Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
Data File : BG018208.D
Acq On : 1 Aug 2015 7:33
Operator : TP/UM
Sample : G3065-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 03 01:58:53 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 07:09:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	58004	20.00	ng/ul	0.01
18) Naphthalene-d8	10.27	136	234500	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.16	164	121166	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.92	188	244765	20.00	ng/ul	0.02
78) Chrysene-d12	21.13	240	318875	20.00	ng/ul	0.02
86) Perylene-d12	23.33	264	346254	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.98	96	788	1.03	ng/uL	0.00
5) Phenol-d5	6.68	99	43060	8.26	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.83	67	26392	9.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	37099	9.42	ng/ul	0.01
13) 4-Methylphenol-d8	8.21	113	16128	3.80	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	21946	11.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	17486	8.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	35665	9.52	ng/ul	0.01
29) 4-Chloroaniline-d4	10.39	131	33048	7.08	ng/ul	-0.02
44) Dimethylphthalate-d6	13.58	166	108581	11.60	ng/ul	0.00
47) Acenaphthylene-d8	13.85	160	124767	11.49	ng/ul	0.01
52) 4-Nitrophenol-d4	14.40	143	9417	5.43	ng/ul	0.02
58) Fluorene-d10	15.16	176	93888	11.08	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.27	200	1375	0.80	ng/ul	-0.02
71) Anthracene-d10	17.02	188	129990	12.21	ng/ul	0.01
79) Pyrene-d10	19.33	212	144063	9.34	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.19	264	180453	10.31	ng/ul	0.04
Target Compounds						Qvalue
4) Benzaldehyde	6.64	77	5701	2.02	ng/ul#	1
14) Acetophenone	8.29	105	19915	3.01	ng/ul#	50
17) Hexachloroethane	8.58	117	15694	8.86	ng/ul#	5
24) 2,4-Dimethylphenol	9.47	107	6209	1.33	ng/ul#	27
28) Naphthalene	10.32	128	60051	5.32	ng/ul#	92
34) 2-Methylnaphthalene	11.95	142	64133	7.18	ng/ul	96
35) 1-Methylnaphthalene	12.17	142	48453	5.65	ng/ul#	96
41) 1,1'-Biphenyl	12.98	154	9140	1.06	ng/ul	95
45) Dimethylphthalate	13.62	163	171865	18.45	ng/ul	99
50) Acenaphthene	14.23	153	10724	1.53	ng/ul#	93
54) Dibenzofuran	14.56	168	19020	1.80	ng/ul#	62
57) Diethylphthalate	15.00	149	11737	1.22	ng/ul#	76
59) Fluorene	15.21	166	13633	1.49	ng/ul#	89
65) N-Nitrosodiphenylamine	15.44	169	22062	3.48	ng/ul#	48
70) Phenanthrene	16.97	178	344904	27.74	ng/ul	98
72) Anthracene	16.97	178	345700	27.95	ng/ul	96
75) Carbazole	17.33	167	27801	2.70	ng/ul#	72
76) Di-n-butylphthalate	17.91	149	15727	1.15	ng/ul#	74
77) Fluoranthene	19.00	202	701707	51.38	ng/ul#	95
80) Pyrene	19.36	202	594926	30.76	ng/ul#	96
83) Benzo(a)anthracene	21.12	228	353256	20.57	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.06	149	156289	14.74	ng/ul	99
85) Chrysene	21.12	228	354326	22.53	ng/ul	97

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
Data File : BG018208.D
Acq On : 1 Aug 2015 7:33
Operator : TP/UM
Sample : G3065-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 03 01:58:53 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 07:09:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(b)fluoranthene	22.68	252	574757	27.63	ng/ul#	97
89) Benzo(k)fluoranthene	22.68	252	574757	30.06	ng/ul#	96
91) Benzo(a)pyrene	23.23	252	282425	15.18	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	25.54	276	188307	8.75	ng/ul#	88
93) Dibenzo(a,h)anthracene	25.54	278	55310	3.00	ng/ul#	77
94) Benzo(g,h,i)perylene	26.23	276	155050	8.82	ng/ul	96

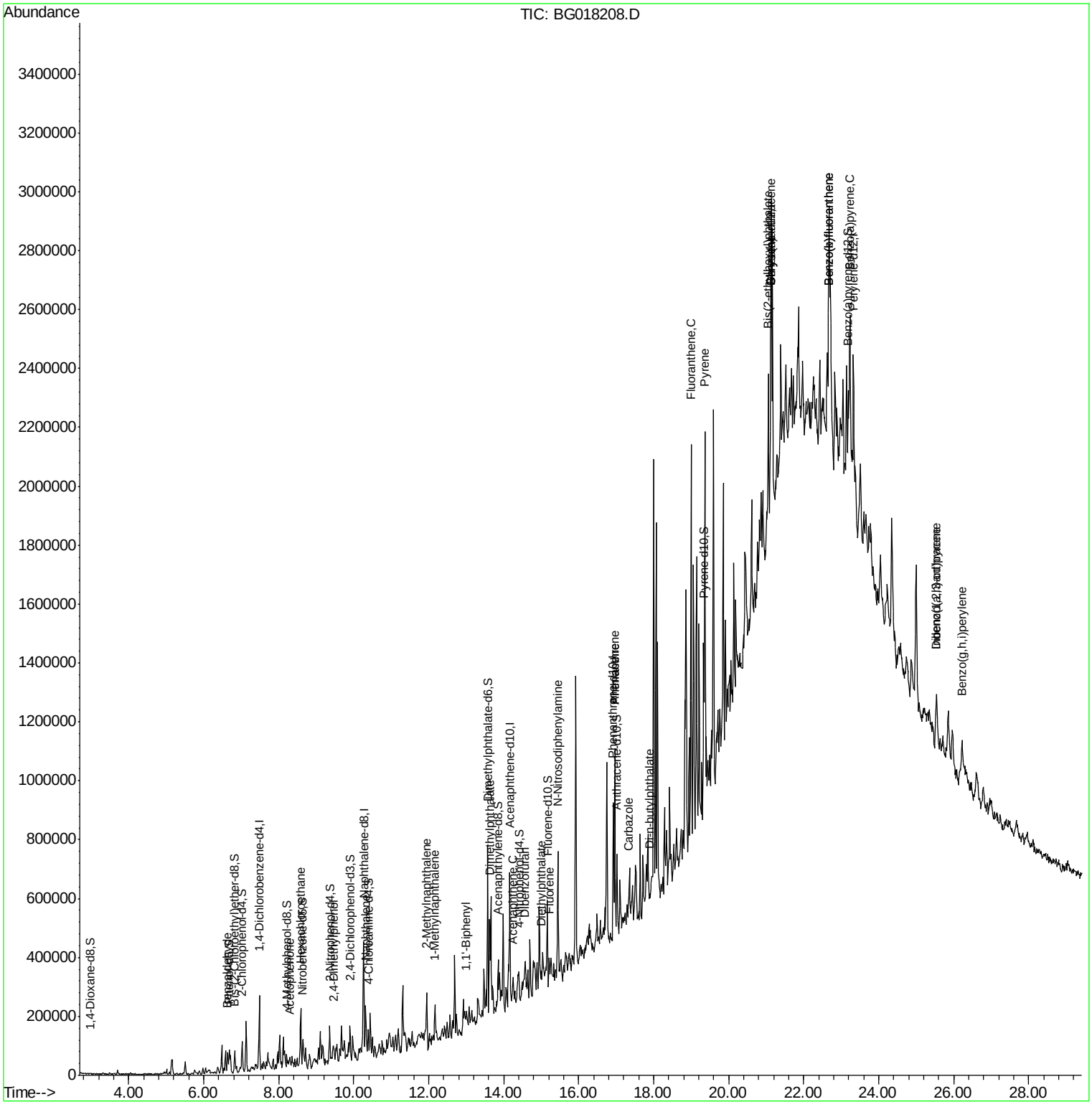
(#) = qualifier out of range (m) = manual integration (+) = signals summed

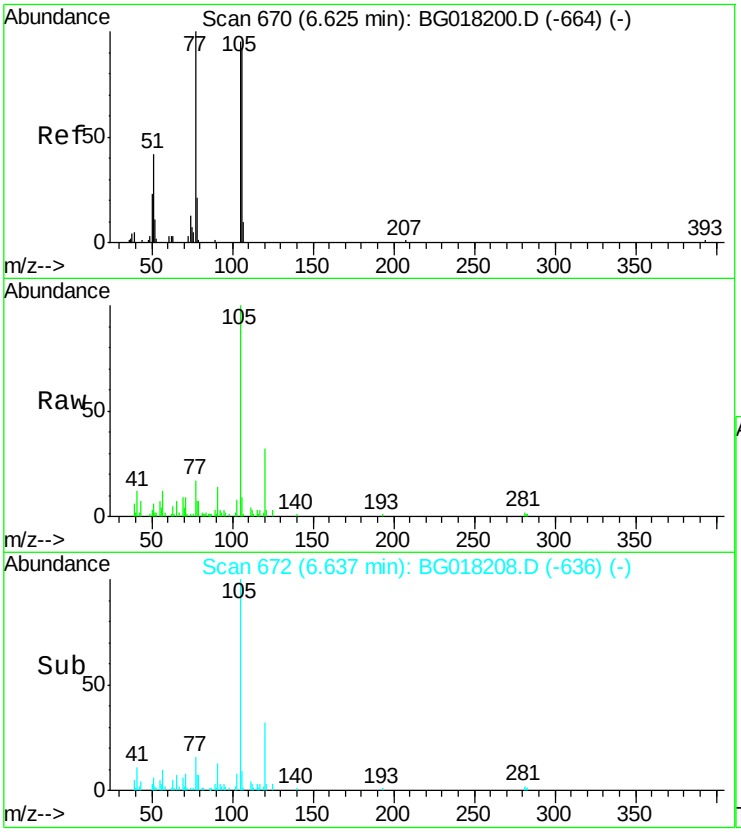
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
Data File : BG018208.D
Acq On : 1 Aug 2015 7:33
Operator : TP/UM
Sample : G3065-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Aug 03 01:58:53 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 07:09:30 2015
Response via : Initial Calibration



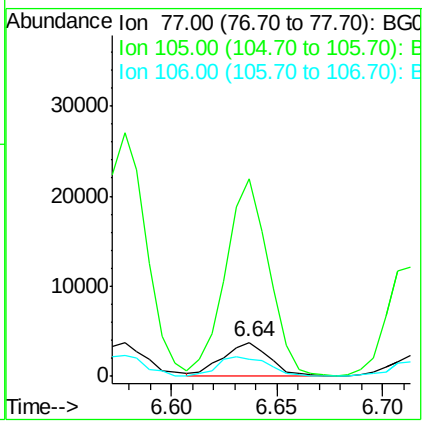


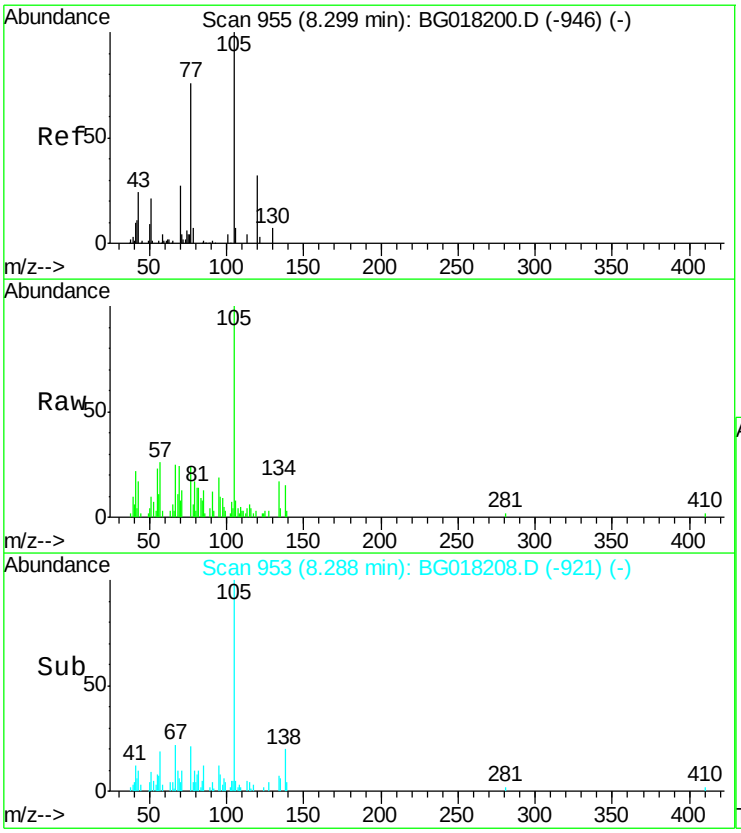
#4
Benzaldehyde
Concen: 2.02 ng/ul
RT: 6.64 min Scan# 672
Delta R.T. 0.01 min
Lab File: BG018208.D
Acq: 1 Aug 2015 7:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 5701

