

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050415\
 Data File : BM001194.D
 Acq On : 04 May 2015 21:25
 Operator : TP/IZ
 Sample : G2104-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-107

Quant Time: May 05 04:04:03 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

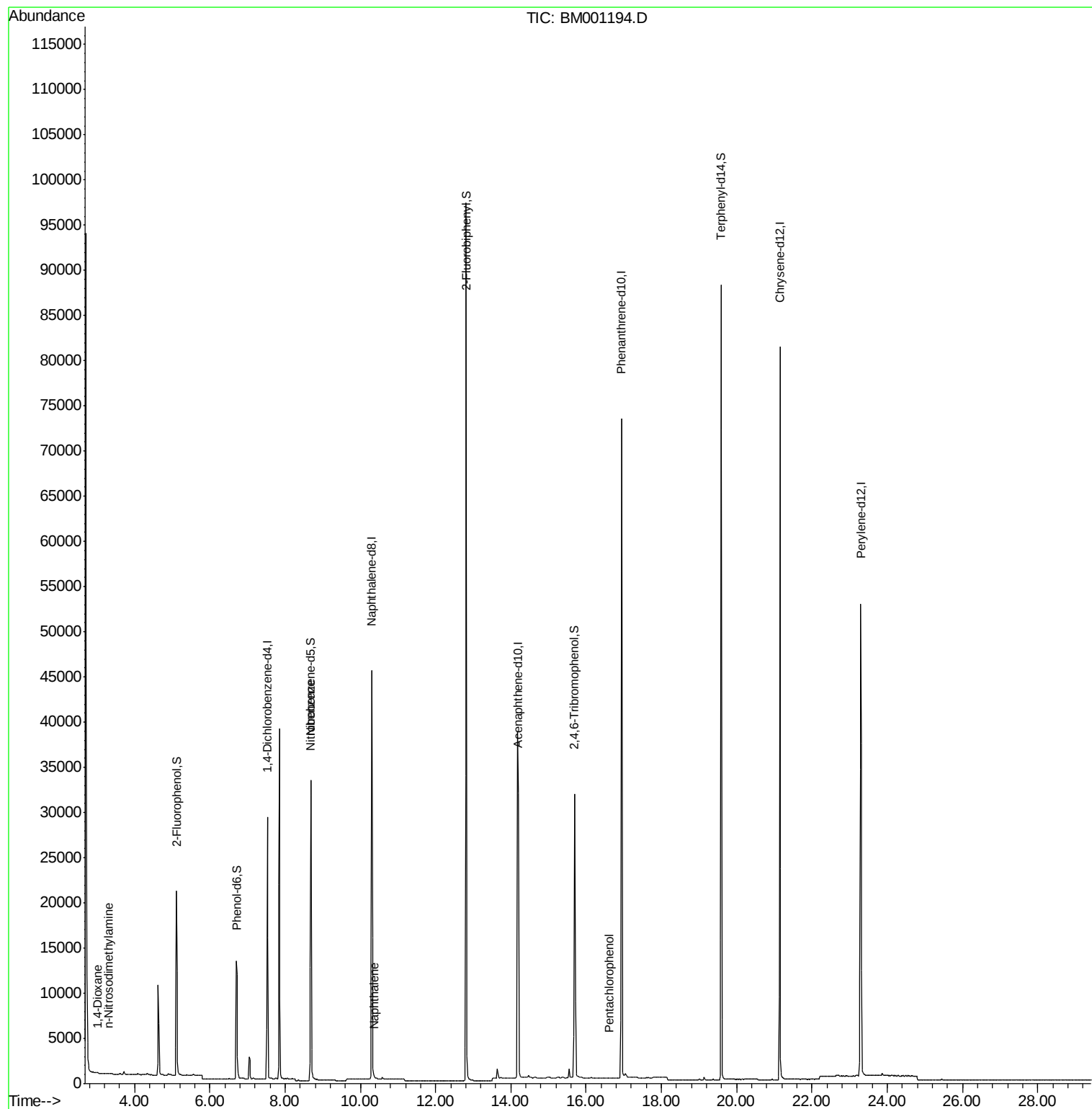
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	14780	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	60182	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	34794	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	91124	5.00	ng	0.00
24) Chrysene-d12	21.15	240	77206	5.00	ng	0.00
30) Perylene-d12	23.29	264	64898	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.11	112	16761	5.83	ng	0.00
5) Phenol-d6	6.72	99	16538	4.67	ng	0.02
7) Nitrobenzene-d5	8.69	82	30625	8.98	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	24840	14.48	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	98540	8.56	ng	0.00
26) Terphenyl-d14	19.58	244	103161	9.69	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.03	88	677	0.13	ng	# 39
3) n-Nitrosodimethylamine	3.31	42	60	0.03	ng	# 1
8) Nitrobenzene	8.68	77	104	0.17	ng	# 30
9) Naphthalene	10.36	128	285	0.02	ng	# 46
20) Pentachlorophenol	16.61	266	14	0.38	ng	# 56

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.53 min Scan# 314

Delta R.T. -0.00 min

Lab File: BM001194.D

Acq: 04 May 2015 21:25

Instrument :

BNA_M

ClientSampleId :

