Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062215\
Data File : BG017747.D
Acq On : 22 Jun 2015 16:17
Operator : TP/IZ
Sample : G2653-03
Misc : LOD-SVOC-SOIL-1PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOD-SOIL2015-01

Quant Time: Jun 23 02:14:31 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	74439	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	325202	20.00	ng	-0.01
38) Acenaphthene-d10	14.26	164	195018	20.00	ng	-0.01
63) Phenanthrene-d10	17.01	188	442569	20.00	ng	-0.02
75) Chrysene-d12	21.21	240	471383	20.00	ng	-0.02
86) Perylene-d12	23.44	264	434124	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	514219	121.23	ng	0.00
7) Phenol-d6	6.79	99	688757	115.53	ng	-0.01
23) Nitrobenzene-d5	8.76	82	422652	74.76	ng	-0.01
41) 2,4,6-Tribromophenol	15.76	330	190123	105.14	ng	-0.01
44) 2-Fluorobiphenyl	12.88	172	845072	70.38	ng	-0.02
78) Terphenyl-d14	19.66	244	1393335	67.16	ng	-0.02
Target Compounds						Qvalue
32) Benzoic acid	9.57	122	3280	8.73	ng	# 10
53) 2,4-Dinitrophenol	14.38	184	185	7.31	ng	# 63
56) 2,4-Dinitrotoluene	14.63	165	1962	3.35	ng	# 82
64) 4,6-Dinitro-2-methylphenol	15.39	198	760	7.45	ng	88

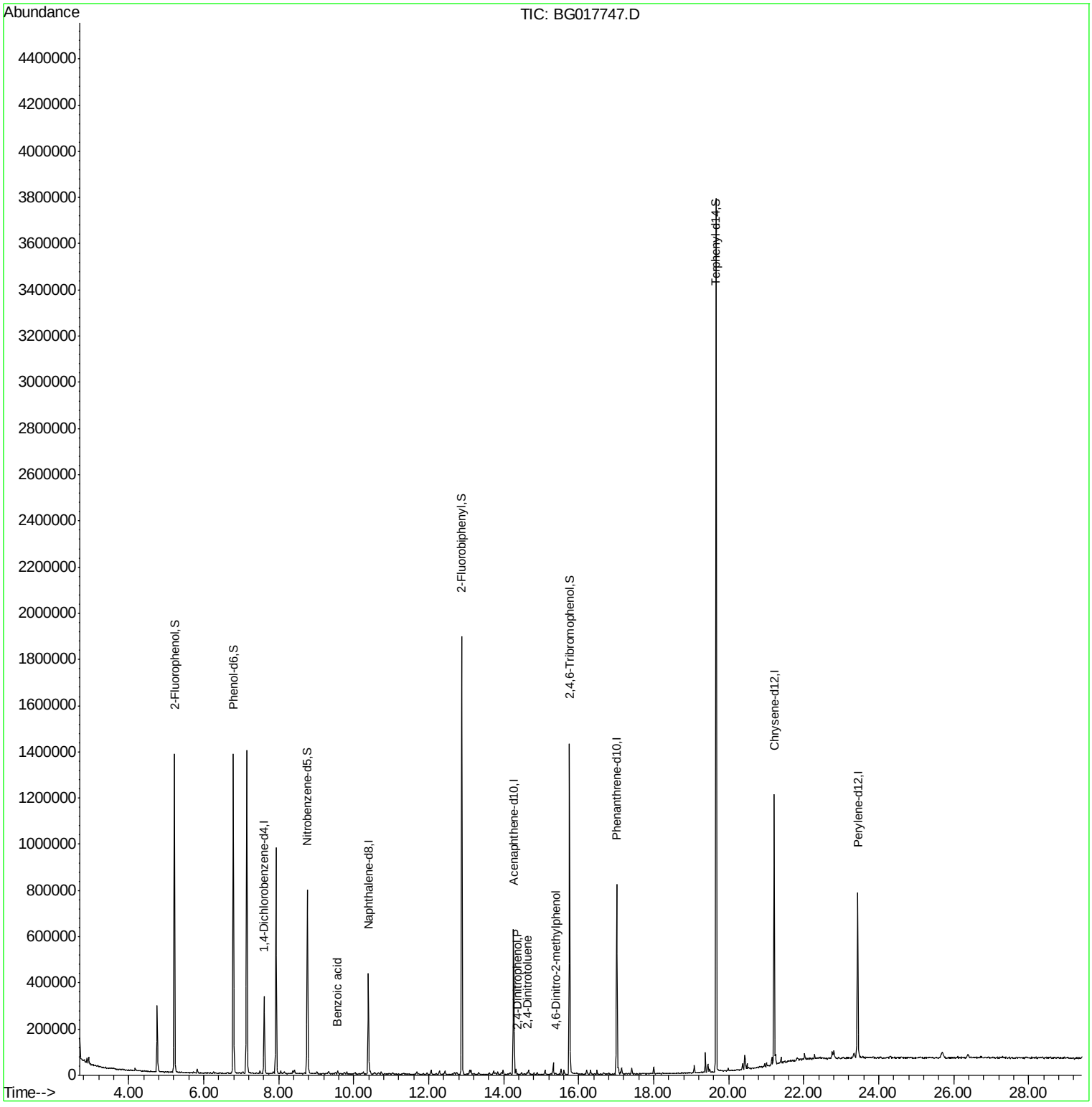
(#) = qualifier out of range (m) = manual integration (+) = signals summed

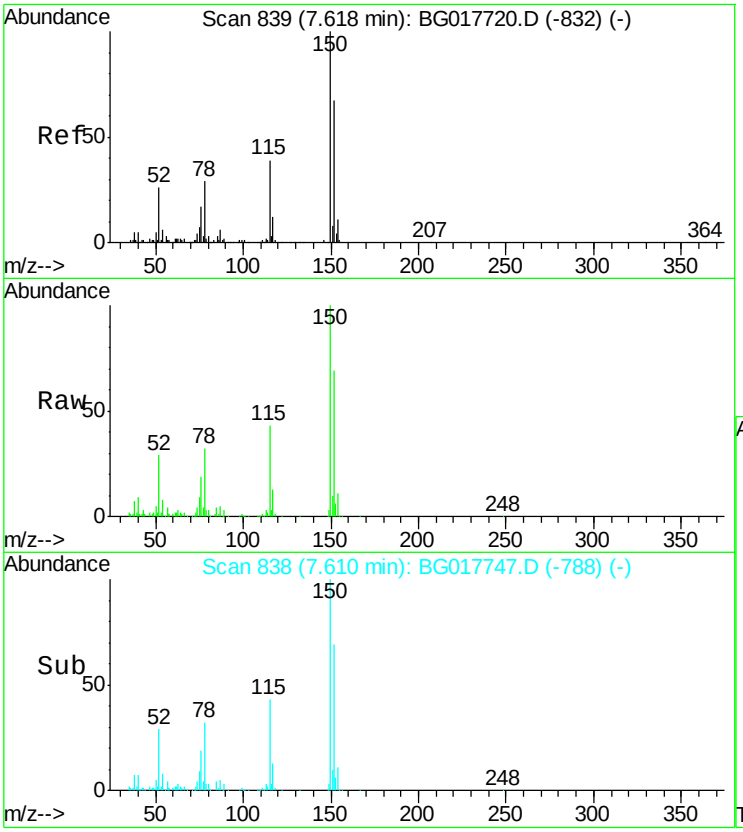
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062215\
Data File : BG017747.D
Acq On : 22 Jun 2015 16:17
Operator : TP/IZ
Sample : G2653-03
Misc : LOD-SVOC-SOIL-1PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Quant Time: Jun 23 02:14:31 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



