Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010515\
Data File : BG015847.D
Acq On : 5 Jan 2015 17:52
Operator : TP/IZ
Sample : G1001-05-S
Misc : LOD-SOIL-1PPM
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOD-SOIL2015-01

Quant Time: Jan 06 06:12:09 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 06 06:05:51 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	27856	20.00	ng		0.00
21) Naphthalene-d8	10.51	136	96779	20.00	ng		0.00
38) Acenaphthene-d10	14.37	164	74674	20.00	ng		0.00
63) Phenanthrene-d10	17.11	188	181912	20.00	ng		0.00
75) Chrysene-d12	21.29	240	280120	20.00	ng		0.00
86) Perylene-d12	23.55	264	260951	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	187961	58.03	ng		0.00
7) Phenol-d6	6.91	99	260054	57.65	ng		0.00
23) Nitrobenzene-d5	8.89	82	186539	37.82	ng		0.00
41) 2,4,6-Tribromophenol	15.86	330	161954	57.05	ng		0.00
44) 2-Fluorobiphenyl	12.99	172	398406	38.11	ng		0.00
78) Terphenyl-d14	19.74	244	980824	39.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	1070	1.44	ng	#	67
3) Pyridine	3.66	79	1238	0.61	ng	#	74
4) n-Nitrosodimethylamine	3.57	42	1091	1.25	ng	#	97
6) Aniline	7.07	93	1125	0.37	ng	#	72
8) 2-Chlorophenol	7.30	128	1527	0.91	ng	#	68
9) Benzaldehyde	6.87	77	54	0.04	ng	#	9
10) Phenol	6.94	94	2394	0.97	ng		96
11) bis(2-Chloroethyl)ether	7.16	93	2369	1.31	ng	#	75
12) 1,3-Dichlorobenzene	7.62	146	2021	1.01	ng	#	92
13) 1,4-Dichlorobenzene	7.77	146	1710	0.84	ng	#	80
14) 1,2-Dichlorobenzene	8.08	146	2219	1.14	ng	#	87
15) Benzyl Alcohol	7.97	79	1705	0.77	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.26	45	923	0.80	ng	#	58
17) 2-Methylphenol	8.18	107	1668	1.00	ng	#	71
18) Hexachloroethane	8.80	117	1201	1.27	ng	#	68
19) n-Nitroso-di-n-propylamine	8.53	70	2060	1.17	ng	#	70
20) 3+4-Methylphenols	8.50	107	1987	0.89	ng	#	83
22) Acetophenone	8.55	105	3385	1.19	ng	#	81
24) Nitrobenzene	8.92	77	3418	1.38	ng	#	78
25) Isophorone	9.45	82	5349	1.22	ng	#	88
26) 2-Nitrophenol	9.64	139	1033	1.09	ng	#	80
27) 2,4-Dimethylphenol	9.69	122	1700	1.07	ng		80
28) bis(2-Chloroethoxy)methane	9.93	93	2630	1.22	ng	#	81
29) 2,4-Dichlorophenol	10.16	162	1825	1.13	ng	#	75
30) 1,2,4-Trichlorobenzene	10.39	180	2455	1.16	ng	#	62
31) Naphthalene	10.56	128	5708	1.11	ng	#	91
32) Benzoic acid	9.94	122	59	0.08	ng	#	1
33) 4-Chloroaniline	10.68	127	1082	0.52	ng	#	77
34) Hexachlorobutadiene	10.85	225	2460	1.26	ng		92
35) Caprolactam	11.43	113	379	0.54	ng	#	28
36) 4-Chloro-3-methylphenol	11.81	107	2139	1.02	ng	#	78
37) 2-Methylnaphthalene	12.18	142	4135	1.08	ng	#	65
39) 1,2,4,5-Tetrachlorobenzene	12.55	216	3311	1.19	ng	#	93
40) Hexachlorocyclopentadiene	12.53	237	2212	1.20	ng		94

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010515\
Data File : BG015847.D
Acq On : 5 Jan 2015 17:52
Operator : TP/IZ
Sample : G1001-05-S
Misc : LOD-SOIL-1PPM
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOD-SOIL2015-01

Quant Time: Jan 06 06:12:09 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 06 06:05:51 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.79	196	1581	0.93	ng	#	51
43) 2,4,5-Trichlorophenol	12.87	196	1850	0.99	ng	#	79
45) 1,1'-Biphenyl	13.20	154	7079	1.33	ng		89
46) 2-Chloronaphthalene	13.23	162	4778	1.12	ng	#	87
47) 2-Nitroaniline	13.45	65	1487	1.07	ng	#	75
48) Acenaphthylene	14.08	152	8603	1.18	ng	#	97
49) Dimethylphthalate	13.82	163	6690	1.21	ng	#	92
50) 2,6-Dinitrotoluene	13.95	165	1417	1.19	ng	#	72
51) Acenaphthene	14.43	154	4814	1.13	ng		91
52) 3-Nitroaniline	14.28	138	1410	1.25	ng	#	57
53) 2,4-Dinitrophenol	14.35	184	76	0.12	ng	#	17
54) Dibenzofuran	14.77	168	7881	1.14	ng	#	93
55) 4-Nitrophenol	14.59	139	1302	1.40	ng	#	77
56) 2,4-Dinitrotoluene	14.74	165	1923	1.12	ng	#	67
57) Fluorene	15.41	166	5479	0.97	ng	#	71
58) 2,3,4,6-Tetrachlorophenol	14.99	232	1644	0.78	ng	#	78
59) Diethylphthalate	15.19	149	6617	1.09	ng	#	93
60) 4-Chlorophenyl-phenylether	15.41	204	4463	1.21	ng	#	82
61) 4-Nitroaniline	15.44	138	1181	0.89	ng	#	88
62) Azobenzene	15.70	77	7715	1.18	ng		95
64) 4,6-Dinitro-2-methylphenol	15.49	198	67	0.05	ng	#	39
65) n-Nitrosodiphenylamine	15.62	169	5601	1.07	ng	#	85
66) 4-Bromophenyl-phenylether	16.31	248	3090	1.24	ng		89
67) Hexachlorobenzene	16.43	284	3121	1.10	ng		92
68) Atrazine	16.57	200	2378	1.02	ng		96
69) Pentachlorophenol	16.77	266	1411	0.85	ng	#	32
70) Phenanthrene	17.15	178	11004	1.14	ng		96
71) Anthracene	17.15	178	11004	1.14	ng		94
72) Carbazole	17.51	167	9201	1.00	ng		99
73) Di-n-butylphthalate	18.08	149	13463	1.24	ng	#	93
74) Fluoranthene	19.17	202	17926	1.22	ng		96
76) Benzidine	19.36	184	3403	0.52	ng	#	80
77) Pyrene	19.53	202	17159	1.15	ng	#	91
79) Butylbenzylphthalate	20.43	149	5720	1.02	ng		87
80) Benzo(a)anthracene	21.28	228	18550	1.12	ng		96
81) 3,3'-Dichlorobenzidine	21.21	252	4005	0.66	ng	#	80
82) Chrysene	21.33	228	19553	1.28	ng		98
83) Bis(2-ethylhexyl)phthalate	21.21	149	8503	1.04	ng	#	89
84) Di-n-octyl phthalate	22.08	149	14551	1.10	ng	#	92
85) Indeno(1,2,3-cd)pyrene	25.86	276	18406	1.02	ng		93
87) Benzo(b)fluoranthene	22.87	252	21044	1.29	ng	#	83
88) Benzo(k)fluoranthene	22.91	252	19067	1.22	ng		98
89) Benzo(a)pyrene	23.46	252	18886	1.29	ng	#	89
90) Dibenzo(a,h)anthracene	25.87	278	18194	1.26	ng	#	94
91) Benzo(g,h,i)perylene	26.56	276	18261	1.27	ng	#	82

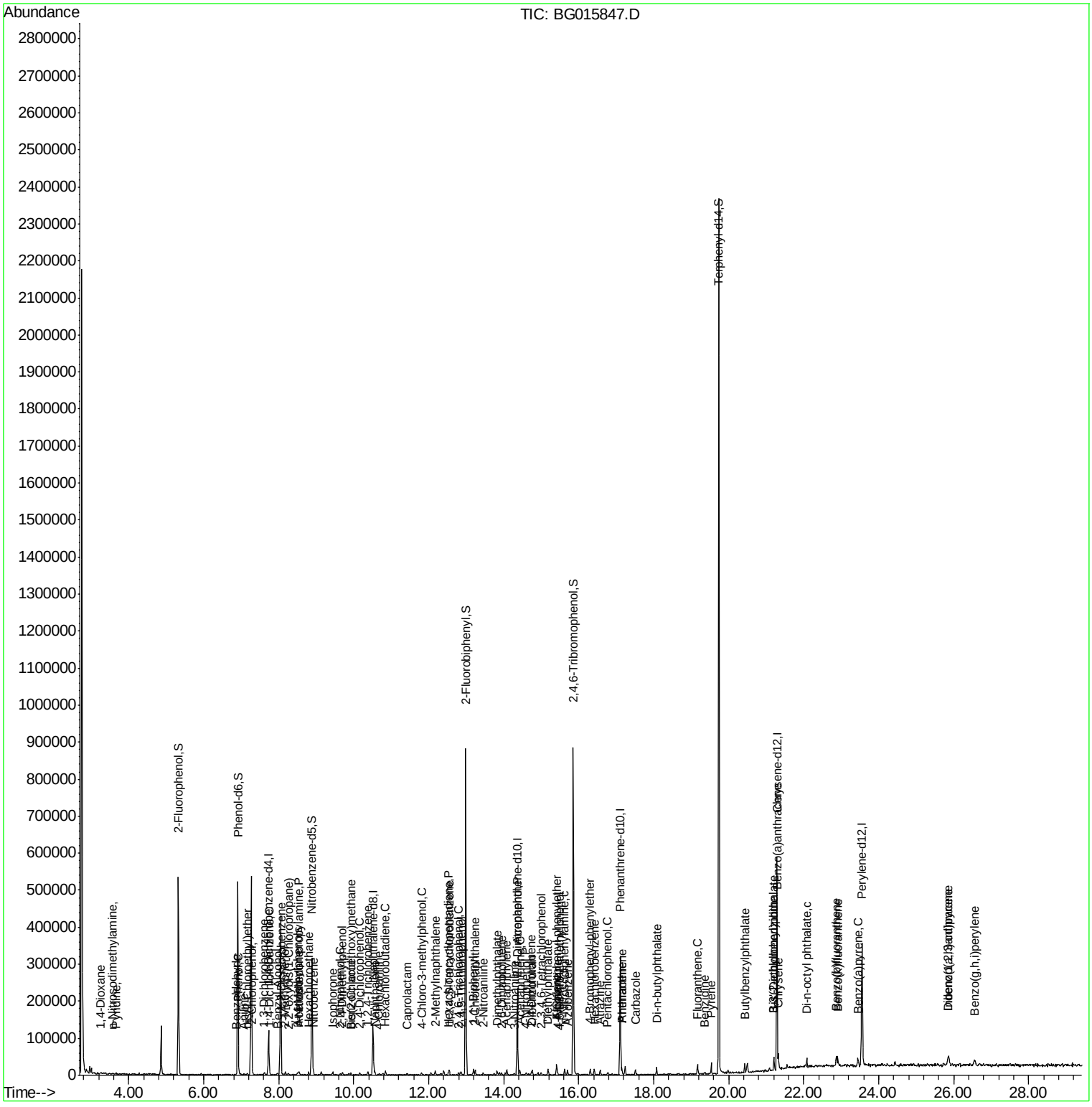
(#) = qualifier out of range (m) = manual integration (+) = signals summed

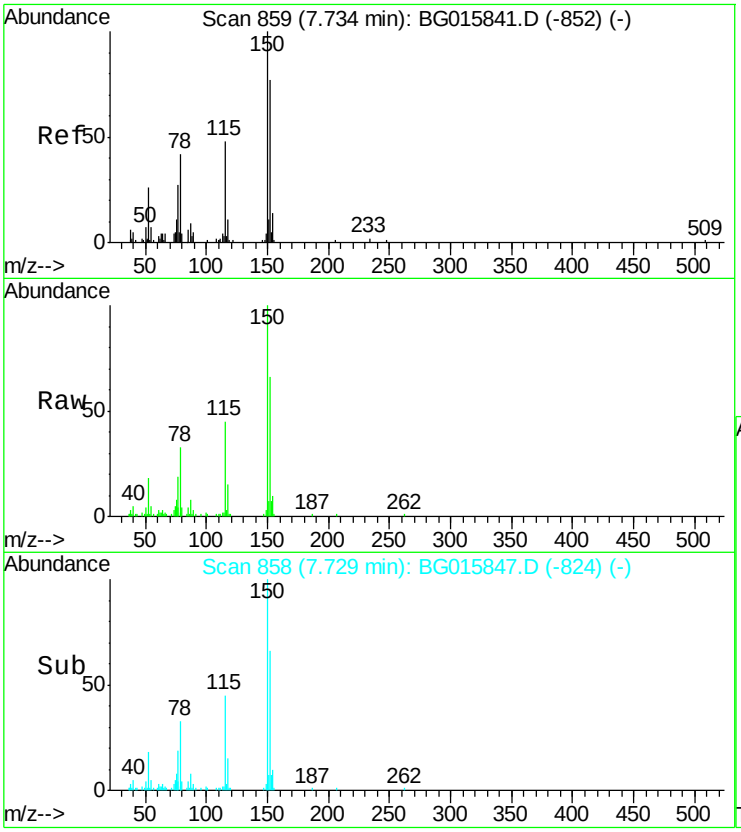
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010515\
Data File : BG015847.D
Acq On : 5 Jan 2015 17:52
Operator : TP/IZ
Sample : G1001-05-S
Misc : LOD-SOIL-1PPM
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Quant Time: Jan 06 06:12:09 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 06 06:05:51 2015
Response via : Initial Calibration



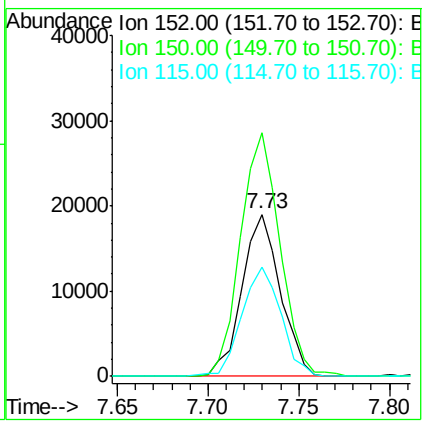


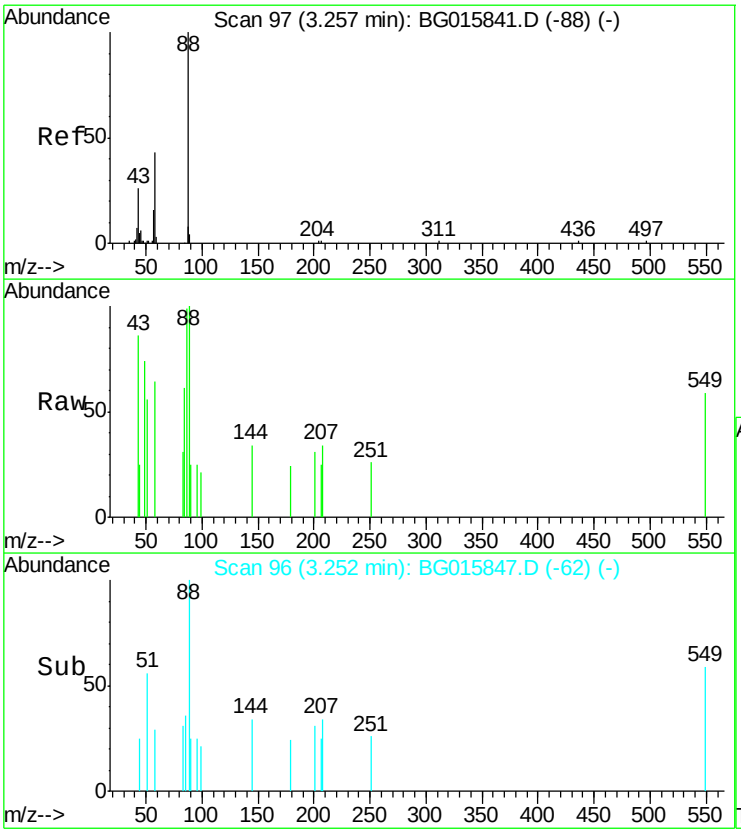
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.73 min Scan# 858
Delta R.T. -0.00 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:152 Resp: 27856

Ion	Ratio	Lower	Upper
152	100		
150	150.6	103.9	155.9
115	67.5	50.2	75.2

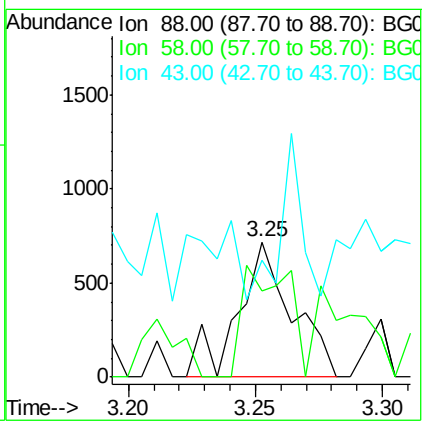


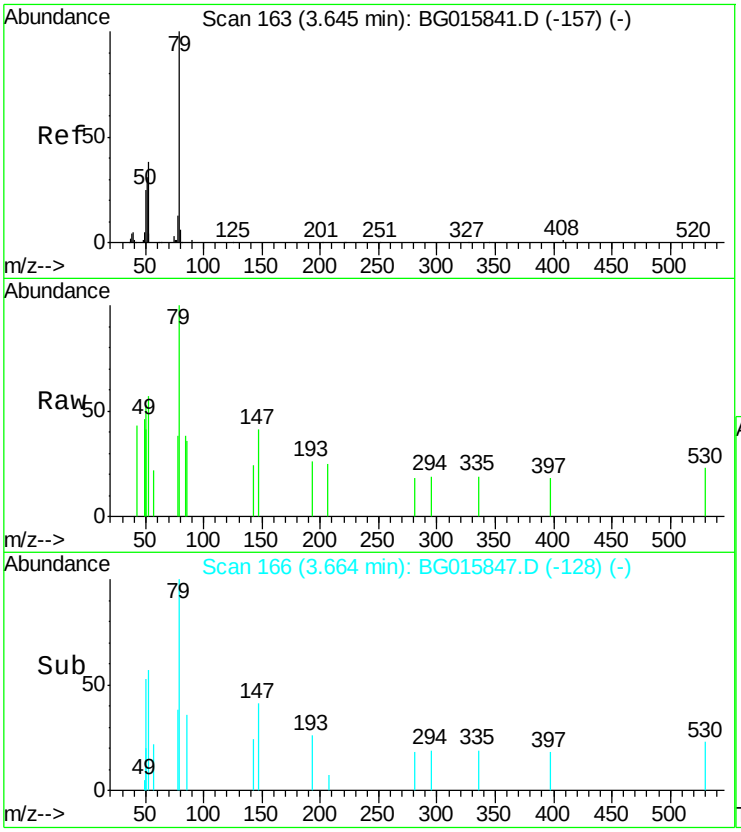


#2
1,4-Dioxane
Concen: 1.44 ng
RT: 3.25 min Scan# 96
Delta R.T. -0.00 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Tgt Ion: 88 Resp: 1070

Ion	Ratio	Lower	Upper
88	100		
58	69.3	37.9	56.9#
43	43.7	20.7	31.1#



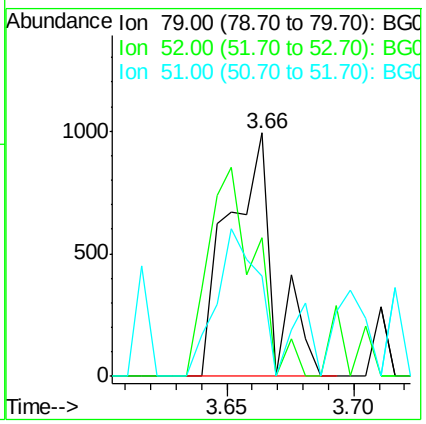


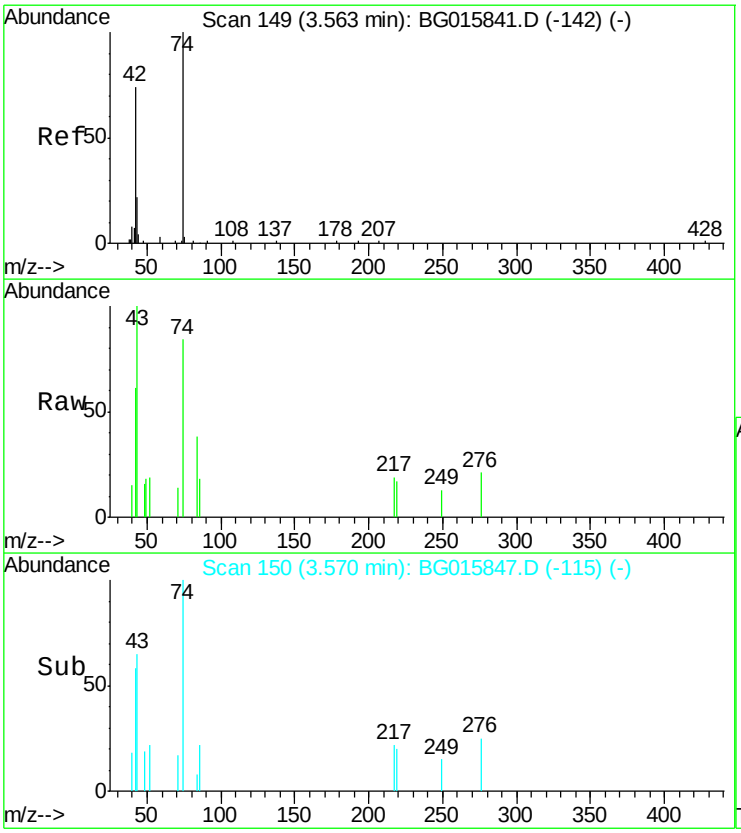
#3
Pyridine
Concen: 0.61 ng
RT: 3.66 min Scan# 166
Delta R.T. 0.02 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion: 79 Resp: 1238

Ion	Ratio	Lower	Upper
79	100		
52	57.1	30.6	46.0#
51	41.4	24.9	37.3#

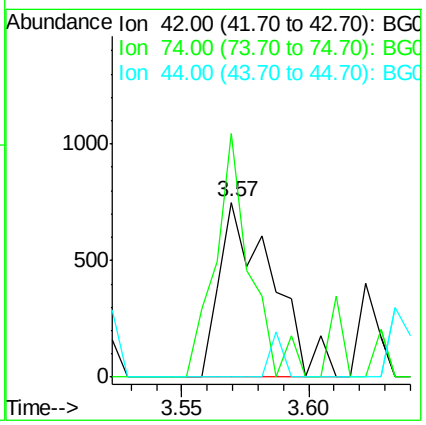


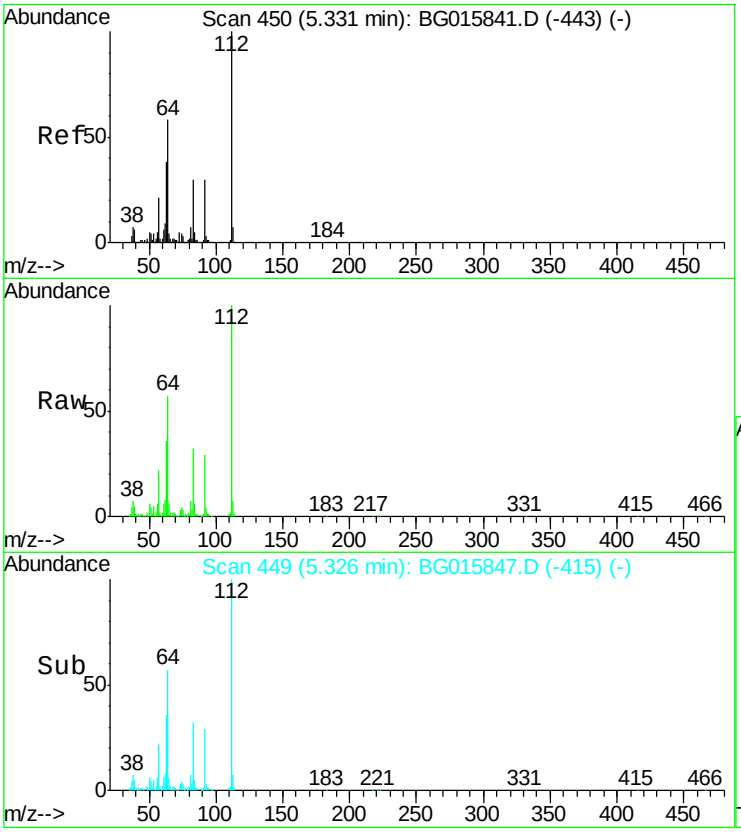


#4
n-Nitrosodimethylamine
Concen: 1.25 ng
RT: 3.57 min Scan# 150
Delta R.T. 0.00 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Tgt Ion: 42 Resp: 1091

Ion	Ratio	Lower	Upper
42	100		
74	139.0	108.8	163.2
44	0.0	4.4	6.6#



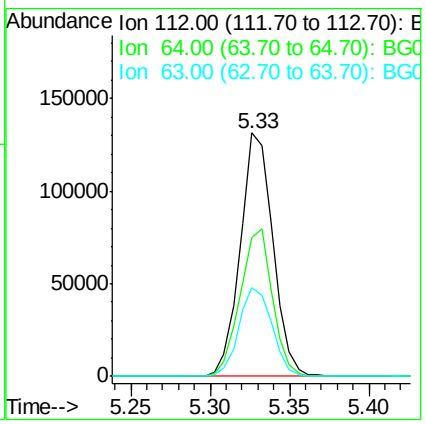


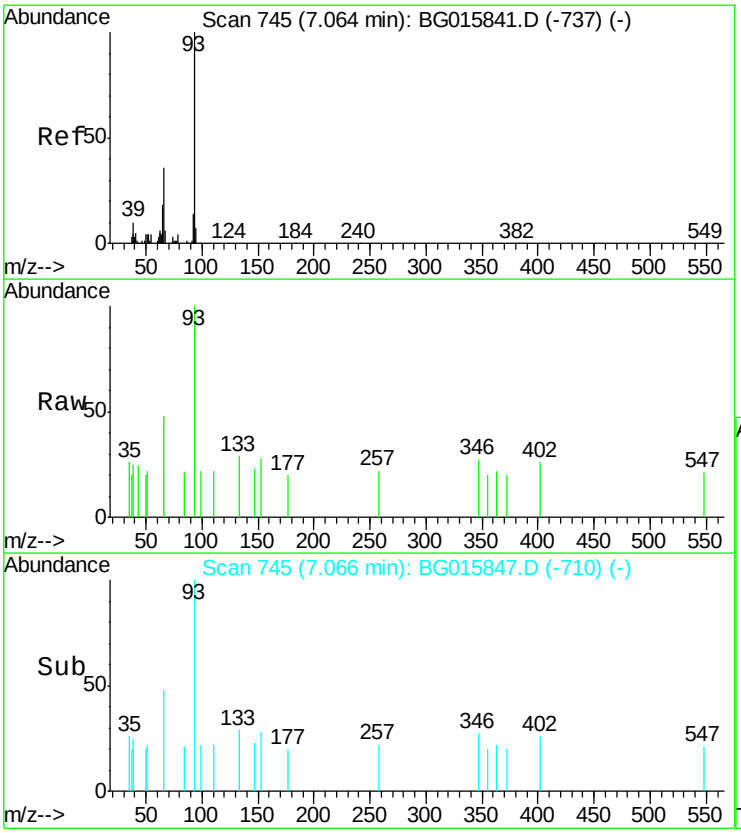
#5
2-Fluorophenol
Concen: 58.03 ng
RT: 5.33 min Scan# 449
Delta R.T. -0.00 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:112 Resp: 187961

