

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060815\
 Data File : BM001616.D
 Acq On : 09 Jun 2015 12:58
 Operator : TP/IZ
 Sample : PB83893BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB83893BL

Quant Time: Jun 10 03:53:45 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 10 03:26:36 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	19408	5.00	ng	0.00
6) Naphthalene-d8	10.47	136	67702	5.00	ng	0.00
12) Acenaphthene-d10	14.35	164	30354	5.00	ng	0.00
18) Phenanthrene-d10	17.09	188	37776	5.00	ng	0.00
25) Chrysene-d12	21.28	240	47672	5.00	ng	0.00
32) Perylene-d12	23.51	264	43779	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	62812	14.23	ng	0.00
5) Phenol-d6	6.84	99	79357	14.63	ng	0.00
7) Nitrobenzene-d5	8.85	82	47450	9.95	ng	0.00
13) 2,4,6-Tribromophenol	15.83	330	20531	14.00	ng	0.00
14) 2-Fluorobiphenyl	12.96	172	92989	9.41	ng	0.00
27) Terphenyl-d14	19.72	244	60943	9.80	ng	0.00

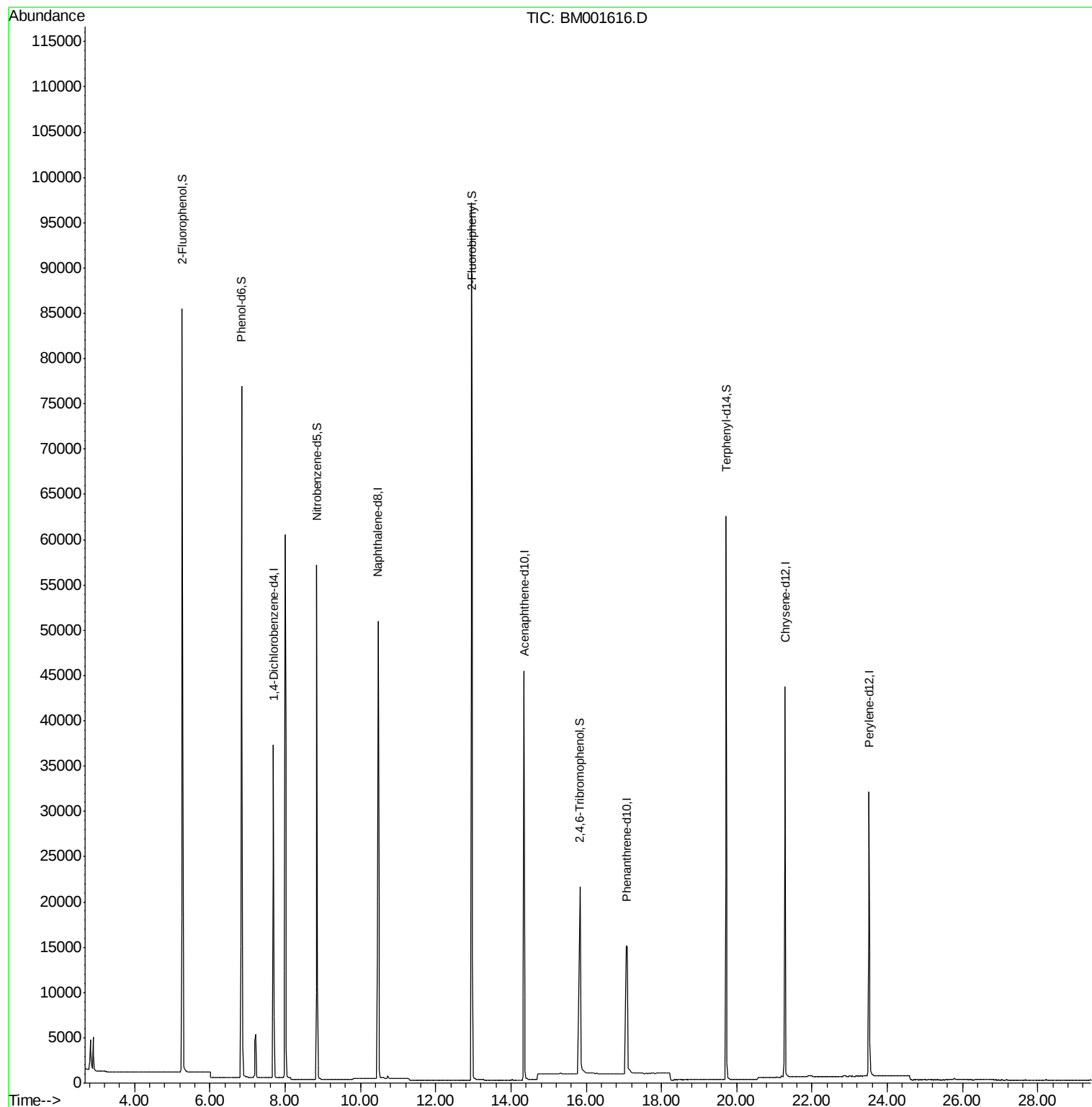
Target Compounds	Qvalue
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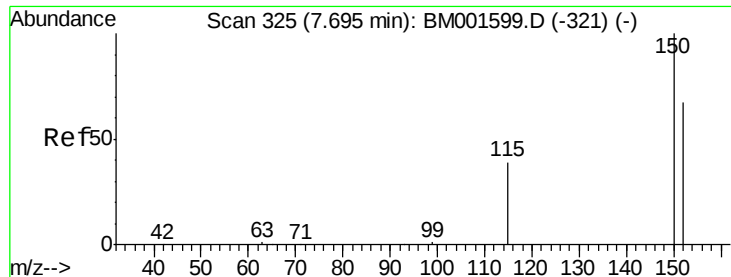
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.69 min Scan# 325

