

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061315\
 Data File : BM001685.D
 Acq On : 13 Jun 2015 00:34
 Operator : TP/IZ
 Sample : SSTDICV001
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM061315

Quant Time: Jun 13 02:15:23 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 02:11:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	14636	5.00	ng	0.00
6) Naphthalene-d8	10.46	136	54071	5.00	ng	0.00
12) Acenaphthene-d10	14.32	164	26415	5.00	ng	0.00
18) Phenanthrene-d10	17.06	188	81404	5.00	ng	0.00
25) Chrysene-d12	21.25	240	46120	5.00	ng	0.00
32) Perylene-d12	23.48	264	41923	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.25	112	3285	0.93	ng	0.00
5) Phenol-d6	6.83	99	4153	0.93	ng	0.00
7) Nitrobenzene-d5	8.83	82	3940	0.92	ng	0.00
13) 2,4,6-Tribromophenol	15.80	330	575	0.93	ng	0.00
14) 2-Fluorobiphenyl	12.94	172	8851	0.94	ng	0.00
27) Terphenyl-d14	19.70	244	6429	0.93	ng	0.00

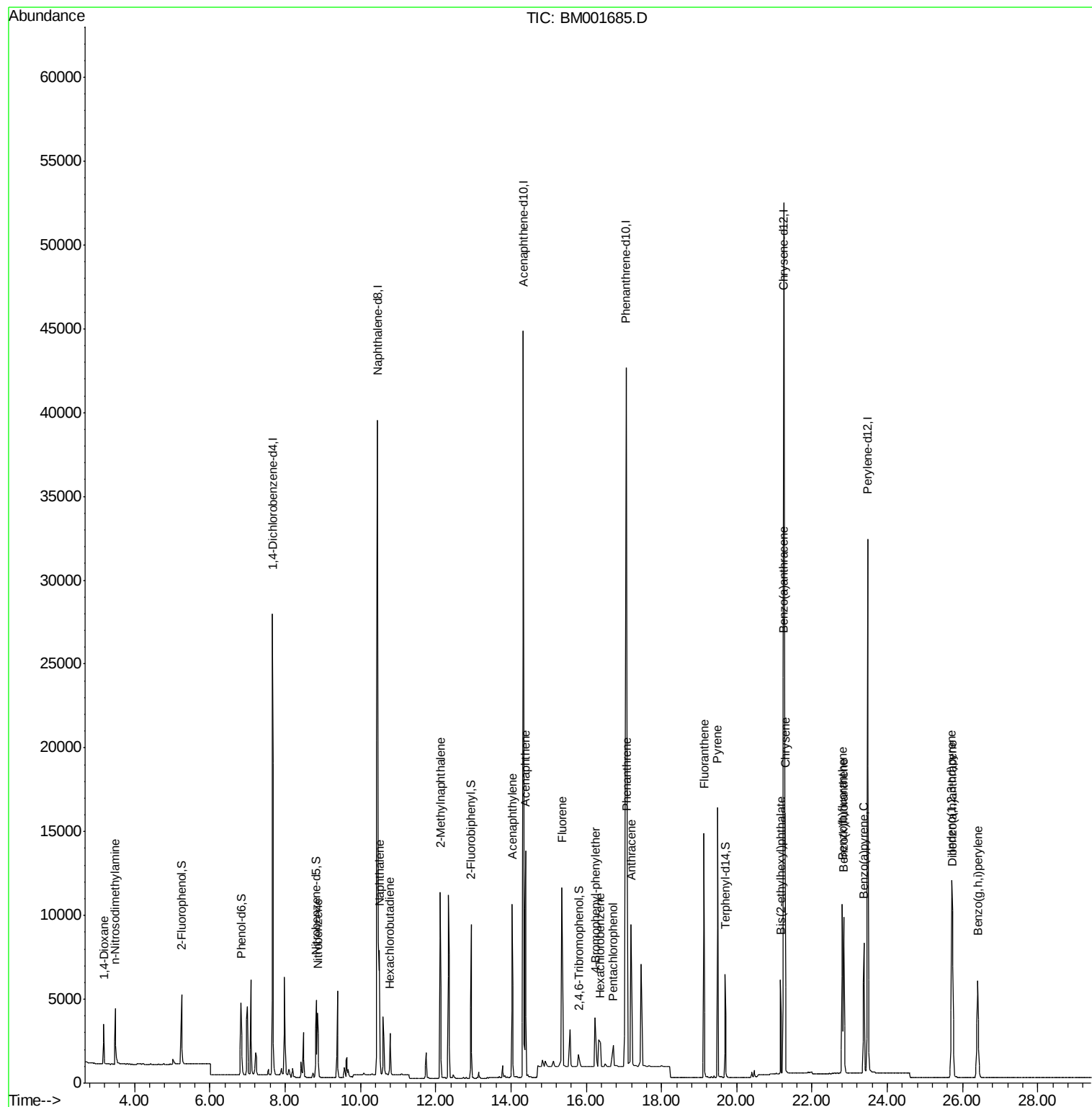
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.18	88	1613	1.02	ng	98
3) n-Nitrosodimethylamine	3.49	42	2517	0.95	ng	97
8) Nitrobenzene	8.87	77	4193	0.91	ng	100
9) Naphthalene	10.51	128	12202	0.94	ng	100
10) Hexachlorobutadiene	10.78	225	2073	0.95	ng	99
11) 2-Methylnaphthalene	12.13	142	7817	0.94	ng	100
15) Acenaphthylene	14.03	152	11709	0.93	ng	100
16) Acenaphthene	14.39	154	7161	0.92	ng	97
17) Fluorene	15.36	166	9695	0.85	ng	99
19) 4-Bromophenyl-phenylether	16.24	248	1514	0.98	ng	98
20) Hexachlorobenzene	16.38	284	2633	0.90	ng	# 100
21) Pentachlorophenol	16.72	266	1141	0.90	ng	99
22) Phenanthrene	17.09	178	18998	1.03	ng	100
23) Anthracene	17.19	178	13143	0.91	ng	99
24) Fluoranthene	19.13	202	13787	0.93	ng	100
26) Pyrene	19.49	202	14557	0.93	ng	99
28) Benzo(a)anthracene	21.24	228	13599	0.93	ng	98
29) Chrysene	21.28	228	12765	0.94	ng	97
30) Bis(2-ethylhexyl)phthalate	21.16	149	6811	0.92	ng	100
31) Indeno(1,2,3-cd)pyrene	25.71	276	13411	0.94	ng	100
33) Benzo(b)fluoranthene	22.80	252	12222	0.93	ng	98
34) Benzo(k)fluoranthene	22.84	252	11789	0.95	ng	96
35) Benzo(a)pyrene	23.38	252	10709	0.93	ng	98
36) Dibenzo(a,h)anthracene	25.73	278	10750	0.95	ng	98
37) Benzo(g,h,i)perylene	26.40	276	11262	0.94	ng	98

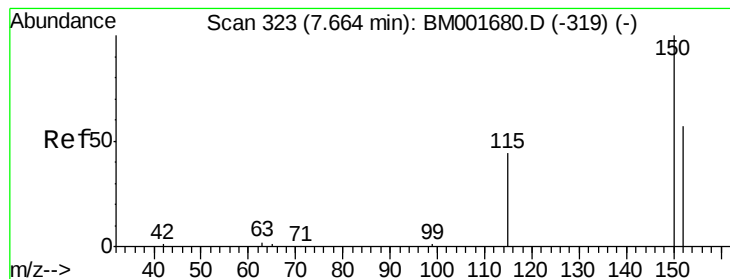
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061315\
Data File : BM001685.D
Acq On : 13 Jun 2015 00:34
Operator : TP/IZ
Sample : SSTDICV001
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM061315

Quant Time: Jun 13 02:15:23 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 02:11:48 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.66 min Scan# 323

Delta R.T. -0.00 min

Lab File: BM001685.D

Acq: 13 Jun 2015 00:34

Instrument :

BNA_M

ClientSampleId :

ICVBM061315

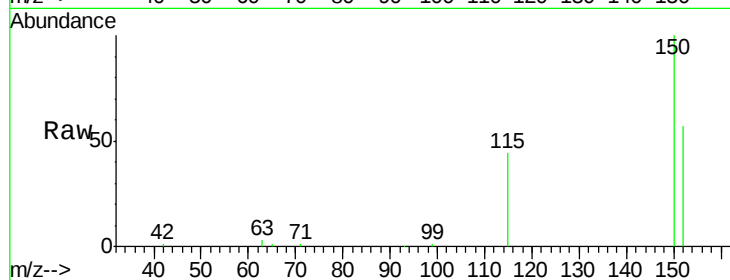
Tgt Ion:152 Resp: 14636

Ion Ratio Lower Upper

152 100

150 173.9 139.6 209.4

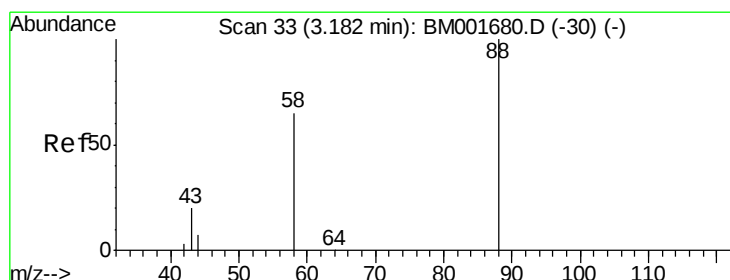
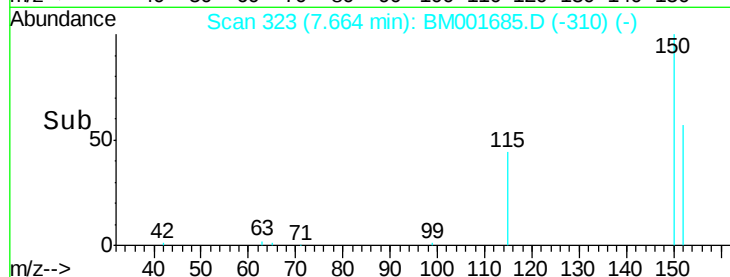
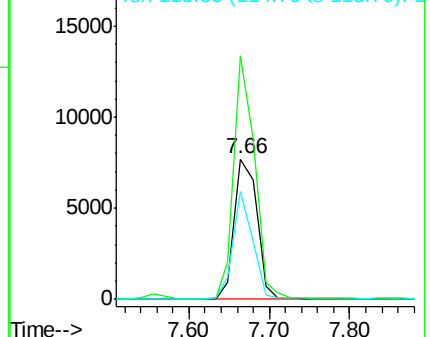
115 77.3 62.5 93.7



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: 1.02 ng

RT: 3.18 min Scan# 33

Delta R.T. 0.00 min

Lab File: BM001685.D

Acq: 13 Jun 2015 00:34

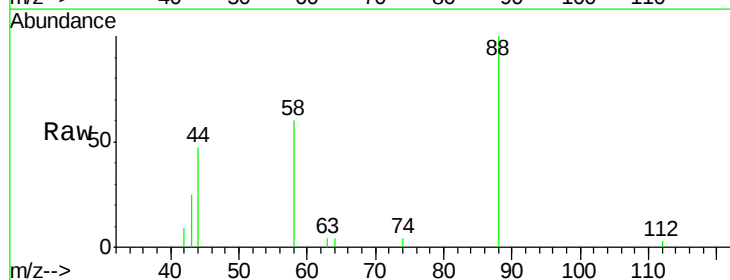
Tgt Ion: 88 Resp: 1613

Ion Ratio Lower Upper

88 100

58 84.4 68.1 102.1

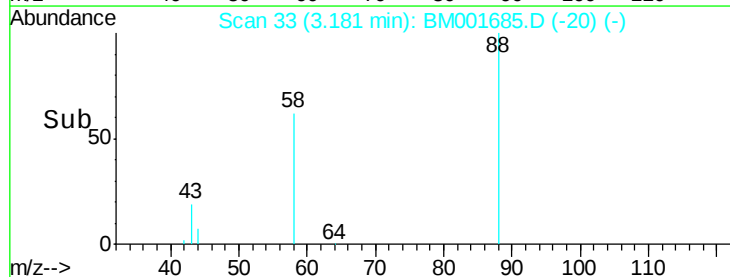
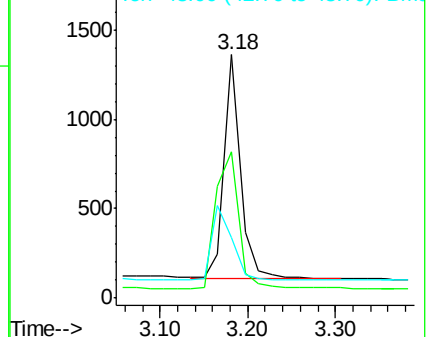
43 42.0 31.8 47.6

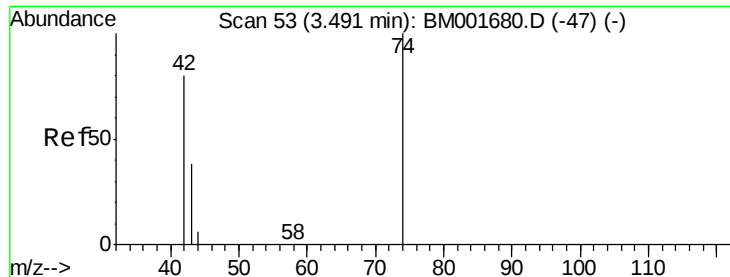


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.95 ng

RT: 3.49 min Scan# 53

Delta R.T. -0.00 min

Lab File: BM001685.D

Acq: 13 Jun 2015 00:34

Instrument :

BNA_M

ClientSampleId :

