

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122415\
 Data File : BM003748.D
 Acq On : 23 Dec 2015 18:07
 Operator : UM/SJ
 Sample : SSTDICC0.5
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 24 01:26:54 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 01:22:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	44711	5.00	ng	0.00
7) Naphthalene-d8	10.48	136	184797	5.00	ng	0.00
13) Acenaphthene-d10	14.33	164	105484	5.00	ng	0.00
19) Phenanthrene-d10	17.09	188	192910	5.00	ng	0.03
26) Chrysene-d12	21.29	240	203273	5.00	ng	0.00
35) Perylene-d12	23.53	264	176917	5.00	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	5113	0.56	ng	0.00
5) Phenol-d6	6.87	99	6041	0.55	ng	0.00
8) Nitrobenzene-d5	8.85	82	4580	0.53	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	1390	0.63	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	15249	0.48	ng	0.00
29) Terphenyl-d14	19.72	244	16653	0.50	ng	0.00

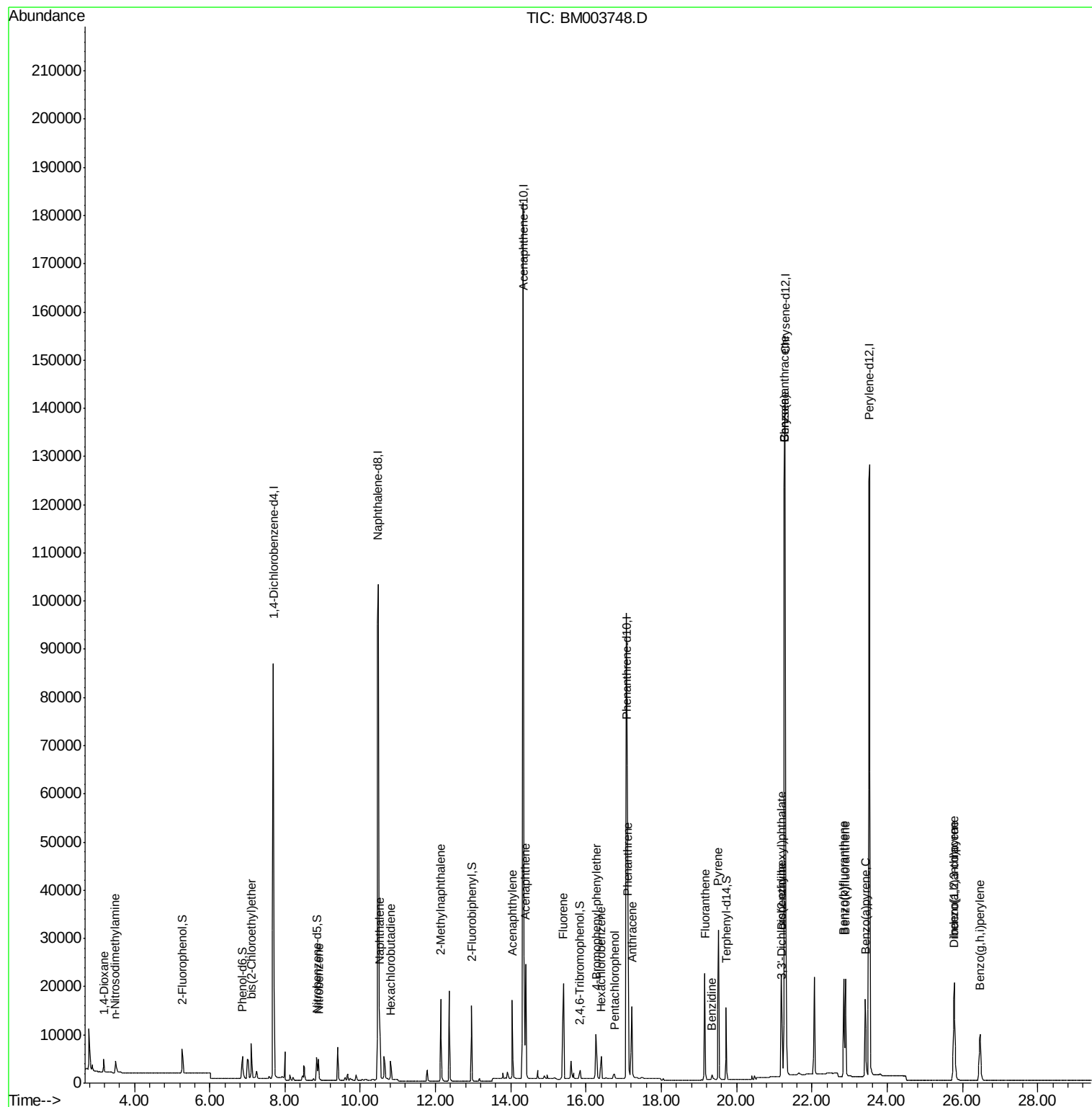
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.18	88	2204	0.54	ng	98
3) n-Nitrosodimethylamine	3.49	42	2236	0.54	ng	# 97
6) bis(2-Chloroethyl)ether	7.11	93	5453	0.51	ng	99
9) Nitrobenzene	8.89	77	5149	0.55	ng	100
10) Naphthalene	10.51	128	20384	0.51	ng	99
11) Hexachlorobutadiene	10.80	225	3180	0.52	ng	99
12) 2-Methylnaphthalene	12.14	142	13479	0.50	ng	99
16) Acenaphthylene	14.04	152	21428	0.52	ng	100
17) Acenaphthene	14.39	154	14966	0.53	ng	100
18) Fluorene	15.39	166	17018	0.54	ng	100
20) 4-Bromophenyl-phenylether	16.27	248	5605	0.90	ng	98
21) Hexachlorobenzene	16.40	284	5461	0.76	ng	# 100
22) Pentachlorophenol	16.76	266	1279	0.60	ng	99
23) Phenanthrene	17.11	178	33602	0.83	ng	100
24) Anthracene	17.22	178	23506	0.59	ng	100
25) Fluoranthene	19.16	202	31028	0.77	ng	100
27) Benzidine	19.35	184	2291	0.14	ng	# 84
28) Pyrene	19.52	202	33267	0.45	ng	100
30) Benzo(a)anthracene	21.27	228	28580	0.52	ng	98
31) 3,3'-Dichlorobenzidine	21.21	252	9196	0.64	ng	# 94
32) Chrysene	21.27	228	28560	0.45	ng	# 86
33) Bis(2-ethylhexyl)phthalate	21.19	149	21149	0.75	ng	# 100
34) Indeno(1,2,3-cd)pyrene	25.78	276	22637	0.47	ng	100
36) Benzo(b)fluoranthene	22.85	252	27755	0.51	ng	99
37) Benzo(k)fluoranthene	22.89	252	24794	0.52	ng	99
38) Benzo(a)pyrene	23.42	252	23377	0.53	ng	98
39) Dibenzo(a,h)anthracene	25.79	278	18133	0.45	ng	98
40) Benzo(g,h,i)perylene	26.47	276	19184	0.45	ng	98

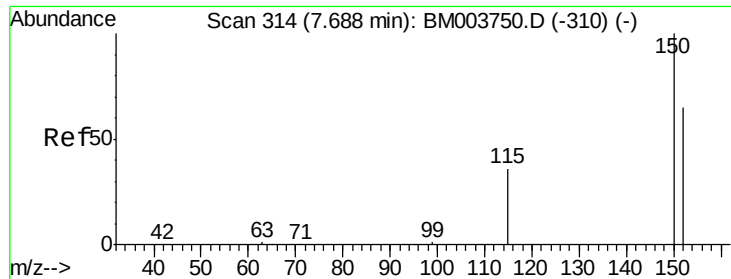
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.69 min Scan# 314

Delta R.T. 0.00 min

Lab File: BM003748.D

Acq: 23 Dec 2015 18:07

Instrument :

BNA_M

ClientSampleId :

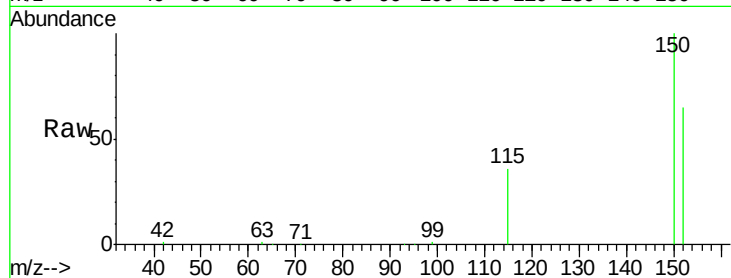
Tot Ion:152 Resp: 44711

Ion Ratio Lower Upper

152 100

150 153.0 122.9 184.3

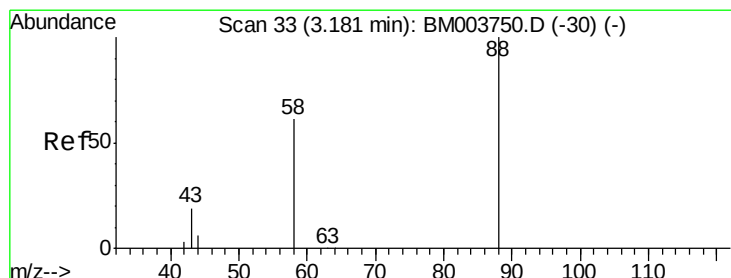
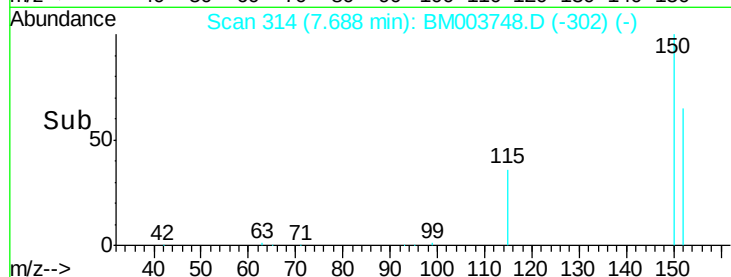
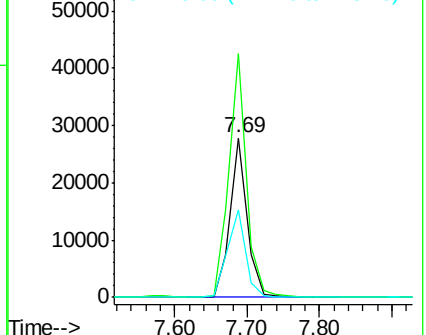
115 54.6 44.4 66.6



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: 0.54 ng

RT: 3.18 min Scan# 33

Delta R.T. 0.00 min

Lab File: BM003748.D

Acq: 23 Dec 2015 18:07

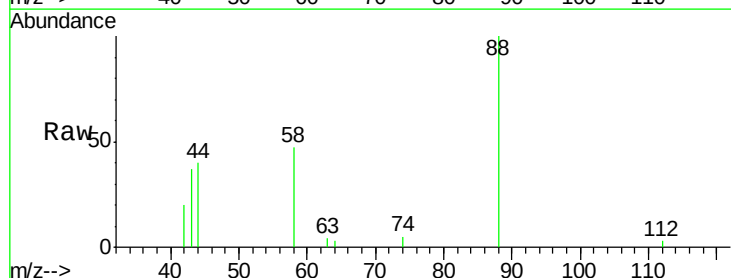
Tgt Ion: 88 Resp: 2204

Ion Ratio Lower Upper

88 100

58 65.2 53.8 80.6

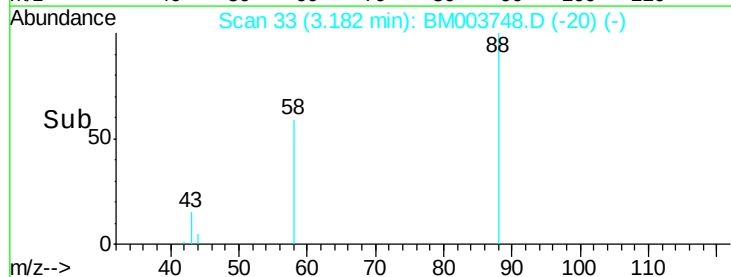
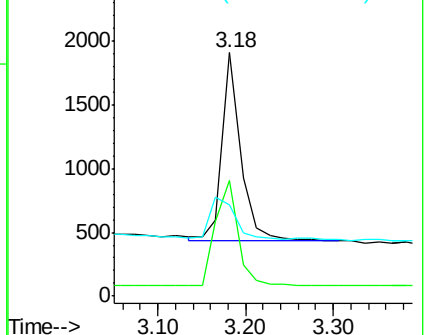
43 28.6 23.8 35.6

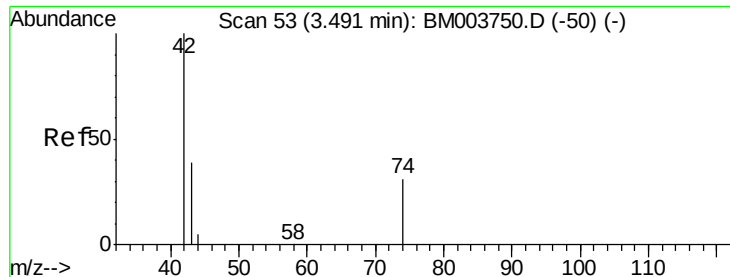


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.54 ng

RT: 3.49 min Scan# 53

Delta R.T. 0.00 min

Lab File: BM003748.D

Acq: 23 Dec 2015 18:07

Instrument :

BNA_M

ClientSampleId :

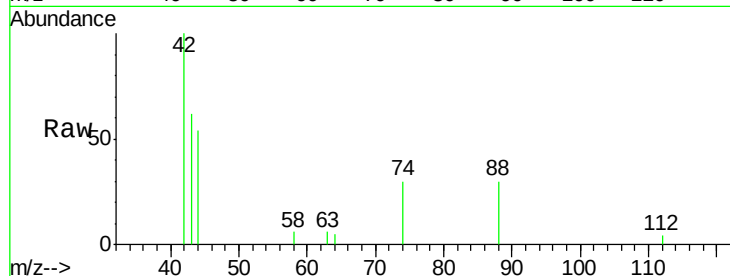
Tot Ion: 42 Resp: 2236

Ion Ratio Lower Upper

42 100

74 122.5 95.0 142.4

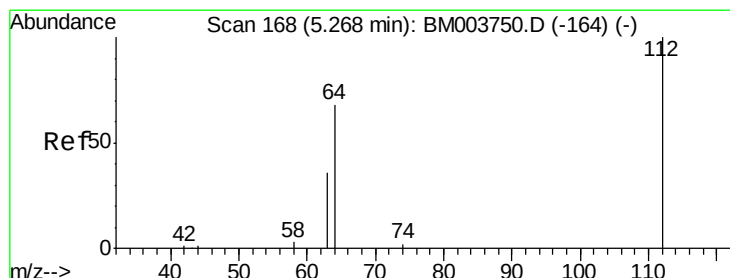
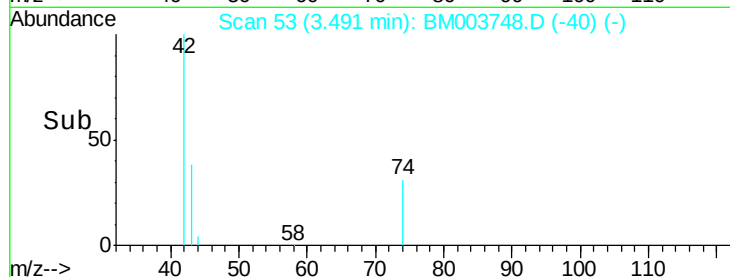
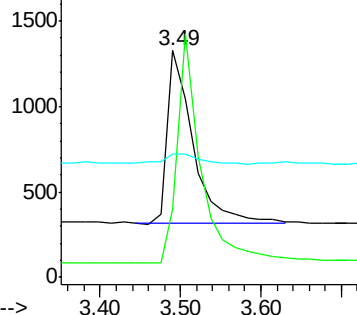
44 7.7 5.1 7.7#



