

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050415\
 Data File : BM001202.D
 Acq On : 05 May 2015 02:12
 Operator : TP/IZ
 Sample : G2104-09MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-102MSD

Quant Time: May 05 04:58:48 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM050115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 04 16:48:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	17206	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	71960	5.00	ng	0.00
12) Acenaphthene-d10	14.18	164	40107	5.00	ng	-0.02
18) Phenanthrene-d10	16.94	188	102607	5.00	ng	0.00
24) Chrysene-d12	21.15	240	83606	5.00	ng	0.00
30) Perylene-d12	23.29	264	66119	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.11	112	15133	4.52	ng	-0.01
5) Phenol-d6	6.72	99	13285	3.22	ng	0.02
7) Nitrobenzene-d5	8.68	82	35103	8.61	ng	-0.01
13) 2,4,6-Tribromophenol	15.69	330	30268	15.30	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	104381	7.87	ng	-0.01
26) Terphenyl-d14	19.58	244	106295	9.22	ng	-0.01

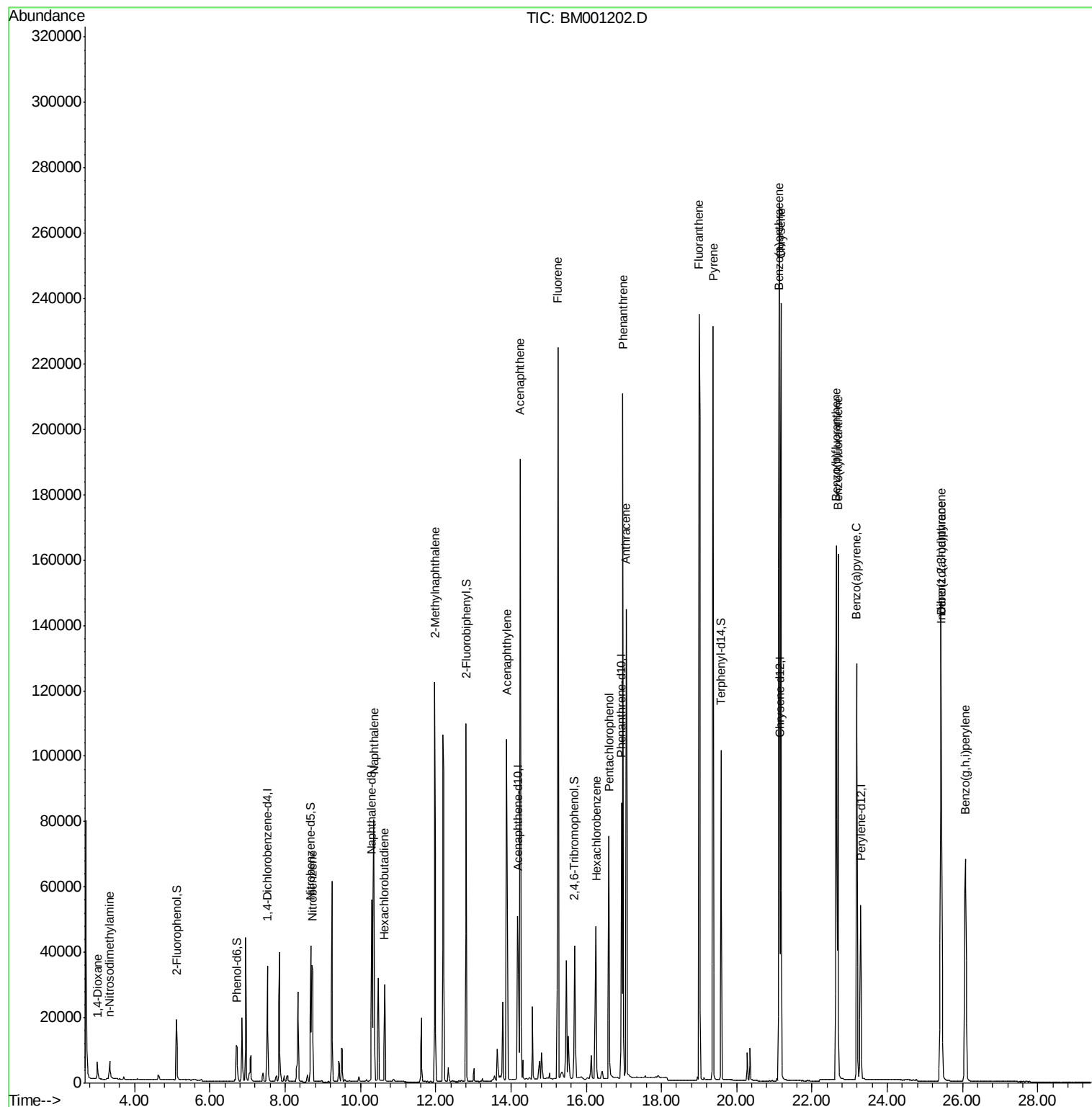
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.01	88	3908	2.45	ng	# 67
3) n-Nitrosodimethylamine	3.34	42	5657	2.69	ng	# 95
8) Nitrobenzene	8.72	77	39727	7.40	ng	92
9) Naphthalene	10.36	128	116037	7.34	ng	99
10) Hexachlorobutadiene	10.65	225	20510	6.72	ng	100
11) 2-Methylnaphthalene	11.98	142	84507	7.79	ng	93
15) Acenaphthylene	13.89	152	159033	9.07	ng	# 100
16) Acenaphthene	14.24	154	107932	8.91	ng	92
17) Fluorene	15.24	166	140990	10.04	ng	97
19) Hexachlorobenzene	16.26	284	46412	8.39	ng	# 94
20) Pentachlorophenol	16.61	266	53691	21.75	ng	94
21) Phenanthrene	16.98	178	219747	8.32	ng	99
22) Anthracene	17.06	178	204830	9.38	ng	99
23) Fluoranthene	19.00	202	244753	9.15	ng	99
25) Pyrene	19.38	202	254362	9.74	ng	99
27) Benzo(a)anthracene	21.13	228	218610	9.27	ng	93
28) Chrysene	21.18	228	208837	9.03	ng	93
29) Indeno(1,2,3-cd)pyrene	25.42	276	158966	7.53	ng	99
31) Benzo(b)fluoranthene	22.65	252	197671	9.71	ng	98
32) Benzo(k)fluoranthene	22.69	252	176213	9.24	ng	97
33) Benzo(a)pyrene	23.19	252	169585	9.87	ng	97
34) Dibenzo(a,h)anthracene	25.44	278	128398	8.52	ng	98
35) Benzo(g,h,i)perylene	26.08	276	128167	8.06	ng	100

(#) = 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: BM001202.D

Acq: 05 May 2015 02:12

Instrument :

BNA_M

ClientSampleId :

MW-102MSD

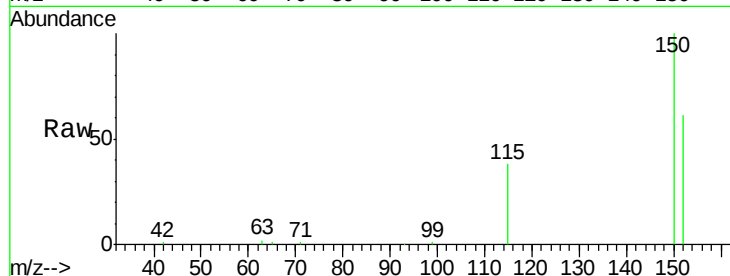
Tgt Ion:152 Resp: 17206

Ion Ratio Lower Upper

152 100

150 163.2 140.1 210.1

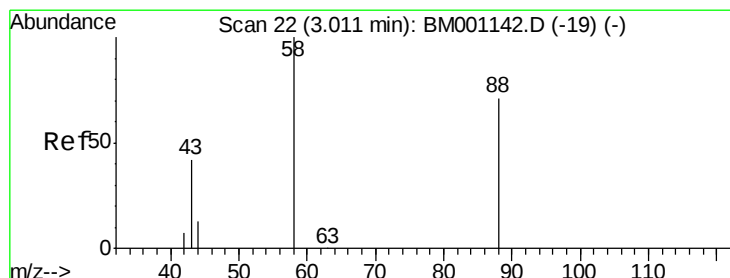
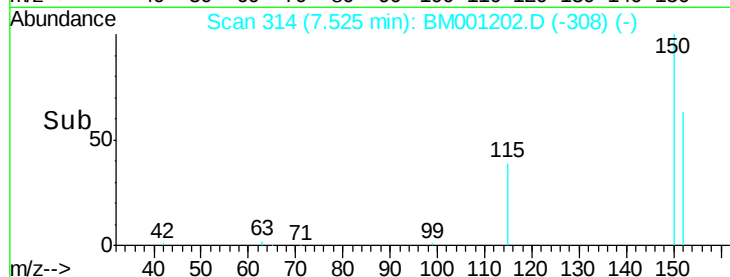
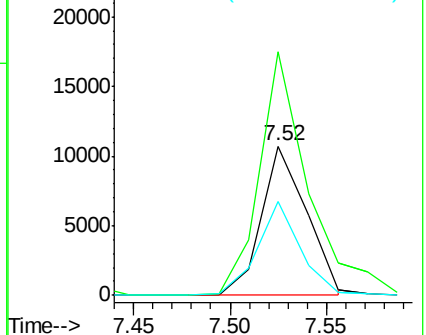
115 62.7 57.8 86.6



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: 2.45 ng

RT: 3.01 min Scan# 22

Delta R.T. 0.00 min

Lab File: BM001202.D

Acq: 05 May 2015 02:12

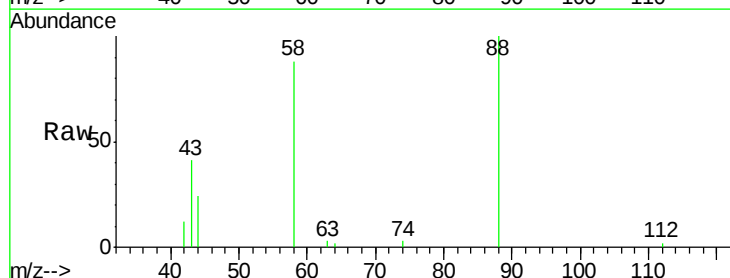
Tgt Ion: 88 Resp: 3908

Ion Ratio Lower Upper

88 100

58 76.1 48.2 72.2#

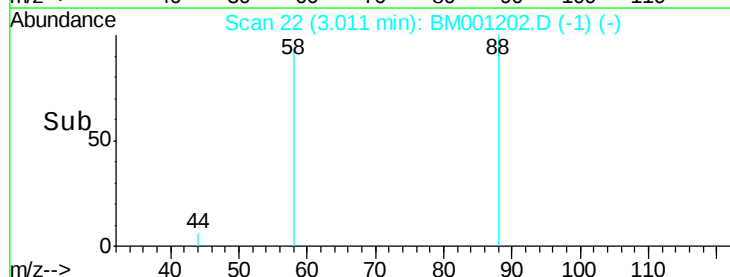
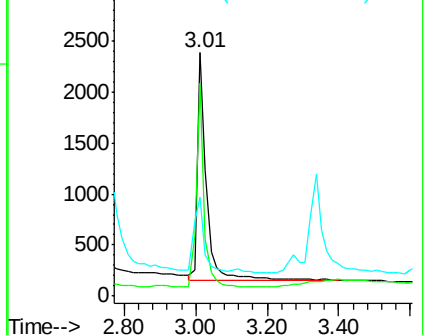
43 0.0 24.8 37.2#



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: 2.69 ng

RT: 3.34 min Scan# 43

Delta R.T. -0.00 min

Lab File: BM001202.D

Acq: 05 May 2015 02:12

Instrument :

BNA_M

ClientSampleId :