ICVBM061315

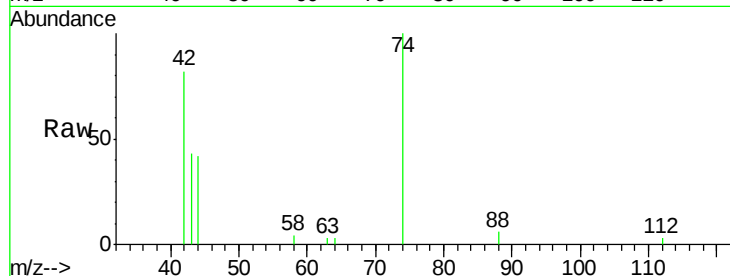
Tgt Ion: 42 Resp: 2517

Ion Ratio Lower Upper

42 100

74 97.7 80.5 120.7

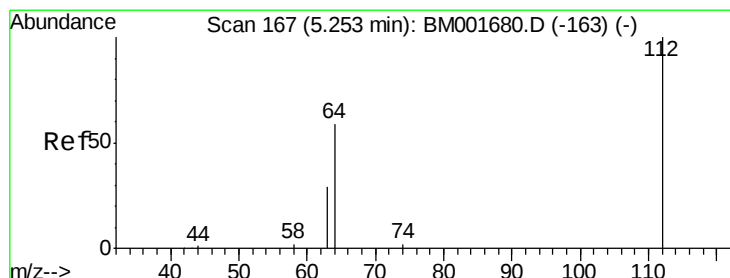
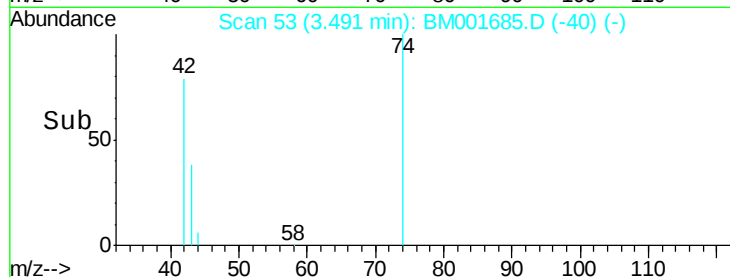
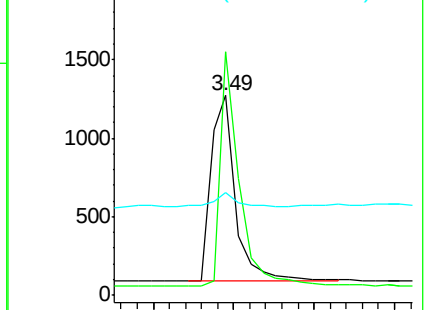
44 7.1 5.4 8.0



Abundance Ion 42.00 (41.70 to 42.70): BM001685.D (-40) (-)

Ion 74.00 (73.70 to 74.70): BM001685.D (-40) (-)

Ion 44.00 (43.70 to 44.70): BM001685.D (-40) (-)



#4

2-Fluorophenol

Concen: 0.93 ng

RT: 5.25 min Scan# 167

Delta R.T. -0.00 min

Lab File: BM001685.D

Acq: 13 Jun 2015 00:34

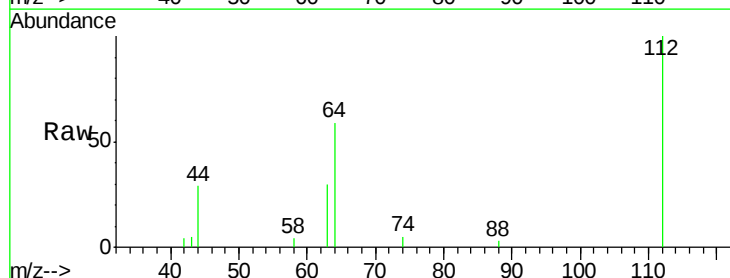
Tgt Ion: 112 Resp: 3285

Ion Ratio Lower Upper

112 100

64 68.9 54.9 82.3

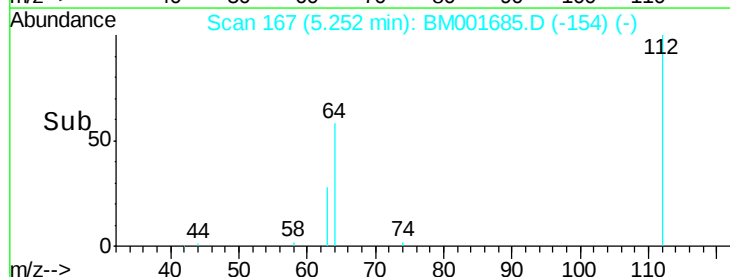
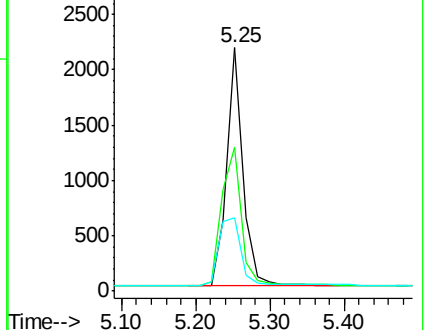
63 38.4 30.5 45.7

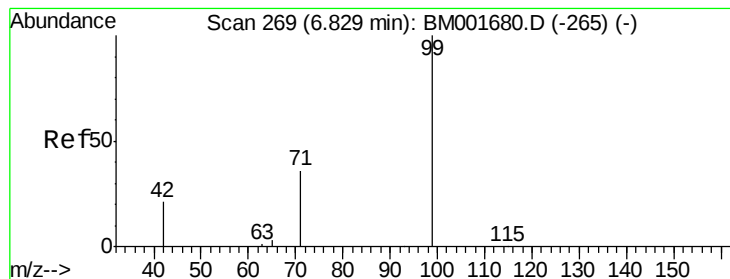


Abundance Ion 112.00 (111.70 to 112.70): BM001685.D (-154) (-)

Ion 64.00 (63.70 to 64.70): BM001685.D (-154) (-)

Ion 63.00 (62.70 to 63.70): BM001685.D (-154) (-)





#5

Phenol-d6

Concen: 0.93 ng

RT: 6.83 min Scan# 269

Delta R.T. -0.00 min

Lab File: BM001685.D

Acq: 13 Jun 2015 00:34

Instrument :

BNA_M

ClientSampleId :

ICVBM061315

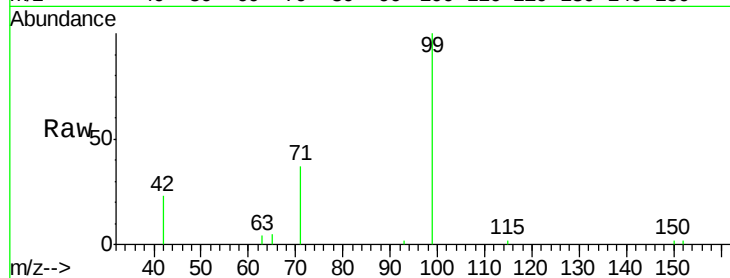
Tgt Ion: 99 Resp: 4153

Ion Ratio Lower Upper

99 100

42 27.3 21.0 31.6

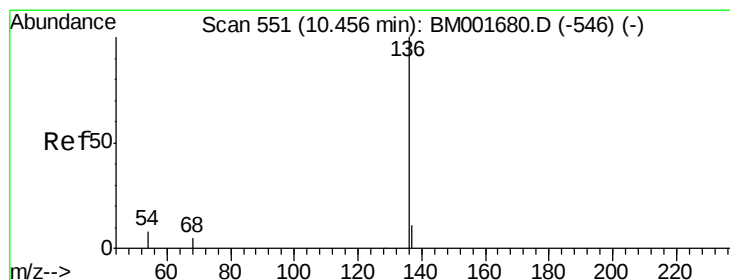
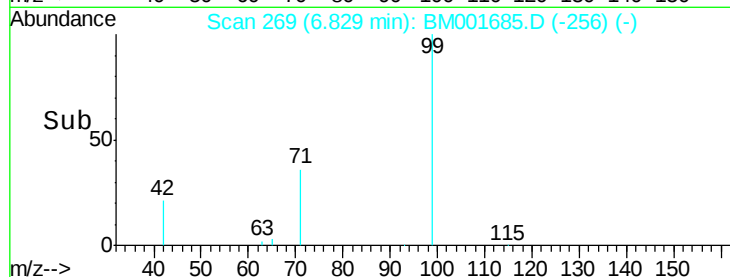
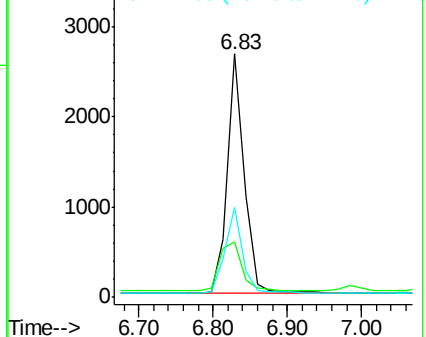
71 36.2 28.7 43.1



Abundance Ion 99.00 (98.70 to 99.70): BM001685.D (-265) (-)

Ion 42.00 (41.70 to 42.70): BM001685.D (-265) (-)

Ion 71.00 (70.70 to 71.70): BM001685.D (-265) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.46 min Scan# 551

Delta R.T. -0.00 min

Lab File: BM001685.D

Acq: 13 Jun 2015 00:34

Tgt Ion: 136 Resp: 54071

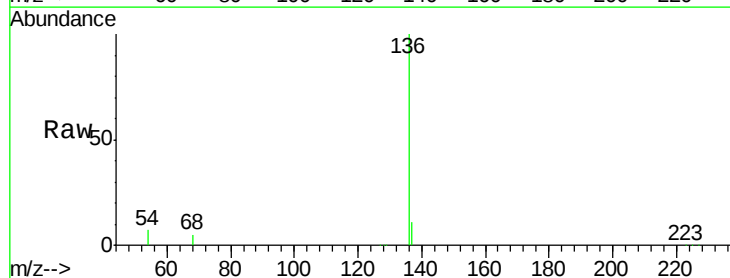
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.3 6.2 9.4

68 4.7 3.9 5.9

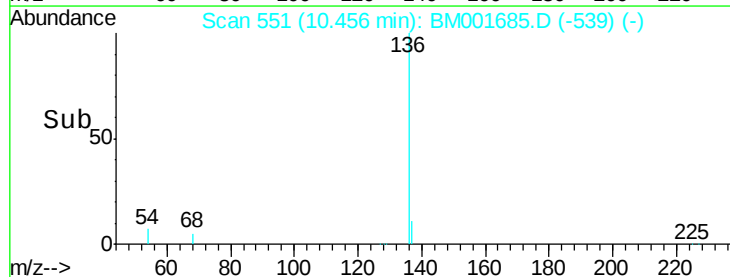
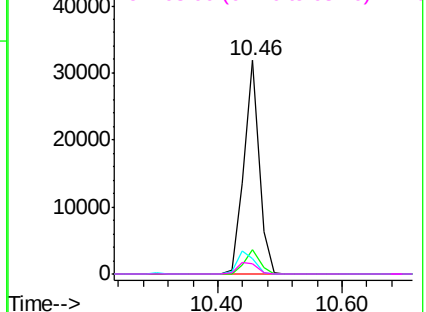


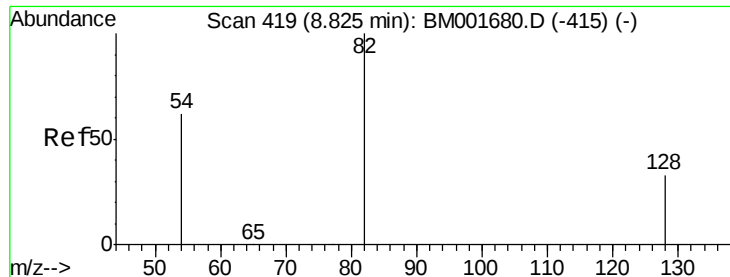
Abundance Ion 136.00 (135.70 to 136.70): BM001685.D (-546) (-)

Ion 137.00 (136.70 to 137.70): BM001685.D (-546) (-)

Ion 54.00 (53.70 to 54.70): BM001685.D (-546) (-)

Ion 68.00 (67.70 to 68.70): BM001685.D (-546) (-)





#7

Nitrobenzene-d5

Concen: 0.92 ng

RT: 8.83 min Scan# 419

Delta R.T. -0.00 min

Lab File: BM001685.D

Acq: 13 Jun 2015 00:34

Instrument :

BNA_M

ClientSampleId :

ICVBM061315

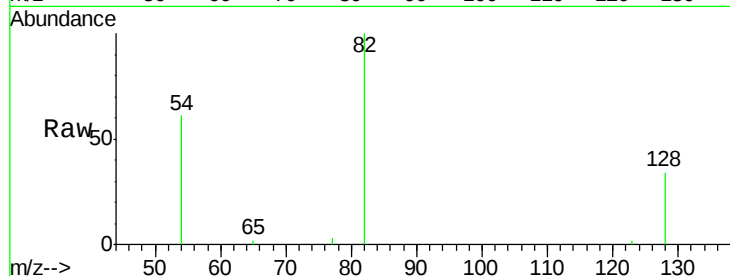
Tgt Ion: 82 Resp: 3940

Ion Ratio Lower Upper

82 100

128 34.3 27.6 41.4

54 61.3 50.1 75.1

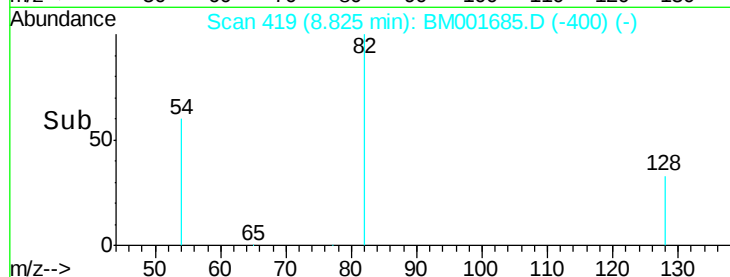


Abundance Ion 82.00 (81.70 to 82.70): BM001685.D (-400) (-)

