

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061215\
 Data File : BM001664.D
 Acq On : 12 Jun 2015 06:39
 Operator : TP/IZ
 Sample : G2449-03MSD 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 12 16:52:03 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM061215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 16:27:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	23229	5.00	ng	0.00
6) Naphthalene-d8	10.47	136	90221	5.00	ng	0.00
12) Acenaphthene-d10	14.34	164	45504	5.00	ng	0.00
18) Phenanthrene-d10	17.06	188	49654	5.00	ng	0.00
25) Chrysene-d12	21.27	240	73762	5.00	ng	0.00
32) Perylene-d12	23.50	264	58728	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	14638	2.66	ng	0.00
5) Phenol-d6	6.84	99	21144	3.06	ng	0.00
7) Nitrobenzene-d5	8.85	82	13377	1.94	ng	0.00
13) 2,4,6-Tribromophenol	15.83	330	5743	3.47	ng	0.00
14) 2-Fluorobiphenyl	12.96	172	29345	1.85	ng	0.00
27) Terphenyl-d14	19.72	244	21361	1.92	ng	0.00

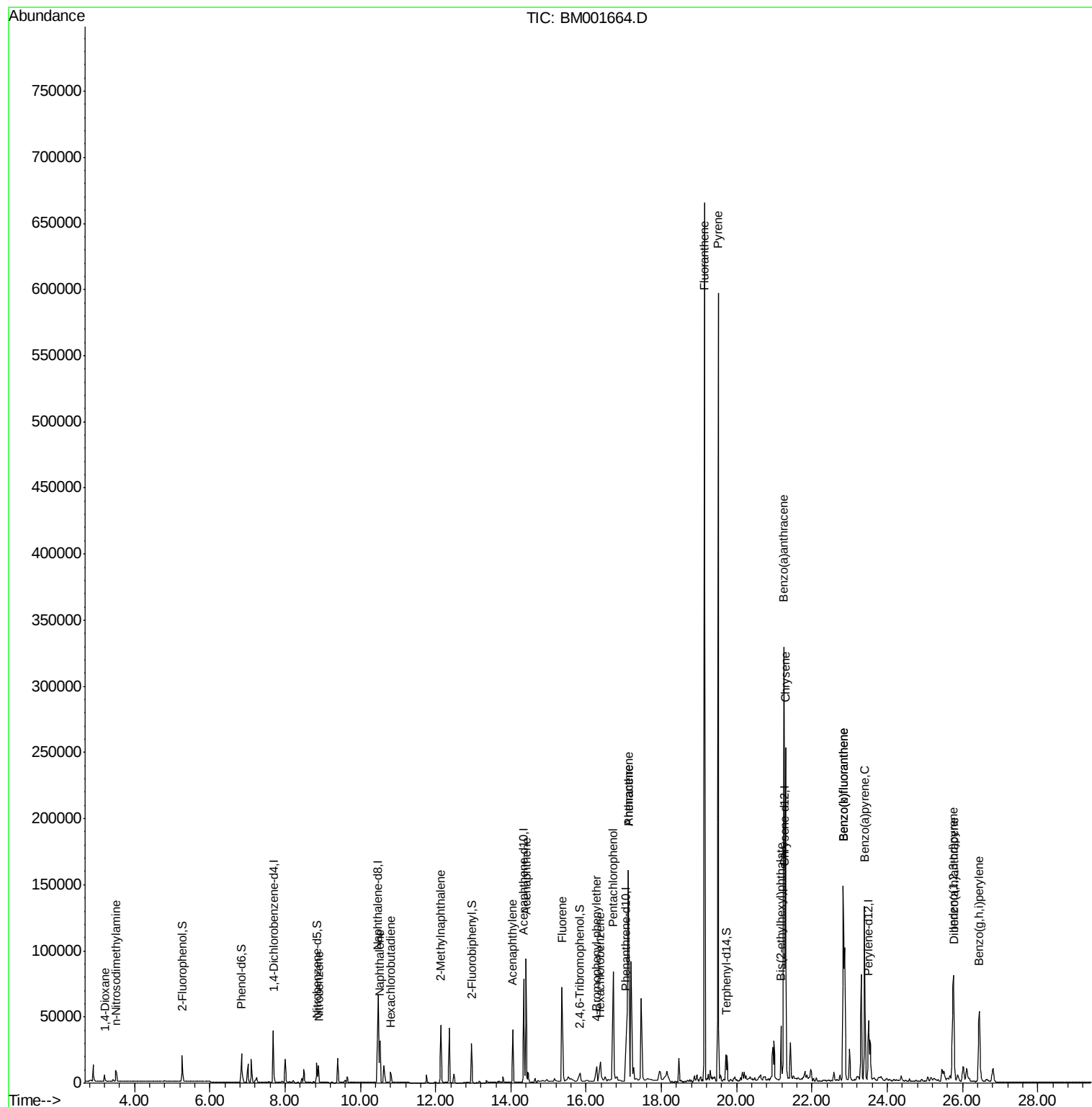
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.21	88	3851	1.56	ng	98
3) n-Nitrosodimethylamine	3.51	42	7027	1.73	ng	# 95
8) Nitrobenzene	8.89	77	14201	1.90	ng	99
9) Naphthalene	10.52	128	53078	2.43	ng	99
10) Hexachlorobutadiene	10.80	225	6507	1.79	ng	99
11) 2-Methylnaphthalene	12.14	142	31670	2.25	ng	# 87
15) Acenaphthylene	14.05	152	51377	2.42	ng	99
16) Acenaphthene	14.40	154	48205	3.56	ng	97
17) Fluorene	15.36	166	59194	4.28	ng	# 99
19) 4-Bromophenyl-phenylether	16.27	248	9277	1.86	ng	# 86
20) Hexachlorobenzene	16.38	284	10239	2.27	ng	90
21) Pentachlorophenol	16.72	266	46034	25.27	ng	95
22) Phenanthrene	17.12	178	306774	18.84	ng	# 99
23) Anthracene	17.12	178	454600	23.62	ng	# 80
24) Fluoranthene	19.14	202	619673	25.69	ng	99
26) Pyrene	19.50	202	572953	22.63	ng	# 94
28) Benzo(a)anthracene	21.25	228	315422	13.61	ng	98
29) Chrysene	21.30	228	213661	9.63	ng	98
30) Bis(2-ethylhexyl)phthalate	21.18	149	39957	2.53	ng	100
31) Indeno(1,2,3-cd)pyrene	25.75	276	114707	6.58	ng	97
33) Benzo(b)fluoranthene	22.83	252	362290	18.91	ng	98
34) Benzo(k)fluoranthene	22.83	252	362290	19.48	ng	97
35) Benzo(a)pyrene	23.40	252	185761	11.64	ng	99
36) Dibenzo(a,h)anthracene	25.76	278	44929	3.35	ng	98
37) Benzo(g,h,i)perylene	26.44	276	107911	7.90	ng	98

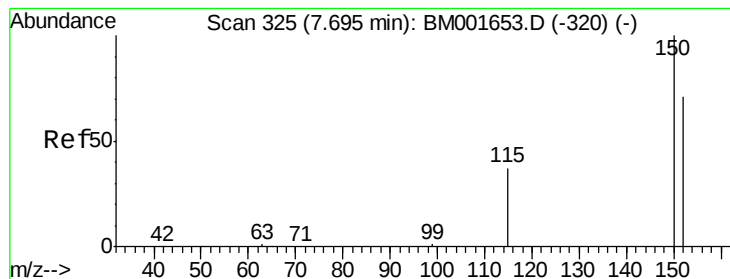
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.70 min Scan# 325

Delta R.T. 0.00 min

Lab File: BM001664.D

Acq: 12 Jun 2015 06:39

Instrument :

BNA_M

ClientSampleId :

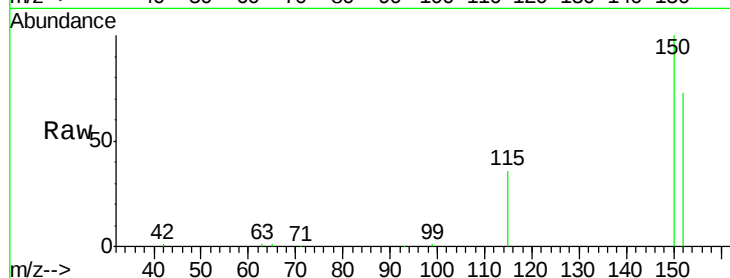
Tgt Ion:152 Resp: 23229

Ion Ratio Lower Upper

152 100

150 136.9 112.2 168.2

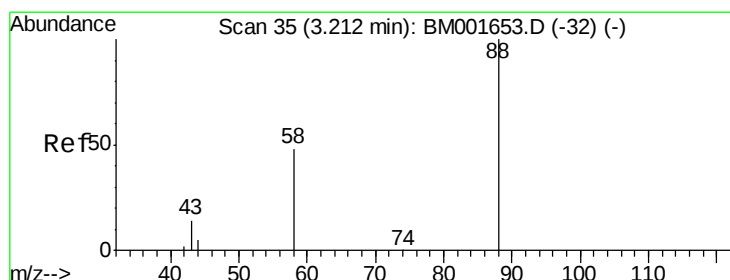
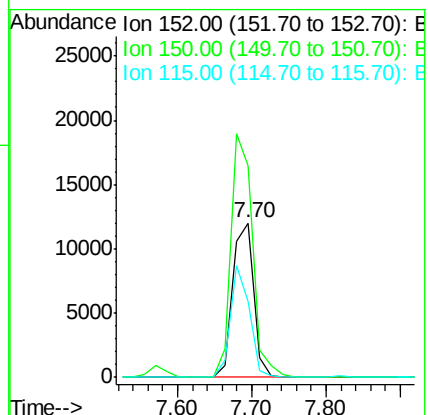
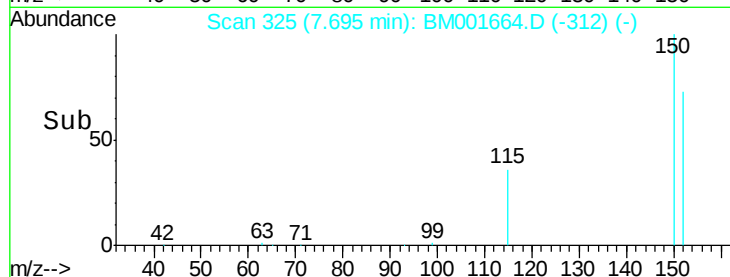
115 49.3 41.7 62.5



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: 1.56 ng

RT: 3.21 min Scan# 35

Delta R.T. 0.00 min

Lab File: BM001664.D

Acq: 12 Jun 2015 06:39

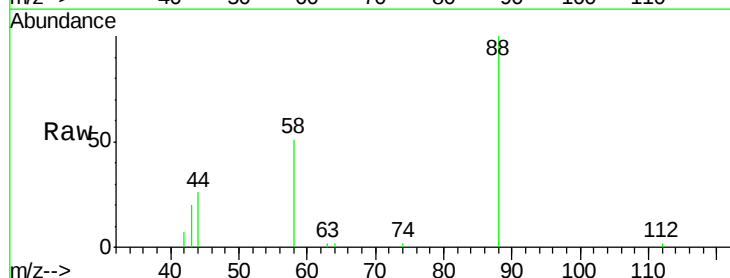
Tgt Ion: 88 Resp: 3851

Ion Ratio Lower Upper

88 100

58 89.6 70.5 105.7

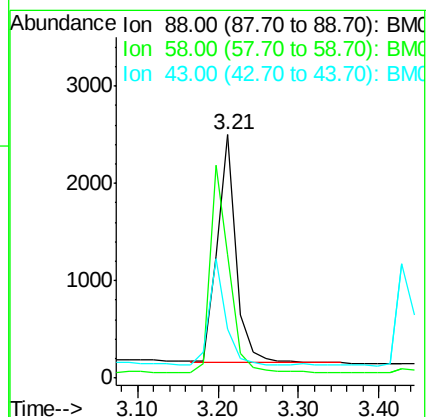
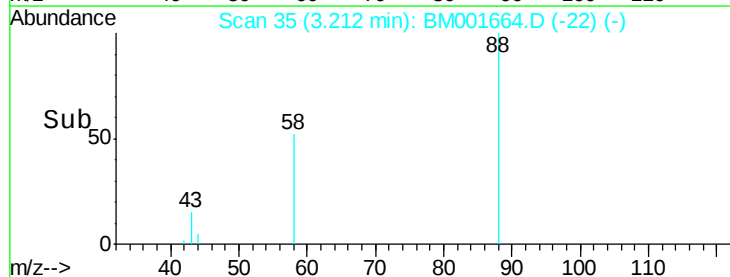
43 40.4 33.3 49.9

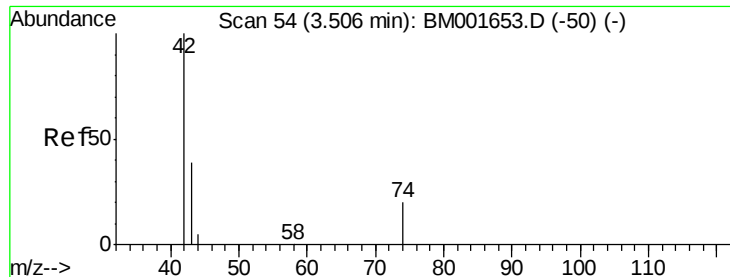


Abundance Ion 88.00 (87.70 to 88.70): BM

Ion 58.00 (57.70 to 58.70): BM

Ion 43.00 (42.70 to 43.70): BM





#3

n-Nitrosodimethylamine

Concen: 1.73 ng

RT: 3.51 min Scan# 54

Delta R.T. 0.00 min

Lab File: BM001664.D

Acq: 12 Jun 2015 06:39

Instrument :

BNA_M

ClientSampleId :

