

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050415\
 Data File : BM001191.D
 Acq On : 04 May 2015 19:36
 Operator : TP/IZ
 Sample : PB83178BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB83178BS

Quant Time: May 05 04:03:19 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	16199	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	68122	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	39871	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	102198	5.00	ng	0.00
24) Chrysene-d12	21.15	240	89765	5.00	ng	0.00
30) Perylene-d12	23.29	264	73813	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.11	112	37834	12.01	ng	0.00
5) Phenol-d6	6.71	99	53409	13.76	ng	0.00
7) Nitrobenzene-d5	8.68	82	35263	9.14	ng	-0.01
13) 2,4,6-Tribromophenol	15.69	330	27714	14.11	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	106404	8.07	ng	0.00
26) Terphenyl-d14	19.59	244	103421	8.36	ng	0.00

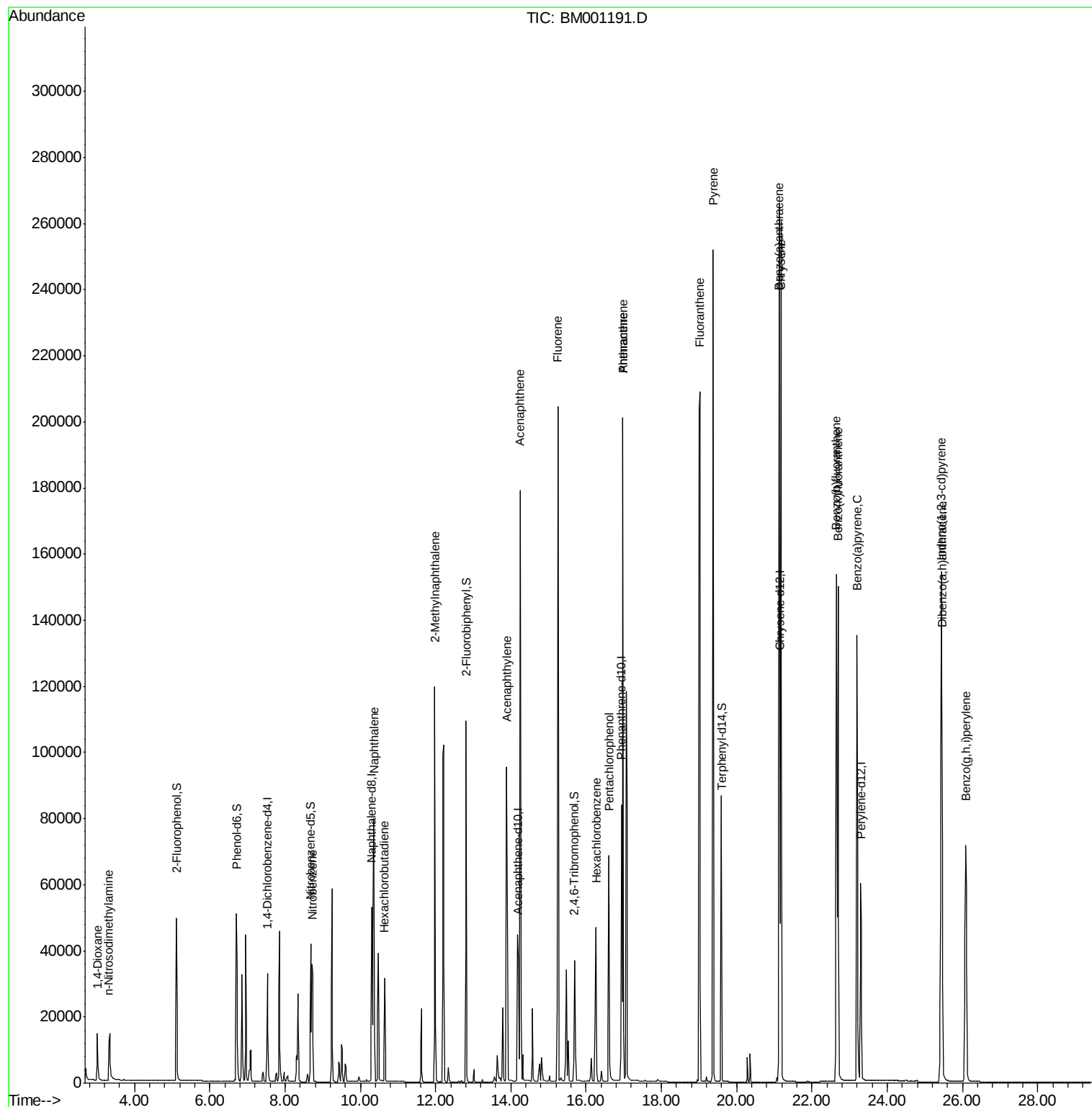
Target Compounds						Qvalue
2) 1,4-Dioxane	3.01	88	9982	7.43	ng	# 77
3) n-Nitrosodimethylamine	3.32	42	16125	8.13	ng	# 98
8) Nitrobenzene	8.72	77	39242	7.72	ng	93
9) Naphthalene	10.36	128	114811	7.67	ng	99
10) Hexachlorobutadiene	10.65	225	21532	7.46	ng	100
11) 2-Methylnaphthalene	11.98	142	82910	8.07	ng	92
15) Acenaphthylene	13.89	152	150527	8.64	ng	# 100
16) Acenaphthene	14.24	154	106311	8.83	ng	89
17) Fluorene	15.24	166	128653	9.21	ng	98
19) Hexachlorobenzene	16.26	284	44912	8.16	ng	# 95
20) Pentachlorophenol	16.61	266	49196	20.04	ng	93
21) Phenanthrene	16.98	178	211109	8.02	ng	99
22) Anthracene	16.98	178	211109	9.71	ng	99
23) Fluoranthene	19.01	202	231542	8.69	ng	100
25) Pyrene	19.38	202	246097	8.77	ng	99
27) Benzo(a)anthracene	21.13	228	218092	8.62	ng	98
28) Chrysene	21.18	228	205188	8.26	ng	99
29) Indeno(1,2,3-cd)pyrene	25.43	276	169616	7.49	ng	99
31) Benzo(b)fluoranthene	22.65	252	191693	8.43	ng	94
32) Benzo(k)fluoranthene	22.69	252	194834	9.15	ng	94
33) Benzo(a)pyrene	23.20	252	178313	9.30	ng	99
34) Dibenzo(a,h)anthracene	25.45	278	136070	8.09	ng	98
35) Benzo(g,h,i)perylene	26.09	276	137475	7.75	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.53 min Scan# 314

Delta R.T. 0.00 min

Lab File: BM001191.D

Acq: 04 May 2015 19:36

Instrument :

BNA_M

ClientSampleId :

PB83178BS

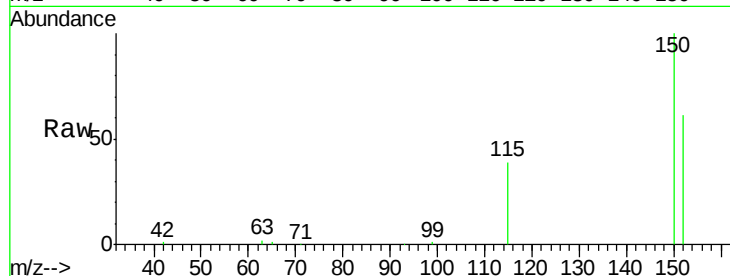
Tgt Ion:152 Resp: 16199

Ion Ratio Lower Upper

152 100

150 163.5 140.1 210.1

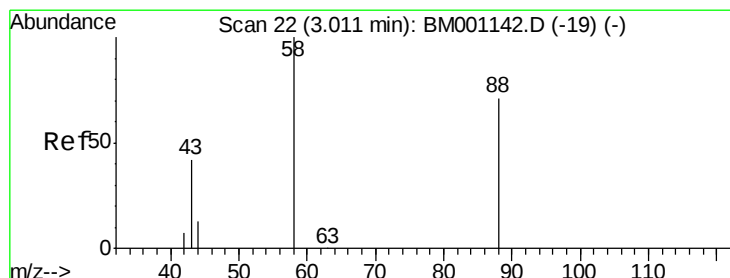
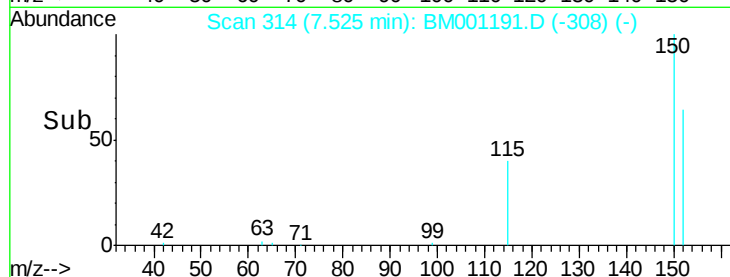
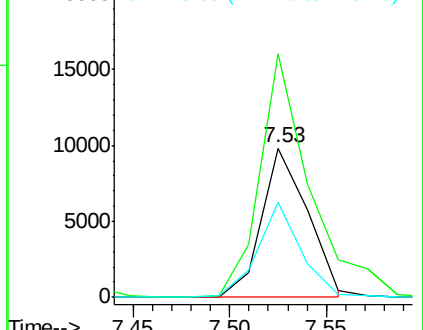
115 63.7 57.8 86.6



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: 7.43 ng

RT: 3.01 min Scan# 22

Delta R.T. 0.00 min

Lab File: BM001191.D

Acq: 04 May 2015 19:36

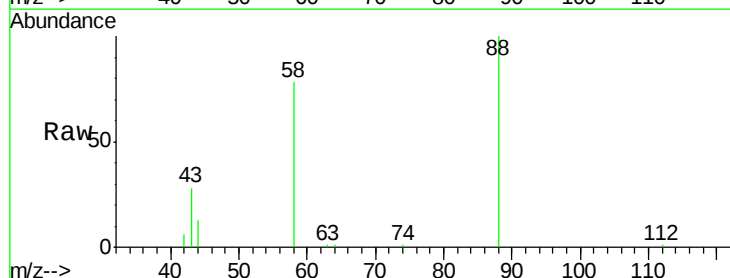
Tgt Ion: 88 Resp: 9982

Ion Ratio Lower Upper

88 100

58 82.1 48.2 72.2#

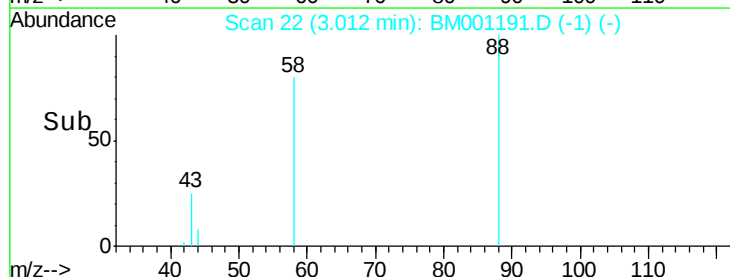
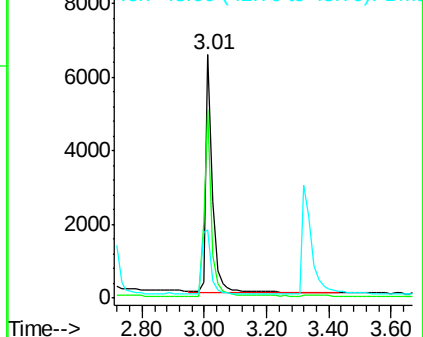
43 38.1 24.8 37.2#



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: 8.13 ng

RT: 3.32 min Scan# 42

Delta R.T. -0.02 min

Lab File: BM001191.D

Acq: 04 May 2015 19:36

Instrument :

BNA_M

ClientSampleId :

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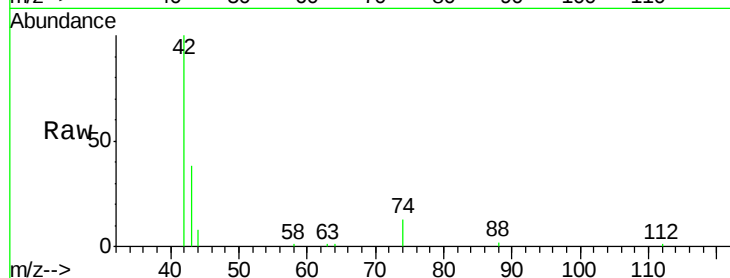
Tgt Ion: 42 Resp: 16125

