

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061215\
 Data File : BM001672.D
 Acq On : 12 Jun 2015 11:28
 Operator : TP/IZ
 Sample : G2576-14
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SHB11W

Quant Time: Jun 12 18:04:53 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

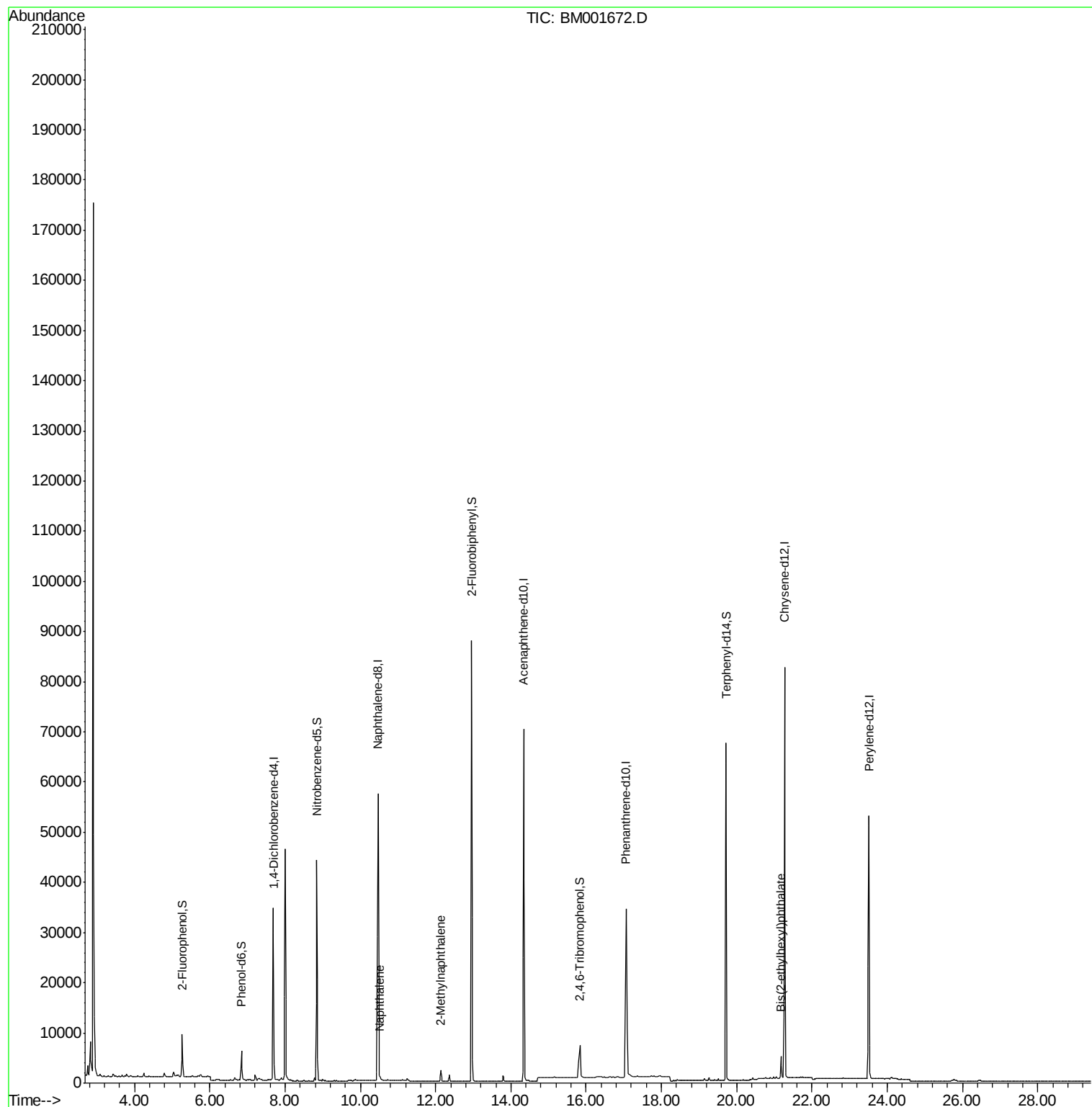
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	20134	5.00	ng	0.00
6) Naphthalene-d8	10.47	136	78957	5.00	ng	0.00
12) Acenaphthene-d10	14.34	164	40686	5.00	ng	0.00
18) Phenanthrene-d10	17.06	188	53161	5.00	ng	0.00
25) Chrysene-d12	21.27	240	81047	5.00	ng	0.00
32) Perylene-d12	23.51	264	70785	5.00	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	6362	1.33	ng	0.00
5) Phenol-d6	6.84	99	5790	0.97	ng	0.00
7) Nitrobenzene-d5	8.85	82	39779	6.58	ng	0.00
13) 2,4,6-Tribromophenol	15.83	330	6190	4.18	ng	0.00
14) 2-Fluorobiphenyl	12.96	172	84685	5.96	ng	0.00
27) Terphenyl-d14	19.72	244	81005	6.63	ng	0.00
Target Compounds						
9) Naphthalene	10.52	128	1162	0.06	ng	# 77
11) 2-Methylnaphthalene	12.14	142	1714	0.14	ng	# 83
30) Bis(2-ethylhexyl)phthalate	21.18	149	5875	0.53	ng	99

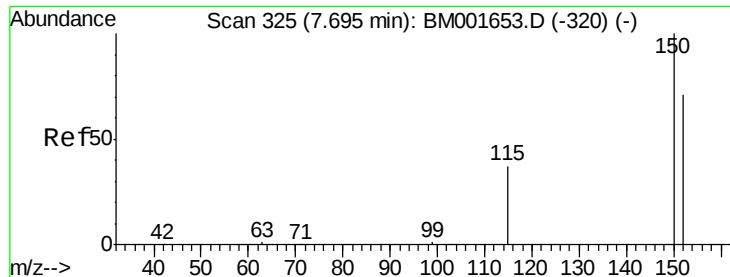
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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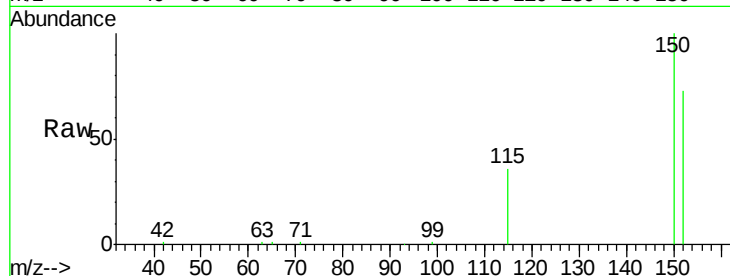


