

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061215\
 Data File : BM001650.D
 Acq On : 11 Jun 2015 20:22
 Operator : TP/IZ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Quant Time: Jun 12 02:08:33 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

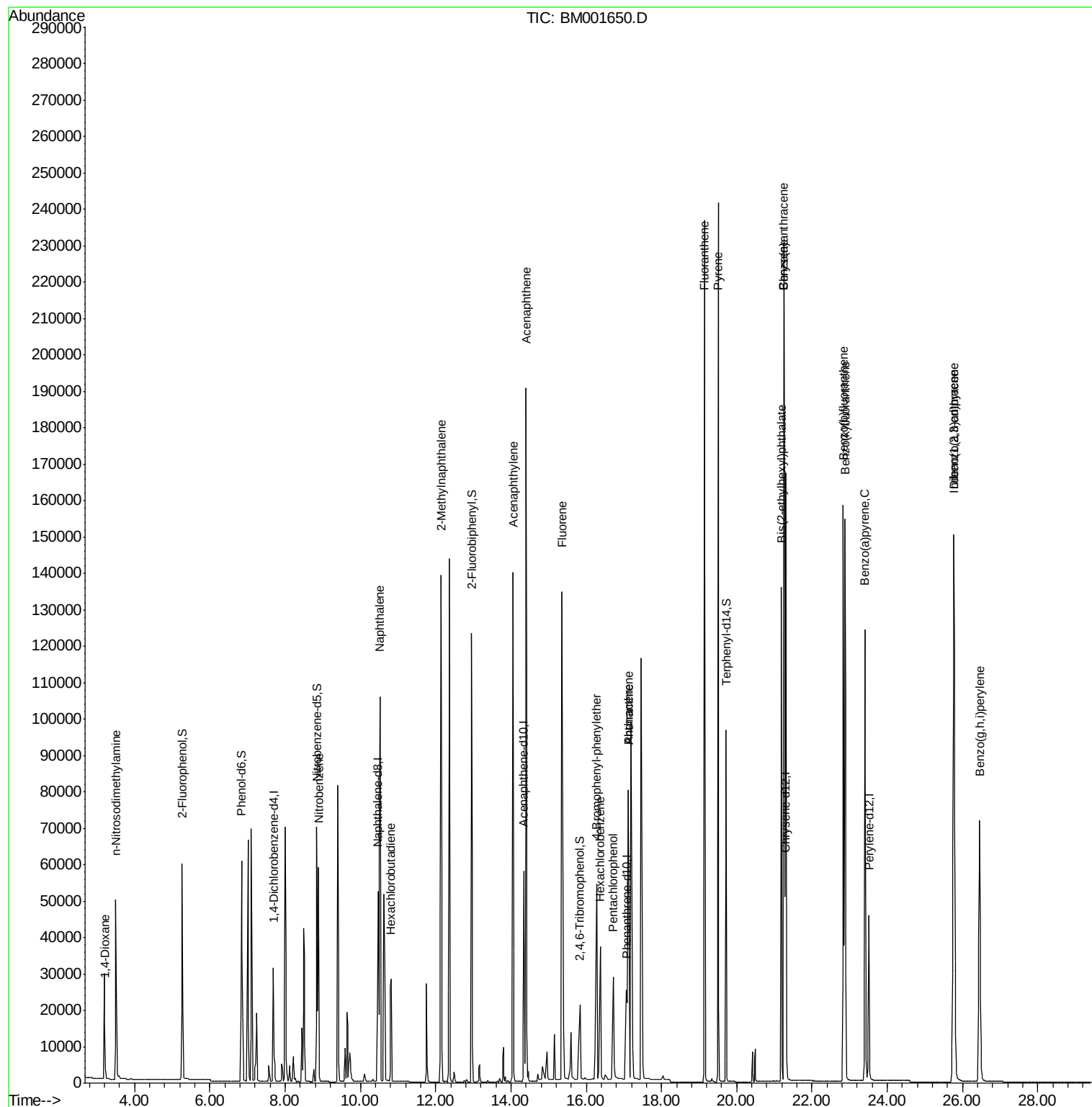
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	18288	5.00	ng	0.00
6) Naphthalene-d8	10.47	136	68969	5.00	ng	0.00
12) Acenaphthene-d10	14.34	164	35076	5.00	ng	0.00
18) Phenanthrene-d10	17.09	188	40369	5.00	ng	0.03
25) Chrysene-d12	21.28	240	67948	5.00	ng	0.02
32) Perylene-d12	23.51	264	59280	5.00	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	43682	10.48	ng	0.00
5) Phenol-d6	6.84	99	57934	11.27	ng	0.00
7) Nitrobenzene-d5	8.85	82	57132	11.67	ng	0.00
13) 2,4,6-Tribromophenol	15.83	330	19642	13.99	ng	0.00
14) 2-Fluorobiphenyl	12.96	172	115486	10.09	ng	0.00
27) Terphenyl-d14	19.72	244	99297	10.96	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	18692	9.22	ng	96
3) n-Nitrosodimethylamine	3.51	42	33515	11.48	ng	# 99
8) Nitrobenzene	8.89	77	62969	11.95	ng	97
9) Naphthalene	10.52	128	157997	10.17	ng	99
10) Hexachlorobutadiene	10.82	225	26315	9.93	ng	99
11) 2-Methylnaphthalene	12.15	142	105533	11.00	ng	99
15) Acenaphthylene	14.06	152	176901	11.21	ng	100
16) Acenaphthene	14.40	154	104148	10.51	ng	94
17) Fluorene	15.36	166	98896	13.58	ng	99
19) 4-Bromophenyl-phenylether	16.27	248	46375	11.98	ng	# 98
20) Hexachlorobenzene	16.38	284	34672	14.68	ng	85
21) Pentachlorophenol	16.72	266	14977	20.39	ng	97
22) Phenanthrene	17.12	178	138050	9.92	ng	# 66
23) Anthracene	17.12	178	121373	12.45	ng	# 83
24) Fluoranthene	19.14	202	219476	13.56	ng	99
26) Pyrene	19.50	202	231204	10.41	ng	100
28) Benzo(a)anthracene	21.25	228	207649	10.34	ng	94
29) Chrysene	21.25	228	207631	10.96	ng	96
30) Bis(2-ethylhexyl)phthalate	21.19	149	158980	13.64	ng	99
31) Indeno(1,2,3-cd)pyrene	25.76	276	174415	9.41	ng	100
33) Benzo(b)fluoranthene	22.83	252	193831	10.79	ng	98
34) Benzo(k)fluoranthene	22.88	252	179100	10.34	ng	98
35) Benzo(a)pyrene	23.41	252	166372	10.58	ng	97
36) Dibenzo(a,h)anthracene	25.77	278	137411	9.69	ng	98
37) Benzo(g,h,i)perylene	26.45	276	139456	9.13	ng	98

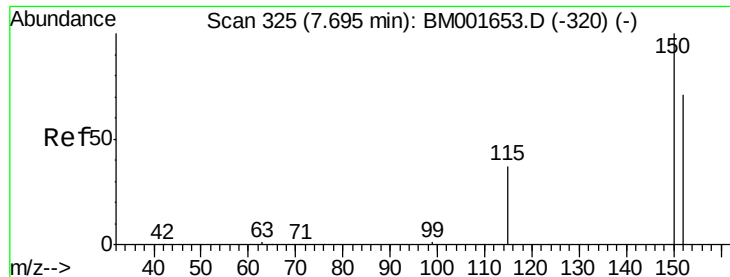
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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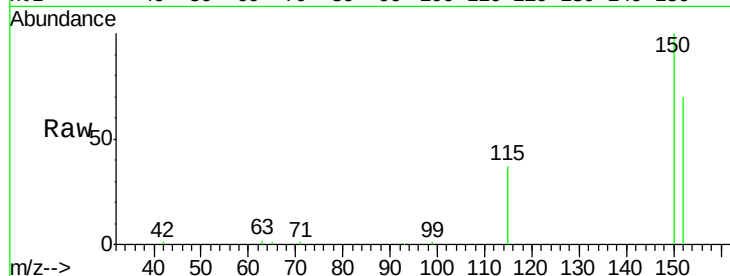




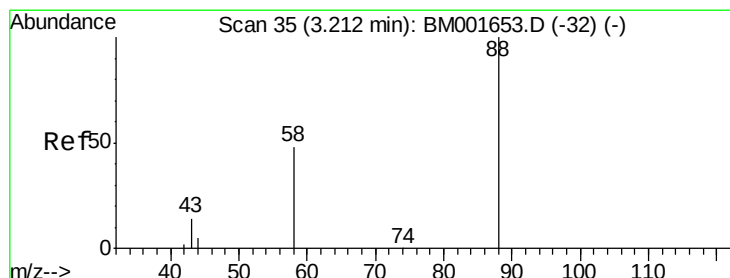
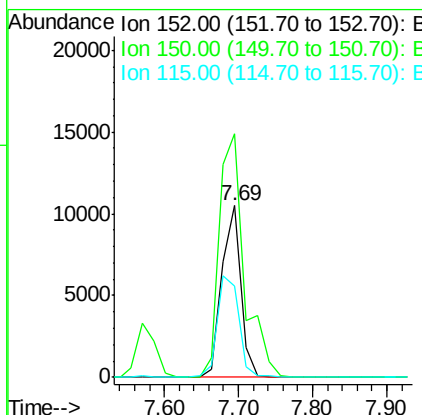
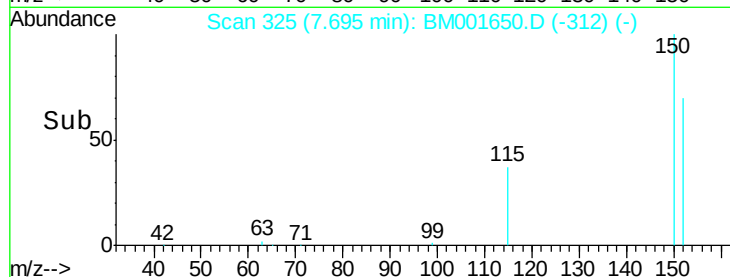
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.69 min Scan# 325
 Delta R.T. -0.00 min
 Lab File: BM001650.D
 Acq: 11 Jun 2015 20:22

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Tgt Ion:152 Resp: 18288
 Ion Ratio Lower Upper
 152 100
 150 142.1 112.2 168.2
 115 52.9 41.7 62.5

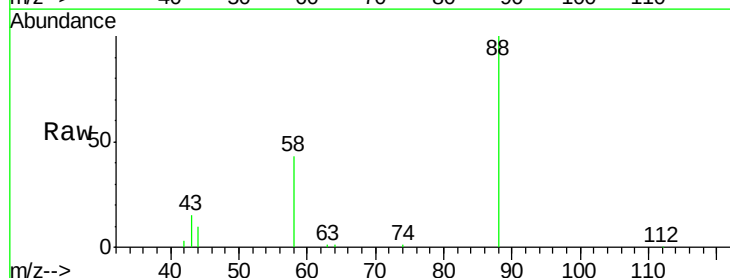


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

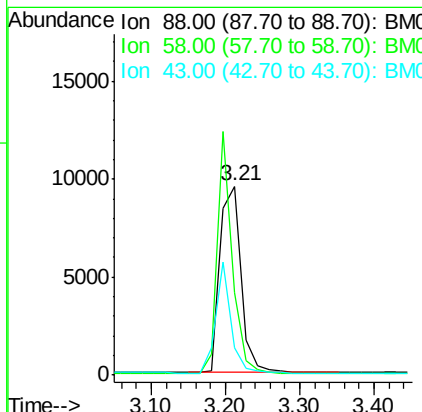
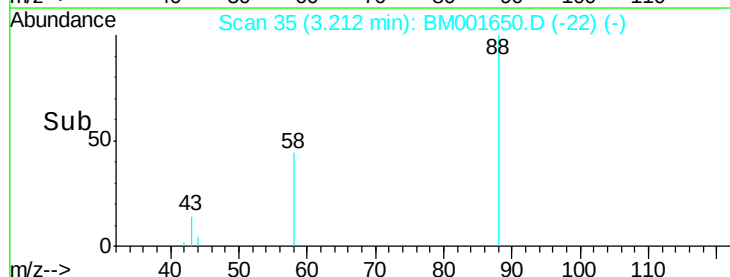


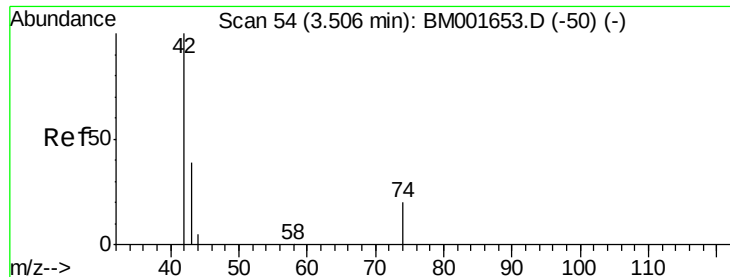
#2
 1,4-Dioxane
 Concen: 9.22 ng
 RT: 3.21 min Scan# 35
 Delta R.T. -0.00 min
 Lab File: BM001650.D
 Acq: 11 Jun 2015 20:22

Tgt Ion: 88 Resp: 18692
 Ion Ratio Lower Upper
 88 100
 58 92.1 70.5 105.7
 43 42.9 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: 11.48 ng

