan# 2987
Delta R.T. 0.01 min
Lab File: BG018288.D
Acq: 6 Aug 2015 1:32

Tgt Ion:149 Resp: 55761

Ion	Ratio	Lower	Upper
149	100		
91	74.0	58.2	87.2
206	25.1	19.9	29.9



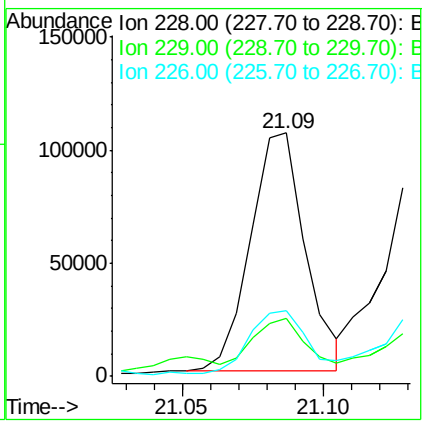


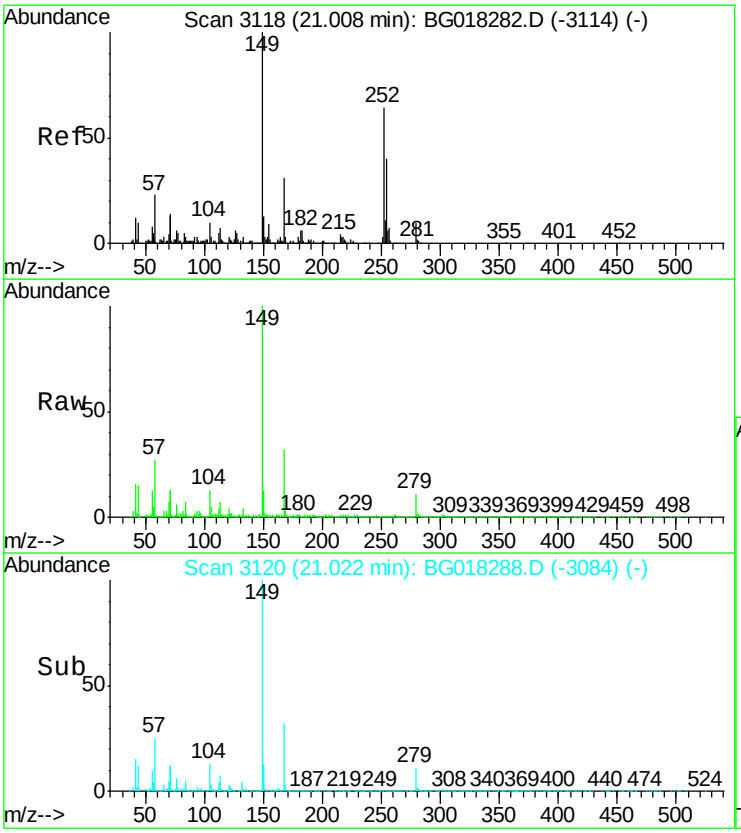
#83
Benzo(a)anthracene
Concen: 18.79 ng/ul
RT: 21.09 min Scan# 3131
Delta R.T. 0.02 min
Lab File: BG018288.D
Acq: 6 Aug 2015 1:32

