

Data Path : Z:\HPCHEM1\BNA_G\Data\BG041615\
 Data File : BG016481.D
 Acq On : 17 Apr 2015 7:58
 Operator : TP/IZ
 Sample : G1891-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-81D

Quant Time: Apr 17 16:09:49 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 14:00:56 2015
 Response via : Initial Calibration

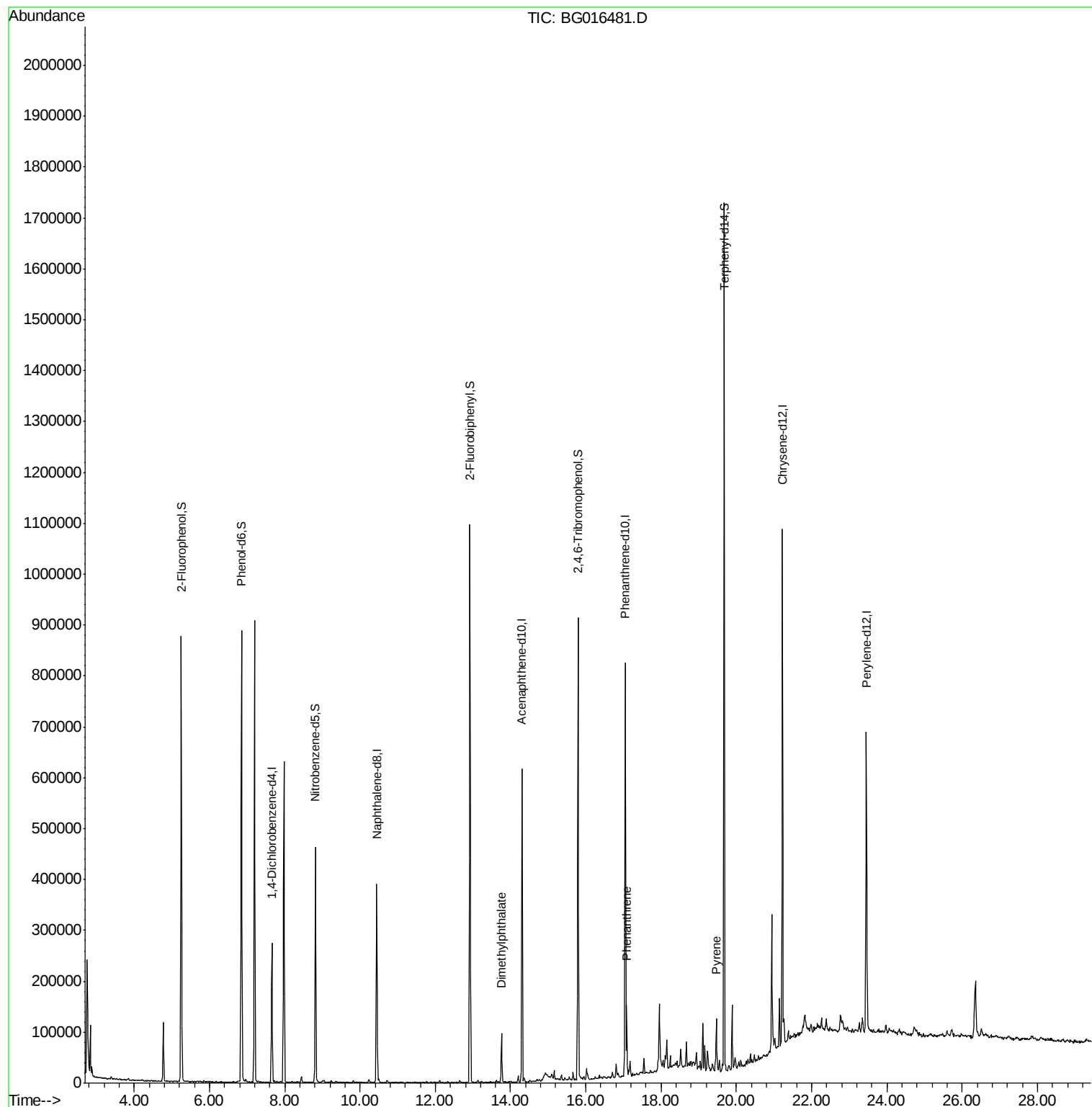
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	78016	20.00	ng	-0.01
21) Naphthalene-d8	10.45	136	339797	20.00	ng	-0.02
38) Acenaphthene-d10	14.30	164	202593	20.00	ng	-0.02
63) Phenanthrene-d10	17.04	188	433940	20.00	ng	-0.02
75) Chrysene-d12	21.22	240	383758	20.00	ng	-0.02
86) Perylene-d12	23.46	264	359569	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	415330	84.02	ng	-0.01
7) Phenol-d6	6.85	99	573171	77.24	ng	-0.01
23) Nitrobenzene-d5	8.82	82	283295	48.30	ng	-0.02
41) 2,4,6-Tribromophenol	15.79	330	122135	89.14	ng	-0.02
44) 2-Fluorobiphenyl	12.92	172	535088	44.97	ng	-0.02
78) Terphenyl-d14	19.67	244	636483	38.82	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	13.76	163	65735	4.43	ng	99
70) Phenanthrene	17.09	178	76852	3.15	ng	99
77) Pyrene	19.47	202	54873	2.05	ng	97

(#) = 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. -0.01 min

Lab File: BG016481.D

Acq: 17 Apr 2015 7:58

Instrument :

BNA_G

ClientSampled :

