Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020863.D
Acq On : 11 Feb 2016 19:28
Operator : SJ/UM
Sample : G4825-03
Misc : LOD 2PPM
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOD-SOIL2016-01

Quant Time: Feb 12 05:01:29 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 11 15:26:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	20366	20.00	ng		0.00
21) Naphthalene-d8	11.09	136	100353	20.00	ng		0.00
38) Acenaphthene-d10	14.88	164	63619	20.00	ng		0.00
63) Phenanthrene-d10	17.62	188	133781	20.00	ng		0.00
75) Chrysene-d12	21.90	240	125559	20.00	ng		0.00
86) Perylene-d12	25.28	264	116990	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	164529	136.05	ng		0.00
7) Phenol-d6	7.41	99	229465	129.82	ng		0.00
23) Nitrobenzene-d5	9.44	82	126768	83.06	ng		0.00
41) 2,4,6-Tribromophenol	16.36	330	83253	133.07	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	357682	78.98	ng		0.00
78) Terphenyl-d14	20.20	244	466428	86.66	ng		0.00
Target Compounds							Qvalue
3) Pyridine	4.06	79	1567	1.20	ng		92
4) n-Nitrosodimethylamine	3.96	42	286	0.84	ng	#	93
26) 2-Nitrophenol	10.19	139	995	1.19	ng	#	81
35) Caprolactam	11.98	113	709	1.29	ng	#	89
40) Hexachlorocyclopentadiene	13.06	237	496	0.60	ng	#	28
64) 4,6-Dinitro-2-methylphenol	15.99	198	186	5.76	ng	#	16
69) Pentachlorophenol	17.26	266	511	0.59	ng	#	83

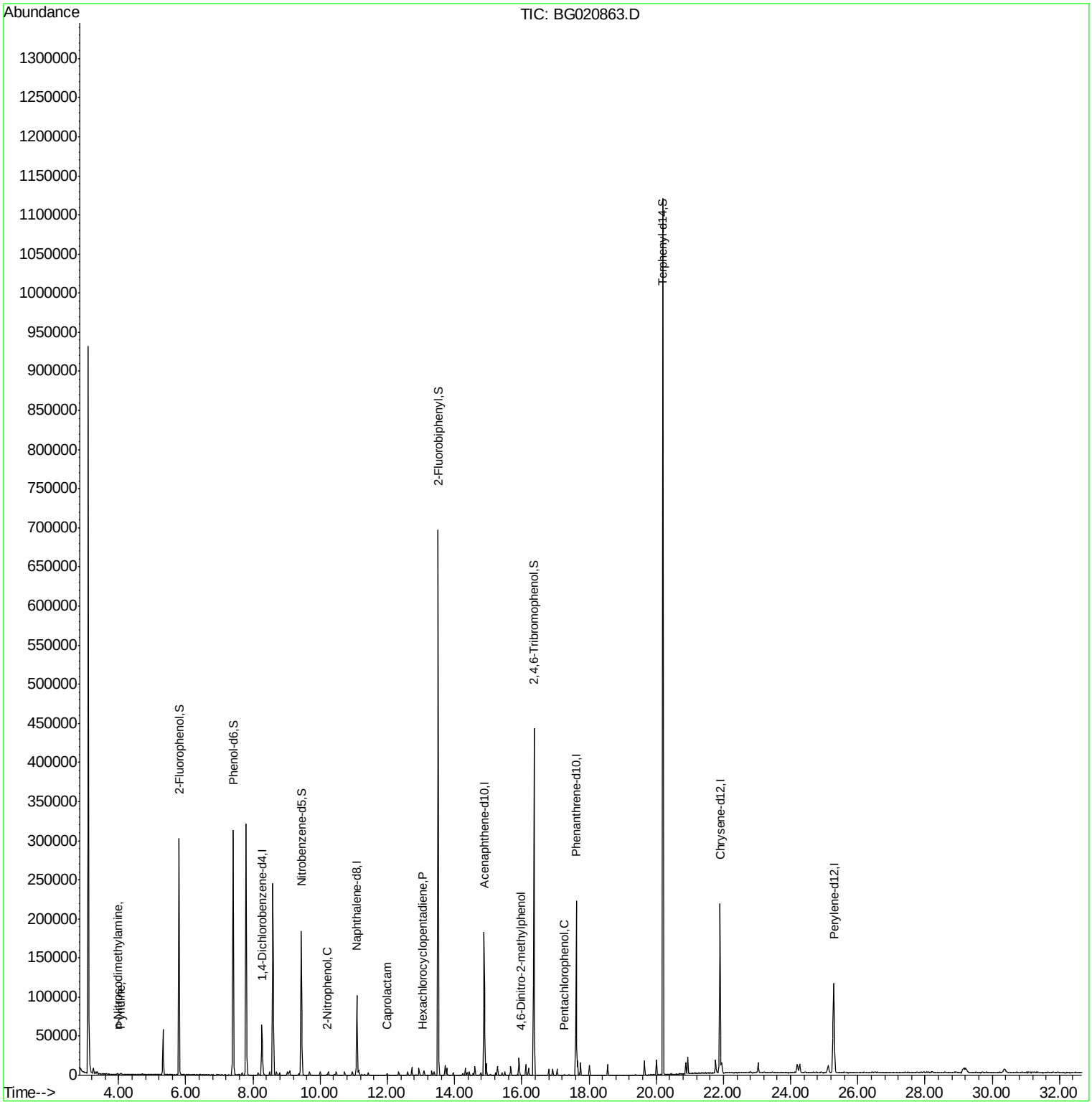
(#) = qualifier out of range (m) = manual integration (+) = signals summed

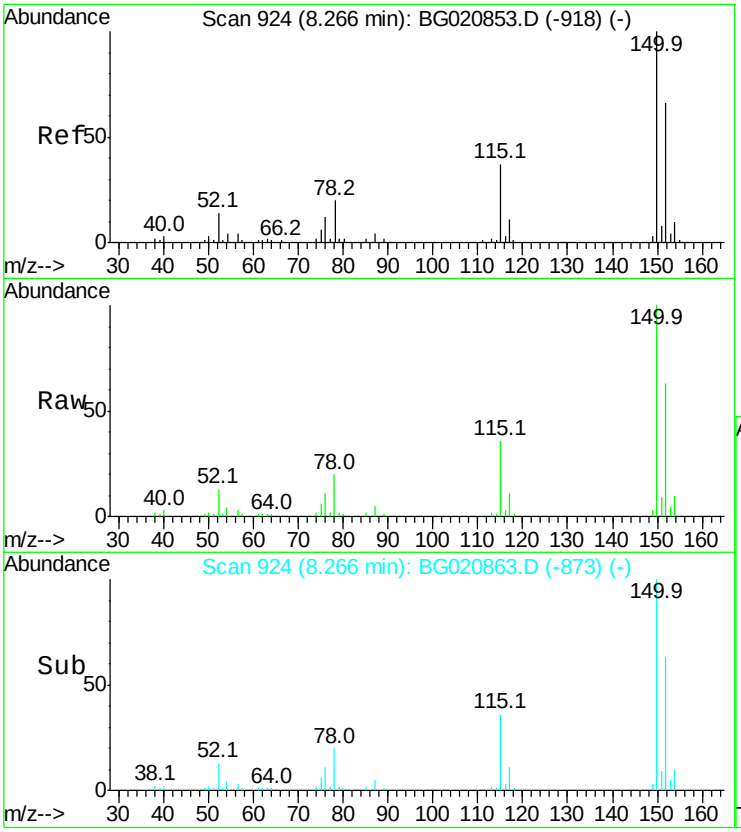
Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020863.D
Acq On : 11 Feb 2016 19:28
Operator : SJ/UM
Sample : G4825-03
Misc : LOD 2PPM
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

