Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020218.D
Acq On : 16 Dec 2015 10:08
Operator : UM/SJ
Sample : G4786-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BQ7

Quant Time: Dec 17 00:40:20 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 17 00:37:15 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	18788	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	84086	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	66082	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	172883	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	197232	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	181496	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	1903	5.59	ng/uL	0.00
5) Phenol-d5	7.25	99	57652	34.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	32700	33.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	44965	37.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	50235	35.46	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	22363	34.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	28044	38.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	55067	37.27	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	61764	37.22	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	193872	36.27	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	222772	35.82	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	35962	37.51	ng/ul	0.00
58) Fluorene-d10	15.72	176	177837	36.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	36553	35.67	ng/ul	0.00
71) Anthracene-d10	17.57	188	298346	37.45	ng/ul	0.00
79) Pyrene-d10	19.85	212	339803	36.96	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	354987	39.21	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.23	77	2699	2.52	ng/ul	96
10) 2-Chlorophenol	7.66	128	48283	38.26	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.63	45	88747	50.62	ng/ul	99
14) Acetophenone	8.92	105	81470	36.72	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.80	70	1272	1.08	ng/ul#	1
17) Hexachloroethane	9.19	117	9279	17.50	ng/ul	95
20) Nitrobenzene	9.31	77	96266	55.42	ng/ul	99
23) 2-Nitrophenol	10.02	139	37642	48.13	ng/ul	98
27) 2,4-Dichlorophenol	10.56	162	37697	24.84	ng/ul	93
28) Naphthalene	10.97	128	68052	15.50	ng/ul	99
30) 4-Chloroaniline	11.07	127	3122	1.84	ng/ul	91
33) 4-Chloro-3-methylphenol	12.18	107	89628	49.70	ng/ul	93
35) 1-Methylnaphthalene	12.78	142	144380	44.77	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.92	216	44786	18.06	ng/ul	96
39) 2,4,6-Trichlorophenol	13.16	196	49034	30.82	ng/ul	98
40) 2,4,5-Trichlorophenol	13.16	196	43483	24.59	ng/ul	99
41) 1,1'-Biphenyl	13.56	154	184145	36.94	ng/ul	95
43) 2-Nitroaniline	13.81	65	85184	62.77	ng/ul	96
46) 2,6-Dinitrotoluene	14.30	165	46607	41.27	ng/ul	98
48) Acenaphthylene	14.45	152	316671	47.93	ng/ul	100
50) Acenaphthene	14.79	153	18730	4.21	ng/ul	98
53) 4-Nitrophenol	14.94	109	54928	59.57	ng/ul	96
54) Dibenzofuran	15.13	168	129276	19.55	ng/ul	99

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Data File : BG020218.D
Acq On : 16 Dec 2015 10:08
Operator : UM/SJ
Sample : G4786-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BQ7

Quant Time: Dec 17 00:40:20 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 17 00:37:15 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
55) 2,4-Dinitrotoluene	15.09	165	81682	49.28	ng/ul	96
57) Diethylphthalate	15.54	149	260347	45.95	ng/ul	98
59) Fluorene	15.77	166	43939	8.27	ng/ul	99
65) N-Nitrosodiphenylamine	15.98	169	244489	50.86	ng/ul	98
67) Hexachlorobenzene	16.78	284	88953	40.82	ng/ul	91
69) Pentachlorophenol	17.12	266	57906	44.07	ng/ul	95
70) Phenanthrene	17.51	178	299364	31.66	ng/ul	99
72) Anthracene	17.51	178	299364	31.21	ng/ul	99
76) Di-n-butylphthalate	18.42	149	381715	40.76	ng/ul	99
80) Pyrene	19.88	202	185721	15.56	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.64	252	40668	11.29	ng/ul	94
83) Benzo(a)anthracene	21.72	228	454193	39.47	ng/ul	99
85) Chrysene	21.72	228	454193	41.90	ng/ul	98
87) Di-n-octyl phthalate	22.85	149	279168	27.99	ng/ul	100
88) Benzo(b)fluoranthene	23.98	252	353996	32.41	ng/ul	98
89) Benzo(k)fluoranthene	23.98	252	353996	33.77	ng/ul	98
91) Benzo(a)pyrene	24.86	252	205570	19.85	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	28.82	276	116221	9.42	ng/ul#	70
93) Dibenzo(a,h)anthracene	28.82	278	490484	47.92	ng/ul	98
94) Benzo(g,h,i)perylene	29.92	276	244700	24.21	ng/ul	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
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Acq On : 16 Dec 2015 10:08
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Instrument :
BNA_G
ClientSampleId :
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Quant Time: Dec 17 00:40:20 2015
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Quant Title : SVOA CALIBRATION
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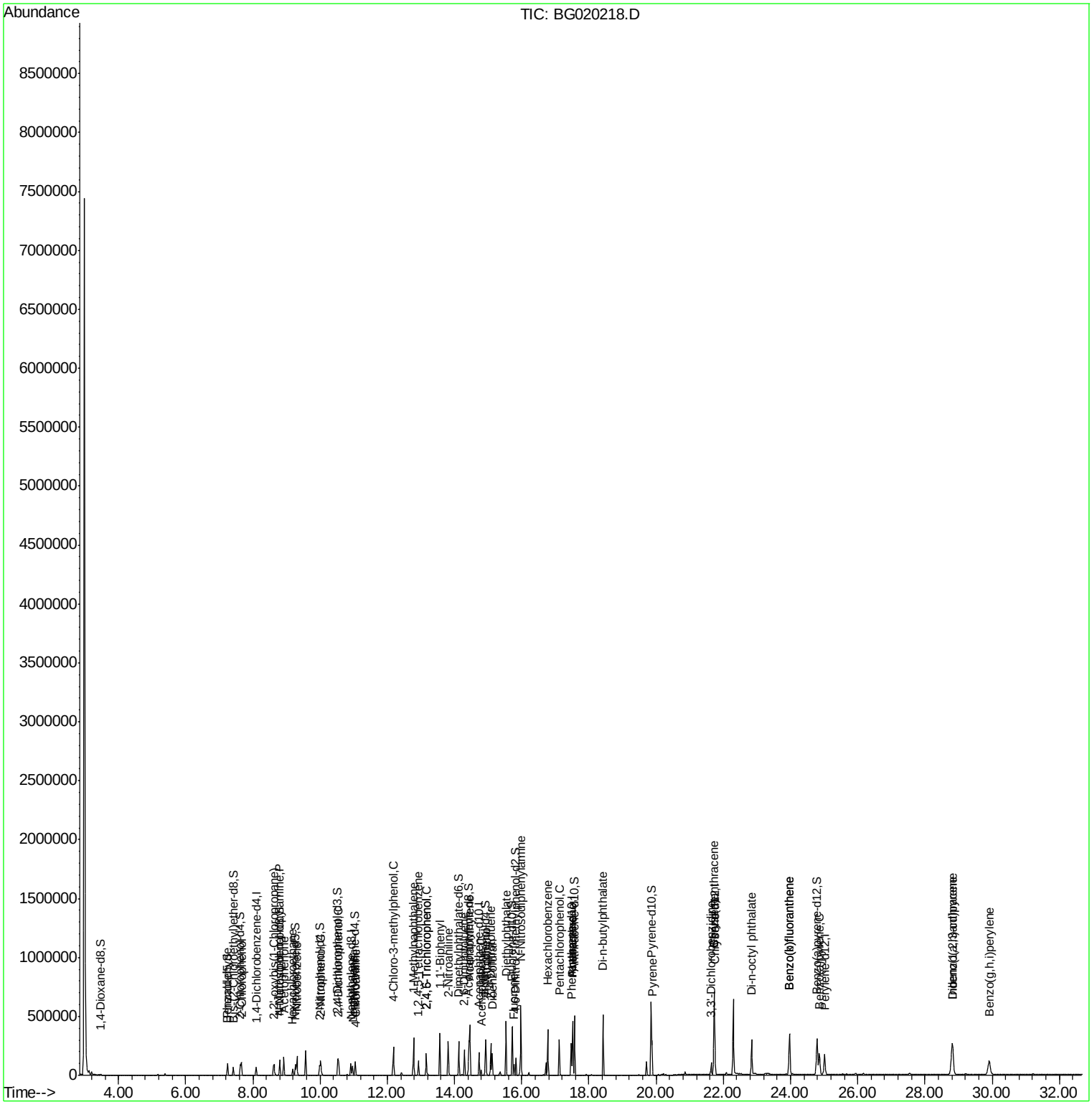
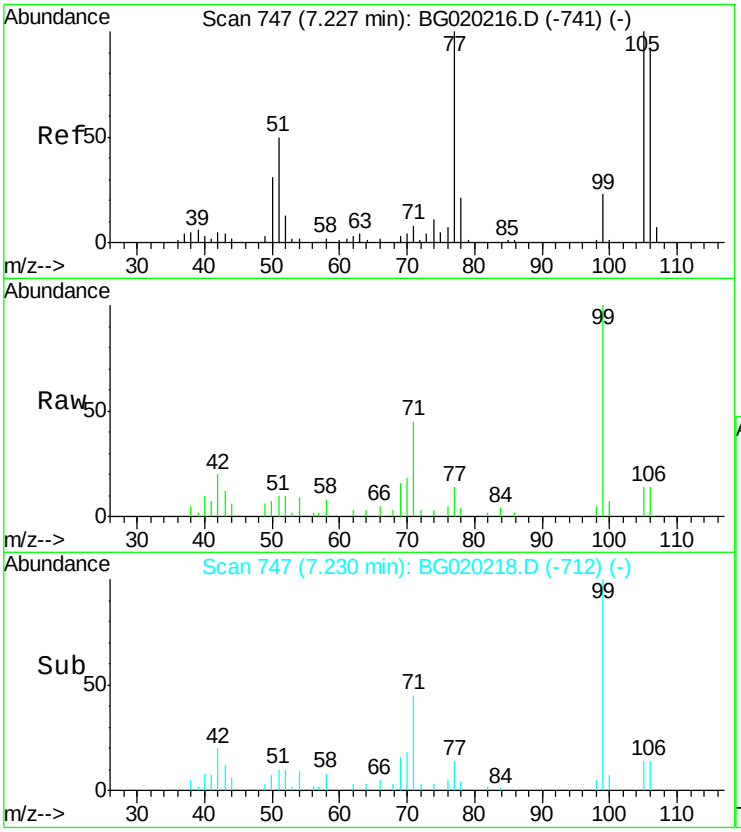
Response via : Initial Calibration



