Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062215\
Data File : BG017748.D
Acq On : 22 Jun 2015 16:52
Operator : TP/IZ
Sample : G2653-03
Misc : LOD-SVOC-SOIL-2PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOD-SOIL2015-01

Quant Time: Jun 23 03:50:41 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	78961	20.00	ng		0.00
21) Naphthalene-d8	10.39	136	340690	20.00	ng		0.00
38) Acenaphthene-d10	14.27	164	200860	20.00	ng		0.00
63) Phenanthrene-d10	17.01	188	456029	20.00	ng		-0.02
75) Chrysene-d12	21.22	240	485621	20.00	ng		-0.02
86) Perylene-d12	23.44	264	452611	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	562742	125.07	ng		0.00
7) Phenol-d6	6.79	99	763154	120.67	ng		0.00
23) Nitrobenzene-d5	8.76	82	467301	78.90	ng		-0.02
41) 2,4,6-Tribromophenol	15.76	330	204023	109.54	ng		-0.02
44) 2-Fluorobiphenyl	12.88	172	936132	75.69	ng		-0.02
78) Terphenyl-d14	19.66	244	1504279	70.39	ng		-0.02
Target Compounds							Qvalue
3) Pyridine	3.56	79	6981	1.28	ng	#	61
10) Phenol	6.81	94	11231	1.63	ng		85
35) Caprolactam	11.30	113	2462	0.91	ng	#	76
40) Hexachlorocyclopentadiene	12.41	237	3561	0.98	ng	#	75
53) 2,4-Dinitrophenol	14.37	184	750	7.65	ng	#	67
64) 4,6-Dinitro-2-methylphenol	15.39	198	1668	7.76	ng		86
76) Benzidine	19.28	184	4801	0.30	ng		95

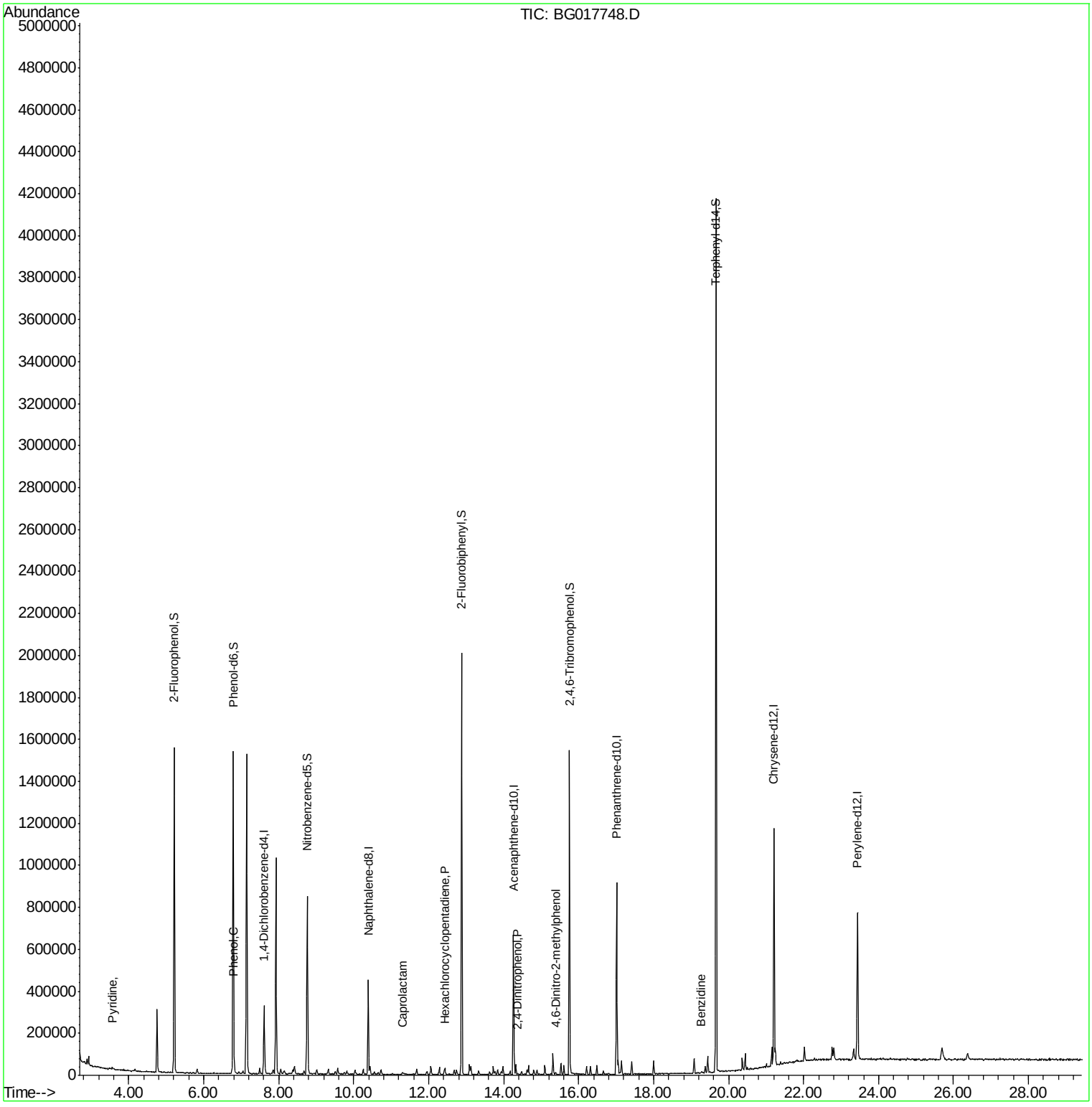
(#) = qualifier out of range (m) = manual integration (+) = signals summed

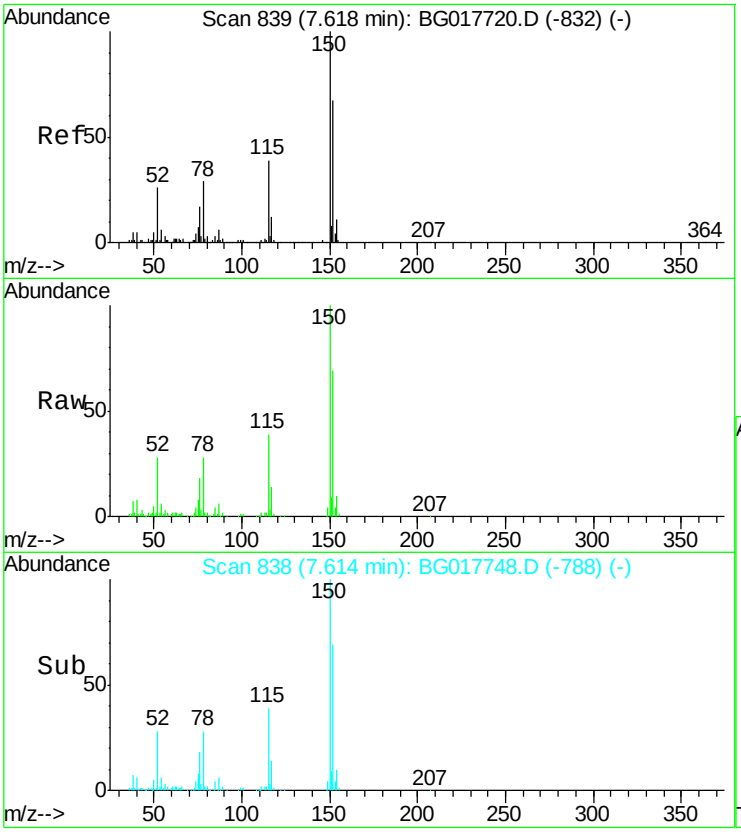
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062215\
Data File : BG017748.D
Acq On : 22 Jun 2015 16:52
Operator : TP/IZ
Sample : G2653-03
Misc : LOD-SVOC-SOIL-2PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Quant Time: Jun 23 03:50:41 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