Quant Time: Feb 12 05:01:29 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 11 15:26:53 2016
Response via : Initial Calibration



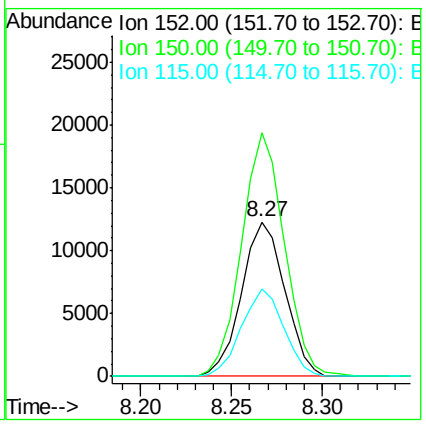


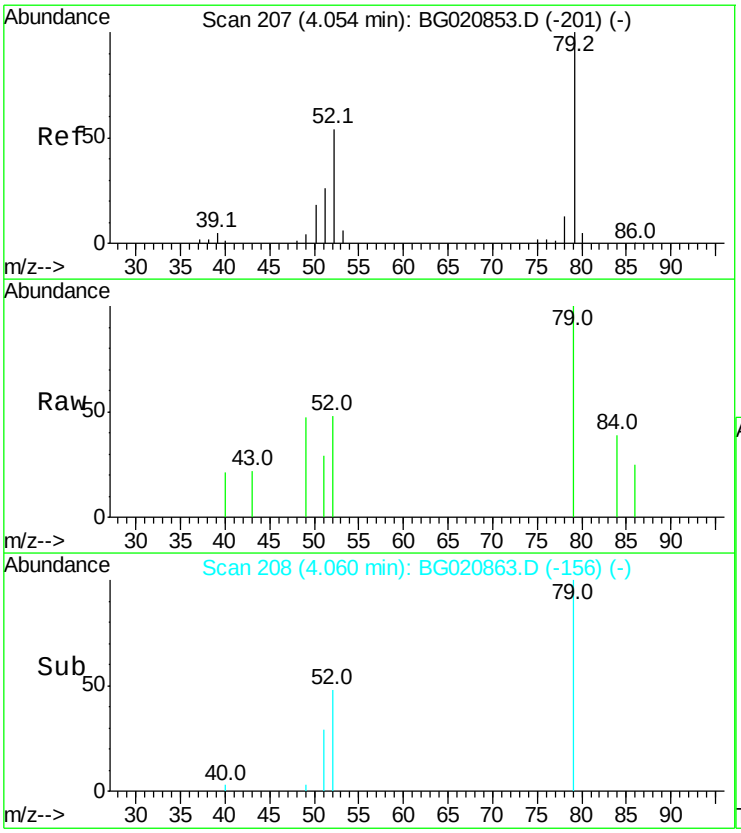
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. 0.00 min
Lab File: BG020863.D
Acq: 11 Feb 2016 19:28

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

Tgt Ion:152 Resp: 20366

Ion	Ratio	Lower	Upper
152	100		
150	157.5	122.0	183.0
115	56.7	45.2	67.8

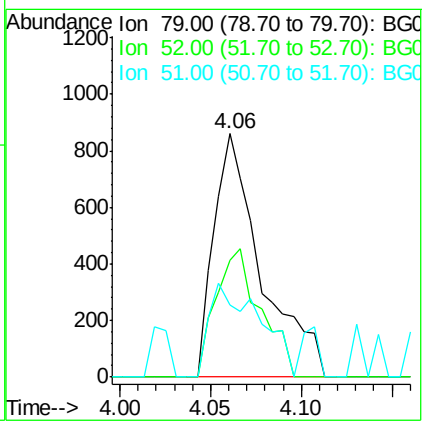


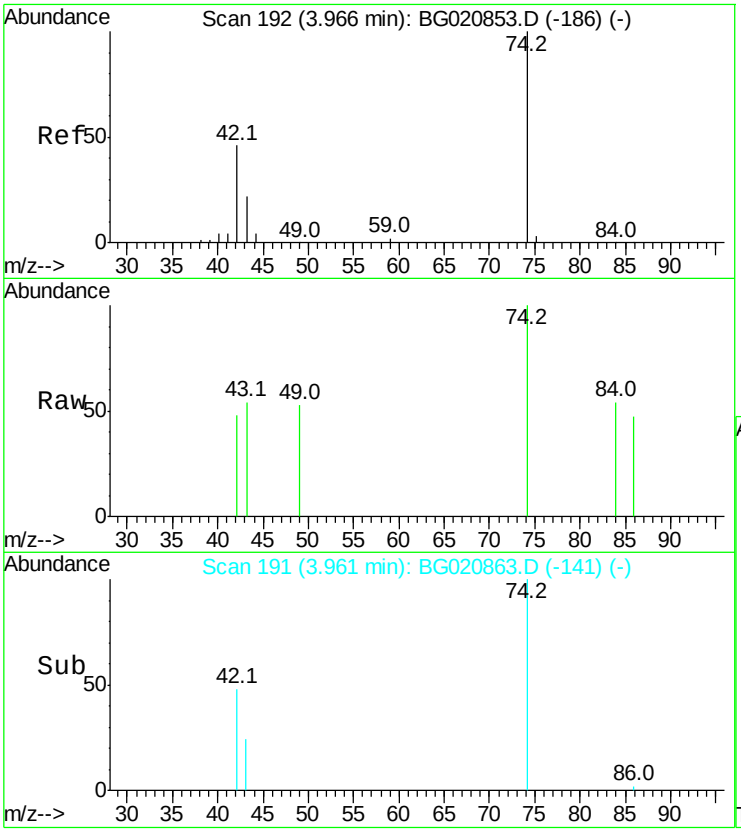


#3
Pyridine
Concen: 1.20 ng
RT: 4.06 min Scan# 208
Delta R.T. 0.01 min
Lab File: BG020863.D
Acq: 11 Feb 2016 19:28