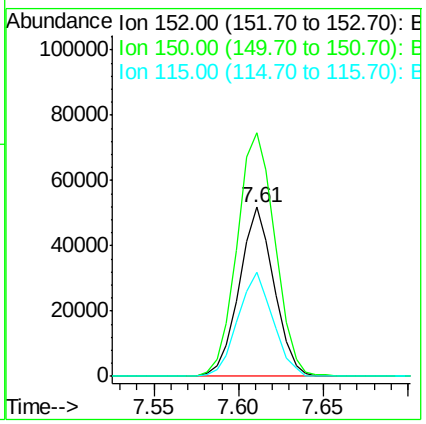


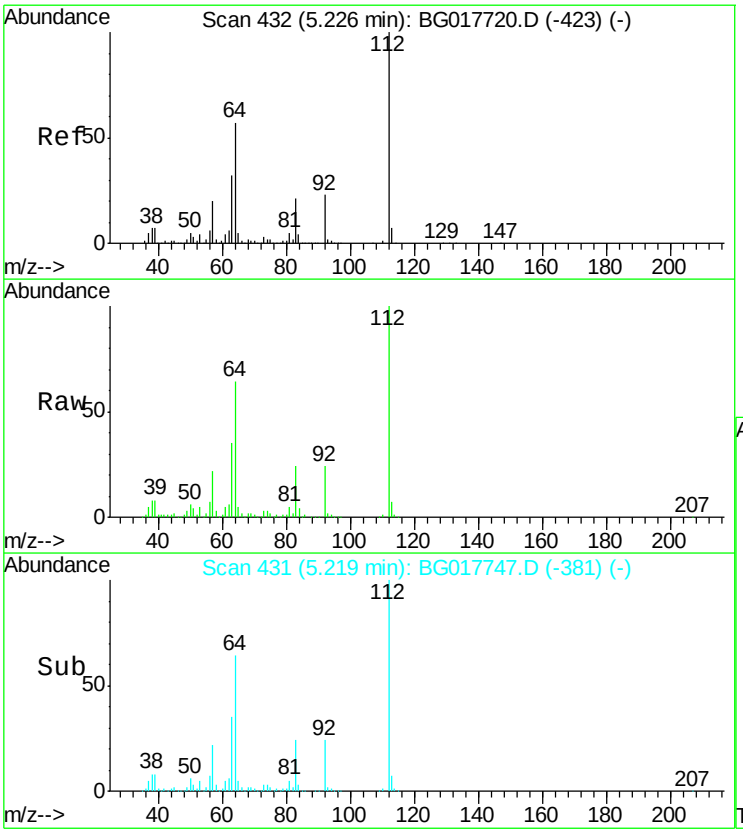
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.61 min Scan# 838
Delta R.T. -0.01 min
Lab File: BG017747.D
Acq: 22 Jun 2015 16:17

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:152 Resp: 74439

Ion	Ratio	Lower	Upper
152	100		
150	144.1	119.1	178.7
115	61.9	47.0	70.4

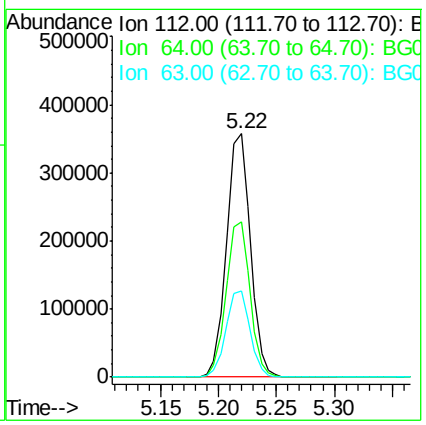


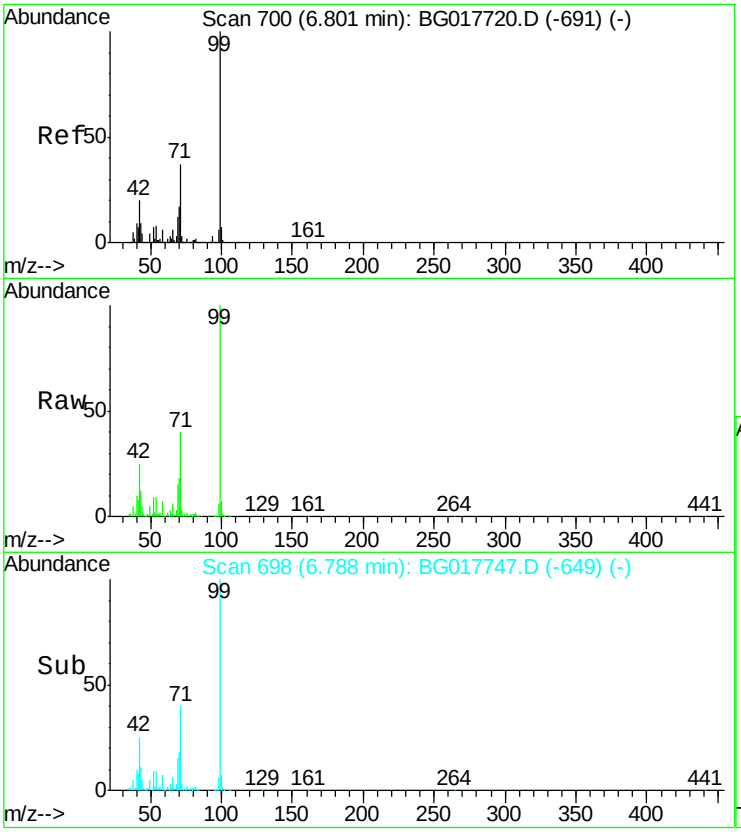


#5
2-Fluorophenol
Concen: 121.23 ng
RT: 5.22 min Scan# 431
Delta R.T. -0.01 min
Lab File: BG017747.D
Acq: 22 Jun 2015 16:17

