

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122415\
 Data File : BM003756.D
 Acq On : 24 Dec 2015 00:24
 Operator : UM/SJ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 24 03:00:00 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 02:52:28 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	48997	5.00	ng	0.00
7) Naphthalene-d8	10.48	136	206781	5.00	ng	0.00
13) Acenaphthene-d10	14.33	164	119871	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	218143	5.00	ng	0.00
26) Chrysene-d12	21.29	240	217334	5.00	ng	0.00
35) Perylene-d12	23.52	264	175215	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	9714	0.87	ng	0.00
5) Phenol-d6	6.87	99	11609	0.84	ng	0.00
8) Nitrobenzene-d5	8.85	82	9035	0.85	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	2577	0.76	ng	0.00
15) 2-Fluorobiphenyl	12.95	172	31737	0.91	ng	0.00
29) Terphenyl-d14	19.72	244	32206	0.90	ng	0.00

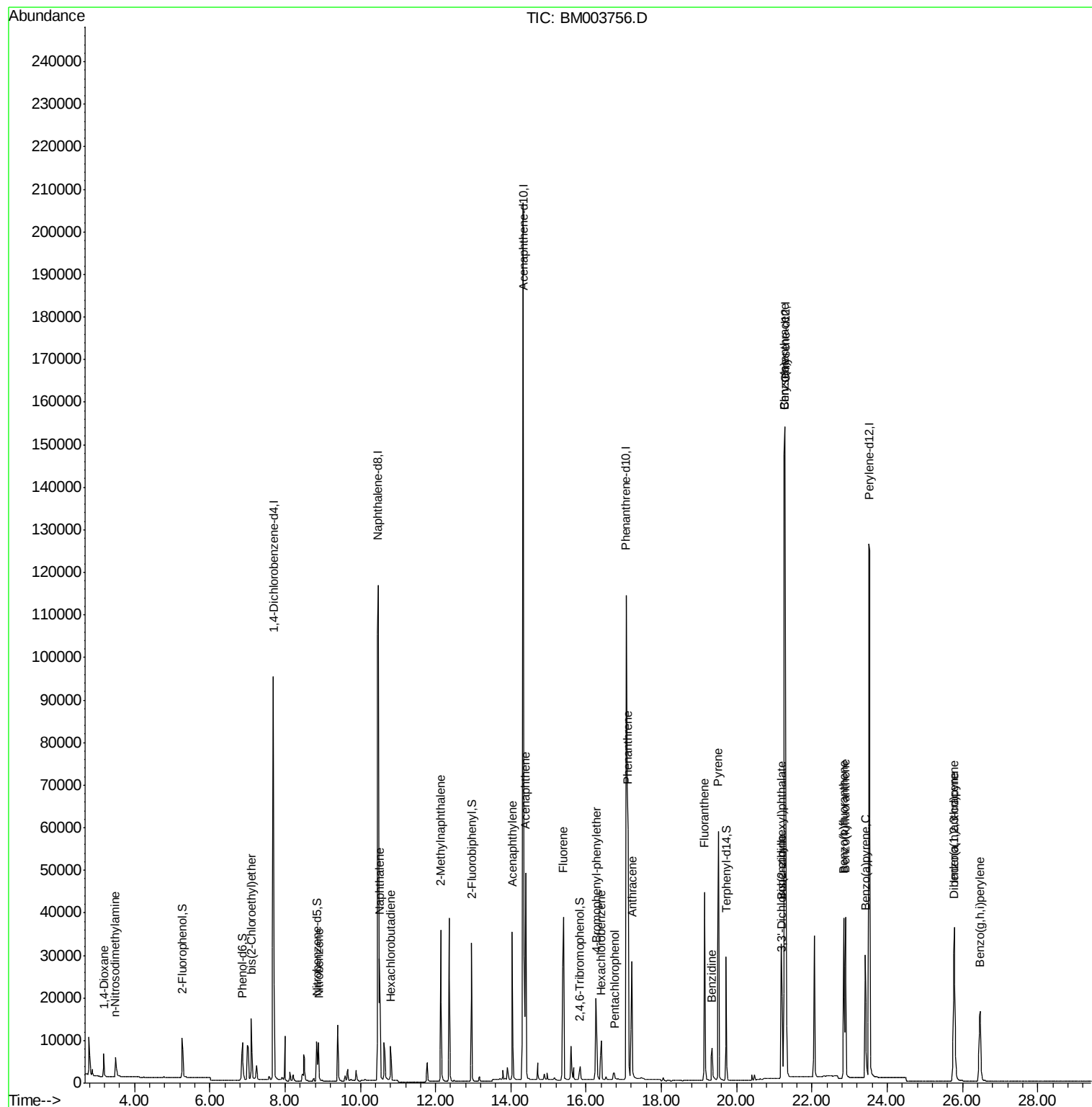
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.18	88	4279	0.92	ng	99
3) n-Nitrosodimethylamine	3.49	42	4472	0.89	ng	99
6) bis(2-Chloroethyl)ether	7.11	93	10870	0.89	ng	100
9) Nitrobenzene	8.89	77	10318	0.85	ng	100
10) Naphthalene	10.51	128	41716	0.92	ng	100
11) Hexachlorobutadiene	10.80	225	6504	0.93	ng	99
12) 2-Methylnaphthalene	12.14	142	27724	0.92	ng	99
16) Acenaphthylene	14.04	152	45040	0.85	ng	100
17) Acenaphthene	14.39	154	30955	0.93	ng	100
18) Fluorene	15.39	166	34880	0.87	ng	99
20) 4-Bromophenyl-phenylether	16.27	248	11900	1.26	ng	97
21) Hexachlorobenzene	16.40	284	11067	1.20	ng	# 99
22) Pentachlorophenol	16.76	266	2262	0.89	ng	98
23) Phenanthrene	17.11	178	69984	1.01	ng	100
24) Anthracene	17.22	178	46536	0.91	ng	100
25) Fluoranthene	19.14	202	60861	0.91	ng	100
27) Benzidine	19.35	184	15874	1.05	ng	99
28) Pyrene	19.52	202	64620	0.90	ng	100
30) Benzo(a)anthracene	21.27	228	53869	0.83	ng	98
31) 3,3'-Dichlorobenzidine	21.21	252	15904	0.97	ng	# 96
32) Chrysene	21.27	228	53873	0.85	ng	# 86
33) Bis(2-ethylhexyl)phthalate	21.19	149	32133	0.88	ng	# 97
34) Indeno(1,2,3-cd)pyrene	25.78	276	40253	0.87	ng	100
36) Benzo(b)fluoranthene	22.85	252	50210	0.92	ng	99
37) Benzo(k)fluoranthene	22.89	252	45364	0.90	ng	99
38) Benzo(a)pyrene	23.42	252	41548	0.88	ng	99
39) Dibenzo(a,h)anthracene	25.79	278	32425	0.88	ng	100
40) Benzo(g,h,i)perylene	26.47	276	33785	0.88	ng	99

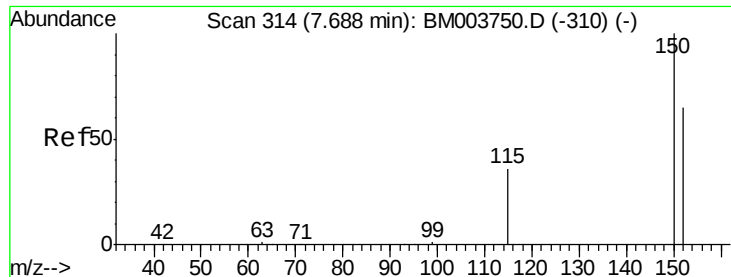
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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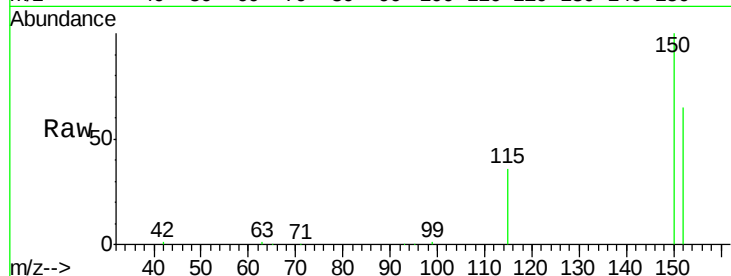


#1

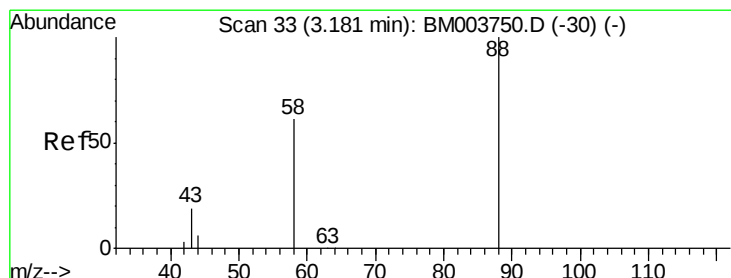
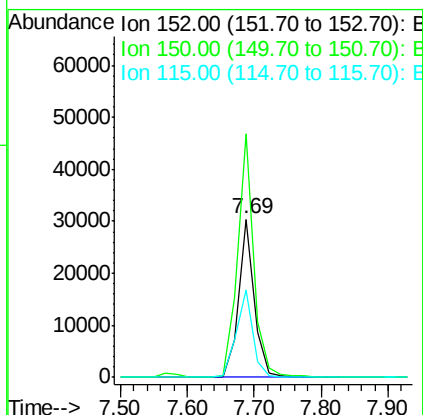
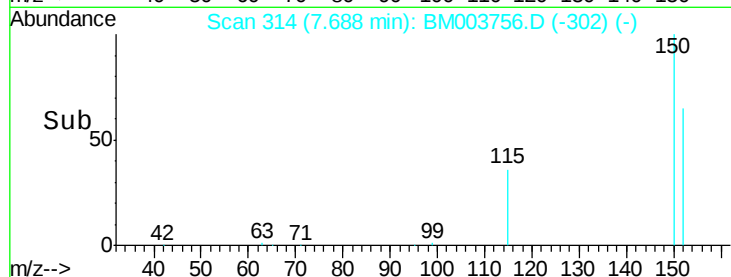
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.69 min Scan# 314
Delta R.T. 0.00 min
Lab File: BM003756.D
Acq: 24 Dec 2015 00:24

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 48997
Ion Ratio Lower Upper
152 100
150 153.8 122.9 184.3
115 54.9 44.4 66.6



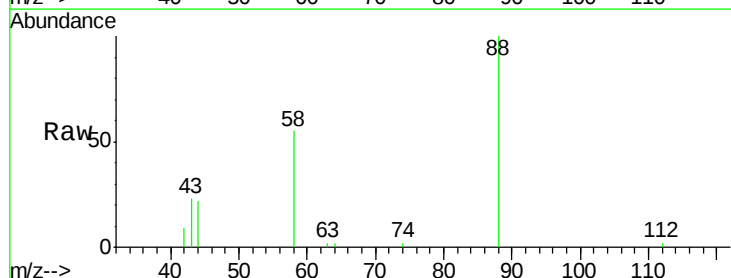
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



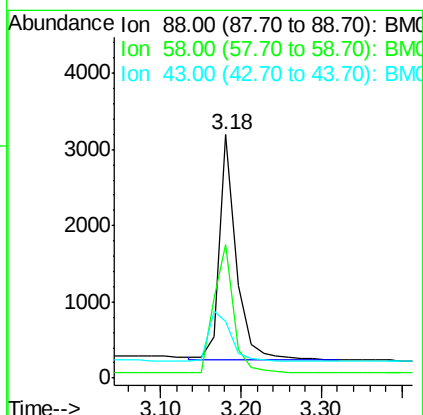
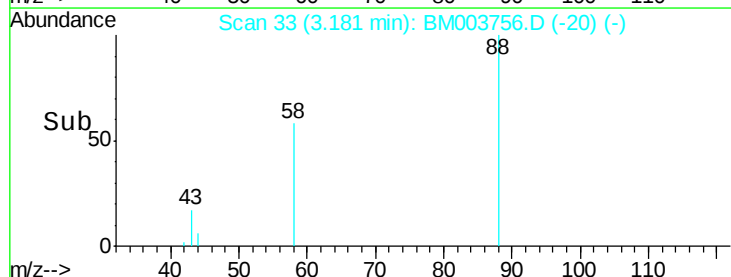
#2

