Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032615\
Data File : BG016141.D
Acq On : 26 Mar 2015 15:46
Operator : TP/IZ
Sample : G1614-03
Misc : LOD-SOIL-5PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOD-SOIL2015-01

Quant Time: Mar 27 04:02:52 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 27 03:23:37 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	47124	20.00	ng		0.00
21) Naphthalene-d8	10.58	136	198997	20.00	ng		0.00
38) Acenaphthene-d10	14.41	164	124913	20.00	ng		0.00
63) Phenanthrene-d10	17.16	188	287120	20.00	ng		0.00
75) Chrysene-d12	21.33	240	321057	20.00	ng		0.00
86) Perylene-d12	23.61	264	302835	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	366268	130.08	ng		0.01
7) Phenol-d6	6.96	99	495865	126.52	ng		0.01
23) Nitrobenzene-d5	8.94	82	248544	77.44	ng		0.00
41) 2,4,6-Tribromophenol	15.90	330	194662	135.71	ng		0.00
44) 2-Fluorobiphenyl	13.04	172	633345	84.87	ng		0.00
78) Terphenyl-d14	19.78	244	1070185	83.95	ng		0.00
Target Compounds							Qvalue
32) Benzoic acid	9.82	122	2954	6.55	ng		90
53) 2,4-Dinitrophenol	14.53	184	554	5.77	ng	#	45

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

Quantitation Report (QT Reviewed)

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Data File : BG016141.D
Acq On : 26 Mar 2015 15:46
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Misc : LOD-SOIL-5PPM
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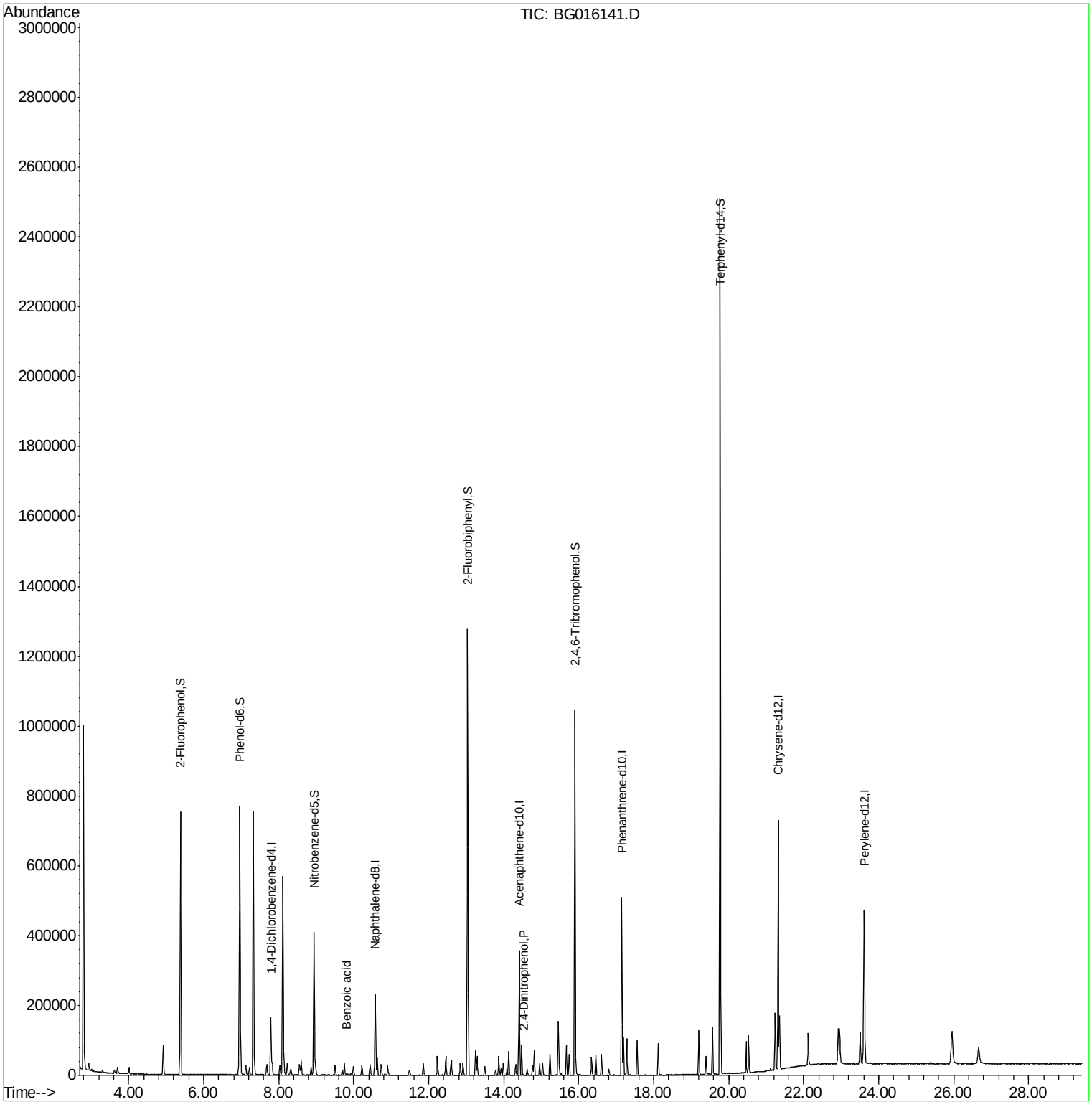
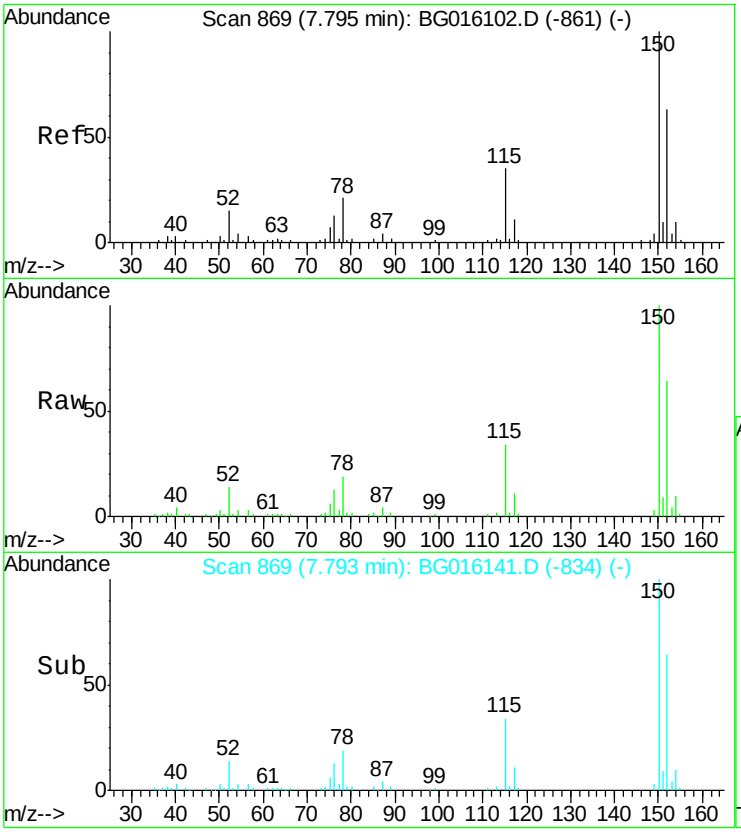


