Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071315\
Data File : BG017826.D
Acq On : 13 Jul 2015 16:25
Operator : TP/UM
Sample : G2928-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X1Y22

Quant Time: Jul 14 01:36:01 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070915.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 14 01:25:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	59167	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	257601	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	149900	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	301527	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	310144	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	298391	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	7441	5.07	ng/uL	0.00
5) Phenol-d5	6.76	99	137844	24.36	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.93	67	85137	25.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	109726	24.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	108270	22.89	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	55665	25.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	50940	23.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	90495	23.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	107429	20.30	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	336056	29.47	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	408574	29.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	63707	26.21	ng/ul	0.00
57) Fluorene-d10	15.24	176	325456	32.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	30976	17.01	ng/ul	0.00
70) Anthracene-d10	17.10	188	540321	38.32	ng/ul	0.00
78) Pyrene-d10	19.40	212	618767	41.38	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	587251	39.45	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.73	77	118607	34.62	ng/ul	98
10) 2-Chlorophenol	7.15	128	17946	3.96	ng/ul	96
16) 4-Methylphenol	8.35	108	10104	1.94	ng/ul	97
23) 2-Nitrophenol	9.49	139	65490	27.68	ng/ul	94
28) Naphthalene	10.42	128	86381	6.40	ng/ul	100
31) Hexachlorobutadiene	10.71	225	30963	15.26	ng/ul	97
33) 4-Chloro-3-methylphenol	11.67	107	62232	12.91	ng/ul	97
36) 1,2,4,5-Tetrachlorobenzene	12.41	216	25705	6.64	ng/ul	92
38) 2,4,6-Trichlorophenol	12.66	196	35987	13.42	ng/ul#	96
40) 1,1'-Biphenyl	13.07	154	234036	20.30	ng/ul	98
44) Dimethylphthalate	13.71	163	322334	27.53	ng/ul	99
45) 2,6-Dinitrotoluene	13.83	165	32521	13.34	ng/ul	98
52) 4-Nitrophenol	14.47	109	64508	32.88	ng/ul	94
53) Dibenzofuran	14.64	168	122195	8.98	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.38	198	22917	11.85	ng/ul#	89
64) N-Nitrosodiphenylamine	15.51	169	15812	1.68	ng/ul	92
66) Hexachlorobenzene	16.30	284	27909	8.63	ng/ul	91
68) Pentachlorophenol	16.65	266	31377	15.63	ng/ul	92
69) Phenanthrene	17.04	178	456752	27.08	ng/ul	98
71) Anthracene	17.13	178	197844	11.42	ng/ul	98
75) Di-n-butylphthalate	17.98	149	383723	18.22	ng/ul	99
76) Fluoranthene	19.07	202	431573	24.99	ng/ul	99
79) Pyrene	19.43	202	471503	24.42	ng/ul	100

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071315\
Data File : BG017826.D
Acq On : 13 Jul 2015 16:25
Operator : TP/UM
Sample : G2928-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X1Y22

Quant Time: Jul 14 01:36:01 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070915.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 14 01:25:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) Bis(2-ethylhexyl)phthalate	21.13	149	333150	26.80	ng/ul	95
84) Chrysene	21.24	228	335567	20.42	ng/ul	96
90) Benzo(a)pyrene	23.32	252	310889	18.74	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.67	276	365297	19.58	ng/ul	96
92) Dibenzo(a,h)anthracene	25.68	278	193896	12.12	ng/ul	99

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

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071315\
Data File : BG017826.D
Acq On : 13 Jul 2015 16:25
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Sample : G2928-07
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
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Quant Title : SVOA CALIBRATION
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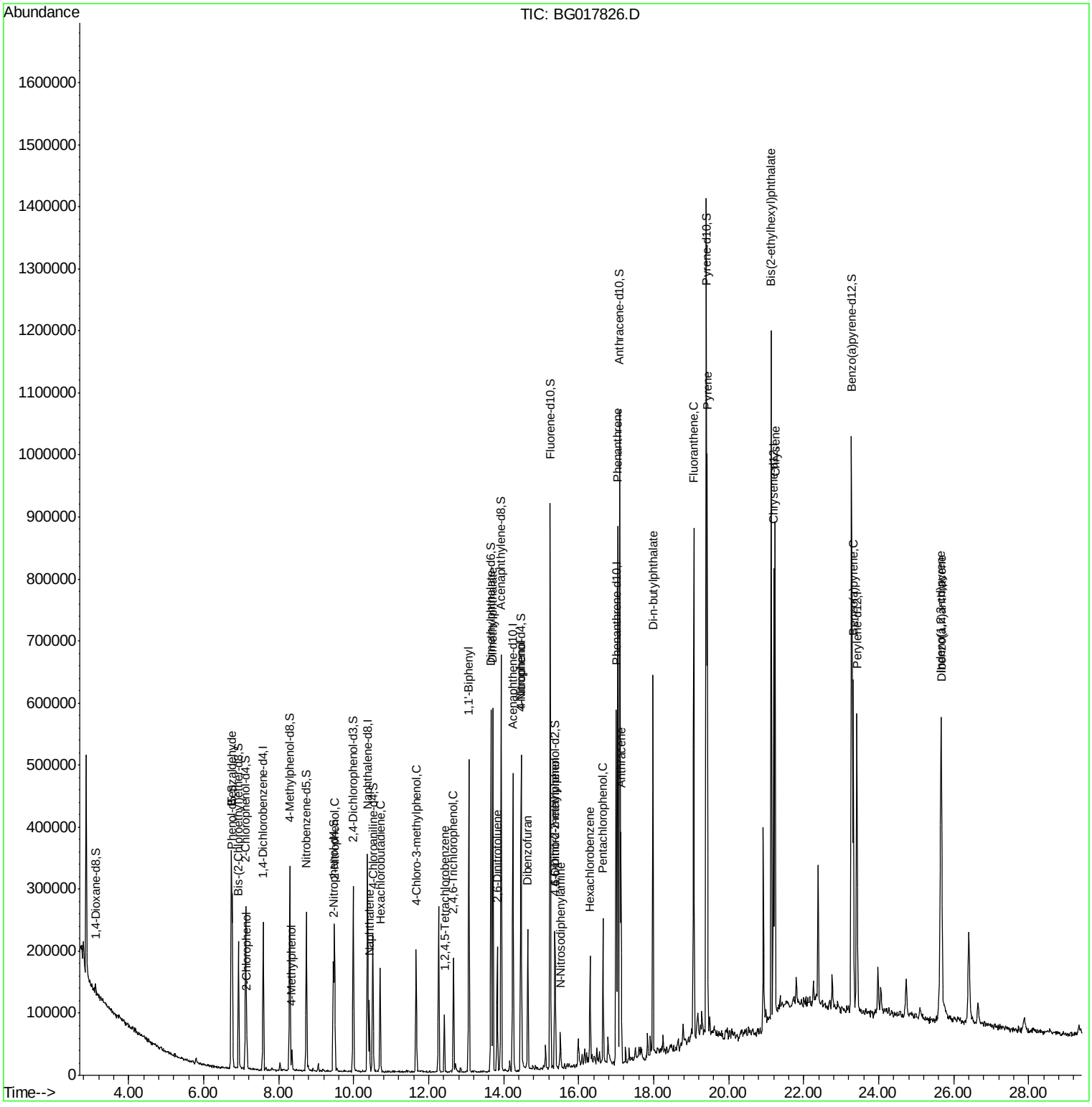
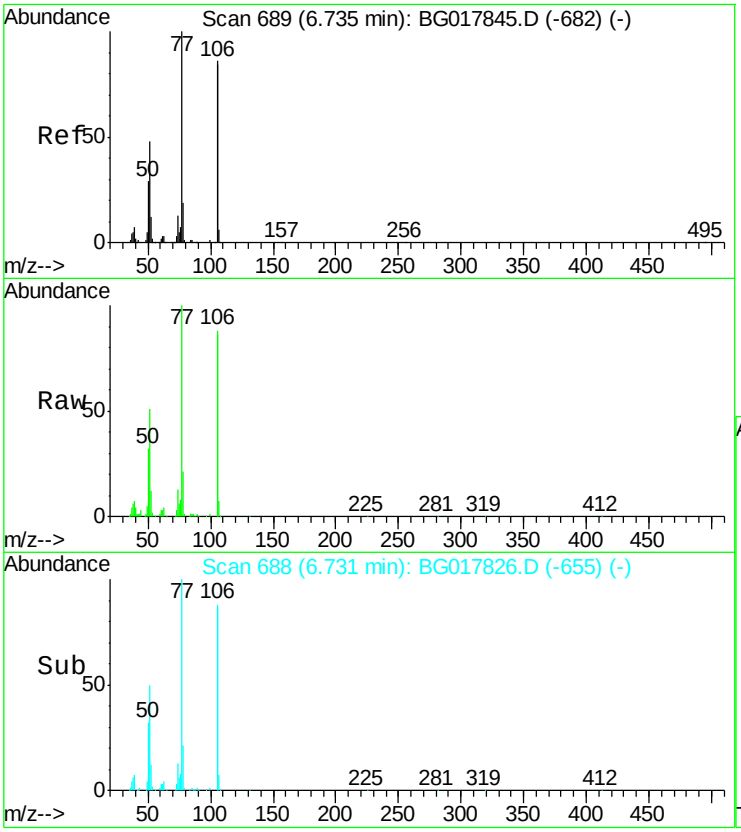


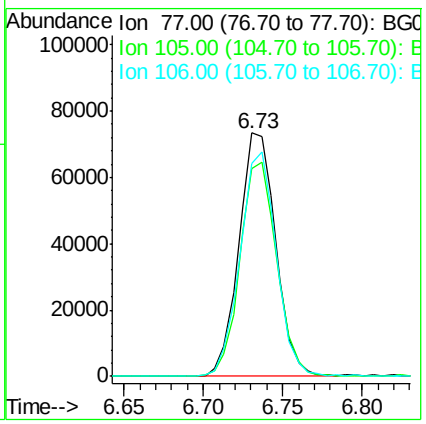


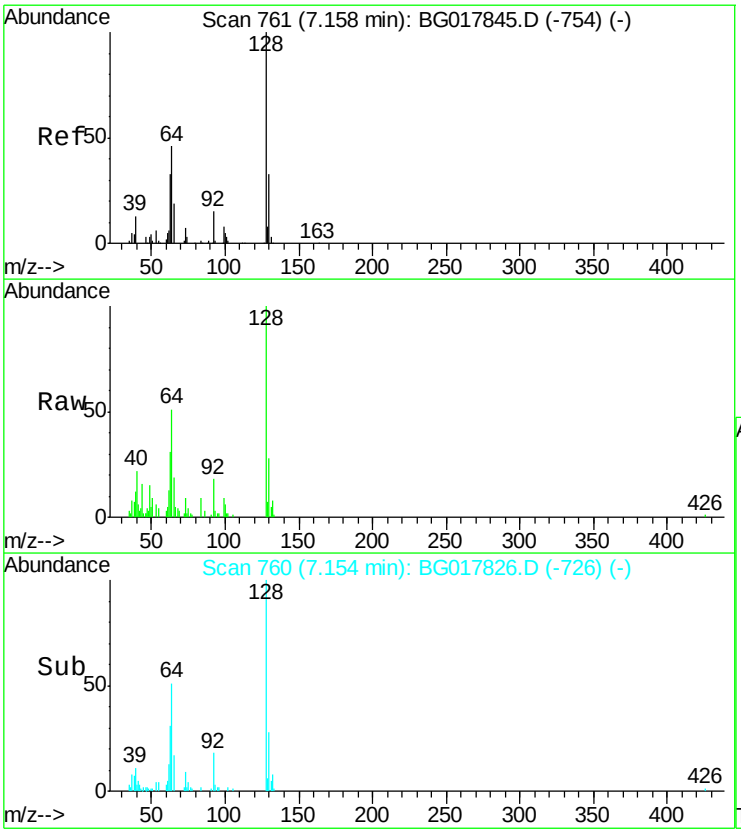
#4
Benzaldehyde
Concen: 34.62 ng/ul
RT: 6.73 min Scan# 688
Delta R.T. -0.00 min
Lab File: BG017826.D
Acq: 13 Jul 2015 16:25

