

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050415\
 Data File : BM001195.D
 Acq On : 04 May 2015 22:01
 Operator : TP/IZ
 Sample : G2104-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-103

Quant Time: May 05 04:04:15 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

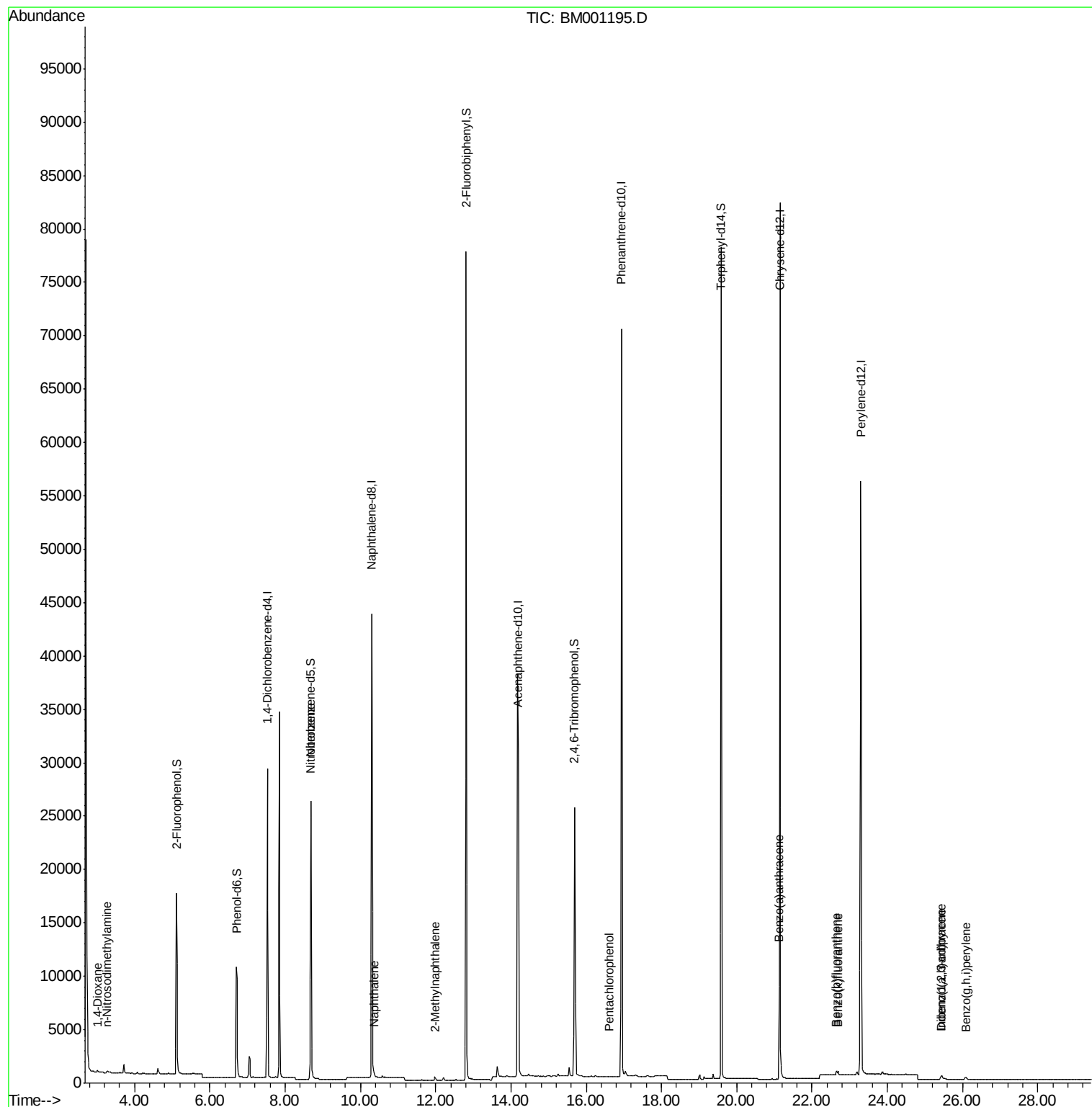
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	14855	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	58381	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	33842	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	88981	5.00	ng	0.00
24) Chrysene-d12	21.15	240	77837	5.00	ng	0.00
30) Perylene-d12	23.29	264	67392	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.11	112	14440	5.00	ng	0.00
5) Phenol-d6	6.72	99	13263	3.73	ng	0.02
7) Nitrobenzene-d5	8.69	82	24067	7.28	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	19975	12.00	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	78636	7.03	ng	0.00
26) Terphenyl-d14	19.58	244	86176	8.03	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.03	88	700	0.15	ng	# 45
3) n-Nitrosodimethylamine	3.27	42	110	0.06	ng	# 1
8) Nitrobenzene	8.68	77	101	0.17	ng	# 28
9) Naphthalene	10.36	128	399	0.03	ng	# 61
11) 2-Methylnaphthalene	11.98	142	221	0.03	ng	# 74
20) Pentachlorophenol	16.61	266	22	0.38	ng	# 58
27) Benzo(a)anthracene	21.13	228	640	0.03	ng	# 81
29) Indeno(1,2,3-cd)pyrene	25.43	276	423	0.02	ng	# 94
31) Benzo(b)fluoranthene	22.65	252	427	0.02	ng	# 8
32) Benzo(k)fluoranthene	22.69	252	422	0.02	ng	# 2
34) Dibenzo(a,h)anthracene	25.44	278	355	0.02	ng	# 1
35) Benzo(g,h,i)perylene	26.09	276	353	0.02	ng	# 44

(#) = 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: BM001195.D

Acq: 04 May 2015 22:01

Instrument :

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ClientSampleId :

MW-103

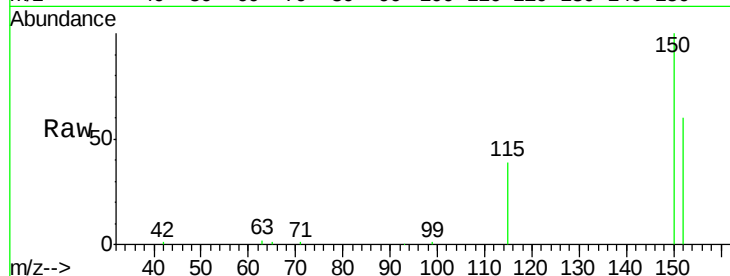
Tgt Ion:152 Resp: 14855

Ion Ratio Lower Upper

152 100

150 167.5 140.1 210.1

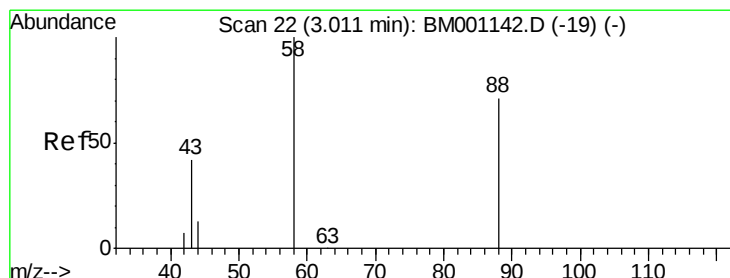
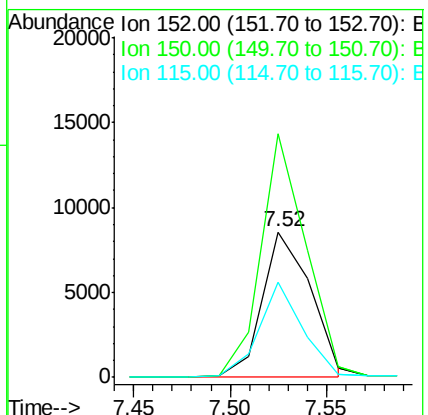
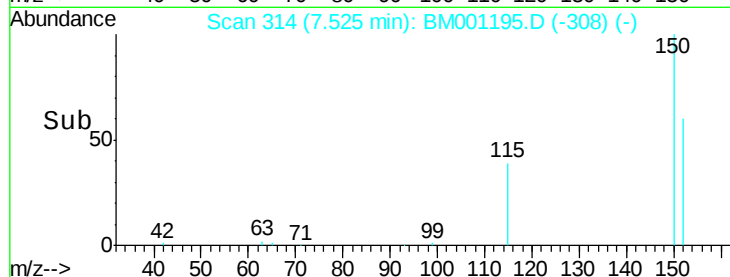
115 65.6 57.8 86.6