Tgt Ion: 79 Resp: 1567

Ion	Ratio	Lower	Upper
79	100		
52	48.0	43.1	64.7
51	29.4	20.7	31.1

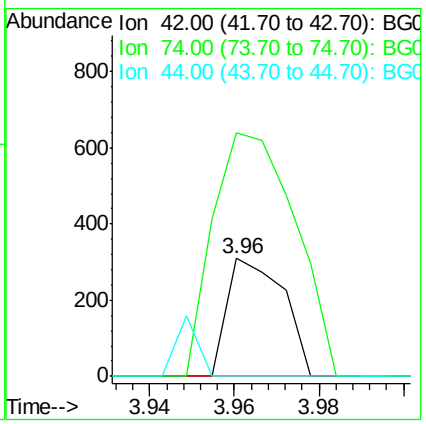




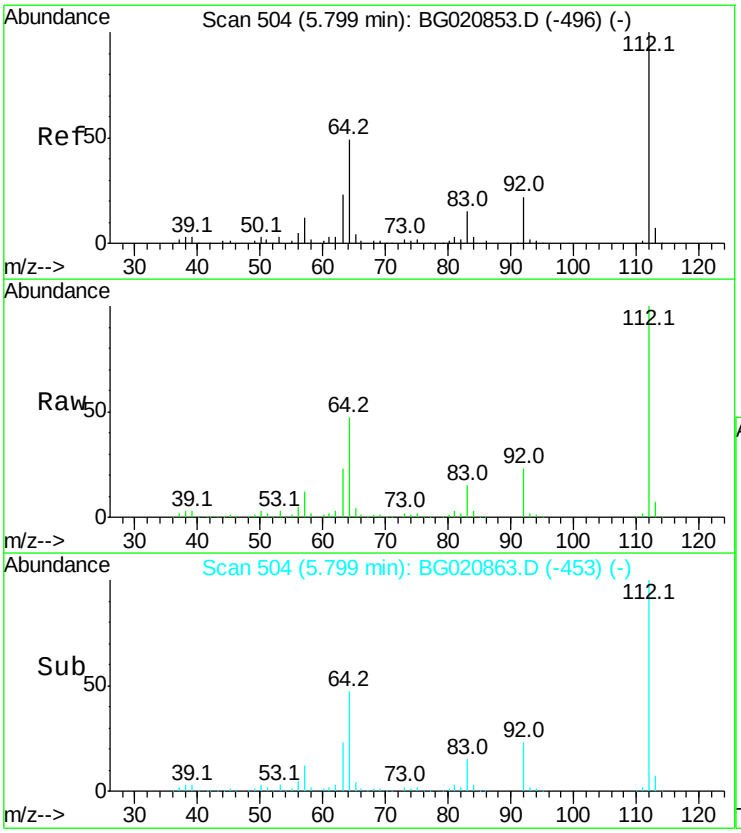
#4
n-Nitrosodimethylamine
Concen: 0.84 ng
RT: 3.96 min Scan# 191
Delta R.T. -0.01 min
Lab File: BG020863.D
Acq: 11 Feb 2016 19:28

Tgt Ion: 42 Resp: 286

Ion	Ratio	Lower	Upper
42	100		
74	206.8	173.8	260.6
44	0.0	6.3	9.5#



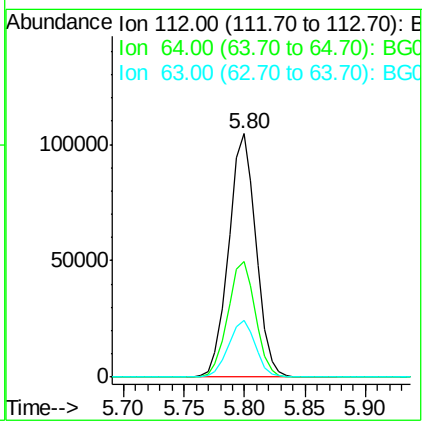
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

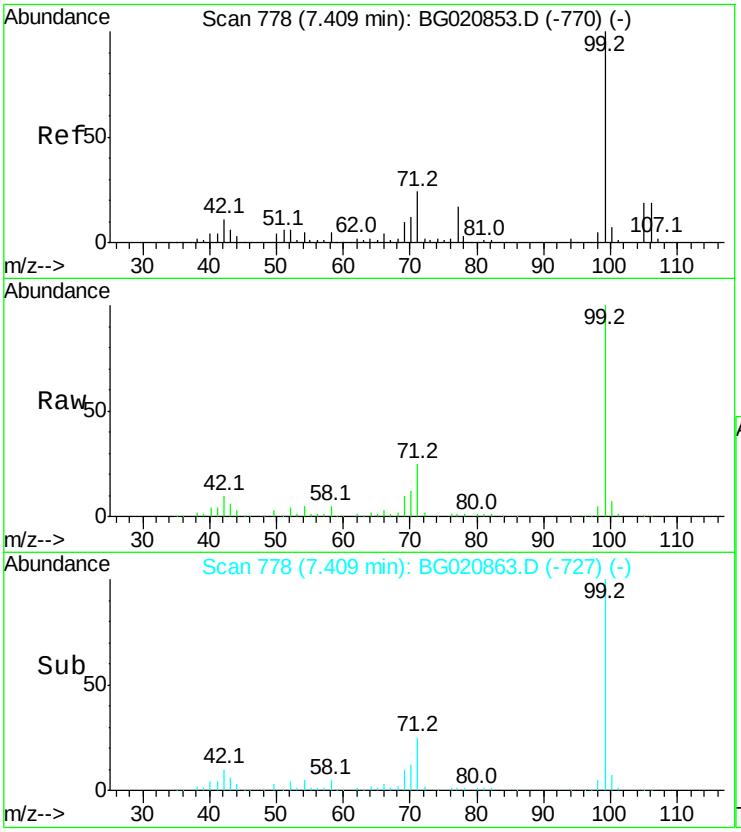


#5
2-Fluorophenol
Concen: 136.05 ng
RT: 5.80 min Scan# 504
Delta R.T. 0.00 min
Lab File: BG020863.D
Acq: 11 Feb 2016 19:28

Tgt Ion:112 Resp: 164529

Ion	Ratio	Lower	Upper
112	100		
64	47.2	39.3	58.9
63	23.1	18.2	27.4



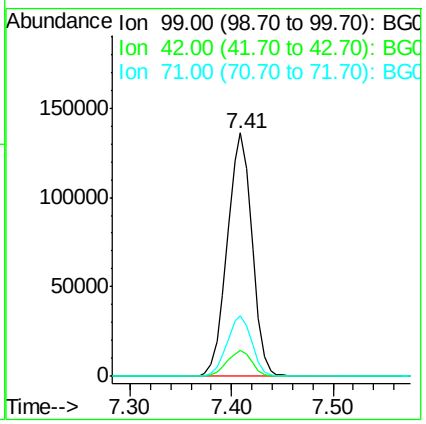


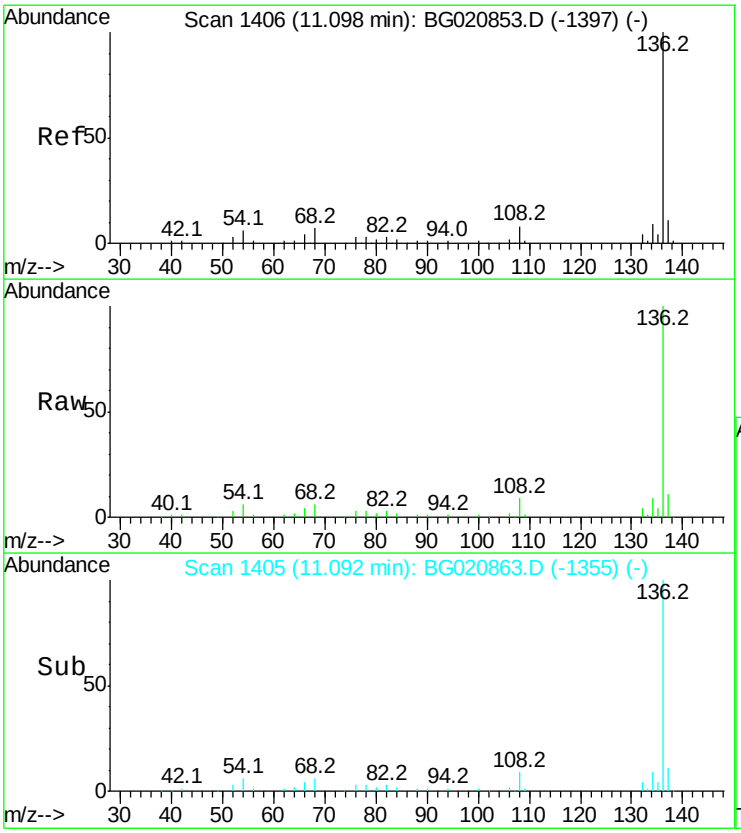
#7
Phenol-d6
Concen: 129.82 ng
RT: 7.41 min Scan# 778
Delta R.T. 0.00 min
Lab File: BG020863.D
Acq: 11 Feb 2016 19:28

