

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061915\
 Data File : BM001747.D
 Acq On : 18 Jun 2015 21:23
 Operator : TP/IZ
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.1

Quant Time: Jun 19 04:21:40 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 04:18:06 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	15703	5.00	ng	0.00
6) Naphthalene-d8	10.46	136	56931	5.00	ng	0.00
12) Acenaphthene-d10	14.32	164	26815	5.00	ng	0.00
18) Phenanthrene-d10	17.06	188	65818	5.00	ng	0.00
25) Chrysene-d12	21.25	240	39814	5.00	ng	0.00
32) Perylene-d12	23.47	264	34745	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	426	0.11	ng	0.00
5) Phenol-d6	6.83	99	540	0.11	ng	0.00
7) Nitrobenzene-d5	8.83	82	517	0.12	ng	0.00
13) 2,4,6-Tribromophenol	15.80	330	86	0.09	ng	0.00
14) 2-Fluorobiphenyl	12.94	172	1190	0.13	ng	0.00
27) Terphenyl-d14	19.70	244	725	0.12	ng	0.00

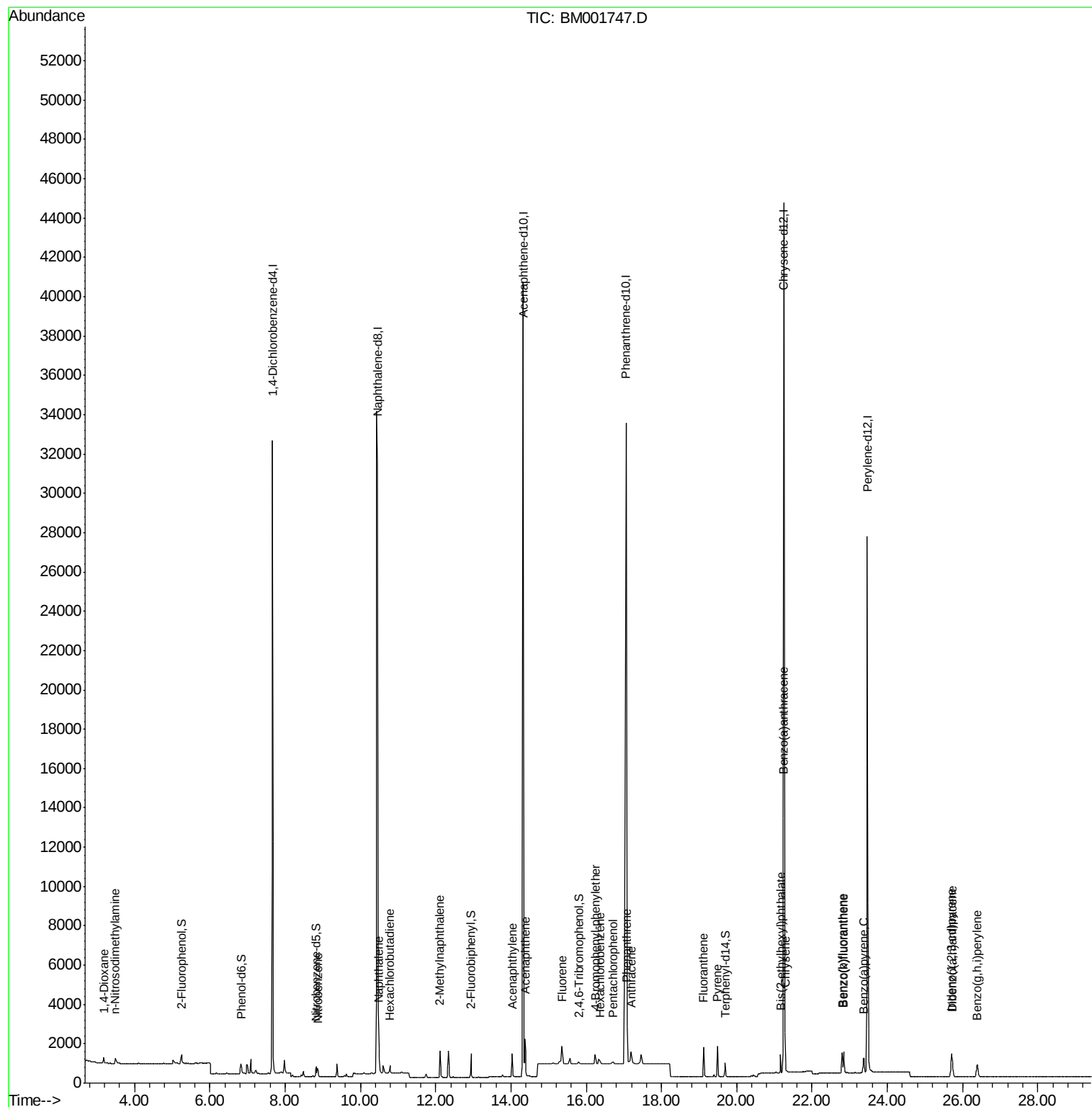
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	288	0.15	ng	# 83
3) n-Nitrosodimethylamine	3.49	42	305	0.11	ng	# 95
8) Nitrobenzene	8.87	77	521	0.11	ng	99
9) Naphthalene	10.49	128	1728	0.12	ng	# 91
10) Hexachlorobutadiene	10.78	225	303	0.13	ng	98
11) 2-Methylnaphthalene	12.12	142	1072	0.12	ng	94
15) Acenaphthylene	14.03	152	1434	0.11	ng	99
16) Acenaphthene	14.37	154	967	0.12	ng	98
17) Fluorene	15.36	166	933	0.11	ng	99
19) 4-Bromophenyl-phenylether	16.24	248	314	0.05	ng	94
20) Hexachlorobenzene	16.38	284	251	0.05	ng	# 100
21) Pentachlorophenol	16.72	266	86	0.06	ng	# 80
22) Phenanthrene	17.09	178	2658	0.12	ng	96
23) Anthracene	17.19	178	907	0.04	ng	# 94
24) Fluoranthene	19.12	202	1651	0.06	ng	99
26) Pyrene	19.49	202	1692	0.12	ng	99
28) Benzo(a)anthracene	21.24	228	1467	0.12	ng	93
29) Chrysene	21.28	228	1580	0.13	ng	95
30) Bis(2-ethylhexyl)phthalate	21.16	149	948	0.12	ng	98
31) Indeno(1,2,3-cd)pyrene	25.70	276	1414	0.14	ng	99
33) Benzo(b)fluoranthene	22.80	252	1391	0.12	ng	# 81
34) Benzo(k)fluoranthene	22.84	252	1232	0.11	ng	# 83
35) Benzo(a)pyrene	23.38	252	1134	0.12	ng	# 74
36) Dibenzo(a,h)anthracene	25.72	278	1131	0.14	ng	# 81
37) Benzo(g,h,i)perylene	26.39	276	1244	0.14	ng	# 85

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.66 min Scan# 323

Delta R.T. -0.00 min

Lab File: BM001747.D

Acq: 18 Jun 2015 21:23

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

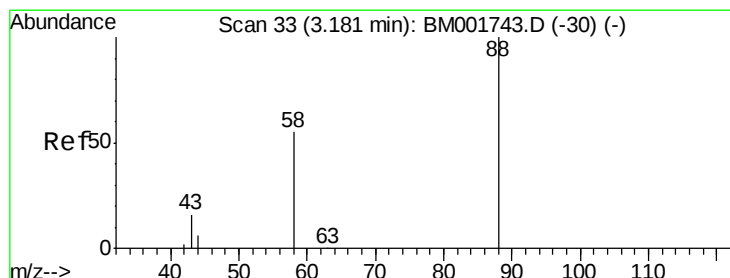
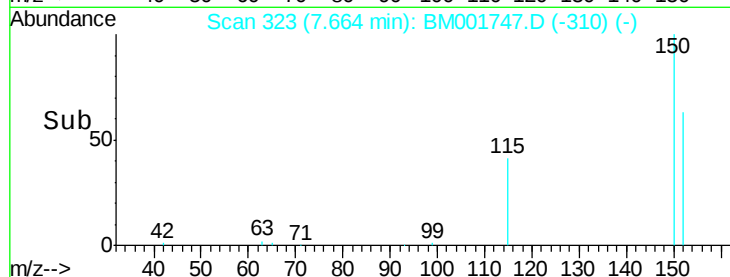
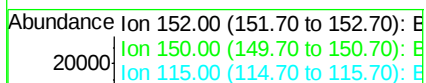
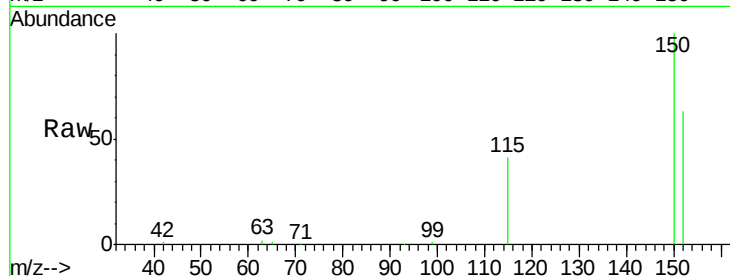
Tgt Ion: 152 Resp: 15703

Ion Ratio Lower Upper

152 100

150 158.1 127.5 191.3

115 65.3 53.2 79.8



#2

1,4-Dioxane

Concen: 0.15 ng

RT: 3.18 min Scan# 33

Delta R.T. -0.00 min

Lab File: BM001747.D

Acq: 18 Jun 2015 21:23

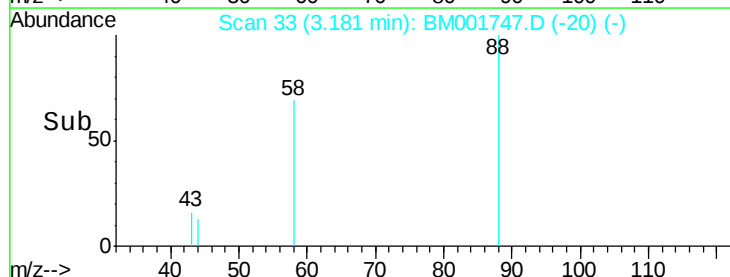
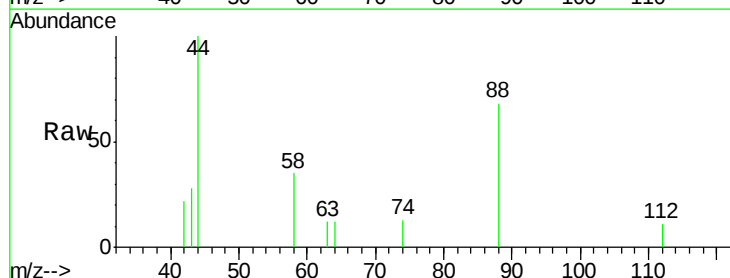
Tgt Ion: 88 Resp: 288

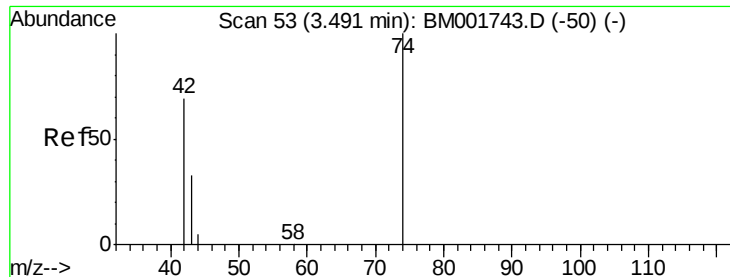
Ion Ratio Lower Upper

88 100

58 64.6 68.3 102.5#

43 43.4 32.6 48.8





#3

n-Nitrosodimethylamine

Concen: 0.11 ng

RT: 3.49 min Scan# 53

Delta R.T. -0.00 min

Lab File: BM001747.D

Acq: 18 Jun 2015 21:23

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.1

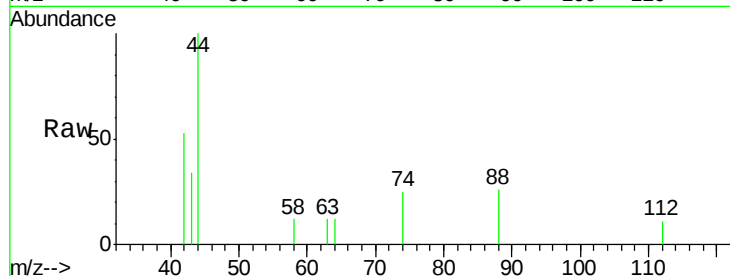
Tgt Ion: 42 Resp: 305

Ion Ratio Lower Upper

42 100

74 96.4 78.6 118.0

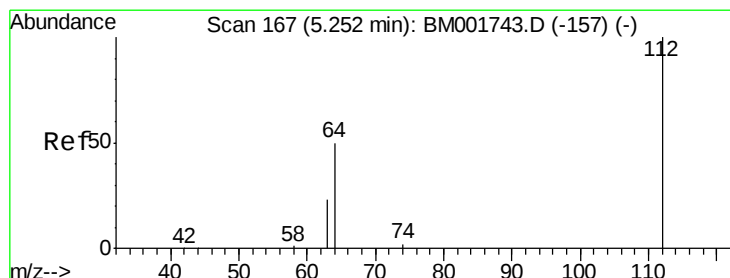
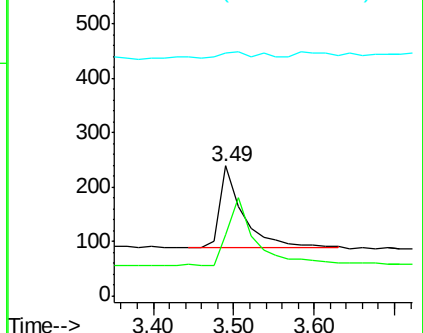
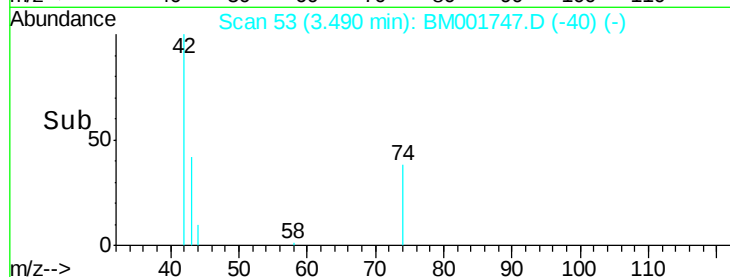
44 22.0 5.0 7.6#