Ion	Ratio	Lower	Upper
77	100		
105	584.0	89.8	134.6#
106	51.3	94.2	141.4#

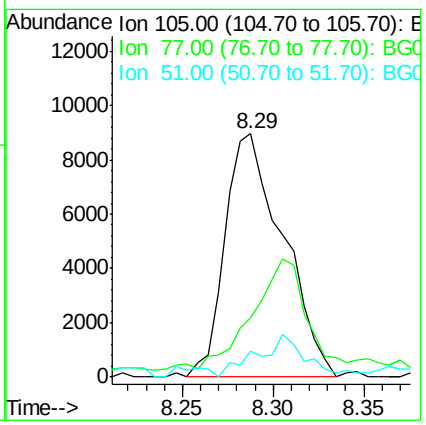


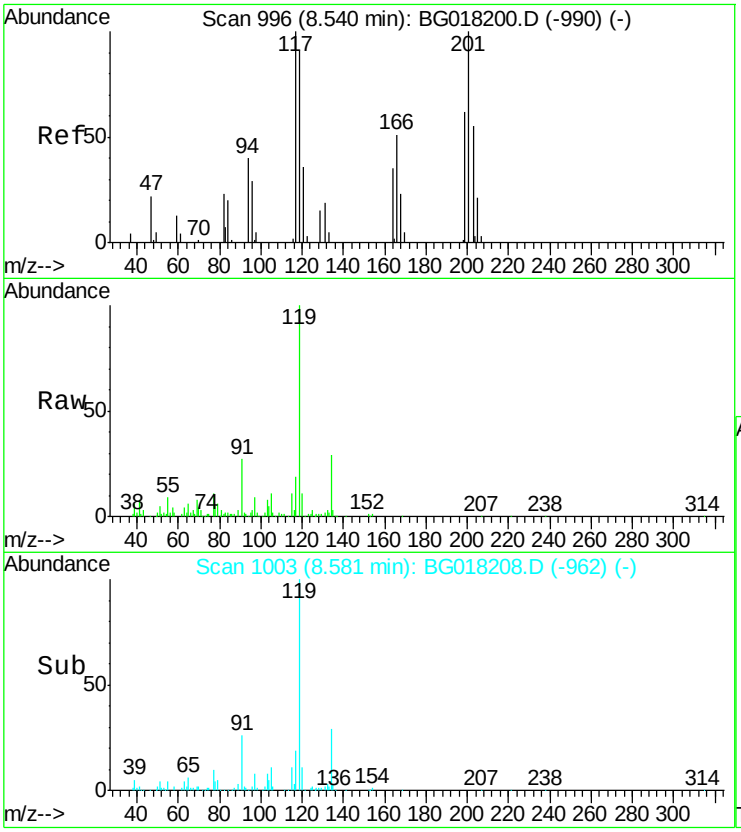


#14
Acetophenone
Concen: 3.01 ng/ul
RT: 8.29 min Scan# 953
Delta R.T. -0.01 min
Lab File: BG018208.D
Acq: 1 Aug 2015 7:33

Tgt Ion:105 Resp: 19915

Ion	Ratio	Lower	Upper
105	100		
77	24.1	58.4	87.6#
51	10.5	16.5	24.7#



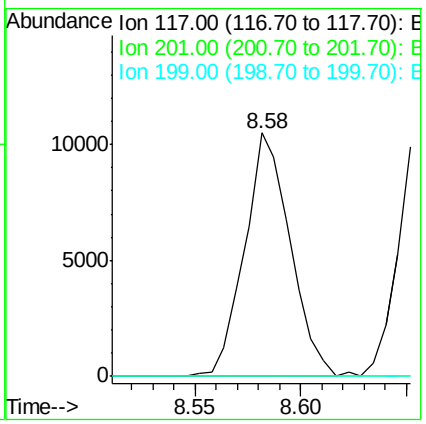


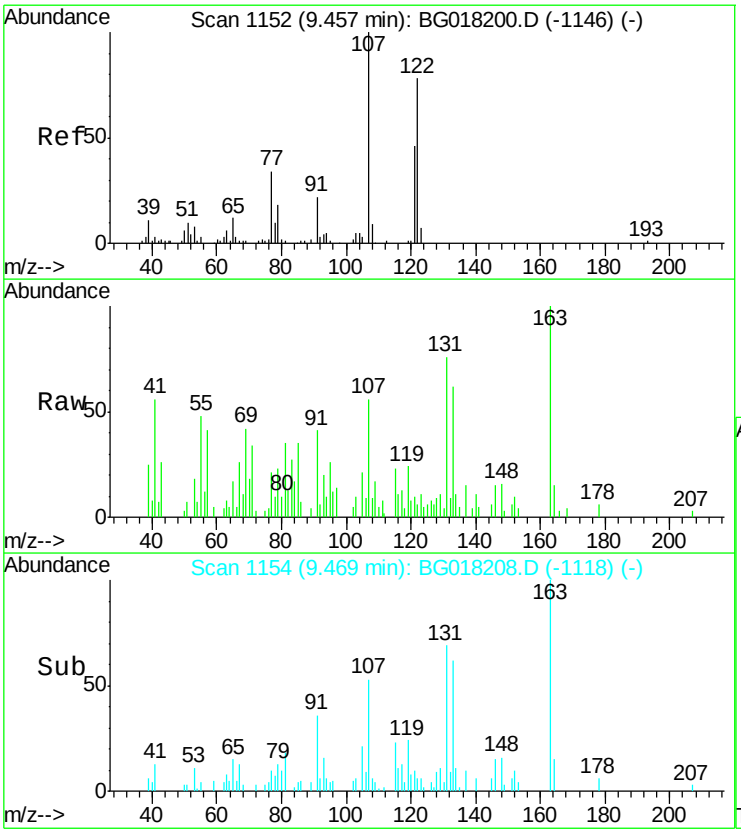
#17
Hexachloroethane
Concen: 8.86 ng/ul
RT: 8.58 min Scan# 1003
Delta R.T. 0.04 min
Lab File: BG018208.D
Acq: 1 Aug 2015 7:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:117 Resp: 15694

Ion	Ratio	Lower	Upper
117	100		
201	0.0	85.0	127.4#
199	0.0	52.2	78.4#

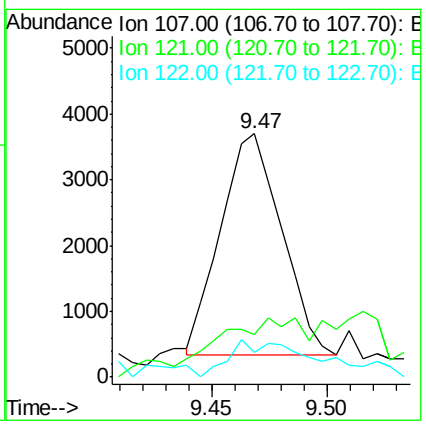


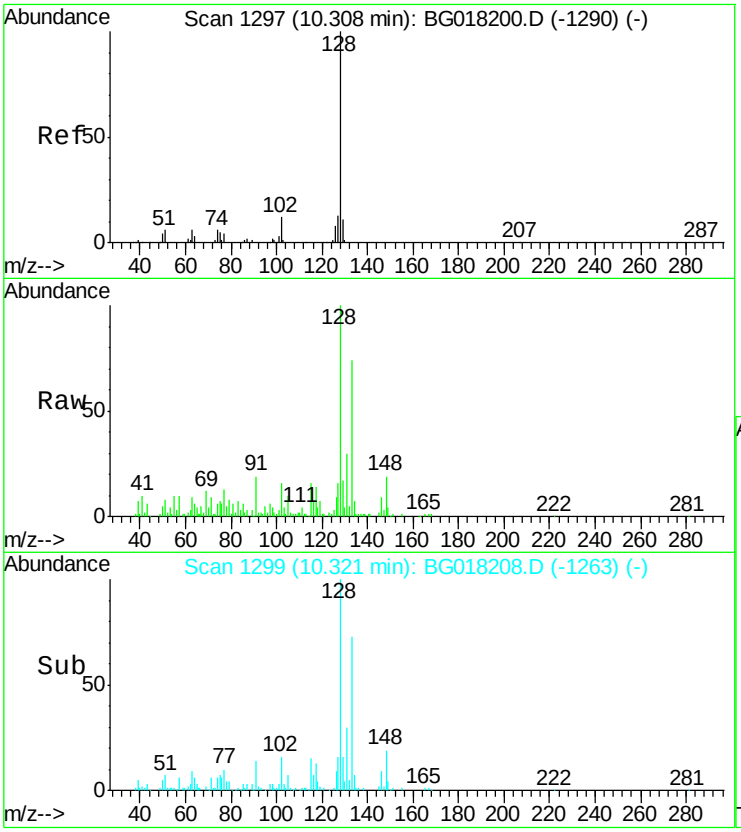


#24
2,4-Dimethylphenol
Concen: 1.33 ng/ul
RT: 9.47 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BG018208.D
Acq: 1 Aug 2015 7:33

Tgt Ion:107 Resp: 6209

Ion	Ratio	Lower	Upper
107	100		
121	17.6	41.4	62.2#
122	10.0	75.3	112.9#



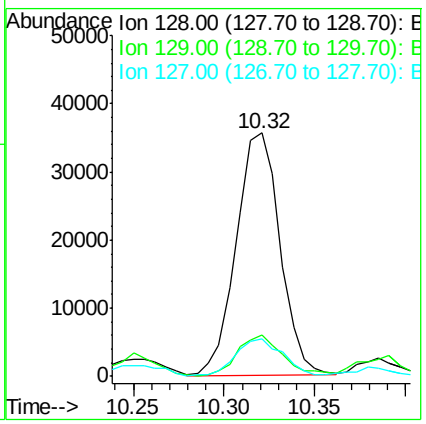


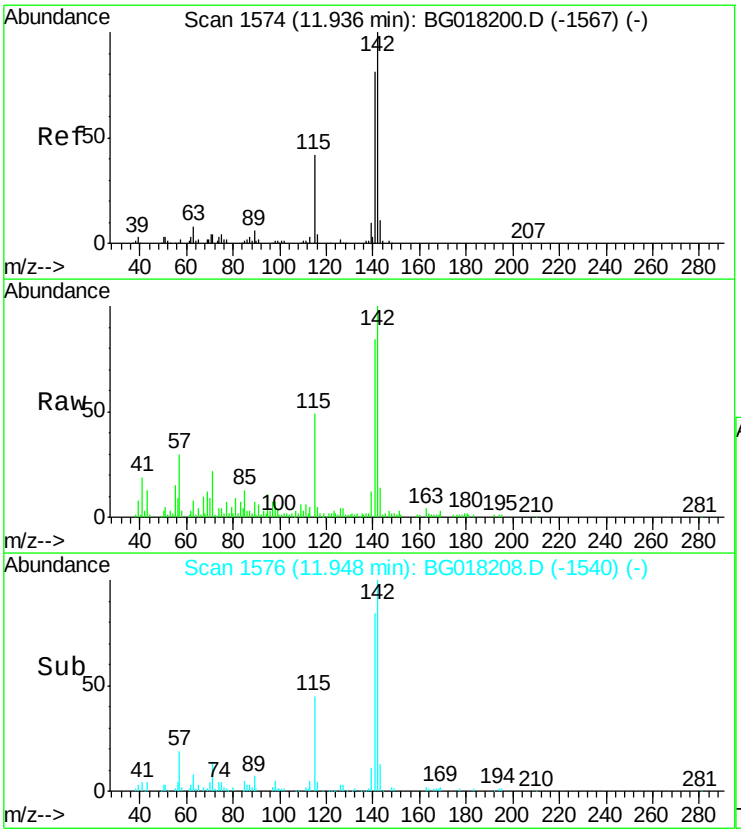
#28
Naphthalene
Concen: 5.32 ng/ul
RT: 10.32 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BG018208.D
Acq: 1 Aug 2015 7:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 60051

