

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030516\
 Data File : BM004567.D
 Acq On : 05 Mar 2016 21:43
 Operator : SJ/UM
 Sample : PB88683BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB88683BL

Quant Time: Mar 07 07:56:48 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM030516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 07 07:54:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	21525	5.00	ng	0.00
7) Naphthalene-d8	10.06	136	79000	5.00	ng	0.00
13) Acenaphthene-d10	13.97	164	44109	5.00	ng	0.00
19) Phenanthrene-d10	16.73	188	100800	5.00	ng	0.00
25) Chrysene-d12	20.98	240	99541	5.00	ng	0.00
34) Perylene-d12	23.09	264	89334	5.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	4.99	112	35278	6.92	ng	-0.02
5) Phenol-d6	6.61	99	41387	6.77	ng	-0.02
8) Nitrobenzene-d5	8.48	82	16159	3.83	ng	0.01
14) 2,4,6-Tribromophenol	15.50	330	11117	6.71	ng	0.00
15) 2-Fluorobiphenyl	12.59	172	56809	4.02	ng	0.01
28) Terphenyl-d14	19.41	244	50956	3.40	ng	0.00

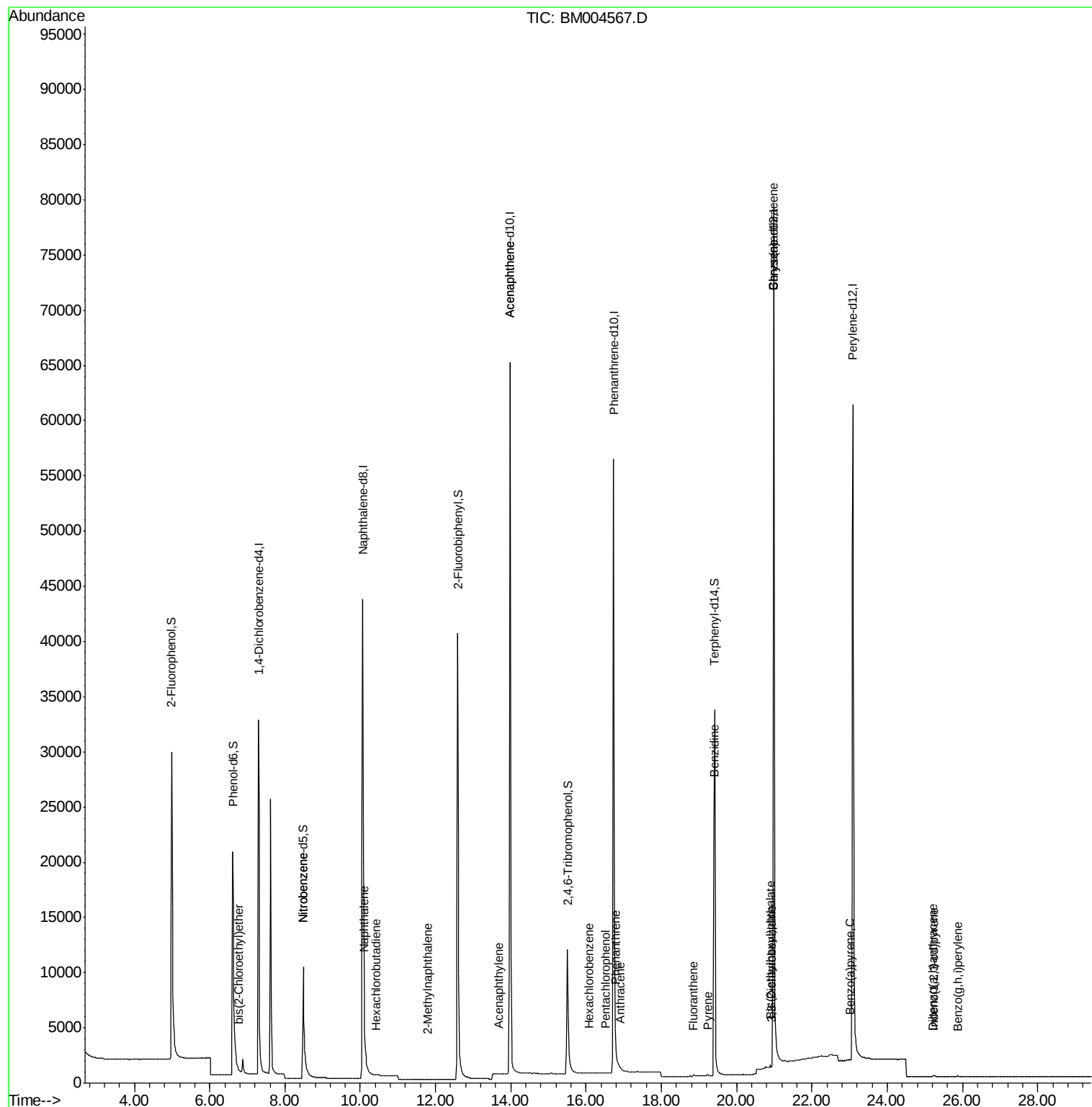
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) bis(2-Chloroethyl)ether	6.76	93	10	0.00	ng	# 52
9) Nitrobenzene	8.48	77	56	0.01	ng	# 100
10) Naphthalene	10.10	128	173	0.01	ng	# 15
11) Hexachlorobutadiene	10.42	225	1	0.00	ng	# 100
12) 2-Methylnaphthalene	11.79	142	35	0.00	ng	# 48
16) Acenaphthylene	13.68	152	76	0.04	ng	# 26
17) Acenaphthene	13.97	154	198	0.07	ng	# 100
18) Fluorene	15.06	166	47	Below Cal		# 50
20) Hexachlorobenzene	16.07	284	535	0.00	ng	# 100
21) Pentachlorophenol	16.53	266	6	0.08	ng	# 75
22) Phenanthrene	16.78	178	242	0.02	ng	# 100
23) Anthracene	16.91	178	58	0.21	ng	# 100
24) Fluoranthene	18.85	202	249	0.04	ng	# 90
26) Benzidine	19.40	184	1081	0.50	ng	# 98
27) Pyrene	19.23	202	228	0.05	ng	# 85
29) Benzo(a)anthracene	20.98	228	1033	0.03	ng	# 66
30) 3,3'-Dichlorobenzidine	20.94	252	2882	0.43	ng	# 67
31) Chrysene	20.98	228	1076	0.09	ng	# 68
32) Bis(2-ethylhexyl)phthalate	20.90	149	386	0.04	ng	# 43
33) Indeno(1,2,3-cd)pyrene	25.24	276	276	0.11	ng	# 77
35) Benzo(a)pyrene	23.01	252	144	0.01	ng	# 1
36) Dibenzo(a,h)anthracene	25.23	278	232	0.01	ng	# 1
37) Benzo(g,h,i)perylene	25.87	276	236	0.01	ng	# 1

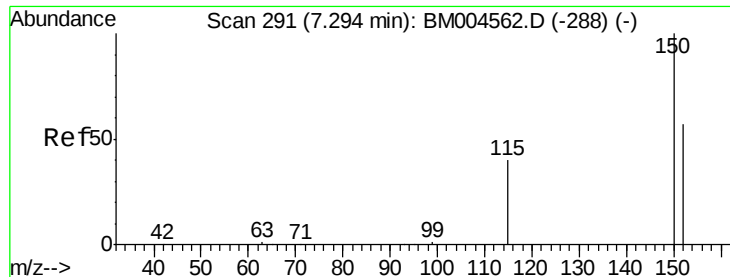
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.29 min Scan# 291

Delta R.T. 0.00 min

Lab File: BM004567.D

Acq: 05 Mar 2016 21:43

Instrument :

BNA_M

ClientSampleId :

PB88683BL

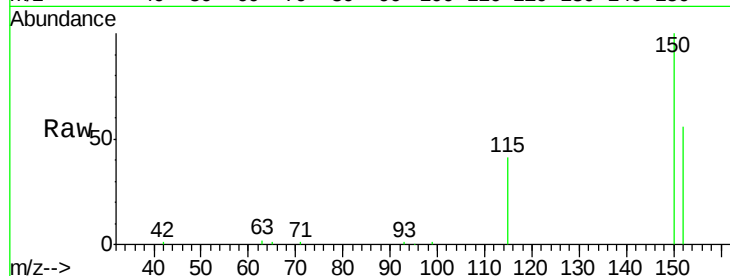
Tgt Ion:152 Resp: 21525

Ion Ratio Lower Upper

152 100

150 177.8 140.1 210.1

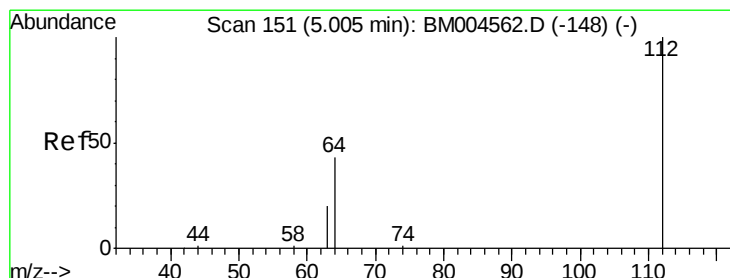
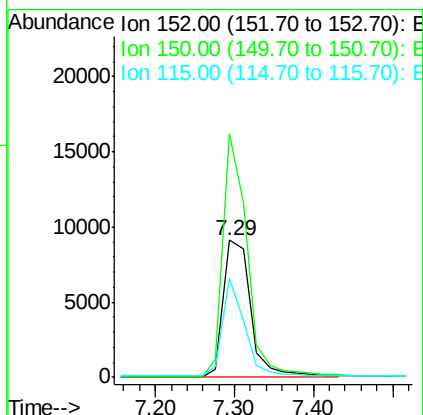
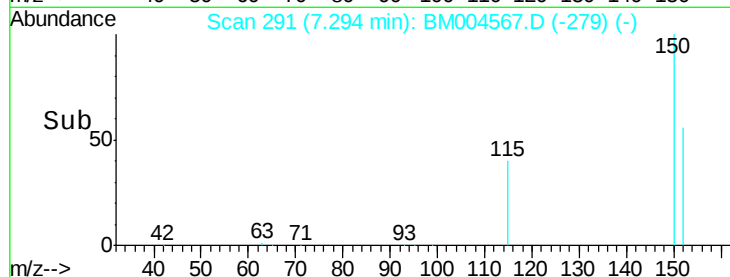
115 72.3 56.1 84.1



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



#4

2-Fluorophenol

Concen: 6.92 ng

RT: 4.99 min Scan# 150

Delta R.T. -0.02 min

Lab File: BM004567.D

Acq: 05 Mar 2016 21:43

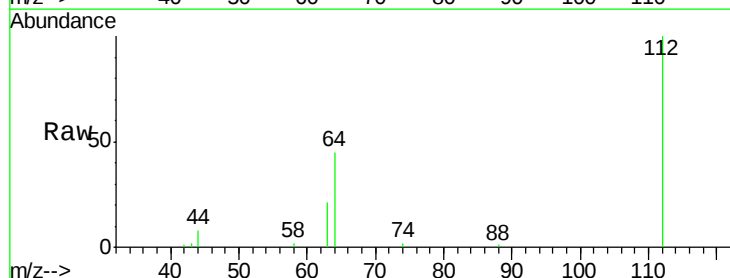
Tgt Ion:112 Resp: 35278

Ion Ratio Lower Upper

112 100

64 47.4 0.0 0.0#

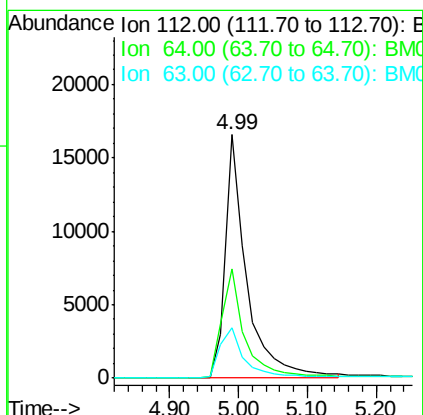
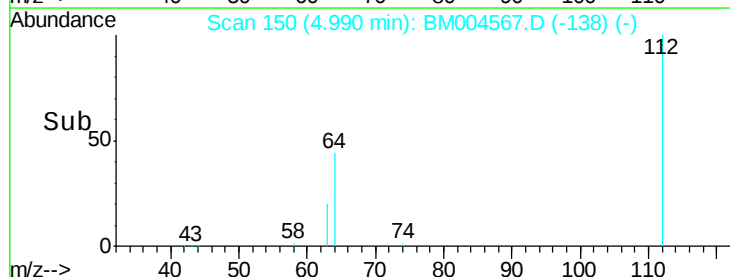
63 23.1 0.0 0.0#

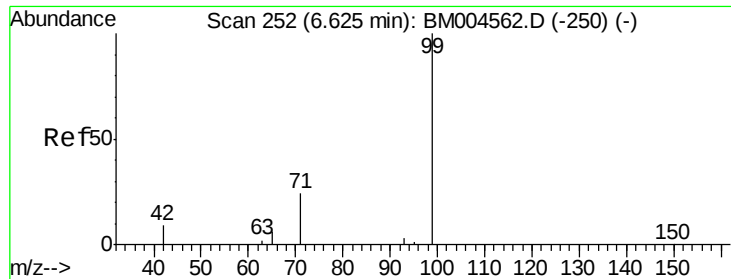


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 6.77 ng

RT: 6.61 min Scan# 251

Delta R.T. -0.02 min

Lab File: BM004567.D

Acq: 05 Mar 2016 21:43

Instrument :

BNA_M

ClientSampleId :