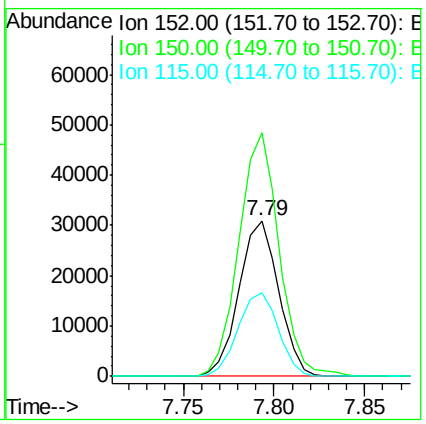


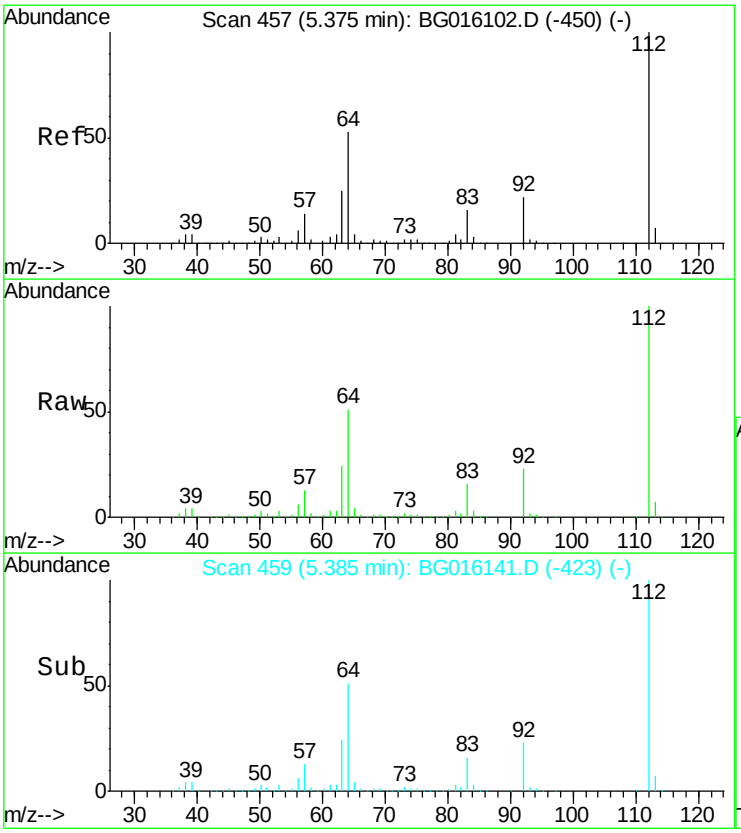
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 869
Delta R.T. 0.00 min
Lab File: BG016141.D
Acq: 26 Mar 2015 15:46