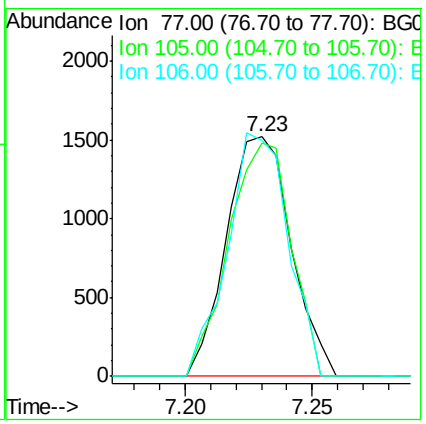


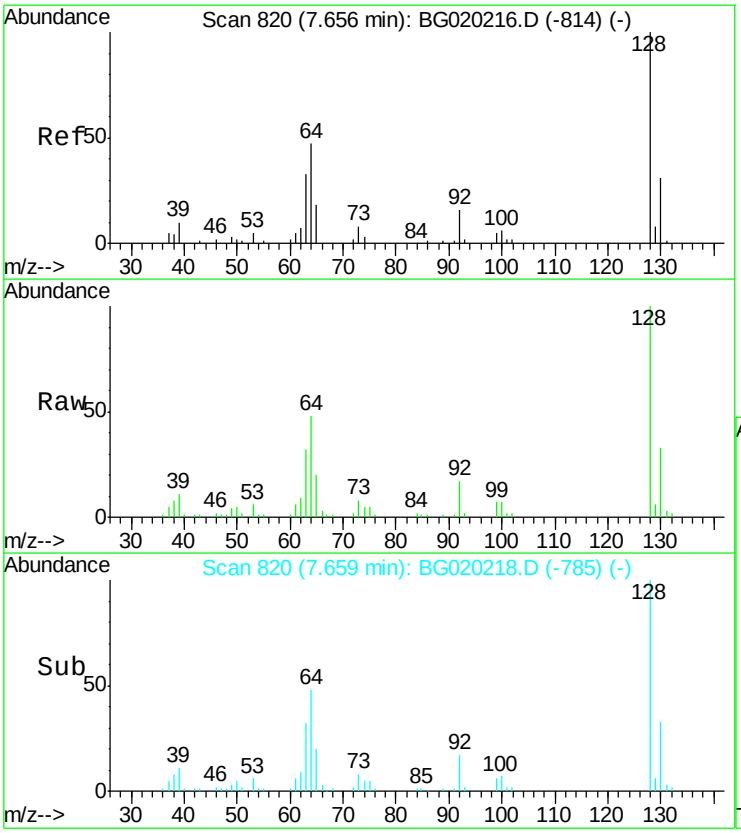
#4
Benzaldehyde
Concen: 2.52 ng/ul
RT: 7.23 min Scan# 747
Delta R.T. 0.00 min
Lab File: BG020218.D
Acq: 16 Dec 2015 10:08

Instrument :
BNA_G
ClientSampleId :
G9BQ7

Tgt Ion: 77 Resp: 2699

Ion	Ratio	Lower	Upper
77	100		
105	97.2	77.8	116.6
106	98.4	72.6	109.0

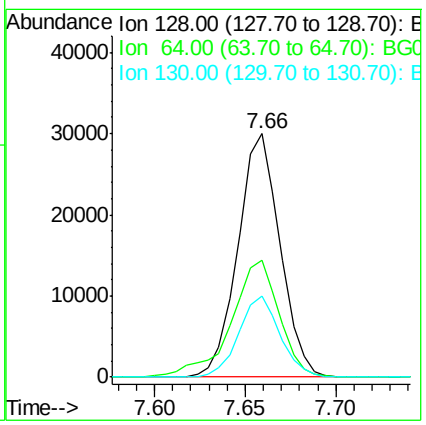


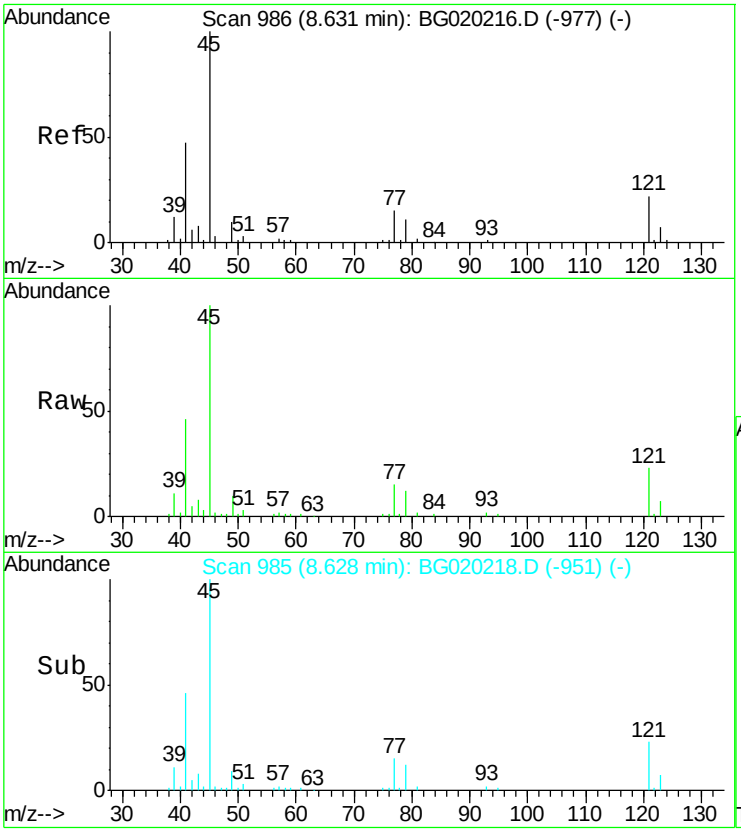


#10
2-Chlorophenol
Concen: 38.26 ng/ul
RT: 7.66 min Scan# 820
Delta R.T. 0.00 min
Lab File: BG020218.D
Acq: 16 Dec 2015 10:08