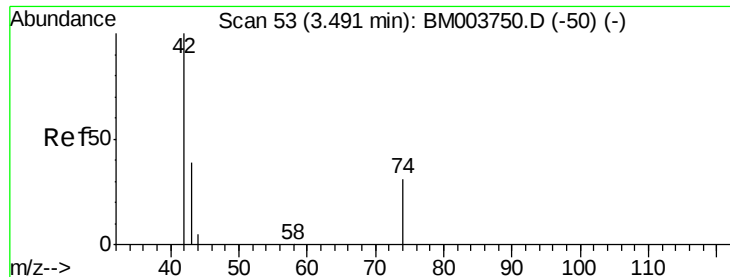
1,4-Dioxane
Concen: 0.92 ng
RT: 3.18 min Scan# 33
Delta R.T. 0.00 min
Lab File: BM003756.D
Acq: 24 Dec 2015 00:24

Tgt Ion: 88 Resp: 4279
Ion Ratio Lower Upper
88 100
58 68.0 53.8 80.6
43 29.7 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: 0.89 ng

RT: 3.49 min Scan# 53

Delta R.T. 0.00 min

Lab File: BM003756.D

Acq: 24 Dec 2015 00:24

Instrument :

BNA_M

ClientSampleId :

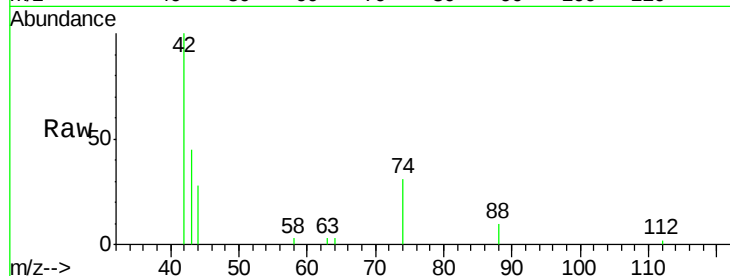
Tot Ion: 42 Resp: 4472

Ion Ratio Lower Upper

42 100

74 117.8 95.0 142.4

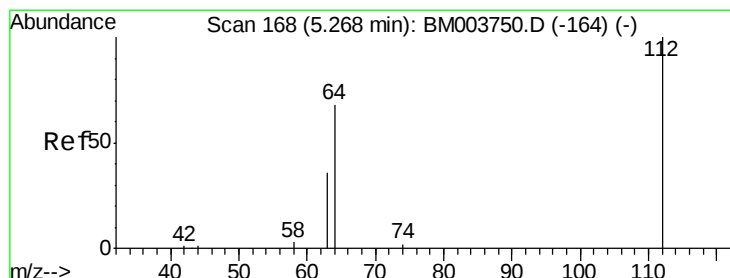
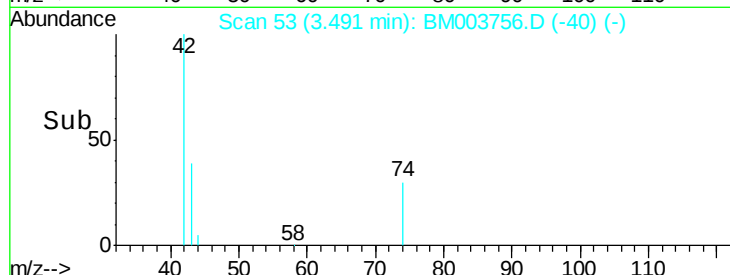
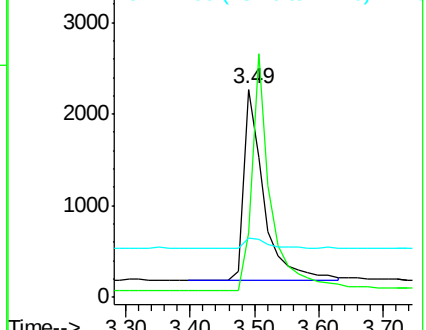
44 7.6 5.1 7.7



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: 0.87 ng

RT: 5.27 min Scan# 168

Delta R.T. 0.00 min

Lab File: BM003756.D

Acq: 24 Dec 2015 00:24

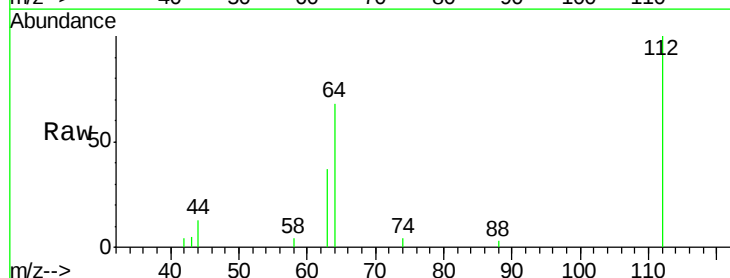
Tgt Ion: 112 Resp: 9714

Ion Ratio Lower Upper

112 100

64 52.2 41.8 62.8

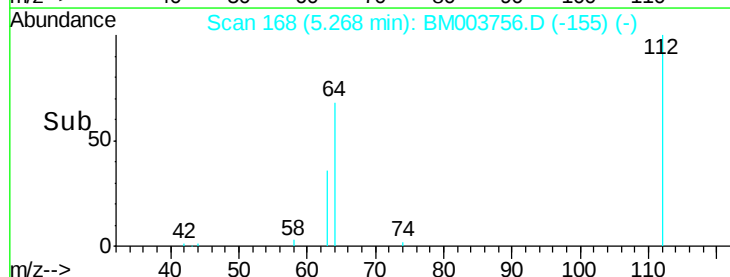
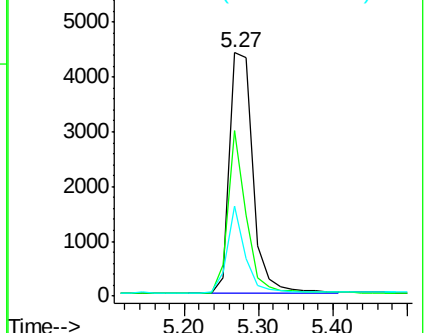
63 27.3 22.1 33.1

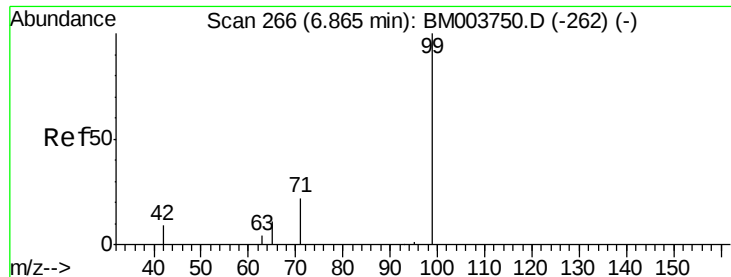


Abundance Ion 112.00 (111.70 to 112.70): BM003750.D (-164) (-)

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: 0.84 ng

RT: 6.87 min Scan# 266

Delta R.T. 0.00 min

Lab File: BM003756.D

Acq: 24 Dec 2015 00:24

Instrument :

BNA_M

ClientSampleId :

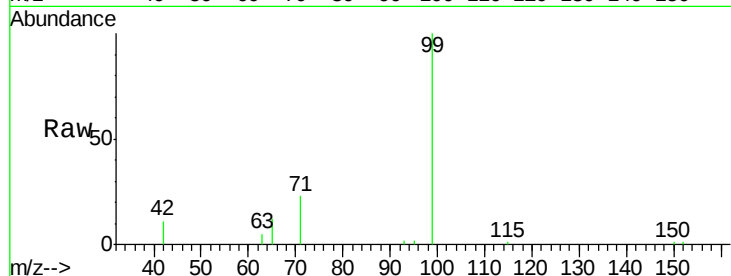
Tot Ion: 99 Resp: 11609

Ion Ratio Lower Upper

99 100

42 19.8 16.2 24.2

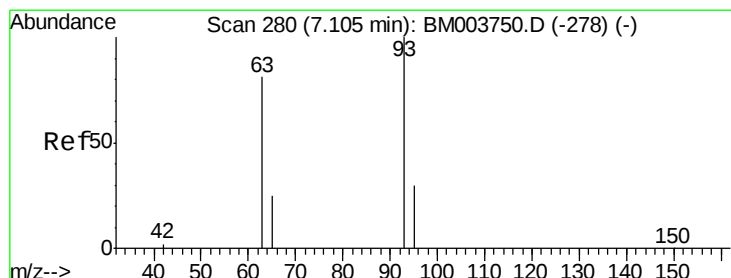
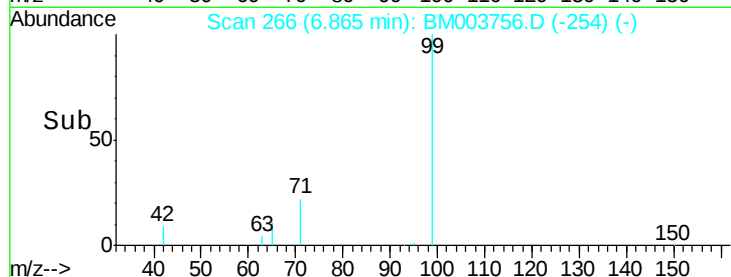
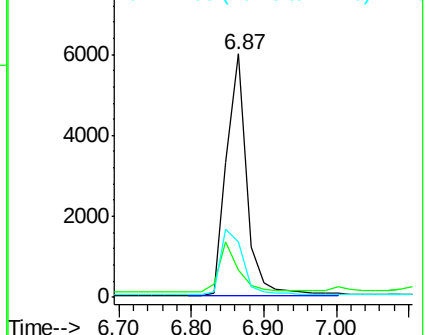
71 30.8 24.4 36.6



Abundance Ion 99.00 (98.70 to 99.70): BM003756.D (-262) (-)

Ion 42.00 (41.70 to 42.70): BM003756.D (-262) (-)

Ion 71.00 (70.70 to 71.70): BM003756.D (-262) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.89 ng

RT: 7.11 min Scan# 280

Delta R.T. 0.00 min

Lab File: BM003756.D

Acq: 24 Dec 2015 00:24

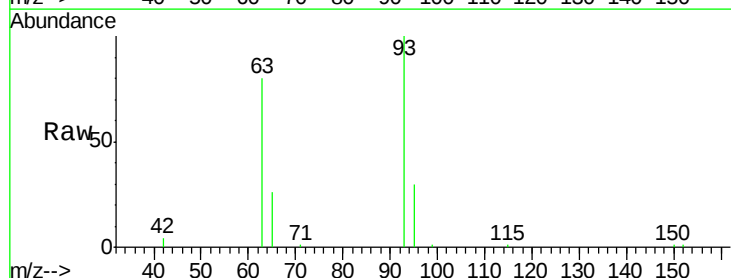
Tgt Ion: 93 Resp: 10870

Ion Ratio Lower Upper

93 100

63 73.1 58.3 87.5

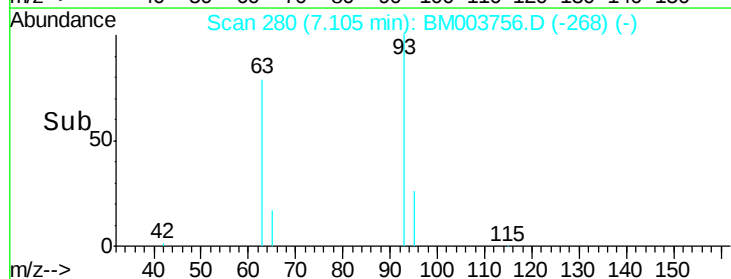
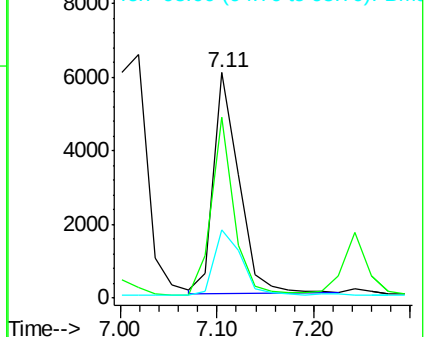
95 32.5 25.8 38.8

