

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061215\
 Data File : BM001661.D
 Acq On : 12 Jun 2015 04:50
 Operator : TP/IZ
 Sample : PB83950BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB83950BL

Quant Time: Jun 12 16:55:37 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM061215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 16:27:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	19657	5.00	ng	0.00
6) Naphthalene-d8	10.47	136	73037	5.00	ng	0.00
12) Acenaphthene-d10	14.34	164	36830	5.00	ng	0.00
18) Phenanthrene-d10	17.06	188	43878	5.00	ng	0.00
25) Chrysene-d12	21.27	240	56005	5.00	ng	0.00
32) Perylene-d12	23.50	264	42962	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	53462	11.49	ng	0.00
5) Phenol-d6	6.84	99	68612	11.73	ng	0.00
7) Nitrobenzene-d5	8.85	82	40544	7.25	ng	0.00
13) 2,4,6-Tribromophenol	15.83	330	18175	13.55	ng	0.00
14) 2-Fluorobiphenyl	12.96	172	93569	7.28	ng	0.00
27) Terphenyl-d14	19.72	244	72036	8.53	ng	0.00

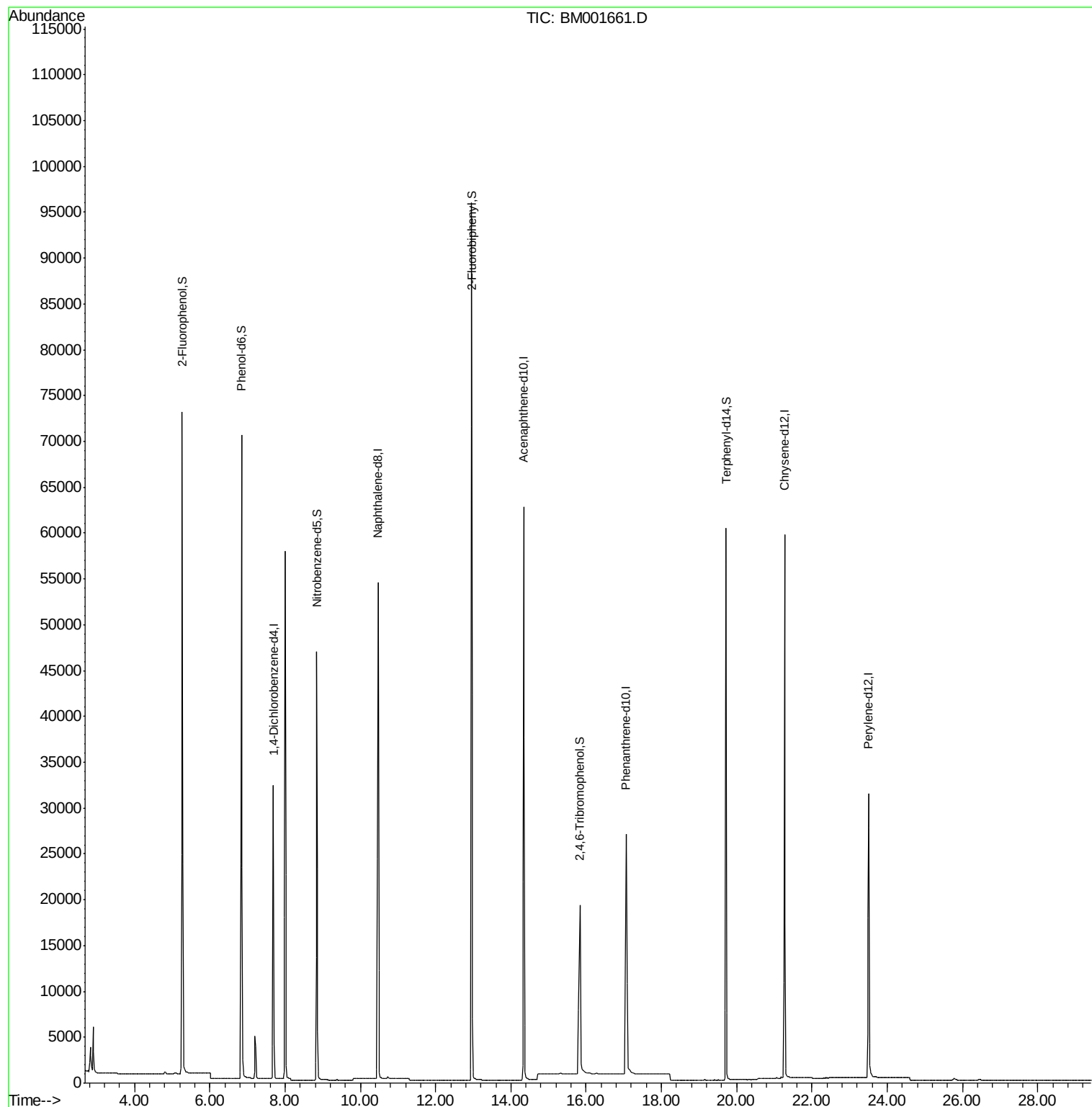
Target Compounds	Qvalue
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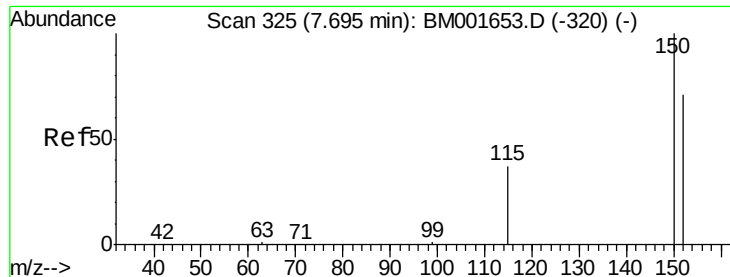
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM001661.D

