

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032615\
 Data File : BG016140.D
 Acq On : 26 Mar 2015 15:11
 Operator : TP/IZ
 Sample : G1614-03
 Misc : LOD-SOIL-2PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Quant Time: Mar 27 02:38:31 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

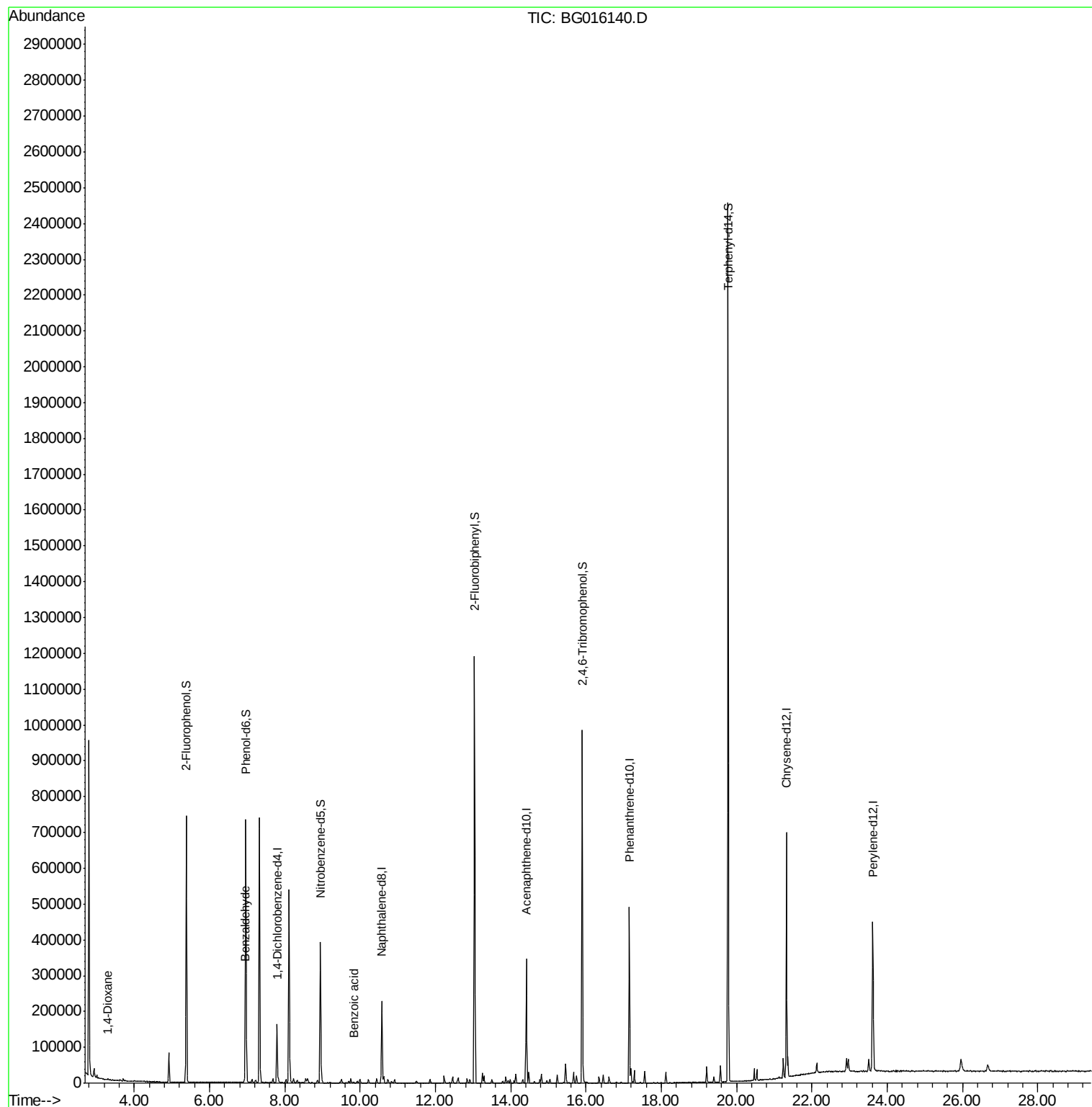
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	46132	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	193372	20.00	ng	0.00
38) Acenaphthene-d10	14.41	164	121496	20.00	ng	0.00
63) Phenanthrene-d10	17.16	188	282725	20.00	ng	0.00
75) Chrysene-d12	21.33	240	305038	20.00	ng	0.00
86) Perylene-d12	23.62	264	290335	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	352912	128.03	ng	0.01
7) Phenol-d6	6.96	99	477678	124.50	ng	0.01
23) Nitrobenzene-d5	8.94	82	239339	76.74	ng	0.00
41) 2,4,6-Tribromophenol	15.90	330	186154	133.43	ng	0.00
44) 2-Fluorobiphenyl	13.04	172	610887	84.16	ng	0.00
78) Terphenyl-d14	19.78	244	1007260	83.16	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.31	88	2380	2.14	ng	# 87
9) Benzaldehyde	6.94	77	4245	2.65	ng	95
32) Benzoic acid	9.83	122	294	5.41	ng	# 36