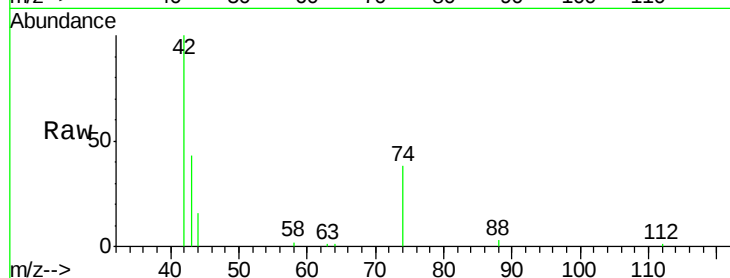
Tgt Ion: 42 Resp: 7027

Ion Ratio Lower Upper

42 100

74 99.1 75.7 113.5

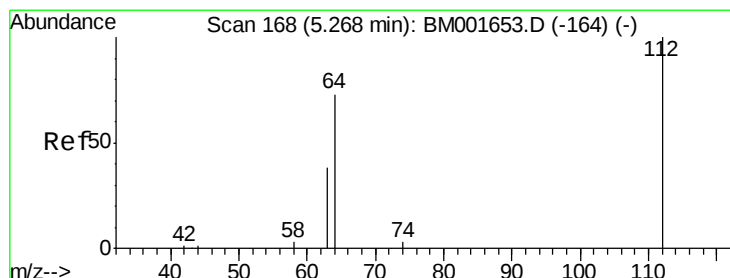
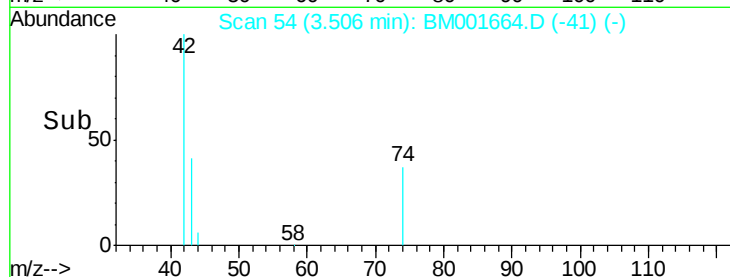
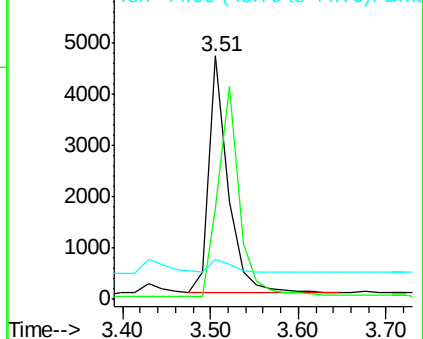
44 6.6 6.7 10.1#



Abundance Ion 42.00 (41.70 to 42.70): BM001653.D (-50) (-)

Ion 74.00 (73.70 to 74.70): BM001653.D (-50) (-)

Ion 44.00 (43.70 to 44.70): BM001653.D (-50) (-)



#4

2-Fluorophenol

Concen: 2.66 ng

RT: 5.27 min Scan# 168

Delta R.T. 0.00 min

Lab File: BM001664.D

Acq: 12 Jun 2015 06:39

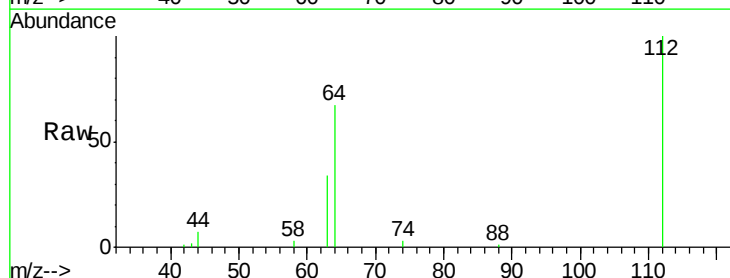
Tgt Ion: 112 Resp: 14638

Ion Ratio Lower Upper

112 100

64 69.3 55.5 83.3

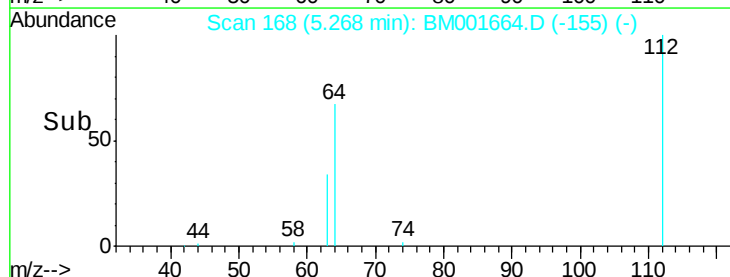
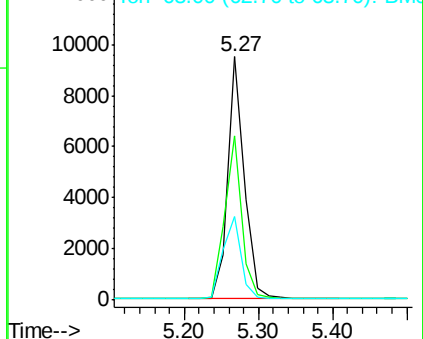
63 37.6 29.9 44.9

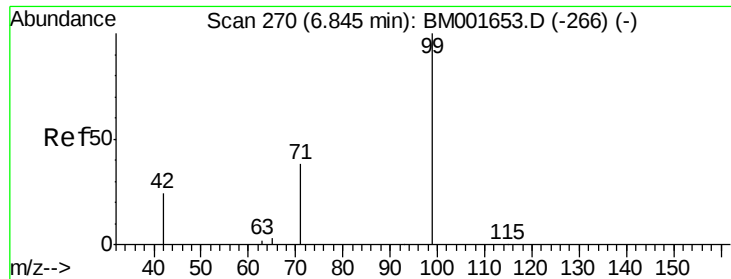


Abundance Ion 112.00 (111.70 to 112.70): BM001653.D (-164) (-)

Ion 64.00 (63.70 to 64.70): BM001653.D (-164) (-)

Ion 63.00 (62.70 to 63.70): BM001653.D (-164) (-)





#5

Phenol-d6

Concen: 3.06 ng

RT: 6.84 min Scan# 270

Delta R.T. 0.00 min

Lab File: BM001664.D

Acq: 12 Jun 2015 06:39

Instrument :

BNA_M

ClientSampleId :

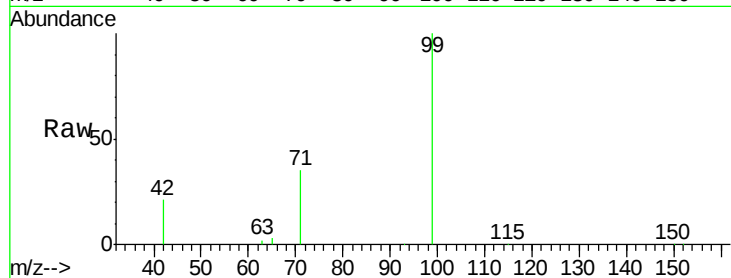
Tgt Ion: 99 Resp: 21144

Ion Ratio Lower Upper

99 100

42 25.8 21.6 32.4

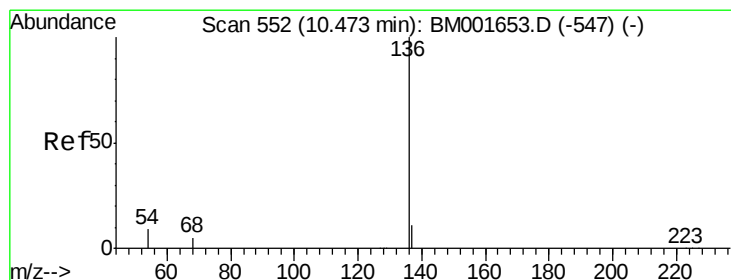
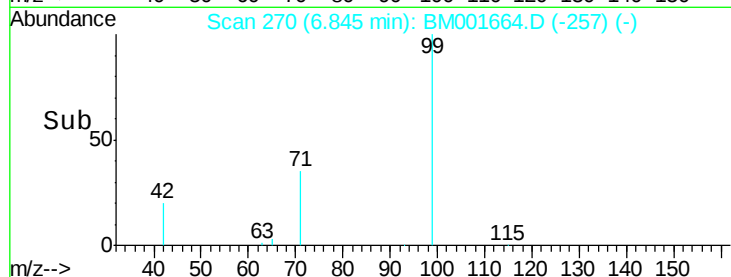
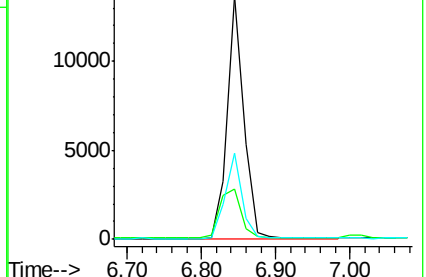
71 35.3 28.7 43.1



Abundance Ion 99.00 (98.70 to 99.70): BM001664.D (-257) (-)

Ion 42.00 (41.70 to 42.70): BM001664.D (-257) (-)

Ion 71.00 (70.70 to 71.70): BM001664.D (-257) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.47 min Scan# 552

Delta R.T. 0.00 min

Lab File: BM001664.D

Acq: 12 Jun 2015 06:39

Tgt Ion: 136 Resp: 90221

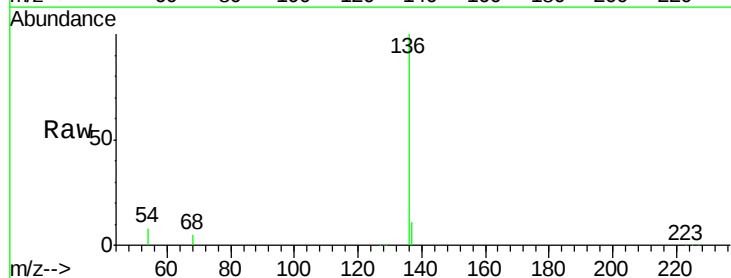
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 7.7 6.9 10.3

68 5.2 4.4 6.6

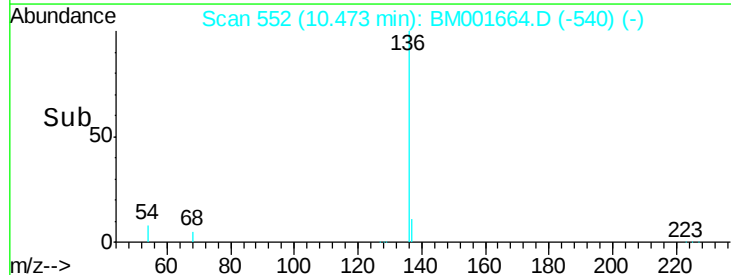
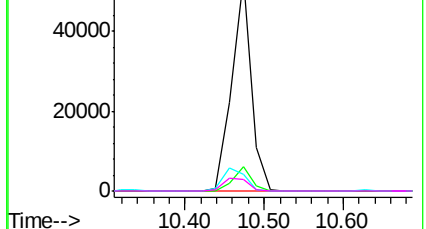


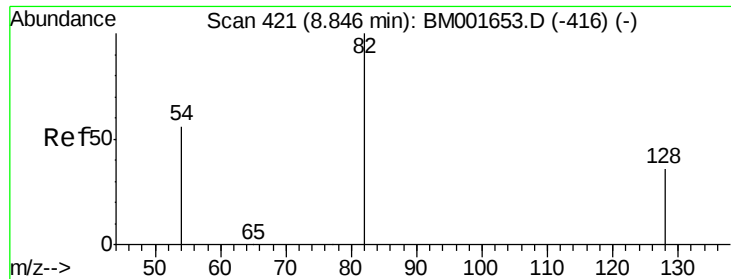
Abundance Ion 136.00 (135.70 to 136.70): BM001664.D (-540) (-)

Ion 137.00 (136.70 to 137.70): BM001664.D (-540) (-)

Ion 54.00 (53.70 to 54.70): BM001664.D (-540) (-)

Ion 68.00 (67.70 to 68.70): BM001664.D (-540) (-)





#7

Nitrobenzene-d5

Concen: 1.94 ng

RT: 8.85 min Scan# 421

Delta R.T. 0.00 min

Lab File: BM001664.D

Acq: 12 Jun 2015 06:39

Instrument :

BNA_M

ClientSampleId :

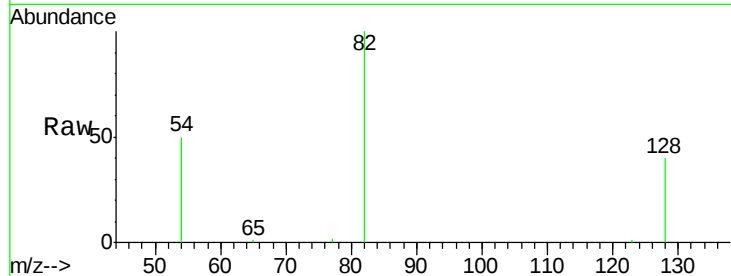
Tgt Ion: 82 Resp: 13377

Ion Ratio Lower Upper

82 100

128 39.5 29.7 44.5

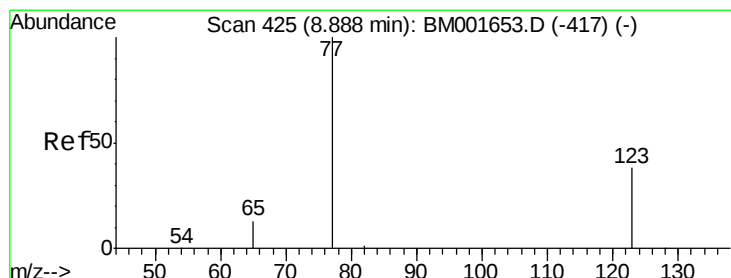
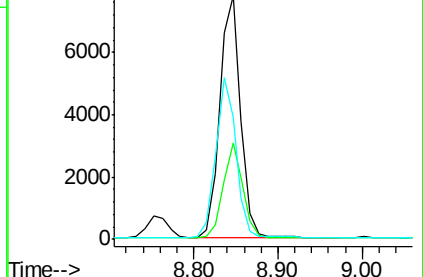
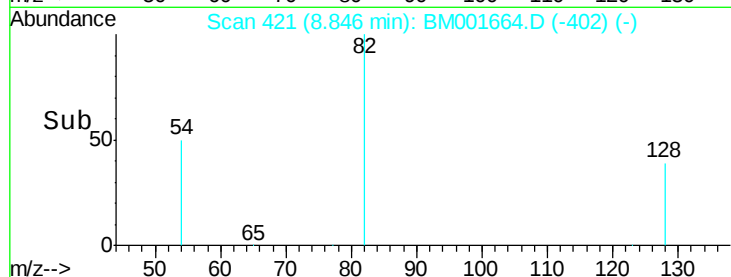
54 50.1 45.1 67.7



