

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060315\
 Data File : BG017428.D
 Acq On : 4 Jun 2015 5:08
 Operator : TP/IZ
 Sample : G2420-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PENRD8.1(4)

Quant Time: Jun 04 05:53:47 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 04 01:31:15 2015
 Response via : Initial Calibration

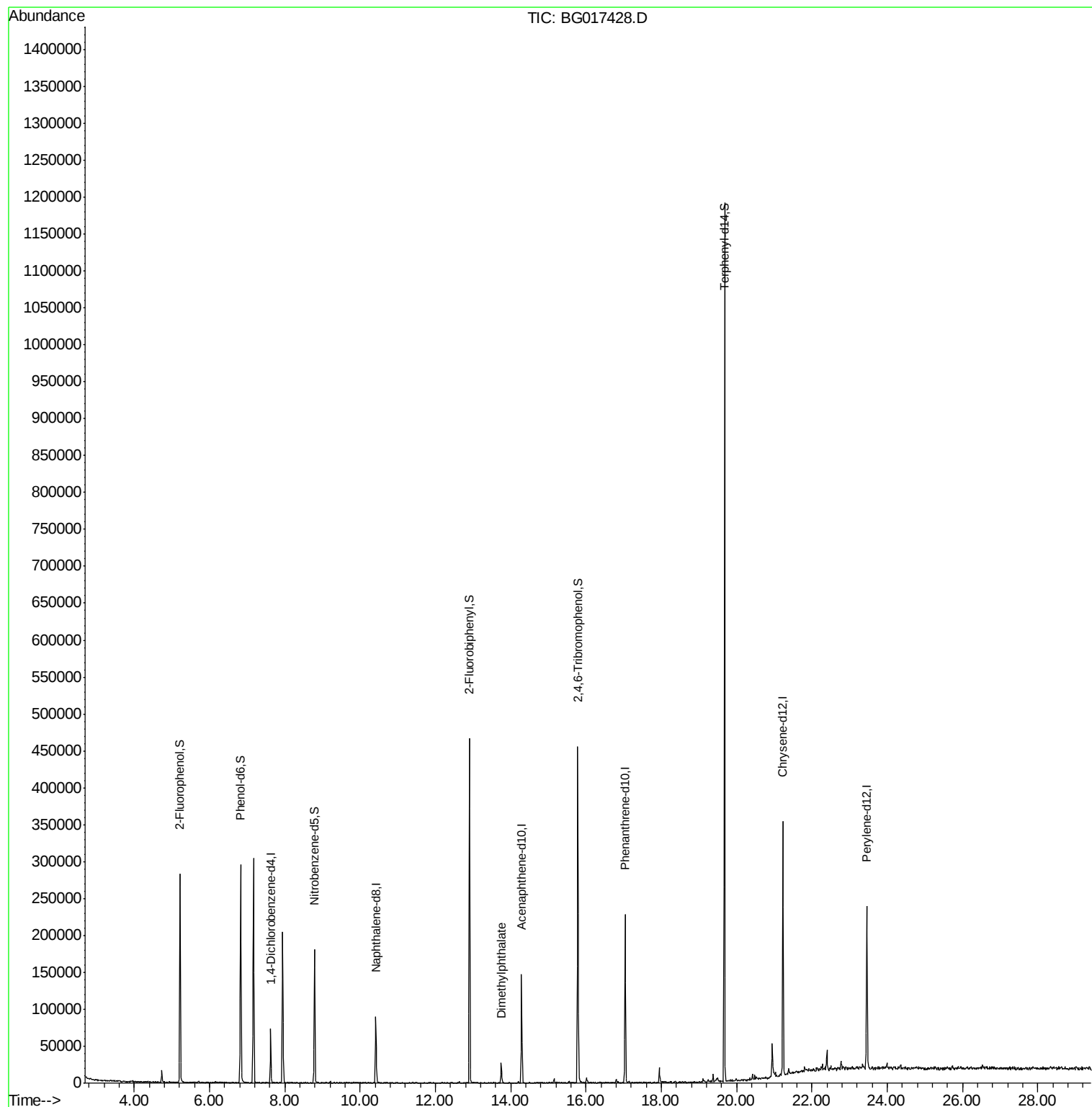
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	16214	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	68660	20.00	ng	0.00
38) Acenaphthene-d10	14.29	164	48731	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	118967	20.00	ng	-0.01
75) Chrysene-d12	21.23	240	148433	20.00	ng	0.00
86) Perylene-d12	23.46	264	149799	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	96791	105.17	ng	0.00
7) Phenol-d6	6.82	99	131141	104.60	ng	-0.01
23) Nitrobenzene-d5	8.79	82	92589	67.32	ng	0.00
41) 2,4,6-Tribromophenol	15.79	330	66116	97.68	ng	0.00
44) 2-Fluorobiphenyl	12.91	172	207714	64.30	ng	0.00
78) Terphenyl-d14	19.68	244	460093	64.06	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.75	163	17729	4.18	ng	Qvalue # 94

