

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061915\
 Data File : BM001748.D
 Acq On : 18 Jun 2015 21:59
 Operator : TP/IZ
 Sample : SSTDICV001
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM061915

Quant Time: Jun 19 05:11:29 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM061915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 05:05:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	18064	5.00	ng	0.00
6) Naphthalene-d8	10.46	136	65521	5.00	ng	0.00
12) Acenaphthene-d10	14.31	164	32014	5.00	ng	-0.01
18) Phenanthrene-d10	17.06	188	79219	5.00	ng	0.00
25) Chrysene-d12	21.25	240	53508	5.00	ng	0.00
32) Perylene-d12	23.47	264	47775	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	3984	0.94	ng	0.00
5) Phenol-d6	6.83	99	5049	0.93	ng	0.00
7) Nitrobenzene-d5	8.83	82	4753	0.93	ng	0.00
13) 2,4,6-Tribromophenol	15.80	330	972	0.97	ng	0.00
14) 2-Fluorobiphenyl	12.94	172	10772	0.94	ng	0.00
27) Terphenyl-d14	19.70	244	7453	0.95	ng	0.00

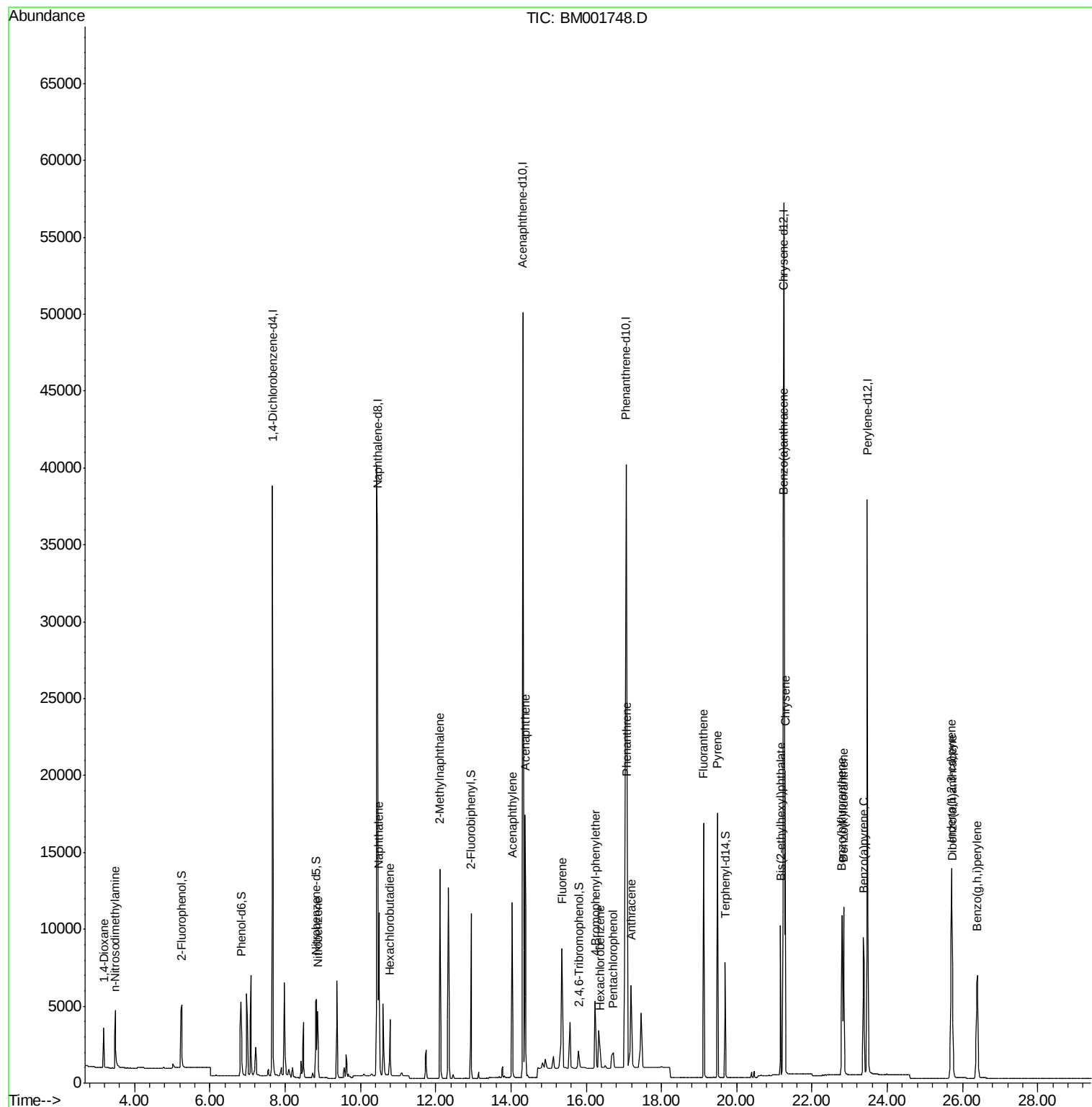
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	2004	0.97	ng	99
3) n-Nitrosodimethylamine	3.48	42	3120	0.98	ng	96
8) Nitrobenzene	8.87	77	5153	0.94	ng	100
9) Naphthalene	10.49	128	15092	0.94	ng	100
10) Hexachlorobutadiene	10.78	225	2559	0.95	ng	99
11) 2-Methylnaphthalene	12.12	142	9682	0.95	ng	99
15) Acenaphthylene	14.03	152	14240	0.94	ng	100
16) Acenaphthene	14.37	154	8952	0.94	ng	99
17) Fluorene	15.36	166	8120	0.99	ng	98
19) 4-Bromophenyl-phenylether	16.24	248	3292	1.01	ng	91
20) Hexachlorobenzene	16.38	284	2075	0.93	ng	# 100
21) Pentachlorophenol	16.72	266	927	0.93	ng	98
22) Phenanthrene	17.09	178	24543	0.90	ng	98
23) Anthracene	17.19	178	8284	0.72	ng	# 94
24) Fluoranthene	19.12	202	16482	0.96	ng	100
26) Pyrene	19.48	202	17343	0.93	ng	100
28) Benzo(a)anthracene	21.24	228	15083	0.94	ng	98
29) Chrysene	21.28	228	16332	0.96	ng	98
30) Bis(2-ethylhexyl)phthalate	21.16	149	8592	0.92	ng	100
31) Indeno(1,2,3-cd)pyrene	25.70	276	15271	0.94	ng	100
33) Benzo(b)fluoranthene	22.79	252	15275	0.97	ng	95
34) Benzo(k)fluoranthene	22.84	252	12684	0.90	ng	99
35) Benzo(a)pyrene	23.37	252	12417	0.94	ng	98
36) Dibenzo(a,h)anthracene	25.72	278	12289	0.94	ng	99
37) Benzo(g,h,i)perylene	26.39	276	12905	0.94	ng	99

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

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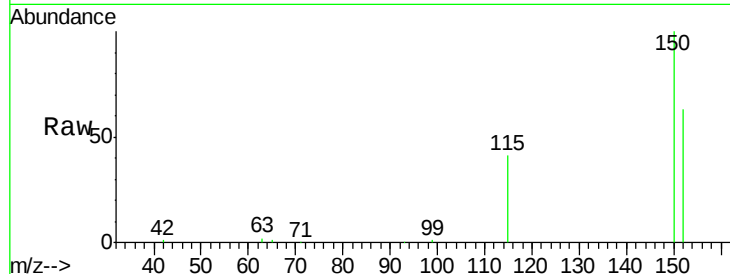




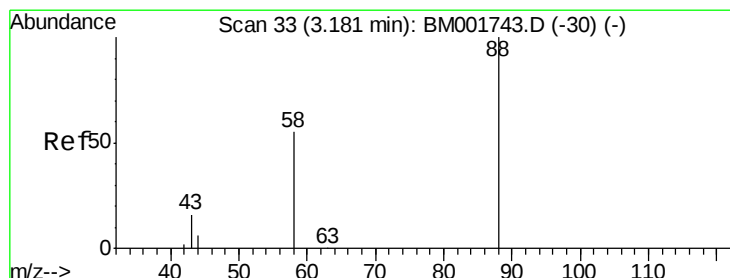
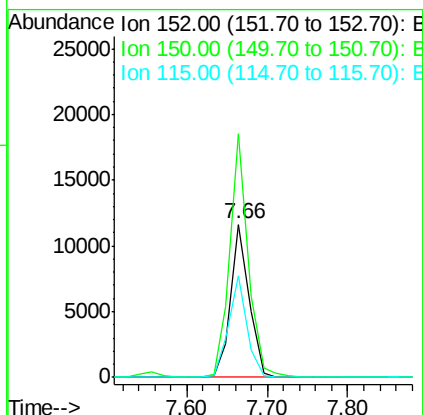
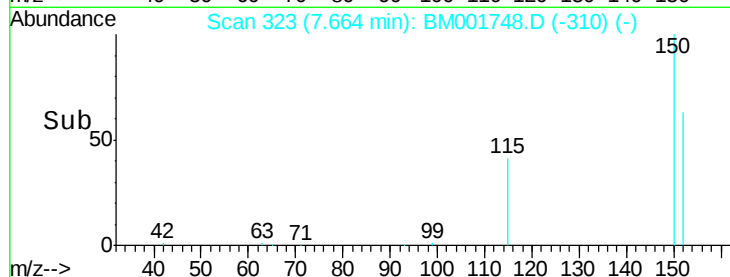
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.66 min Scan# 323
 Delta R.T. 0.00 min
 Lab File: BM001748.D
 Acq: 18 Jun 2015 21:59

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM061915

Tgt Ion: 152 Resp: 18064
 Ion Ratio Lower Upper
 152 100
 150 159.4 127.5 191.3
 115 66.1 53.2 79.8

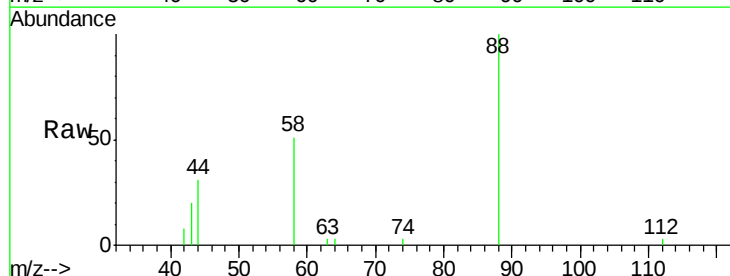


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

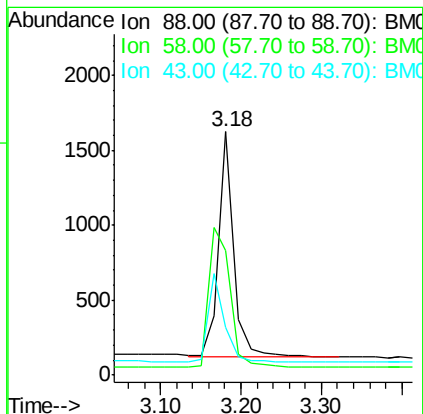
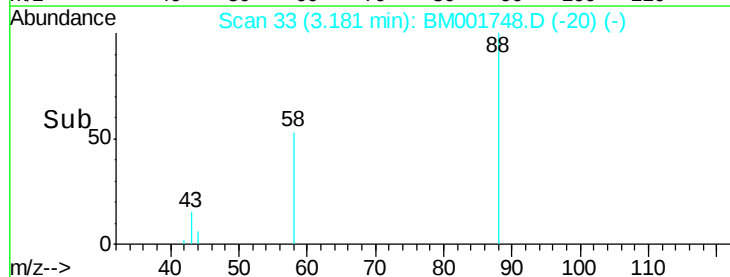


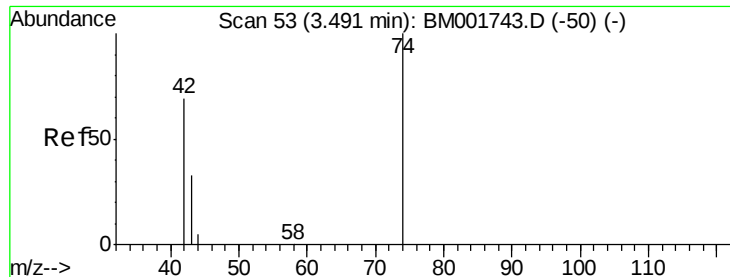
#2
 1,4-Dioxane
 Concen: 0.97 ng
 RT: 3.18 min Scan# 33
 Delta R.T. 0.00 min
 Lab File: BM001748.D
 Acq: 18 Jun 2015 21:59

Tgt Ion: 88 Resp: 2004
 Ion Ratio Lower Upper
 88 100
 58 86.2 68.3 102.5
 43 41.8 32.6 48.8



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: 0.98 ng

RT: 3.48 min Scan# 52

Delta R.T. -0.02 min

Lab File: BM001748.D

Acq: 18 Jun 2015 21:59

Instrument :

BNA_M

ClientSampleId :