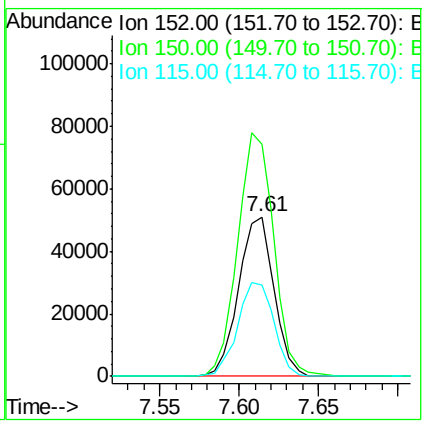


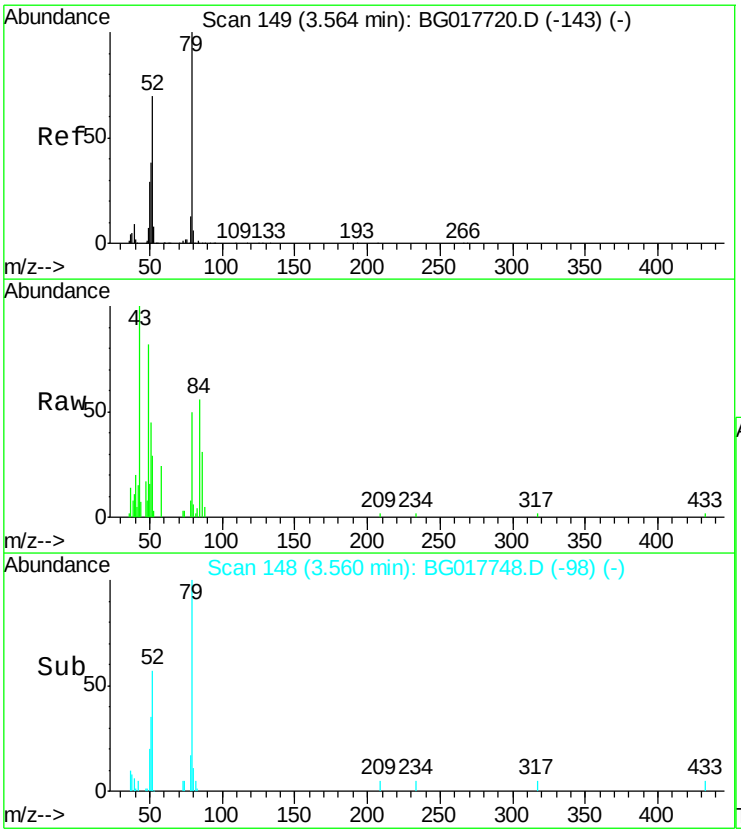
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.61 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG017748.D
Acq: 22 Jun 2015 16:52

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:152 Resp: 78961

Ion	Ratio	Lower	Upper
152	100		
150	145.2	119.1	178.7
115	57.0	47.0	70.4

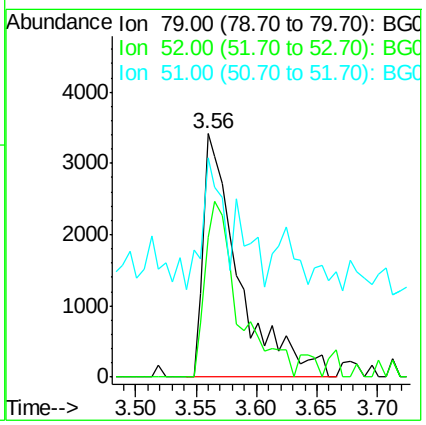


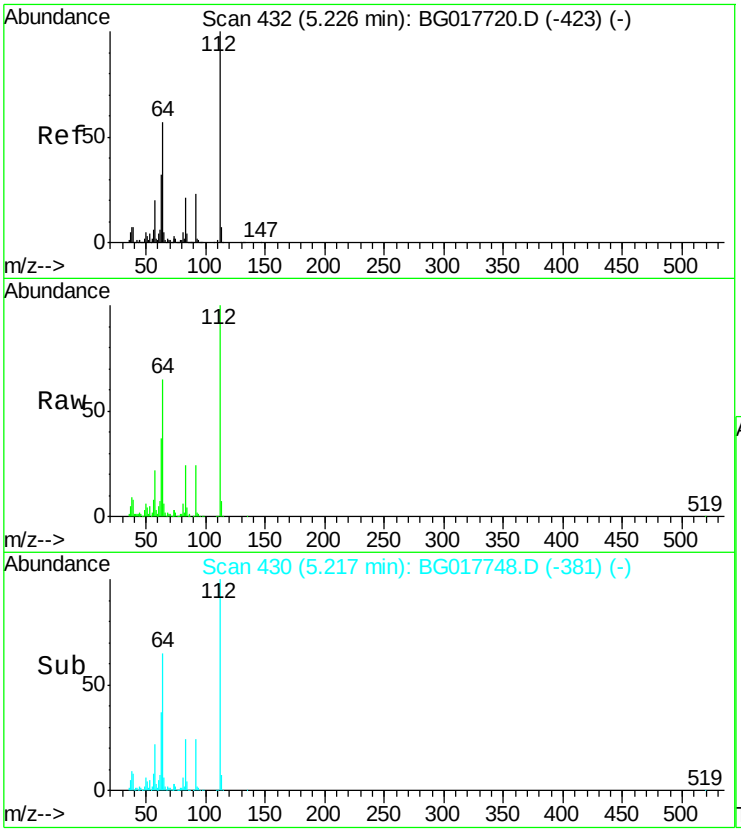


#3
Pyridine
Concen: 1.28 ng
RT: 3.56 min Scan# 148
Delta R.T. -0.00 min
Lab File: BG017748.D
Acq: 22 Jun 2015 16:52

