

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061215\
 Data File : BM001663.D
 Acq On : 12 Jun 2015 06:03
 Operator : TP/IZ
 Sample : G2449-03MS 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 12 16:51:51 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	24025	5.00	ng	0.00
6) Naphthalene-d8	10.47	136	90452	5.00	ng	0.00
12) Acenaphthene-d10	14.34	164	43603	5.00	ng	0.00
18) Phenanthrene-d10	17.06	188	50218	5.00	ng	0.00
25) Chrysene-d12	21.27	240	59504	5.00	ng	0.00
32) Perylene-d12	23.51	264	53521	5.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.27	112	14302	2.51	ng	0.00
5) Phenol-d6	6.84	99	20080	2.81	ng	0.00
7) Nitrobenzene-d5	8.85	82	12557	1.81	ng	0.00
13) 2,4,6-Tribromophenol	15.83	330	4645	2.93	ng	0.00
14) 2-Fluorobiphenyl	12.96	172	27734	1.82	ng	0.00
27) Terphenyl-d14	19.72	244	17076	1.90	ng	0.00

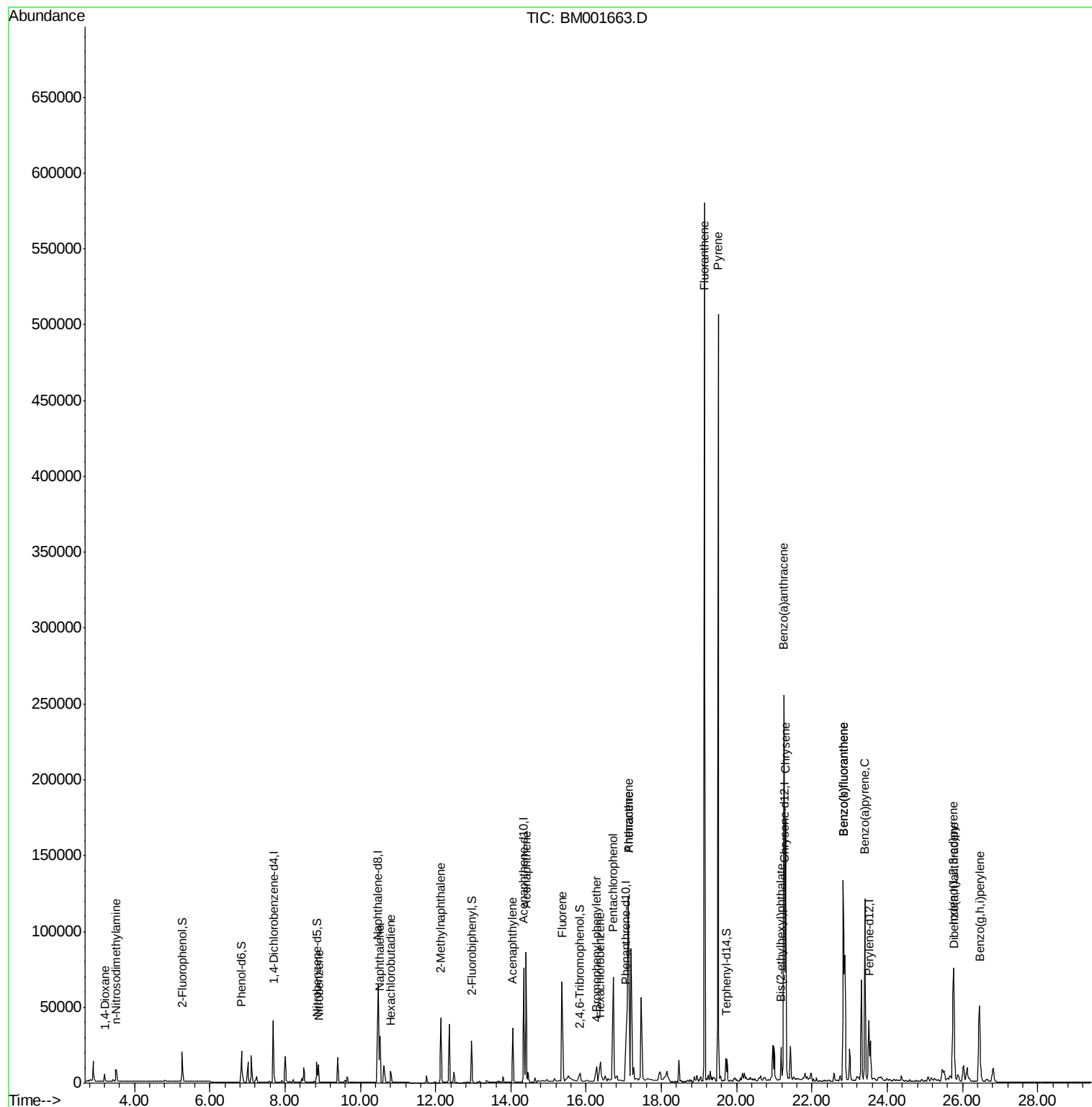
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.21	88	3968	1.55	ng	99
3) n-Nitrosodimethylamine	3.51	42	7018	1.67	ng	# 97
8) Nitrobenzene	8.89	77	13411	1.79	ng	99
9) Naphthalene	10.52	128	51380	2.34	ng	99
10) Hexachlorobutadiene	10.80	225	6386	1.75	ng	99
11) 2-Methylnaphthalene	12.14	142	29958	2.12	ng	# 86
15) Acenaphthylene	14.05	152	45816	2.25	ng	99
16) Acenaphthene	14.40	154	44442	3.43	ng	96
17) Fluorene	15.36	166	54429	4.11	ng	# 98
19) 4-Bromophenyl-phenylether	16.27	248	7776	1.54	ng	# 83
20) Hexachlorobenzene	16.38	284	9469	2.07	ng	# 73
21) Pentachlorophenol	16.72	266	40134	21.82	ng	95
22) Phenanthrene	17.12	178	245440	14.90	ng	# 99
23) Anthracene	17.12	178	386993	19.88	ng	# 80
24) Fluoranthene	19.14	202	514287	21.08	ng	100
26) Pyrene	19.50	202	478811	23.44	ng	# 95
28) Benzo(a)anthracene	21.25	228	242404	12.97	ng	97
29) Chrysene	21.30	228	177818	9.94	ng	97
30) Bis(2-ethylhexyl)phthalate	21.18	149	25978	2.08	ng	100
31) Indeno(1,2,3-cd)pyrene	25.75	276	108062	7.69	ng	96
33) Benzo(b)fluoranthene	22.83	252	306581	17.56	ng	99
34) Benzo(k)fluoranthene	22.83	252	306581	18.08	ng	97
35) Benzo(a)pyrene	23.41	252	162090	11.14	ng	97
36) Dibenzo(a,h)anthracene	25.77	278	42413	3.47	ng	99
37) Benzo(g,h,i)perylene	26.45	276	101703	8.17	ng	99

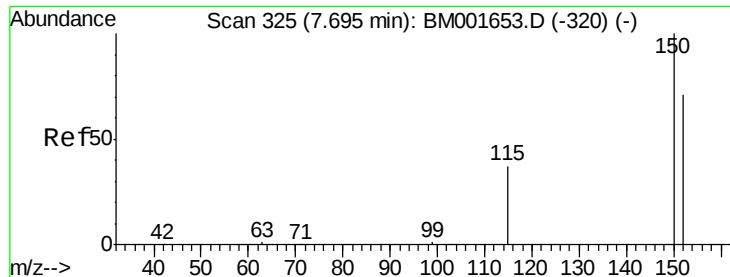
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061215\
Data File : BM001663.D
Acq On : 12 Jun 2015 06:03
Operator : TP/IZ
Sample : G2449-03MS 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jun 12 16:51:51 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 16:27:37 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.70 min Scan# 325

Delta R.T. 0.00 min

Lab File: BM001663.D

Acq: 12 Jun 2015 06:03

Instrument :

BNA_M

ClientSampleId :

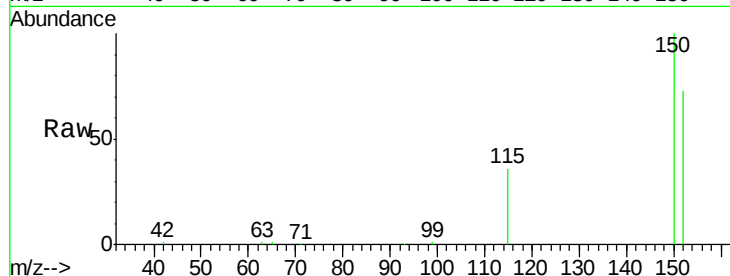
Tgt Ion:152 Resp: 24025

Ion Ratio Lower Upper

152 100

150 136.6 112.2 168.2

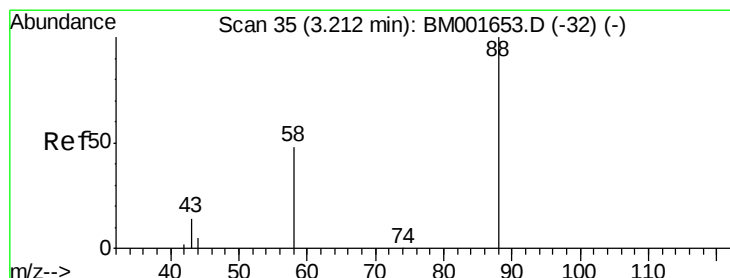
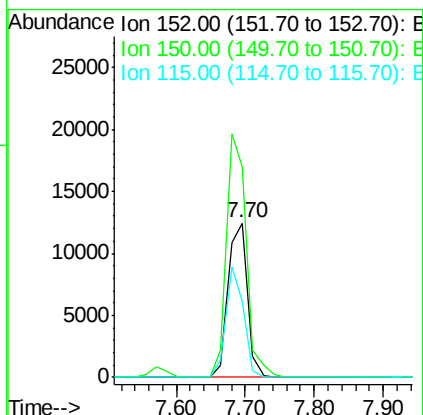
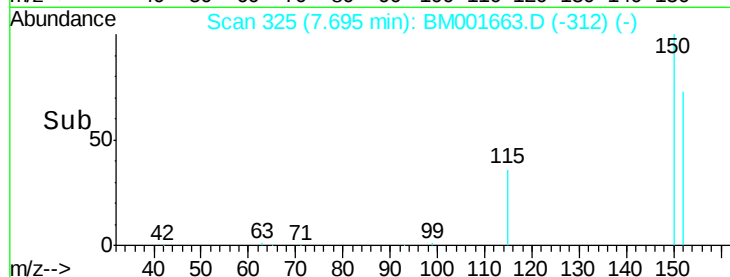
115 49.4 41.7 62.5



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: 1.55 ng

RT: 3.21 min Scan# 35

Delta R.T. 0.00 min

Lab File: BM001663.D

Acq: 12 Jun 2015 06:03

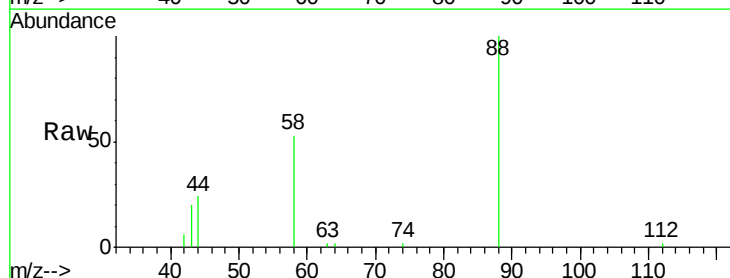
Tgt Ion: 88 Resp: 3968

Ion Ratio Lower Upper

88 100

58 88.7 70.5 105.7

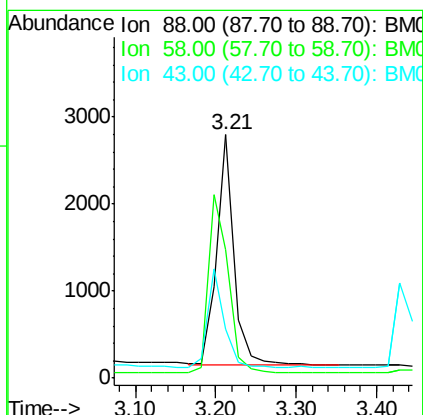
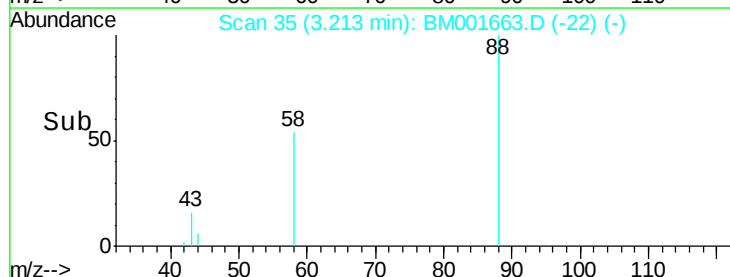
43 40.3 33.3 49.9

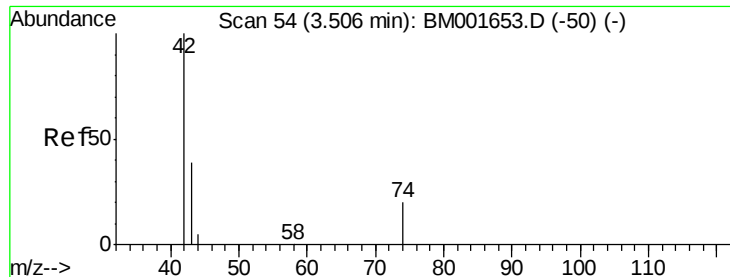


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 1.67 ng

RT: 3.51 min Scan# 54

Delta R.T. 0.00 min

Lab File: BM001663.D

Acq: 12 Jun 2015 06:03

Instrument :

BNA_M

ClientSampleId :

