Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
Data File : BG018289.D
Acq On : 6 Aug 2015 2:06
Operator : UM/TP
Sample : G3109-15RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3RE

Quant Time: Aug 06 05:05:10 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	34303	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	165483	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	100026	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	147732	20.00	ng/ul	0.01
78) Chrysene-d12	21.11	240	138669	20.00	ng/ul	0.03
86) Perylene-d12	23.28	264	130799	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.90	96	1516	3.81	ng/uL	0.00
5) Phenol-d5	6.65	99	68223	25.29	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.78	67	38032	29.17	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	61528	27.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.18	113	37668	16.54	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	32639	25.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	39784	26.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	59851	21.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.38	131	6124	1.88	ng/ul	0.01
44) Dimethylphthalate-d6	13.54	166	197813	25.57	ng/ul	0.00
47) Acenaphthylene-d8	13.81	160	209997	23.94	ng/ul	0.00
52) 4-Nitrophenol-d4	14.39	143	17506	13.72	ng/ul	0.02
58) Fluorene-d10	15.12	176	146928	21.14	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.28	200	11070	10.82	ng/ul	0.02
71) Anthracene-d10	16.99	188	155414	23.92	ng/ul	0.01
79) Pyrene-d10	19.31	212	112318	14.47	ng/ul	0.03
90) Benzo(a)pyrene-d12	23.28	264	127885	18.79	ng/ul	0.18
Target Compounds						Qvalue
14) Acetophenone	8.27	105	6314	1.72	ng/ul#	85
16) 4-Methylphenol	8.24	108	4097	1.67	ng/ul	92
28) Naphthalene	10.27	128	103190	13.27	ng/ul	96
34) 2-Methylnaphthalene	11.90	142	53068	8.50	ng/ul	86
35) 1-Methylnaphthalene	12.13	142	39198	6.50	ng/ul#	86
41) 1,1'-Biphenyl	12.94	154	26067	3.78	ng/ul#	93
45) Dimethylphthalate	13.58	163	78258	10.14	ng/ul	99
48) Acenaphthylene	13.85	152	28192	3.12	ng/ul#	94
50) Acenaphthene	14.19	153	192165	32.87	ng/ul	99
54) Dibenzofuran	14.52	168	155772	18.10	ng/ul	94
59) Fluorene	15.18	166	275257	36.43	ng/ul	98
65) N-Nitrosodiphenylamine	15.40	169	9204	2.37	ng/ul#	68
70) Phenanthrene	17.02	178	548568	73.58	ng/ul	96
72) Anthracene	17.02	178	549415	73.84	ng/ul	98
75) Carbazole	17.30	167	78084	12.44	ng/ul	95
76) Di-n-butylphthalate	17.87	149	69180	7.86	ng/ul#	93
77) Fluoranthene	18.98	202	1792654	216.78	ng/ul	99
80) Pyrene	19.35	202	1685832	174.84	ng/ul	99
81) Butylbenzylphthalate	20.24	149	7442	1.99	ng/ul#	53
83) Benzo(a)anthracene	21.09	228	865209	118.21	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.10	149	9817	2.18	ng/ul	94
85) Chrysene	21.15	228	747262	113.63	ng/ul	95
87) Di-n-octyl phthalate	21.93	149	8838	1.03	ng/ul	100

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
Data File : BG018289.D
Acq On : 6 Aug 2015 2:06
Operator : UM/TP
Sample : G3109-15RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W3RE

Quant Time: Aug 06 05:05:10 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)
88) Benzo(b)fluoranthene	22.64	252	1015627	126.61	ng/ul#	95
89) Benzo(k)fluoranthene	22.64	252	1015627	132.03	ng/ul#	92
91) Benzo(a)pyrene	23.20	252	700252	99.98	ng/ul#	99
92) Indeno(1,2,3-cd)pyrene	25.49	276	343098	39.60	ng/ul	99
93) Dibenzo(a,h)anthracene	25.48	278	106384	13.99	ng/ul#	85
94) Benzo(g,h,i)perylene	26.16	276	279368	39.73	ng/ul	97

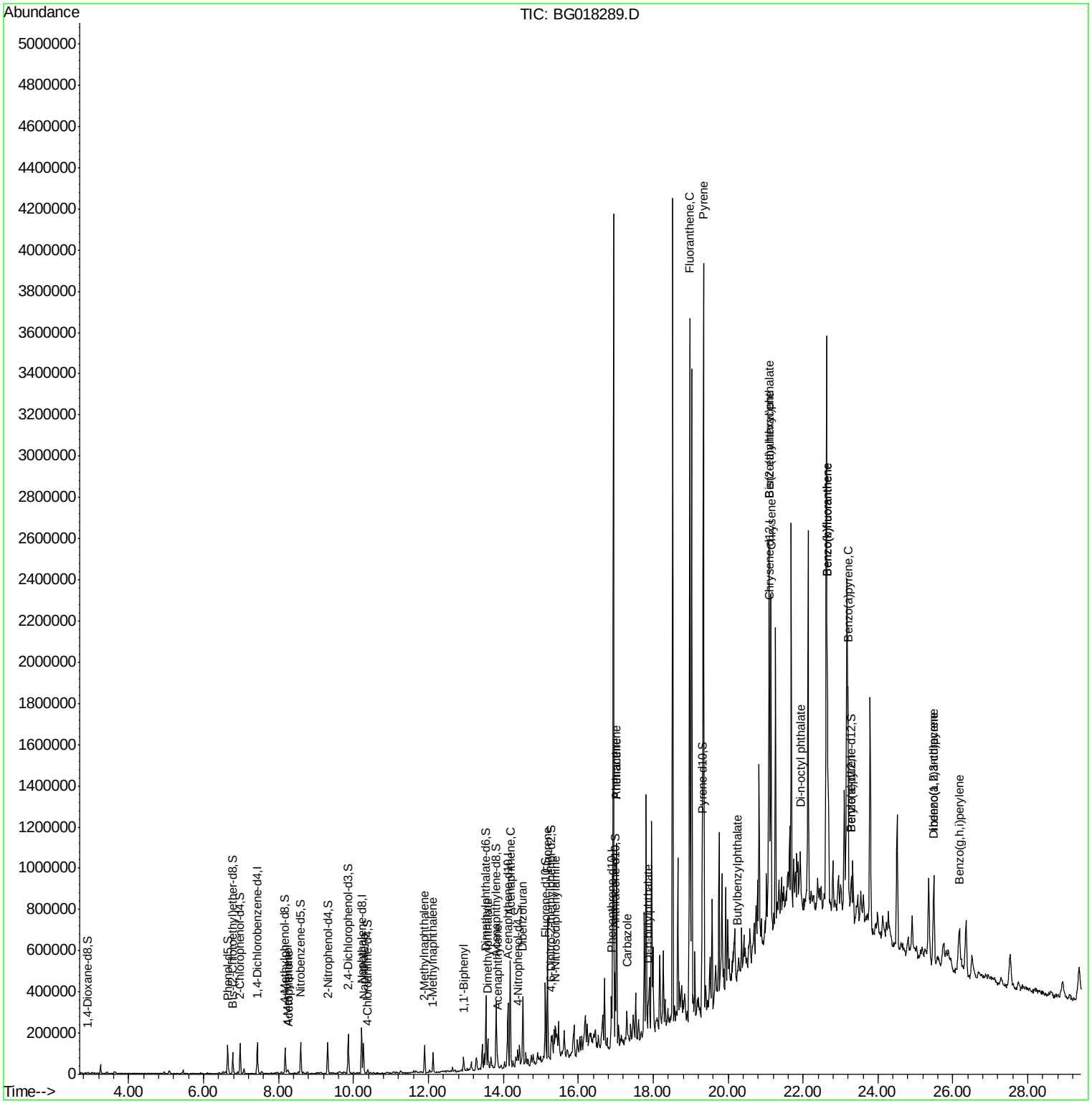
(#) = qualifier out of range (m) = manual integration (+) = signals summed

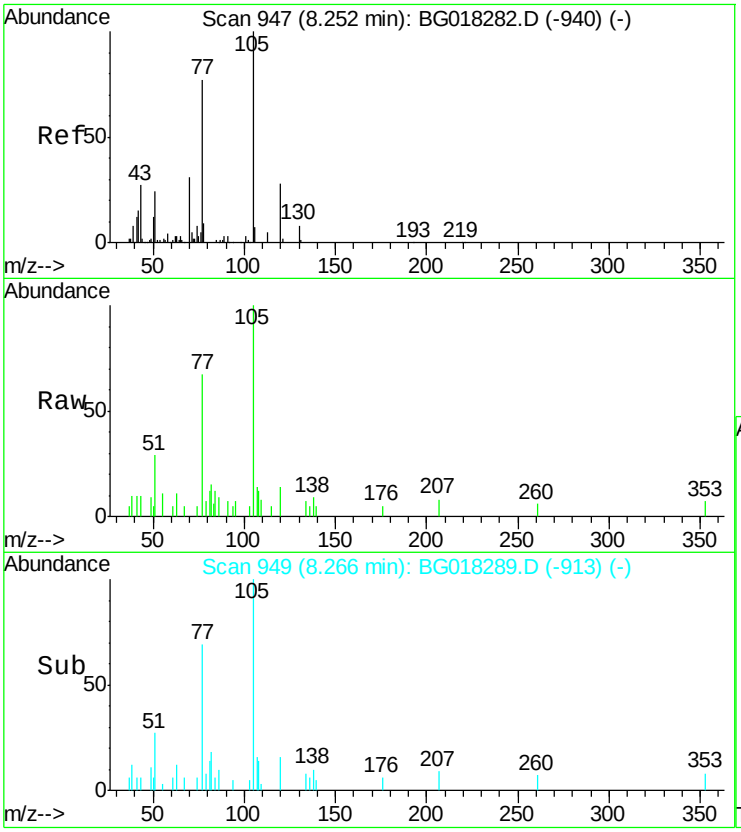
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
Data File : BG018289.D
Acq On : 6 Aug 2015 2:06
Operator : UM/TP
Sample : G3109-15RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01W3RE

Quant Time: Aug 06 05:05:10 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



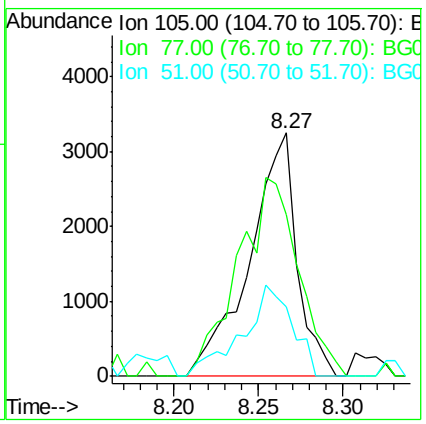


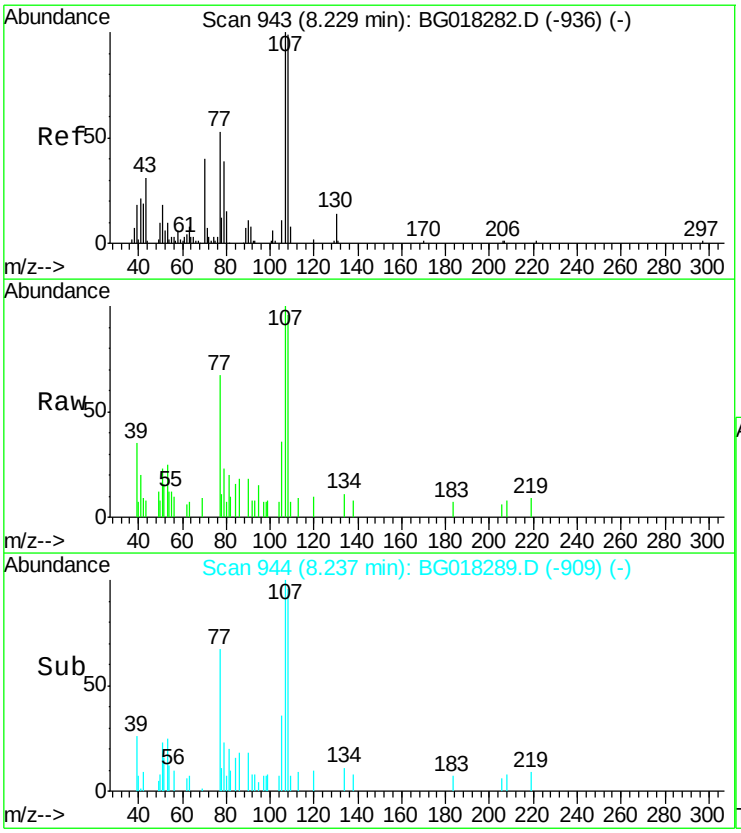
#14
Acetophenone
Concen: 1.72 ng/ul
RT: 8.27 min Scan# 949
Delta R.T. 0.01 min
Lab File: BG018289.D
Acq: 6 Aug 2015 2:06