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:152 Resp: 47124

Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.1	189.1
115	53.5	43.7	65.5

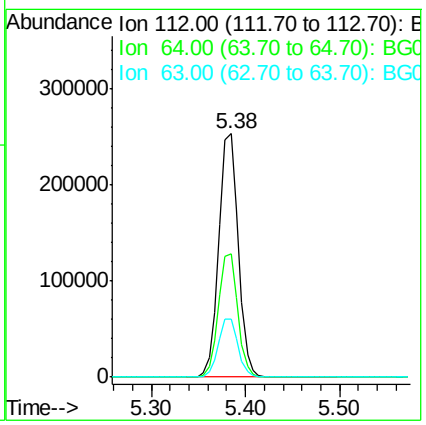


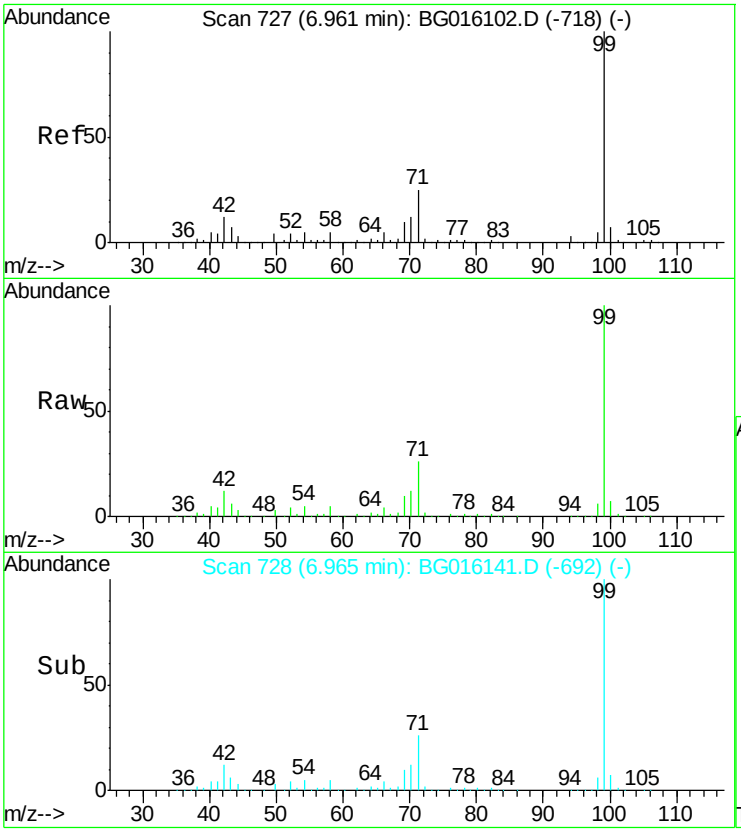


#5
2-Fluorophenol
Concen: 130.08 ng
RT: 5.38 min Scan# 459
Delta R.T. 0.01 min
Lab File: BG016141.D
Acq: 26 Mar 2015 15:46

Tgt Ion:112 Resp: 366268

Ion	Ratio	Lower	Upper
112	100		
64	50.6	42.6	64.0
63	24.1	19.9	29.9



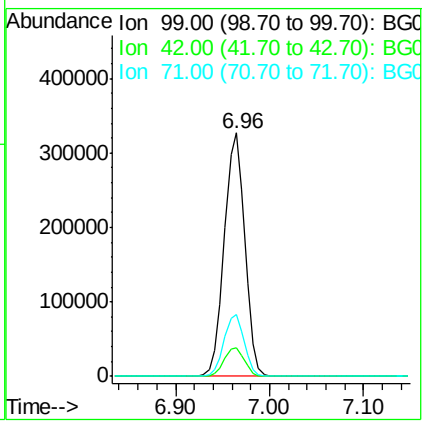


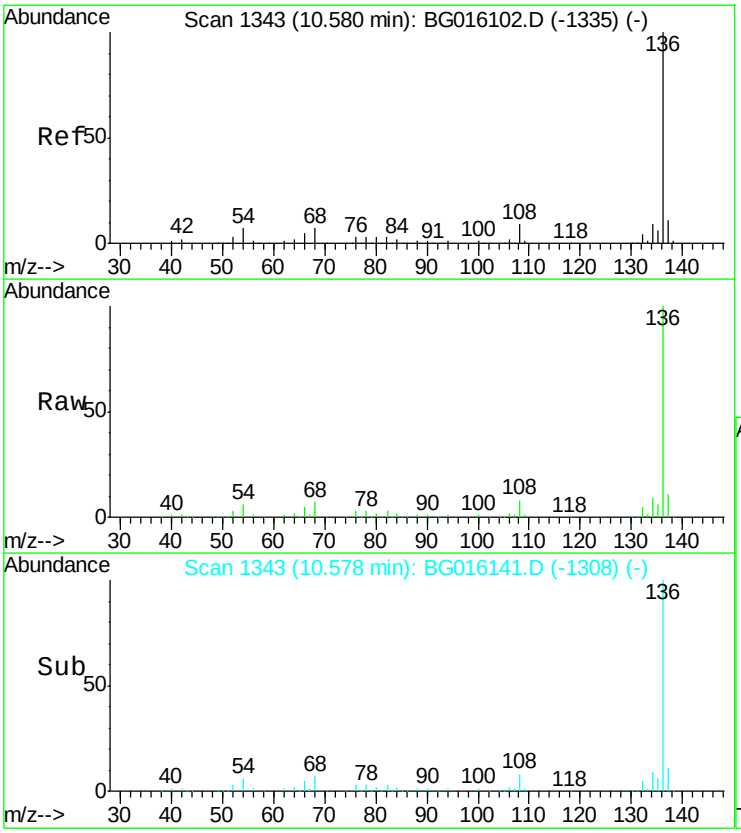
#7
Phenol-d6
Concen: 126.52 ng
RT: 6.96 min Scan# 728
Delta R.T. 0.01 min
Lab File: BG016141.D
Acq: 26 Mar 2015 15:46

