

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040915\
 Data File : BM000935.D
 Acq On : 09 Apr 2015 23:09
 Operator : TP/IZ
 Sample : SSTDICV001
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM040915

Quant Time: Apr 10 06:11:01 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM040915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 05:53:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	40248	5.00	ng	0.00
8) Naphthalene-d8	10.38	136	147737	5.00	ng	0.00
17) Acenaphthene-d10	14.26	164	79561	5.00	ng	0.01
24) Phenanthrene-d10	17.00	188	158347	5.00	ng	0.01
30) Chrysene-d12	21.20	240	136063	5.00	ng	0.00
38) Perylene-d12	23.38	264	123878	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	9052	0.42	ng	0.00
5) Phenol-d6	6.78	99	10807	0.42	ng	0.00
9) Nitrobenzene-d5	8.76	82	7667	0.43	ng	0.00
18) 2,4,6-Tribromophenol	15.76	330	2606	0.29	ng	0.01
19) 2-Fluorobiphenyl	12.88	172	22870	0.34	ng	0.00
33) Terphenyl-d14	19.65	244	18195	0.45	ng	0.00

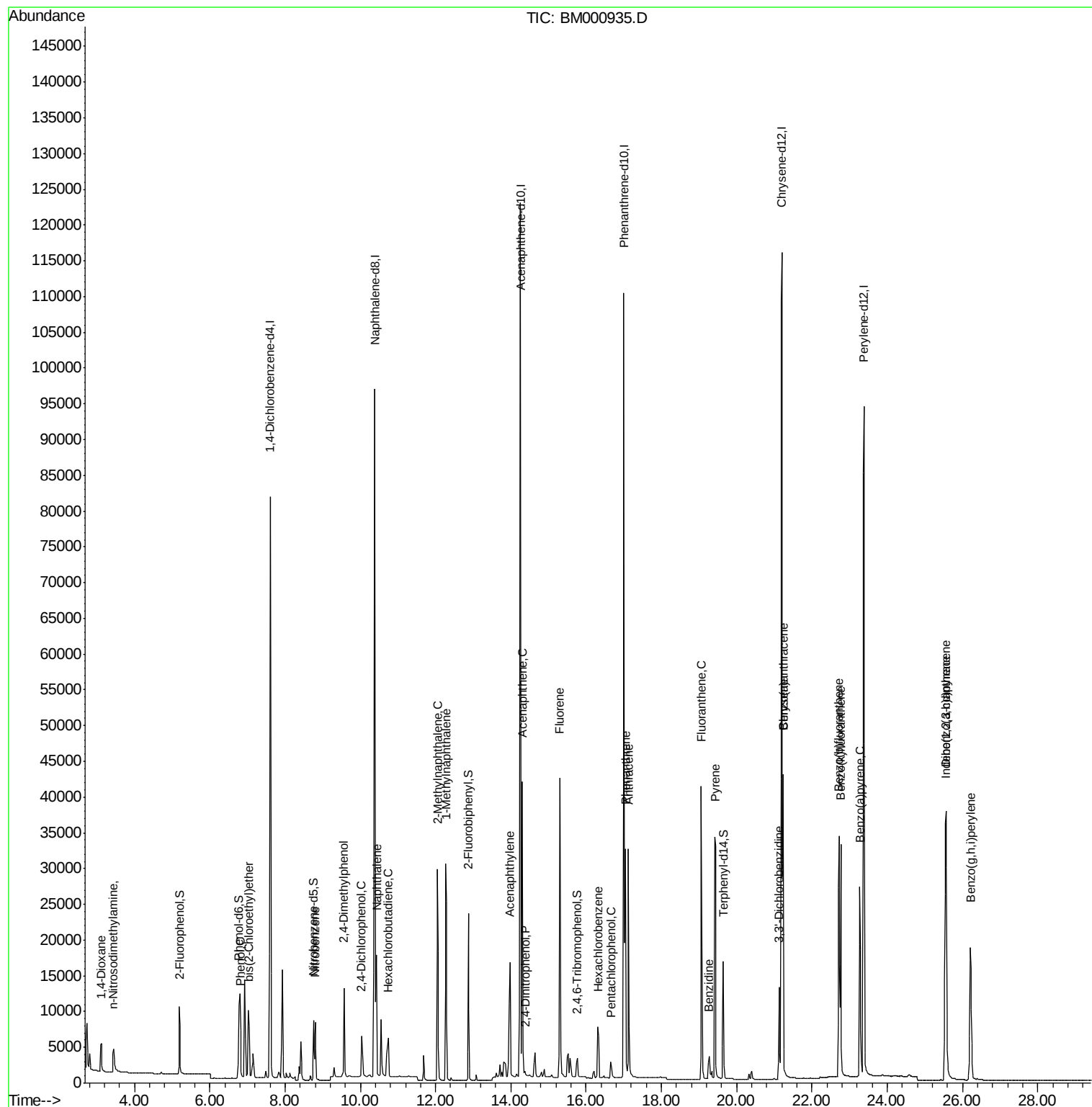
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.12	88	4016	0.45	ng	99
3) n-Nitrosodimethylamine	3.43	42	4010	0.32	ng	95
6) Phenol	6.82	94	11006	0.43	ng	98
7) bis(2-Chloroethyl)ether	7.04	93	9778	0.44	ng	98
10) Nitrobenzene	8.80	77	9119	0.43	ng	99
11) 2,4-Dimethylphenol	9.56	122	8703	0.45	ng	99
12) 2,4-Dichlorophenol	10.03	162	7598	0.40	ng	95
13) Naphthalene	10.44	128	31258	0.42	ng	99
14) Hexachlorobutadiene	10.74	225	5817	0.41	ng	99
15) 2-Methylnaphthalene	12.06	142	21813	0.43	ng	99
16) 1-Methylnaphthalene	12.28	142	22193	0.44	ng	86
20) Acenaphthylene	13.97	152	30445	0.28	ng	93
21) Acenaphthene	14.31	154	23238	0.38	ng	# 66
22) 2,4-Dinitrophenol	14.38	184	732	0.45	ng	# 76
23) Fluorene	15.30	166	28795	0.42	ng	# 74
25) Hexachlorobenzene	16.33	284	8782	0.37	ng	# 66
26) Pentachlorophenol	16.66	266	2520	0.37	ng	86
27) Phenanthrene	17.05	178	41972	0.38	ng	92
28) Anthracene	17.13	178	39537	0.42	ng	93
29) Fluoranthene	19.06	202	44611	0.40	ng	89
31) Benzidine	19.27	184	8015	0.50	ng	96
32) Pyrene	19.44	202	47255	0.42	ng	93
34) Benzo(a)anthracene	21.23	228	42115	0.44	ng	98
35) 3,3'-Dichlorobenzidine	21.13	252	11208	0.48	ng	# 86
36) Chrysene	21.23	228	42310	0.42	ng	94
37) Indeno(1,2,3-cd)pyrene	25.55	276	44678	0.44	ng	100
39) Benzo(b)fluoranthene	22.72	252	43449	0.47	ng	96
40) Benzo(k)fluoranthene	22.77	252	37995	0.40	ng	96
41) Benzo(a)pyrene	23.28	252	36365	0.44	ng	98
42) Dibenzo(a,h)anthracene	25.56	278	34971	0.45	ng	99
43) Benzo(g,h,i)perylene	26.22	276	37500	0.43	ng	99

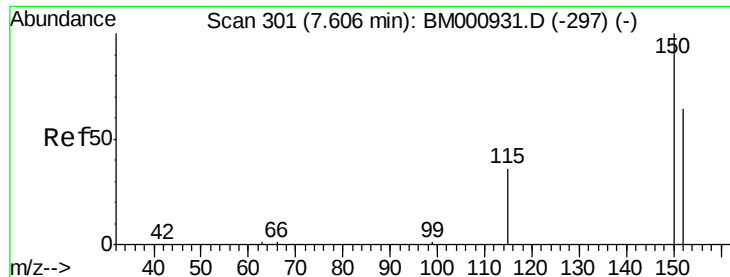
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.61 min Scan# 301

Delta R.T. 0.00 min

Lab File: BM000935.D

Acq: 09 Apr 2015 23:09

Instrument :

BNA_M

ClientSampleId :

ICVBM040915

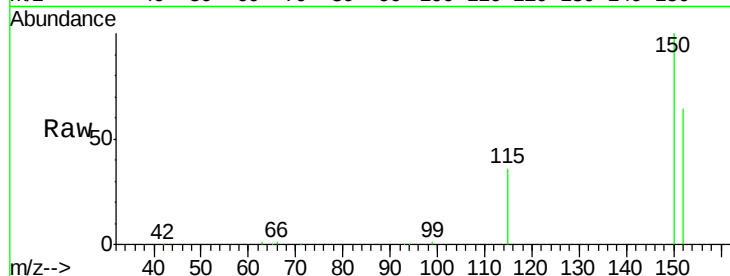
Tgt Ion:152 Resp: 40248

Ion Ratio Lower Upper

152 100

150 155.1 125.4 188.2

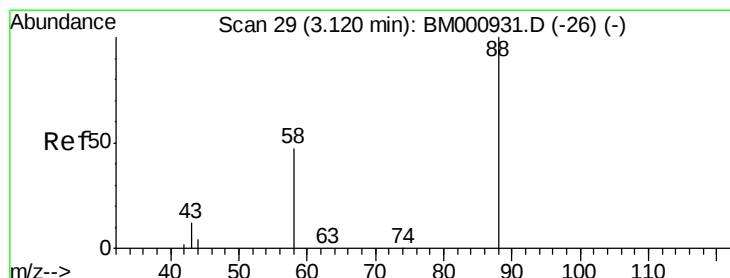
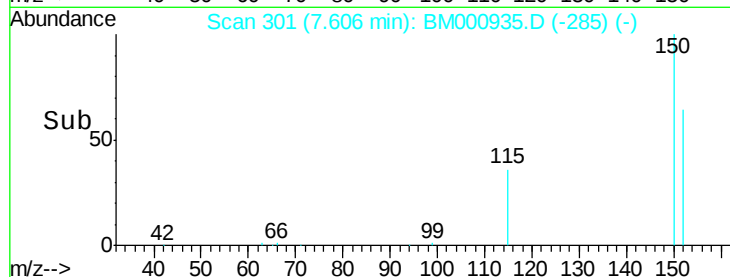
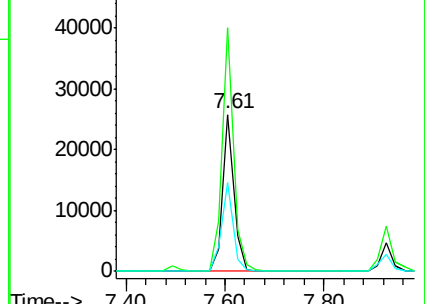
115 56.5 45.9 68.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.45 ng

RT: 3.12 min Scan# 29

Delta R.T. 0.00 min

Lab File: BM000935.D

Acq: 09 Apr 2015 23:09

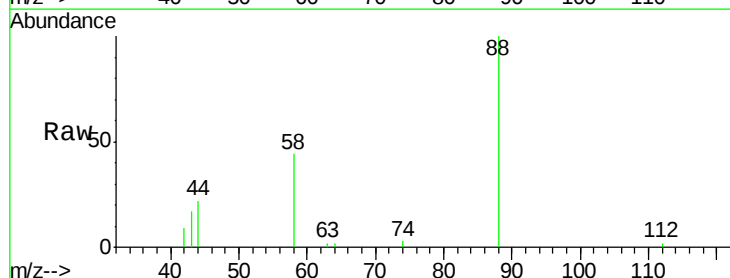
Tgt Ion: 88 Resp: 4016

Ion Ratio Lower Upper

88 100

58 78.0 63.0 94.6

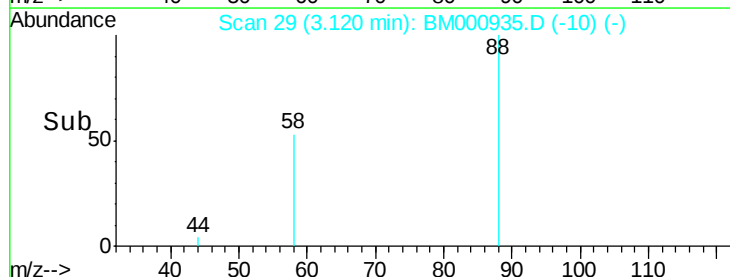
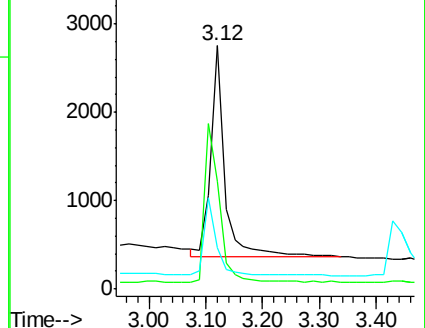
43 32.7 27.0 40.4

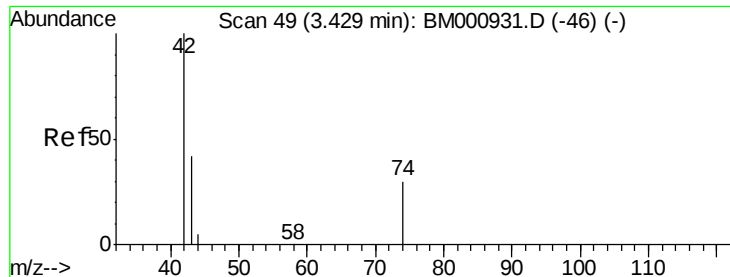


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.32 ng

RT: 3.43 min Scan# 49

Delta R.T. 0.00 min

Lab File: BM000935.D

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ICVBM040915

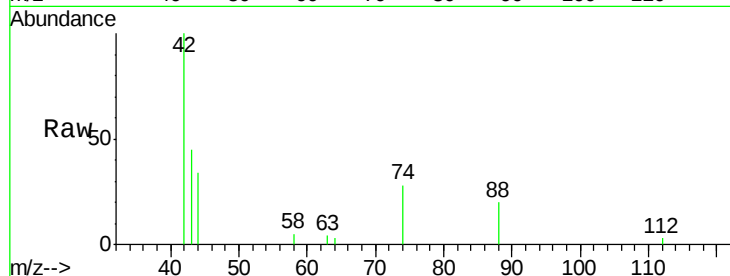
Tgt Ion: 42 Resp: 4010

Ion Ratio Lower Upper

42 100

74 28.3 26.0 39.0

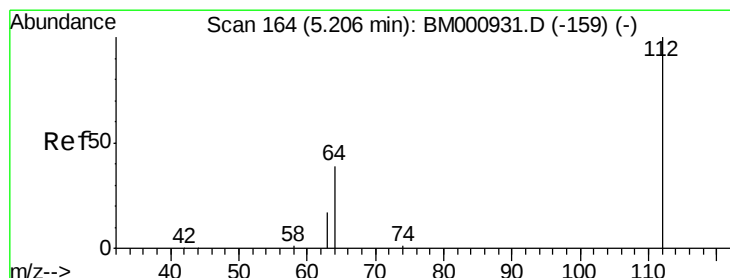
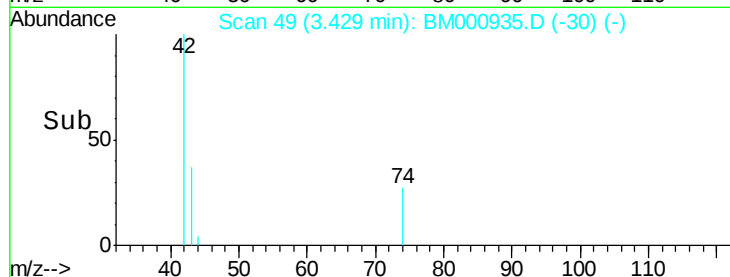
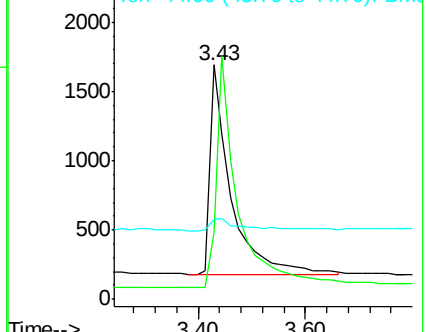
44 34.3 29.0 43.4



Abundance Ion 42.00 (41.70 to 42.70): BM000931.D (-46) (-)

Ion 74.00 (73.70 to 74.70): BM000931.D (-46) (-)

Ion 44.00 (43.70 to 44.70): BM000931.D (-46) (-)