Instrument :
BNA_G
ClientSampleId :
C01W3RE

Tgt Ion:105 Resp: 6314

Ion	Ratio	Lower	Upper
105	100		
77	66.6	67.5	101.3#
51	28.6	23.6	35.4

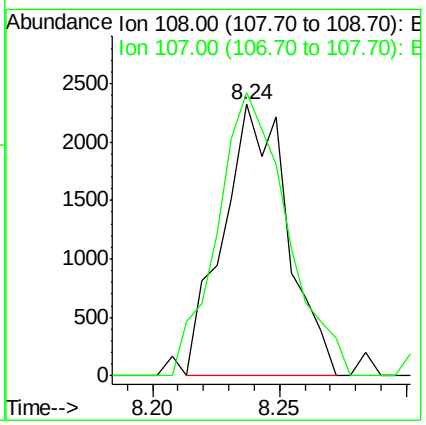


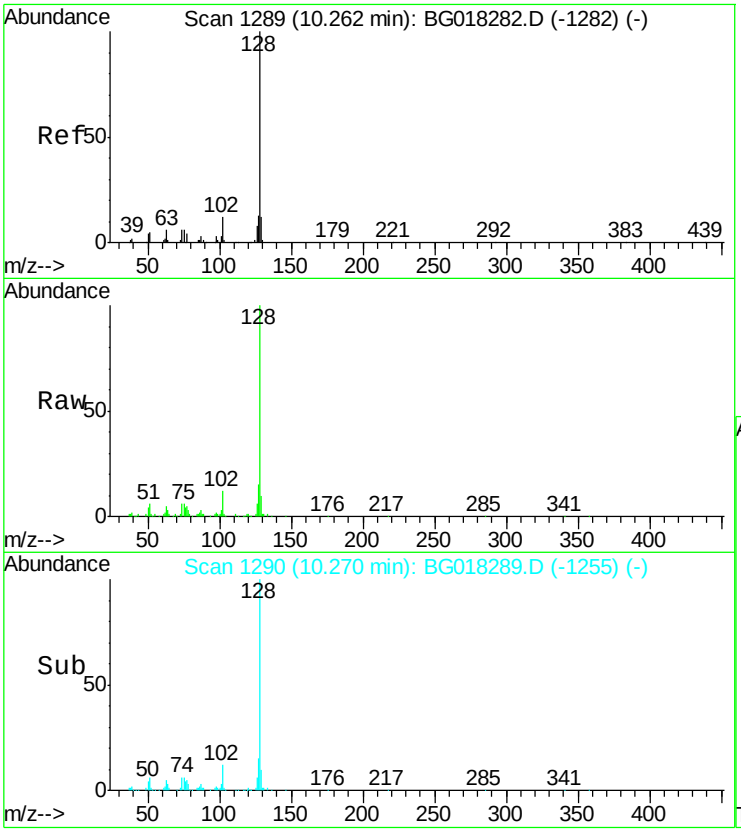


#16
4-Methylphenol
Concen: 1.67 ng/ul
RT: 8.24 min Scan# 944
Delta R.T. 0.01 min
Lab File: BG018289.D
Acq: 6 Aug 2015 2:06

Tgt Ion:108 Resp: 4097

Ion	Ratio	Lower	Upper
108	100		
107	104.4	89.9	134.9



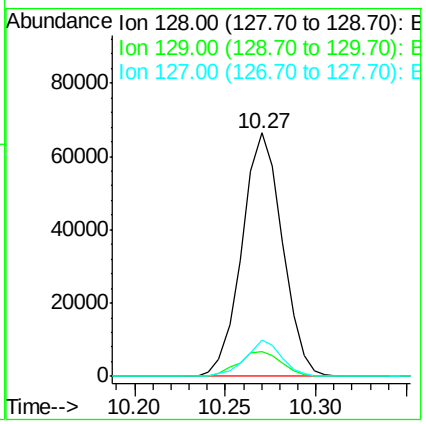


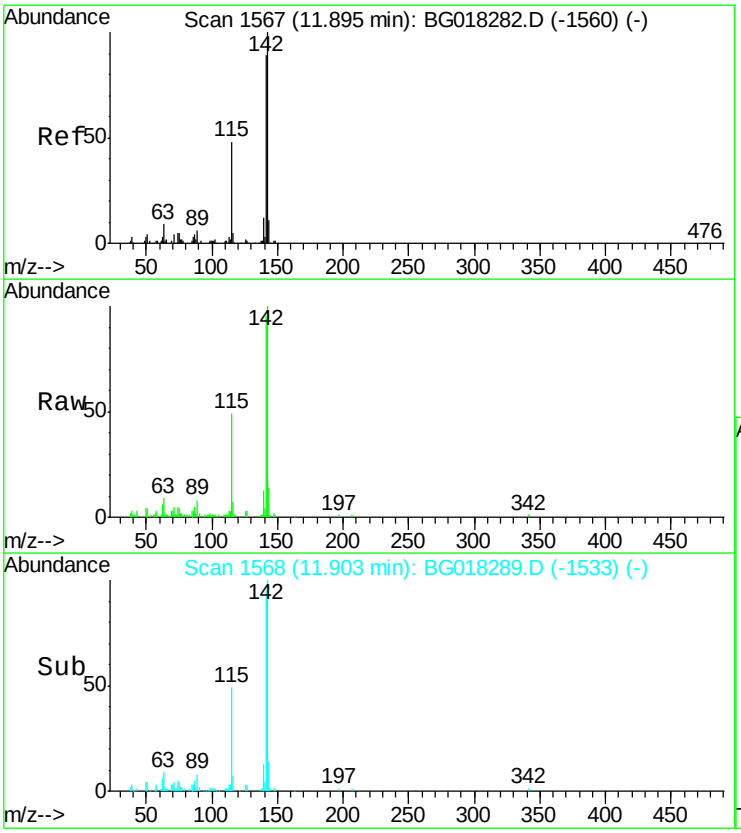
#28
Naphthalene
Concen: 13.27 ng/ul
RT: 10.27 min Scan# 1290
Delta R.T. 0.01 min
Lab File: BG018289.D
Acq: 6 Aug 2015 2:06

Instrument :
BNA_G
ClientSampleId :
C01W3RE

Tgt Ion:128 Resp: 103190

Ion	Ratio	Lower	Upper
128	100		
129	10.3	7.8	11.6
127	14.8	10.2	15.4

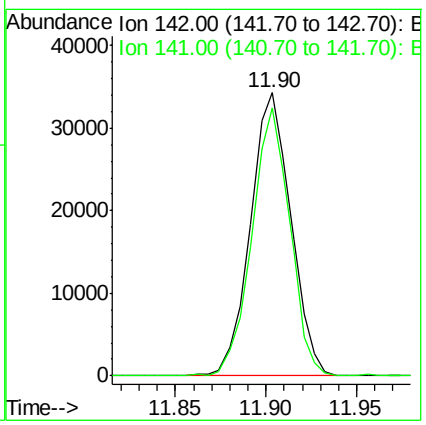


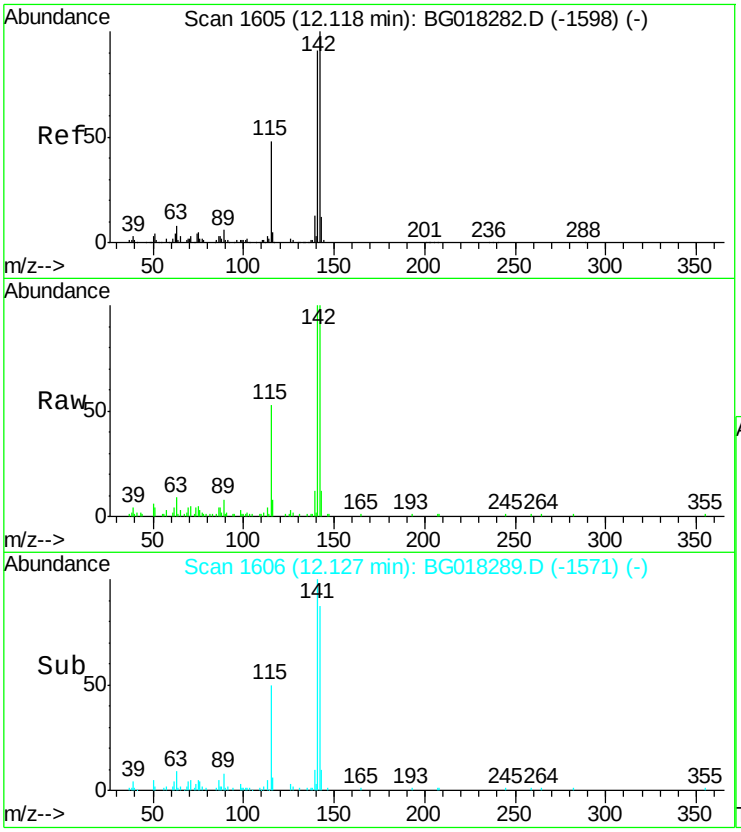


#34
2-Methylnaphthalene
Concen: 8.50 ng/ul
RT: 11.90 min Scan# 1568
Delta R.T. 0.01 min
Lab File: BG018289.D
Acq: 6 Aug 2015 2:06

Tgt Ion:142 Resp: 53068

Ion	Ratio	Lower	Upper
142	100		
141	94.5	65.9	98.9



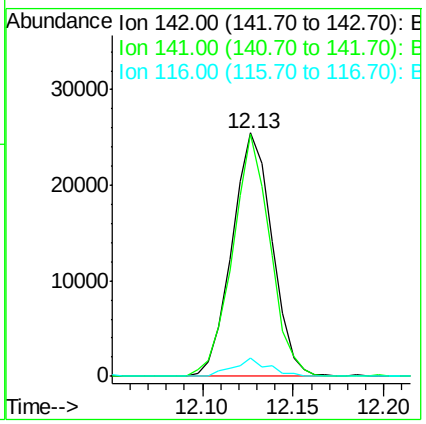


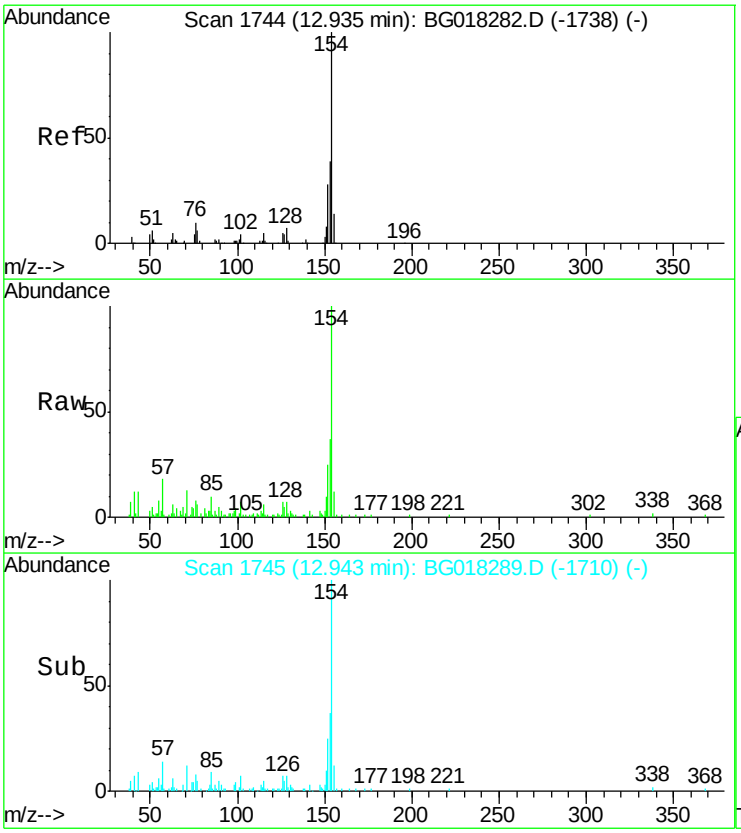
#35
1-Methylnaphthalene
Concen: 6.50 ng/ul
RT: 12.13 min Scan# 1606
Delta R.T. 0.01 min
Lab File: BG018289.D
Acq: 6 Aug 2015 2:06