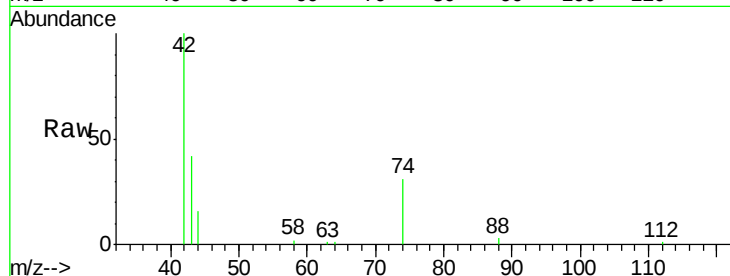
Tgt Ion: 42 Resp: 7018

Ion Ratio Lower Upper

42 100

74 96.9 75.7 113.5

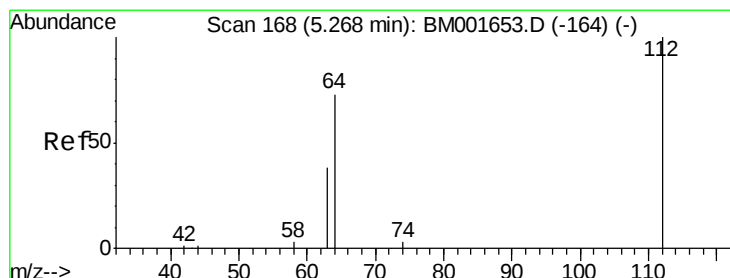
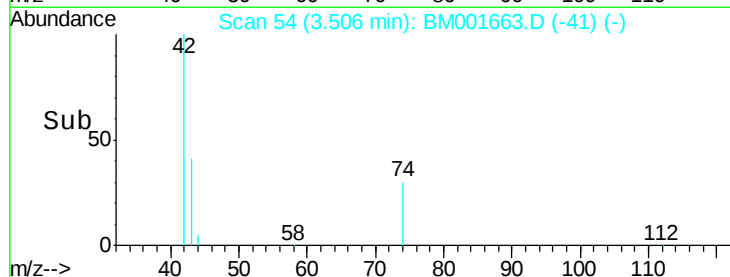
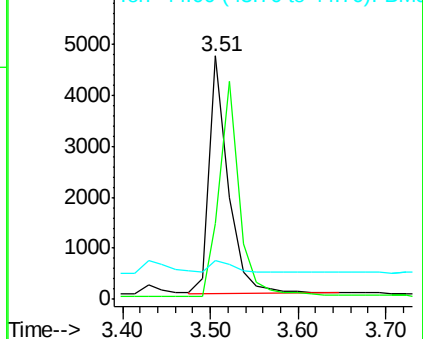
44 6.5 6.7 10.1#



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: 2.51 ng

RT: 5.27 min Scan# 168

Delta R.T. 0.00 min

Lab File: BM001663.D

Acq: 12 Jun 2015 06:03

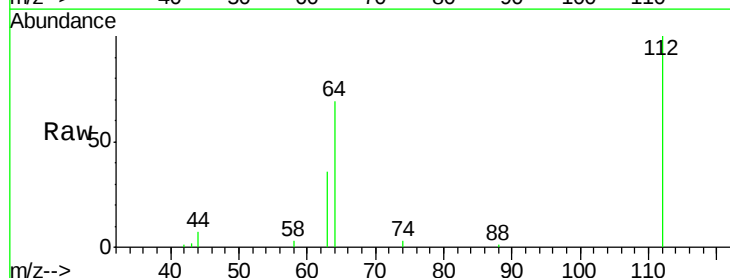
Tgt Ion: 112 Resp: 14302

Ion Ratio Lower Upper

112 100

64 69.0 55.5 83.3

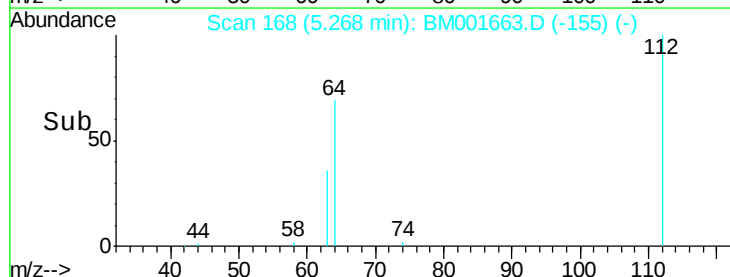
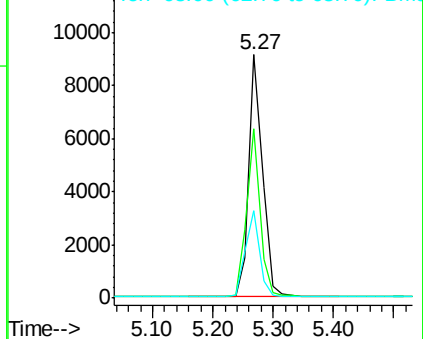
63 37.7 29.9 44.9

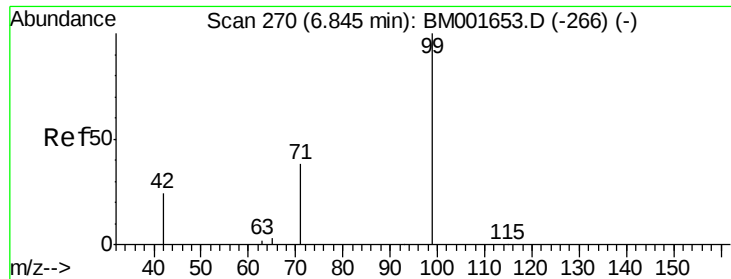


Abundance Ion 112.00 (111.70 to 112.70): BM001653.D (-164) (-)

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: 2.81 ng

RT: 6.84 min Scan# 270

Delta R.T. 0.00 min

Lab File: BM001663.D

Acq: 12 Jun 2015 06:03

Instrument :

BNA_M

ClientSampleId :

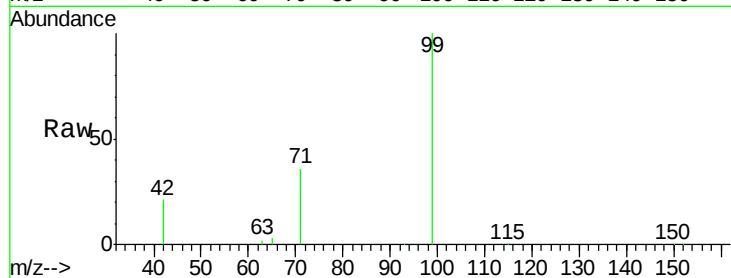
Tgt Ion: 99 Resp: 20080

Ion Ratio Lower Upper

99 100

42 26.1 21.6 32.4

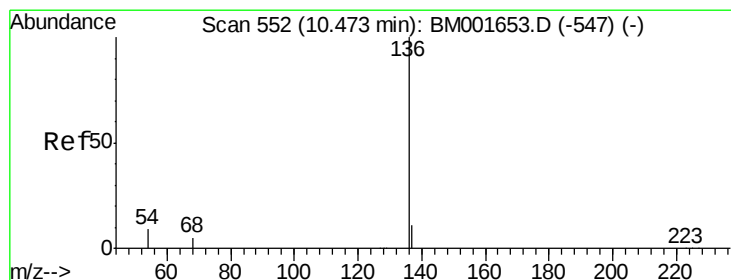
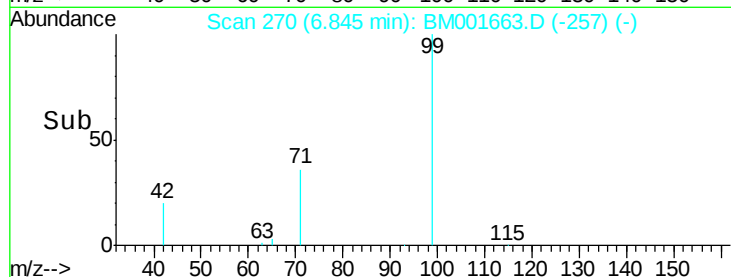
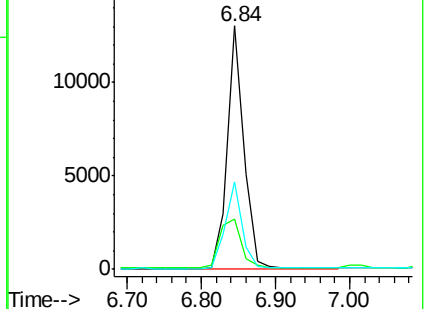
71 35.8 28.7 43.1



Abundance Ion 99.00 (98.70 to 99.70): BM001663.D (-257) (-)

Ion 42.00 (41.70 to 42.70): BM001663.D (-257) (-)

Ion 71.00 (70.70 to 71.70): BM001663.D (-257) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.47 min Scan# 552

Delta R.T. 0.00 min

Lab File: BM001663.D

Acq: 12 Jun 2015 06:03

Tgt Ion: 136 Resp: 90452

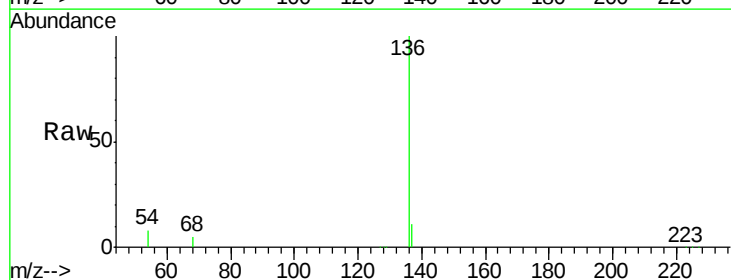
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 7.6 6.9 10.3

68 5.0 4.4 6.6

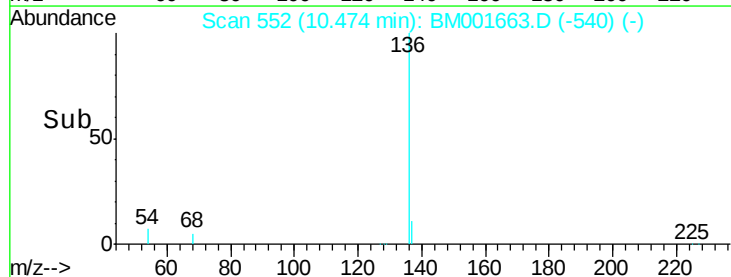
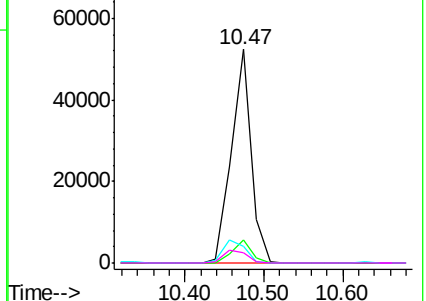


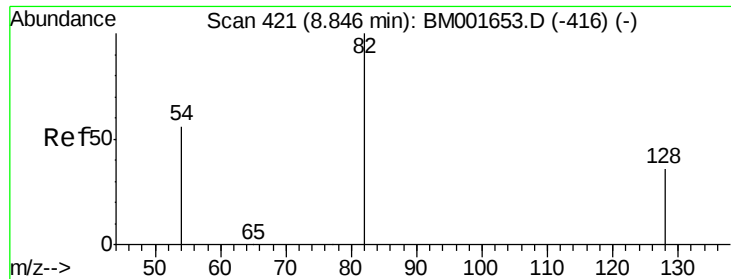
Abundance Ion 136.00 (135.70 to 136.70): BM001663.D (-540) (-)

Ion 137.00 (136.70 to 137.70): BM001663.D (-540) (-)

Ion 54.00 (53.70 to 54.70): BM001663.D (-540) (-)

Ion 68.00 (67.70 to 68.70): BM001663.D (-540) (-)





#7

Nitrobenzene-d5

Concen: 1.81 ng

RT: 8.85 min Scan# 421

Delta R.T. 0.00 min

Lab File: BM001663.D

Acq: 12 Jun 2015 06:03

Instrument :

BNA_M

ClientSampleId :

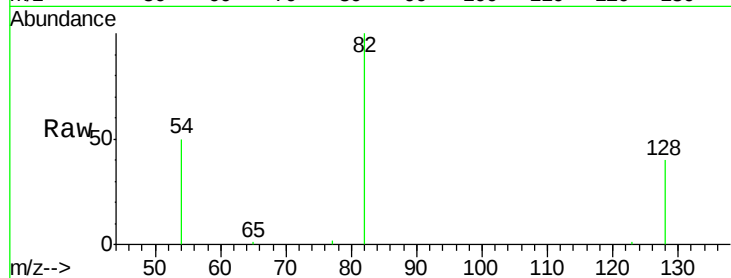
Tgt Ion: 82 Resp: 12557

Ion Ratio Lower Upper

82 100

128 39.8 29.7 44.5

54 50.4 45.1 67.7

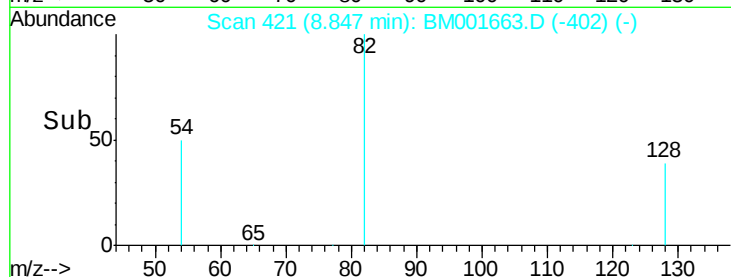


Abundance Ion 82.00 (81.70 to 82.70): BM001663.D (-402) (-)

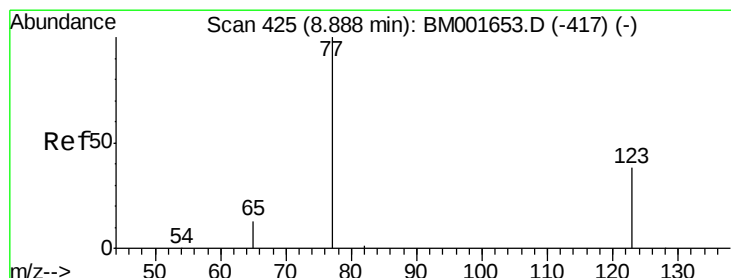
Ion 128.00 (127.70 to 128.70): BM001663.D (-402) (-)

Ion 54.00 (53.70 to 54.70): BM001663.D (-402) (-)