ICVBM061915

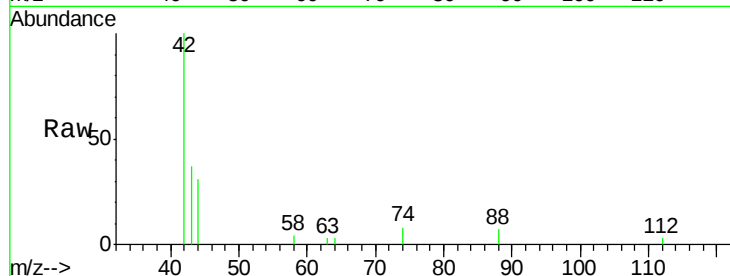
Tgt Ion: 42 Resp: 3120

Ion Ratio Lower Upper

42 100

74 93.8 78.6 118.0

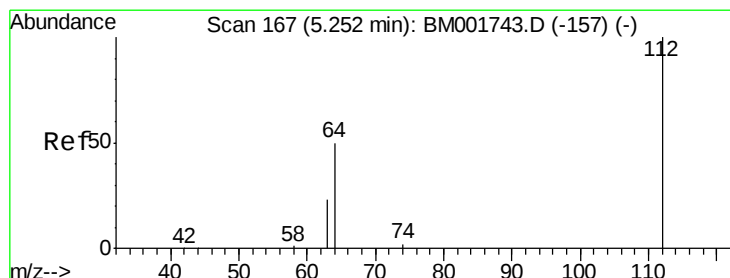
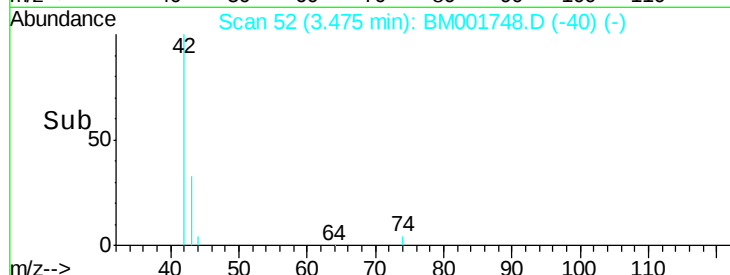
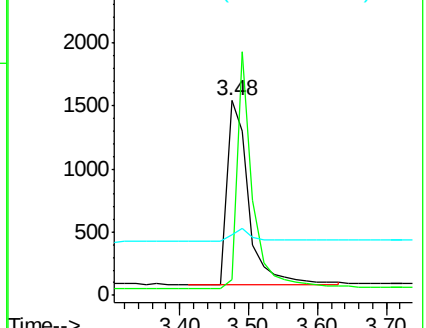
44 6.5 5.0 7.6



Abundance Ion 42.00 (41.70 to 42.70): BM001743.D (-50) (-)

Ion 74.00 (73.70 to 74.70): BM001743.D (-50) (-)

Ion 44.00 (43.70 to 44.70): BM001743.D (-50) (-)



#4

2-Fluorophenol

Concen: 0.94 ng

RT: 5.25 min Scan# 167

Delta R.T. 0.00 min

Lab File: BM001748.D

Acq: 18 Jun 2015 21:59

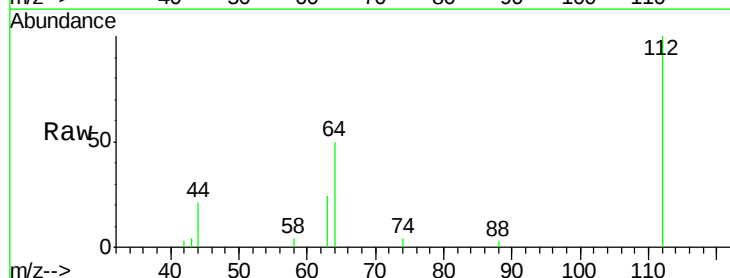
Tgt Ion: 112 Resp: 3984

Ion Ratio Lower Upper

112 100

64 69.8 55.6 83.4

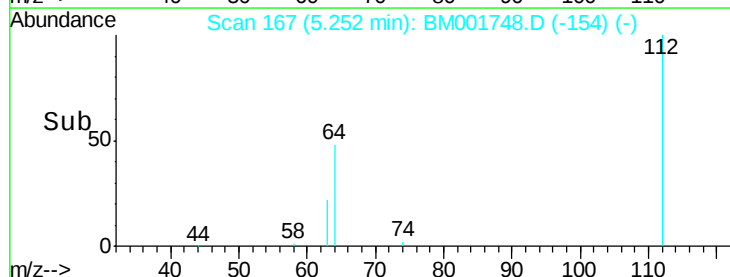
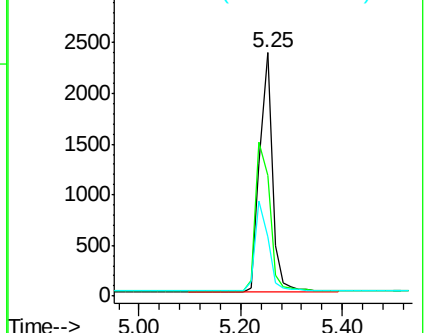
63 38.7 30.2 45.2

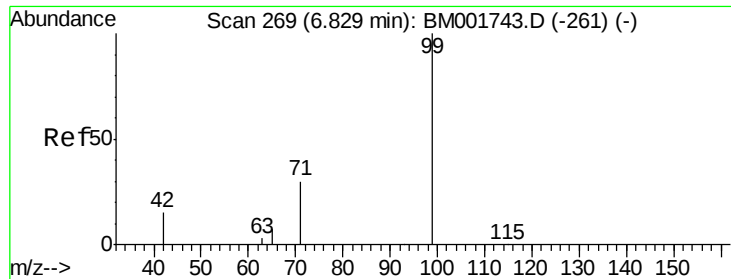


Abundance Ion 112.00 (111.70 to 112.70): BM001743.D (-157) (-)

Ion 64.00 (63.70 to 64.70): BM001743.D (-157) (-)

Ion 63.00 (62.70 to 63.70): BM001743.D (-157) (-)





#5

Phenol-d6

Concen: 0.93 ng

RT: 6.83 min Scan# 269

Delta R.T. 0.00 min

Lab File: BM001748.D

Acq: 18 Jun 2015 21:59

Instrument :

BNA_M

ClientSampleId :

ICVBM061915

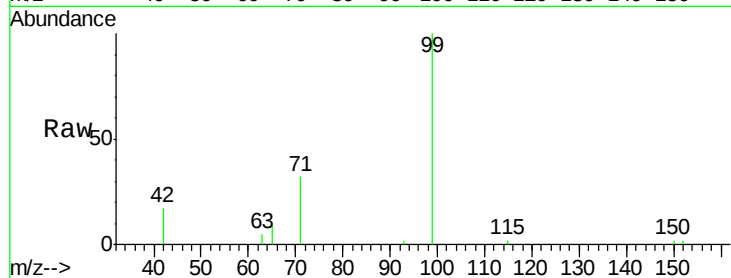
Tgt Ion: 99 Resp: 5049

Ion Ratio Lower Upper

99 100

42 27.6 21.4 32.0

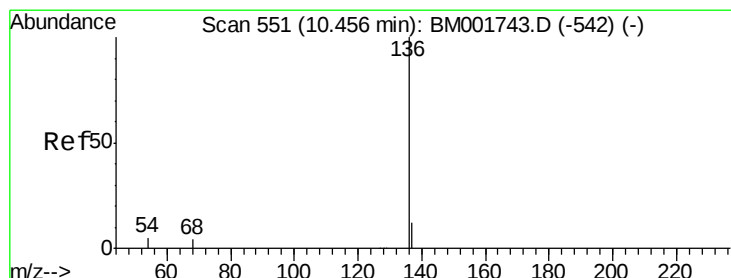
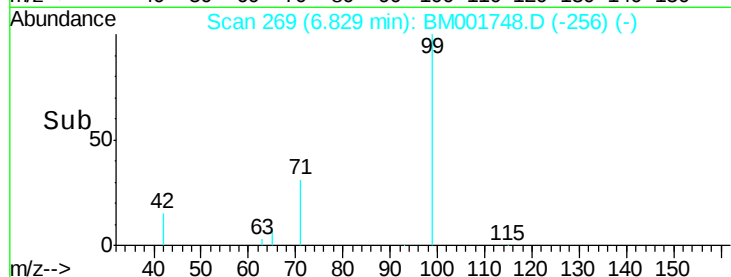
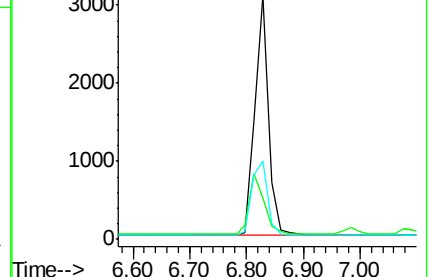
71 36.4 28.3 42.5



Abundance Ion 99.00 (98.70 to 99.70): BM001748.D (-261) (-)

Ion 42.00 (41.70 to 42.70): BM001748.D (-261) (-)

Ion 71.00 (70.70 to 71.70): BM001748.D (-261) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.46 min Scan# 551

Delta R.T. 0.00 min

Lab File: BM001748.D

Acq: 18 Jun 2015 21:59

Tgt Ion: 136 Resp: 65521

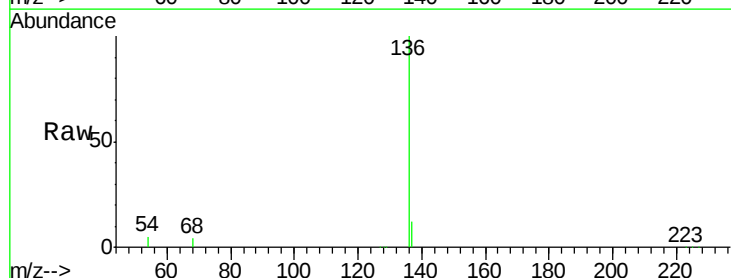
Ion Ratio Lower Upper

136 100

137 11.8 9.4 14.0

54 5.4 4.4 6.6

68 3.7 3.1 4.7

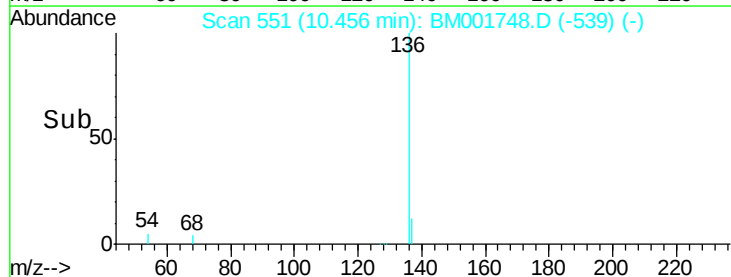
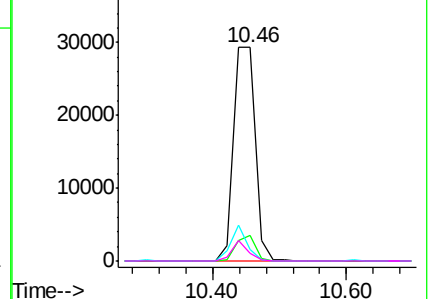


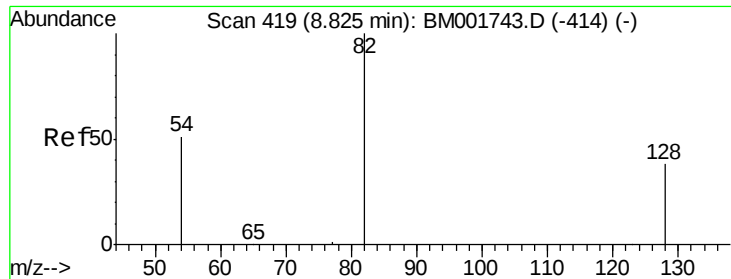
Abundance Ion 136.00 (135.70 to 136.70): BM001748.D (-542) (-)

Ion 137.00 (136.70 to 137.70): BM001748.D (-542) (-)

Ion 54.00 (53.70 to 54.70): BM001748.D (-542) (-)

Ion 68.00 (67.70 to 68.70): BM001748.D (-542) (-)





#7

Nitrobenzene-d5

Concen: 0.93 ng

RT: 8.83 min Scan# 419

Delta R.T. 0.00 min

Lab File: BM001748.D

Acq: 18 Jun 2015 21:59

Instrument :

BNA_M

ClientSampleId :

ICVBM061915

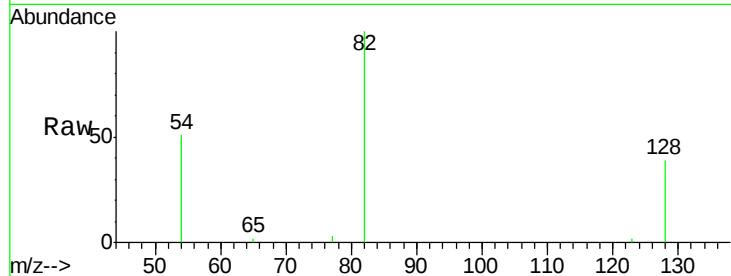
Tgt Ion: 82 Resp: 4753

Ion Ratio Lower Upper

82 100

128 39.3 31.3 46.9

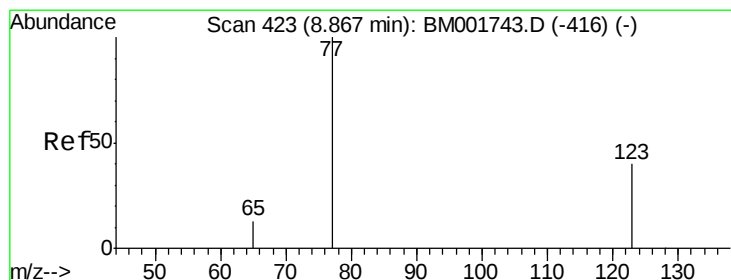
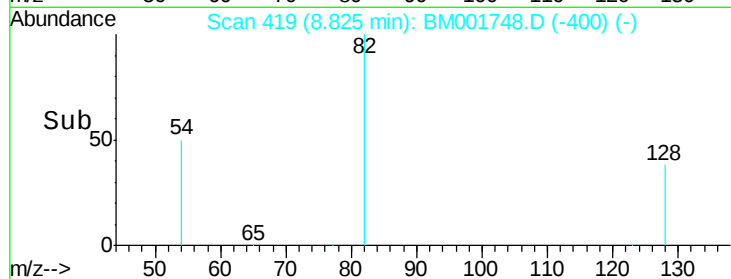
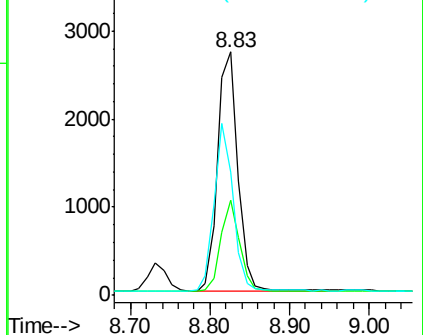
54 50.7 41.9 62.9