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: 0.15 ng

RT: 3.03 min Scan# 23

Delta R.T. 0.02 min

Lab File: BM001195.D

Acq: 04 May 2015 22:01

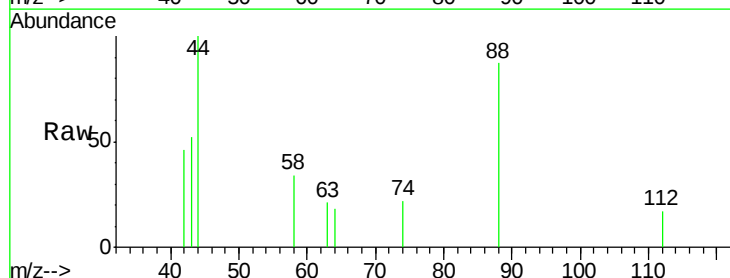
Tgt Ion: 88 Resp: 700

Ion Ratio Lower Upper

88 100

58 19.1 48.2 72.2#

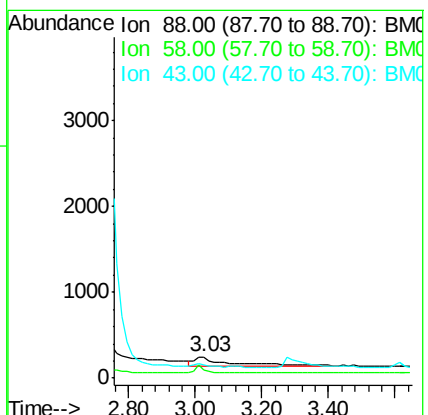
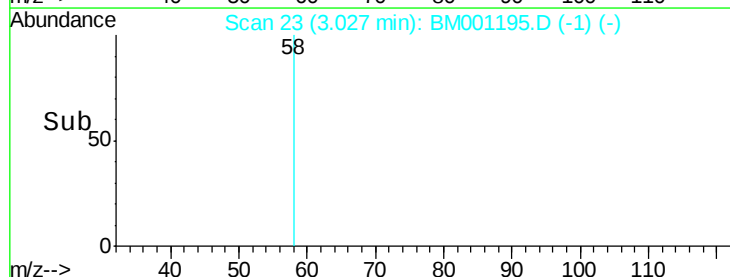
43 0.0 24.8 37.2#



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: 0.06 ng

RT: 3.27 min Scan# 39

Delta R.T. -0.06 min

Lab File: BM001195.D

Acq: 04 May 2015 22:01

Instrument :

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ClientSampleId :

MW-103

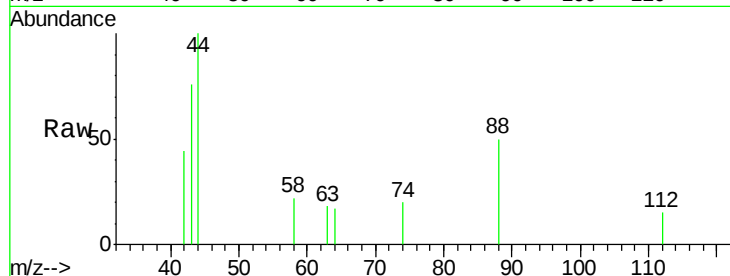
Tgt Ion: 42 Resp: 110

Ion Ratio Lower Upper

42 100

74 9.1 72.0 108.0#

44 132.7 3.7 5.5#

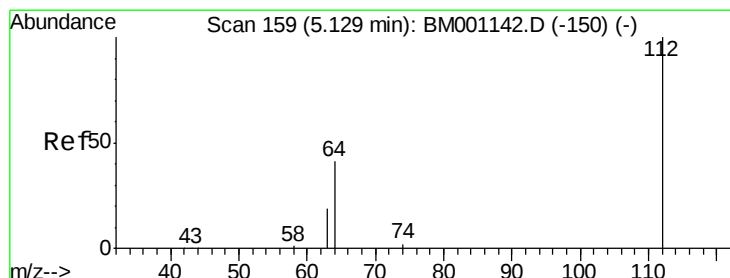
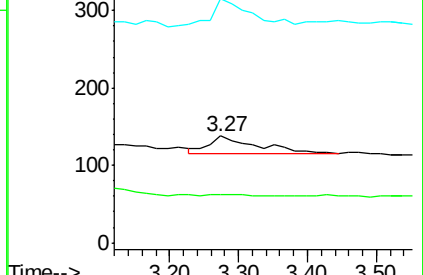
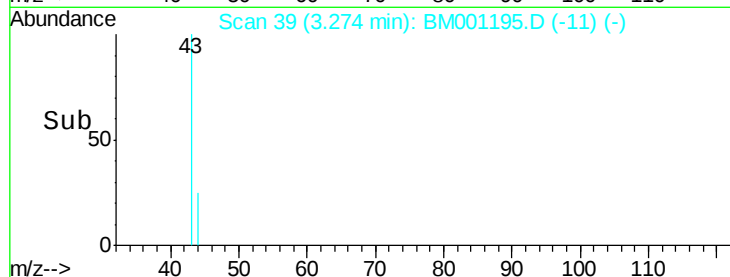


Abundance Ion 42.00 (41.70 to 42.70): BM001142.D (-41) (-)

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

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

Time-->



#4

2-Fluorophenol

Concen: 5.00 ng

RT: 5.11 min Scan# 158

Delta R.T. -0.00 min

Lab File: BM001195.D

Acq: 04 May 2015 22:01

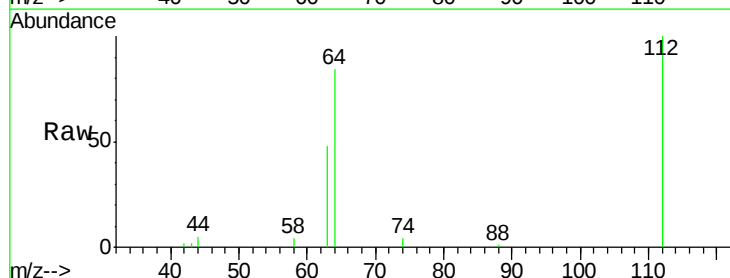
Tgt Ion: 112 Resp: 14440

Ion Ratio Lower Upper

112 100

64 64.5 52.6 79.0

63 35.8 29.5 44.3

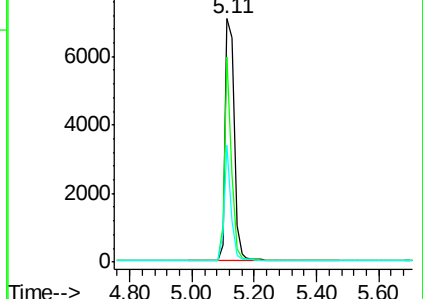
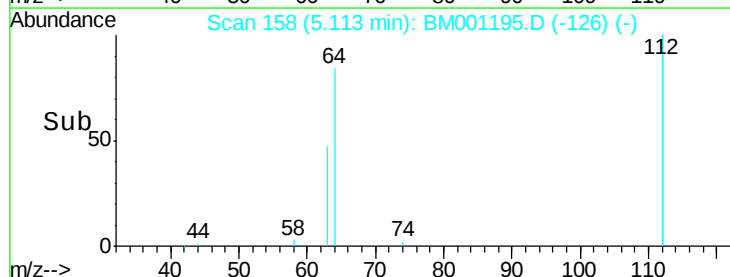


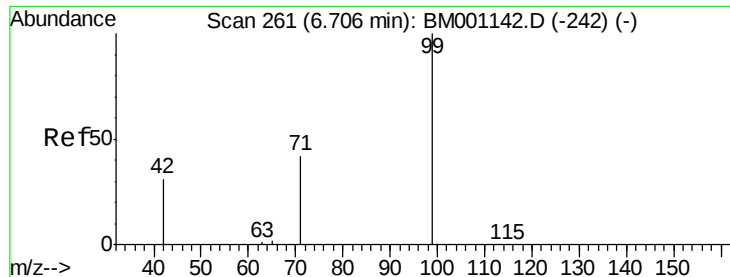
Abundance Ion 112.00 (111.70 to 112.70): BM001142.D (-150) (-)

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

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

Time-->





#5

Phenol-d6

Concen: 3.73 ng

RT: 6.72 min Scan# 262

Delta R.T. 0.02 min

Lab File: BM001195.D

Acq: 04 May 2015 22:01

Instrument :

BNA_M

ClientSampleId :

