

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061215\
 Data File : BM001655.D
 Acq On : 11 Jun 2015 23:24
 Operator : TP/IZ
 Sample : SSTDICC0.5
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.5

Quant Time: Jun 12 02:09:56 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 02:07:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	16684	5.00	ng	0.00
6) Naphthalene-d8	10.47	136	62120	5.00	ng	0.00
12) Acenaphthene-d10	14.34	164	31706	5.00	ng	0.00
18) Phenanthrene-d10	17.06	188	41765	5.00	ng	0.00
25) Chrysene-d12	21.27	240	62215	5.00	ng	0.00
32) Perylene-d12	23.51	264	50437	5.00	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	1839	0.48	ng	0.00
5) Phenol-d6	6.84	99	2280	0.49	ng	0.00
7) Nitrobenzene-d5	8.85	82	2173	0.49	ng	0.00
13) 2,4,6-Tribromophenol	15.83	330	558	0.44	ng	0.00
14) 2-Fluorobiphenyl	12.96	172	5259	0.51	ng	0.00
27) Terphenyl-d14	19.72	244	4290	0.52	ng	0.00

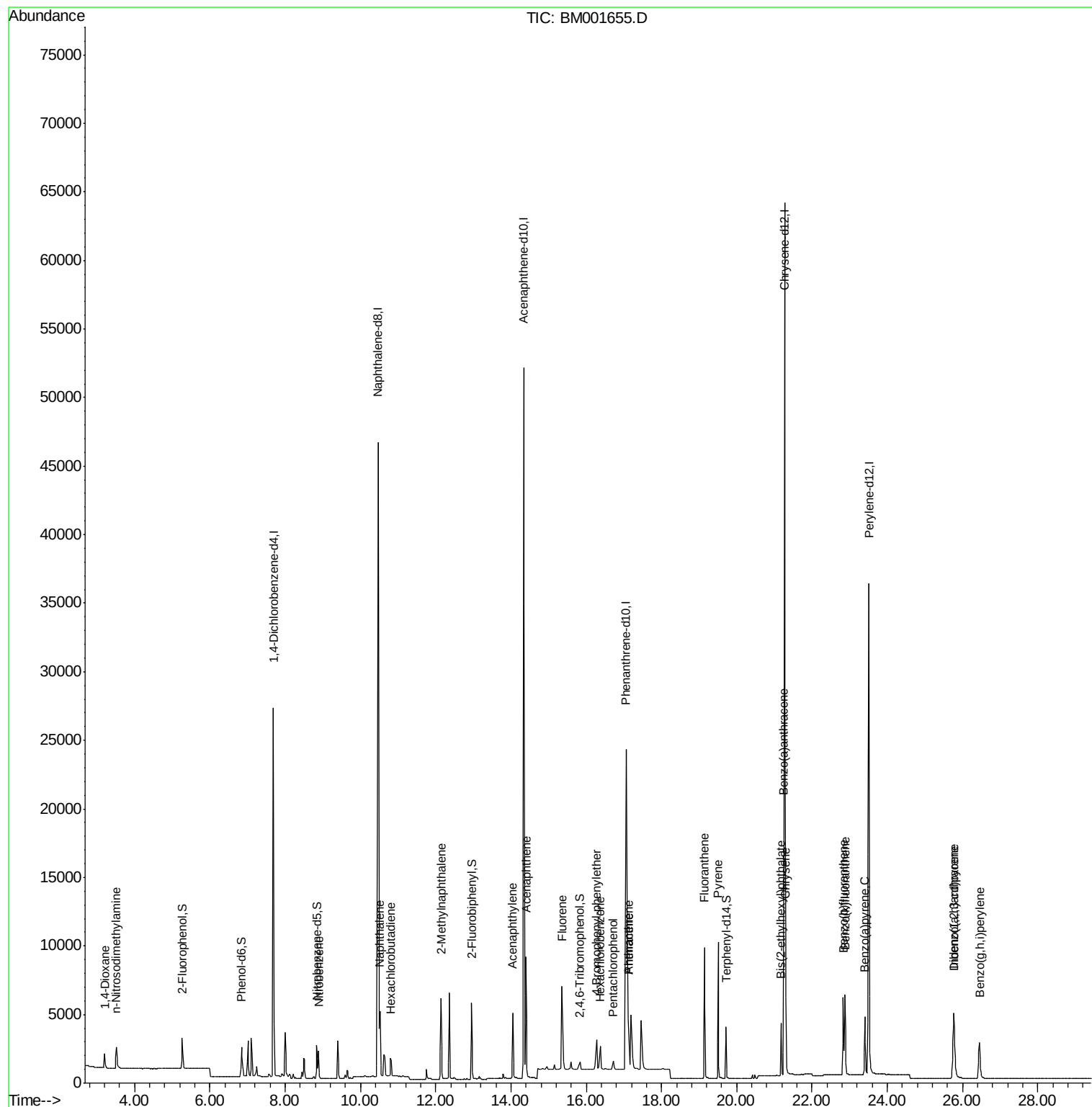
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.21	88	963	0.52	ng	97
3) n-Nitrosodimethylamine	3.51	42	1377	0.52	ng	# 98
8) Nitrobenzene	8.89	77	2298	0.48	ng	100
9) Naphthalene	10.52	128	7169	0.51	ng	98
10) Hexachlorobutadiene	10.80	225	1186	0.50	ng	99
11) 2-Methylnaphthalene	12.15	142	4605	0.53	ng	98
15) Acenaphthylene	14.05	152	6677	0.47	ng	100
16) Acenaphthene	14.40	154	4448	0.50	ng	99
17) Fluorene	15.36	166	4659	0.71	ng	100
19) 4-Bromophenyl-phenylether	16.27	248	1844	0.46	ng	# 98
20) Hexachlorobenzene	16.38	284	1716	0.70	ng	100
21) Pentachlorophenol	16.72	266	406	0.53	ng	94
22) Phenanthrene	17.12	178	5982	0.42	ng	# 100
23) Anthracene	17.12	178	5914	0.59	ng	# 87
24) Fluoranthene	19.14	202	9243	0.55	ng	100
26) Pyrene	19.50	202	9697	0.48	ng	100
28) Benzo(a)anthracene	21.25	228	8647	0.47	ng	97
29) Chrysene	21.30	228	8873	0.51	ng	97
30) Bis(2-ethylhexyl)phthalate	21.18	149	4997	0.47	ng	100
31) Indeno(1,2,3-cd)pyrene	25.76	276	6491	0.38	ng	100
33) Benzo(b)fluoranthene	22.82	252	8159	0.53	ng	98
34) Benzo(k)fluoranthene	22.88	252	6874	0.47	ng	96
35) Benzo(a)pyrene	23.41	252	6232	0.47	ng	96
36) Dibenzo(a,h)anthracene	25.77	278	5084	0.42	ng	95
37) Benzo(g,h,i)perylene	26.45	276	5650	0.43	ng	97

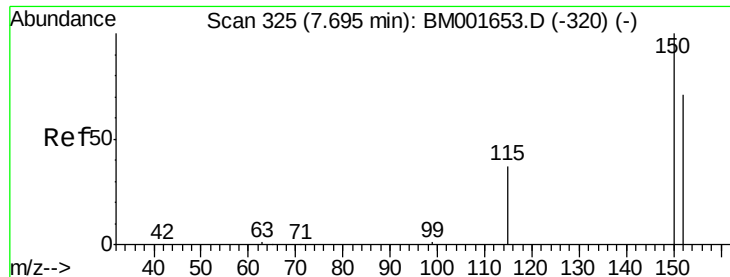
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.69 min Scan# 325

Delta R.T. -0.00 min

Lab File: BM001655.D

Acq: 11 Jun 2015 23:24

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

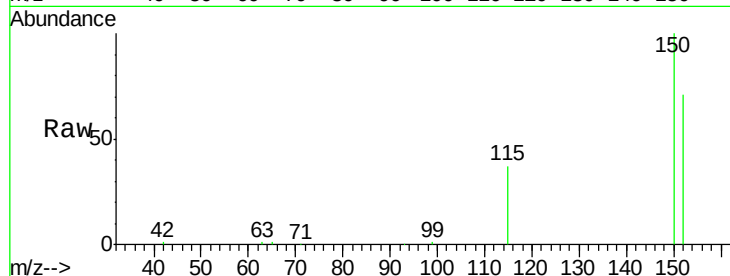
Tgt Ion:152 Resp: 16684

Ion Ratio Lower Upper

152 100

150 140.1 112.2 168.2

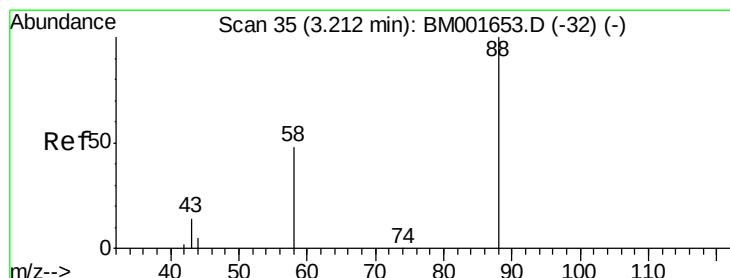
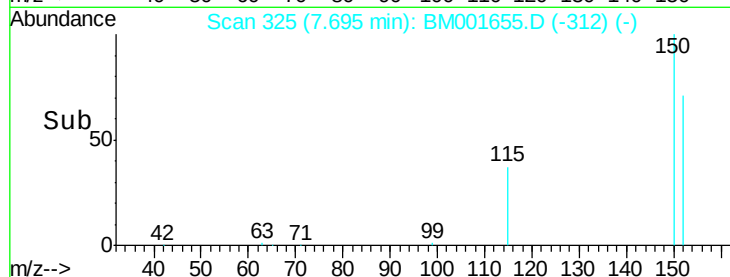
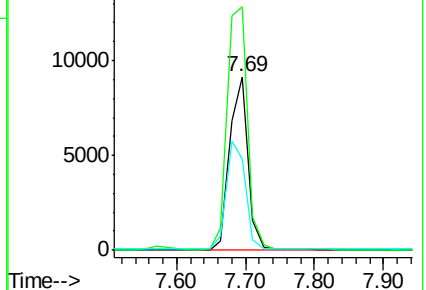
115 52.2 41.7 62.5



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: 0.52 ng

RT: 3.21 min Scan# 35

Delta R.T. -0.00 min

Lab File: BM001655.D

Acq: 11 Jun 2015 23:24

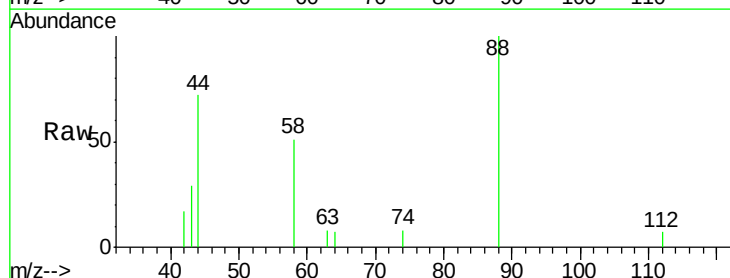
Tgt Ion: 88 Resp: 963

Ion Ratio Lower Upper

88 100

58 84.6 70.5 105.7

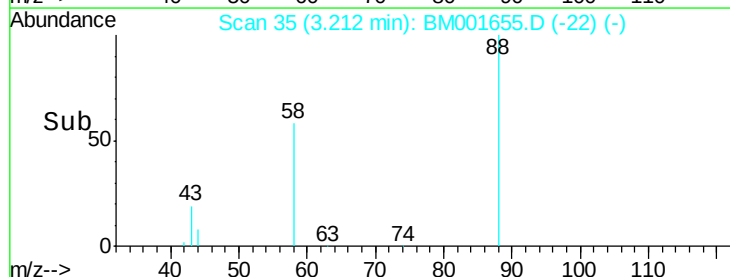
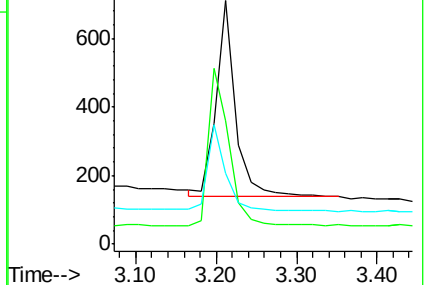
43 43.0 33.3 49.9