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: 0.11 ng

RT: 5.25 min Scan# 167

Delta R.T. -0.00 min

Lab File: BM001747.D

Acq: 18 Jun 2015 21:23

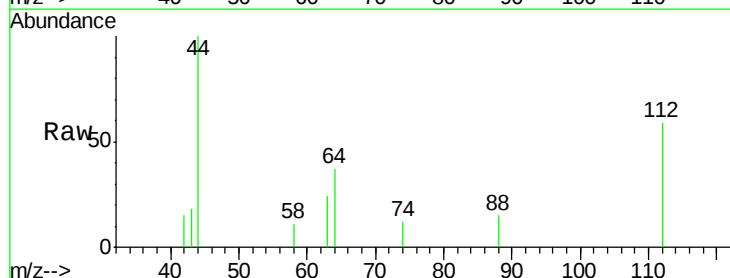
Tgt Ion: 112 Resp: 426

Ion Ratio Lower Upper

112 100

64 70.7 55.6 83.4

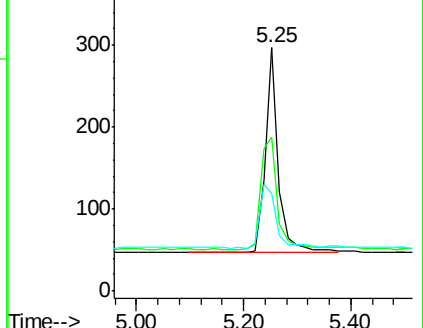
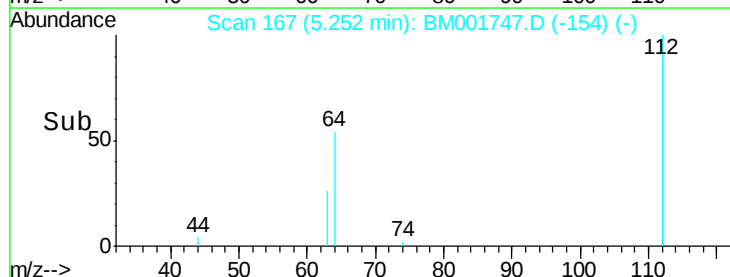
63 40.4 30.2 45.2

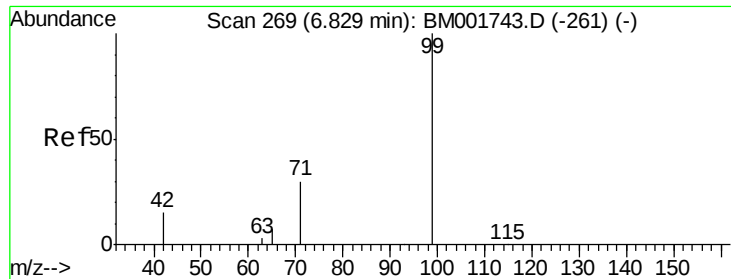


Abundance Ion 112.00 (111.70 to 112.70): BM001743.D (-157) (-)

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: 0.11 ng

RT: 6.83 min Scan# 269

Delta R.T. -0.00 min

Lab File: BM001747.D

Acq: 18 Jun 2015 21:23

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

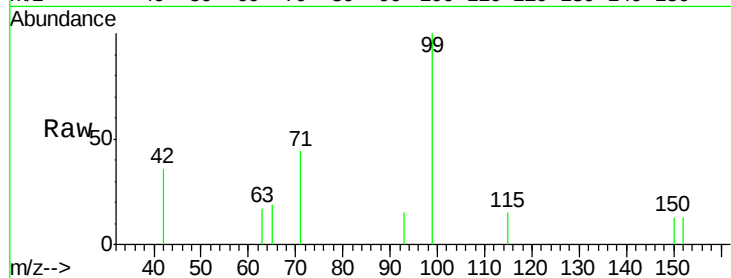
Tgt Ion: 99 Resp: 540

Ion Ratio Lower Upper

99 100

42 25.9 21.4 32.0

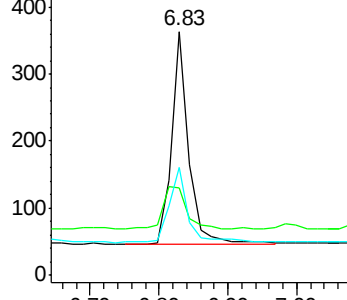
71 39.3 28.3 42.5



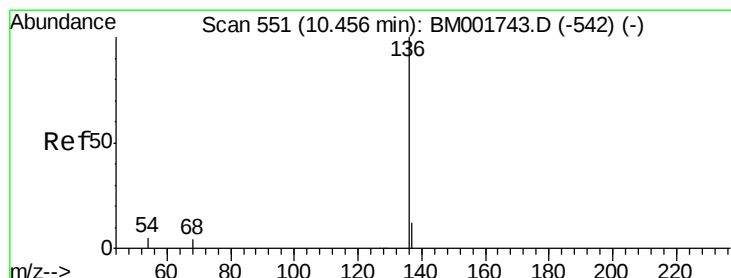
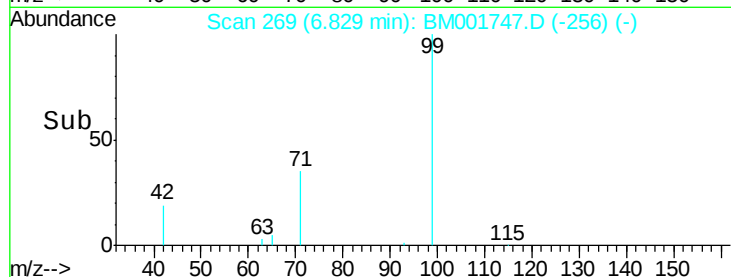
Abundance Ion 99.00 (98.70 to 99.70): BM001747.D (-261) (-)

Ion 42.00 (41.70 to 42.70): BM001747.D (-261) (-)

Ion 71.00 (70.70 to 71.70): BM001747.D (-261) (-)



Time-->



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.46 min Scan# 551

Delta R.T. -0.00 min

Lab File: BM001747.D

Acq: 18 Jun 2015 21:23

Tgt Ion: 136 Resp: 56931

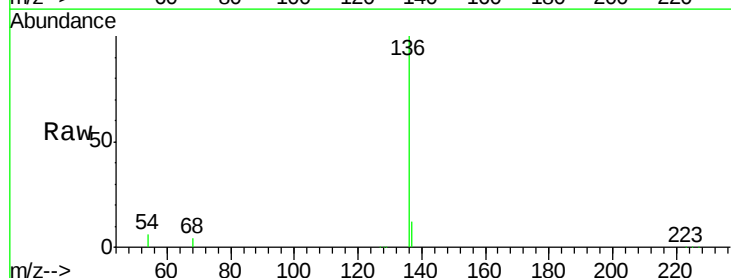
Ion Ratio Lower Upper

136 100

137 11.6 9.4 14.0

54 5.5 4.4 6.6

68 3.8 3.1 4.7

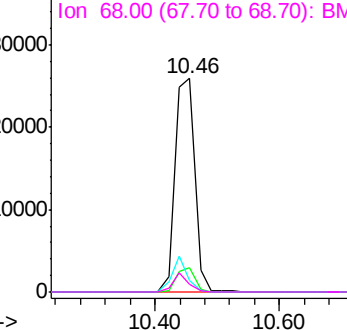


Abundance Ion 136.00 (135.70 to 136.70): BM001747.D (-542) (-)

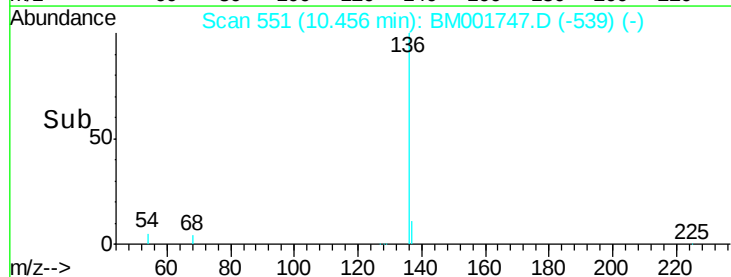
Ion 137.00 (136.70 to 137.70): BM001747.D (-542) (-)

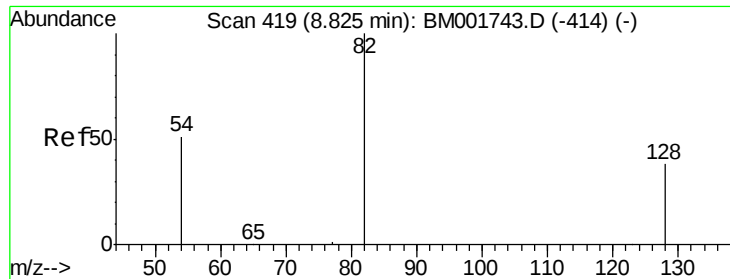
Ion 54.00 (53.70 to 54.70): BM001747.D (-542) (-)

Ion 68.00 (67.70 to 68.70): BM001747.D (-542) (-)



Time-->





#7

Nitrobenzene-d5

Concen: 0.12 ng

RT: 8.83 min Scan# 419

Delta R.T. -0.00 min

Lab File: BM001747.D

Acq: 18 Jun 2015 21:23

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

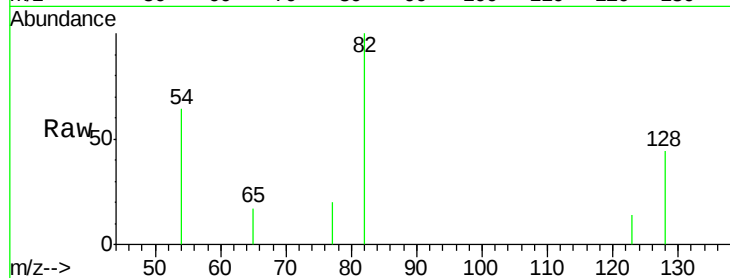
Tgt Ion: 82 Resp: 517

Ion Ratio Lower Upper

82 100

128 44.3 31.3 46.9

54 63.9 41.9 62.9#



Abundance Ion 82.00 (81.70 to 82.70): BM001747.D (-414) (-)

Ion 128.00 (127.70 to 128.70): BM001747.D (-414) (-)

Ion 54.00 (53.70 to 54.70): BM001747.D (-414) (-)

8.83

400

300

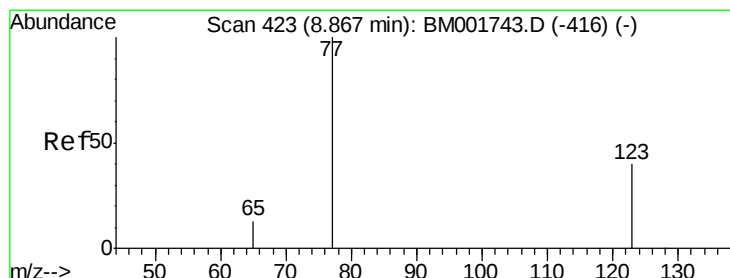
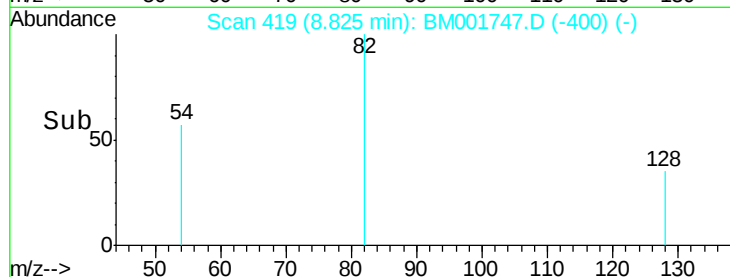
200