Ion	Ratio	Lower	Upper
112	100		
64	57.0	46.8	70.2
63	36.3	30.6	45.8

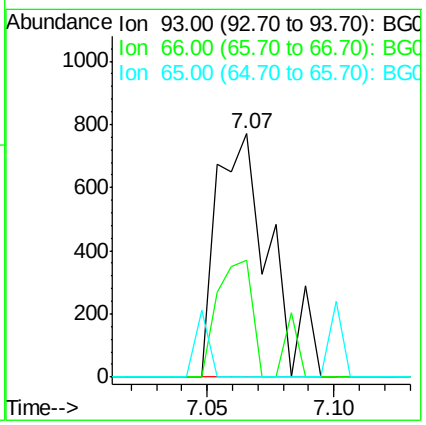


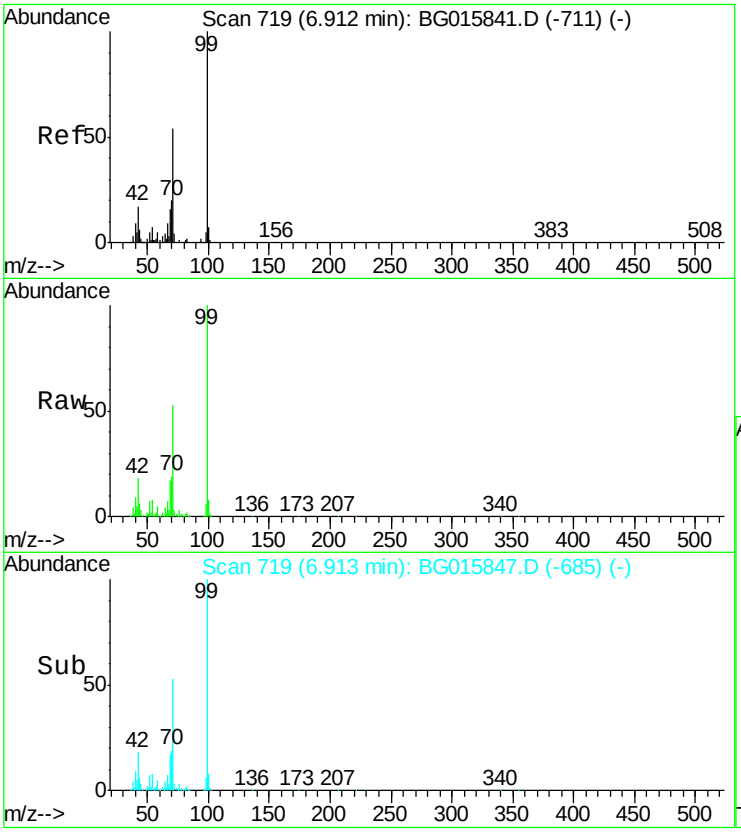


#6
Aniline
Concen: 0.37 ng
RT: 7.07 min Scan# 745
Delta R.T. 0.00 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Tgt Ion: 93 Resp: 1125

Ion	Ratio	Lower	Upper
93	100		
66	48.2	28.7	43.1#
65	0.0	14.7	22.1#



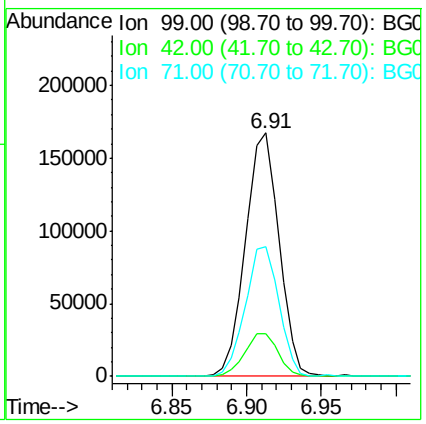


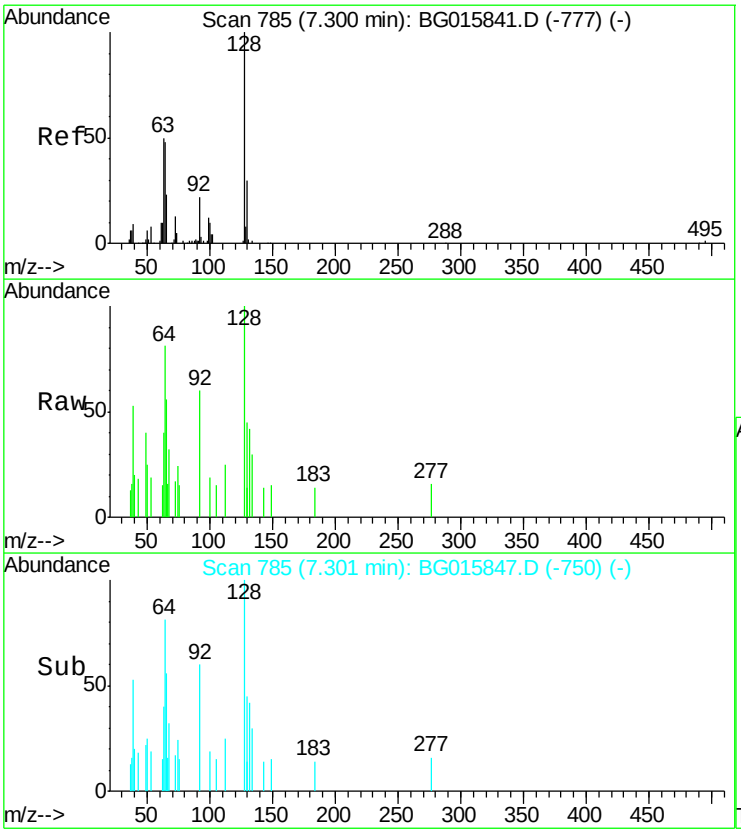
#7
Phenol-d6
Concen: 57.65 ng
RT: 6.91 min Scan# 719
Delta R.T. -0.00 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion: 99 Resp: 260054

Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.8	20.8
71	53.2	42.8	64.2

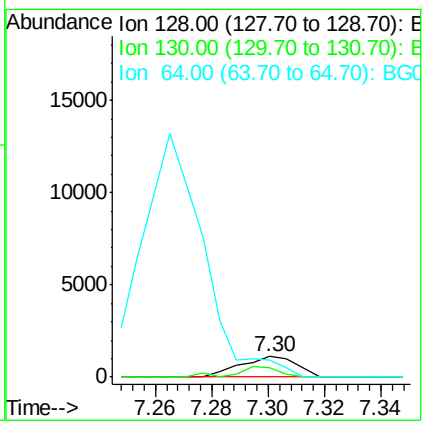


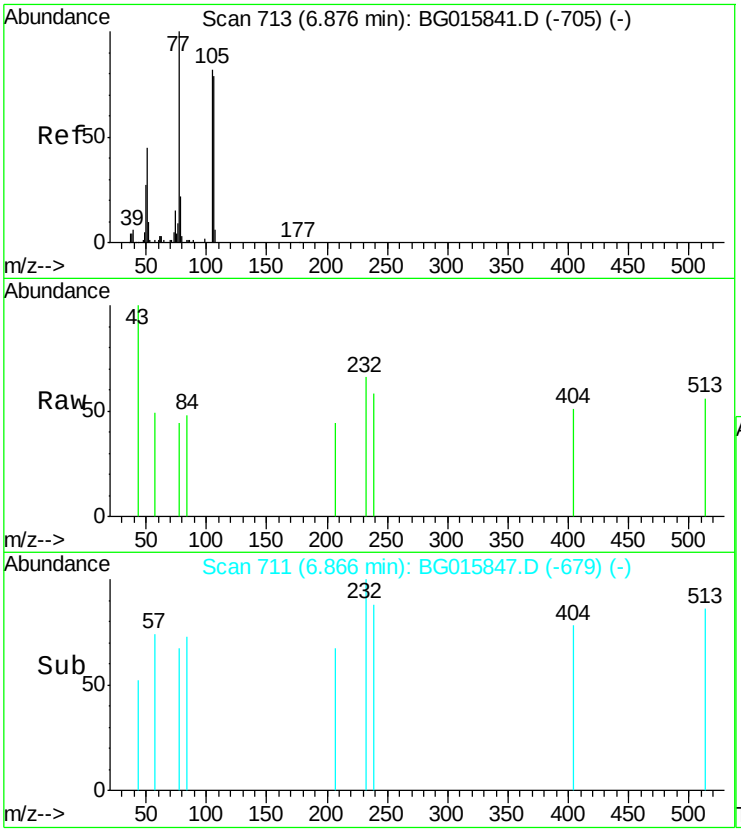


#8
2-Chlorophenol
Concen: 0.91 ng
RT: 7.30 min Scan# 785
Delta R.T. 0.00 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Tgt Ion:128 Resp: 1527

Ion	Ratio	Lower	Upper
128	100		
130	45.3	10.6	50.6
64	81.4	36.4	76.4#



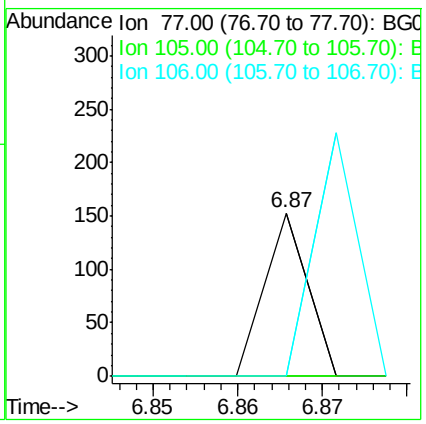


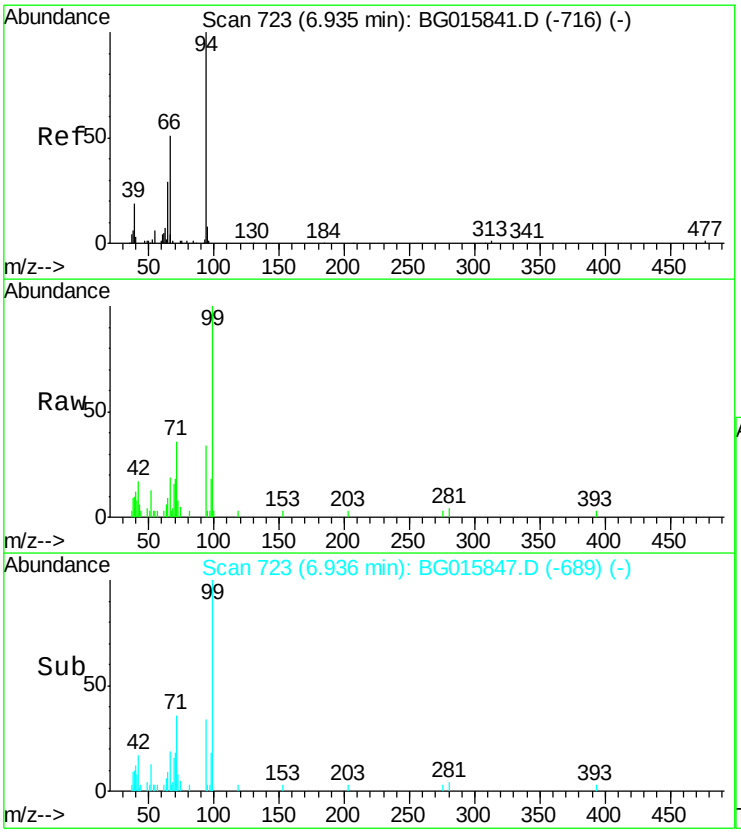
#9
Benzaldehyde
Concen: 0.04 ng
RT: 6.87 min Scan# 711
Delta R.T. -0.01 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion: 77 Resp: 54

Ion	Ratio	Lower	Upper
77	100		
105	0.0	62.4	102.4#
106	0.0	59.5	99.5#

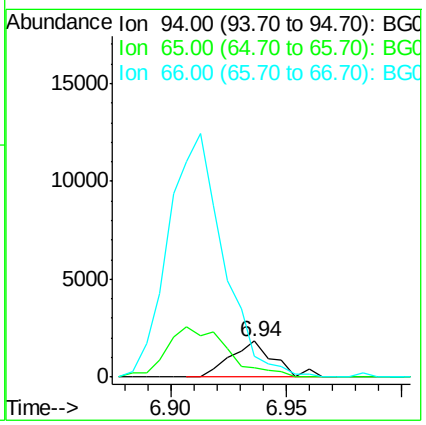


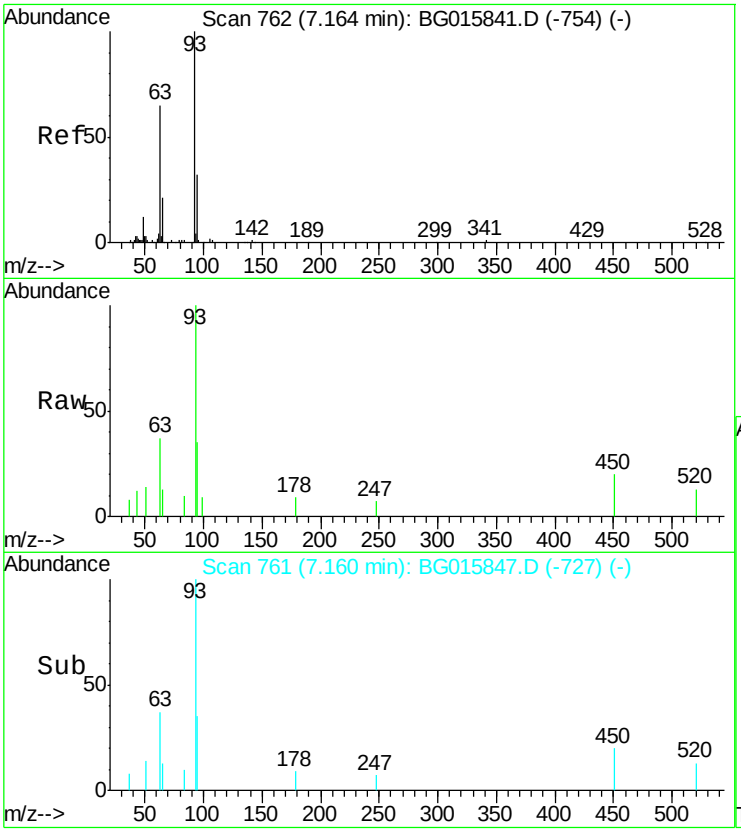


#10
Phenol
Concen: 0.97 ng
RT: 6.94 min Scan# 723
Delta R.T. -0.00 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Tgt Ion: 94 Resp: 2394

Ion	Ratio	Lower	Upper
94	100		
65	27.6	9.7	49.7
66	57.0	33.8	73.8



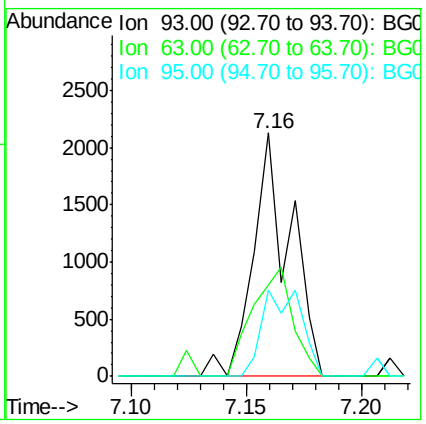


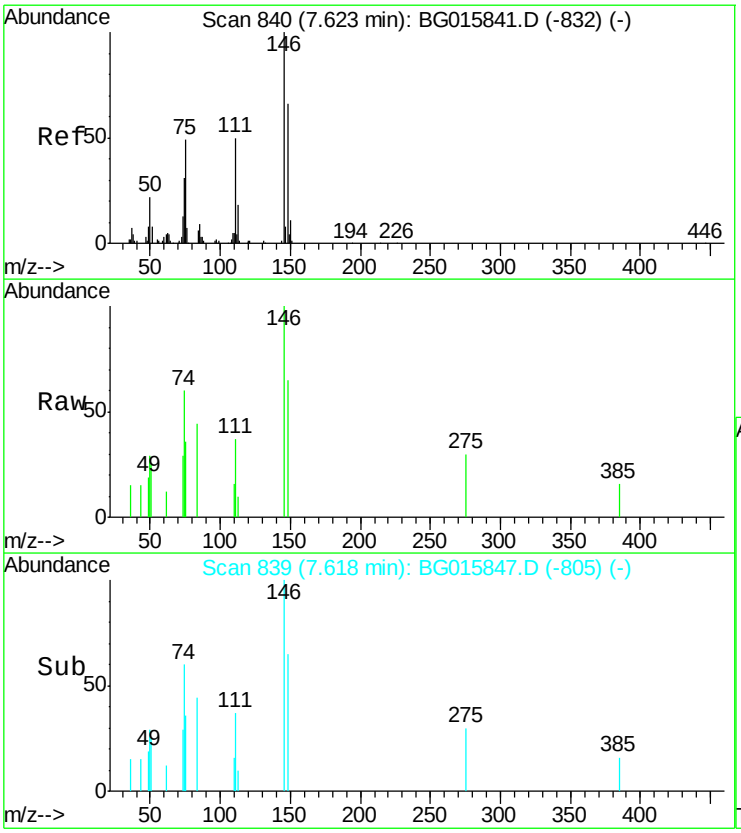
#11
bis(2-Chloroethyl)ether
Concen: 1.31 ng
RT: 7.16 min Scan# 761
Delta R.T. -0.00 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion: 93 Resp: 2369

Ion	Ratio	Lower	Upper
93	100		
63	37.3	45.1	85.1#
95	35.2	12.1	52.1

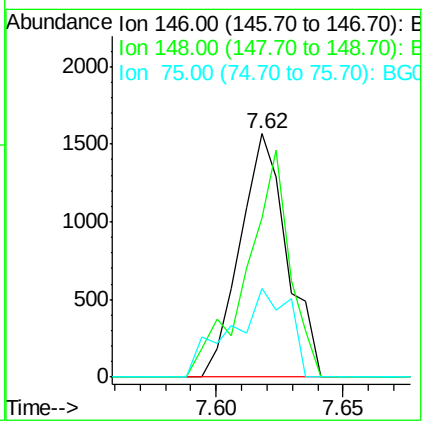


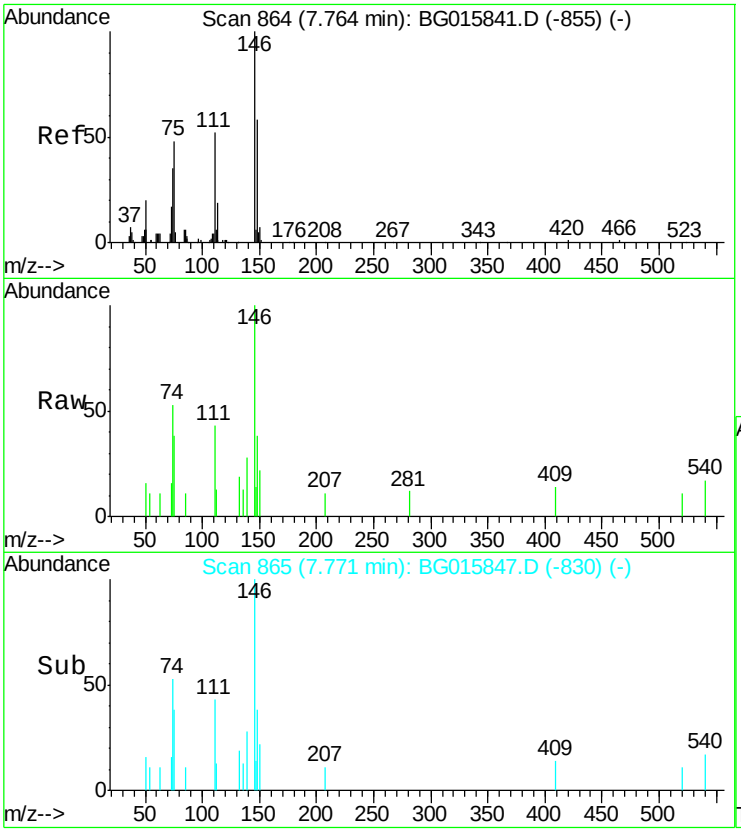


#12
1,3-Dichlorobenzene
Concen: 1.01 ng
RT: 7.62 min Scan# 839
Delta R.T. -0.00 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Tgt Ion:146 Resp: 2021

Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.5	78.7
75	36.5	38.9	58.3#



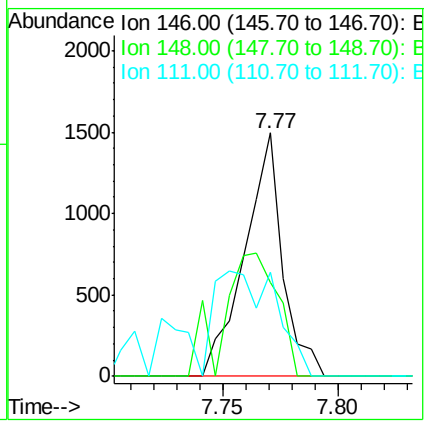


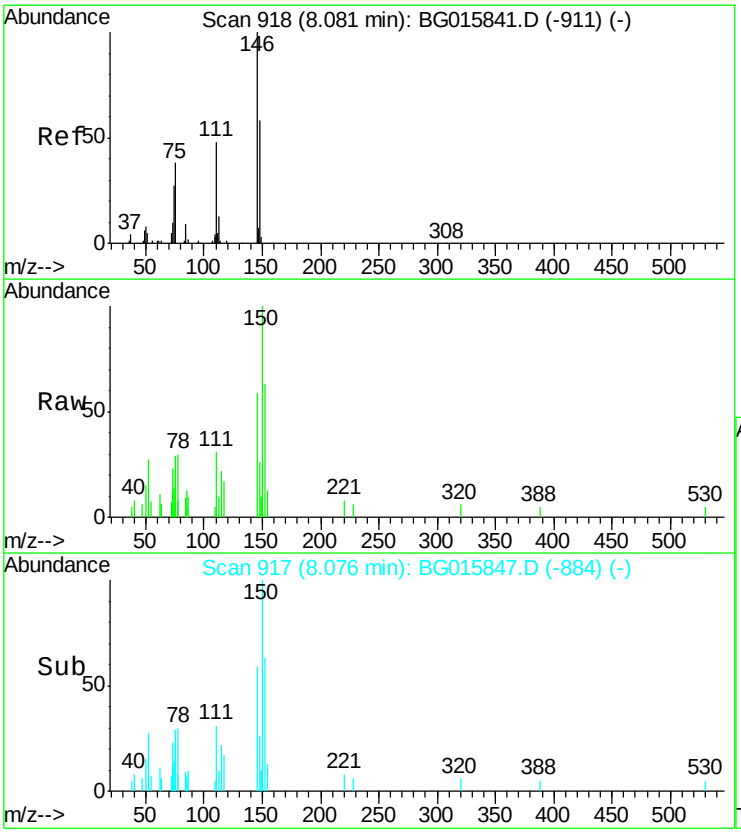
#13
1,4-Dichlorobenzene
Concen: 0.84 ng
RT: 7.77 min Scan# 865
Delta R.T. 0.00 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:146 Resp: 1710

Ion	Ratio	Lower	Upper
146	100		
148	38.3	46.5	69.7#
111	43.0	41.8	62.6

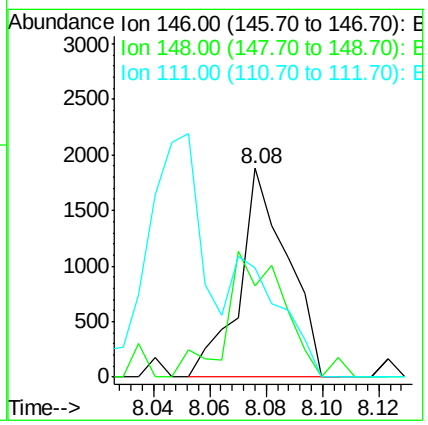


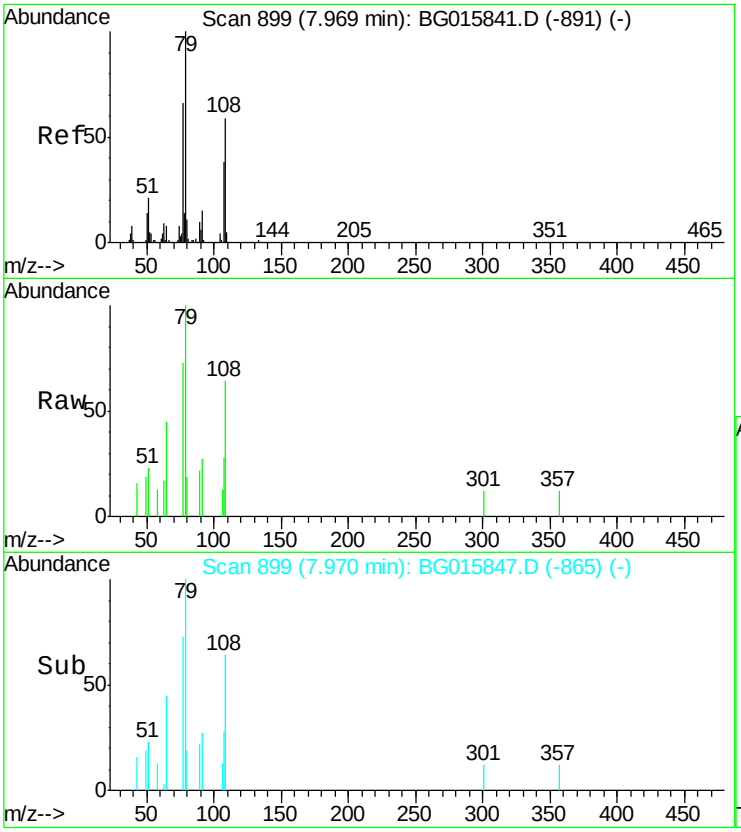


#14
1,2-Dichlorobenzene
Concen: 1.14 ng
RT: 8.08 min Scan# 917
Delta R.T. -0.01 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Tgt Ion:146 Resp: 2219

Ion	Ratio	Lower	Upper
146	100		
148	44.0	46.7	70.1#
111	52.6	39.6	59.4



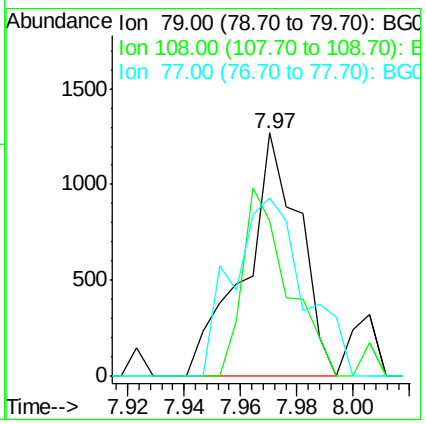


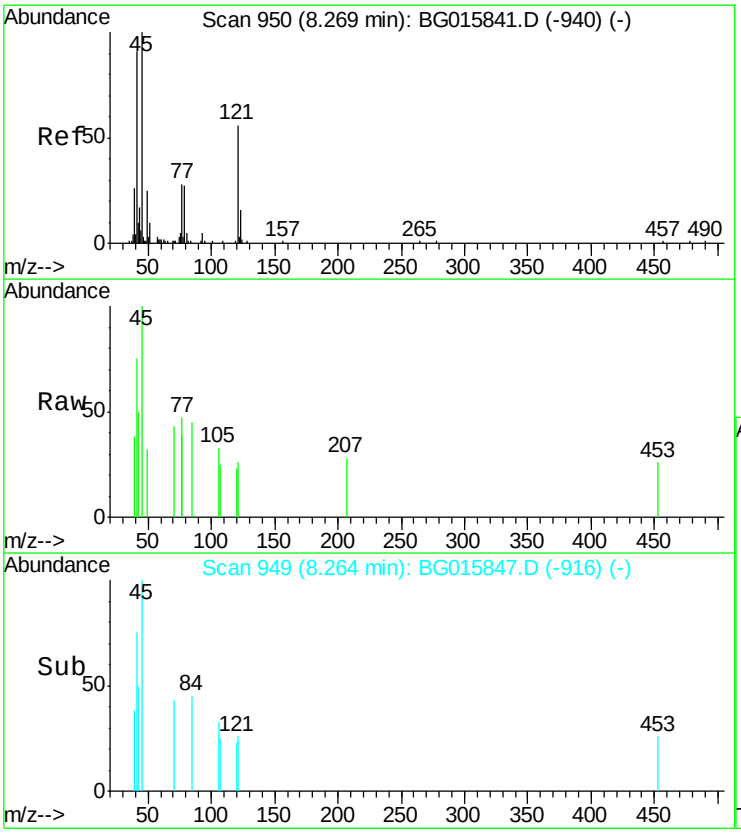
#15
Benzyl Alcohol
Concen: 0.77 ng
RT: 7.97 min Scan# 899
Delta R.T. -0.00 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion: 79 Resp: 1705

