

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061315\
 Data File : BM001682.D
 Acq On : 12 Jun 2015 22:45
 Operator : TP/IZ
 Sample : SSTDICC0.5
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.5

Quant Time: Jun 13 00:28:34 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM061315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 13 00:26:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	14436	5.00	ng	0.00
6) Naphthalene-d8	10.46	136	52333	5.00	ng	0.00
12) Acenaphthene-d10	14.32	164	25549	5.00	ng	0.00
18) Phenanthrene-d10	17.06	188	79729	5.00	ng	0.00
25) Chrysene-d12	21.25	240	44224	5.00	ng	0.00
32) Perylene-d12	23.48	264	40517	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	1614	0.47	ng	0.00
5) Phenol-d6	6.83	99	2011	0.46	ng	0.00
7) Nitrobenzene-d5	8.83	82	1882	0.47	ng	0.00
13) 2,4,6-Tribromophenol	15.80	330	267	0.30	ng	0.00
14) 2-Fluorobiphenyl	12.94	172	4264	0.47	ng	0.00
27) Terphenyl-d14	19.70	244	3075	0.46	ng	0.00

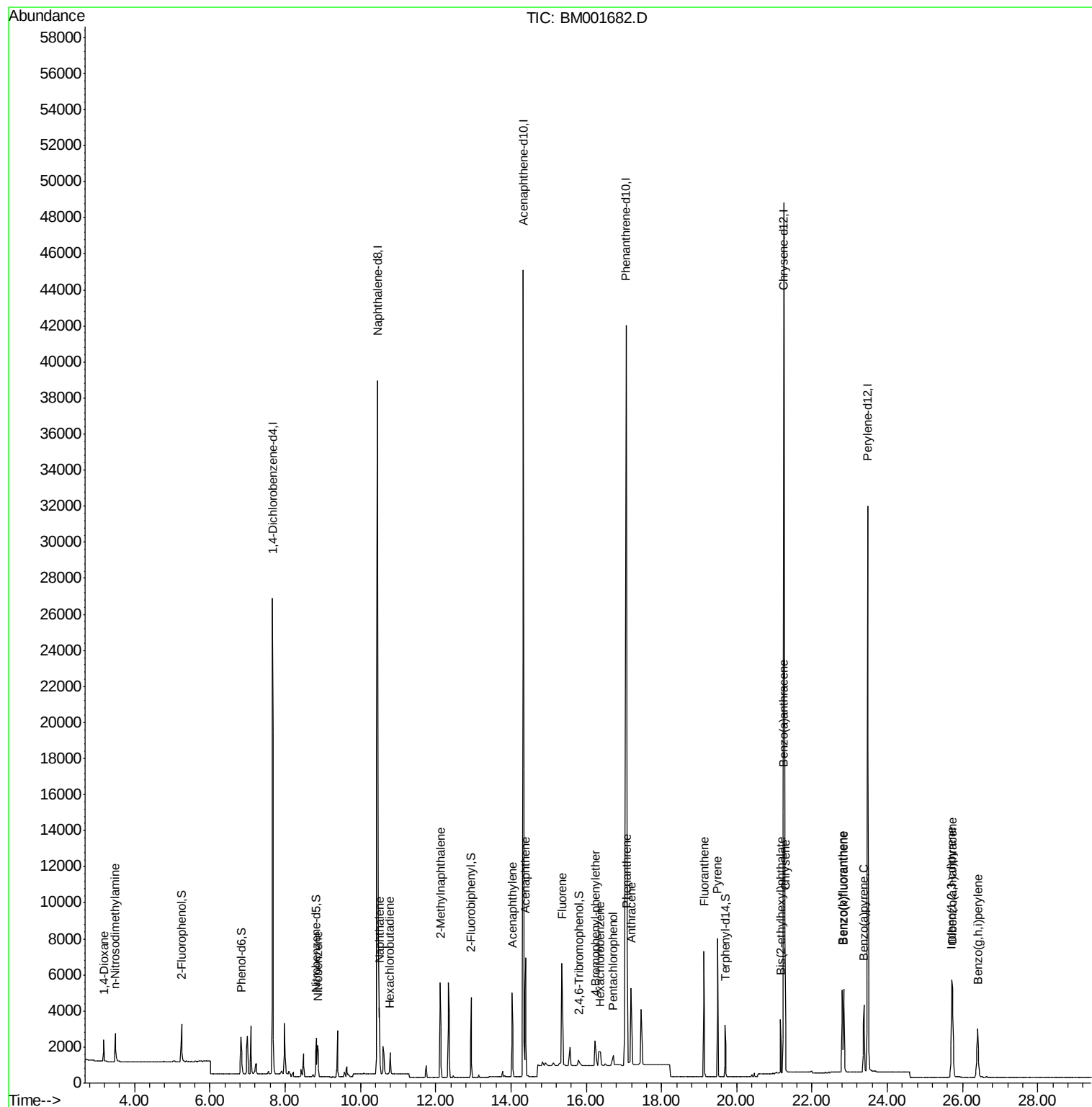
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.18	88	831	0.46	ng	97
3) n-Nitrosodimethylamine	3.49	42	1192	0.47	ng	# 99
8) Nitrobenzene	8.87	77	2000	0.46	ng	100
9) Naphthalene	10.51	128	5981	0.47	ng	98
10) Hexachlorobutadiene	10.78	225	1021	0.48	ng	99
11) 2-Methylnaphthalene	12.13	142	3806	0.46	ng	99
15) Acenaphthylene	14.03	152	5487	0.46	ng	100
16) Acenaphthene	14.39	154	3514	0.46	ng	99
17) Fluorene	15.36	166	5244	0.63	ng	100
19) 4-Bromophenyl-phenylether	16.24	248	693	0.10	ng	93
20) Hexachlorobenzene	16.38	284	1390	0.21	ng	# 100
21) Pentachlorophenol	16.72	266	509	0.27	ng	94
22) Phenanthrene	17.09	178	9352	0.37	ng	100
23) Anthracene	17.19	178	6609	0.23	ng	100
24) Fluoranthene	19.13	202	6626	0.19	ng	100
26) Pyrene	19.49	202	6867	0.45	ng	99
28) Benzo(a)anthracene	21.24	228	6450	0.46	ng	99
29) Chrysene	21.28	228	6228	0.47	ng	97
30) Bis(2-ethylhexyl)phthalate	21.16	149	3308	0.38	ng	100
31) Indeno(1,2,3-cd)pyrene	25.71	276	6288	0.57	ng	100
33) Benzo(b)fluoranthene	22.80	252	5788	0.44	ng	97
34) Benzo(k)fluoranthene	22.84	252	5579	0.43	ng	96
35) Benzo(a)pyrene	23.38	252	5053	0.46	ng	96
36) Dibenzo(a,h)anthracene	25.73	278	5058	0.53	ng	98
37) Benzo(g,h,i)perylene	26.40	276	5320	0.52	ng	98

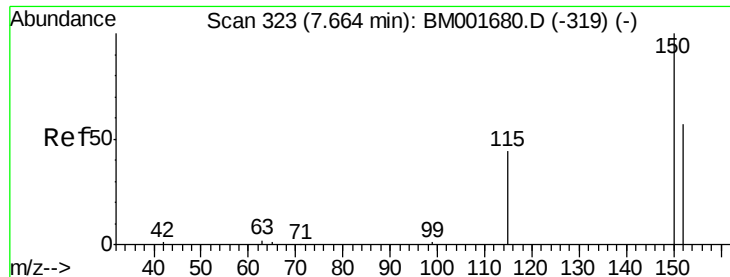
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.66 min Scan# 323

Delta R.T. -0.00 min

Lab File: BM001682.D

Acq: 12 Jun 2015 22:45

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

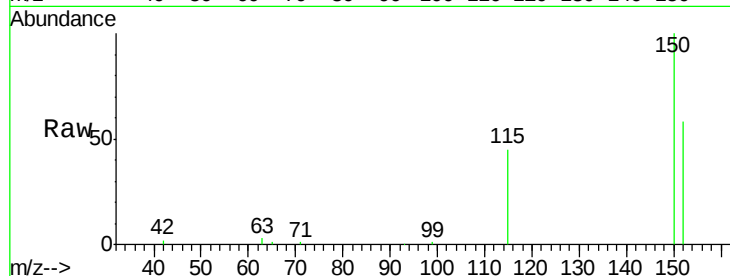
Tgt Ion:152 Resp: 14436

Ion Ratio Lower Upper

152 100

150 173.8 139.6 209.4

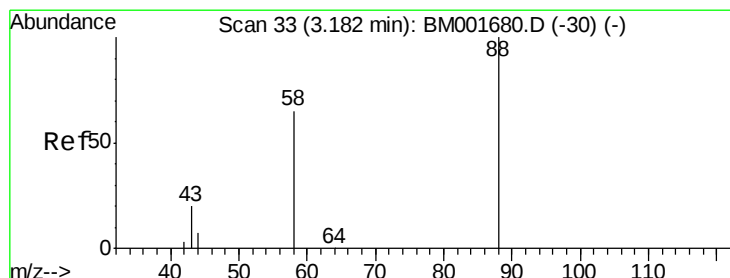
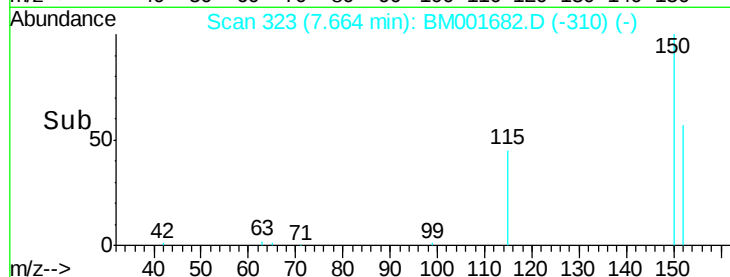
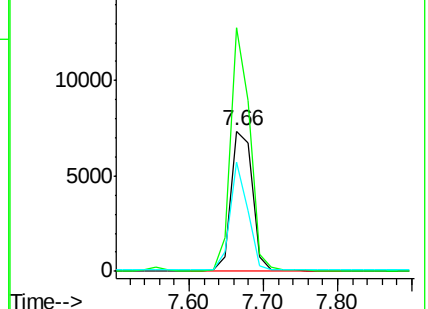
115 78.2 62.5 93.7



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: 0.46 ng

RT: 3.18 min Scan# 33

Delta R.T. -0.00 min

Lab File: BM001682.D

Acq: 12 Jun 2015 22:45

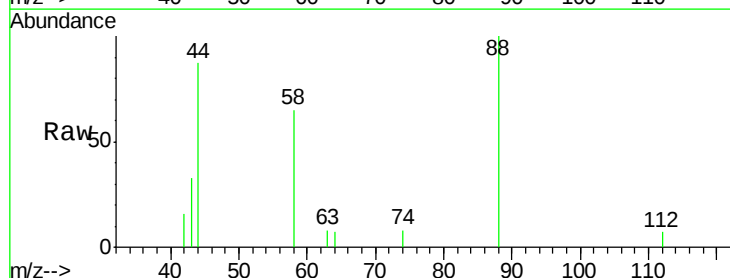
Tgt Ion: 88 Resp: 831

Ion Ratio Lower Upper

88 100

58 82.1 68.1 102.1

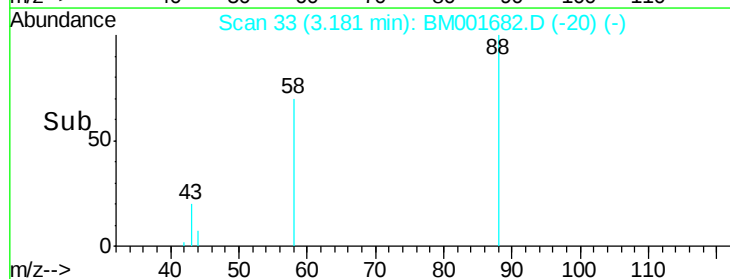
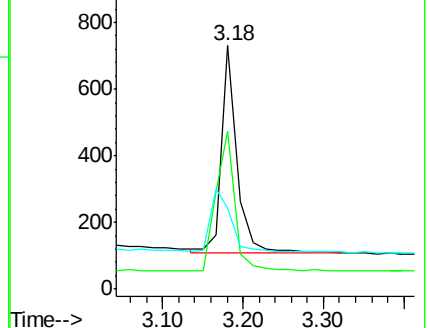
43 40.7 31.8 47.6