Instrument :
BNA_G
ClientSampleId :
C01W3RE

Tgt Ion:142 Resp: 39198

Ion	Ratio	Lower	Upper
142	100		
141	99.8	69.0	103.4
116	7.5	4.2	6.4#

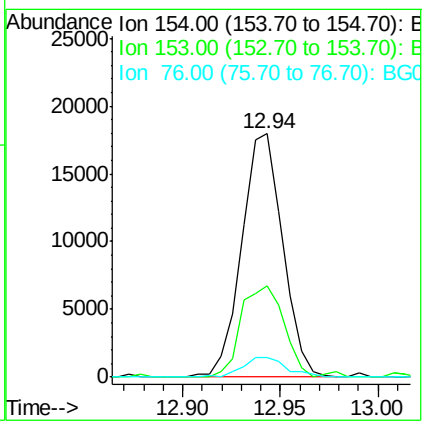


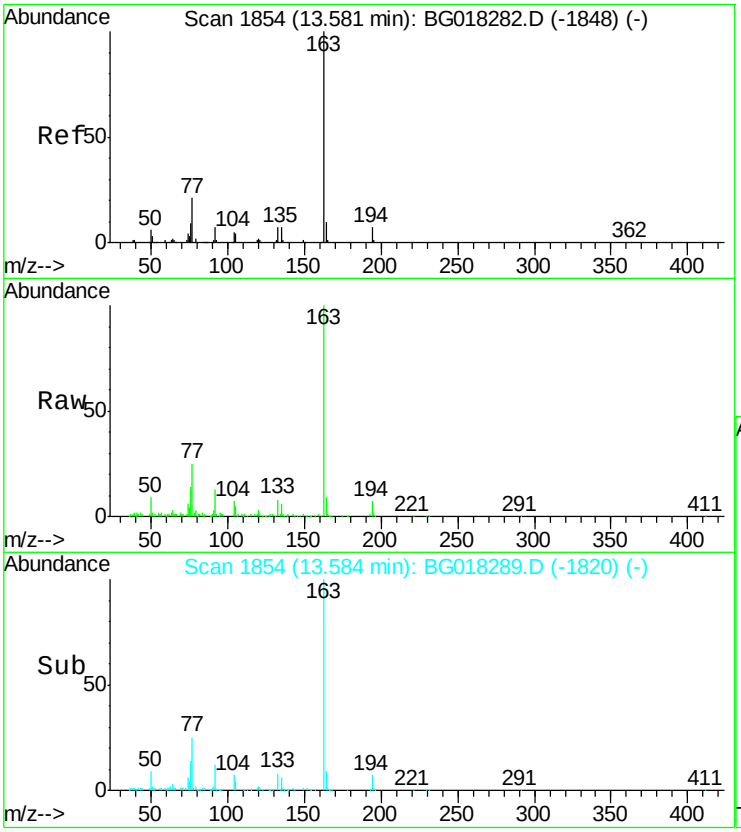


#41
1,1'-Biphenyl
Concen: 3.78 ng/ul
RT: 12.94 min Scan# 1745
Delta R.T. 0.01 min
Lab File: BG018289.D
Acq: 6 Aug 2015 2:06

Tgt Ion:154 Resp: 26067

Ion	Ratio	Lower	Upper
154	100		
153	37.3	33.4	50.0
76	7.8	8.6	12.8#



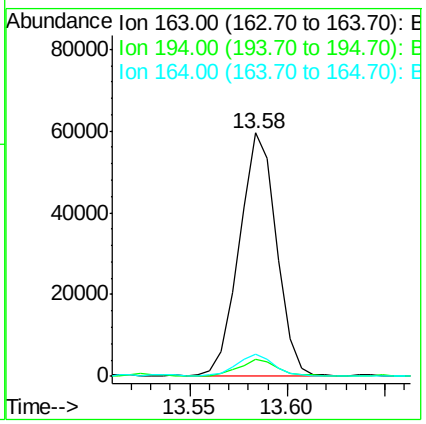


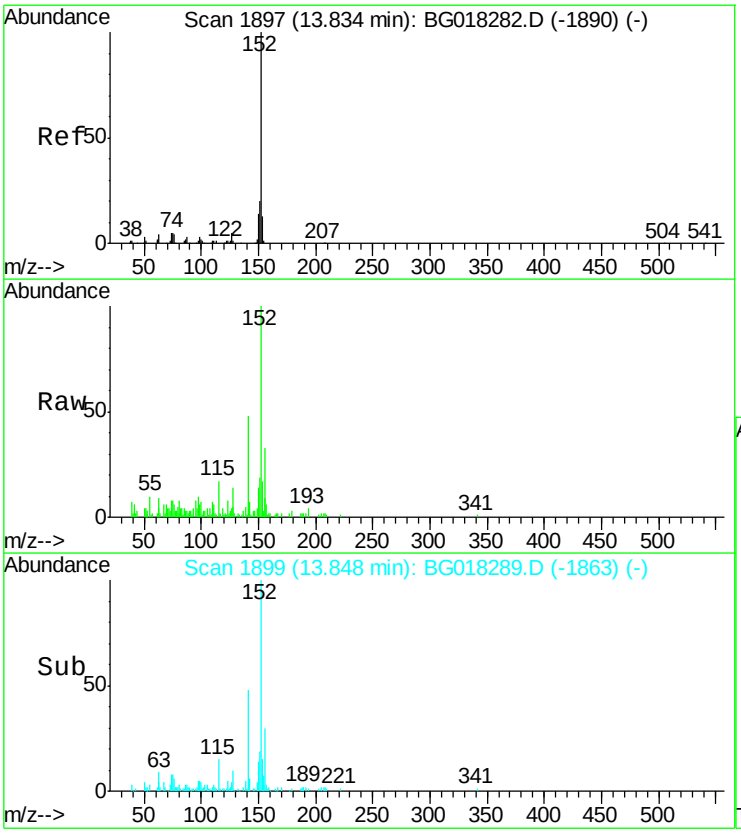
#45
Dimethylphthalate
Concen: 10.14 ng/ul
RT: 13.58 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BG018289.D
Acq: 6 Aug 2015 2:06

Instrument :
BNA_G
ClientSampleId :
C01W3RE

Tgt Ion:163 Resp: 78258

Ion	Ratio	Lower	Upper
163	100		
194	7.0	5.4	8.2
164	9.2	7.8	11.8

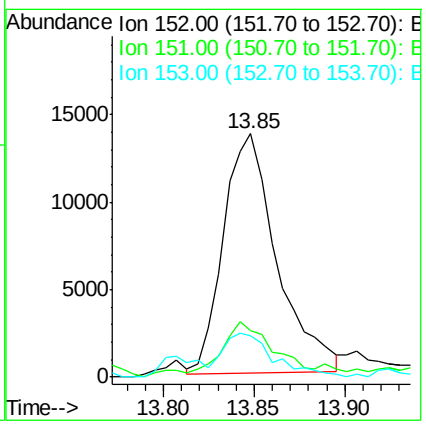


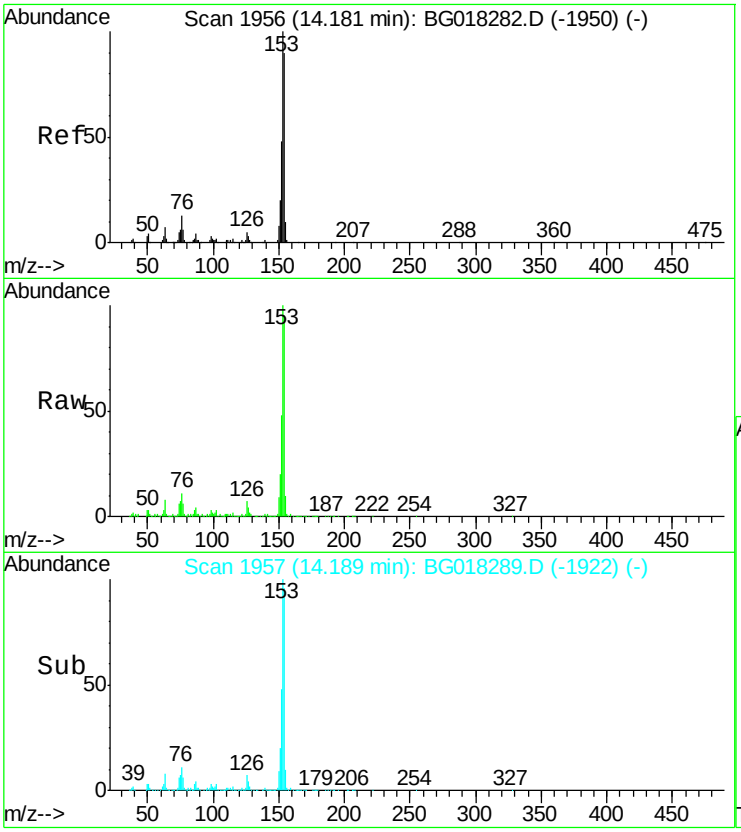


#48
Acenaphthylene
Concen: 3.12 ng/ul
RT: 13.85 min Scan# 1899
Delta R.T. 0.01 min
Lab File: BG018289.D
Acq: 6 Aug 2015 2:06

Tgt Ion:152 Resp: 28192

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.5	24.7
153	16.8	9.8	14.6#



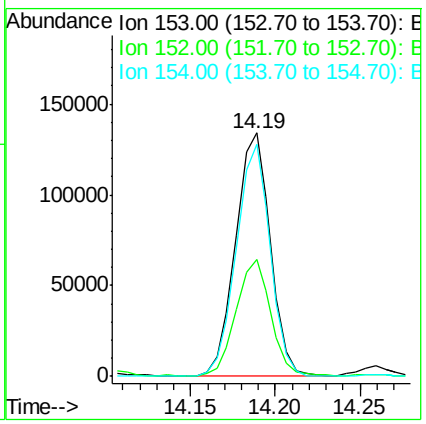


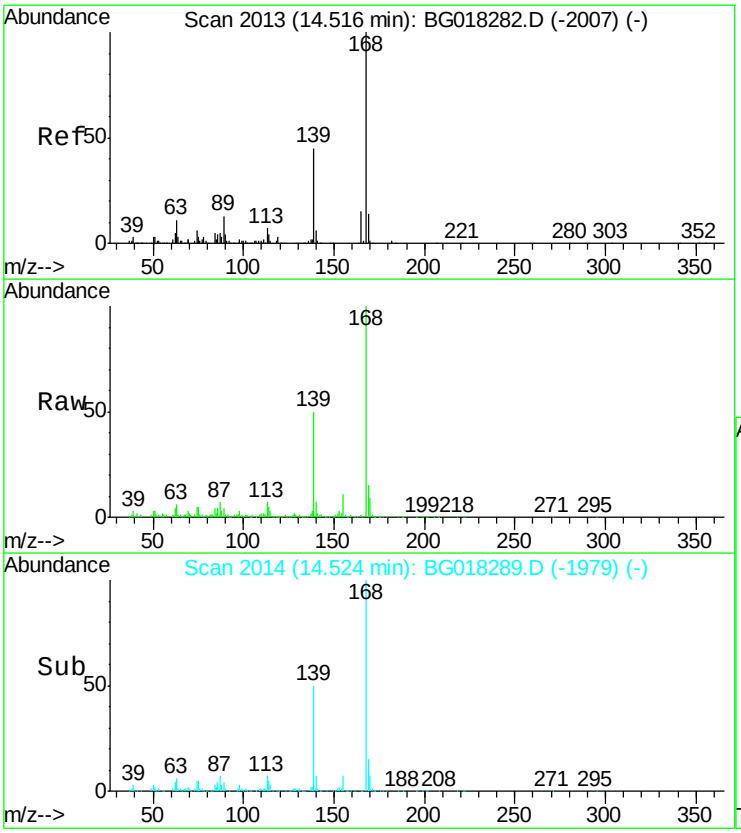
#50
Acenaphthene
Concen: 32.87 ng/ul
RT: 14.19 min Scan# 1957
Delta R.T. 0.01 min
Lab File: BG018289.D
Acq: 6 Aug 2015 2:06

