

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061315\
 Data File : BM001684.D
 Acq On : 12 Jun 2015 23:57
 Operator : TP/IZ
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.1

Quant Time: Jun 13 00:31:53 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	12236	5.00	ng	0.00
6) Naphthalene-d8	10.46	136	43644	5.00	ng	0.00
12) Acenaphthene-d10	14.32	164	20935	5.00	ng	0.00
18) Phenanthrene-d10	17.06	188	63924	5.00	ng	0.00
25) Chrysene-d12	21.25	240	37092	5.00	ng	0.00
32) Perylene-d12	23.48	264	34219	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.25	112	358	0.12	ng	0.00
5) Phenol-d6	6.83	99	428	0.12	ng	0.00
7) Nitrobenzene-d5	8.83	82	405	0.12	ng	0.00
13) 2,4,6-Tribromophenol	15.80	330	63	0.09	ng	0.00
14) 2-Fluorobiphenyl	12.94	172	950	0.13	ng	0.00
27) Terphenyl-d14	19.70	244	678	0.12	ng	0.00

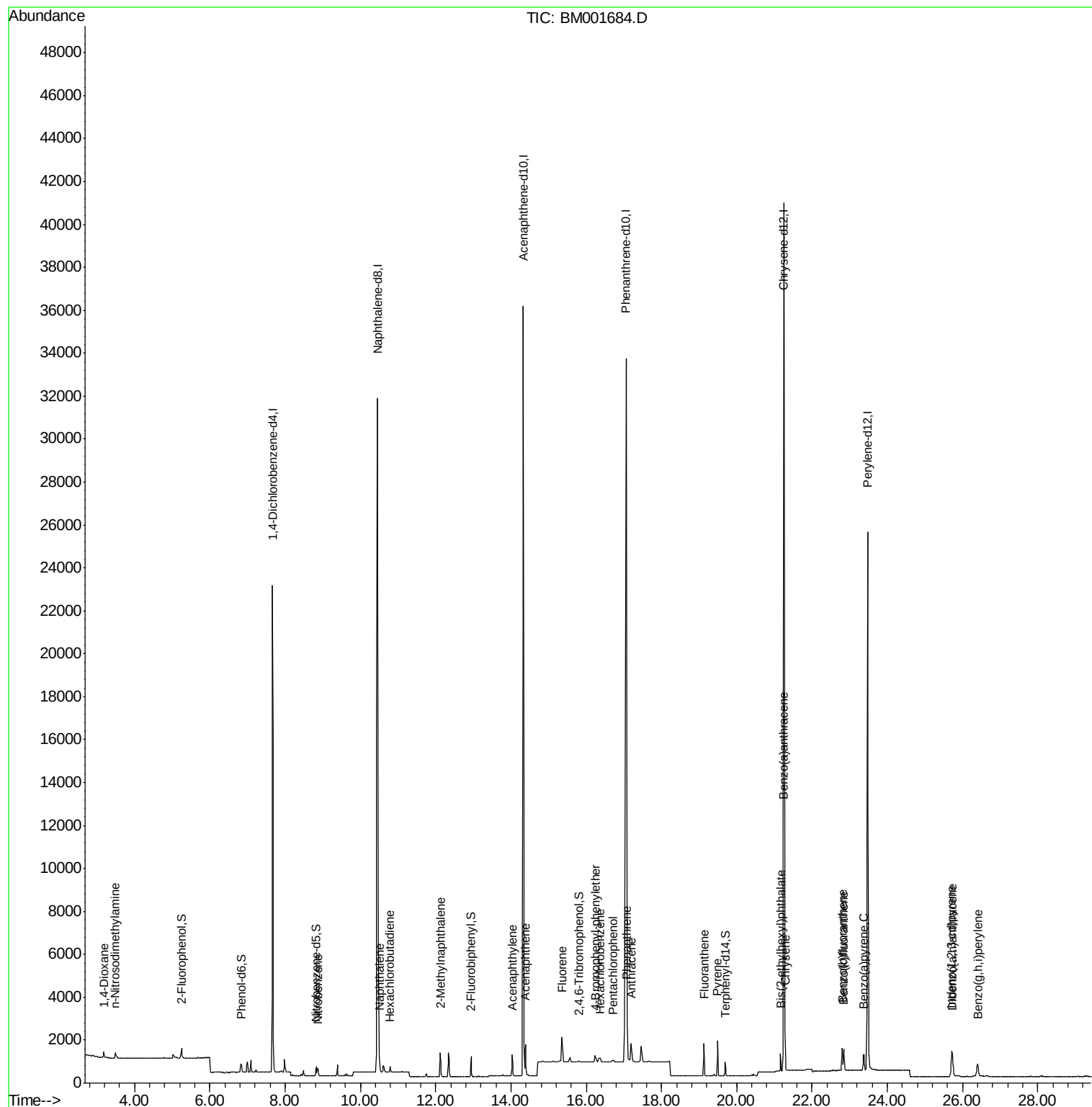
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.18	88	210	0.14	ng	# 84
3) n-Nitrosodimethylamine	3.49	42	262	0.12	ng	# 5
8) Nitrobenzene	8.87	77	441	0.12	ng	97
9) Naphthalene	10.51	128	1334	0.13	ng	# 85
10) Hexachlorobutadiene	10.78	225	222	0.13	ng	97
11) 2-Methylnaphthalene	12.13	142	824	0.12	ng	# 94
15) Acenaphthylene	14.03	152	1146	0.12	ng	100
16) Acenaphthene	14.39	154	758	0.12	ng	96
17) Fluorene	15.36	166	1062	0.16	ng	99
19) 4-Bromophenyl-phenylether	16.24	248	153	0.03	ng	92
20) Hexachlorobenzene	16.38	284	291	0.05	ng	# 100
21) Pentachlorophenol	16.72	266	104	0.07	ng	# 77
22) Phenanthrene	17.09	178	2079	0.10	ng	98
23) Anthracene	17.19	178	1335	0.06	ng	100
24) Fluoranthene	19.13	202	1458	0.05	ng	100
26) Pyrene	19.49	202	1507	0.12	ng	100
28) Benzo(a)anthracene	21.24	228	1522	0.13	ng	# 95
29) Chrysene	21.28	228	1306	0.12	ng	# 95
30) Bis(2-ethylhexyl)phthalate	21.16	149	880	0.12	ng	97
31) Indeno(1,2,3-cd)pyrene	25.71	276	1398	0.15	ng	99
33) Benzo(b)fluoranthene	22.80	252	1319	0.12	ng	# 79
34) Benzo(k)fluoranthene	22.84	252	1198	0.11	ng	# 82
35) Benzo(a)pyrene	23.38	252	1106	0.12	ng	# 72
36) Dibenzo(a,h)anthracene	25.73	278	1106	0.14	ng	# 82
37) Benzo(g,h,i)perylene	26.40	276	1218	0.14	ng	# 85

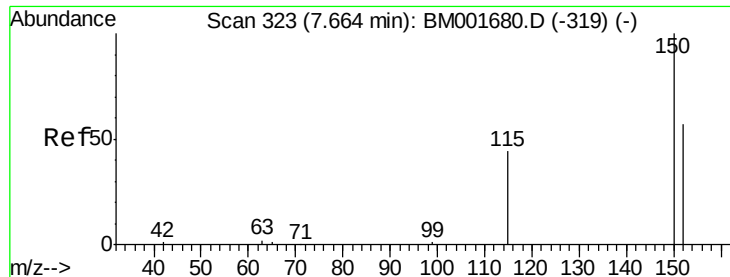
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM001684.D

Acq: 12 Jun 2015 23:57

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

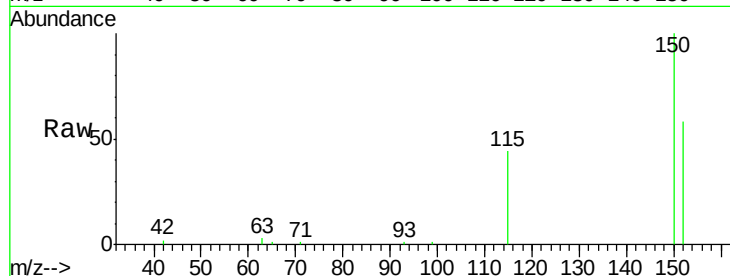
Tgt Ion:152 Resp: 12236

Ion Ratio Lower Upper

152 100

150 172.2 139.6 209.4

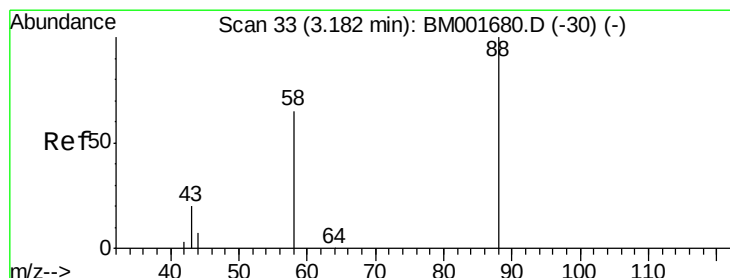
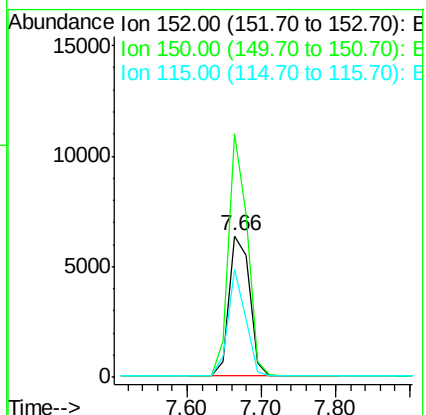
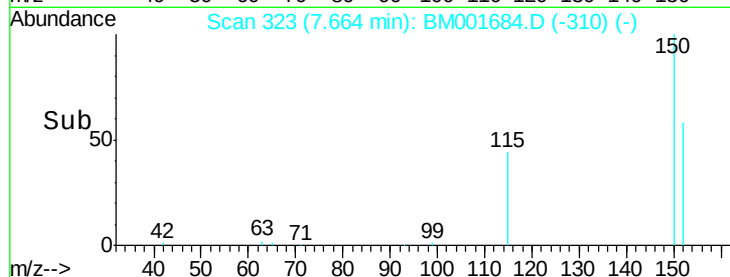
115 76.6 62.5 93.7



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: 0.14 ng

RT: 3.18 min Scan# 33

Delta R.T. -0.00 min

Lab File: BM001684.D

Acq: 12 Jun 2015 23:57

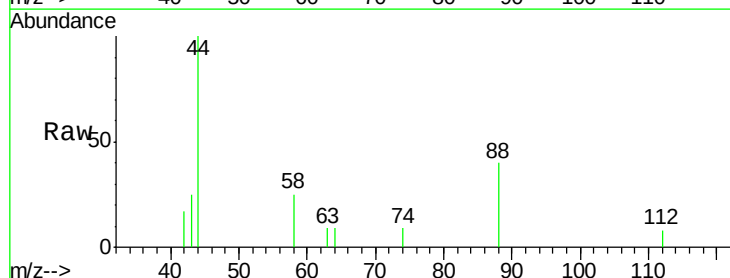
Tgt Ion: 88 Resp: 210

Ion Ratio Lower Upper

88 100

58 74.3 68.1 102.1

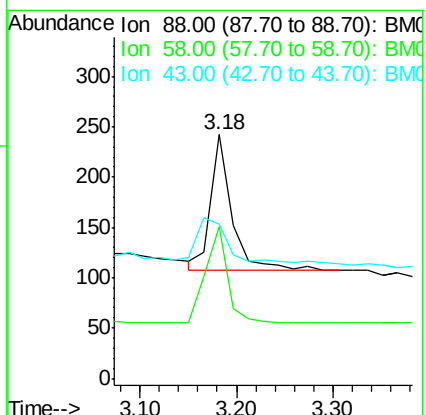
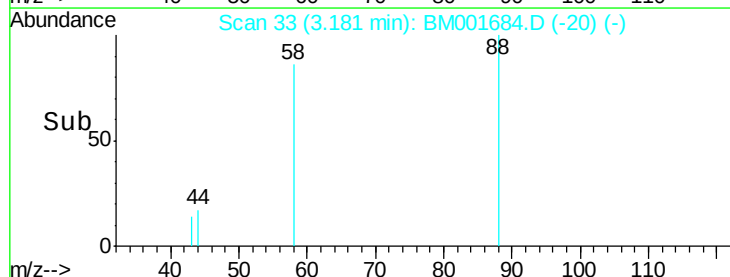
43 55.2 31.8 47.6#