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion: 99 Resp: 495865

Ion	Ratio	Lower	Upper
99	100		
42	11.9	9.4	14.0
71	25.6	19.9	29.9

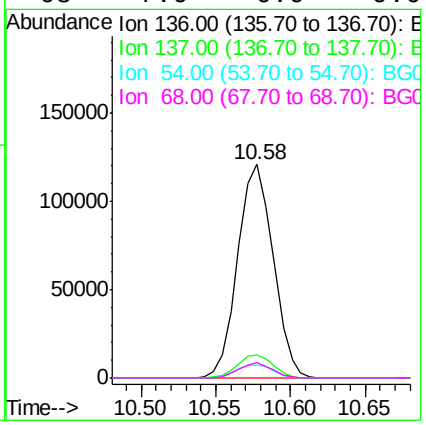


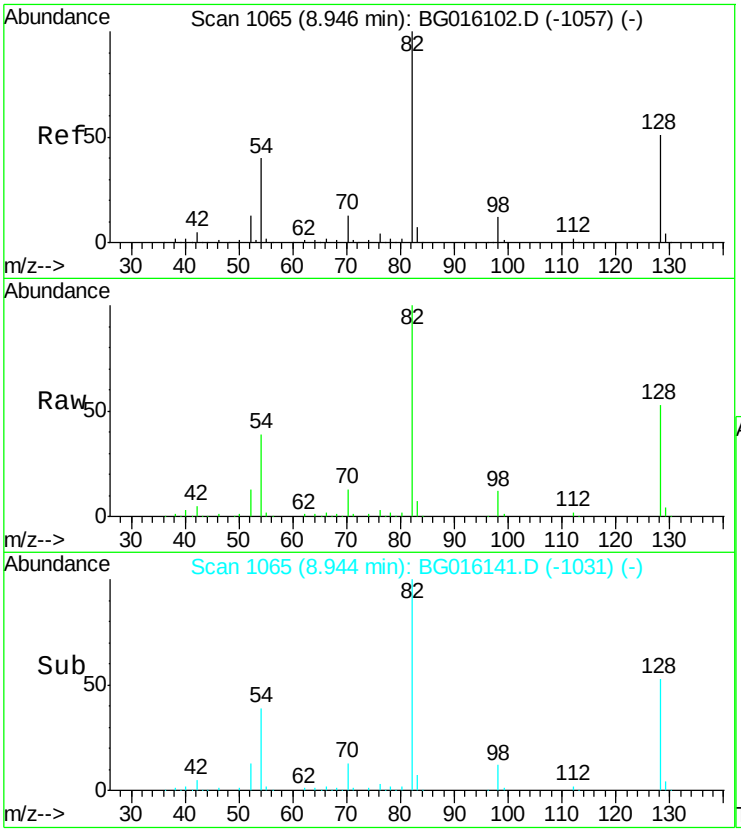


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.58 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG016141.D
Acq: 26 Mar 2015 15:46

Tgt Ion:136 Resp: 198997

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	6.1	5.5	8.3
68	7.0	6.0	9.0



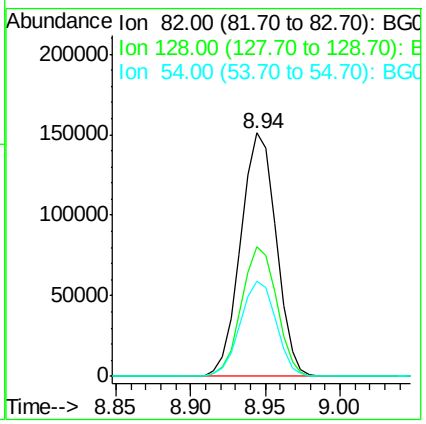


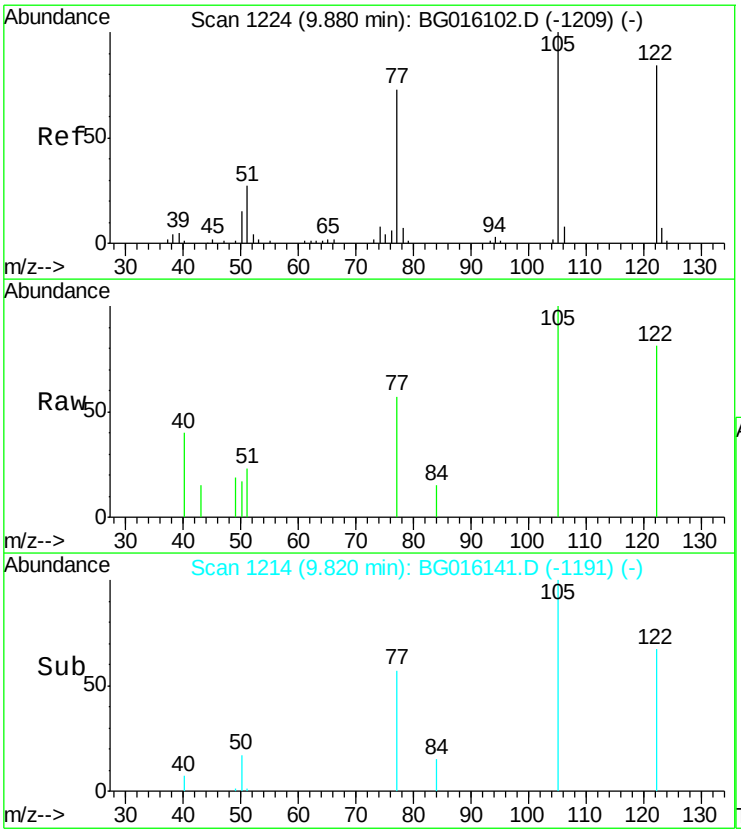
#23
Nitrobenzene-d5
Concen: 77.44 ng
RT: 8.94 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG016141.D
Acq: 26 Mar 2015 15:46