RT: 3.51 min Scan# 54

Delta R.T. 0.00 min

Lab File: BM001650.D

Acq: 11 Jun 2015 20:22

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

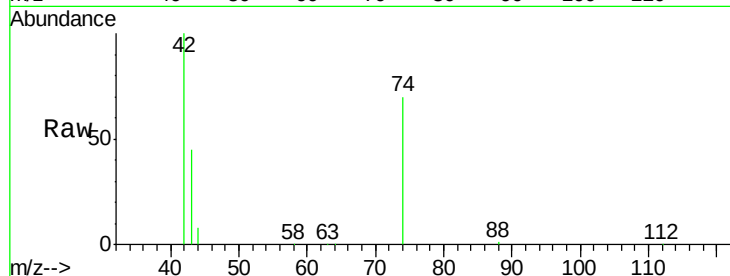
Tgt Ion: 42 Resp: 33515

Ion Ratio Lower Upper

42 100

74 95.0 75.7 113.5

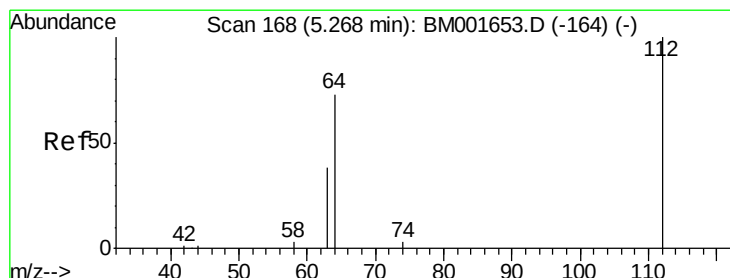
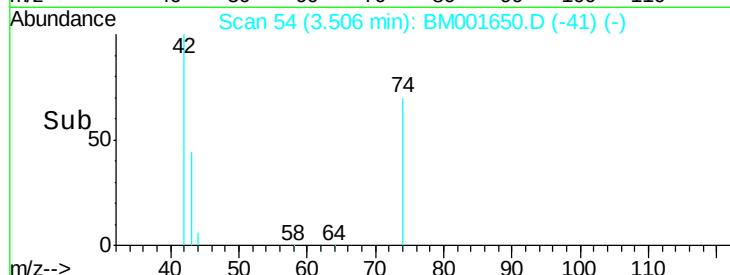
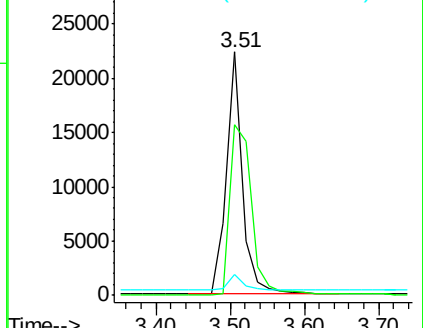
44 5.9 6.7 10.1#



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: 10.48 ng

RT: 5.27 min Scan# 168

Delta R.T. -0.00 min

Lab File: BM001650.D

Acq: 11 Jun 2015 20:22

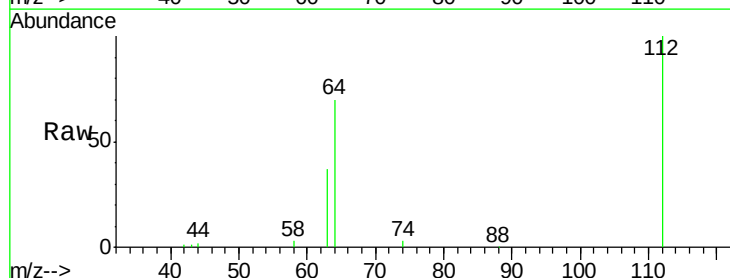
Tgt Ion: 112 Resp: 43682

Ion Ratio Lower Upper

112 100

64 69.4 55.5 83.3

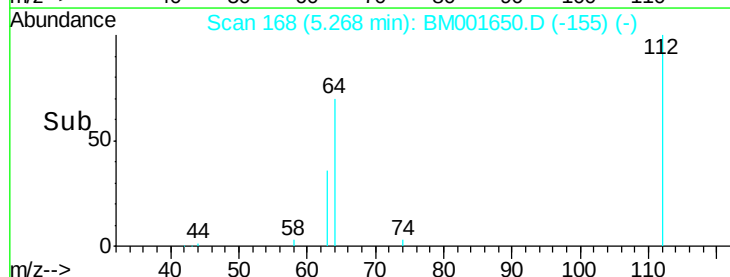
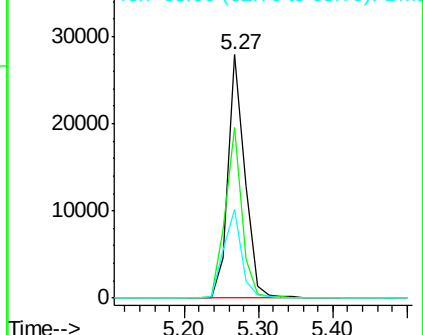
63 38.4 29.9 44.9

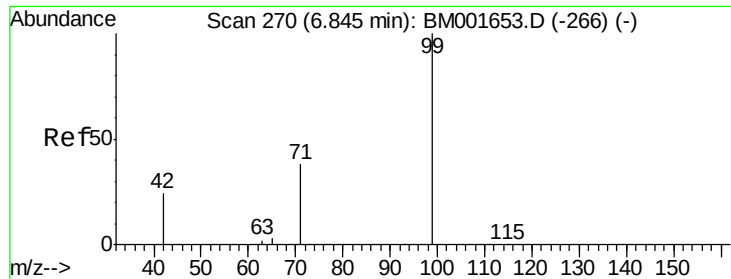


Abundance Ion 112.00 (111.70 to 112.70): BM001653.D (-164) (-)

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: 11.27 ng

RT: 6.84 min Scan# 270

Delta R.T. -0.00 min

Lab File: BM001650.D

Acq: 11 Jun 2015 20:22

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

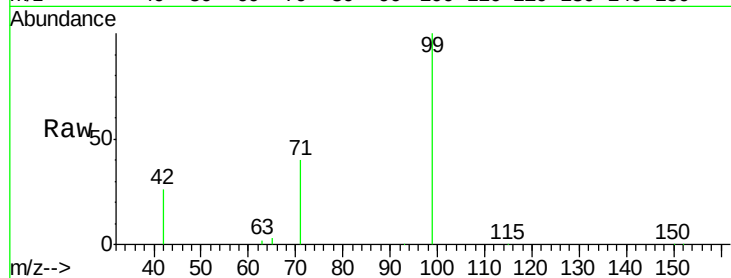
Tgt Ion: 99 Resp: 57934

Ion Ratio Lower Upper

99 100

42 28.0 21.6 32.4

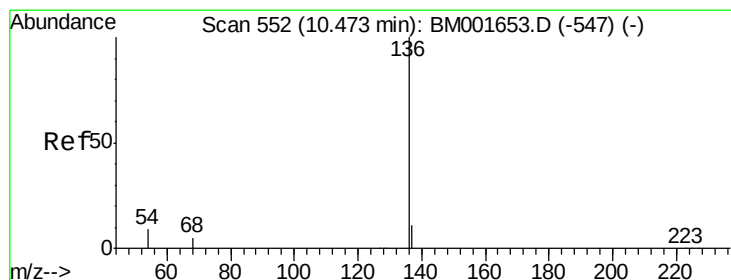
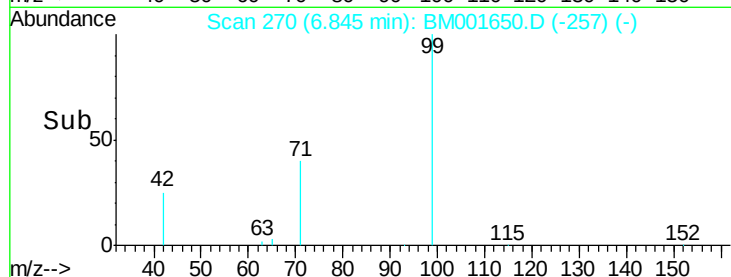
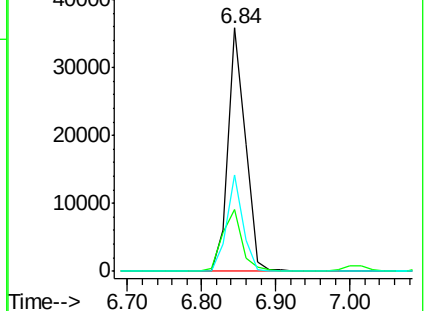
71 37.1 28.7 43.1



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: BM001650.D

Acq: 11 Jun 2015 20:22

Tgt Ion: 136 Resp: 68969

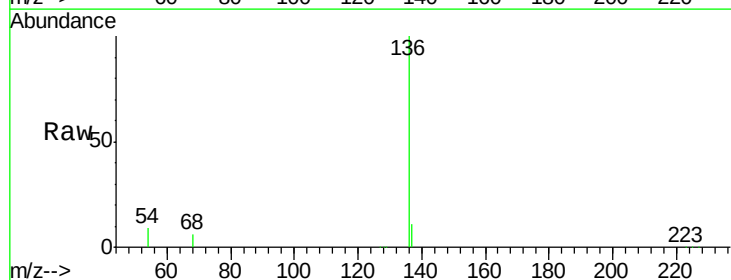
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 9.5 6.9 10.3

68 5.8 4.4 6.6

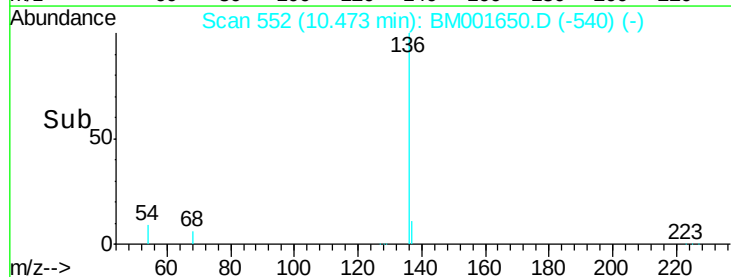
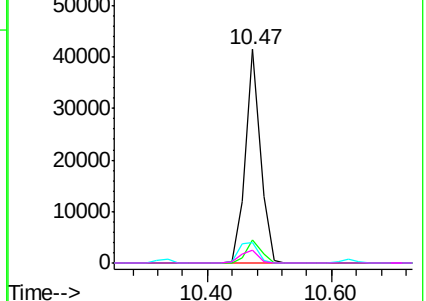


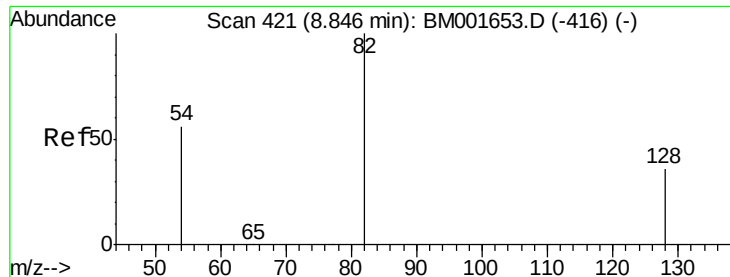
Abundance Ion 136.00 (135.70 to 136.70): BM001653.D (-547) (-)

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: 11.67 ng

RT: 8.85 min Scan# 421

Delta R.T. -0.00 min

Lab File: BM001650.D

Acq: 11 Jun 2015 20:22

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

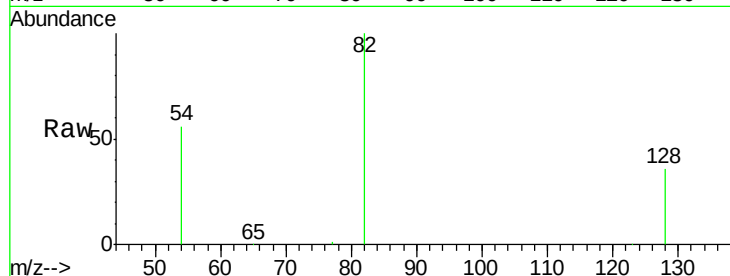
Tgt Ion: 82 Resp: 57132

Ion Ratio Lower Upper

82 100

128 35.6 29.7 44.5

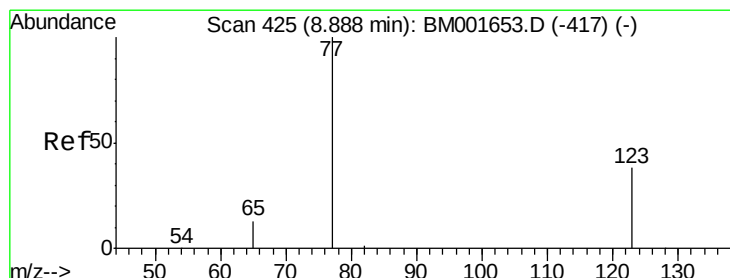
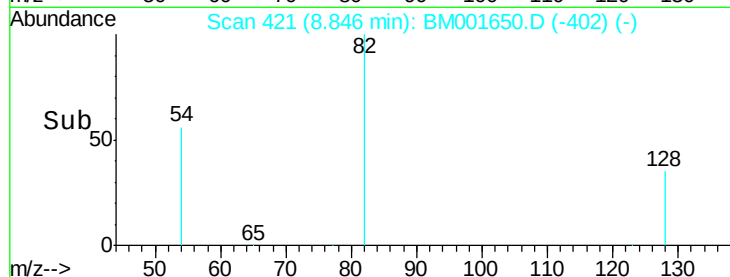
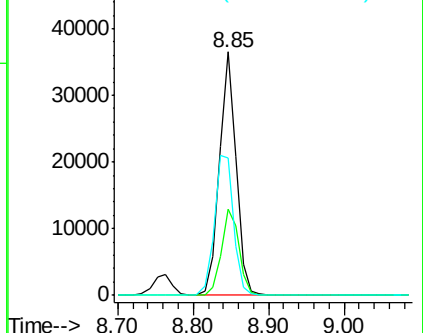
54 56.5 45.1 67.7



Abundance Ion 82.00 (81.70 to 82.70): BM001650.D (-416) (-)

Ion 128.00 (127.70 to 128.70): BM001650.D (-416) (-)

Ion 54.00 (53.70 to 54.70): BM001650.D (-416) (-)