100

0

8.70 8.80 8.90 9.00

Time-->



#8

Nitrobenzene

Concen: 0.11 ng

RT: 8.87 min Scan# 423

Delta R.T. -0.00 min

Lab File: BM001747.D

Acq: 18 Jun 2015 21:23

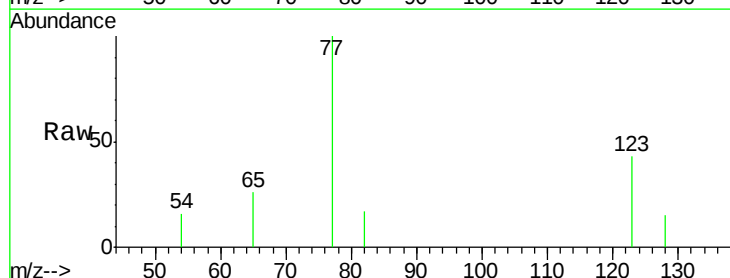
Tgt Ion: 77 Resp: 521

Ion Ratio Lower Upper

77 100

123 37.6 30.1 45.1

65 15.0 11.3 16.9



Abundance Ion 77.00 (76.70 to 77.70): BM001747.D (-404) (-)

Ion 123.00 (122.70 to 123.70): BM001747.D (-404) (-)

Ion 65.00 (64.70 to 65.70): BM001747.D (-404) (-)

8.87

400

300

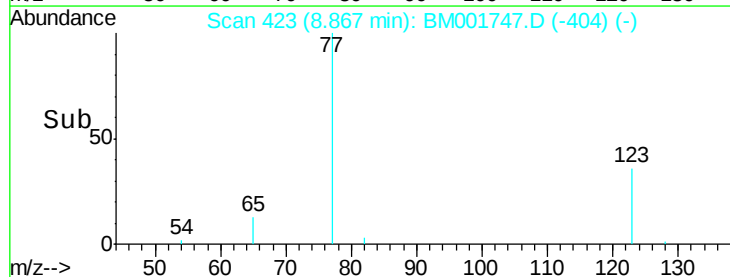
200

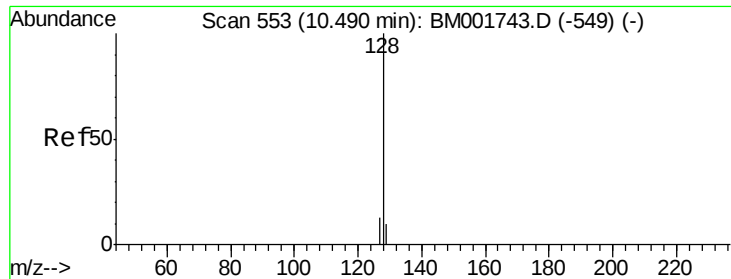
100

0

8.80 8.90 9.00

Time-->





#9

Naphthalene

Concen: 0.12 ng

RT: 10.49 min Scan# 553

Delta R.T. -0.00 min

Lab File: BM001747.D

Acq: 18 Jun 2015 21:23

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.1

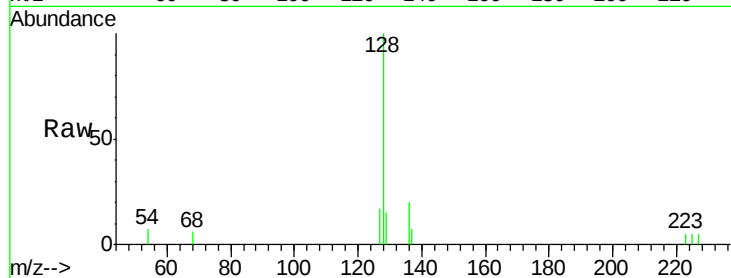
Tgt Ion:128 Resp: 1728

Ion Ratio Lower Upper

128 100

129 14.8 8.7 13.1#

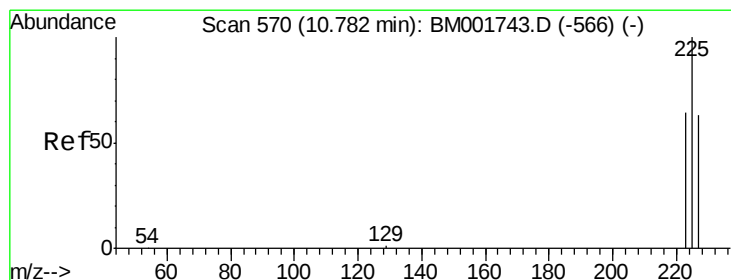
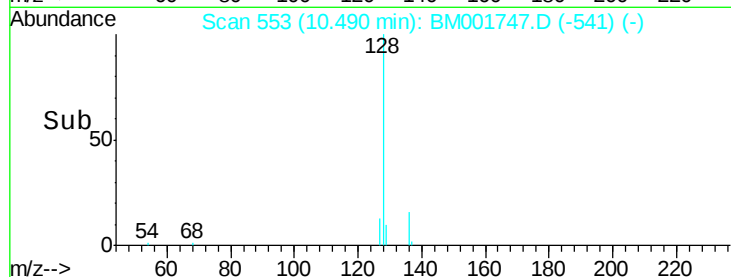
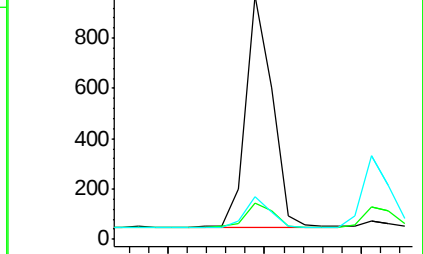
127 17.4 11.2 16.8#



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: 0.13 ng

RT: 10.78 min Scan# 570

Delta R.T. -0.00 min

Lab File: BM001747.D

Acq: 18 Jun 2015 21:23

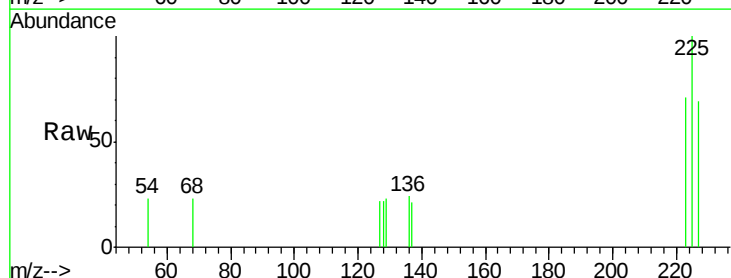
Tgt Ion:225 Resp: 303

Ion Ratio Lower Upper

225 100

223 63.0 51.0 76.4

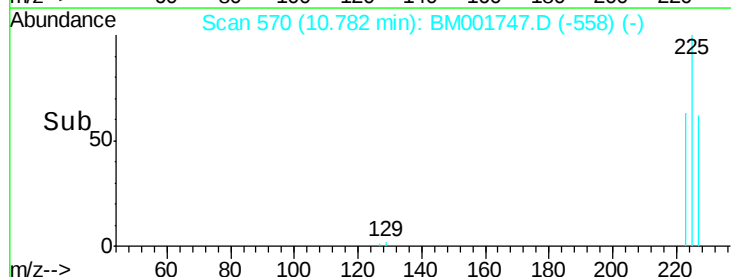
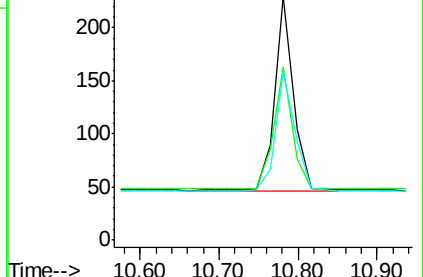
227 62.4 51.8 77.8



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: 0.12 ng

RT: 12.12 min Scan# 678

Delta R.T. -0.00 min

Lab File: BM001747.D

Acq: 18 Jun 2015 21:23

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.1

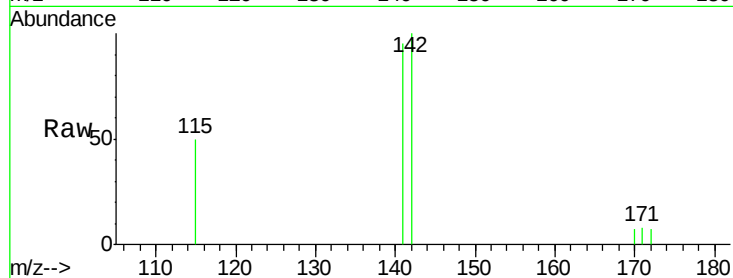
Tgt Ion:142 Resp: 1072

Ion Ratio Lower Upper

142 100

141 95.3 73.6 110.4

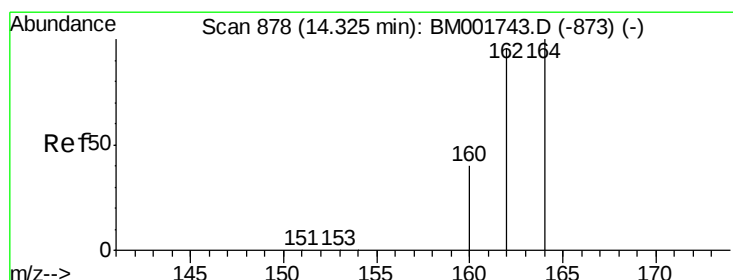
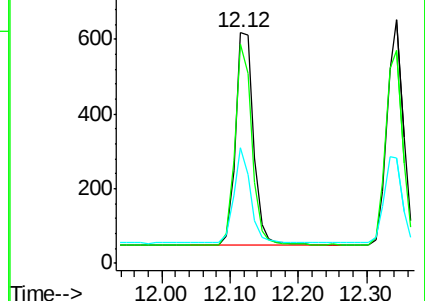
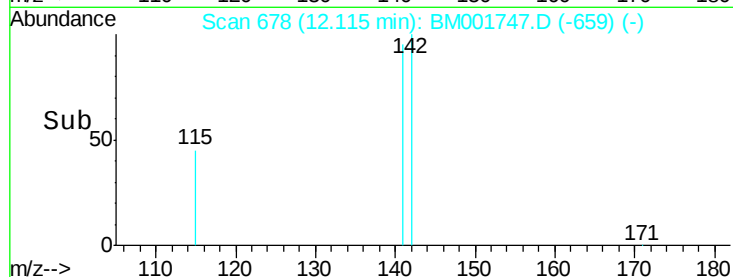
115 50.1 34.1 51.1



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: 14.32 min Scan# 878

Delta R.T. -0.00 min

Lab File: BM001747.D

Acq: 18 Jun 2015 21:23

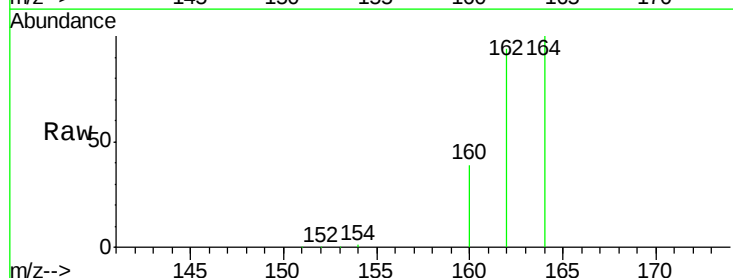
Tgt Ion:164 Resp: 26815

Ion Ratio Lower Upper

164 100

162 93.8 76.6 114.8

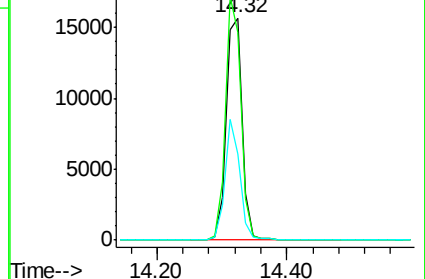
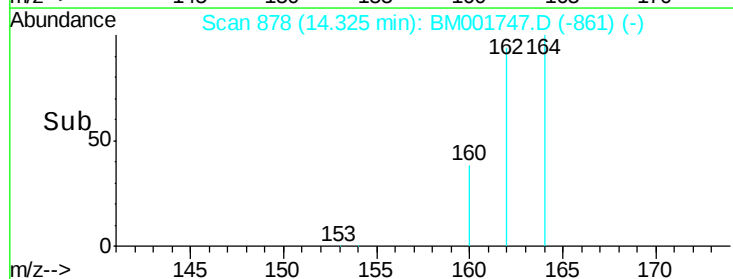
160 38.6 31.8 47.8

