

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100915\
 Data File : BM002889.D
 Acq On : 09 Oct 2015 17:47
 Operator : UM/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 10 05:04:48 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM100815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 09 06:47:52 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	76859	5.00	ng	-0.02
7) Naphthalene-d8	11.51	136	313141	5.00	ng	-0.01
13) Acenaphthene-d10	15.25	164	167015	5.00	ng	0.00
19) Phenanthrene-d10	17.97	188	306186	5.00	ng	0.02
26) Chrysene-d12	22.05	240	346562	5.00	ng	0.00
35) Perylene-d12	24.63	264	277996	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	6.15	112	13302	0.81	ng	0.00
5) Phenol-d6	7.80	99	18474	0.91	ng	0.00
8) Nitrobenzene-d5	9.88	82	15012	0.95	ng	0.00
14) 2,4,6-Tribromophenol	16.74	330	4572	0.83	ng	0.00
15) 2-Fluorobiphenyl	13.89	172	49859	0.99	ng	0.00
29) Terphenyl-d14	20.49	244	48804	1.06	ng	0.00

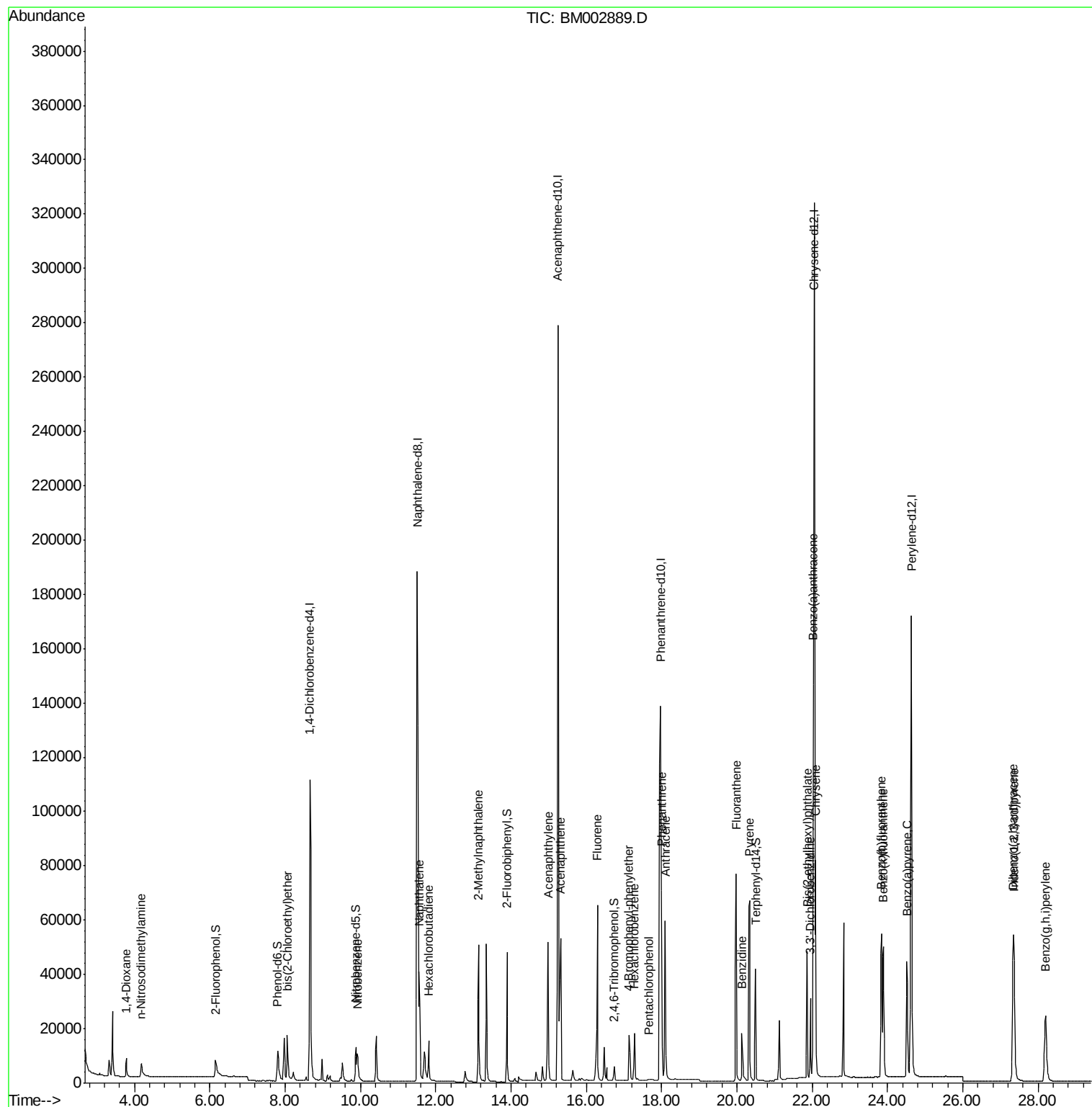
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.78	88	6627	0.96	ng	99
3) n-Nitrosodimethylamine	4.17	42	5676	0.95	ng	99
6) bis(2-Chloroethyl)ether	8.06	93	17186	0.86	ng	98
9) Nitrobenzene	9.92	77	15898	0.95	ng	100
10) Naphthalene	11.56	128	66791	0.96	ng	97
11) Hexachlorobutadiene	11.82	225	10754	0.98	ng	100
12) 2-Methylnaphthalene	13.13	142	44338	0.96	ng	97
16) Acenaphthylene	14.98	152	68351	0.96	ng	100
17) Acenaphthene	15.32	154	42923	0.94	ng	# 100
18) Fluorene	16.29	166	53197	0.95	ng	100
20) 4-Bromophenyl-phenylether	17.13	248	13718	0.94	ng	# 34
21) Hexachlorobenzene	17.28	284	19992	1.12	ng	# 99
22) Pentachlorophenol	17.66	266	856	0.69	ng	95
23) Phenanthrene	18.00	178	89462	1.00	ng	98
24) Anthracene	18.10	178	82264	1.09	ng	100
25) Fluoranthene	19.98	202	91836	0.93	ng	100
27) Benzidine	20.13	184	33356	0.76	ng	97
28) Pyrene	20.34	202	96531	1.03	ng	100
30) Benzo(a)anthracene	22.03	228	107478	1.08	ng	97
31) 3,3'-Dichlorobenzidine	21.95	252	31095	0.81	ng	# 93
32) Chrysene	22.09	228	70801	0.76	ng	97
33) Bis(2-ethylhexyl)phthalate	21.87	149	52904	0.87	ng	# 86
34) Indeno(1,2,3-cd)pyrene	27.35	276	76034	0.68	ng	100
36) Benzo(b)fluoranthene	23.84	252	78547	0.99	ng	98
37) Benzo(k)fluoranthene	23.89	252	79176	1.03	ng	99
38) Benzo(a)pyrene	24.52	252	69066	0.94	ng	99
39) Dibenzo(a,h)anthracene	27.34	278	60471	0.85	ng	100
40) Benzo(g,h,i)perylene	28.20	276	62477	0.85	ng	99

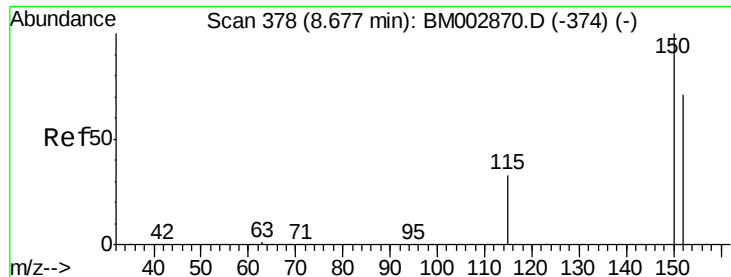
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.66 min Scan# 377

Delta R.T. -0.02 min

Lab File: BM002889.D

Acq: 09 Oct 2015 17:47

Instrument :

BNA_M

ClientSampleId :

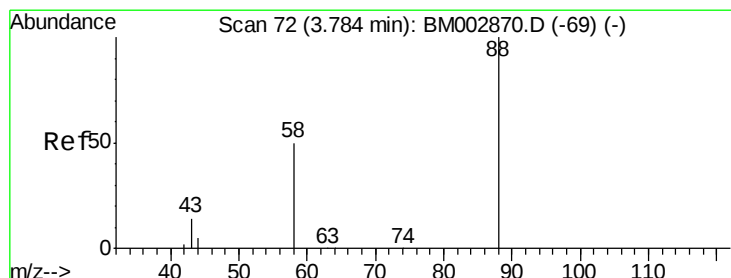
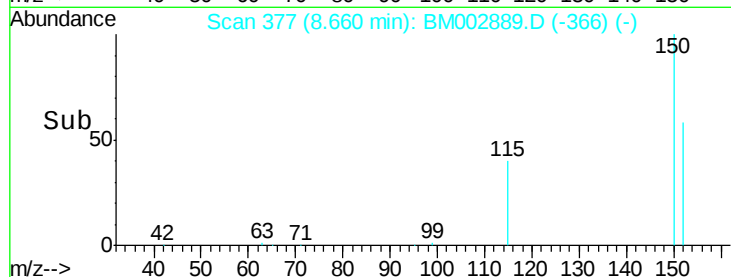
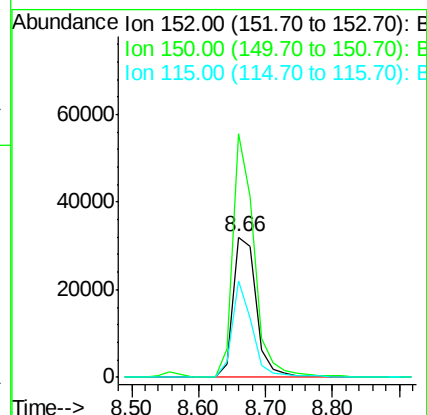
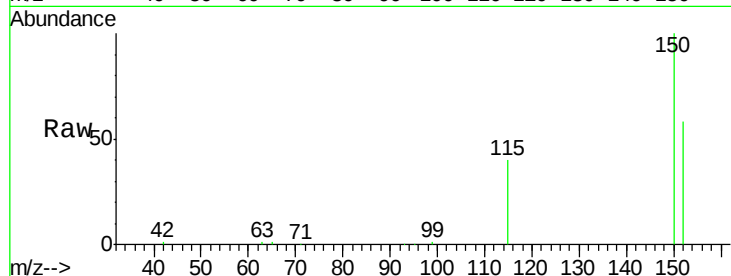
Tot Ion:152 Resp: 76859

Ion Ratio Lower Upper

152 100

150 173.4 113.0 169.6#

115 68.9 37.9 56.9#



#2

1,4-Dioxane

Concen: 0.96 ng

RT: 3.78 min Scan# 72

Delta R.T. 0.00 min

Lab File: BM002889.D

Acq: 09 Oct 2015 17:47

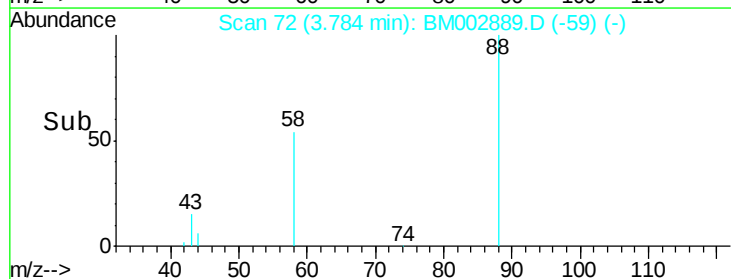
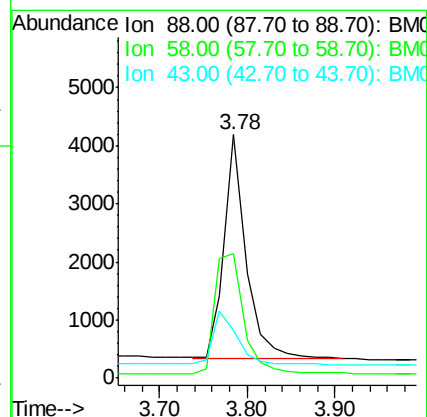
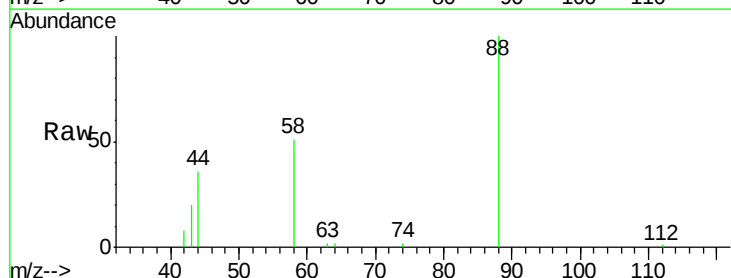
Tgt Ion: 88 Resp: 6627

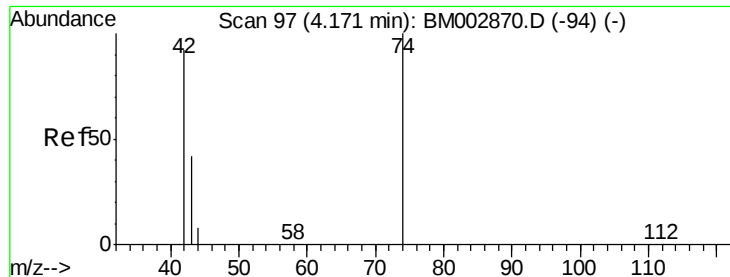
Ion Ratio Lower Upper

88 100

58 71.5 56.7 85.1

43 26.9 22.0 33.0



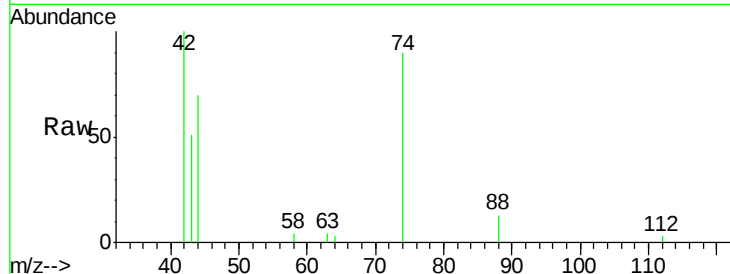


#3

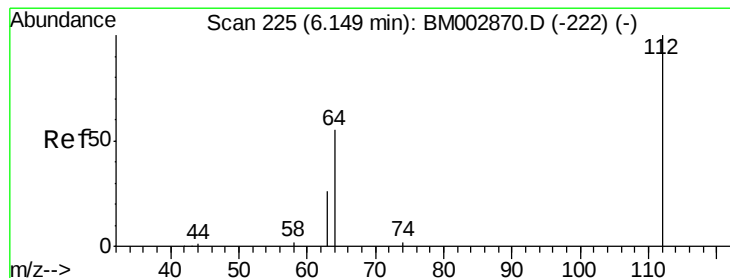
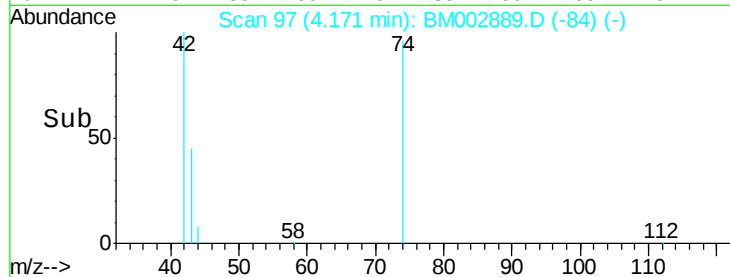
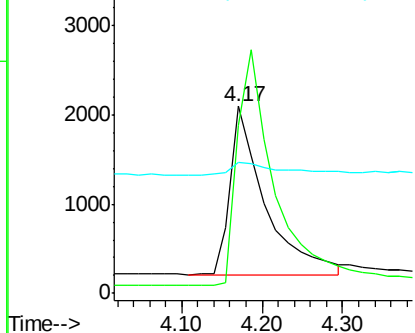
n-Nitrosodimethylamine
 Concen: 0.95 ng
 RT: 4.17 min Scan# 97
 Delta R.T. 0.00 min
 Lab File: BM002889.D
 Acq: 09 Oct 2015 17:47

