

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
 Data File : BG016522.D
 Acq On : 18 Apr 2015 13:32
 Operator : TP/IZ
 Sample : G1891-11
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-69D

Quant Time: Apr 20 02:41:19 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 02:16:57 2015
 Response via : Initial Calibration

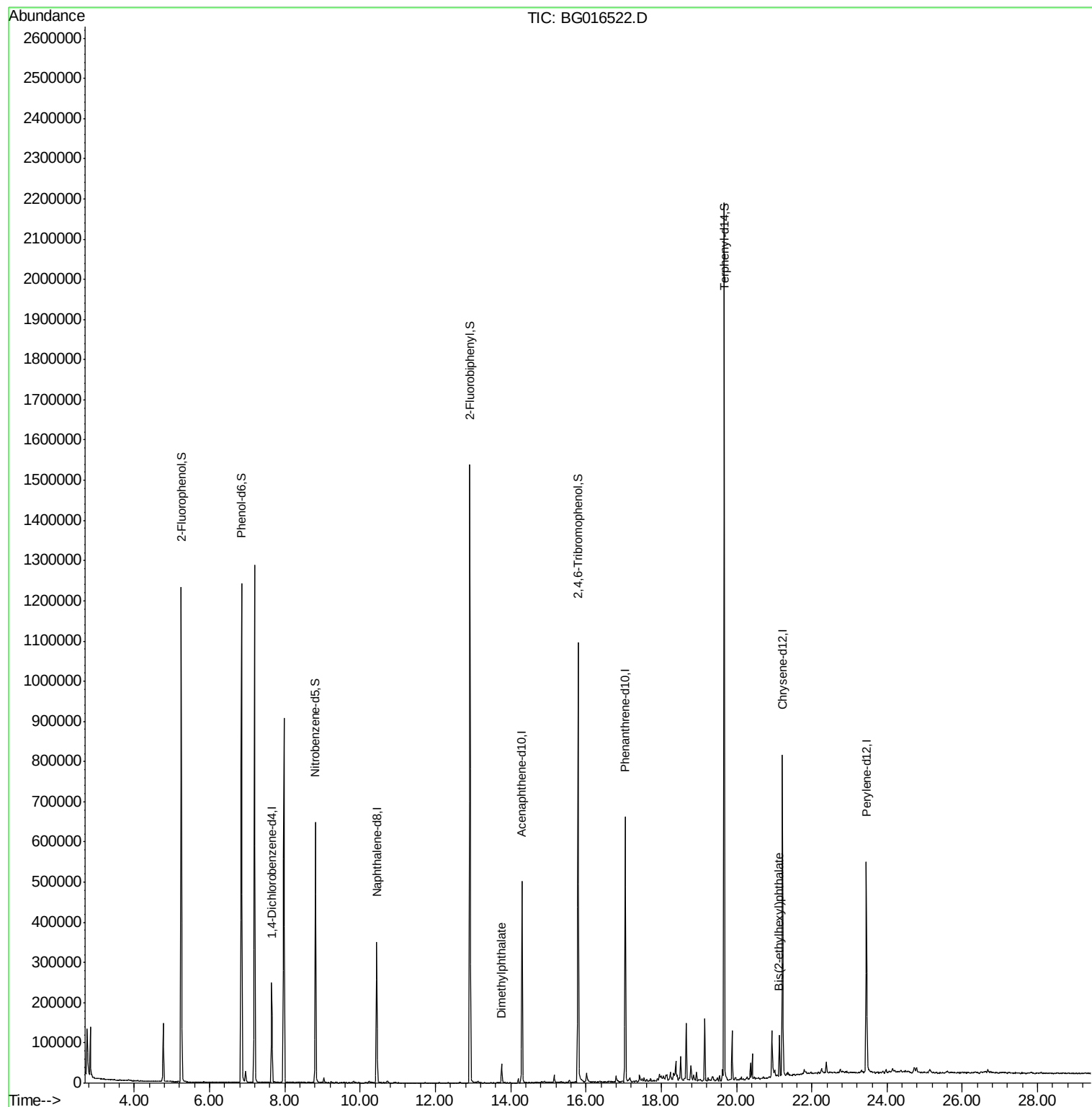
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	69777	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	300649	20.00	ng	0.00
38) Acenaphthene-d10	14.30	164	170585	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	355272	20.00	ng	0.00
75) Chrysene-d12	21.22	240	317646	20.00	ng	0.00
86) Perylene-d12	23.45	264	297198	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	591511	133.79	ng	0.00
7) Phenol-d6	6.85	99	810924	122.18	ng	0.00
23) Nitrobenzene-d5	8.82	82	390051	75.16	ng	0.00
41) 2,4,6-Tribromophenol	15.79	330	147448	127.81	ng	0.00
44) 2-Fluorobiphenyl	12.92	172	766811	76.53	ng	0.00
78) Terphenyl-d14	19.67	244	846066	62.34	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.76	163	35876	2.87	ng	96
83) Bis(2-ethylhexyl)phthalate	21.14	149	32387	2.20	ng	99

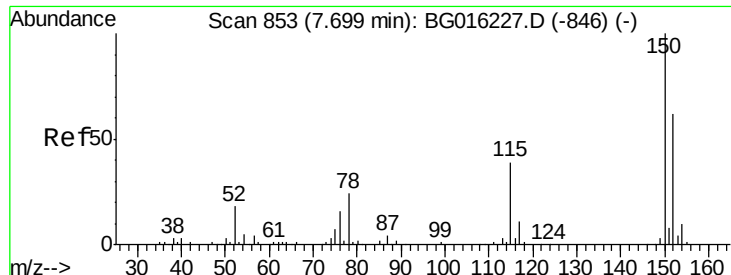
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.66 min Scan# 846