Abundance Ion 42.00 (41.70 to 42.70): BM003750.D (-50) (-)

Ion 74.00 (73.70 to 74.70): BM003750.D (-50) (-)

Ion 44.00 (43.70 to 44.70): BM003750.D (-50) (-)



#4

2-Fluorophenol

Concen: 0.56 ng

RT: 5.27 min Scan# 168

Delta R.T. 0.00 min

Lab File: BM003748.D

Acq: 23 Dec 2015 18:07

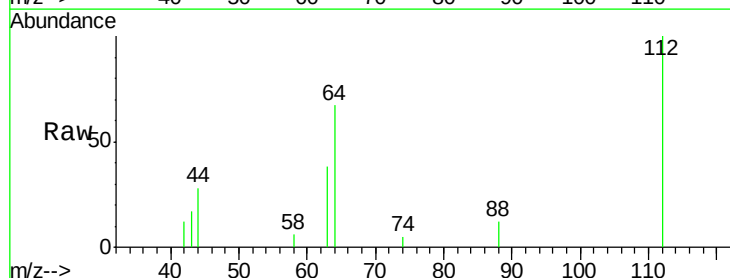
Tgt Ion: 112 Resp: 5113

Ion Ratio Lower Upper

112 100

64 51.9 41.8 62.8

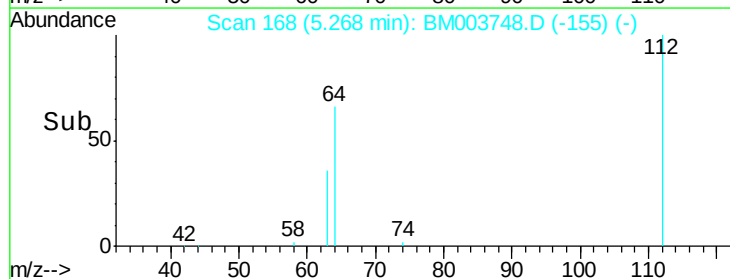
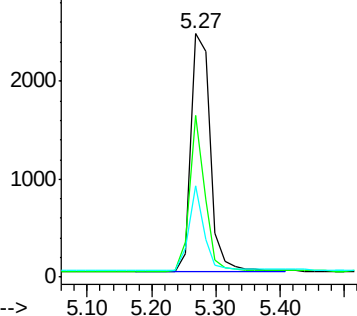
63 27.4 22.1 33.1

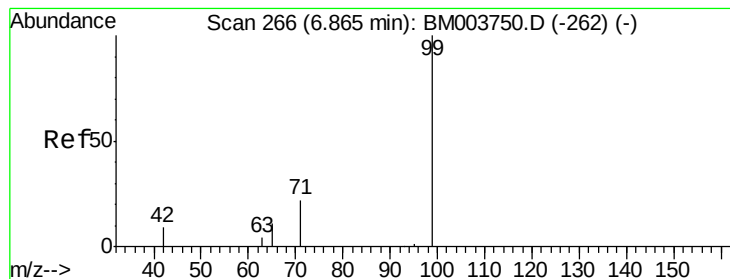


Abundance Ion 112.00 (111.70 to 112.70): BM003750.D (-164) (-)

Ion 64.00 (63.70 to 64.70): BM003750.D (-164) (-)

Ion 63.00 (62.70 to 63.70): BM003750.D (-164) (-)





#5

Phenol-d6

Concen: 0.55 ng

RT: 6.87 min Scan# 266

Delta R.T. 0.00 min

Lab File: BM003748.D

Acq: 23 Dec 2015 18:07

Instrument :

BNA_M

ClientSampleId :

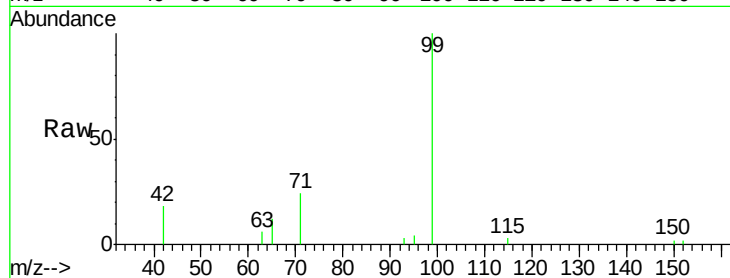
Tot Ion: 99 Resp: 6041

Ion Ratio Lower Upper

99 100

42 20.4 16.2 24.2

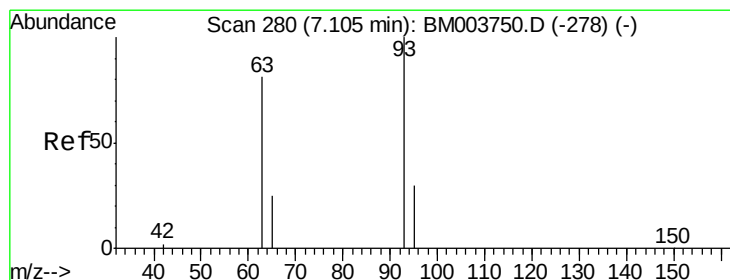
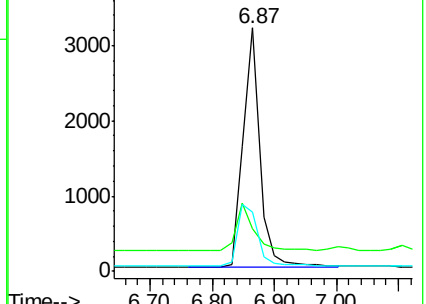
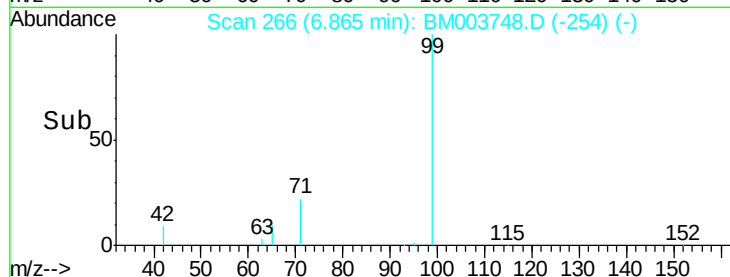
71 31.3 24.4 36.6



Abundance Ion 99.00 (98.70 to 99.70): BM003748.D (-262) (-)

Ion 42.00 (41.70 to 42.70): BM003748.D (-262) (-)

Ion 71.00 (70.70 to 71.70): BM003748.D (-262) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.51 ng

RT: 7.11 min Scan# 280

Delta R.T. 0.00 min

Lab File: BM003748.D

Acq: 23 Dec 2015 18:07

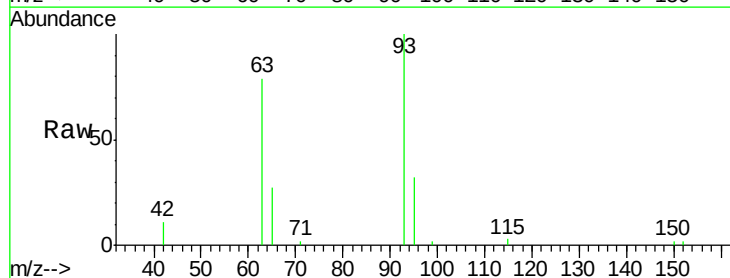
Tgt Ion: 93 Resp: 5453

Ion Ratio Lower Upper

93 100

63 72.3 58.3 87.5

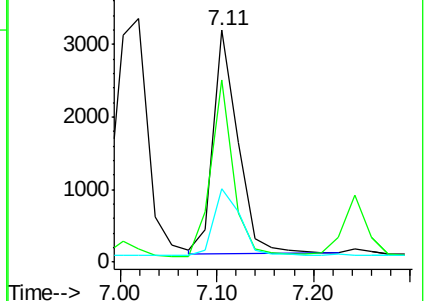
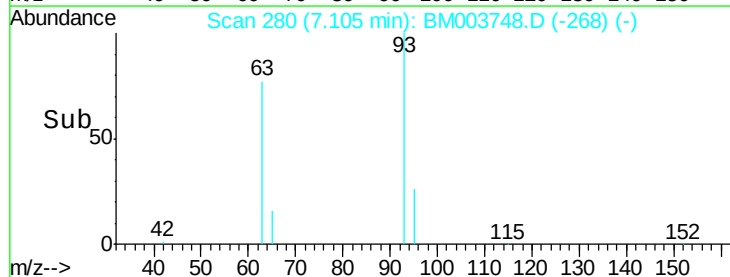
95 32.4 25.8 38.8

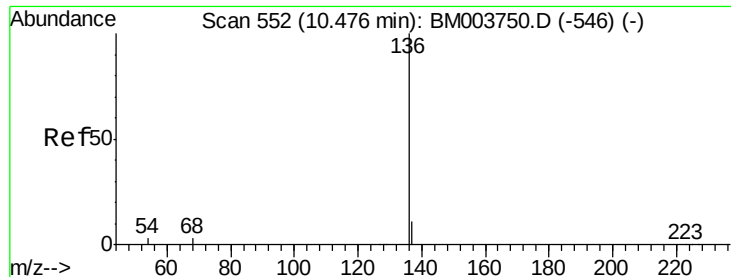


Abundance Ion 93.00 (92.70 to 93.70): BM003748.D (-278) (-)

Ion 63.00 (62.70 to 63.70): BM003748.D (-278) (-)

Ion 95.00 (94.70 to 95.70): BM003748.D (-278) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.48 min Scan# 552

Delta R.T. 0.00 min

Lab File: BM003748.D

Acq: 23 Dec 2015 18:07

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 184797

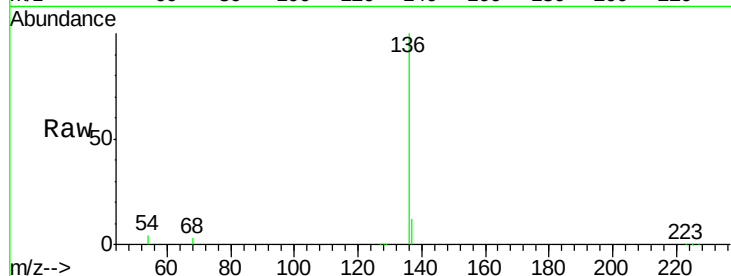
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 3.6 2.8 4.2

68 3.2 2.5 3.7

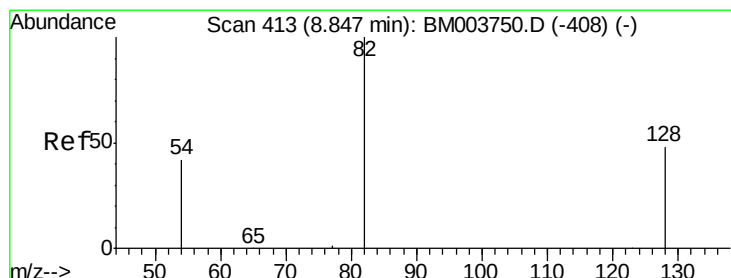
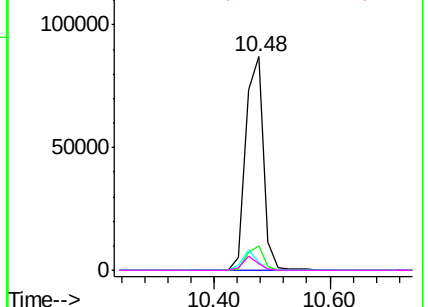
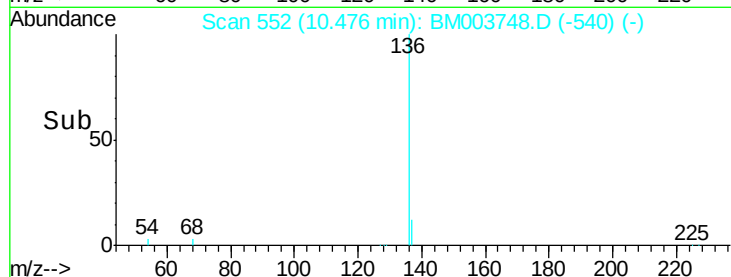


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#8

Nitrobenzene-d5

Concen: 0.53 ng

RT: 8.85 min Scan# 413

Delta R.T. 0.00 min

Lab File: BM003748.D

Acq: 23 Dec 2015 18:07

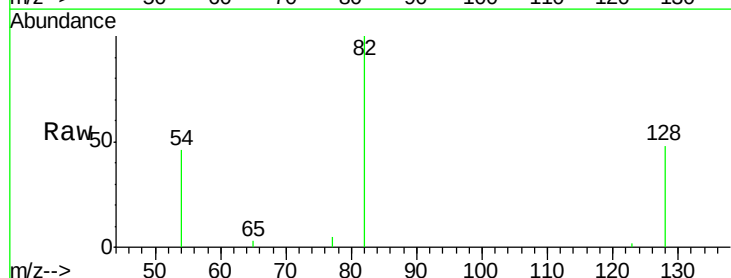
Tgt Ion: 82 Resp: 4580

Ion Ratio Lower Upper

82 100

128 48.5 39.1 58.7

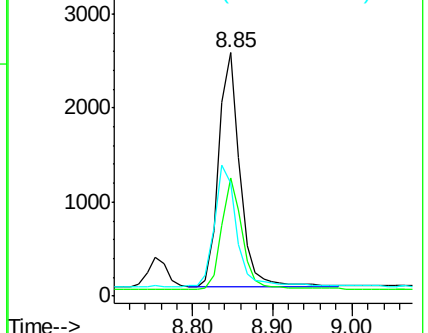
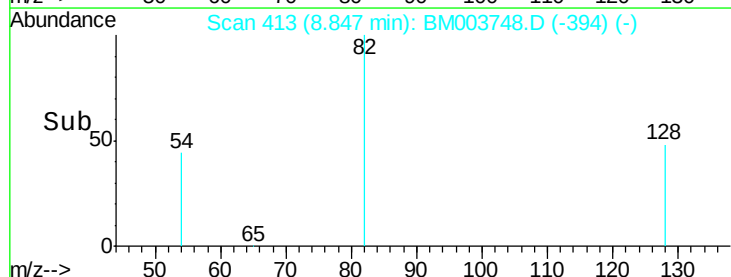
54 46.2 34.8 52.2