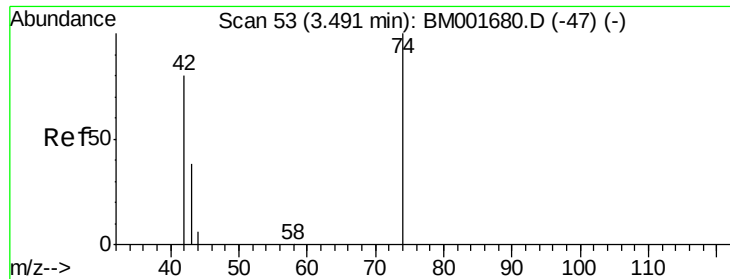


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.12 ng

RT: 3.49 min Scan# 53

Delta R.T. -0.00 min

Lab File: BM001684.D

Acq: 12 Jun 2015 23:57

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

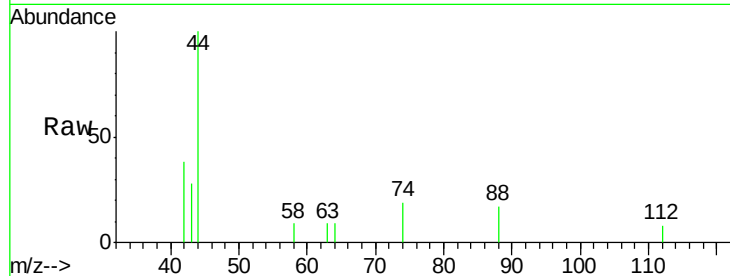
Tgt Ion: 42 Resp: 262

Ion Ratio Lower Upper

42 100

74 0.0 80.5 120.7#

44 0.0 5.4 8.0#

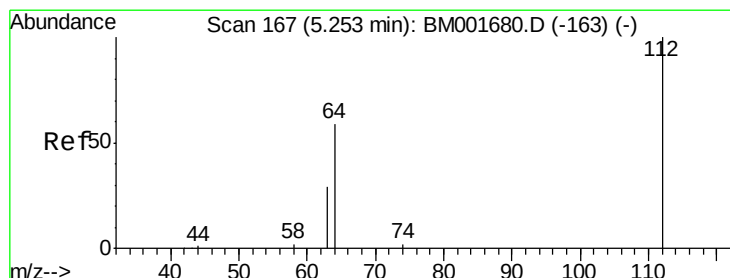
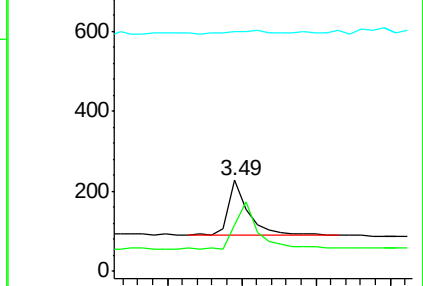
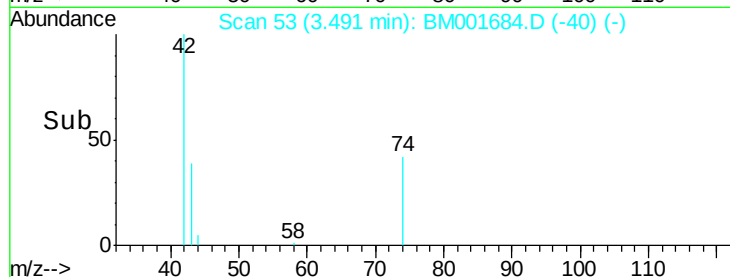


Abundance Ion 42.00 (41.70 to 42.70): BM001680.D (-47) (-)

Ion 74.00 (73.70 to 74.70): BM001680.D (-47) (-)

Ion 44.00 (43.70 to 44.70): BM001680.D (-47) (-)

Time-->



#4

2-Fluorophenol

Concen: 0.12 ng

RT: 5.25 min Scan# 167

Delta R.T. -0.00 min

Lab File: BM001684.D

Acq: 12 Jun 2015 23:57

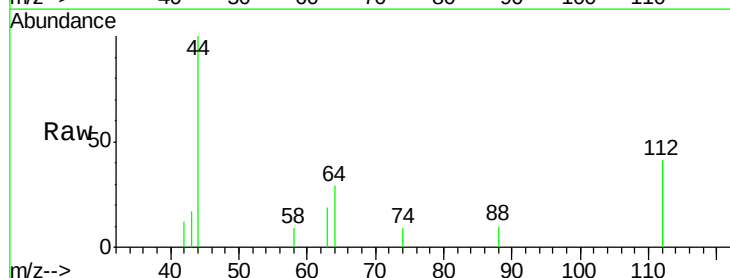
Tgt Ion: 112 Resp: 358

Ion Ratio Lower Upper

112 100

64 68.7 54.9 82.3

63 39.7 30.5 45.7

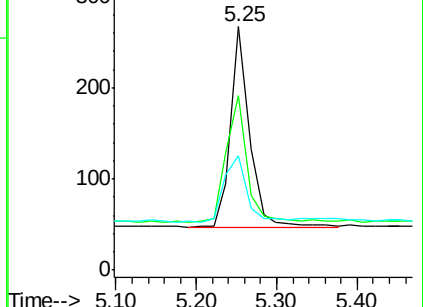
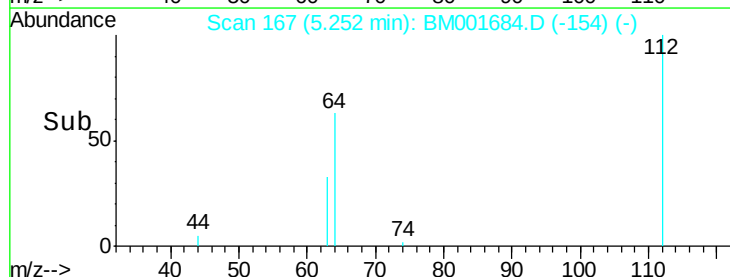


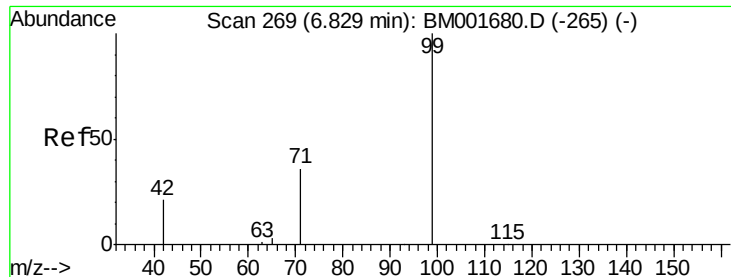
Abundance Ion 112.00 (111.70 to 112.70): BM001680.D (-163) (-)

Ion 64.00 (63.70 to 64.70): BM001680.D (-163) (-)

Ion 63.00 (62.70 to 63.70): BM001680.D (-163) (-)

Time-->





#5

Phenol-d6

Concen: 0.12 ng

RT: 6.83 min Scan# 269

Delta R.T. -0.00 min

Lab File: BM001684.D

Acq: 12 Jun 2015 23:57

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

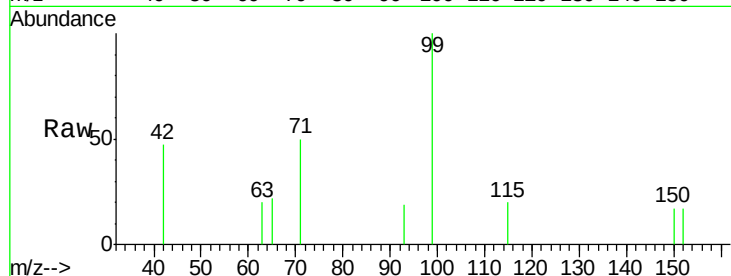
Tgt Ion: 99 Resp: 428

Ion Ratio Lower Upper

99 100

42 33.2 21.0 31.6#

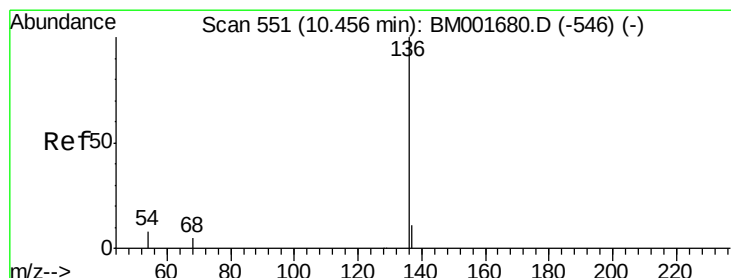
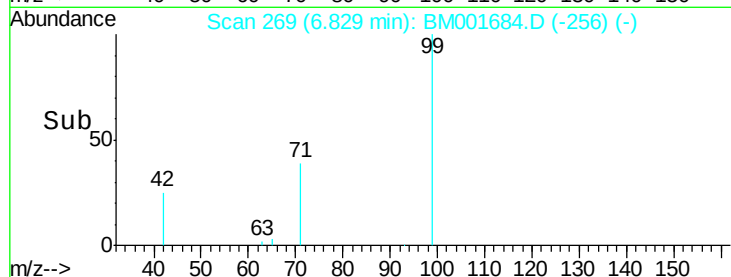
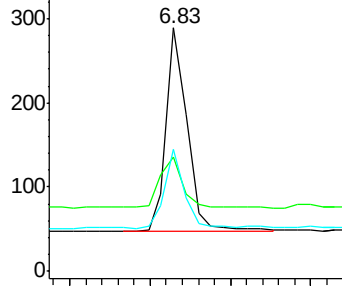
71 37.1 28.7 43.1



Abundance Ion 99.00 (98.70 to 99.70): BM001684.D (-265) (-)

Ion 42.00 (41.70 to 42.70): BM001684.D (-265) (-)

Ion 71.00 (70.70 to 71.70): BM001684.D (-265) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.46 min Scan# 551

Delta R.T. -0.00 min

Lab File: BM001684.D

Acq: 12 Jun 2015 23:57

Tgt Ion: 136 Resp: 43644

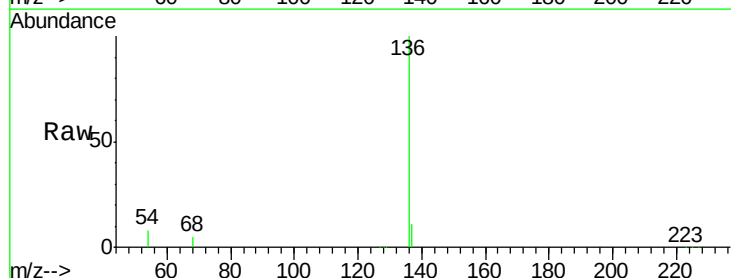
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.6 6.2 9.4

68 4.9 3.9 5.9

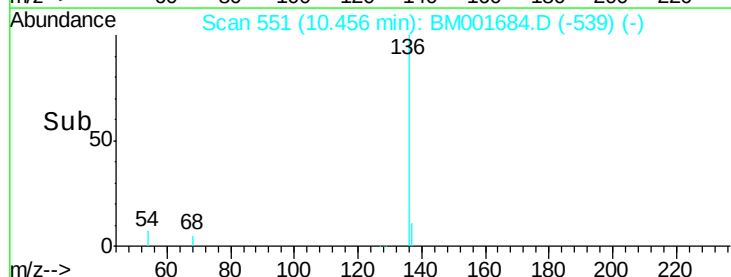
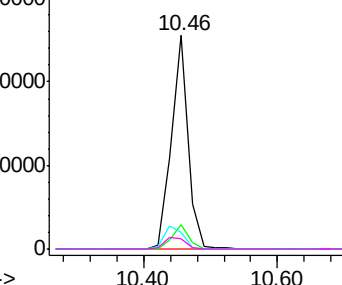


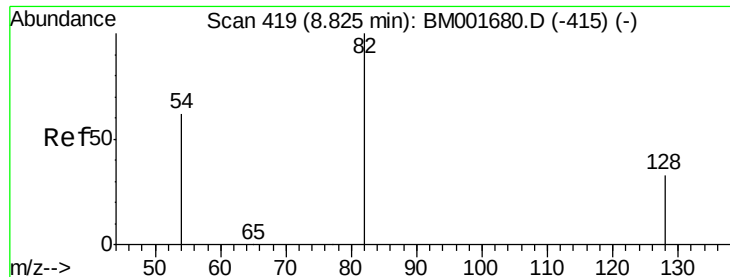
Abundance Ion 136.00 (135.70 to 136.70): BM001684.D (-546) (-)

Ion 137.00 (136.70 to 137.70): BM001684.D (-546) (-)

Ion 54.00 (53.70 to 54.70): BM001684.D (-546) (-)

Ion 68.00 (67.70 to 68.70): BM001684.D (-546) (-)





#7

Nitrobenzene-d5

Concen: 0.12 ng

RT: 8.83 min Scan# 419

Delta R.T. -0.00 min

Lab File: BM001684.D

Acq: 12 Jun 2015 23:57

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

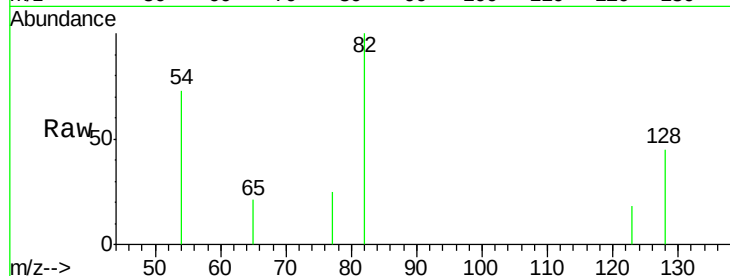
Tgt Ion: 82 Resp: 405

Ion Ratio Lower Upper

82 100

128 44.5 27.6 41.4#

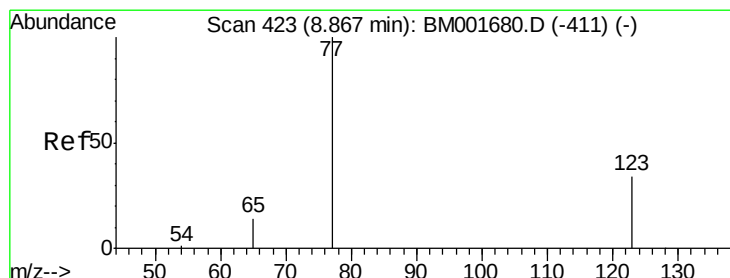
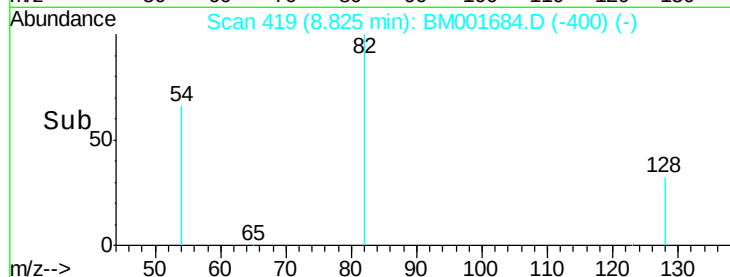
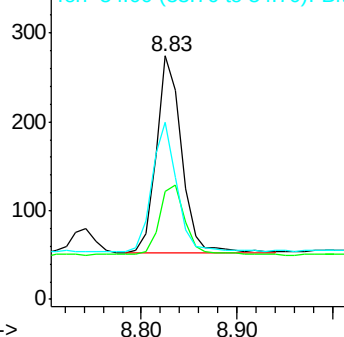
54 73.0 50.1 75.1