Ion Ratio Lower Upper

42 100

74 87.8 72.0 108.0

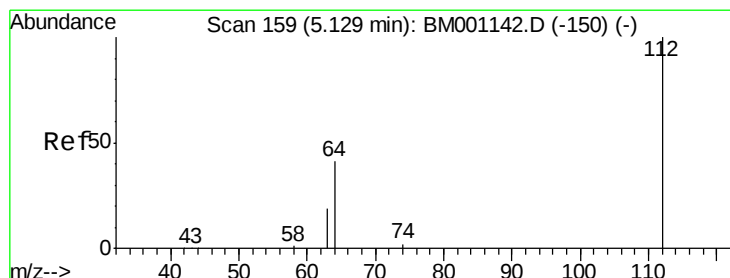
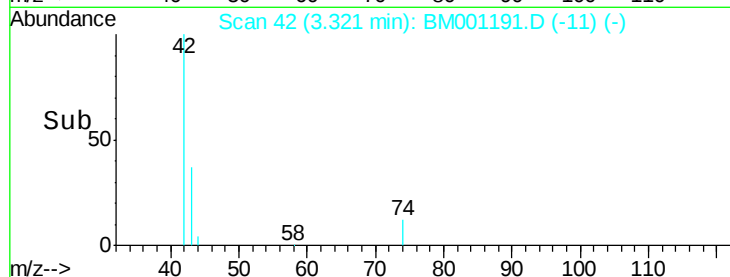
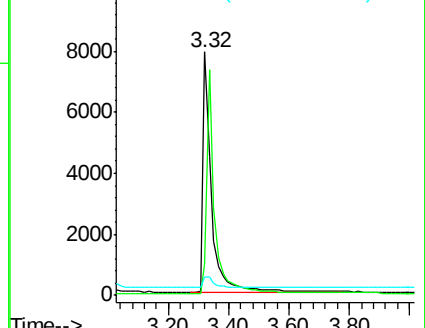
44 6.0 3.7 5.5#



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: 12.01 ng

RT: 5.11 min Scan# 158

Delta R.T. 0.00 min

Lab File: BM001191.D

Acq: 04 May 2015 19:36

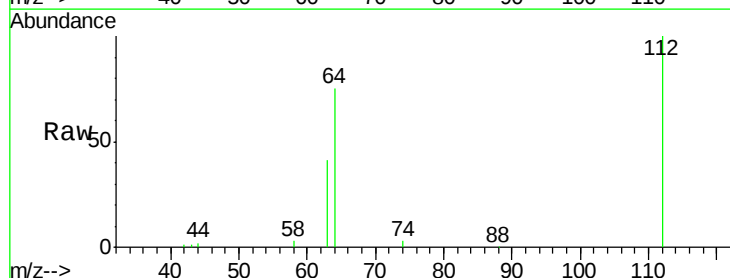
Tgt Ion: 112 Resp: 37834

Ion Ratio Lower Upper

112 100

64 64.8 52.6 79.0

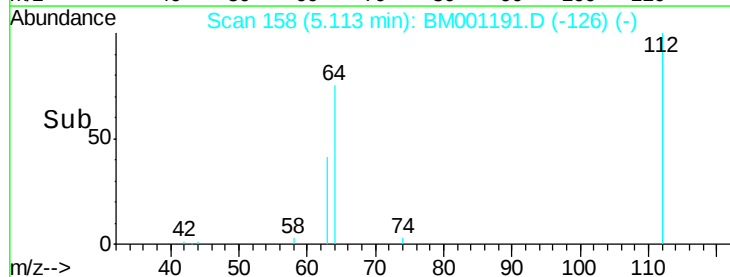
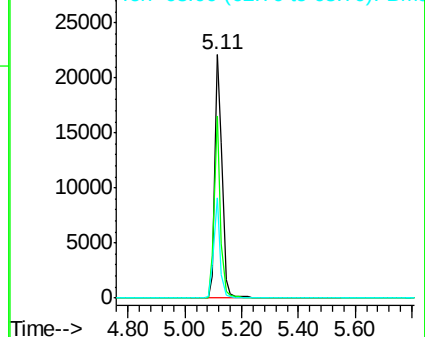
63 36.1 29.5 44.3

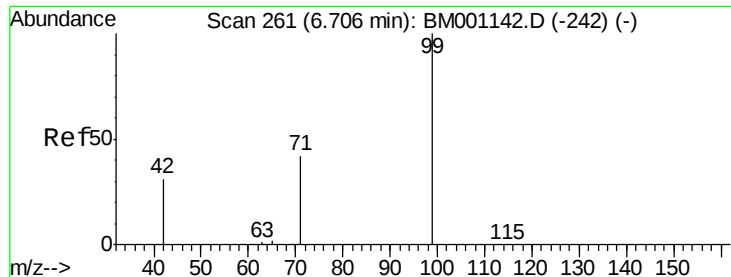


Abundance Ion 112.00 (111.70 to 112.70): BM001142.D (-150) (-)

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: 13.76 ng

RT: 6.71 min Scan# 261

Delta R.T. 0.00 min

Lab File: BM001191.D

Acq: 04 May 2015 19:36

Instrument :

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PB83178BS

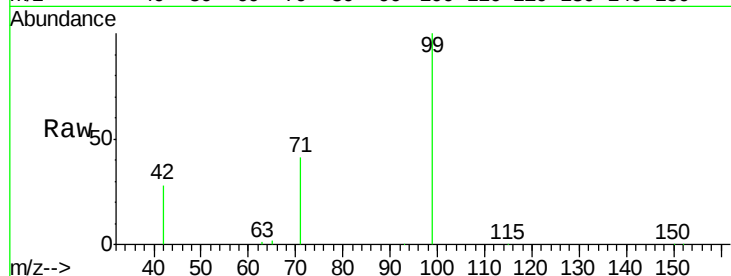
Tgt Ion: 99 Resp: 53409

Ion Ratio Lower Upper

99 100

42 25.3 20.9 31.3

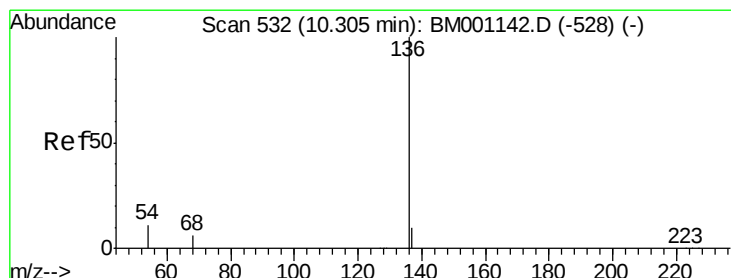
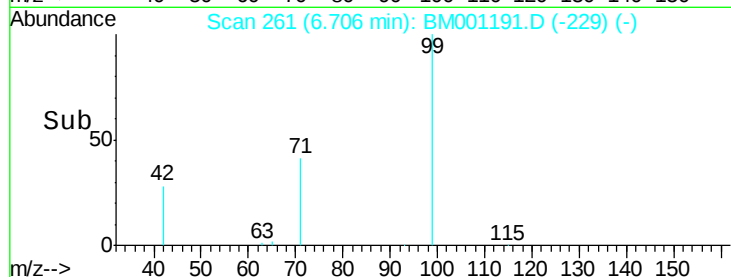
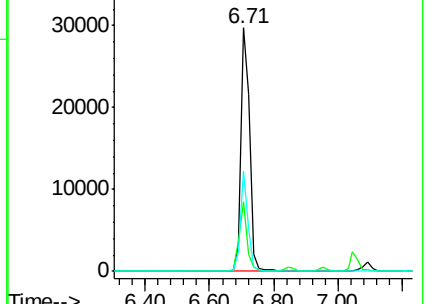
71 35.5 28.5 42.7



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: BM001191.D

Acq: 04 May 2015 19:36

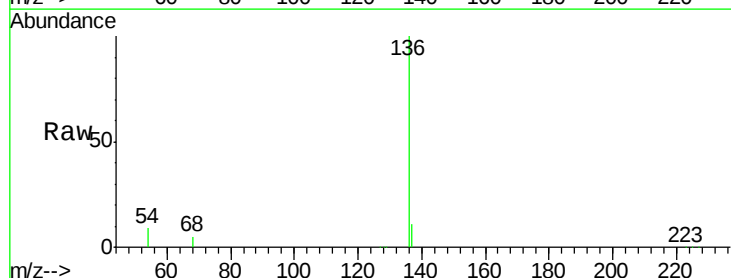
Tgt Ion: 136 Resp: 68122

Ion Ratio Lower Upper

136 100

137 10.7 8.2 12.4

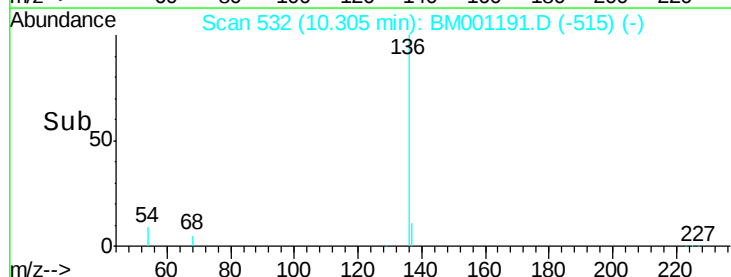
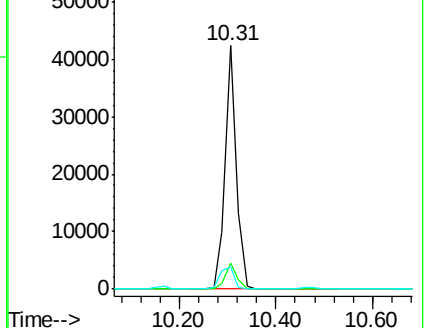
54 8.9 9.0 13.4#

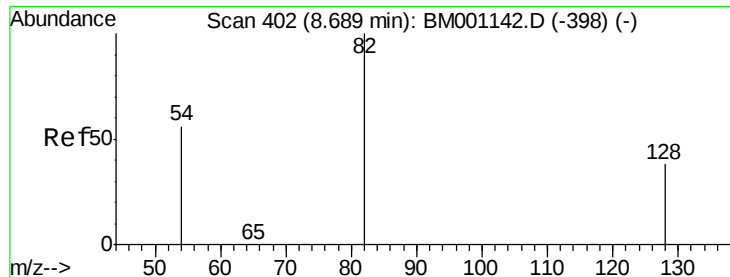


Abundance Ion 136.00 (135.70 to 136.70): BM001142.D (-528) (-)

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: 9.14 ng

RT: 8.68 min Scan# 401

Delta R.T. -0.01 min

Lab File: BM001191.D

Acq: 04 May 2015 19:36

Instrument :

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ClientSampleId :

PB83178BS

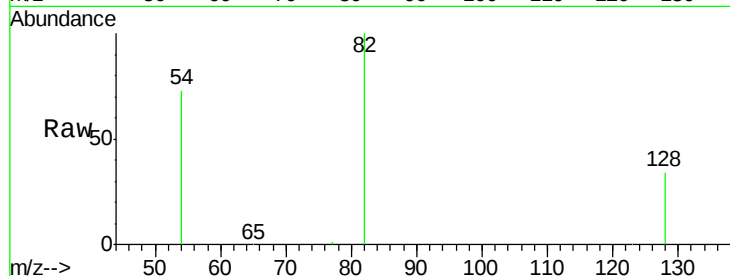
Tgt Ion: 82 Resp: 35263

Ion Ratio Lower Upper

82 100

128 33.9 31.9 47.9

54 72.7 46.2 69.2#

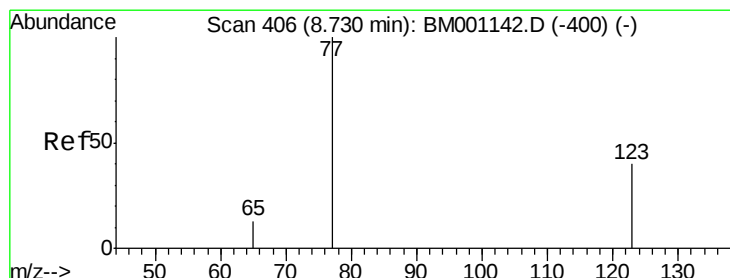
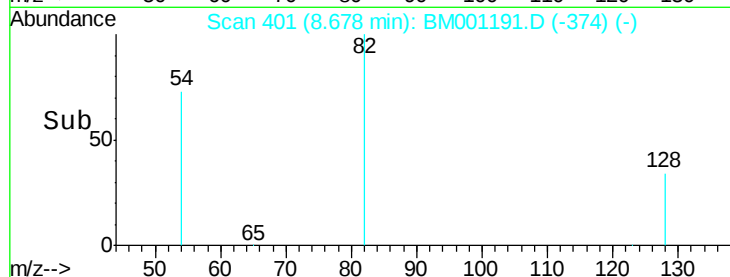


Abundance Ion 82.00 (81.70 to 82.70): BM001142.D (-398) (-)