Ion	Ratio	Lower	Upper
128	100		
129	16.7	9.1	13.7#
127	15.6	11.2	16.8

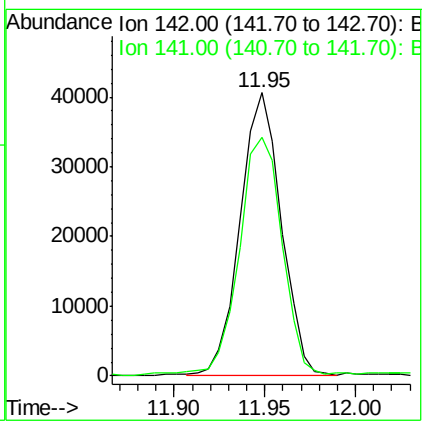


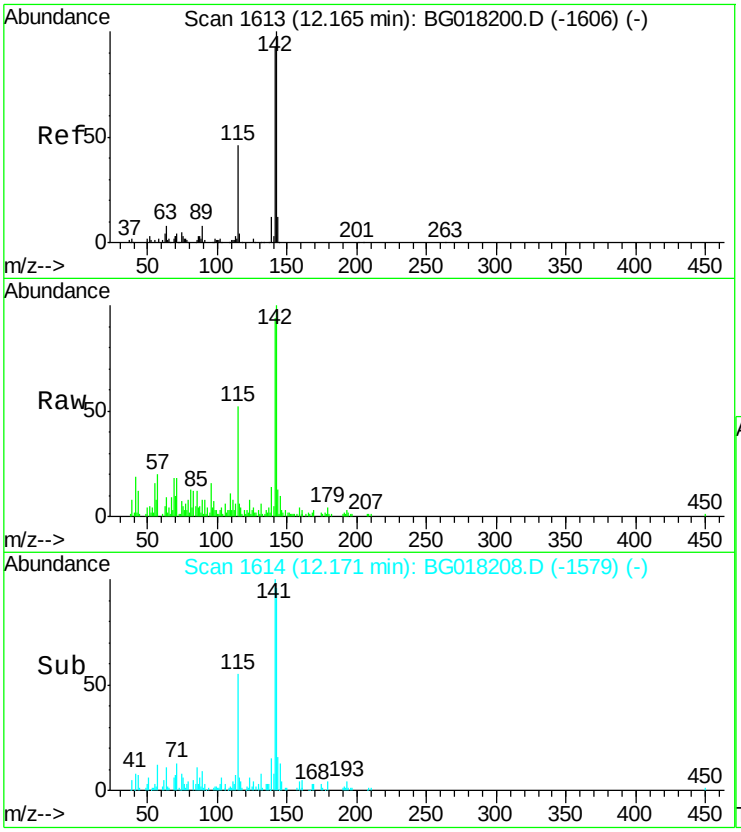


#34
2-Methylnaphthalene
Concen: 7.18 ng/ul
RT: 11.95 min Scan# 1576
Delta R.T. 0.01 min
Lab File: BG018208.D
Acq: 1 Aug 2015 7:33

Tgt Ion:142 Resp: 64133

Ion	Ratio	Lower	Upper
142	100		
141	84.3	70.3	105.5



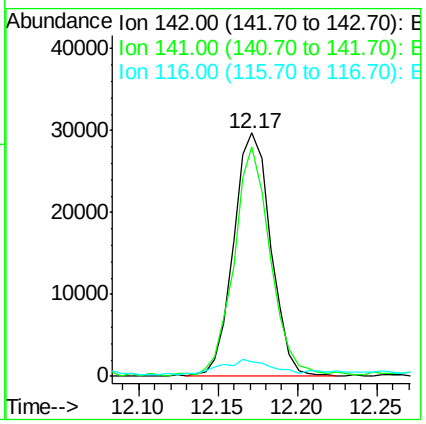


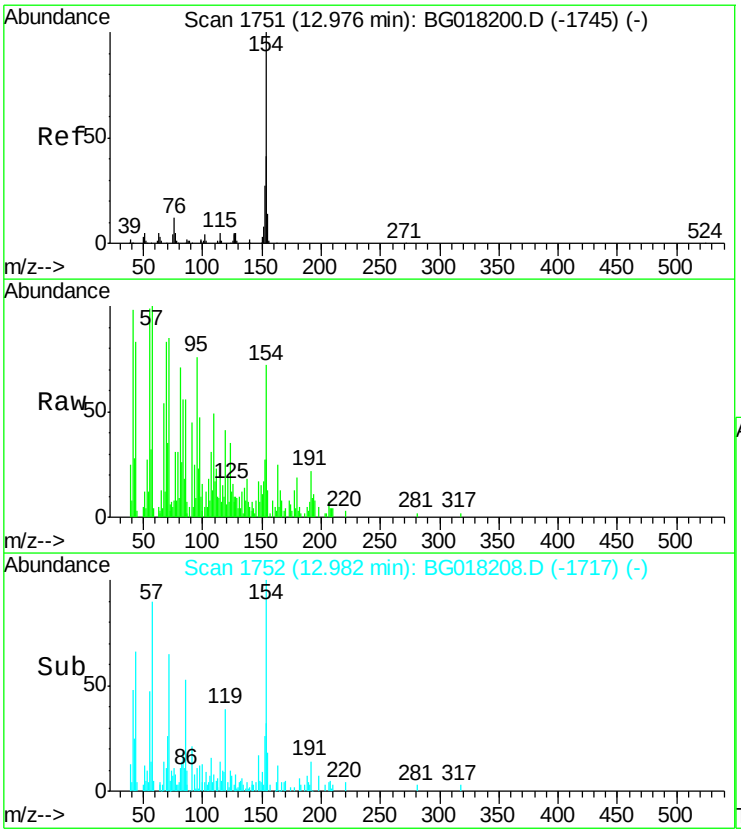
#35
1-Methylnaphthalene
Concen: 5.65 ng/ul
RT: 12.17 min Scan# 1614
Delta R.T. 0.01 min
Lab File: BG018208.D
Acq: 1 Aug 2015 7:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 48453

Ion	Ratio	Lower	Upper
142	100		
141	94.4	72.5	108.7
116	5.8	2.6	4.0#

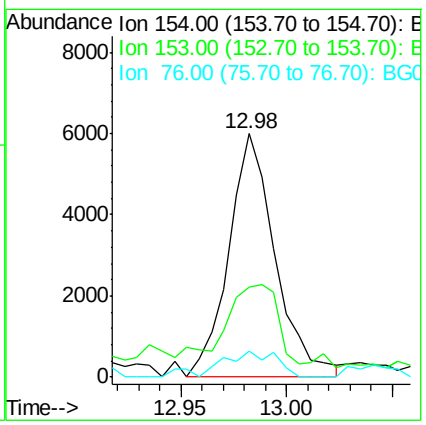


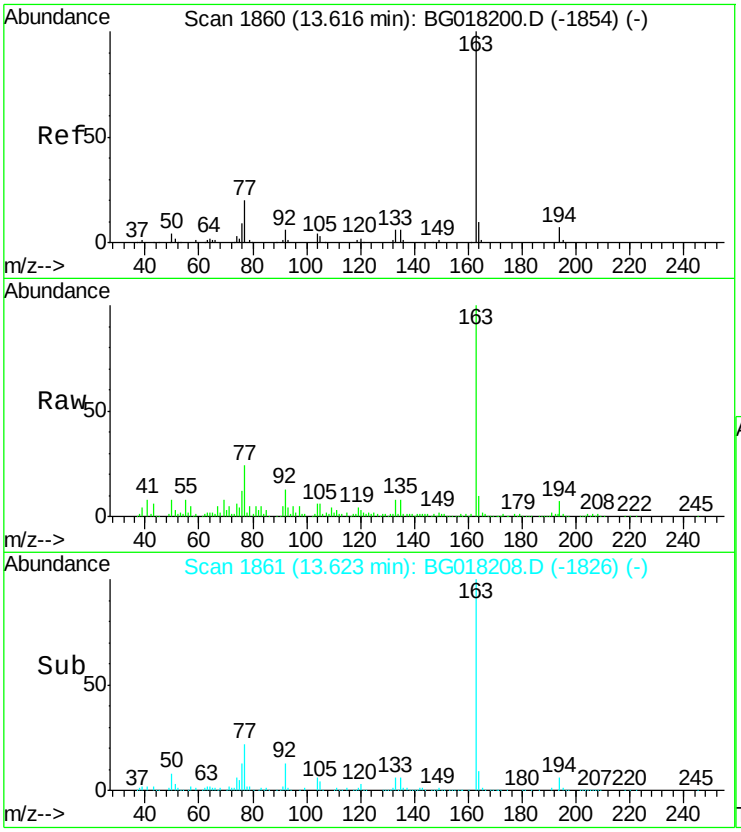


#41
1,1'-Biphenyl
Concen: 1.06 ng/ul
RT: 12.98 min Scan# 1752
Delta R.T. 0.01 min
Lab File: BG018208.D
Acq: 1 Aug 2015 7:33