Delta R.T. 0.00 min

Lab File: BG016522.D

Acq: 18 Apr 2015 13:32

Instrument :

BNA_G

ClientSampleId :

SB-69D

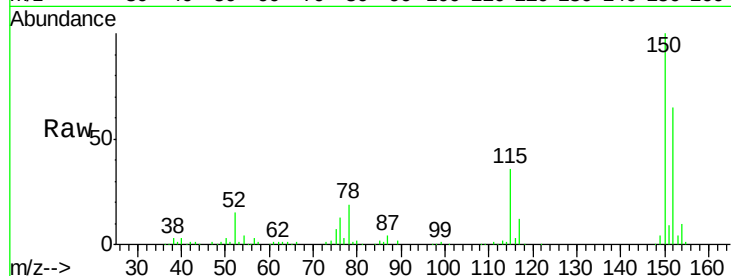
Tgt Ion:152 Resp: 69777

Ion Ratio Lower Upper

152 100

150 153.4 130.1 195.1

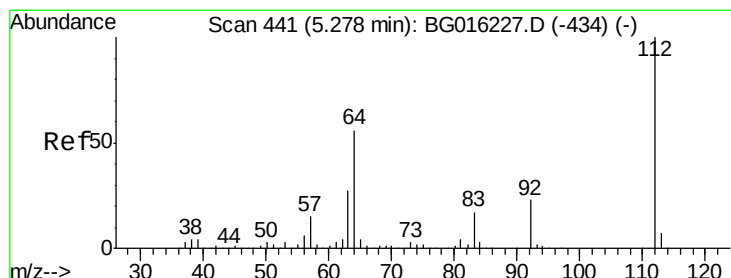
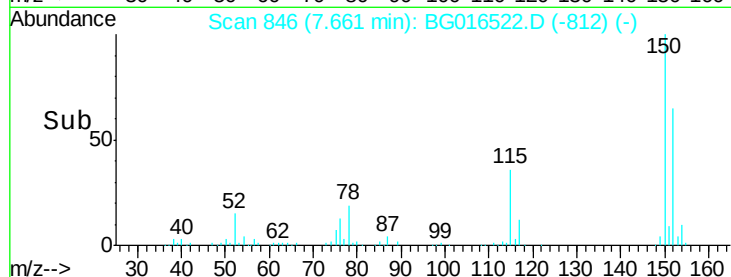
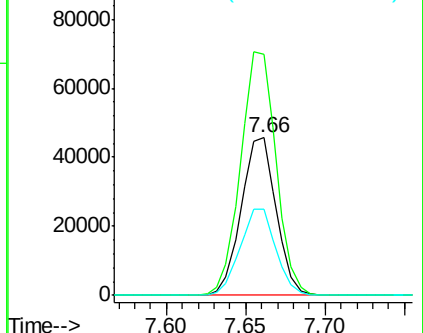
115 54.5 50.5 75.7



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: 133.79 ng

RT: 5.25 min Scan# 436

Delta R.T. 0.00 min

Lab File: BG016522.D

Acq: 18 Apr 2015 13:32

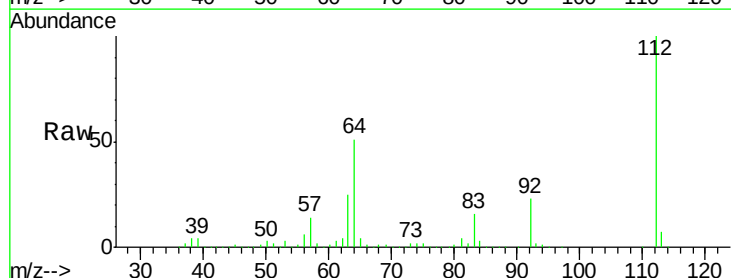
Tgt Ion:112 Resp: 591511

Ion Ratio Lower Upper

112 100

64 51.3 44.5 66.7

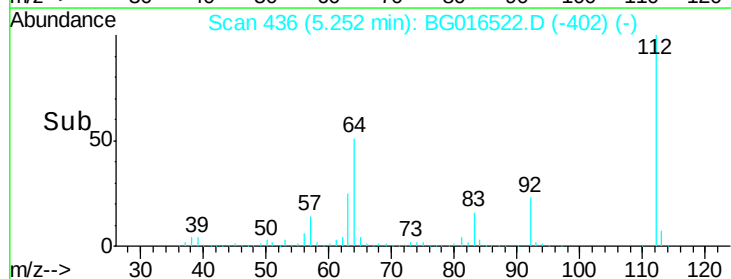
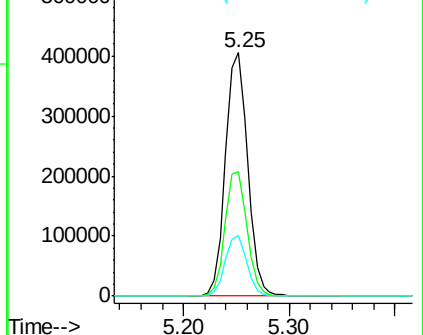
63 24.7 21.4 32.0