#8

Nitrobenzene

Concen: 11.95 ng

RT: 8.89 min Scan# 425

Delta R.T. 0.00 min

Lab File: BM001650.D

Acq: 11 Jun 2015 20:22

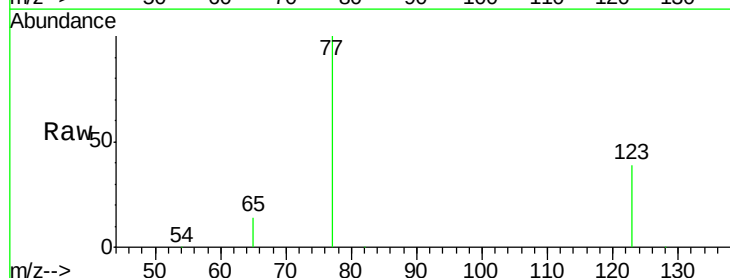
Tgt Ion: 77 Resp: 62969

Ion Ratio Lower Upper

77 100

123 39.6 30.3 45.5

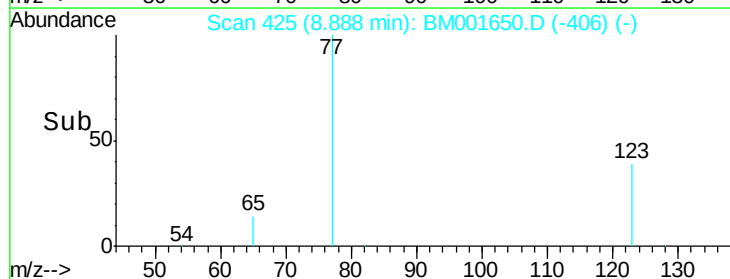
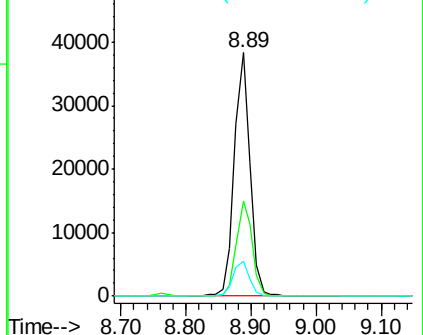
65 14.8 11.2 16.8

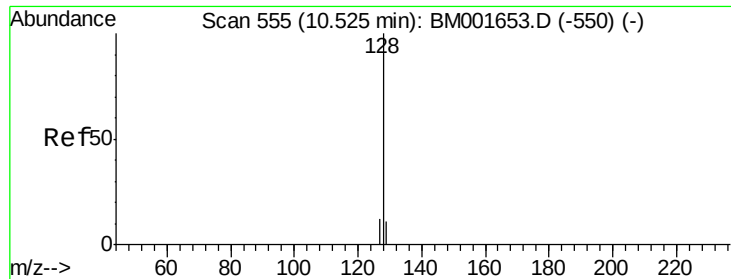


Abundance Ion 77.00 (76.70 to 77.70): BM001650.D (-417) (-)

Ion 123.00 (122.70 to 123.70): BM001650.D (-417) (-)

Ion 65.00 (64.70 to 65.70): BM001650.D (-417) (-)





#9

Naphthalene

Concen: 10.17 ng

RT: 10.52 min Scan# 555

Delta R.T. -0.00 min

Lab File: BM001650.D

Acq: 11 Jun 2015 20:22

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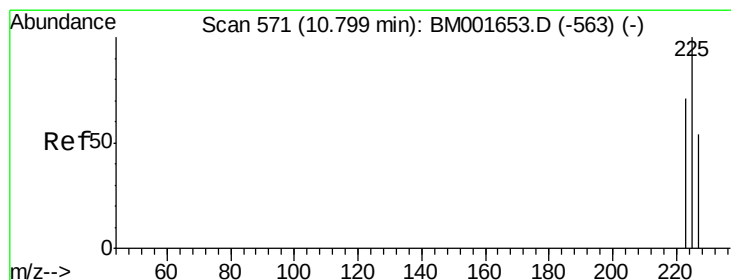
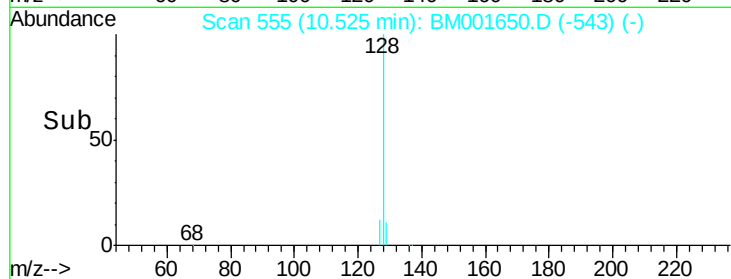
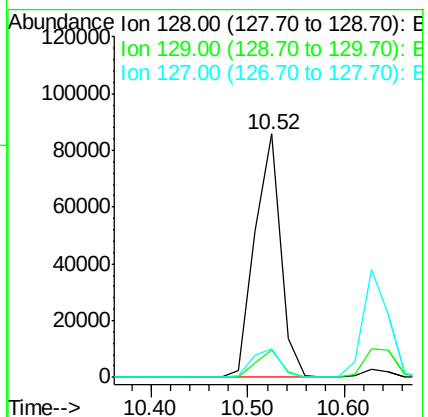
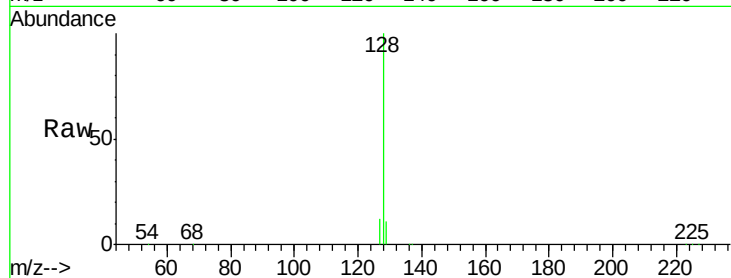
Tgt Ion:128 Resp: 157997

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.2

127 11.9 9.7 14.5



#10

Hexachlorobutadiene

Concen: 9.93 ng

RT: 10.82 min Scan# 572

Delta R.T. 0.02 min

Lab File: BM001650.D

Acq: 11 Jun 2015 20:22

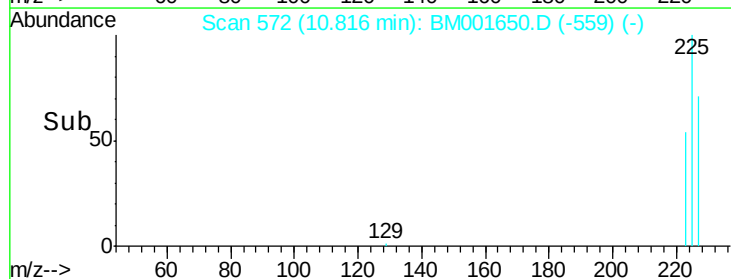
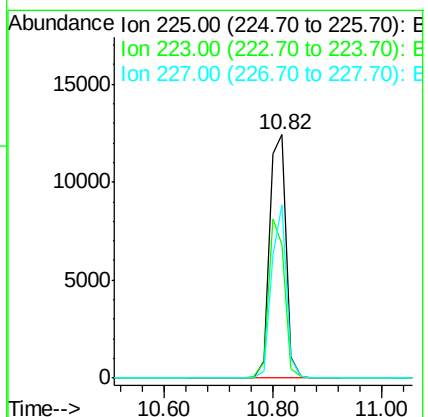
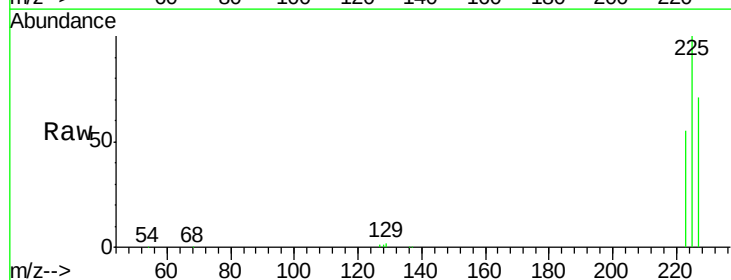
Tgt Ion:225 Resp: 26315

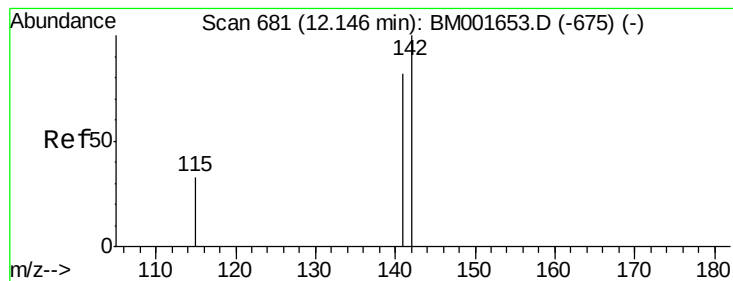
Ion Ratio Lower Upper

225 100

223 62.6 51.0 76.4

227 63.7 51.2 76.8





#11

2-Methylnaphthalene

Concen: 11.00 ng

RT: 12.15 min Scan# 681

Delta R.T. 0.00 min

Lab File: BM001650.D

Acq: 11 Jun 2015 20:22

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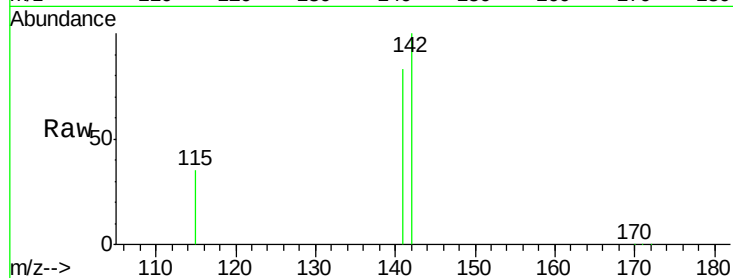
Tgt Ion:142 Resp: 105533

Ion Ratio Lower Upper

142 100

141 82.7 65.8 98.6

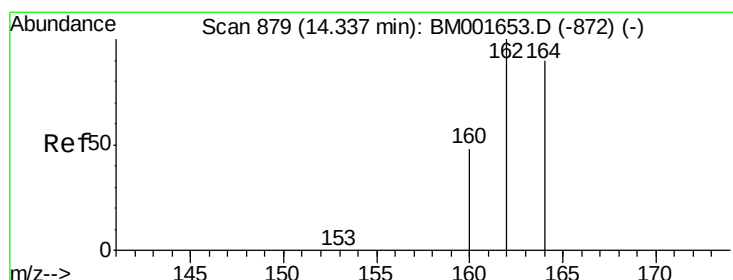
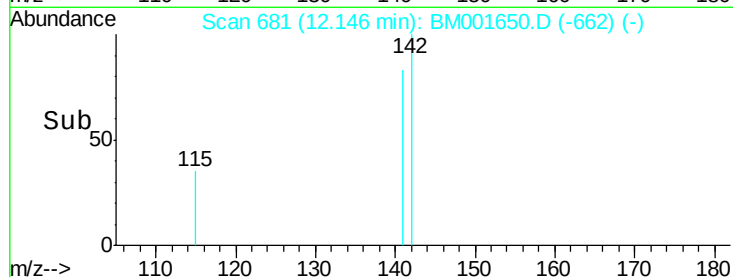
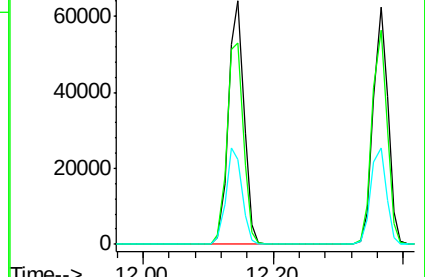
115 35.0 27.0 40.6



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: BM001650.D

Acq: 11 Jun 2015 20:22

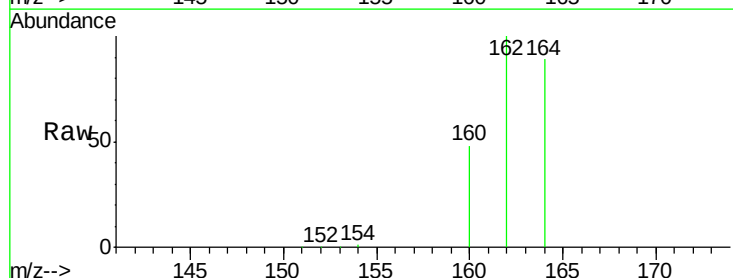
Tgt Ion:164 Resp: 35076

Ion Ratio Lower Upper

164 100

162 112.7 89.0 133.4

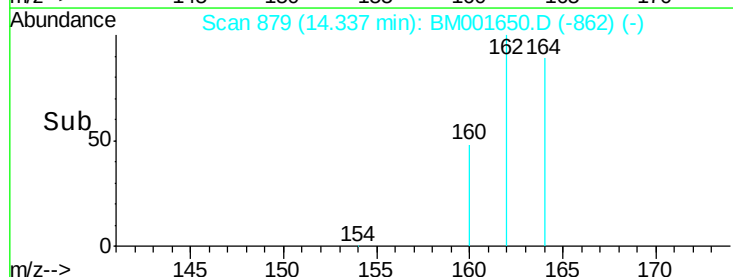
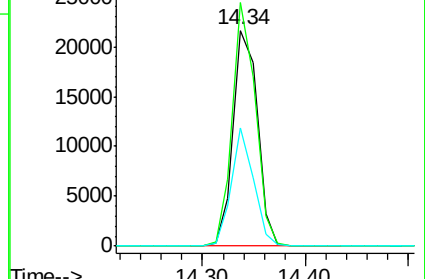
160 54.6 42.6 63.8