Ion	Ratio	Lower	Upper
79	100		
108	63.7	47.0	70.4
77	73.1	53.1	79.7

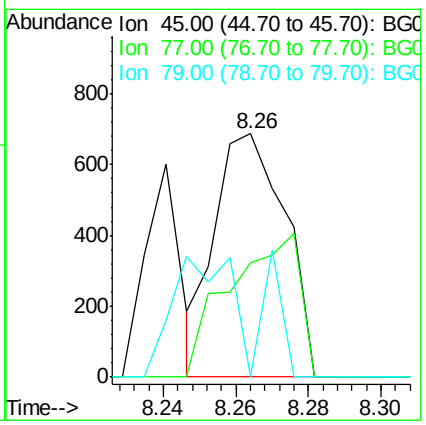


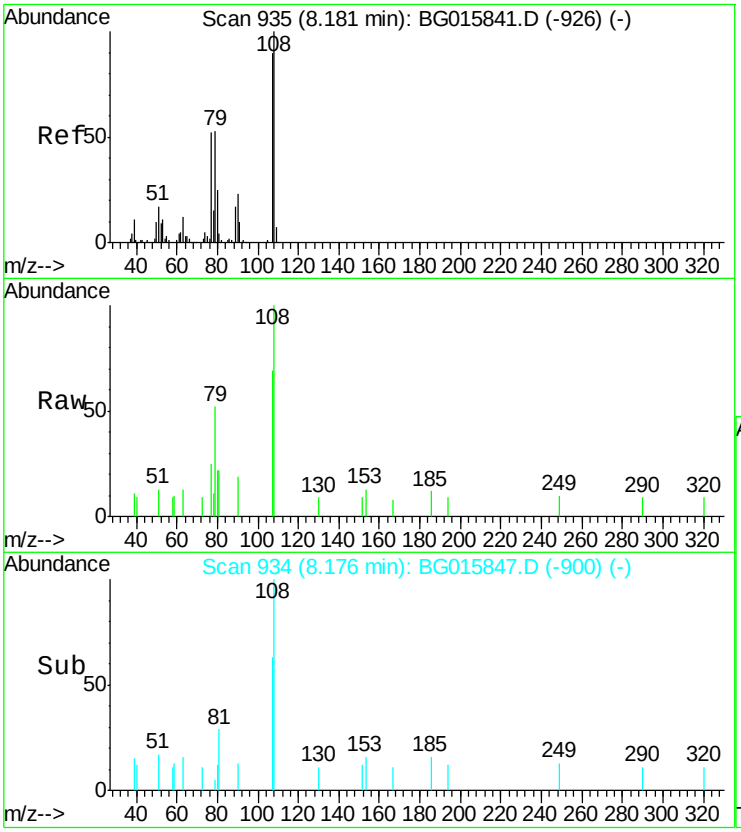


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.80 ng
RT: 8.26 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Tgt Ion: 45 Resp: 923

Ion	Ratio	Lower	Upper
45	100		
77	46.9	9.7	49.7
79	0.0	7.8	47.8#



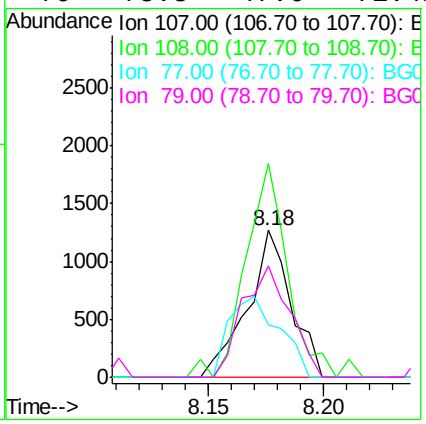


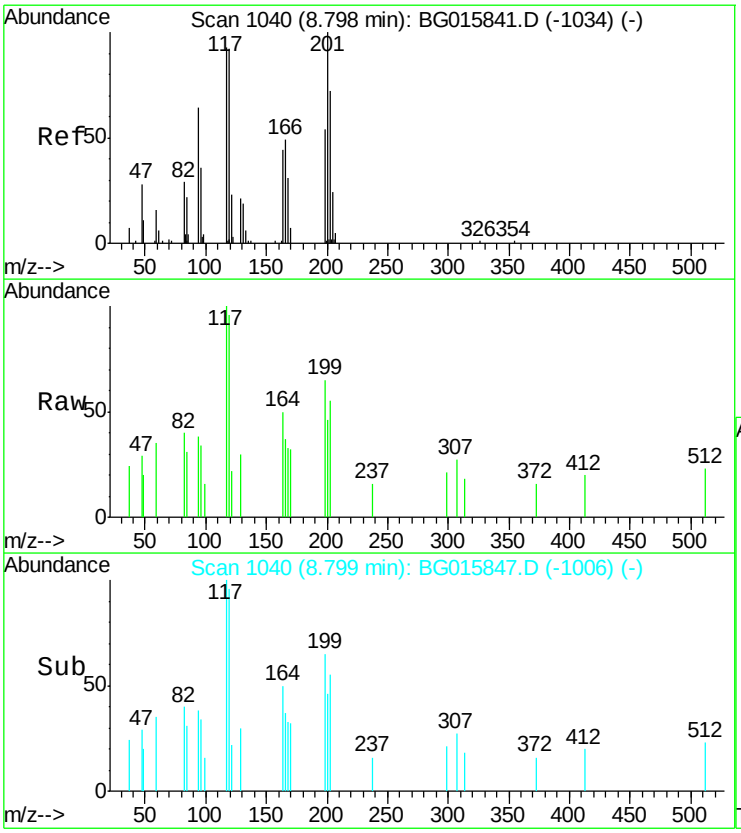
#17
2-Methylphenol
Concen: 1.00 ng
RT: 8.18 min Scan# 934
Delta R.T. -0.00 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:107 Resp: 1668

Ion	Ratio	Lower	Upper
107	100		
108	145.6	88.9	133.3#
77	36.2	46.6	69.8#
79	75.8	47.6	71.4#

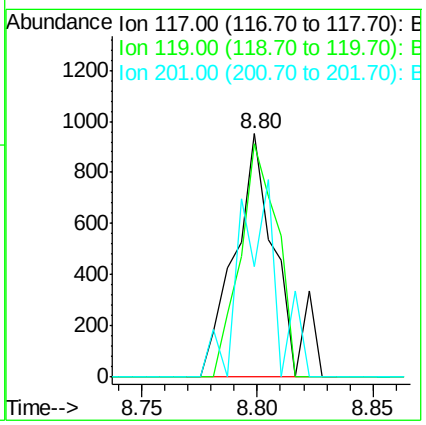


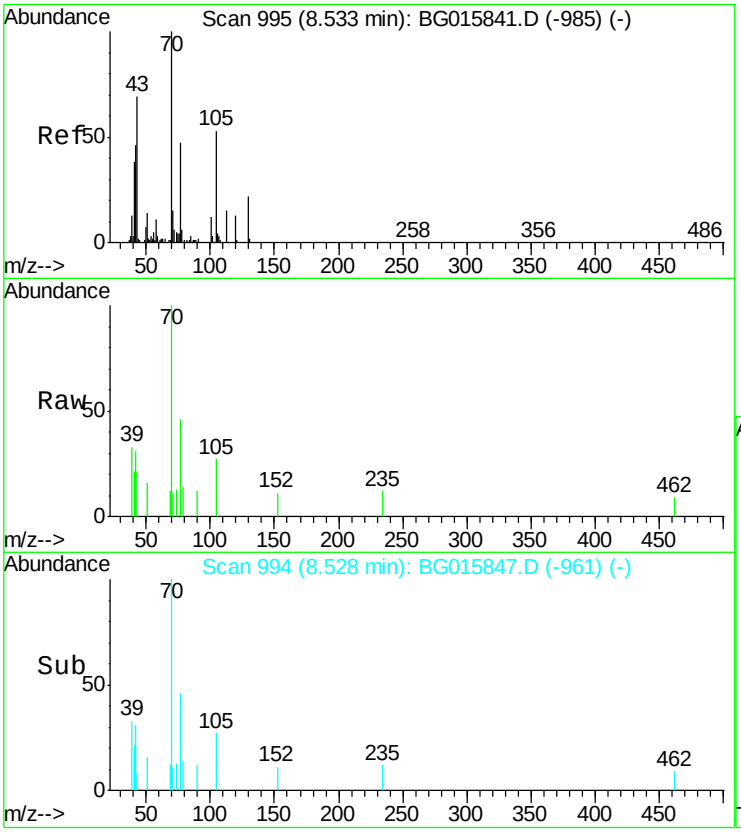


#18
Hexachloroethane
Concen: 1.27 ng
RT: 8.80 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Tgt Ion:117 Resp: 1201

Ion	Ratio	Lower	Upper
117	100		
119	96.0	79.5	119.3
201	45.6	84.8	127.2#



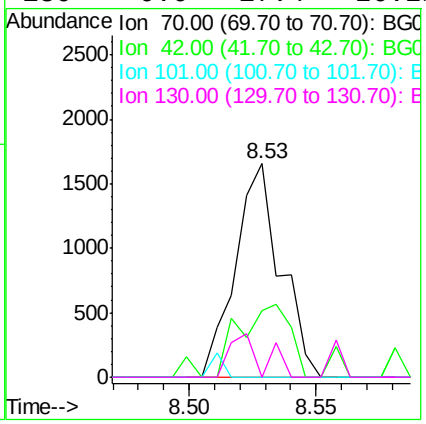


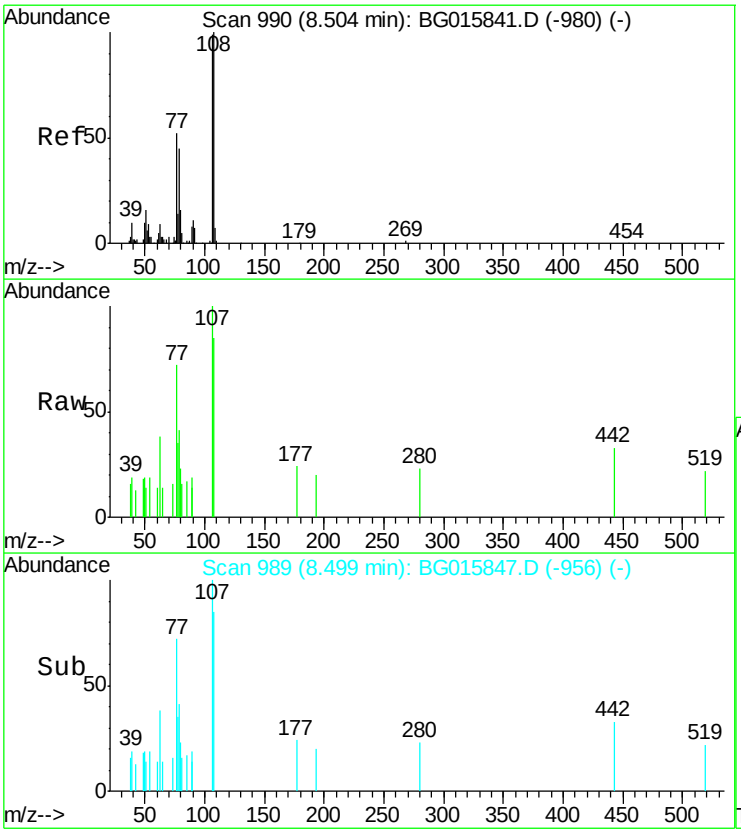
#19
n-Nitroso-di-n-propylamine
Concen: 1.17 ng
RT: 8.53 min Scan# 994
Delta R.T. -0.01 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion: 70 Resp: 2060

Ion	Ratio	Lower	Upper
70	100		
42	31.3	36.6	54.8#
101	0.0	9.4	14.2#
130	0.0	17.4	26.2#

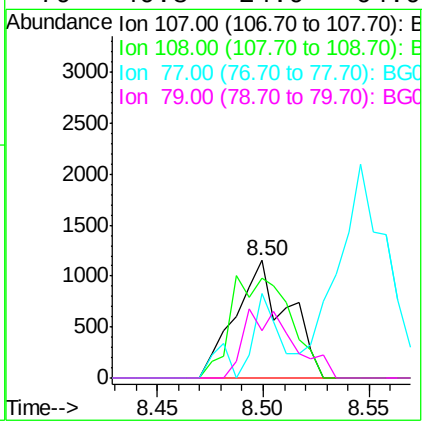


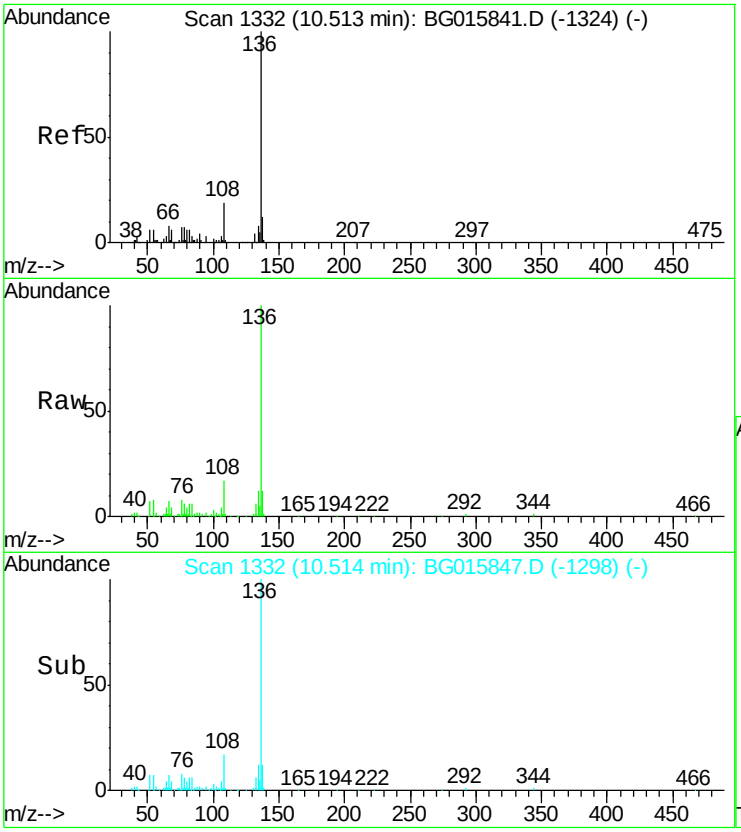


#20
3+4-Methylphenols
Concen: 0.89 ng
RT: 8.50 min Scan# 989
Delta R.T. -0.01 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Tgt Ion:107 Resp: 1987

Ion	Ratio	Lower	Upper
107	100		
108	85.4	80.9	120.9
77	72.2	32.1	72.1#
79	40.8	24.9	64.9



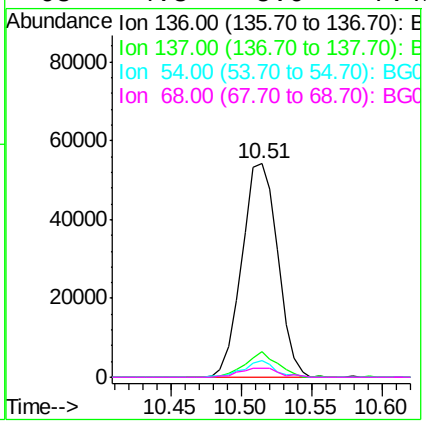


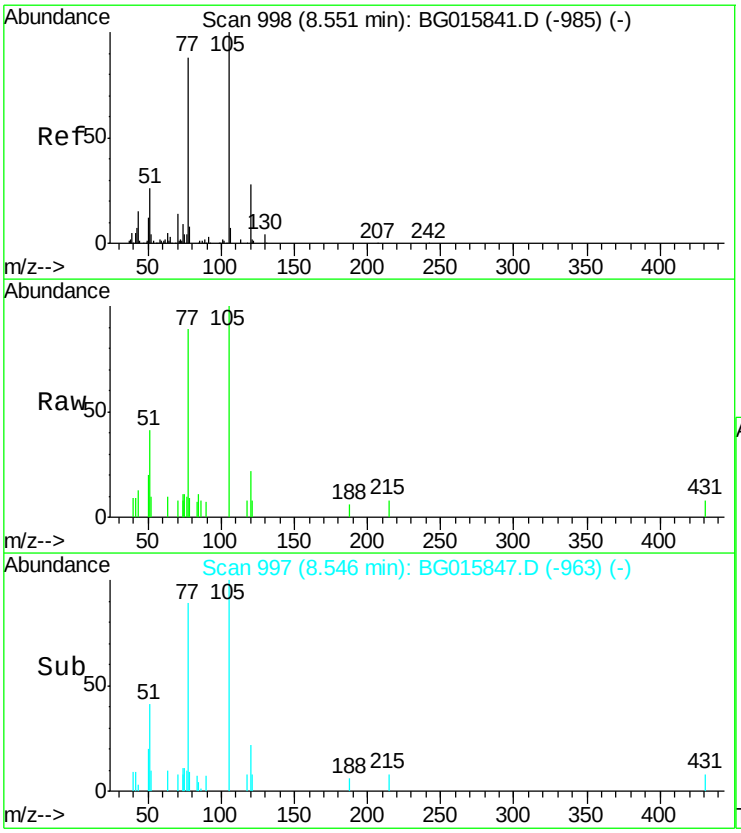
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.51 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:136 Resp: 96779

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.6	14.4
54	7.6	4.5	6.7#
68	4.3	5.0	7.4#

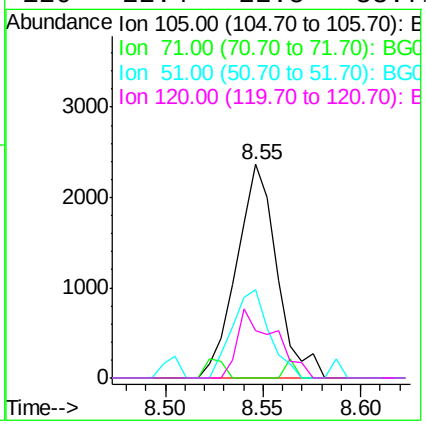


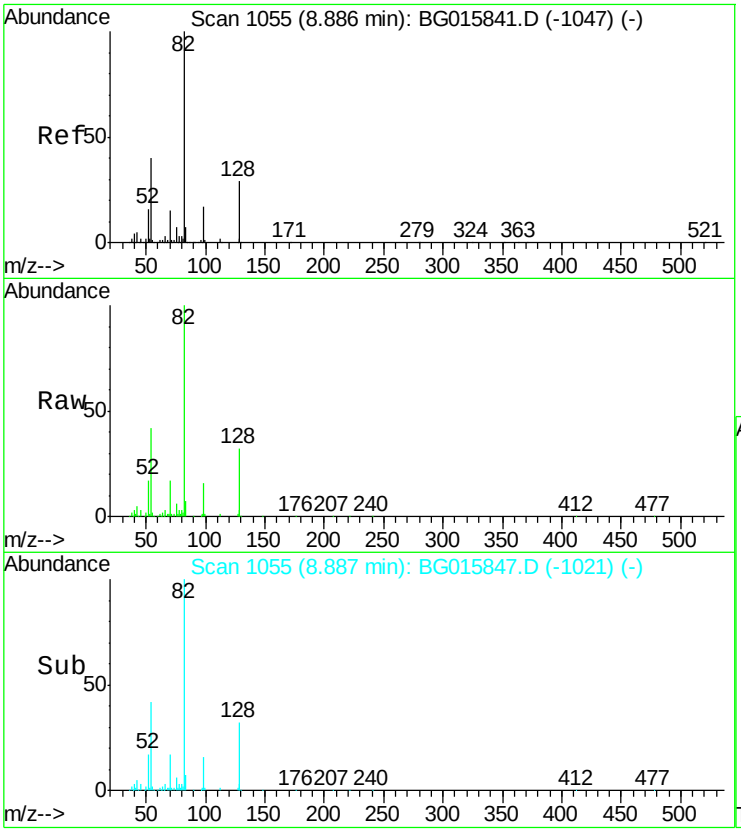


#22
Acetophenone
Concen: 1.19 ng
RT: 8.55 min Scan# 997
Delta R.T. -0.00 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Tgt Ion:105 Resp: 3385

Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.9	1.3#
51	41.2	21.4	32.2#
120	22.4	22.5	33.7#



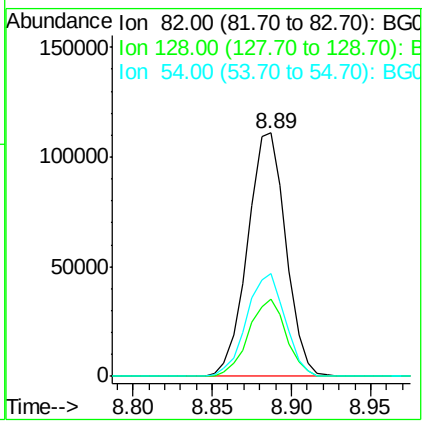


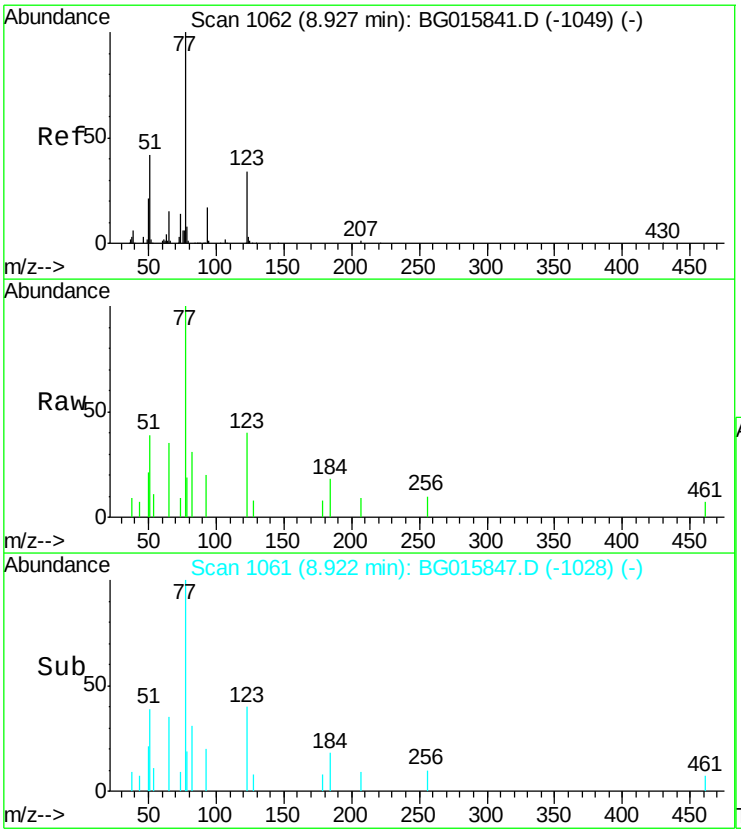
#23
Nitrobenzene-d5
Concen: 37.82 ng
RT: 8.89 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion: 82 Resp: 186539

Ion	Ratio	Lower	Upper
82	100		
128	31.8	23.4	35.0
54	42.3	32.3	48.5

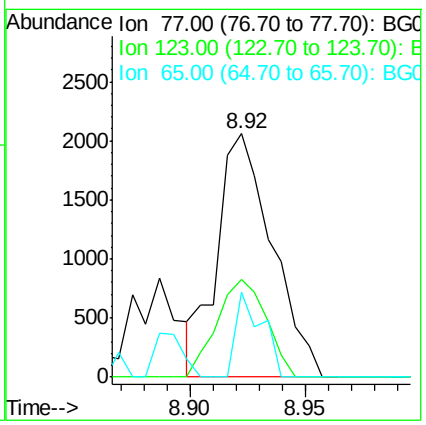


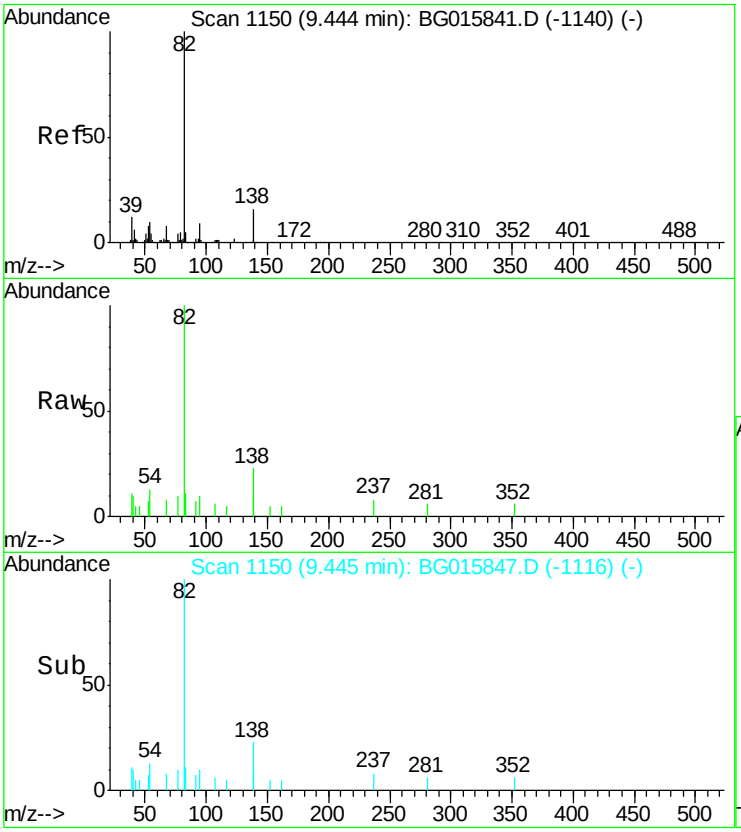


#24
Nitrobenzene
Concen: 1.38 ng
RT: 8.92 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Tgt Ion: 77 Resp: 3418

Ion	Ratio	Lower	Upper
77	100		
123	39.9	27.0	40.4
65	34.7	12.0	18.0#



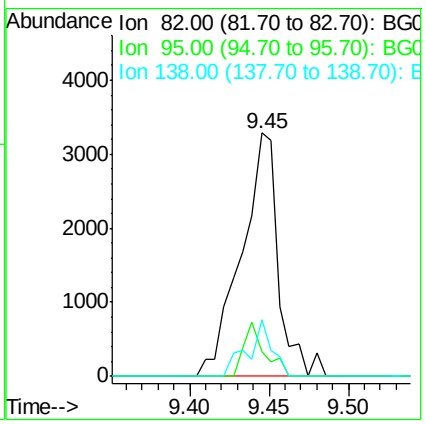


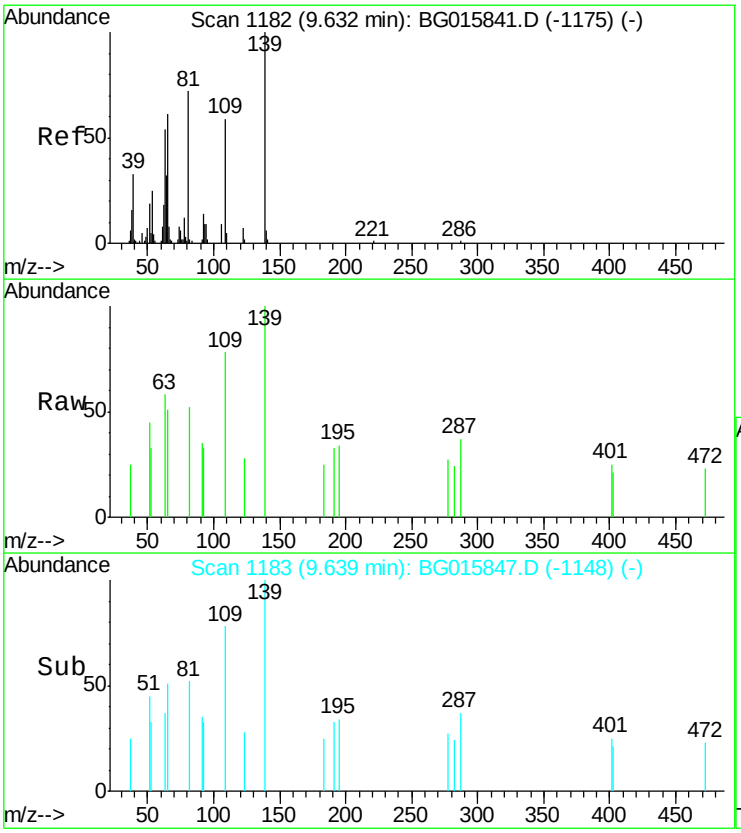
#25
Isophorone
Concen: 1.22 ng
RT: 9.45 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion: 82 Resp: 5349