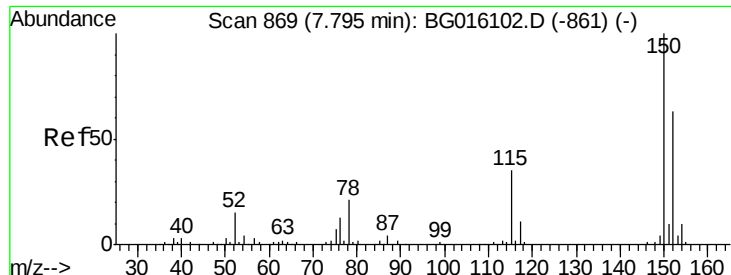
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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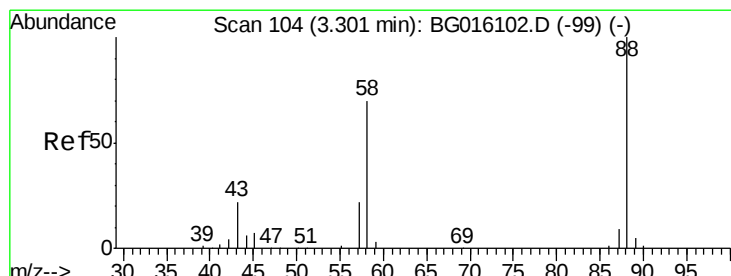
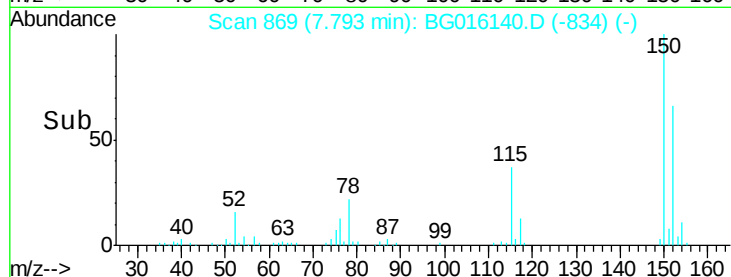
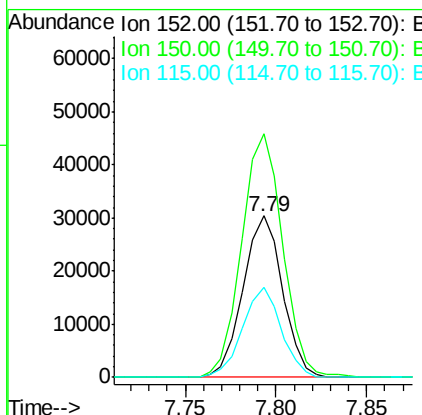
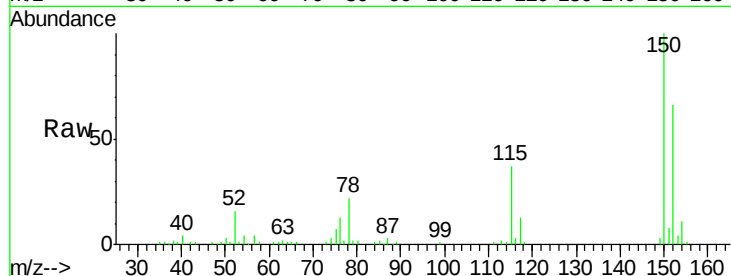


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 869
Delta R.T. 0.00 min
Lab File: BG016140.D
Acq: 26 Mar 2015 15:11

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

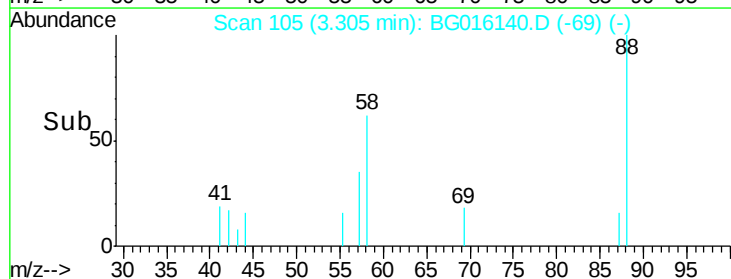
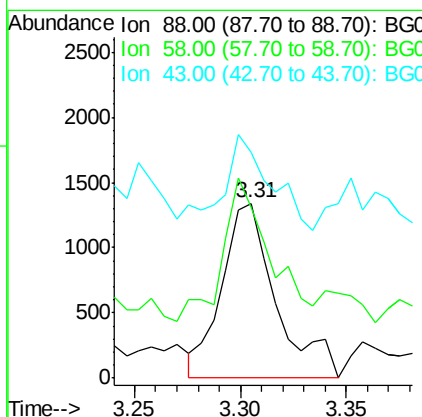
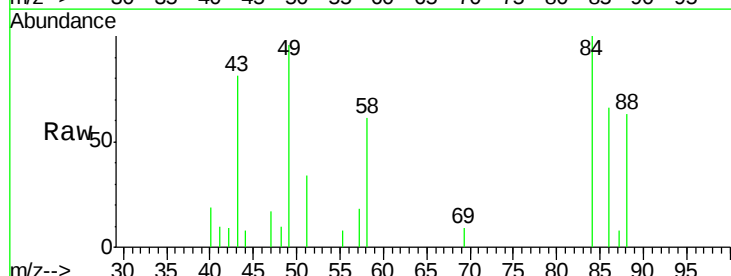
Tgt Ion:152 Resp: 46132
Ion Ratio Lower Upper
152 100
150 150.8 126.1 189.1
115 56.1 43.7 65.5

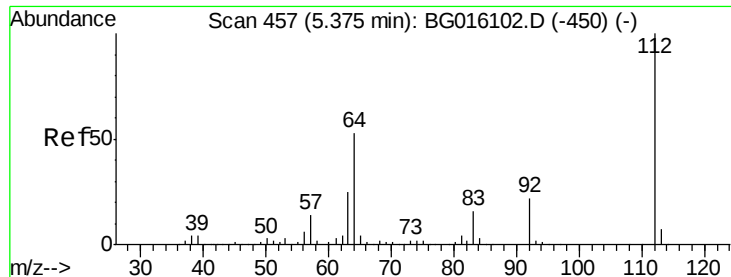


#2

1,4-Dioxane
Concen: 2.14 ng
RT: 3.31 min Scan# 105
Delta R.T. 0.01 min
Lab File: BG016140.D
Acq: 26 Mar 2015 15:11

Tgt Ion: 88 Resp: 2380
Ion Ratio Lower Upper
88 100
58 69.7 54.2 81.4
43 43.4 17.4 26.2#