Time-->



Time-->



#8

Nitrobenzene

Concen: 1.79 ng

RT: 8.89 min Scan# 425

Delta R.T. 0.00 min

Lab File: BM001663.D

Acq: 12 Jun 2015 06:03

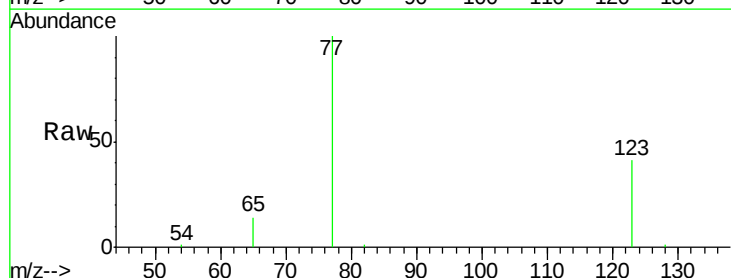
Tgt Ion: 77 Resp: 13411

Ion Ratio Lower Upper

77 100

123 38.4 30.3 45.5

65 14.2 11.2 16.8

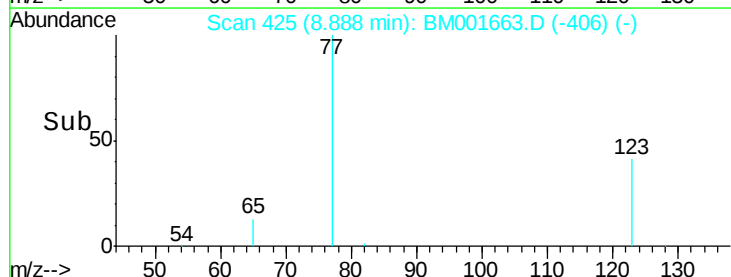


Abundance Ion 77.00 (76.70 to 77.70): BM001663.D (-406) (-)

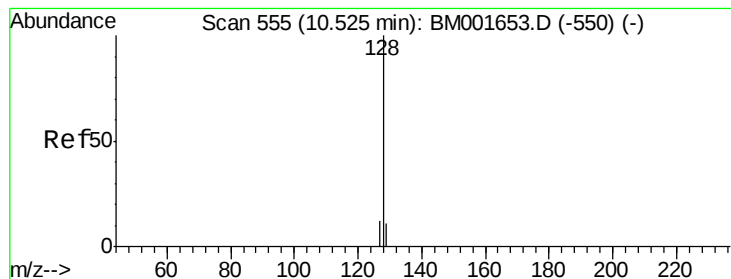
Ion 123.00 (122.70 to 123.70): BM001663.D (-406) (-)

Ion 65.00 (64.70 to 65.70): BM001663.D (-406) (-)

Time-->



Time-->



#9

Naphthalene

Concen: 2.34 ng

RT: 10.52 min Scan# 555

Delta R.T. 0.00 min

Lab File: BM001663.D

Acq: 12 Jun 2015 06:03

Instrument :

BNA_M

ClientSampleId :

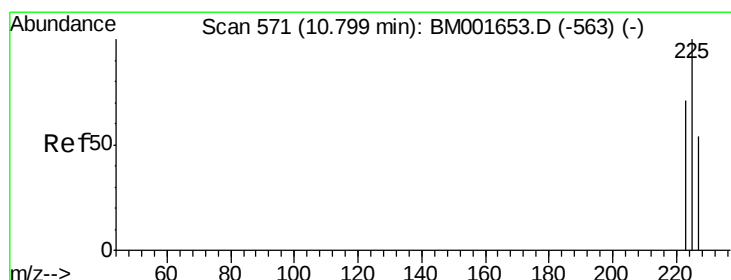
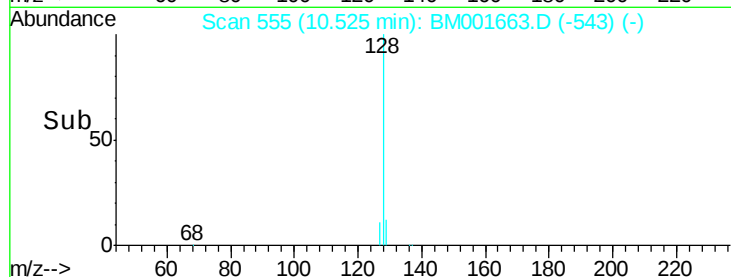
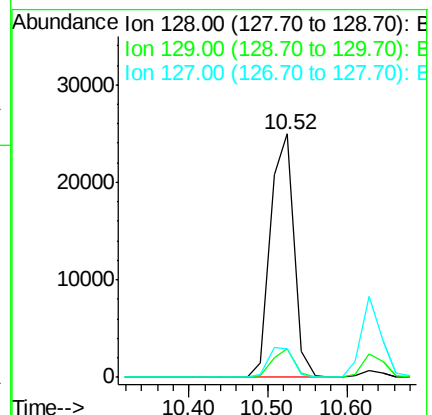
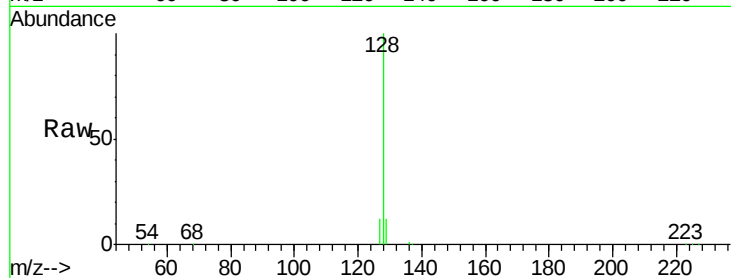
Tgt Ion:128 Resp: 51380

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.2

127 11.6 9.7 14.5



#10

Hexachlorobutadiene

Concen: 1.75 ng

RT: 10.80 min Scan# 571

Delta R.T. 0.00 min

Lab File: BM001663.D

Acq: 12 Jun 2015 06:03

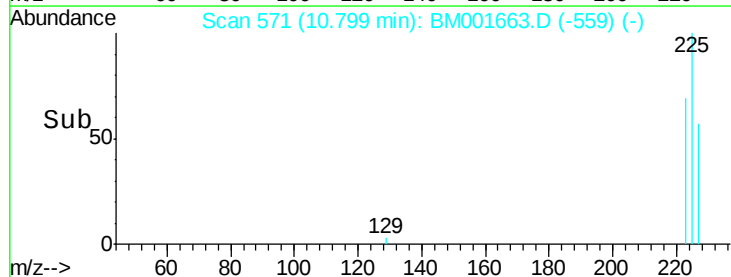
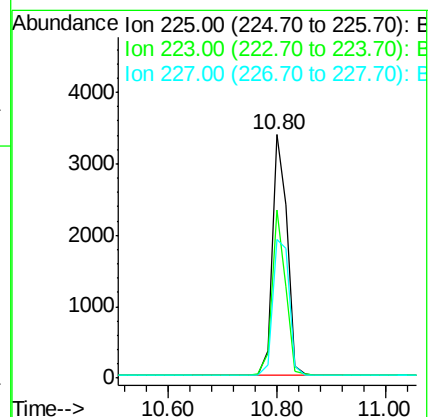
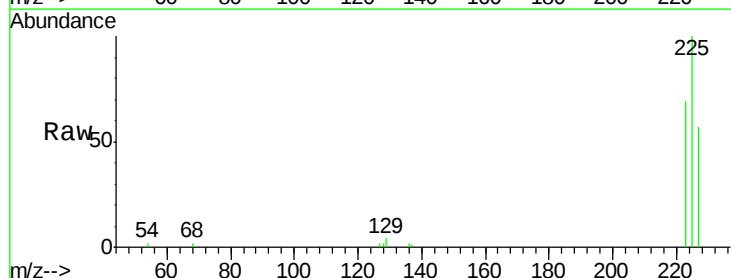
Tgt Ion:225 Resp: 6386

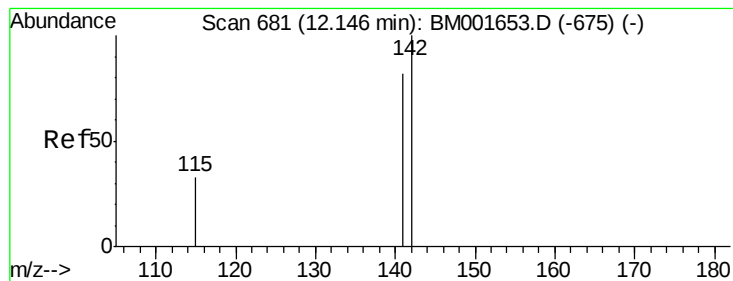
Ion Ratio Lower Upper

225 100

223 62.8 51.0 76.4

227 63.7 51.2 76.8

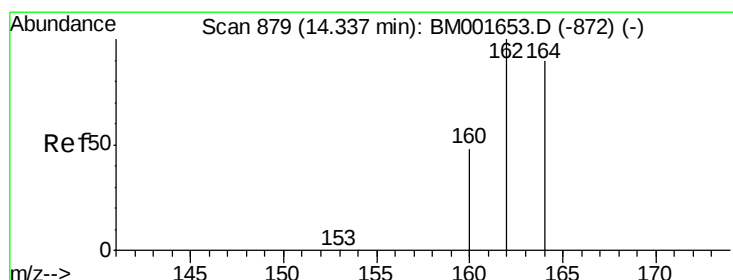
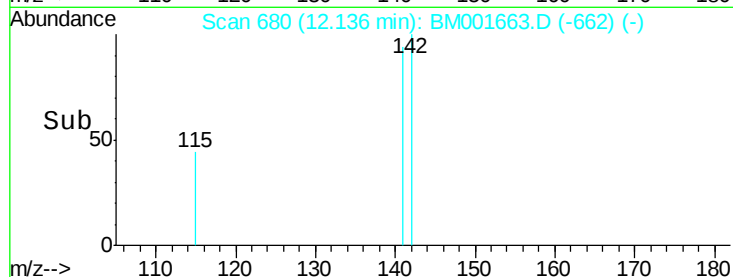
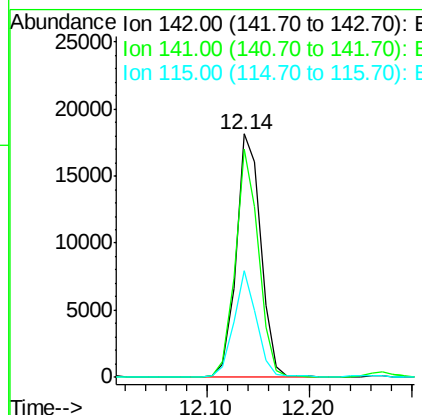
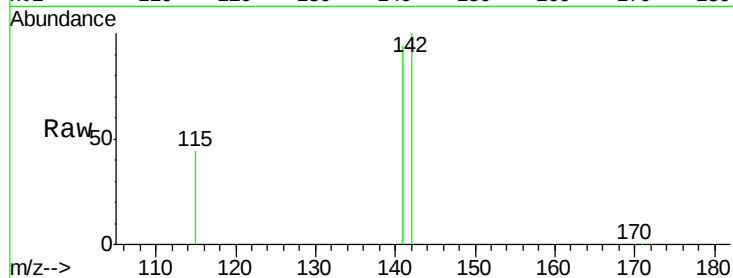




#11
2-Methylnaphthalene
Concen: 2.12 ng
RT: 12.14 min Scan# 680
Delta R.T. -0.01 min
Lab File: BM001663.D
Acq: 12 Jun 2015 06:03

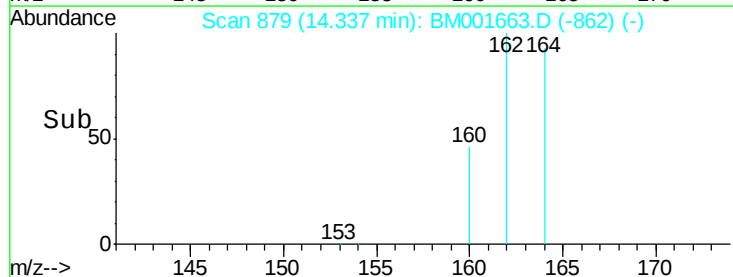
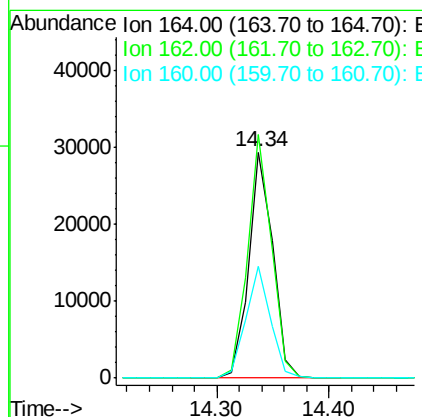
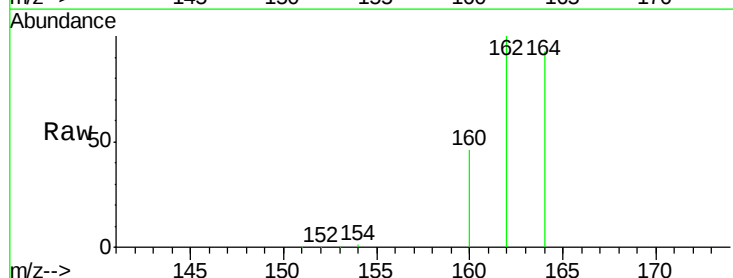
Instrument :
BNA_M
ClientSampleId :

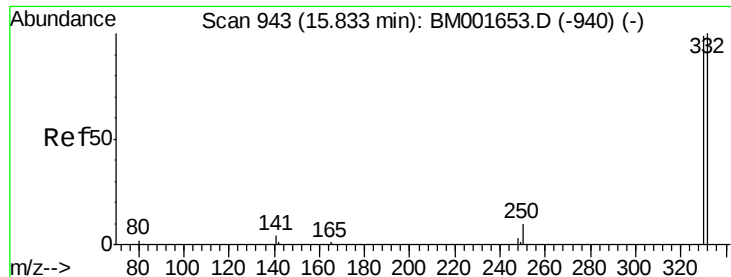
Tgt Ion:142 Resp: 29958
Ion Ratio Lower Upper
142 100
141 94.0 65.8 98.6
115 43.9 27.0 40.6#



