

Data Path : Z:\HPCHEM1\BNA M\Data\BM101515\
 Data File : BM002915.D
 Acq On : 15 Oct 2015 15:26
 Operator : UM/IZ
 Sample : SSTDICV001
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM101515

Quant Time: Oct 15 16:02:09 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM101515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 15:28:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	72120	5.00	ng	0.00
7) Naphthalene-d8	11.51	136	300595	5.00	ng	0.00
13) Acenaphthene-d10	15.23	164	161290	5.00	ng	0.00
19) Phenanthrene-d10	17.95	188	418383	5.00	ng	0.00
26) Chrysene-d12	22.05	240	364118	5.00	ng	0.01
35) Perylene-d12	24.61	264	351417	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	6.15	112	12777	0.95	ng	-0.02
5) Phenol-d6	7.79	99	17185	1.00	ng	-0.02
8) Nitrobenzene-d5	9.87	82	13901	0.94	ng	-0.02
14) 2,4,6-Tribromophenol	16.71	330	4979	0.92	ng	0.00
15) 2-Fluorobiphenyl	13.88	172	51393	1.00	ng	0.00
29) Terphenyl-d14	20.48	244	54121	0.99	ng	0.00

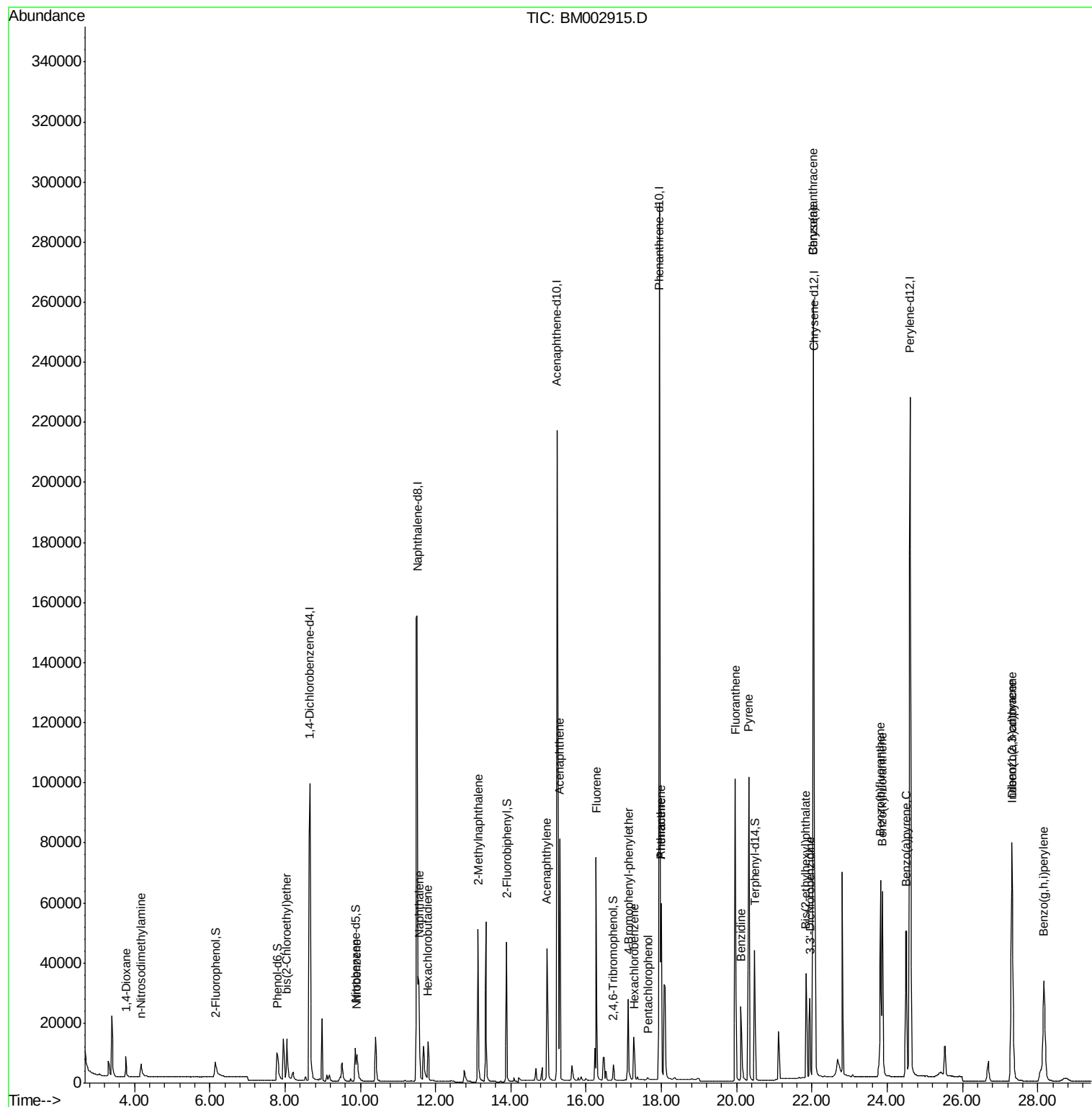
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.77	88	6309	0.96	ng	99
3) n-Nitrosodimethylamine	4.17	42	5229	1.02	ng	98
6) bis(2-Chloroethyl)ether	8.04	93	16477	1.00	ng	99
9) Nitrobenzene	9.91	77	14622	0.96	ng	99
10) Naphthalene	11.56	128	64625	0.97	ng	99
11) Hexachlorobutadiene	11.80	225	10343	0.96	ng	99
12) 2-Methylnaphthalene	13.12	142	44545	0.99	ng	100
16) Acenaphthylene	14.96	152	69435	0.98	ng	99
17) Acenaphthene	15.29	154	46790	0.97	ng	# 100
18) Fluorene	16.27	166	57211	0.99	ng	97
20) 4-Bromophenyl-phenylether	17.13	248	18714	1.07	ng	90
21) Hexachlorobenzene	17.28	284	17759	1.09	ng	# 49
22) Pentachlorophenol	17.64	266	1328	0.90	ng	97
23) Phenanthrene	18.00	178	91142	0.93	ng	100
24) Anthracene	18.00	178	91111	0.98	ng	99
25) Fluoranthene	19.96	202	105083	0.97	ng	100
27) Benzidine	20.12	184	43491	0.94	ng	96
28) Pyrene	20.32	202	106850	1.00	ng	100
30) Benzo(a)anthracene	22.03	228	96249	0.87	ng	97
31) 3,3'-Dichlorobenzidine	21.95	252	33341	0.94	ng	# 92
32) Chrysene	22.03	228	95876	1.04	ng	96
33) Bis(2-ethylhexyl)phthalate	21.85	149	50982	0.89	ng	# 90
34) Indeno(1,2,3-cd)pyrene	27.32	276	102335	1.01	ng	100
36) Benzo(b)fluoranthene	23.82	252	101962	1.01	ng	99
37) Benzo(k)fluoranthene	23.87	252	92255	0.93	ng	99
38) Benzo(a)pyrene	24.49	252	84862	0.95	ng	98
39) Dibenzo(a,h)anthracene	27.31	278	81997	0.96	ng	99
40) Benzo(g,h,i)perylene	28.16	276	87296	0.98	ng	99

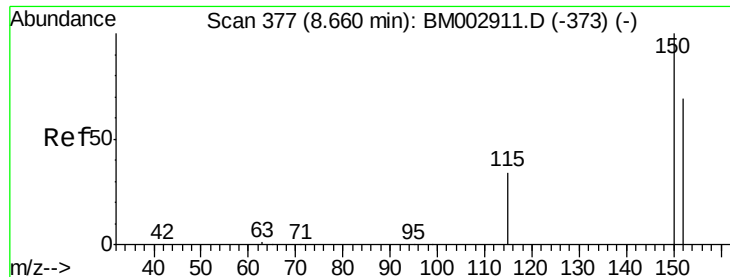
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.66 min Scan# 377

Delta R.T. 0.00 min

Lab File: BM002915.D

Acq: 15 Oct 2015 15:26

Instrument :

BNA_M

ClientSampleId :

ICVBM101515

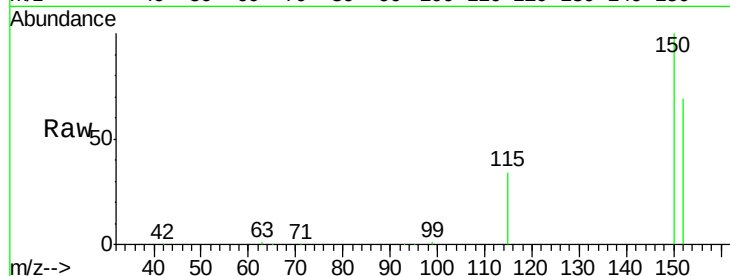
Tot Ion:152 Resp: 72120

Ion Ratio Lower Upper

152 100

150 144.0 113.0 169.6

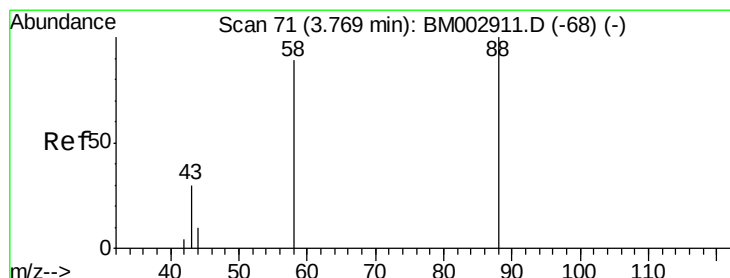
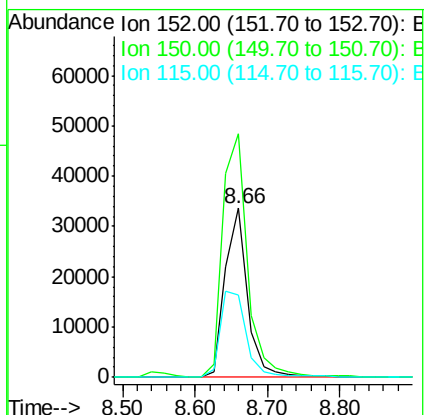
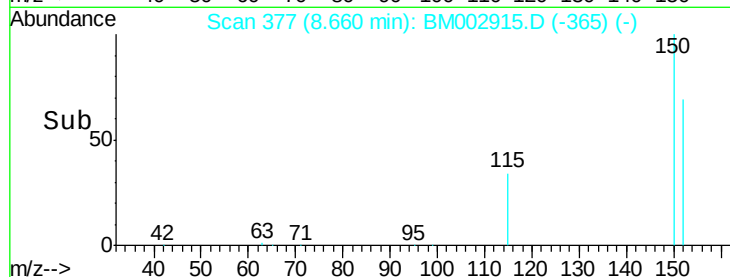
115 48.9 37.9 56.9



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: 0.96 ng

RT: 3.77 min Scan# 71

Delta R.T. 0.00 min

Lab File: BM002915.D

Acq: 15 Oct 2015 15:26

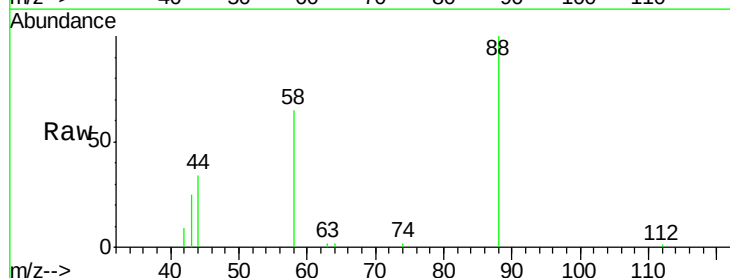
Tgt Ion: 88 Resp: 6309

Ion Ratio Lower Upper

88 100

58 70.4 56.7 85.1

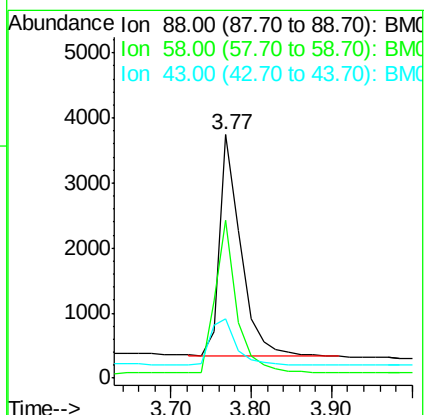
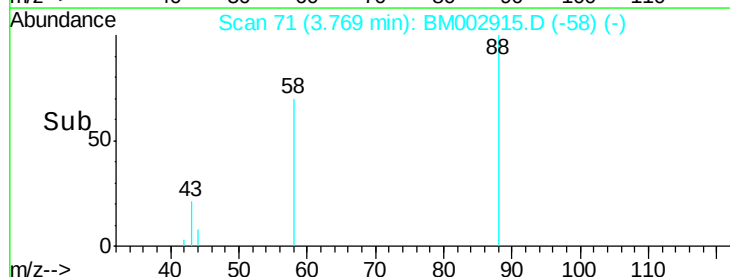
43 25.7 22.0 33.0

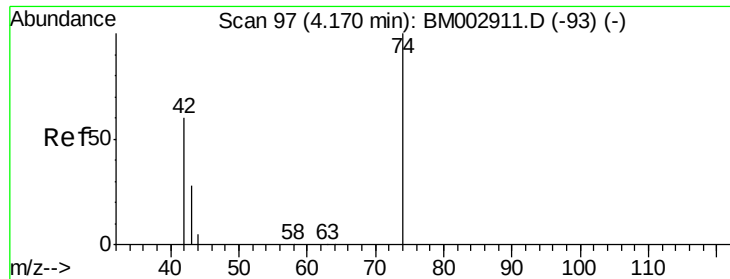


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0

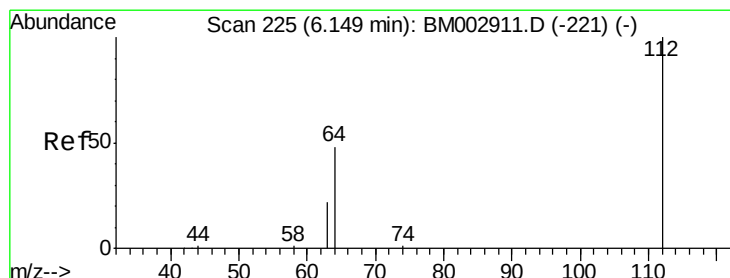
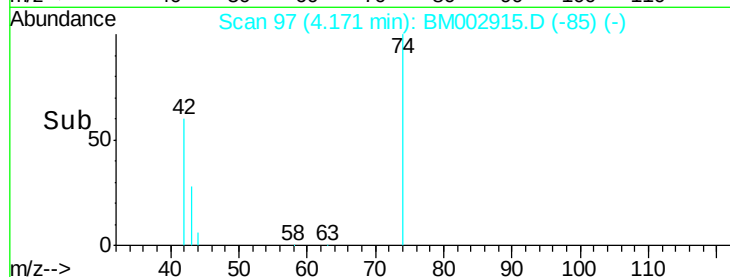
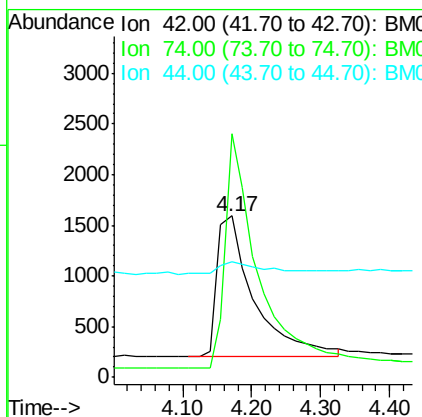
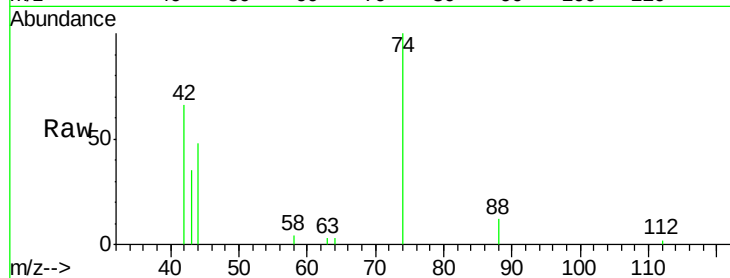