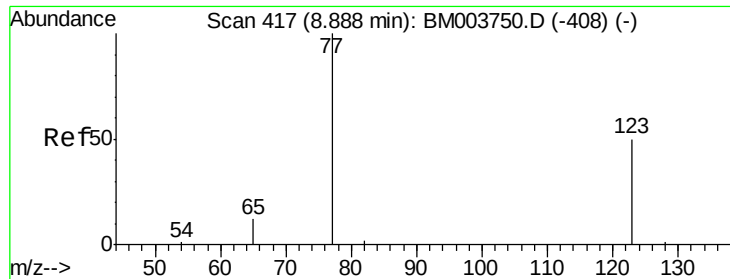


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 0.55 ng

RT: 8.89 min Scan# 417

Delta R.T. 0.00 min

Lab File: BM003748.D

Acq: 23 Dec 2015 18:07

Instrument :

BNA_M

ClientSampleId :

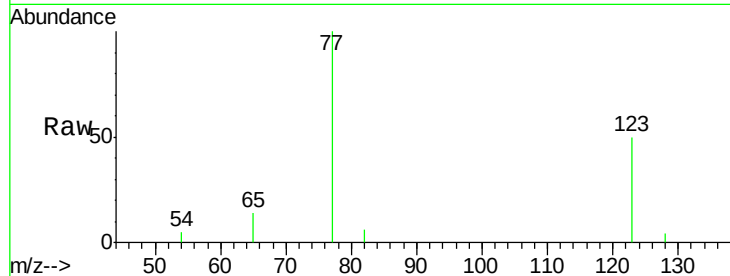
Tot Ion: 77 Resp: 5149

Ion Ratio Lower Upper

77 100

123 48.5 38.6 57.8

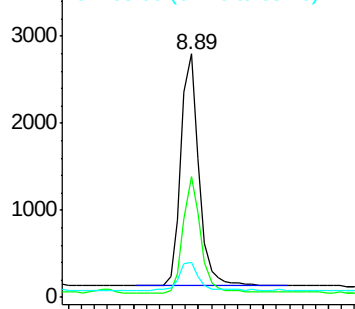
65 12.6 9.9 14.9



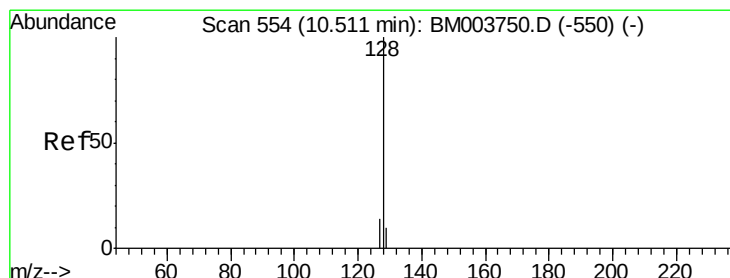
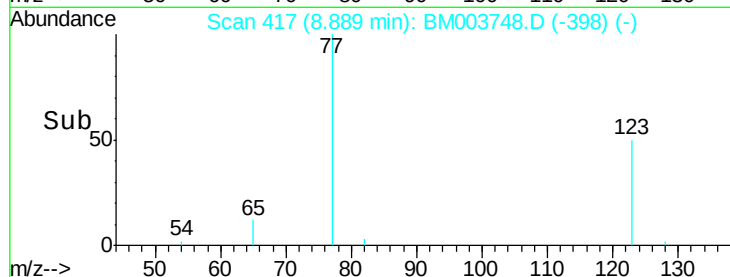
Abundance Ion 77.00 (76.70 to 77.70): BM003750.D (-408) (-)

Ion 123.00 (122.70 to 123.70): BM003750.D (-408) (-)

Ion 65.00 (64.70 to 65.70): BM003750.D (-408) (-)



Time--> 8.70 8.80 8.90 9.00 9.10



#10

Naphthalene

Concen: 0.51 ng

RT: 10.51 min Scan# 554

Delta R.T. 0.00 min

Lab File: BM003748.D

Acq: 23 Dec 2015 18:07

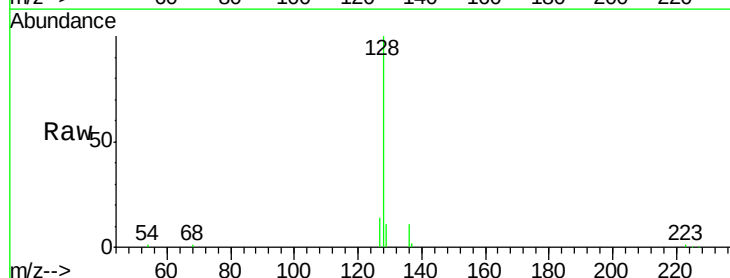
Tgt Ion: 128 Resp: 20384

Ion Ratio Lower Upper

128 100

129 10.9 8.5 12.7

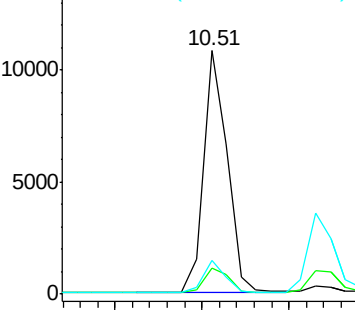
127 14.1 11.0 16.4



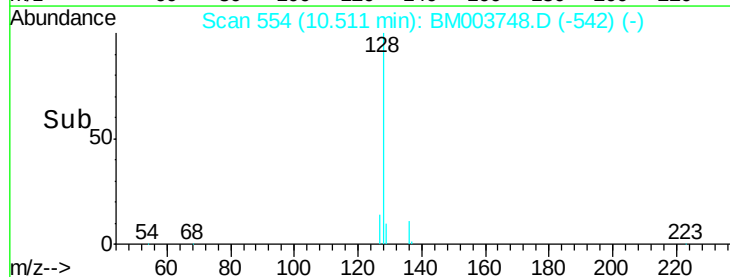
Abundance Ion 128.00 (127.70 to 128.70): BM003750.D (-550) (-)

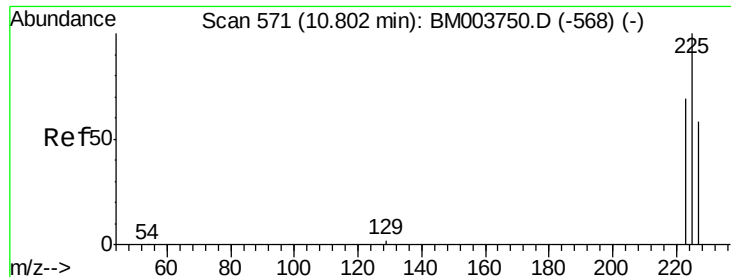
Ion 129.00 (128.70 to 129.70): BM003750.D (-550) (-)

Ion 127.00 (126.70 to 127.70): BM003750.D (-550) (-)



Time--> 10.40 10.50 10.60

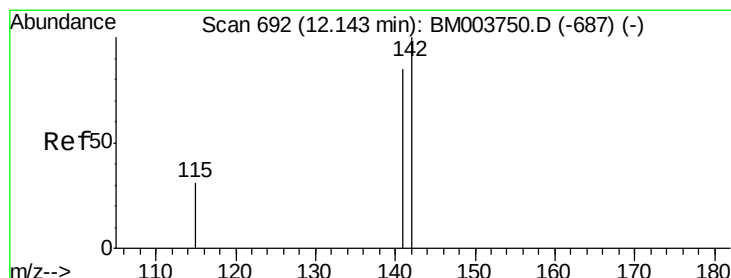
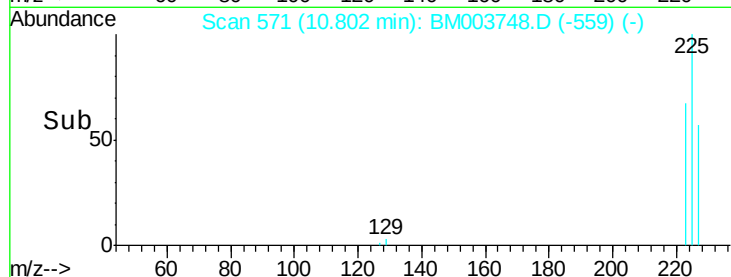
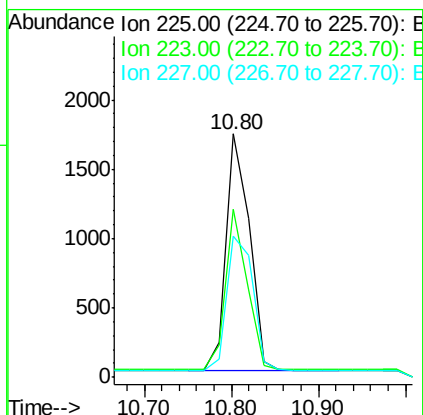
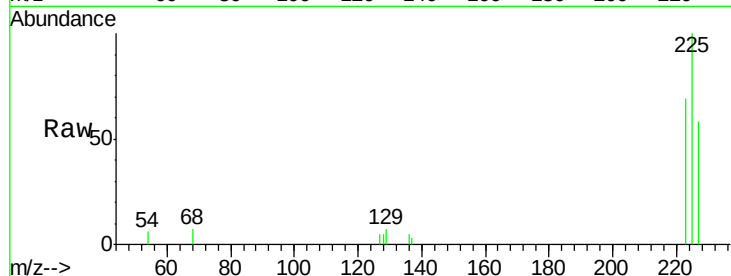




#11
Hexachlorobutadiene
Concen: 0.52 ng
RT: 10.80 min Scan# 571
Delta R.T. 0.00 min
Lab File: BM003748.D
Acq: 23 Dec 2015 18:07

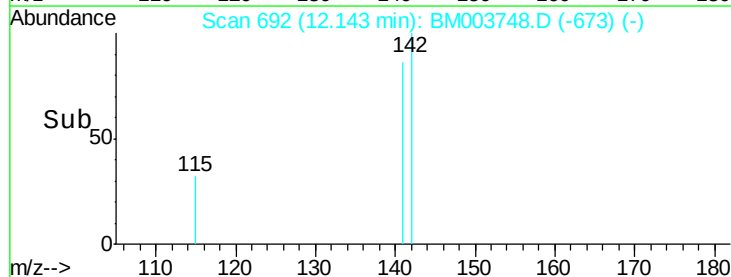
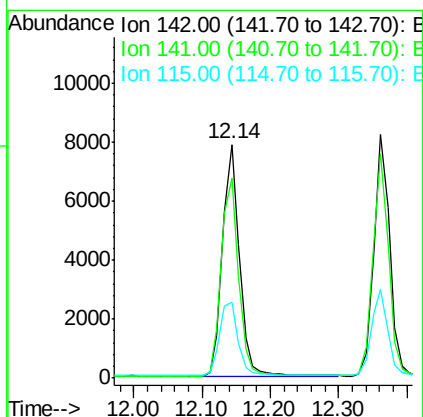
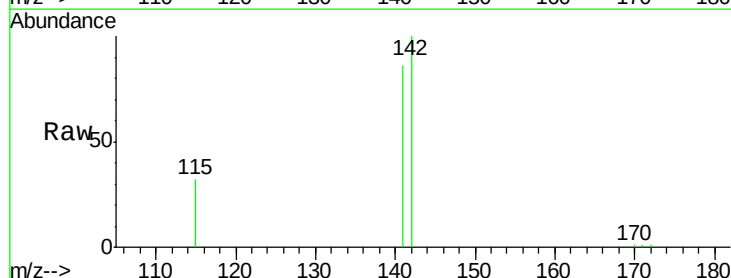
Instrument :
BNA_M
ClientSampleId :

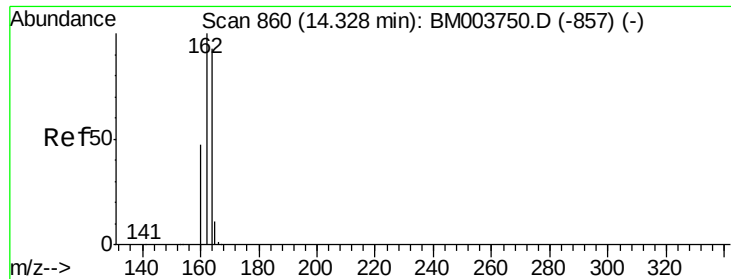
Tot Ion:225 Resp: 3180
Ion Ratio Lower Upper
225 100
223 63.0 50.9 76.3
227 63.8 51.2 76.8



#12
2-Methylnaphthalene
Concen: 0.50 ng
RT: 12.14 min Scan# 692
Delta R.T. 0.00 min
Lab File: BM003748.D
Acq: 23 Dec 2015 18:07

Tgt Ion:142 Resp: 13479
Ion Ratio Lower Upper
142 100
141 85.6 67.8 101.8
115 32.3 25.3 37.9





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.33 min Scan# 860

Delta R.T. 0.00 min

Lab File: BM003748.D

Acq: 23 Dec 2015 18:07

Instrument :

BNA_M

ClientSampleId :

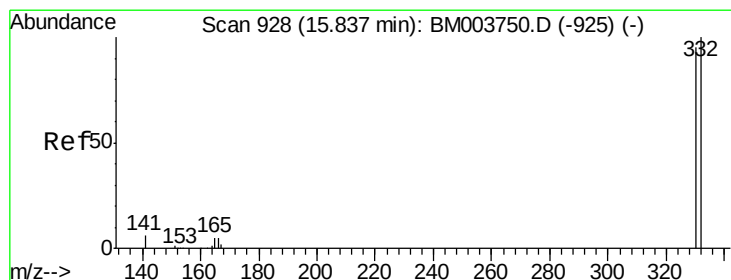
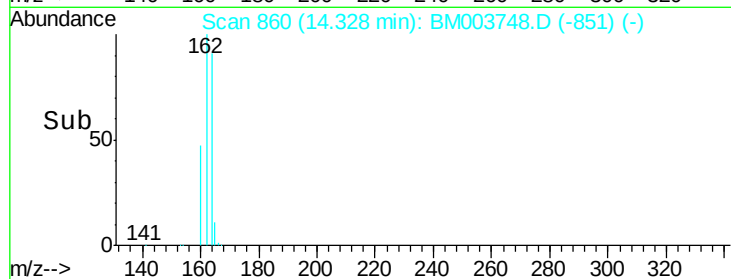
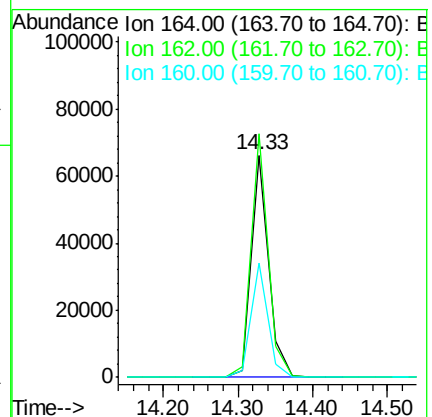
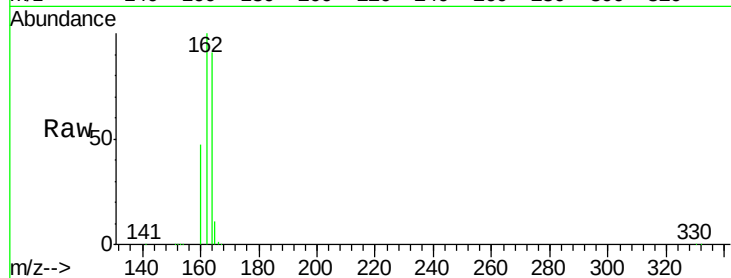
Tot Ion:164 Resp: 105484

