

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050415\
 Data File : BM001200.D
 Acq On : 05 May 2015 01:01
 Operator : TP/IZ
 Sample : G2104-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-102

Quant Time: May 05 04:05:28 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM050115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 03:49:45 2015
 Response via : Initial Calibration

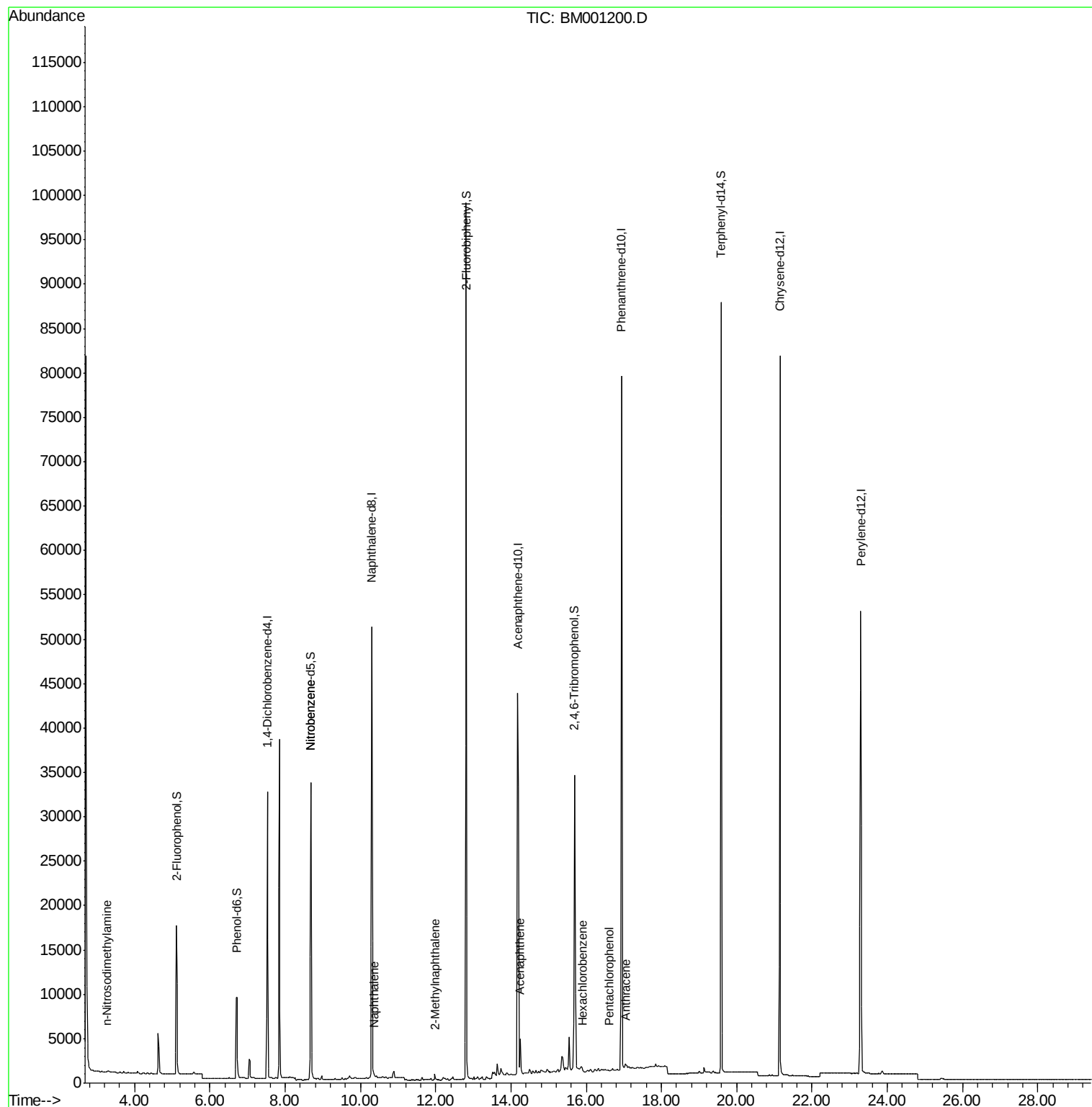
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	16197	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	66914	5.00	ng	0.00
12) Acenaphthene-d10	14.18	164	37154	5.00	ng	-0.02
18) Phenanthrene-d10	16.94	188	96489	5.00	ng	0.00
24) Chrysene-d12	21.15	240	80608	5.00	ng	0.00
30) Perylene-d12	23.29	264	65615	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.11	112	14137	4.49	ng	0.00
5) Phenol-d6	6.72	99	12161	3.13	ng	0.02
7) Nitrobenzene-d5	8.69	82	30606	8.07	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	25421	13.89	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	95607	7.78	ng	0.00
26) Terphenyl-d14	19.58	244	97046	8.73	ng	-0.01
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.27	42	129	0.07	ng	# 1
8) Nitrobenzene	8.69	77	151	0.18	ng	# 19
9) Naphthalene	10.36	128	303	0.02	ng	# 1
11) 2-Methylnaphthalene	11.98	142	485	0.05	ng	# 74
16) Acenaphthene	14.24	154	2277	0.20	ng	95
19) Hexachlorobenzene	15.91	284	454	0.09	ng	# 42
20) Pentachlorophenol	16.61	266	15	0.38	ng	# 59
22) Anthracene	17.06	178	692	0.03	ng	# 61

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

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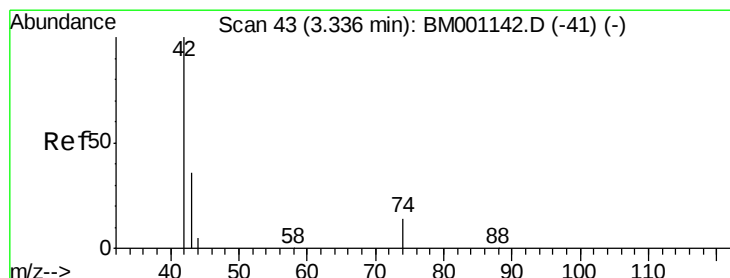
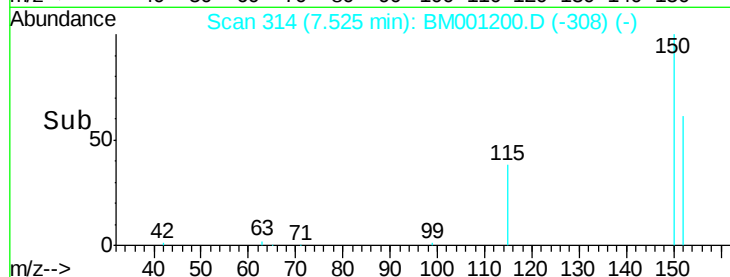
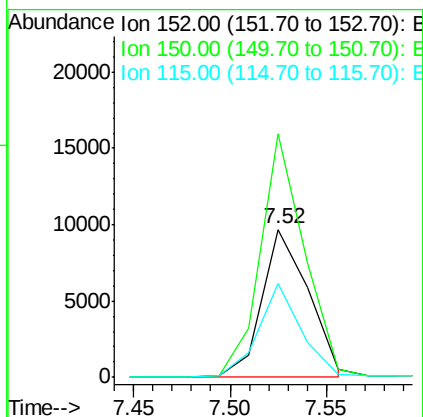
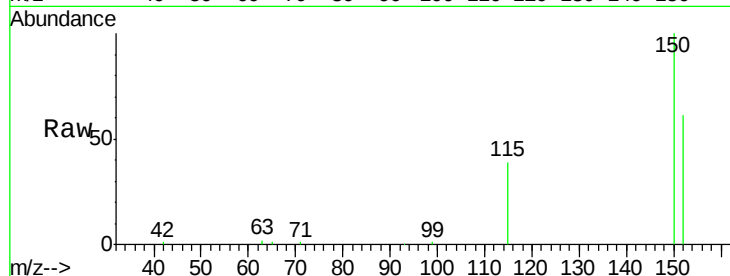


