

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010515\
 Data File : BG015849.D
 Acq On : 5 Jan 2015 19:01
 Operator : TP/IZ
 Sample : G1001-03
 Misc : LOD-SOIL-5PPM
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Quant Time: Jan 06 09:36:01 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 06 08:46:19 2015
 Response via : Initial Calibration

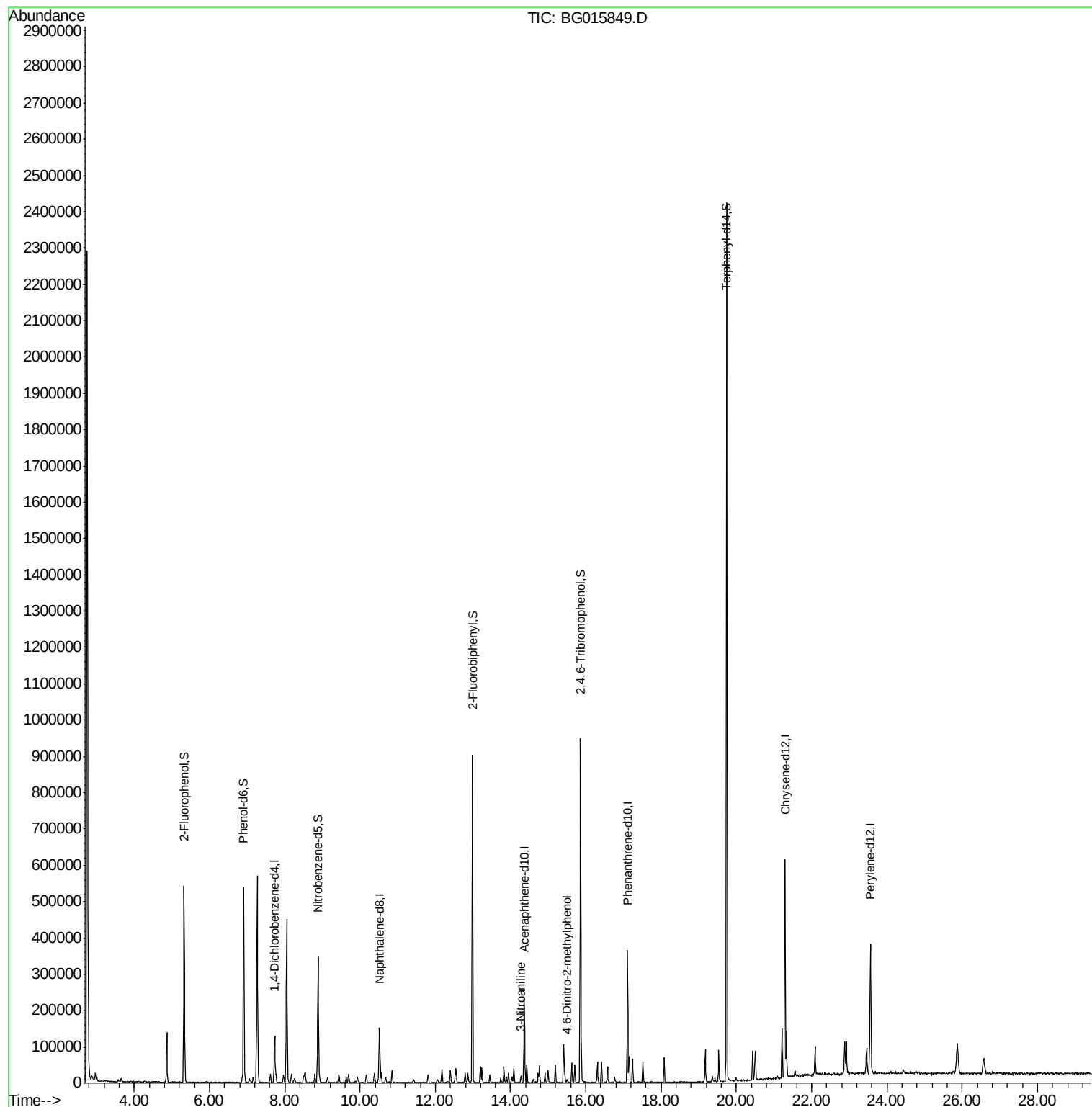
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	29346	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	104413	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	76146	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	192112	20.00	ng	0.00
75) Chrysene-d12	21.29	240	291079	20.00	ng	0.00
86) Perylene-d12	23.56	264	276423	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	196994	57.73	ng	0.00
7) Phenol-d6	6.91	99	270631	56.95	ng	0.00
23) Nitrobenzene-d5	8.88	82	194674	36.58	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	170678	58.97	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	417131	39.13	ng	0.00
78) Terphenyl-d14	19.74	244	981210	37.67	ng	0.00
Target Compounds						
52) 3-Nitroaniline	14.27	138	3524	3.06	ng	# 68
64) 4,6-Dinitro-2-methylphenol	15.50	198	2553	5.22	ng	# 80