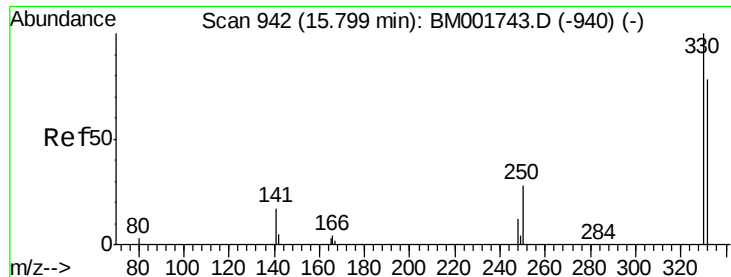


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

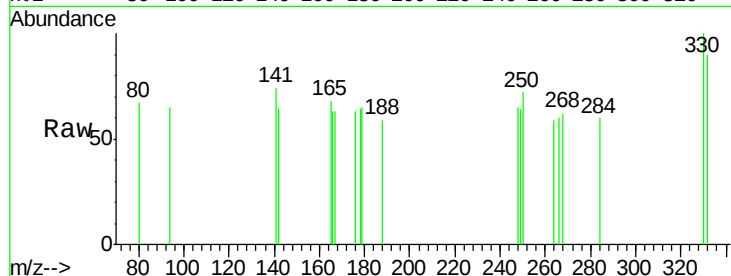




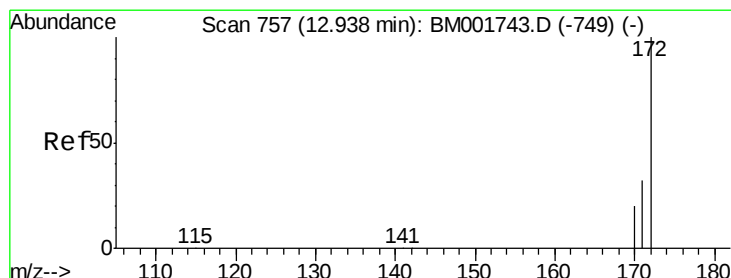
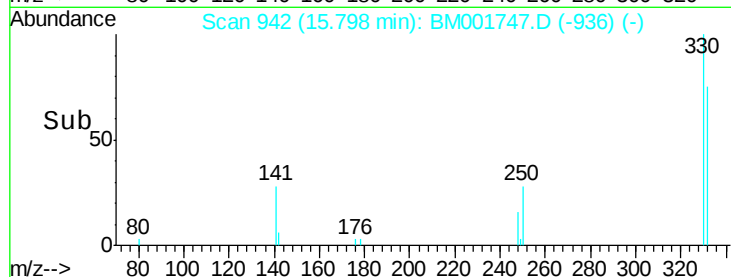
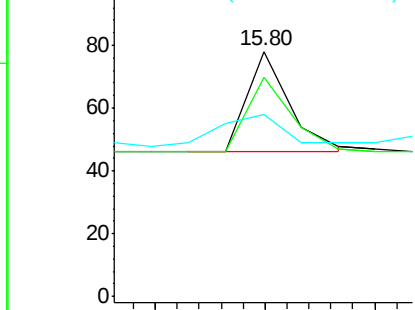
#13
 2,4,6-Tribromophenol
 Concen: 0.09 ng
 RT: 15.80 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: BM001747.D
 Acq: 18 Jun 2015 21:23

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.1

Tgt Ion: 330 Resp: 86
 Ion Ratio Lower Upper
 330 100
 332 77.9 65.8 98.8
 141 45.3 0.0 0.0#

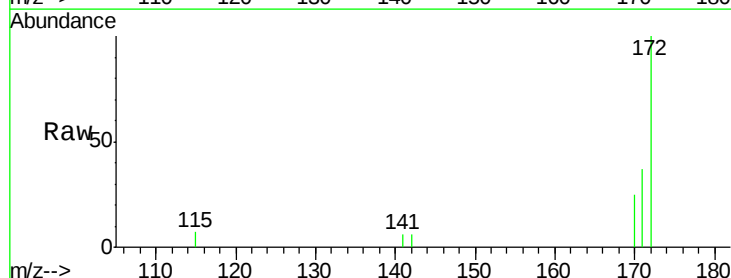


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

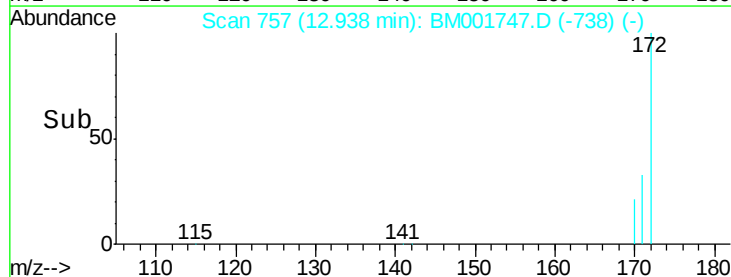
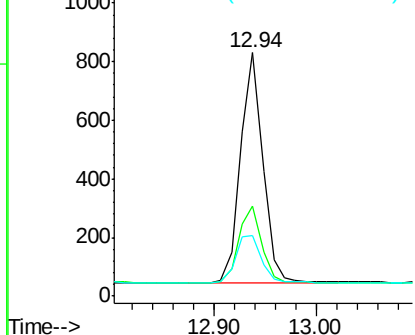


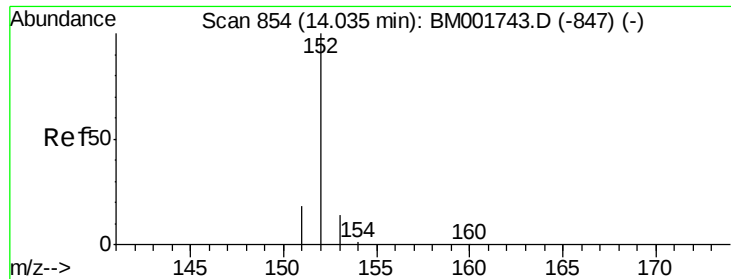
#14
 2-Fluorobiphenyl
 Concen: 0.13 ng
 RT: 12.94 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BM001747.D
 Acq: 18 Jun 2015 21:23

Tgt Ion: 172 Resp: 1190
 Ion Ratio Lower Upper
 172 100
 171 36.7 26.2 39.2
 170 25.0 16.6 24.8#



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

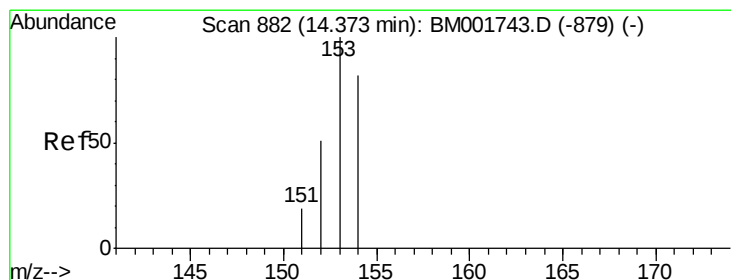
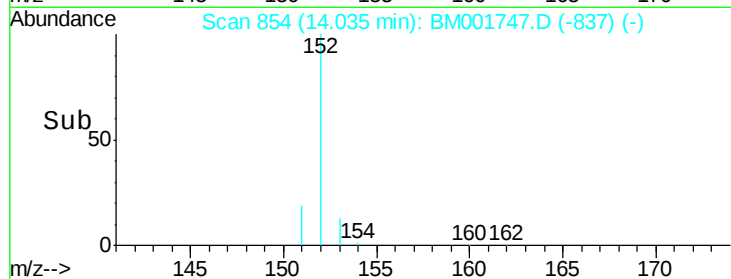
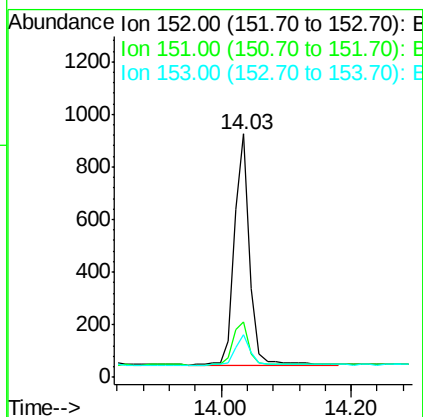
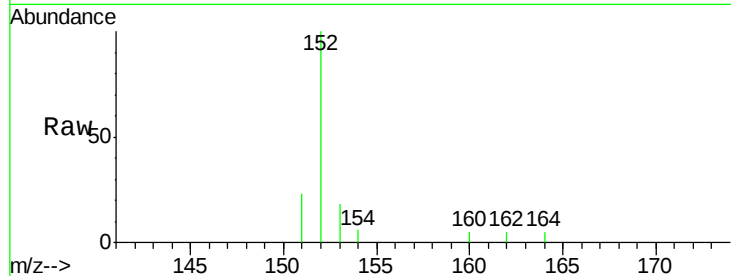




#15
Acenaphthylene
Concen: 0.11 ng
RT: 14.03 min Scan# 854
Delta R.T. -0.00 min
Lab File: BM001747.D
Acq: 18 Jun 2015 21:23

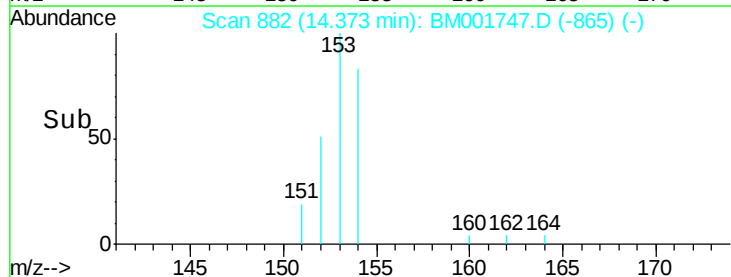
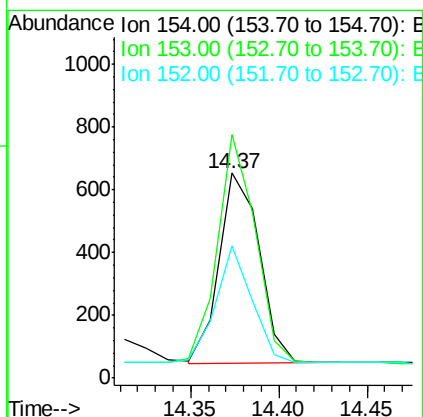
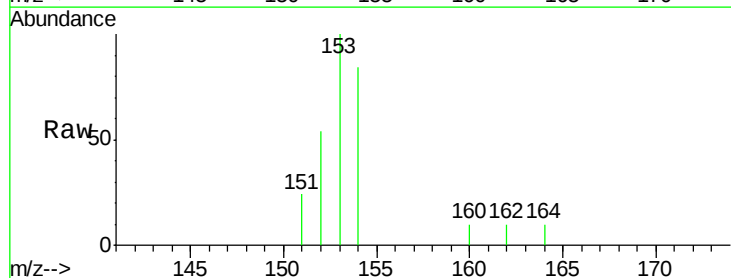
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.1

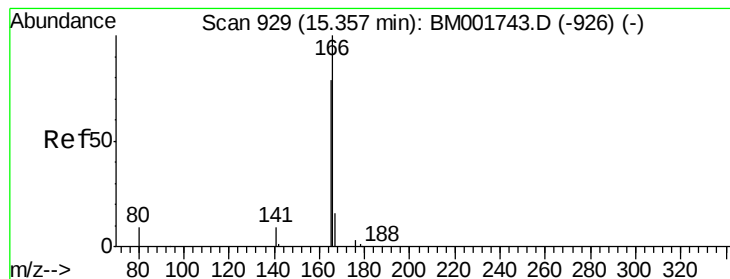
Tgt Ion:152 Resp: 1434
Ion Ratio Lower Upper
152 100
151 19.9 15.4 23.2
153 13.0 10.4 15.6



#16
Acenaphthene
Concen: 0.12 ng
RT: 14.37 min Scan# 882
Delta R.T. -0.00 min
Lab File: BM001747.D
Acq: 18 Jun 2015 21:23

Tgt Ion:154 Resp: 967
Ion Ratio Lower Upper
154 100
153 115.0 90.0 135.0
152 56.0 44.2 66.4





#17

Fluorene

Concen: 0.11 ng

RT: 15.36 min Scan# 929

Delta R.T. -0.00 min

Lab File: BM001747.D

Acq: 18 Jun 2015 21:23

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

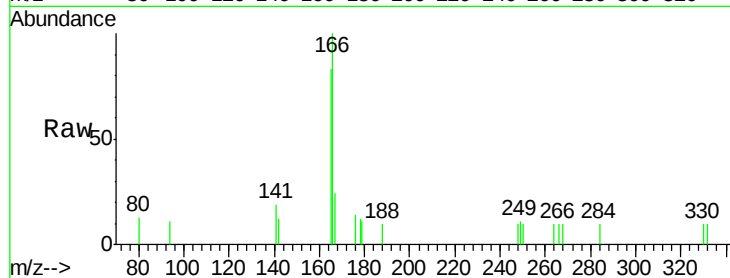
Tgt Ion:166 Resp: 933

Ion Ratio Lower Upper

166 100

165 85.9 68.2 102.2

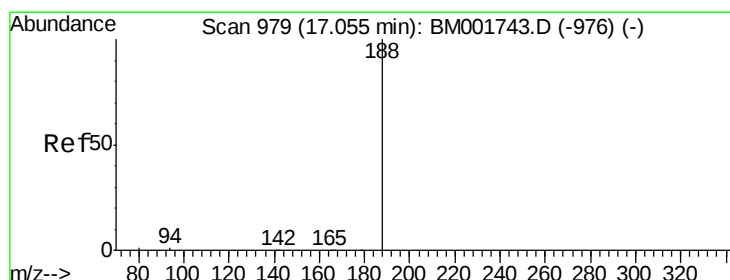
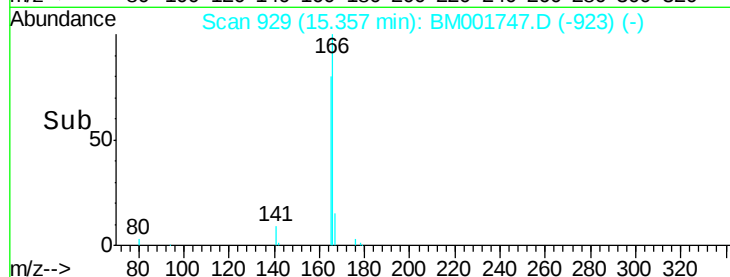
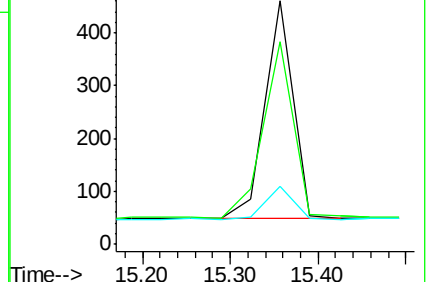
167 15.3 12.2 18.2