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.34 min Scan# 879
Delta R.T. 0.00 min
Lab File: BM001663.D
Acq: 12 Jun 2015 06:03

Tgt Ion:164 Resp: 43603
Ion Ratio Lower Upper
164 100
162 107.8 89.0 133.4
160 49.4 42.6 63.8

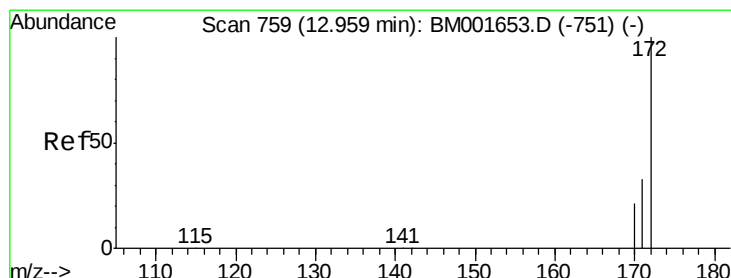
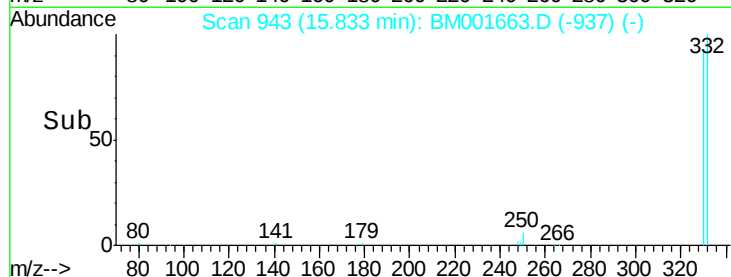
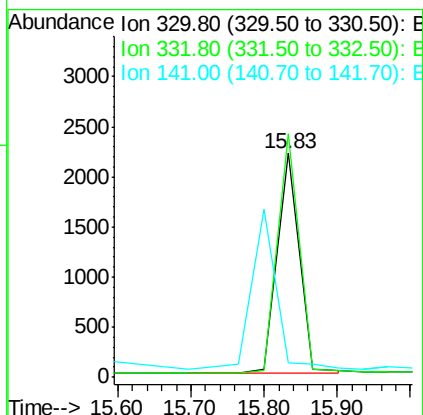
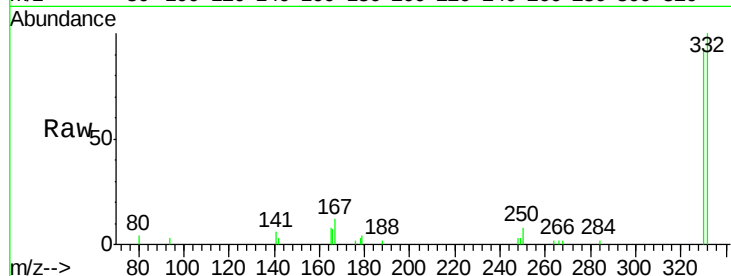




#13
 2,4,6-Tribromophenol
 Concen: 2.93 ng
 RT: 15.83 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BM001663.D
 Acq: 12 Jun 2015 06:03

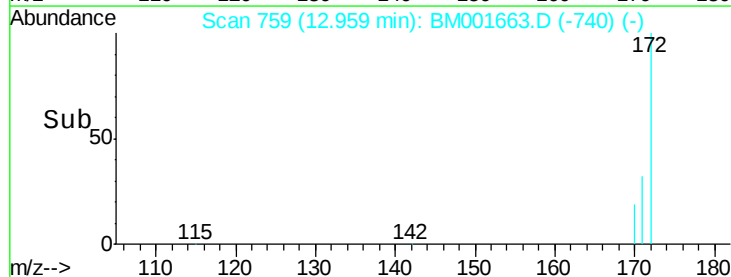
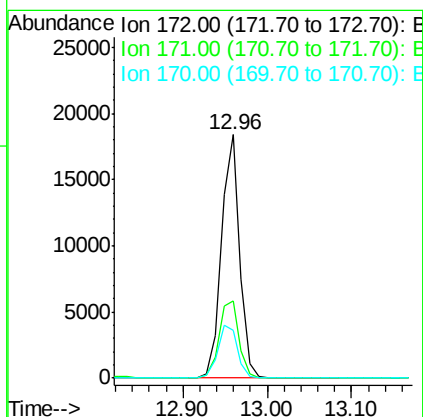
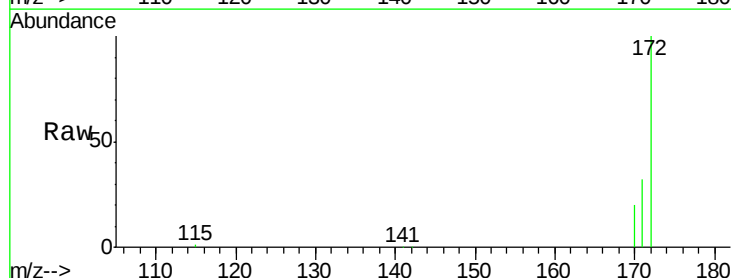
Instrument :
 BNA_M
 ClientSampleId :

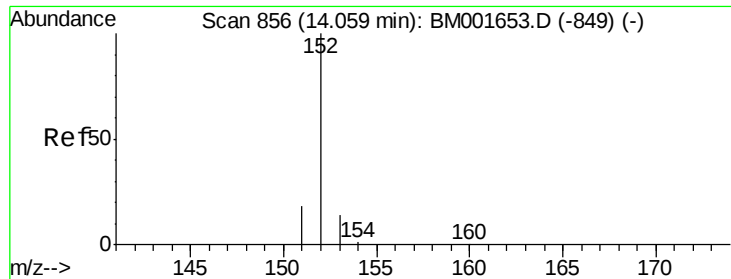
Tgt Ion:330 Resp: 4645
 Ion Ratio Lower Upper
 330 100
 332 107.7 80.6 120.8
 141 0.0 0.0 0.0



#14
 2-Fluorobiphenyl
 Concen: 1.82 ng
 RT: 12.96 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BM001663.D
 Acq: 12 Jun 2015 06:03

Tgt Ion:172 Resp: 27734
 Ion Ratio Lower Upper
 172 100
 171 32.0 26.6 40.0
 170 19.7 17.1 25.7

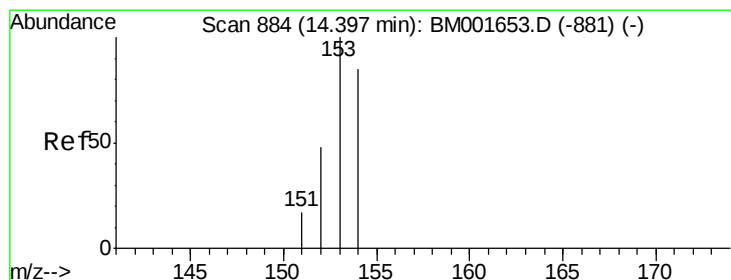
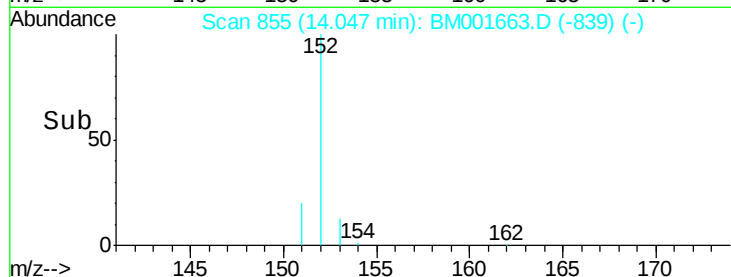
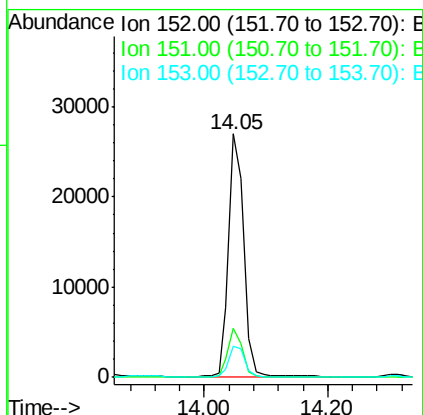
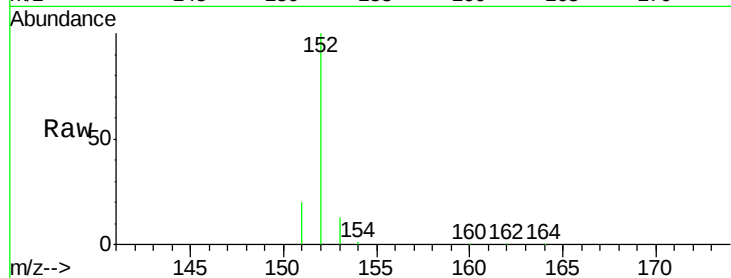




#15
Acenaphthylene
Concen: 2.25 ng
RT: 14.05 min Scan# 855
Delta R.T. -0.01 min
Lab File: BM001663.D
Acq: 12 Jun 2015 06:03

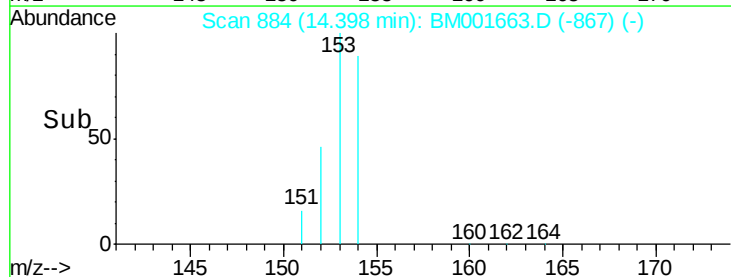
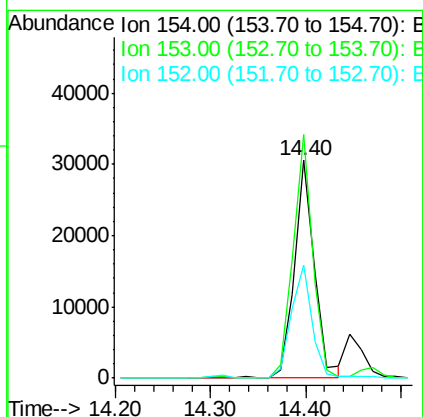
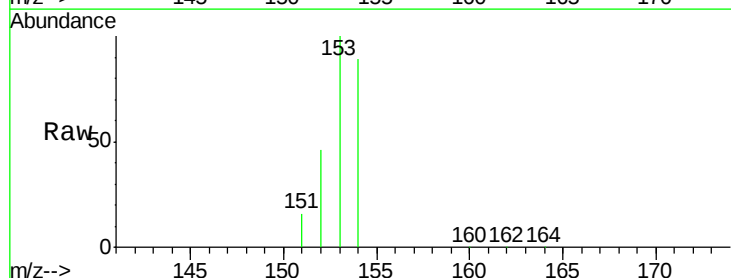
Instrument :
BNA_M
ClientSampleId :

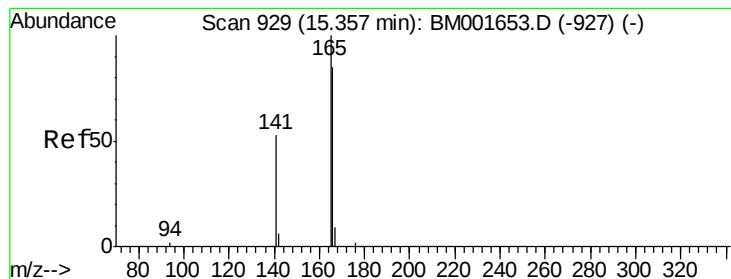
Tgt Ion:152 Resp: 45816
Ion Ratio Lower Upper
152 100
151 19.3 15.5 23.3
153 13.4 10.2 15.4



#16
Acenaphthene
Concen: 3.43 ng
RT: 14.40 min Scan# 884
Delta R.T. 0.00 min
Lab File: BM001663.D
Acq: 12 Jun 2015 06:03

Tgt Ion:154 Resp: 44442
Ion Ratio Lower Upper
154 100
153 108.8 91.0 136.6
152 52.7 43.8 65.8





#17

Fluorene

Concen: 4.11 ng

RT: 15.36 min Scan# 929

Delta R.T. 0.00 min

Lab File: BM001663.D

Acq: 12 Jun 2015 06:03

Instrument :

BNA_M

ClientSampleId :

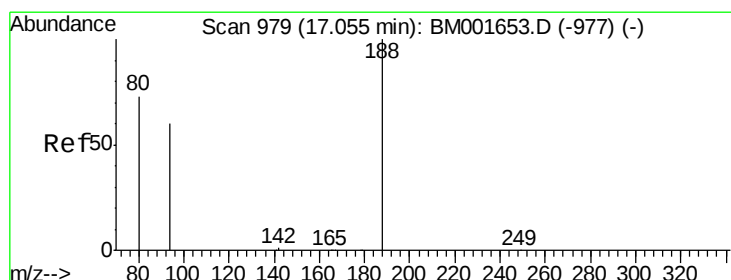
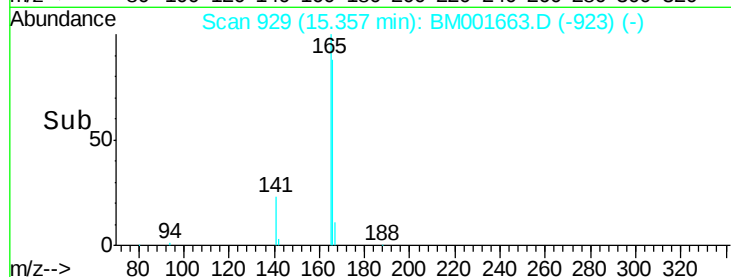
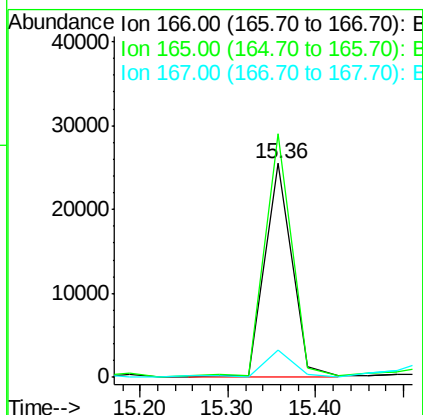
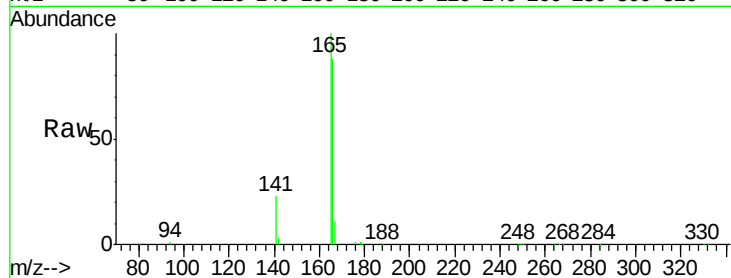
Tgt Ion:166 Resp: 54429