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

Tgt Ion: 99 Resp: 229465

Ion	Ratio	Lower	Upper
99	100		
42	10.5	8.4	12.6
71	25.1	19.4	29.0

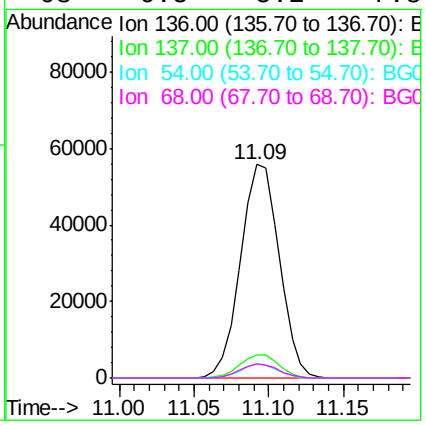


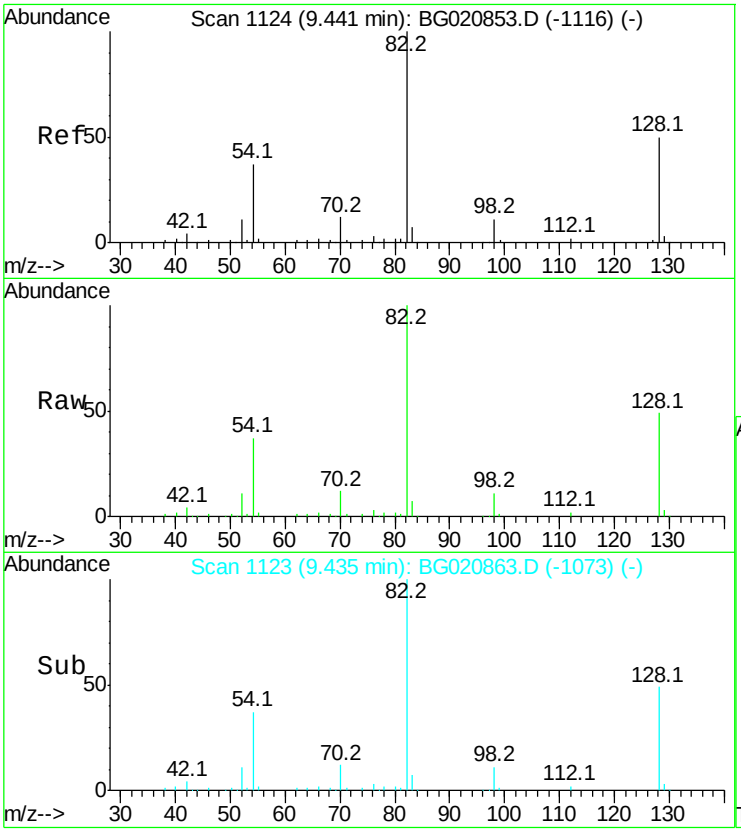


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG020863.D
Acq: 11 Feb 2016 19:28

Tgt Ion:136 Resp: 100353

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	6.3	5.0	7.4
68	6.5	5.2	7.8



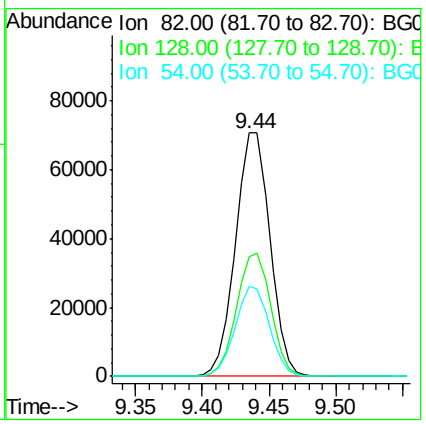


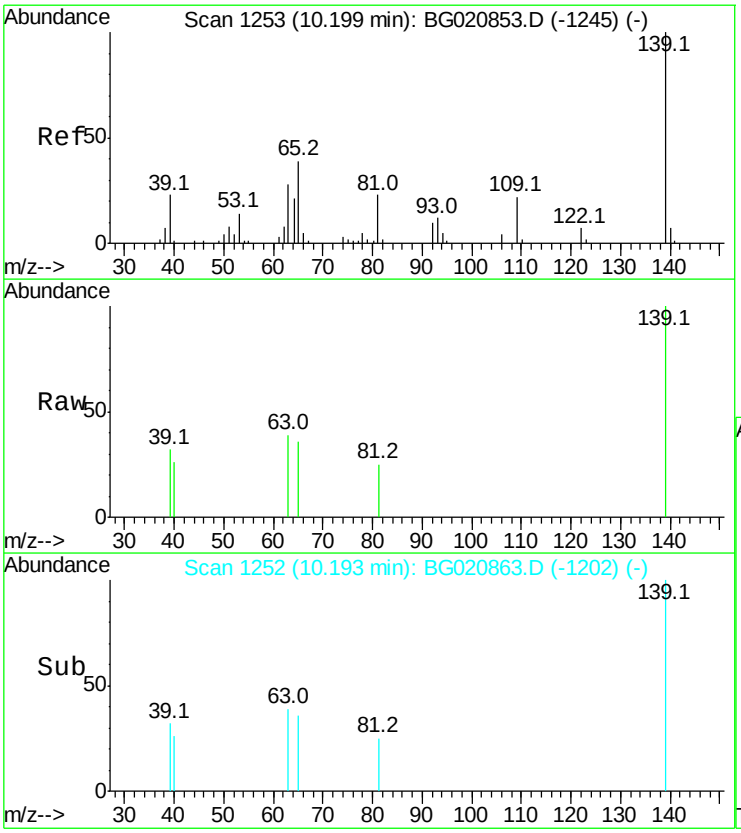
#23
Nitrobenzene-d5
Concen: 83.06 ng
RT: 9.44 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BG020863.D
Acq: 11 Feb 2016 19:28

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

Tgt Ion: 82 Resp: 126768

Ion	Ratio	Lower	Upper
82	100		
128	49.0	40.1	60.1
54	36.9	29.5	44.3

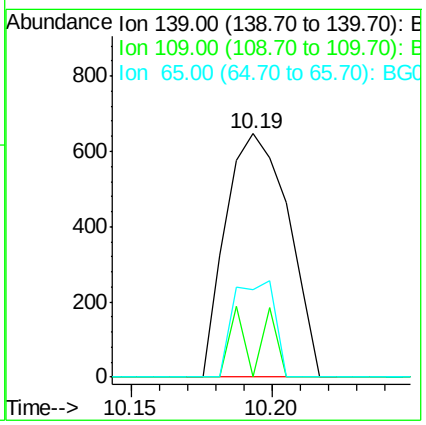


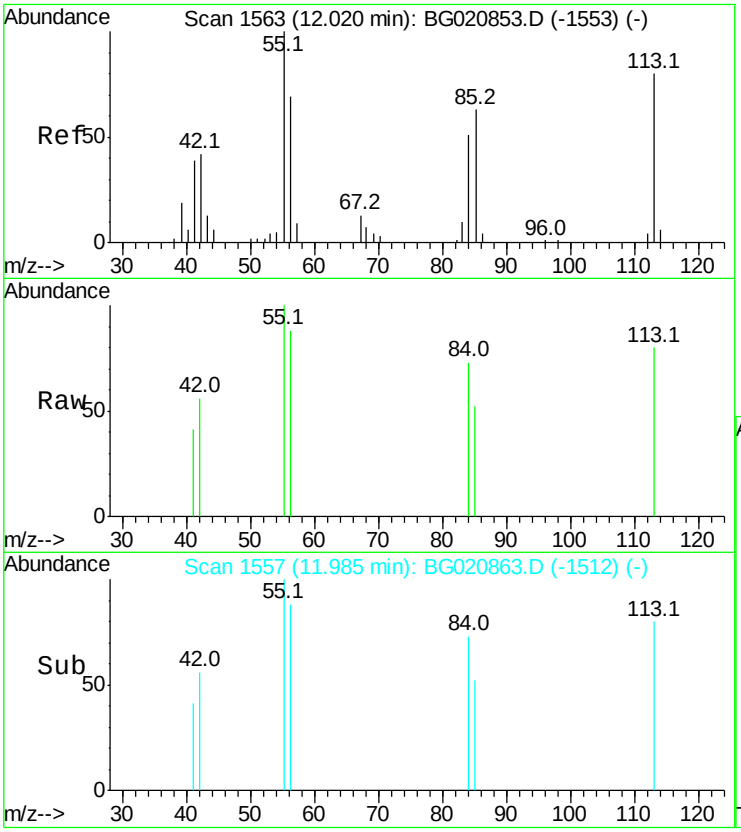


#26
2-Nitrophenol
Concen: 1.19 ng
RT: 10.19 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BG020863.D
Acq: 11 Feb 2016 19:28