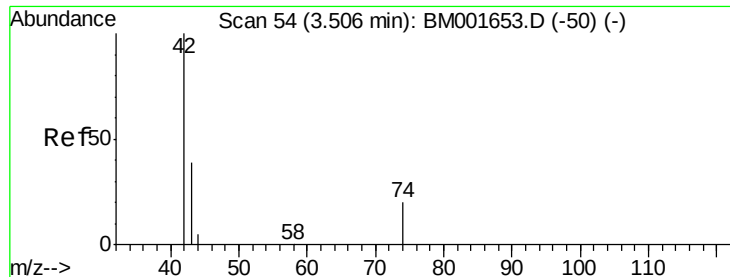


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.52 ng

RT: 3.51 min Scan# 54

Delta R.T. -0.00 min

Lab File: BM001655.D

Acq: 11 Jun 2015 23:24

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

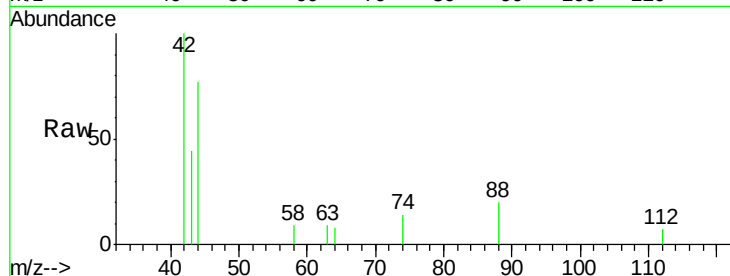
Tgt Ion: 42 Resp: 1377

Ion Ratio Lower Upper

42 100

74 96.2 75.7 113.5

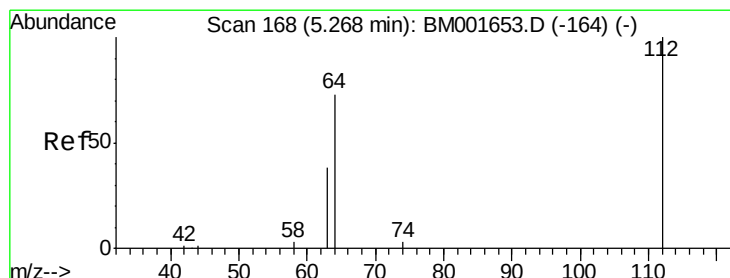
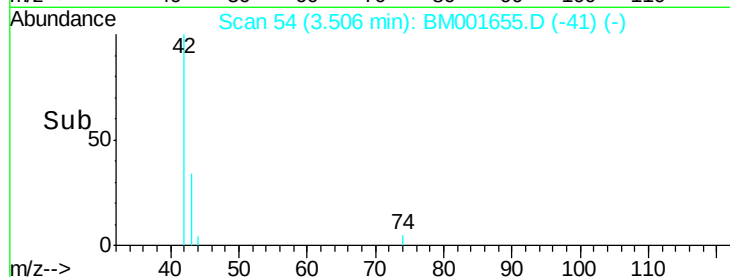
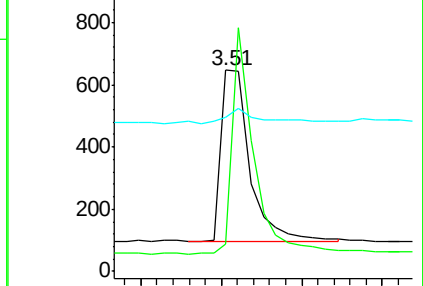
44 11.8 6.7 10.1#



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: 0.48 ng

RT: 5.27 min Scan# 168

Delta R.T. -0.00 min

Lab File: BM001655.D

Acq: 11 Jun 2015 23:24

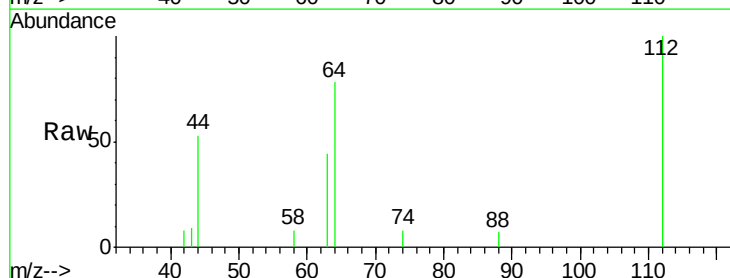
Tgt Ion: 112 Resp: 1839

Ion Ratio Lower Upper

112 100

64 69.1 55.5 83.3

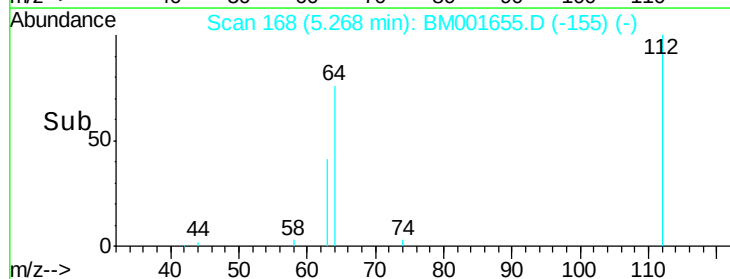
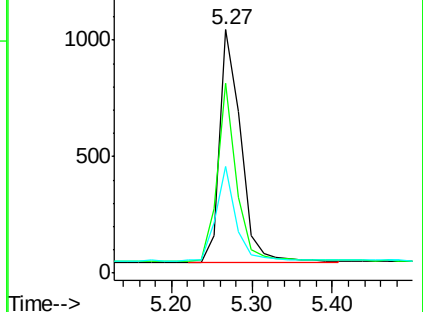
63 38.0 29.9 44.9

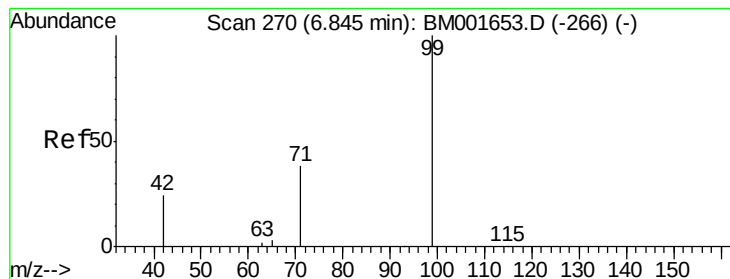


Abundance Ion 112.00 (111.70 to 112.70): BM001653.D (-164) (-)

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: 0.49 ng

RT: 6.84 min Scan# 270

Delta R.T. -0.00 min

Lab File: BM001655.D

Acq: 11 Jun 2015 23:24

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

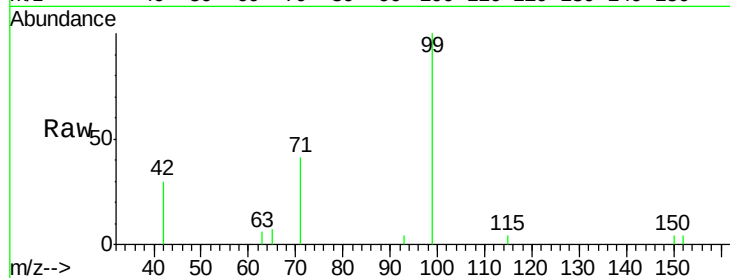
Tgt Ion: 99 Resp: 2280

Ion Ratio Lower Upper

99 100

42 26.6 21.6 32.4

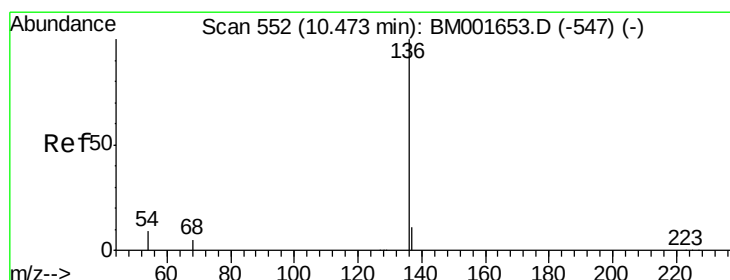
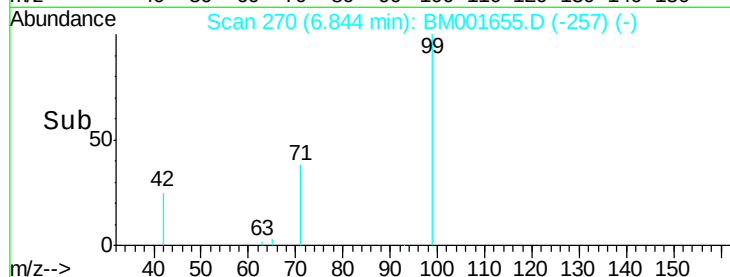
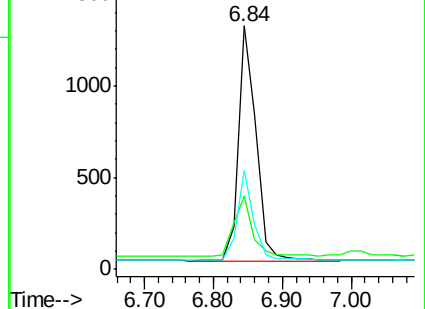
71 35.4 28.7 43.1



Abundance Ion 99.00 (98.70 to 99.70): BM001653.D (-266) (-)

Ion 42.00 (41.70 to 42.70): BM001653.D (-266) (-)

Ion 71.00 (70.70 to 71.70): BM001653.D (-266) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.47 min Scan# 552

Delta R.T. -0.00 min

Lab File: BM001655.D

Acq: 11 Jun 2015 23:24

Tgt Ion: 136 Resp: 62120

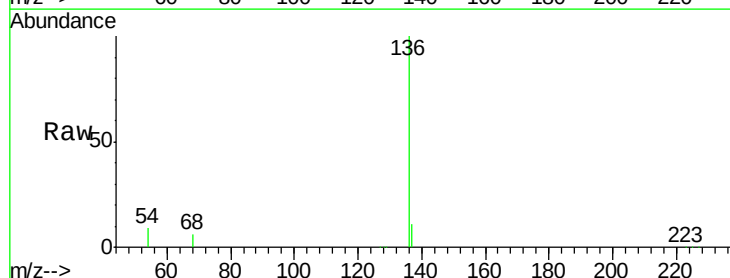
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 8.7 6.9 10.3

68 5.5 4.4 6.6

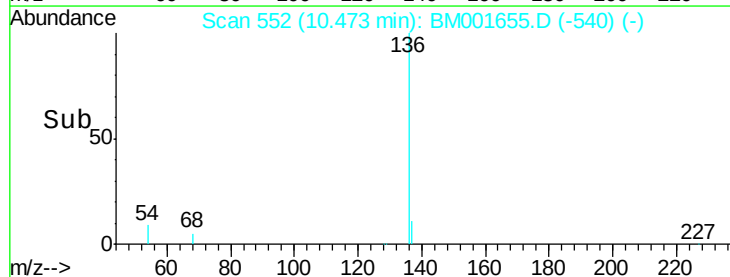
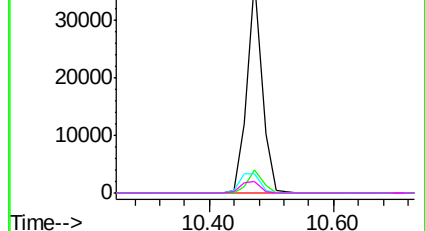


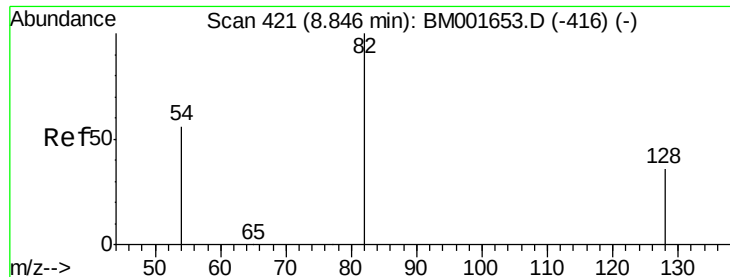
Abundance Ion 136.00 (135.70 to 136.70): BM001653.D (-547) (-)

Ion 137.00 (136.70 to 137.70): BM001653.D (-547) (-)

Ion 54.00 (53.70 to 54.70): BM001653.D (-547) (-)

Ion 68.00 (67.70 to 68.70): BM001653.D (-547) (-)





#7

Nitrobenzene-d5

Concen: 0.49 ng

RT: 8.85 min Scan# 421

Delta R.T. -0.00 min

Lab File: BM001655.D

Acq: 11 Jun 2015 23:24

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

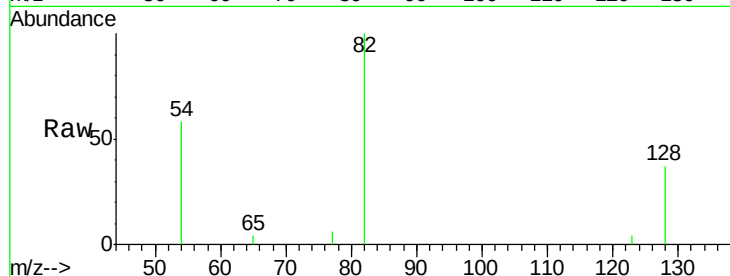
Tgt Ion: 82 Resp: 2173

Ion Ratio Lower Upper

82 100

128 37.4 29.7 44.5

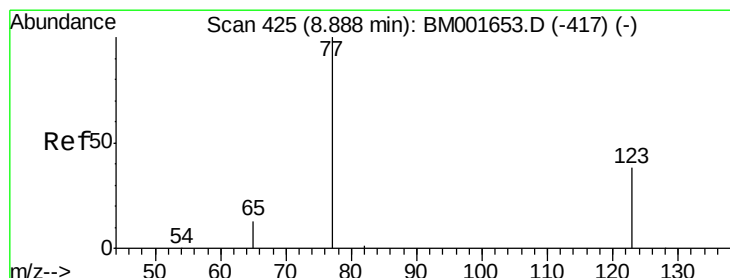
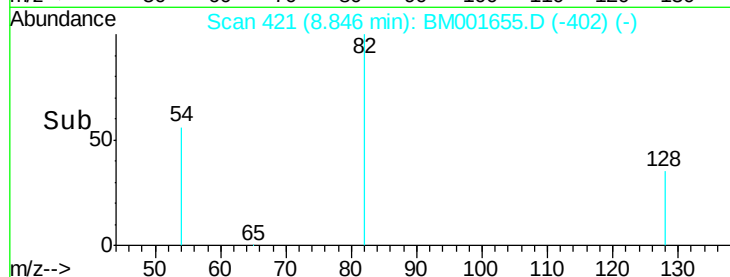
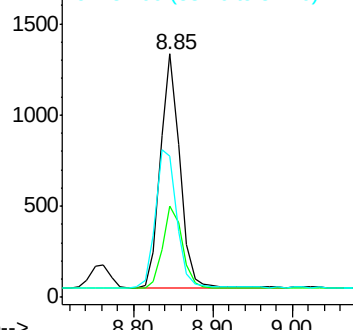
54 57.9 45.1 67.7



Abundance Ion 82.00 (81.70 to 82.70): BM001655.D (-416) (-)

Ion 128.00 (127.70 to 128.70): BM001655.D (-416) (-)

Ion 54.00 (53.70 to 54.70): BM001655.D (-416) (-)