Delta R.T. 0.00 min

Lab File: BM001616.D

Acq: 09 Jun 2015 12:58

Instrument :

BNA_M

ClientSampleId :

PB83893BL

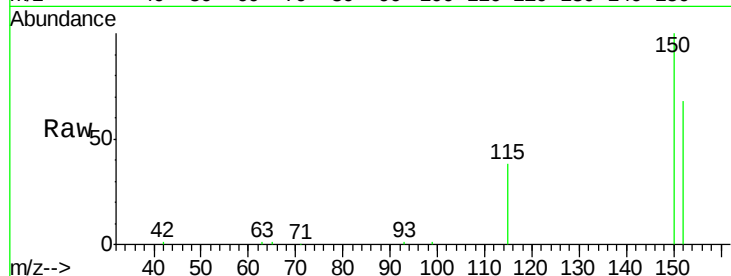
Tgt Ion:152 Resp: 19408

Ion Ratio Lower Upper

152 100

150 148.0 120.1 180.1

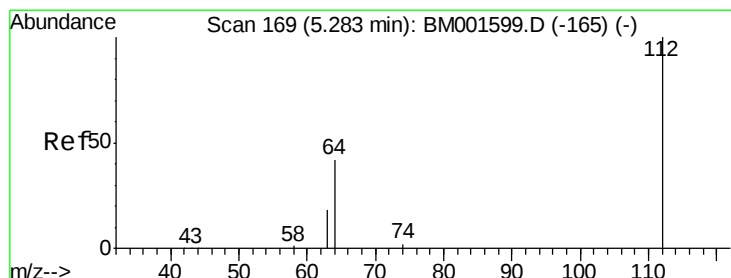
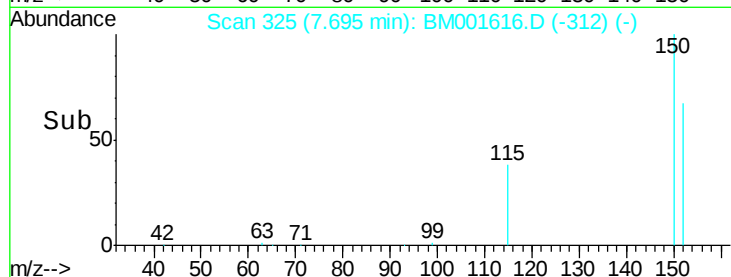
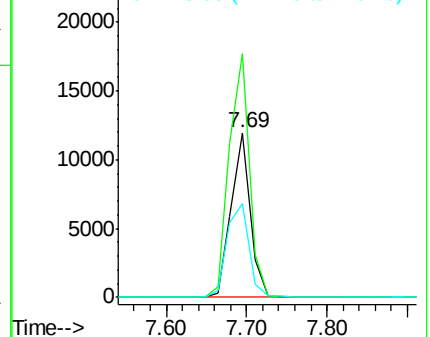
115 56.8 47.0 70.6