Instrument :
BNA_G
ClientSampleId :
X1Y22

Tgt Ion: 77 Resp: 118607

Ion	Ratio	Lower	Upper
77	100		
105	85.5	67.5	101.3
106	87.7	72.1	108.1

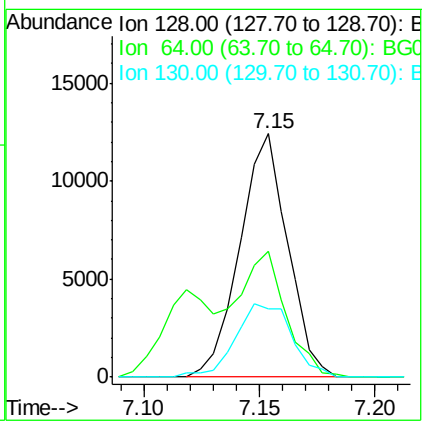


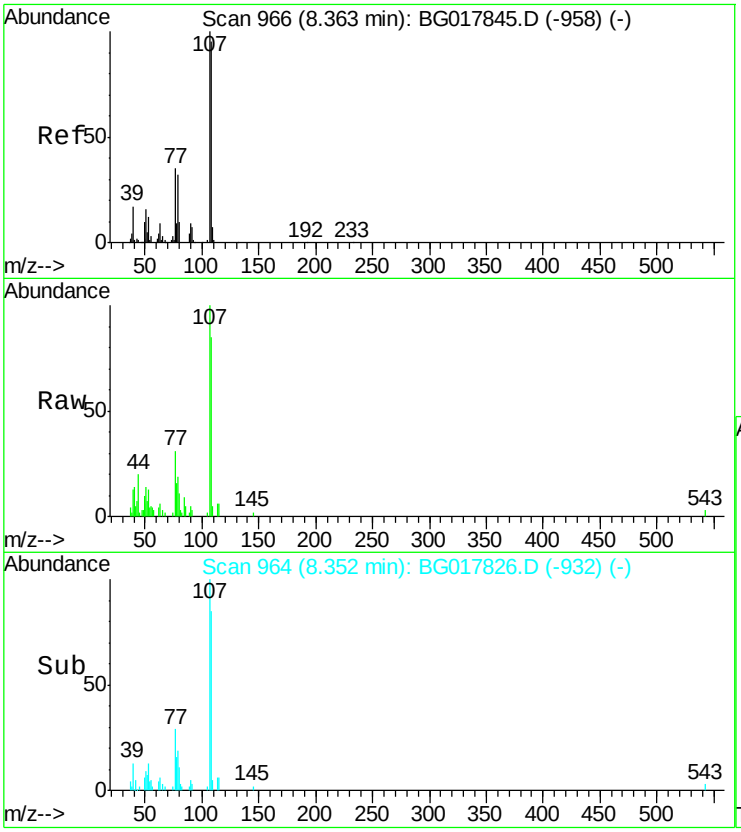


#10
2-Chlorophenol
Concen: 3.96 ng/ul
RT: 7.15 min Scan# 760
Delta R.T. 0.00 min
Lab File: BG017826.D
Acq: 13 Jul 2015 16:25

Tgt Ion:128 Resp: 17946

Ion	Ratio	Lower	Upper
128	100		
64	51.4	40.9	61.3
130	28.1	26.7	40.1



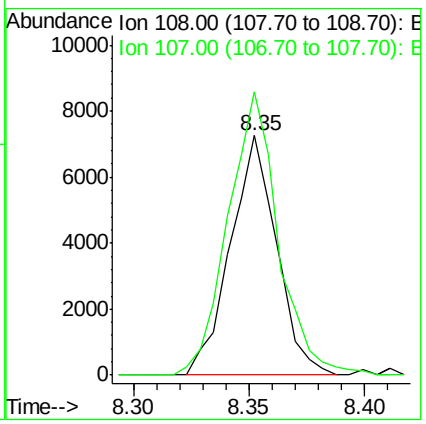


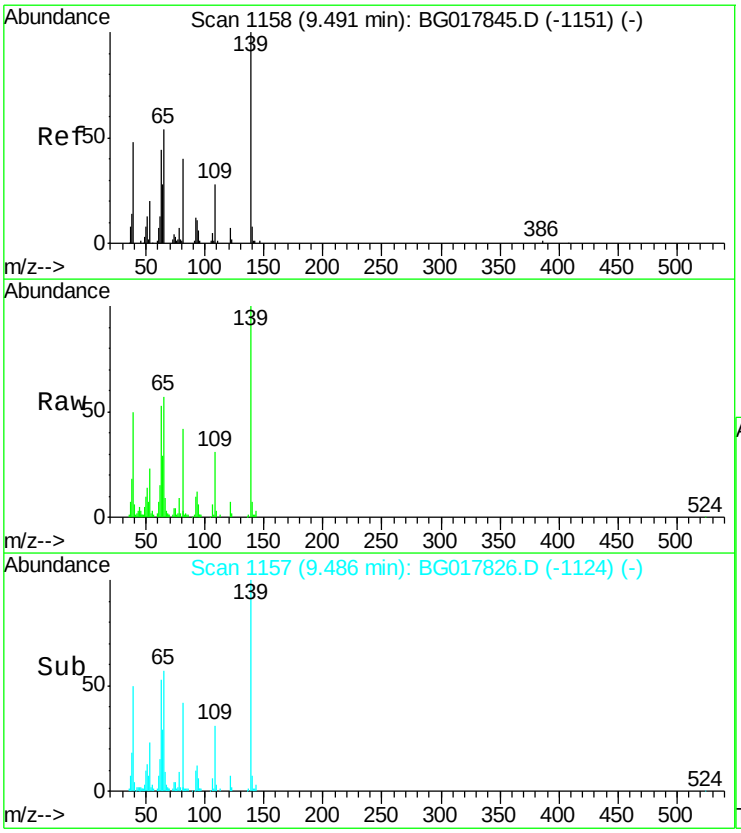
#16
4-Methylphenol
Concen: 1.94 ng/ul
RT: 8.35 min Scan# 964
Delta R.T. -0.01 min
Lab File: BG017826.D
Acq: 13 Jul 2015 16:25

Instrument :
BNA_G
ClientSampleId :
X1Y22

Tgt Ion:108 Resp: 10104

Ion	Ratio	Lower	Upper
108	100		
107	118.2	92.3	138.5

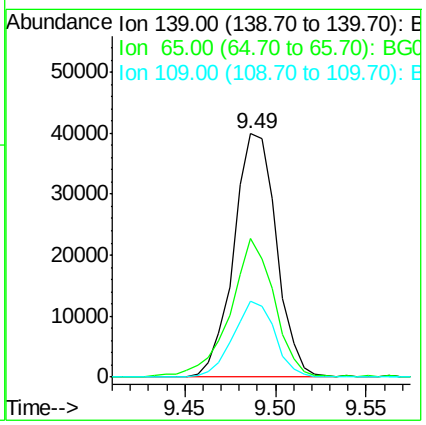


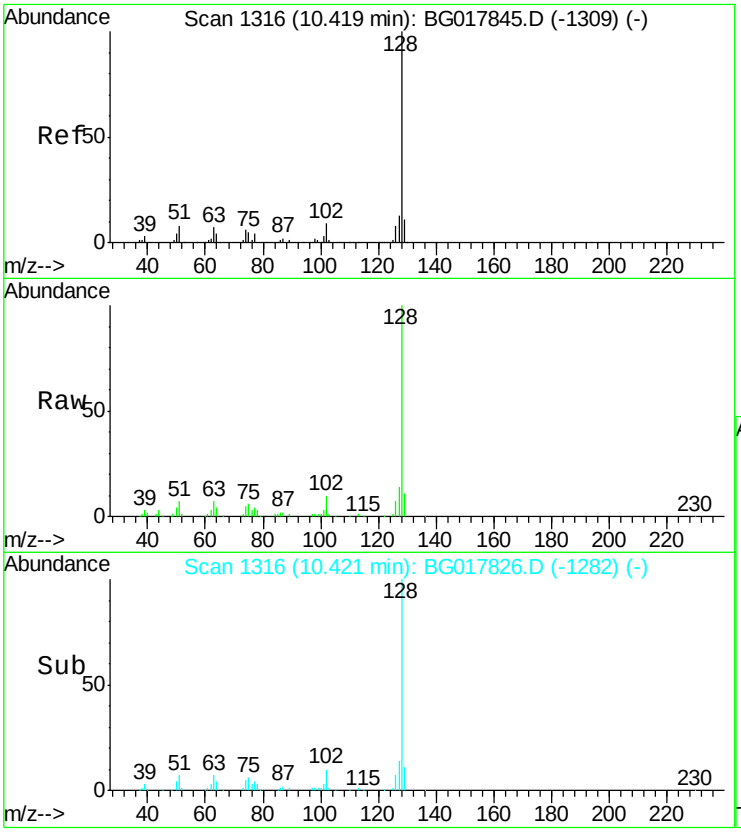


#23
2-Nitrophenol
Concen: 27.68 ng/ul
RT: 9.49 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BG017826.D
Acq: 13 Jul 2015 16:25