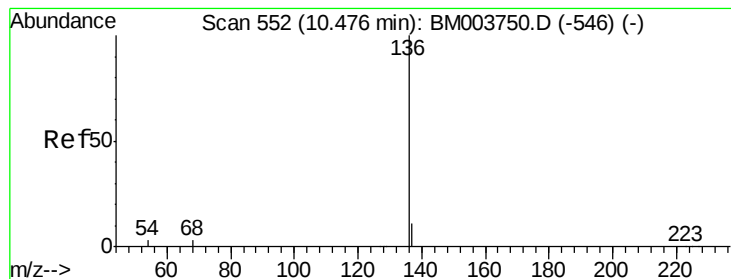


Abundance Ion 93.00 (92.70 to 93.70): BM003756.D (-278) (-)

Ion 63.00 (62.70 to 63.70): BM003756.D (-278) (-)

Ion 95.00 (94.70 to 95.70): BM003756.D (-278) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.48 min Scan# 552

Delta R.T. 0.00 min

Lab File: BM003756.D

Acq: 24 Dec 2015 00:24

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 206781

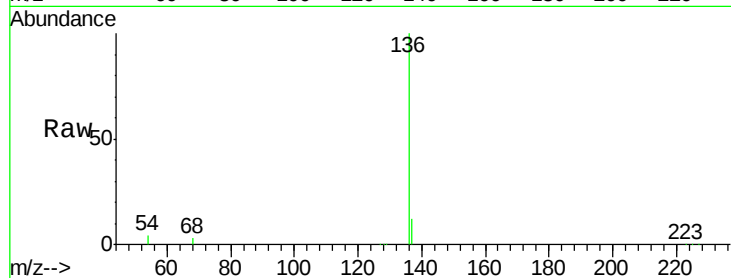
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 3.5 2.8 4.2

68 3.1 2.5 3.7

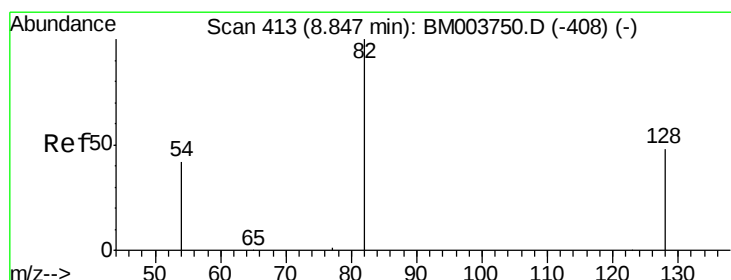
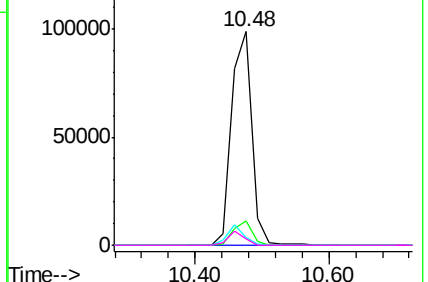
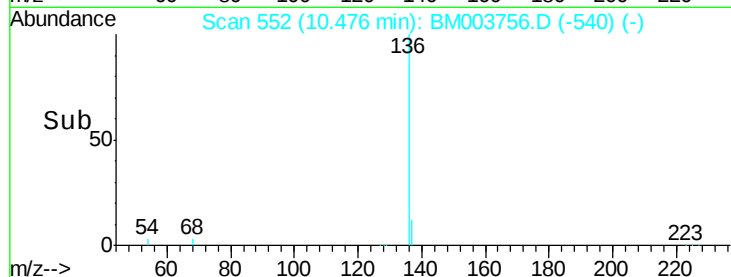


Abundance Ion 136.00 (135.70 to 136.70): B

Ion 137.00 (136.70 to 137.70): B

Ion 54.00 (53.70 to 54.70): B

Ion 68.00 (67.70 to 68.70): B



#8

Nitrobenzene-d5

Concen: 0.85 ng

RT: 8.85 min Scan# 413

Delta R.T. 0.00 min

Lab File: BM003756.D

Acq: 24 Dec 2015 00:24

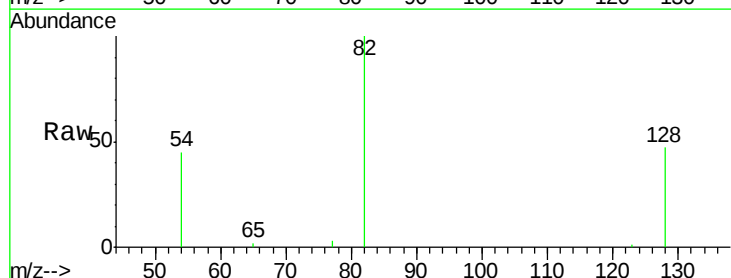
Tgt Ion: 82 Resp: 9035

Ion Ratio Lower Upper

82 100

128 47.5 39.1 58.7

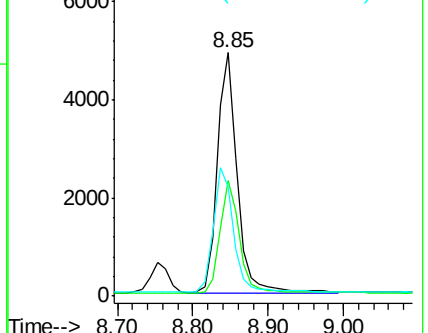
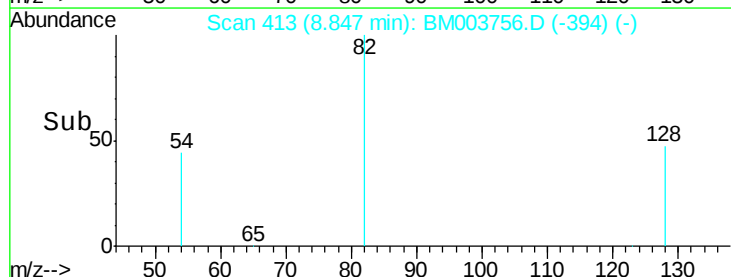
54 44.6 34.8 52.2

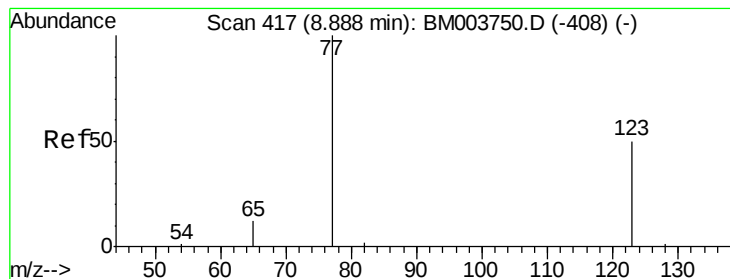


Abundance Ion 82.00 (81.70 to 82.70): B

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): B





#9

Nitrobenzene

Concen: 0.85 ng

RT: 8.89 min Scan# 417

Delta R.T. 0.00 min

Lab File: BM003756.D

Acq: 24 Dec 2015 00:24

Instrument :

BNA_M

ClientSampleId :

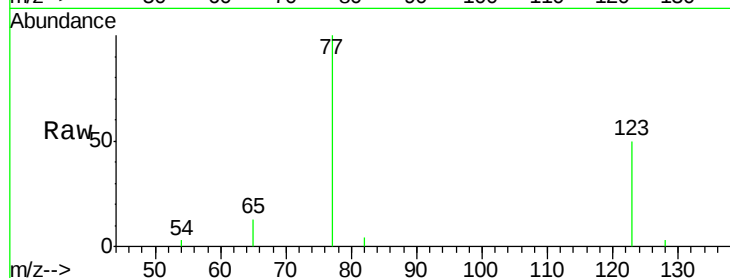
Tot Ion: 77 Resp: 10318

Ion Ratio Lower Upper

77 100

123 48.1 38.6 57.8

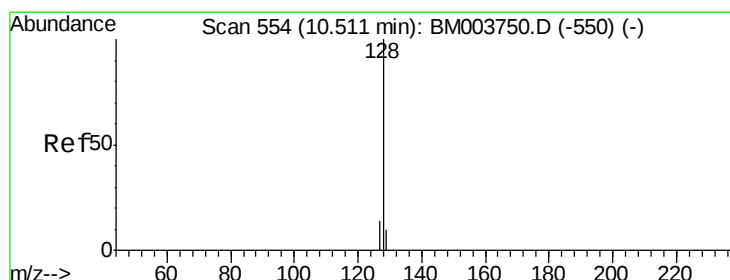
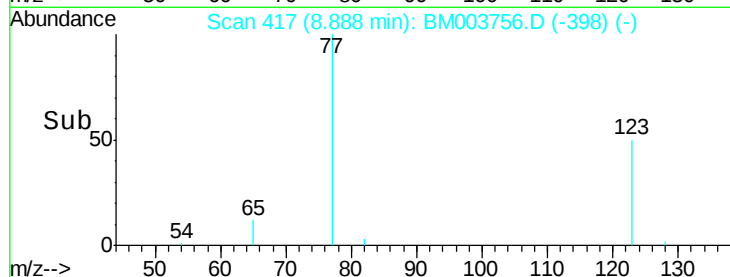
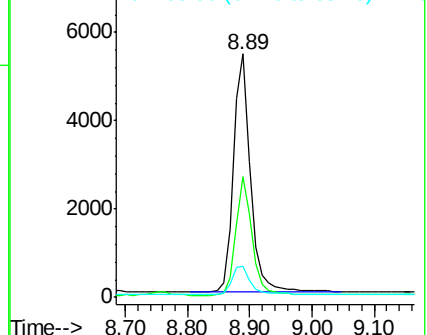
65 12.6 9.9 14.9



Abundance Ion 77.00 (76.70 to 77.70): BM003756.D (-398) (-)

Ion 123.00 (122.70 to 123.70): BM003756.D (-398) (-)

Ion 65.00 (64.70 to 65.70): BM003756.D (-398) (-)



#10

Naphthalene

Concen: 0.92 ng

RT: 10.51 min Scan# 554

Delta R.T. 0.00 min

Lab File: BM003756.D

Acq: 24 Dec 2015 00:24

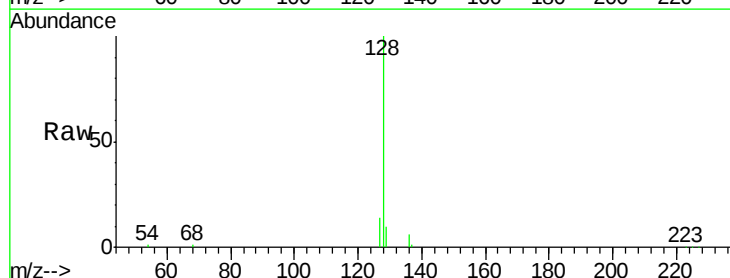
Tgt Ion: 128 Resp: 41716

Ion Ratio Lower Upper

128 100

129 10.5 8.5 12.7

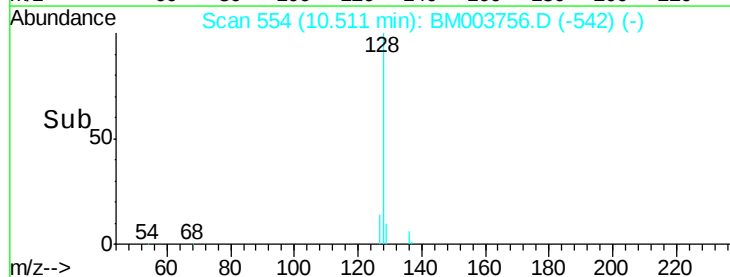
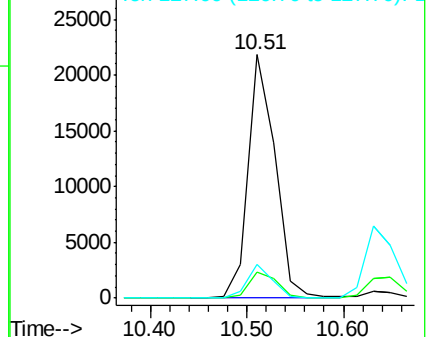
127 13.8 11.0 16.4

