

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060815\
 Data File : BM001607.D
 Acq On : 09 Jun 2015 05:24
 Operator : TP/IZ
 Sample : PB83802BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB83802BL

Quant Time: Jun 09 18:14:16 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 09 17:36:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	23350	5.00	ng	0.00
6) Naphthalene-d8	10.47	136	81715	5.00	ng	0.00
12) Acenaphthene-d10	14.35	164	36926	5.00	ng	0.00
18) Phenanthrene-d10	17.09	188	46036	5.00	ng	0.03
25) Chrysene-d12	21.28	240	62384	5.00	ng	0.00
32) Perylene-d12	23.51	264	55904	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	73067	13.76	ng	-0.02
5) Phenol-d6	6.84	99	94802	14.53	ng	-0.02
7) Nitrobenzene-d5	8.85	82	55918	9.71	ng	0.00
13) 2,4,6-Tribromophenol	15.83	330	25175	14.11	ng	0.00
14) 2-Fluorobiphenyl	12.96	172	114493	9.53	ng	0.00
27) Terphenyl-d14	19.72	244	79392	9.75	ng	0.00

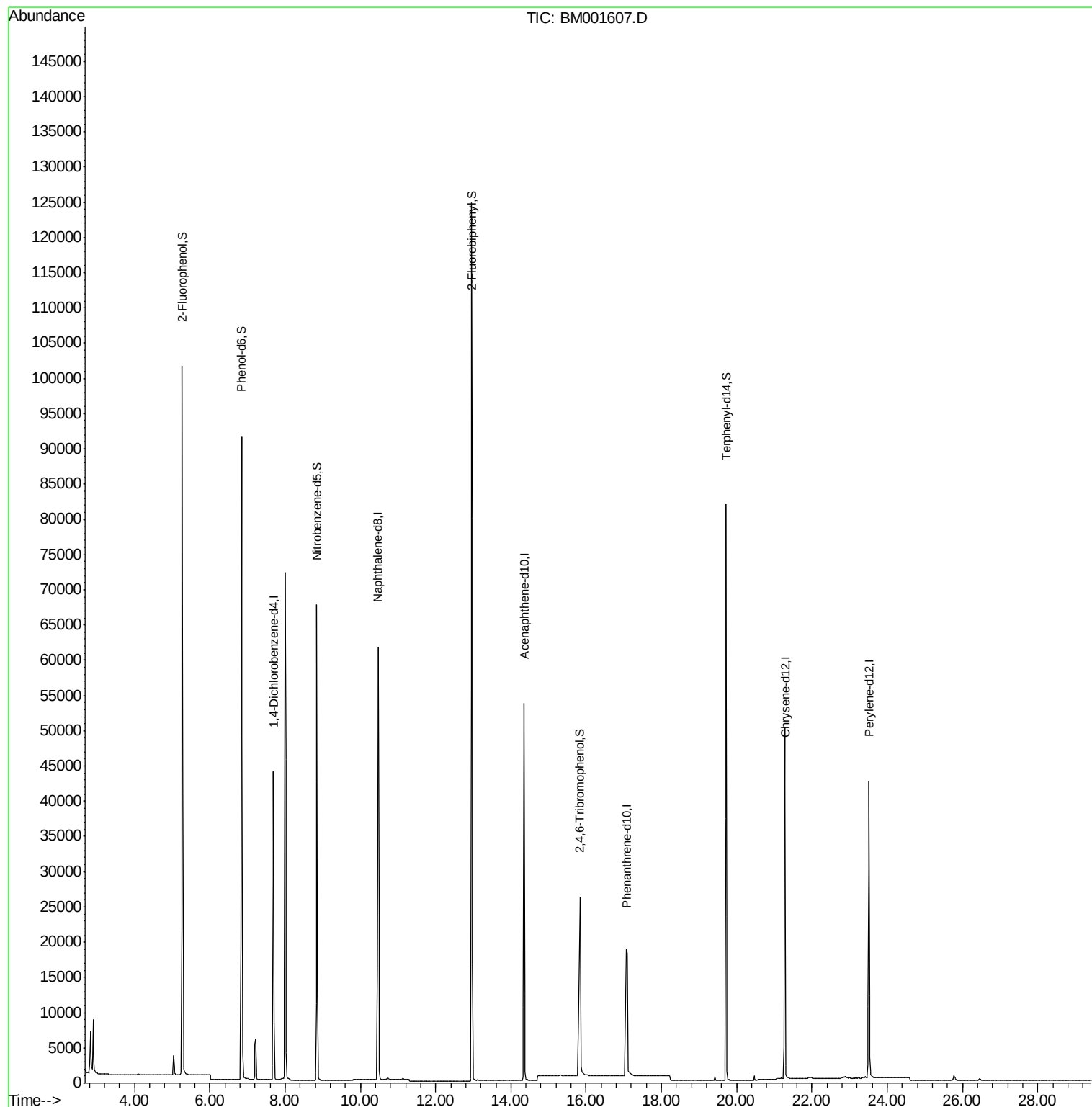
Target Compounds	Qvalue
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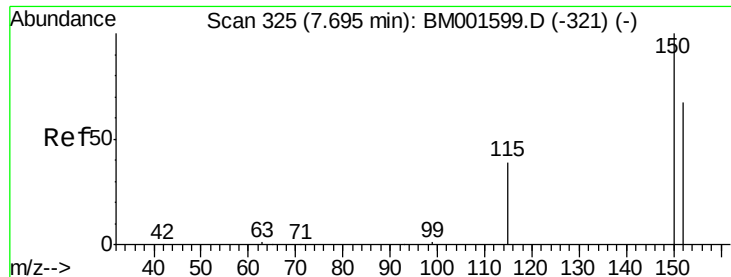
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.70 min Scan# 325