PB88683BL

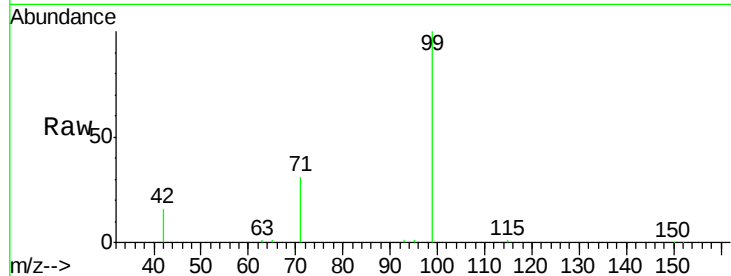
Tgt Ion: 99 Resp: 41387

Ion Ratio Lower Upper

99 100

42 13.7 0.0 0.0#

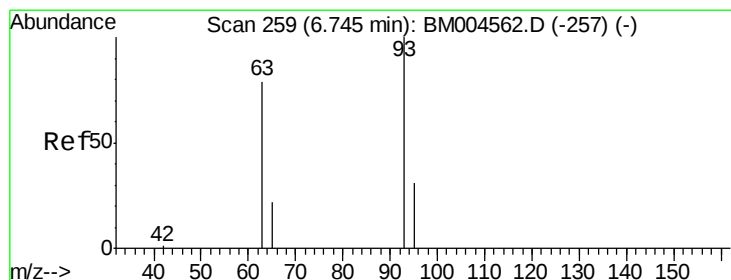
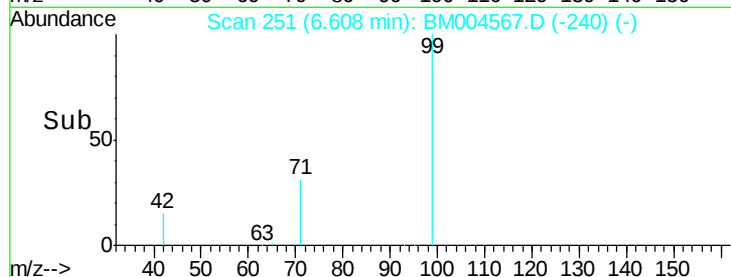
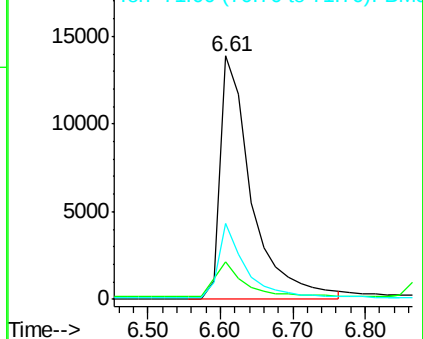
71 27.2 0.2 0.2#



Abundance Ion 99.00 (98.70 to 99.70): BM004567.D (-250) (-)

Ion 42.00 (41.70 to 42.70): BM004567.D (-250) (-)

Ion 71.00 (70.70 to 71.70): BM004567.D (-250) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.00 ng

RT: 6.76 min Scan# 260

Delta R.T. 0.02 min

Lab File: BM004567.D

Acq: 05 Mar 2016 21:43

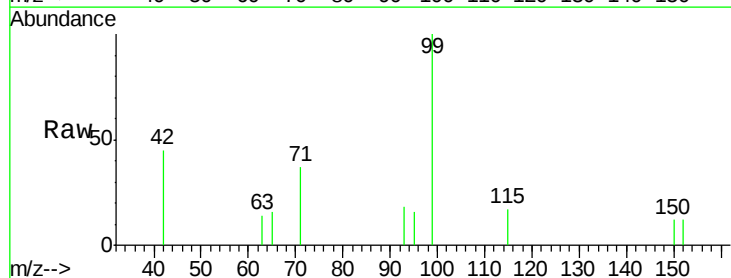
Tgt Ion: 93 Resp: 10

Ion Ratio Lower Upper

93 100

63 0.0 18.7 28.1#

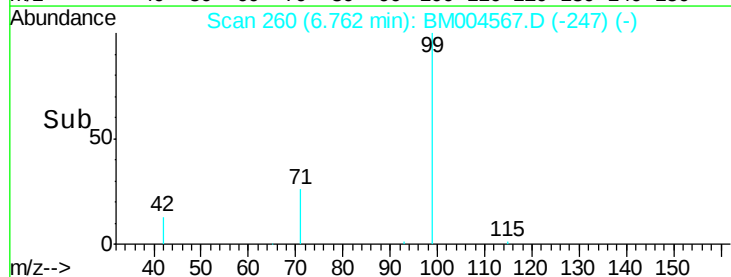
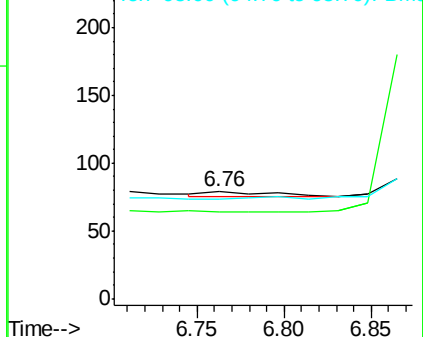
95 0.0 0.0 0.0

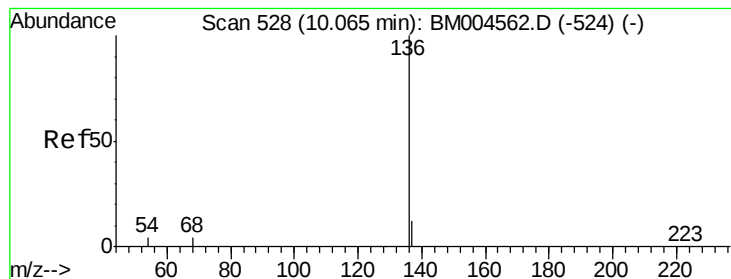


Abundance Ion 93.00 (92.70 to 93.70): BM004567.D (-257) (-)

Ion 63.00 (62.70 to 63.70): BM004567.D (-257) (-)

Ion 95.00 (94.70 to 95.70): BM004567.D (-257) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.06 min Scan# 528

Delta R.T. 0.00 min

Lab File: BM004567.D

Acq: 05 Mar 2016 21:43

Instrument :

BNA_M

ClientSampleId :

PB88683BL

Tgt Ion:136 Resp: 79000

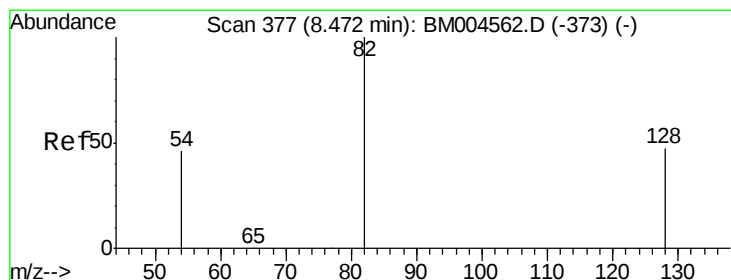
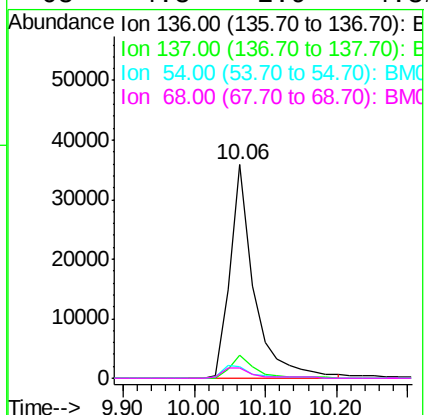
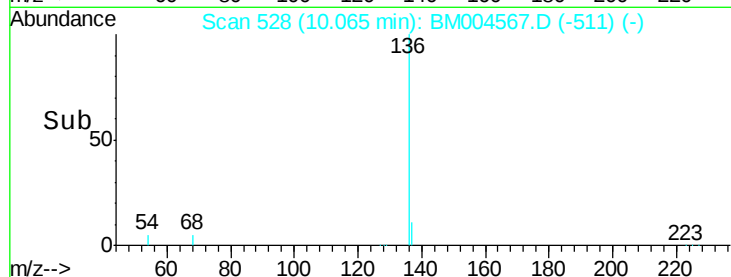
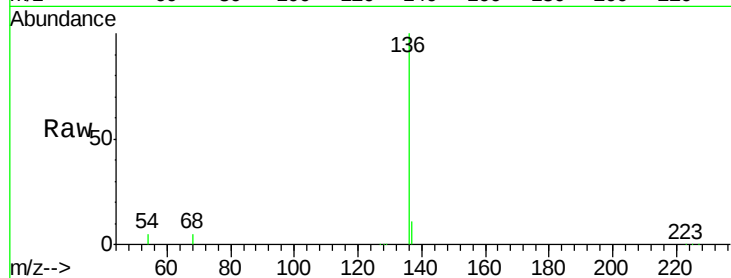
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 5.3 3.0 4.4#

68 4.8 2.9 4.3#



#8

Nitrobenzene-d5

Concen: 3.83 ng

RT: 8.48 min Scan# 378

Delta R.T. 0.01 min

Lab File: BM004567.D

Acq: 05 Mar 2016 21:43

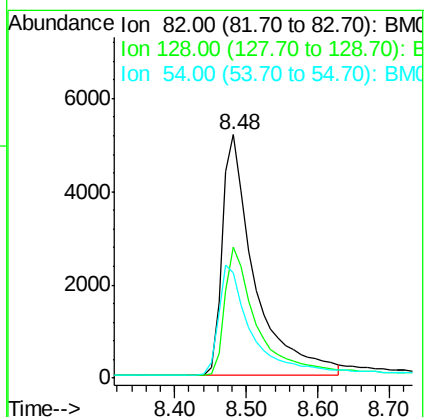
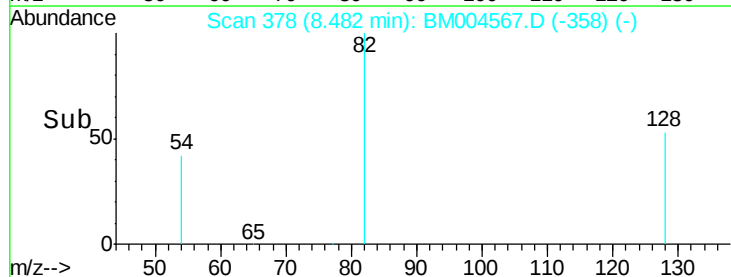
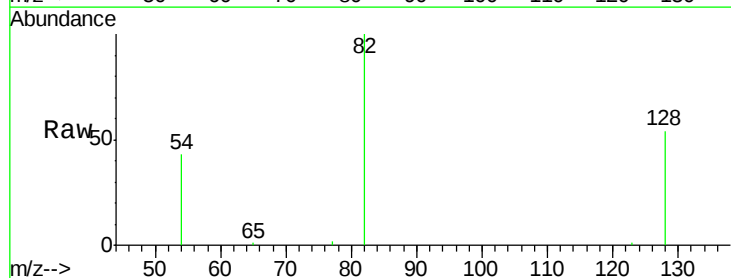
Tgt Ion: 82 Resp: 16159

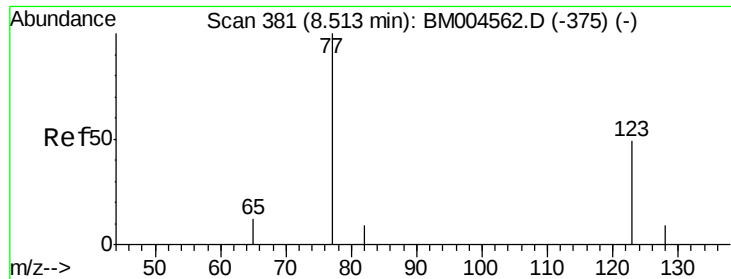
Ion Ratio Lower Upper

82 100

128 53.8 38.6 58.0

54 43.0 38.5 57.7





#9

Nitrobenzene

Concen: 0.01 ng

RT: 8.48 min Scan# 378

Delta R.T. -0.03 min

Lab File: BM004567.D

Acq: 05 Mar 2016 21:43

Instrument :

BNA_M

ClientSampled :

PB88683BL

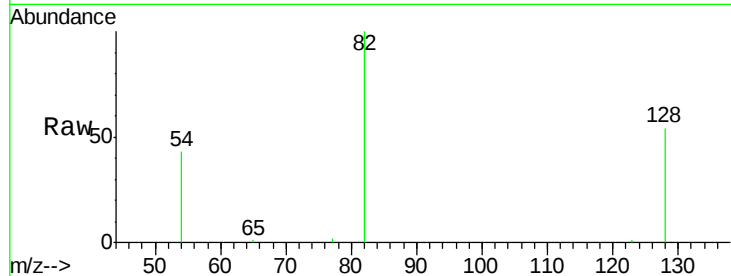
Tgt Ion: 77 Resp: 56

Ion Ratio Lower Upper

77 100

123 14.3 0.0 0.0#

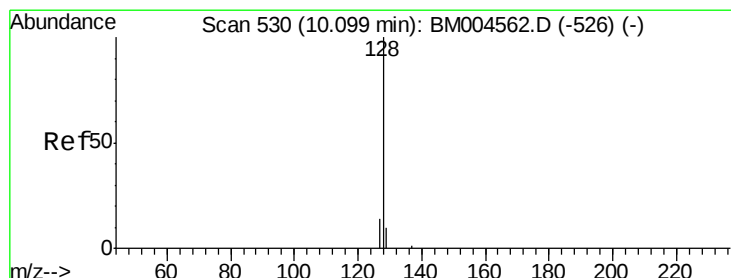
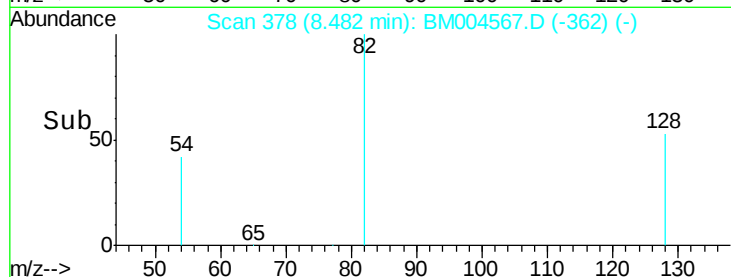
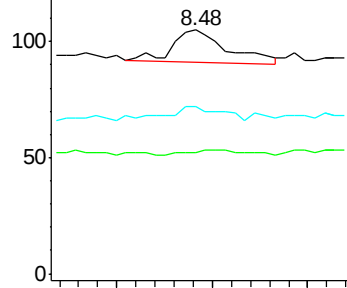
65 0.0 0.0 0.0