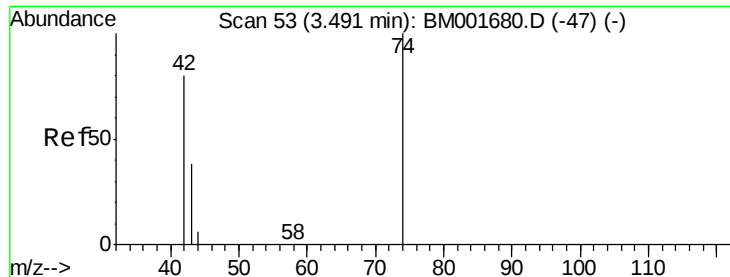


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.47 ng

RT: 3.49 min Scan# 53

Delta R.T. -0.00 min

Lab File: BM001682.D

Acq: 12 Jun 2015 22:45

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

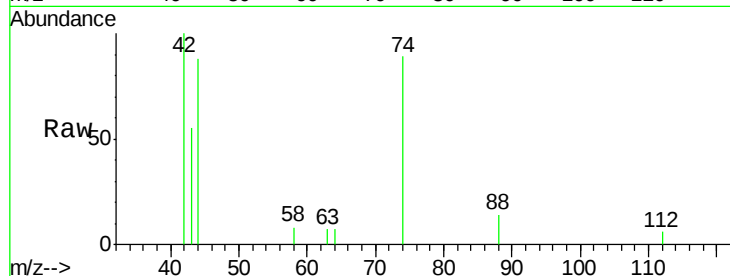
Tgt Ion: 42 Resp: 1192

Ion Ratio Lower Upper

42 100

74 100.8 80.5 120.7

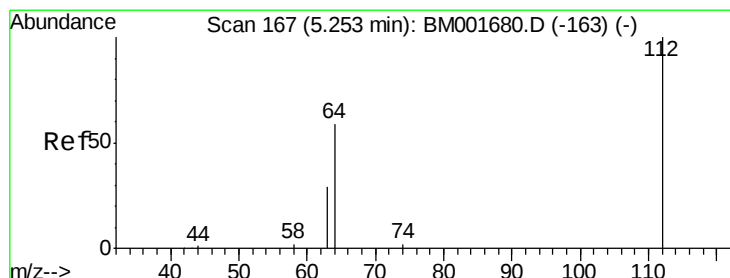
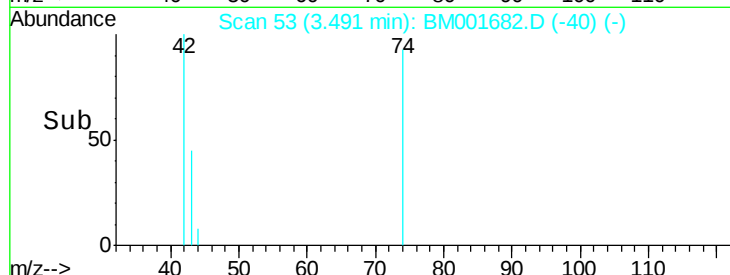
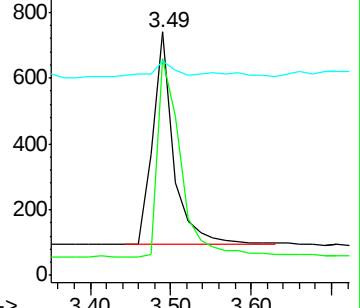
44 9.6 5.4 8.0#



Abundance Ion 42.00 (41.70 to 42.70): BM001682.D (-47) (-)

Ion 74.00 (73.70 to 74.70): BM001682.D (-47) (-)

Ion 44.00 (43.70 to 44.70): BM001682.D (-47) (-)



#4

2-Fluorophenol

Concen: 0.47 ng

RT: 5.25 min Scan# 167

Delta R.T. -0.00 min

Lab File: BM001682.D

Acq: 12 Jun 2015 22:45

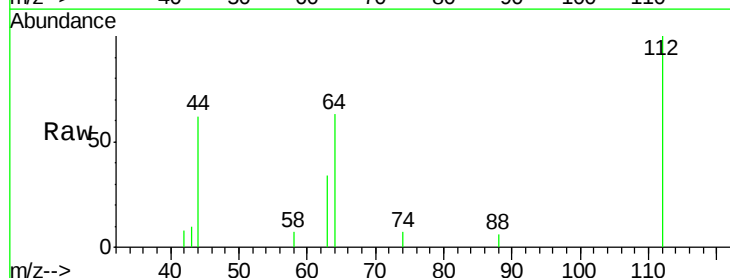
Tgt Ion: 112 Resp: 1614

Ion Ratio Lower Upper

112 100

64 68.6 54.9 82.3

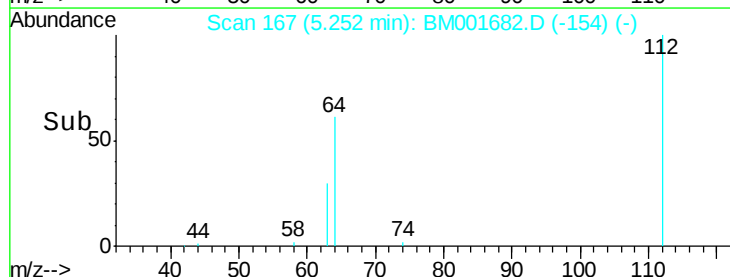
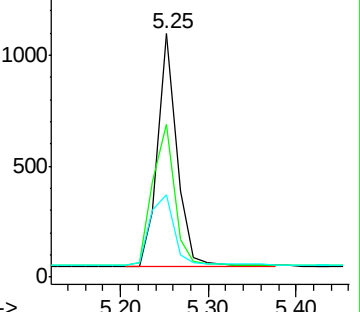
63 38.1 30.5 45.7

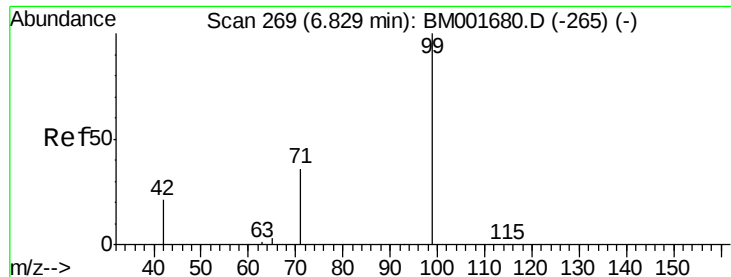


Abundance Ion 112.00 (111.70 to 112.70): BM001682.D (-163) (-)

Ion 64.00 (63.70 to 64.70): BM001682.D (-163) (-)

Ion 63.00 (62.70 to 63.70): BM001682.D (-163) (-)





#5

Phenol-d6

Concen: 0.46 ng

RT: 6.83 min Scan# 269

Delta R.T. -0.00 min

Lab File: BM001682.D

Acq: 12 Jun 2015 22:45

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

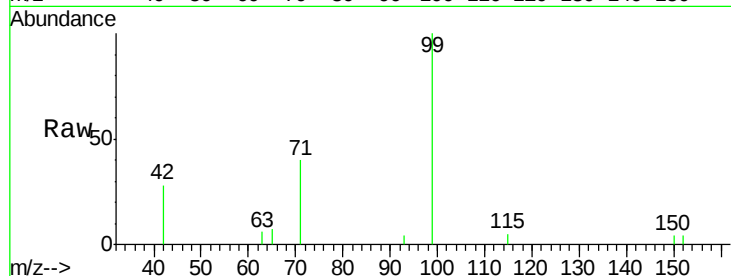
Tgt Ion: 99 Resp: 2011

Ion Ratio Lower Upper

99 100

42 28.2 21.0 31.6

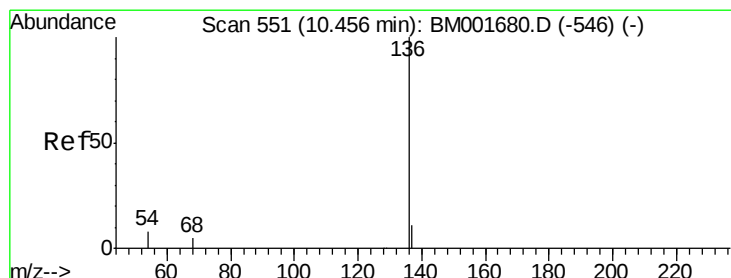
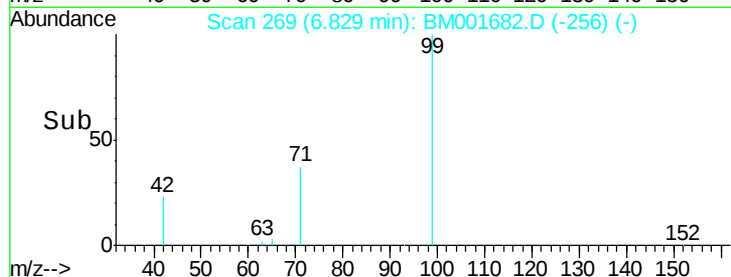
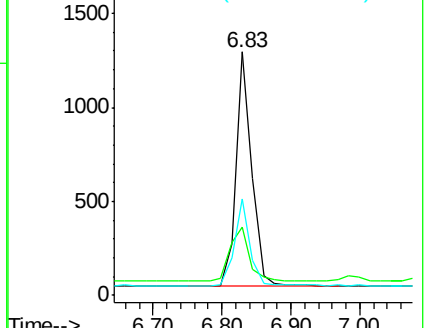
71 36.4 28.7 43.1



Abundance Ion 99.00 (98.70 to 99.70): BM001682.D (-265) (-)

Ion 42.00 (41.70 to 42.70): BM001682.D (-265) (-)

Ion 71.00 (70.70 to 71.70): BM001682.D (-265) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.46 min Scan# 551

Delta R.T. -0.00 min

Lab File: BM001682.D

Acq: 12 Jun 2015 22:45

Tgt Ion: 136 Resp: 52333

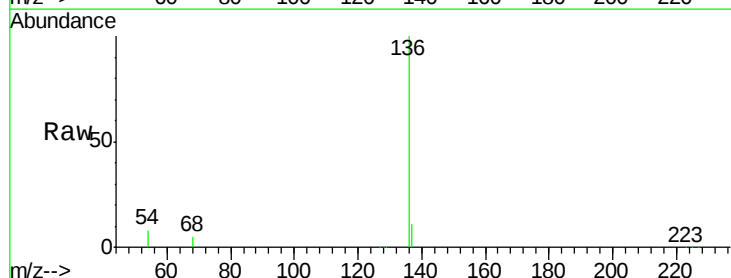
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.9 6.2 9.4

68 5.0 3.9 5.9

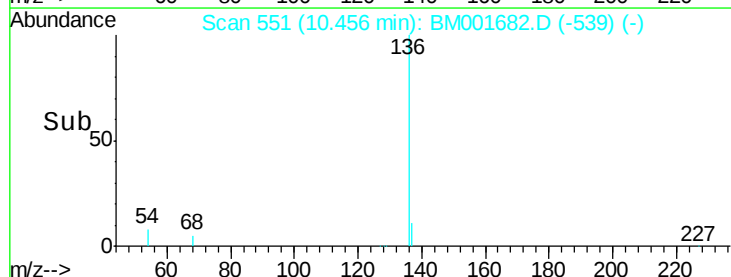
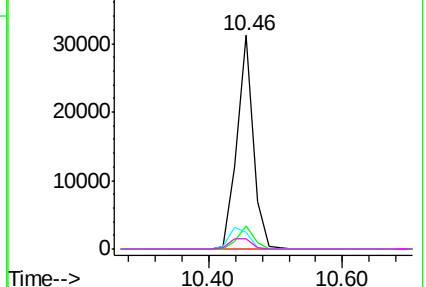


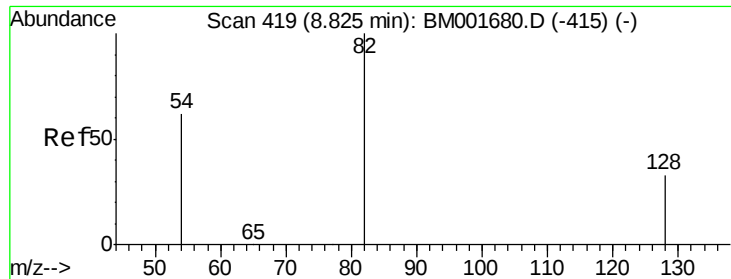
Abundance Ion 136.00 (135.70 to 136.70): BM001682.D (-546) (-)

Ion 137.00 (136.70 to 137.70): BM001682.D (-546) (-)

Ion 54.00 (53.70 to 54.70): BM001682.D (-546) (-)

Ion 68.00 (67.70 to 68.70): BM001682.D (-546) (-)





#7

Nitrobenzene-d5

Concen: 0.47 ng

RT: 8.83 min Scan# 419

Delta R.T. -0.00 min

Lab File: BM001682.D

Acq: 12 Jun 2015 22:45

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

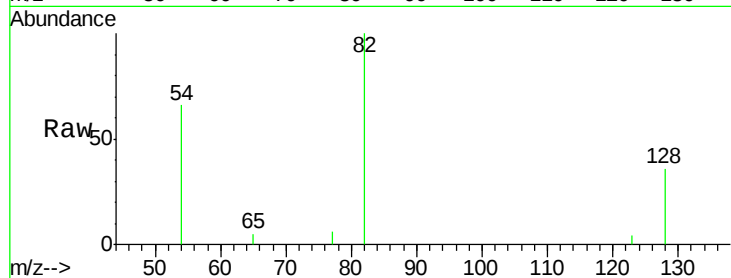
Tgt Ion: 82 Resp: 1882

Ion Ratio Lower Upper

82 100

128 35.7 27.6 41.4

54 65.7 50.1 75.1



Abundance Ion 82.00 (81.70 to 82.70): BM001682.D (-415) (-)

Ion 128.00 (127.70 to 128.70): BM001682.D (-415) (-)

Ion 54.00 (53.70 to 54.70): BM001682.D (-415) (-)

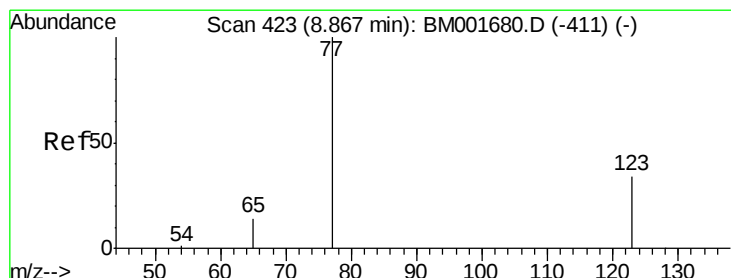
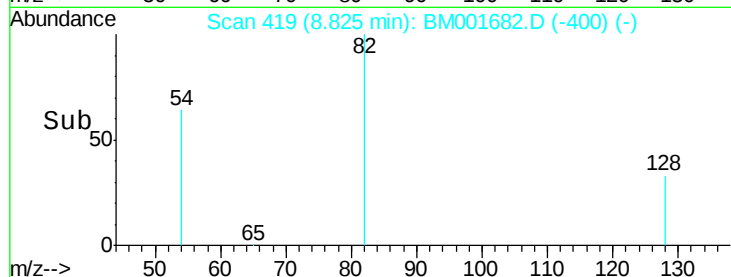
8.83