Tgt Ion:128 Resp: 48283

Ion	Ratio	Lower	Upper
128	100		
64	48.1	39.4	59.0
130	33.1	24.6	36.8



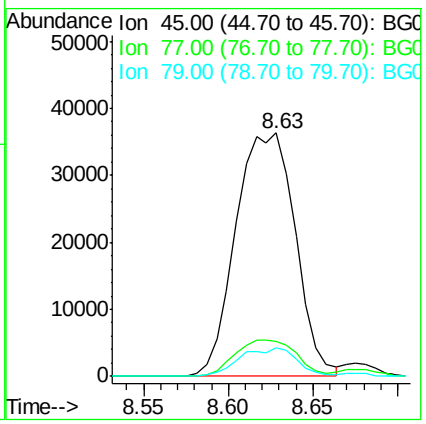


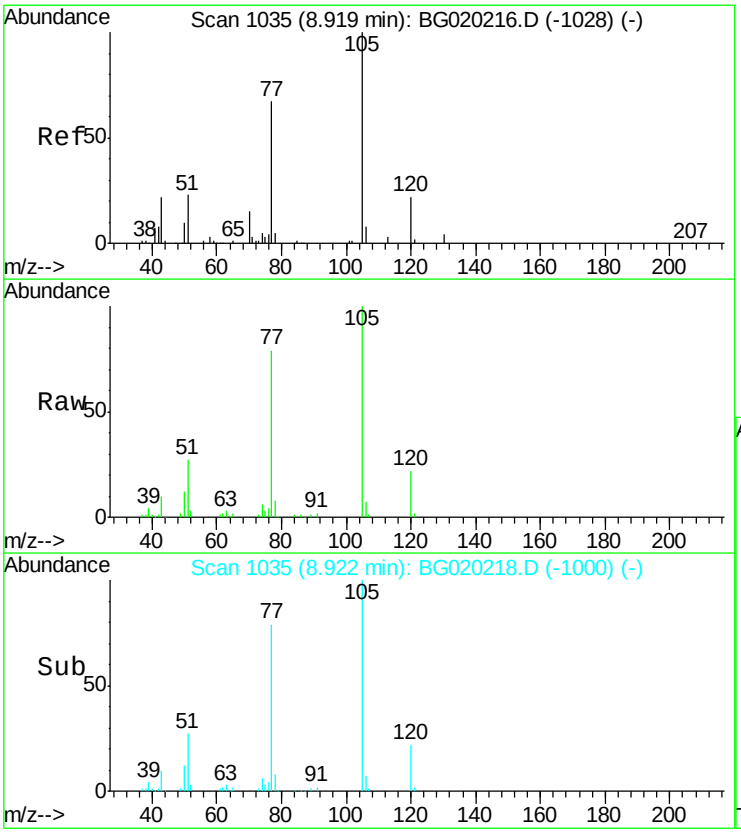
#12
2,2'-oxybis(1-Chloropropane)
Concen: 50.62 ng/ul
RT: 8.63 min Scan# 985
Delta R.T. -0.00 min
Lab File: BG020218.D
Acq: 16 Dec 2015 10:08

Instrument :
BNA_G
ClientSampleId :
G9BQ7

Tgt Ion: 45 Resp: 88747

Ion	Ratio	Lower	Upper
45	100		
77	14.6	12.1	18.1
79	11.6	9.0	13.4

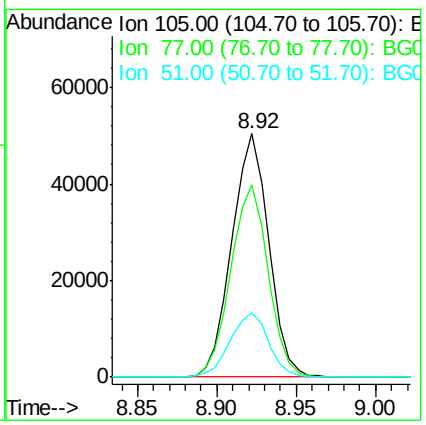


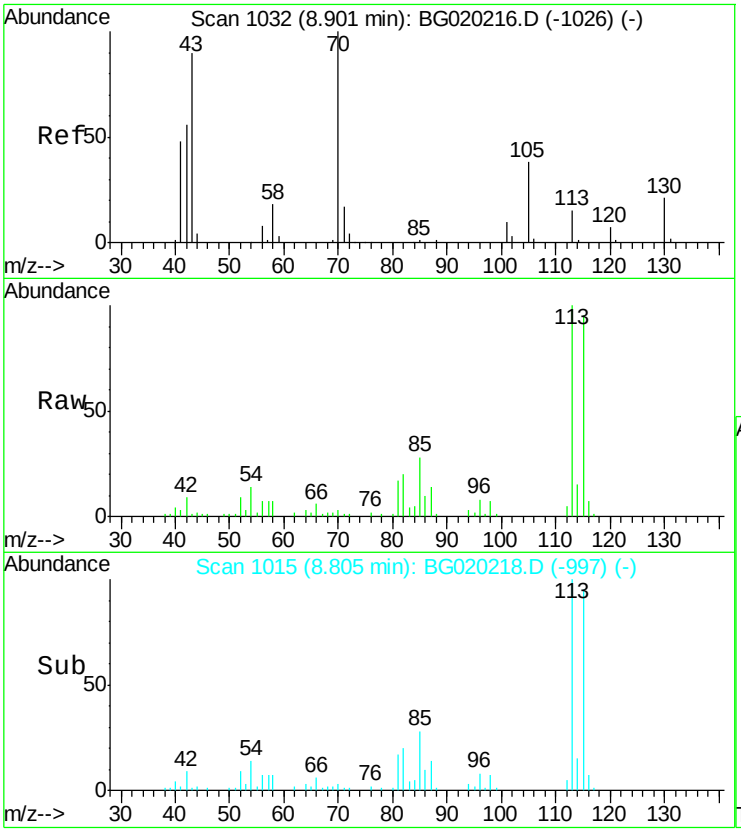


#14
Acetophenone
Concen: 36.72 ng/ul
RT: 8.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BG020218.D
Acq: 16 Dec 2015 10:08

Tgt Ion:105 Resp: 81470

Ion	Ratio	Lower	Upper
105	100		
77	78.9	65.2	97.8
51	26.6	22.6	33.8



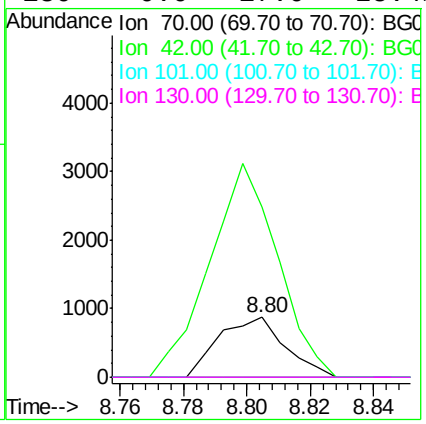


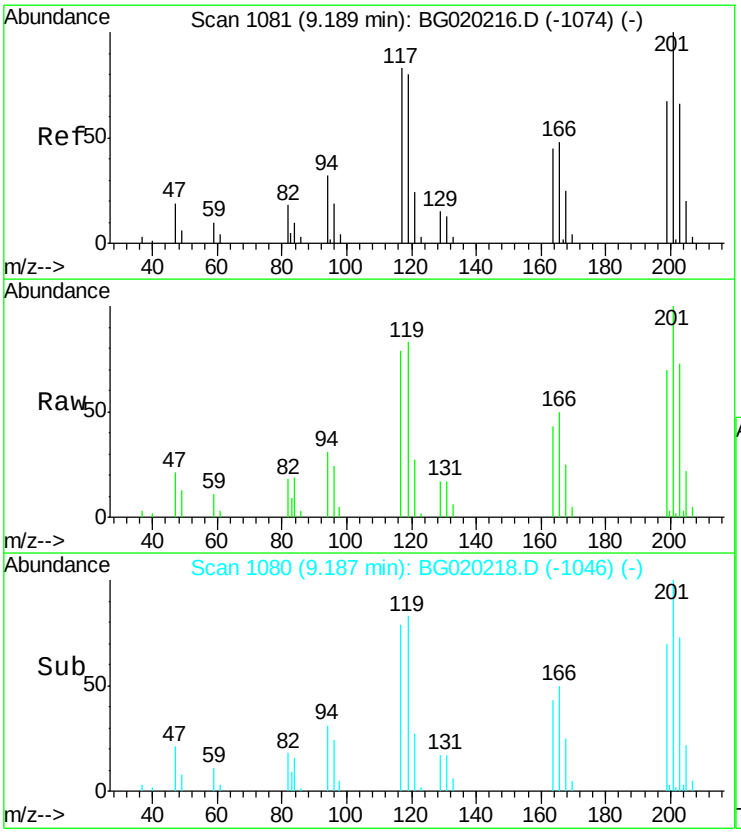
#15
N-Nitroso-di-n-propylamine
Concen: 1.08 ng/ul
RT: 8.80 min Scan# 1015
Delta R.T. -0.10 min
Lab File: BG020218.D
Acq: 16 Dec 2015 10:08

Instrument : BNA_G
ClientSampleId : G9BQ7

Tgt Ion: 70 Resp: 1272

Ion	Ratio	Lower	Upper
70	100		
42	286.1	44.3	66.5#
101	0.0	7.6	11.4#
130	0.0	17.0	25.4#