Abundance Ion 77.00 (76.70 to 77.70): BM004562.D (-375) (-)

Ion 123.00 (122.70 to 123.70): BM004562.D (-375) (-)

Ion 65.00 (64.70 to 65.70): BM004562.D (-375) (-)



#10

Naphthalene

Concen: 0.01 ng

RT: 10.10 min Scan# 530

Delta R.T. 0.00 min

Lab File: BM004567.D

Acq: 05 Mar 2016 21:43

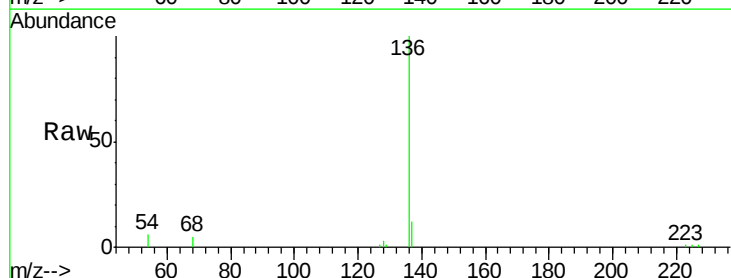
Tgt Ion: 128 Resp: 173

Ion Ratio Lower Upper

128 100

129 51.0 8.7 13.1#

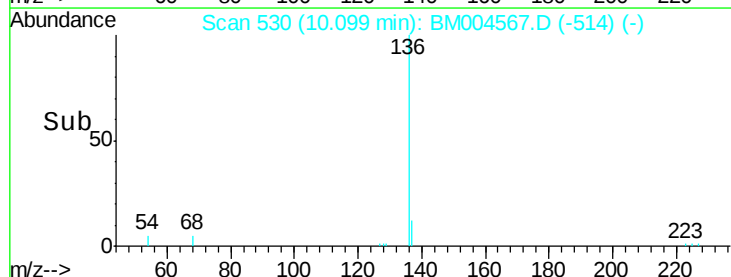
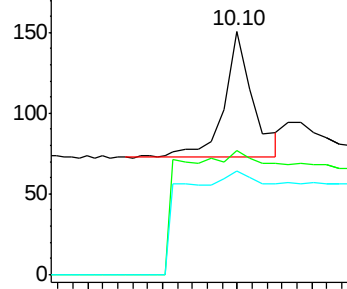
127 42.4 11.3 16.9#

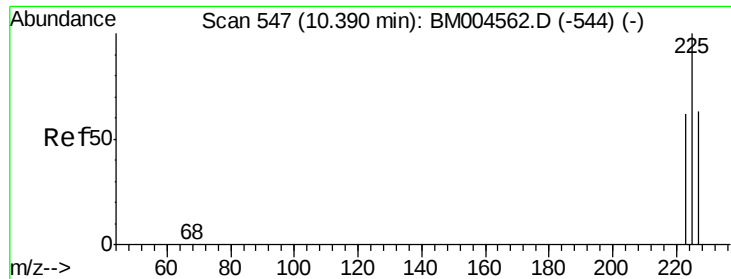


Abundance Ion 128.00 (127.70 to 128.70): BM004562.D (-526) (-)

Ion 129.00 (128.70 to 129.70): BM004562.D (-526) (-)

Ion 127.00 (126.70 to 127.70): BM004562.D (-526) (-)

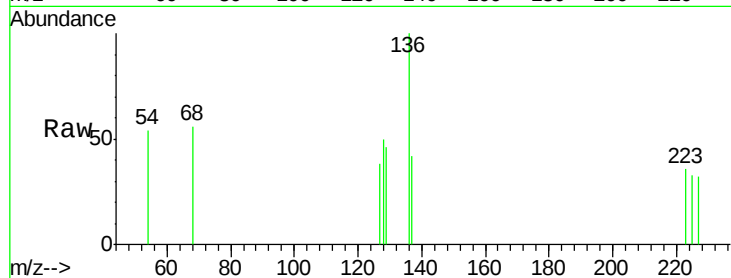




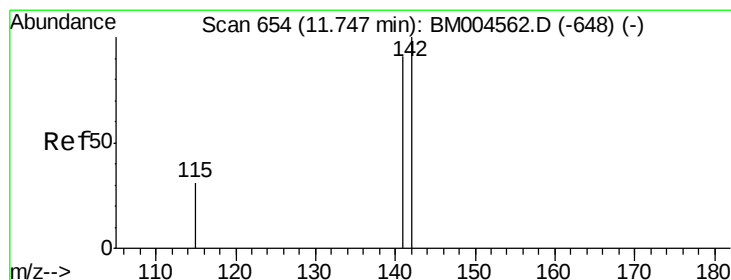
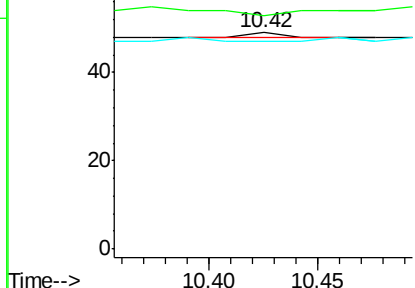
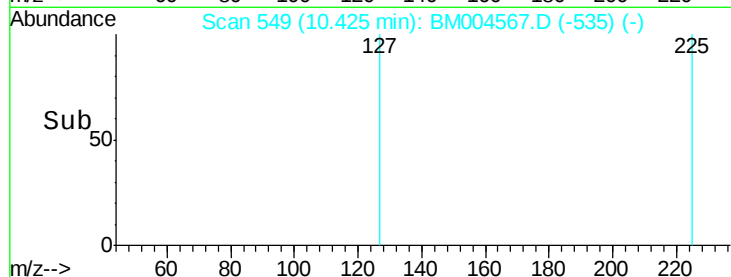
#11
Hexachlorobutadiene
Concen: 0.00 ng
RT: 10.42 min Scan# 549
Delta R.T. 0.03 min
Lab File: BM004567.D
Acq: 05 Mar 2016 21:43

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Tgt Ion: 225 Resp: 1
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 0.0 0.0 0.0

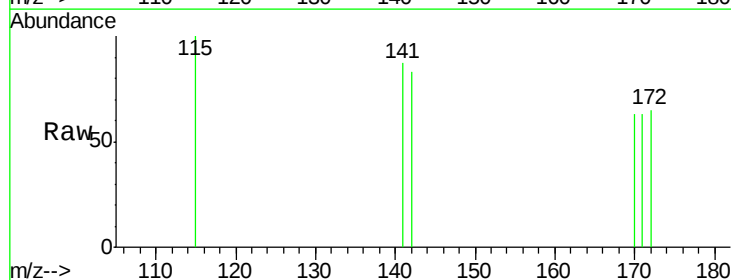


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

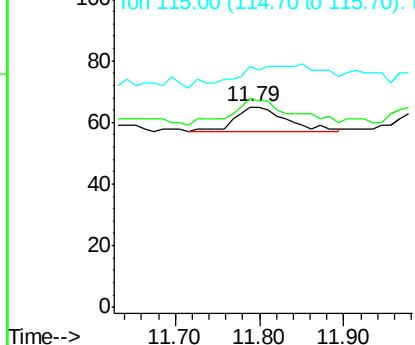
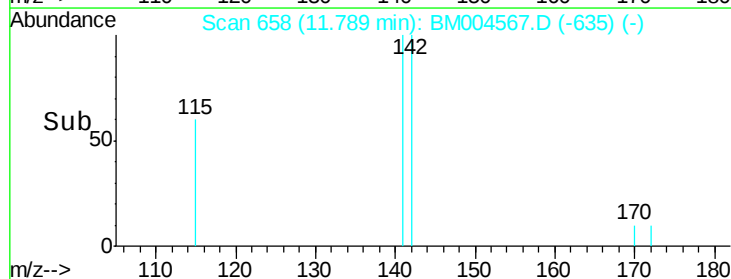


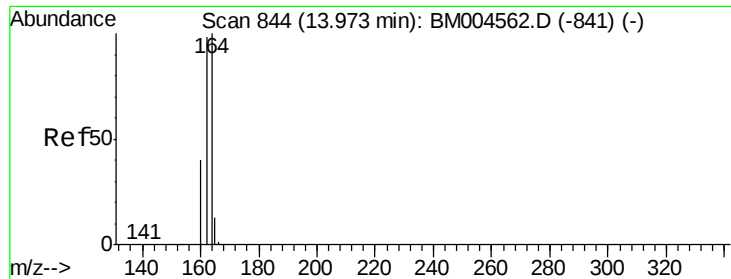
#12
2-Methylnaphthalene
Concen: 0.00 ng
RT: 11.79 min Scan# 658
Delta R.T. 0.04 min
Lab File: BM004567.D
Acq: 05 Mar 2016 21:43

Tgt Ion: 142 Resp: 35
Ion Ratio Lower Upper
142 100
141 104.6 72.3 108.5
115 120.0 25.4 38.2#



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





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 13.97 min Scan# 844

Delta R.T. 0.00 min

Lab File: BM004567.D

Acq: 05 Mar 2016 21:43

Instrument :

BNA_M

ClientSampleId :

PB88683BL

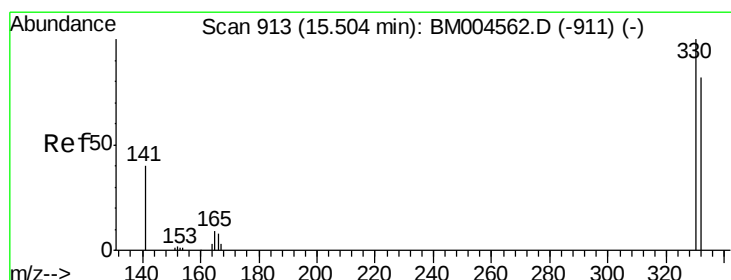
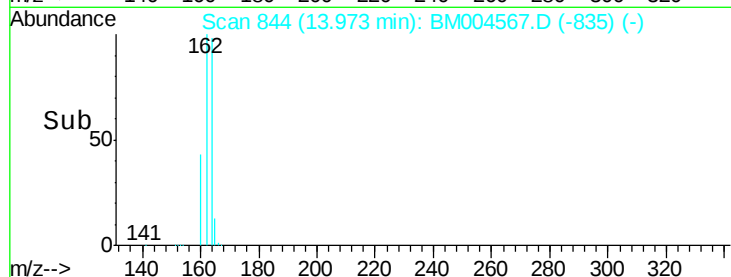
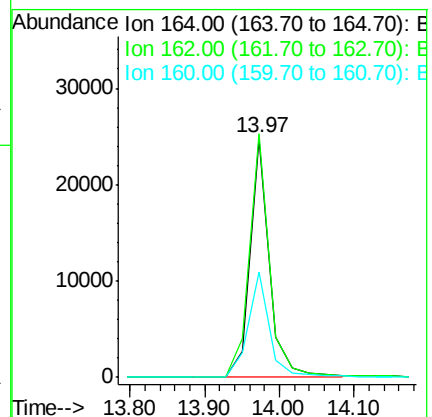
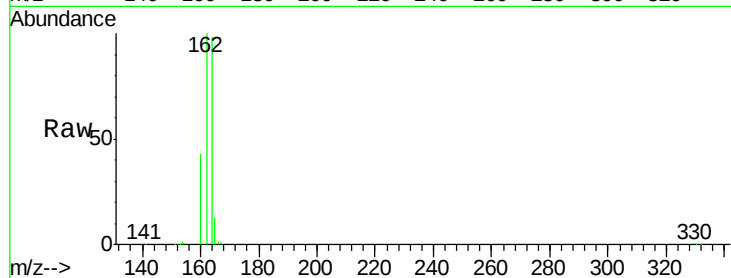
Tgt Ion:164 Resp: 44109