MW-102MSD

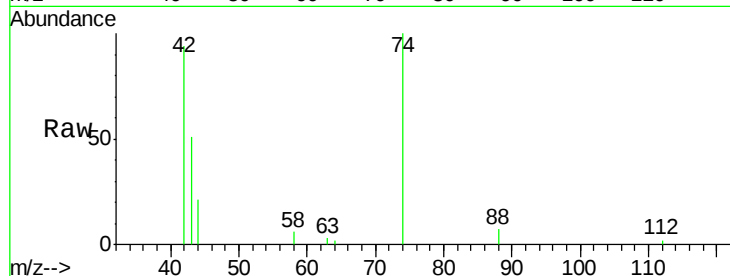
Tgt Ion: 42 Resp: 5657

Ion Ratio Lower Upper

42 100

74 94.9 72.0 108.0

44 5.6 3.7 5.5#



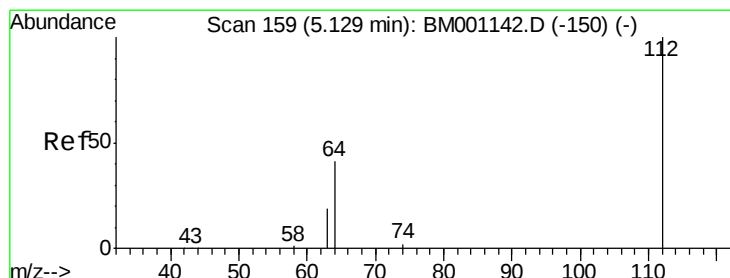
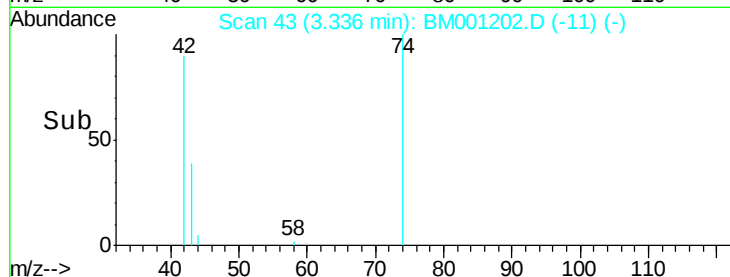
Abundance Ion 42.00 (41.70 to 42.70): BM001142.D (-41) (-)

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

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

3.34

Time-->



#4

2-Fluorophenol

Concen: 4.52 ng

RT: 5.11 min Scan# 158

Delta R.T. -0.01 min

Lab File: BM001202.D

Acq: 05 May 2015 02:12

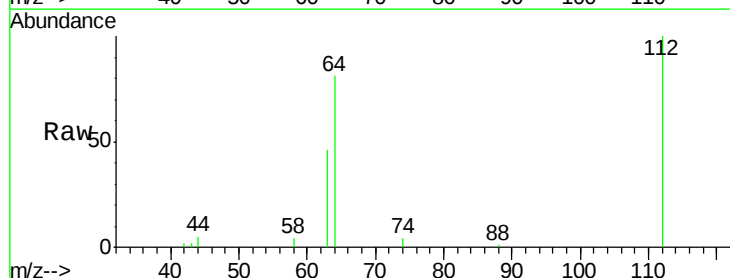
Tgt Ion: 112 Resp: 15133

Ion Ratio Lower Upper

112 100

64 64.4 52.6 79.0

63 35.5 29.5 44.3



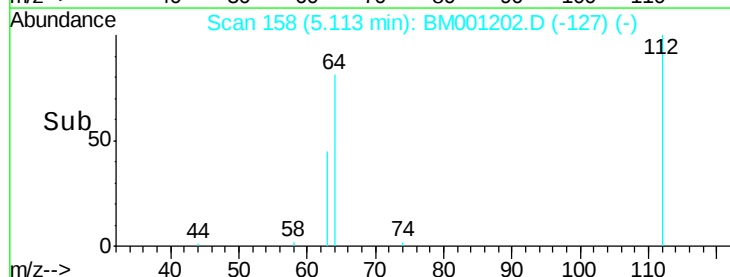
Abundance Ion 112.00 (111.70 to 112.70): BM001142.D (-150) (-)

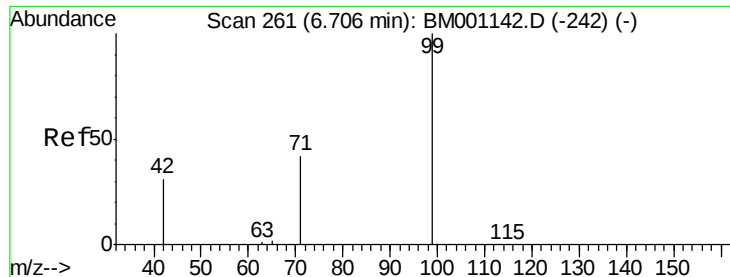
Ion 64.00 (63.70 to 64.70): BM001142.D (-150) (-)

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

5.11

Time-->





#5

Phenol-d6

Concen: 3.22 ng

RT: 6.72 min Scan# 262

Delta R.T. 0.02 min

Lab File: BM001202.D

Acq: 05 May 2015 02:12

Instrument :

BNA_M

ClientSampleId :

MW-102MSD

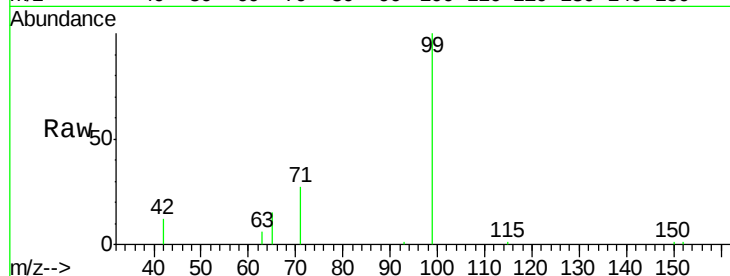
Tgt Ion: 99 Resp: 13285

Ion Ratio Lower Upper

99 100

42 25.1 20.9 31.3

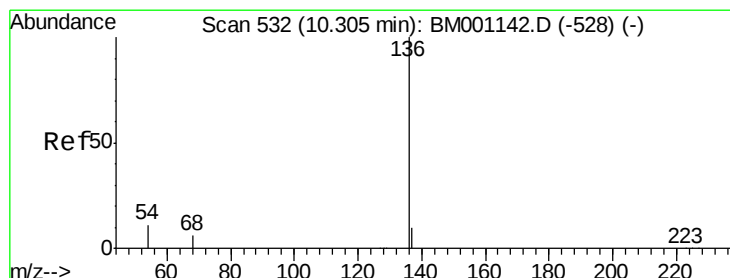
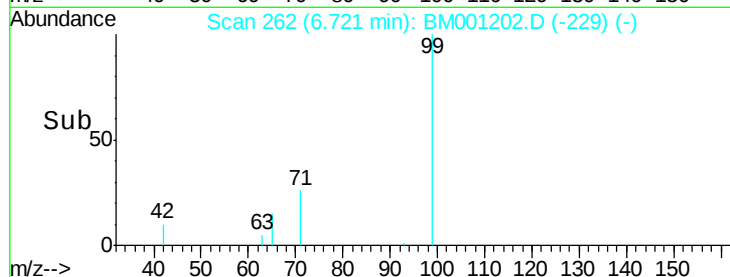
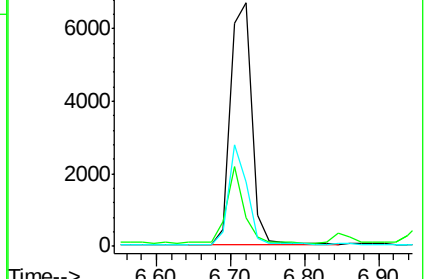
71 35.9 28.5 42.7



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: BM001202.D

Acq: 05 May 2015 02:12

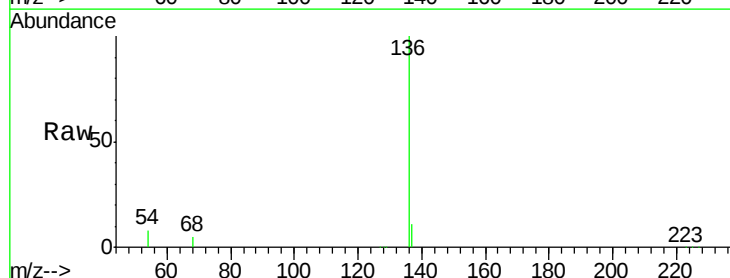
Tgt Ion: 136 Resp: 71960

Ion Ratio Lower Upper

136 100

137 10.7 8.2 12.4

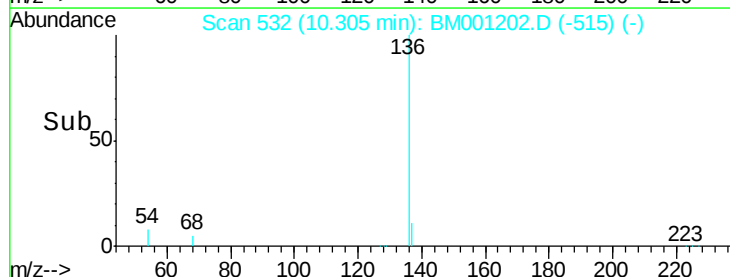
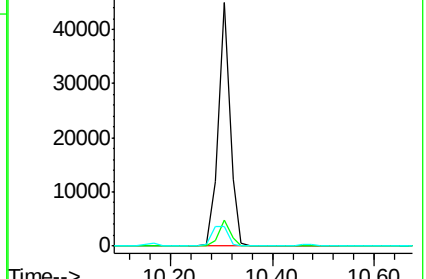
54 8.2 9.0 13.4#

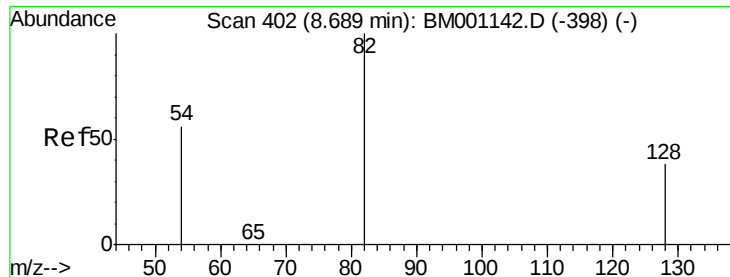


Abundance Ion 136.00 (135.70 to 136.70): BM001142.D (-528) (-)

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: 8.61 ng

RT: 8.68 min Scan# 401

Delta R.T. -0.01 min

Lab File: BM001202.D

Acq: 05 May 2015 02:12

Instrument :

BNA_M

ClientSampleId :

MW-102MSD

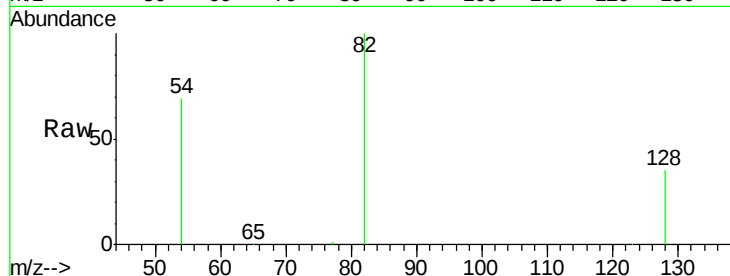
Tgt Ion: 82 Resp: 35103

Ion Ratio Lower Upper

82 100

128 34.7 31.9 47.9

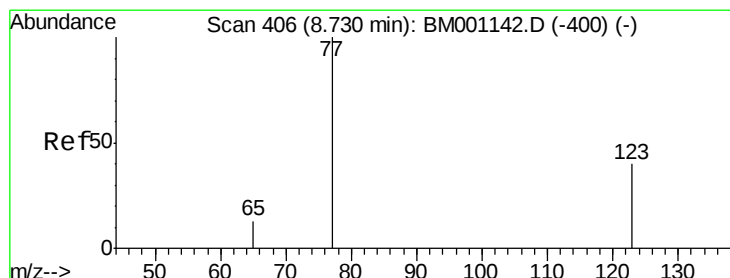
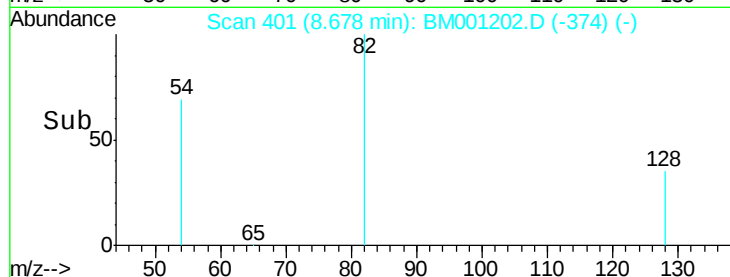
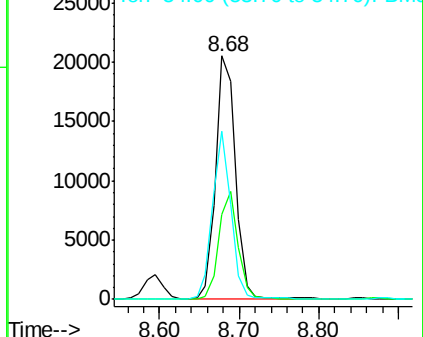
54 68.8 46.2 69.2



Abundance Ion 82.00 (81.70 to 82.70): BM001142.D (-398) (-)

Ion 128.00 (127.70 to 128.70): BM001142.D (-398) (-)

Ion 54.00 (53.70 to 54.70): BM001142.D (-398) (-)