Abundance Ion 82.00 (81.70 to 82.70): BM001748.D (-414) (-)

Ion 128.00 (127.70 to 128.70): BM001748.D (-414) (-)

Ion 54.00 (53.70 to 54.70): BM001748.D (-414) (-)



#8

Nitrobenzene

Concen: 0.94 ng

RT: 8.87 min Scan# 423

Delta R.T. 0.00 min

Lab File: BM001748.D

Acq: 18 Jun 2015 21:59

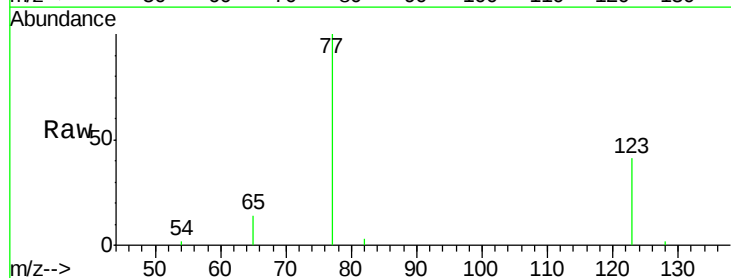
Tgt Ion: 77 Resp: 5153

Ion Ratio Lower Upper

77 100

123 37.4 30.1 45.1

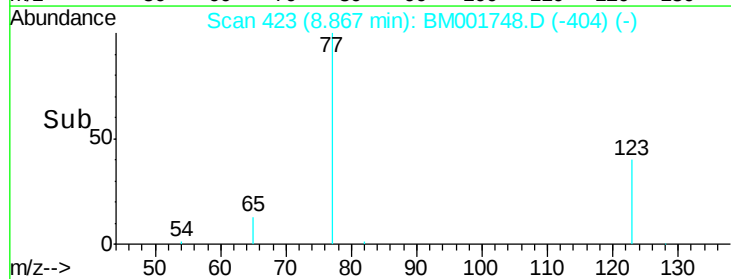
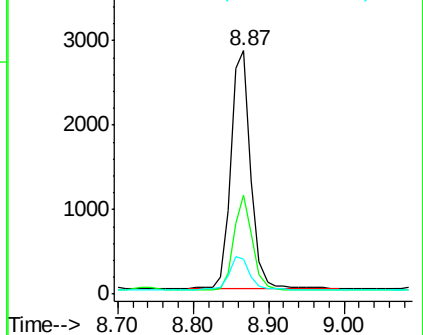
65 14.1 11.3 16.9

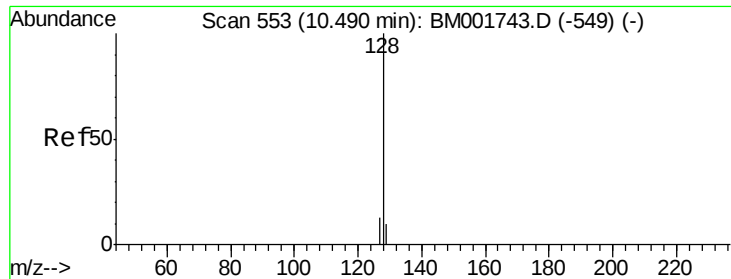


Abundance Ion 77.00 (76.70 to 77.70): BM001748.D (-404) (-)

Ion 123.00 (122.70 to 123.70): BM001748.D (-404) (-)

Ion 65.00 (64.70 to 65.70): BM001748.D (-404) (-)





#9

Naphthalene

Concen: 0.94 ng

RT: 10.49 min Scan# 553

Delta R.T. 0.00 min

Lab File: BM001748.D

Acq: 18 Jun 2015 21:59

Instrument :

BNA_M

ClientSampleId :

ICVBM061915

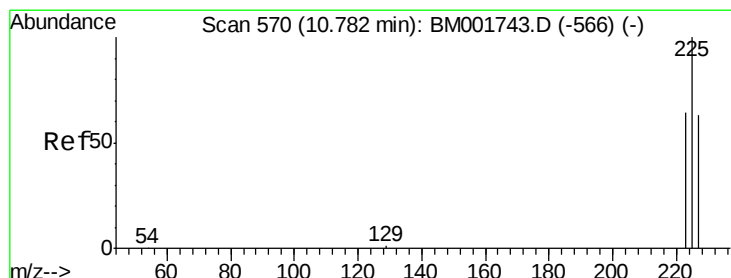
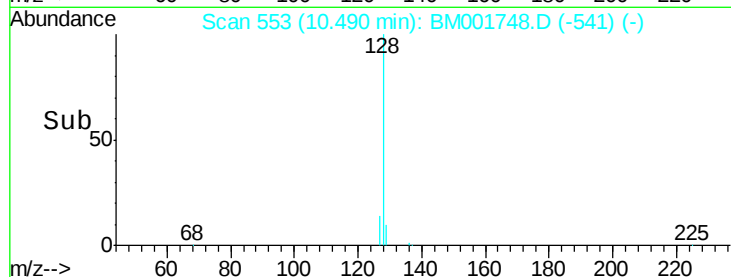
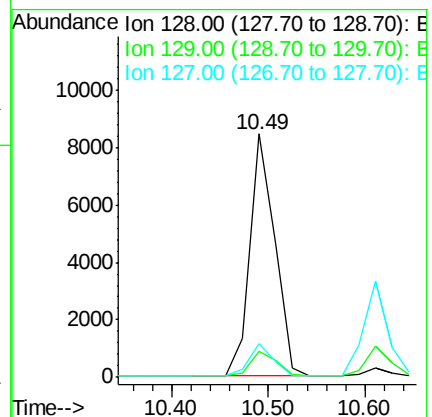
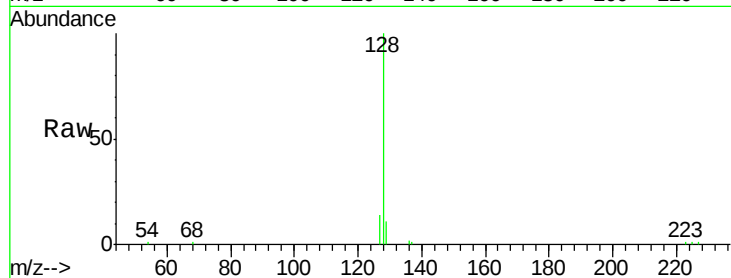
Tgt Ion:128 Resp: 15092

Ion Ratio Lower Upper

128 100

129 10.7 8.7 13.1

127 14.1 11.2 16.8



#10

Hexachlorobutadiene

Concen: 0.95 ng

RT: 10.78 min Scan# 570

Delta R.T. 0.00 min

Lab File: BM001748.D

Acq: 18 Jun 2015 21:59

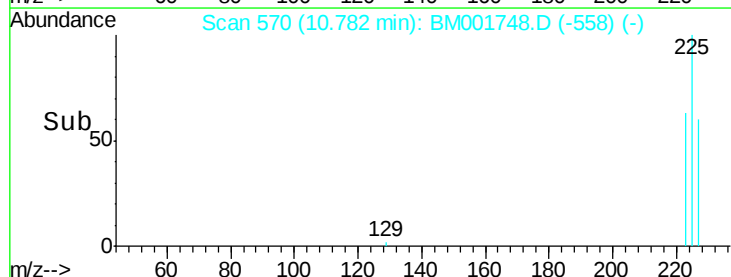
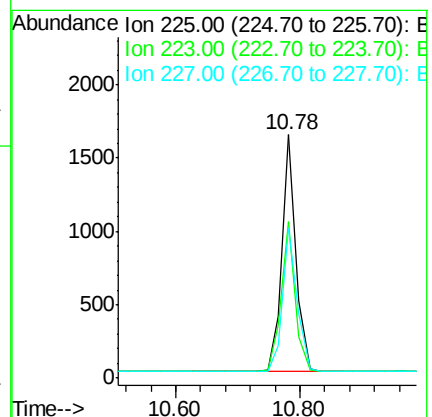
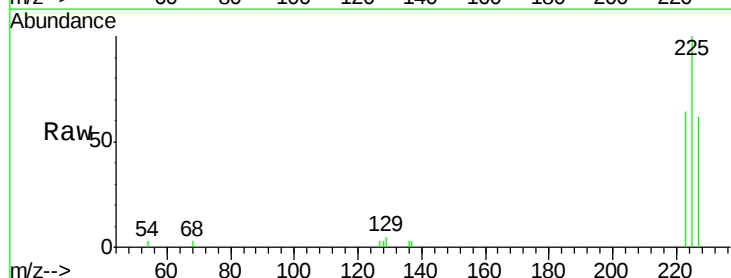
Tgt Ion:225 Resp: 2559

Ion Ratio Lower Upper

225 100

223 64.0 51.0 76.4

227 63.1 51.8 77.8





#11

2-Methylnaphthalene

Concen: 0.95 ng

RT: 12.12 min Scan# 678

Delta R.T. 0.00 min

Lab File: BM001748.D

Acq: 18 Jun 2015 21:59

Instrument :

BNA_M

ClientSampleId :

ICVBM061915

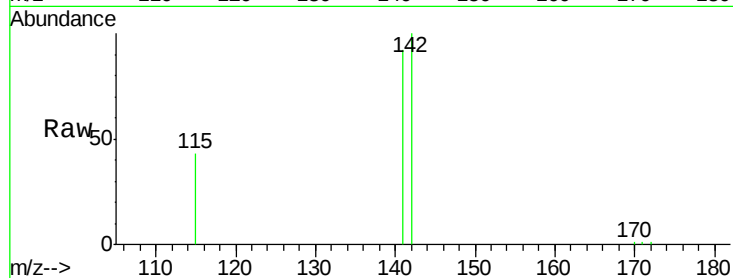
Tgt Ion:142 Resp: 9682

Ion Ratio Lower Upper

142 100

141 92.4 73.6 110.4

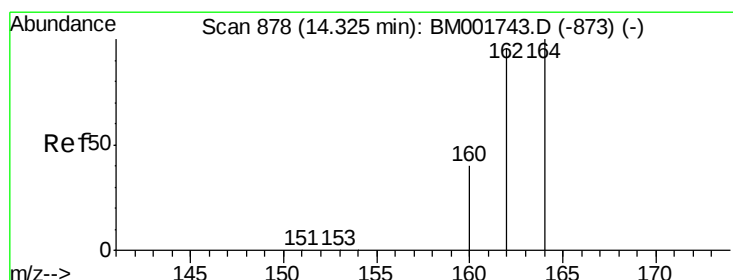
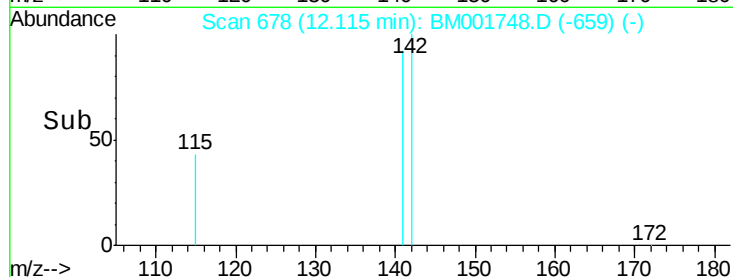
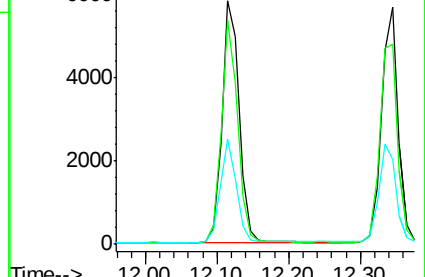
115 43.3 34.1 51.1



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: 14.31 min Scan# 877

Delta R.T. -0.01 min

Lab File: BM001748.D

Acq: 18 Jun 2015 21:59

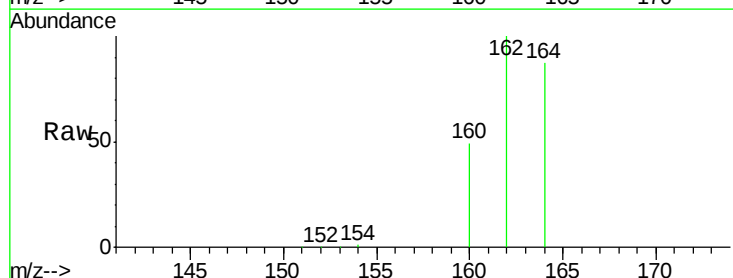
Tgt Ion:164 Resp: 32014

Ion Ratio Lower Upper

164 100

162 114.8 76.6 114.8

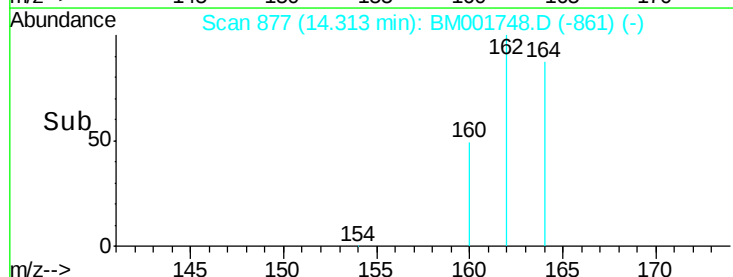
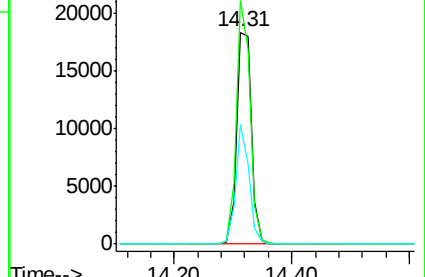
160 56.3 31.8 47.8#