#1

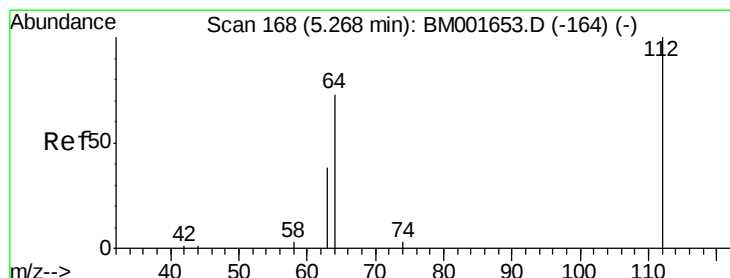
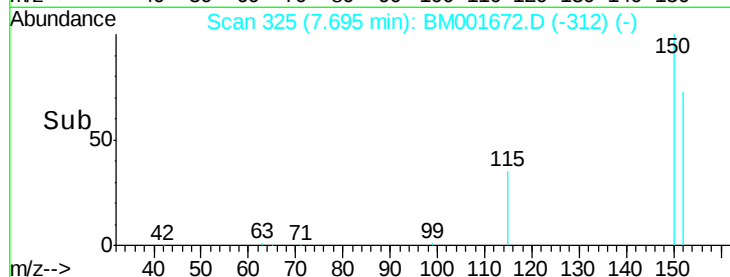
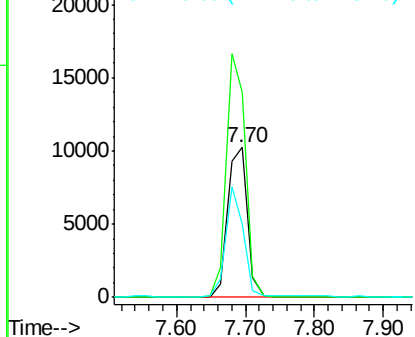
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.70 min Scan# 325
Delta R.T. 0.00 min
Lab File: BM001672.D
Acq: 12 Jun 2015 11:28

Instrument :
BNA_M
ClientSampleId :
SHB11W

Tgt Ion:152 Resp: 20134
Ion Ratio Lower Upper
152 100
150 137.1 112.2 168.2
115 49.1 41.7 62.5



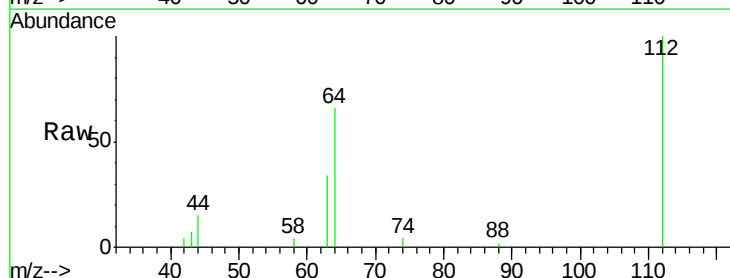
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



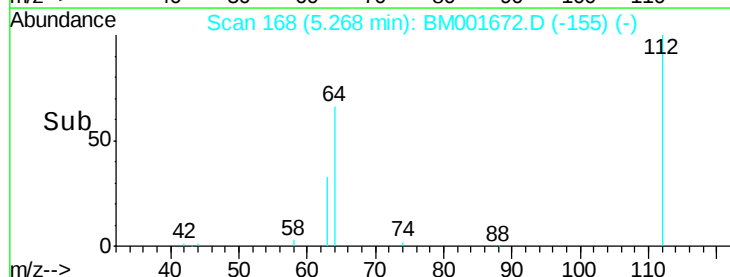
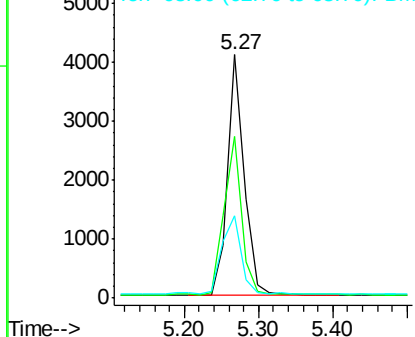
#4

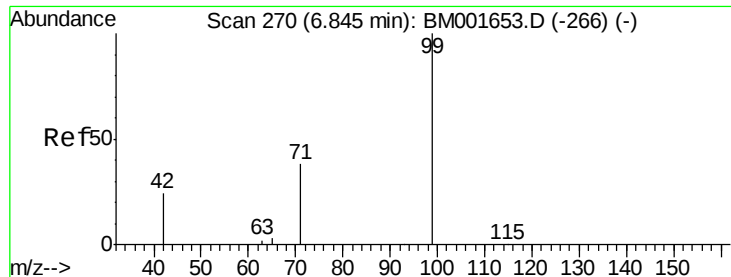
2-Fluorophenol
Concen: 1.33 ng
RT: 5.27 min Scan# 168
Delta R.T. 0.00 min
Lab File: BM001672.D
Acq: 12 Jun 2015 11:28

Tgt Ion:112 Resp: 6362
Ion Ratio Lower Upper
112 100
64 69.5 55.5 83.3
63 39.1 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: 0.97 ng

RT: 6.84 min Scan# 270

Delta R.T. 0.00 min

Lab File: BM001672.D

Acq: 12 Jun 2015 11:28

Instrument :

BNA_M

ClientSampleId :