Instrument :
BNA_G
ClientSampleId :
C01W3RE

Tgt Ion:153 Resp: 192165

Ion	Ratio	Lower	Upper
153	100		
152	47.8	39.0	58.4
154	95.5	77.4	116.2

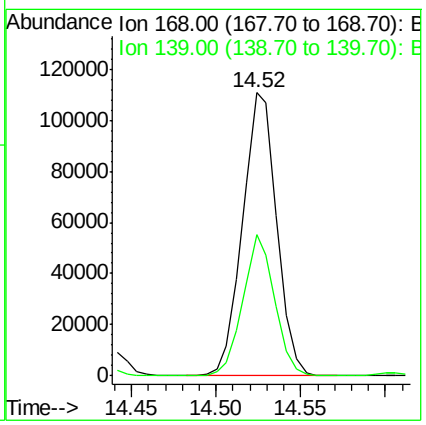


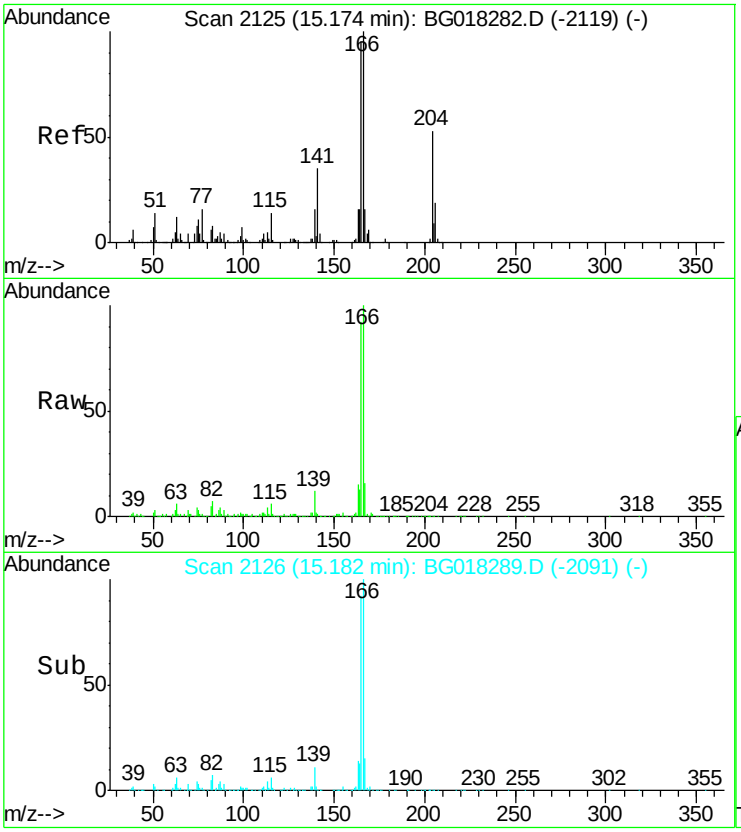


#54
Dibenzofuran
Concen: 18.10 ng/ul
RT: 14.52 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BG018289.D
Acq: 6 Aug 2015 2:06

Tgt Ion:168 Resp: 155772

Ion	Ratio	Lower	Upper
168	100		
139	50.1	37.1	55.7



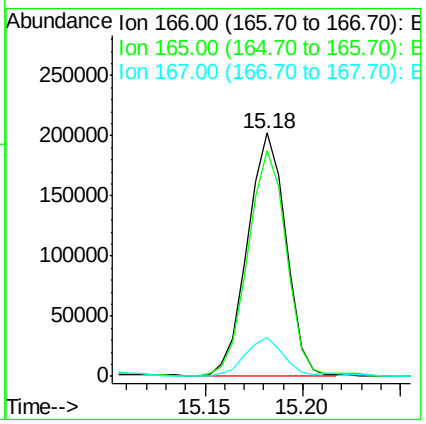


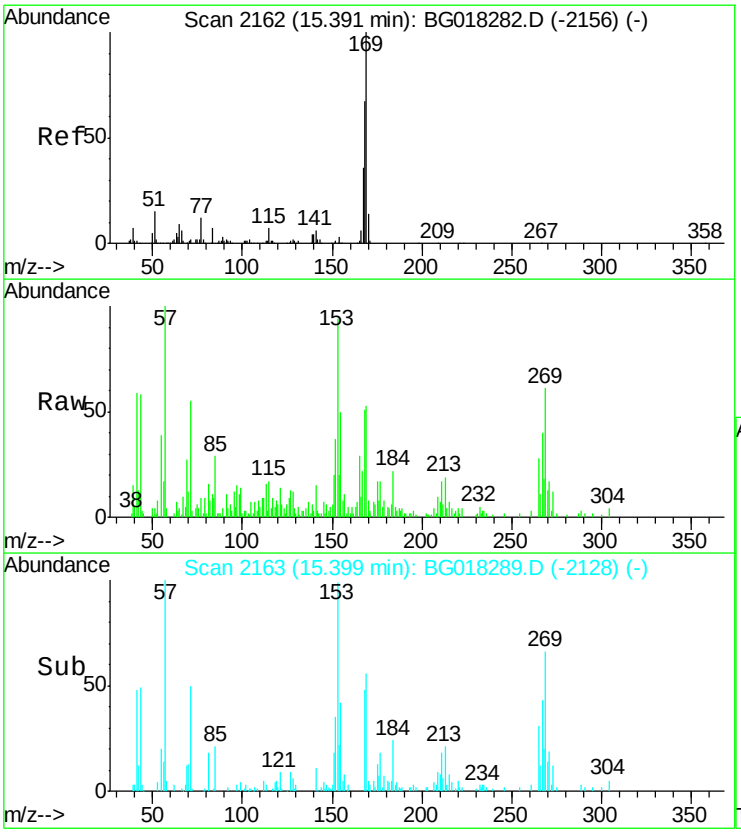
#59
Fluorene
Concen: 36.43 ng/ul
RT: 15.18 min Scan# 2126
Delta R.T. 0.01 min
Lab File: BG018289.D
Acq: 6 Aug 2015 2:06

Instrument :
BNA_G
ClientSampleId :
C01W3RE

Tgt Ion:166 Resp: 275257

Ion	Ratio	Lower	Upper
166	100		
165	92.4	72.4	108.6
167	16.1	11.4	17.0

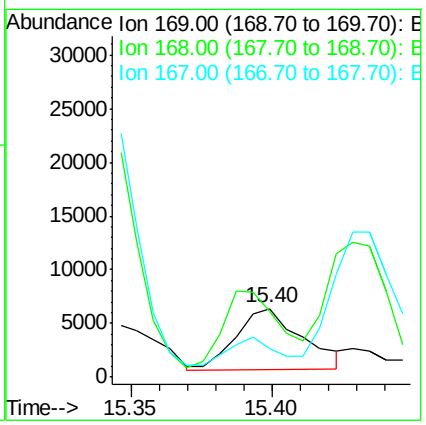


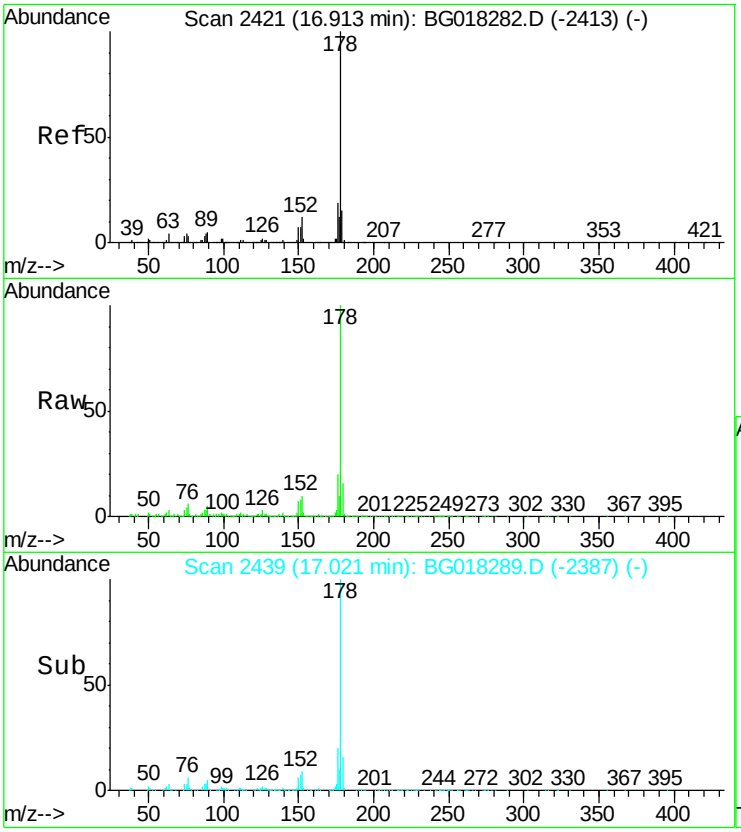


#65
N-Nitrosodiphenylamine
Concen: 2.37 ng/ul
RT: 15.40 min Scan# 2163
Delta R.T. 0.01 min
Lab File: BG018289.D
Acq: 6 Aug 2015 2:06