Tgt Ion: 79 Resp: 6981

Ion	Ratio	Lower	Upper
79	100		
52	57.4	55.7	83.5
51	89.8	32.2	48.4#



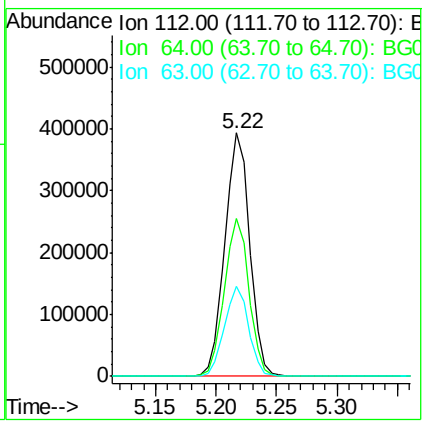


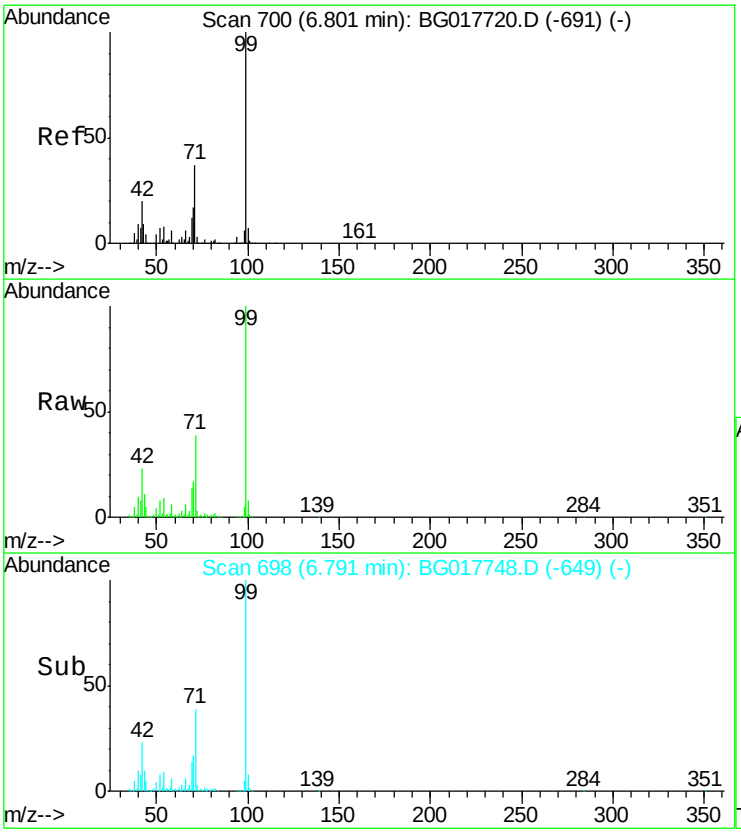
#5
2-Fluorophenol
Concen: 125.07 ng
RT: 5.22 min Scan# 430
Delta R.T. -0.01 min
Lab File: BG017748.D
Acq: 22 Jun 2015 16:52

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:112 Resp: 562742

Ion	Ratio	Lower	Upper
112	100		
64	64.8	45.4	68.0
63	36.8	25.3	37.9

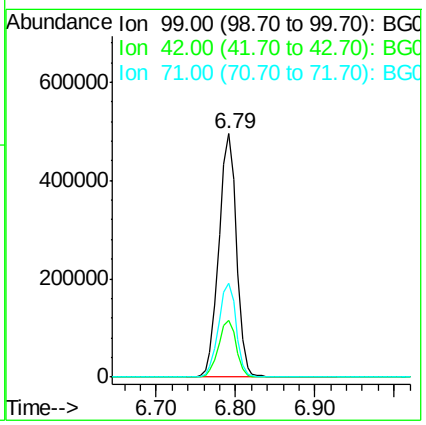


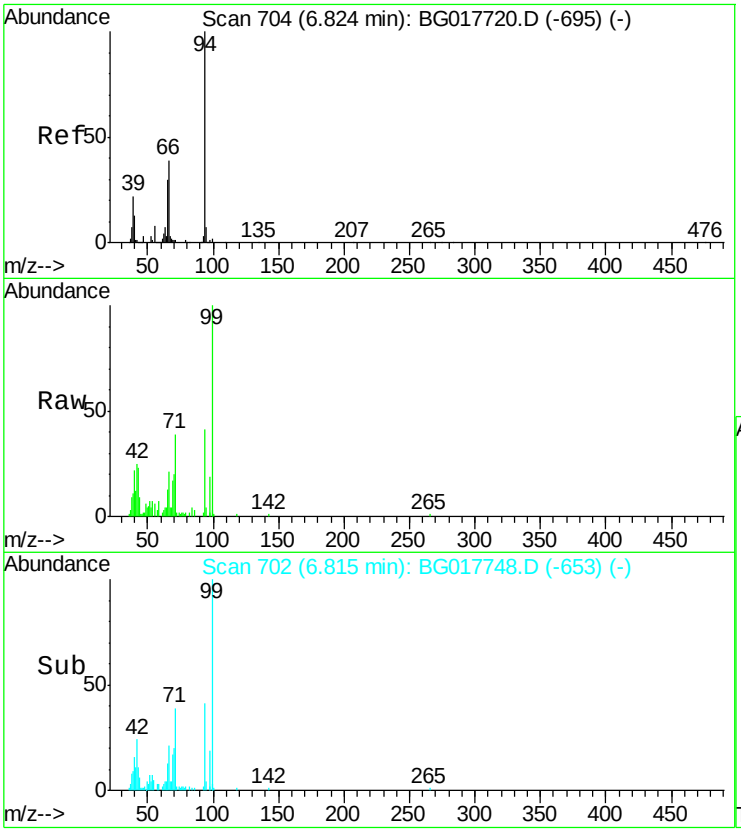


#7
Phenol-d6
Concen: 120.67 ng
RT: 6.79 min Scan# 698
Delta R.T. -0.01 min
Lab File: BG017748.D
Acq: 22 Jun 2015 16:52

Tgt Ion: 99 Resp: 763154

Ion	Ratio	Lower	Upper
99	100		
42	23.3	16.2	24.4
71	38.8	29.5	44.3



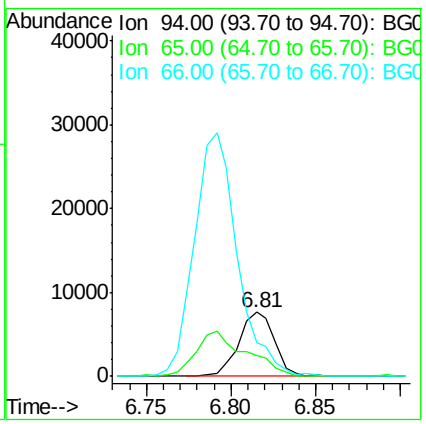


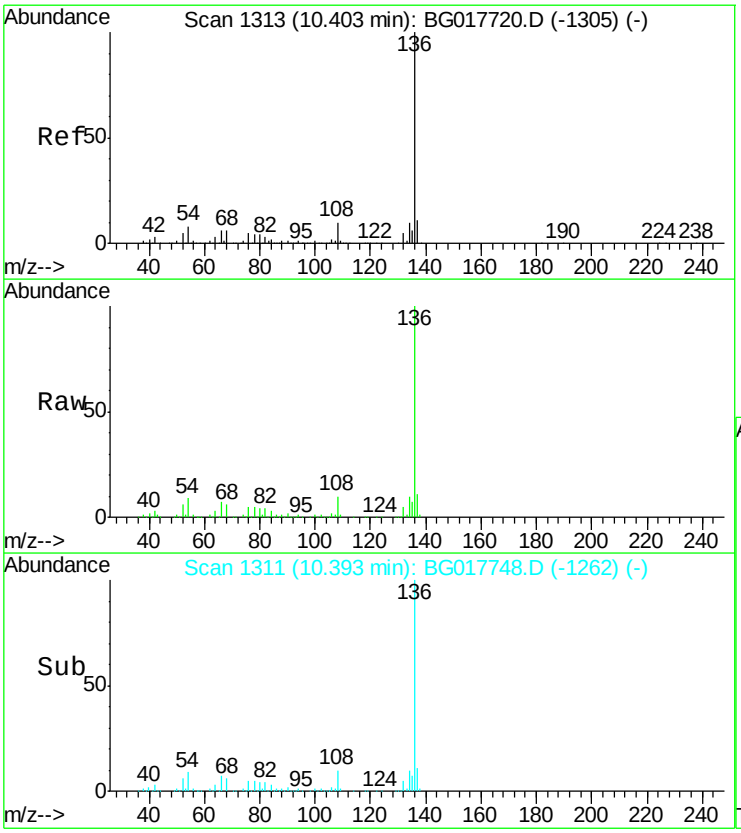
#10
Phenol
Concen: 1.63 ng
RT: 6.81 min Scan# 702
Delta R.T. -0.01 min
Lab File: BG017748.D
Acq: 22 Jun 2015 16:52