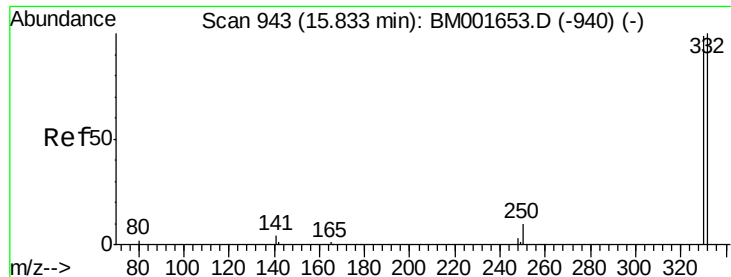


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

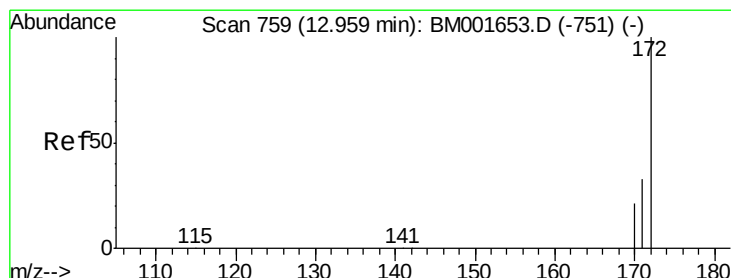
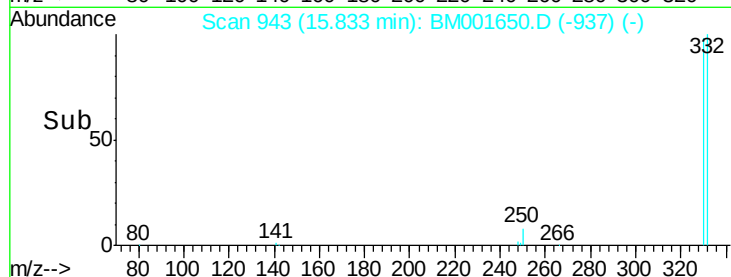
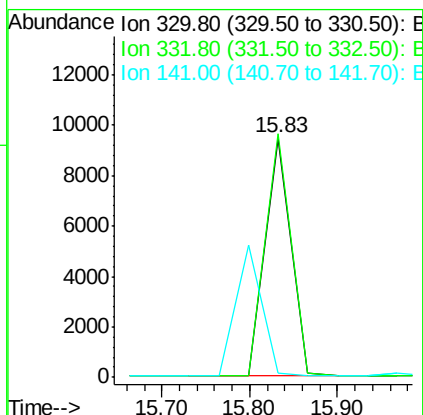
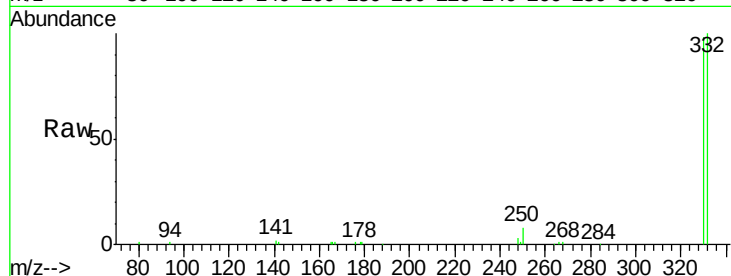




#13
 2,4,6-Tribromophenol
 Concen: 13.99 ng
 RT: 15.83 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BM001650.D
 Acq: 11 Jun 2015 20:22

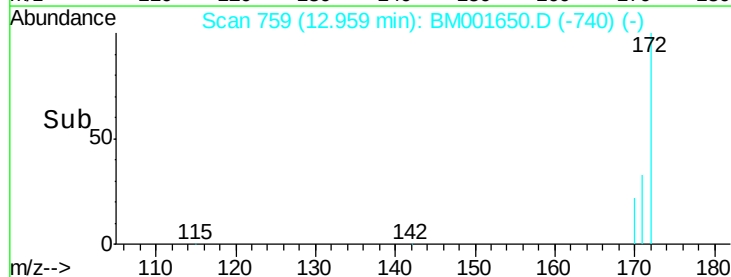
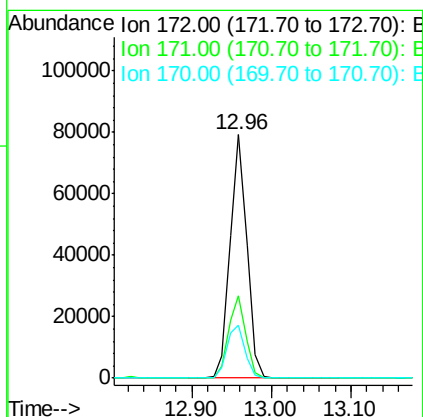
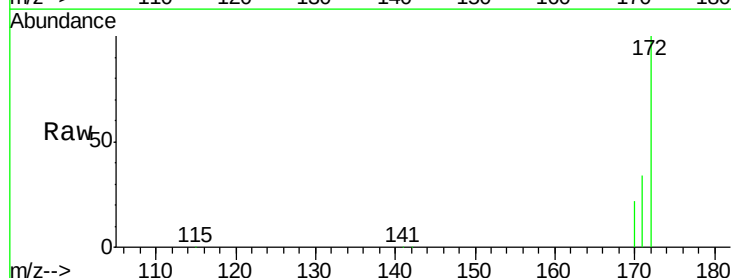
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

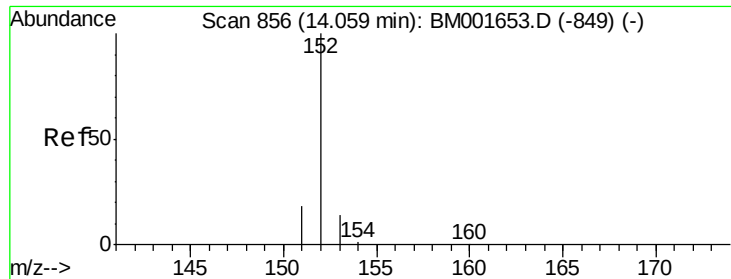
Tgt Ion:330 Resp: 19642
 Ion Ratio Lower Upper
 330 100
 332 101.7 80.6 120.8
 141 0.0 0.0 0.0



#14
 2-Fluorobiphenyl
 Concen: 10.09 ng
 RT: 12.96 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BM001650.D
 Acq: 11 Jun 2015 20:22

Tgt Ion:172 Resp: 115486
 Ion Ratio Lower Upper
 172 100
 171 33.6 26.6 40.0
 170 21.7 17.1 25.7

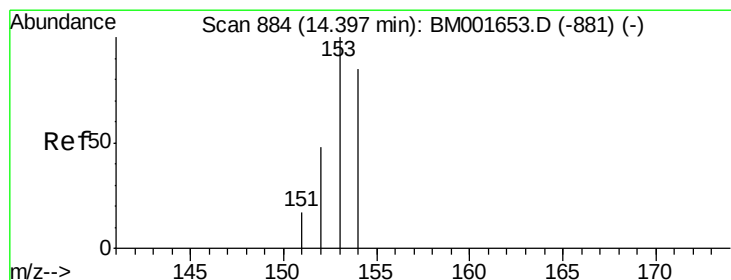
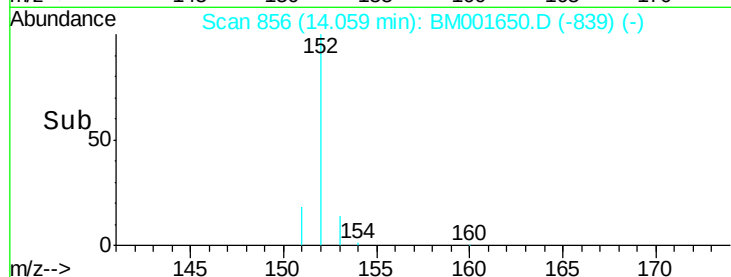
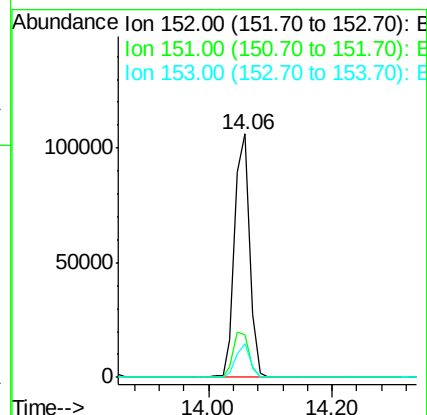
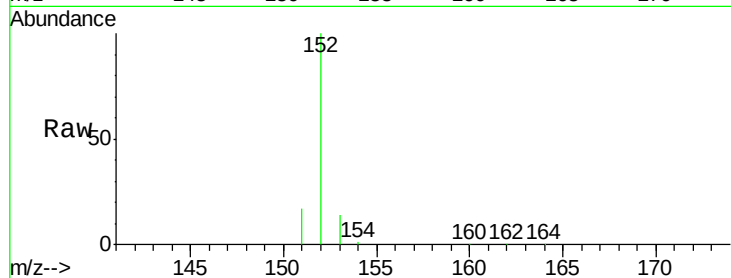




#15
Acenaphthylene
Concen: 11.21 ng
RT: 14.06 min Scan# 856
Delta R.T. -0.00 min
Lab File: BM001650.D
Acq: 11 Jun 2015 20:22

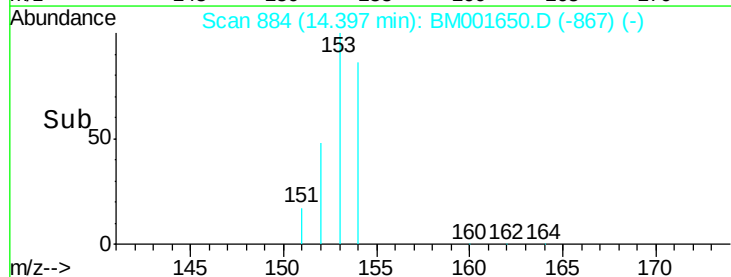
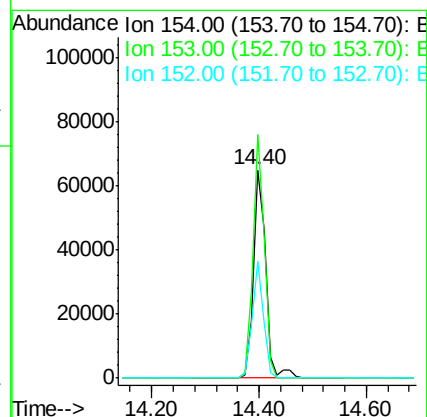
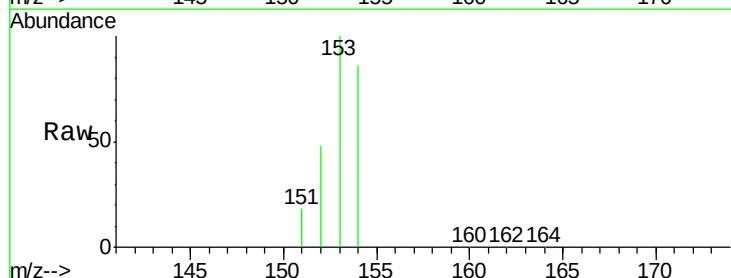
Instrument :
BNA_M
ClientSampleId :
SSTDIC010

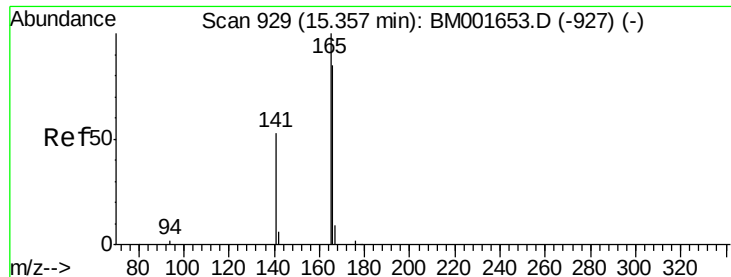
Tgt Ion:152 Resp: 176901
Ion Ratio Lower Upper
152 100
151 19.2 15.5 23.3
153 12.9 10.2 15.4



#16
Acenaphthene
Concen: 10.51 ng
RT: 14.40 min Scan# 884
Delta R.T. -0.00 min
Lab File: BM001650.D
Acq: 11 Jun 2015 20:22

Tgt Ion:154 Resp: 104148
Ion Ratio Lower Upper
154 100
153 107.2 91.0 136.6
152 51.2 43.8 65.8

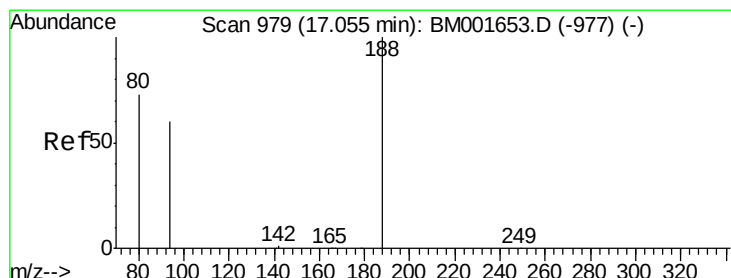
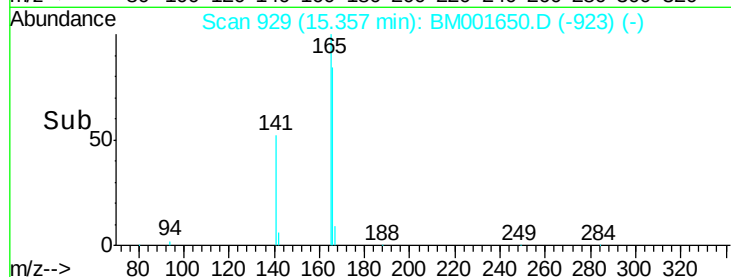
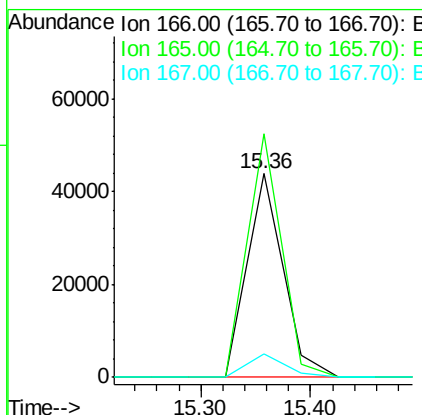
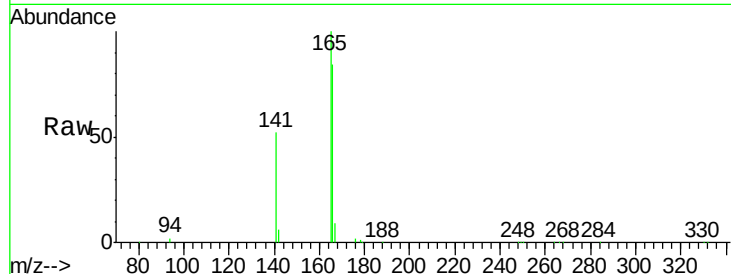