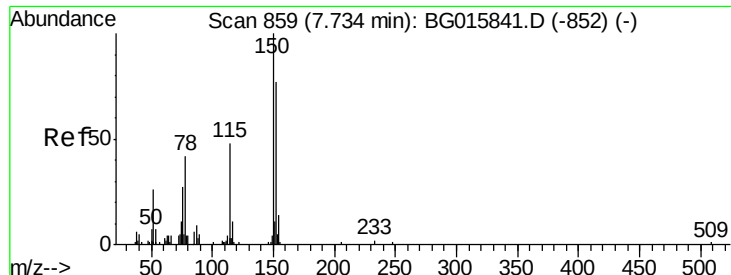
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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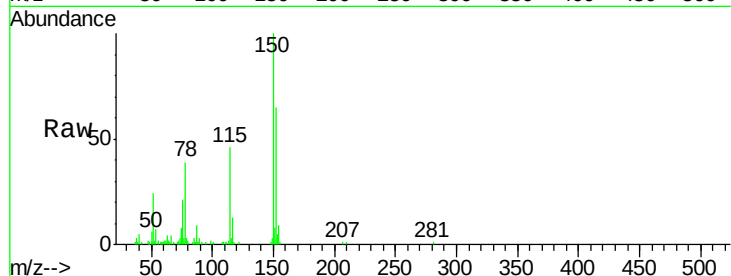


#1

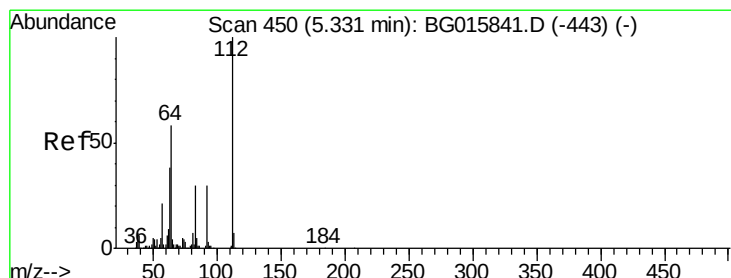
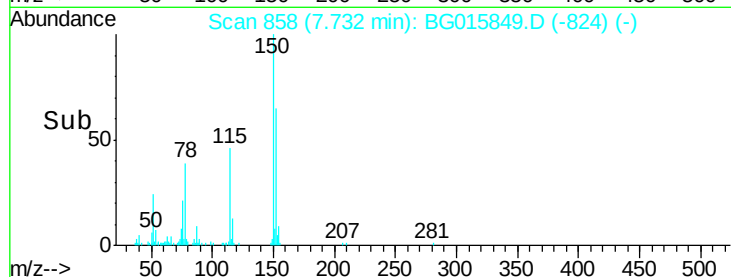
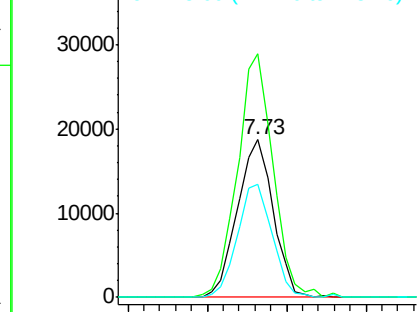
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.73 min Scan# 858
Delta R.T. 0.00 min
Lab File: BG015849.D
Acq: 5 Jan 2015 19:01

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:152 Resp: 29346
Ion Ratio Lower Upper
152 100
150 154.4 120.5 180.7
115 71.4 54.0 81.0



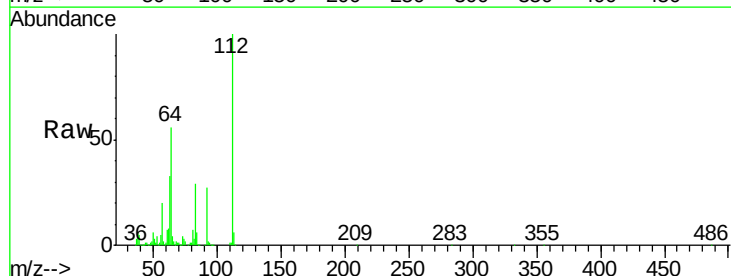
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



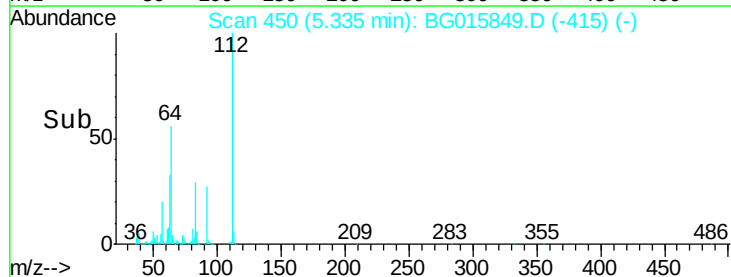
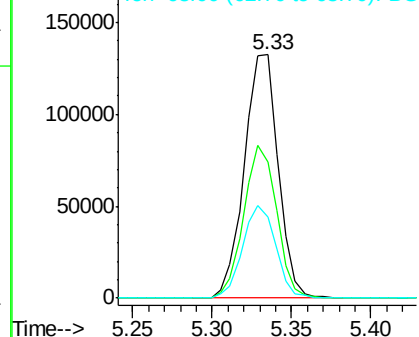
#5

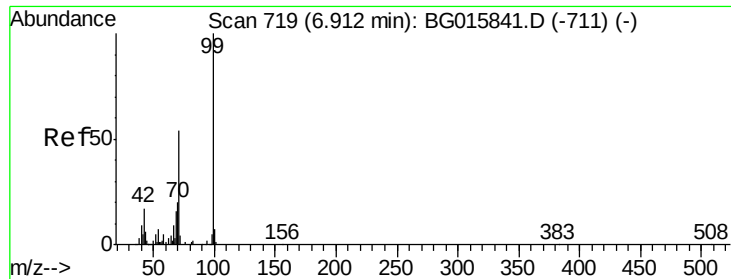
2-Fluorophenol
Concen: 57.73 ng
RT: 5.33 min Scan# 450
Delta R.T. 0.00 min
Lab File: BG015849.D
Acq: 5 Jan 2015 19:01