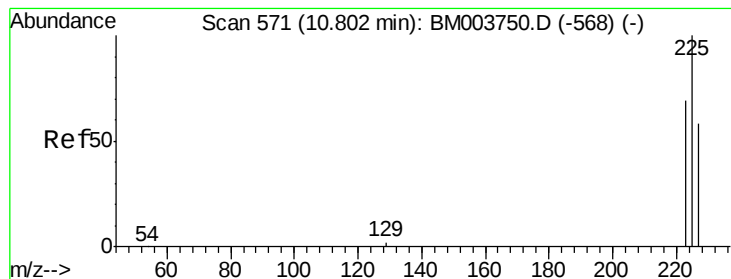


Abundance Ion 128.00 (127.70 to 128.70): BM003756.D (-542) (-)

Ion 129.00 (128.70 to 129.70): BM003756.D (-542) (-)

Ion 127.00 (126.70 to 127.70): BM003756.D (-542) (-)





#11

Hexachlorobutadiene

Concen: 0.93 ng

RT: 10.80 min Scan# 571

Delta R.T. 0.00 min

Lab File: BM003756.D

Acq: 24 Dec 2015 00:24

Instrument :

BNA_M

ClientSampleId :

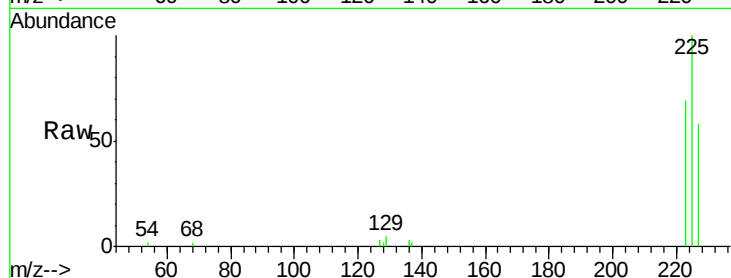
Tot Ion:225 Resp: 6504

Ion Ratio Lower Upper

225 100

223 62.9 50.9 76.3

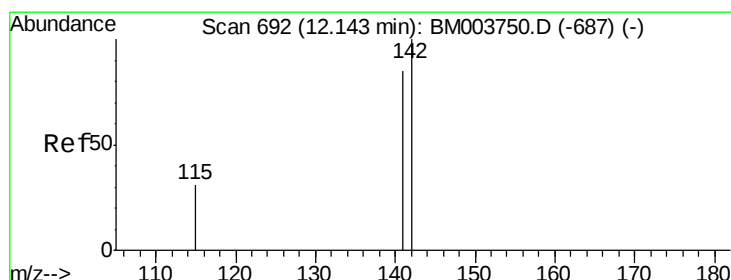
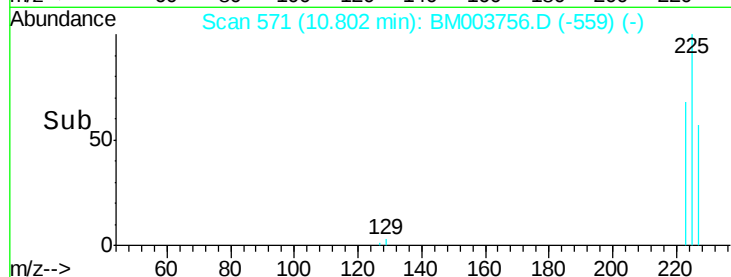
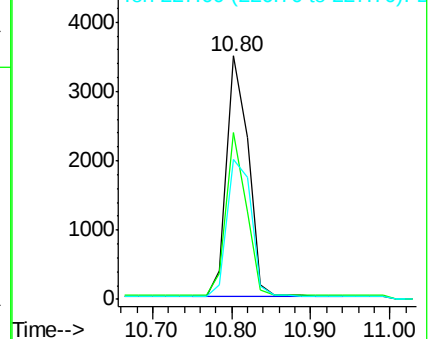
227 63.6 51.2 76.8



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



#12

2-Methylnaphthalene

Concen: 0.92 ng

RT: 12.14 min Scan# 692

Delta R.T. 0.00 min

Lab File: BM003756.D

Acq: 24 Dec 2015 00:24

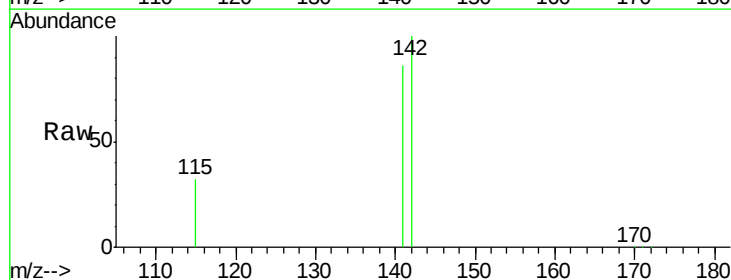
Tgt Ion:142 Resp: 27724

Ion Ratio Lower Upper

142 100

141 86.1 67.8 101.8

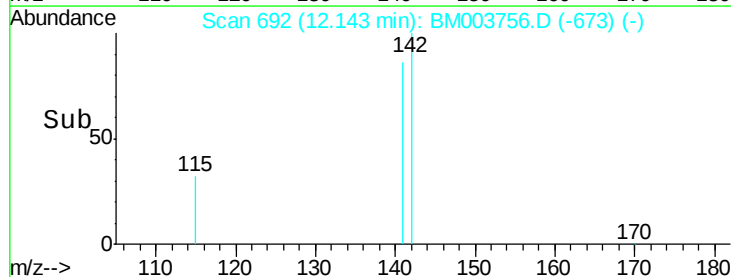
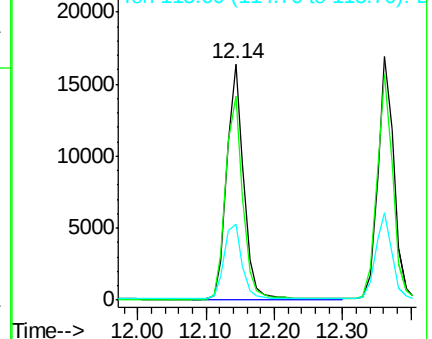
115 32.1 25.3 37.9

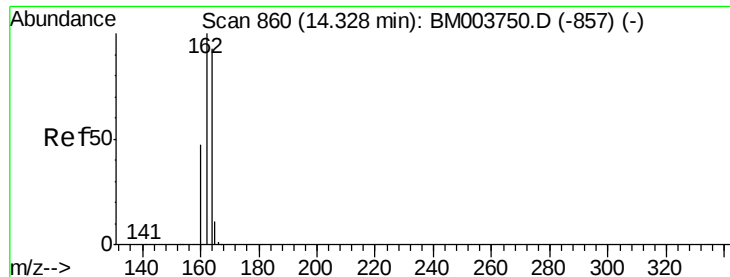


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.33 min Scan# 860

Delta R.T. 0.00 min

Lab File: BM003756.D

Acq: 24 Dec 2015 00:24

Instrument :

BNA_M

ClientSampleId :

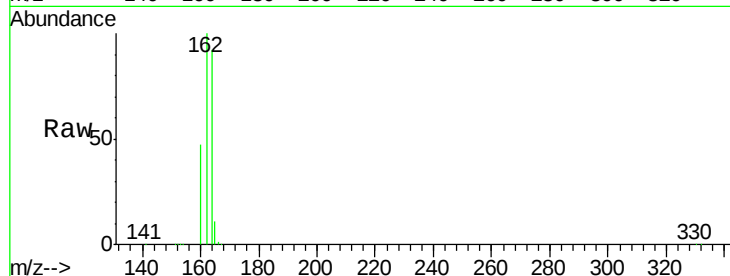
Tot Ion:164 Resp: 119871

Ion Ratio Lower Upper

164 100

162 108.9 86.0 129.0

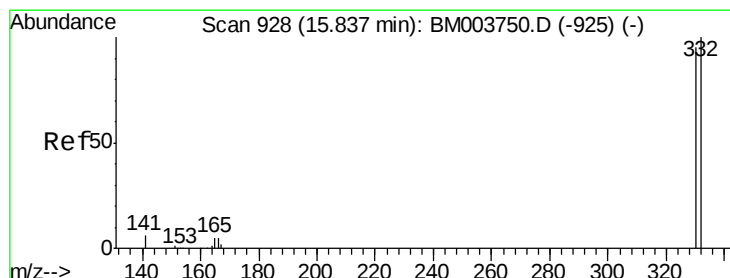
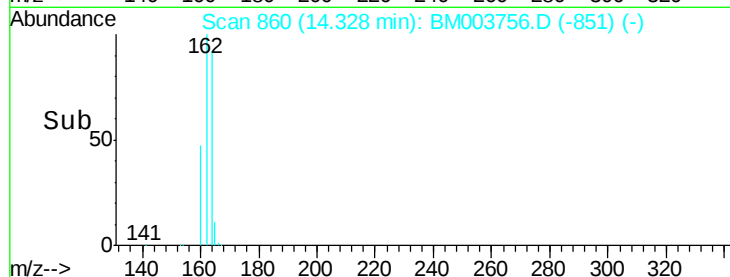
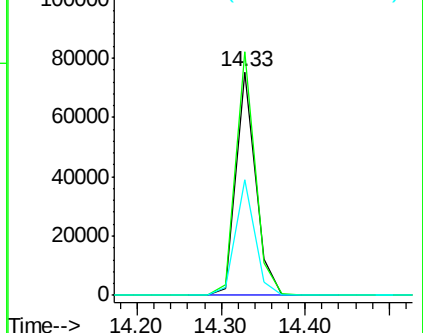
160 51.4 40.3 60.5



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



#14

2,4,6-Tribromophenol

Concen: 0.76 ng

RT: 15.84 min Scan# 928

Delta R.T. 0.00 min

Lab File: BM003756.D

Acq: 24 Dec 2015 00:24

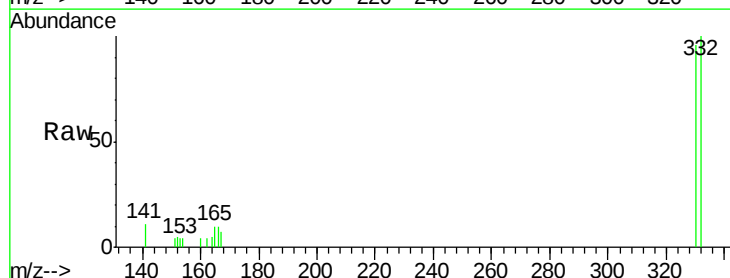
Tgt Ion:330 Resp: 2577

Ion Ratio Lower Upper

330 100

332 99.0 79.0 118.4

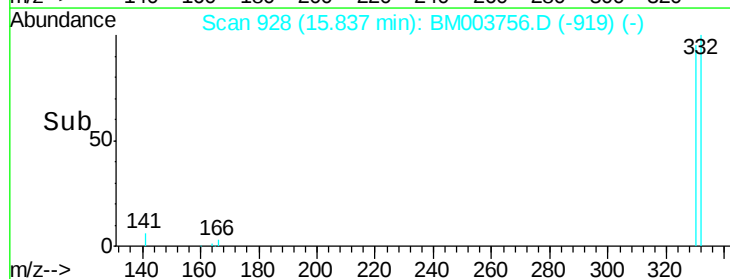
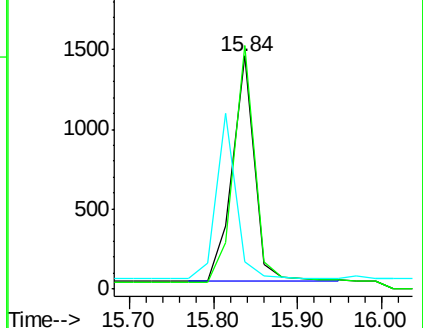
141 0.0 0.0 0.0