Abundance Ion 82.00 (81.70 to 82.70): BM001684.D (-415) (-)

Ion 128.00 (127.70 to 128.70): BM001684.D (-415) (-)

Ion 54.00 (53.70 to 54.70): BM001684.D (-415) (-)



#8

Nitrobenzene

Concen: 0.12 ng

RT: 8.87 min Scan# 423

Delta R.T. -0.00 min

Lab File: BM001684.D

Acq: 12 Jun 2015 23:57

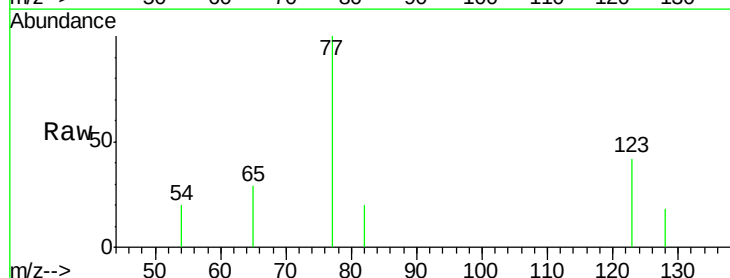
Tgt Ion: 77 Resp: 441

Ion Ratio Lower Upper

77 100

123 35.8 30.6 46.0

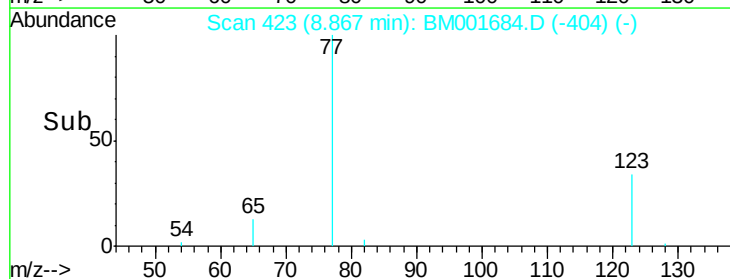
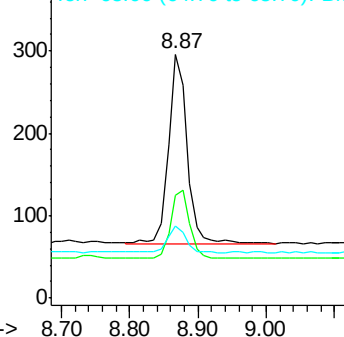
65 14.1 11.5 17.3

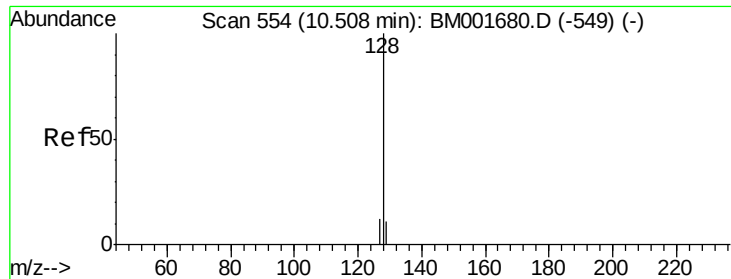


Abundance Ion 77.00 (76.70 to 77.70): BM001684.D (-411) (-)

Ion 123.00 (122.70 to 123.70): BM001684.D (-411) (-)

Ion 65.00 (64.70 to 65.70): BM001684.D (-411) (-)





#9

Naphthalene

Concen: 0.13 ng

RT: 10.51 min Scan# 554

Delta R.T. -0.00 min

Lab File: BM001684.D

Acq: 12 Jun 2015 23:57

Instrument :

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ClientSampleId :

SSTDIC0.1

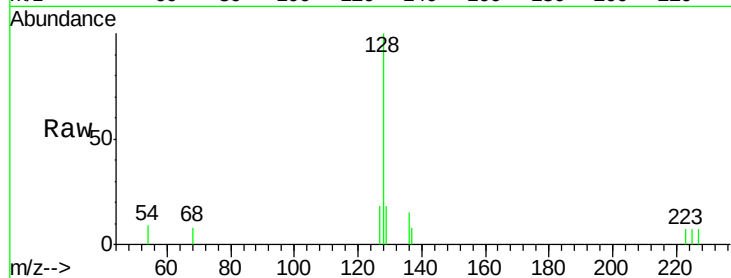
Tgt Ion:128 Resp: 1334

Ion Ratio Lower Upper

128 100

129 17.8 9.7 14.5#

127 18.1 9.8 14.6#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

10.51

600

400

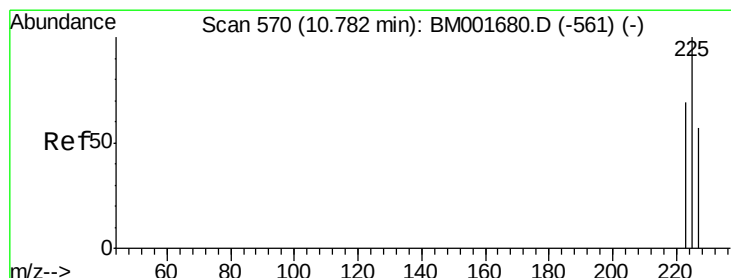
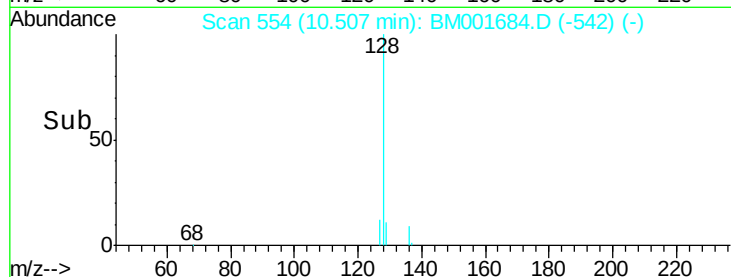
200

0

10.40

10.60

Time-->



#10

Hexachlorobutadiene

Concen: 0.13 ng

RT: 10.78 min Scan# 570

Delta R.T. -0.00 min

Lab File: BM001684.D

Acq: 12 Jun 2015 23:57

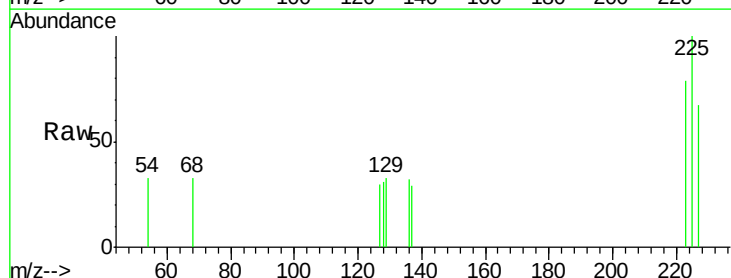
Tgt Ion:225 Resp: 222

Ion Ratio Lower Upper

225 100

223 64.9 49.7 74.5

227 65.8 51.1 76.7



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

10.78

200

150

100

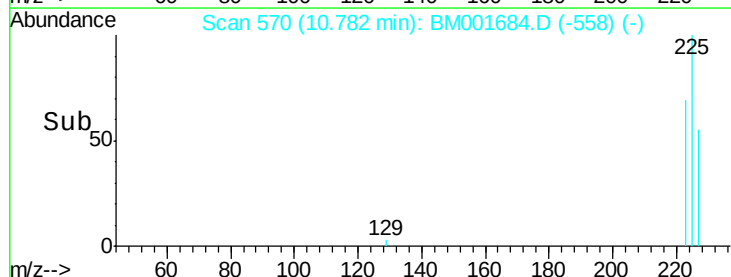
50

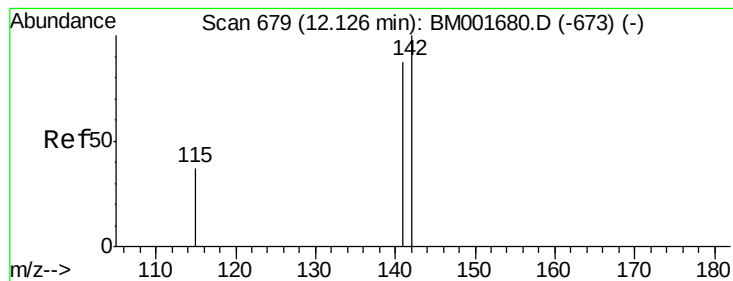
0

10.60

10.80

Time-->





#11

2-Methylnaphthalene

Concen: 0.12 ng

RT: 12.13 min Scan# 679

Delta R.T. -0.00 min

Lab File: BM001684.D

Acq: 12 Jun 2015 23:57

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

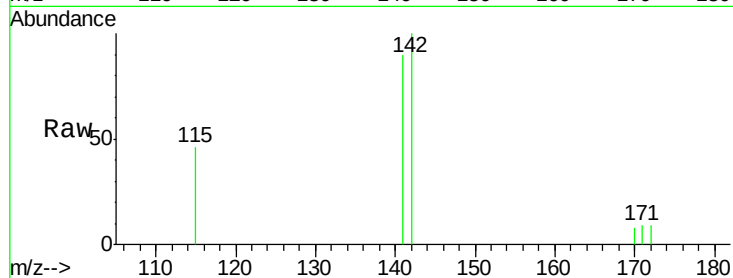
Tgt Ion:142 Resp: 824

Ion Ratio Lower Upper

142 100

141 89.7 69.5 104.3

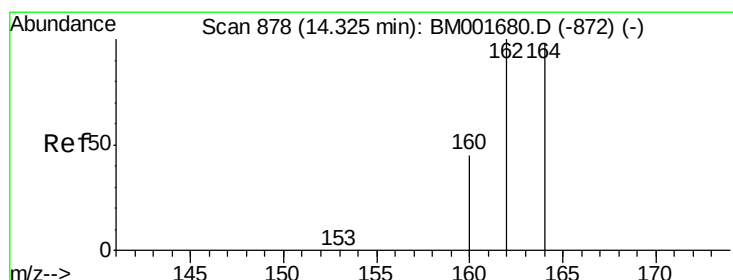
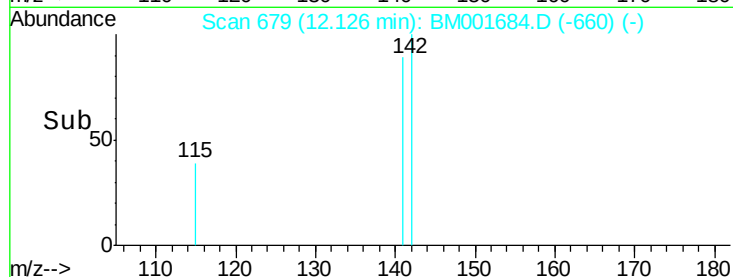
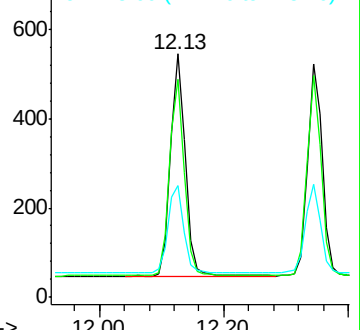
115 45.8 30.2 45.4#



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: BM001684.D

Acq: 12 Jun 2015 23:57

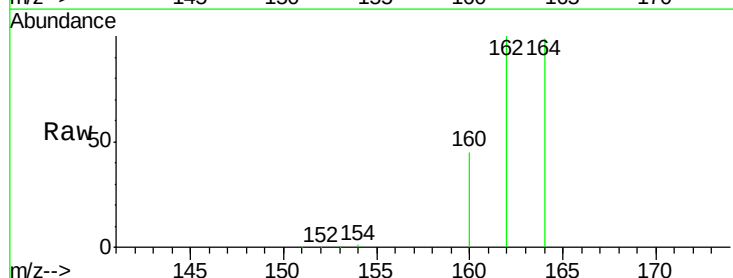
Tgt Ion:164 Resp: 20935

Ion Ratio Lower Upper

164 100

162 101.5 82.0 123.0

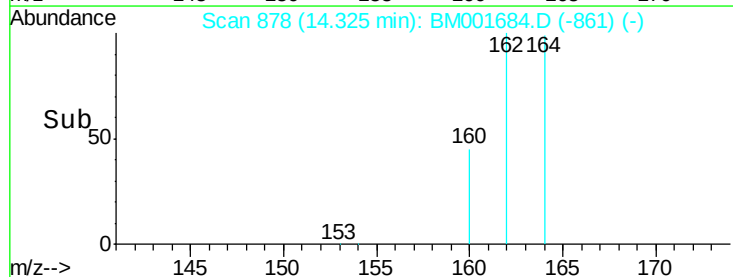
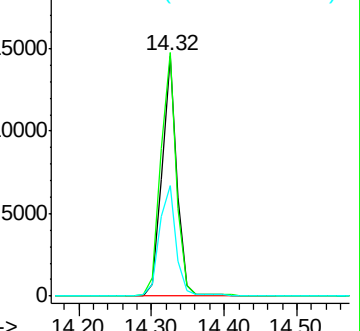
160 45.8 36.6 55.0