Delta R.T. 0.00 min

Lab File: BM001607.D

Acq: 09 Jun 2015 05:24

Instrument :

BNA_M

ClientSampled :

PB83802BL

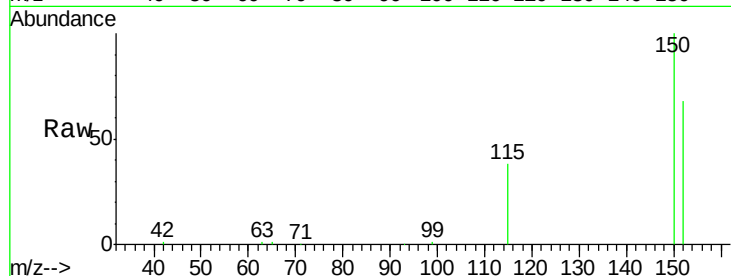
Tgt Ion:152 Resp: 23350

Ion Ratio Lower Upper

152 100

150 146.2 120.1 180.1

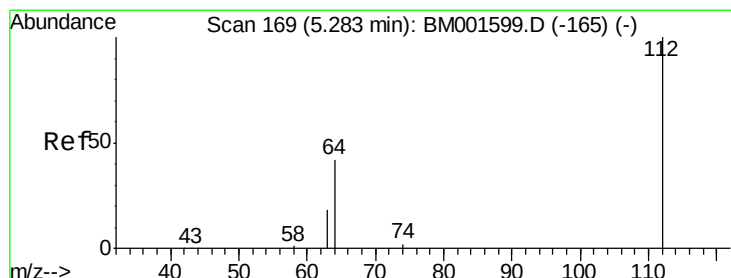
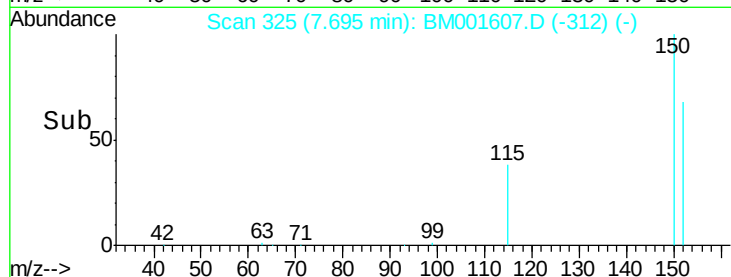
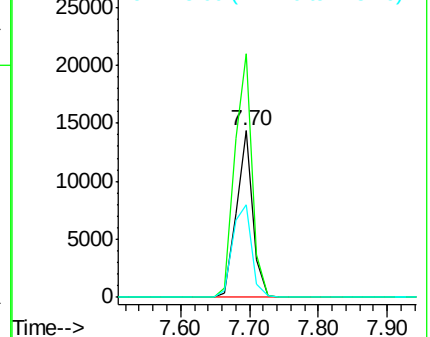
115 55.6 47.0 70.6



