

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061315\
 Data File : BM001680.D
 Acq On : 12 Jun 2015 21:32
 Operator : TP/IZ
 Sample : SSTDICCC001
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC001

Quant Time: Jun 13 00:28:00 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	14286	5.00	ng	0.00
6) Naphthalene-d8	10.46	136	51869	5.00	ng	0.00
12) Acenaphthene-d10	14.32	164	25226	5.00	ng	0.00
18) Phenanthrene-d10	17.06	188	79215	5.00	ng	0.00
25) Chrysene-d12	21.25	240	43224	5.00	ng	0.00
32) Perylene-d12	23.48	264	39466	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.25	112	3395	1.00	ng	0.00
5) Phenol-d6	6.83	99	4299	1.00	ng	0.00
7) Nitrobenzene-d5	8.83	82	4045	1.01	ng	0.00
13) 2,4,6-Tribromophenol	15.80	330	565	0.65	ng	0.00
14) 2-Fluorobiphenyl	12.94	172	8943	1.01	ng	0.00
27) Terphenyl-d14	19.70	244	6425	0.98	ng	0.00

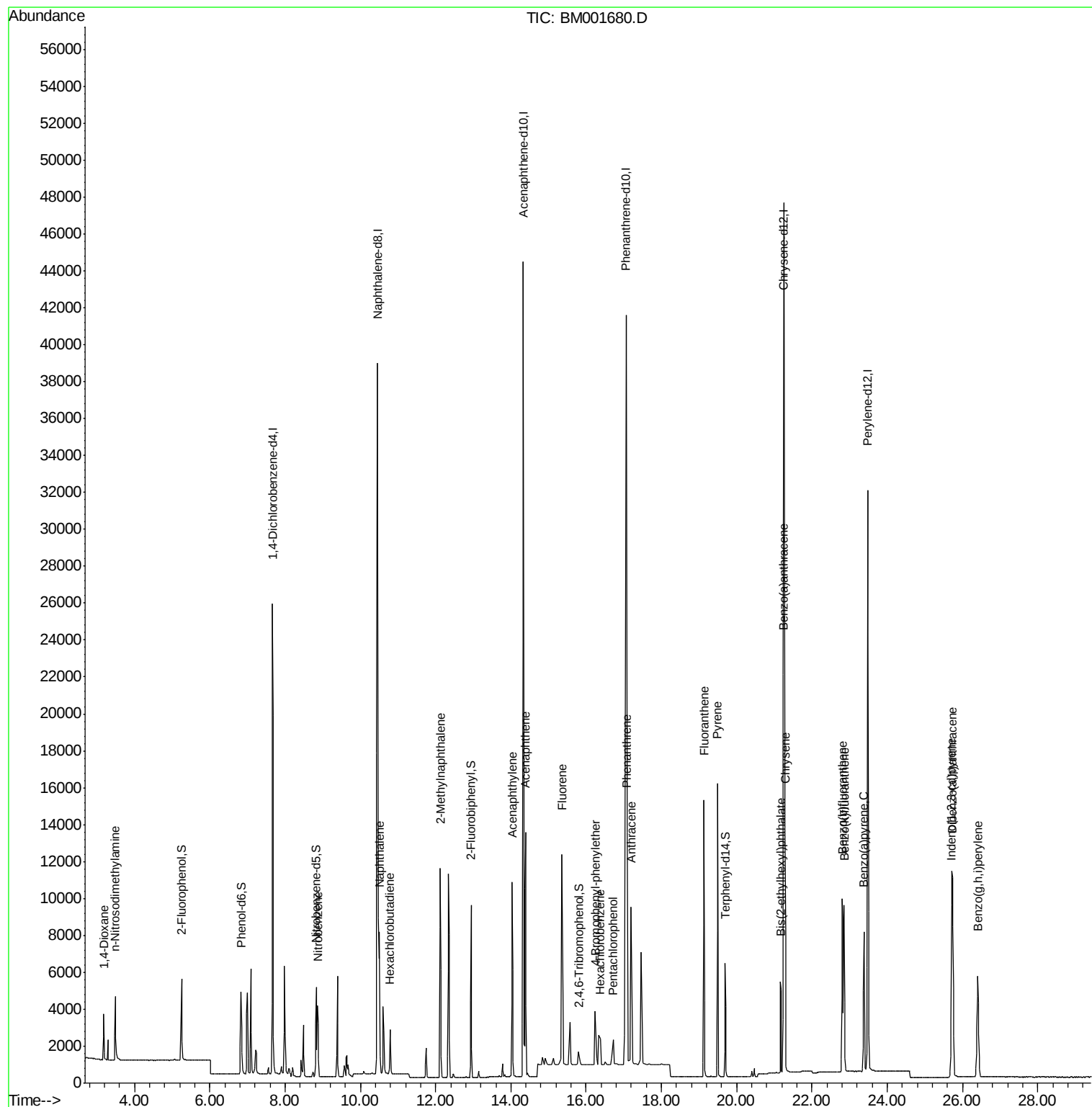
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.18	88	1661	0.93	ng	100
3) n-Nitrosodimethylamine	3.49	42	2526	1.01	ng	100
8) Nitrobenzene	8.87	77	4332	1.00	ng	100
9) Naphthalene	10.51	128	12485	0.99	ng	100
10) Hexachlorobutadiene	10.78	225	2109	1.00	ng	100
11) 2-Methylnaphthalene	12.13	142	7964	0.98	ng	100
15) Acenaphthylene	14.03	152	11983	1.01	ng	100
16) Acenaphthene	14.39	154	7404	0.98	ng	100
17) Fluorene	15.36	166	10387	1.27	ng	100
19) 4-Bromophenyl-phenylether	16.24	248	1527	0.22	ng	100
20) Hexachlorobenzene	16.38	284	2562	0.39	ng	# 100
21) Pentachlorophenol	16.72	266	1223	0.64	ng	100
22) Phenanthrene	17.09	178	19064	0.76	ng	100
23) Anthracene	17.19	178	13161	0.46	ng	100
24) Fluoranthene	19.13	202	13759	0.40	ng	100
26) Pyrene	19.49	202	14358	0.97	ng	100
28) Benzo(a)anthracene	21.24	228	13312	0.98	ng	100
29) Chrysene	21.28	228	12721	0.98	ng	100
30) Bis(2-ethylhexyl)phthalate	21.16	149	6951	0.83	ng	100
31) Indeno(1,2,3-cd)pyrene	25.71	276	13274	1.24	ng	100
33) Benzo(b)fluoranthene	22.80	252	11837	0.92	ng	100
34) Benzo(k)fluoranthene	22.85	252	12069	0.96	ng	100
35) Benzo(a)pyrene	23.38	252	10724	0.99	ng	100
36) Dibenzo(a,h)anthracene	25.73	278	10718	1.15	ng	100
37) Benzo(g,h,i)perylene	26.40	276	11173	1.11	ng	100

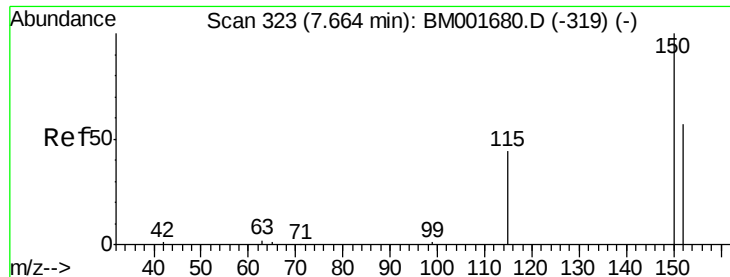
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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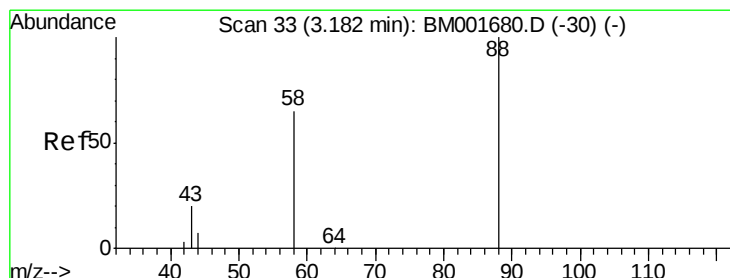
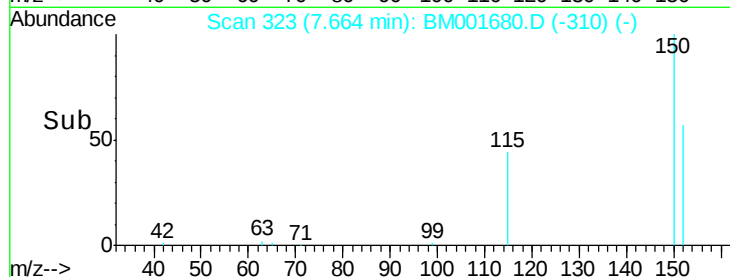
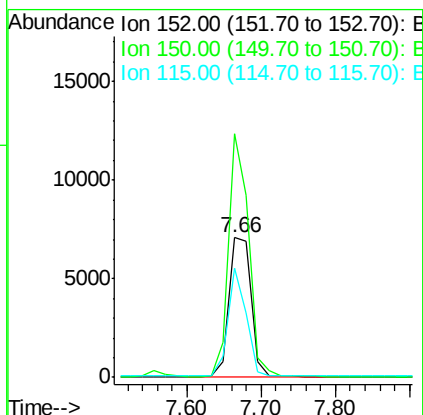
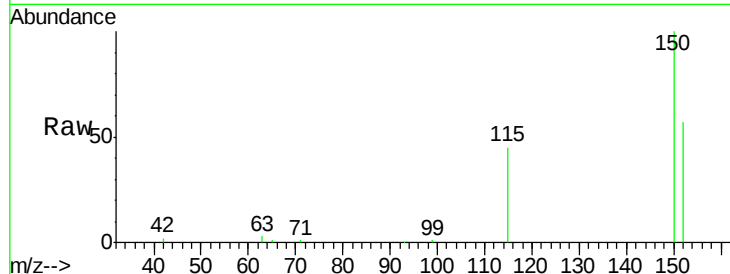




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.66 min Scan# 323
 Delta R.T. 0.00 min
 Lab File: BM001680.D
 Acq: 12 Jun 2015 21:32

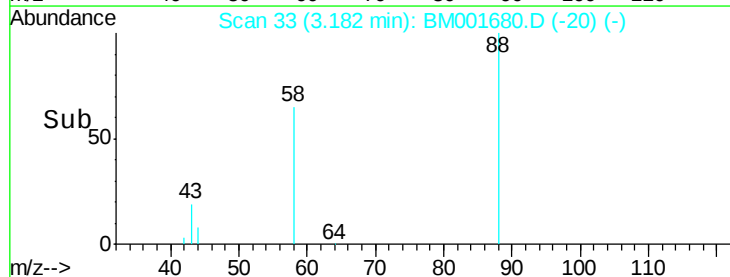
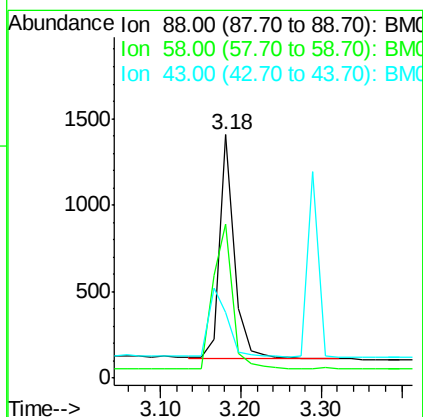
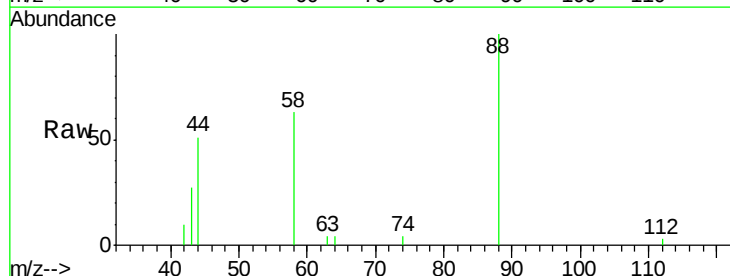
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC001

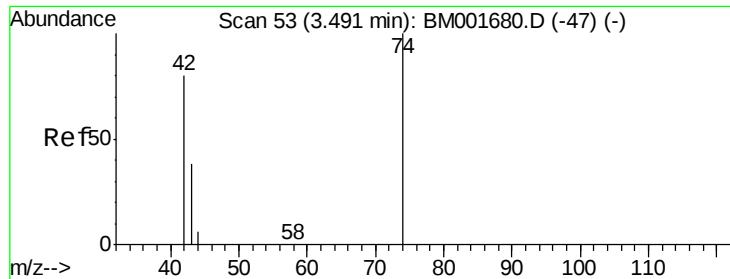
Tgt Ion: 152 Resp: 14286
 Ion Ratio Lower Upper
 152 100
 150 174.5 139.6 209.4
 115 78.1 62.5 93.7



#2
 1,4-Dioxane
 Concen: 0.93 ng
 RT: 3.18 min Scan# 33
 Delta R.T. 0.00 min
 Lab File: BM001680.D
 Acq: 12 Jun 2015 21:32

Tgt Ion: 88 Resp: 1661
 Ion Ratio Lower Upper
 88 100
 58 85.1 68.1 102.1
 43 39.7 31.8 47.6