Tgt Ion:112 Resp: 196994
Ion Ratio Lower Upper
112 100
64 55.8 46.8 70.2
63 33.4 30.6 45.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 56.95 ng

RT: 6.91 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

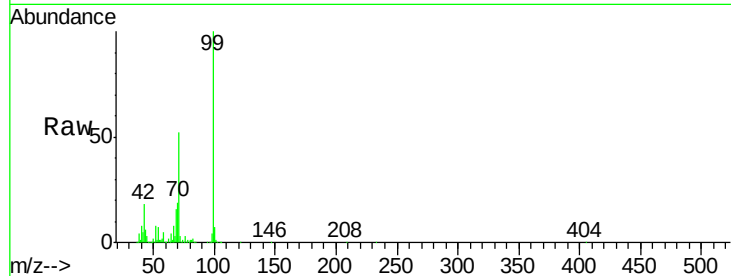
Tgt Ion: 99 Resp: 270631

Ion Ratio Lower Upper

99 100

42 17.8 13.8 20.8

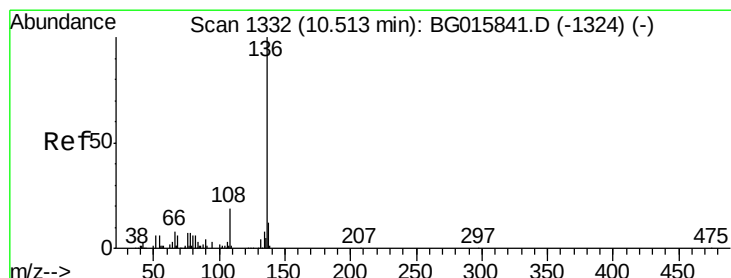
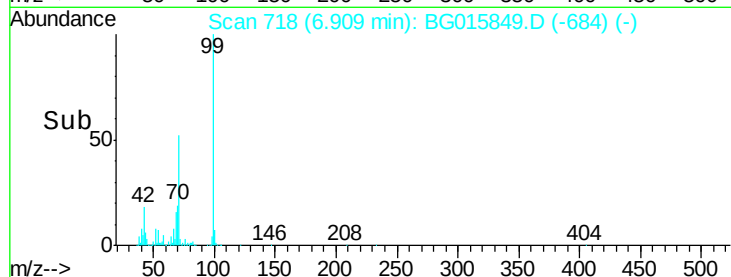
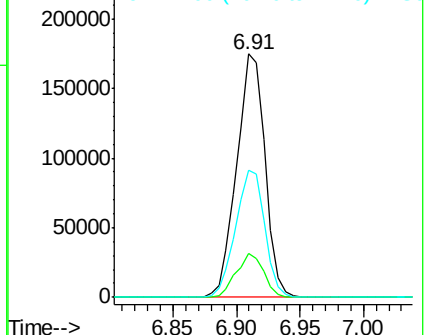
71 52.0 42.8 64.2



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.51 min Scan# 1331

Delta R.T. -0.00 min

Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

Tgt Ion: 136 Resp: 104413

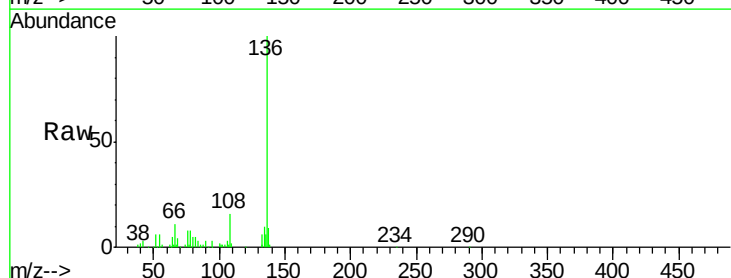
Ion Ratio Lower Upper

136 100

137 9.2 9.6 14.4#

54 6.5 4.5 6.7

68 4.3 5.0 7.4#

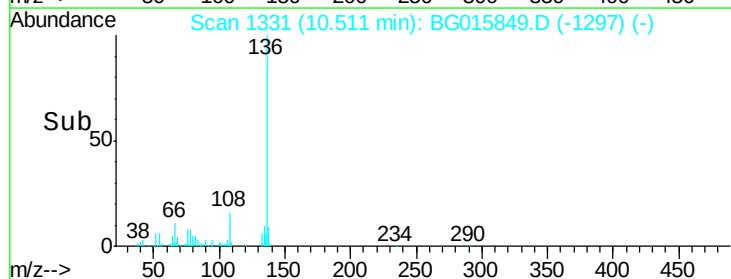
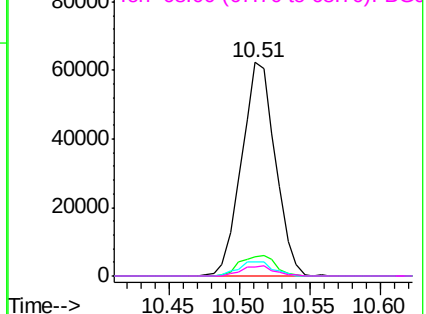


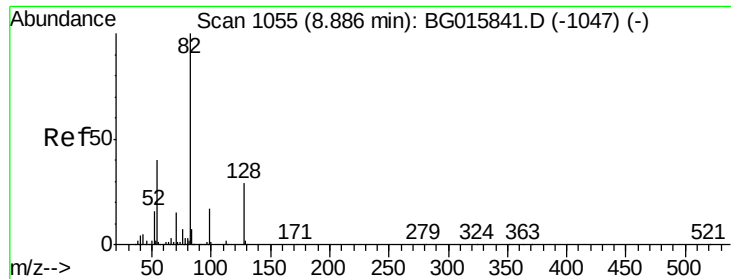
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