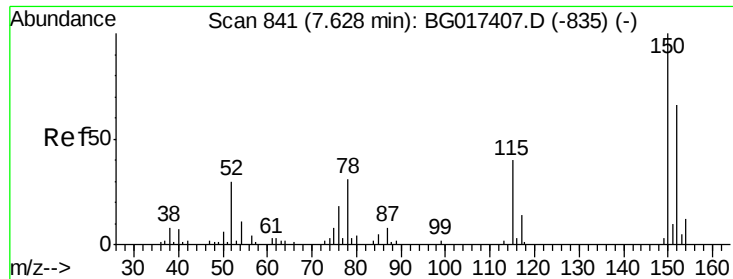
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.62 min Scan# 840

Delta R.T. -0.00 min

Lab File: BG017428.D

Acq: 4 Jun 2015 5:08

Instrument :

BNA_G

ClientSampleId :

PENRD8.1(4)

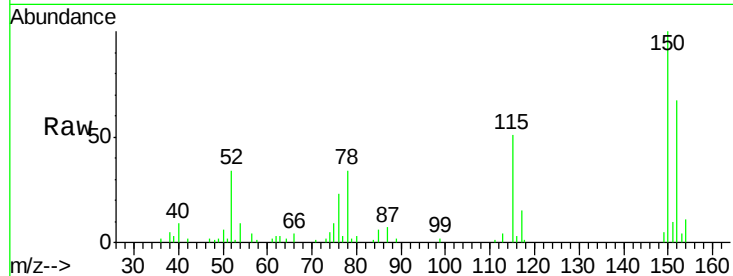
Tgt Ion:152 Resp: 16214

Ion Ratio Lower Upper

152 100

150 149.0 121.7 182.5

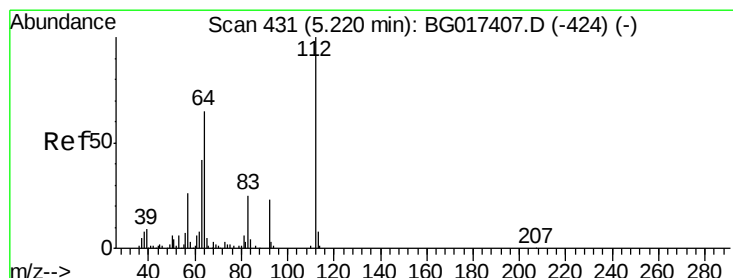
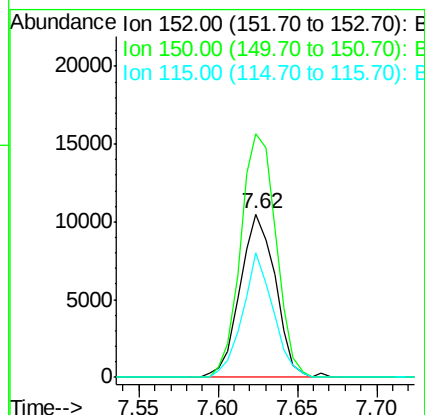
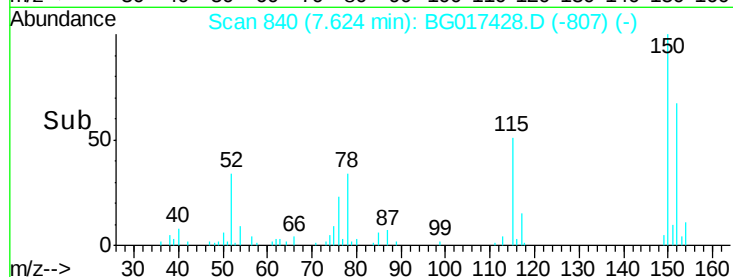
115 76.5 48.6 73.0#