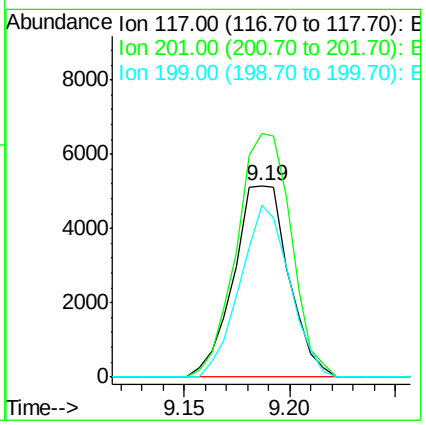


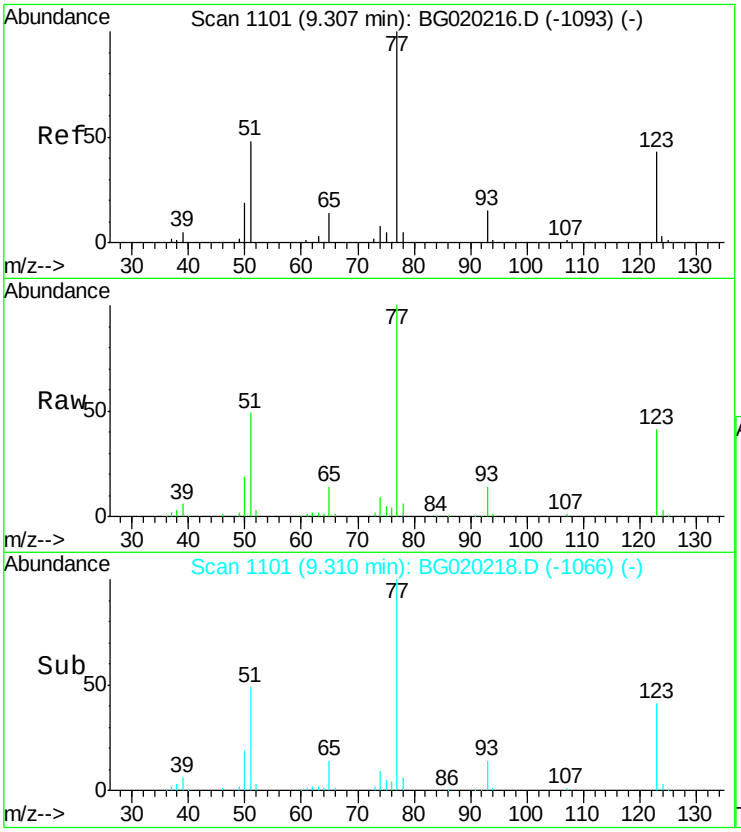


#17
Hexachloroethane
Concen: 17.50 ng/ul
RT: 9.19 min Scan# 1080
Delta R.T. -0.00 min
Lab File: BG020218.D
Acq: 16 Dec 2015 10:08

Tgt Ion:117 Resp: 9279

Ion	Ratio	Lower	Upper
117	100		
201	127.4	102.7	154.1
199	93.5	65.8	98.8



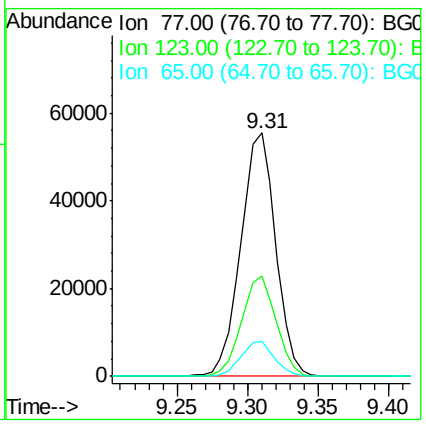


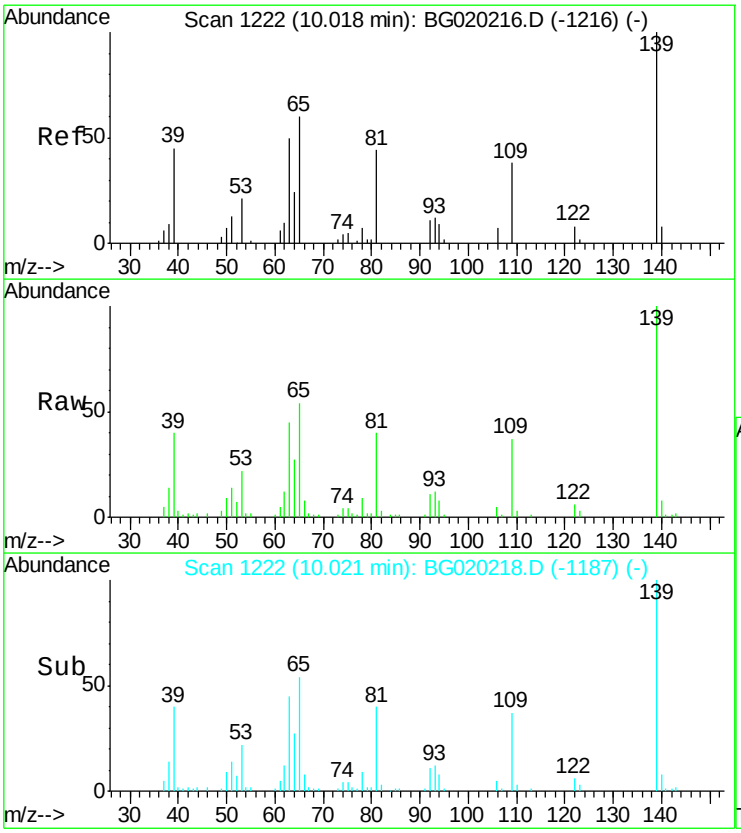
#20
Nitrobenzene
Concen: 55.42 ng/ul
RT: 9.31 min Scan# 1101
Delta R.T. 0.00 min
Lab File: BG020218.D
Acq: 16 Dec 2015 10:08

Instrument :
BNA_G
ClientSampleId :
G9BQ7

Tgt Ion: 77 Resp: 96266

Ion	Ratio	Lower	Upper
77	100		
123	41.1	33.4	50.0
65	14.2	11.7	17.5

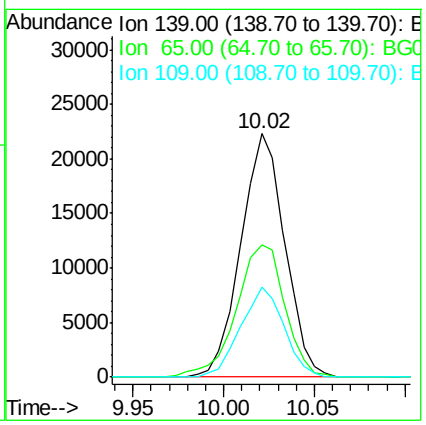


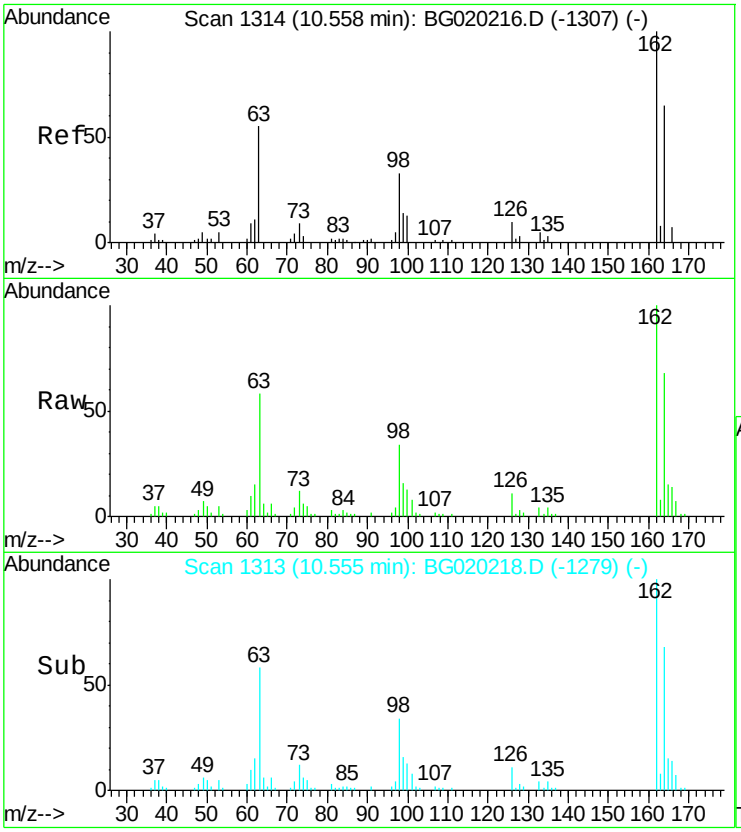


#23
2-Nitrophenol
Concen: 48.13 ng/ul
RT: 10.02 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BG020218.D
Acq: 16 Dec 2015 10:08