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



#4

2-Fluorophenol

Concen: 13.76 ng

RT: 5.27 min Scan# 168

Delta R.T. -0.02 min

Lab File: BM001607.D

Acq: 09 Jun 2015 05:24

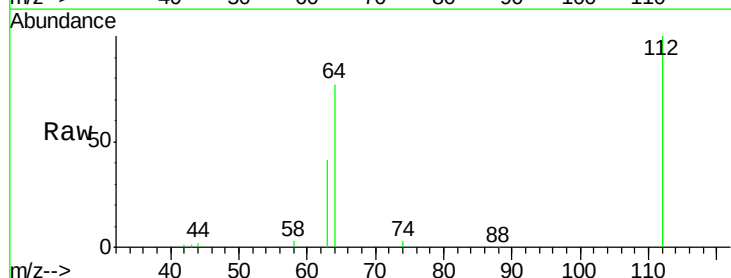
Tgt Ion:112 Resp: 73067

Ion Ratio Lower Upper

112 100

64 67.9 54.8 82.2

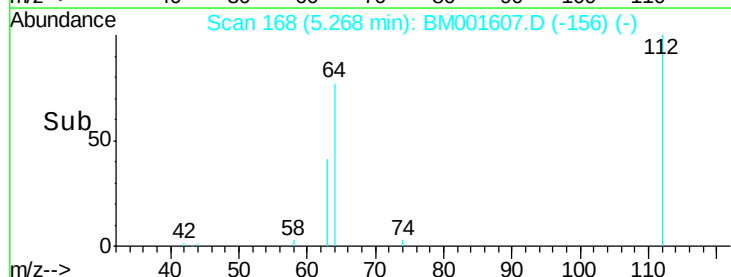
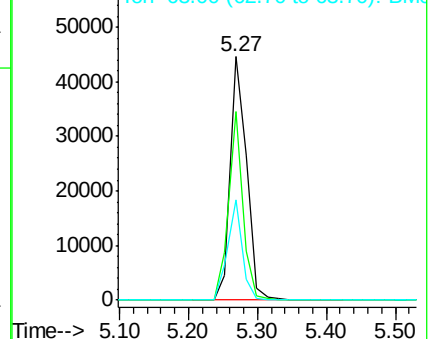
63 37.1 30.5 45.7

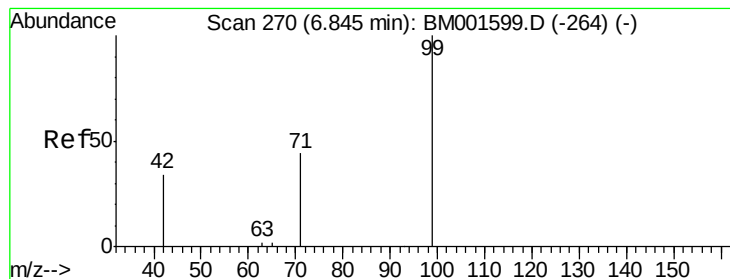


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 14.53 ng

RT: 6.84 min Scan# 270

Delta R.T. -0.02 min

Lab File: BM001607.D

Acq: 09 Jun 2015 05:24

Instrument :

BNA_M

ClientSampleId :

PB83802BL

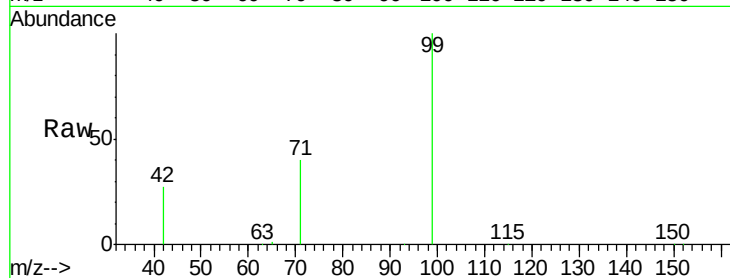
Tgt Ion: 99 Resp: 94802

Ion Ratio Lower Upper

99 100

42 24.8 21.6 32.4

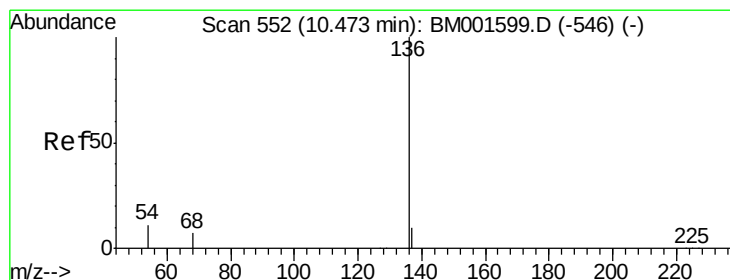
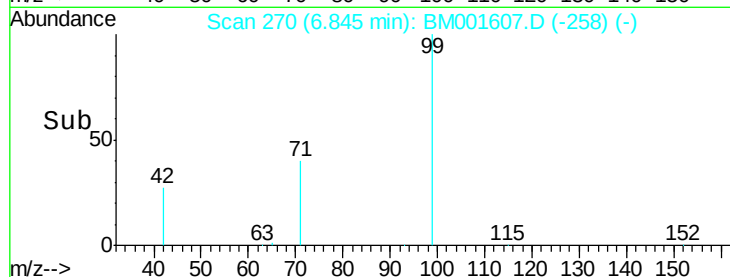
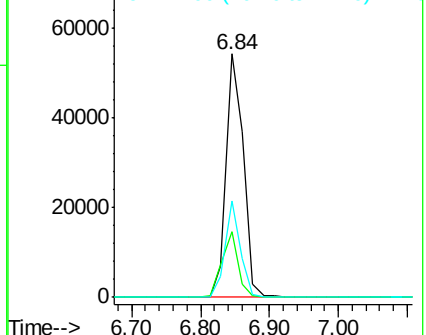
71 35.2 28.7 43.1



Abundance Ion 99.00 (98.70 to 99.70): BM001599.D (-264) (-)

Ion 42.00 (41.70 to 42.70): BM001599.D (-264) (-)

Ion 71.00 (70.70 to 71.70): BM001599.D (-264) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.47 min Scan# 552