#5

2-Fluorophenol

Concen: 128.03 ng

RT: 5.38 min Scan# 459

Delta R.T. 0.01 min

Lab File: BG016140.D

Acq: 26 Mar 2015 15:11

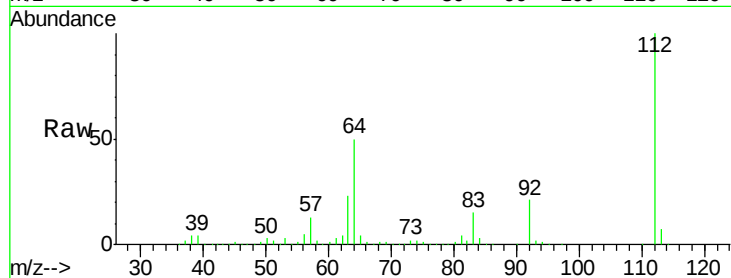
Instrument :

BNA_G

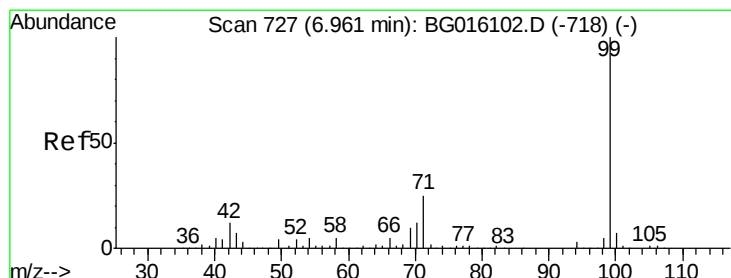
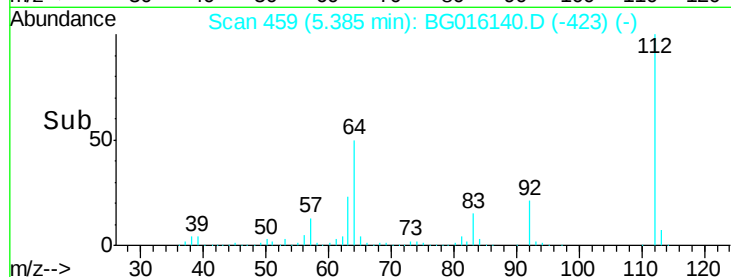
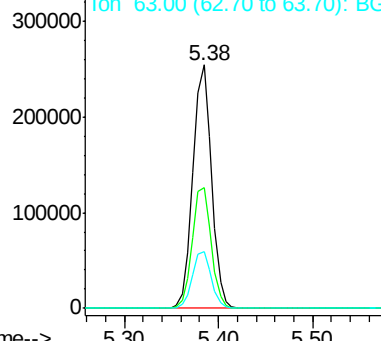
ClientSampleId :

LOD-SOIL2015-01

Tgt Ion:	112	Resp:	352912
Ion	Ratio	Lower	Upper
112	100		
64	49.7	42.6	64.0
63	23.5	19.9	29.9



Abundance Ion 112.00 (111.70 to 112.70): BGC



#7

Phenol-d6

Concen: 124.50 ng

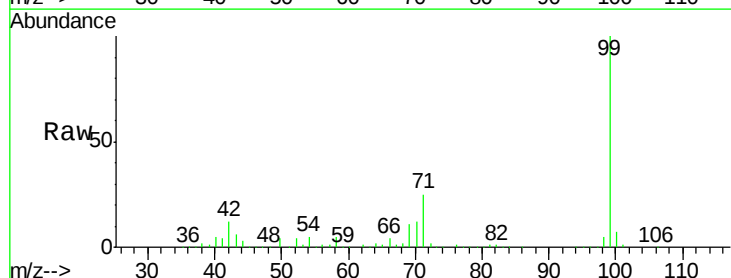
RT: 6.96 min Scan# 728

Delta R.T. 0.01 min

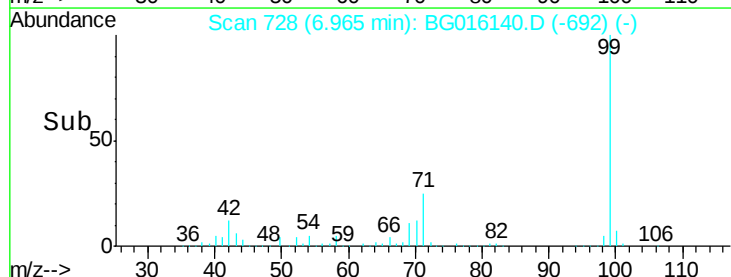
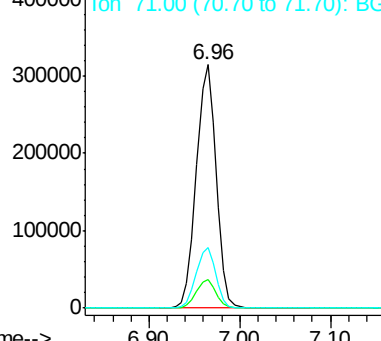
Lab File: BG016140.D

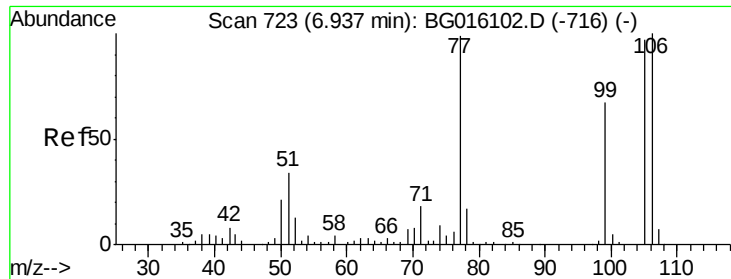
Acq: 26 Mar 2015 15:11

Tgt Ion:	99	Resp:	477678
Ion	Ratio	Lower	Upper
99	100		
42	11.9	9.4	14.0
71	25.1	19.9	29.9