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.52 min Scan# 314
Delta R.T. -0.00 min
Lab File: BM001200.D
Acq: 05 May 2015 01:01

Instrument :
BNA_M
ClientSampleId :
MW-102

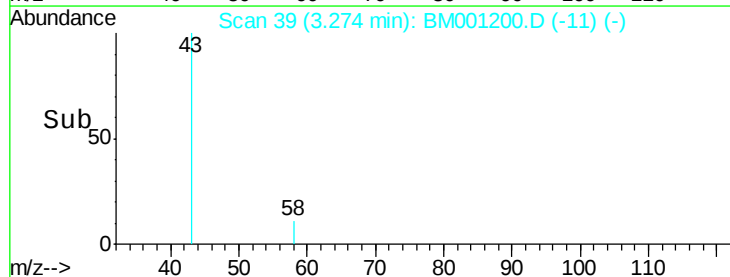
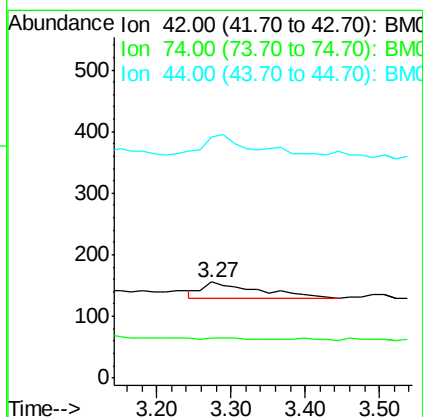
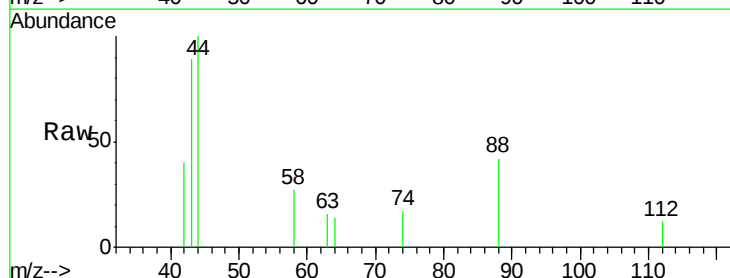
Tgt Ion:152 Resp: 16197
Ion Ratio Lower Upper
152 100
150 164.4 140.1 210.1
115 63.6 57.8 86.6

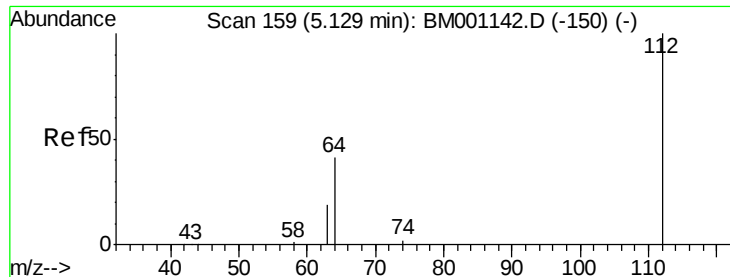


#3

n-Nitrosodimethylamine
Concen: 0.07 ng
RT: 3.27 min Scan# 39
Delta R.T. -0.06 min
Lab File: BM001200.D
Acq: 05 May 2015 01:01

Tgt Ion: 42 Resp: 129
Ion Ratio Lower Upper
42 100
74 0.0 72.0 108.0#
44 95.3 3.7 5.5#





#4

2-Fluorophenol

Concen: 4.49 ng

RT: 5.11 min Scan# 158

Delta R.T. -0.00 min

Lab File: BM001200.D

Acq: 05 May 2015 01:01

Instrument :

BNA_M

ClientSampleId :

MW-102

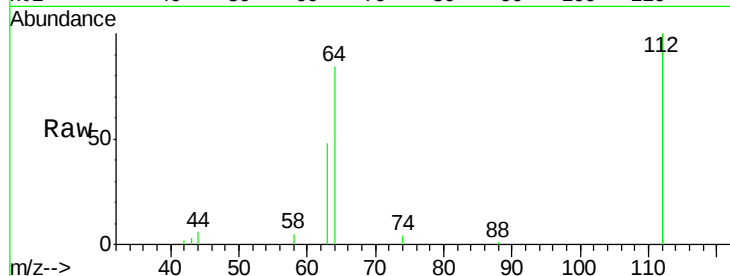
Tgt Ion: 112 Resp: 14137

Ion Ratio Lower Upper

112 100

64 64.1 52.6 79.0

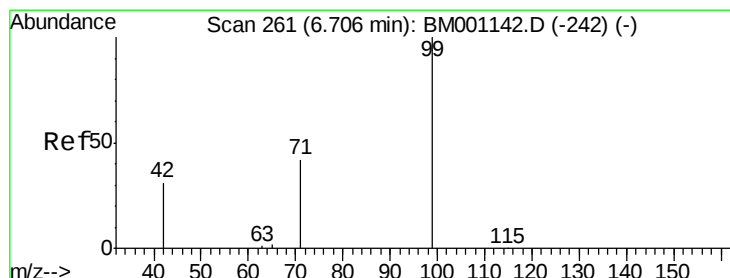
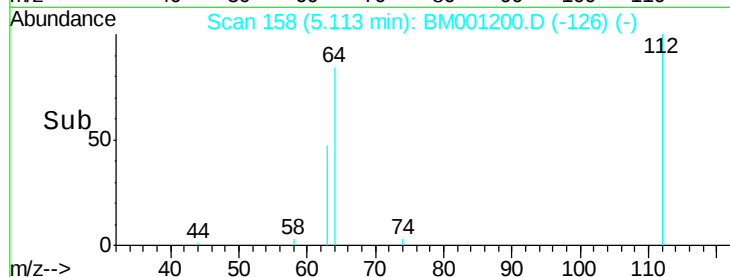
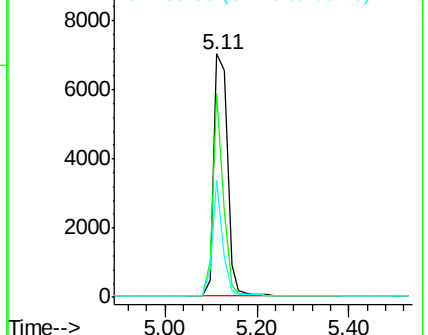
63 35.7 29.5 44.3