SB-81D

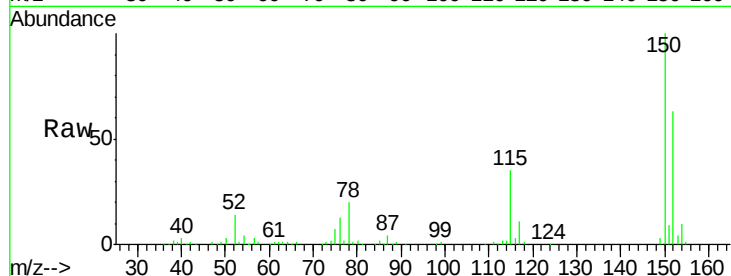
Tgt Ion:152 Resp: 78016

Ion Ratio Lower Upper

152 100

150 157.6 130.1 195.1

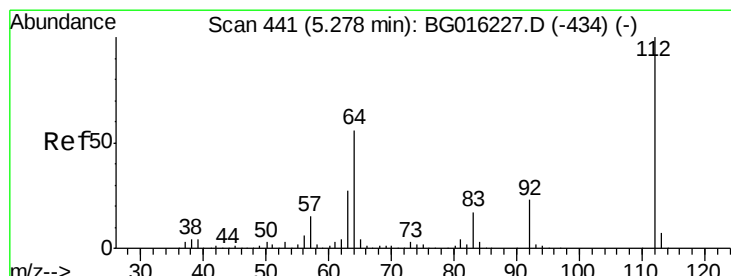
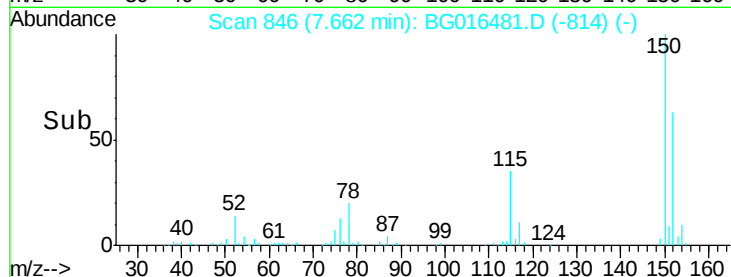
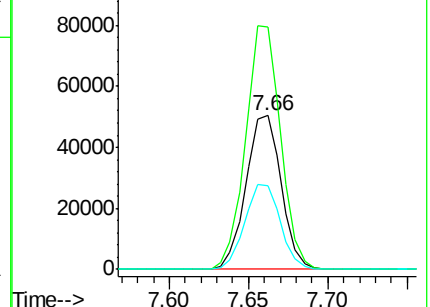
115 54.7 50.5 75.7



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: 84.02 ng

RT: 5.25 min Scan# 436

Delta R.T. -0.01 min

Lab File: BG016481.D

Acq: 17 Apr 2015 7:58

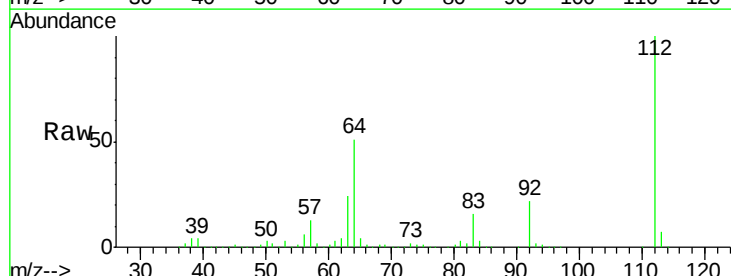
Tgt Ion:112 Resp: 415330

Ion Ratio Lower Upper

112 100

64 51.0 44.5 66.7

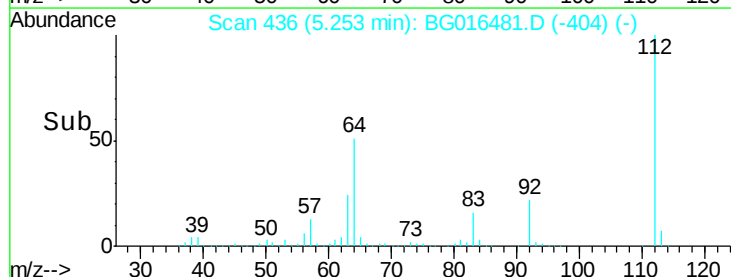
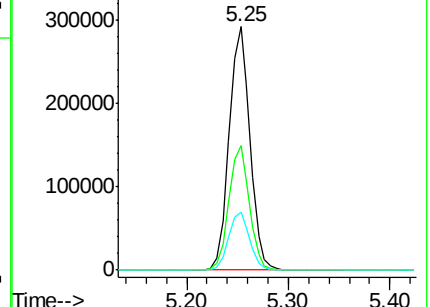
63 23.9 21.4 32.0

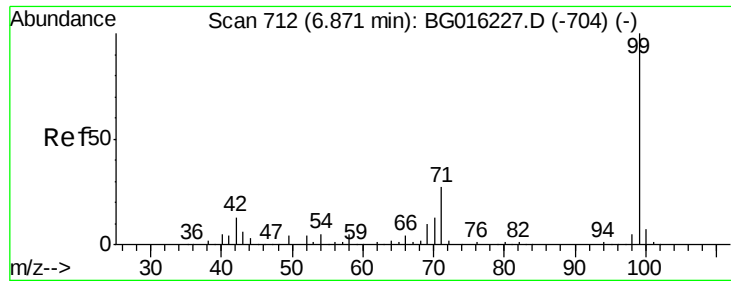


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 77.24 ng

RT: 6.85 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG016481.D

Acq: 17 Apr 2015 7:58

Instrument :