Delta R.T. 0.00 min

Lab File: BM001607.D

Acq: 09 Jun 2015 05:24

Tgt Ion: 136 Resp: 81715

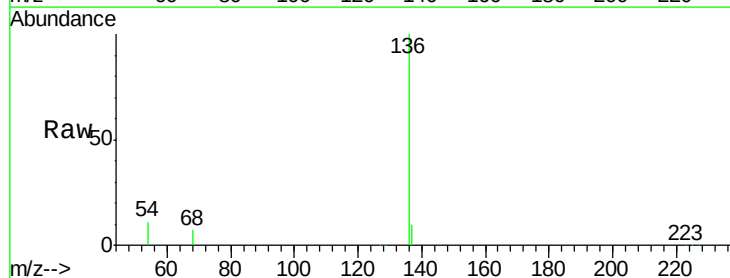
Ion Ratio Lower Upper

136 100

137 10.4 8.3 12.5

54 10.6 9.2 13.8

68 6.6 5.5 8.3

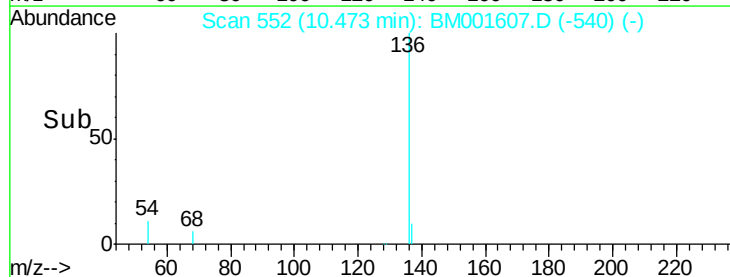
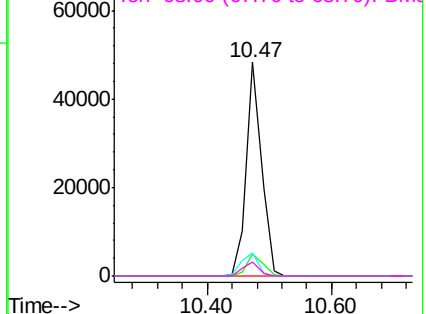


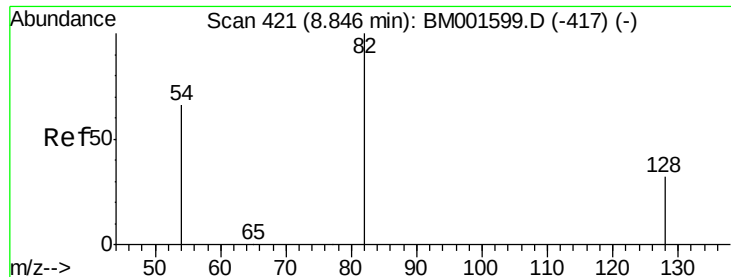
Abundance Ion 136.00 (135.70 to 136.70): BM001599.D (-546) (-)

Ion 137.00 (136.70 to 137.70): BM001599.D (-546) (-)

Ion 54.00 (53.70 to 54.70): BM001599.D (-546) (-)

Ion 68.00 (67.70 to 68.70): BM001599.D (-546) (-)





#7

Nitrobenzene-d5

Concen: 9.71 ng

RT: 8.85 min Scan# 421

Delta R.T. 0.00 min

Lab File: BM001607.D

Acq: 09 Jun 2015 05:24

Instrument :

BNA_M

ClientSampleId :

PB83802BL

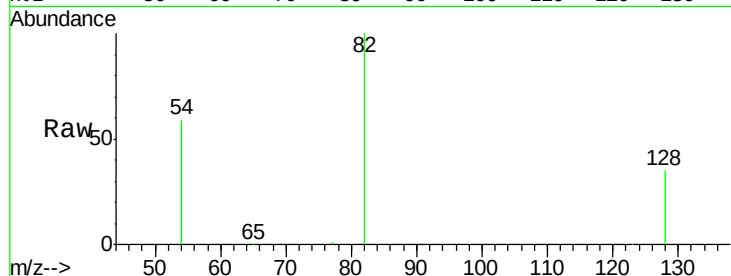
Tgt Ion: 82 Resp: 55918

Ion Ratio Lower Upper

82 100

128 34.6 26.6 40.0

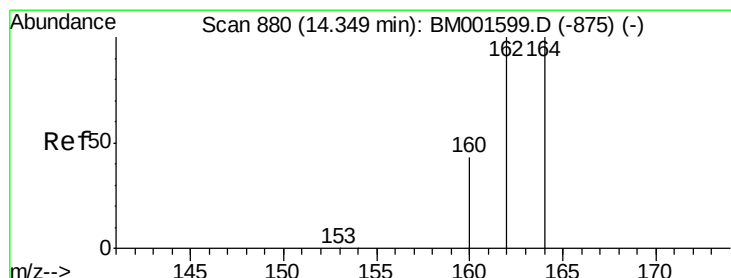
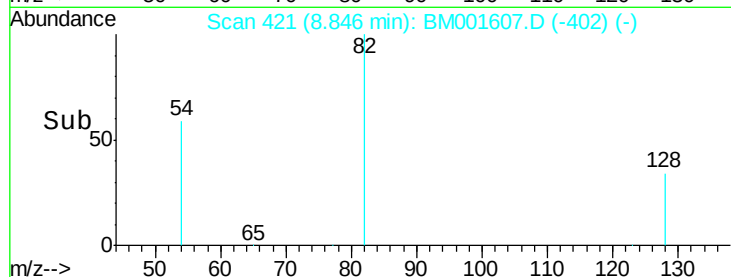
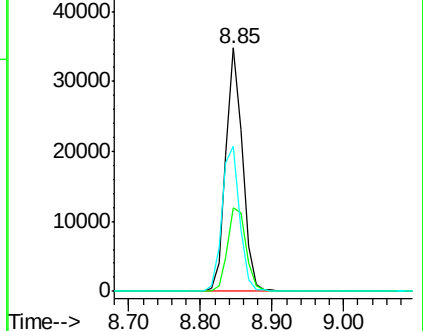
54 59.4 53.0 79.6