Acq: 12 Jun 2015 04:50

Instrument :

BNA_M

ClientSampleId :

PB83950BL

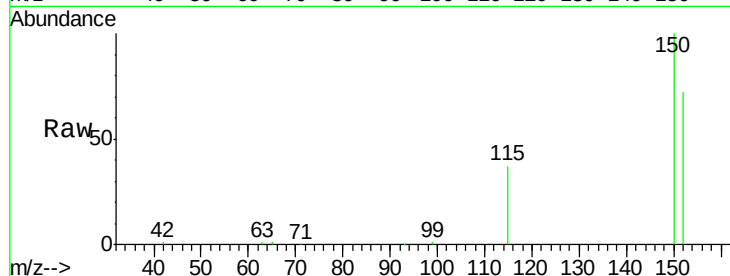
Tgt Ion:152 Resp: 19657

Ion Ratio Lower Upper

152 100

150 138.4 112.2 168.2

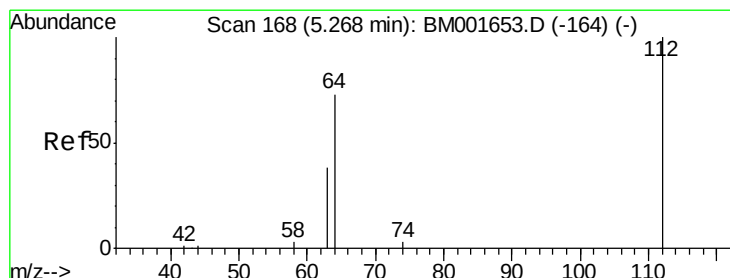
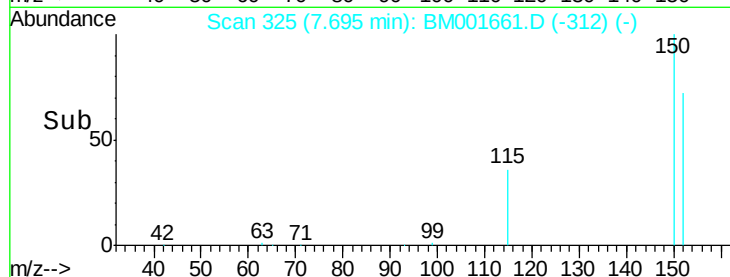
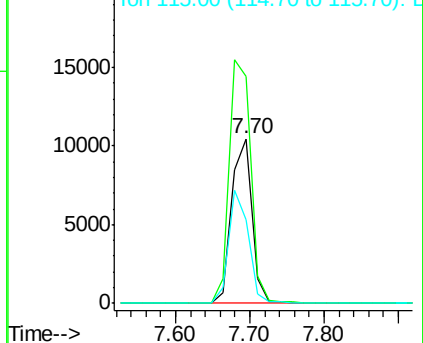
115 50.7 41.7 62.5