Tgt Ion:112 Resp: 514219

Ion	Ratio	Lower	Upper
112	100		
64	63.7	45.4	68.0
63	35.4	25.3	37.9



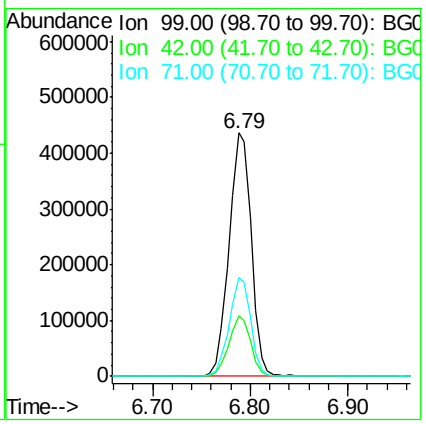


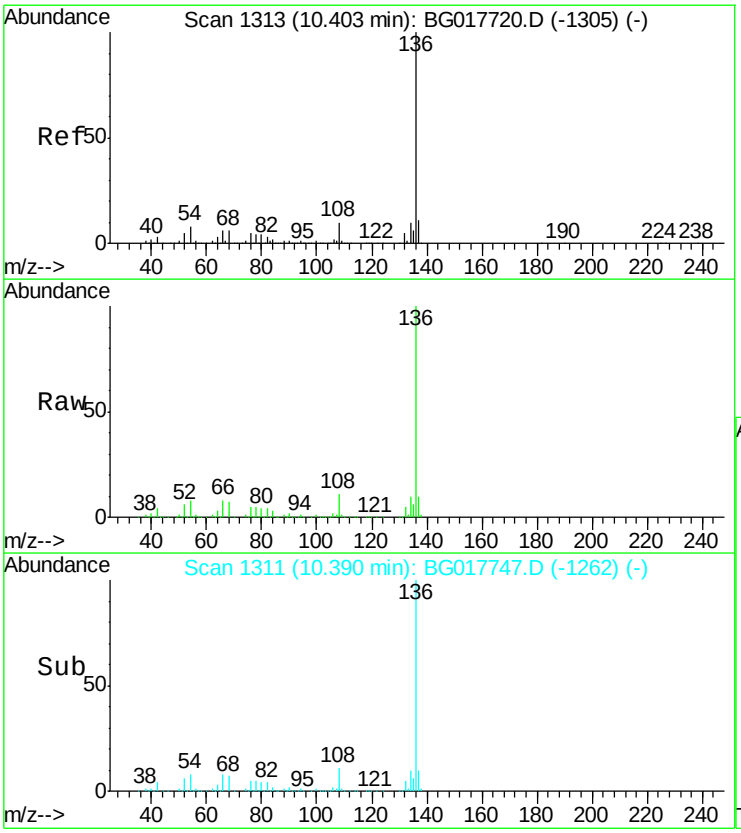
#7
Phenol-d6
Concen: 115.53 ng
RT: 6.79 min Scan# 698
Delta R.T. -0.01 min
Lab File: BG017747.D
Acq: 22 Jun 2015 16:17

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion: 99 Resp: 688757

Ion	Ratio	Lower	Upper
99	100		
42	24.9	16.2	24.4#
71	40.4	29.5	44.3

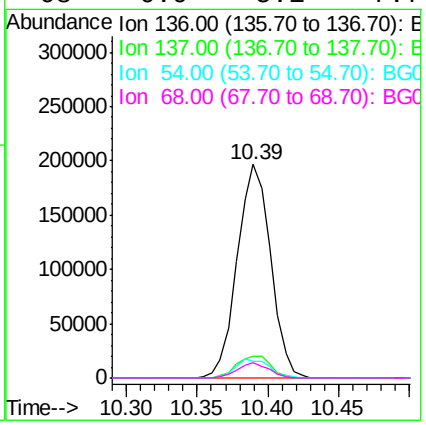


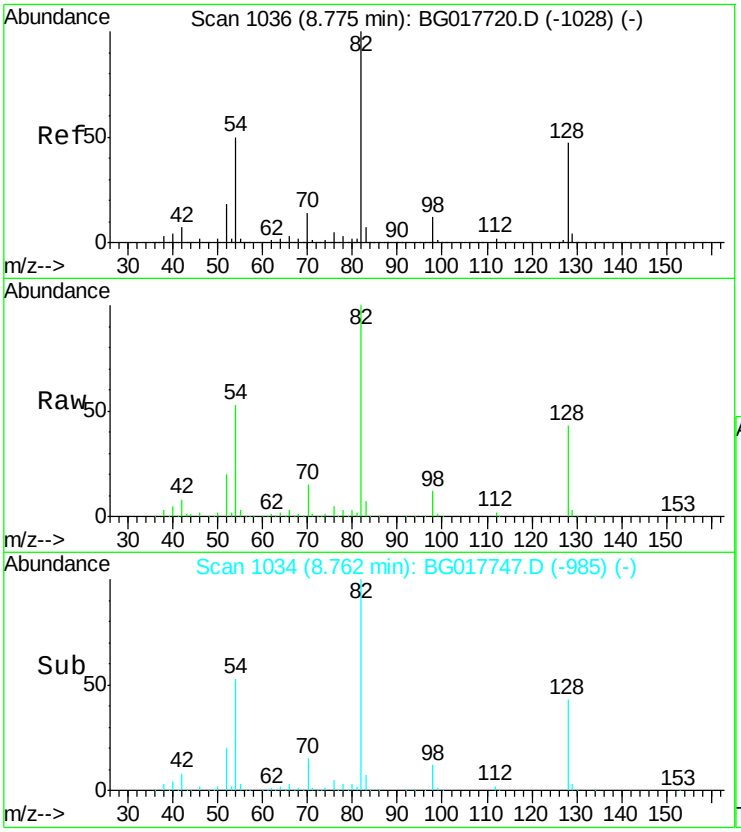


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.39 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BG017747.D
Acq: 22 Jun 2015 16:17