Ion Ratio Lower Upper

164 100

162 101.8 78.2 117.2

160 44.1 31.9 47.9



#14

2,4,6-Tribromophenol

Concen: 6.71 ng

RT: 15.50 min Scan# 913

Delta R.T. 0.00 min

Lab File: BM004567.D

Acq: 05 Mar 2016 21:43

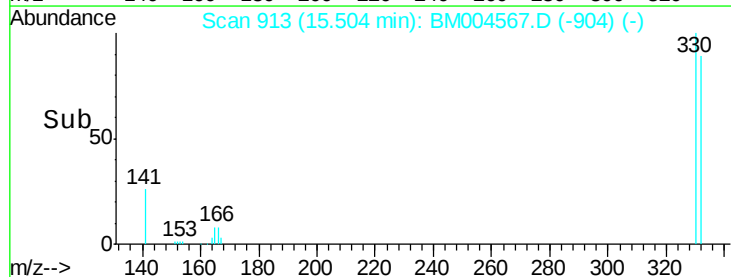
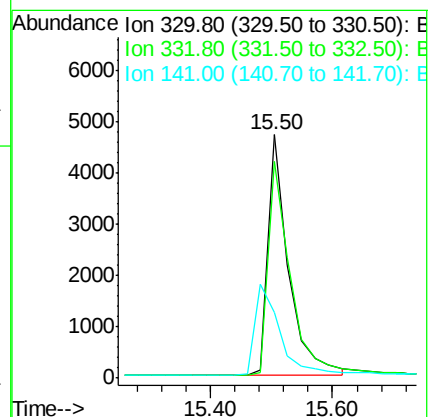
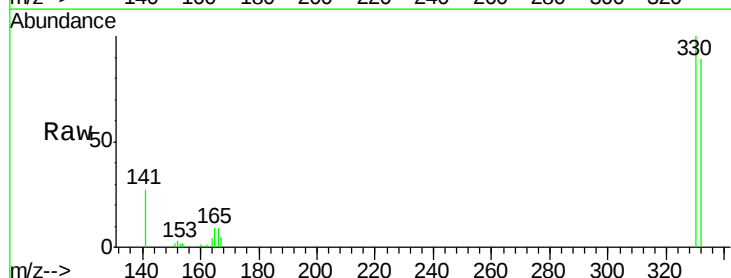
Tgt Ion:330 Resp: 11117

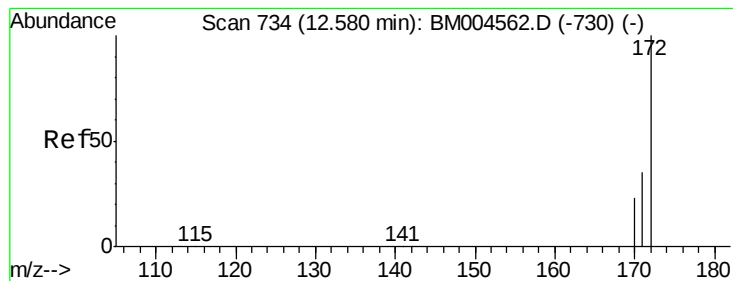
Ion Ratio Lower Upper

330 100

332 95.2 0.0 0.0#

141 0.0 0.0 0.0

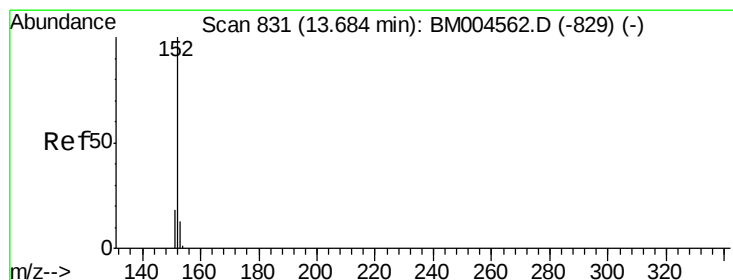
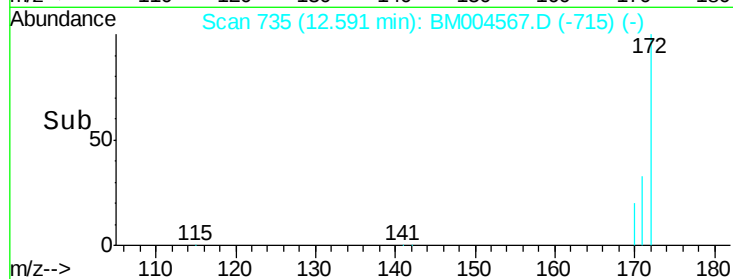
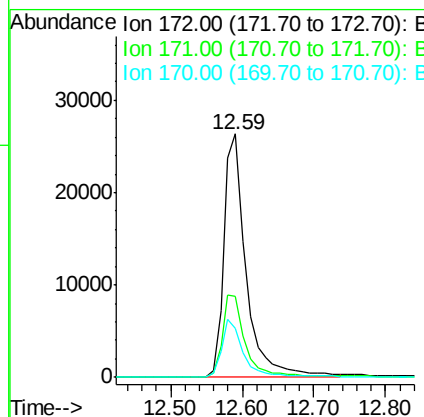
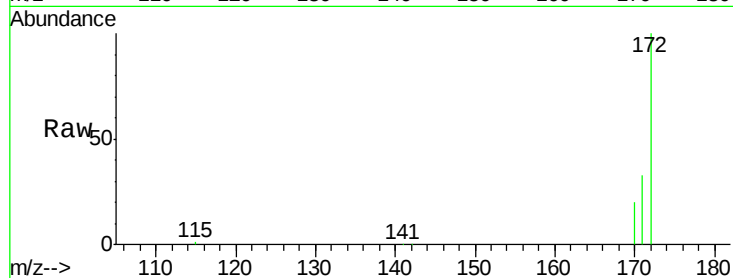




#15
2-Fluorobiphenyl
Concen: 4.02 ng
RT: 12.59 min Scan# 735
Delta R.T. 0.01 min
Lab File: BM004567.D
Acq: 05 Mar 2016 21:43

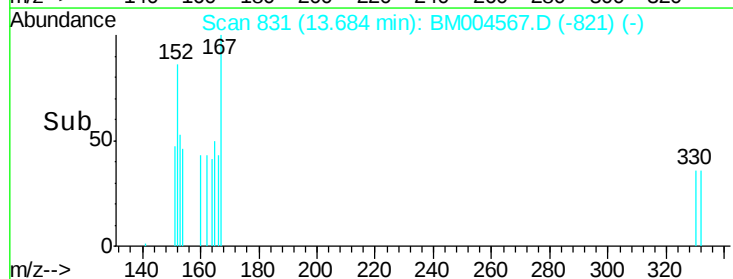
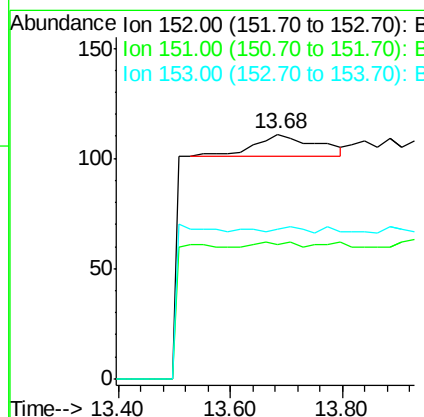
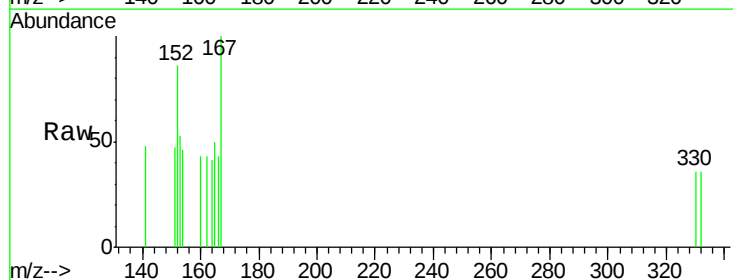
Instrument :
BNA_M
ClientSampleId :
PB88683BL

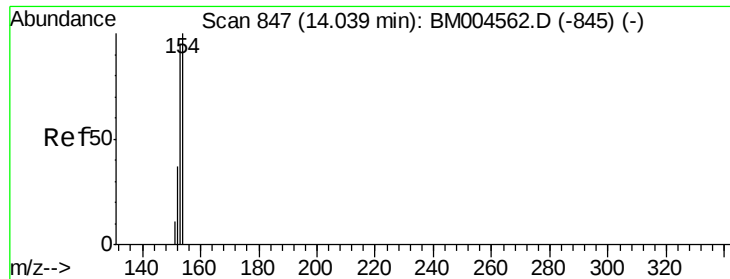
Tgt Ion:172 Resp: 56809
Ion Ratio Lower Upper
172 100
171 33.2 28.6 42.8
170 20.3 19.1 28.7



#16
Acenaphthylene
Concen: 0.04 ng
RT: 13.68 min Scan# 831
Delta R.T. 0.00 min
Lab File: BM004567.D
Acq: 05 Mar 2016 21:43

Tgt Ion:152 Resp: 76
Ion Ratio Lower Upper
152 100
151 0.0 9.2 13.8#
153 0.0 51.4 77.0#





#17

Acenaphthene

Concen: 0.07 ng

RT: 13.97 min Scan# 844

Delta R.T. -0.07 min

Lab File: BM004567.D

Acq: 05 Mar 2016 21:43

Instrument :

BNA_M

ClientSampleId :

PB88683BL

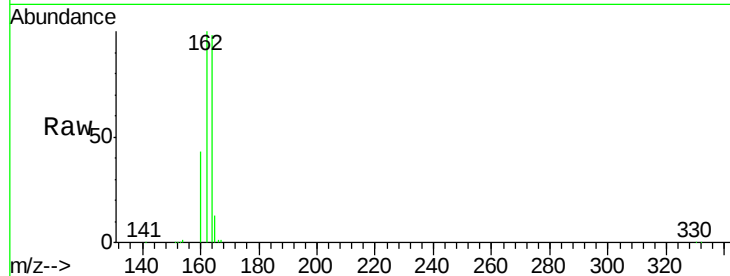
Tgt Ion:154 Resp: 198

Ion Ratio Lower Upper

154 100

153 20.2 0.0 0.0#

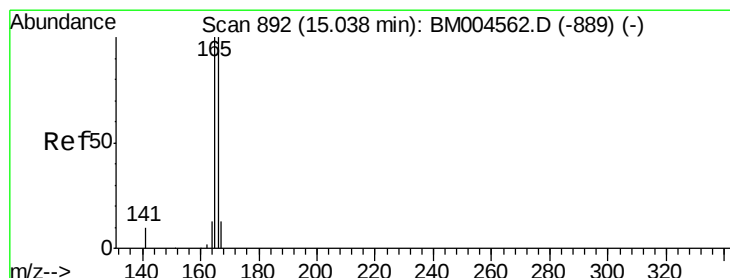
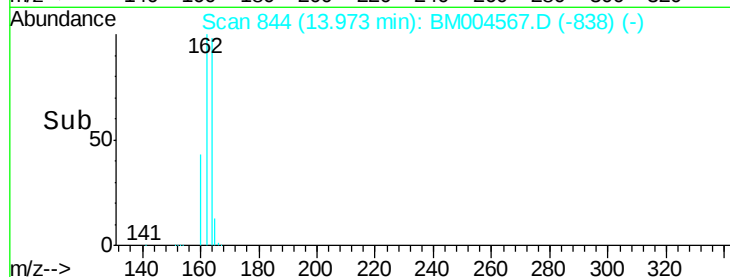
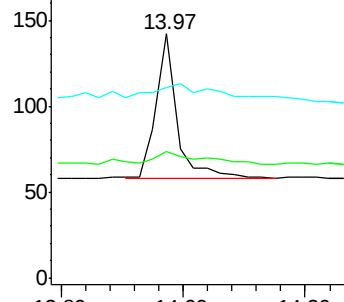
152 0.0 0.2 0.2#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: Below Cal

RT: 15.06 min Scan# 893

Delta R.T. 0.02 min

Lab File: BM004567.D

Acq: 05 Mar 2016 21:43

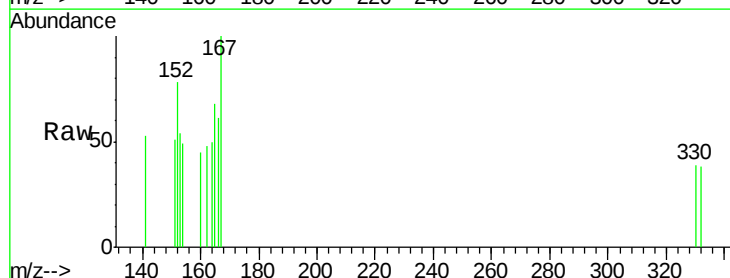
Tgt Ion:166 Resp: 47

Ion Ratio Lower Upper

166 100

165 83.0 0.0 0.0#

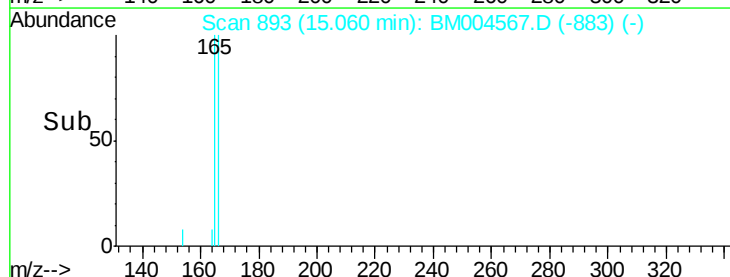
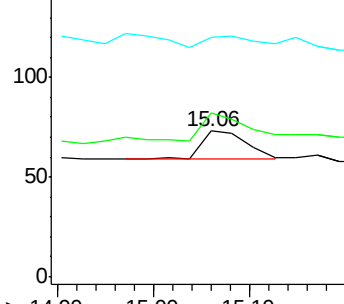
167 0.0 20.0 30.0#

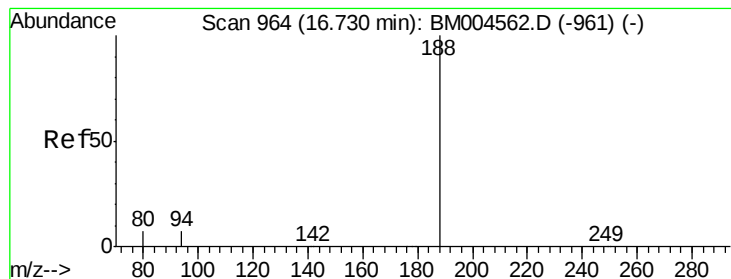


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.73 min Scan# 964

Delta R.T. 0.00 min

Lab File: BM004567.D

Acq: 05 Mar 2016 21:43

Instrument :