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: 11.49 ng

RT: 5.27 min Scan# 168

Delta R.T. 0.00 min

Lab File: BM001661.D

Acq: 12 Jun 2015 04:50

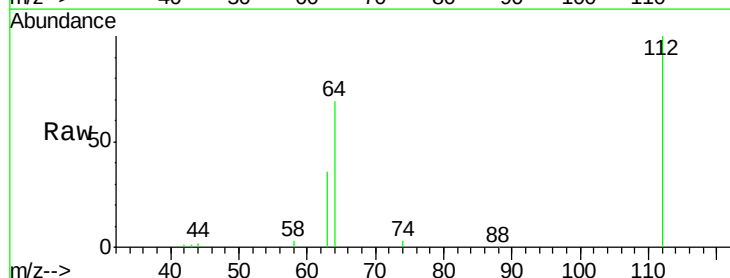
Tgt Ion:112 Resp: 53462

Ion Ratio Lower Upper

112 100

64 69.5 55.5 83.3

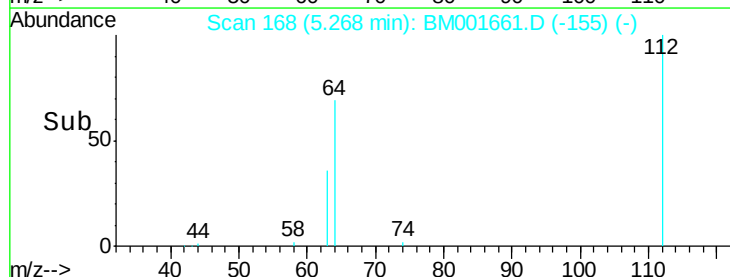
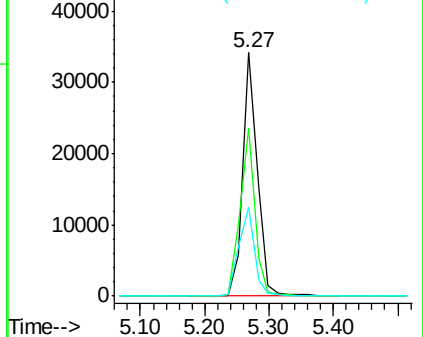
63 38.6 29.9 44.9

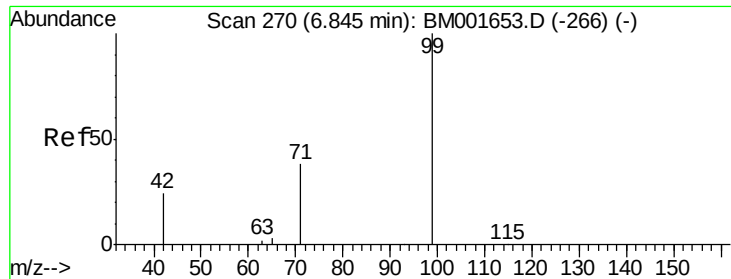


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 11.73 ng

RT: 6.84 min Scan# 270

Delta R.T. 0.00 min

Lab File: BM001661.D

Acq: 12 Jun 2015 04:50

Instrument :

BNA_M

ClientSampleId :

PB83950BL

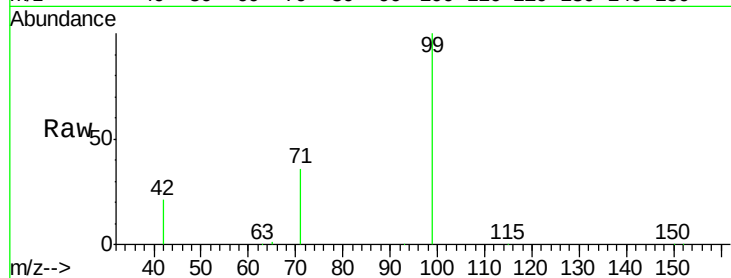
Tgt Ion: 99 Resp: 68612

Ion Ratio Lower Upper

99 100

42 26.2 21.6 32.4

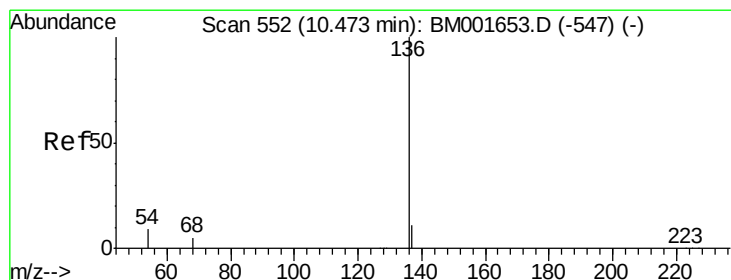
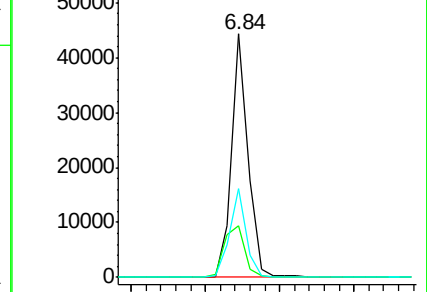
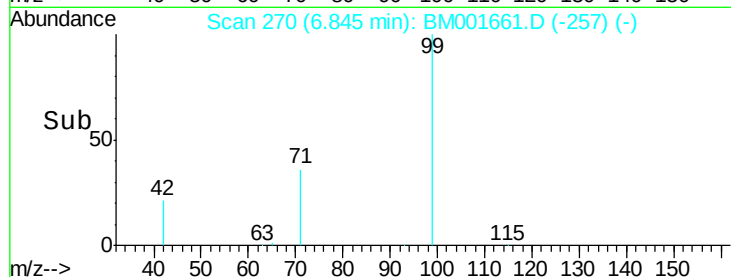
71 36.3 28.7 43.1



Abundance Ion 99.00 (98.70 to 99.70): BM001653.D (-266) (-)

Ion 42.00 (41.70 to 42.70): BM001653.D (-266) (-)

