

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062215\
 Data File : BG017749.D
 Acq On : 22 Jun 2015 17:27
 Operator : TP/IZ
 Sample : G2653-03
 Misc : LOD-SVOC-SOIL-5PPM
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Quant Time: Jun 23 12:46:53 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

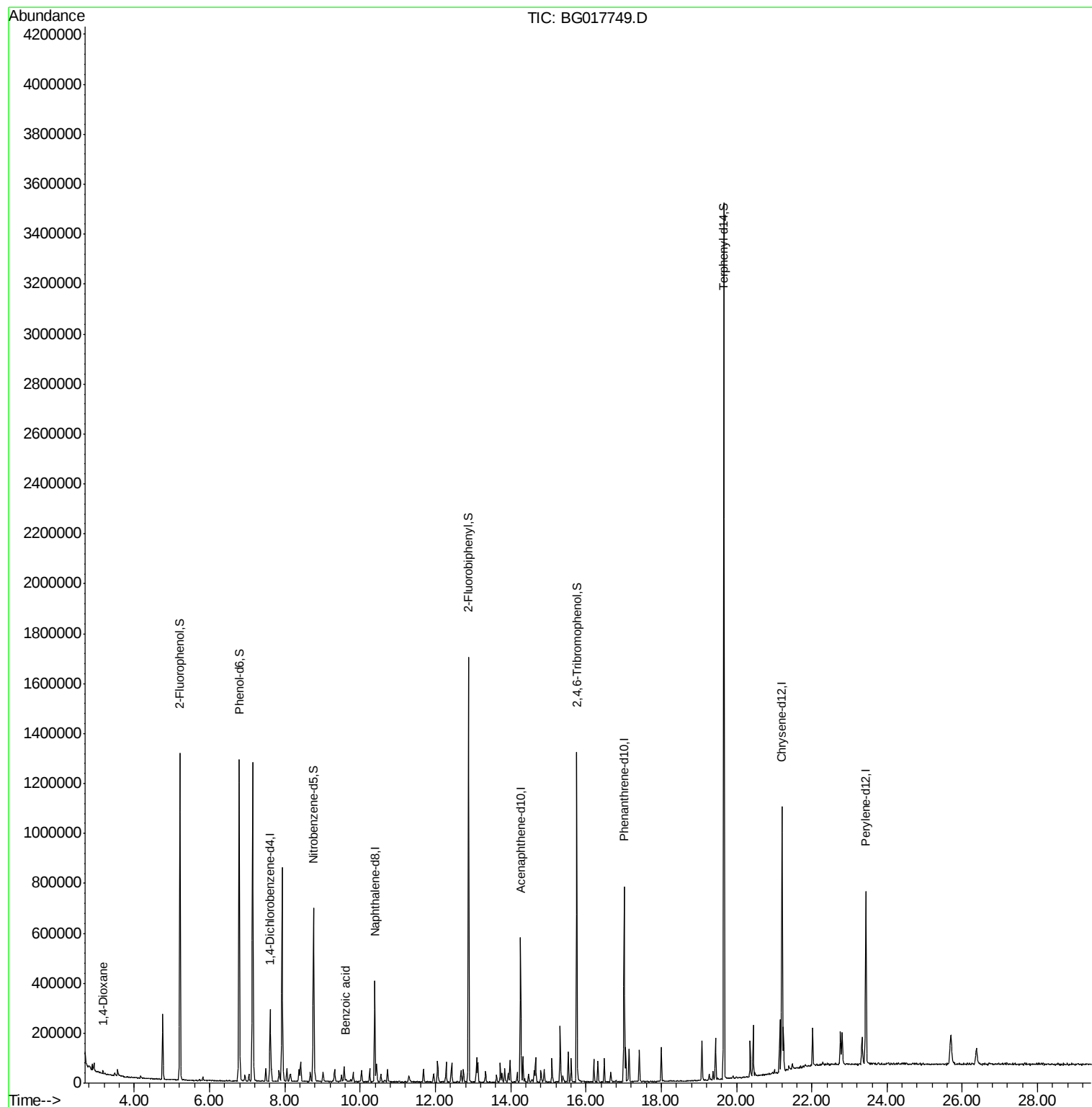
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	70177	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	306546	20.00	ng	0.00
38) Acenaphthene-d10	14.26	164	182994	20.00	ng	0.00
63) Phenanthrene-d10	17.01	188	407958	20.00	ng	-0.02
75) Chrysene-d12	21.21	240	444405	20.00	ng	-0.02
86) Perylene-d12	23.44	264	410622	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	469232	117.34	ng	0.00
7) Phenol-d6	6.79	99	636233	113.20	ng	0.00
23) Nitrobenzene-d5	8.77	82	386960	72.61	ng	0.00
41) 2,4,6-Tribromophenol	15.76	330	168284	99.18	ng	-0.02
44) 2-Fluorobiphenyl	12.88	172	777942	69.04	ng	-0.02
78) Terphenyl-d14	19.66	244	1290738	66.00	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.17	88	5565	3.19	ng	Qvalue # 64
32) Benzoic acid	9.62	122	3483m	8.85	ng	