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion: 94 Resp: 11231

Ion	Ratio	Lower	Upper
94	100		
65	33.2	9.9	49.9
66	52.7	19.4	59.4

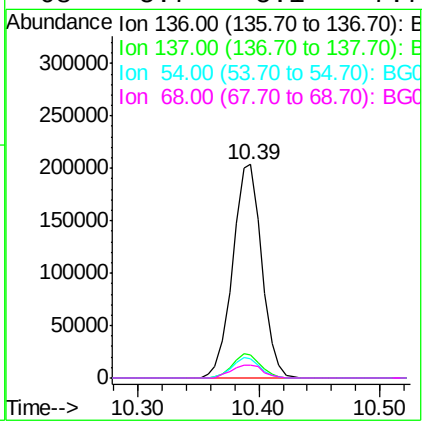


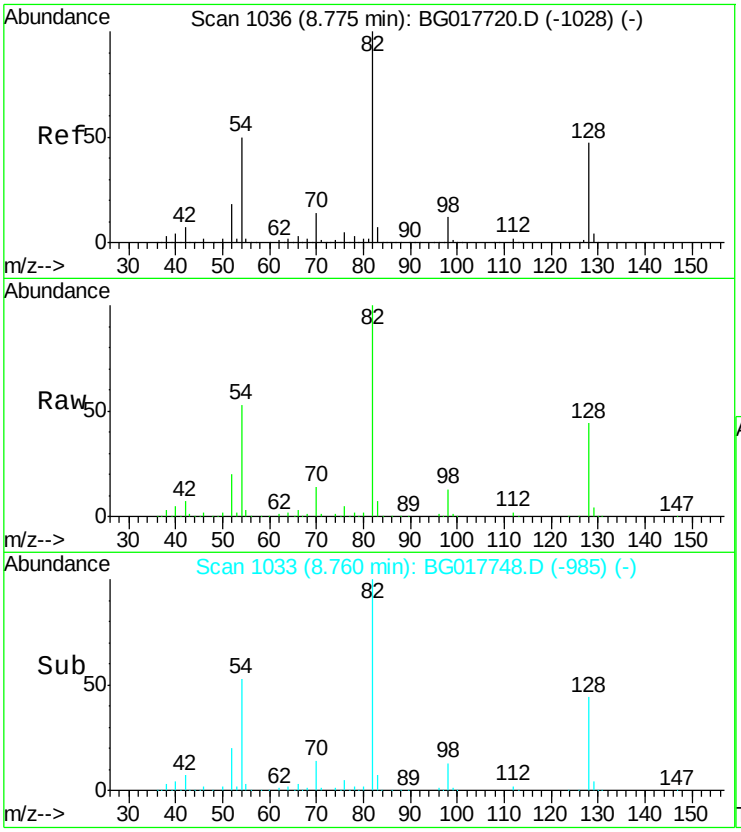


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.39 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BG017748.D
Acq: 22 Jun 2015 16:52

Tgt Ion:136 Resp: 340690

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	9.1	6.6	9.8
68	5.7	5.1	7.7



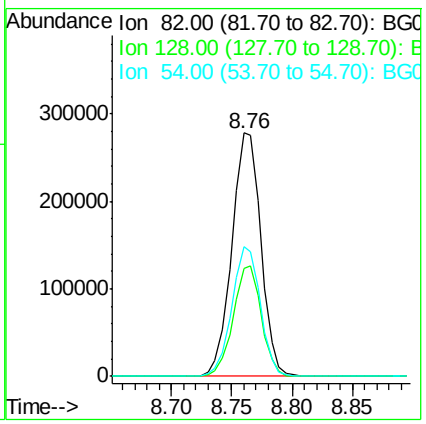


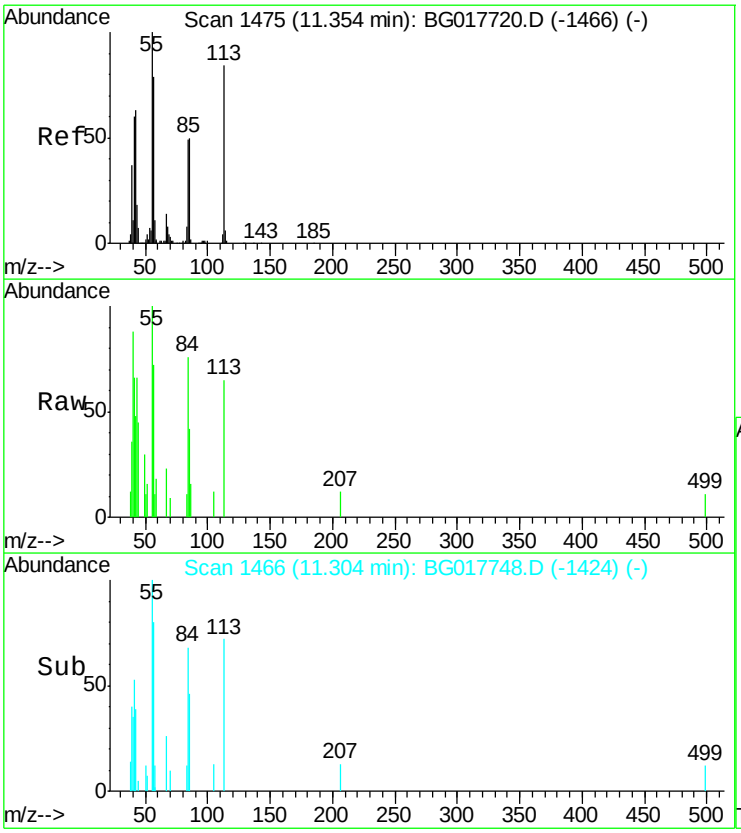
#23
Nitrobenzene-d5
Concen: 78.90 ng
RT: 8.76 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BG017748.D
Acq: 22 Jun 2015 16:52

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion: 82 Resp: 467301

Ion	Ratio	Lower	Upper
82	100		
128	44.2	37.8	56.6
54	53.4	39.9	59.9

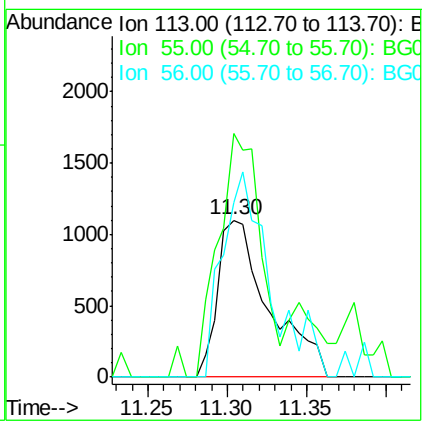


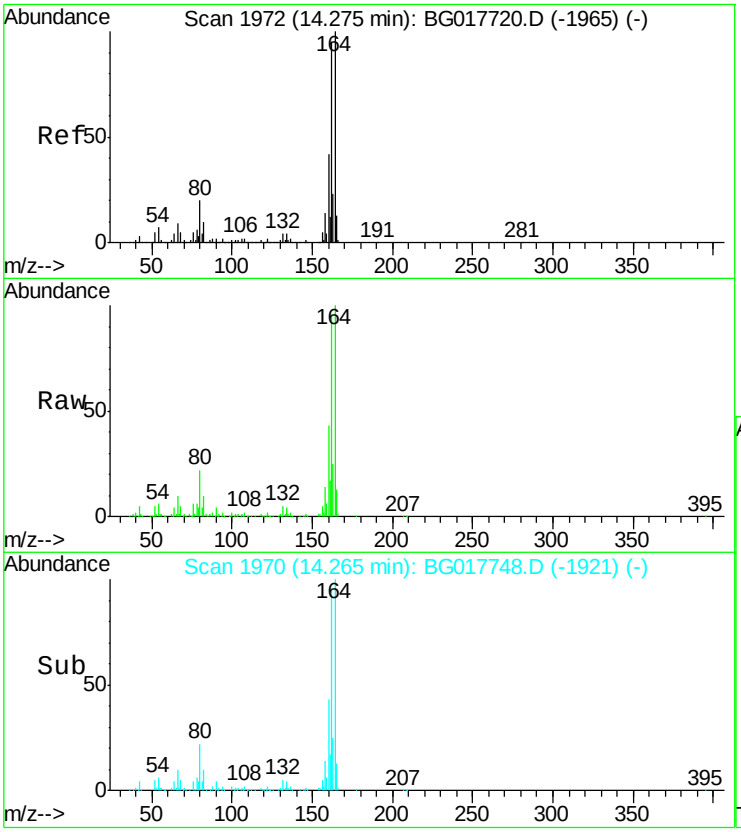


#35
Caprolactam
Concen: 0.91 ng
RT: 11.30 min Scan# 1466
Delta R.T. -0.05 min
Lab File: BG017748.D
Acq: 22 Jun 2015 16:52