BNA_M

ClientSampleId :

PB88683BL

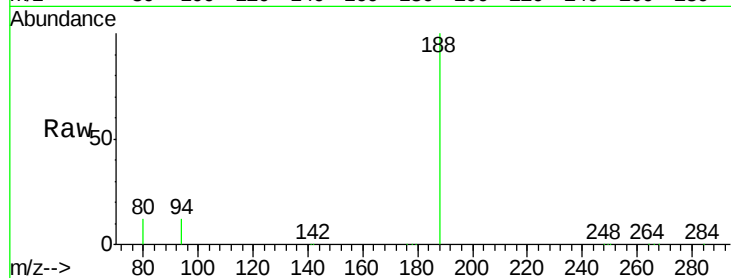
Tgt Ion:188 Resp: 100800

Ion Ratio Lower Upper

188 100

94 12.2 6.0 9.0#

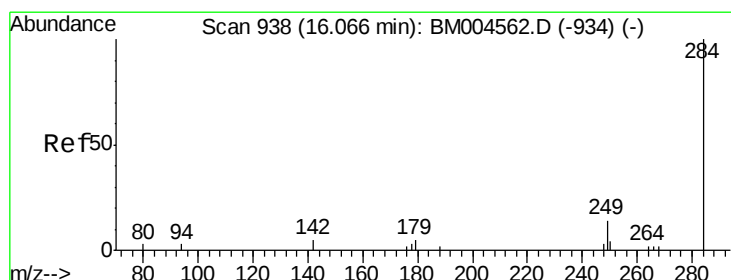
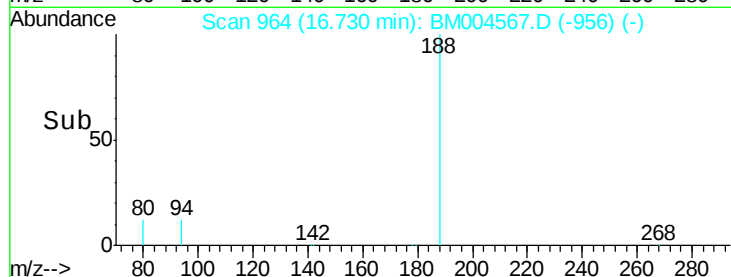
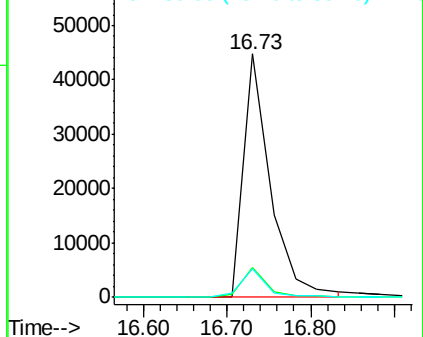
80 12.0 5.3 7.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#20

Hexachlorobenzene

Concen: 0.00 ng

RT: 16.07 min Scan# 938

Delta R.T. 0.00 min

Lab File: BM004567.D

Acq: 05 Mar 2016 21:43

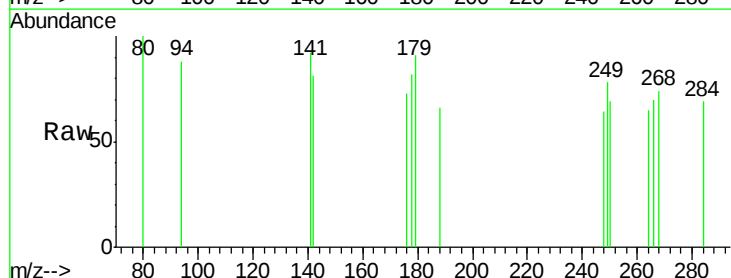
Tgt Ion:284 Resp: 535

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

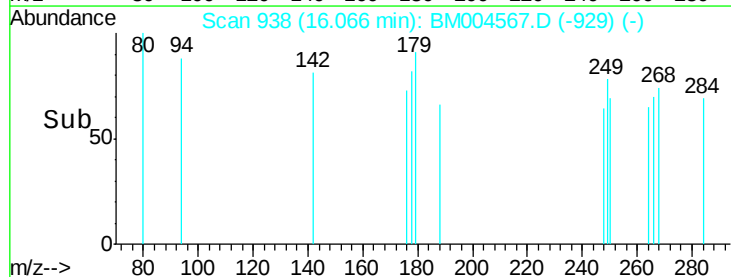
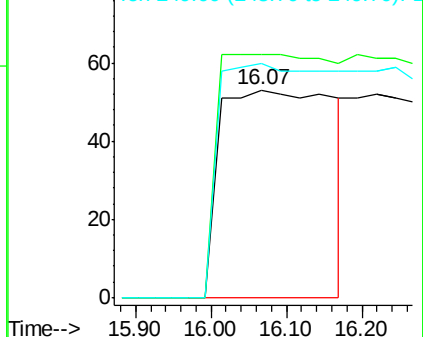
249 80.4 0.0 0.0#

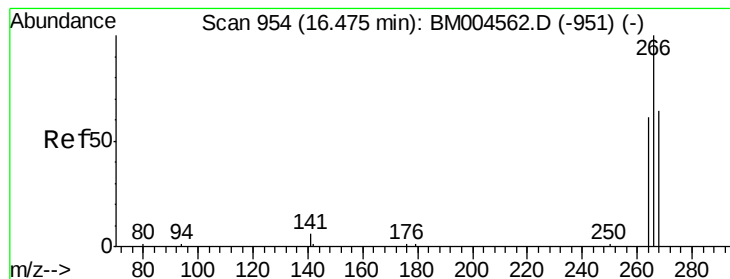


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 0.08 ng

RT: 16.53 min Scan# 956

Delta R.T. 0.05 min

Lab File: BM004567.D

Acq: 05 Mar 2016 21:43

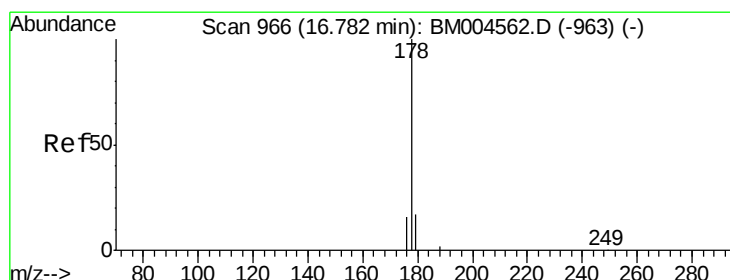
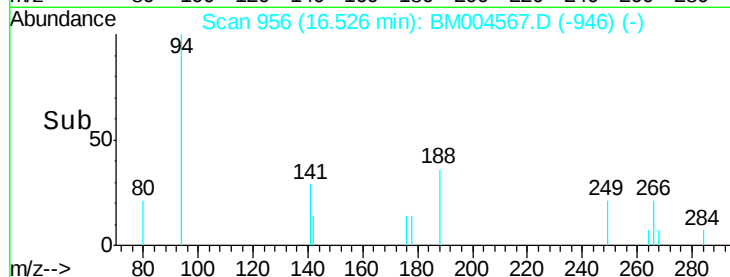
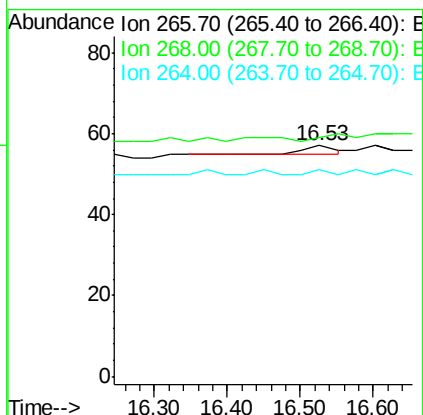
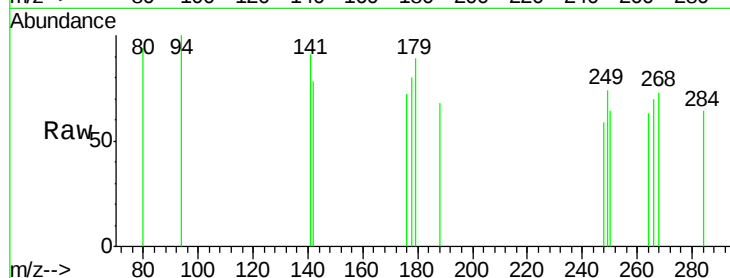
Instrument :

BNA_M

ClientSampleId :

PB88683BL

Tgt Ion:	266	Resp:	6
Ion	Ratio	Lower	Upper
266	100		
268	103.5	62.6	94.0#
264	89.5	57.4	86.0#



#22

Phenanthrene

Concen: 0.02 ng

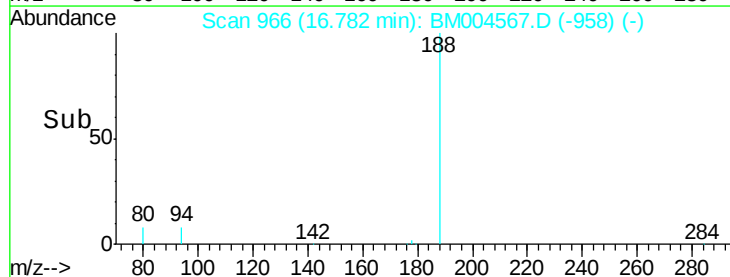
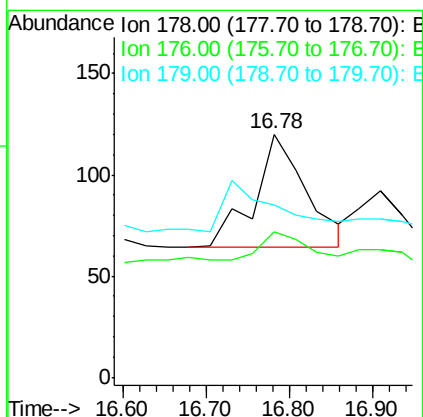
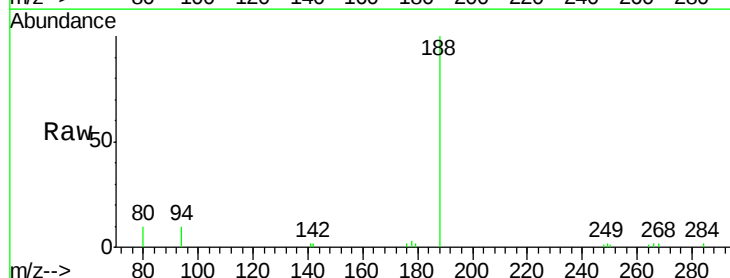
RT: 16.78 min Scan# 966

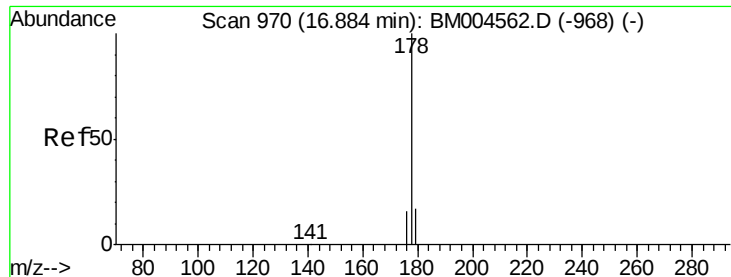
Delta R.T. 0.00 min

Lab File: BM004567.D

Acq: 05 Mar 2016 21:43

Tgt Ion:	178	Resp:	242
Ion	Ratio	Lower	Upper
178	100		
176	21.5	0.0	0.0#
179	0.0	0.0	0.0

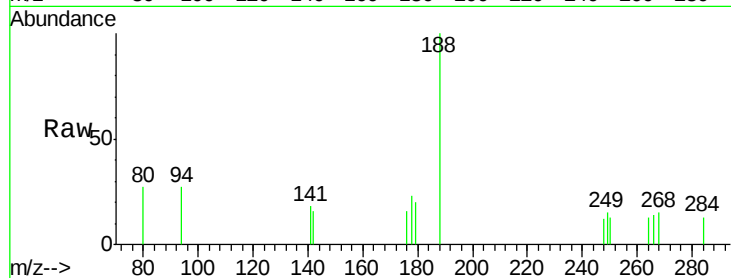




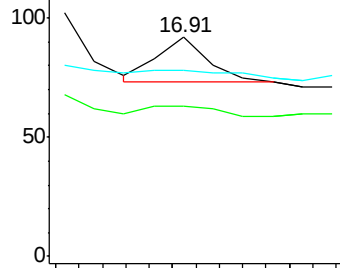
#23
 Anthracene
 Concen: 0.21 ng
 RT: 16.91 min Scan# 971
 Delta R.T. 0.03 min
 Lab File: BM004567.D
 Acq: 05 Mar 2016 21:43