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: 105.17 ng

RT: 5.21 min Scan# 430

Delta R.T. -0.00 min

Lab File: BG017428.D

Acq: 4 Jun 2015 5:08

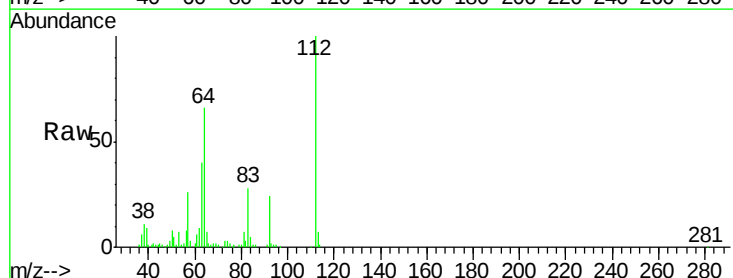
Tgt Ion:112 Resp: 96791

Ion Ratio Lower Upper

112 100

64 65.8 51.6 77.4

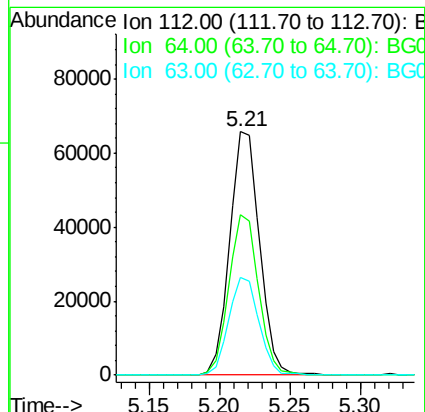
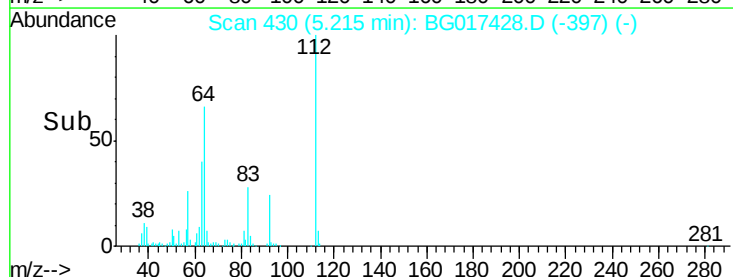
63 40.3 33.3 49.9



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: 104.60 ng

RT: 6.82 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG017428.D

Acq: 4 Jun 2015 5:08

Instrument :

BNA_G

ClientSampleId :

PENRD8.1(4)

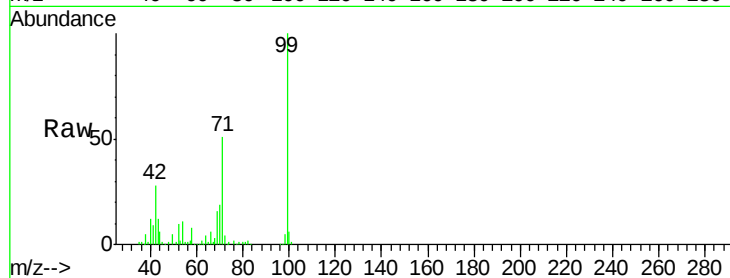
Tgt Ion: 99 Resp: 131141

Ion Ratio Lower Upper

99 100

42 28.1 21.0 31.6

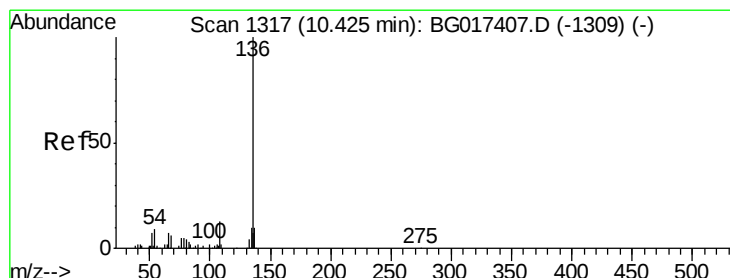
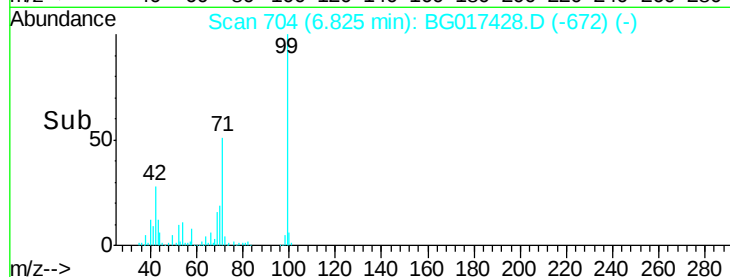
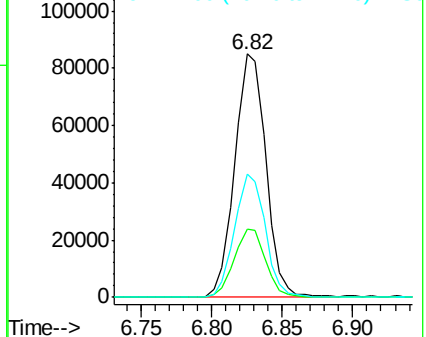
71 50.8 37.2 55.8



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: 10.42 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BG017428.D