MW-107

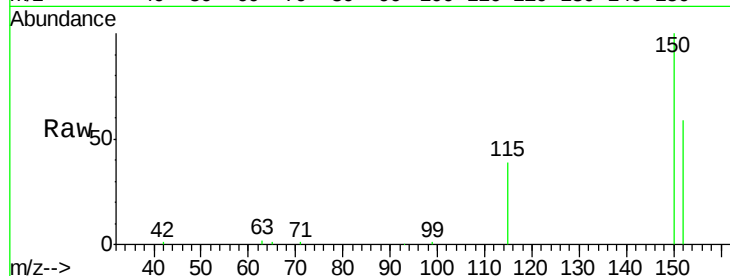
Tgt Ion: 152 Resp: 14780

Ion Ratio Lower Upper

152 100

150 168.1 140.1 210.1

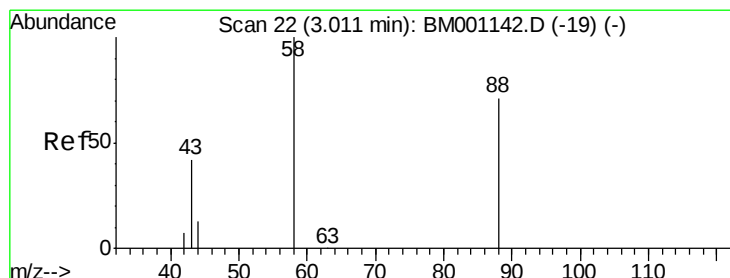
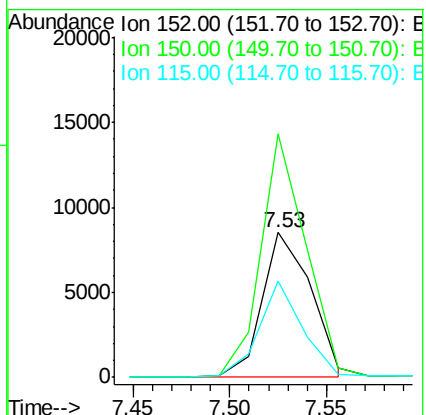
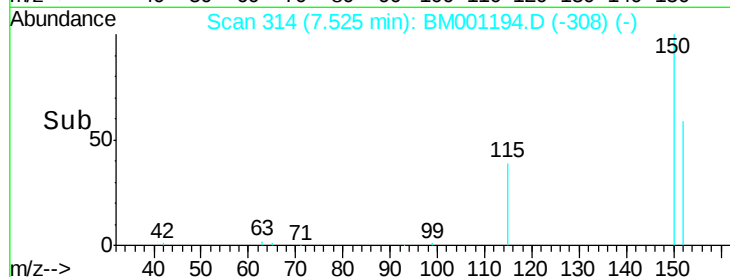
115 66.4 57.8 86.6



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



#2

1,4-Dioxane

Concen: 0.13 ng

RT: 3.03 min Scan# 23

Delta R.T. 0.02 min

Lab File: BM001194.D

Acq: 04 May 2015 21:25

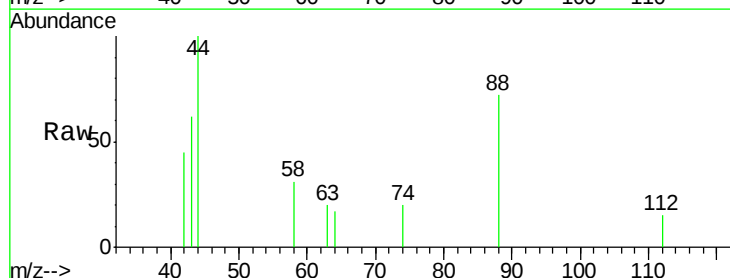
Tgt Ion: 88 Resp: 677

Ion Ratio Lower Upper

88 100

58 12.7 48.2 72.2#

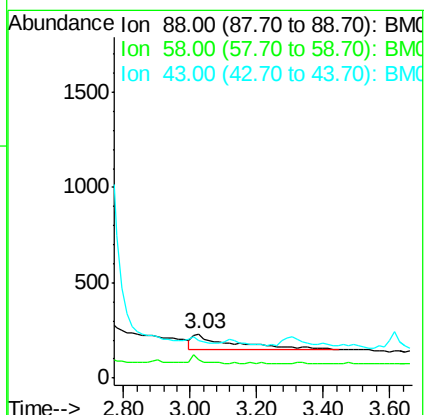
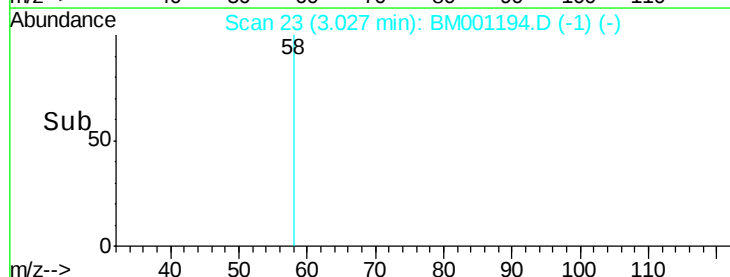
43 0.0 24.8 37.2#

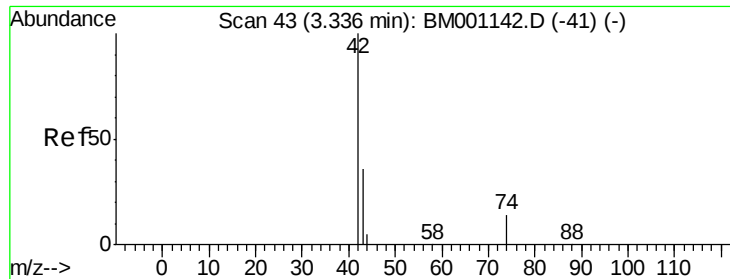


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.03 ng

RT: 3.31 min Scan# 41

Delta R.T. -0.03 min

Lab File: BM001194.D

Acq: 04 May 2015 21:25

Instrument :

BNA_M

ClientSampleId :

MW-107

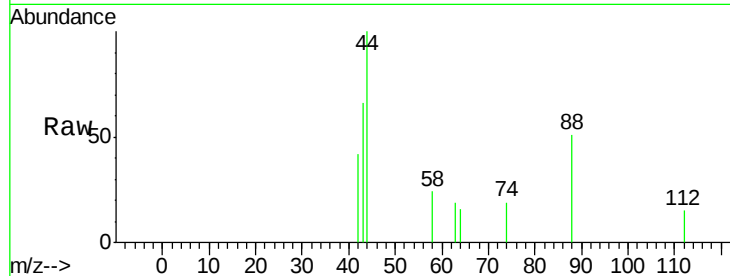
Tgt Ion: 42 Resp: 60

Ion Ratio Lower Upper

42 100

74 0.0 72.0 108.0#

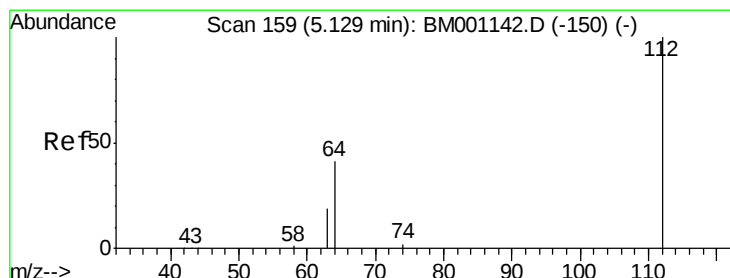
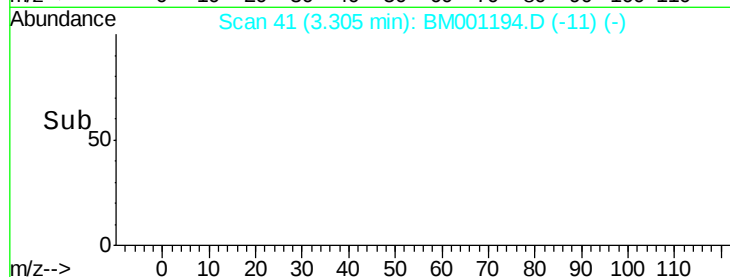
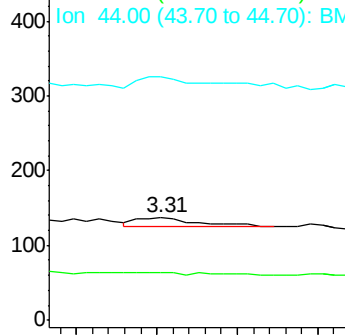
44 193.3 3.7 5.5#