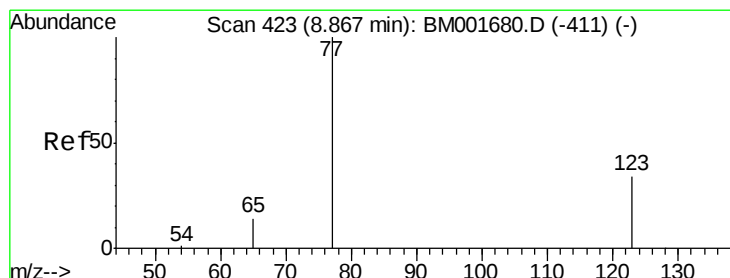
Ion 128.00 (127.70 to 128.70): BM001685.D (-400) (-)

Ion 54.00 (53.70 to 54.70): BM001685.D (-400) (-)

Time-->



Time-->



#8

Nitrobenzene

Concen: 0.91 ng

RT: 8.87 min Scan# 423

Delta R.T. -0.00 min

Lab File: BM001685.D

Acq: 13 Jun 2015 00:34

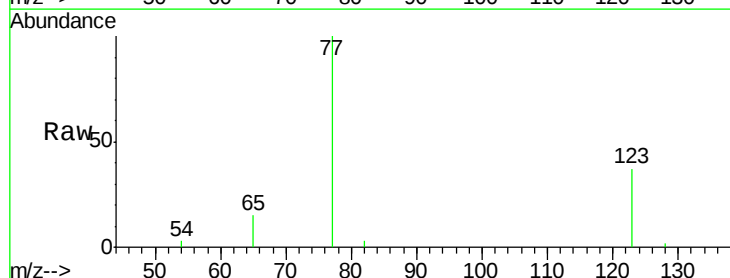
Tgt Ion: 77 Resp: 4193

Ion Ratio Lower Upper

77 100

123 38.2 30.6 46.0

65 14.0 11.5 17.3

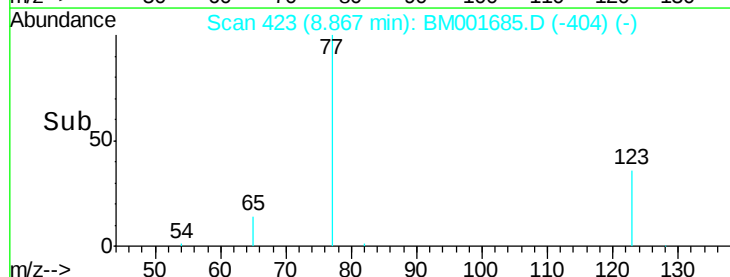


Abundance Ion 77.00 (76.70 to 77.70): BM001685.D (-404) (-)

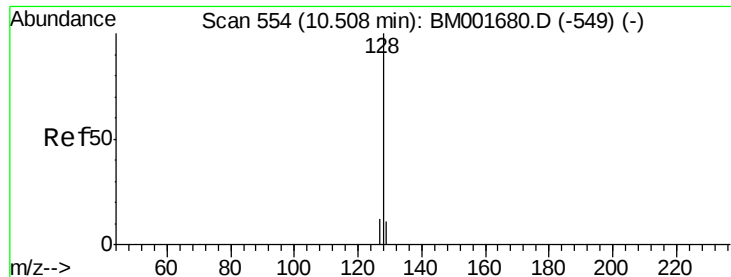
Ion 123.00 (122.70 to 123.70): BM001685.D (-404) (-)

Ion 65.00 (64.70 to 65.70): BM001685.D (-404) (-)

Time-->



Time-->



#9

Naphthalene

Concen: 0.94 ng

RT: 10.51 min Scan# 554

Delta R.T. -0.00 min

Lab File: BM001685.D

Acq: 13 Jun 2015 00:34

Instrument :

BNA_M

ClientSampleId :

ICVBM061315

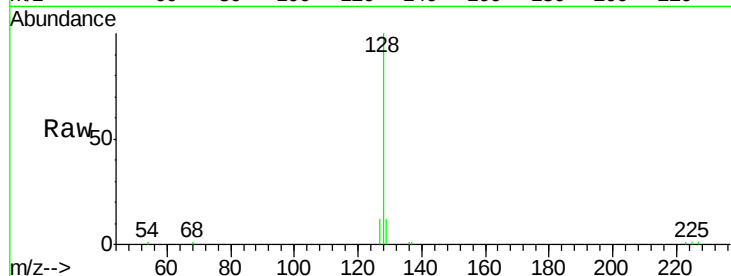
Tgt Ion:128 Resp: 12202

Ion Ratio Lower Upper

128 100

129 12.4 9.7 14.5

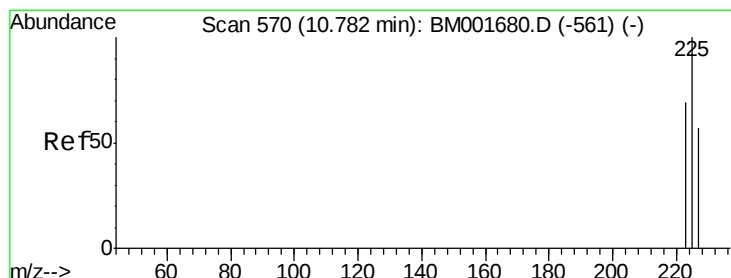
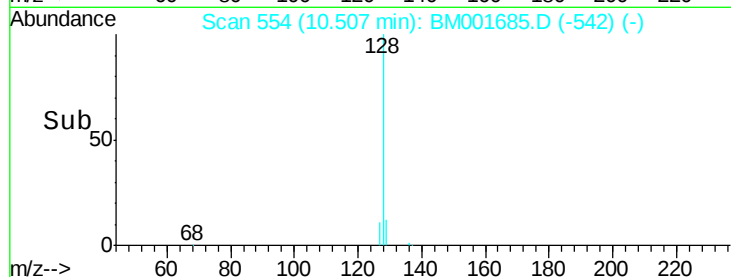
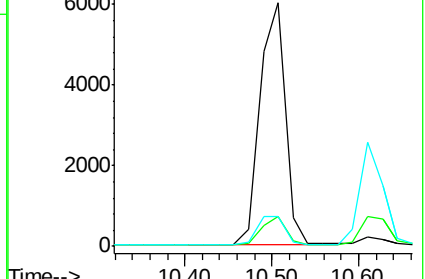
127 12.2 9.8 14.6



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

Hexachlorobutadiene

Concen: 0.95 ng

RT: 10.78 min Scan# 570

Delta R.T. -0.00 min

Lab File: BM001685.D

Acq: 13 Jun 2015 00:34

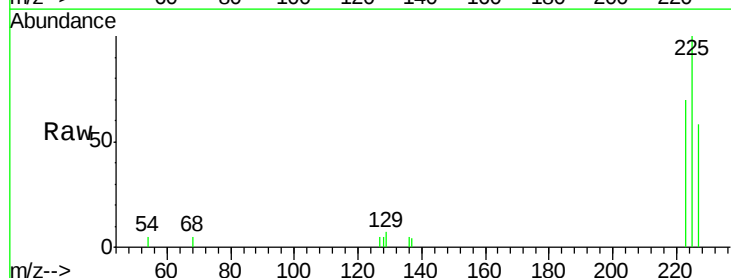
Tgt Ion:225 Resp: 2073

Ion Ratio Lower Upper

225 100

223 62.8 49.7 74.5

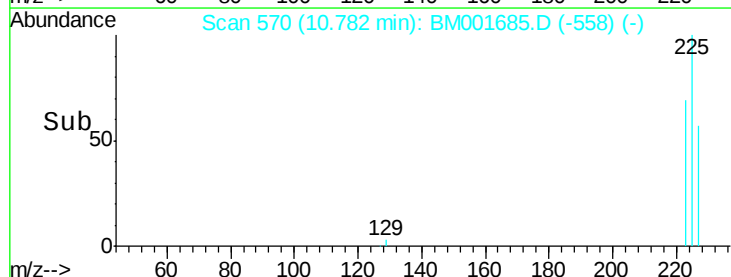
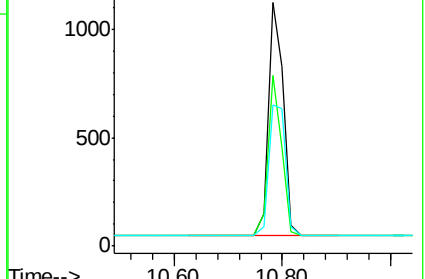
227 64.3 51.1 76.7

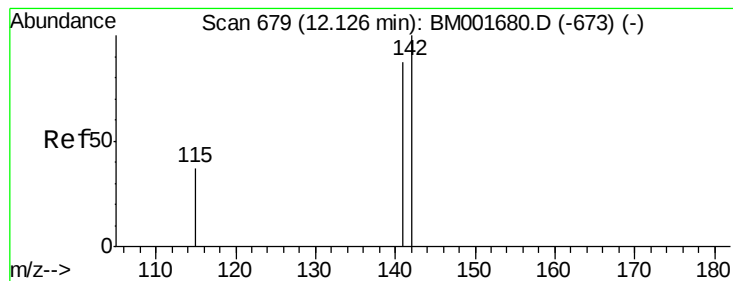


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

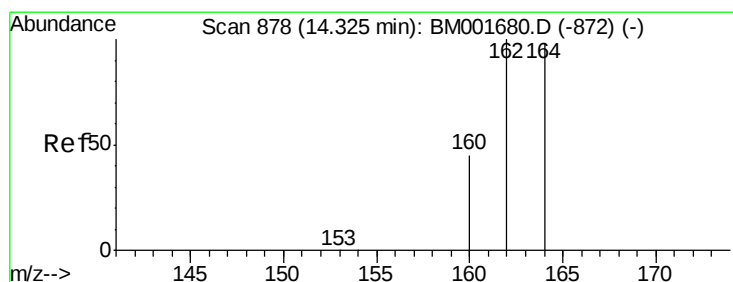
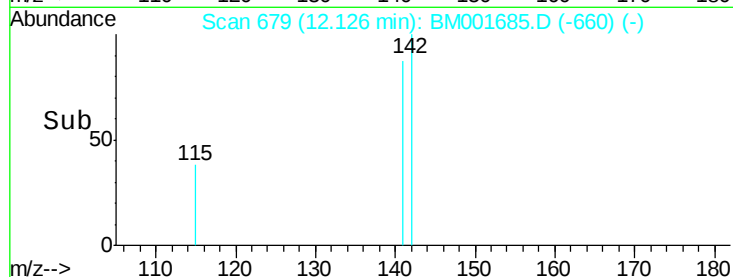
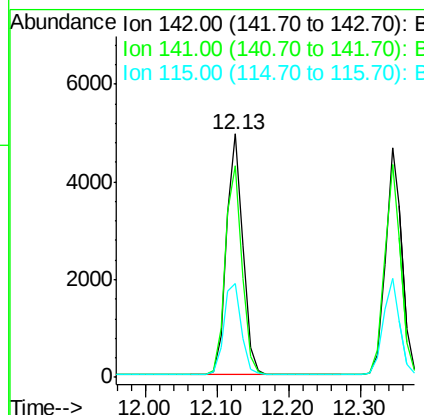
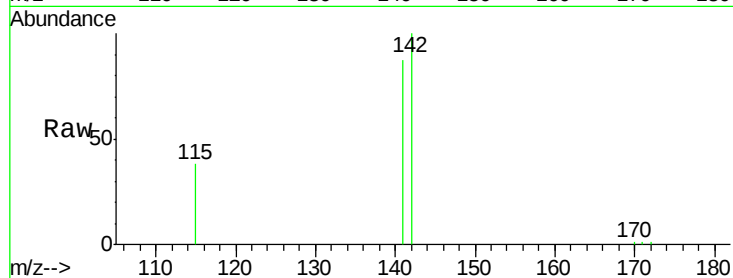




#11
2-Methylnaphthalene
Concen: 0.94 ng
RT: 12.13 min Scan# 679
Delta R.T. -0.00 min
Lab File: BM001685.D
Acq: 13 Jun 2015 00:34

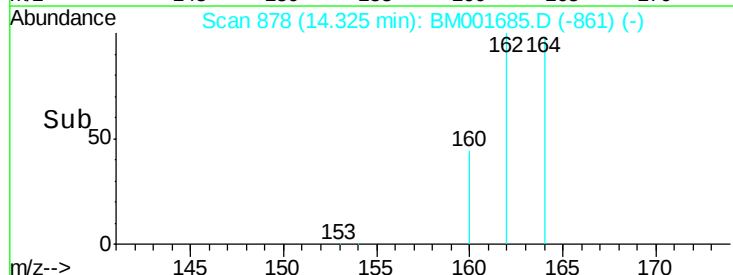
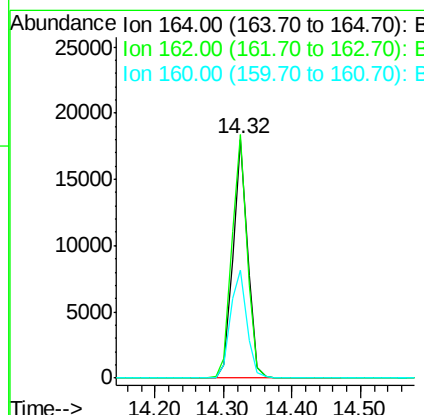
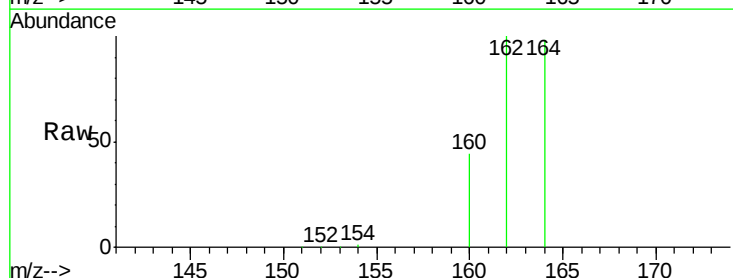
Instrument :
BNA_M
ClientSampleId :
ICVBM061315