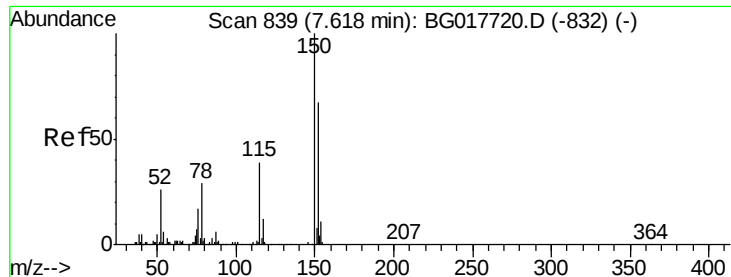
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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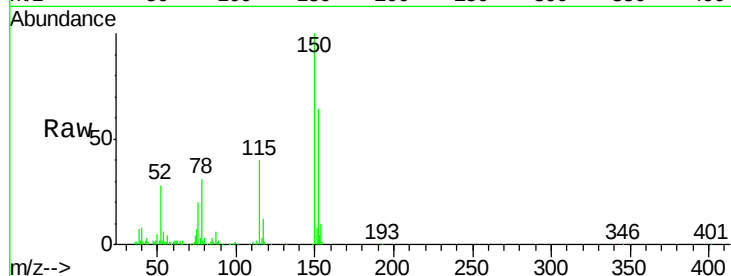


#1

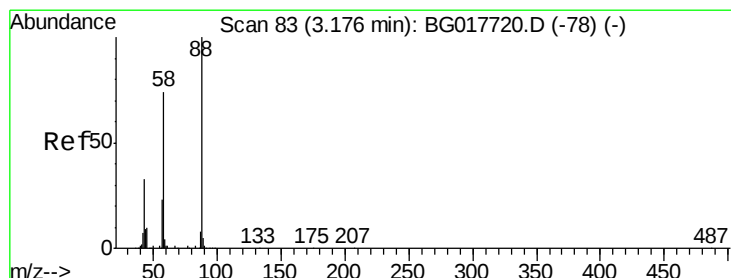
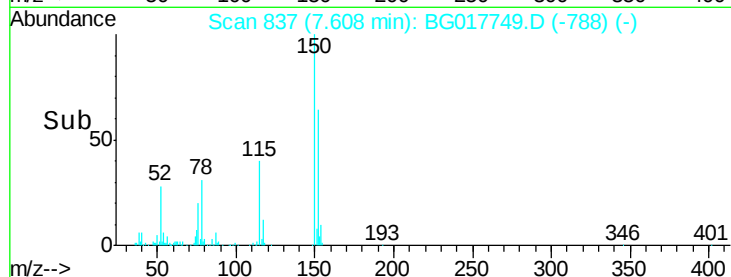
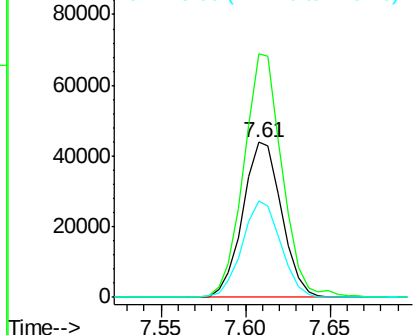
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.61 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG017749.D
Acq: 22 Jun 2015 17:27

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:152 Resp: 70177
Ion Ratio Lower Upper
152 100
150 157.3 119.1 178.7
115 62.5 47.0 70.4



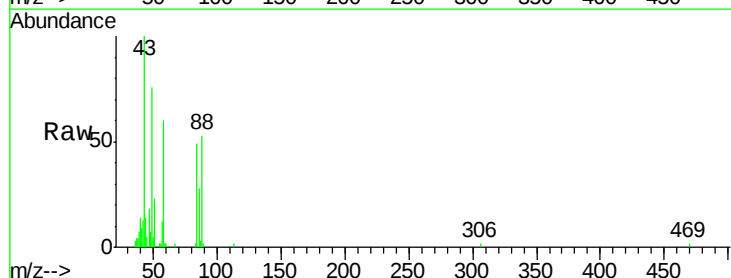
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



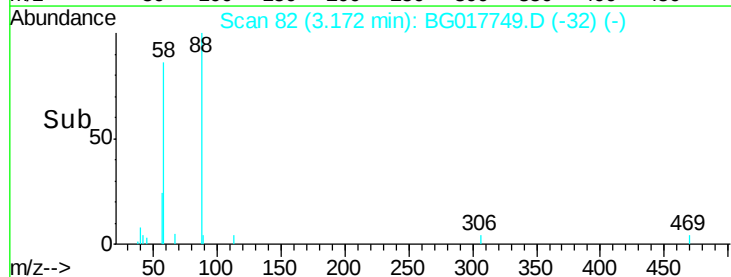
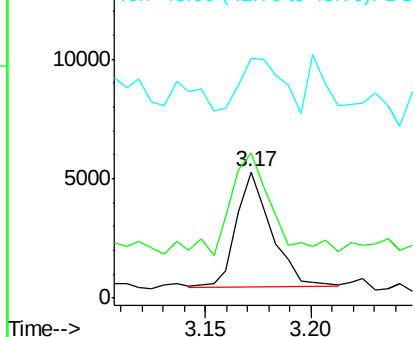
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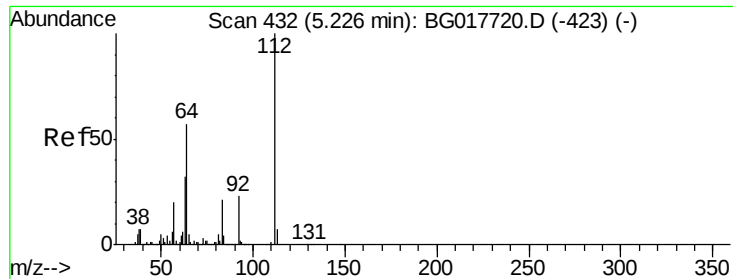
1,4-Dioxane
Concen: 3.19 ng
RT: 3.17 min Scan# 82
Delta R.T. -0.00 min
Lab File: BG017749.D
Acq: 22 Jun 2015 17:27