#3
n-Nitrosodimethylamine
Concen: 1.02 ng
RT: 4.17 min Scan# 97
Delta R.T. -0.02 min
Lab File: BM002915.D
Acq: 15 Oct 2015 15:26

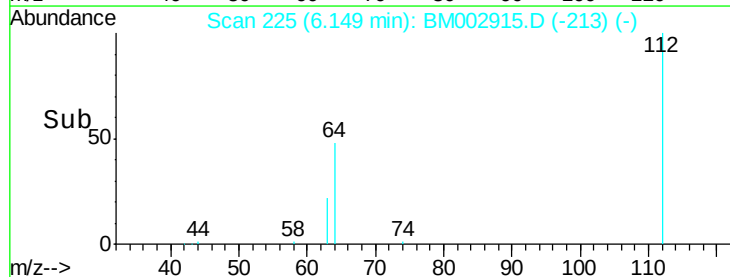
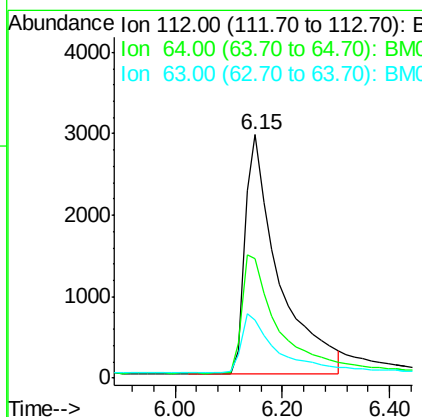
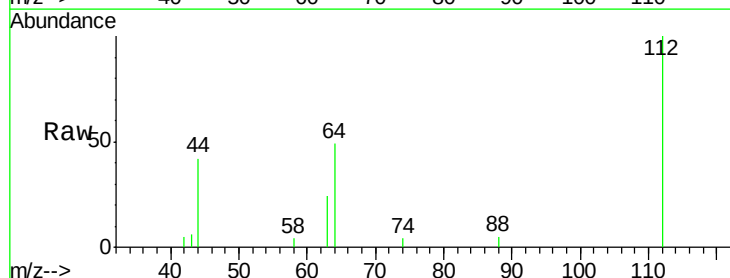
Instrument :
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ClientSampleId :
ICVBM101515

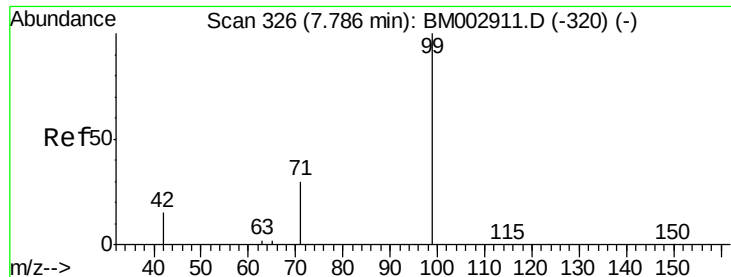
Tot Ion: 42 Resp: 5229
Ion Ratio Lower Upper
42 100
74 147.2 119.7 179.5
44 9.9 9.8 14.6



#4
2-Fluorophenol
Concen: 0.95 ng
RT: 6.15 min Scan# 225
Delta R.T. -0.02 min
Lab File: BM002915.D
Acq: 15 Oct 2015 15:26

Tgt Ion: 112 Resp: 12777
Ion Ratio Lower Upper
112 100
64 52.0 42.0 63.0
63 24.9 20.0 30.0





#5

Phenol-d6

Concen: 1.00 ng

RT: 7.79 min Scan# 326

Delta R.T. -0.02 min

Lab File: BM002915.D

Acq: 15 Oct 2015 15:26

Instrument :

BNA_M

ClientSampleId :

ICVBM101515

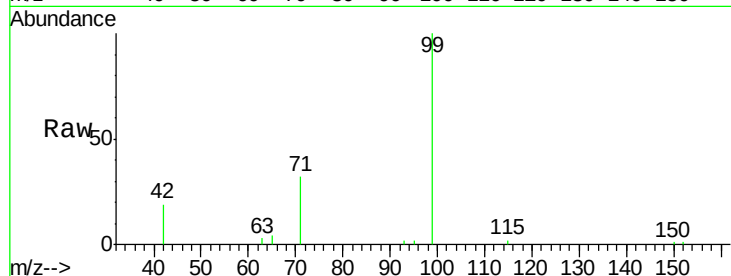
Tot Ion: 99 Resp: 17185

Ion Ratio Lower Upper

99 100

42 15.8 12.4 18.6

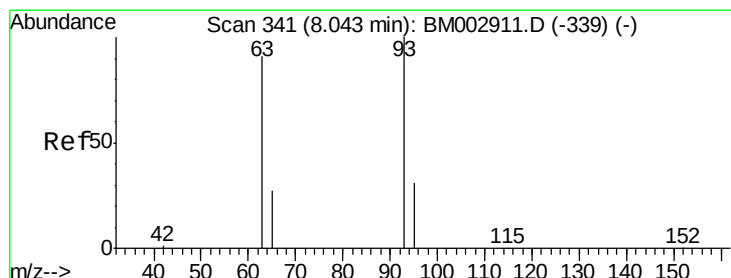
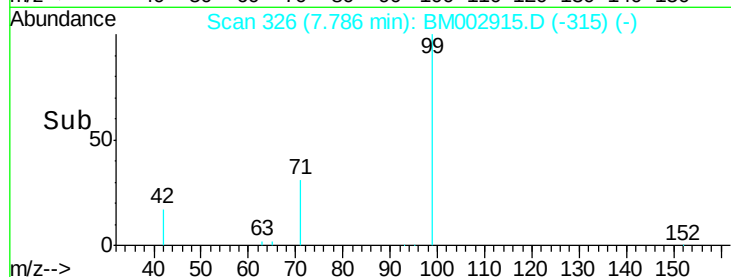
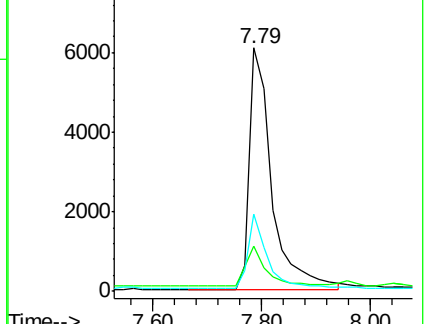
71 27.0 21.4 32.0



Abundance Ion 99.00 (98.70 to 99.70): BM002915.D (-320) (-)

Ion 42.00 (41.70 to 42.70): BM002915.D (-320) (-)

Ion 71.00 (70.70 to 71.70): BM002915.D (-320) (-)



#6

bis(2-Chloroethyl)ether

Concen: 1.00 ng

RT: 8.04 min Scan# 341

Delta R.T. -0.02 min

Lab File: BM002915.D

Acq: 15 Oct 2015 15:26

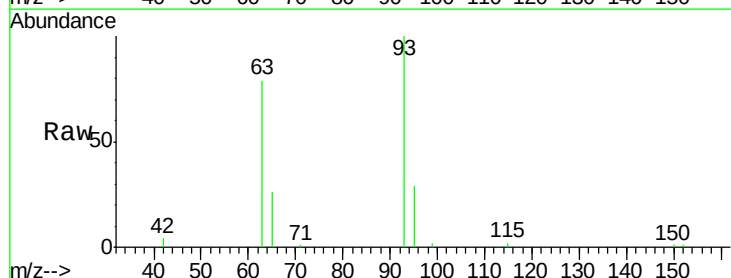
Tgt Ion: 93 Resp: 16477

Ion Ratio Lower Upper

93 100

63 66.9 52.9 79.3

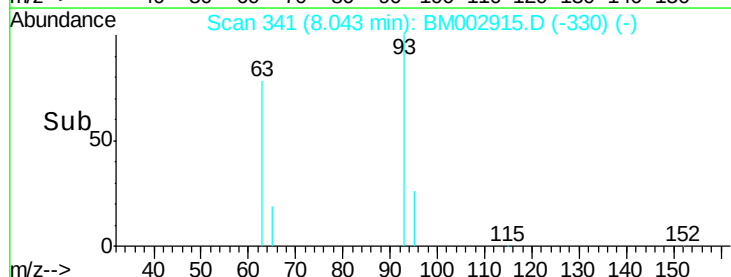
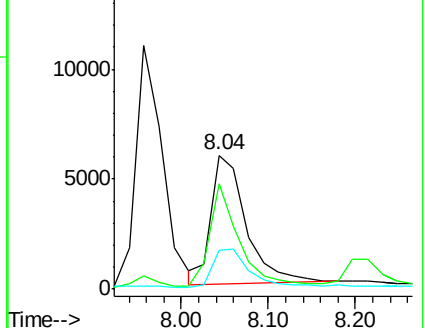
95 32.0 25.2 37.8

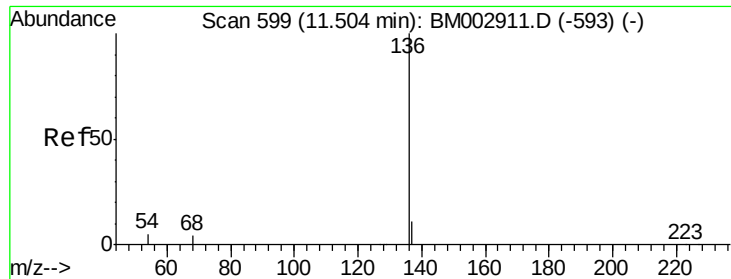


Abundance Ion 93.00 (92.70 to 93.70): BM002915.D (-341) (-)

Ion 63.00 (62.70 to 63.70): BM002915.D (-341) (-)

Ion 95.00 (94.70 to 95.70): BM002915.D (-341) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 11.51 min Scan# 600

Delta R.T. 0.00 min

Lab File: BM002915.D

Acq: 15 Oct 2015 15:26

Instrument :

BNA_M

ClientSampleId :

ICVBM101515

Tot Ion:136 Resp: 300595

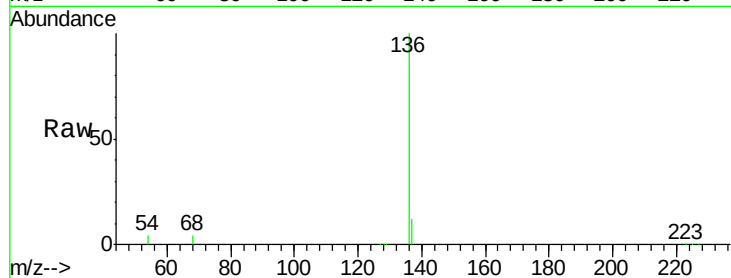
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 3.9 3.5 5.3

68 3.8 3.3 4.9

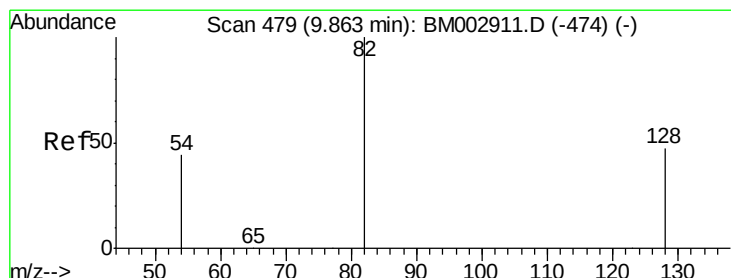
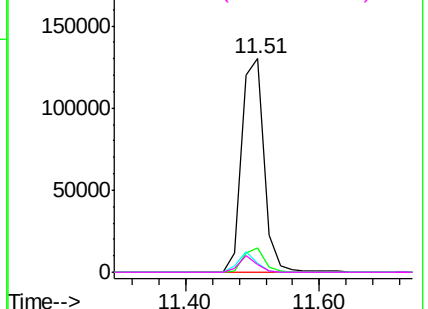
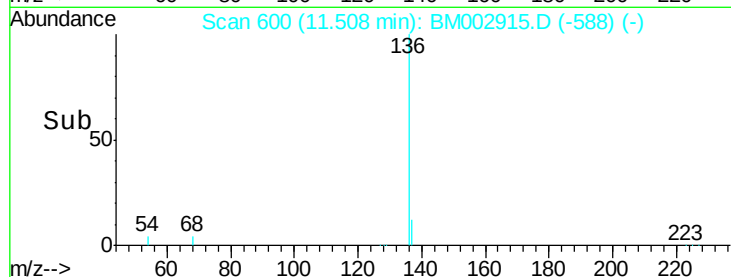


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#8

Nitrobenzene-d5

Concen: 0.94 ng

RT: 9.87 min Scan# 480

Delta R.T. -0.02 min

Lab File: BM002915.D

Acq: 15 Oct 2015 15:26

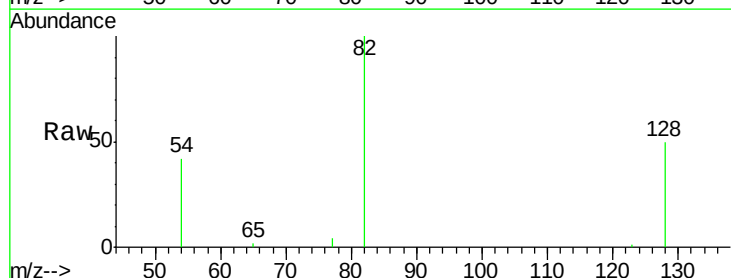
Tgt Ion: 82 Resp: 13901

Ion Ratio Lower Upper

82 100

128 50.3 34.1 51.1

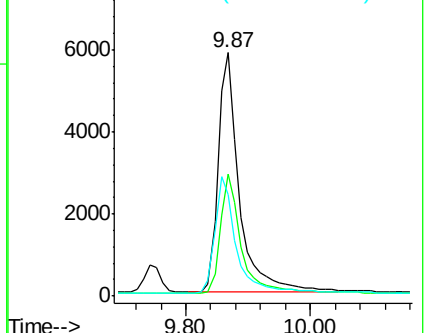
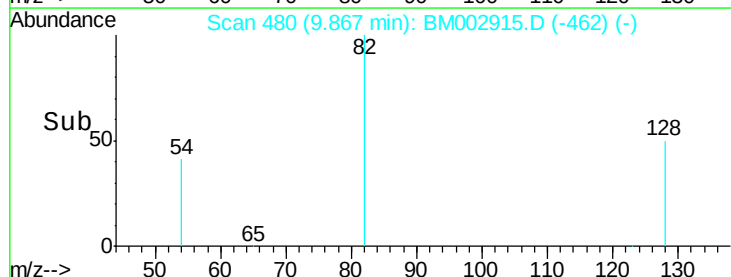
54 41.7 42.6 63.8#