#8

Nitrobenzene

Concen: 7.40 ng

RT: 8.72 min Scan# 405

Delta R.T. -0.01 min

Lab File: BM001202.D

Acq: 05 May 2015 02:12

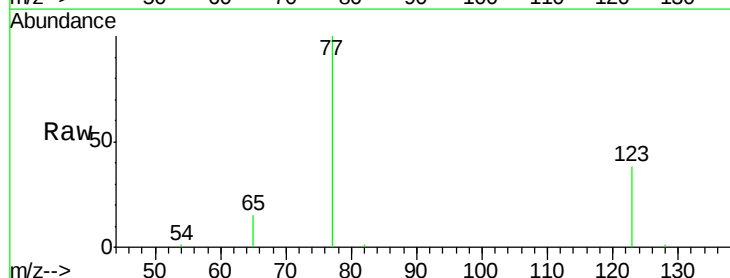
Tgt Ion: 77 Resp: 39727

Ion Ratio Lower Upper

77 100

123 44.5 31.0 46.6

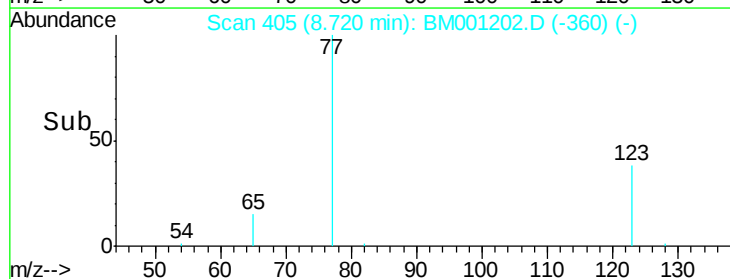
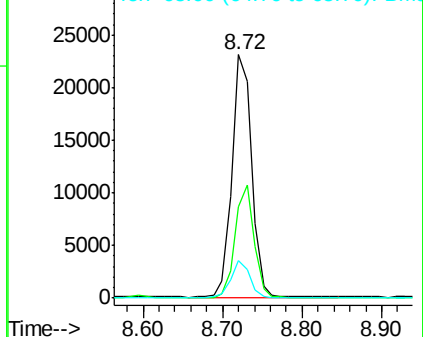
65 14.5 10.6 15.8

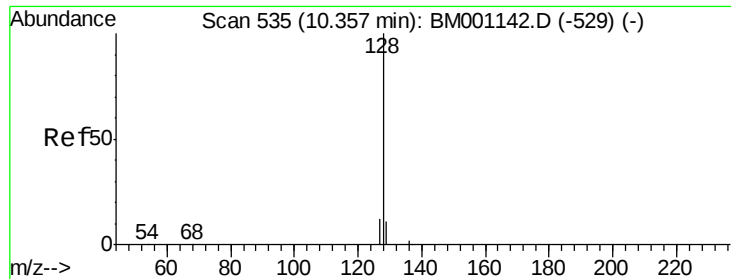


Abundance Ion 77.00 (76.70 to 77.70): BM001142.D (-400) (-)

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

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





#9

Naphthalene

Concen: 7.34 ng

RT: 10.36 min Scan# 535

Delta R.T. -0.00 min

Lab File: BM001202.D

Acq: 05 May 2015 02:12

Instrument :

BNA_M

ClientSampleId :

MW-102MSD

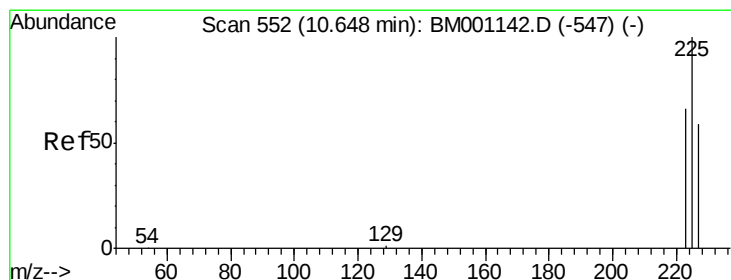
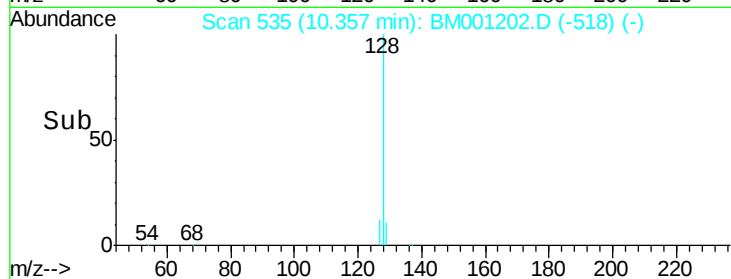
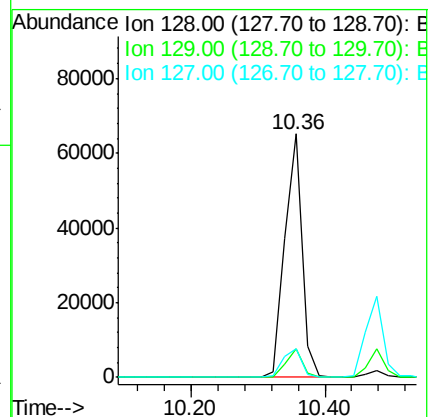
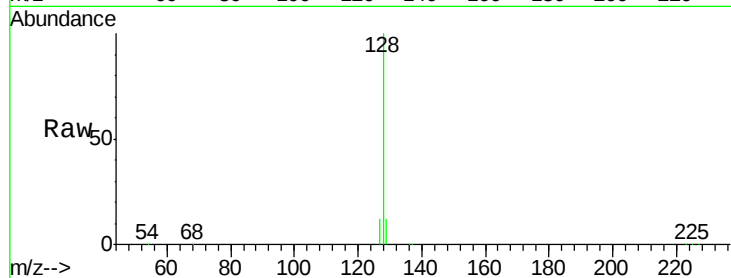
Tgt Ion:128 Resp: 116037

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.6

127 11.7 10.0 15.0



#10

Hexachlorobutadiene

Concen: 6.72 ng

RT: 10.65 min Scan# 552

Delta R.T. 0.00 min

Lab File: BM001202.D

Acq: 05 May 2015 02:12

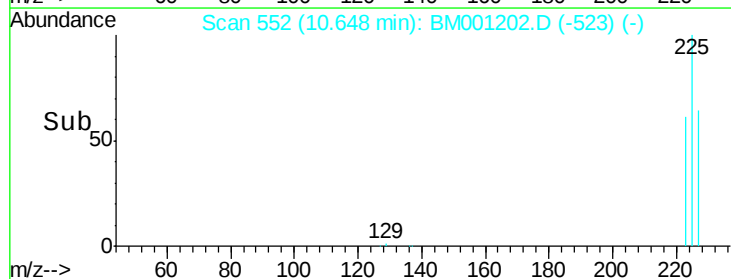
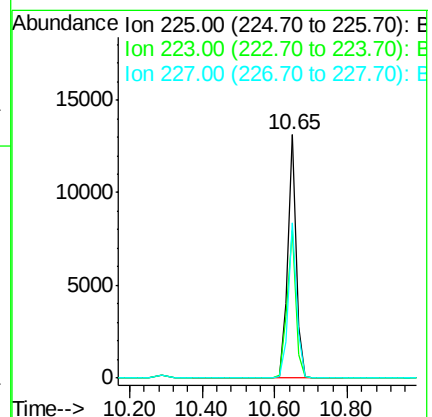
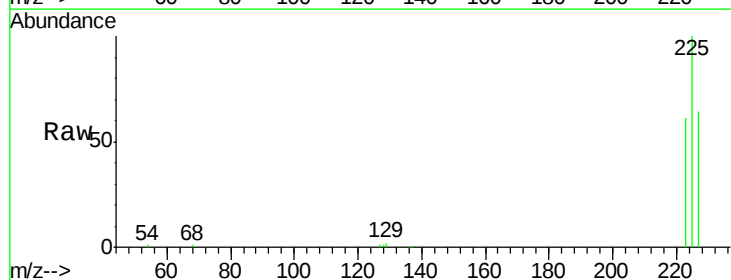
Tgt Ion:225 Resp: 20510

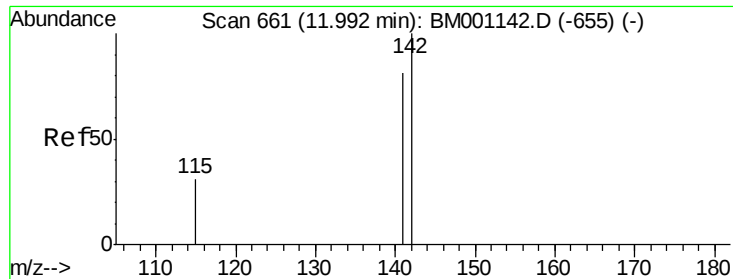
Ion Ratio Lower Upper

225 100

223 63.1 50.8 76.2

227 63.7 51.0 76.4

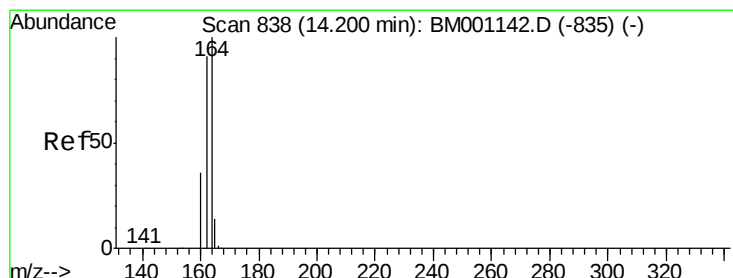
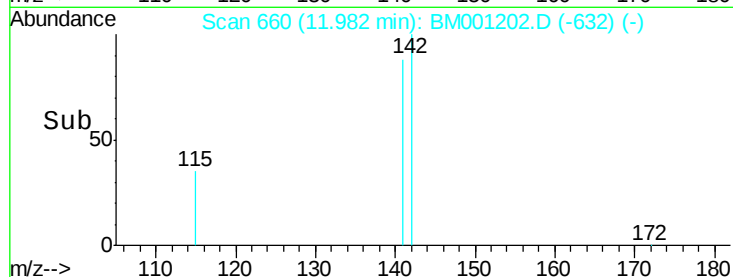
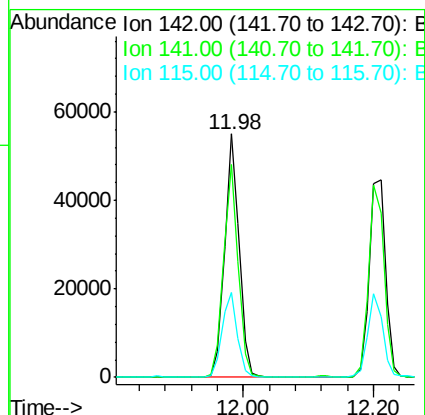
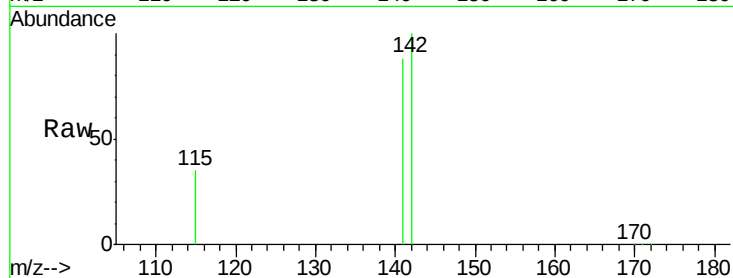




#11
2-Methylnaphthalene
Concen: 7.79 ng
RT: 11.98 min Scan# 660
Delta R.T. -0.01 min
Lab File: BM001202.D
Acq: 05 May 2015 02:12