Tgt Ion:139 Resp: 65490

Ion	Ratio	Lower	Upper
139	100		
65	56.9	41.5	62.3
109	31.3	23.0	34.4



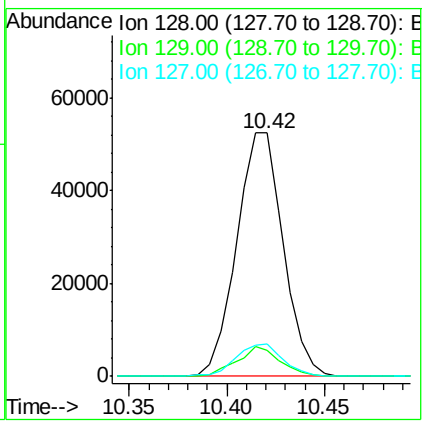


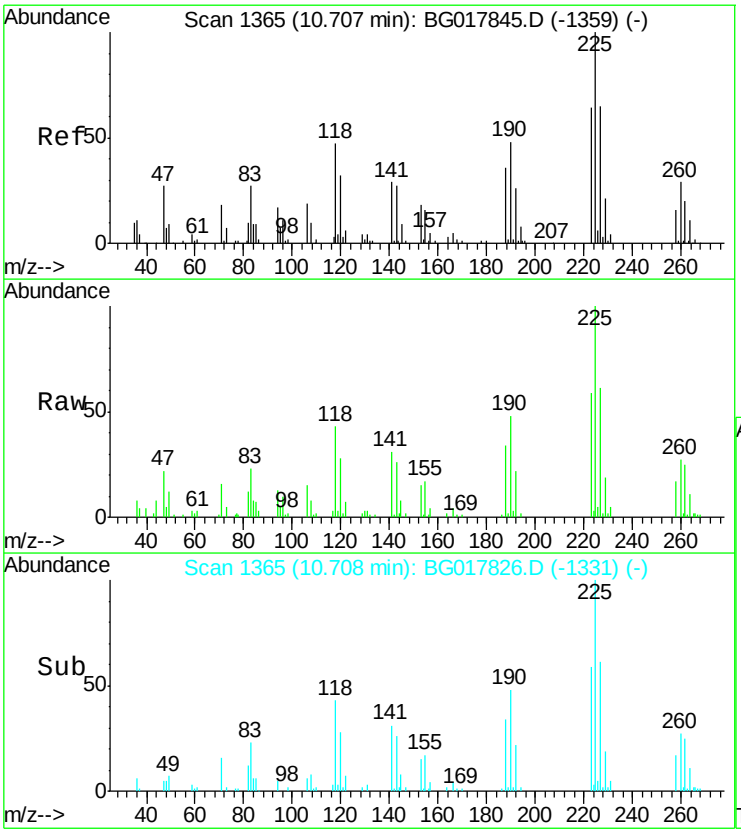
#28
Naphthalene
Concen: 6.40 ng/ul
RT: 10.42 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG017826.D
Acq: 13 Jul 2015 16:25

Instrument :
BNA_G
ClientSampleId :
X1Y22

Tgt Ion:128 Resp: 86381

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	13.0
127	13.5	10.8	16.2

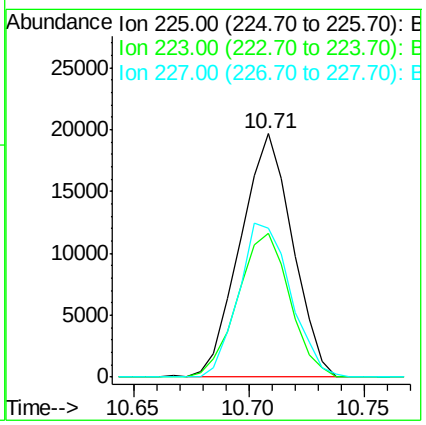


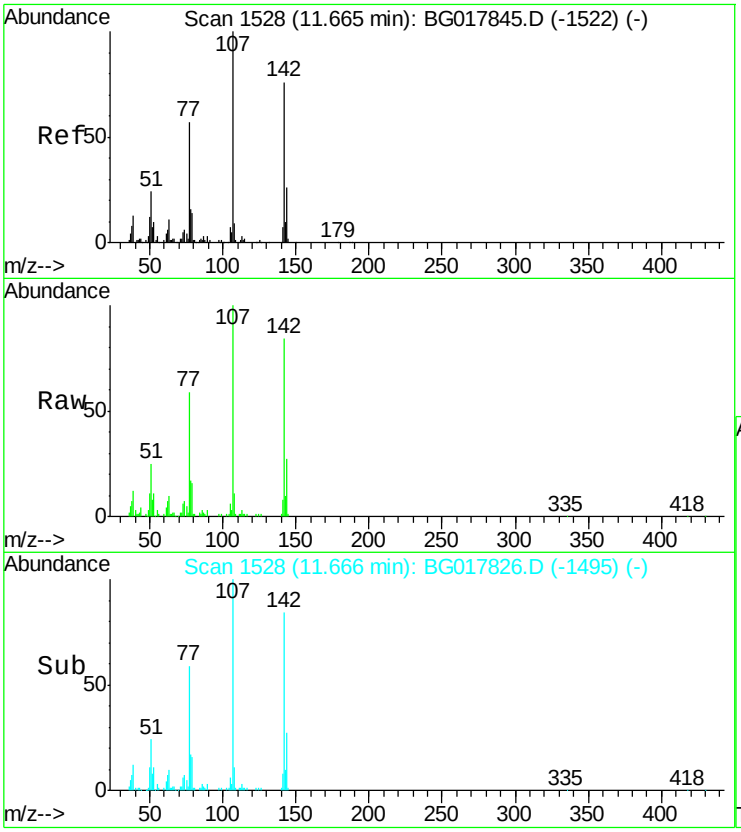


#31
Hexachlorobutadiene
Concen: 15.26 ng/ul
RT: 10.71 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BG017826.D
Acq: 13 Jul 2015 16:25

Tgt Ion:225 Resp: 30963

Ion	Ratio	Lower	Upper
225	100		
223	58.9	47.9	71.9
227	63.5	48.6	72.8



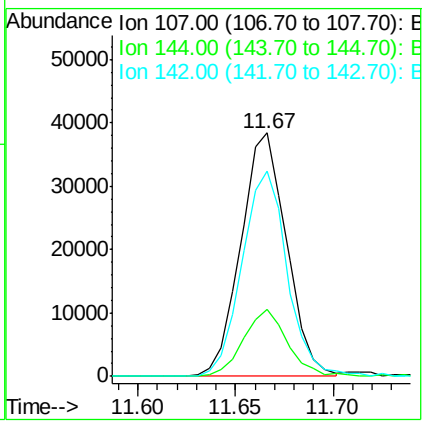


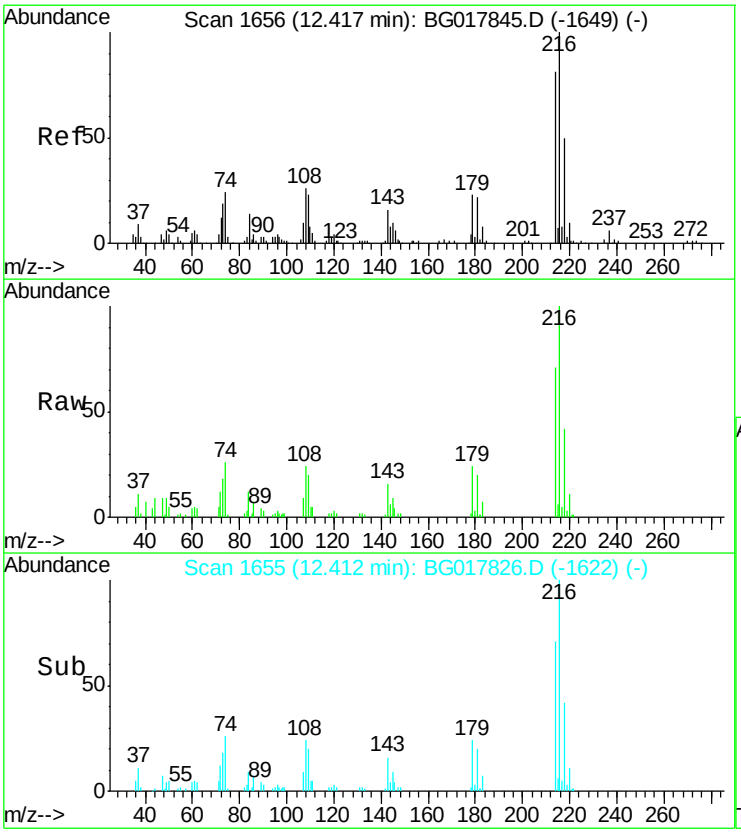
#33
4-Chloro-3-methylphenol
Concen: 12.91 ng/ul
RT: 11.67 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BG017826.D
Acq: 13 Jul 2015 16:25

Instrument :
BNA_G
ClientSampleId :
X1Y22

Tgt Ion:107 Resp: 62232

Ion	Ratio	Lower	Upper
107	100		
144	27.5	21.0	31.6
142	84.3	64.8	97.2

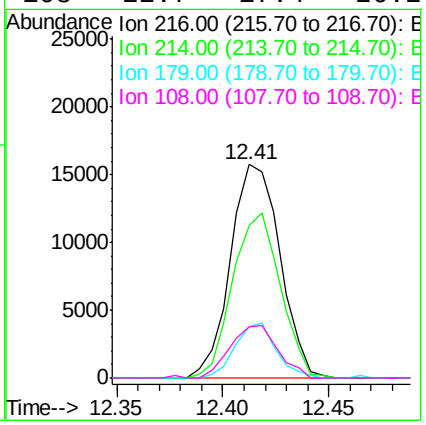


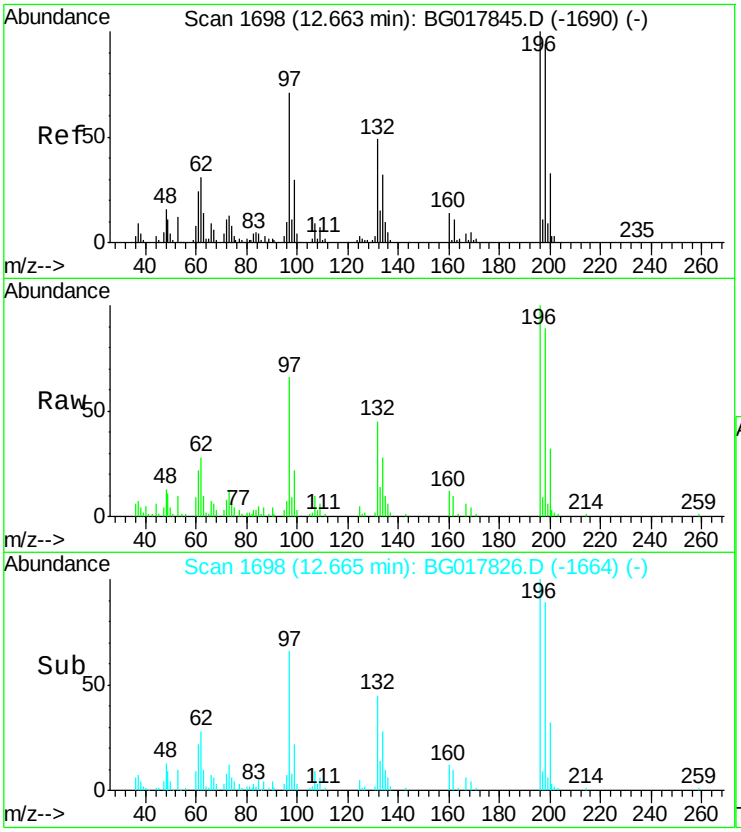


#36
1,2,4,5-Tetrachlorobenzene
Concen: 6.64 ng/ul
RT: 12.41 min Scan# 1655
Delta R.T. -0.00 min
Lab File: BG017826.D
Acq: 13 Jul 2015 16:25

Tgt Ion:216 Resp: 25705

Ion	Ratio	Lower	Upper
216	100		
214	67.6	61.5	92.3
179	22.5	16.7	25.1
108	22.7	17.4	26.2