Ion Ratio Lower Upper

164 100

162 109.4 86.0 129.0

160 51.6 40.3 60.5



#14

2,4,6-Tribromophenol

Concen: 0.63 ng

RT: 15.84 min Scan# 928

Delta R.T. 0.00 min

Lab File: BM003748.D

Acq: 23 Dec 2015 18:07

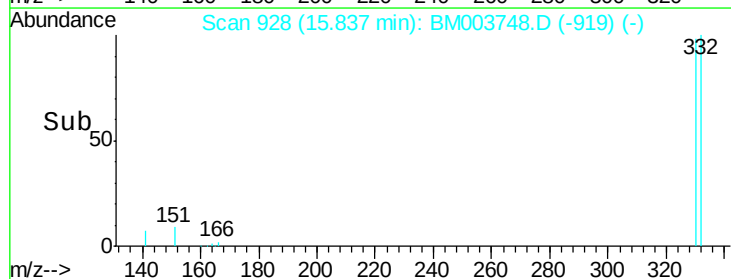
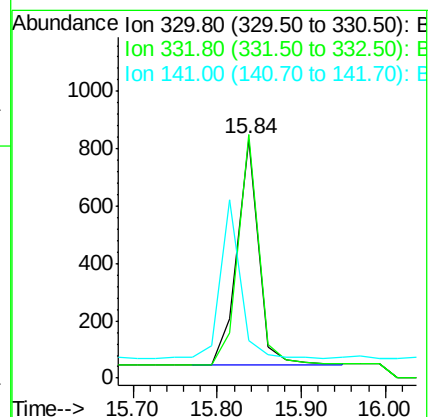
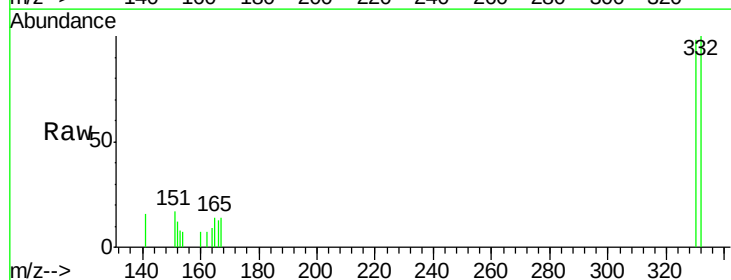
Tgt Ion:330 Resp: 1390

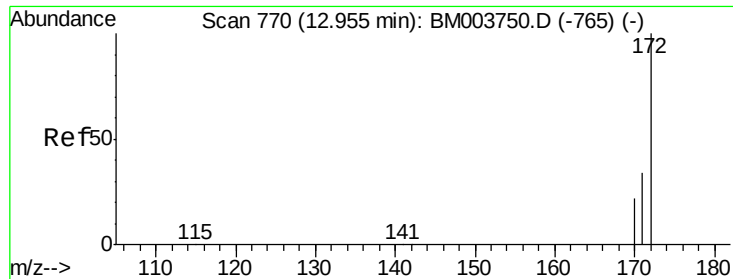
Ion Ratio Lower Upper

330 100

332 98.0 79.0 118.4

141 0.0 0.0 0.0

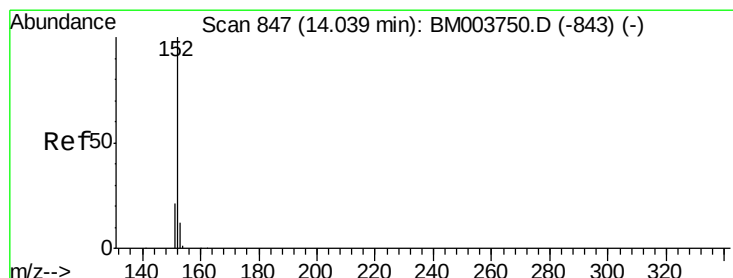
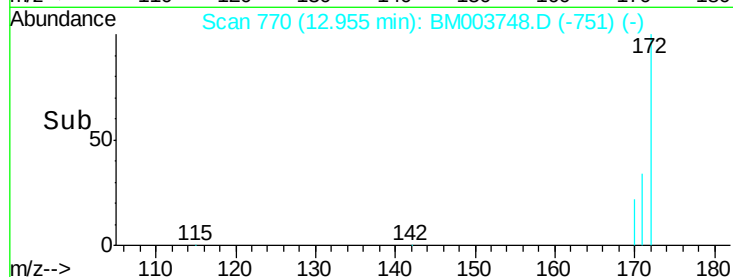
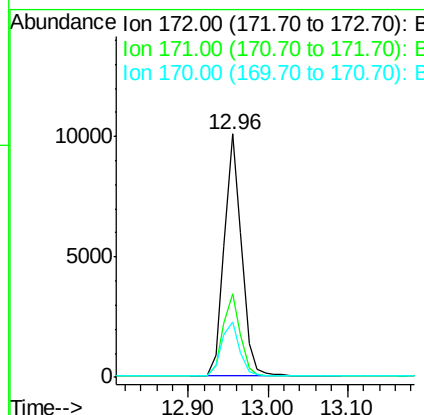
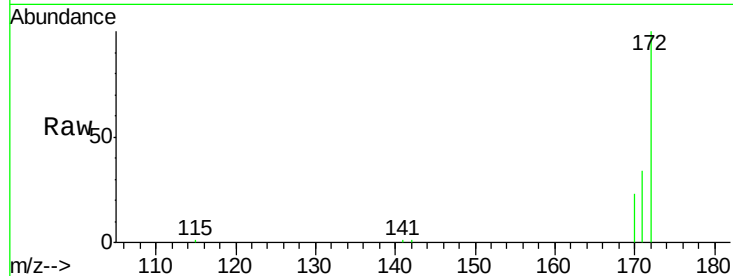




#15
 2-Fluorobiphenyl
 Concen: 0.48 ng
 RT: 12.96 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BM003748.D
 Acq: 23 Dec 2015 18:07

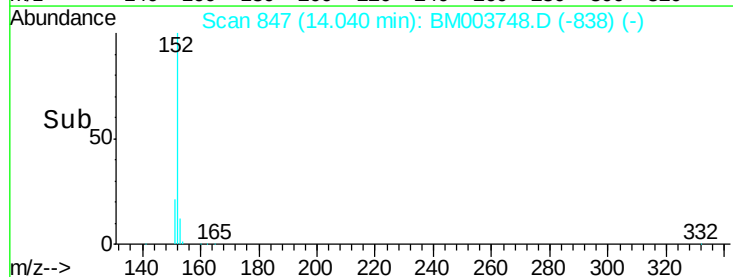
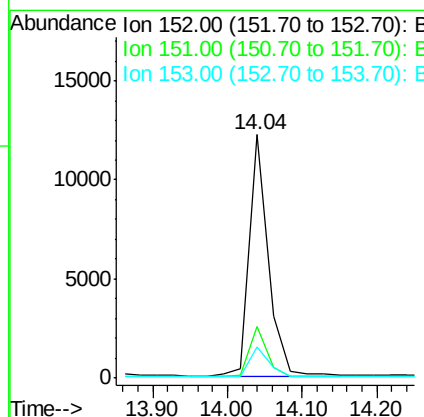
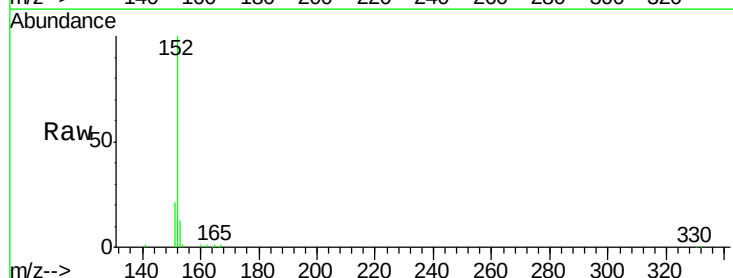
Instrument :
 BNA_M
 ClientSampleId :

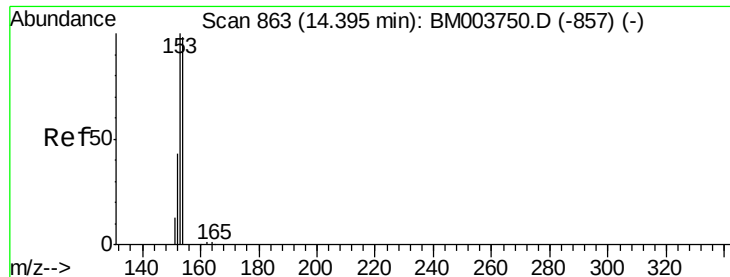
Tot Ion:172 Resp: 15249
 Ion Ratio Lower Upper
 172 100
 171 34.2 27.0 40.6
 170 22.6 17.9 26.9



#16
 Acenaphthylene
 Concen: 0.52 ng
 RT: 14.04 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BM003748.D
 Acq: 23 Dec 2015 18:07

Tgt Ion:152 Resp: 21428
 Ion Ratio Lower Upper
 152 100
 151 19.7 15.8 23.8
 153 12.7 10.2 15.4





#17

Acenaphthene

Concen: 0.53 ng

RT: 14.39 min Scan# 863

Delta R.T. 0.00 min

Lab File: BM003748.D

Acq: 23 Dec 2015 18:07

Instrument :

BNA_M

ClientSampleId :

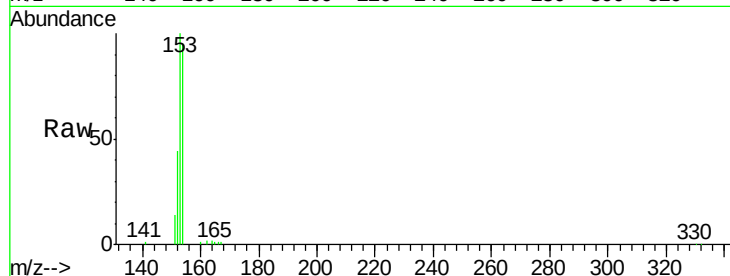
Tot Ion:154 Resp: 14966

Ion Ratio Lower Upper

154 100

153 107.4 85.4 128.2

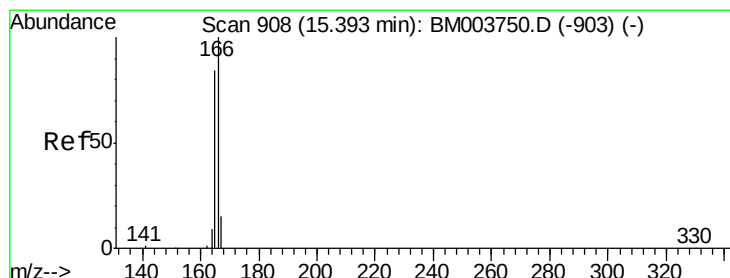
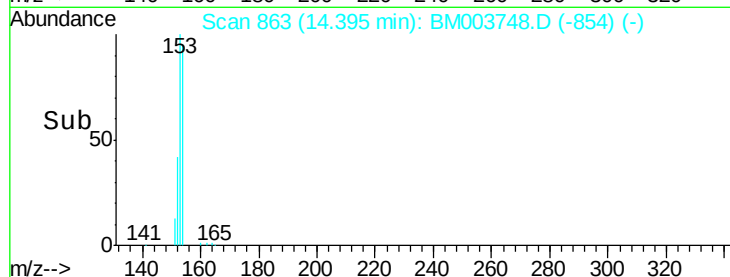
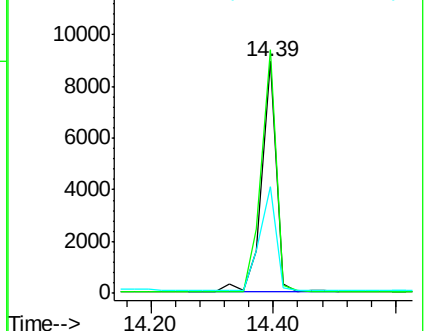
152 50.8 40.6 60.8



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



#18

Fluorene

Concen: 0.54 ng

RT: 15.39 min Scan# 908

Delta R.T. 0.00 min

Lab File: BM003748.D

Acq: 23 Dec 2015 18:07

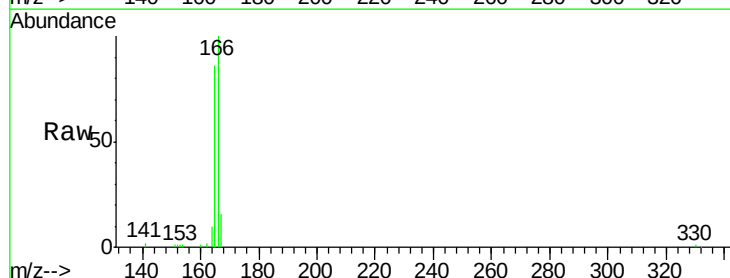
Tgt Ion:166 Resp: 17018

Ion Ratio Lower Upper

166 100

165 96.3 77.2 115.8

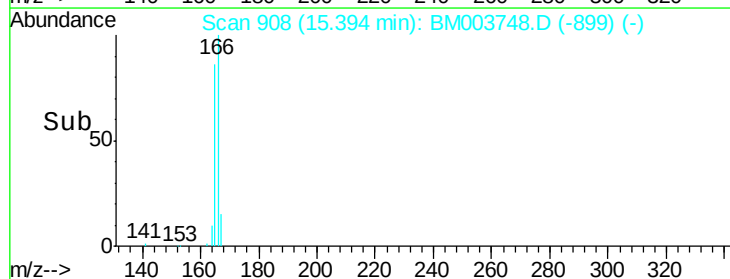
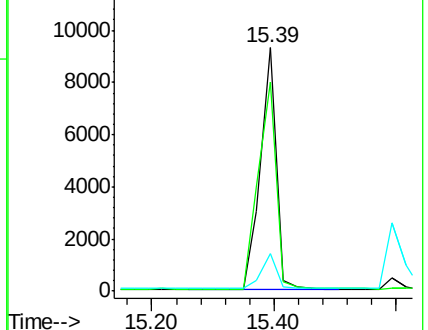
167 13.5 11.0 16.6