#17
Fluorene
 Concen: 13.58 ng
 RT: 15.36 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: BM001650.D
 Acq: 11 Jun 2015 20:22

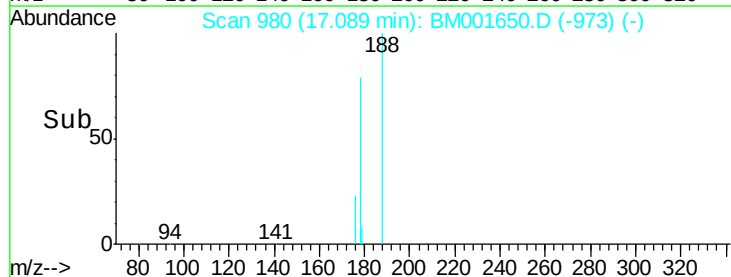
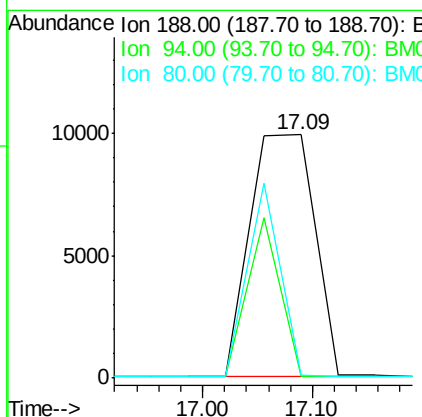
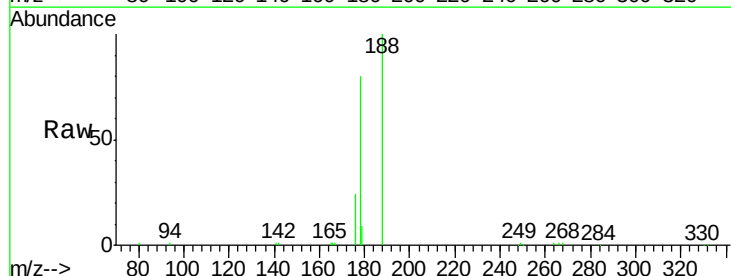
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

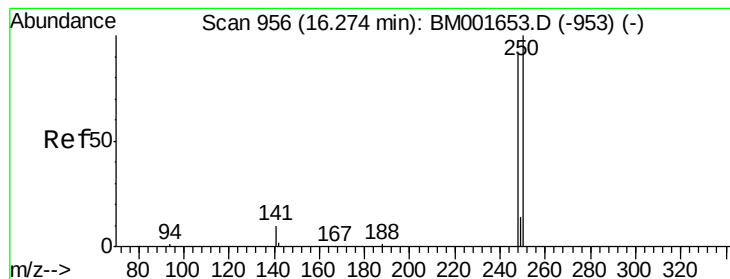
Tgt Ion:166 Resp: 98896
 Ion Ratio Lower Upper
 166 100
 165 114.1 90.7 136.1
 167 11.8 9.4 14.0



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.09 min Scan# 980
 Delta R.T. 0.03 min
 Lab File: BM001650.D
 Acq: 11 Jun 2015 20:22

Tgt Ion:188 Resp: 40369
 Ion Ratio Lower Upper
 188 100
 94 0.9 48.3 72.5#
 80 1.0 58.6 88.0#





#19

4-Bromophenyl-phenylether

Concen: 11.98 ng

RT: 16.27 min Scan# 956

Delta R.T. 0.00 min

Lab File: BM001650.D

Acq: 11 Jun 2015 20:22

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

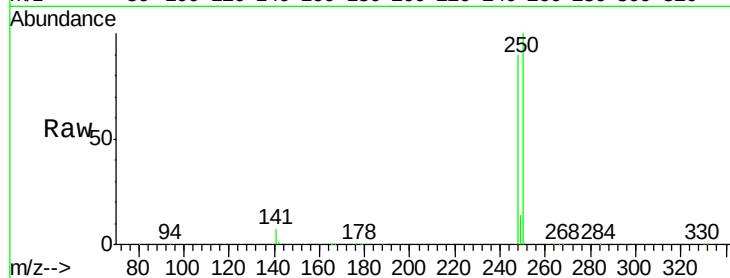
Tgt Ion:248 Resp: 46375

Ion Ratio Lower Upper

248 100

250 111.3 87.5 131.3

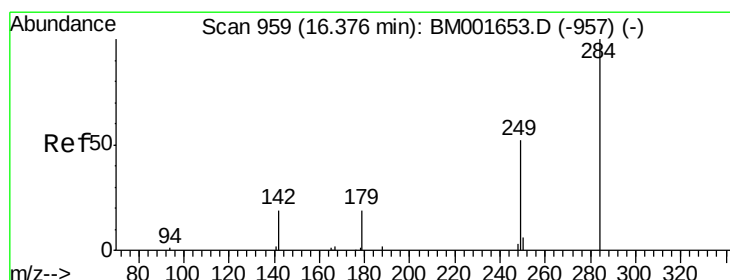
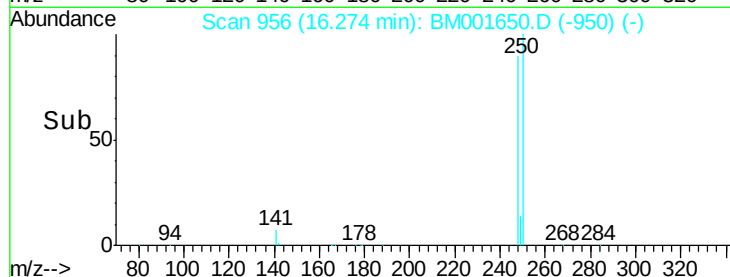
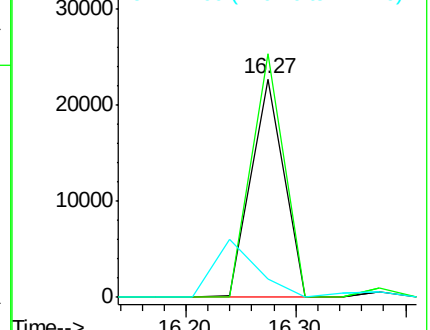
141 0.0 0.0 0.0



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: 14.68 ng

RT: 16.38 min Scan# 959

Delta R.T. -0.00 min

Lab File: BM001650.D

Acq: 11 Jun 2015 20:22

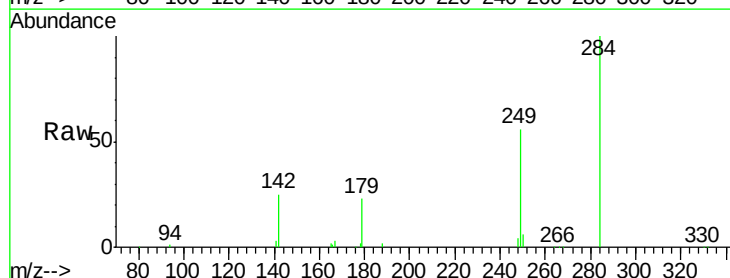
Tgt Ion:284 Resp: 34672

Ion Ratio Lower Upper

284 100

142 32.0 21.5 32.3

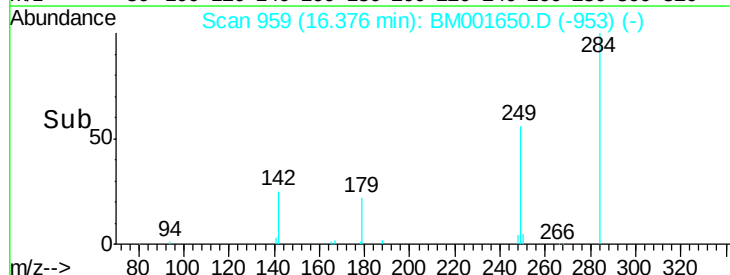
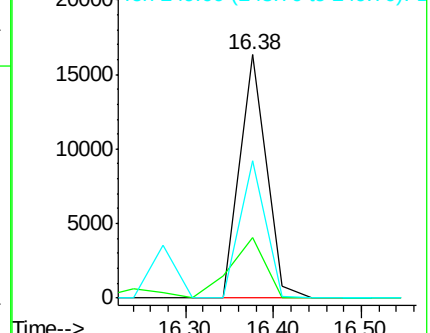
249 54.0 53.8 80.6

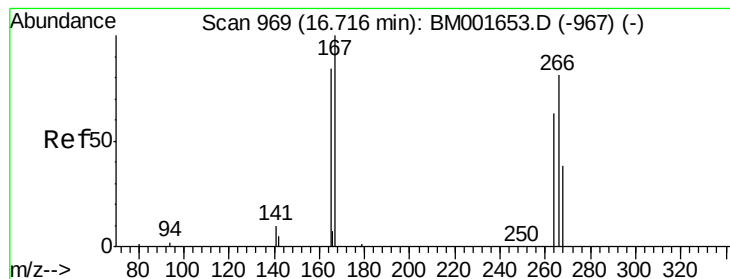


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 20.39 ng

RT: 16.72 min Scan# 969

Delta R.T. 0.00 min

Lab File: BM001650.D

Acq: 11 Jun 2015 20:22

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

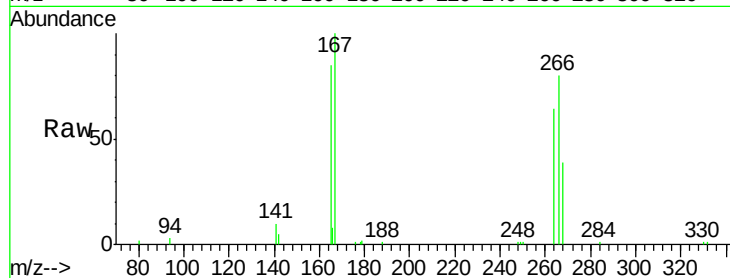
Tgt Ion:266 Resp: 14977

Ion Ratio Lower Upper

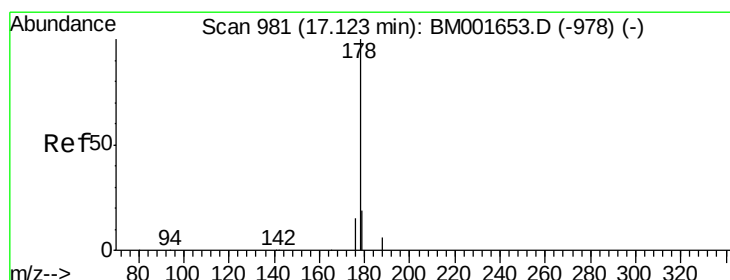
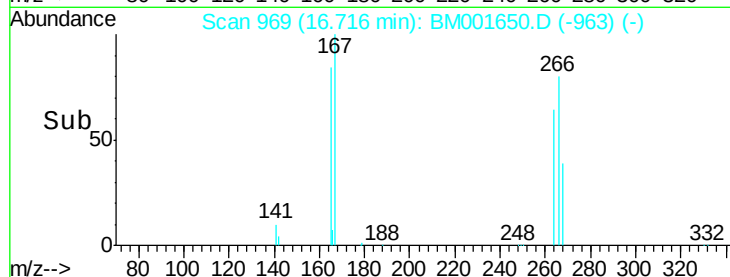
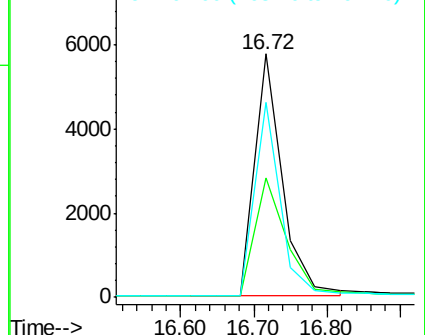
266 100

268 49.2 43.3 64.9

264 80.0 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: 9.92 ng

RT: 17.12 min Scan# 981

Delta R.T. 0.00 min

Lab File: BM001650.D

Acq: 11 Jun 2015 20:22

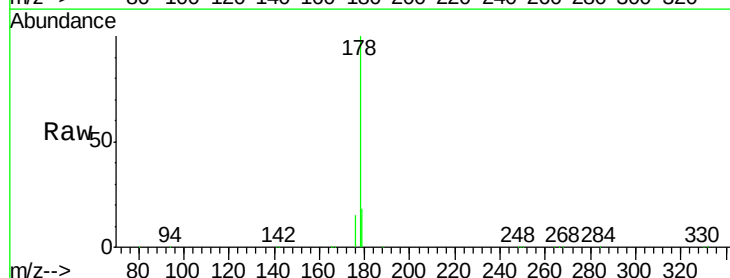
Tgt Ion:178 Resp: 138050

Ion Ratio Lower Upper

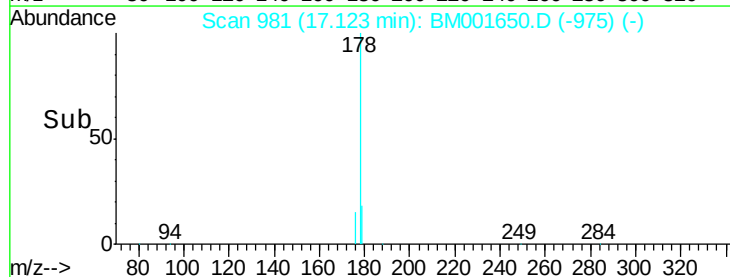
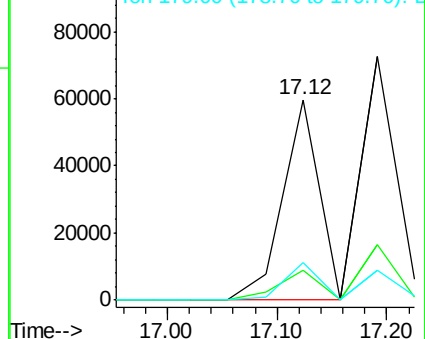
178 100