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion: 82 Resp: 248544

Ion	Ratio	Lower	Upper
82	100		
128	53.1	40.4	60.6
54	39.1	32.1	48.1

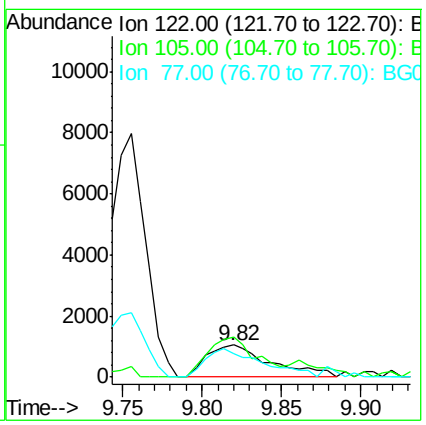


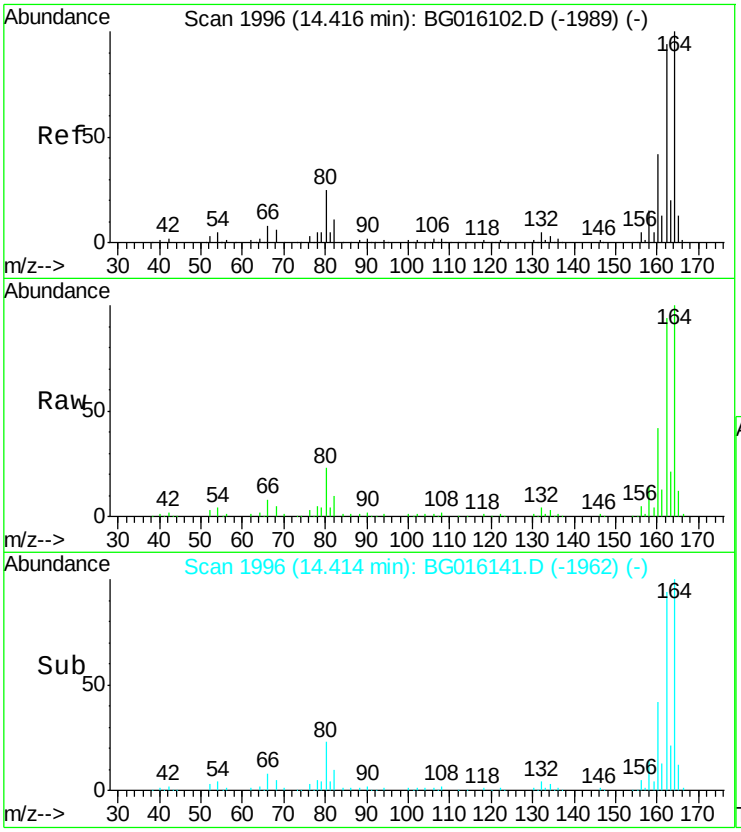


#32
Benzoic acid
Concen: 6.55 ng
RT: 9.82 min Scan# 1214
Delta R.T. -0.07 min
Lab File: BG016141.D
Acq: 26 Mar 2015 15:46

Tgt Ion:122 Resp: 2954

Ion	Ratio	Lower	Upper
122	100		
105	123.8	97.2	137.2
77	71.1	65.0	105.0



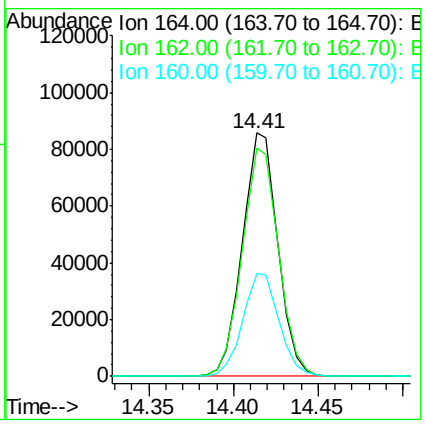


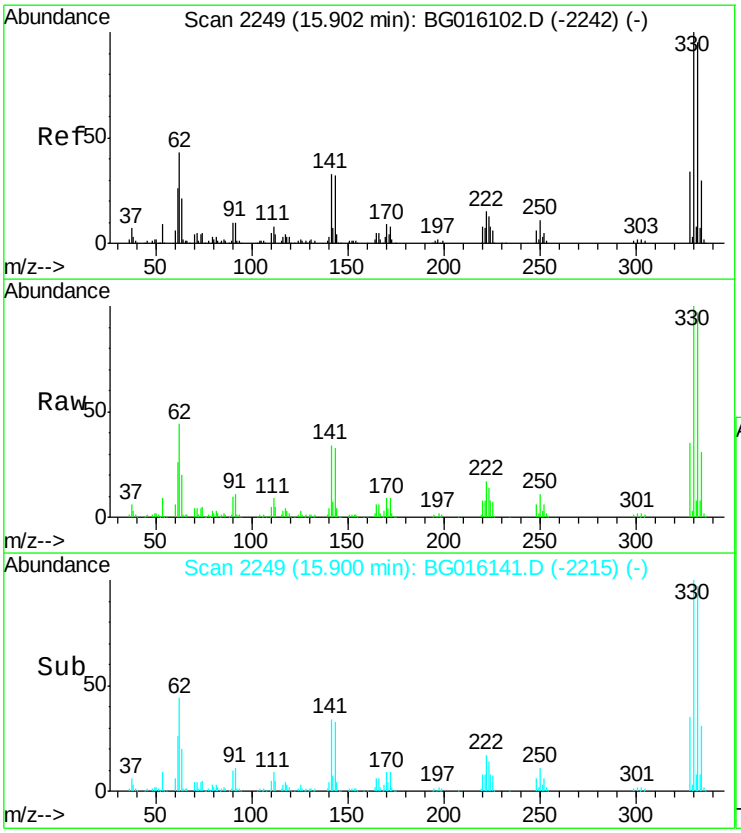
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.41 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BG016141.D
Acq: 26 Mar 2015 15:46