Tgt Ion:169 Resp: 9204

Ion	Ratio	Lower	Upper
169	100		
168	95.3	50.2	75.2#
167	41.0	27.3	40.9#



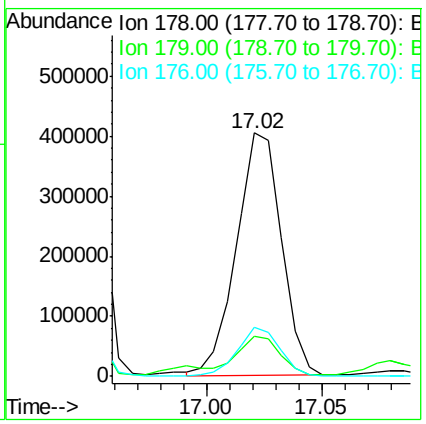


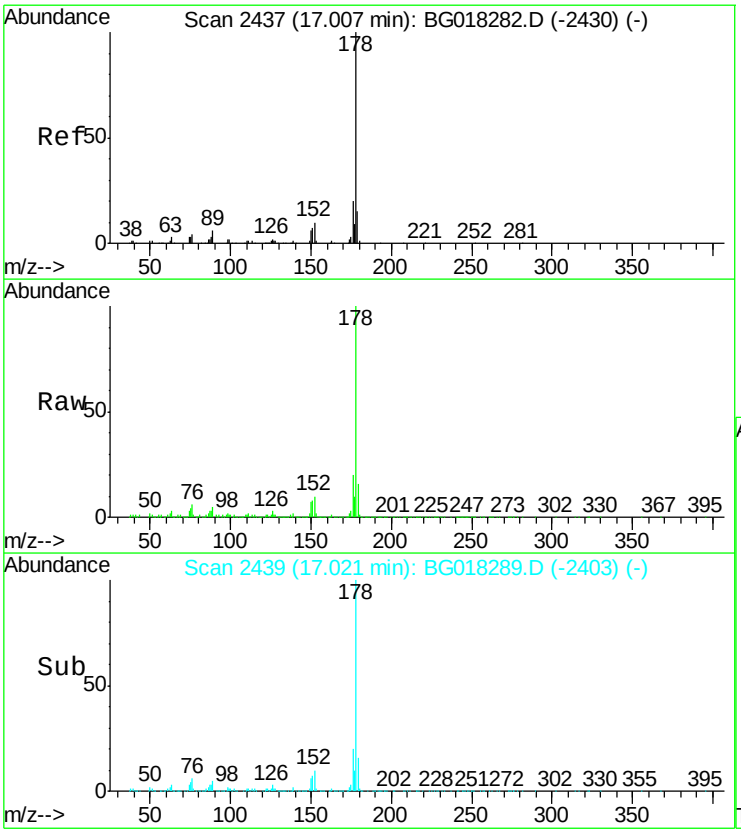
#70
Phenanthrene
Concen: 73.58 ng/ul
RT: 17.02 min Scan# 2439
Delta R.T. 0.11 min
Lab File: BG018289.D
Acq: 6 Aug 2015 2:06

Instrument :
BNA_G
ClientSampleId :
C01W3RE

Tgt Ion:178 Resp: 548568

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.2	18.4
176	20.1	14.5	21.7

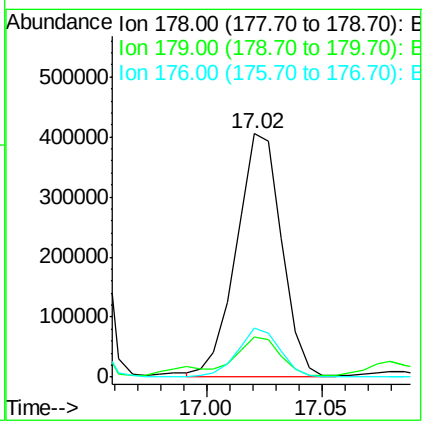


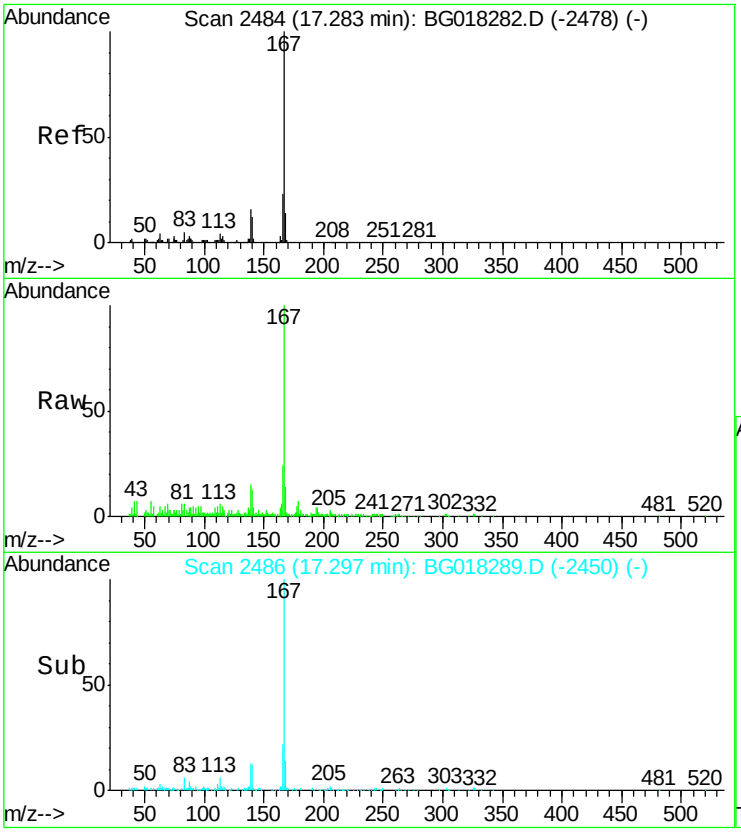


#72
Anthracene
Concen: 73.84 ng/ul
RT: 17.02 min Scan# 2439
Delta R.T. 0.01 min
Lab File: BG018289.D
Acq: 6 Aug 2015 2:06

Tgt Ion:178 Resp: 549415

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.2	18.4
176	20.1	15.3	22.9



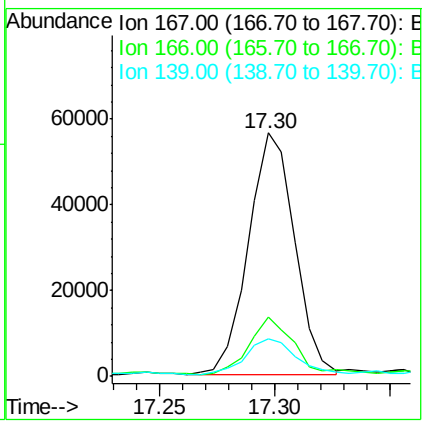


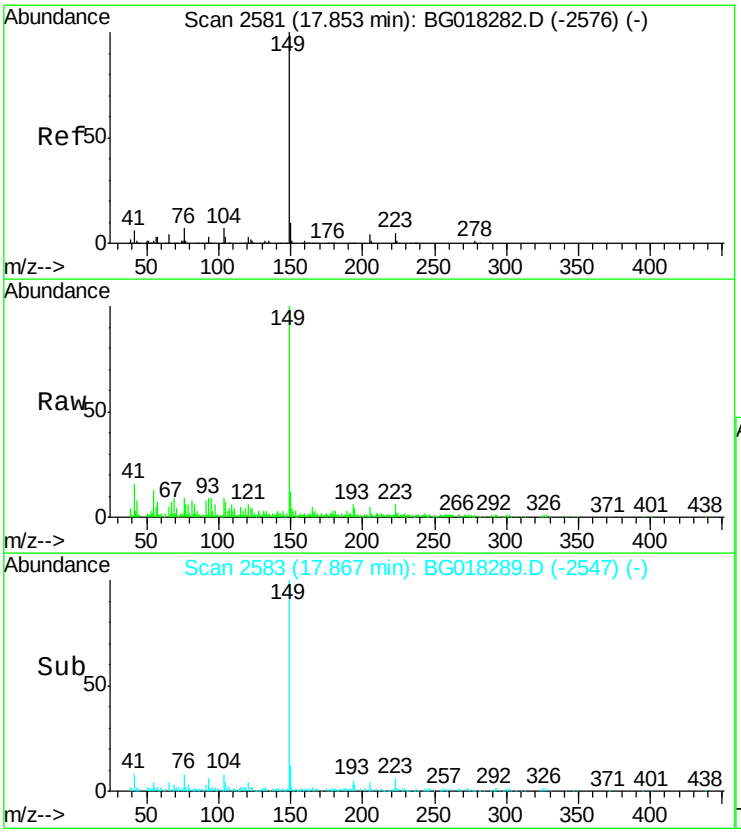
#75
Carbazole
Concen: 12.44 ng/ul
RT: 17.30 min Scan# 2486
Delta R.T. 0.01 min
Lab File: BG018289.D
Acq: 6 Aug 2015 2:06

Instrument :
BNA_G
ClientSampleId :
C01W3RE

Tgt Ion:167 Resp: 78084

Ion	Ratio	Lower	Upper
167	100		
166	24.4	17.8	26.8
139	15.5	10.6	16.0

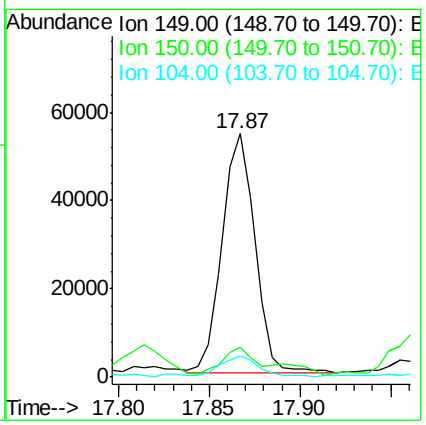


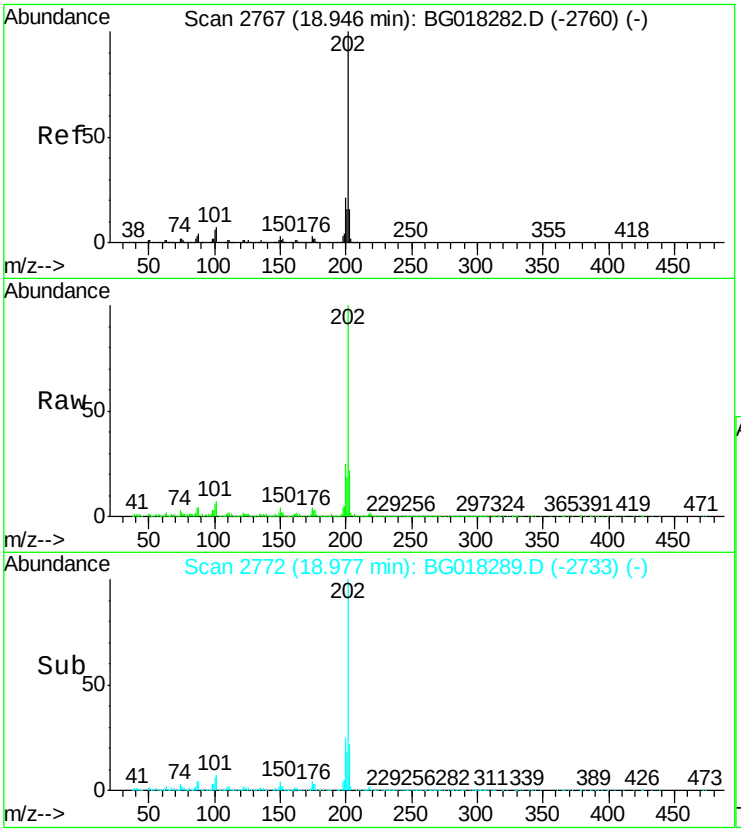


#76
Di-n-butylphthalate
Concen: 7.86 ng/ul
RT: 17.87 min Scan# 2583
Delta R.T. 0.01 min
Lab File: BG018289.D
Acq: 6 Aug 2015 2:06