Tgt Ion:154 Resp: 9140

Ion	Ratio	Lower	Upper
154	100		
153	37.2	32.3	48.5
76	10.6	7.4	11.0



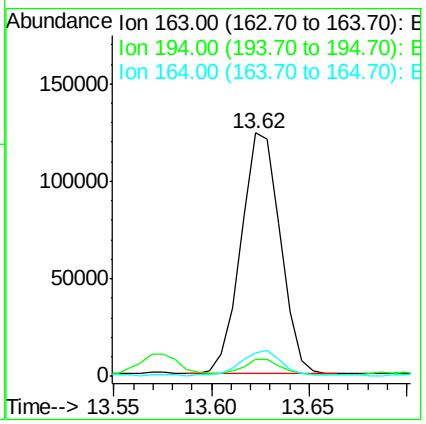


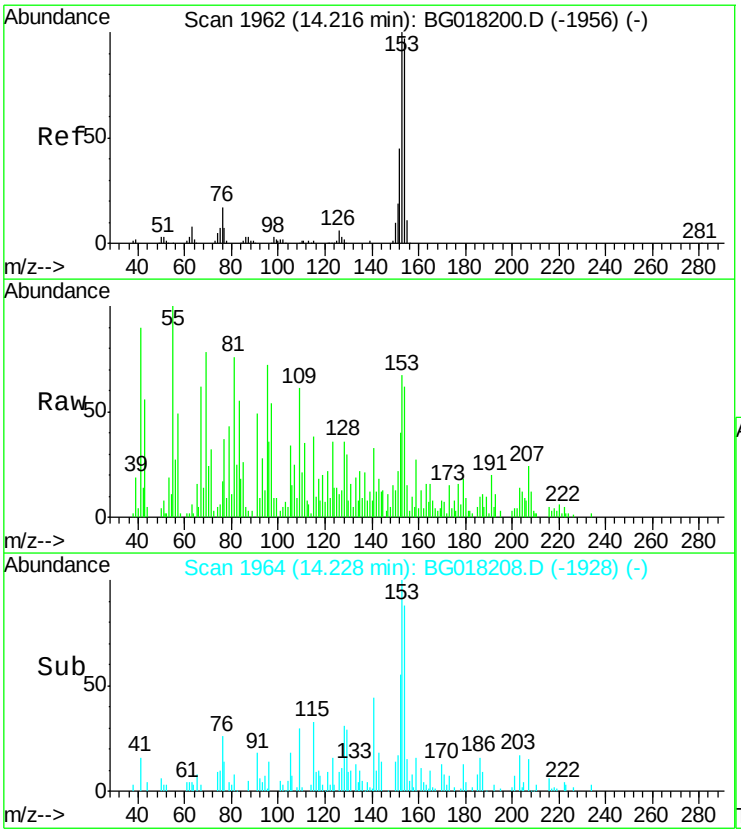
#45
Dimethylphthalate
Concen: 18.45 ng/ul
RT: 13.62 min Scan# 1861
Delta R.T. 0.01 min
Lab File: BG018208.D
Acq: 1 Aug 2015 7:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 171865

Ion	Ratio	Lower	Upper
163	100		
194	6.8	5.2	7.8
164	9.8	8.4	12.6

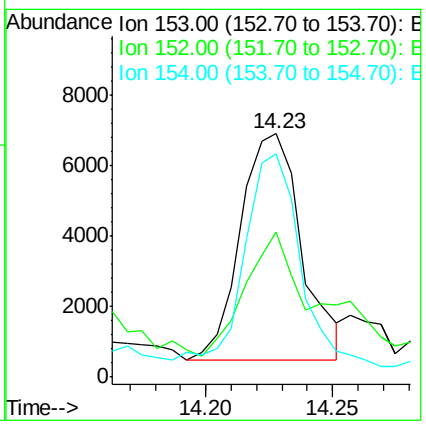


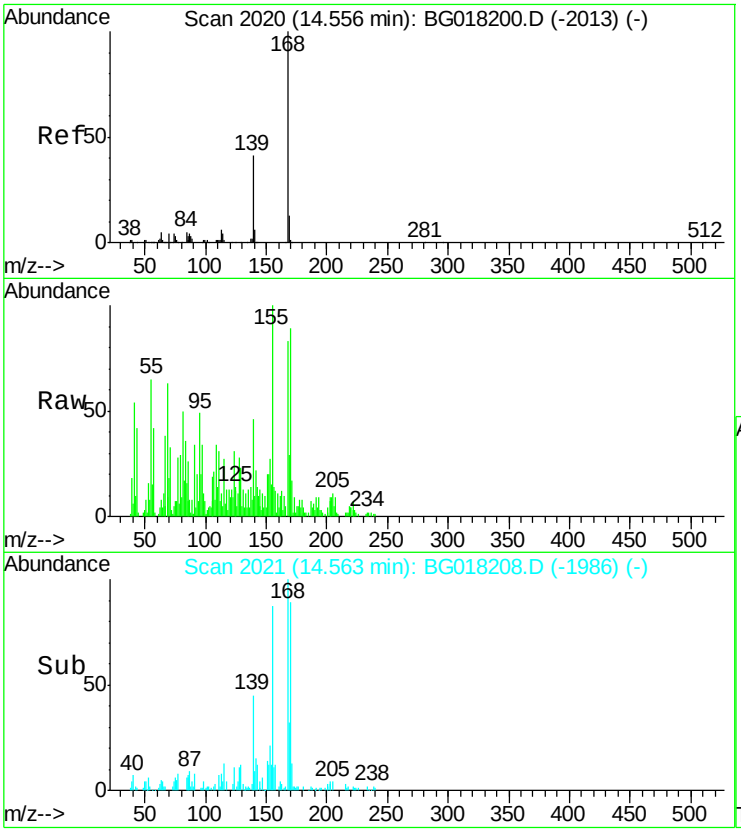


#50
Acenaphthene
Concen: 1.53 ng/ul
RT: 14.23 min Scan# 1964
Delta R.T. 0.01 min
Lab File: BG018208.D
Acq: 1 Aug 2015 7:33

Tgt Ion:153 Resp: 10724

Ion	Ratio	Lower	Upper
153	100		
152	59.4	38.7	58.1#
154	91.7	74.8	112.2



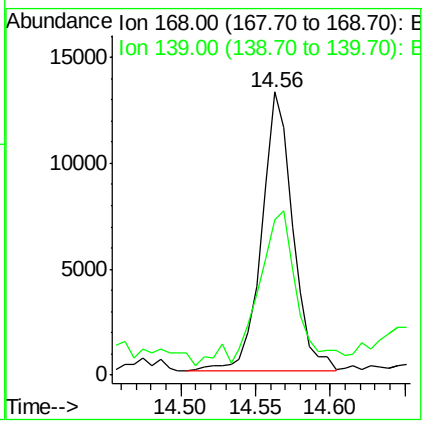


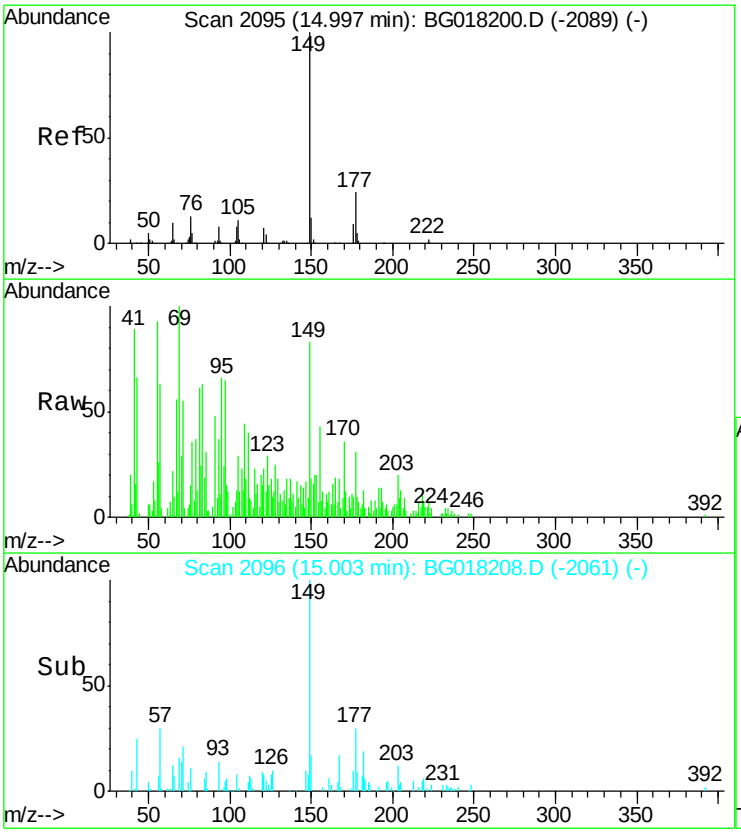
#54
Dibenzofuran
Concen: 1.80 ng/ul
RT: 14.56 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BG018208.D
Acq: 1 Aug 2015 7:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:168 Resp: 19020

Ion	Ratio	Lower	Upper
168	100		
139	55.1	26.8	40.2#

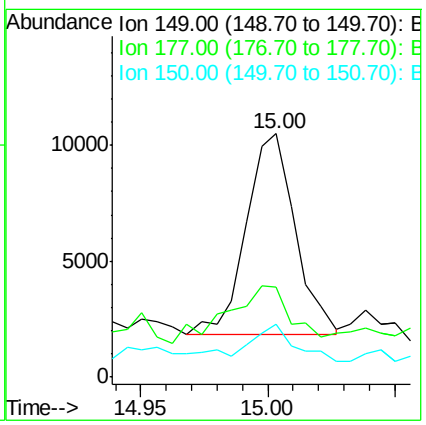


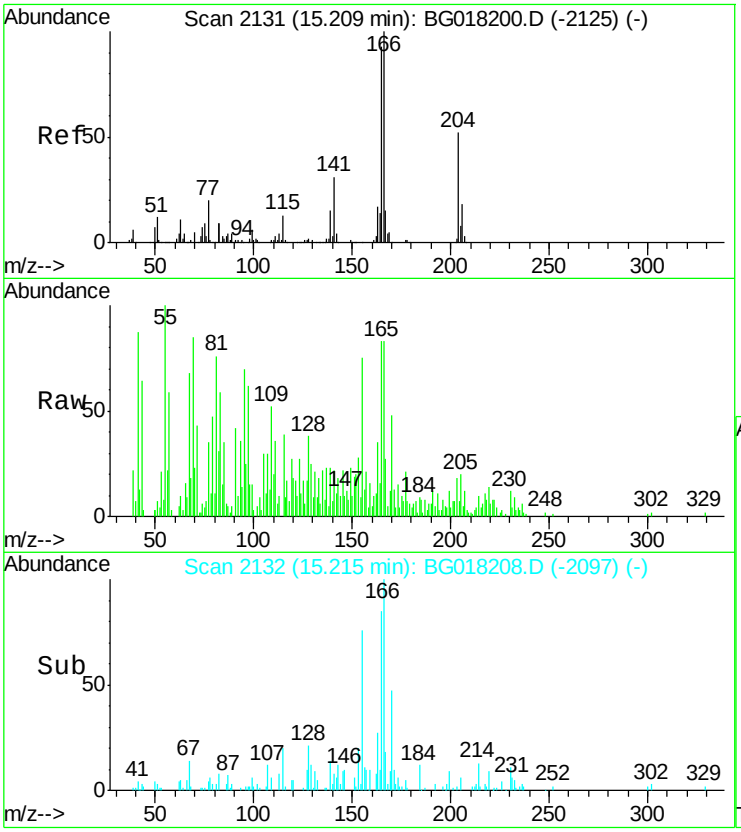


#57
Diethylphthalate
Concen: 1.22 ng/ul
RT: 15.00 min Scan# 2096
Delta R.T. 0.01 min
Lab File: BG018208.D
Acq: 1 Aug 2015 7:33