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: 14.23 ng

RT: 5.27 min Scan# 168

Delta R.T. 0.00 min

Lab File: BM001616.D

Acq: 09 Jun 2015 12:58

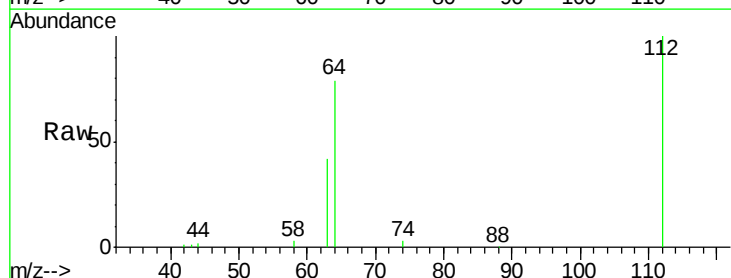
Tgt Ion:112 Resp: 62812

Ion Ratio Lower Upper

112 100

64 67.9 54.8 82.2

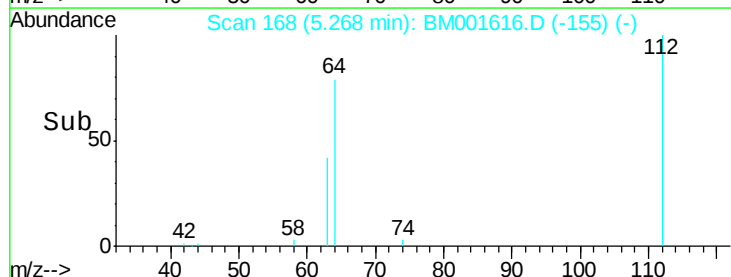
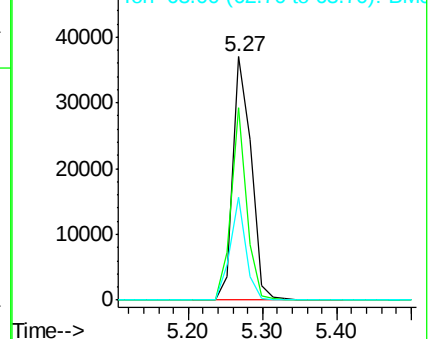
63 36.7 30.5 45.7

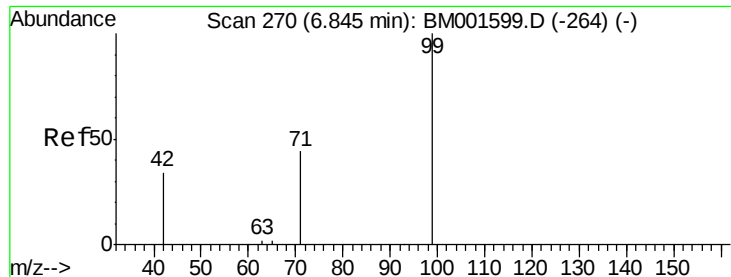


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 14.63 ng

RT: 6.84 min Scan# 270

Delta R.T. 0.00 min

Lab File: BM001616.D

Acq: 09 Jun 2015 12:58

Instrument :

BNA_M

ClientSampleId :

PB83893BL

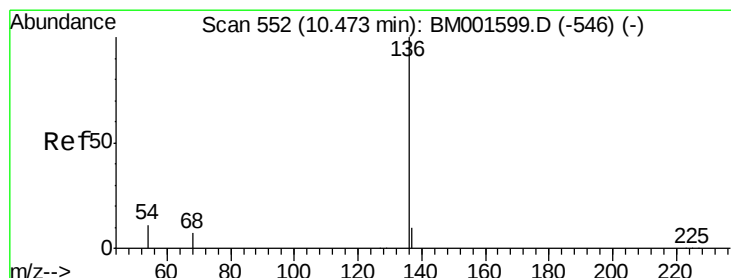
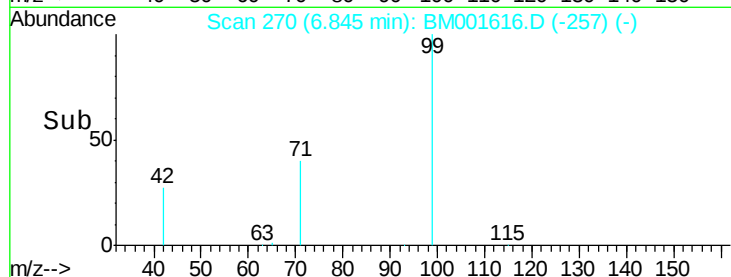
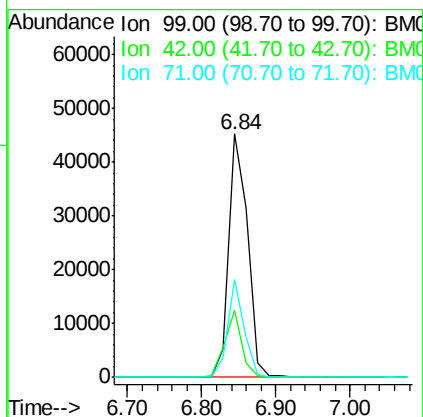
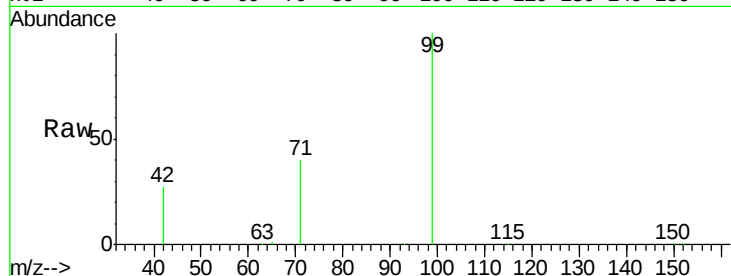
Tgt Ion: 99 Resp: 79357