SHB11W

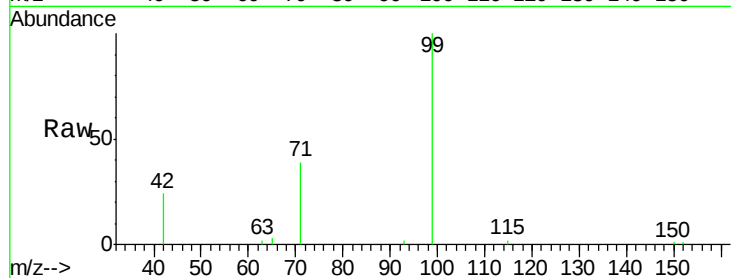
Tgt Ion: 99 Resp: 5790

Ion Ratio Lower Upper

99 100

42 25.6 21.6 32.4

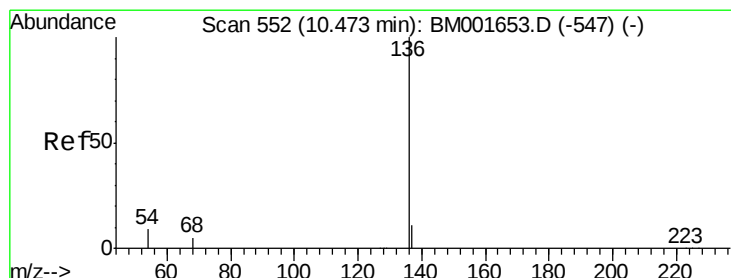
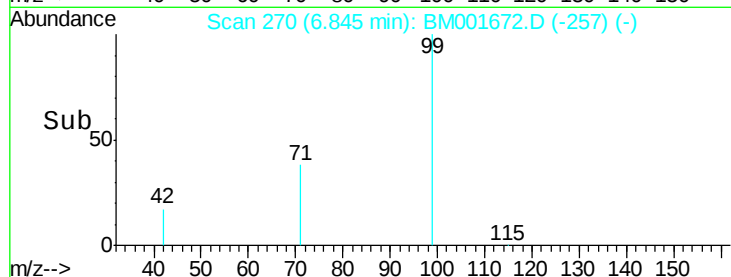
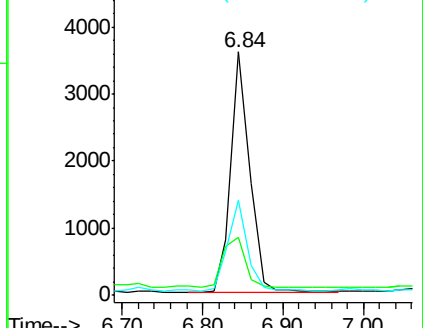
71 38.7 28.7 43.1



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: BM001672.D

Acq: 12 Jun 2015 11:28

Tgt Ion: 136 Resp: 78957

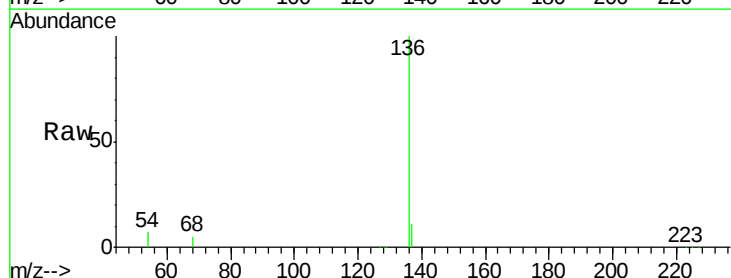
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 7.4 6.9 10.3

68 5.0 4.4 6.6

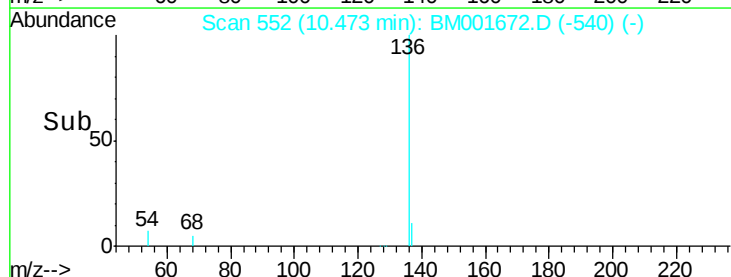
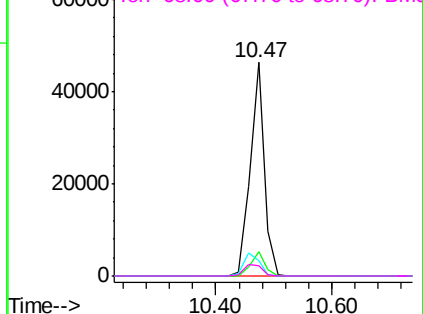


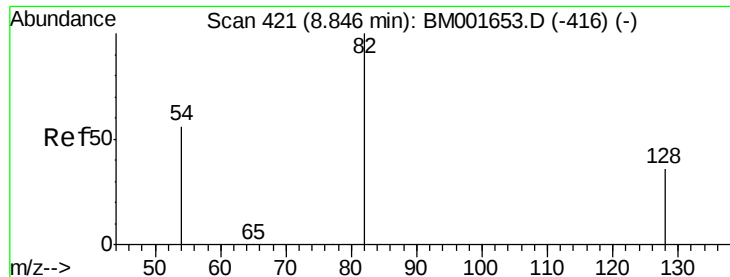
Abundance Ion 136.00 (135.70 to 136.70): BM001653.D (-547) (-)

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: 6.58 ng

RT: 8.85 min Scan# 421

Delta R.T. 0.00 min

Lab File: BM001672.D

Acq: 12 Jun 2015 11:28

Instrument :

BNA_M

ClientSampleId :

