Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062215\
Data File : BG017751.D
Acq On : 22 Jun 2015 18:38
Operator : TP/IZ
Sample : G2653-04
Misc : LOQ-SVOC-SOIL-20PPM
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOQ-SOIL2015-02

Quant Time: Jun 23 02:16:32 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 06:05:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	63541	20.00	ng		0.00
21) Naphthalene-d8	10.39	136	287020	20.00	ng		-0.01
38) Acenaphthene-d10	14.26	164	173603	20.00	ng		-0.01
63) Phenanthrene-d10	17.02	188	385853	20.00	ng		-0.01
75) Chrysene-d12	21.21	240	408770	20.00	ng		-0.02
86) Perylene-d12	23.44	264	390154	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	523819	144.68	ng		0.00
7) Phenol-d6	6.79	99	722371	141.95	ng		-0.01
23) Nitrobenzene-d5	8.76	82	444291	89.04	ng		-0.01
41) 2,4,6-Tribromophenol	15.76	330	206762	128.44	ng		-0.01
44) 2-Fluorobiphenyl	12.88	172	912137	85.33	ng		-0.02
78) Terphenyl-d14	19.66	244	1428159	79.39	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	33004	20.93	ng	#	84
3) Pyridine	3.55	79	101272	23.07	ng		99
4) n-Nitrosodimethylamine	3.47	42	52451	26.29	ng		98
6) Aniline	6.95	93	94720	13.54	ng		98
8) 2-Chlorophenol	7.18	128	108393	23.93	ng		93
9) Benzaldehyde	6.76	77	96044	32.56	ng		97
10) Phenol	6.82	94	146013	26.32	ng		96
11) bis(2-Chloroethyl)ether	7.05	93	100511	23.89	ng		97
12) 1,3-Dichlorobenzene	7.50	146	107830	21.40	ng		99
13) 1,4-Dichlorobenzene	7.65	146	108991	20.93	ng		100
14) 1,2-Dichlorobenzene	7.96	146	106387	21.65	ng		95
15) Benzyl Alcohol	7.85	79	101104	23.07	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.15	45	165917	25.84	ng		98
17) 2-Methylphenol	8.05	107	97379	23.58	ng		97
18) Hexachloroethane	8.68	117	42720	21.40	ng		94
19) n-Nitroso-di-n-propylamine	8.42	70	93015	21.72	ng		98
20) 3+4-Methylphenols	8.38	107	128832	23.12	ng		96
22) Acetophenone	8.43	105	156217	24.00	ng	#	96
24) Nitrobenzene	8.80	77	132180	24.65	ng		98
25) Isophorone	9.32	82	246778	22.21	ng		94
26) 2-Nitrophenol	9.51	139	54531	22.29	ng		92
27) 2,4-Dimethylphenol	9.58	122	110285	23.80	ng		99
28) bis(2-Chloroethoxy)methane	9.81	93	132741	23.70	ng		99
29) 2,4-Dichlorophenol	10.04	162	94311	23.10	ng		98
30) 1,2,4-Trichlorobenzene	10.26	180	91623	19.98	ng		96
31) Naphthalene	10.44	128	336354	21.68	ng		100
32) Benzoic acid	9.67	122	39735	20.86	ng		89
33) 4-Chloroaniline	10.55	127	62305	9.18	ng		98
34) Hexachlorobutadiene	10.73	225	53701	20.46	ng		91
35) Caprolactam	11.32	113	49450	21.80	ng		91
36) 4-Chloro-3-methylphenol	11.69	107	116431	23.04	ng		97
37) 2-Methylnaphthalene	12.06	142	246320	22.07	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.43	216	101174	21.73	ng		97
40) Hexachlorocyclopentadiene	12.42	237	65587	20.97	ng		98

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062215\
Data File : BG017751.D
Acq On : 22 Jun 2015 18:38
Operator : TP/IZ
Sample : G2653-04
Misc : LOQ-SVOC-SOIL-20PPM
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOQ-SOIL2015-02

Quant Time: Jun 23 02:16:32 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 06:05:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.68	196	70520	22.37	ng		99
43) 2,4,5-Trichlorophenol	12.75	196	80357	23.38	ng		94
45) 1,1'-Biphenyl	13.09	154	306422	23.89	ng		99
46) 2-Chloronaphthalene	13.13	162	229461	22.22	ng		97
47) 2-Nitroaniline	13.34	65	83609	27.09	ng		90
48) Acenaphthylene	13.98	152	408990	22.17	ng		98
49) Dimethylphthalate	13.73	163	294672	22.19	ng		99
50) 2,6-Dinitrotoluene	13.84	165	67268	24.57	ng		97
51) Acenaphthene	14.33	154	245799	22.08	ng		99
52) 3-Nitroaniline	14.17	138	43833	13.70	ng		95
53) 2,4-Dinitrophenol	14.37	184	27425	26.04	ng	#	86
54) Dibenzofuran	14.66	168	370259	23.62	ng		99
55) 4-Nitrophenol	14.48	139	65499	25.92	ng		91
56) 2,4-Dinitrotoluene	14.63	165	88791	24.10	ng		93
57) Fluorene	15.31	166	317193	22.38	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.81	232	62949	22.08	ng		96
59) Diethylphthalate	15.10	149	329328	22.86	ng		97
60) 4-Chlorophenyl-phenylether	15.32	204	145043	22.30	ng		94
61) 4-Nitroaniline	15.34	138	86513	24.36	ng		90
62) Azobenzene	15.61	77	378347	25.07	ng		95
64) 4,6-Dinitro-2-methylphenol	15.40	198	43014	24.60	ng		87
65) n-Nitrosodiphenylamine	15.53	169	273324	22.17	ng		98
66) 4-Bromophenyl-phenylether	16.21	248	84252	21.14	ng		92
67) Hexachlorobenzene	16.32	284	89564	20.75	ng		95
68) Atrazine	16.49	200	104627	23.26	ng		98
69) Pentachlorophenol	16.67	266	48224	22.27	ng		90
70) Phenanthrene	17.06	178	494370	22.71	ng		99
71) Anthracene	17.15	178	505257	23.25	ng		97
72) Carbazole	17.42	167	485844	22.81	ng		97
73) Di-n-butylphthalate	18.00	149	633187	23.81	ng		97
74) Fluoranthene	19.08	202	575378	23.16	ng		96
76) Benzidine	19.27	184	117284	8.60	ng		99
77) Pyrene	19.44	202	595674	22.90	ng		95
79) Butylbenzylphthalate	20.37	149	283558	23.05	ng		94
80) Benzo(a)anthracene	21.20	228	536713	22.81	ng		98
81) 3,3'-Dichlorobenzidine	21.14	252	82760	9.43	ng		97
82) Chrysene	21.25	228	488281	22.61	ng		96
83) Bis(2-ethylhexyl)phthalate	21.15	149	394916	23.10	ng		93
84) Di-n-octyl phthalate	22.02	149	658171	23.46	ng		98
85) Indeno(1,2,3-cd)pyrene	25.70	276	525180	20.27	ng		98
87) Benzo(b)fluoranthene	22.77	252	516421	21.99	ng		97
88) Benzo(k)fluoranthene	22.82	252	482897	21.51	ng		96
89) Benzo(a)pyrene	23.34	252	479979	22.24	ng		97
90) Dibenzo(a,h)anthracene	25.72	278	451320	20.66	ng		97
91) Benzo(g,h,i)perylene	26.38	276	445119	21.03	ng		98