#3

n-Nitrosodimethylamine

Concen: 1.01 ng

RT: 3.49 min Scan# 53

Delta R.T. 0.00 min

Lab File: BM001680.D

Acq: 12 Jun 2015 21:32

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

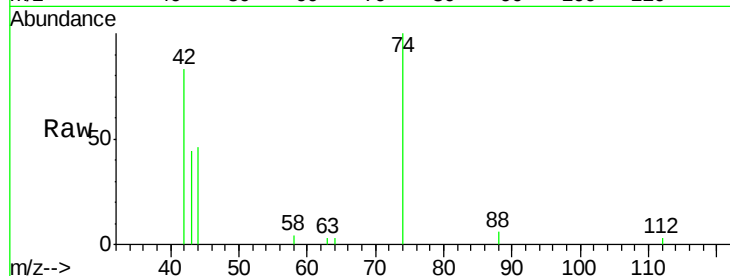
Tgt Ion: 42 Resp: 2526

Ion Ratio Lower Upper

42 100

74 100.6 80.5 120.7

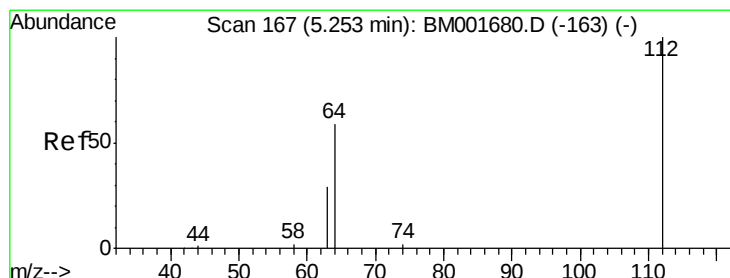
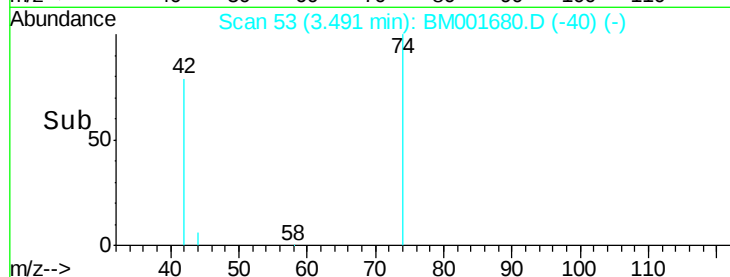
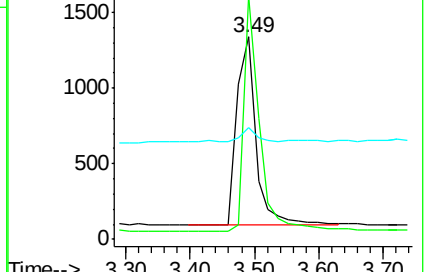
44 6.7 5.4 8.0



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) (-)



#4

2-Fluorophenol

Concen: 1.00 ng

RT: 5.25 min Scan# 167

Delta R.T. 0.00 min

Lab File: BM001680.D

Acq: 12 Jun 2015 21:32

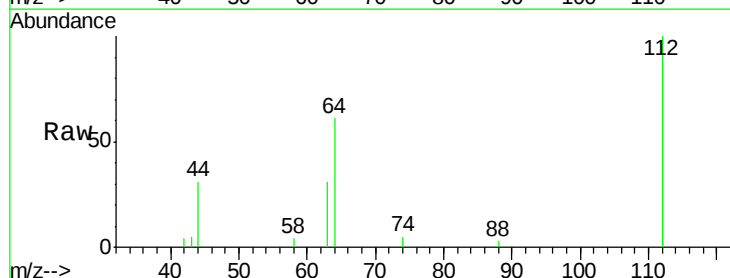
Tgt Ion: 112 Resp: 3395

Ion Ratio Lower Upper

112 100

64 68.6 54.9 82.3

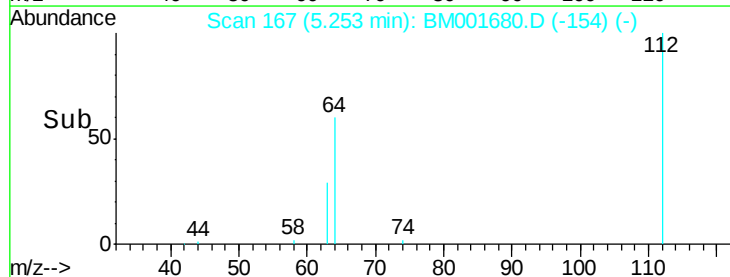
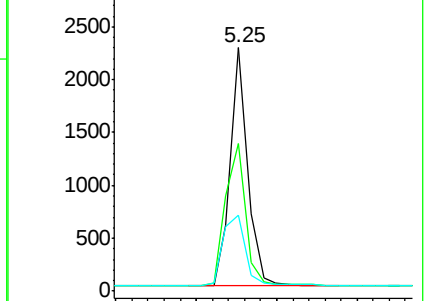
63 38.1 30.5 45.7

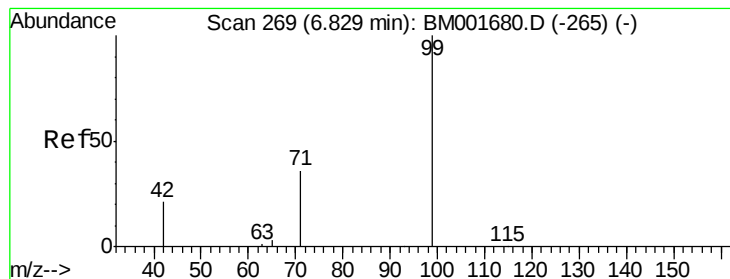


Abundance Ion 112.00 (111.70 to 112.70): BM001680.D (-163) (-)

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

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





#5

Phenol-d6

Concen: 1.00 ng

RT: 6.83 min Scan# 269

Delta R.T. 0.00 min

Lab File: BM001680.D

Acq: 12 Jun 2015 21:32

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

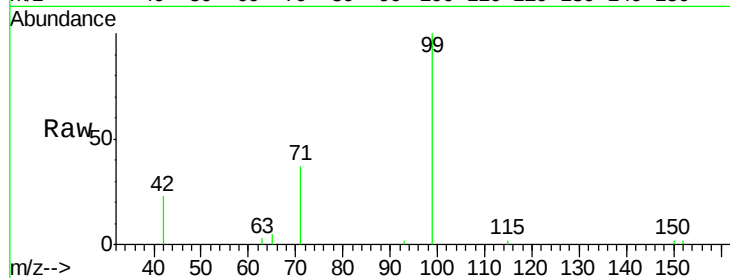
Tgt Ion: 99 Resp: 4299

Ion Ratio Lower Upper

99 100

42 26.3 21.0 31.6

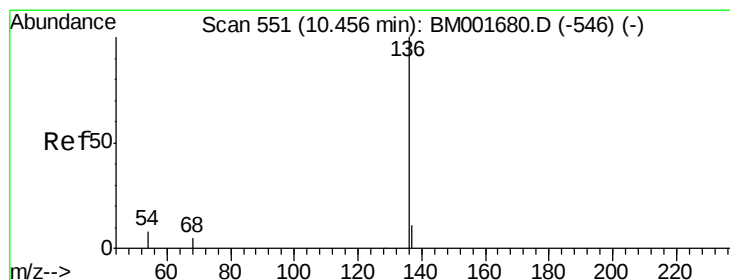
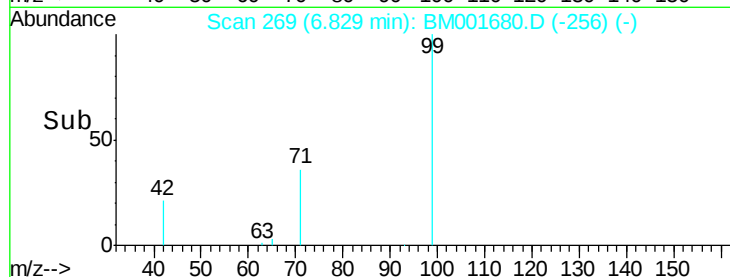
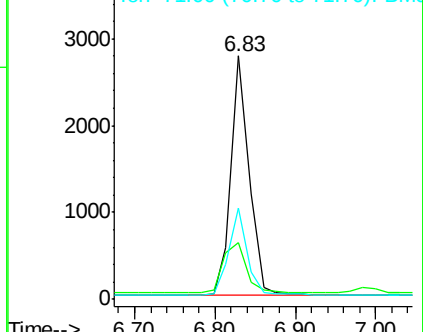
71 35.9 28.7 43.1



Abundance Ion 99.00 (98.70 to 99.70): BM001680.D (-265) (-)

Ion 42.00 (41.70 to 42.70): BM001680.D (-265) (-)

Ion 71.00 (70.70 to 71.70): BM001680.D (-265) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.46 min Scan# 551

Delta R.T. 0.00 min

Lab File: BM001680.D

Acq: 12 Jun 2015 21:32

Tgt Ion: 136 Resp: 51869

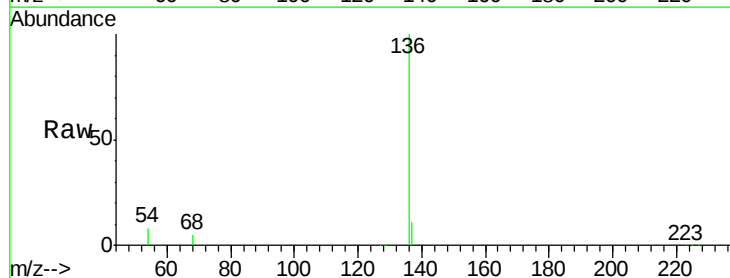
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.8 6.2 9.4

68 4.9 3.9 5.9

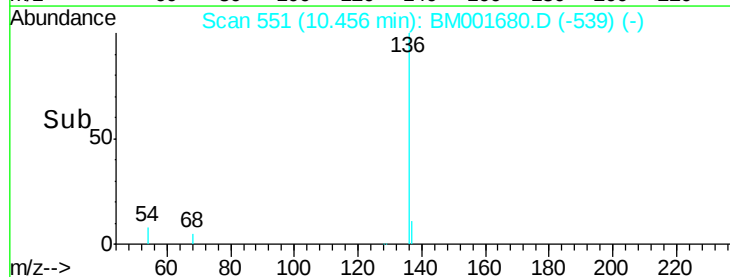
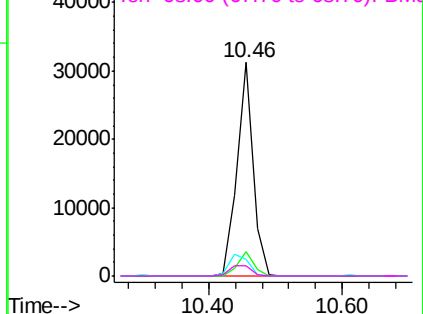


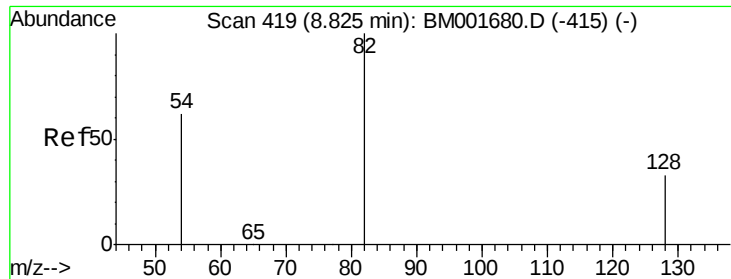
Abundance Ion 136.00 (135.70 to 136.70): BM001680.D (-546) (-)

Ion 137.00 (136.70 to 137.70): BM001680.D (-546) (-)

Ion 54.00 (53.70 to 54.70): BM001680.D (-546) (-)

Ion 68.00 (67.70 to 68.70): BM001680.D (-546) (-)





#7

Nitrobenzene-d5

Concen: 1.01 ng

RT: 8.83 min Scan# 419

Delta R.T. 0.00 min

Lab File: BM001680.D

Acq: 12 Jun 2015 21:32

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

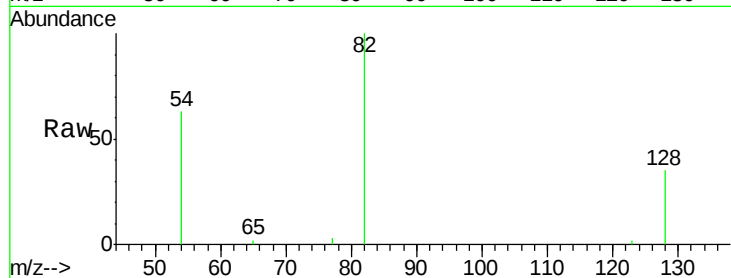
Tgt Ion: 82 Resp: 4045

Ion Ratio Lower Upper

82 100

128 34.5 27.6 41.4

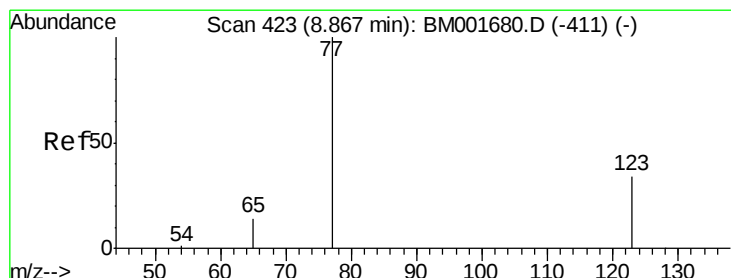
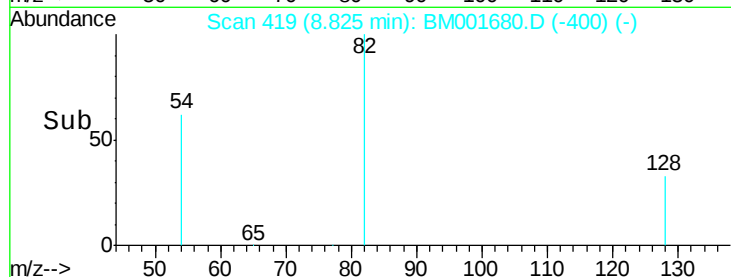
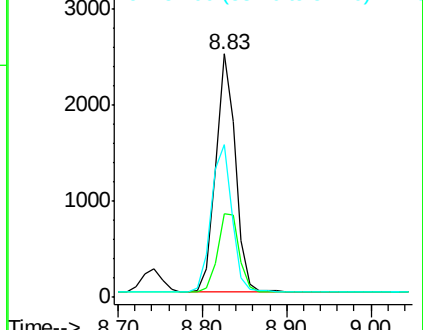
54 62.6 50.1 75.1