1000

500

0

Time--> 8.70 8.80 8.90 9.00



#8

Nitrobenzene

Concen: 0.46 ng

RT: 8.87 min Scan# 423

Delta R.T. -0.00 min

Lab File: BM001682.D

Acq: 12 Jun 2015 22:45

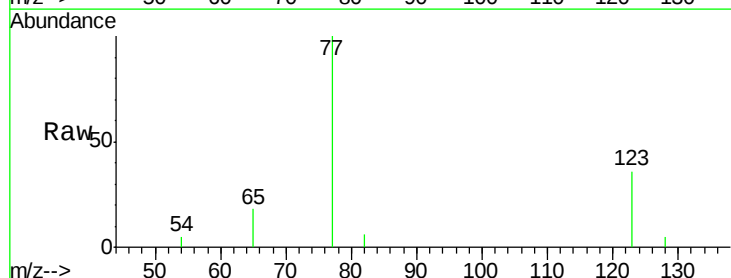
Tgt Ion: 77 Resp: 2000

Ion Ratio Lower Upper

77 100

123 38.2 30.6 46.0

65 14.0 11.5 17.3



Abundance Ion 77.00 (76.70 to 77.70): BM001682.D (-404) (-)

Ion 123.00 (122.70 to 123.70): BM001682.D (-404) (-)

Ion 65.00 (64.70 to 65.70): BM001682.D (-404) (-)

8.87

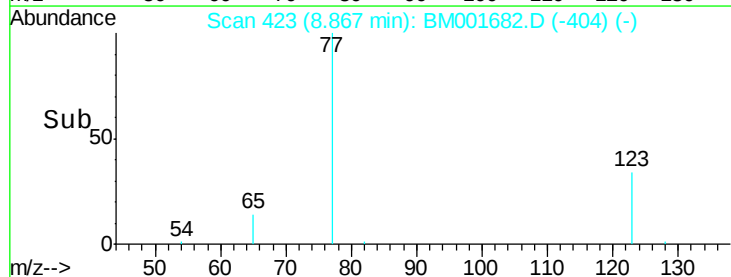
1500

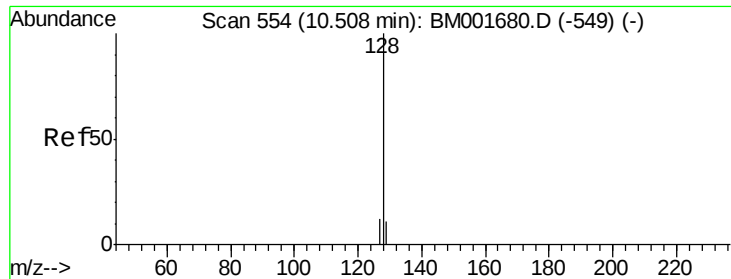
1000

500

0

Time--> 8.80 8.90 9.00





#9

Naphthalene

Concen: 0.47 ng

RT: 10.51 min Scan# 554

Delta R.T. -0.00 min

Lab File: BM001682.D

Acq: 12 Jun 2015 22:45

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

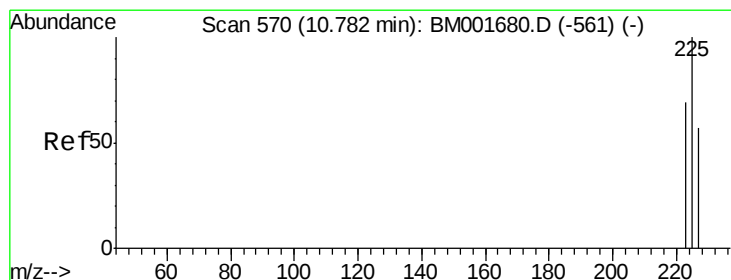
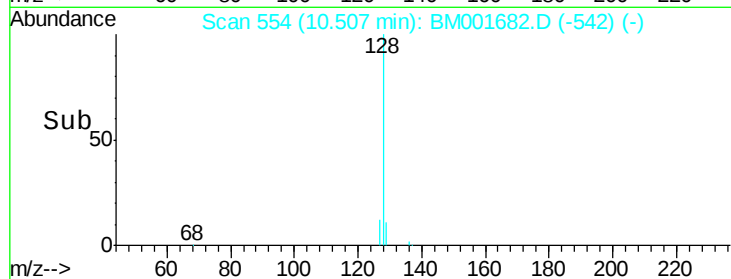
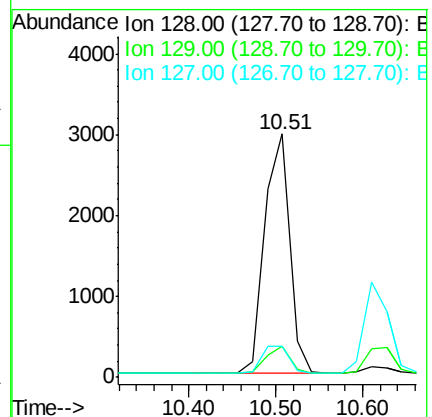
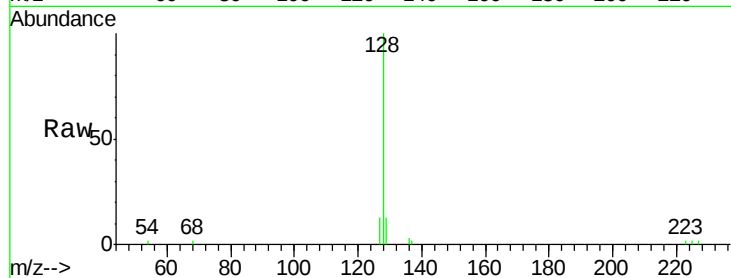
Tgt Ion:128 Resp: 5981

Ion Ratio Lower Upper

128 100

129 12.7 9.7 14.5

127 13.0 9.8 14.6



#10

Hexachlorobutadiene

Concen: 0.48 ng

RT: 10.78 min Scan# 570

Delta R.T. -0.00 min

Lab File: BM001682.D

Acq: 12 Jun 2015 22:45

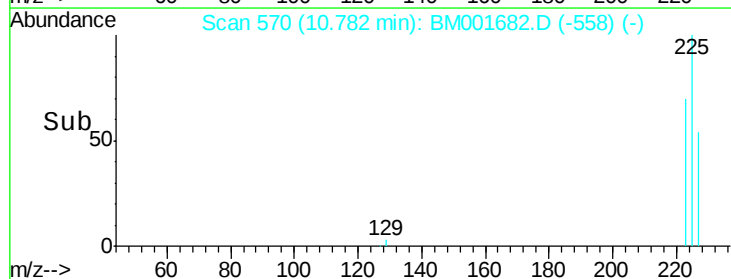
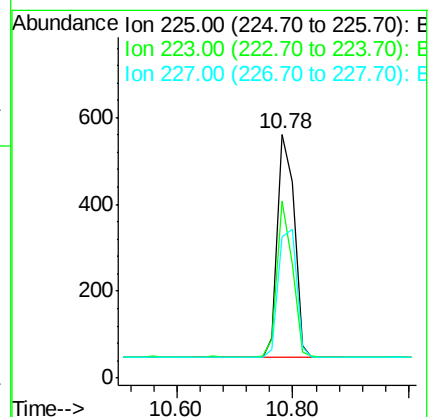
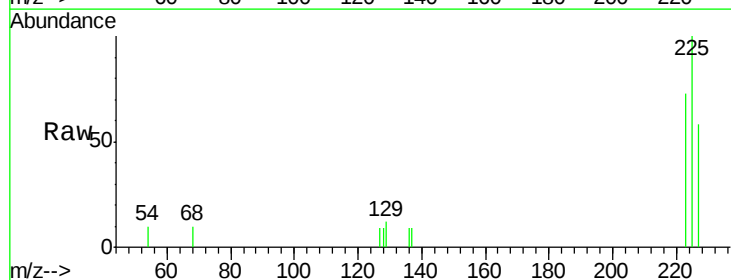
Tgt Ion:225 Resp: 1021

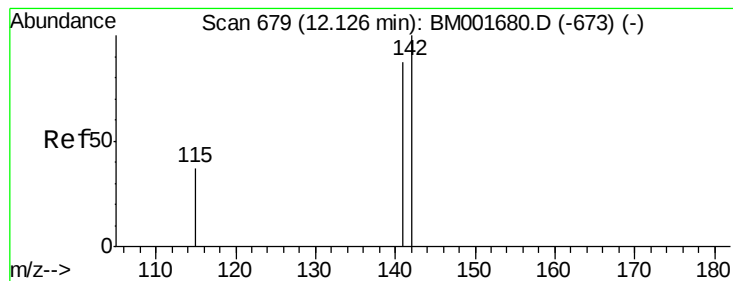
Ion Ratio Lower Upper

225 100

223 62.7 49.7 74.5

227 62.2 51.1 76.7





#11

2-Methylnaphthalene

Concen: 0.46 ng

RT: 12.13 min Scan# 679

Delta R.T. -0.00 min

Lab File: BM001682.D

Acq: 12 Jun 2015 22:45

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

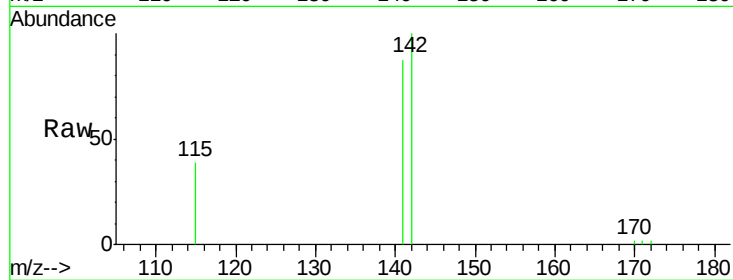
Tgt Ion:142 Resp: 3806

Ion Ratio Lower Upper

142 100

141 86.9 69.5 104.3

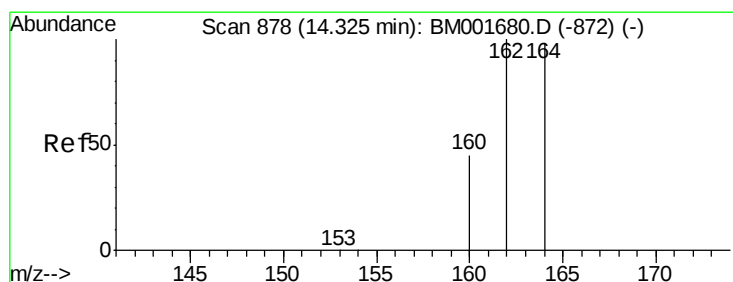
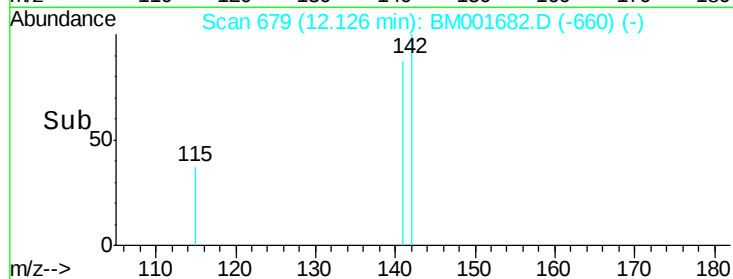
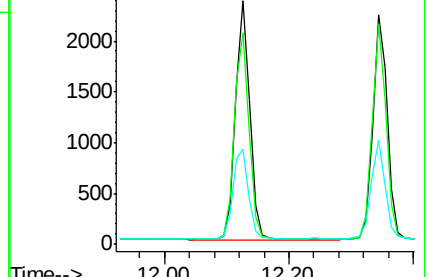
115 38.9 30.2 45.4



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: 14.32 min Scan# 878

Delta R.T. -0.00 min

Lab File: BM001682.D

Acq: 12 Jun 2015 22:45

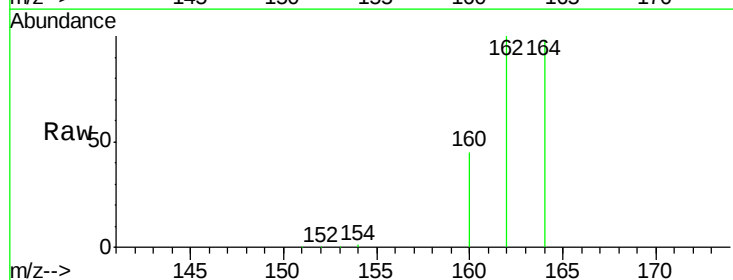
Tgt Ion:164 Resp: 25549

Ion Ratio Lower Upper

164 100

162 102.4 82.0 123.0

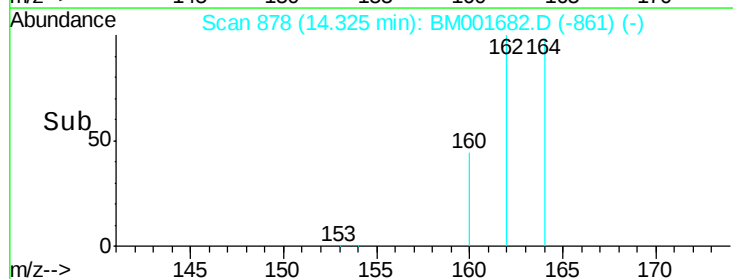
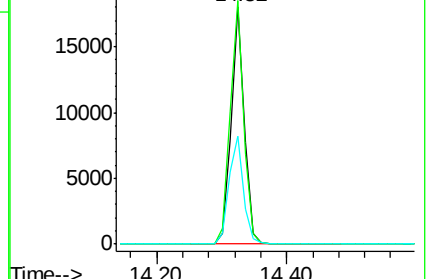
160 45.6 36.6 55.0