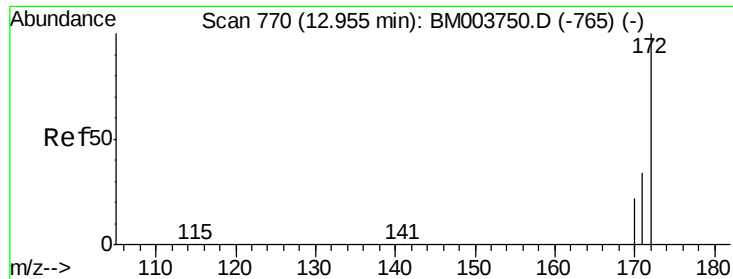


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

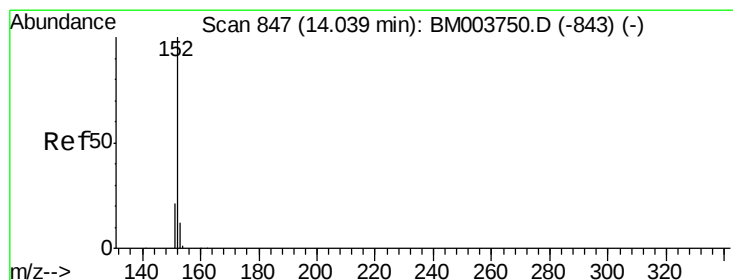
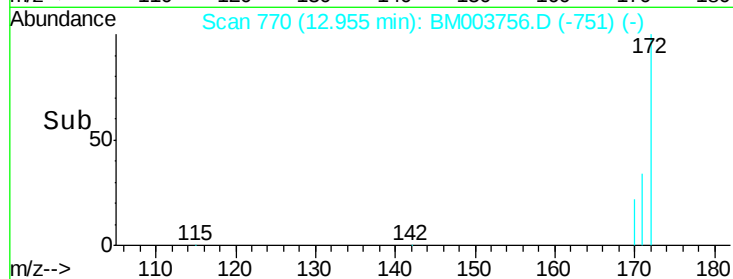
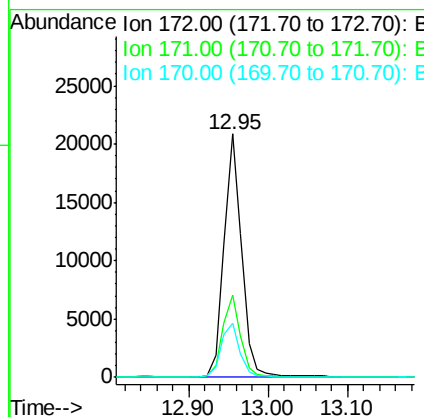
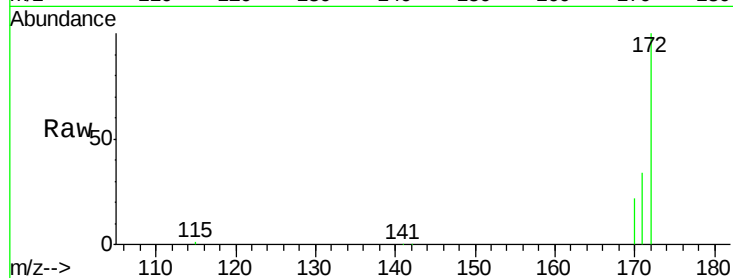




#15
2-Fluorobiphenyl
Concen: 0.91 ng
RT: 12.95 min Scan# 770
Delta R.T. 0.00 min
Lab File: BM003756.D
Acq: 24 Dec 2015 00:24

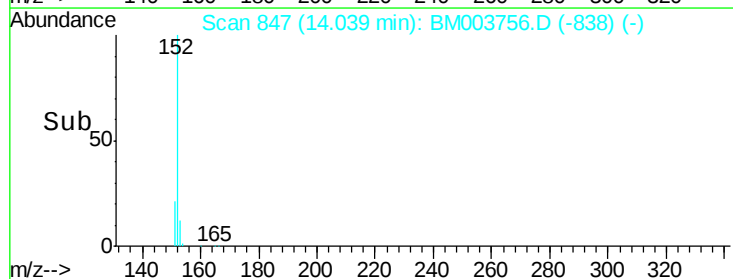
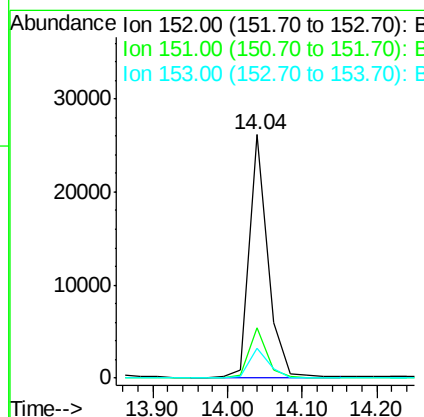
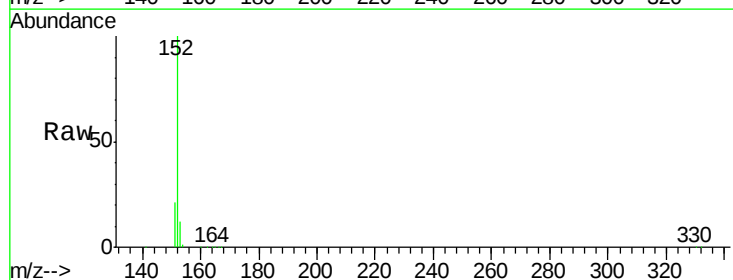
Instrument :
BNA_M
ClientSampled :

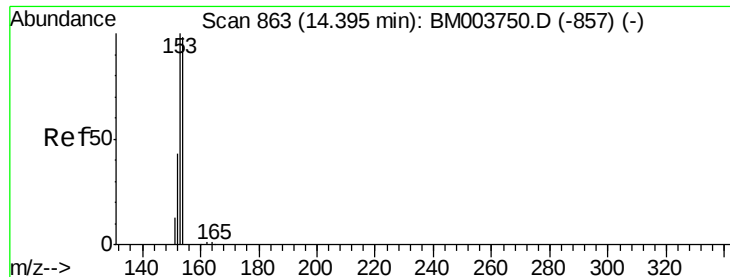
Tot Ion:172 Resp: 31737
Ion Ratio Lower Upper
172 100
171 34.0 27.0 40.6
170 22.4 17.9 26.9



#16
Acenaphthylene
Concen: 0.85 ng
RT: 14.04 min Scan# 847
Delta R.T. 0.00 min
Lab File: BM003756.D
Acq: 24 Dec 2015 00:24

Tgt Ion:152 Resp: 45040
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.8
153 12.7 10.2 15.4





#17

Acenaphthene

Concen: 0.93 ng

RT: 14.39 min Scan# 863

Delta R.T. 0.00 min

Lab File: BM003756.D

Acq: 24 Dec 2015 00:24

Instrument :

BNA_M

ClientSampled :

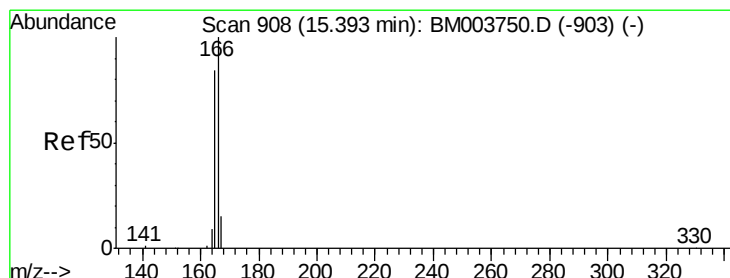
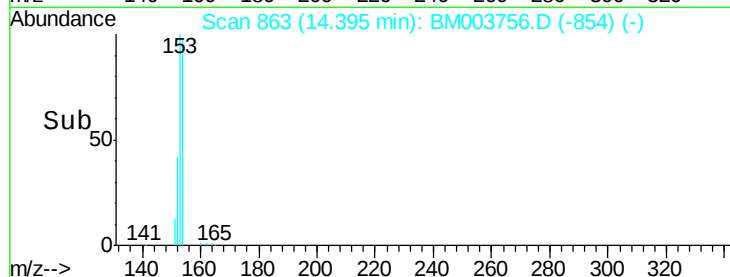
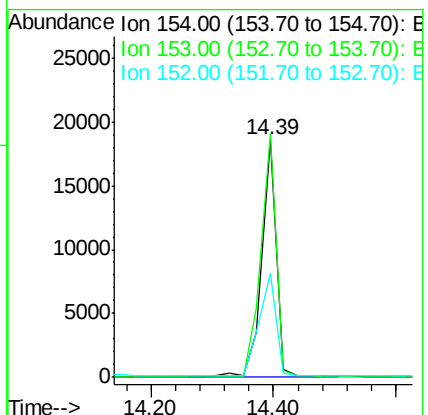
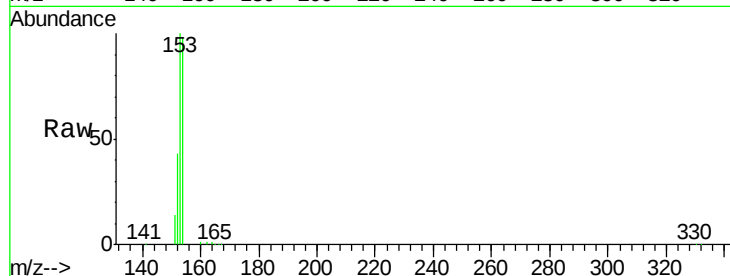
Tot Ion:154 Resp: 30955

Ion Ratio Lower Upper

154 100

153 107.4 85.4 128.2

152 50.5 40.6 60.8



#18

Fluorene

Concen: 0.87 ng

RT: 15.39 min Scan# 908

Delta R.T. 0.00 min

Lab File: BM003756.D

Acq: 24 Dec 2015 00:24

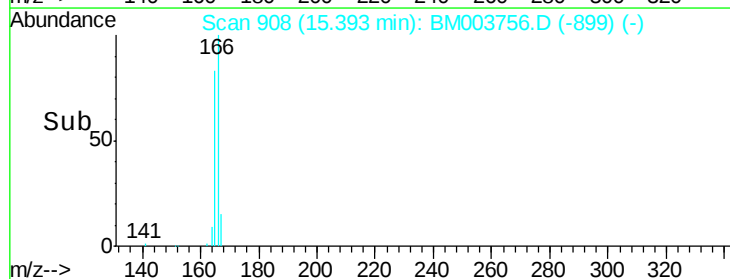
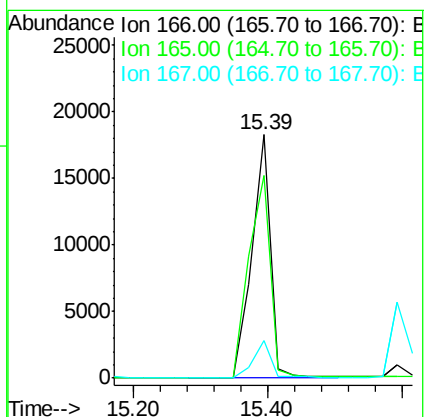
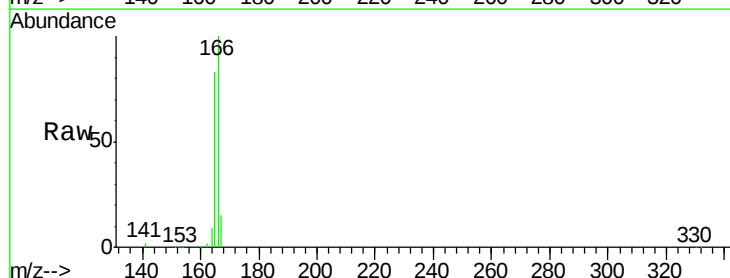
Tgt Ion:166 Resp: 34880

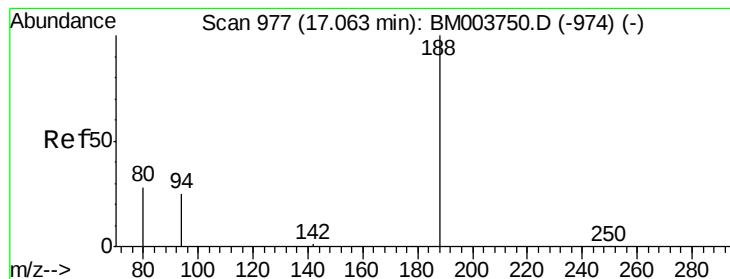
Ion Ratio Lower Upper

166 100

165 95.7 77.2 115.8

167 13.7 11.0 16.6





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.06 min Scan# 977

Delta R.T. 0.00 min

Lab File: BM003756.D

Acq: 24 Dec 2015 00:24

Instrument :