Abundance Ion 82.00 (81.70 to 82.70): BM001664.D (-402) (-)

Ion 128.00 (127.70 to 128.70): BM001664.D (-402) (-)

Ion 54.00 (53.70 to 54.70): BM001664.D (-402) (-)



#8

Nitrobenzene

Concen: 1.90 ng

RT: 8.89 min Scan# 425

Delta R.T. 0.00 min

Lab File: BM001664.D

Acq: 12 Jun 2015 06:39

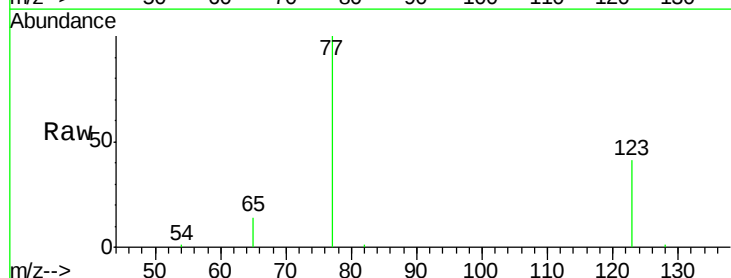
Tgt Ion: 77 Resp: 14201

Ion Ratio Lower Upper

77 100

123 38.5 30.3 45.5

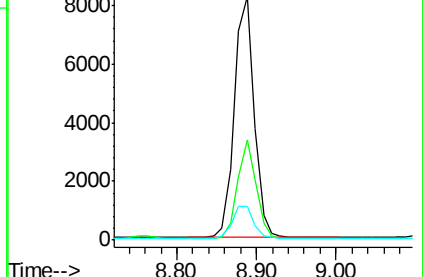
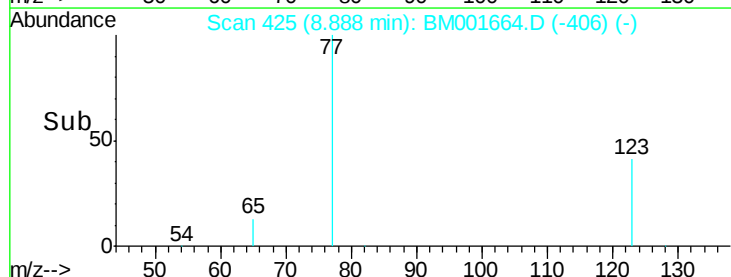
65 14.2 11.2 16.8

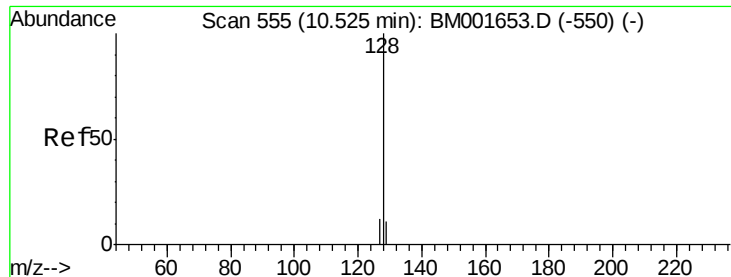


Abundance Ion 77.00 (76.70 to 77.70): BM001664.D (-406) (-)

Ion 123.00 (122.70 to 123.70): BM001664.D (-406) (-)

Ion 65.00 (64.70 to 65.70): BM001664.D (-406) (-)





#9

Naphthalene

Concen: 2.43 ng

RT: 10.52 min Scan# 555

Delta R.T. 0.00 min

Lab File: BM001664.D

Acq: 12 Jun 2015 06:39

Instrument :

BNA_M

ClientSampleId :

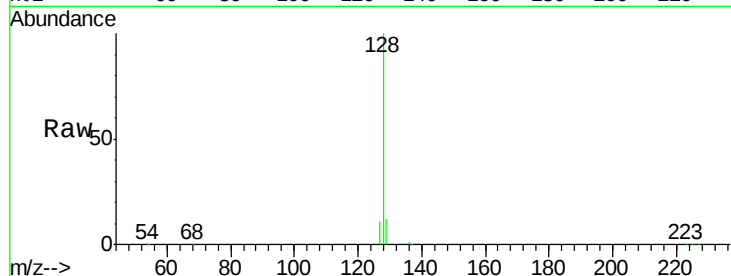
Tgt Ion:128 Resp: 53078

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.2

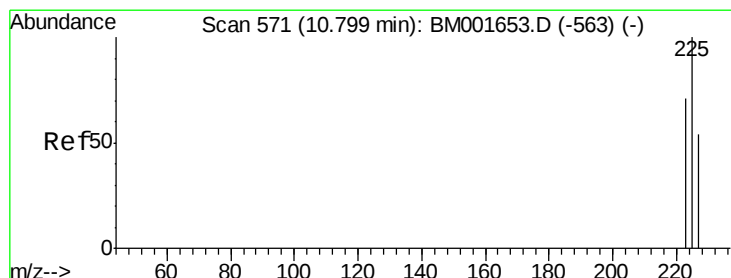
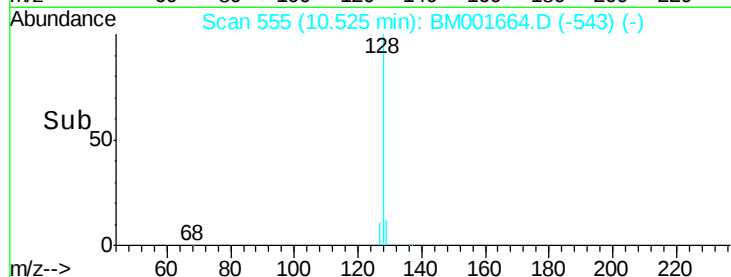
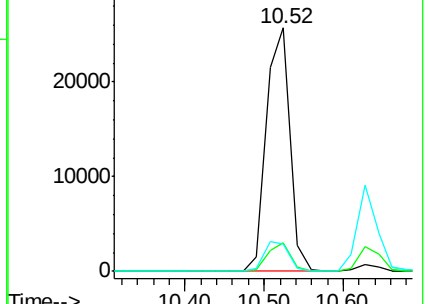
127 11.5 9.7 14.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 1.79 ng

RT: 10.80 min Scan# 571

Delta R.T. 0.00 min

Lab File: BM001664.D

Acq: 12 Jun 2015 06:39

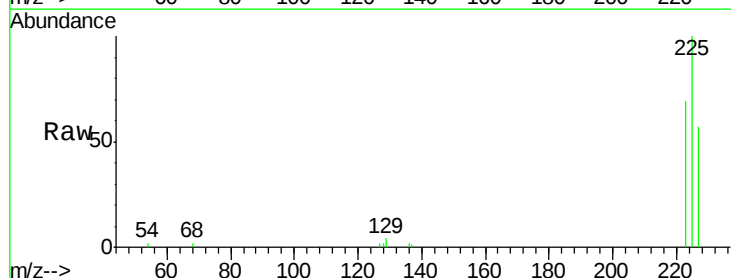
Tgt Ion:225 Resp: 6507

Ion Ratio Lower Upper

225 100

223 63.0 51.0 76.4

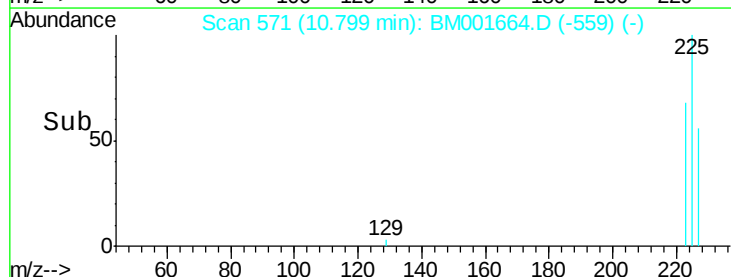
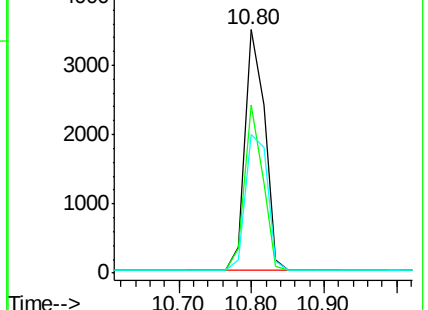
227 63.2 51.2 76.8

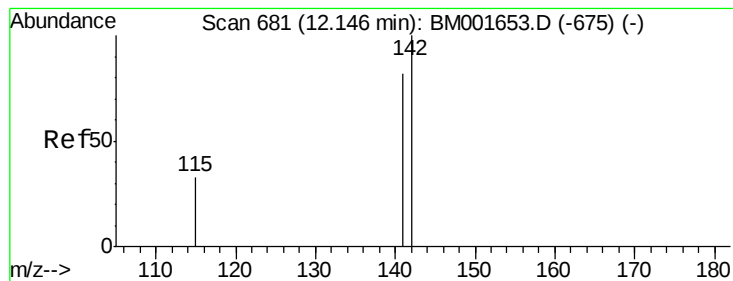


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

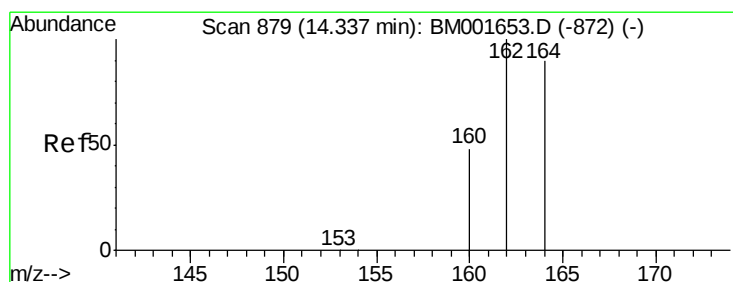
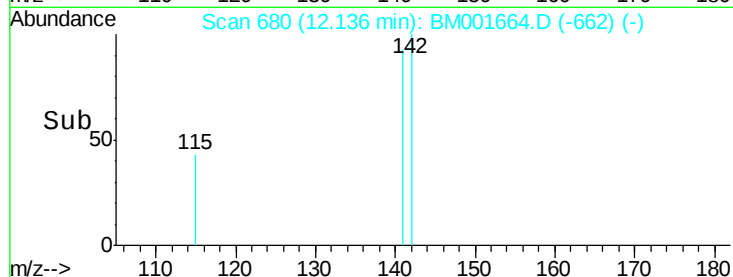
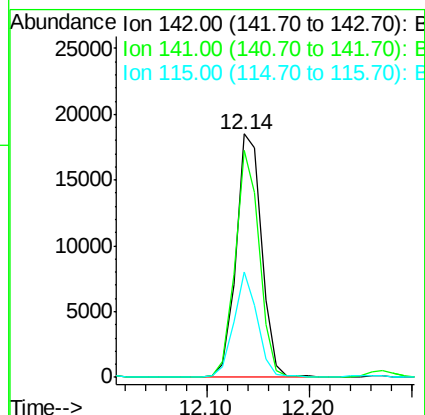
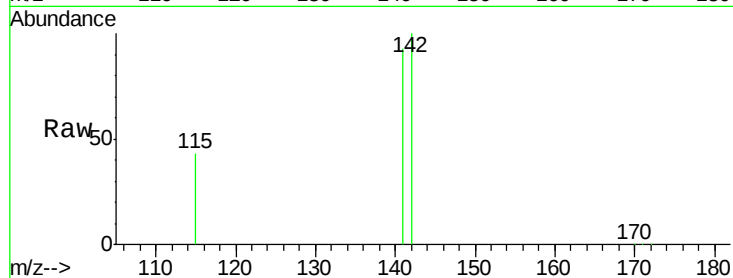




#11
2-Methylnaphthalene
Concen: 2.25 ng
RT: 12.14 min Scan# 680
Delta R.T. -0.01 min
Lab File: BM001664.D
Acq: 12 Jun 2015 06:39

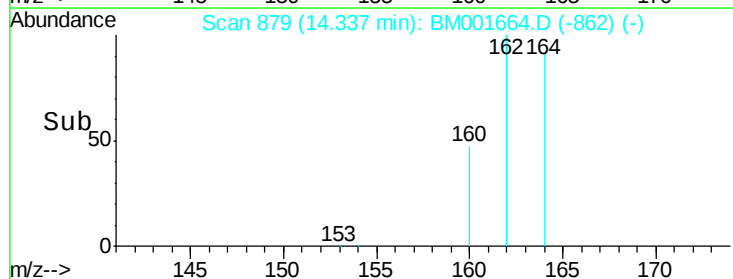
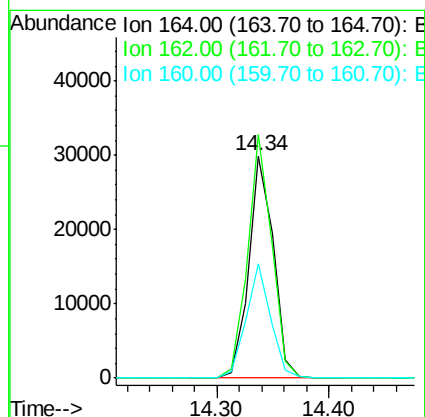
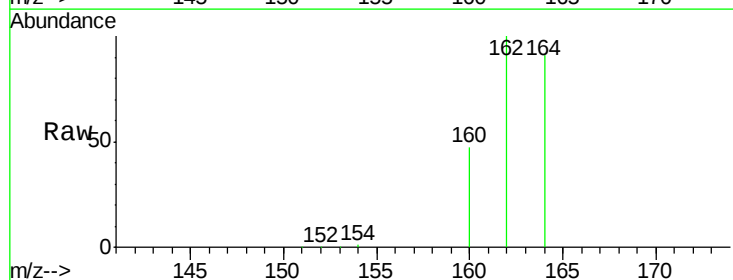
Instrument :
BNA_M
ClientSampled :

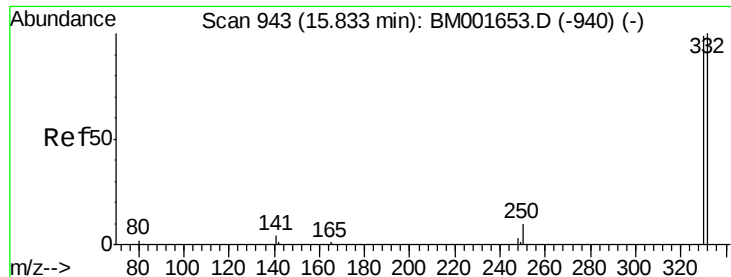
Tgt Ion:142 Resp: 31670
Ion Ratio Lower Upper
142 100
141 93.1 65.8 98.6
115 43.1 27.0 40.6#