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 42 Resp: 5676
 Ion Ratio Lower Upper
 42 100
 74 148.7 119.7 179.5
 44 11.5 9.8 14.6



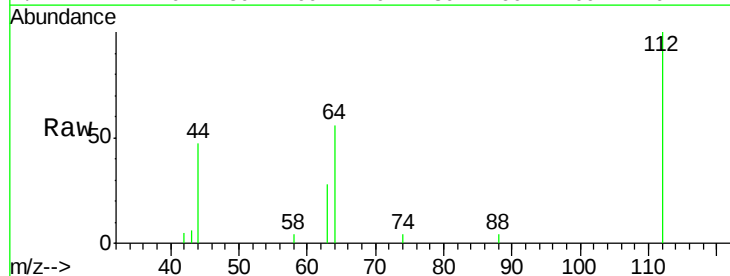
Abundance Ion 42.00 (41.70 to 42.70): BM0
 Ion 74.00 (73.70 to 74.70): BM0
 Ion 44.00 (43.70 to 44.70): BM0



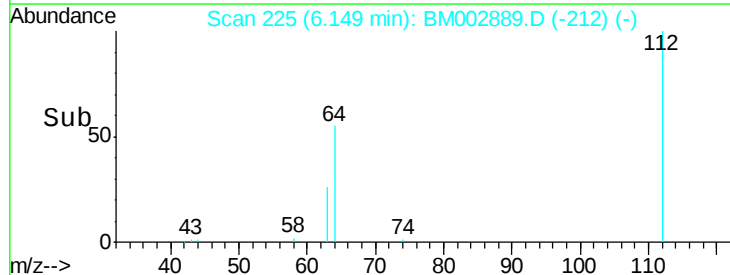
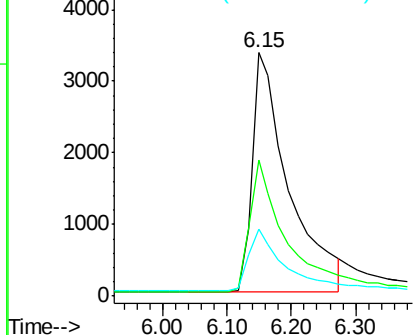
#4

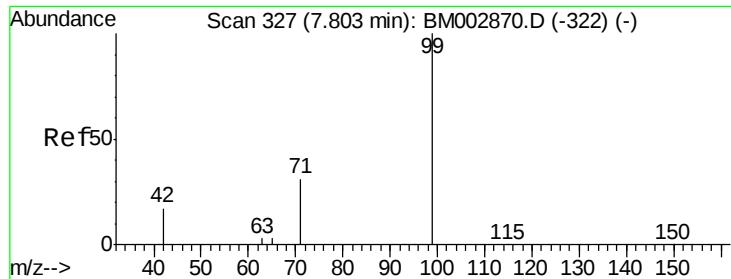
2-Fluorophenol
 Concen: 0.81 ng
 RT: 6.15 min Scan# 225
 Delta R.T. 0.00 min
 Lab File: BM002889.D
 Acq: 09 Oct 2015 17:47

Tgt Ion: 112 Resp: 13302
 Ion Ratio Lower Upper
 112 100
 64 52.3 42.0 63.0
 63 25.2 20.0 30.0



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: 0.91 ng

RT: 7.80 min Scan# 327

Delta R.T. 0.00 min

Lab File: BM002889.D

Acq: 09 Oct 2015 17:47

Instrument :

BNA_M

ClientSampleId :

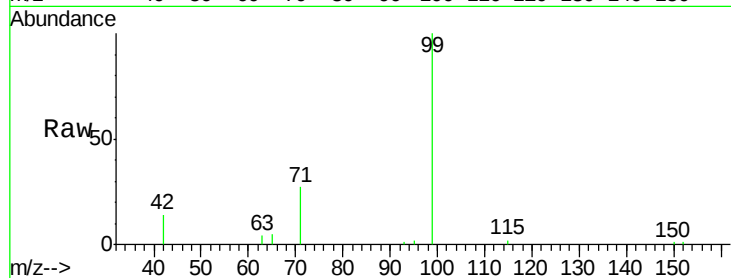
Tot Ion: 99 Resp: 18474

Ion Ratio Lower Upper

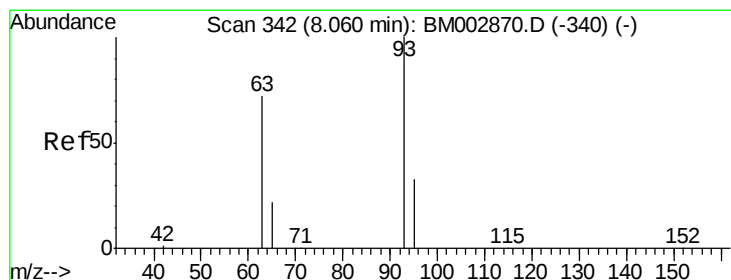
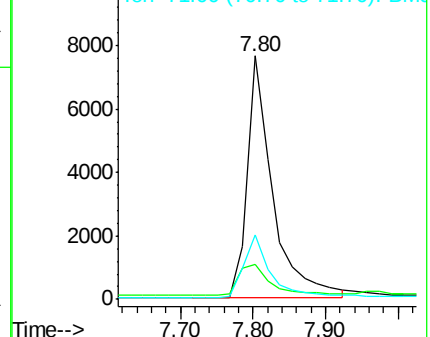
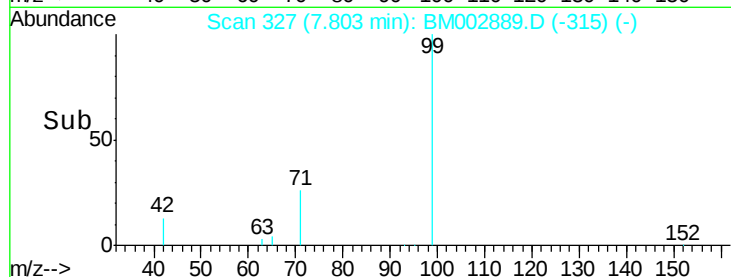
99 100

42 15.9 12.4 18.6

71 26.8 21.4 32.0



Abundance Ion 99.00 (98.70 to 99.70): BM002889.D (-315) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.86 ng

RT: 8.06 min Scan# 342

Delta R.T. 0.00 min

Lab File: BM002889.D

Acq: 09 Oct 2015 17:47

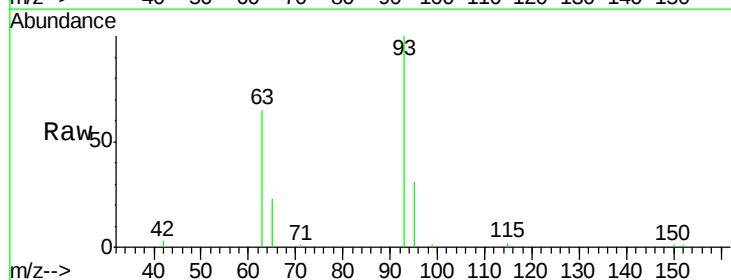
Tgt Ion: 93 Resp: 17186

Ion Ratio Lower Upper

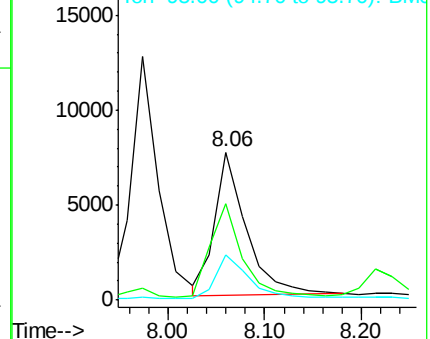
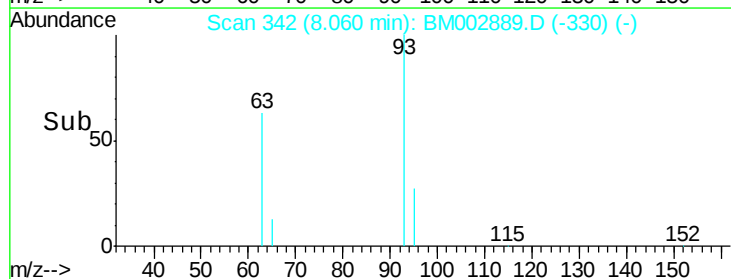
93 100

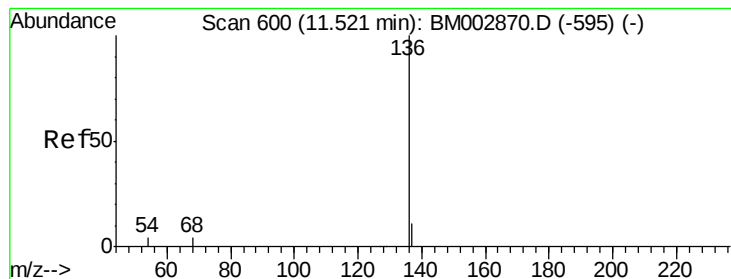
63 68.2 52.9 79.3

95 32.2 25.2 37.8



Abundance Ion 93.00 (92.70 to 93.70): BM002889.D (-330) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 11.51 min Scan# 600

Delta R.T. -0.01 min

Lab File: BM002889.D

Acq: 09 Oct 2015 17:47

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 313141

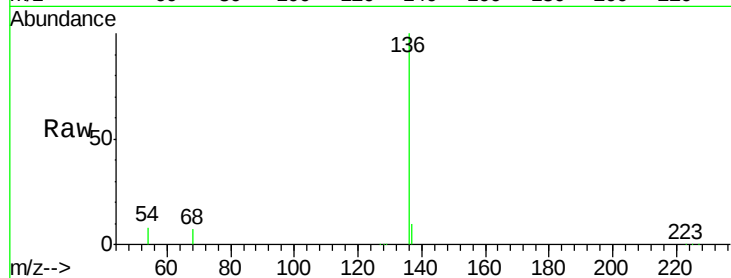
Ion Ratio Lower Upper

136 100

137 10.2 9.1 13.7

54 8.5 3.5 5.3#

68 7.1 3.3 4.9#

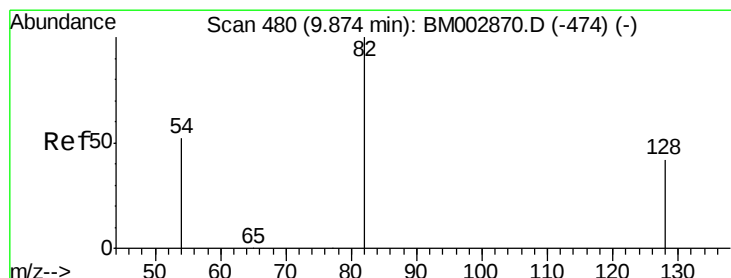
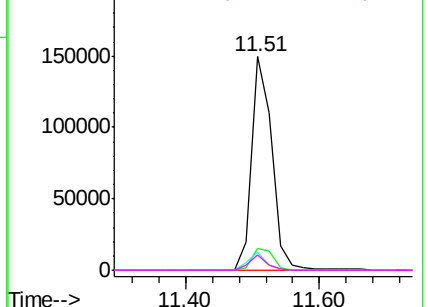
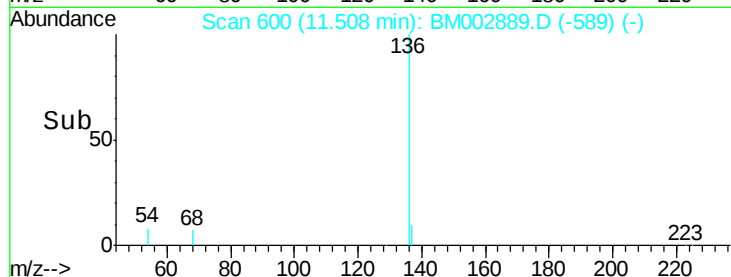


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.95 ng

RT: 9.88 min Scan# 481

Delta R.T. 0.00 min

Lab File: BM002889.D

Acq: 09 Oct 2015 17:47

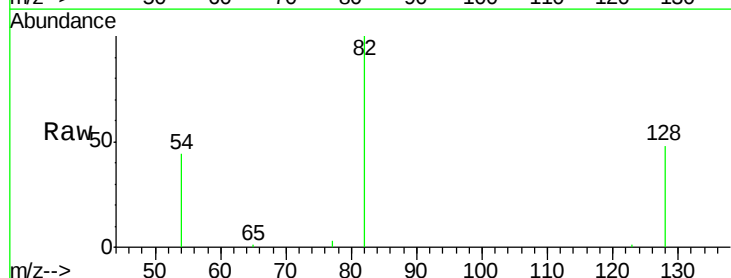
Tgt Ion: 82 Resp: 15012

Ion Ratio Lower Upper

82 100

128 48.0 34.1 51.1

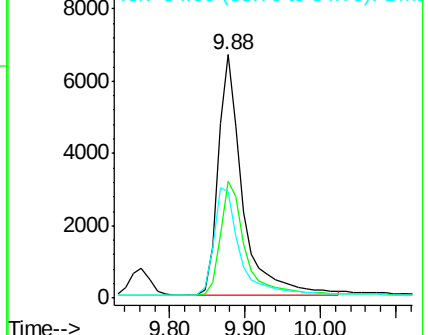
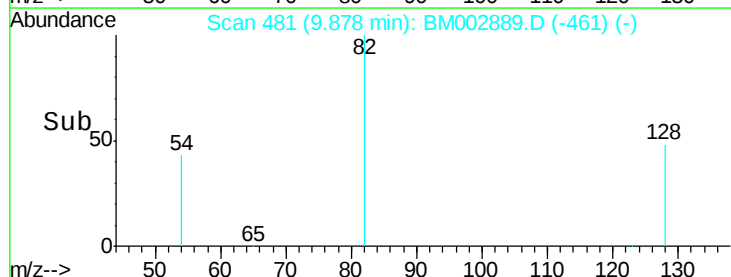
54 43.9 42.6 63.8