Tgt Ion:139 Resp: 37642

Ion	Ratio	Lower	Upper
139	100		
65	54.4	45.1	67.7
109	37.2	29.6	44.4



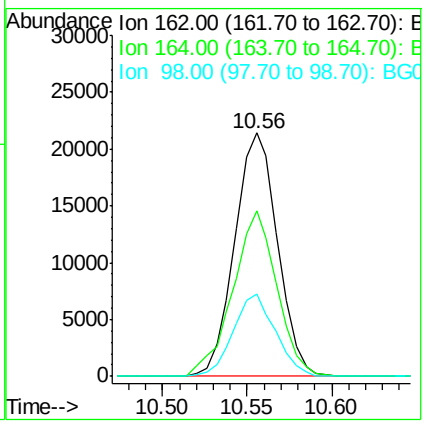


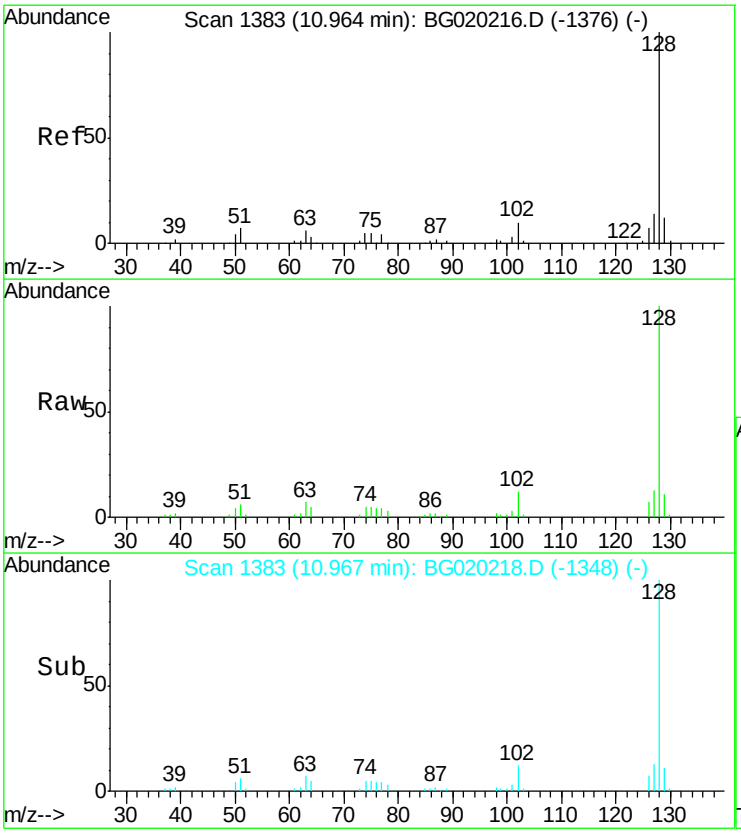
#27
2,4-Dichlorophenol
Concen: 24.84 ng/ul
RT: 10.56 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG020218.D
Acq: 16 Dec 2015 10:08

Instrument :
BNA_G
ClientSampleId :
G9BQ7

Tgt Ion:162 Resp: 37697

Ion	Ratio	Lower	Upper
162	100		
164	67.9	48.2	72.2
98	33.7	27.2	40.8

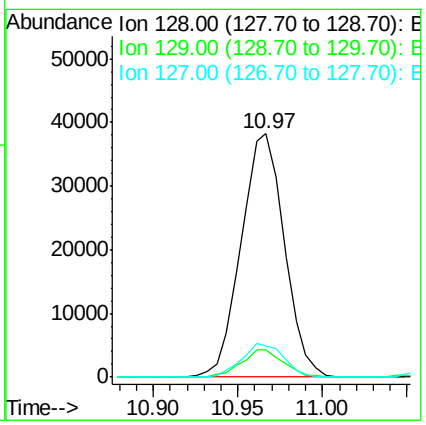


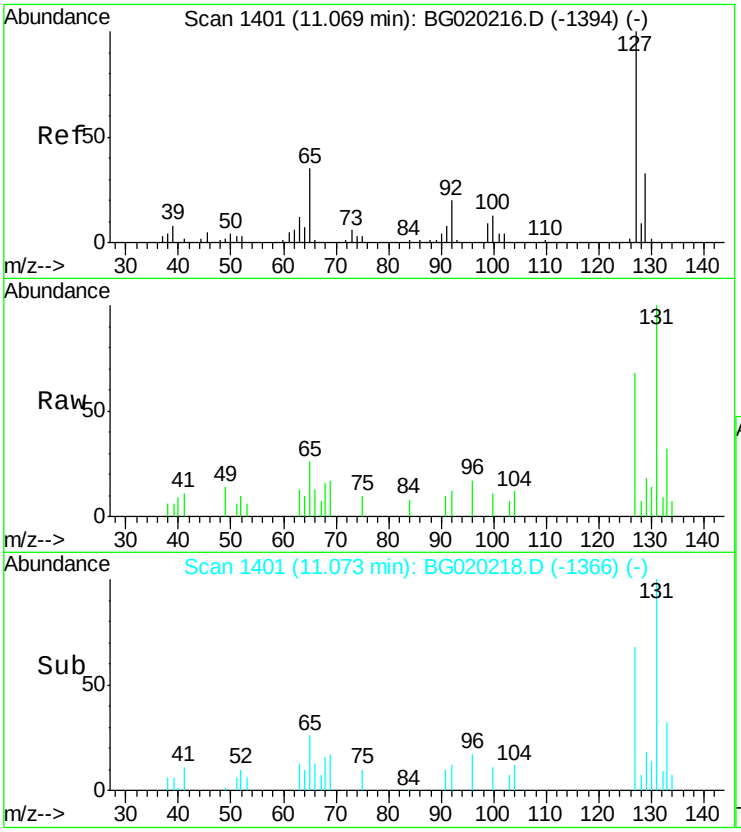


#28
Naphthalene
Concen: 15.50 ng/ul
RT: 10.97 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BG020218.D
Acq: 16 Dec 2015 10:08

Tgt Ion:128 Resp: 68052

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	12.8
127	12.8	10.1	15.1



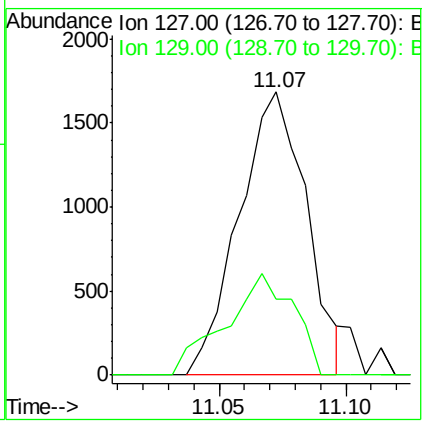


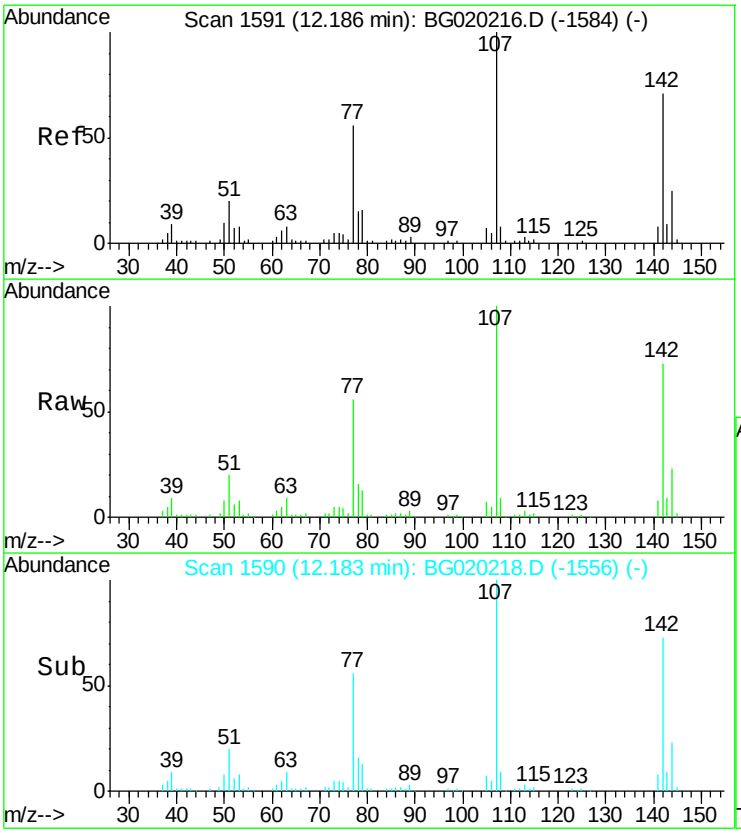
#30
4-Chloroaniline
Concen: 1.84 ng/ul
RT: 11.07 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BG020218.D
Acq: 16 Dec 2015 10:08