Ion Ratio Lower Upper

166 100

165 112.0 90.7 136.1

167 14.6 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: BM001663.D

Acq: 12 Jun 2015 06:03

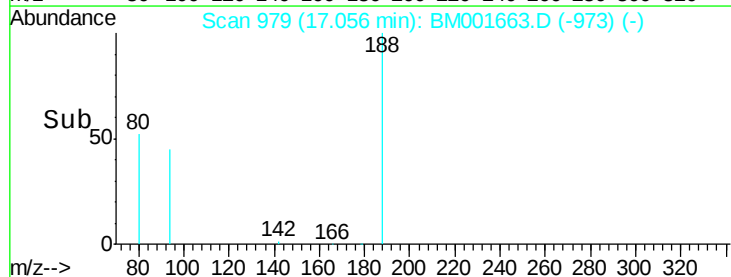
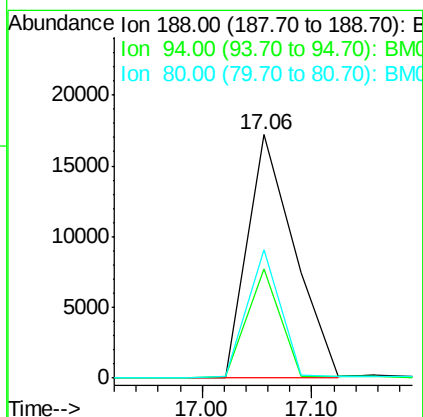
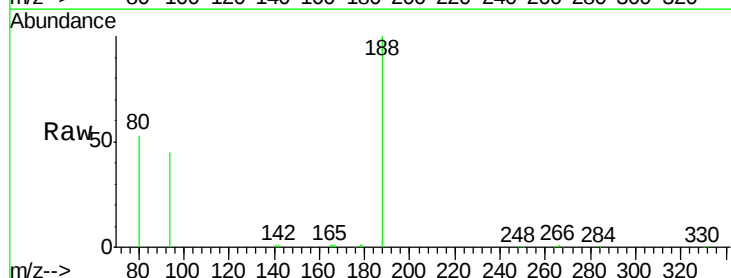
Tgt Ion:188 Resp: 50218

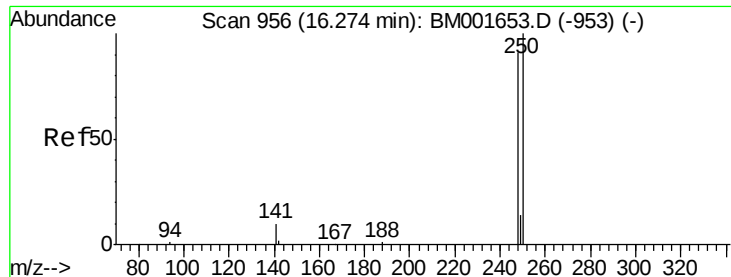
Ion Ratio Lower Upper

188 100

94 45.1 48.3 72.5#

80 52.5 58.6 88.0#

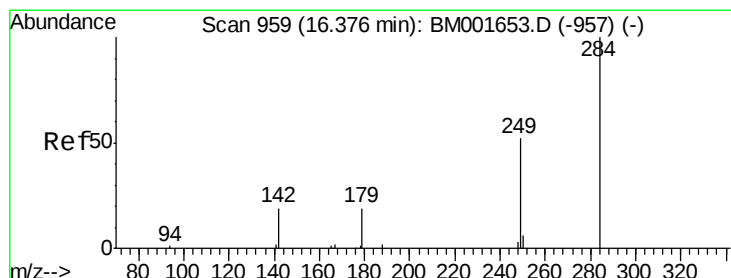
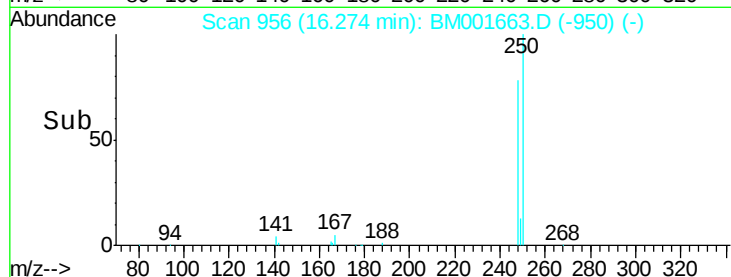
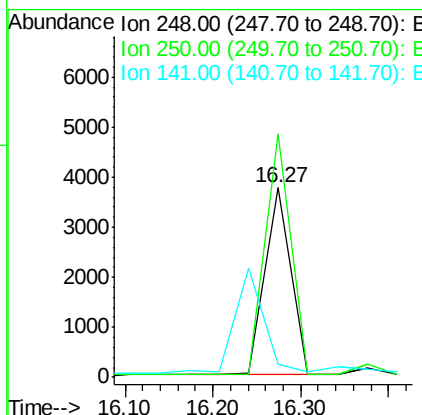
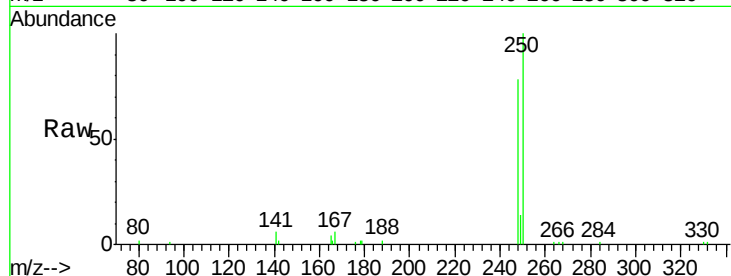




#19
4-Bromophenyl-phenylether
Concen: 1.54 ng
RT: 16.27 min Scan# 956
Delta R.T. 0.00 min
Lab File: BM001663.D
Acq: 12 Jun 2015 06:03

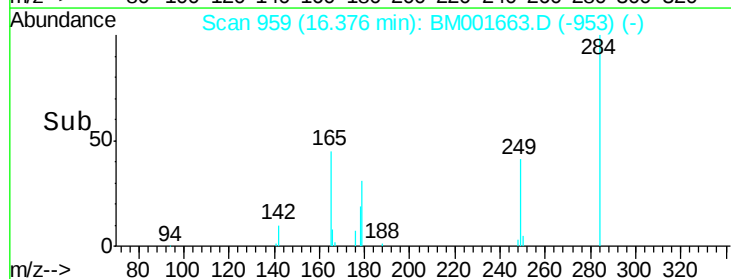
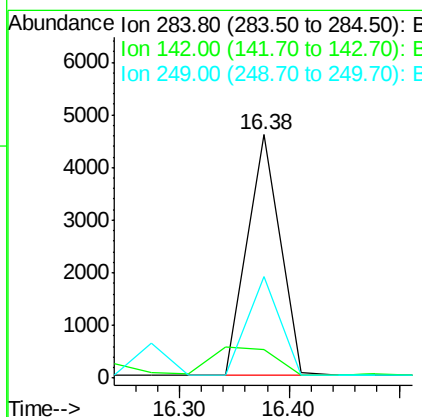
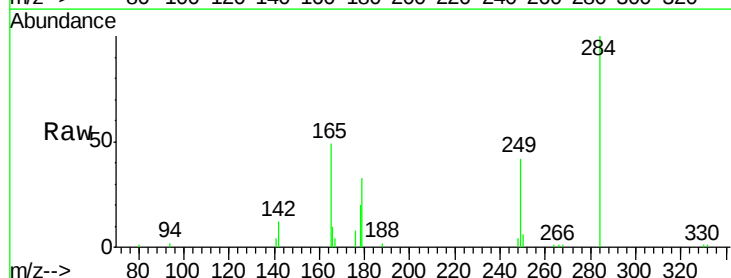
Instrument :
BNA_M
ClientSampleId :

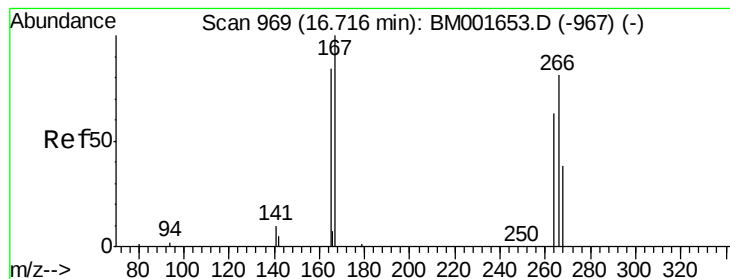
Tgt Ion:248 Resp: 7776
Ion Ratio Lower Upper
248 100
250 127.3 87.5 131.3
141 0.0 0.0 0.0



#20
Hexachlorobenzene
Concen: 2.07 ng
RT: 16.38 min Scan# 959
Delta R.T. 0.00 min
Lab File: BM001663.D
Acq: 12 Jun 2015 06:03

Tgt Ion:284 Resp: 9469
Ion Ratio Lower Upper
284 100
142 0.0 21.5 32.3#
249 53.8 53.8 80.6





#21

Pentachlorophenol

Concen: 21.82 ng

RT: 16.72 min Scan# 969

Delta R.T. 0.00 min

Lab File: BM001663.D

Acq: 12 Jun 2015 06:03

Instrument :

BNA_M

ClientSampled :

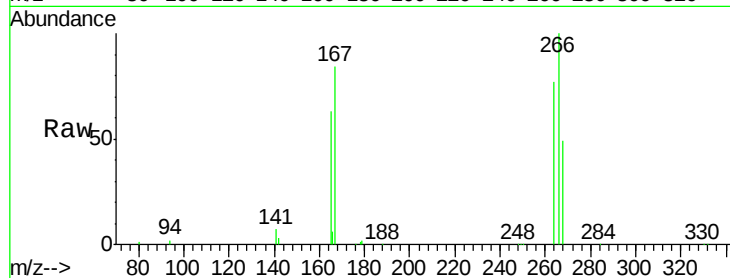
Tgt Ion:266 Resp: 40134

Ion Ratio Lower Upper

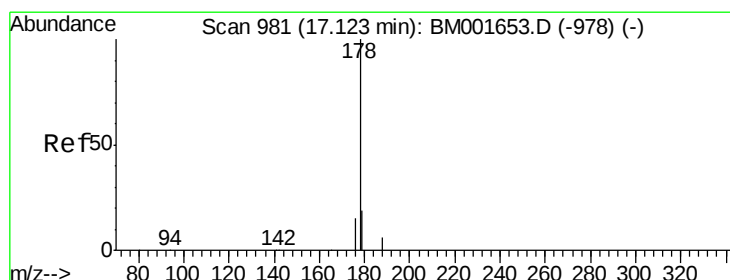
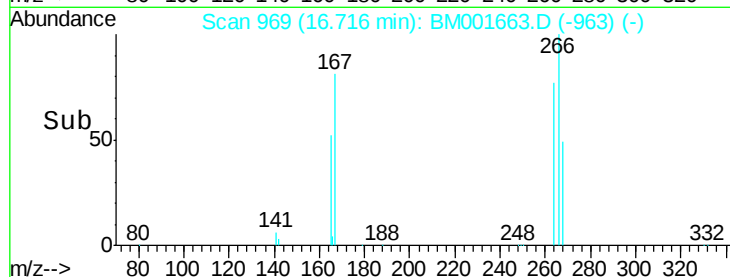
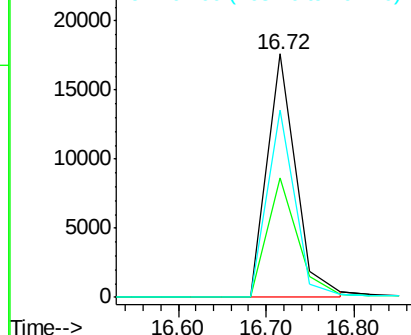
266 100

268 48.9 43.3 64.9

264 77.2 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: 14.90 ng

RT: 17.12 min Scan# 981

Delta R.T. 0.00 min

Lab File: BM001663.D

Acq: 12 Jun 2015 06:03

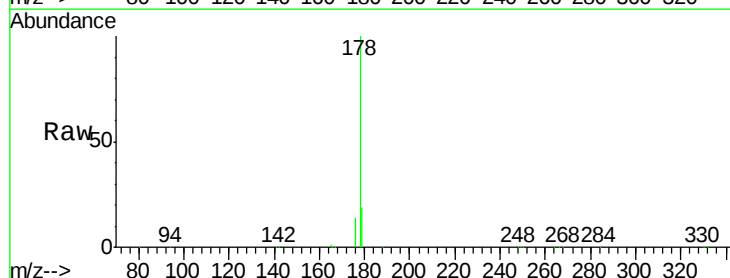
Tgt Ion:178 Resp: 245440

Ion Ratio Lower Upper

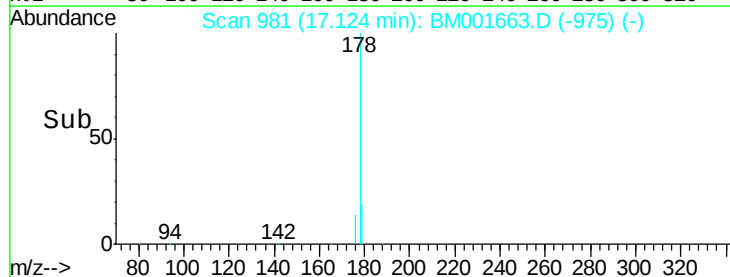
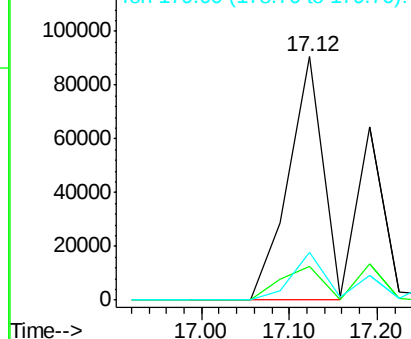
178 100