#4

2-Fluorophenol

Concen: 0.42 ng

RT: 5.21 min Scan# 164

Delta R.T. 0.00 min

Lab File: BM000935.D

Acq: 09 Apr 2015 23:09

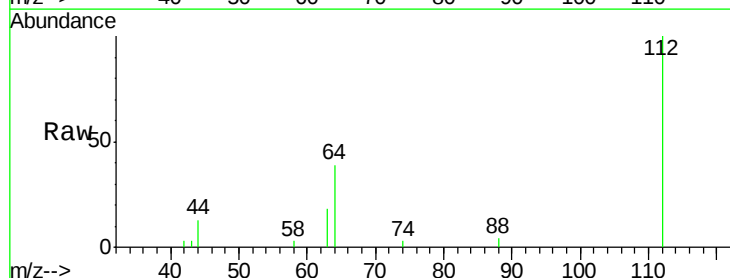
Tgt Ion: 112 Resp: 9052

Ion Ratio Lower Upper

112 100

64 39.4 31.8 47.8

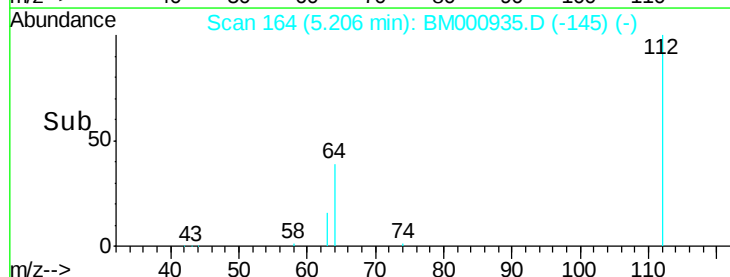
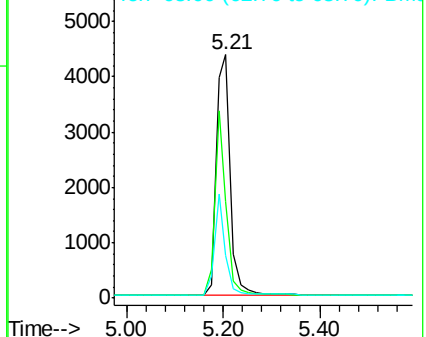
63 17.5 14.5 21.7

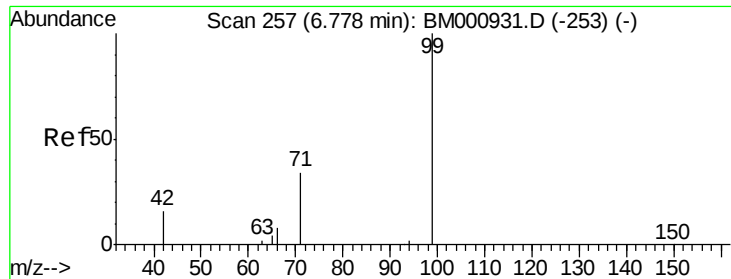


Abundance Ion 112.00 (111.70 to 112.70): BM000931.D (-159) (-)

Ion 64.00 (63.70 to 64.70): BM000931.D (-159) (-)

Ion 63.00 (62.70 to 63.70): BM000931.D (-159) (-)





#5

Phenol-d6

Concen: 0.42 ng

RT: 6.78 min Scan# 257

Delta R.T. 0.00 min

Lab File: BM000935.D

Acq: 09 Apr 2015 23:09

Instrument :

BNA_M

ClientSampleId :

ICVBM040915

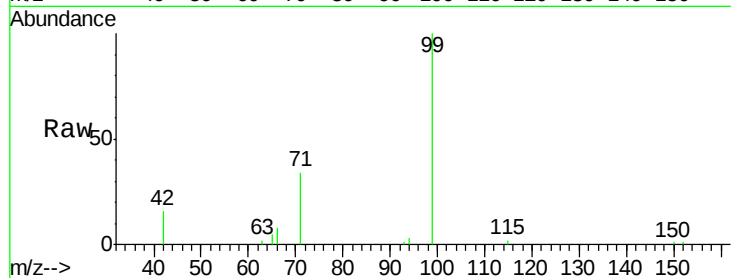
Tgt Ion: 99 Resp: 10807

Ion Ratio Lower Upper

99 100

42 16.3 14.1 21.1

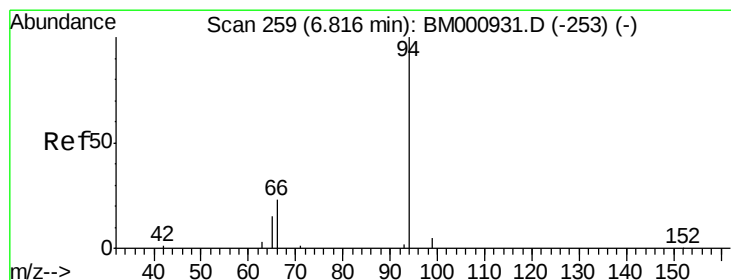
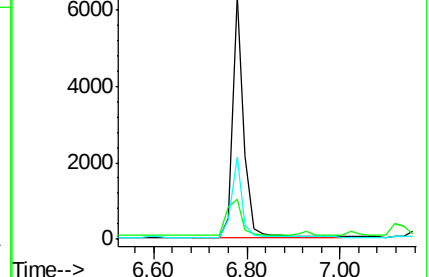
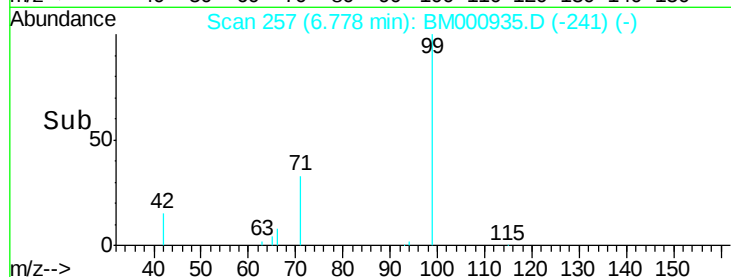
71 33.7 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM000935.D (-253) (-)

Ion 42.00 (41.70 to 42.70): BM000935.D (-253) (-)

Ion 71.00 (70.70 to 71.70): BM000935.D (-253) (-)



#6

Phenol

Concen: 0.43 ng

RT: 6.82 min Scan# 259

Delta R.T. 0.00 min

Lab File: BM000935.D

Acq: 09 Apr 2015 23:09

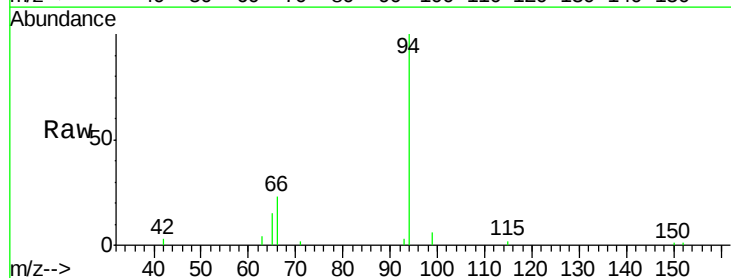
Tgt Ion: 94 Resp: 11006

Ion Ratio Lower Upper

94 100

65 15.2 0.0 36.0

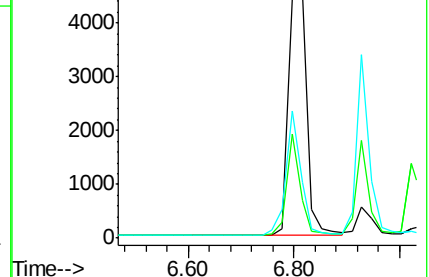
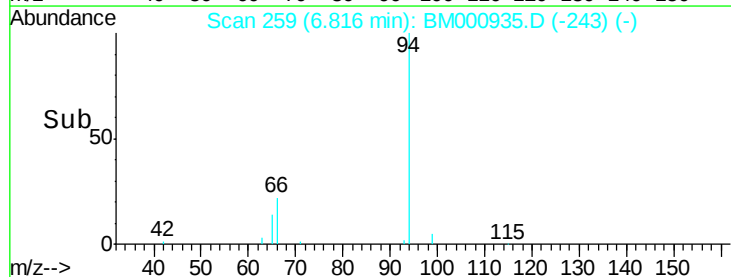
66 22.8 3.7 43.7

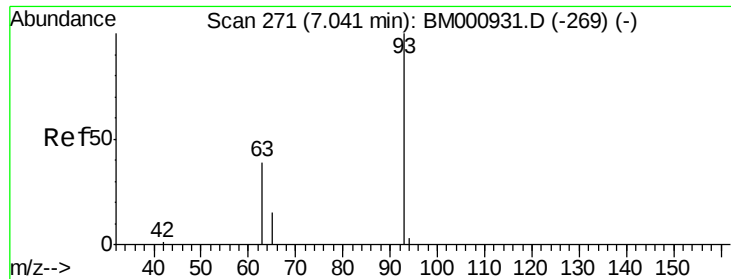


Abundance Ion 94.00 (93.70 to 94.70): BM000935.D (-253) (-)

Ion 65.00 (64.70 to 65.70): BM000935.D (-253) (-)

Ion 66.00 (65.70 to 66.70): BM000935.D (-253) (-)





#7

bis(2-Chloroethyl)ether

Concen: 0.44 ng

RT: 7.04 min Scan# 271

Delta R.T. 0.00 min

Lab File: BM000935.D

Acq: 09 Apr 2015 23:09

Instrument :

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ClientSampleId :

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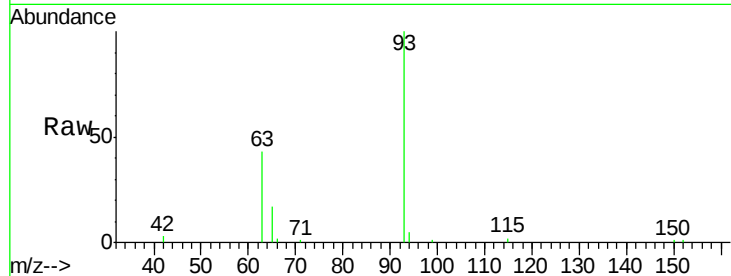
Tgt Ion: 93 Resp: 9778

Ion Ratio Lower Upper

93 100

63 42.5 24.0 64.0

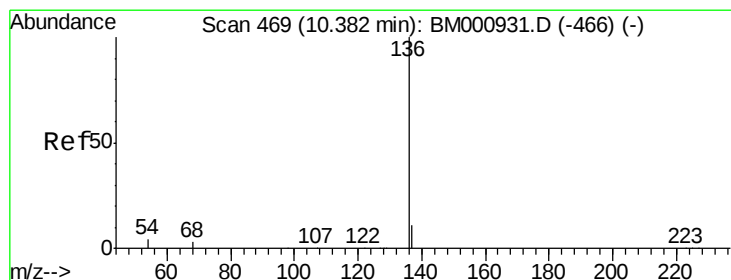
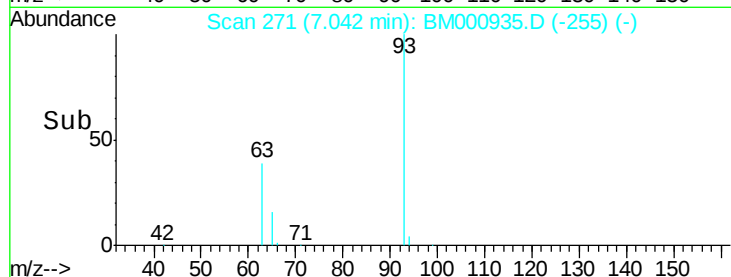
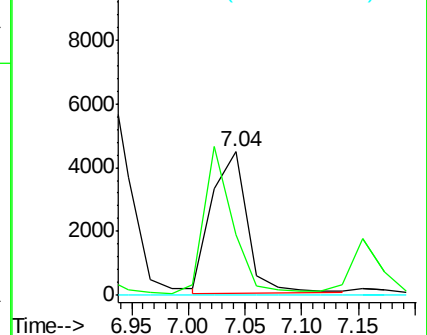
95 0.0 0.0 20.0



Abundance Ion 93.00 (92.70 to 93.70): BM000931.D (-269) (-)

Ion 63.00 (62.70 to 63.70): BM000931.D (-269) (-)

Ion 95.00 (94.70 to 95.70): BM000931.D (-269) (-)



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.38 min Scan# 469

Delta R.T. 0.00 min

Lab File: BM000935.D

Acq: 09 Apr 2015 23:09

Tgt Ion: 136 Resp: 147737

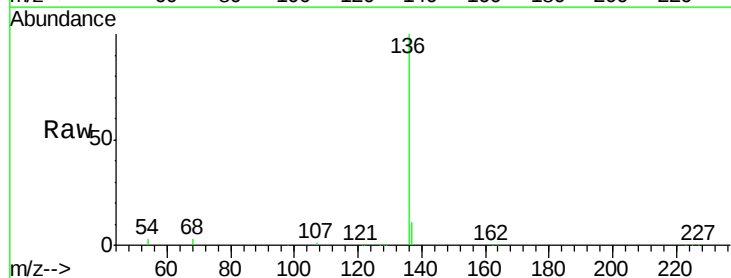
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 3.5 2.9 4.3

68 2.7 2.2 3.2

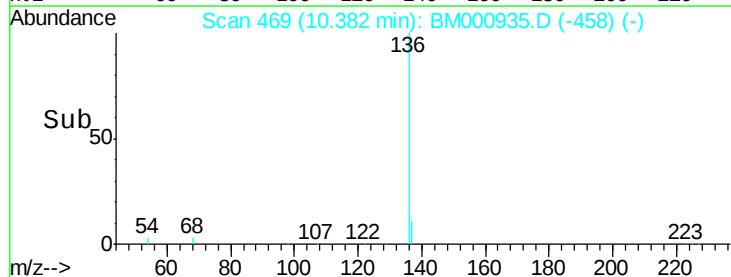
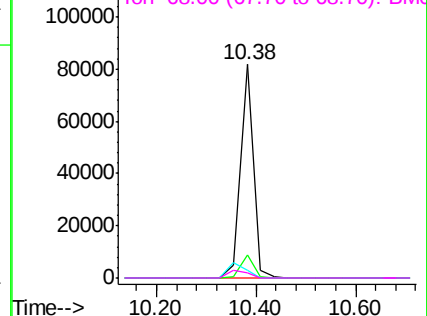


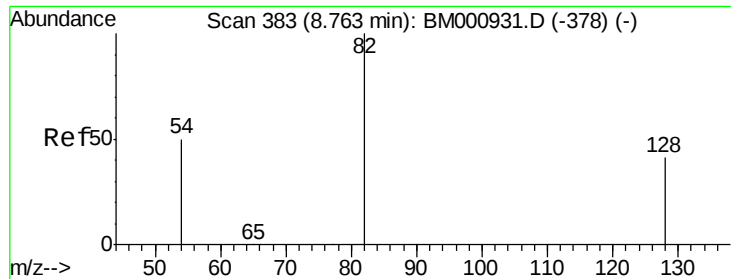
Abundance Ion 136.00 (135.70 to 136.70): BM000931.D (-466) (-)

Ion 137.00 (136.70 to 137.70): BM000931.D (-466) (-)

Ion 54.00 (53.70 to 54.70): BM000931.D (-466) (-)

Ion 68.00 (67.70 to 68.70): BM000931.D (-466) (-)