Tgt Ion:149 Resp: 11737

Ion	Ratio	Lower	Upper
149	100		
177	37.2	20.1	30.1#
150	21.8	10.0	15.0#



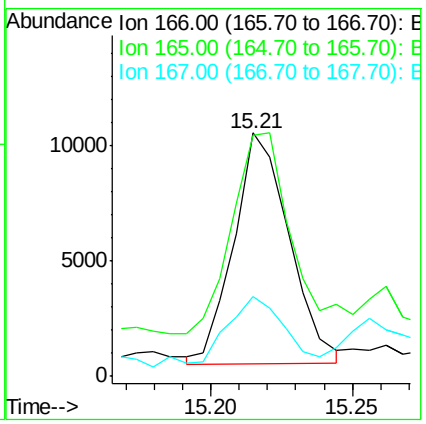


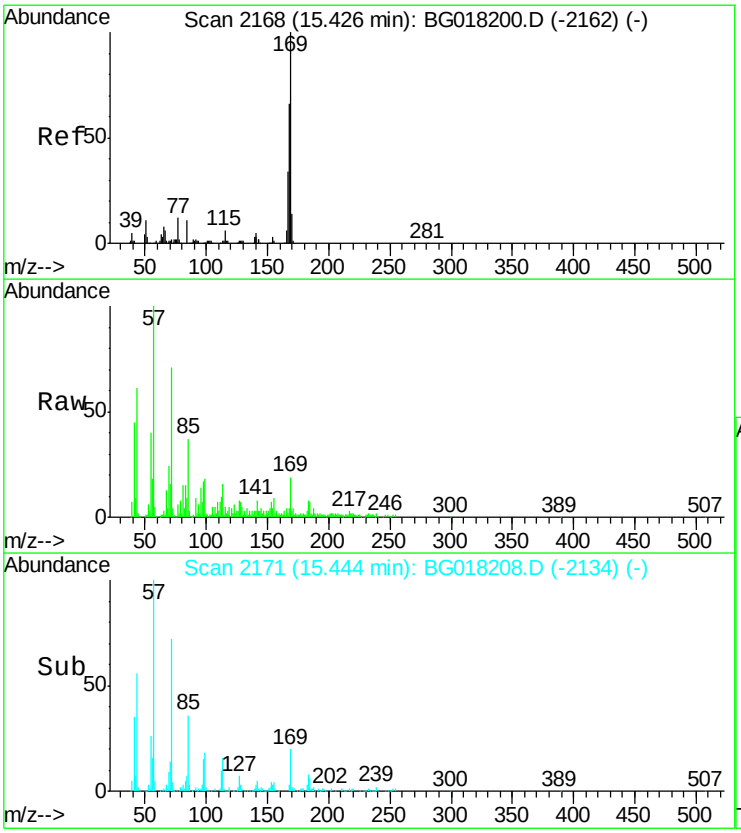
#59
Fluorene
Concen: 1.49 ng/ul
RT: 15.21 min Scan# 2132
Delta R.T. 0.01 min
Lab File: BG018208.D
Acq: 1 Aug 2015 7:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 13633

Ion	Ratio	Lower	Upper
166	100		
165	99.1	75.1	112.7
167	32.8	11.8	17.6#

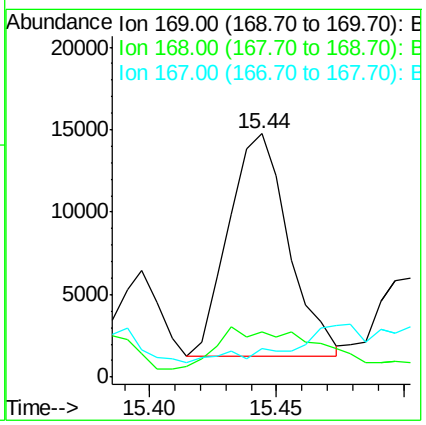


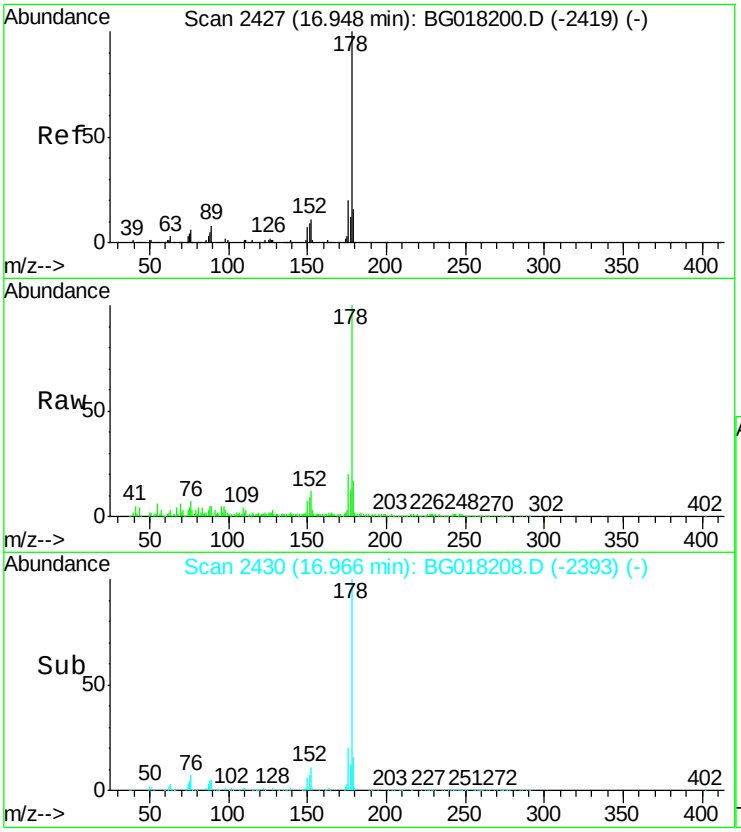


#65
N-Nitrosodiphenylamine
Concen: 3.48 ng/ul
RT: 15.44 min Scan# 2171
Delta R.T. 0.02 min
Lab File: BG018208.D
Acq: 1 Aug 2015 7:33

Tgt Ion:169 Resp: 22062

Ion	Ratio	Lower	Upper
169	100		
168	18.5	51.8	77.6#
167	11.9	27.7	41.5#



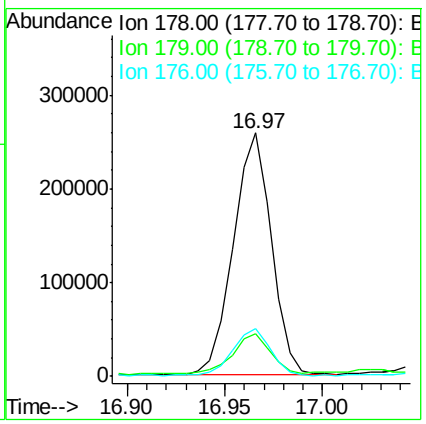


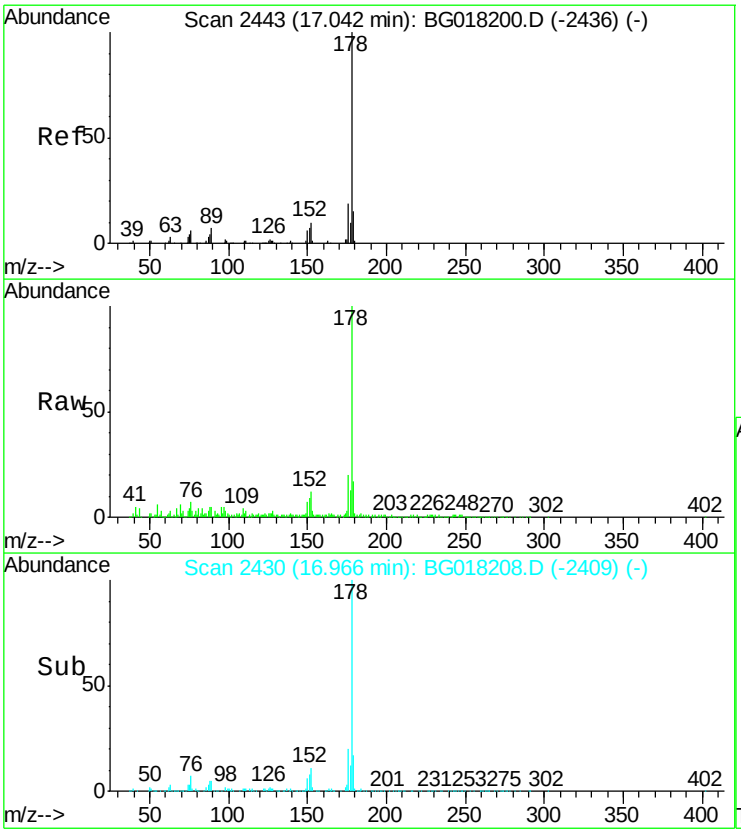
#70
Phenanthrene
Concen: 27.74 ng/ul
RT: 16.97 min Scan# 2430
Delta R.T. 0.02 min
Lab File: BG018208.D
Acq: 1 Aug 2015 7:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 344904

Ion	Ratio	Lower	Upper
178	100		
179	17.4	12.8	19.2
176	19.8	16.0	24.0

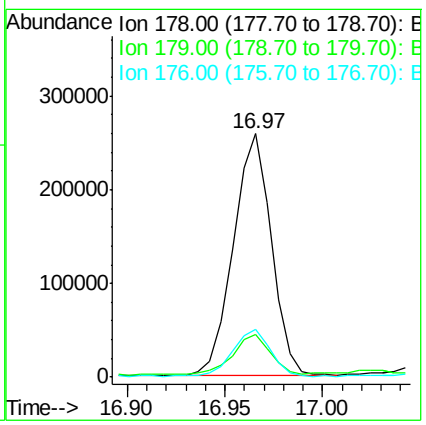


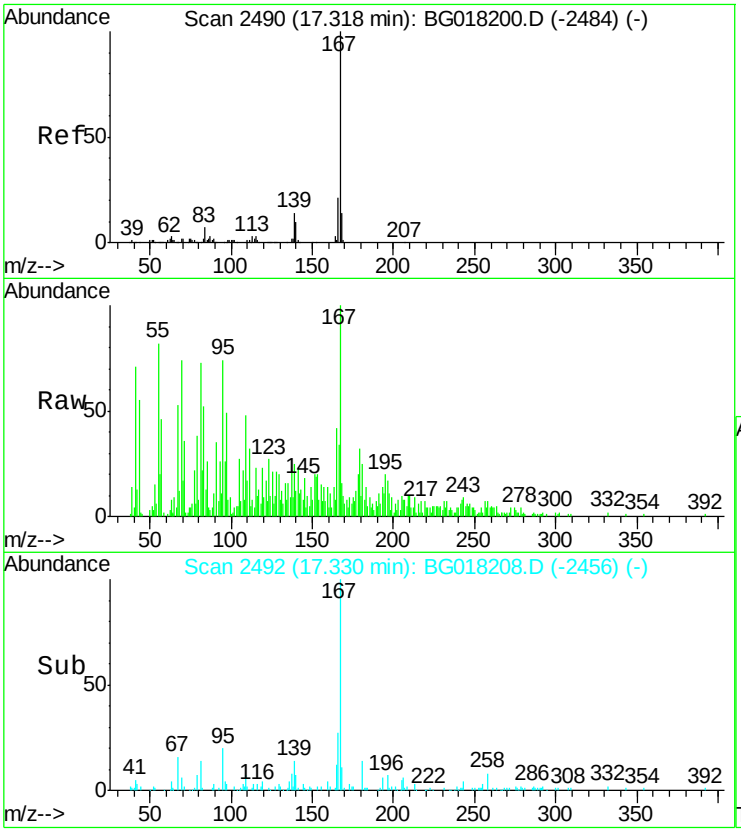


#72
Anthracene
Concen: 27.95 ng/ul
RT: 16.97 min Scan# 2430
Delta R.T. -0.08 min
Lab File: BG018208.D
Acq: 1 Aug 2015 7:33