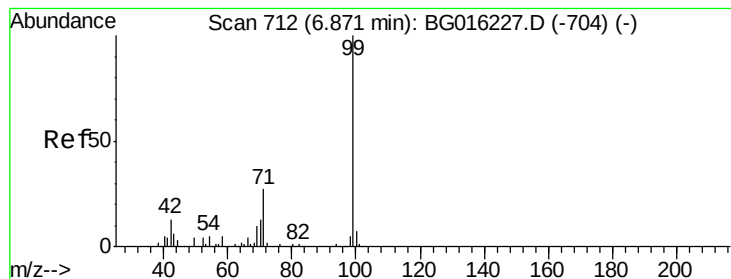


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 122.18 ng

RT: 6.85 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG016522.D

Acq: 18 Apr 2015 13:32

Instrument :

BNA_G

ClientSampleId :

SB-69D

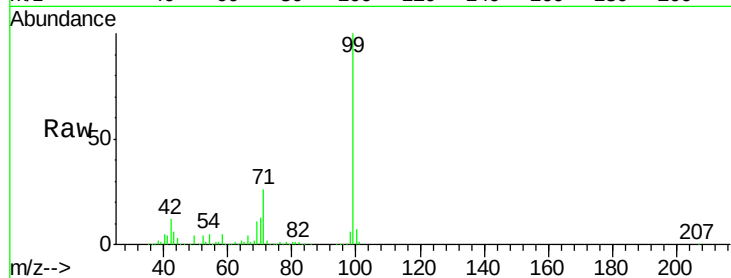
Tgt Ion: 99 Resp: 810924

Ion Ratio Lower Upper

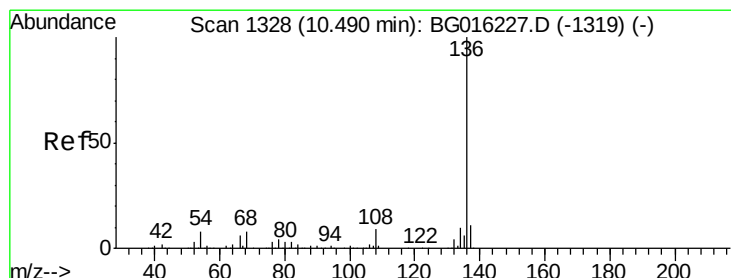
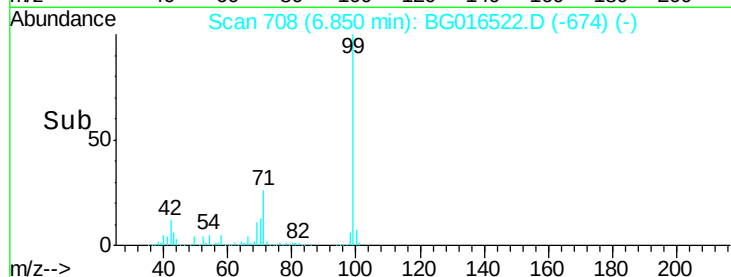
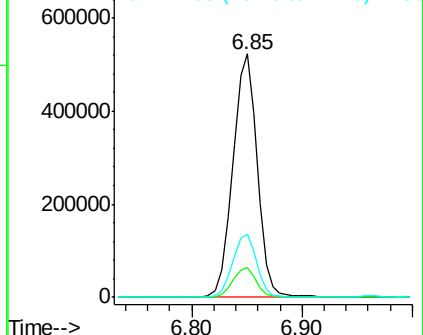
99 100

42 12.3 10.0 15.0

71 26.0 21.5 32.3



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: 10.44 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BG016522.D

Acq: 18 Apr 2015 13:32

Tgt Ion: 136 Resp: 300649

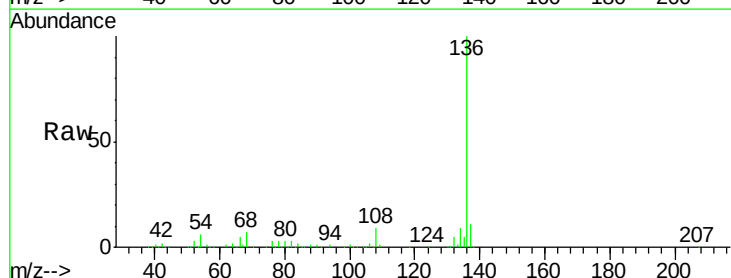
Ion Ratio Lower Upper

136 100

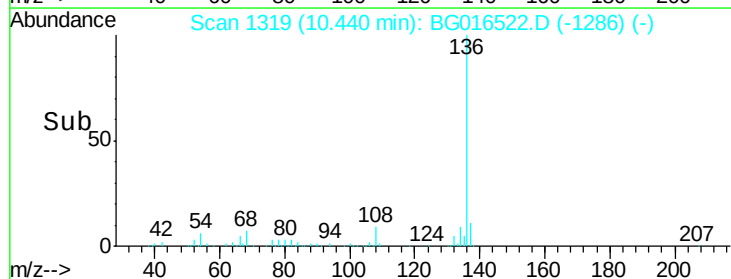
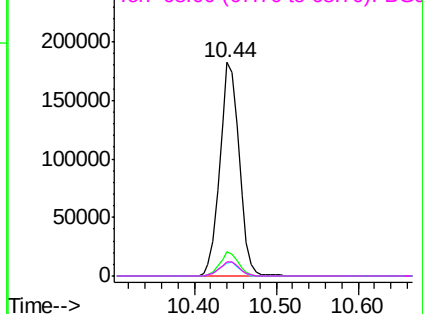
137 11.2 8.7 13.1