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: BM001747.D

Acq: 18 Jun 2015 21:23

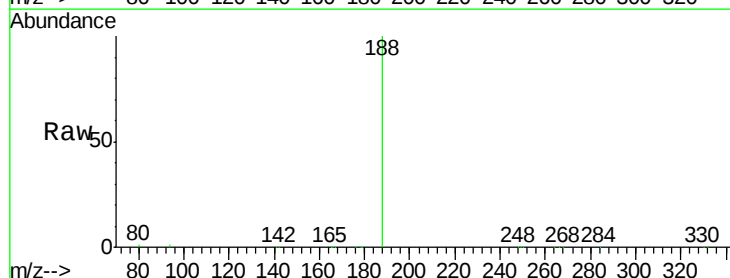
Tgt Ion:188 Resp: 65818

Ion Ratio Lower Upper

188 100

94 1.5 1.3 1.9

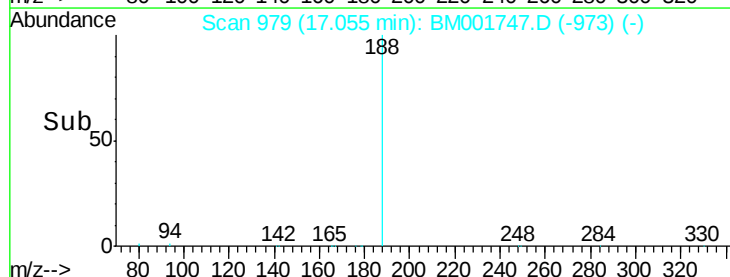
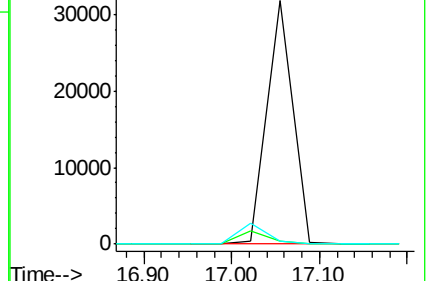
80 1.2 1.0 1.6

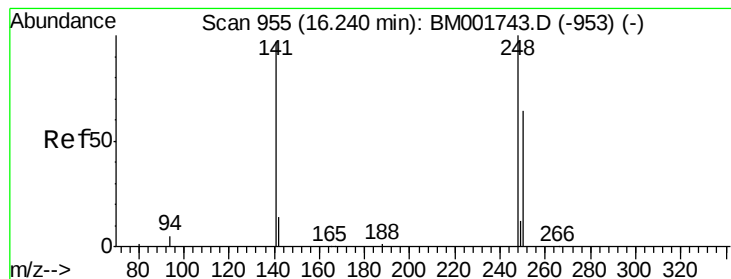


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#19

4-Bromophenyl-phenylether

Concen: 0.05 ng

RT: 16.24 min Scan# 955

Delta R.T. -0.00 min

Lab File: BM001747.D

Acq: 18 Jun 2015 21:23

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.1

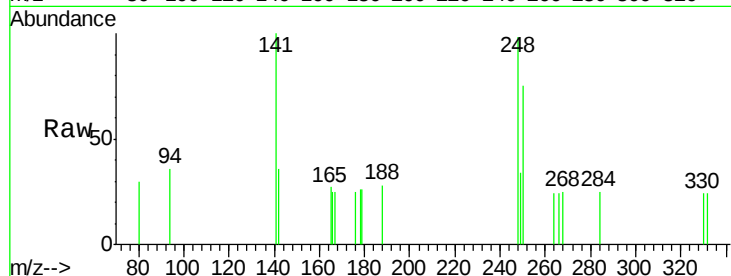
Tgt Ion:248 Resp: 314

Ion Ratio Lower Upper

248 100

250 73.2 54.8 82.2

141 100.6 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

16.24

200

150

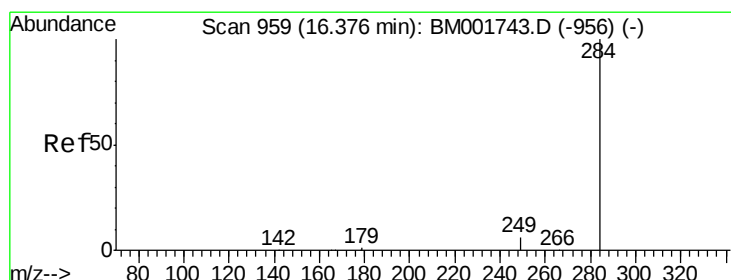
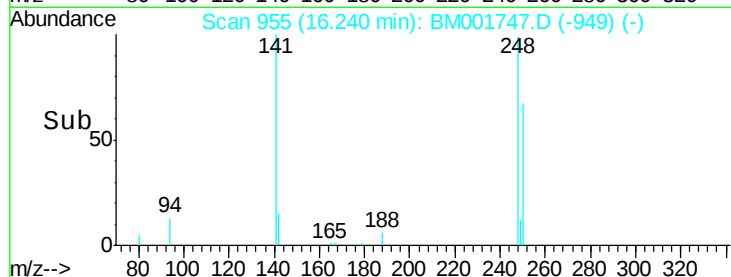
100

50

0

16.20 16.30

Time-->



#20

Hexachlorobenzene

Concen: 0.05 ng

RT: 16.38 min Scan# 959

Delta R.T. -0.00 min

Lab File: BM001747.D

Acq: 18 Jun 2015 21:23

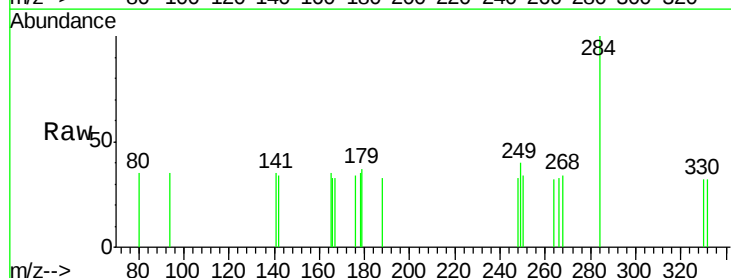
Tgt Ion:284 Resp: 251

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

16.38

200

150

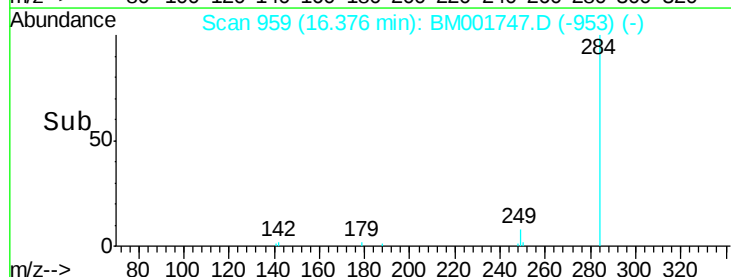
100

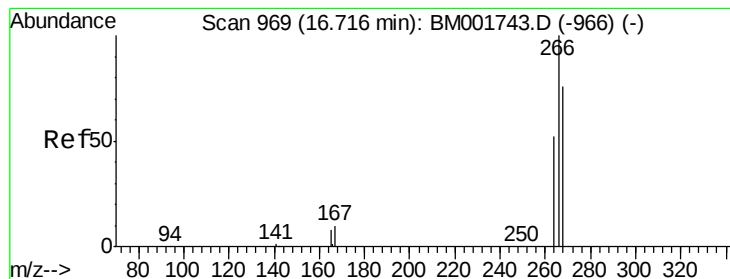
50

0

16.20 16.30 16.40

Time-->





#21

Pentachlorophenol

Concen: 0.06 ng

RT: 16.72 min Scan# 969

Delta R.T. -0.00 min

Lab File: BM001747.D

Acq: 18 Jun 2015 21:23

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

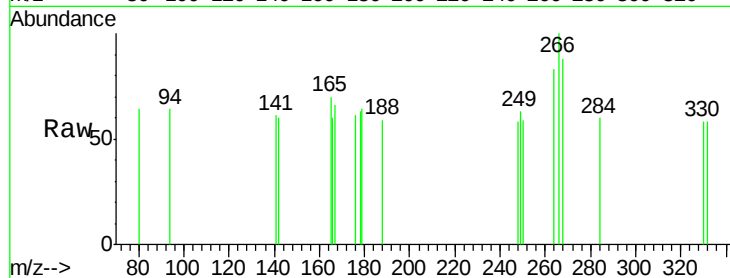
Tgt Ion:266 Resp: 86

Ion Ratio Lower Upper

266 100

268 87.5 63.2 94.8

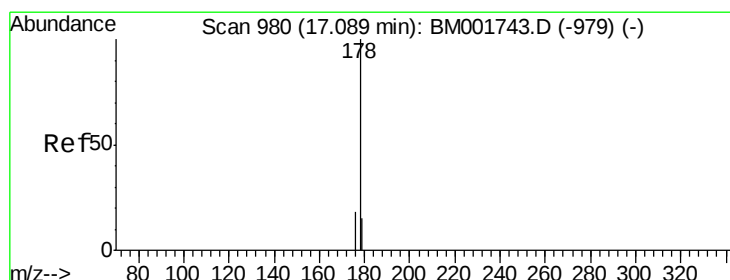
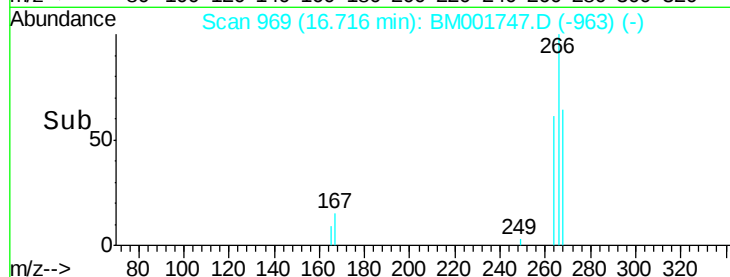
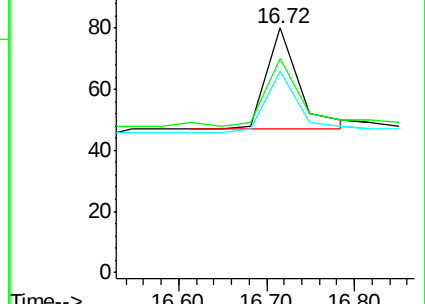
264 82.5 46.2 69.2#



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: 0.12 ng

RT: 17.09 min Scan# 980

Delta R.T. -0.00 min

Lab File: BM001747.D

Acq: 18 Jun 2015 21:23

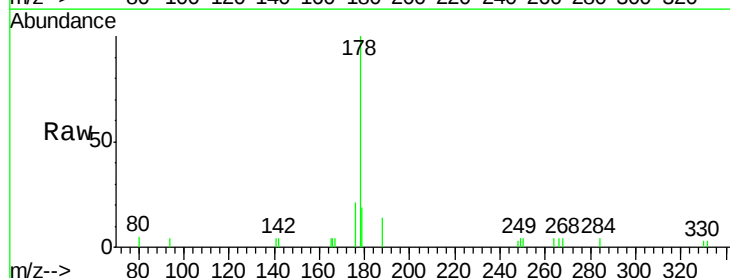
Tgt Ion:178 Resp: 2658

Ion Ratio Lower Upper

178 100

176 17.7 15.4 23.2

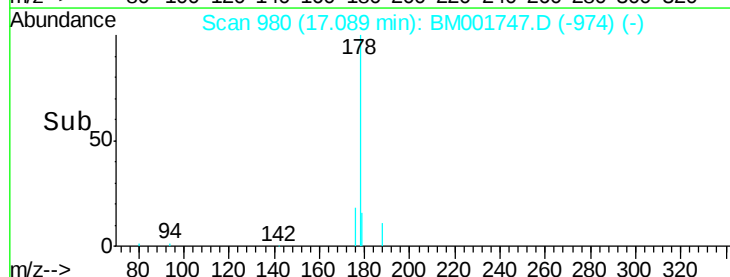
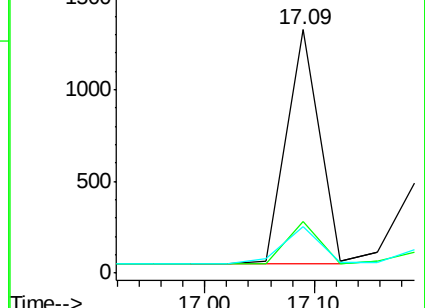
179 17.9 12.6 19.0