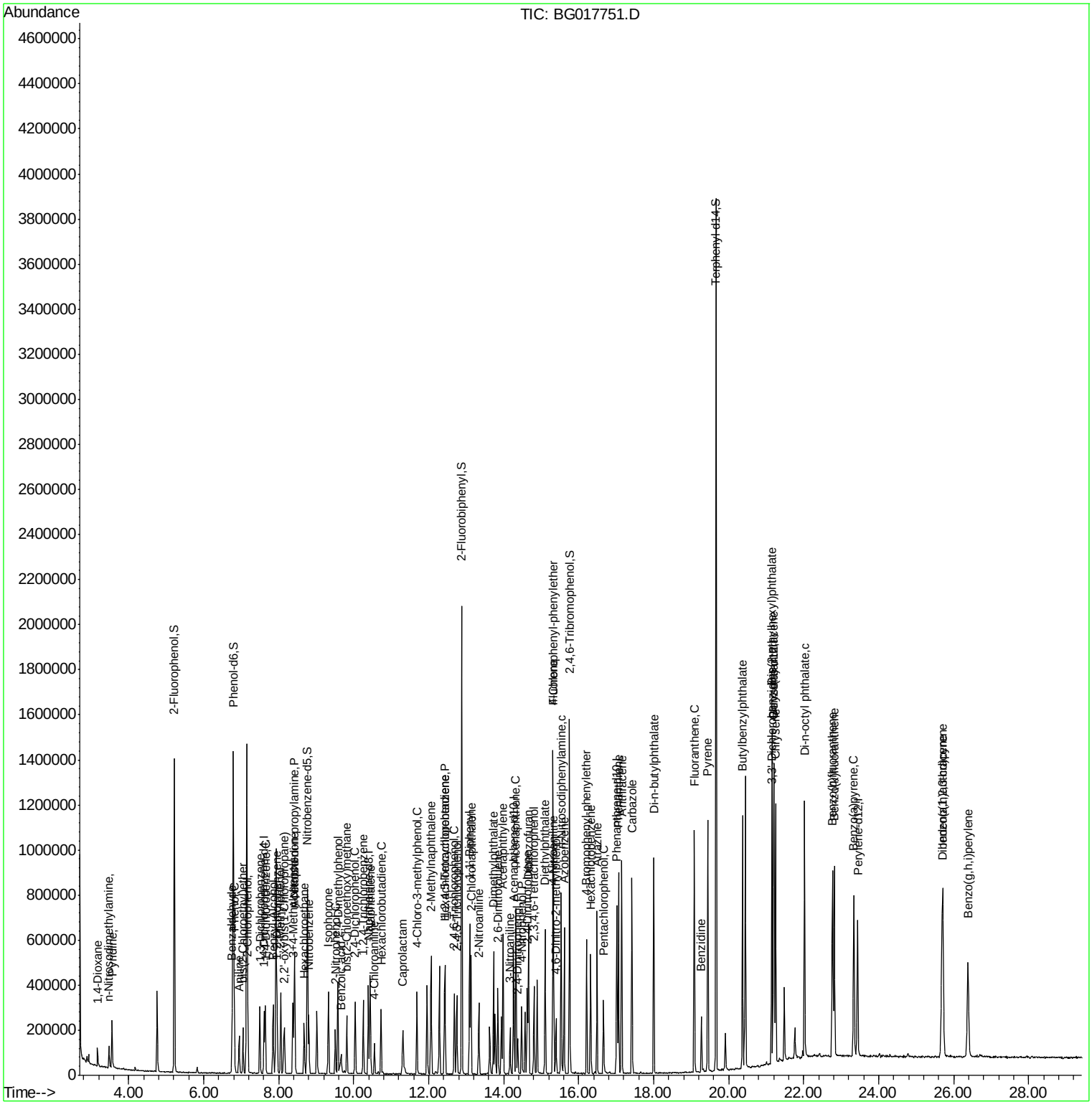
(#) = qualifier out of range (m) = manual integration (+) = signals summed

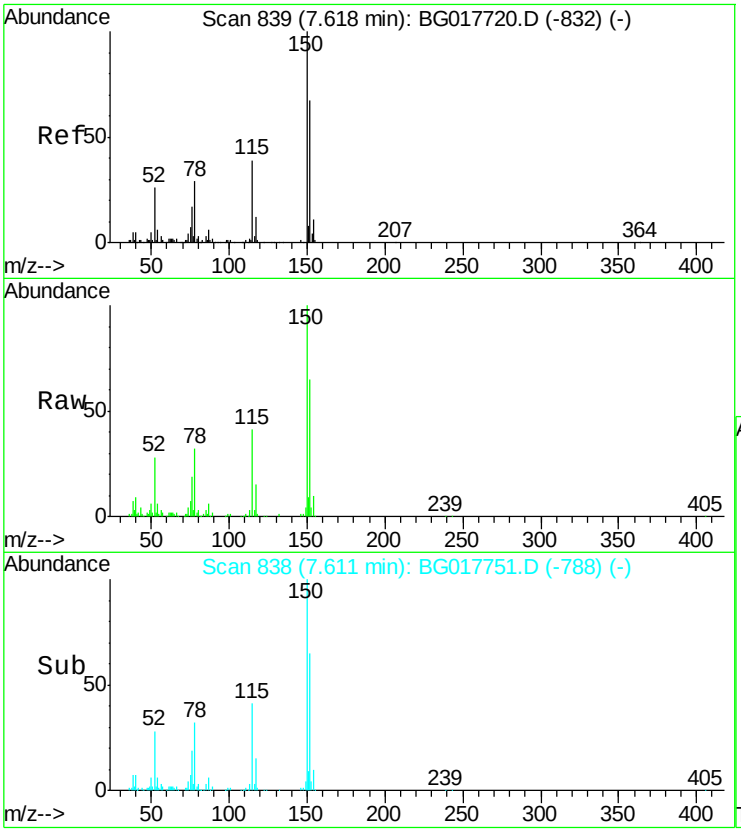
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062215\
Data File : BG017751.D
Acq On : 22 Jun 2015 18:38
Operator : TP/IZ
Sample : G2653-04
Misc : LOQ-SVOC-SOIL-20PPM
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