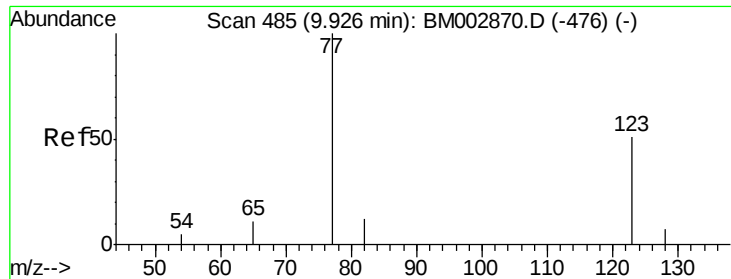


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 0.95 ng

RT: 9.92 min Scan# 485

Delta R.T. -0.01 min

Lab File: BM002889.D

Acq: 09 Oct 2015 17:47

Instrument :

BNA_M

ClientSampleId :

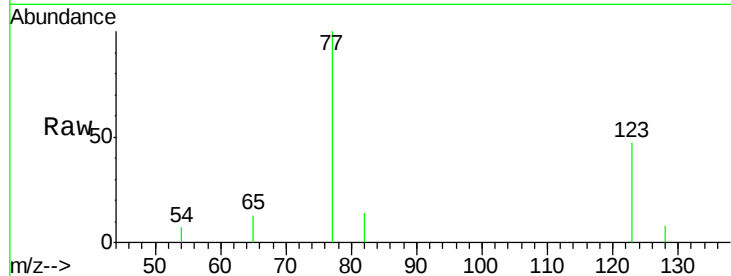
Tot Ion: 77 Resp: 15898

Ion Ratio Lower Upper

77 100

123 51.1 41.0 61.4

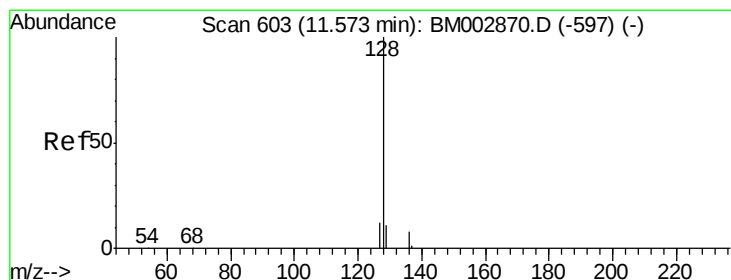
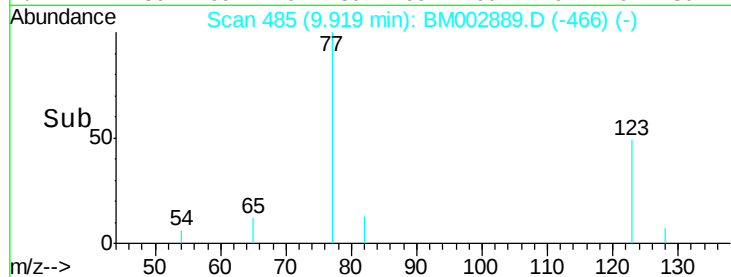
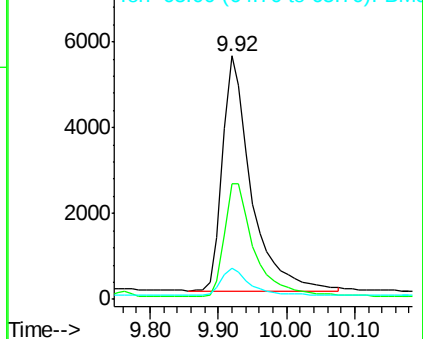
65 11.8 9.7 14.5



Abundance Ion 77.00 (76.70 to 77.70): BM002870.D (-476) (-)

Ion 123.00 (122.70 to 123.70): BM002870.D (-476) (-)

Ion 65.00 (64.70 to 65.70): BM002870.D (-476) (-)



#10

Naphthalene

Concen: 0.96 ng

RT: 11.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: BM002889.D

Acq: 09 Oct 2015 17:47

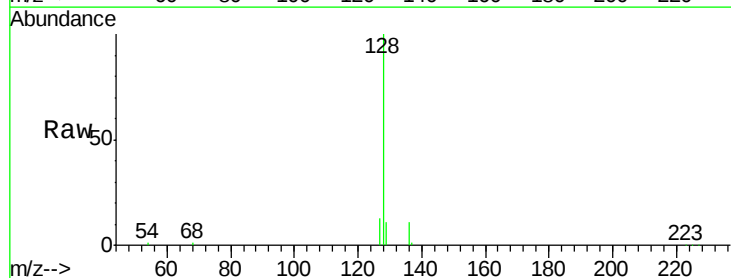
Tgt Ion: 128 Resp: 66791

Ion Ratio Lower Upper

128 100

129 10.7 9.4 14.2

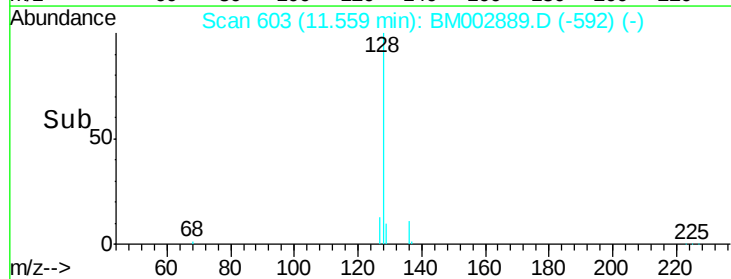
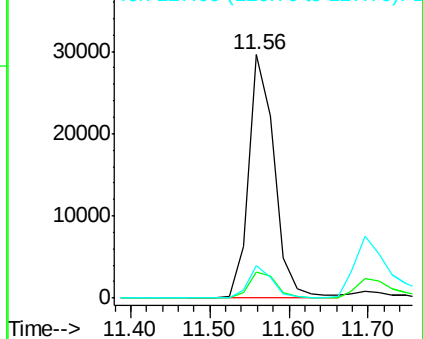
127 13.4 9.6 14.4

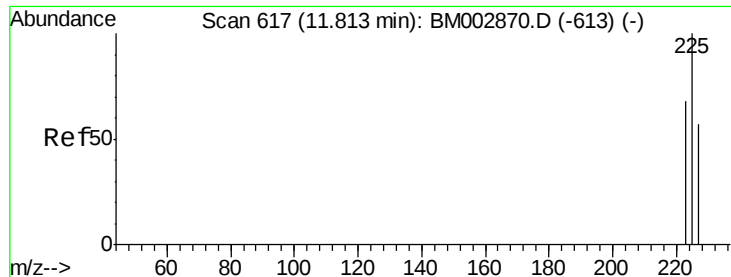


Abundance Ion 128.00 (127.70 to 128.70): BM002870.D (-597) (-)

Ion 129.00 (128.70 to 129.70): BM002870.D (-597) (-)

Ion 127.00 (126.70 to 127.70): BM002870.D (-597) (-)

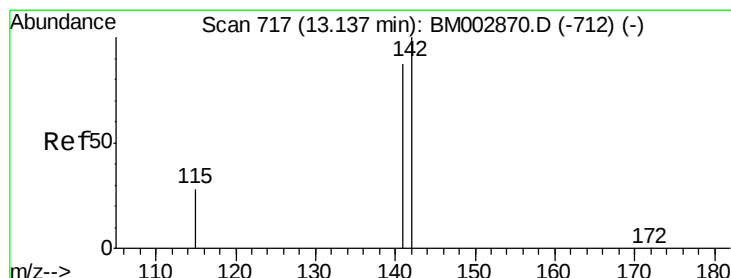
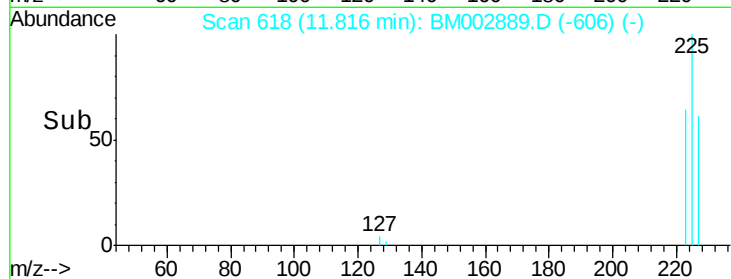
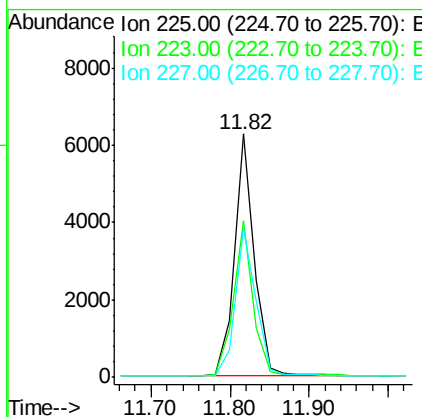
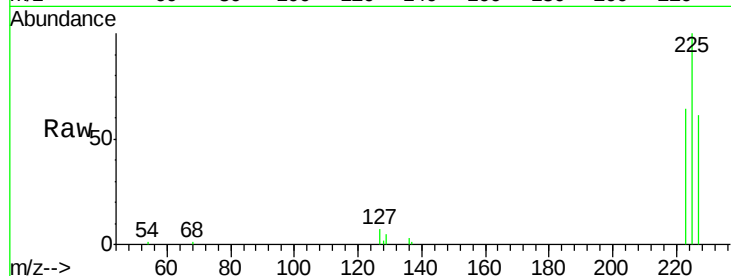




#11
Hexachlorobutadiene
Concen: 0.98 ng
RT: 11.82 min Scan# 618
Delta R.T. 0.00 min
Lab File: BM002889.D
Acq: 09 Oct 2015 17:47

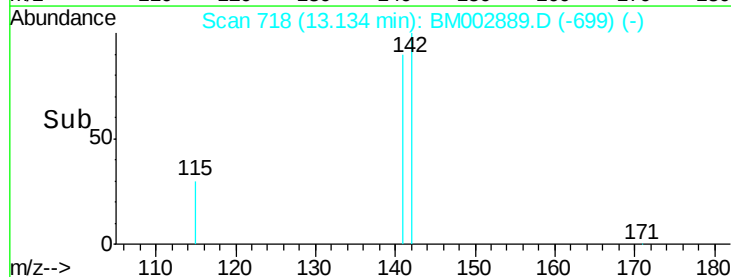
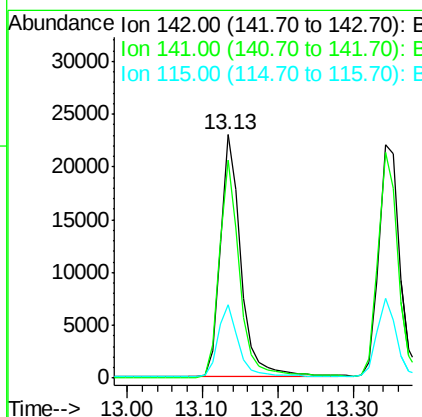
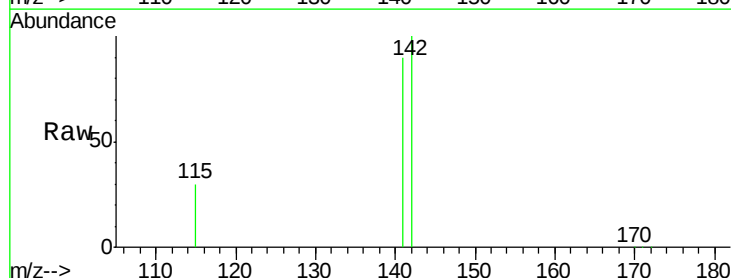
Instrument :
BNA_M
ClientSampleId :

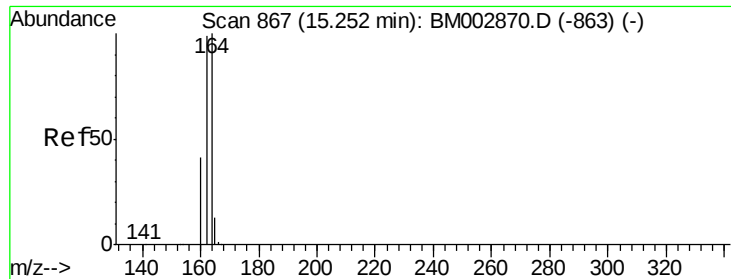
Tot Ion:225 Resp: 10754
Ion Ratio Lower Upper
225 100
223 63.1 50.1 75.1
227 63.8 51.2 76.8



#12
2-Methylnaphthalene
Concen: 0.96 ng
RT: 13.13 min Scan# 718
Delta R.T. -0.00 min
Lab File: BM002889.D
Acq: 09 Oct 2015 17:47

Tgt Ion:142 Resp: 44338
Ion Ratio Lower Upper
142 100
141 89.6 69.4 104.0
115 29.9 22.7 34.1





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 15.25 min Scan# 868

Delta R.T. -0.00 min

Lab File: BM002889.D

Acq: 09 Oct 2015 17:47

Instrument :

BNA_M

ClientSampleId :

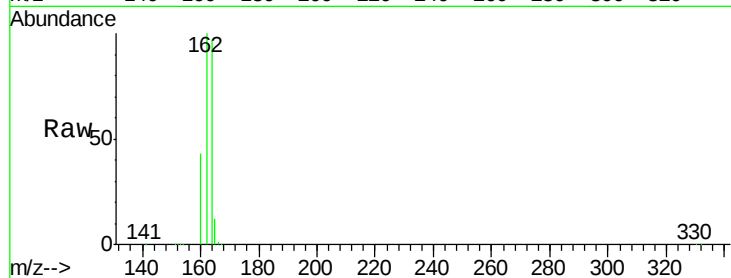
Tot Ion:164 Resp: 167015

Ion Ratio Lower Upper

164 100

162 102.9 79.6 119.4

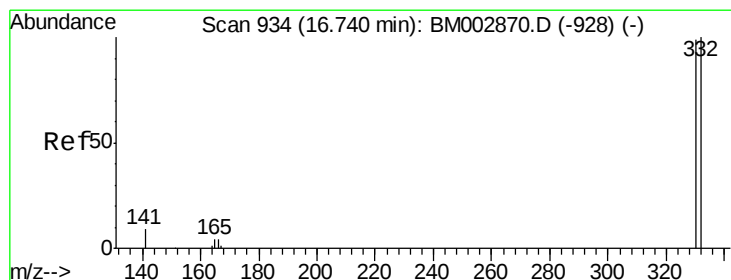
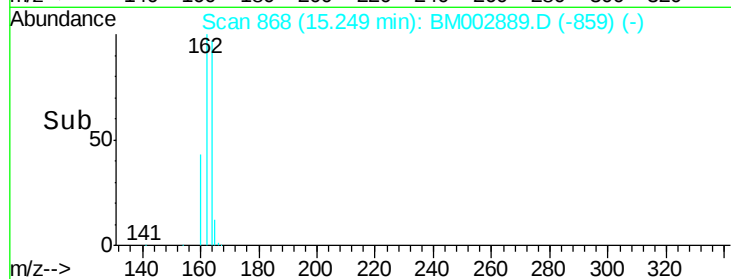
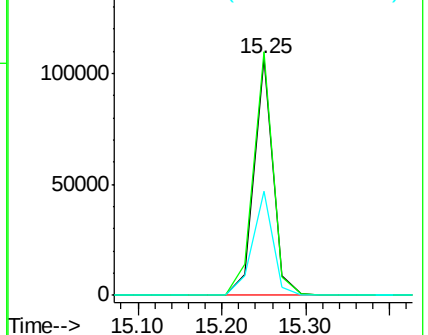
160 44.2 33.1 49.7