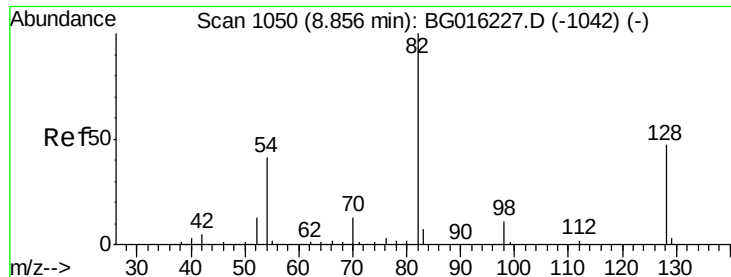
54 6.1 6.3 9.5#

68 6.8 6.5 9.7



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: 75.16 ng

RT: 8.82 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BG016522.D

Acq: 18 Apr 2015 13:32

Instrument :

BNA_G

ClientSampleId :

SB-69D

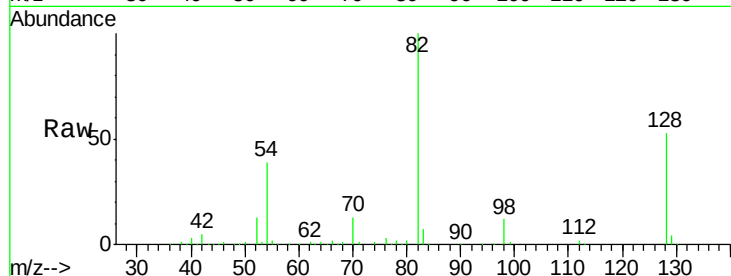
Tgt Ion: 82 Resp: 390051

Ion Ratio Lower Upper

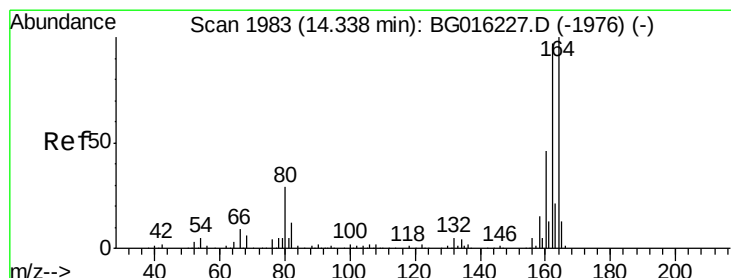
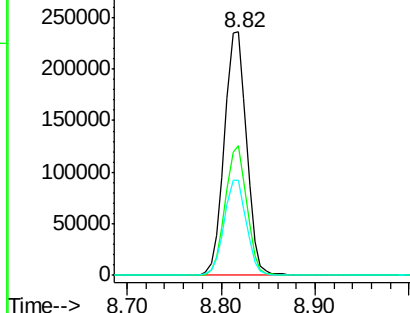
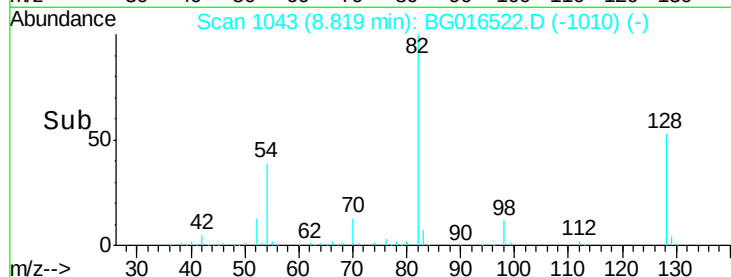
82 100

128 53.1 37.8 56.8

54 39.2 32.6 49.0



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.30 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG016522.D

Acq: 18 Apr 2015 13:32

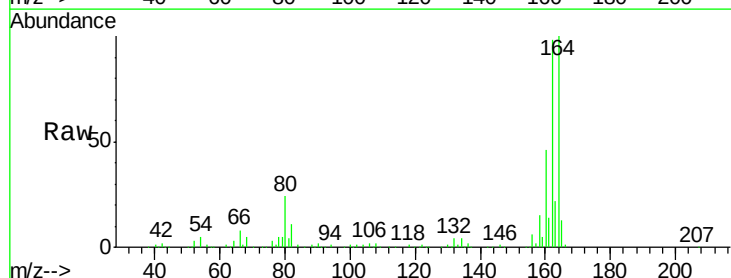
Tgt Ion: 164 Resp: 170585

Ion Ratio Lower Upper

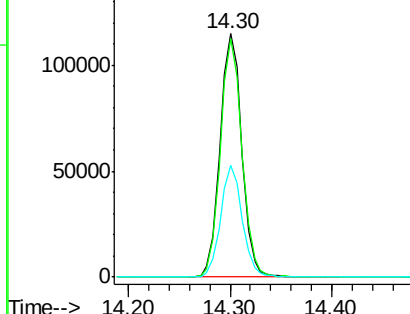
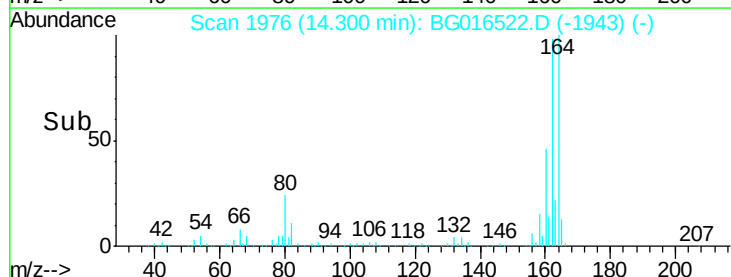
164 100