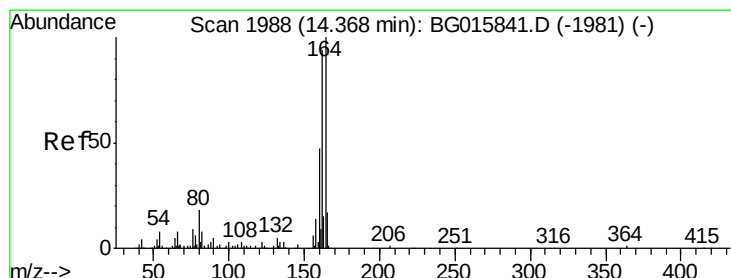
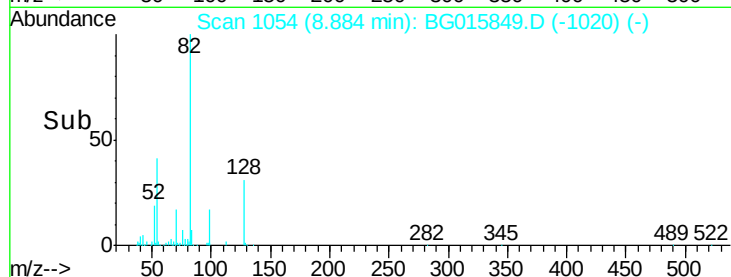
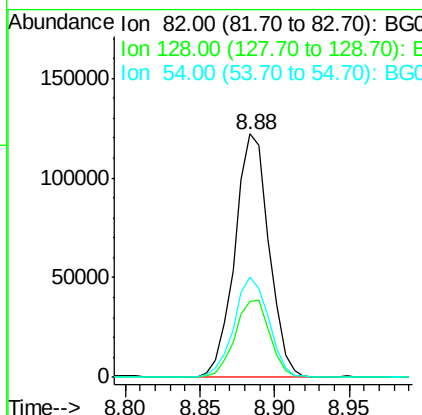
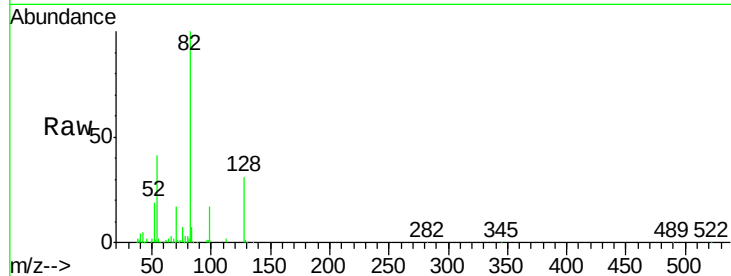




#23
 Nitrobenzene-d5
 Concen: 36.58 ng
 RT: 8.88 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BG015849.D
 Acq: 5 Jan 2015 19:01

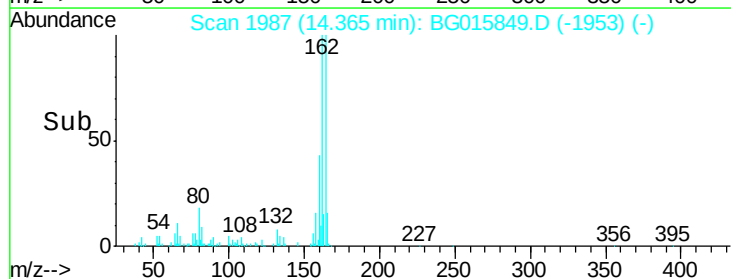
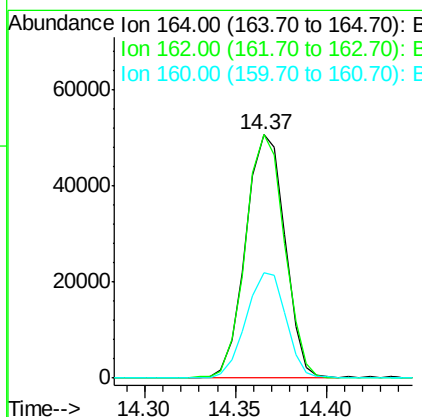
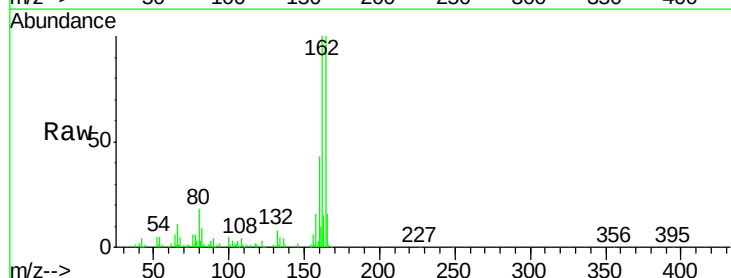
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