BNA_G

ClientSampleId :

SB-81D

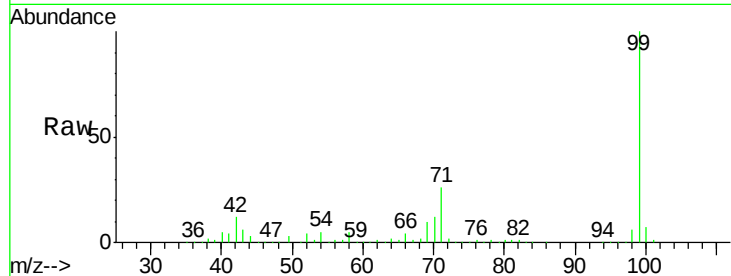
Tgt Ion: 99 Resp: 573171

Ion Ratio Lower Upper

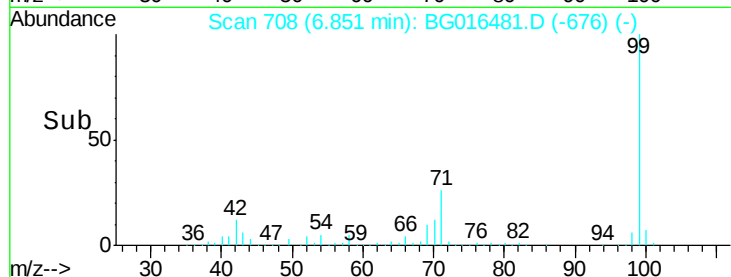
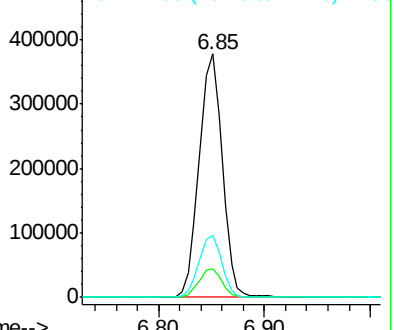
99 100

42 11.9 10.0 15.0

71 25.6 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: 10.45 min Scan# 1320

Delta R.T. -0.02 min

Lab File: BG016481.D

Acq: 17 Apr 2015 7:58

Tgt Ion: 136 Resp: 339797

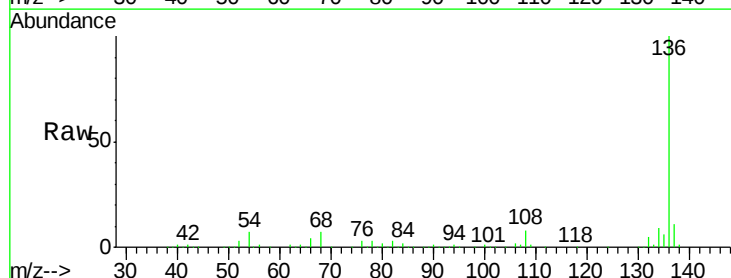
Ion Ratio Lower Upper

136 100

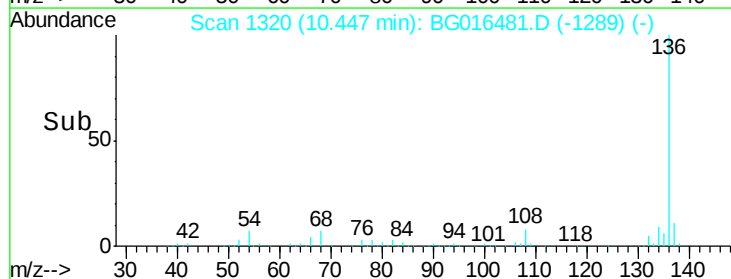
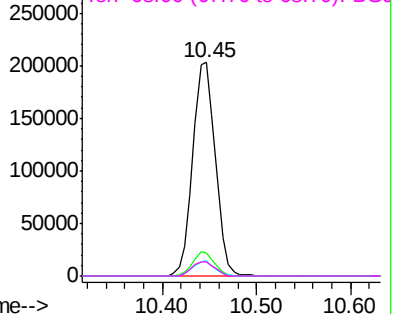
137 10.8 8.7 13.1