Abundance Ion 42.00 (41.70 to 42.70): BM001142.D (-41) (-)

Ion 74.00 (73.70 to 74.70): BM001142.D (-41) (-)

Ion 44.00 (43.70 to 44.70): BM001142.D (-41) (-)



#4

2-Fluorophenol

Concen: 5.83 ng

RT: 5.11 min Scan# 158

Delta R.T. -0.00 min

Lab File: BM001194.D

Acq: 04 May 2015 21:25

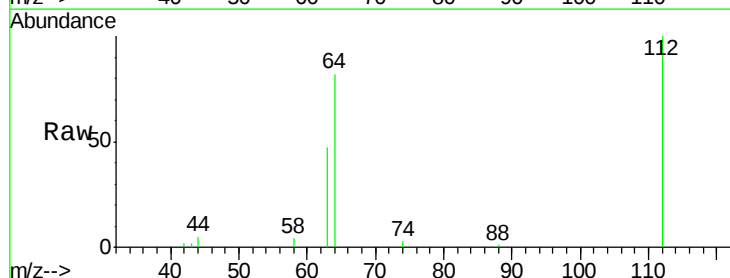
Tgt Ion: 112 Resp: 16761

Ion Ratio Lower Upper

112 100

64 64.7 52.6 79.0

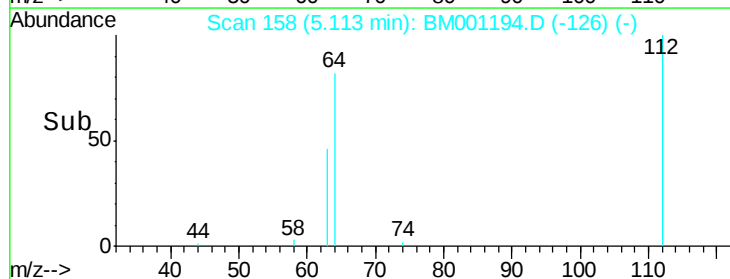
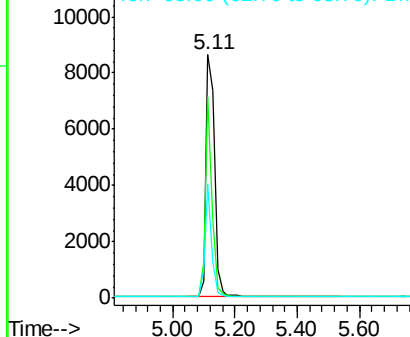
63 35.9 29.5 44.3

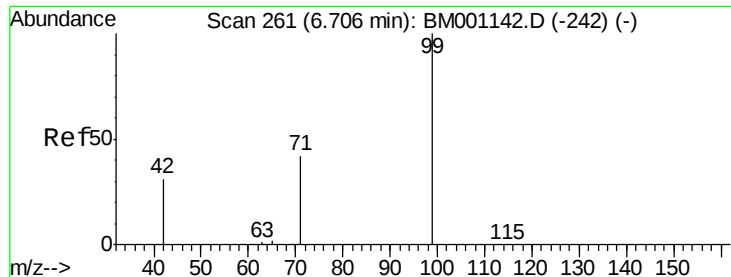


Abundance Ion 112.00 (111.70 to 112.70): BM001142.D (-150) (-)

Ion 64.00 (63.70 to 64.70): BM001142.D (-150) (-)

Ion 63.00 (62.70 to 63.70): BM001142.D (-150) (-)





#5

Phenol-d6

Concen: 4.67 ng

RT: 6.72 min Scan# 262

Delta R.T. 0.02 min

Lab File: BM001194.D

Acq: 04 May 2015 21:25

Instrument :

BNA_M

ClientSampled :

MW-107

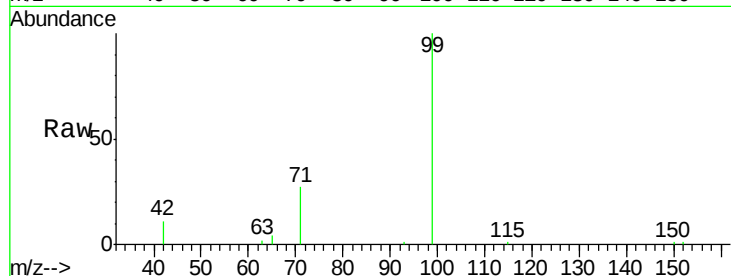
Tgt Ion: 99 Resp: 16538

Ion Ratio Lower Upper

99 100

42 23.9 20.9 31.3

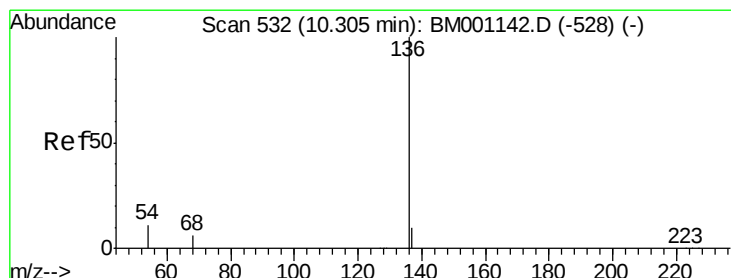
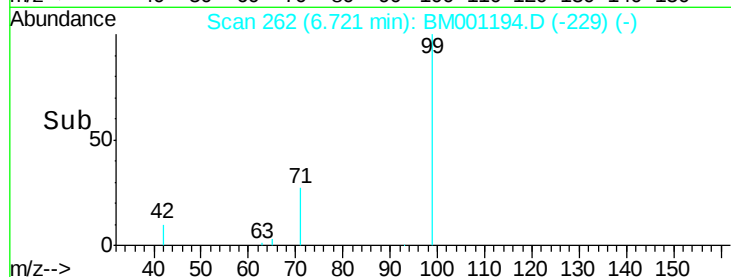
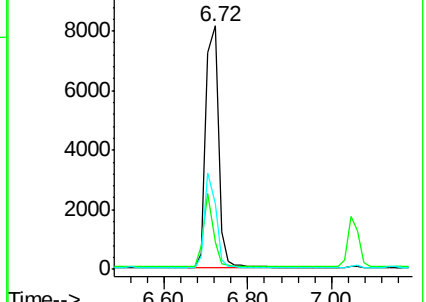
71 35.1 28.5 42.7