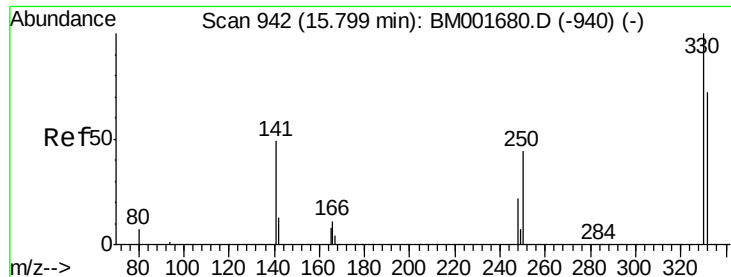


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

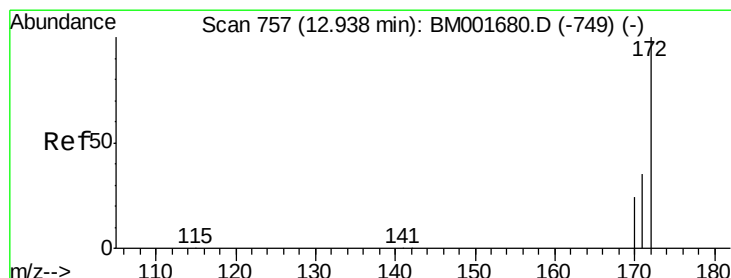
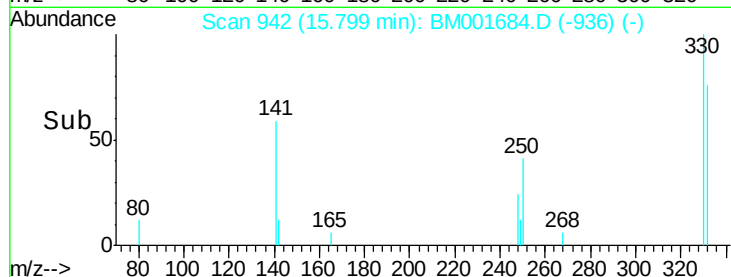
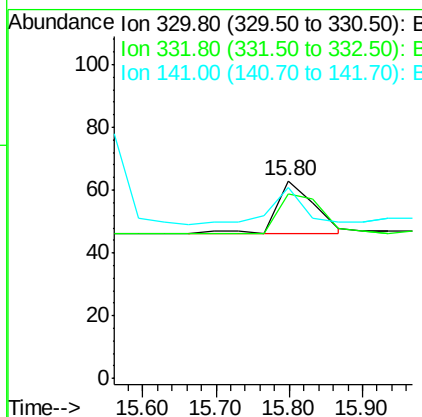
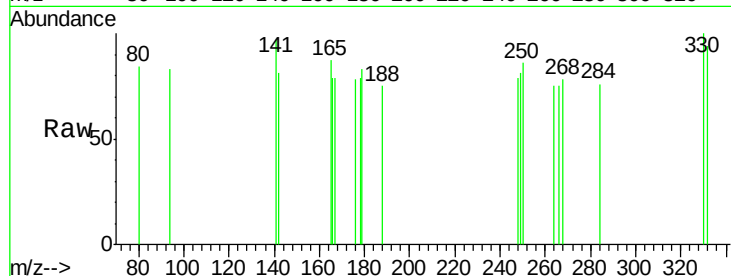




#13
 2,4,6-Tribromophenol
 Concen: 0.09 ng
 RT: 15.80 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: BM001684.D
 Acq: 12 Jun 2015 23:57

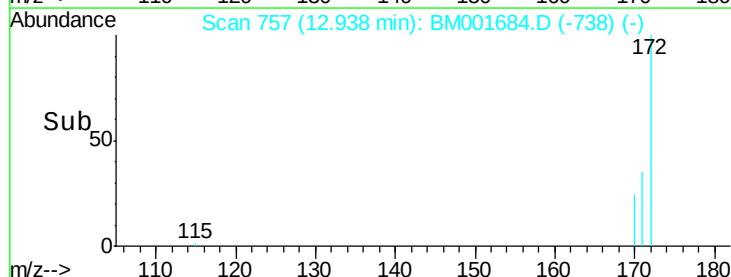
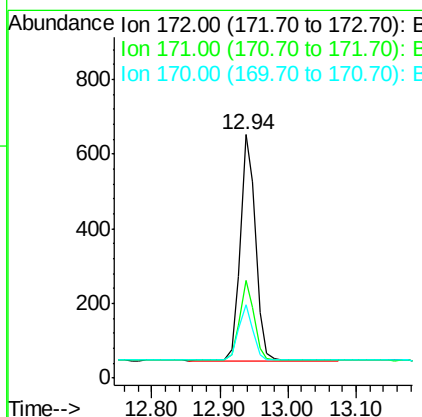
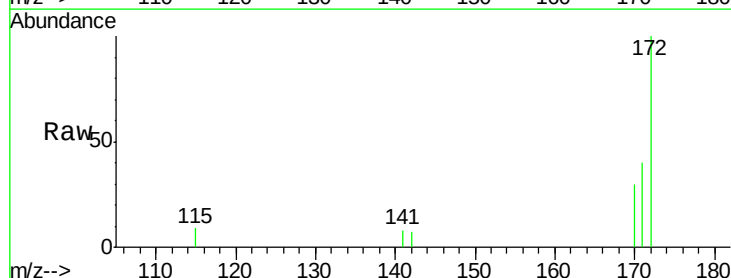
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.1

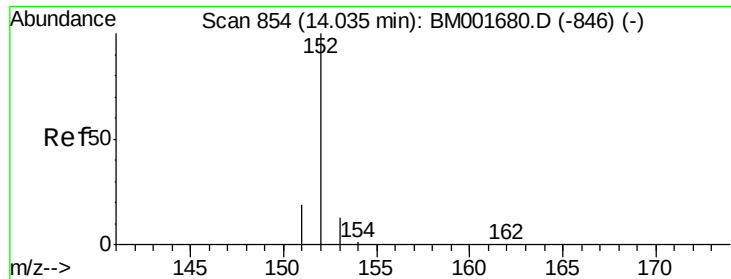
Tgt Ion: 330 Resp: 63
 Ion Ratio Lower Upper
 330 100
 332 84.1 68.6 103.0
 141 65.1 39.0 58.4#



#14
 2-Fluorobiphenyl
 Concen: 0.13 ng
 RT: 12.94 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BM001684.D
 Acq: 12 Jun 2015 23:57

Tgt Ion: 172 Resp: 950
 Ion Ratio Lower Upper
 172 100
 171 40.0 28.4 42.6
 170 29.9 19.5 29.3#





#15

Acenaphthylene

Concen: 0.12 ng

RT: 14.03 min Scan# 854

Delta R.T. -0.00 min

Lab File: BM001684.D

Acq: 12 Jun 2015 23:57

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

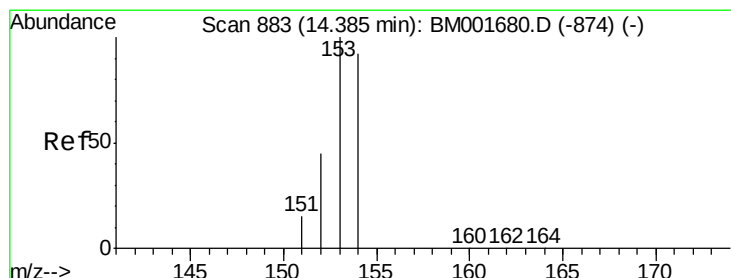
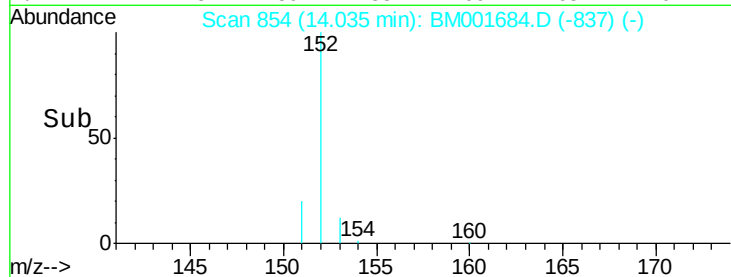
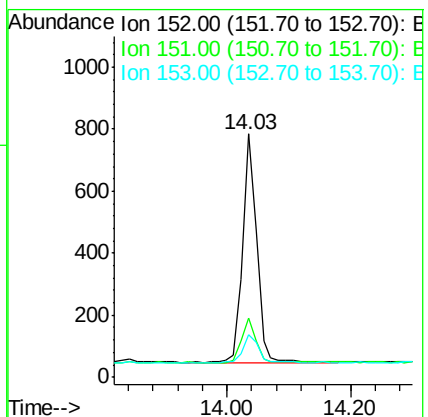
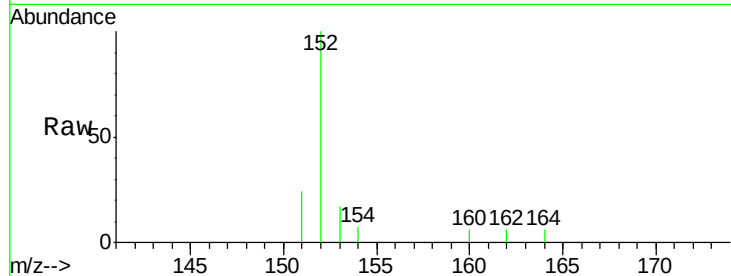
Tgt Ion:152 Resp: 1146

Ion Ratio Lower Upper

152 100

151 19.2 15.3 22.9

153 12.6 10.3 15.5



#16

Acenaphthene

Concen: 0.12 ng

RT: 14.39 min Scan# 883

Delta R.T. -0.00 min

Lab File: BM001684.D

Acq: 12 Jun 2015 23:57

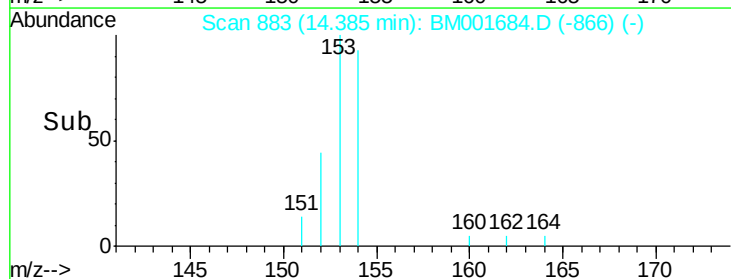
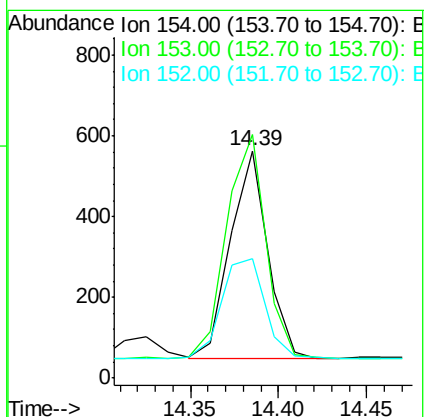
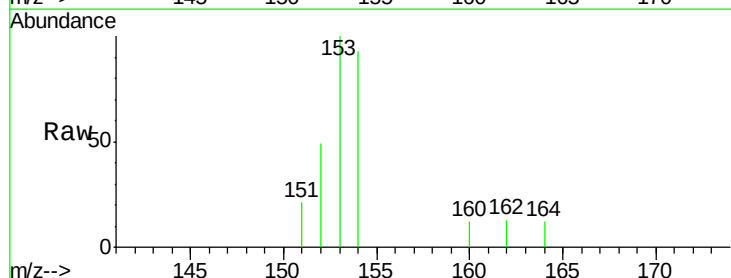
Tgt Ion:154 Resp: 758

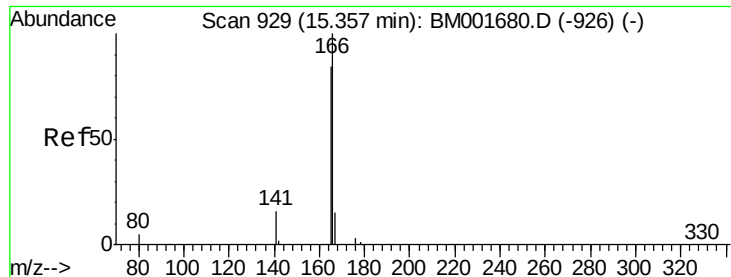
Ion Ratio Lower Upper

154 100

153 115.8 89.3 133.9

152 56.6 43.7 65.5

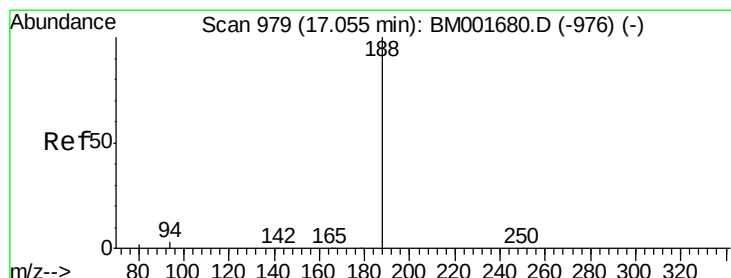
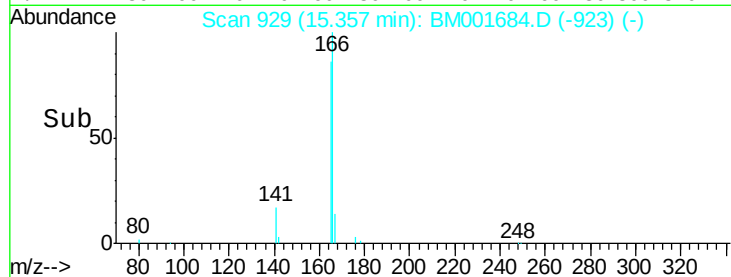
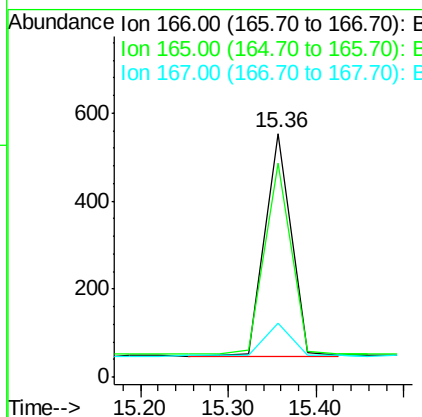
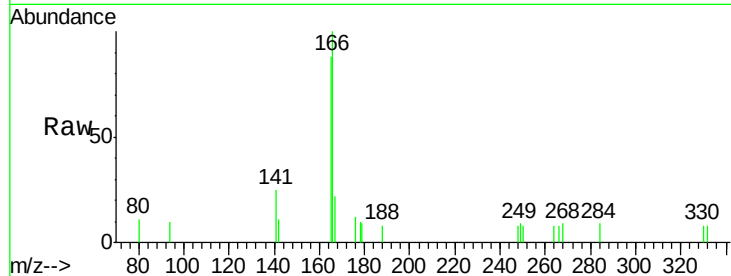