Ion Ratio Lower Upper

99 100

42 24.5 21.6 32.4

71 35.0 28.7 43.1



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.47 min Scan# 552

Delta R.T. 0.00 min

Lab File: BM001616.D

Acq: 09 Jun 2015 12:58

Tgt Ion: 136 Resp: 67702

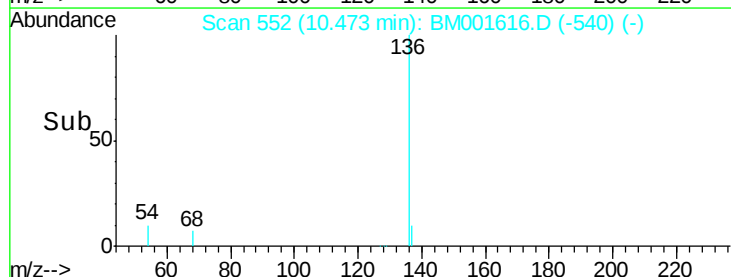
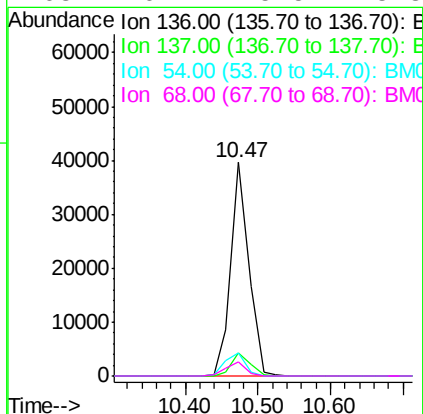
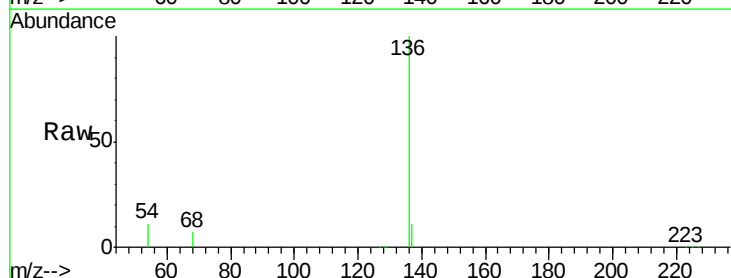
Ion Ratio Lower Upper

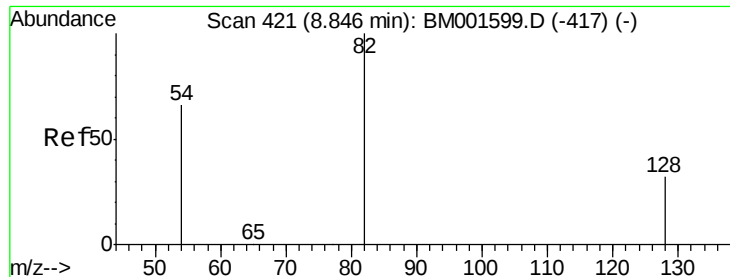
136 100

137 10.5 8.3 12.5

54 10.6 9.2 13.8

68 6.7 5.5 8.3





#7

Nitrobenzene-d5

Concen: 9.95 ng

RT: 8.85 min Scan# 421

Delta R.T. 0.00 min

Lab File: BM001616.D

Acq: 09 Jun 2015 12:58

Instrument :

BNA_M

ClientSampleId :

PB83893BL

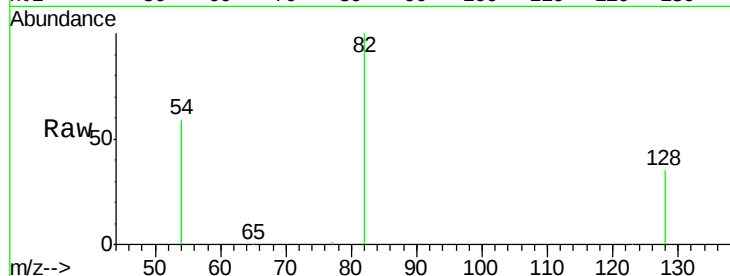
Tgt Ion: 82 Resp: 47450

Ion Ratio Lower Upper

82 100

128 35.0 26.6 40.0

54 59.1 53.0 79.6

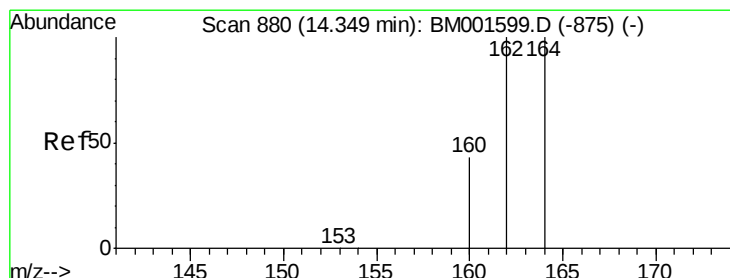
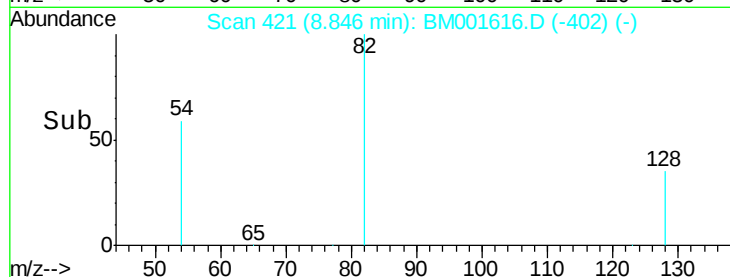
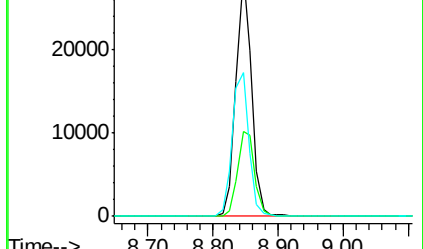