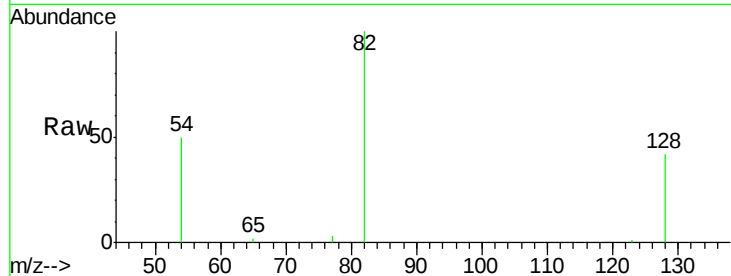




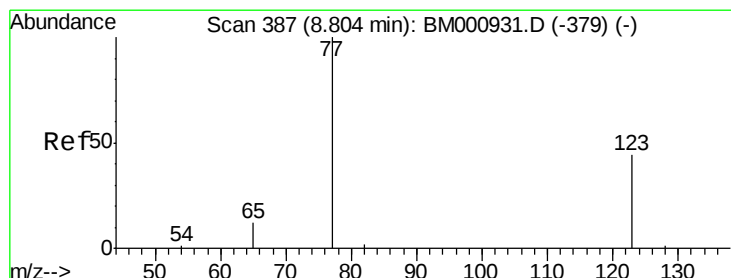
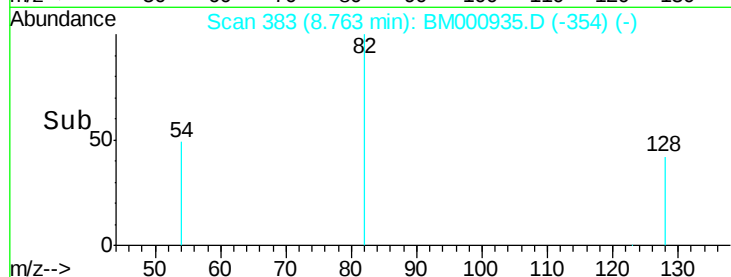
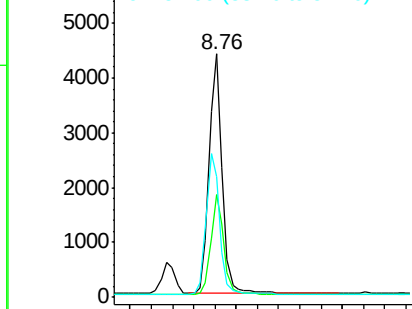
#9
 Nitrobenzene-d5
 Concen: 0.43 ng
 RT: 8.76 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: BM000935.D
 Acq: 09 Apr 2015 23:09

Instrument :
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Tgt Ion: 82 Resp: 7667
 Ion Ratio Lower Upper
 82 100
 128 42.4 33.4 50.0
 54 49.8 40.5 60.7

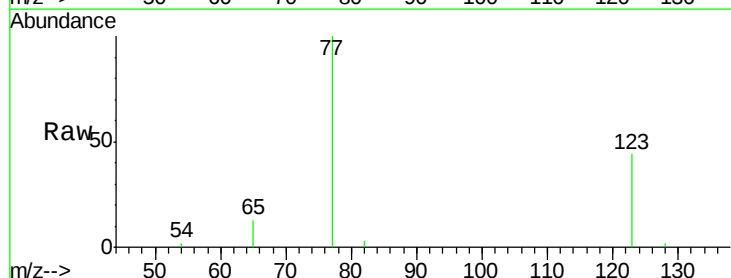


Abundance Ion 82.00 (81.70 to 82.70): BM0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BM0

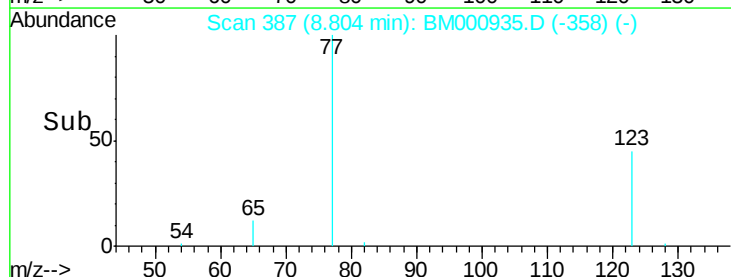
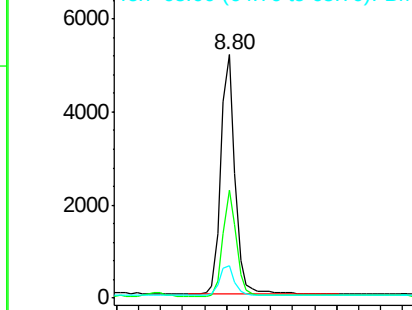


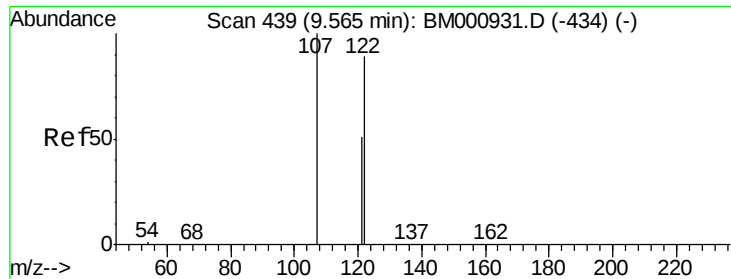
#10
 Nitrobenzene
 Concen: 0.43 ng
 RT: 8.80 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: BM000935.D
 Acq: 09 Apr 2015 23:09

Tgt Ion: 77 Resp: 9119
 Ion Ratio Lower Upper
 77 100
 123 44.3 35.0 52.6
 65 13.1 10.7 16.1



Abundance Ion 77.00 (76.70 to 77.70): BM0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BM0

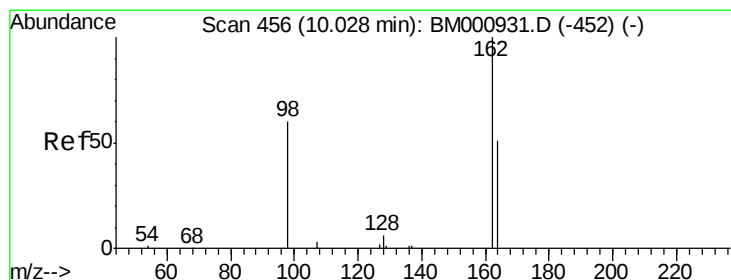
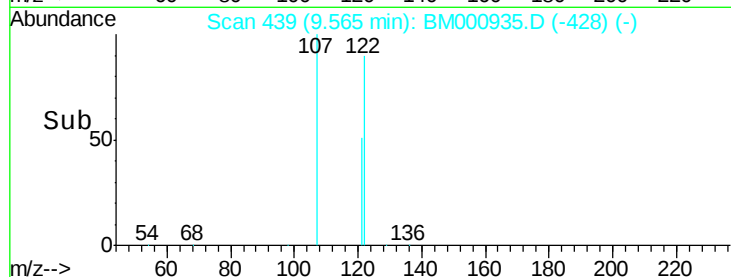
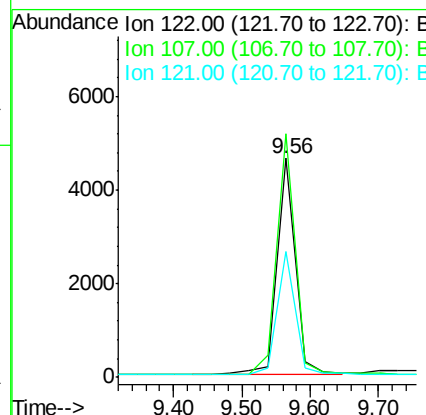
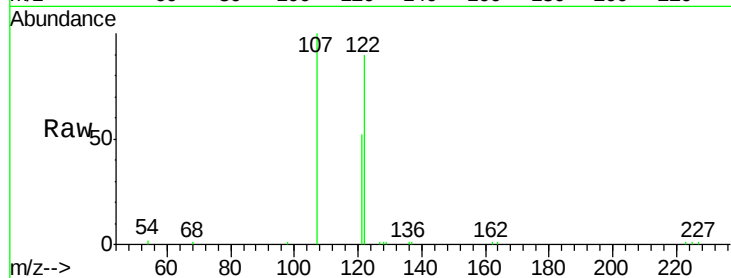




#11
 2,4-Dimethylphenol
 Concen: 0.45 ng
 RT: 9.56 min Scan# 439
 Delta R.T. 0.00 min
 Lab File: BM000935.D
 Acq: 09 Apr 2015 23:09

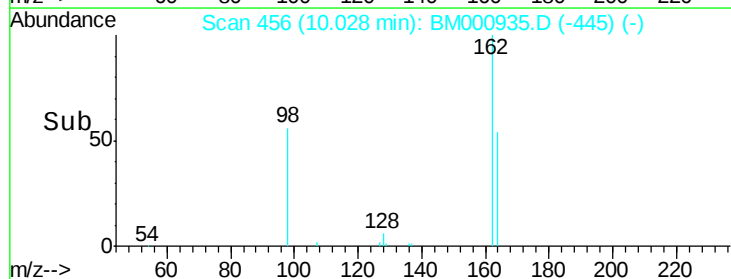
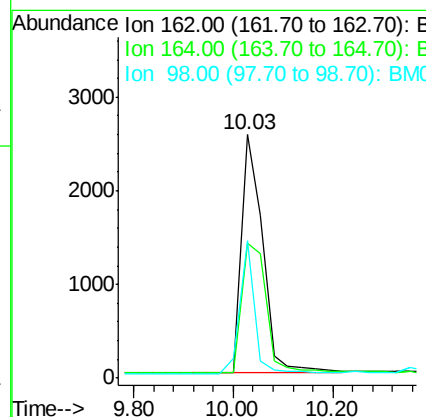
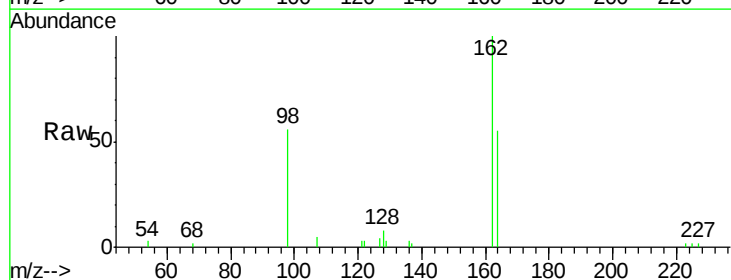
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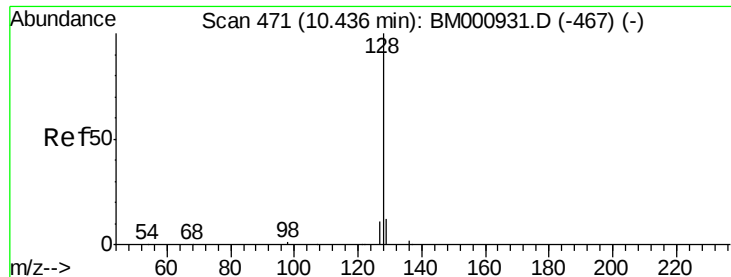
Tgt Ion:122 Resp: 8703
 Ion Ratio Lower Upper
 122 100
 107 111.1 89.8 134.6
 121 57.3 46.6 70.0



#12
 2,4-Dichlorophenol
 Concen: 0.40 ng
 RT: 10.03 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: BM000935.D
 Acq: 09 Apr 2015 23:09

Tgt Ion:162 Resp: 7598
 Ion Ratio Lower Upper
 162 100
 164 55.2 32.5 72.5
 98 56.3 40.5 80.5

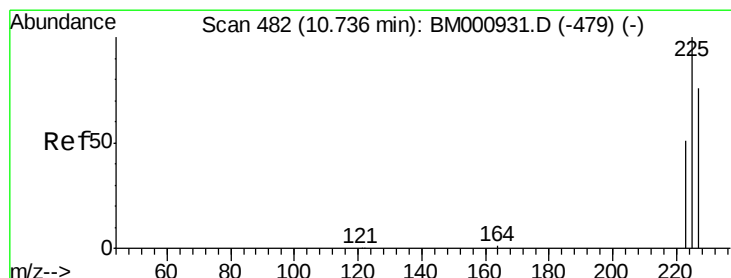
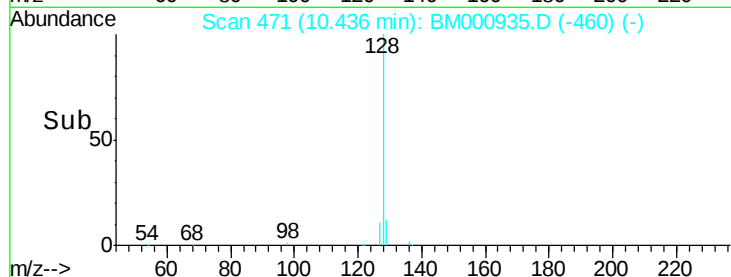
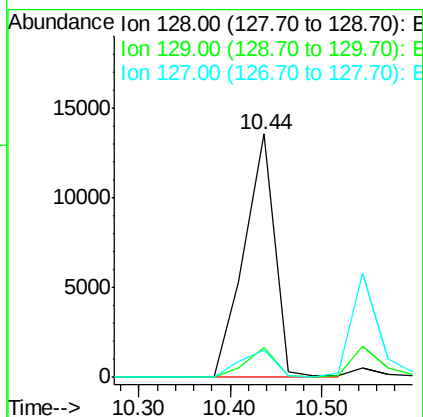
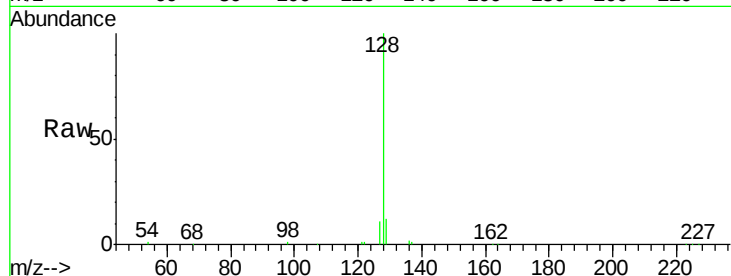




#13
Naphthalene
Concen: 0.42 ng
RT: 10.44 min Scan# 471
Delta R.T. 0.00 min
Lab File: BM000935.D
Acq: 09 Apr 2015 23:09

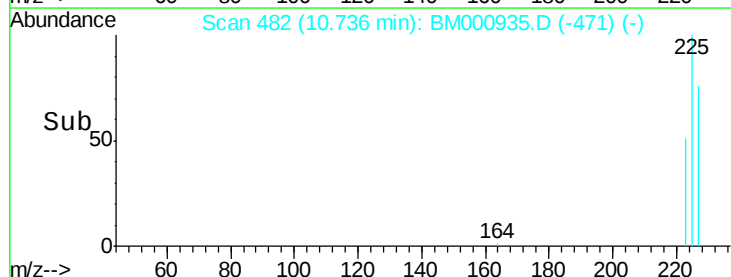
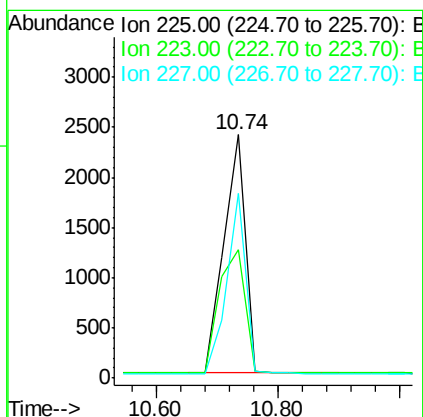
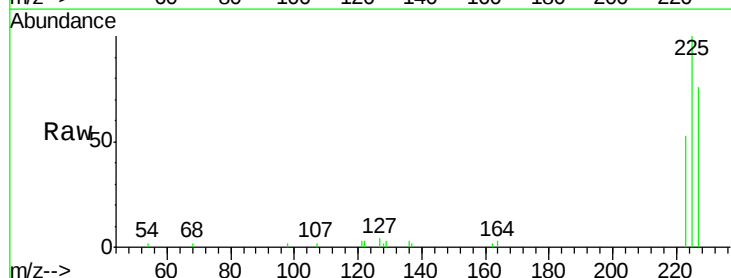
Instrument :
BNA_M
ClientSampleId :
ICVBM040915

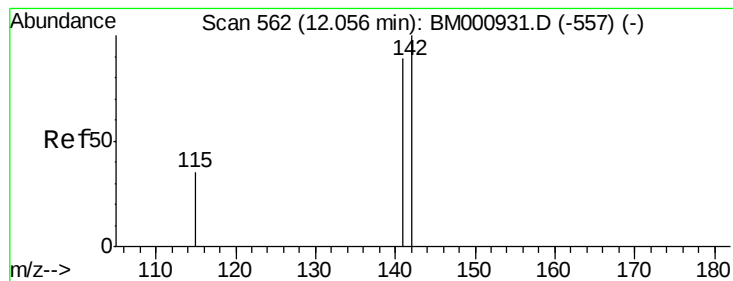
Tgt Ion:128 Resp: 31258
Ion Ratio Lower Upper
128 100
129 12.4 9.8 14.6
127 11.2 9.1 13.7



#14
Hexachlorobutadiene
Concen: 0.41 ng
RT: 10.74 min Scan# 482
Delta R.T. 0.00 min
Lab File: BM000935.D
Acq: 09 Apr 2015 23:09

Tgt Ion:225 Resp: 5817
Ion Ratio Lower Upper
225 100
223 52.6 42.2 63.2
227 76.1 61.4 92.2





#15

2-Methylnaphthalene

Concen: 0.43 ng

RT: 12.06 min Scan# 562

Delta R.T. 0.00 min

Lab File: BM000935.D

Acq: 09 Apr 2015 23:09

Instrument :