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: 3.13 ng

RT: 6.72 min Scan# 262

Delta R.T. 0.02 min

Lab File: BM001200.D

Acq: 05 May 2015 01:01

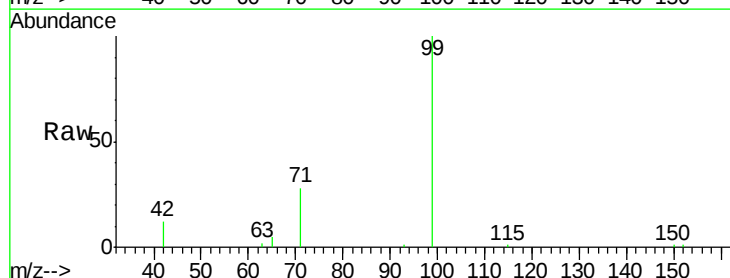
Tgt Ion: 99 Resp: 12161

Ion Ratio Lower Upper

99 100

42 23.7 20.9 31.3

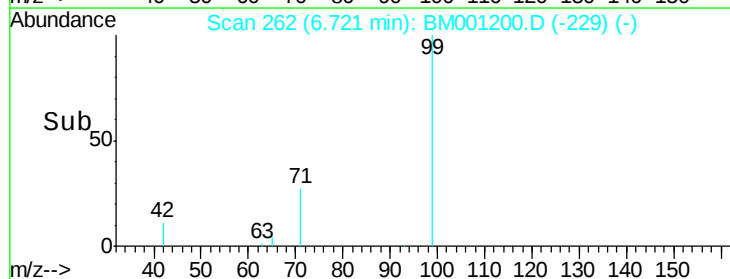
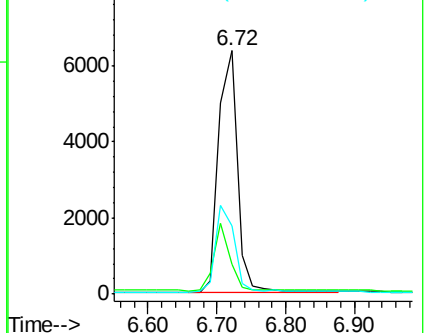
71 35.4 28.5 42.7

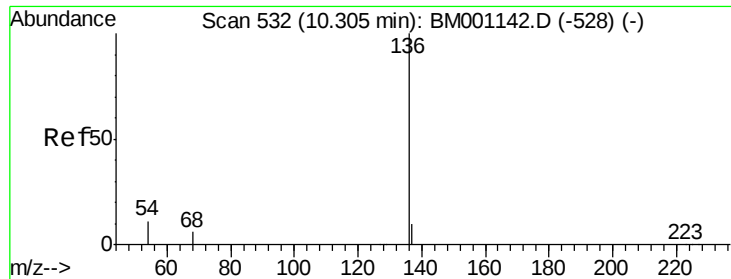


Abundance Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0





#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 532

Delta R.T. -0.00 min

Lab File: BM001200.D

Acq: 05 May 2015 01:01

Instrument :

BNA_M

ClientSampleId :

MW-102

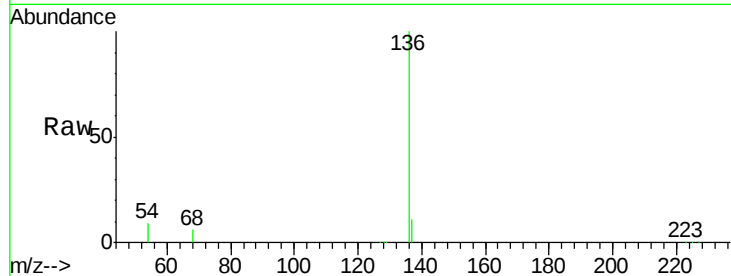
Tgt Ion:136 Resp: 66914

Ion Ratio Lower Upper

136 100

137 10.6 8.2 12.4

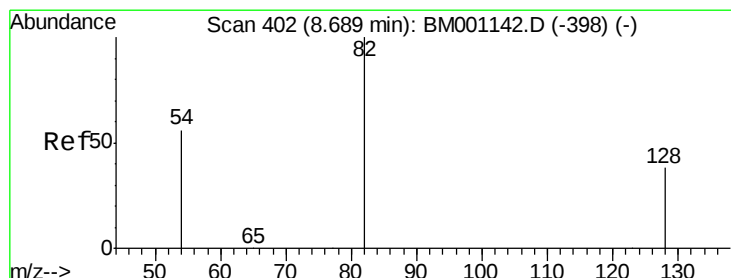
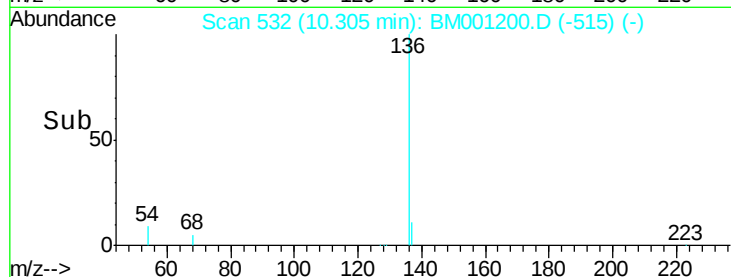
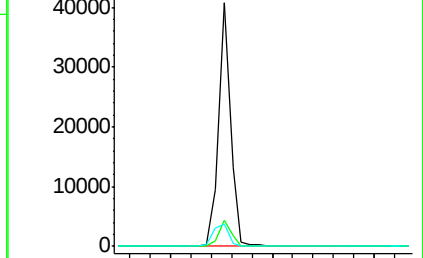
54 8.9 9.0 13.4#



Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM



#7

Nitrobenzene-d5

Concen: 8.07 ng

RT: 8.69 min Scan# 402

Delta R.T. -0.00 min

Lab File: BM001200.D

Acq: 05 May 2015 01:01

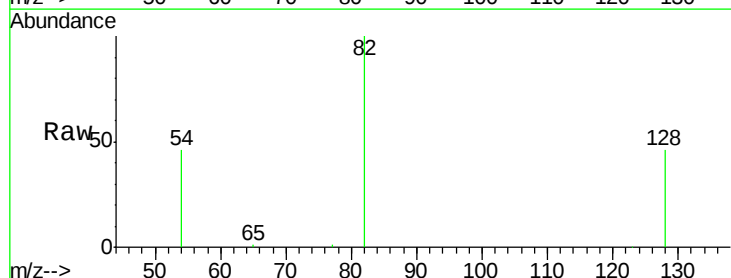
Tgt Ion: 82 Resp: 30606

Ion Ratio Lower Upper

82 100

128 46.3 31.9 47.9

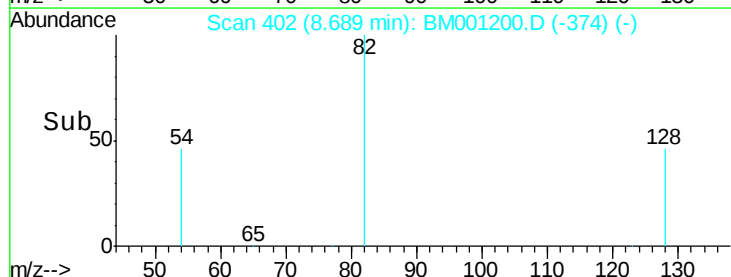
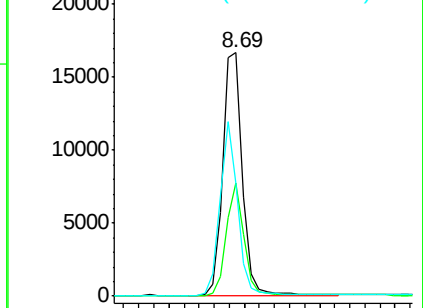
54 46.2 46.2 69.2