Ion	Ratio	Lower	Upper
82	100		
95	10.3	7.5	11.3
138	23.1	12.6	18.8#

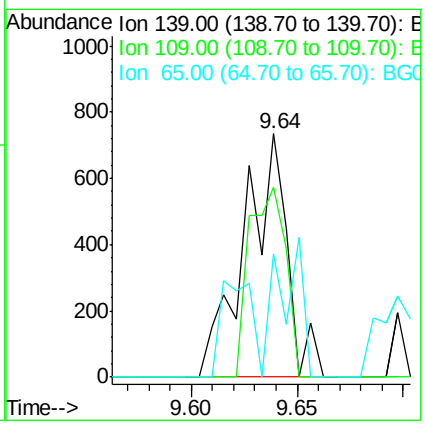


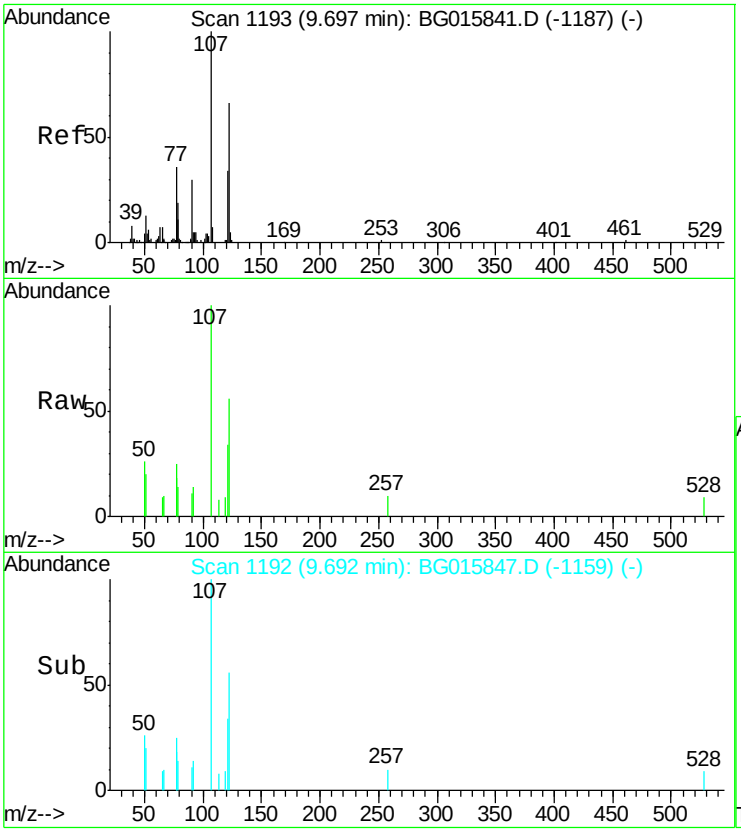


#26
2-Nitrophenol
Concen: 1.09 ng
RT: 9.64 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Tgt Ion:139 Resp: 1033

Ion	Ratio	Lower	Upper
139	100		
109	78.2	47.0	70.4#
65	50.6	48.5	72.7



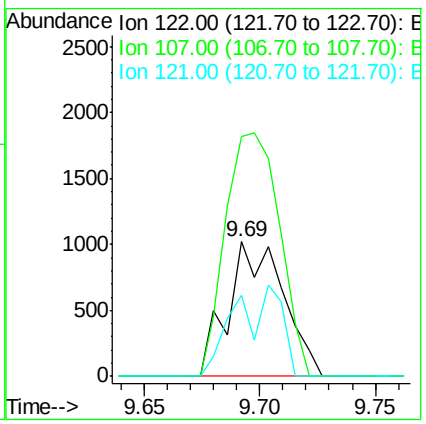


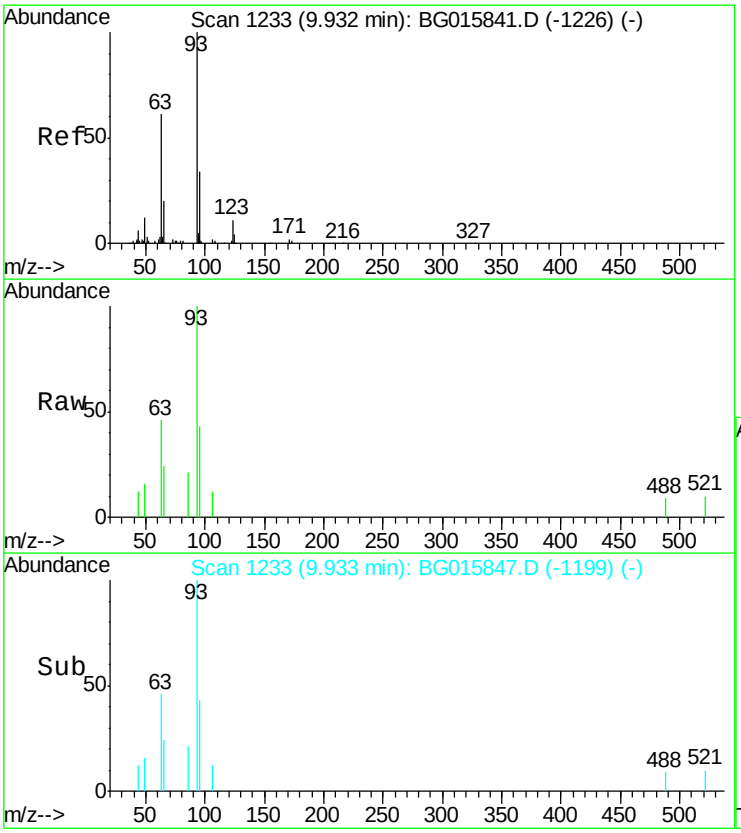
#27
2,4-Dimethylphenol
Concen: 1.07 ng
RT: 9.69 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:122 Resp: 1700

Ion	Ratio	Lower	Upper
122	100		
107	178.8	120.8	181.2
121	60.5	41.2	61.8

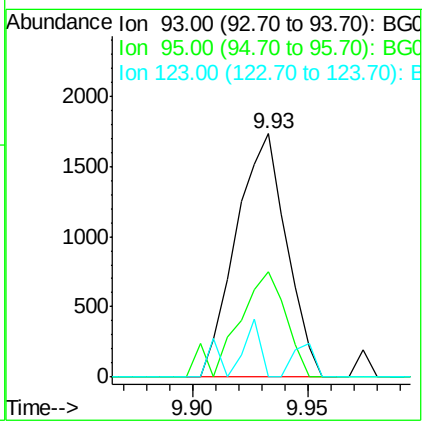


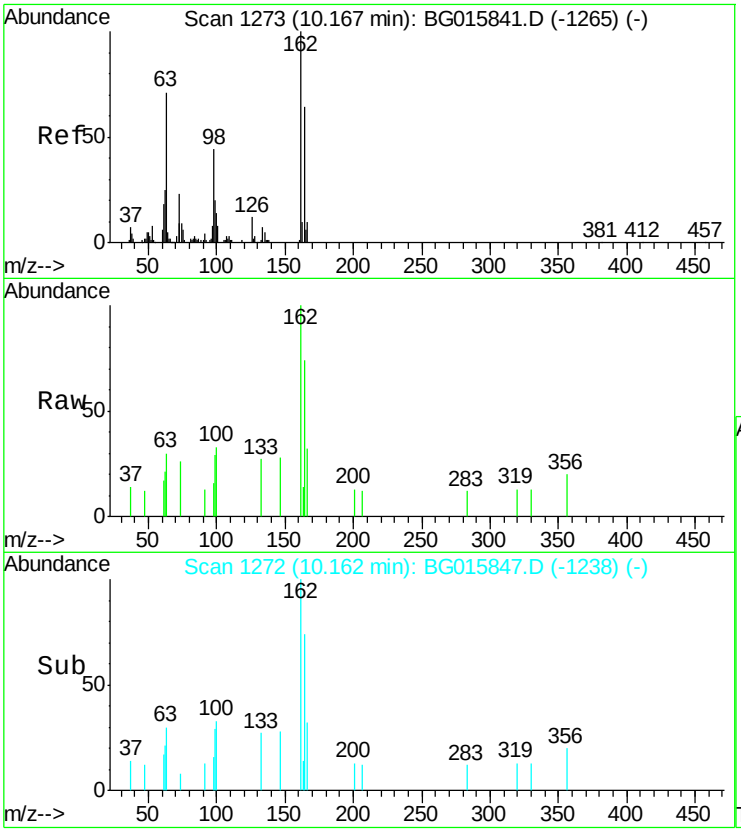


#28
bis(2-Chloroethoxy)methane
Concen: 1.22 ng
RT: 9.93 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Tgt Ion: 93 Resp: 2630

Ion	Ratio	Lower	Upper
93	100		
95	43.0	27.5	41.3#
123	0.0	9.1	13.7#



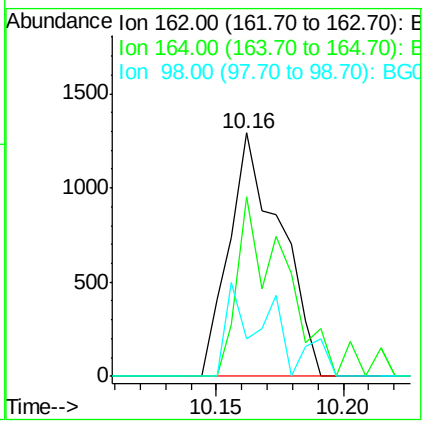


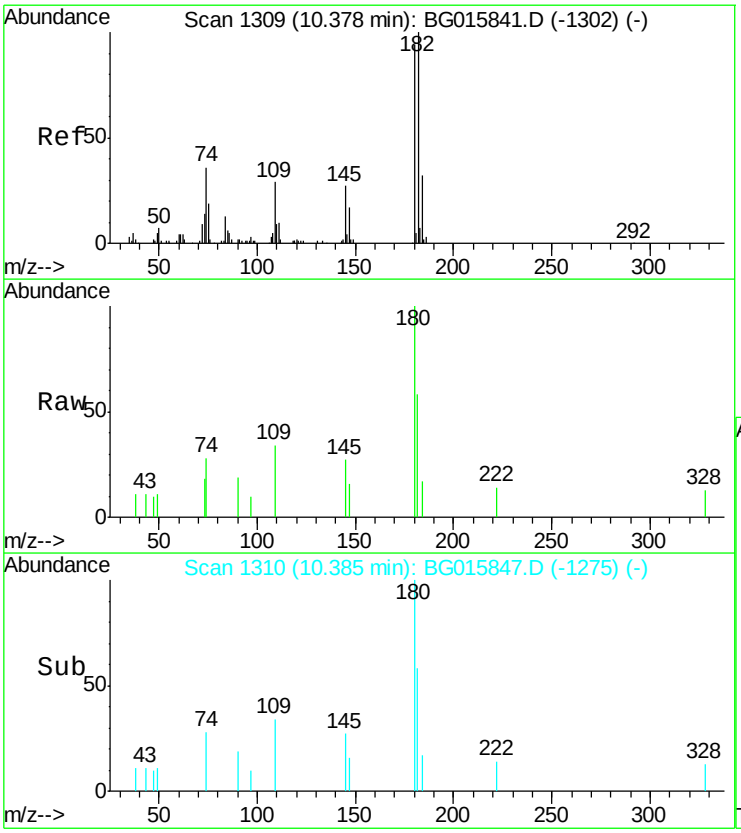
#29
2,4-Dichlorophenol
Concen: 1.13 ng
RT: 10.16 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:162 Resp: 1825

Ion	Ratio	Lower	Upper
162	100		
164	73.7	44.0	84.0
98	15.6	24.2	64.2#

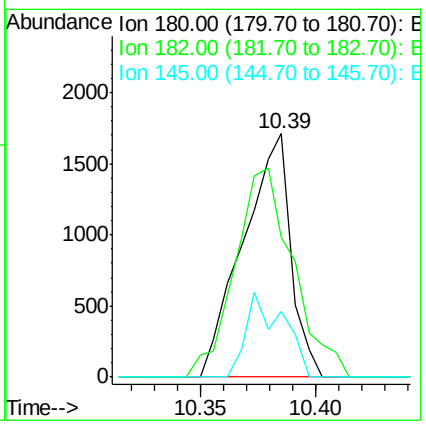


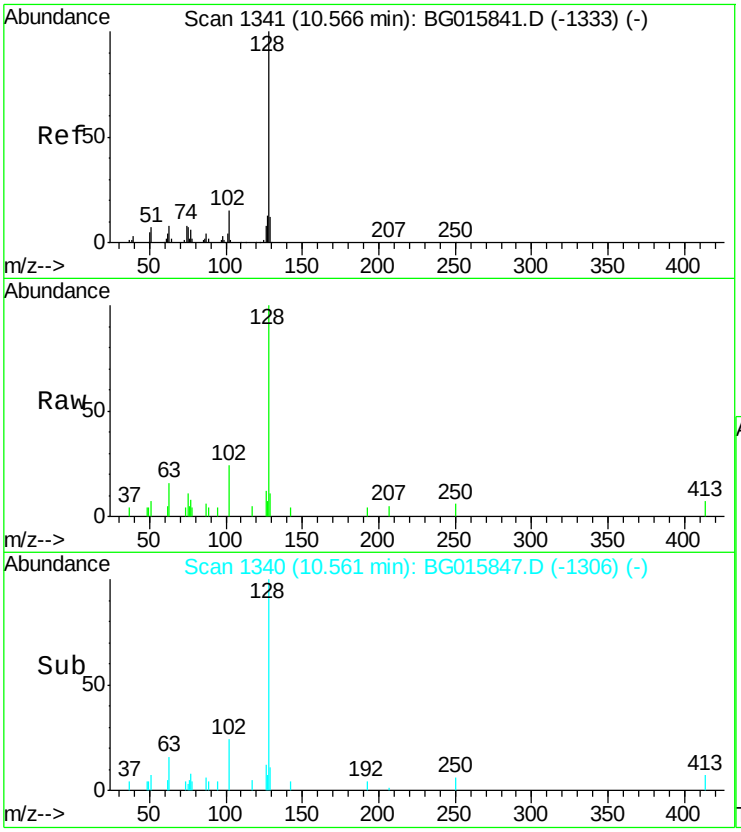


#30
1,2,4-Trichlorobenzene
Concen: 1.16 ng
RT: 10.39 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Tgt Ion:180 Resp: 2455

Ion	Ratio	Lower	Upper
180	100		
182	57.6	84.8	127.2#
145	26.8	22.8	34.2



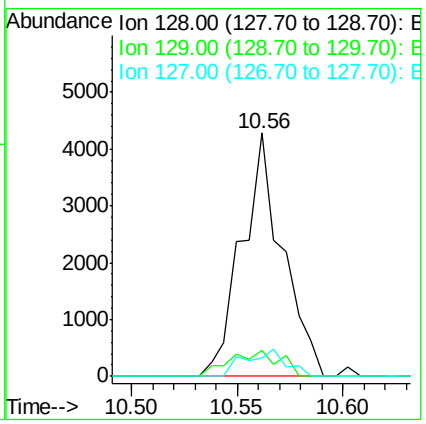


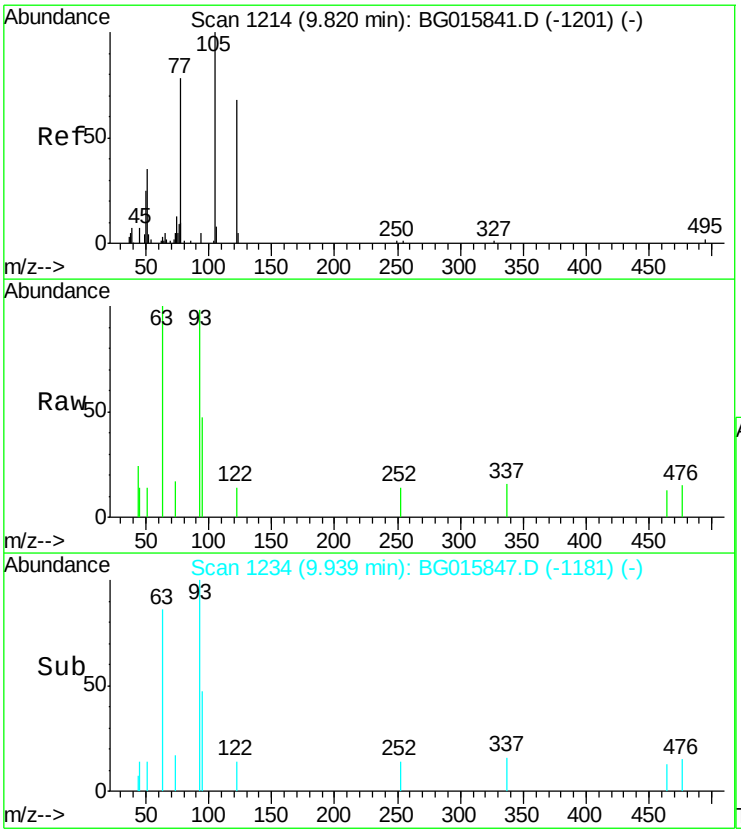
#31
Naphthalene
Concen: 1.11 ng
RT: 10.56 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:128 Resp: 5708

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.4	14.2
127	7.3	10.6	15.8#

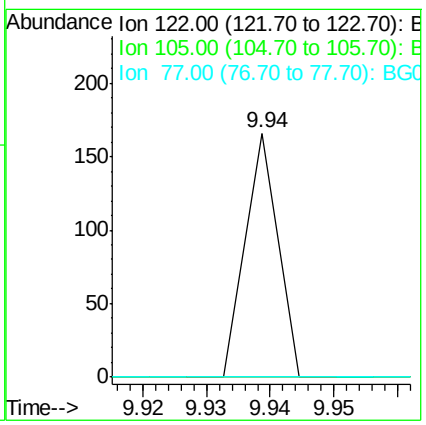


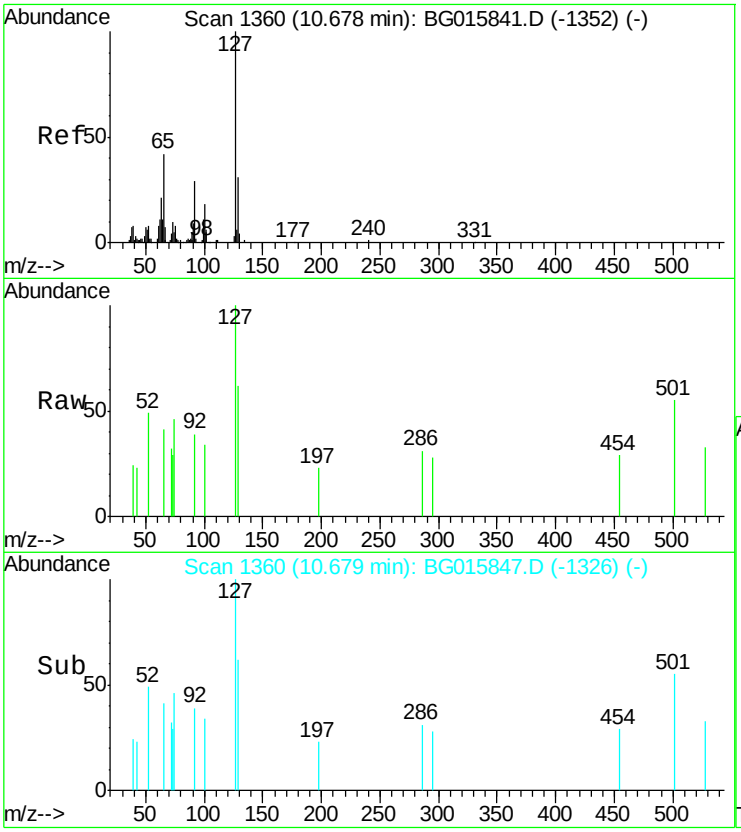


#32
Benzoic acid
Concen: 0.08 ng
RT: 9.94 min Scan# 1234
Delta R.T. 0.11 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Tgt Ion:122 Resp: 59

Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.7	163.7#
77	0.0	92.4	132.4#



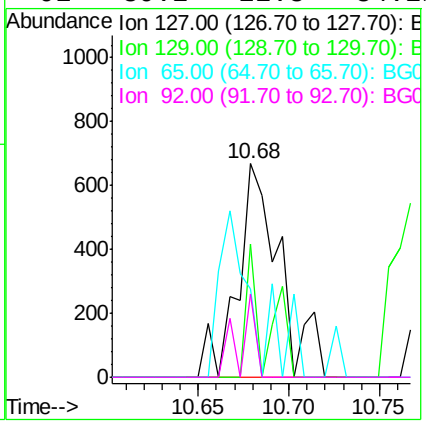


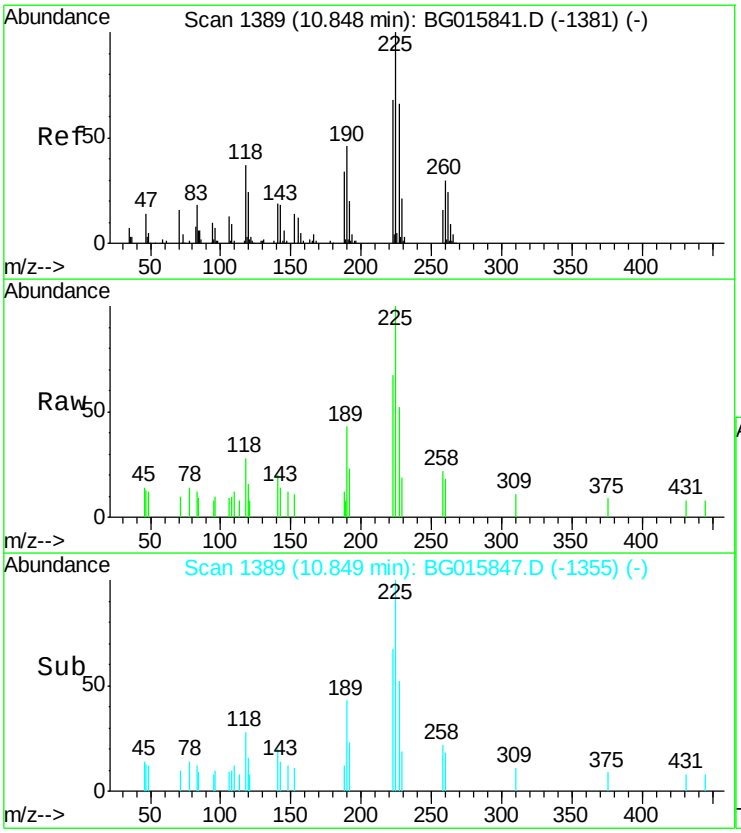
#33
4-Chloroaniline
Concen: 0.52 ng
RT: 10.68 min Scan# 1360
Delta R.T. -0.00 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:127 Resp: 1082

Ion	Ratio	Lower	Upper
127	100		
129	62.2	25.0	37.6#
65	41.1	33.3	49.9
92	39.2	22.8	34.2#

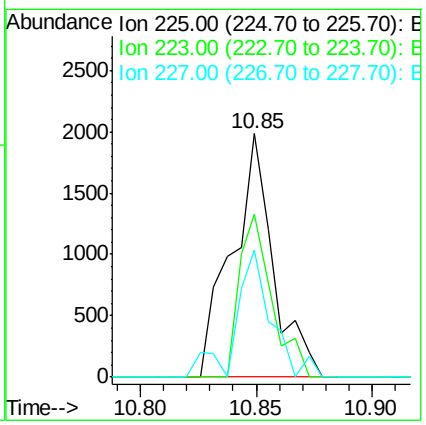


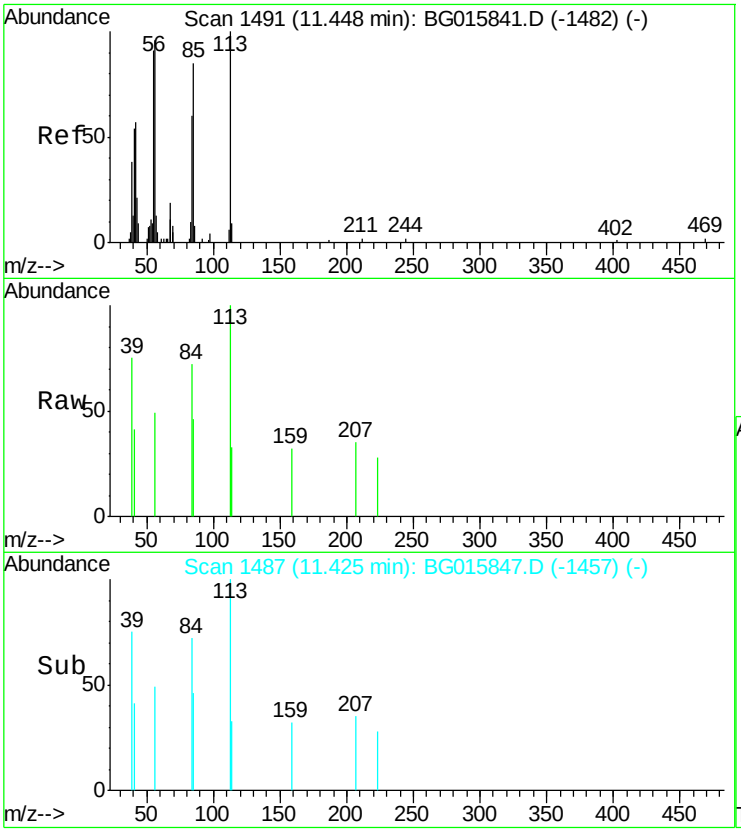


#34
Hexachlorobutadiene
Concen: 1.26 ng
RT: 10.85 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Tgt Ion:225 Resp: 2460

Ion	Ratio	Lower	Upper
225	100		
223	66.7	54.6	81.8
227	52.3	50.4	75.6



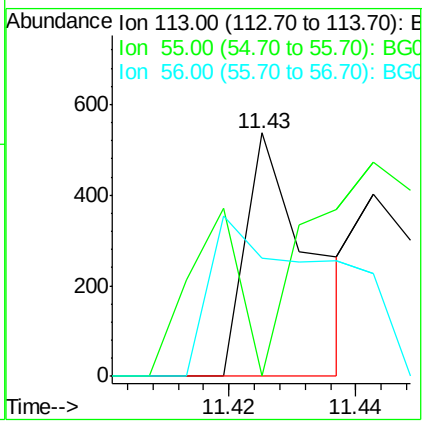


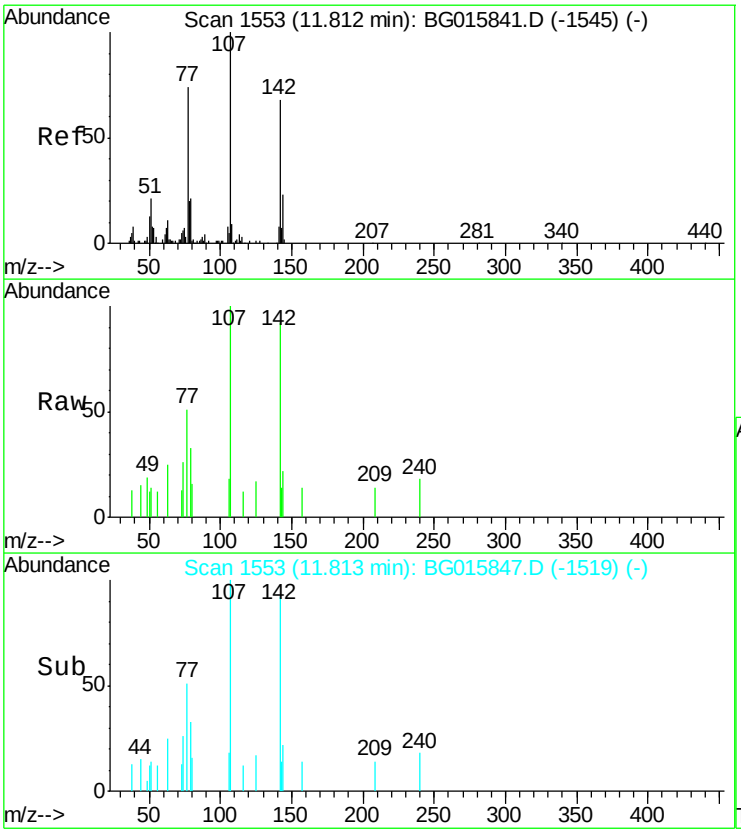
#35
Caprolactam
Concen: 0.54 ng
RT: 11.43 min Scan# 1487
Delta R.T. -0.03 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:113 Resp: 379