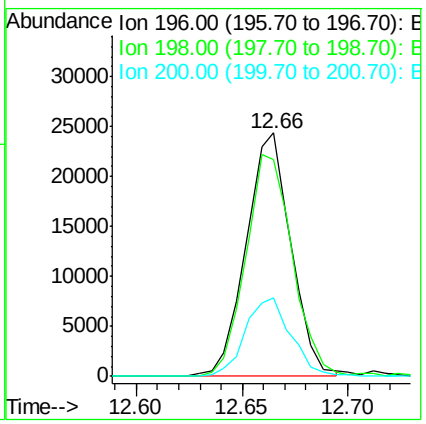


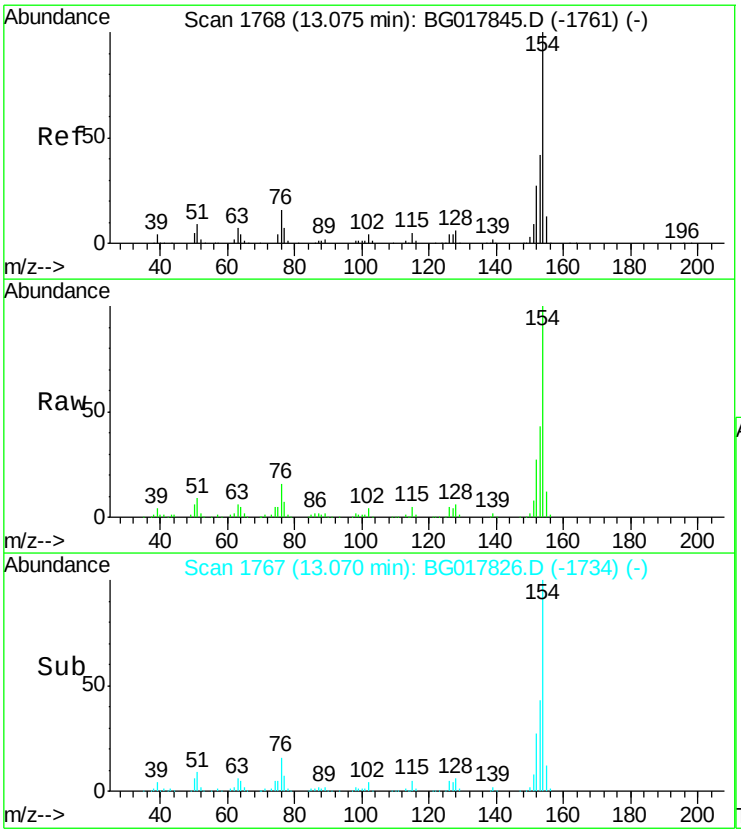
#38
2,4,6-Trichlorophenol
Concen: 13.42 ng/ul
RT: 12.66 min Scan# 1698
Delta R.T. 0.00 min
Lab File: BG017826.D
Acq: 13 Jul 2015 16:25

Instrument :
BNA_G
ClientSampleId :
X1Y22

Tgt Ion:196 Resp: 35987

Ion	Ratio	Lower	Upper
196	100		
198	89.2	73.0	109.4
200	32.2	20.6	31.0#

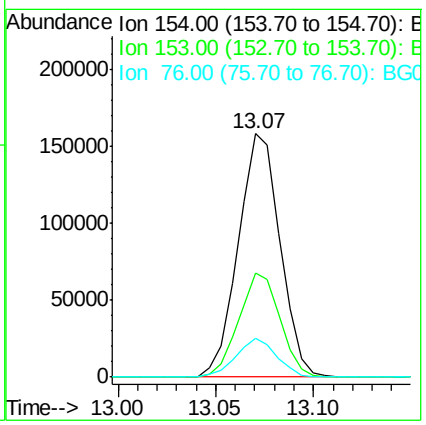


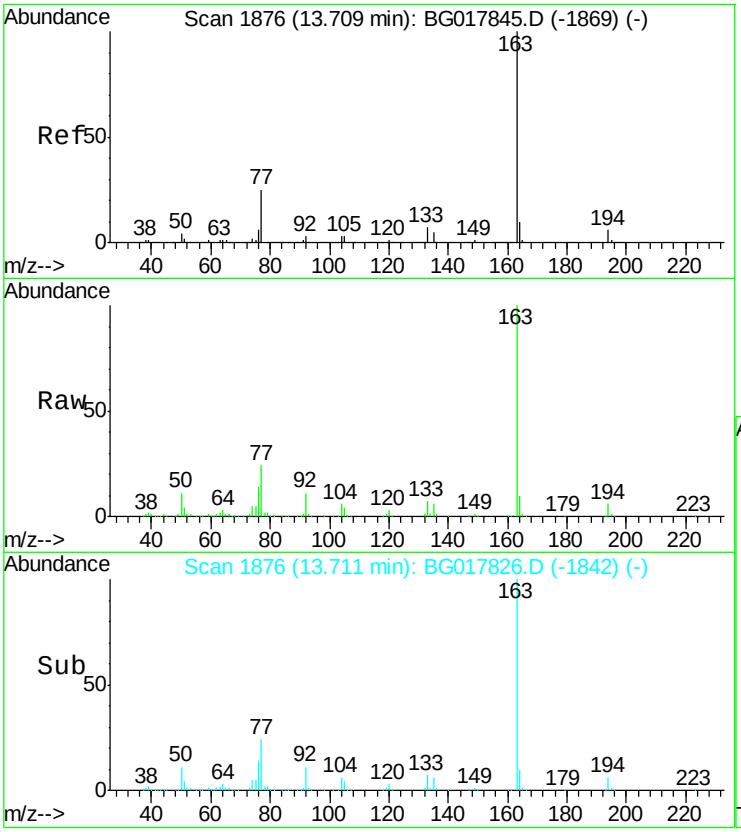


#40
1,1'-Biphenyl
Concen: 20.30 ng/ul
RT: 13.07 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BG017826.D
Acq: 13 Jul 2015 16:25

Tgt Ion:154 Resp: 234036

Ion	Ratio	Lower	Upper
154	100		
153	42.9	33.0	49.6
76	15.7	11.9	17.9



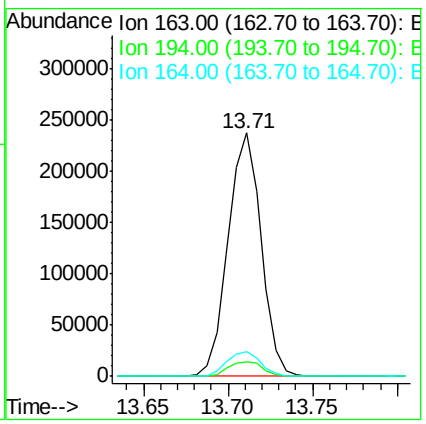


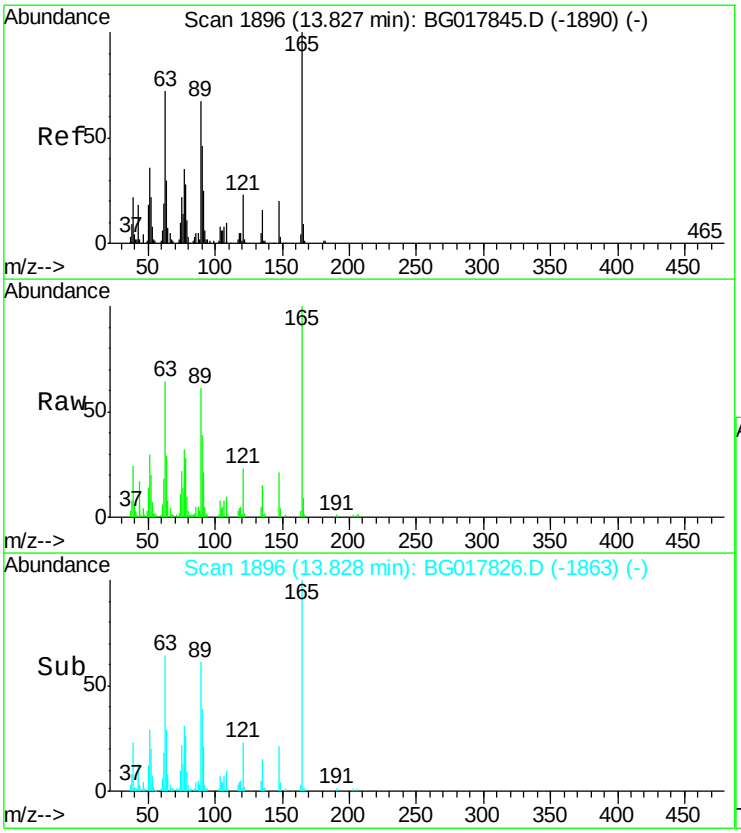
#44
Dimethylphthalate
Concen: 27.53 ng/ul
RT: 13.71 min Scan# 1876
Delta R.T. 0.00 min
Lab File: BG017826.D
Acq: 13 Jul 2015 16:25

Instrument :
BNA_G
ClientSampleId :
X1Y22

Tgt Ion:163 Resp: 322334

Ion	Ratio	Lower	Upper
163	100		
194	5.8	5.3	7.9
164	10.1	8.0	12.0

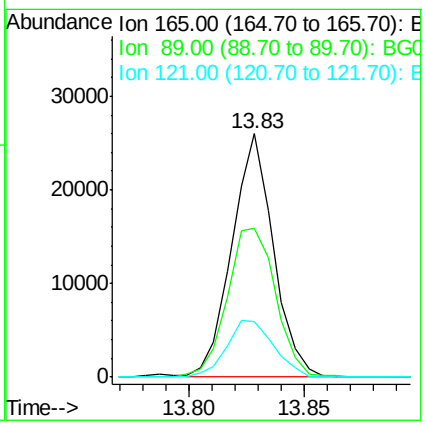


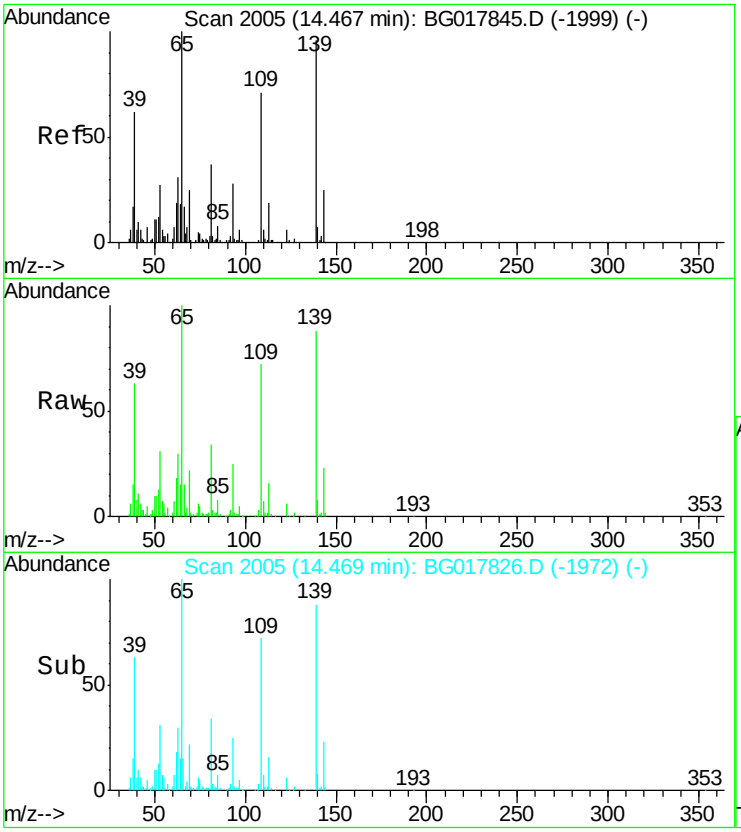


#45
2,6-Dinitrotoluene
Concen: 13.34 ng/ul
RT: 13.83 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BG017826.D
Acq: 13 Jul 2015 16:25