Ion 71.00 (70.70 to 71.70): BM001653.D (-266) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.47 min Scan# 552

Delta R.T. 0.00 min

Lab File: BM001661.D

Acq: 12 Jun 2015 04:50

Tgt Ion: 136 Resp: 73037

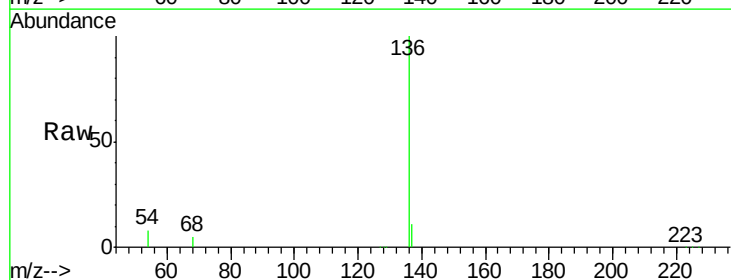
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 8.0 6.9 10.3

68 5.1 4.4 6.6

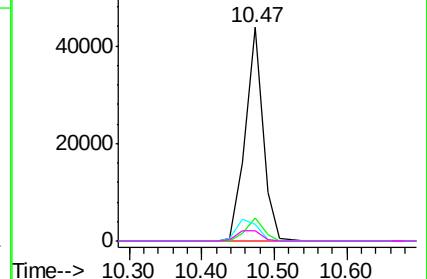
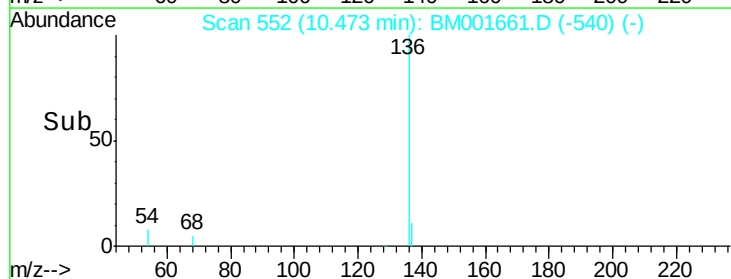


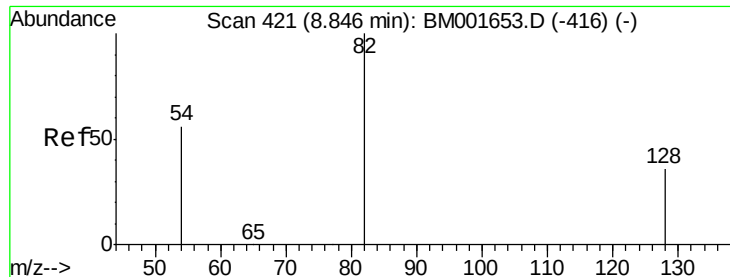
Abundance Ion 136.00 (135.70 to 136.70): BM001653.D (-547) (-)

Ion 137.00 (136.70 to 137.70): BM001653.D (-547) (-)

Ion 54.00 (53.70 to 54.70): BM001653.D (-547) (-)

Ion 68.00 (67.70 to 68.70): BM001653.D (-547) (-)





#7

Nitrobenzene-d5

Concen: 7.25 ng

RT: 8.85 min Scan# 421

Delta R.T. 0.00 min

Lab File: BM001661.D

Acq: 12 Jun 2015 04:50

Instrument :

BNA_M

ClientSampleId :

PB83950BL

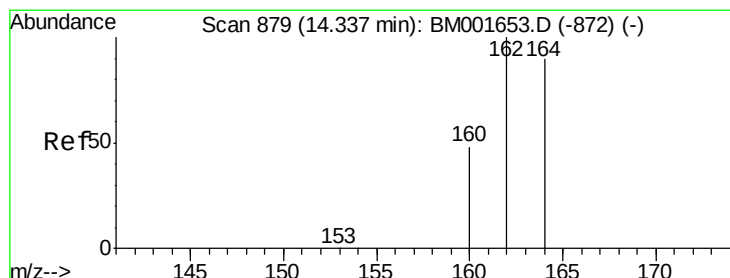
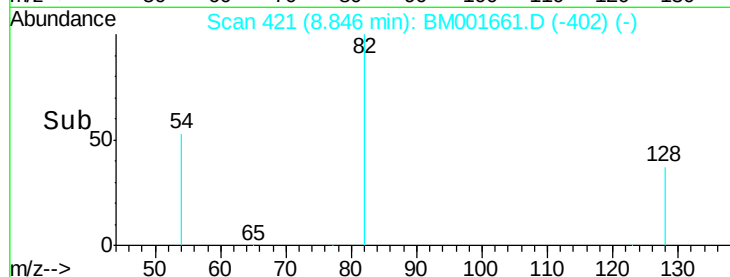
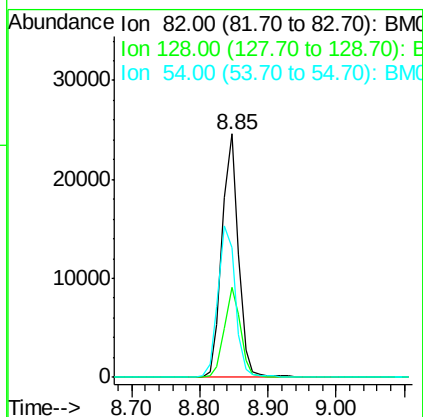
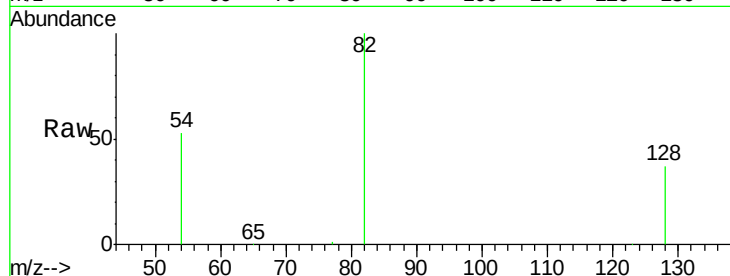
Tgt Ion: 82 Resp: 40544