54 6.9 6.3 9.5

68 6.5 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

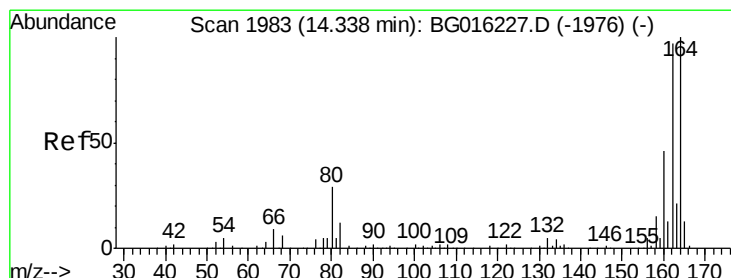
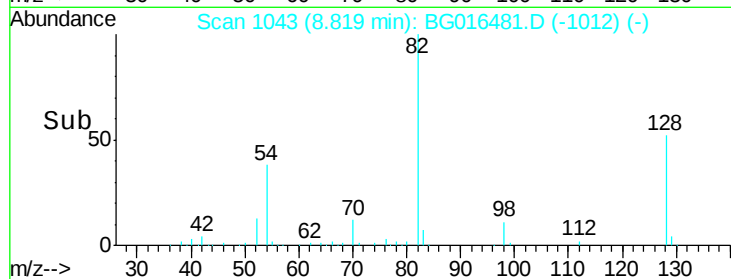
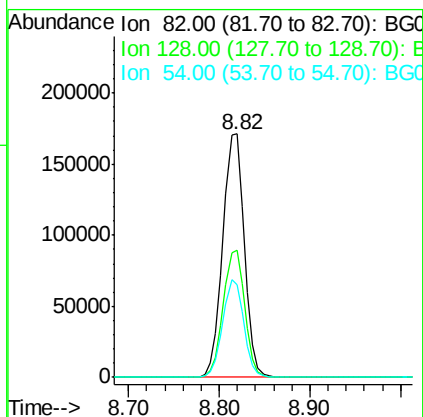
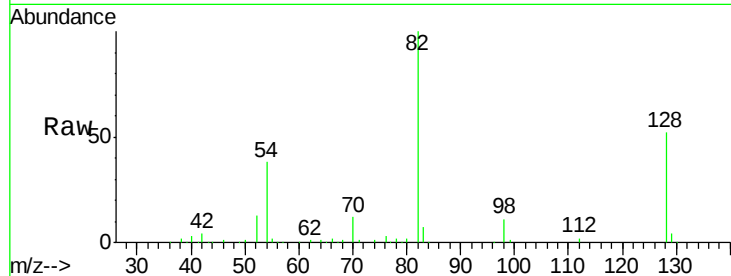




#23
 Nitrobenzene-d5
 Concen: 48.30 ng
 RT: 8.82 min Scan# 1043
 Delta R.T. -0.02 min
 Lab File: BG016481.D
 Acq: 17 Apr 2015 7:58

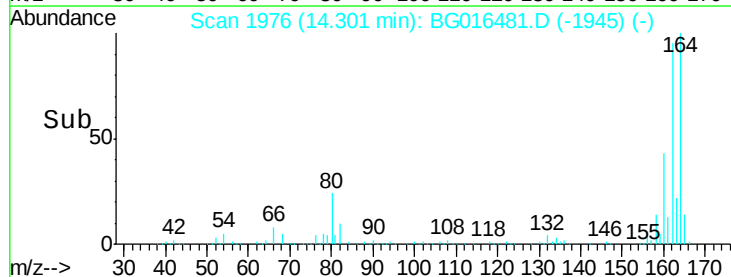
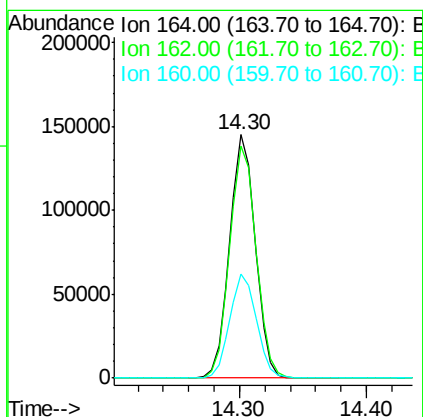
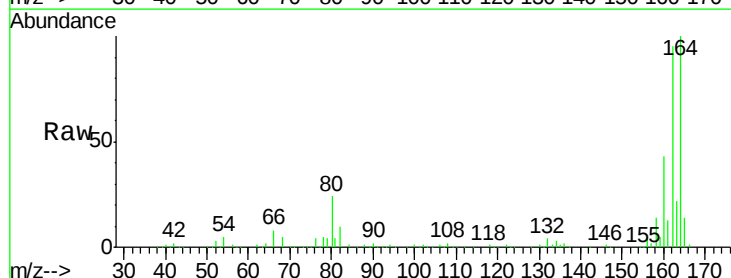
Instrument :
 BNA_G
 ClientSampled :
 SB-81D

Tgt Ion	Ratio	Lower	Upper
82	100		
128	52.5	37.8	56.8
54	38.0	32.6	49.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.30 min Scan# 1976
 Delta R.T. -0.02 min
 Lab File: BG016481.D
 Acq: 17 Apr 2015 7:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.5	77.3	115.9
160	42.6	36.7	55.1