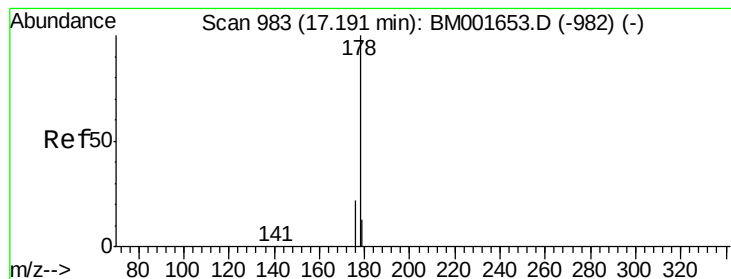
176 0.0 0.0 0.0

179 32.6 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: 12.45 ng

RT: 17.12 min Scan# 981

Delta R.T. -0.07 min

Lab File: BM001650.D

Acq: 11 Jun 2015 20:22

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

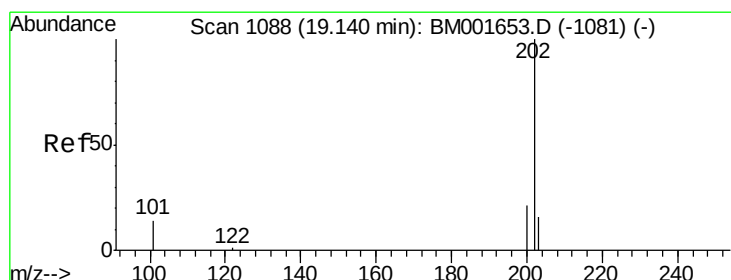
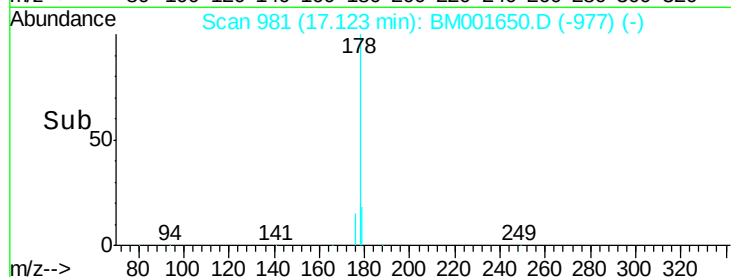
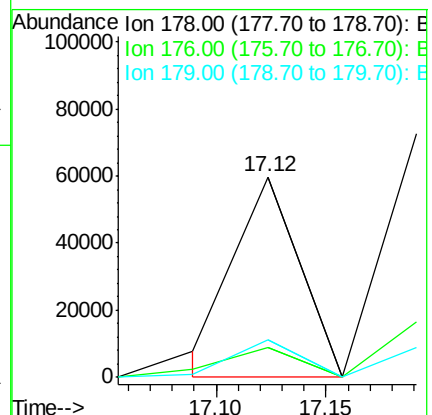
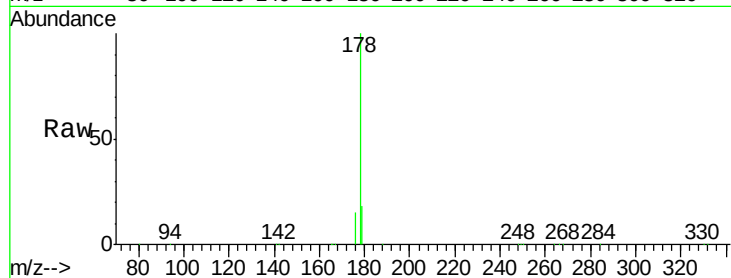
Tgt Ion:178 Resp: 121373

Ion Ratio Lower Upper

178 100

176 0.0 0.0 0.0

179 35.6 21.4 32.0#



#24

Fluoranthene

Concen: 13.56 ng

RT: 19.14 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BM001650.D

Acq: 11 Jun 2015 20:22

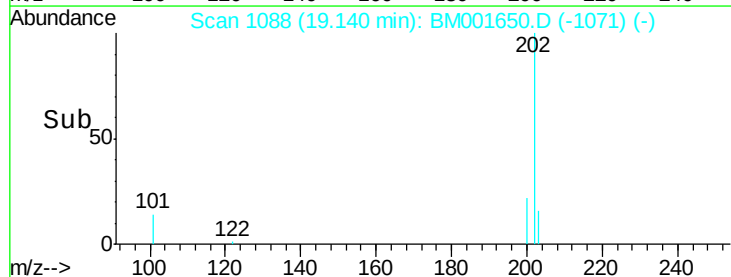
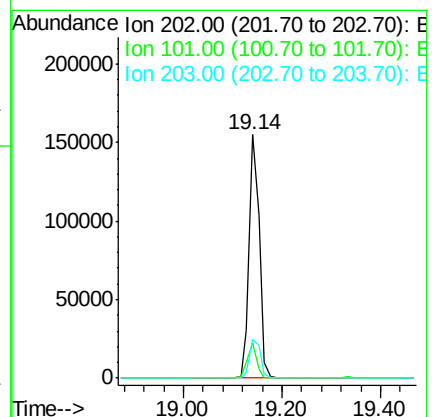
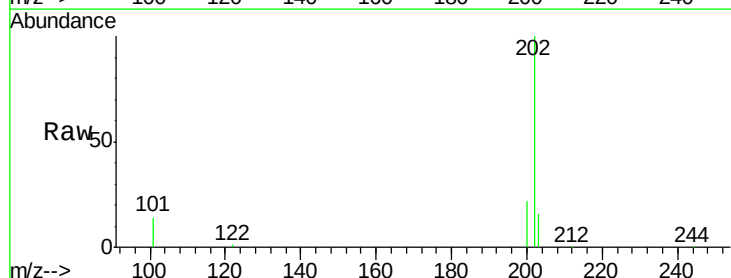
Tgt Ion:202 Resp: 219476

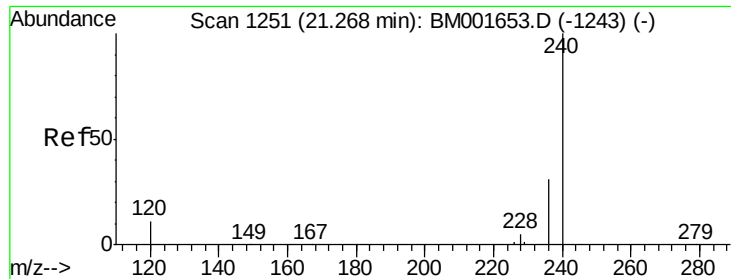
Ion Ratio Lower Upper

202 100

101 13.0 10.8 16.2

203 17.3 13.8 20.8

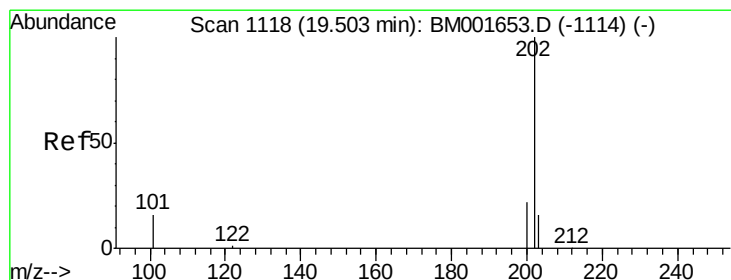
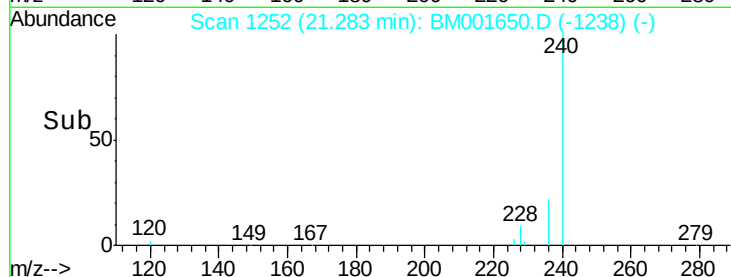
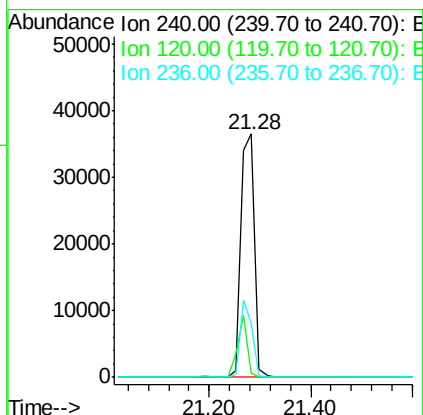
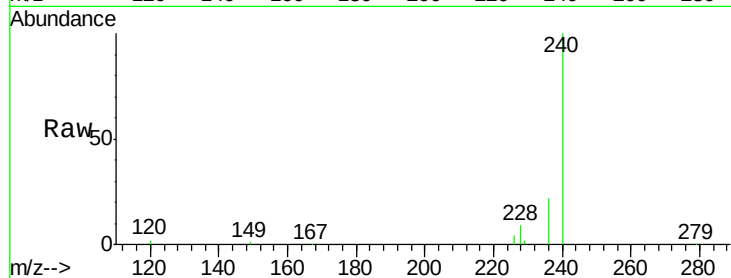




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1252
Delta R.T. 0.02 min
Lab File: BM001650.D
Acq: 11 Jun 2015 20:22

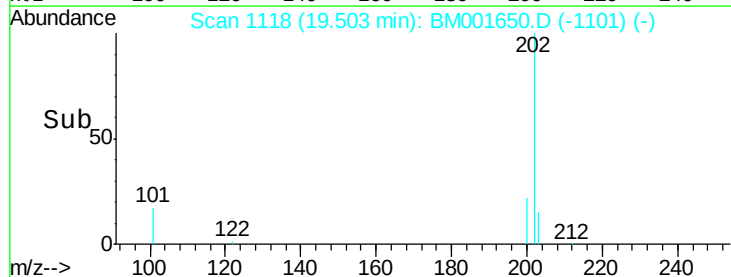
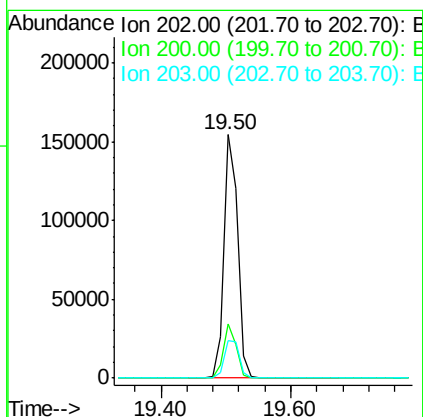
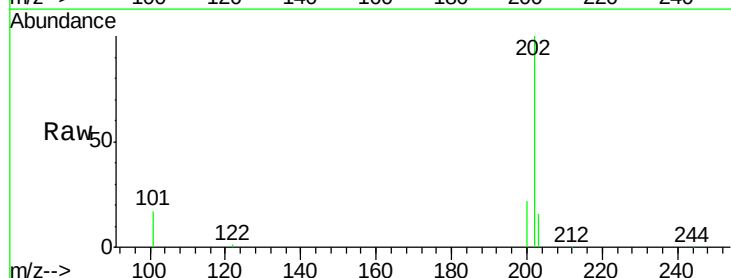
Instrument :
BNA_M
ClientSampleId :
SSTDIC010

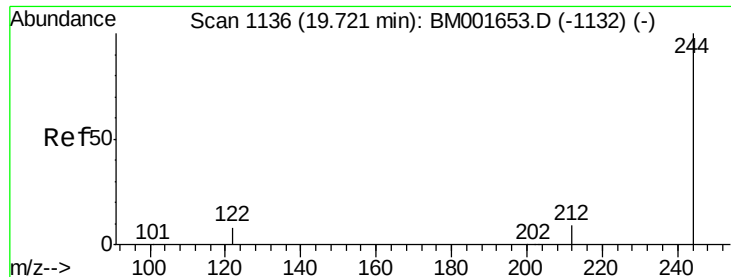
Tgt Ion:240 Resp: 67948
Ion Ratio Lower Upper
240 100
120 1.8 8.9 13.3#
236 22.4 24.6 36.8#



#26
Pyrene
Concen: 10.41 ng
RT: 19.50 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BM001650.D
Acq: 11 Jun 2015 20:22

Tgt Ion:202 Resp: 231204
Ion Ratio Lower Upper
202 100
200 20.7 16.6 24.8
203 17.3 13.8 20.8