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

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

Time-->



#8

Nitrobenzene

Concen: 7.72 ng

RT: 8.72 min Scan# 405

Delta R.T. 0.00 min

Lab File: BM001191.D

Acq: 04 May 2015 19:36

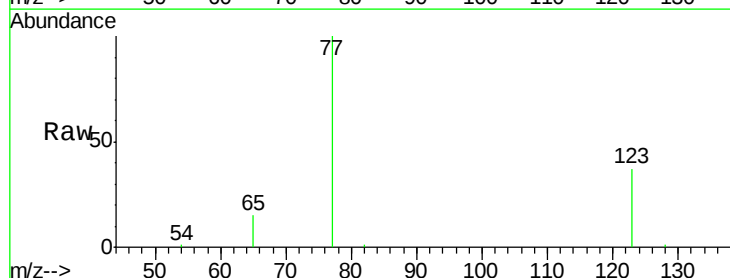
Tgt Ion: 77 Resp: 39242

Ion Ratio Lower Upper

77 100

123 43.7 31.0 46.6

65 14.5 10.6 15.8

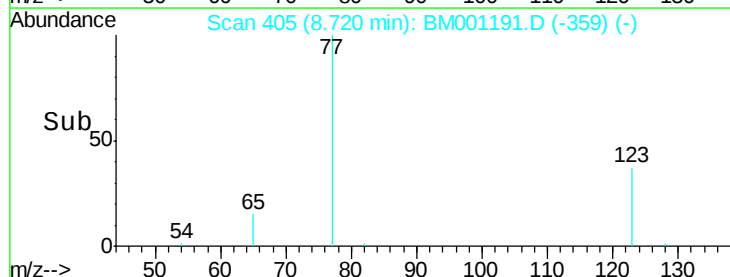


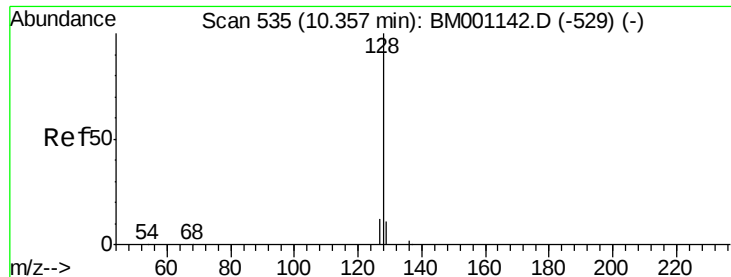
Abundance Ion 77.00 (76.70 to 77.70): BM001142.D (-400) (-)

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

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

Time-->





#9

Naphthalene

Concen: 7.67 ng

RT: 10.36 min Scan# 535

Delta R.T. 0.00 min

Lab File: BM001191.D

Acq: 04 May 2015 19:36

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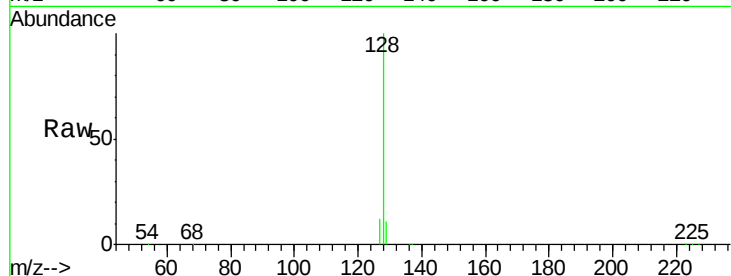
Tgt Ion:128 Resp: 114811

Ion Ratio Lower Upper

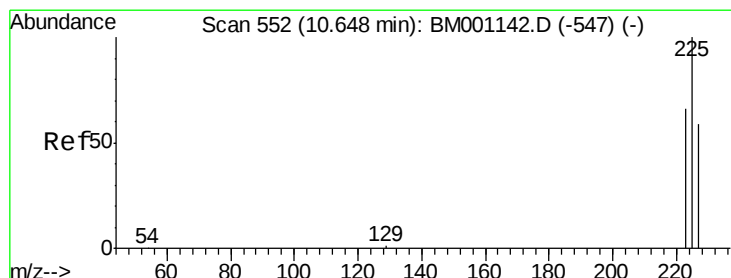
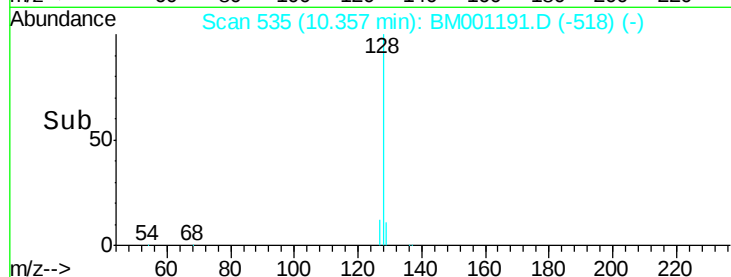
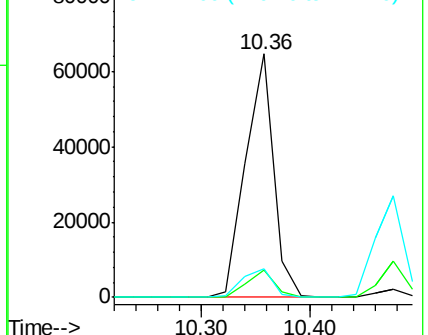
128 100

129 11.4 9.0 13.6

127 11.8 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

Hexachlorobutadiene

Concen: 7.46 ng

RT: 10.65 min Scan# 552

Delta R.T. 0.00 min

Lab File: BM001191.D

Acq: 04 May 2015 19:36

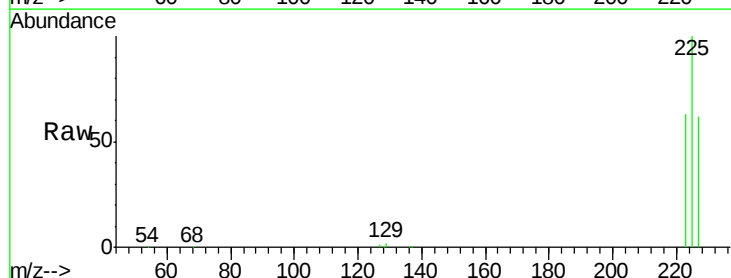
Tgt Ion:225 Resp: 21532

Ion Ratio Lower Upper

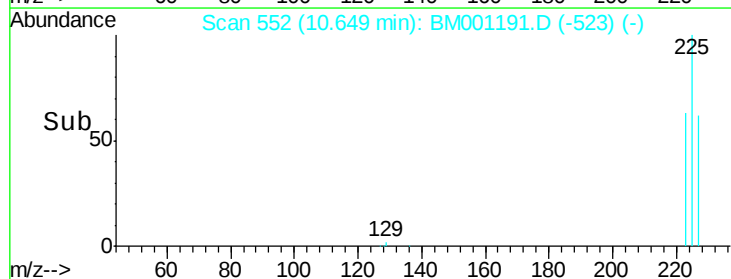
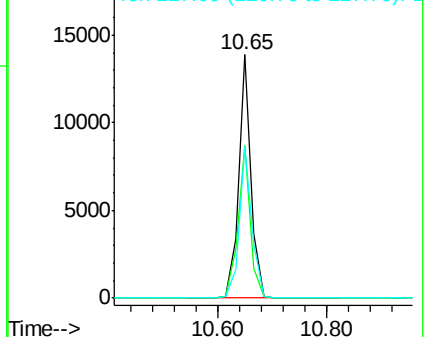
225 100

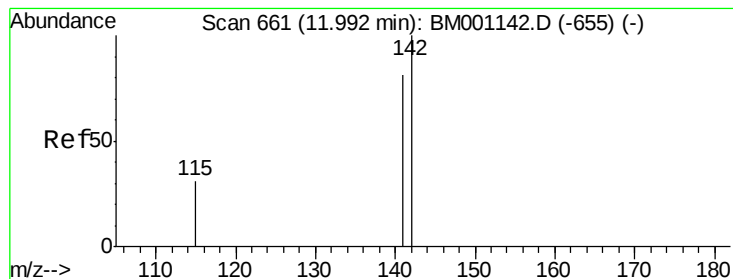
223 63.2 50.8 76.2

227 63.4 51.0 76.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 8.07 ng

RT: 11.98 min Scan# 660

Delta R.T. 0.00 min

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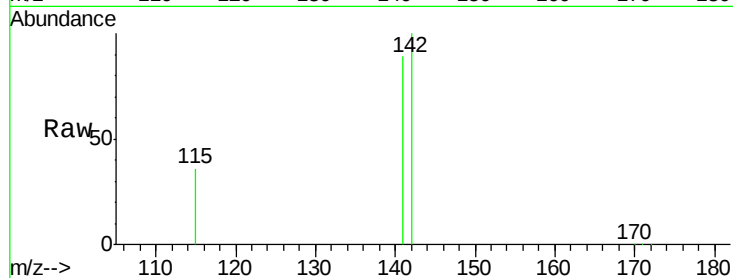
Tgt Ion:142 Resp: 82910

Ion Ratio Lower Upper

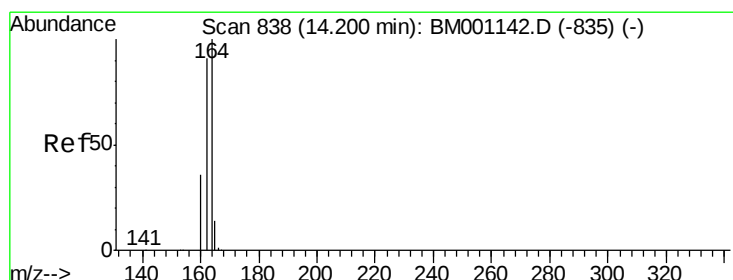
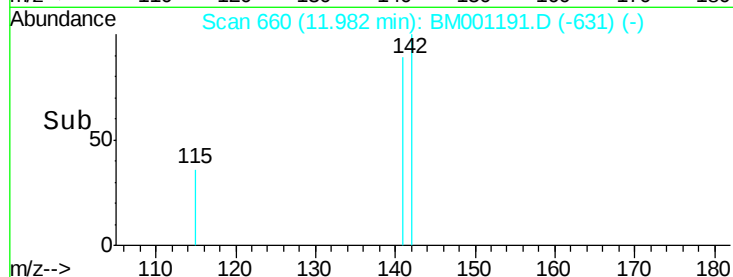
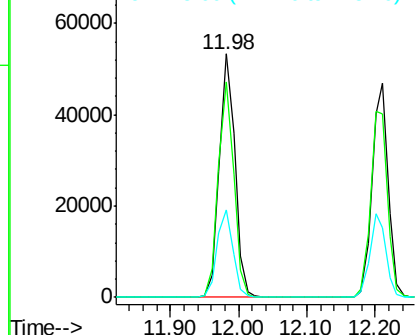
142 100

141 88.5 65.1 97.7

115 35.9 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: BM001191.D

Acq: 04 May 2015 19:36

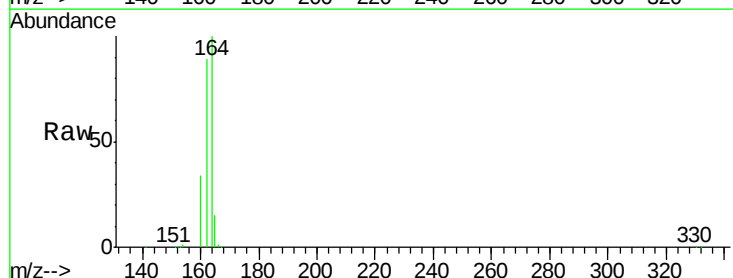
Tgt Ion:164 Resp: 39871

Ion Ratio Lower Upper

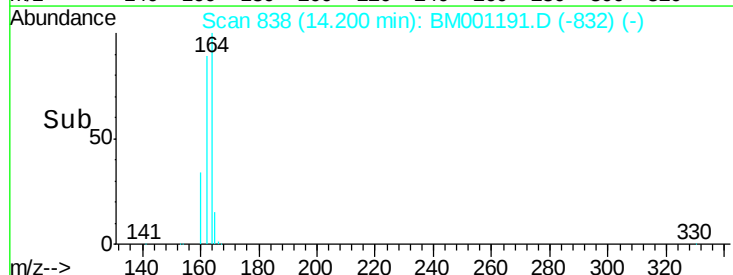
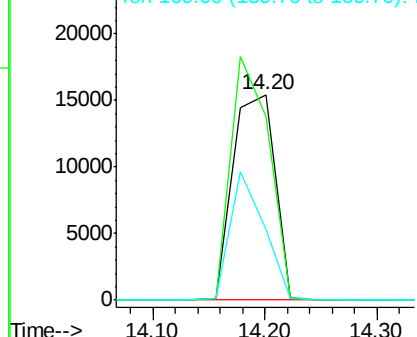
164 100