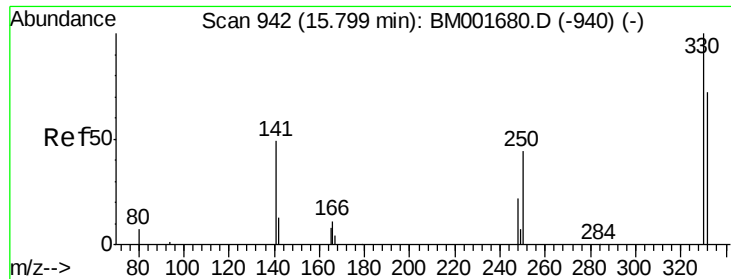
Tgt Ion:142 Resp: 7817
Ion Ratio Lower Upper
142 100
141 86.9 69.5 104.3
115 38.4 30.2 45.4



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.32 min Scan# 878
Delta R.T. -0.00 min
Lab File: BM001685.D
Acq: 13 Jun 2015 00:34

Tgt Ion:164 Resp: 26415
Ion Ratio Lower Upper
164 100
162 101.8 82.0 123.0
160 45.2 36.6 55.0

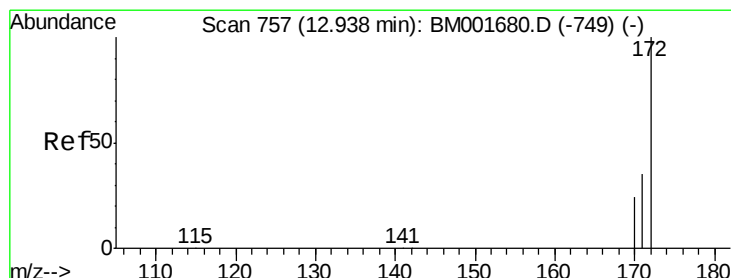
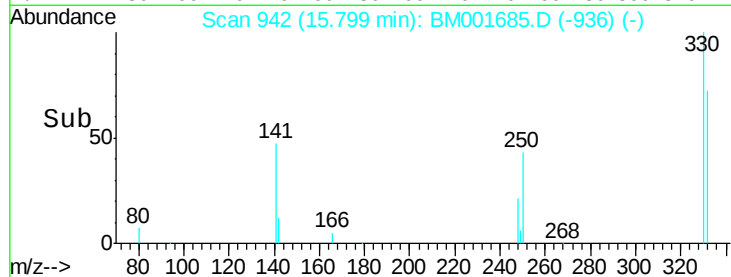
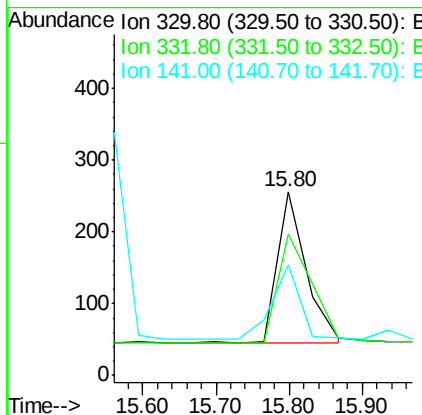
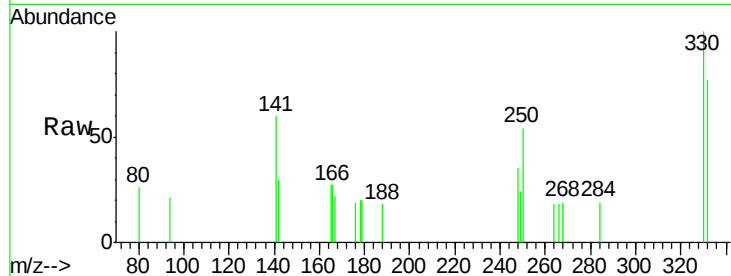




#13
 2,4,6-Tribromophenol
 Concen: 0.93 ng
 RT: 15.80 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BM001685.D
 Acq: 13 Jun 2015 00:34

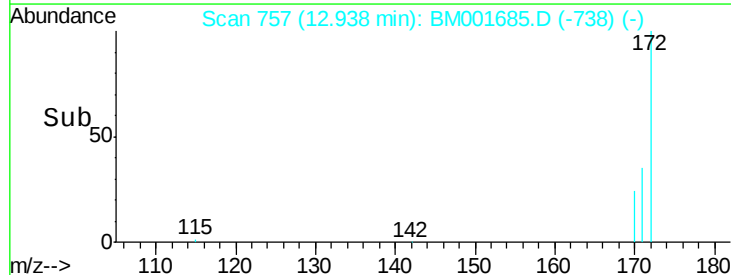
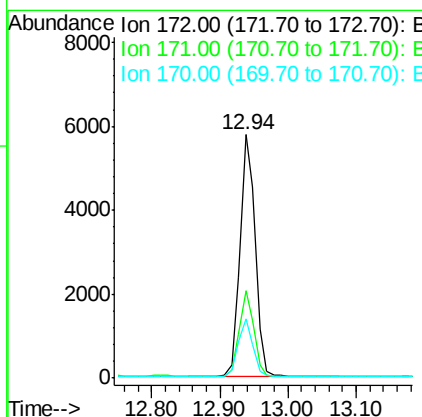
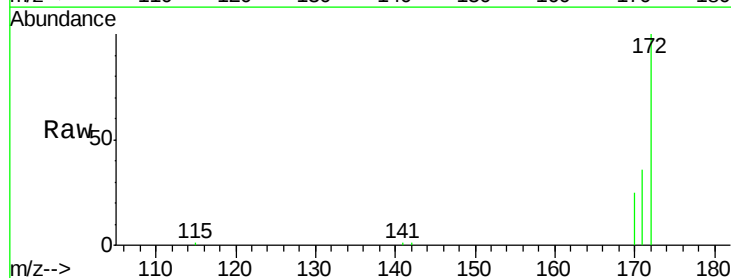
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM061315

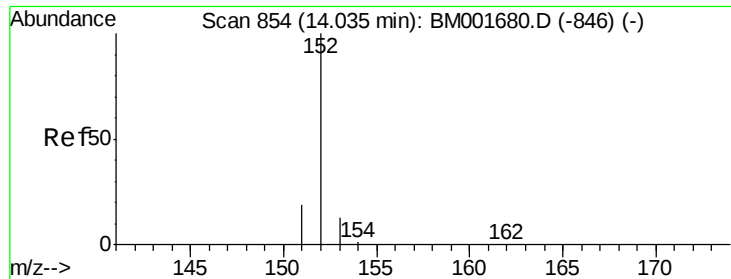
Tgt Ion: 330 Resp: 575
 Ion Ratio Lower Upper
 330 100
 332 84.3 68.6 103.0
 141 48.5 39.0 58.4



#14
 2-Fluorobiphenyl
 Concen: 0.94 ng
 RT: 12.94 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BM001685.D
 Acq: 13 Jun 2015 00:34

Tgt Ion: 172 Resp: 8851
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.4 42.6
 170 24.5 19.5 29.3





#15

Acenaphthylene

Concen: 0.93 ng

RT: 14.03 min Scan# 854

Delta R.T. -0.00 min

Lab File: BM001685.D

Acq: 13 Jun 2015 00:34

Instrument :

BNA_M

ClientSampleId :

ICVBM061315

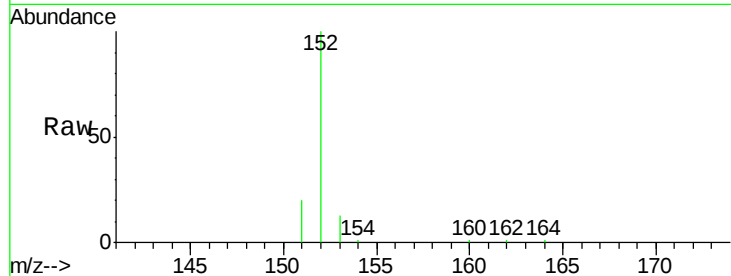
Tgt Ion:152 Resp: 11709

Ion Ratio Lower Upper

152 100

151 19.1 15.3 22.9

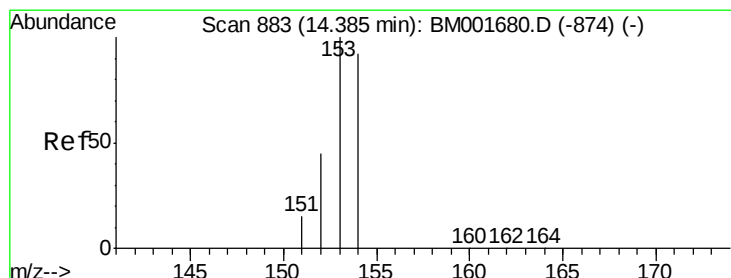
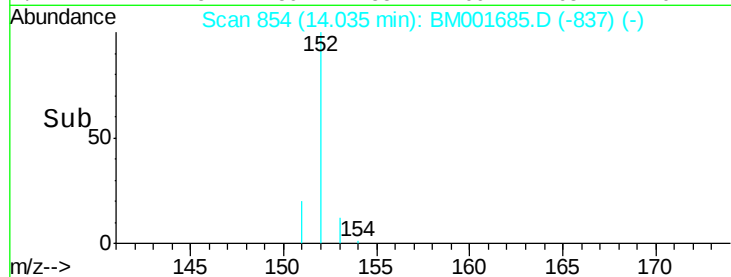
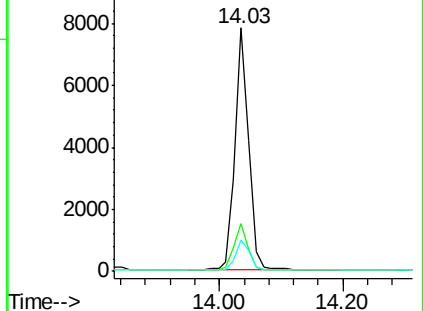
153 12.8 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 0.92 ng

RT: 14.39 min Scan# 883

Delta R.T. -0.00 min

Lab File: BM001685.D

Acq: 13 Jun 2015 00:34

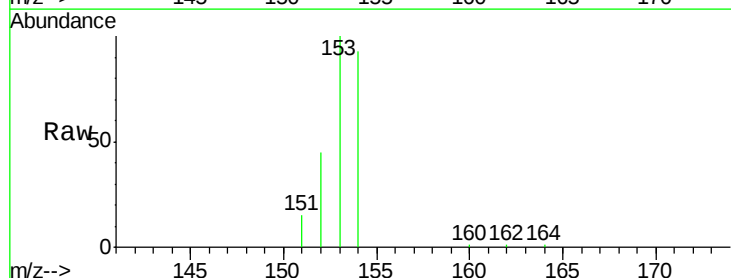
Tgt Ion:154 Resp: 7161

Ion Ratio Lower Upper

154 100

153 114.8 89.3 133.9

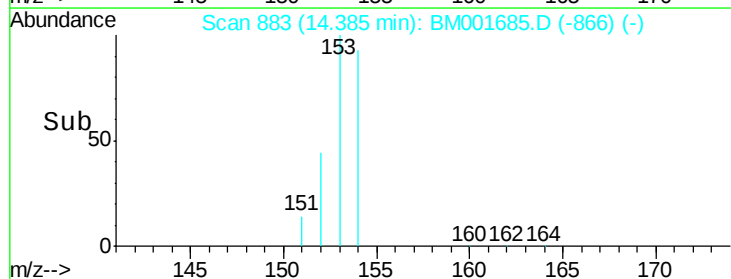
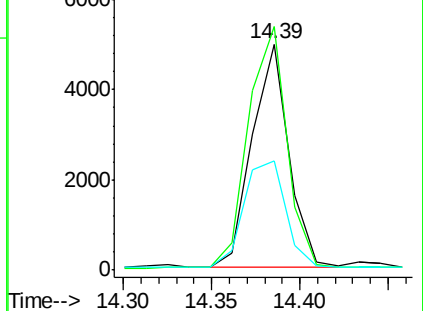
152 56.1 43.7 65.5

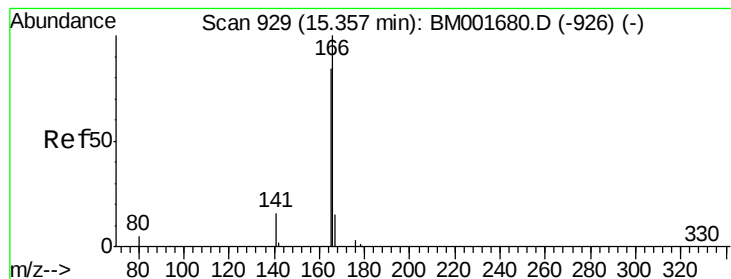


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 0.85 ng

RT: 15.36 min Scan# 929

Delta R.T. 0.00 min

Lab File: BM001685.D

Acq: 13 Jun 2015 00:34

Instrument :

BNA_M

ClientSampleId :