Abundance Ion 99.00 (98.70 to 99.70): BGC

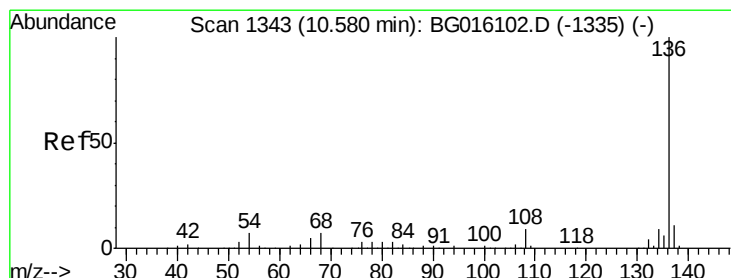
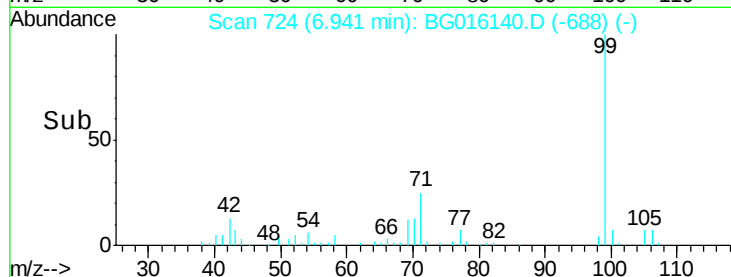
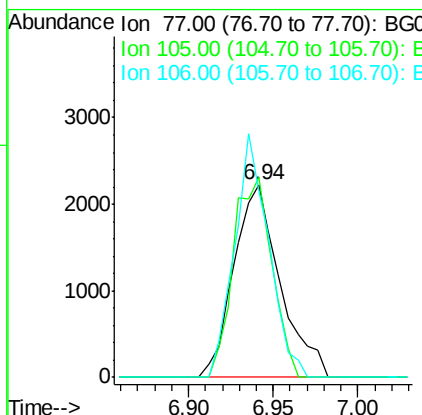
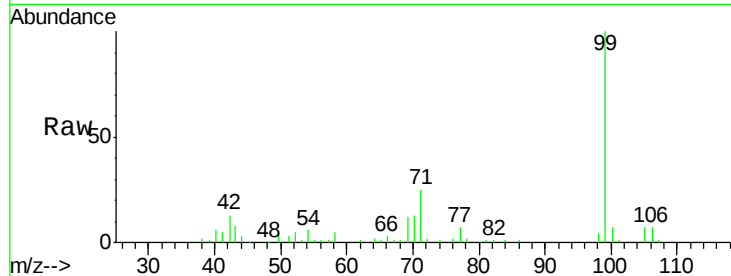




#9
Benzaldehyde
Concen: 2.65 ng
RT: 6.94 min Scan# 724
Delta R.T. 0.01 min
Lab File: BG016140.D
Acq: 26 Mar 2015 15:11

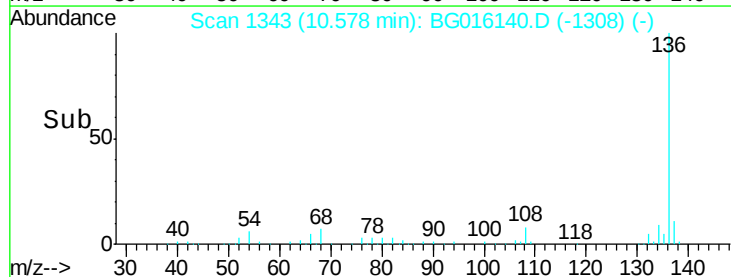
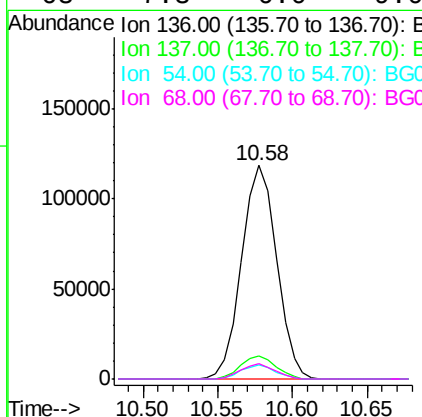
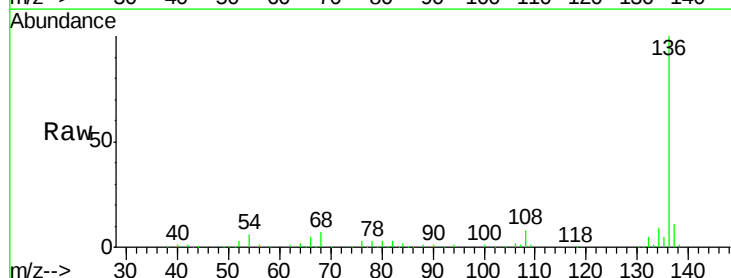
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

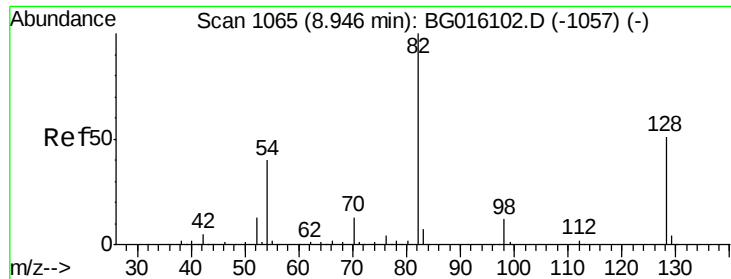
Tgt Ion: 77 Resp: 4245
Ion Ratio Lower Upper
77 100
105 103.8 78.1 118.1
106 96.6 81.0 121.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.58 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG016140.D
Acq: 26 Mar 2015 15:11

Tgt Ion: 136 Resp: 193372
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 6.3 5.5 8.3
68 7.3 6.0 9.0