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.34 min Scan# 879
Delta R.T. 0.00 min
Lab File: BM001664.D
Acq: 12 Jun 2015 06:39

Tgt Ion:164 Resp: 45504
Ion Ratio Lower Upper
164 100
162 109.5 89.0 133.4
160 51.4 42.6 63.8

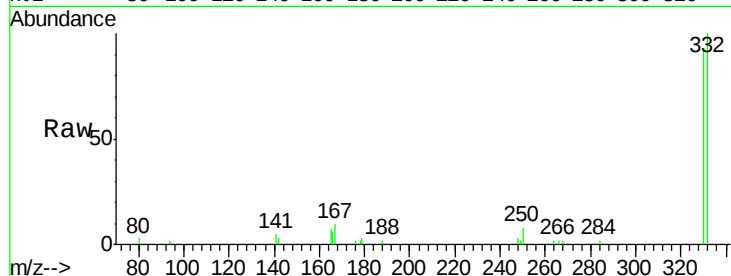




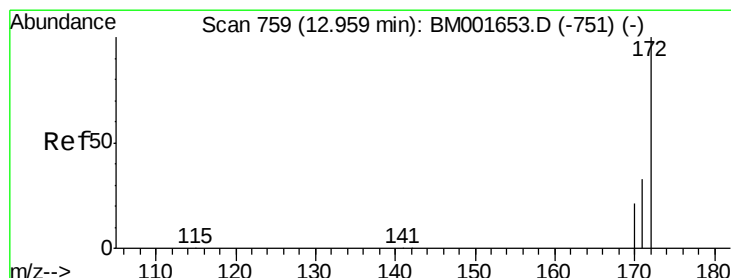
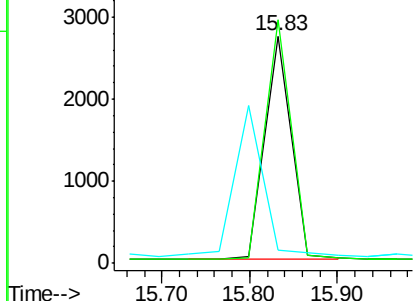
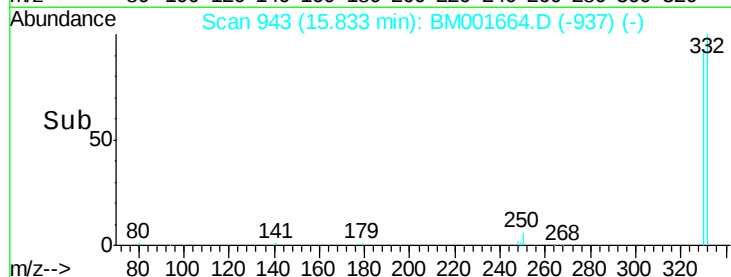
#13
 2,4,6-Tribromophenol
 Concen: 3.47 ng
 RT: 15.83 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BM001664.D
 Acq: 12 Jun 2015 06:39

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:330 Resp: 5743
 Ion Ratio Lower Upper
 330 100
 332 106.6 80.6 120.8
 141 0.0 0.0 0.0

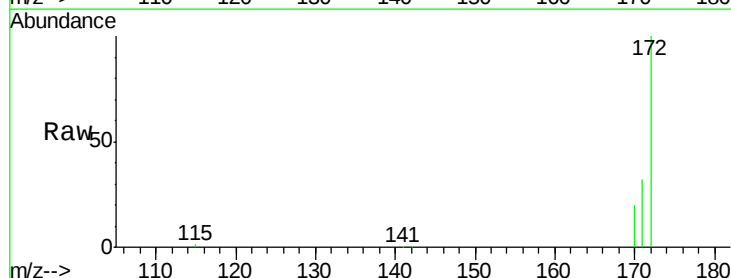


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

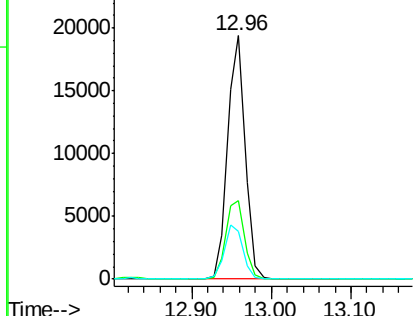
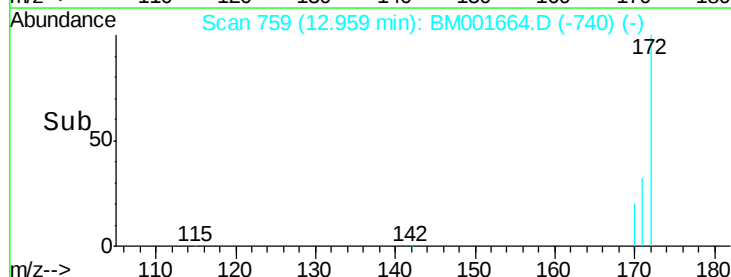


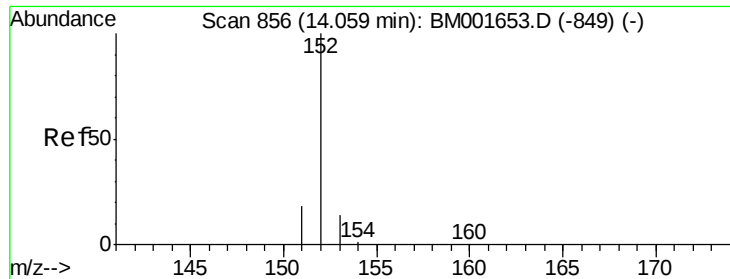
#14
 2-Fluorobiphenyl
 Concen: 1.85 ng
 RT: 12.96 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BM001664.D
 Acq: 12 Jun 2015 06:39

Tgt Ion:172 Resp: 29345
 Ion Ratio Lower Upper
 172 100
 171 32.2 26.6 40.0
 170 19.8 17.1 25.7



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

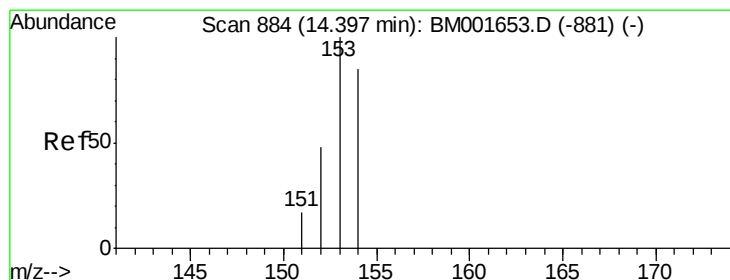
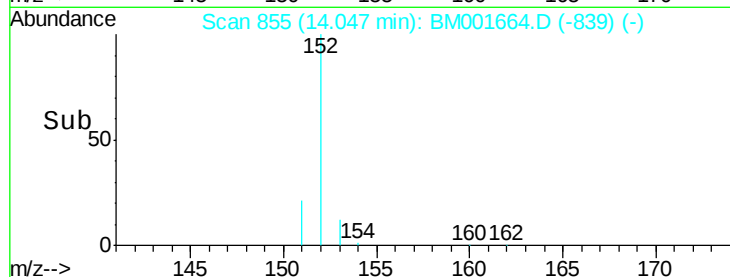
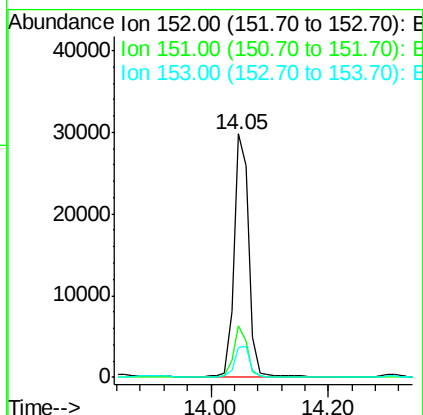
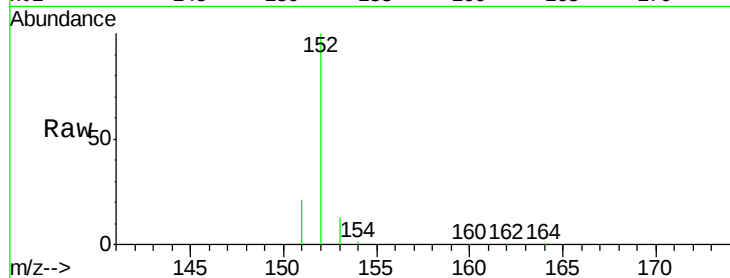




#15
Acenaphthylene
Concen: 2.42 ng
RT: 14.05 min Scan# 855
Delta R.T. -0.01 min
Lab File: BM001664.D
Acq: 12 Jun 2015 06:39

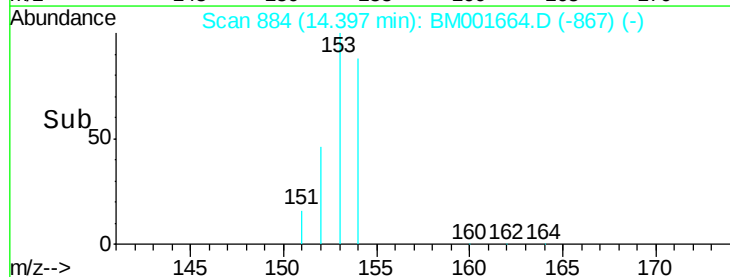
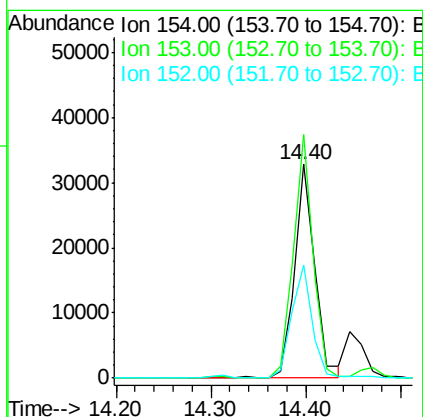
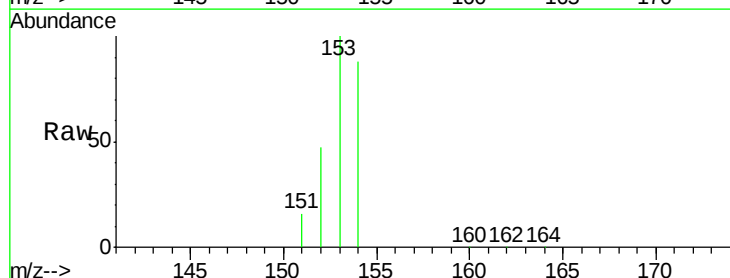
Instrument :
BNA_M
ClientSampleId :

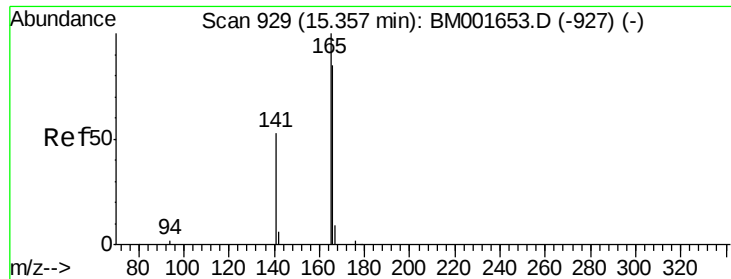
Tgt Ion:152 Resp: 51377
Ion Ratio Lower Upper
152 100
151 19.3 15.5 23.3
153 13.3 10.2 15.4



#16
Acenaphthene
Concen: 3.56 ng
RT: 14.40 min Scan# 884
Delta R.T. 0.00 min
Lab File: BM001664.D
Acq: 12 Jun 2015 06:39

Tgt Ion:154 Resp: 48205
Ion Ratio Lower Upper
154 100
153 109.6 91.0 136.6
152 53.0 43.8 65.8

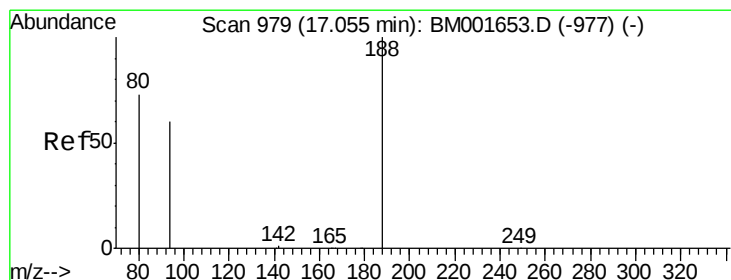
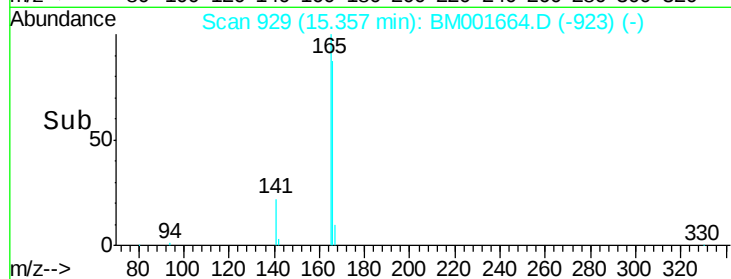
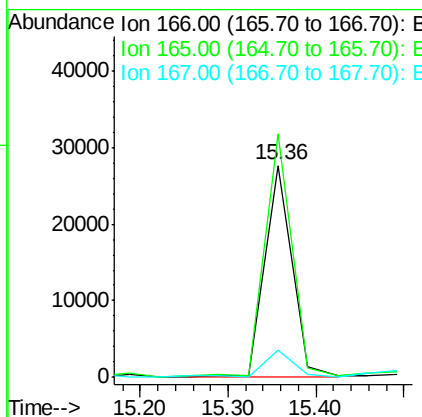
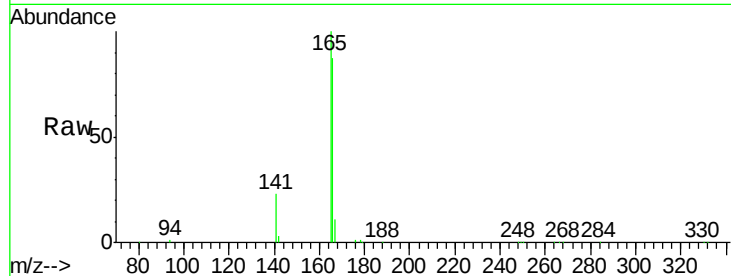