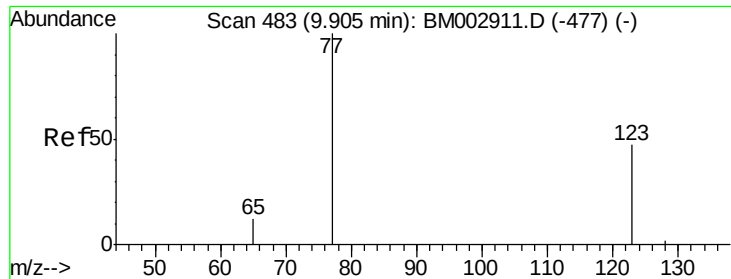


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 0.96 ng

RT: 9.91 min Scan# 484

Delta R.T. -0.02 min

Lab File: BM002915.D

Acq: 15 Oct 2015 15:26

Instrument :

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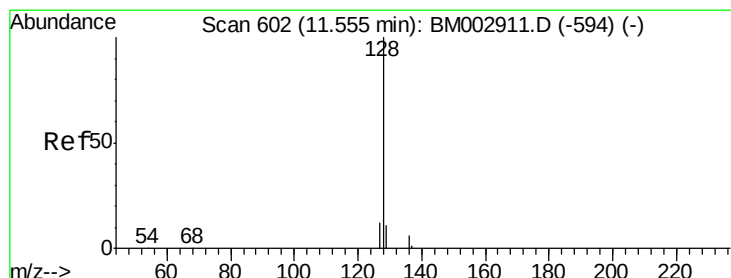
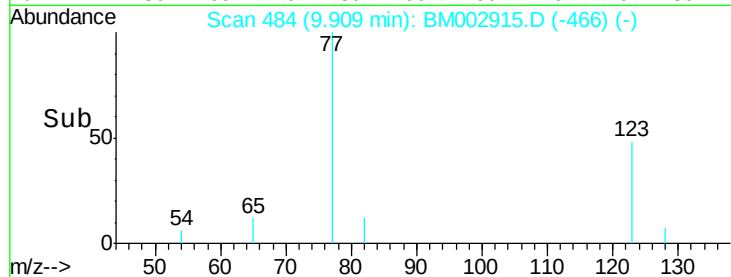
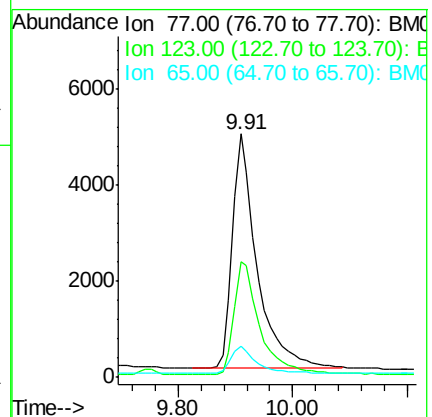
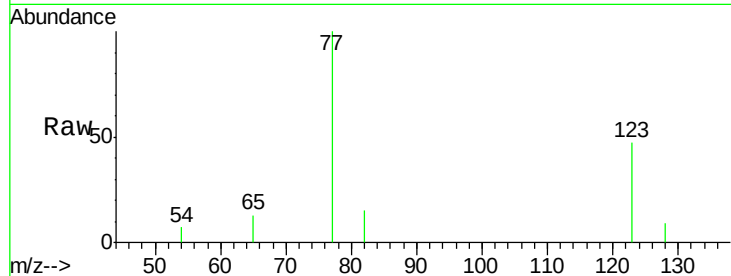
Tot Ion: 77 Resp: 14622

Ion Ratio Lower Upper

77 100

123 50.7 41.0 61.4

65 12.0 9.7 14.5



#10

Naphthalene

Concen: 0.97 ng

RT: 11.56 min Scan# 603

Delta R.T. 0.00 min

Lab File: BM002915.D

Acq: 15 Oct 2015 15:26

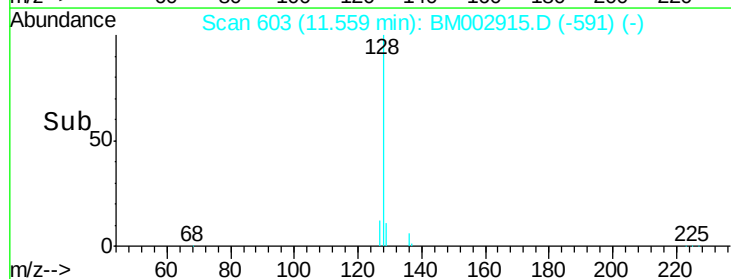
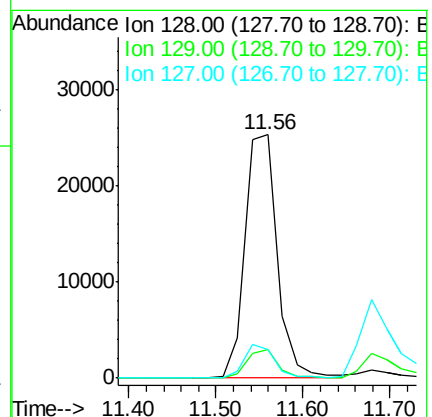
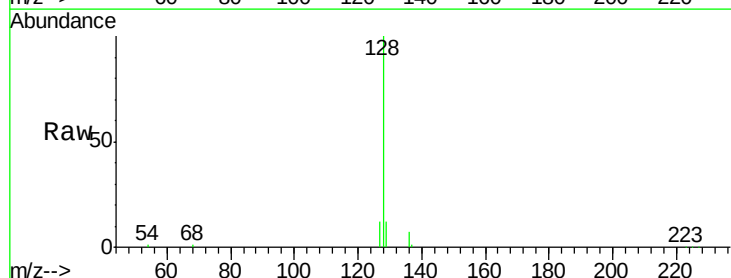
Tgt Ion: 128 Resp: 64625

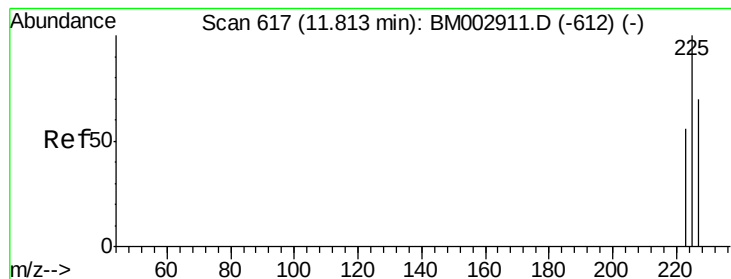
Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.2

127 11.7 9.6 14.4





#11

Hexachlorobutadiene

Concen: 0.96 ng

RT: 11.80 min Scan# 617

Delta R.T. -0.01 min

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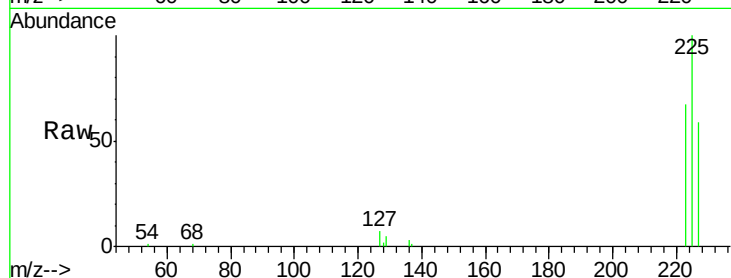
Tot Ion:225 Resp: 10343

Ion Ratio Lower Upper

225 100

223 63.3 50.1 75.1

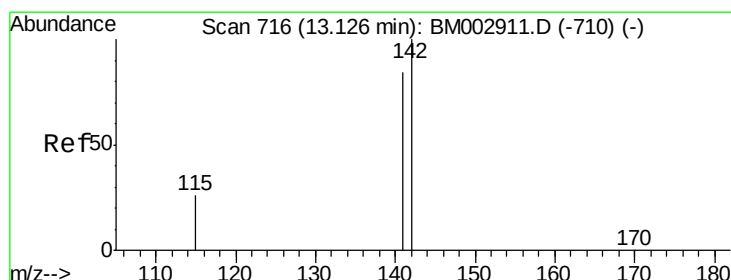
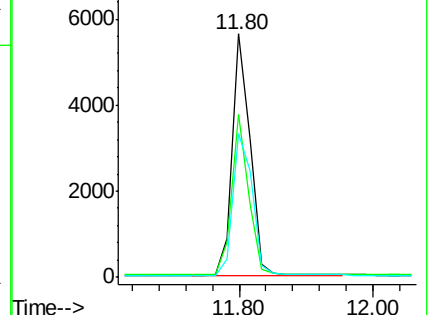
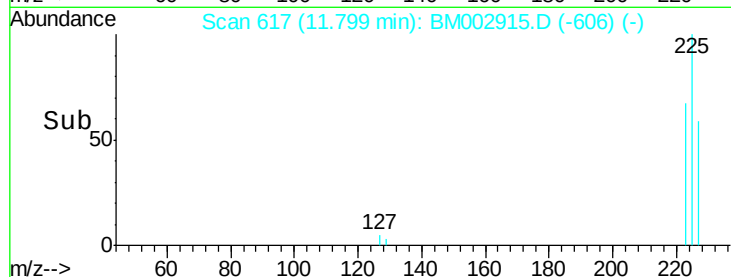
227 64.2 51.2 76.8



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: 0.99 ng

RT: 13.12 min Scan# 717

Delta R.T. -0.00 min

Lab File: BM002915.D

Acq: 15 Oct 2015 15:26

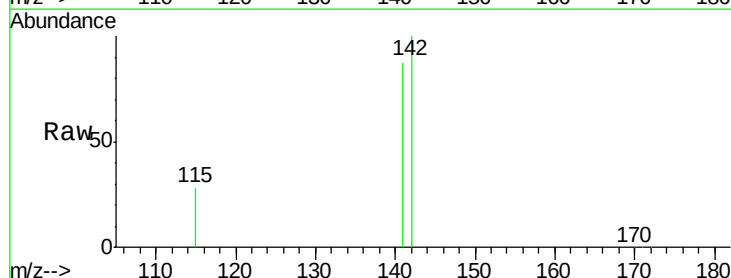
Tgt Ion:142 Resp: 44545

Ion Ratio Lower Upper

142 100

141 87.1 69.4 104.0

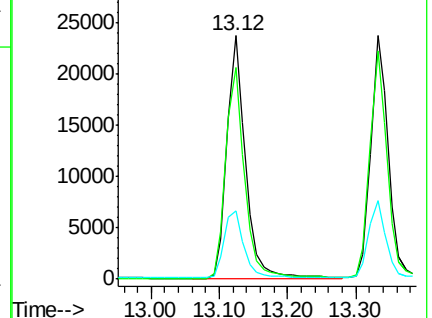
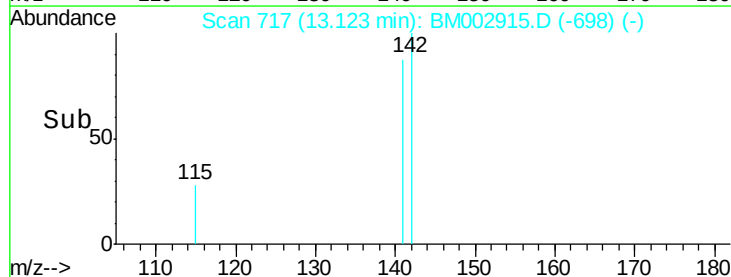
115 28.3 22.7 34.1

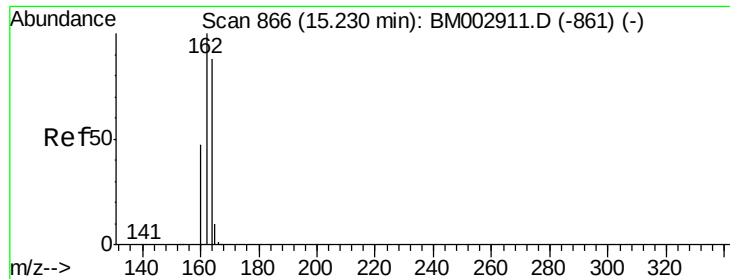


Abundance Ion 142.00 (141.70 to 142.70): E

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: 15.23 min Scan# 867

Delta R.T. -0.00 min

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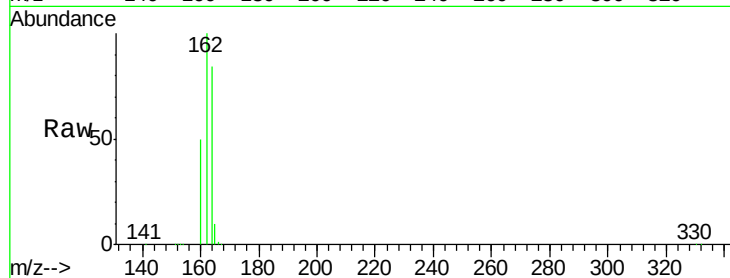
Tot Ion:164 Resp: 161290

Ion Ratio Lower Upper

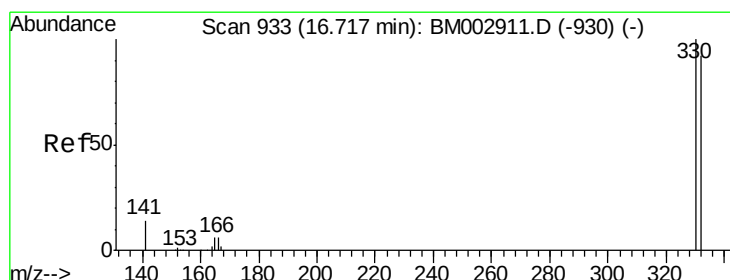
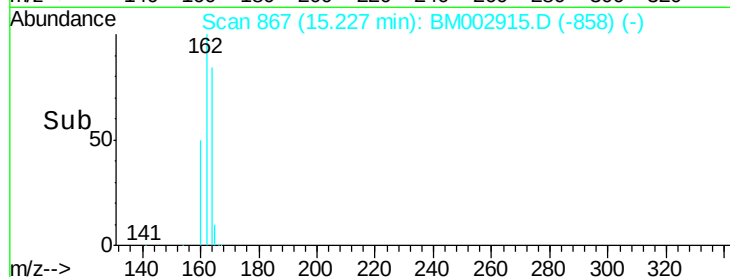
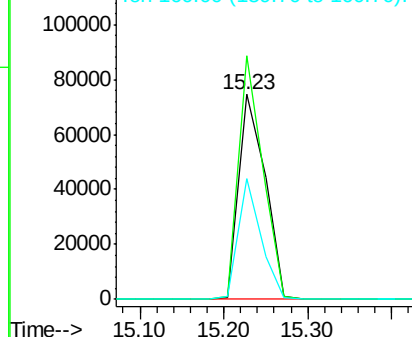
164 100