Tgt Ion:113 Resp: 2462

Ion	Ratio	Lower	Upper
113	100		
55	154.9	100.8	140.8#
56	111.3	75.5	115.5



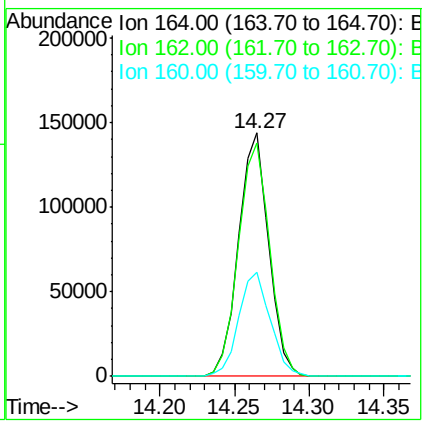


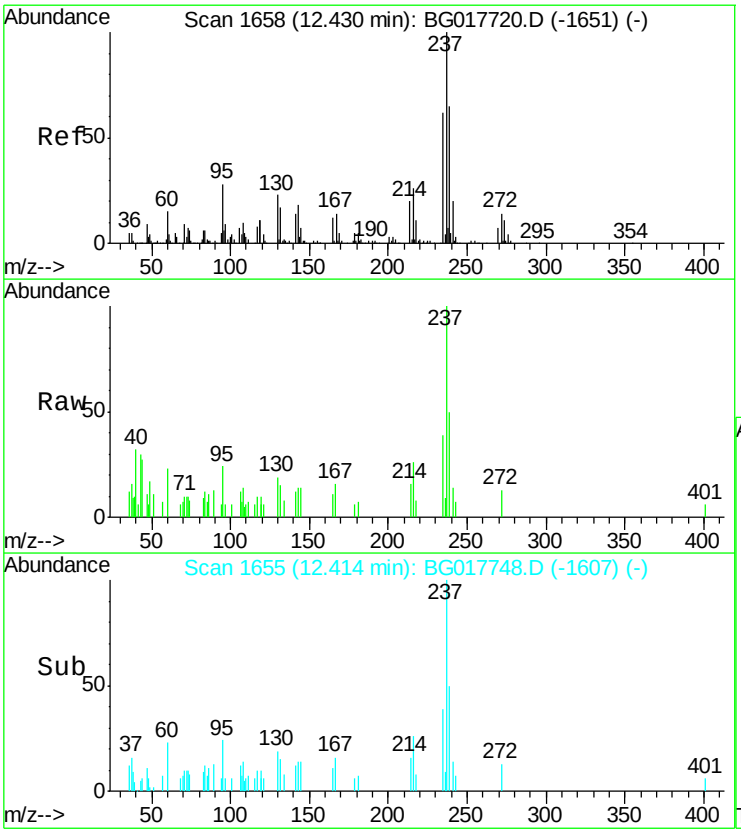
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.27 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG017748.D
Acq: 22 Jun 2015 16:52

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:164 Resp: 200860

Ion	Ratio	Lower	Upper
164	100		
162	96.0	76.3	114.5
160	42.8	33.7	50.5

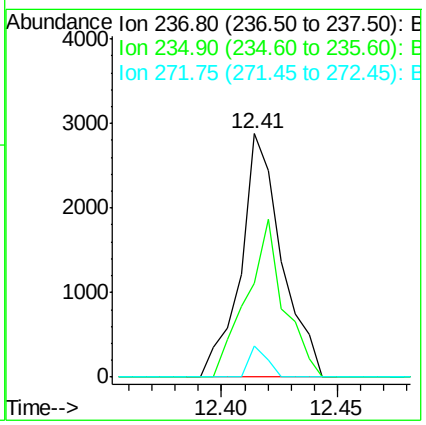


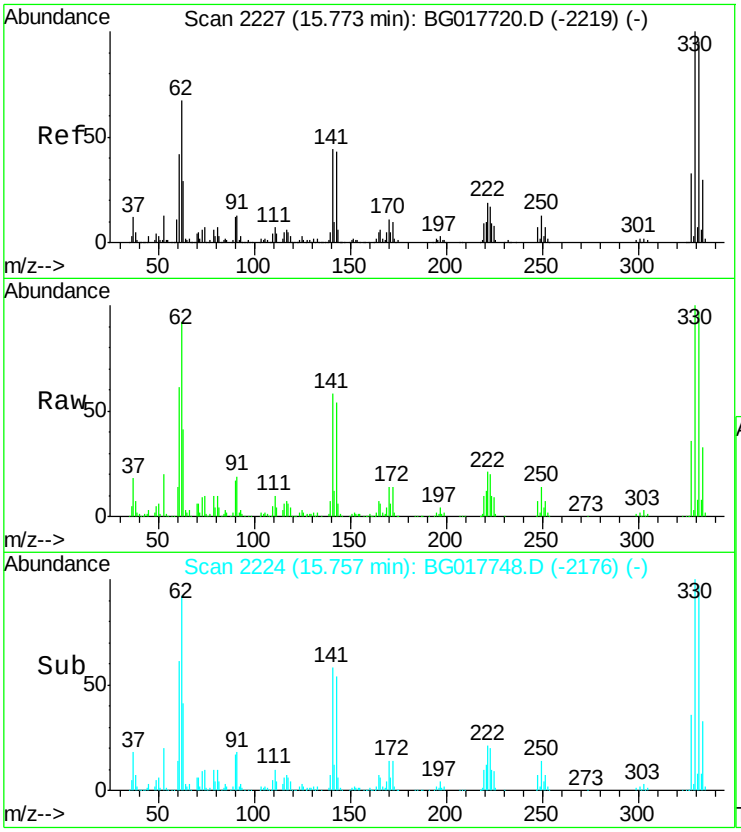


#40
Hexachlorocyclopentadiene
Concen: 0.98 ng
RT: 12.41 min Scan# 1655
Delta R.T. -0.02 min
Lab File: BG017748.D
Acq: 22 Jun 2015 16:52