Ion	Ratio	Lower	Upper
113	100		
55	0.0	71.3	111.3#
56	48.8	76.0	116.0#

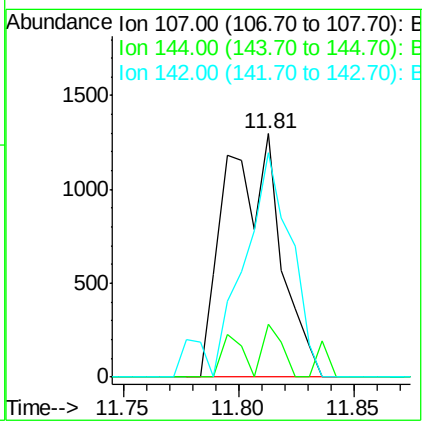


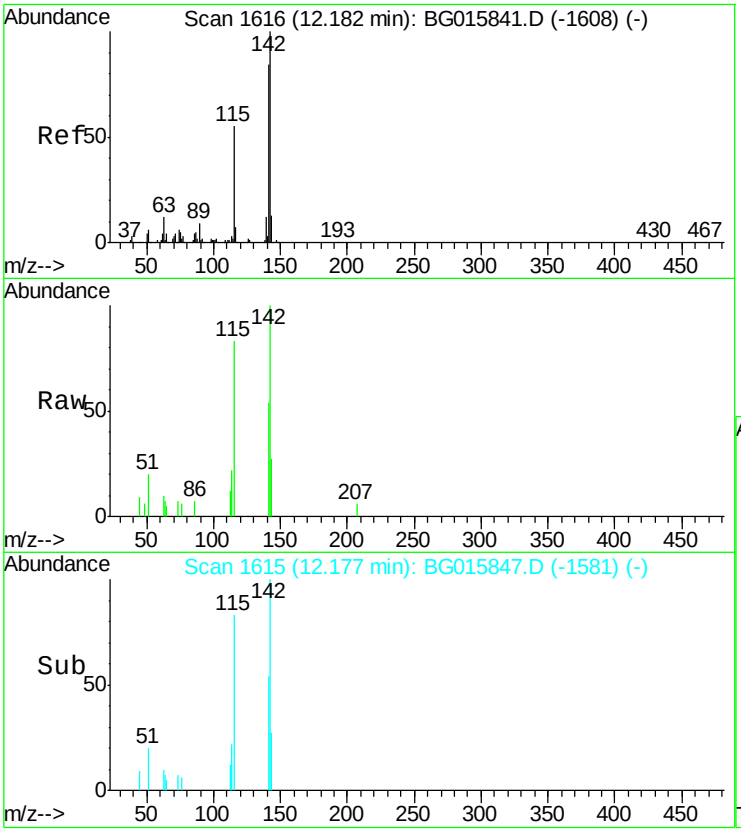


#36
4-Chloro-3-methylphenol
Concen: 1.02 ng
RT: 11.81 min Scan# 1553
Delta R.T. -0.00 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Tgt Ion:107 Resp: 2139

Ion	Ratio	Lower	Upper
107	100		
144	21.7	18.2	27.2
142	92.0	54.7	82.1#



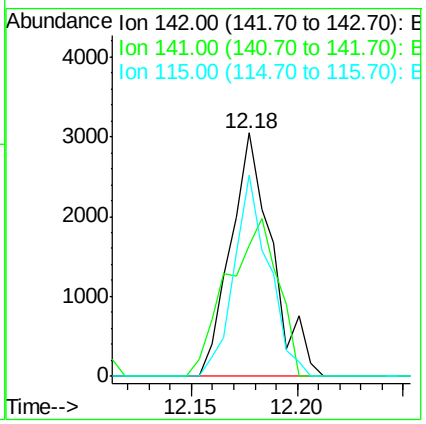


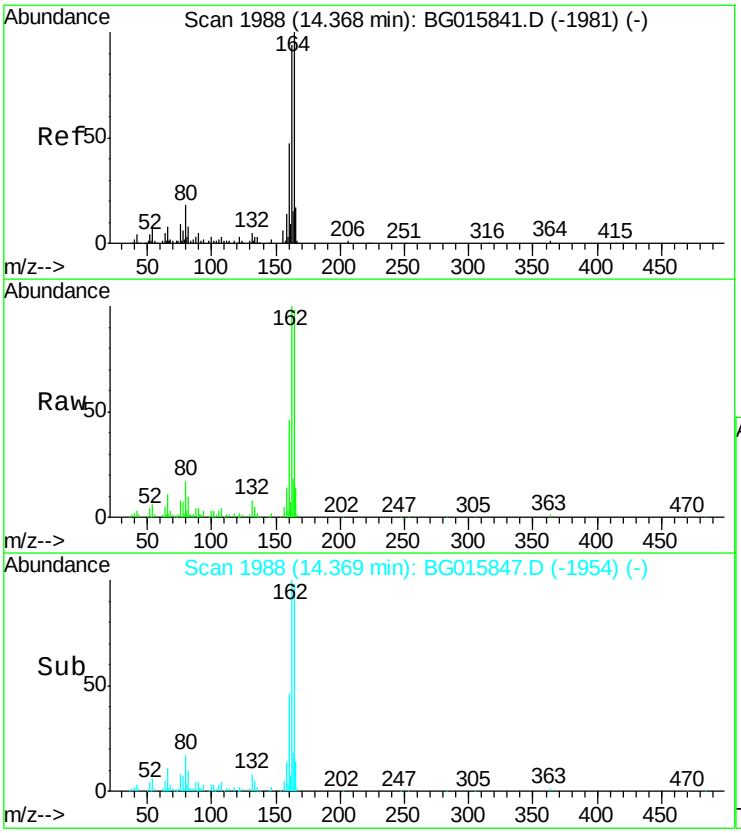
#37
2-Methylnaphthalene
Concen: 1.08 ng
RT: 12.18 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:142 Resp: 4135

Ion	Ratio	Lower	Upper
142	100		
141	54.0	67.3	100.9#
115	82.8	44.3	66.5#

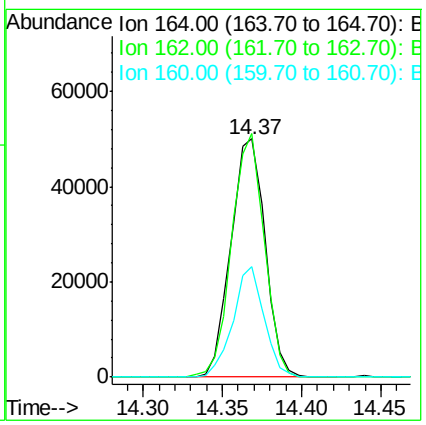


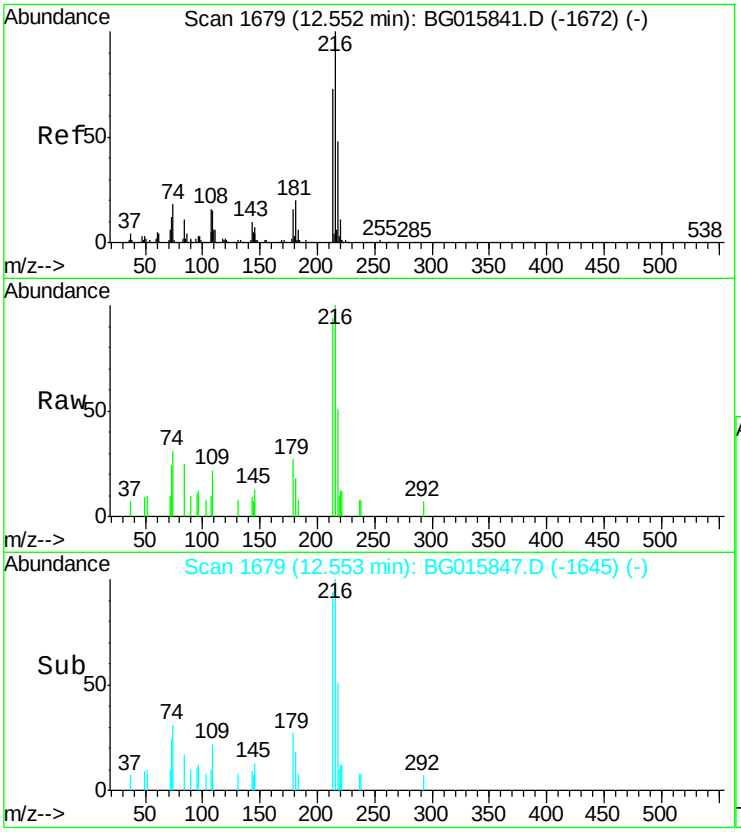


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.37 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Tgt Ion:164 Resp: 74674

Ion	Ratio	Lower	Upper
164	100		
162	102.3	75.5	113.3
160	46.6	37.4	56.0



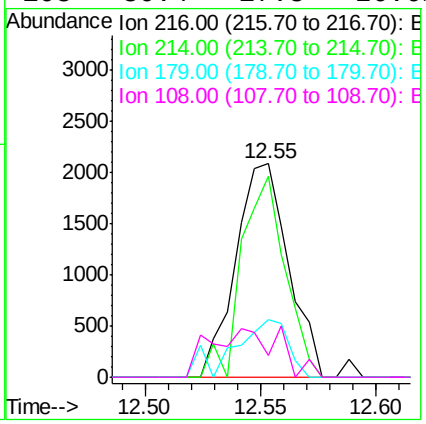


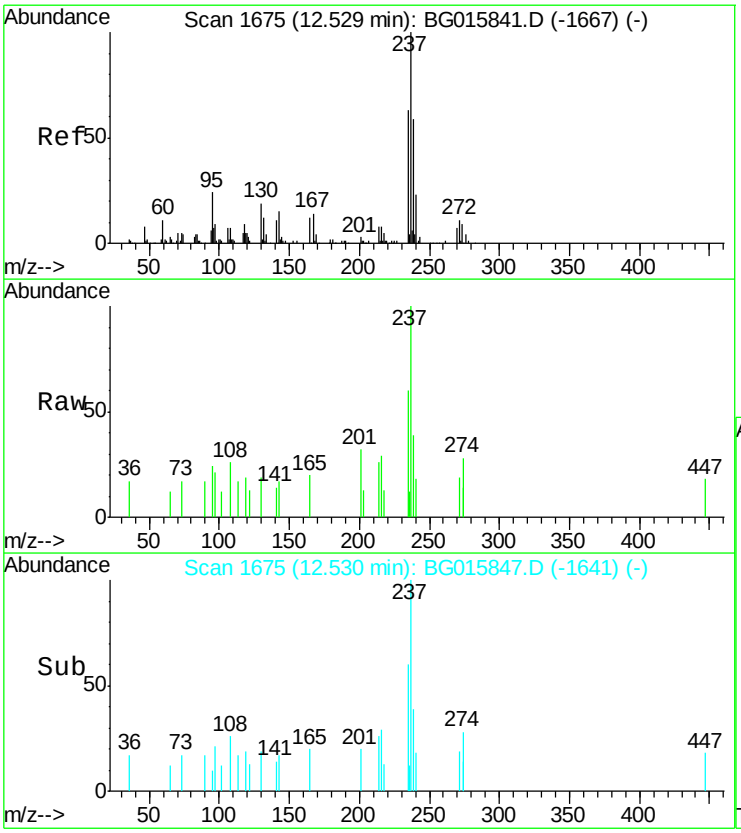
#39
1,2,4,5-Tetrachlorobenzene
Concen: 1.19 ng
RT: 12.55 min Scan# 1679
Delta R.T. -0.00 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:216 Resp: 3311

Ion	Ratio	Lower	Upper
216	100		
214	78.2	61.5	92.3
179	27.7	15.8	23.8#
108	30.4	17.8	26.6#

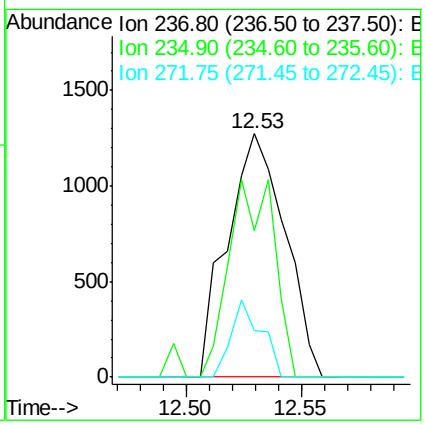


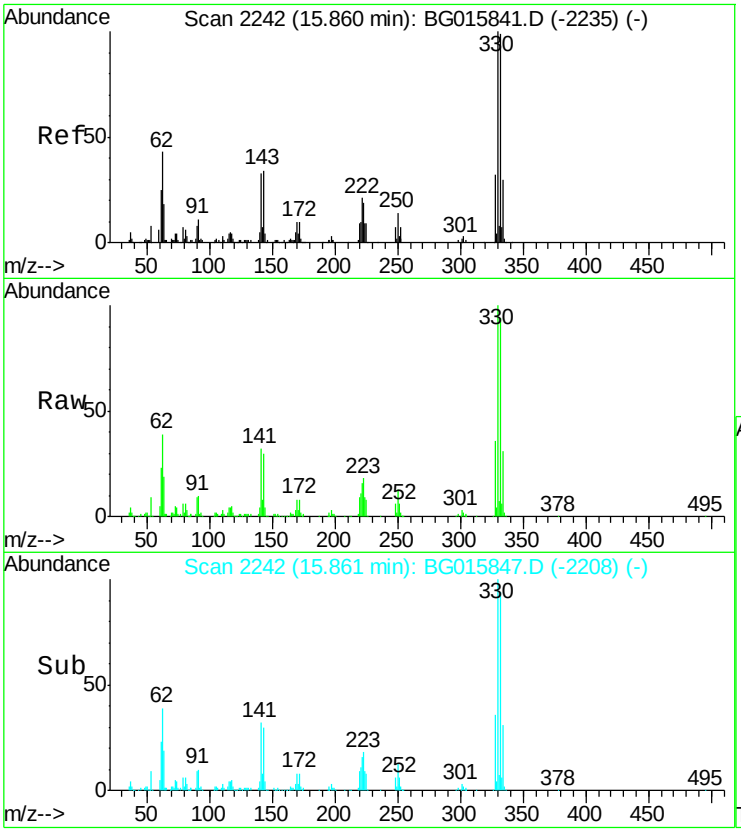


#40
Hexachlorocyclopentadiene
Concen: 1.20 ng
RT: 12.53 min Scan# 1675
Delta R.T. -0.00 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Tgt Ion:237 Resp: 2212

Ion	Ratio	Lower	Upper
237	100		
235	60.3	43.2	83.2
272	19.3	0.0	31.1



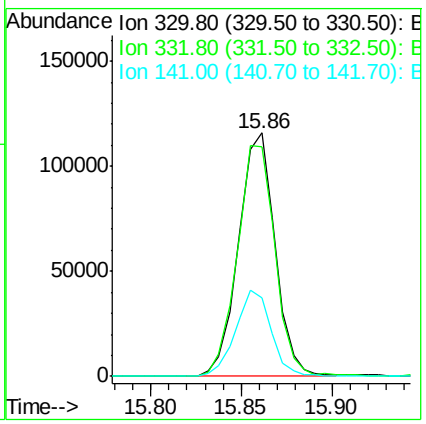


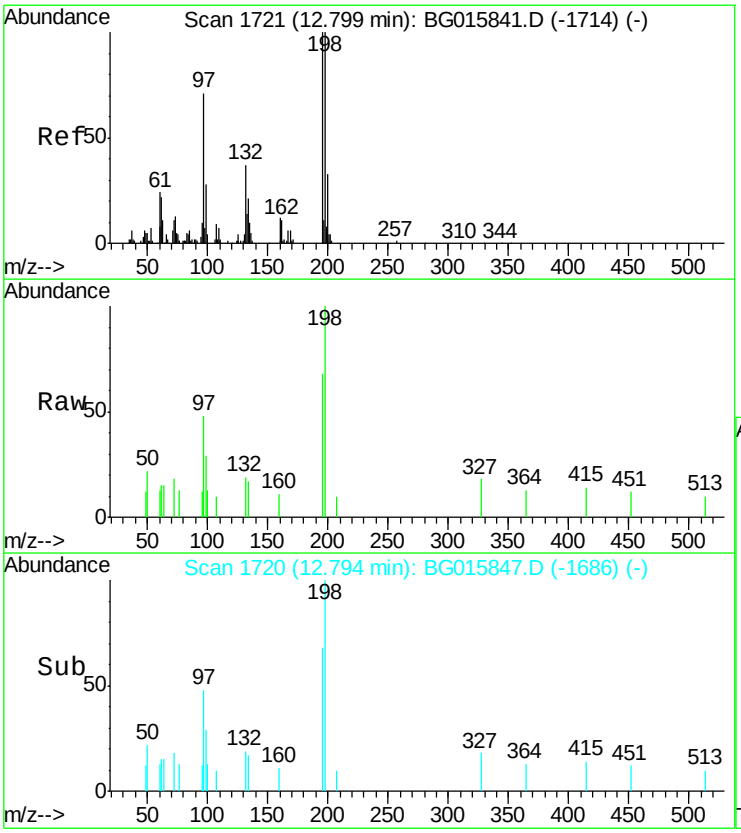
#41
2,4,6-Tribromophenol
Concen: 57.05 ng
RT: 15.86 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:330 Resp: 161954

Ion	Ratio	Lower	Upper
330	100		
332	98.9	73.8	110.8
141	34.5	27.2	40.8

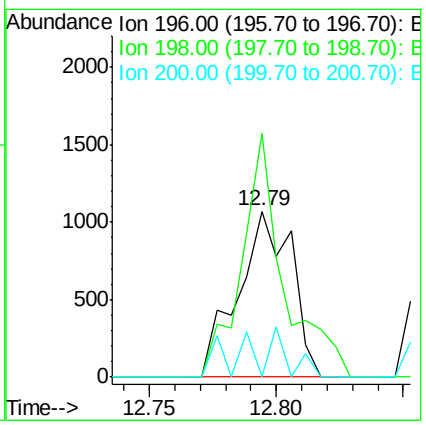


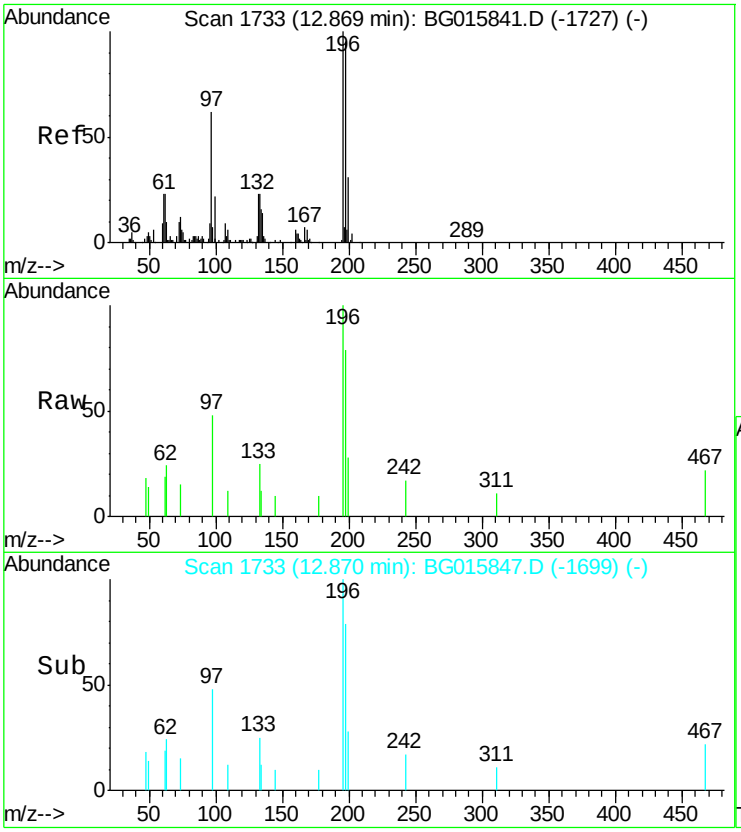


#42
2,4,6-Trichlorophenol
Concen: 0.93 ng
RT: 12.79 min Scan# 1720
Delta R.T. -0.00 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Tgt Ion:196 Resp: 1581

Ion	Ratio	Lower	Upper
196	100		
198	146.5	80.2	120.4#
200	0.0	26.7	40.1#



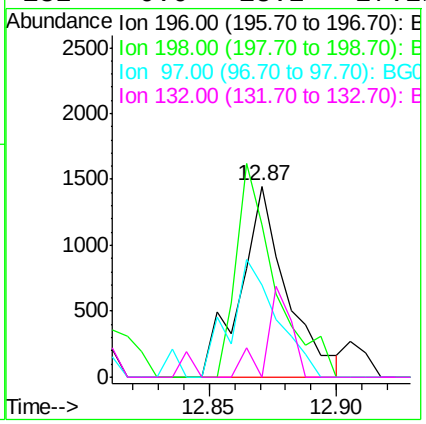


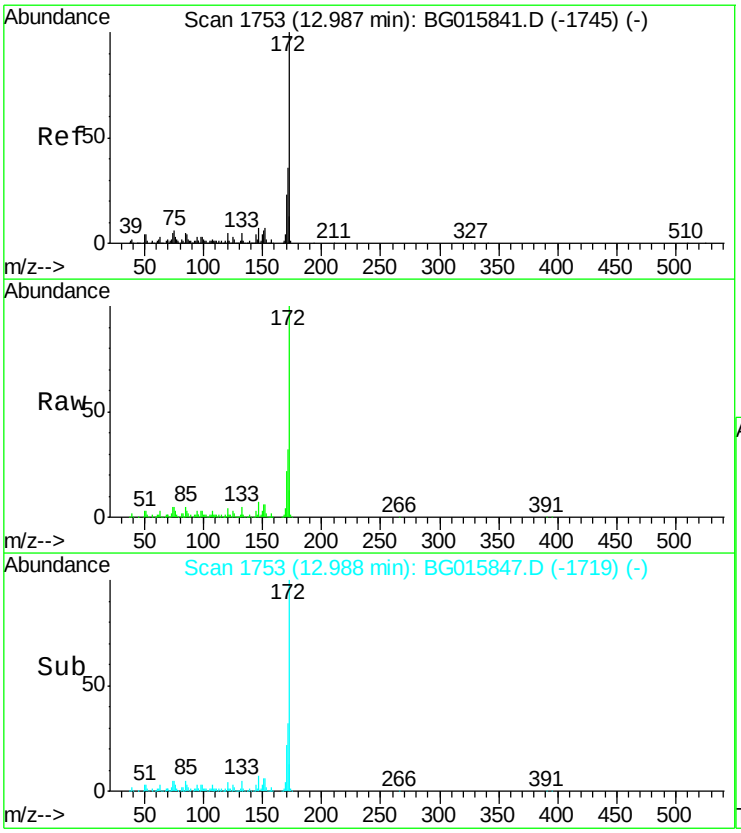
#43
2,4,5-Trichlorophenol
Concen: 0.99 ng
RT: 12.87 min Scan# 1733
Delta R.T. -0.00 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:196 Resp: 1850

Ion	Ratio	Lower	Upper
196	100		
198	79.5	76.2	114.4
97	48.1	49.6	74.4#
132	0.0	18.2	27.2#

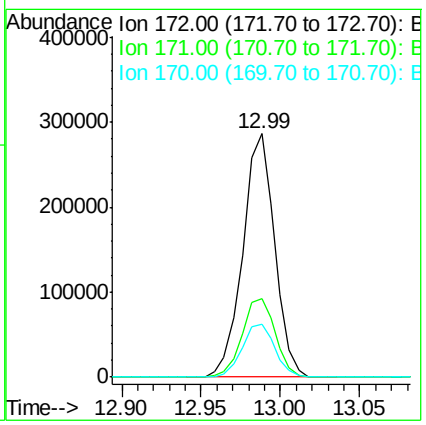


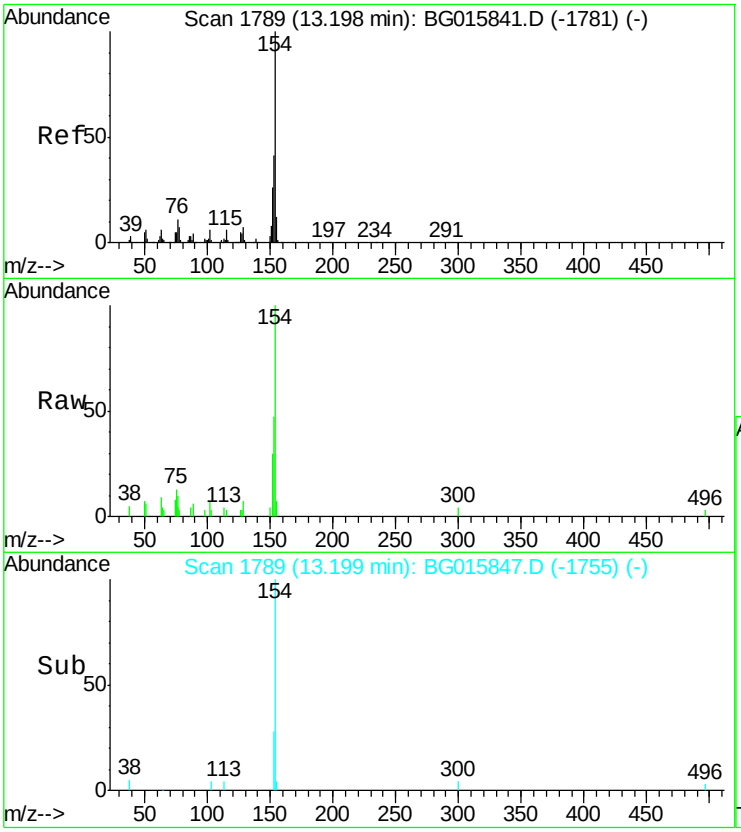


#44
2-Fluorobiphenyl
Concen: 38.11 ng
RT: 12.99 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Tgt Ion:172 Resp: 398406

Ion	Ratio	Lower	Upper
172	100		
171	32.5	28.6	43.0
170	21.7	18.2	27.4



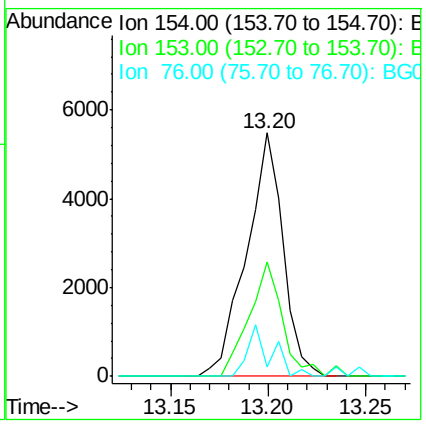


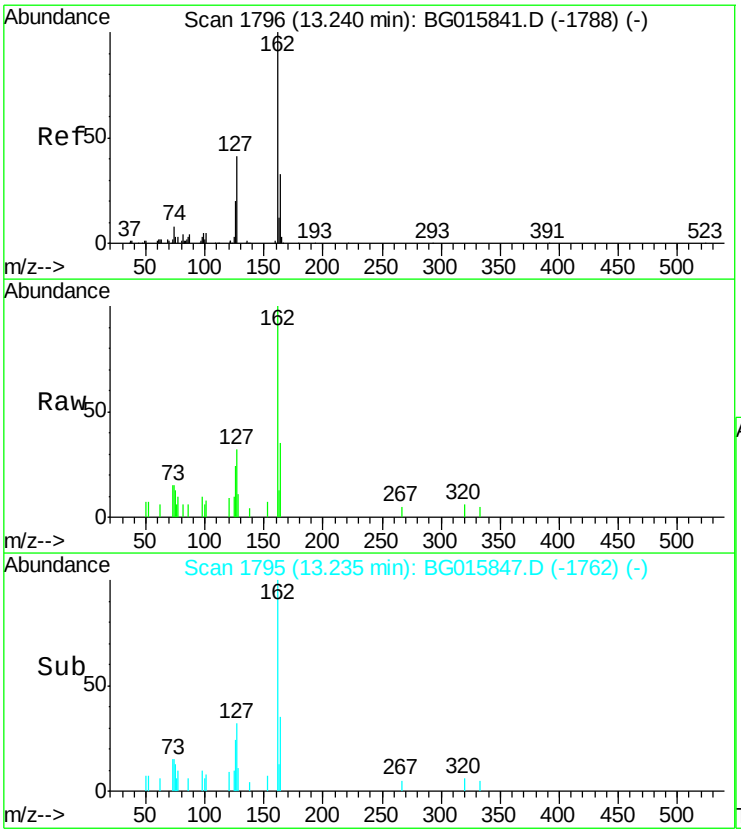
#45
1,1'-Biphenyl
Concen: 1.33 ng
RT: 13.20 min Scan# 1789
Delta R.T. -0.00 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:154 Resp: 7079