162 118.9 79.6 119.4

160 59.2 33.1 49.7#



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



#14

2,4,6-Tribromophenol

Concen: 0.92 ng

RT: 16.71 min Scan# 934

Delta R.T. -0.00 min

Lab File: BM002915.D

Acq: 15 Oct 2015 15:26

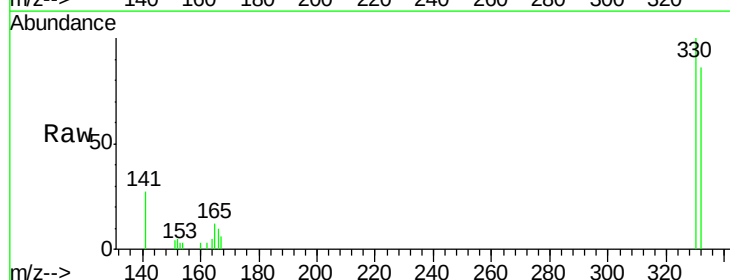
Tgt Ion:330 Resp: 4979

Ion Ratio Lower Upper

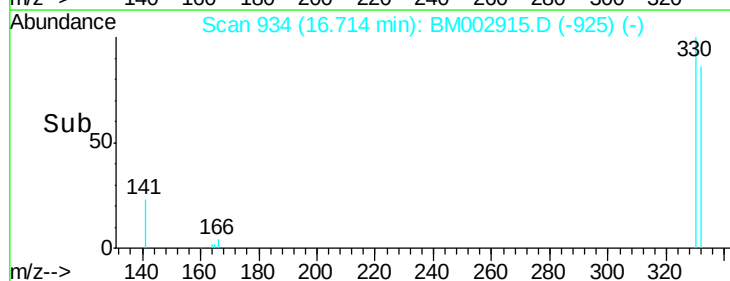
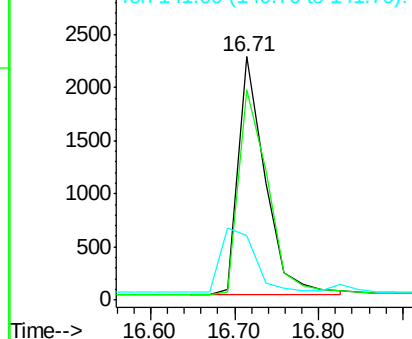
330 100

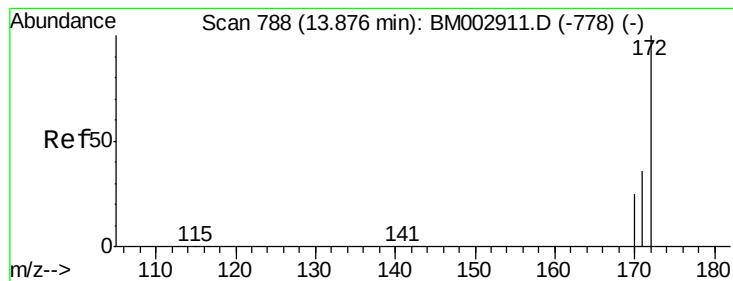
332 94.3 76.6 115.0

141 0.0 0.0 0.0



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

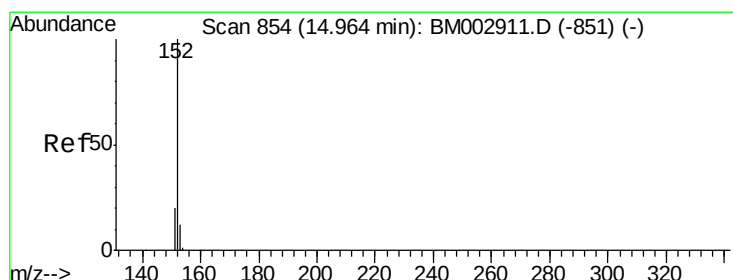
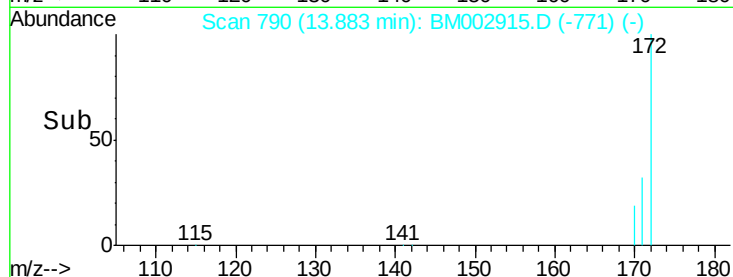
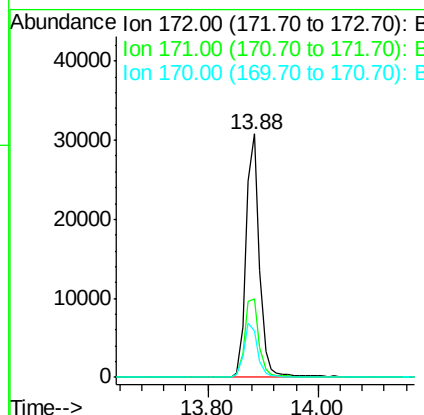
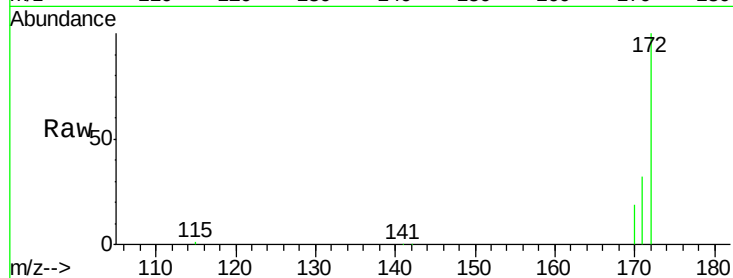




#15
2-Fluorobiphenyl
Concen: 1.00 ng
RT: 13.88 min Scan# 790
Delta R.T. -0.00 min
Lab File: BM002915.D
Acq: 15 Oct 2015 15:26

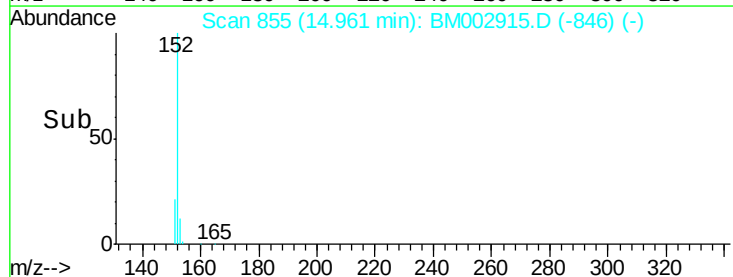
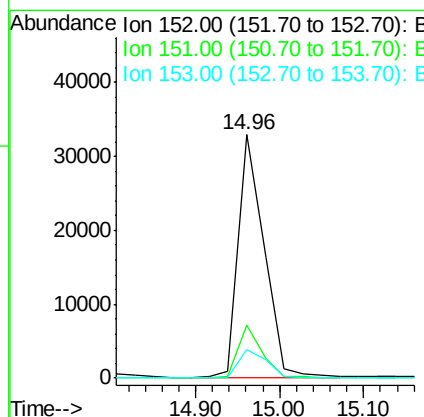
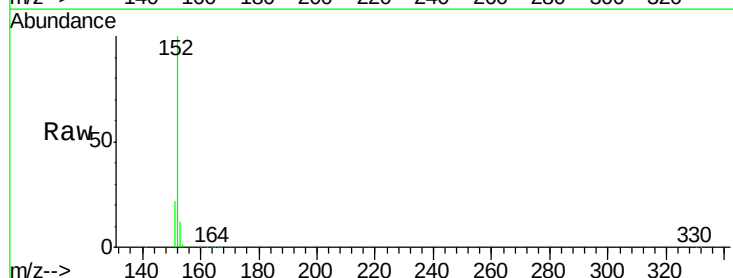
Instrument :
BNA_M
ClientSampleId :
ICVBM101515

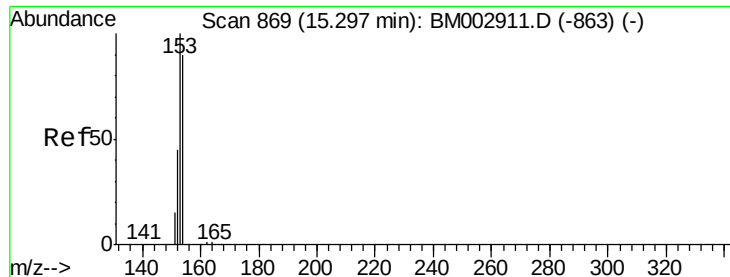
Tot Ion:172 Resp: 51393
Ion Ratio Lower Upper
172 100
171 32.2 26.1 39.1
170 19.2 15.7 23.5



#16
Acenaphthylene
Concen: 0.98 ng
RT: 14.96 min Scan# 855
Delta R.T. -0.00 min
Lab File: BM002915.D
Acq: 15 Oct 2015 15:26

Tgt Ion:152 Resp: 69435
Ion Ratio Lower Upper
152 100
151 19.5 15.3 22.9
153 12.8 10.5 15.7





#17

Acenaphthene

Concen: 0.97 ng

RT: 15.29 min Scan# 870

Delta R.T. -0.00 min

Lab File: BM002915.D

Acq: 15 Oct 2015 15:26

Instrument :

BNA_M

ClientSampleId :

ICVBM101515

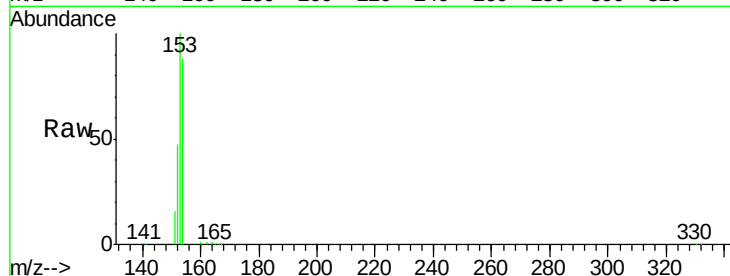
Tot Ion:154 Resp: 46790

Ion Ratio Lower Upper

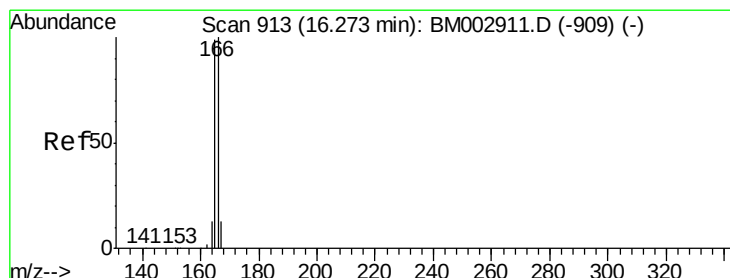
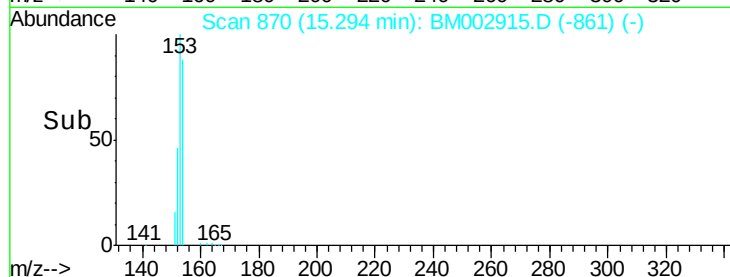
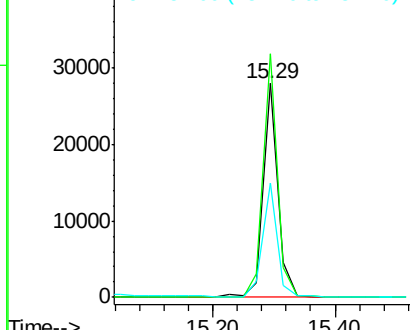
154 100

153 110.9 0.0 0.0#

152 52.1 0.0 0.0#



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: 0.99 ng

RT: 16.27 min Scan# 914

Delta R.T. -0.00 min

Lab File: BM002915.D

Acq: 15 Oct 2015 15:26

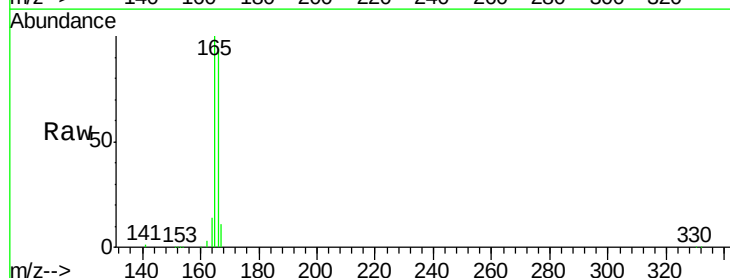
Tgt Ion:166 Resp: 57211

Ion Ratio Lower Upper

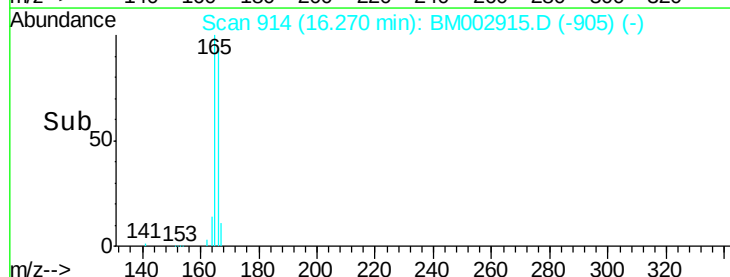
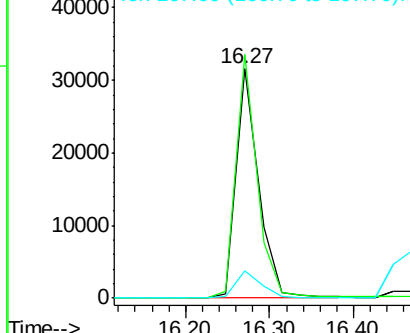
166 100

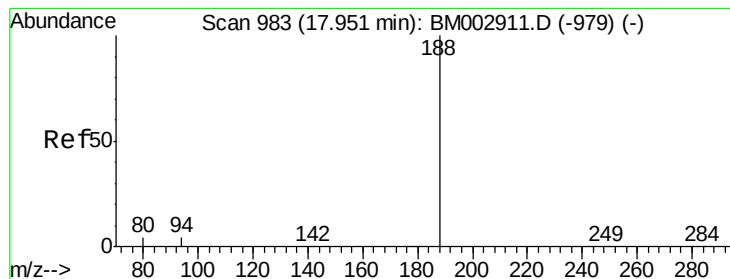
165 100.2 77.3 115.9

167 13.1 10.9 16.3



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: 17.95 min Scan# 984

Delta R.T. -0.01 min

Lab File: BM002915.D

Acq: 15 Oct 2015 15:26

Instrument :

BNA_M

ClientSampleId :