ICVBM061315

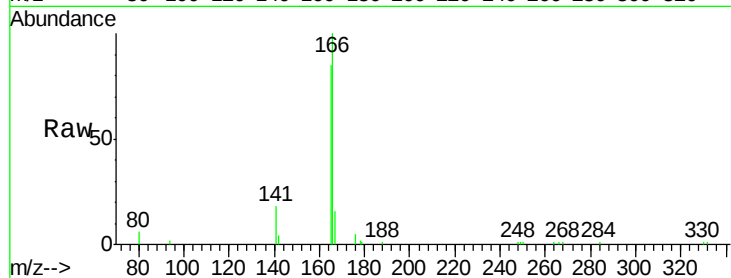
Tgt Ion:166 Resp: 9695

Ion Ratio Lower Upper

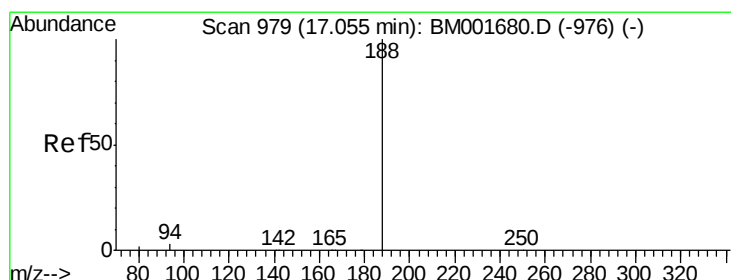
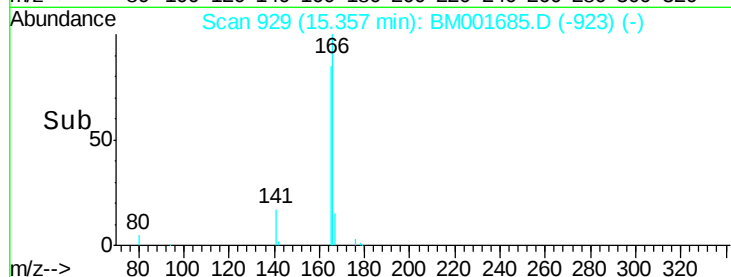
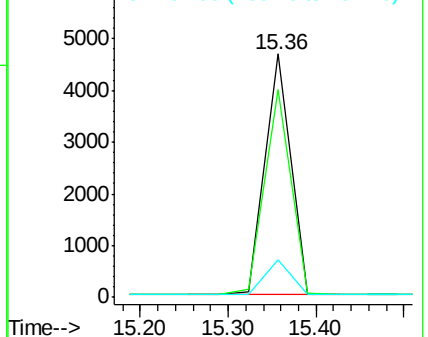
166 100

165 86.5 68.5 102.7

167 14.6 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: BM001685.D

Acq: 13 Jun 2015 00:34

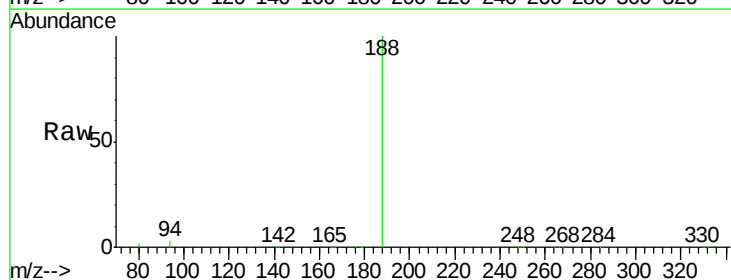
Tgt Ion:188 Resp: 81404

Ion Ratio Lower Upper

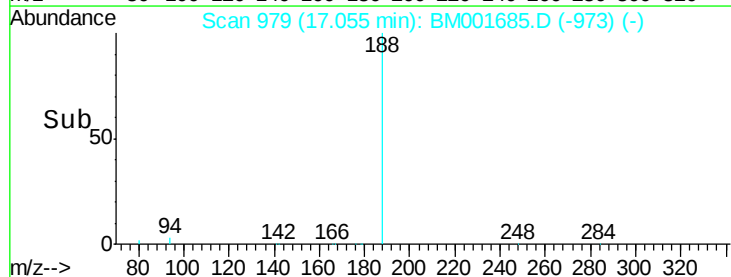
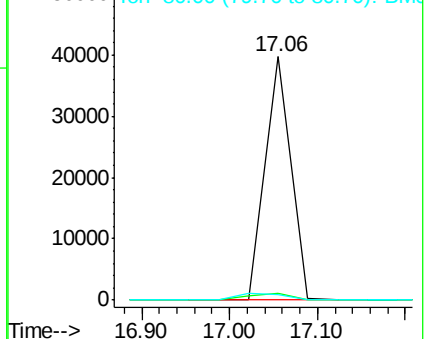
188 100

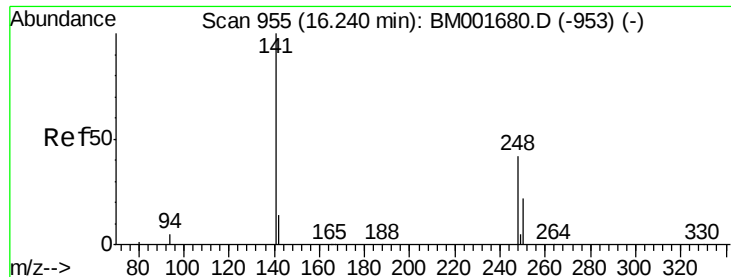
94 2.7 2.2 3.2

80 2.3 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

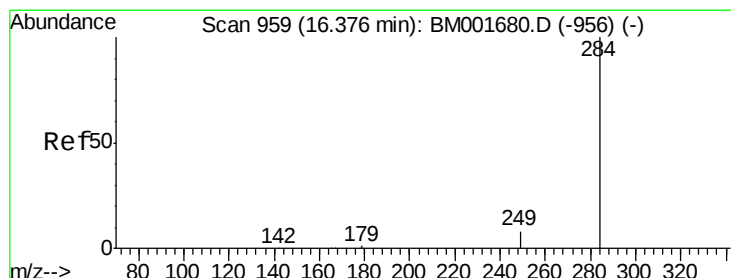
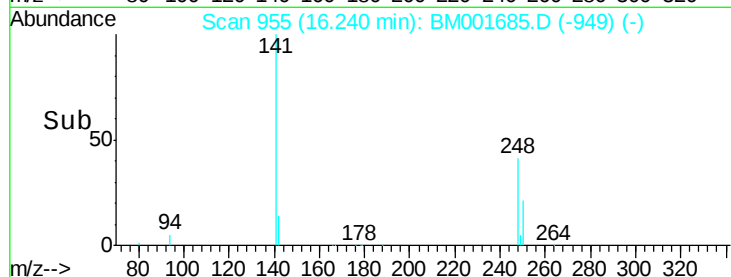
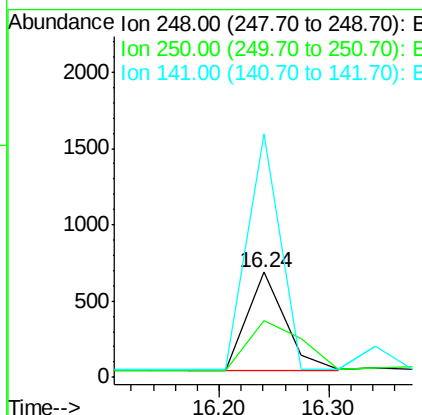
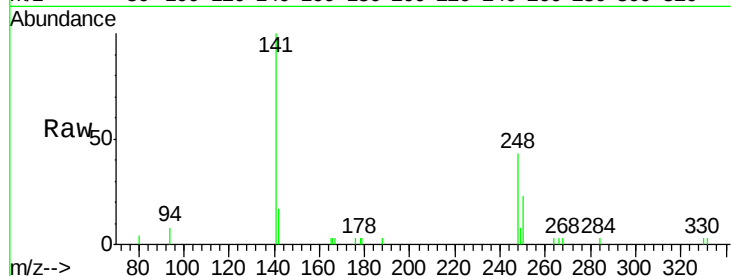




#19
4-Bromophenyl-phenylether
Concen: 0.98 ng
RT: 16.24 min Scan# 955
Delta R.T. 0.00 min
Lab File: BM001685.D
Acq: 13 Jun 2015 00:34

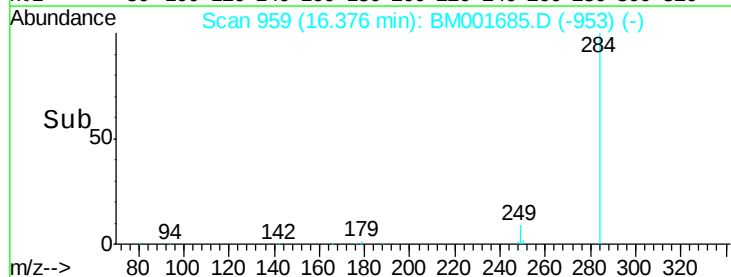
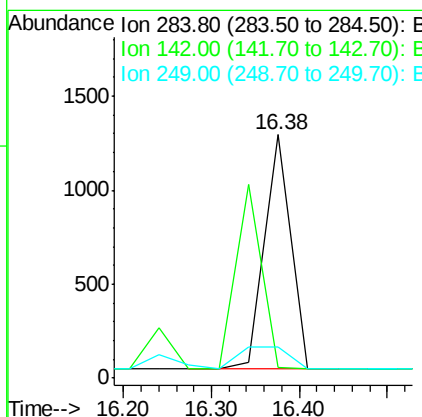
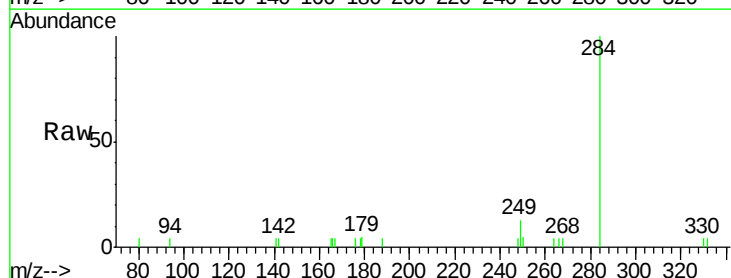
Instrument :
BNA_M
ClientSampleId :
ICVBM061315

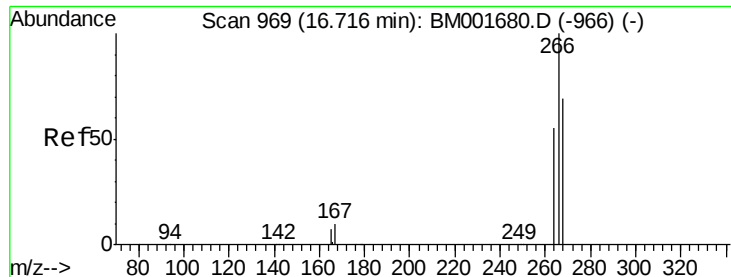
Tgt Ion:248 Resp: 1514
Ion Ratio Lower Upper
248 100
250 73.0 59.7 89.5
141 210.2 166.4 249.6



#20
Hexachlorobenzene
Concen: 0.90 ng
RT: 16.38 min Scan# 959
Delta R.T. 0.00 min
Lab File: BM001685.D
Acq: 13 Jun 2015 00:34

Tgt Ion:284 Resp: 2633
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 17.8 0.0 0.0#

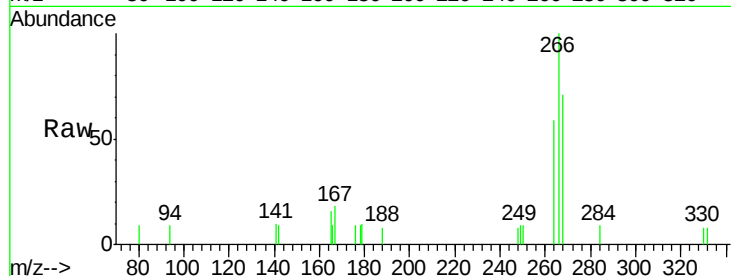




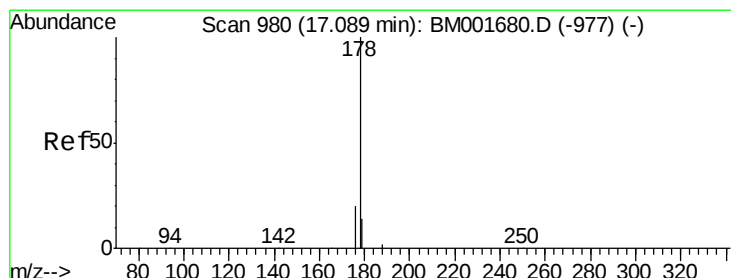
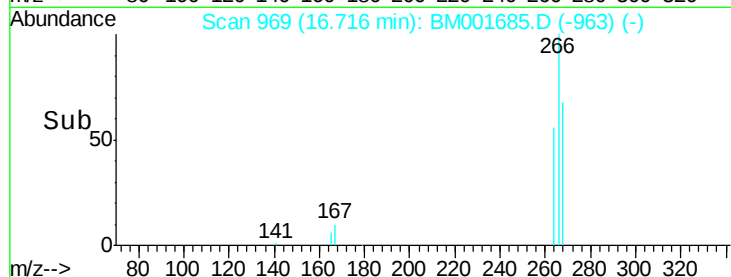
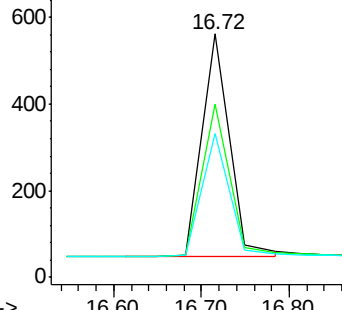
#21
 Pentachlorophenol
 Concen: 0.90 ng
 RT: 16.72 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BM001685.D
 Acq: 13 Jun 2015 00:34

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM061315

Tgt Ion: 266 Resp: 1141
 Ion Ratio Lower Upper
 266 100
 268 71.2 57.2 85.8
 264 59.1 46.3 69.5