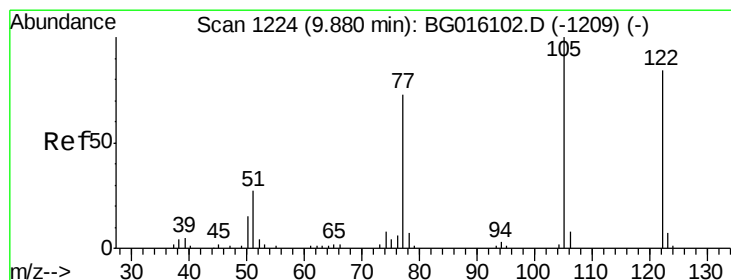
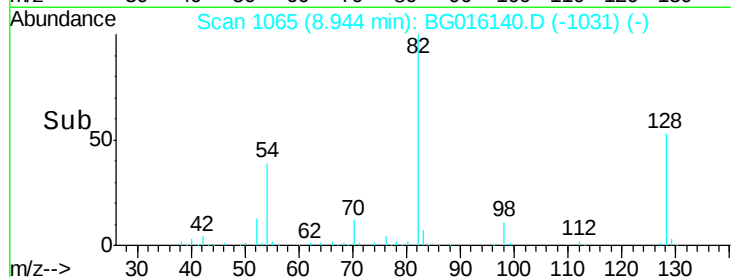
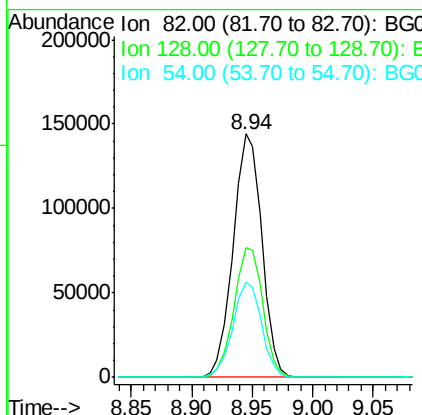
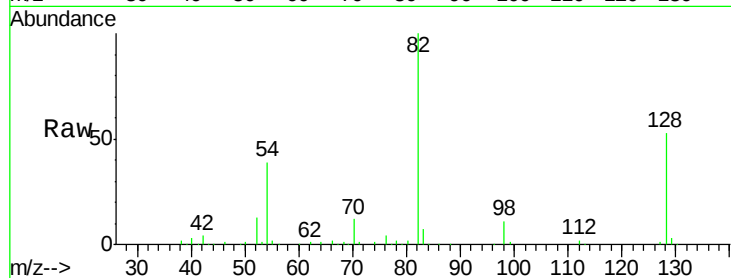




#23
 Nitrobenzene-d5
 Concen: 76.74 ng
 RT: 8.94 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: BG016140.D
 Acq: 26 Mar 2015 15:11

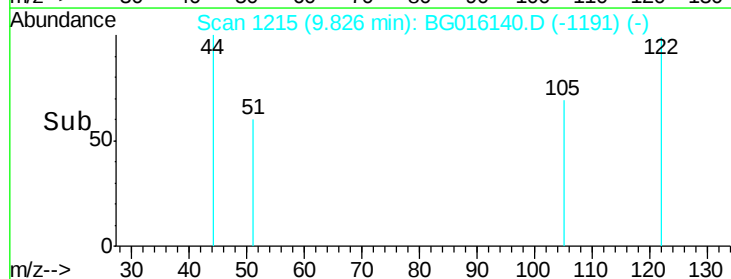
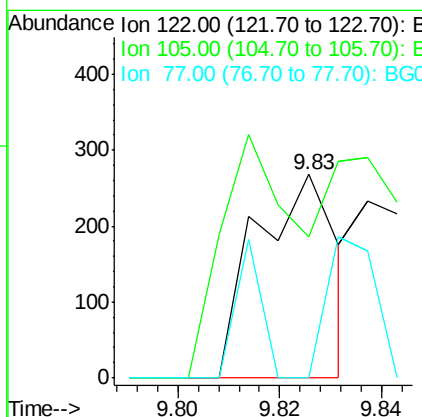
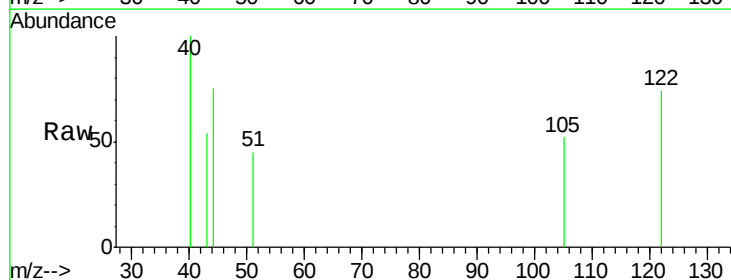
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

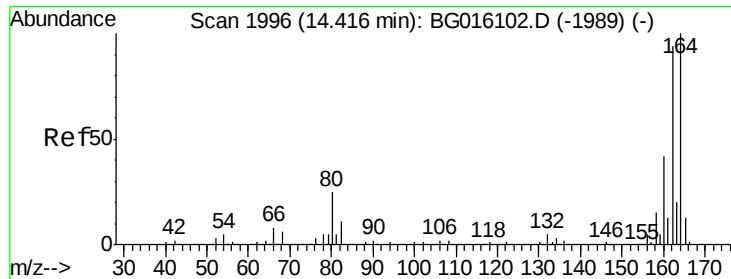
Tgt Ion	Ratio	Lower	Upper
82	100		
128	53.3	40.4	60.6
54	39.1	32.1	48.1



#32
 Benzoic acid
 Concen: 5.41 ng
 RT: 9.83 min Scan# 1215
 Delta R.T. -0.06 min
 Lab File: BG016140.D
 Acq: 26 Mar 2015 15:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	69.4	97.2	137.2#
77	0.0	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: BG016140.D