Tgt Ion:139 Resp: 995

Ion	Ratio	Lower	Upper
139	100		
109	0.0	17.6	26.4#
65	36.2	31.0	46.6



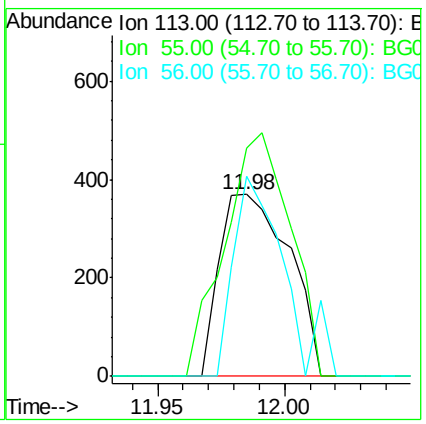


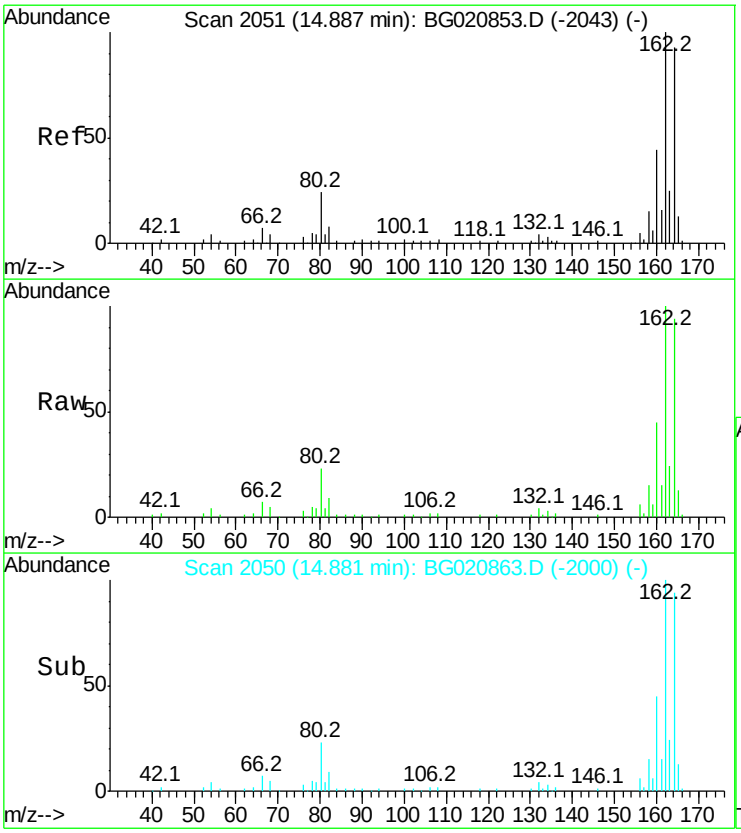
#35
Caprolactam
Concen: 1.29 ng
RT: 11.98 min Scan# 1557
Delta R.T. -0.04 min
Lab File: BG020863.D
Acq: 11 Feb 2016 19:28

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

Tgt Ion:113 Resp: 709

Ion	Ratio	Lower	Upper
113	100		
55	125.4	104.4	144.4
56	110.0	65.4	105.4#

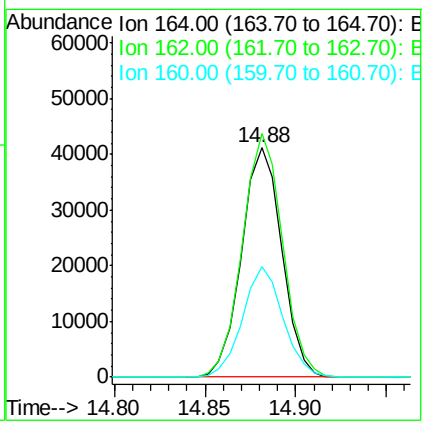


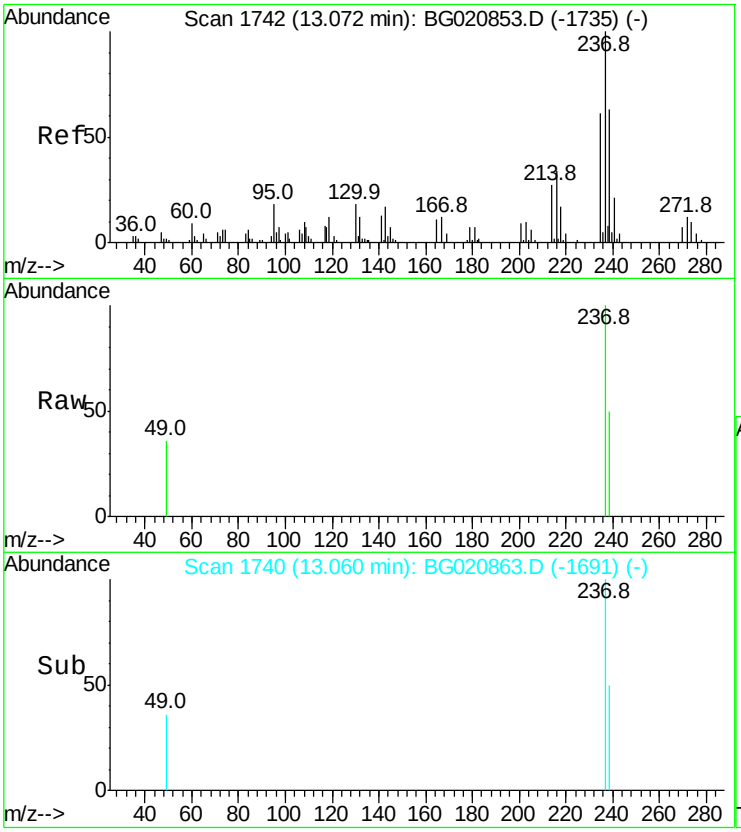


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG020863.D
Acq: 11 Feb 2016 19:28