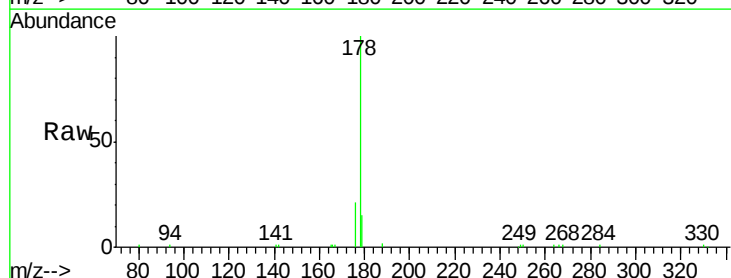


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

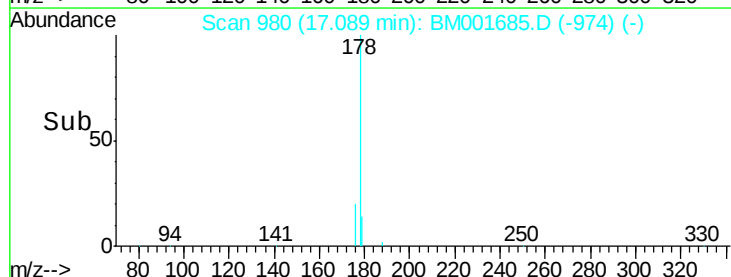
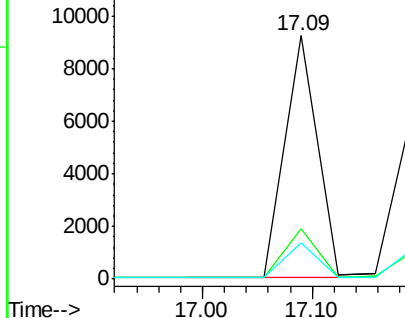


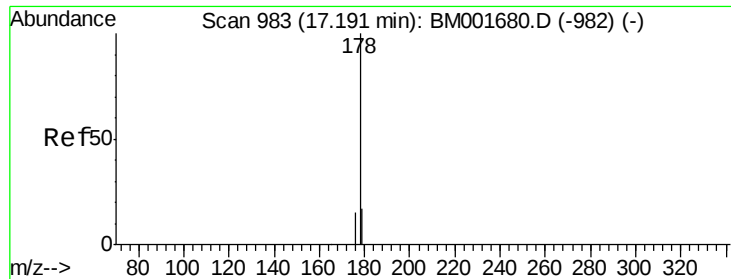
#22
 Phenanthrene
 Concen: 1.03 ng
 RT: 17.09 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BM001685.D
 Acq: 13 Jun 2015 00:34

Tgt Ion: 178 Resp: 18998
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.8 23.8
 179 14.7 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: 0.91 ng

RT: 17.19 min Scan# 983

Delta R.T. -0.00 min

Lab File: BM001685.D

Acq: 13 Jun 2015 00:34

Instrument :

BNA_M

ClientSampleId :

ICVBM061315

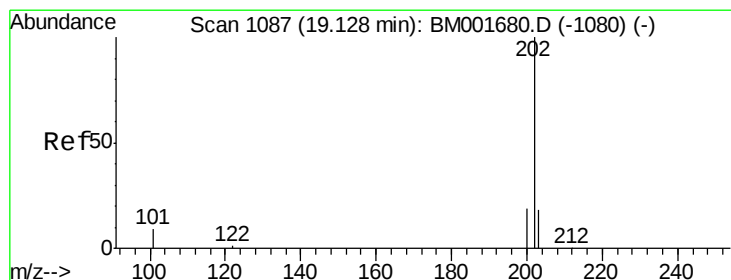
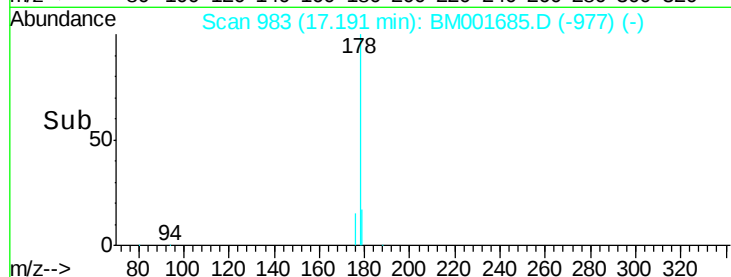
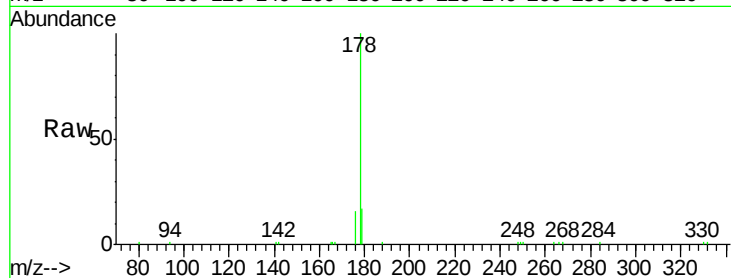
Tgt Ion:178 Resp: 13143

Ion Ratio Lower Upper

178 100

176 15.4 12.6 18.8

179 16.7 13.5 20.3



#24

Fluoranthene

Concen: 0.93 ng

RT: 19.13 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BM001685.D

Acq: 13 Jun 2015 00:34

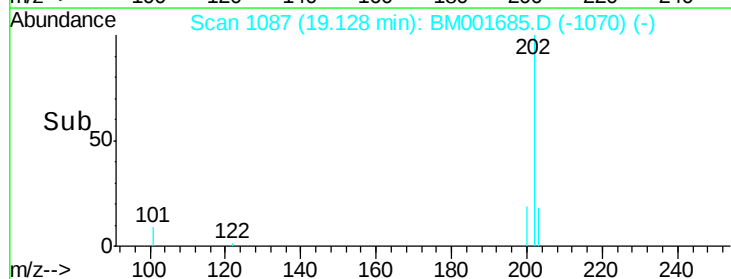
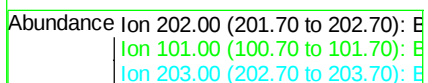
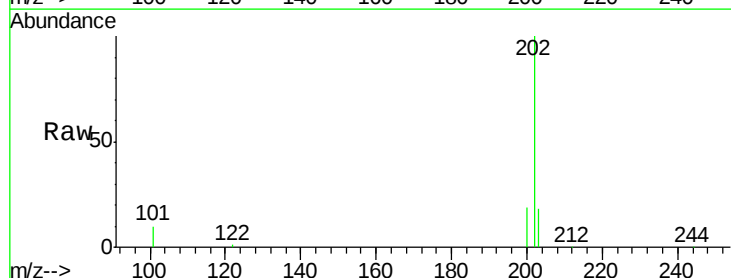
Tgt Ion:202 Resp: 13787

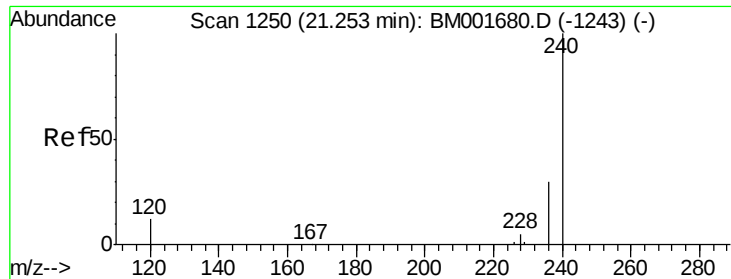
Ion Ratio Lower Upper

202 100

101 13.0 10.3 15.5

203 17.2 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: BM001685.D

Acq: 13 Jun 2015 00:34

Instrument :

BNA_M

ClientSampleId :

ICVBM061315

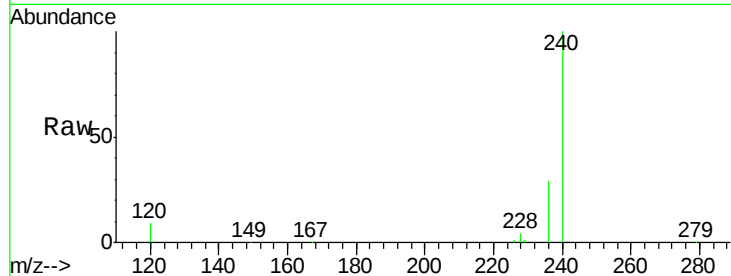
Tgt Ion:240 Resp: 46120

Ion Ratio Lower Upper

240 100

120 9.2 9.9 14.9#

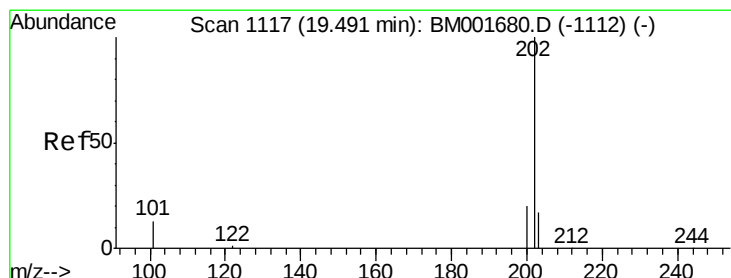
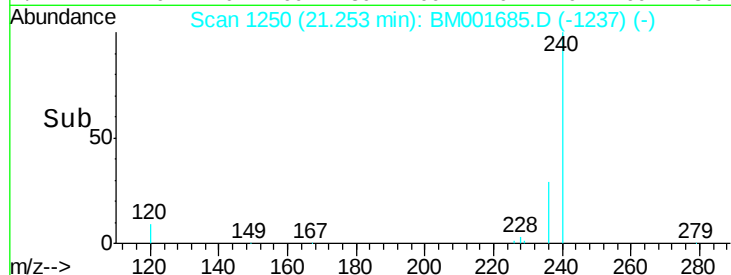
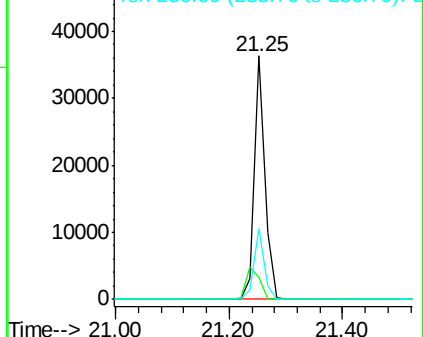
236 29.2 23.9 35.9



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: 0.93 ng

RT: 19.49 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BM001685.D

Acq: 13 Jun 2015 00:34

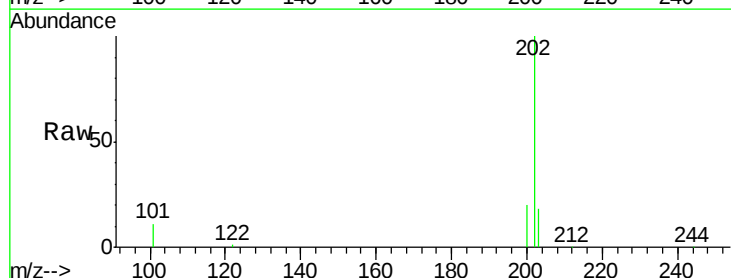
Tgt Ion:202 Resp: 14557

Ion Ratio Lower Upper

202 100

200 20.6 16.8 25.2

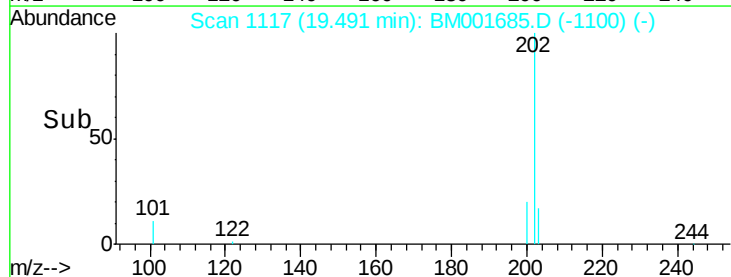
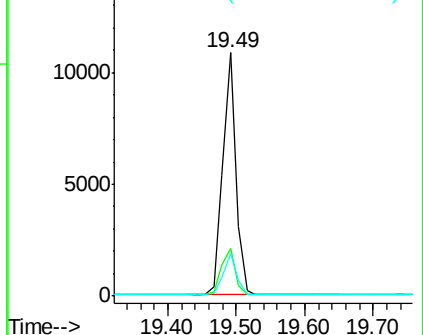
203 17.2 13.6 20.4

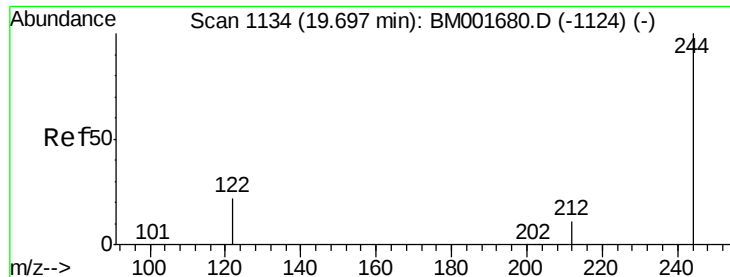


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

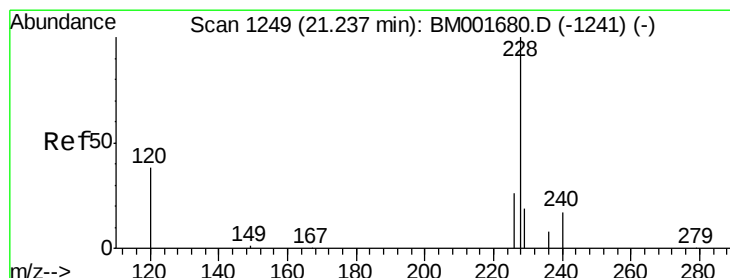
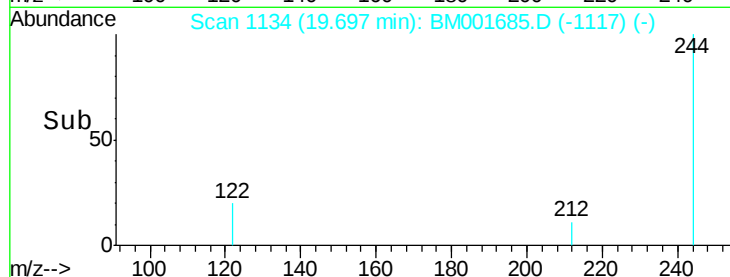
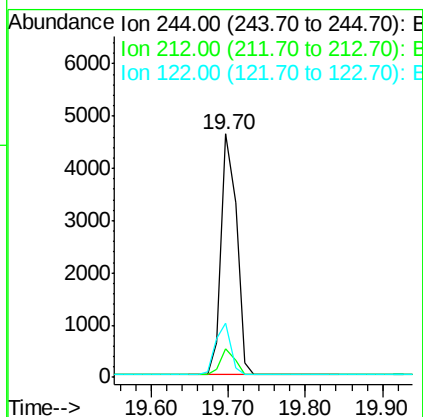
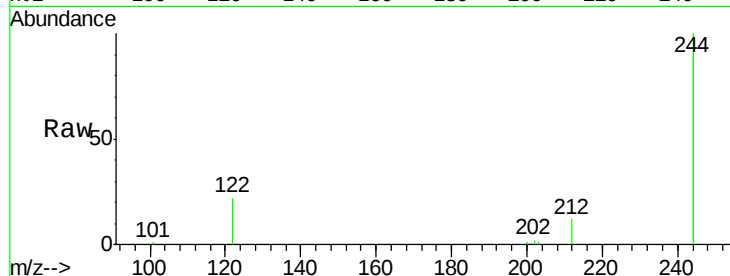