Abundance Ion 82.00 (81.70 to 82.70): BM001616.D (-402) (-)

Ion 128.00 (127.70 to 128.70): BM001616.D (-402) (-)

Ion 54.00 (53.70 to 54.70): BM001616.D (-402) (-)

Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.35 min Scan# 880

Delta R.T. 0.00 min

Lab File: BM001616.D

Acq: 09 Jun 2015 12:58

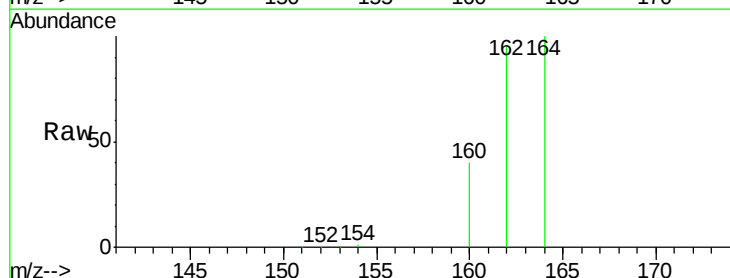
Tgt Ion: 164 Resp: 30354

Ion Ratio Lower Upper

164 100

162 95.5 79.8 119.6

160 39.6 34.6 51.8

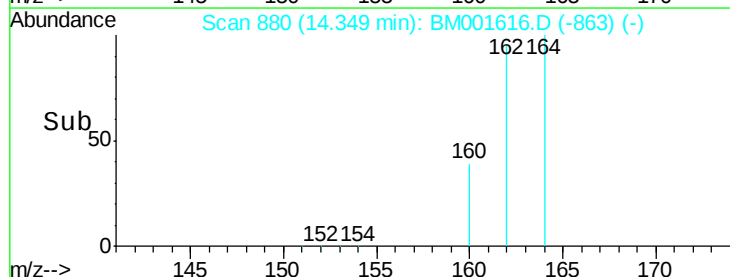
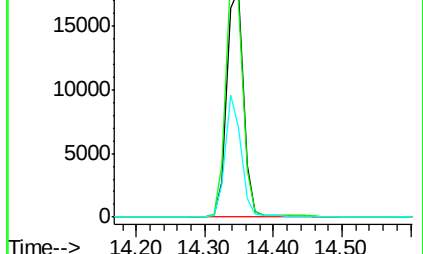


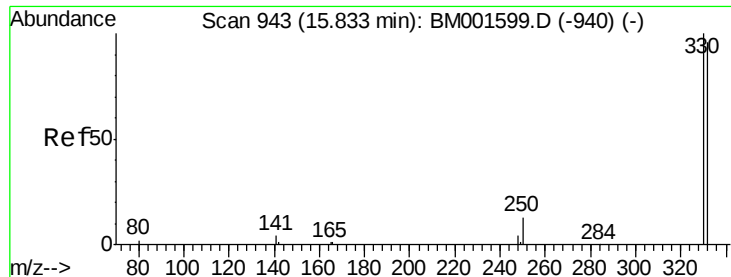
Abundance Ion 164.00 (163.70 to 164.70): BM001616.D (-863) (-)

Ion 162.00 (161.70 to 162.70): BM001616.D (-863) (-)

Ion 160.00 (159.70 to 160.70): BM001616.D (-863) (-)