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: 0.83 ng

RT: 16.74 min Scan# 935

Delta R.T. -0.00 min

Lab File: BM002889.D

Acq: 09 Oct 2015 17:47

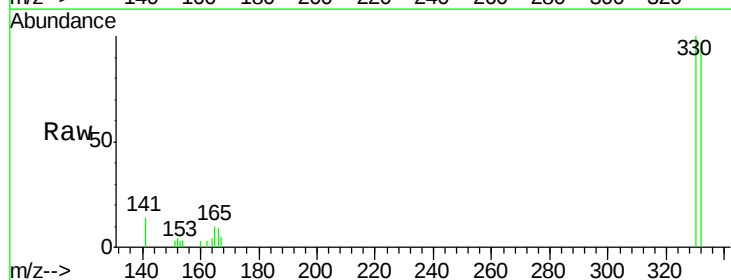
Tgt Ion:330 Resp: 4572

Ion Ratio Lower Upper

330 100

332 96.3 76.6 115.0

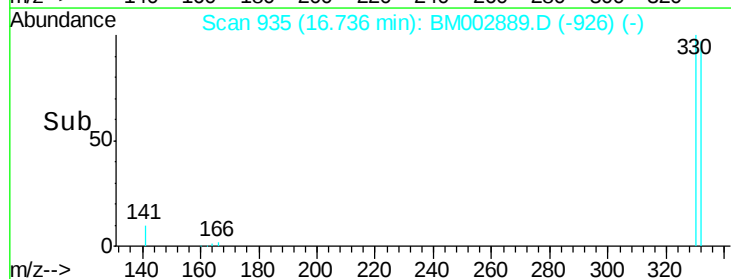
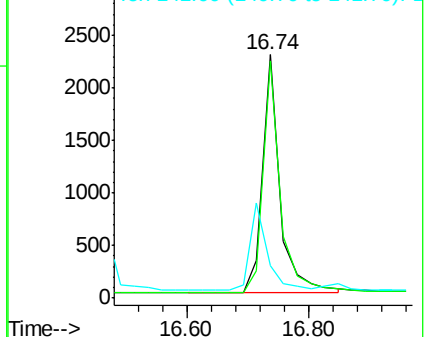
141 0.0 0.0 0.0

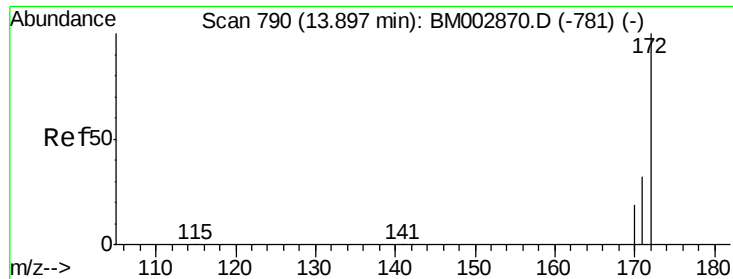


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

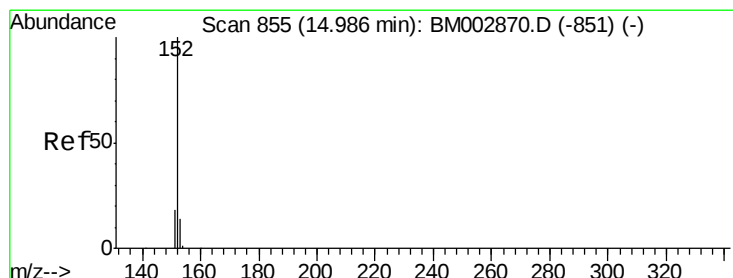
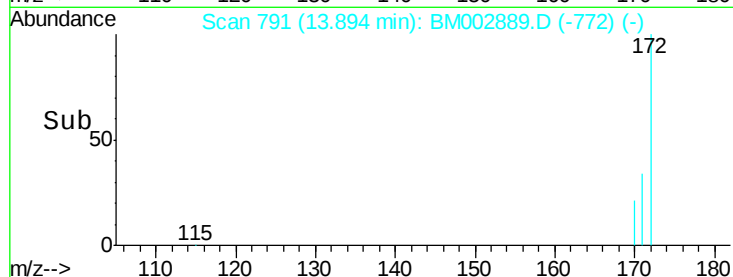
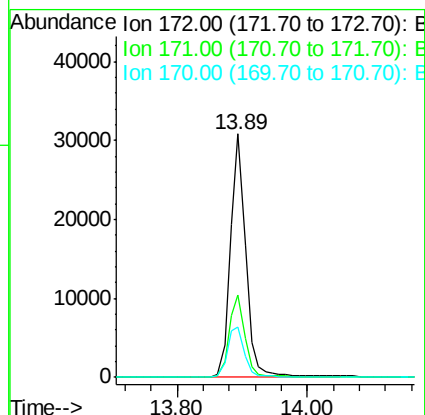
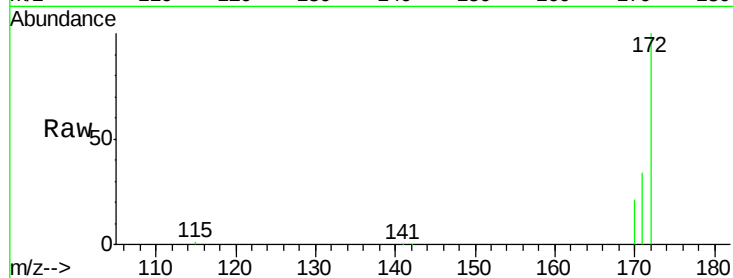




#15
2-Fluorobiphenyl
Concen: 0.99 ng
RT: 13.89 min Scan# 791
Delta R.T. -0.00 min
Lab File: BM002889.D
Acq: 09 Oct 2015 17:47

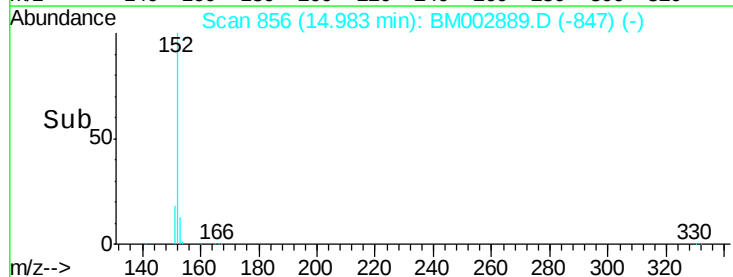
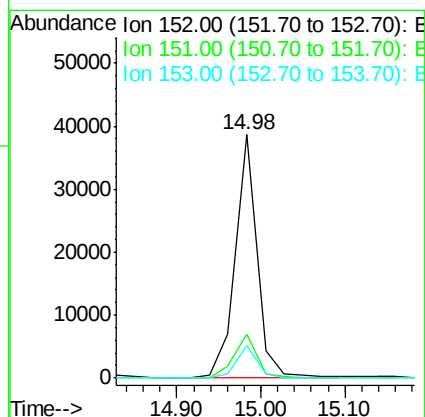
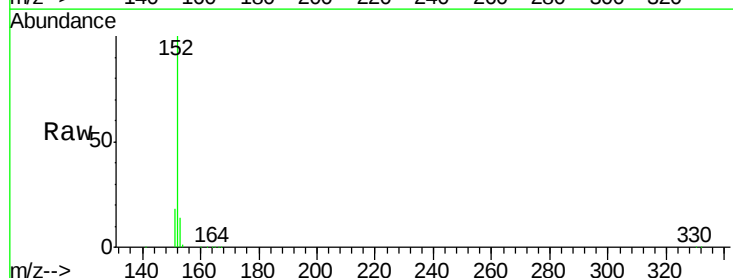
Instrument :
BNA_M
ClientSampleId :

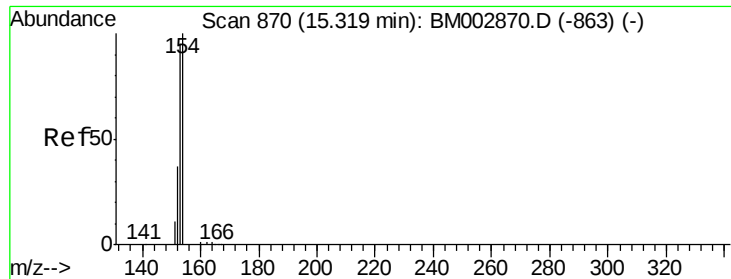
Tot Ion:172 Resp: 49859
Ion Ratio Lower Upper
172 100
171 33.6 26.1 39.1
170 20.9 15.7 23.5



#16
Acenaphthylene
Concen: 0.96 ng
RT: 14.98 min Scan# 856
Delta R.T. -0.00 min
Lab File: BM002889.D
Acq: 09 Oct 2015 17:47

Tgt Ion:152 Resp: 68351
Ion Ratio Lower Upper
152 100
151 19.0 15.3 22.9
153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 0.94 ng

RT: 15.32 min Scan# 871

Delta R.T. -0.00 min

Lab File: BM002889.D

Acq: 09 Oct 2015 17:47

Instrument :

BNA_M

ClientSampleId :

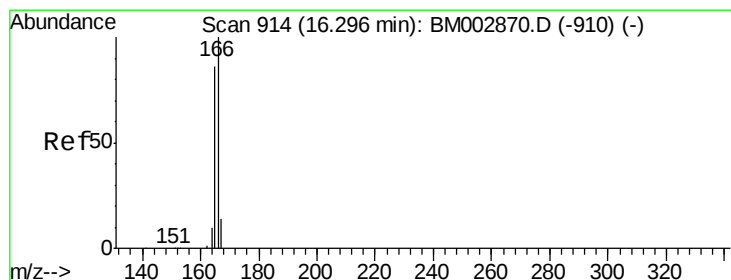
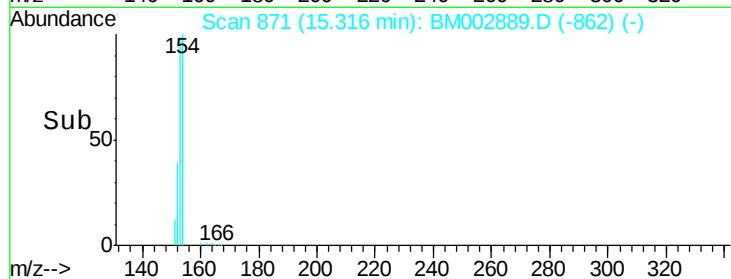
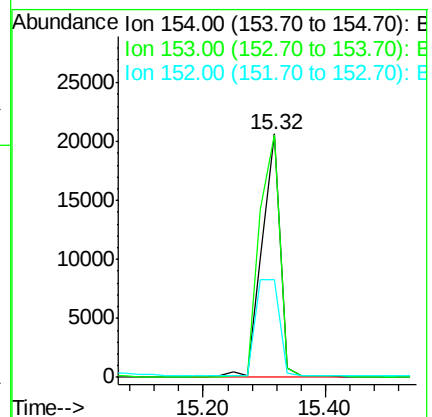
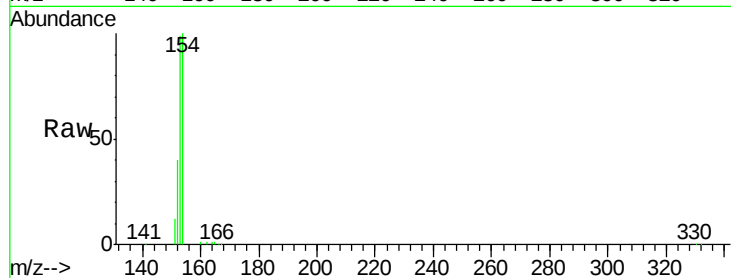
Tot Ion:154 Resp: 42923

Ion Ratio Lower Upper

154 100

153 110.7 0.0 0.0#

152 52.1 0.0 0.0#



#18

Fluorene

Concen: 0.95 ng

RT: 16.29 min Scan# 915

Delta R.T. -0.00 min

Lab File: BM002889.D

Acq: 09 Oct 2015 17:47

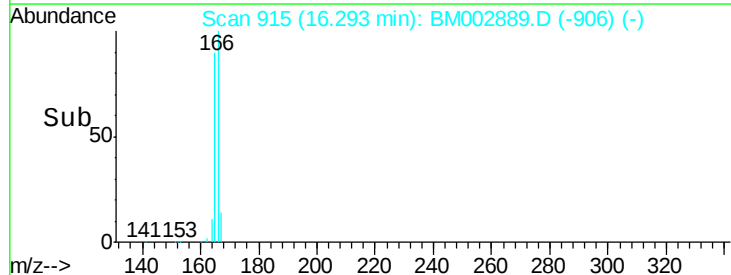
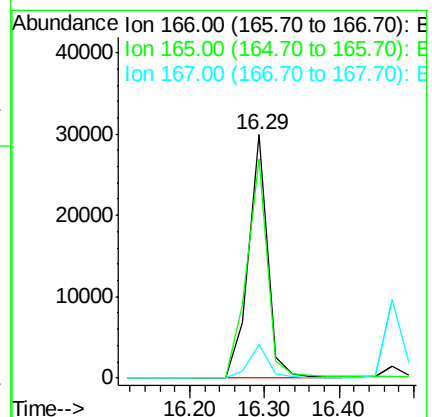
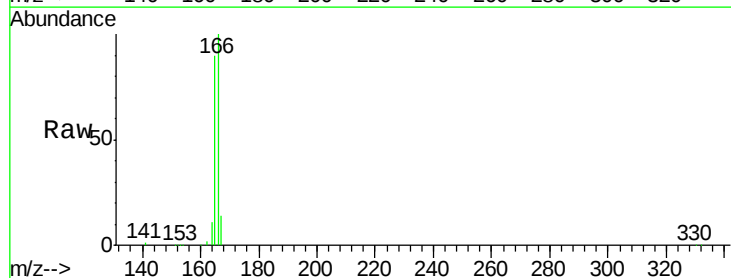
Tgt Ion:166 Resp: 53197

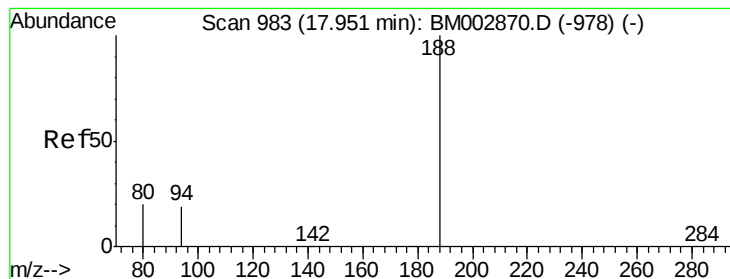
Ion Ratio Lower Upper

166 100

165 96.4 77.3 115.9

167 13.5 10.9 16.3





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.97 min Scan# 985

Delta R.T. 0.02 min

Lab File: BM002889.D

Acq: 09 Oct 2015 17:47

Instrument :

BNA_M

ClientSampleId :