#8

Nitrobenzene

Concen: 0.48 ng

RT: 8.89 min Scan# 425

Delta R.T. -0.00 min

Lab File: BM001655.D

Acq: 11 Jun 2015 23:24

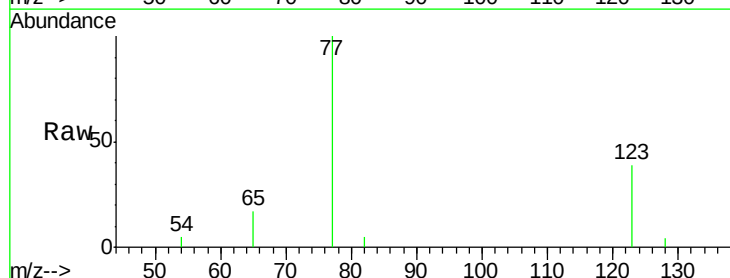
Tgt Ion: 77 Resp: 2298

Ion Ratio Lower Upper

77 100

123 37.9 30.3 45.5

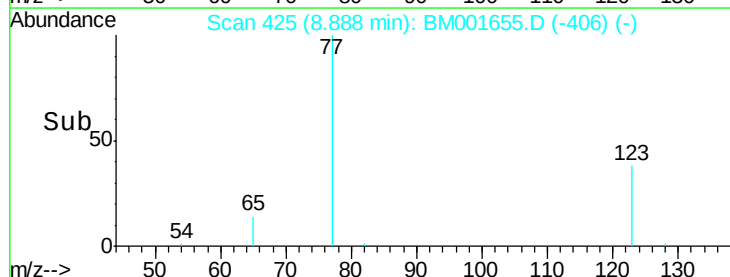
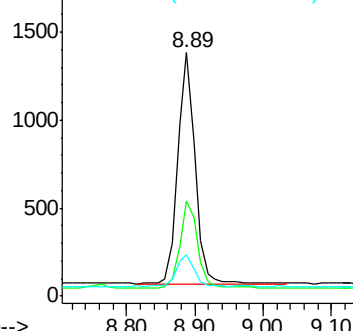
65 14.2 11.2 16.8

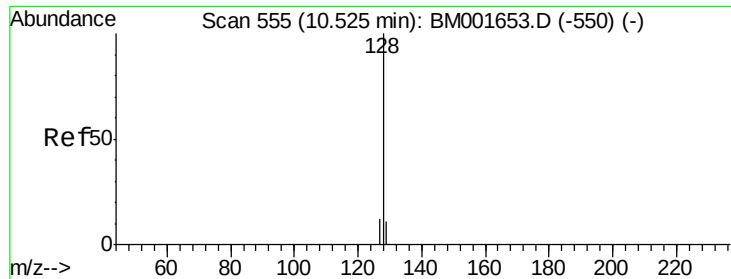


Abundance Ion 77.00 (76.70 to 77.70): BM001655.D (-417) (-)

Ion 123.00 (122.70 to 123.70): BM001655.D (-417) (-)

Ion 65.00 (64.70 to 65.70): BM001655.D (-417) (-)





#9

Naphthalene

Concen: 0.51 ng

RT: 10.52 min Scan# 555

Delta R.T. -0.00 min

Lab File: BM001655.D

Acq: 11 Jun 2015 23:24

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

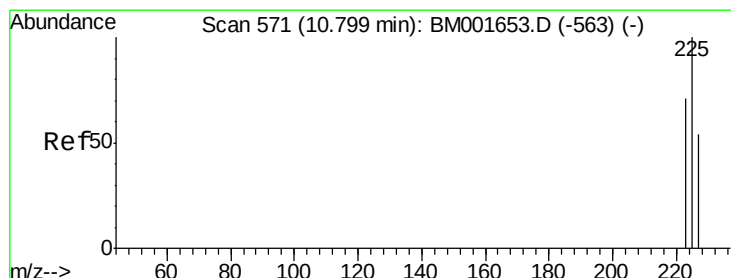
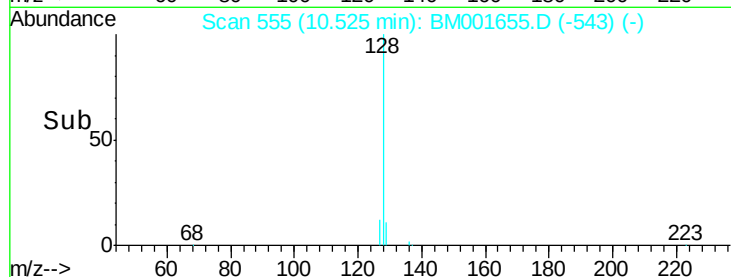
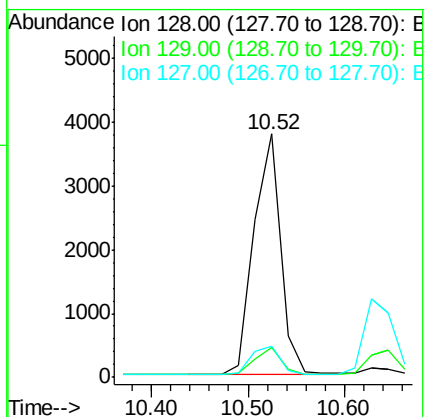
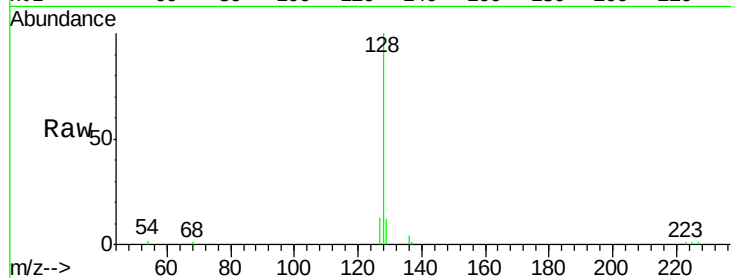
Tgt Ion:128 Resp: 7169

Ion Ratio Lower Upper

128 100

129 12.3 9.4 14.2

127 12.8 9.7 14.5



#10

Hexachlorobutadiene

Concen: 0.50 ng

RT: 10.80 min Scan# 571

Delta R.T. -0.00 min

Lab File: BM001655.D

Acq: 11 Jun 2015 23:24

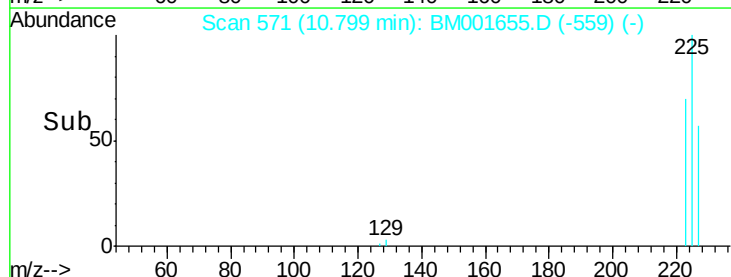
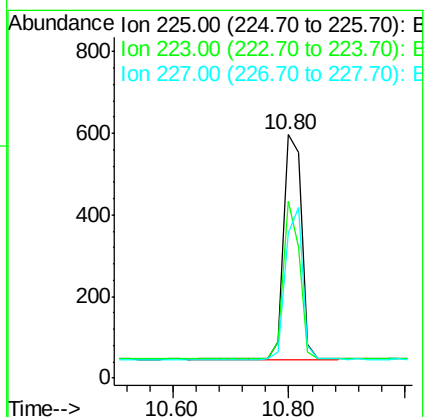
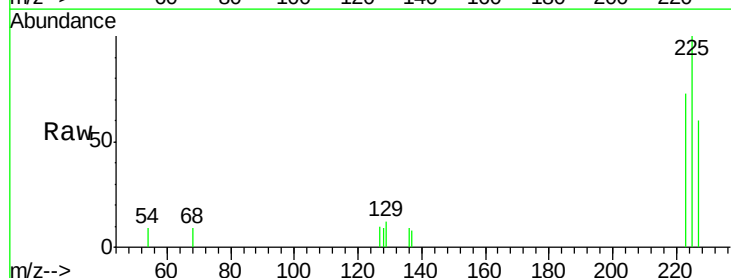
Tgt Ion:225 Resp: 1186

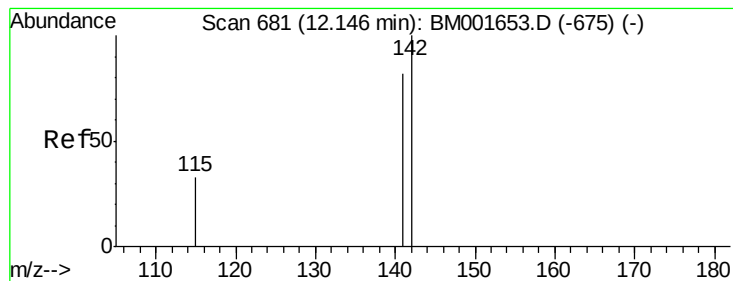
Ion Ratio Lower Upper

225 100

223 62.6 51.0 76.4

227 64.1 51.2 76.8





#11

2-Methylnaphthalene

Concen: 0.53 ng

RT: 12.15 min Scan# 681

Delta R.T. -0.00 min

Lab File: BM001655.D

Acq: 11 Jun 2015 23:24

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

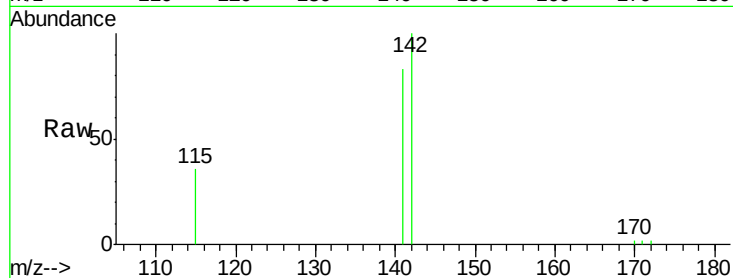
Tgt Ion:142 Resp: 4605

Ion Ratio Lower Upper

142 100

141 83.4 65.8 98.6

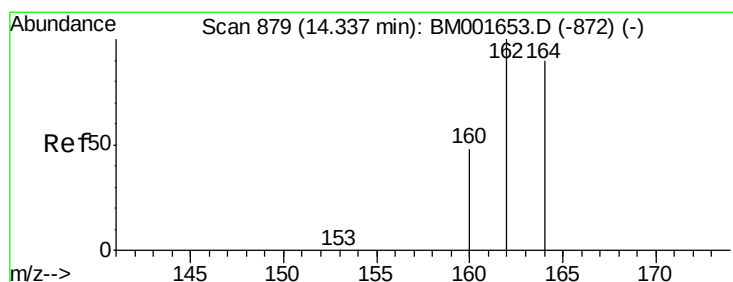
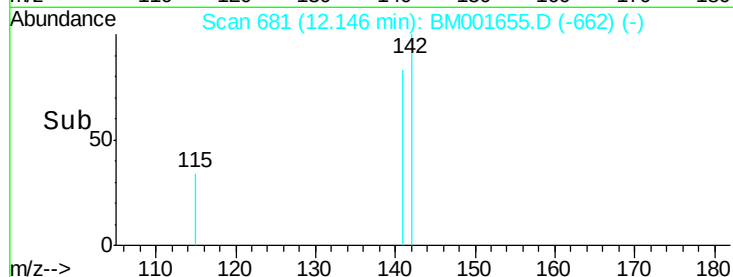
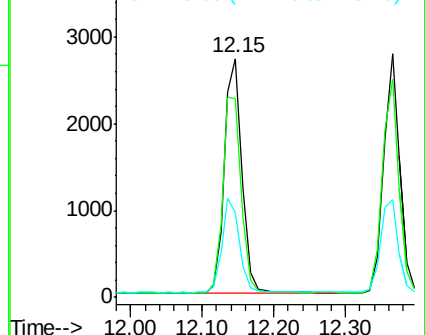
115 35.7 27.0 40.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.34 min Scan# 879

Delta R.T. -0.00 min

Lab File: BM001655.D

Acq: 11 Jun 2015 23:24

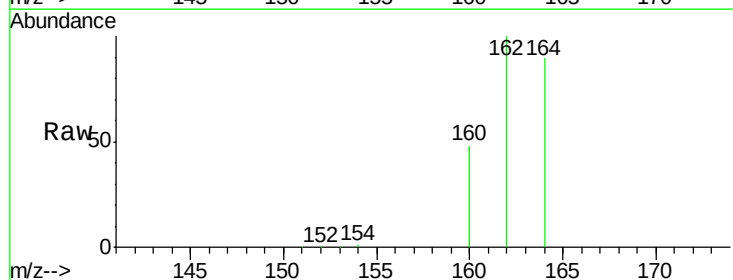
Tgt Ion:164 Resp: 31706

Ion Ratio Lower Upper

164 100

162 110.8 89.0 133.4

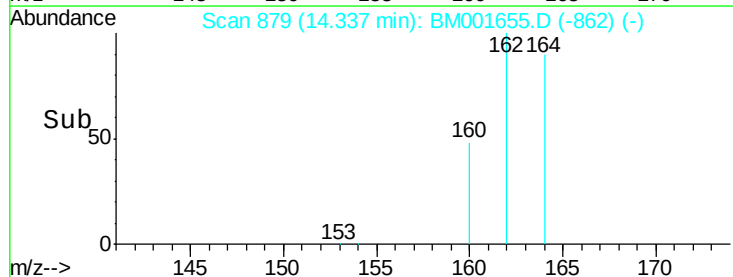
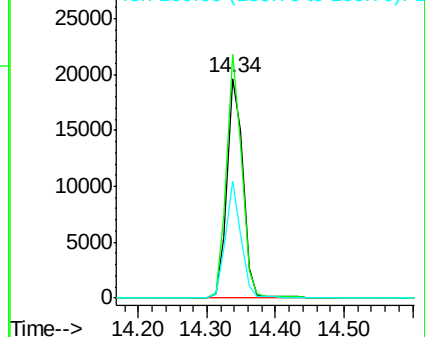
160 53.1 42.6 63.8