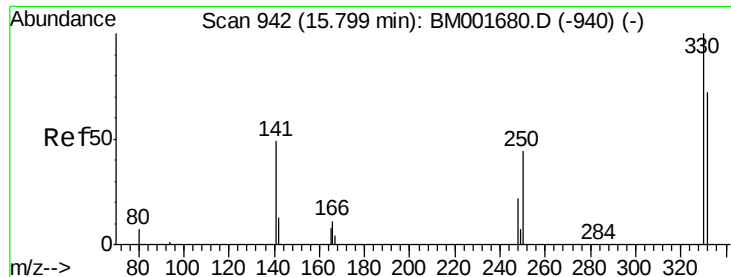


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

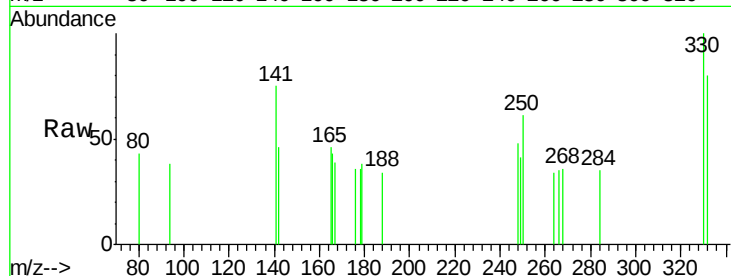




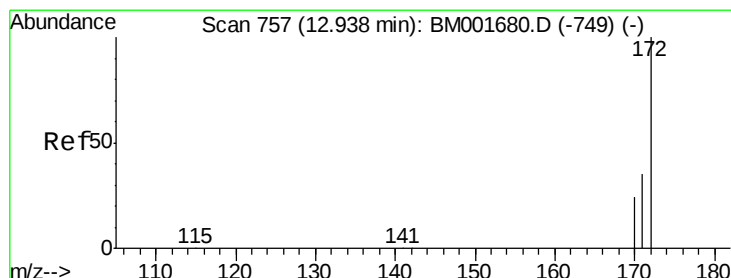
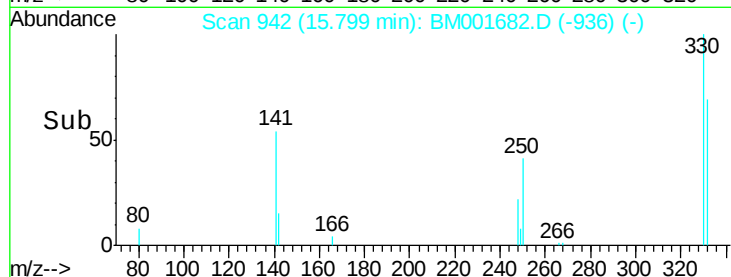
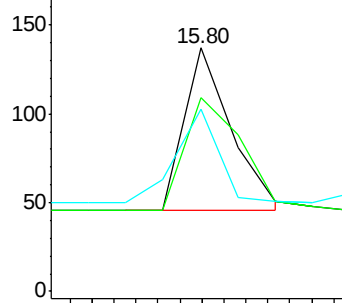
#13
 2,4,6-Tribromophenol
 Concen: 0.30 ng
 RT: 15.80 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: BM001682.D
 Acq: 12 Jun 2015 22:45

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.5

Tgt Ion: 330 Resp: 267
 Ion Ratio Lower Upper
 330 100
 332 83.9 68.6 103.0
 141 53.6 39.0 58.4

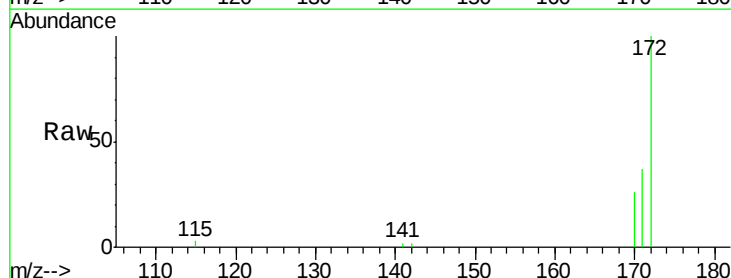


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

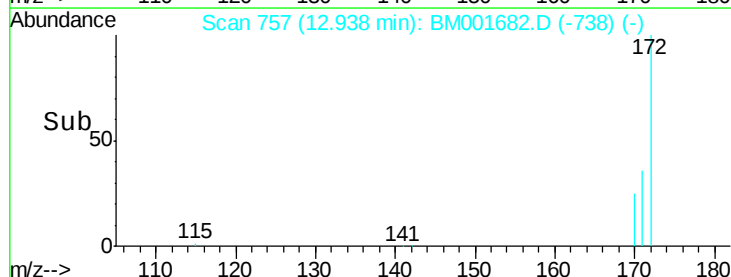
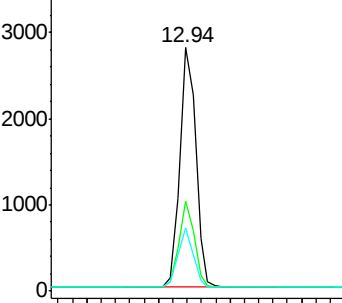


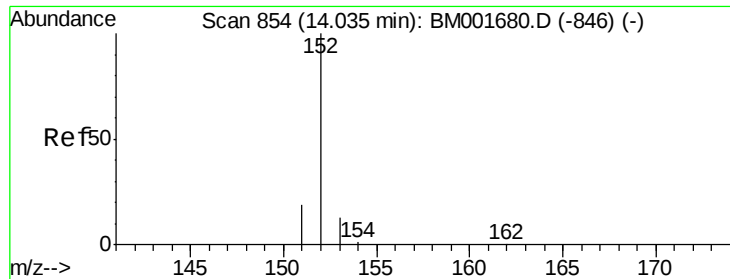
#14
 2-Fluorobiphenyl
 Concen: 0.47 ng
 RT: 12.94 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BM001682.D
 Acq: 12 Jun 2015 22:45

Tgt Ion: 172 Resp: 4264
 Ion Ratio Lower Upper
 172 100
 171 37.0 28.4 42.6
 170 26.0 19.5 29.3



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

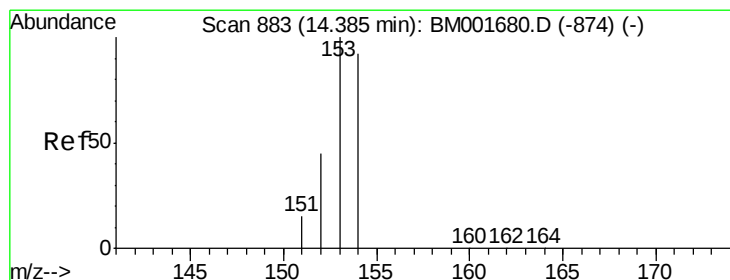
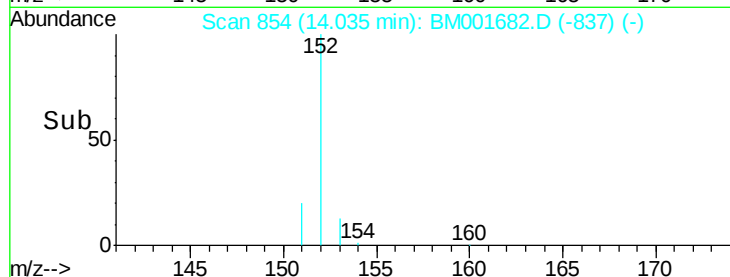
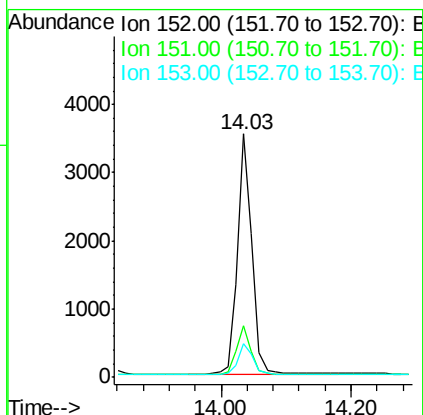
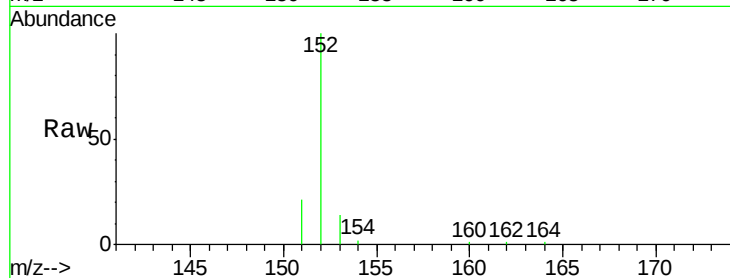




#15
Acenaphthylene
Concen: 0.46 ng
RT: 14.03 min Scan# 854
Delta R.T. -0.00 min
Lab File: BM001682.D
Acq: 12 Jun 2015 22:45

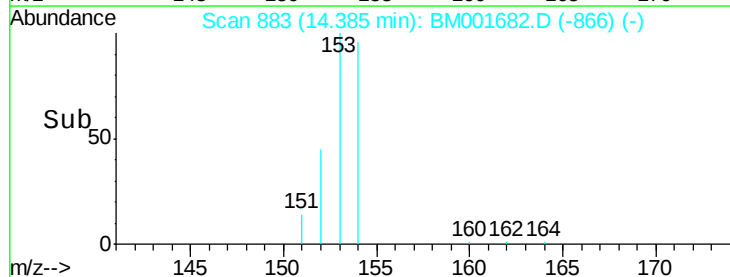
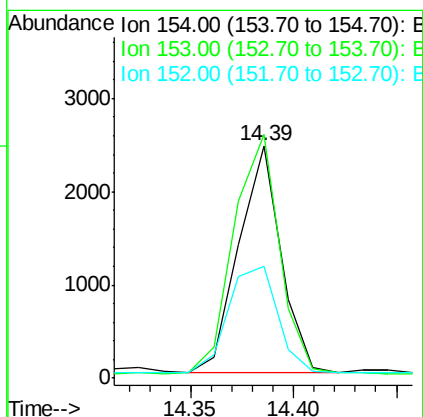
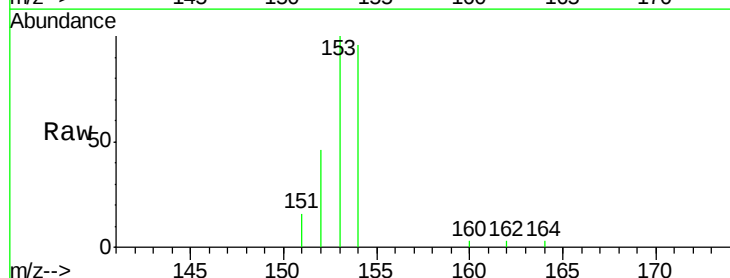
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.5

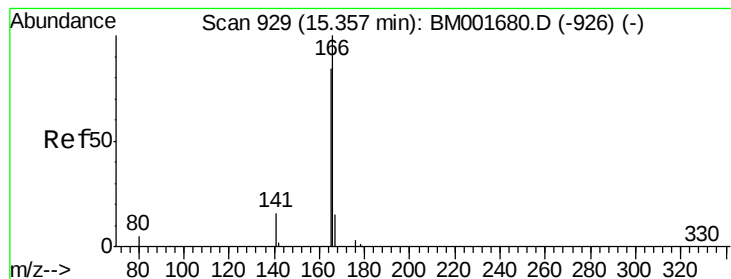
Tgt Ion:152 Resp: 5487
Ion Ratio Lower Upper
152 100
151 19.2 15.3 22.9
153 12.9 10.3 15.5



#16
Acenaphthene
Concen: 0.46 ng
RT: 14.39 min Scan# 883
Delta R.T. -0.00 min
Lab File: BM001682.D
Acq: 12 Jun 2015 22:45

Tgt Ion:154 Resp: 3514
Ion Ratio Lower Upper
154 100
153 113.1 89.3 133.9
152 55.6 43.7 65.5





#17

Fluorene

Concen: 0.63 ng

RT: 15.36 min Scan# 929

Delta R.T. -0.00 min

Lab File: BM001682.D

Acq: 12 Jun 2015 22:45

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

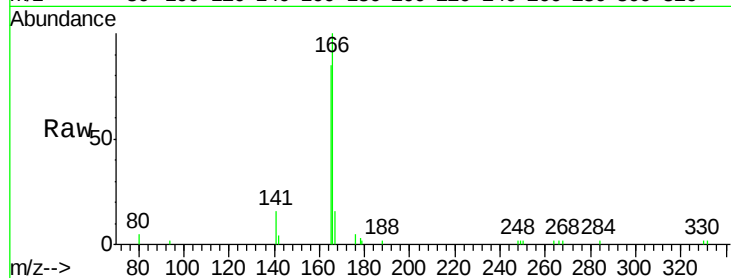
Tgt Ion:166 Resp: 5244

Ion Ratio Lower Upper

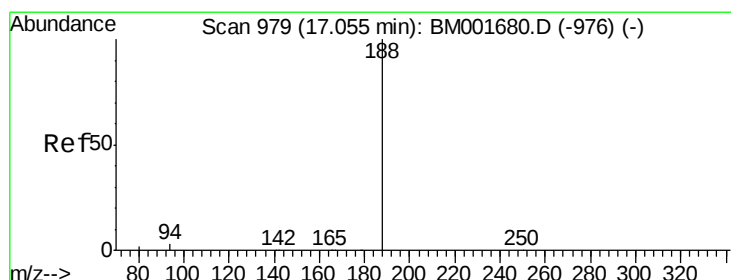
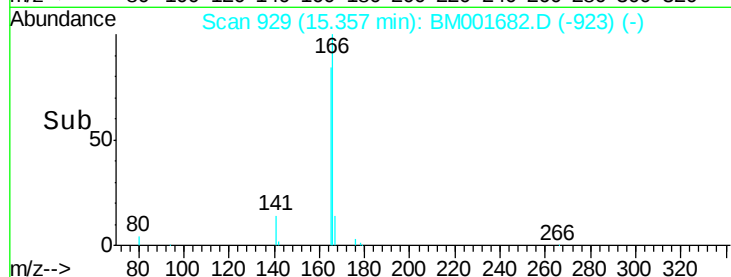
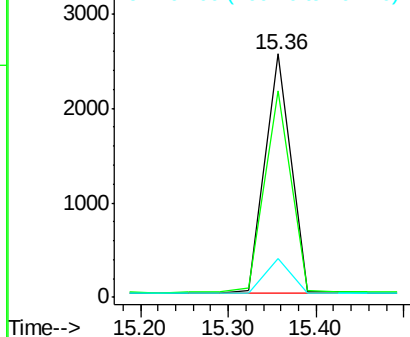
166 100