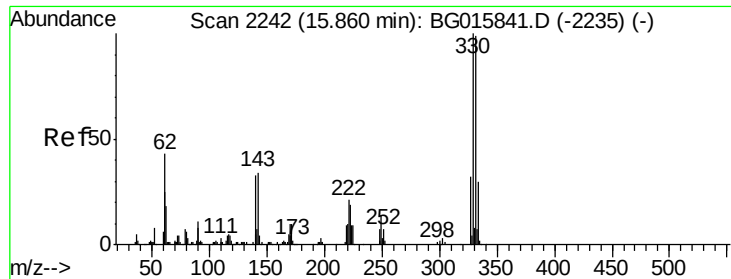
Tgt Ion: 82 Resp: 194674
 Ion Ratio Lower Upper
 82 100
 128 31.2 23.4 35.0
 54 41.2 32.3 48.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.37 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG015849.D
 Acq: 5 Jan 2015 19:01

Tgt Ion: 164 Resp: 76146
 Ion Ratio Lower Upper
 164 100
 162 100.1 75.5 113.3
 160 43.4 37.4 56.0

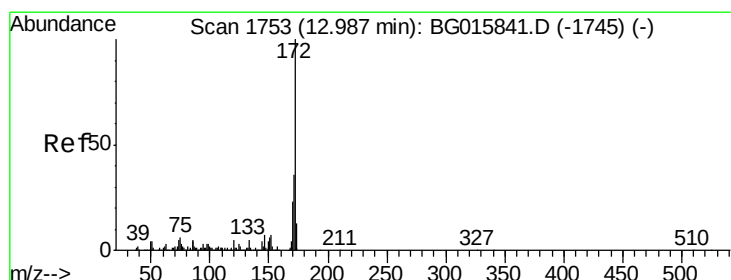
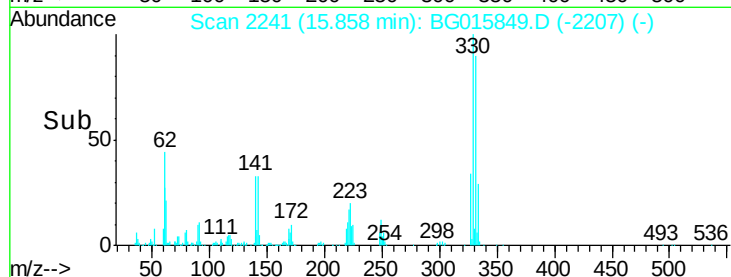
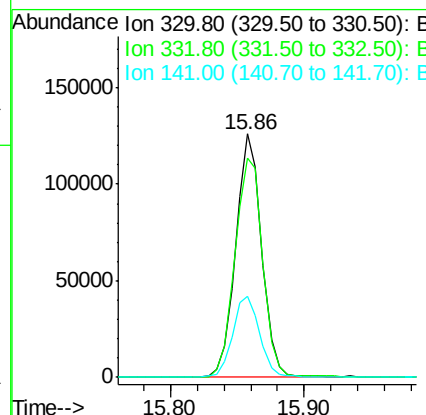
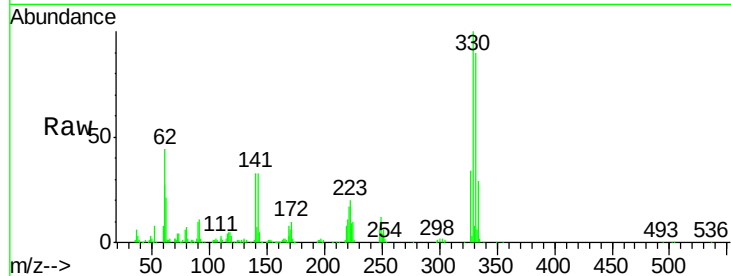




#41
 2,4,6-Tribromophenol
 Concen: 58.97 ng
 RT: 15.86 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: BG015849.D
 Acq: 5 Jan 2015 19:01

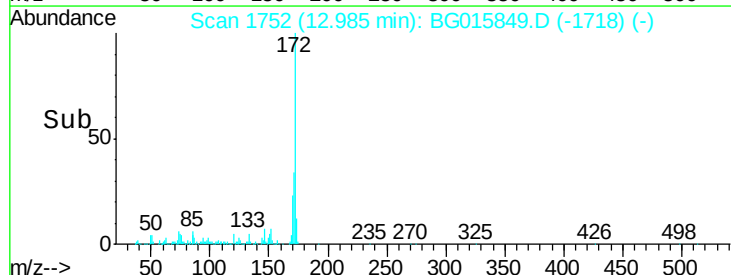
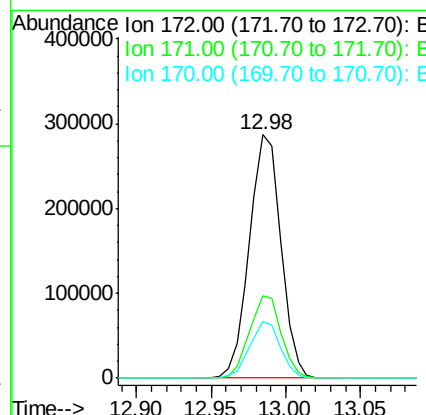
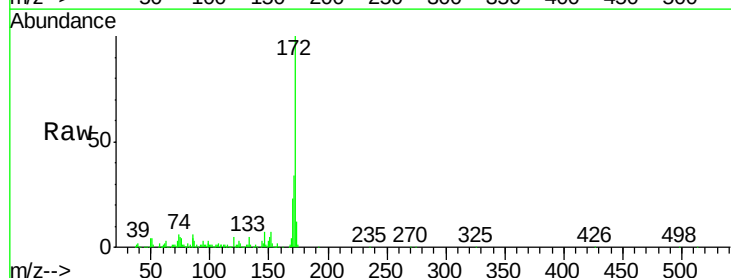
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