SHB11W

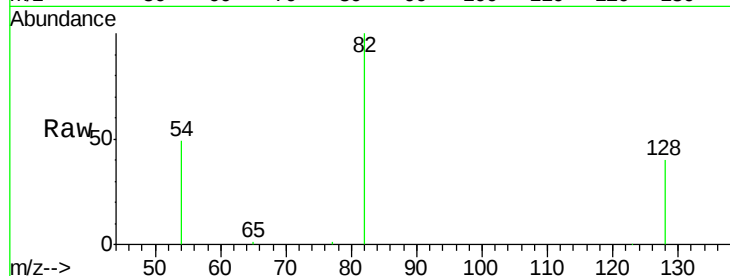
Tgt Ion: 82 Resp: 39779

Ion Ratio Lower Upper

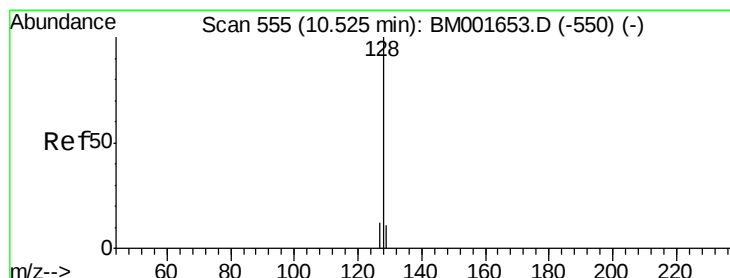
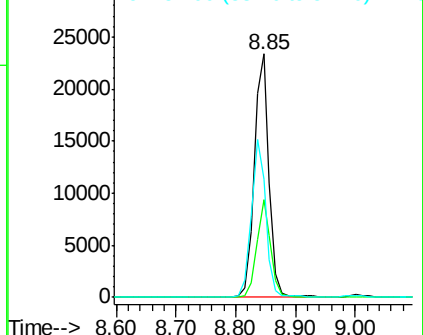
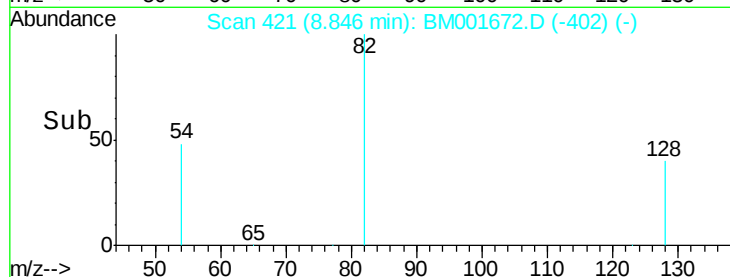
82 100

128 40.0 29.7 44.5

54 48.6 45.1 67.7



Abundance Ion 82.00 (81.70 to 82.70): BM001672.D (-402) (-)



#9

Naphthalene

Concen: 0.06 ng

RT: 10.52 min Scan# 555

Delta R.T. 0.00 min

Lab File: BM001672.D

Acq: 12 Jun 2015 11:28

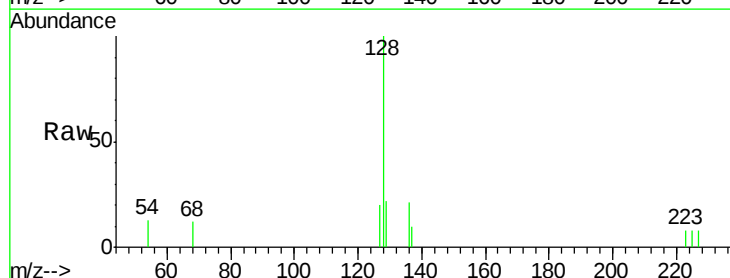
Tgt Ion: 128 Resp: 1162

Ion Ratio Lower Upper

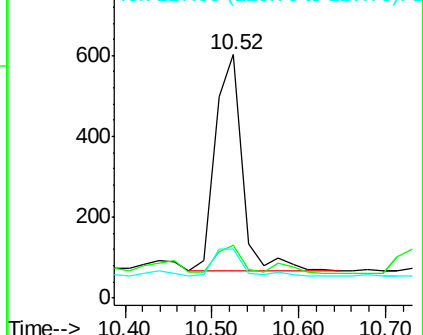
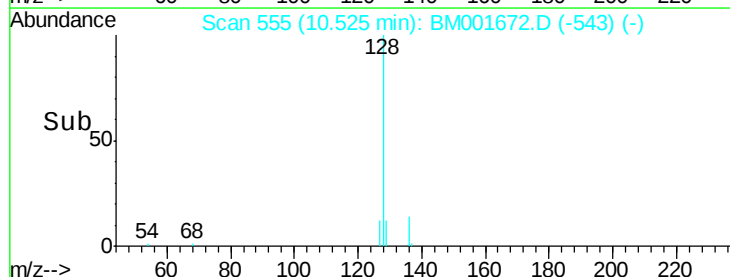
128 100

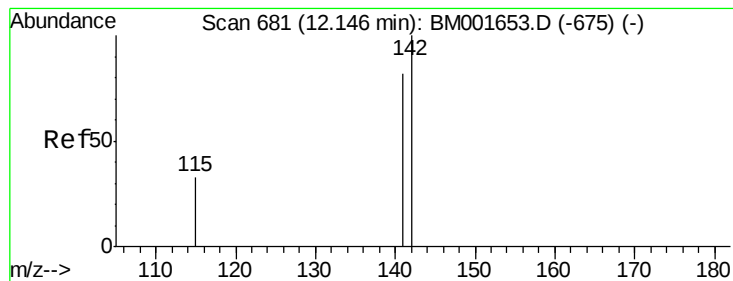
129 21.8 9.4 14.2#

127 19.9 9.7 14.5#



Abundance Ion 128.00 (127.70 to 128.70): BM001672.D (-543) (-)





#11

2-Methylnaphthalene

Concen: 0.14 ng

RT: 12.14 min Scan# 680

Delta R.T. -0.01 min

Lab File: BM001672.D

Acq: 12 Jun 2015 11:28

Instrument :

BNA_M

ClientSampleId :