BNA_M

ClientSampleId :

ICVBM040915

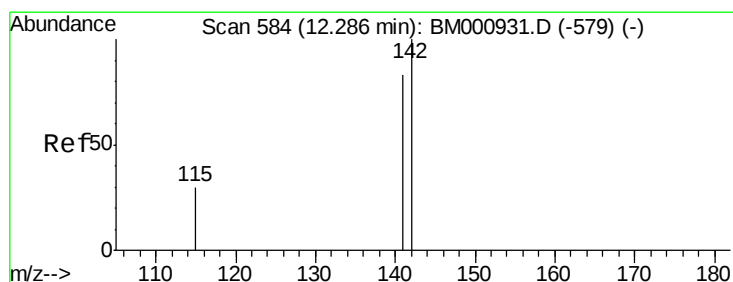
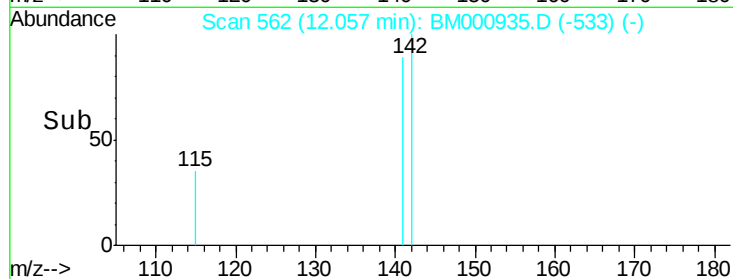
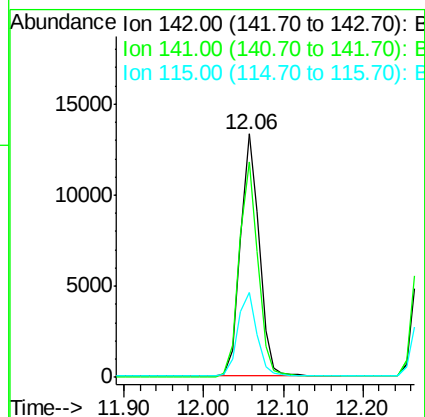
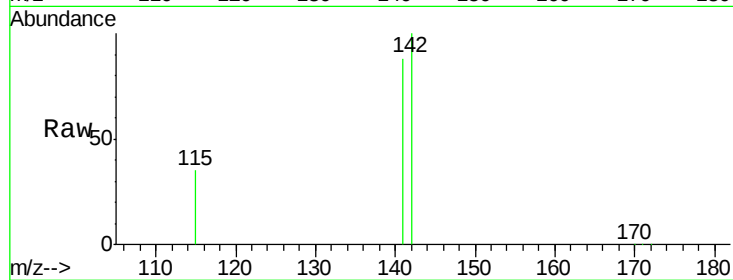
Tgt Ion:142 Resp: 21813

Ion Ratio Lower Upper

142 100

141 88.3 71.2 106.8

115 34.9 28.3 42.5



#16

1-Methylnaphthalene

Concen: 0.44 ng

RT: 12.28 min Scan# 583

Delta R.T. -0.01 min

Lab File: BM000935.D

Acq: 09 Apr 2015 23:09

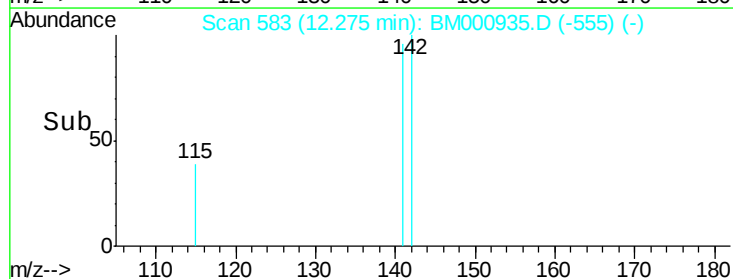
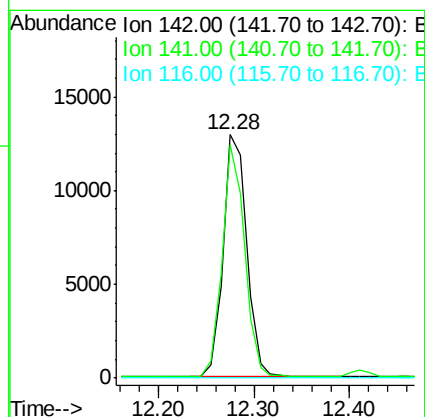
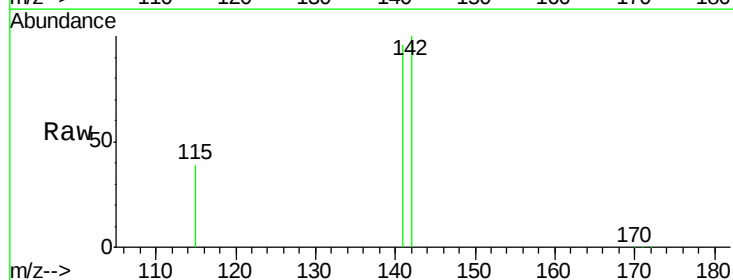
Tgt Ion:142 Resp: 22193

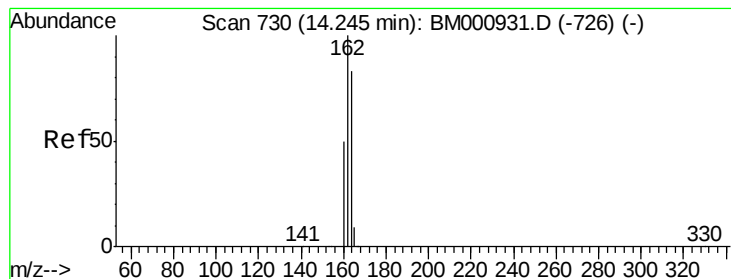
Ion Ratio Lower Upper

142 100

141 95.8 66.7 100.1

116 0.0 0.0 0.0





#17

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.26 min Scan# 731

Delta R.T. 0.01 min

Lab File: BM000935.D

Acq: 09 Apr 2015 23:09

Instrument :

BNA_M

ClientSampleId :

ICVBM040915

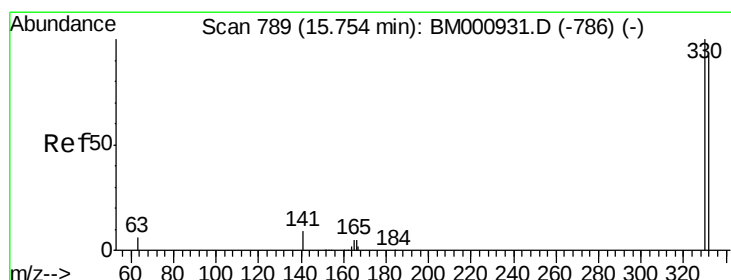
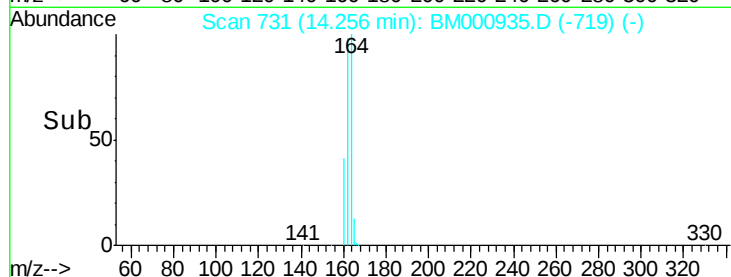
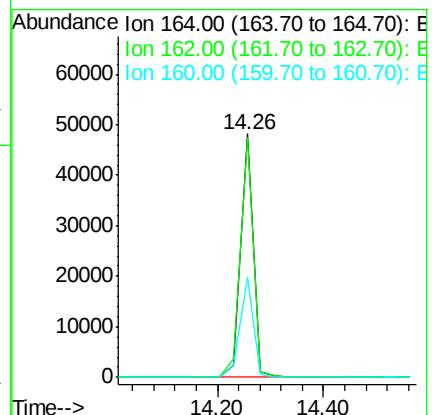
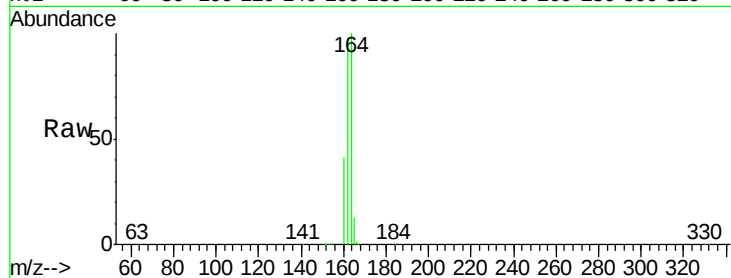
Tgt Ion:164 Resp: 79561

Ion Ratio Lower Upper

164 100

162 98.3 96.1 144.1

160 41.2 48.2 72.2#



#18

2,4,6-Tribromophenol

Concen: 0.29 ng

RT: 15.76 min Scan# 790

Delta R.T. 0.01 min

Lab File: BM000935.D

Acq: 09 Apr 2015 23:09

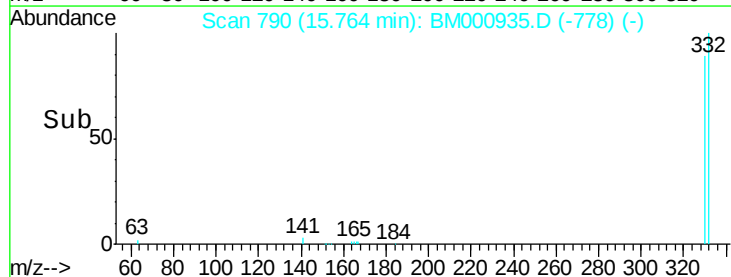
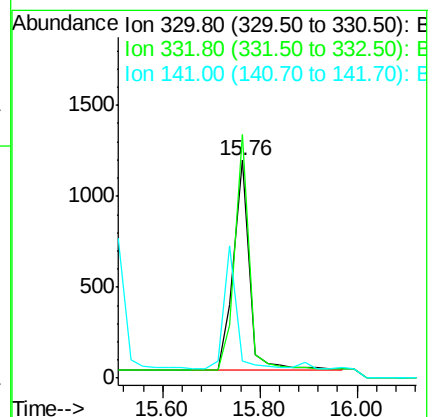
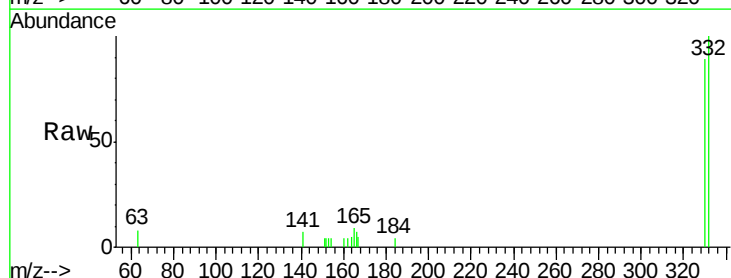
Tgt Ion:330 Resp: 2606

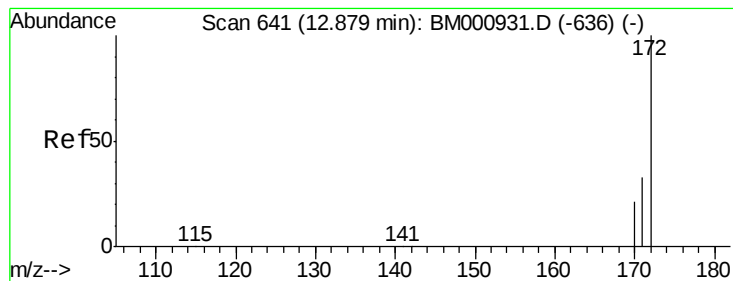
Ion Ratio Lower Upper

330 100

332 101.3 75.4 113.2

141 0.0 0.0 0.0





#19

2-Fluorobiphenyl

Concen: 0.34 ng

RT: 12.88 min Scan# 641

Delta R.T. 0.00 min

Lab File: BM000935.D

Acq: 09 Apr 2015 23:09

Instrument :

BNA_M

ClientSampleId :

ICVBM040915

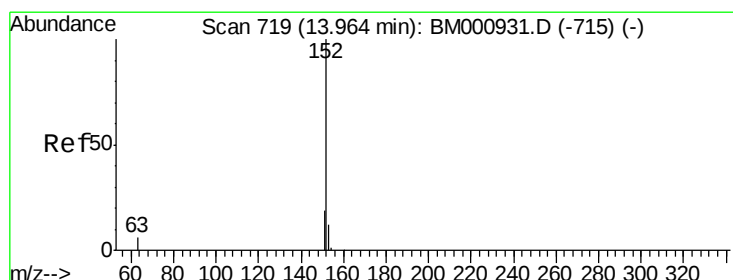
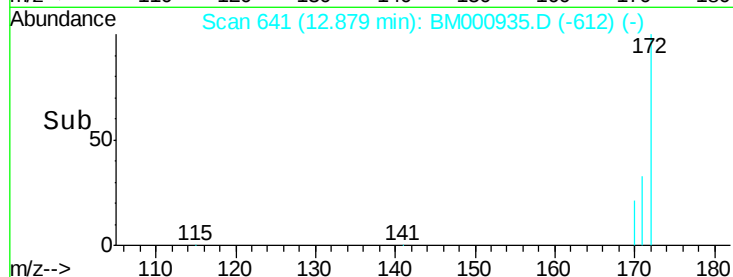
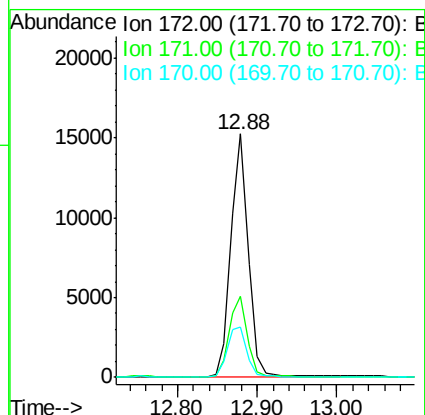
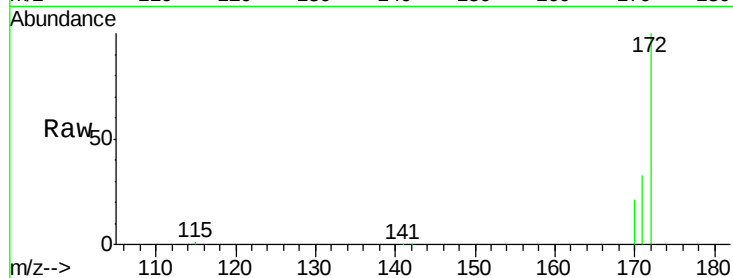
Tgt Ion:172 Resp: 22870

Ion Ratio Lower Upper

172 100

171 33.2 26.7 40.1

170 20.8 17.0 25.4



#20

Acenaphthylene

Concen: 0.28 ng

RT: 13.97 min Scan# 720

Delta R.T. 0.01 min

Lab File: BM000935.D

Acq: 09 Apr 2015 23:09

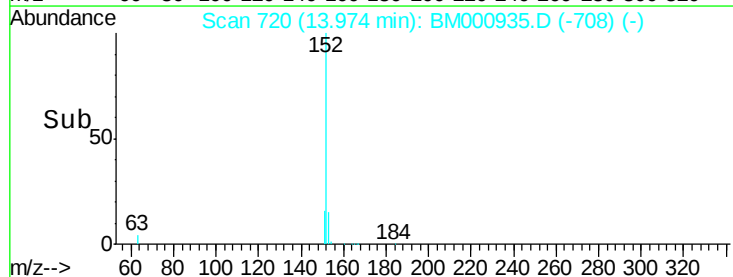
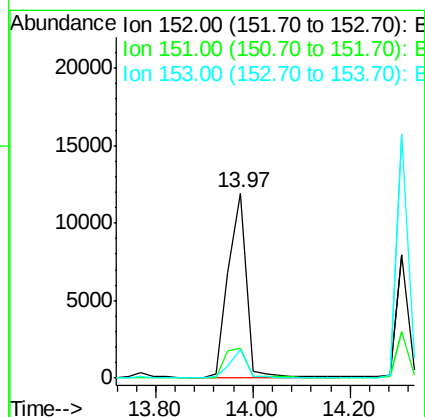
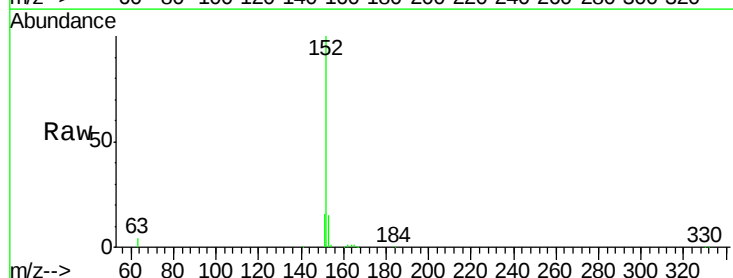
Tgt Ion:152 Resp: 30445