Abundance Ion 82.00 (81.70 to 82.70): BM001599.D (-417) (-)

Ion 128.00 (127.70 to 128.70): BM001599.D (-417) (-)

Ion 54.00 (53.70 to 54.70): BM001599.D (-417) (-)



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.35 min Scan# 880

Delta R.T. 0.01 min

Lab File: BM001607.D

Acq: 09 Jun 2015 05:24

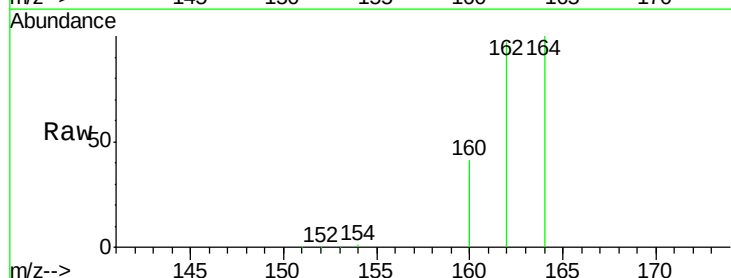
Tgt Ion: 164 Resp: 36926

Ion Ratio Lower Upper

164 100

162 97.0 79.8 119.6

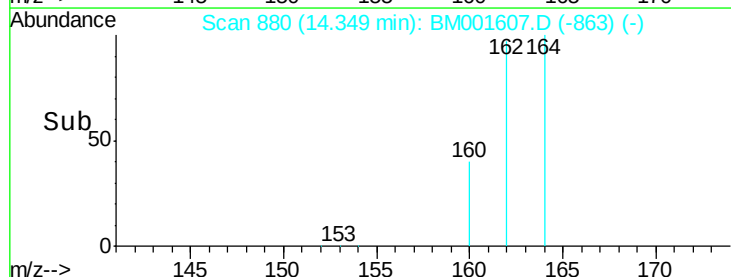
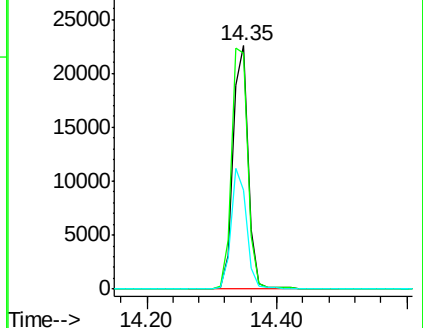
160 40.6 34.6 51.8

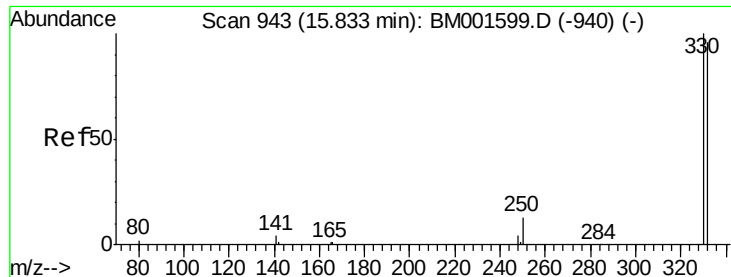


Abundance Ion 164.00 (163.70 to 164.70): BM001599.D (-875) (-)

Ion 162.00 (161.70 to 162.70): BM001599.D (-875) (-)

Ion 160.00 (159.70 to 160.70): BM001599.D (-875) (-)