Tgt Ion:165 Resp: 32521

Ion	Ratio	Lower	Upper
165	100		
89	61.1	47.8	71.8
121	22.9	17.2	25.8



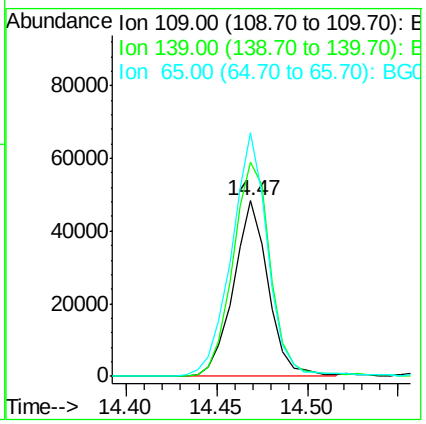


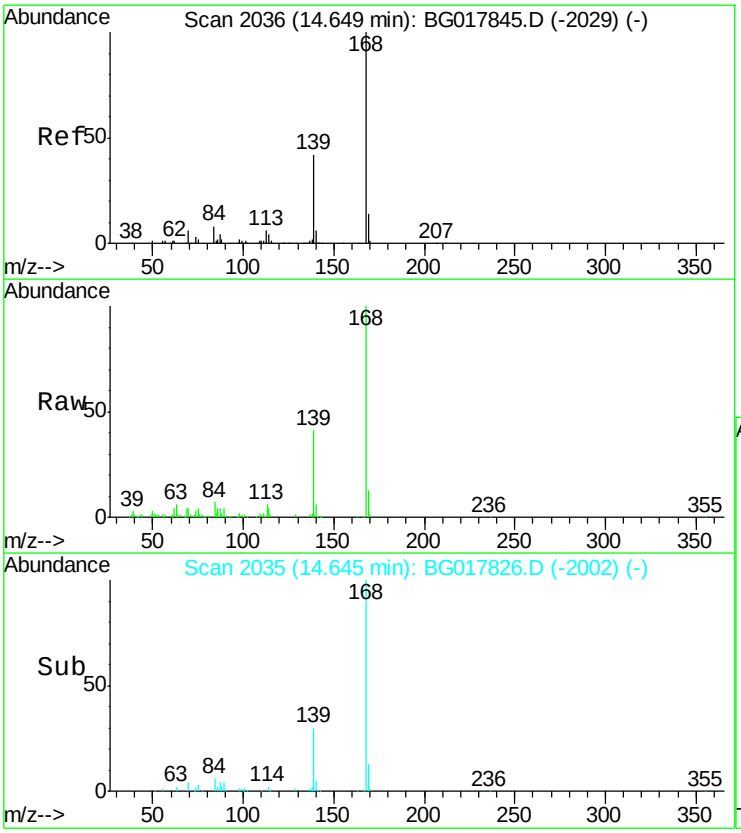
#52
4-Nitrophenol
Concen: 32.88 ng/ul
RT: 14.47 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BG017826.D
Acq: 13 Jul 2015 16:25

Instrument :
BNA_G
ClientSampleId :
X1Y22

Tgt Ion:109 Resp: 64508

Ion	Ratio	Lower	Upper
109	100		
139	121.8	109.0	163.6
65	138.8	110.6	166.0

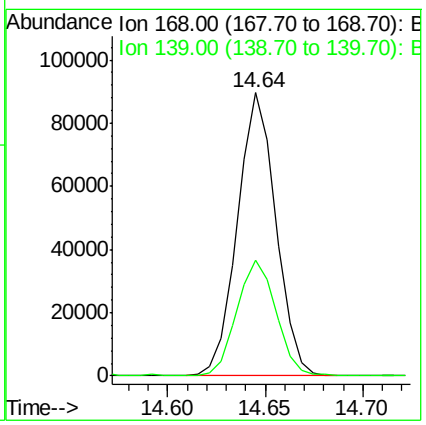


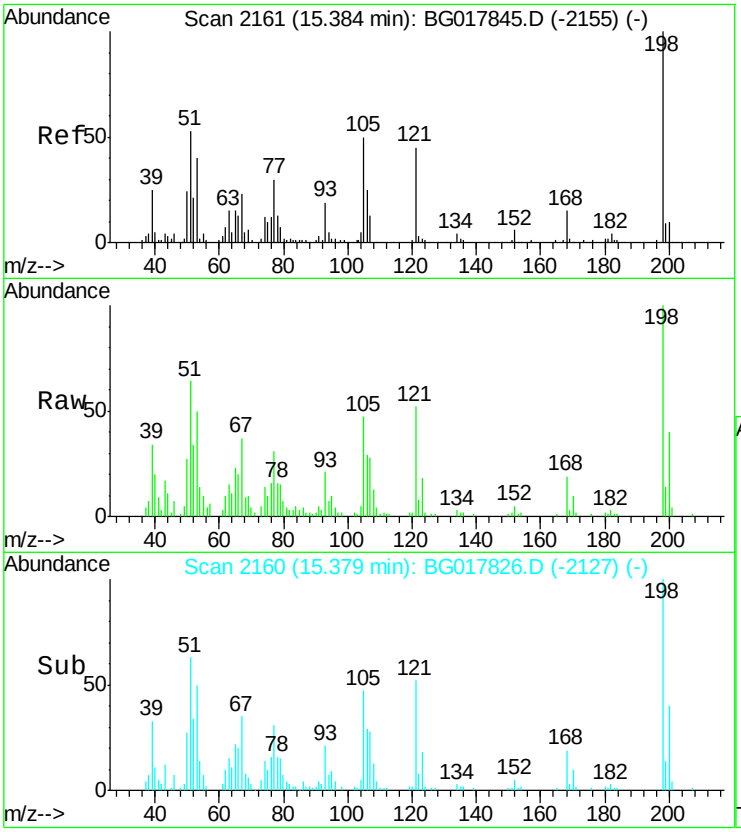


#53
Dibenzofuran
Concen: 8.98 ng/ul
RT: 14.64 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG017826.D
Acq: 13 Jul 2015 16:25

Tgt Ion:168 Resp: 122195

Ion	Ratio	Lower	Upper
168	100		
139	41.1	32.4	48.6



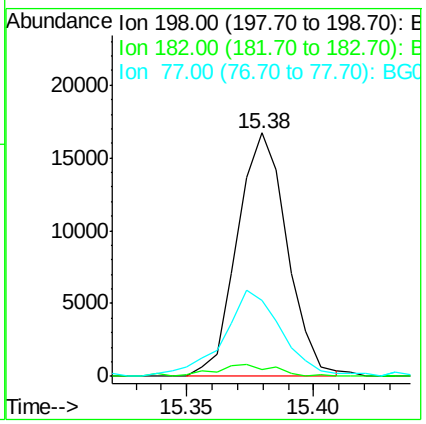


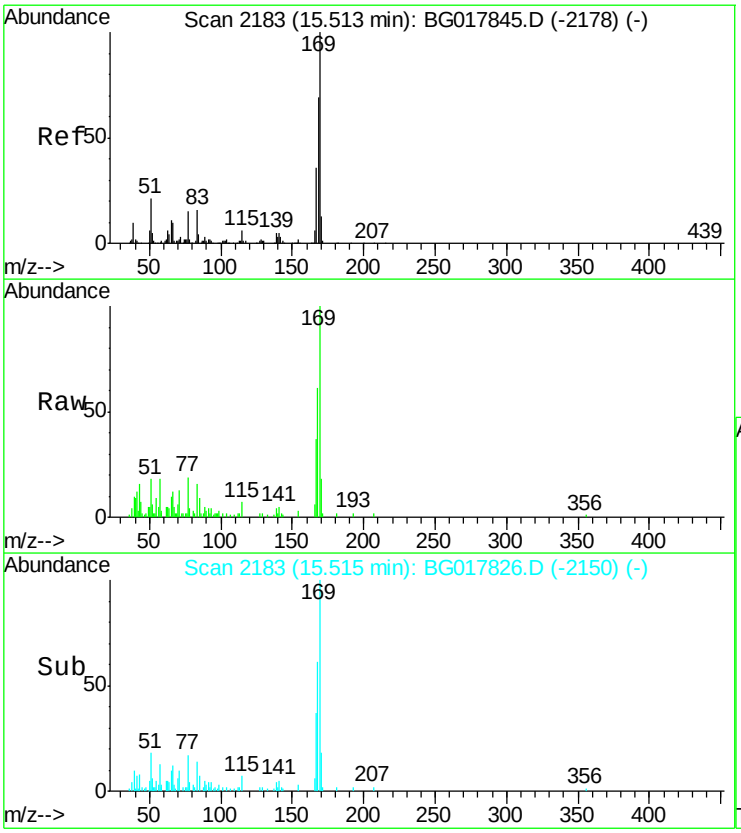
#63
4,6-Dinitro-2-methylphenol
Concen: 11.85 ng/ul
RT: 15.38 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG017826.D
Acq: 13 Jul 2015 16:25

Instrument :
BNA_G
ClientSampleId :
X1Y22

Tgt Ion:198 Resp: 22917

Ion	Ratio	Lower	Upper
198	100		
182	3.1	2.4	3.6
77	31.2	19.9	29.9#

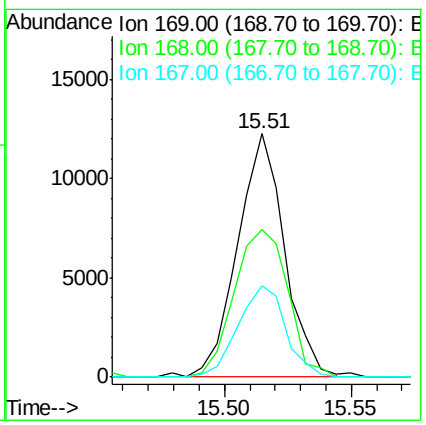


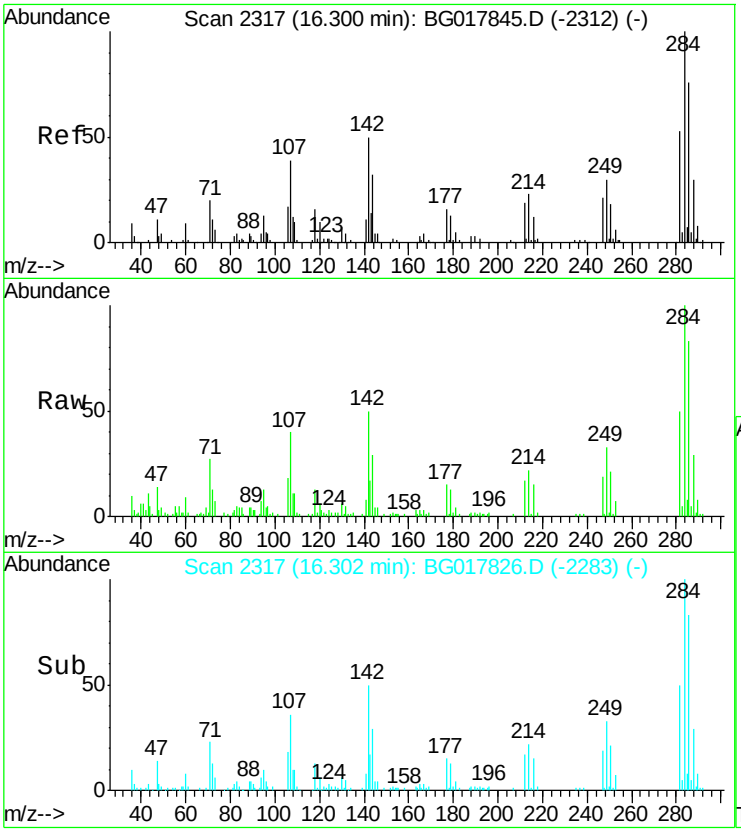


#64
N-Nitrosodiphenylamine
Concen: 1.68 ng/ul
RT: 15.51 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BG017826.D
Acq: 13 Jul 2015 16:25