Quant Time: Jun 23 02:16:32 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 06:05:07 2015
Response via : Initial Calibration



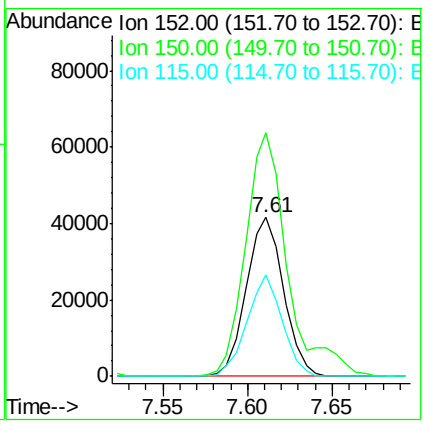


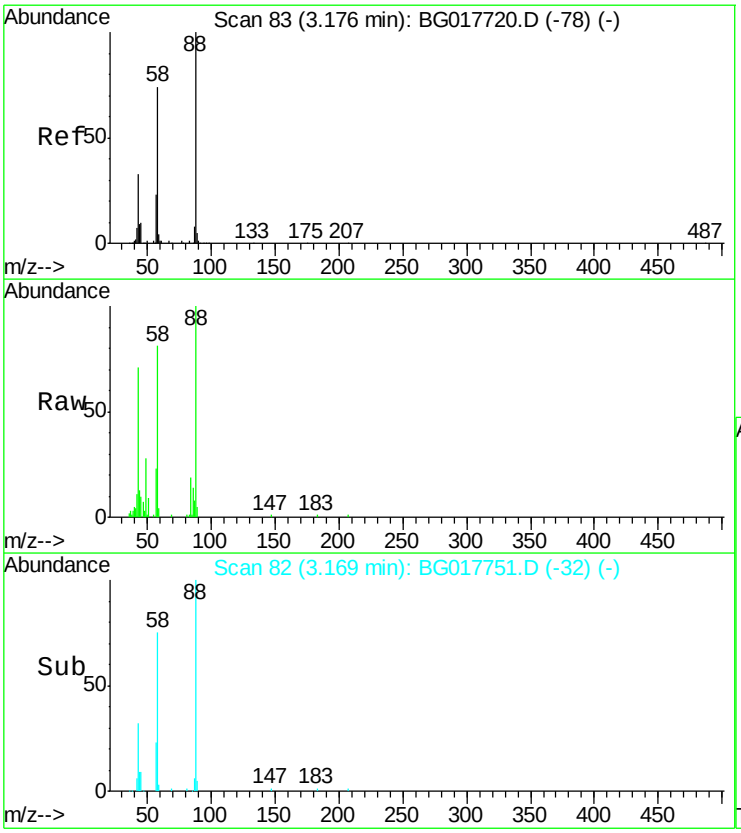
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.61 min Scan# 838
Delta R.T. -0.01 min
Lab File: BG017751.D
Acq: 22 Jun 2015 18:38

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion:152 Resp: 63541

Ion	Ratio	Lower	Upper
152	100		
150	153.0	119.1	178.7
115	63.4	47.0	70.4

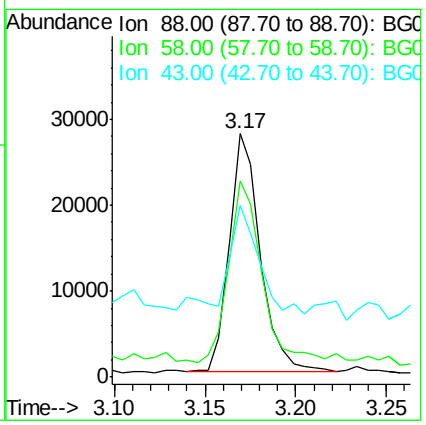


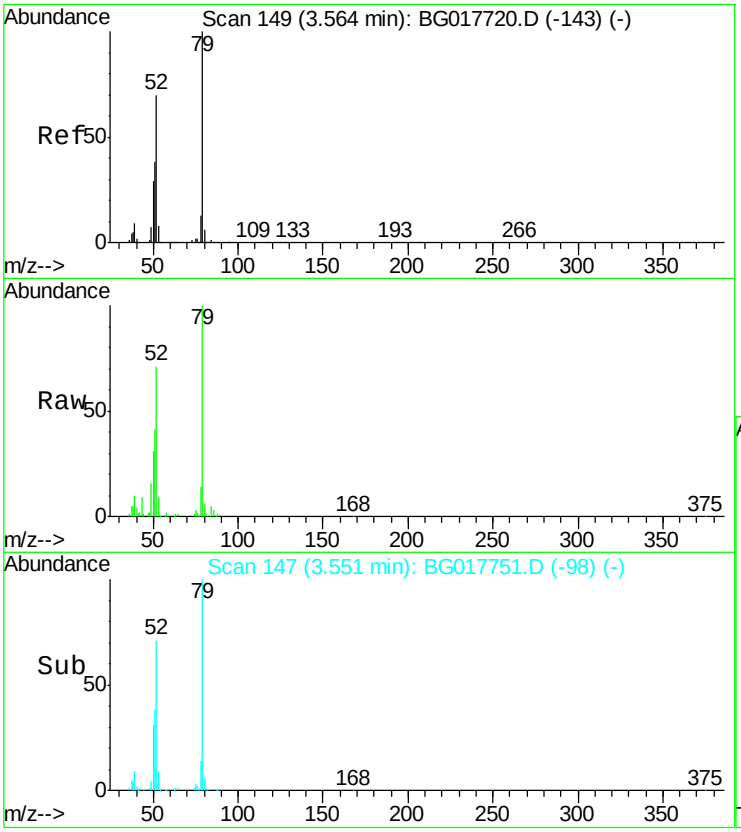


#2
1,4-Dioxane
Concen: 20.93 ng
RT: 3.17 min Scan# 82
Delta R.T. -0.01 min
Lab File: BG017751.D
Acq: 22 Jun 2015 18:38