MW-103

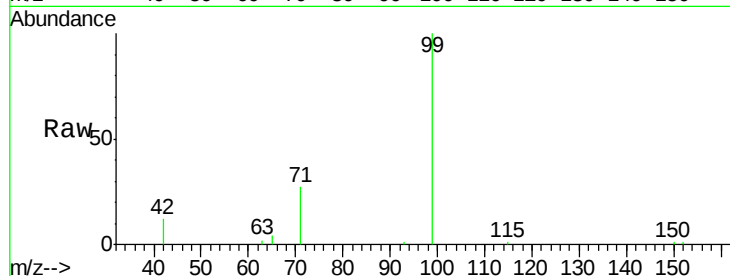
Tgt Ion: 99 Resp: 13263

Ion Ratio Lower Upper

99 100

42 23.9 20.9 31.3

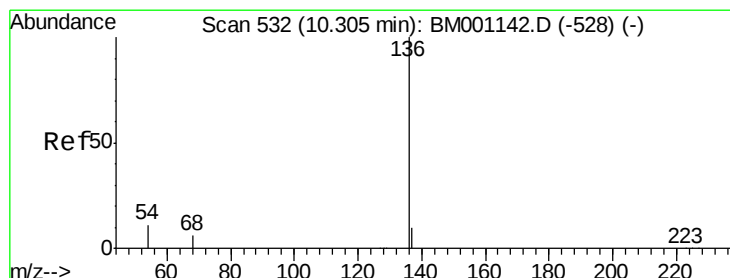
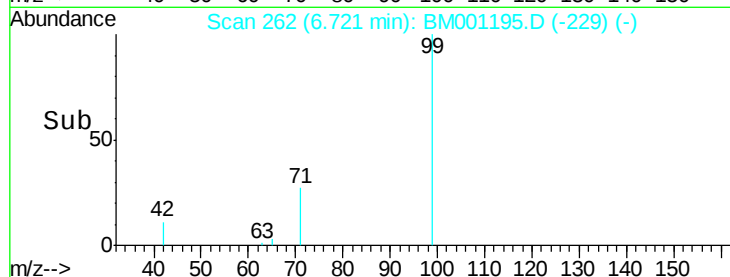
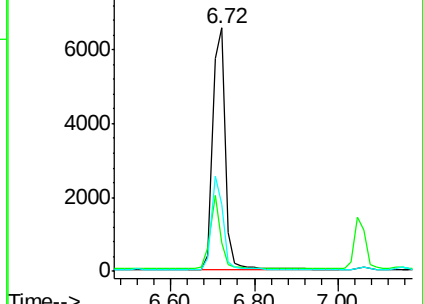
71 35.2 28.5 42.7



Abundance Ion 99.00 (98.70 to 99.70): BM001142.D (-242) (-)

Ion 42.00 (41.70 to 42.70): BM001142.D (-242) (-)

Ion 71.00 (70.70 to 71.70): BM001142.D (-242) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 532

Delta R.T. -0.00 min

Lab File: BM001195.D

Acq: 04 May 2015 22:01

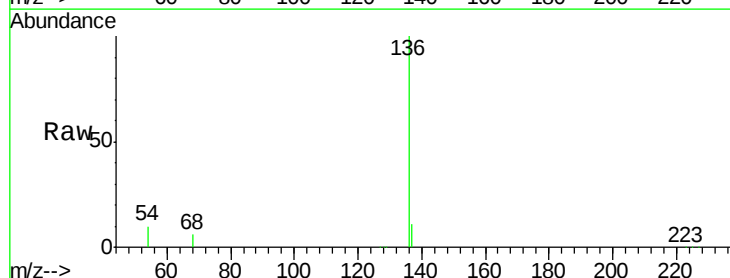
Tgt Ion: 136 Resp: 58381

Ion Ratio Lower Upper

136 100

137 10.6 8.2 12.4

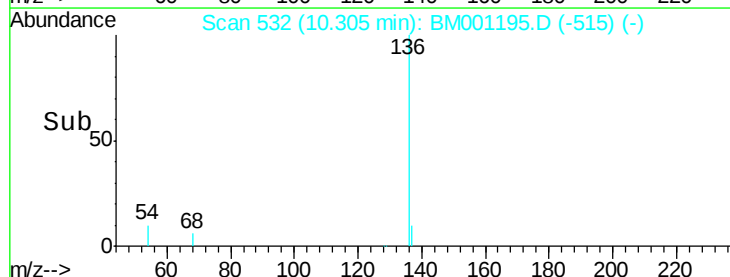
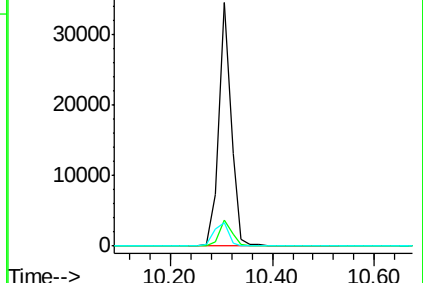
54 9.8 9.0 13.4

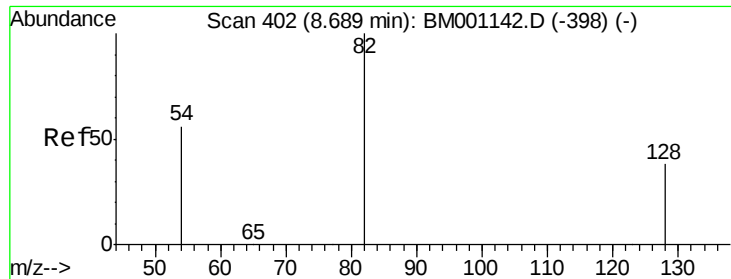


Abundance Ion 136.00 (135.70 to 136.70): BM001142.D (-528) (-)

Ion 137.00 (136.70 to 137.70): BM001142.D (-528) (-)

Ion 54.00 (53.70 to 54.70): BM001142.D (-528) (-)





#7

Nitrobenzene-d5

Concen: 7.28 ng

RT: 8.69 min Scan# 402

Delta R.T. -0.00 min

Lab File: BM001195.D

Acq: 04 May 2015 22:01

Instrument :

BNA_M

ClientSampleId :

MW-103

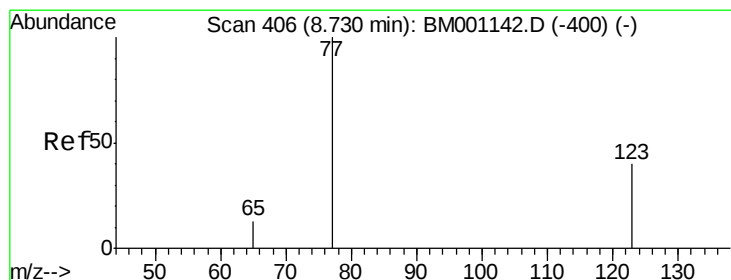
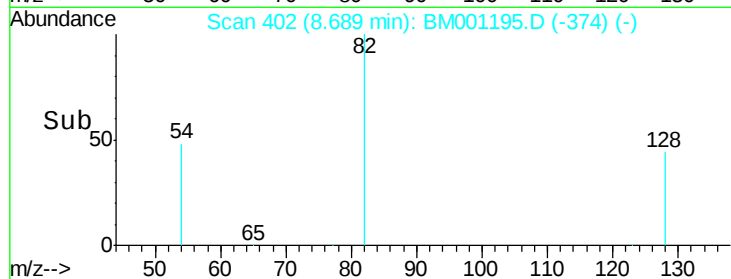
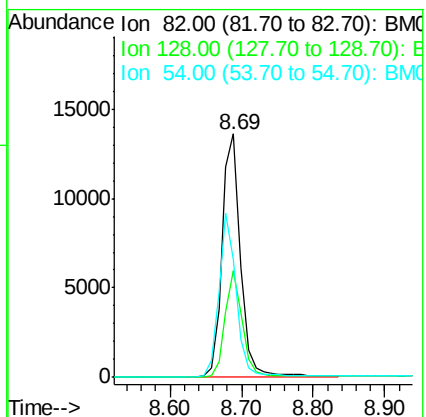
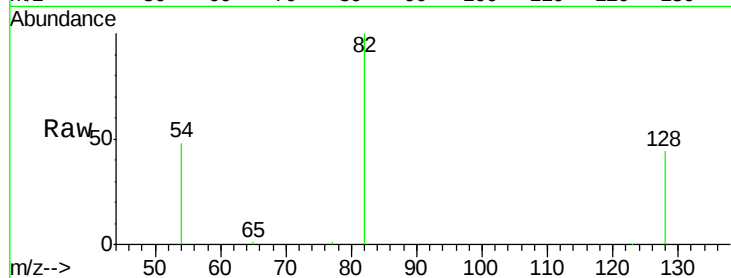
Tgt Ion: 82 Resp: 24067

Ion Ratio Lower Upper

82 100

128 43.9 31.9 47.9

54 48.3 46.2 69.2



#8

Nitrobenzene

Concen: 0.17 ng

RT: 8.68 min Scan# 401

Delta R.T. -0.04 min

Lab File: BM001195.D

Acq: 04 May 2015 22:01

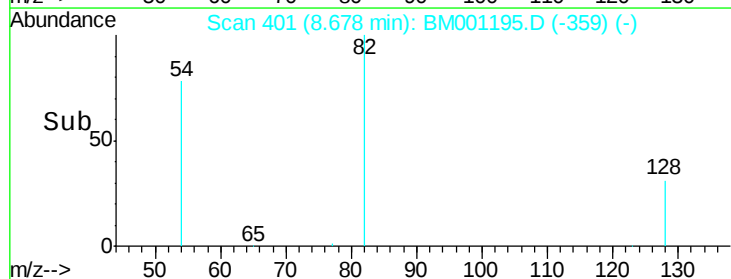
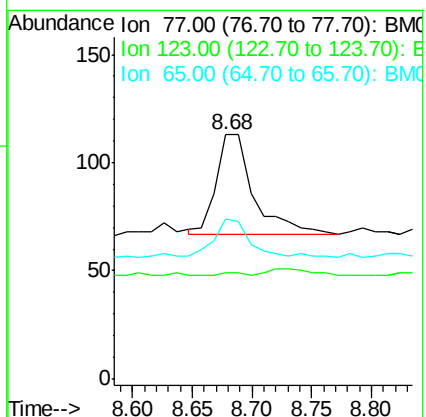
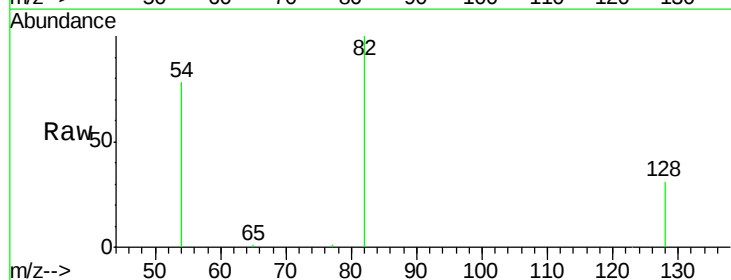
Tgt Ion: 77 Resp: 101