165 85.7 68.5 102.7

167 14.3 11.8 17.6



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: BM001682.D

Acq: 12 Jun 2015 22:45

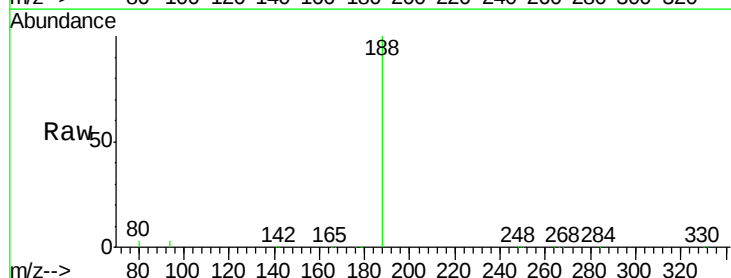
Tgt Ion:188 Resp: 79729

Ion Ratio Lower Upper

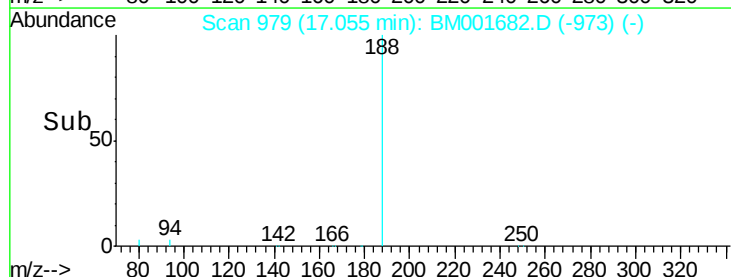
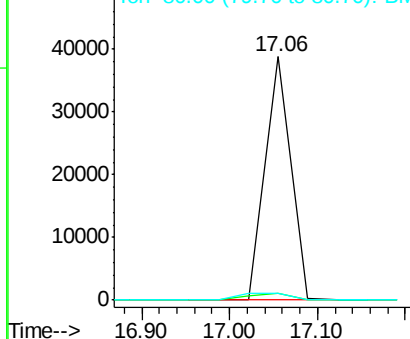
188 100

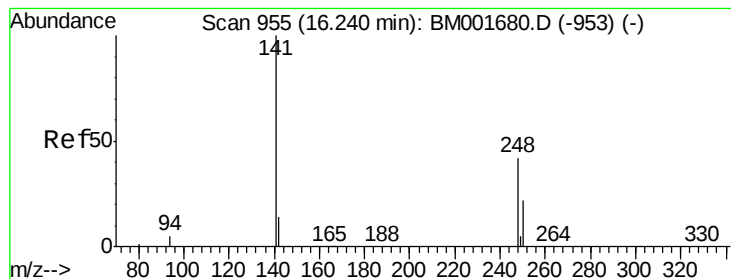
94 3.0 2.2 3.2

80 2.7 1.8 2.8



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: 0.10 ng

RT: 16.24 min Scan# 955

Delta R.T. -0.00 min

Lab File: BM001682.D

Acq: 12 Jun 2015 22:45

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

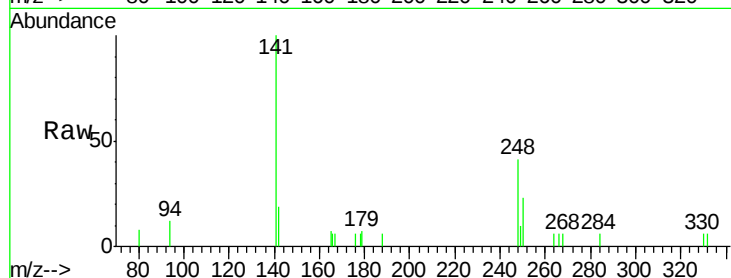
Tgt Ion:248 Resp: 693

Ion Ratio Lower Upper

248 100

250 74.5 59.7 89.5

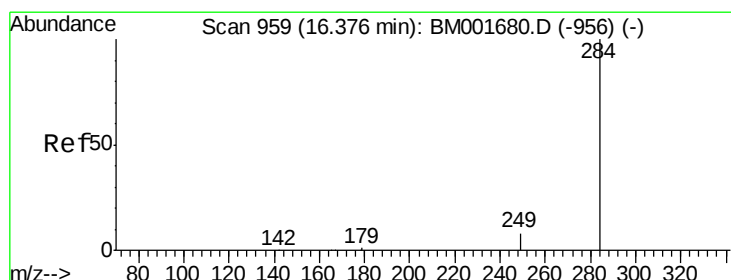
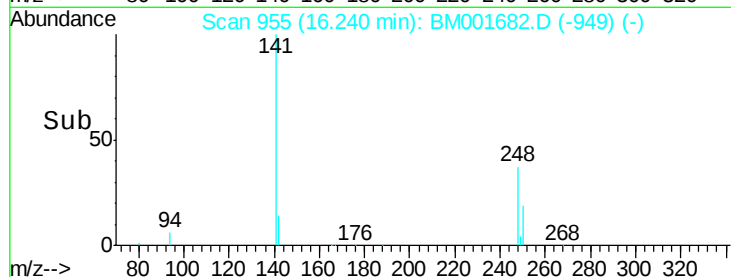
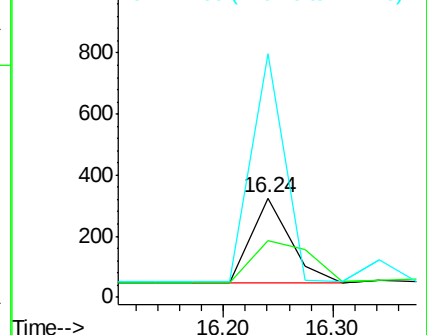
141 222.1 166.4 249.6



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: 0.21 ng

RT: 16.38 min Scan# 959

Delta R.T. -0.00 min

Lab File: BM001682.D

Acq: 12 Jun 2015 22:45

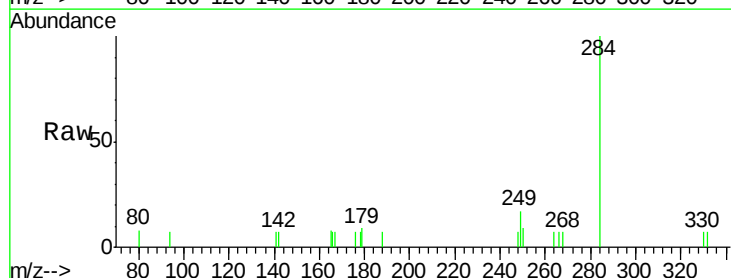
Tgt Ion:284 Resp: 1390

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

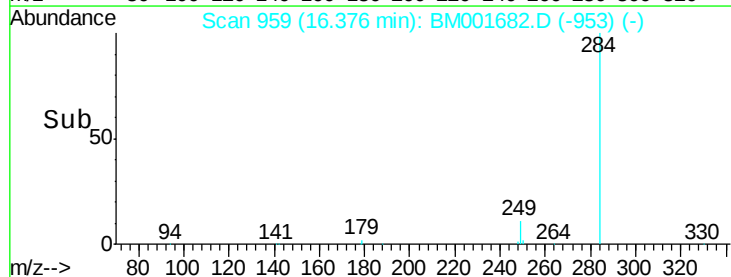
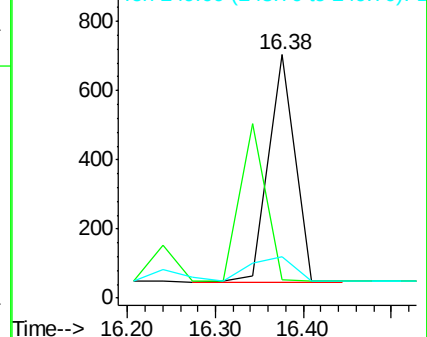
249 18.2 0.0 0.0#

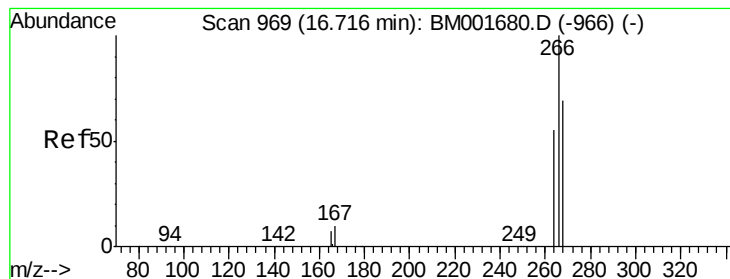


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 0.27 ng

RT: 16.72 min Scan# 969

Delta R.T. -0.00 min

Lab File: BM001682.D

Acq: 12 Jun 2015 22:45

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

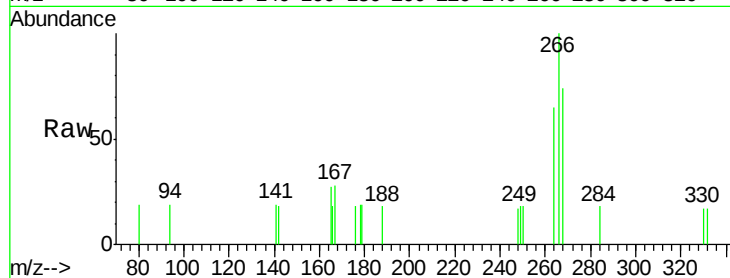
Tgt Ion:266 Resp: 509

Ion Ratio Lower Upper

266 100

268 74.1 57.2 85.8

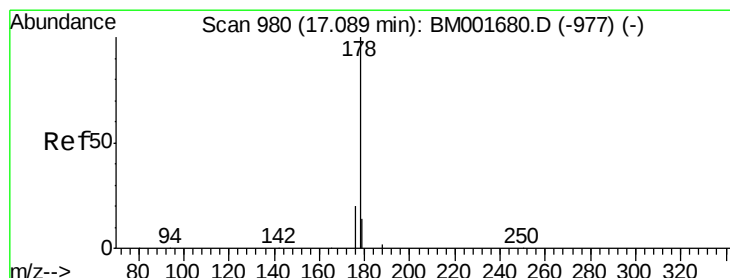
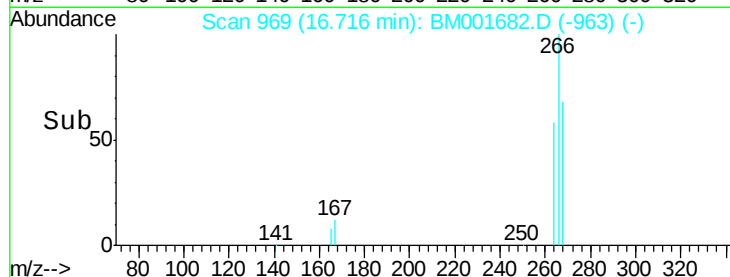
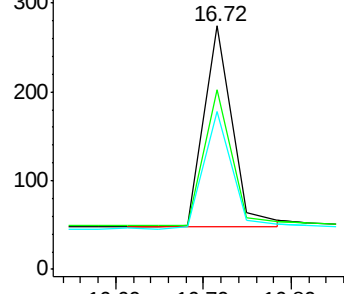
264 65.0 46.3 69.5



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: 0.37 ng

RT: 17.09 min Scan# 980

Delta R.T. -0.00 min

Lab File: BM001682.D

Acq: 12 Jun 2015 22:45

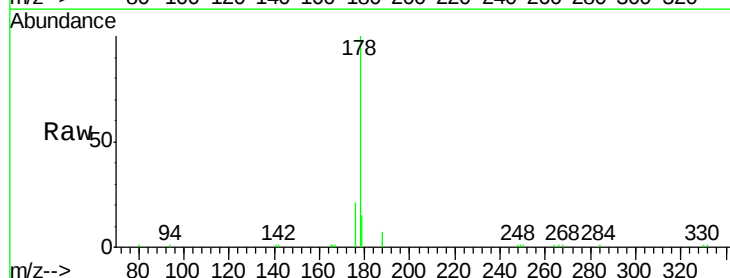
Tgt Ion:178 Resp: 9352

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.8

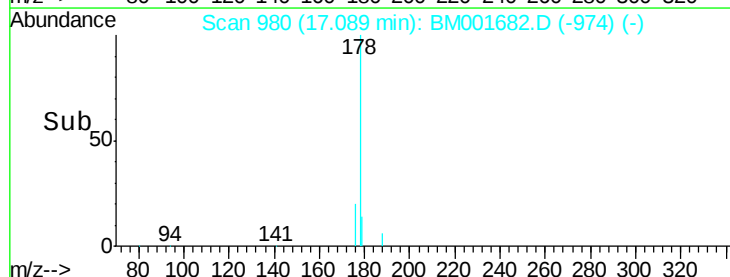
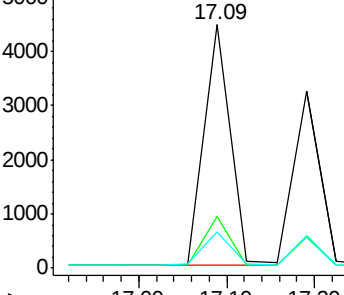
179 14.8 11.8 17.8