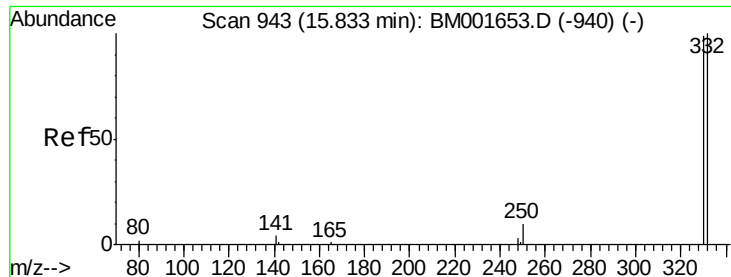


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

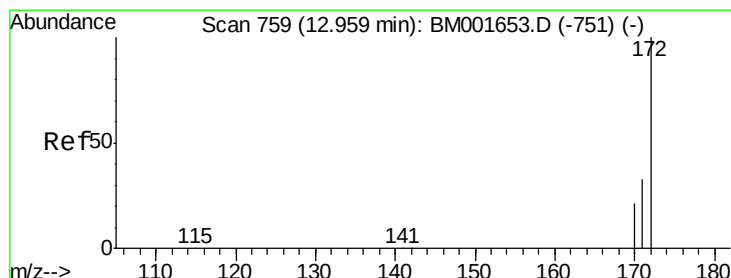
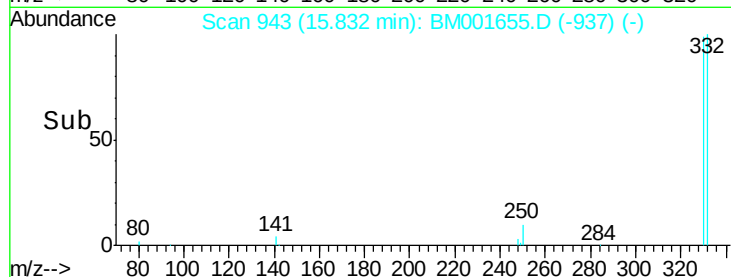
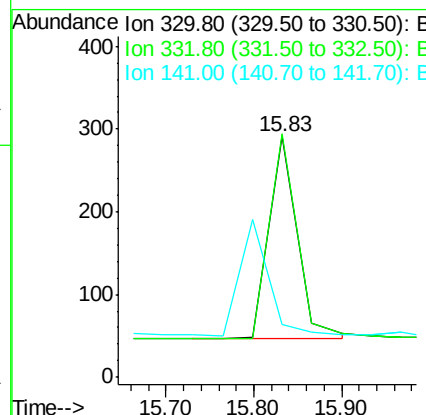
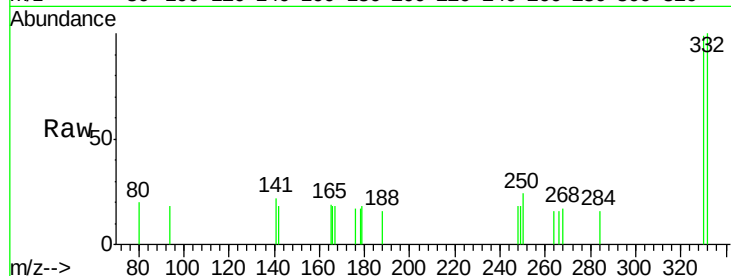




#13
 2,4,6-Tribromophenol
 Concen: 0.44 ng
 RT: 15.83 min Scan# 943
 Delta R.T. -0.00 min
 Lab File: BM001655.D
 Acq: 11 Jun 2015 23:24

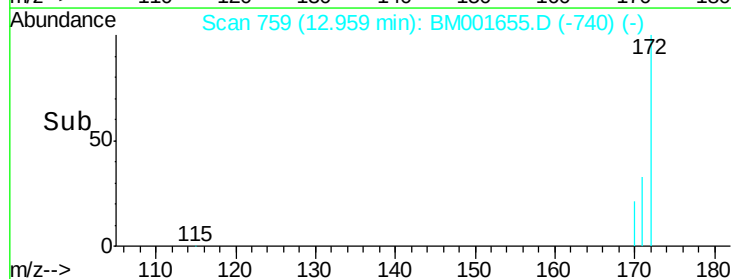
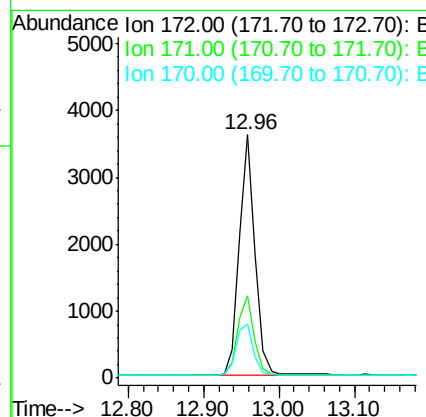
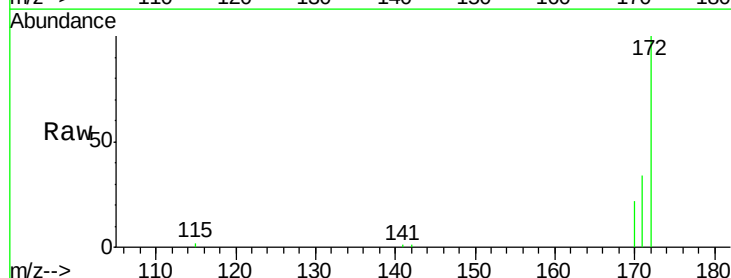
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.5

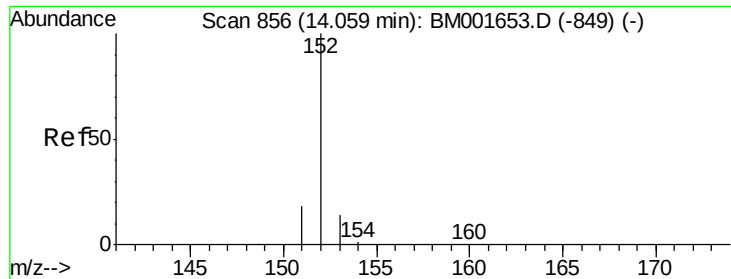
Tgt Ion:330 Resp: 558
 Ion Ratio Lower Upper
 330 100
 332 100.4 80.6 120.8
 141 0.0 0.0 0.0



#14
 2-Fluorobiphenyl
 Concen: 0.51 ng
 RT: 12.96 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BM001655.D
 Acq: 11 Jun 2015 23:24

Tgt Ion:172 Resp: 5259
 Ion Ratio Lower Upper
 172 100
 171 33.8 26.6 40.0
 170 22.0 17.1 25.7





#15

Acenaphthylene

Concen: 0.47 ng

RT: 14.05 min Scan# 855

Delta R.T. -0.01 min

Lab File: BM001655.D

Acq: 11 Jun 2015 23:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.5

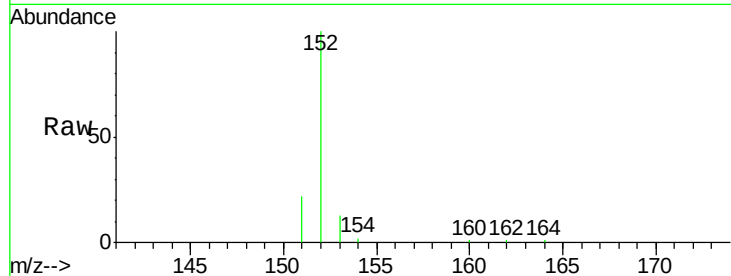
Tgt Ion:152 Resp: 6677

Ion Ratio Lower Upper

152 100

151 19.2 15.5 23.3

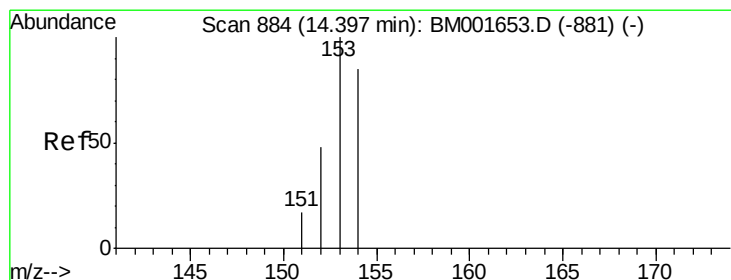
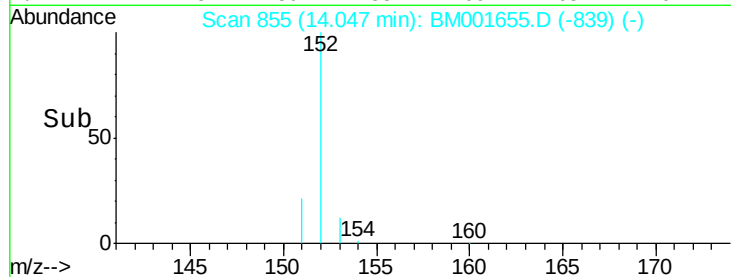
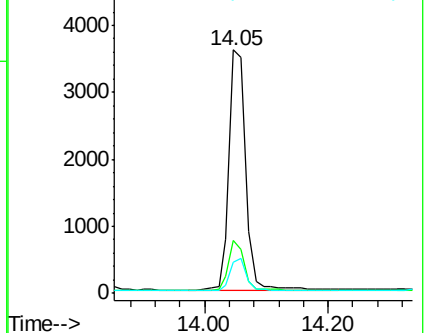
153 12.8 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 0.50 ng

RT: 14.40 min Scan# 884

Delta R.T. -0.00 min

Lab File: BM001655.D

Acq: 11 Jun 2015 23:24

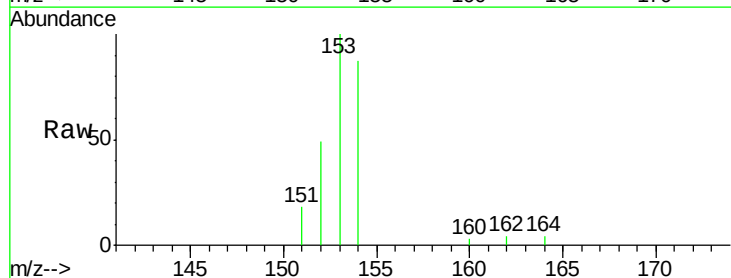
Tgt Ion:154 Resp: 4448

Ion Ratio Lower Upper

154 100

153 112.7 91.0 136.6

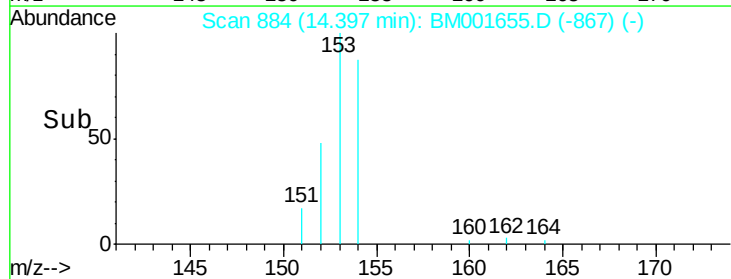
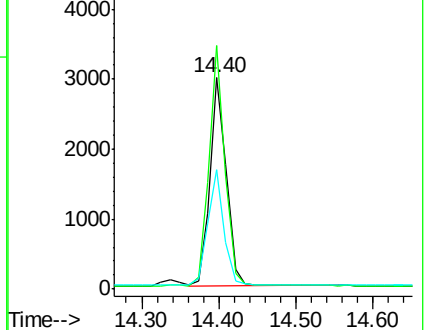
152 55.2 43.8 65.8

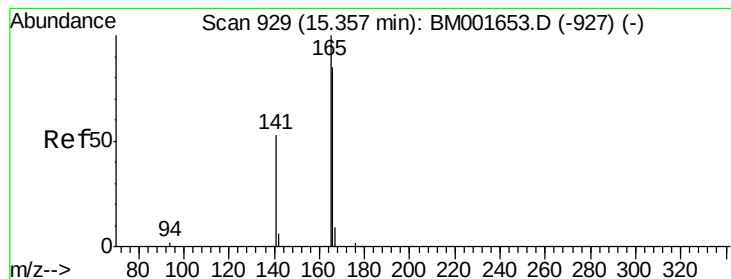


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 0.71 ng

RT: 15.36 min Scan# 929

Delta R.T. -0.00 min

Lab File: BM001655.D

Acq: 11 Jun 2015 23:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.5

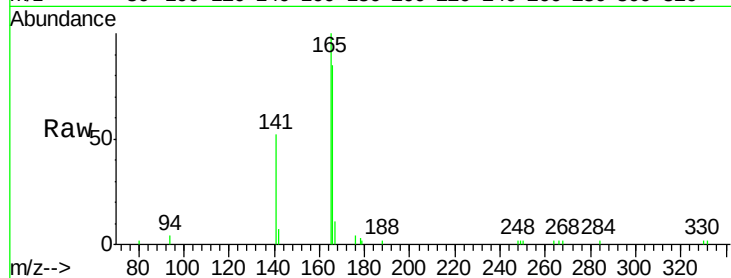
Tgt Ion:166 Resp: 4659

Ion Ratio Lower Upper

166 100

165 113.5 90.7 136.1

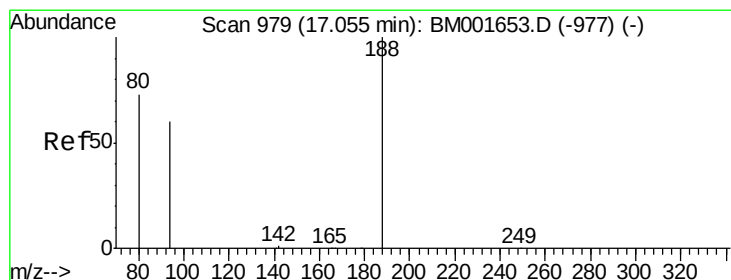
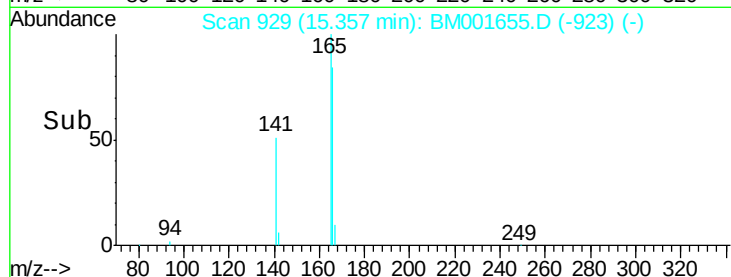
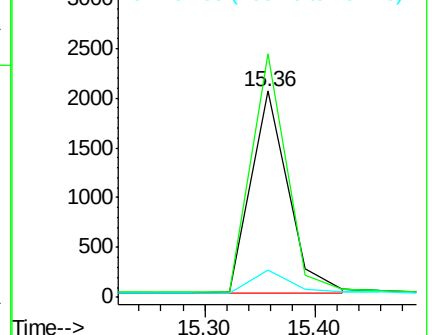
167 11.9 9.4 14.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.06 min Scan# 979