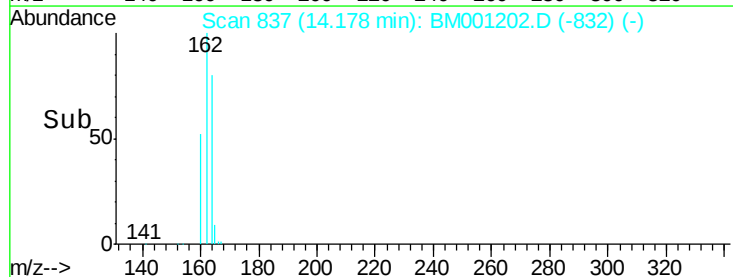
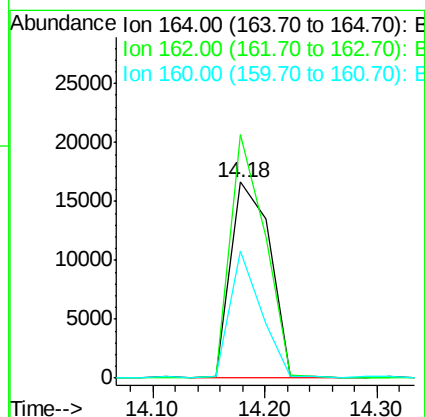
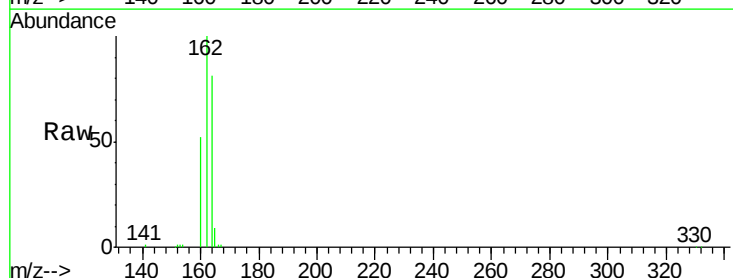
Instrument :
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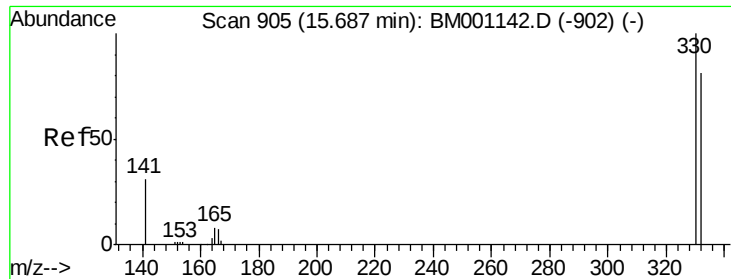
Tgt Ion:142 Resp: 84507
Ion Ratio Lower Upper
142 100
141 87.5 65.1 97.7
115 35.0 25.1 37.7



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.18 min Scan# 837
Delta R.T. -0.02 min
Lab File: BM001202.D
Acq: 05 May 2015 02:12

Tgt Ion:164 Resp: 40107
Ion Ratio Lower Upper
164 100
162 124.2 72.7 109.1#
160 64.7 28.7 43.1#

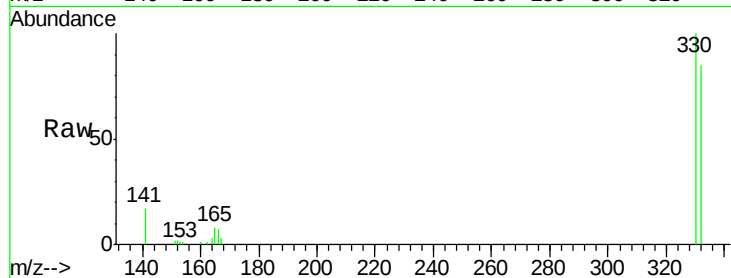




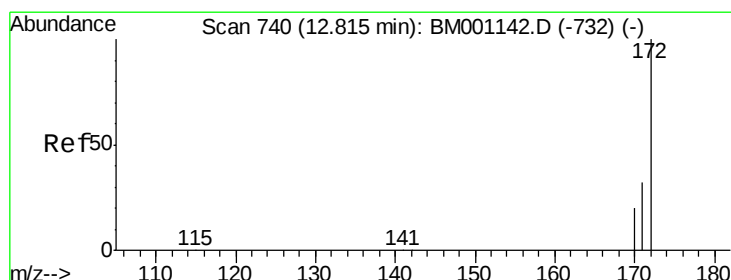
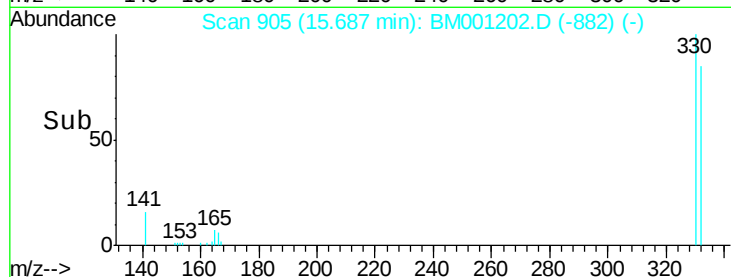
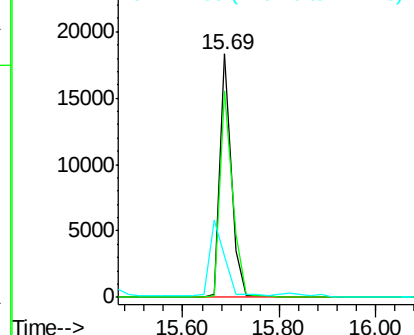
#13
 2,4,6-Tribromophenol
 Concen: 15.30 ng
 RT: 15.69 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BM001202.D
 Acq: 05 May 2015 02:12

Instrument :
 BNA_M
 ClientSampleId :
 MW-102MSD

Tgt Ion:330 Resp: 30268
 Ion Ratio Lower Upper
 330 100
 332 92.9 74.5 111.7
 141 0.0 21.0 31.4#

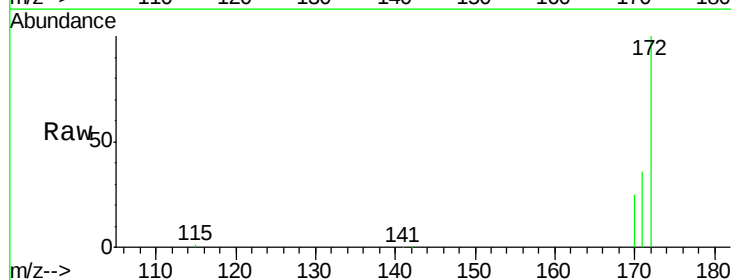


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

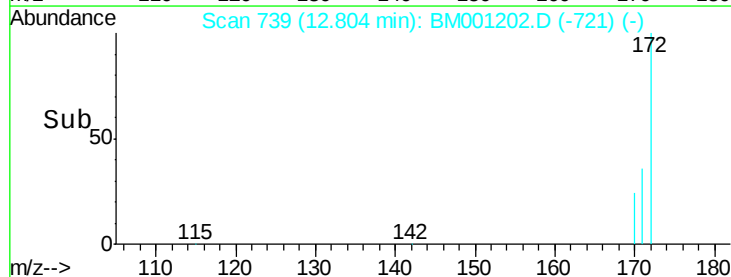
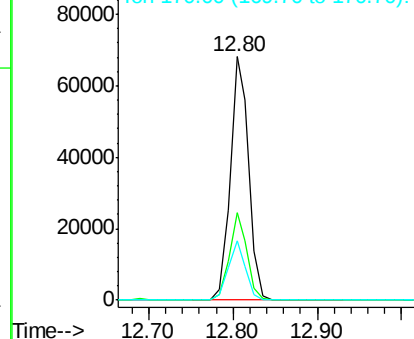


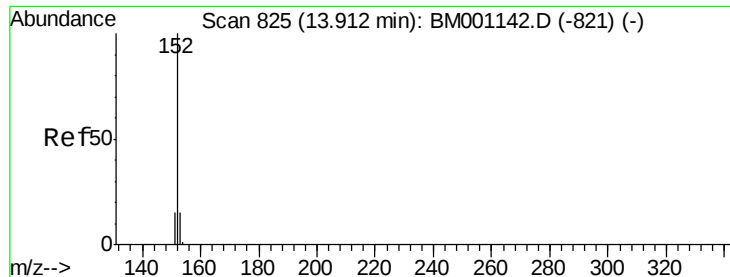
#14
 2-Fluorobiphenyl
 Concen: 7.87 ng
 RT: 12.80 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BM001202.D
 Acq: 05 May 2015 02:12

Tgt Ion:172 Resp: 104381
 Ion Ratio Lower Upper
 172 100
 171 36.0 25.8 38.6
 170 24.6 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





#15

Acenaphthylene

Concen: 9.07 ng

RT: 13.89 min Scan# 824

Delta R.T. -0.02 min

Lab File: BM001202.D

Acq: 05 May 2015 02:12

Instrument :

BNA_M

ClientSampleId :

MW-102MSD

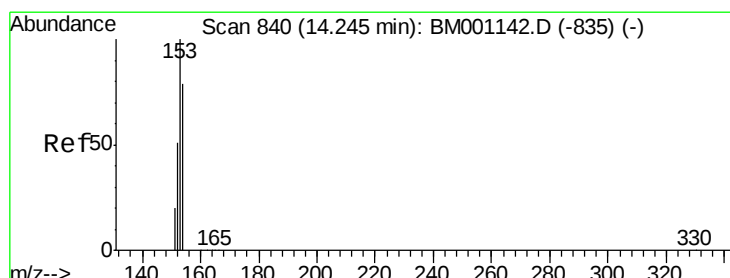
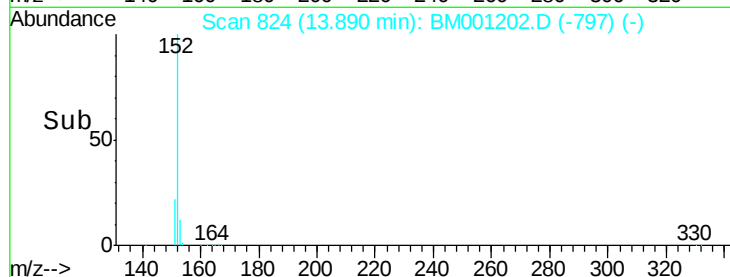
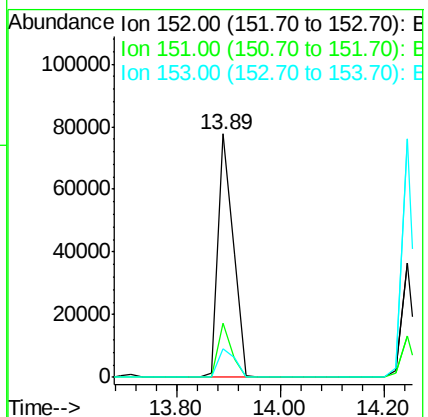
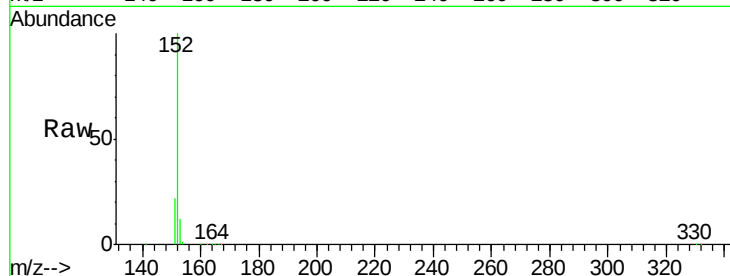
Tgt Ion:152 Resp: 159033

Ion Ratio Lower Upper

152 100

151 19.3 0.0 0.0#

153 13.0 10.3 15.5



#16

Acenaphthene

Concen: 8.91 ng

RT: 14.24 min Scan# 840

Delta R.T. -0.00 min

Lab File: BM001202.D

Acq: 05 May 2015 02:12

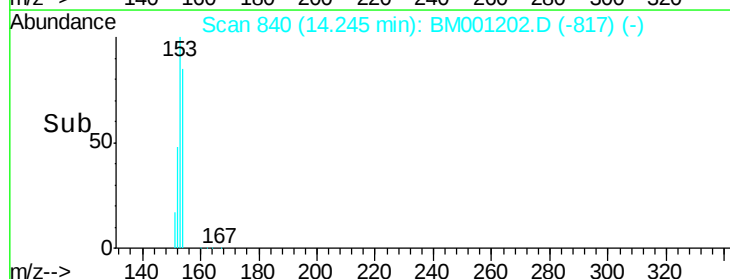
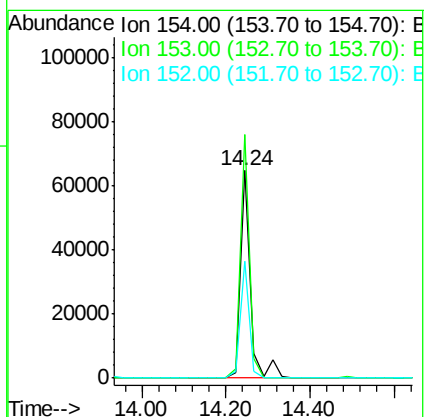
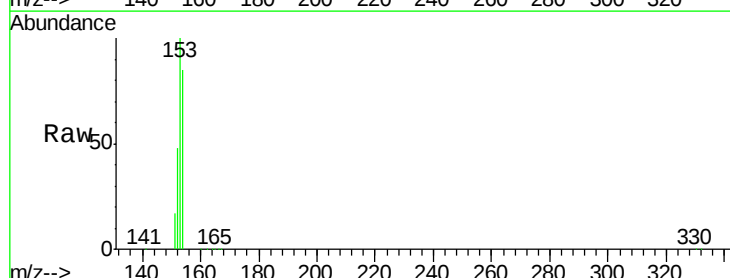
Tgt Ion:154 Resp: 107932