Acq: 4 Jun 2015 5:08

Tgt Ion: 136 Resp: 68660

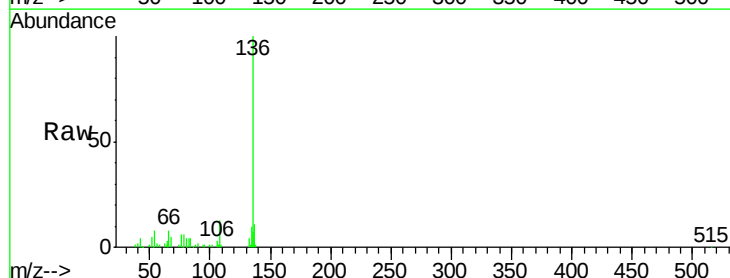
Ion Ratio Lower Upper

136 100

137 10.7 7.9 11.9

54 7.7 7.2 10.8

68 4.9 4.5 6.7

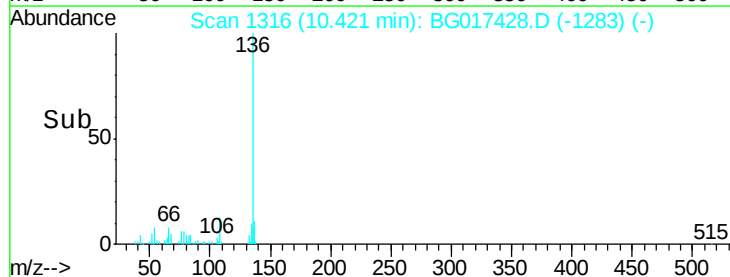
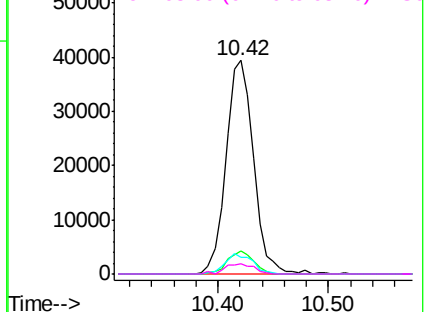


Abundance Ion 136.00 (135.70 to 136.70): BGC

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

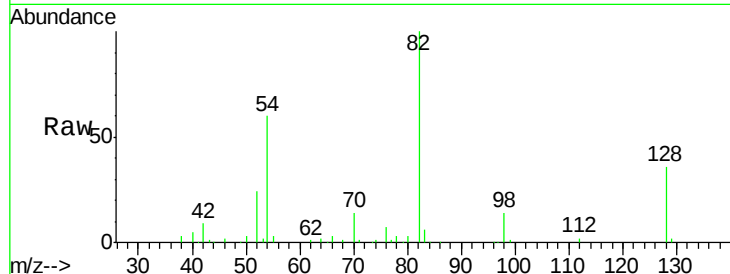




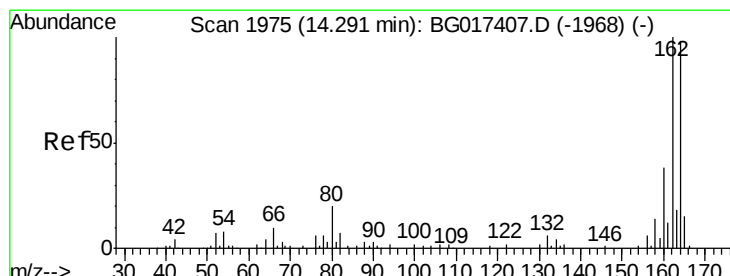
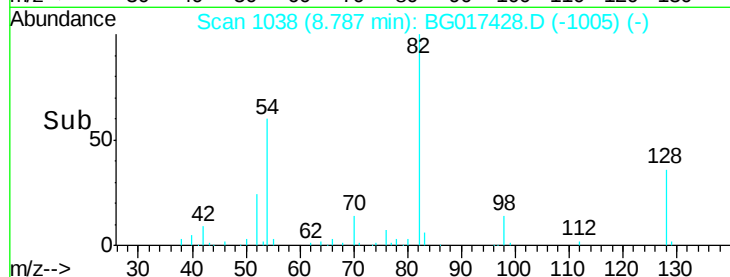
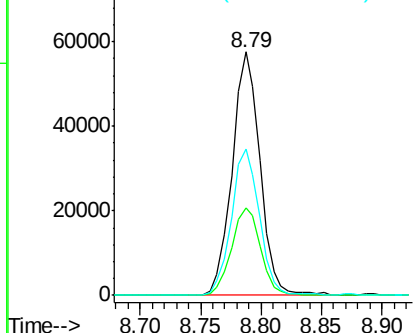
#23
Nitrobenzene-d5
Concen: 67.32 ng
RT: 8.79 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG017428.D
Acq: 4 Jun 2015 5:08

Instrument :
BNA_G
ClientSampleId :
PENRD8.1(4)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.7	32.2	48.4
54	59.9	47.4	71.2