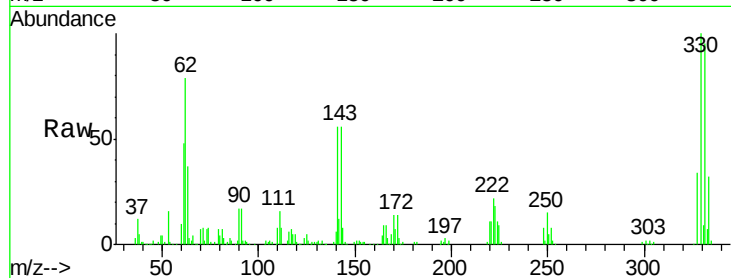




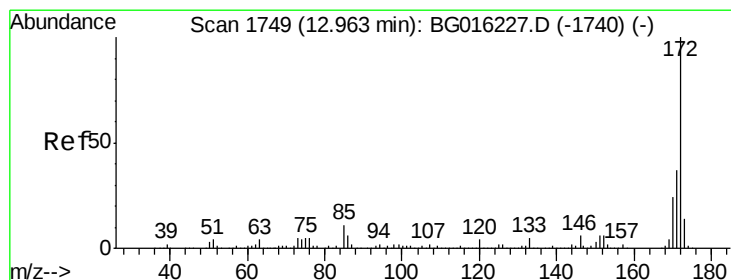
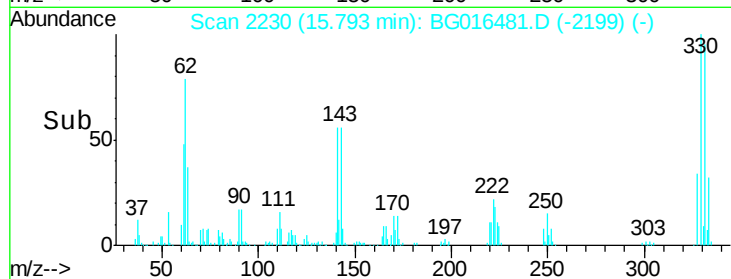
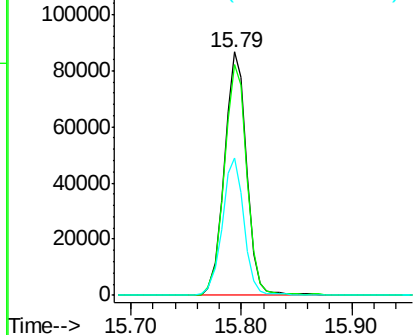
#41
 2,4,6-Tribromophenol
 Concen: 89.14 ng
 RT: 15.79 min Scan# 2230
 Delta R.T. -0.02 min
 Lab File: BG016481.D
 Acq: 17 Apr 2015 7:58

Instrument :
 BNA_G
 ClientSampleID :
 SB-81D

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.8	113.6
141	55.0	46.6	69.8

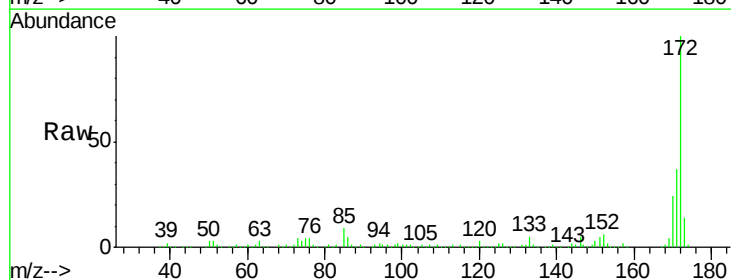


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

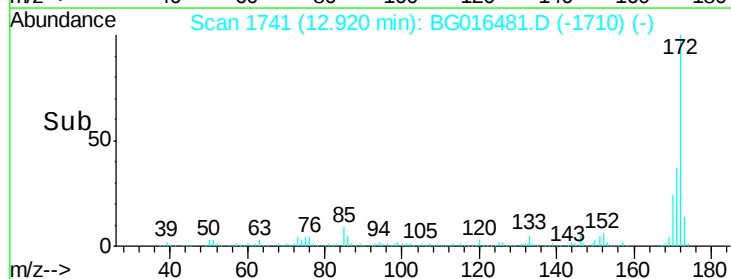
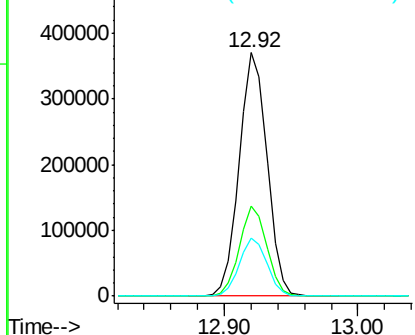


#44
 2-Fluorobiphenyl
 Concen: 44.97 ng
 RT: 12.92 min Scan# 1741
 Delta R.T. -0.02 min
 Lab File: BG016481.D
 Acq: 17 Apr 2015 7:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.6	44.4
170	23.8	19.4	29.2



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





#49

Dimethylphthalate

Concen: 4.43 ng

RT: 13.76 min Scan# 1884

Delta R.T. -0.02 min

Lab File: BG016481.D

Acq: 17 Apr 2015 7:58

Instrument :

BNA_G

ClientSampleId :