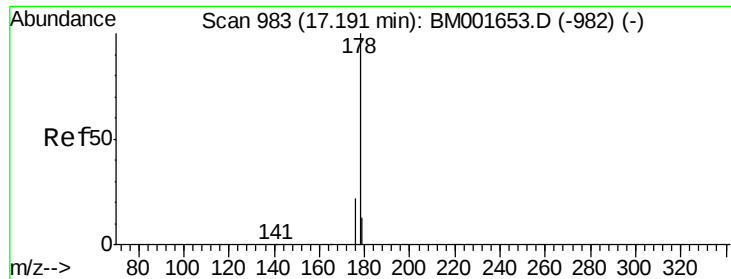
176 17.2 0.0 0.0#

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

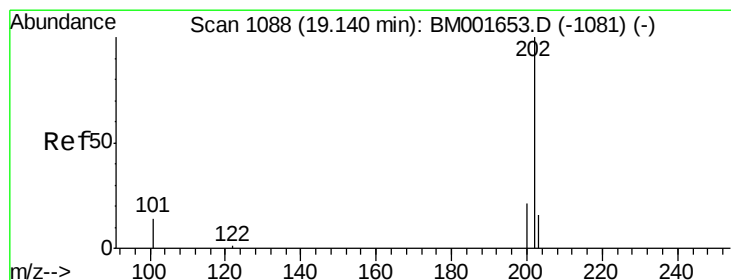
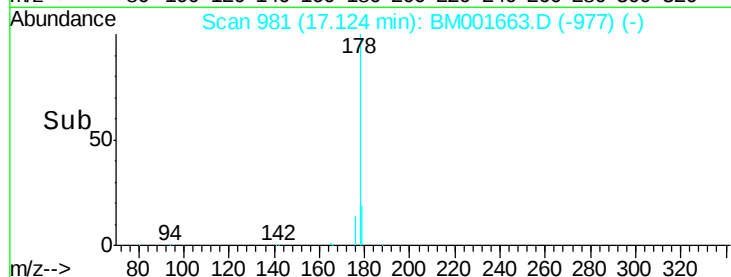
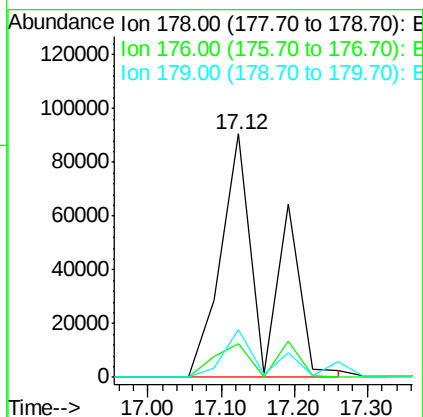
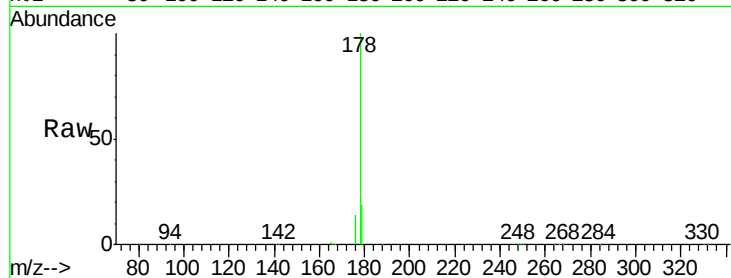




#23
 Anthracene
 Concen: 19.88 ng
 RT: 17.12 min Scan# 981
 Delta R.T. -0.07 min
 Lab File: BM001663.D
 Acq: 12 Jun 2015 06:03

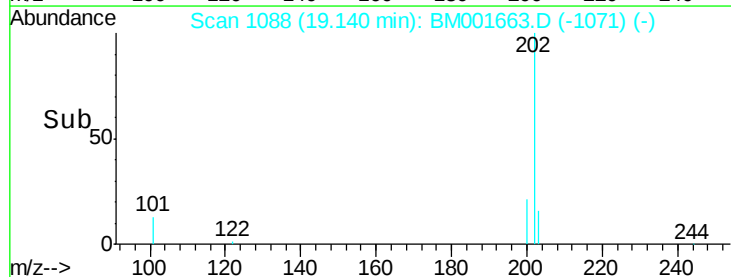
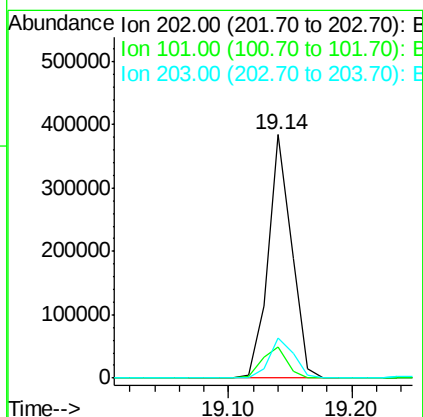
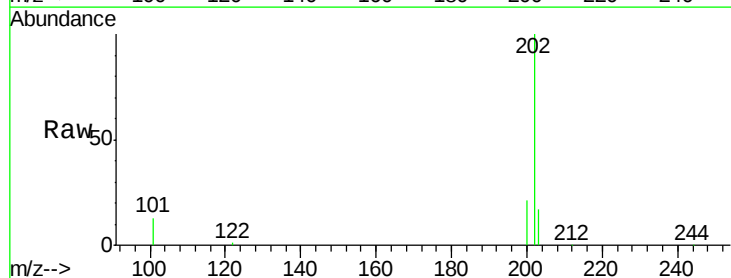
Instrument :
 BNA_M
 ClientSampleId :

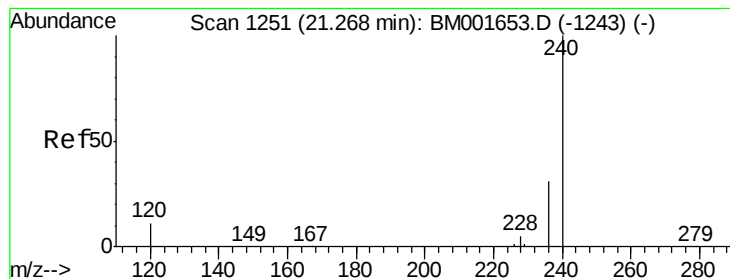
Tgt Ion:178 Resp: 386993
 Ion Ratio Lower Upper
 178 100
 176 0.0 0.0 0.0
 179 16.6 21.4 32.0#



#24
 Fluoranthene
 Concen: 21.08 ng
 RT: 19.14 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: BM001663.D
 Acq: 12 Jun 2015 06:03

Tgt Ion:202 Resp: 514287
 Ion Ratio Lower Upper
 202 100
 101 13.4 10.8 16.2
 203 17.4 13.8 20.8





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.27 min Scan# 1251

Delta R.T. 0.00 min

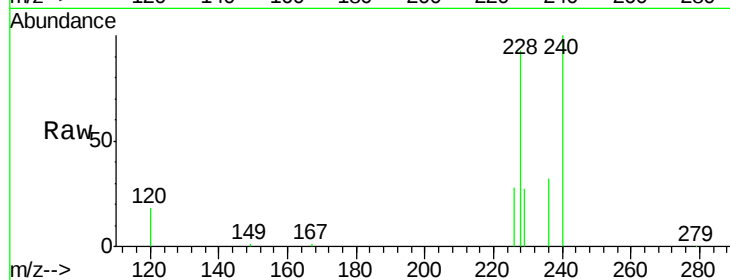
Lab File: BM001663.D

Acq: 12 Jun 2015 06:03

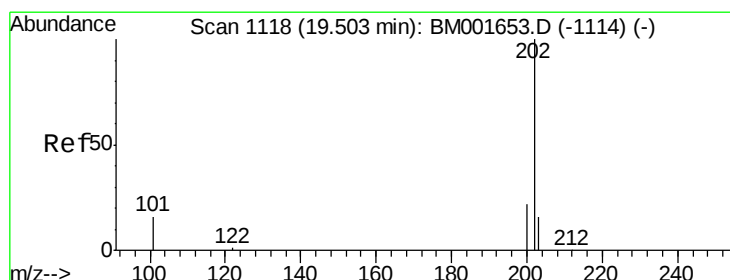
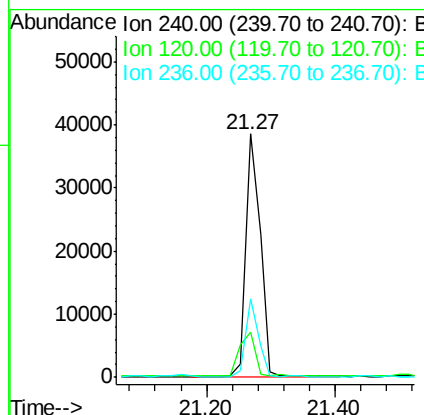
Instrument :

BNA_M

ClientSampleId :



Tgt Ion:	240	Resp:	59504
Ion Ratio	Lower	Upper	
240	100		
120	18.3	8.9	13.3#
236	32.1	24.6	36.8



#26

Pyrene

Concen: 23.44 ng

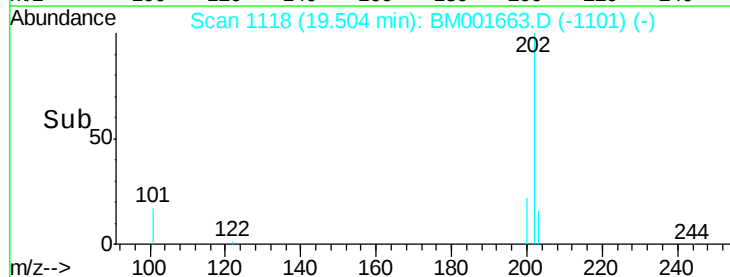
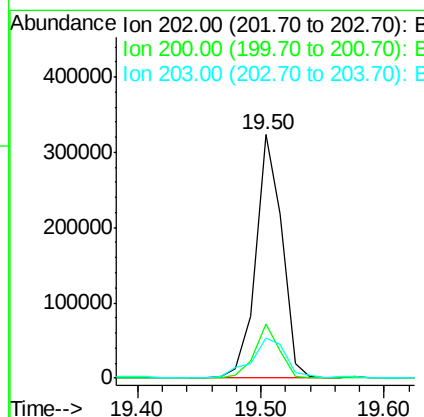
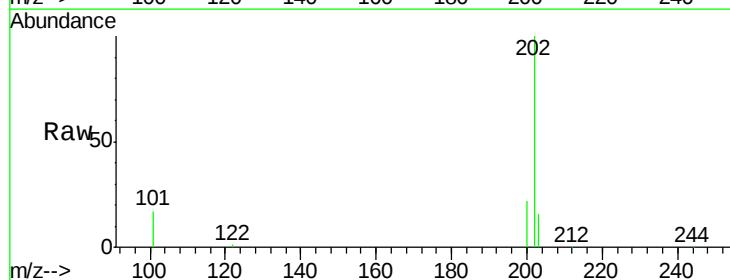
RT: 19.50 min Scan# 1118

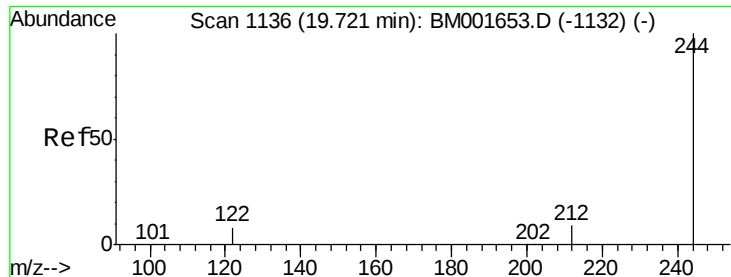
Delta R.T. 0.00 min

Lab File: BM001663.D

Acq: 12 Jun 2015 06:03

Tgt Ion:	202	Resp:	478811
Ion Ratio	Lower	Upper	
202	100		
200	20.9	16.6	24.8
203	21.9	13.8	20.8#

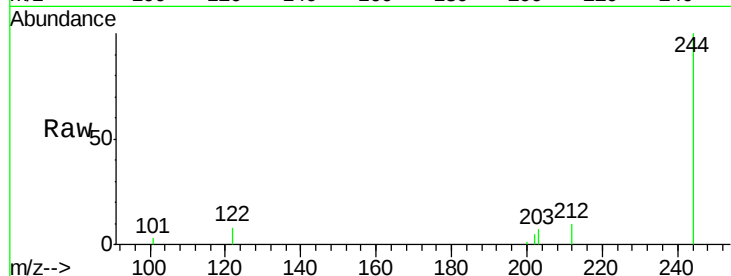




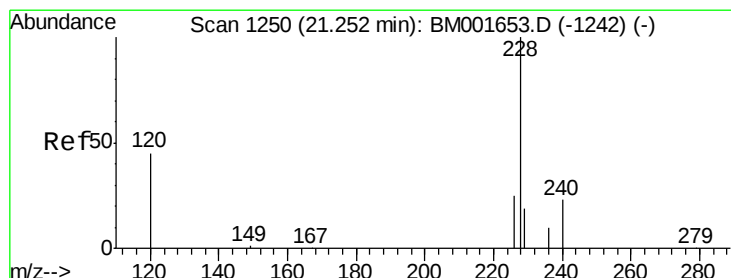
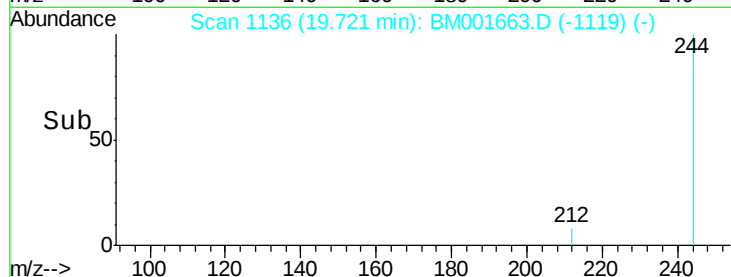
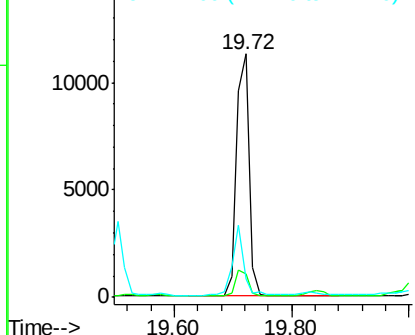
#27
 Terphenyl-d14
 Concen: 1.90 ng
 RT: 19.72 min Scan# 1136
 Delta R.T. 0.00 min
 Lab File: BM001663.D
 Acq: 12 Jun 2015 06:03