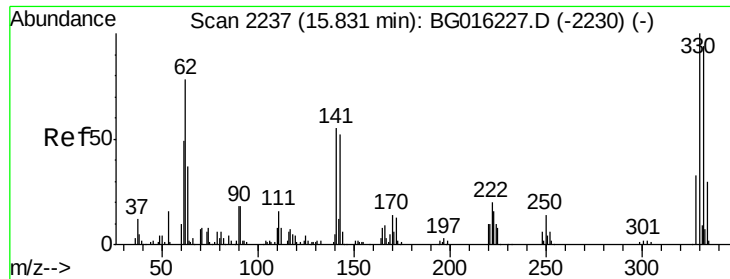
162 98.0 77.3 115.9

160 46.0 36.7 55.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

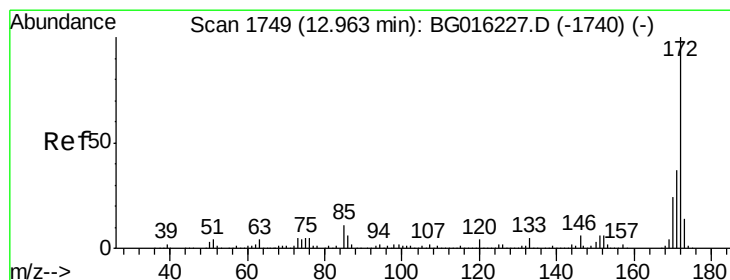
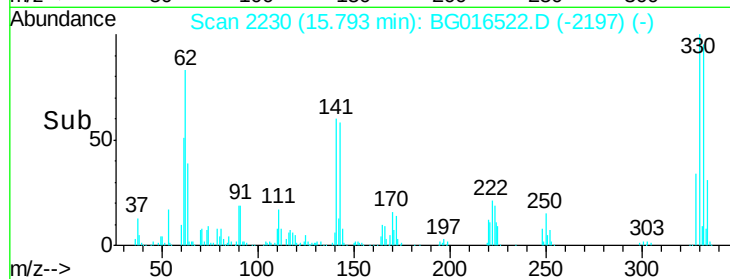
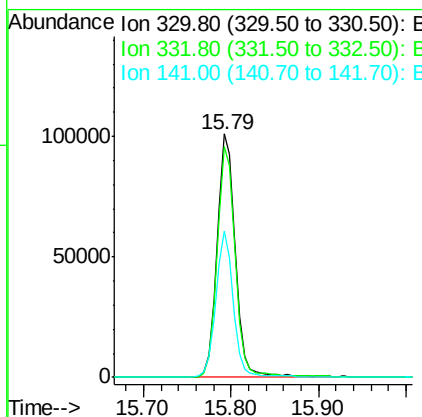
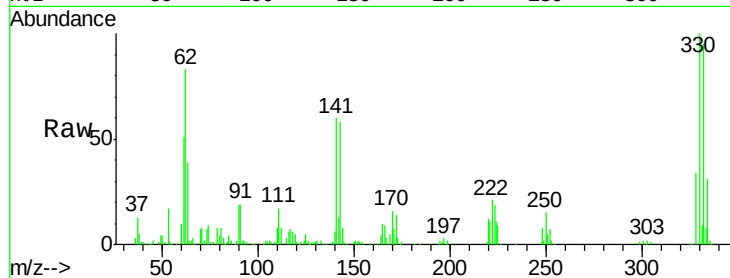




#41
 2,4,6-Tribromophenol
 Concen: 127.81 ng
 RT: 15.79 min Scan# 2230
 Delta R.T. -0.00 min
 Lab File: BG016522.D
 Acq: 18 Apr 2015 13:32

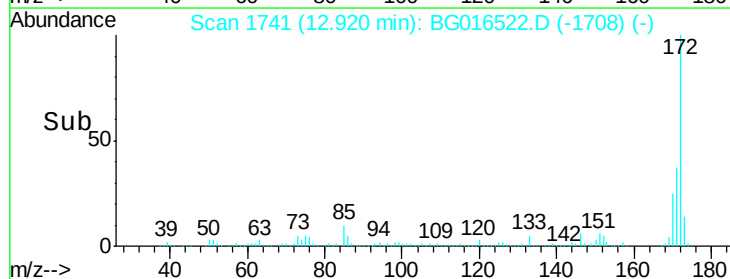
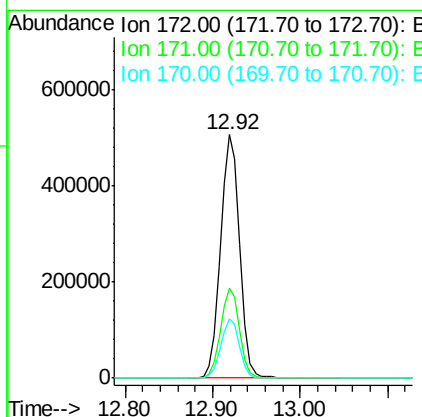
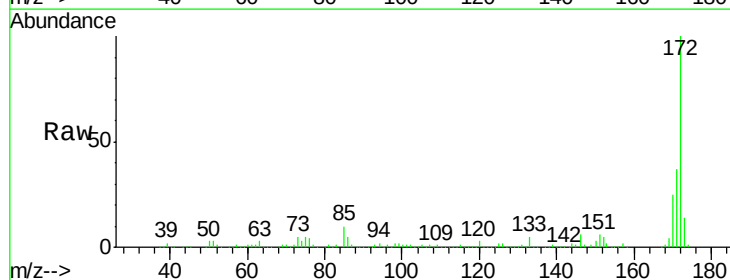
Instrument :
 BNA_G
 ClientSampleId :
 SB-69D