#17
Fluorene
 Concen: 4.28 ng
 RT: 15.36 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: BM001664.D
 Acq: 12 Jun 2015 06:39

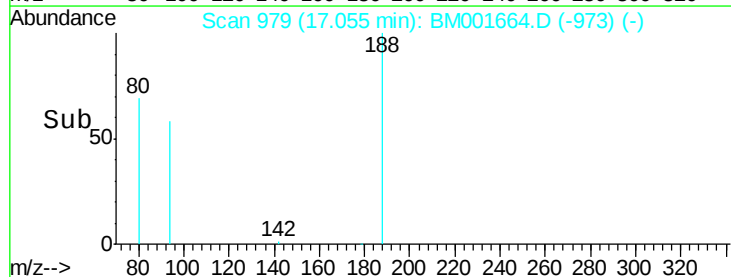
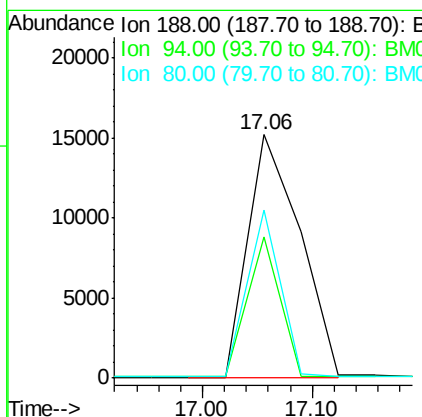
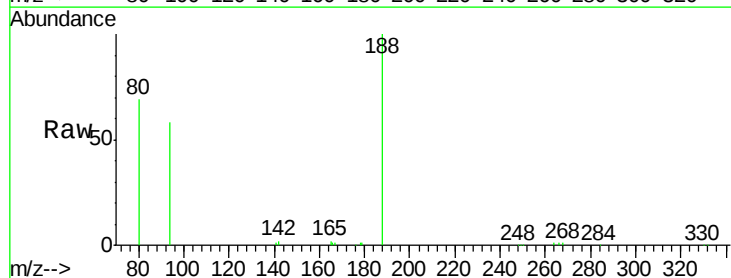
Instrument :
 BNA_M
 ClientSampleId :

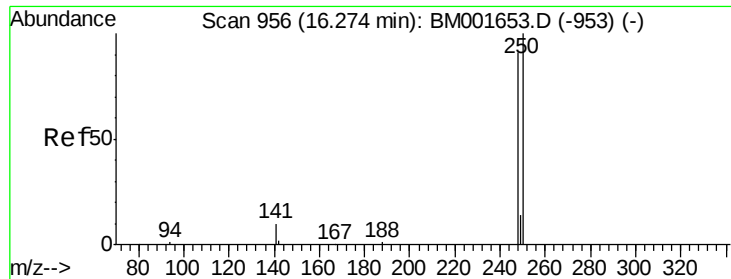
Tgt Ion:166 Resp: 59194
 Ion Ratio Lower Upper
 166 100
 165 112.8 90.7 136.1
 167 14.4 9.4 14.0#



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.06 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BM001664.D
 Acq: 12 Jun 2015 06:39

Tgt Ion:188 Resp: 49654
 Ion Ratio Lower Upper
 188 100
 94 58.2 48.3 72.5
 80 69.3 58.6 88.0

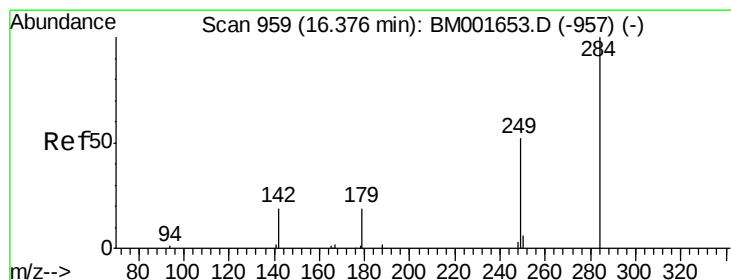
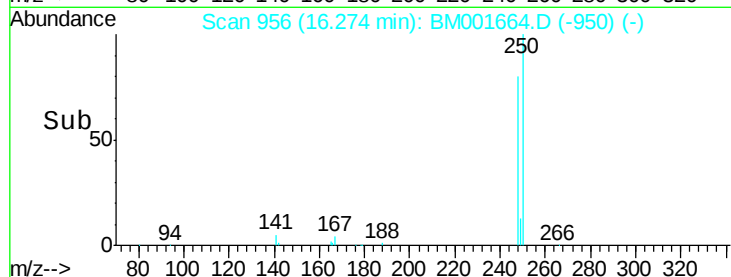
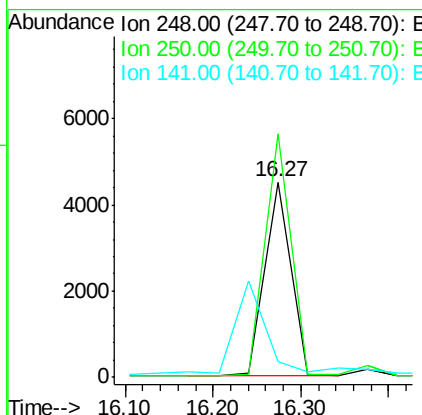
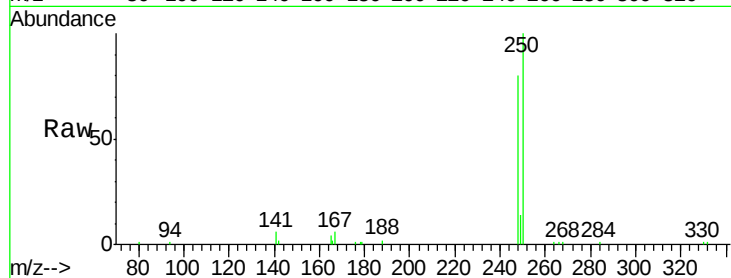




#19
4-Bromophenyl-phenylether
Concen: 1.86 ng
RT: 16.27 min Scan# 956
Delta R.T. 0.00 min
Lab File: BM001664.D
Acq: 12 Jun 2015 06:39

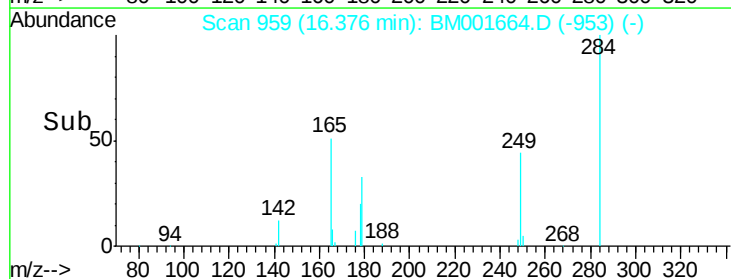
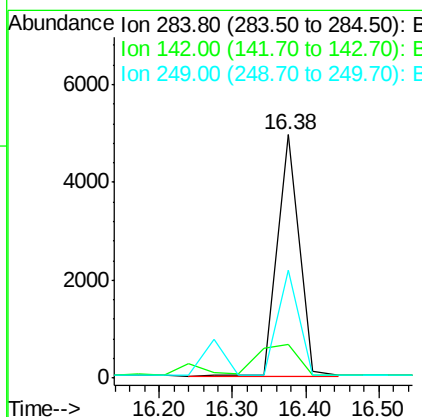
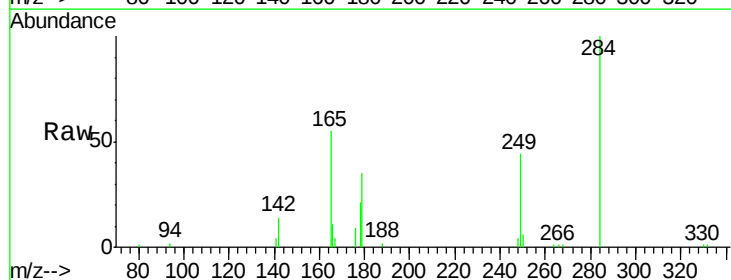
Instrument :
BNA_M
ClientSampleId :

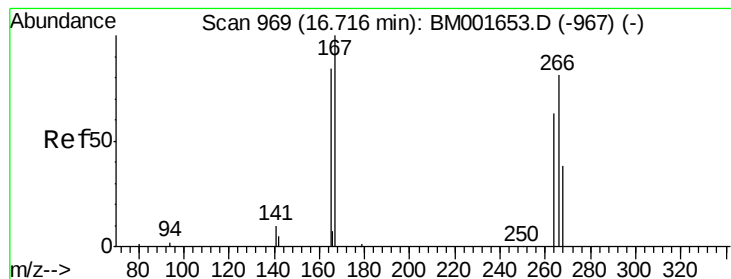
Tgt Ion:248 Resp: 9277
Ion Ratio Lower Upper
248 100
250 123.7 87.5 131.3
141 0.0 0.0 0.0



#20
Hexachlorobenzene
Concen: 2.27 ng
RT: 16.38 min Scan# 959
Delta R.T. 0.00 min
Lab File: BM001664.D
Acq: 12 Jun 2015 06:39

Tgt Ion:284 Resp: 10239
Ion Ratio Lower Upper
284 100
142 23.6 21.5 32.3
249 57.6 53.8 80.6





#21

Pentachlorophenol

Concen: 25.27 ng

RT: 16.72 min Scan# 969

Delta R.T. 0.00 min

Lab File: BM001664.D

Acq: 12 Jun 2015 06:39

Instrument :

BNA_M

ClientSampleId :

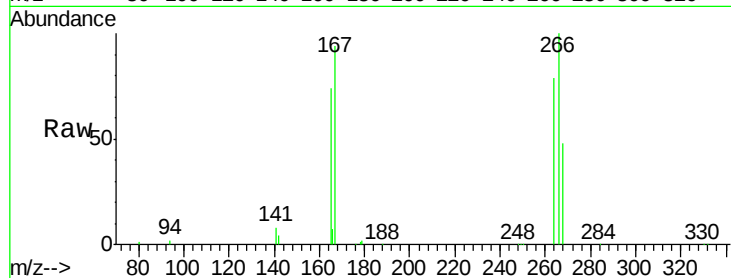
Tgt Ion:266 Resp: 46034

Ion Ratio Lower Upper

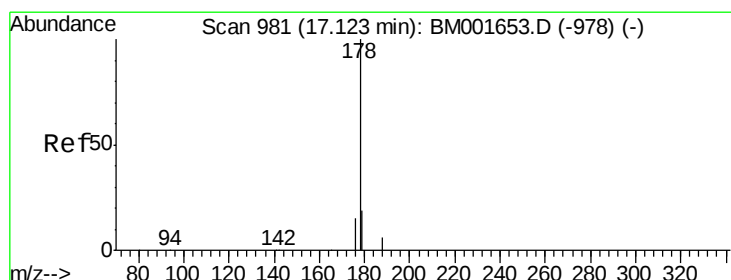
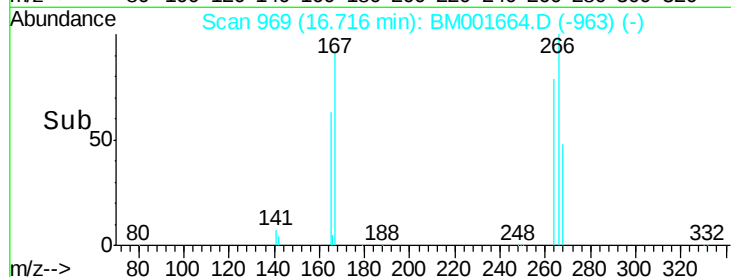
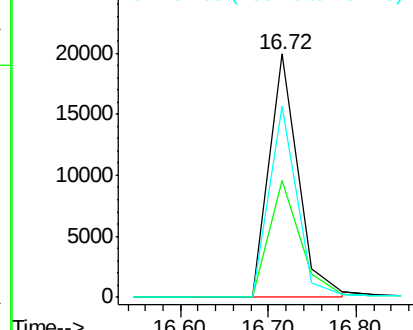
266 100

268 48.0 43.3 64.9

264 78.7 64.5 96.7



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



#22

Phenanthrene

Concen: 18.84 ng

RT: 17.12 min Scan# 981

Delta R.T. 0.00 min

Lab File: BM001664.D

Acq: 12 Jun 2015 06:39

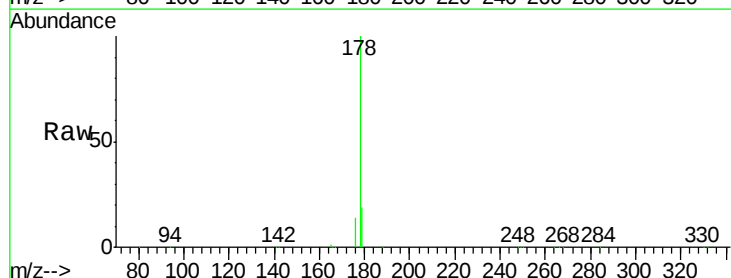
Tgt Ion:178 Resp: 306774

Ion Ratio Lower Upper

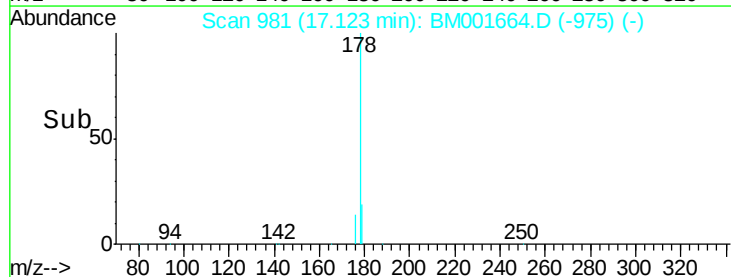
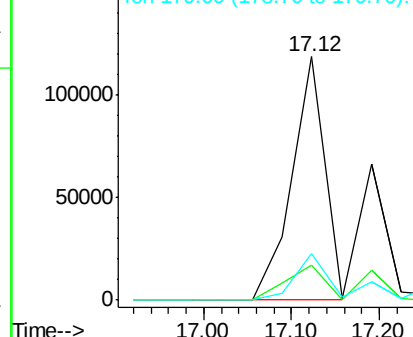
178 100