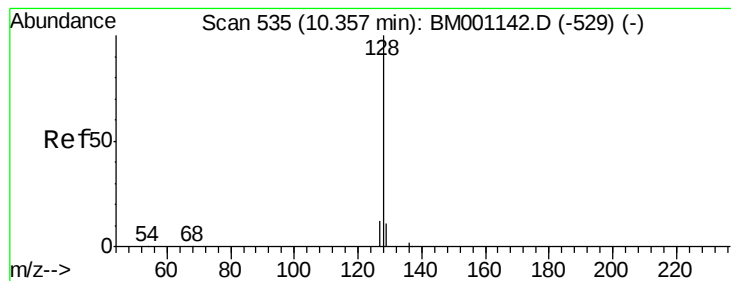
Ion Ratio Lower Upper

77 100

123 0.0 31.0 46.6#

65 51.5 10.6 15.8#





#9

Naphthalene

Concen: 0.03 ng

RT: 10.36 min Scan# 535

Delta R.T. -0.00 min

Lab File: BM001195.D

Acq: 04 May 2015 22:01

Instrument :

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ClientSampleId :

MW-103

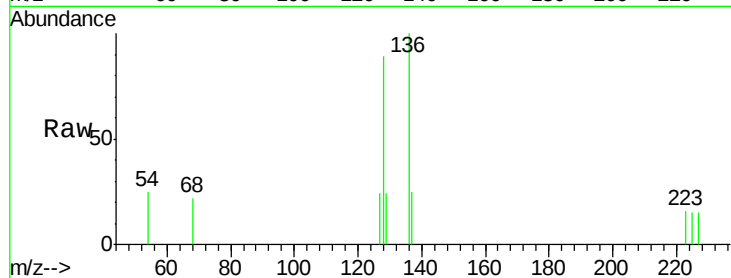
Tgt Ion:128 Resp: 399

Ion Ratio Lower Upper

128 100

129 27.0 9.0 13.6#

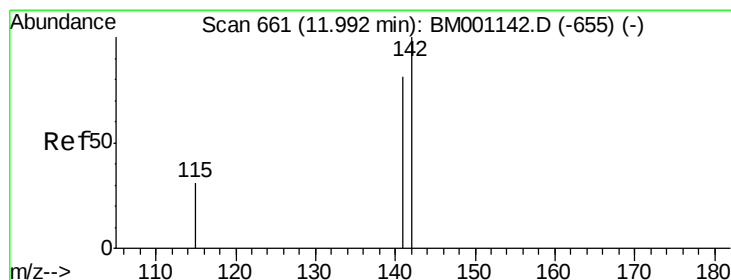
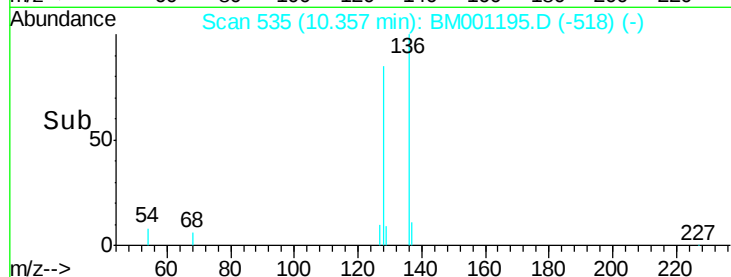
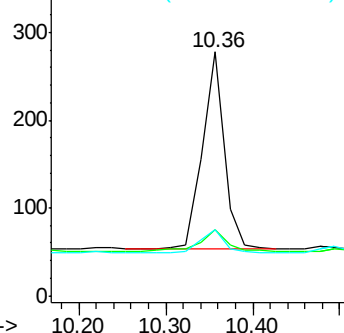
127 27.0 10.0 15.0#



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



#11

2-Methylnaphthalene

Concen: 0.03 ng

RT: 11.98 min Scan# 660

Delta R.T. -0.00 min

Lab File: BM001195.D

Acq: 04 May 2015 22:01

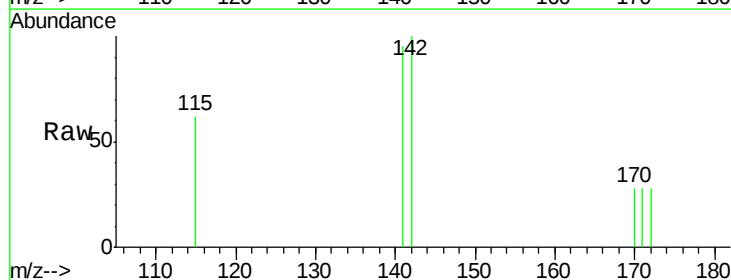
Tgt Ion:142 Resp: 221

Ion Ratio Lower Upper

142 100

141 94.5 65.1 97.7

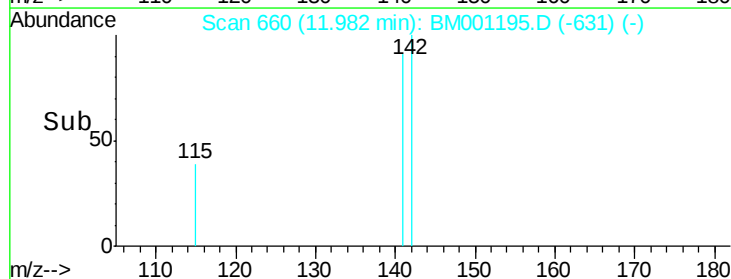
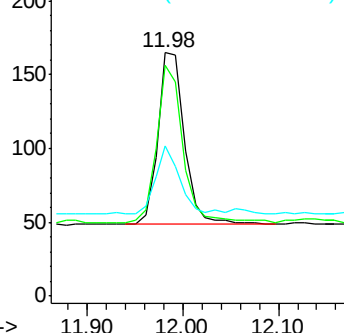
115 61.8 25.1 37.7#

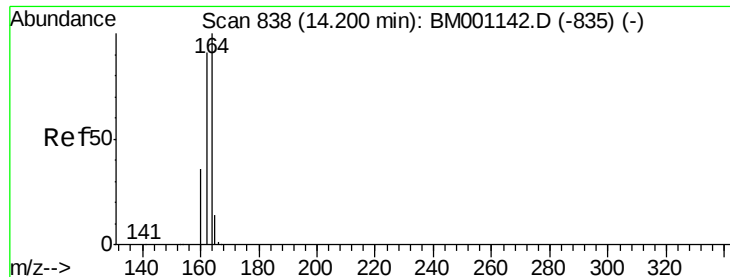


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.20 min Scan# 838

Delta R.T. -0.00 min

Lab File: BM001195.D

Acq: 04 May 2015 22:01

Instrument :

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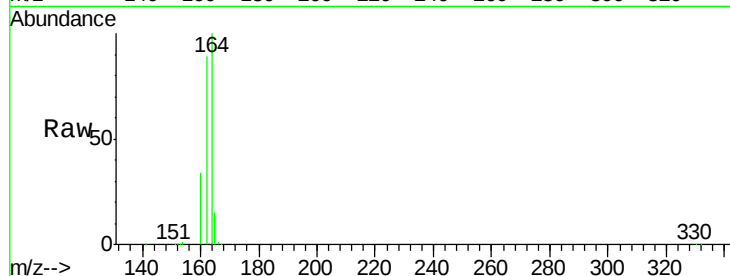
Tgt Ion:164 Resp: 33842