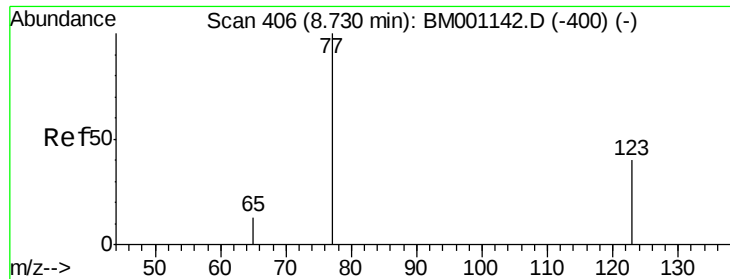


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#8

Nitrobenzene

Concen: 0.18 ng

RT: 8.69 min Scan# 402

Delta R.T. -0.03 min

Lab File: BM001200.D

Acq: 05 May 2015 01:01

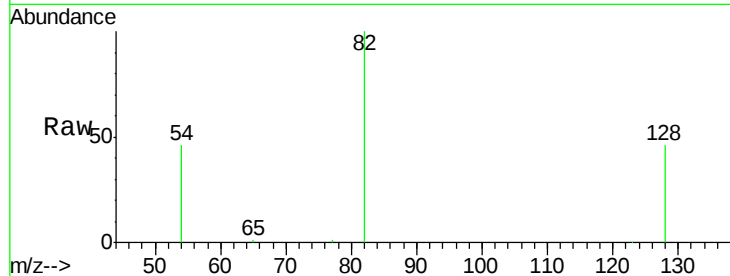
Instrument :

BNA_M

ClientSampled :

MW-102

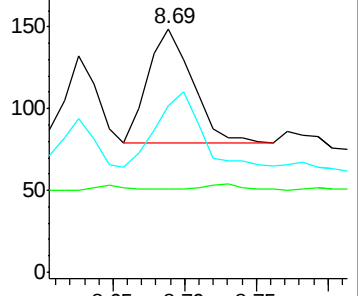
Tgt Ion:	77	Resp:	151
Ion	Ratio	Lower	Upper
77	100		
123	0.0	31.0	46.6#
65	65.6	10.6	15.8#



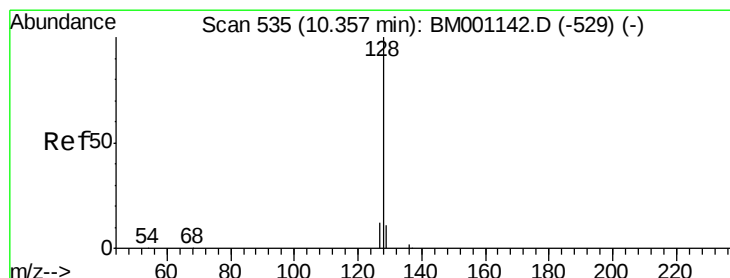
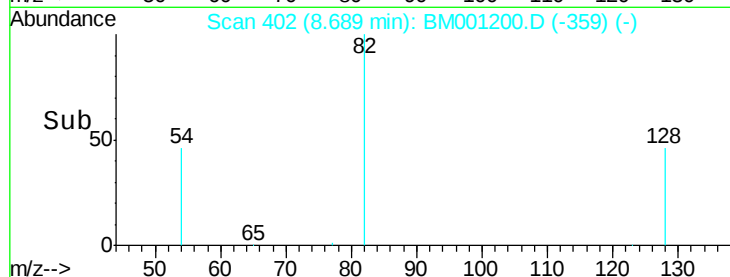
Abundance Ion 77.00 (76.70 to 77.70): BM001142.D (-400) (-)

Ion 123.00 (122.70 to 123.70): BM001142.D (-400) (-)

Ion 65.00 (64.70 to 65.70): BM001142.D (-400) (-)



Time-->



#9

Naphthalene

Concen: 0.02 ng

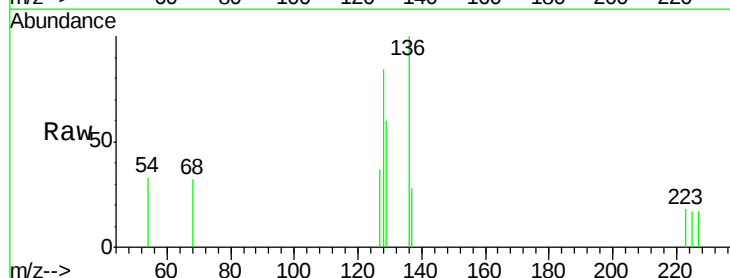
RT: 10.36 min Scan# 535

Delta R.T. -0.00 min

Lab File: BM001200.D

Acq: 05 May 2015 01:01

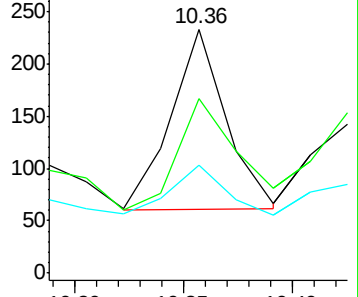
Tgt Ion:	128	Resp:	303
Ion	Ratio	Lower	Upper
128	100		
129	71.7	9.0	13.6#
127	44.2	10.0	15.0#



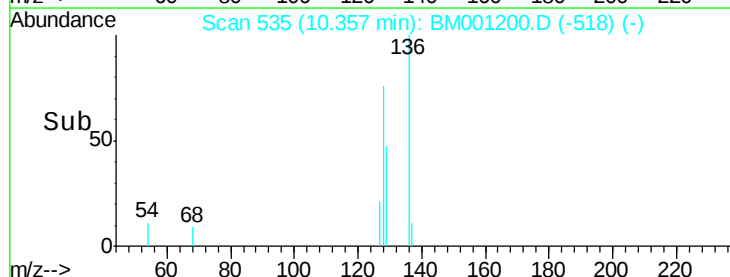
Abundance Ion 128.00 (127.70 to 128.70): BM001142.D (-529) (-)

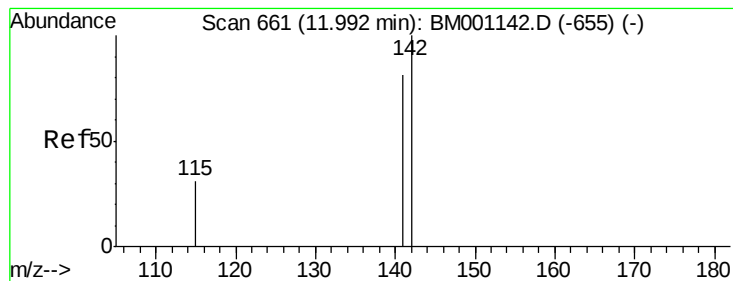
Ion 129.00 (128.70 to 129.70): BM001142.D (-529) (-)

Ion 127.00 (126.70 to 127.70): BM001142.D (-529) (-)



Time-->





#11

2-Methylnaphthalene

Concen: 0.05 ng

RT: 11.98 min Scan# 660

Delta R.T. -0.00 min

Lab File: BM001200.D

Acq: 05 May 2015 01:01

Instrument :

BNA_M

ClientSampleId :