Abundance Ion 82.00 (81.70 to 82.70): BM001680.D (-415) (-)

Ion 128.00 (127.70 to 128.70): BM001680.D (-415) (-)

Ion 54.00 (53.70 to 54.70): BM001680.D (-415) (-)



#8

Nitrobenzene

Concen: 1.00 ng

RT: 8.87 min Scan# 423

Delta R.T. 0.00 min

Lab File: BM001680.D

Acq: 12 Jun 2015 21:32

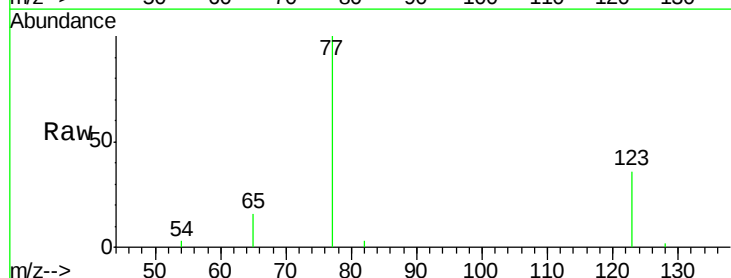
Tgt Ion: 77 Resp: 4332

Ion Ratio Lower Upper

77 100

123 38.3 30.6 46.0

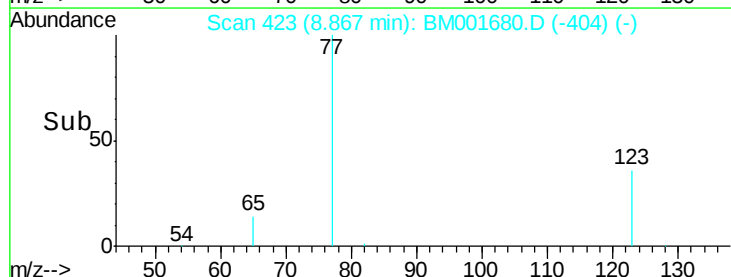
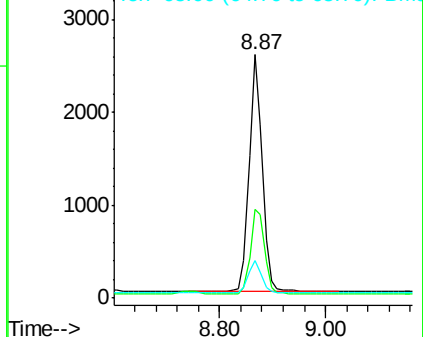
65 14.4 11.5 17.3

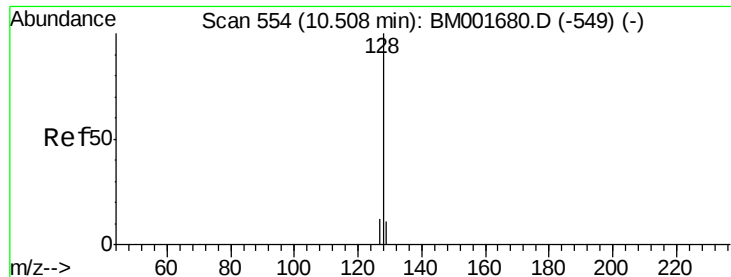


Abundance Ion 77.00 (76.70 to 77.70): BM001680.D (-411) (-)

Ion 123.00 (122.70 to 123.70): BM001680.D (-411) (-)

Ion 65.00 (64.70 to 65.70): BM001680.D (-411) (-)





#9

Naphthalene

Concen: 0.99 ng

RT: 10.51 min Scan# 554

Delta R.T. 0.00 min

Lab File: BM001680.D

Acq: 12 Jun 2015 21:32

Instrument :

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ClientSampleId :

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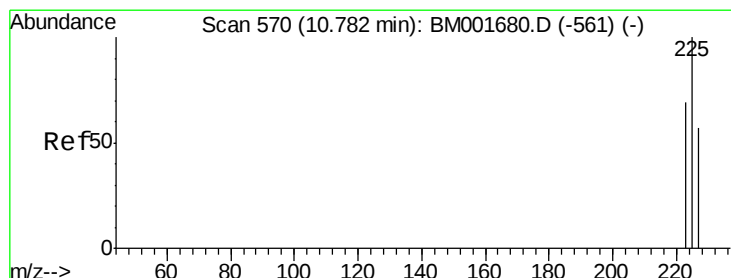
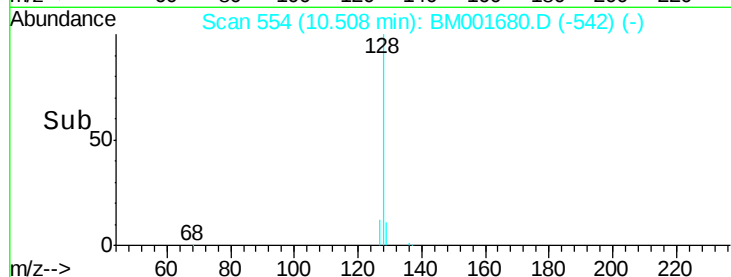
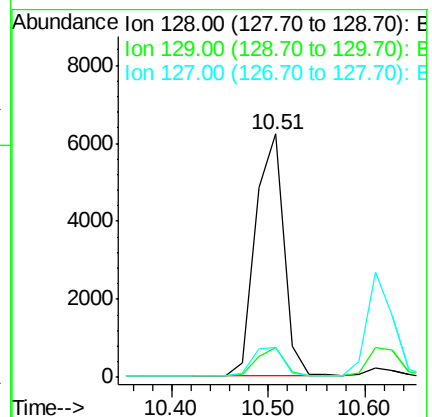
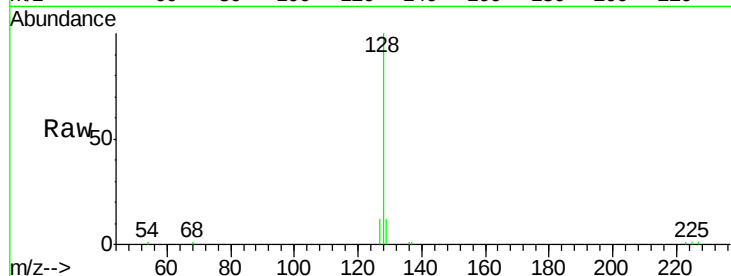
Tgt Ion:128 Resp: 12485

Ion Ratio Lower Upper

128 100

129 12.1 9.7 14.5

127 12.2 9.8 14.6



#10

Hexachlorobutadiene

Concen: 1.00 ng

RT: 10.78 min Scan# 570

Delta R.T. 0.00 min

Lab File: BM001680.D

Acq: 12 Jun 2015 21:32

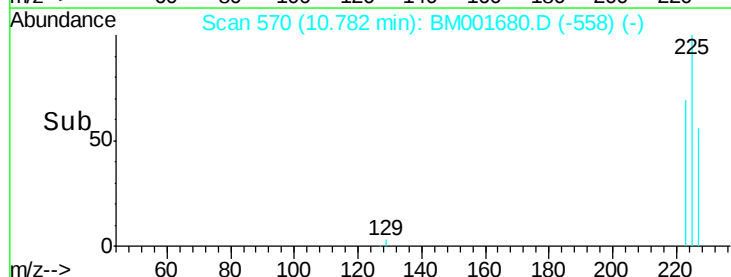
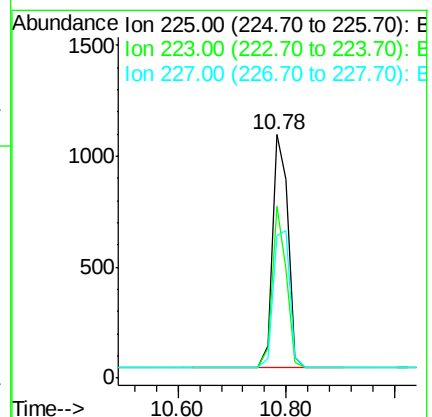
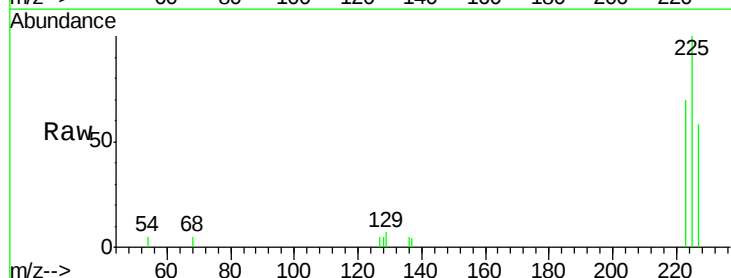
Tgt Ion:225 Resp: 2109

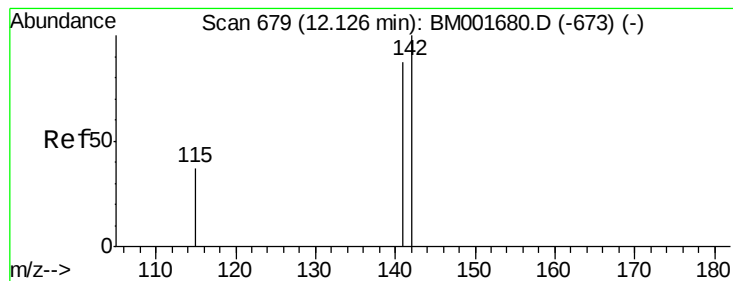
Ion Ratio Lower Upper

225 100

223 62.1 49.7 74.5

227 63.9 51.1 76.7





#11

2-Methylnaphthalene

Concen: 0.98 ng

RT: 12.13 min Scan# 679

Delta R.T. 0.00 min

Lab File: BM001680.D

Acq: 12 Jun 2015 21:32

Instrument :

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ClientSampleId :

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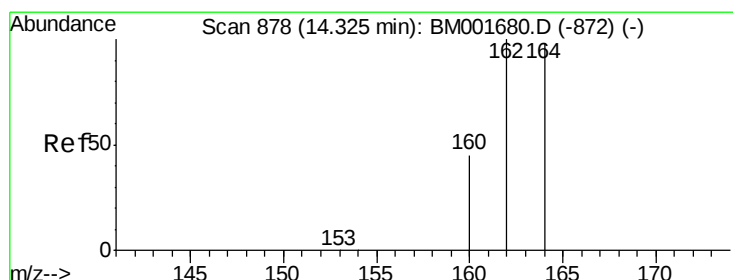
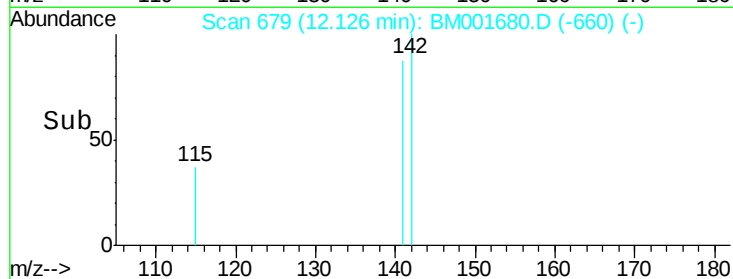
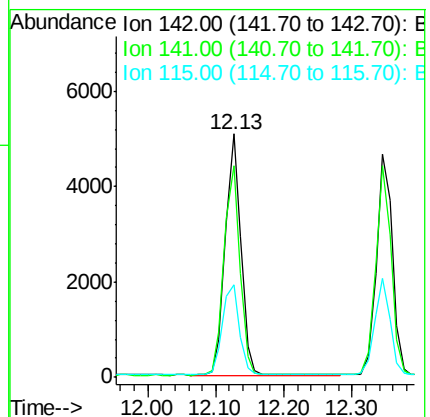
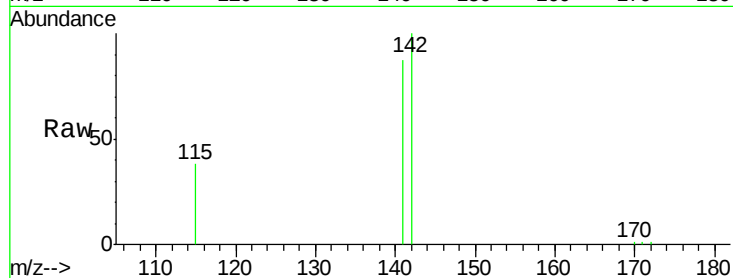
Tgt Ion:142 Resp: 7964

Ion Ratio Lower Upper

142 100

141 86.9 69.5 104.3

115 37.8 30.2 45.4



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.32 min Scan# 878

Delta R.T. 0.00 min

Lab File: BM001680.D

Acq: 12 Jun 2015 21:32

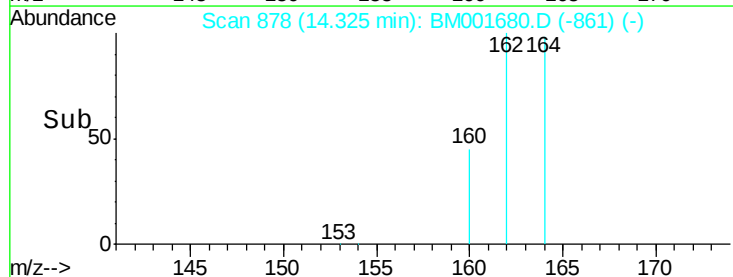
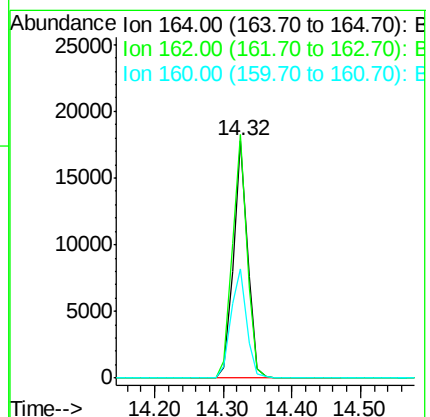
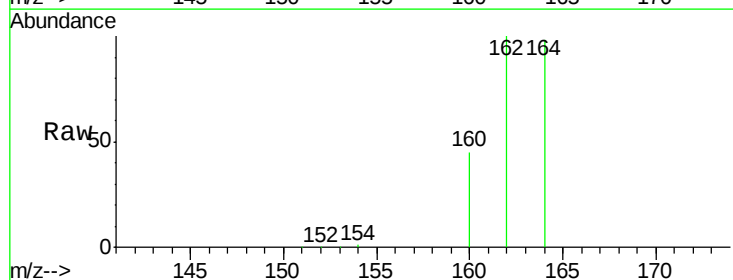
Tgt Ion:164 Resp: 25226