Ion Ratio Lower Upper

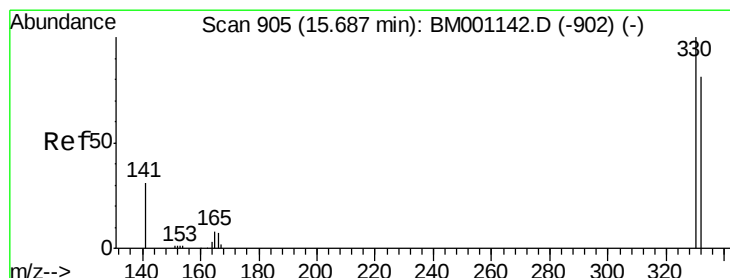
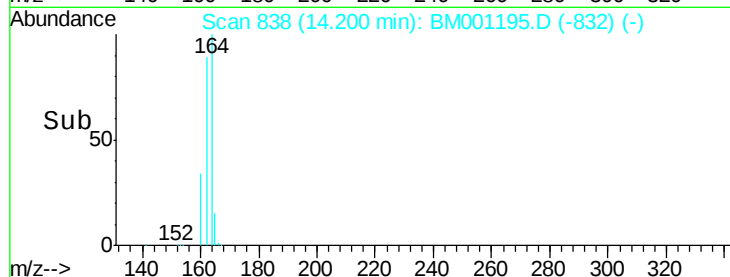
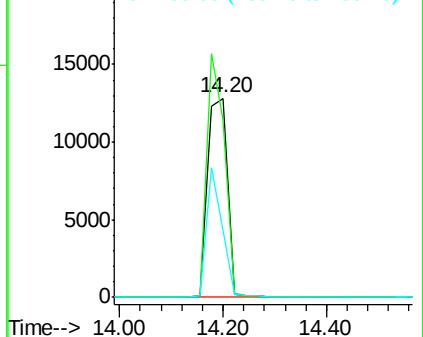
164 100

162 89.1 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



#13

2,4,6-Tribromophenol

Concen: 12.00 ng

RT: 15.69 min Scan# 905

Delta R.T. -0.00 min

Lab File: BM001195.D

Acq: 04 May 2015 22:01

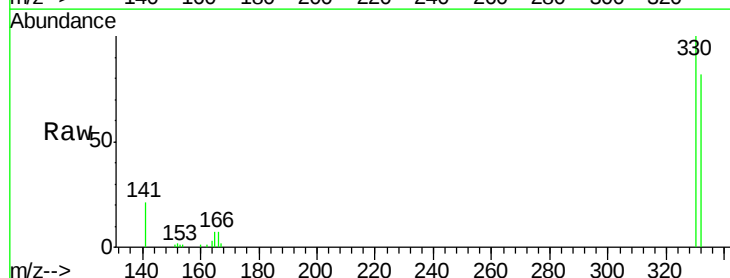
Tgt Ion:330 Resp: 19975

Ion Ratio Lower Upper

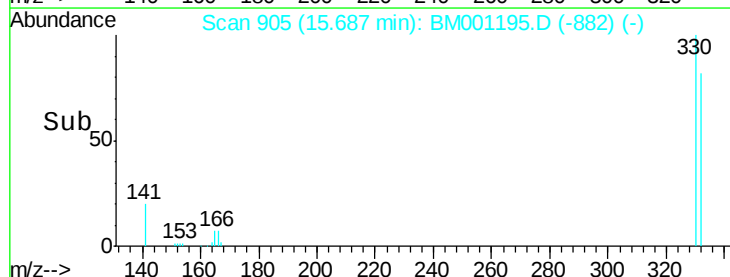
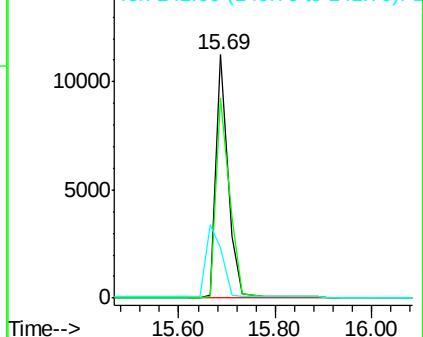
330 100

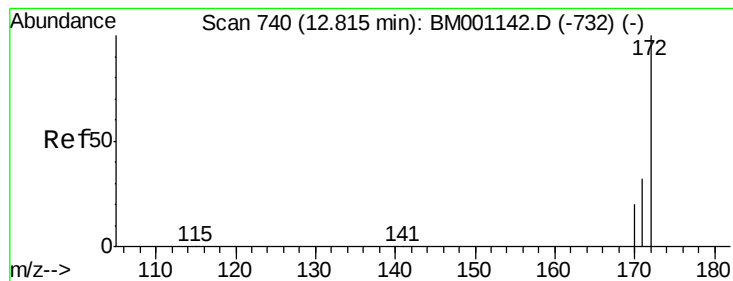
332 92.5 74.5 111.7

141 0.0 21.0 31.4#



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: 7.03 ng

RT: 12.80 min Scan# 739

Delta R.T. -0.00 min

Lab File: BM001195.D

Acq: 04 May 2015 22:01

Instrument :

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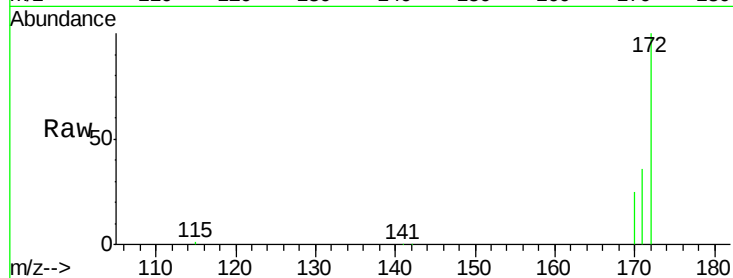
Tgt Ion:172 Resp: 78636

Ion Ratio Lower Upper

172 100

171 36.5 25.8 38.6

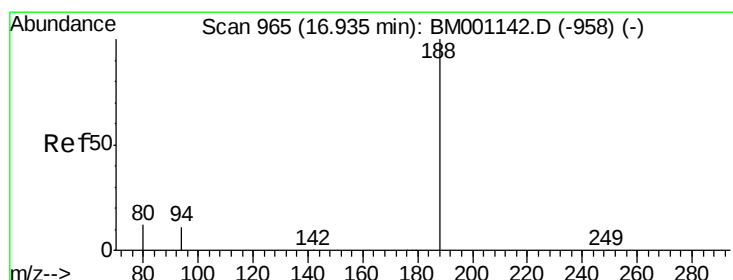
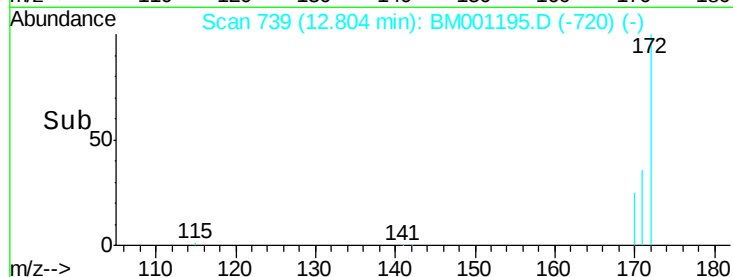
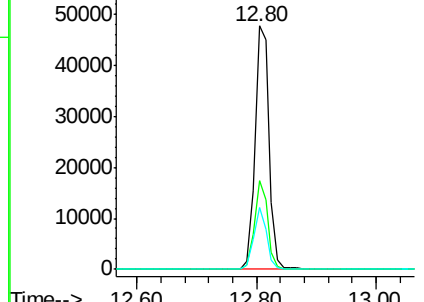
170 25.5 16.1 24.1#



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: 16.94 min Scan# 965

Delta R.T. -0.00 min

Lab File: BM001195.D

Acq: 04 May 2015 22:01

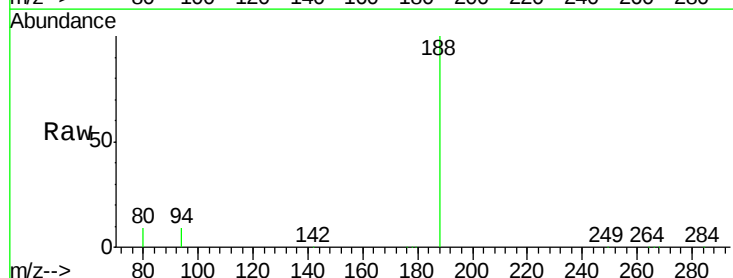
Tgt Ion:188 Resp: 88981

Ion Ratio Lower Upper

188 100

94 8.6 9.3 13.9#

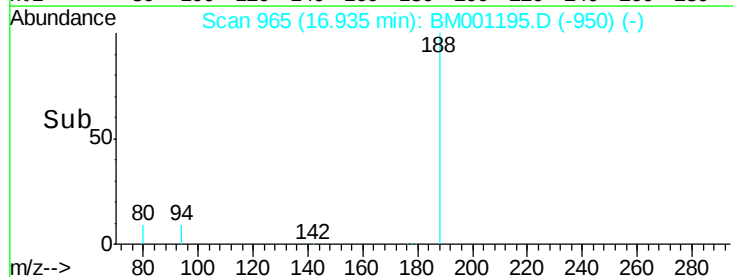
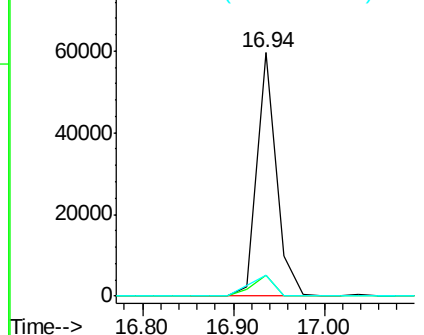
80 8.8 9.8 14.6#