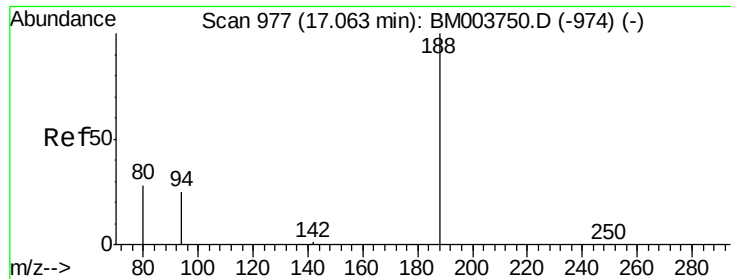


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.09 min Scan# 978

Delta R.T. 0.03 min

Lab File: BM003748.D

Acq: 23 Dec 2015 18:07

Instrument :

BNA_M

ClientSampleId :

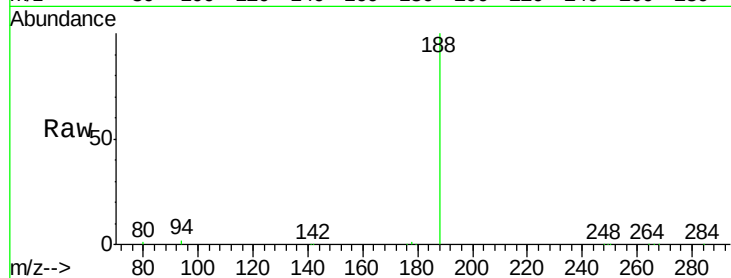
Tot Ion:188 Resp: 192910

Ion Ratio Lower Upper

188 100

94 1.7 20.3 30.5#

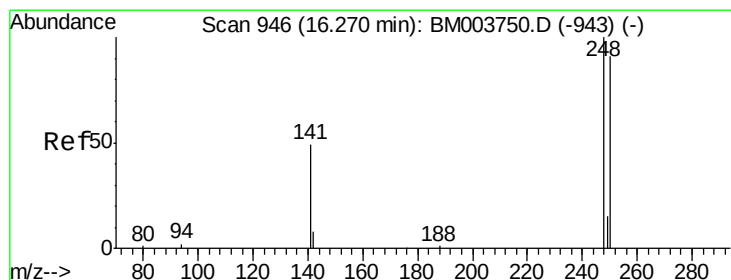
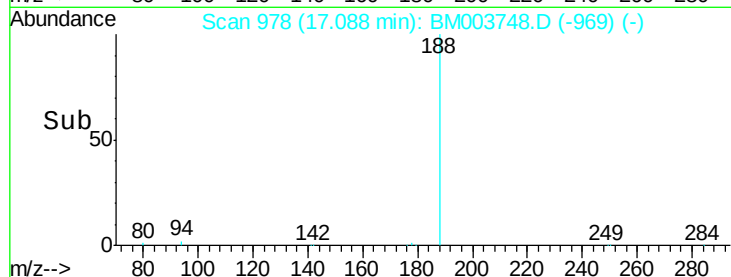
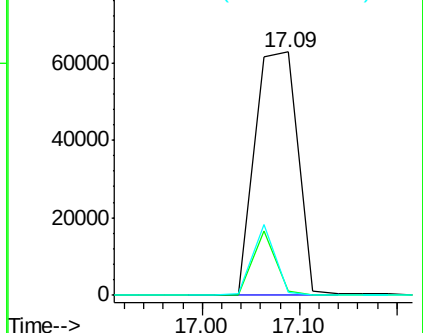
80 1.4 22.2 33.4#



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



#20

4-Bromophenyl-phenylether

Concen: 0.90 ng

RT: 16.27 min Scan# 946

Delta R.T. 0.00 min

Lab File: BM003748.D

Acq: 23 Dec 2015 18:07

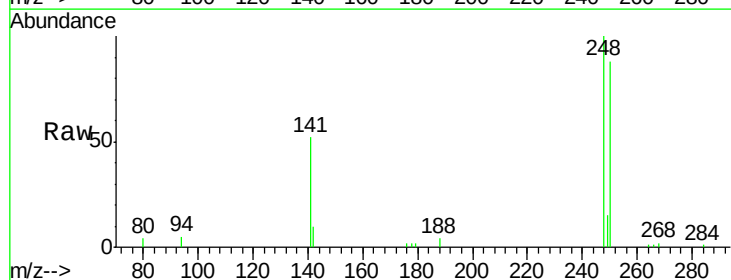
Tgt Ion:248 Resp: 5605

Ion Ratio Lower Upper

248 100

250 90.9 75.0 112.4

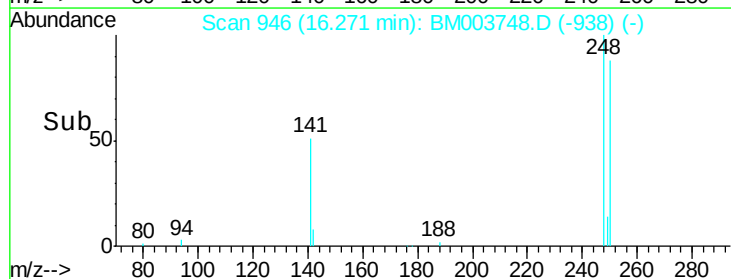
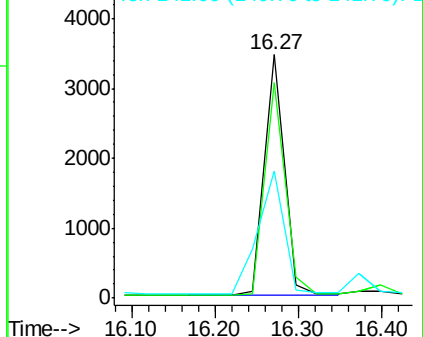
141 67.3 53.0 79.4

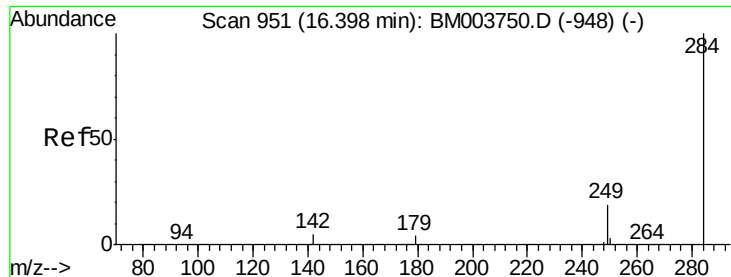


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

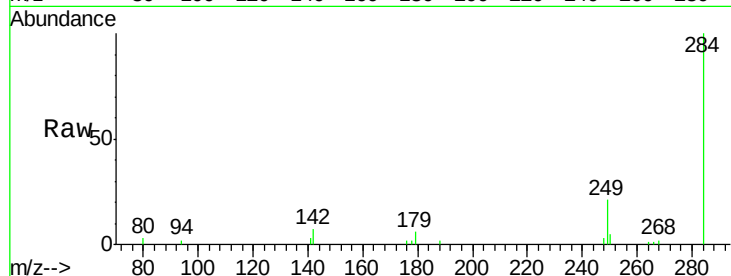




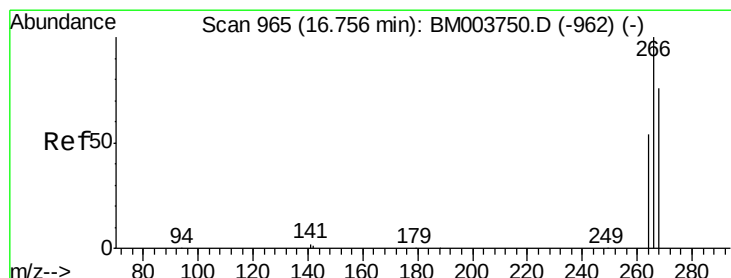
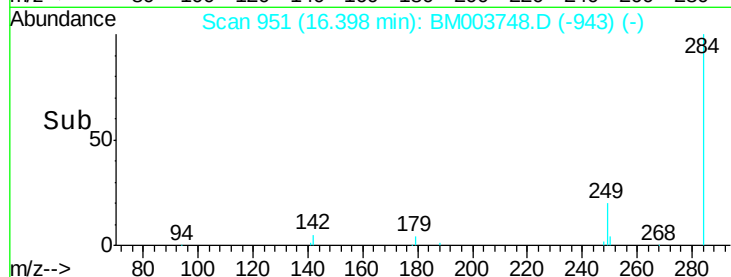
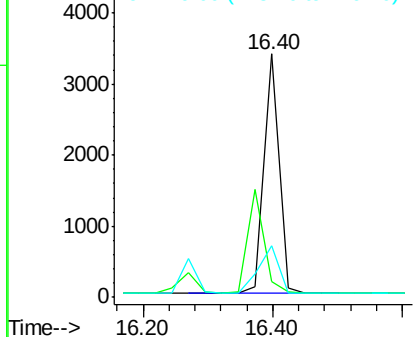
#21
Hexachlorobenzene
Concen: 0.76 ng
RT: 16.40 min Scan# 951
Delta R.T. 0.00 min
Lab File: BM003748.D
Acq: 23 Dec 2015 18:07

Instrument :
BNA_M
ClientSampleId :

Tot Ion:284 Resp: 5461
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 26.8 21.5 32.3

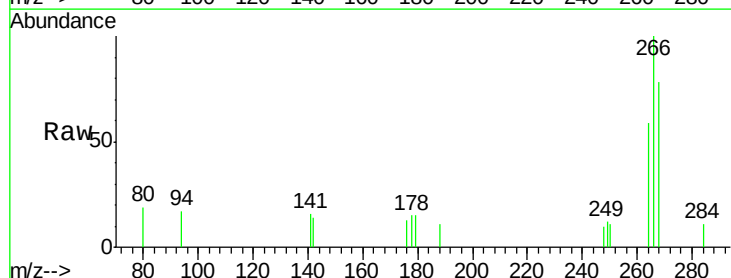


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

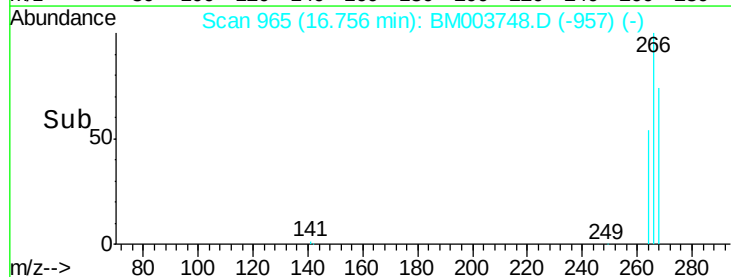
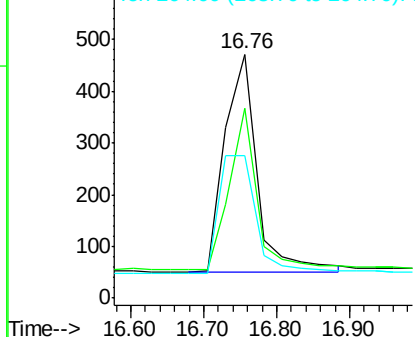


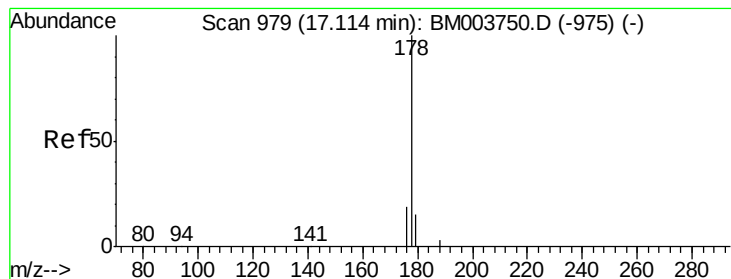
#22
Pentachlorophenol
Concen: 0.60 ng
RT: 16.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BM003748.D
Acq: 23 Dec 2015 18:07

Tgt Ion:266 Resp: 1279
Ion Ratio Lower Upper
266 100
268 77.7 62.7 94.1
264 58.6 45.7 68.5



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





#23

Phenanthrene

Concen: 0.83 ng

RT: 17.11 min Scan# 979

Delta R.T. 0.00 min

Lab File: BM003748.D

Acq: 23 Dec 2015 18:07

Instrument :

BNA_M

ClientSampleId :

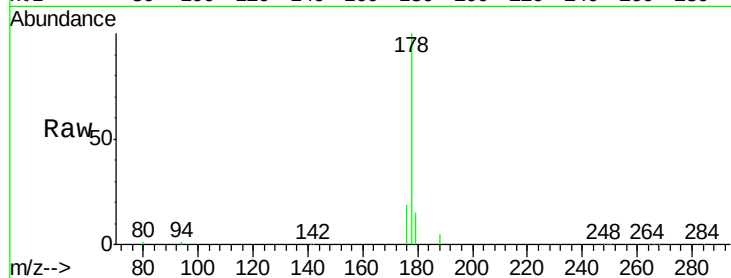
Tot Ion:178 Resp: 33602

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

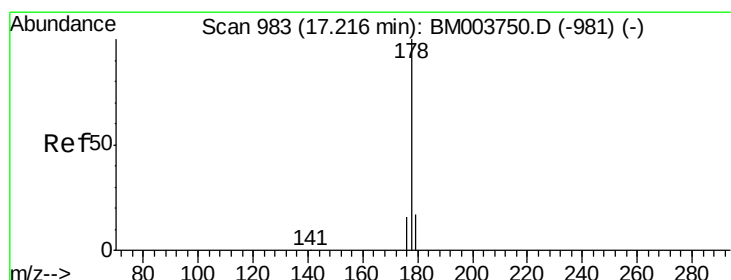
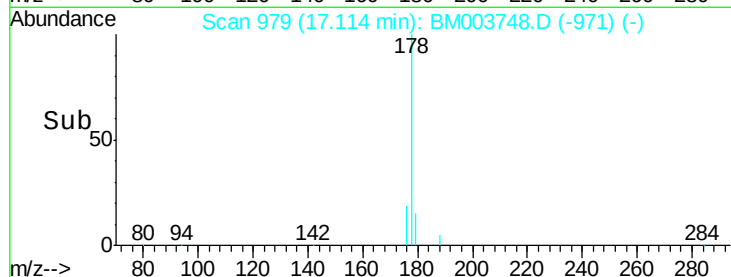
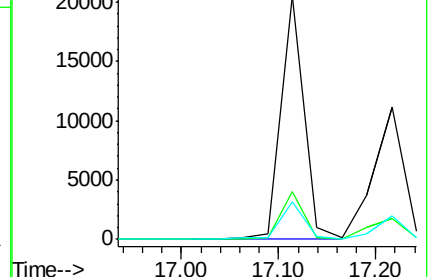
179 15.6 12.2 18.4