Tgt Ion:149 Resp: 69180

Ion	Ratio	Lower	Upper
149	100		
150	12.5	7.4	11.2#
104	8.7	5.5	8.3#



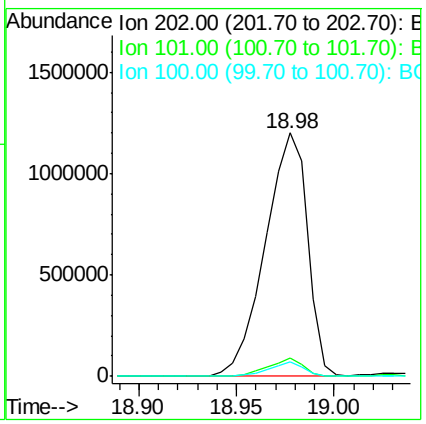


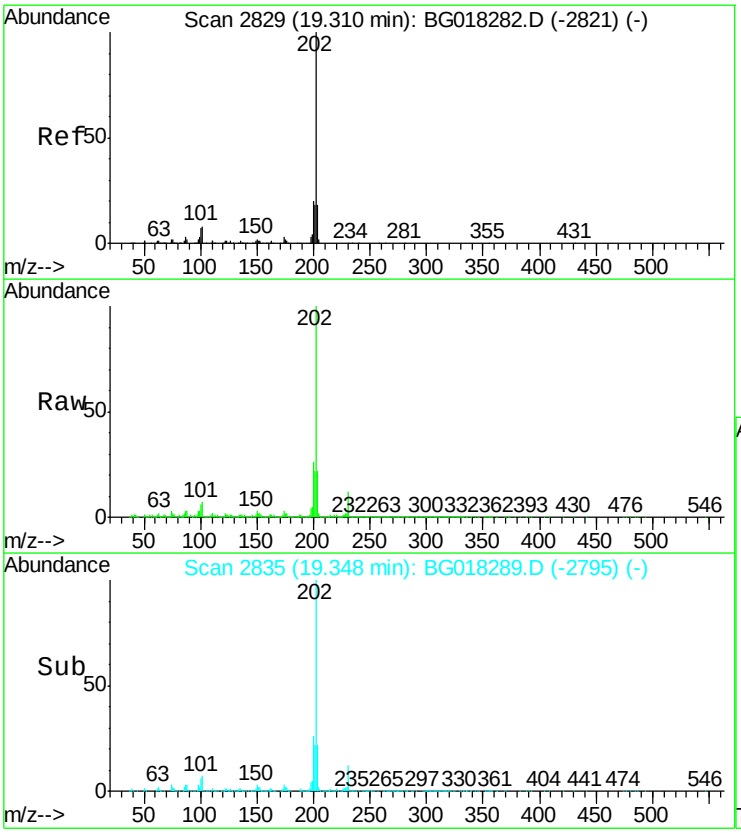
#77
Fluoranthene
Concen: 216.78 ng/ul
RT: 18.98 min Scan# 2772
Delta R.T. 0.03 min
Lab File: BG018289.D
Acq: 6 Aug 2015 2:06

Instrument :
BNA_G
ClientSampleId :
C01W3RE

Tgt Ion:202 Resp: 1792654

Ion	Ratio	Lower	Upper
202	100		
101	7.4	6.2	9.2
100	5.8	4.6	6.8

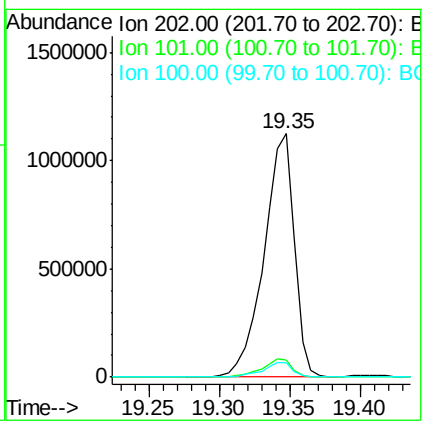


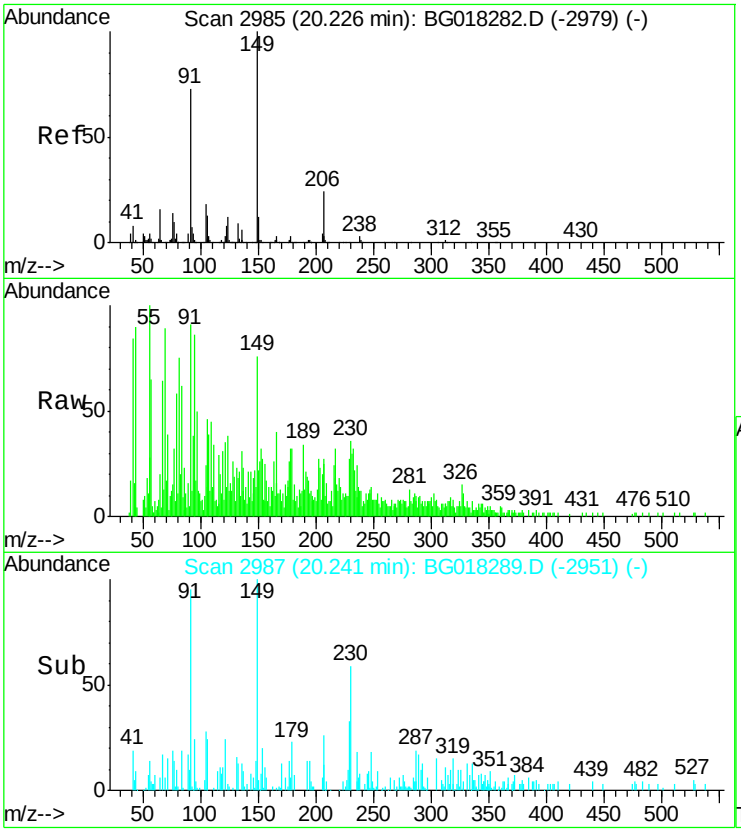


#80
Pyrene
Concen: 174.84 ng/ul
RT: 19.35 min Scan# 2835
Delta R.T. 0.04 min
Lab File: BG018289.D
Acq: 6 Aug 2015 2:06

Tgt Ion:202 Resp: 1685832

Ion	Ratio	Lower	Upper
202	100		
101	7.1	6.2	9.2
100	5.8	4.6	7.0



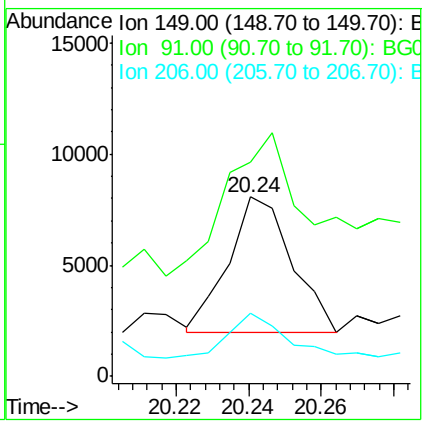


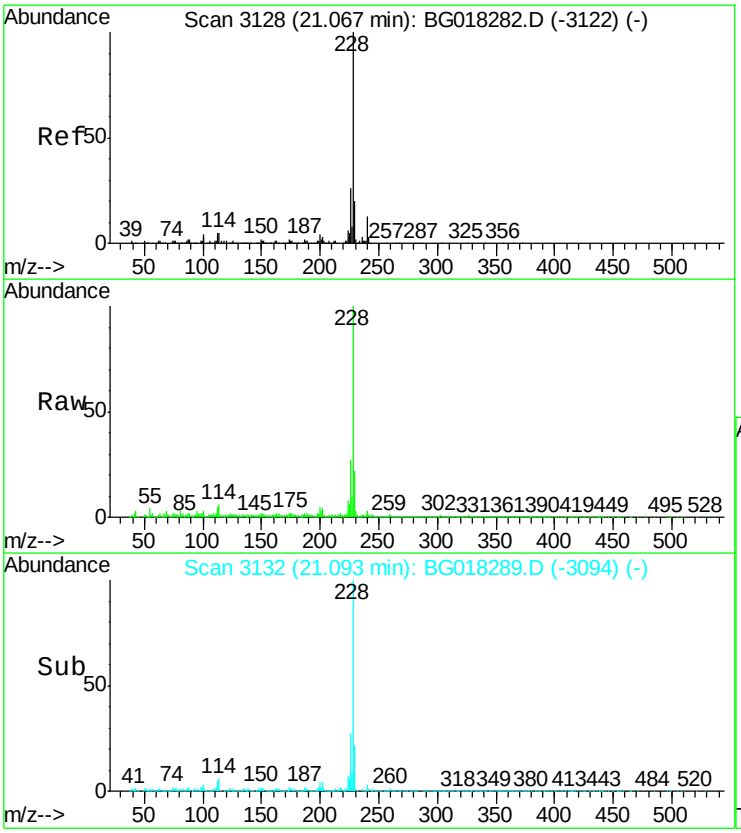
#81
Butylbenzylphthalate
Concen: 1.99 ng/ul
RT: 20.24 min Scan# 2987
Delta R.T. 0.01 min
Lab File: BG018289.D
Acq: 6 Aug 2015 2:06

Instrument :
BNA_G
ClientSampleId :
C01W3RE

Tgt Ion:149 Resp: 7442

Ion	Ratio	Lower	Upper
149	100		
91	119.6	58.2	87.2#
206	35.4	19.9	29.9#

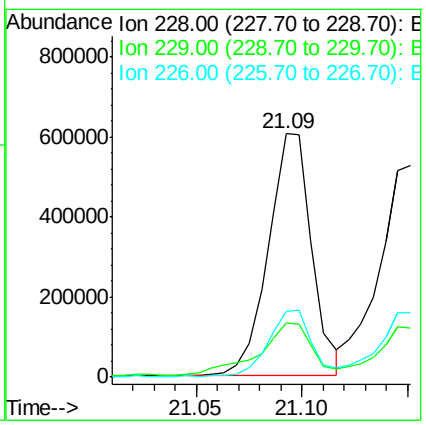


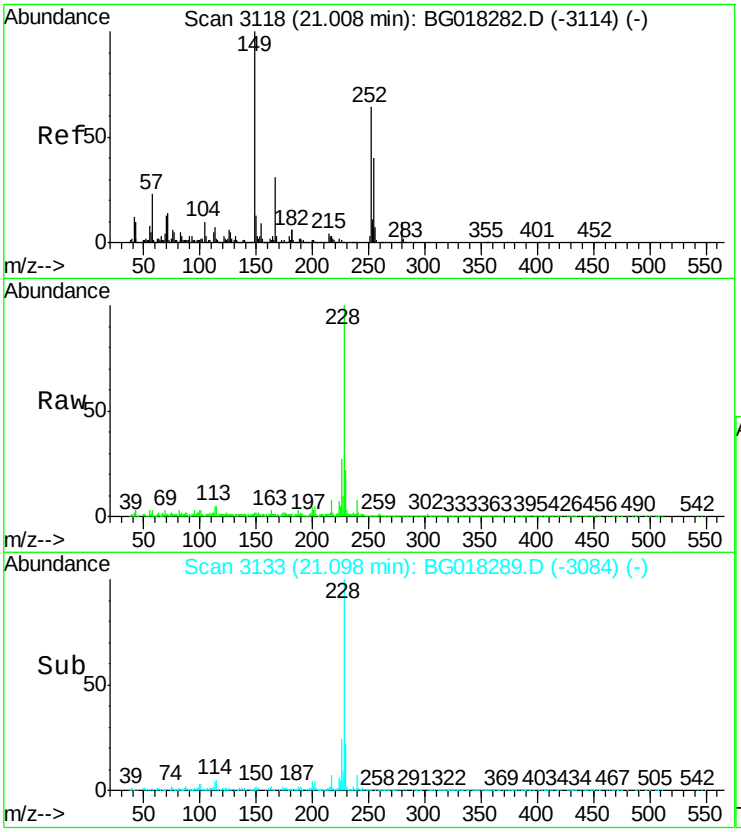


#83
Benzo(a)anthracene
Concen: 118.21 ng/ul
RT: 21.09 min Scan# 3132
Delta R.T. 0.03 min
Lab File: BG018289.D
Acq: 6 Aug 2015 2:06