MW-102

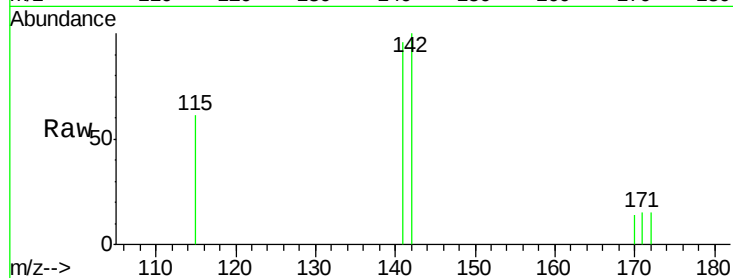
Tgt Ion:142 Resp: 485

Ion Ratio Lower Upper

142 100

141 95.6 65.1 97.7

115 61.0 25.1 37.7#



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

11.98

400

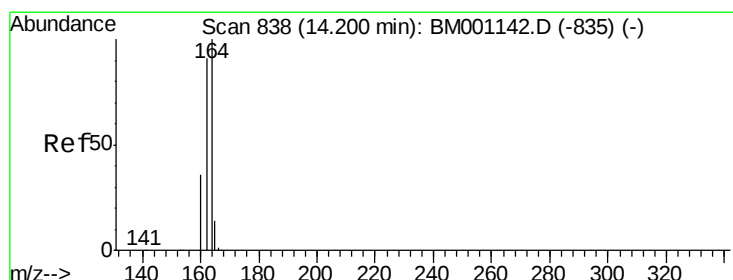
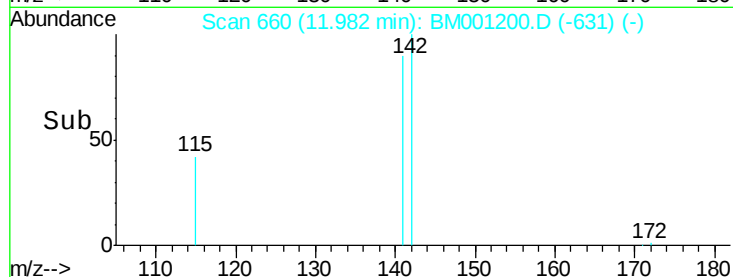
300

200

100

0

Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.18 min Scan# 837

Delta R.T. -0.02 min

Lab File: BM001200.D

Acq: 05 May 2015 01:01

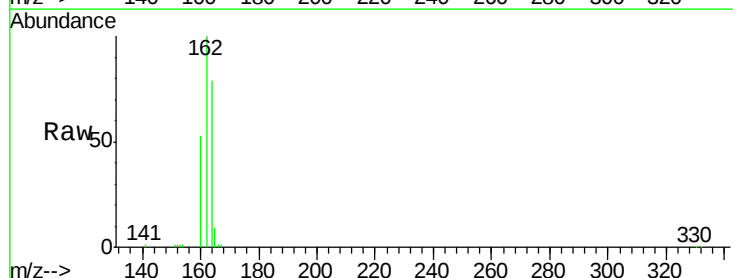
Tgt Ion:164 Resp: 37154

Ion Ratio Lower Upper

164 100

162 126.0 72.7 109.1#

160 66.6 28.7 43.1#



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

14.18

20000

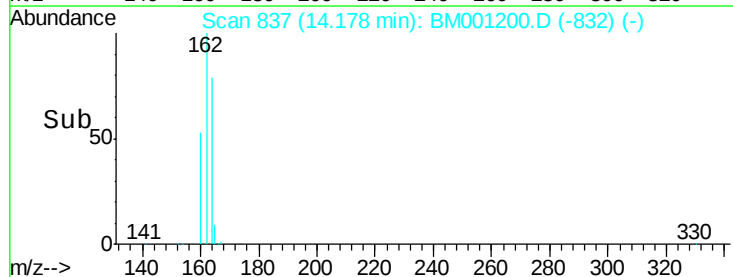
15000

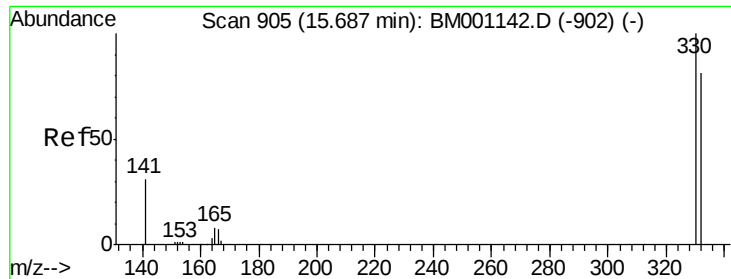
10000

5000

0

Time-->

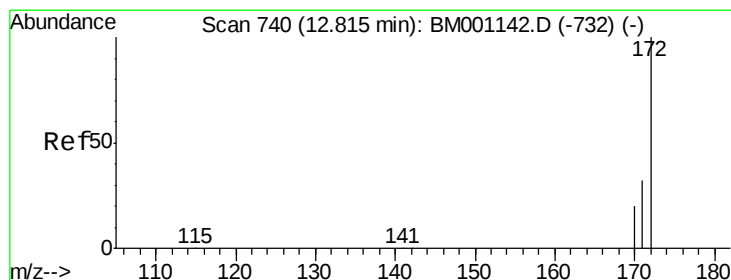
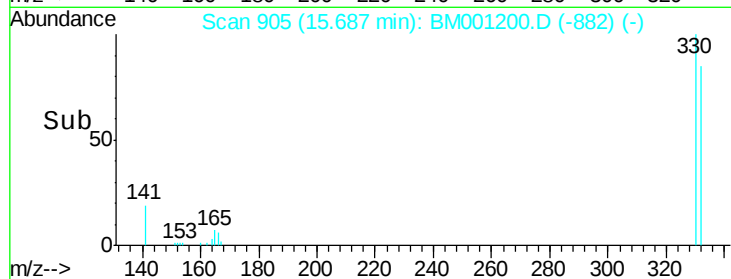
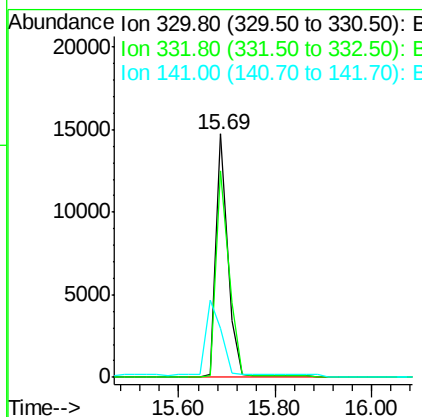
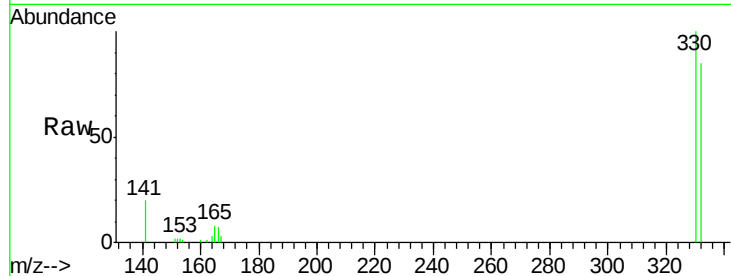




#13
 2,4,6-Tribromophenol
 Concen: 13.89 ng
 RT: 15.69 min Scan# 905
 Delta R.T. -0.00 min
 Lab File: BM001200.D
 Acq: 05 May 2015 01:01

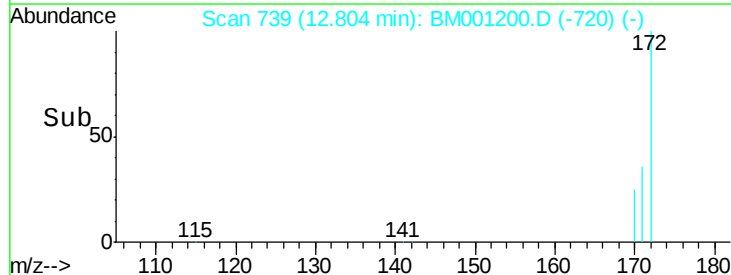
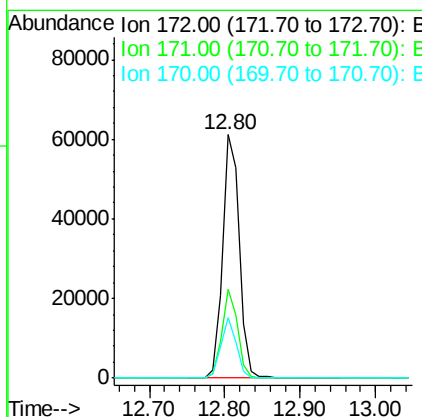
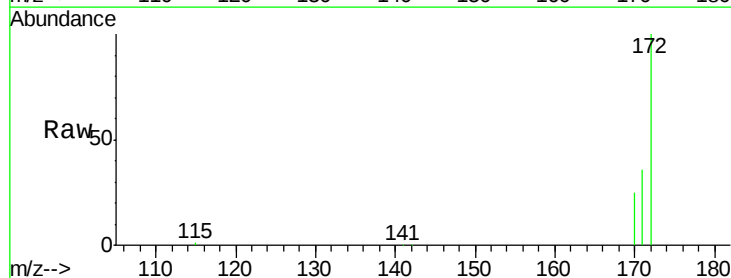
Instrument :
 BNA_M
 ClientSampleId :
 MW-102