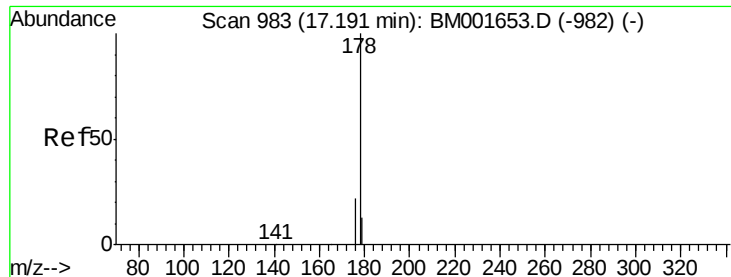
176 17.0 0.0 0.0#

179 18.2 14.2 21.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

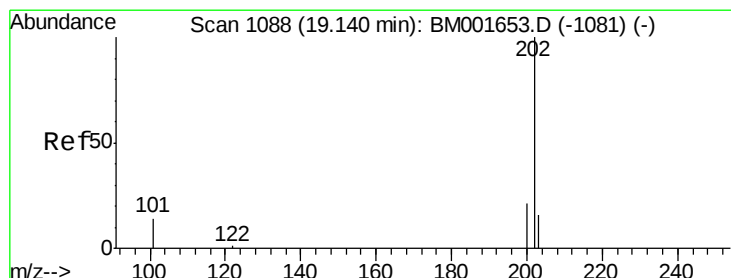
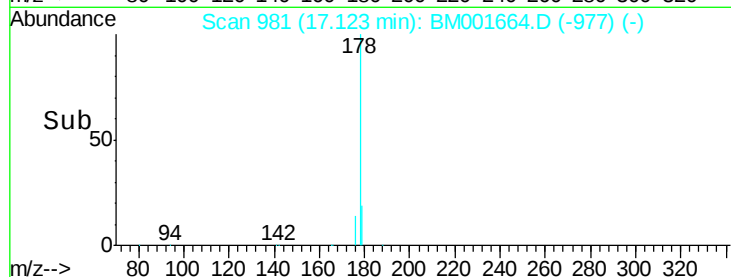
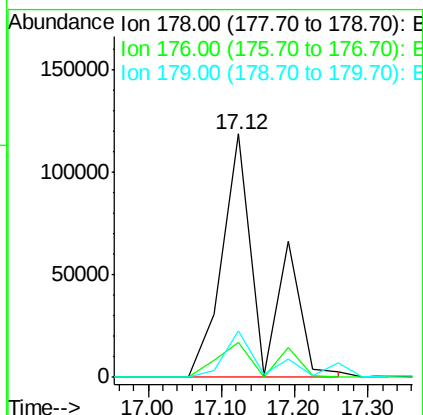
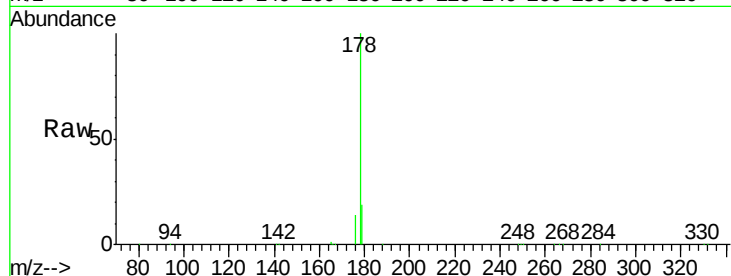




#23
 Anthracene
 Concen: 23.62 ng
 RT: 17.12 min Scan# 981
 Delta R.T. -0.07 min
 Lab File: BM001664.D
 Acq: 12 Jun 2015 06:39

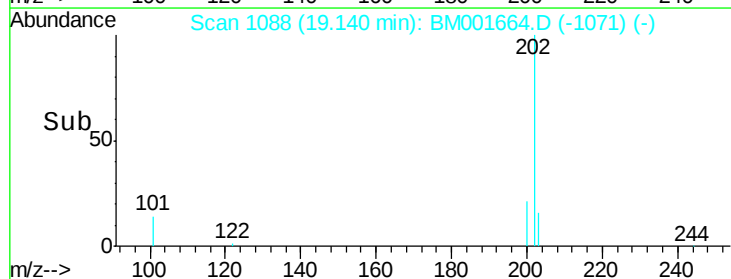
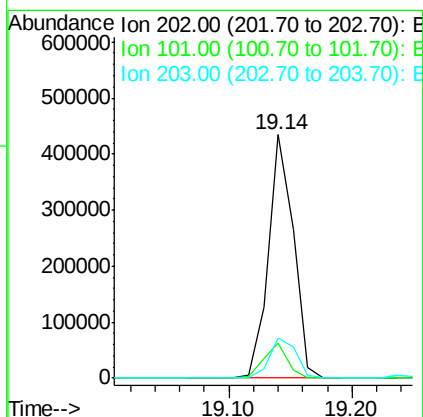
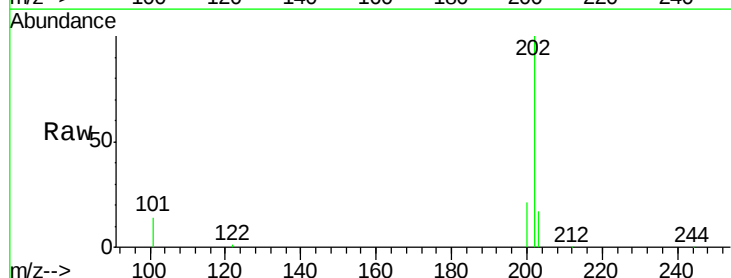
Instrument :
 BNA_M
 ClientSampleId :

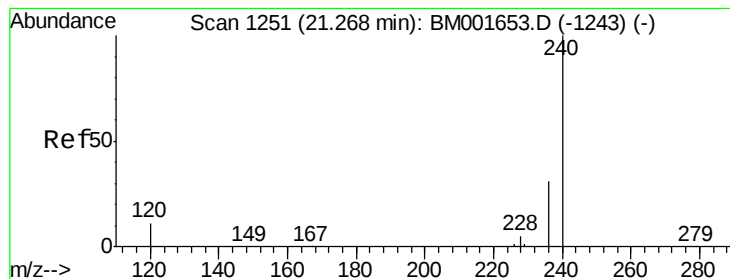
Tgt Ion:178 Resp: 454600
 Ion Ratio Lower Upper
 178 100
 176 18.3 0.0 0.0#
 179 16.6 21.4 32.0#



#24
 Fluoranthene
 Concen: 25.69 ng
 RT: 19.14 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: BM001664.D
 Acq: 12 Jun 2015 06:39

Tgt Ion:202 Resp: 619673
 Ion Ratio Lower Upper
 202 100
 101 13.8 10.8 16.2
 203 17.6 13.8 20.8





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.27 min Scan# 1251

Delta R.T. 0.00 min

Lab File: BM001664.D

Acq: 12 Jun 2015 06:39

Instrument :

BNA_M

ClientSampleId :

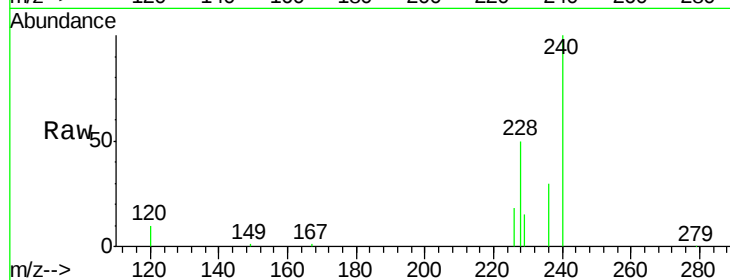
Tgt Ion:240 Resp: 73762

Ion Ratio Lower Upper

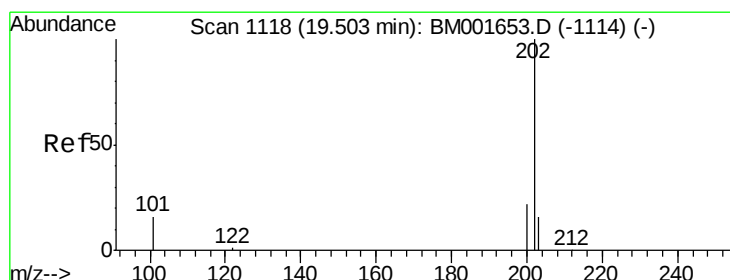
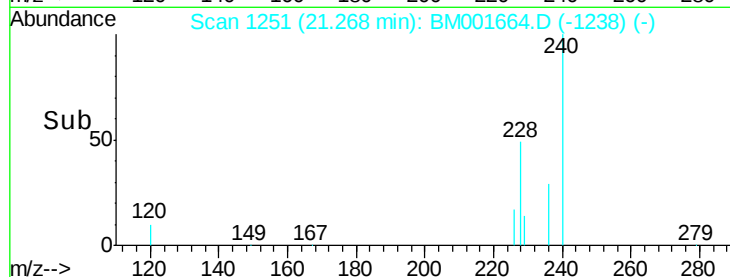
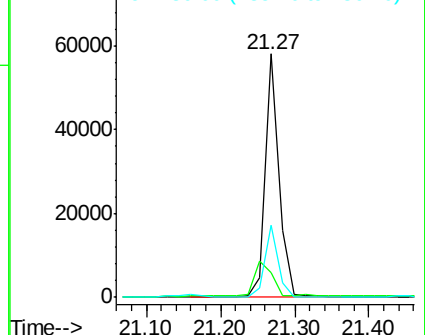
240 100

120 10.4 8.9 13.3

236 29.6 24.6 36.8



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



#26

Pyrene

Concen: 22.63 ng

RT: 19.50 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BM001664.D

Acq: 12 Jun 2015 06:39

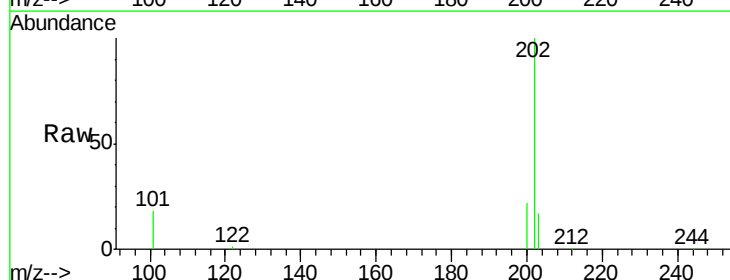
Tgt Ion:202 Resp: 572953

Ion Ratio Lower Upper

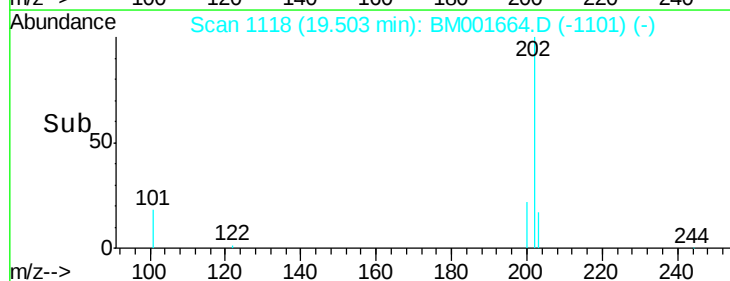
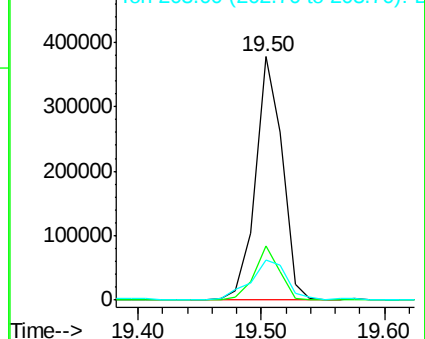
202 100

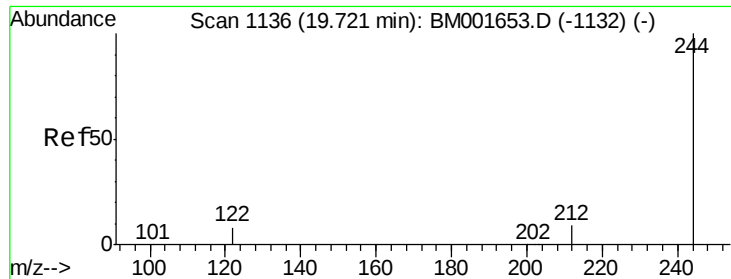
200 21.1 16.6 24.8

203 22.4 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

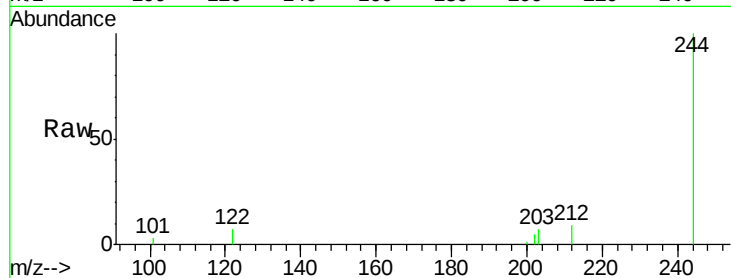




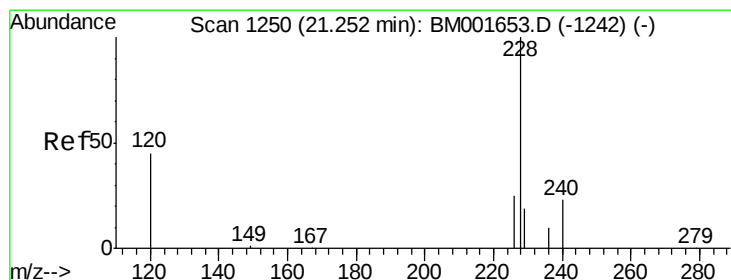
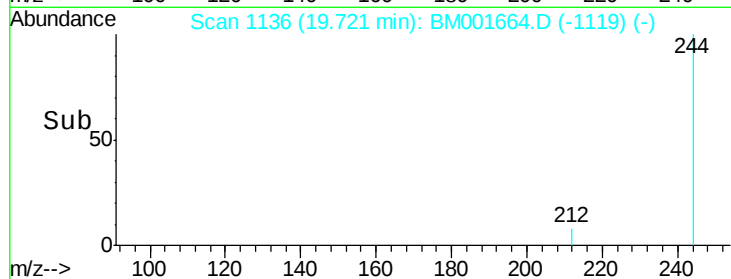
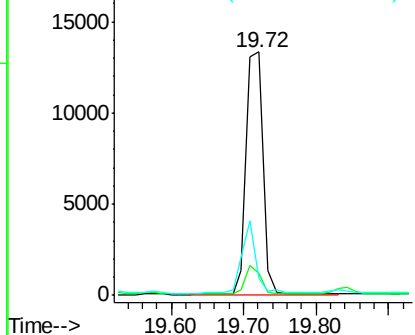
#27
 Terphenyl-d14
 Concen: 1.92 ng
 RT: 19.72 min Scan# 1136
 Delta R.T. 0.00 min
 Lab File: BM001664.D
 Acq: 12 Jun 2015 06:39