Tgt Ion:136 Resp: 325202

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	8.1	6.6	9.8
68	6.9	5.1	7.7



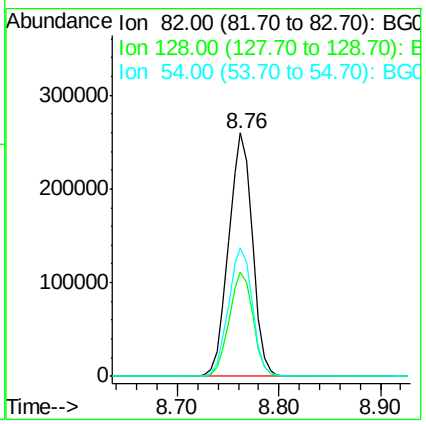


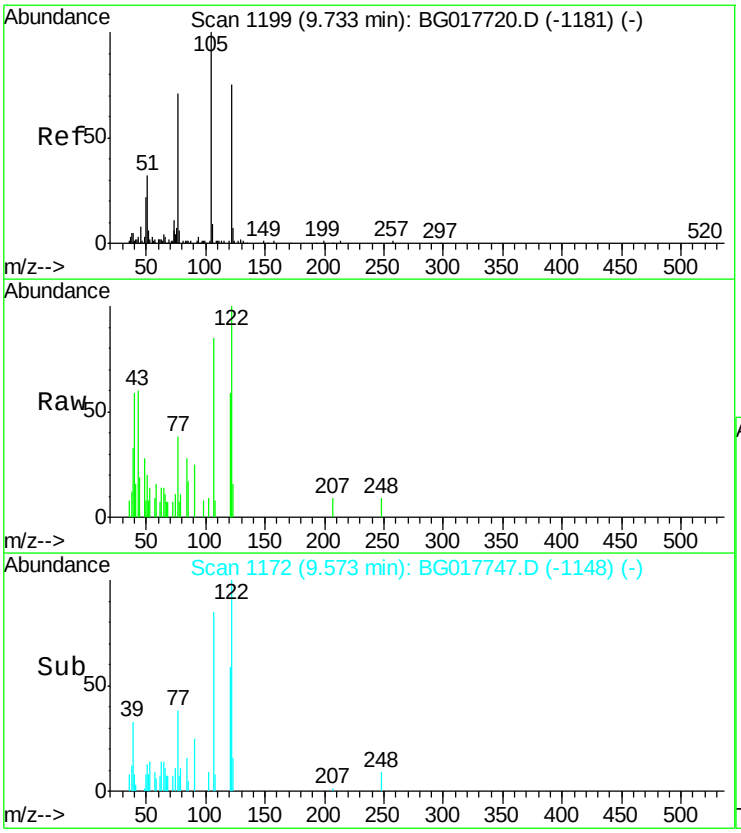
#23
Nitrobenzene-d5
Concen: 74.76 ng
RT: 8.76 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG017747.D
Acq: 22 Jun 2015 16:17

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion: 82 Resp: 422652

Ion	Ratio	Lower	Upper
82	100		
128	42.9	37.8	56.6
54	53.0	39.9	59.9

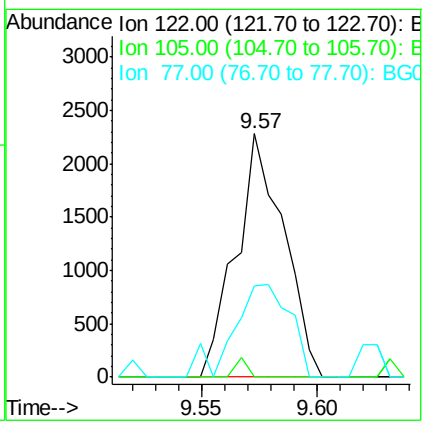


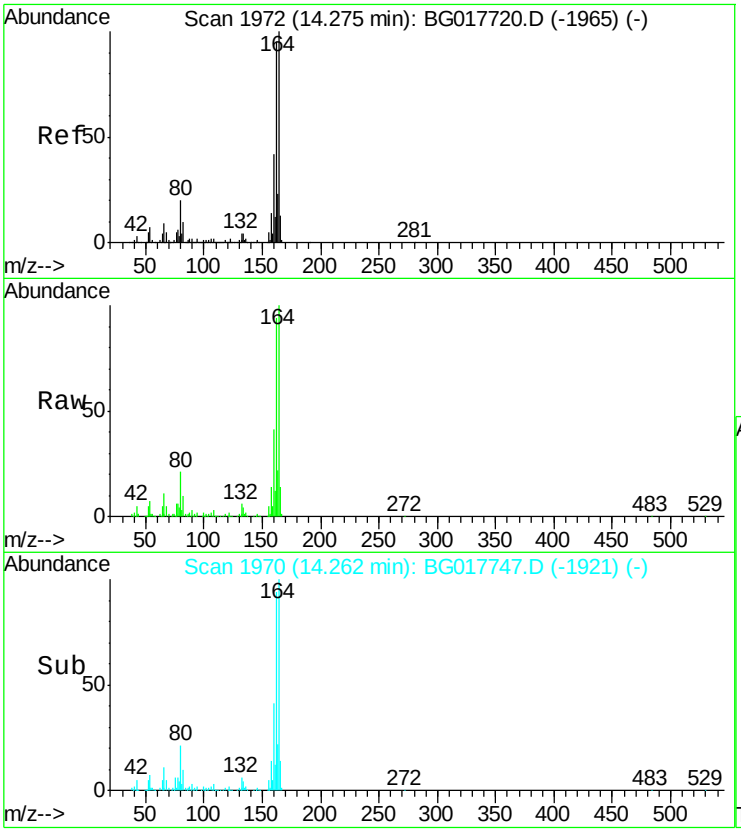


#32
Benzoic acid
Concen: 8.73 ng
RT: 9.57 min Scan# 1172
Delta R.T. -0.16 min
Lab File: BG017747.D
Acq: 22 Jun 2015 16:17