Acq: 26 Mar 2015 15:11

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

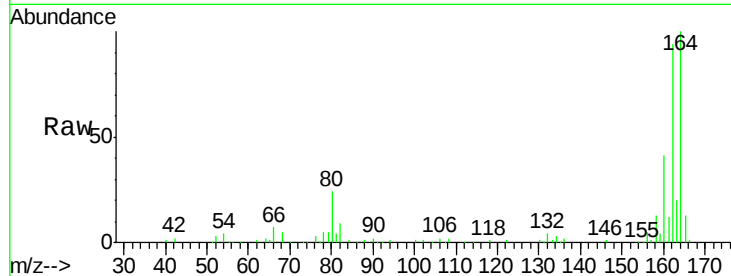
Tgt Ion:164 Resp: 121496

Ion Ratio Lower Upper

164 100

162 93.6 75.2 112.8

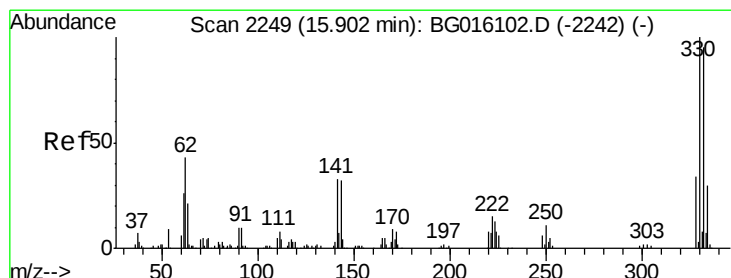
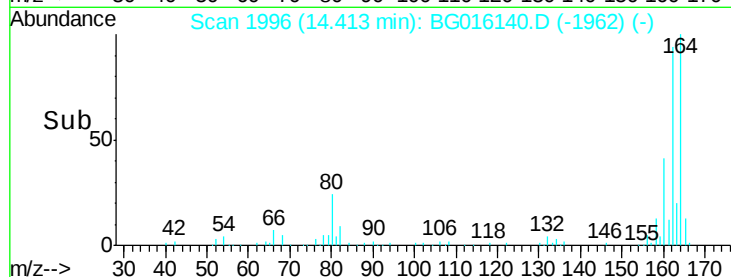
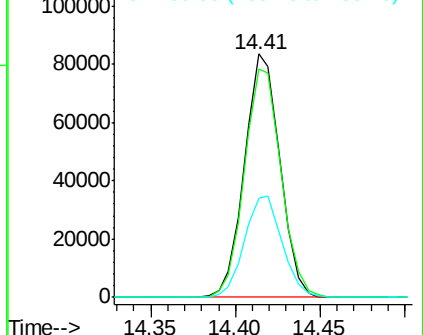
160 40.8 33.9 50.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 133.43 ng

RT: 15.90 min Scan# 2249

Delta R.T. -0.00 min

Lab File: BG016140.D

Acq: 26 Mar 2015 15:11

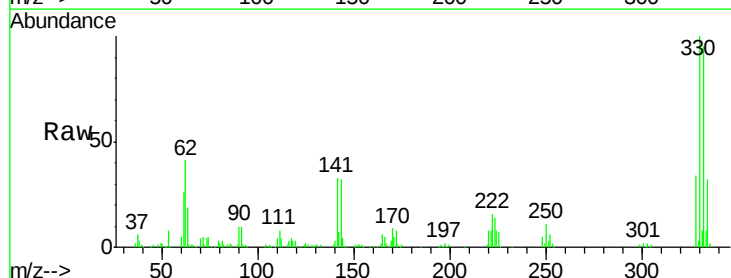
Tgt Ion:330 Resp: 186154

Ion Ratio Lower Upper

330 100

332 95.3 76.6 114.8

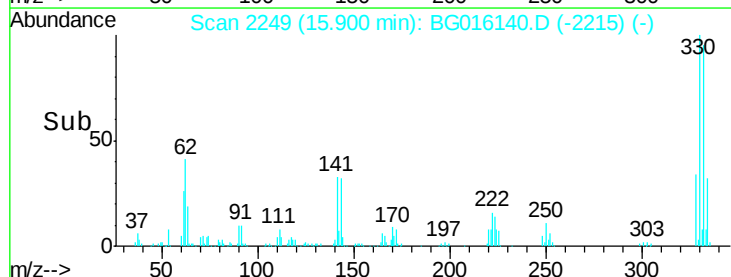
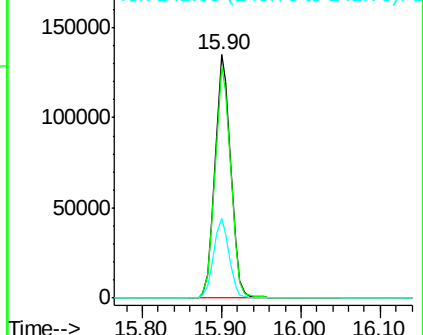
141 32.5 26.2 39.4