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:164 Resp: 124913

Ion	Ratio	Lower	Upper
164	100		
162	93.8	75.2	112.8
160	42.3	33.9	50.9

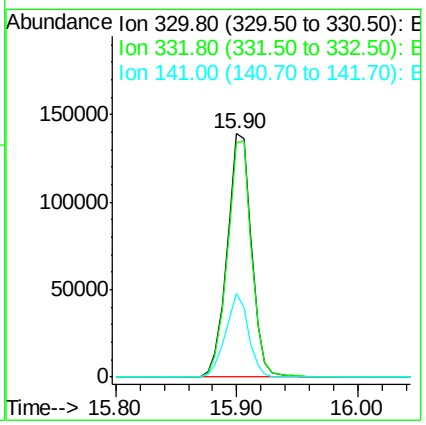


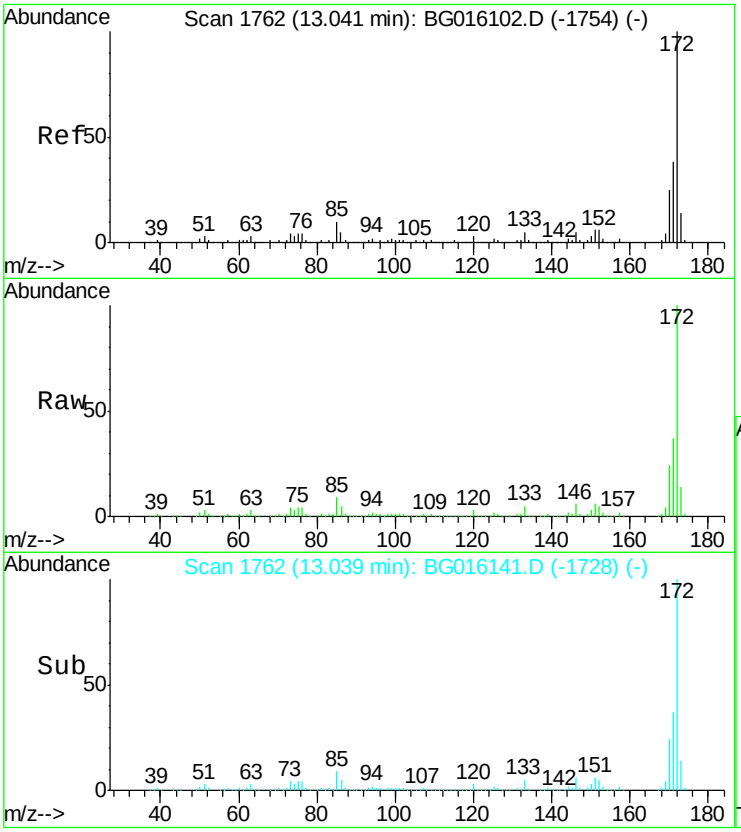


#41
2,4,6-Tribromophenol
Concen: 135.71 ng
RT: 15.90 min Scan# 2249
Delta R.T. -0.00 min
Lab File: BG016141.D
Acq: 26 Mar 2015 15:46

Tgt Ion:330 Resp: 194662

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	114.8
141	32.5	26.2	39.4



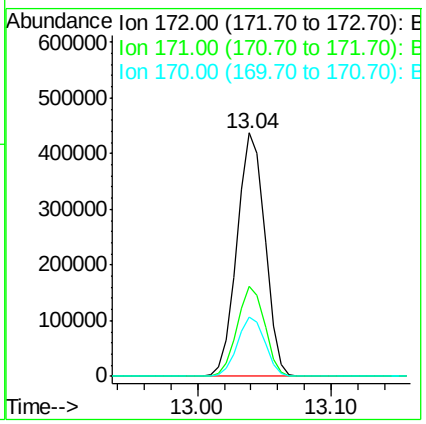


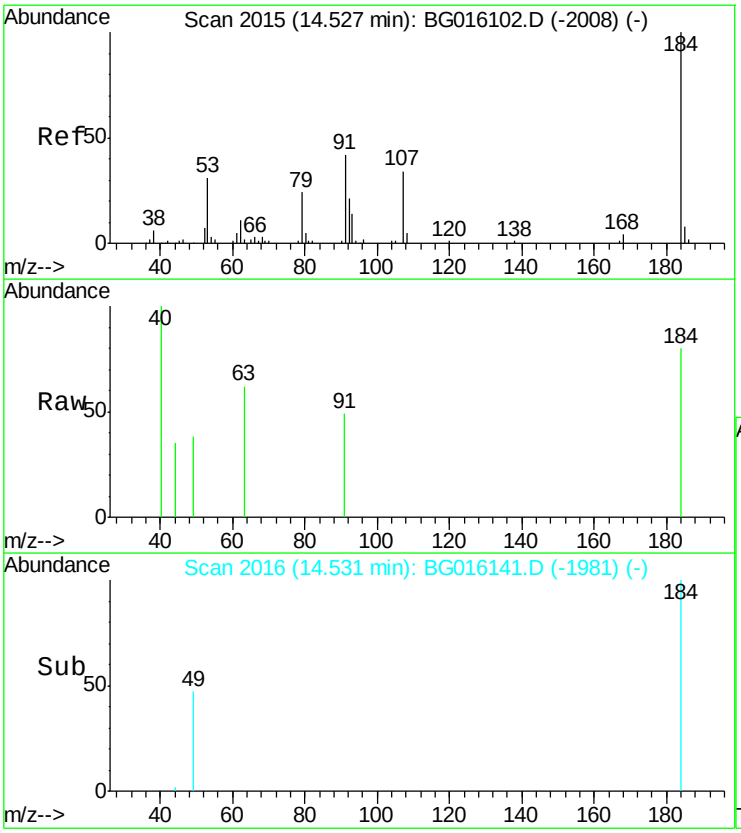
#44
2-Fluorobiphenyl
Concen: 84.87 ng
RT: 13.04 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BG016141.D
Acq: 26 Mar 2015 15:46