Instrument :
BNA_G
ClientSampleId :
C01W2RE

Tgt Ion:228 Resp: 142058

Ion	Ratio	Lower	Upper
228	100		
229	23.8	16.3	24.5
226	26.9	21.2	31.8

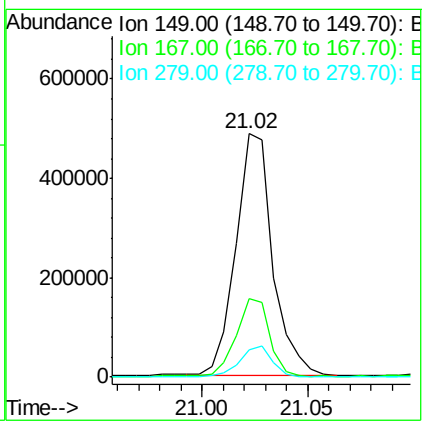


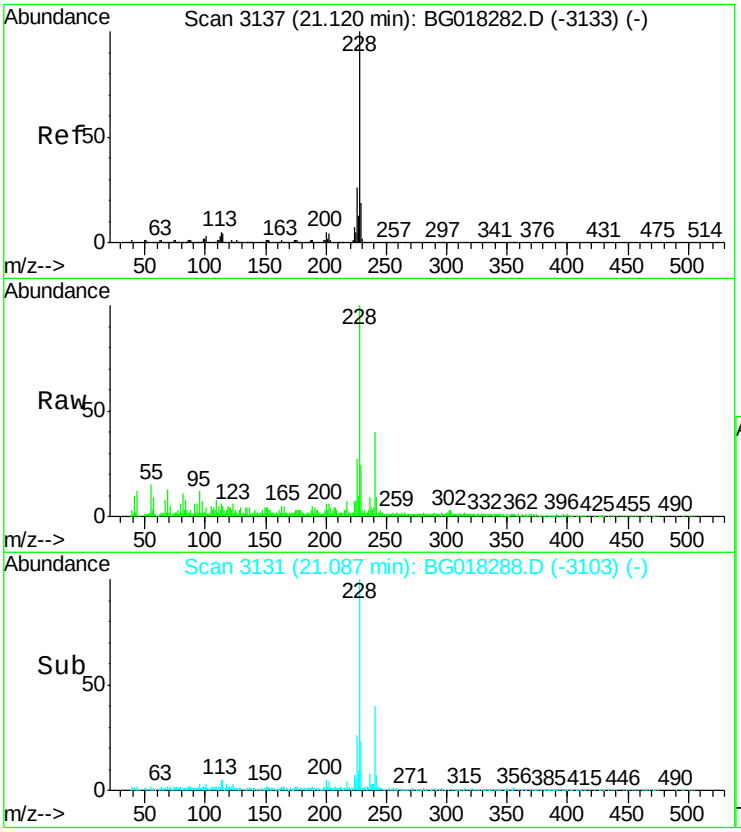


#84
Bis(2-ethylhexyl)phthalate
Concen: 126.45 ng/ul
RT: 21.02 min Scan# 3120
Delta R.T. 0.01 min
Lab File: BG018288.D
Acq: 6 Aug 2015 1:32