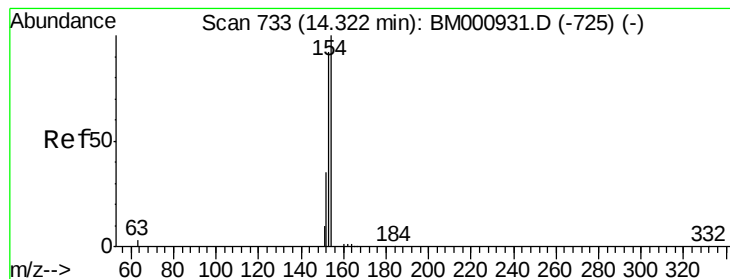
Ion Ratio Lower Upper

152 100

151 16.0 15.4 23.0

153 15.2 10.2 15.2





#21

Acenaphthene

Concen: 0.38 ng

RT: 14.31 min Scan# 733

Delta R.T. -0.02 min

Lab File: BM000935.D

Acq: 09 Apr 2015 23:09

Instrument :

BNA_M

ClientSampleId :

ICVBM040915

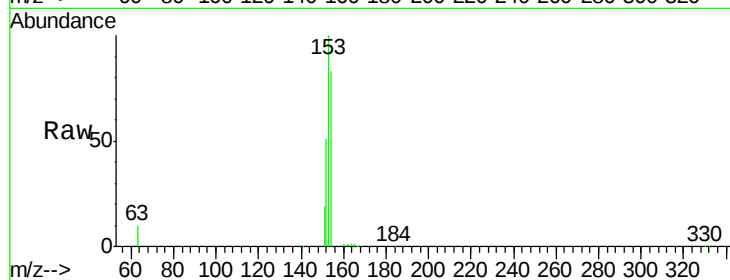
Tgt Ion:154 Resp: 23238

Ion Ratio Lower Upper

154 100

153 121.2 73.7 110.5#

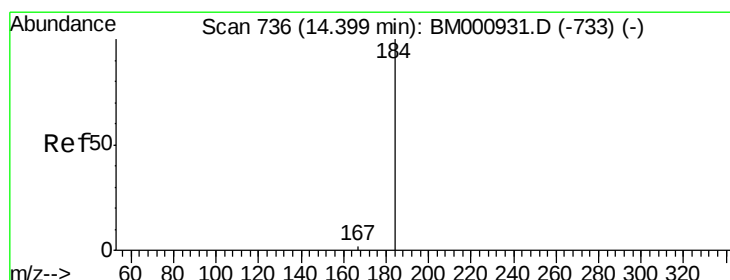
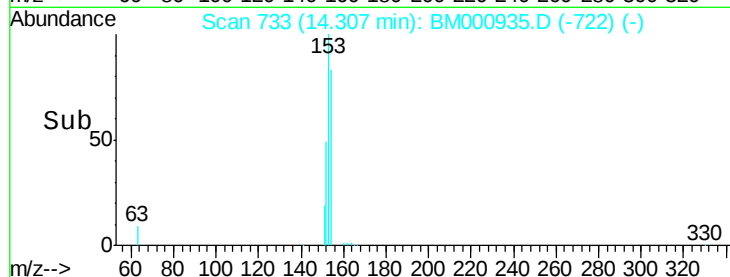
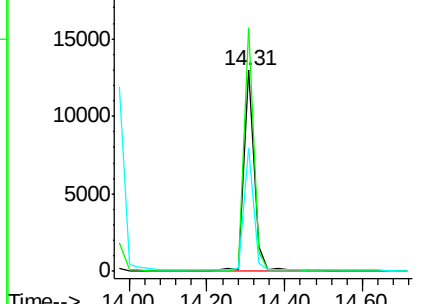
152 61.3 29.0 43.6#



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



#22

2,4-Dinitrophenol

Concen: 0.45 ng

RT: 14.38 min Scan# 736

Delta R.T. -0.02 min

Lab File: BM000935.D

Acq: 09 Apr 2015 23:09

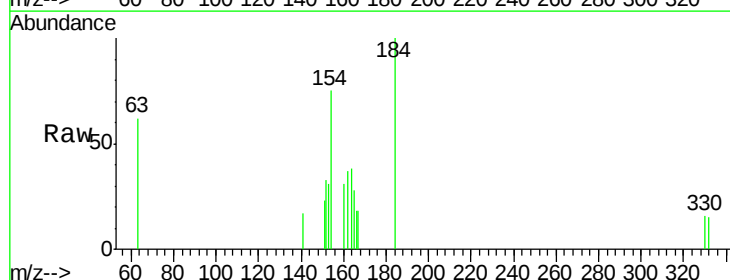
Tgt Ion:184 Resp: 732

Ion Ratio Lower Upper

184 100

63 61.7 39.0 58.4#

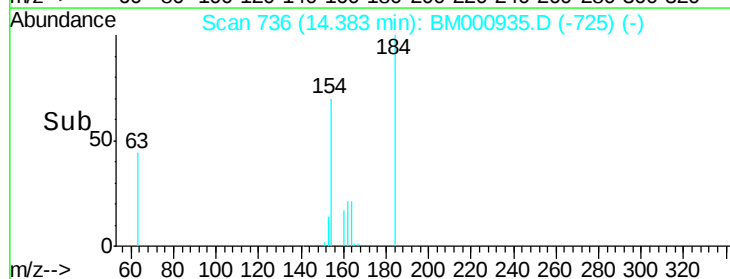
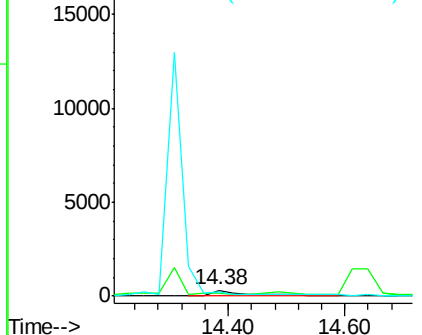
154 75.3 43.8 65.8#

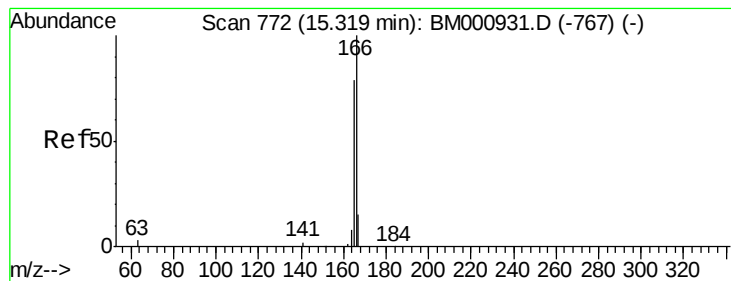


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#23

Fluorene

Concen: 0.42 ng

RT: 15.30 min Scan# 772

Delta R.T. -0.02 min

Lab File: BM000935.D

Acq: 09 Apr 2015 23:09

Instrument :

BNA_M

ClientSampleId :

ICVBM040915

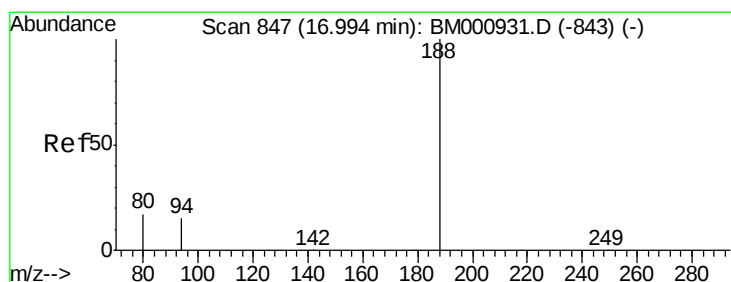
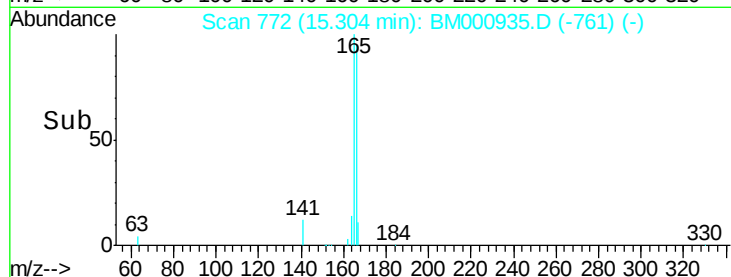
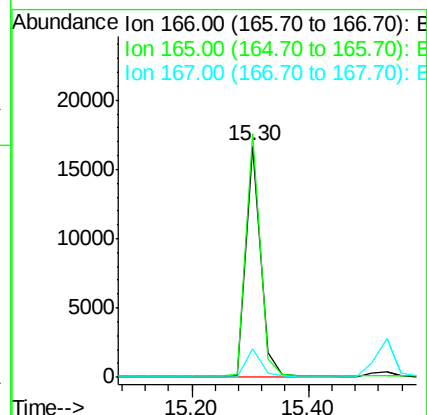
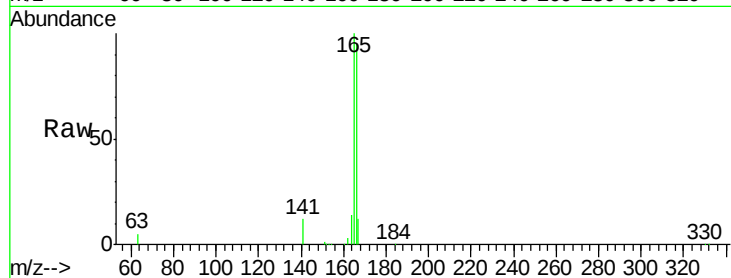
Tgt Ion:166 Resp: 28795

Ion Ratio Lower Upper

166 100

165 105.3 63.7 95.5#

167 12.3 12.7 19.1#



#24

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.00 min Scan# 848

Delta R.T. 0.01 min

Lab File: BM000935.D

Acq: 09 Apr 2015 23:09

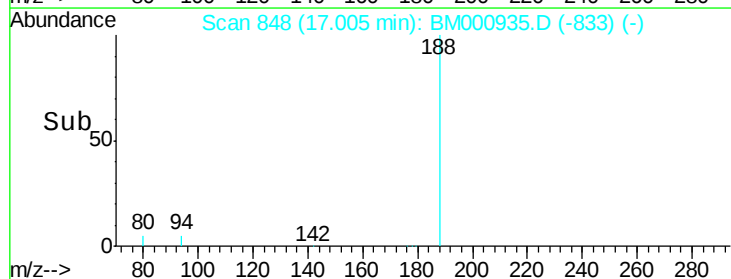
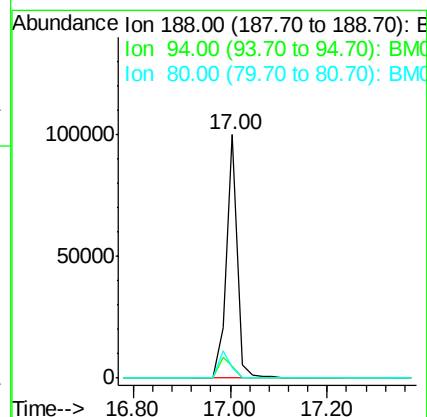
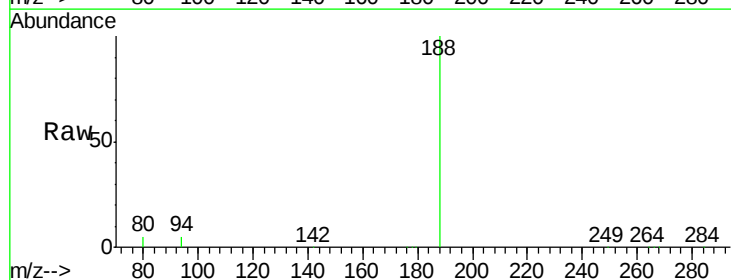
Tgt Ion:188 Resp: 158347

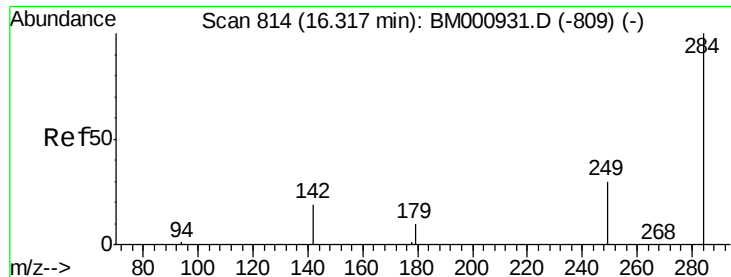
Ion Ratio Lower Upper

188 100

94 5.2 12.2 18.4#

80 4.6 13.4 20.0#





#25

Hexachlorobenzene

Concen: 0.37 ng

RT: 16.33 min Scan# 815

Delta R.T. 0.01 min

Lab File: BM000935.D

Acq: 09 Apr 2015 23:09

Instrument :

BNA_M

ClientSampleId :

ICVBM040915

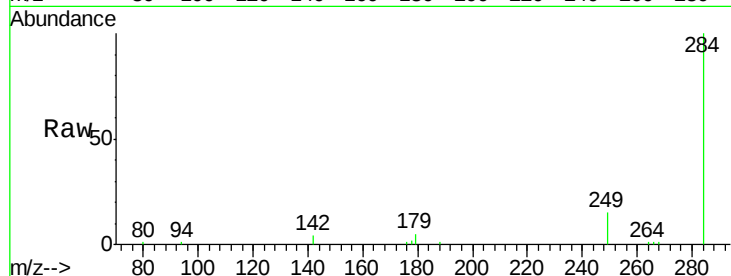
Tgt Ion:284 Resp: 8782

Ion Ratio Lower Upper

284 100

142 4.0 16.2 24.2#

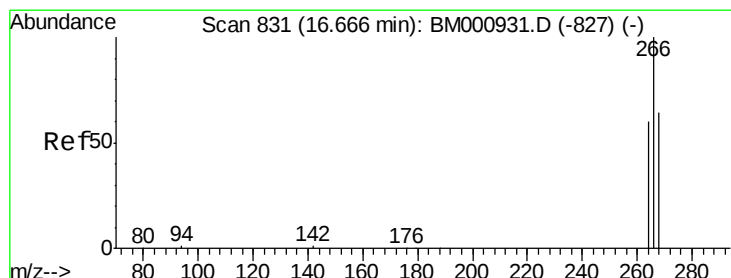
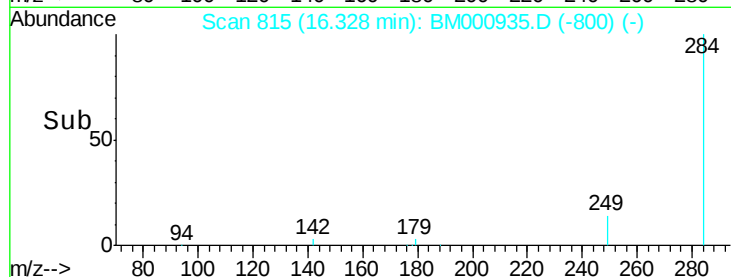
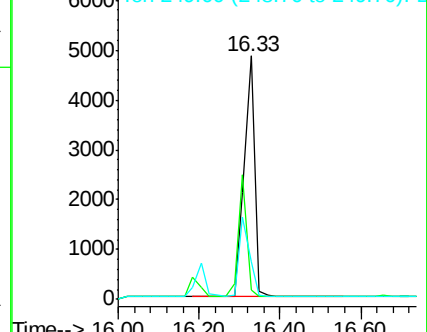
249 15.2 27.4 41.2#