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:172 Resp: 633345

Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.3	45.5
170	24.4	19.8	29.8

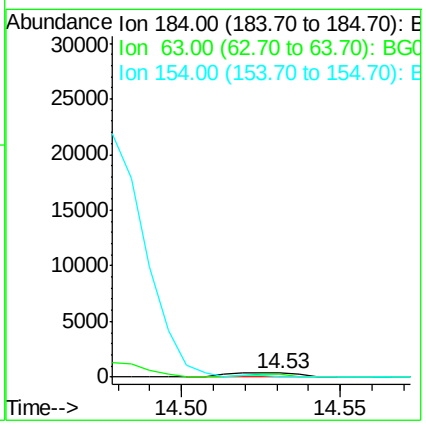


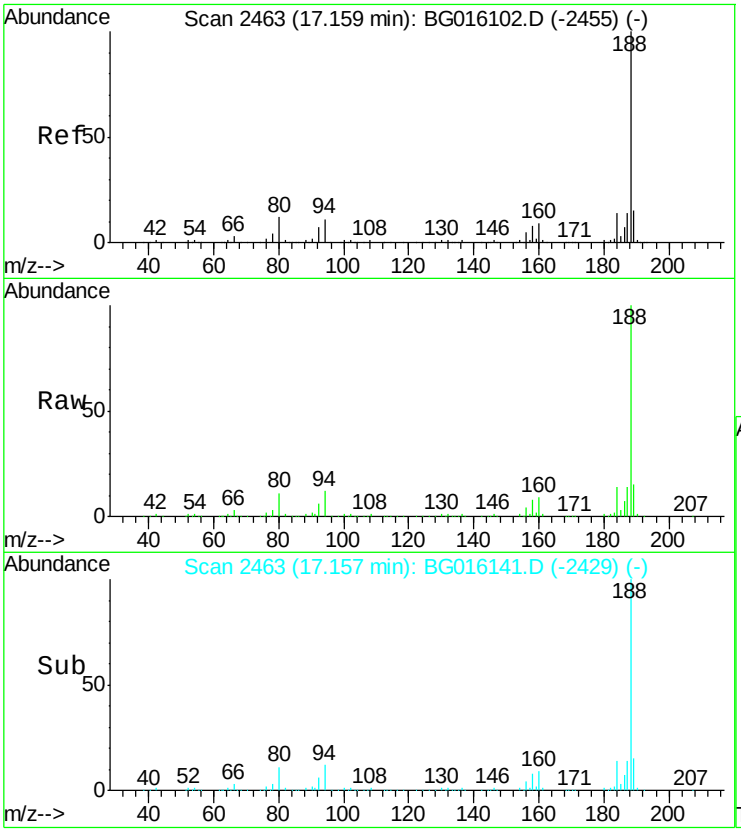


#53
2,4-Dinitrophenol
Concen: 5.77 ng
RT: 14.53 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BG016141.D
Acq: 26 Mar 2015 15:46

Tgt Ion:184 Resp: 554

Ion	Ratio	Lower	Upper
184	100		
63	77.1	36.5	54.7#
154	0.0	30.2	45.4#



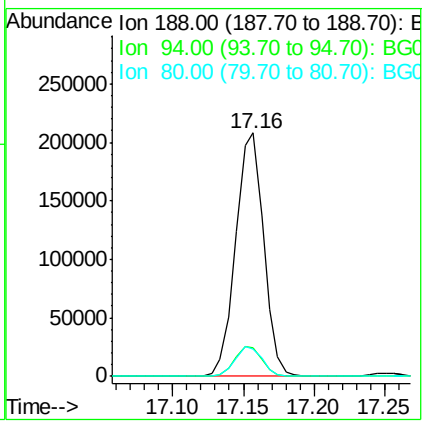


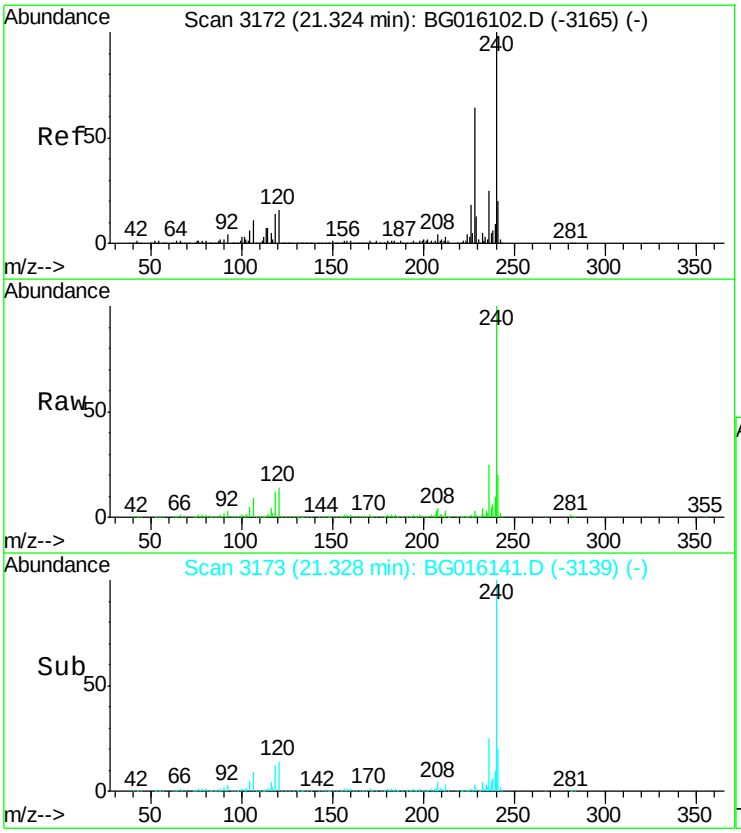
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.16 min Scan# 2463
Delta R.T. -0.00 min
Lab File: BG016141.D
Acq: 26 Mar 2015 15:46