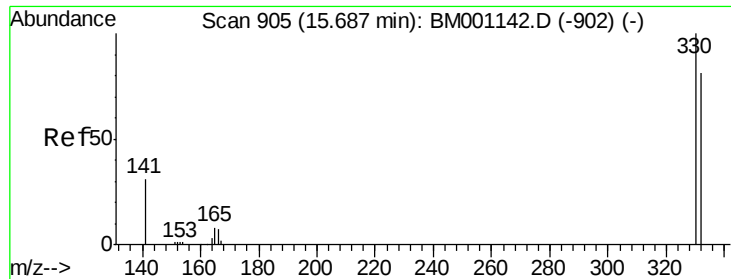
162 89.2 72.7 109.1

160 34.3 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

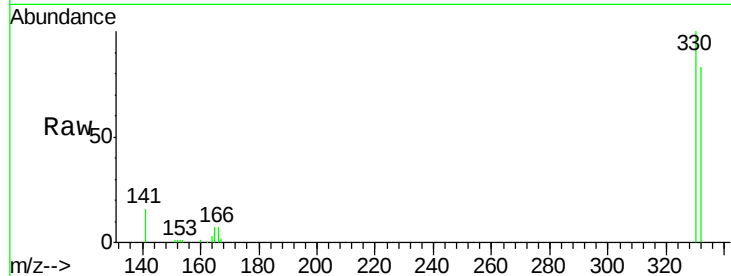




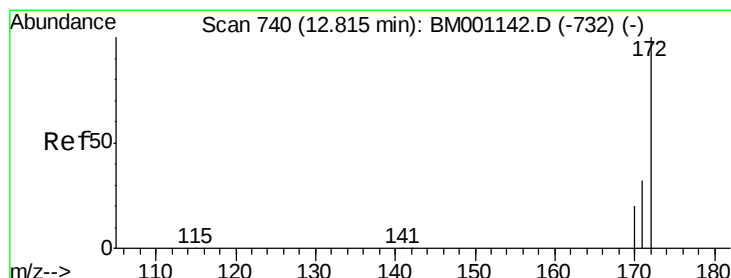
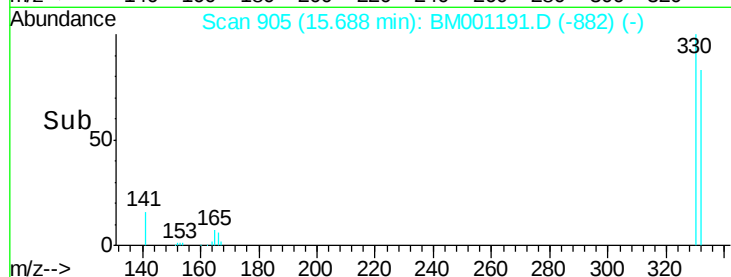
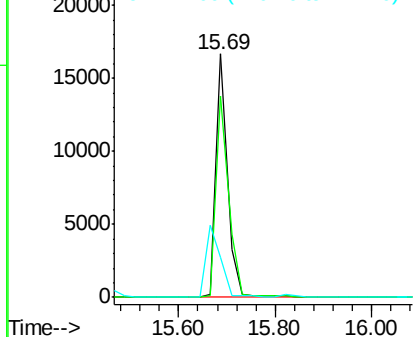
#13
 2,4,6-Tribromophenol
 Concen: 14.11 ng
 RT: 15.69 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BM001191.D
 Acq: 04 May 2015 19:36

Instrument :
 BNA_M
 ClientSampleId :
 PB83178BS

Tgt Ion:330 Resp: 27714
 Ion Ratio Lower Upper
 330 100
 332 91.2 74.5 111.7
 141 0.0 21.0 31.4#

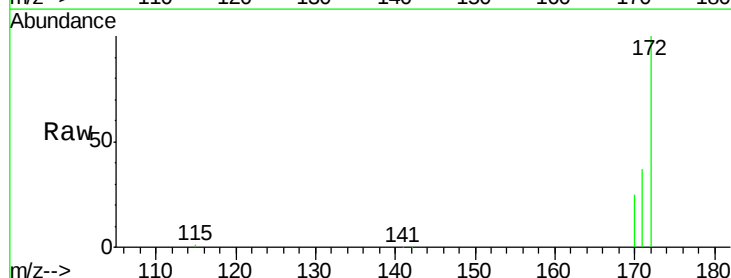


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

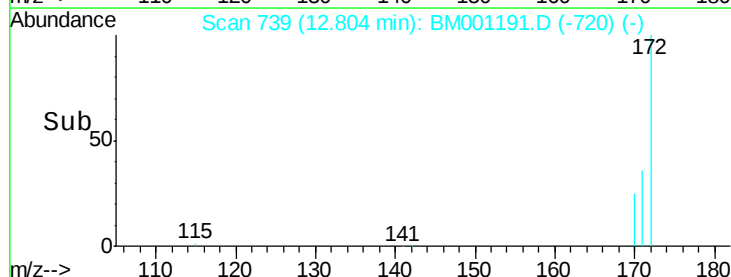
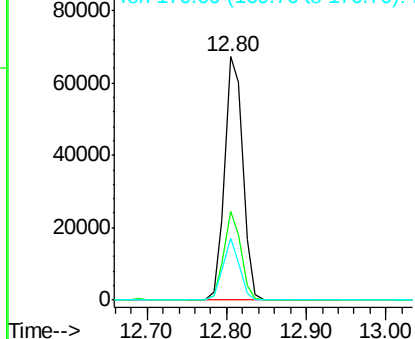


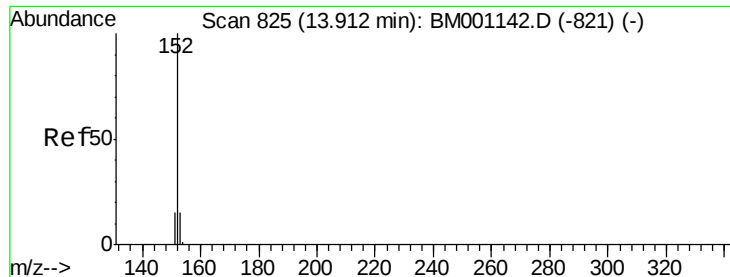
#14
 2-Fluorobiphenyl
 Concen: 8.07 ng
 RT: 12.80 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BM001191.D
 Acq: 04 May 2015 19:36

Tgt Ion:172 Resp: 106404
 Ion Ratio Lower Upper
 172 100
 171 36.6 25.8 38.6
 170 25.4 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: 8.64 ng

RT: 13.89 min Scan# 824

Delta R.T. 0.00 min

Lab File: BM001191.D

Acq: 04 May 2015 19:36

Instrument :

BNA_M

ClientSampleId :

PB83178BS

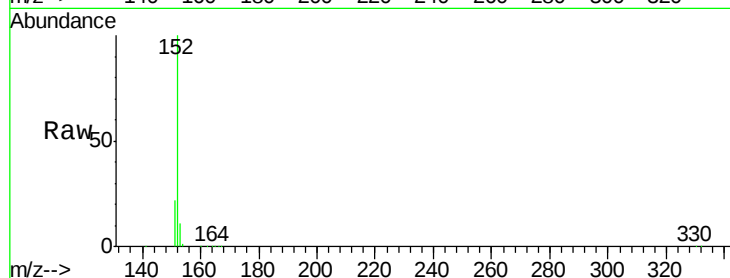
Tgt Ion:152 Resp: 150527

Ion Ratio Lower Upper

152 100

151 19.3 0.0 0.0#

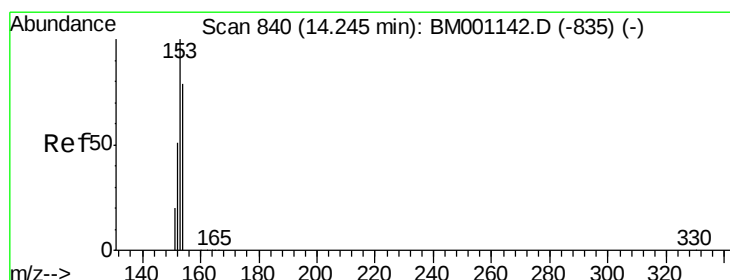
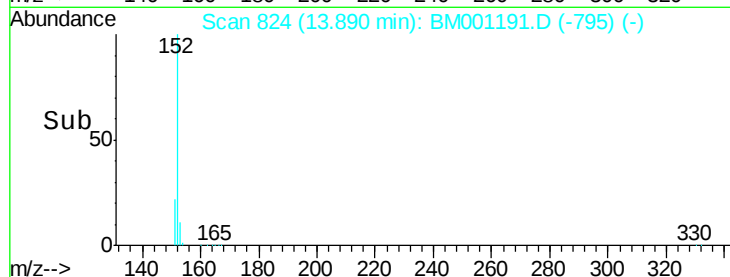
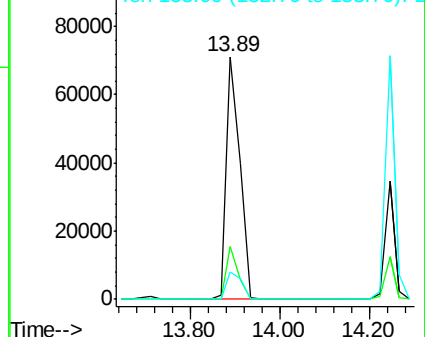
153 12.8 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 8.83 ng

RT: 14.24 min Scan# 840

Delta R.T. 0.00 min

Lab File: BM001191.D

Acq: 04 May 2015 19:36

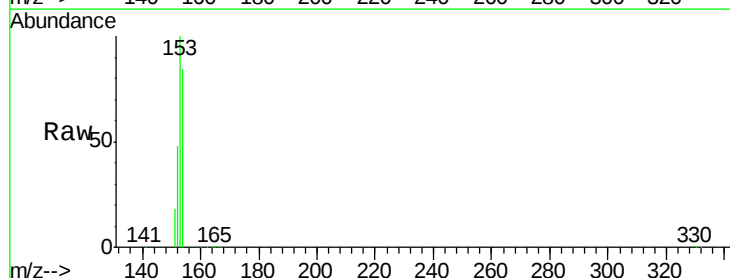
Tgt Ion:154 Resp: 106311

Ion Ratio Lower Upper

154 100

153 101.3 90.6 136.0

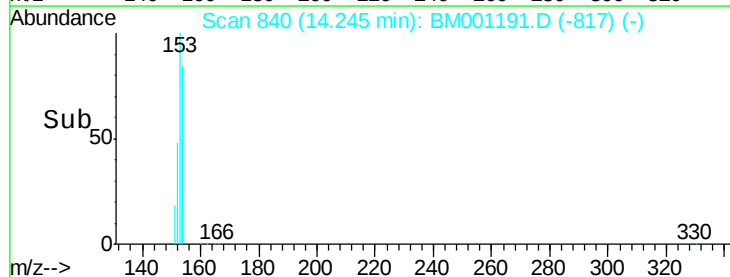
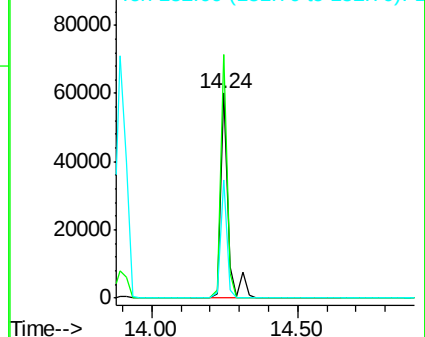
152 48.7 45.0 67.4

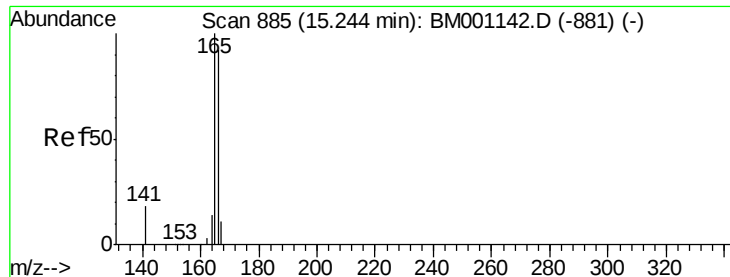


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 9.21 ng

RT: 15.24 min Scan# 885

Delta R.T. 0.00 min

Lab File: BM001191.D

Acq: 04 May 2015 19:36

Instrument :

BNA_M

ClientSampleId :