Tgt Ion:149 Resp: 587913

Ion	Ratio	Lower	Upper
149	100		
167	32.1	26.4	39.6
279	11.4	8.6	12.8



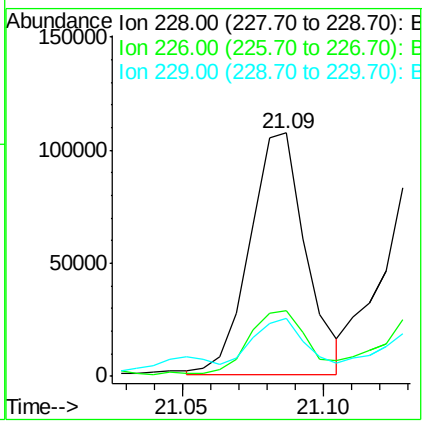


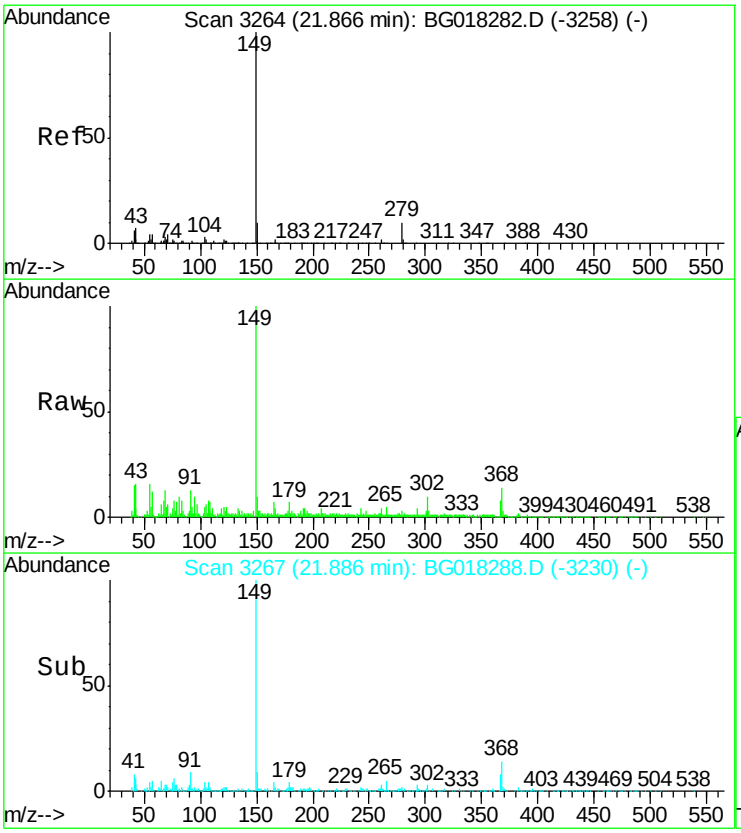
#85
Chrysene
Concen: 21.63 ng/ul
RT: 21.09 min Scan# 3131
Delta R.T. -0.03 min
Lab File: BG018288.D
Acq: 6 Aug 2015 1:32

Instrument :
BNA_G
ClientSampleId :
C01W2RE

Tgt Ion:228 Resp: 146936

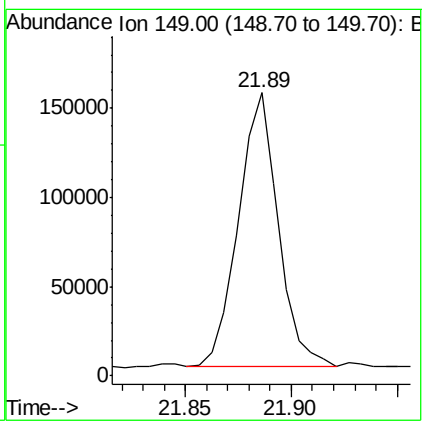
Ion	Ratio	Lower	Upper
228	100		
226	26.9	23.0	34.6
229	23.8	15.9	23.9

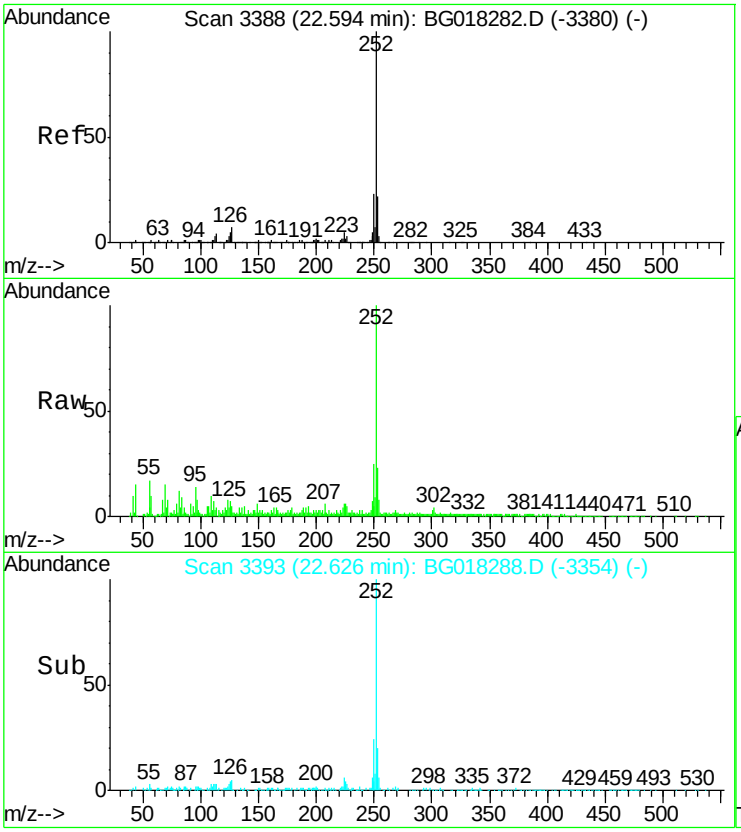




#87
Di-n-octyl phthalate
Concen: 19.67 ng/ul
RT: 21.89 min Scan# 3267
Delta R.T. 0.02 min
Lab File: BG018288.D
Acq: 6 Aug 2015 1:32