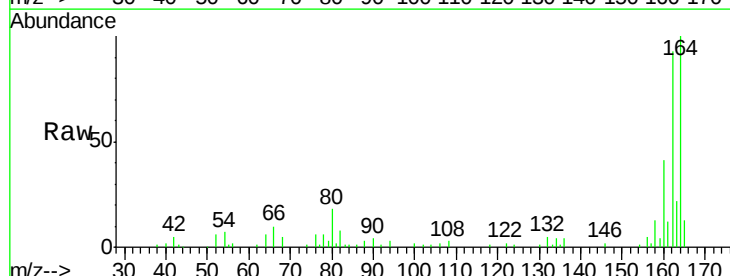


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

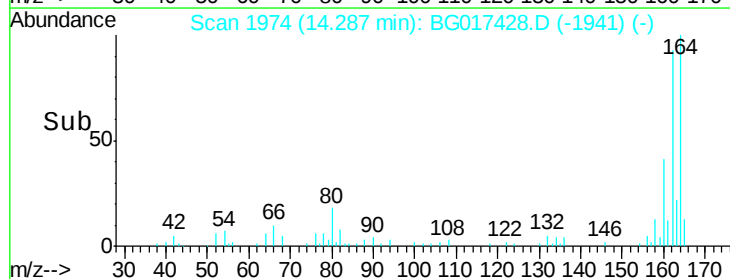
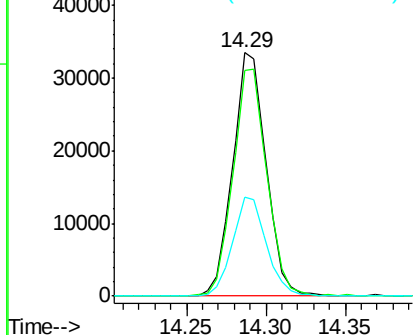


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.29 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG017428.D
Acq: 4 Jun 2015 5:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	92.9	81.8	122.6
160	40.8	31.0	46.4



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

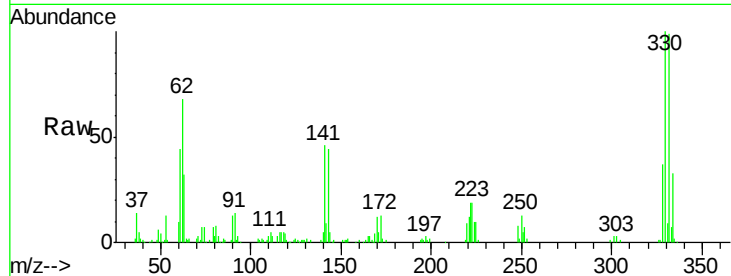




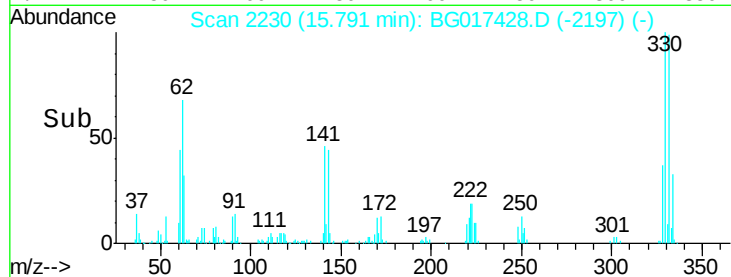
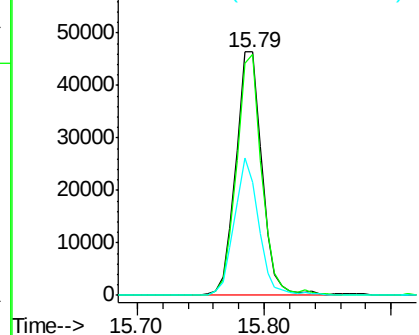
#41
 2,4,6-Tribromophenol
 Concen: 97.68 ng
 RT: 15.79 min Scan# 2230
 Delta R.T. -0.00 min
 Lab File: BG017428.D
 Acq: 4 Jun 2015 5:08

Instrument :
 BNA_G
 ClientSampleId :
 PENRD8.1(4)

Tgt Ion:330 Resp: 66116
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.9 113.9
 141 52.3 40.2 60.4