Time-->

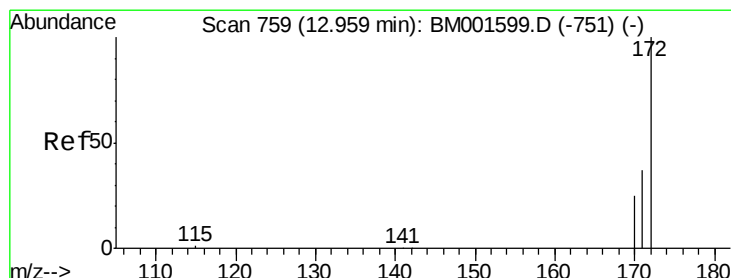
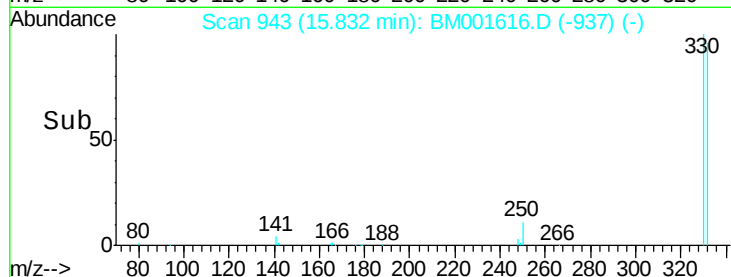
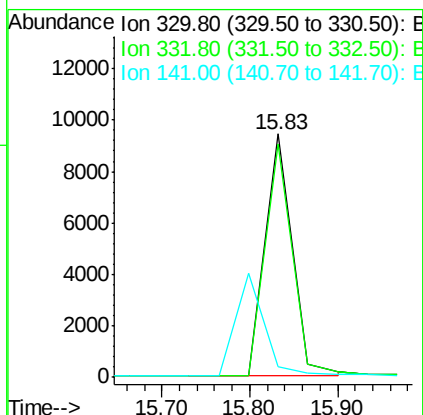
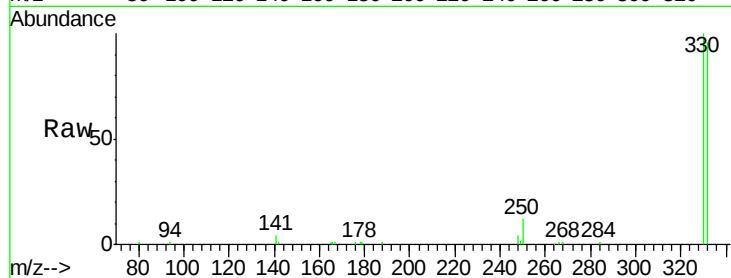




#13
 2,4,6-Tribromophenol
 Concen: 14.00 ng
 RT: 15.83 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BM001616.D
 Acq: 09 Jun 2015 12:58

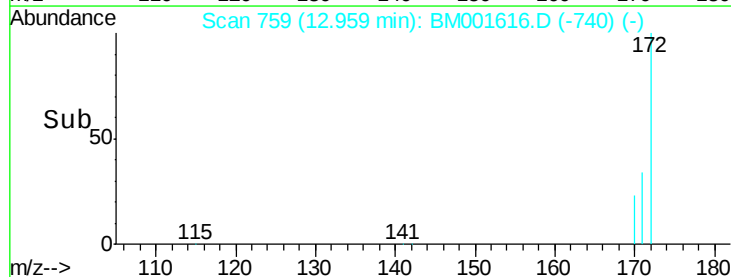
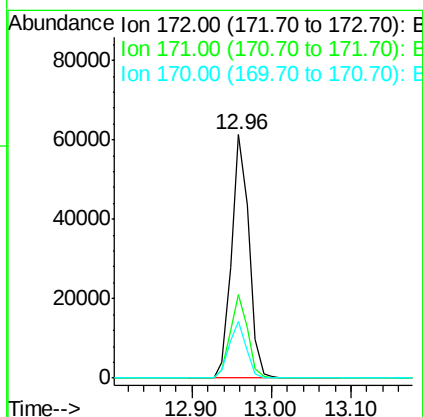
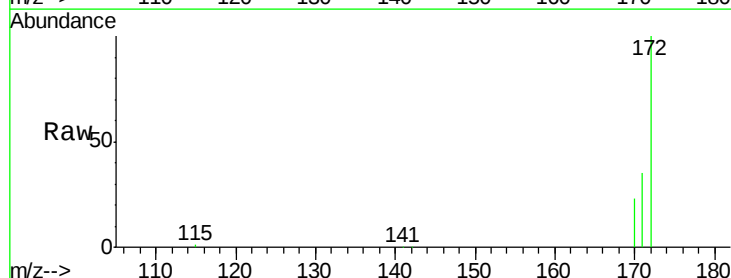
Instrument :
 BNA_M
 ClientSampleId :
 PB83893BL

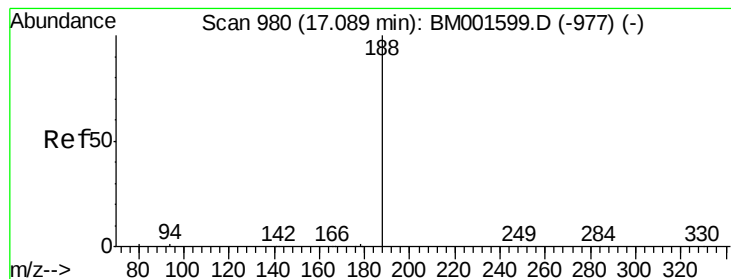
Tgt Ion:330 Resp: 20531
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.7 115.1
 141 0.0 0.0 0.0



#14
 2-Fluorobiphenyl
 Concen: 9.41 ng
 RT: 12.96 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BM001616.D
 Acq: 09 Jun 2015 12:58