Instrument :
 BNA_M
 ClientSampled :

Tgt Ion: 244 Resp: 17076
 Ion Ratio Lower Upper
 244 100
 212 9.6 7.7 11.5
 122 7.8 6.9 10.3

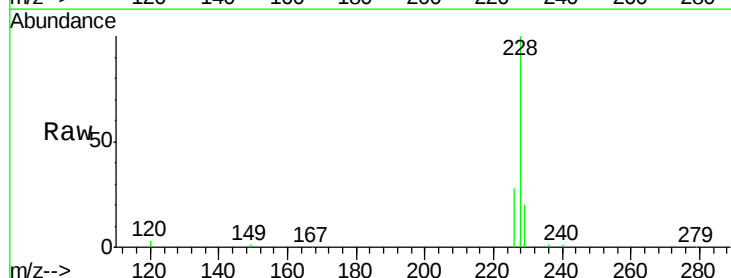


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

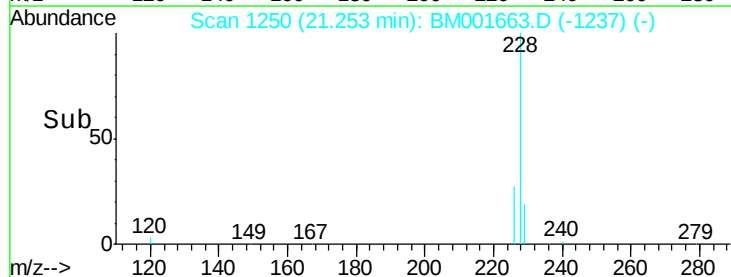
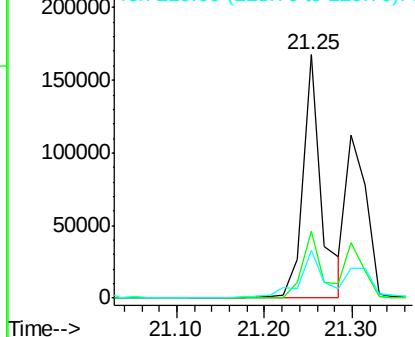


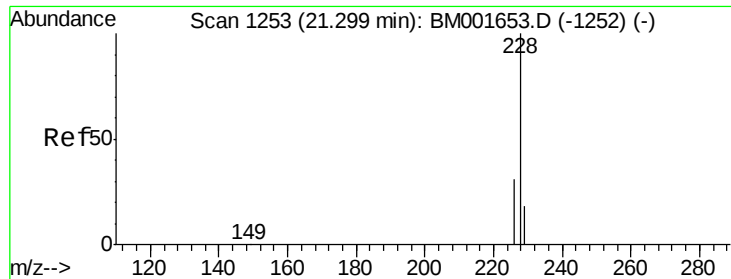
#28
 Benzo(a)anthracene
 Concen: 12.97 ng
 RT: 21.25 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BM001663.D
 Acq: 12 Jun 2015 06:03

Tgt Ion: 228 Resp: 242404
 Ion Ratio Lower Upper
 228 100
 226 27.6 20.2 30.4
 229 19.6 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: 9.94 ng

RT: 21.30 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BM001663.D

Acq: 12 Jun 2015 06:03

Instrument :

BNA_M

ClientSampleId :

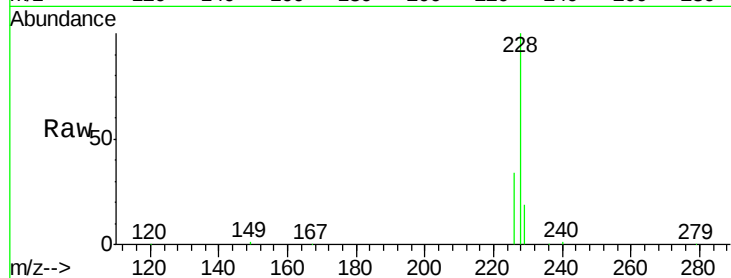
Tgt Ion:228 Resp: 177818

Ion Ratio Lower Upper

228 100

226 34.4 25.8 38.8

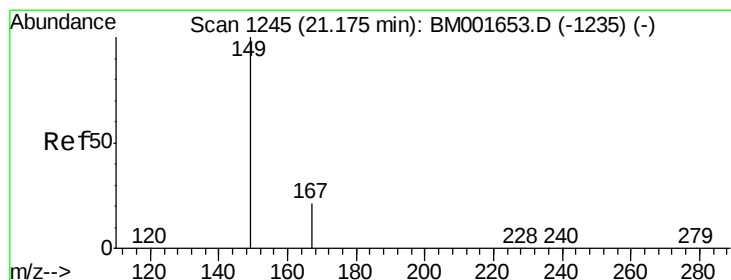
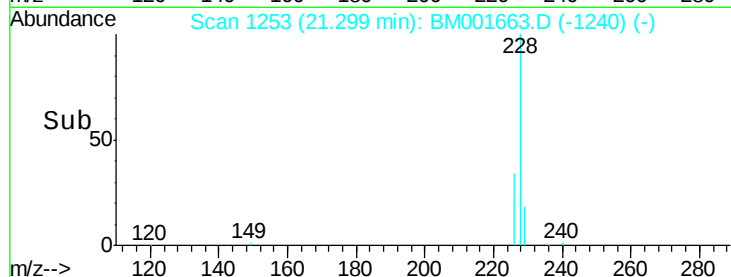
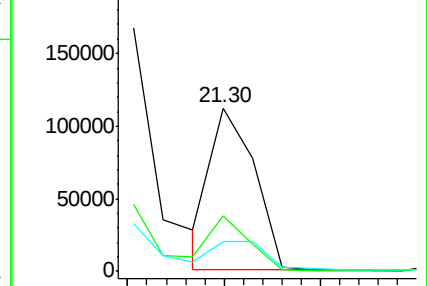
229 18.7 14.1 21.1



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: 2.08 ng

RT: 21.18 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BM001663.D

Acq: 12 Jun 2015 06:03

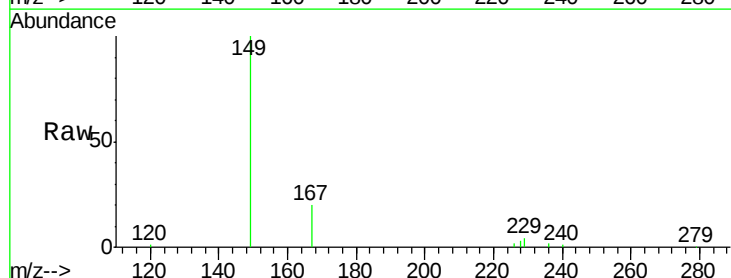
Tgt Ion:149 Resp: 25978

Ion Ratio Lower Upper

149 100

167 25.0 20.2 30.2

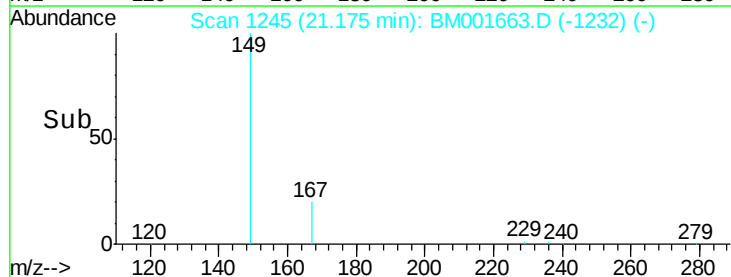
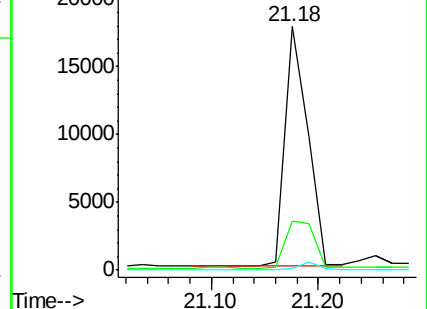
279 2.1 1.7 2.5

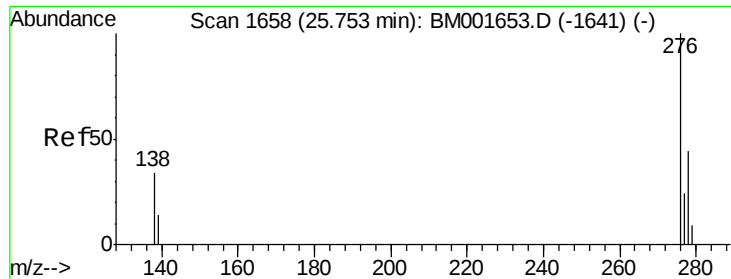


Abundance Ion 149.00 (148.70 to 149.70): E

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: 7.69 ng

RT: 25.75 min Scan# 1658

Delta R.T. 0.00 min

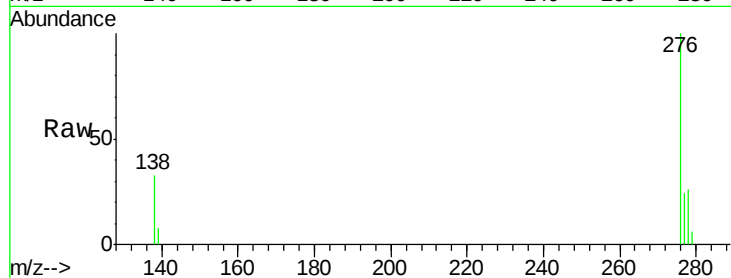
Lab File: BM001663.D

Acq: 12 Jun 2015 06:03

Instrument :

BNA_M

ClientSampleId :



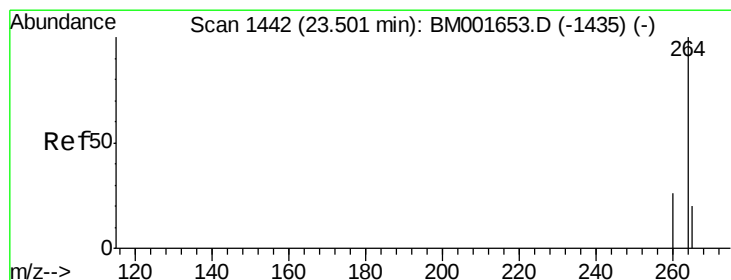
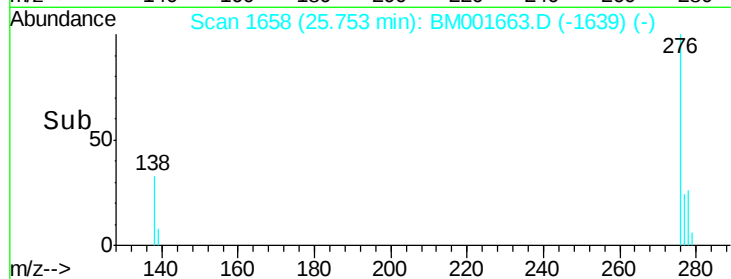
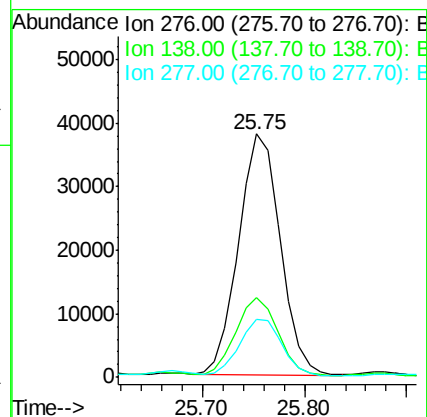
Tgt Ion: 276 Resp: 108062

Ion Ratio Lower Upper

276 100

138 32.6 28.8 43.2

277 24.1 19.6 29.4



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.51 min Scan# 1443

Delta R.T. 0.01 min

Lab File: BM001663.D

Acq: 12 Jun 2015 06:03

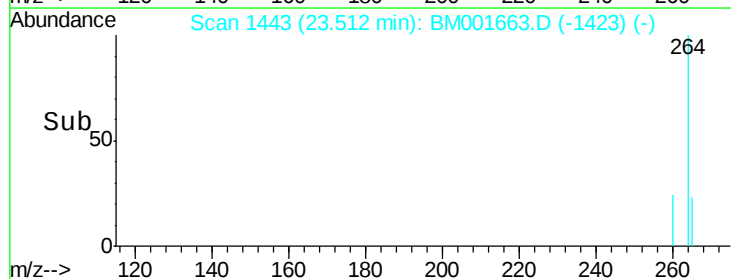
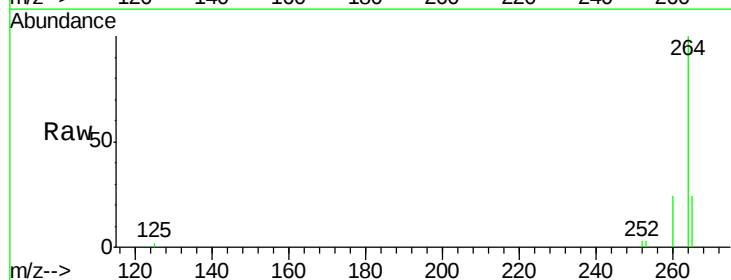
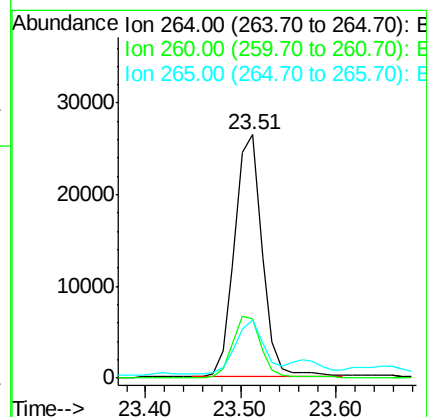
Tgt Ion: 264 Resp: 53521