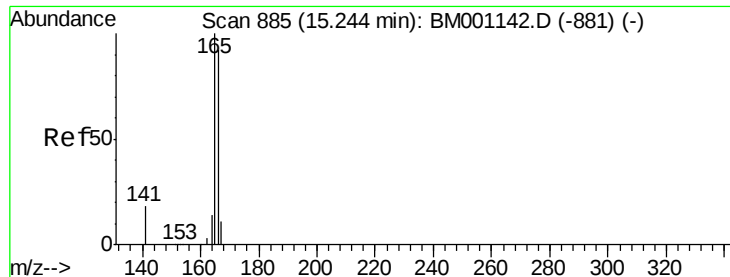
Ion Ratio Lower Upper

154 100

153 104.8 90.6 136.0

152 50.3 45.0 67.4





#17

Fluorene

Concen: 10.04 ng

RT: 15.24 min Scan# 885

Delta R.T. -0.00 min

Lab File: BM001202.D

Acq: 05 May 2015 02:12

Instrument :

BNA_M

ClientSampleId :

MW-102MSD

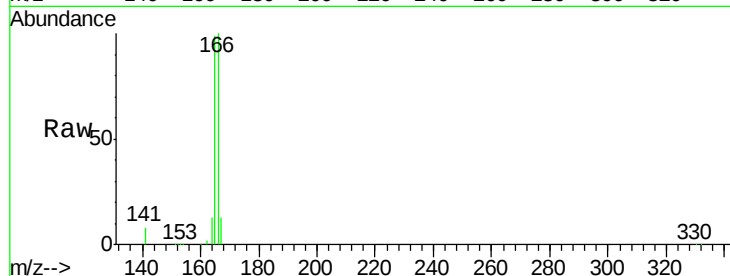
Tgt Ion:166 Resp: 140990

Ion Ratio Lower Upper

166 100

165 97.7 81.0 121.6

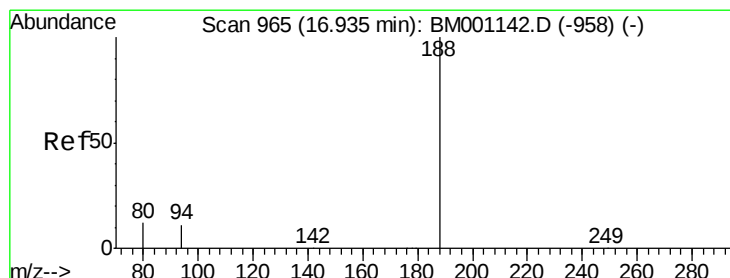
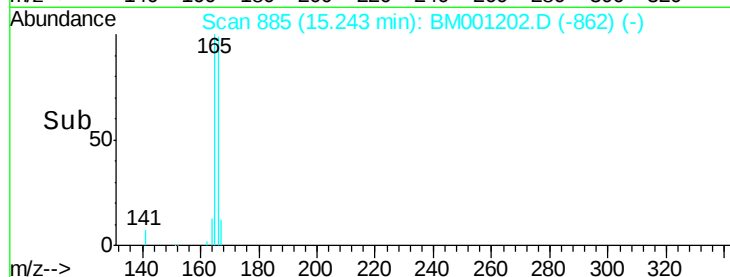
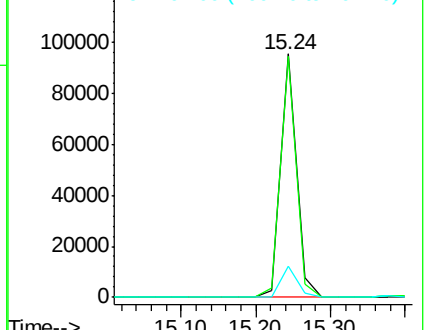
167 13.1 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.94 min Scan# 965

Delta R.T. -0.00 min

Lab File: BM001202.D

Acq: 05 May 2015 02:12

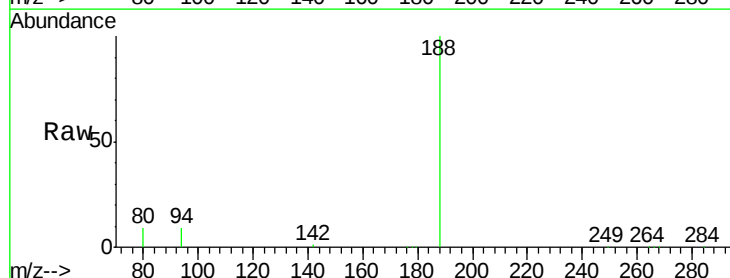
Tgt Ion:188 Resp: 102607

Ion Ratio Lower Upper

188 100

94 8.9 9.3 13.9#

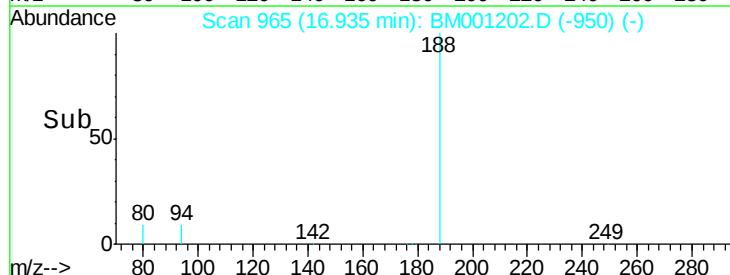
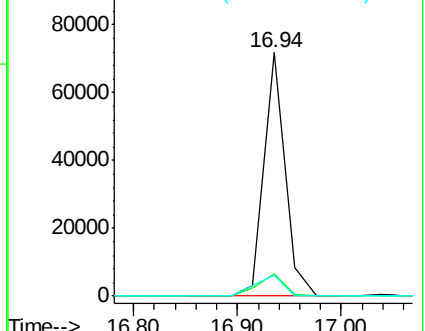
80 8.8 9.8 14.6#

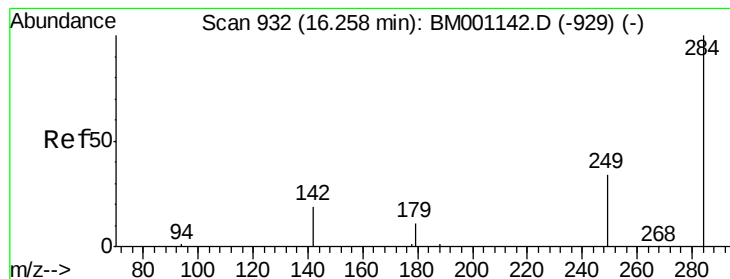


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#19

Hexachlorobenzene

Concen: 8.39 ng

RT: 16.26 min Scan# 932

Delta R.T. -0.00 min

Lab File: BM001202.D

Acq: 05 May 2015 02:12

Instrument :

BNA_M

ClientSampleId :

MW-102MSD

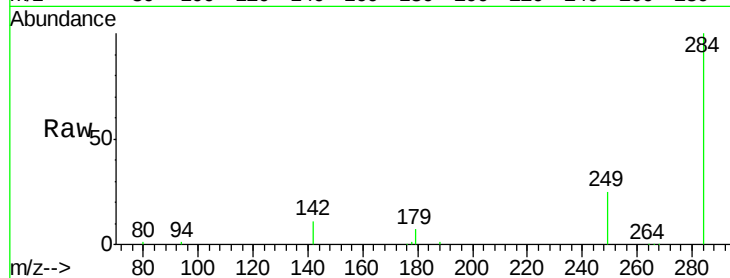
Tgt Ion:284 Resp: 46412

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

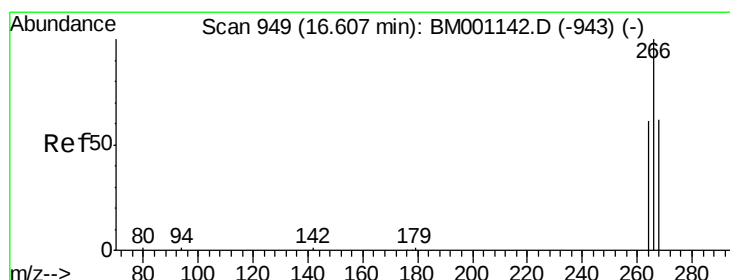
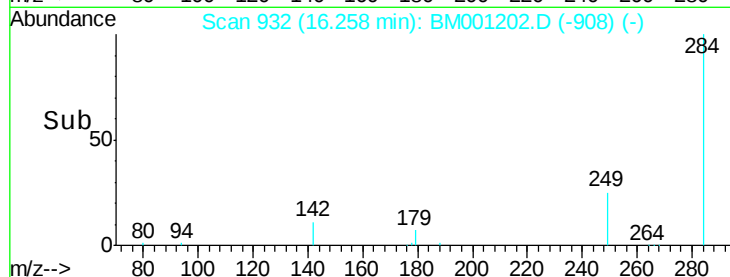
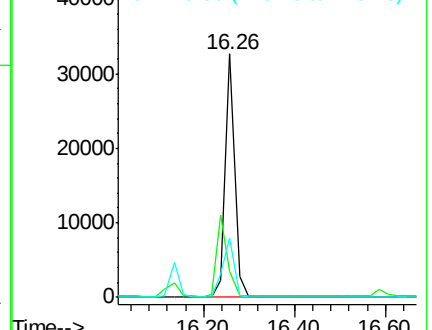
249 29.8 26.5 39.7



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#20

Pentachlorophenol

Concen: 21.75 ng

RT: 16.61 min Scan# 949

Delta R.T. 0.00 min

Lab File: BM001202.D

Acq: 05 May 2015 02:12

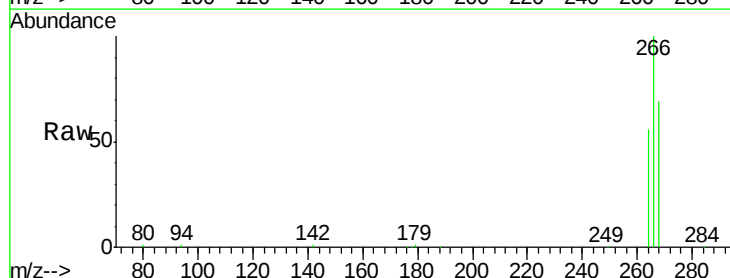
Tgt Ion:266 Resp: 53691

Ion Ratio Lower Upper

266 100

268 68.7 52.6 79.0

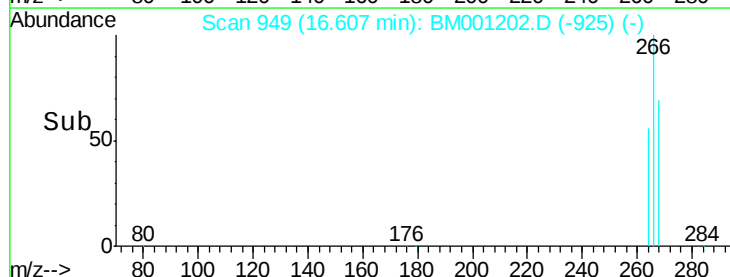
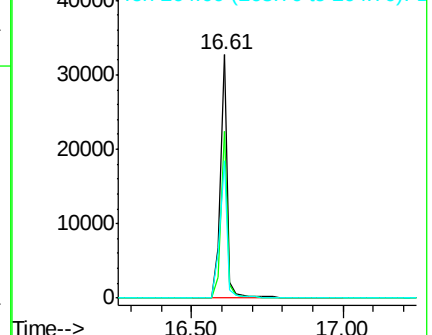
264 56.5 51.0 76.4

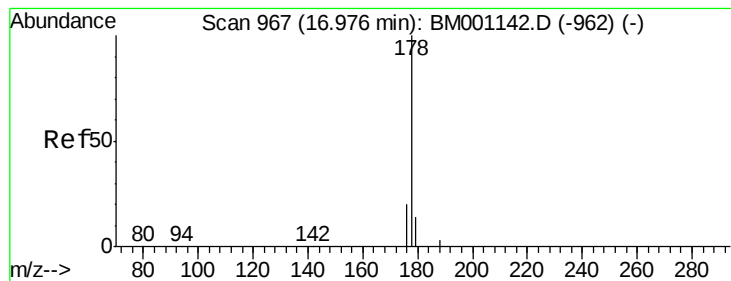


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#21

Phenanthrene

Concen: 8.32 ng

RT: 16.98 min Scan# 967

Delta R.T. -0.00 min

Lab File: BM001202.D

Acq: 05 May 2015 02:12

Instrument :

BNA_M

ClientSampleId :