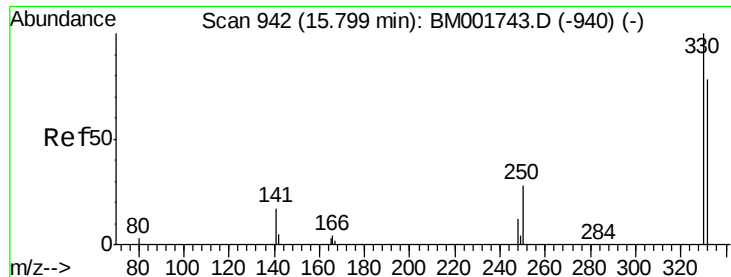


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

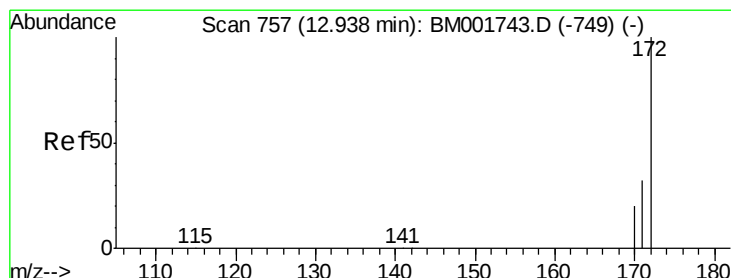
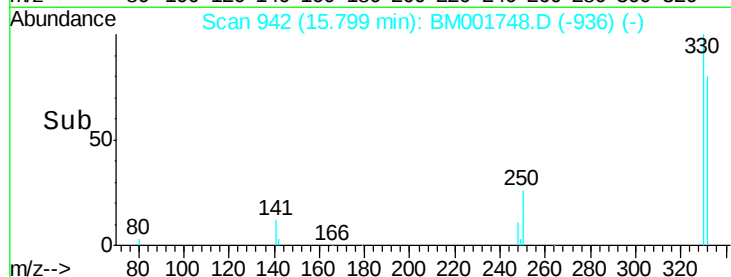
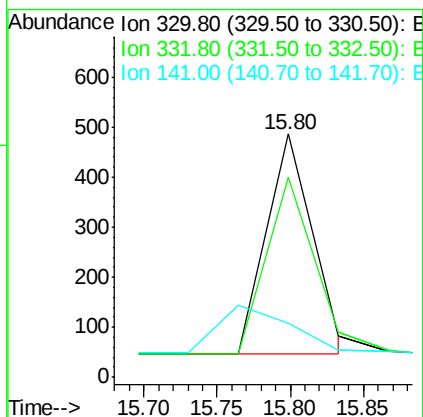
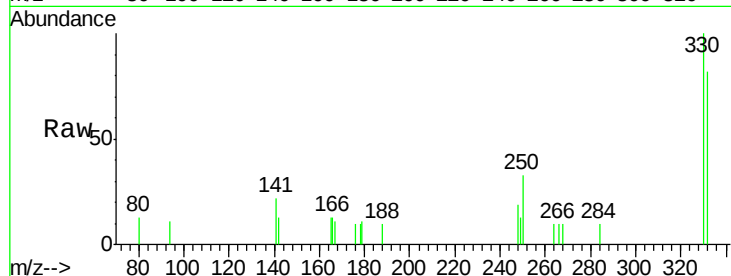




#13
 2,4,6-Tribromophenol
 Concen: 0.97 ng
 RT: 15.80 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BM001748.D
 Acq: 18 Jun 2015 21:59

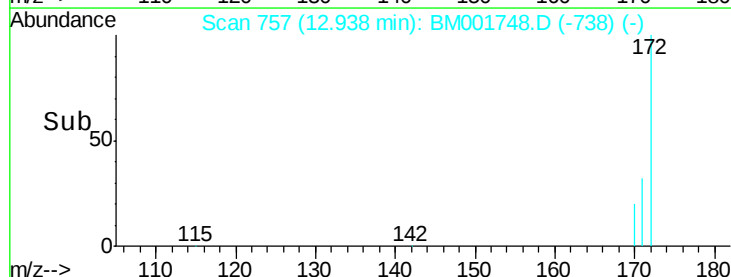
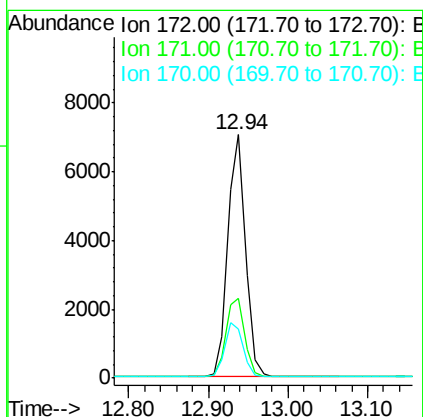
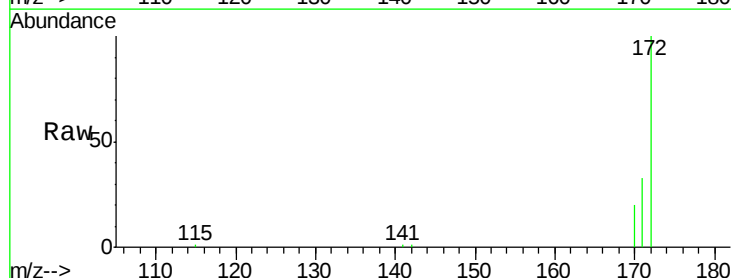
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM061915

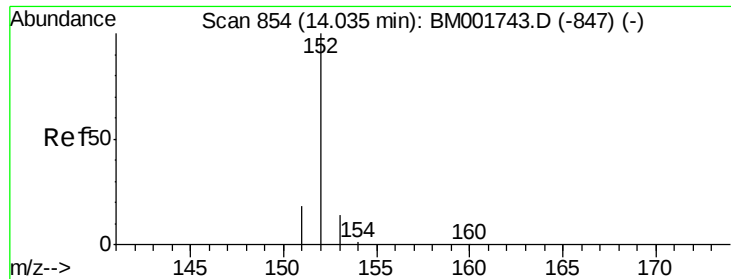
Tgt Ion: 330 Resp: 972
 Ion Ratio Lower Upper
 330 100
 332 83.2 65.8 98.8
 141 0.0 0.0 0.0



#14
 2-Fluorobiphenyl
 Concen: 0.94 ng
 RT: 12.94 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BM001748.D
 Acq: 18 Jun 2015 21:59

Tgt Ion: 172 Resp: 10772
 Ion Ratio Lower Upper
 172 100
 171 32.6 26.2 39.2
 170 20.3 16.6 24.8





#15

Acenaphthylene

Concen: 0.94 ng

RT: 14.03 min Scan# 854

Delta R.T. 0.00 min

Lab File: BM001748.D

Acq: 18 Jun 2015 21:59

Instrument :

BNA_M

ClientSampleId :

ICVBM061915

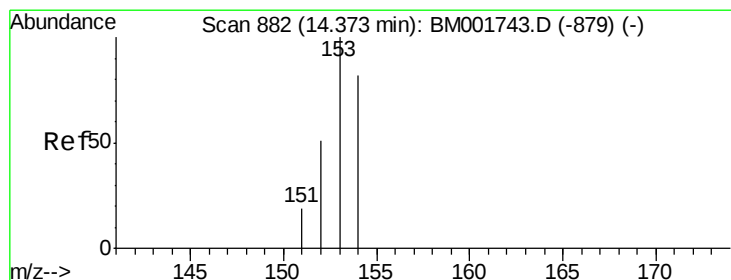
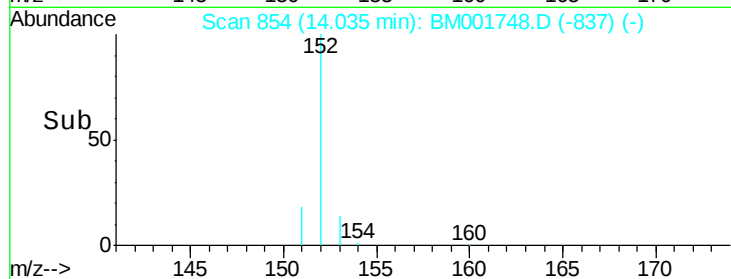
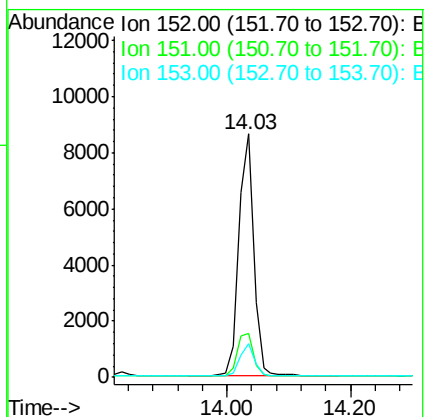
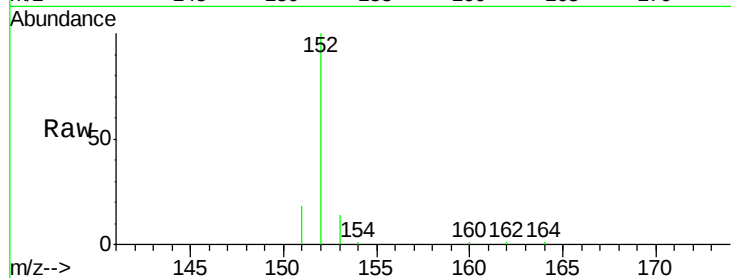
Tgt Ion:152 Resp: 14240

Ion Ratio Lower Upper

152 100

151 19.2 15.4 23.2

153 12.9 10.4 15.6



#16

Acenaphthene

Concen: 0.94 ng

RT: 14.37 min Scan# 882

Delta R.T. 0.00 min

Lab File: BM001748.D

Acq: 18 Jun 2015 21:59

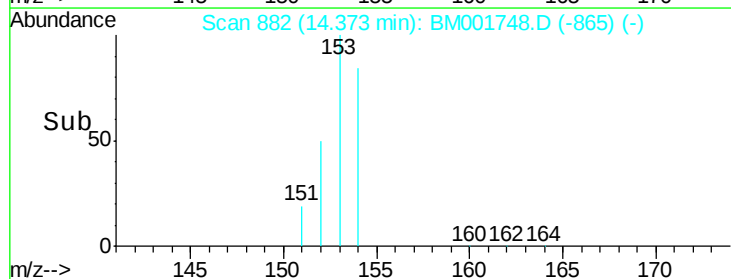
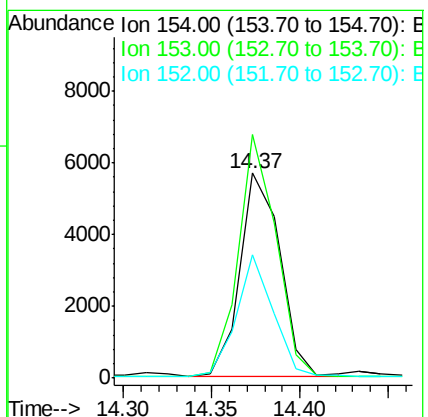
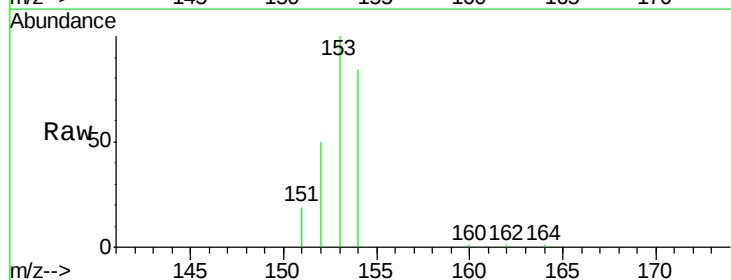
Tgt Ion:154 Resp: 8952

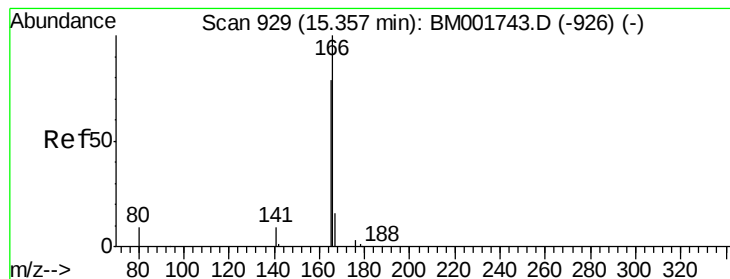
Ion Ratio Lower Upper

154 100

153 112.0 90.0 135.0

152 54.5 44.2 66.4





#17

Fluorene

Concen: 0.99 ng

RT: 15.36 min Scan# 929

Delta R.T. 0.00 min

Lab File: BM001748.D

Acq: 18 Jun 2015 21:59

Instrument :

BNA_M

ClientSampleId :