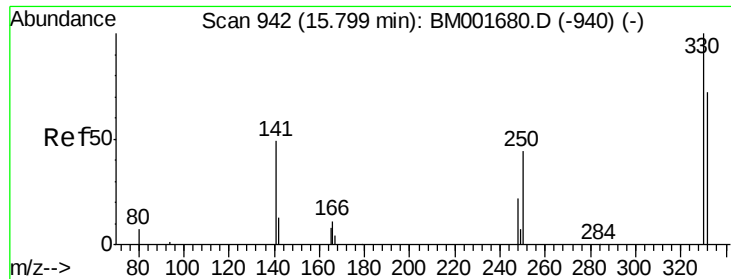
Ion Ratio Lower Upper

164 100

162 102.5 82.0 123.0

160 45.8 36.6 55.0

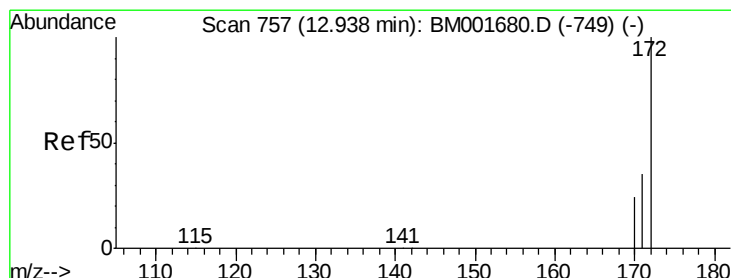
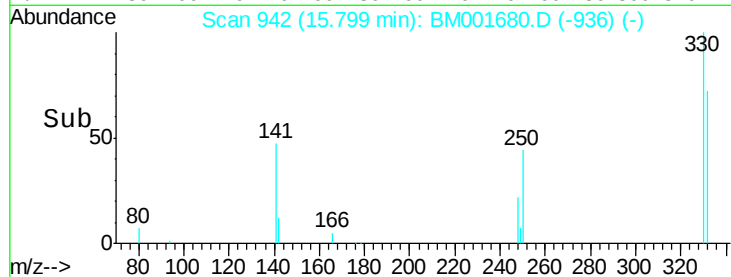
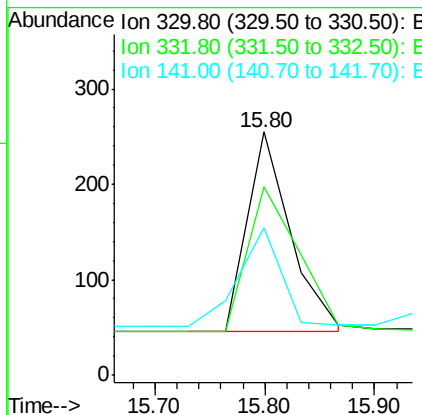
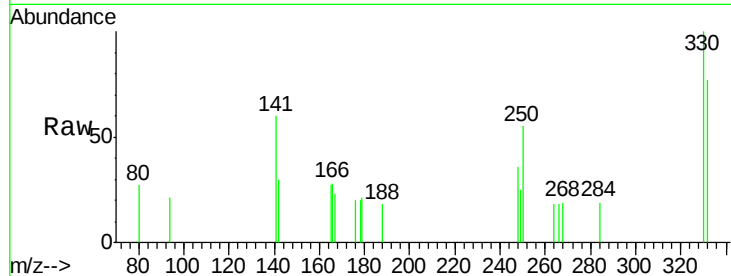




#13
 2,4,6-Tribromophenol
 Concen: 0.65 ng
 RT: 15.80 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BM001680.D
 Acq: 12 Jun 2015 21:32

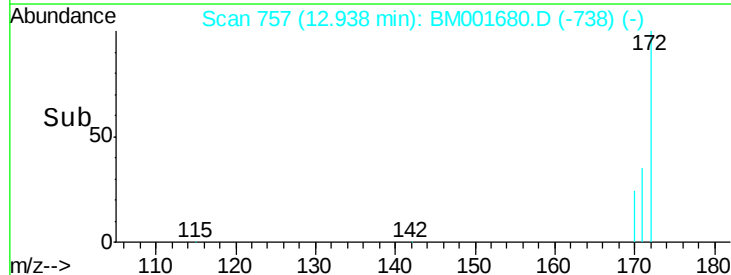
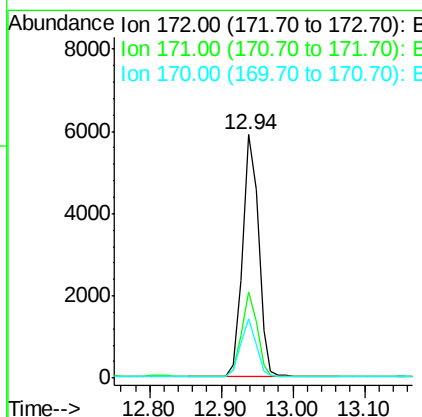
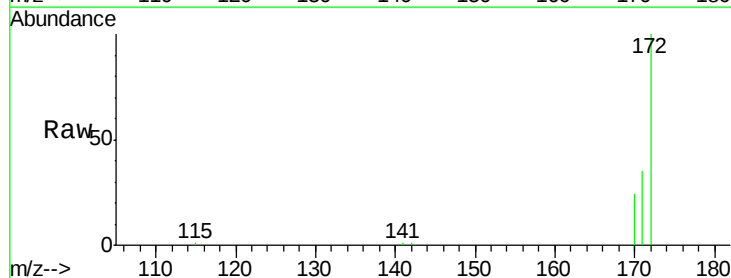
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC001

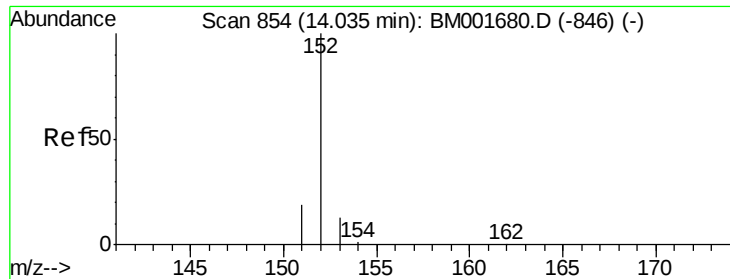
Tgt Ion: 330 Resp: 565
 Ion Ratio Lower Upper
 330 100
 332 85.8 68.6 103.0
 141 48.7 39.0 58.4



#14
 2-Fluorobiphenyl
 Concen: 1.01 ng
 RT: 12.94 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BM001680.D
 Acq: 12 Jun 2015 21:32

Tgt Ion: 172 Resp: 8943
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.4 42.6
 170 24.4 19.5 29.3

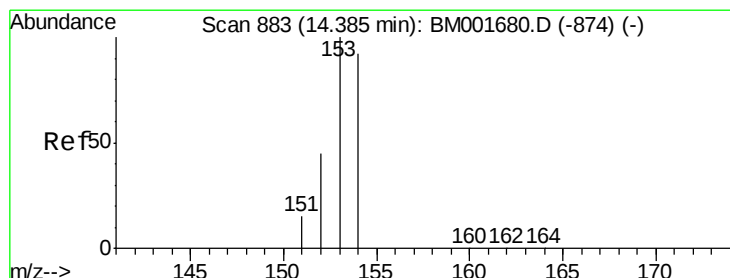
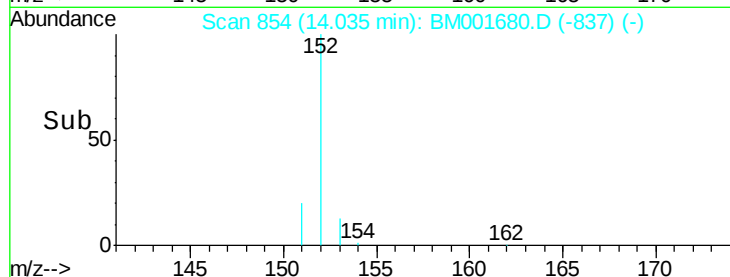
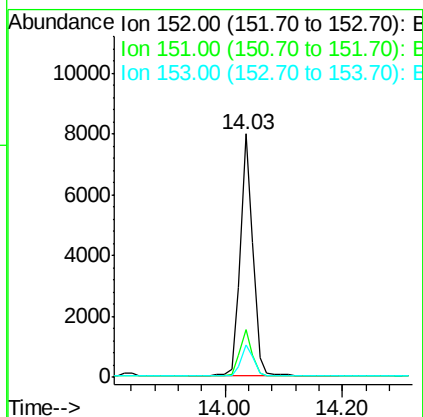
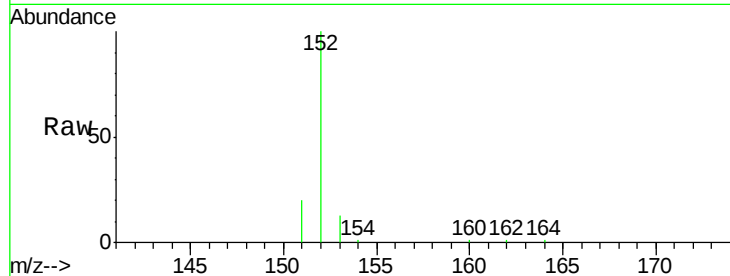




#15
Acenaphthylene
Concen: 1.01 ng
RT: 14.03 min Scan# 854
Delta R.T. 0.00 min
Lab File: BM001680.D
Acq: 12 Jun 2015 21:32

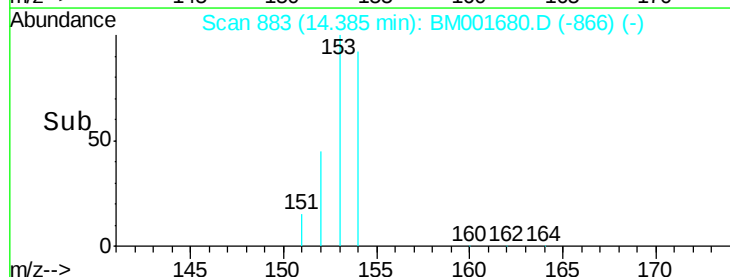
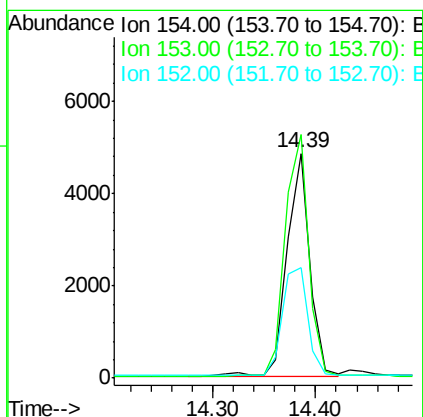
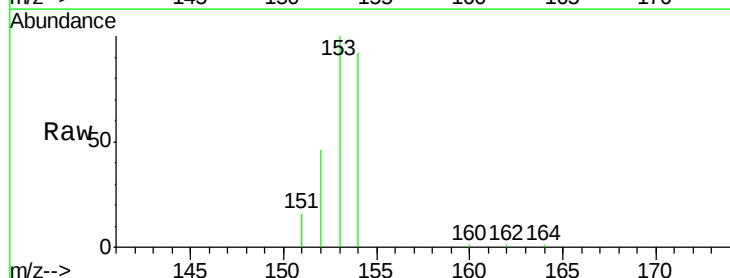
Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

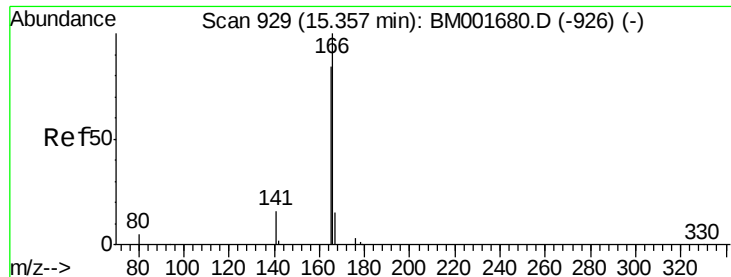
Tgt Ion:152 Resp: 11983
Ion Ratio Lower Upper
152 100
151 19.1 15.3 22.9
153 12.9 10.3 15.5



#16
Acenaphthene
Concen: 0.98 ng
RT: 14.39 min Scan# 883
Delta R.T. 0.00 min
Lab File: BM001680.D
Acq: 12 Jun 2015 21:32

Tgt Ion:154 Resp: 7404
Ion Ratio Lower Upper
154 100
153 111.6 89.3 133.9
152 54.6 43.7 65.5