Instrument :
BNA_G
ClientSampleId :
G9BQ7

Tgt Ion:127 Resp: 3122

Ion	Ratio	Lower	Upper
127	100		
129	26.9	25.7	38.5

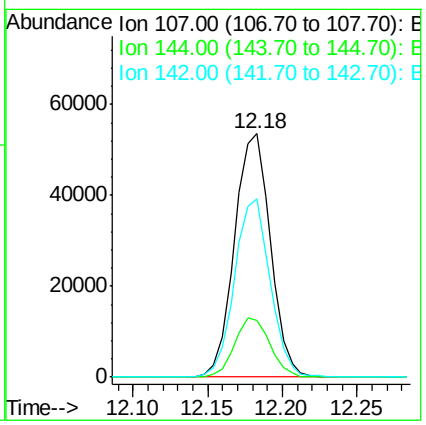


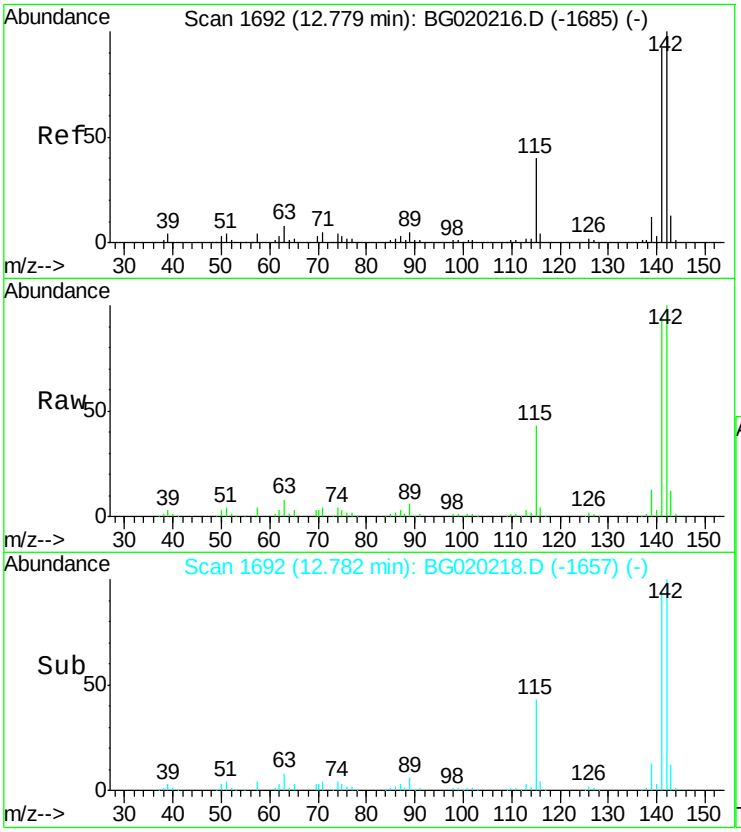


#33
4-Chloro-3-methylphenol
Concen: 49.70 ng/ul
RT: 12.18 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BG020218.D
Acq: 16 Dec 2015 10:08

Tgt Ion:107 Resp: 89628

Ion	Ratio	Lower	Upper
107	100		
144	23.2	18.7	28.1
142	73.4	52.8	79.2



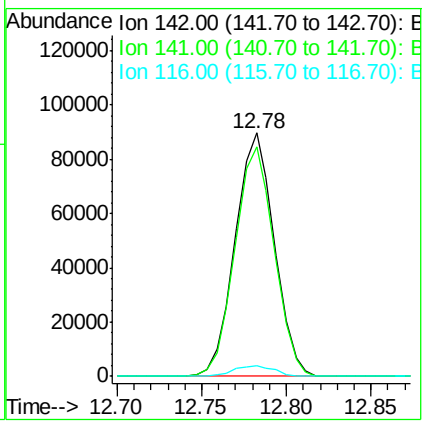


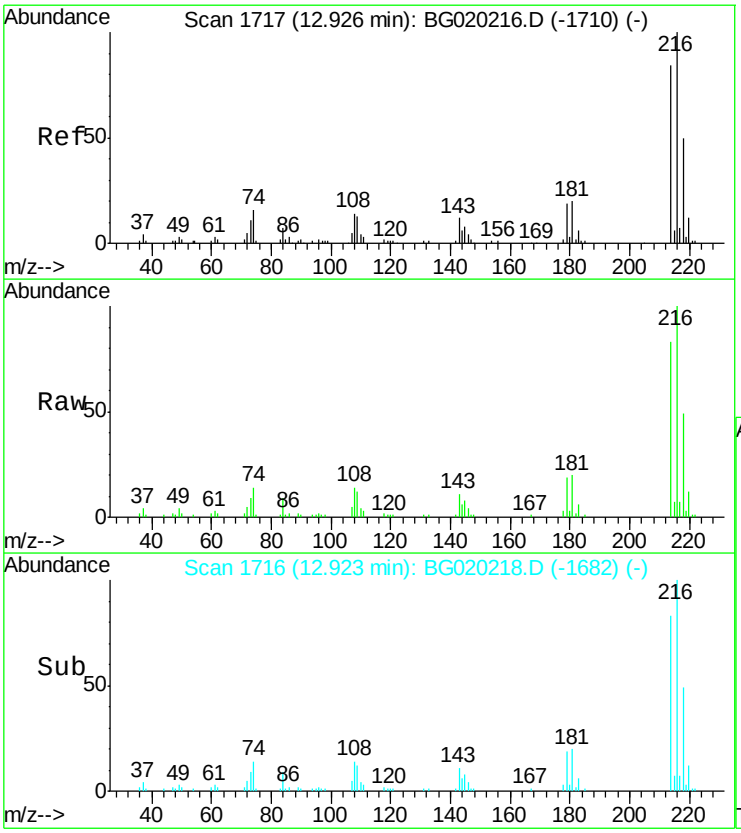
#35
1-Methylnaphthalene
Concen: 44.77 ng/ul
RT: 12.78 min Scan# 1692
Delta R.T. 0.00 min
Lab File: BG020218.D
Acq: 16 Dec 2015 10:08