Tgt Ion:149 Resp: 199435



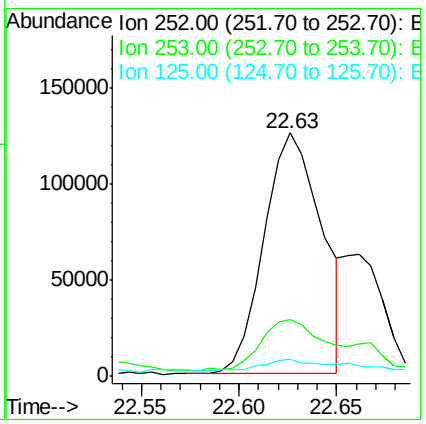


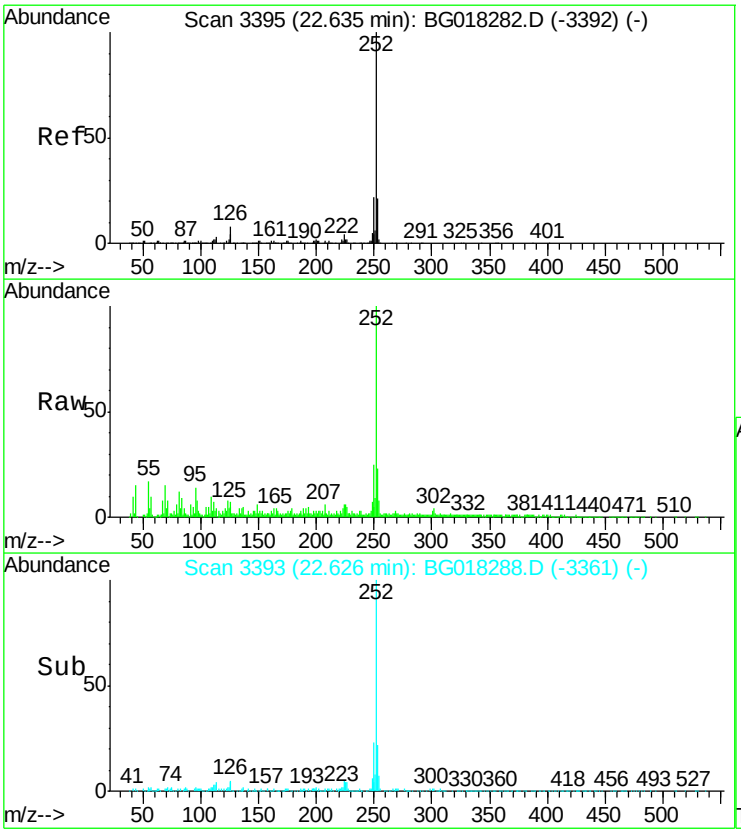
#88
Benzo(b)fluoranthene
Concen: 27.14 ng/ul
RT: 22.63 min Scan# 3393
Delta R.T. 0.03 min
Lab File: BG018288.D
Acq: 6 Aug 2015 1:32