Tgt Ion: 88 Resp: 5565
Ion Ratio Lower Upper
88 100
58 98.0 55.8 83.8#
43 57.4 27.4 41.2#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 117.34 ng

RT: 5.22 min Scan# 430

Delta R.T. -0.01 min

Lab File: BG017749.D

Acq: 22 Jun 2015 17:27

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

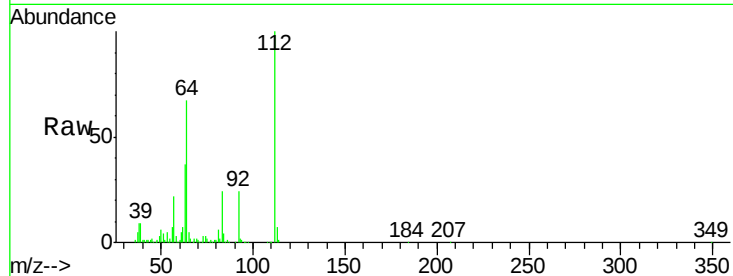
Tgt Ion:112 Resp: 469232

Ion Ratio Lower Upper

112 100

64 66.7 45.4 68.0

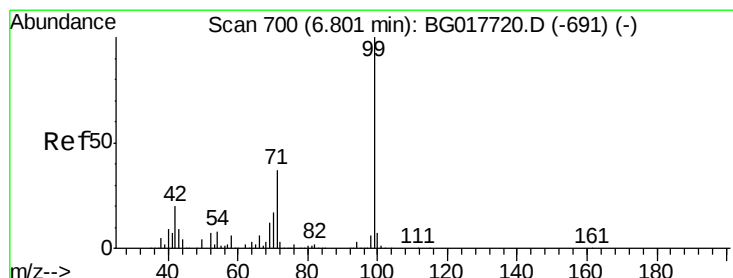
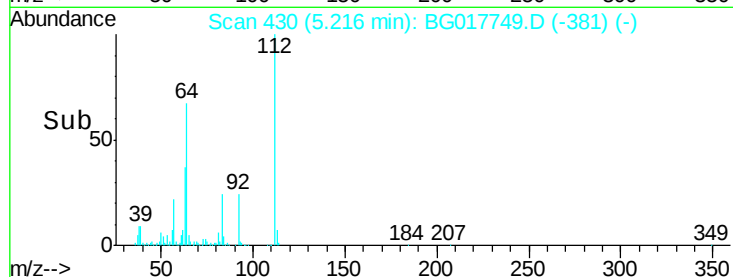
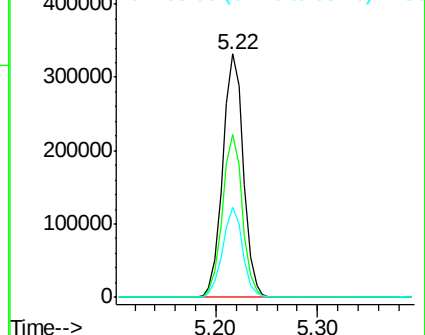
63 37.0 25.3 37.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 113.20 ng

RT: 6.79 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG017749.D

Acq: 22 Jun 2015 17:27

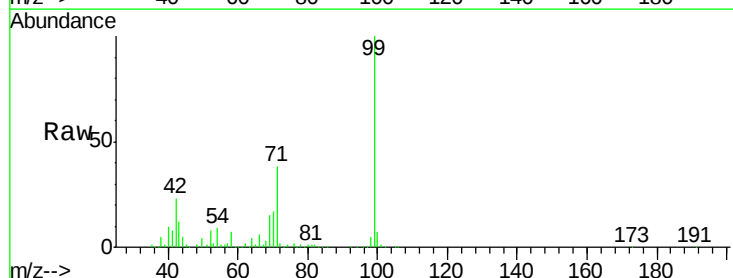
Tgt Ion: 99 Resp: 636233

Ion Ratio Lower Upper

99 100

42 23.1 16.2 24.4

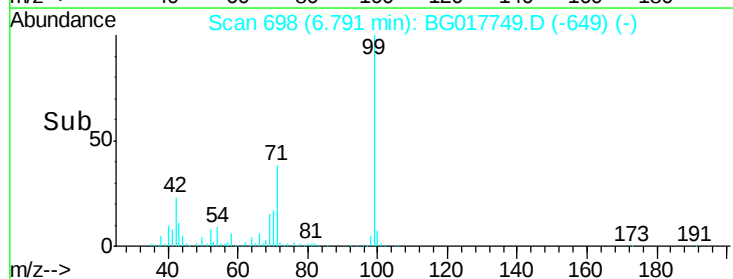
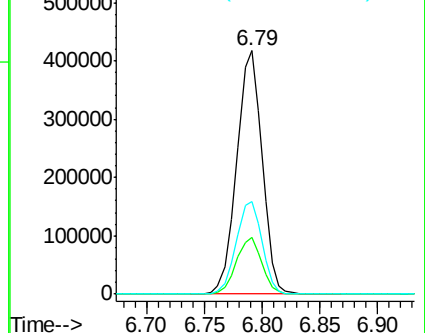
71 38.2 29.5 44.3