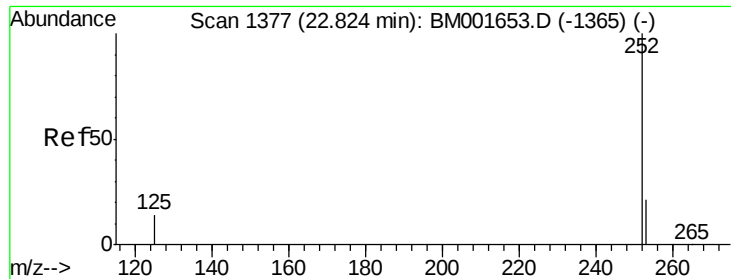
Ion Ratio Lower Upper

264 100

260 24.3 20.8 31.2

265 23.8 16.9 25.3

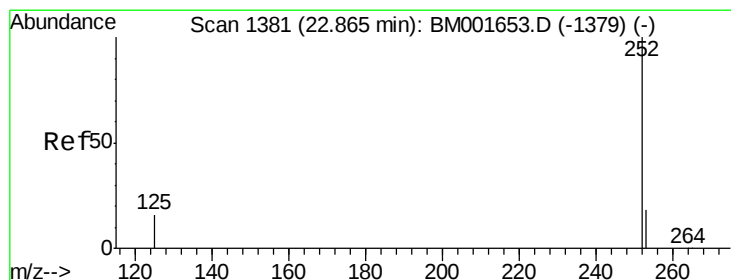
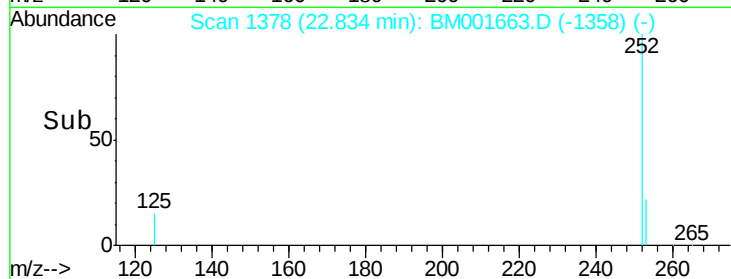
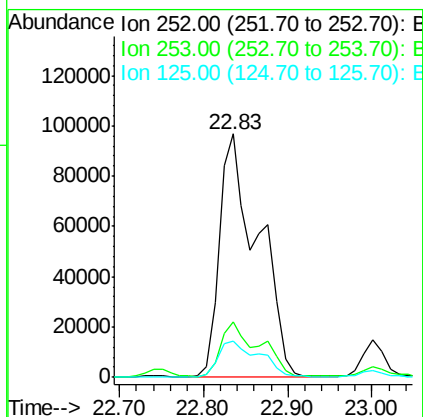
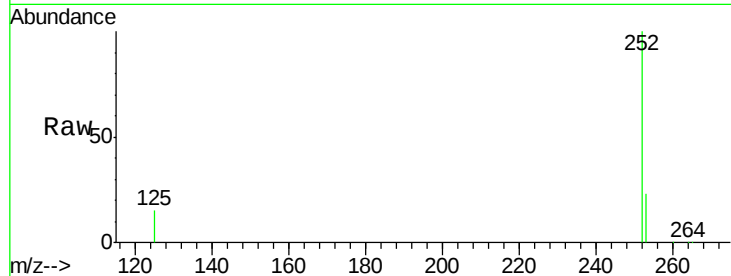




#33
Benzo(b)fluoranthene
Concen: 17.56 ng
RT: 22.83 min Scan# 1378
Delta R.T. 0.01 min
Lab File: BM001663.D
Acq: 12 Jun 2015 06:03

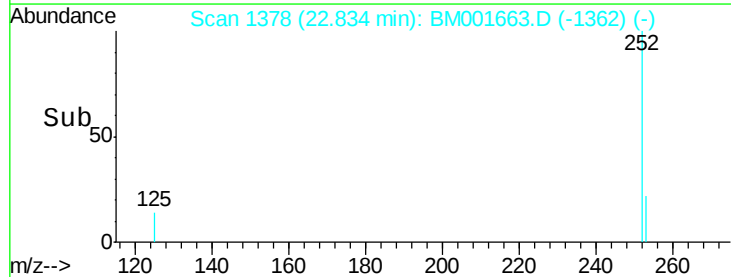
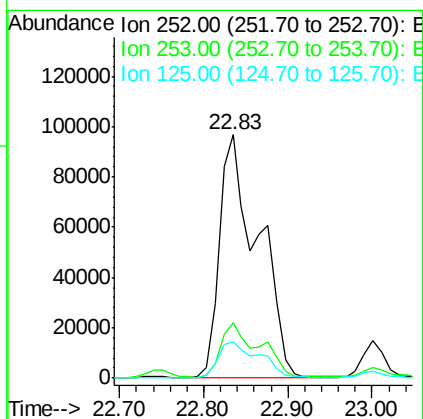
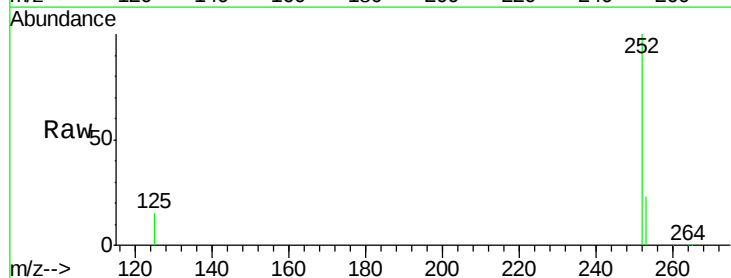
Instrument :
BNA_M
ClientSampleId :

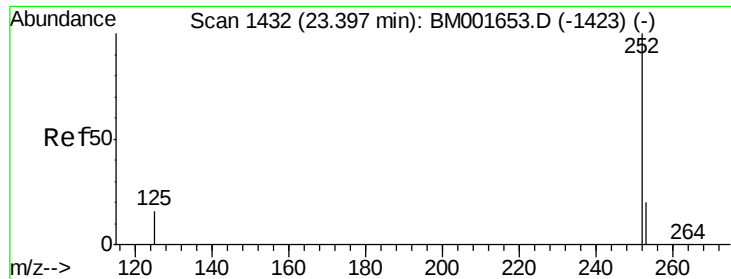
Tgt Ion:252 Resp: 306581
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 14.9 12.0 18.0



#34
Benzo(k)fluoranthene
Concen: 18.08 ng
RT: 22.83 min Scan# 1378
Delta R.T. -0.03 min
Lab File: BM001663.D
Acq: 12 Jun 2015 06:03

Tgt Ion:252 Resp: 306581
Ion Ratio Lower Upper
252 100
253 22.8 17.0 25.6
125 14.9 12.5 18.7





#35

Benzo(a)pyrene

Concen: 11.14 ng

RT: 23.41 min Scan# 1433

Delta R.T. 0.01 min

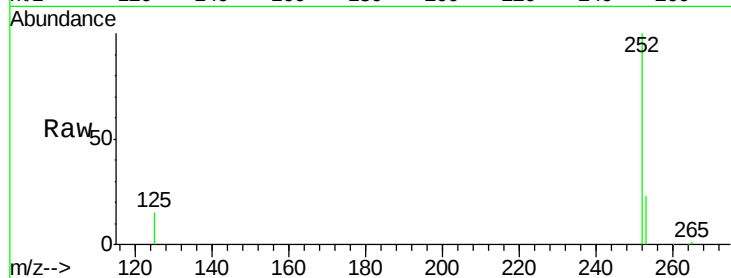
Lab File: BM001663.D

Acq: 12 Jun 2015 06:03

Instrument :

BNA_M

ClientSampleId :



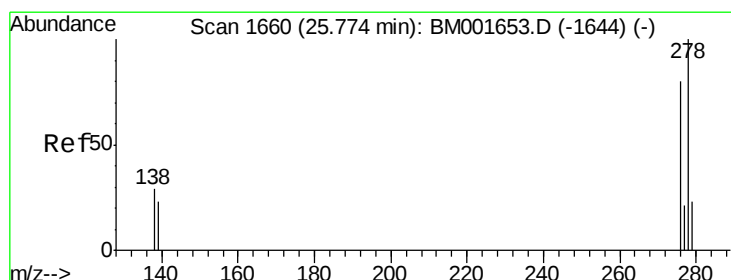
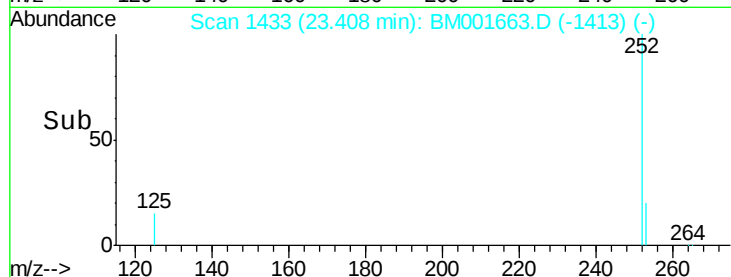
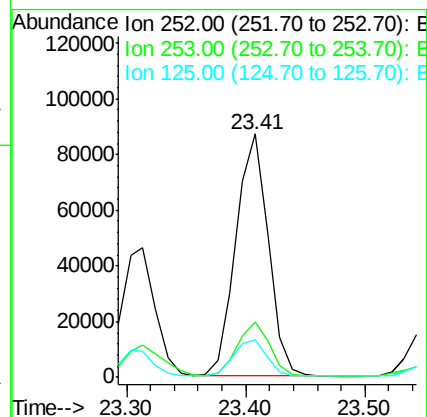
Tgt Ion:252 Resp: 162090

Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.0

125 15.5 14.0 21.0



#36

Dibenzo(a,h)anthracene

Concen: 3.47 ng

RT: 25.77 min Scan# 1660

Delta R.T. 0.00 min

Lab File: BM001663.D

Acq: 12 Jun 2015 06:03

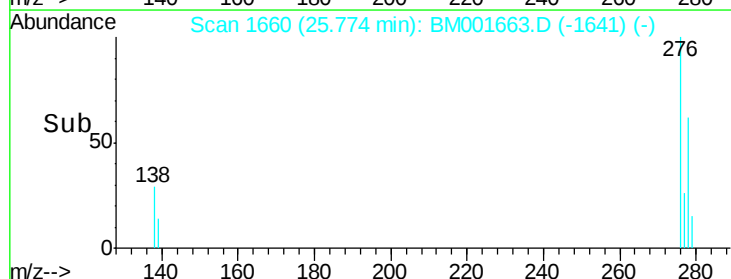
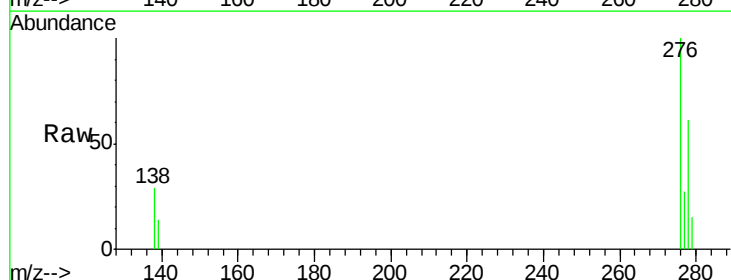
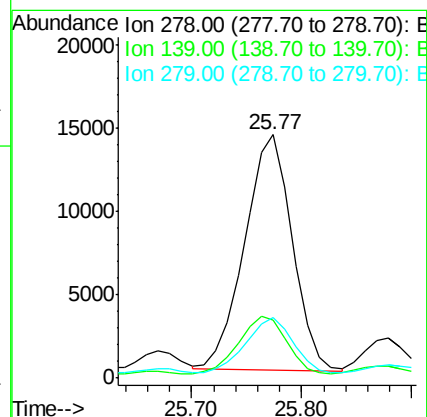
Tgt Ion:278 Resp: 42413

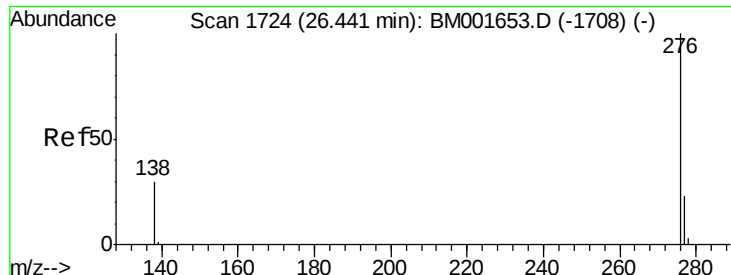
Ion Ratio Lower Upper

278 100

139 23.6 19.1 28.7

279 24.8 19.7 29.5





#37

Benzo(g,h,i)perylene

Concen: 8.17 ng

RT: 26.45 min Scan# 1725

Delta R.T. 0.01 min

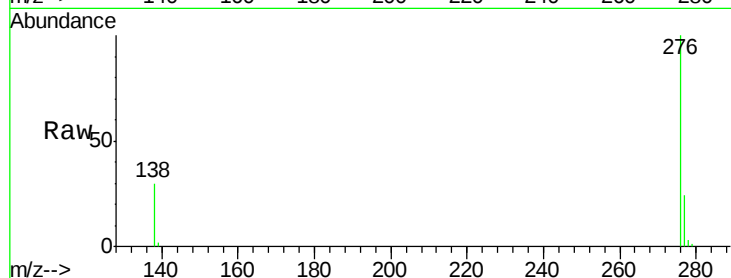
Lab File: BM001663.D

Acq: 12 Jun 2015 06:03

Instrument :

BNA_M

ClientSampleId :



Tgt Ion: 276 Resp: 101703

Ion Ratio Lower Upper

276 100

277 24.0 19.3 28.9

138 30.0 25.0 37.4