Tgt Ion:122 Resp: 3280

Ion	Ratio	Lower	Upper
122	100		
105	0.0	111.3	151.3#
77	37.6	75.2	115.2#



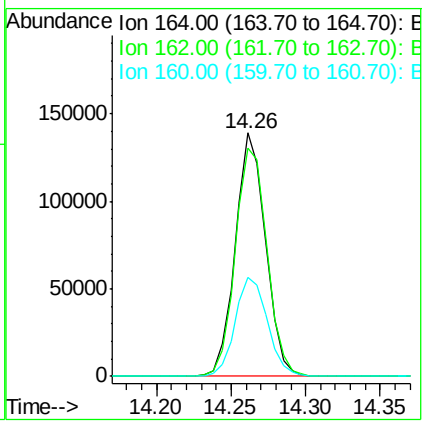


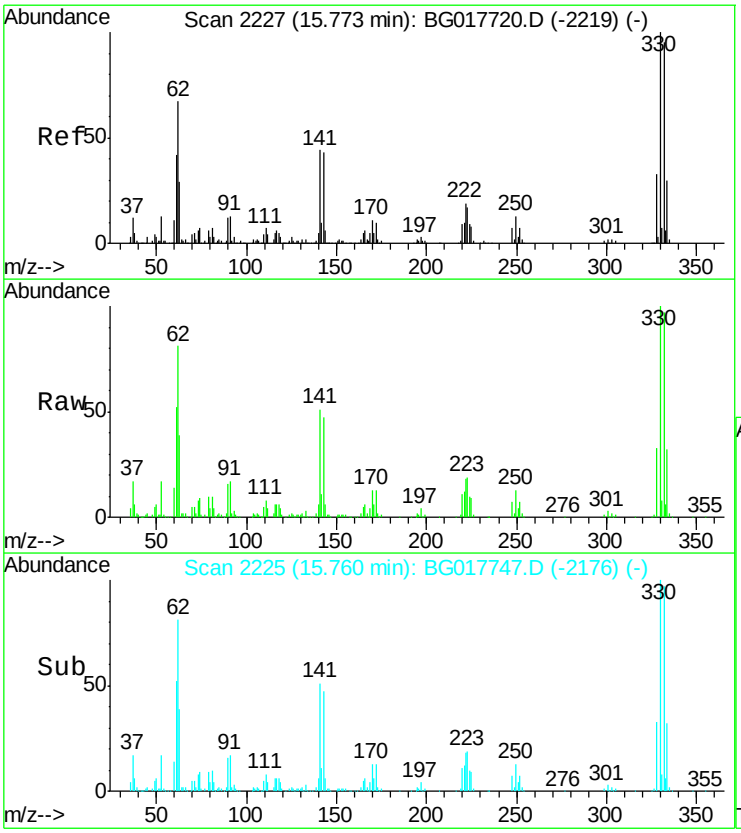
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.26 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG017747.D
Acq: 22 Jun 2015 16:17

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:164 Resp: 195018

Ion	Ratio	Lower	Upper
164	100		
162	93.8	76.3	114.5
160	40.5	33.7	50.5

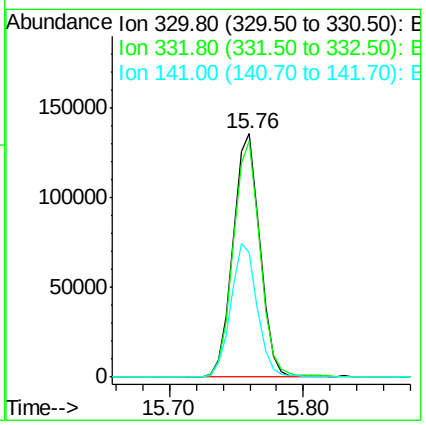


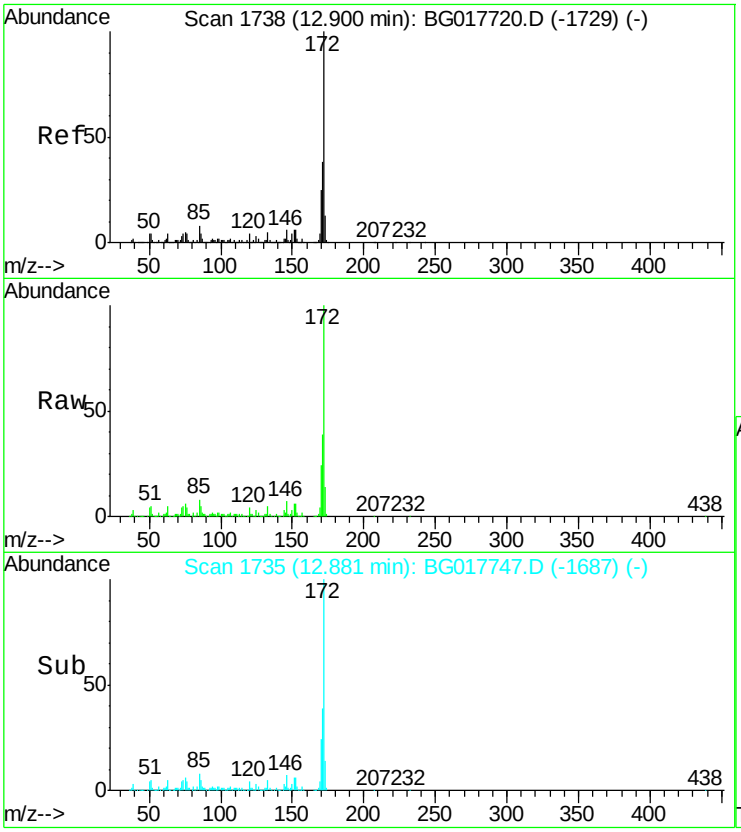


#41
2,4,6-Tribromophenol
Concen: 105.14 ng
RT: 15.76 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG017747.D
Acq: 22 Jun 2015 16:17