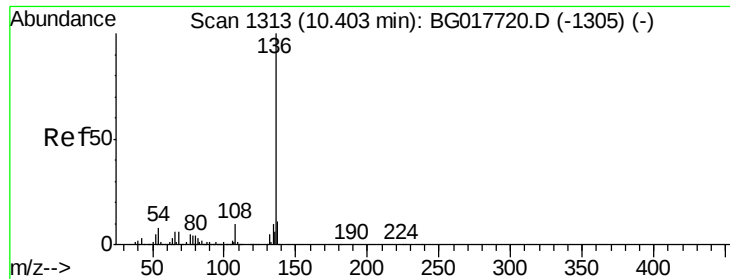


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

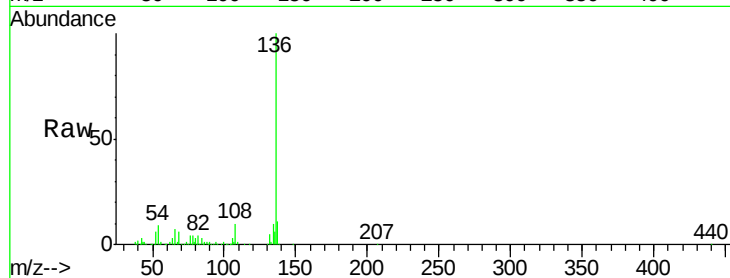




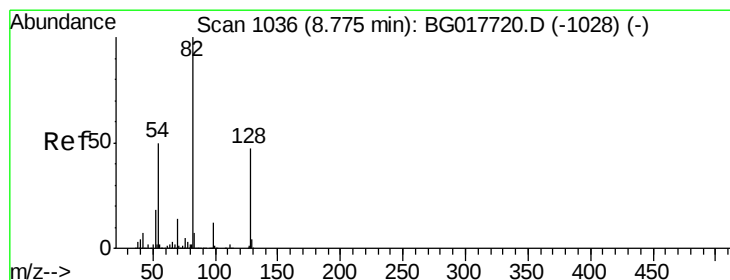
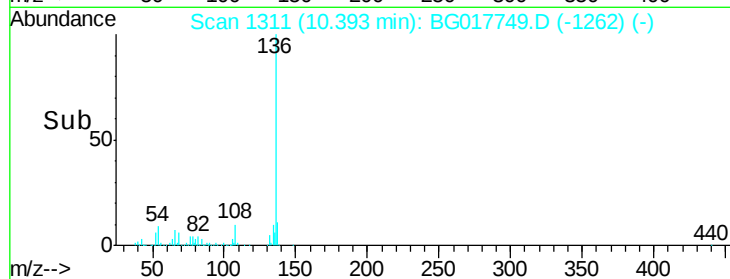
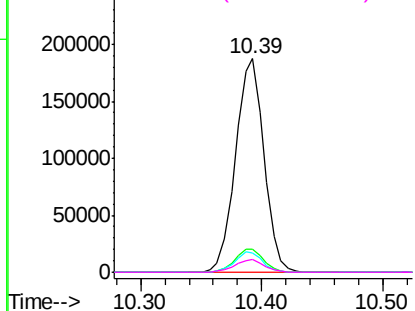
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.39 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BG017749.D
Acq: 22 Jun 2015 17:27

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:	136	Resp:	306546
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.0	6.6	9.8
68	6.2	5.1	7.7

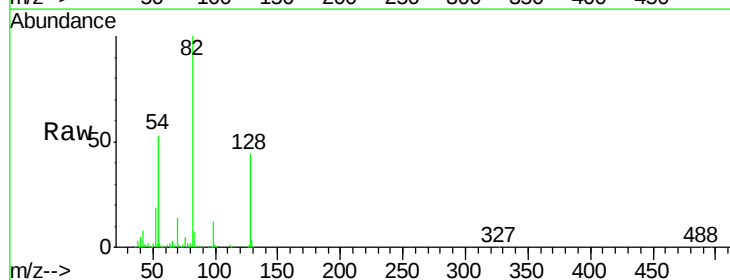


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

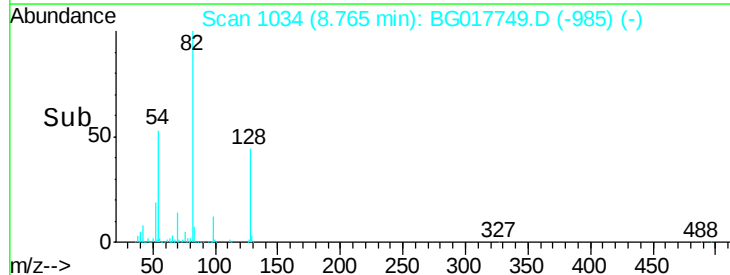
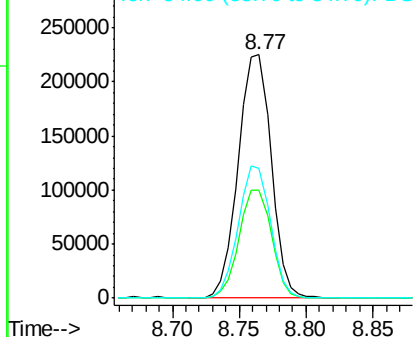