Tgt Ion:164 Resp: 63619

Ion	Ratio	Lower	Upper
164	100		
162	106.3	85.7	128.5
160	48.2	37.4	56.0



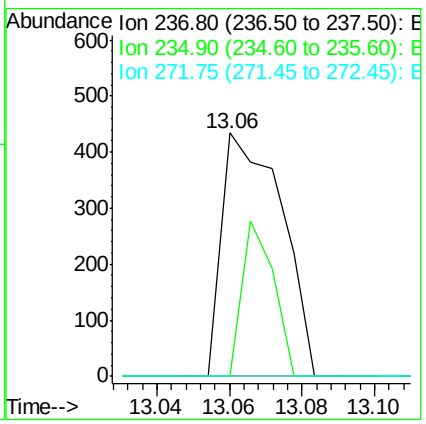


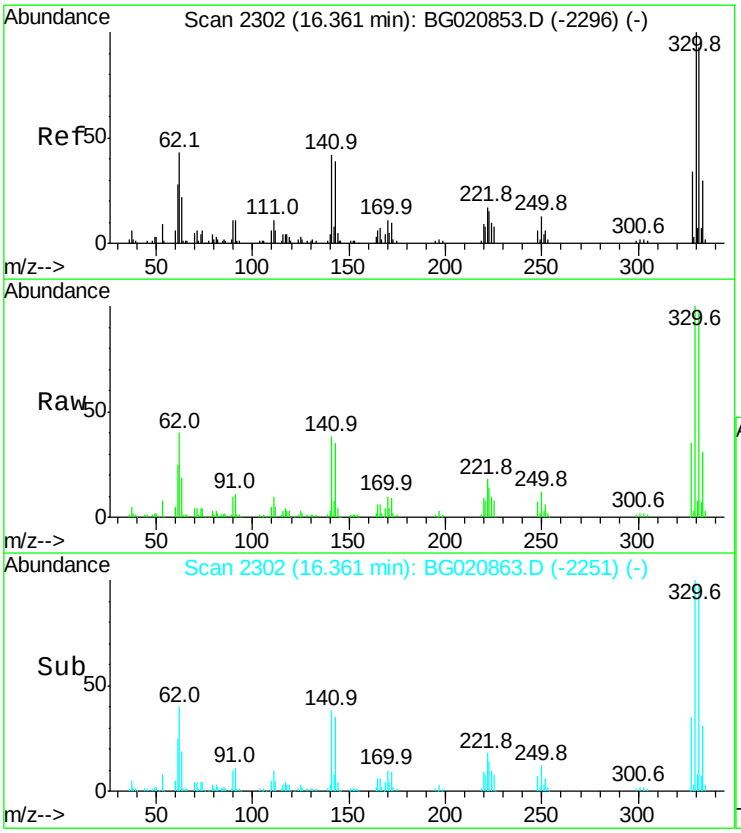
#40
Hexachlorocyclopentadiene
Concen: 0.60 ng
RT: 13.06 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG020863.D
Acq: 11 Feb 2016 19:28

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

Tgt Ion:237 Resp: 496

Ion	Ratio	Lower	Upper
237	100		
235	0.0	40.8	80.8#
272	0.0	0.0	32.3

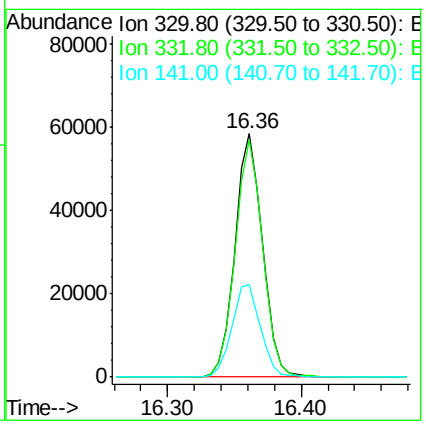


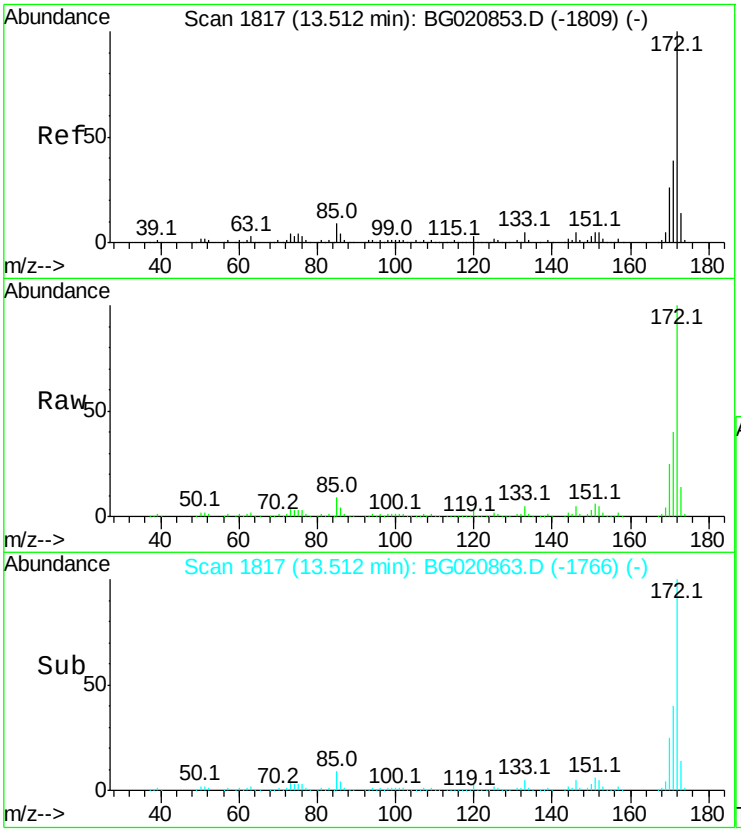


#41
2,4,6-Tribromophenol
Concen: 133.07 ng
RT: 16.36 min Scan# 2302
Delta R.T. 0.00 min
Lab File: BG020863.D
Acq: 11 Feb 2016 19:28

Tgt Ion:330 Resp: 83253

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.1	114.1
141	39.9	32.0	48.0



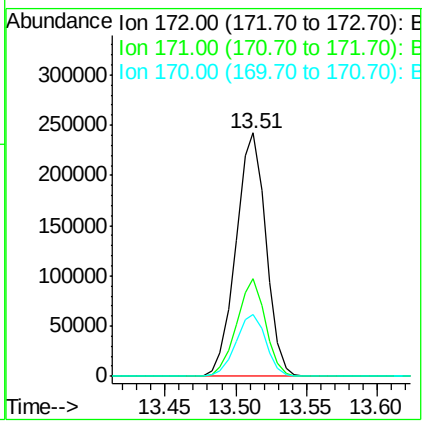


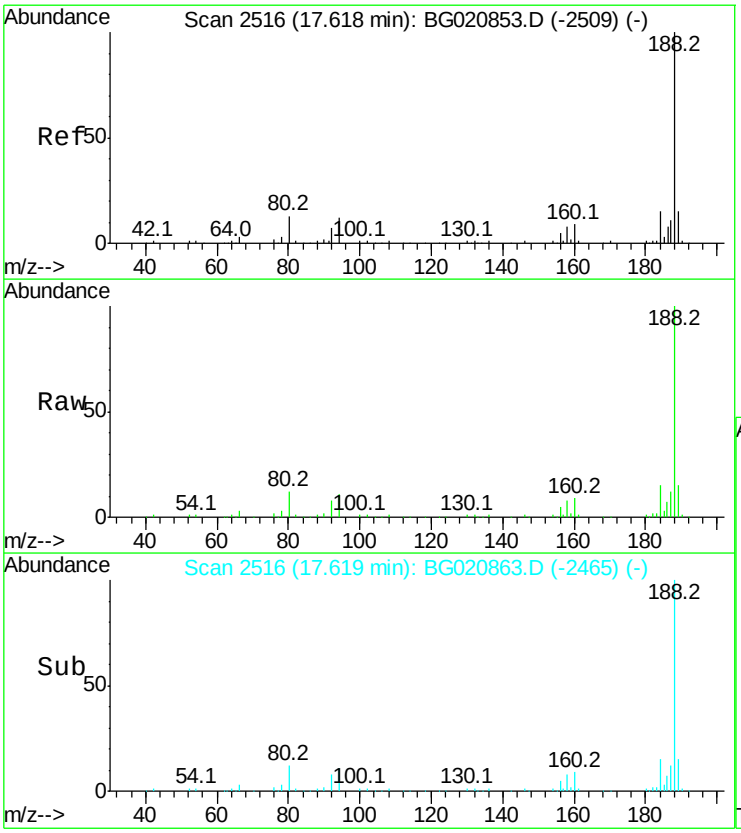
#44
2-Fluorobiphenyl
Concen: 78.98 ng
RT: 13.51 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BG020863.D
Acq: 11 Feb 2016 19:28