Ion	Ratio	Lower	Upper
154	100		
153	46.7	20.9	60.9
76	4.0	0.0	30.6

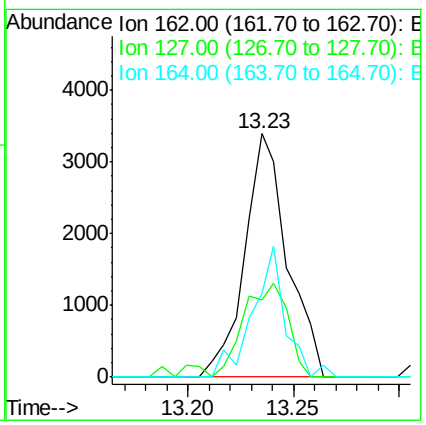


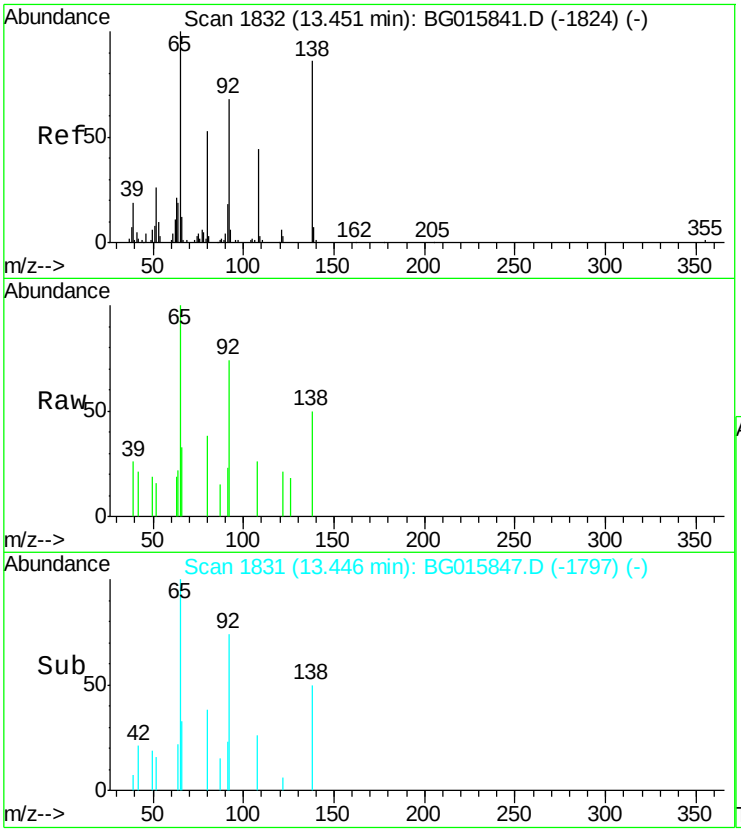


#46
2-Chloronaphthalene
Concen: 1.12 ng
RT: 13.23 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Tgt Ion:162 Resp: 4778

Ion	Ratio	Lower	Upper
162	100		
127	31.7	35.5	53.3#
164	34.6	26.1	39.1



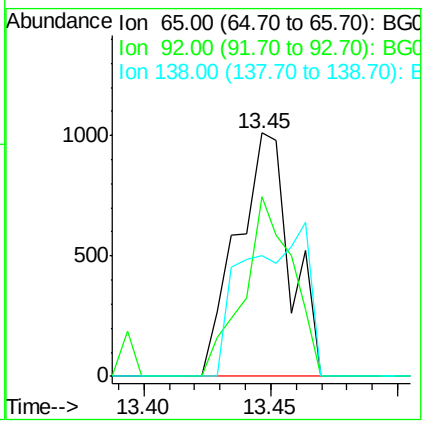


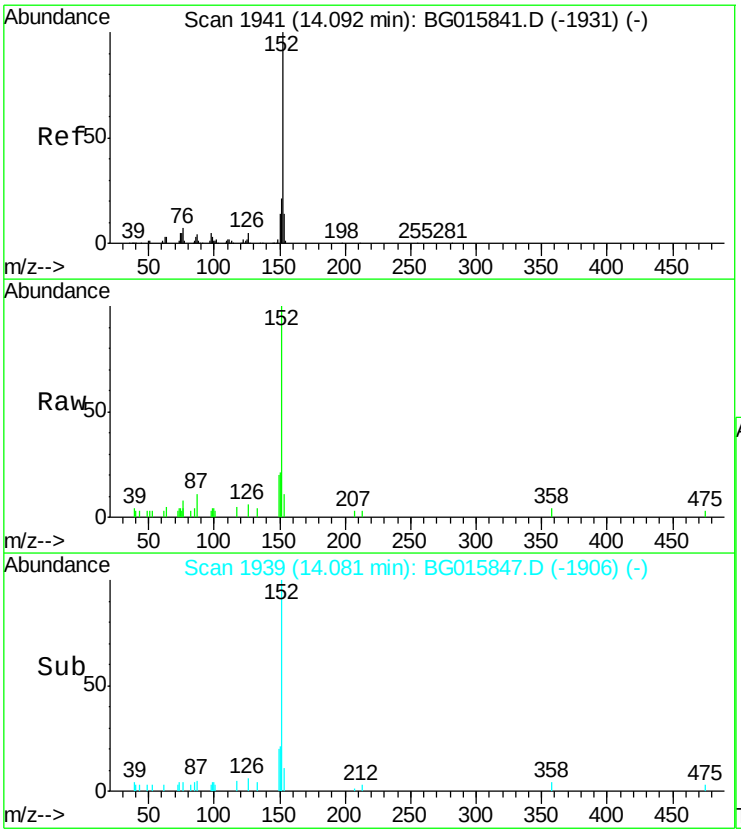
#47
2-Nitroaniline
Concen: 1.07 ng
RT: 13.45 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion: 65 Resp: 1487

Ion	Ratio	Lower	Upper
65	100		
92	73.7	54.6	81.8
138	49.8	68.4	102.6#

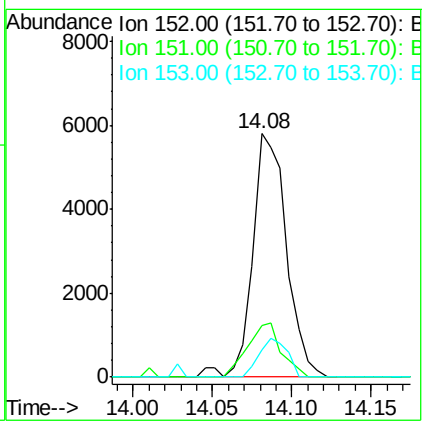


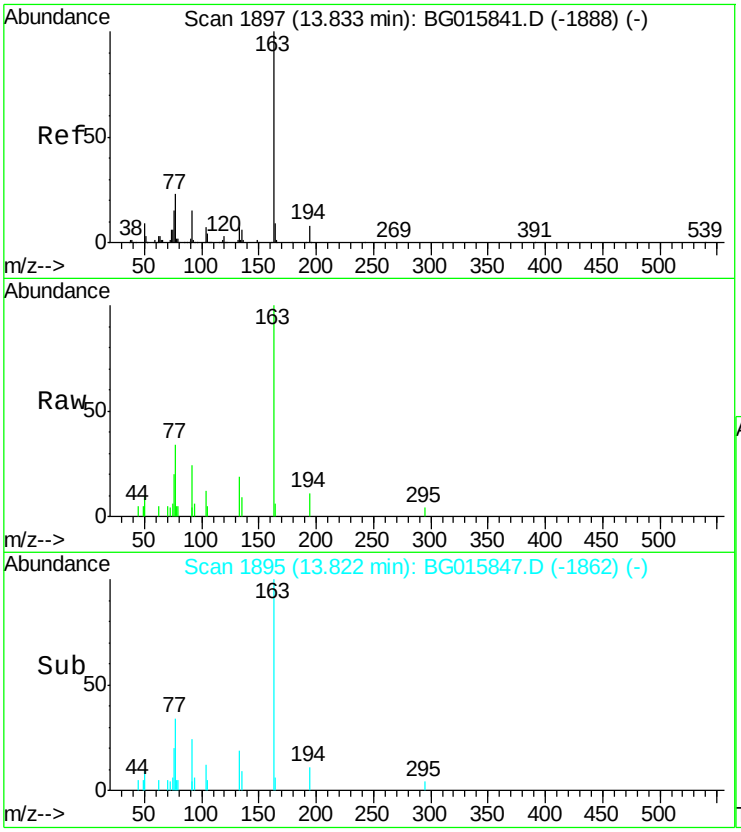


#48
Acenaphthylene
Concen: 1.18 ng
RT: 14.08 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Tgt Ion:152 Resp: 8603

Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.1	25.7
153	11.3	11.3	16.9#



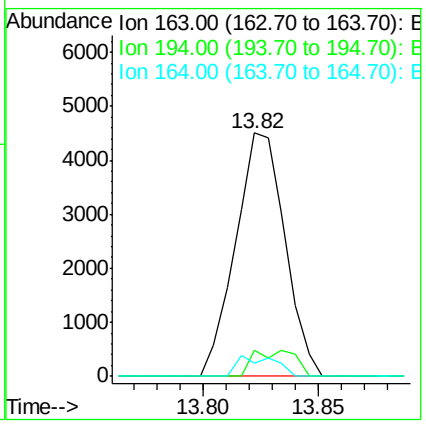


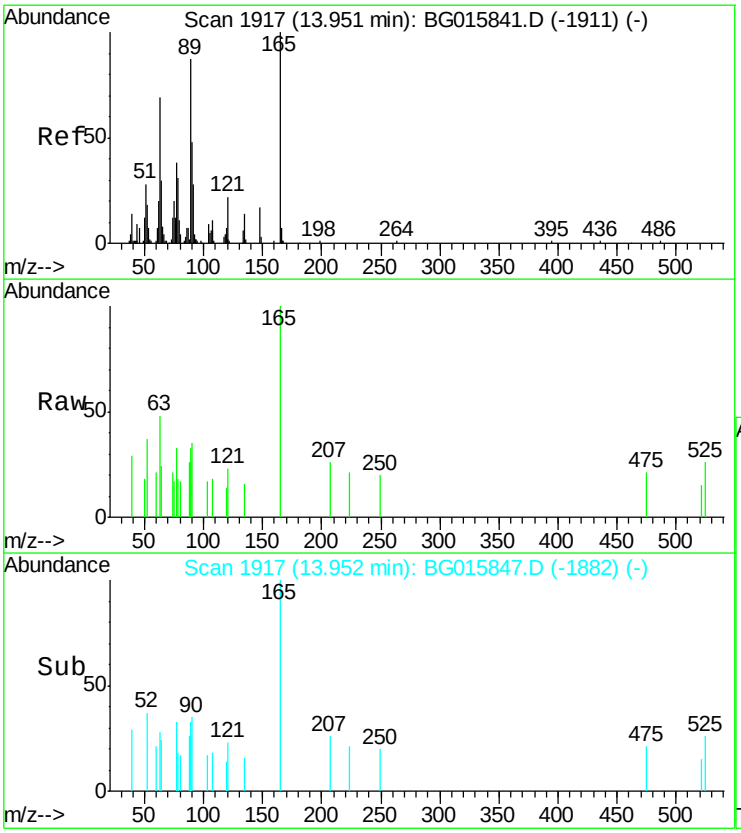
#49
Dimethylphthalate
Concen: 1.21 ng
RT: 13.82 min Scan# 1895
Delta R.T. -0.01 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:163 Resp: 6690

Ion	Ratio	Lower	Upper
163	100		
194	10.7	6.7	10.1#
164	5.5	7.4	11.0#

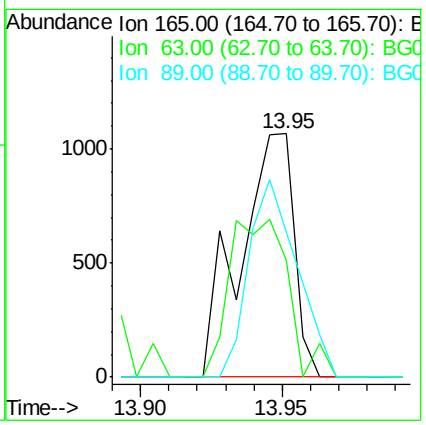


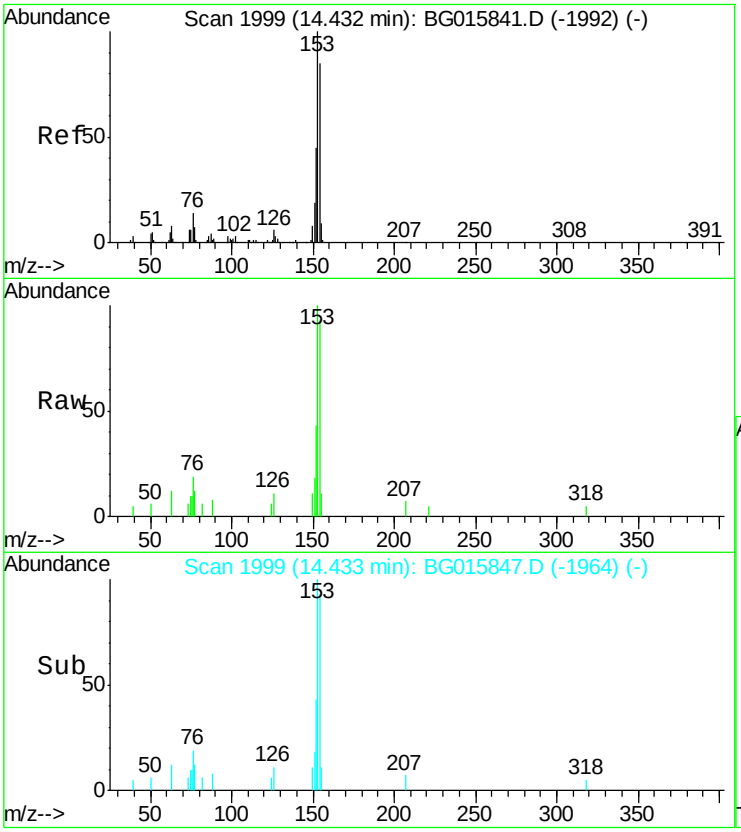


#50
2,6-Dinitrotoluene
Concen: 1.19 ng
RT: 13.95 min Scan# 1917
Delta R.T. 0.00 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Tgt Ion:165 Resp: 1417

Ion	Ratio	Lower	Upper
165	100		
63	48.1	55.9	83.9#
89	59.5	69.4	104.2#



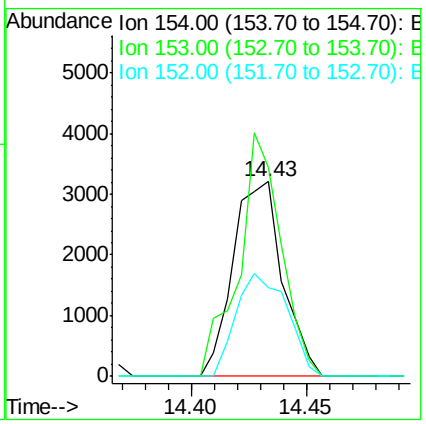


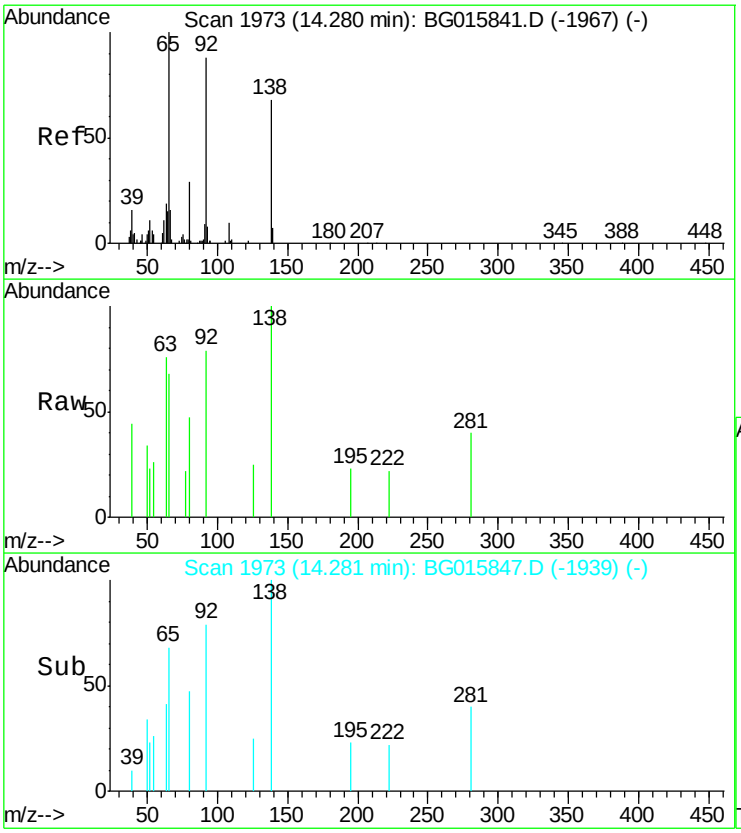
#51
Acenaphthene
Concen: 1.13 ng
RT: 14.43 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:154 Resp: 4814

Ion	Ratio	Lower	Upper
154	100		
153	107.7	94.1	141.1
152	45.8	42.6	63.8

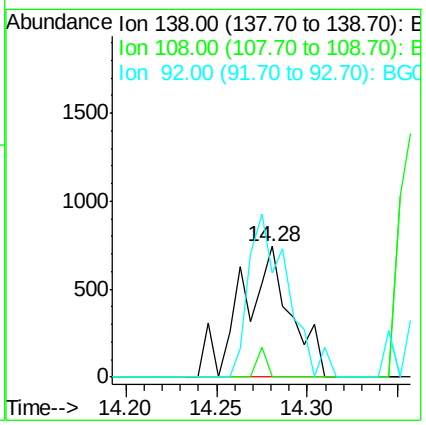


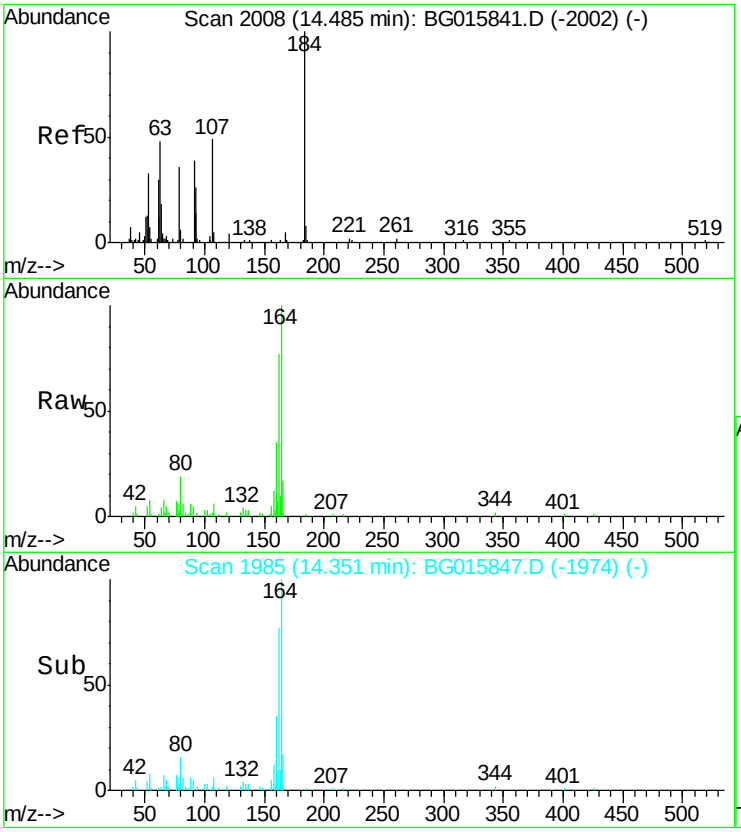


#52
3-Nitroaniline
Concen: 1.25 ng
RT: 14.28 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Tgt Ion:138 Resp: 1410

Ion	Ratio	Lower	Upper
138	100		
108	0.0	11.9	17.9#
92	79.2	103.7	155.5#



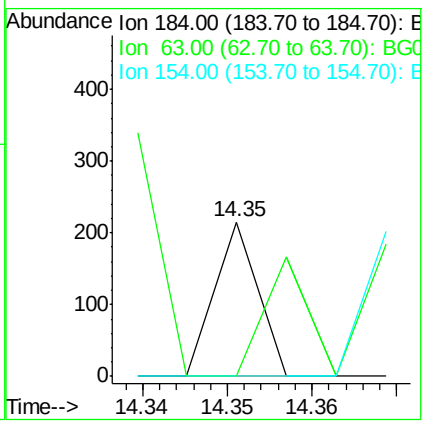


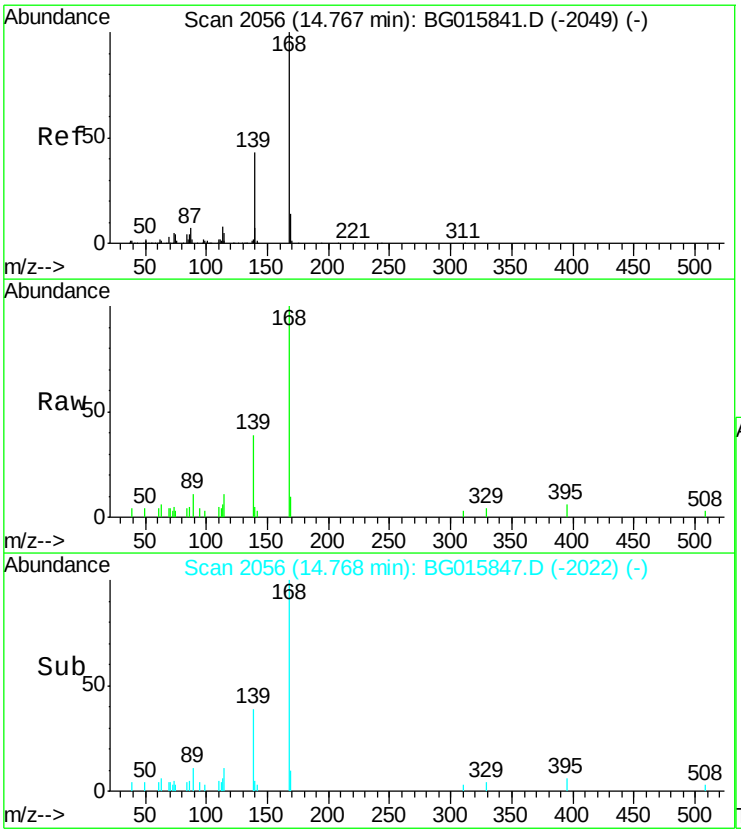
#53
2,4-Dinitrophenol
Concen: 0.12 ng
RT: 14.35 min Scan# 1985
Delta R.T. -0.14 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:184 Resp: 76

Ion	Ratio	Lower	Upper
184	100		
63	0.0	47.3	70.9#
154	0.0	56.9	85.3#

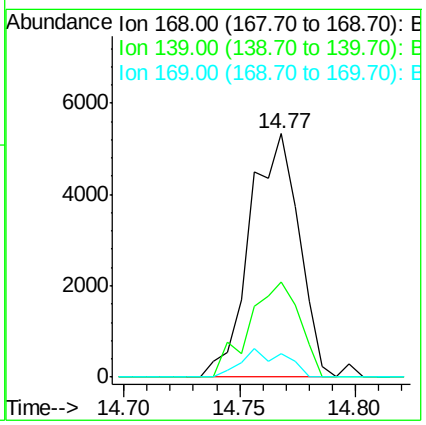


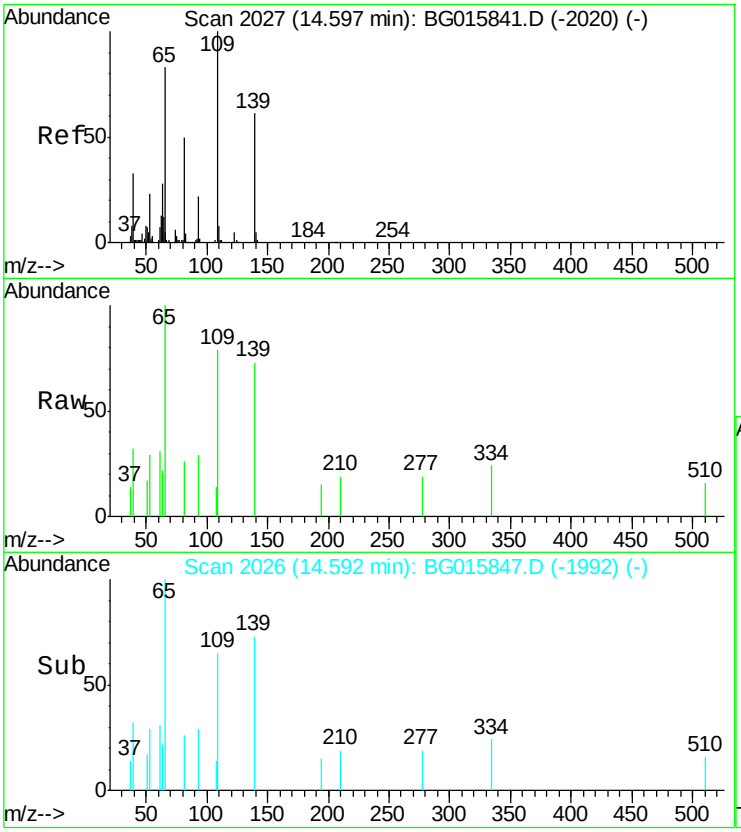


#54
Dibenzofuran
Concen: 1.14 ng
RT: 14.77 min Scan# 2056
Delta R.T. -0.00 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Tgt Ion:168 Resp: 7881

Ion	Ratio	Lower	Upper
168	100		
139	39.2	34.3	51.5
169	9.8	10.9	16.3#



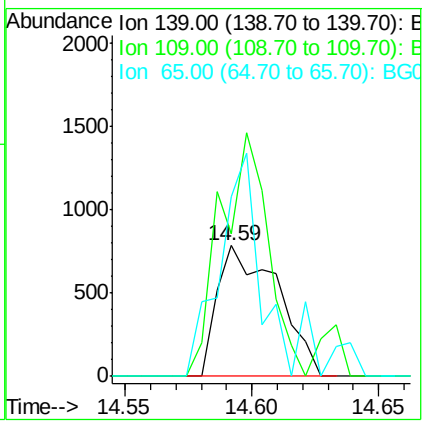


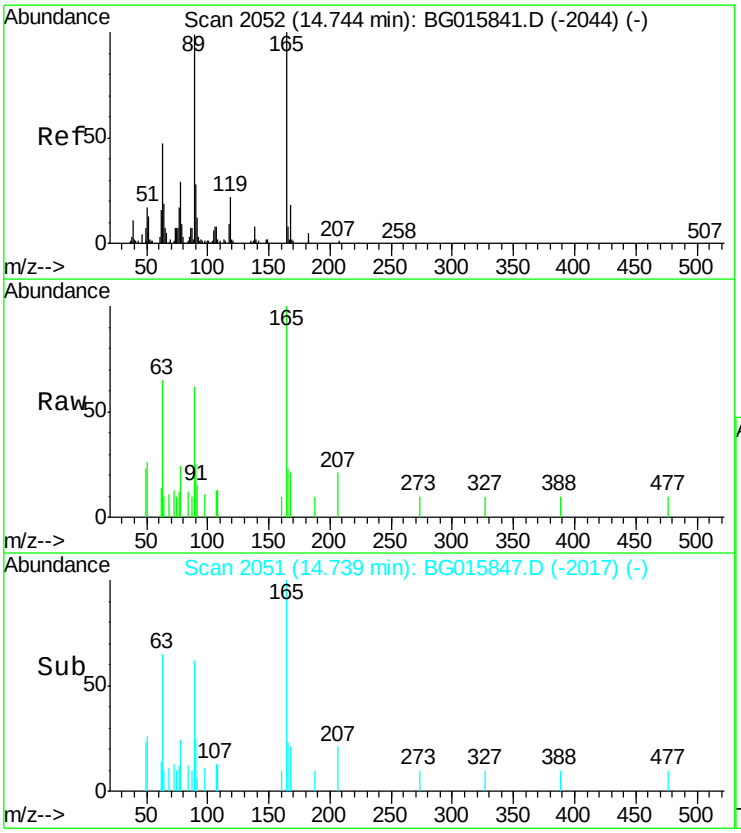
#55
4-Nitrophenol
Concen: 1.40 ng
RT: 14.59 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:139 Resp: 1302