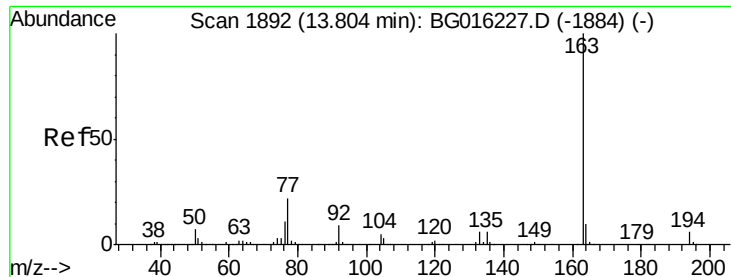
Tgt Ion:330 Resp: 147448
 Ion Ratio Lower Upper
 330 100
 332 93.6 75.8 113.6
 141 57.7 46.6 69.8



#44
 2-Fluorobiphenyl
 Concen: 76.53 ng
 RT: 12.92 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG016522.D
 Acq: 18 Apr 2015 13:32

Tgt Ion:172 Resp: 766811
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.6 44.4
 170 24.5 19.4 29.2





#49

Dimethylphthalate

Concen: 2.87 ng

RT: 13.76 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BG016522.D

Acq: 18 Apr 2015 13:32

Instrument :

BNA_G

ClientSampleId :

SB-69D

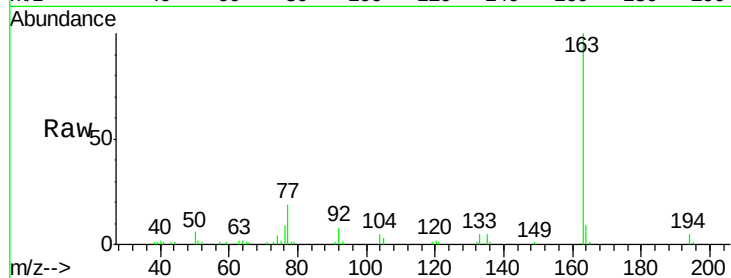
Tgt Ion:163 Resp: 35876

Ion Ratio Lower Upper

163 100

194 5.1 5.0 7.4

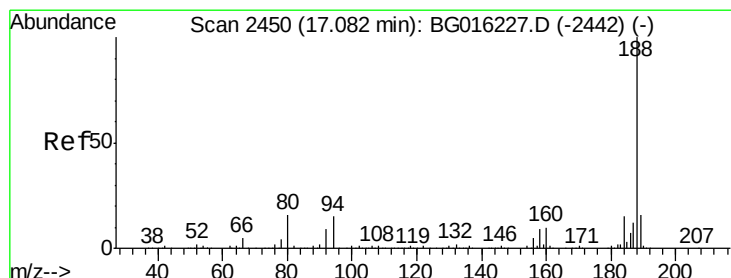
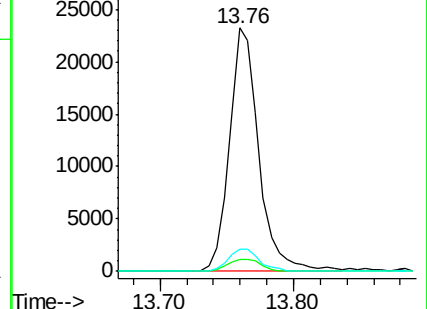
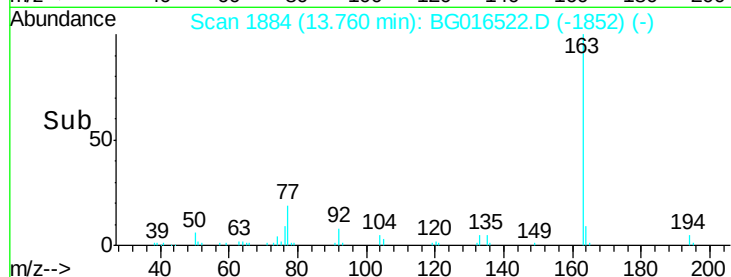
164 8.9 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.04 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG016522.D

Acq: 18 Apr 2015 13:32

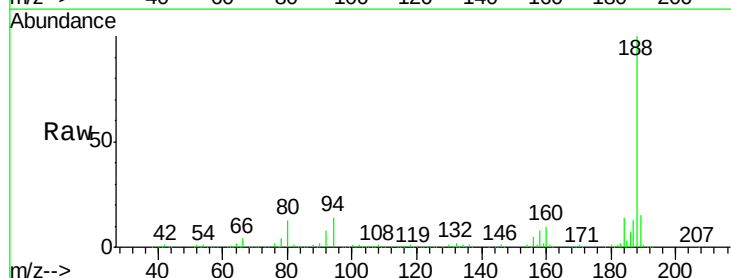
Tgt Ion:188 Resp: 355272

Ion Ratio Lower Upper

188 100

94 14.0 12.2 18.4

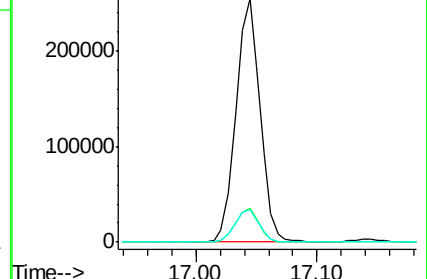
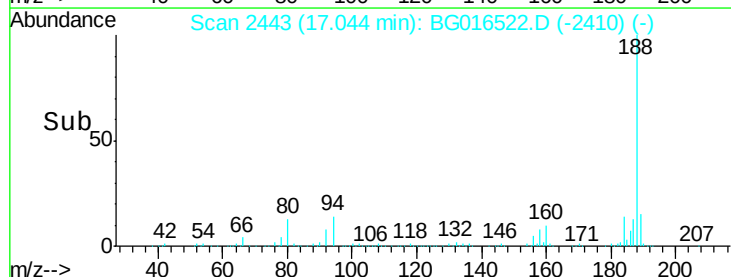
80 13.5 12.8 19.2