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

Anthracene

Concen: 0.59 ng

RT: 17.22 min Scan# 983

Delta R.T. 0.00 min

Lab File: BM003748.D

Acq: 23 Dec 2015 18:07

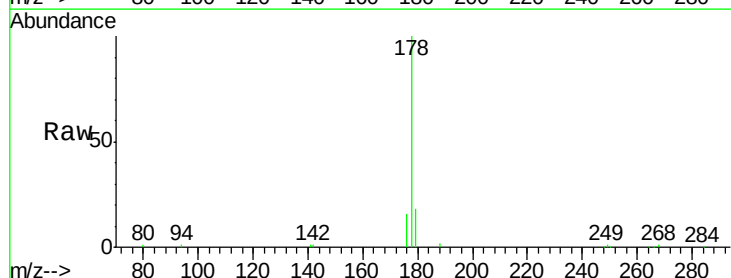
Tgt Ion:178 Resp: 23506

Ion Ratio Lower Upper

178 100

176 18.1 14.6 21.8

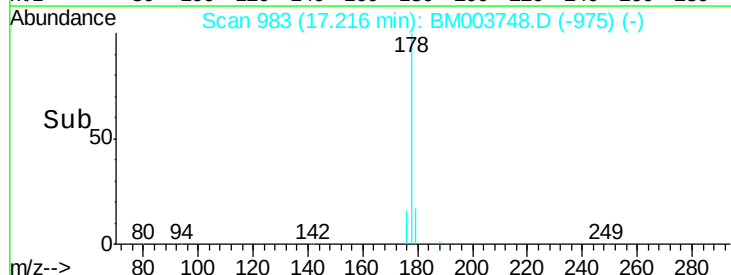
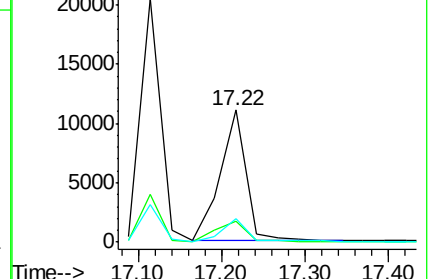
179 15.8 12.6 19.0

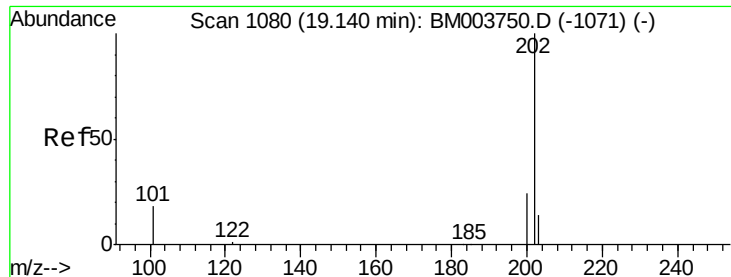


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.77 ng

RT: 19.16 min Scan# 1081

Delta R.T. 0.02 min

Lab File: BM003748.D

Acq: 23 Dec 2015 18:07

Instrument :

BNA_M

ClientSampleId :

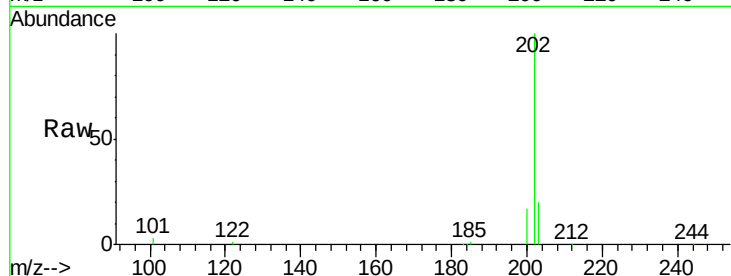
Tot Ion:202 Resp: 31028

Ion Ratio Lower Upper

202 100

101 12.1 9.7 14.5

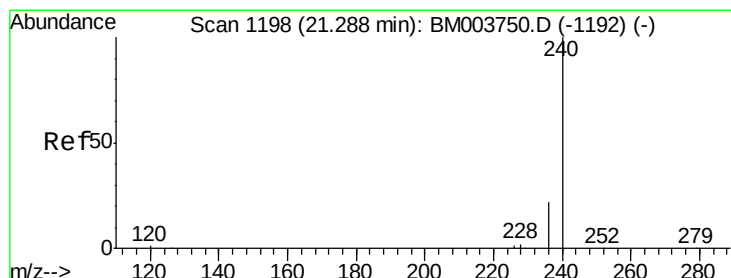
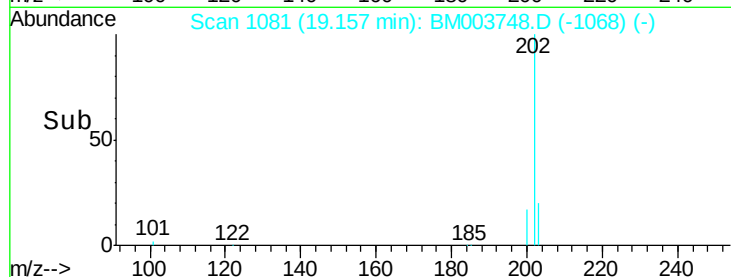
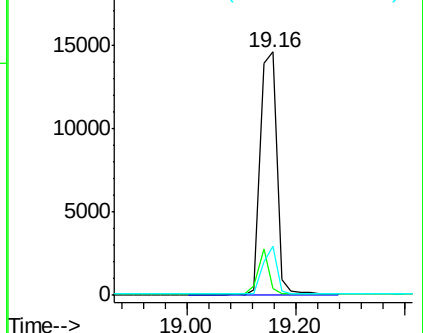
203 17.2 13.8 20.8



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



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.29 min Scan# 1198

Delta R.T. 0.00 min

Lab File: BM003748.D

Acq: 23 Dec 2015 18:07

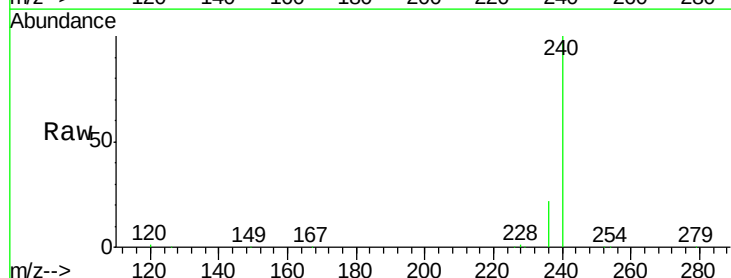
Tgt Ion:240 Resp: 203273

Ion Ratio Lower Upper

240 100

120 1.2 0.9 1.3

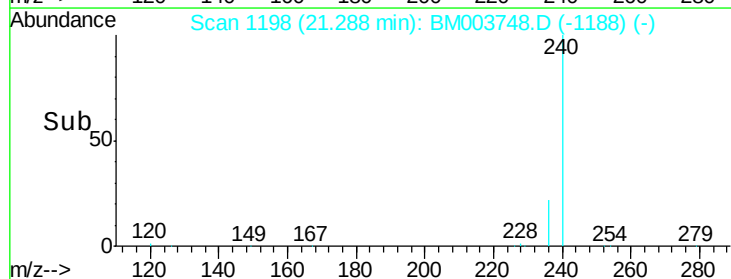
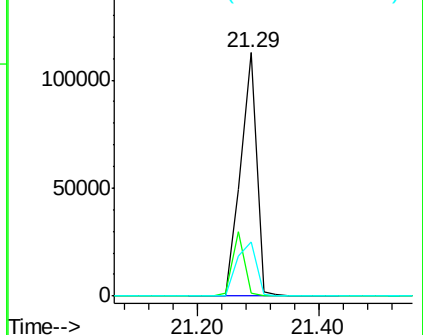
236 22.3 17.3 25.9

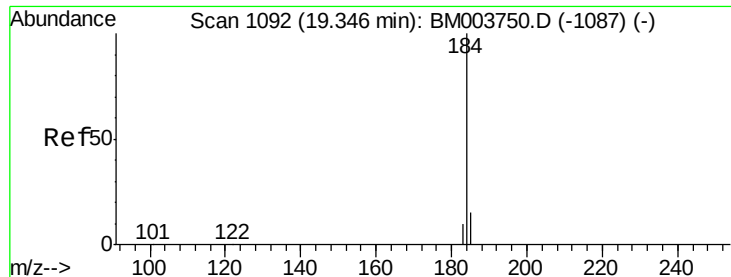


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.14 ng

RT: 19.35 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BM003748.D

Acq: 23 Dec 2015 18:07

Instrument :

BNA_M

ClientSampleId :

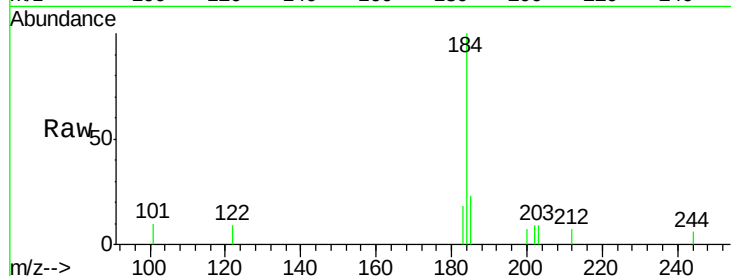
Tot Ion:184 Resp: 2291

Ion Ratio Lower Upper

184 100

185 23.0 13.2 19.8#

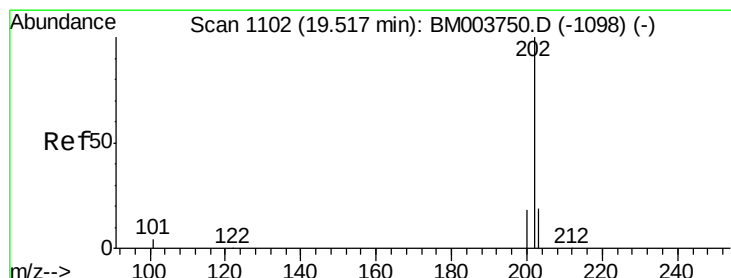
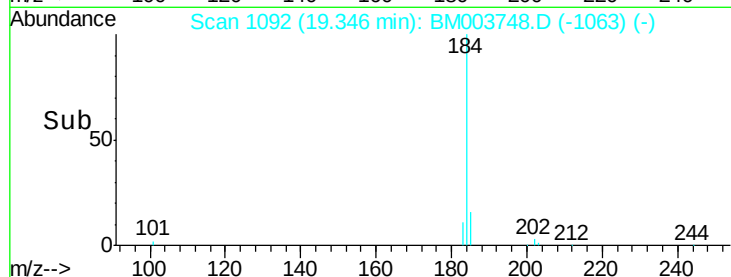
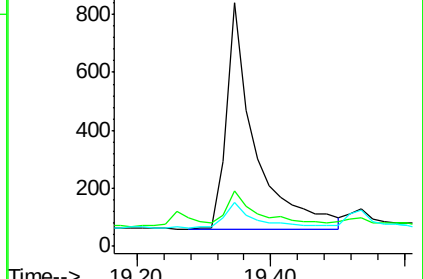
183 18.0 9.0 13.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#28

Pyrene

Concen: 0.45 ng

RT: 19.52 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BM003748.D

Acq: 23 Dec 2015 18:07

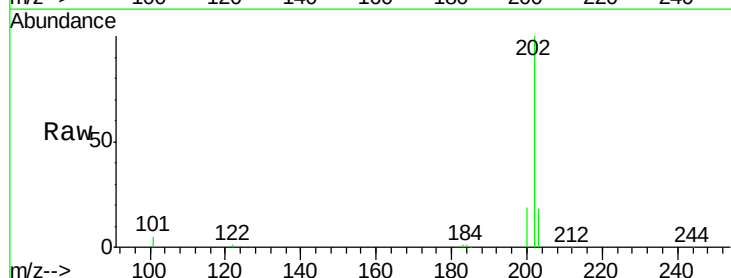
Tgt Ion:202 Resp: 33267

Ion Ratio Lower Upper

202 100

200 20.8 16.6 24.8

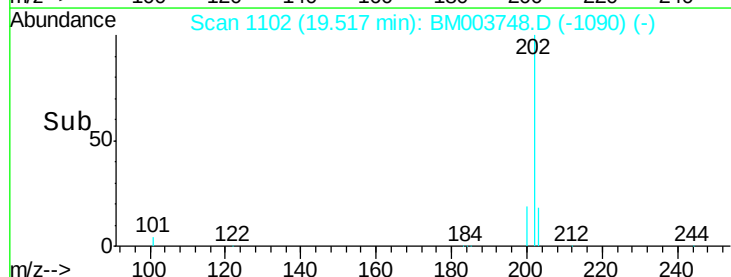
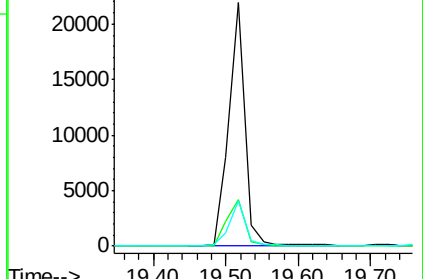
203 17.4 14.0 21.0

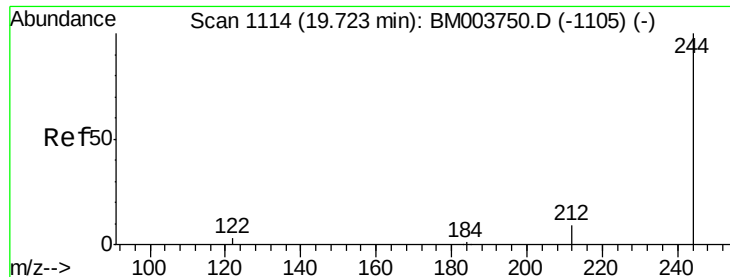


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.50 ng

RT: 19.72 min Scan# 1114

Delta R.T. 0.00 min

Lab File: BM003748.D

Acq: 23 Dec 2015 18:07

Instrument :

BNA_M

ClientSampleId :

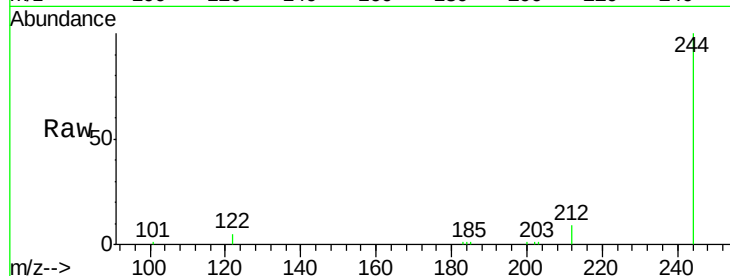
Tot Ion:244 Resp: 16653

Ion Ratio Lower Upper

244 100

212 9.5 7.0 10.6

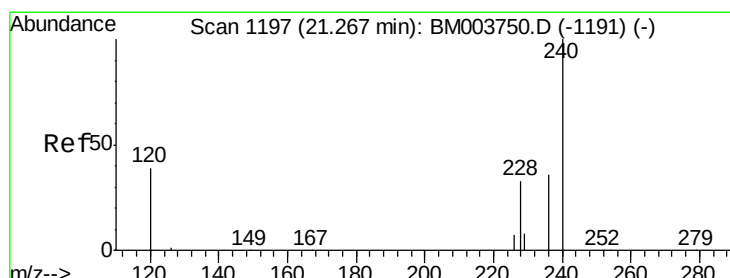
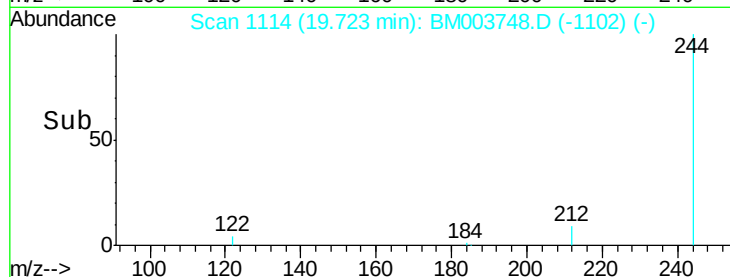
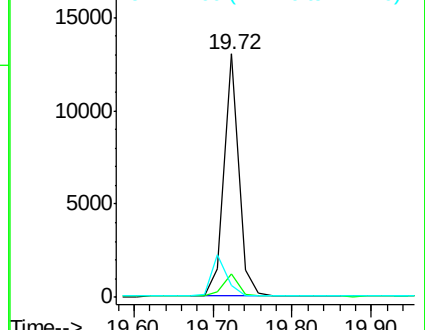
122 4.9 3.0 4.6#