SB-81D

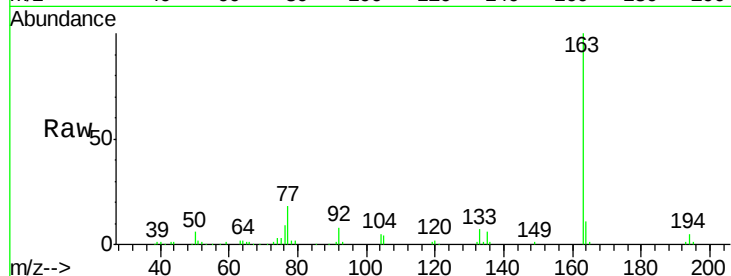
Tgt Ion:163 Resp: 65735

Ion Ratio Lower Upper

163 100

194 5.3 5.0 7.4

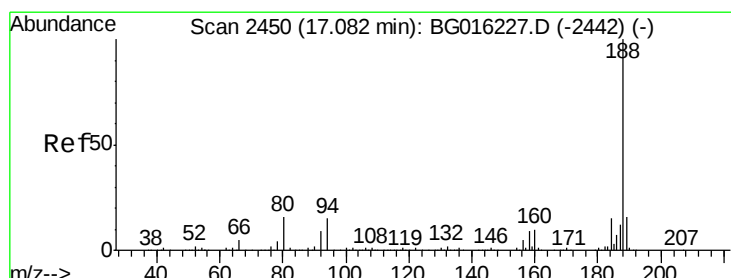
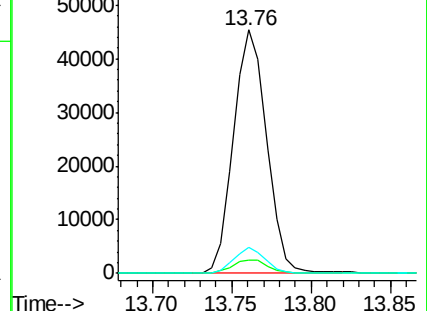
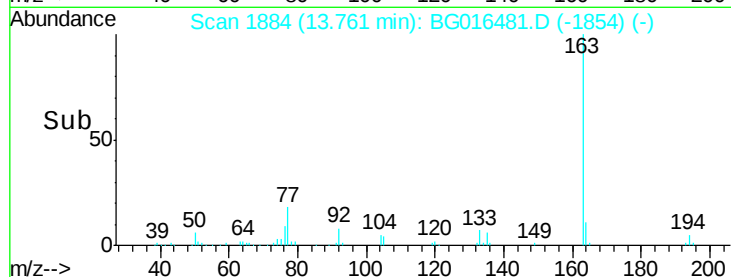
164 10.6 8.2 12.4



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. -0.02 min

Lab File: BG016481.D

Acq: 17 Apr 2015 7:58

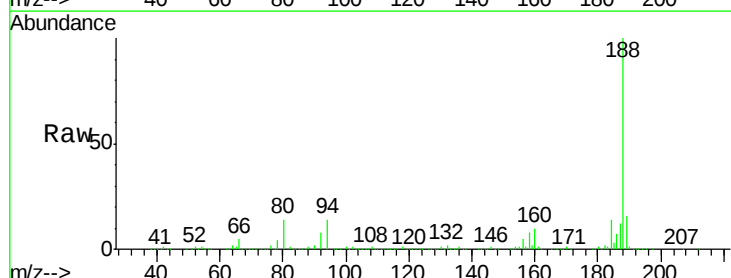
Tgt Ion:188 Resp: 433940

Ion Ratio Lower Upper

188 100

94 13.5 12.2 18.4

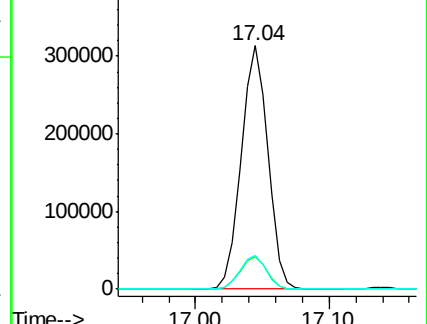
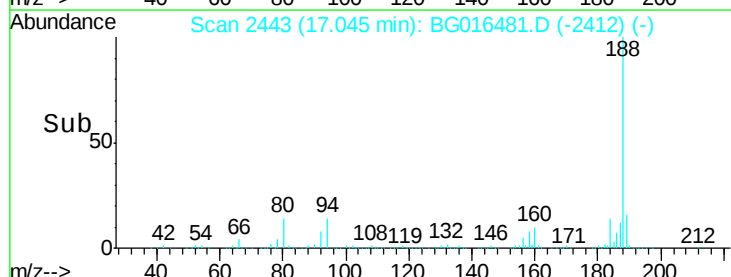
80 14.0 12.8 19.2

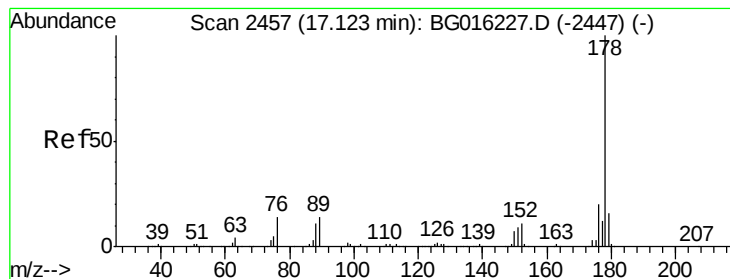


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#70

Phenanthrene

Concen: 3.15 ng

RT: 17.09 min Scan# 2450

Delta R.T. -0.02 min

Lab File: BG016481.D

Acq: 17 Apr 2015 7:58

Instrument :

BNA_G

ClientSampleId :