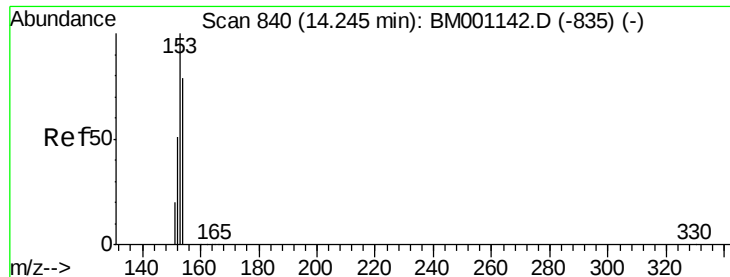
Tgt Ion:330 Resp: 25421
 Ion Ratio Lower Upper
 330 100
 332 93.7 74.5 111.7
 141 0.0 21.0 31.4#



#14
 2-Fluorobiphenyl
 Concen: 7.78 ng
 RT: 12.80 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BM001200.D
 Acq: 05 May 2015 01:01

Tgt Ion:172 Resp: 95607
 Ion Ratio Lower Upper
 172 100
 171 36.3 25.8 38.6
 170 24.9 16.1 24.1#





#16

Acenaphthene

Concen: 0.20 ng

RT: 14.24 min Scan# 840

Delta R.T. -0.00 min

Lab File: BM001200.D

Acq: 05 May 2015 01:01

Instrument :

BNA_M

ClientSampleId :

MW-102

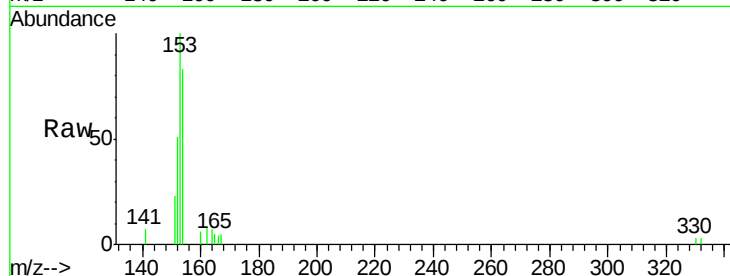
Tgt Ion:154 Resp: 2277

Ion Ratio Lower Upper

154 100

153 106.9 90.6 136.0

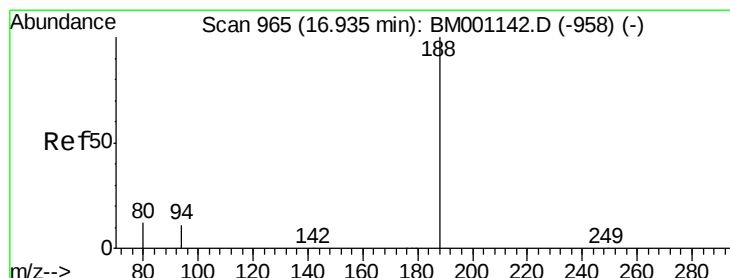
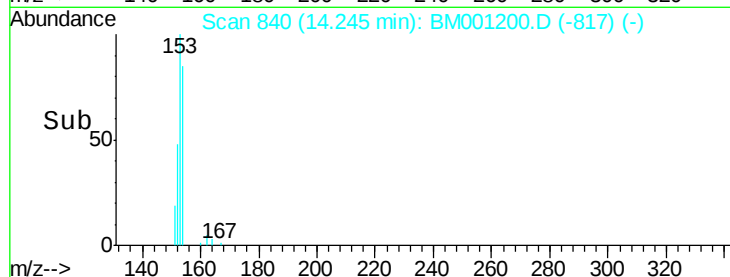
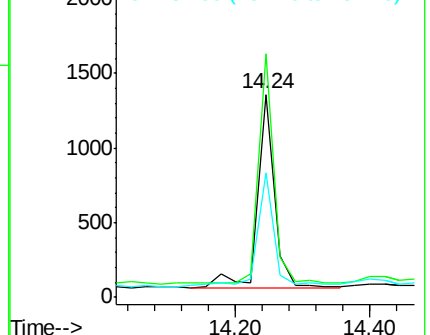
152 59.5 45.0 67.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.94 min Scan# 965

Delta R.T. -0.00 min

Lab File: BM001200.D

Acq: 05 May 2015 01:01

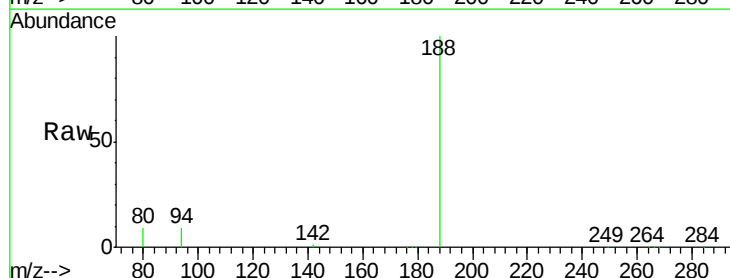
Tgt Ion:188 Resp: 96489

Ion Ratio Lower Upper

188 100

94 8.8 9.3 13.9#

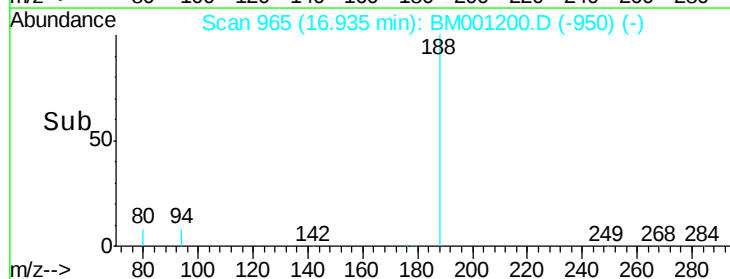
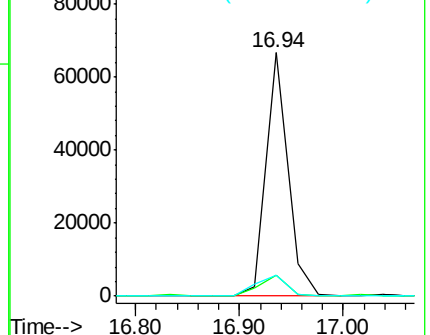
80 8.8 9.8 14.6#