MW-102MSD

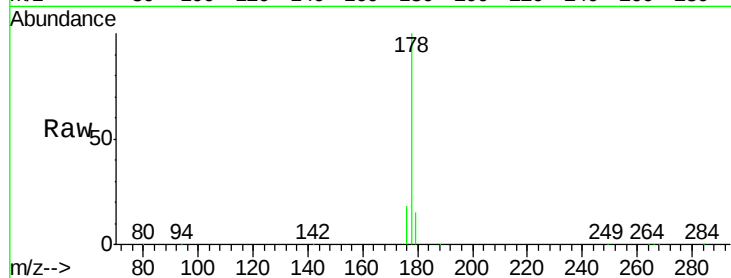
Tgt Ion:178 Resp: 219747

Ion Ratio Lower Upper

178 100

176 18.7 15.5 23.3

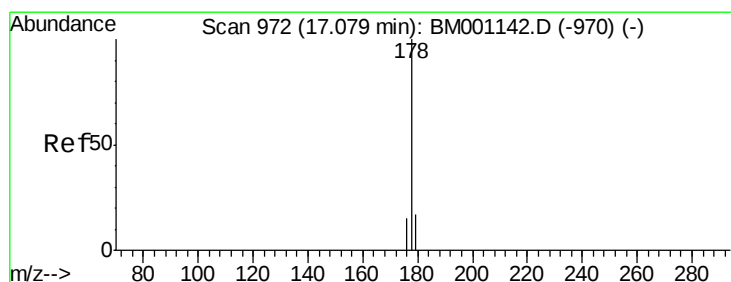
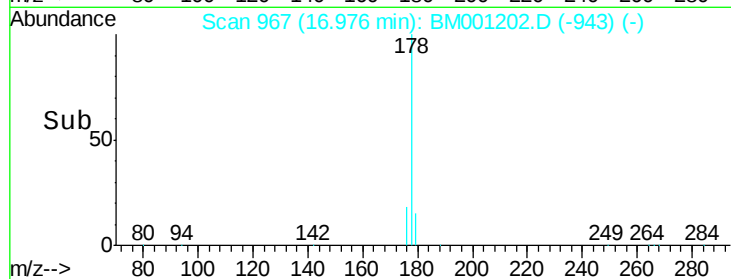
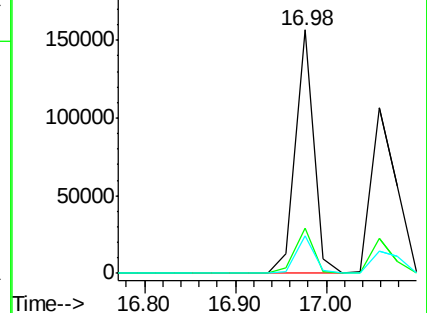
179 15.3 12.0 18.0



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



#22

Anthracene

Concen: 9.38 ng

RT: 17.06 min Scan# 971

Delta R.T. -0.02 min

Lab File: BM001202.D

Acq: 05 May 2015 02:12

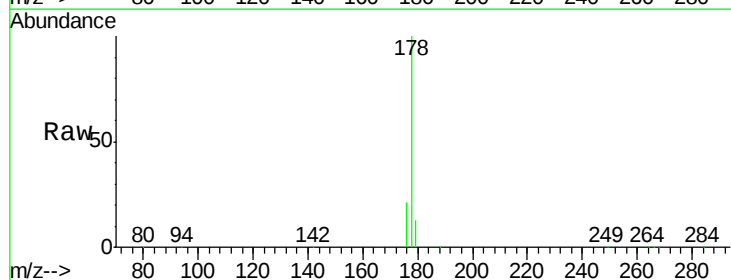
Tgt Ion:178 Resp: 204830

Ion Ratio Lower Upper

178 100

176 18.6 14.3 21.5

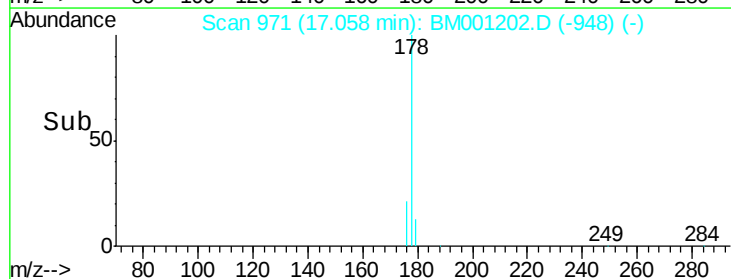
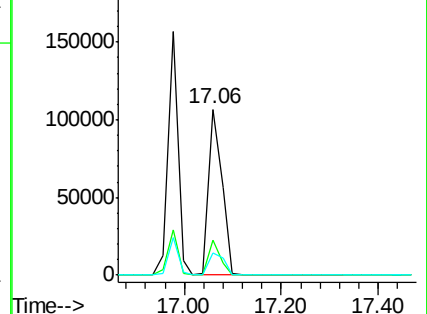
179 15.7 12.2 18.2

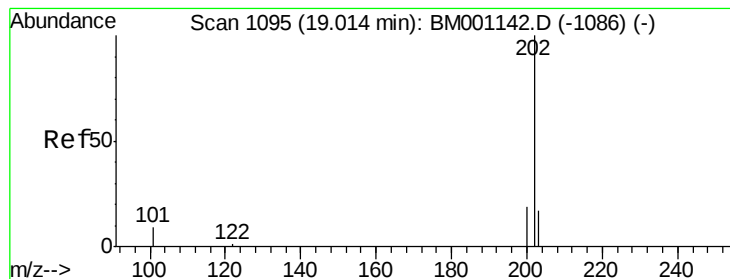


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 9.15 ng

RT: 19.00 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BM001202.D

Acq: 05 May 2015 02:12

Instrument :

BNA_M

ClientSampleId :

MW-102MSD

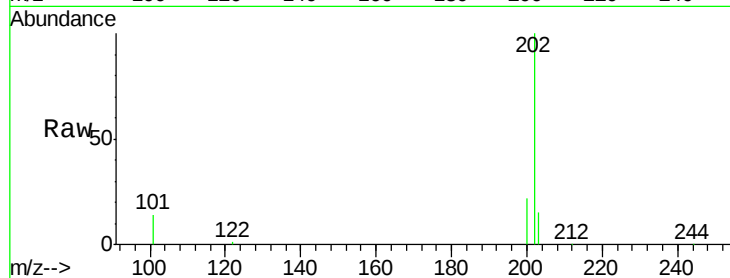
Tgt Ion:202 Resp: 244753

Ion Ratio Lower Upper

202 100

101 11.6 9.3 13.9

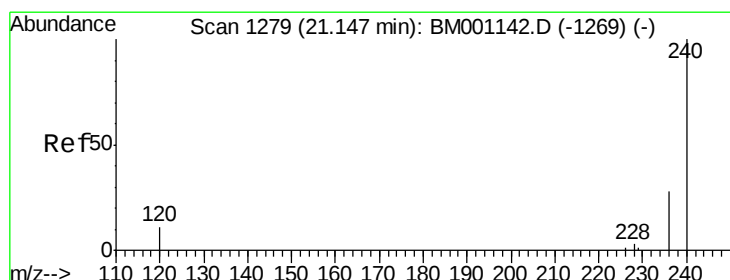
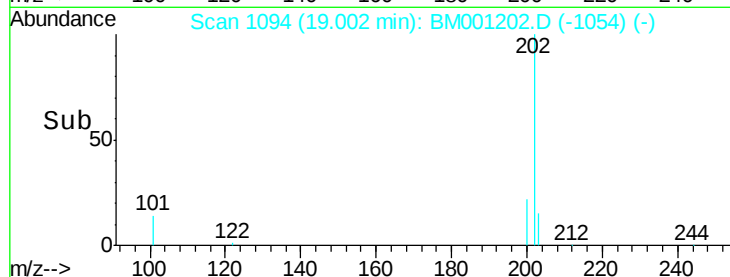
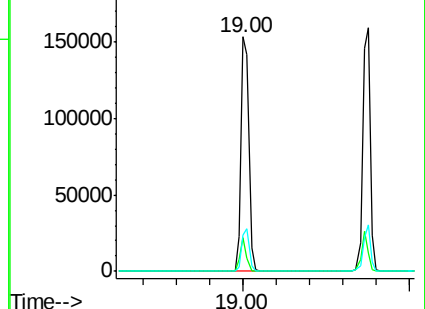
203 17.6 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.15 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BM001202.D

Acq: 05 May 2015 02:12

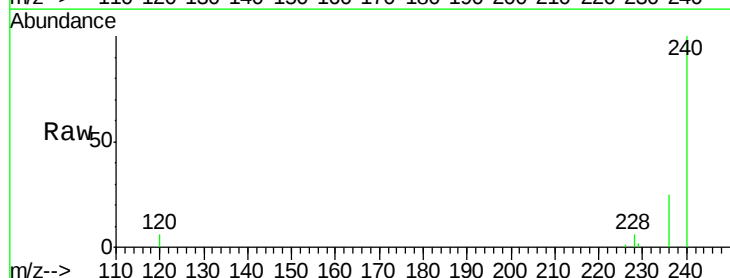
Tgt Ion:240 Resp: 83606

Ion Ratio Lower Upper

240 100

120 5.8 9.2 13.8#

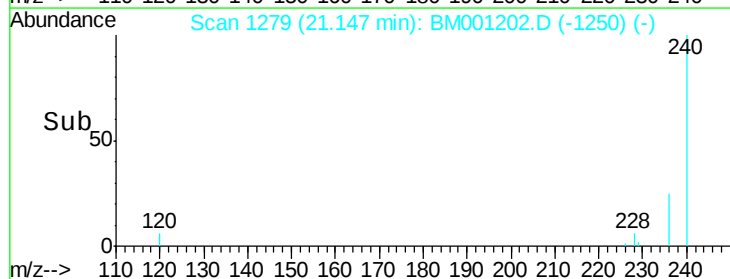
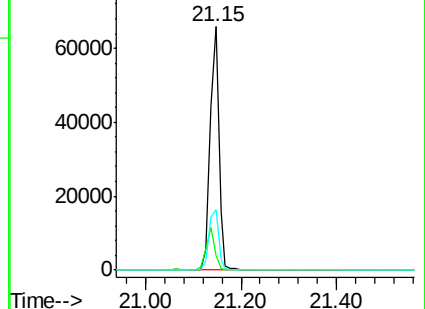
236 24.7 22.4 33.6

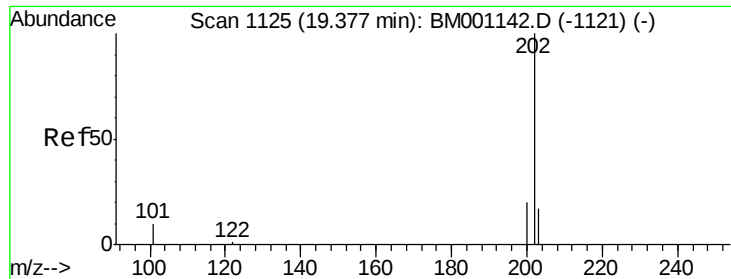


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

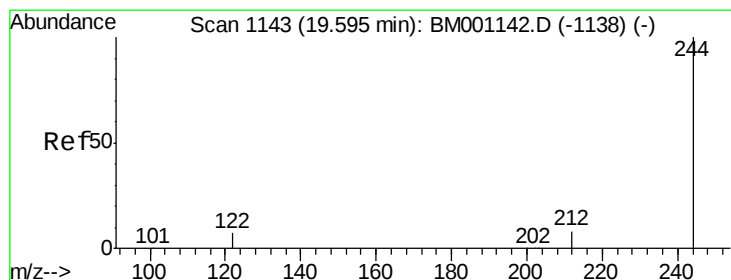
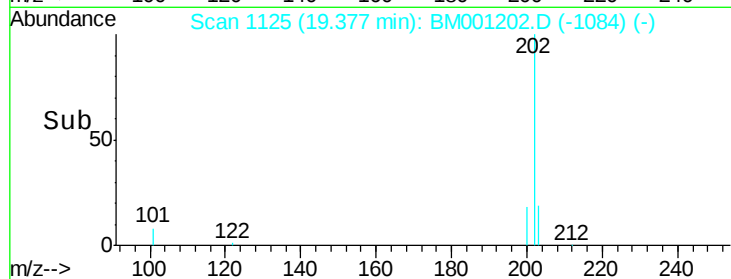
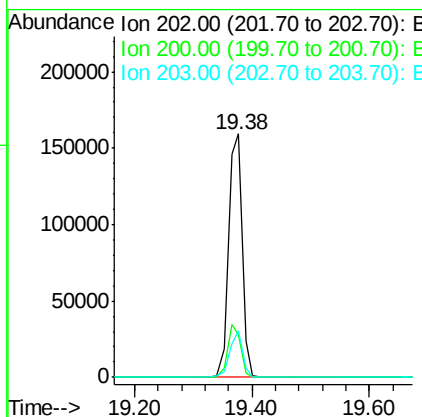
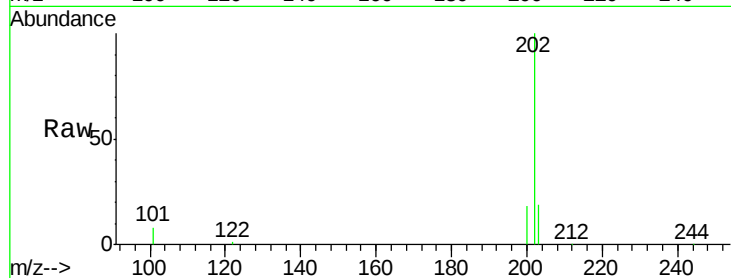