Abundance Ion 99.00 (98.70 to 99.70): BM001194.D (-229) (-)

Ion 42.00 (41.70 to 42.70): BM001194.D (-229) (-)

Ion 71.00 (70.70 to 71.70): BM001194.D (-229) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 532

Delta R.T. -0.00 min

Lab File: BM001194.D

Acq: 04 May 2015 21:25

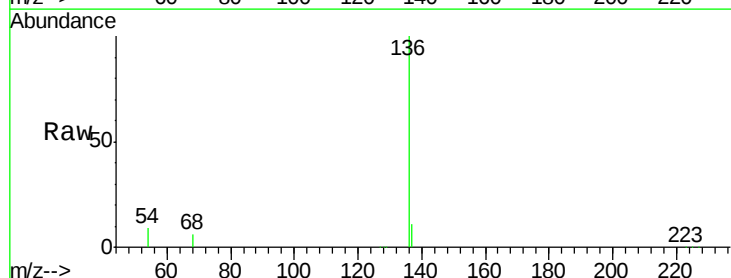
Tgt Ion: 136 Resp: 60182

Ion Ratio Lower Upper

136 100

137 10.6 8.2 12.4

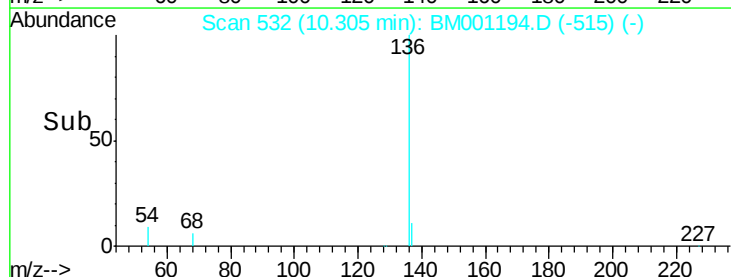
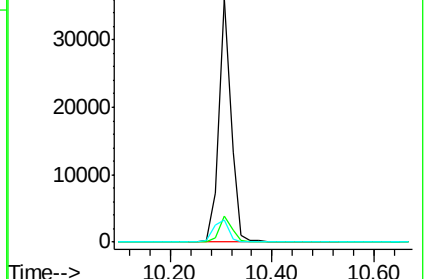
54 9.3 9.0 13.4

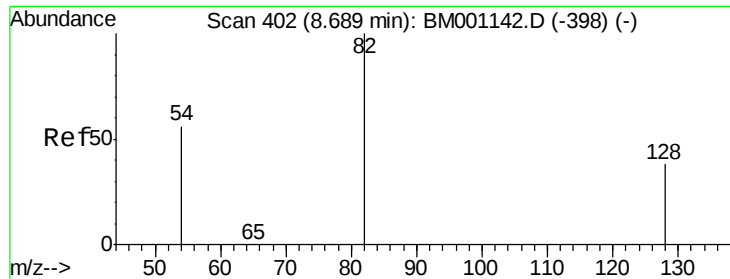


Abundance Ion 136.00 (135.70 to 136.70): BM001194.D (-515) (-)

Ion 137.00 (136.70 to 137.70): BM001194.D (-515) (-)

Ion 54.00 (53.70 to 54.70): BM001194.D (-515) (-)





#7

Nitrobenzene-d5

Concen: 8.98 ng

RT: 8.69 min Scan# 402

Delta R.T. -0.00 min

Lab File: BM001194.D

Acq: 04 May 2015 21:25

Instrument :

BNA_M

ClientSampleId :

MW-107

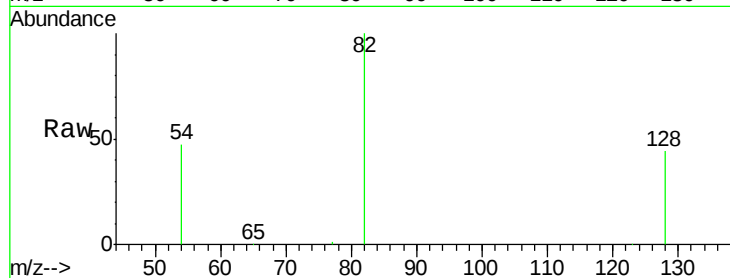
Tgt Ion: 82 Resp: 30625

Ion Ratio Lower Upper

82 100

128 44.1 31.9 47.9

54 47.5 46.2 69.2

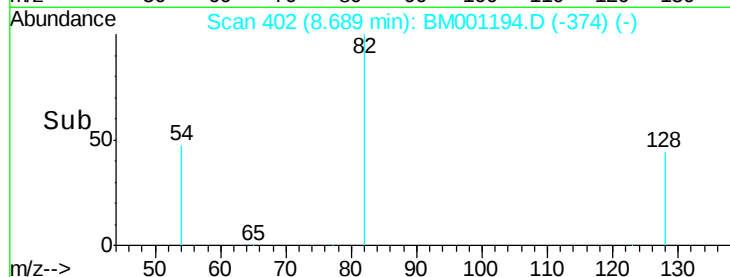


Abundance Ion 82.00 (81.70 to 82.70): BM001194.D (-398) (-)

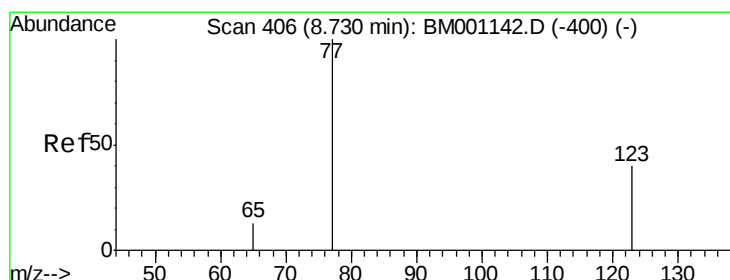
Ion 128.00 (127.70 to 128.70): BM001194.D (-398) (-)

Ion 54.00 (53.70 to 54.70): BM001194.D (-398) (-)