SHB11W

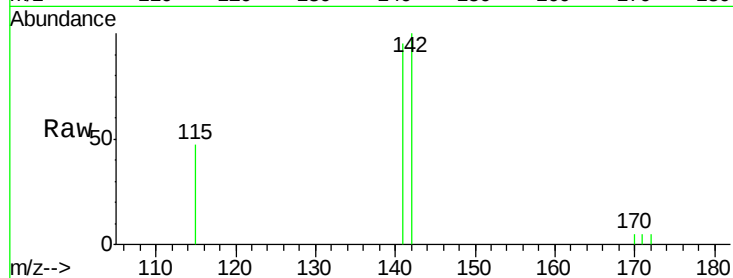
Tgt Ion:142 Resp: 1714

Ion Ratio Lower Upper

142 100

141 95.3 65.8 98.6

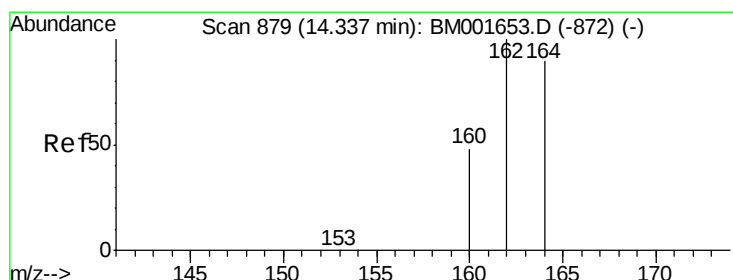
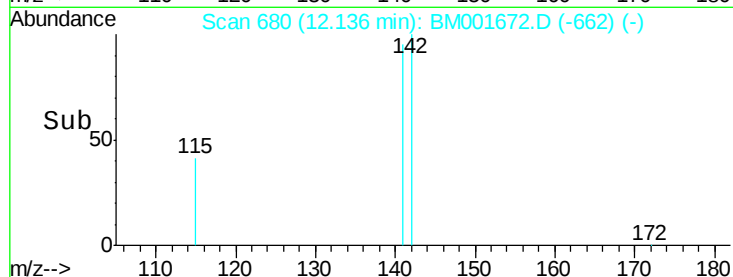
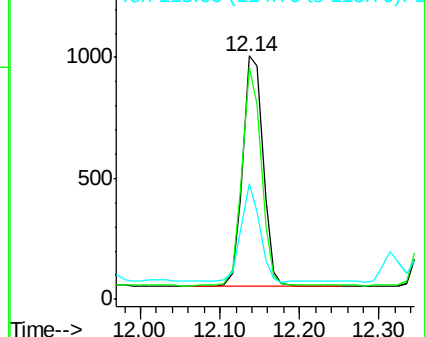
115 47.5 27.0 40.6#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.34 min Scan# 879

Delta R.T. 0.00 min

Lab File: BM001672.D

Acq: 12 Jun 2015 11:28

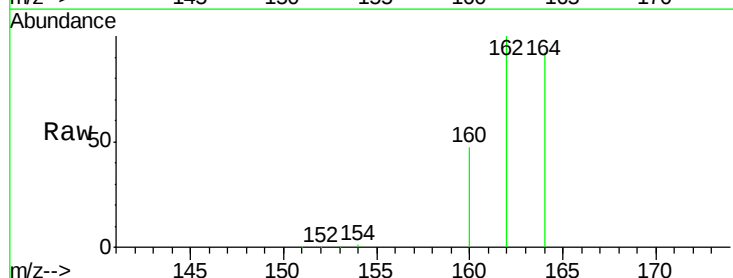
Tgt Ion:164 Resp: 40686

Ion Ratio Lower Upper

164 100

162 108.8 89.0 133.4

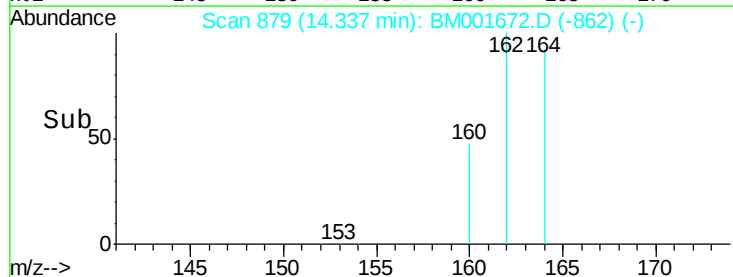
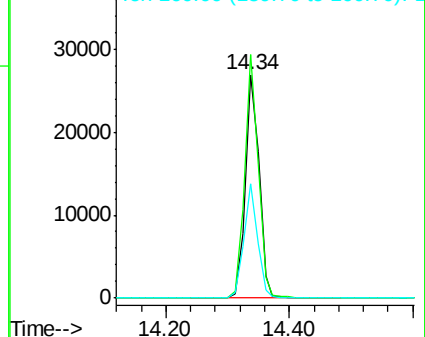
160 51.3 42.6 63.8