Tgt Ion: 88 Resp: 33004

Ion	Ratio	Lower	Upper
88	100		
58	84.0	55.8	83.8#
43	41.2	27.4	41.2#



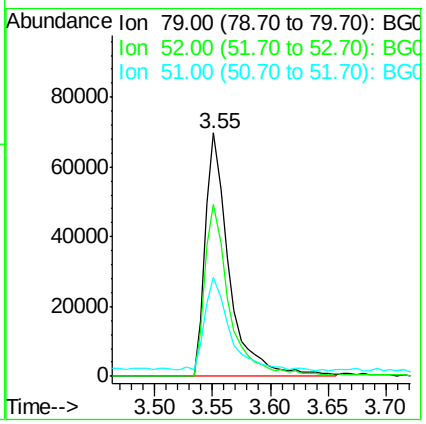


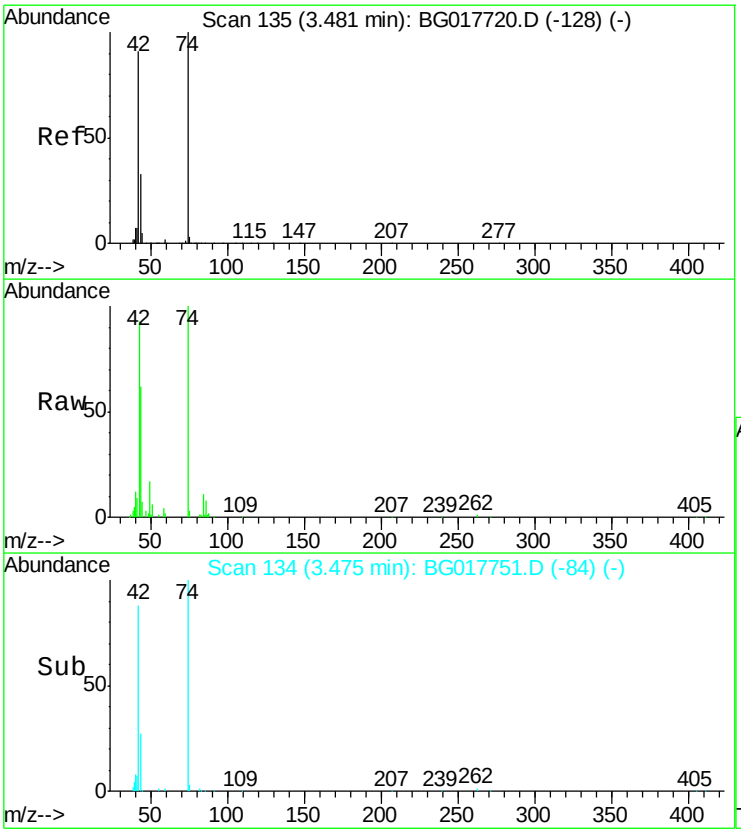
#3
Pyridine
Concen: 23.07 ng
RT: 3.55 min Scan# 147
Delta R.T. -0.01 min
Lab File: BG017751.D
Acq: 22 Jun 2015 18:38

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion: 79 Resp: 101272

Ion	Ratio	Lower	Upper
79	100		
52	70.7	55.7	83.5
51	40.8	32.2	48.4

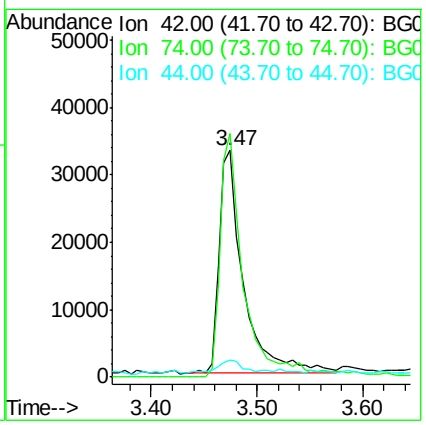


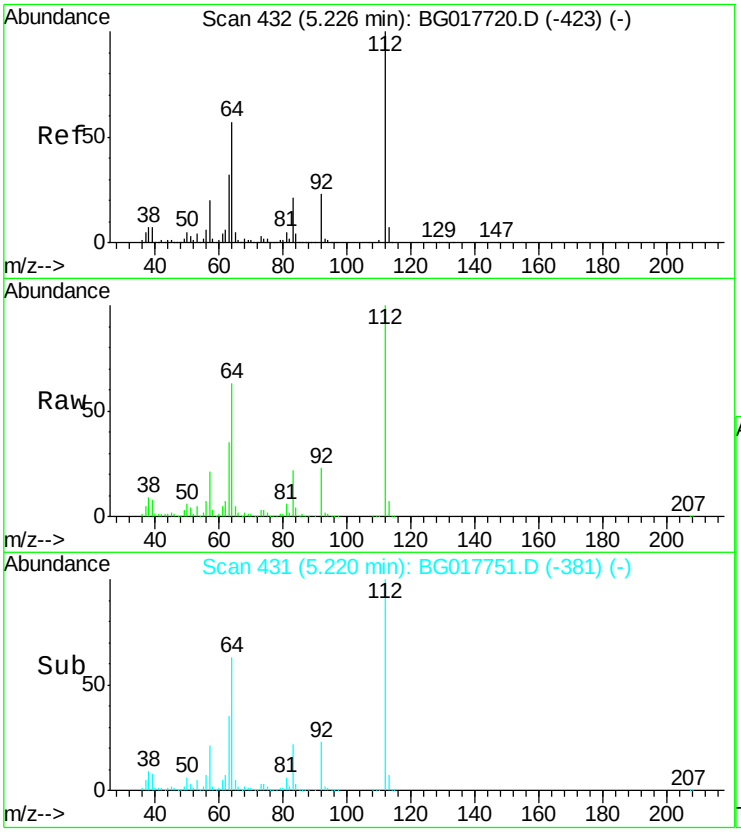


#4
n-Nitrosodimethylamine
Concen: 26.29 ng
RT: 3.47 min Scan# 134
Delta R.T. -0.01 min
Lab File: BG017751.D
Acq: 22 Jun 2015 18:38