ICVBM101515

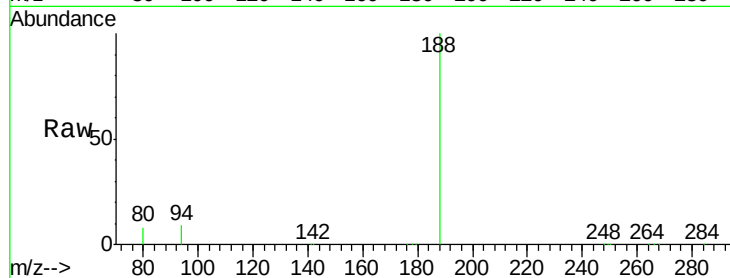
Tot Ion:188 Resp: 418383

Ion Ratio Lower Upper

188 100

94 8.7 15.2 22.8#

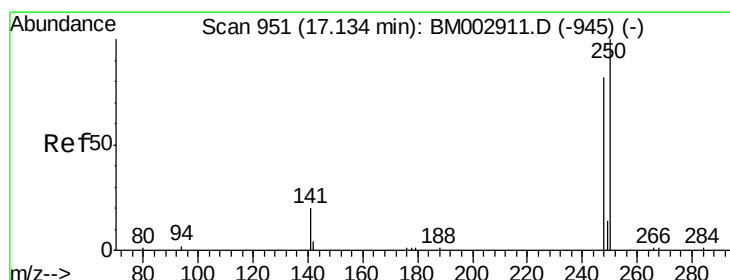
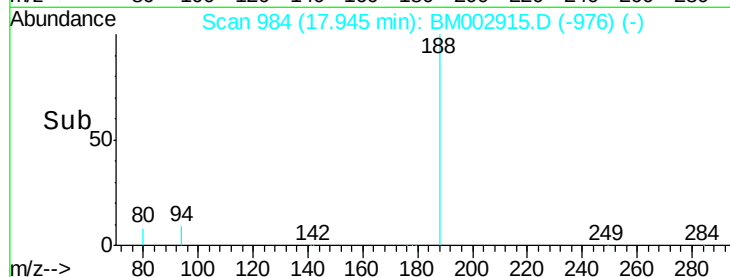
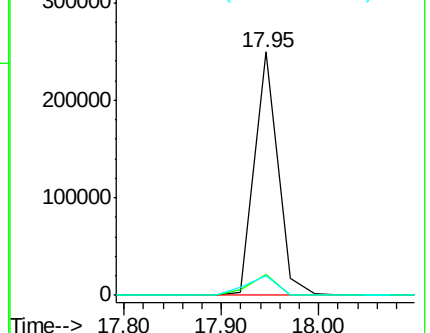
80 8.1 15.9 23.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#20

4-Bromophenyl-phenylether

Concen: 1.07 ng

RT: 17.13 min Scan# 952

Delta R.T. -0.01 min

Lab File: BM002915.D

Acq: 15 Oct 2015 15:26

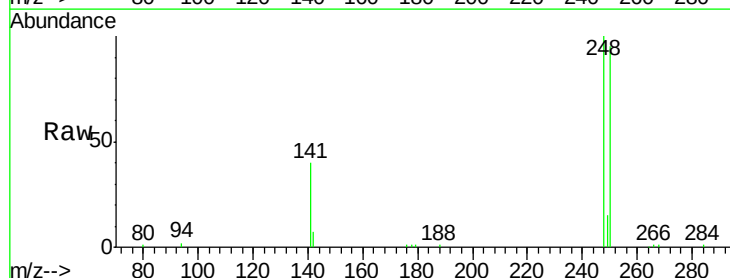
Tgt Ion:248 Resp: 18714

Ion Ratio Lower Upper

248 100

250 97.1 71.4 107.2

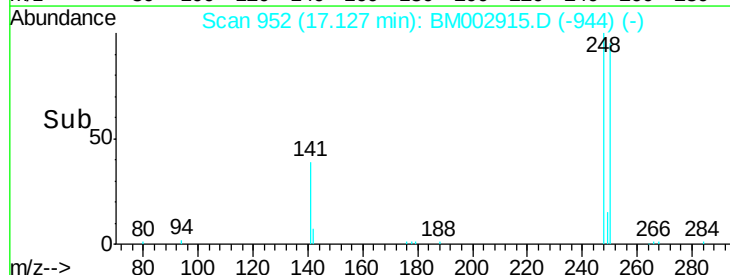
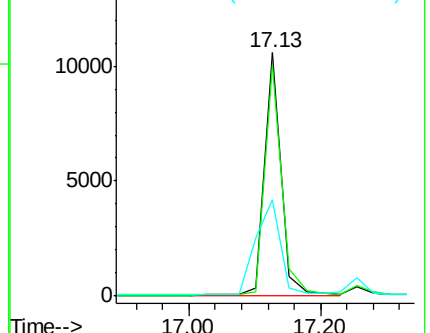
141 57.4 54.6 82.0

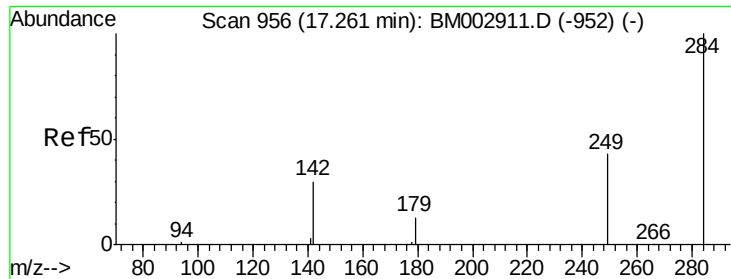


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

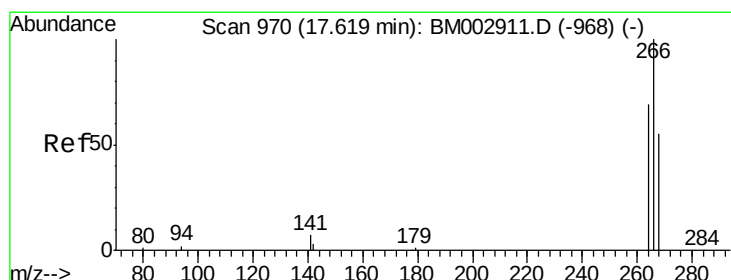
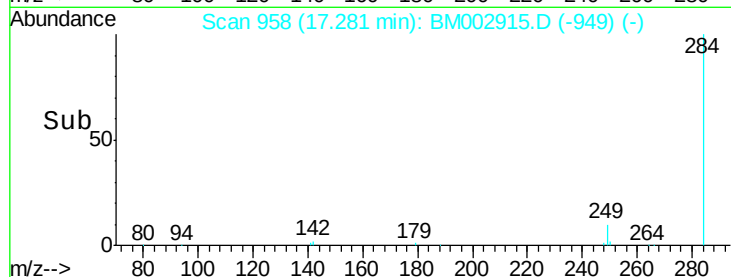
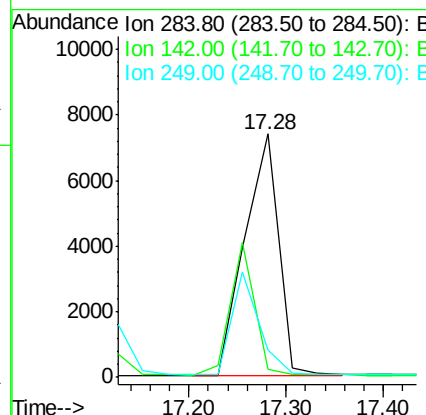
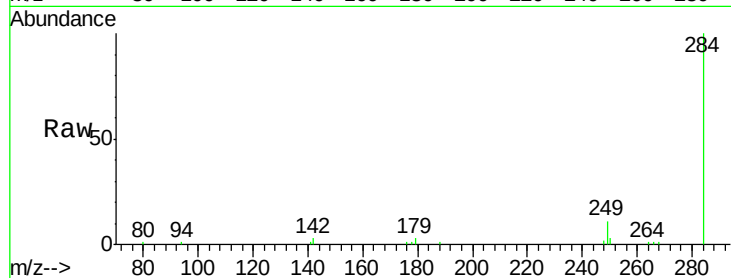




#21
Hexachlorobenzene
Concen: 1.09 ng
RT: 17.28 min Scan# 958
Delta R.T. 0.02 min
Lab File: BM002915.D
Acq: 15 Oct 2015 15:26

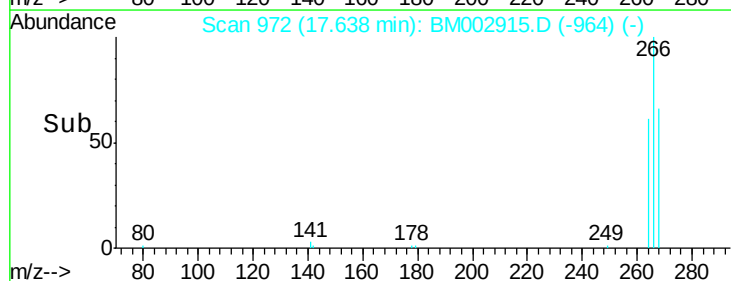
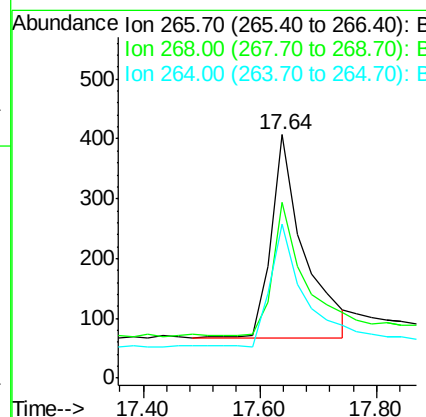
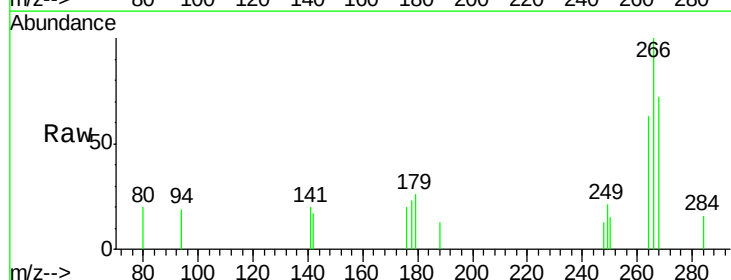
Instrument :
BNA_M
ClientSampleId :
ICVBM101515

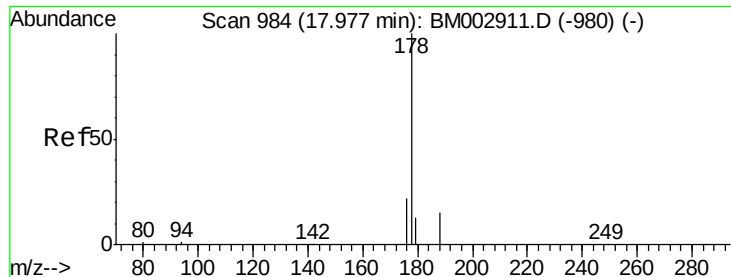
Tot Ion:284 Resp: 17759
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 20.7 31.1#



#22
Pentachlorophenol
Concen: 0.90 ng
RT: 17.64 min Scan# 972
Delta R.T. -0.01 min
Lab File: BM002915.D
Acq: 15 Oct 2015 15:26

Tgt Ion:266 Resp: 1328
Ion Ratio Lower Upper
266 100
268 72.0 58.3 87.5
264 63.4 54.2 81.2





#23

Phenanthrene

Concen: 0.93 ng

RT: 18.00 min Scan# 986

Delta R.T. 0.02 min

Lab File: BM002915.D

Acq: 15 Oct 2015 15:26

Instrument :

BNA_M

ClientSampleId :

ICVBM101515

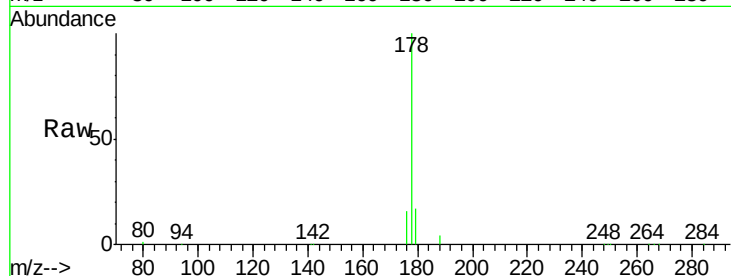
Tot Ion:178 Resp: 91142

Ion Ratio Lower Upper

178 100

176 18.3 14.6 21.8

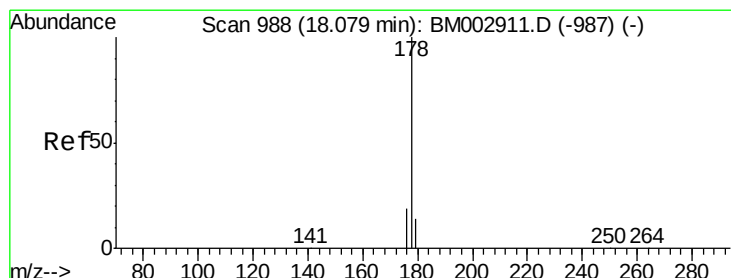
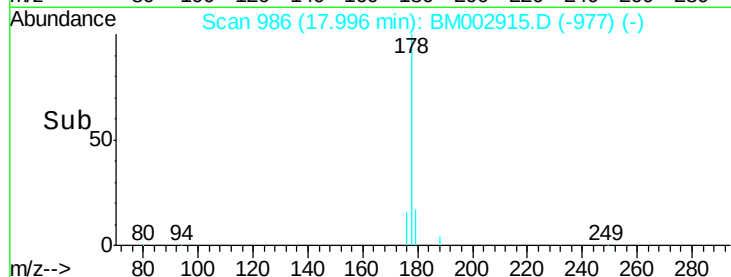
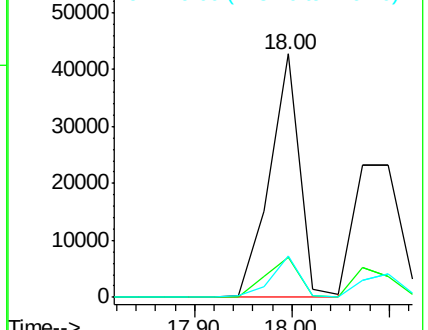
179 15.8 12.5 18.7