SB-81D

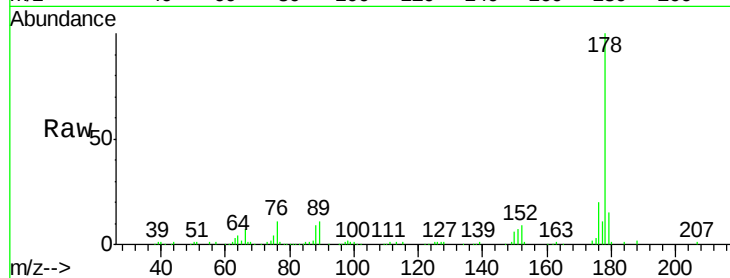
Tgt Ion:178 Resp: 76852

Ion Ratio Lower Upper

178 100

176 20.1 16.2 24.4

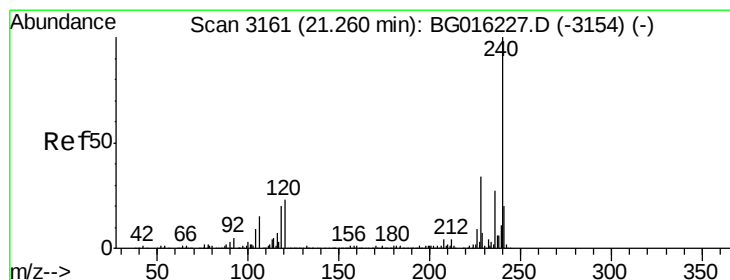
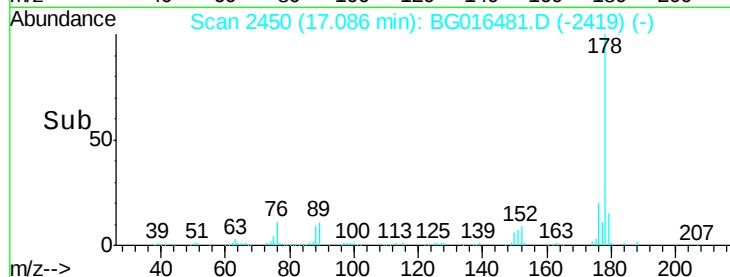
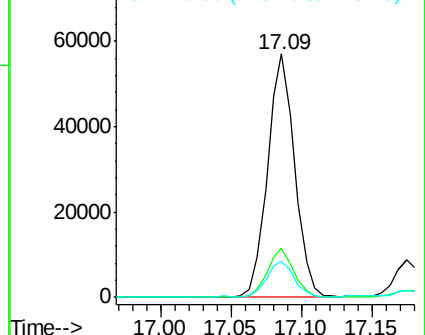
179 15.1 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.22 min Scan# 3154

Delta R.T. -0.02 min

Lab File: BG016481.D

Acq: 17 Apr 2015 7:58

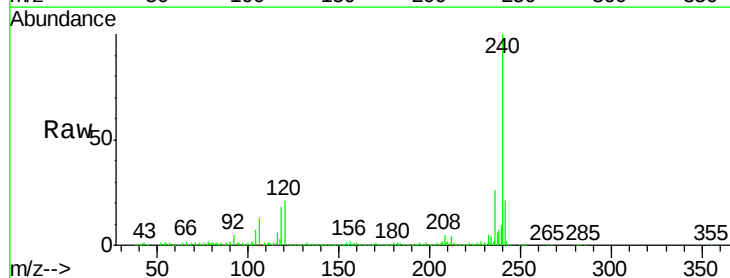
Tgt Ion:240 Resp: 383758

Ion Ratio Lower Upper

240 100

120 20.6 18.6 28.0

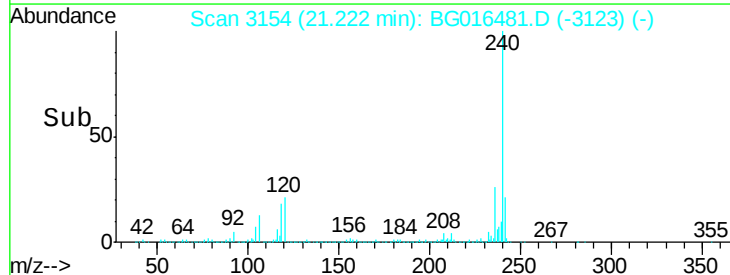
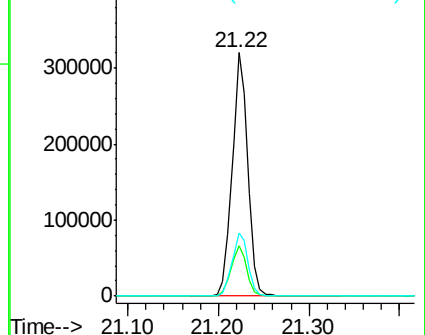
236 26.1 21.7 32.5

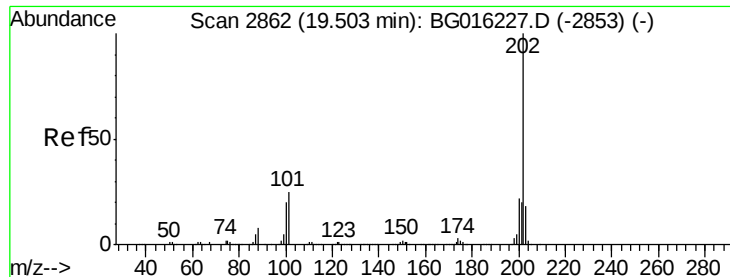


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 2.05 ng

RT: 19.47 min Scan# 2855

Delta R.T. -0.02 min

Lab File: BG016481.D

Acq: 17 Apr 2015 7:58

Instrument :

BNA_G

ClientSampleId :