Tgt Ion: 42 Resp: 52451

Ion	Ratio	Lower	Upper
42	100		
74	107.5	87.4	131.2
44	7.3	6.4	9.6



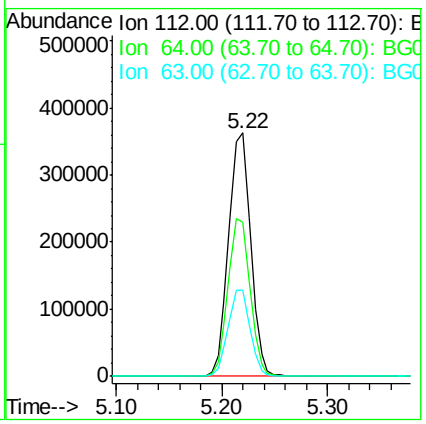


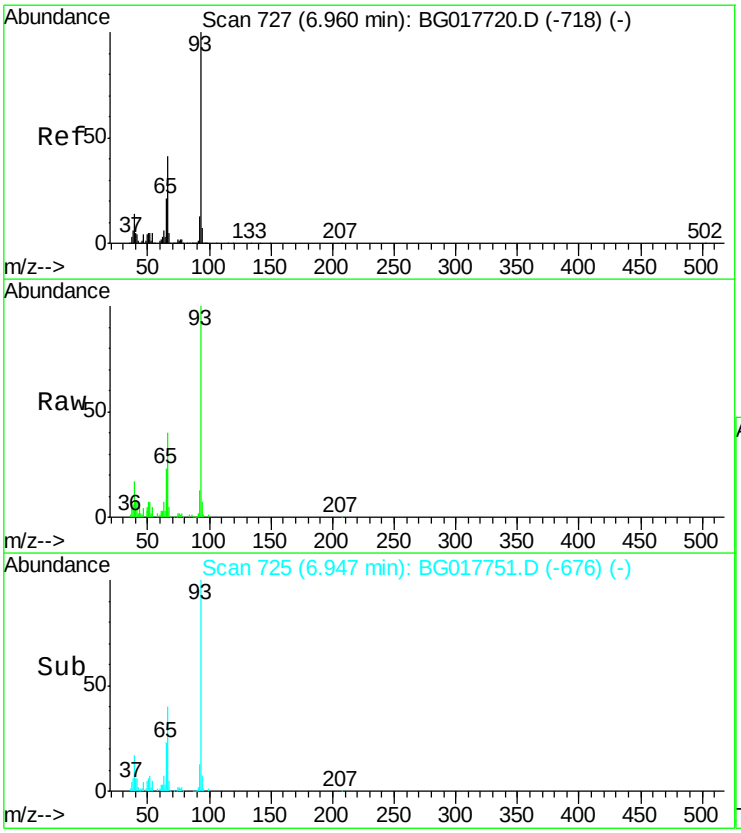
#5
2-Fluorophenol
Concen: 144.68 ng
RT: 5.22 min Scan# 431
Delta R.T. -0.01 min
Lab File: BG017751.D
Acq: 22 Jun 2015 18:38

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion:112 Resp: 523819

Ion	Ratio	Lower	Upper
112	100		
64	63.4	45.4	68.0
63	35.3	25.3	37.9

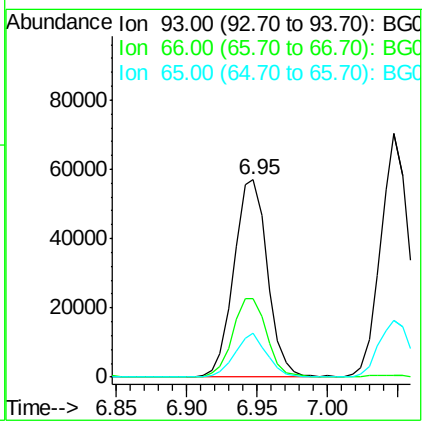


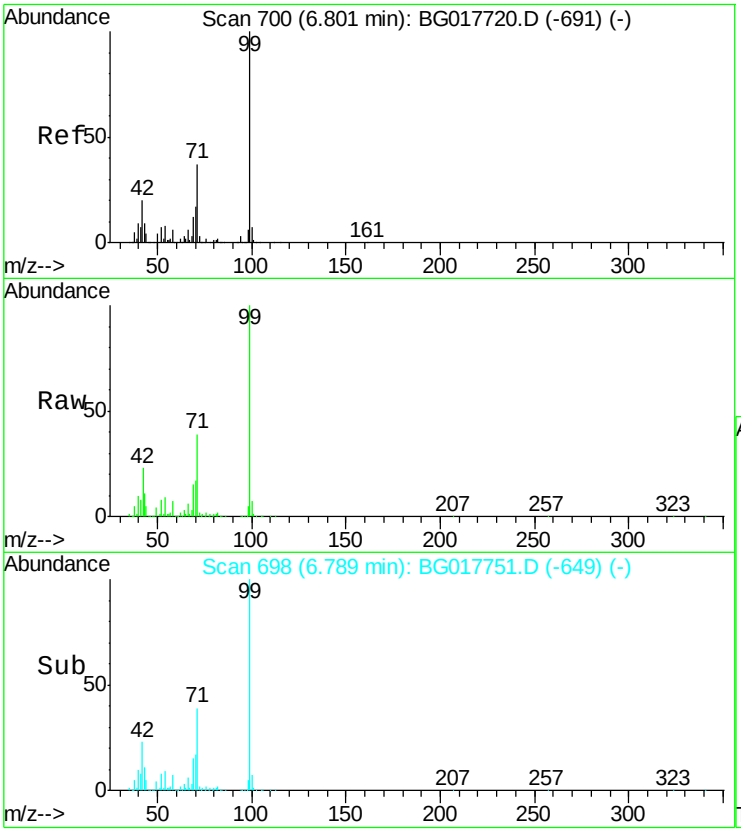


#6
Aniline
Concen: 13.54 ng
RT: 6.95 min Scan# 725
Delta R.T. -0.01 min
Lab File: BG017751.D
Acq: 22 Jun 2015 18:38