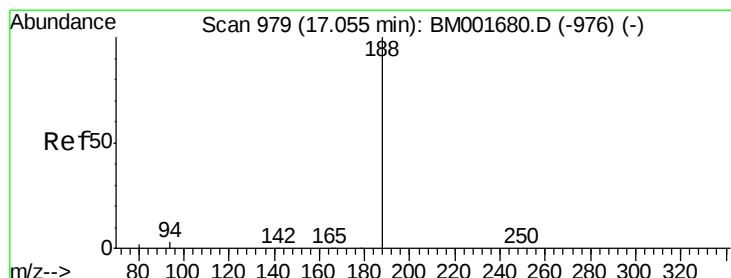
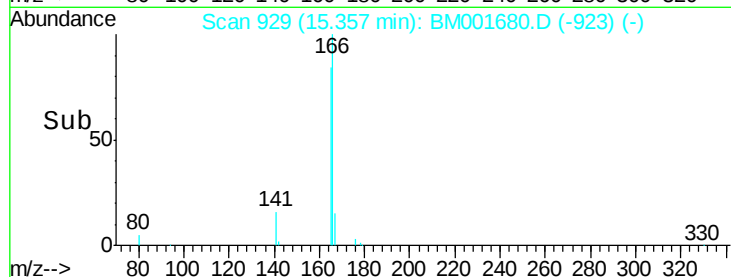
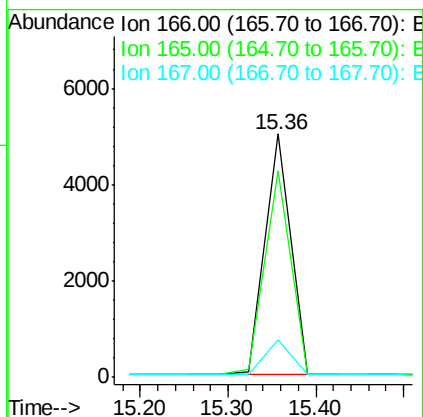
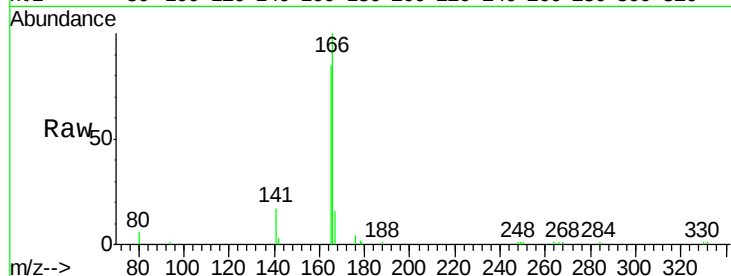




#17
Fluorene
 Concen: 1.27 ng
 RT: 15.36 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: BM001680.D
 Acq: 12 Jun 2015 21:32

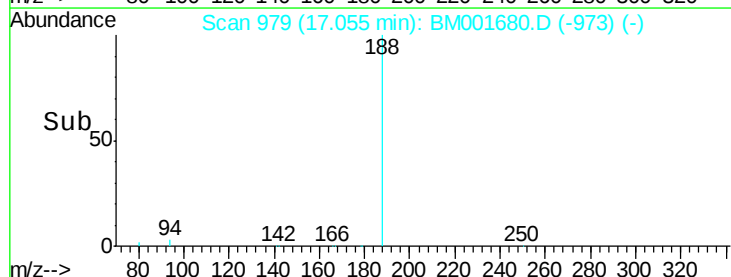
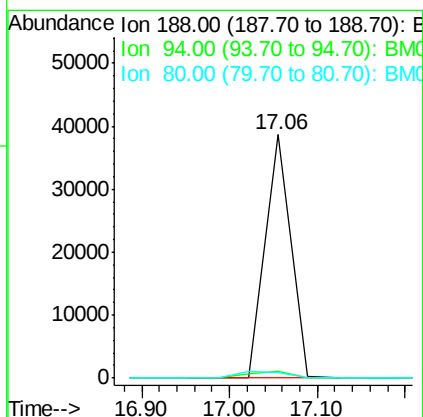
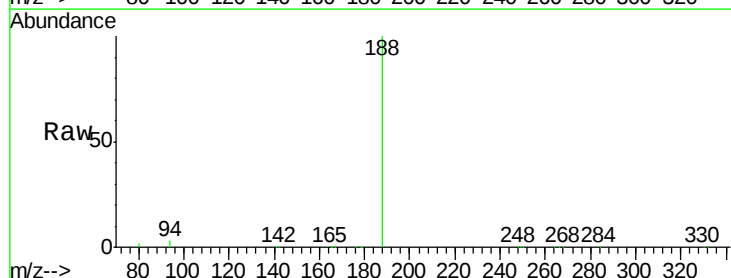
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC001

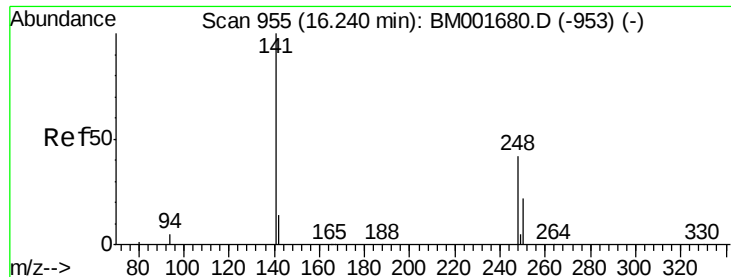
Tgt Ion:166 Resp: 10387
 Ion Ratio Lower Upper
 166 100
 165 85.6 68.5 102.7
 167 14.7 11.8 17.6



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.06 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BM001680.D
 Acq: 12 Jun 2015 21:32

Tgt Ion:188 Resp: 79215
 Ion Ratio Lower Upper
 188 100
 94 2.7 2.2 3.2
 80 2.3 1.8 2.8

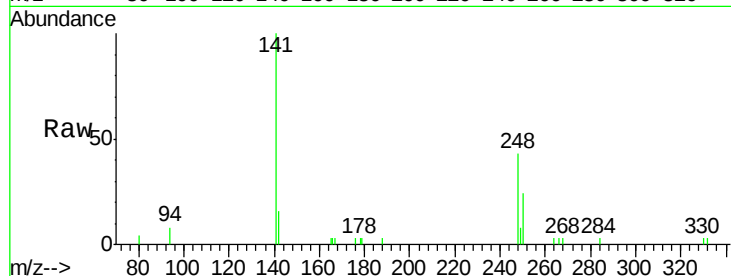




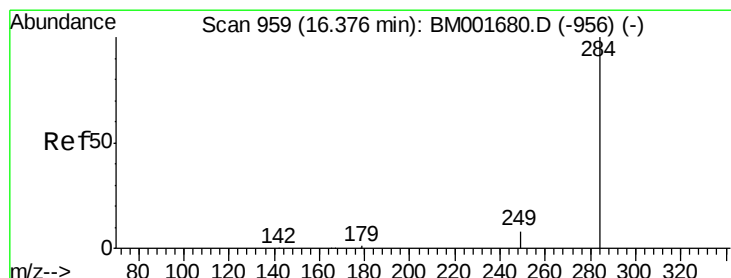
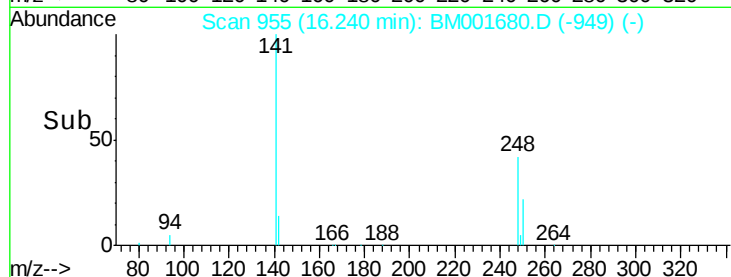
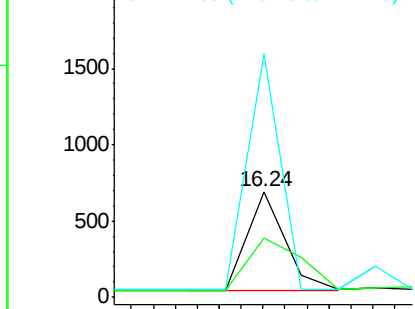
#19
4-Bromophenyl-phenylether
Concen: 0.22 ng
RT: 16.24 min Scan# 955
Delta R.T. 0.00 min
Lab File: BM001680.D
Acq: 12 Jun 2015 21:32

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:248 Resp: 1527
Ion Ratio Lower Upper
248 100
250 74.6 59.7 89.5
141 208.0 166.4 249.6

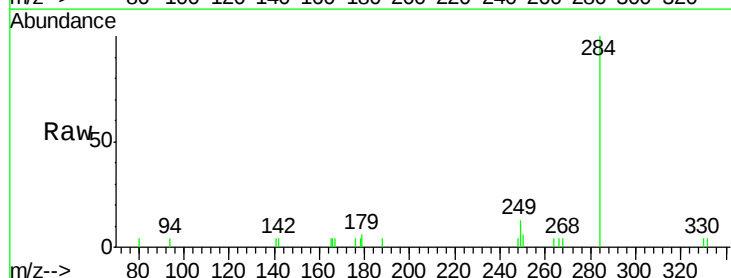


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

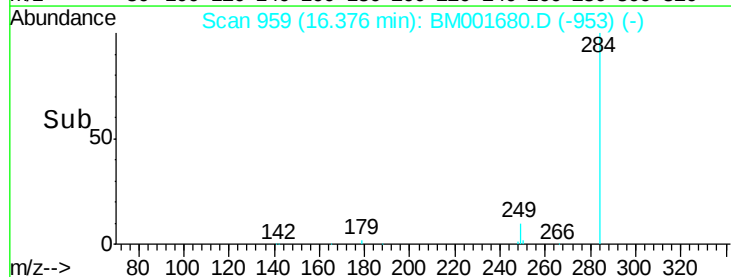
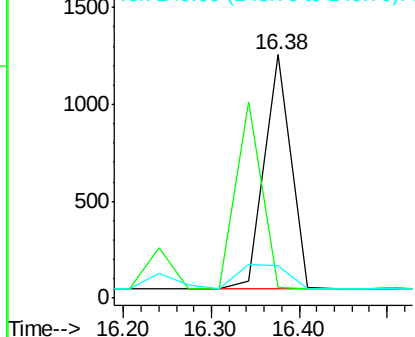


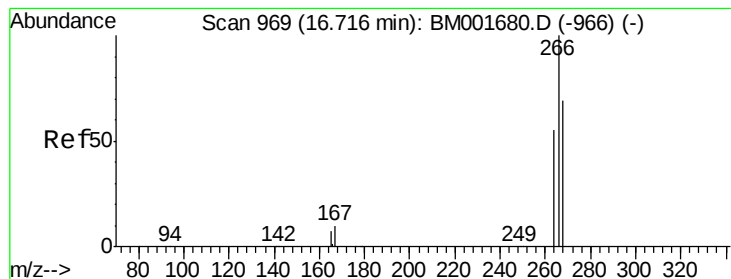
#20
Hexachlorobenzene
Concen: 0.39 ng
RT: 16.38 min Scan# 959
Delta R.T. 0.00 min
Lab File: BM001680.D
Acq: 12 Jun 2015 21:32

Tgt Ion:284 Resp: 2562
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 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: 0.64 ng

RT: 16.72 min Scan# 969

Delta R.T. 0.00 min

Lab File: BM001680.D

Acq: 12 Jun 2015 21:32

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

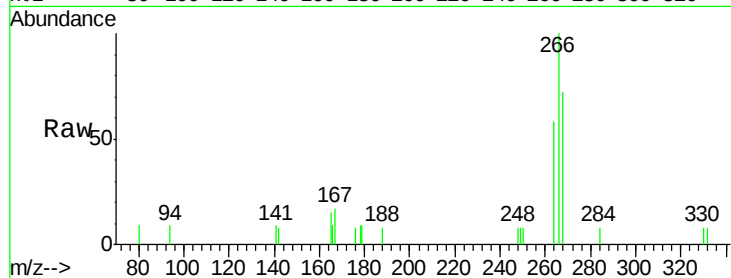
Tgt Ion:266 Resp: 1223

Ion Ratio Lower Upper

266 100

268 71.5 57.2 85.8

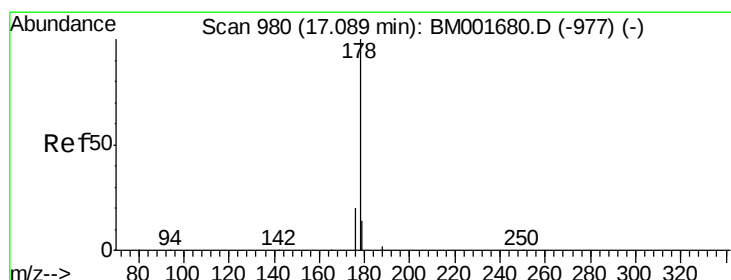
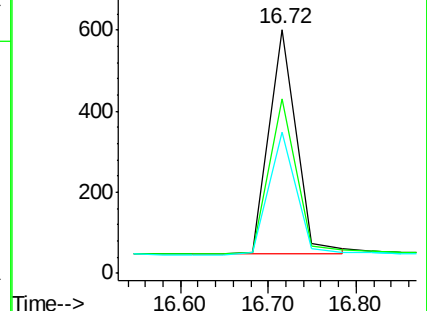
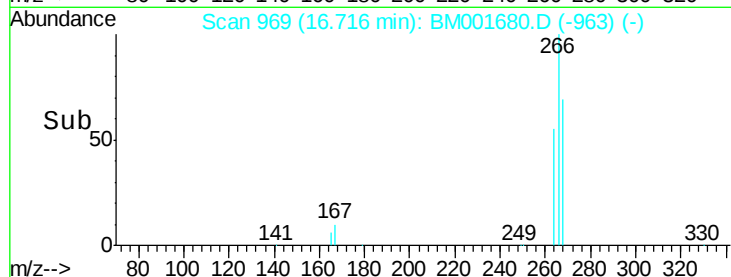
264 57.9 46.3 69.5