Tgt Ion:237 Resp: 3561

Ion	Ratio	Lower	Upper
237	100		
235	38.7	42.2	82.2#
272	12.7	0.0	33.9



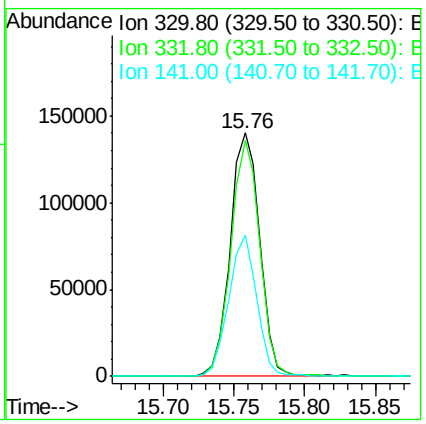


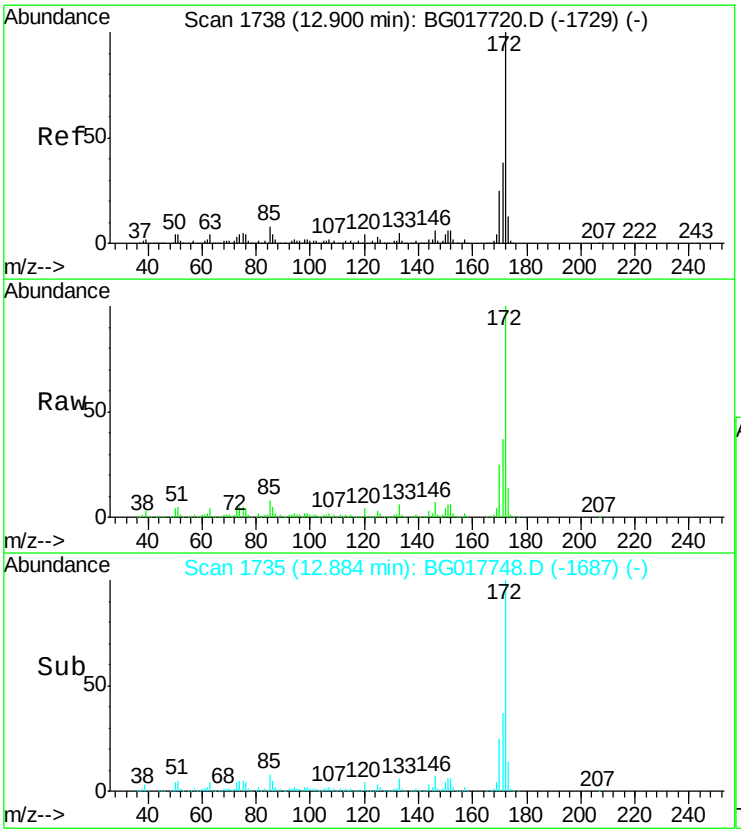
#41
2,4,6-Tribromophenol
Concen: 109.54 ng
RT: 15.76 min Scan# 2224
Delta R.T. -0.02 min
Lab File: BG017748.D
Acq: 22 Jun 2015 16:52

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:330 Resp: 204023

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.8	115.2
141	55.1	38.0	57.0

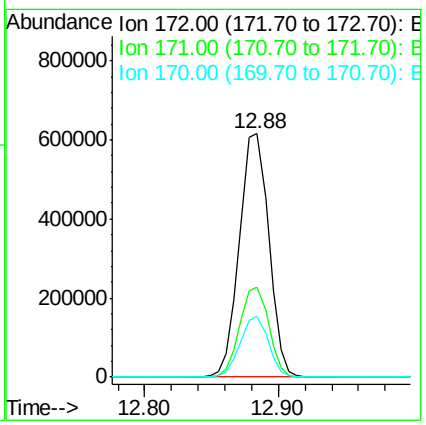


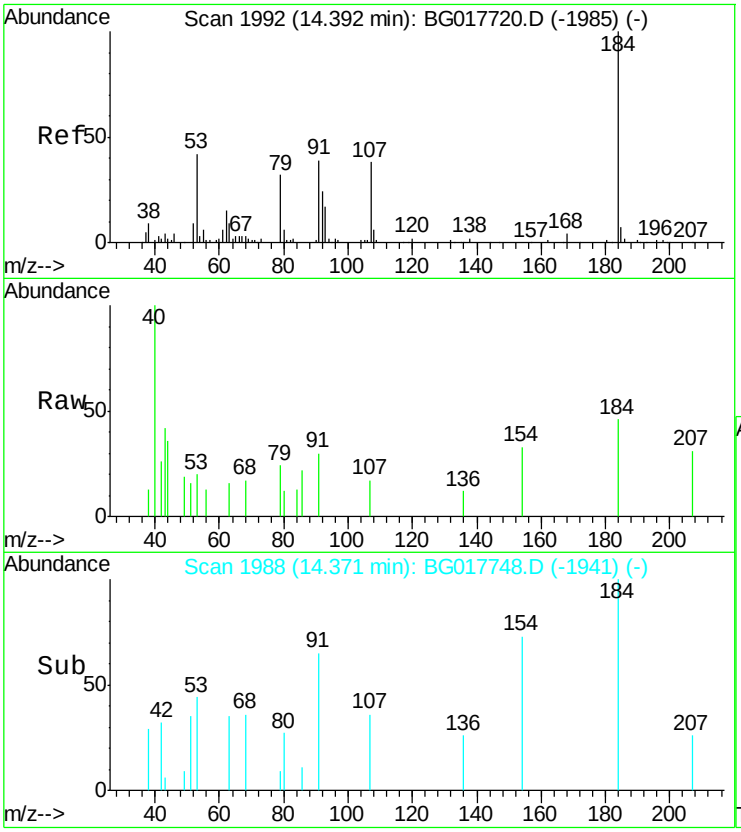


#44
2-Fluorobiphenyl
Concen: 75.69 ng
RT: 12.88 min Scan# 1735
Delta R.T. -0.02 min
Lab File: BG017748.D
Acq: 22 Jun 2015 16:52

Tgt Ion:172 Resp: 936132

Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.7	46.1
170	24.8	19.7	29.5



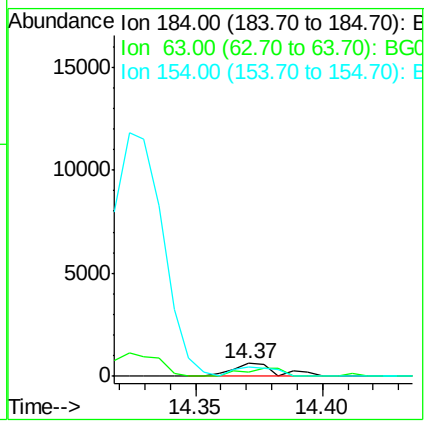


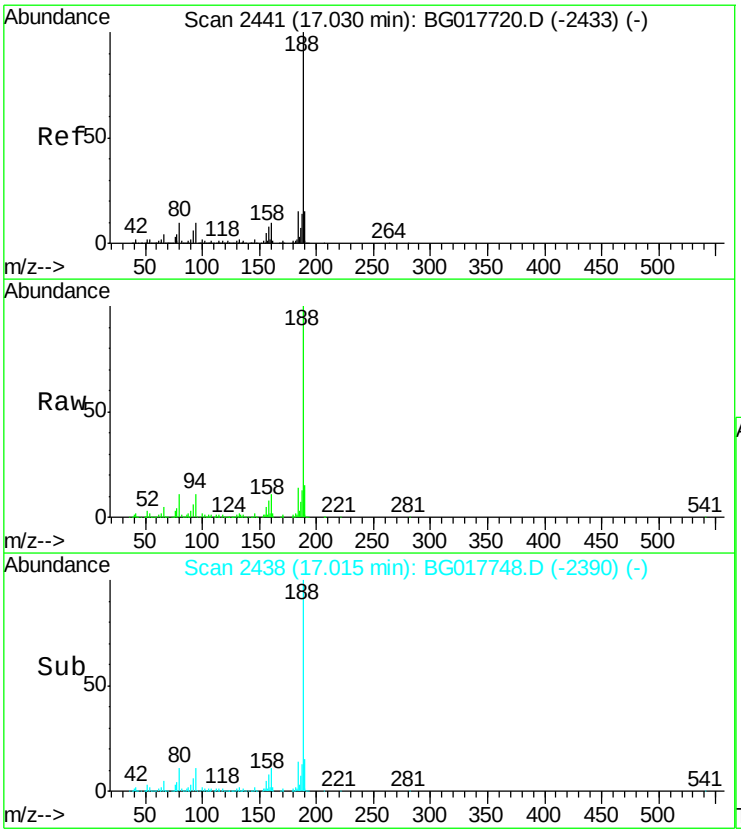
#53
2,4-Dinitrophenol
Concen: 7.65 ng
RT: 14.37 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG017748.D
Acq: 22 Jun 2015 16:52