Tgt Ion:169 Resp: 15812

Ion	Ratio	Lower	Upper
169	100		
168	60.7	55.3	82.9
167	37.4	28.9	43.3



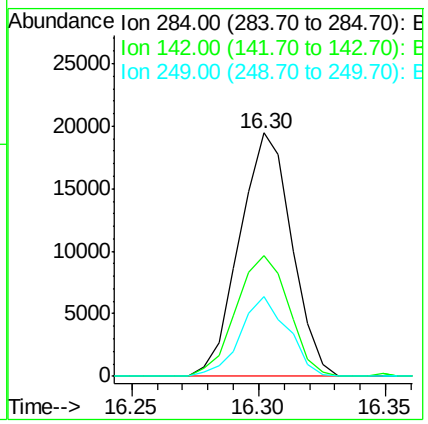


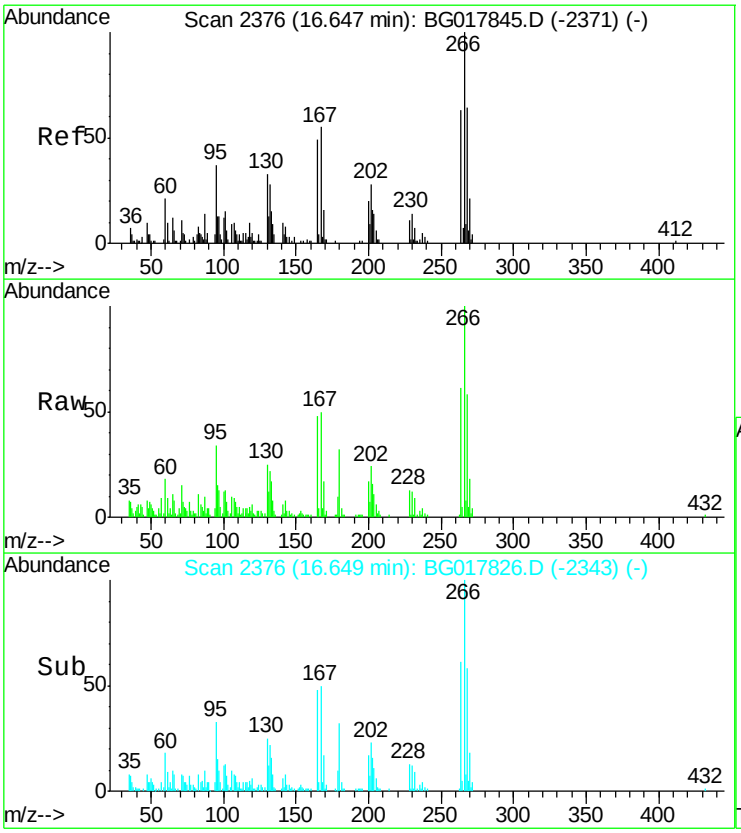
#66
Hexachlorobenzene
Concen: 8.63 ng/ul
RT: 16.30 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BG017826.D
Acq: 13 Jul 2015 16:25

Instrument :
BNA_G
ClientSampleId :
X1Y22

Tgt Ion:284 Resp: 27909

Ion	Ratio	Lower	Upper
284	100		
142	46.2	31.8	47.6
249	32.3	23.0	34.6

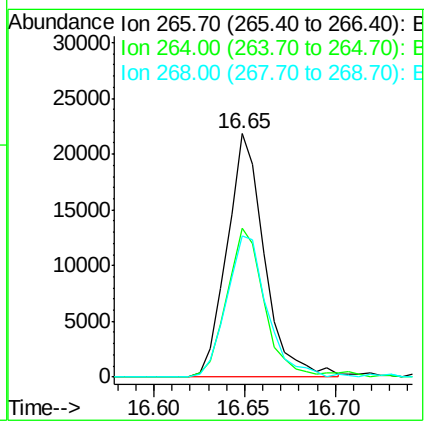


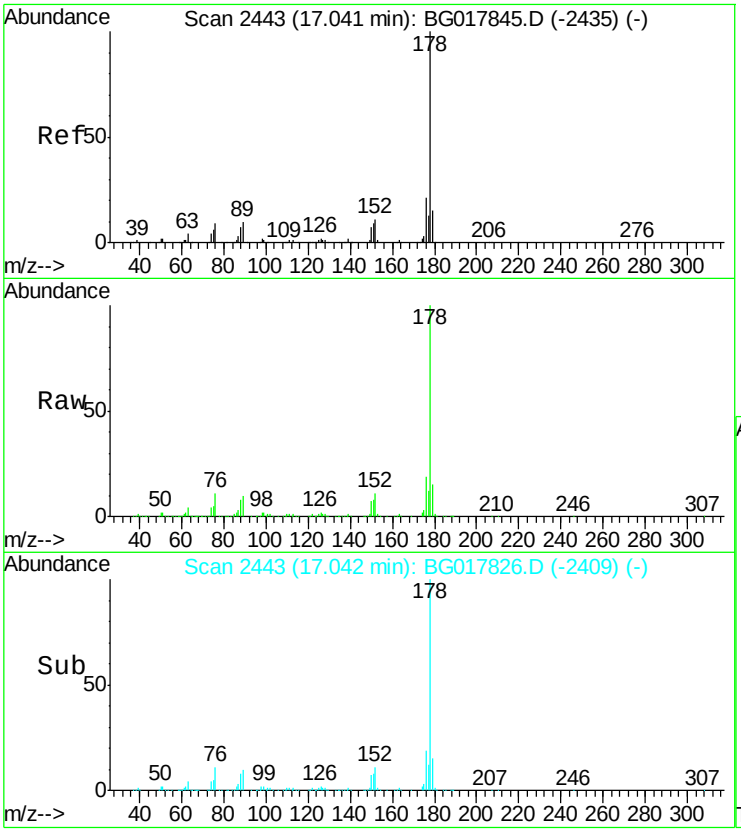


#68
Pentachlorophenol
Concen: 15.63 ng/ul
RT: 16.65 min Scan# 2376
Delta R.T. -0.00 min
Lab File: BG017826.D
Acq: 13 Jul 2015 16:25

Tgt Ion:266 Resp: 31377

Ion	Ratio	Lower	Upper
266	100		
264	65.9	48.2	72.4
268	58.0	51.9	77.9



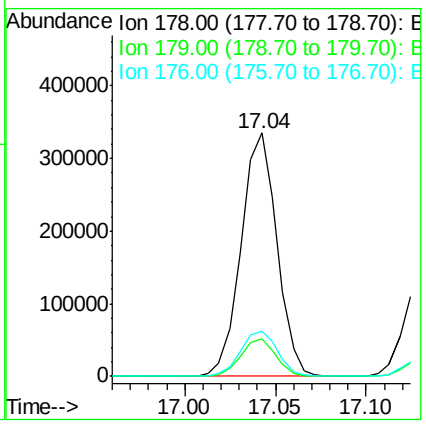


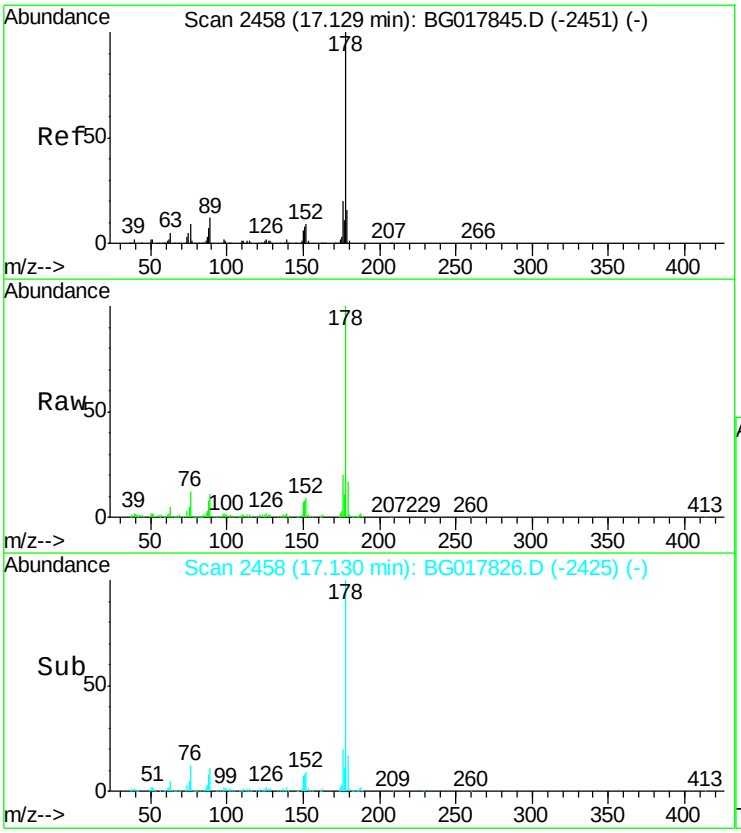
#69
Phenanthrene
Concen: 27.08 ng/ul
RT: 17.04 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG017826.D
Acq: 13 Jul 2015 16:25

Instrument :
BNA_G
ClientSampleId :
X1Y22

Tgt Ion:178 Resp: 456752

Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.3	16.9
176	18.6	15.5	23.3

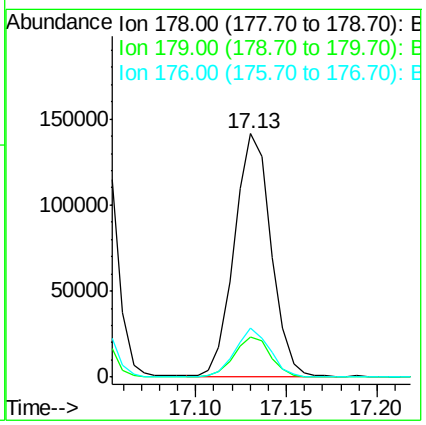


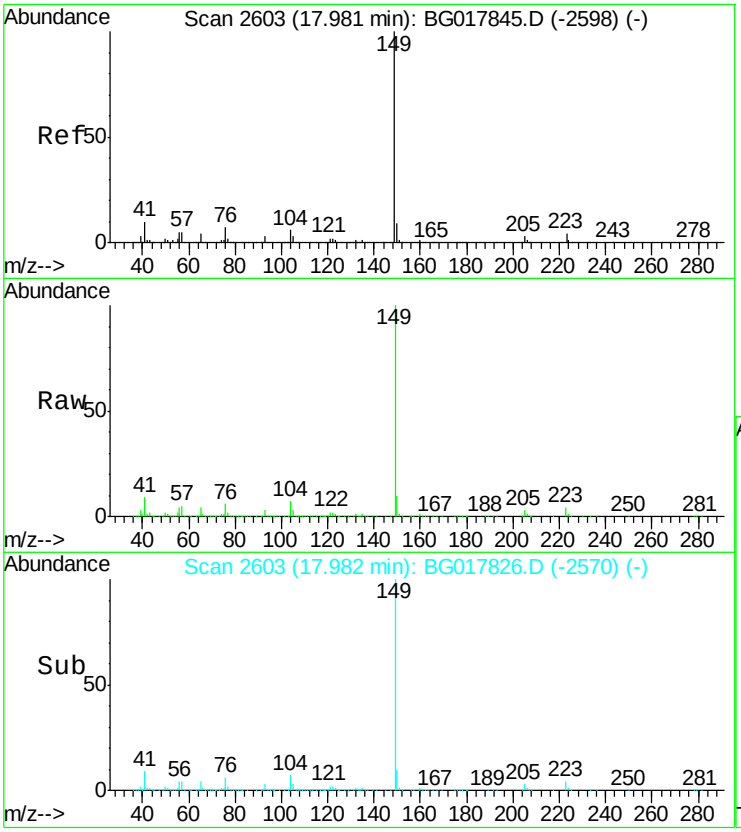


#71
Anthracene
Concen: 11.42 ng/ul
RT: 17.13 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BG017826.D
Acq: 13 Jul 2015 16:25