Tgt Ion:330 Resp: 190123

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.8	115.2
141	54.1	38.0	57.0



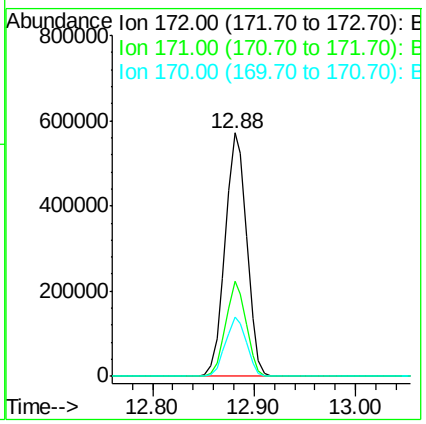


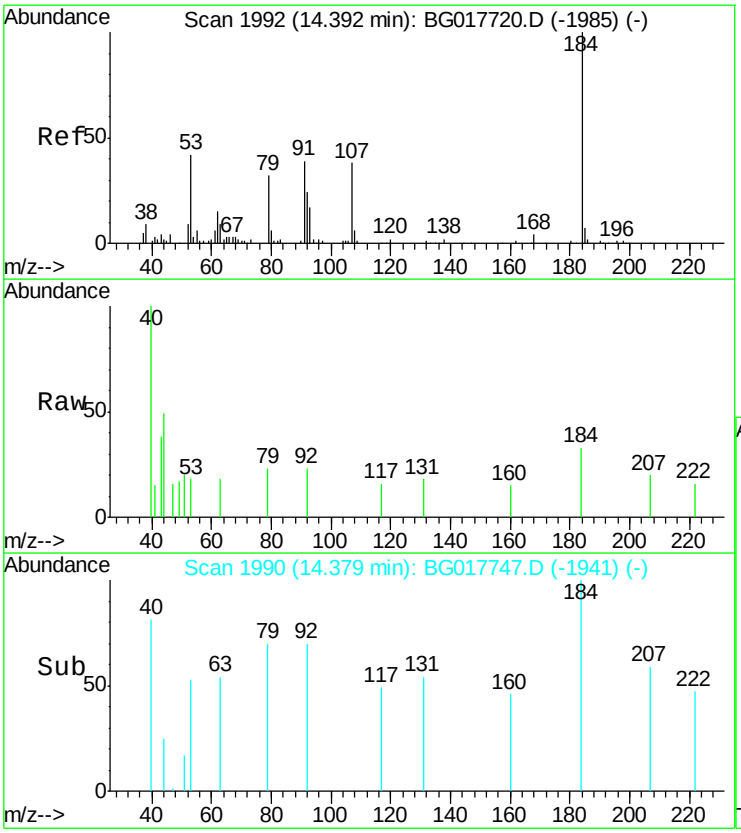
#44
2-Fluorobiphenyl
Concen: 70.38 ng
RT: 12.88 min Scan# 1735
Delta R.T. -0.02 min
Lab File: BG017747.D
Acq: 22 Jun 2015 16:17

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:172 Resp: 845072

Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.7	46.1
170	24.2	19.7	29.5

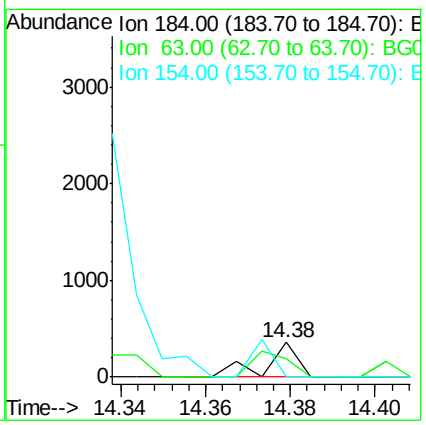


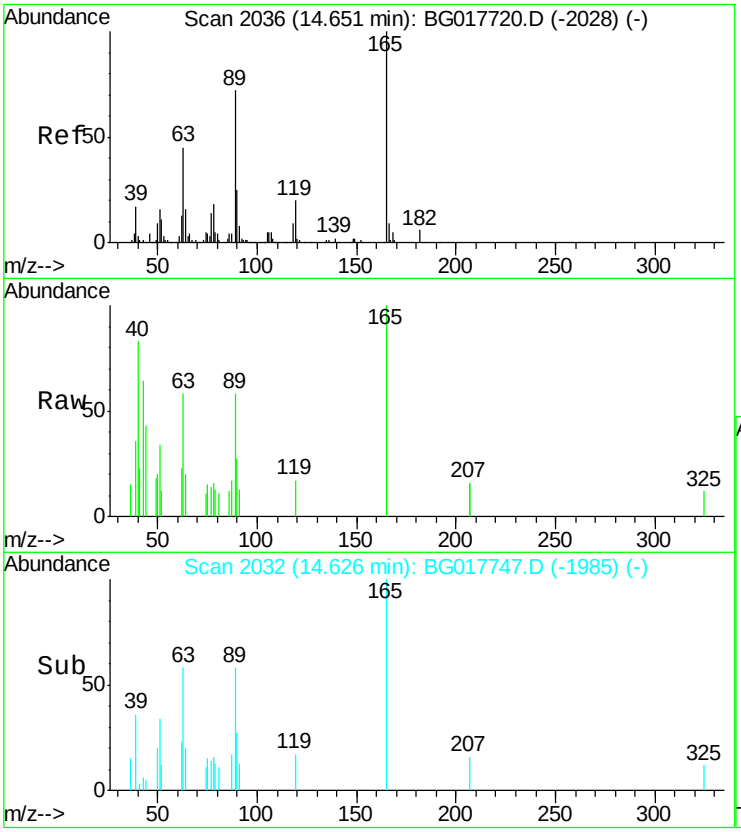


#53
2,4-Dinitrophenol
Concen: 7.31 ng
RT: 14.38 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG017747.D
Acq: 22 Jun 2015 16:17

Tgt Ion:184 Resp: 185

Ion	Ratio	Lower	Upper
184	100		
63	53.5	47.8	71.6
154	0.0	39.3	58.9#



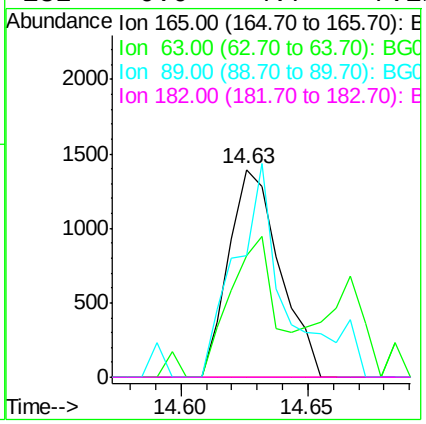


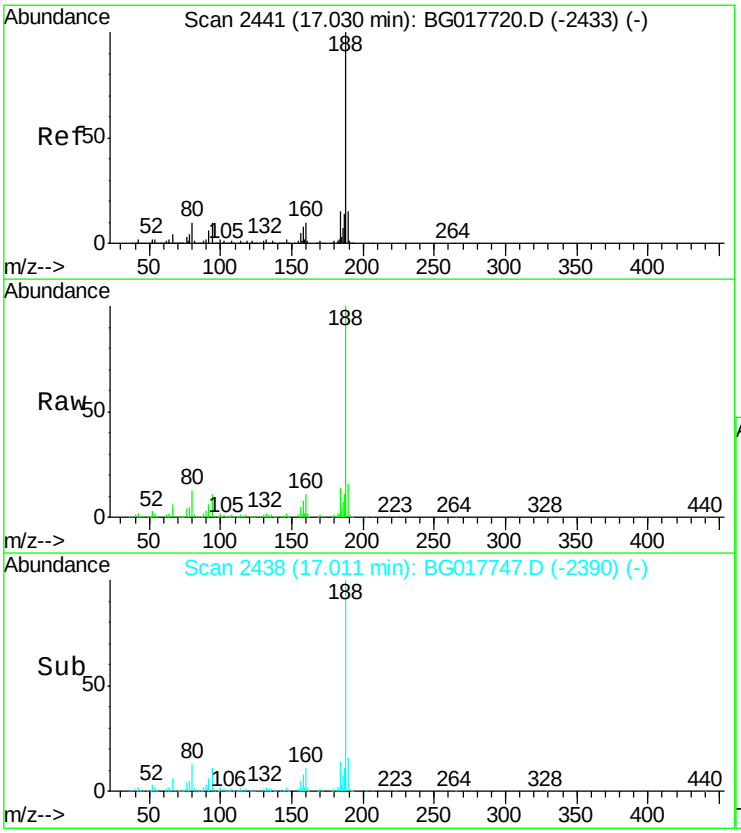
#56
2,4-Dinitrotoluene
Concen: 3.35 ng
RT: 14.63 min Scan# 2032
Delta R.T. -0.02 min
Lab File: BG017747.D
Acq: 22 Jun 2015 16:17