Ion Ratio Lower Upper

82 100

128 36.9 29.7 44.5

54 53.1 45.1 67.7



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.34 min Scan# 879

Delta R.T. 0.00 min

Lab File: BM001661.D

Acq: 12 Jun 2015 04:50

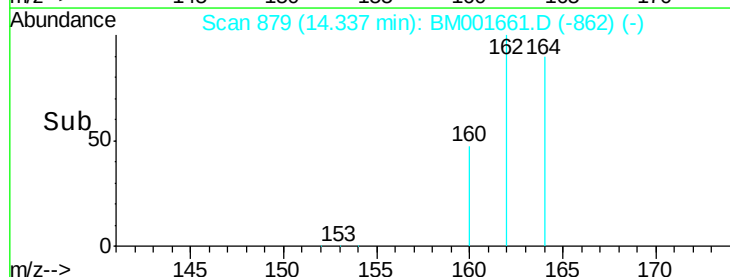
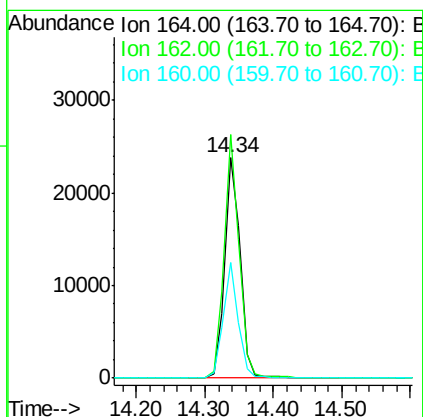
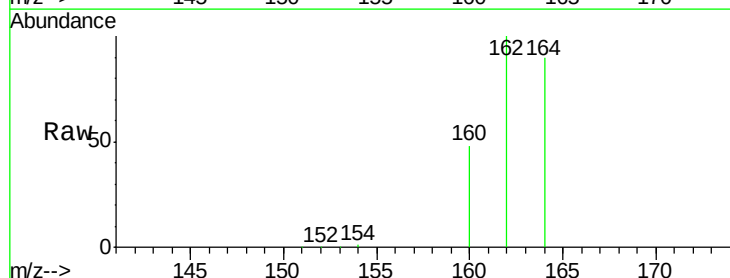
Tgt Ion: 164 Resp: 36830