Ion	Ratio	Lower	Upper
139	100		
109	108.8	144.0	184.0#
65	137.2	115.4	155.4

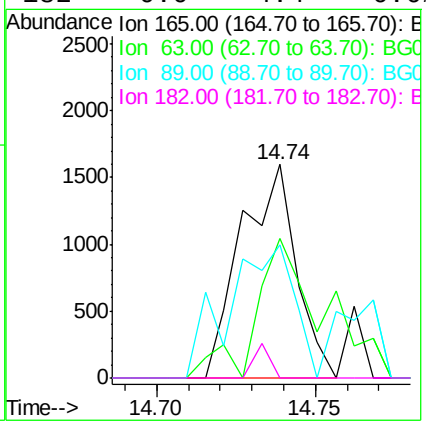


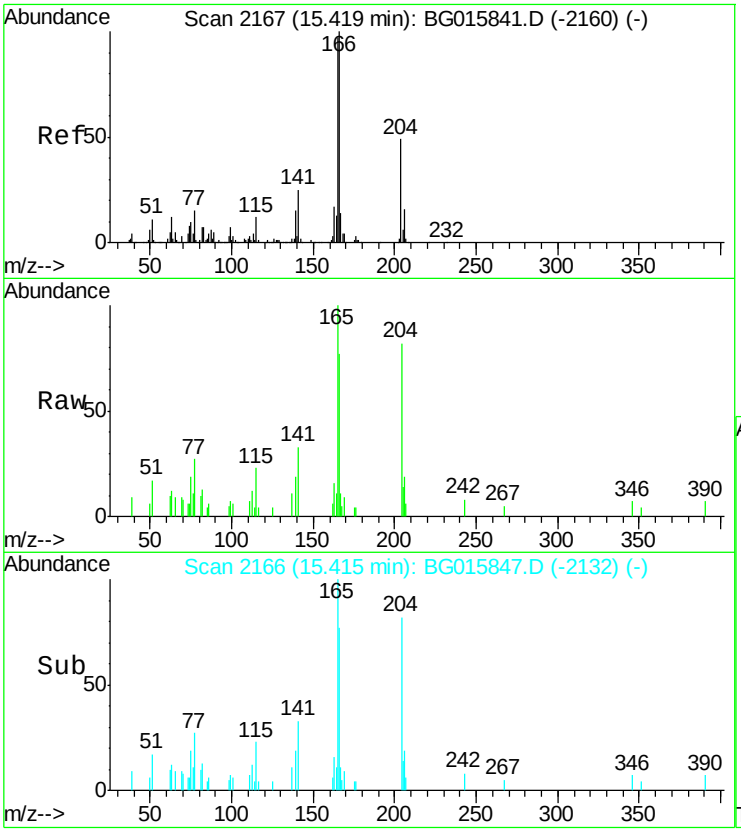


#56
2,4-Dinitrotoluene
Concen: 1.12 ng
RT: 14.74 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Tgt Ion:165 Resp: 1923

Ion	Ratio	Lower	Upper
165	100		
63	65.3	37.9	56.9#
89	62.3	78.9	118.3#
182	0.0	4.4	6.6#



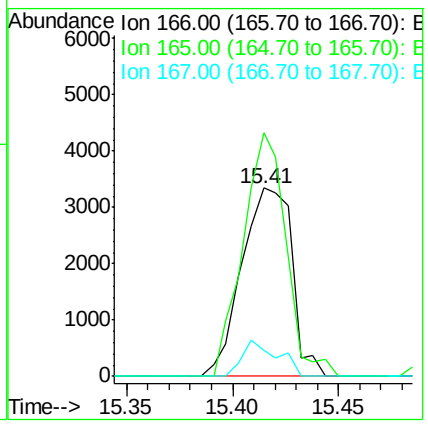


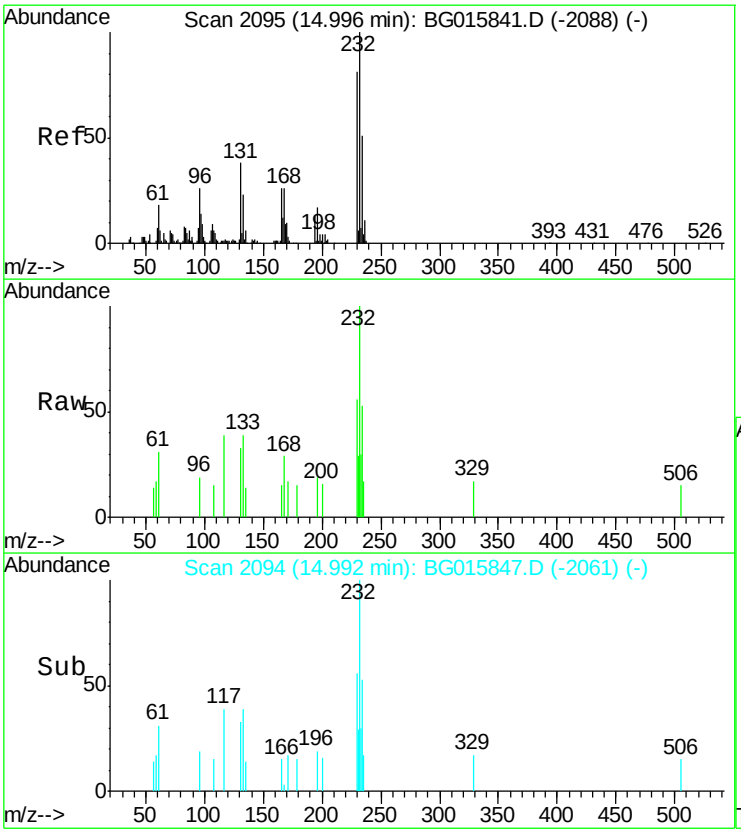
#57
Fluorene
Concen: 0.97 ng
RT: 15.41 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:166 Resp: 5479

Ion	Ratio	Lower	Upper
166	100		
165	129.2	77.7	116.5#
167	14.0	11.2	16.8

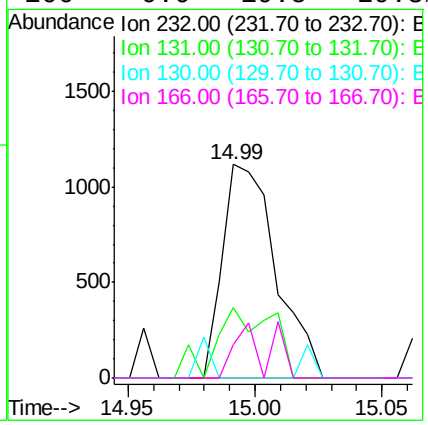


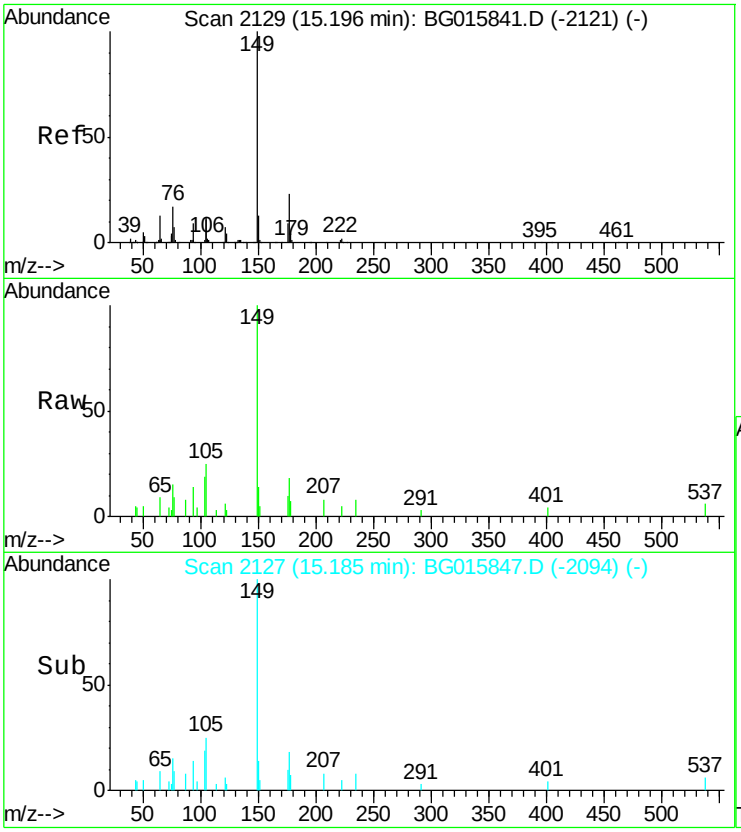


#58
2,3,4,6-Tetrachlorophenol
Concen: 0.78 ng
RT: 14.99 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Tgt Ion:232 Resp: 1644

Ion	Ratio	Lower	Upper
232	100		
131	35.6	31.3	46.9
130	4.6	2.2	3.4#
166	0.0	19.5	29.3#



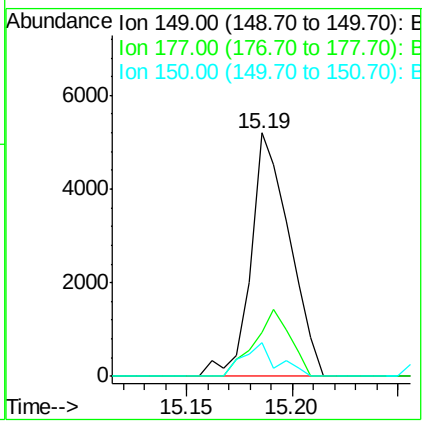


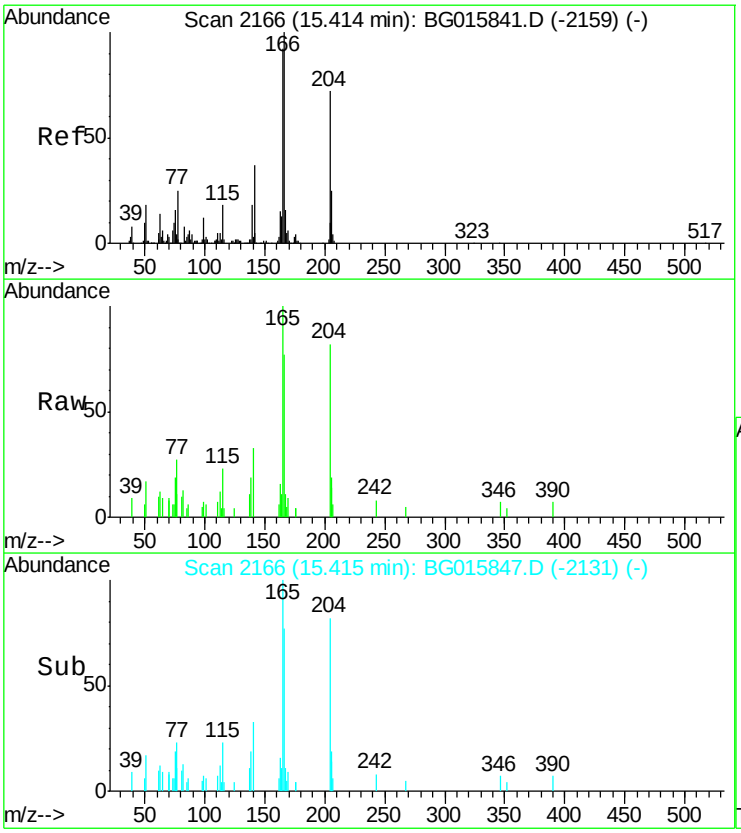
#59
Diethylphthalate
Concen: 1.09 ng
RT: 15.19 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:149 Resp: 6617

Ion	Ratio	Lower	Upper
149	100		
177	18.1	18.2	27.4#
150	13.9	10.0	15.0

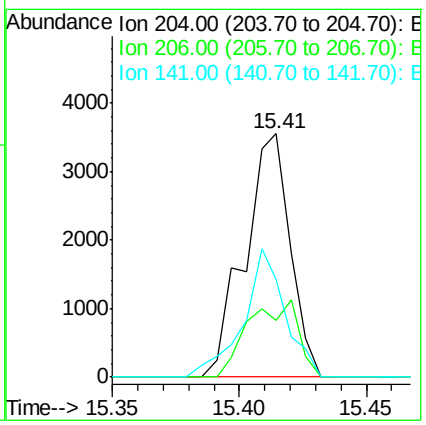


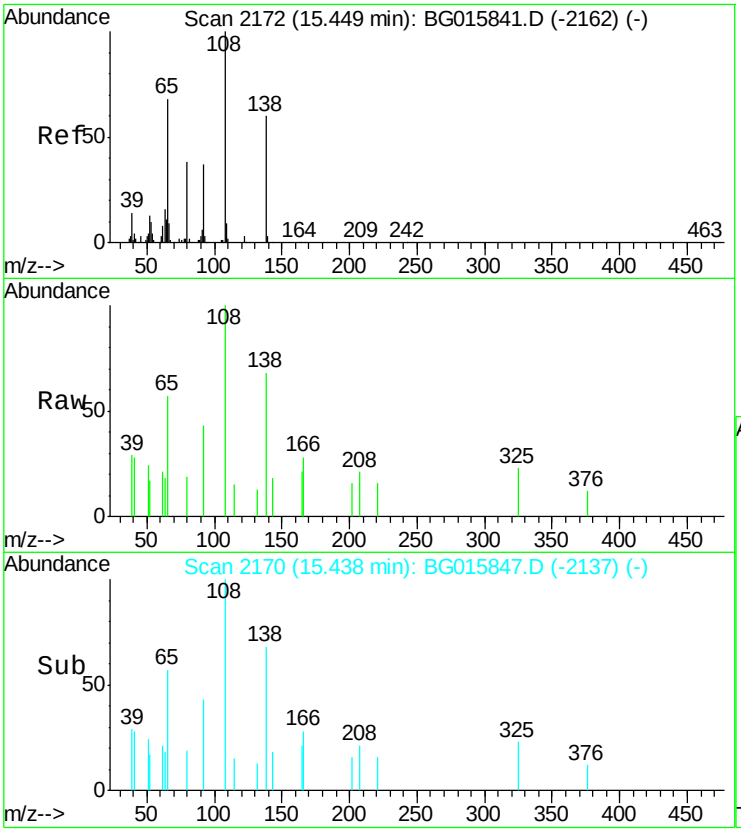


#60
4-Chlorophenyl-phenylether
Concen: 1.21 ng
RT: 15.41 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Tgt Ion:204 Resp: 4463

Ion	Ratio	Lower	Upper
204	100		
206	23.5	28.2	42.4#
141	40.2	41.1	61.7#



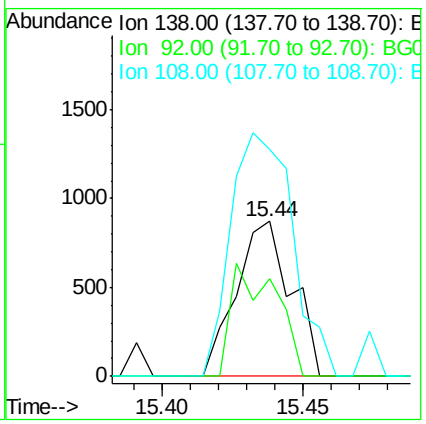


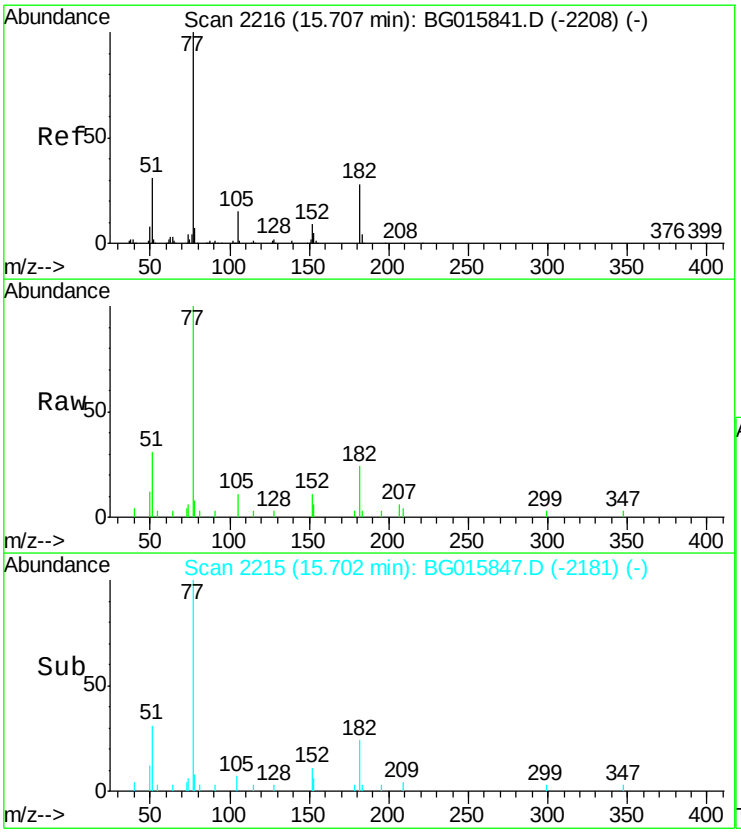
#61
4-Nitroaniline
Concen: 0.89 ng
RT: 15.44 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:138 Resp: 1181

Ion	Ratio	Lower	Upper
138	100		
92	63.0	42.2	82.2
108	146.2	147.2	187.2#

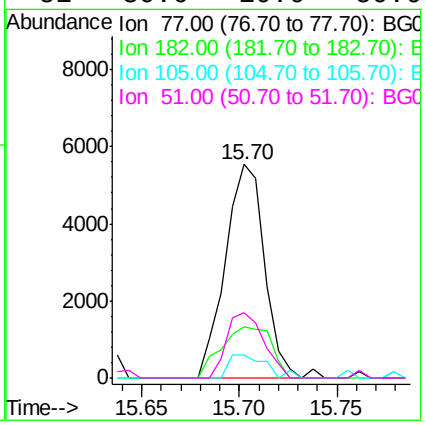


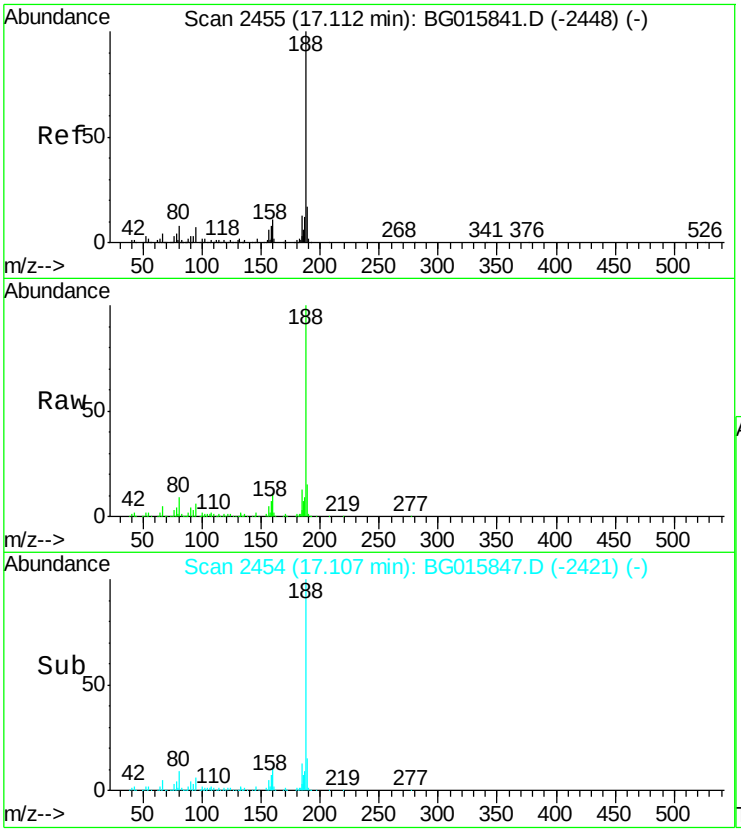


#62
Azobenzene
Concen: 1.18 ng
RT: 15.70 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Tgt Ion: 77 Resp: 7715

Ion	Ratio	Lower	Upper
77	100		
182	23.9	7.7	47.7
105	11.0	0.0	35.1
51	30.6	10.6	50.6



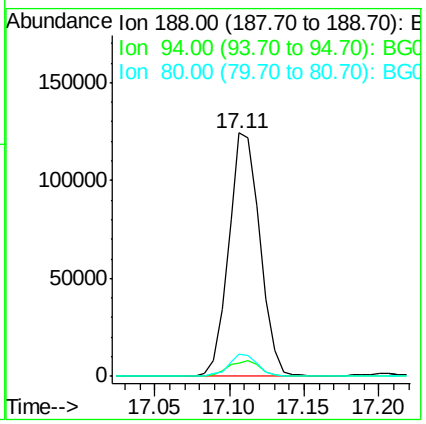


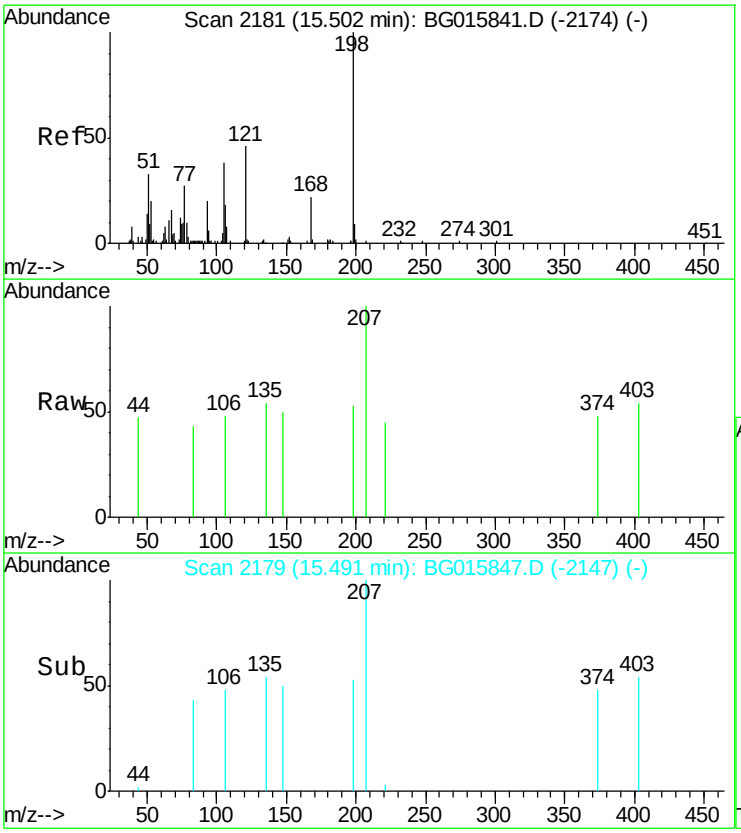
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.11 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:188 Resp: 181912

Ion	Ratio	Lower	Upper
188	100		
94	5.5	5.4	8.0
80	8.9	6.6	9.8

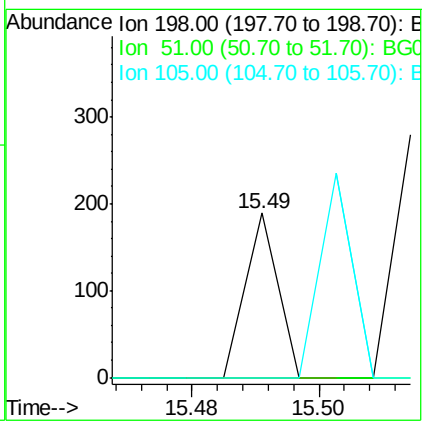


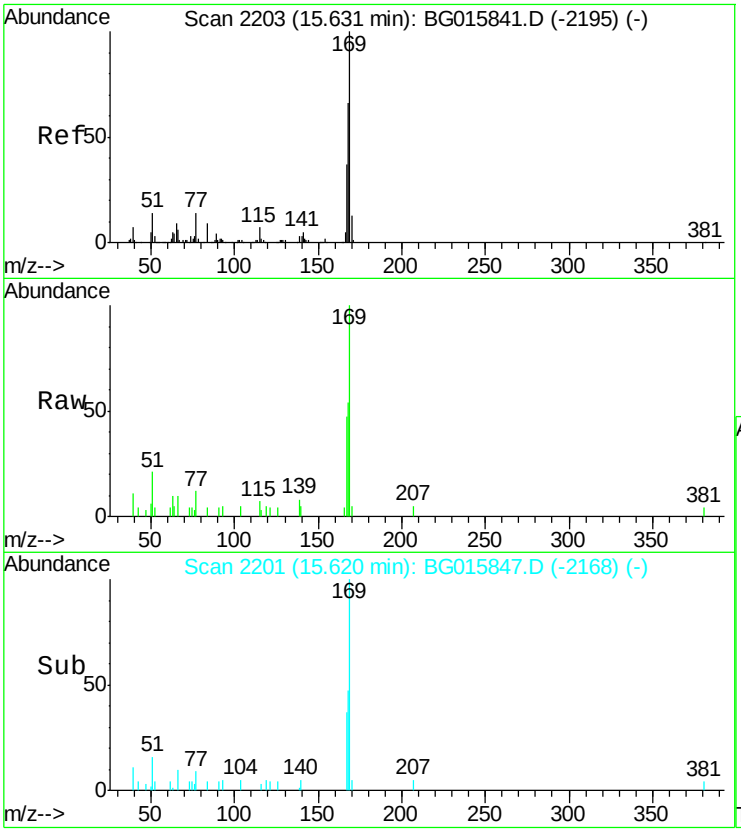


#64
4,6-Dinitro-2-methylphenol
Concen: 0.05 ng
RT: 15.49 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Tgt Ion:198 Resp: 67

Ion	Ratio	Lower	Upper
198	100		
51	0.0	13.6	53.6#
105	0.0	17.9	57.9#



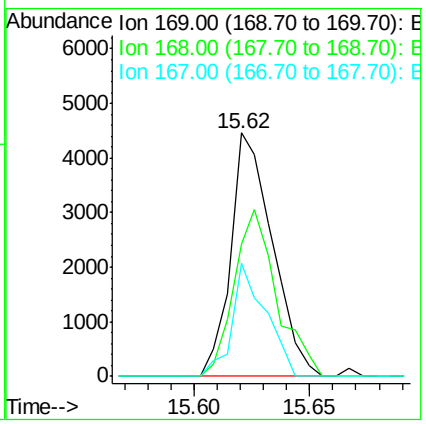


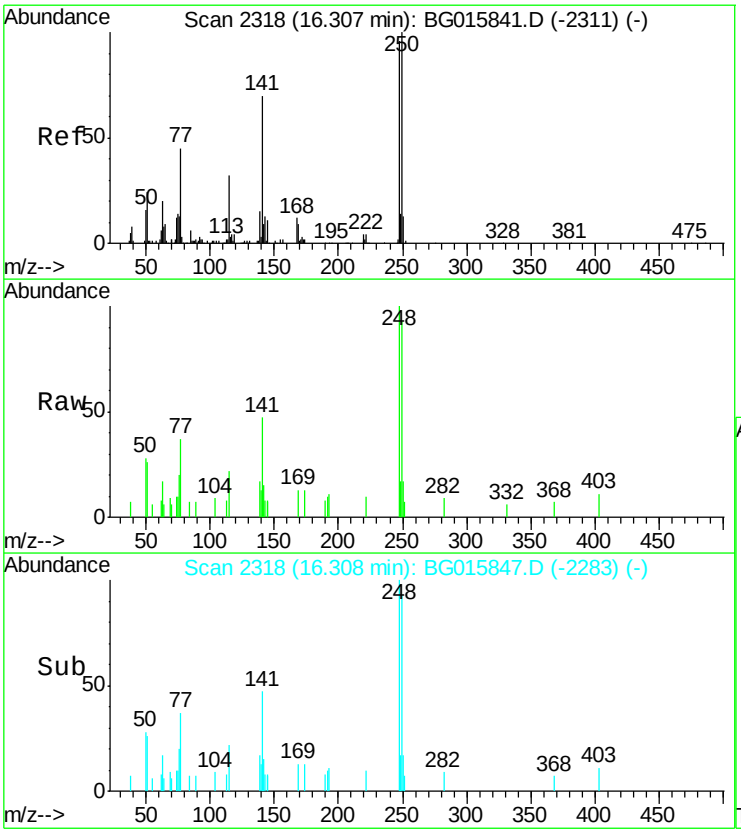
#65
n-Nitrosodiphenylamine
Concen: 1.07 ng
RT: 15.62 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:169 Resp: 5601