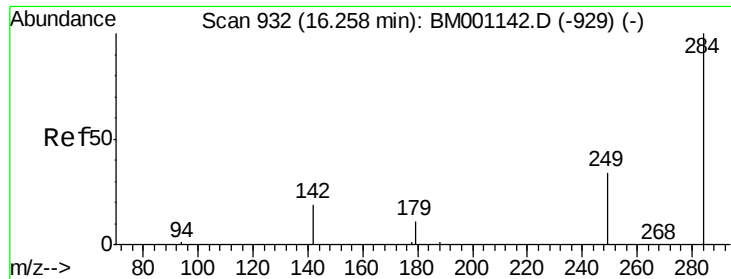


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

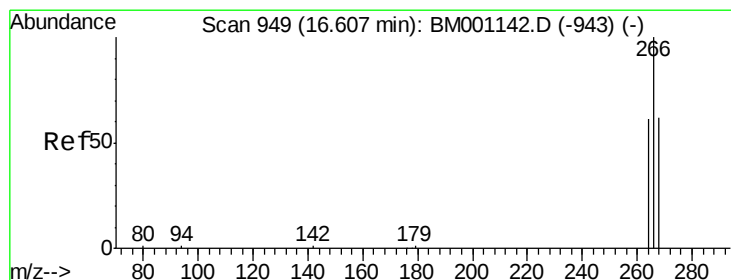
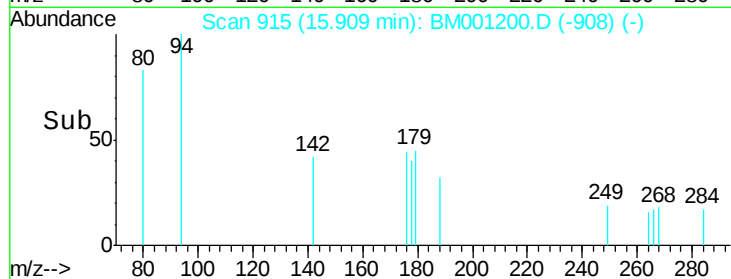
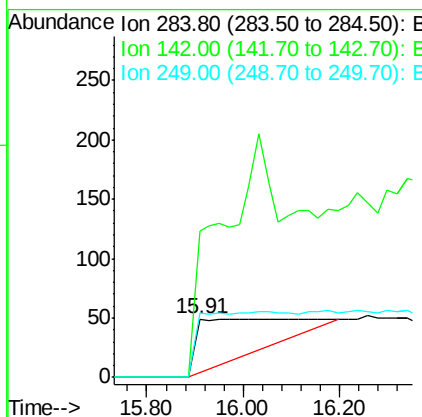
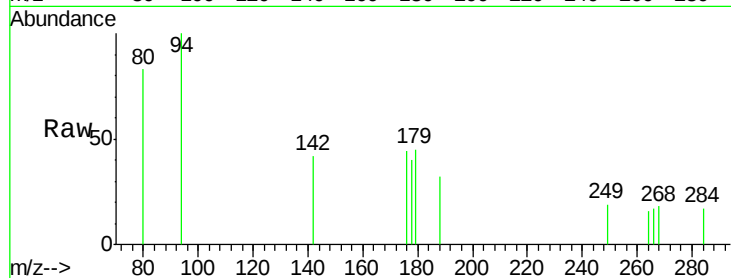




#19
Hexachlorobenzene
Concen: 0.09 ng
RT: 15.91 min Scan# 915
Delta R.T. -0.35 min
Lab File: BM001200.D
Acq: 05 May 2015 01:01

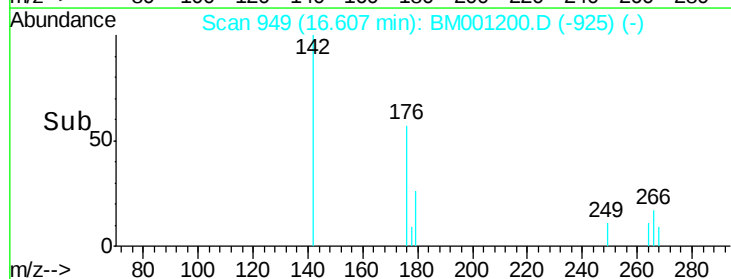
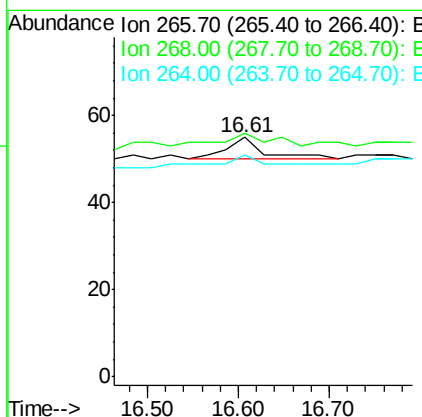
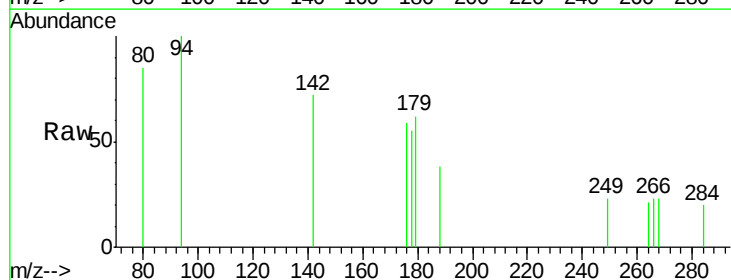
Instrument :
BNA_M
ClientSampled :
MW-102

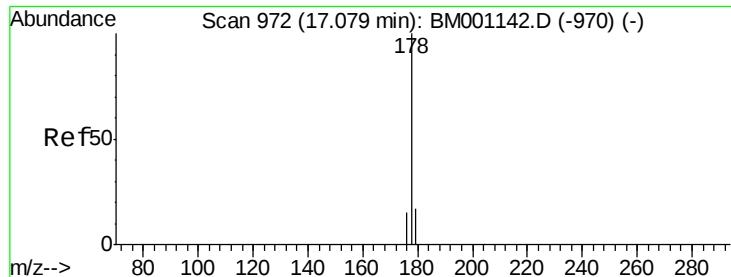
Tgt Ion: 284 Resp: 454
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 26.5 39.7#



#20
Pentachlorophenol
Concen: 0.38 ng
RT: 16.61 min Scan# 949
Delta R.T. -0.00 min
Lab File: BM001200.D
Acq: 05 May 2015 01:01

Tgt Ion: 266 Resp: 15
Ion Ratio Lower Upper
266 100
268 101.8 52.6 79.0#
264 92.7 51.0 76.4#





#22

Anthracene

Concen: 0.03 ng

RT: 17.06 min Scan# 971

Delta R.T. -0.00 min

Lab File: BM001200.D

Acq: 05 May 2015 01:01

Instrument :

BNA_M

ClientSampleId :