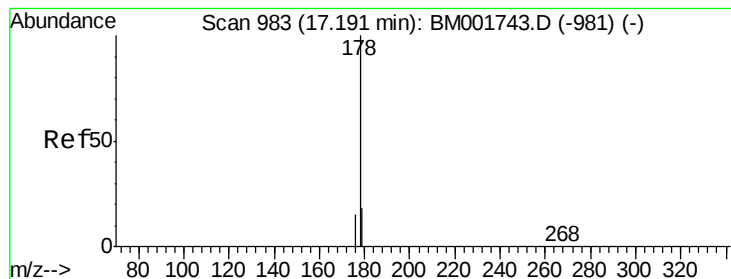


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 0.04 ng

RT: 17.19 min Scan# 983

Delta R.T. -0.00 min

Lab File: BM001747.D

Acq: 18 Jun 2015 21:23

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

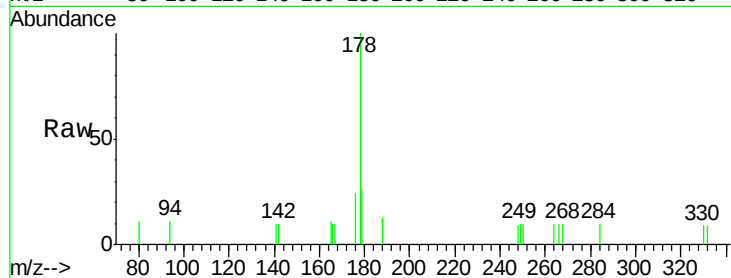
Tgt Ion:178 Resp: 907

Ion Ratio Lower Upper

178 100

176 15.1 10.0 15.0#

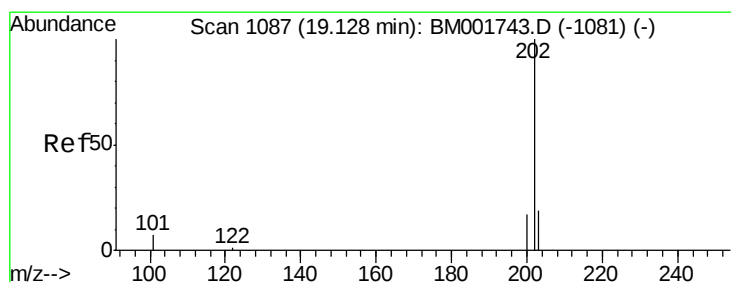
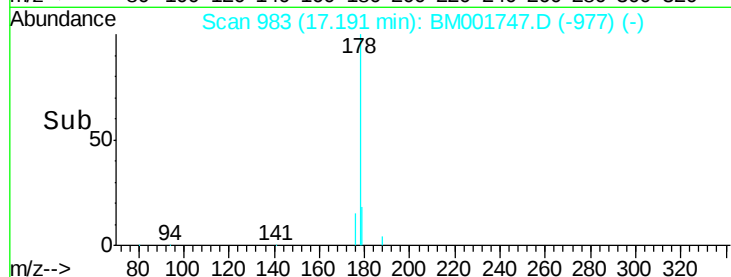
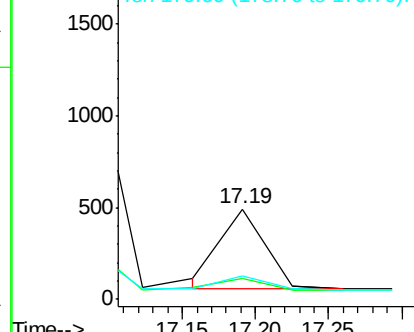
179 17.5 12.3 18.5



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: 0.06 ng

RT: 19.12 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BM001747.D

Acq: 18 Jun 2015 21:23

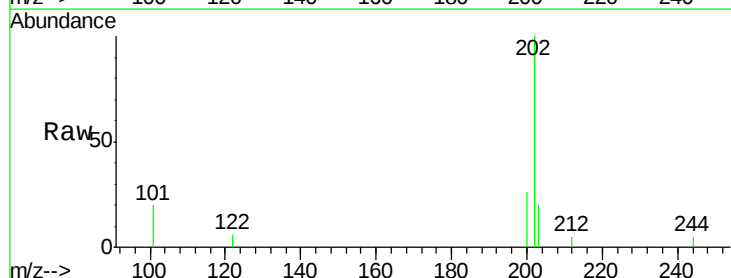
Tgt Ion:202 Resp: 1651

Ion Ratio Lower Upper

202 100

101 13.4 10.8 16.2

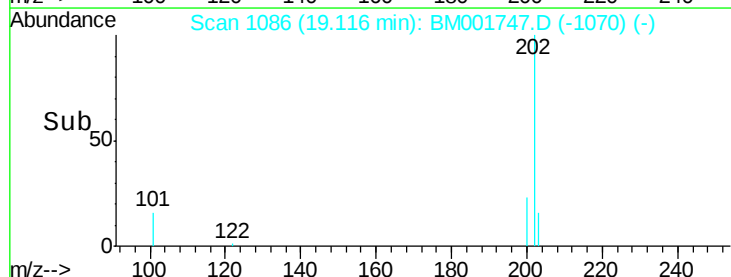
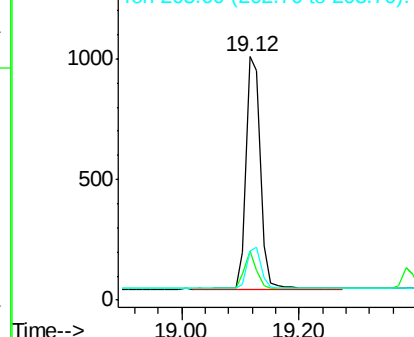
203 17.6 13.8 20.6

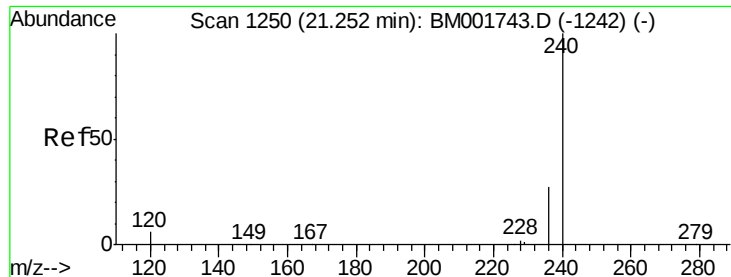


Abundance Ion 202.00 (201.70 to 202.70): E

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: BM001747.D

Acq: 18 Jun 2015 21:23

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

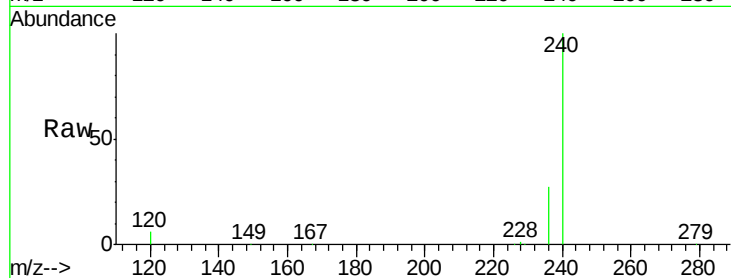
Tgt Ion:240 Resp: 39814

Ion Ratio Lower Upper

240 100

120 6.2 4.7 7.1

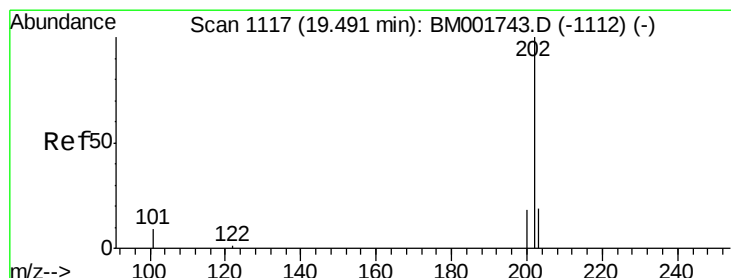
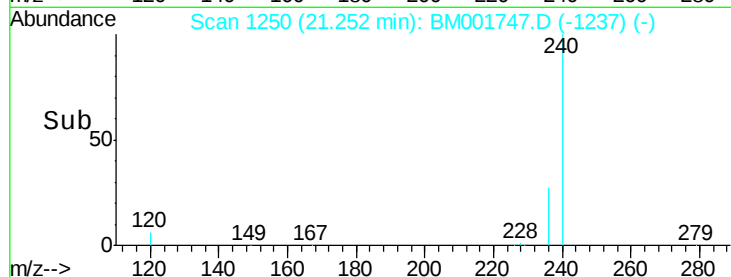
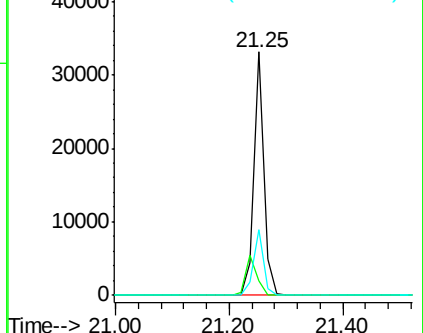
236 27.0 21.6 32.4



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: 0.12 ng

RT: 19.49 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BM001747.D

Acq: 18 Jun 2015 21:23

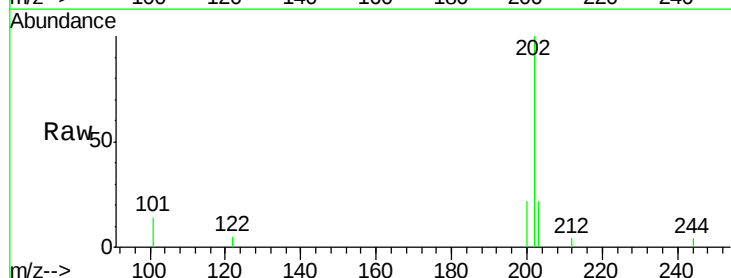
Tgt Ion:202 Resp: 1692

Ion Ratio Lower Upper

202 100

200 20.9 16.6 24.8

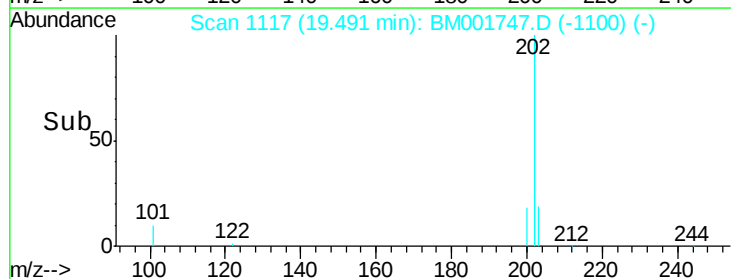
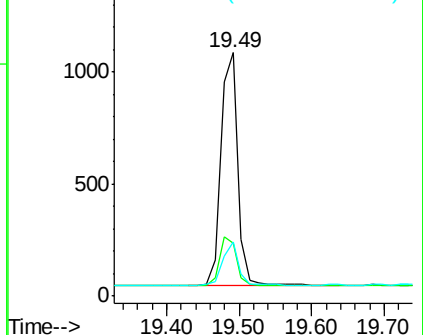
203 17.0 13.9 20.9

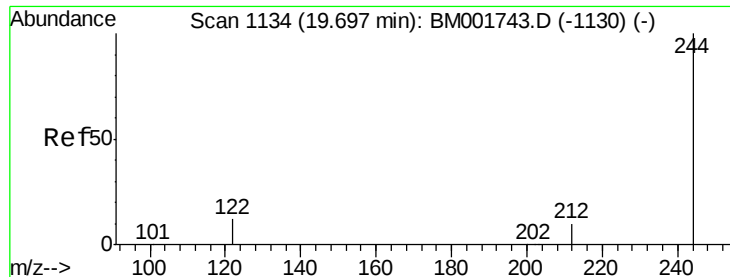


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Terphenyl-d14

Concen: 0.12 ng

RT: 19.70 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BM001747.D

Acq: 18 Jun 2015 21:23

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

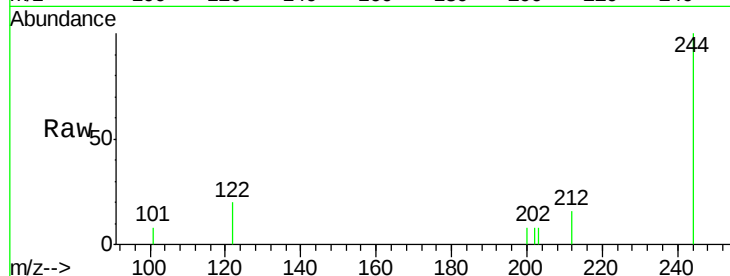
Tgt Ion:244 Resp: 725

Ion Ratio Lower Upper

244 100

212 16.5 8.6 13.0#

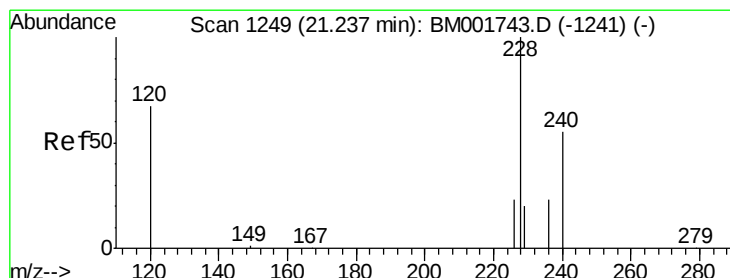
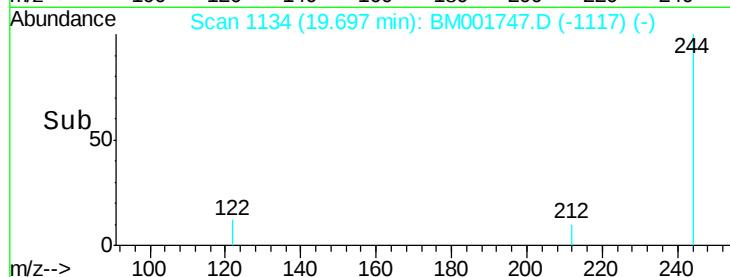
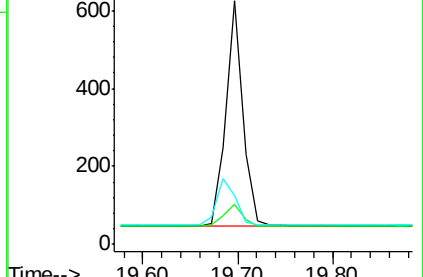
122 20.0 10.6 15.8#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#28