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:165 Resp: 1962

Ion	Ratio	Lower	Upper
165	100		
63	58.5	36.2	54.4#
89	58.4	57.9	86.9
182	0.0	4.7	7.1#

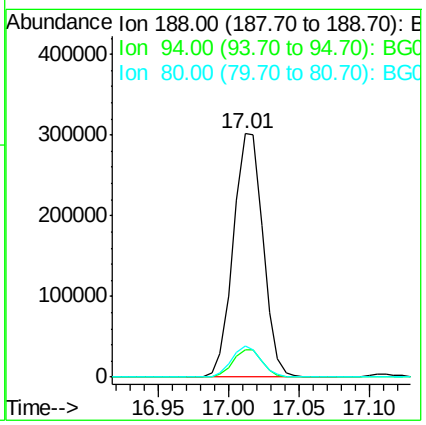


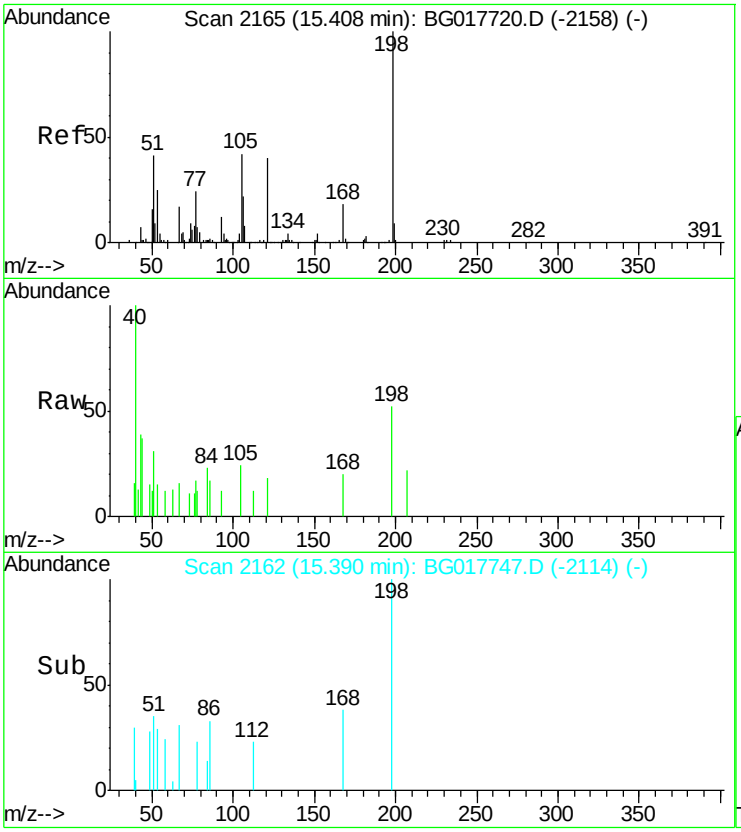


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.01 min Scan# 2438
Delta R.T. -0.02 min
Lab File: BG017747.D
Acq: 22 Jun 2015 16:17

Tgt Ion:188 Resp: 442569

Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.2	12.2
80	12.8	8.2	12.4#



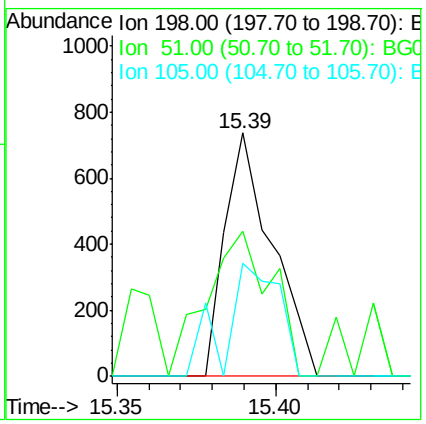


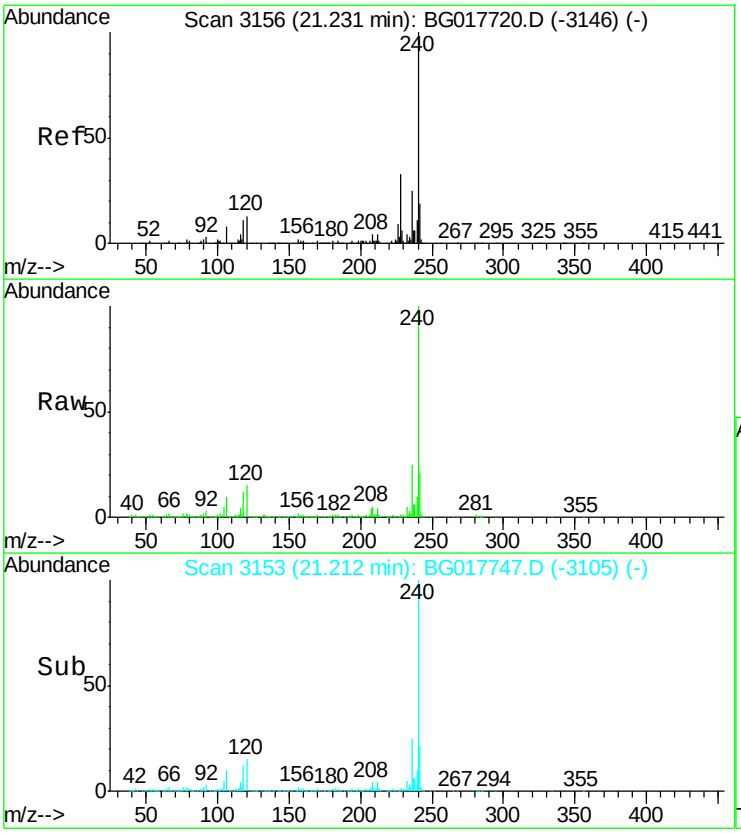
#64
4,6-Dinitro-2-methylphenol
Concen: 7.45 ng
RT: 15.39 min Scan# 2162
Delta R.T. -0.02 min
Lab File: BG017747.D
Acq: 22 Jun 2015 16:17