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:188 Resp: 287120

Ion	Ratio	Lower	Upper
188	100		
94	11.8	9.1	13.7
80	11.3	9.8	14.8

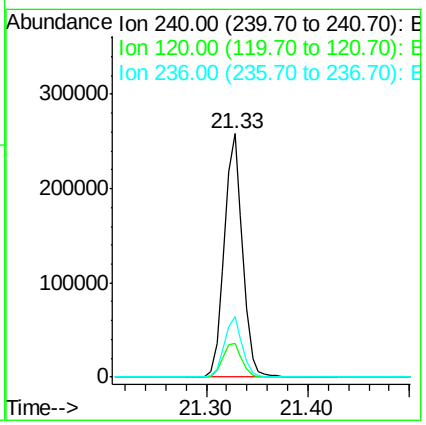


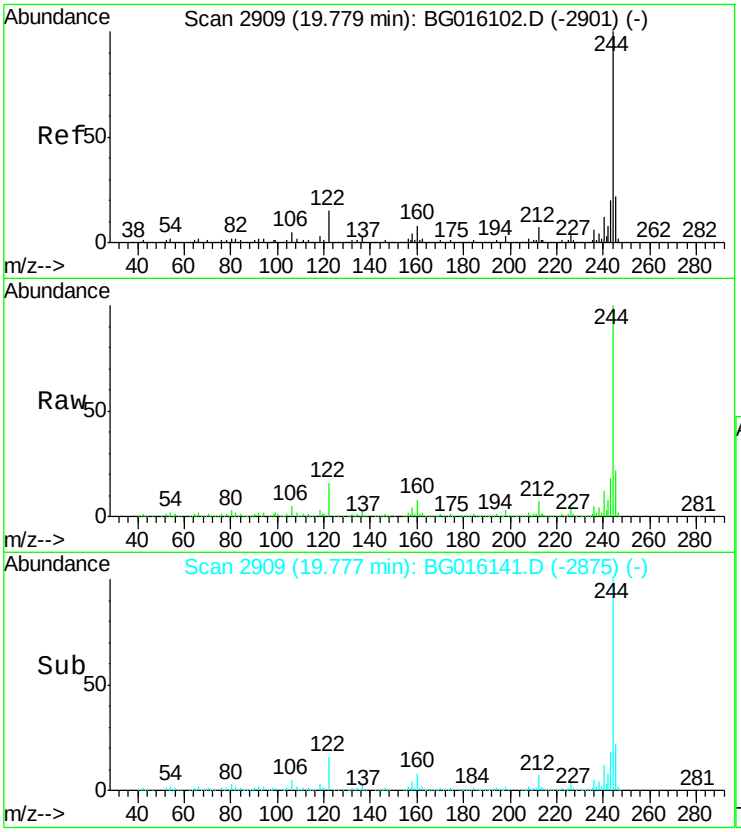


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.33 min Scan# 3173
Delta R.T. -0.00 min
Lab File: BG016141.D
Acq: 26 Mar 2015 15:46

Tgt Ion:240 Resp: 321057

Ion	Ratio	Lower	Upper
240	100		
120	13.9	13.0	19.4
236	24.8	20.2	30.2



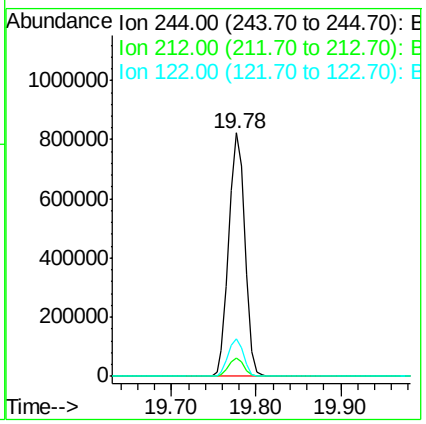


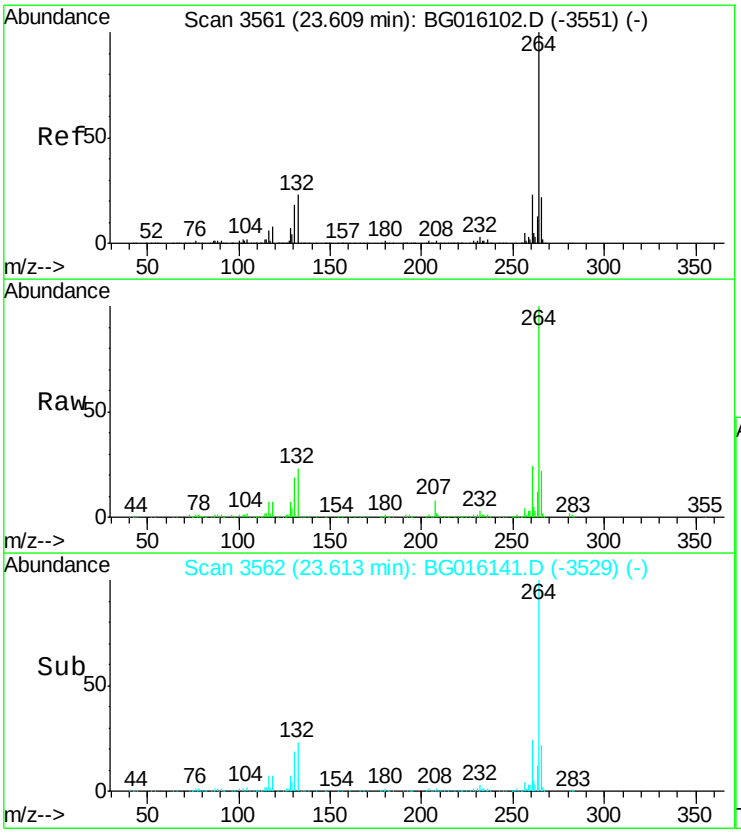
#78
Terphenyl-d14
Concen: 83.95 ng
RT: 19.78 min Scan# 2909
Delta R.T. -0.00 min
Lab File: BG016141.D
Acq: 26 Mar 2015 15:46

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:244 Resp: 1070185

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	15.7	12.2	18.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.61 min Scan# 3562
Delta R.T. -0.01 min
Lab File: BG016141.D
Acq: 26 Mar 2015 15:46

Tgt Ion:264 Resp: 302835

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.4	27.6
265	22.1	17.3	25.9