Instrument :
BNA_G
ClientSampleId :
G9BQ7

Tgt Ion:142 Resp: 144380

Ion	Ratio	Lower	Upper
142	100		
141	94.5	73.0	109.6
116	4.2	3.0	4.6

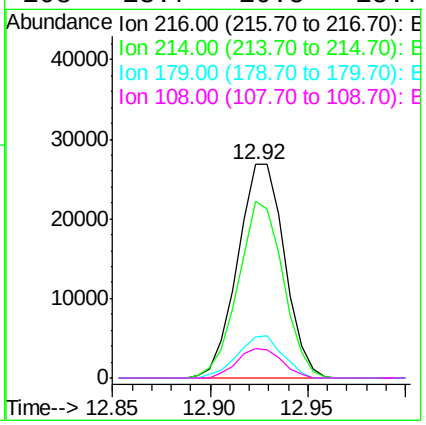


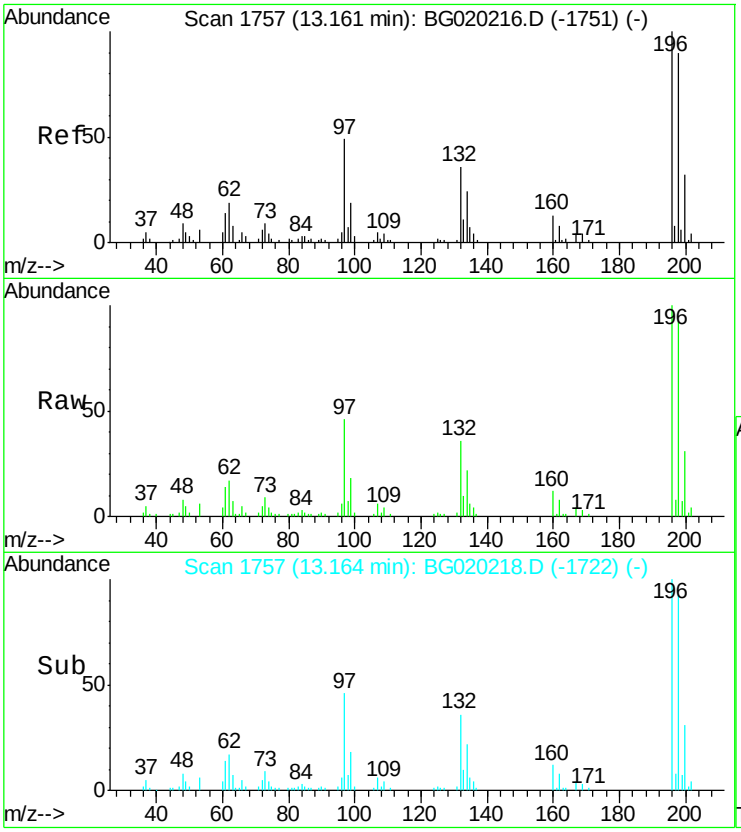


#37
1,2,4,5-Tetrachlorobenzene
Concen: 18.06 ng/ul
RT: 12.92 min Scan# 1716
Delta R.T. -0.00 min
Lab File: BG020218.D
Acq: 16 Dec 2015 10:08

Tgt Ion:216 Resp: 44786

Ion	Ratio	Lower	Upper
216	100		
214	82.6	62.6	93.8
179	19.5	14.7	22.1
108	13.7	10.5	15.7



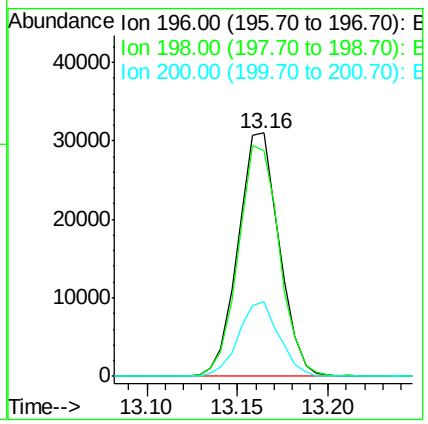


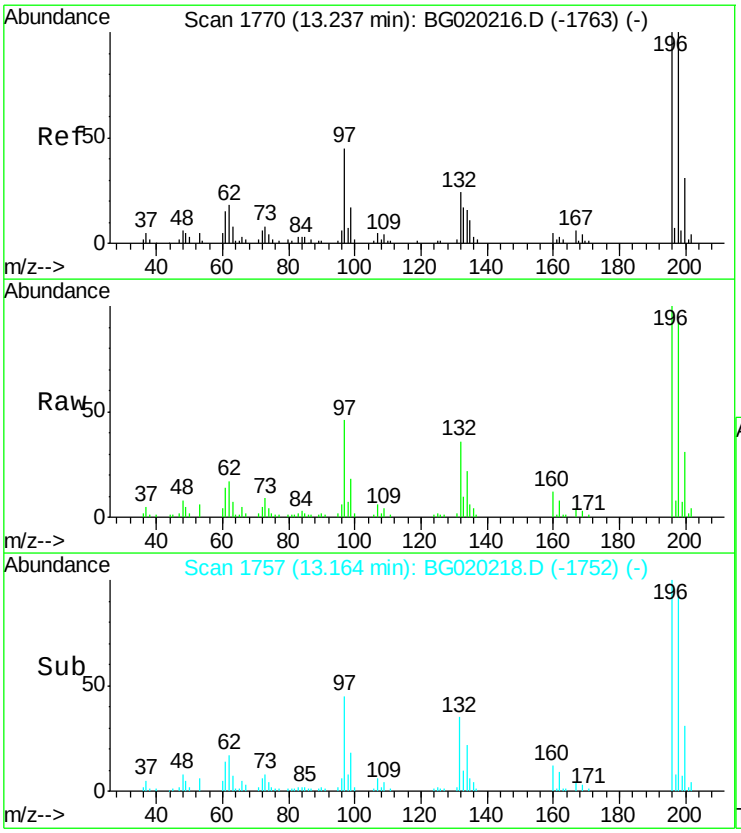
#39
2,4,6-Trichlorophenol
Concen: 30.82 ng/ul
RT: 13.16 min Scan# 1757
Delta R.T. 0.00 min
Lab File: BG020218.D
Acq: 16 Dec 2015 10:08

Instrument :
BNA_G
ClientSampleId :
G9BQ7

Tgt Ion:196 Resp: 49034

Ion	Ratio	Lower	Upper
196	100		
198	93.0	75.9	113.9
200	30.9	25.8	38.8

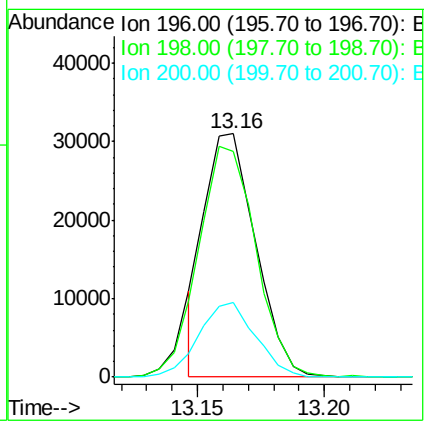


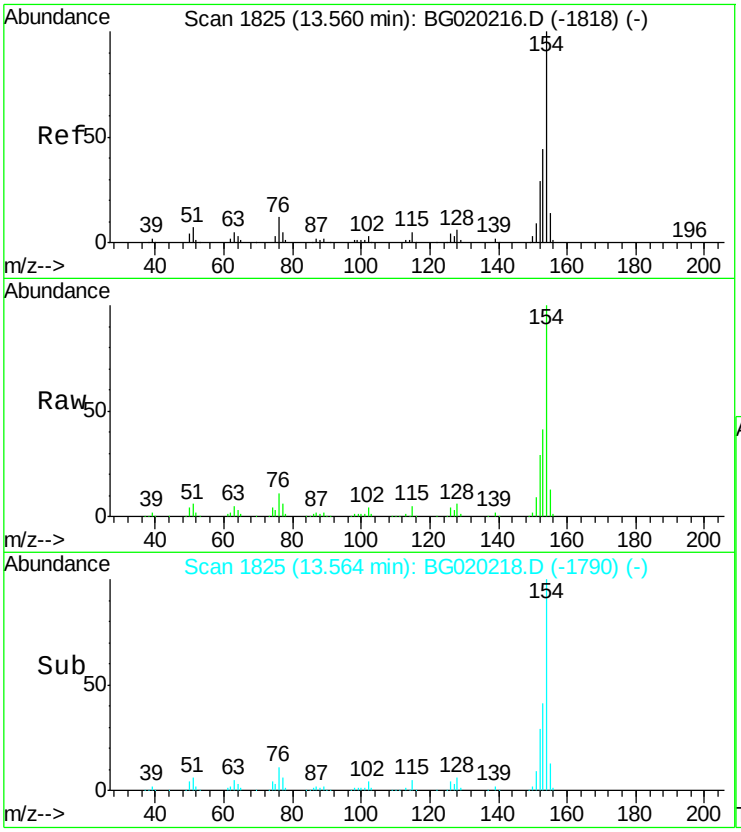


#40
2,4,5-Trichlorophenol
Concen: 24.59 ng/ul
RT: 13.16 min Scan# 1757
Delta R.T. -0.07 min
Lab File: BG020218.D
Acq: 16 Dec 2015 10:08