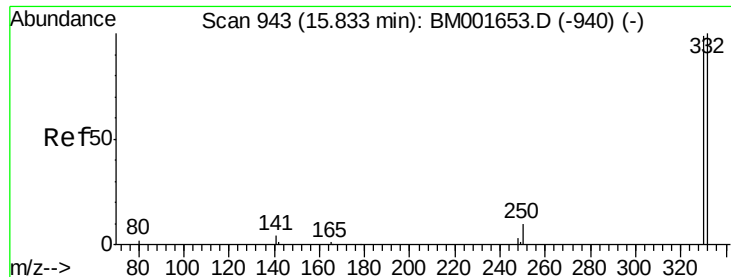
Ion Ratio Lower Upper

164 100

162 110.6 89.0 133.4

160 52.6 42.6 63.8

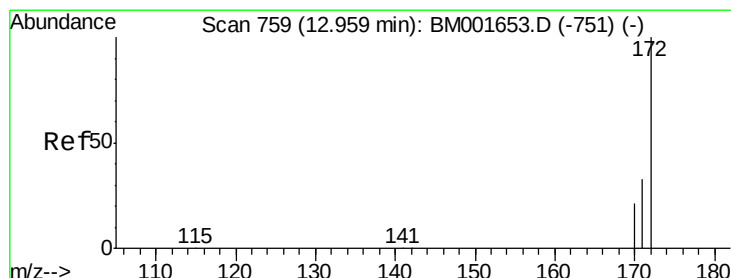
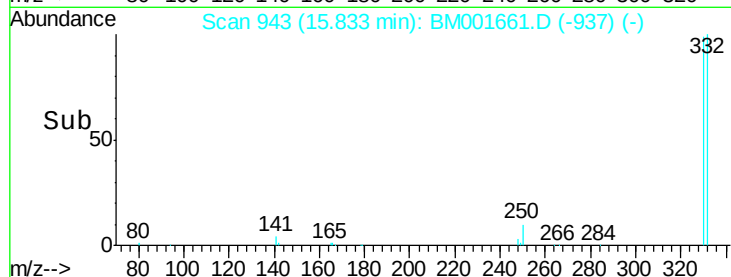
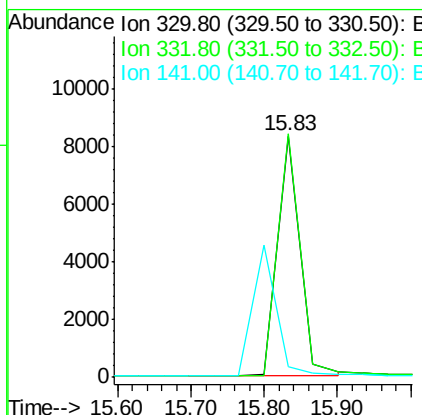
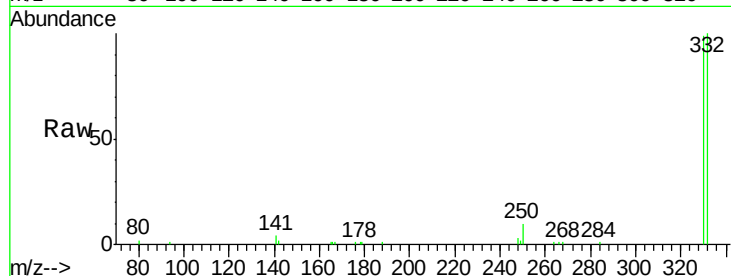




#13
 2,4,6-Tribromophenol
 Concen: 13.55 ng
 RT: 15.83 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BM001661.D
 Acq: 12 Jun 2015 04:50

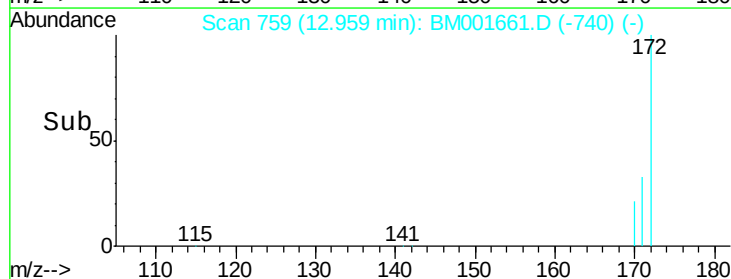
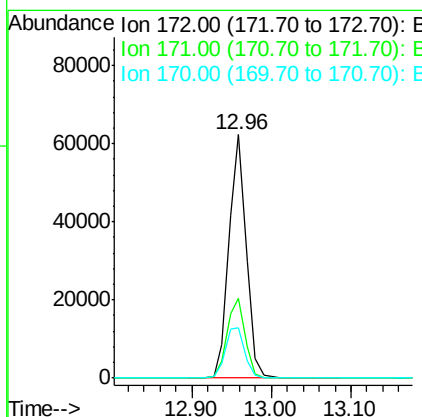
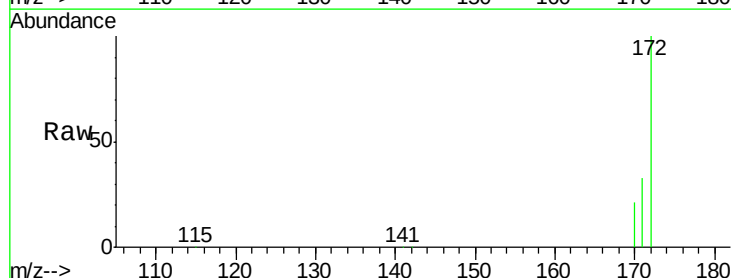
Instrument :
 BNA_M
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 PB83950BL

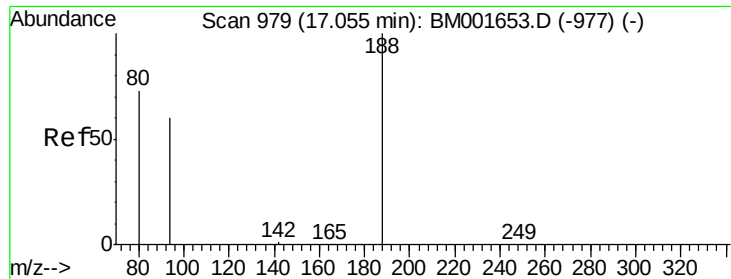
Tgt Ion:330 Resp: 18175
 Ion Ratio Lower Upper
 330 100
 332 100.9 80.6 120.8
 141 0.0 0.0 0.0