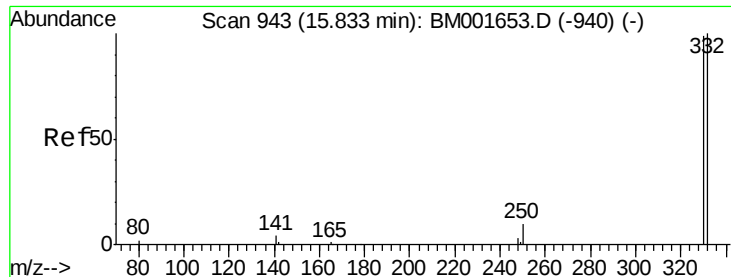


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

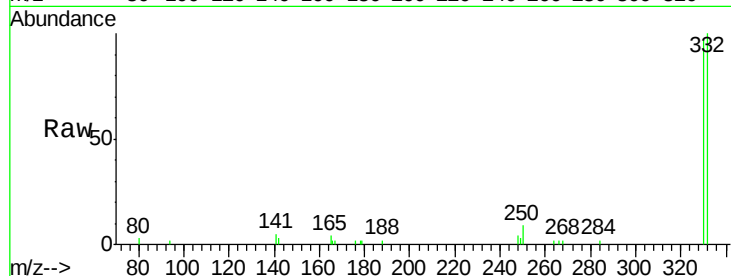




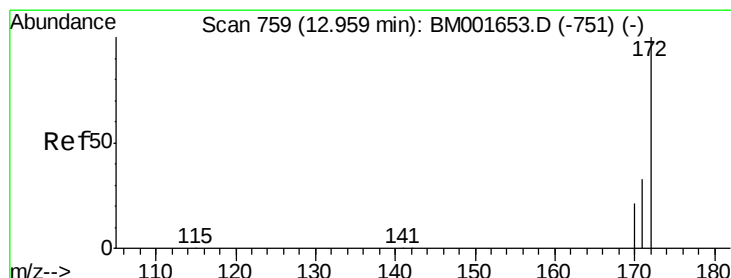
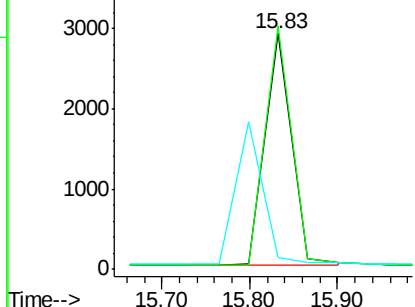
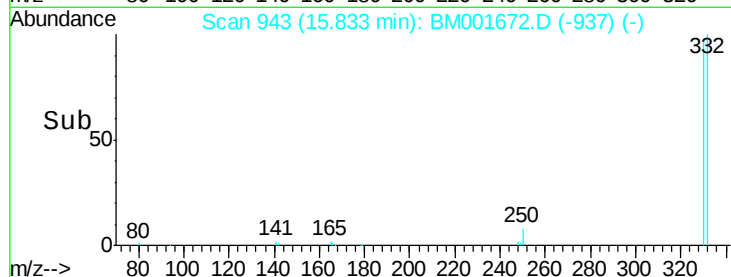
#13
 2,4,6-Tribromophenol
 Concen: 4.18 ng
 RT: 15.83 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BM001672.D
 Acq: 12 Jun 2015 11:28

Instrument :
 BNA_M
 ClientSampleId :
 SHB11W

Tgt Ion:330 Resp: 6190
 Ion Ratio Lower Upper
 330 100
 332 103.0 80.6 120.8
 141 0.0 0.0 0.0

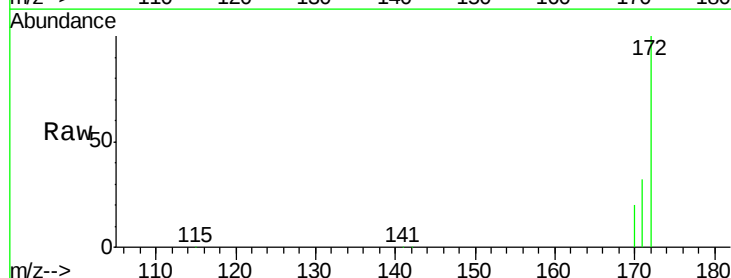


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

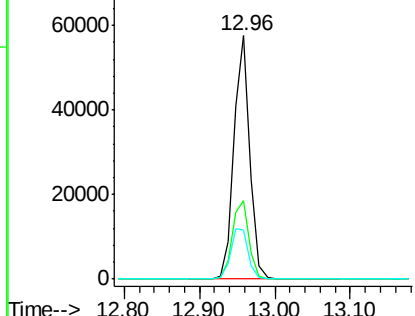
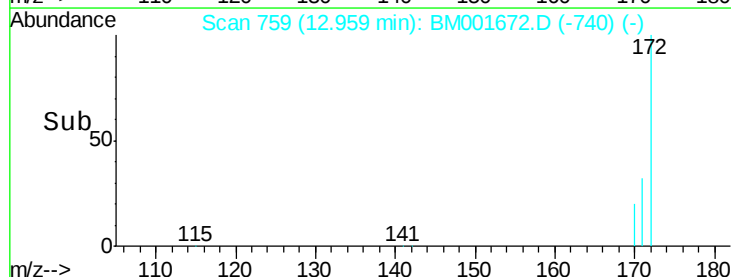


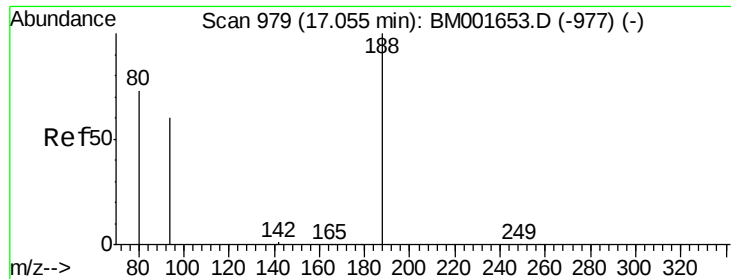
#14
 2-Fluorobiphenyl
 Concen: 5.96 ng
 RT: 12.96 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BM001672.D
 Acq: 12 Jun 2015 11:28

Tgt Ion:172 Resp: 84685
 Ion Ratio Lower Upper
 172 100
 171 32.3 26.6 40.0
 170 20.0 17.1 25.7



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

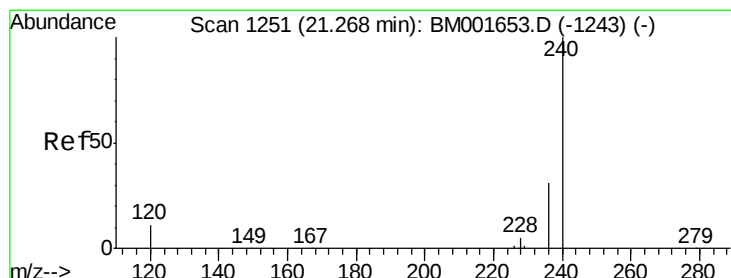
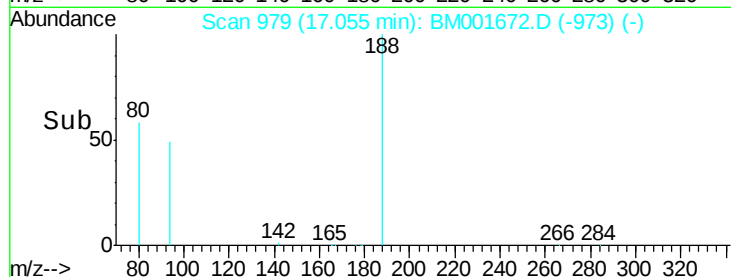
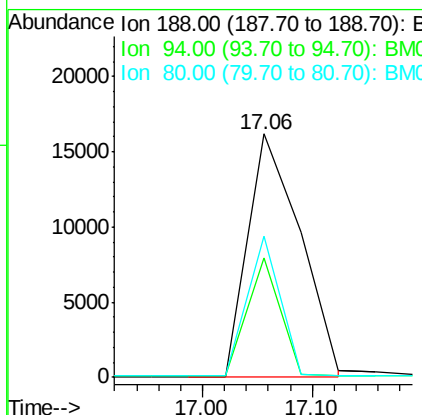
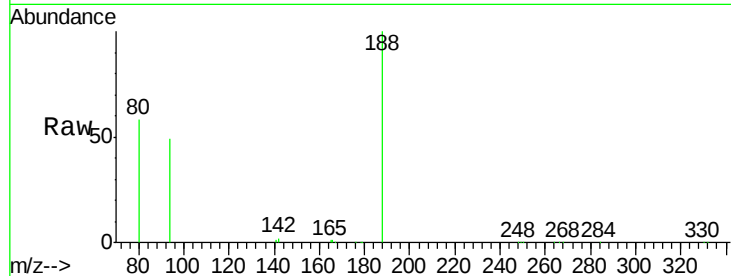