PB83178BS

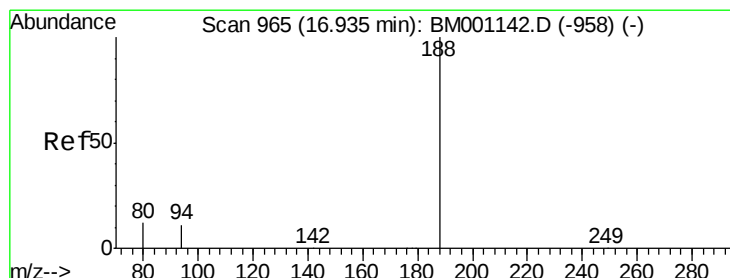
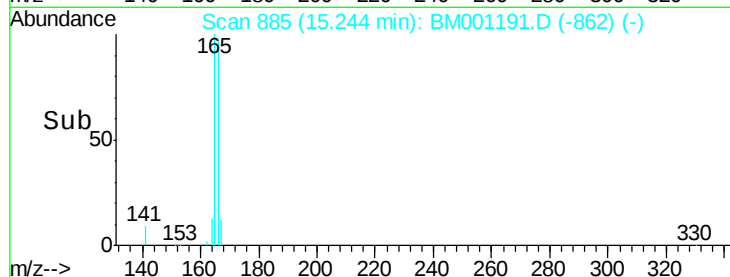
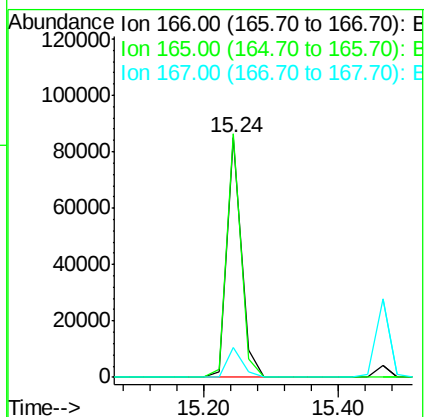
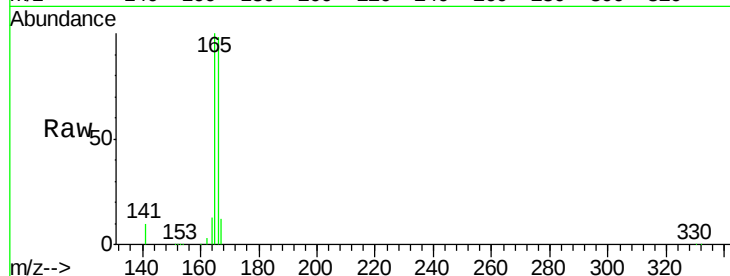
Tgt Ion:166 Resp: 128653

Ion Ratio Lower Upper

166 100

165 99.1 81.0 121.6

167 13.0 10.4 15.6



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.94 min Scan# 965

Delta R.T. 0.00 min

Lab File: BM001191.D

Acq: 04 May 2015 19:36

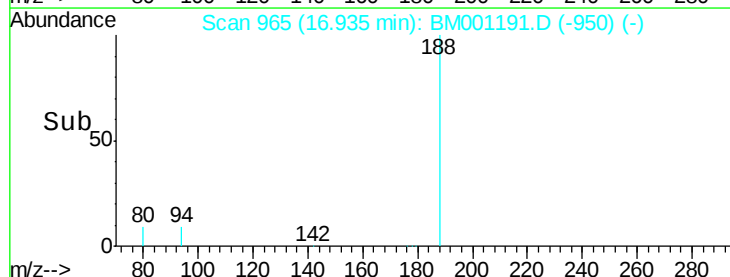
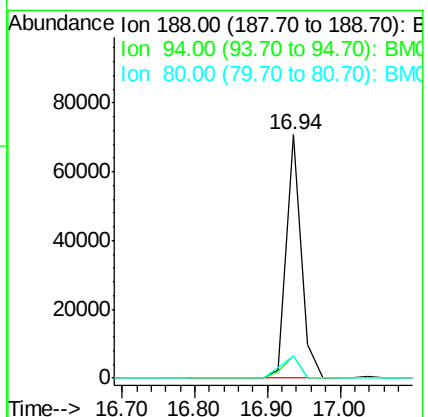
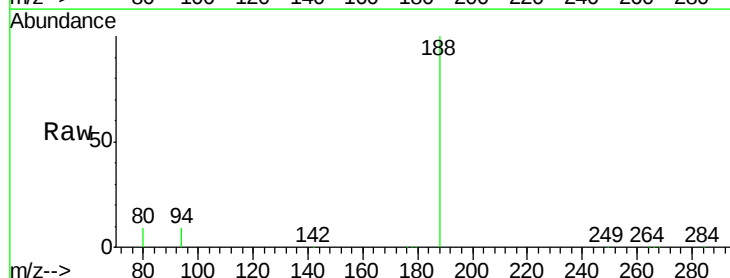
Tgt Ion:188 Resp: 102198

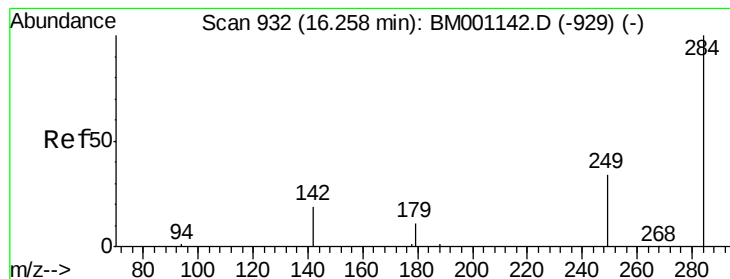
Ion Ratio Lower Upper

188 100

94 9.0 9.3 13.9#

80 9.0 9.8 14.6#

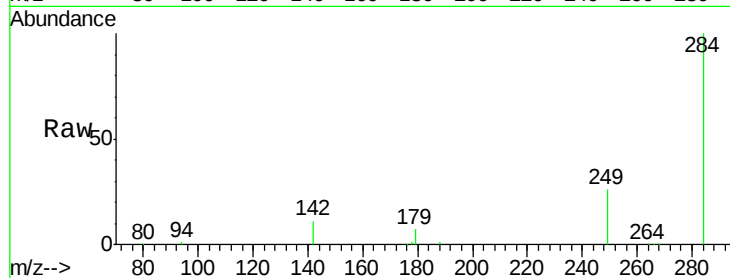




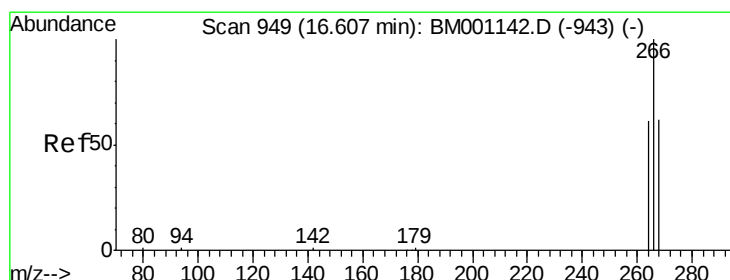
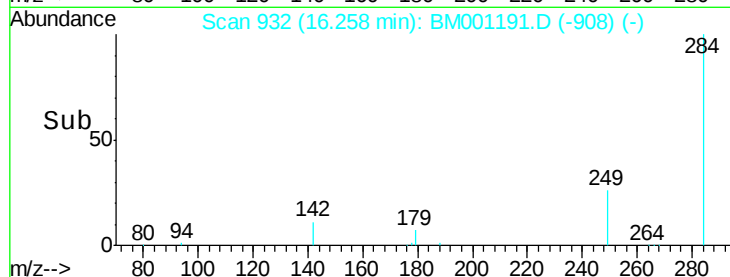
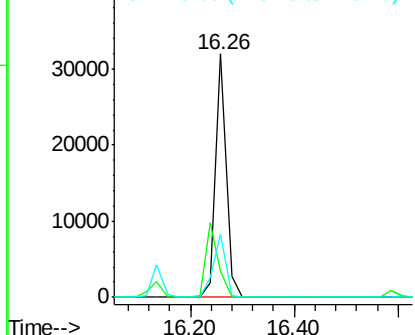
#19
Hexachlorobenzene
Concen: 8.16 ng
RT: 16.26 min Scan# 932
Delta R.T. 0.00 min
Lab File: BM001191.D
Acq: 04 May 2015 19:36

Instrument :
BNA_M
ClientSampleId :
PB83178BS

Tgt Ion:284 Resp: 44912
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 30.0 26.5 39.7

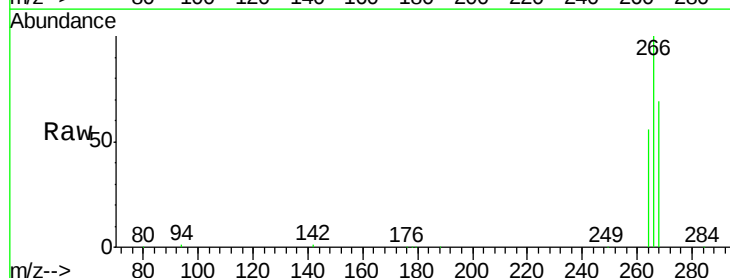


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

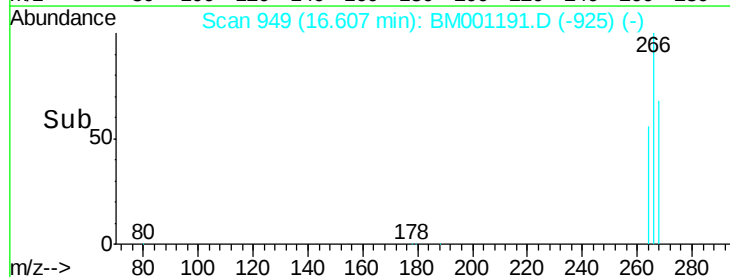
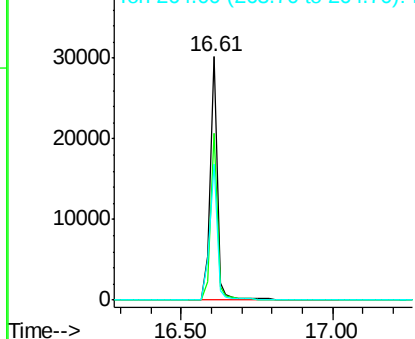


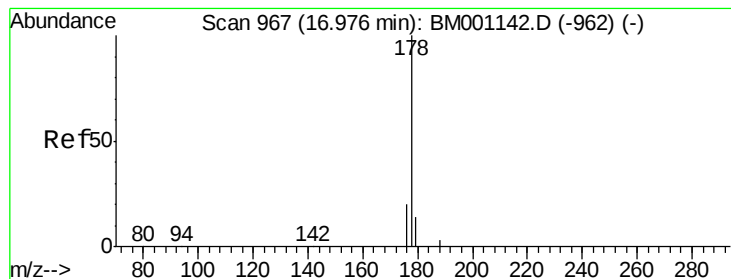
#20
Pentachlorophenol
Concen: 20.04 ng
RT: 16.61 min Scan# 949
Delta R.T. 0.00 min
Lab File: BM001191.D
Acq: 04 May 2015 19:36

Tgt Ion:266 Resp: 49196
Ion Ratio Lower Upper
266 100
268 68.5 52.6 79.0
264 56.1 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





#21

Phenanthrene

Concen: 8.02 ng

RT: 16.98 min Scan# 967

Delta R.T. 0.00 min

Lab File: BM001191.D

Acq: 04 May 2015 19:36

Instrument :

BNA_M

ClientSampleId :