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: 0.76 ng

RT: 17.09 min Scan# 980

Delta R.T. 0.00 min

Lab File: BM001680.D

Acq: 12 Jun 2015 21:32

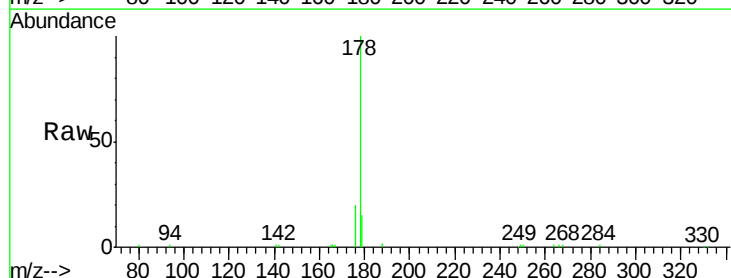
Tgt Ion:178 Resp: 19064

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

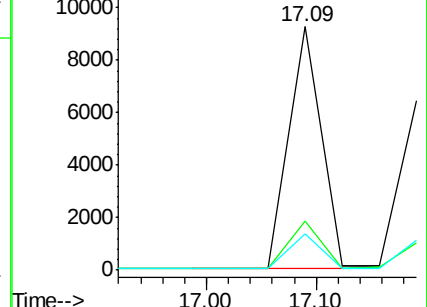
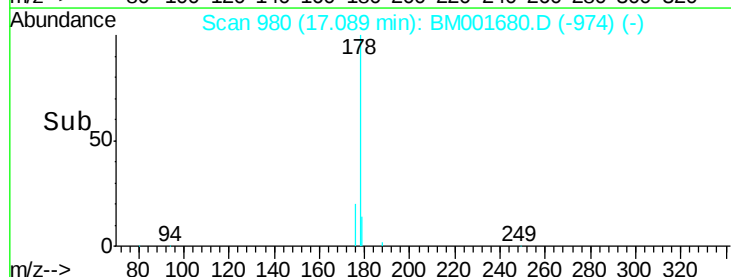
179 14.8 11.8 17.8

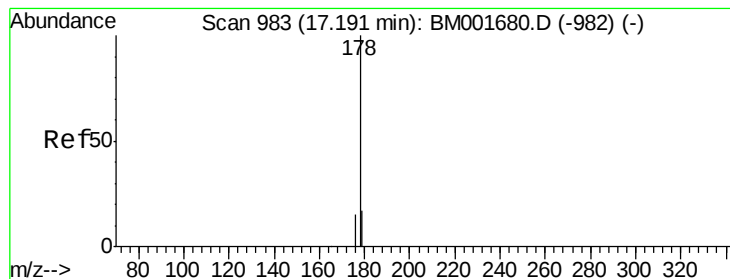


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 0.46 ng

RT: 17.19 min Scan# 983

Delta R.T. 0.00 min

Lab File: BM001680.D

Acq: 12 Jun 2015 21:32

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

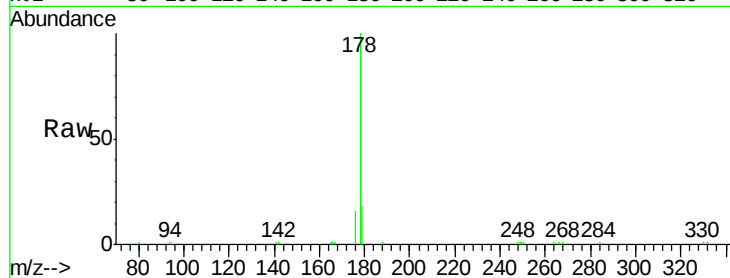
Tgt Ion:178 Resp: 13161

Ion Ratio Lower Upper

178 100

176 15.7 12.6 18.8

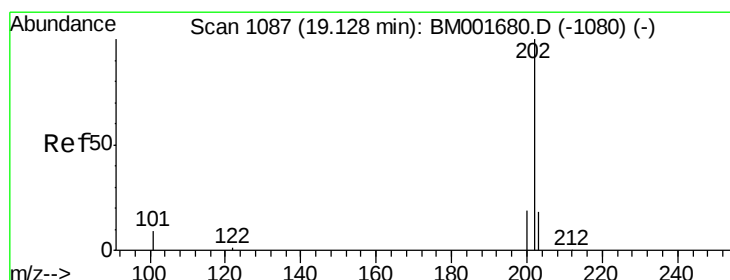
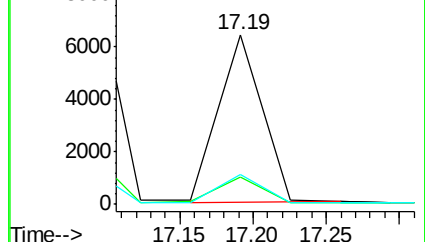
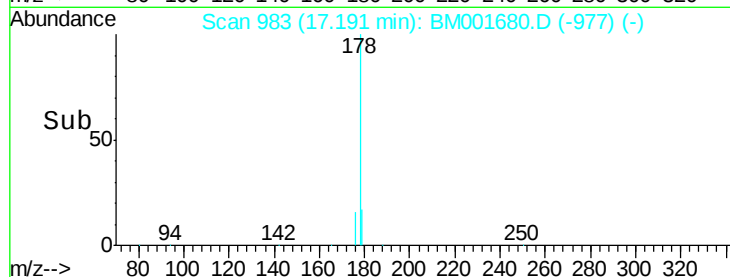
179 16.9 13.5 20.3



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: 0.40 ng

RT: 19.13 min Scan# 1087

Delta R.T. 0.00 min

Lab File: BM001680.D

Acq: 12 Jun 2015 21:32

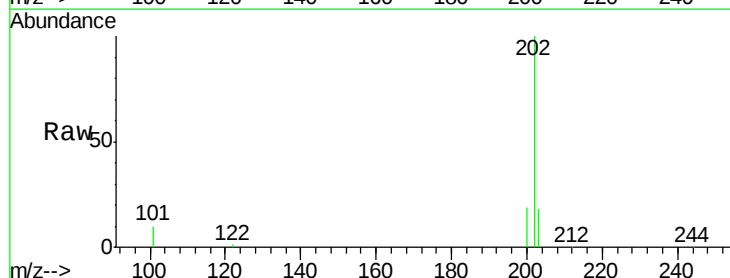
Tgt Ion:202 Resp: 13759

Ion Ratio Lower Upper

202 100

101 12.9 10.3 15.5

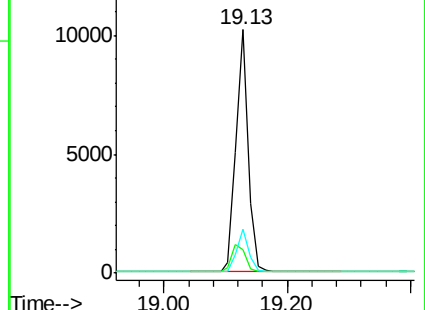
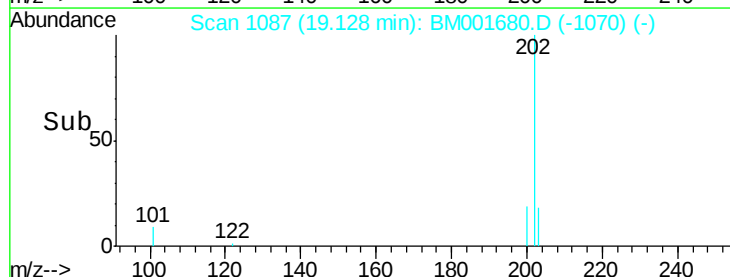
203 17.2 13.8 20.6

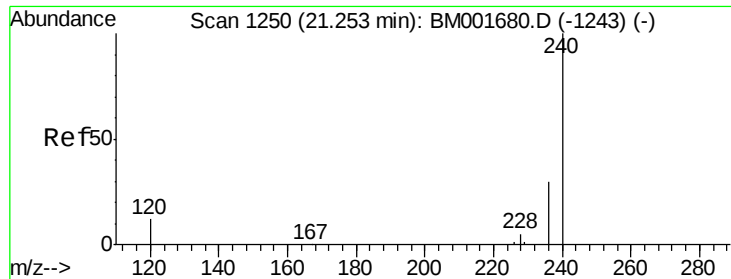


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

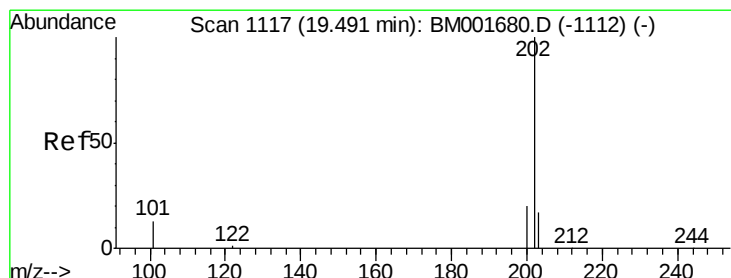
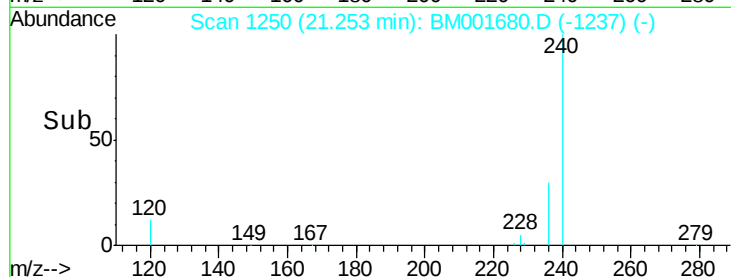
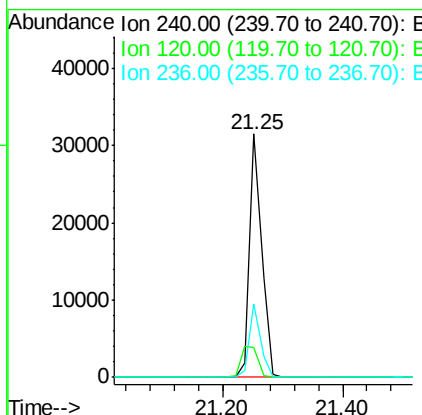
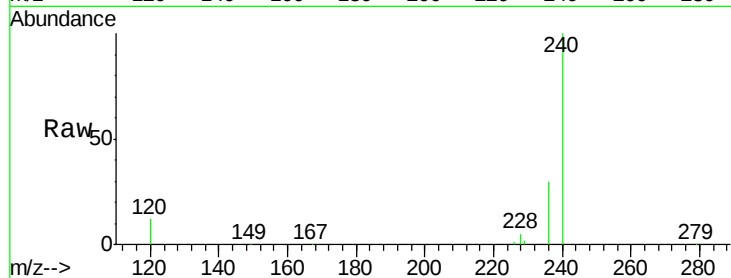




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.25 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BM001680.D
Acq: 12 Jun 2015 21:32

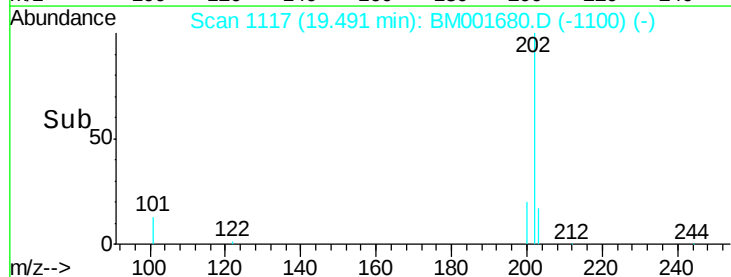
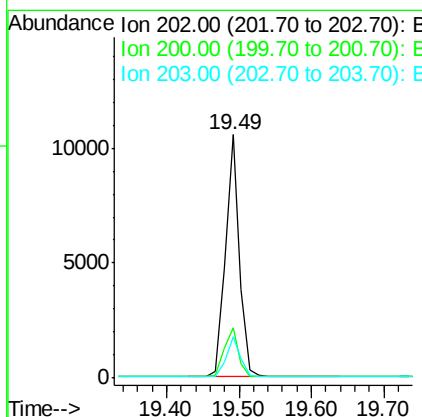
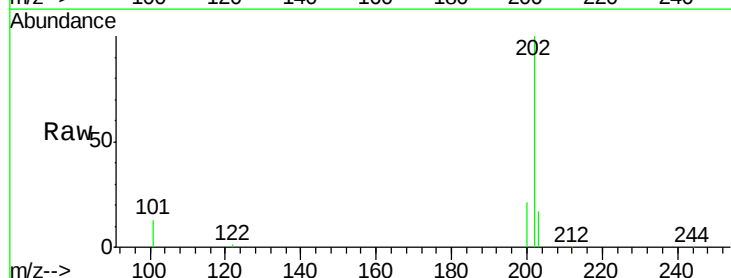
Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

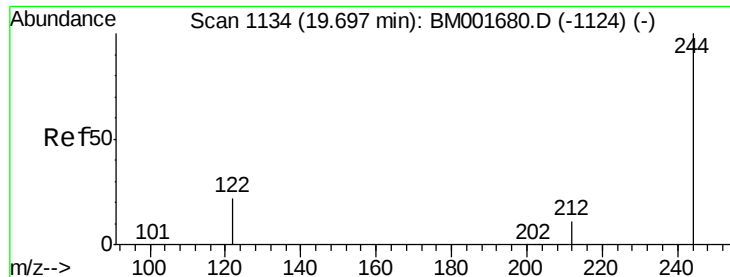
Tgt Ion:240 Resp: 43224
Ion Ratio Lower Upper
240 100
120 12.4 9.9 14.9
236 29.9 23.9 35.9



#26
Pyrene
Concen: 0.97 ng
RT: 19.49 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BM001680.D
Acq: 12 Jun 2015 21:32

Tgt Ion:202 Resp: 14358
Ion Ratio Lower Upper
202 100
200 21.0 16.8 25.2
203 17.0 13.6 20.4