ICVBM061915

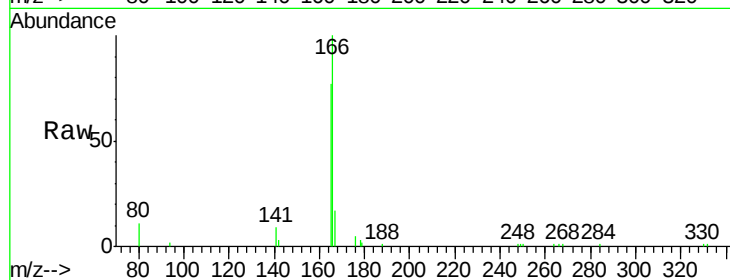
Tgt Ion:166 Resp: 8120

Ion Ratio Lower Upper

166 100

165 83.1 68.2 102.2

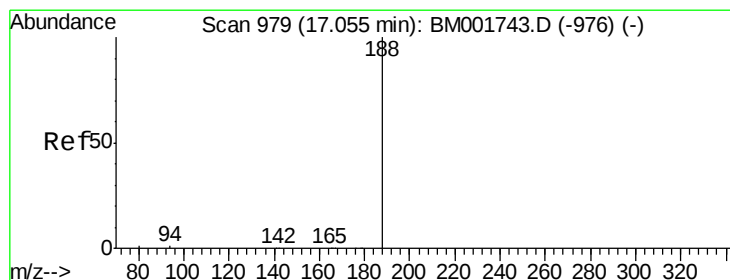
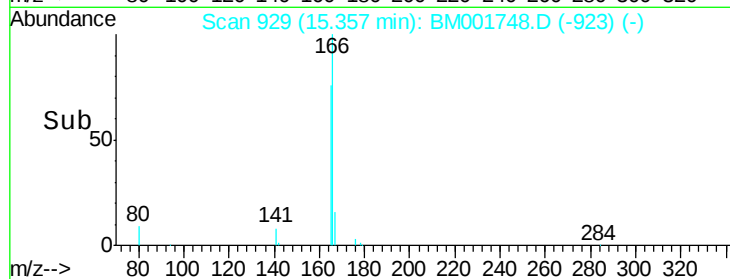
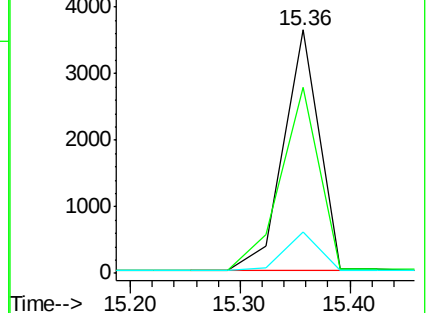
167 15.4 12.2 18.2



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: BM001748.D

Acq: 18 Jun 2015 21:59

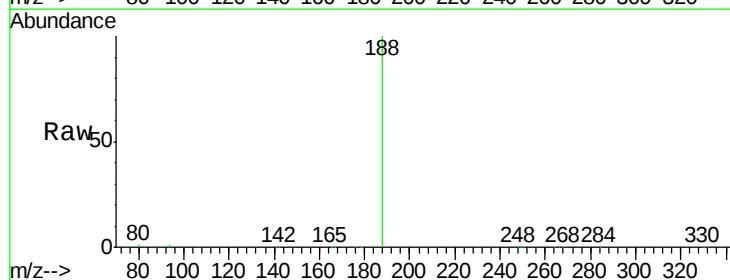
Tgt Ion:188 Resp: 79219

Ion Ratio Lower Upper

188 100

94 1.2 1.3 1.9#

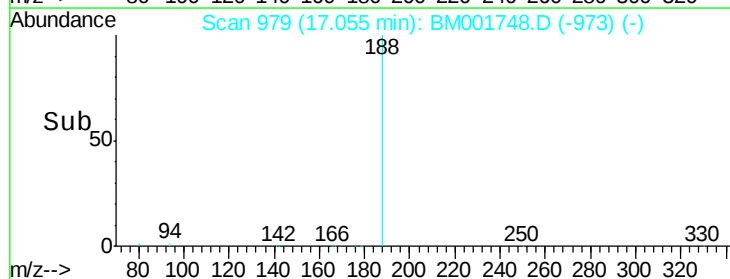
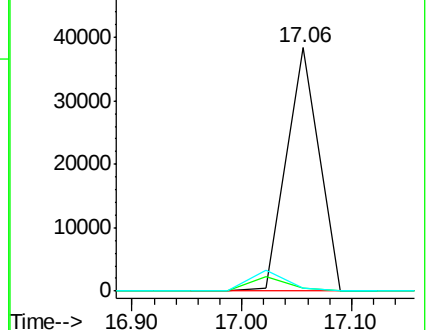
80 1.0 1.0 1.6#

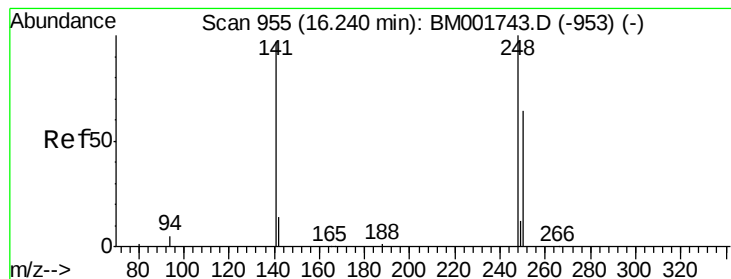


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#19

4-Bromophenyl-phenylether

Concen: 1.01 ng

RT: 16.24 min Scan# 955

Delta R.T. 0.00 min

Lab File: BM001748.D

Acq: 18 Jun 2015 21:59

Instrument :

BNA_M

ClientSampleId :

ICVBM061915

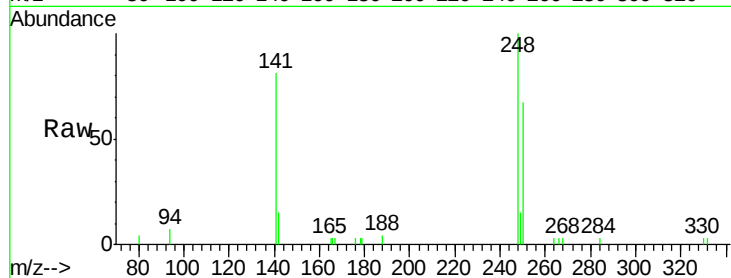
Tgt Ion:248 Resp: 3292

Ion Ratio Lower Upper

248 100

250 68.9 54.8 82.2

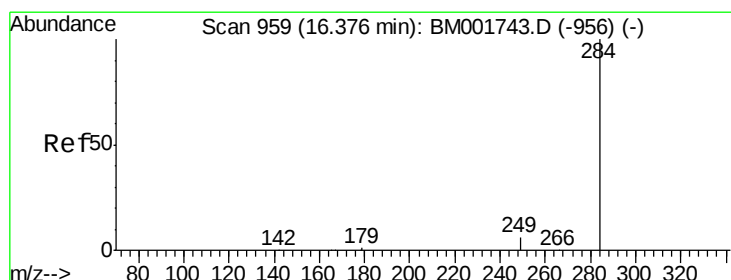
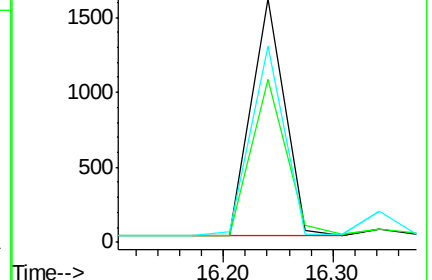
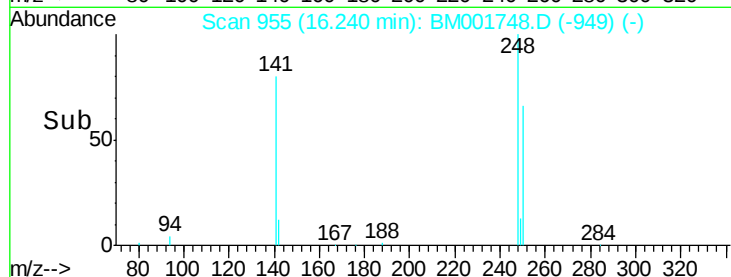
141 80.5 76.2 114.4



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: 0.93 ng

RT: 16.38 min Scan# 959

Delta R.T. 0.00 min

Lab File: BM001748.D

Acq: 18 Jun 2015 21:59

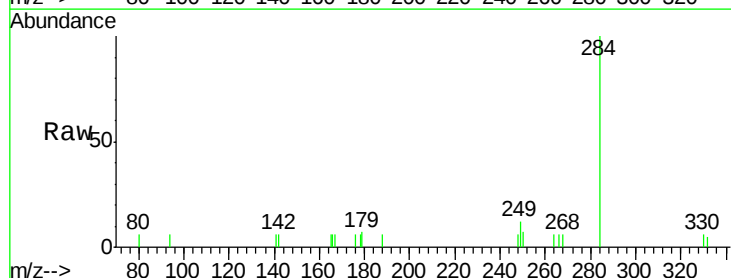
Tgt Ion:284 Resp: 2075

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

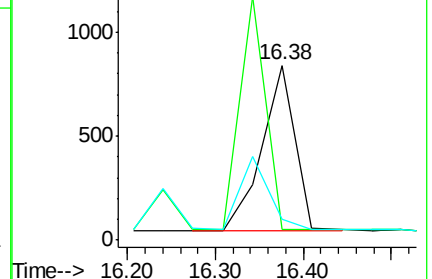
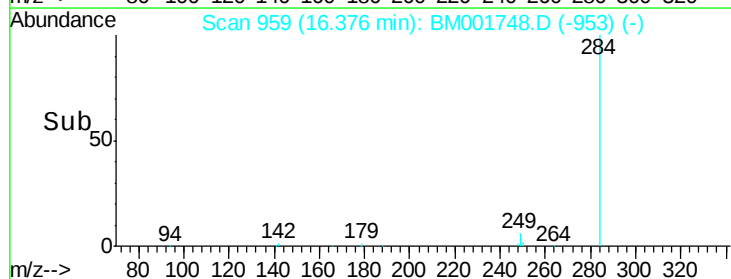
249 0.0 0.0 0.0

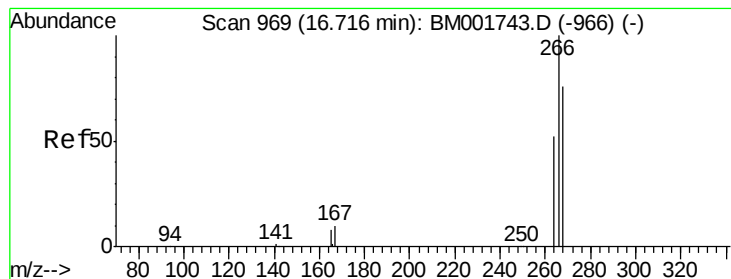


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 0.93 ng

RT: 16.72 min Scan# 969

Delta R.T. 0.00 min

Lab File: BM001748.D

Acq: 18 Jun 2015 21:59

Instrument :

BNA_M

ClientSampleId :

ICVBM061915

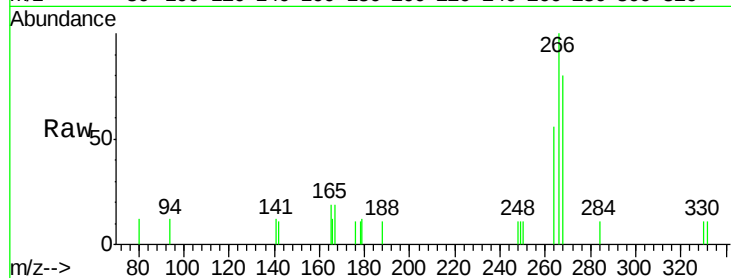
Tgt Ion:266 Resp: 927

Ion Ratio Lower Upper

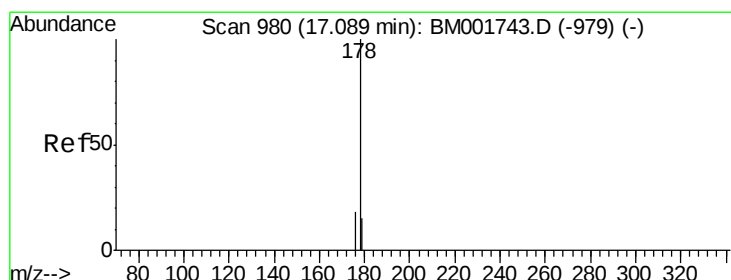
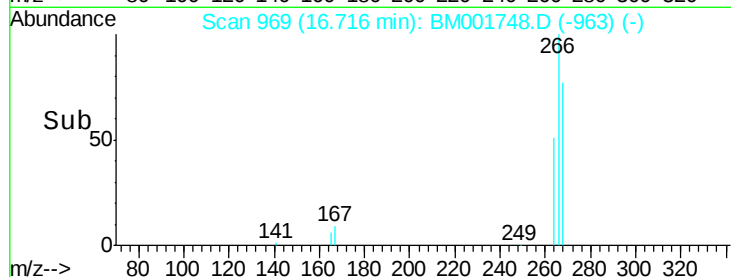
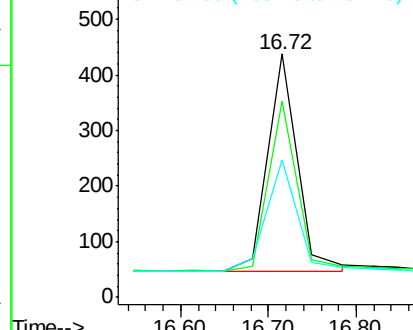
266 100