#25
 Pyrene
 Concen: 9.74 ng
 RT: 19.38 min Scan# 1125
 Delta R.T. -0.00 min
 Lab File: BM001202.D
 Acq: 05 May 2015 02:12

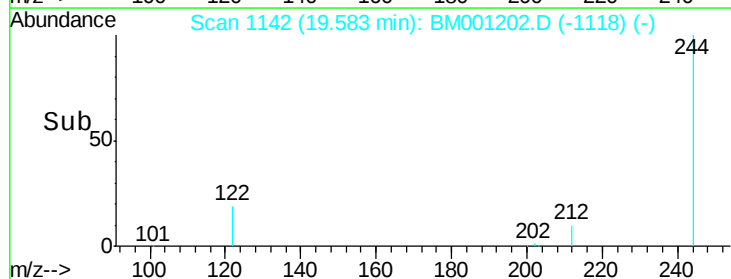
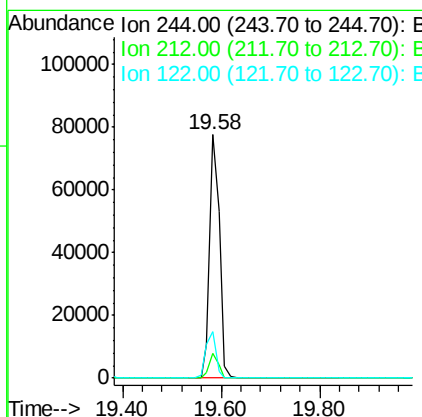
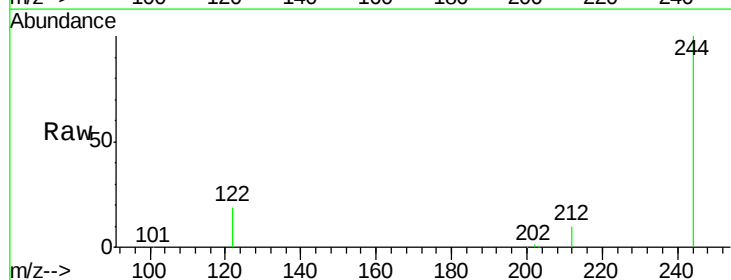
Instrument :
 BNA_M
 ClientSampleId :
 MW-102MSD

Tgt Ion: 202 Resp: 254362
 Ion Ratio Lower Upper
 202 100
 200 20.5 16.4 24.6
 203 17.8 13.8 20.6



#26
 Terphenyl-d14
 Concen: 9.22 ng
 RT: 19.58 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: BM001202.D
 Acq: 05 May 2015 02:12

Tgt Ion: 244 Resp: 106295
 Ion Ratio Lower Upper
 244 100
 212 10.2 7.1 10.7
 122 19.3 6.2 9.4#





#27

Benzo(a)anthracene

Concen: 9.27 ng

RT: 21.13 min Scan# 1277

Delta R.T. -0.00 min

Lab File: BM001202.D

Acq: 05 May 2015 02:12

Instrument :

BNA_M

ClientSampleId :

MW-102MSD

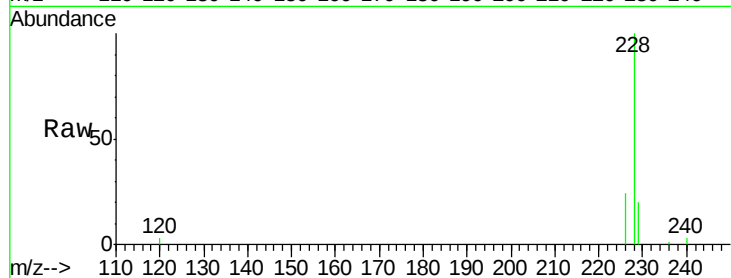
Tgt Ion:228 Resp: 218610

Ion Ratio Lower Upper

228 100

226 24.3 22.8 34.2

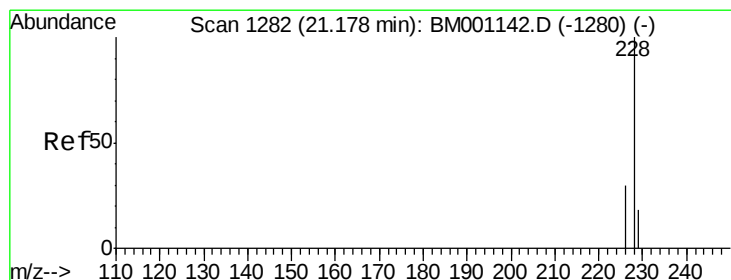
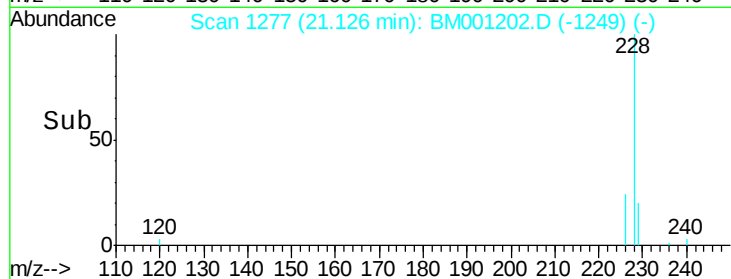
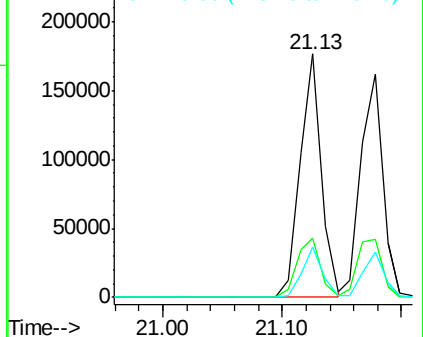
229 20.5 14.4 21.6



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



#28

Chrysene

Concen: 9.03 ng

RT: 21.18 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BM001202.D

Acq: 05 May 2015 02:12

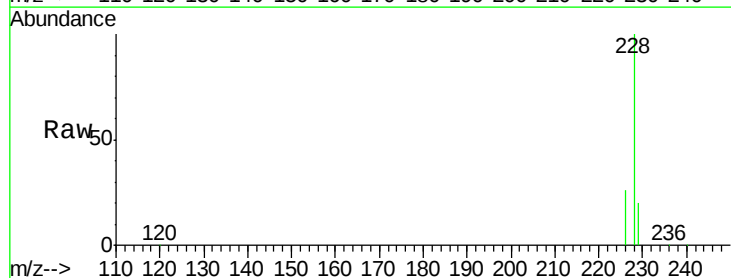
Tgt Ion:228 Resp: 208837

Ion Ratio Lower Upper

228 100

226 26.2 24.4 36.6

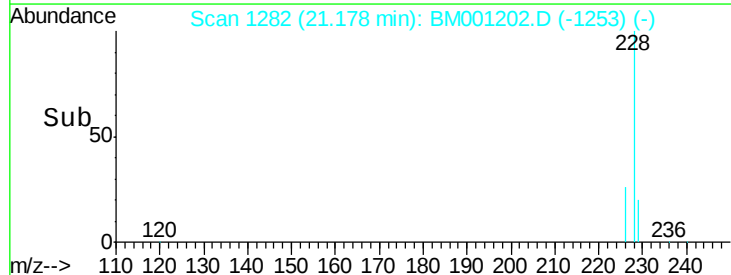
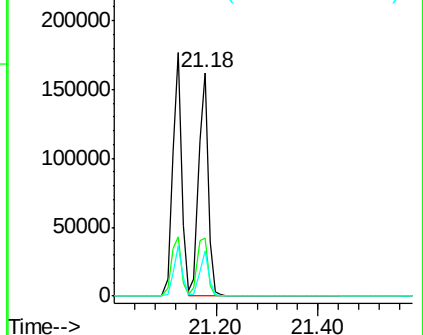
229 20.4 14.3 21.5

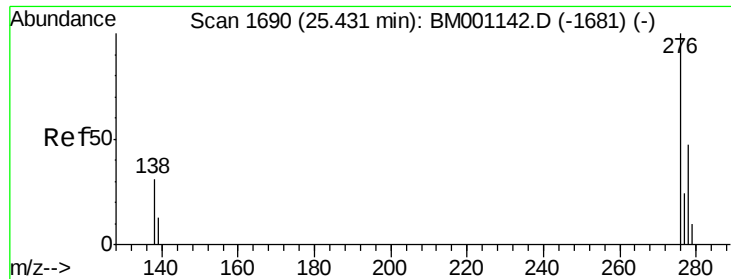


Abundance Ion 228.00 (227.70 to 228.70): E

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: 7.53 ng

RT: 25.42 min Scan# 1689

Delta R.T. -0.01 min

Lab File: BM001202.D

Acq: 05 May 2015 02:12

Instrument :

BNA_M

ClientSampleId :

MW-102MSD

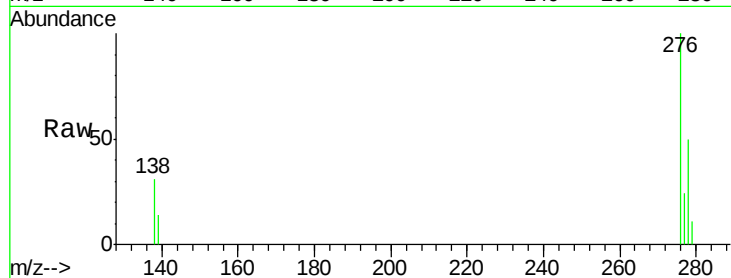
Tgt Ion:276 Resp: 158966

Ion Ratio Lower Upper

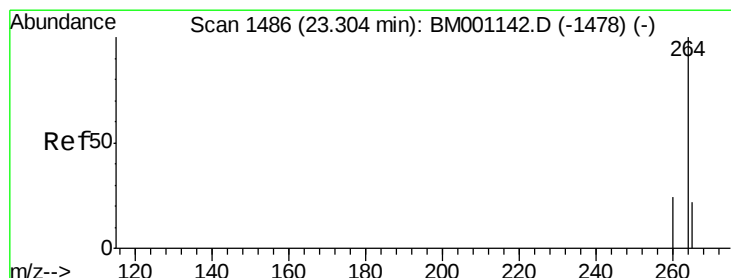
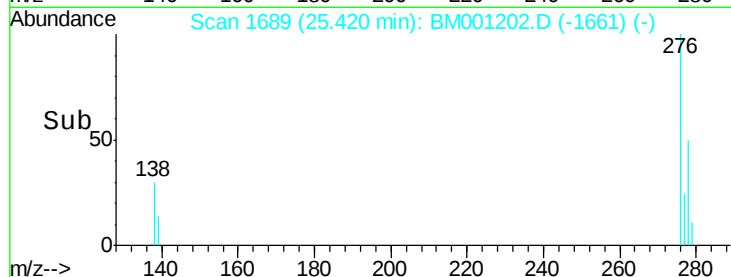
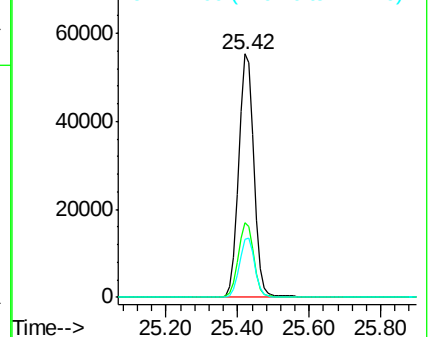
276 100

138 30.9 24.2 36.4

277 24.5 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. -0.01 min

Lab File: BM001202.D

Acq: 05 May 2015 02:12

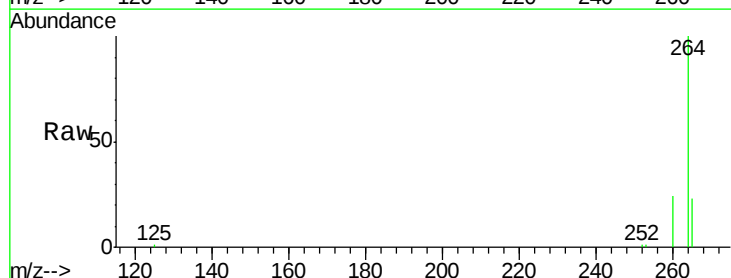
Tgt Ion:264 Resp: 66119

Ion Ratio Lower Upper

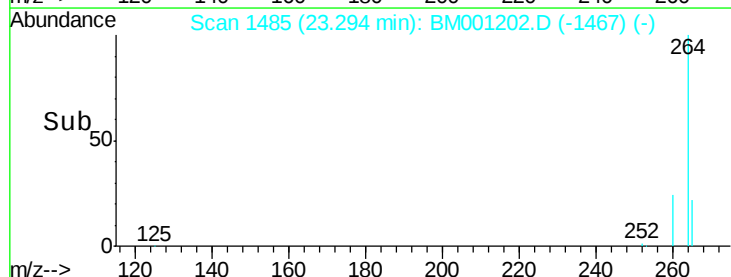
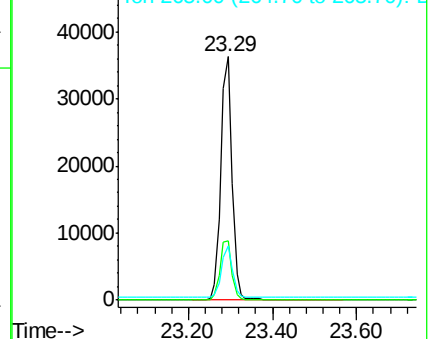
264 100