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:244 Resp: 21361
 Ion Ratio Lower Upper
 244 100
 212 9.3 7.7 11.5
 122 7.2 6.9 10.3

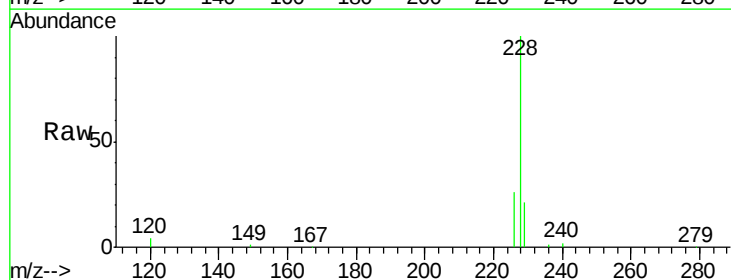


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

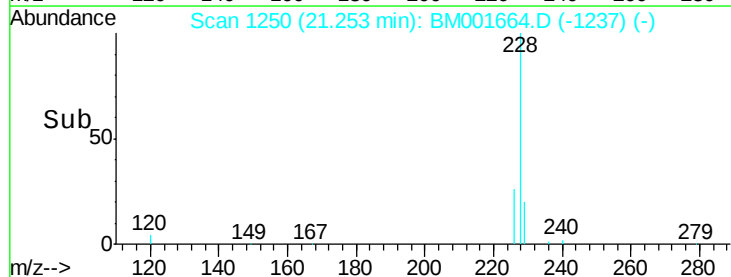
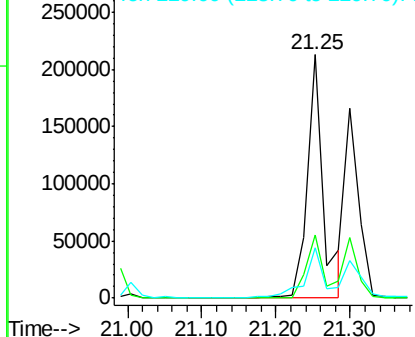


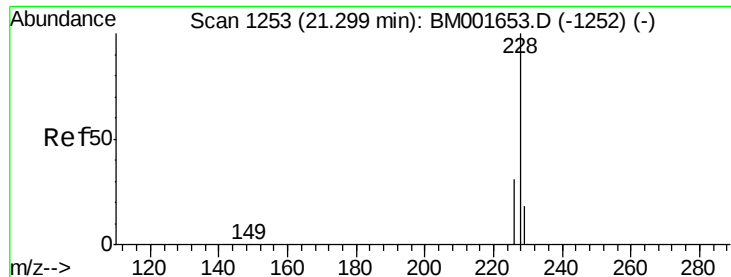
#28
 Benzo(a)anthracene
 Concen: 13.61 ng
 RT: 21.25 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BM001664.D
 Acq: 12 Jun 2015 06:39

Tgt Ion:228 Resp: 315422
 Ion Ratio Lower Upper
 228 100
 226 25.9 20.2 30.4
 229 20.9 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#29

Chrysene

Concen: 9.63 ng

RT: 21.30 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BM001664.D

Acq: 12 Jun 2015 06:39

Instrument :

BNA_M

ClientSampleId :

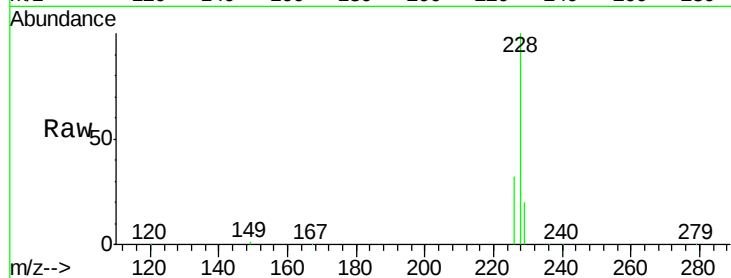
Tgt Ion:228 Resp: 213661

Ion Ratio Lower Upper

228 100

226 31.8 25.8 38.8

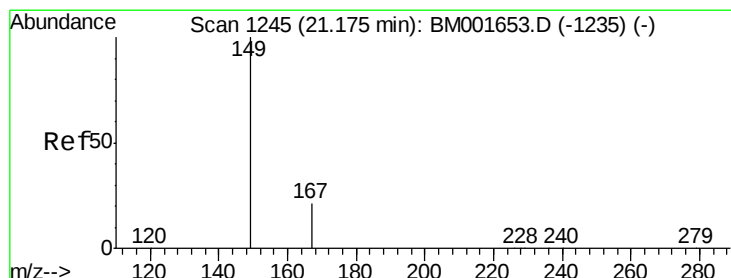
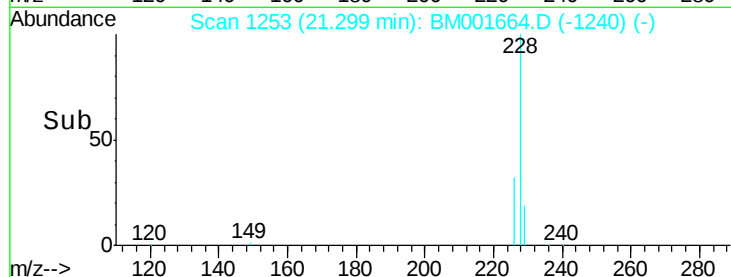
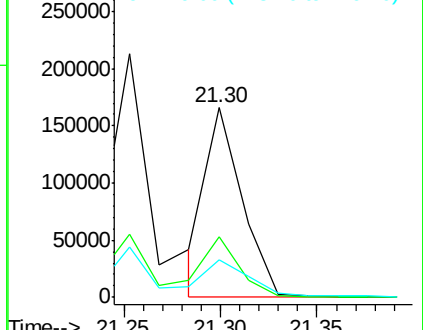
229 19.8 14.1 21.1



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



#30

Bis(2-ethylhexyl)phthalate

Concen: 2.53 ng

RT: 21.18 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BM001664.D

Acq: 12 Jun 2015 06:39

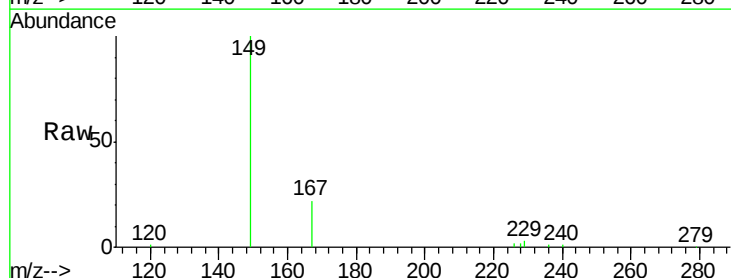
Tgt Ion:149 Resp: 39957

Ion Ratio Lower Upper

149 100

167 25.0 20.2 30.2

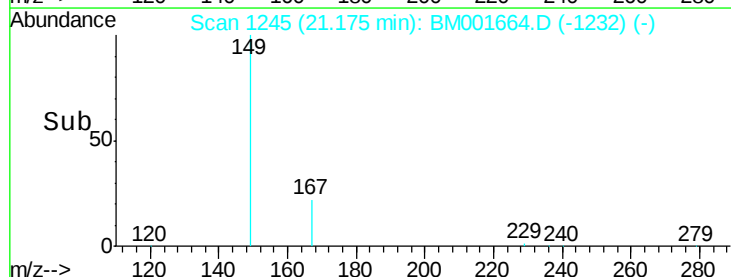
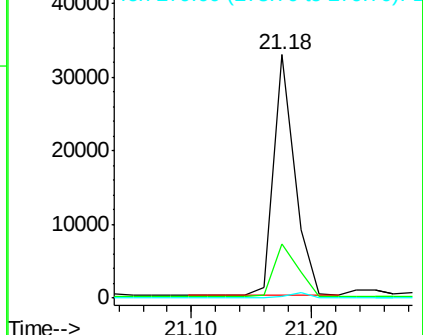
279 2.1 1.7 2.5

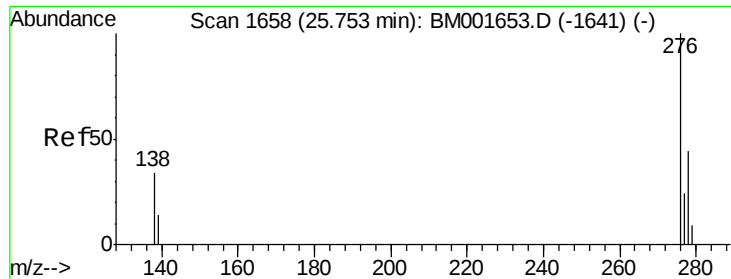


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Indeno(1,2,3-cd)pyrene

Concen: 6.58 ng

RT: 25.75 min Scan# 1658

Delta R.T. 0.00 min

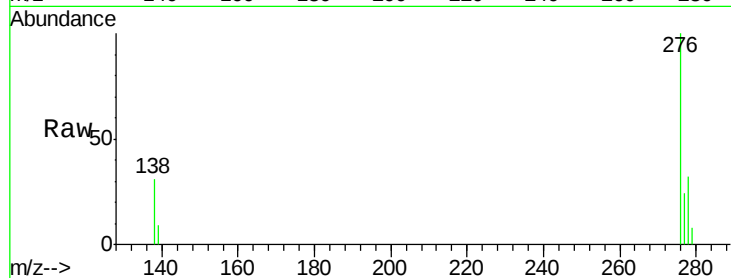
Lab File: BM001664.D

Acq: 12 Jun 2015 06:39

Instrument :

BNA_M

ClientSampleId :



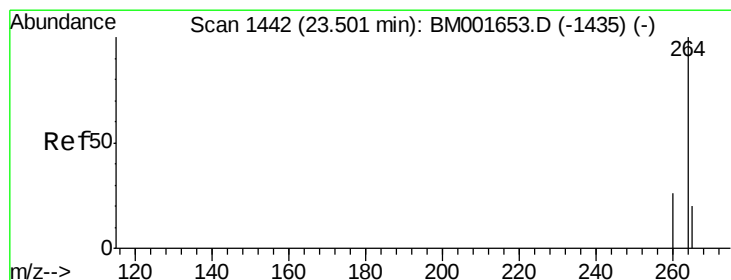
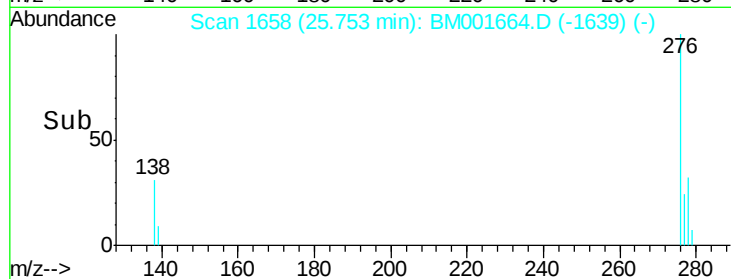
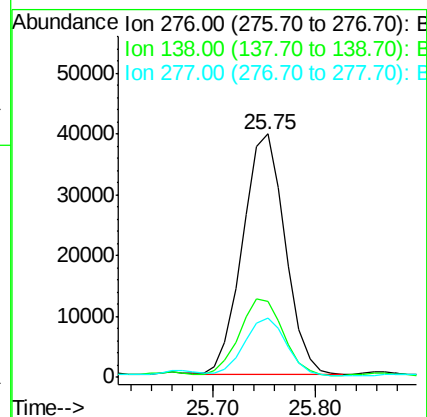
Tgt Ion:276 Resp: 114707

Ion Ratio Lower Upper

276 100

138 32.8 28.8 43.2

277 24.3 19.6 29.4



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.50 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BM001664.D

Acq: 12 Jun 2015 06:39

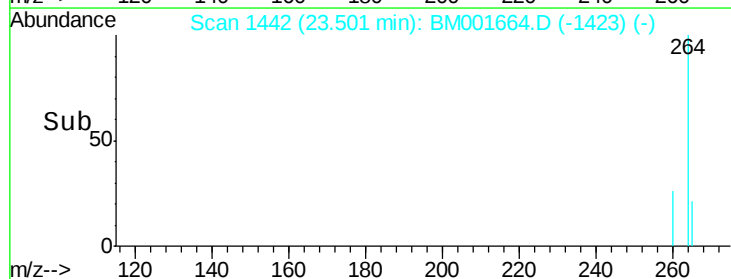
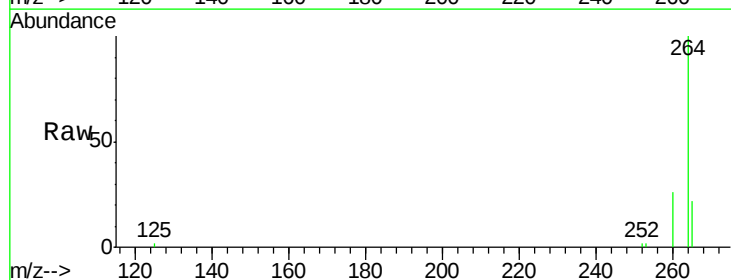
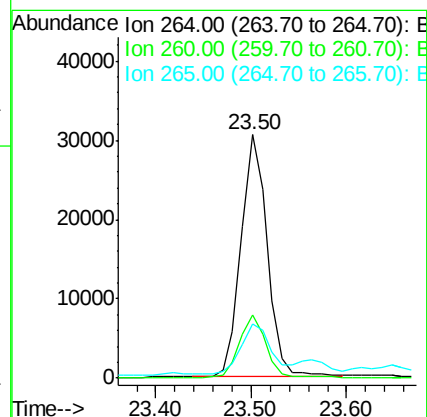
Tgt Ion:264 Resp: 58728