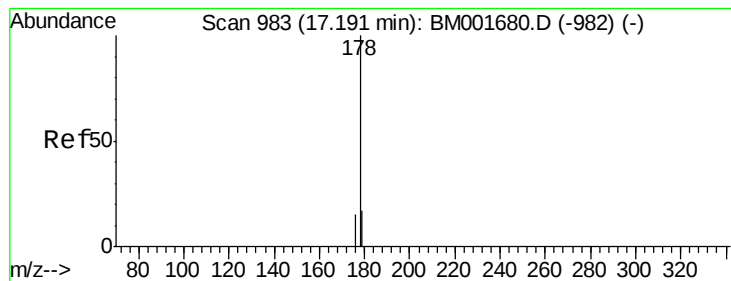


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 0.23 ng

RT: 17.19 min Scan# 983

Delta R.T. -0.00 min

Lab File: BM001682.D

Acq: 12 Jun 2015 22:45

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

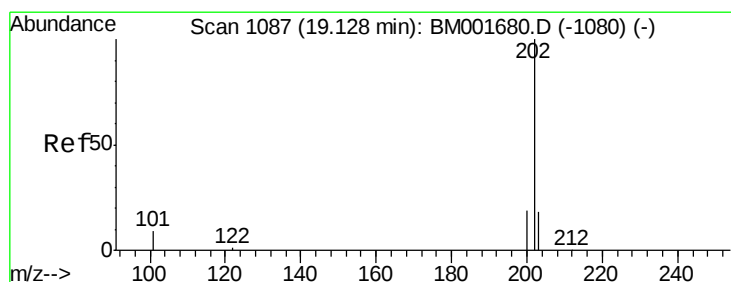
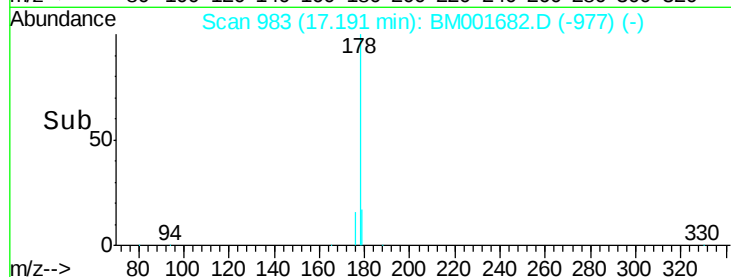
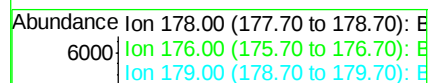
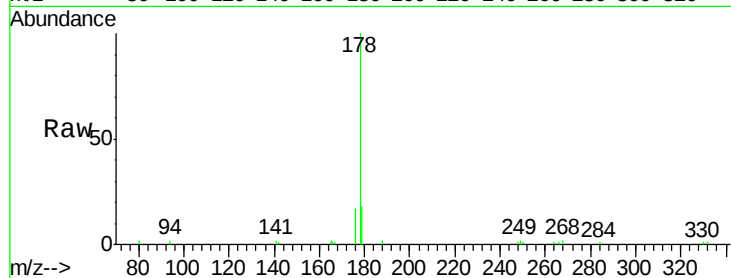
Tgt Ion:178 Resp: 6609

Ion Ratio Lower Upper

178 100

176 16.0 12.6 18.8

179 16.8 13.5 20.3



#24

Fluoranthene

Concen: 0.19 ng

RT: 19.13 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BM001682.D

Acq: 12 Jun 2015 22:45

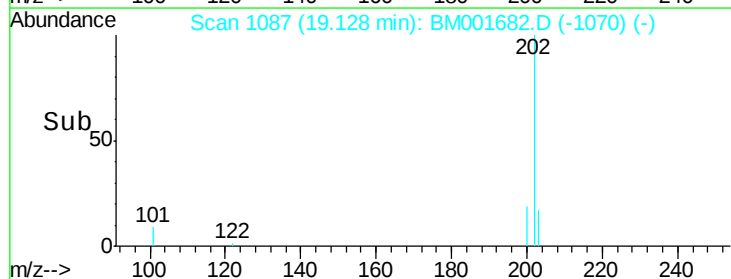
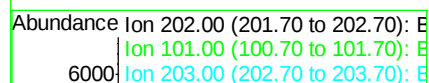
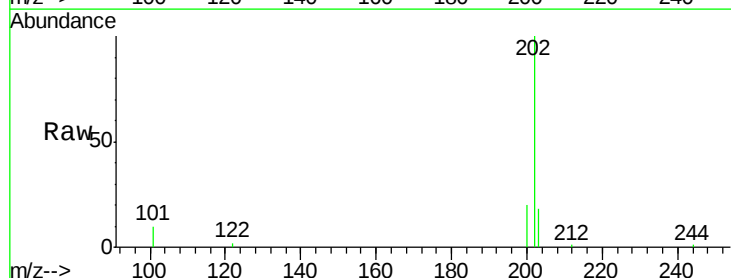
Tgt Ion:202 Resp: 6626

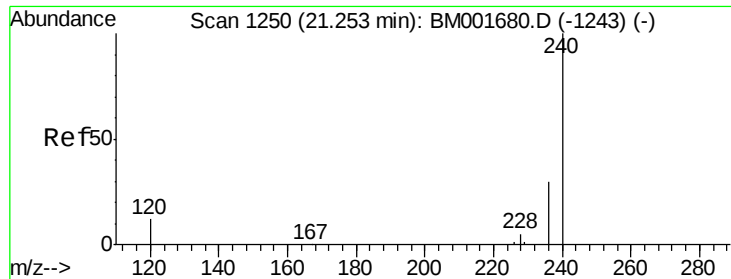
Ion Ratio Lower Upper

202 100

101 12.8 10.3 15.5

203 17.0 13.8 20.6





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.25 min Scan# 1250

Delta R.T. -0.00 min

Lab File: BM001682.D

Acq: 12 Jun 2015 22:45

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

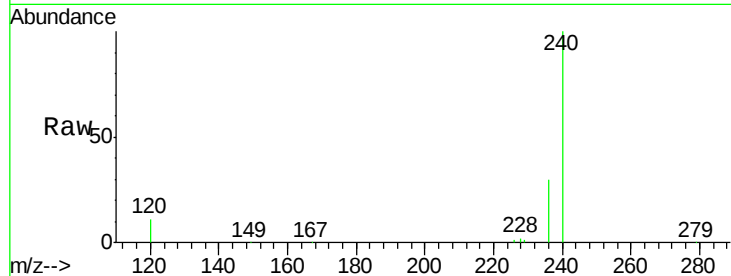
Tgt Ion:240 Resp: 44224

Ion Ratio Lower Upper

240 100

120 10.9 9.9 14.9

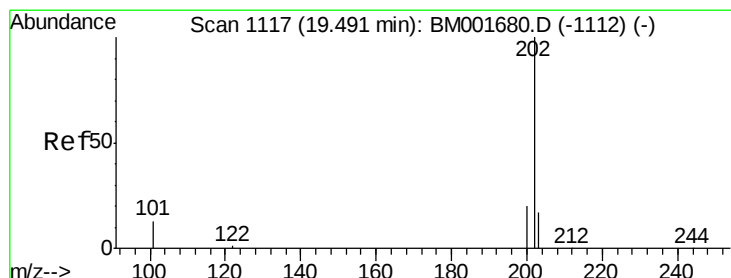
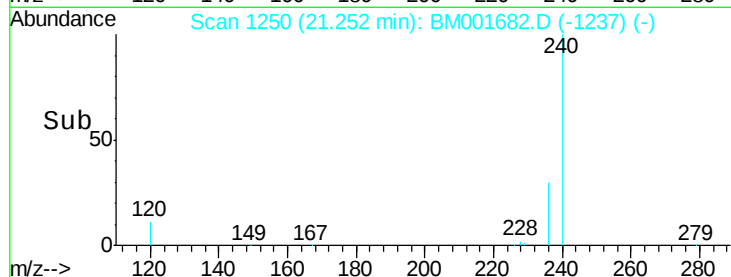
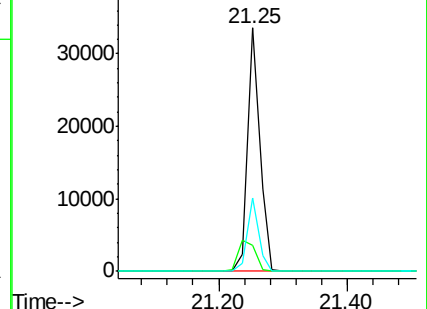
236 30.0 23.9 35.9



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: 0.45 ng

RT: 19.49 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BM001682.D

Acq: 12 Jun 2015 22:45

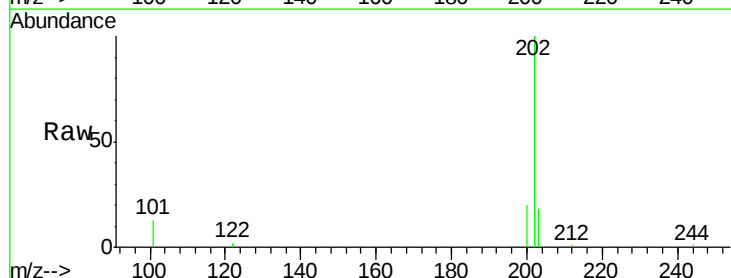
Tgt Ion:202 Resp: 6867

Ion Ratio Lower Upper

202 100

200 20.5 16.8 25.2

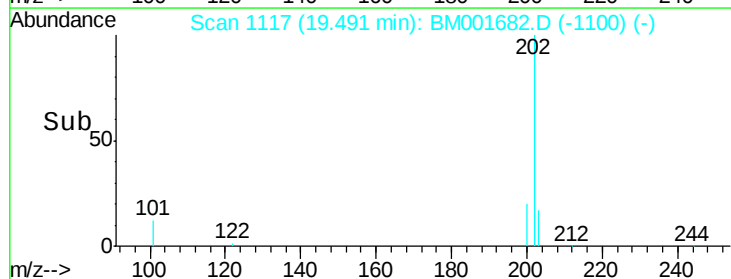
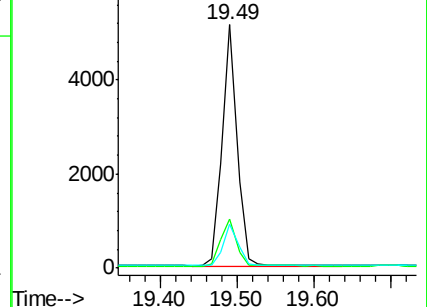
203 17.5 13.6 20.4

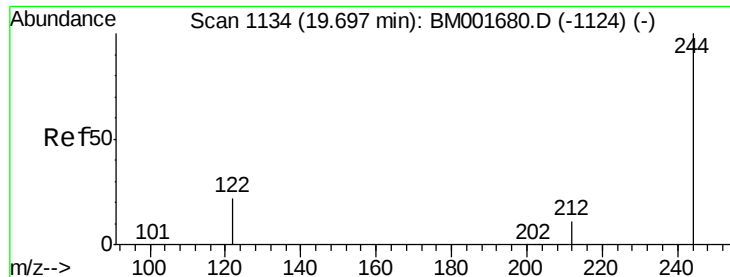


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

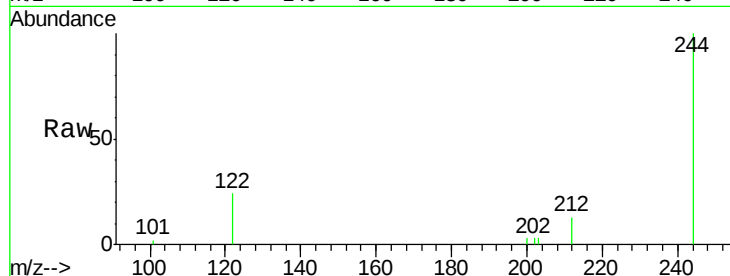




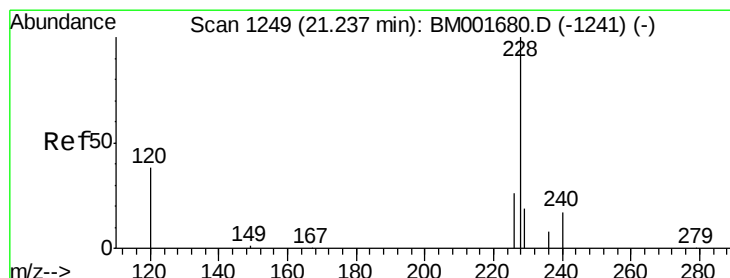
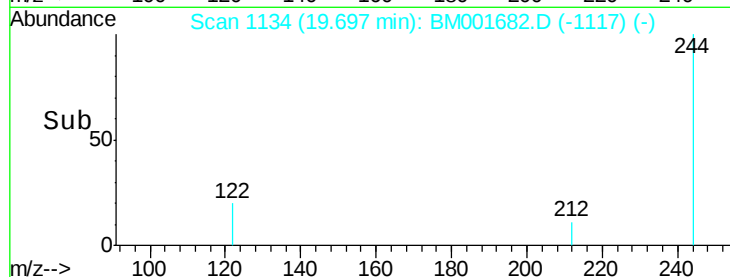
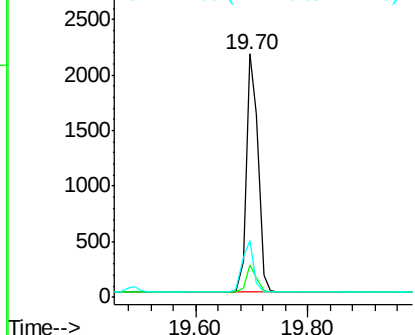
#27
 Terphenyl-d14
 Concen: 0.46 ng
 RT: 19.70 min Scan# 1134
 Delta R.T. -0.00 min
 Lab File: BM001682.D
 Acq: 12 Jun 2015 22:45