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



#26

Pentachlorophenol

Concen: 0.37 ng

RT: 16.66 min Scan# 831

Delta R.T. -0.01 min

Lab File: BM000935.D

Acq: 09 Apr 2015 23:09

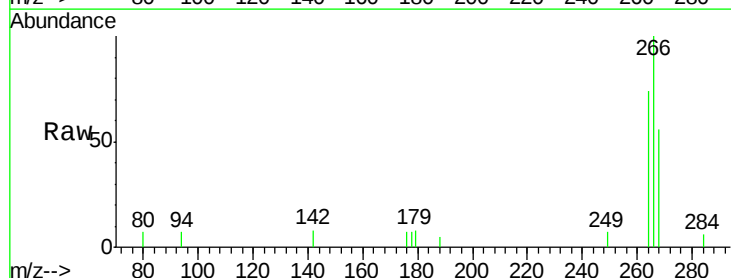
Tgt Ion:266 Resp: 2520

Ion Ratio Lower Upper

266 100

268 56.0 53.0 79.4

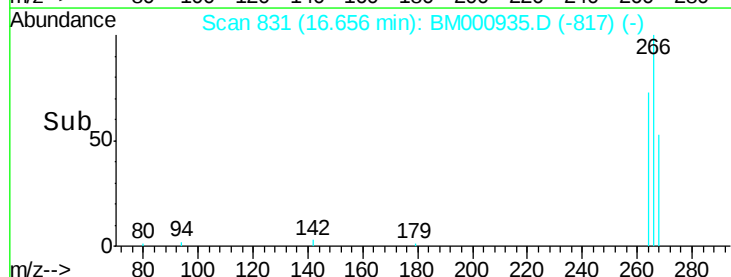
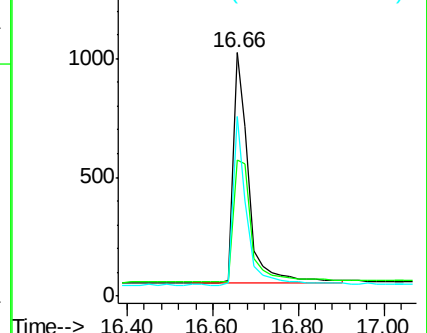
264 74.0 49.4 74.0

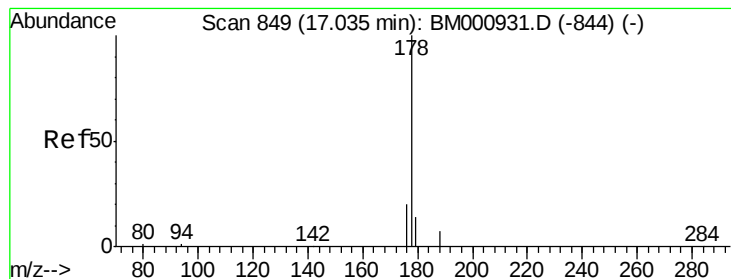


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#27

Phenanthrene

Concen: 0.38 ng

RT: 17.05 min Scan# 850

Delta R.T. 0.01 min

Lab File: BM000935.D

Acq: 09 Apr 2015 23:09

Instrument :

BNA_M

ClientSampleId :

ICVBM040915

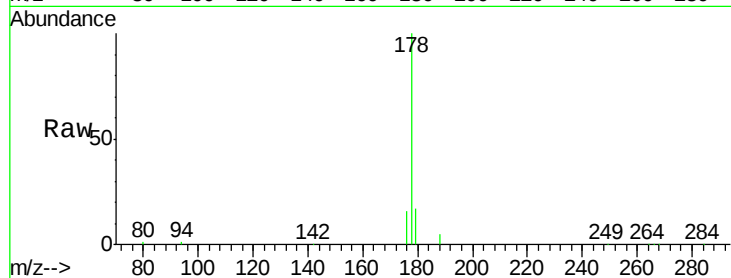
Tgt Ion:178 Resp: 41972

Ion Ratio Lower Upper

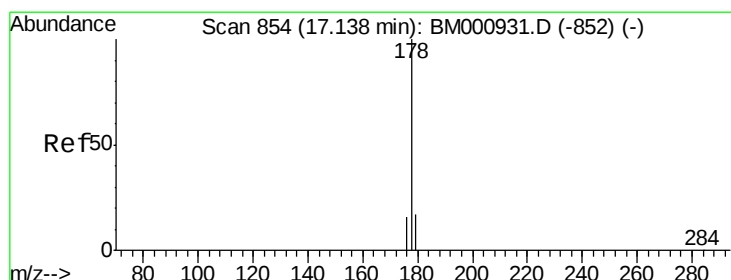
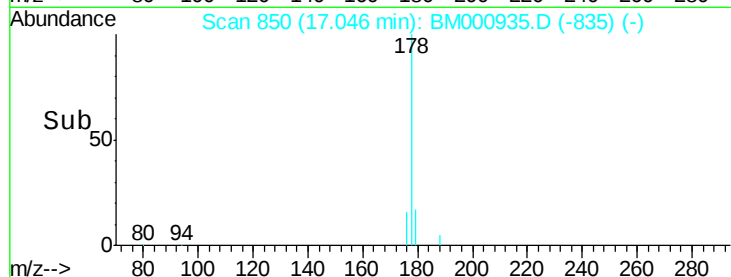
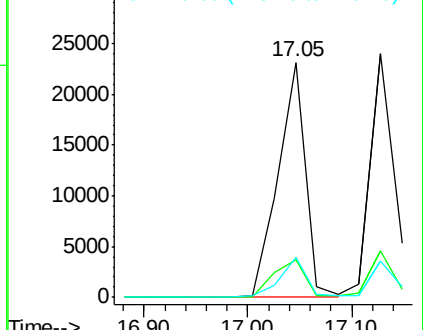
178 100

176 16.2 16.0 24.0

179 17.1 11.4 17.2



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



#28

Anthracene

Concen: 0.42 ng

RT: 17.13 min Scan# 854

Delta R.T. -0.01 min

Lab File: BM000935.D

Acq: 09 Apr 2015 23:09

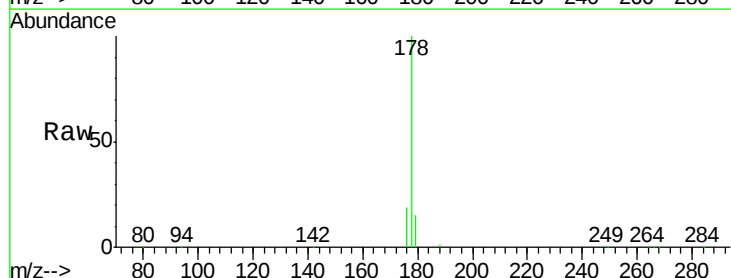
Tgt Ion:178 Resp: 39537

Ion Ratio Lower Upper

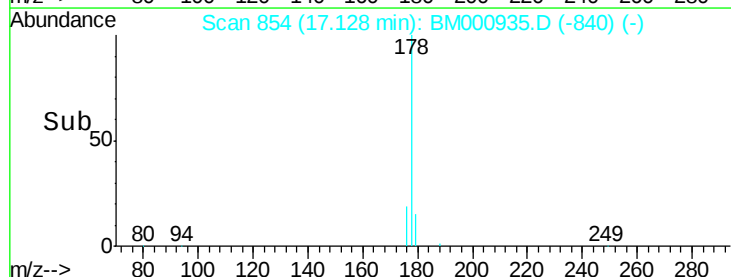
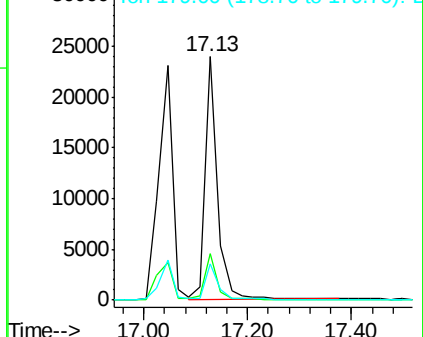
178 100

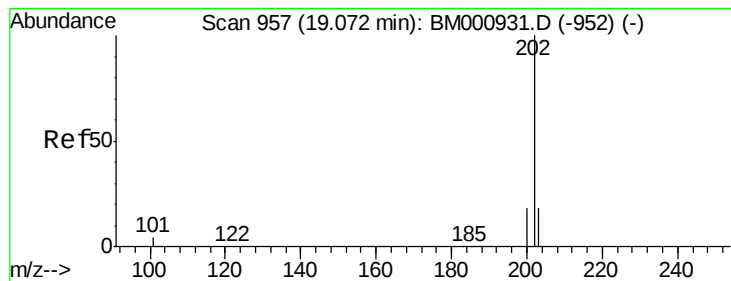
176 18.9 12.7 19.1

179 14.8 13.9 20.9



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





#29

Fluoranthene

Concen: 0.40 ng

RT: 19.06 min Scan# 957

Delta R.T. -0.01 min

Lab File: BM000935.D

Acq: 09 Apr 2015 23:09

Instrument :

BNA_M

ClientSampleId :

ICVBM040915

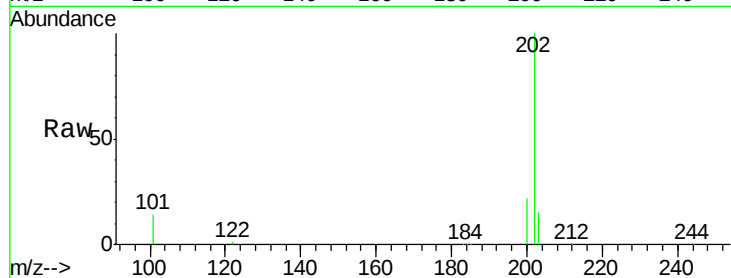
Tgt Ion:202 Resp: 44611

Ion Ratio Lower Upper

202 100

101 13.6 0.0 24.1

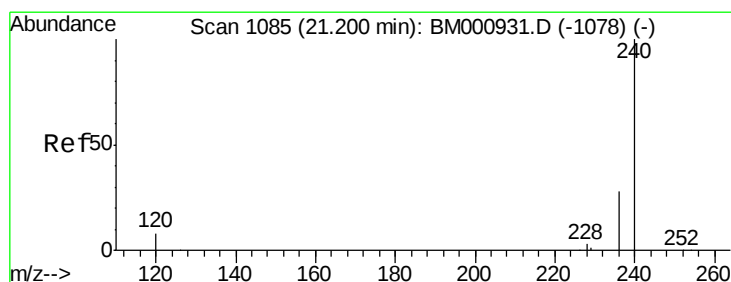
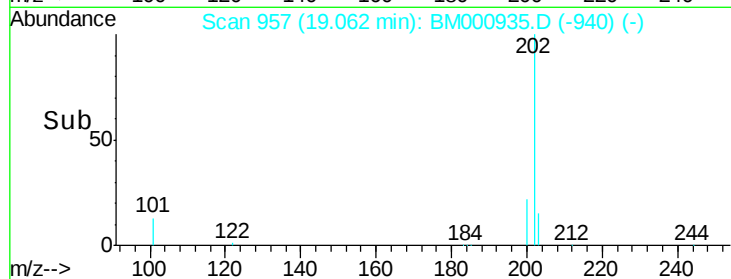
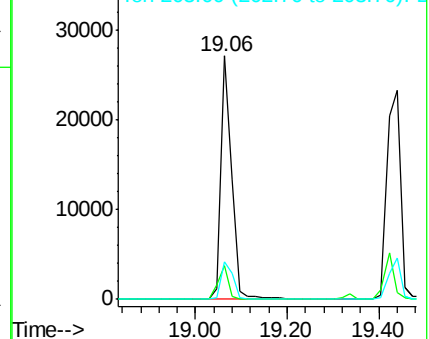
203 15.3 0.0 38.4



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



#30

Chrysene-d12

Concen: 5.00 ng

RT: 21.20 min Scan# 1086

Delta R.T. 0.00 min

Lab File: BM000935.D

Acq: 09 Apr 2015 23:09

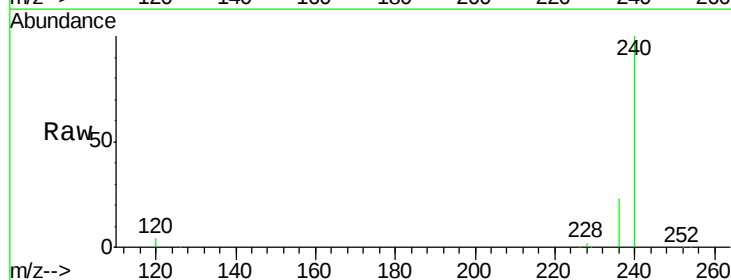
Tgt Ion:240 Resp: 136063

Ion Ratio Lower Upper

240 100

120 3.7 6.8 10.2#

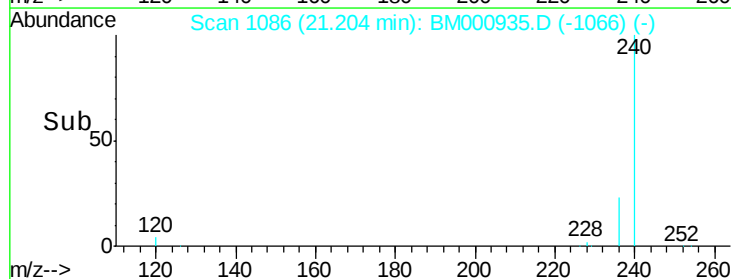
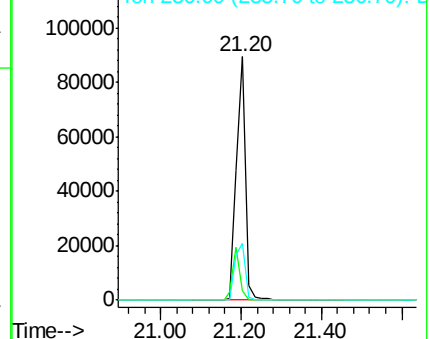
236 23.2 22.1 33.1

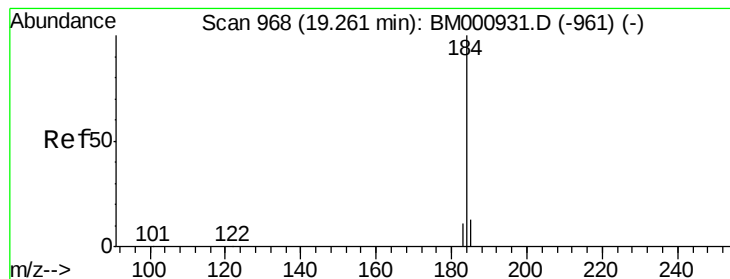


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#31

Benzidine

Concen: 0.50 ng

RT: 19.27 min Scan# 969

Delta R.T. 0.01 min

Lab File: BM000935.D

Acq: 09 Apr 2015 23:09

Instrument :

BNA_M

ClientSampleId :

ICVBM040915

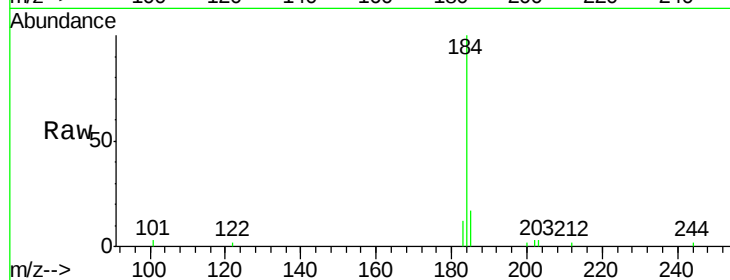
Tgt Ion:184 Resp: 8015

Ion Ratio Lower Upper

184 100

185 17.0 12.2 18.4

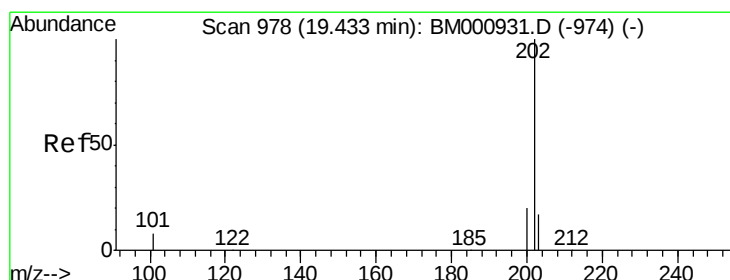
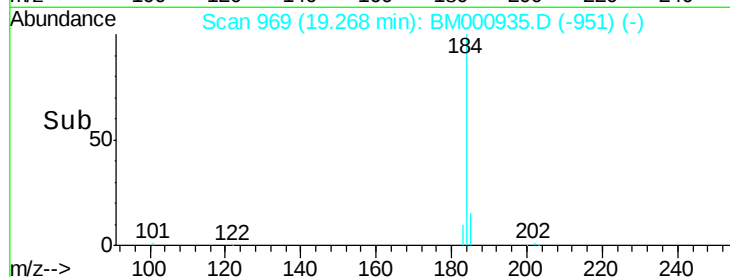
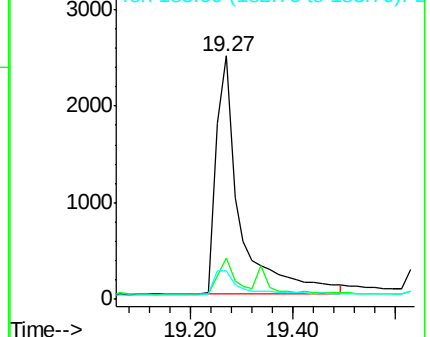
183 11.7 10.3 15.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#32