Tgt Ion:228 Resp: 865209

Ion	Ratio	Lower	Upper
228	100		
229	22.3	16.3	24.5
226	27.1	21.2	31.8



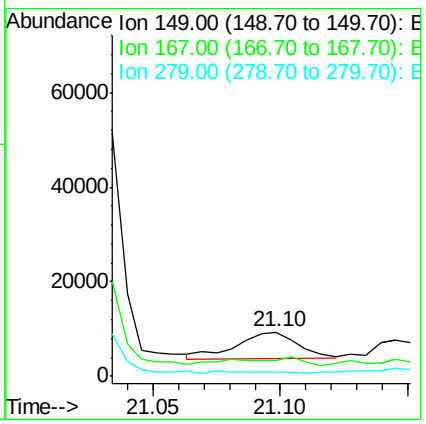


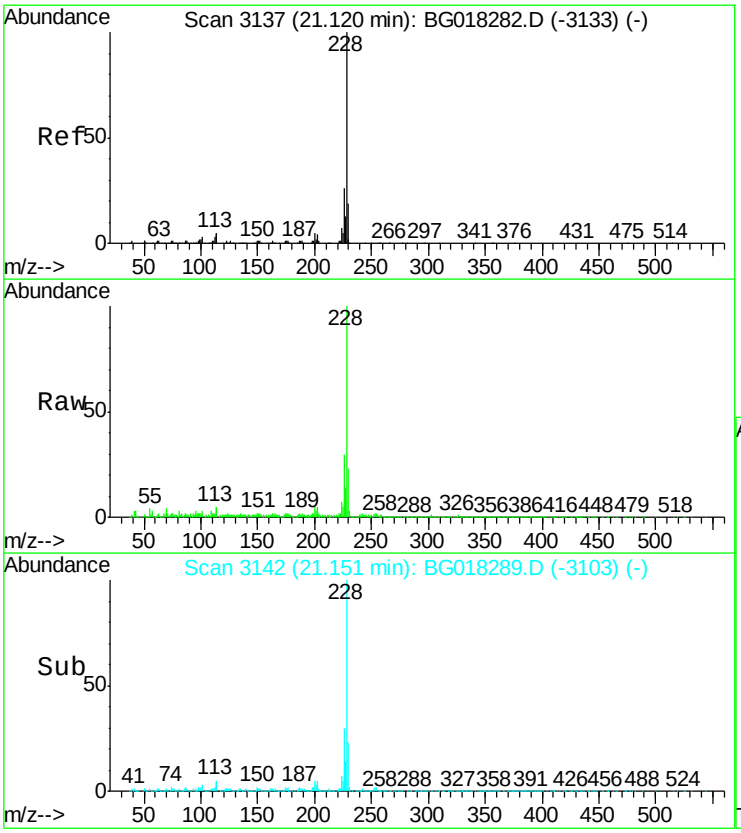
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.18 ng/ul
RT: 21.10 min Scan# 3133
Delta R.T. 0.09 min
Lab File: BG018289.D
Acq: 6 Aug 2015 2:06

Instrument :
BNA_G
ClientSampleId :
C01W3RE

Tgt Ion:149 Resp: 9817

Ion	Ratio	Lower	Upper
149	100		
167	37.1	26.4	39.6
279	10.9	8.6	12.8

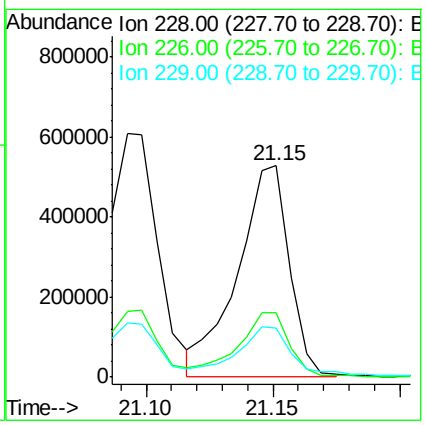


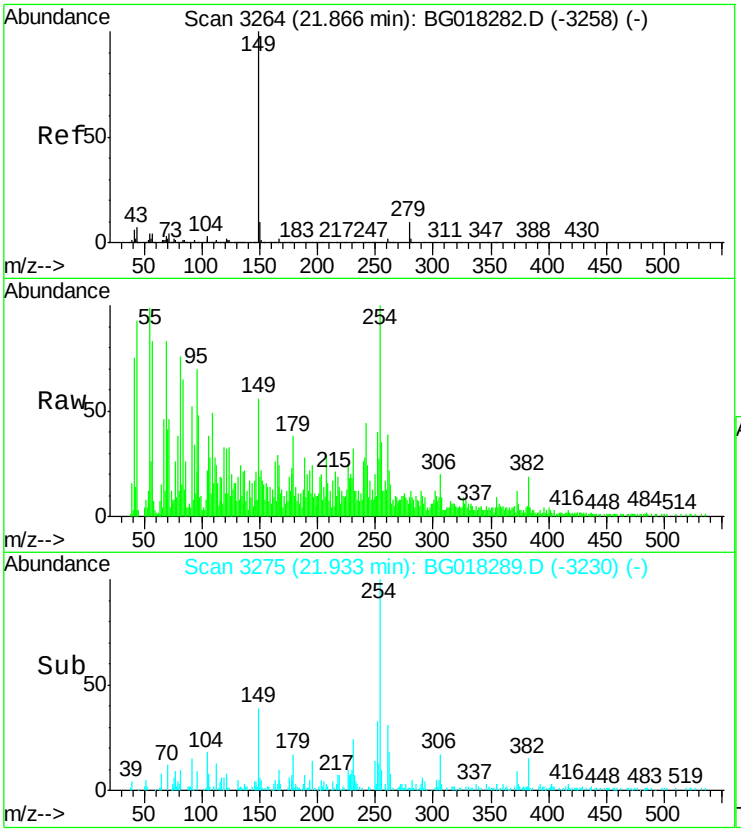


#85
Chrysene
Concen: 113.63 ng/ul
RT: 21.15 min Scan# 3142
Delta R.T. 0.03 min
Lab File: BG018289.D
Acq: 6 Aug 2015 2:06

Tgt Ion:228 Resp: 747262

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.0	34.6
229	23.5	15.9	23.9

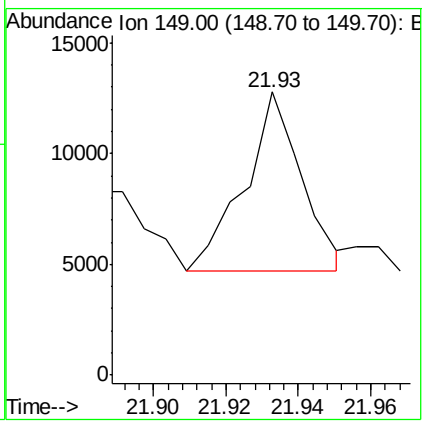


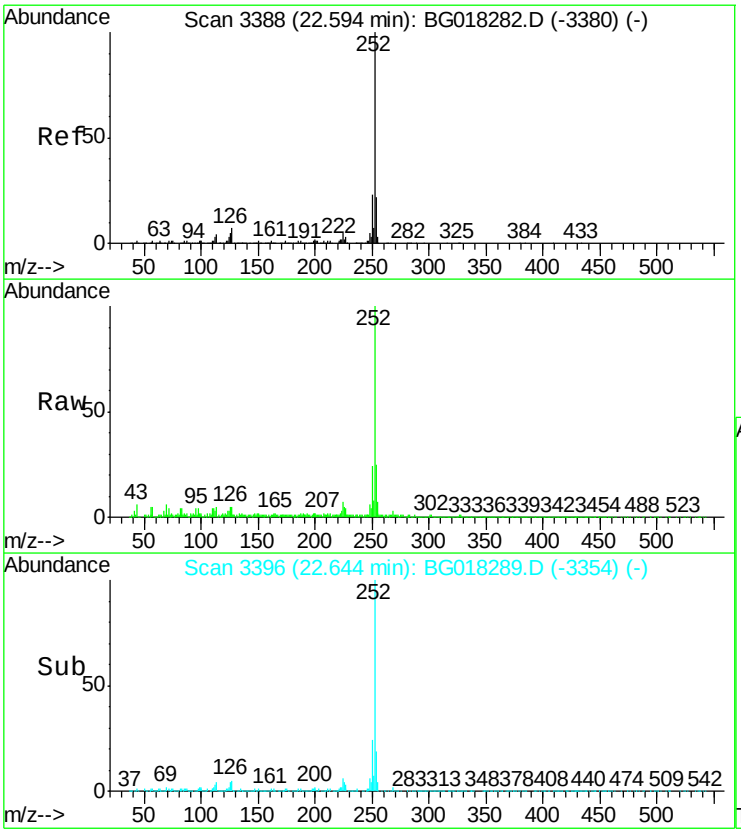


#87
Di-n-octyl phthalate
Concen: 1.03 ng/ul
RT: 21.93 min Scan# 3275
Delta R.T. 0.07 min
Lab File: BG018289.D
Acq: 6 Aug 2015 2:06

Instrument :
BNA_G
ClientSampleId :
C01W3RE

Tgt Ion:149 Resp: 8838

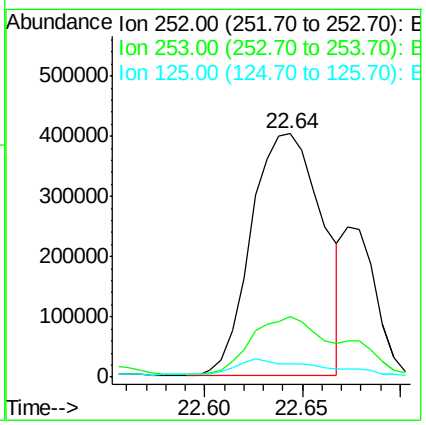


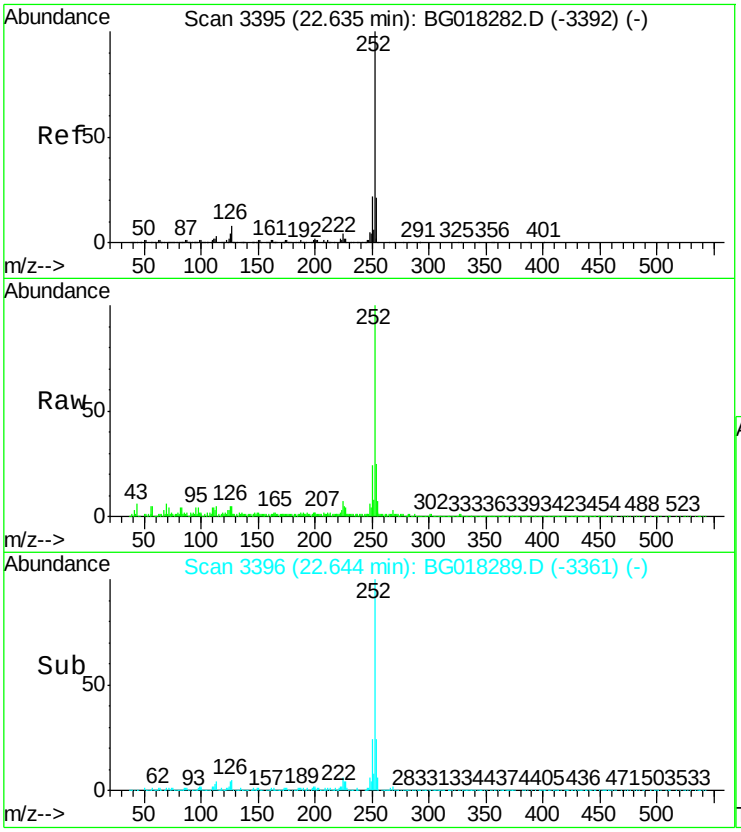


#88
Benzo(b)fluoranthene
Concen: 126.61 ng/ul
RT: 22.64 min Scan# 3396
Delta R.T. 0.05 min
Lab File: BG018289.D
Acq: 6 Aug 2015 2:06