Tgt Ion: 93 Resp: 94720

Ion	Ratio	Lower	Upper
93	100		
66	39.6	32.7	49.1
65	22.6	17.0	25.6



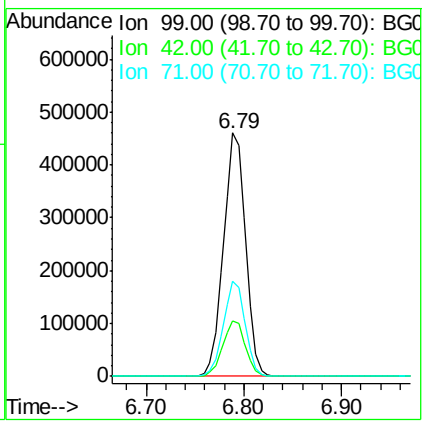


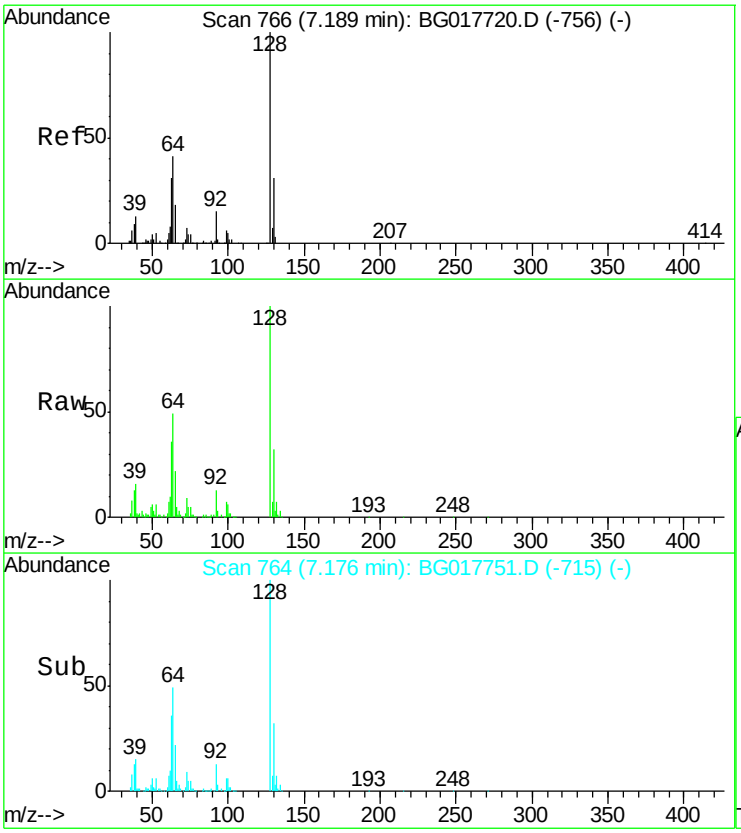
#7
Phenol-d6
Concen: 141.95 ng
RT: 6.79 min Scan# 698
Delta R.T. -0.01 min
Lab File: BG017751.D
Acq: 22 Jun 2015 18:38

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion: 99 Resp: 722371

Ion	Ratio	Lower	Upper
99	100		
42	22.8	16.2	24.4
71	39.3	29.5	44.3

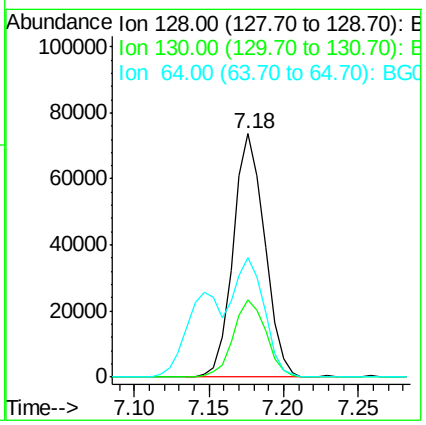


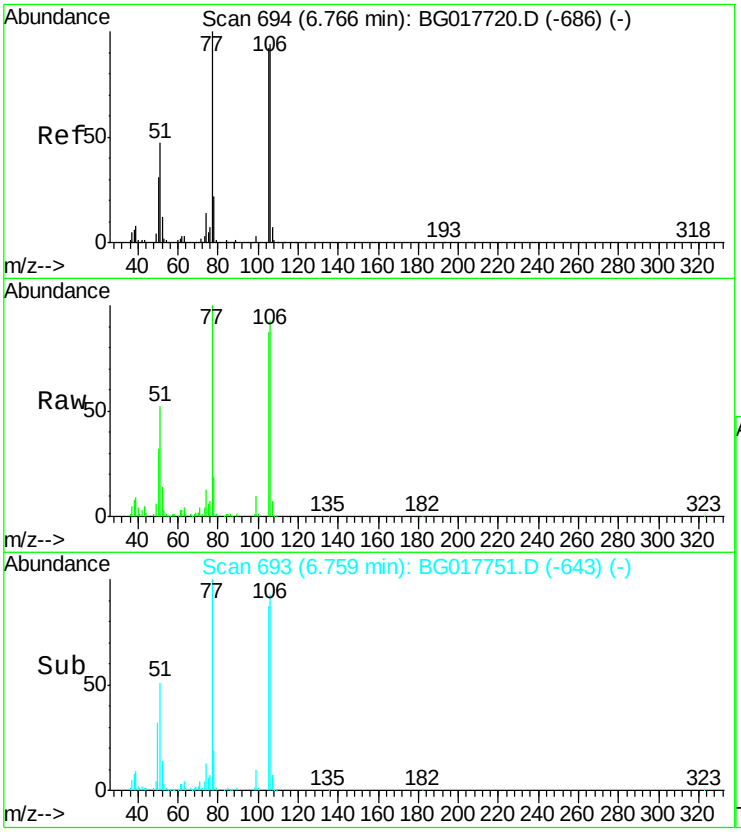


#8
2-Chlorophenol
Concen: 23.93 ng
RT: 7.18 min Scan# 764
Delta R.T. -0.01 min
Lab File: BG017751.D
Acq: 22 Jun 2015 18:38