Pyrene

Concen: 0.42 ng

RT: 19.44 min Scan# 979

Delta R.T. 0.01 min

Lab File: BM000935.D

Acq: 09 Apr 2015 23:09

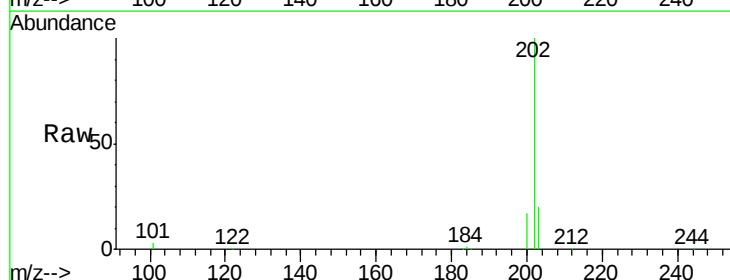
Tgt Ion:202 Resp: 47255

Ion Ratio Lower Upper

202 100

200 17.2 16.2 24.4

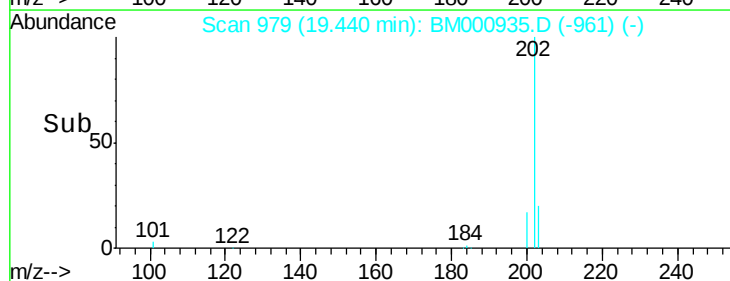
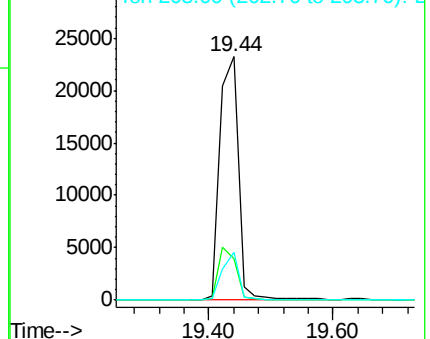
203 19.9 13.5 20.3

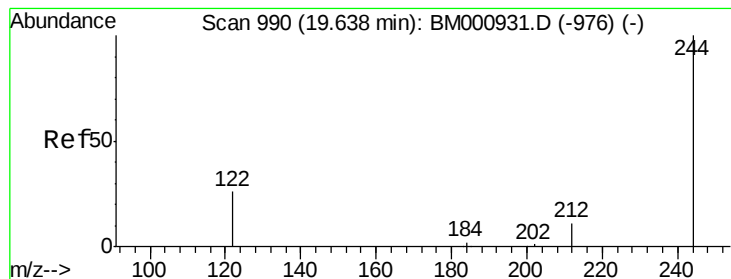


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#33

Terphenyl-d14

Concen: 0.45 ng

RT: 19.65 min Scan# 991

Delta R.T. 0.01 min

Lab File: BM000935.D

Acq: 09 Apr 2015 23:09

Instrument :

BNA_M

ClientSampleId :

ICVBM040915

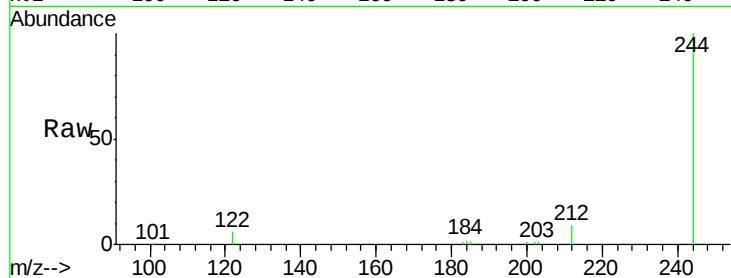
Tgt Ion:244 Resp: 18195

Ion Ratio Lower Upper

244 100

212 9.1 9.4 14.0#

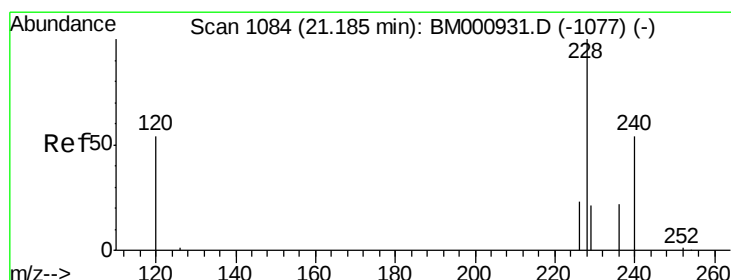
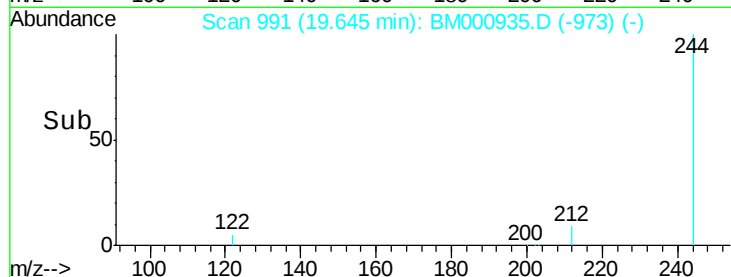
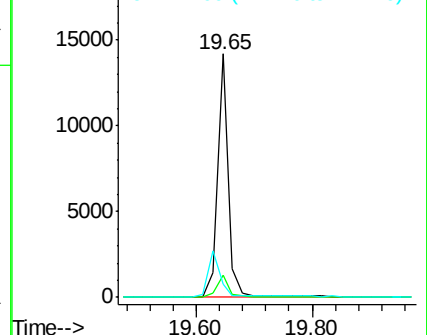
122 5.6 20.9 31.3#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#34

Benzo(a)anthracene

Concen: 0.44 ng

RT: 21.23 min Scan# 1088

Delta R.T. 0.05 min

Lab File: BM000935.D

Acq: 09 Apr 2015 23:09

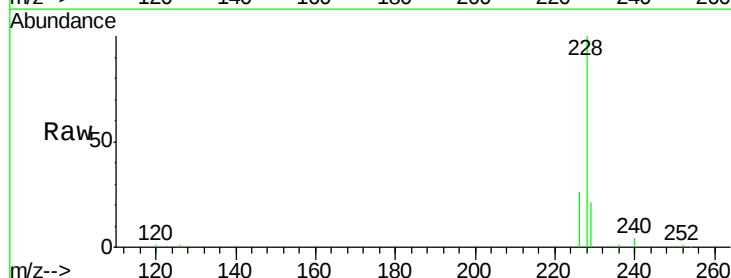
Tgt Ion:228 Resp: 42115

Ion Ratio Lower Upper

228 100

226 25.5 18.9 28.3

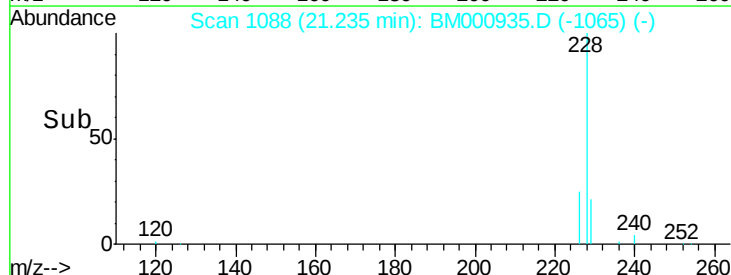
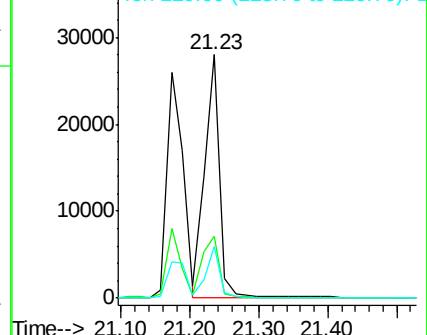
229 21.0 16.8 25.2

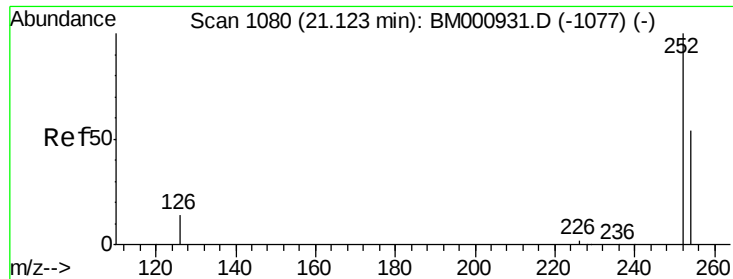


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

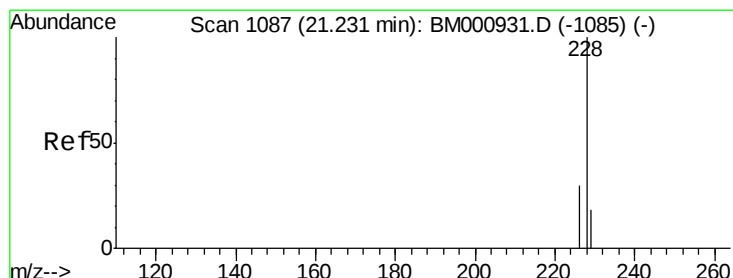
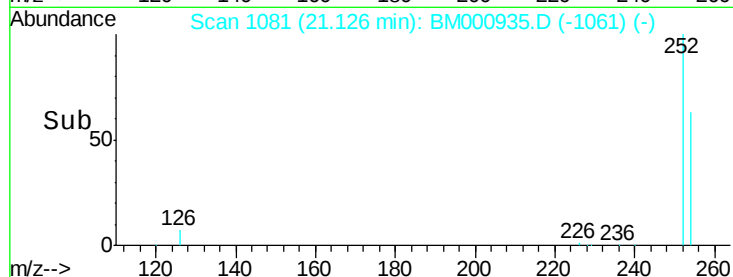
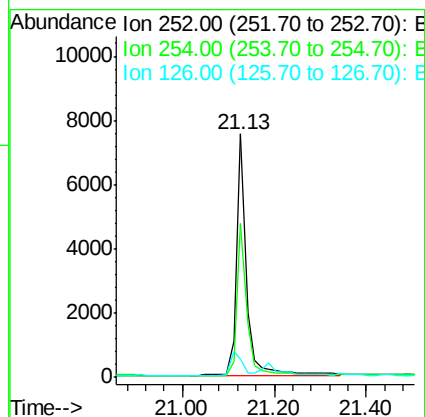
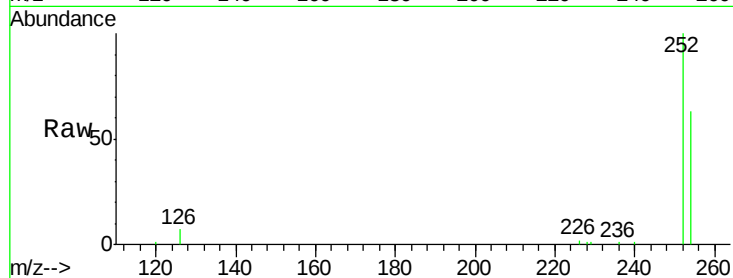




#35
 3,3'-Dichlorobenzidine
 Concen: 0.48 ng
 RT: 21.13 min Scan# 1081
 Delta R.T. 0.00 min
 Lab File: BM000935.D
 Acq: 09 Apr 2015 23:09

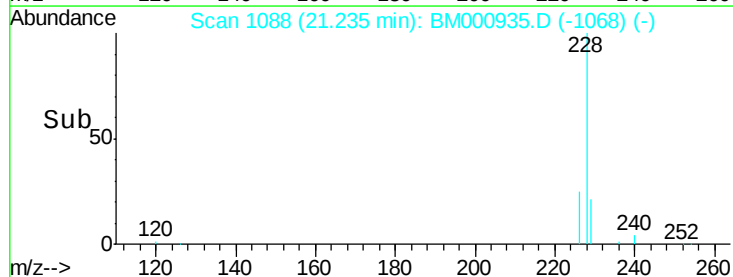
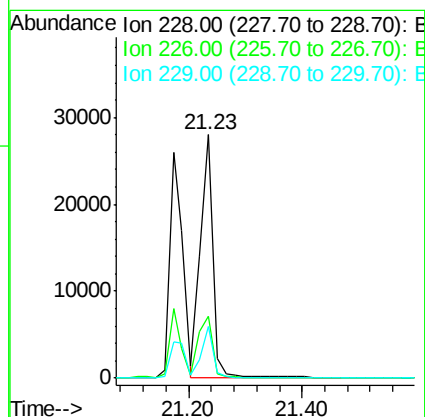
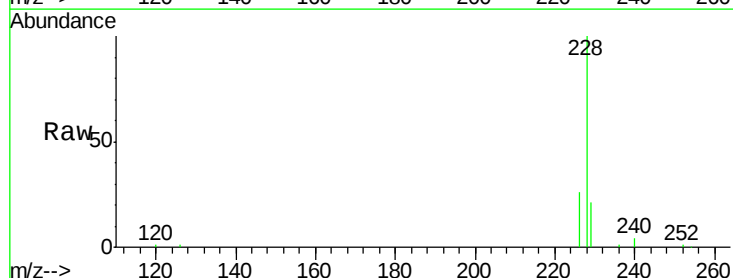
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM040915

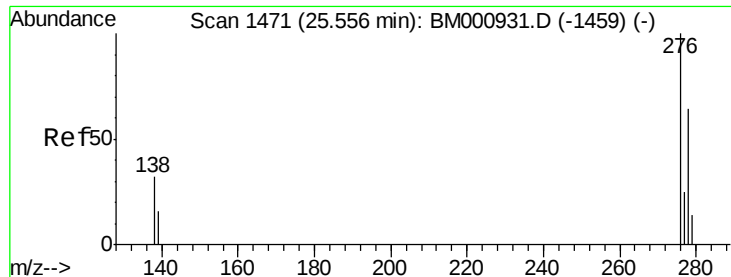
Tgt Ion: 252 Resp: 11208
 Ion Ratio Lower Upper
 252 100
 254 63.2 43.4 65.2
 126 7.4 12.3 18.5#



#36
 Chrysene
 Concen: 0.42 ng
 RT: 21.23 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: BM000935.D
 Acq: 09 Apr 2015 23:09

Tgt Ion: 228 Resp: 42310
 Ion Ratio Lower Upper
 228 100
 226 25.5 23.4 35.2
 229 21.0 15.0 22.6

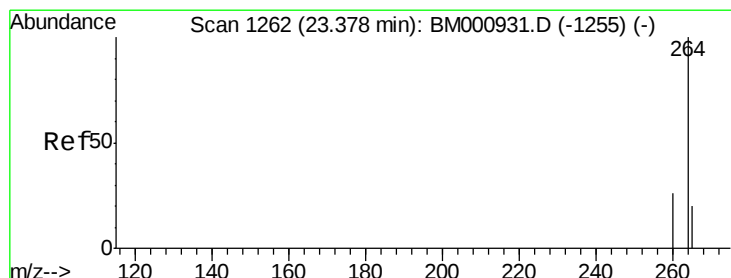
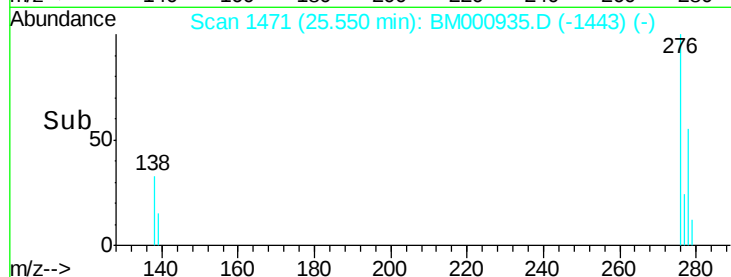
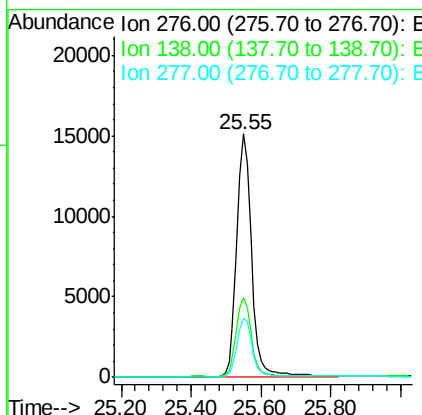
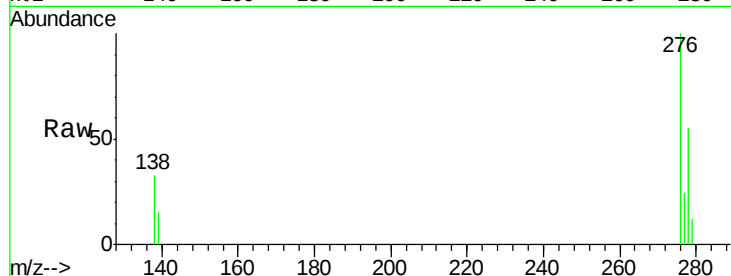