#27
 Terphenyl-d14
 Concen: 0.93 ng
 RT: 19.70 min Scan# 1134
 Delta R.T. -0.00 min
 Lab File: BM001685.D
 Acq: 13 Jun 2015 00:34

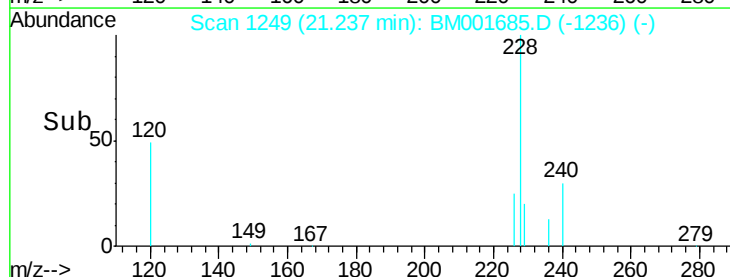
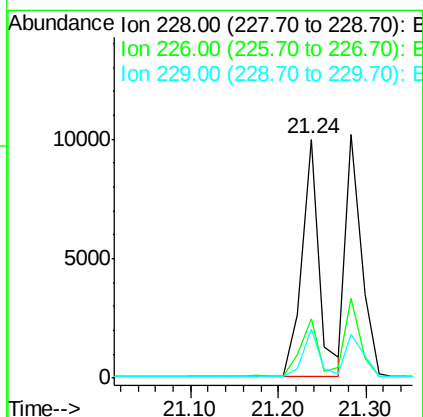
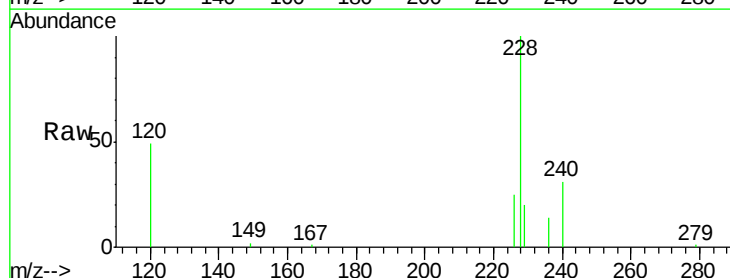
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM061315

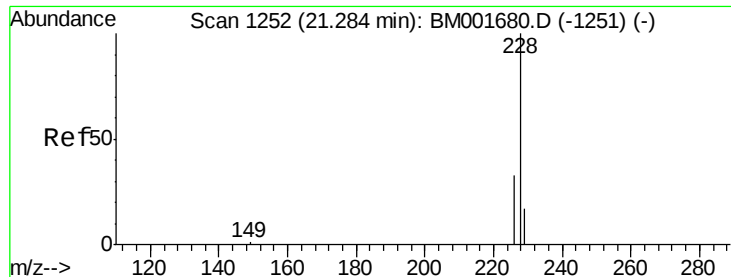
Tgt Ion: 244 Resp: 6429
 Ion Ratio Lower Upper
 244 100
 212 11.9 9.6 14.4
 122 22.4 18.4 27.6



#28
 Benzo(a)anthracene
 Concen: 0.93 ng
 RT: 21.24 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: BM001685.D
 Acq: 13 Jun 2015 00:34

Tgt Ion: 228 Resp: 13599
 Ion Ratio Lower Upper
 228 100
 226 25.0 21.0 31.4
 229 20.4 15.8 23.8





#29

Chrysene

Concen: 0.94 ng

RT: 21.28 min Scan# 1252

Delta R.T. -0.00 min

Lab File: BM001685.D

Acq: 13 Jun 2015 00:34

Instrument :

BNA_M

ClientSampleId :

ICVBM061315

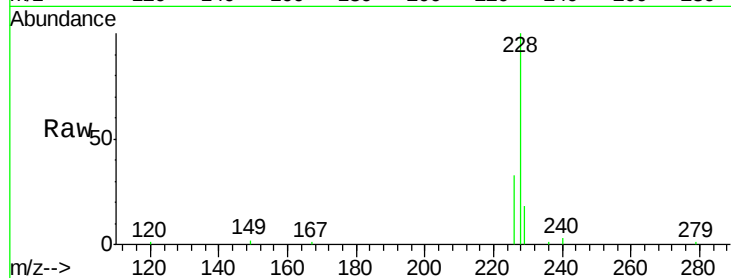
Tgt Ion:228 Resp: 12765

Ion Ratio Lower Upper

228 100

226 32.7 27.4 41.0

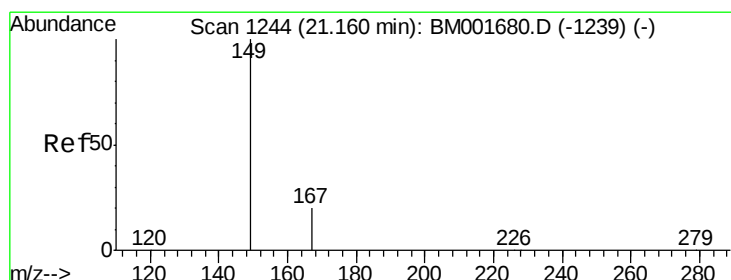
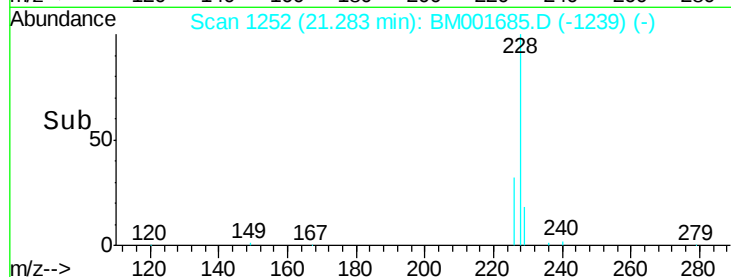
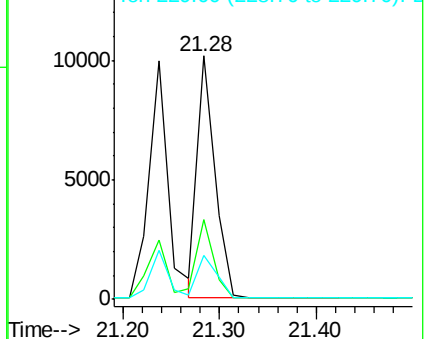
229 18.1 13.7 20.5



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: 0.92 ng

RT: 21.16 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BM001685.D

Acq: 13 Jun 2015 00:34

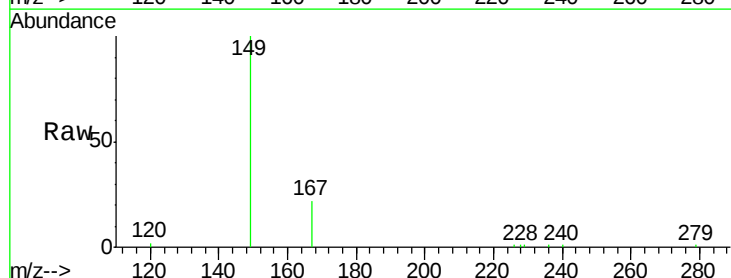
Tgt Ion:149 Resp: 6811

Ion Ratio Lower Upper

149 100

167 25.6 20.4 30.6

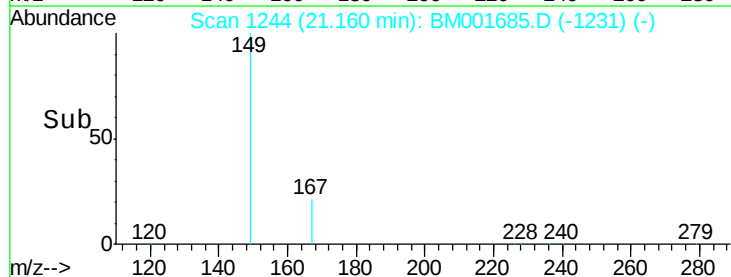
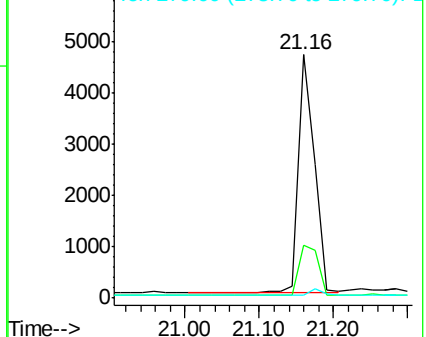
279 2.2 1.7 2.5

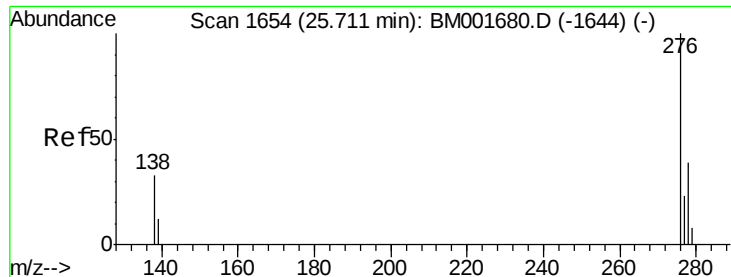


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.94 ng

RT: 25.71 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BM001685.D

Acq: 13 Jun 2015 00:34

Instrument :

BNA_M

ClientSampleId :

ICVBM061315

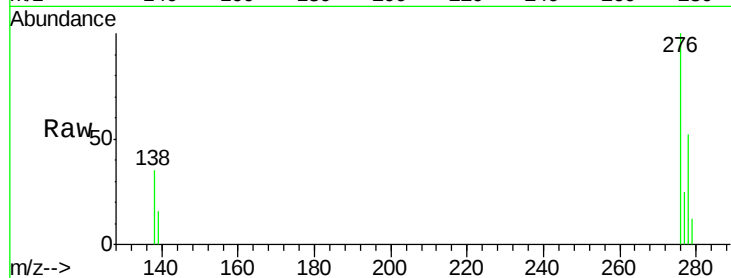
Tgt Ion:276 Resp: 13411

Ion Ratio Lower Upper

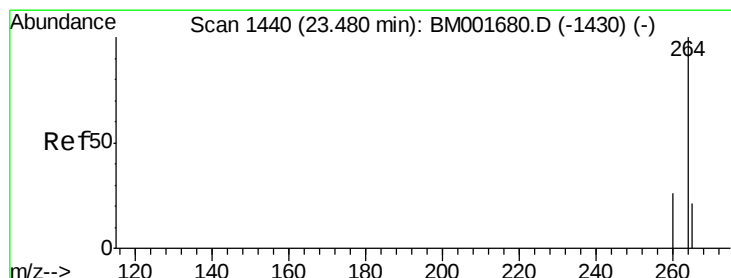
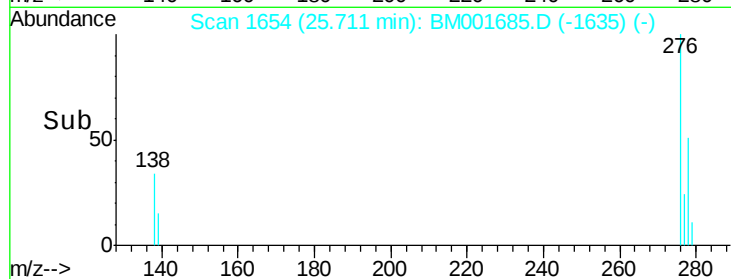
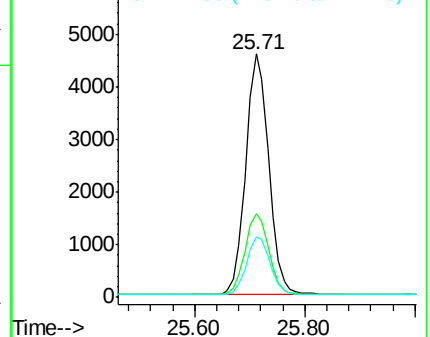
276 100