Tgt Ion:178 Resp: 345700

Ion	Ratio	Lower	Upper
178	100		
179	17.4	12.2	18.2
176	19.8	14.8	22.2



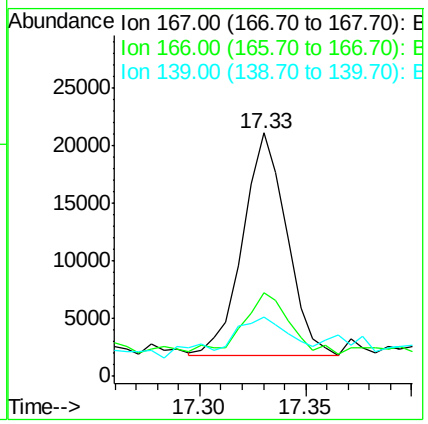


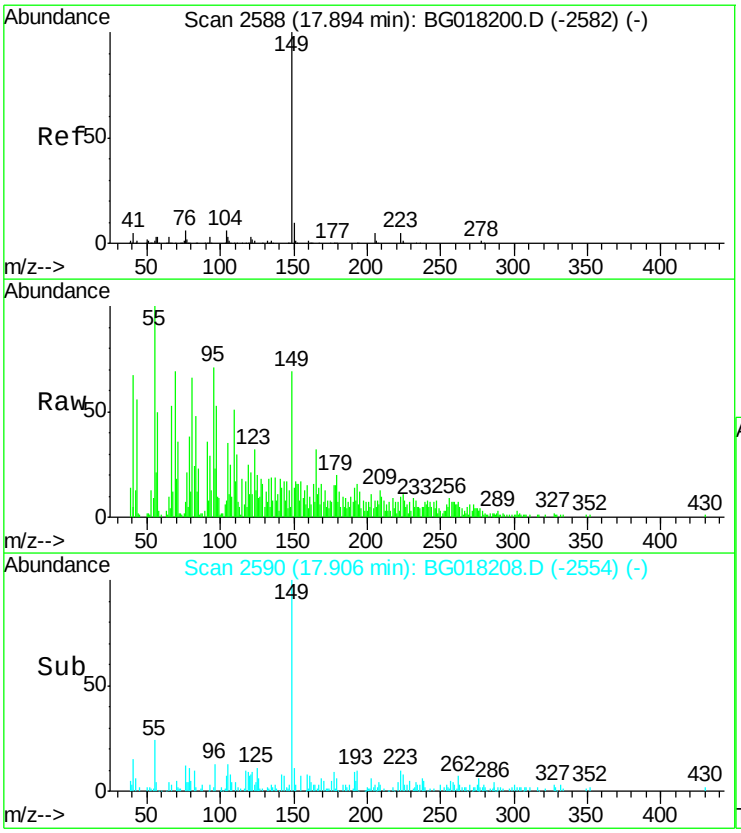
#75
Carbazole
Concen: 2.70 ng/ul
RT: 17.33 min Scan# 2492
Delta R.T. 0.01 min
Lab File: BG018208.D
Acq: 1 Aug 2015 7:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:167 Resp: 27801

Ion	Ratio	Lower	Upper
167	100		
166	34.5	17.5	26.3#
139	24.6	10.1	15.1#

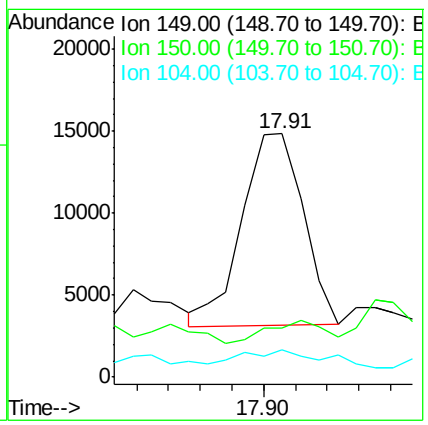


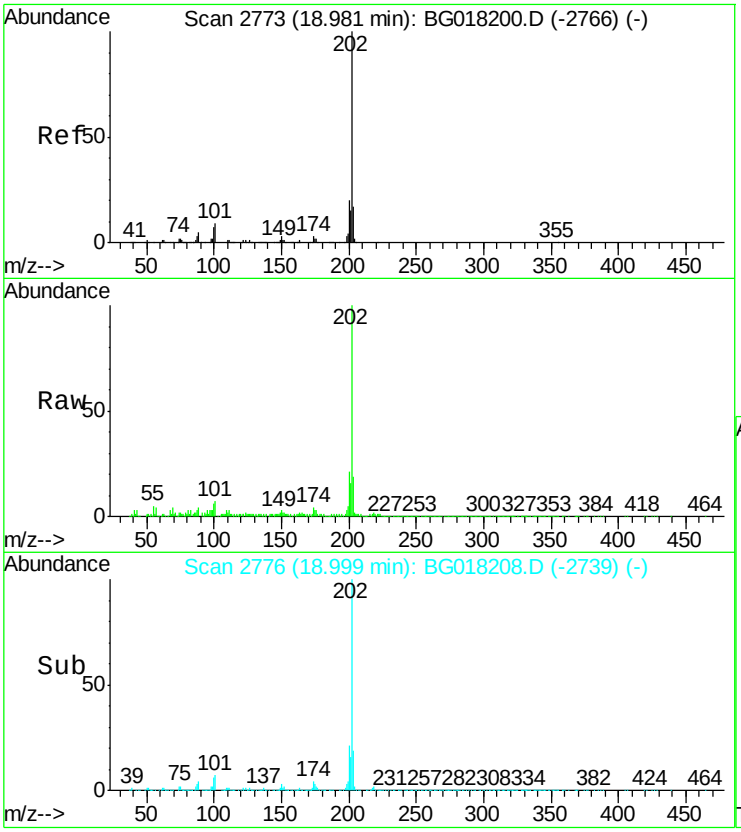


#76
Di-n-butylphthalate
Concen: 1.15 ng/ul
RT: 17.91 min Scan# 2590
Delta R.T. 0.01 min
Lab File: BG018208.D
Acq: 1 Aug 2015 7:33

Tgt Ion:149 Resp: 15727

Ion	Ratio	Lower	Upper
149	100		
150	20.3	7.7	11.5#
104	11.1	3.6	5.4#



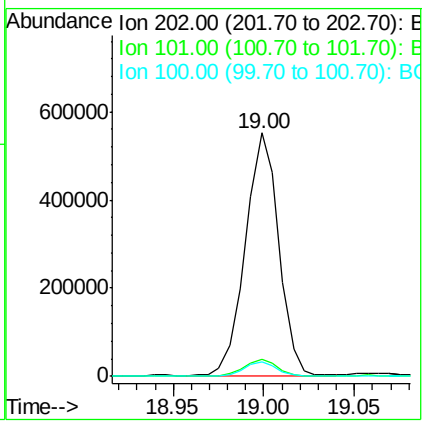


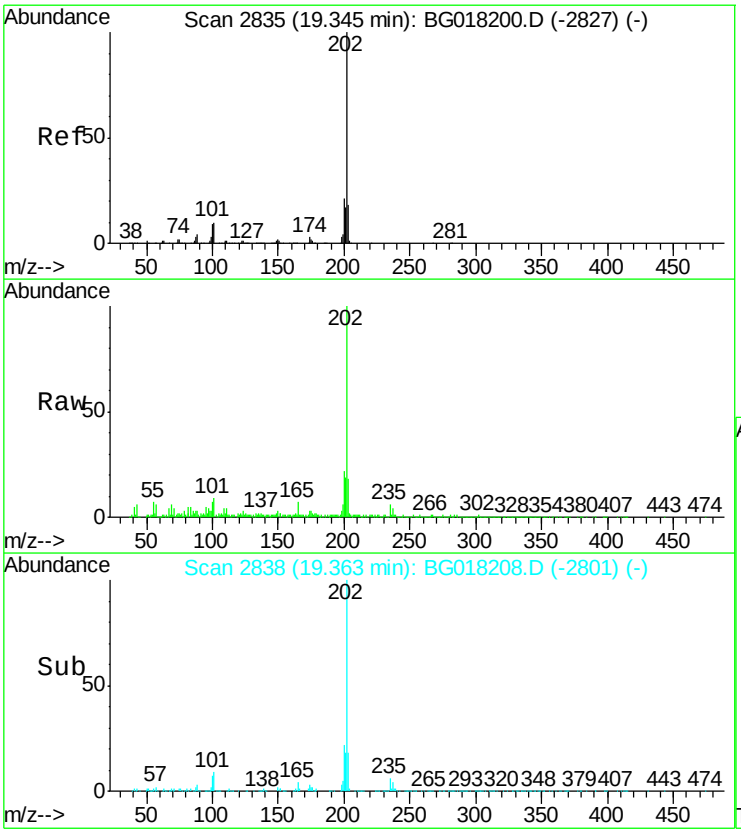
#77
Fluoranthene
Concen: 51.38 ng/ul
RT: 19.00 min Scan# 2776
Delta R.T. 0.02 min
Lab File: BG018208.D
Acq: 1 Aug 2015 7:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 701707

Ion	Ratio	Lower	Upper
202	100		
101	7.0	7.5	11.3#
100	5.9	5.5	8.3

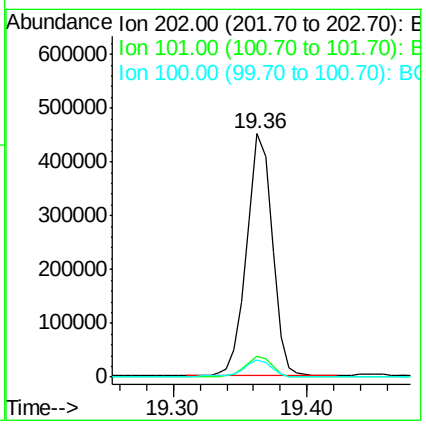


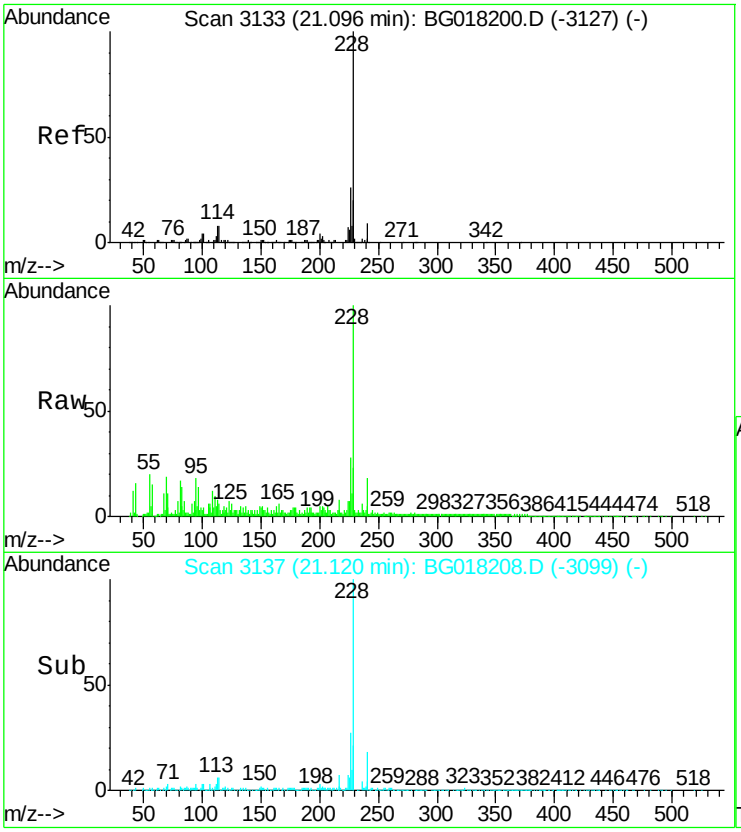


#80
Pyrene
Concen: 30.76 ng/ul
RT: 19.36 min Scan# 2838
Delta R.T. 0.02 min
Lab File: BG018208.D
Acq: 1 Aug 2015 7:33