#17
Fluorene
 Concen: 0.16 ng
 RT: 15.36 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: BM001684.D
 Acq: 12 Jun 2015 23:57

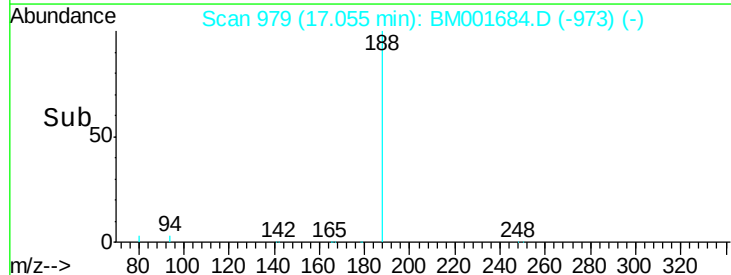
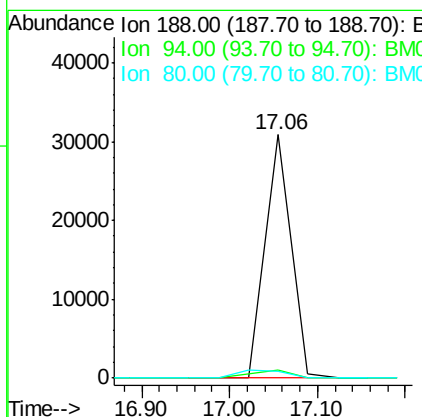
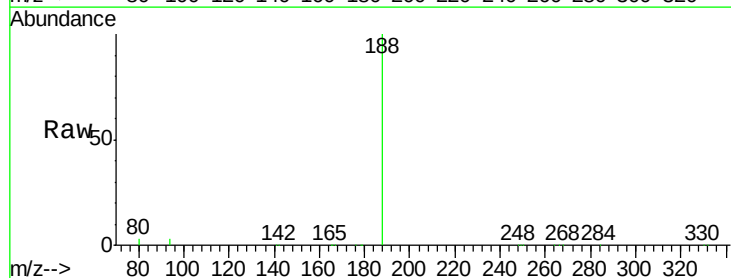
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.1

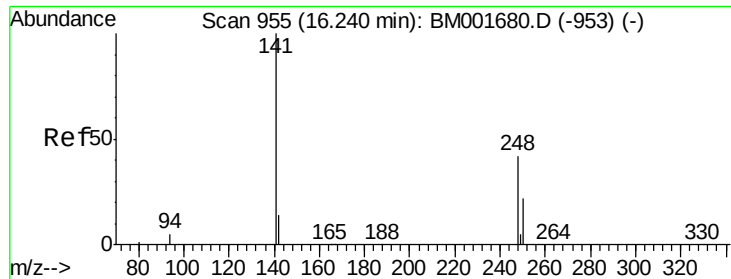
Tgt Ion:166 Resp: 1062
 Ion Ratio Lower Upper
 166 100
 165 86.7 68.5 102.7
 167 15.0 11.8 17.6



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.06 min Scan# 979
 Delta R.T. -0.00 min
 Lab File: BM001684.D
 Acq: 12 Jun 2015 23:57

Tgt Ion:188 Resp: 63924
 Ion Ratio Lower Upper
 188 100
 94 3.3 2.2 3.2#
 80 3.0 1.8 2.8#

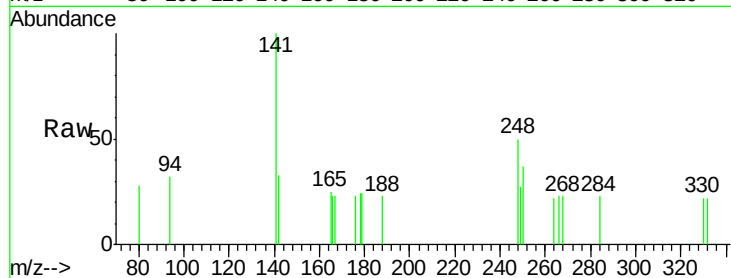




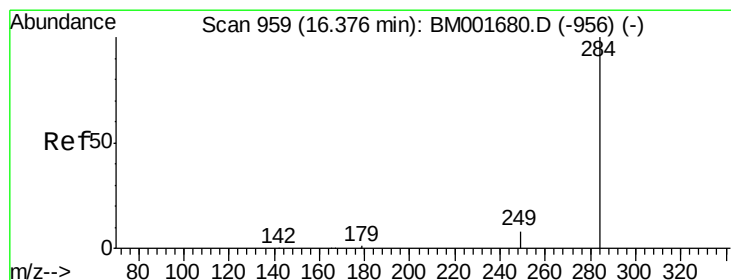
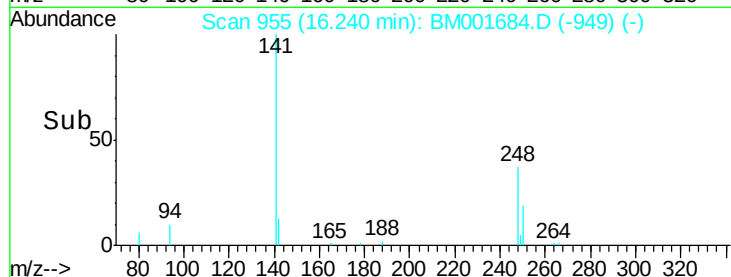
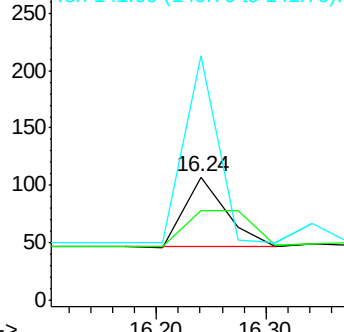
#19
4-Bromophenyl-phenylether
Concen: 0.03 ng
RT: 16.24 min Scan# 955
Delta R.T. -0.00 min
Lab File: BM001684.D
Acq: 12 Jun 2015 23:57

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.1

Tgt Ion: 248 Resp: 153
Ion Ratio Lower Upper
248 100
250 83.7 59.7 89.5
141 219.6 166.4 249.6

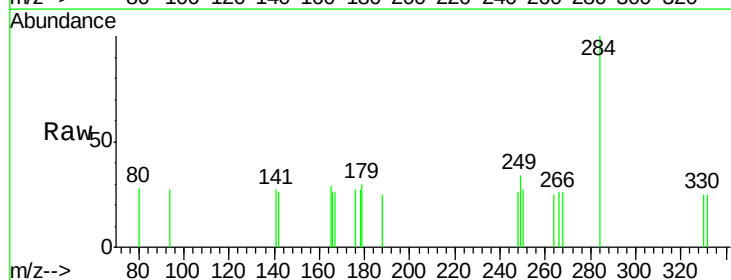


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

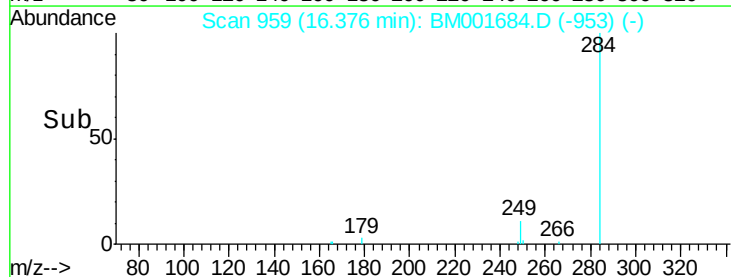
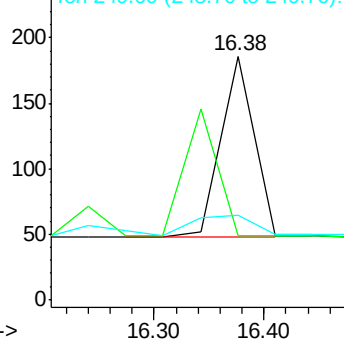


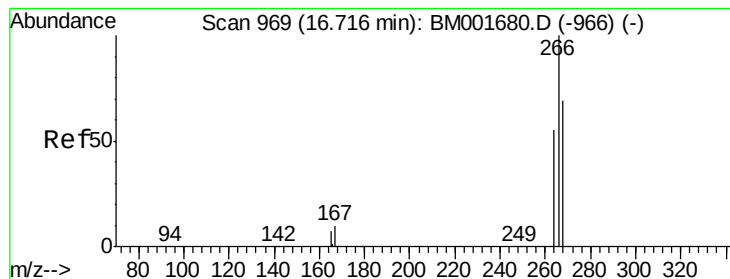
#20
Hexachlorobenzene
Concen: 0.05 ng
RT: 16.38 min Scan# 959
Delta R.T. -0.00 min
Lab File: BM001684.D
Acq: 12 Jun 2015 23:57

Tgt Ion: 284 Resp: 291
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 20.3 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: 0.07 ng

RT: 16.72 min Scan# 969

Delta R.T. -0.00 min

Lab File: BM001684.D

Acq: 12 Jun 2015 23:57

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

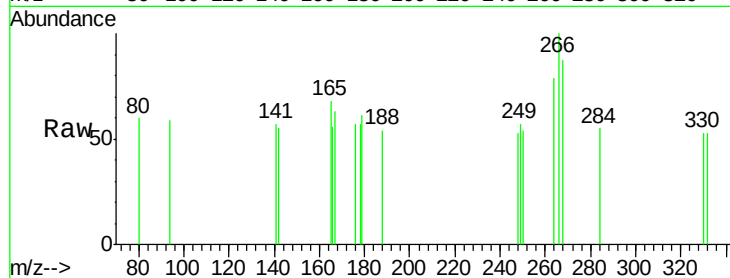
Tgt Ion:266 Resp: 104

Ion Ratio Lower Upper

266 100

268 87.4 57.2 85.8#

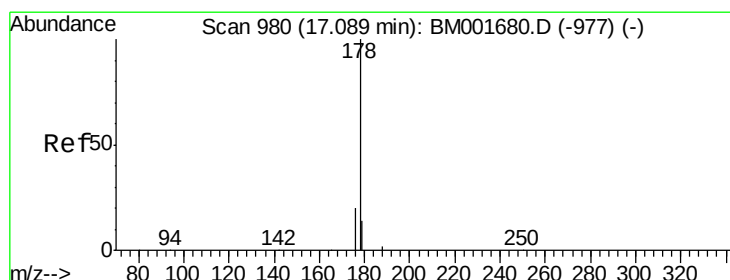
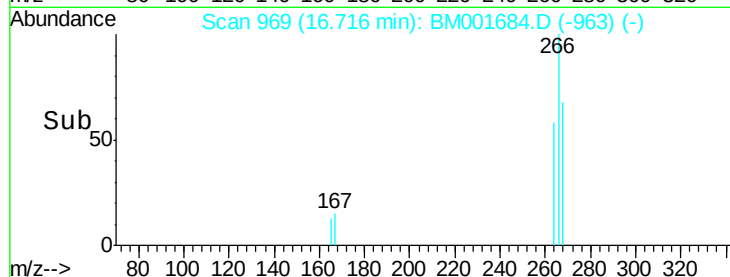
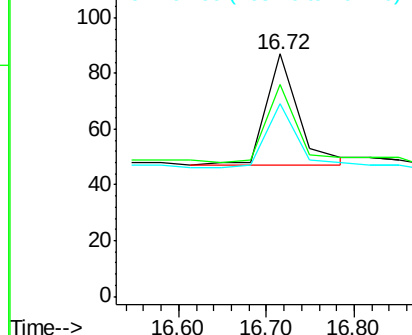
264 79.3 46.3 69.5#



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: 0.10 ng

RT: 17.09 min Scan# 980

Delta R.T. -0.00 min

Lab File: BM001684.D

Acq: 12 Jun 2015 23:57

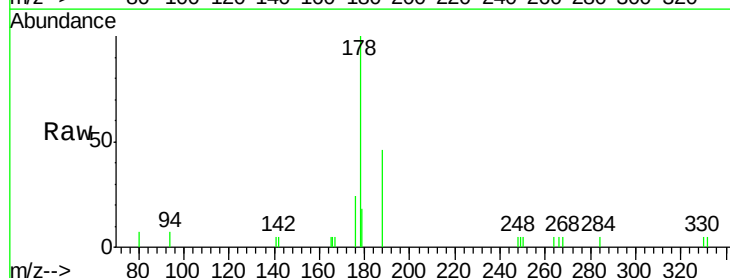
Tgt Ion:178 Resp: 2079

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

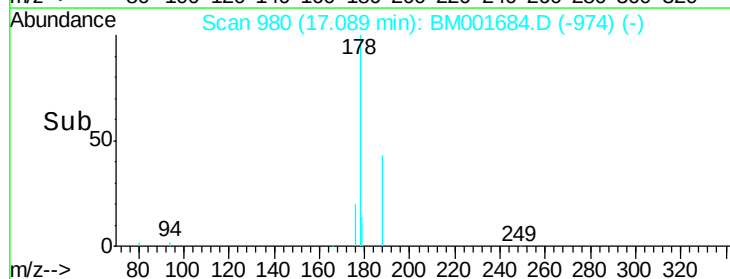
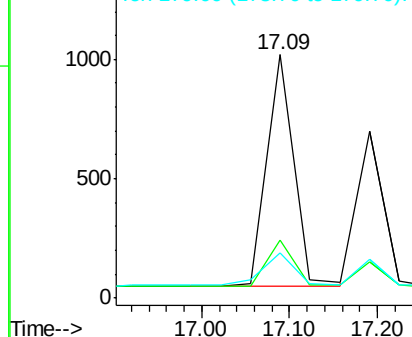
179 16.4 11.8 17.8