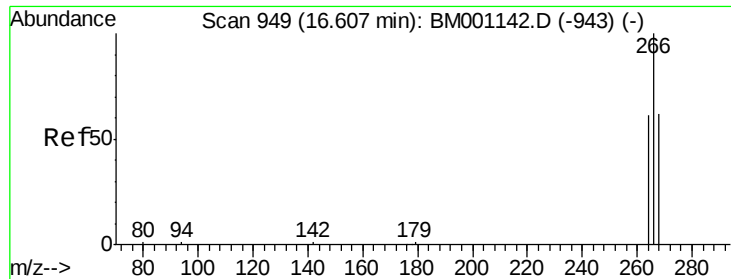


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

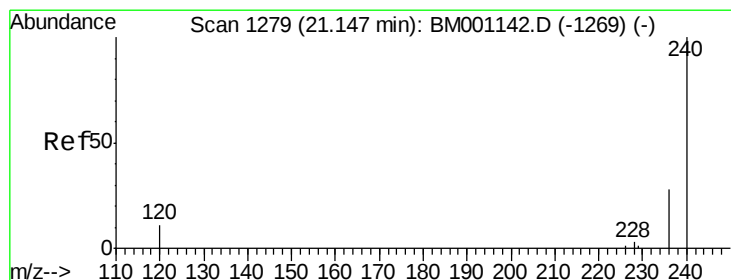
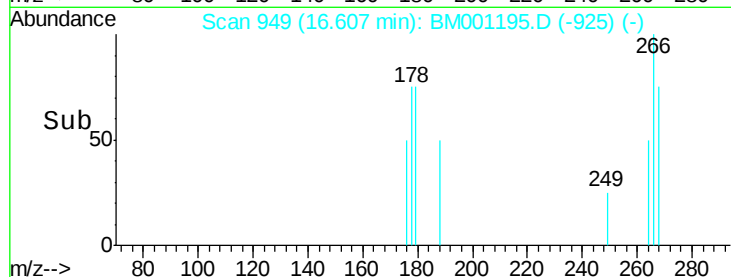
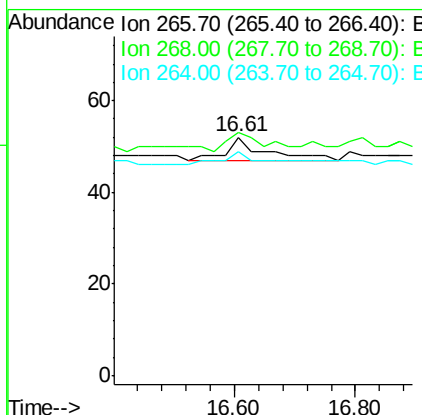
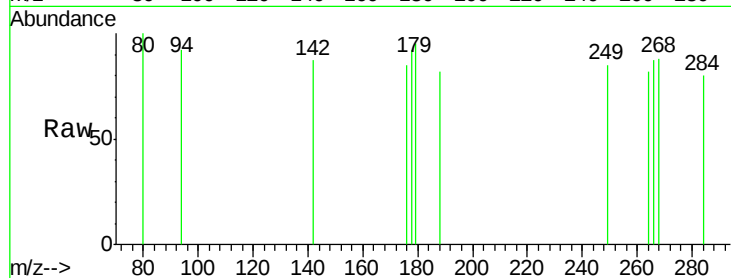




#20
 Pentachlorophenol
 Concen: 0.38 ng
 RT: 16.61 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BM001195.D
 Acq: 04 May 2015 22:01

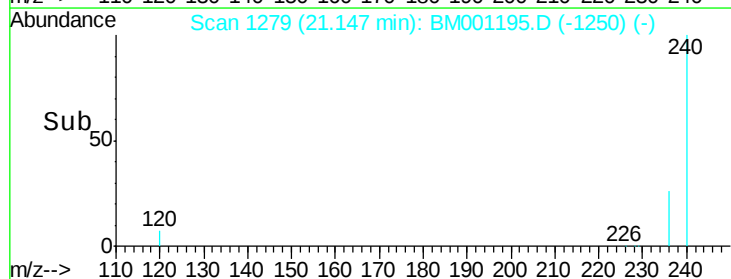
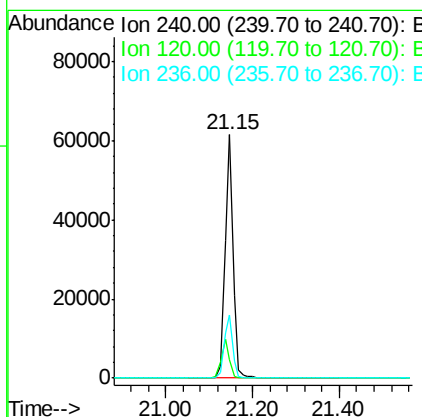
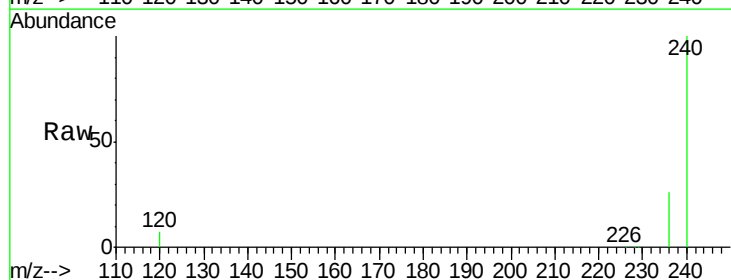
Instrument :
 BNA_M
 ClientSampleId :
 MW-103

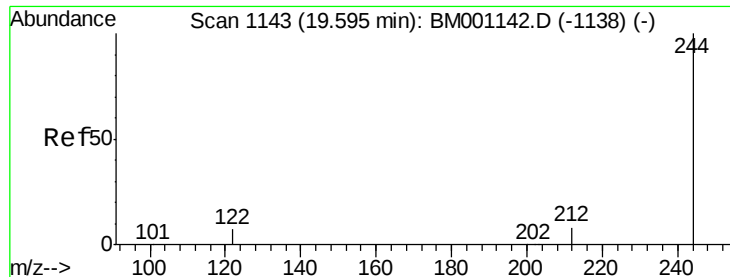
Tgt Ion: 266 Resp: 22
 Ion Ratio Lower Upper
 266 100
 268 101.9 52.6 79.0#
 264 94.2 51.0 76.4#



#24
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.15 min Scan# 1279
 Delta R.T. -0.00 min
 Lab File: BM001195.D
 Acq: 04 May 2015 22:01

Tgt Ion: 240 Resp: 77837
 Ion Ratio Lower Upper
 240 100
 120 7.4 9.2 13.8#
 236 26.0 22.4 33.6





#26

Terphenyl-d14

Concen: 8.03 ng

RT: 19.58 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BM001195.D

Acq: 04 May 2015 22:01

Instrument :

BNA_M

ClientSampleId :

MW-103

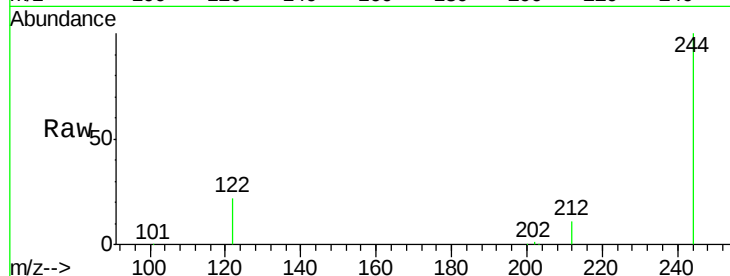
Tgt Ion:244 Resp: 86176

Ion Ratio Lower Upper

244 100

212 10.8 7.1 10.7#

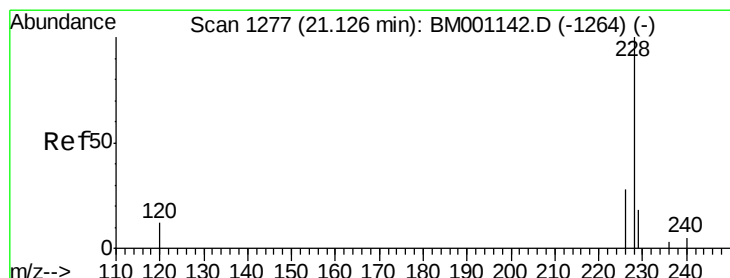
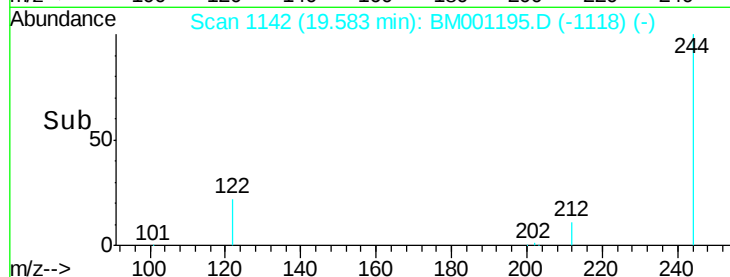
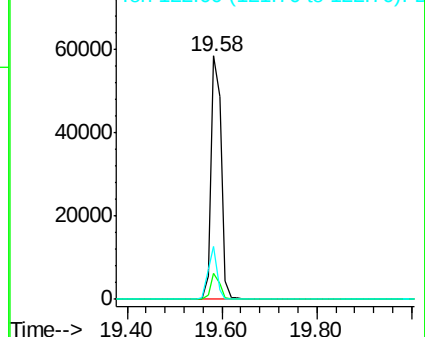
122 21.7 6.2 9.4#