Instrument :
BNA_G
ClientSampleId :
C01W2RE

Tgt Ion:252 Resp: 256157

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	6.9	3.1	4.7#

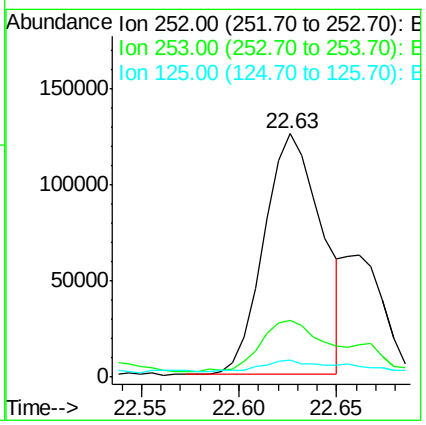


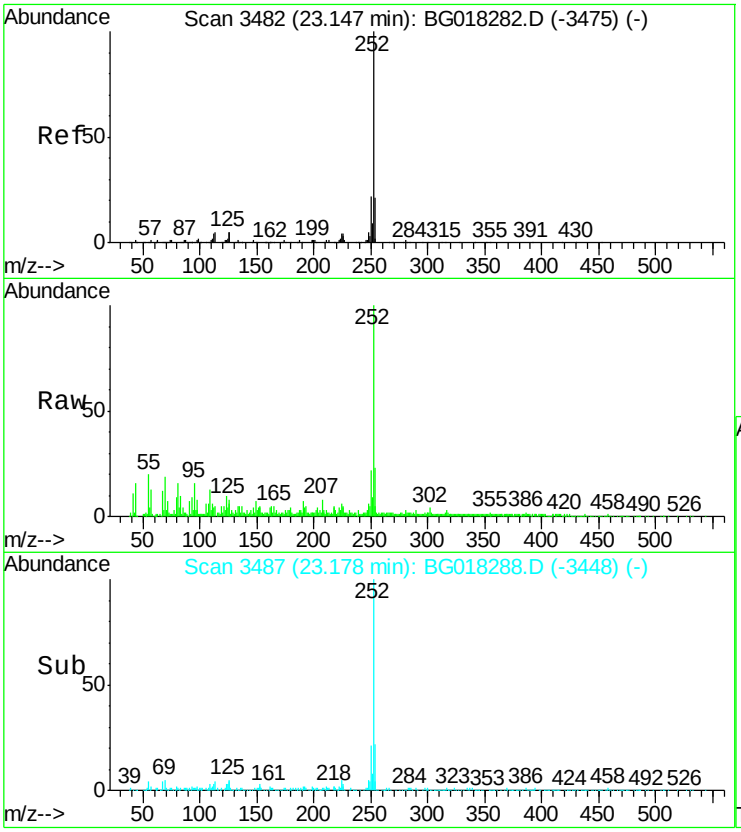


#89
Benzo(k)fluoranthene
Concen: 28.31 ng/ul
RT: 22.63 min Scan# 3393
Delta R.T. -0.01 min
Lab File: BG018288.D
Acq: 6 Aug 2015 1:32