Delta R.T. -0.00 min

Lab File: BM001655.D

Acq: 11 Jun 2015 23:24

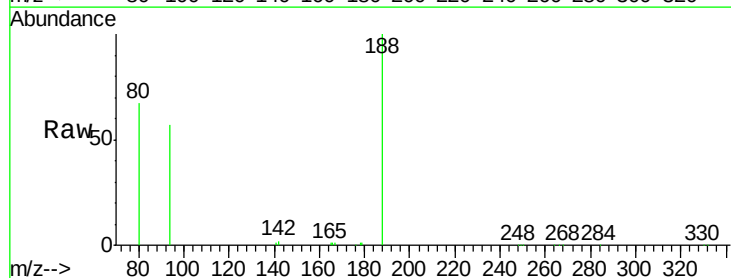
Tgt Ion:188 Resp: 41765

Ion Ratio Lower Upper

188 100

94 56.6 48.3 72.5

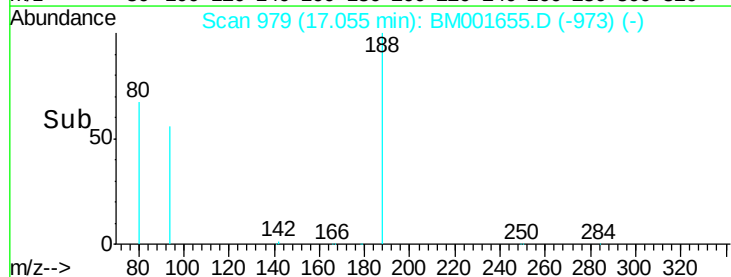
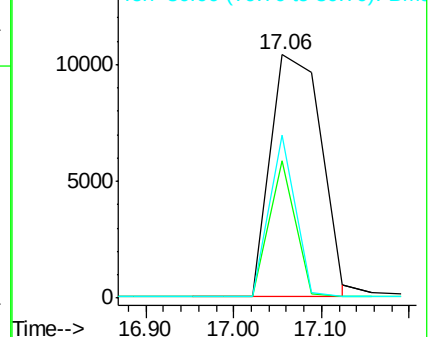
80 67.1 58.6 88.0

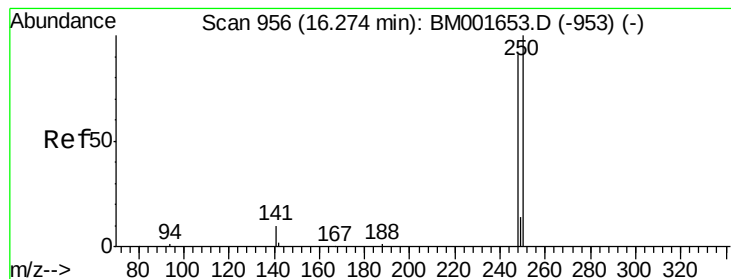


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#19

4-Bromophenyl-phenylether

Concen: 0.46 ng

RT: 16.27 min Scan# 956

Delta R.T. -0.00 min

Lab File: BM001655.D

Acq: 11 Jun 2015 23:24

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

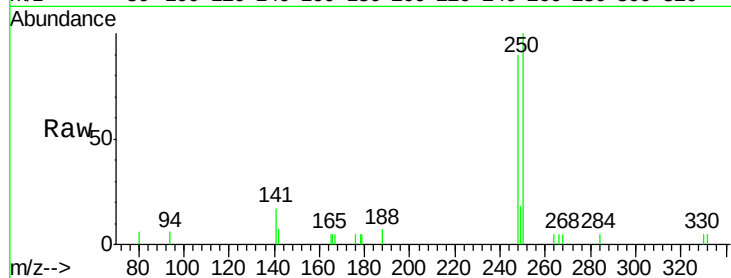
Tgt Ion:248 Resp: 1844

Ion Ratio Lower Upper

248 100

250 111.6 87.5 131.3

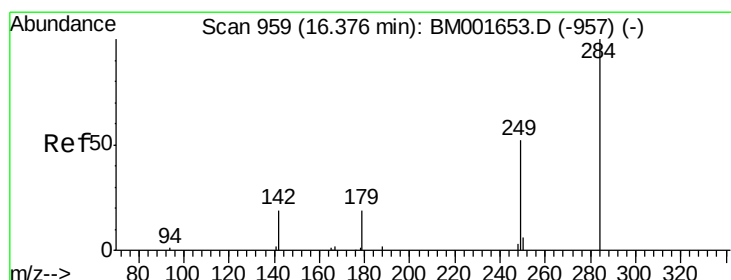
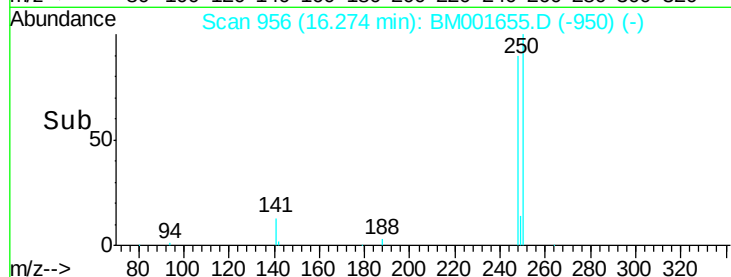
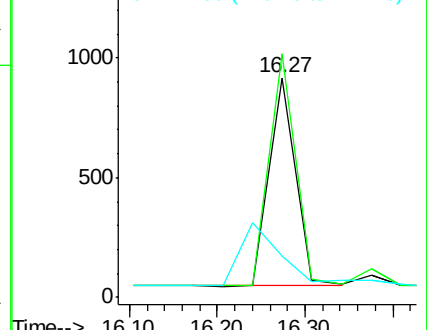
141 0.0 0.0 0.0



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



#20

Hexachlorobenzene

Concen: 0.70 ng

RT: 16.38 min Scan# 959

Delta R.T. -0.00 min

Lab File: BM001655.D

Acq: 11 Jun 2015 23:24

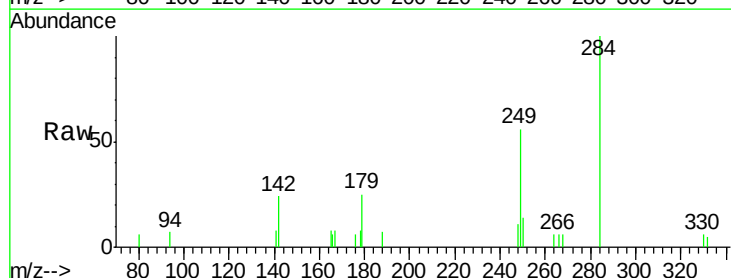
Tgt Ion:284 Resp: 1716

Ion Ratio Lower Upper

284 100

142 27.1 21.5 32.3

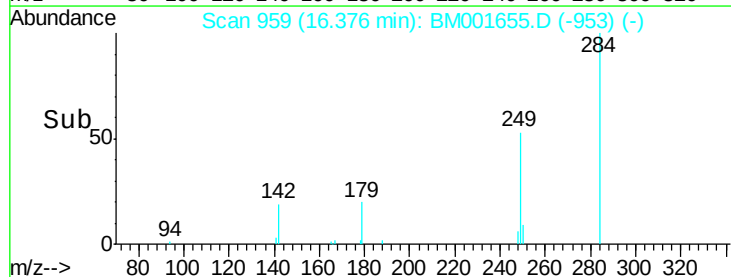
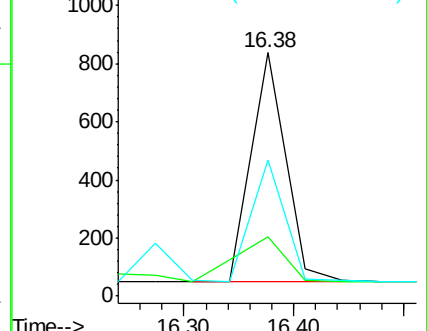
249 67.1 53.8 80.6

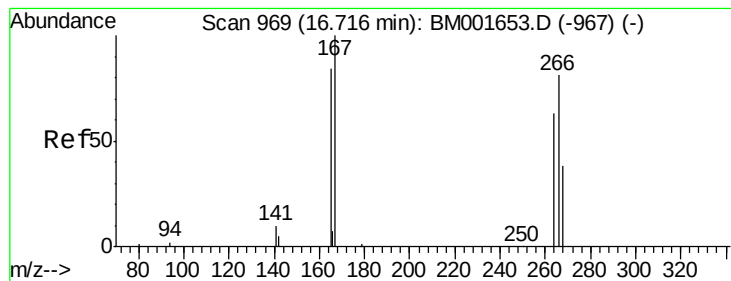


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 0.53 ng

RT: 16.72 min Scan# 969

Delta R.T. -0.00 min

Lab File: BM001655.D

Acq: 11 Jun 2015 23:24

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

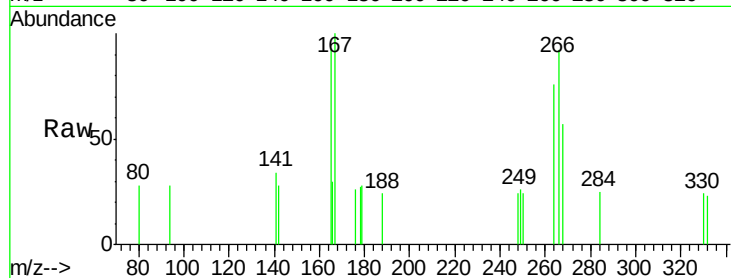
Tgt Ion:266 Resp: 406

Ion Ratio Lower Upper

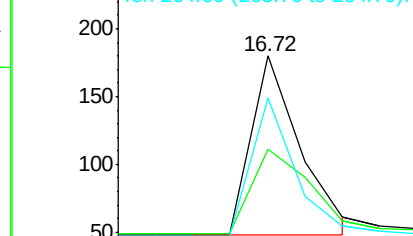
266 100

268 61.7 43.3 64.9

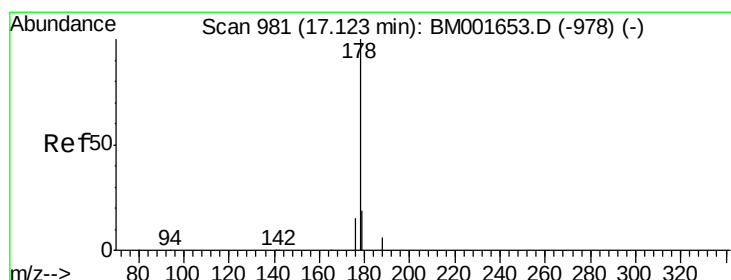
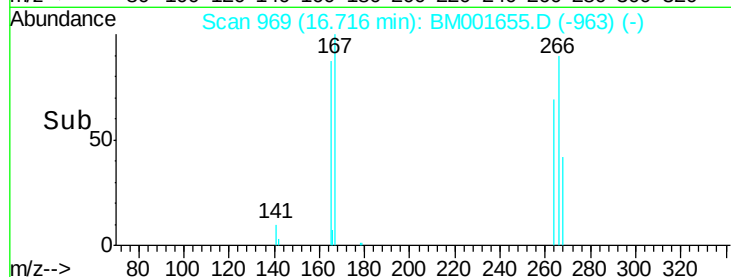
264 82.8 64.5 96.7