268 80.4 63.2 94.8

264 56.2 46.2 69.2



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: 0.90 ng

RT: 17.09 min Scan# 980

Delta R.T. 0.00 min

Lab File: BM001748.D

Acq: 18 Jun 2015 21:59

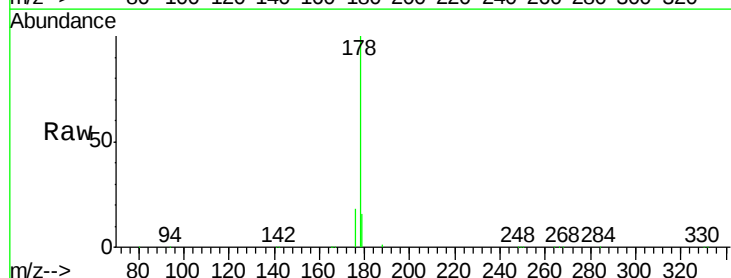
Tgt Ion:178 Resp: 24543

Ion Ratio Lower Upper

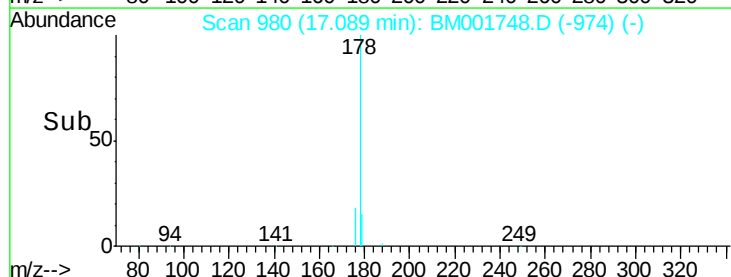
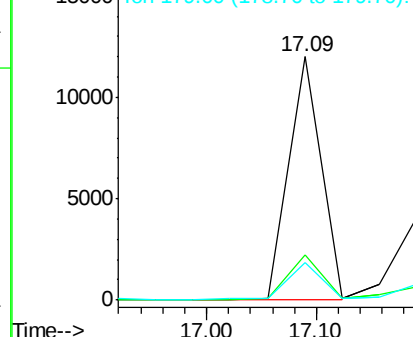
178 100

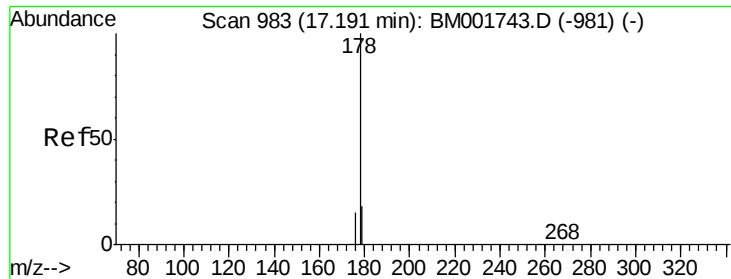
176 18.1 15.4 23.2

179 15.6 12.6 19.0



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: 0.72 ng

RT: 17.19 min Scan# 983

Delta R.T. 0.00 min

Lab File: BM001748.D

Acq: 18 Jun 2015 21:59

Instrument :

BNA_M

ClientSampleId :

ICVBM061915

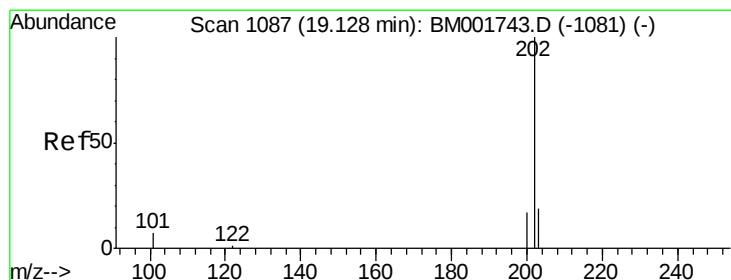
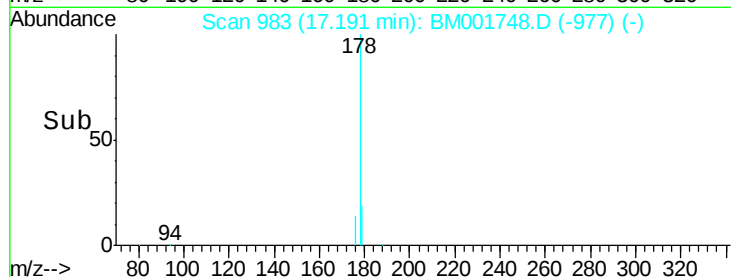
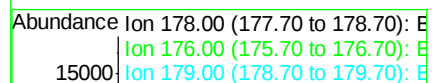
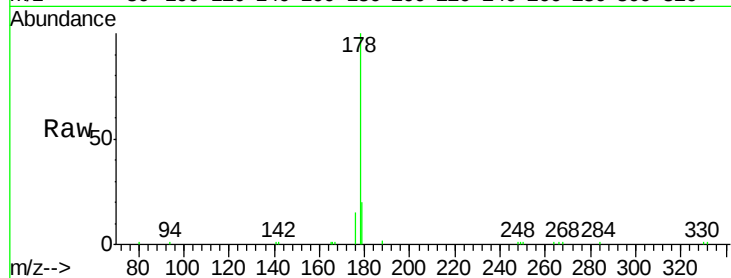
Tgt Ion:178 Resp: 8284

Ion Ratio Lower Upper

178 100

176 14.4 10.0 15.0

179 18.5 12.3 18.5#



#24

Fluoranthene

Concen: 0.96 ng

RT: 19.12 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BM001748.D

Acq: 18 Jun 2015 21:59

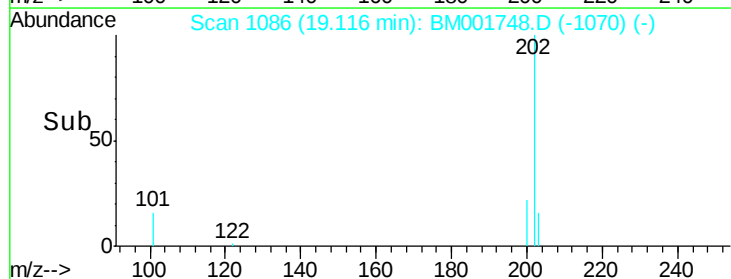
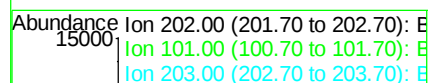
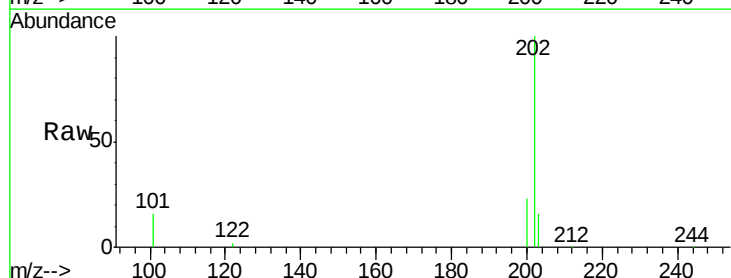
Tgt Ion:202 Resp: 16482

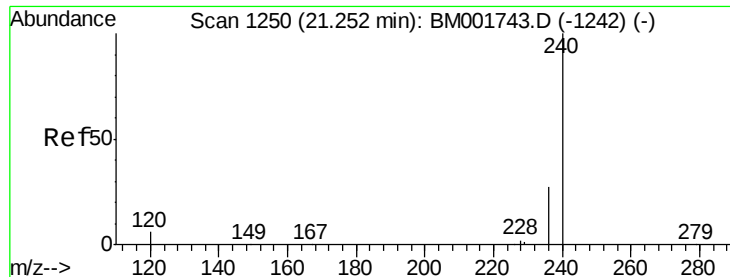
Ion Ratio Lower Upper

202 100

101 13.4 10.8 16.2

203 17.3 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: BM001748.D

Acq: 18 Jun 2015 21:59

Instrument :

BNA_M

ClientSampleId :

ICVBM061915

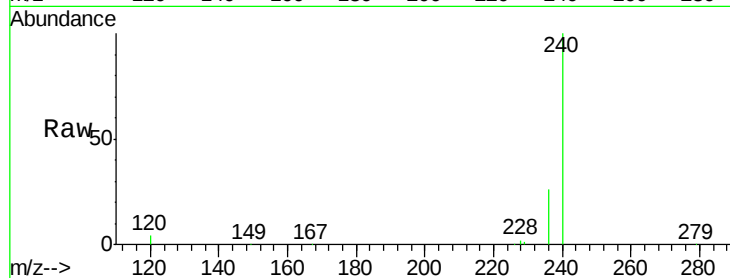
Tgt Ion:240 Resp: 53508

Ion Ratio Lower Upper

240 100

120 4.5 4.7 7.1#

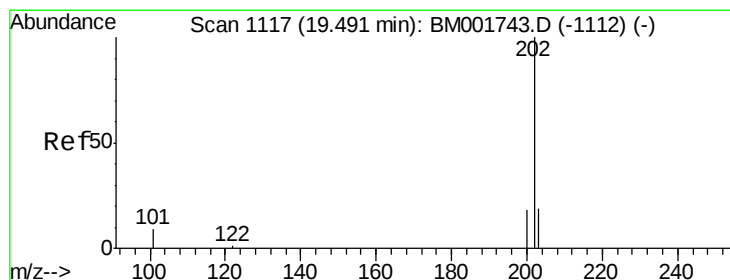
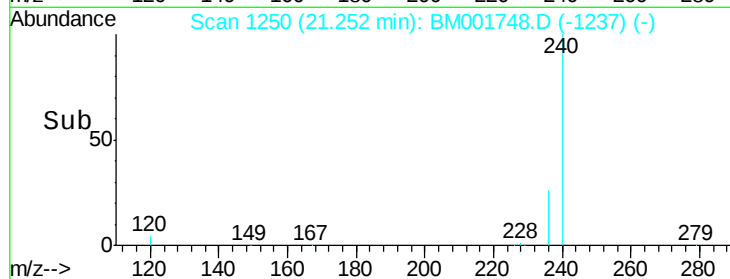
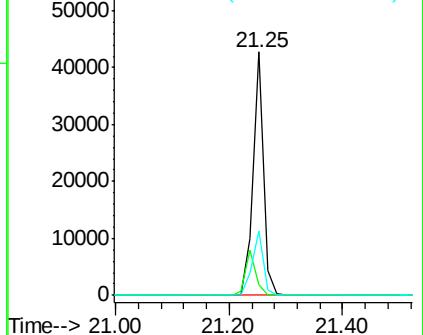
236 26.3 21.6 32.4



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: 19.48 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM001748.D

Acq: 18 Jun 2015 21:59

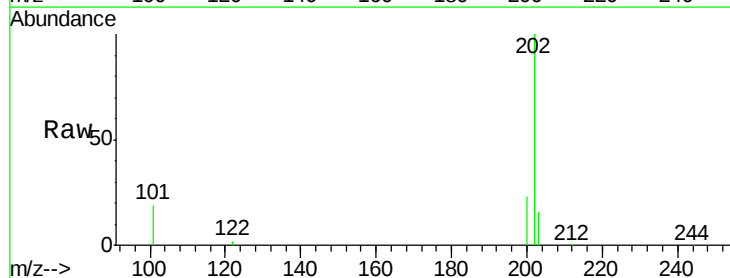
Tgt Ion:202 Resp: 17343

Ion Ratio Lower Upper

202 100

200 20.6 16.6 24.8

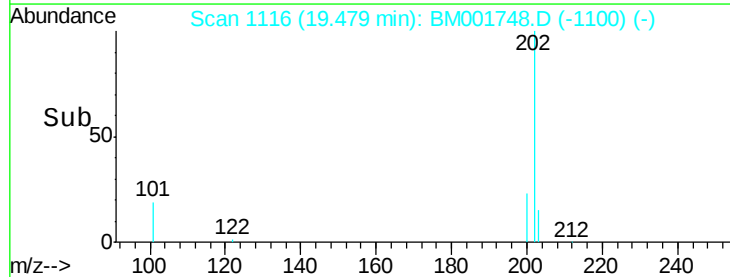
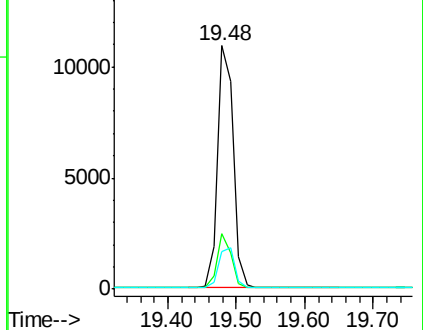
203 17.3 13.9 20.9

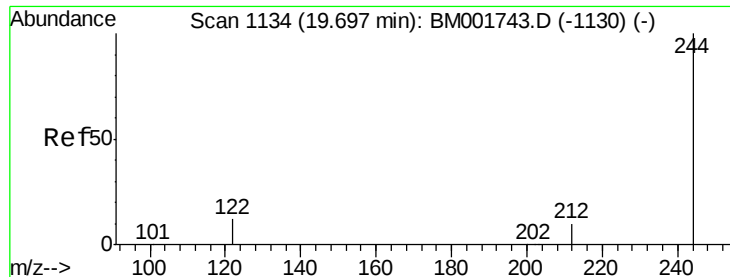


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

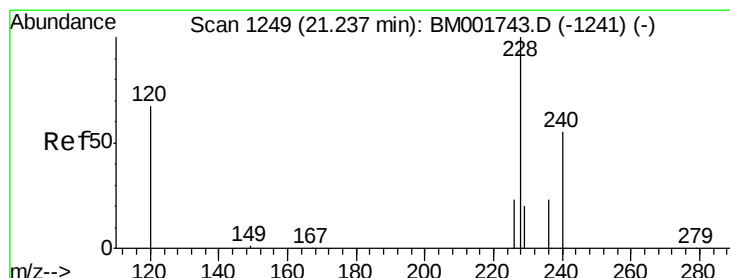
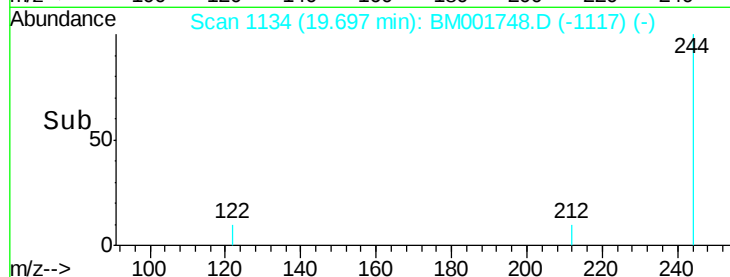
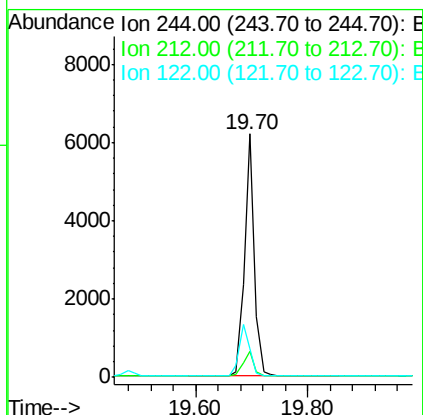
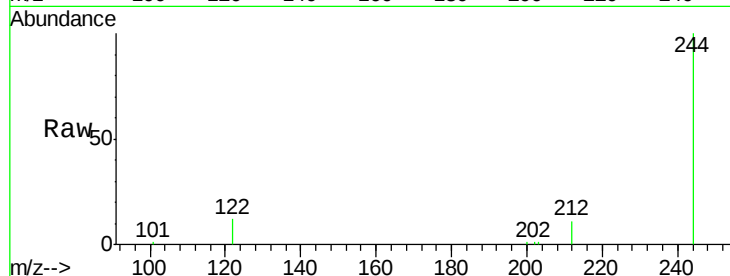