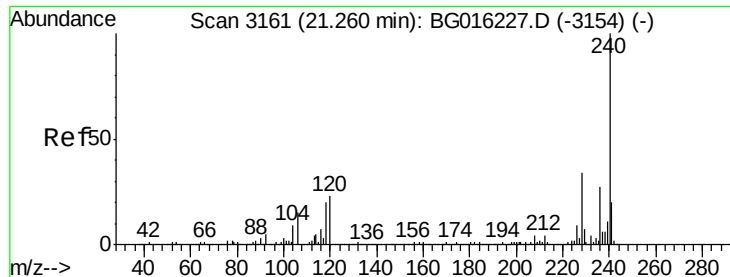


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.22 min Scan# 3154

Delta R.T. -0.01 min

Lab File: BG016522.D

Acq: 18 Apr 2015 13:32

Instrument :

BNA_G

ClientSampleId :

SB-69D

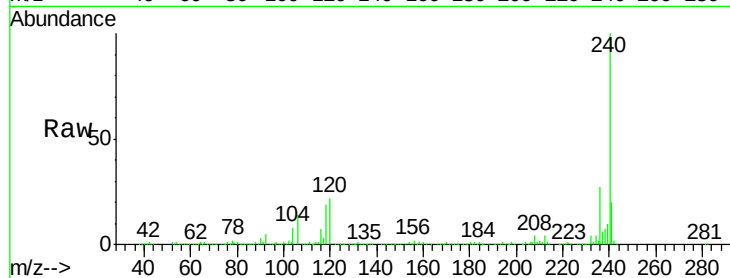
Tgt Ion:240 Resp: 317646

Ion Ratio Lower Upper

240 100

120 22.3 18.6 28.0

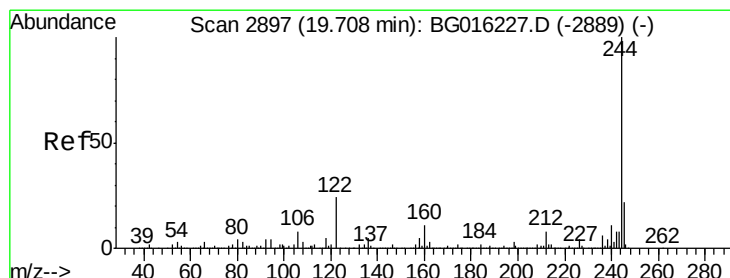
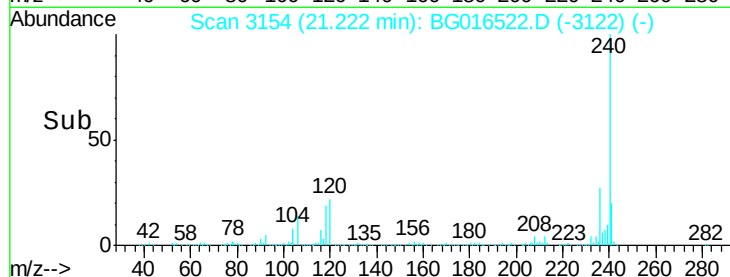
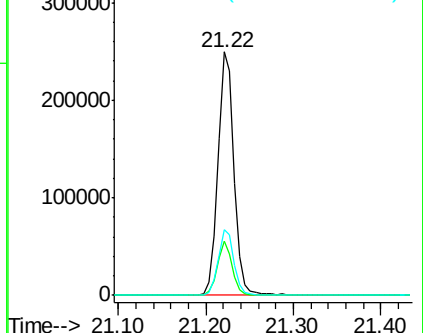
236 27.0 21.7 32.5