Time-->



Time-->



#8

Nitrobenzene

Concen: 0.17 ng

RT: 8.68 min Scan# 401

Delta R.T. -0.04 min

Lab File: BM001194.D

Acq: 04 May 2015 21:25

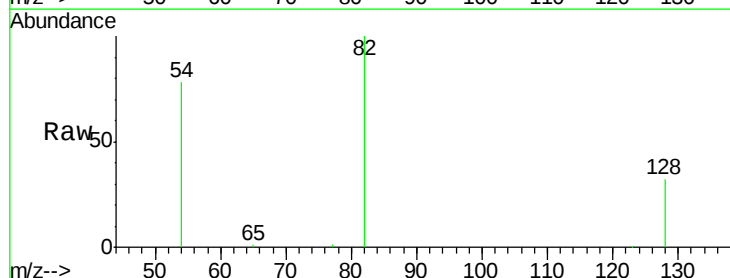
Tgt Ion: 77 Resp: 104

Ion Ratio Lower Upper

77 100

123 0.0 31.0 46.6#

65 48.1 10.6 15.8#

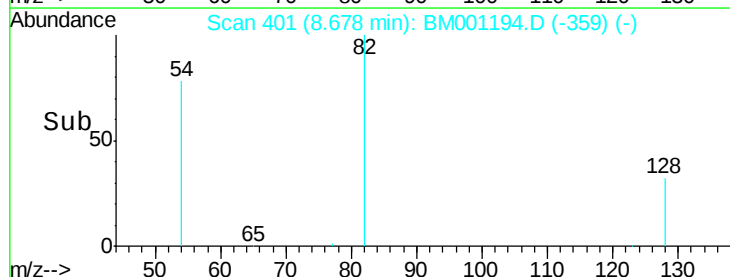


Abundance Ion 77.00 (76.70 to 77.70): BM001194.D (-359) (-)

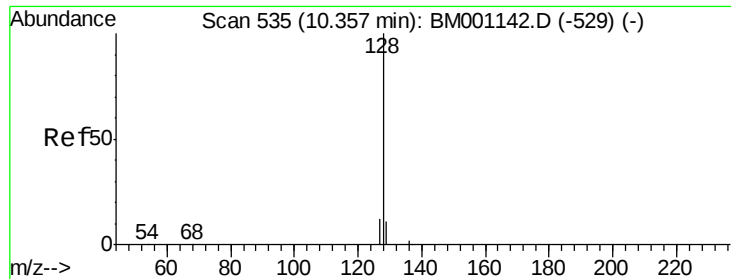
Ion 123.00 (122.70 to 123.70): BM001194.D (-359) (-)

Ion 65.00 (64.70 to 65.70): BM001194.D (-359) (-)

Time-->



Time-->



#9

Naphthalene

Concen: 0.02 ng

RT: 10.36 min Scan# 535

Delta R.T. -0.00 min

Lab File: BM001194.D

Acq: 04 May 2015 21:25

Instrument :

BNA_M

ClientSampleId :

MW-107

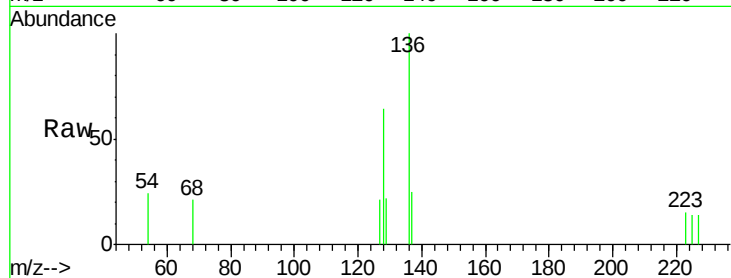
Tgt Ion:128 Resp: 285

Ion Ratio Lower Upper

128 100

129 33.6 9.0 13.6#

127 32.2 10.0 15.0#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

10.36

200

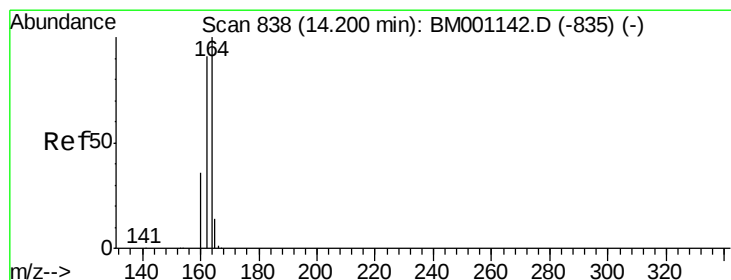
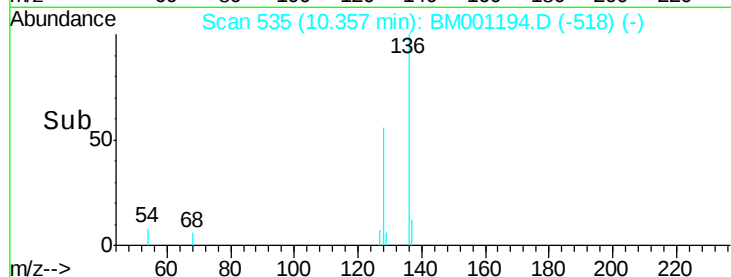
150