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



#24

Anthracene

Concen: 0.98 ng

RT: 18.00 min Scan# 986

Delta R.T. -0.08 min

Lab File: BM002915.D

Acq: 15 Oct 2015 15:26

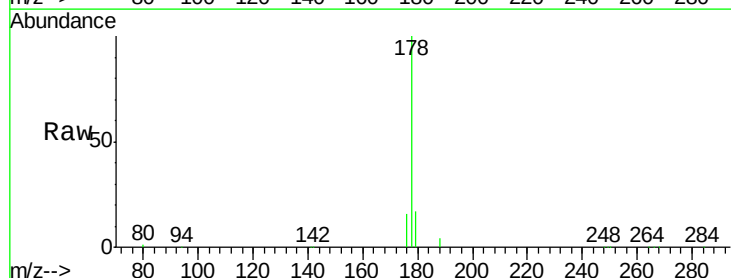
Tgt Ion:178 Resp: 91111

Ion Ratio Lower Upper

178 100

176 18.2 13.9 20.9

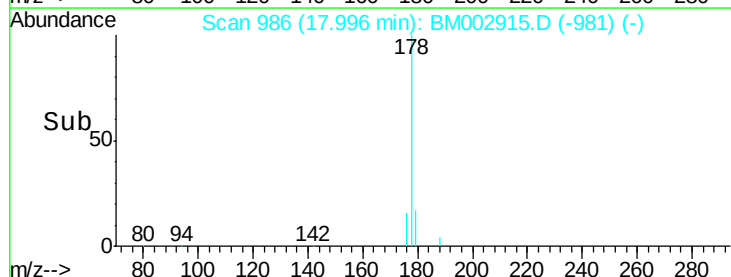
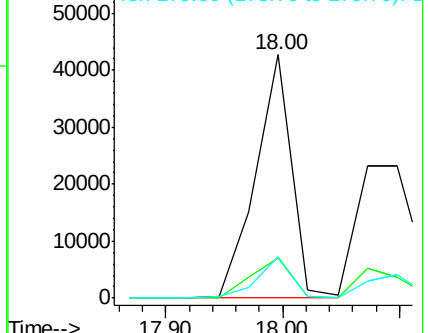
179 15.8 12.6 18.8

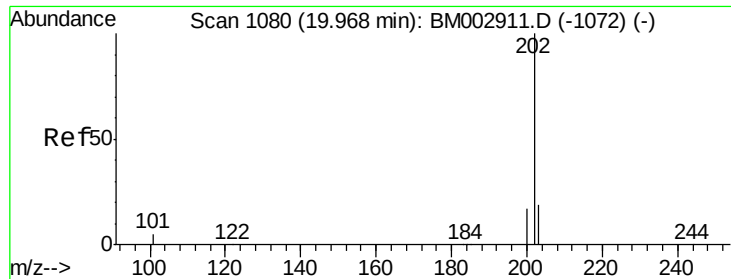


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.97 ng

RT: 19.96 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BM002915.D

Acq: 15 Oct 2015 15:26

Instrument :

BNA_M

ClientSampleId :

ICVBM101515

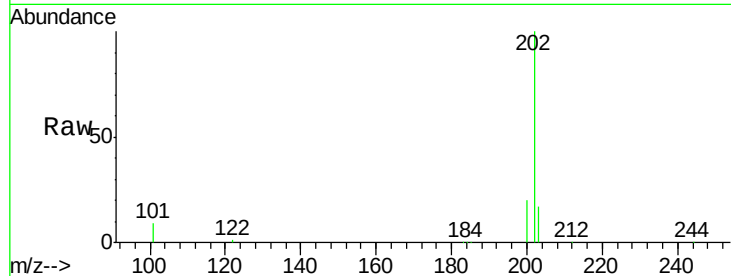
Tot Ion:202 Resp: 105083

Ion Ratio Lower Upper

202 100

101 13.5 11.0 16.6

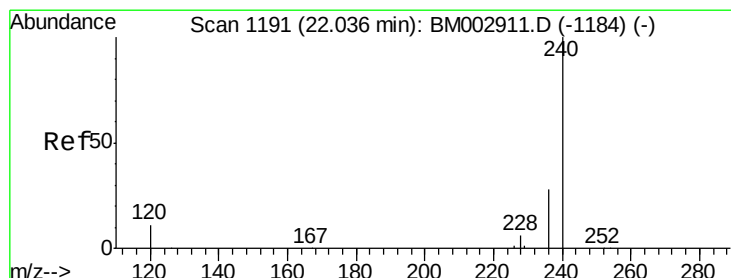
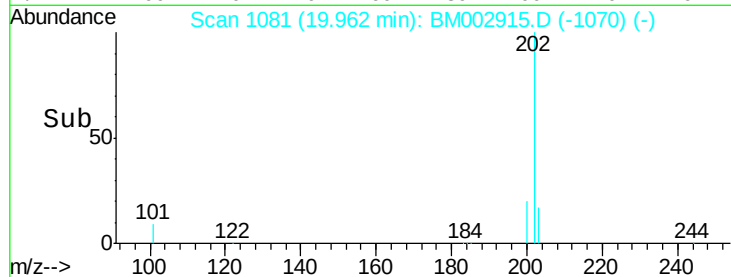
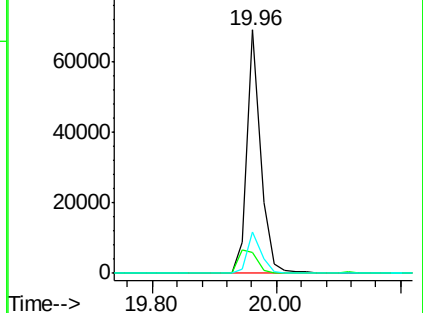
203 17.3 13.8 20.6



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



#26

Chrysene-d12

Concen: 5.00 ng

RT: 22.05 min Scan# 1193

Delta R.T. 0.01 min

Lab File: BM002915.D

Acq: 15 Oct 2015 15:26

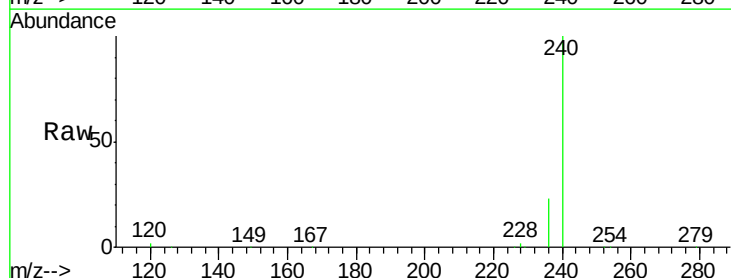
Tgt Ion:240 Resp: 364118

Ion Ratio Lower Upper

240 100

120 2.3 3.3 4.9#

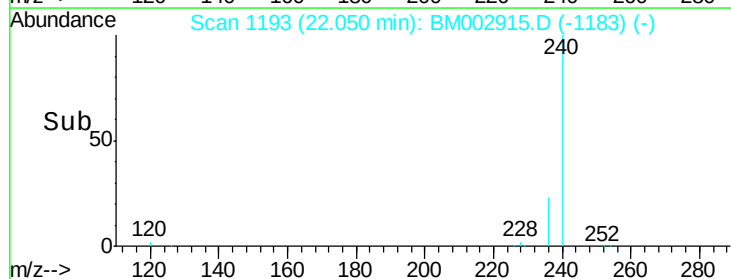
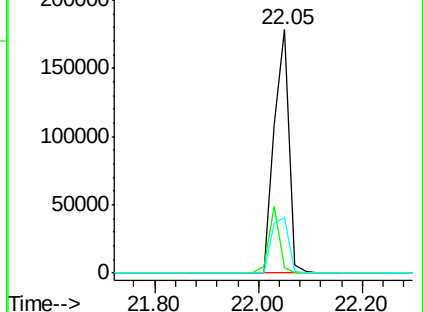
236 22.7 19.5 29.3

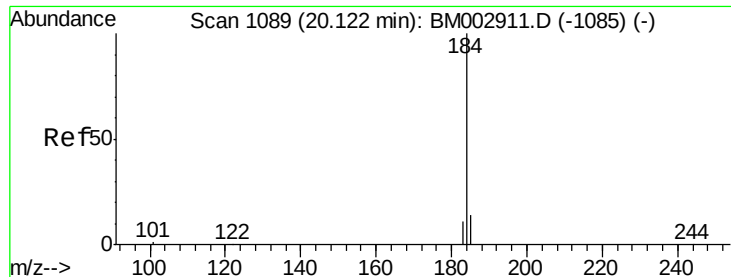


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.94 ng

RT: 20.12 min Scan# 1090

Delta R.T. -0.01 min

Lab File: BM002915.D

Acq: 15 Oct 2015 15:26

Instrument :

BNA_M

ClientSampleId :

ICVBM101515

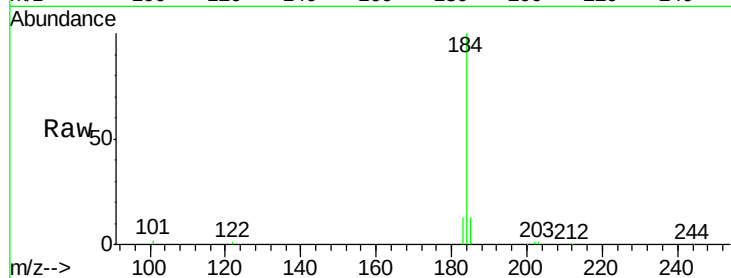
Tot Ion:184 Resp: 43491

Ion Ratio Lower Upper

184 100

185 13.1 12.0 18.0

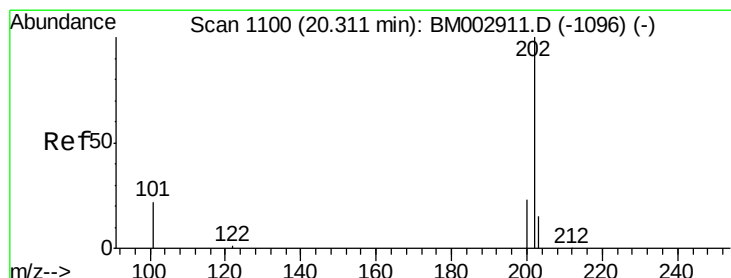
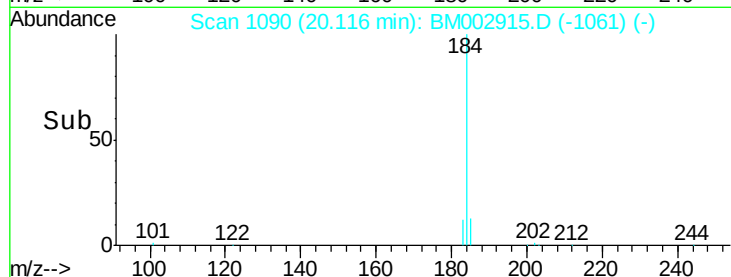
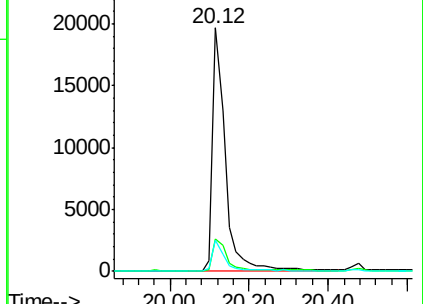
183 12.7 8.9 13.3



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



#28

Pyrene

Concen: 1.00 ng

RT: 20.32 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BM002915.D

Acq: 15 Oct 2015 15:26

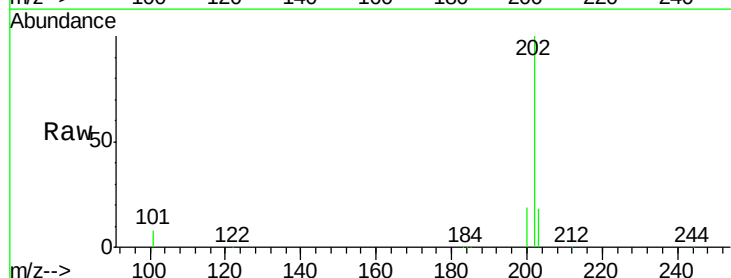
Tgt Ion:202 Resp: 106850

Ion Ratio Lower Upper

202 100

200 20.2 16.2 24.4

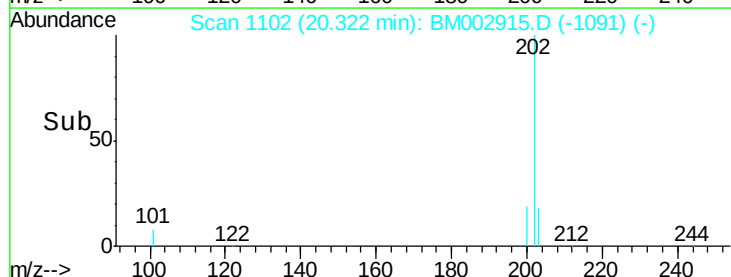
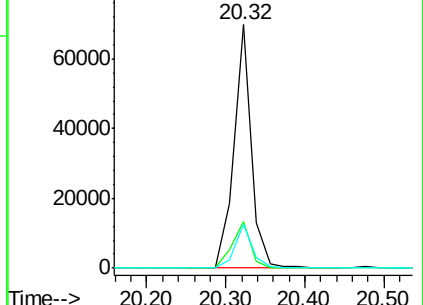
203 17.6 13.8 20.8

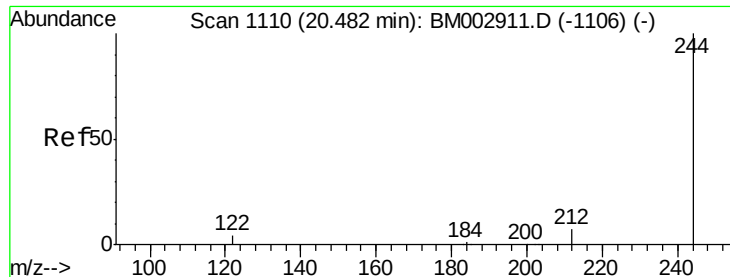


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.99 ng

RT: 20.48 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BM002915.D

Acq: 15 Oct 2015 15:26

Instrument :

BNA_M

ClientSampleId :

ICVBM101515

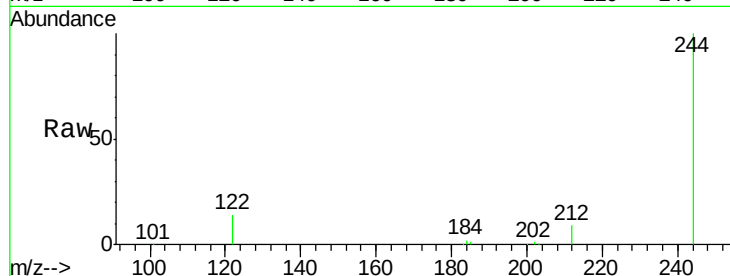
Tot Ion:244 Resp: 54121

Ion Ratio Lower Upper

244 100

212 9.1 5.6 8.4#

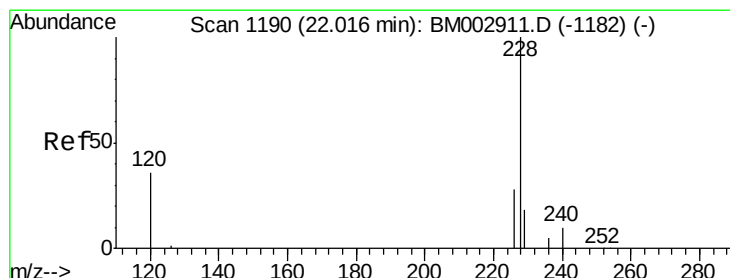
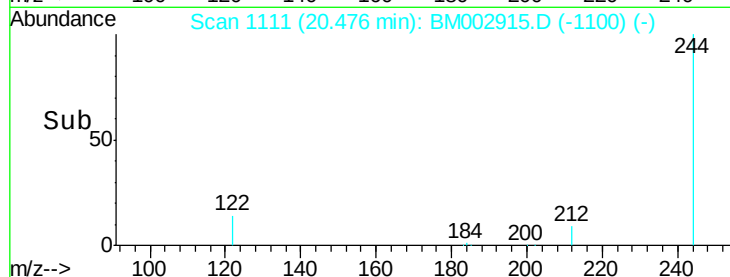
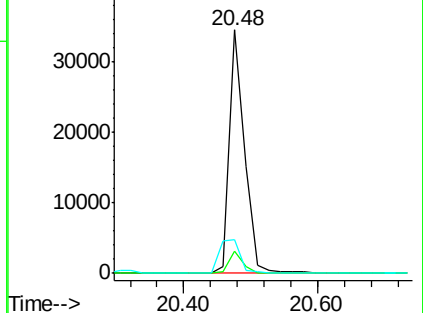
122 13.9 2.2 3.2#