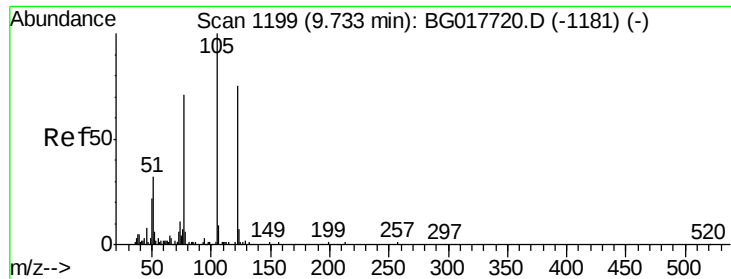
#23
Nitrobenzene-d5
Concen: 72.61 ng
RT: 8.77 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG017749.D
Acq: 22 Jun 2015 17:27

Tgt Ion:	82	Resp:	386960
Ion	Ratio	Lower	Upper
82	100		
128	44.1	37.8	56.6
54	53.5	39.9	59.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC

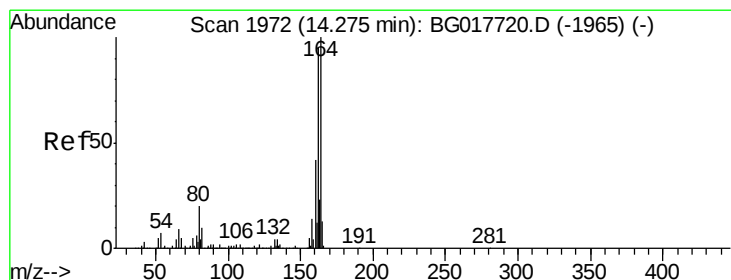
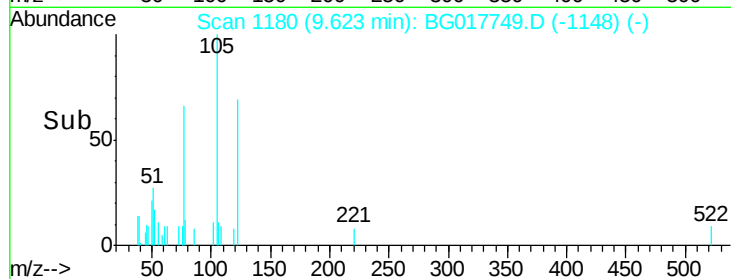
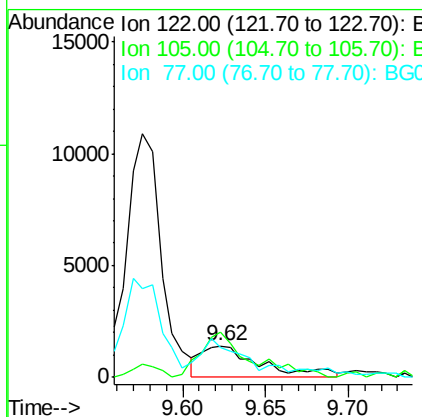
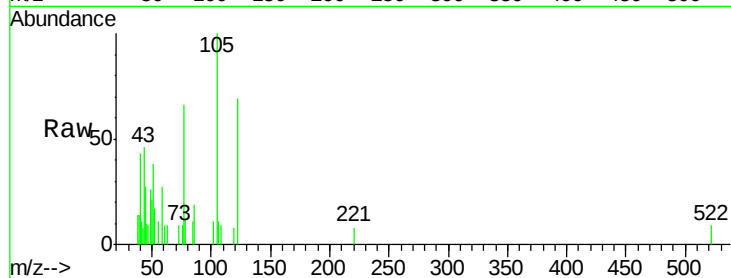




#32
Benzoic acid
Concen: 8.85 ng m
RT: 9.62 min Scan# 1180
Delta R.T. -0.11 min
Lab File: BG017749.D
Acq: 22 Jun 2015 17:27

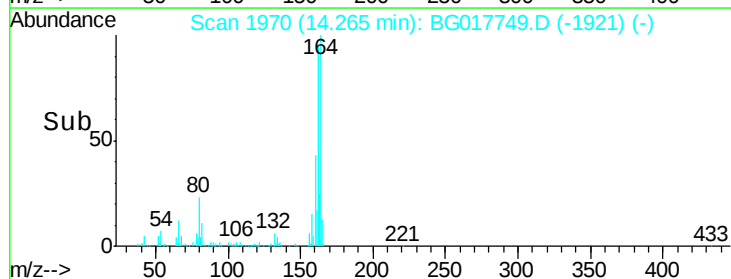
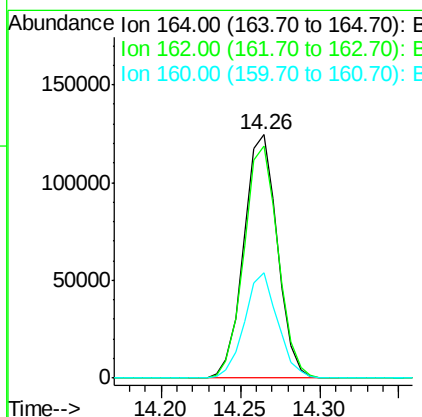
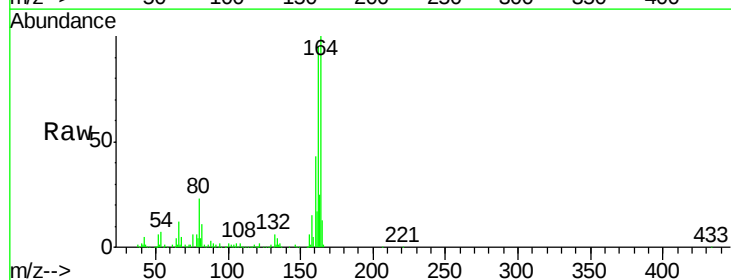
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