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

Tgt Ion:172 Resp: 357682

Ion	Ratio	Lower	Upper
172	100		
171	40.0	31.2	46.8
170	25.4	20.6	30.8

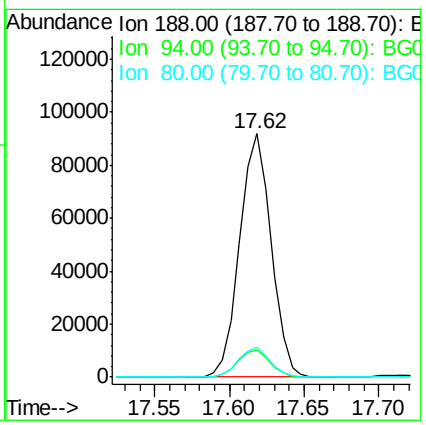


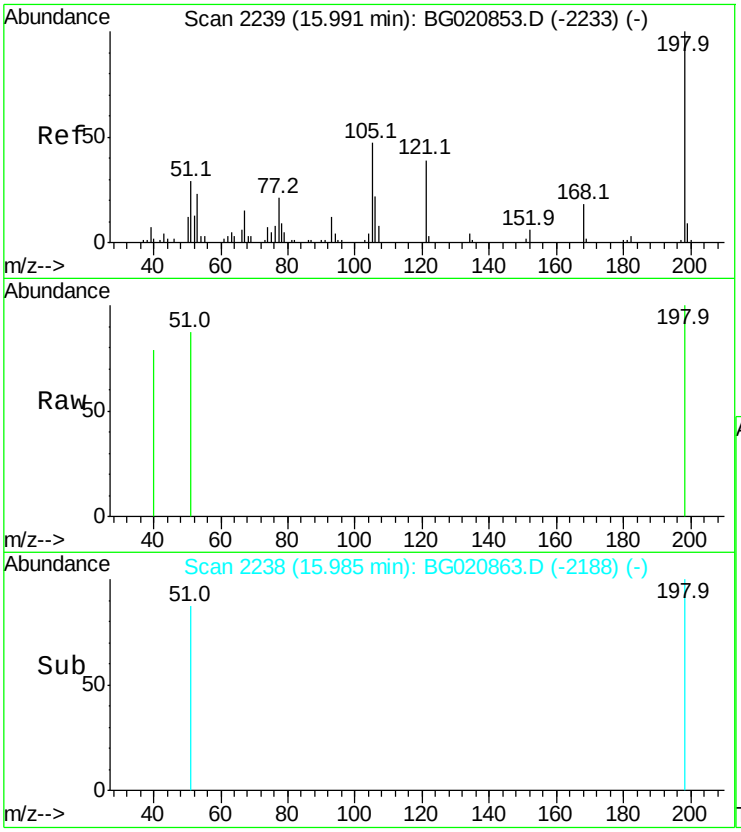


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.62 min Scan# 2516
Delta R.T. 0.00 min
Lab File: BG020863.D
Acq: 11 Feb 2016 19:28

Tgt Ion:188 Resp: 133781

Ion	Ratio	Lower	Upper
188	100		
94	11.4	9.4	14.0
80	12.1	10.2	15.4



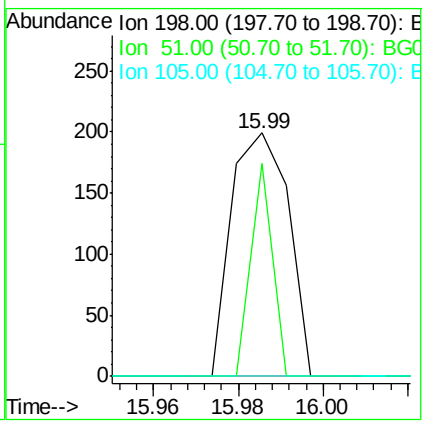


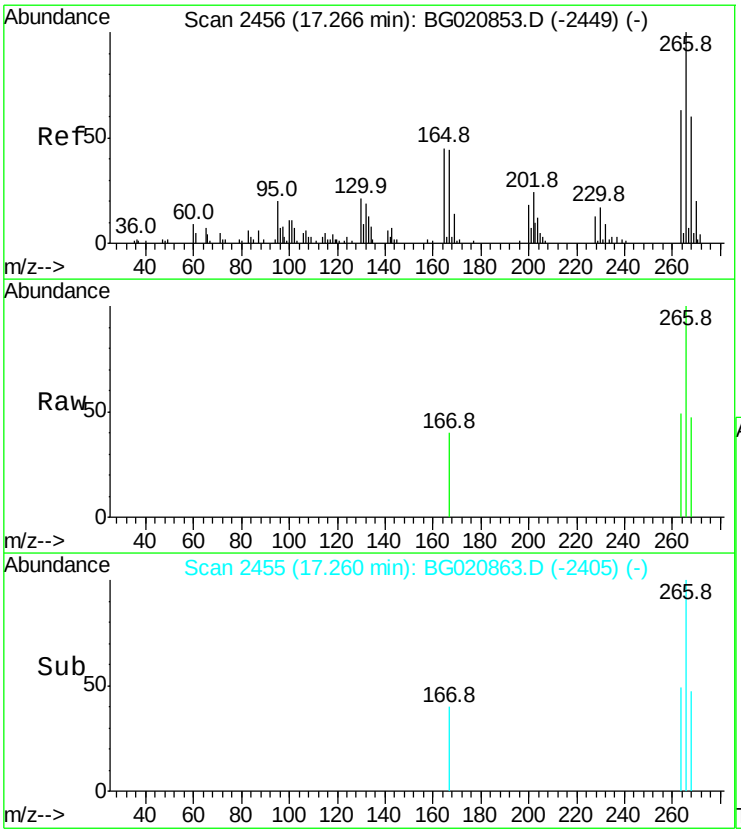
#64
4,6-Dinitro-2-methylphenol
Concen: 5.76 ng
RT: 15.99 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BG020863.D
Acq: 11 Feb 2016 19:28