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.5

Tgt Ion: 244 Resp: 3075
 Ion Ratio Lower Upper
 244 100
 212 13.2 9.6 14.4
 122 23.6 18.4 27.6

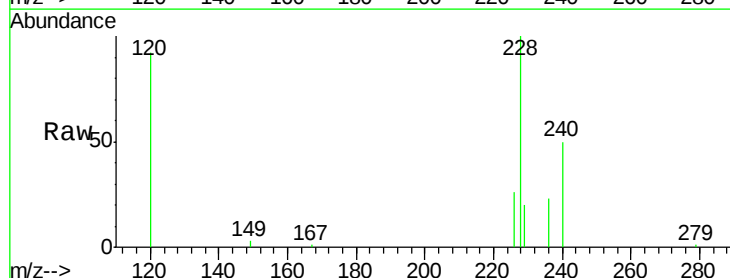


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

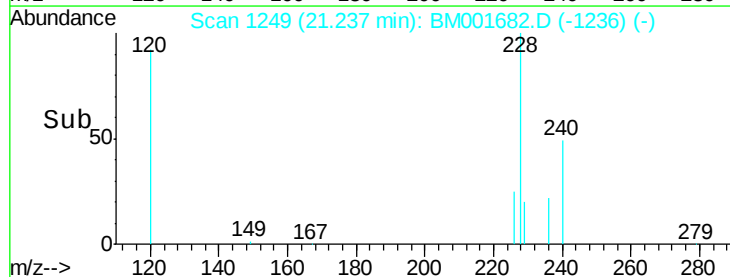
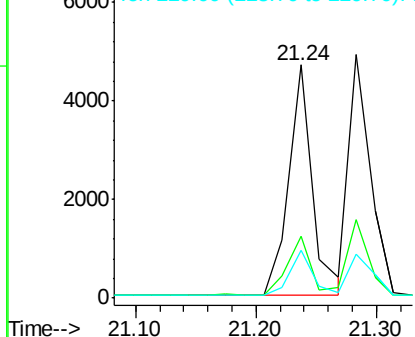


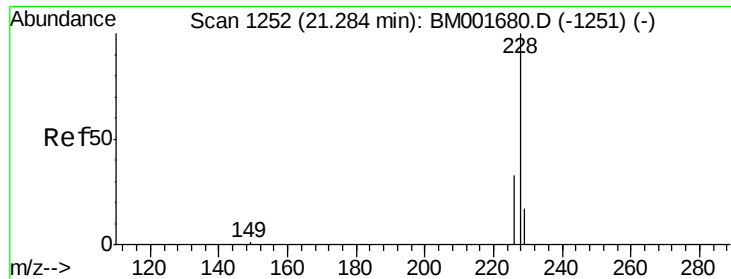
#28
 Benzo(a)anthracene
 Concen: 0.46 ng
 RT: 21.24 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: BM001682.D
 Acq: 12 Jun 2015 22:45

Tgt Ion: 228 Resp: 6450
 Ion Ratio Lower Upper
 228 100
 226 26.5 21.0 31.4
 229 20.4 15.8 23.8



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: 0.47 ng

RT: 21.28 min Scan# 1252

Delta R.T. -0.00 min

Lab File: BM001682.D

Acq: 12 Jun 2015 22:45

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

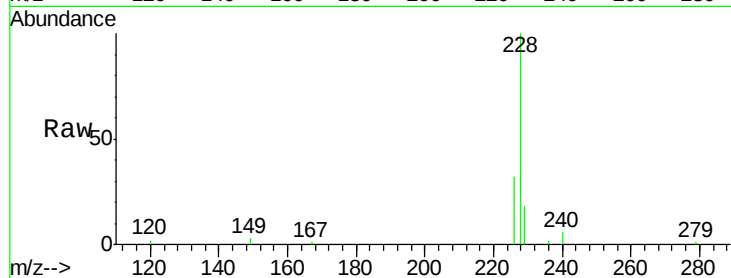
Tgt Ion:228 Resp: 6228

Ion Ratio Lower Upper

228 100

226 32.0 27.4 41.0

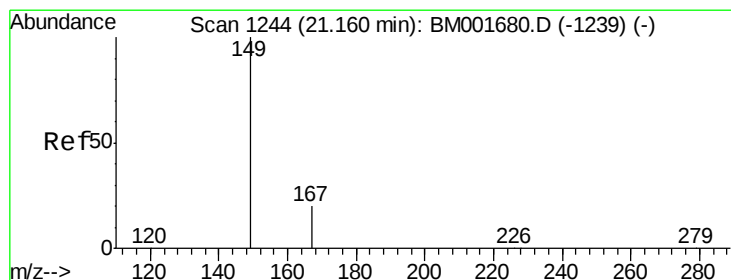
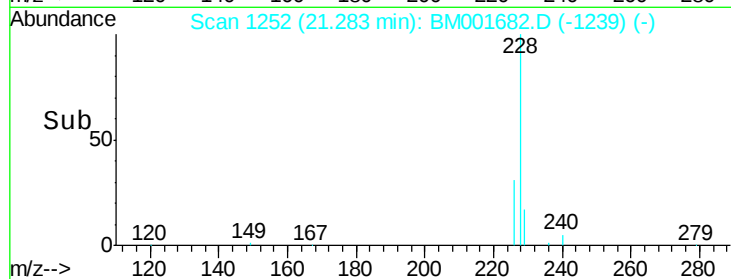
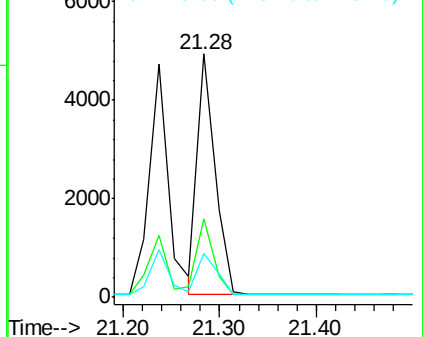
229 18.3 13.7 20.5



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



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.38 ng

RT: 21.16 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BM001682.D

Acq: 12 Jun 2015 22:45

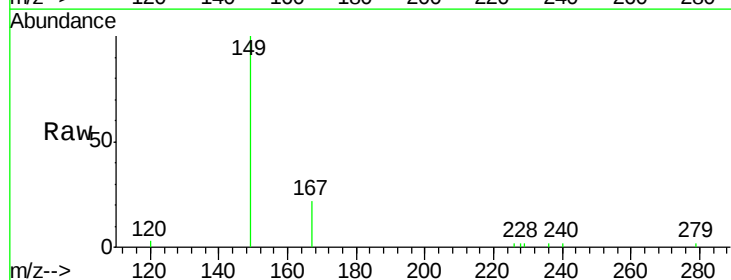
Tgt Ion:149 Resp: 3308

Ion Ratio Lower Upper

149 100

167 25.5 20.4 30.6

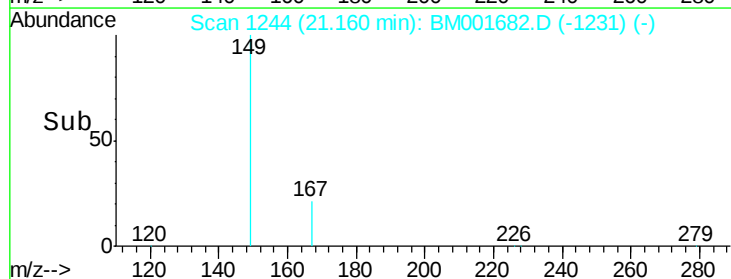
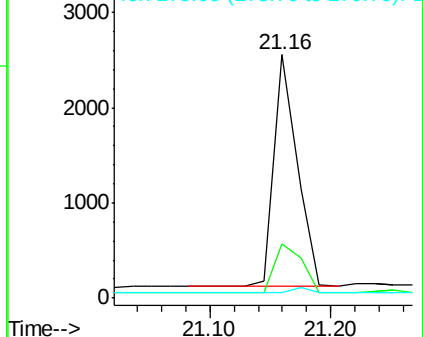
279 2.4 1.7 2.5

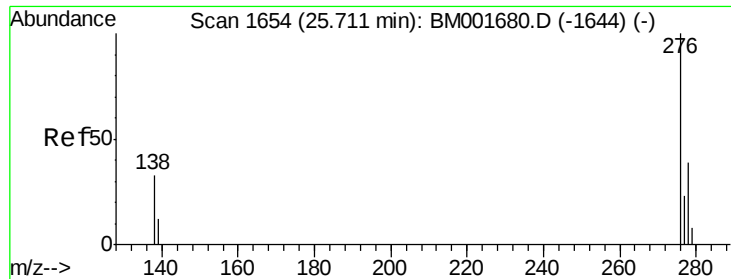


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.57 ng

RT: 25.71 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BM001682.D

Acq: 12 Jun 2015 22:45

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

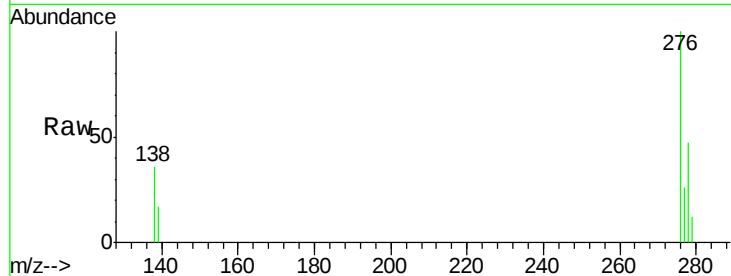
Tgt Ion:276 Resp: 6288

Ion Ratio Lower Upper

276 100

138 35.1 27.8 41.8

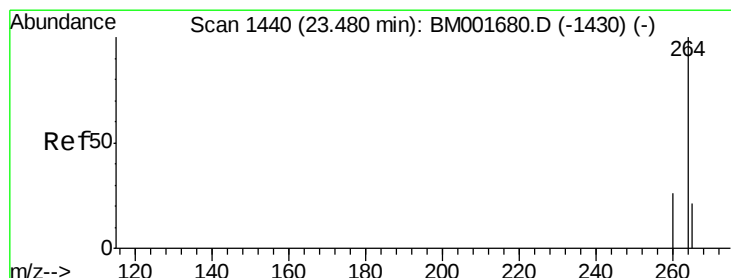
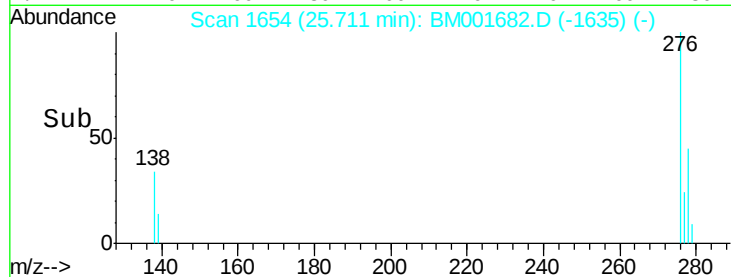
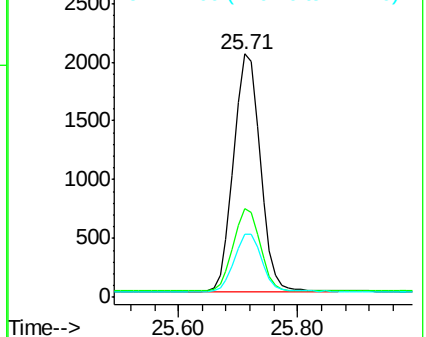
277 24.6 19.7 29.5



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: 23.48 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BM001682.D

Acq: 12 Jun 2015 22:45

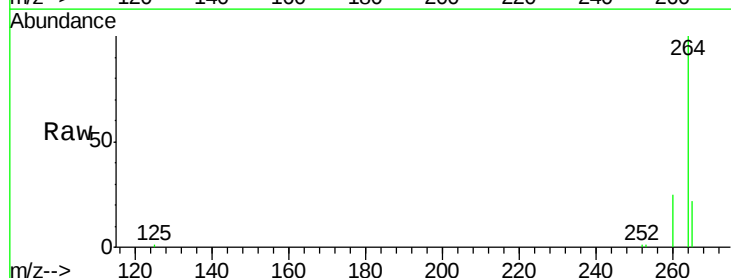
Tgt Ion:264 Resp: 40517

Ion Ratio Lower Upper

264 100

260 24.6 20.8 31.2

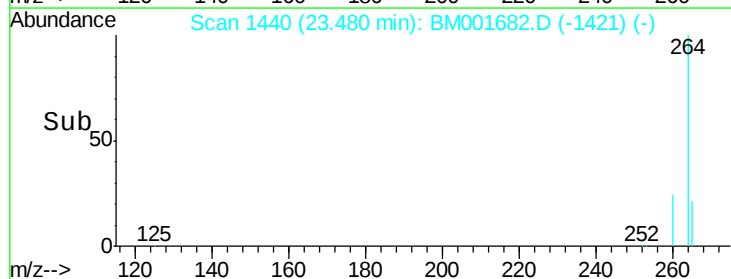
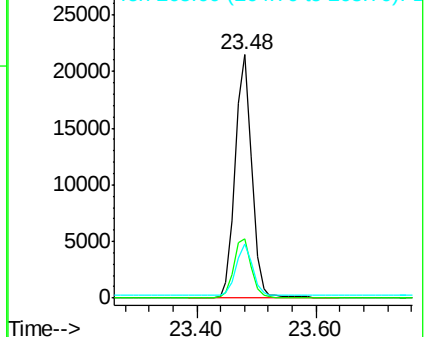
265 22.4 17.3 25.9