Tgt Ion:172 Resp: 92989
 Ion Ratio Lower Upper
 172 100
 171 34.5 29.6 44.4
 170 23.2 20.6 31.0





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.09 min Scan# 980

Delta R.T. 0.00 min

Lab File: BM001616.D

Acq: 09 Jun 2015 12:58

Instrument :

BNA_M

ClientSampleId :

PB83893BL

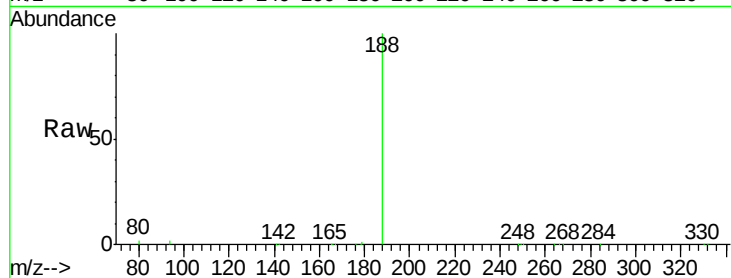
Tgt Ion:188 Resp: 37776

Ion Ratio Lower Upper

188 100

94 1.6 1.0 1.6#

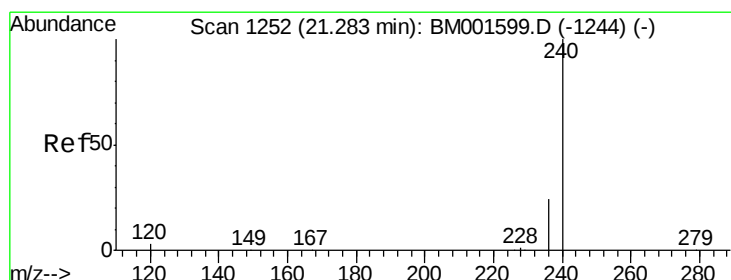
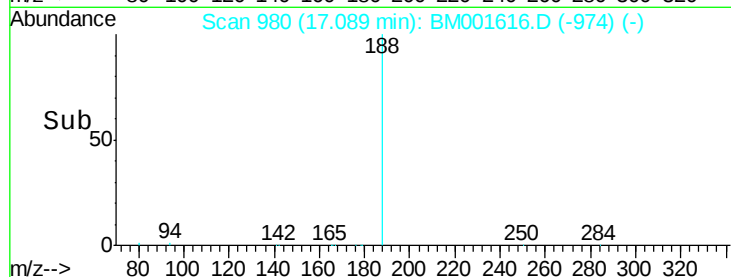
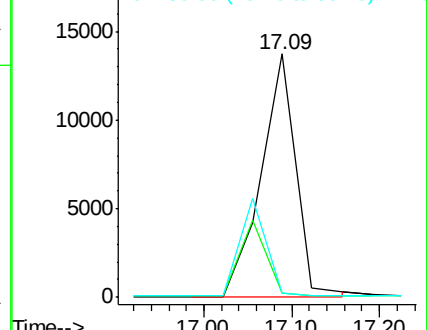
80 1.7 1.0 1.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.28 min Scan# 1252

Delta R.T. 0.00 min

Lab File: BM001616.D

Acq: 09 Jun 2015 12:58

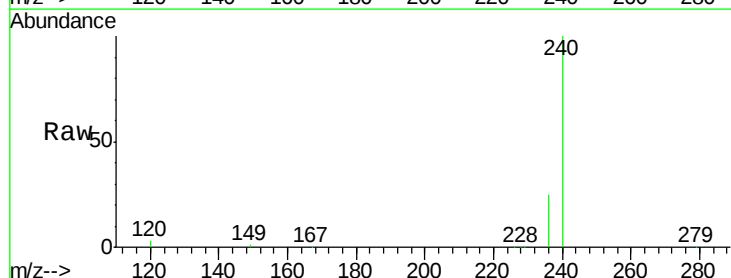
Tgt Ion:240 Resp: 47672

Ion Ratio Lower Upper

240 100

120 3.4 2.2 3.4#

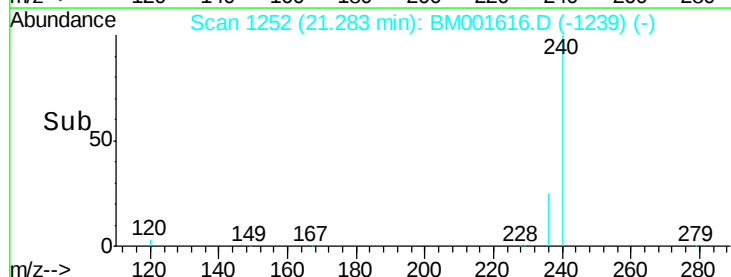
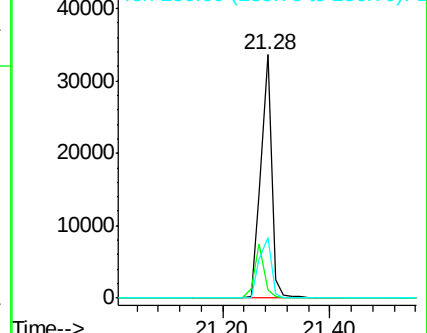
236 25.0 19.6 29.4