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



Time--> 16.60 16.70 16.80



#22

Phenanthrene

Concen: 0.42 ng

RT: 17.12 min Scan# 981

Delta R.T. -0.00 min

Lab File: BM001655.D

Acq: 11 Jun 2015 23:24

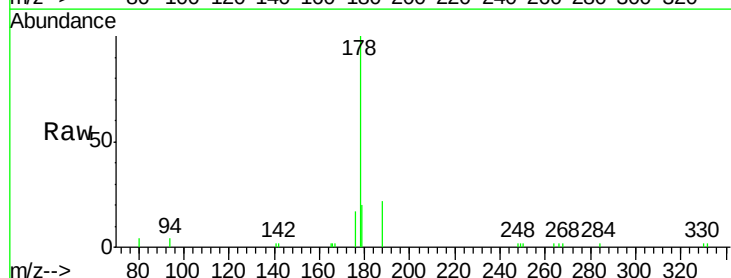
Tgt Ion:178 Resp: 5982

Ion Ratio Lower Upper

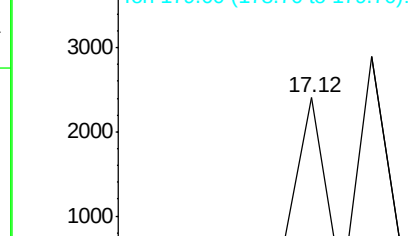
178 100

176 17.1 0.0 0.0#

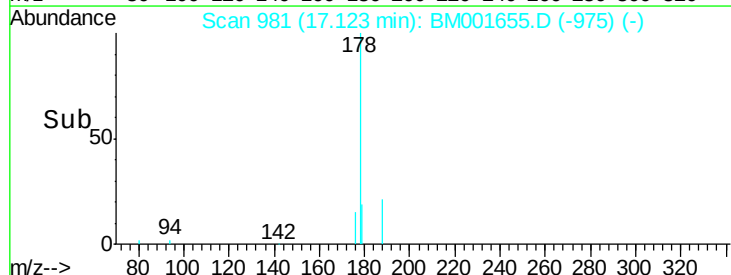
179 17.7 14.2 21.2

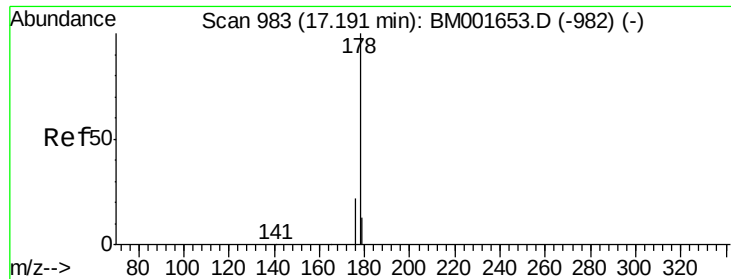


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time--> 17.00 17.10 17.20





#23

Anthracene

Concen: 0.59 ng

RT: 17.12 min Scan# 981

Delta R.T. -0.07 min

Lab File: BM001655.D

Acq: 11 Jun 2015 23:24

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

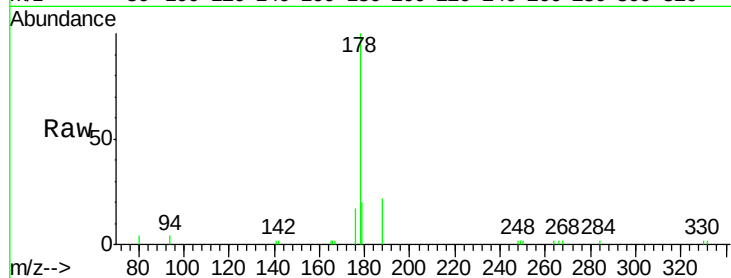
Tgt Ion:178 Resp: 5914

Ion Ratio Lower Upper

178 100

176 17.3 0.0 0.0#

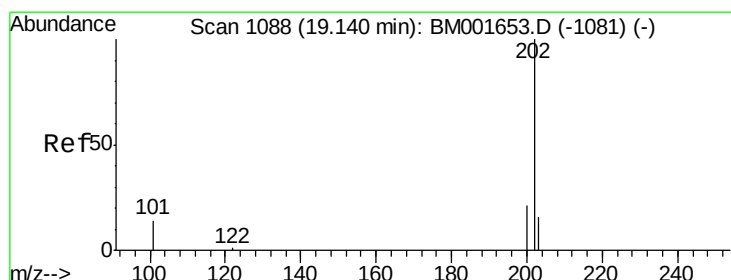
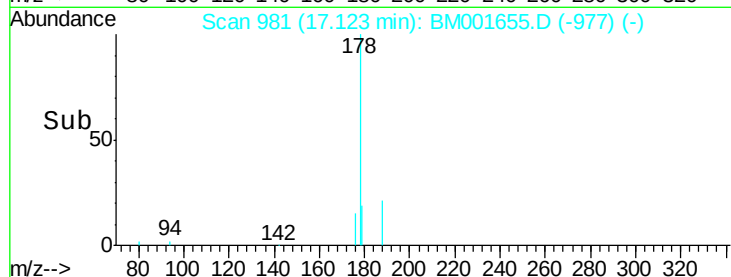
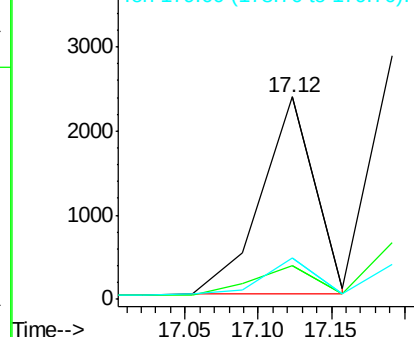
179 33.4 21.4 32.0#



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

Fluoranthene

Concen: 0.55 ng

RT: 19.14 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BM001655.D

Acq: 11 Jun 2015 23:24

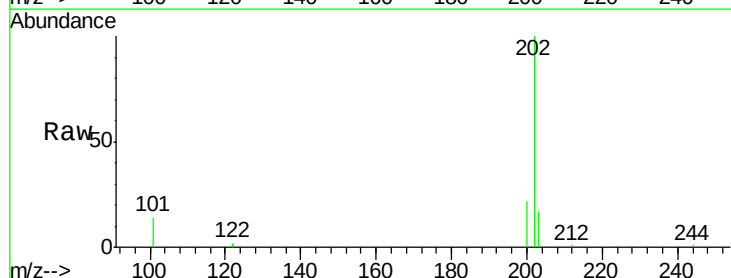
Tgt Ion:202 Resp: 9243

Ion Ratio Lower Upper

202 100

101 13.2 10.8 16.2

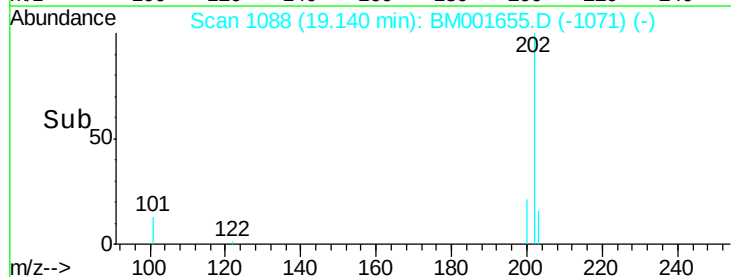
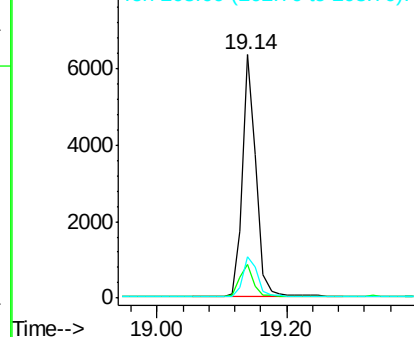
203 17.3 13.8 20.8

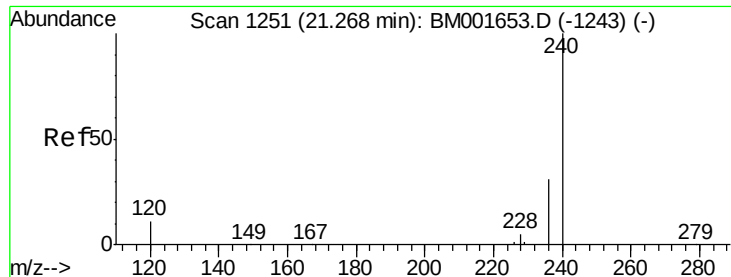


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.27 min Scan# 1251

Delta R.T. -0.00 min

Lab File: BM001655.D

Acq: 11 Jun 2015 23:24

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

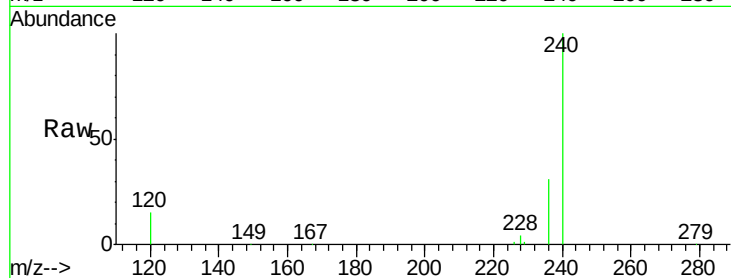
Tgt Ion:240 Resp: 62215

Ion Ratio Lower Upper

240 100

120 14.8 8.9 13.3#

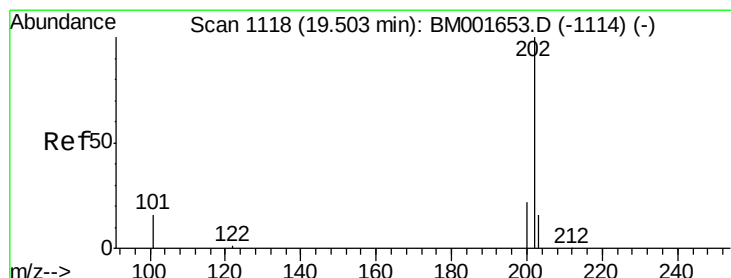
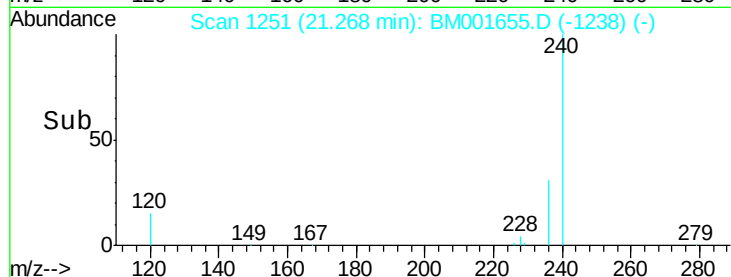
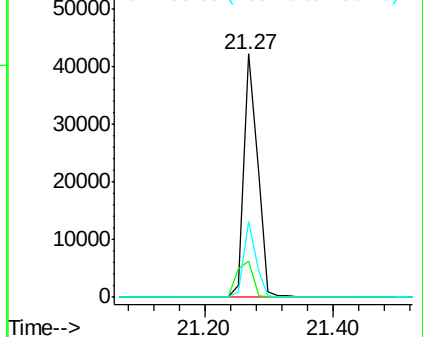
236 31.1 24.6 36.8



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: 0.48 ng

RT: 19.50 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BM001655.D

Acq: 11 Jun 2015 23:24

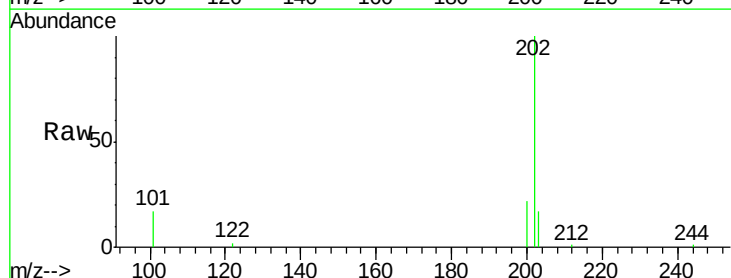
Tgt Ion:202 Resp: 9697

Ion Ratio Lower Upper

202 100

200 20.6 16.6 24.8

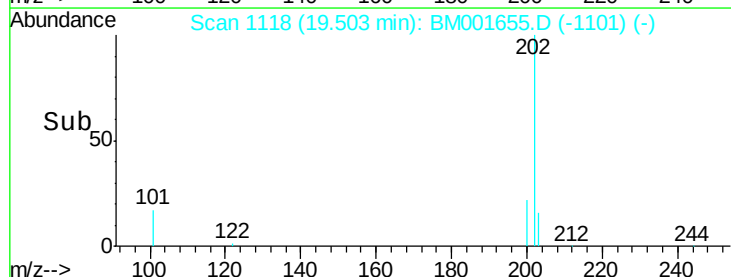
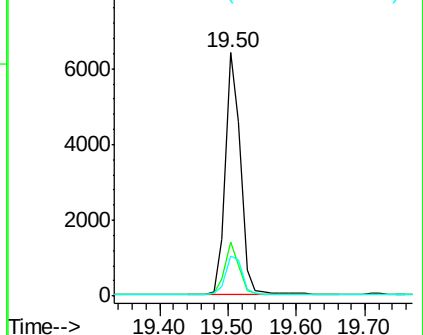
203 17.4 13.8 20.8

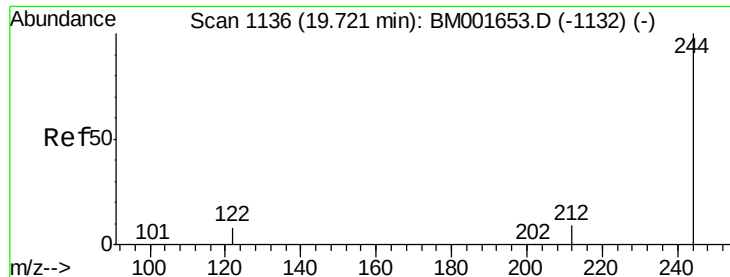


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

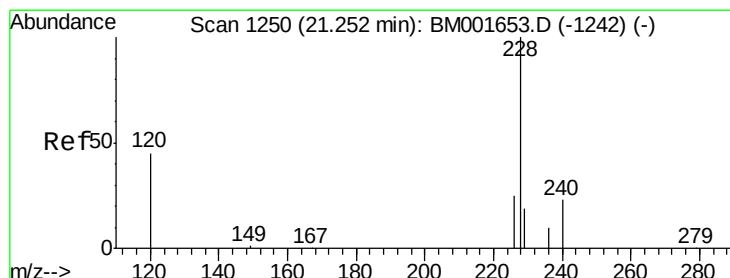
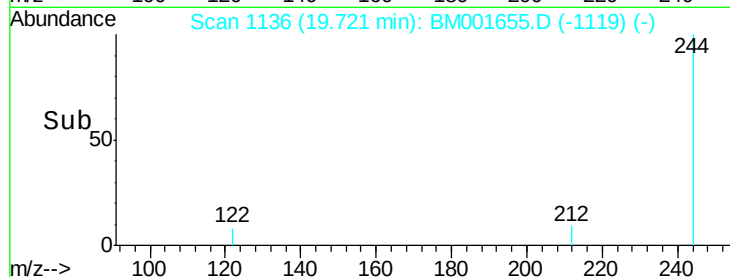
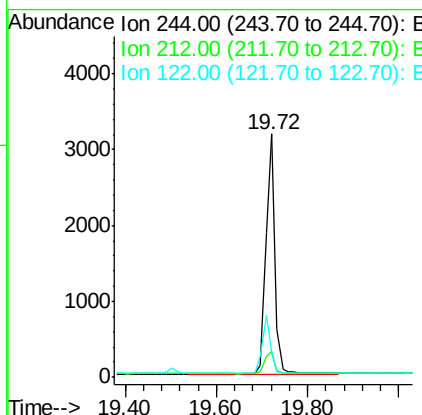
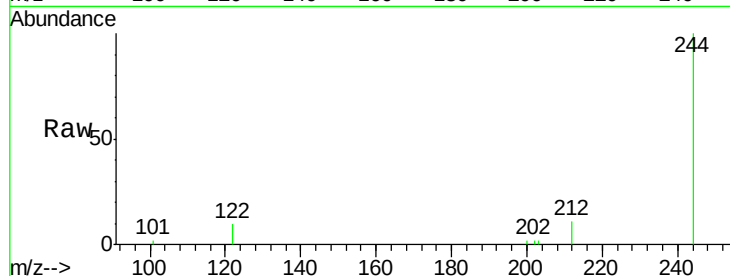