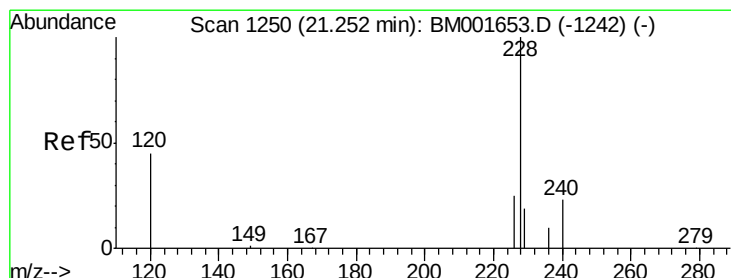
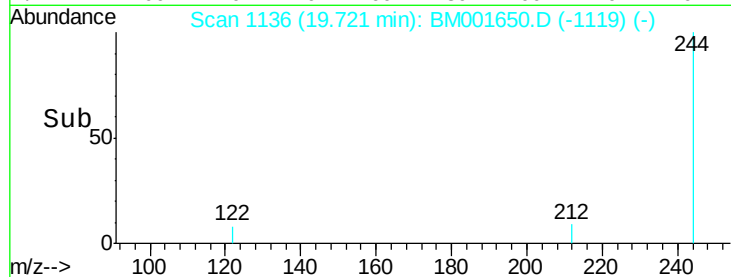
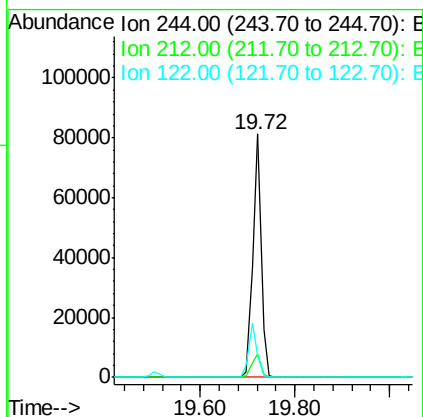
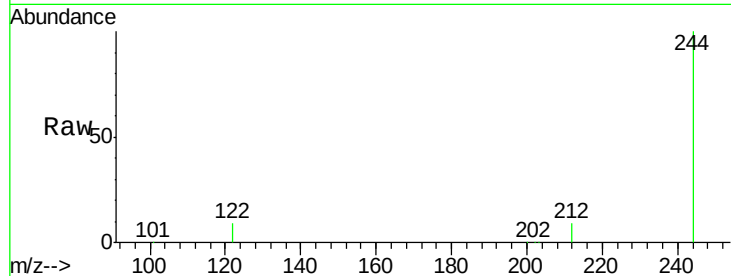




#27
 Terphenyl-d14
 Concen: 10.96 ng
 RT: 19.72 min Scan# 1136
 Delta R.T. -0.00 min
 Lab File: BM001650.D
 Acq: 11 Jun 2015 20:22

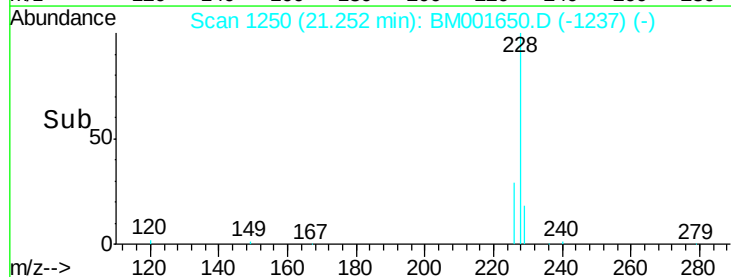
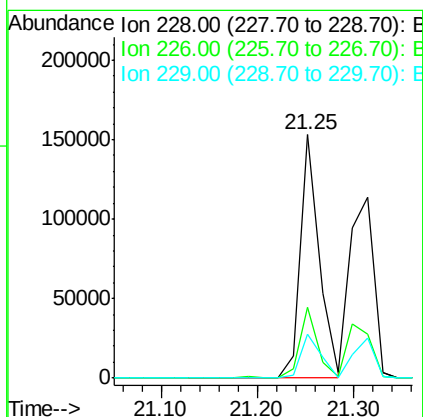
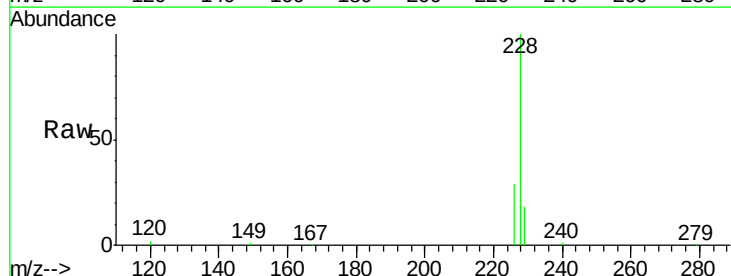
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

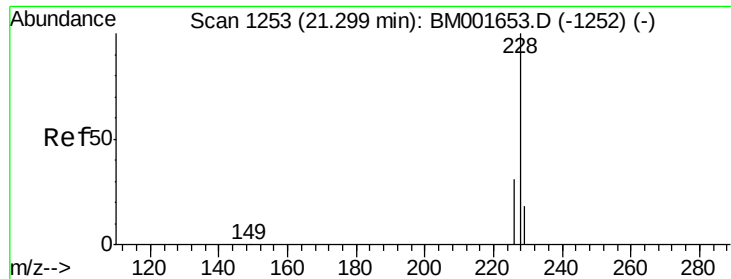
Tgt Ion:244 Resp: 99297
 Ion Ratio Lower Upper
 244 100
 212 9.4 7.7 11.5
 122 8.9 6.9 10.3



#28
 Benzo(a)anthracene
 Concen: 10.34 ng
 RT: 21.25 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BM001650.D
 Acq: 11 Jun 2015 20:22

Tgt Ion:228 Resp: 207649
 Ion Ratio Lower Upper
 228 100
 226 28.9 20.2 30.4
 229 17.9 15.7 23.5





#29

Chrysene

Concen: 10.96 ng

RT: 21.25 min Scan# 1250

Delta R.T. -0.05 min

Lab File: BM001650.D

Acq: 11 Jun 2015 20:22

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

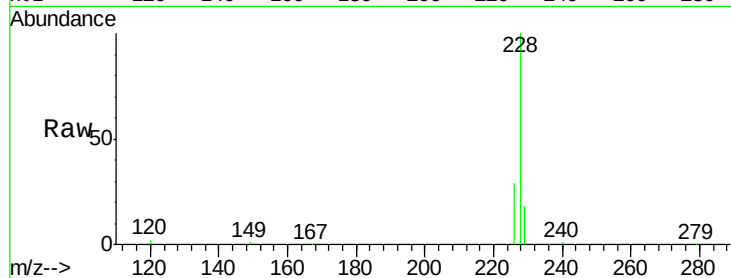
Tgt Ion:228 Resp: 207631

Ion Ratio Lower Upper

228 100

226 28.9 25.8 38.8

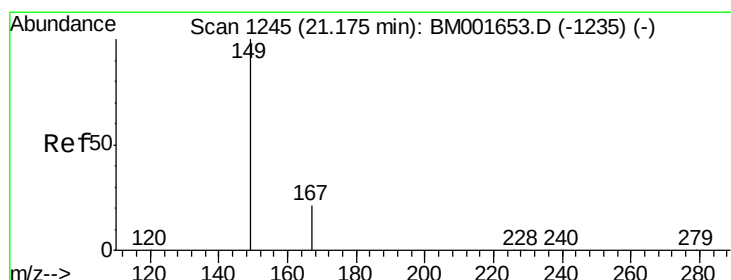
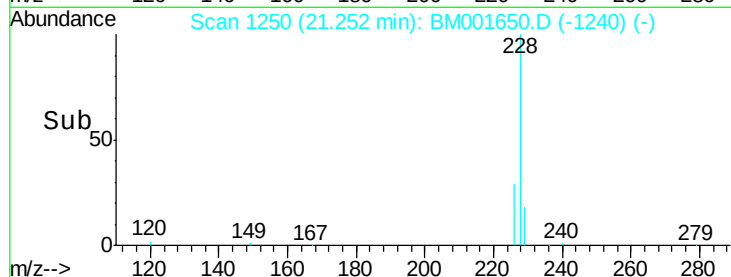
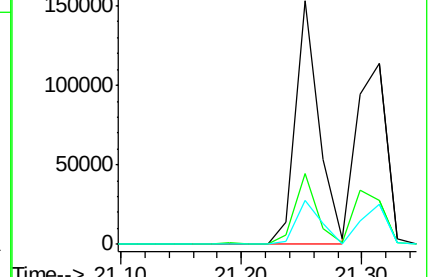
229 17.9 14.1 21.1



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: 13.64 ng

RT: 21.19 min Scan# 1246

Delta R.T. 0.02 min

Lab File: BM001650.D

Acq: 11 Jun 2015 20:22

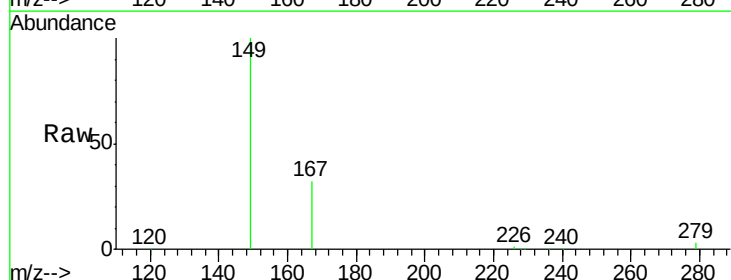
Tgt Ion:149 Resp: 158980

Ion Ratio Lower Upper

149 100

167 26.0 20.2 30.2

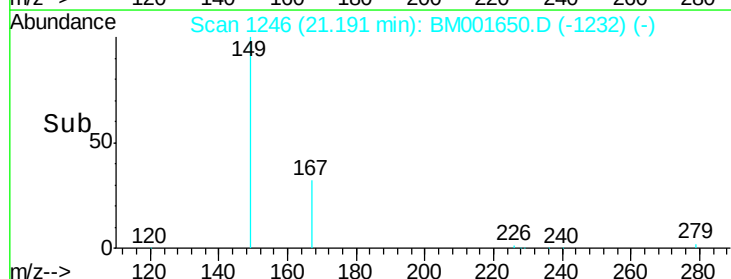
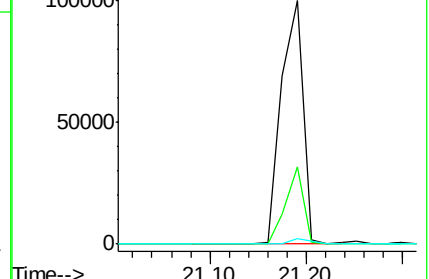
279 2.1 1.7 2.5

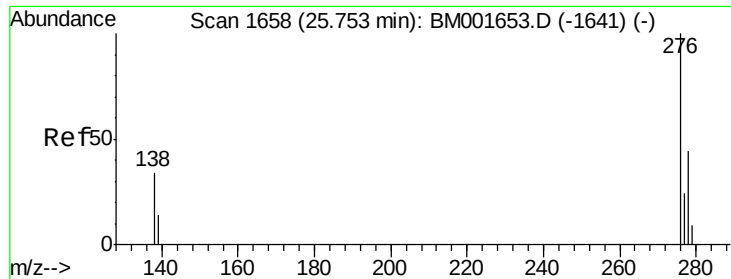


Abundance Ion 149.00 (148.70 to 149.70): E

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: 9.41 ng

RT: 25.76 min Scan# 1659

Delta R.T. 0.01 min

Lab File: BM001650.D

Acq: 11 Jun 2015 20:22

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

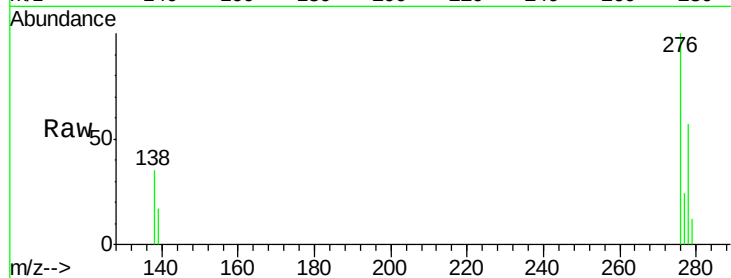
Tgt Ion: 276 Resp: 174415

Ion Ratio Lower Upper

276 100

138 36.0 28.8 43.2

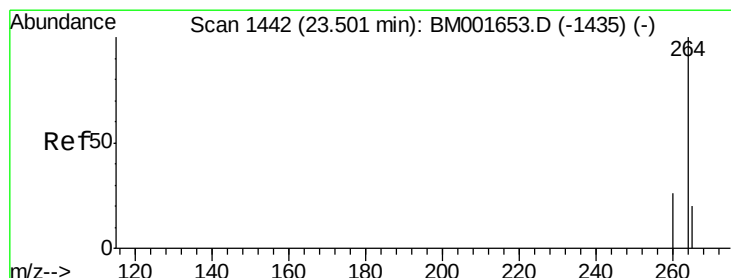
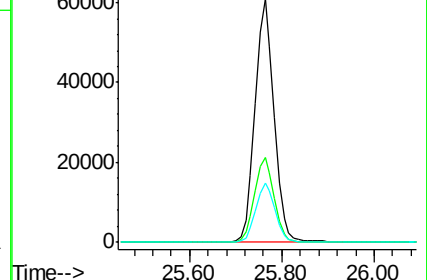
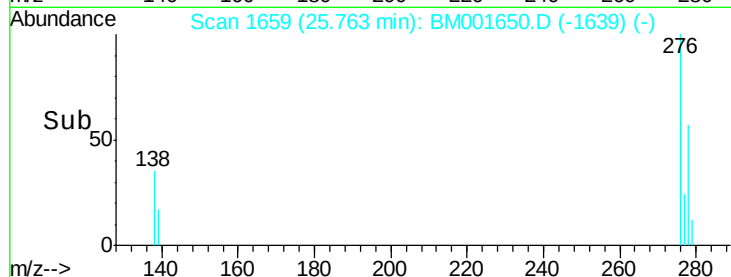
277 24.7 19.6 29.4