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:198 Resp: 760

Ion	Ratio	Lower	Upper
198	100		
51	59.4	27.0	67.0
105	46.4	23.3	63.3

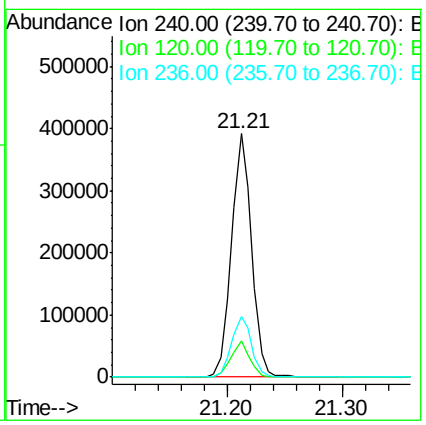


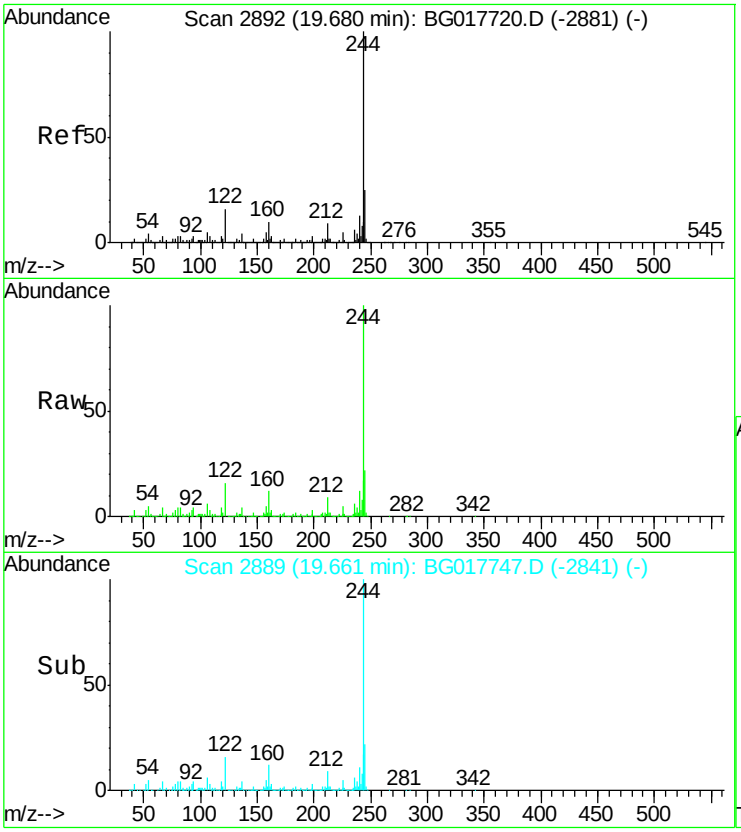


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.21 min Scan# 3153
Delta R.T. -0.02 min
Lab File: BG017747.D
Acq: 22 Jun 2015 16:17

Tgt Ion:240 Resp: 471383

Ion	Ratio	Lower	Upper
240	100		
120	14.9	10.8	16.2
236	24.8	20.0	30.0



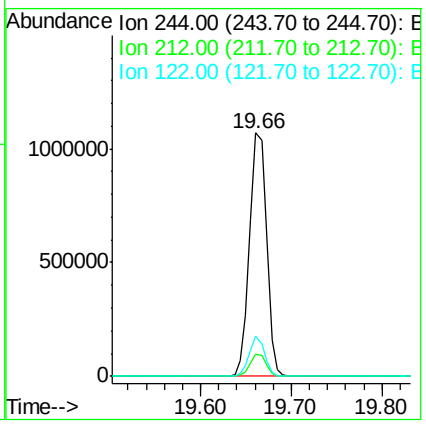


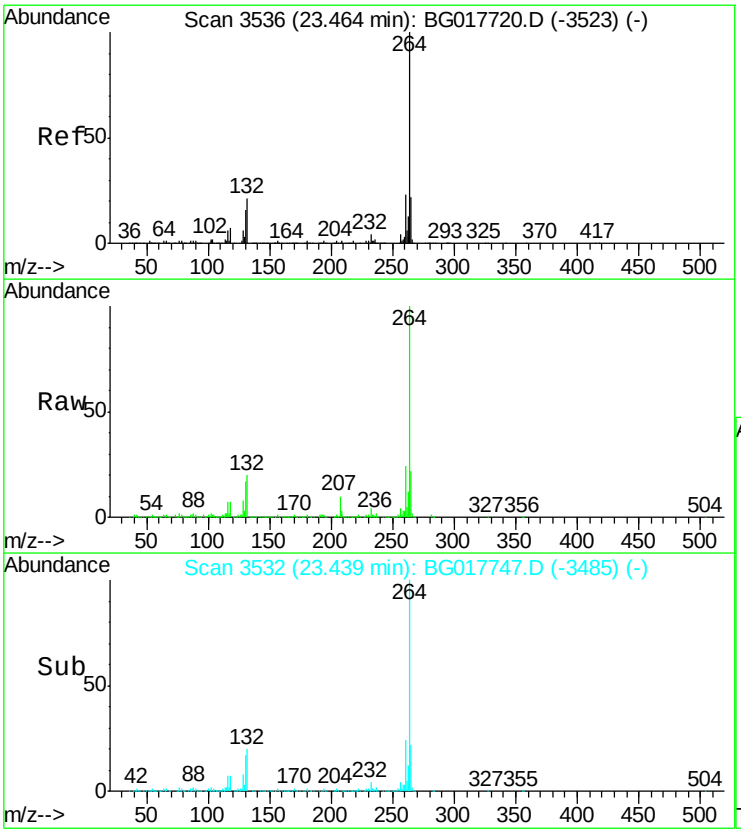
#78
Terphenyl-d14
Concen: 67.16 ng
RT: 19.66 min Scan# 2889
Delta R.T. -0.02 min
Lab File: BG017747.D
Acq: 22 Jun 2015 16:17

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:244 Resp: 1393335

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.2	10.8
122	16.3	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: BG017747.D
Acq: 22 Jun 2015 16:17

Tgt Ion:264 Resp: 434124

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	21.8	18.2	27.2