BNA_M

ClientSampleId :

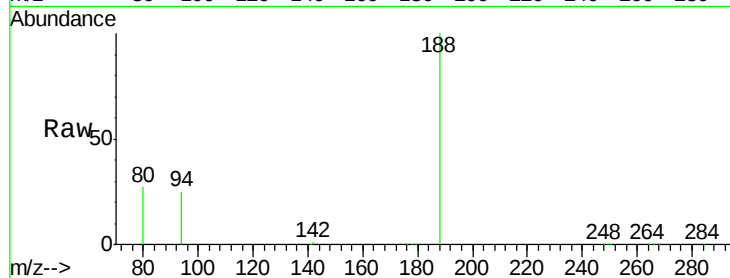
Tot Ion:188 Resp: 218143

Ion Ratio Lower Upper

188 100

94 24.9 20.3 30.5

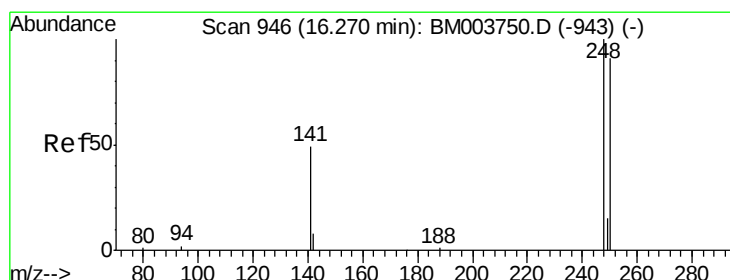
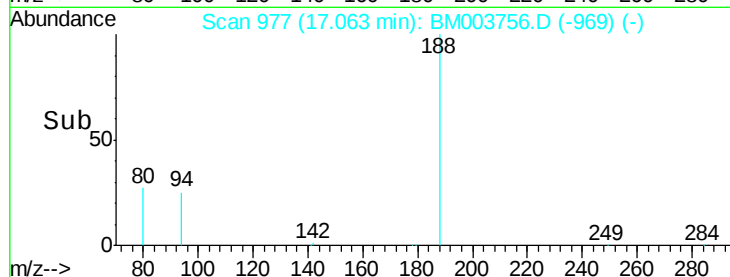
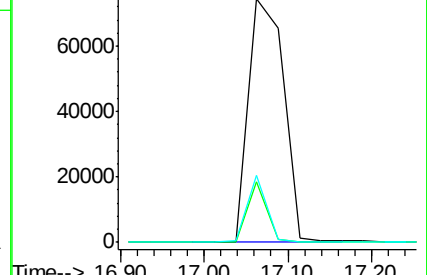
80 27.5 22.2 33.4



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: 1.26 ng

RT: 16.27 min Scan# 946

Delta R.T. 0.00 min

Lab File: BM003756.D

Acq: 24 Dec 2015 00:24

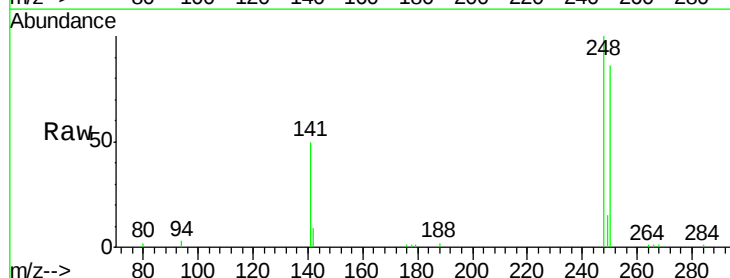
Tgt Ion:248 Resp: 11900

Ion Ratio Lower Upper

248 100

250 88.9 75.0 112.4

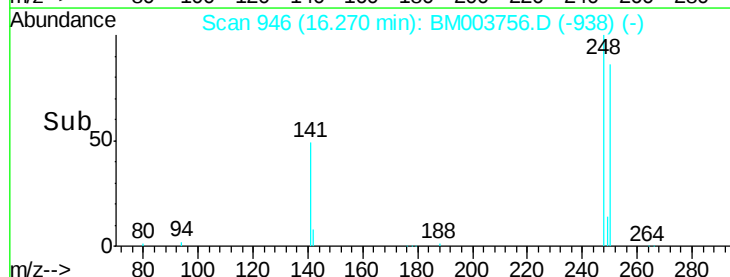
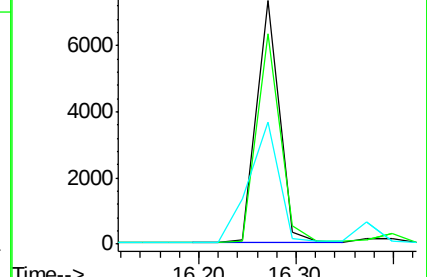
141 65.4 53.0 79.4

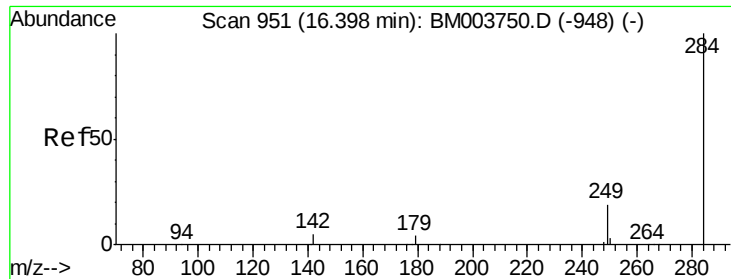


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

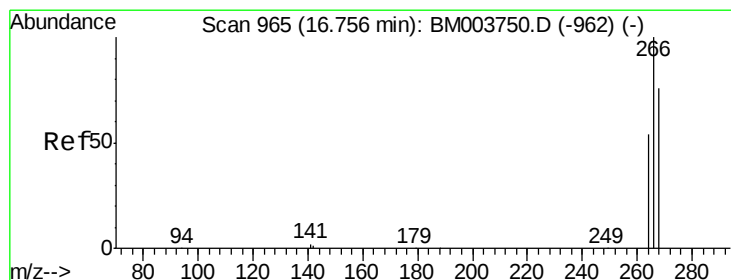
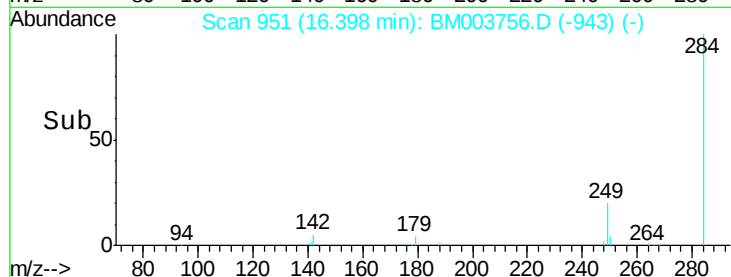
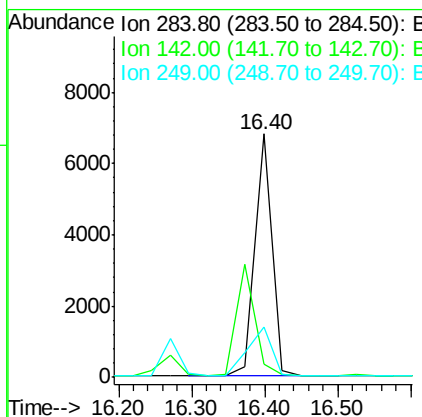
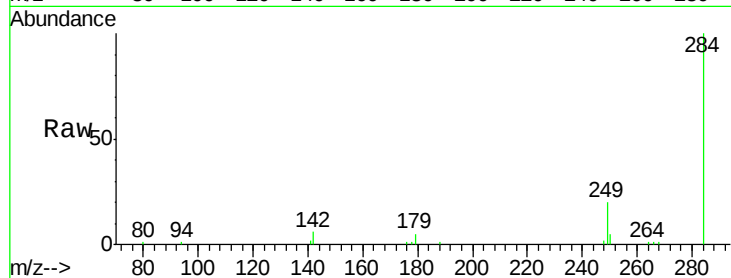




#21
Hexachlorobenzene
Concen: 1.20 ng
RT: 16.40 min Scan# 951
Delta R.T. 0.00 min
Lab File: BM003756.D
Acq: 24 Dec 2015 00:24

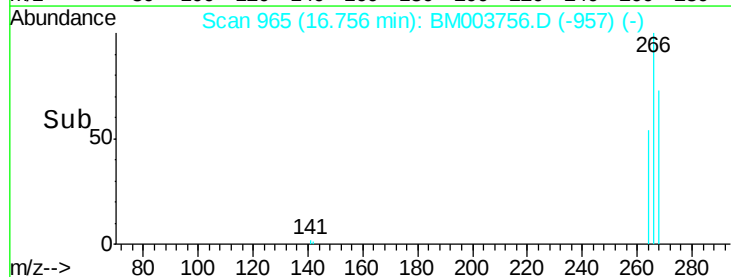
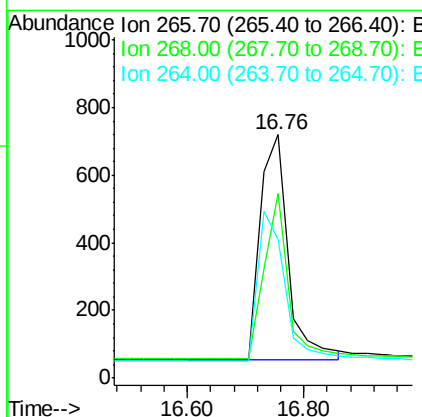
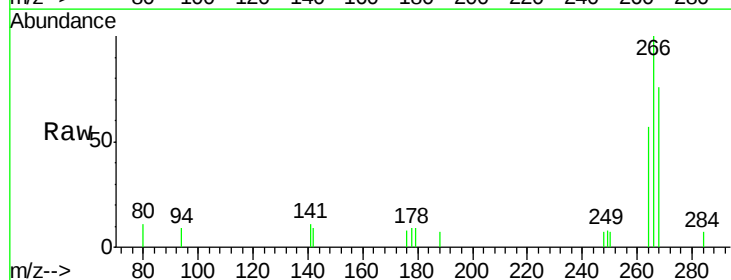
Instrument :
BNA_M
ClientSampled :

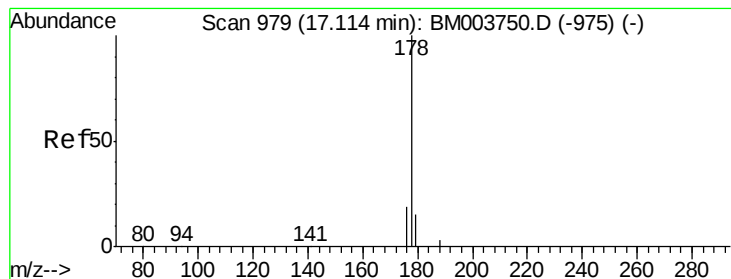
Tot Ion:284 Resp: 11067
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 27.6 21.5 32.3



#22
Pentachlorophenol
Concen: 0.89 ng
RT: 16.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BM003756.D
Acq: 24 Dec 2015 00:24

Tgt Ion:266 Resp: 2262
Ion Ratio Lower Upper
266 100
268 75.8 62.7 94.1
264 56.9 45.7 68.5





#23

Phenanthrene

Concen: 1.01 ng

RT: 17.11 min Scan# 979

Delta R.T. 0.00 min

Lab File: BM003756.D

Acq: 24 Dec 2015 00:24

Instrument :

BNA_M

ClientSampleId :