Tgt Ion:128 Resp: 108393

Ion	Ratio	Lower	Upper
128	100		
130	31.9	11.1	51.1
64	49.0	21.4	61.4



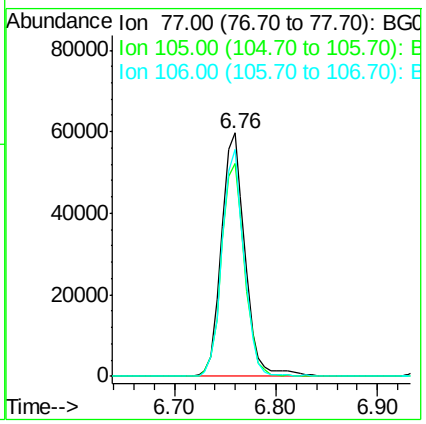


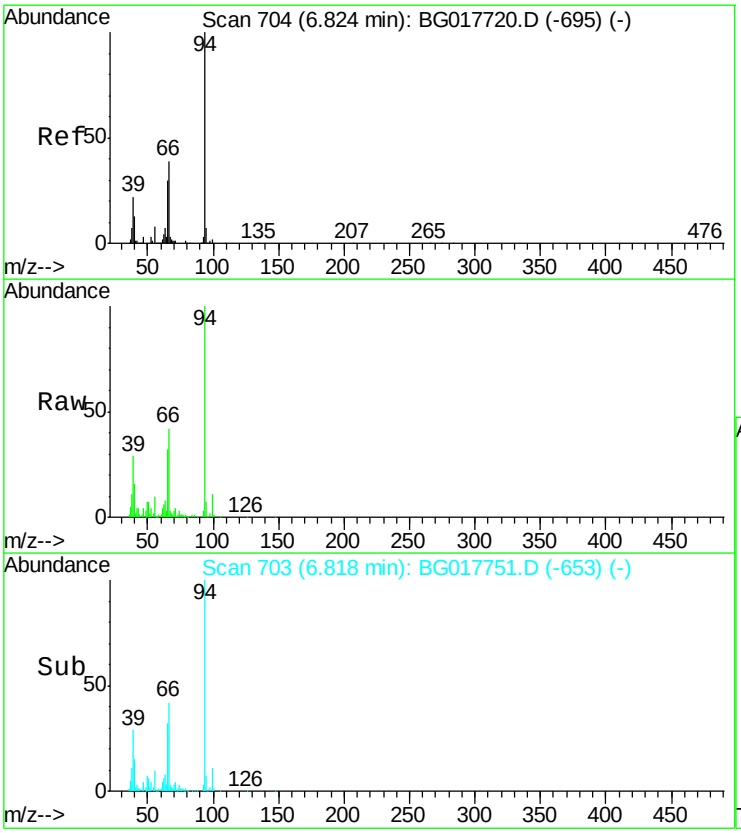
#9
Benzaldehyde
Concen: 32.56 ng
RT: 6.76 min Scan# 693
Delta R.T. -0.01 min
Lab File: BG017751.D
Acq: 22 Jun 2015 18:38

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion: 77 Resp: 96044

Ion	Ratio	Lower	Upper
77	100		
105	87.2	71.8	111.8
106	93.3	74.5	114.5

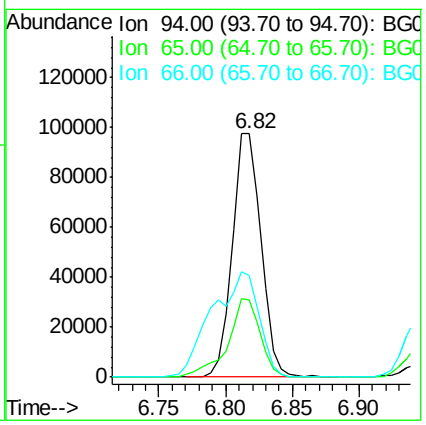


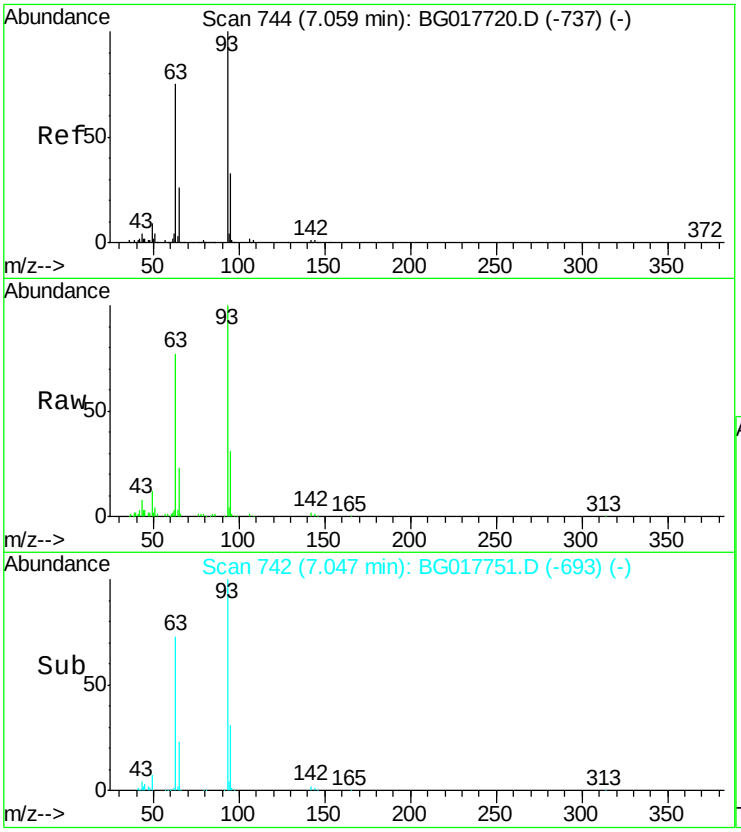


#10
Phenol
Concen: 26.32 ng
RT: 6.82 min Scan# 703
Delta R.T. -0.01 min
Lab File: BG017751.D
Acq: 22 Jun 2015 18:38