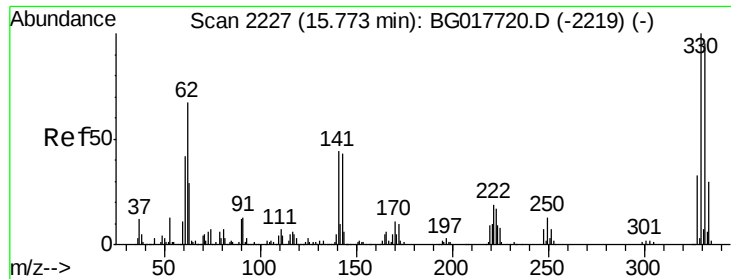
Tgt Ion:122 Resp: 3483
Ion Ratio Lower Upper
122 100
105 145.7 111.3 151.3
77 96.0 75.2 115.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.26 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG017749.D
Acq: 22 Jun 2015 17:27

Tgt Ion:164 Resp: 182994
Ion Ratio Lower Upper
164 100
162 95.1 76.3 114.5
160 43.0 33.7 50.5

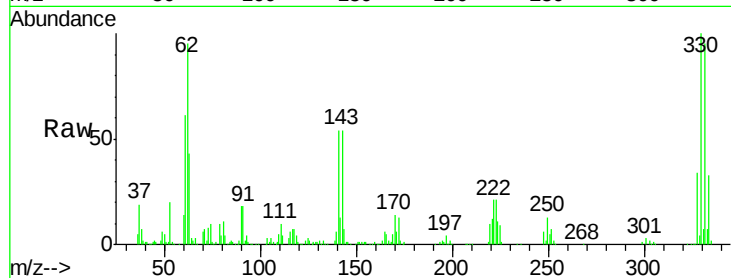




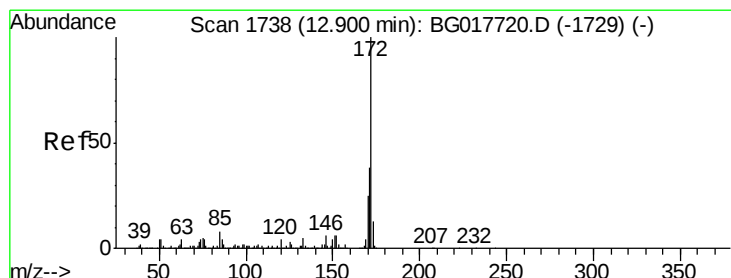
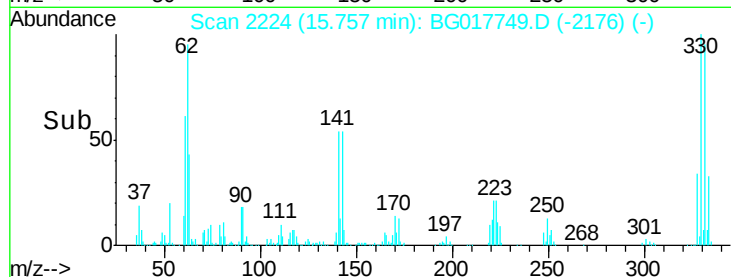
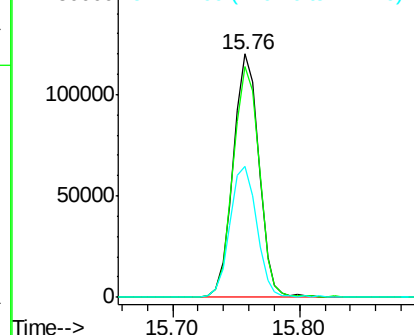
#41
 2,4,6-Tribromophenol
 Concen: 99.18 ng
 RT: 15.76 min Scan# 2224
 Delta R.T. -0.02 min
 Lab File: BG017749.D
 Acq: 22 Jun 2015 17:27

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion:330 Resp: 168284
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.8 115.2
 141 56.3 38.0 57.0

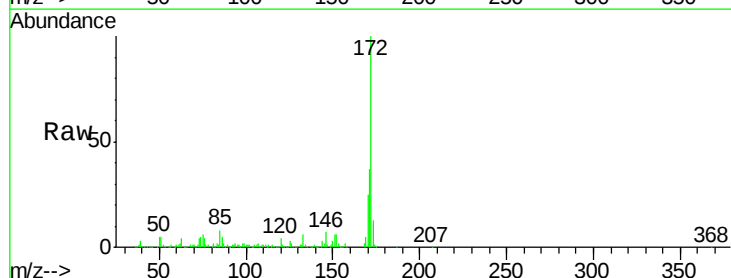


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

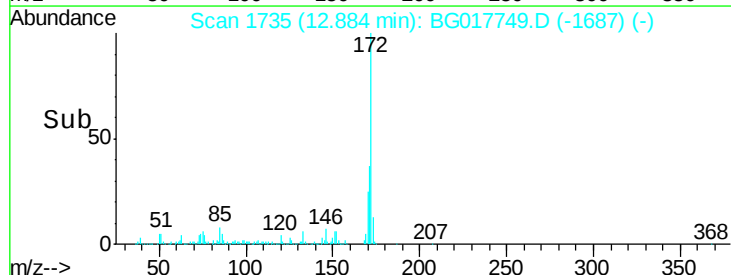
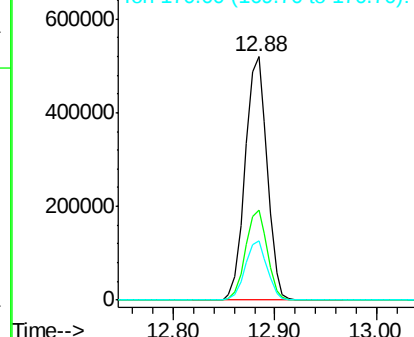