MW-102

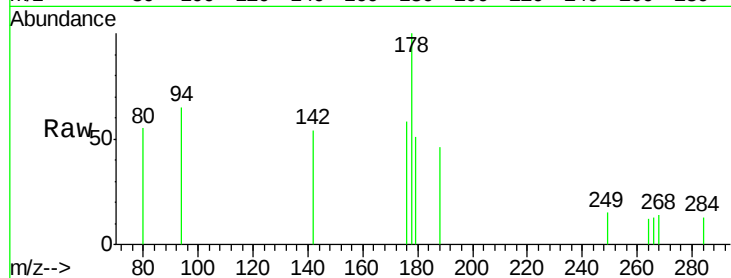
Tgt Ion:178 Resp: 692

Ion Ratio Lower Upper

178 100

176 0.0 14.3 21.5#

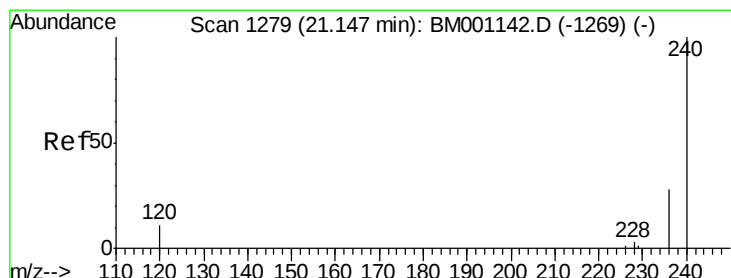
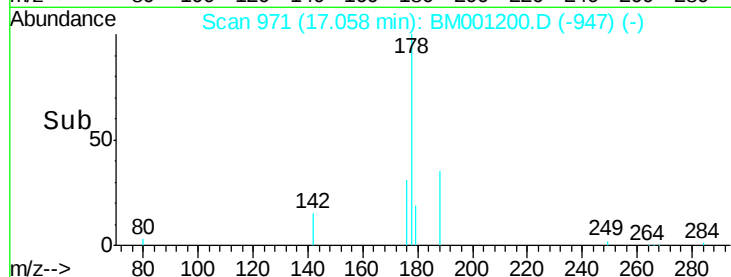
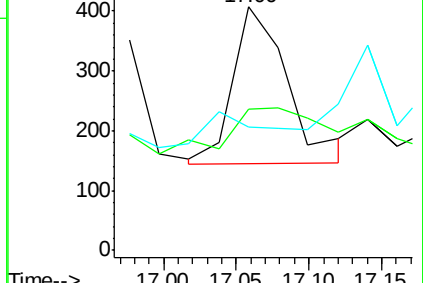
179 0.0 12.2 18.2#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.15 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BM001200.D

Acq: 05 May 2015 01:01

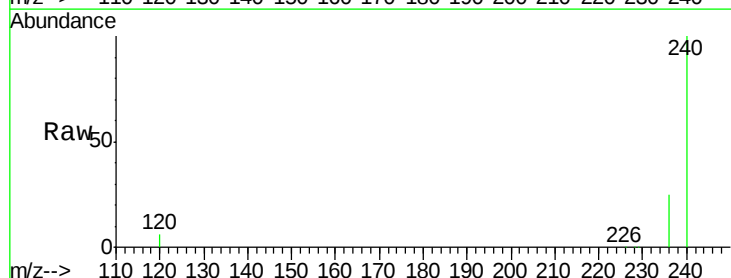
Tgt Ion:240 Resp: 80608

Ion Ratio Lower Upper

240 100

120 6.4 9.2 13.8#

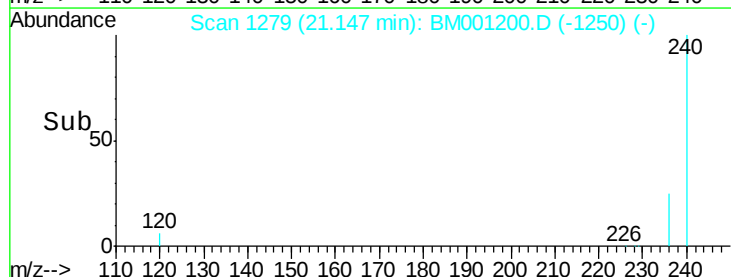
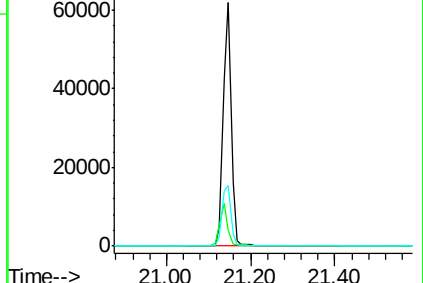
236 25.0 22.4 33.6

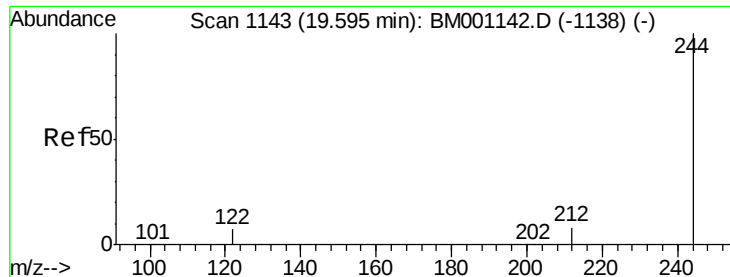


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

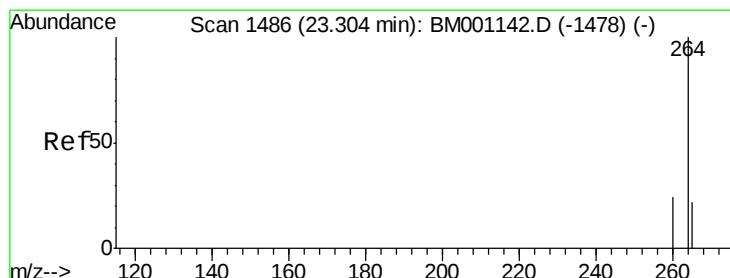
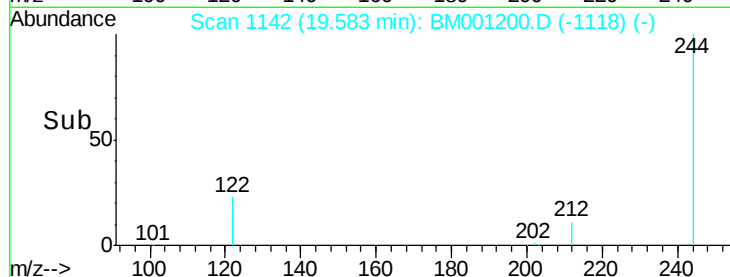
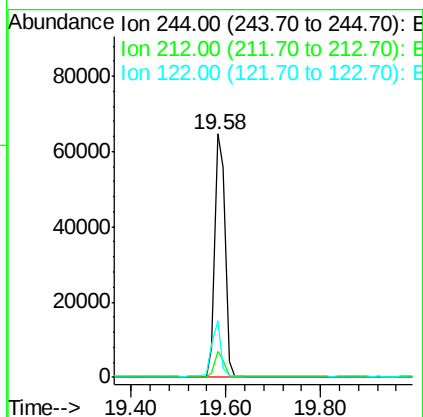
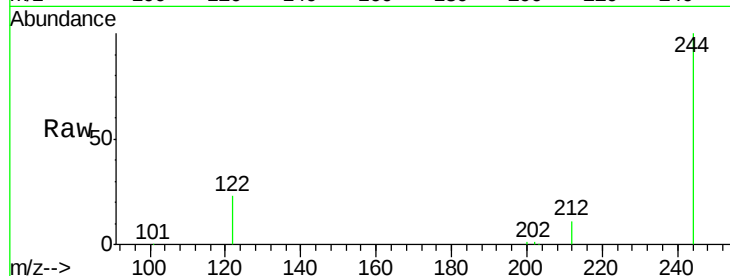




#26
 Terphenyl-d14
 Concen: 8.73 ng
 RT: 19.58 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: BM001200.D
 Acq: 05 May 2015 01:01

Instrument :
 BNA_M
 ClientSampleId :
 MW-102

Tgt Ion: 244 Resp: 97046
 Ion Ratio Lower Upper
 244 100
 212 10.7 7.1 10.7#
 122 23.1 6.2 9.4#



#30
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.29 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: BM001200.D
 Acq: 05 May 2015 01:01

Tgt Ion: 264 Resp: 65615
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.9 28.3
 265 22.4 18.1 27.1