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:184 Resp: 750

Ion	Ratio	Lower	Upper
184	100		
63	35.4	47.8	71.6#
154	72.7	39.3	58.9#

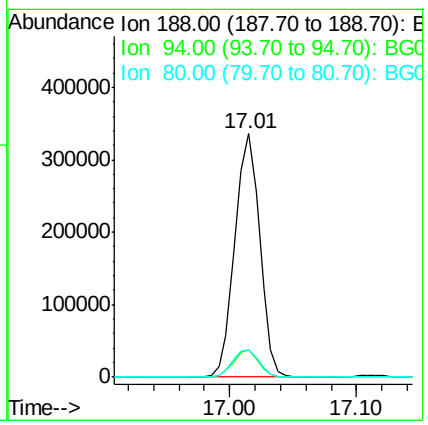


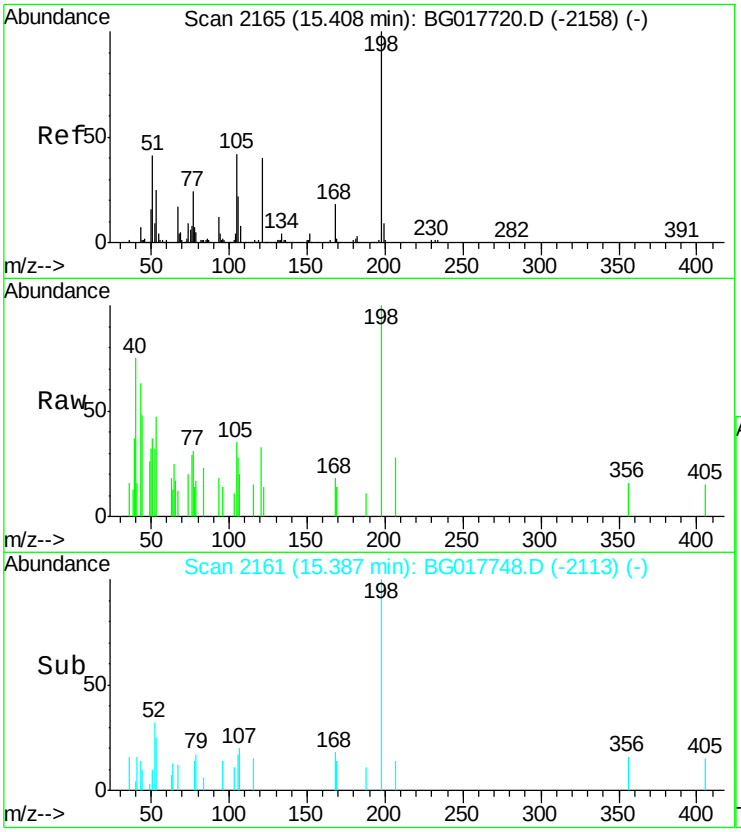


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.01 min Scan# 2438
Delta R.T. -0.02 min
Lab File: BG017748.D
Acq: 22 Jun 2015 16:52

Tgt Ion:188 Resp: 456029

Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.2	12.2
80	11.4	8.2	12.4



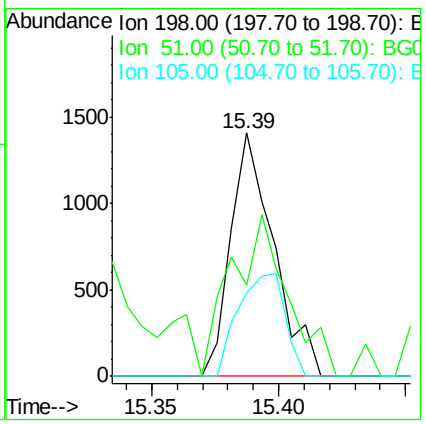


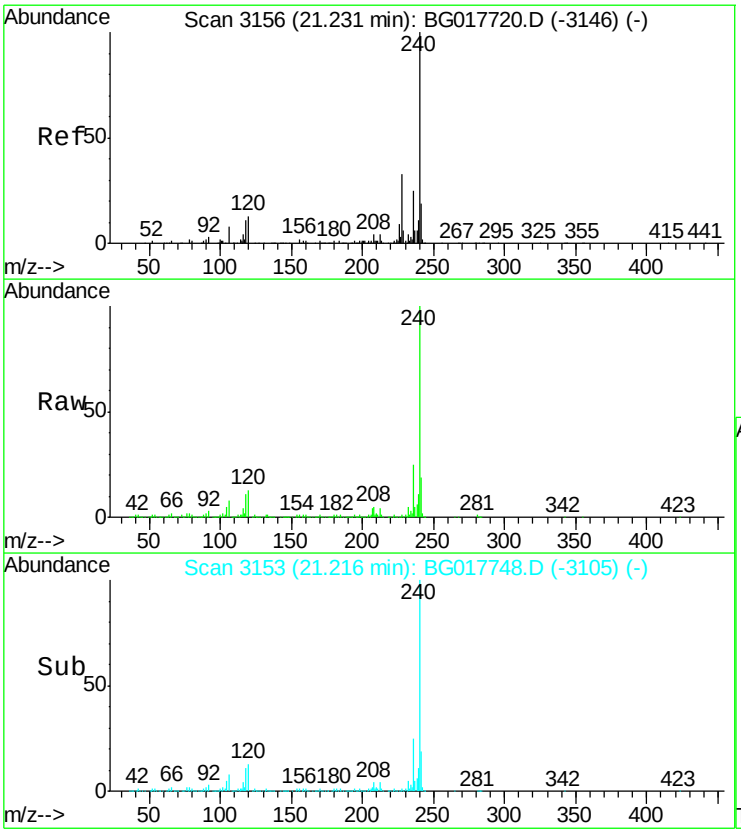
#64
4,6-Dinitro-2-methylphenol
Concen: 7.76 ng
RT: 15.39 min Scan# 2161
Delta R.T. -0.02 min
Lab File: BG017748.D
Acq: 22 Jun 2015 16:52