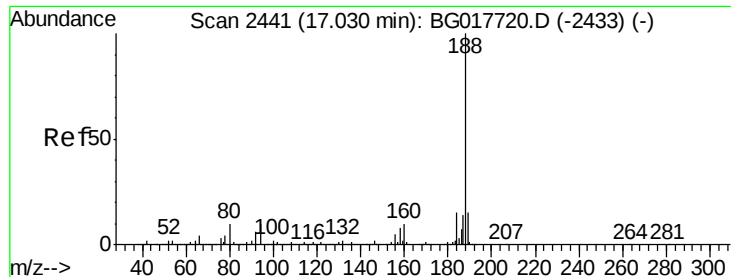
#44
 2-Fluorobiphenyl
 Concen: 69.04 ng
 RT: 12.88 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG017749.D
 Acq: 22 Jun 2015 17:27

Tgt Ion:172 Resp: 777942
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.7 46.1
 170 24.5 19.7 29.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

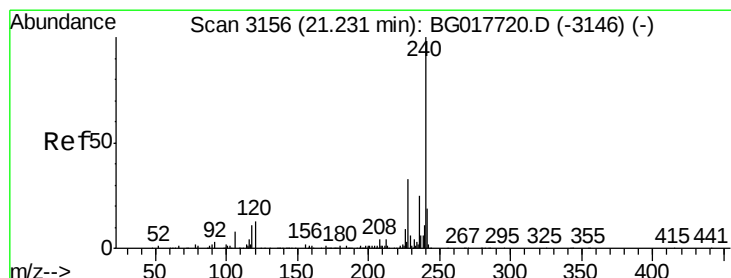
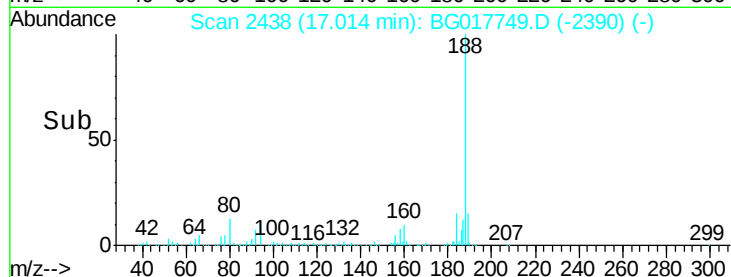
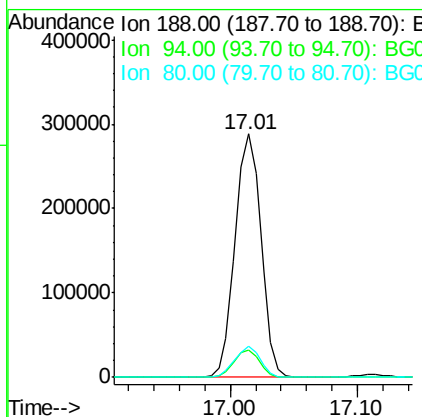
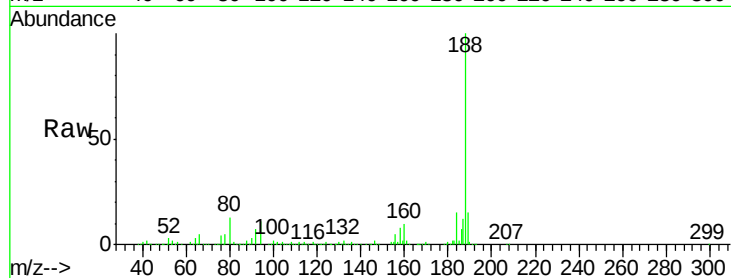




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.01 min Scan# 2438
Delta R.T. -0.02 min
Lab File: BG017749.D
Acq: 22 Jun 2015 17:27