#14
 2-Fluorobiphenyl
 Concen: 7.28 ng
 RT: 12.96 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BM001661.D
 Acq: 12 Jun 2015 04:50

Tgt Ion:172 Resp: 93569
 Ion Ratio Lower Upper
 172 100
 171 32.6 26.6 40.0
 170 20.8 17.1 25.7

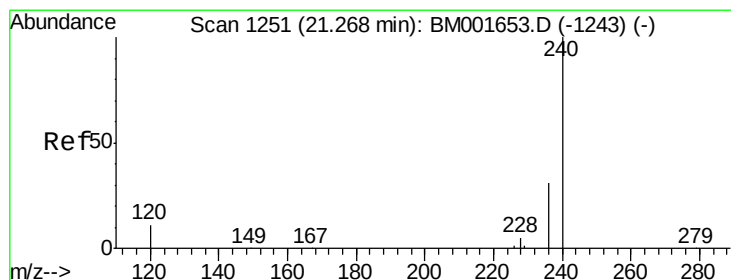
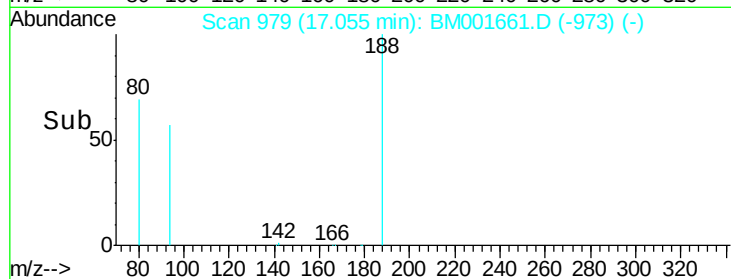
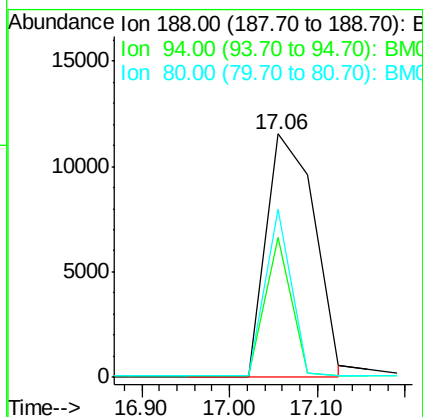
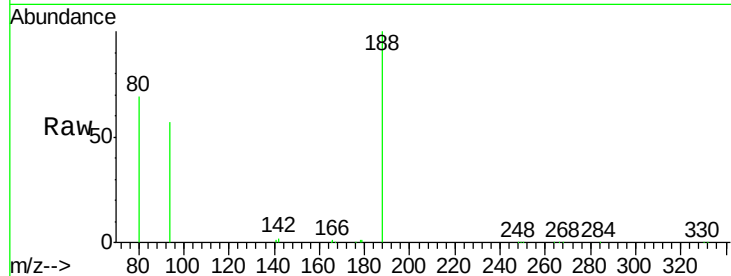




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 979
Delta R.T. 0.00 min
Lab File: BM001661.D
Acq: 12 Jun 2015 04:50

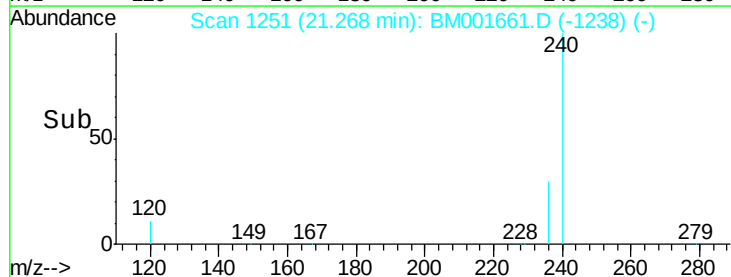
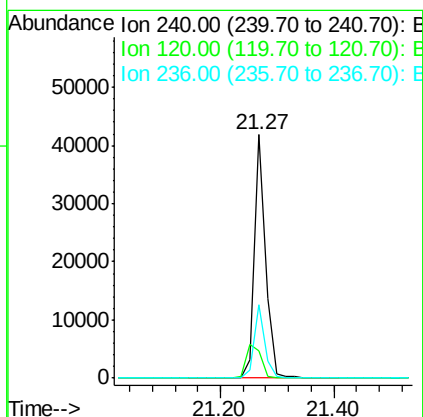
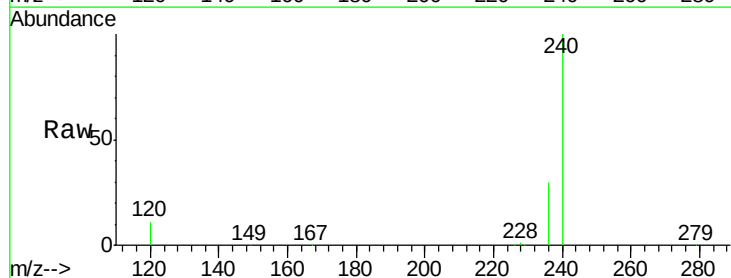
Instrument :
BNA_M
ClientSampleId :
PB83950BL