PB83178BS

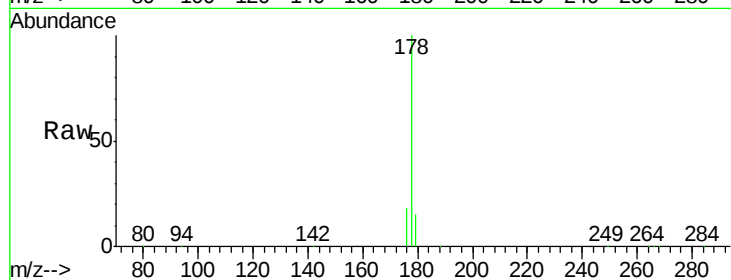
Tgt Ion:178 Resp: 211109

Ion Ratio Lower Upper

178 100

176 18.6 15.5 23.3

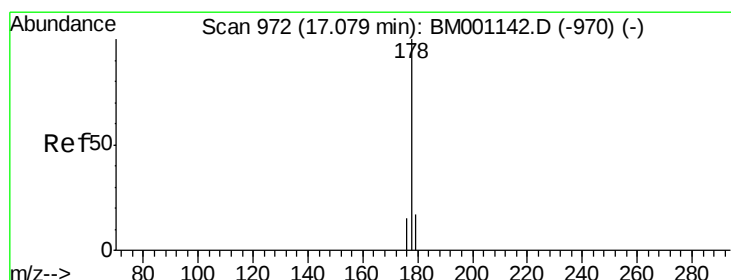
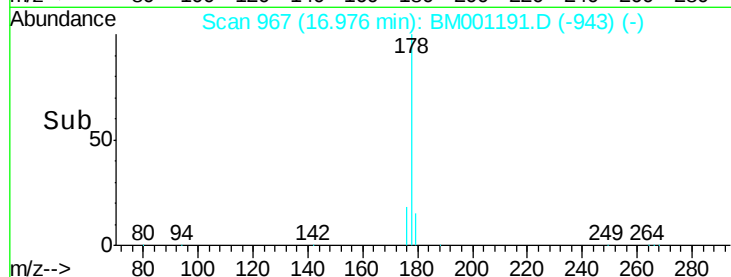
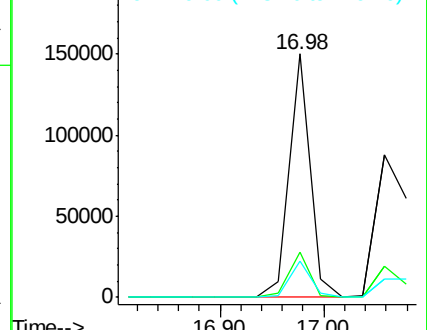
179 15.2 12.0 18.0



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: 9.71 ng

RT: 16.98 min Scan# 967

Delta R.T. -0.08 min

Lab File: BM001191.D

Acq: 04 May 2015 19:36

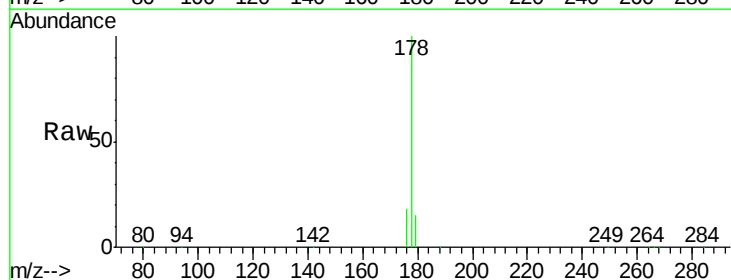
Tgt Ion:178 Resp: 211109

Ion Ratio Lower Upper

178 100

176 18.6 14.3 21.5

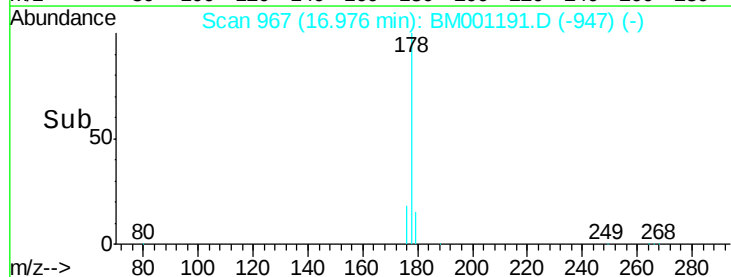
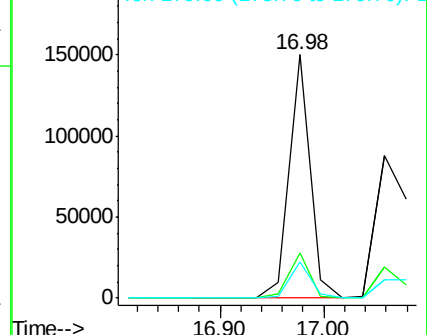
179 15.2 12.2 18.2

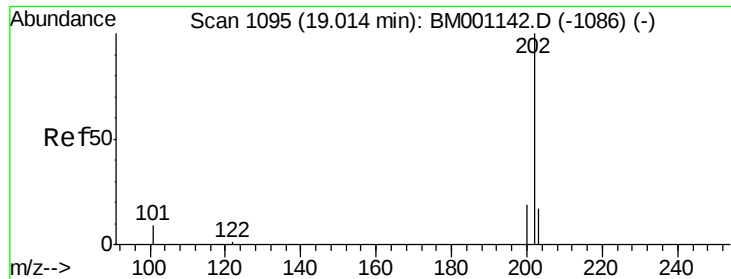


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

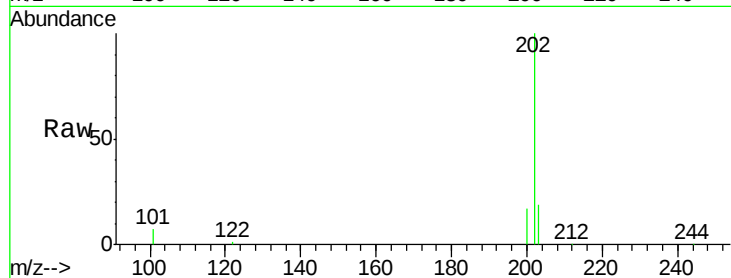




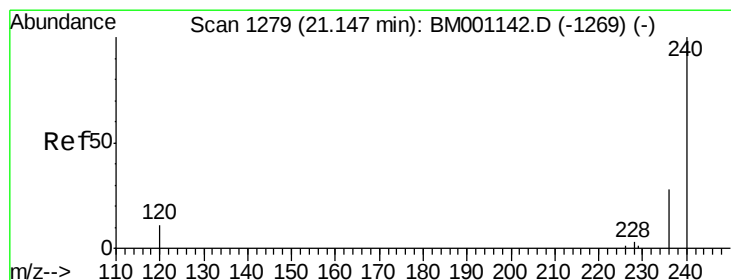
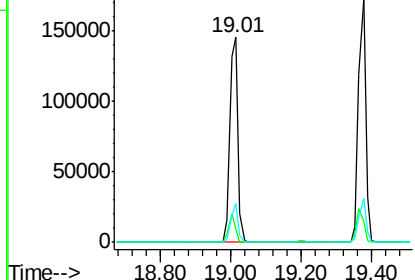
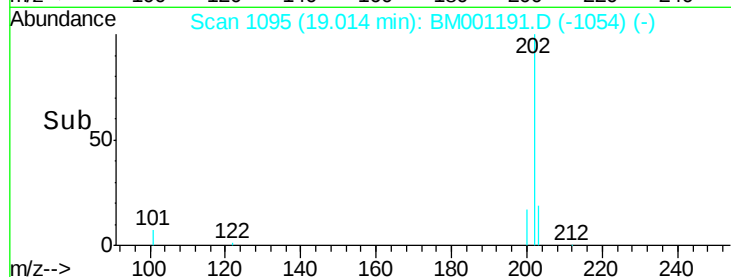
#23
 Fluoranthene
 Concen: 8.69 ng
 RT: 19.01 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BM001191.D
 Acq: 04 May 2015 19:36

Instrument :
 BNA_M
 ClientSampleId :
 PB83178BS

Tgt Ion: 202 Resp: 231542
 Ion Ratio Lower Upper
 202 100
 101 11.6 9.3 13.9
 203 17.3 13.7 20.5

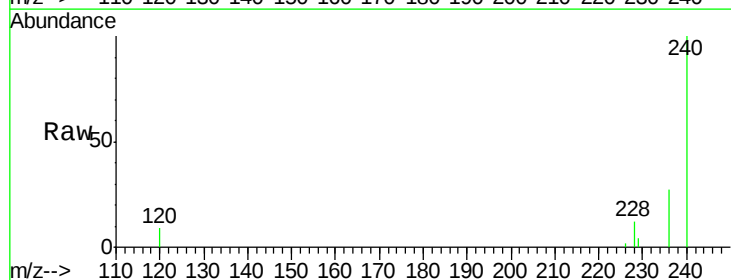


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

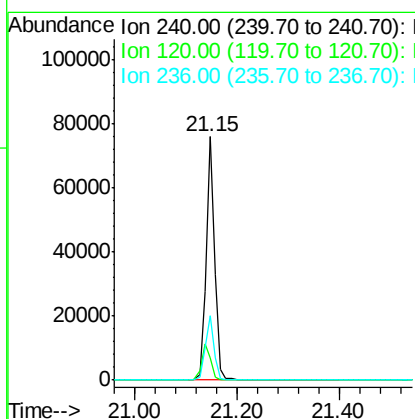
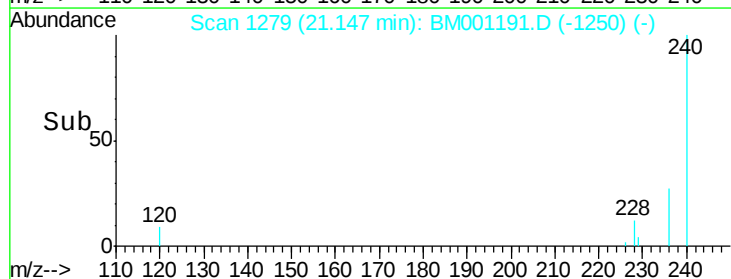


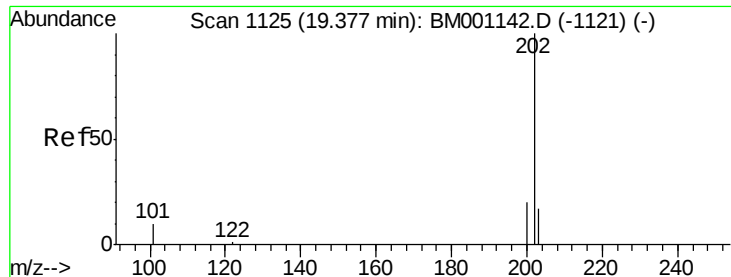
#24
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.15 min Scan# 1279
 Delta R.T. 0.00 min
 Lab File: BM001191.D
 Acq: 04 May 2015 19:36

Tgt Ion: 240 Resp: 89765
 Ion Ratio Lower Upper
 240 100
 120 9.3 9.2 13.8
 236 26.7 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

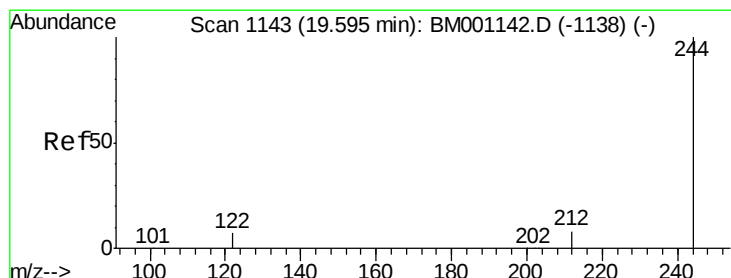
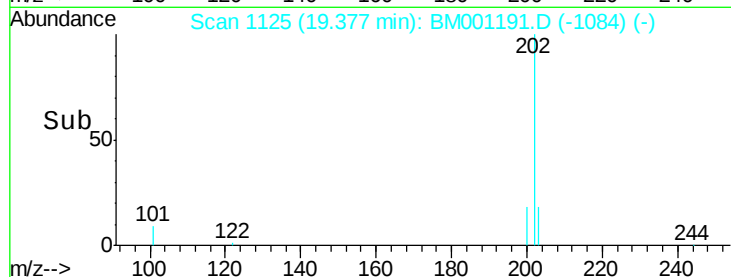
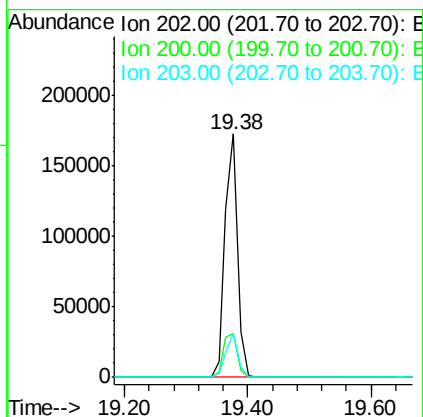
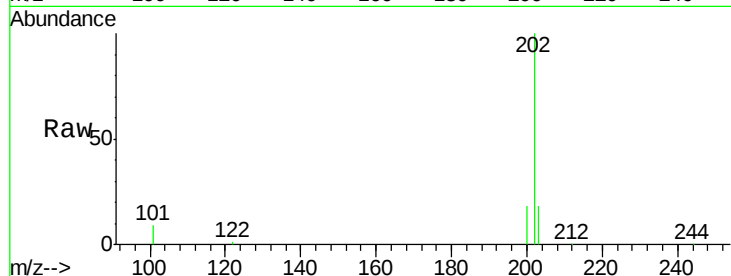




#25
 Pyrene
 Concen: 8.77 ng
 RT: 19.38 min Scan# 1125
 Delta R.T. 0.00 min
 Lab File: BM001191.D
 Acq: 04 May 2015 19:36