Instrument :
 BNA_M
 ClientSampleId :
 PB88683BL

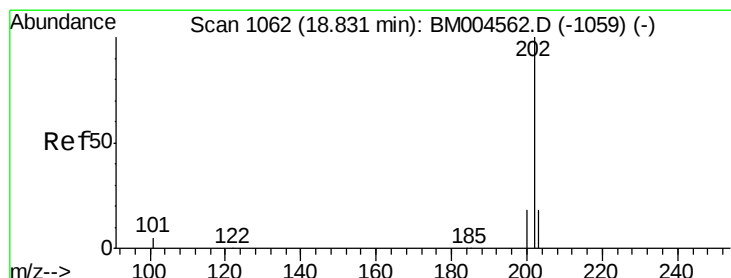
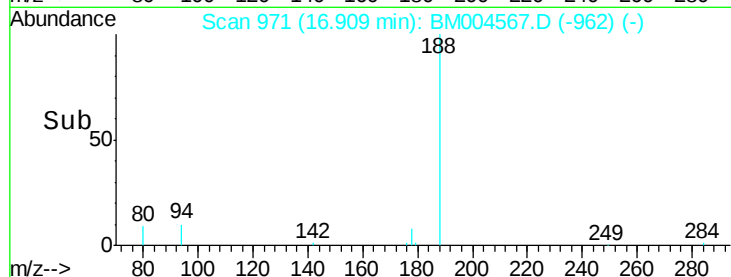
Tgt Ion:178 Resp: 58
 Ion Ratio Lower Upper
 178 100
 176 0.0 0.0 0.0
 179 0.0 0.0 0.0



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

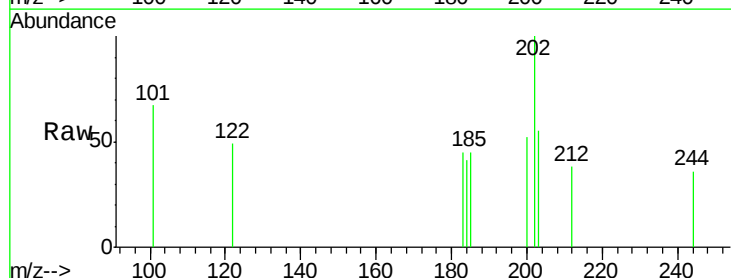


Time--> 16.80 16.90 17.00

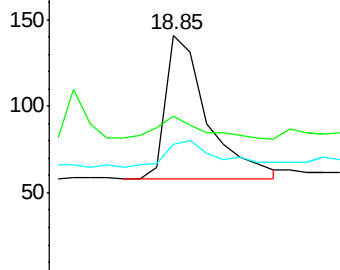


#24
 Fluoranthene
 Concen: 0.04 ng
 RT: 18.85 min Scan# 1063
 Delta R.T. 0.02 min
 Lab File: BM004567.D
 Acq: 05 Mar 2016 21:43

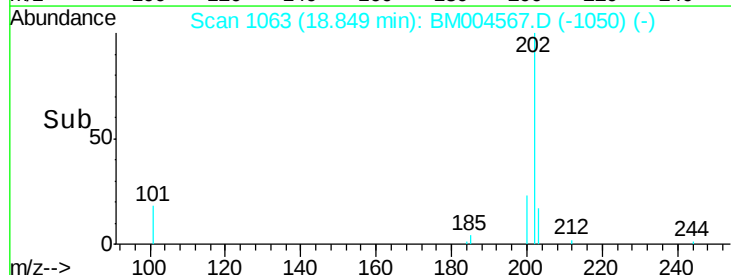
Tgt Ion:202 Resp: 249
 Ion Ratio Lower Upper
 202 100
 101 18.9 12.2 18.4#
 203 22.9 14.6 21.8#

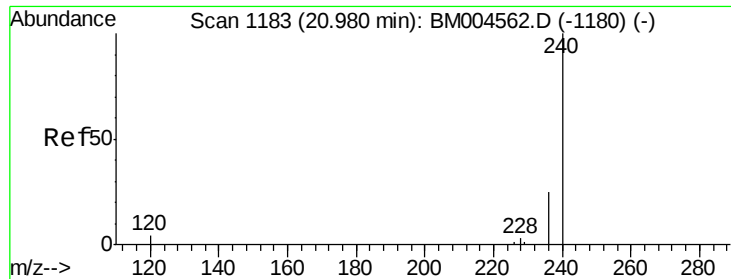


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E



Time--> 18.80 18.90 19.00

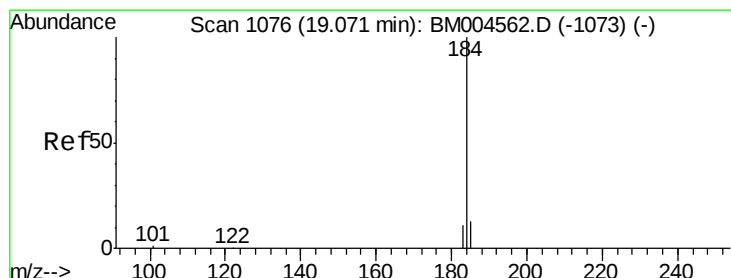
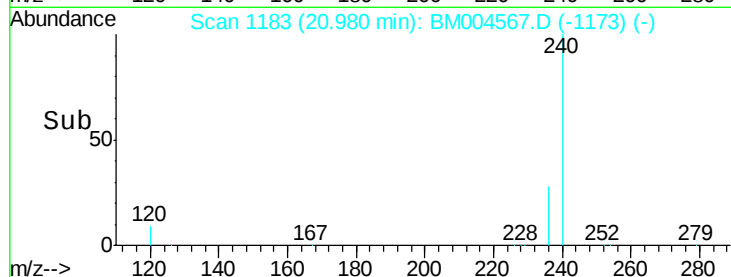
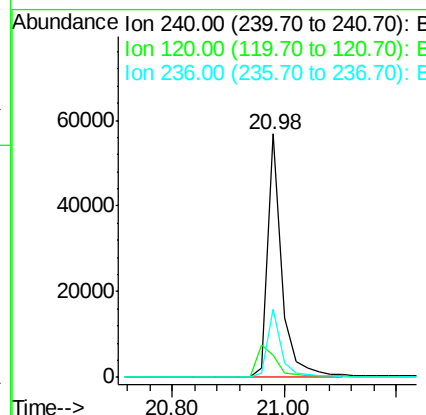
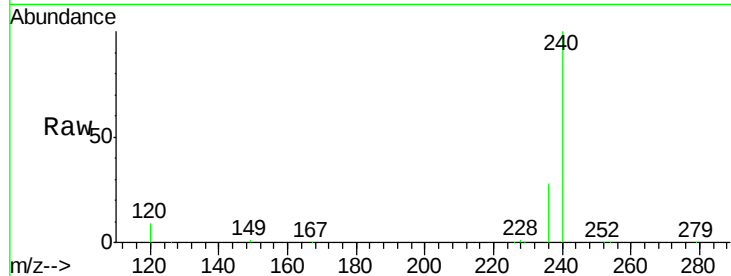




#25
Chrysene-d12
Concen: 5.00 ng
RT: 20.98 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BM004567.D
Acq: 05 Mar 2016 21:43

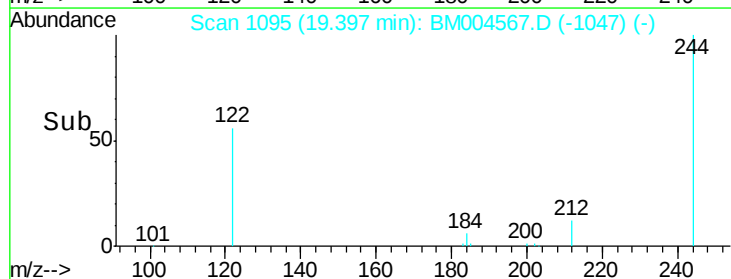
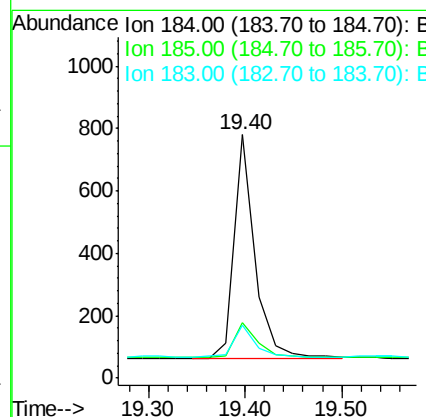
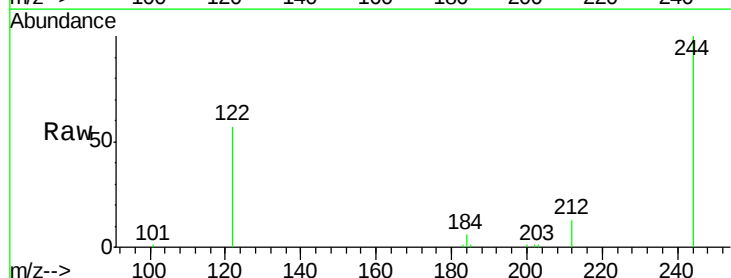
Instrument :
BNA_M
ClientSampleId :
PB88683BL

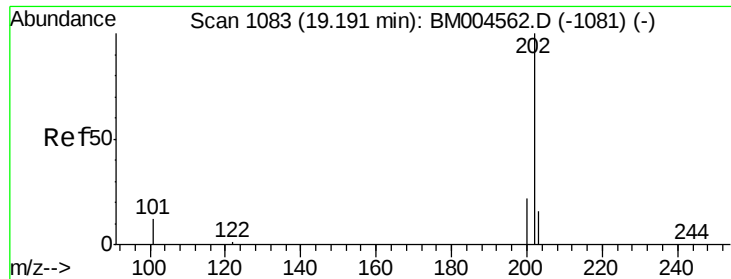
Tgt Ion:240 Resp: 99541
Ion Ratio Lower Upper
240 100
120 9.3 3.5 5.3#
236 28.1 20.3 30.5



#26
Benzidine
Concen: 0.50 ng
RT: 19.40 min Scan# 1095
Delta R.T. 0.33 min
Lab File: BM004567.D
Acq: 05 Mar 2016 21:43

Tgt Ion:184 Resp: 1081
Ion Ratio Lower Upper
184 100
185 23.0 19.4 29.0
183 21.6 16.5 24.7

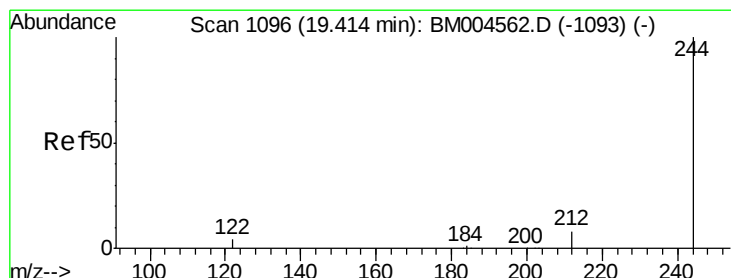
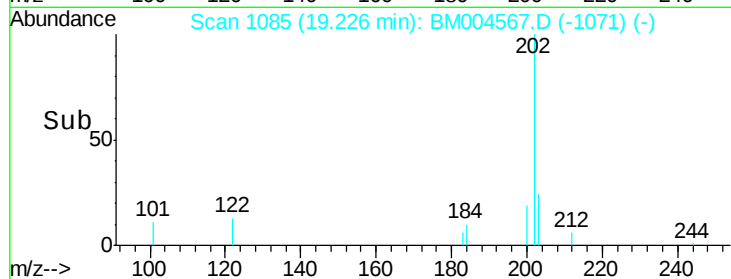
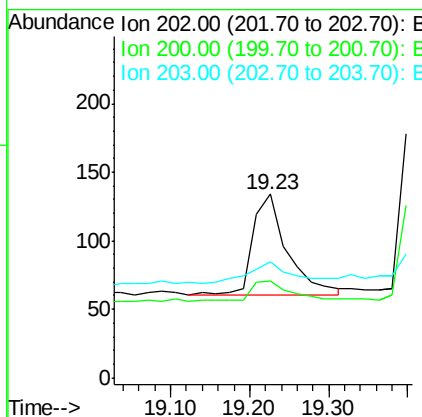
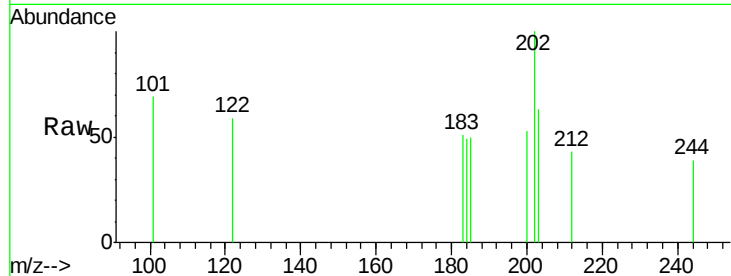




#27
 Pyrene
 Concen: 0.05 ng
 RT: 19.23 min Scan# 1085
 Delta R.T. 0.03 min
 Lab File: BM004567.D
 Acq: 05 Mar 2016 21:43

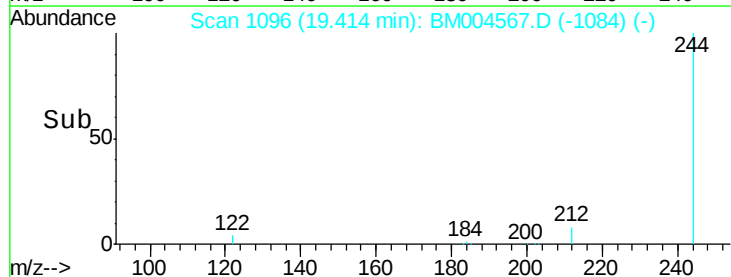
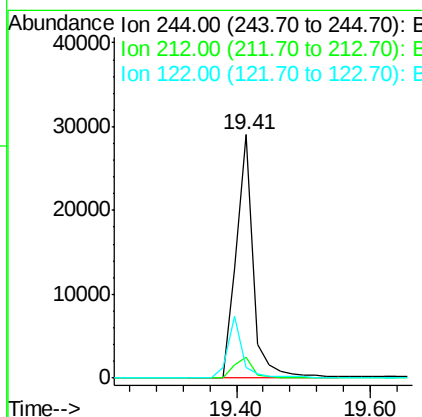
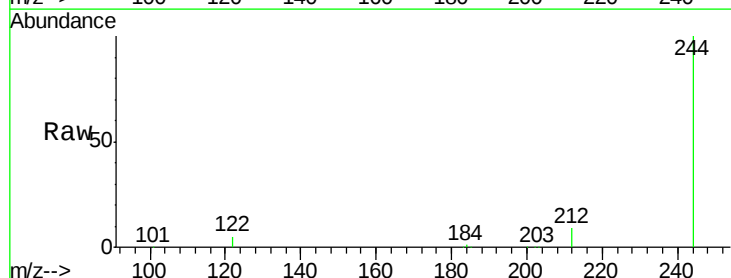
Instrument :
 BNA_M
 ClientSampleId :
 PB88683BL