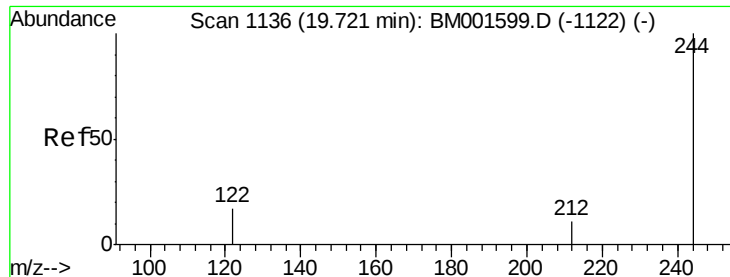


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Terphenyl-d14

Concen: 9.80 ng

RT: 19.72 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BM001616.D

Acq: 09 Jun 2015 12:58

Instrument :

BNA_M

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PB83893BL

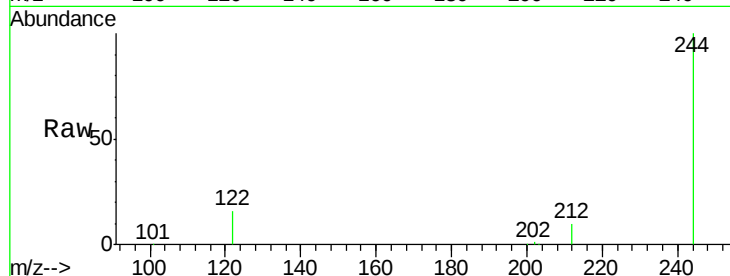
Tgt Ion:244 Resp: 60943

Ion Ratio Lower Upper

244 100

212 10.3 9.2 13.8

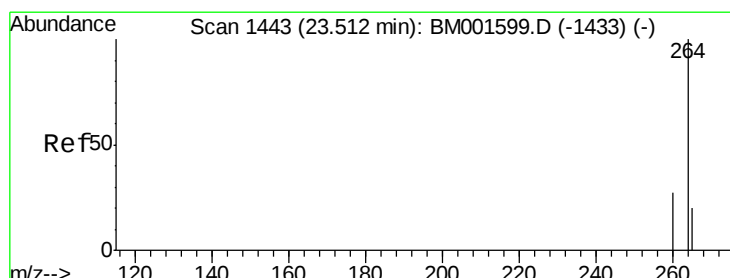
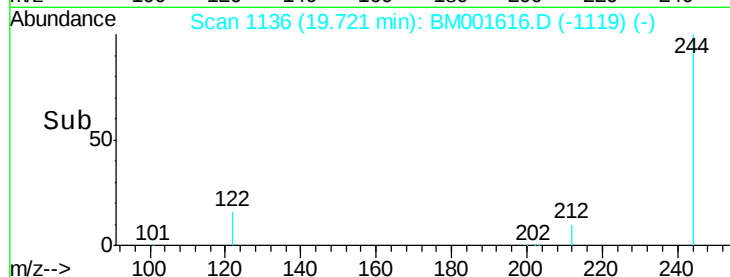
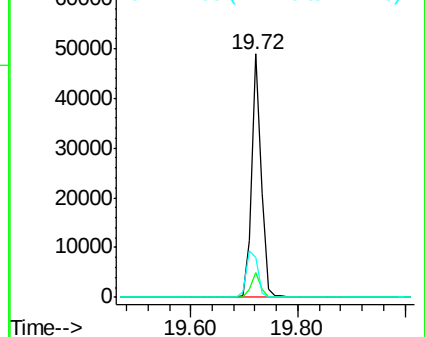
122 16.3 14.5 21.7



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. -0.01 min

Lab File: BM001616.D

Acq: 09 Jun 2015 12:58

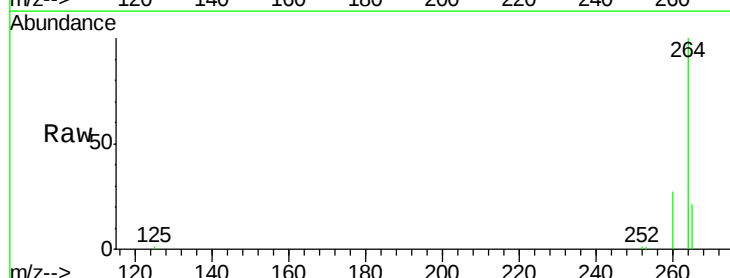
Tgt Ion:264 Resp: 43779

Ion Ratio Lower Upper

264 100

260 26.9 21.8 32.6

265 21.3 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