100

50

0

Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.20 min Scan# 838

Delta R.T. -0.00 min

Lab File: BM001194.D

Acq: 04 May 2015 21:25

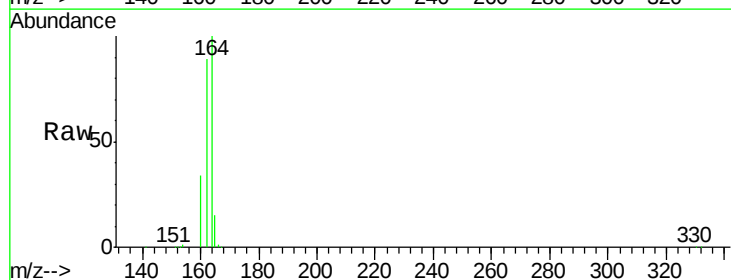
Tgt Ion:164 Resp: 34794

Ion Ratio Lower Upper

164 100

162 88.8 72.7 109.1

160 33.9 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

14.20

20000

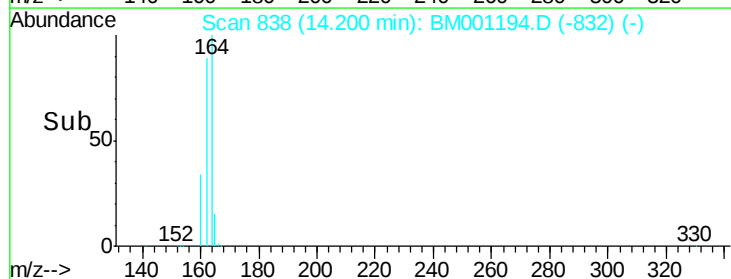
15000

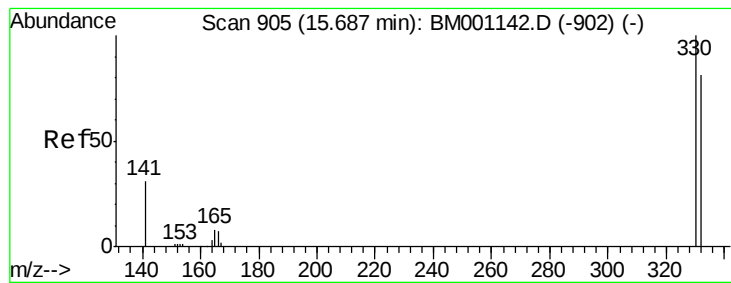
10000

5000

0

Time-->

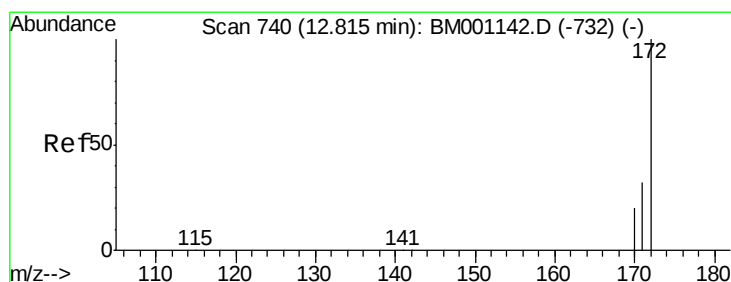
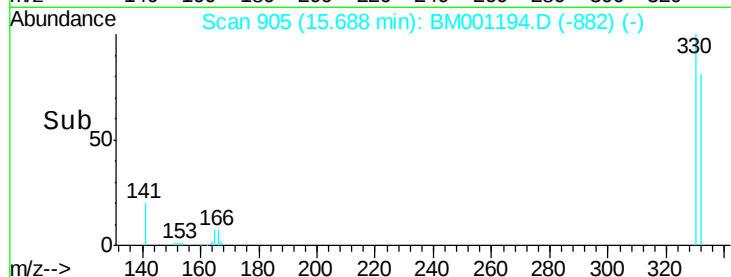
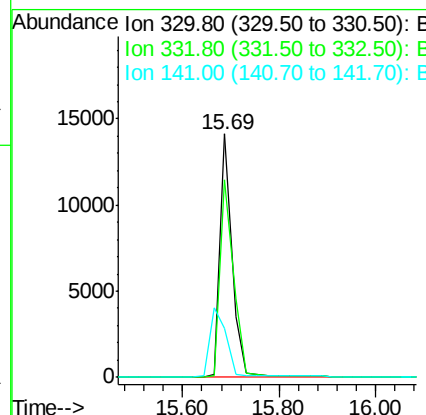
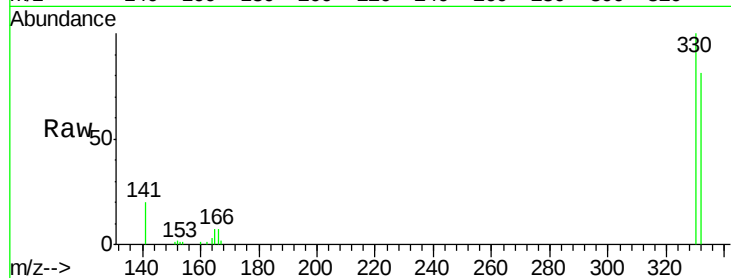




#13
 2,4,6-Tribromophenol
 Concen: 14.48 ng
 RT: 15.69 min Scan# 905
 Delta R.T. -0.00 min
 Lab File: BM001194.D
 Acq: 04 May 2015 21:25

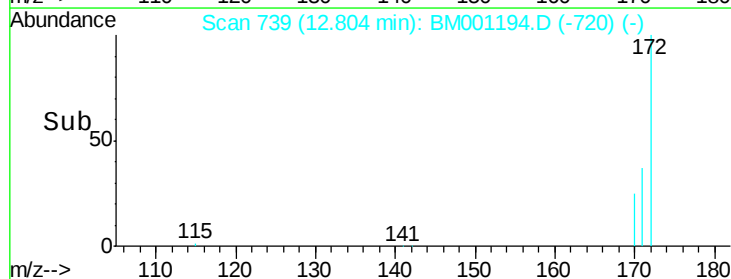
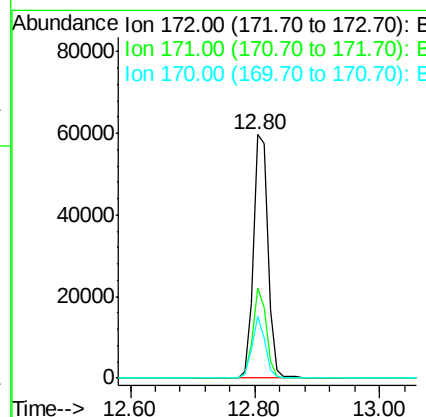
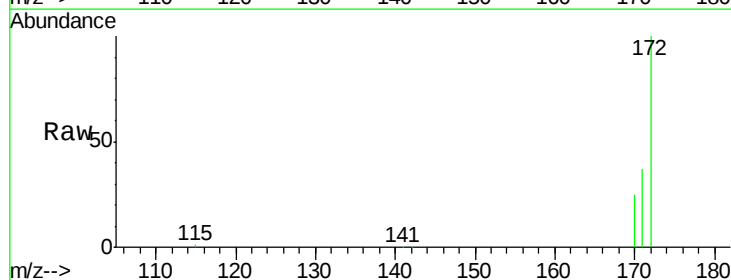
Instrument :
 BNA_M
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 MW-107

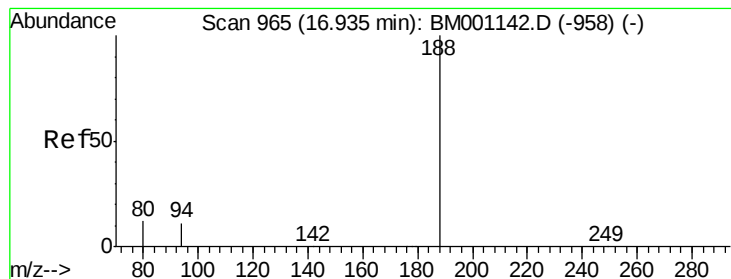
Tgt Ion:330 Resp: 24840
 Ion Ratio Lower Upper
 330 100
 332 91.3 74.5 111.7
 141 0.0 21.0 31.4#



#14
 2-Fluorobiphenyl
 Concen: 8.56 ng
 RT: 12.80 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BM001194.D
 Acq: 04 May 2015 21:25

Tgt Ion:172 Resp: 98540
 Ion Ratio Lower Upper
 172 100
 171 36.9 25.8 38.6
 170 25.4 16.1 24.1#