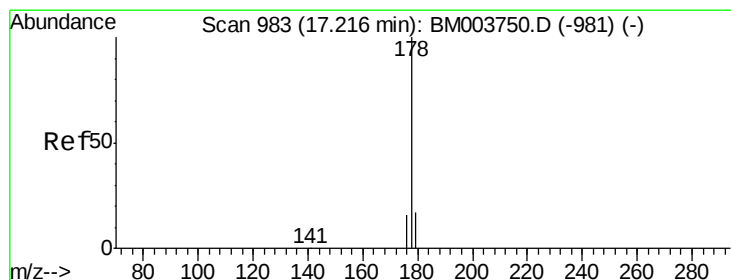
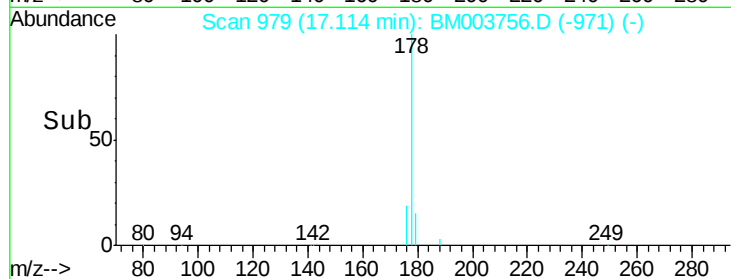
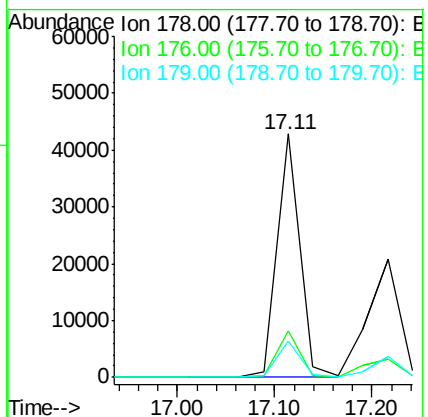
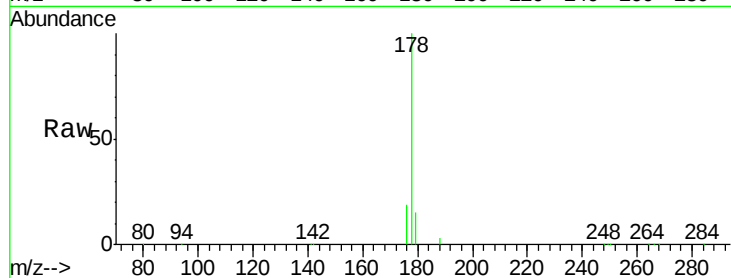
Tot Ion:178 Resp: 69984

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

179 15.3 12.2 18.4



#24

Anthracene

Concen: 0.91 ng

RT: 17.22 min Scan# 983

Delta R.T. 0.00 min

Lab File: BM003756.D

Acq: 24 Dec 2015 00:24

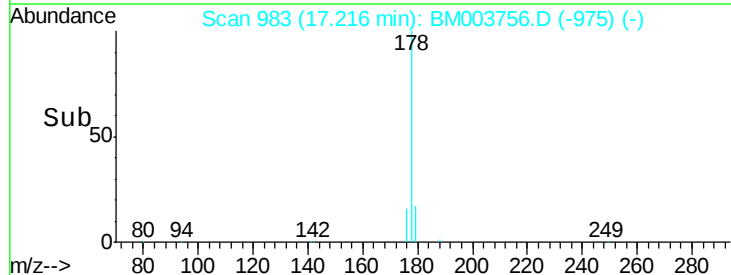
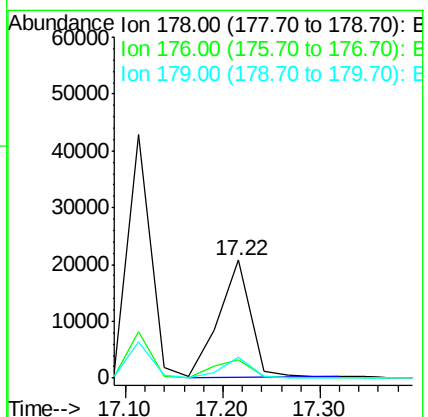
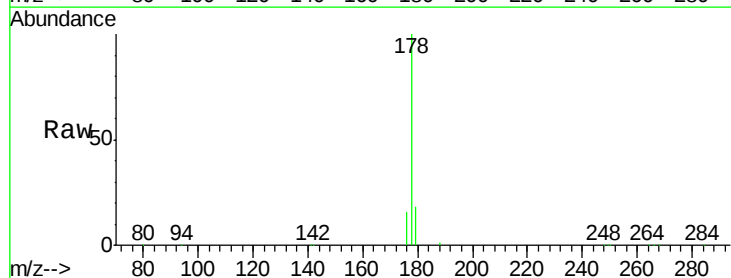
Tgt Ion:178 Resp: 46536

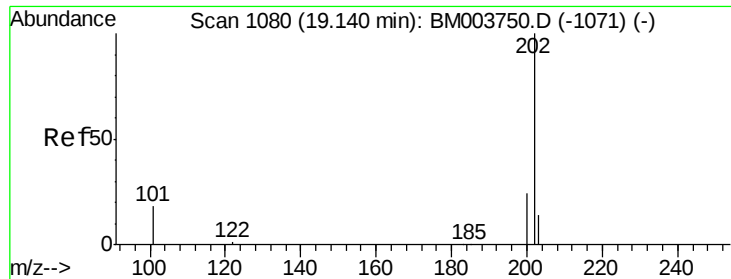
Ion Ratio Lower Upper

178 100

176 18.2 14.6 21.8

179 15.7 12.6 19.0





#25

Fluoranthene

Concen: 0.91 ng

RT: 19.14 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BM003756.D

Acq: 24 Dec 2015 00:24

Instrument :

BNA_M

ClientSampleId :

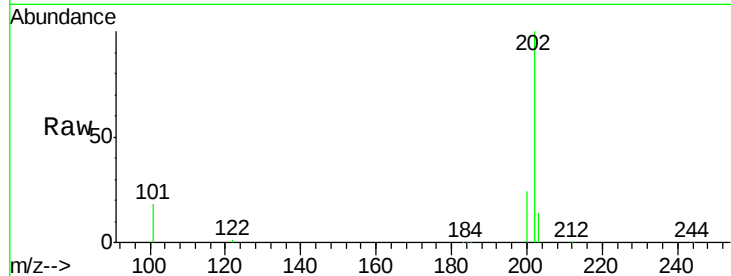
Tot Ion:202 Resp: 60861

Ion Ratio Lower Upper

202 100

101 12.1 9.7 14.5

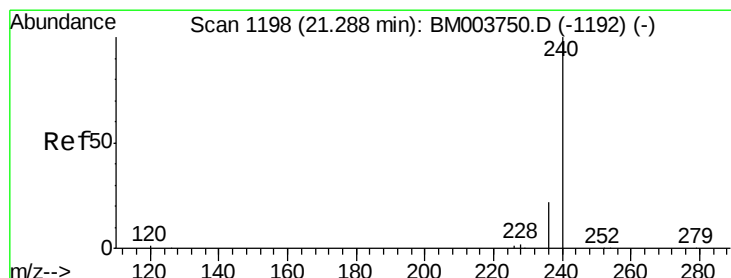
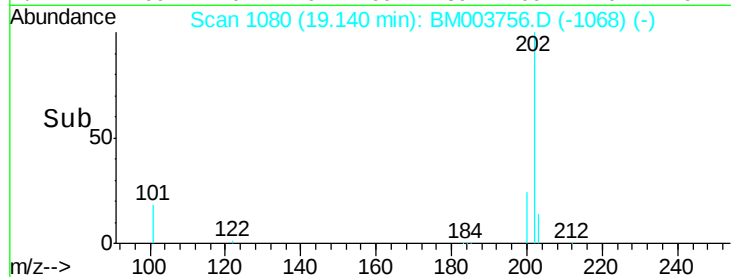
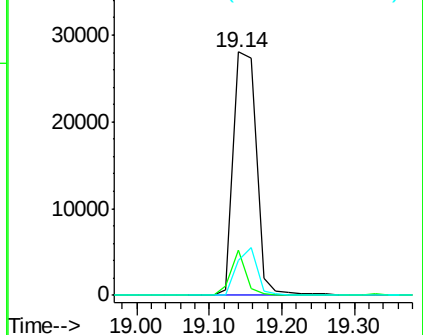
203 17.2 13.8 20.8



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: BM003756.D

Acq: 24 Dec 2015 00:24

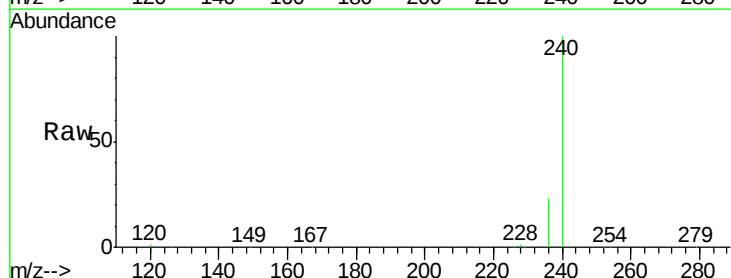
Tgt Ion:240 Resp: 217334

Ion Ratio Lower Upper

240 100

120 1.4 0.9 1.3#

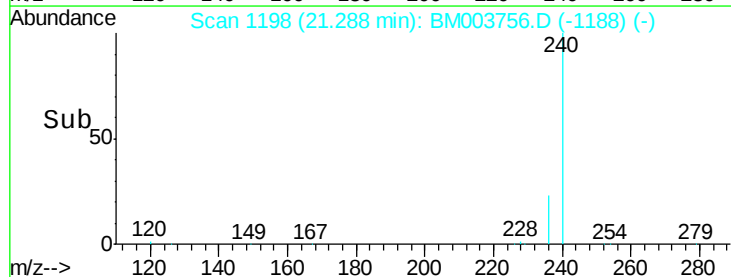
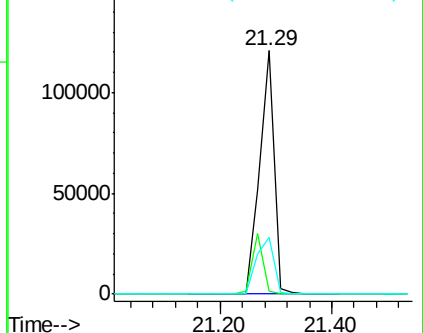
236 23.2 17.3 25.9

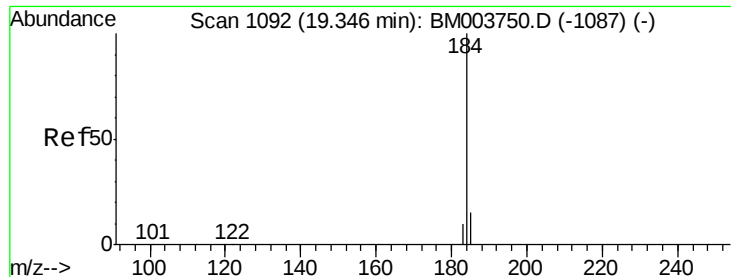


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 1.05 ng

RT: 19.35 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BM003756.D

Acq: 24 Dec 2015 00:24

Instrument :

BNA_M

ClientSampleId :

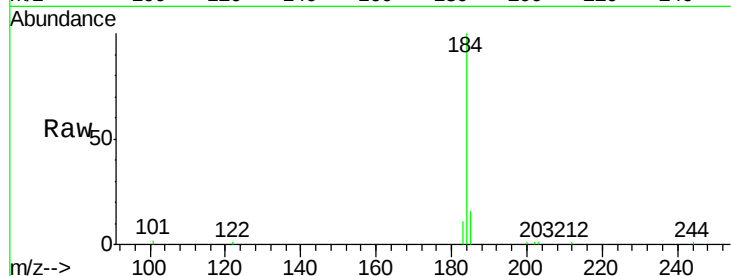
Tot Ion:184 Resp: 15874

Ion Ratio Lower Upper

184 100

185 16.1 13.2 19.8

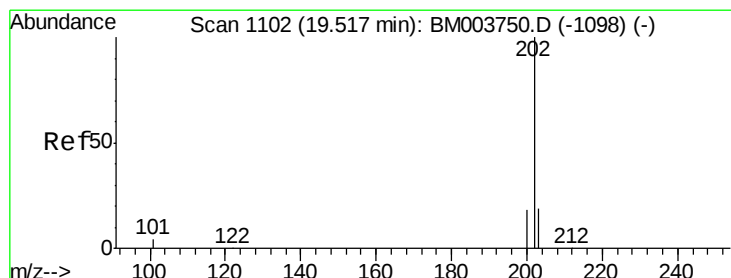
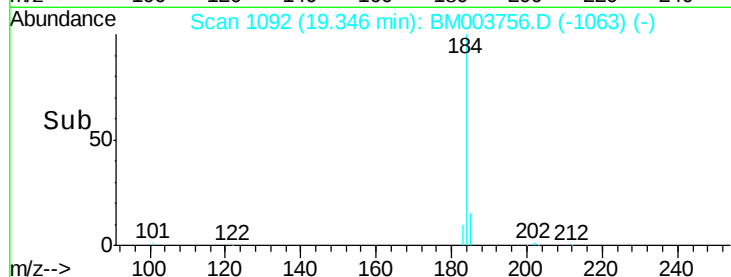
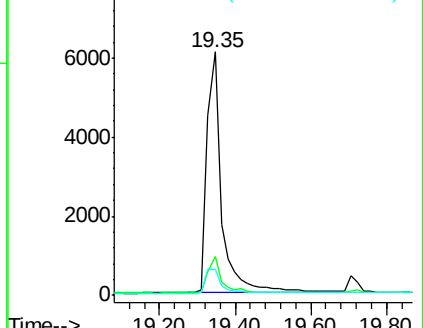
183 10.7 9.0 13.6