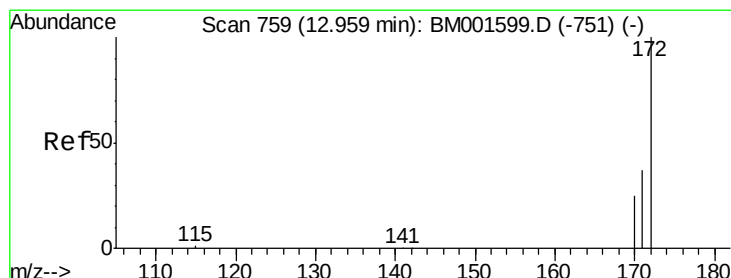
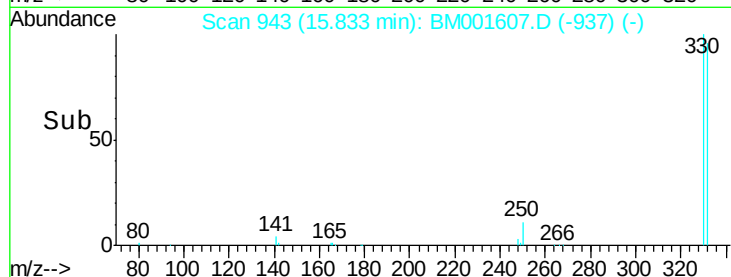
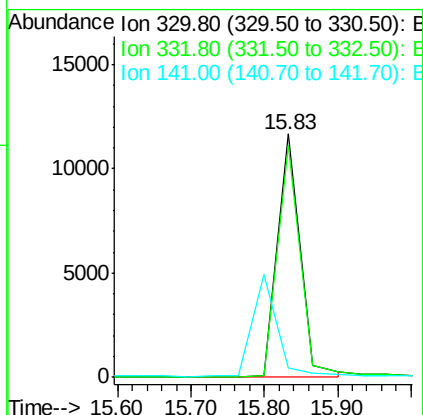
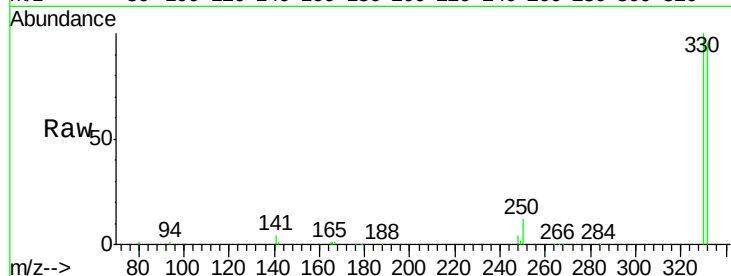




#13
 2,4,6-Tribromophenol
 Concen: 14.11 ng
 RT: 15.83 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BM001607.D
 Acq: 09 Jun 2015 05:24

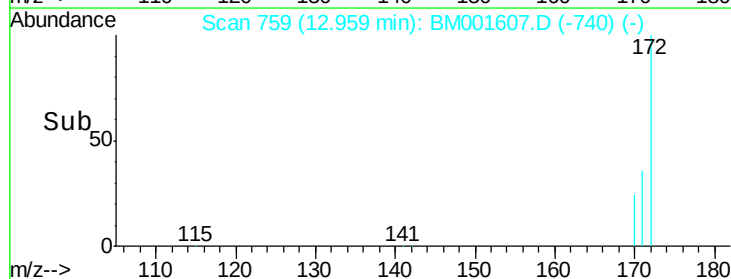
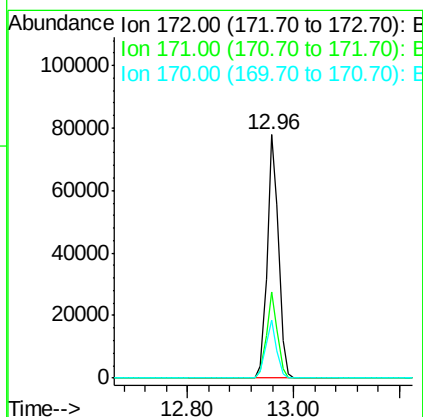
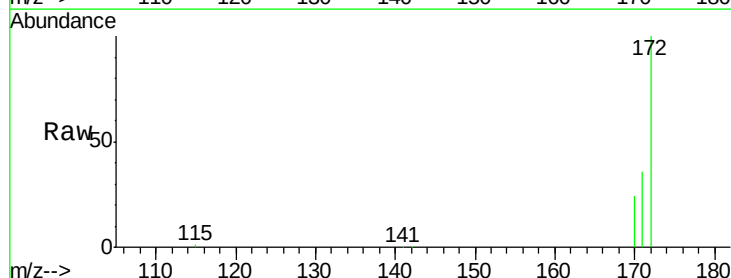
Instrument :
 BNA_M
 ClientSampleId :
 PB83802BL

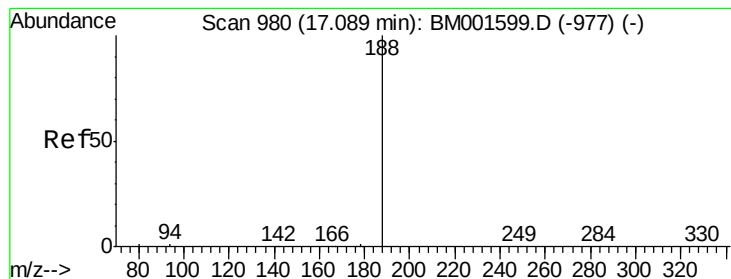
Tgt Ion:330 Resp: 25175
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.7 115.1
 141 0.0 0.0 0.0