Tgt Ion:252 Resp: 256157

Ion	Ratio	Lower	Upper
252	100		
253	23.3	16.4	24.6
125	6.9	3.4	5.2#



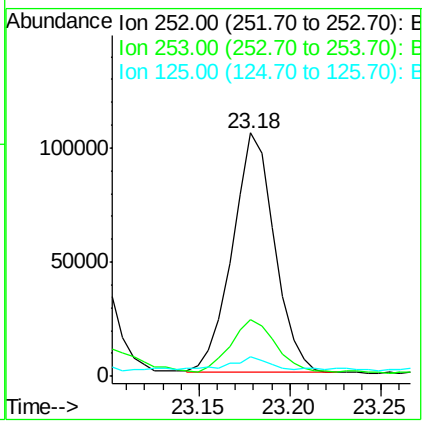


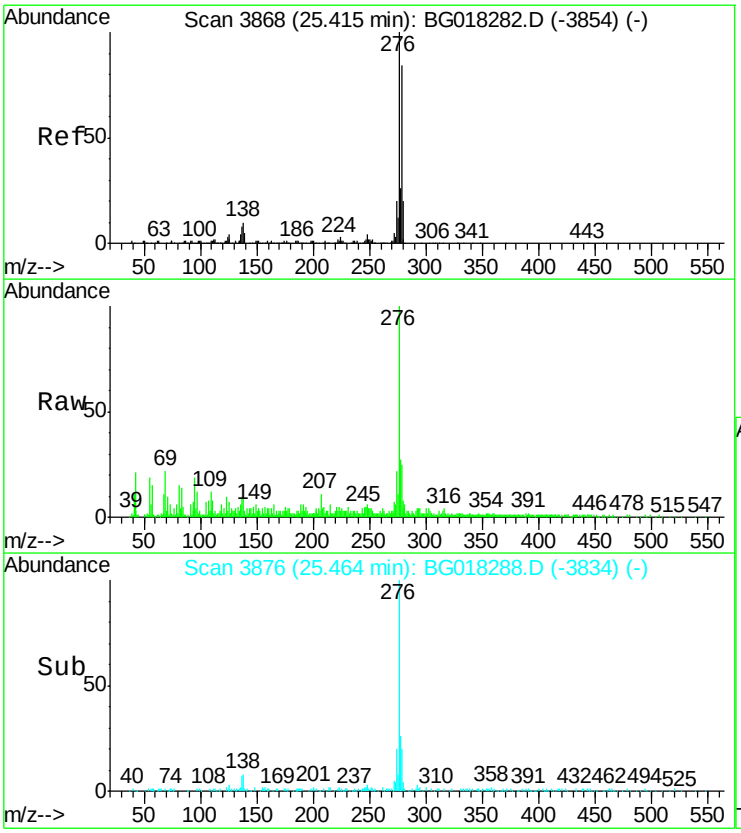
#91
Benzo(a)pyrene
Concen: 20.54 ng/ul
RT: 23.18 min Scan# 3487
Delta R.T. 0.03 min
Lab File: BG018288.D
Acq: 6 Aug 2015 1:32

Instrument :
BNA_G
ClientSampleId :
C01W2RE

Tgt Ion:252 Resp: 169229

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.9	28.3
125	7.8	3.2	4.8#

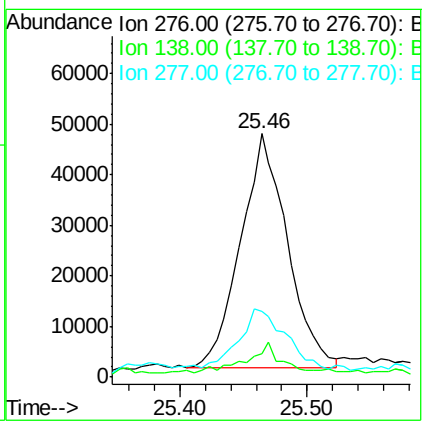


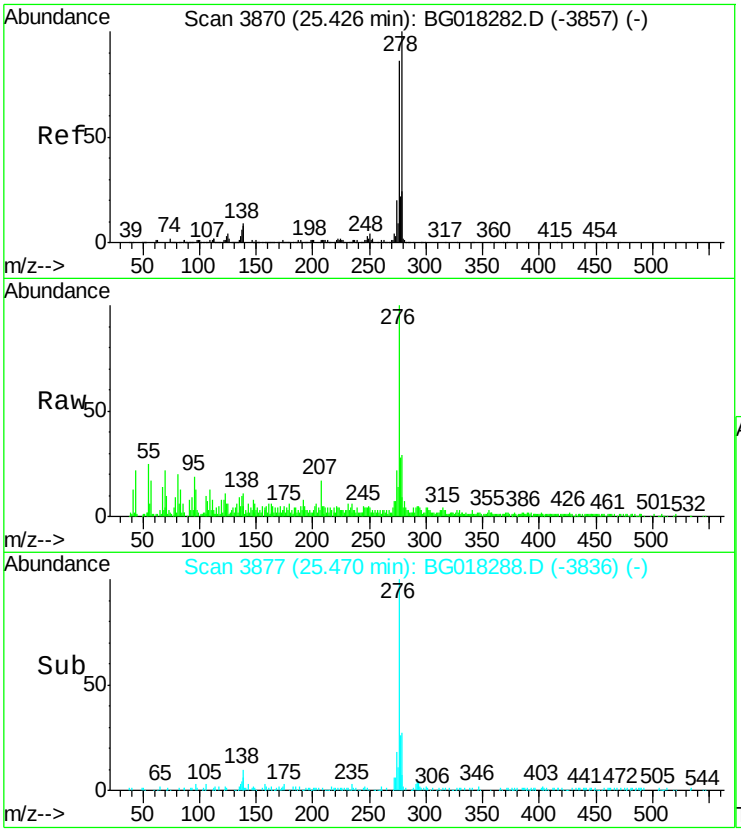


#92
Indeno(1,2,3-cd)pyrene
Concen: 11.65 ng/ul
RT: 25.46 min Scan# 3876
Delta R.T. 0.05 min
Lab File: BG018288.D
Acq: 6 Aug 2015 1:32