Tgt Ion:202 Resp: 594926

Ion	Ratio	Lower	Upper
202	100		
101	8.8	8.1	12.1
100	7.2	7.4	11.0#



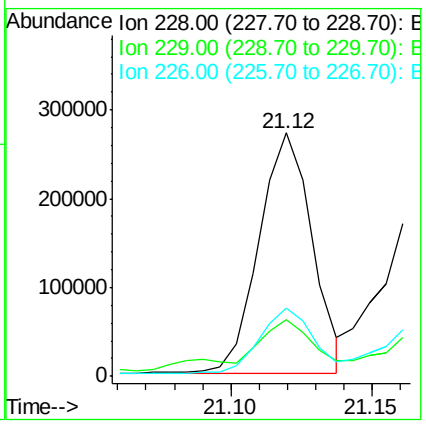


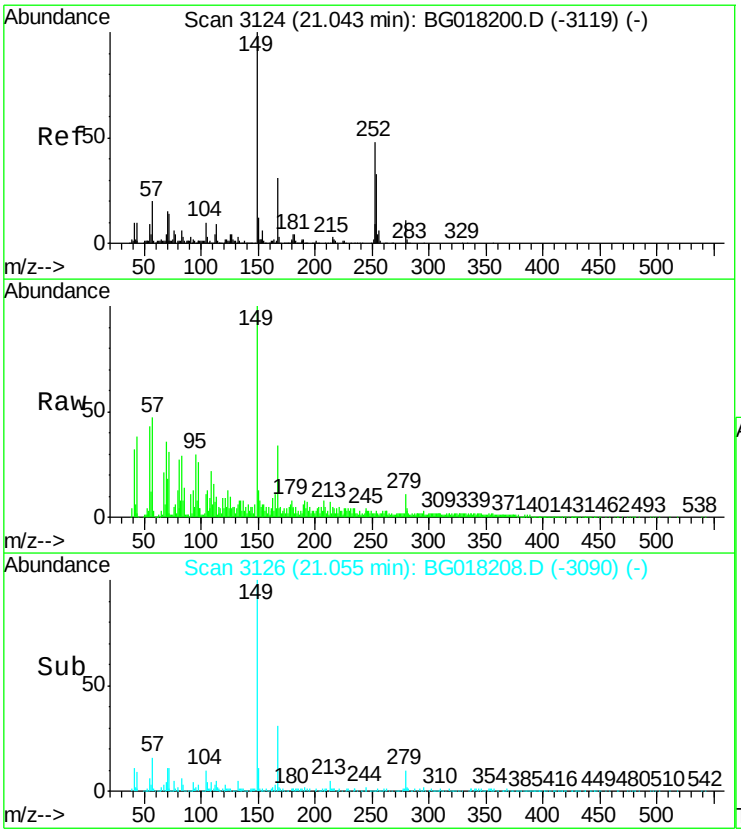
#83
Benzo(a)anthracene
Concen: 20.57 ng/ul
RT: 21.12 min Scan# 3137
Delta R.T. 0.02 min
Lab File: BG018208.D
Acq: 1 Aug 2015 7:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 353256

Ion	Ratio	Lower	Upper
228	100		
229	23.2	16.5	24.7
226	28.1	21.5	32.3

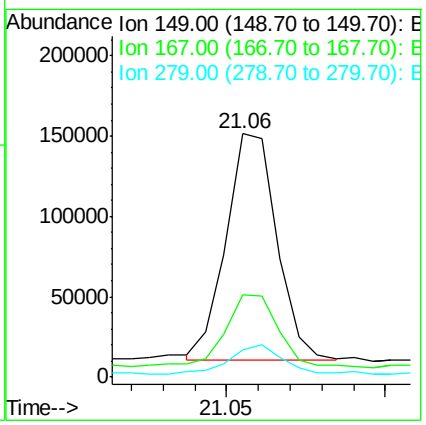


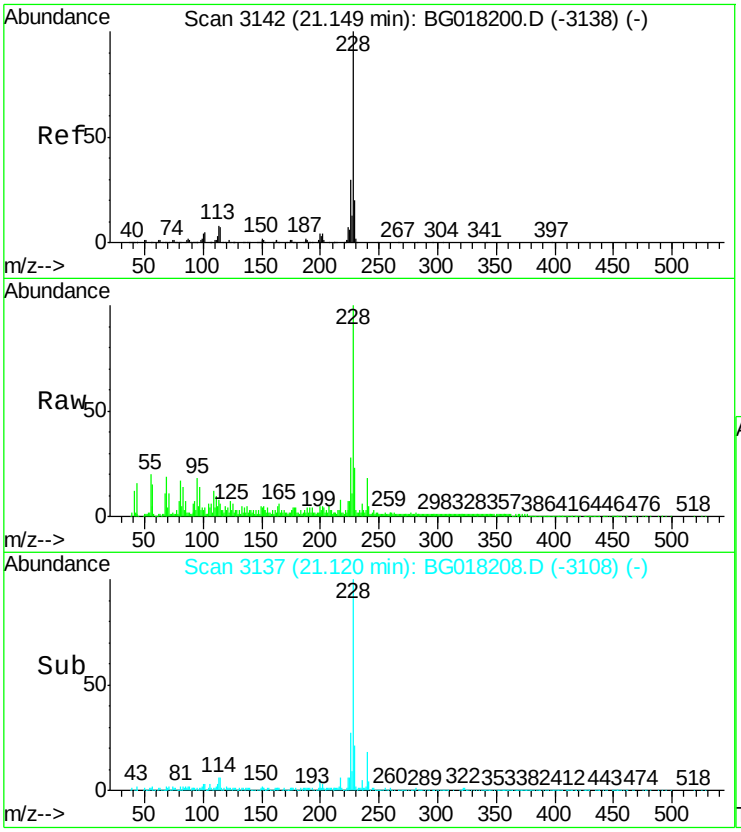


#84
Bis(2-ethylhexyl)phthalate
Concen: 14.74 ng/ul
RT: 21.06 min Scan# 3126
Delta R.T. 0.01 min
Lab File: BG018208.D
Acq: 1 Aug 2015 7:33

Tgt Ion:149 Resp: 156289

Ion	Ratio	Lower	Upper
149	100		
167	33.8	27.4	41.2
279	11.3	8.3	12.5



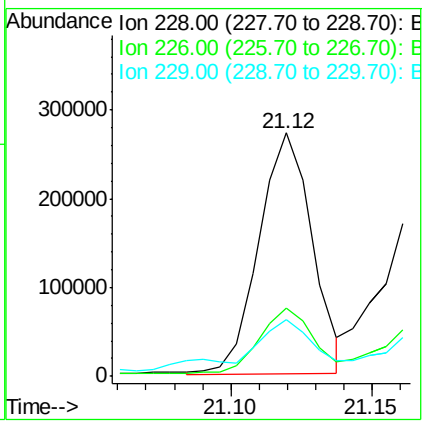


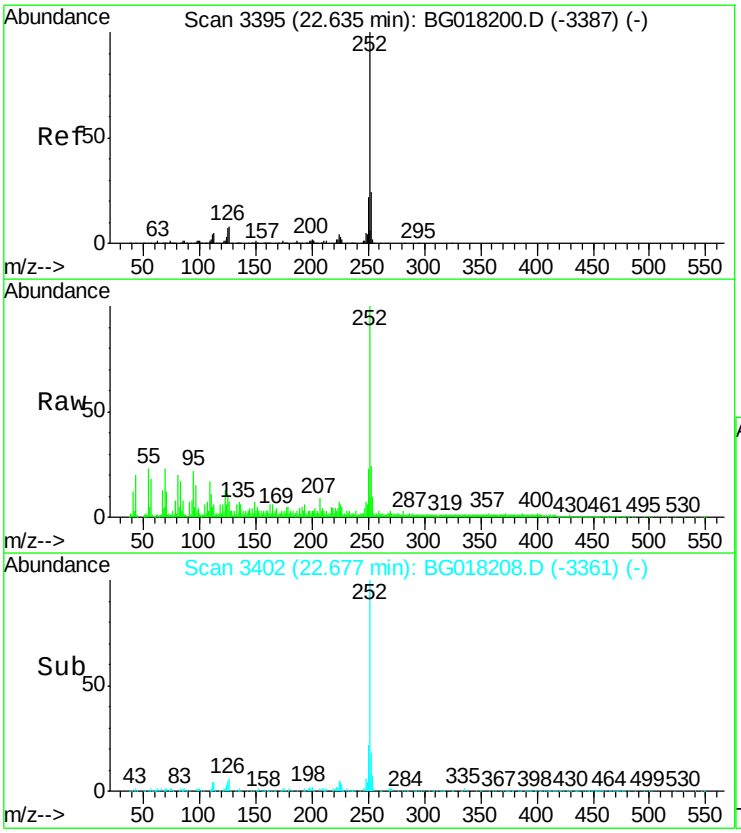
#85
Chrysene
Concen: 22.53 ng/ul
RT: 21.12 min Scan# 3137
Delta R.T. -0.03 min
Lab File: BG018208.D
Acq: 1 Aug 2015 7:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 354326

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.7	34.1
229	23.2	16.2	24.2

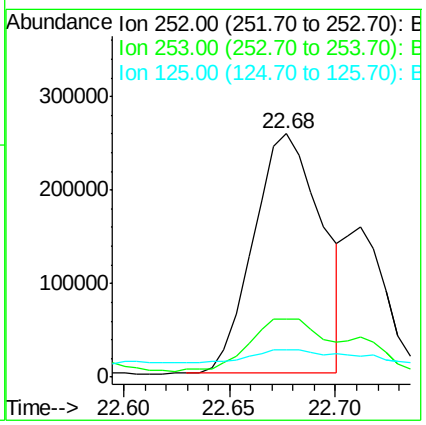


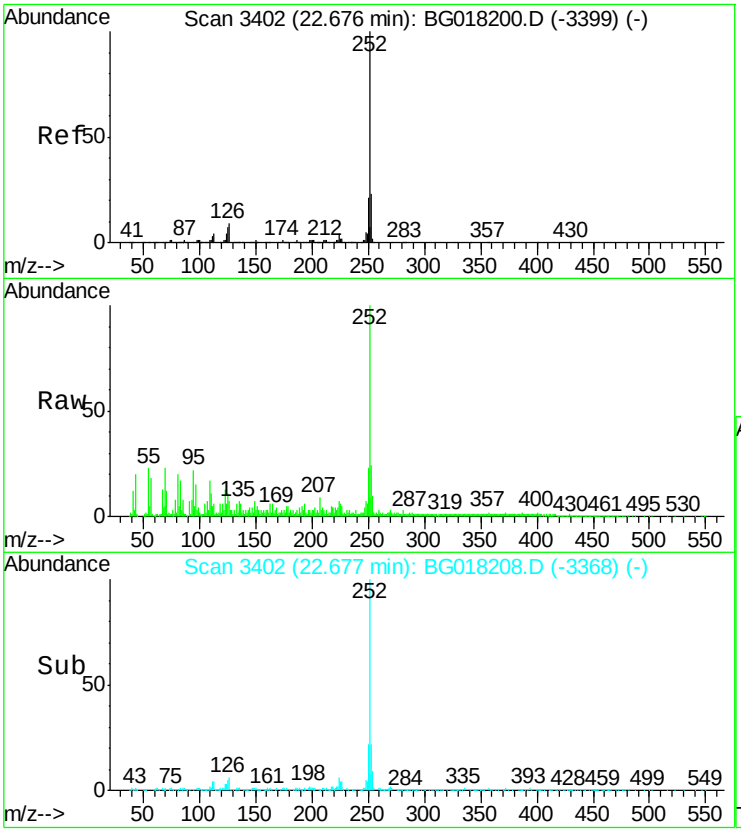


#88
Benzo(b)fluoranthene
Concen: 27.63 ng/ul
RT: 22.68 min Scan# 3402
Delta R.T. 0.04 min
Lab File: BG018208.D
Acq: 1 Aug 2015 7:33