Tgt Ion: 94 Resp: 146013

Ion	Ratio	Lower	Upper
94	100		
65	31.7	9.9	49.9
66	41.7	19.4	59.4



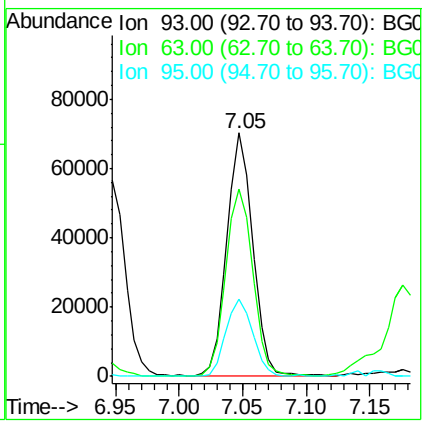


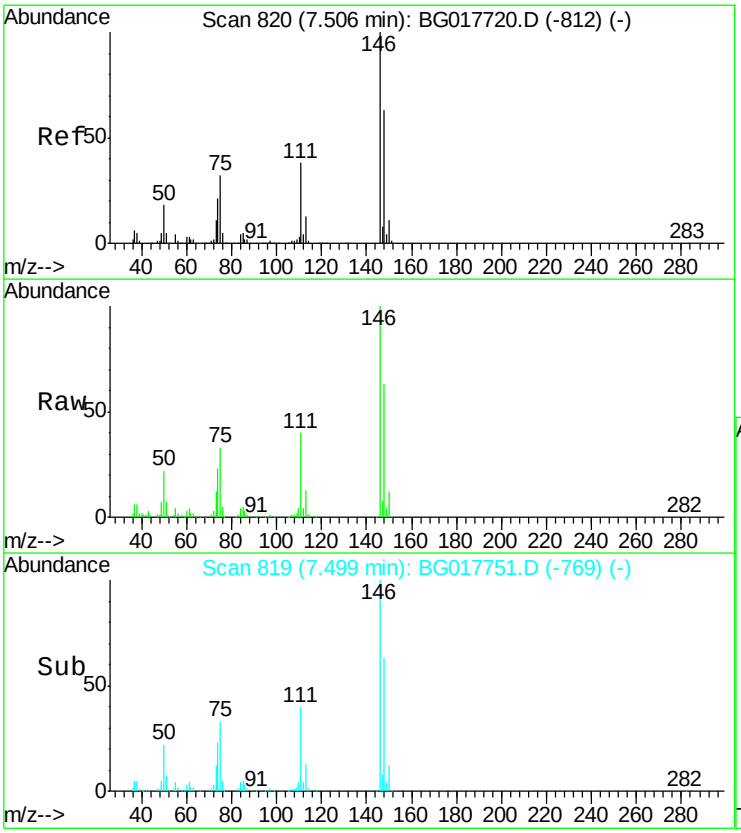
#11
bis(2-Chloroethyl)ether
Concen: 23.89 ng
RT: 7.05 min Scan# 742
Delta R.T. -0.01 min
Lab File: BG017751.D
Acq: 22 Jun 2015 18:38

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion: 93 Resp: 100511

Ion	Ratio	Lower	Upper
93	100		
63	76.7	54.7	94.7
95	31.5	13.2	53.2

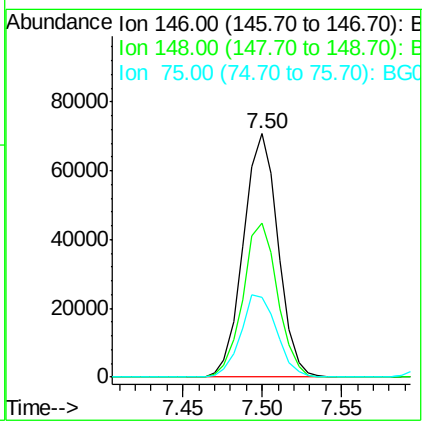


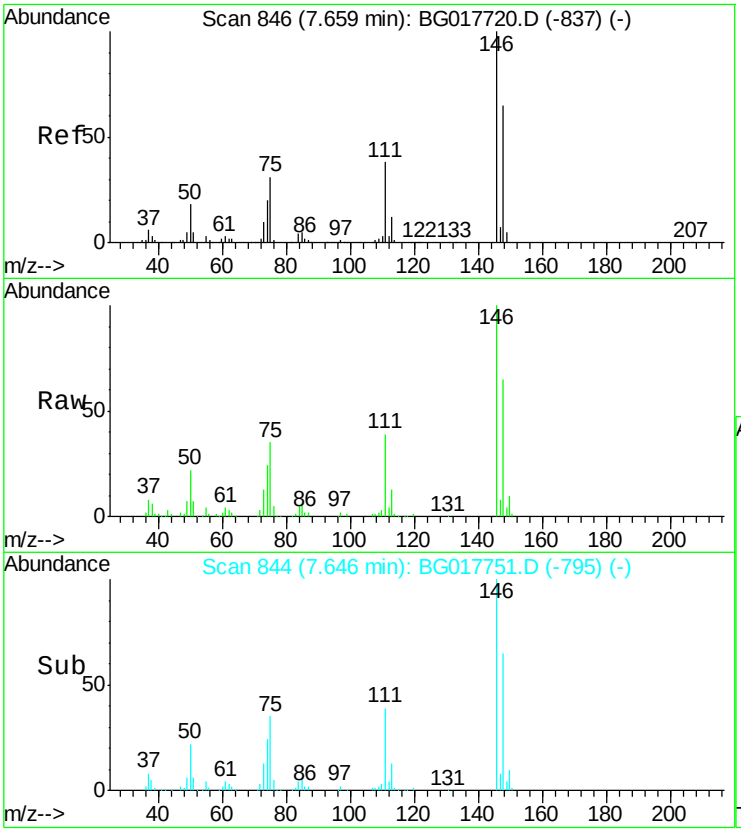


#12
1,3-Dichlorobenzene
Concen: 21.40 ng
RT: 7.50 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG017751.D
Acq: 22 Jun 2015 18:38

Tgt Ion:146 Resp: 107830

Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.8	76.2
75	32.9	25.8	38.6



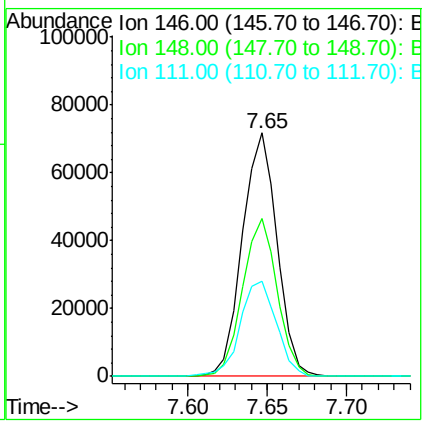


#13
1,4-Dichlorobenzene
Concen: 20.93 ng
RT: 7.65 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG017751.D
Acq: 22 Jun 2015 18:38

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion:146 Resp: 108991

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.6
111	39.1	31.0	46.4



Ref

#14
1,2-Dichlorobenzene
Concen: 21.65 ng
RT: 7.96 min Scan# 897
Delta R.T. -0.01 min
Lab File: BG017751.D
Acq: 22 Jun 2015 18:38

Tgt Ion:146 Resp: 106387

Ion	Ratio	Lower	Upper
146	100		
148	59.9	52.2	78.4
111	42.3	32.3	48.5

Raw

Sub

#15
Benzyl Alcohol
Concen: 23.07 ng
RT: 7.85 min Scan# 879
Delta R.T. -0.01 min
Lab File: BG017751.D
Acq: 22 Jun 2015 18:38

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion: 79 Resp: 101104

Ion	Ratio	Lower	Upper
79	100		
108	68.1	58.4	87.6
77	68.1	49.9	74.9

Ref

Raw

Sub