#27
 Terphenyl-d14
 Concen: 0.52 ng
 RT: 19.72 min Scan# 1136
 Delta R.T. -0.00 min
 Lab File: BM001655.D
 Acq: 11 Jun 2015 23:24

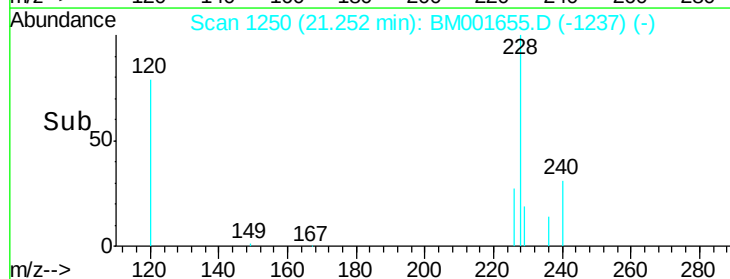
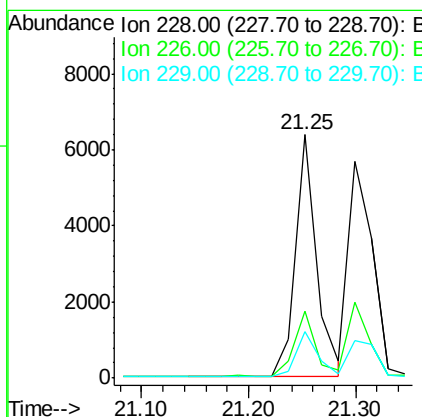
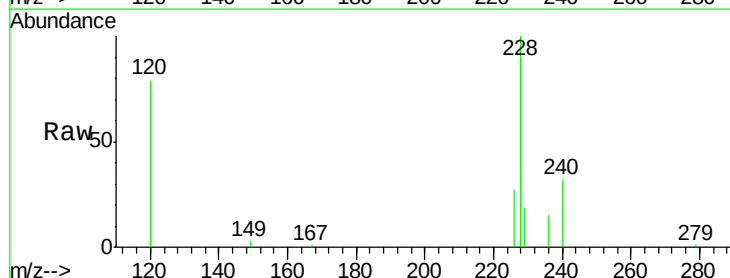
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.5

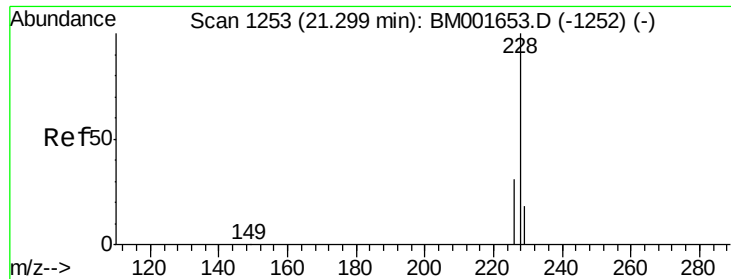
Tgt Ion: 244 Resp: 4290
 Ion Ratio Lower Upper
 244 100
 212 10.6 7.7 11.5
 122 10.0 6.9 10.3



#28
 Benzo(a)anthracene
 Concen: 0.47 ng
 RT: 21.25 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: BM001655.D
 Acq: 11 Jun 2015 23:24

Tgt Ion: 228 Resp: 8647
 Ion Ratio Lower Upper
 228 100
 226 27.5 20.2 30.4
 229 19.4 15.7 23.5





#29

Chrysene

Concen: 0.51 ng

RT: 21.30 min Scan# 1253

Delta R.T. -0.00 min

Lab File: BM001655.D

Acq: 11 Jun 2015 23:24

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

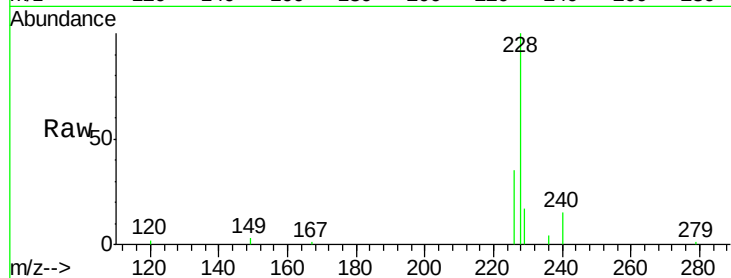
Tgt Ion:228 Resp: 8873

Ion Ratio Lower Upper

228 100

226 34.8 25.8 38.8

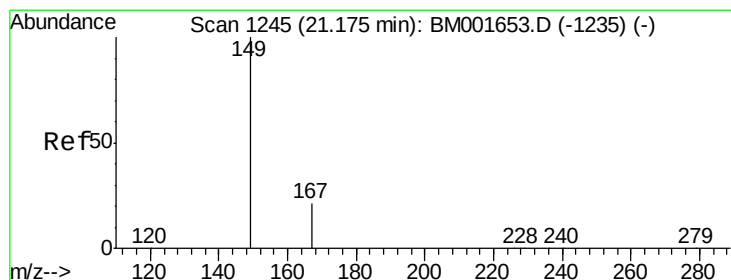
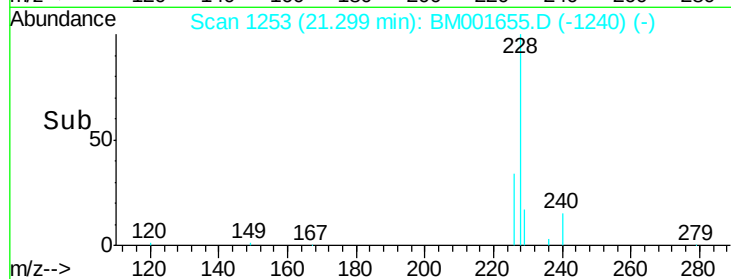
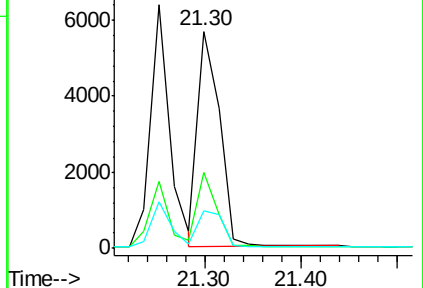
229 17.2 14.1 21.1



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: 0.47 ng

RT: 21.18 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BM001655.D

Acq: 11 Jun 2015 23:24

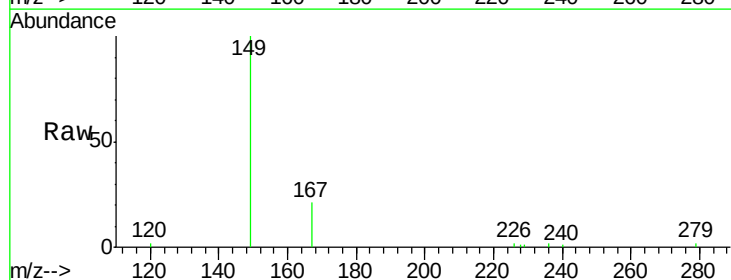
Tgt Ion:149 Resp: 4997

Ion Ratio Lower Upper

149 100

167 25.4 20.2 30.2

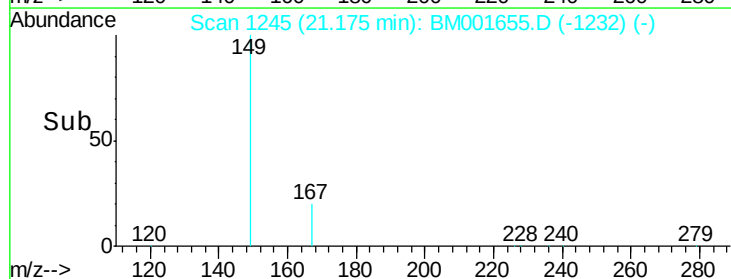
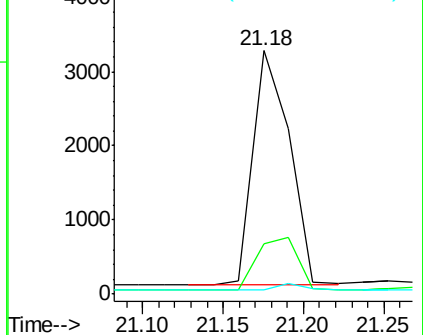
279 2.2 1.7 2.5

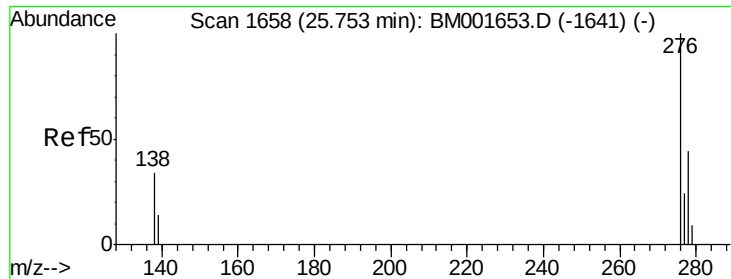


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.38 ng

RT: 25.76 min Scan# 1659

Delta R.T. 0.01 min

Lab File: BM001655.D

Acq: 11 Jun 2015 23:24

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

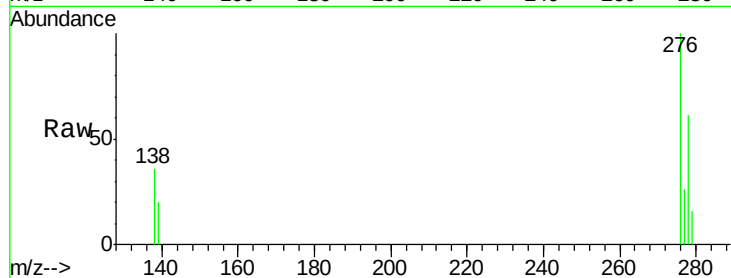
Tgt Ion:276 Resp: 6491

Ion Ratio Lower Upper

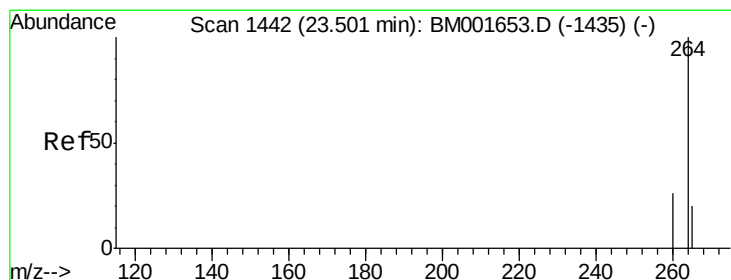
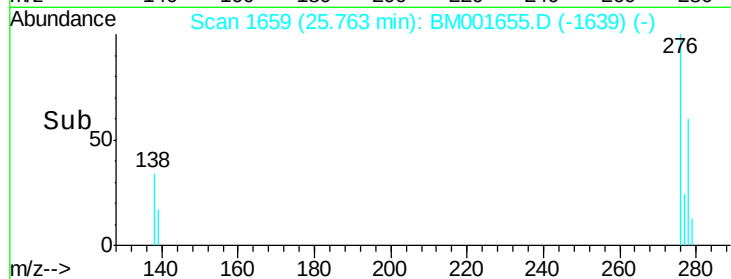
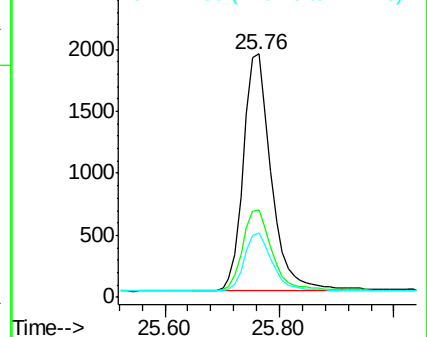
276 100

138 35.9 28.8 43.2

277 24.6 19.6 29.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.51 min Scan# 1443

Delta R.T. 0.01 min

Lab File: BM001655.D

Acq: 11 Jun 2015 23:24

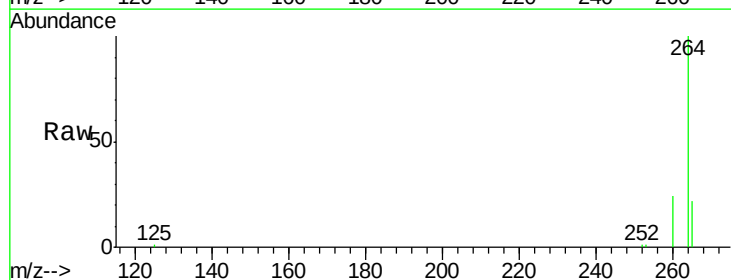
Tgt Ion:264 Resp: 50437

Ion Ratio Lower Upper

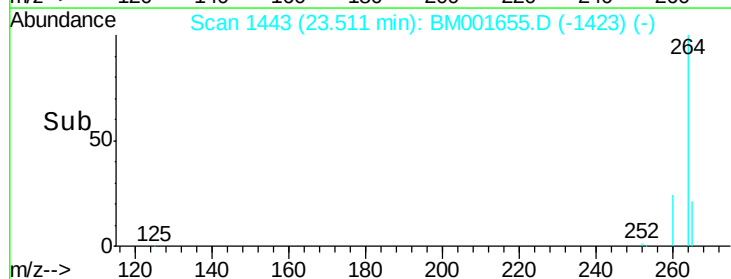
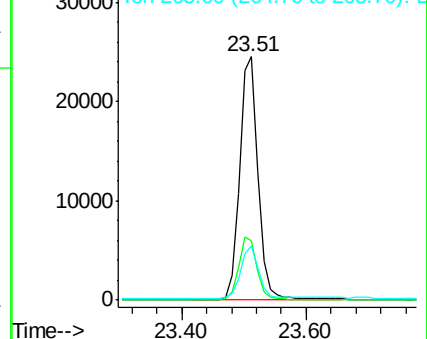
264 100