#37
 Indeno(1,2,3-cd)pyrene
 Concen: 0.44 ng
 RT: 25.55 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BM000935.D
 Acq: 09 Apr 2015 23:09

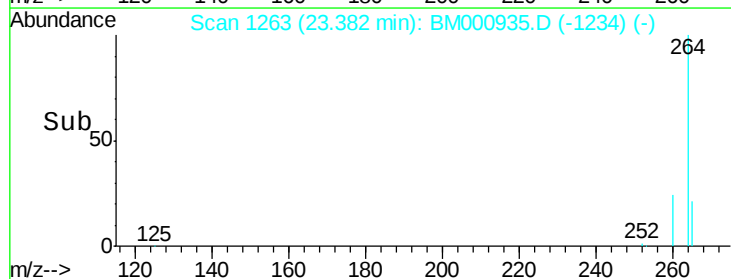
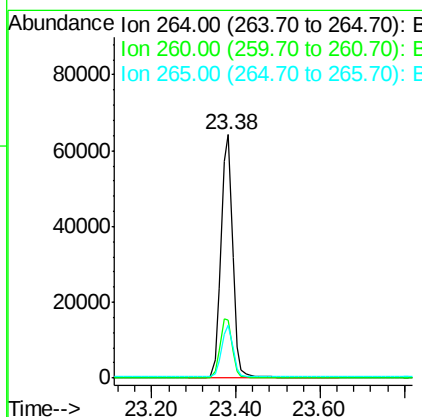
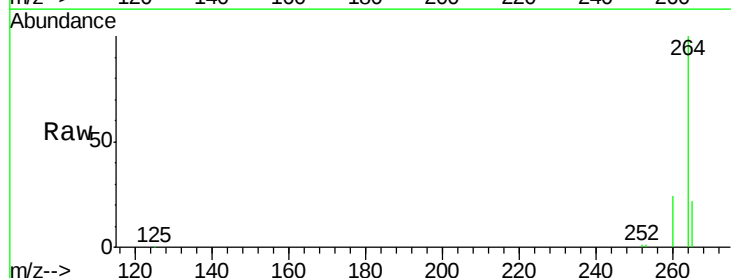
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM040915

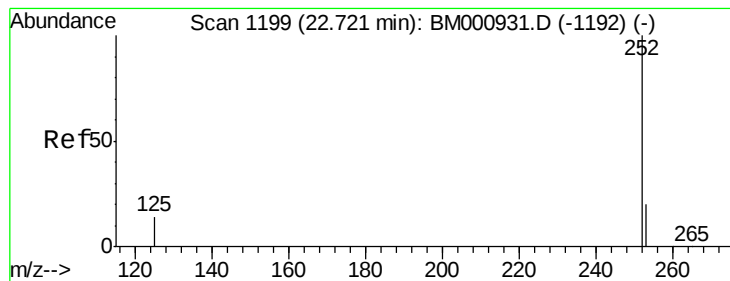
Tgt Ion: 276 Resp: 44678
 Ion Ratio Lower Upper
 276 100
 138 33.4 26.6 40.0
 277 24.6 19.8 29.6



#38
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.38 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BM000935.D
 Acq: 09 Apr 2015 23:09

Tgt Ion: 264 Resp: 123878
 Ion Ratio Lower Upper
 264 100
 260 23.7 20.6 30.8
 265 21.9 16.4 24.6





#39

Benzo(b)fluoranthene

Concen: 0.47 ng

RT: 22.72 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BM000935.D

Acq: 09 Apr 2015 23:09

Instrument :

BNA_M

ClientSampleId :

ICVBM040915

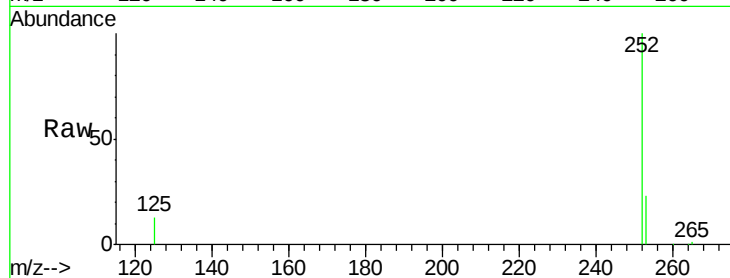
Tgt Ion:252 Resp: 43449

Ion Ratio Lower Upper

252 100

253 22.9 16.9 25.3

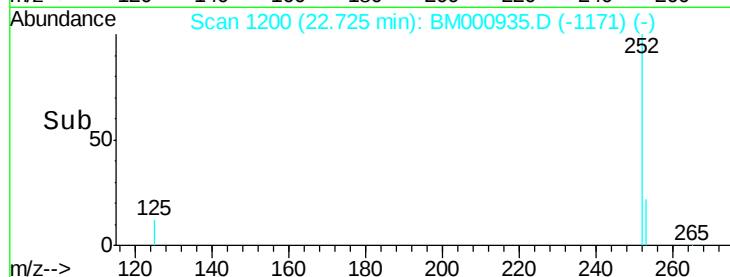
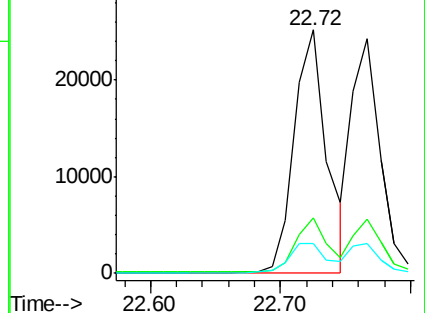
125 12.5 11.3 16.9



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



#40

Benzo(k)fluoranthene

Concen: 0.40 ng

RT: 22.77 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BM000935.D

Acq: 09 Apr 2015 23:09

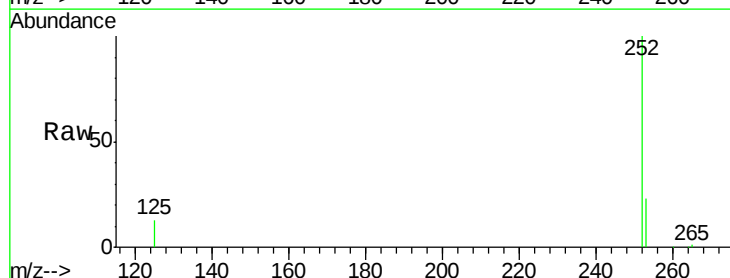
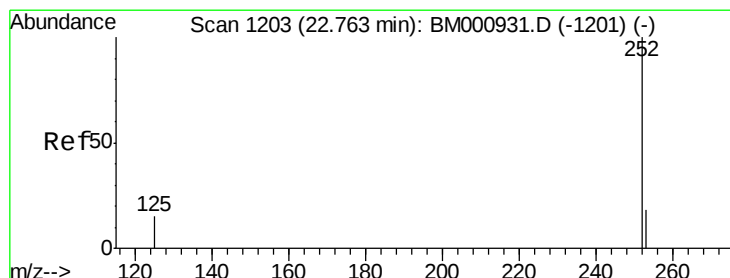
Tgt Ion:252 Resp: 37995

Ion Ratio Lower Upper

252 100

253 23.0 16.9 25.3

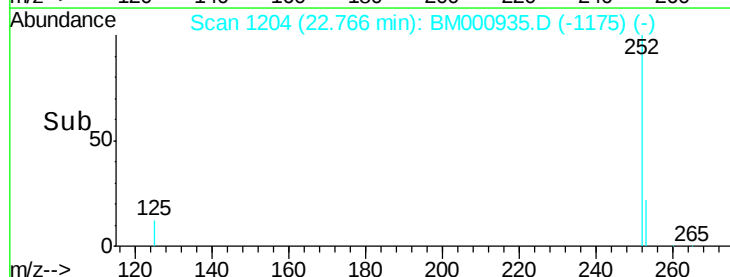
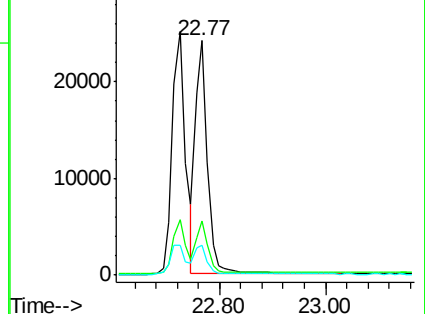
125 12.7 11.2 16.8

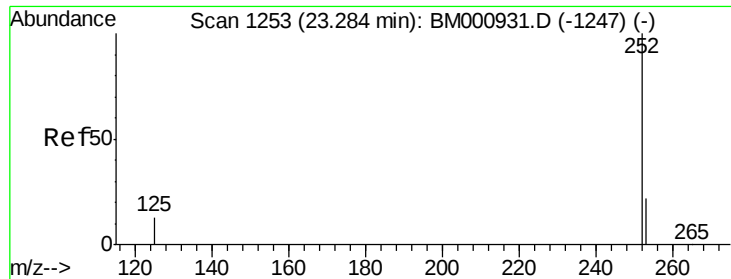


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#41

Benzo(a)pyrene

Concen: 0.44 ng

RT: 23.28 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BM000935.D

Acq: 09 Apr 2015 23:09

Instrument :

BNA_M

ClientSampleId :

ICVBM040915

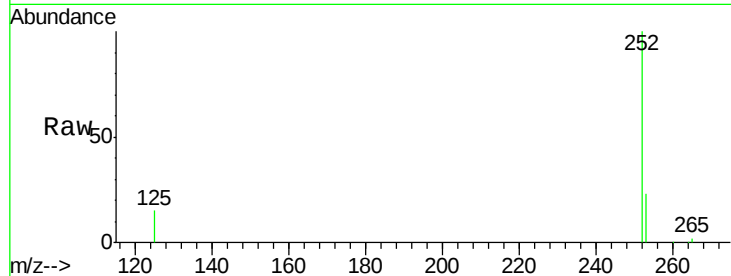
Tgt Ion:252 Resp: 36365

Ion Ratio Lower Upper

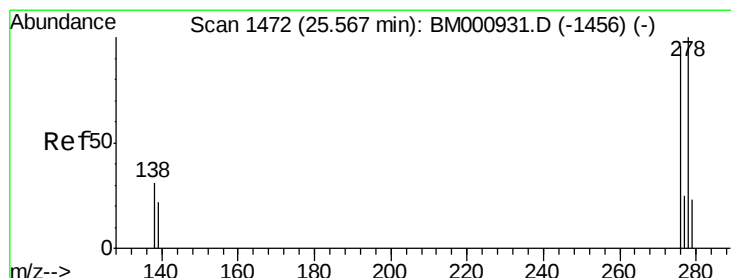
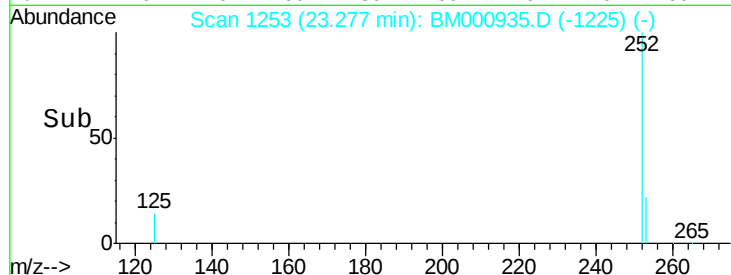
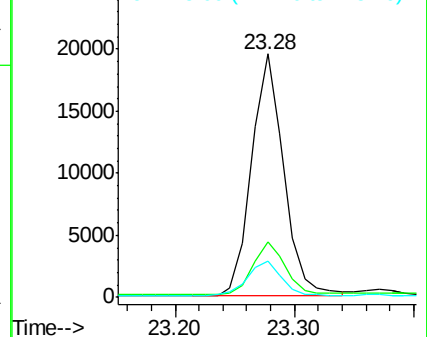
252 100

253 22.8 19.0 28.4

125 14.6 11.0 16.6



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



#42

Dibenzo(a,h)anthracene

Concen: 0.45 ng

RT: 25.56 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BM000935.D

Acq: 09 Apr 2015 23:09

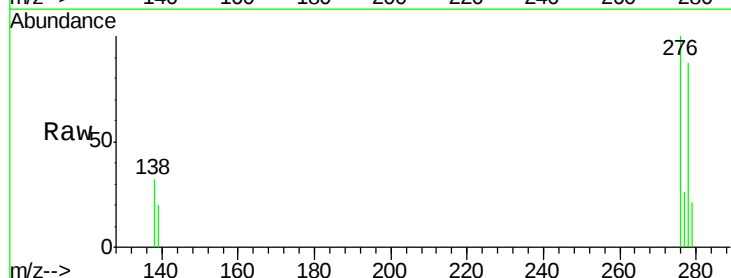
Tgt Ion:278 Resp: 34971

Ion Ratio Lower Upper

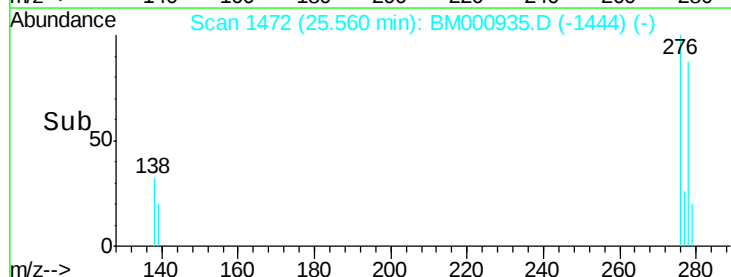
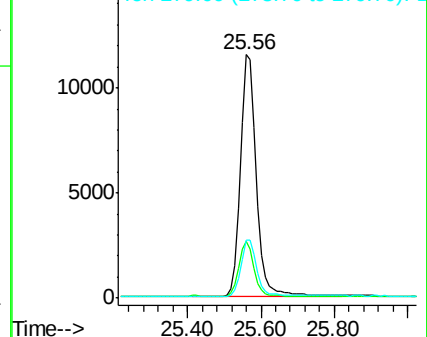
278 100

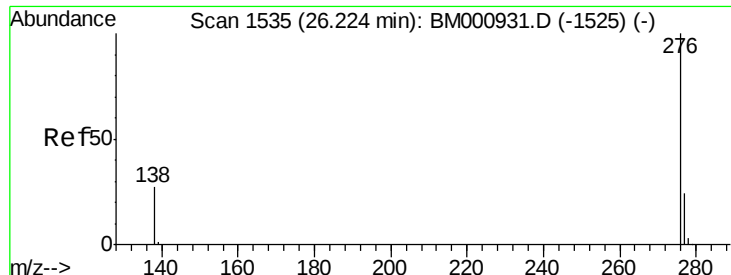
139 23.5 17.8 26.8

279 23.6 19.0 28.6



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





#43

Benzo(g,h,i)perylene

Concen: 0.43 ng

RT: 26.22 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BM000935.D

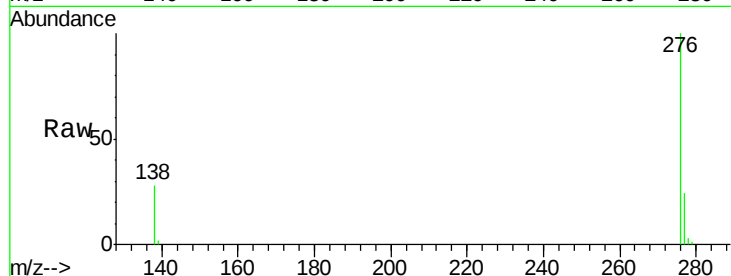
Acq: 09 Apr 2015 23:09

Instrument :

BNA_M

ClientSampleId :

ICVBM040915



Tgt Ion: 276 Resp: 37500

Ion Ratio Lower Upper

276 100

277 23.8 19.4 29.0

138 28.2 21.7 32.5

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