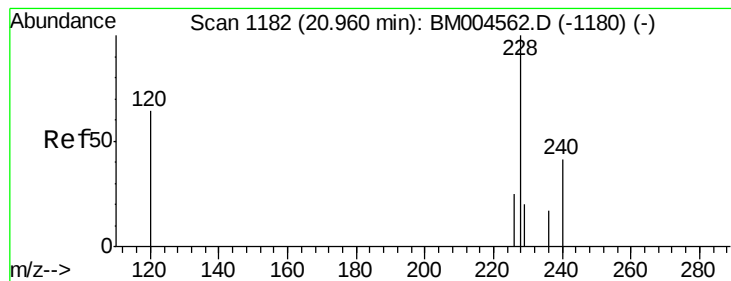
Tgt Ion: 202 Resp: 228
 Ion Ratio Lower Upper
 202 100
 200 18.9 0.2 0.2#
 203 24.1 0.0 0.0#



#28
 Terphenyl-d14
 Concen: 3.40 ng
 RT: 19.41 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: BM004567.D
 Acq: 05 Mar 2016 21:43

Tgt Ion: 244 Resp: 50956
 Ion Ratio Lower Upper
 244 100
 212 8.6 7.0 10.4
 122 4.6 4.2 6.4





#29

Benzo(a)anthracene

Concen: 0.03 ng

RT: 20.98 min Scan# 1183

Delta R.T. 0.02 min

Lab File: BM004567.D

Acq: 05 Mar 2016 21:43

Instrument :

BNA_M

ClientSampleId :

PB88683BL

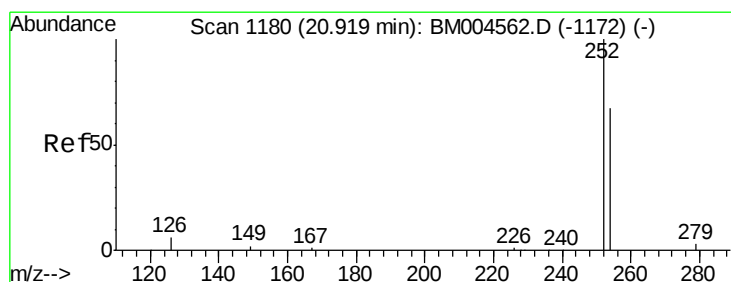
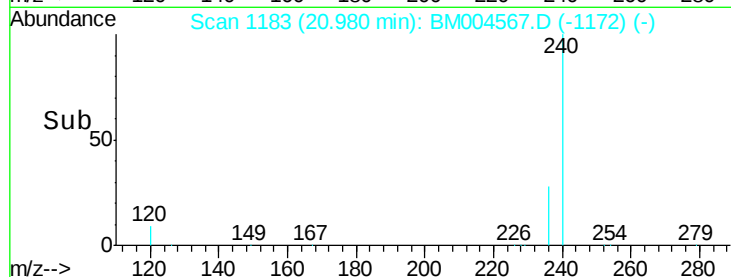
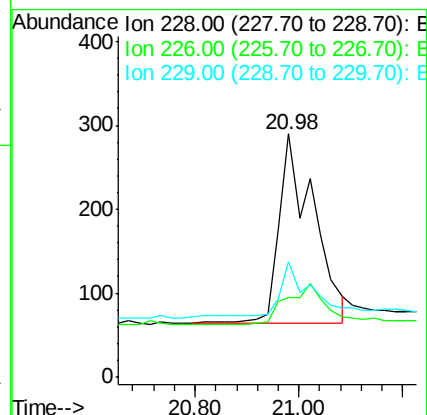
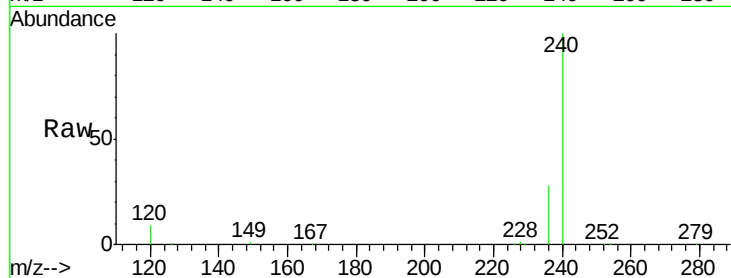
Tgt Ion:228 Resp: 1033

Ion Ratio Lower Upper

228 100

226 32.8 20.3 30.5#

229 47.2 16.3 24.5#



#30

3,3'-Dichlorobenzidine

Concen: 0.43 ng

RT: 20.94 min Scan# 1181

Delta R.T. 0.02 min

Lab File: BM004567.D

Acq: 05 Mar 2016 21:43

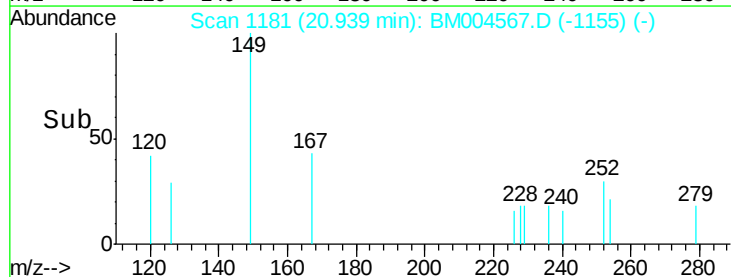
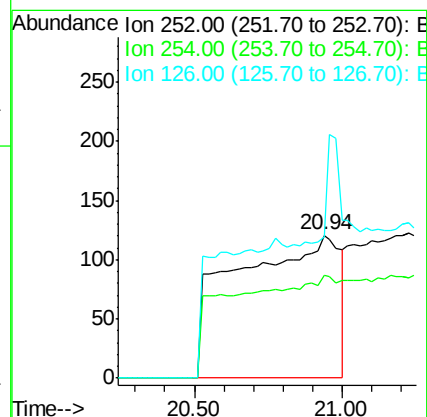
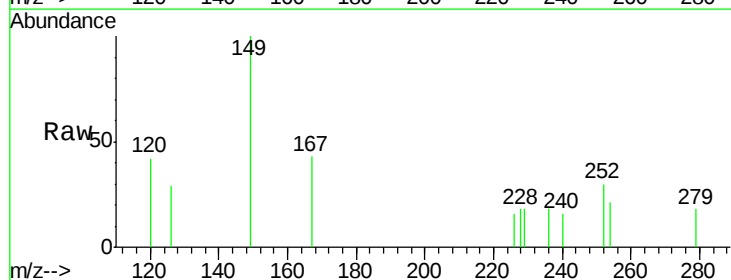
Tgt Ion:252 Resp: 2882

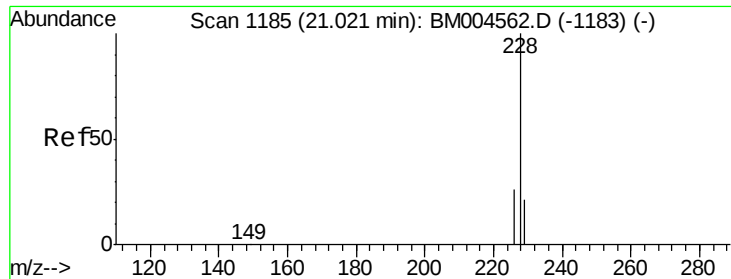
Ion Ratio Lower Upper

252 100

254 71.9 53.9 80.9

126 98.3 6.9 10.3#





#31

Chrysene

Concen: 0.09 ng

RT: 20.98 min Scan# 1183

Delta R.T. -0.04 min

Lab File: BM004567.D

Acq: 05 Mar 2016 21:43

Instrument :

BNA_M

ClientSampleId :

PB88683BL

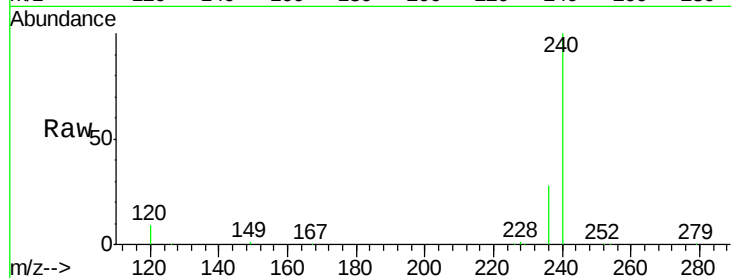
Tgt Ion: 228 Resp: 1076

Ion Ratio Lower Upper

228 100

226 32.8 20.3 30.5#

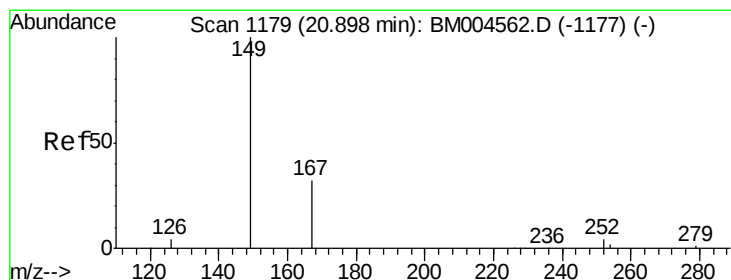
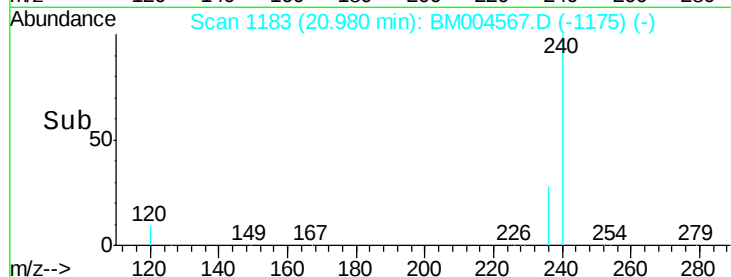
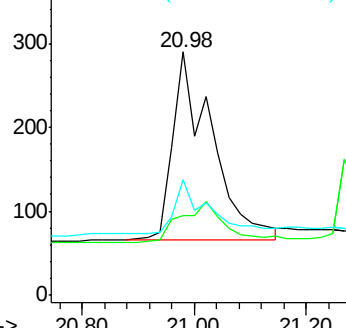
229 47.2 17.8 26.6#



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.04 ng

RT: 20.90 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BM004567.D

Acq: 05 Mar 2016 21:43

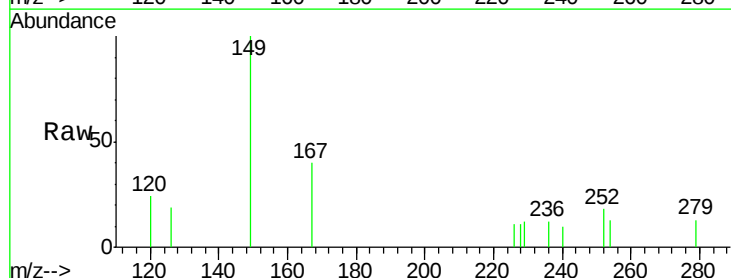
Tgt Ion: 149 Resp: 386

Ion Ratio Lower Upper

149 100

167 30.8 0.6 0.8#

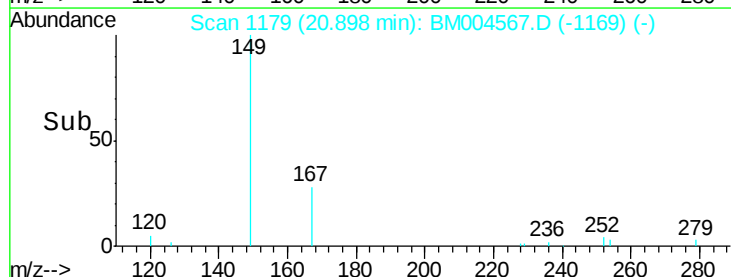
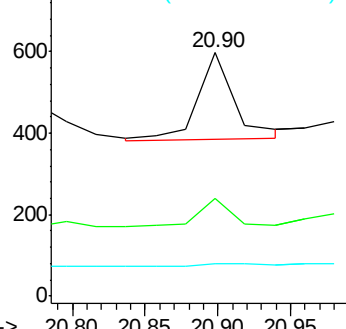
279 11.1 0.0 0.0#