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: BM001650.D

Acq: 11 Jun 2015 20:22

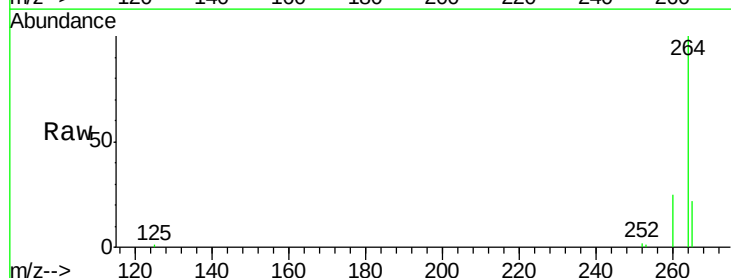
Tgt Ion: 264 Resp: 59280

Ion Ratio Lower Upper

264 100

260 24.7 20.8 31.2

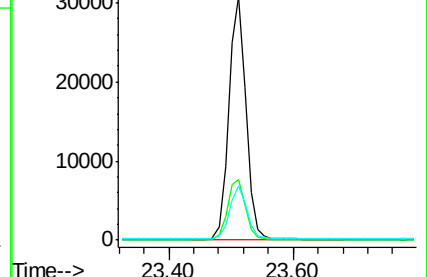
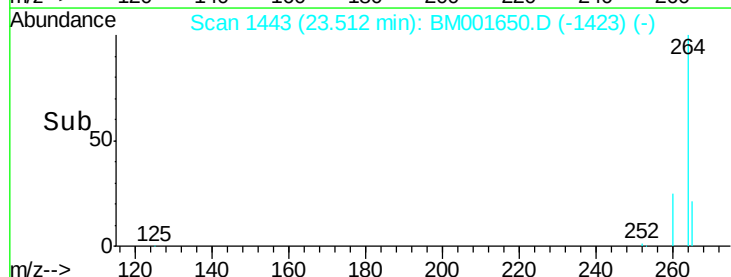
265 22.0 16.9 25.3

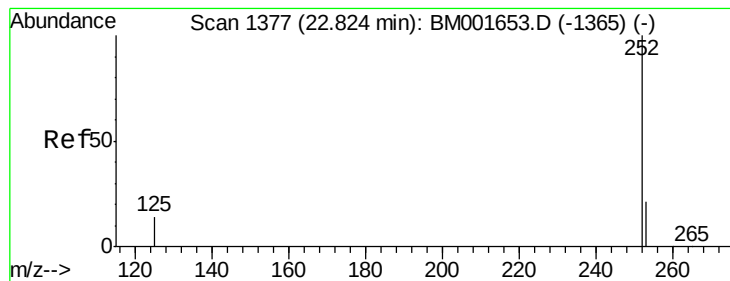


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 10.79 ng

RT: 22.83 min Scan# 1378

Delta R.T. 0.01 min

Lab File: BM001650.D

Acq: 11 Jun 2015 20:22

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

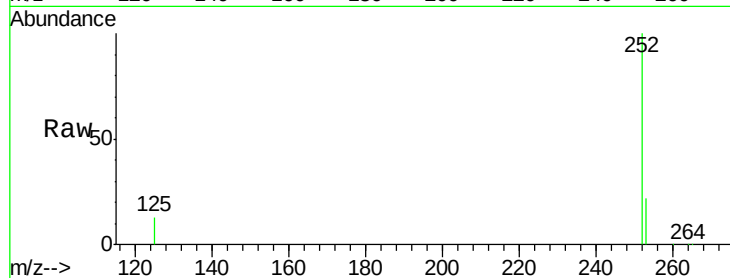
Tgt Ion:252 Resp: 193831

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

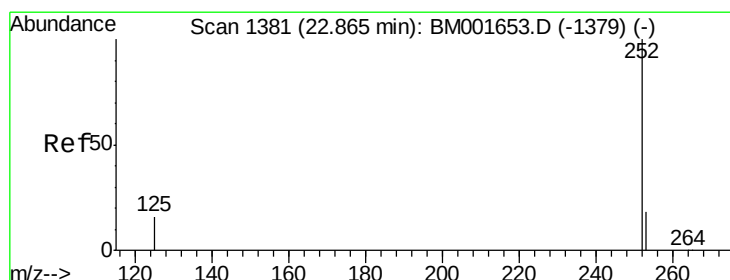
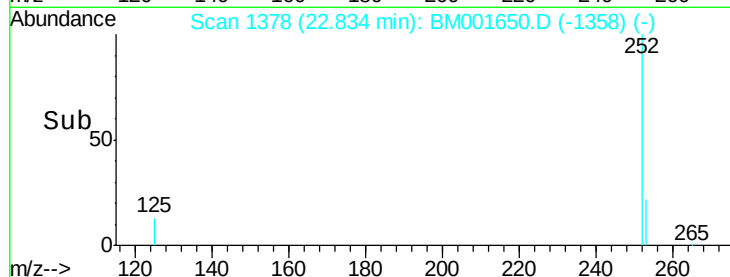
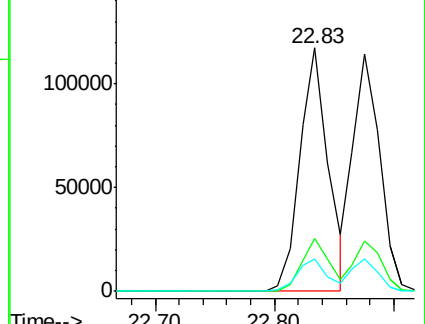
125 13.2 12.0 18.0



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: 10.34 ng

RT: 22.88 min Scan# 1382

Delta R.T. 0.01 min

Lab File: BM001650.D

Acq: 11 Jun 2015 20:22

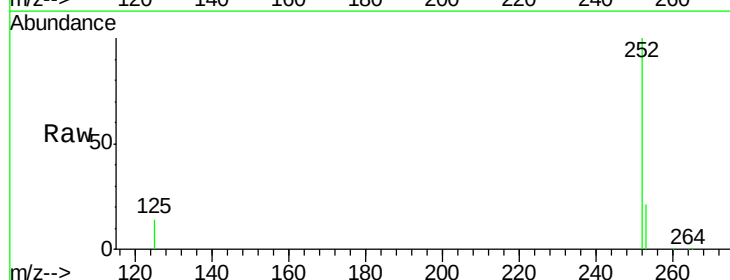
Tgt Ion:252 Resp: 179100

Ion Ratio Lower Upper

252 100

253 21.1 17.0 25.6

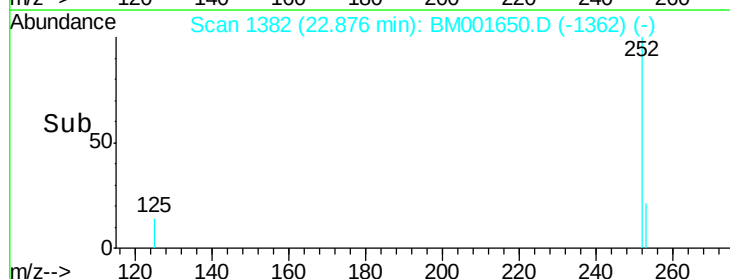
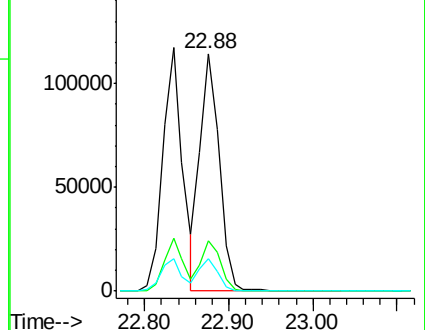
125 13.9 12.5 18.7

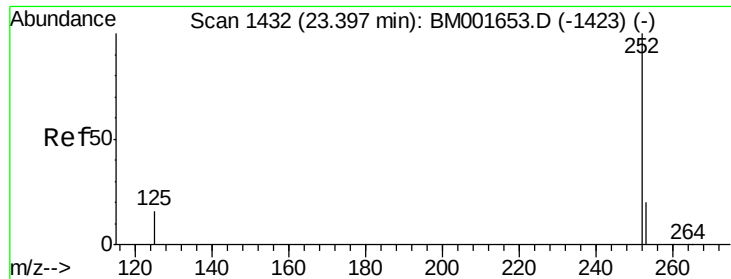


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 10.58 ng

RT: 23.41 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BM001650.D

Acq: 11 Jun 2015 20:22

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

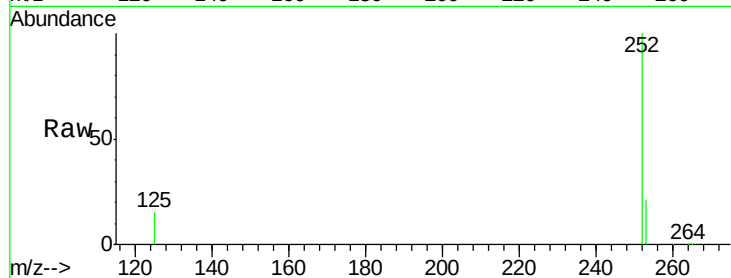
Tgt Ion:252 Resp: 166372

Ion Ratio Lower Upper

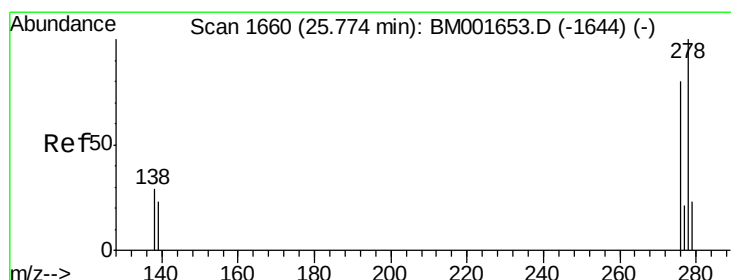
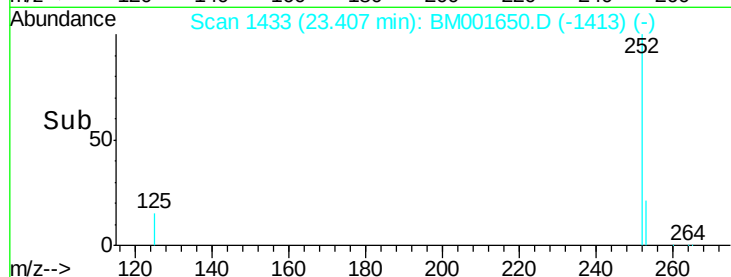
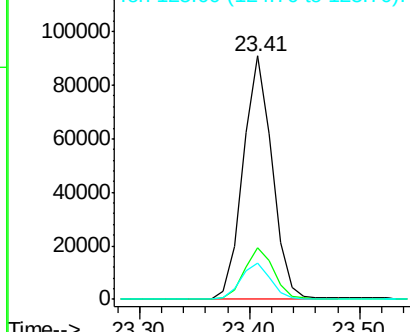
252 100

253 21.4 17.4 26.0

125 15.0 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: 9.69 ng

RT: 25.77 min Scan# 1660

Delta R.T. 0.00 min

Lab File: BM001650.D

Acq: 11 Jun 2015 20:22

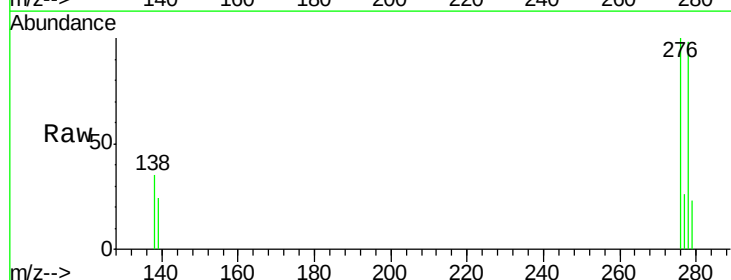
Tgt Ion:278 Resp: 137411

Ion Ratio Lower Upper

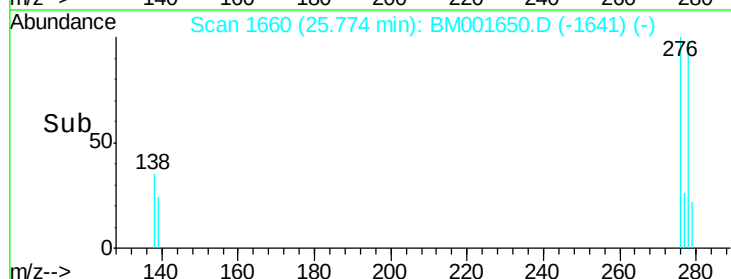
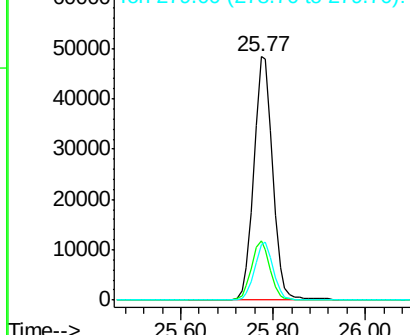
278 100

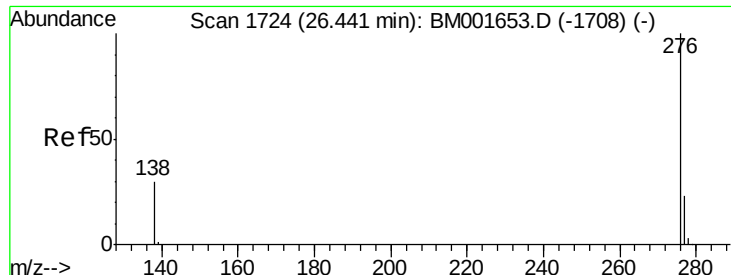
139 24.6 19.1 28.7

279 22.9 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: 9.13 ng

RT: 26.45 min Scan# 1725

Delta R.T. 0.01 min

Lab File: BM001650.D

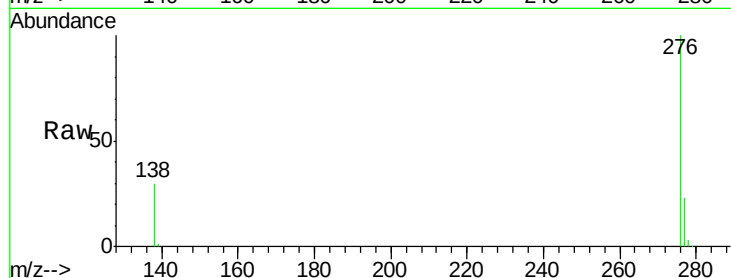
Acq: 11 Jun 2015 20:22

Instrument :

BNA_M

ClientSampleId :

SSTDIC010



Tgt Ion: 276 Resp: 139456

Ion Ratio Lower Upper

276 100

277 23.3 19.3 28.9

138 30.4 25.0 37.4