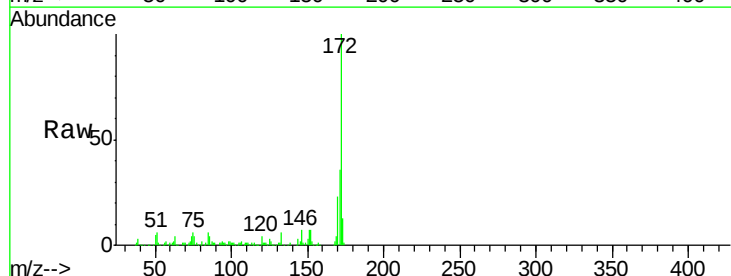


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

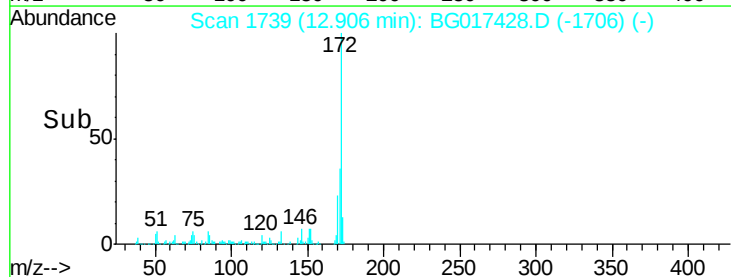
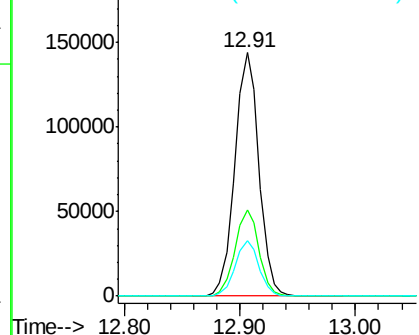


#44
 2-Fluorobiphenyl
 Concen: 64.30 ng
 RT: 12.91 min Scan# 1739
 Delta R.T. -0.00 min
 Lab File: BG017428.D
 Acq: 4 Jun 2015 5:08

Tgt Ion:172 Resp: 207714
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.0 43.6
 170 22.5 18.9 28.3



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: 4.18 ng

RT: 13.75 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BG017428.D

Acq: 4 Jun 2015 5:08

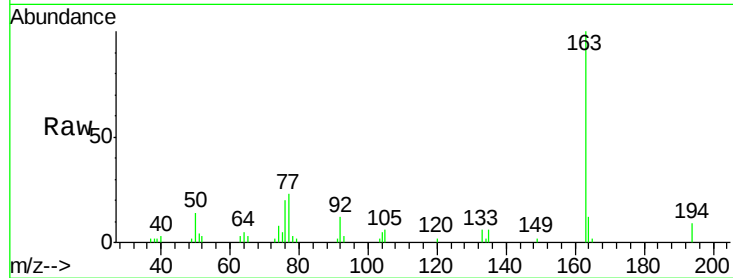
Instrument :

BNA_G

ClientSampleId :

PENRD8.1(4)

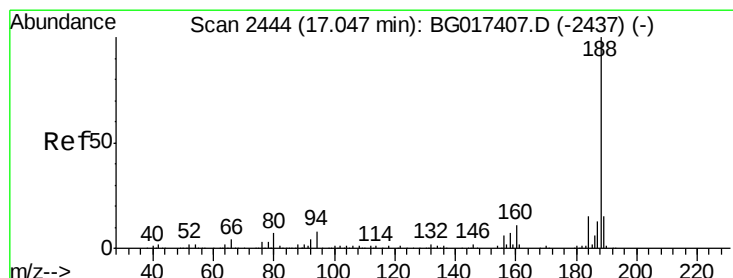
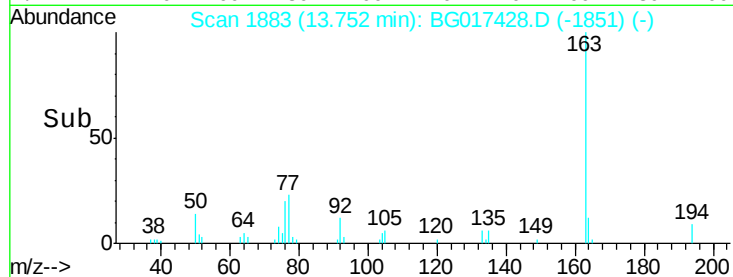
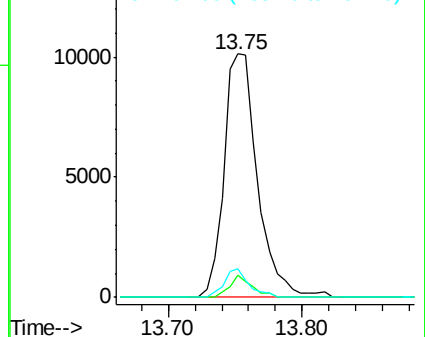
Tgt Ion:	163	Resp:	17729
Ion	Ratio	Lower	Upper
163	100		
194	9.2	4.9	7.3#
164	11.7	8.2	12.2