#14
 2-Fluorobiphenyl
 Concen: 9.53 ng
 RT: 12.96 min Scan# 759
 Delta R.T. -0.01 min
 Lab File: BM001607.D
 Acq: 09 Jun 2015 05:24

Tgt Ion:172 Resp: 114493
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.6 44.4
 170 24.0 20.6 31.0





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.09 min Scan# 980

Delta R.T. 0.03 min

Lab File: BM001607.D

Acq: 09 Jun 2015 05:24

Instrument :

BNA_M

ClientSampleId :

PB83802BL

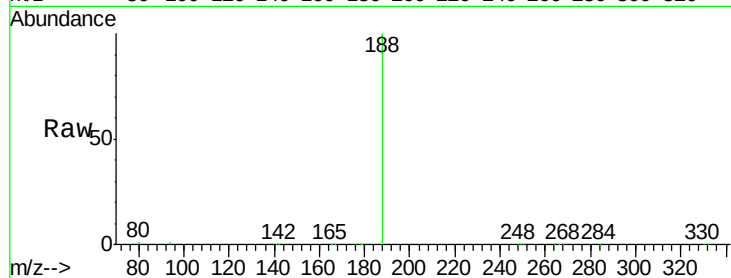
Tgt Ion:188 Resp: 46036

Ion Ratio Lower Upper

188 100

94 1.4 1.0 1.6

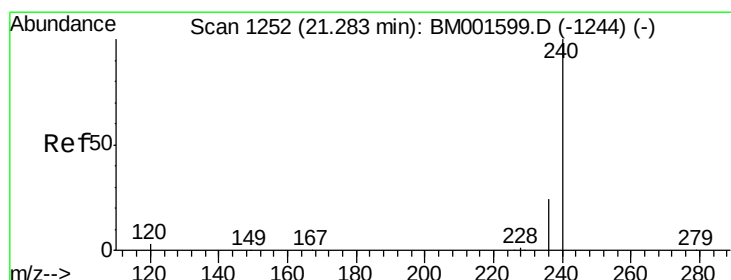
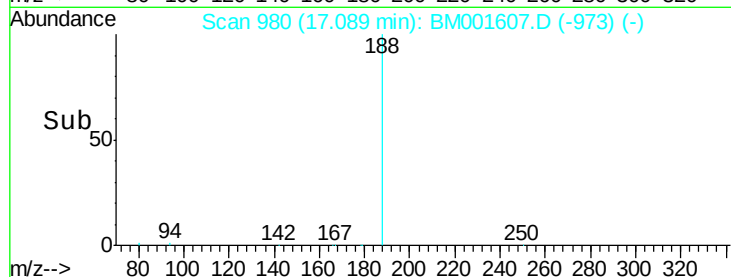
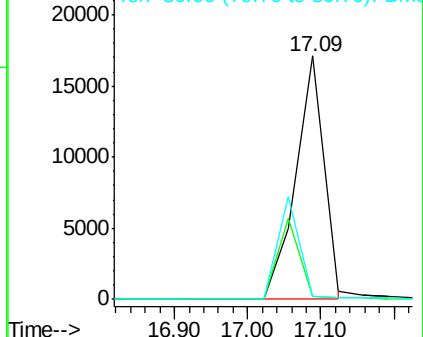
80 1.5 1.0 1.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM001607.D (-973) (-)

Ion 80.00 (79.70 to 80.70): BM001607.D (-973) (-)



#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.28 min Scan# 1252

Delta R.T. 0.00 min

Lab File: BM001607.D

Acq: 09 Jun 2015 05:24

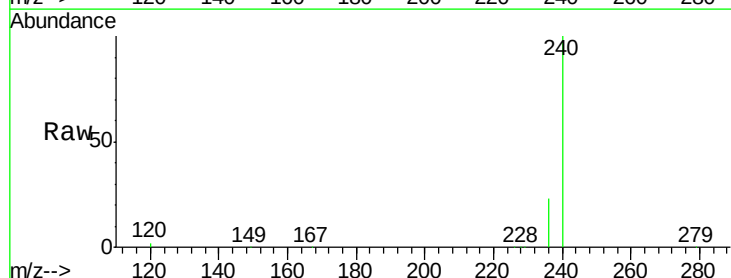
Tgt Ion:240 Resp: 62384

Ion Ratio Lower Upper

240 100

120 2.1 2.2 3.4#

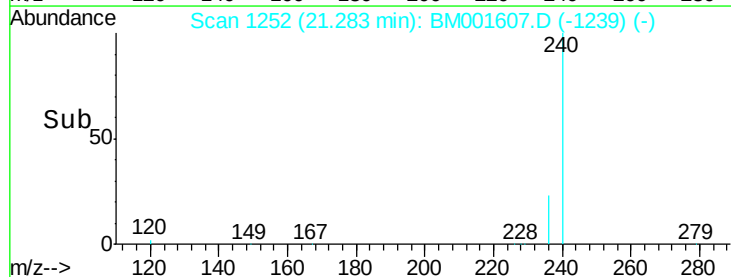
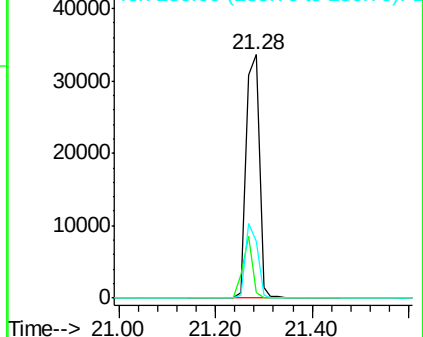
236 23.2 19.6 29.4