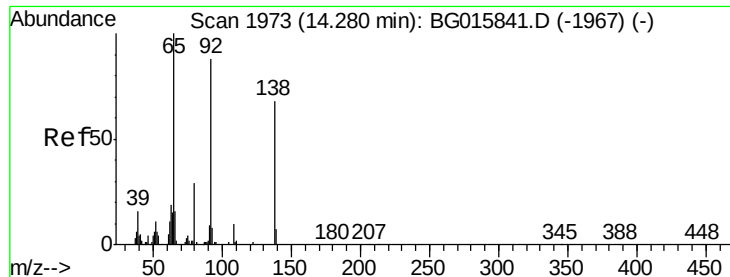
Tgt Ion:330 Resp: 170678
 Ion Ratio Lower Upper
 330 100
 332 97.1 73.8 110.8
 141 35.0 27.2 40.8



#44
 2-Fluorobiphenyl
 Concen: 39.13 ng
 RT: 12.98 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: BG015849.D
 Acq: 5 Jan 2015 19:01

Tgt Ion:172 Resp: 417131
 Ion Ratio Lower Upper
 172 100
 171 34.0 28.6 43.0
 170 23.1 18.2 27.4





#52

3-Nitroaniline

Concen: 3.06 ng

RT: 14.27 min Scan# 1971

Delta R.T. -0.01 min

Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

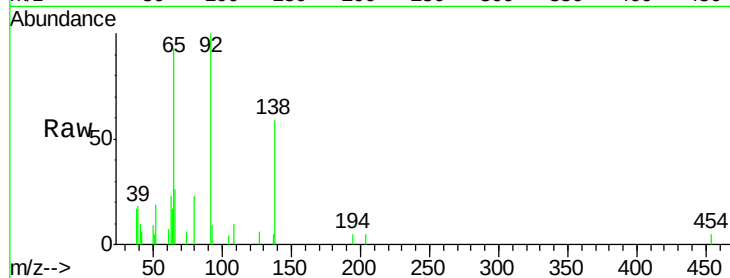
Tgt Ion:138 Resp: 3524

Ion Ratio Lower Upper

138 100

108 17.1 11.9 17.9

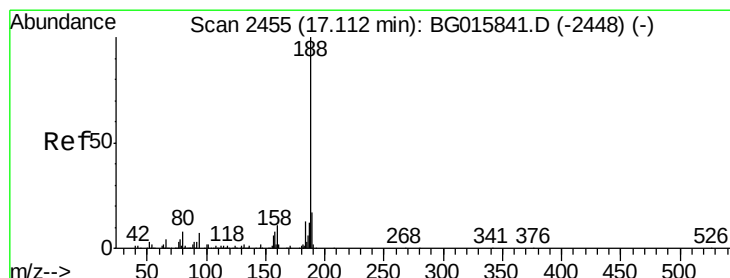
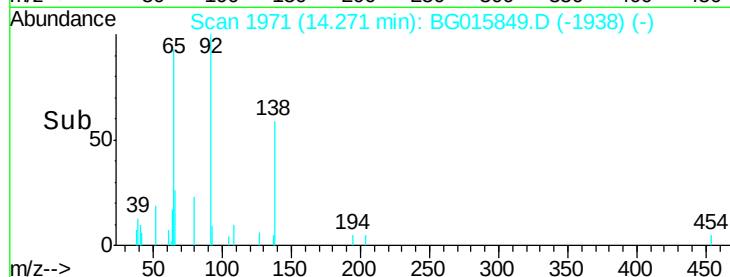
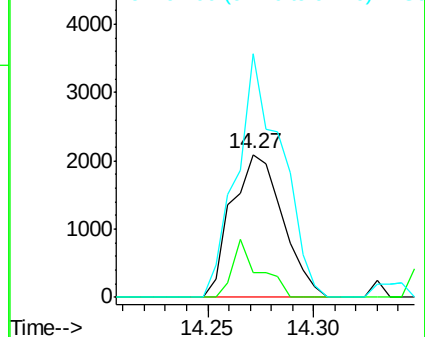
92 170.5 103.7 155.5#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.11 min Scan# 2454

Delta R.T. -0.00 min

Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

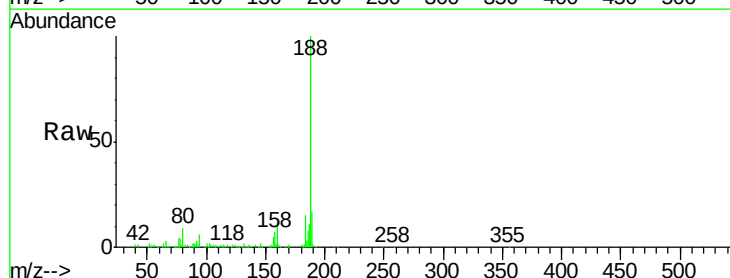
Tgt Ion:188 Resp: 192112

Ion Ratio Lower Upper

188 100

94 6.2 5.4 8.0

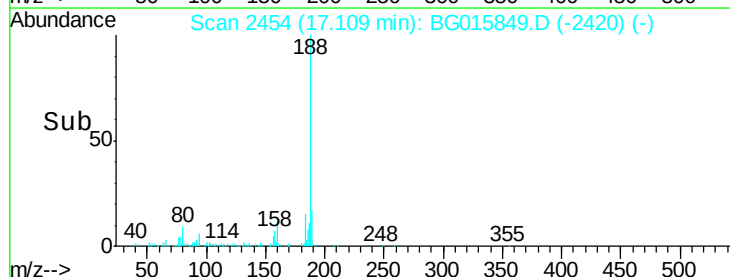
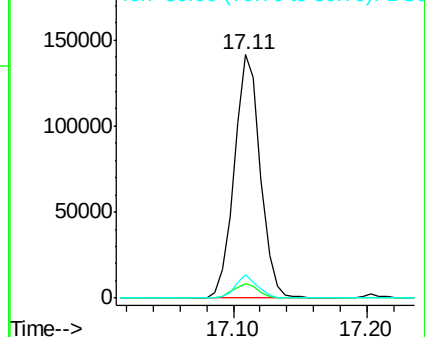
80 9.5 6.6 9.8