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



#27

Benzo(a)anthracene

Concen: 0.03 ng

RT: 21.13 min Scan# 1277

Delta R.T. -0.00 min

Lab File: BM001195.D

Acq: 04 May 2015 22:01

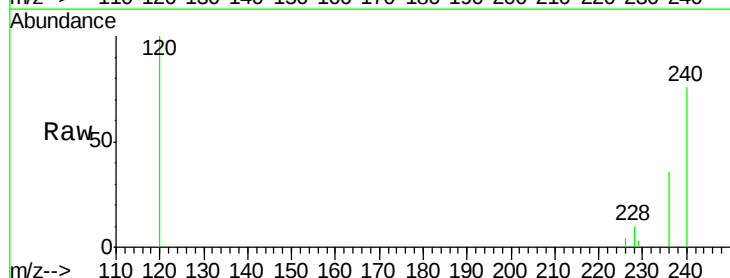
Tgt Ion:228 Resp: 640

Ion Ratio Lower Upper

228 100

226 35.1 22.8 34.2#

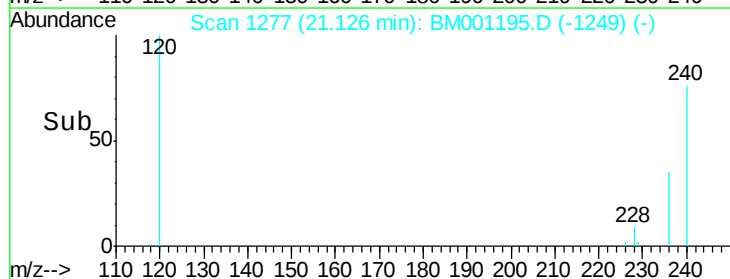
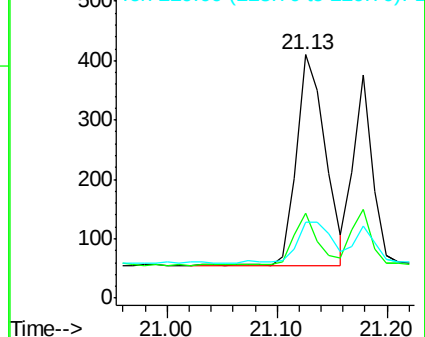
229 31.2 14.4 21.6#

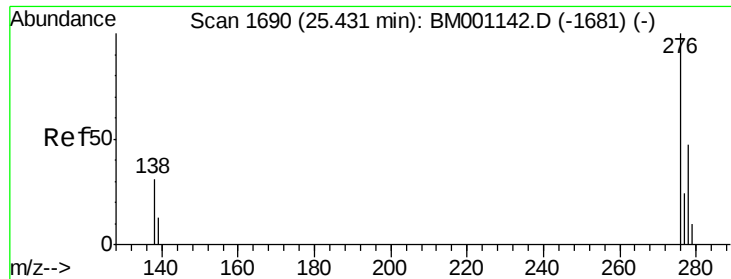


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Indeno(1,2,3-cd)pyrene

Concen: 0.02 ng

RT: 25.43 min Scan# 1690

Delta R.T. -0.00 min

Lab File: BM001195.D

Acq: 04 May 2015 22:01

Instrument :

BNA_M

ClientSampleId :

MW-103

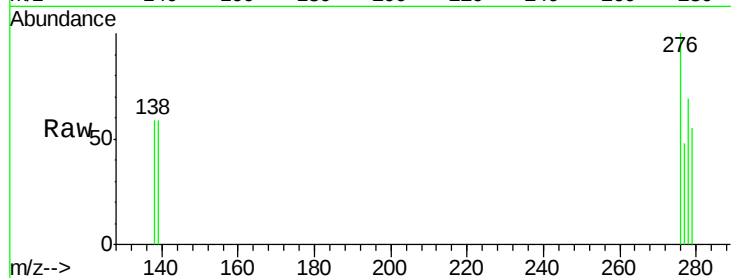
Tgt Ion:276 Resp: 423

Ion Ratio Lower Upper

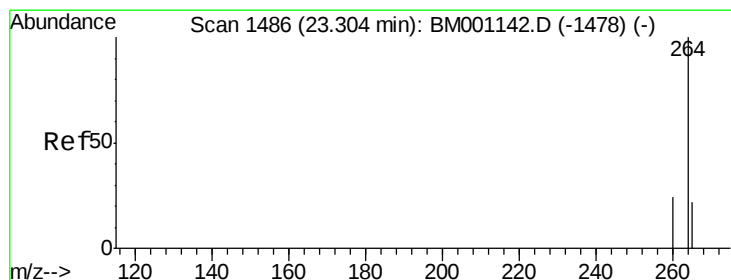
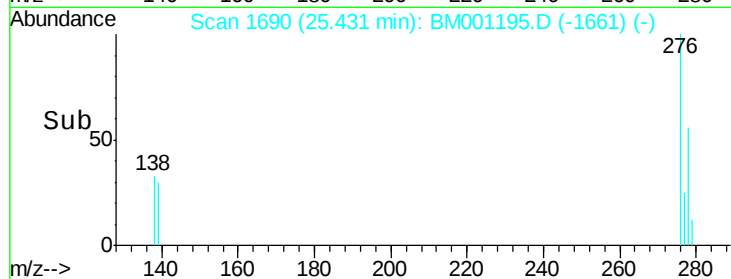
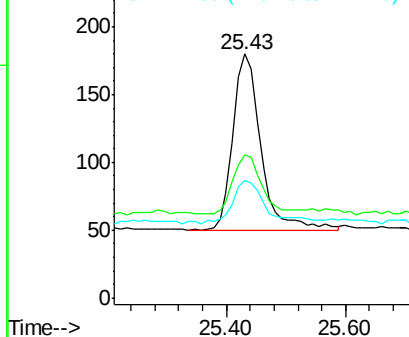
276 100

138 33.8 24.2 36.4

277 27.9 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#30

Perylene-d12

Concen: 5.00 ng

RT: 23.29 min Scan# 1485

Delta R.T. -0.00 min

Lab File: BM001195.D

Acq: 04 May 2015 22:01

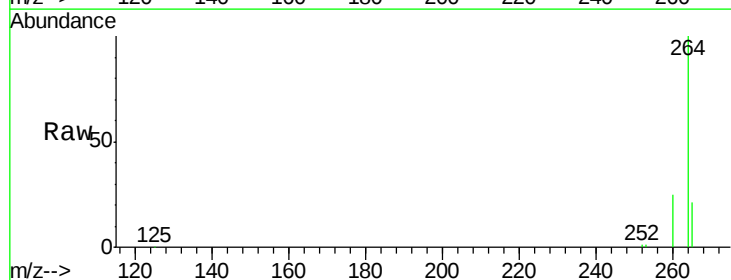
Tgt Ion:264 Resp: 67392

Ion Ratio Lower Upper

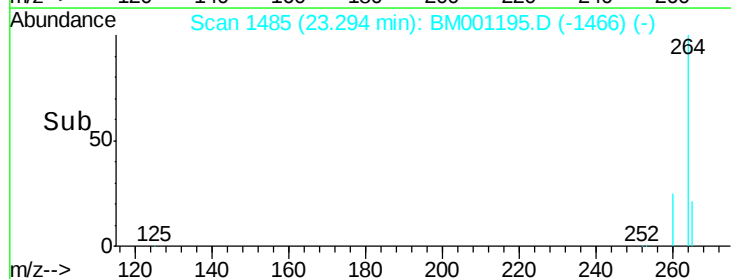
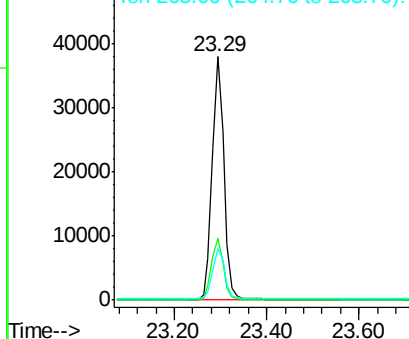
264 100

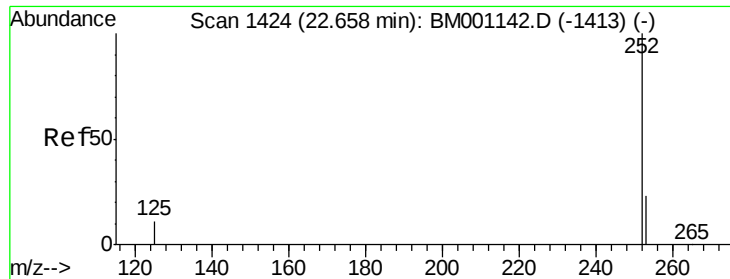
260 25.3 18.9 28.3

265 21.3 18.1 27.1



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





#31

Benzo(b)fluoranthene

Concen: 0.02 ng

RT: 22.65 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BM001195.D

Acq: 04 May 2015 22:01

Instrument :