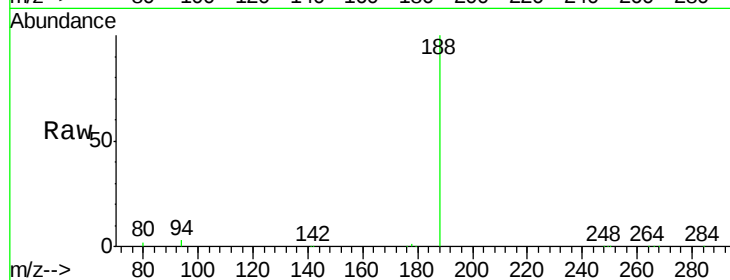
Tot Ion:188 Resp: 306186

Ion Ratio Lower Upper

188 100

94 2.7 15.2 22.8#

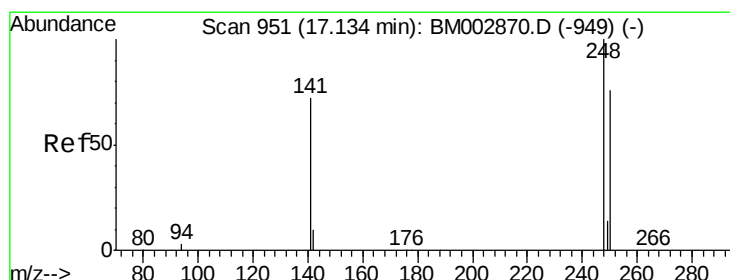
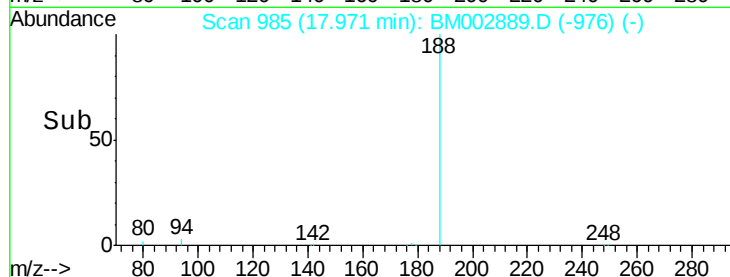
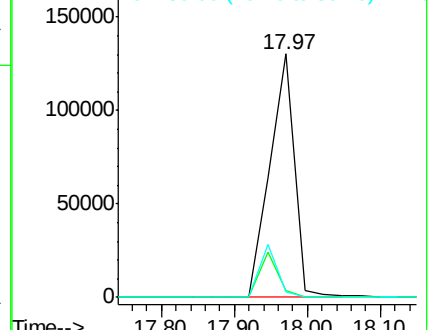
80 2.2 15.9 23.9#



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: 0.94 ng

RT: 17.13 min Scan# 952

Delta R.T. -0.01 min

Lab File: BM002889.D

Acq: 09 Oct 2015 17:47

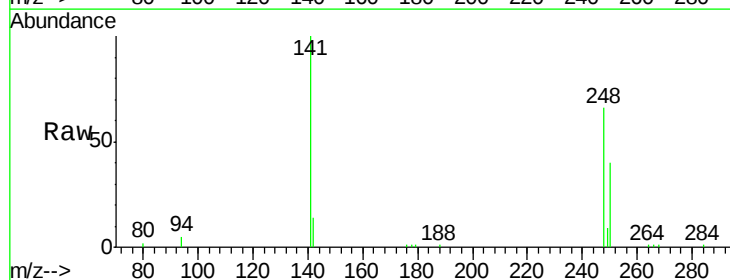
Tgt Ion:248 Resp: 13718

Ion Ratio Lower Upper

248 100

250 0.0 71.4 107.2#

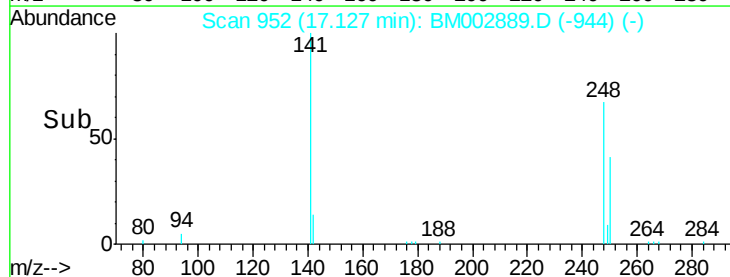
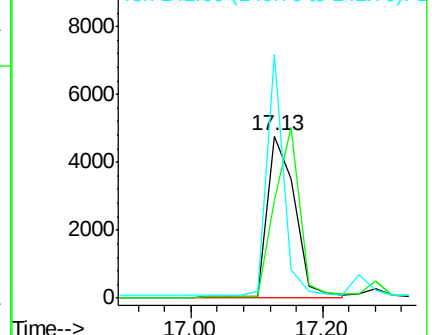
141 91.6 54.6 82.0#

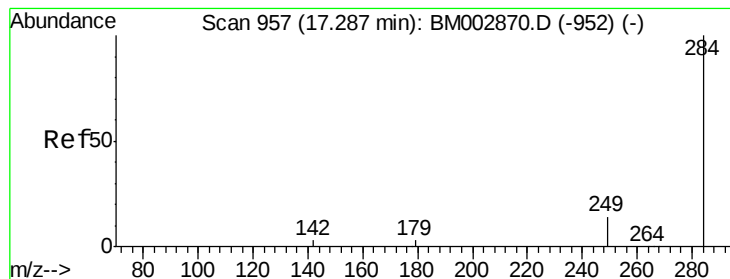


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

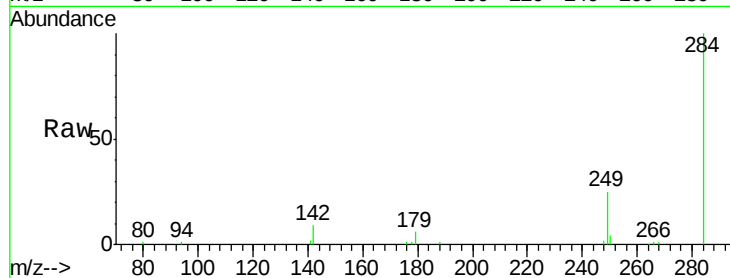




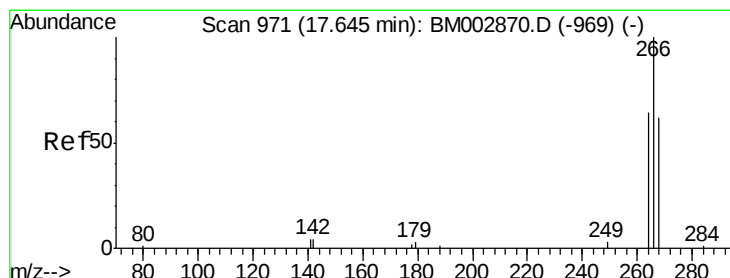
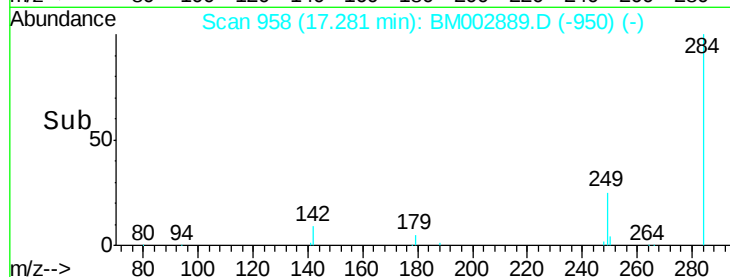
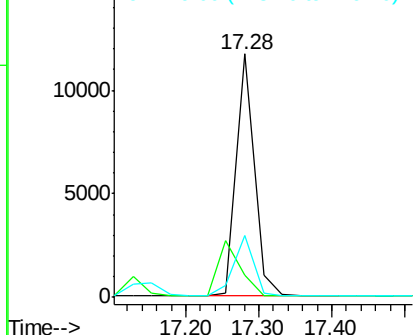
#21
Hexachlorobenzene
Concen: 1.12 ng
RT: 17.28 min Scan# 958
Delta R.T. -0.01 min
Lab File: BM002889.D
Acq: 09 Oct 2015 17:47

Instrument :
BNA_M
ClientSampleId :

Tot Ion:284 Resp: 19992
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 26.6 20.7 31.1

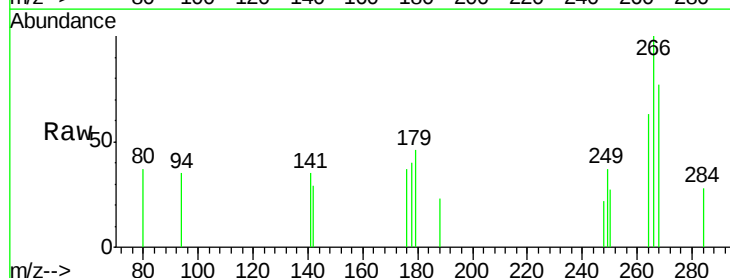


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

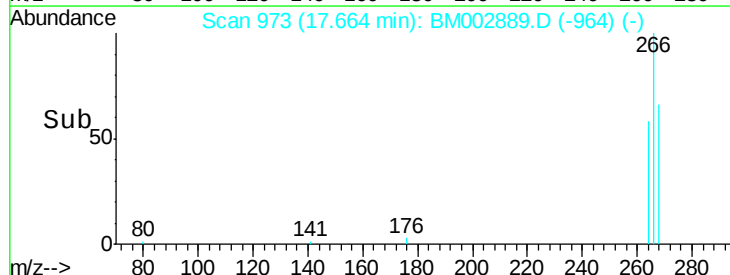
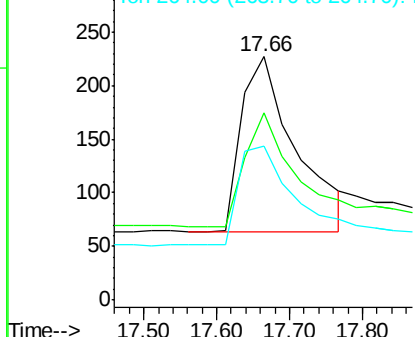


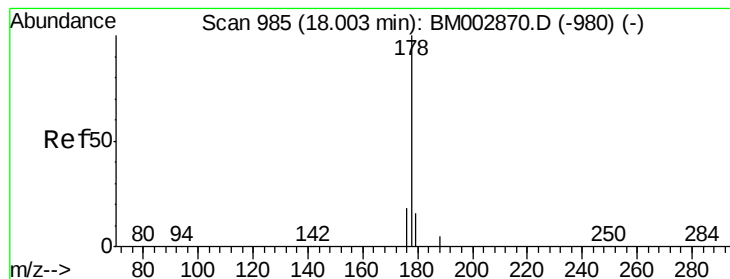
#22
Pentachlorophenol
Concen: 0.69 ng
RT: 17.66 min Scan# 973
Delta R.T. 0.02 min
Lab File: BM002889.D
Acq: 09 Oct 2015 17:47

Tgt Ion:266 Resp: 856
Ion Ratio Lower Upper
266 100
268 77.1 58.3 87.5
264 63.4 54.2 81.2



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





#23

Phenanthrene

Concen: 1.00 ng

RT: 18.00 min Scan# 986

Delta R.T. -0.01 min

Lab File: BM002889.D

Acq: 09 Oct 2015 17:47

Instrument :

BNA_M

ClientSampleId :

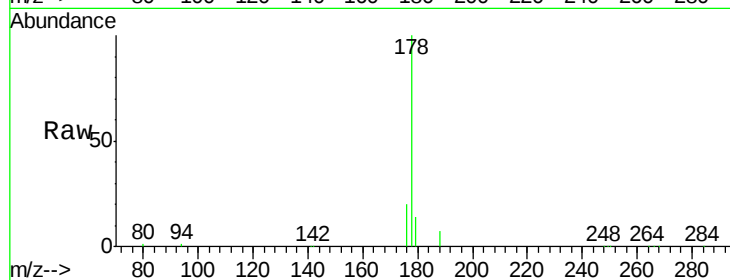
Tot Ion:178 Resp: 89462

Ion Ratio Lower Upper

178 100

176 19.1 14.6 21.8

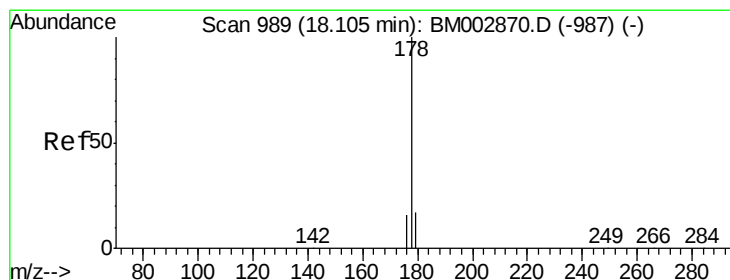
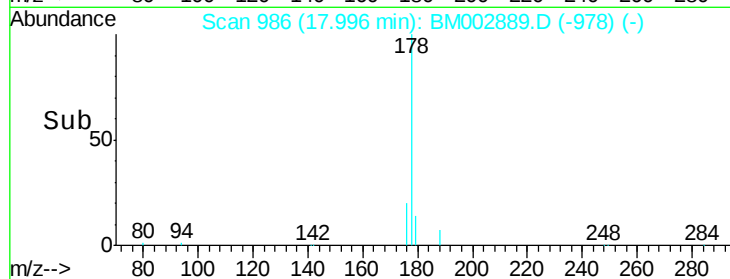
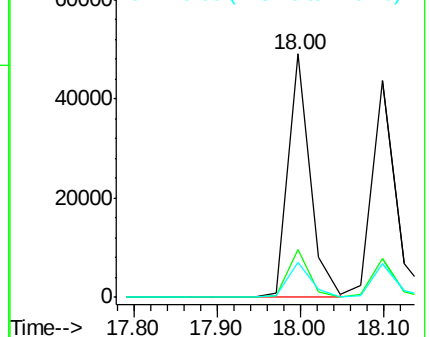
179 15.0 12.5 18.7



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: 1.09 ng

RT: 18.10 min Scan# 990

Delta R.T. -0.01 min

Lab File: BM002889.D

Acq: 09 Oct 2015 17:47

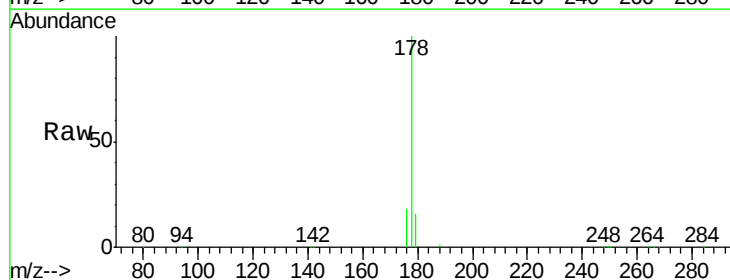
Tgt Ion:178 Resp: 82264

Ion Ratio Lower Upper

178 100

176 17.6 13.9 20.9

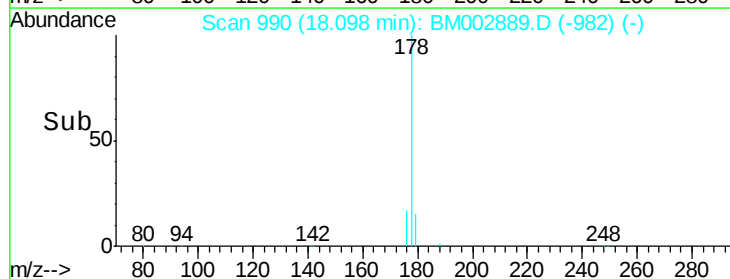
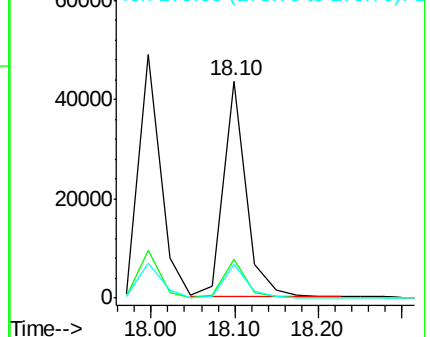
179 15.5 12.6 18.8