Tgt Ion:252 Resp: 574757

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.5	27.7
125	11.4	7.4	11.0#



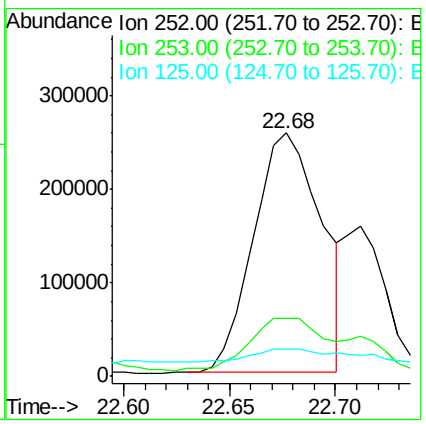


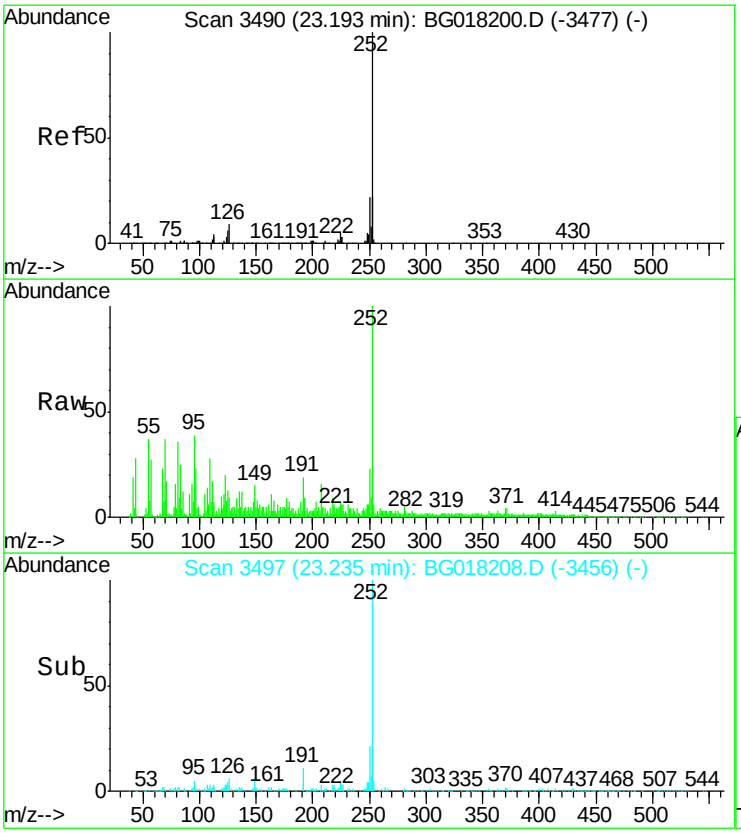
#89
Benzo(k)fluoranthene
Concen: 30.06 ng/ul
RT: 22.68 min Scan# 3402
Delta R.T. 0.00 min
Lab File: BG018208.D
Acq: 1 Aug 2015 7:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 574757

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.2	27.2
125	11.4	7.5	11.3#

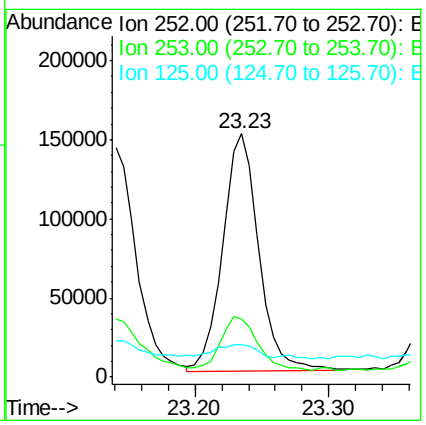


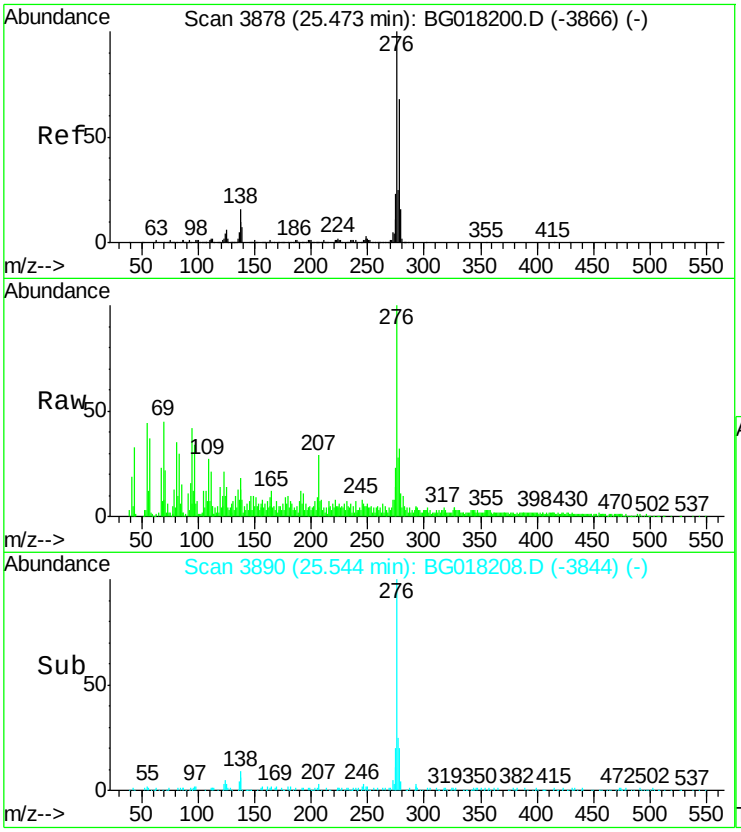


#91
Benzo(a)pyrene
Concen: 15.18 ng/ul
RT: 23.23 min Scan# 3497
Delta R.T. 0.04 min
Lab File: BG018208.D
Acq: 1 Aug 2015 7:33

Tgt Ion:252 Resp: 282425

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.4	26.2
125	13.4	7.3	10.9#



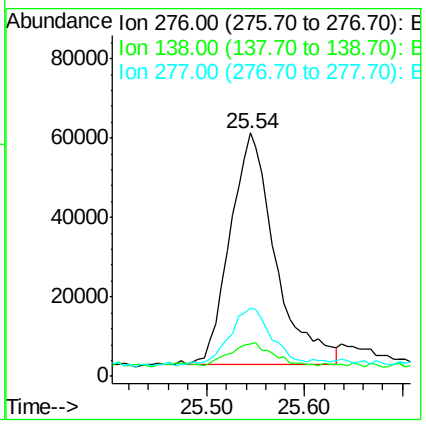


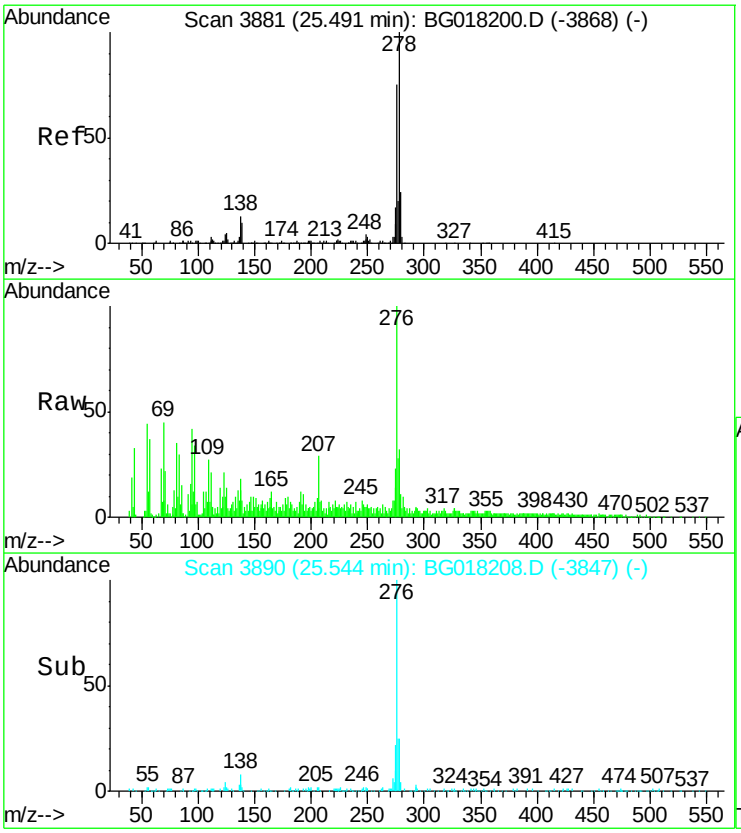
#92
Indeno(1,2,3-cd)pyrene
Concen: 8.75 ng/ul
RT: 25.54 min Scan# 3890
Delta R.T. 0.07 min
Lab File: BG018208.D
Acq: 1 Aug 2015 7:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 188307

Ion	Ratio	Lower	Upper
276	100		
138	13.4	17.2	25.8#
277	28.1	19.5	29.3

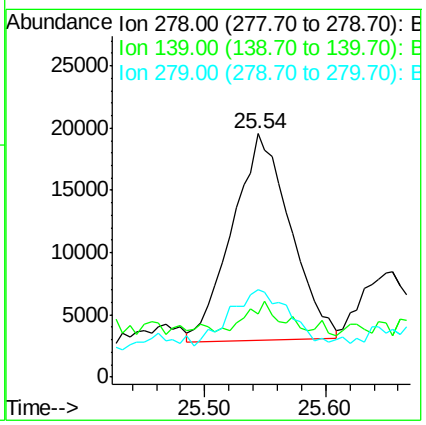


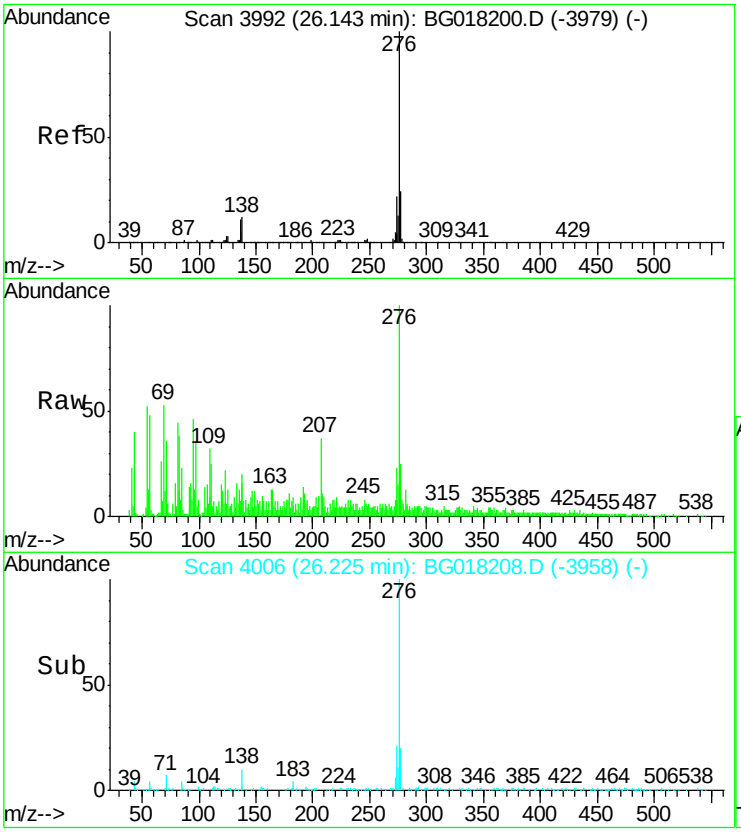


#93
Dibenzo(a,h)anthracene
Concen: 3.00 ng/ul
RT: 25.54 min Scan# 3890
Delta R.T. 0.05 min
Lab File: BG018208.D
Acq: 1 Aug 2015 7:33

Tgt Ion:278 Resp: 55310

Ion	Ratio	Lower	Upper
278	100		
139	25.8	12.2	18.2#
279	36.0	20.0	30.0#





#94
Benzo(g,h,i)perylene
Concen: 8.82 ng/ul
RT: 26.23 min Scan# 4006
Delta R.T. 0.08 min
Lab File: BG018208.D
Acq: 1 Aug 2015 7:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 155050

Ion	Ratio	Lower	Upper
276	100		
138	15.5	15.1	22.7
277	25.4	19.8	29.6