Benzo(a)anthracene

Concen: 0.12 ng

RT: 21.24 min Scan# 1249

Delta R.T. -0.00 min

Lab File: BM001747.D

Acq: 18 Jun 2015 21:23

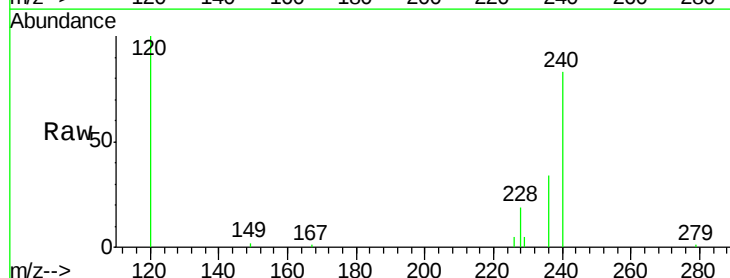
Tgt Ion:228 Resp: 1467

Ion Ratio Lower Upper

228 100

226 27.0 18.9 28.3

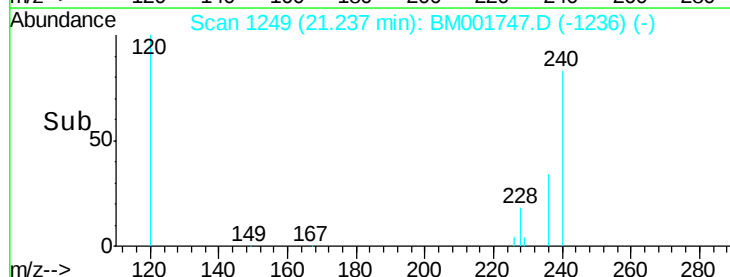
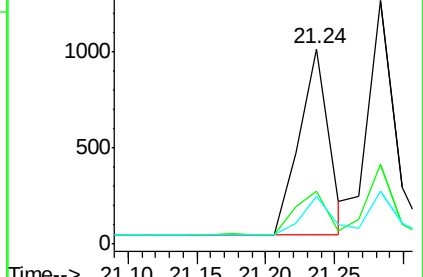
229 24.5 16.6 25.0

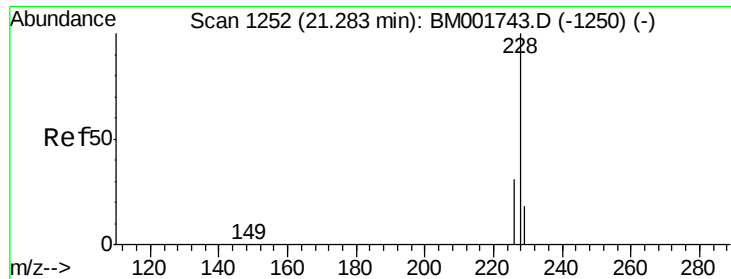


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Chrysene

Concen: 0.13 ng

RT: 21.28 min Scan# 1252

Delta R.T. -0.00 min

Lab File: BM001747.D

Acq: 18 Jun 2015 21:23

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

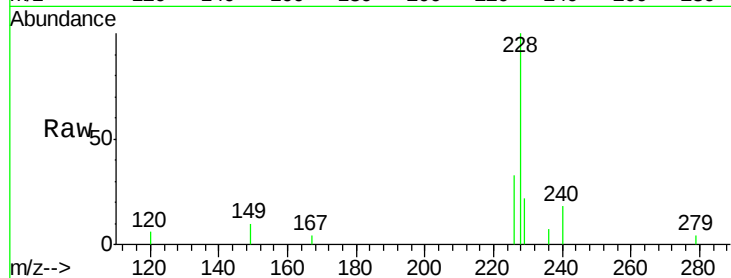
Tgt Ion:228 Resp: 1580

Ion Ratio Lower Upper

228 100

226 32.7 24.3 36.5

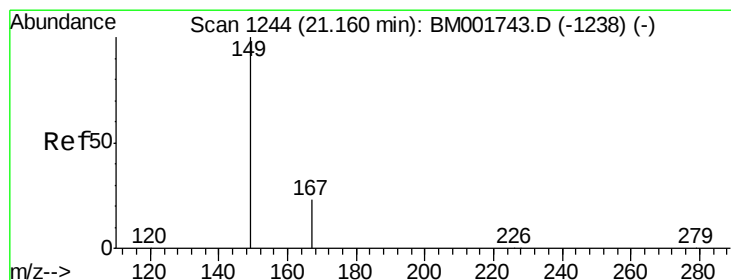
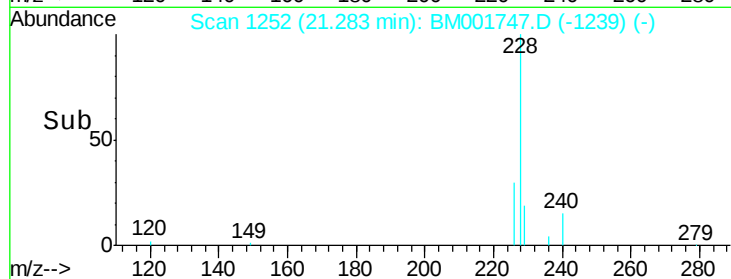
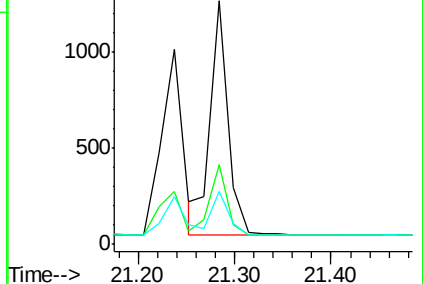
229 21.9 15.0 22.6



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: 0.12 ng

RT: 21.16 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BM001747.D

Acq: 18 Jun 2015 21:23

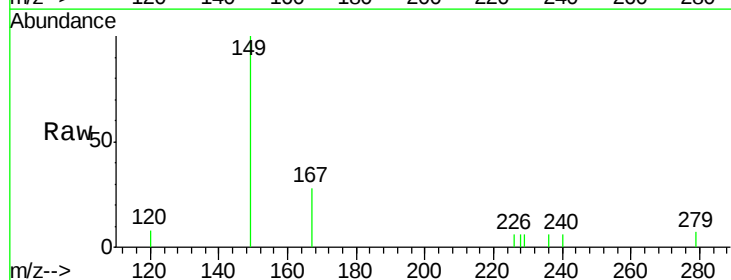
Tgt Ion:149 Resp: 948

Ion Ratio Lower Upper

149 100

167 23.6 19.7 29.5

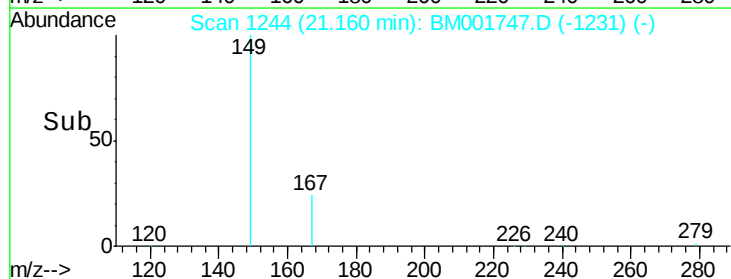
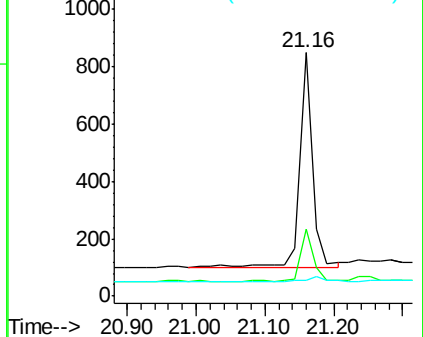
279 2.1 1.6 2.4

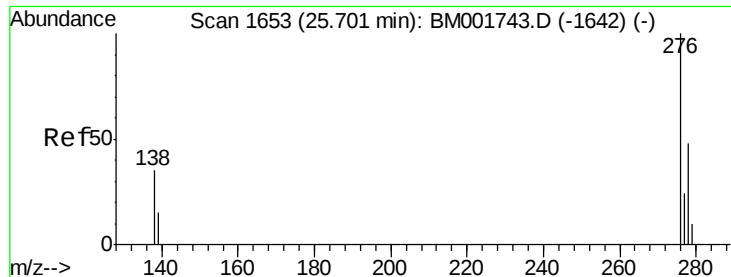


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.14 ng

RT: 25.70 min Scan# 1653

Delta R.T. -0.00 min

Lab File: BM001747.D

Acq: 18 Jun 2015 21:23

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

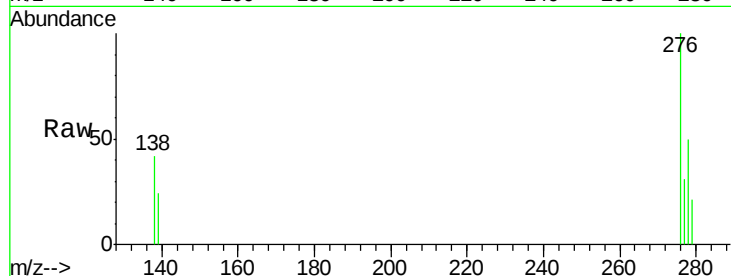
Tgt Ion:276 Resp: 1414

Ion Ratio Lower Upper

276 100

138 37.1 29.0 43.6

277 25.2 19.7 29.5



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

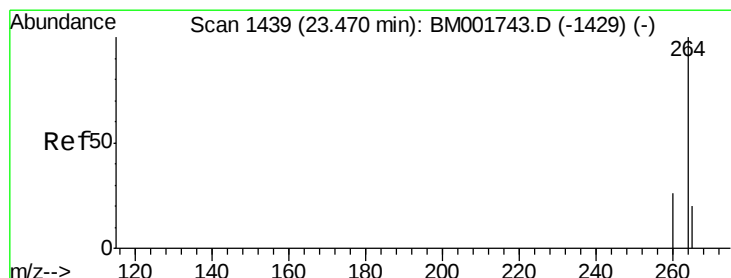
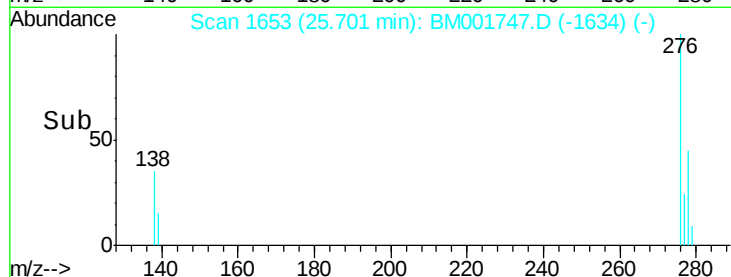
25.70

400

200

0

Time-->



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.47 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BM001747.D