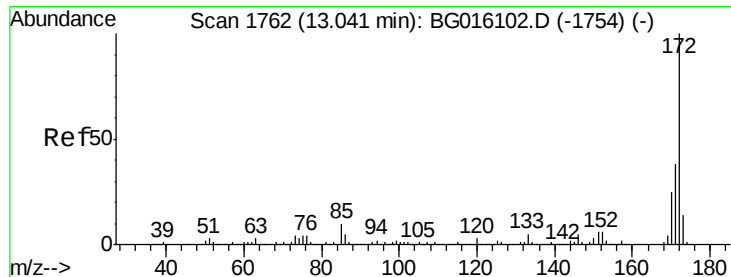


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

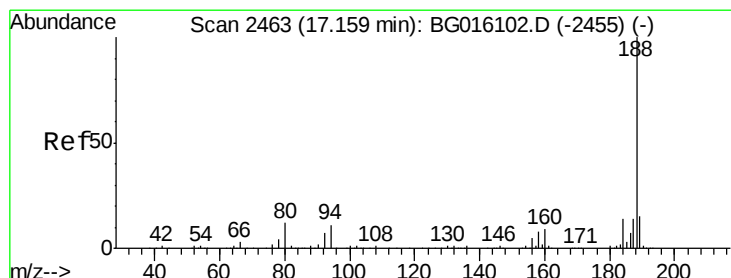
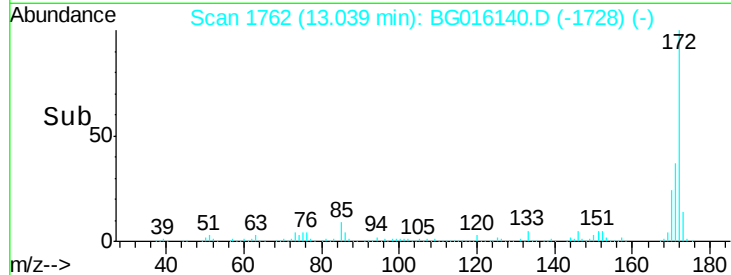
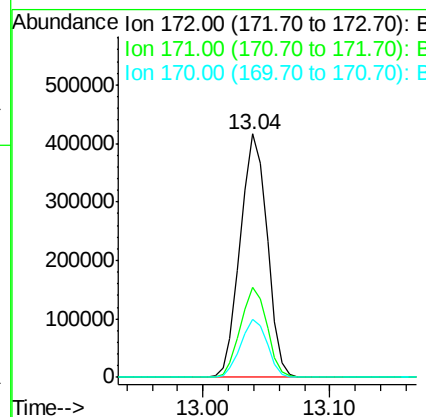
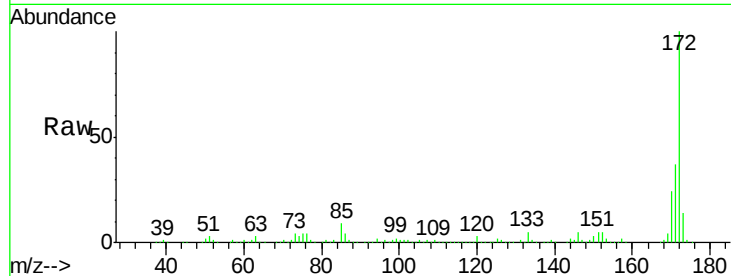




#44
 2-Fluorobiphenyl
 Concen: 84.16 ng
 RT: 13.04 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: BG016140.D
 Acq: 26 Mar 2015 15:11

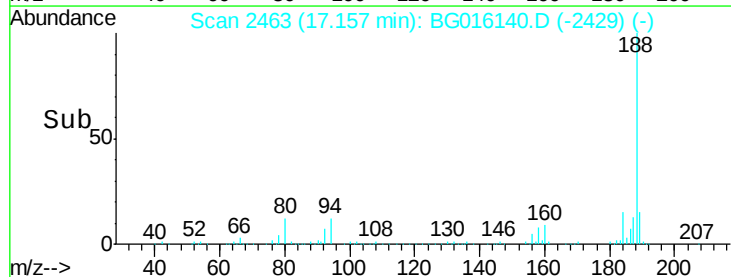
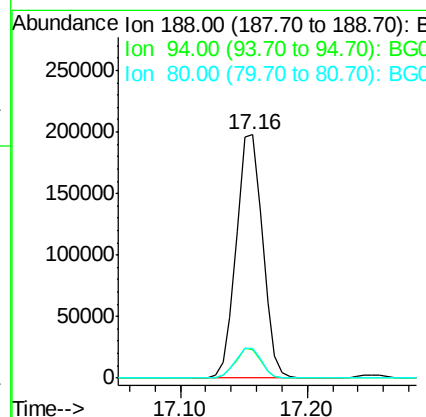
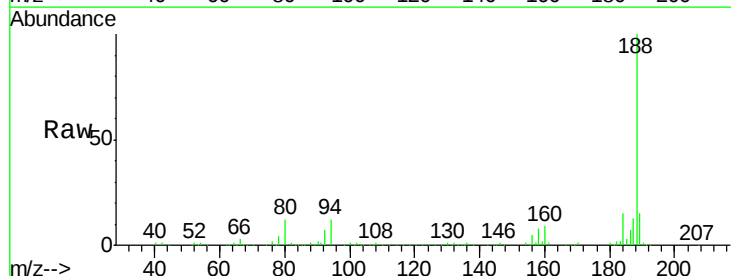
Instrument :
 BNA_G
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 LOD-SOIL2015-01

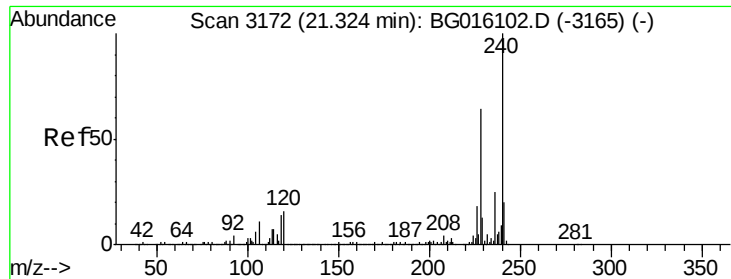
Tgt Ion:172 Resp: 610887
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.3 45.5
 170 23.8 19.8 29.8



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.16 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: BG016140.D
 Acq: 26 Mar 2015 15:11

Tgt Ion:188 Resp: 282725
 Ion Ratio Lower Upper
 188 100
 94 11.7 9.1 13.7
 80 12.1 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: BG016140.D