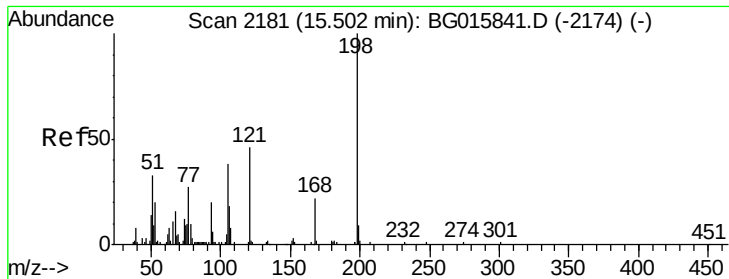


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

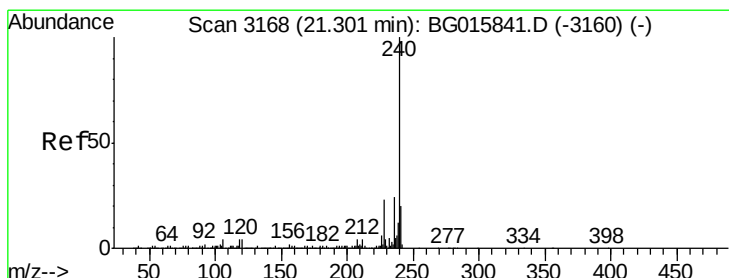
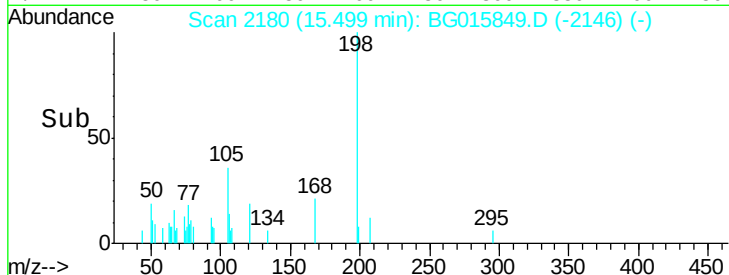
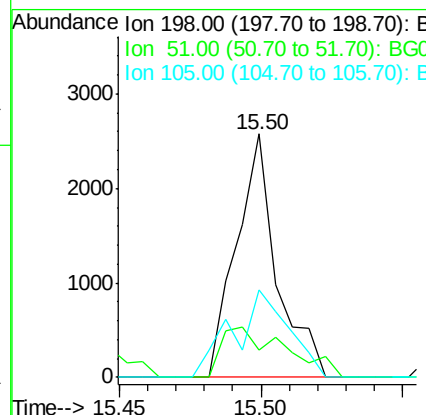
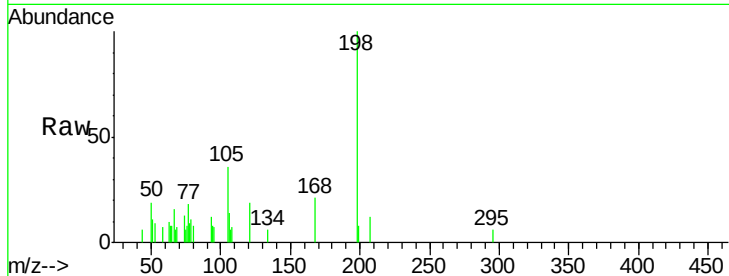




#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.22 ng
 RT: 15.50 min Scan# 2180
 Delta R.T. -0.00 min
 Lab File: BG015849.D
 Acq: 5 Jan 2015 19:01