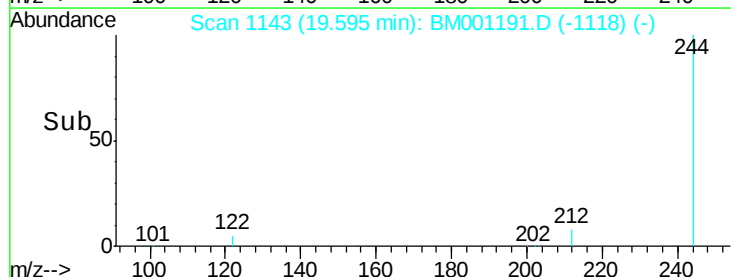
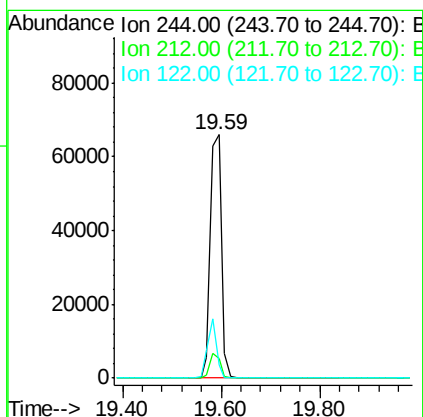
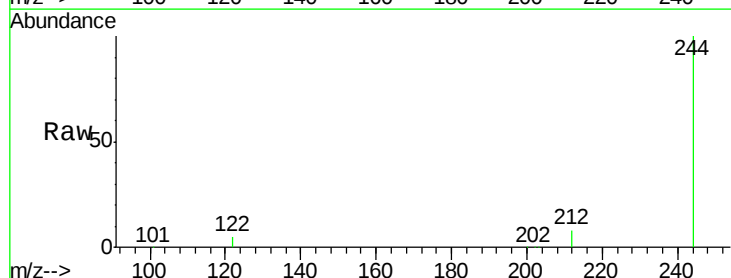
Instrument :
 BNA_M
 ClientSampleId :
 PB83178BS

Tgt Ion: 202 Resp: 246097
 Ion Ratio Lower Upper
 202 100
 200 20.3 16.4 24.6
 203 17.7 13.8 20.6



#26
 Terphenyl-d14
 Concen: 8.36 ng
 RT: 19.59 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: BM001191.D
 Acq: 04 May 2015 19:36

Tgt Ion: 244 Resp: 103421
 Ion Ratio Lower Upper
 244 100
 212 8.1 7.1 10.7
 122 5.2 6.2 9.4#





#27

Benzo(a)anthracene

Concen: 8.62 ng

RT: 21.13 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BM001191.D

Acq: 04 May 2015 19:36

Instrument :

BNA_M

ClientSampleId :

PB83178BS

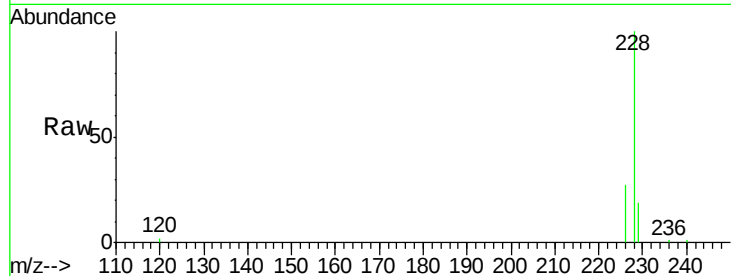
Tgt Ion:228 Resp: 218092

Ion Ratio Lower Upper

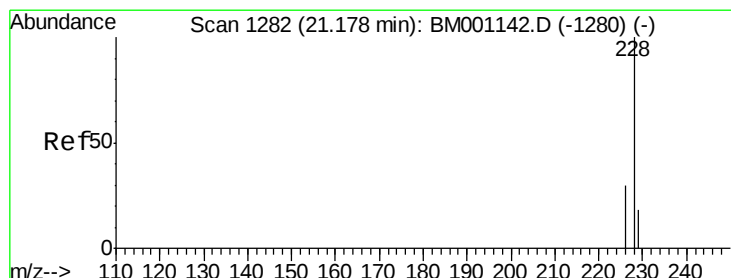
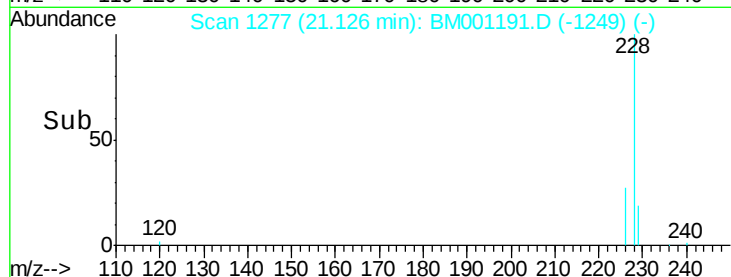
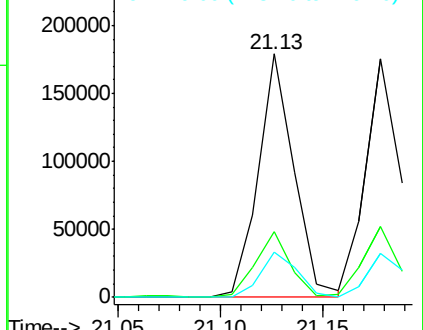
228 100

226 26.9 22.8 34.2

229 18.6 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: 8.26 ng

RT: 21.18 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BM001191.D

Acq: 04 May 2015 19:36

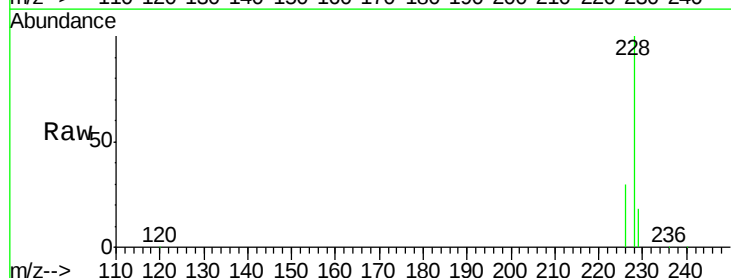
Tgt Ion:228 Resp: 205188

Ion Ratio Lower Upper

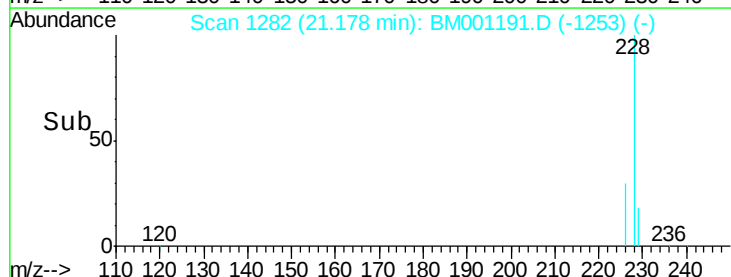
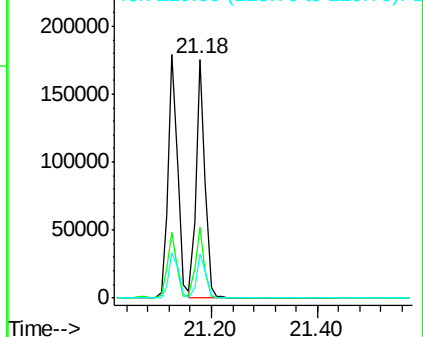
228 100

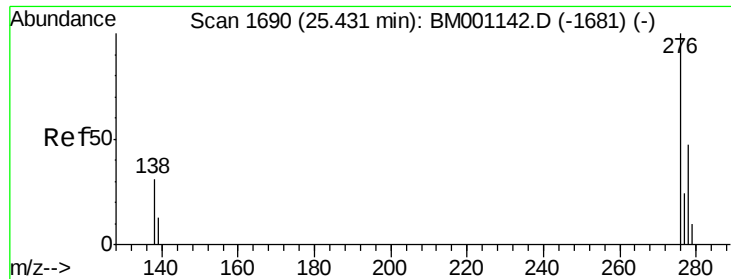
226 29.7 24.4 36.6

229 18.4 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: 7.49 ng

RT: 25.43 min Scan# 1690

Delta R.T. 0.00 min

Lab File: BM001191.D

Acq: 04 May 2015 19:36

Instrument :

BNA_M

ClientSampleId :

PB83178BS

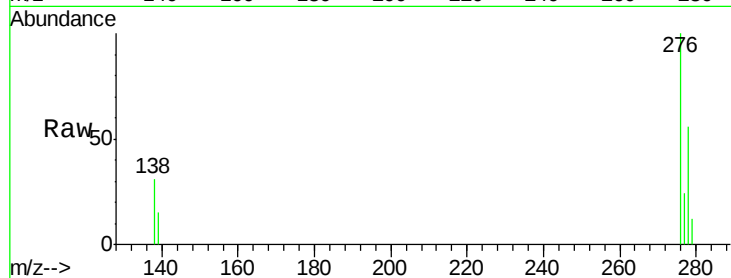
Tgt Ion: 276 Resp: 169616

Ion Ratio Lower Upper

276 100

138 31.1 24.2 36.4

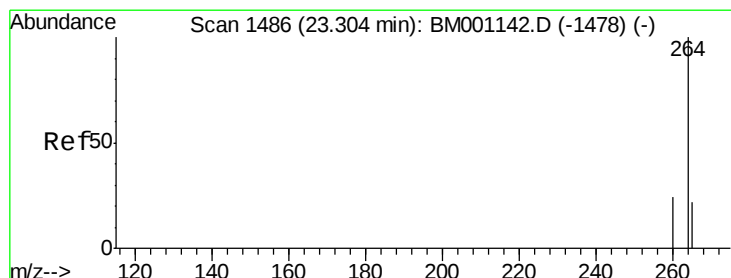
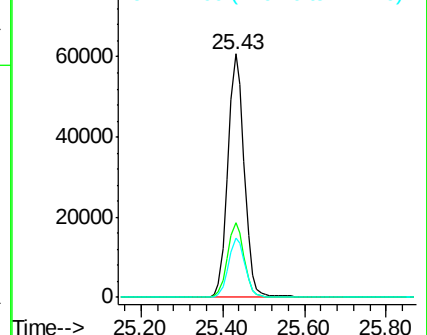
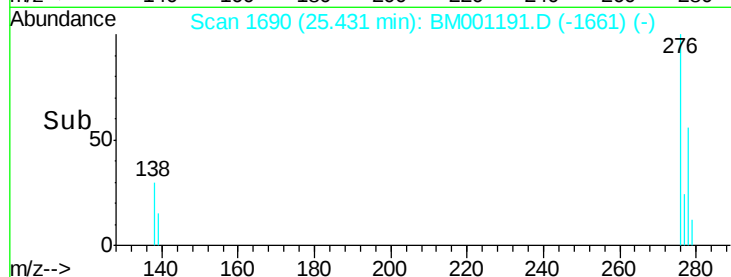
277 24.5 19.8 29.6



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. 0.00 min

Lab File: BM001191.D

Acq: 04 May 2015 19:36

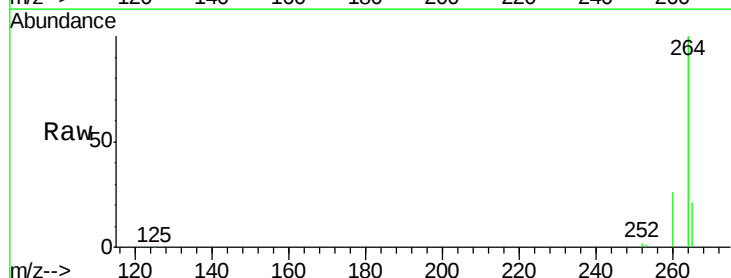
Tgt Ion: 264 Resp: 73813

Ion Ratio Lower Upper

264 100

260 25.7 18.9 28.3

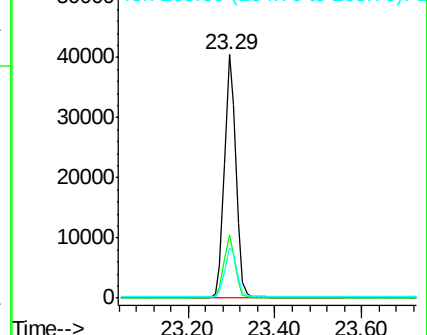
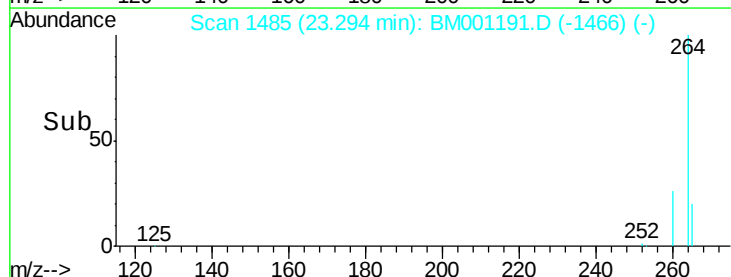
265 20.9 18.1 27.1