Tgt Ion:276 Resp: 118775

Ion	Ratio	Lower	Upper
276	100		
138	9.6	8.2	12.4
277	27.1	20.1	30.1



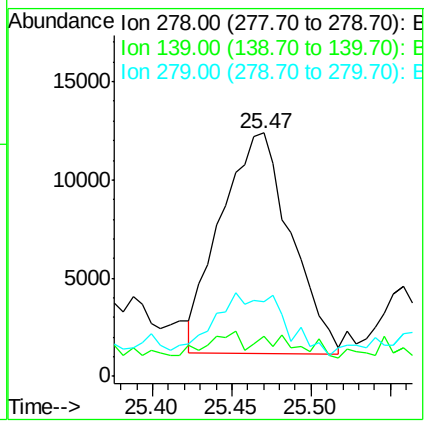


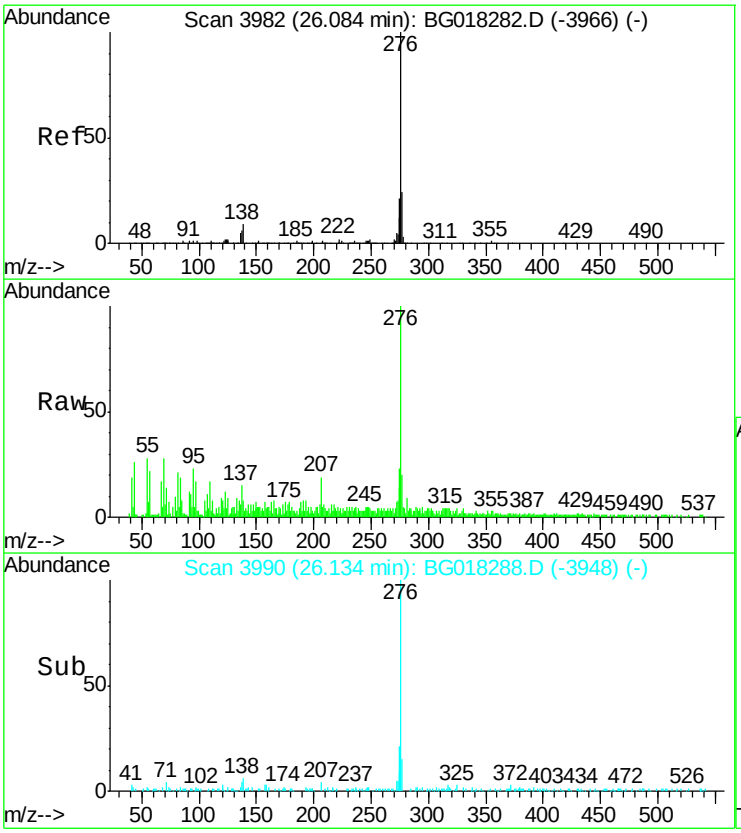
#93
Dibenzo(a,h)anthracene
Concen: 3.85 ng/ul
RT: 25.47 min Scan# 3877
Delta R.T. 0.04 min
Lab File: BG018288.D
Acq: 6 Aug 2015 1:32

Instrument :
BNA_G
ClientSampleId :
C01W2RE

Tgt Ion:278 Resp: 34464

Ion	Ratio	Lower	Upper
278	100		
139	20.6	5.8	8.8#
279	30.4	19.8	29.6#





#94
Benzo(g,h,i)perylene
Concen: 12.26 ng/ul
RT: 26.13 min Scan# 3990
Delta R.T. 0.05 min
Lab File: BG018288.D
Acq: 6 Aug 2015 1:32

Tgt Ion:276 Resp: 101393

Ion	Ratio	Lower	Upper
276	100		
138	8.1	6.0	9.0
277	20.0	21.1	31.7#