Tgt Ion:178 Resp: 197844

Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.0	19.6
176	19.9	15.0	22.6



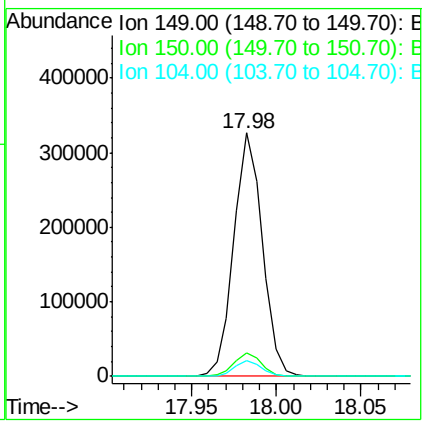


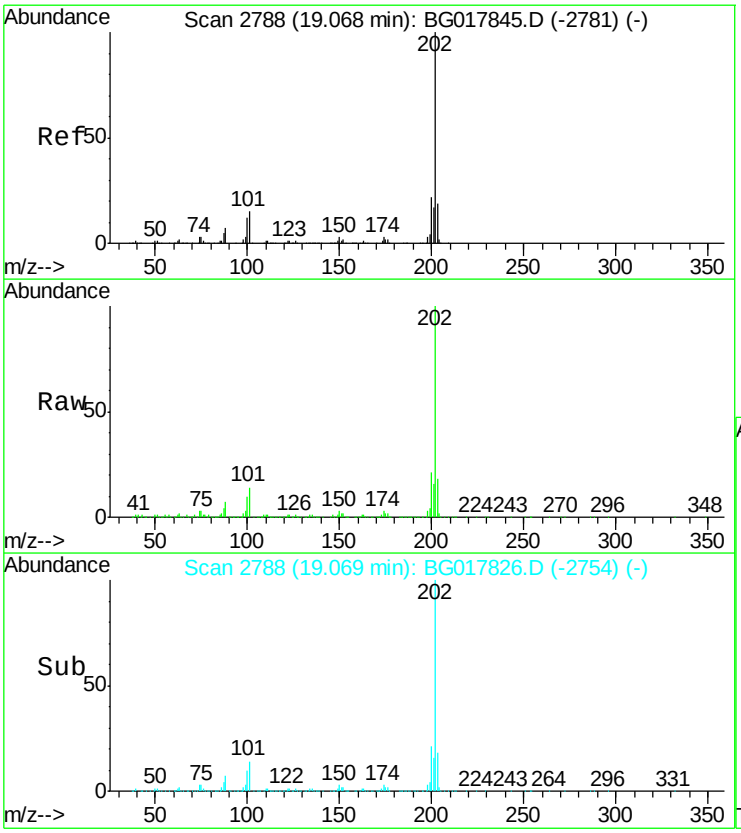
#75
Di-n-butylphthalate
Concen: 18.22 ng/ul
RT: 17.98 min Scan# 2603
Delta R.T. -0.00 min
Lab File: BG017826.D
Acq: 13 Jul 2015 16:25

Instrument :
BNA_G
ClientSampleId :
X1Y22

Tgt Ion:149 Resp: 383723

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.3	10.9
104	6.6	5.4	8.0

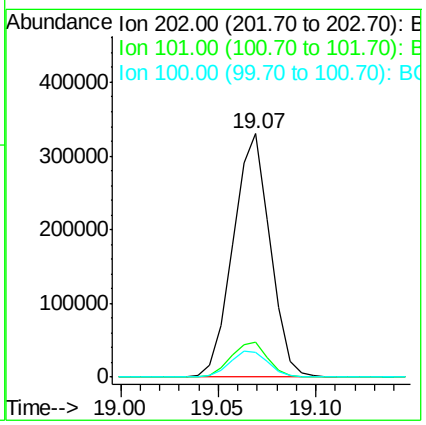


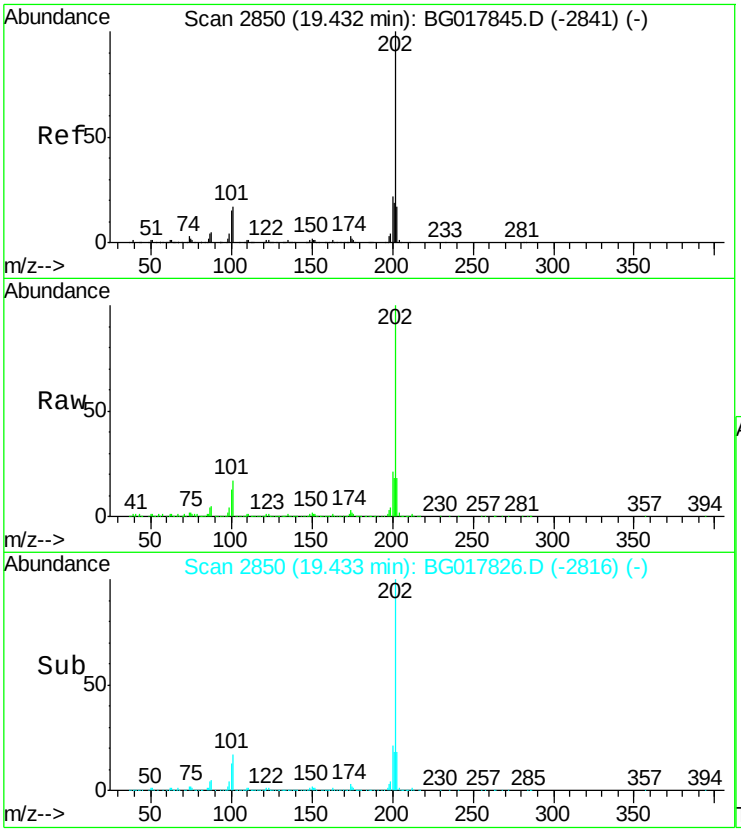


#76
Fluoranthene
Concen: 24.99 ng/ul
RT: 19.07 min Scan# 2788
Delta R.T. 0.00 min
Lab File: BG017826.D
Acq: 13 Jul 2015 16:25

Tgt Ion:202 Resp: 431573

Ion	Ratio	Lower	Upper
202	100		
101	14.1	10.9	16.3
100	10.4	8.6	12.8



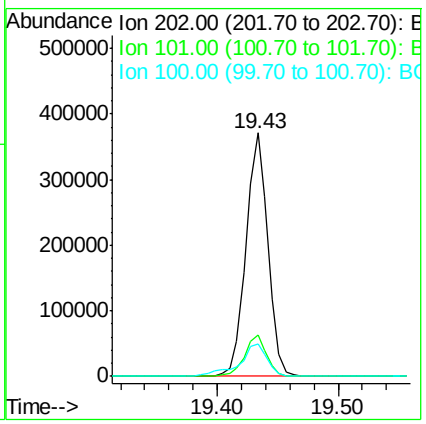


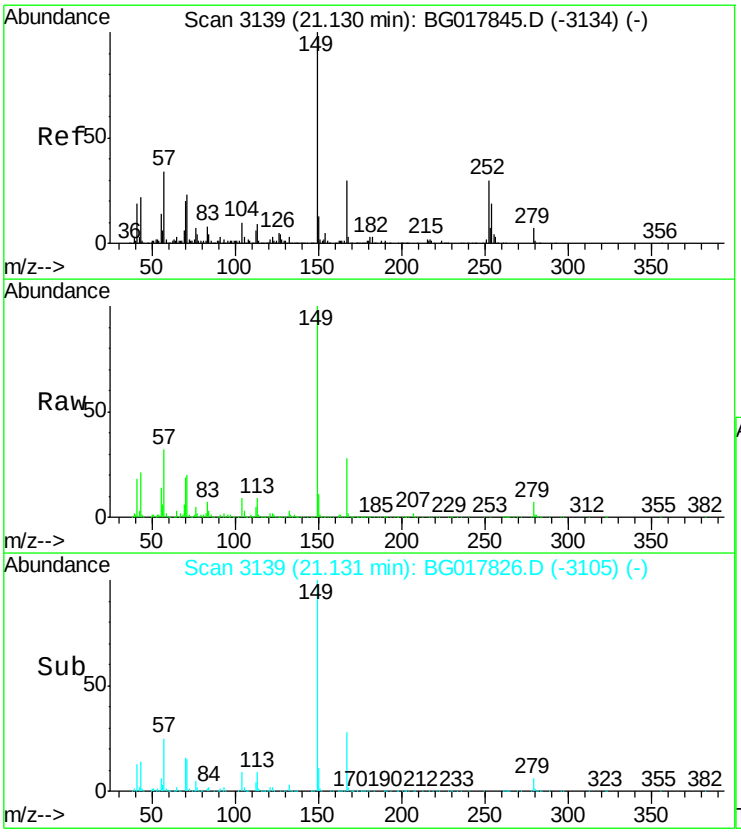
#79
Pyrene
Concen: 24.42 ng/ul
RT: 19.43 min Scan# 2850
Delta R.T. 0.00 min
Lab File: BG017826.D
Acq: 13 Jul 2015 16:25