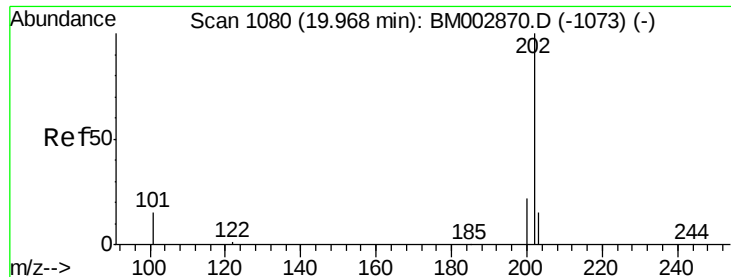


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

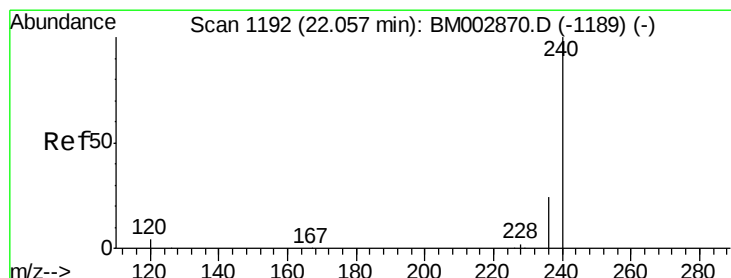
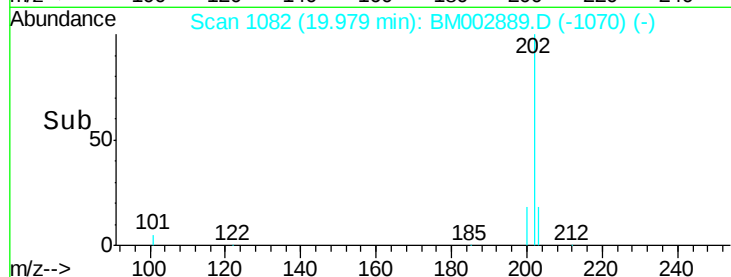
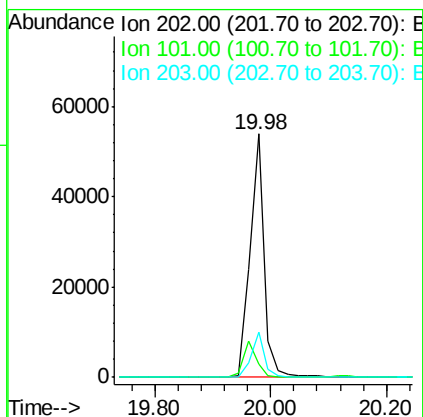
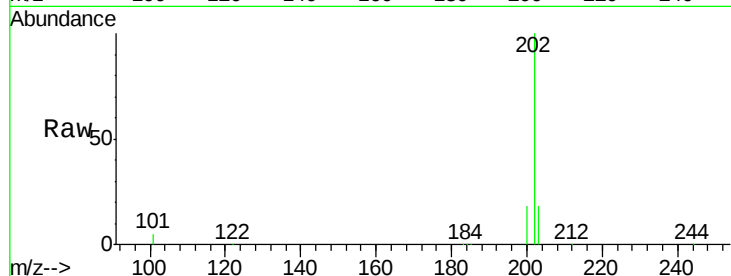




#25
 Fluoranthene
 Concen: 0.93 ng
 RT: 19.98 min Scan# 1082
 Delta R.T. 0.01 min
 Lab File: BM002889.D
 Acq: 09 Oct 2015 17:47

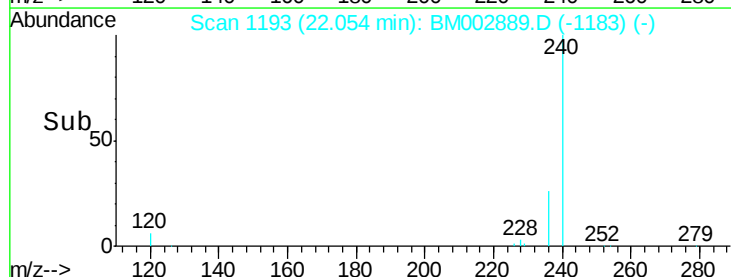
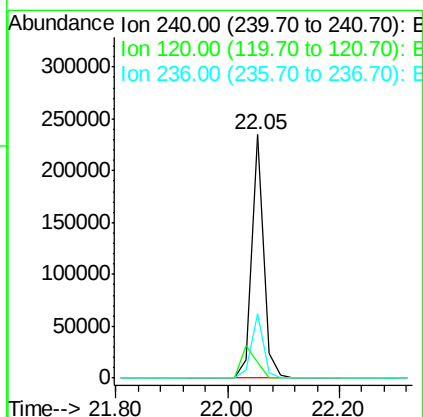
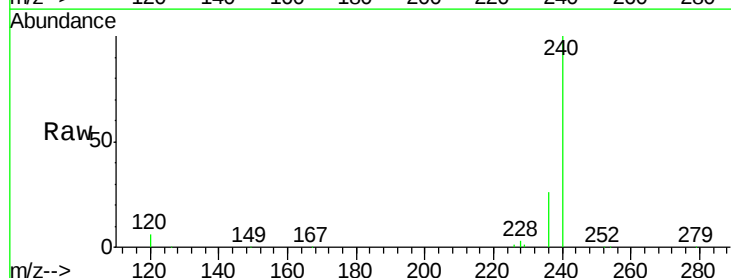
Instrument :
 BNA_M
 ClientSampleId :

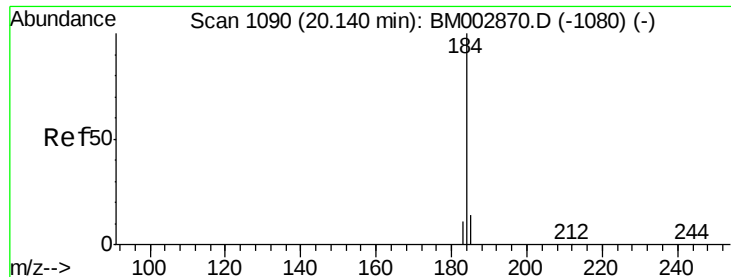
Tot Ion:202 Resp: 91836
 Ion Ratio Lower Upper
 202 100
 101 13.8 11.0 16.6
 203 17.4 13.8 20.6



#26
 Chrysene-d12
 Concen: 5.00 ng
 RT: 22.05 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BM002889.D
 Acq: 09 Oct 2015 17:47

Tgt Ion:240 Resp: 346562
 Ion Ratio Lower Upper
 240 100
 120 6.4 3.3 4.9#
 236 26.4 19.5 29.3





#27

Benzidine

Concen: 0.76 ng

RT: 20.13 min Scan# 1091

Delta R.T. -0.01 min

Lab File: BM002889.D

Acq: 09 Oct 2015 17:47

Instrument :

BNA_M

ClientSampleId :

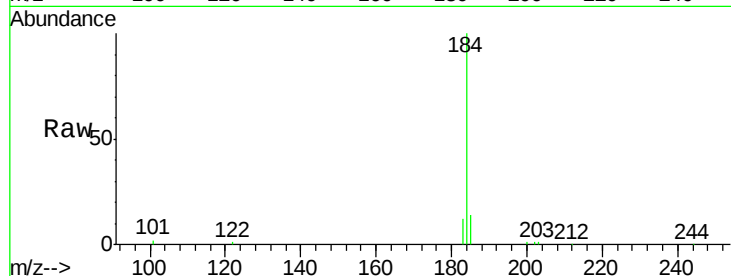
Tot Ion:184 Resp: 33356

Ion Ratio Lower Upper

184 100

185 14.1 12.0 18.0

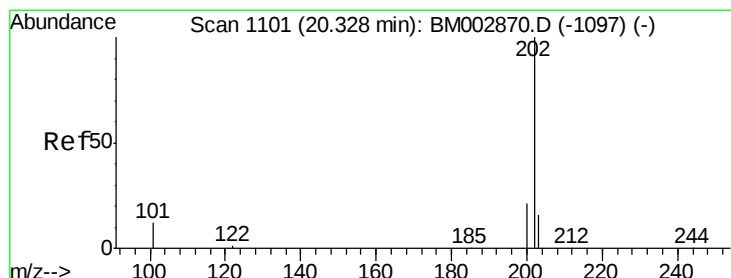
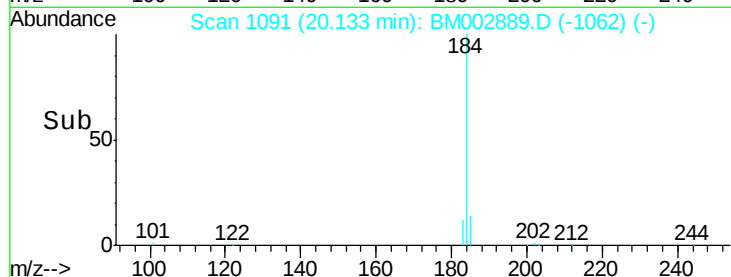
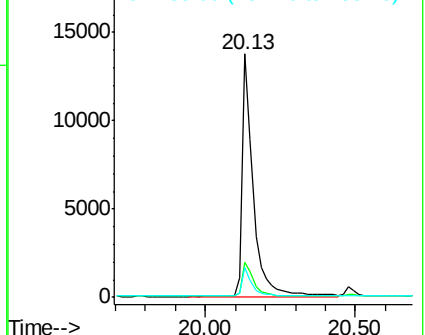
183 12.5 8.9 13.3



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: 1.03 ng

RT: 20.34 min Scan# 1103

Delta R.T. 0.01 min

Lab File: BM002889.D

Acq: 09 Oct 2015 17:47

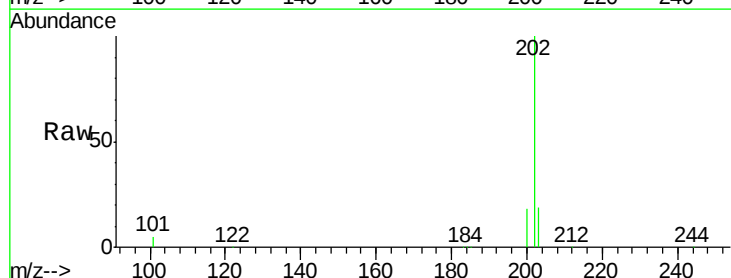
Tgt Ion:202 Resp: 96531

Ion Ratio Lower Upper

202 100

200 20.3 16.2 24.4

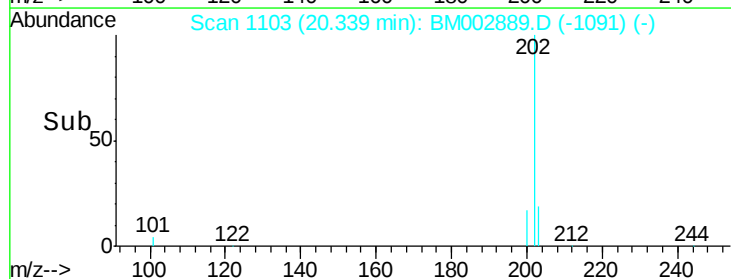
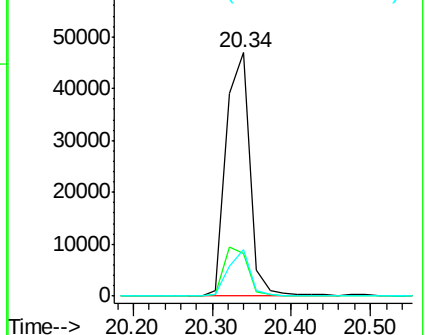
203 17.4 13.8 20.8

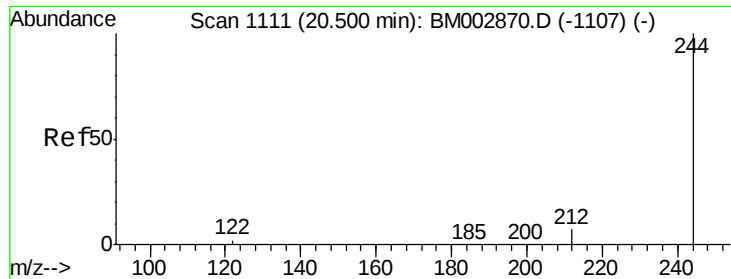


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 1.06 ng

RT: 20.49 min Scan# 1112

Delta R.T. -0.01 min

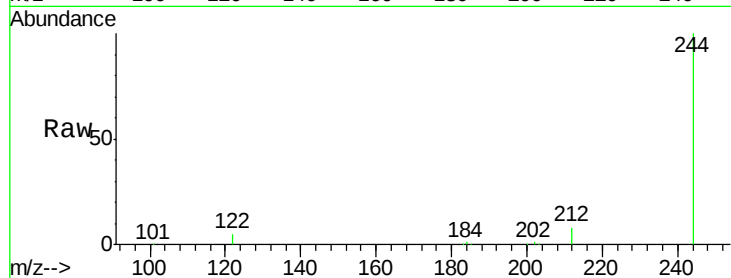
Lab File: BM002889.D

Acq: 09 Oct 2015 17:47

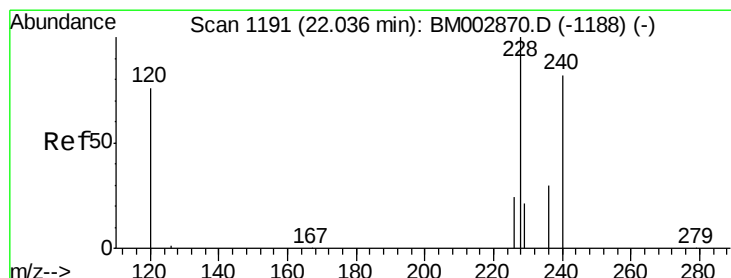
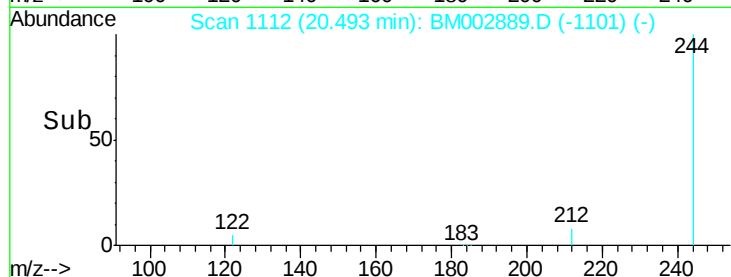
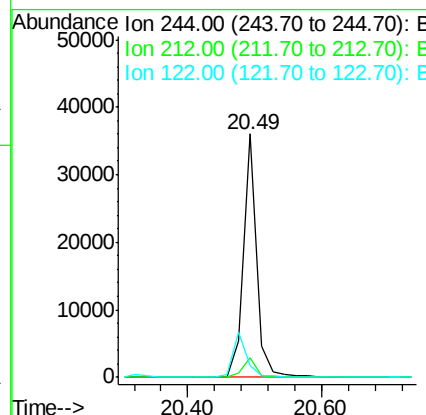
Instrument :