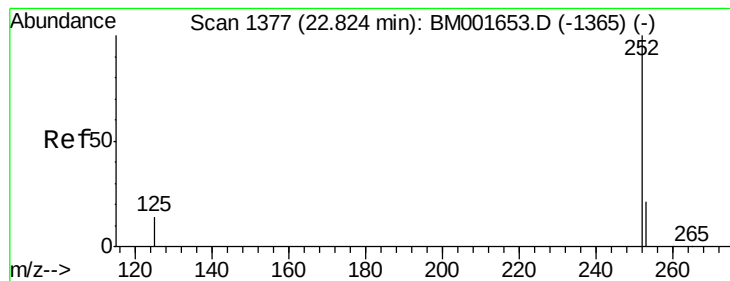
260 24.3 20.8 31.2

265 22.2 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 0.53 ng

RT: 22.82 min Scan# 1377

Delta R.T. -0.00 min

Lab File: BM001655.D

Acq: 11 Jun 2015 23:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.5

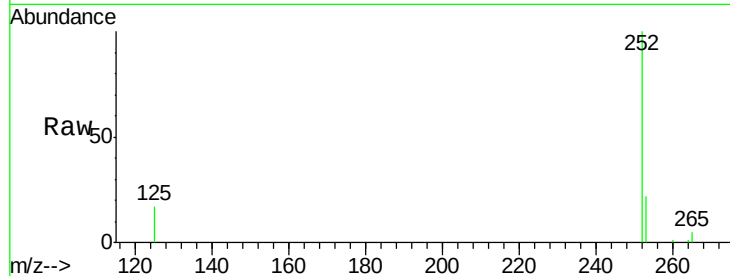
Tgt Ion:252 Resp: 8159

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

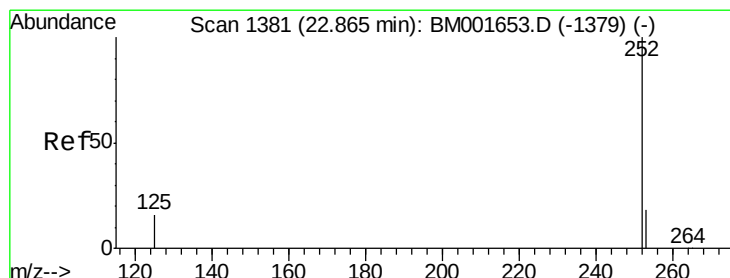
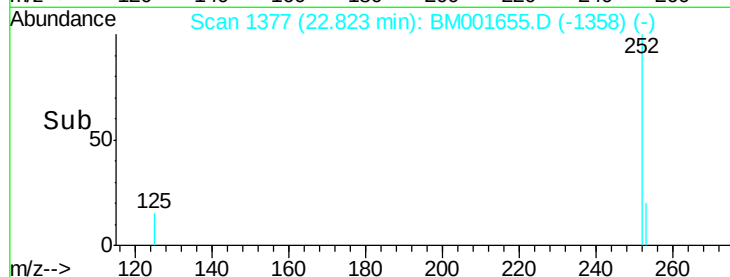
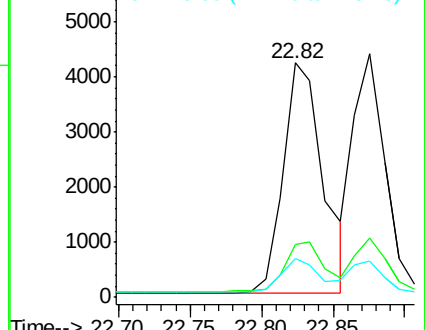
125 16.8 12.0 18.0



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: 0.47 ng

RT: 22.88 min Scan# 1382

Delta R.T. 0.01 min

Lab File: BM001655.D

Acq: 11 Jun 2015 23:24

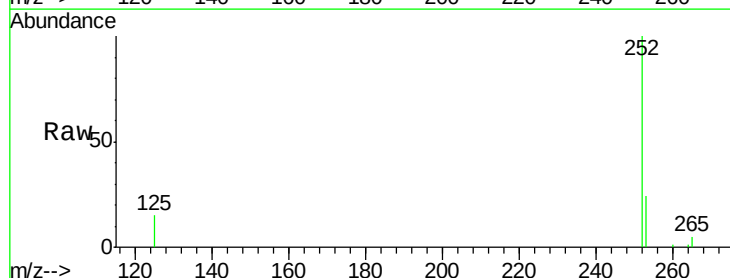
Tgt Ion:252 Resp: 6874

Ion Ratio Lower Upper

252 100

253 24.2 17.0 25.6

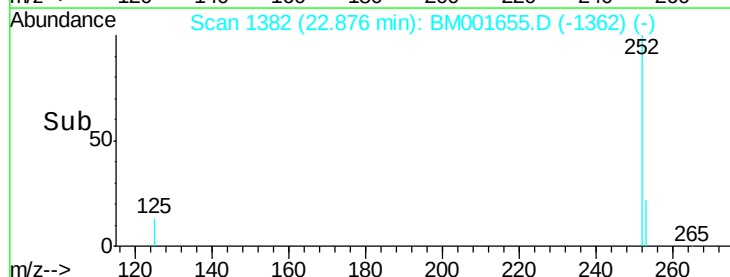
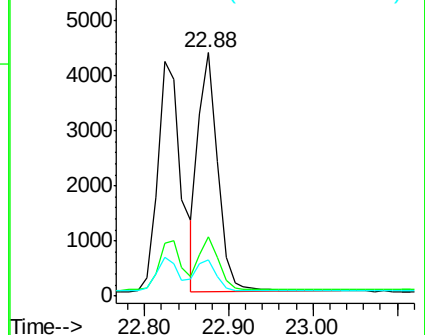
125 14.9 12.5 18.7

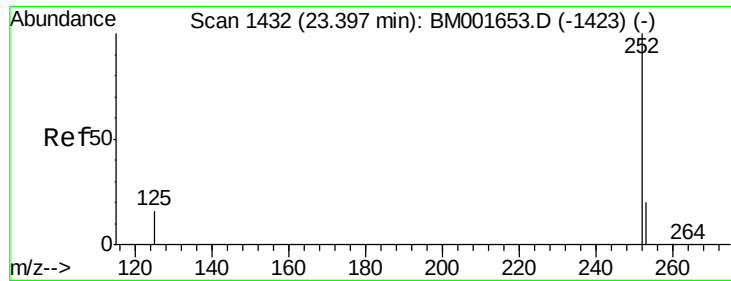


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 0.47 ng

RT: 23.41 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BM001655.D

Acq: 11 Jun 2015 23:24

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

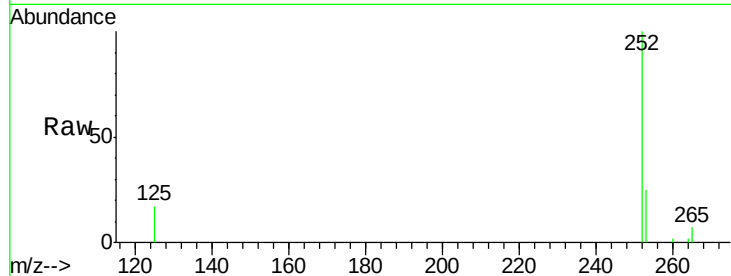
Tgt Ion: 252 Resp: 6232

Ion Ratio Lower Upper

252 100

253 25.3 17.4 26.0

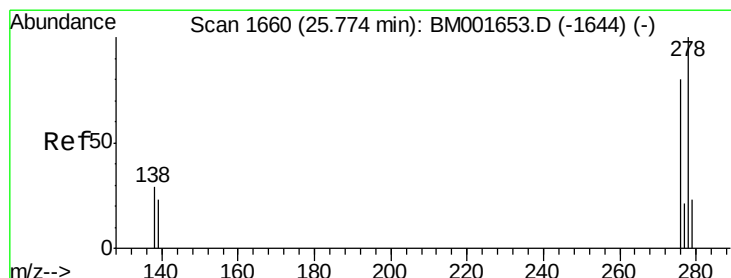
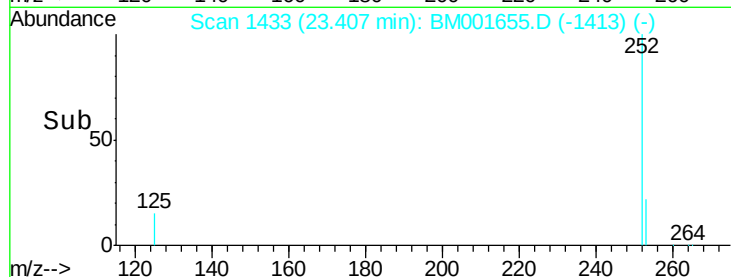
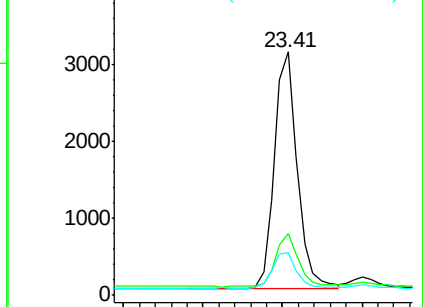
125 17.4 14.0 21.0



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: 0.42 ng

RT: 25.77 min Scan# 1660

Delta R.T. -0.00 min

Lab File: BM001655.D

Acq: 11 Jun 2015 23:24

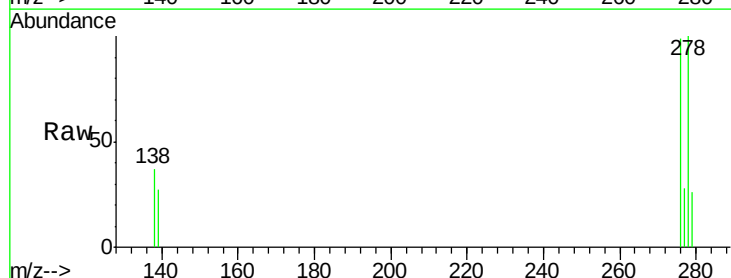
Tgt Ion: 278 Resp: 5084

Ion Ratio Lower Upper

278 100

139 26.8 19.1 28.7

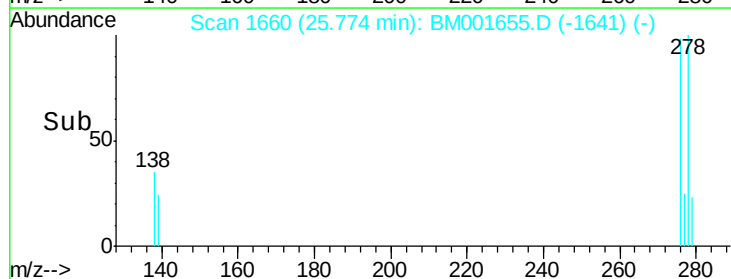
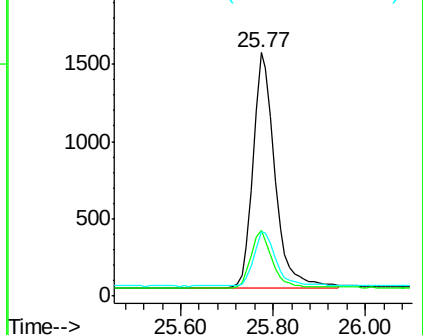
279 26.4 19.7 29.5

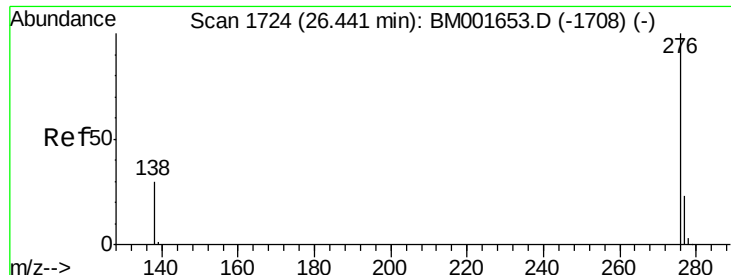


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.43 ng

RT: 26.45 min Scan# 1725

Delta R.T. 0.01 min

Lab File: BM001655.D

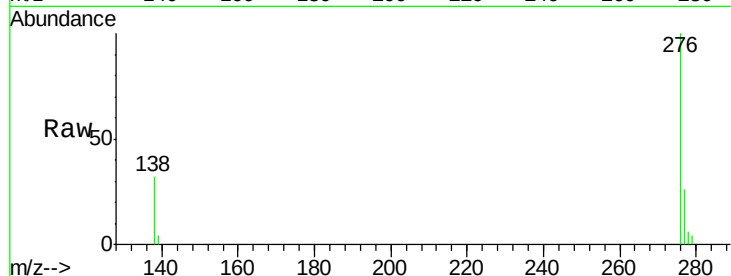
Acq: 11 Jun 2015 23:24

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5



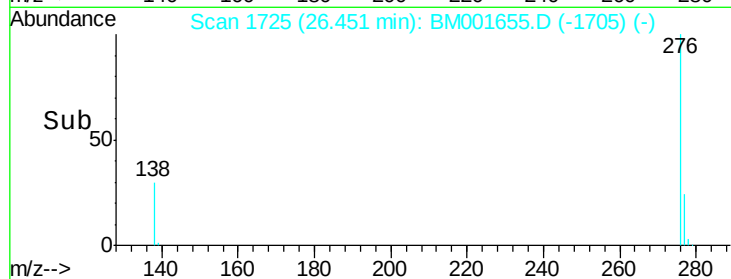
Tgt Ion: 276 Resp: 5650

Ion Ratio Lower Upper

276 100

277 26.2 19.3 28.9

138 32.0 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