138 34.7 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: BM001685.D

Acq: 13 Jun 2015 00:34

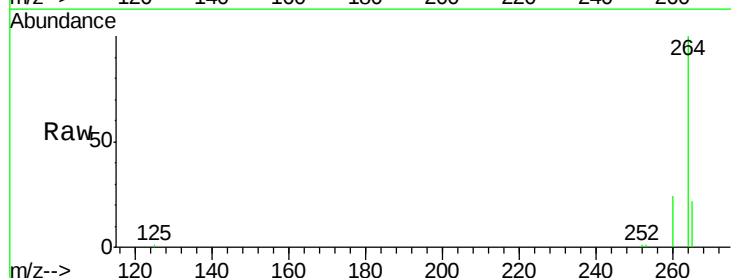
Tgt Ion:264 Resp: 41923

Ion Ratio Lower Upper

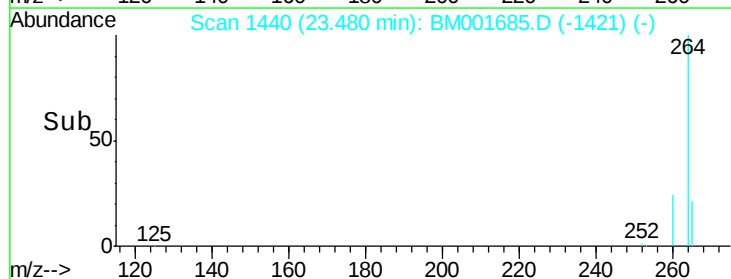
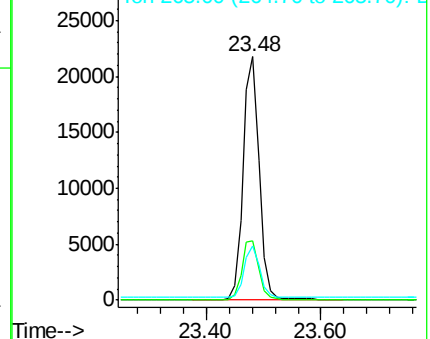
264 100

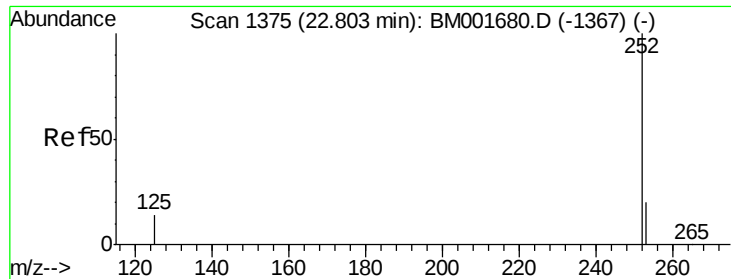
260 24.5 20.8 31.2

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: 0.93 ng

RT: 22.80 min Scan# 1375

Delta R.T. -0.00 min

Lab File: BM001685.D

Acq: 13 Jun 2015 00:34

Instrument :

BNA_M

ClientSampleId :

ICVBM061315

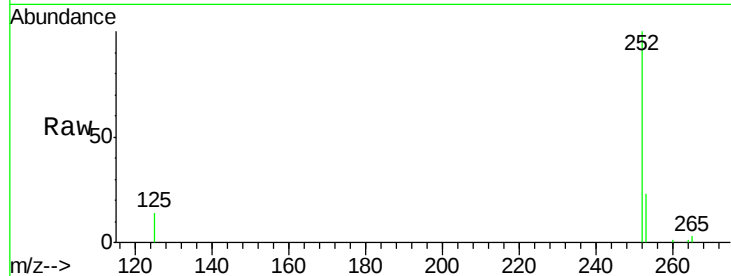
Tgt Ion:252 Resp: 12222

Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.0

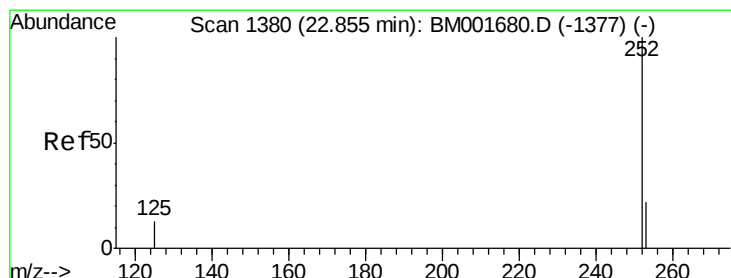
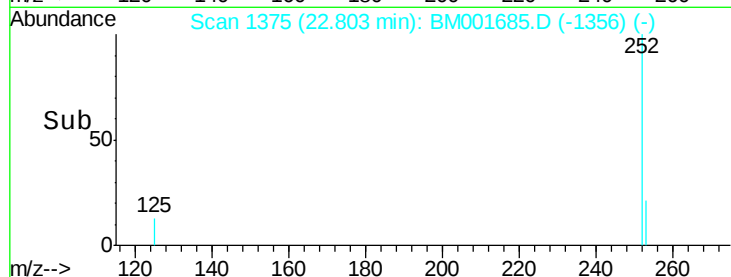
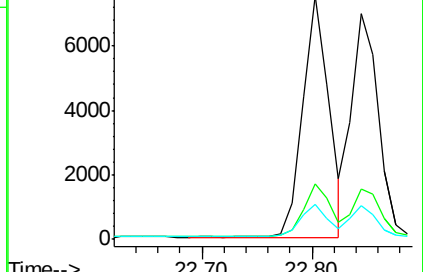
125 14.2 12.3 18.5



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: 0.95 ng

RT: 22.84 min Scan# 1379

Delta R.T. -0.01 min

Lab File: BM001685.D

Acq: 13 Jun 2015 00:34

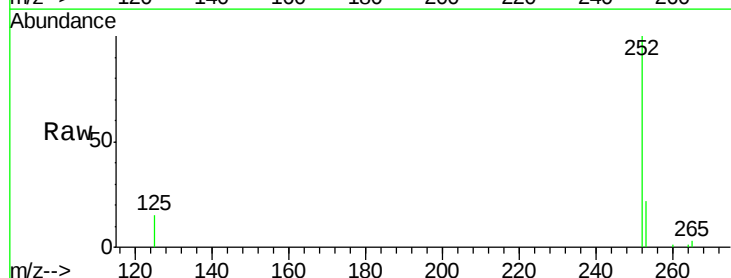
Tgt Ion:252 Resp: 11789

Ion Ratio Lower Upper

252 100

253 22.1 19.4 29.0

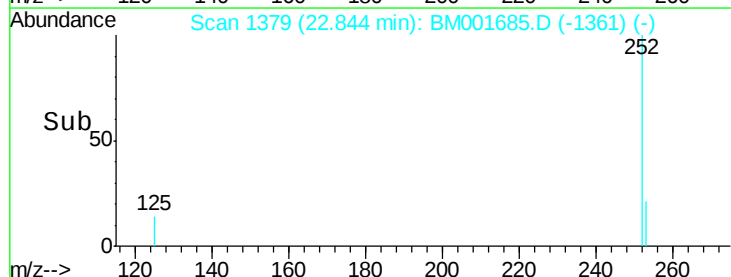
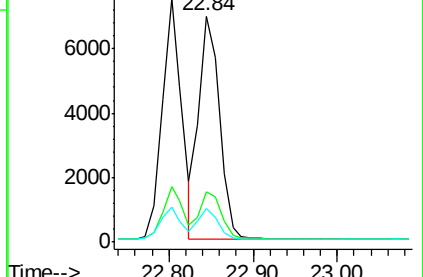
125 14.7 11.0 16.4

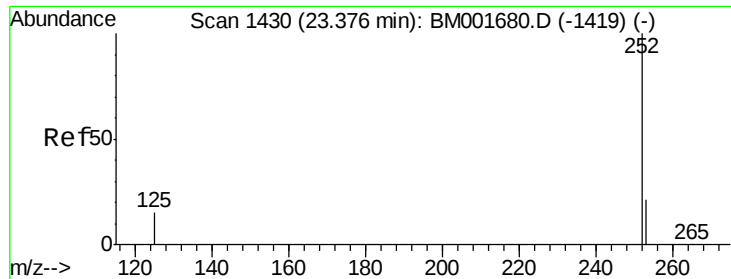


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 0.93 ng

RT: 23.38 min Scan# 1430

Delta R.T. -0.00 min

Lab File: BM001685.D

Acq: 13 Jun 2015 00:34

Instrument :

BNA_M

ClientSampleId :

ICVBM061315

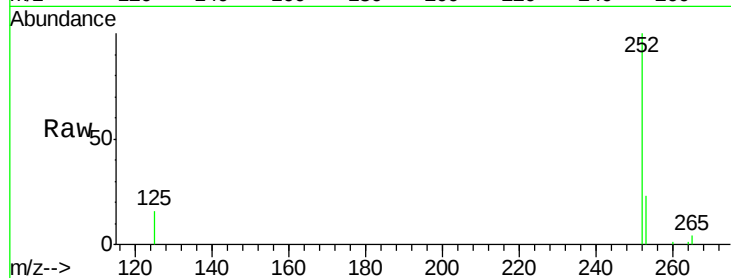
Tgt Ion:252 Resp: 10709

Ion Ratio Lower Upper

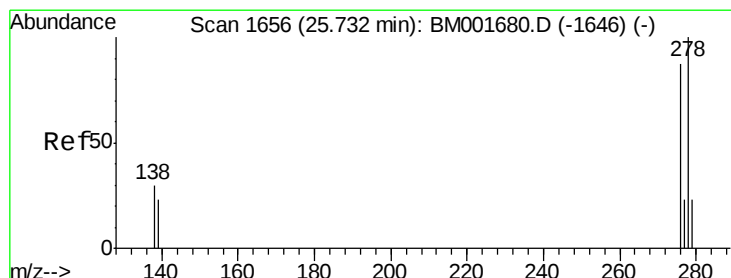
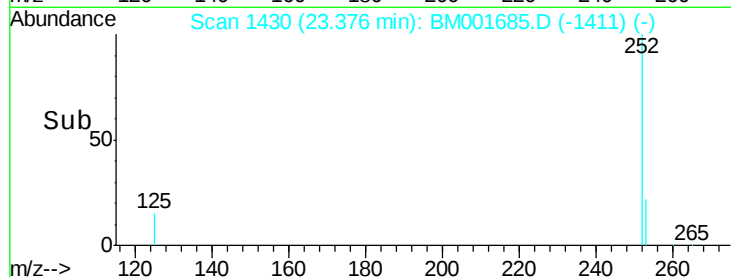
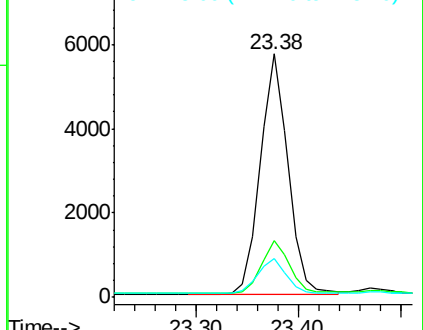
252 100

253 23.2 17.8 26.8

125 16.1 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: 0.95 ng

RT: 25.73 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BM001685.D

Acq: 13 Jun 2015 00:34

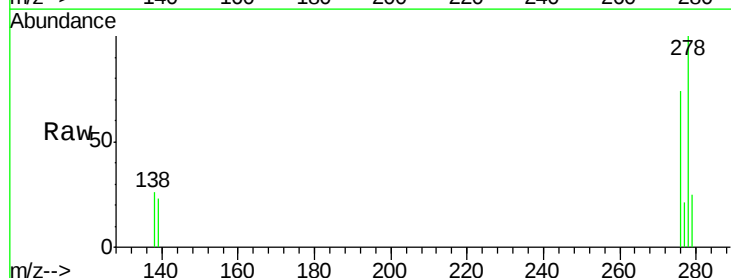
Tgt Ion:278 Resp: 10750

Ion Ratio Lower Upper

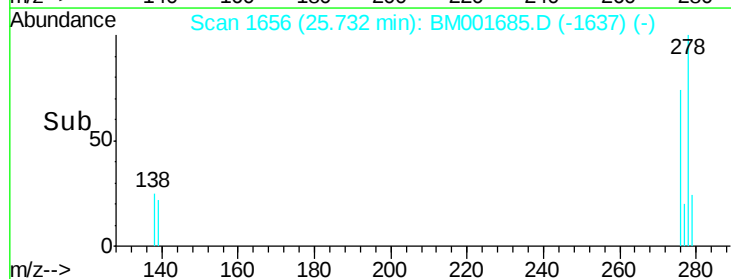
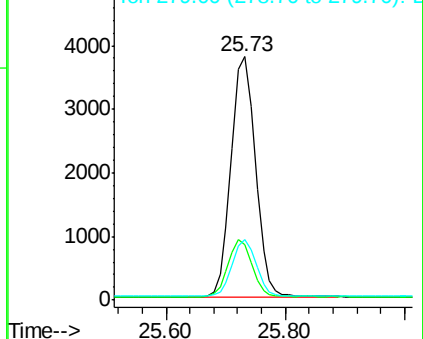
278 100

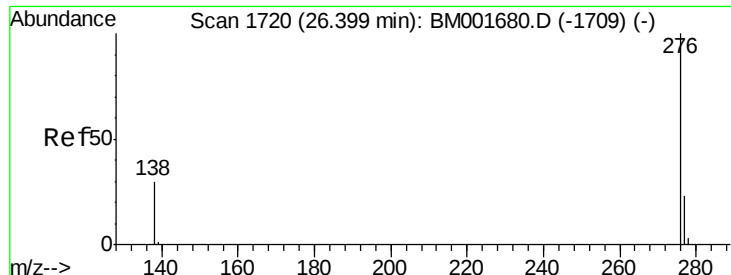
139 23.0 19.4 29.0

279 25.0 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: 0.94 ng

RT: 26.40 min Scan# 1720

Delta R.T. -0.00 min

Lab File: BM001685.D

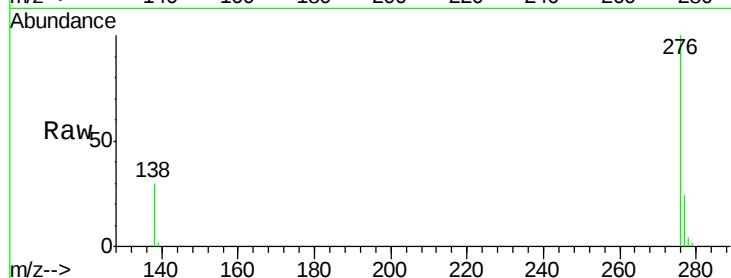
Acq: 13 Jun 2015 00:34

Instrument :

BNA_M

ClientSampleId :

ICVBM061315



Tgt Ion: 276 Resp: 11262

Ion Ratio Lower Upper

276 100

277 24.3 19.0 28.4

138 30.1 25.0 37.6