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: 62.34 ng

RT: 19.67 min Scan# 2890

Delta R.T. -0.00 min

Lab File: BG016522.D

Acq: 18 Apr 2015 13:32

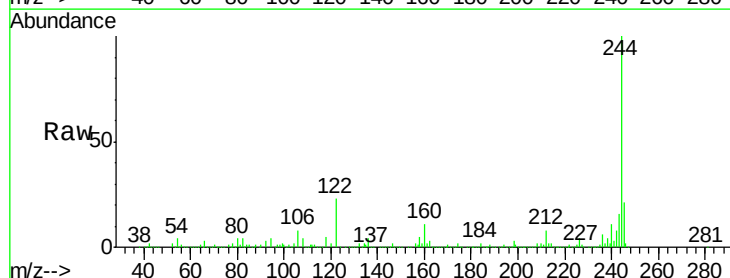
Tgt Ion:244 Resp: 846066

Ion Ratio Lower Upper

244 100

212 8.3 6.6 9.8

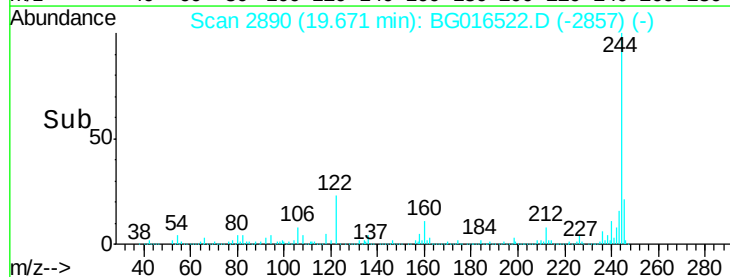
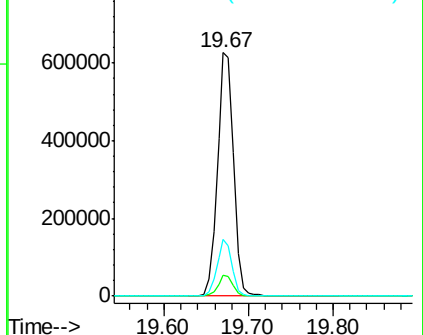
122 23.4 19.1 28.7

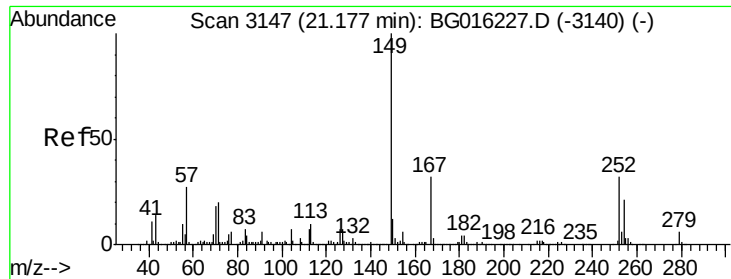


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

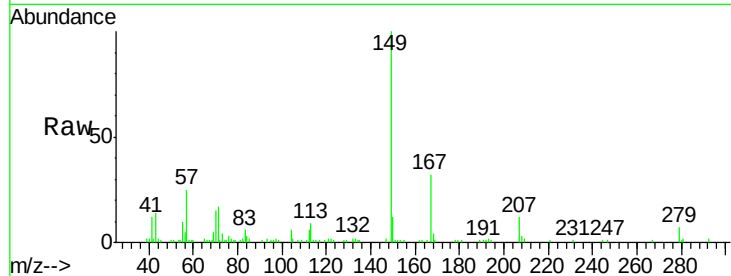




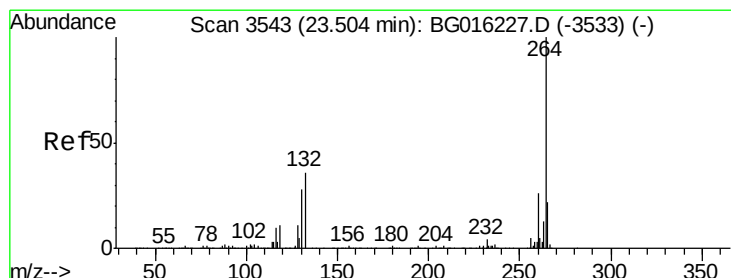
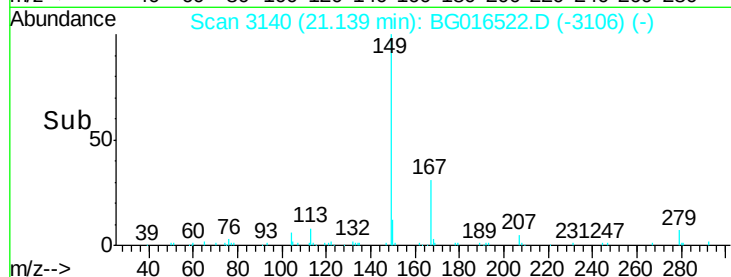
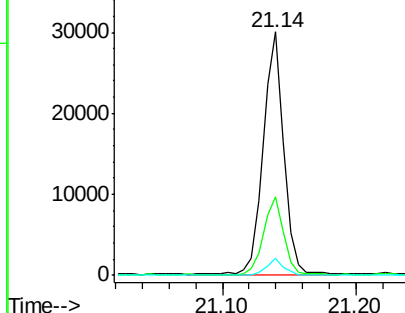
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.20 ng
 RT: 21.14 min Scan# 3140
 Delta R.T. 0.00 min
 Lab File: BG016522.D
 Acq: 18 Apr 2015 13:32

Instrument :
 BNA_G
 ClientSampleId :
 SB-69D

Tgt Ion:149 Resp: 32387
 Ion Ratio Lower Upper
 149 100
 167 32.3 25.8 38.6
 279 7.1 4.7 7.1

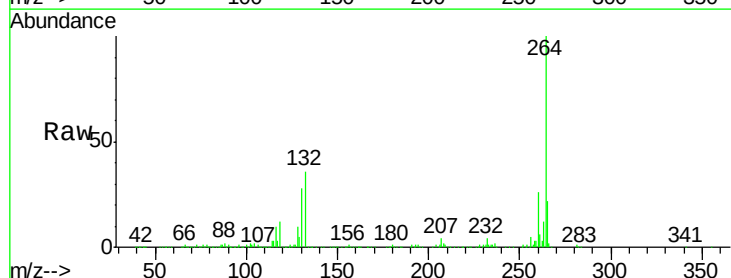


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.45 min Scan# 3533
 Delta R.T. -0.00 min
 Lab File: BG016522.D
 Acq: 18 Apr 2015 13:32

Tgt Ion:264 Resp: 297198
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.4 30.6
 265 21.9 17.2 25.8



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