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



#30

Benzo(a)anthracene

Concen: 0.87 ng

RT: 22.03 min Scan# 1192

Delta R.T. 0.01 min

Lab File: BM002915.D

Acq: 15 Oct 2015 15:26

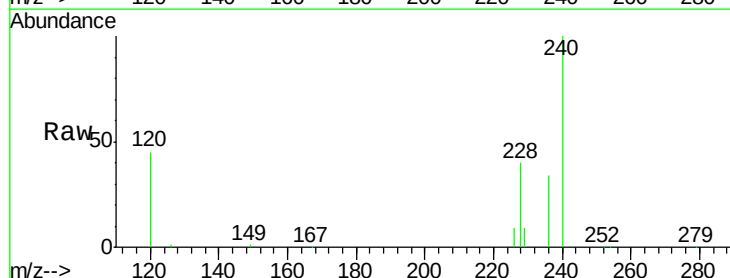
Tgt Ion:228 Resp: 96249

Ion Ratio Lower Upper

228 100

226 22.0 19.0 28.6

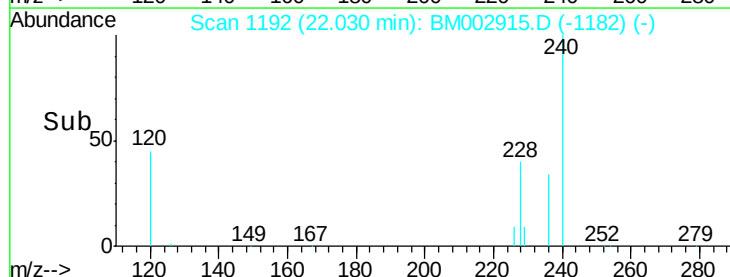
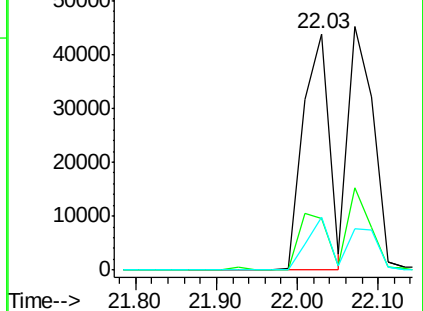
229 22.4 16.8 25.2

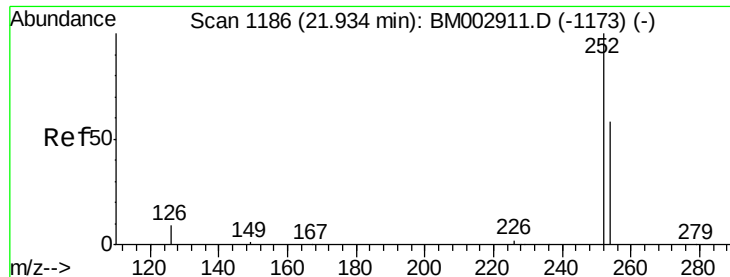


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

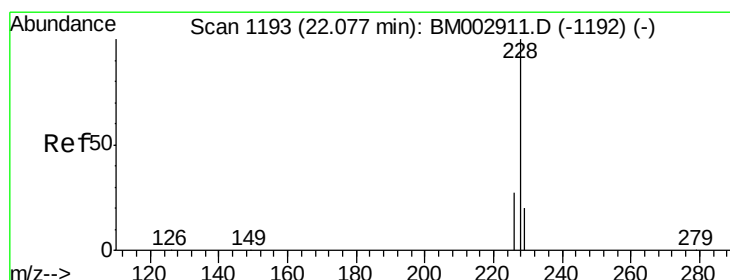
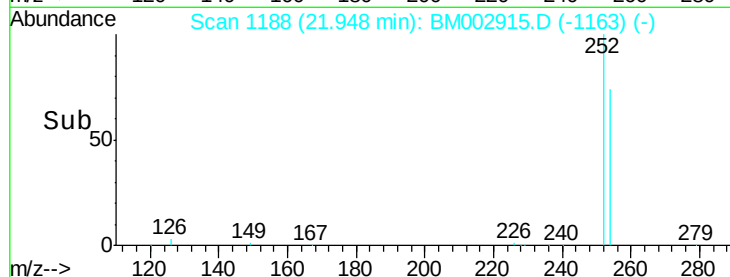
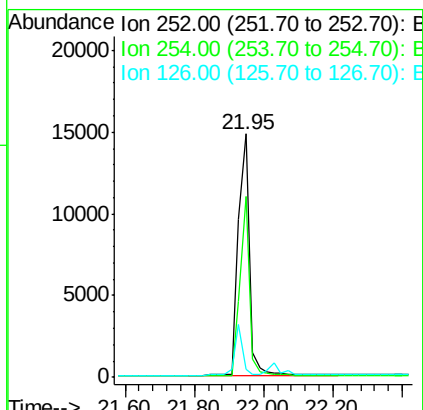
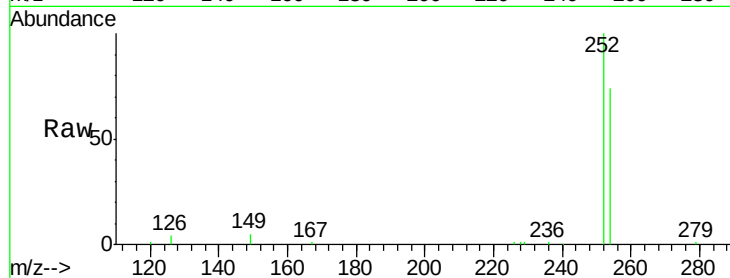




#31
 3,3'-Dichlorobenzidine
 Concen: 0.94 ng
 RT: 21.95 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BM002915.D
 Acq: 15 Oct 2015 15:26

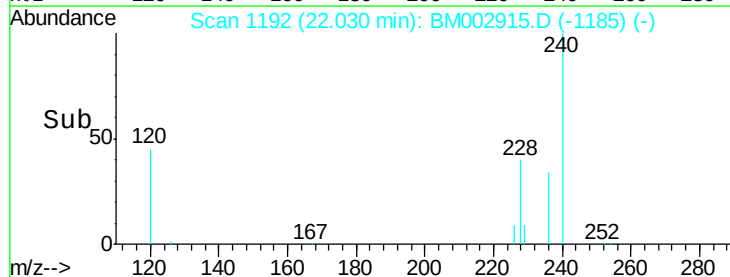
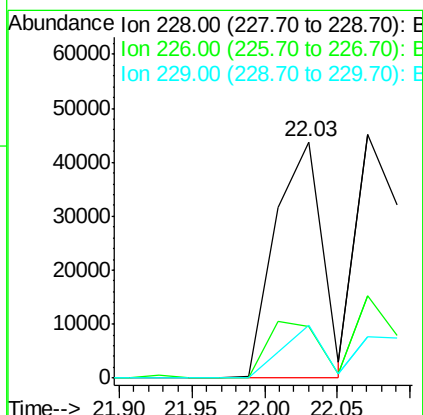
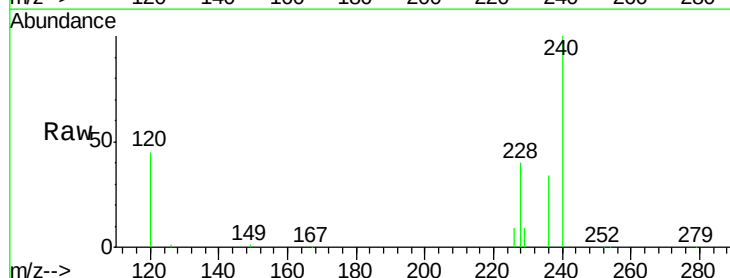
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM101515

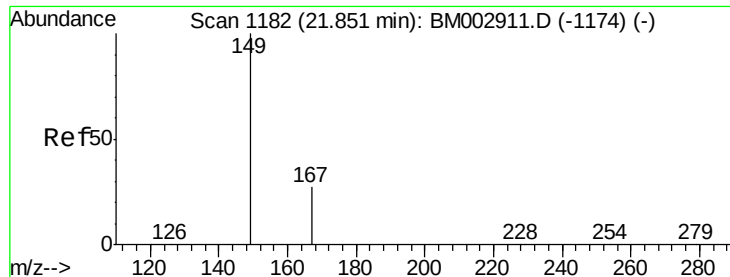
Tot Ion:252 Resp: 33341
 Ion Ratio Lower Upper
 252 100
 254 74.1 54.1 81.1
 126 3.5 4.1 6.1#



#32
 Chrysene
 Concen: 1.04 ng
 RT: 22.03 min Scan# 1192
 Delta R.T. -0.05 min
 Lab File: BM002915.D
 Acq: 15 Oct 2015 15:26

Tgt Ion:228 Resp: 95876
 Ion Ratio Lower Upper
 228 100
 226 22.0 20.6 30.8
 229 22.4 17.4 26.2





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.89 ng

RT: 21.85 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BM002915.D

Acq: 15 Oct 2015 15:26

Instrument :

BNA_M

ClientSampleId :

ICVBM101515

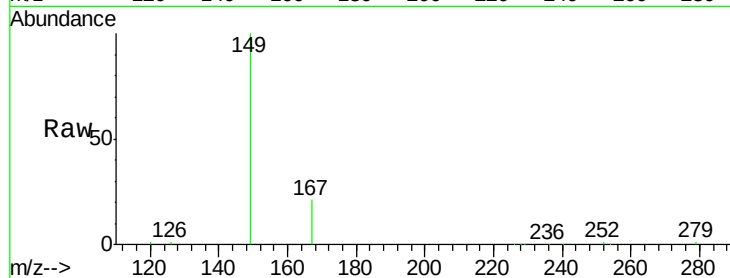
Tot Ion:149 Resp: 50982

Ion Ratio Lower Upper

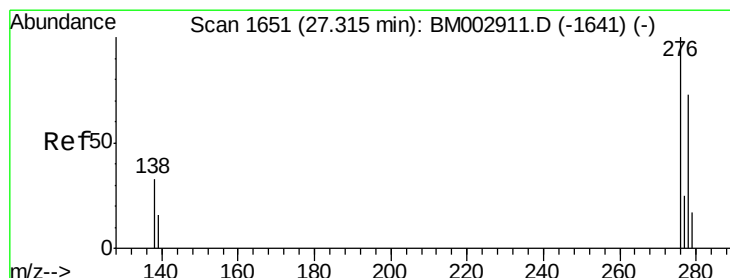
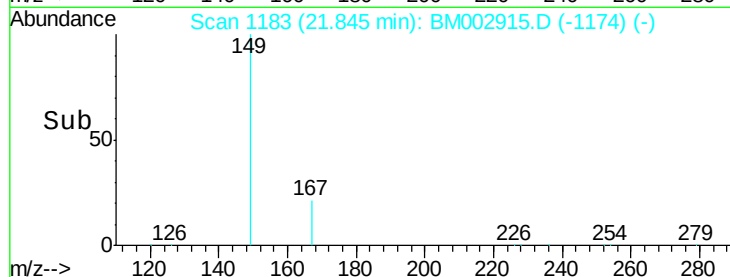
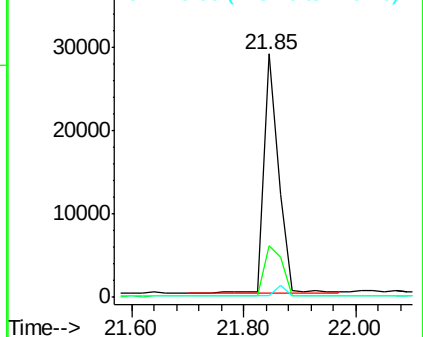
149 100

167 26.5 17.2 25.8#

279 0.0 2.2 3.4#



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



#34

Indeno(1,2,3-cd)pyrene

Concen: 1.01 ng

RT: 27.32 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BM002915.D

Acq: 15 Oct 2015 15:26

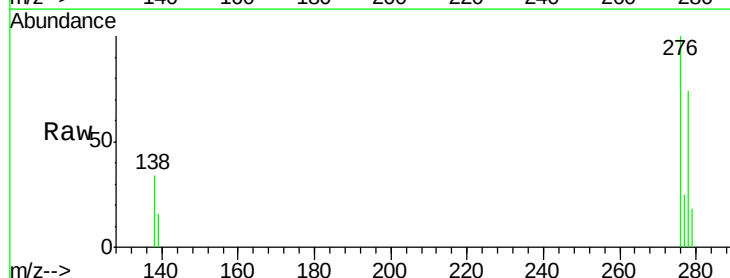
Tgt Ion:276 Resp: 102335

Ion Ratio Lower Upper

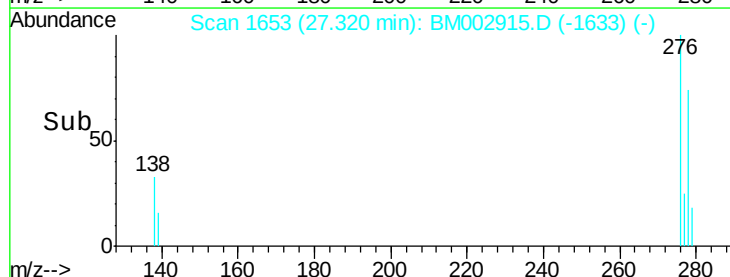
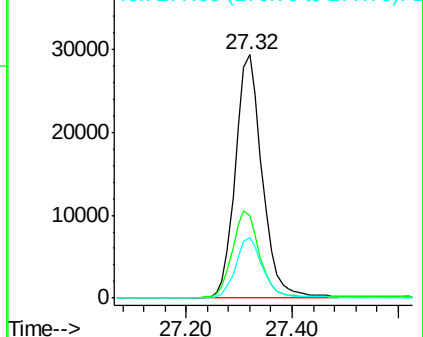
276 100