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

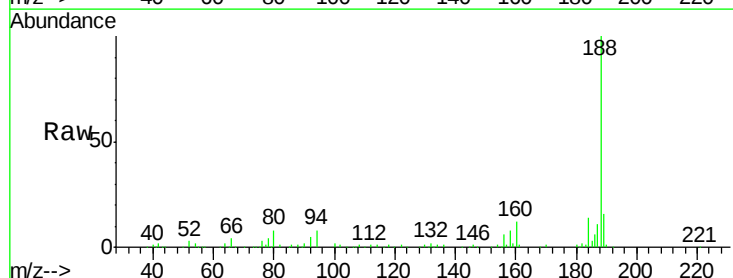
RT: 17.04 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BG017428.D

Acq: 4 Jun 2015 5:08

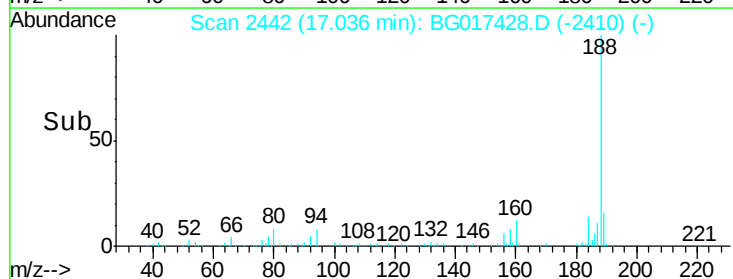
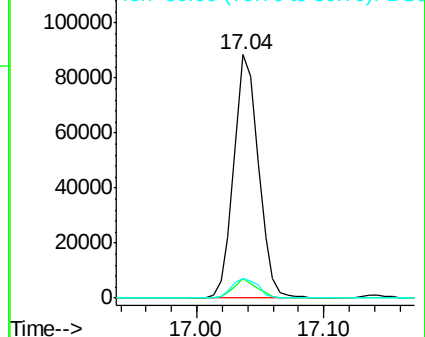
Tgt Ion:	188	Resp:	118967
Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.3	9.5
80	8.3	5.2	7.8#

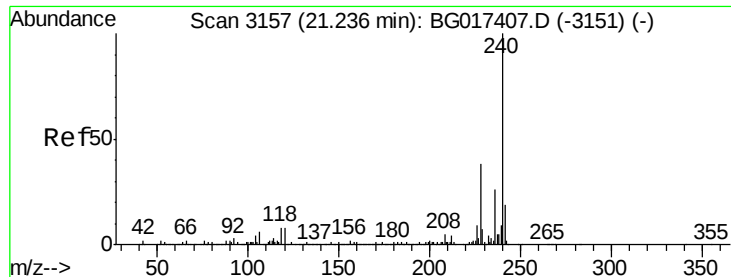


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.23 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG017428.D

Acq: 4 Jun 2015 5:08

Instrument :

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ClientSampleId :

PENRD8.1(4)

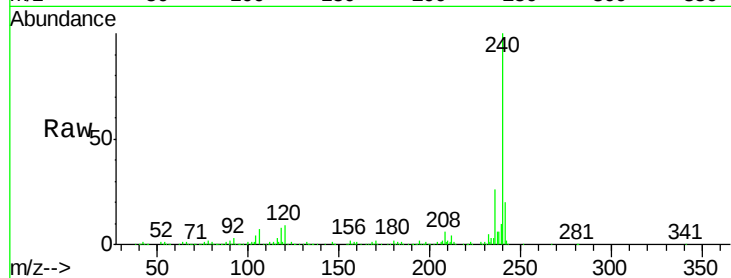
Tgt Ion:240 Resp: 148433

Ion Ratio Lower Upper

240 100

120 8.6 6.5 9.7

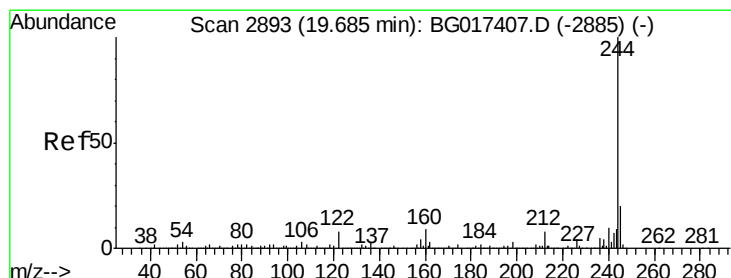
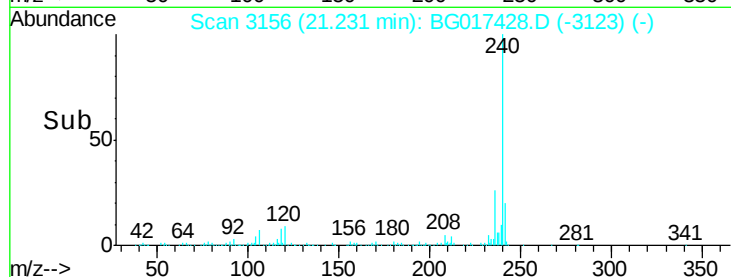
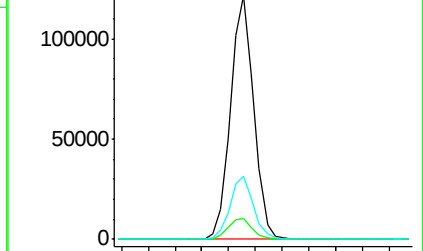
236 26.1 20.8 31.2