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



#30

Benzo(a)anthracene

Concen: 0.52 ng

RT: 21.27 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BM003748.D

Acq: 23 Dec 2015 18:07

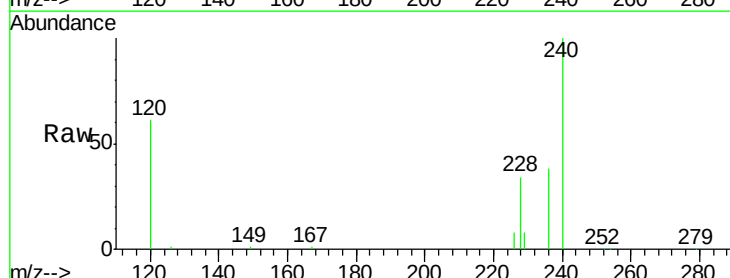
Tgt Ion:228 Resp: 28580

Ion Ratio Lower Upper

228 100

226 22.9 17.2 25.8

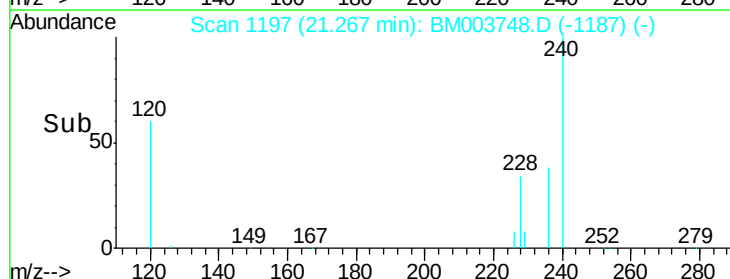
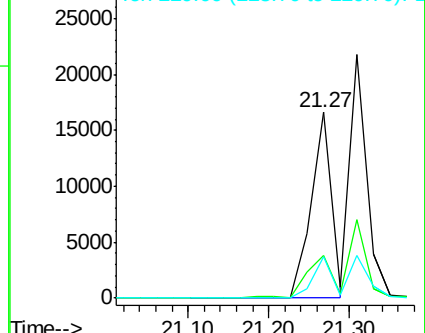
229 22.6 18.7 28.1

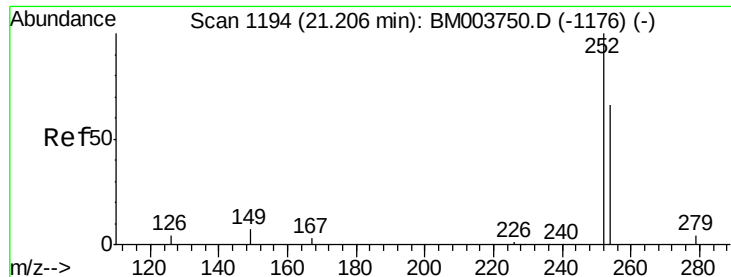


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

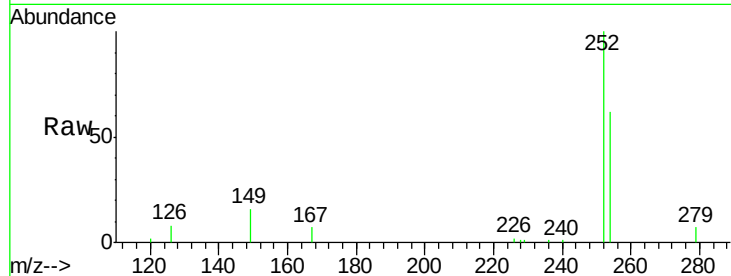




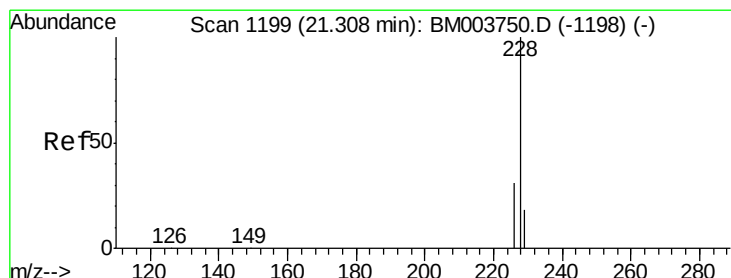
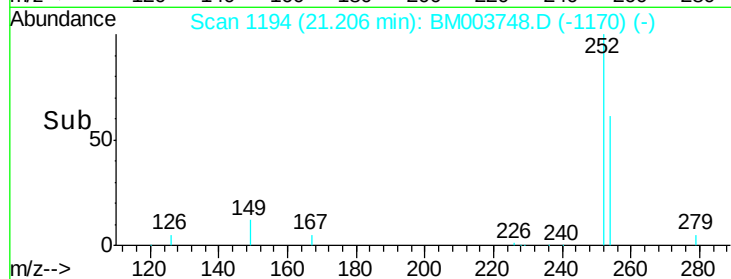
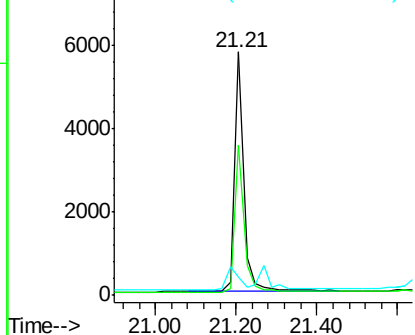
#31
 3,3'-Dichlorobenzidine
 Concen: 0.64 ng
 RT: 21.21 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BM003748.D
 Acq: 23 Dec 2015 18:07

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:252 Resp: 9196
 Ion Ratio Lower Upper
 252 100
 254 61.5 52.6 79.0
 126 7.6 3.7 5.5#

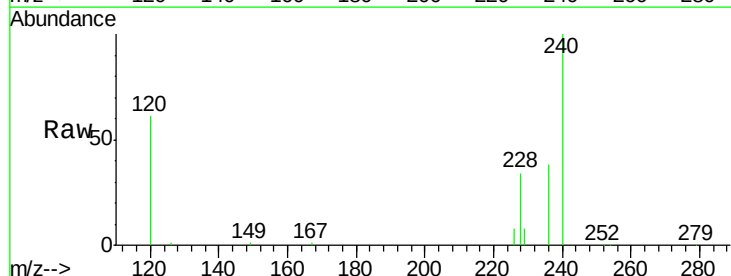


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

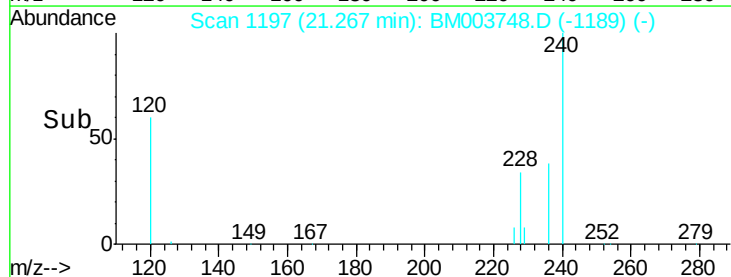
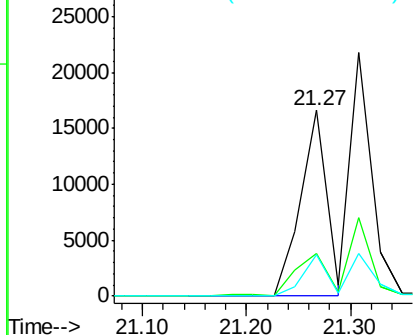


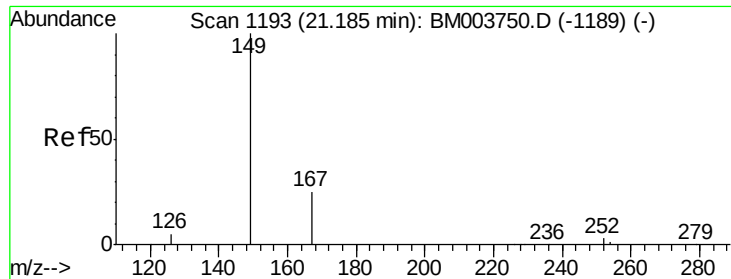
#32
 Chrysene
 Concen: 0.45 ng
 RT: 21.27 min Scan# 1197
 Delta R.T. -0.04 min
 Lab File: BM003748.D
 Acq: 23 Dec 2015 18:07

Tgt Ion:228 Resp: 28560
 Ion Ratio Lower Upper
 228 100
 226 22.9 25.3 37.9#
 229 22.6 14.5 21.7#



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





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.75 ng

RT: 21.19 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BM003748.D

Acq: 23 Dec 2015 18:07

Instrument :

BNA_M

ClientSampleId :

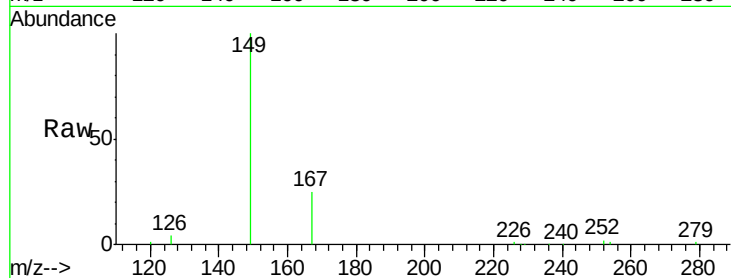
Tot Ion:149 Resp: 21149

Ion Ratio Lower Upper

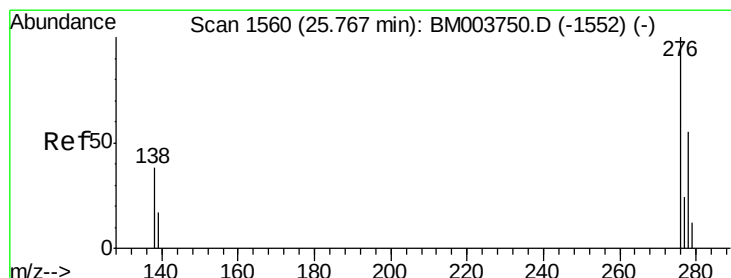
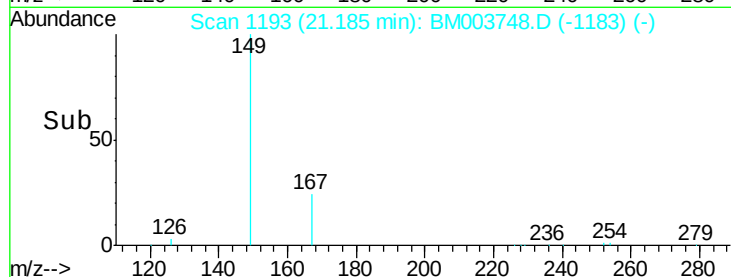
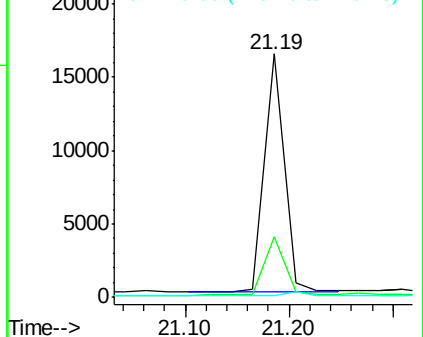
149 100

167 25.3 20.1 30.1

279 0.0 0.0 0.0



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



#34

Indeno(1,2,3-cd)pyrene

Concen: 0.47 ng

RT: 25.78 min Scan# 1562

Delta R.T. 0.01 min

Lab File: BM003748.D

Acq: 23 Dec 2015 18:07

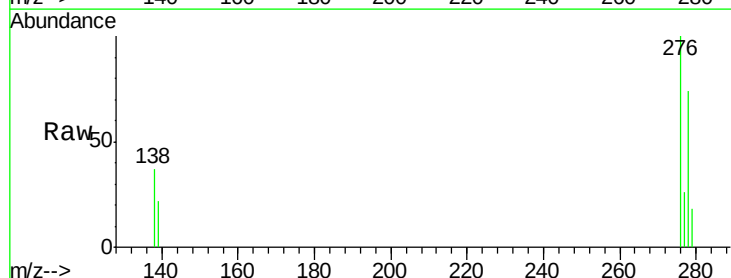
Tgt Ion:276 Resp: 22637

Ion Ratio Lower Upper

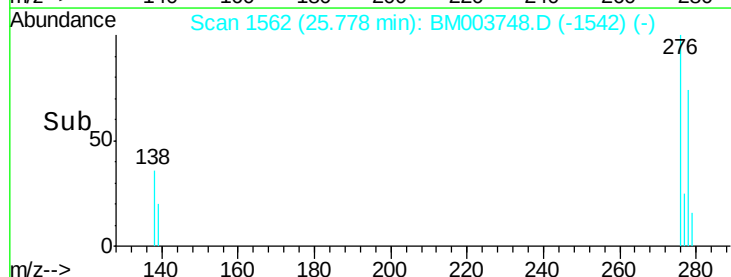
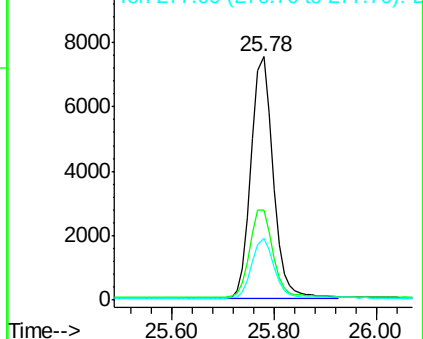
276 100