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 979
Delta R.T. 0.00 min
Lab File: BM001672.D
Acq: 12 Jun 2015 11:28

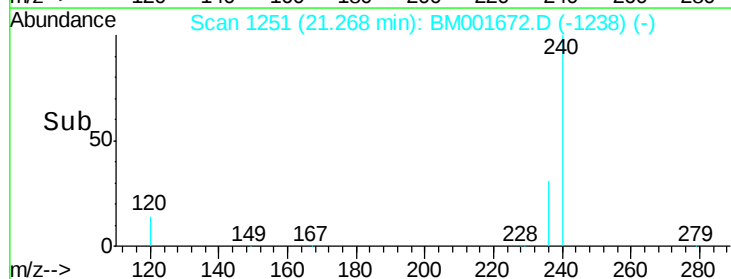
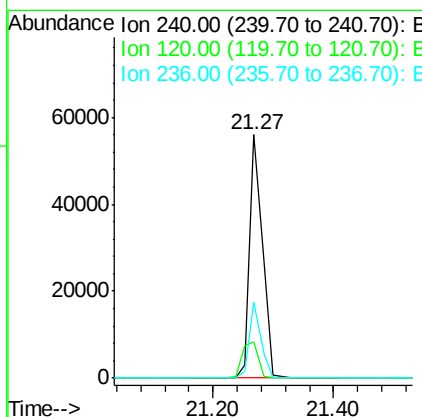
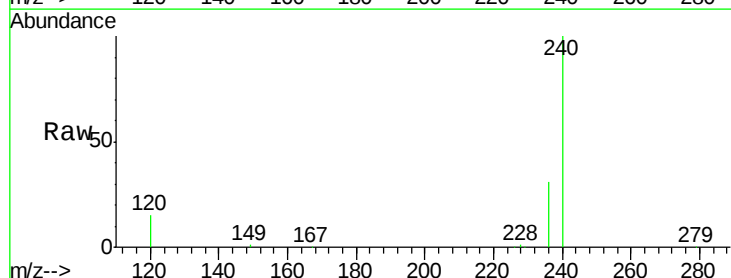
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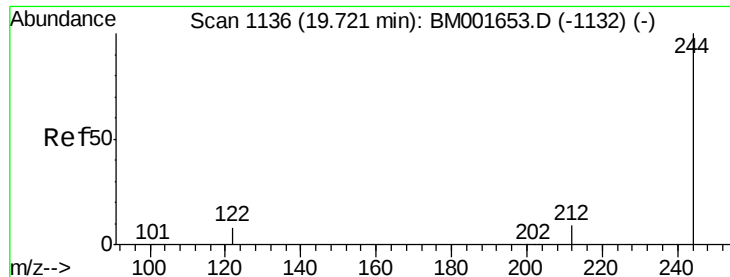
Tgt Ion:188 Resp: 53161
Ion Ratio Lower Upper
188 100
94 49.1 48.3 72.5
80 57.8 58.6 88.0#



#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.27 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BM001672.D
Acq: 12 Jun 2015 11:28

Tgt Ion:240 Resp: 81047
Ion Ratio Lower Upper
240 100
120 14.7 8.9 13.3#
236 31.3 24.6 36.8

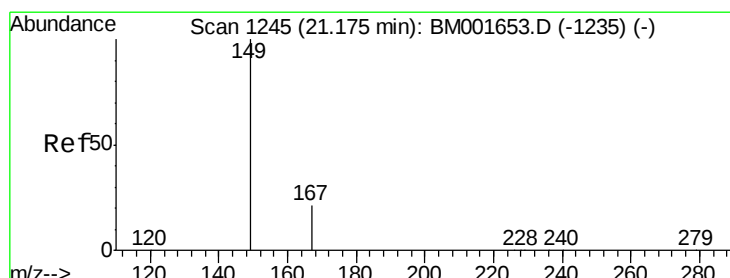
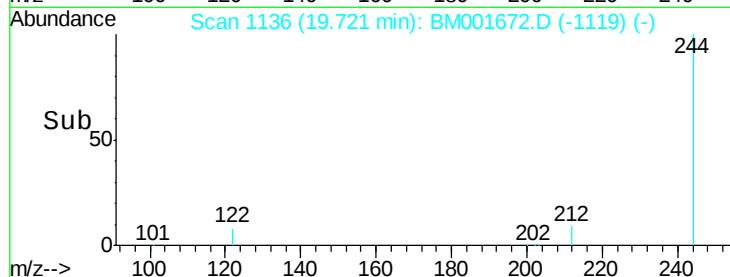
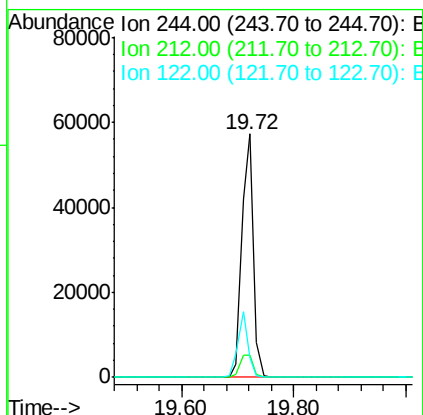
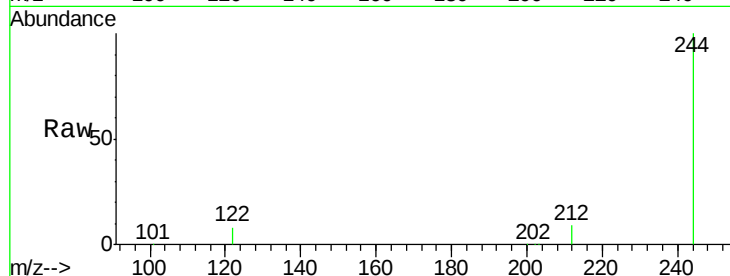