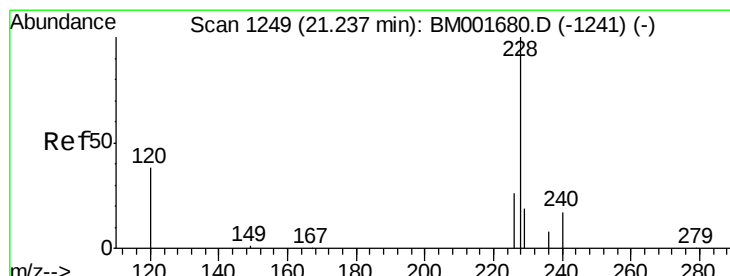
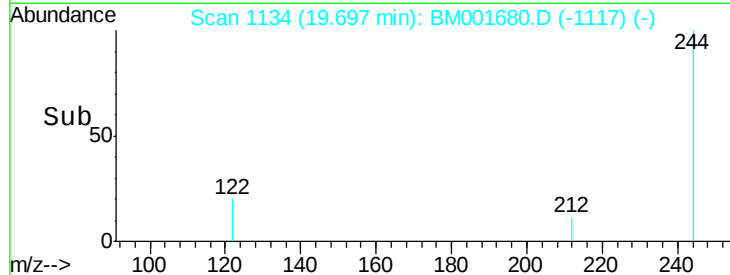
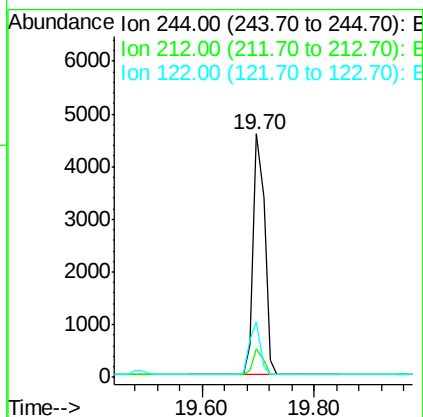
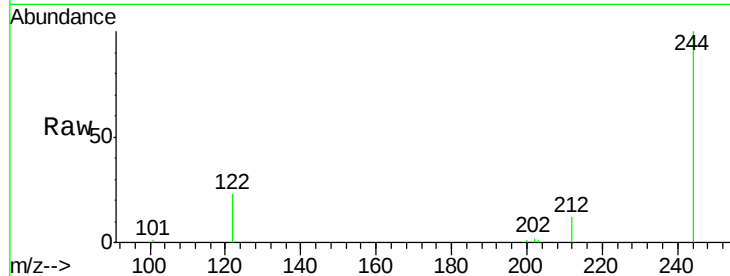




#27
 Terphenyl-d14
 Concen: 0.98 ng
 RT: 19.70 min Scan# 1134
 Delta R.T. 0.00 min
 Lab File: BM001680.D
 Acq: 12 Jun 2015 21:32

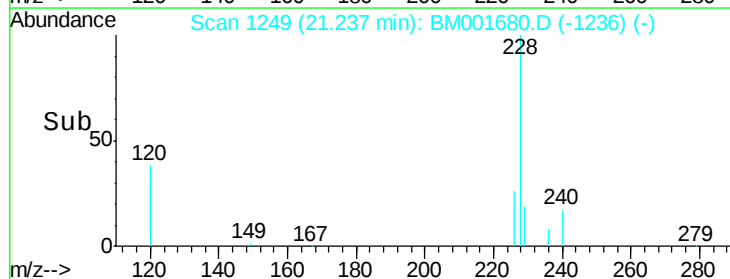
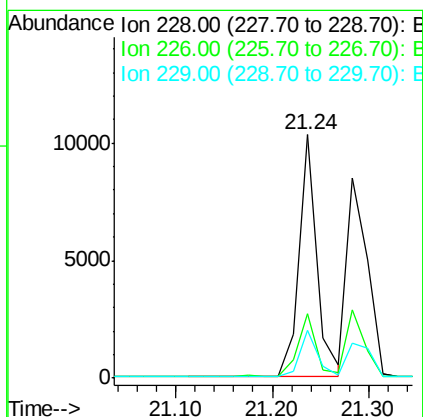
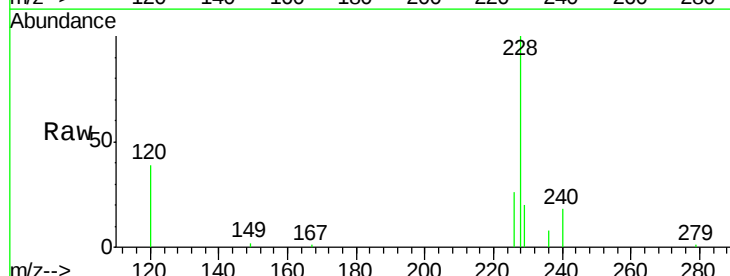
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC001

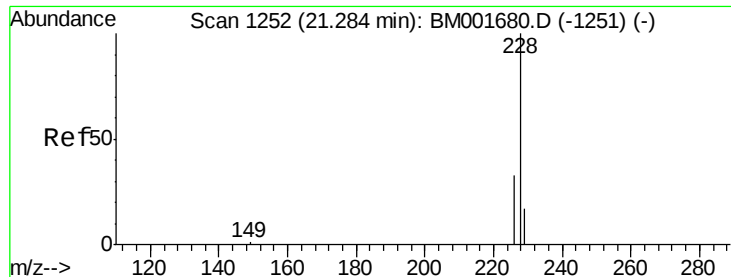
Tgt Ion: 244 Resp: 6425
 Ion Ratio Lower Upper
 244 100
 212 12.0 9.6 14.4
 122 23.0 18.4 27.6



#28
 Benzo(a)anthracene
 Concen: 0.98 ng
 RT: 21.24 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BM001680.D
 Acq: 12 Jun 2015 21:32

Tgt Ion: 228 Resp: 13312
 Ion Ratio Lower Upper
 228 100
 226 26.2 21.0 31.4
 229 19.8 15.8 23.8





#29

Chrysene

Concen: 0.98 ng

RT: 21.28 min Scan# 1252

Delta R.T. 0.00 min

Lab File: BM001680.D

Acq: 12 Jun 2015 21:32

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

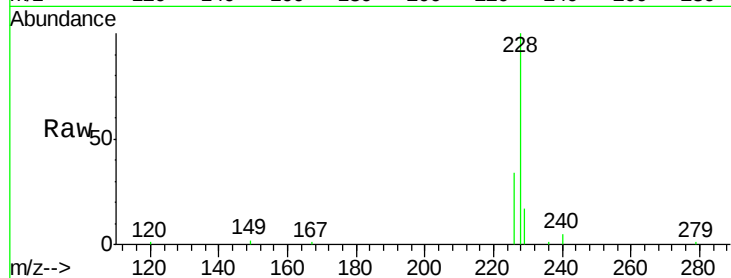
Tgt Ion:228 Resp: 12721

Ion Ratio Lower Upper

228 100

226 34.2 27.4 41.0

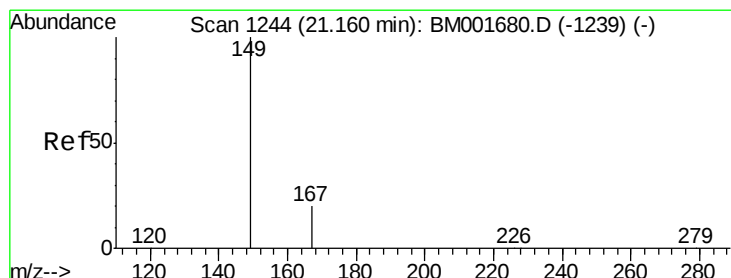
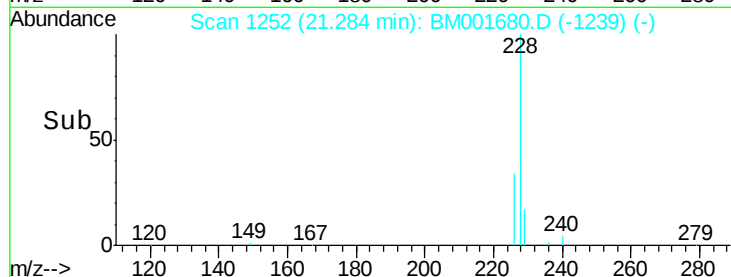
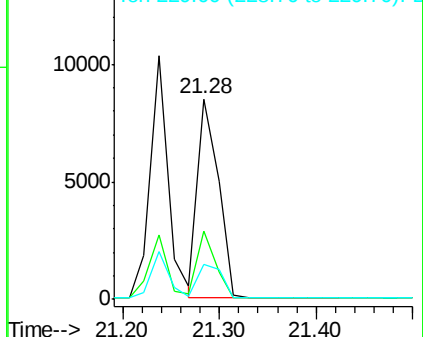
229 17.1 13.7 20.5



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: 0.83 ng

RT: 21.16 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BM001680.D

Acq: 12 Jun 2015 21:32

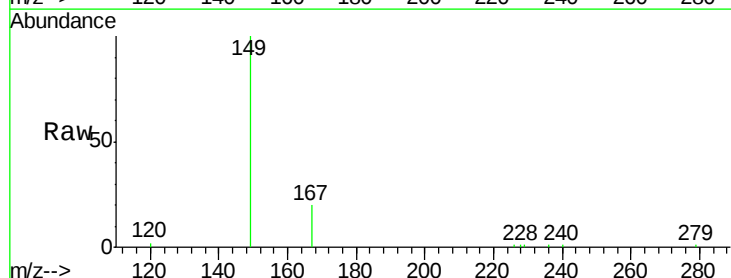
Tgt Ion:149 Resp: 6951

Ion Ratio Lower Upper

149 100

167 25.5 20.4 30.6

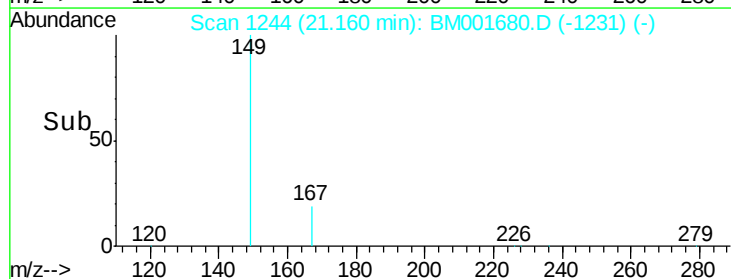
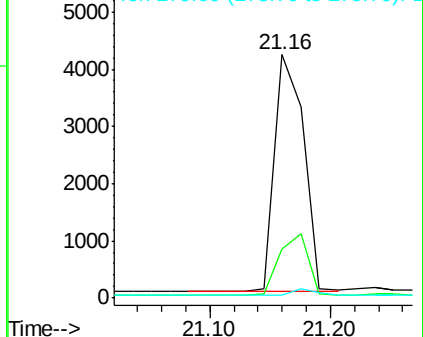
279 2.1 1.7 2.5

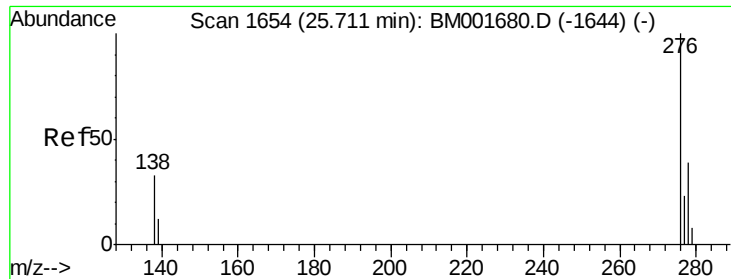


Abundance Ion 149.00 (148.70 to 149.70): E

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: 1.24 ng

RT: 25.71 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BM001680.D

Acq: 12 Jun 2015 21:32

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

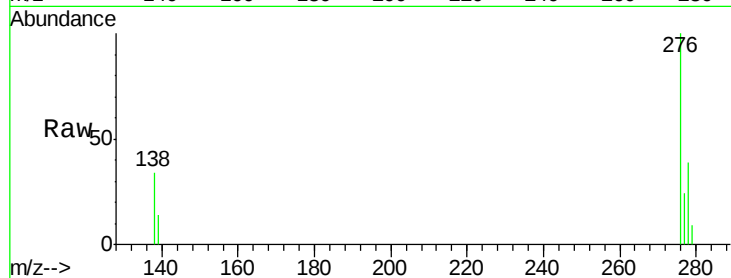
Tgt Ion:276 Resp: 13274

Ion Ratio Lower Upper

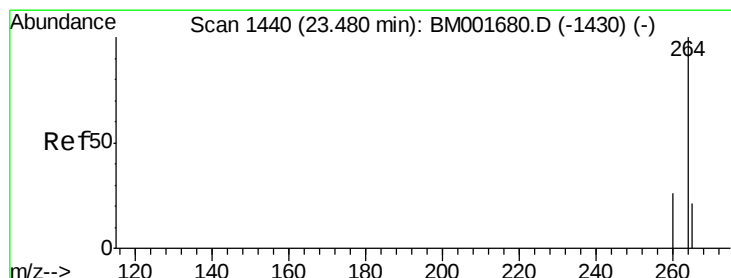
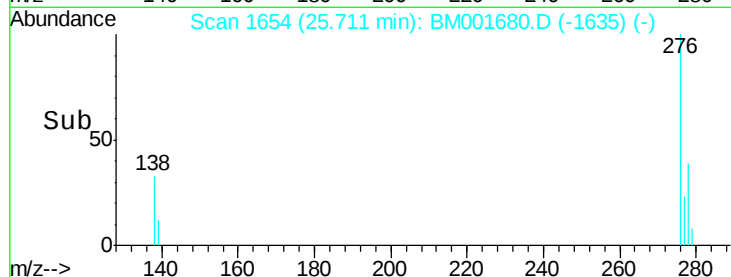
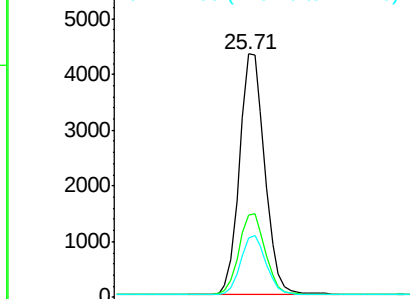
276 100