#27
 Terphenyl-d14
 Concen: 0.95 ng
 RT: 19.70 min Scan# 1134
 Delta R.T. 0.00 min
 Lab File: BM001748.D
 Acq: 18 Jun 2015 21:59

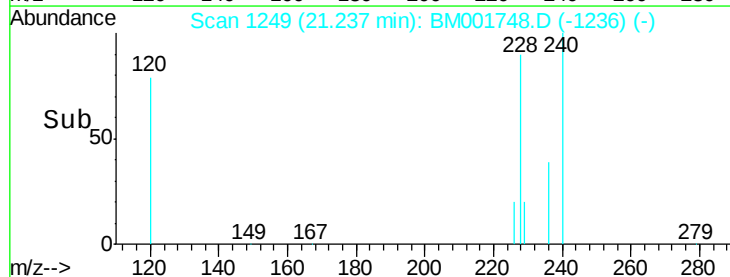
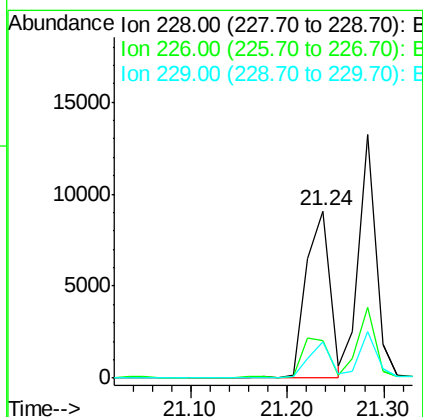
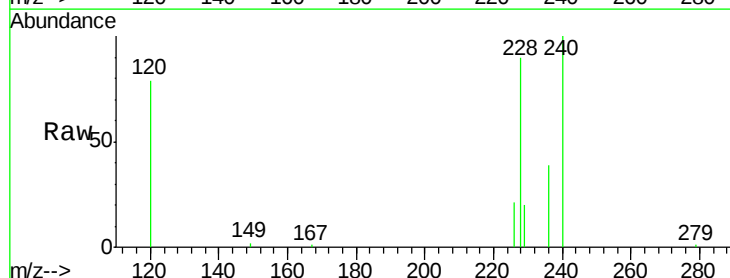
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM061915

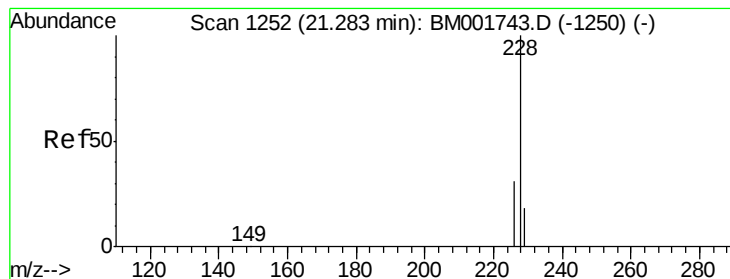
Tgt Ion: 244 Resp: 7453
 Ion Ratio Lower Upper
 244 100
 212 10.5 8.6 13.0
 122 11.8 10.6 15.8



#28
 Benzo(a)anthracene
 Concen: 0.94 ng
 RT: 21.24 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BM001748.D
 Acq: 18 Jun 2015 21:59

Tgt Ion: 228 Resp: 15083
 Ion Ratio Lower Upper
 228 100
 226 22.8 18.9 28.3
 229 22.1 16.6 25.0





#29

Chrysene

Concen: 0.96 ng

RT: 21.28 min Scan# 1252

Delta R.T. 0.00 min

Lab File: BM001748.D

Acq: 18 Jun 2015 21:59

Instrument :

BNA_M

ClientSampleId :

ICVBM061915

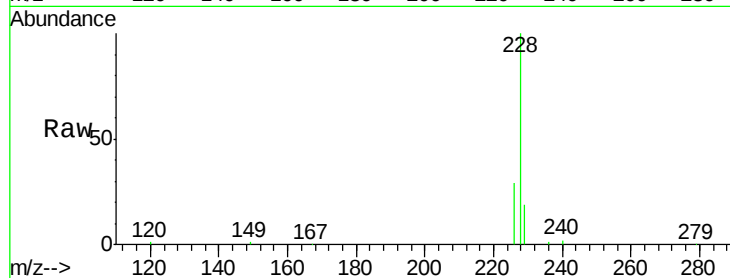
Tgt Ion:228 Resp: 16332

Ion Ratio Lower Upper

228 100

226 28.9 24.3 36.5

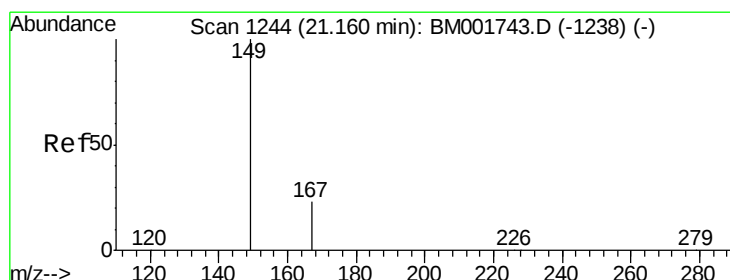
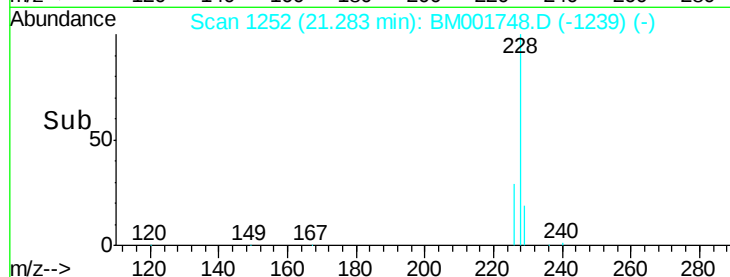
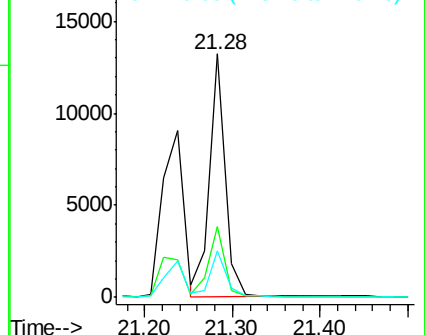
229 19.2 15.0 22.6



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: BM001748.D

Acq: 18 Jun 2015 21:59

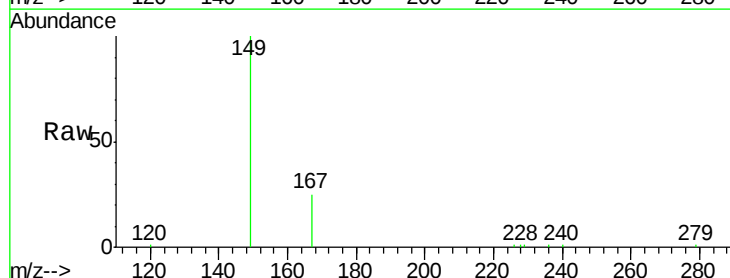
Tgt Ion:149 Resp: 8592

Ion Ratio Lower Upper

149 100

167 24.8 19.7 29.5

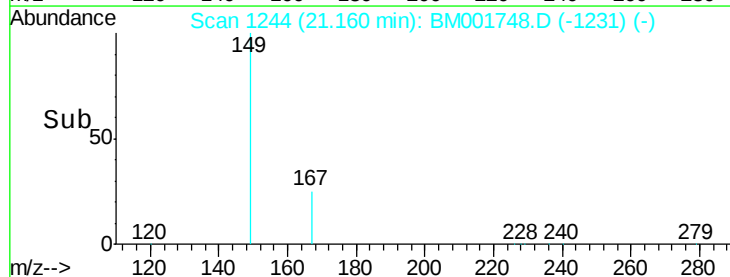
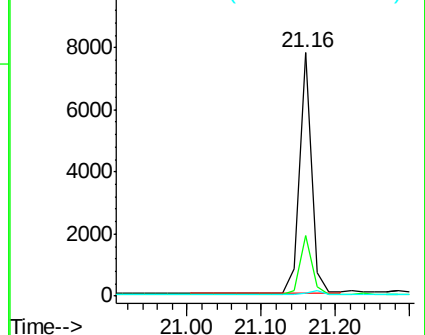
279 1.8 1.6 2.4

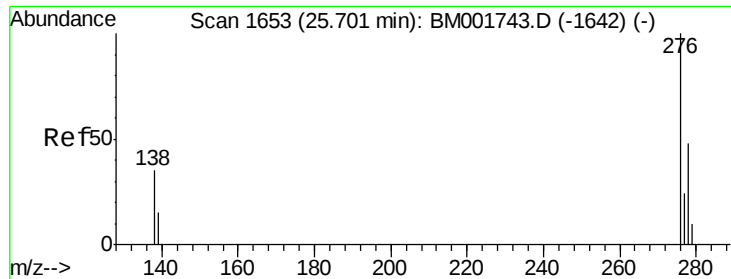


Abundance Ion 149.00 (148.70 to 149.70): E

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: 25.70 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BM001748.D

Acq: 18 Jun 2015 21:59

Instrument :

BNA_M

ClientSampleId :

ICVBM061915

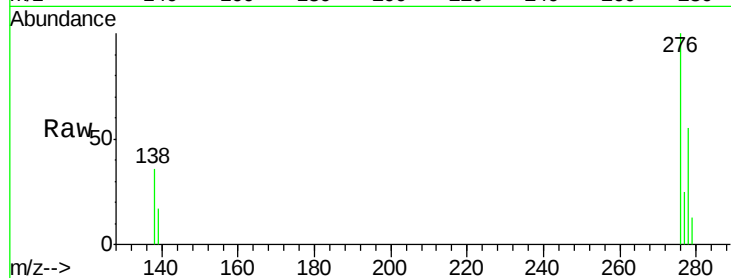
Tgt Ion:276 Resp: 15271

Ion Ratio Lower Upper

276 100

138 36.0 29.0 43.6

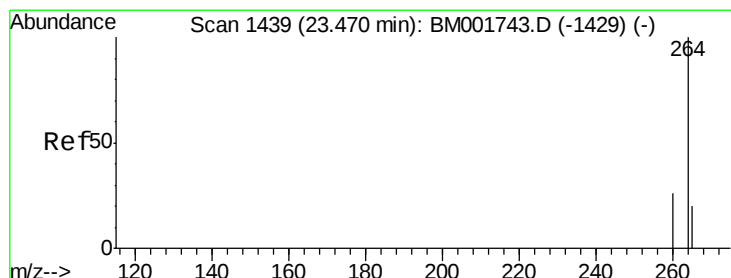
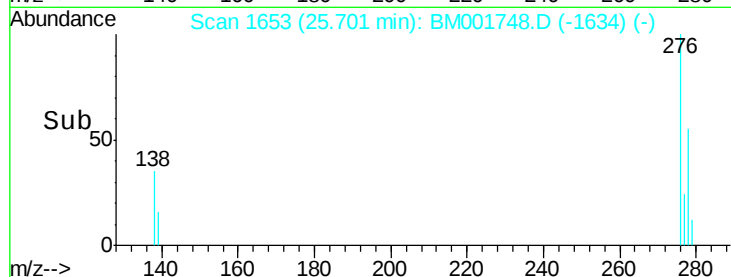
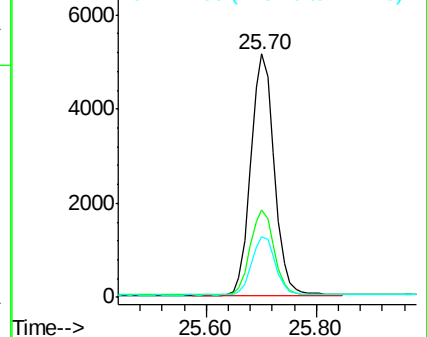
277 24.7 19.7 29.5



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: 23.47 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BM001748.D