BNA_M

ClientSampled :



Tot Ion:	244	Resp:	48804
Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.6	8.4
122	5.0	2.2	3.2#



#30

Benzo(a)anthracene

Concen: 1.08 ng

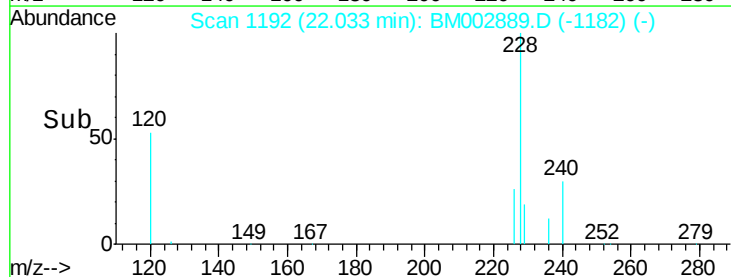
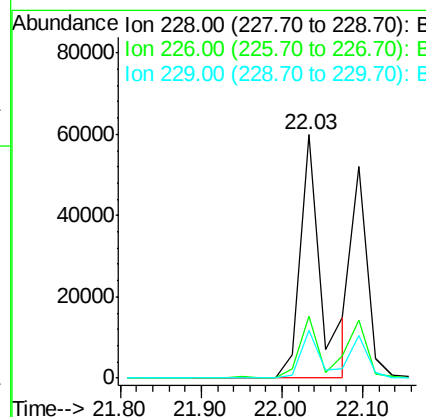
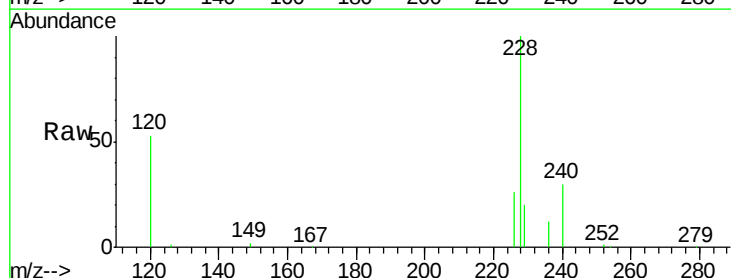
RT: 22.03 min Scan# 1192

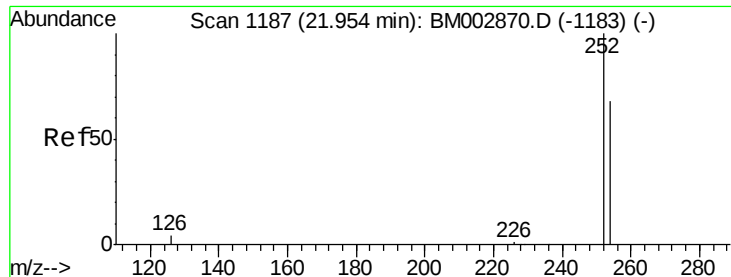
Delta R.T. -0.00 min

Lab File: BM002889.D

Acq: 09 Oct 2015 17:47

Tgt Ion:	228	Resp:	107478
Ion	Ratio	Lower	Upper
228	100		
226	25.6	19.0	28.6
229	19.5	16.8	25.2

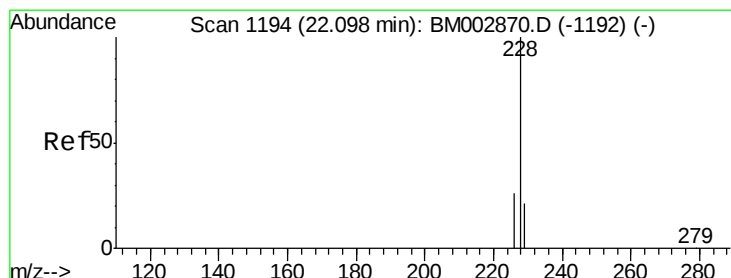
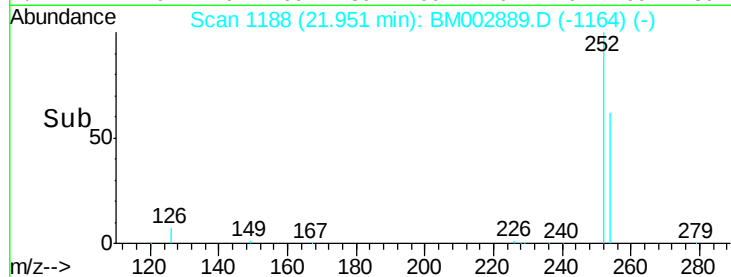
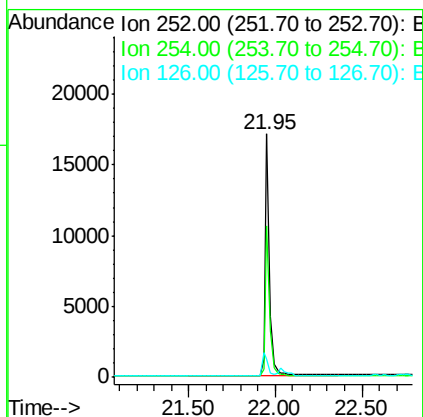
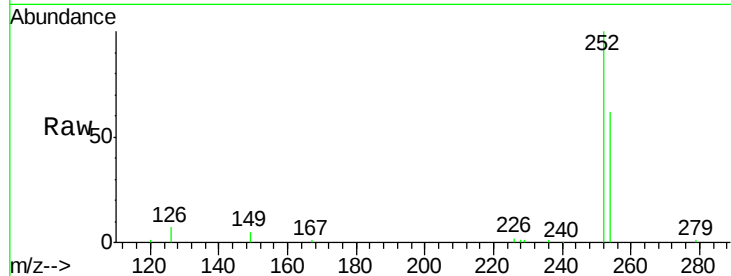




#31
 3,3'-Dichlorobenzidine
 Concen: 0.81 ng
 RT: 21.95 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BM002889.D
 Acq: 09 Oct 2015 17:47

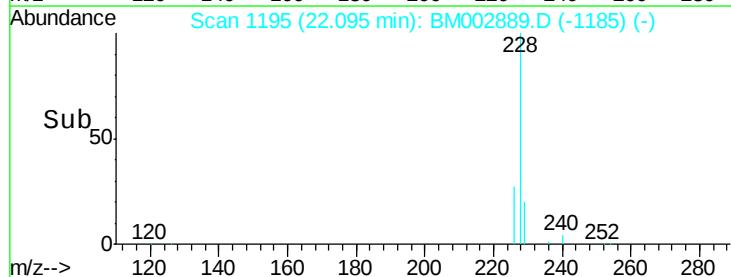
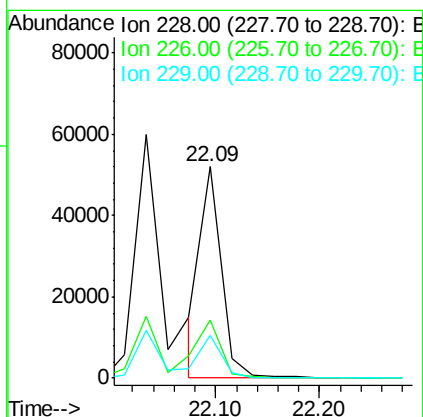
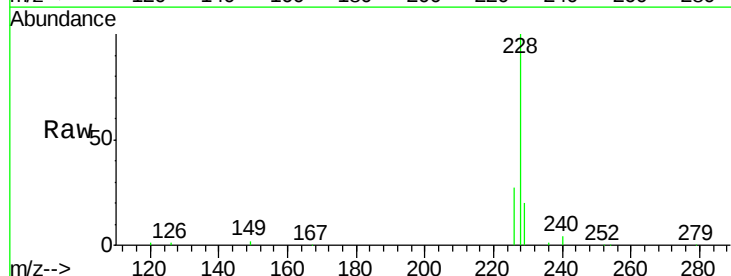
Instrument :
 BNA_M
 ClientSampleId :

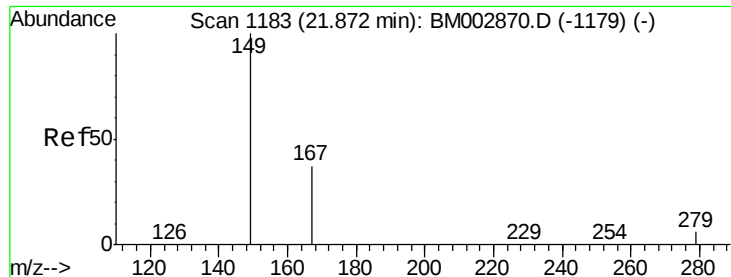
Tot Ion:252 Resp: 31095
 Ion Ratio Lower Upper
 252 100
 254 62.1 54.1 81.1
 126 7.4 4.1 6.1#



#32
 Chrysene
 Concen: 0.76 ng
 RT: 22.09 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BM002889.D
 Acq: 09 Oct 2015 17:47

Tgt Ion:228 Resp: 70801
 Ion Ratio Lower Upper
 228 100
 226 27.5 20.6 30.8
 229 20.3 17.4 26.2

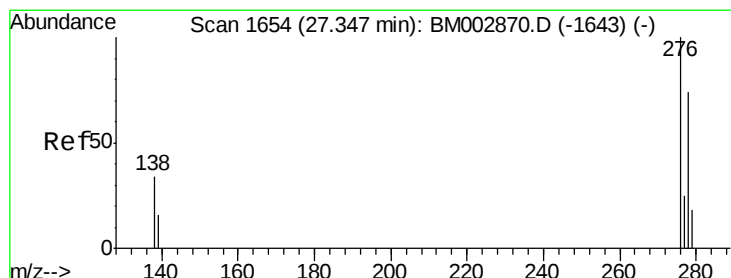
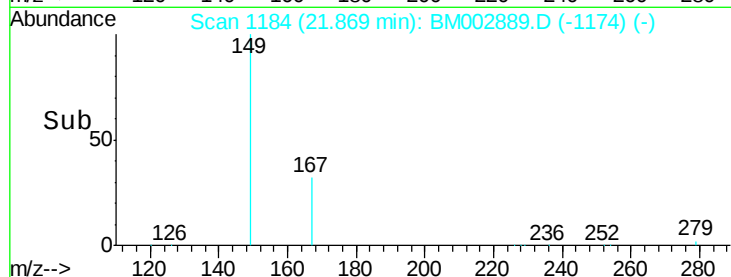
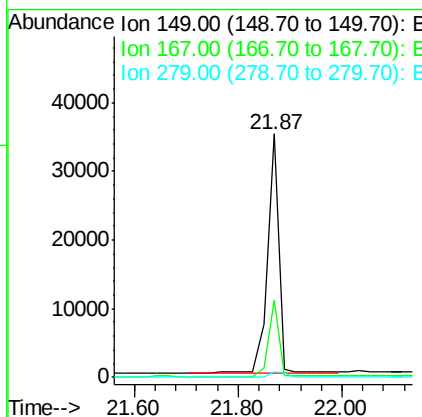
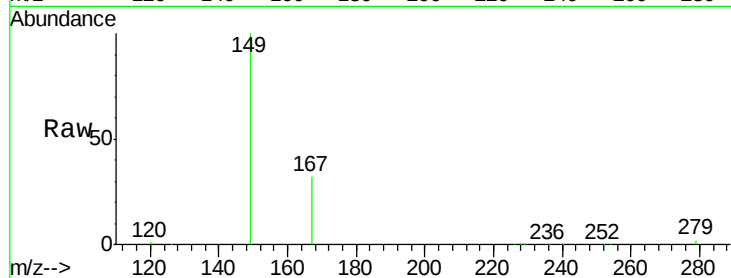




#33
Bis(2-ethylhexyl)phthalate
Concen: 0.87 ng
RT: 21.87 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BM002889.D
Acq: 09 Oct 2015 17:47

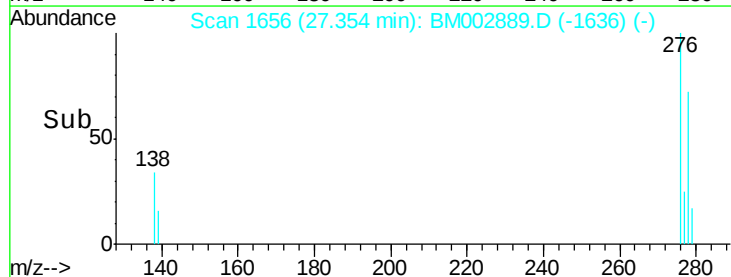
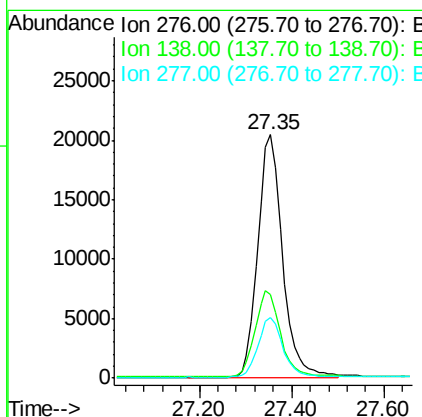
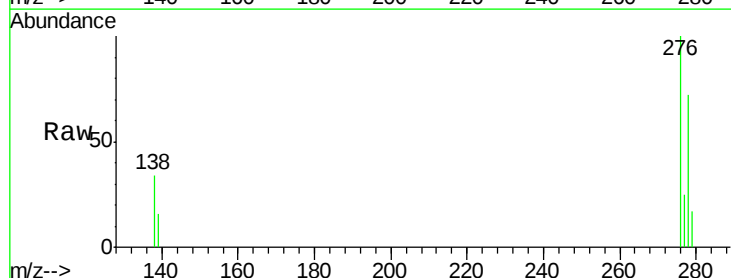
Instrument :
BNA_M
ClientSampleId :

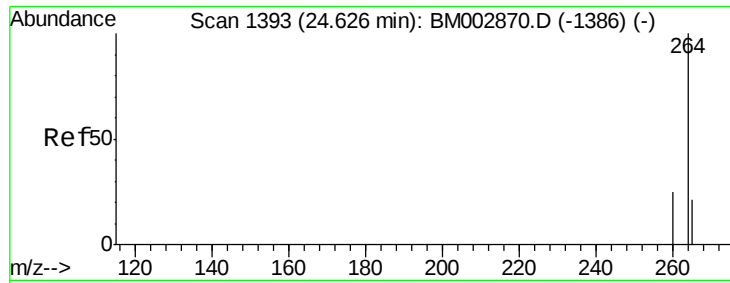
Tot Ion:149 Resp: 52904
Ion Ratio Lower Upper
149 100
167 29.2 17.2 25.8#
279 2.7 2.2 3.4