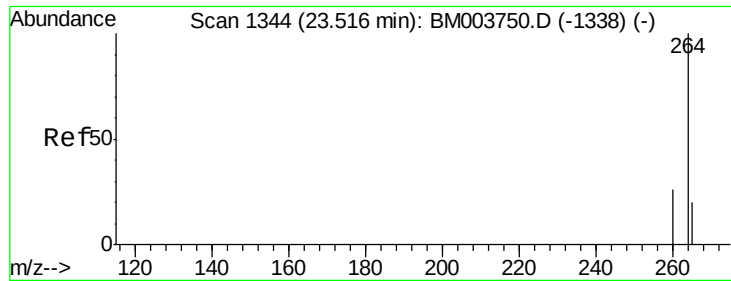
138 37.3 30.2 45.2

277 24.7 19.8 29.8



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

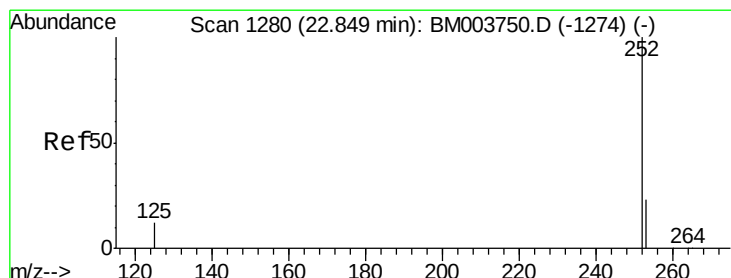
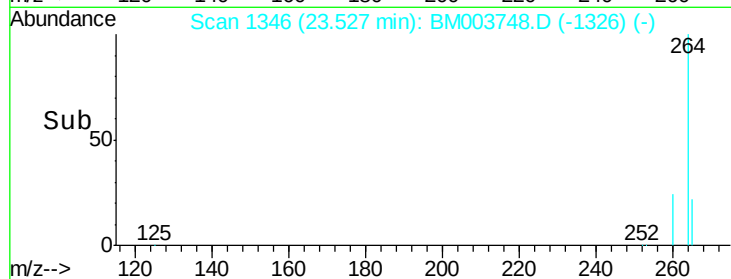
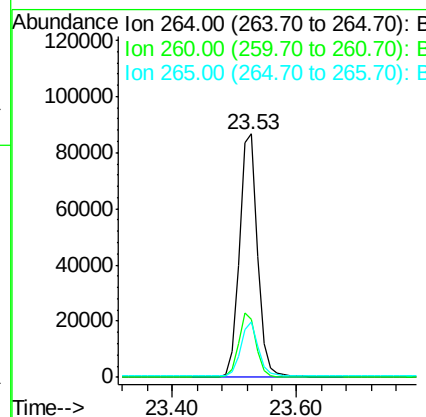
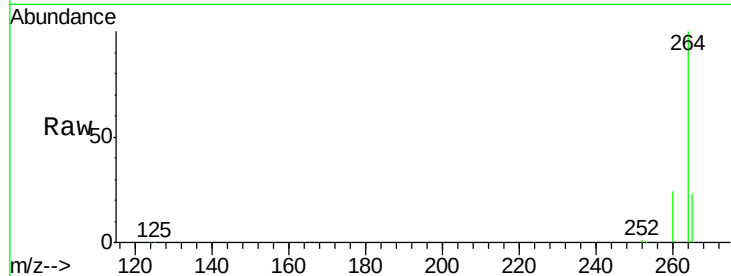




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.53 min Scan# 1346
 Delta R.T. 0.01 min
 Lab File: BM003748.D
 Acq: 23 Dec 2015 18:07

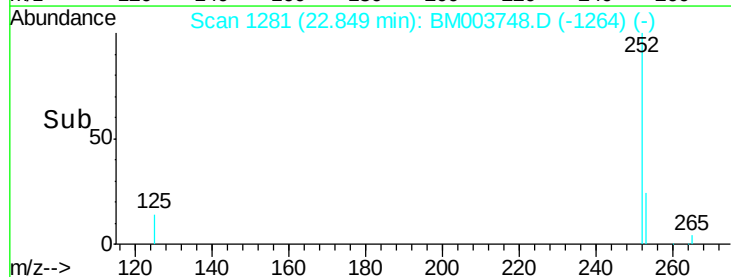
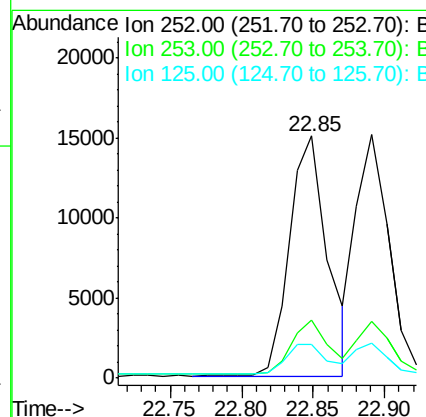
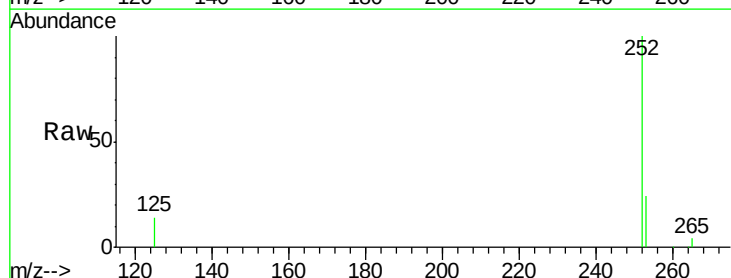
Instrument :
 BNA_M
 ClientSampleId :

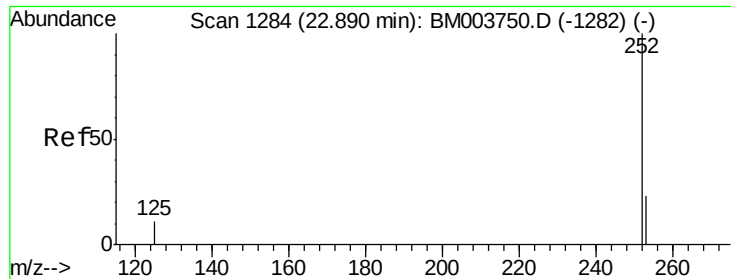
Tot Ion:264 Resp: 176917
 Ion Ratio Lower Upper
 264 100
 260 24.1 21.2 31.8
 265 22.6 16.7 25.1



#36
 Benzo(b)fluoranthene
 Concen: 0.51 ng
 RT: 22.85 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: BM003748.D
 Acq: 23 Dec 2015 18:07

Tgt Ion:252 Resp: 27755
 Ion Ratio Lower Upper
 252 100
 253 24.0 18.8 28.2
 125 13.7 10.2 15.4





#37

Benzo(k)fluoranthene

Concen: 0.52 ng

RT: 22.89 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BM003748.D

Acq: 23 Dec 2015 18:07

Instrument :

BNA_M

ClientSampleId :

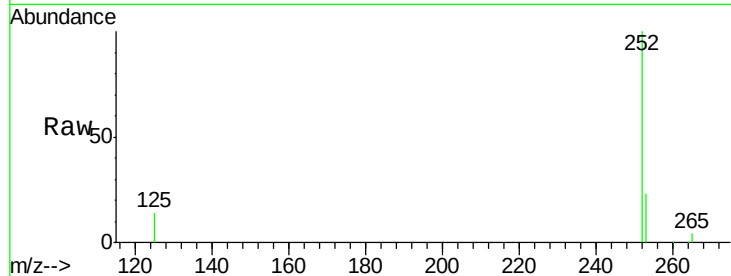
Tot Ion:252 Resp: 24794

Ion Ratio Lower Upper

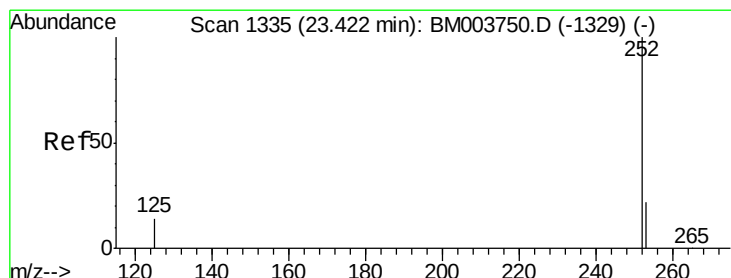
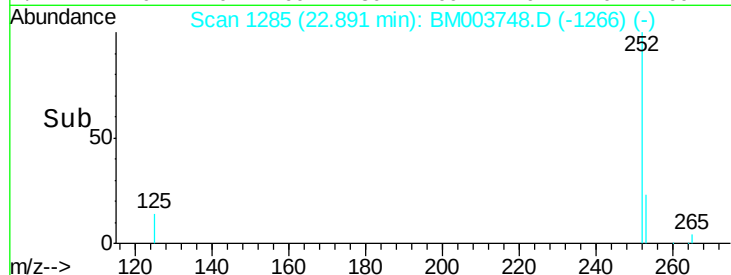
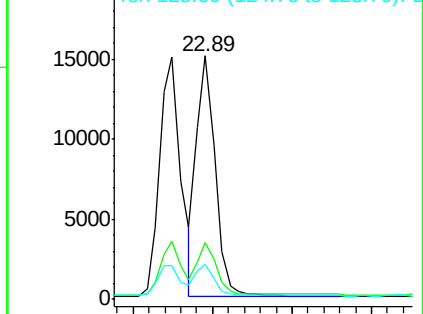
252 100

253 23.2 18.3 27.5

125 14.3 10.6 15.8



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



#38

Benzo(a)pyrene

Concen: 0.53 ng

RT: 23.42 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BM003748.D

Acq: 23 Dec 2015 18:07

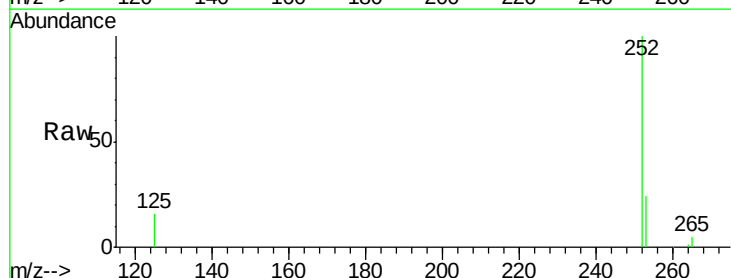
Tgt Ion:252 Resp: 23377

Ion Ratio Lower Upper

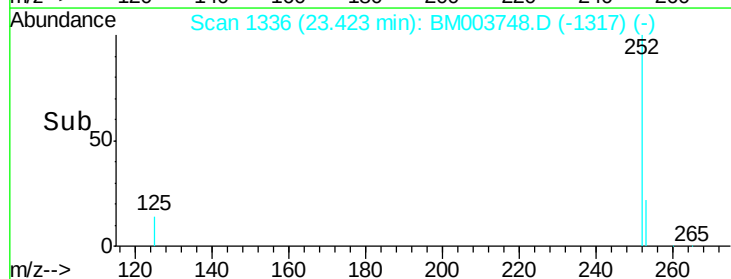
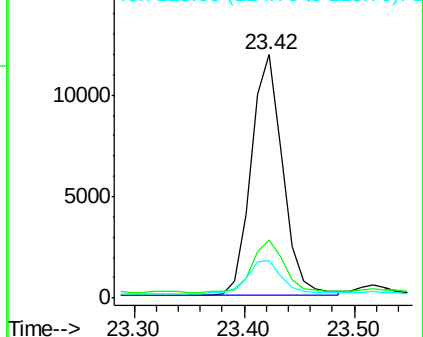
252 100

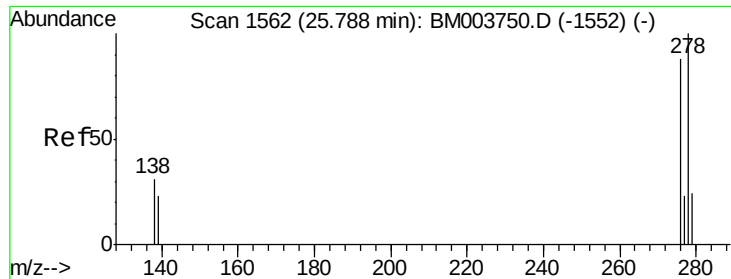
253 24.0 18.7 28.1

125 15.7 11.8 17.8



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





#39

Dibenzo(a,h)anthracene

Concen: 0.45 ng

RT: 25.79 min Scan# 1563

Delta R.T. 0.00 min

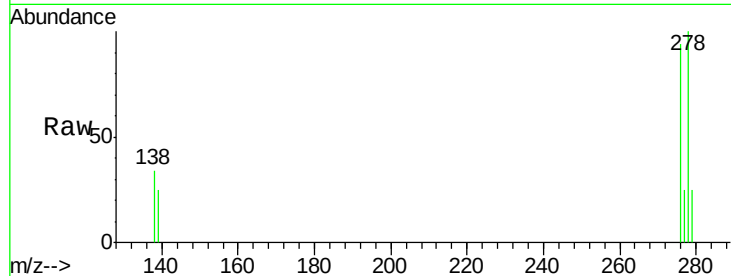
Lab File: BM003748.D

Acq: 23 Dec 2015 18:07

Instrument :

BNA_M

ClientSampleId :



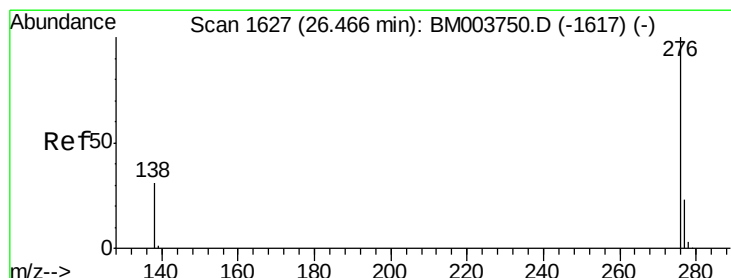
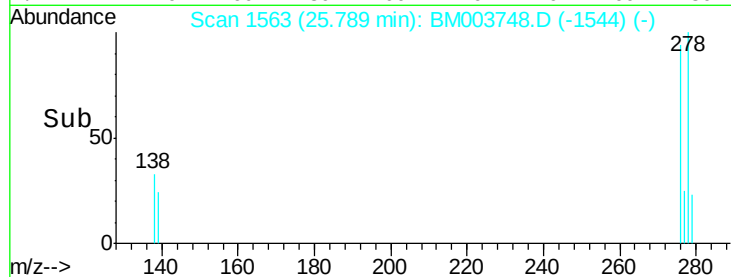
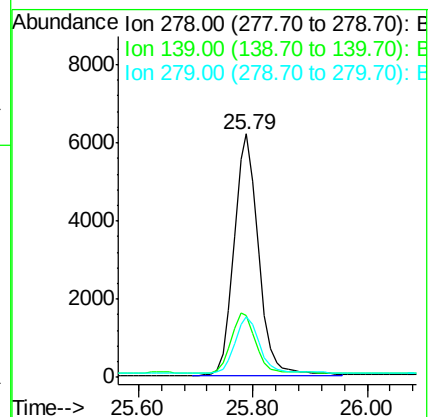
Tot Ion:278 Resp: 18133

Ion Ratio Lower Upper

278 100

139 25.2 19.0 28.6

279 25.0 19.6 29.4



#40

Benzo(g,h,i)perylene

Concen: 0.45 ng

RT: 26.47 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BM003748.D

Acq: 23 Dec 2015 18:07

Tgt Ion:276 Resp: 19184

Ion Ratio Lower Upper

276 100

277 24.3 19.1 28.7

138 32.6 25.0 37.4