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.94 min Scan# 965

Delta R.T. -0.00 min

Lab File: BM001194.D

Acq: 04 May 2015 21:25

Instrument :

BNA_M

ClientSampleId :

MW-107

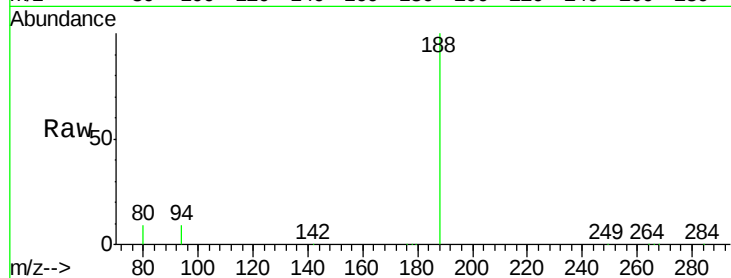
Tgt Ion:188 Resp: 91124

Ion Ratio Lower Upper

188 100

94 8.9 9.3 13.9#

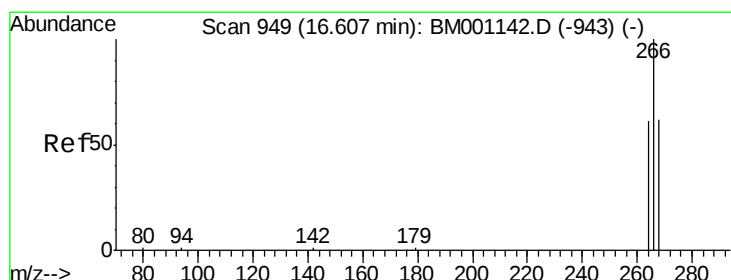
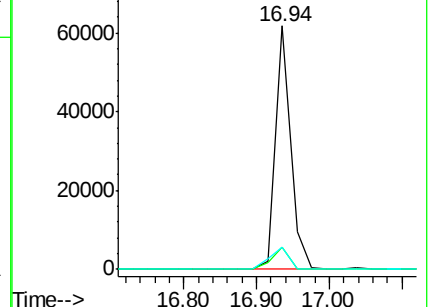
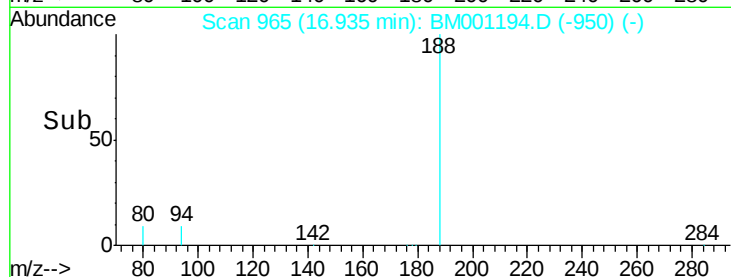
80 8.9 9.8 14.6#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM001194.D (-950) (-)

Ion 80.00 (79.70 to 80.70): BM001194.D (-950) (-)



#20

Pentachlorophenol

Concen: 0.38 ng

RT: 16.61 min Scan# 949

Delta R.T. -0.00 min

Lab File: BM001194.D

Acq: 04 May 2015 21:25

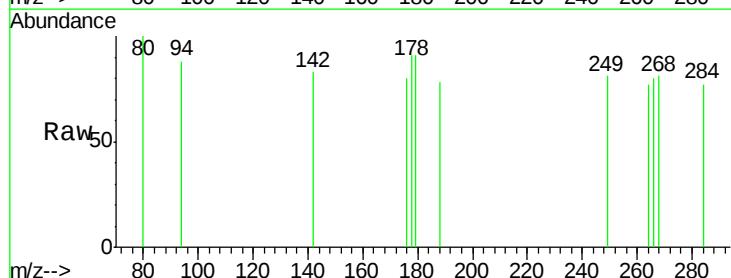
Tgt Ion:266 Resp: 14

Ion Ratio Lower Upper

266 100

268 102.0 52.6 79.0#

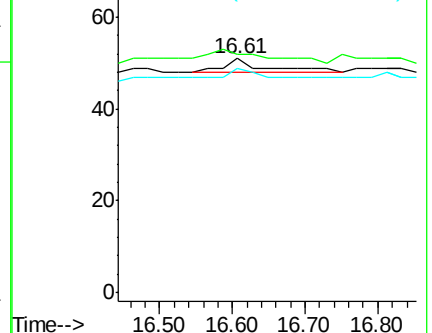
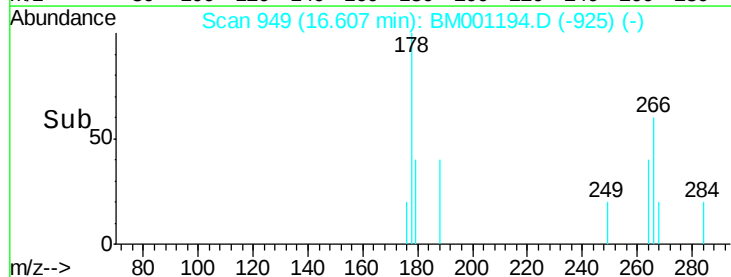
264 96.1 51.0 76.4#