#34
Indeno(1,2,3-cd)pyrene
Concen: 0.68 ng
RT: 27.35 min Scan# 1656
Delta R.T. 0.01 min
Lab File: BM002889.D
Acq: 09 Oct 2015 17:47

Tgt Ion:276 Resp: 76034
Ion Ratio Lower Upper
276 100
138 36.3 29.0 43.6
277 24.7 19.8 29.8

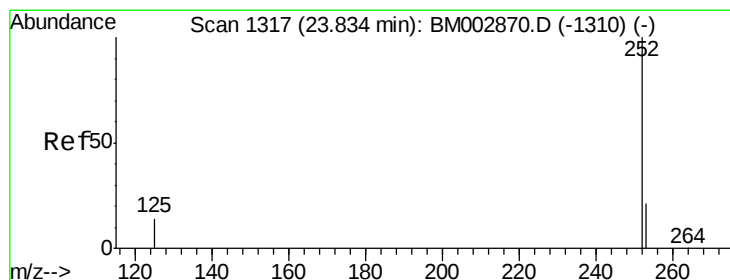
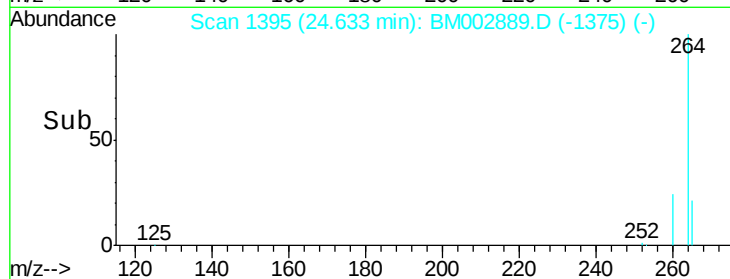
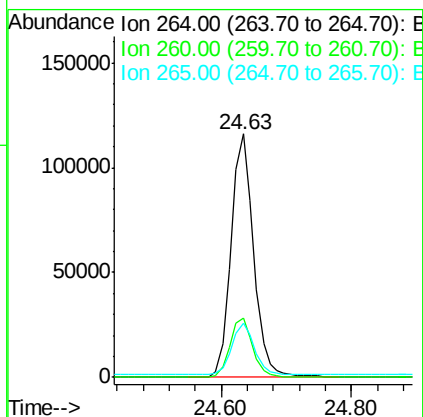
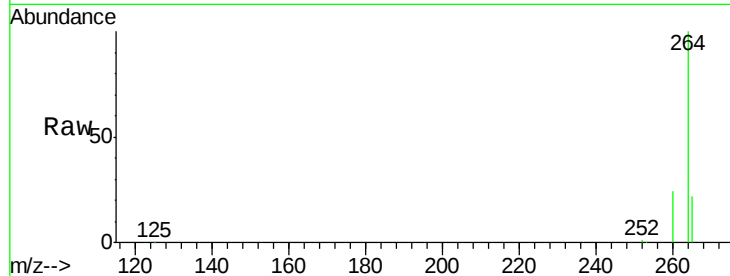




#35
Pervlene-d12
Concen: 5.00 ng
RT: 24.63 min Scan# 1395
Delta R.T. 0.01 min
Lab File: BM002889.D
Acq: 09 Oct 2015 17:47

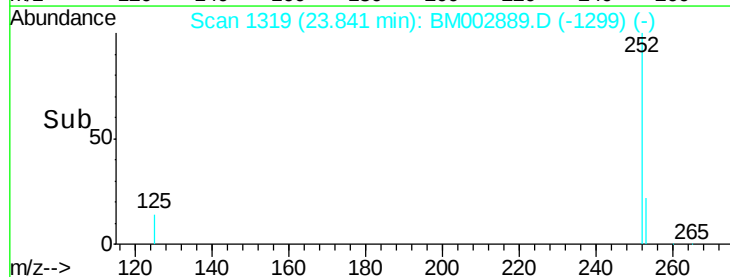
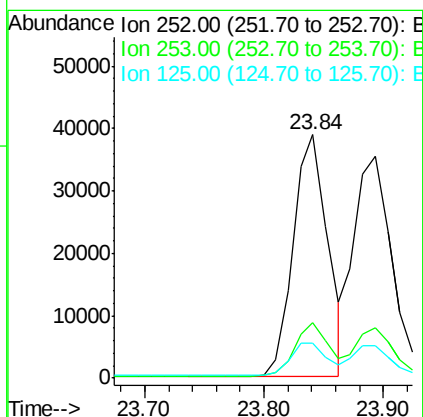
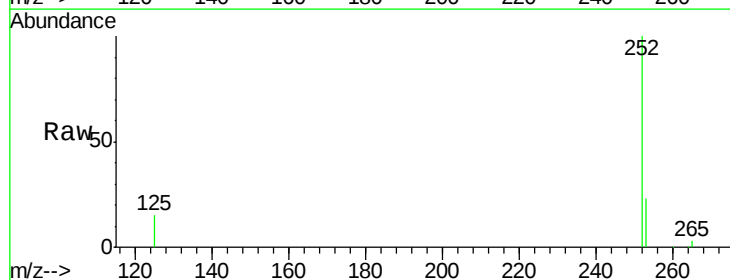
Instrument :
BNA_M
ClientSampleId :

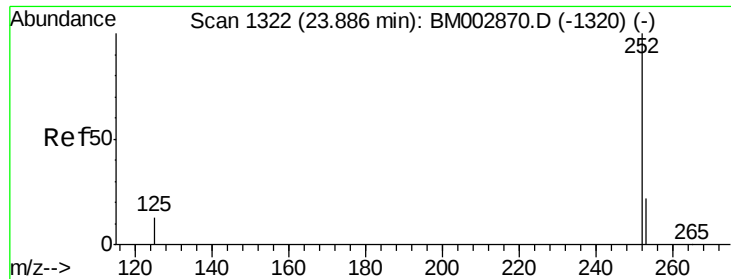
Tot Ion:264 Resp: 277996
Ion Ratio Lower Upper
264 100
260 24.2 20.1 30.1
265 22.3 17.6 26.4



#36
Benzo(b)fluoranthene
Concen: 0.99 ng
RT: 23.84 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BM002889.D
Acq: 09 Oct 2015 17:47

Tgt Ion:252 Resp: 78547
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 14.5 12.4 18.6





#37

Benzo(k)fluoranthene

Concen: 1.03 ng

RT: 23.89 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BM002889.D

Acq: 09 Oct 2015 17:47

Instrument :

BNA_M

ClientSampleId :

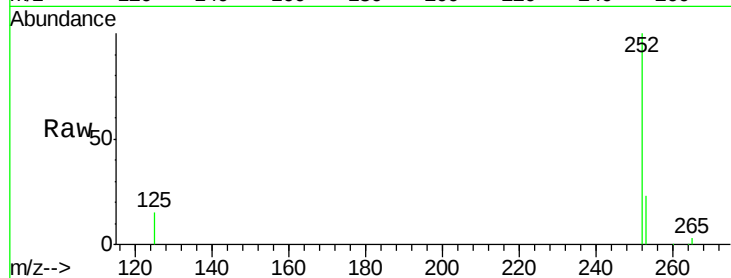
Tot Ion:252 Resp: 79176

Ion Ratio Lower Upper

252 100

253 23.0 17.9 26.9

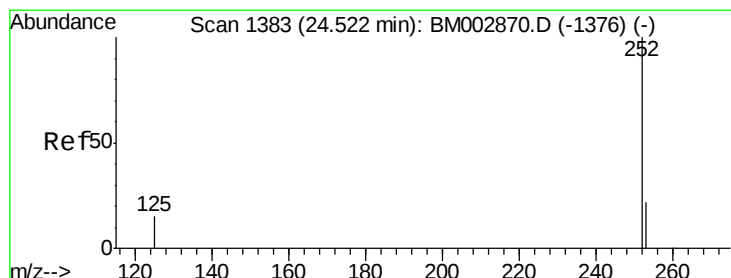
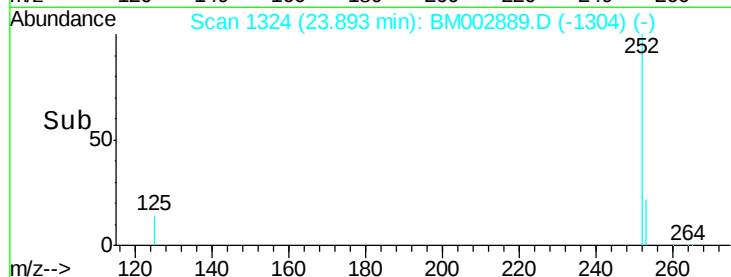
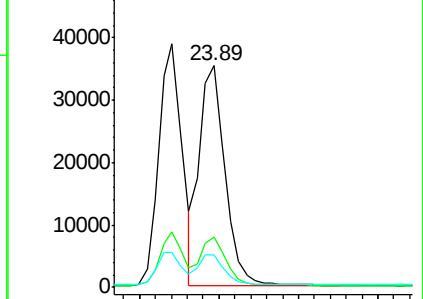
125 14.7 12.3 18.5



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: 0.94 ng

RT: 24.52 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BM002889.D

Acq: 09 Oct 2015 17:47

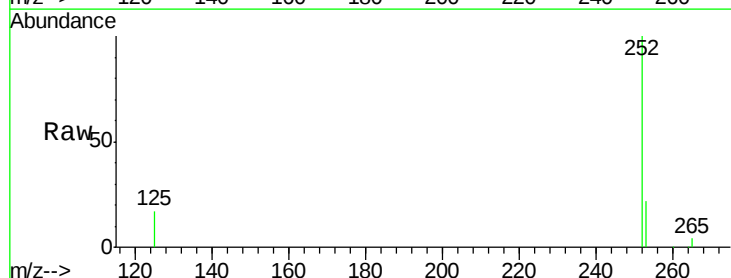
Tgt Ion:252 Resp: 69066

Ion Ratio Lower Upper

252 100

253 22.1 18.4 27.6

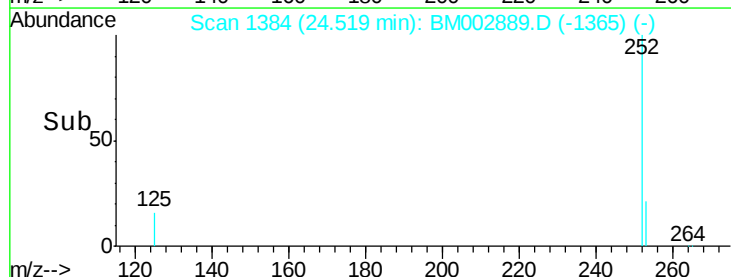
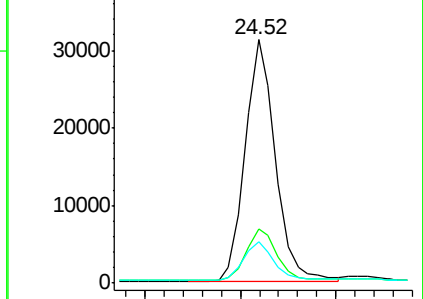
125 16.9 13.3 19.9

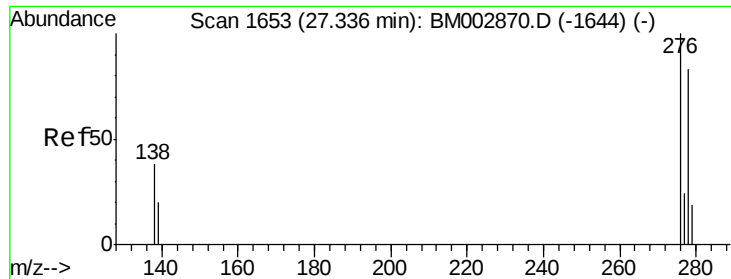


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 0.85 ng

RT: 27.34 min Scan# 1655

Delta R.T. 0.01 min

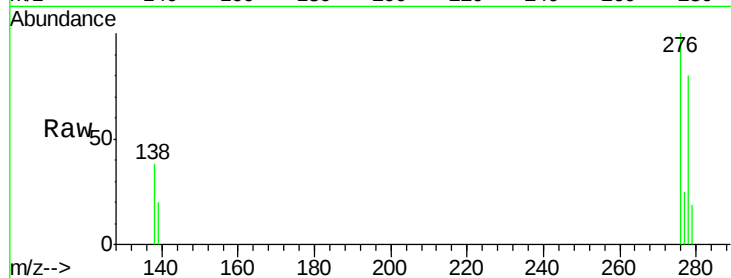
Lab File: BM002889.D

Acq: 09 Oct 2015 17:47

Instrument :

BNA_M

ClientSampleId :



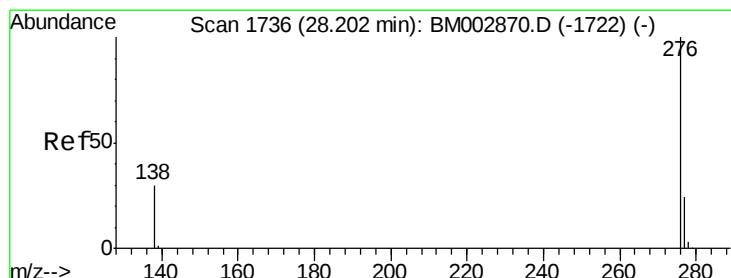
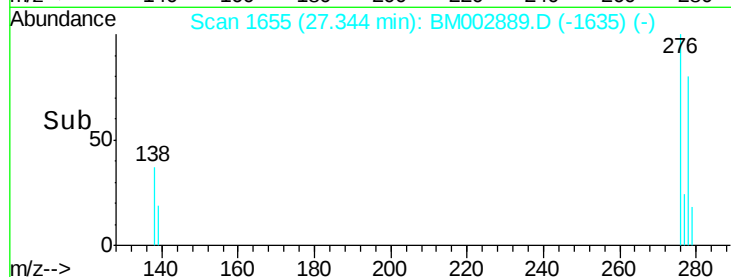
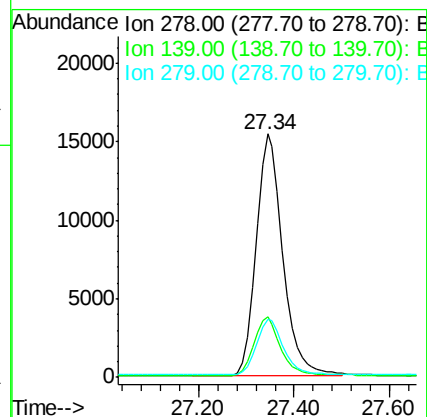
Tot Ion:278 Resp: 60471

Ion Ratio Lower Upper

278 100

139 24.6 19.8 29.6

279 23.9 19.1 28.7



#40

Benzo(g,h,i)perylene

Concen: 0.85 ng

RT: 28.20 min Scan# 1737

Delta R.T. -0.00 min

Lab File: BM002889.D

Acq: 09 Oct 2015 17:47

Tgt Ion:276 Resp: 62477

Ion Ratio Lower Upper

276 100

277 23.9 19.4 29.0

138 31.5 24.4 36.6