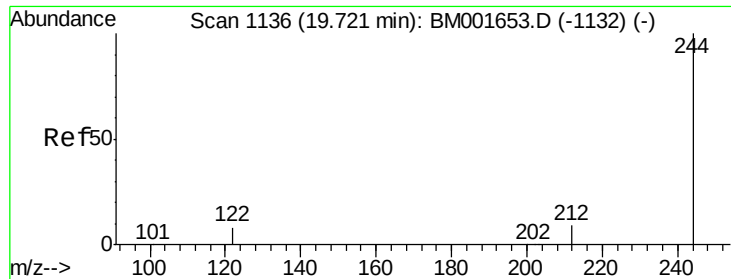
Tgt Ion:188 Resp: 43878
Ion Ratio Lower Upper
188 100
94 57.4 48.3 72.5
80 68.9 58.6 88.0



#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.27 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BM001661.D
Acq: 12 Jun 2015 04:50

Tgt Ion:240 Resp: 56005
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 30.0 24.6 36.8

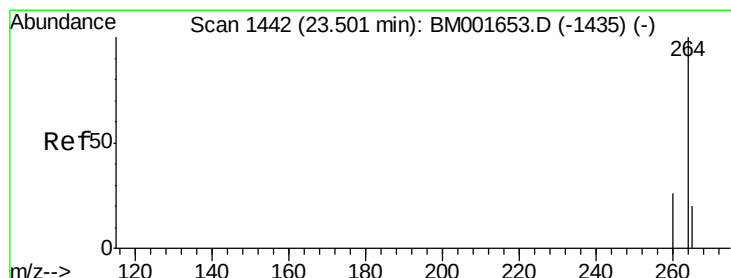
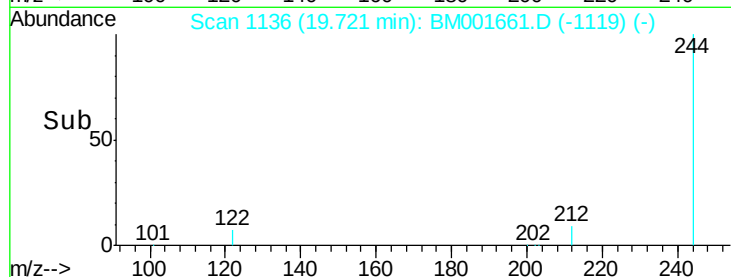
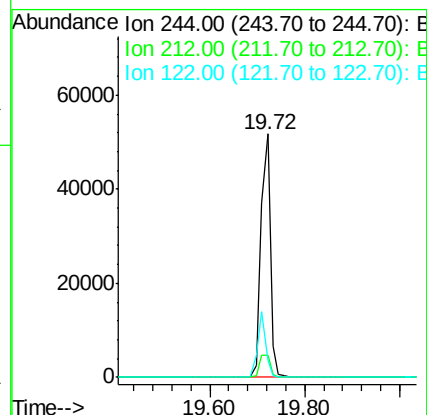
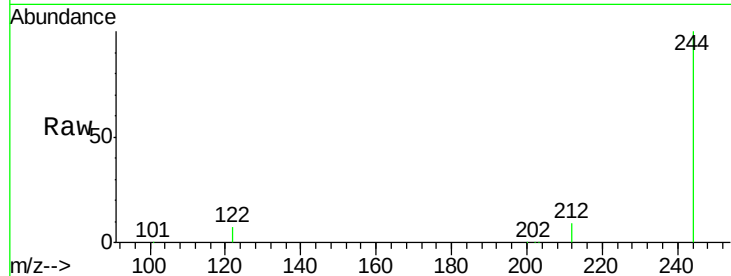




#27
 Terphenyl-d14
 Concen: 8.53 ng
 RT: 19.72 min Scan# 1136
 Delta R.T. 0.00 min
 Lab File: BM001661.D
 Acq: 12 Jun 2015 04:50

Instrument :
 BNA_M
 ClientSampleId :
 PB83950BL

Tgt Ion: 244 Resp: 72036
 Ion Ratio Lower Upper
 244 100
 212 9.2 7.7 11.5
 122 6.9 6.9 10.3



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.50 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BM001661.D
 Acq: 12 Jun 2015 04:50

Tgt Ion: 264 Resp: 42962
 Ion Ratio Lower Upper
 264 100
 260 26.3 20.8 31.2
 265 21.1 16.9 25.3