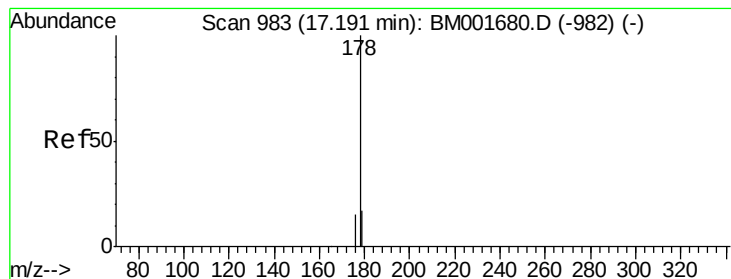


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 0.06 ng

RT: 17.19 min Scan# 983

Delta R.T. -0.00 min

Lab File: BM001684.D

Acq: 12 Jun 2015 23:57

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

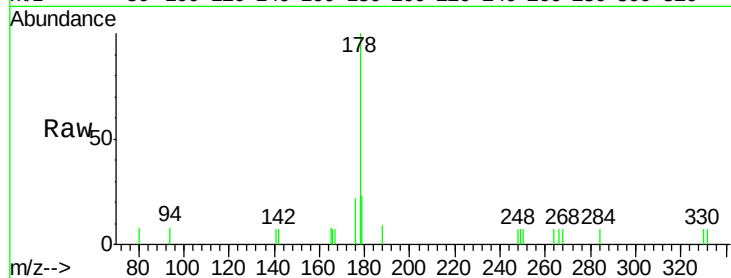
Tgt Ion:178 Resp: 1335

Ion Ratio Lower Upper

178 100

176 15.7 12.6 18.8

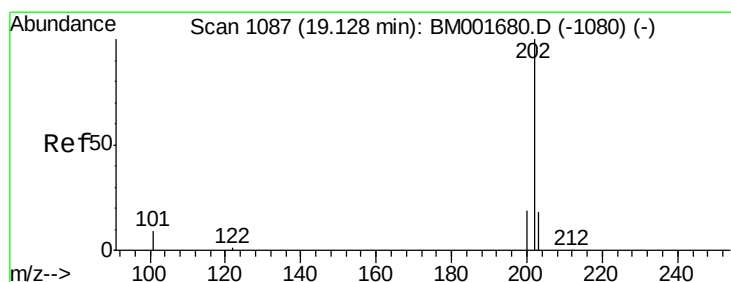
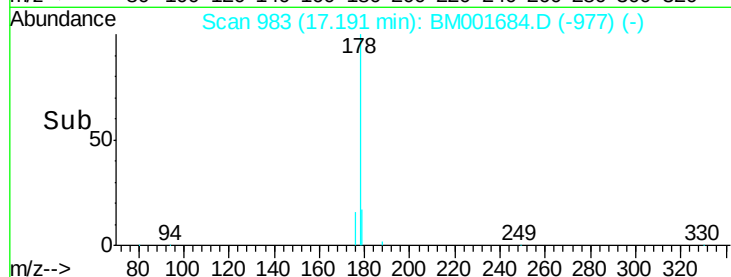
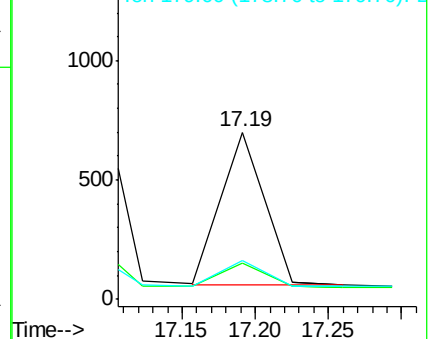
179 16.6 13.5 20.3



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: 0.05 ng

RT: 19.13 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BM001684.D

Acq: 12 Jun 2015 23:57

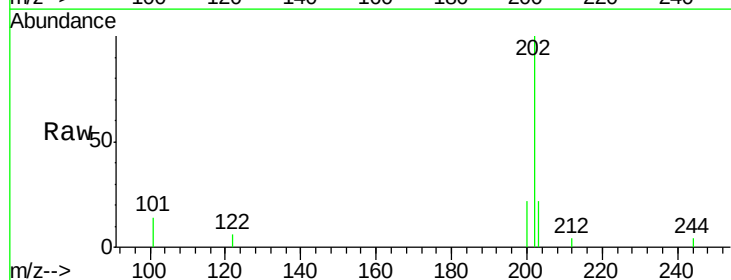
Tgt Ion:202 Resp: 1458

Ion Ratio Lower Upper

202 100

101 13.0 10.3 15.5

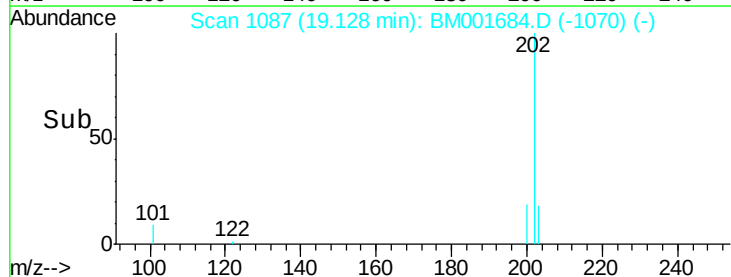
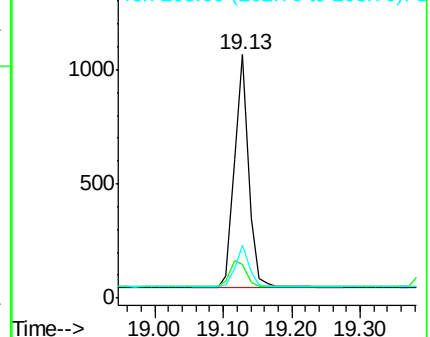
203 17.1 13.8 20.6

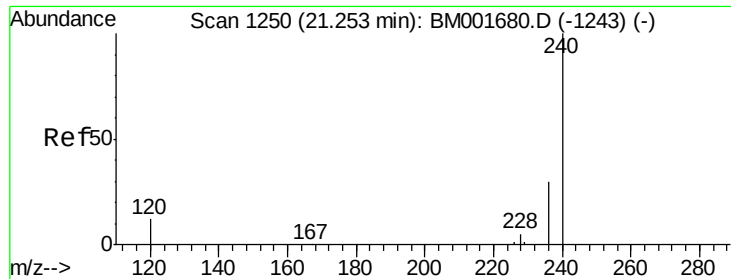


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.25 min Scan# 1250

Delta R.T. -0.00 min

Lab File: BM001684.D

Acq: 12 Jun 2015 23:57

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

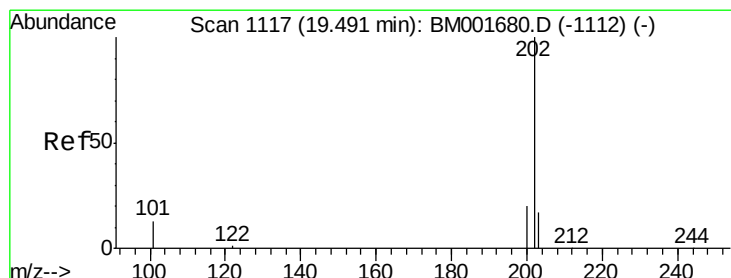
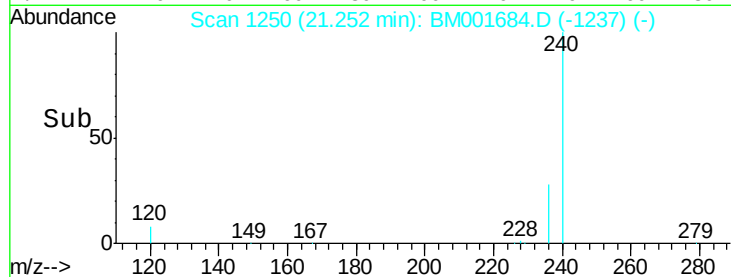
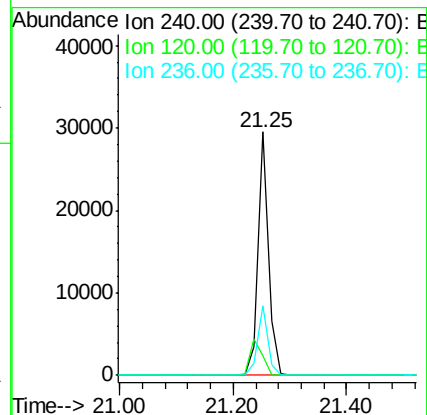
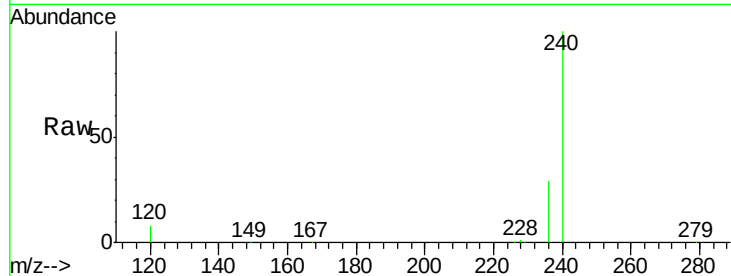
Tgt Ion:240 Resp: 37092

Ion Ratio Lower Upper

240 100

120 8.0 9.9 14.9#

236 28.5 23.9 35.9



#26

Pyrene

Concen: 0.12 ng

RT: 19.49 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BM001684.D

Acq: 12 Jun 2015 23:57

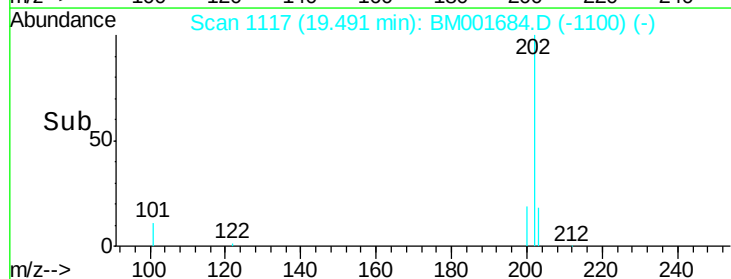
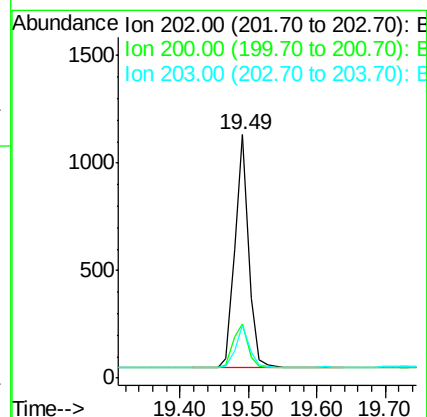
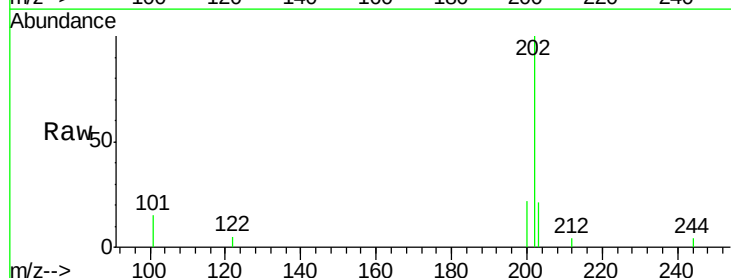
Tgt Ion:202 Resp: 1507

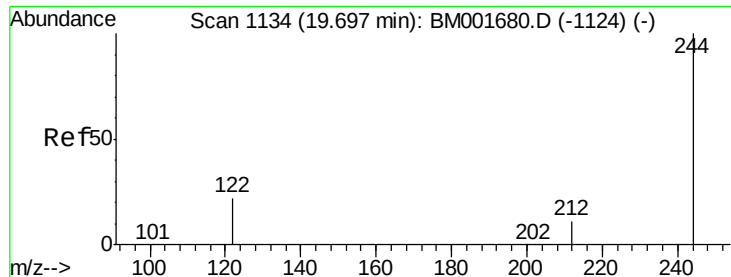
Ion Ratio Lower Upper

202 100

200 20.9 16.8 25.2

203 17.3 13.6 20.4

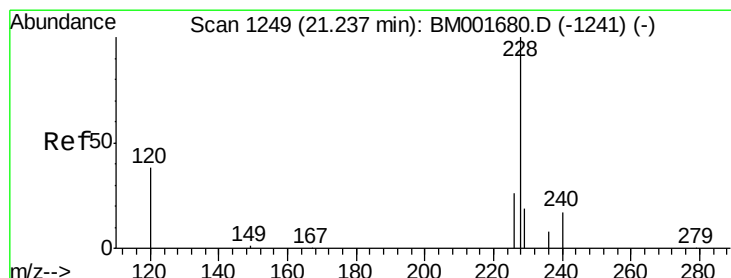
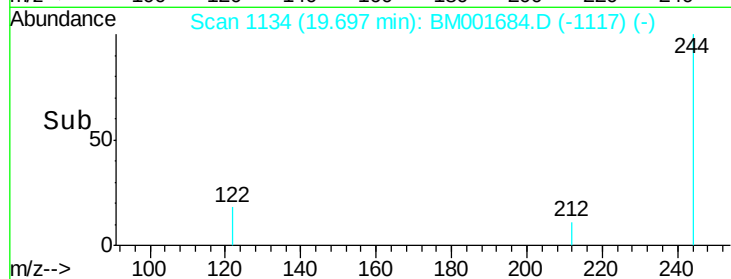
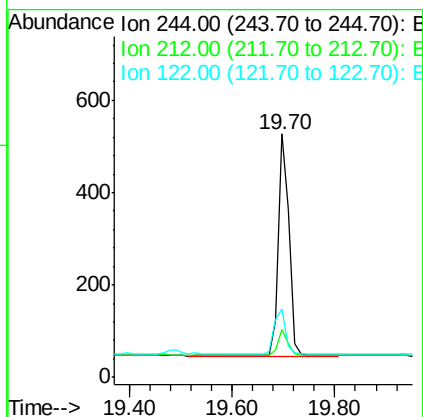
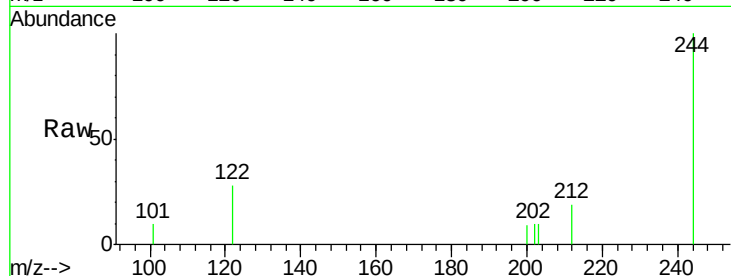