Acq: 26 Mar 2015 15:11

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

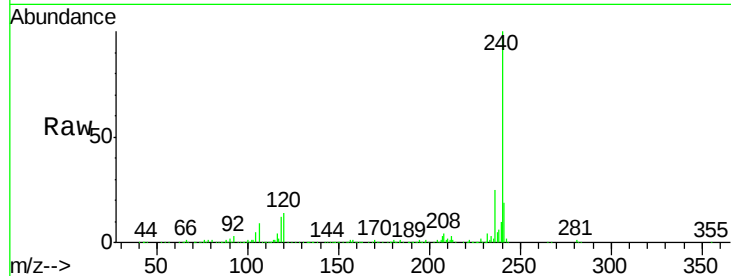
Tgt Ion:240 Resp: 305038

Ion Ratio Lower Upper

240 100

120 13.9 13.0 19.4

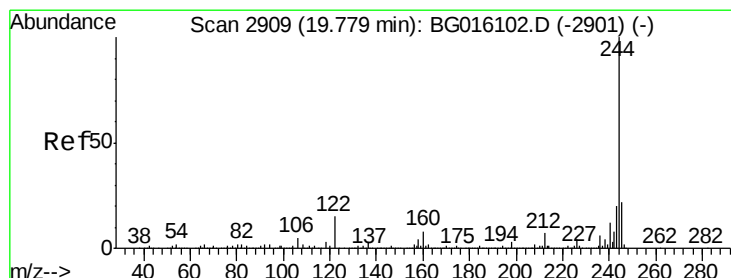
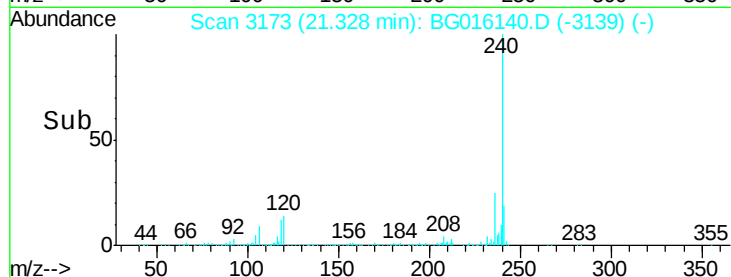
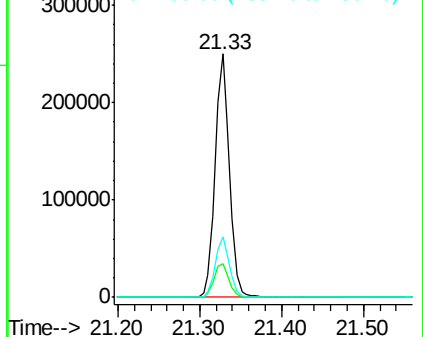
236 24.9 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 83.16 ng

RT: 19.78 min Scan# 2909

Delta R.T. -0.00 min

Lab File: BG016140.D

Acq: 26 Mar 2015 15:11

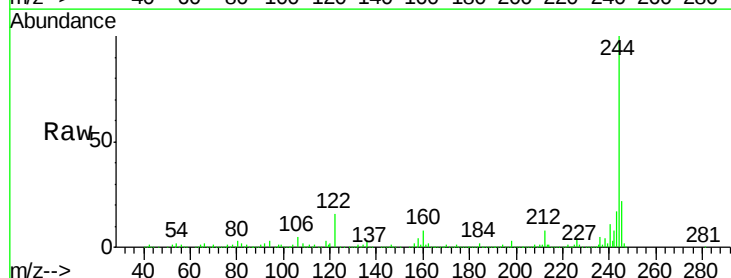
Tgt Ion:244 Resp: 1007260

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

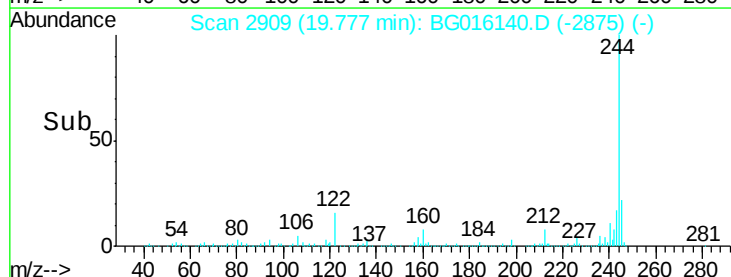
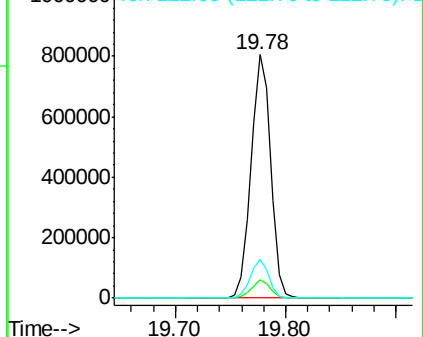
122 16.2 12.2 18.2

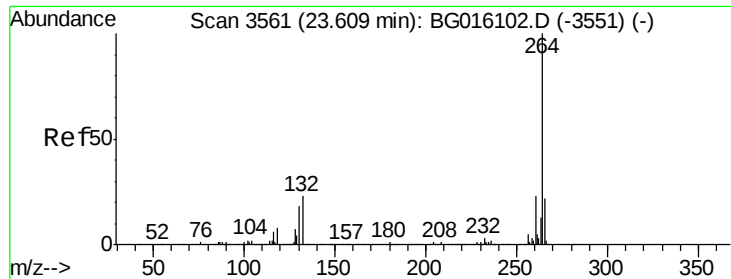


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

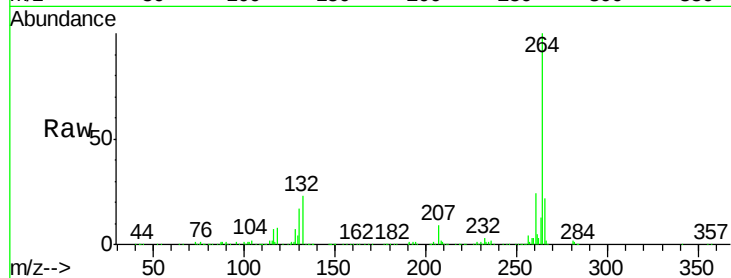




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.62 min Scan# 3563
Delta R.T. -0.00 min
Lab File: BG016140.D
Acq: 26 Mar 2015 15:11

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.4	27.6
265	21.9	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