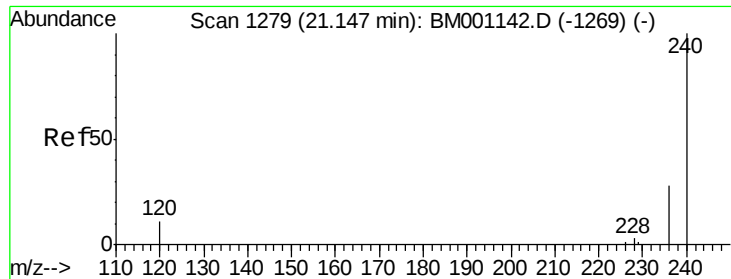


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

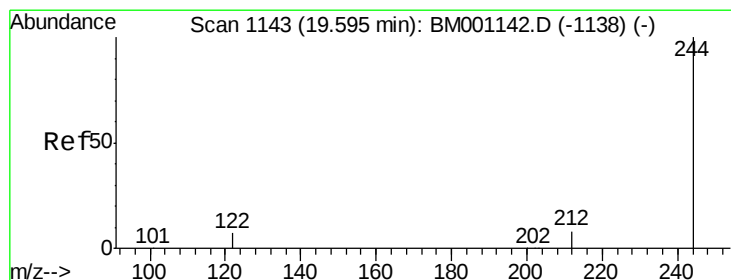
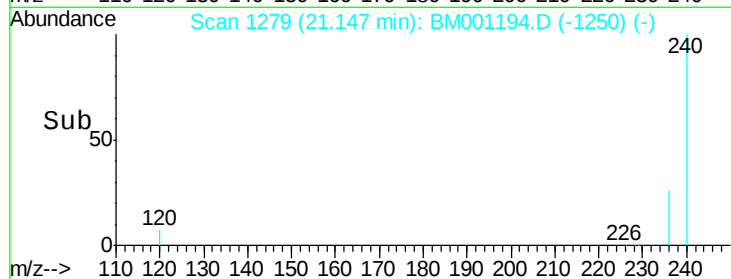
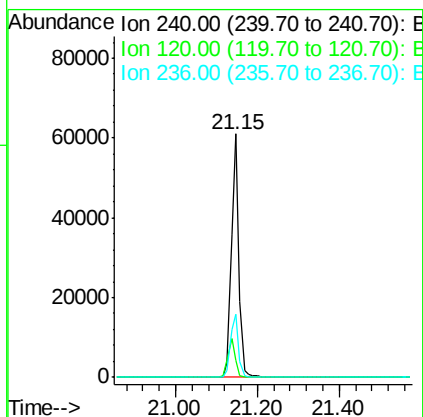
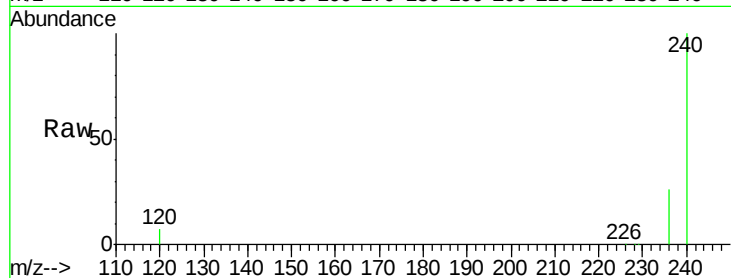




#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.15 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BM001194.D
Acq: 04 May 2015 21:25

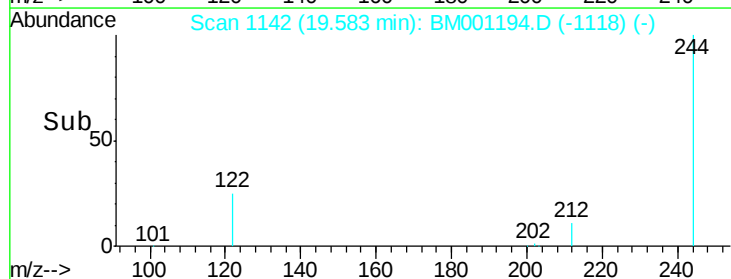
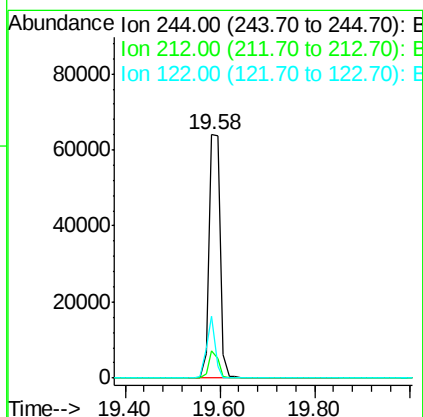
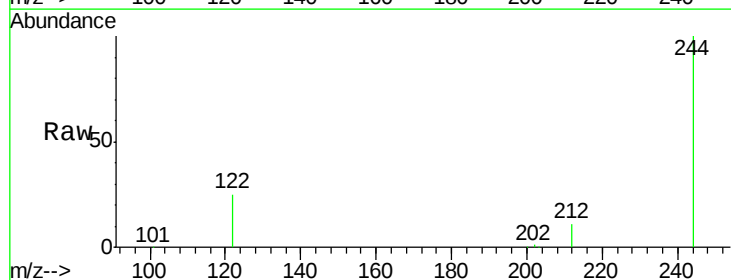
Instrument :
BNA_M
ClientSampleId :
MW-107

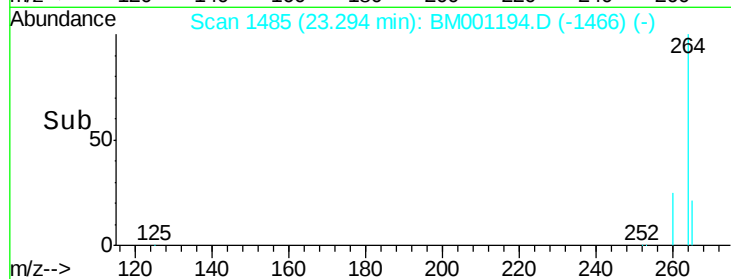
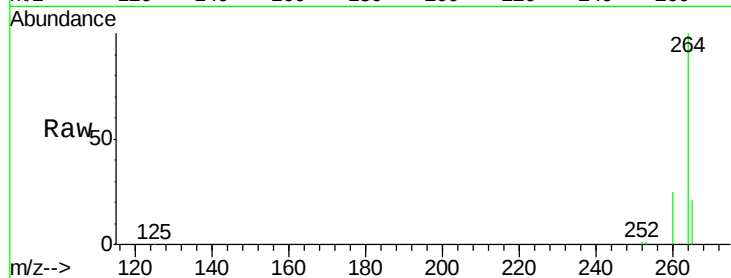
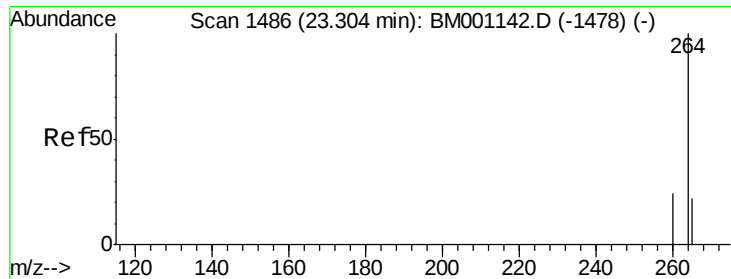
Tgt Ion:240 Resp: 77206
Ion Ratio Lower Upper
240 100
120 7.0 9.2 13.8#
236 26.0 22.4 33.6



#26
Terphenyl-d14
Concen: 9.69 ng
RT: 19.58 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BM001194.D
Acq: 04 May 2015 21:25

Tgt Ion:244 Resp: 103161
Ion Ratio Lower Upper
244 100
212 11.1 7.1 10.7#
122 25.5 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: BM001194.D

Acq: 04 May 2015 21:25

Instrument :

BNA_M

ClientSampleId :

MW-107

Tgt Ion:264 Resp: 64898

Ion Ratio Lower Upper

264 100

260 25.2 18.9 28.3

265 21.5 18.1 27.1