#27
 Terphenyl-d14
 Concen: 6.63 ng
 RT: 19.72 min Scan# 1136
 Delta R.T. 0.00 min
 Lab File: BM001672.D
 Acq: 12 Jun 2015 11:28

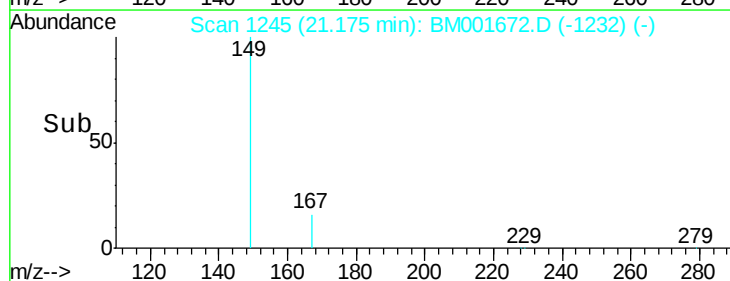
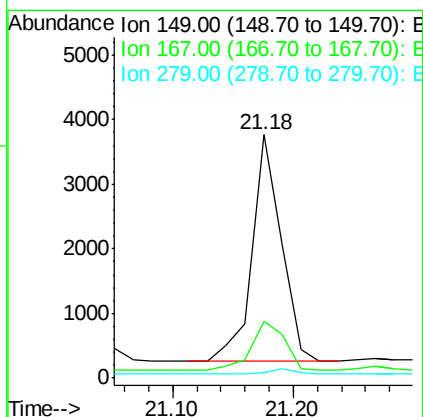
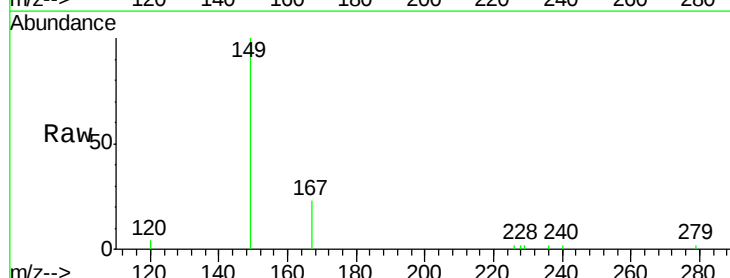
Instrument :
 BNA_M
 ClientSampleId :
 SHB11W

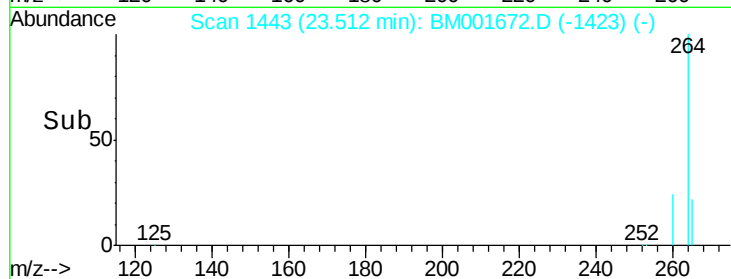
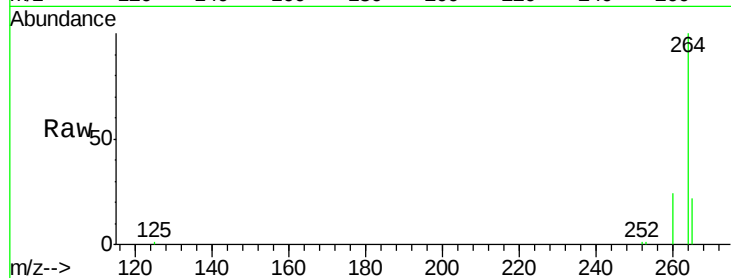
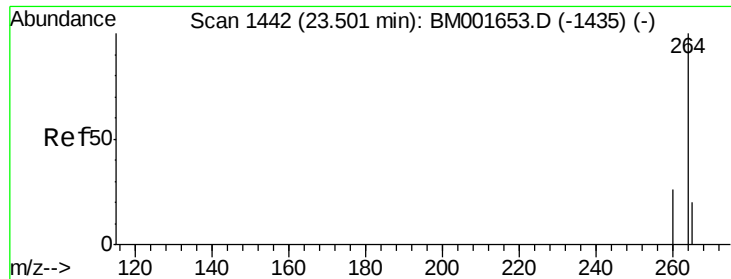
Tgt Ion: 244 Resp: 81005
 Ion Ratio Lower Upper
 244 100
 212 9.3 7.7 11.5
 122 8.0 6.9 10.3



#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.53 ng
 RT: 21.18 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: BM001672.D
 Acq: 12 Jun 2015 11:28

Tgt Ion: 149 Resp: 5875
 Ion Ratio Lower Upper
 149 100
 167 24.5 20.2 30.2
 279 2.1 1.7 2.5





#32

Perylene-d12

Concen: 5.00 ng

RT: 23.51 min Scan# 1443

Delta R.T. 0.01 min

Lab File: BM001672.D

Acq: 12 Jun 2015 11:28

Instrument :

BNA_M

ClientSampleId :

SHB11W

Tgt Ion: 264 Resp: 70785

Ion Ratio Lower Upper

264 100

260 24.2 20.8 31.2

265 22.2 16.9 25.3