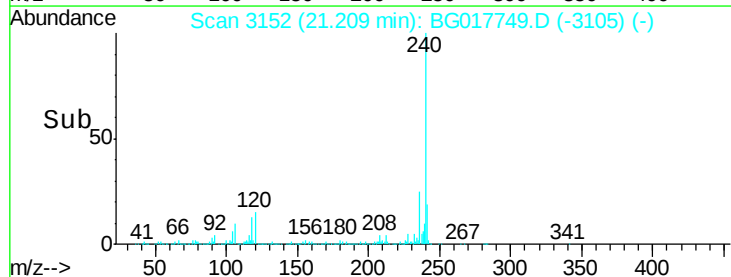
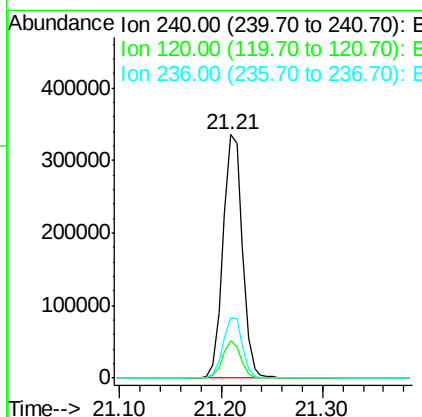
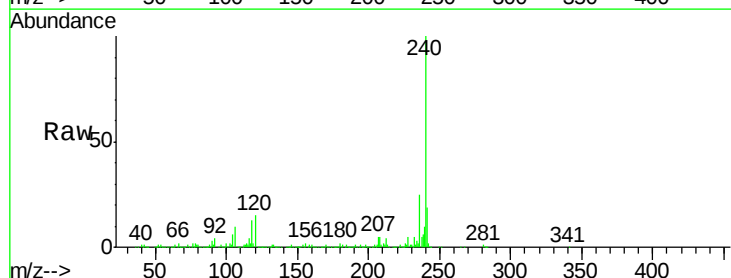
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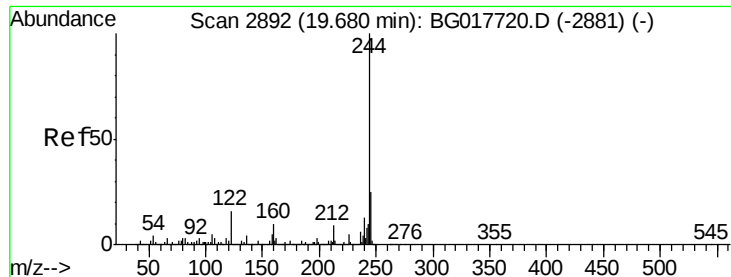
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.2	12.2
80	12.8	8.2	12.4



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.21 min Scan# 3152
Delta R.T. -0.02 min
Lab File: BG017749.D
Acq: 22 Jun 2015 17:27

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.3	10.8	16.2
236	25.1	20.0	30.0





#78

Terphenyl-d14

Concen: 66.00 ng

RT: 19.66 min Scan# 2889

Delta R.T. -0.02 min

Lab File: BG017749.D

Acq: 22 Jun 2015 17:27

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

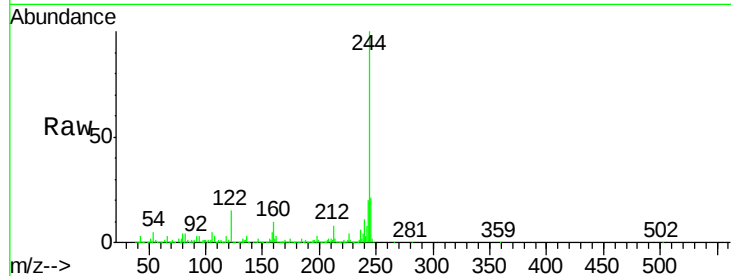
Tgt Ion:244 Resp: 1290738

Ion Ratio Lower Upper

244 100

212 8.4 7.2 10.8

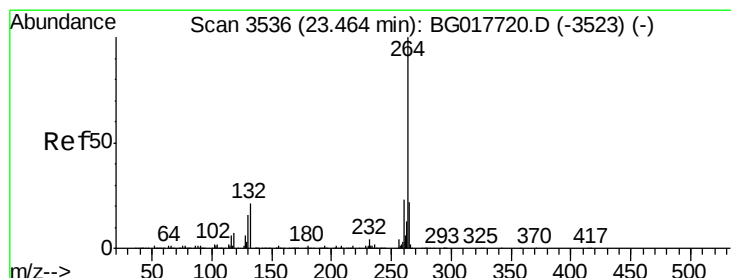
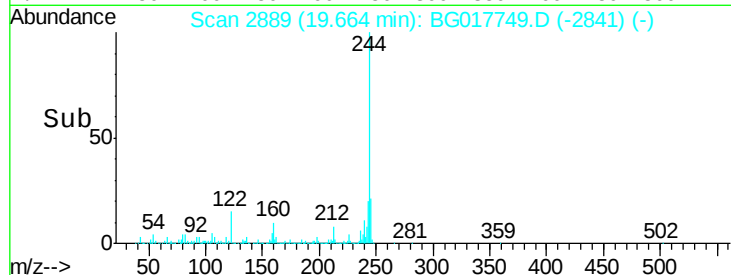
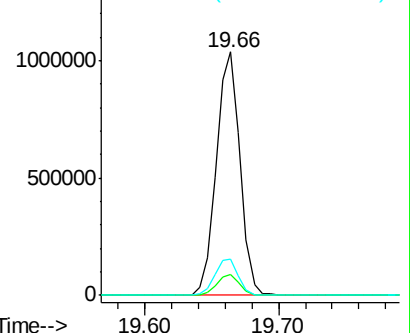
122 14.7 12.8 19.2



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: 23.44 min Scan# 3531

Delta R.T. -0.03 min

Lab File: BG017749.D

Acq: 22 Jun 2015 17:27

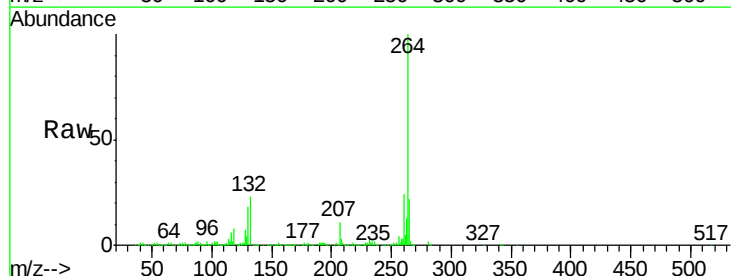
Tgt Ion:264 Resp: 410622

Ion Ratio Lower Upper

264 100

260 24.3 18.6 27.8

265 22.0 18.2 27.2



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