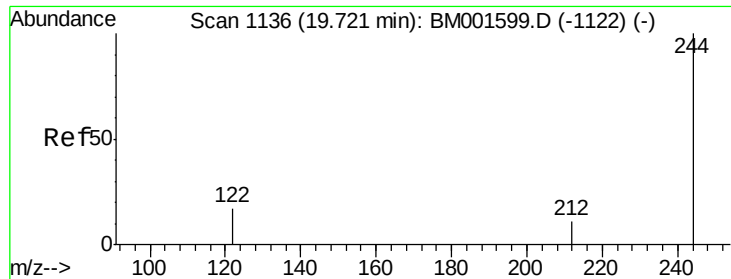


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Terphenyl-d14

Concen: 9.75 ng

RT: 19.72 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BM001607.D

Acq: 09 Jun 2015 05:24

Instrument :

BNA_M

ClientSampleId :

PB83802BL

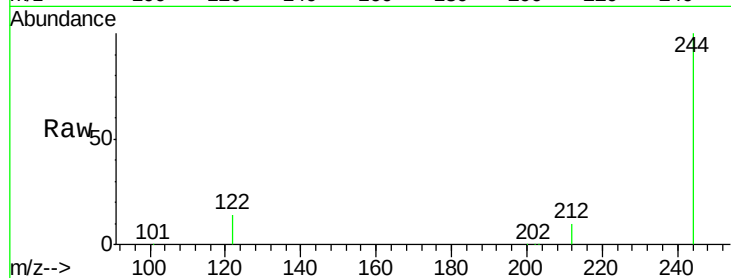
Tgt Ion:244 Resp: 79392

Ion Ratio Lower Upper

244 100

212 10.4 9.2 13.8

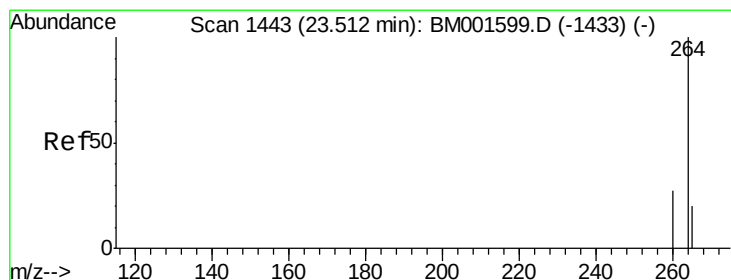
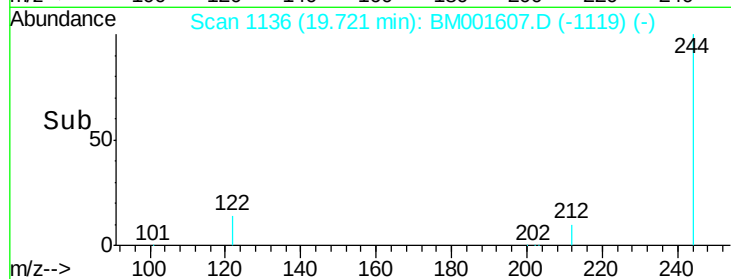
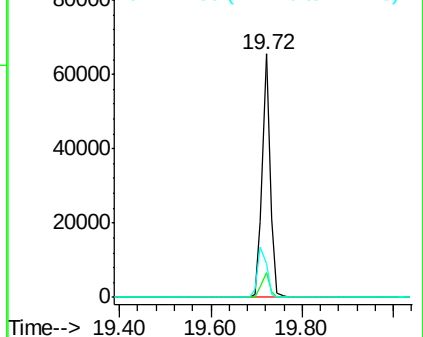
122 13.8 14.5 21.7#



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



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.51 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BM001607.D

Acq: 09 Jun 2015 05:24

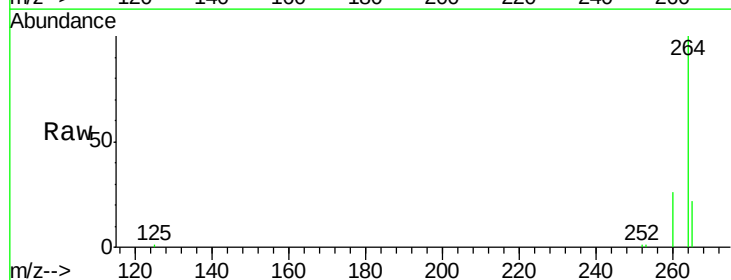
Tgt Ion:264 Resp: 55904

Ion Ratio Lower Upper

264 100

260 25.6 21.8 32.6

265 21.6 16.8 25.2



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