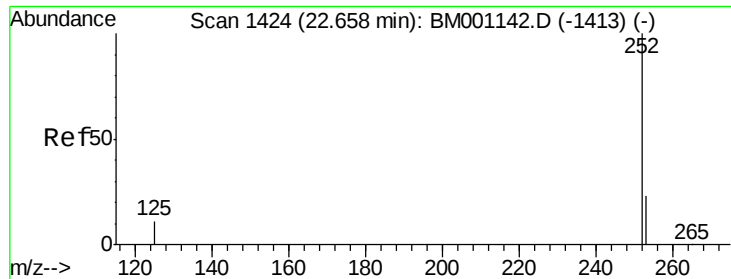


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

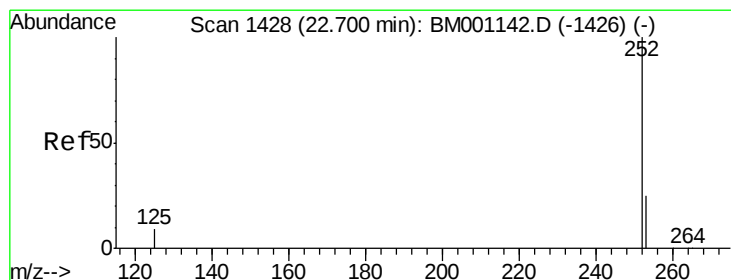
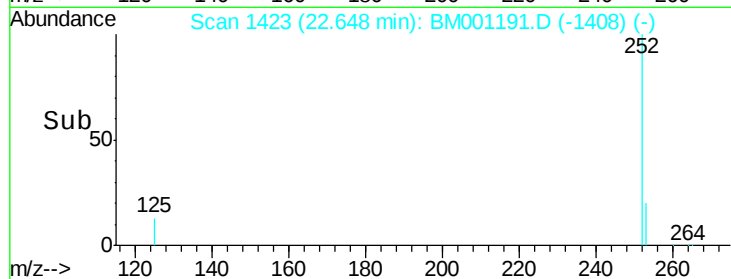
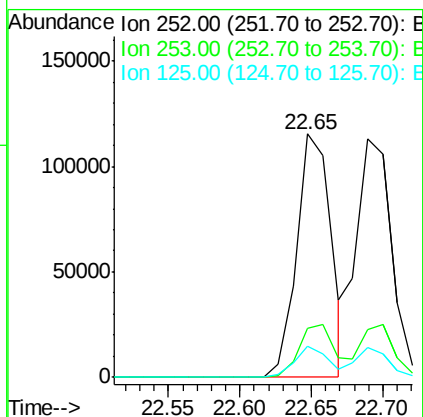
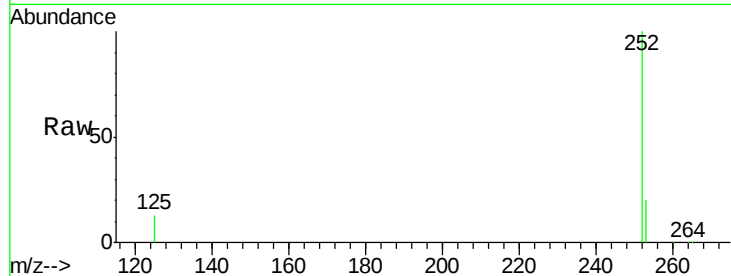




#31
Benzo(b)fluoranthene
Concen: 8.43 ng
RT: 22.65 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BM001191.D
Acq: 04 May 2015 19:36

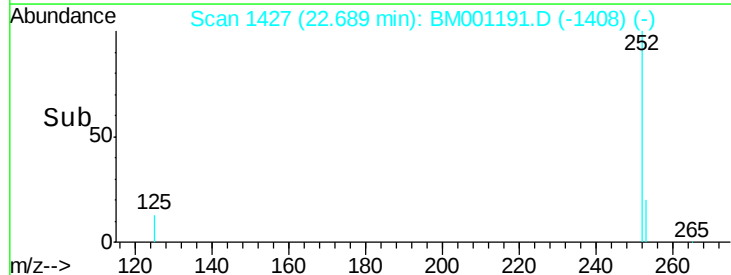
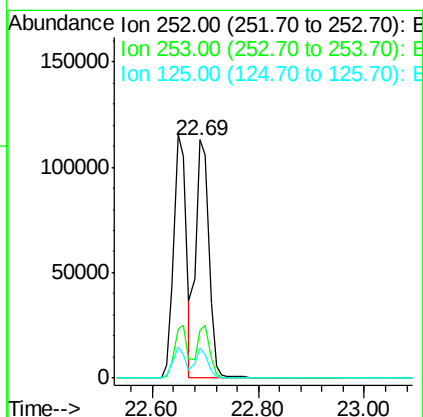
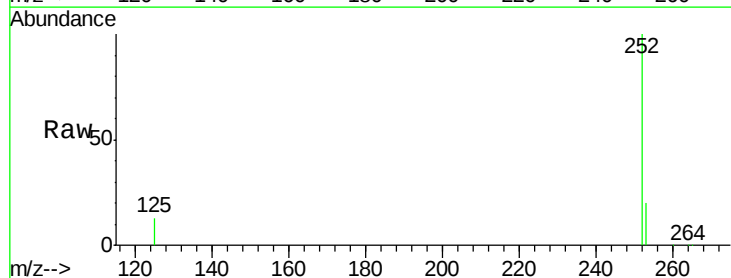
Instrument :
BNA_M
ClientSampleId :
PB83178BS

Tgt Ion: 252 Resp: 191693
Ion Ratio Lower Upper
252 100
253 20.1 19.0 28.4
125 12.8 9.1 13.7



#32
Benzo(k)fluoranthene
Concen: 9.15 ng
RT: 22.69 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BM001191.D
Acq: 04 May 2015 19:36

Tgt Ion: 252 Resp: 194834
Ion Ratio Lower Upper
252 100
253 20.2 19.1 28.7
125 12.7 9.3 13.9





#33

Benzo(a)pyrene

Concen: 9.30 ng

RT: 23.20 min Scan# 1476

Delta R.T. 0.00 min

Lab File: BM001191.D

Acq: 04 May 2015 19:36

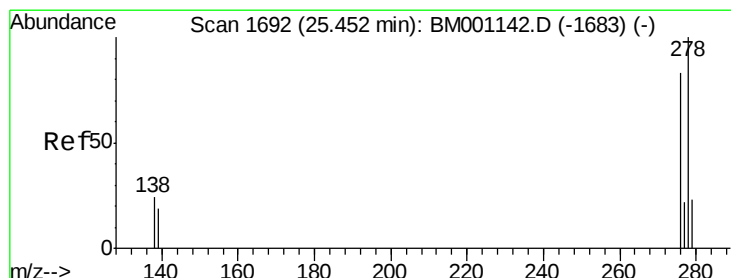
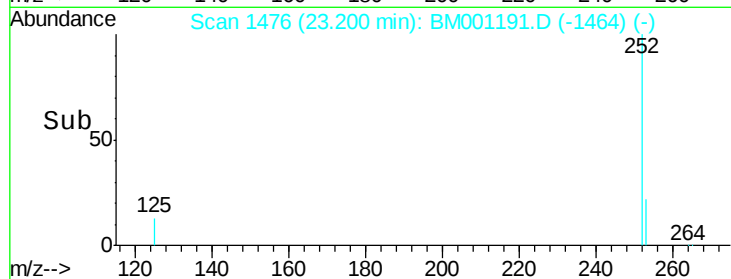
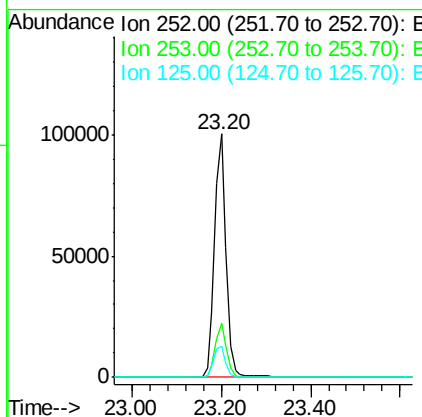
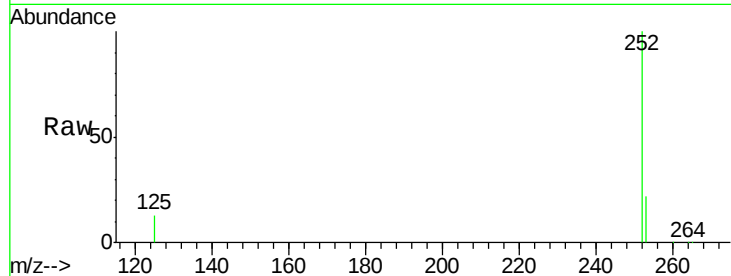
Instrument :

BNA_M

ClientSampleId :

PB83178BS

Tgt Ion:	252	Resp:	178313
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.2	27.2
125	12.6	10.6	16.0



#34

Dibenzo(a,h)anthracene

Concen: 8.09 ng

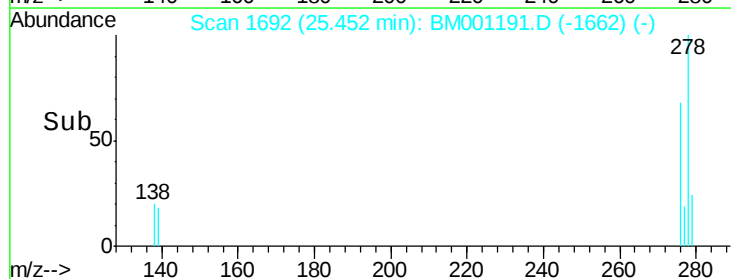
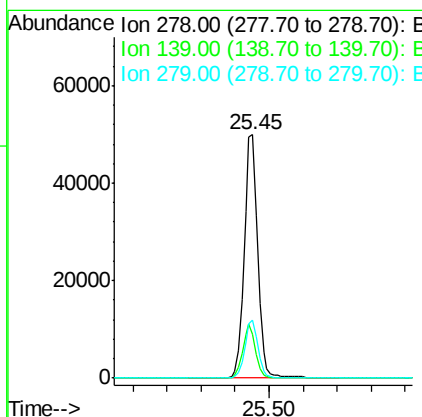
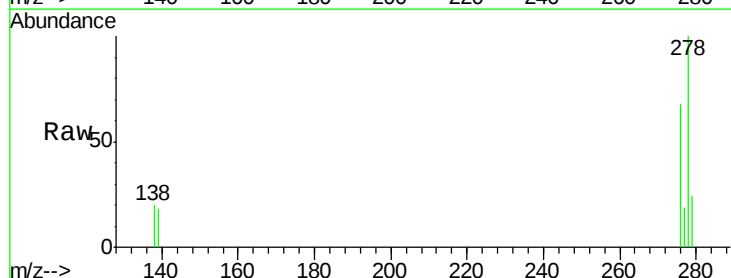
RT: 25.45 min Scan# 1692

Delta R.T. 0.01 min

Lab File: BM001191.D

Acq: 04 May 2015 19:36

Tgt Ion:	278	Resp:	136070
Ion Ratio	Lower	Upper	
278	100		
139	17.9	15.5	23.3
279	24.0	19.7	29.5





#35

Benzo(g,h,i)perylene

Concen: 7.75 ng

RT: 26.09 min Scan# 1753

Delta R.T. 0.00 min

Lab File: BM001191.D

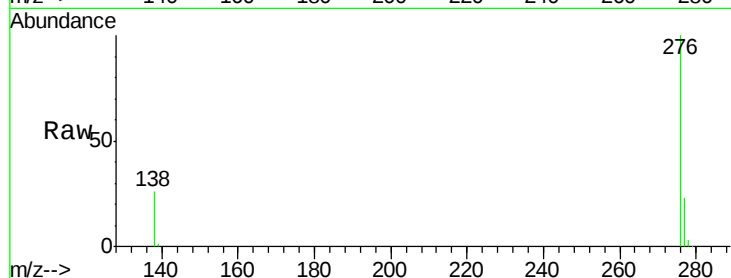
Acq: 04 May 2015 19:36

Instrument :

BNA_M

ClientSampleId :

PB83178BS



Tgt Ion: 276 Resp: 137475

Ion Ratio Lower Upper

276 100

277 23.4 19.0 28.4

138 25.7 21.3 31.9

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