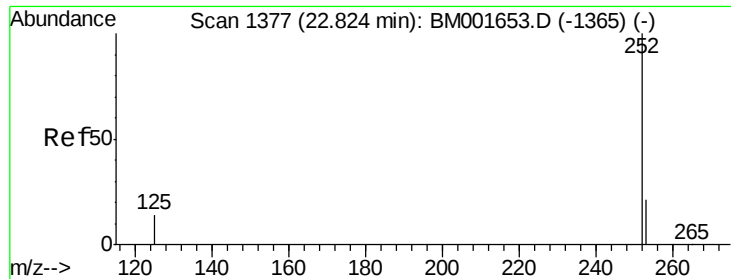
Ion Ratio Lower Upper

264 100

260 26.0 20.8 31.2

265 22.5 16.9 25.3





#33

Benzo(b)fluoranthene

Concen: 18.91 ng

RT: 22.83 min Scan# 1378

Delta R.T. 0.01 min

Lab File: BM001664.D

Acq: 12 Jun 2015 06:39

Instrument :

BNA_M

ClientSampleId :

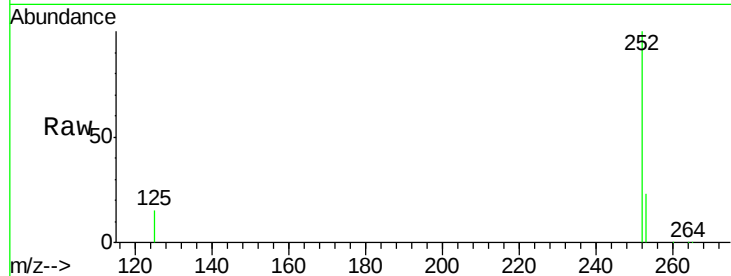
Tgt Ion:252 Resp: 362290

Ion Ratio Lower Upper

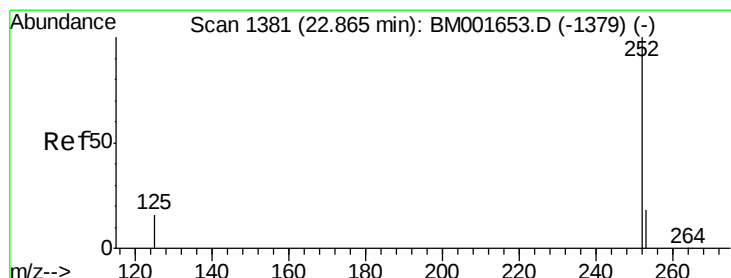
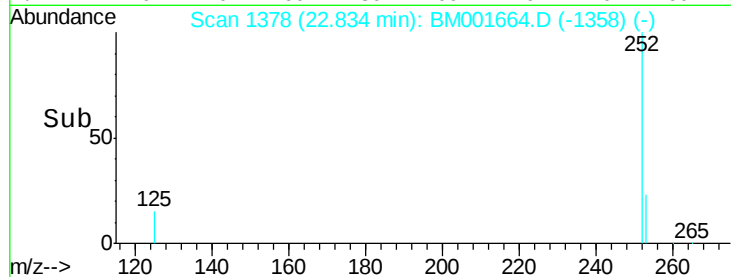
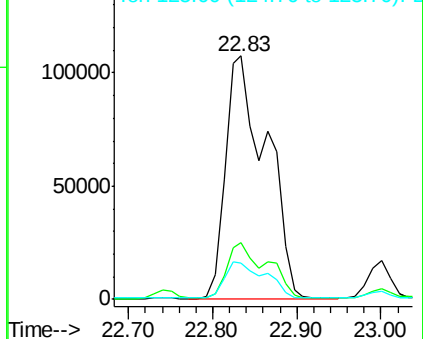
252 100

253 23.1 17.4 26.2

125 15.1 12.0 18.0



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



#34

Benzo(k)fluoranthene

Concen: 19.48 ng

RT: 22.83 min Scan# 1378

Delta R.T. -0.03 min

Lab File: BM001664.D

Acq: 12 Jun 2015 06:39

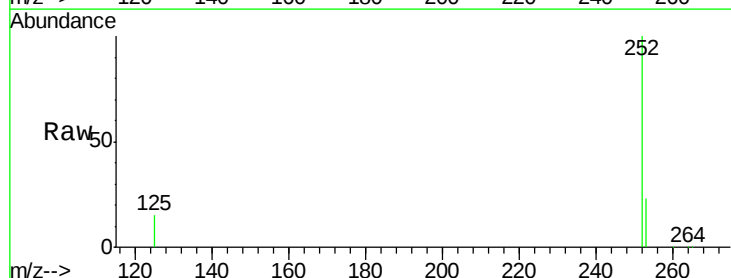
Tgt Ion:252 Resp: 362290

Ion Ratio Lower Upper

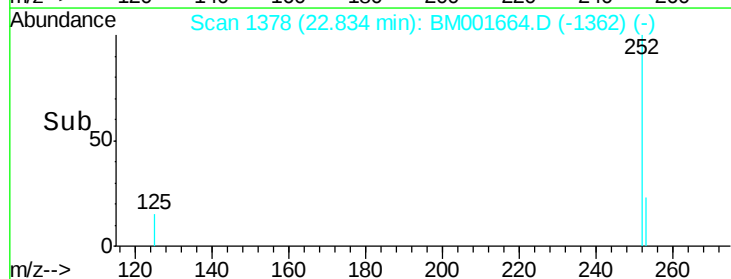
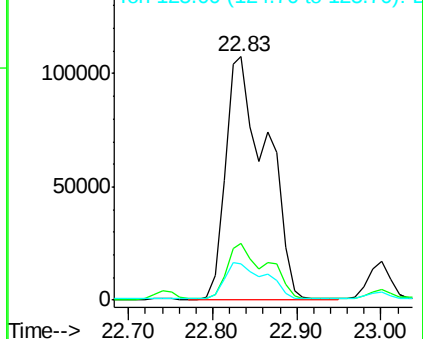
252 100

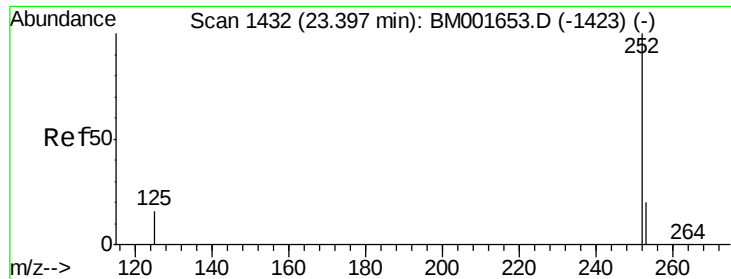
253 23.1 17.0 25.6

125 15.1 12.5 18.7



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





#35

Benzo(a)pyrene

Concen: 11.64 ng

RT: 23.40 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BM001664.D

Acq: 12 Jun 2015 06:39

Instrument :

BNA_M

ClientSampleId :

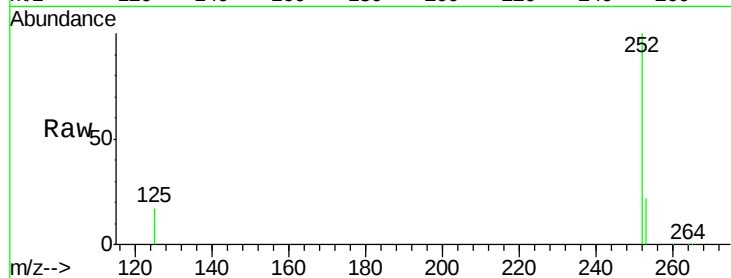
Tgt Ion:252 Resp: 185761

Ion Ratio Lower Upper

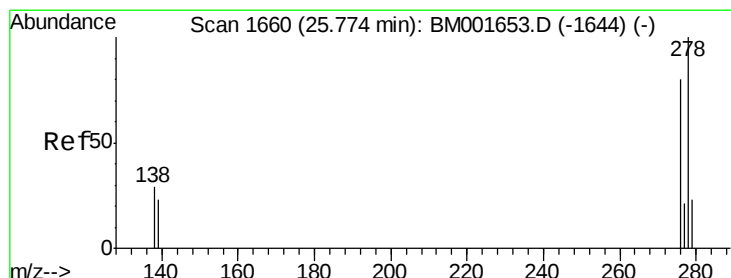
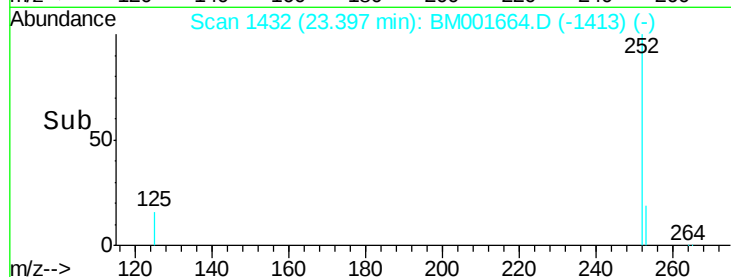
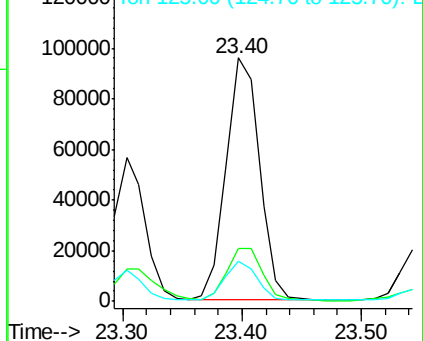
252 100

253 21.6 17.4 26.0

125 16.7 14.0 21.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#36

Dibenzo(a,h)anthracene

Concen: 3.35 ng

RT: 25.76 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BM001664.D

Acq: 12 Jun 2015 06:39

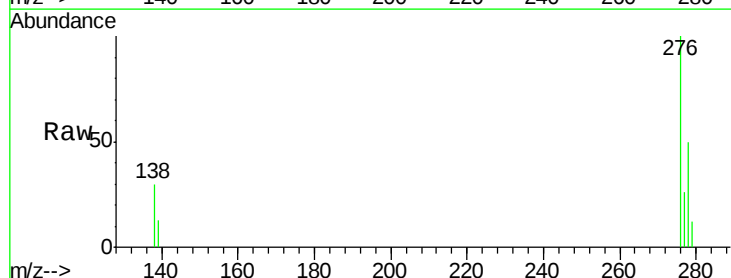
Tgt Ion:278 Resp: 44929

Ion Ratio Lower Upper

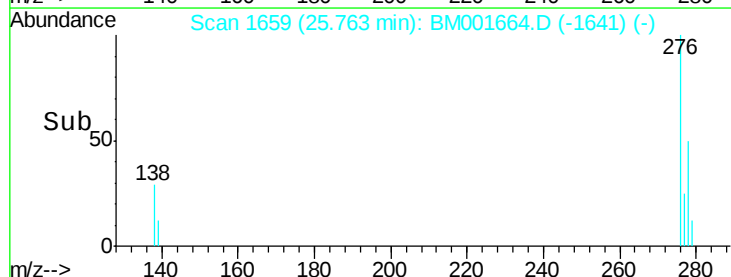
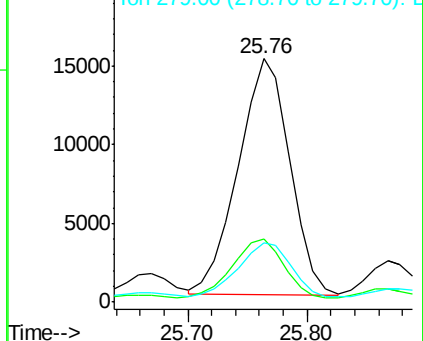
278 100

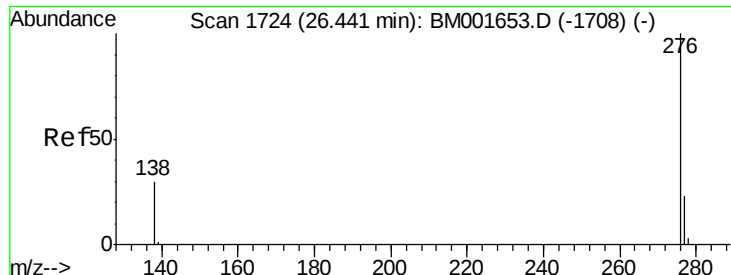
139 25.9 19.1 28.7

279 24.5 19.7 29.5



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#37

Benzo(g,h,i)perylene

Concen: 7.90 ng

RT: 26.44 min Scan# 1724

Delta R.T. 0.00 min

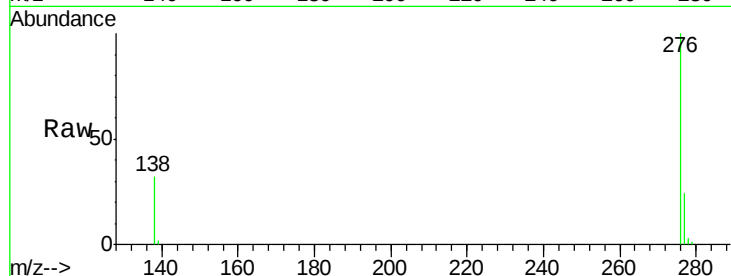
Lab File: BM001664.D

Acq: 12 Jun 2015 06:39

Instrument :

BNA_M

ClientSampleId :



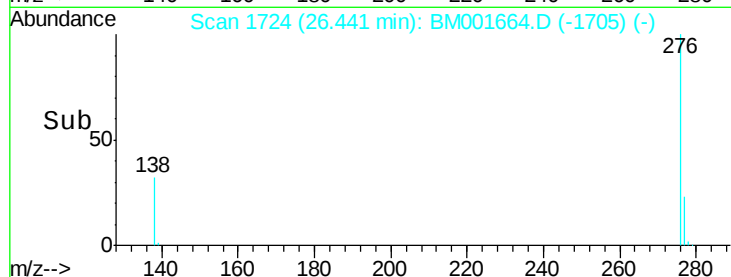
Tgt Ion: 276 Resp: 107911

Ion Ratio Lower Upper

276 100

277 23.6 19.3 28.9

138 32.4 25.0 37.4



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