BNA_M

ClientSampleId :

MW-103

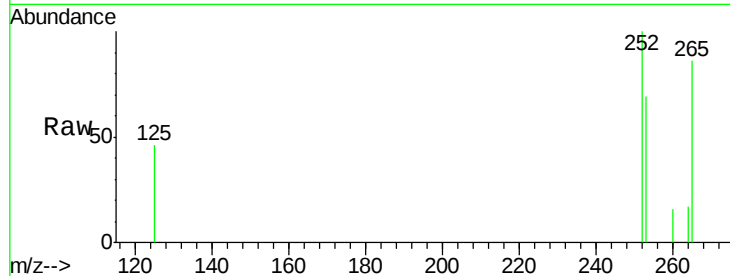
Tgt Ion:252 Resp: 427

Ion Ratio Lower Upper

252 100

253 68.9 19.0 28.4#

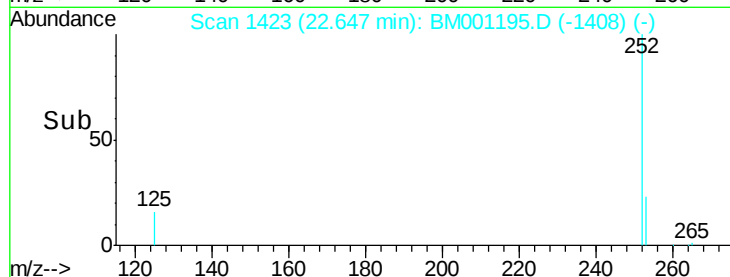
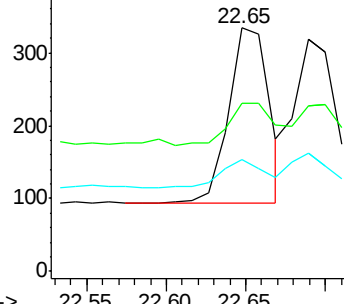
125 46.1 9.1 13.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#32

Benzo(k)fluoranthene

Concen: 0.02 ng

RT: 22.69 min Scan# 1427

Delta R.T. -0.00 min

Lab File: BM001195.D

Acq: 04 May 2015 22:01

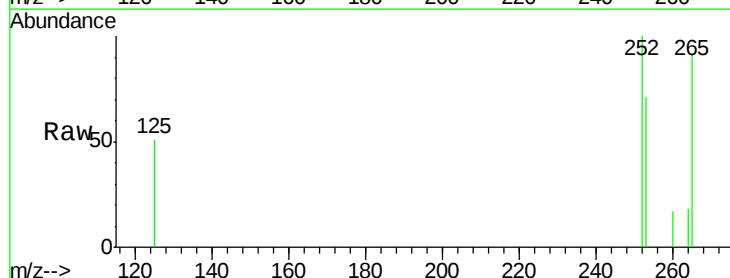
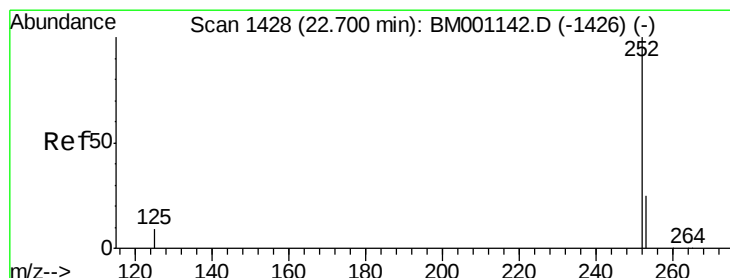
Tgt Ion:252 Resp: 422

Ion Ratio Lower Upper

252 100

253 71.5 19.1 28.7#

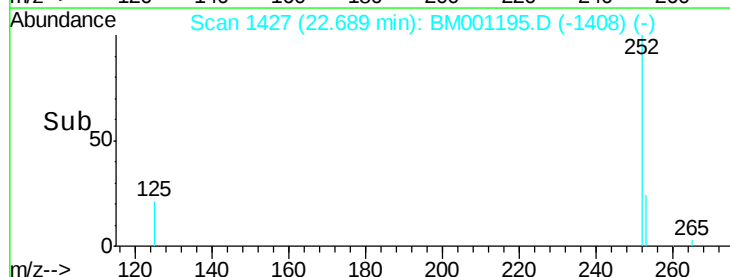
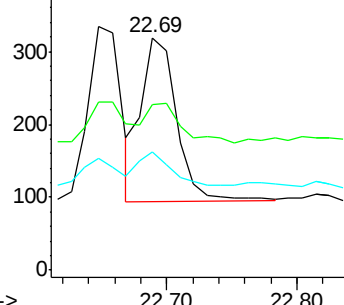
125 50.8 9.3 13.9#

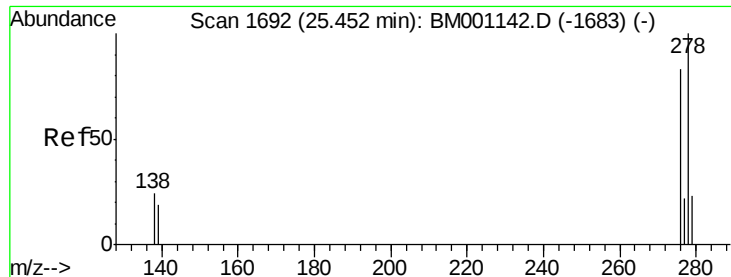


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

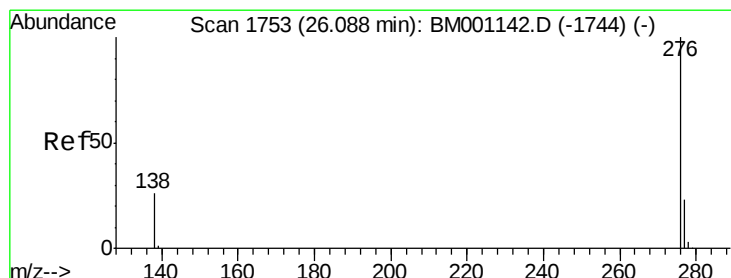
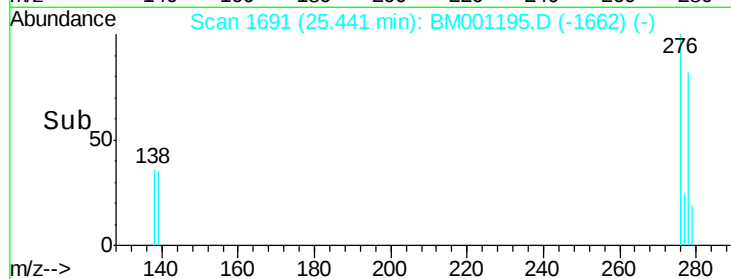
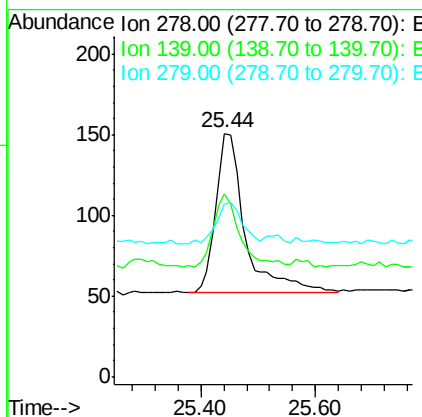
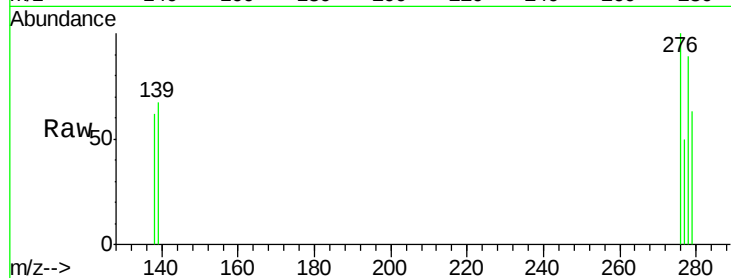




#34
Dibenzo(a,h)anthracene
Concen: 0.02 ng
RT: 25.44 min Scan# 1691
Delta R.T. -0.00 min
Lab File: BM001195.D
Acq: 04 May 2015 22:01

Instrument :
BNA_M
ClientSampleId :
MW-103

Tgt Ion: 278 Resp: 355
Ion Ratio Lower Upper
278 100
139 74.8 15.5 23.3#
279 70.9 19.7 29.5#



#35
Benzo(g,h,i)perylene
Concen: 0.02 ng
RT: 26.09 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BM001195.D
Acq: 04 May 2015 22:01

Tgt Ion: 276 Resp: 353
Ion Ratio Lower Upper
276 100
277 50.9 19.0 28.4#
138 55.3 21.3 31.9#