#27
 Terphenyl-d14
 Concen: 0.12 ng
 RT: 19.70 min Scan# 1134
 Delta R.T. -0.00 min
 Lab File: BM001684.D
 Acq: 12 Jun 2015 23:57

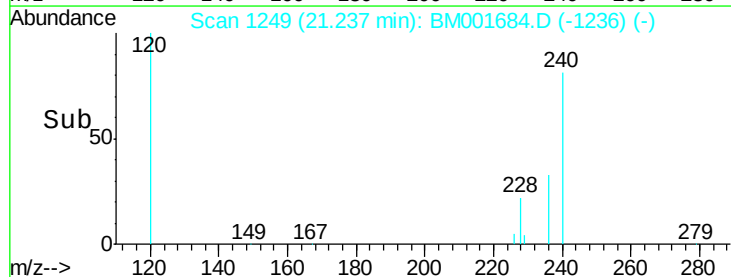
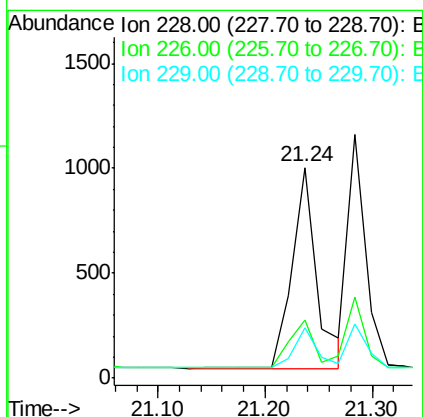
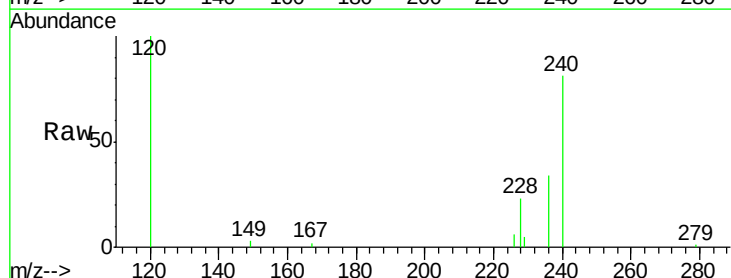
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.1

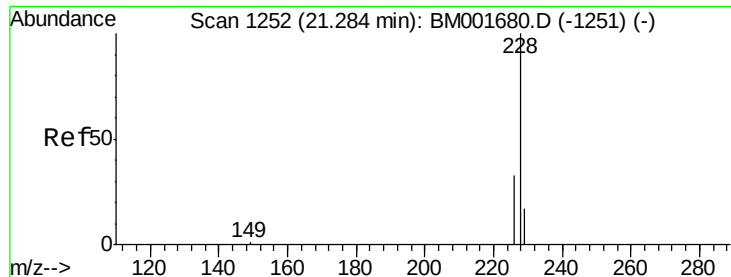
Tgt Ion: 244 Resp: 678
 Ion Ratio Lower Upper
 244 100
 212 19.4 9.6 14.4#
 122 28.1 18.4 27.6#



#28
 Benzo(a)anthracene
 Concen: 0.13 ng
 RT: 21.24 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: BM001684.D
 Acq: 12 Jun 2015 23:57

Tgt Ion: 228 Resp: 1522
 Ion Ratio Lower Upper
 228 100
 226 27.3 21.0 31.4
 229 23.8 15.8 23.8#





#29

Chrysene

Concen: 0.12 ng

RT: 21.28 min Scan# 1252

Delta R.T. -0.00 min

Lab File: BM001684.D

Acq: 12 Jun 2015 23:57

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.1

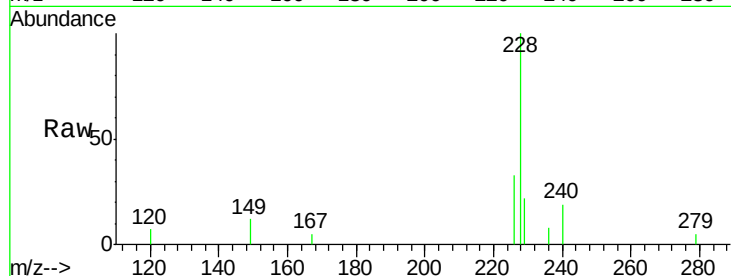
Tgt Ion:228 Resp: 1306

Ion Ratio Lower Upper

228 100

226 33.3 27.4 41.0

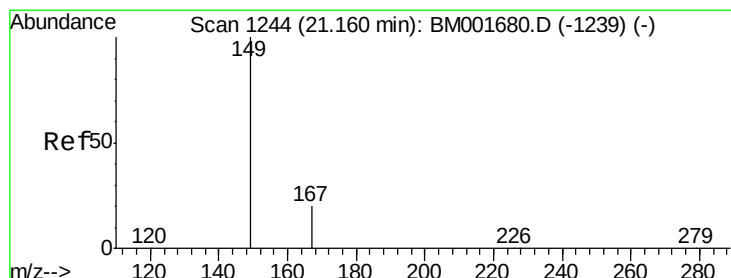
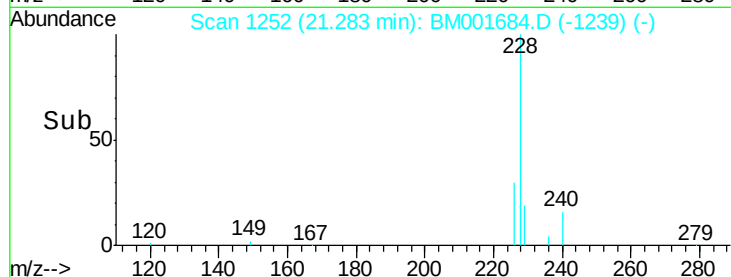
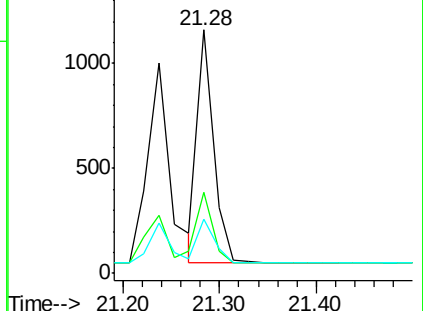
229 22.3 13.7 20.5#



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: 0.12 ng

RT: 21.16 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BM001684.D

Acq: 12 Jun 2015 23:57

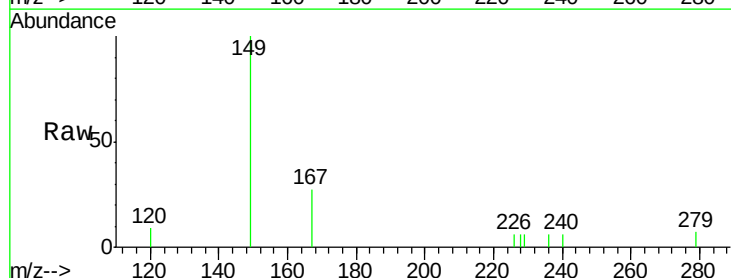
Tgt Ion:149 Resp: 880

Ion Ratio Lower Upper

149 100

167 23.8 20.4 30.6

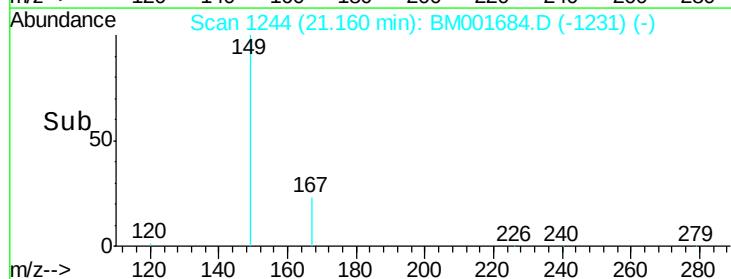
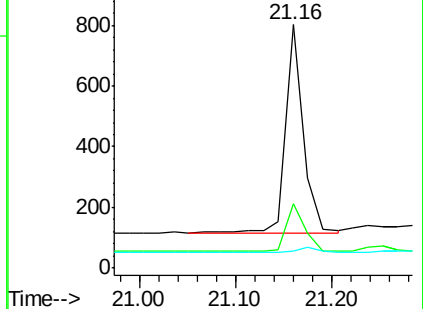
279 2.3 1.7 2.5

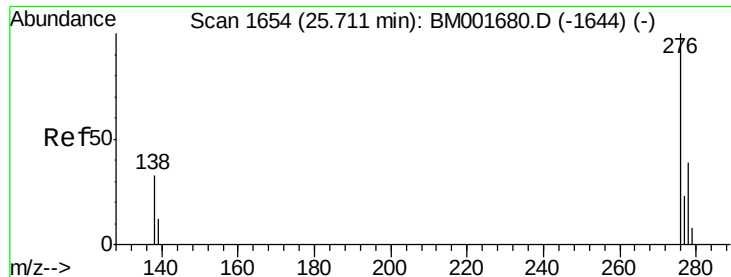


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.15 ng

RT: 25.71 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BM001684.D

Acq: 12 Jun 2015 23:57

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

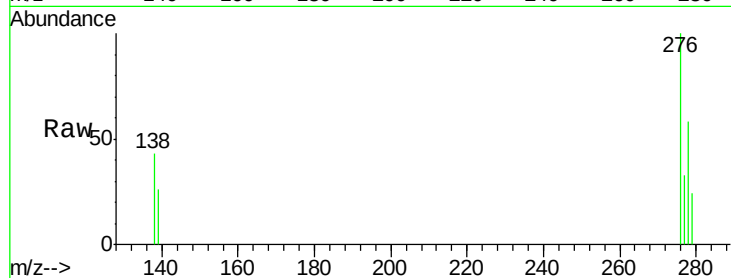
Tgt Ion:276 Resp: 1398

Ion Ratio Lower Upper

276 100

138 35.6 27.8 41.8

277 24.5 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

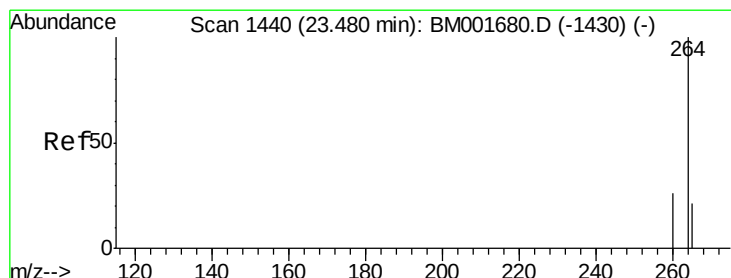
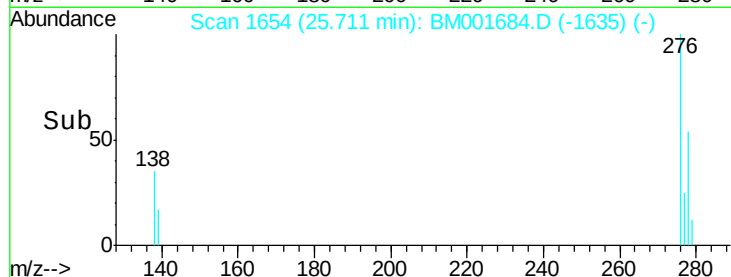
25.71

400

200

0

Time-->



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.48 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BM001684.D