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

Tgt Ion:198 Resp: 186

Ion	Ratio	Lower	Upper
198	100		
51	87.4	10.6	50.6#
105	0.0	27.0	67.0#

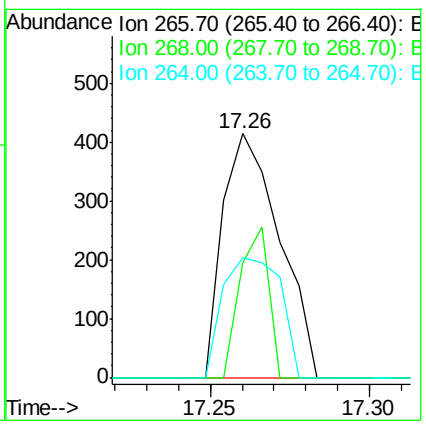


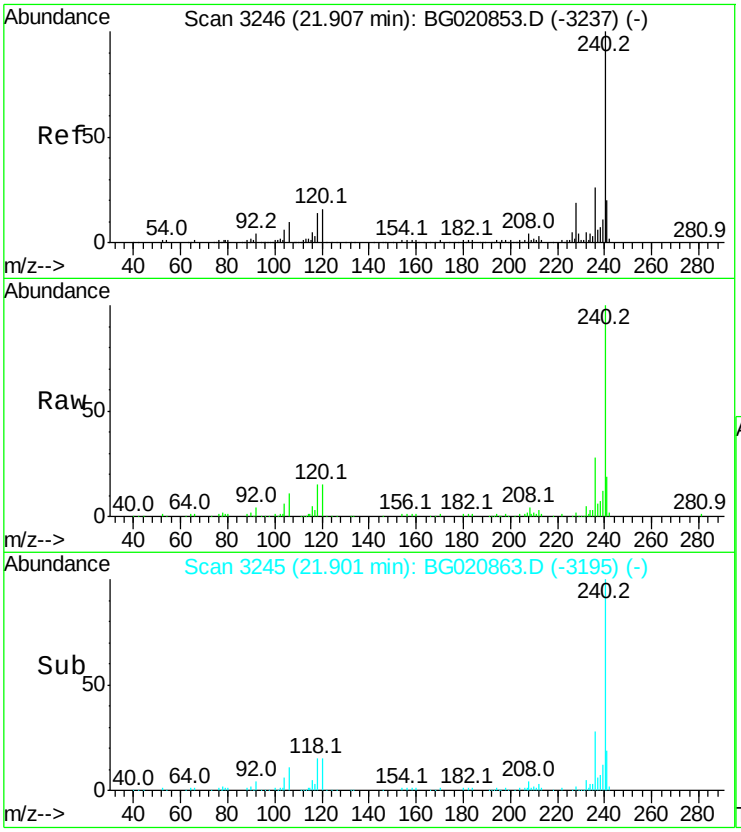


#69
Pentachlorophenol
Concen: 0.59 ng
RT: 17.26 min Scan# 2455
Delta R.T. -0.01 min
Lab File: BG020863.D
Acq: 11 Feb 2016 19:28

Tgt Ion:266 Resp: 511

Ion	Ratio	Lower	Upper
266	100		
268	47.1	47.8	71.6#
264	49.0	50.2	75.4#



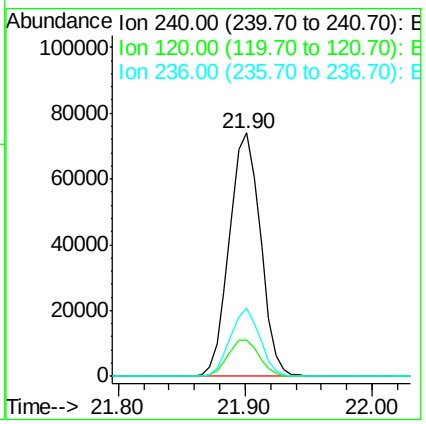


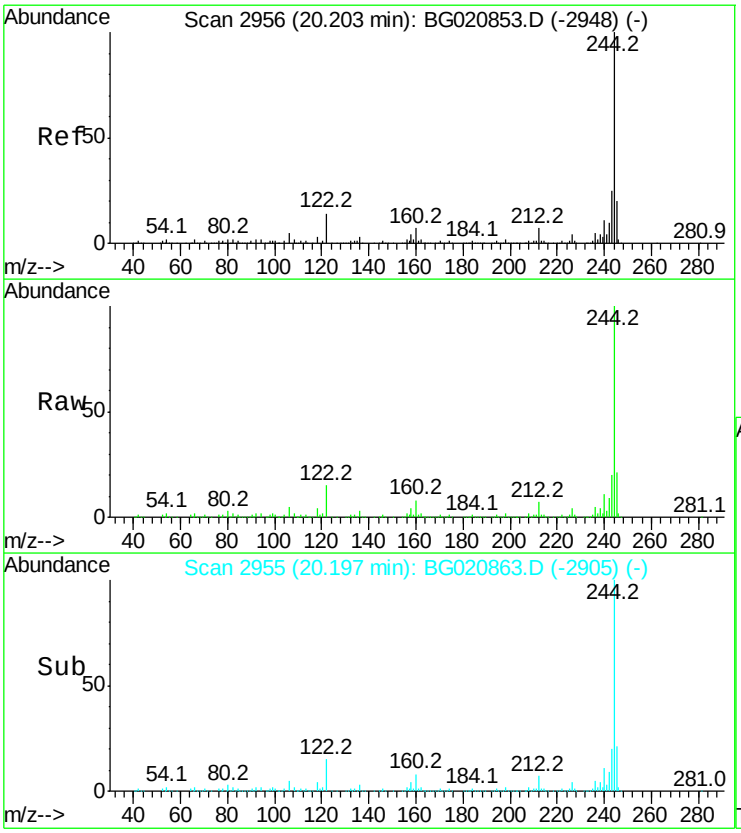
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.90 min Scan# 3245
Delta R.T. -0.01 min
Lab File: BG020863.D
Acq: 11 Feb 2016 19:28

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

Tgt Ion:240 Resp: 125559

Ion	Ratio	Lower	Upper
240	100		
120	14.8	13.0	19.4
236	27.8	21.0	31.4

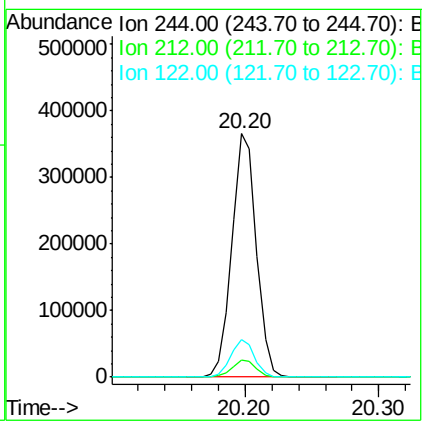


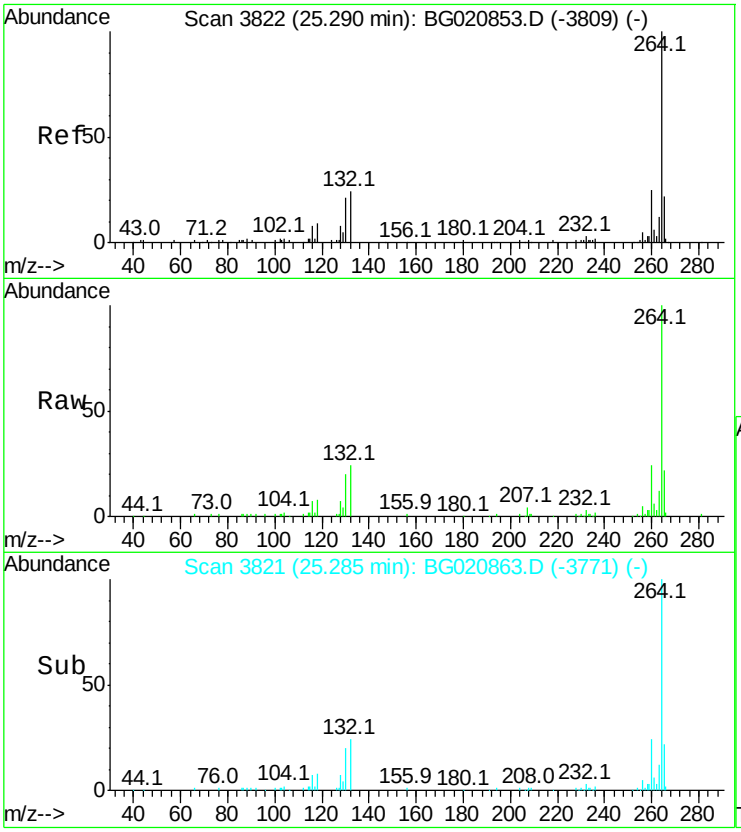


#78
Terphenyl-d14
Concen: 86.66 ng
RT: 20.20 min Scan# 2955
Delta R.T. -0.01 min
Lab File: BG020863.D
Acq: 11 Feb 2016 19:28

Tgt Ion:244 Resp: 466428

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.5	8.3
122	15.4	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.28 min Scan# 3821
Delta R.T. -0.01 min
Lab File: BG020863.D
Acq: 11 Feb 2016 19:28

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

Tgt Ion:264 Resp: 116990

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.9	29.9
265	21.6	18.0	27.0