Ion	Ratio	Lower	Upper
169	100		
168	54.3	52.7	79.1
167	46.6	29.3	43.9#

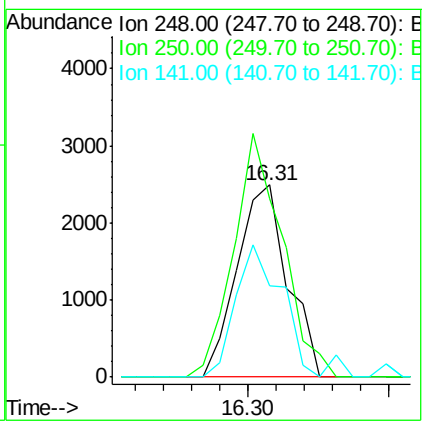


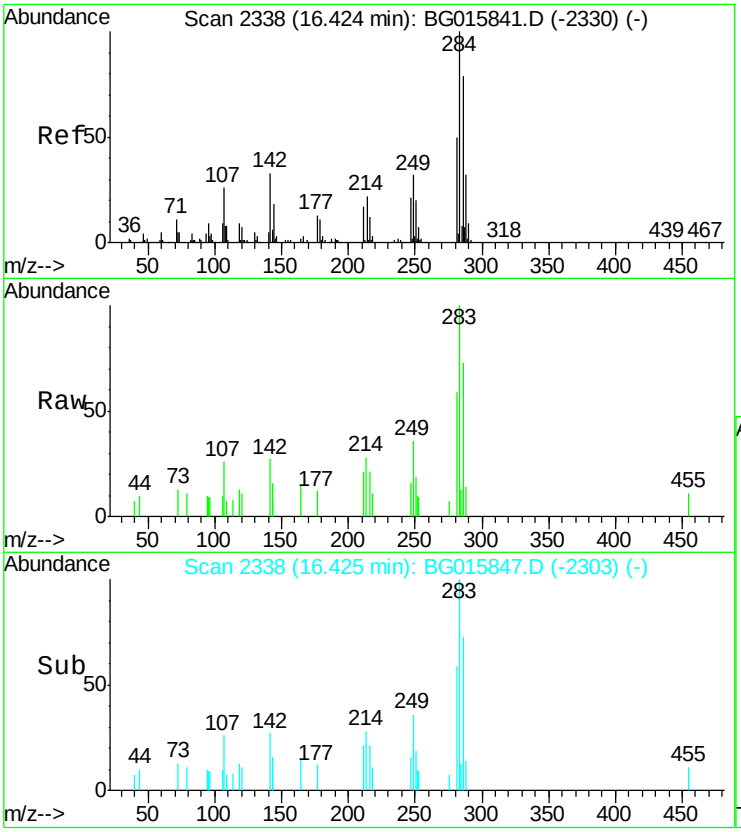


#66
4-Bromophenyl-phenylether
Concen: 1.24 ng
RT: 16.31 min Scan# 2318
Delta R.T. 0.00 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Tgt Ion:248 Resp: 3090

Ion	Ratio	Lower	Upper
248	100		
250	92.9	83.5	125.3
141	62.9	58.1	87.1



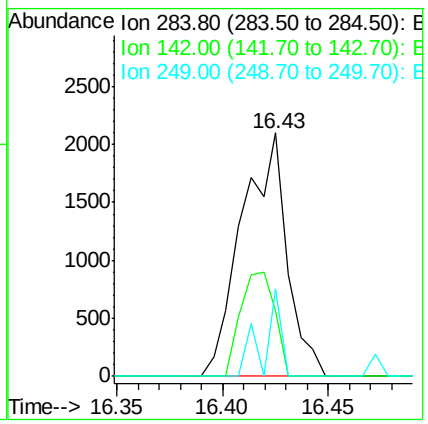


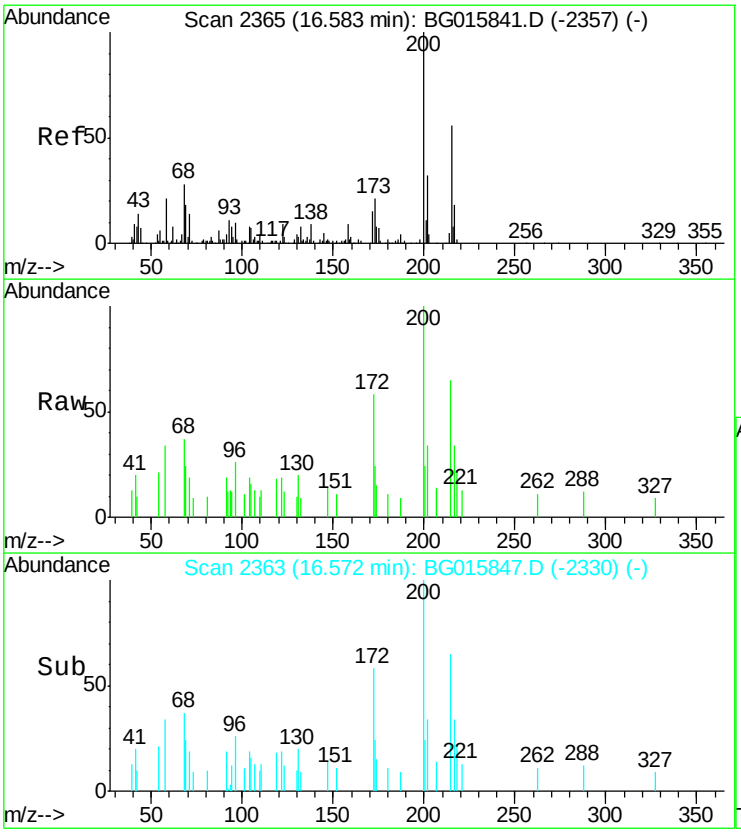
#67
Hexachlorobenzene
Concen: 1.10 ng
RT: 16.43 min Scan# 2338
Delta R.T. 0.00 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:284 Resp: 3121

Ion	Ratio	Lower	Upper
284	100		
142	27.2	26.1	39.1
249	36.0	26.0	39.0

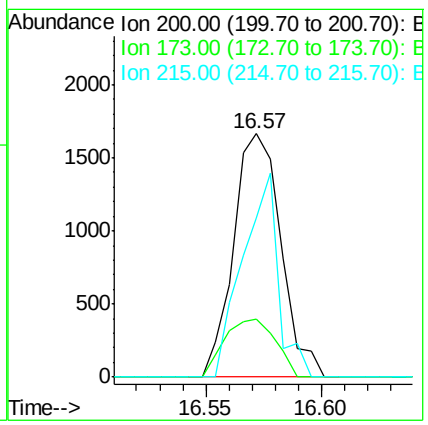


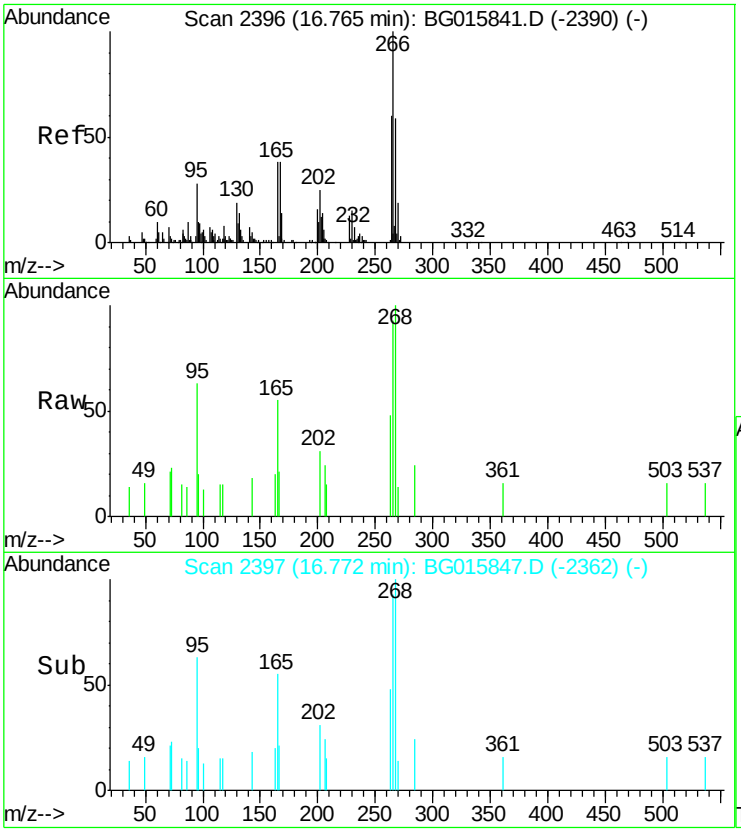


#68
Atrazine
Concen: 1.02 ng
RT: 16.57 min Scan# 2363
Delta R.T. -0.01 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Tgt Ion:200 Resp: 2378

Ion	Ratio	Lower	Upper
200	100		
173	19.3	1.1	41.1
215	52.3	35.6	75.6



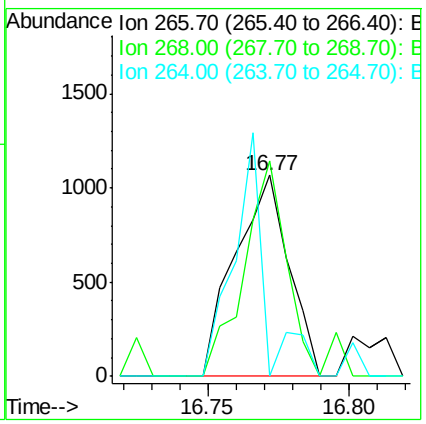


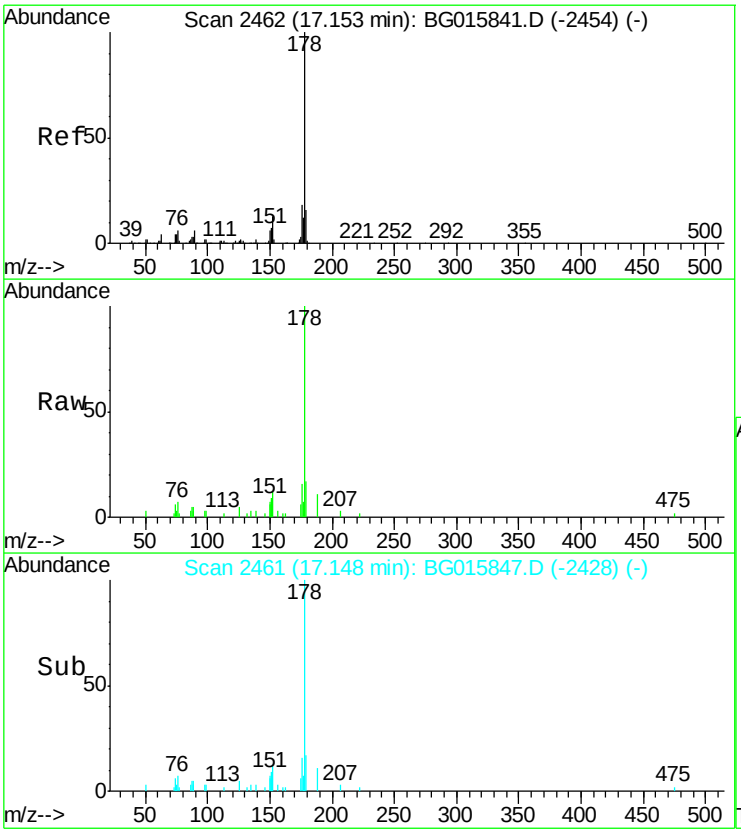
#69
Pentachlorophenol
Concen: 0.85 ng
RT: 16.77 min Scan# 2397
Delta R.T. 0.00 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:266 Resp: 1411

Ion	Ratio	Lower	Upper
266	100		
268	107.2	50.2	75.2#
264	0.0	48.2	72.2#

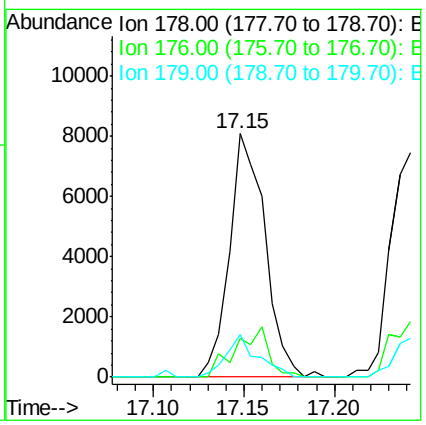


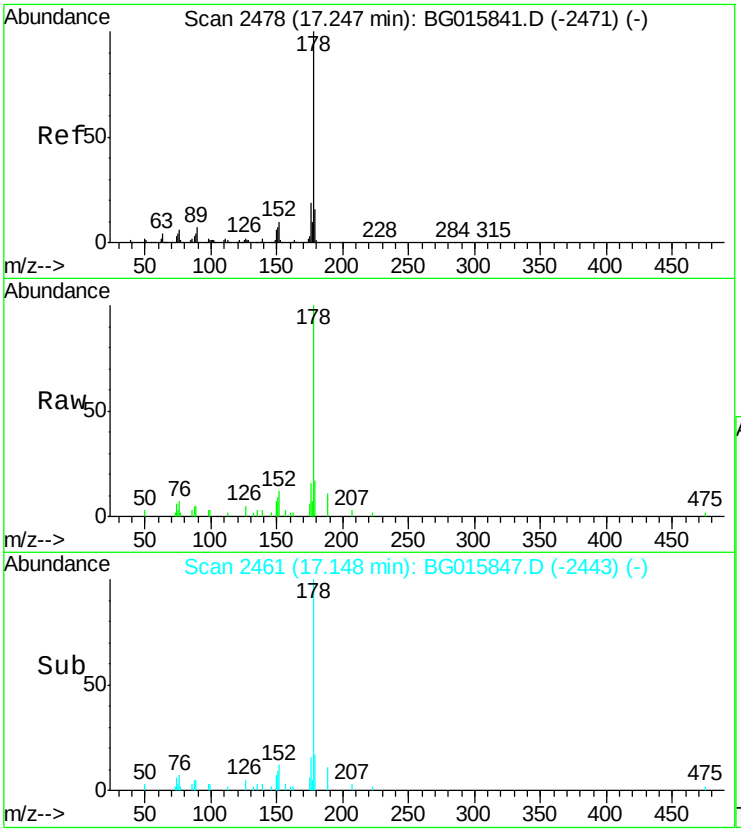


#70
Phenanthrene
Concen: 1.14 ng
RT: 17.15 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Tgt Ion:178 Resp: 11004

Ion	Ratio	Lower	Upper
178	100		
176	15.8	14.5	21.7
179	17.4	12.6	19.0



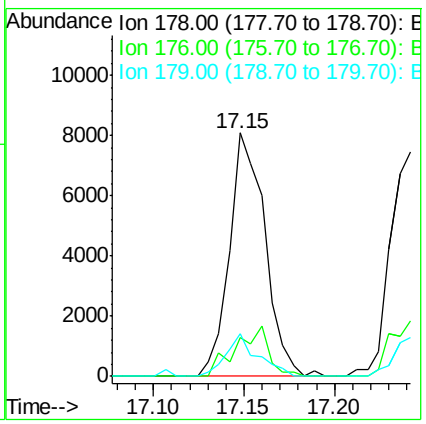


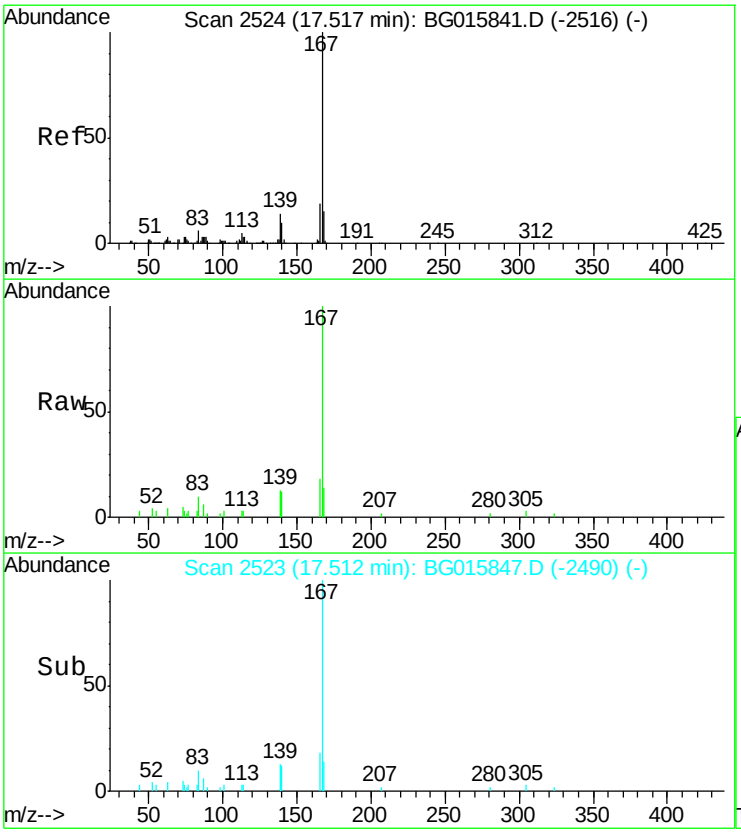
#71
Anthracene
Concen: 1.14 ng
RT: 17.15 min Scan# 2461
Delta R.T. -0.10 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:178 Resp: 11004

Ion	Ratio	Lower	Upper
178	100		
176	15.8	15.6	23.4
179	17.4	12.6	18.8

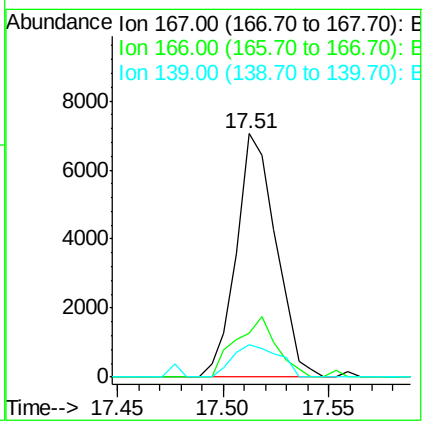


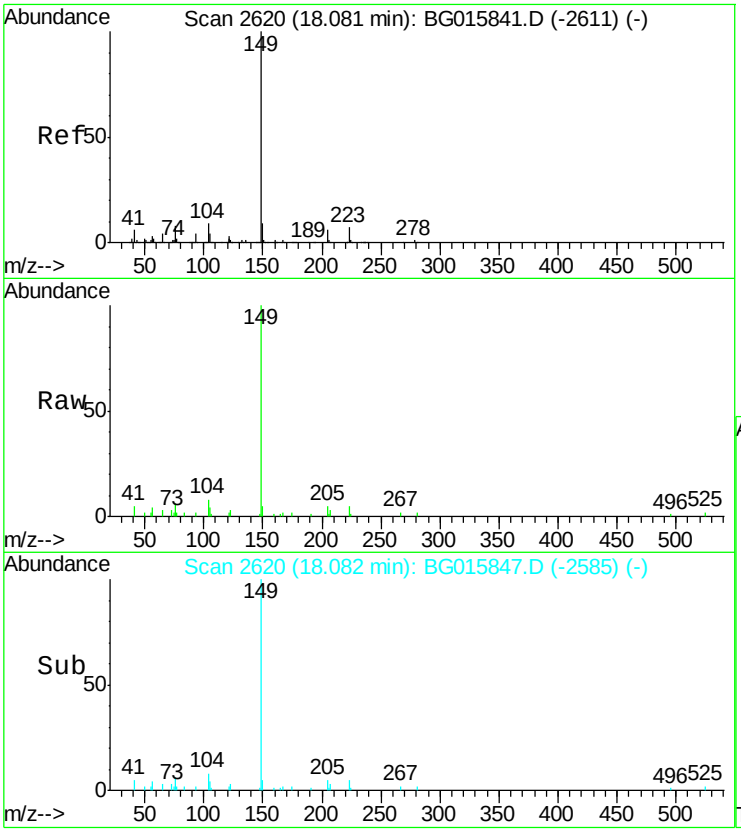


#72
Carbazole
Concen: 1.00 ng
RT: 17.51 min Scan# 2523
Delta R.T. -0.01 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Tgt Ion:167 Resp: 9201

Ion	Ratio	Lower	Upper
167	100		
166	18.0	15.0	22.4
139	13.4	11.0	16.4



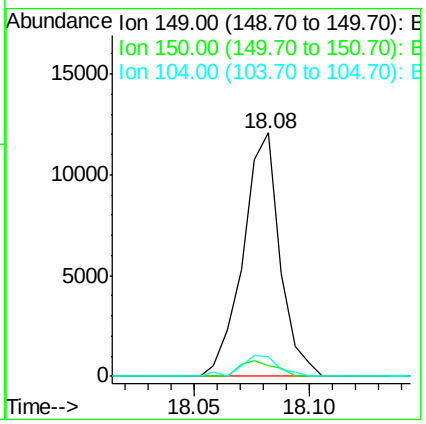


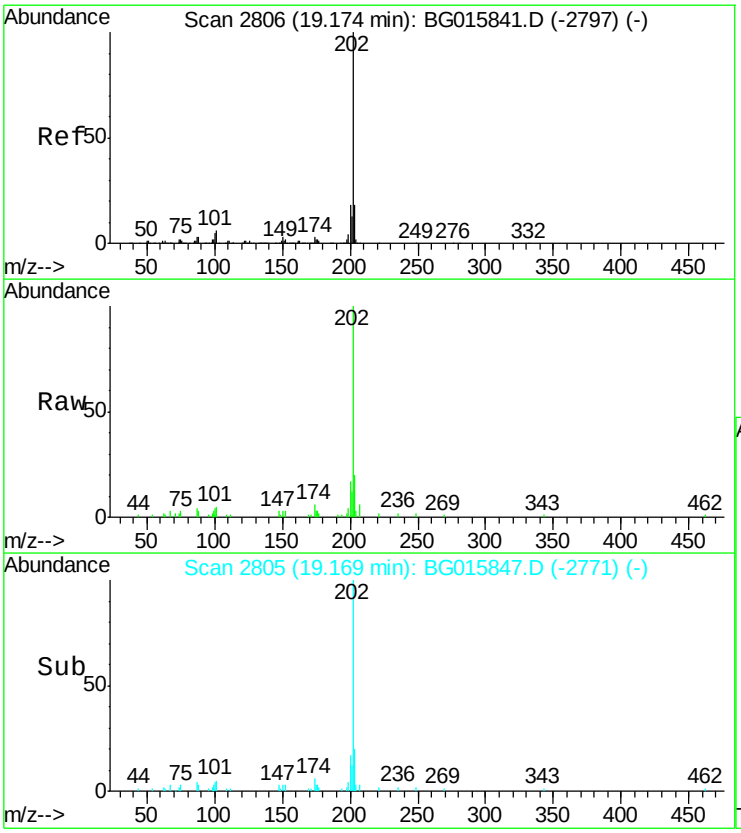
#73
Di-n-butylphthalate
Concen: 1.24 ng
RT: 18.08 min Scan# 2620
Delta R.T. 0.00 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:149 Resp: 13463

Ion	Ratio	Lower	Upper
149	100		
150	4.6	7.1	10.7#
104	7.8	6.8	10.2

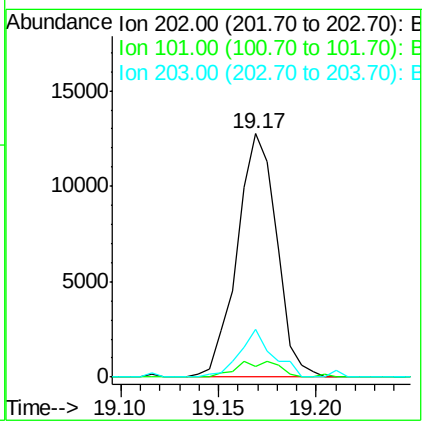


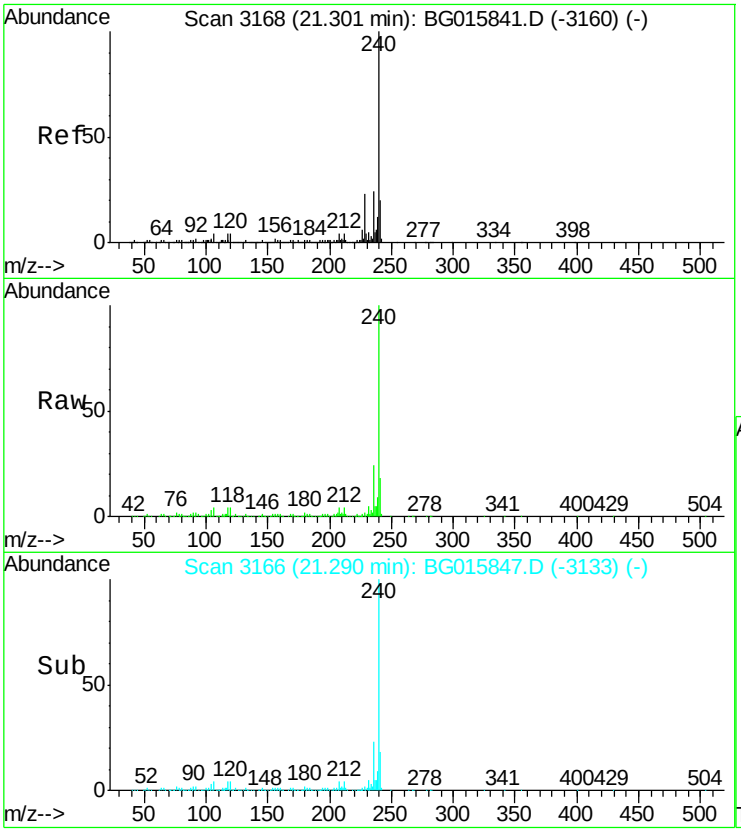


#74
Fluoranthene
Concen: 1.22 ng
RT: 19.17 min Scan# 2805
Delta R.T. -0.00 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Tgt Ion:202 Resp: 17926

Ion	Ratio	Lower	Upper
202	100		
101	4.5	0.0	26.1
203	19.8	0.0	38.0



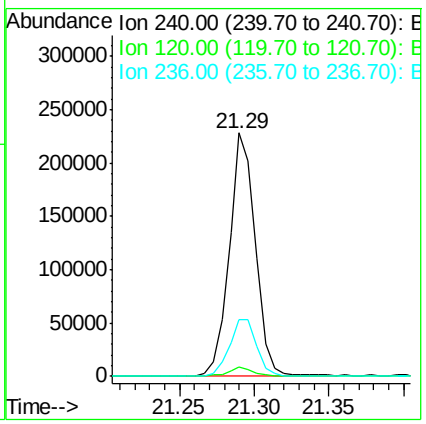


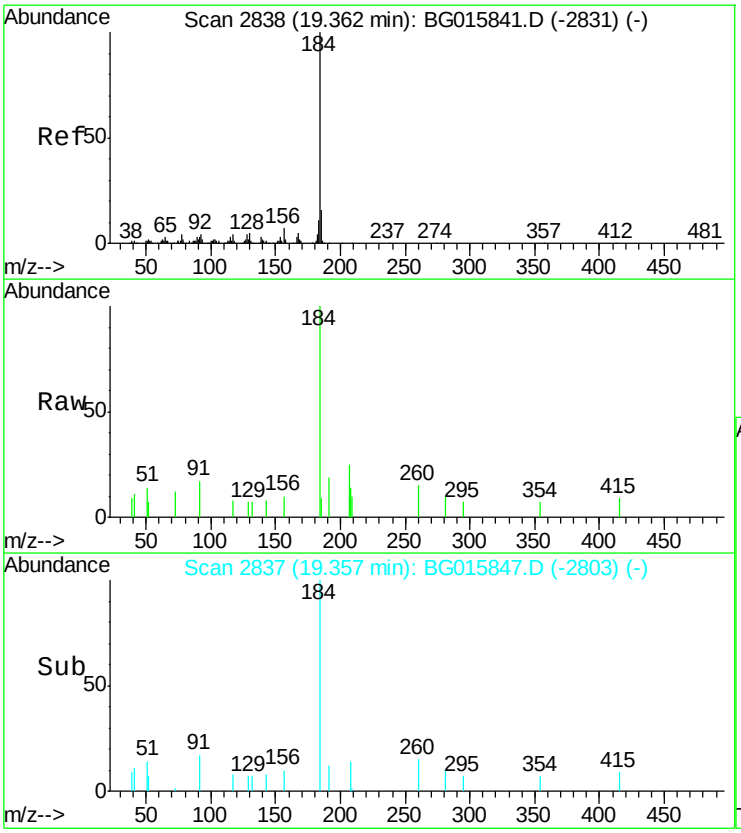
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.29 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:240 Resp: 280120

Ion	Ratio	Lower	Upper
240	100		
120	4.0	3.4	5.2
236	23.5	19.0	28.6





#76
Benzidine
Concen: 0.52 ng
RT: 19.36 min Scan# 2837
Delta R.T. -0.00 min
Lab File: BG015847.D
Acq: 5 Jan 2015 17:52

Tgt Ion:184 Resp: 3403

Ion	Ratio	Lower	Upper
184	100		
185	9.3	12.6	18.8#
183	0.0	8.4	12.6#