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: 64.06 ng

RT: 19.68 min Scan# 2892

Delta R.T. -0.00 min

Lab File: BG017428.D

Acq: 4 Jun 2015 5:08

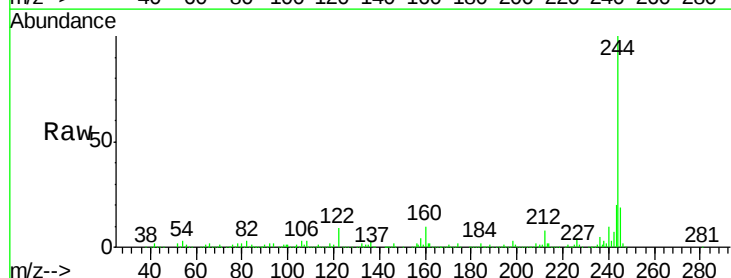
Tgt Ion:244 Resp: 460093

Ion Ratio Lower Upper

244 100

212 8.0 6.4 9.6

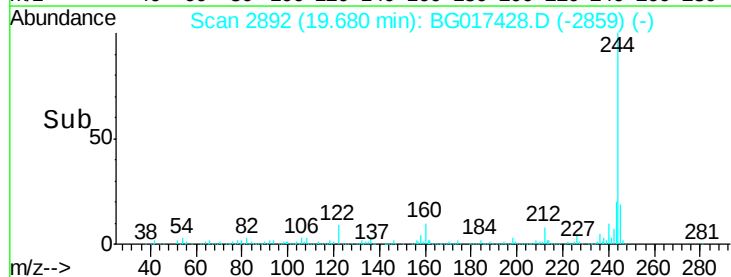
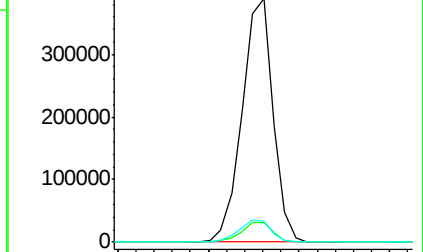
122 8.7 6.6 10.0

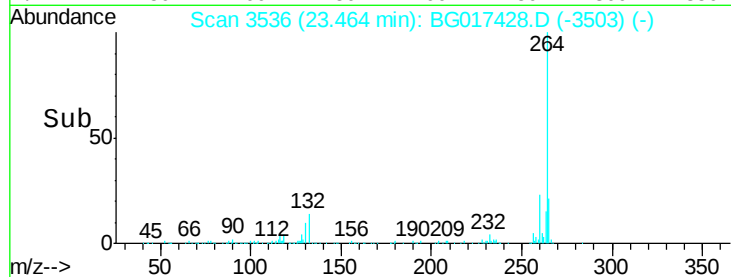
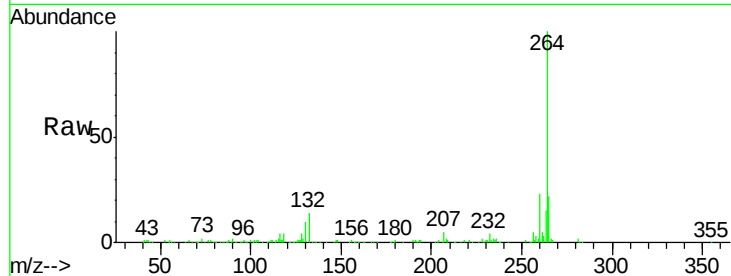
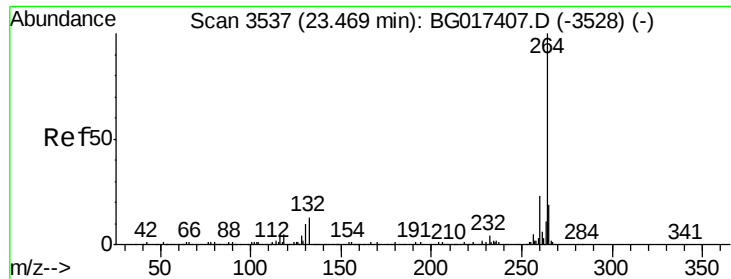


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3536

Delta R.T. -0.00 min

Lab File: BG017428.D

Acq: 4 Jun 2015 5:08

Instrument :

BNA_G

ClientSampleId :

PENRD8.1(4)

Tgt Ion:264 Resp: 149799

Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.4

265 21.5 15.8 23.6