Tgt Ion:252 Resp: 1015627

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.1	27.1
125	5.3	3.1	4.7#



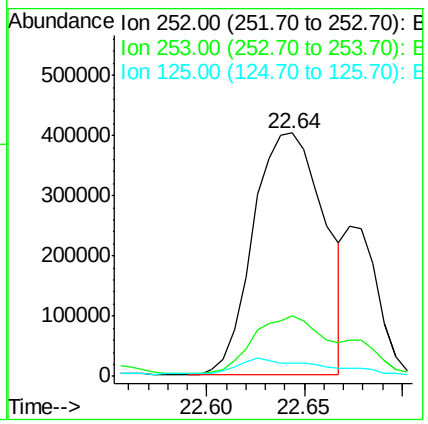


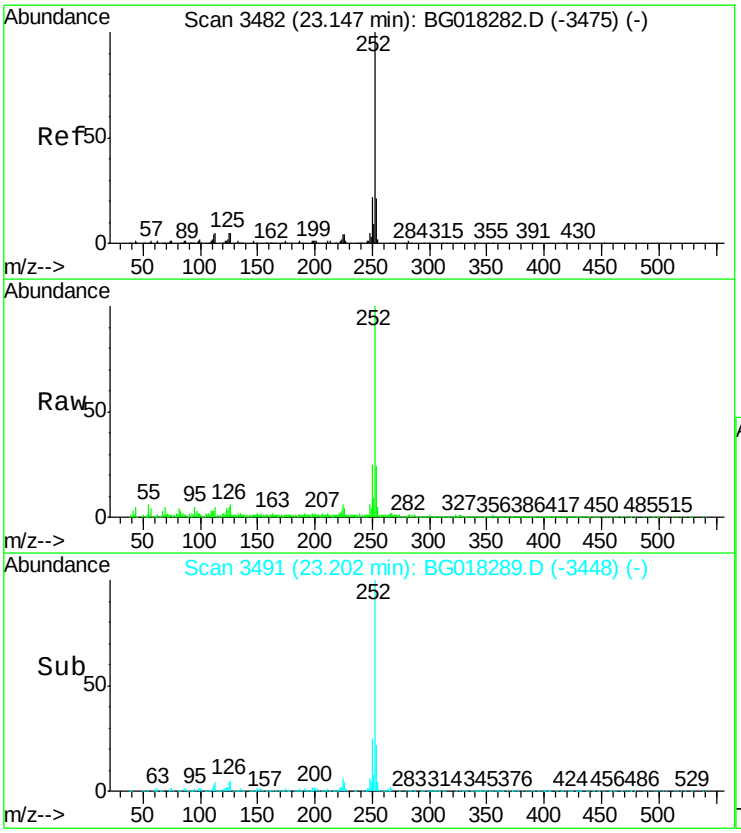
#89
Benzo(k)fluoranthene
Concen: 132.03 ng/ul
RT: 22.64 min Scan# 3396
Delta R.T. 0.01 min
Lab File: BG018289.D
Acq: 6 Aug 2015 2:06

Instrument :
BNA_G
ClientSampleId :
C01W3RE

Tgt Ion:252 Resp: 1015627

Ion	Ratio	Lower	Upper
252	100		
253	24.9	16.4	24.6#
125	5.3	3.4	5.2#

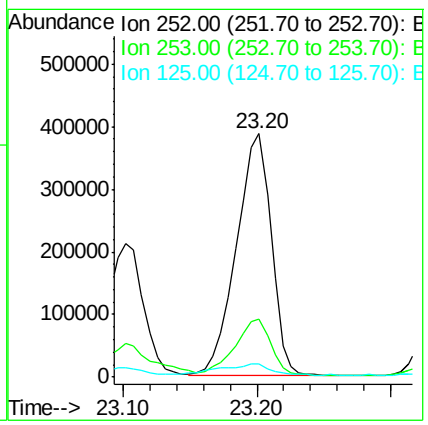


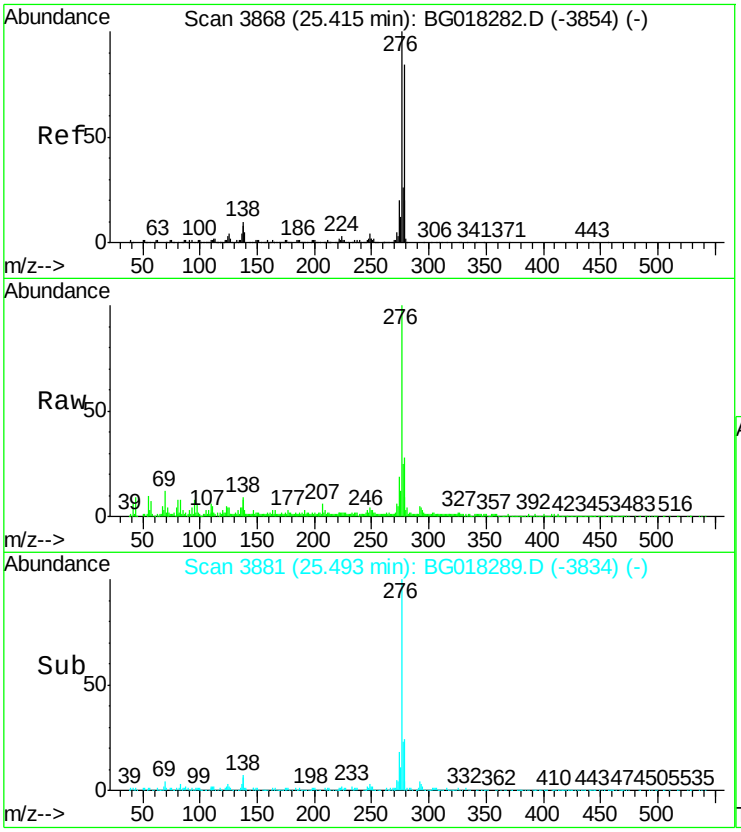


#91
Benzo(a)pyrene
Concen: 99.98 ng/ul
RT: 23.20 min Scan# 3491
Delta R.T. 0.06 min
Lab File: BG018289.D
Acq: 6 Aug 2015 2:06

Tgt Ion:252 Resp: 700252

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.9	28.3
125	5.3	3.2	4.8#



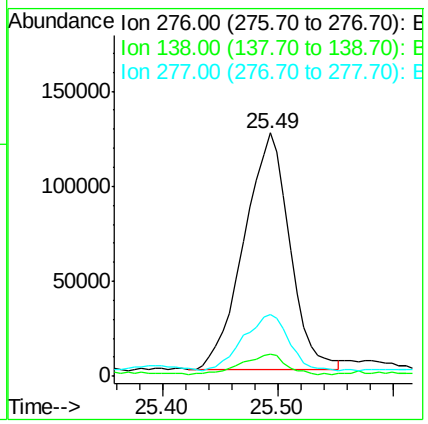


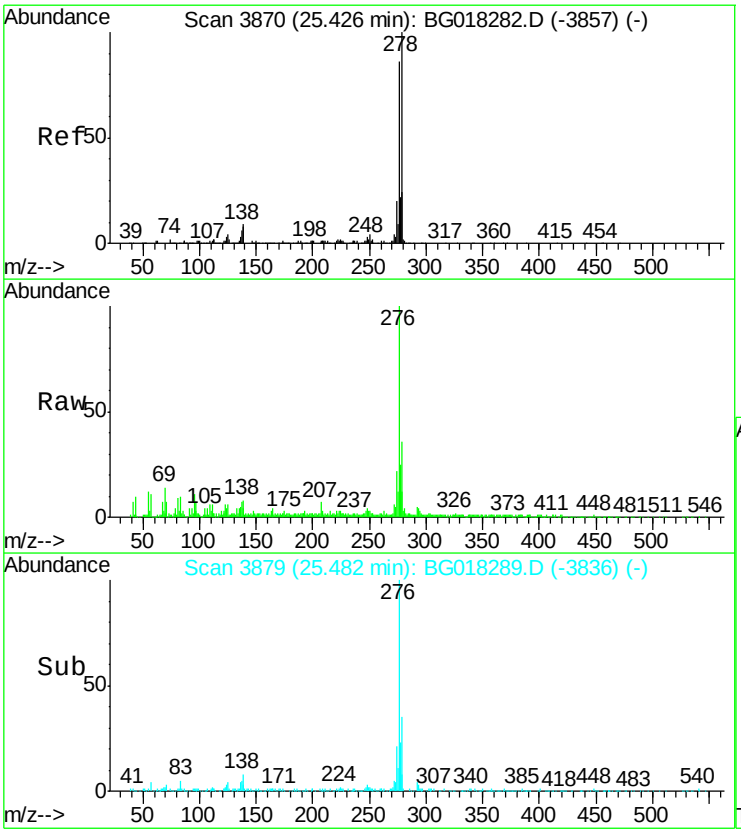
#92
Indeno(1,2,3-cd)pyrene
Concen: 39.60 ng/ul
RT: 25.49 min Scan# 3881
Delta R.T. 0.08 min
Lab File: BG018289.D
Acq: 6 Aug 2015 2:06

Instrument :
BNA_G
ClientSampleId :
C01W3RE

Tgt Ion:276 Resp: 343098

Ion	Ratio	Lower	Upper
276	100		
138	8.9	8.2	12.4
277	25.2	20.1	30.1

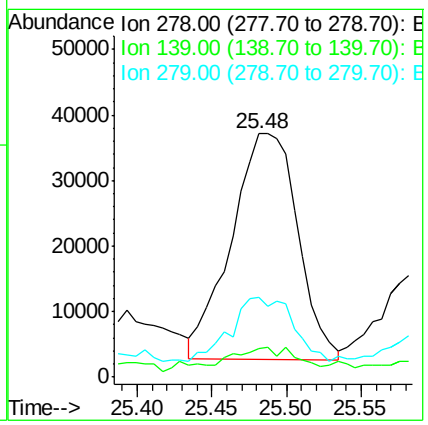


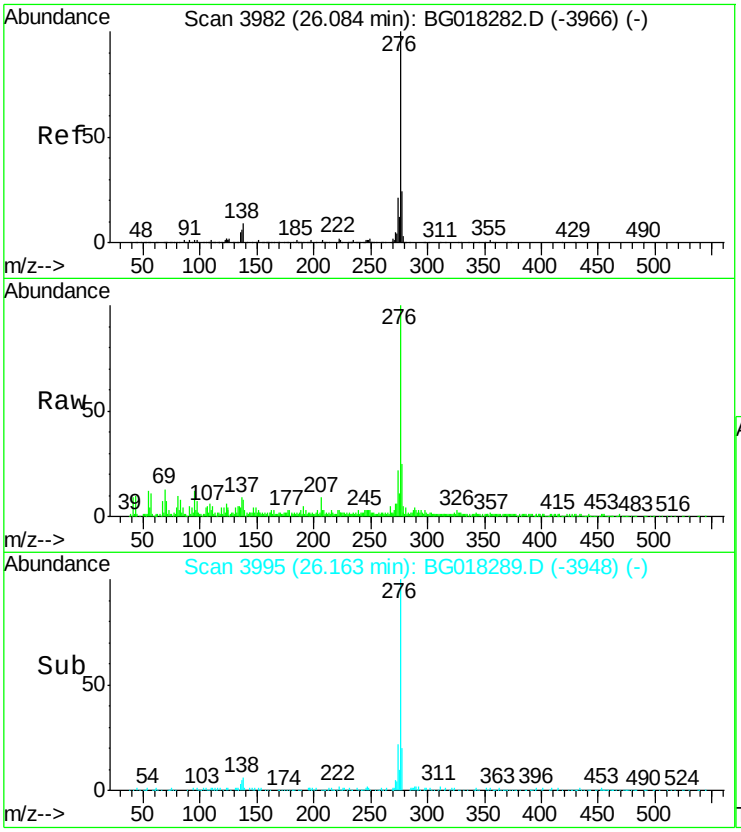


#93
Dibenzo(a,h)anthracene
Concen: 13.99 ng/ul
RT: 25.48 min Scan# 3879
Delta R.T. 0.06 min
Lab File: BG018289.D
Acq: 6 Aug 2015 2:06

Tgt Ion:278 Resp: 106384

Ion	Ratio	Lower	Upper
278	100		
139	11.6	5.8	8.8#
279	32.8	19.8	29.6#





#94
Benzo(g,h,i)perylene
Concen: 39.73 ng/ul
RT: 26.16 min Scan# 3995
Delta R.T. 0.08 min
Lab File: BG018289.D
Acq: 6 Aug 2015 2:06

Instrument :
BNA_G
ClientSampleId :
C01W3RE

Tgt Ion:276 Resp: 279368

Ion	Ratio	Lower	Upper
276	100		
138	7.8	6.0	9.0
277	24.8	21.1	31.7