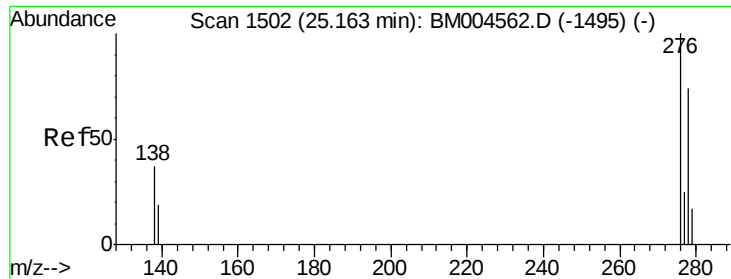


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.11 ng

RT: 25.24 min Scan# 1510

Delta R.T. 0.07 min

Lab File: BM004567.D

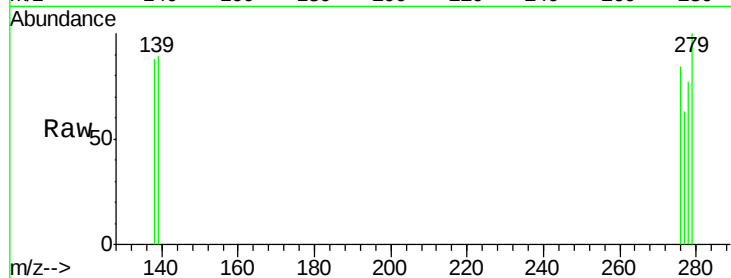
Acq: 05 Mar 2016 21:43

Instrument :

BNA_M

ClientSampleId :

PB88683BL



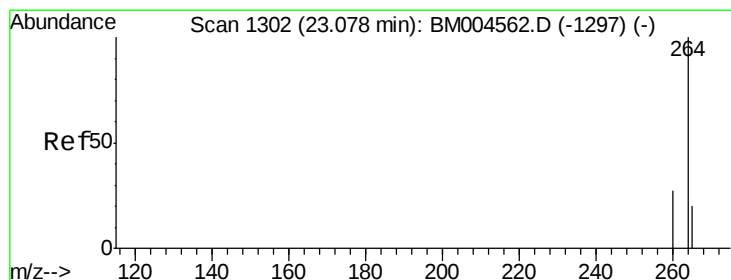
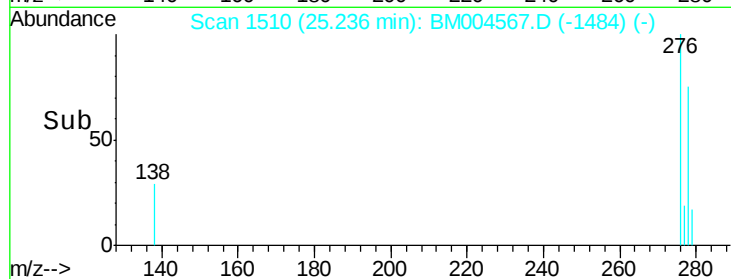
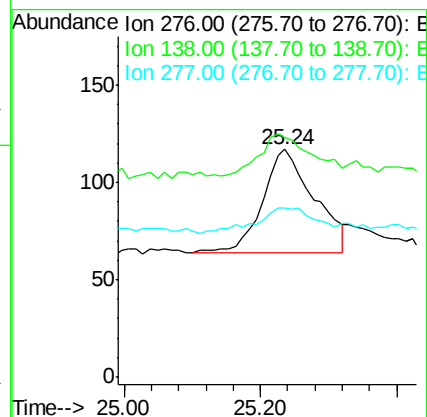
Tgt Ion: 276 Resp: 276

Ion Ratio Lower Upper

276 100

138 42.4 22.8 34.2#

277 27.2 15.2 22.8#



#34

Perylene-d12

Concen: 5.00 ng

RT: 23.09 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BM004567.D

Acq: 05 Mar 2016 21:43

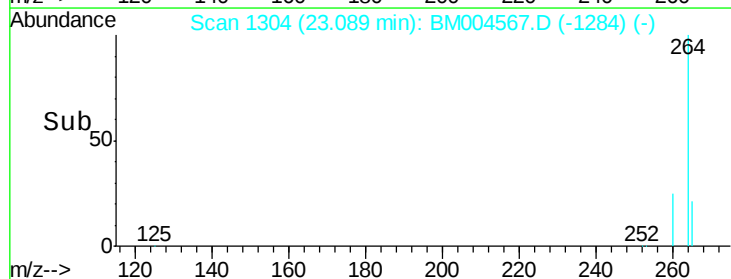
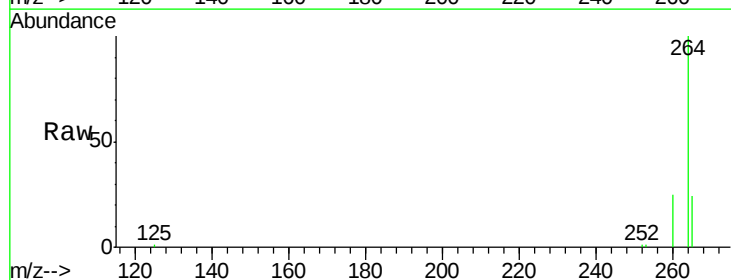
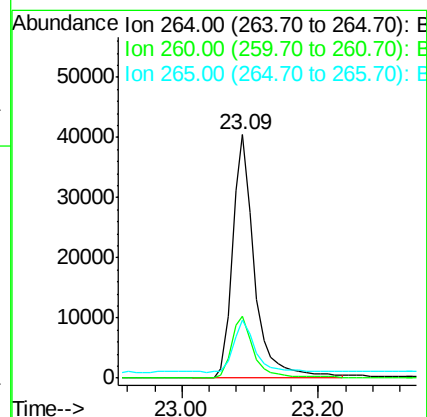
Tgt Ion: 264 Resp: 89334

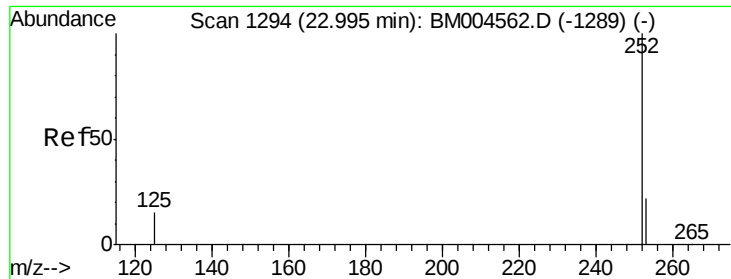
Ion Ratio Lower Upper

264 100

260 25.2 21.4 32.2

265 23.9 17.8 26.8





#35

Benzo(a)pyrene

Concen: 0.01 ng

RT: 23.01 min Scan# 1296

Delta R.T. 0.01 min

Lab File: BM004567.D

Acq: 05 Mar 2016 21:43

Instrument :

BNA_M

ClientSampled :

PB88683BL

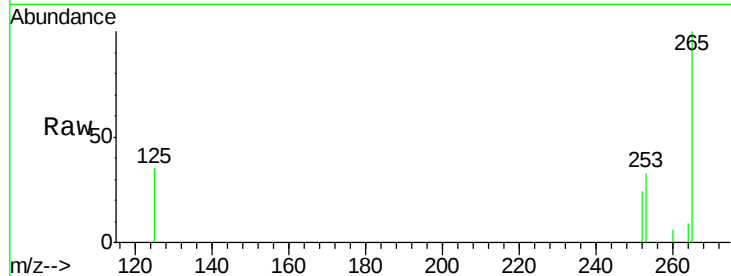
Tgt Ion:252 Resp: 144

Ion Ratio Lower Upper

252 100

253 138.7 19.0 28.6#

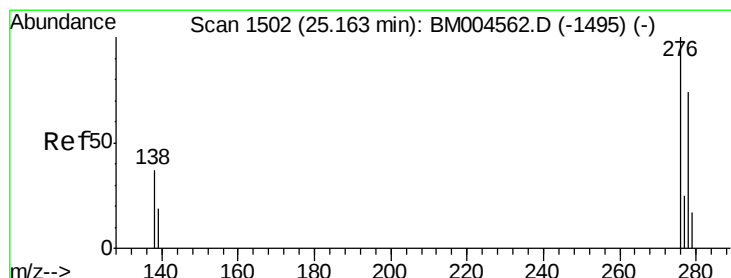
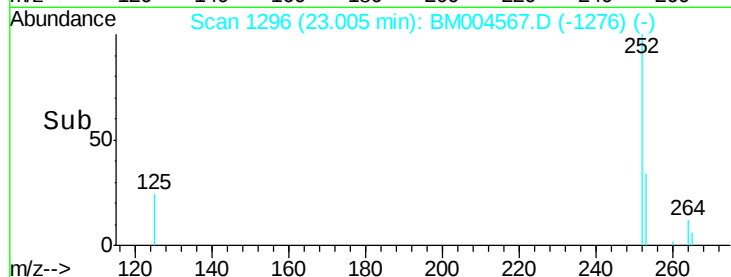
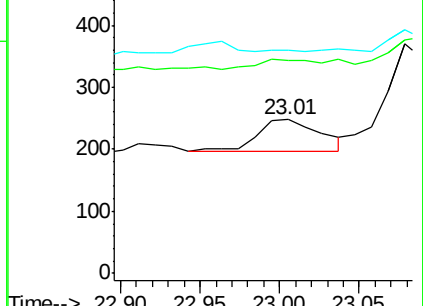
125 145.6 14.4 21.6#



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



#36

Dibenzo(a,h)anthracene

Concen: 0.01 ng

RT: 25.23 min Scan# 1509

Delta R.T. 0.06 min

Lab File: BM004567.D

Acq: 05 Mar 2016 21:43

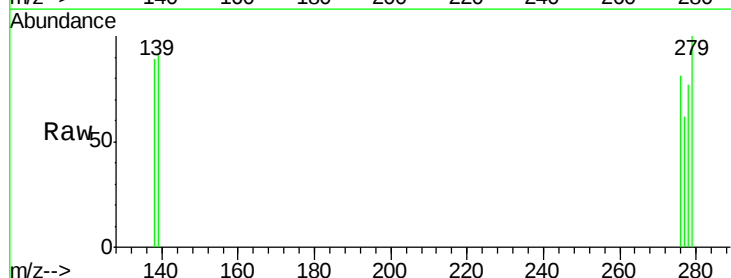
Tgt Ion:278 Resp: 232

Ion Ratio Lower Upper

278 100

139 119.4 21.7 32.5#

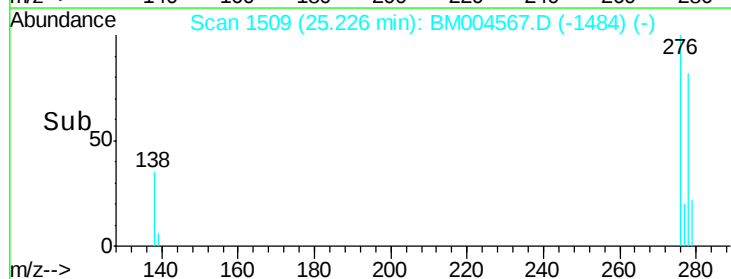
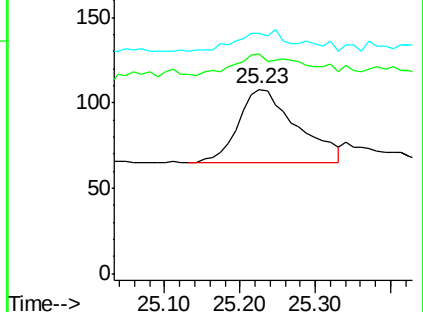
279 130.6 20.2 30.4#

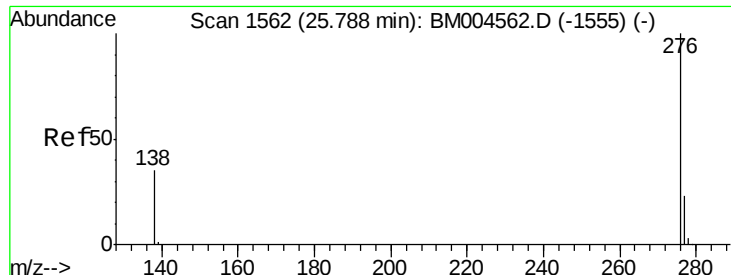


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#37

Benzo(g,h,i)perylene

Concen: 0.01 ng

RT: 25.87 min Scan# 1571

Delta R.T. 0.08 min

Lab File: BM004567.D

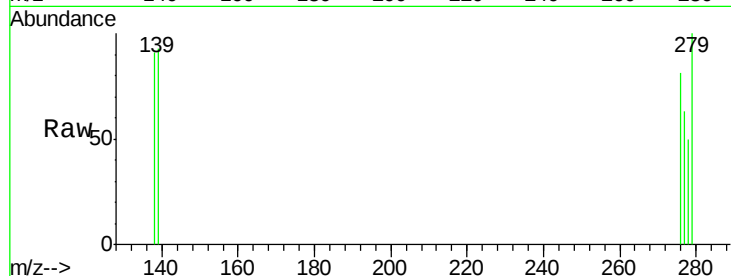
Acq: 05 Mar 2016 21:43

Instrument :

BNA_M

ClientSampleId :

PB88683BL



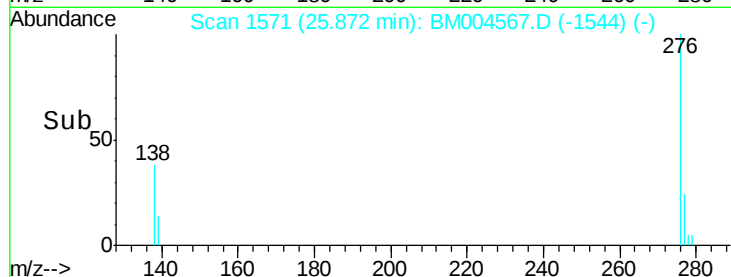
Tgt Ion: 276 Resp: 236

Ion Ratio Lower Upper

276 100

277 77.3 19.1 28.7#

138 111.8 29.3 43.9#



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

150

100

25.87

50

0

Time-->