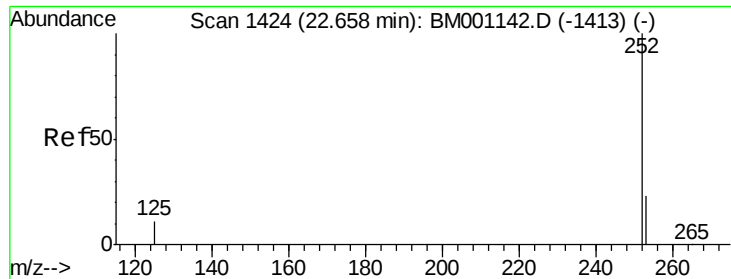
260 24.2 18.9 28.3

265 22.5 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: 9.71 ng

RT: 22.65 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BM001202.D

Acq: 05 May 2015 02:12

Instrument :

BNA_M

ClientSampleId :

MW-102MSD

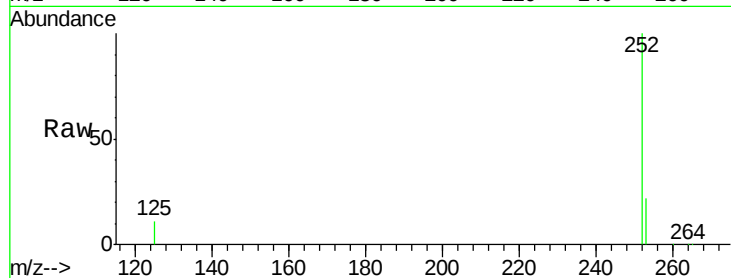
Tgt Ion:252 Resp: 197671

Ion Ratio Lower Upper

252 100

253 22.0 19.0 28.4

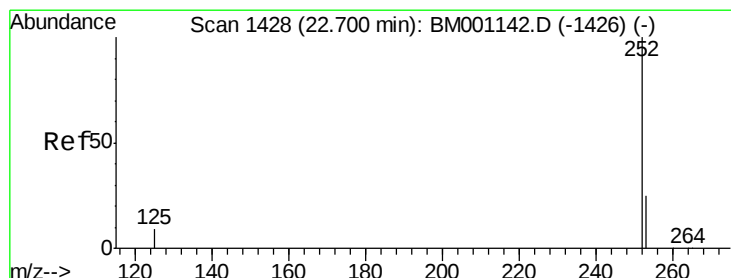
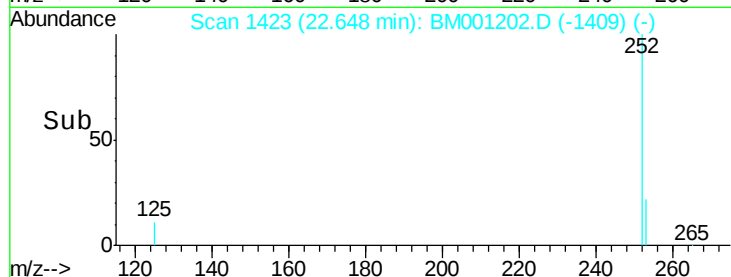
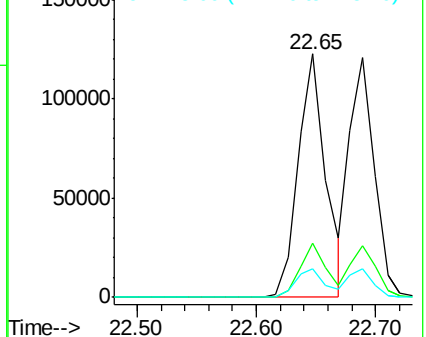
125 11.5 9.1 13.7



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: 9.24 ng

RT: 22.69 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BM001202.D

Acq: 05 May 2015 02:12

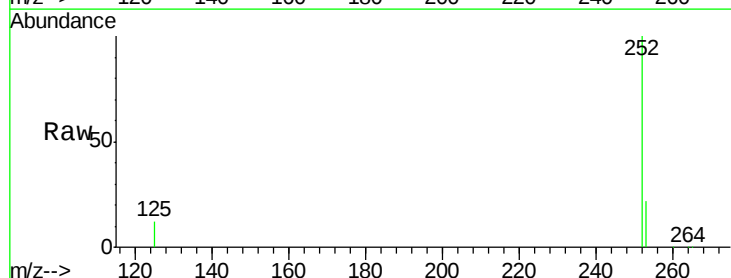
Tgt Ion:252 Resp: 176213

Ion Ratio Lower Upper

252 100

253 21.8 19.1 28.7

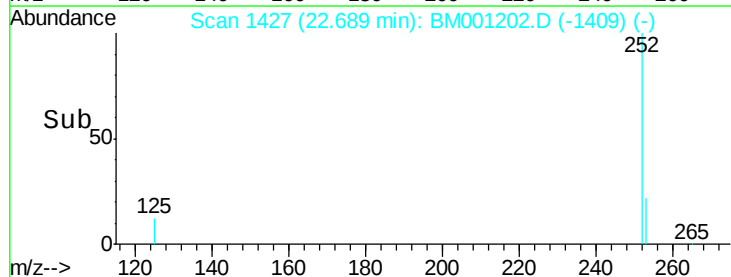
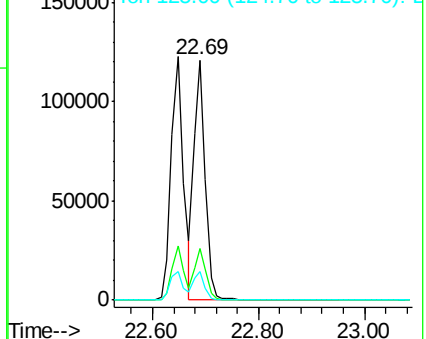
125 11.8 9.3 13.9



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





#33

Benzo(a)pyrene

Concen: 9.87 ng

RT: 23.19 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BM001202.D

Acq: 05 May 2015 02:12

Instrument :

BNA_M

ClientSampleId :

MW-102MSD

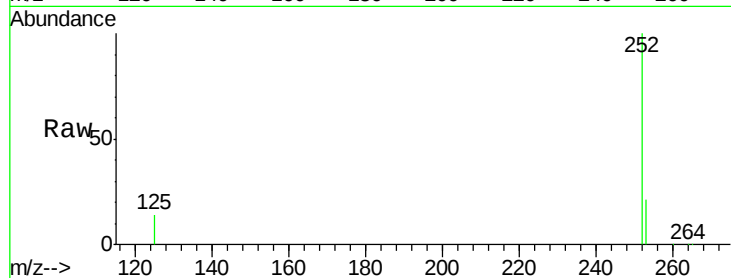
Tgt Ion:252 Resp: 169585

Ion Ratio Lower Upper

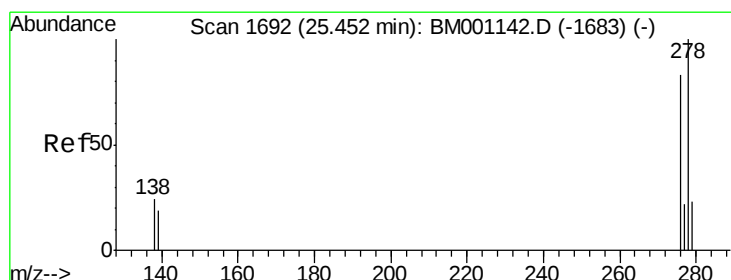
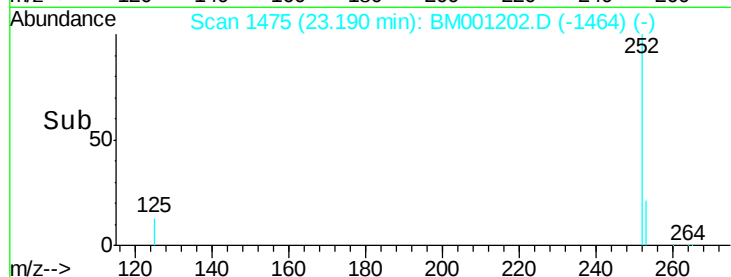
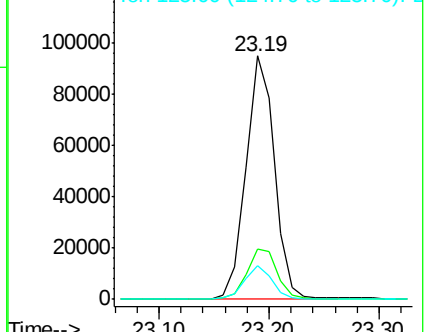
252 100

253 20.7 18.2 27.2

125 13.6 10.6 16.0



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: 8.52 ng

RT: 25.44 min Scan# 1691

Delta R.T. -0.01 min

Lab File: BM001202.D

Acq: 05 May 2015 02:12

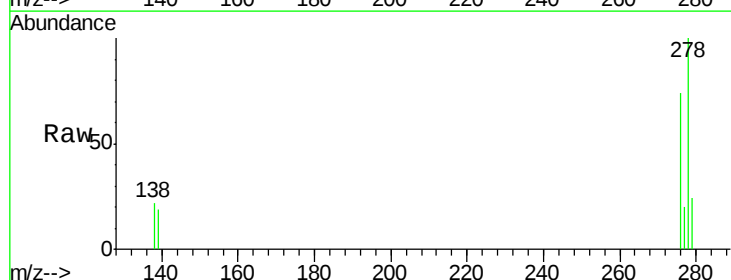
Tgt Ion:278 Resp: 128398

Ion Ratio Lower Upper

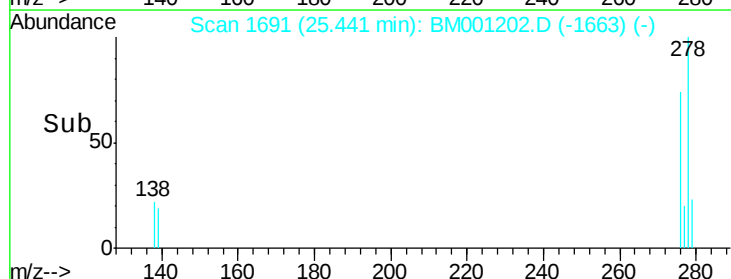
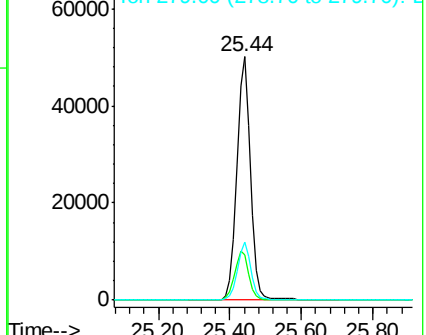
278 100

139 18.8 15.5 23.3

279 23.6 19.7 29.5



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#35

Benzo(g,h,i)perylene

Concen: 8.06 ng

RT: 26.08 min Scan# 1752

Delta R.T. -0.01 min

Lab File: BM001202.D

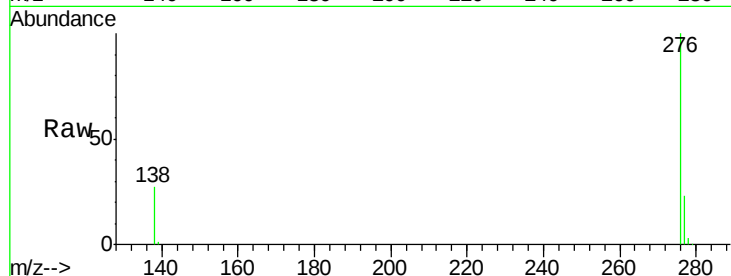
Acq: 05 May 2015 02:12

Instrument :

BNA_M

ClientSampleId :

MW-102MSD



Tgt Ion: 276 Resp: 128167

Ion Ratio Lower Upper

276 100

277 23.2 19.0 28.4

138 26.6 21.3 31.9