Acq: 12 Jun 2015 23:57

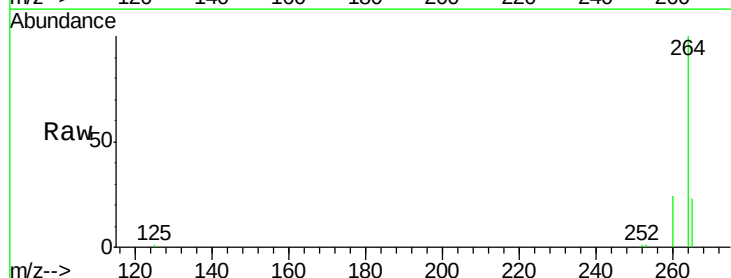
Tgt Ion:264 Resp: 34219

Ion Ratio Lower Upper

264 100

260 24.2 20.8 31.2

265 23.0 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

23.48

20000

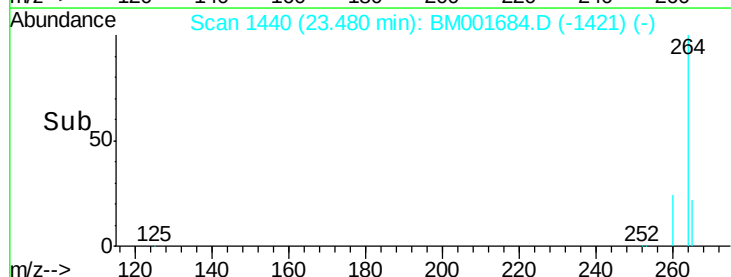
15000

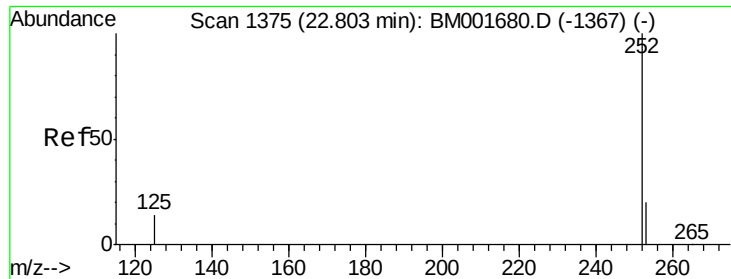
10000

5000

0

Time-->





#33

Benzo(b)fluoranthene

Concen: 0.12 ng

RT: 22.80 min Scan# 1375

Delta R.T. -0.00 min

Lab File: BM001684.D

Acq: 12 Jun 2015 23:57

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

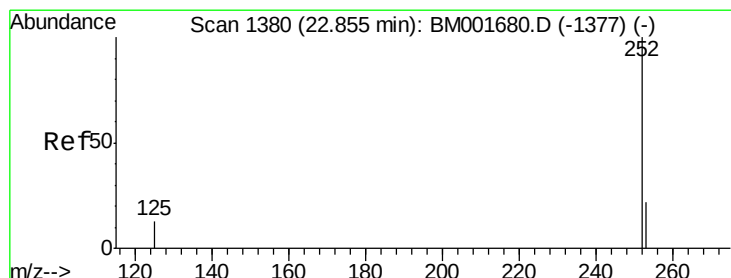
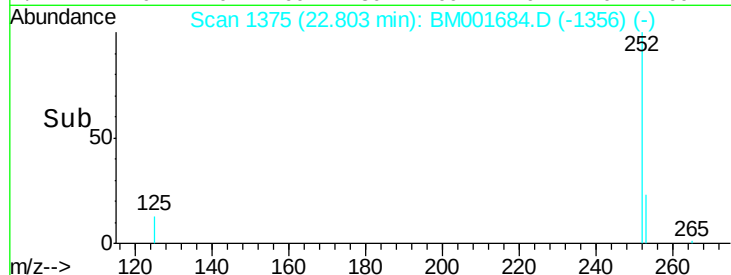
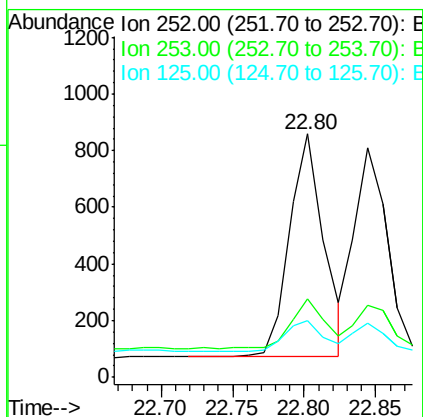
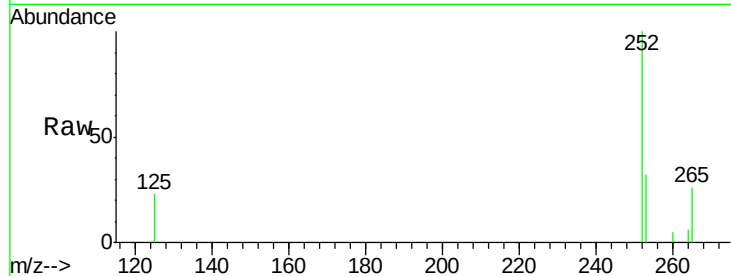
Tgt Ion:252 Resp: 1319

Ion Ratio Lower Upper

252 100

253 32.2 17.4 26.0#

125 23.1 12.3 18.5#



#34

Benzo(k)fluoranthene

Concen: 0.11 ng

RT: 22.84 min Scan# 1379

Delta R.T. -0.01 min

Lab File: BM001684.D

Acq: 12 Jun 2015 23:57

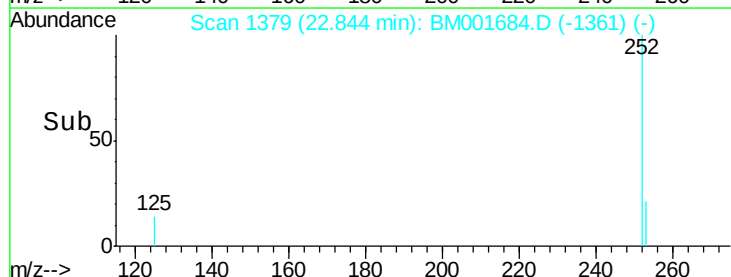
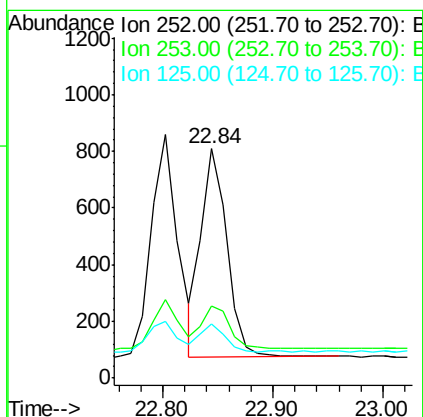
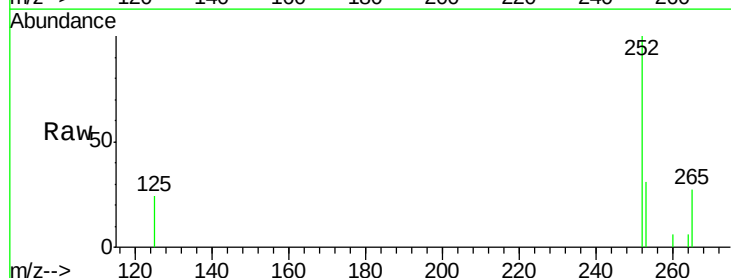
Tgt Ion:252 Resp: 1198

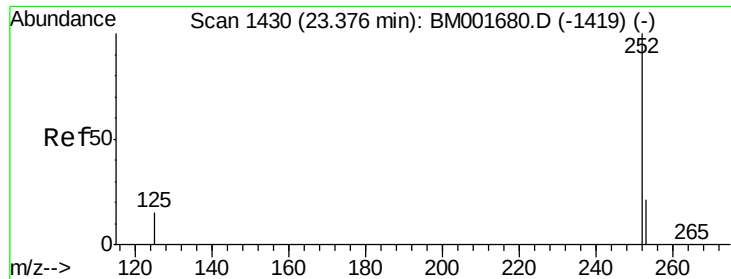
Ion Ratio Lower Upper

252 100

253 31.4 19.4 29.0#

125 23.6 11.0 16.4#





#35

Benzo(a)pyrene

Concen: 0.12 ng

RT: 23.38 min Scan# 1430

Delta R.T. -0.00 min

Lab File: BM001684.D

Acq: 12 Jun 2015 23:57

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

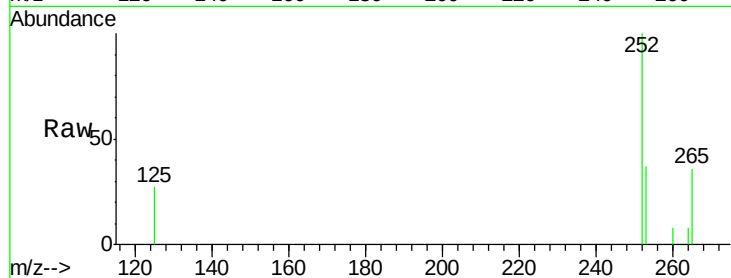
Tgt Ion: 252 Resp: 1106

Ion Ratio Lower Upper

252 100

253 37.1 17.8 26.8#

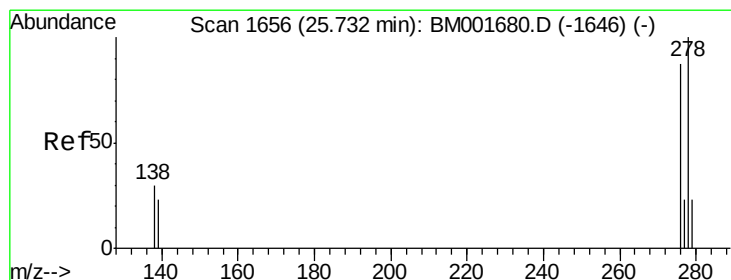
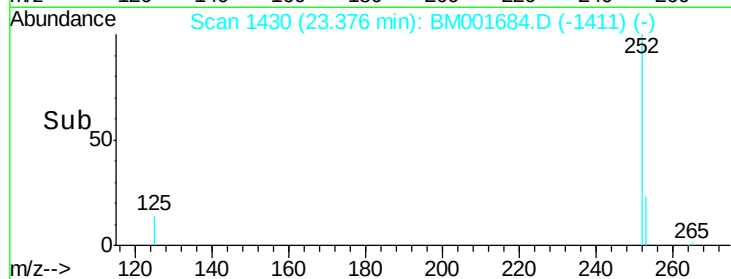
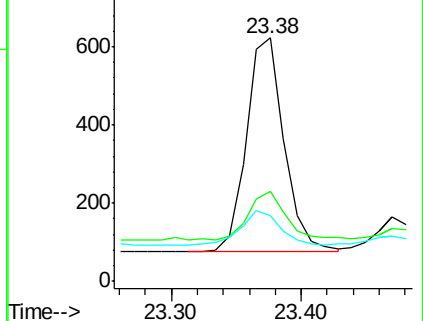
125 26.8 13.4 20.2#



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: 0.14 ng

RT: 25.73 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BM001684.D

Acq: 12 Jun 2015 23:57

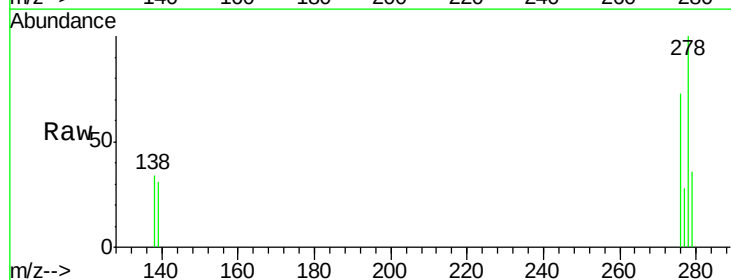
Tgt Ion: 278 Resp: 1106

Ion Ratio Lower Upper

278 100

139 31.1 19.4 29.0#

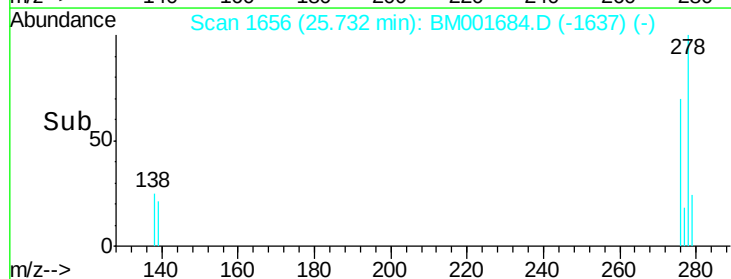
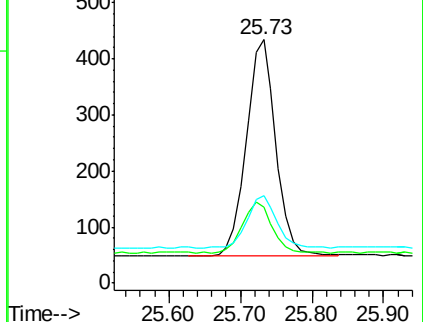
279 35.7 19.4 29.2#

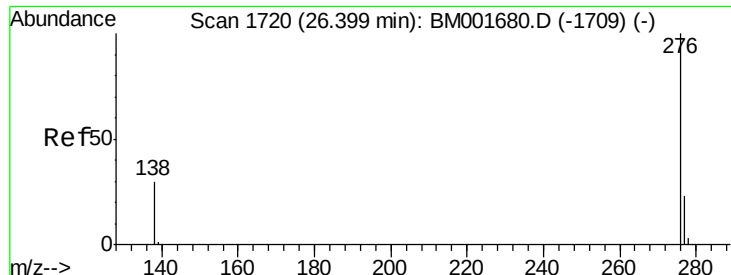


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.14 ng

RT: 26.40 min Scan# 1720

Delta R.T. -0.00 min

Lab File: BM001684.D

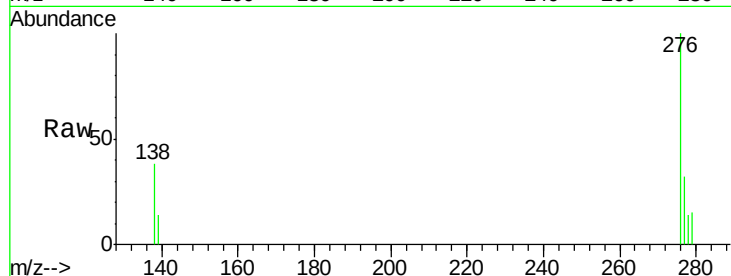
Acq: 12 Jun 2015 23:57

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1



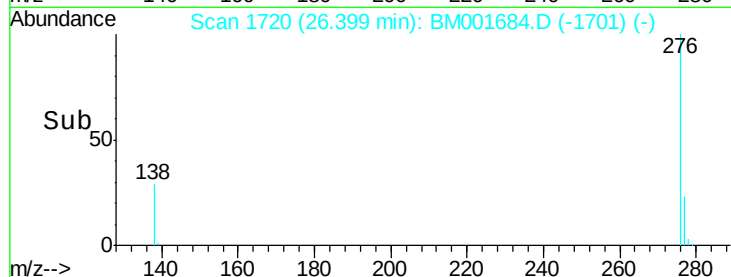
Tgt Ion: 276 Resp: 1218

Ion Ratio Lower Upper

276 100

277 32.4 19.0 28.4#

138 38.0 25.0 37.6#



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