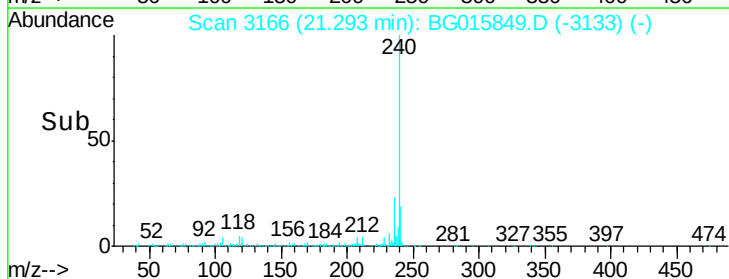
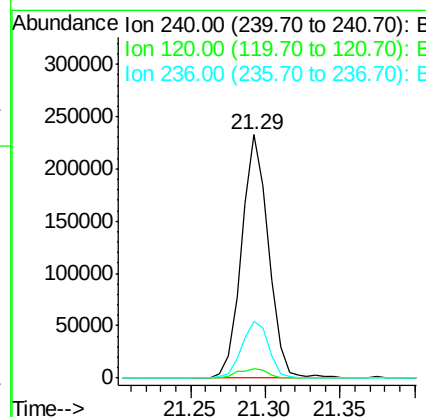
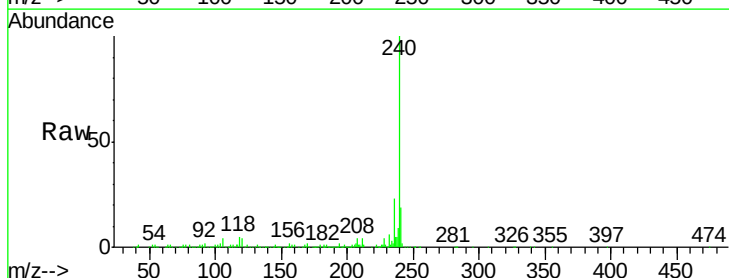
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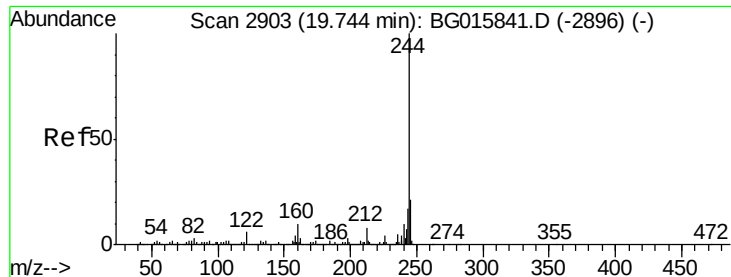
Tgt Ion:198 Resp: 2553
 Ion Ratio Lower Upper
 198 100
 51 11.4 13.6 53.6#
 105 35.7 17.9 57.9



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.29 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BG015849.D
 Acq: 5 Jan 2015 19:01

Tgt Ion:240 Resp: 291079
 Ion Ratio Lower Upper
 240 100
 120 3.8 3.4 5.2
 236 23.5 19.0 28.6





#78

Terphenyl-d14

Concen: 37.67 ng

RT: 19.74 min Scan# 2902

Delta R.T. -0.00 min

Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

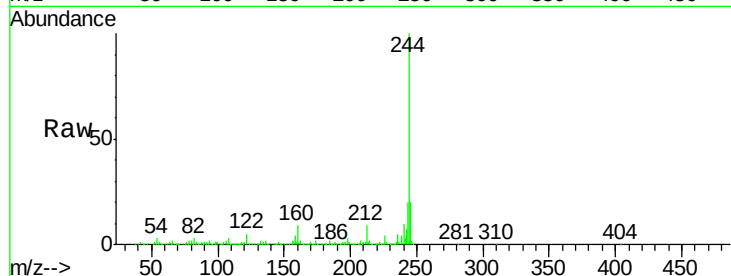
Tgt Ion:244 Resp: 981210

Ion Ratio Lower Upper

244 100

212 8.6 6.6 9.8

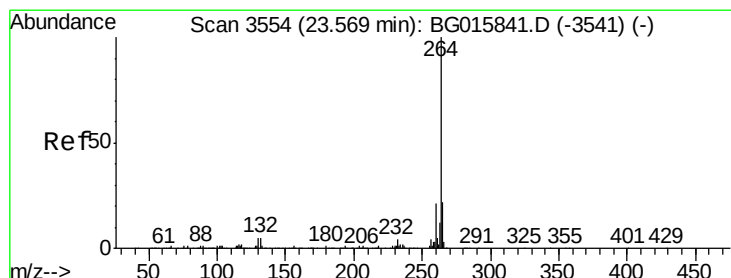
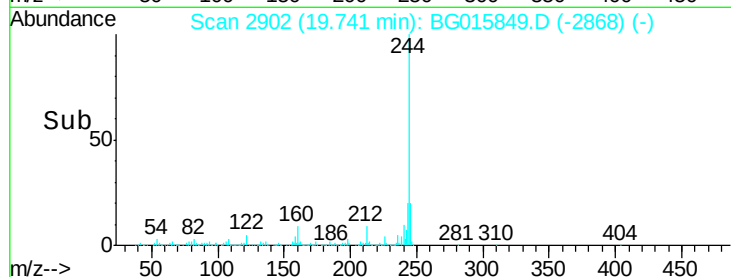
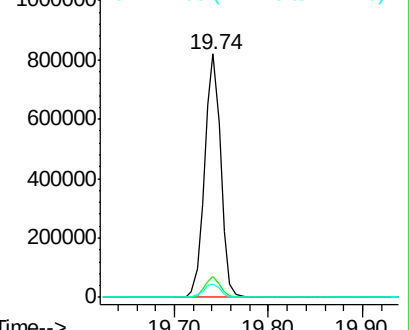
122 5.5 4.7 7.1



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: 23.56 min Scan# 3552

Delta R.T. -0.01 min

Lab File: BG015849.D

Acq: 5 Jan 2015 19:01

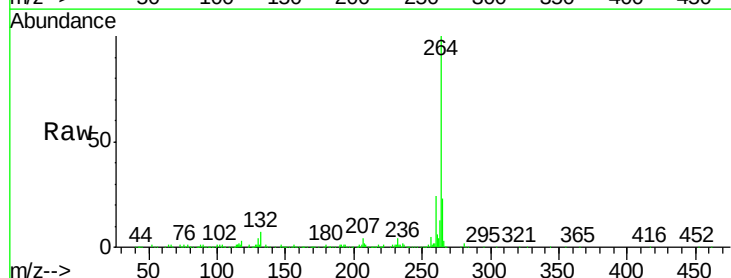
Tgt Ion:264 Resp: 276423

Ion Ratio Lower Upper

264 100

260 23.8 17.0 25.4

265 23.3 17.4 26.0



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