138 34.8 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: BM001680.D

Acq: 12 Jun 2015 21:32

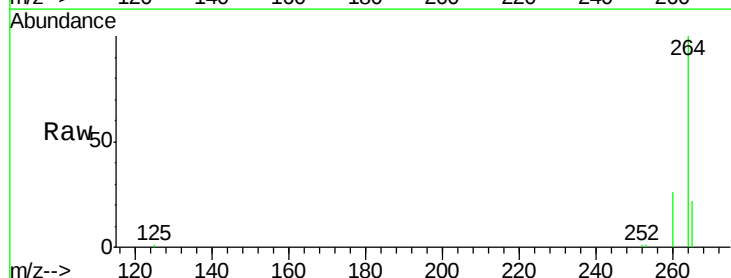
Tgt Ion:264 Resp: 39466

Ion Ratio Lower Upper

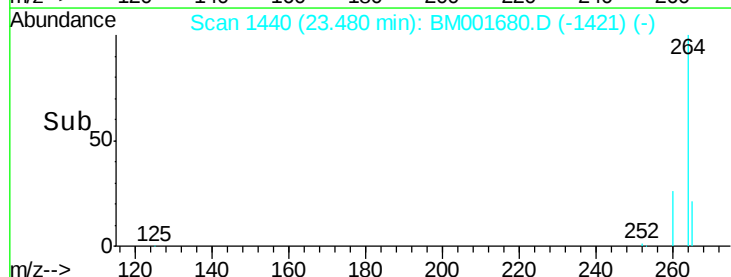
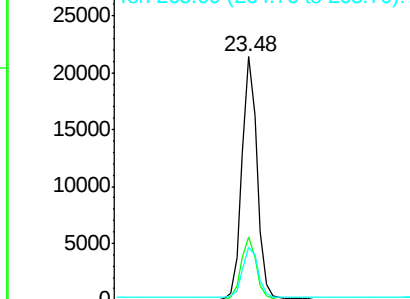
264 100

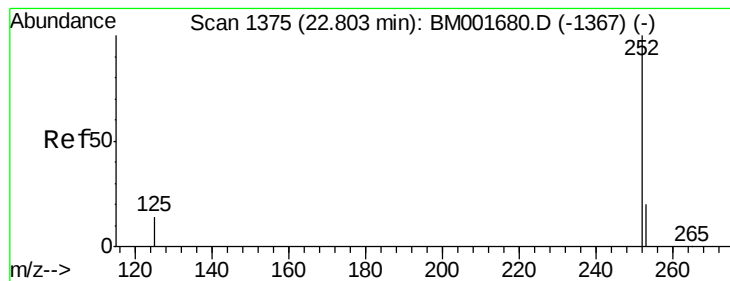
260 26.0 20.8 31.2

265 21.6 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: 0.92 ng

RT: 22.80 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BM001680.D

Acq: 12 Jun 2015 21:32

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

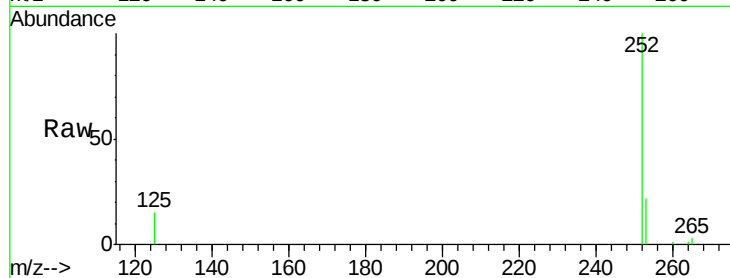
Tgt Ion:252 Resp: 11837

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

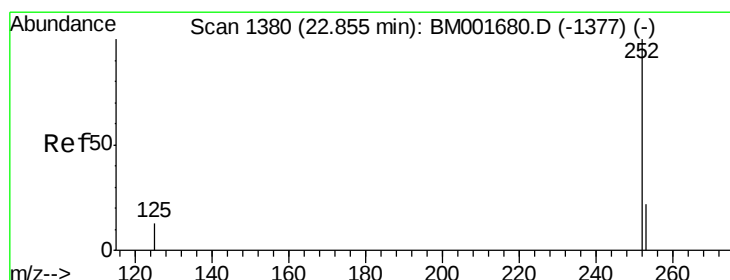
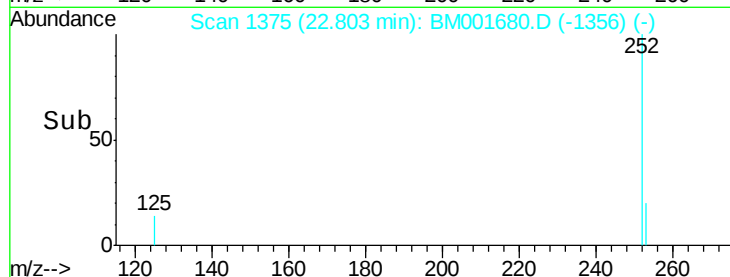
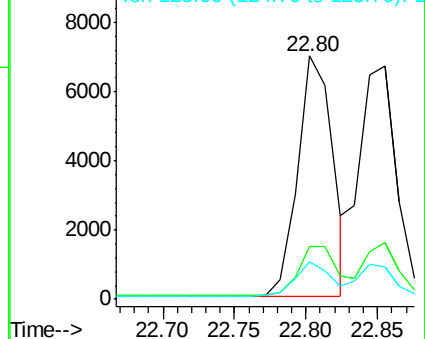
125 15.4 12.3 18.5



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: 0.96 ng

RT: 22.85 min Scan# 1380

Delta R.T. 0.00 min

Lab File: BM001680.D

Acq: 12 Jun 2015 21:32

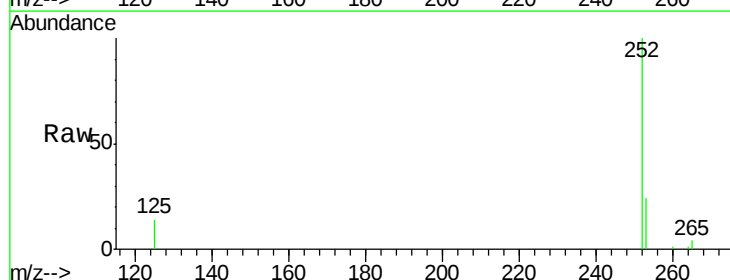
Tgt Ion:252 Resp: 12069

Ion Ratio Lower Upper

252 100

253 24.2 19.4 29.0

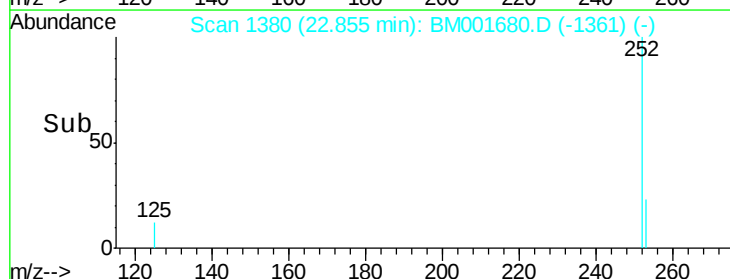
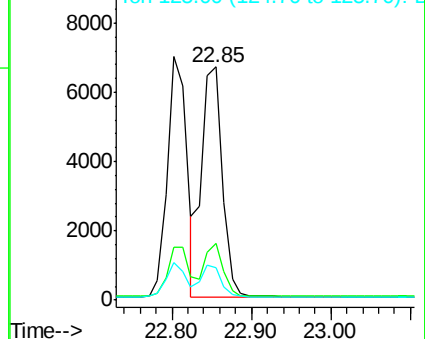
125 13.7 11.0 16.4

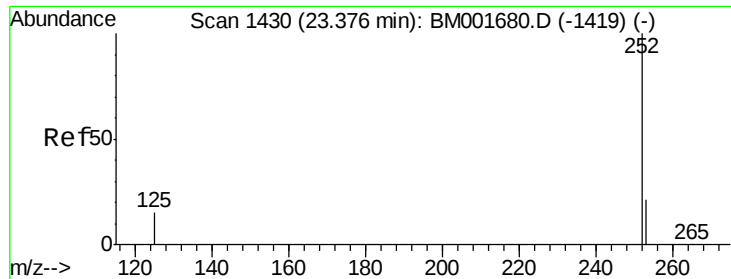


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 0.99 ng

RT: 23.38 min Scan# 1430

Delta R.T. 0.00 min

Lab File: BM001680.D

Acq: 12 Jun 2015 21:32

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

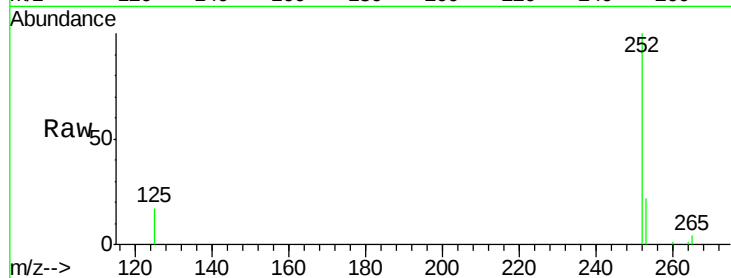
Tgt Ion:252 Resp: 10724

Ion Ratio Lower Upper

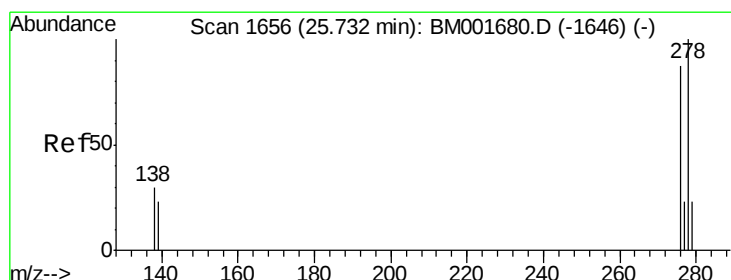
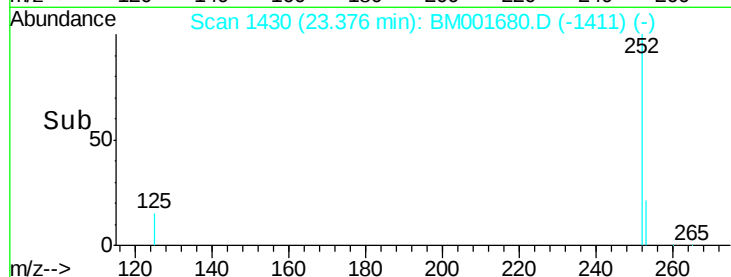
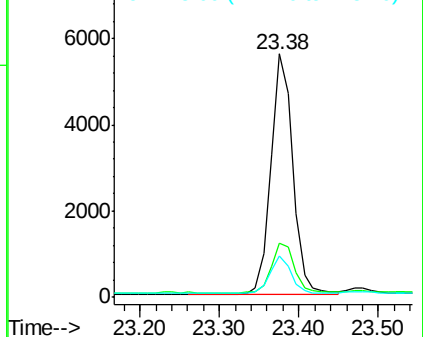
252 100

253 22.3 17.8 26.8

125 16.8 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: 1.15 ng

RT: 25.73 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BM001680.D

Acq: 12 Jun 2015 21:32

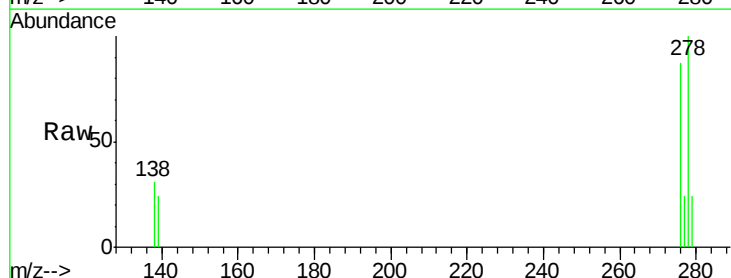
Tgt Ion:278 Resp: 10718

Ion Ratio Lower Upper

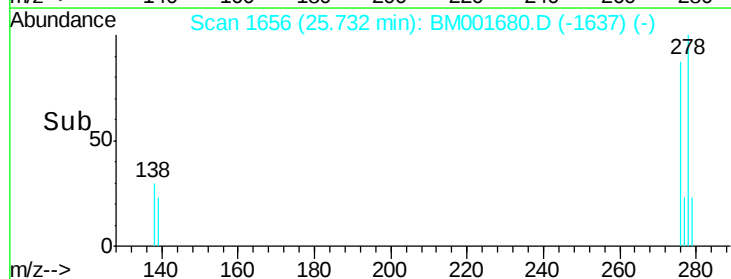
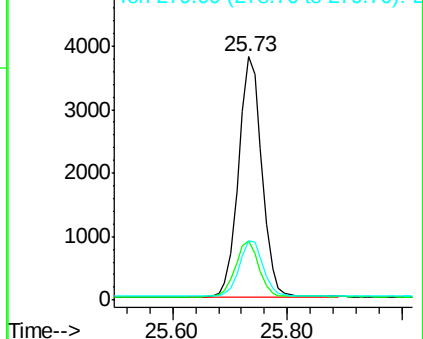
278 100

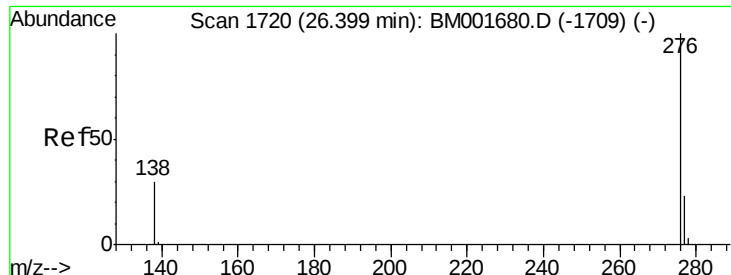
139 24.2 19.4 29.0

279 24.3 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: 1.11 ng

RT: 26.40 min Scan# 1720

Delta R.T. 0.00 min

Lab File: BM001680.D

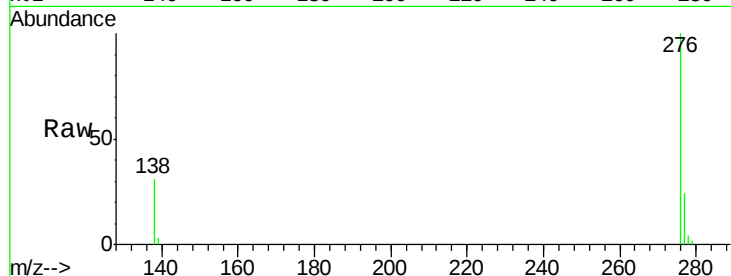
Acq: 12 Jun 2015 21:32

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001



Tgt Ion: 276 Resp: 11173

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 31.3 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