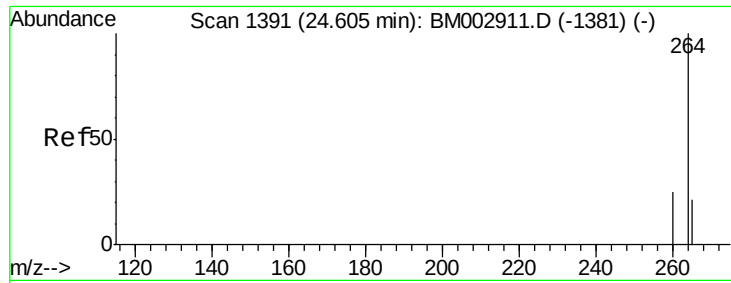
138 36.1 29.0 43.6

277 24.8 19.8 29.8



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

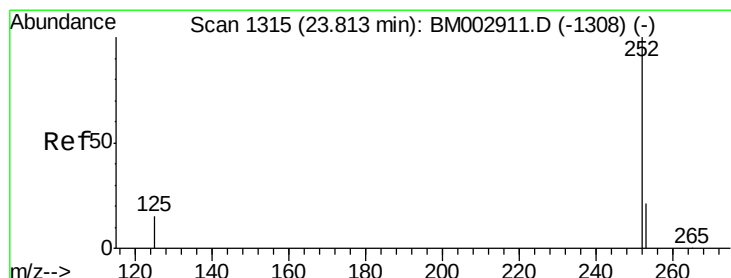
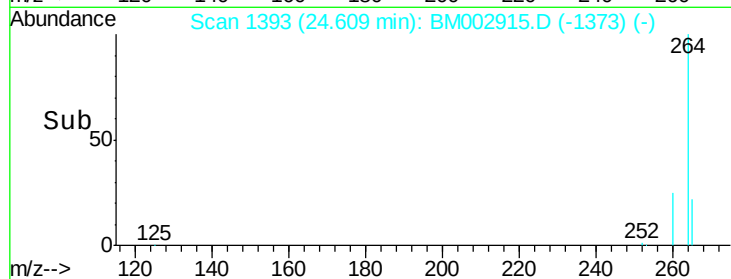
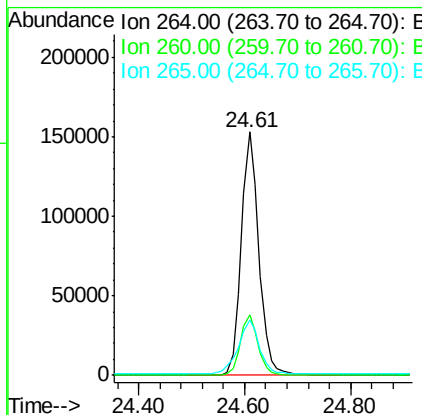
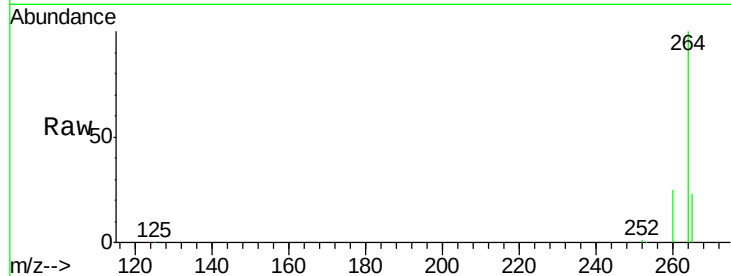




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 24.61 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: BM002915.D
 Acq: 15 Oct 2015 15:26

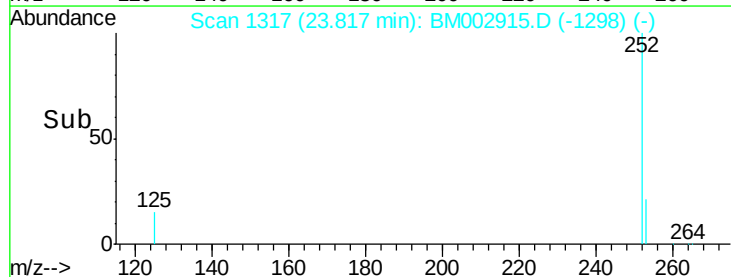
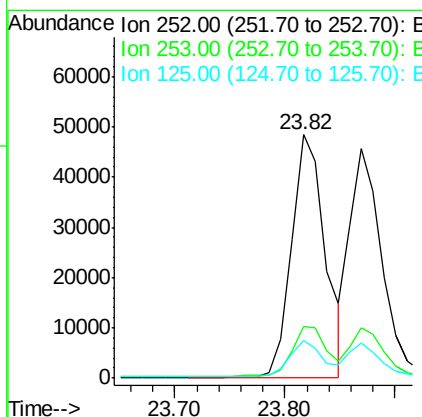
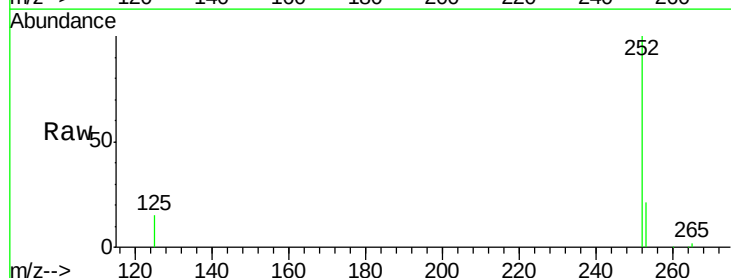
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM101515

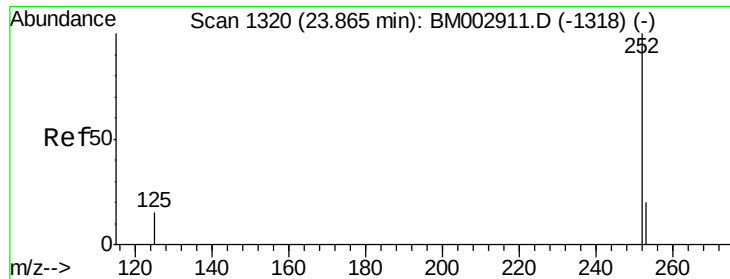
Tot Ion:264 Resp: 351417
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.1 30.1
 265 22.8 17.6 26.4



#36
 Benzo(b)fluoranthene
 Concen: 1.01 ng
 RT: 23.82 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BM002915.D
 Acq: 15 Oct 2015 15:26

Tgt Ion:252 Resp: 101962
 Ion Ratio Lower Upper
 252 100
 253 21.4 17.5 26.3
 125 15.2 12.4 18.6





#37

Benzo(k)fluoranthene

Concen: 0.93 ng

RT: 23.87 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BM002915.D

Acq: 15 Oct 2015 15:26

Instrument :

BNA_M

ClientSampleId :

ICVBM101515

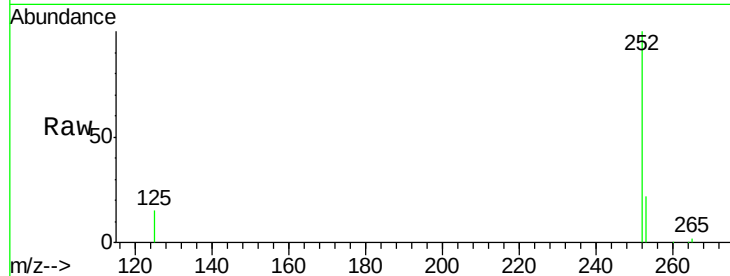
Tot Ion:252 Resp: 92255

Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

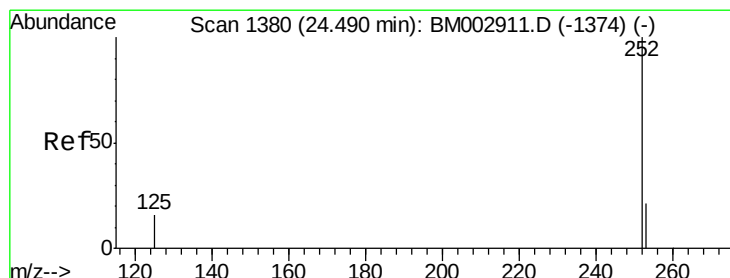
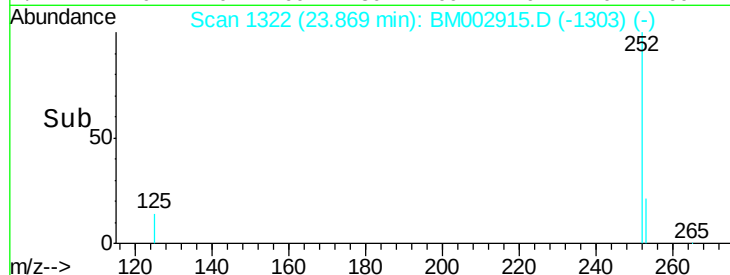
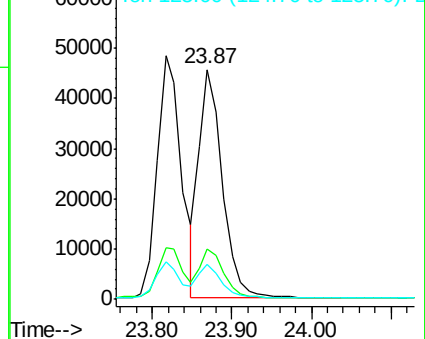
125 15.0 12.3 18.5



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



#38

Benzo(a)pyrene

Concen: 0.95 ng

RT: 24.49 min Scan# 1382

Delta R.T. -0.01 min

Lab File: BM002915.D

Acq: 15 Oct 2015 15:26

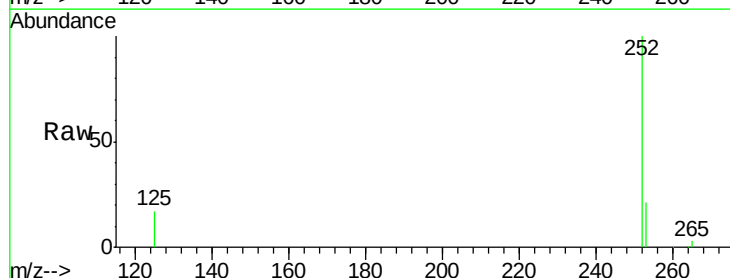
Tgt Ion:252 Resp: 84862

Ion Ratio Lower Upper

252 100

253 21.4 18.4 27.6

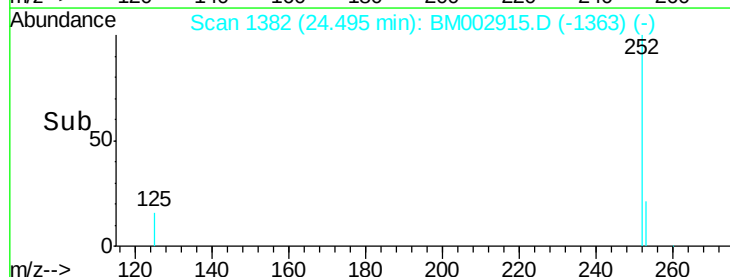
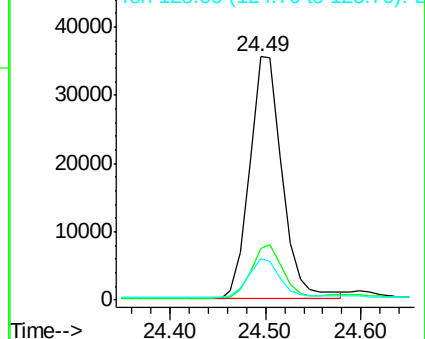
125 17.1 13.3 19.9

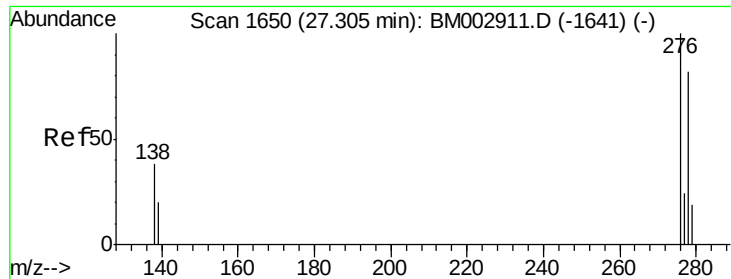


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 0.96 ng

RT: 27.31 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BM002915.D

Acq: 15 Oct 2015 15:26

Instrument :

BNA_M

ClientSampleId :

ICVBM101515

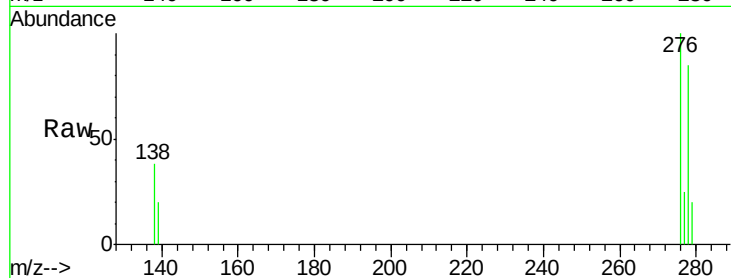
Tot Ion:278 Resp: 81997

Ion Ratio Lower Upper

278 100

139 23.8 19.8 29.6

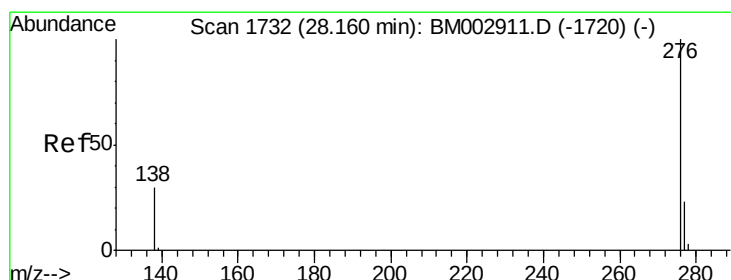
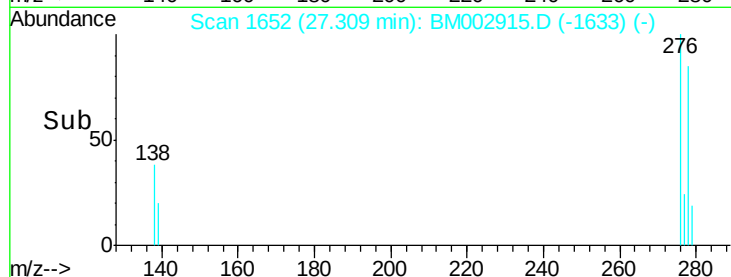
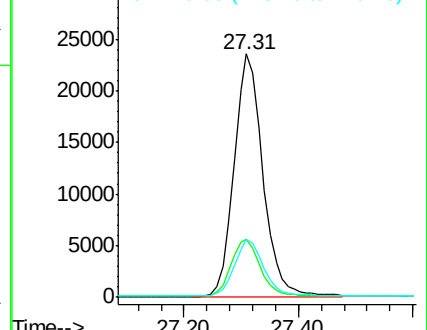
279 23.6 19.1 28.7



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



#40

Benzo(g,h,i)perylene

Concen: 0.98 ng

RT: 28.16 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BM002915.D

Acq: 15 Oct 2015 15:26

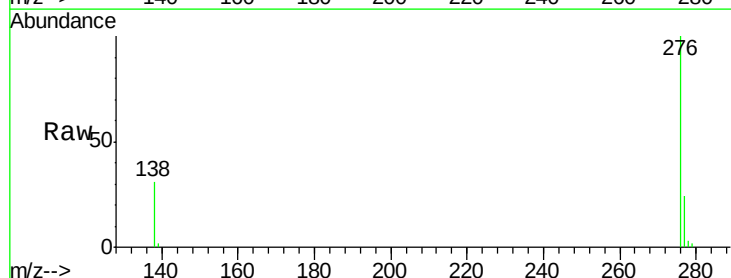
Tgt Ion:276 Resp: 87296

Ion Ratio Lower Upper

276 100

277 23.5 19.4 29.0

138 31.2 24.4 36.6



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