Acq: 18 Jun 2015 21:23

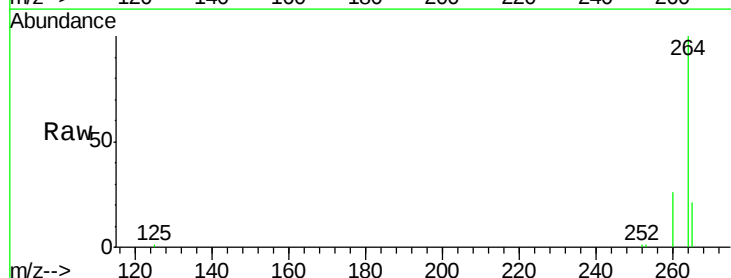
Tgt Ion:264 Resp: 34745

Ion Ratio Lower Upper

264 100

260 25.9 20.8 31.2

265 21.2 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

23.47

20000

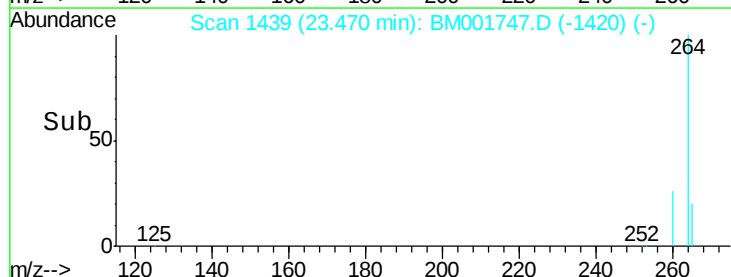
15000

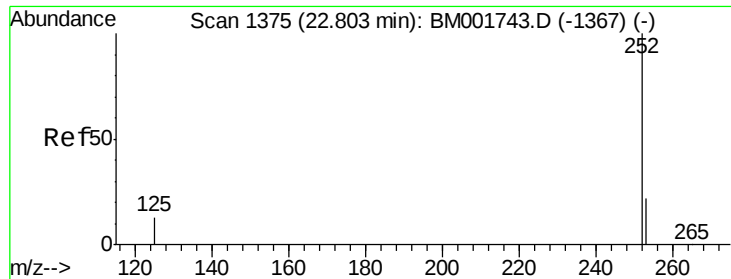
10000

5000

0

Time-->





#33

Benzo(b)fluoranthene

Concen: 0.12 ng

RT: 22.80 min Scan# 1375

Delta R.T. -0.00 min

Lab File: BM001747.D

Acq: 18 Jun 2015 21:23

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.1

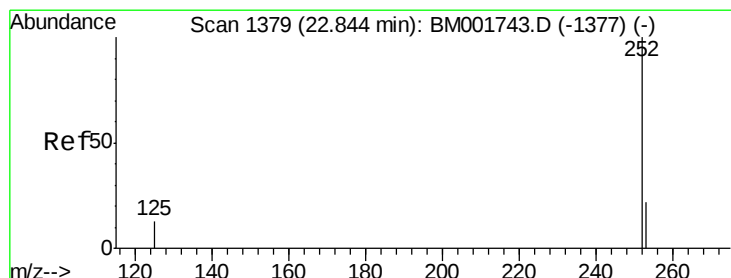
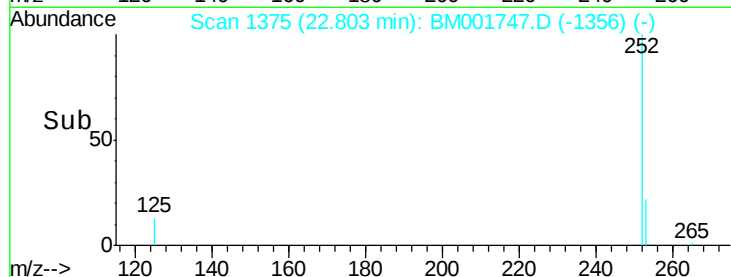
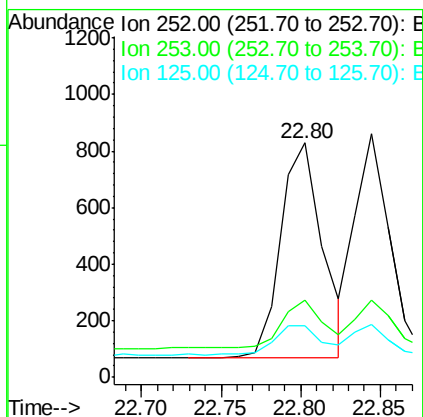
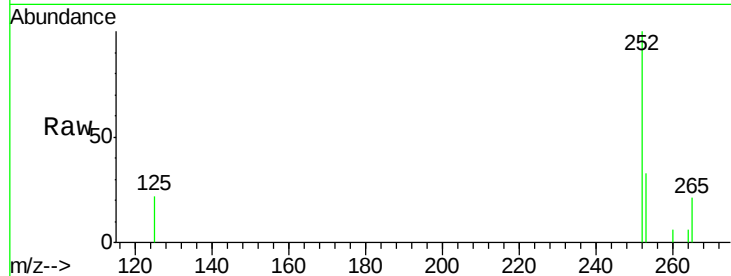
Tgt Ion:252 Resp: 1391

Ion Ratio Lower Upper

252 100

253 33.2 19.0 28.4#

125 22.1 11.3 16.9#



#34

Benzo(k)fluoranthene

Concen: 0.11 ng

RT: 22.84 min Scan# 1379

Delta R.T. -0.00 min

Lab File: BM001747.D

Acq: 18 Jun 2015 21:23

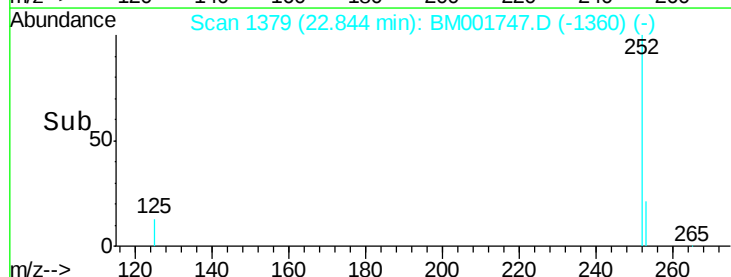
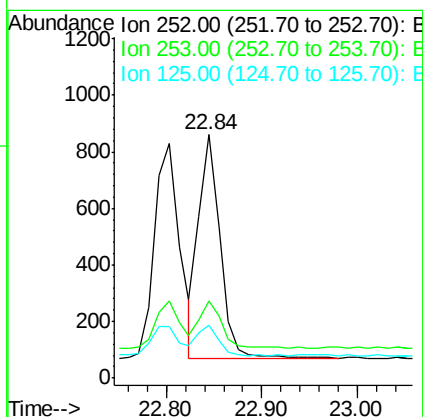
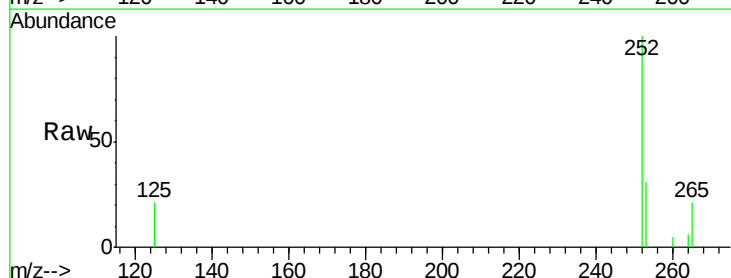
Tgt Ion:252 Resp: 1232

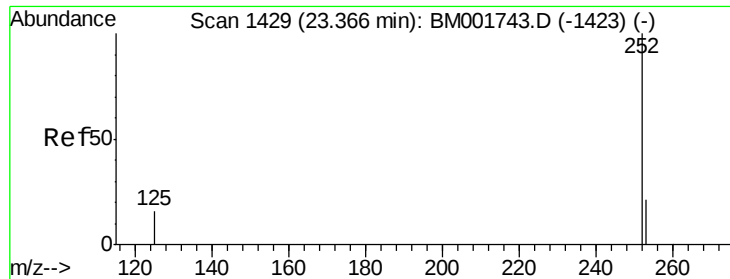
Ion Ratio Lower Upper

252 100

253 31.5 18.2 27.4#

125 21.5 11.8 17.6#





#35

Benzo(a)pyrene

Concen: 0.12 ng

RT: 23.38 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BM001747.D

Acq: 18 Jun 2015 21:23

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

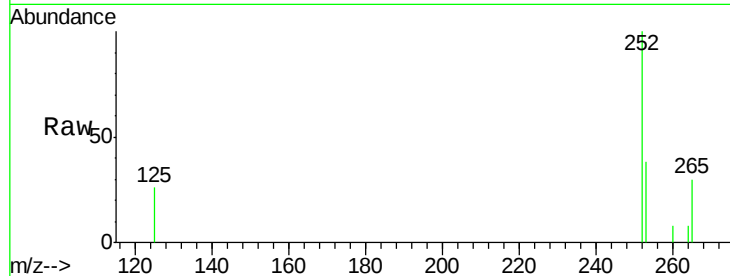
Tgt Ion: 252 Resp: 1134

Ion Ratio Lower Upper

252 100

253 37.8 17.9 26.9#

125 26.1 14.1 21.1#

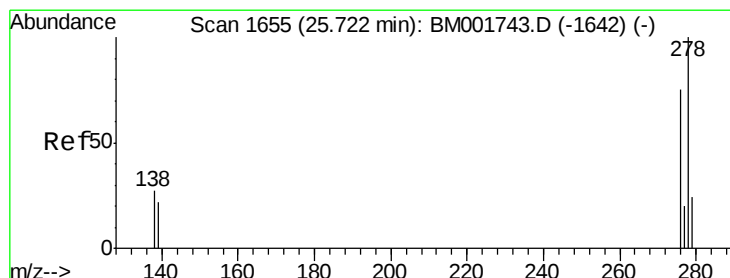
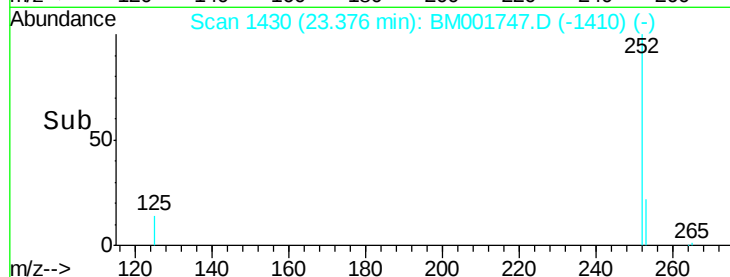
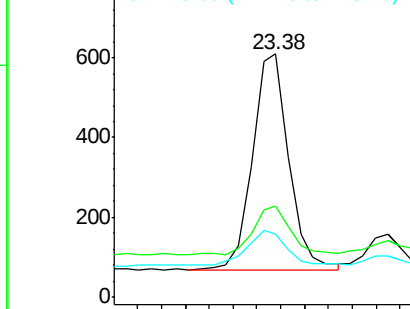


Abundance

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: 0.14 ng

RT: 25.72 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BM001747.D

Acq: 18 Jun 2015 21:23

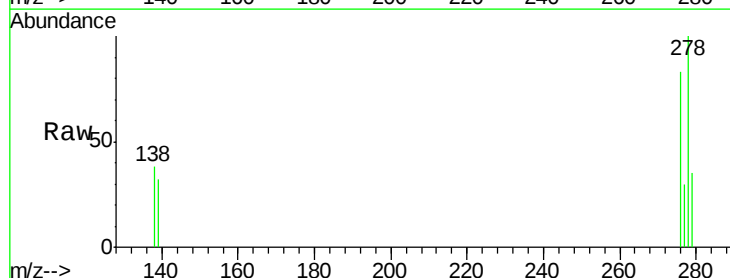
Tgt Ion: 278 Resp: 1131

Ion Ratio Lower Upper

278 100

139 31.6 18.4 27.6#

279 34.9 19.8 29.8#

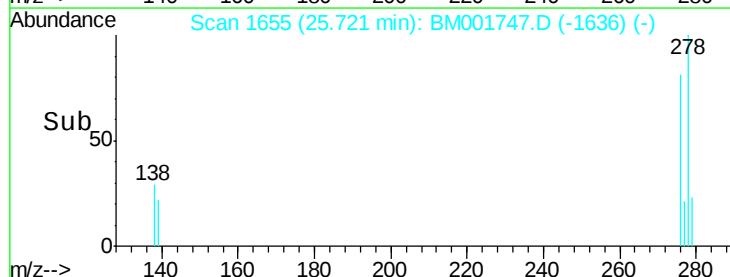
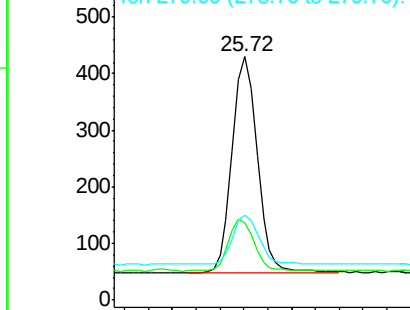


Abundance

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

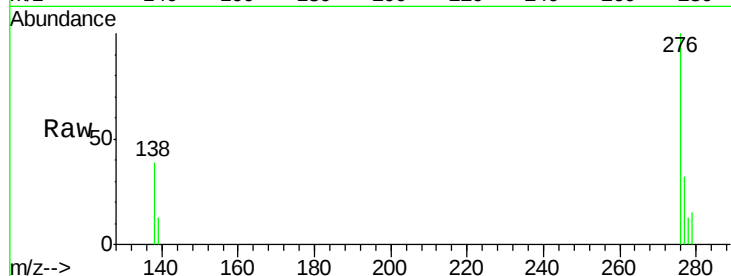




#37
 Benzo(g,h,i)perylene
 Concen: 0.14 ng
 RT: 26.39 min Scan# 1719
 Delta R.T. -0.00 min
 Lab File: BM001747.D
 Acq: 18 Jun 2015 21:23

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.1

Tgt Ion	Ratio	Lower	Upper
276	100		
277	31.8	19.3	28.9#
138	38.8	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