SB-81D

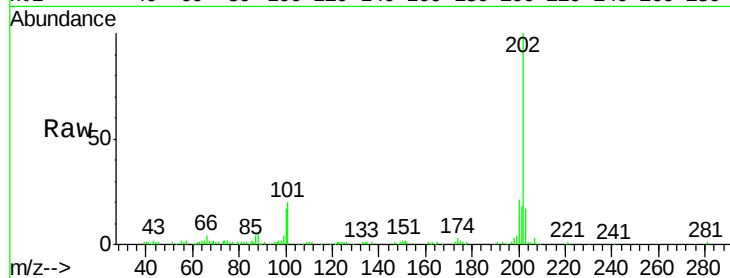
Tgt Ion:202 Resp: 54873

Ion Ratio Lower Upper

202 100

200 20.9 17.8 26.8

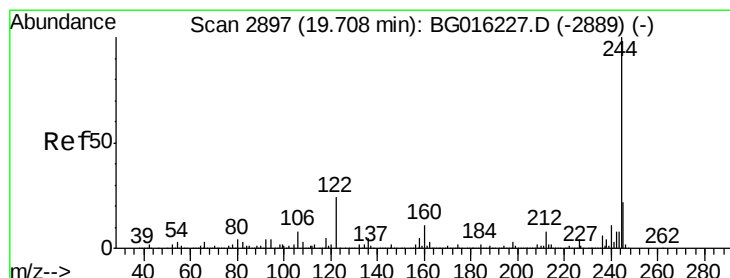
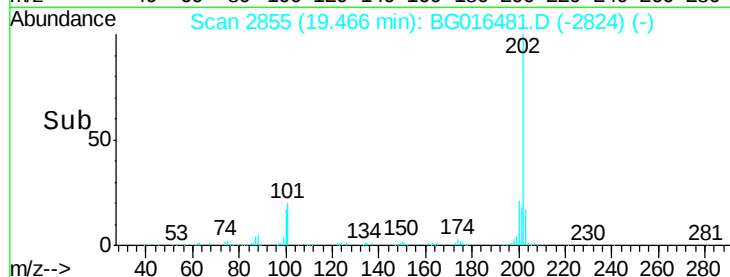
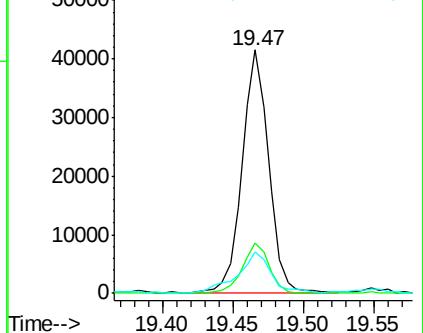
203 17.1 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 38.82 ng

RT: 19.67 min Scan# 2890

Delta R.T. -0.02 min

Lab File: BG016481.D

Acq: 17 Apr 2015 7:58

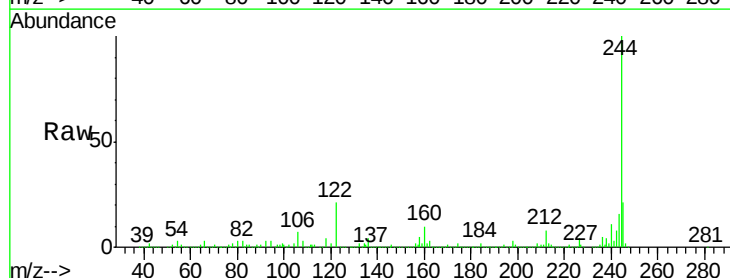
Tgt Ion:244 Resp: 636483

Ion Ratio Lower Upper

244 100

212 7.7 6.6 9.8

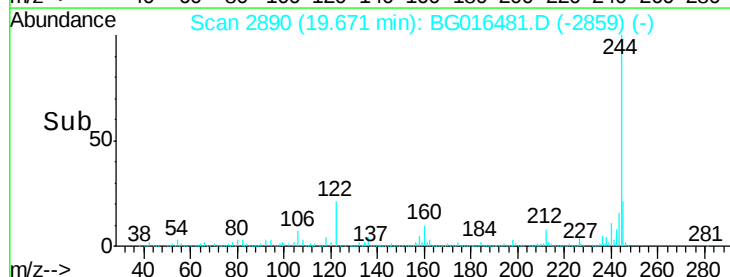
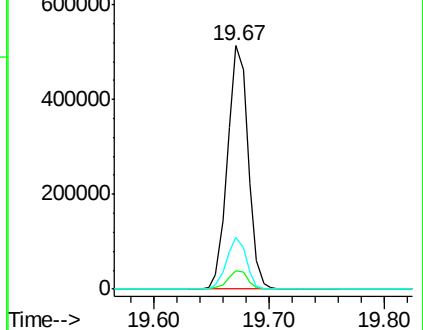
122 21.3 19.1 28.7

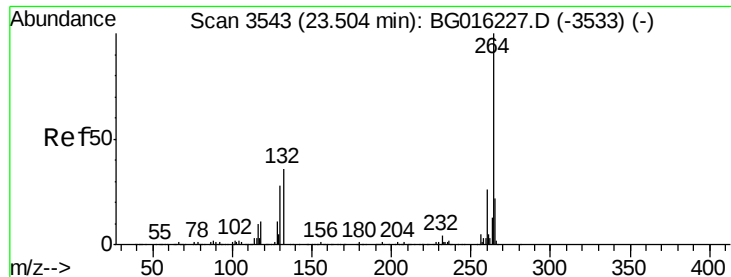


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

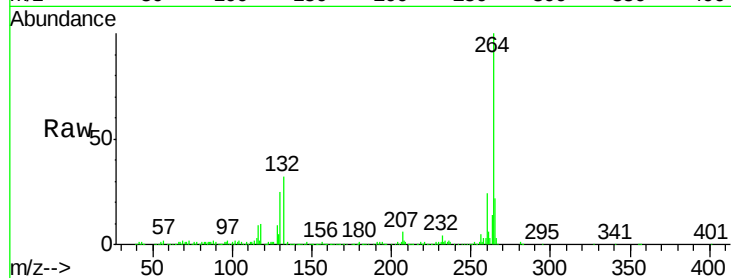




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.46 min Scan# 3534
Delta R.T. -0.01 min
Lab File: BG016481.D
Acq: 17 Apr 2015 7:58

Instrument :
BNA_G
ClientSampleId :
SB-81D

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.4	30.6
265	22.1	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