Acq: 18 Jun 2015 21:59

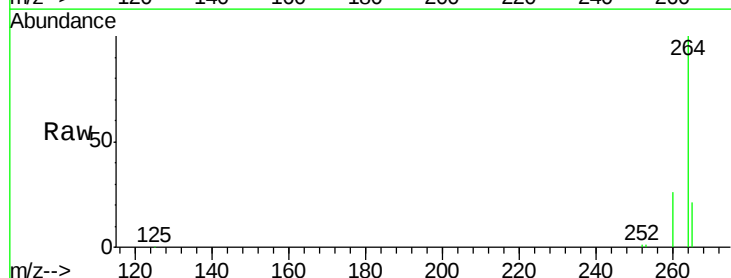
Tgt Ion:264 Resp: 47775

Ion Ratio Lower Upper

264 100

260 25.6 20.8 31.2

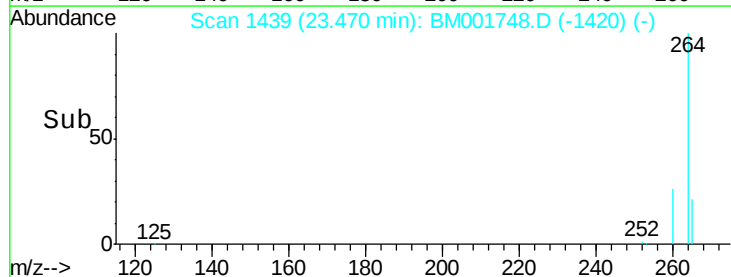
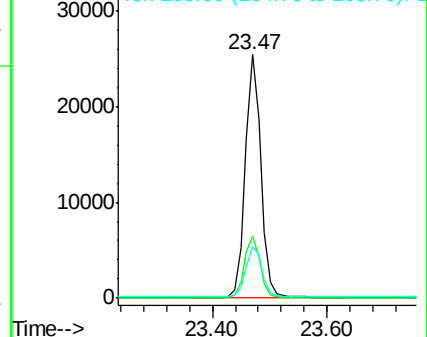
265 21.3 16.8 25.2

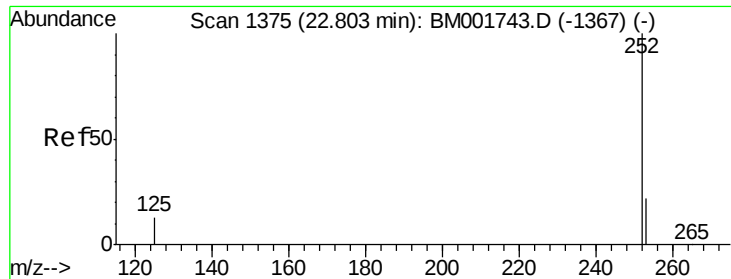


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 0.97 ng

RT: 22.79 min Scan# 1374

Delta R.T. -0.01 min

Lab File: BM001748.D

Acq: 18 Jun 2015 21:59

Instrument :

BNA_M

ClientSampleId :

ICVBM061915

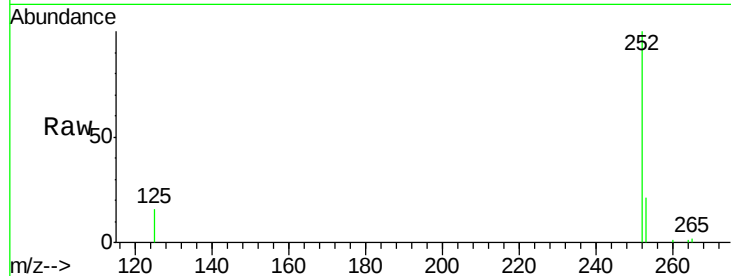
Tgt Ion:252 Resp: 15275

Ion Ratio Lower Upper

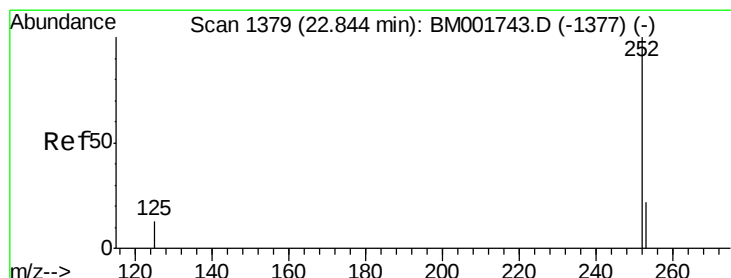
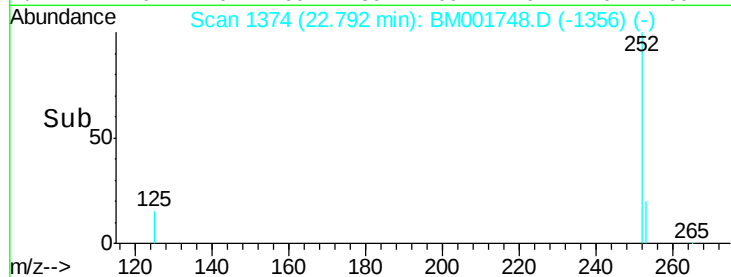
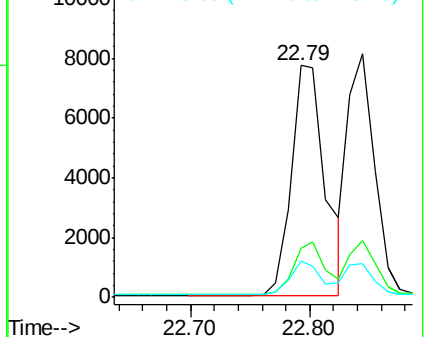
252 100

253 20.9 19.0 28.4

125 15.8 11.3 16.9



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: 0.90 ng

RT: 22.84 min Scan# 1379

Delta R.T. 0.00 min

Lab File: BM001748.D

Acq: 18 Jun 2015 21:59

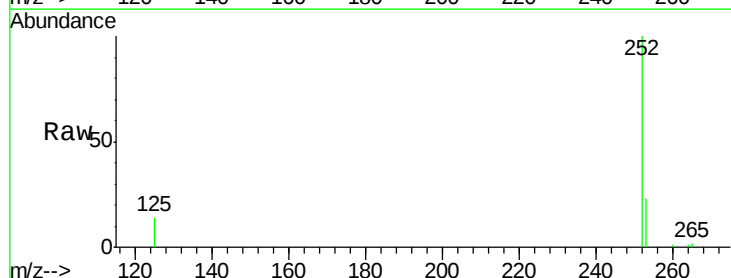
Tgt Ion:252 Resp: 12684

Ion Ratio Lower Upper

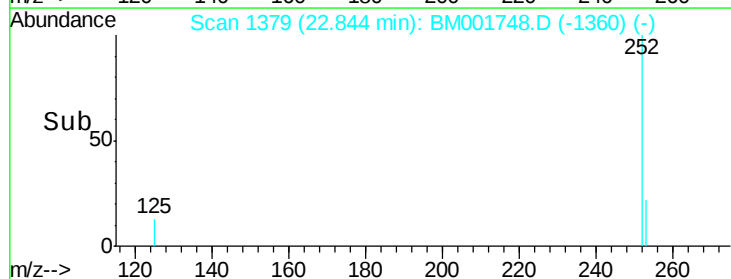
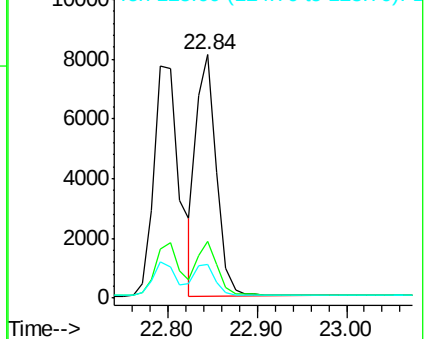
252 100

253 23.2 18.2 27.4

125 14.1 11.8 17.6



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: 0.94 ng

RT: 23.37 min Scan# 1429

Delta R.T. 0.00 min

Lab File: BM001748.D

Acq: 18 Jun 2015 21:59

Instrument :

BNA_M

ClientSampleId :

ICVBM061915

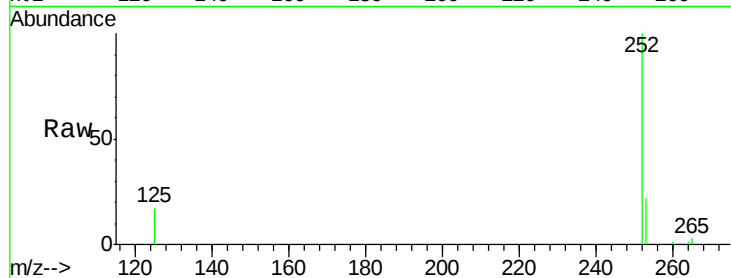
Tgt Ion: 252 Resp: 12417

Ion Ratio Lower Upper

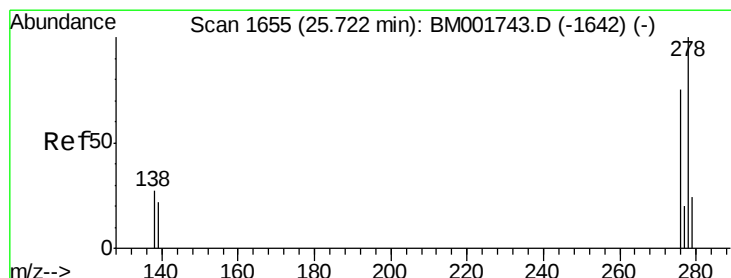
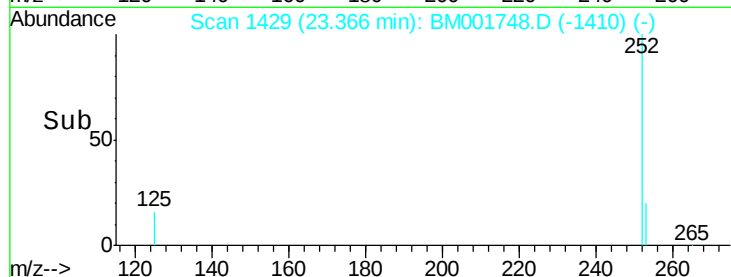
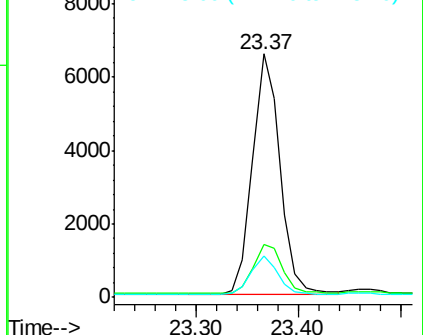
252 100

253 21.8 17.9 26.9

125 16.7 14.1 21.1



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: 0.94 ng

RT: 25.72 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BM001748.D

Acq: 18 Jun 2015 21:59

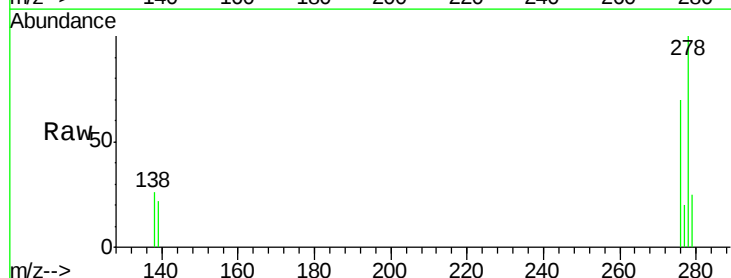
Tgt Ion: 278 Resp: 12289

Ion Ratio Lower Upper

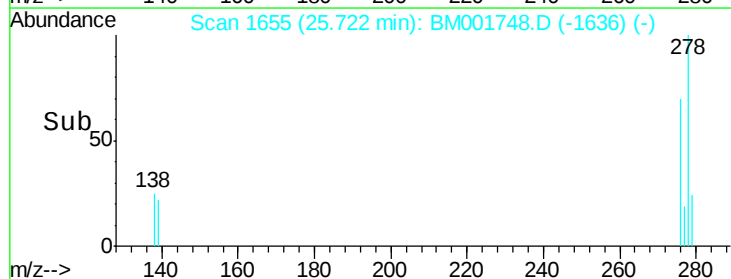
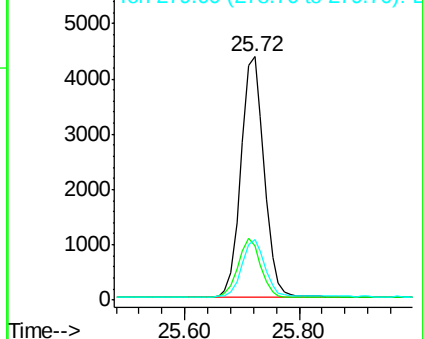
278 100

139 22.5 18.4 27.6

279 25.0 19.8 29.8



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: 26.39 min Scan# 1719

Delta R.T. 0.00 min

Lab File: BM001748.D

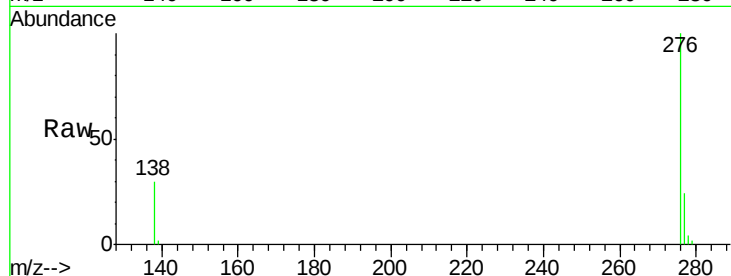
Acq: 18 Jun 2015 21:59

Instrument :

BNA_M

ClientSampleId :

ICVBM061915



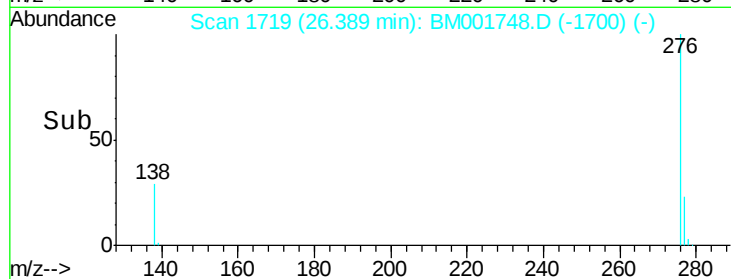
Tgt Ion: 276 Resp: 12905

Ion Ratio Lower Upper

276 100

277 24.2 19.3 28.9

138 29.6 24.7 37.1



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