Tgt Ion:196 Resp: 43483

Ion	Ratio	Lower	Upper
196	100		
198	93.0	74.4	111.6
200	30.9	23.8	35.8



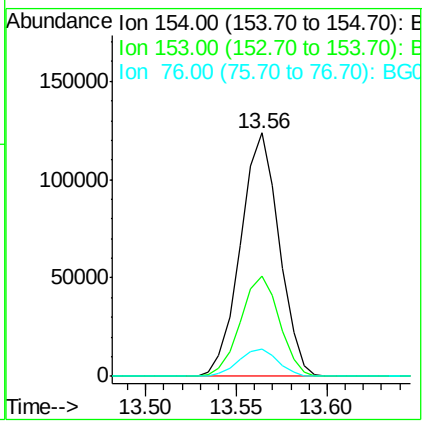


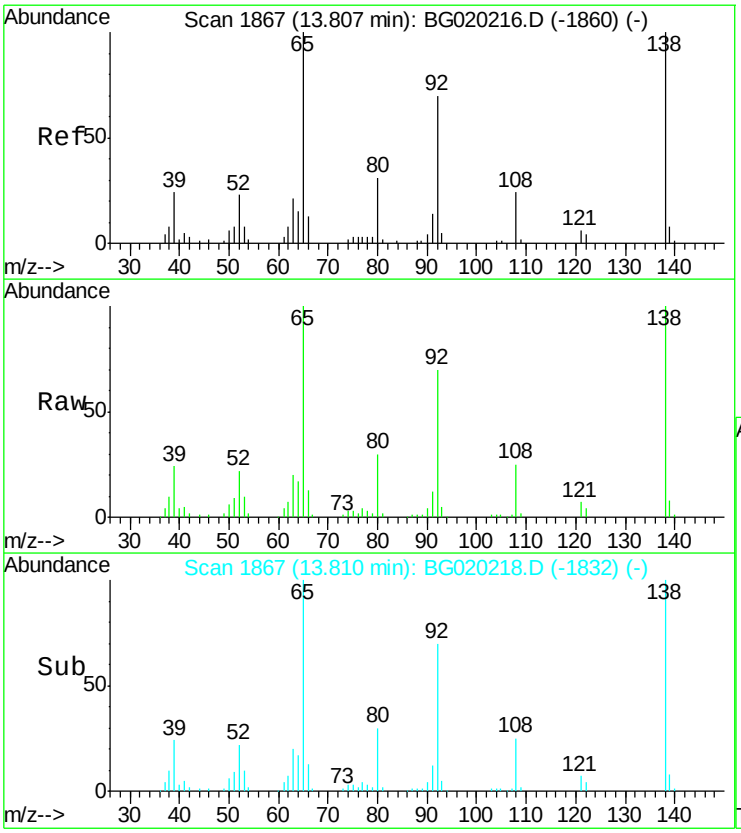
#41
1,1'-Biphenyl
Concen: 36.94 ng/ul
RT: 13.56 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BG020218.D
Acq: 16 Dec 2015 10:08

Instrument :
BNA_G
ClientSampleId :
G9BQ7

Tgt Ion:154 Resp: 184145

Ion	Ratio	Lower	Upper
154	100		
153	41.0	35.5	53.3
76	11.4	10.4	15.6

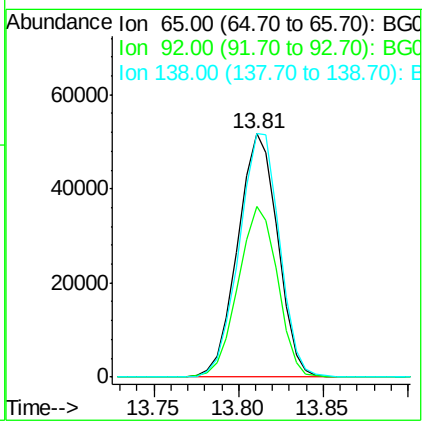


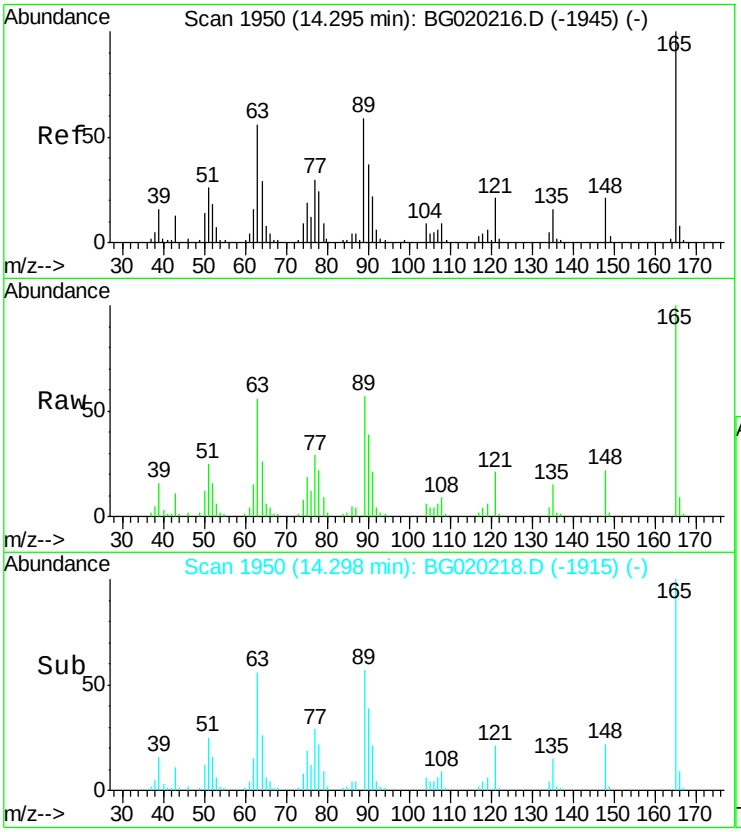


#43
2-Nitroaniline
Concen: 62.77 ng/ul
RT: 13.81 min Scan# 1867
Delta R.T. 0.00 min
Lab File: BG020218.D
Acq: 16 Dec 2015 10:08

Tgt Ion: 65 Resp: 85184

Ion	Ratio	Lower	Upper
65	100		
92	69.8	53.1	79.7
138	99.9	76.6	114.8



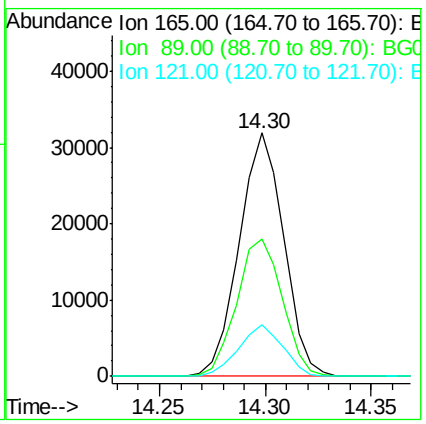


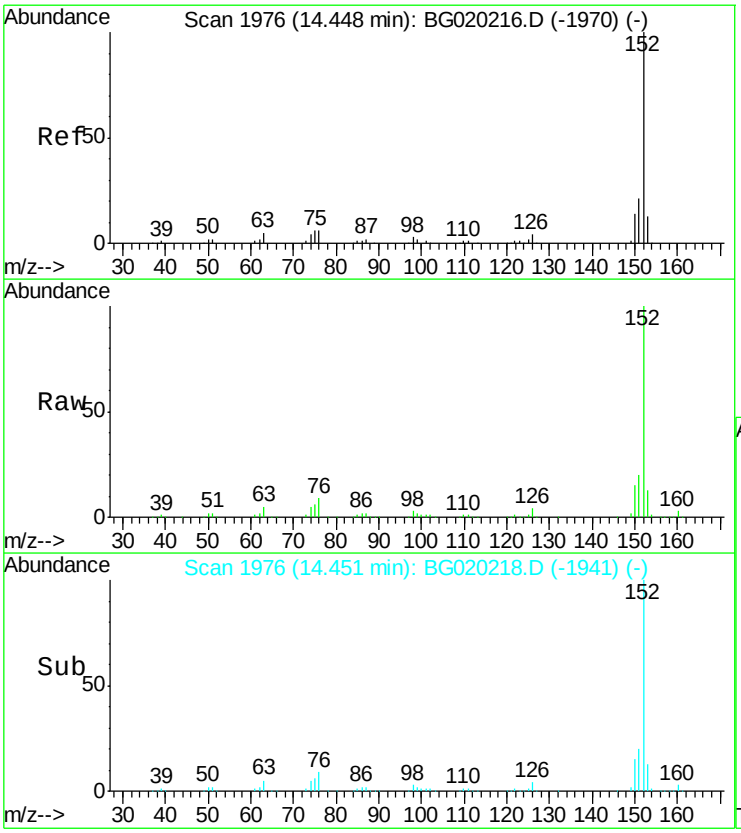
#46
2,6-Dinitrotoluene
Concen: 41.27 ng/ul
RT: 14.30 min Scan# 1950
Delta R.T. 0.00 min
Lab File: BG020218.D
Acq: 16 Dec 2015 10:08

Instrument :
BNA_G
ClientSampleId :
G9BQ7

Tgt Ion:165 Resp: 46607

Ion	Ratio	Lower	Upper
165	100		
89	56.6	47.0	70.4
121	20.9	17.0	25.6





#48
Acenaphthylene
Concen: 47.93 ng/ul
RT: 14.45 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BG020218.D
Acq: 16 Dec 2015 10:08

Tgt Ion:152 Resp: 316671

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.4	24.6
153	13.1	10.4	15.6