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:198 Resp: 1668

Ion	Ratio	Lower	Upper
198	100		
51	37.4	27.0	67.0
105	34.6	23.3	63.3

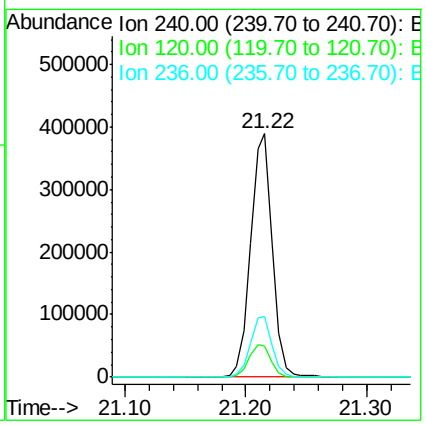


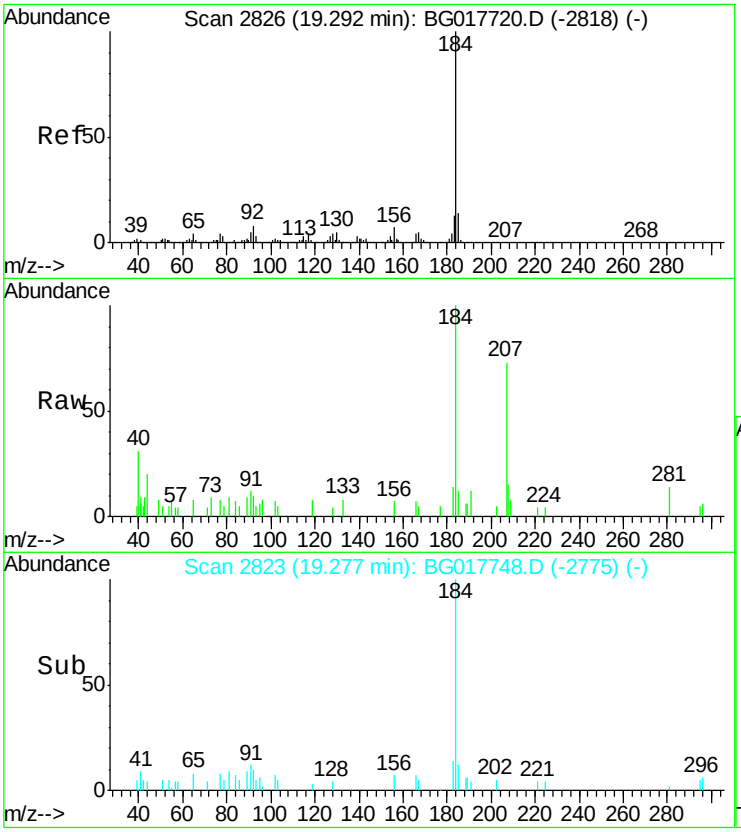


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.22 min Scan# 3153
Delta R.T. -0.02 min
Lab File: BG017748.D
Acq: 22 Jun 2015 16:52

Tgt Ion:240 Resp: 485621

Ion	Ratio	Lower	Upper
240	100		
120	12.6	10.8	16.2
236	24.7	20.0	30.0



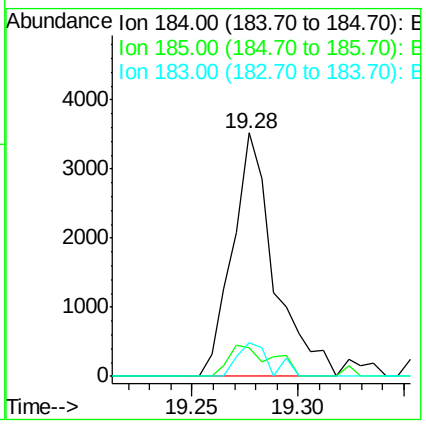


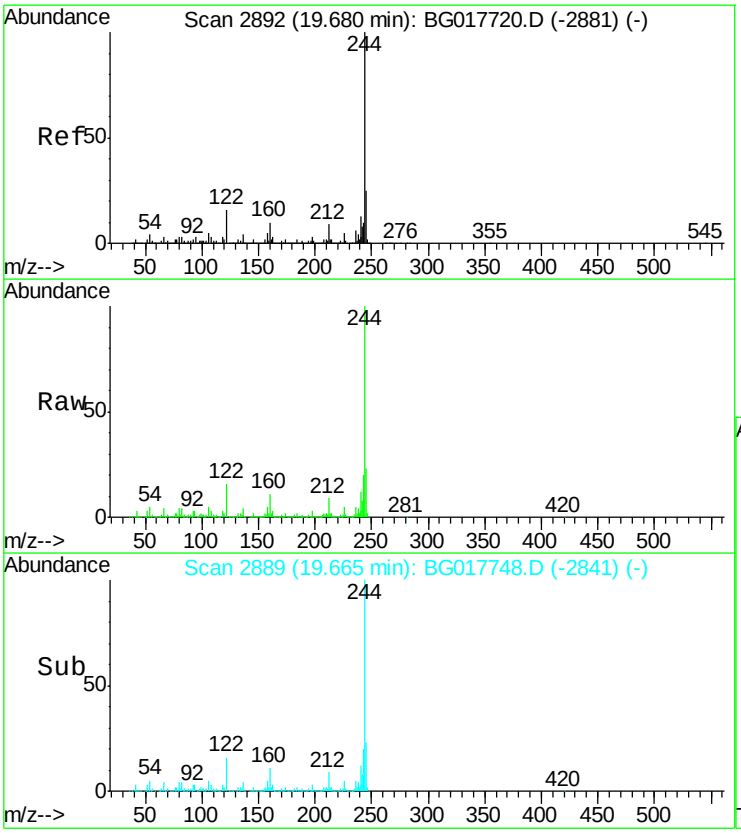
#76
Benzidine
Concen: 0.30 ng
RT: 19.28 min Scan# 2823
Delta R.T. -0.02 min
Lab File: BG017748.D
Acq: 22 Jun 2015 16:52

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:184 Resp: 4801

Ion	Ratio	Lower	Upper
184	100		
185	11.7	11.5	17.3
183	13.7	10.0	15.0

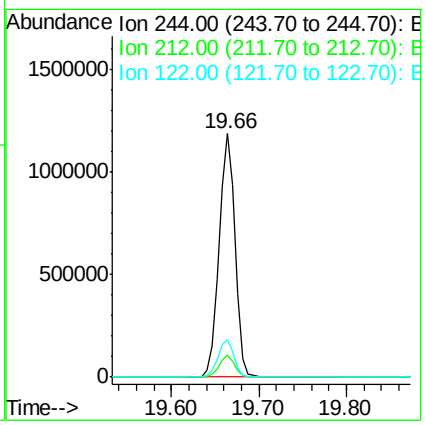


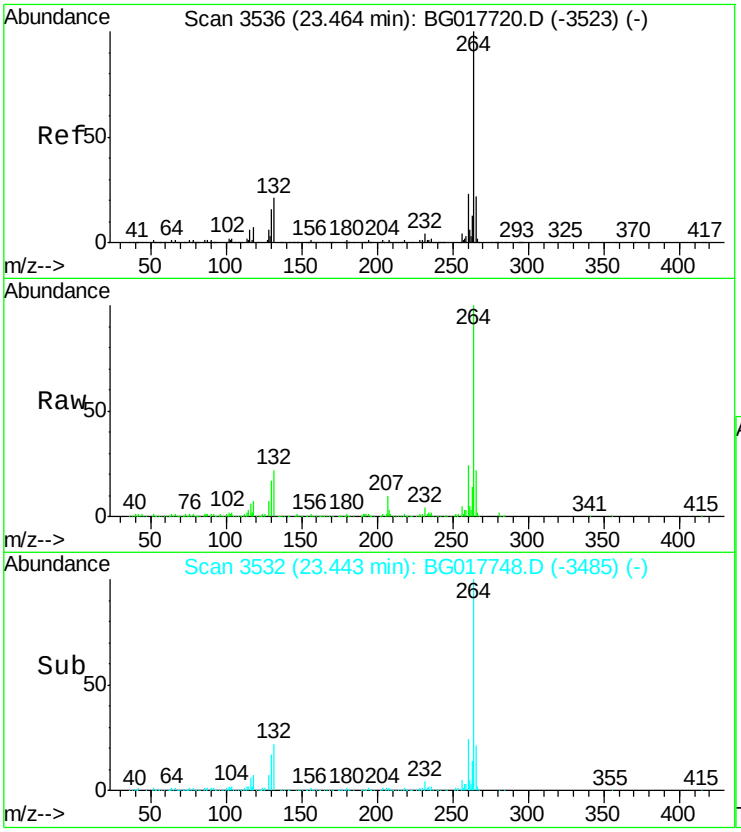


#78
Terphenyl-d14
Concen: 70.39 ng
RT: 19.66 min Scan# 2889
Delta R.T. -0.02 min
Lab File: BG017748.D
Acq: 22 Jun 2015 16:52

Tgt Ion:244 Resp: 1504279

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.2	10.8
122	15.6	12.8	19.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.44 min Scan# 3532
Delta R.T. -0.02 min
Lab File: BG017748.D
Acq: 22 Jun 2015 16:52

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:264 Resp: 452611

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	27.8
265	21.6	18.2	27.2