Instrument :
BNA_G
ClientSampleId :
X1Y22

Tgt Ion:202 Resp: 471503

Ion	Ratio	Lower	Upper
202	100		
101	17.1	13.6	20.4
100	13.4	10.7	16.1

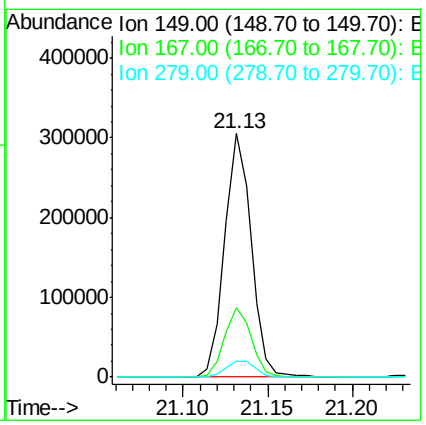


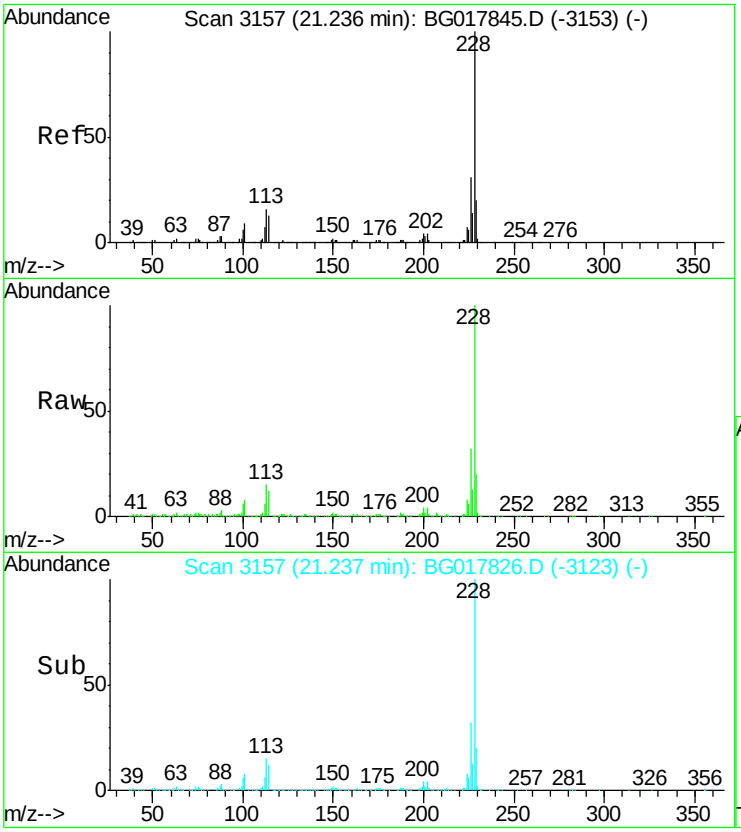


#83
Bis(2-ethylhexyl)phthalate
Concen: 26.80 ng/ul
RT: 21.13 min Scan# 3139
Delta R.T. 0.00 min
Lab File: BG017826.D
Acq: 13 Jul 2015 16:25

Tgt Ion:149 Resp: 333150

Ion	Ratio	Lower	Upper
149	100		
167	28.5	24.9	37.3
279	6.5	6.2	9.2



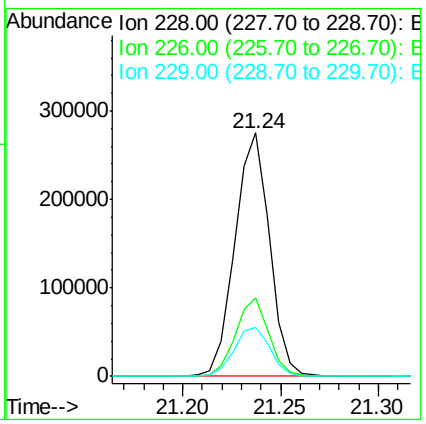


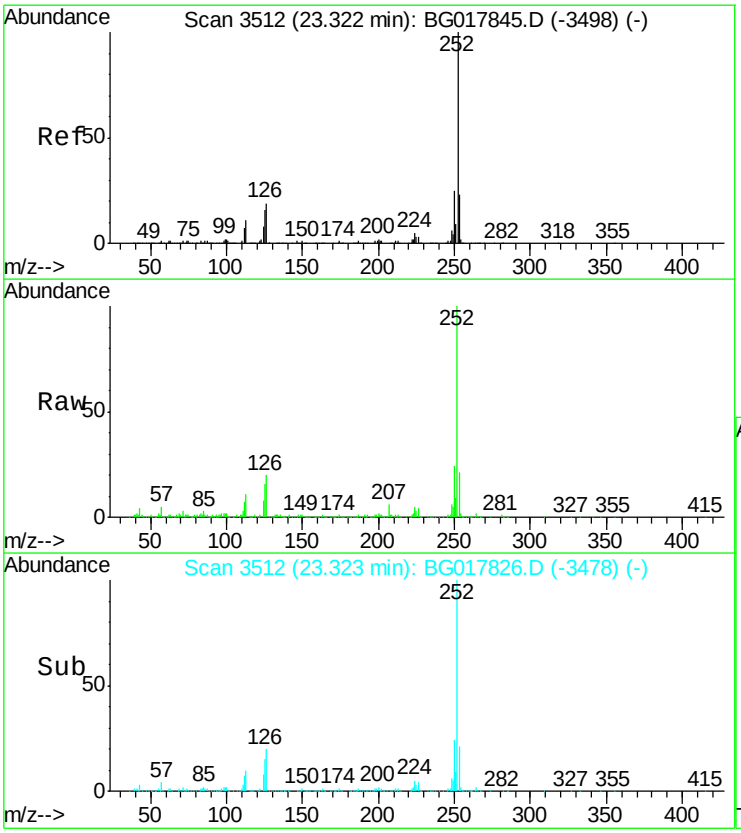
#84
Chrysene
Concen: 20.42 ng/ul
RT: 21.24 min Scan# 3157
Delta R.T. 0.00 min
Lab File: BG017826.D
Acq: 13 Jul 2015 16:25

Instrument :
BNA_G
ClientSampleId :
X1Y22

Tgt Ion:228 Resp: 335567

Ion	Ratio	Lower	Upper
228	100		
226	32.1	23.4	35.2
229	20.0	16.5	24.7

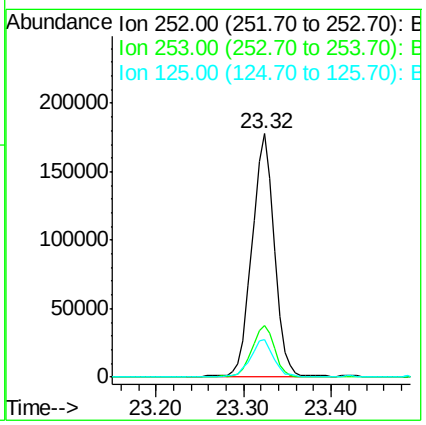


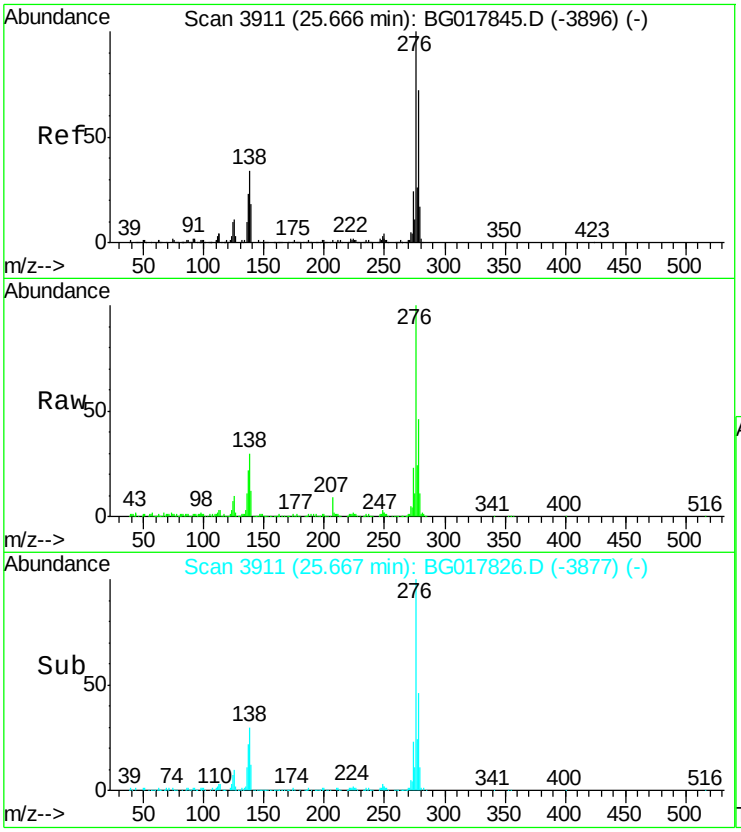


#90
Benzo(a)pyrene
Concen: 18.74 ng/ul
RT: 23.32 min Scan# 3512
Delta R.T. 0.00 min
Lab File: BG017826.D
Acq: 13 Jul 2015 16:25

Tgt Ion:252 Resp: 310889

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.3	25.9
125	15.5	10.8	16.2



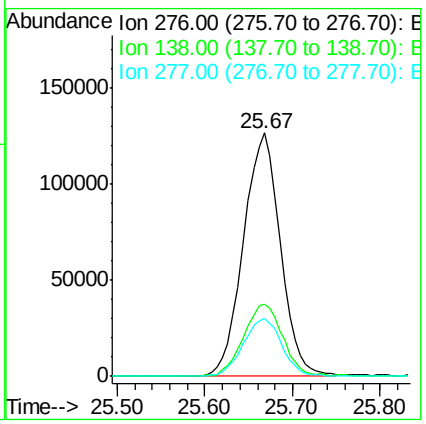


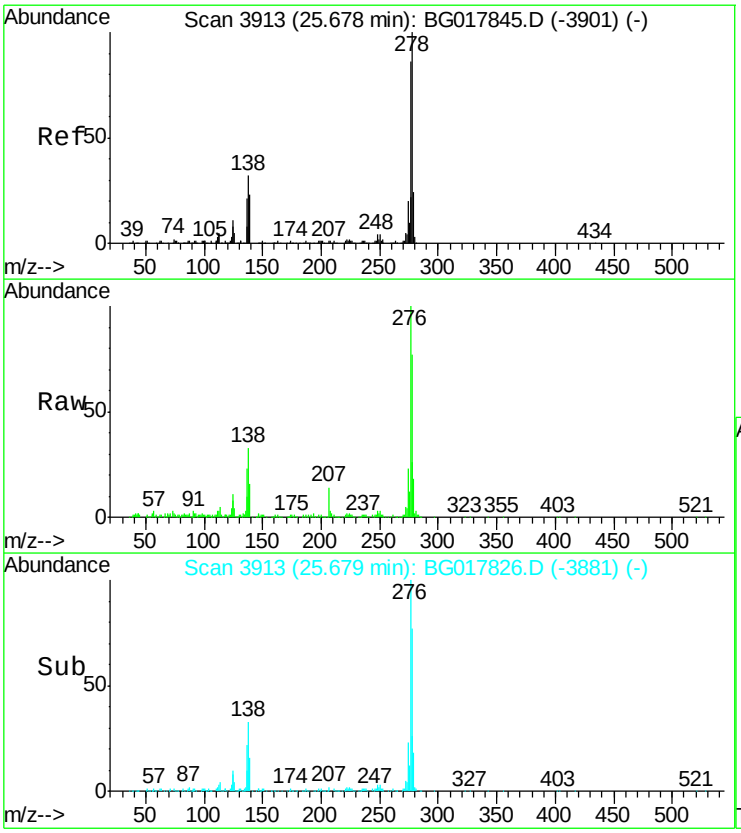
#91
Indeno(1,2,3-cd)pyrene
Concen: 19.58 ng/ul
RT: 25.67 min Scan# 3911
Delta R.T. 0.00 min
Lab File: BG017826.D
Acq: 13 Jul 2015 16:25

Instrument :
BNA_G
ClientSampleId :
X1Y22

Tgt Ion:276 Resp: 365297

Ion	Ratio	Lower	Upper
276	100		
138	29.6	24.7	37.1
277	23.8	21.8	32.8





#92
Dibenzo(a,h)anthracene
Concen: 12.12 ng/ul
RT: 25.68 min Scan# 3913
Delta R.T. -0.01 min
Lab File: BG017826.D
Acq: 13 Jul 2015 16:25

Tgt Ion:278 Resp: 193896

Ion	Ratio	Lower	Upper
278	100		
139	20.7	17.2	25.8
279	24.0	19.0	28.6