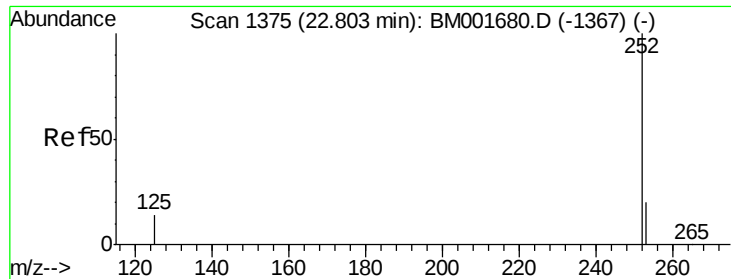


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 0.44 ng

RT: 22.80 min Scan# 1375

Delta R.T. -0.00 min

Lab File: BM001682.D

Acq: 12 Jun 2015 22:45

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.5

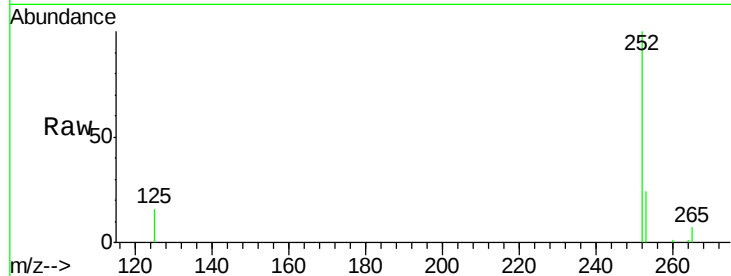
Tgt Ion:252 Resp: 5788

Ion Ratio Lower Upper

252 100

253 24.0 17.4 26.0

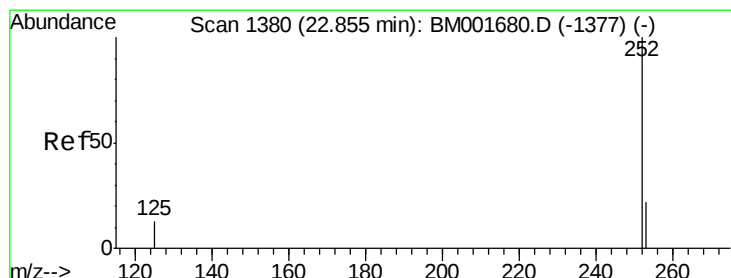
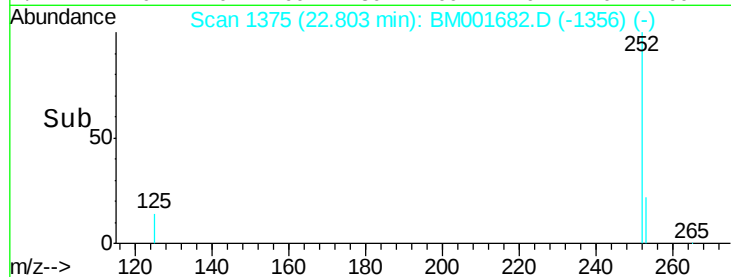
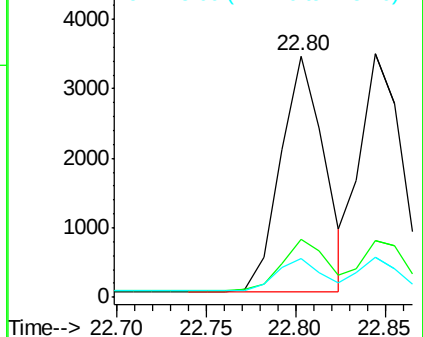
125 16.0 12.3 18.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#34

Benzo(k)fluoranthene

Concen: 0.43 ng

RT: 22.84 min Scan# 1379

Delta R.T. -0.01 min

Lab File: BM001682.D

Acq: 12 Jun 2015 22:45

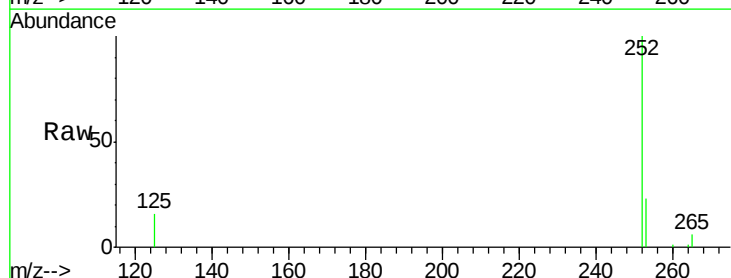
Tgt Ion:252 Resp: 5579

Ion Ratio Lower Upper

252 100

253 23.2 19.4 29.0

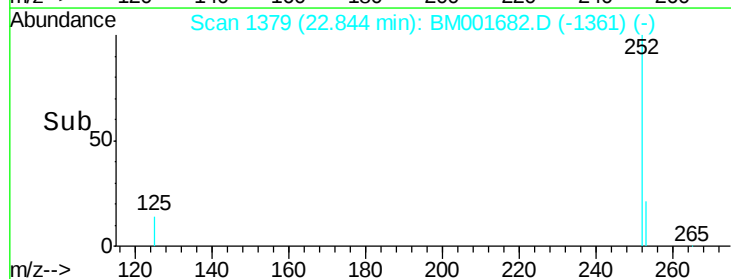
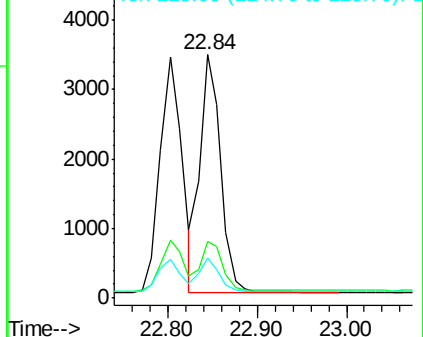
125 16.3 11.0 16.4

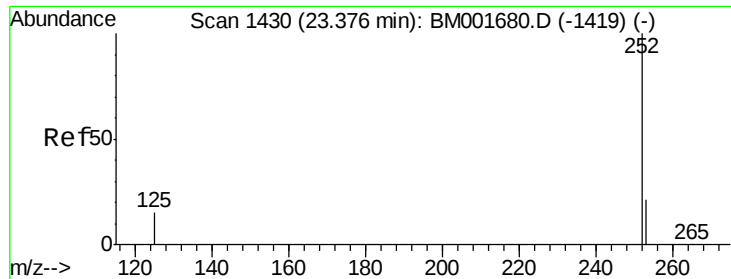


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 0.46 ng

RT: 23.38 min Scan# 1430

Delta R.T. -0.00 min

Lab File: BM001682.D

Acq: 12 Jun 2015 22:45

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

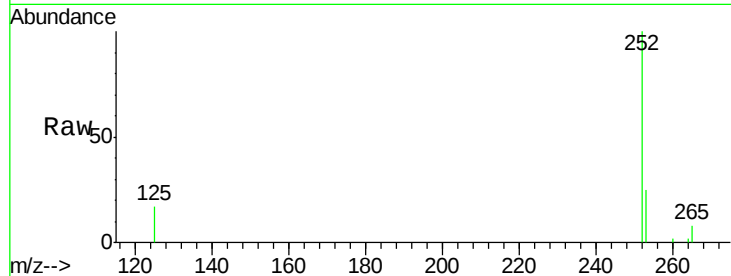
Tgt Ion:252 Resp: 5053

Ion Ratio Lower Upper

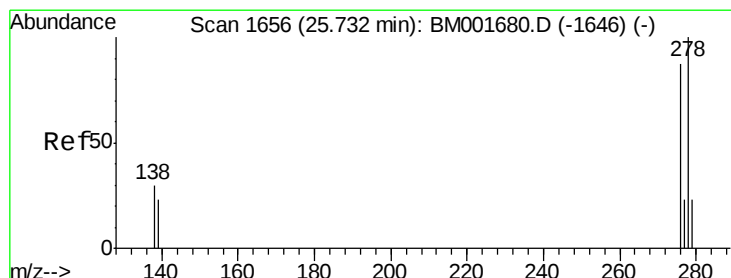
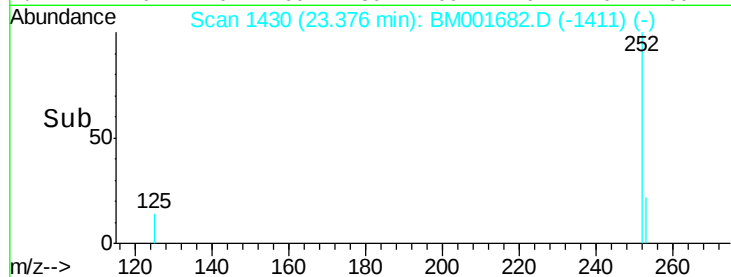
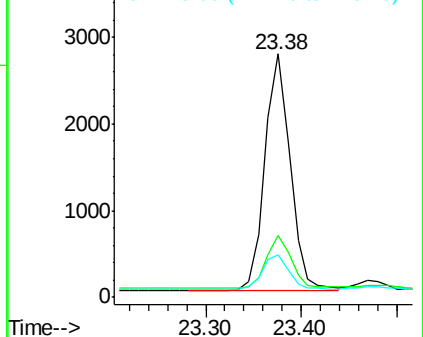
252 100

253 25.2 17.8 26.8

125 17.4 13.4 20.2



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: 0.53 ng

RT: 25.73 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BM001682.D

Acq: 12 Jun 2015 22:45

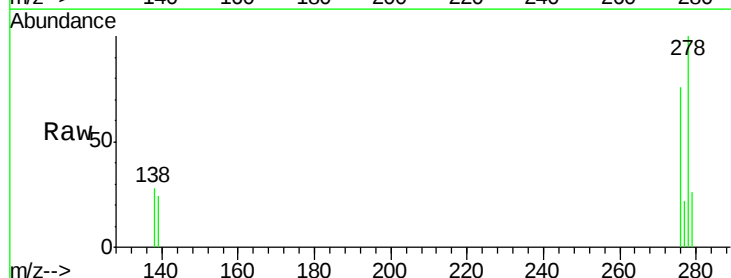
Tgt Ion:278 Resp: 5058

Ion Ratio Lower Upper

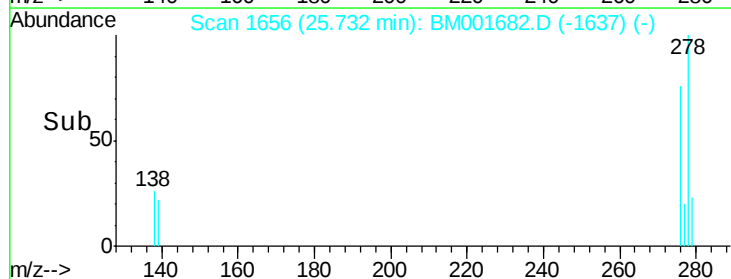
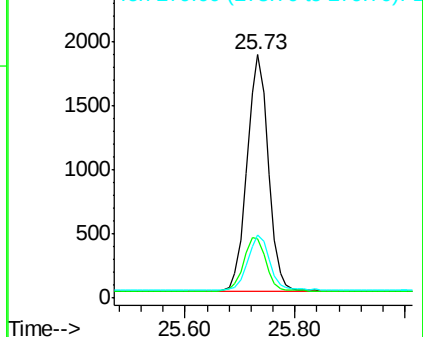
278 100

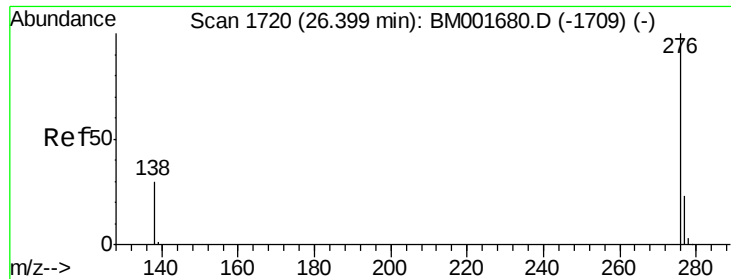
139 24.5 19.4 29.0

279 25.9 19.4 29.2



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: 0.52 ng

RT: 26.40 min Scan# 1720

Delta R.T. -0.00 min

Lab File: BM001682.D

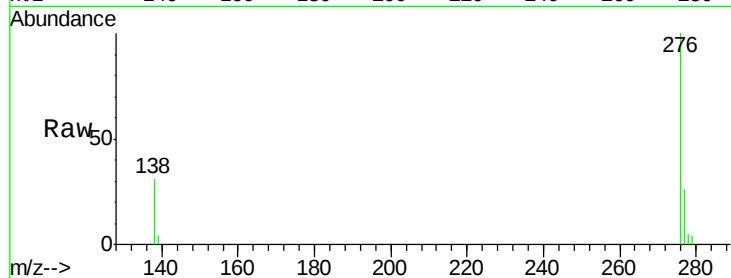
Acq: 12 Jun 2015 22:45

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5



Tgt Ion: 276 Resp: 5320

Ion Ratio Lower Upper

276 100

277 25.7 19.0 28.4

138 31.0 25.0 37.6