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: 0.90 ng

RT: 19.52 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BM003756.D

Acq: 24 Dec 2015 00:24

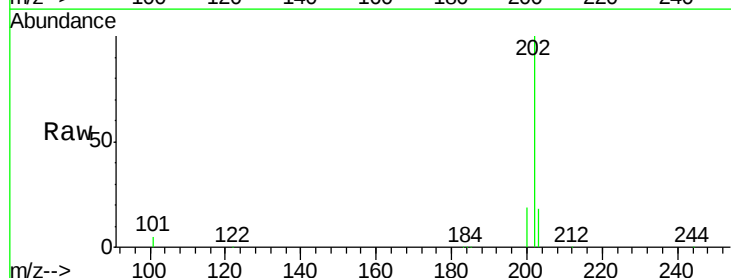
Tgt Ion:202 Resp: 64620

Ion Ratio Lower Upper

202 100

200 20.9 16.6 24.8

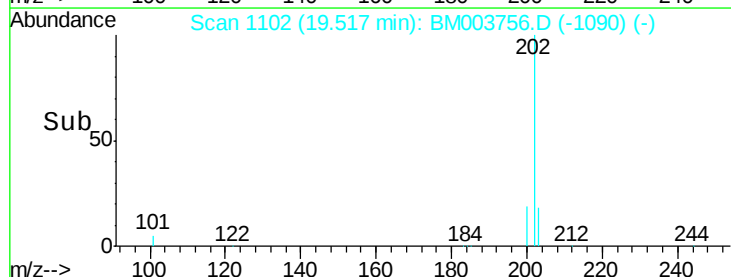
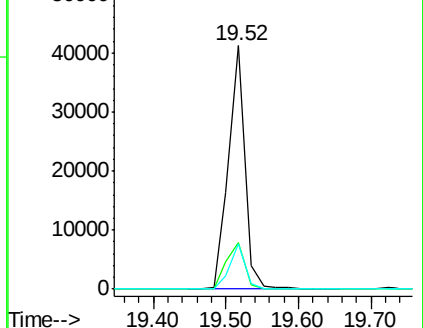
203 17.4 14.0 21.0

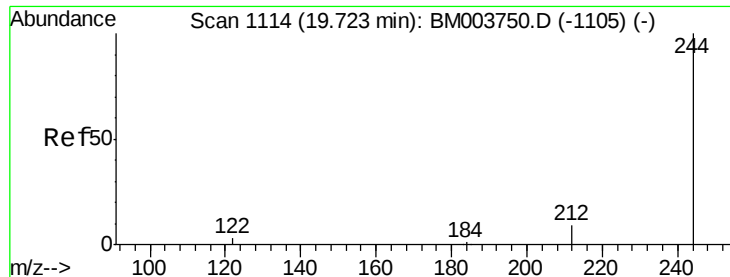


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.90 ng

RT: 19.72 min Scan# 1114

Delta R.T. 0.00 min

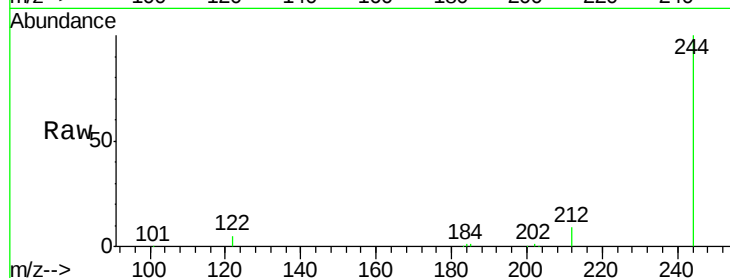
Lab File: BM003756.D

Acq: 24 Dec 2015 00:24

Instrument :

BNA_M

ClientSampleId :



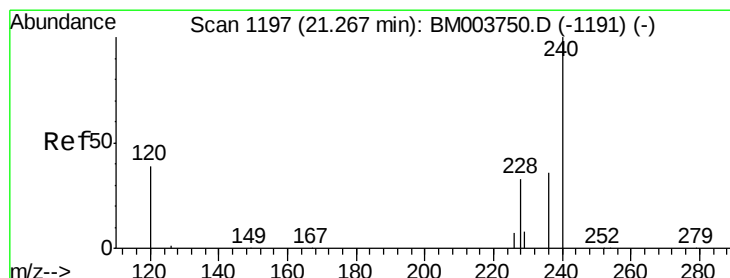
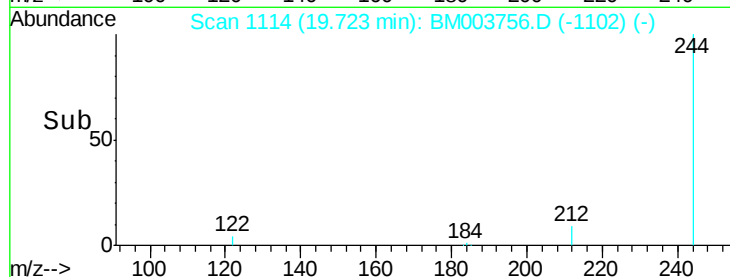
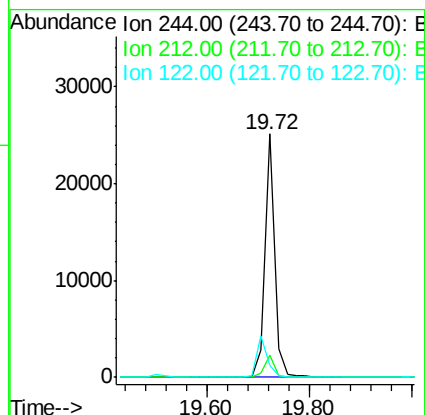
Tot Ion:244 Resp: 32206

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.6

122 4.7 3.0 4.6#



#30

Benzo(a)anthracene

Concen: 0.83 ng

RT: 21.27 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BM003756.D

Acq: 24 Dec 2015 00:24

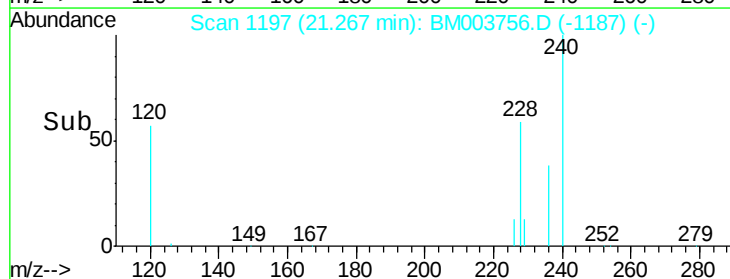
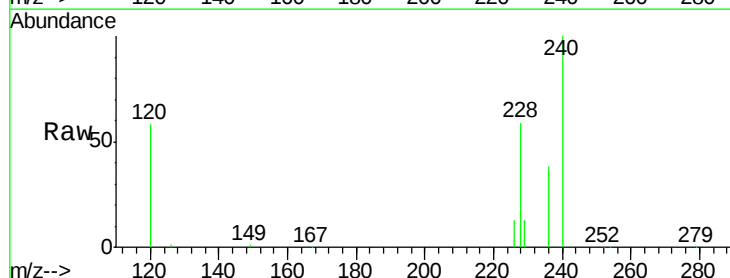
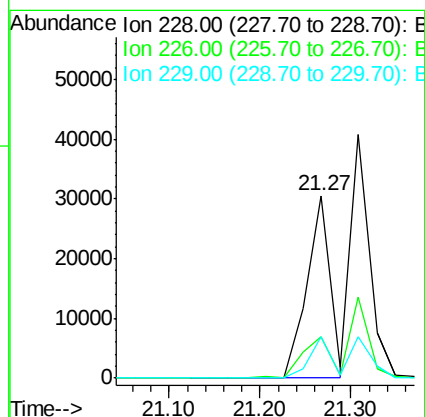
Tgt Ion:228 Resp: 53869

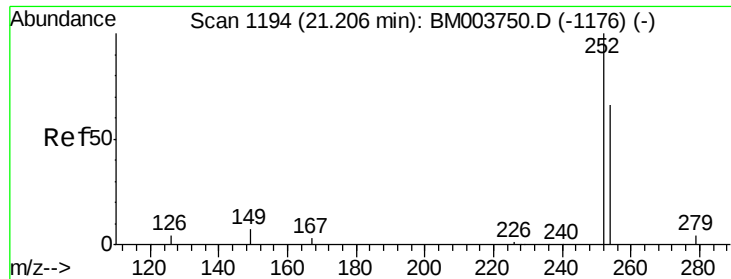
Ion Ratio Lower Upper

228 100

226 22.6 17.2 25.8

229 22.5 18.7 28.1

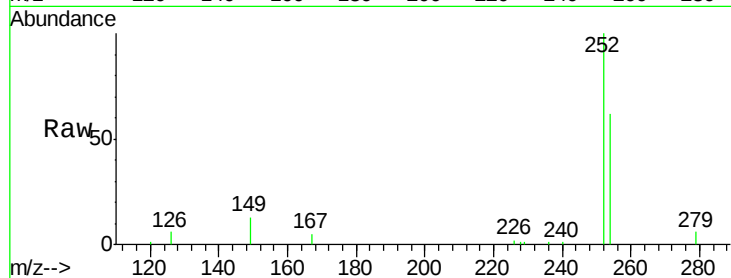




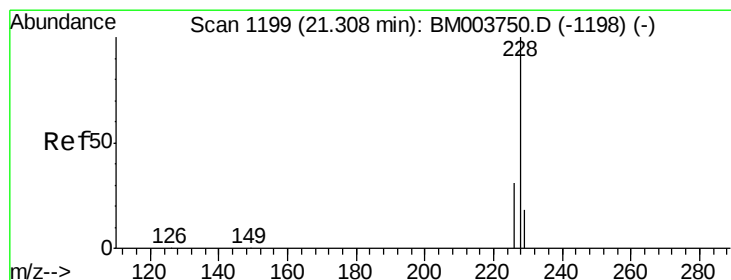
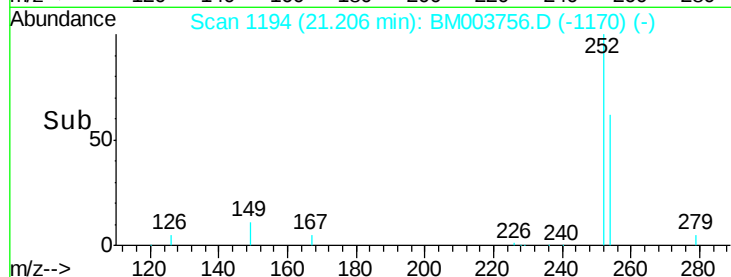
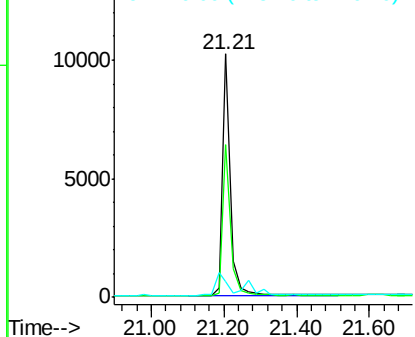
#31
 3,3'-Dichlorobenzidine
 Concen: 0.97 ng
 RT: 21.21 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BM003756.D
 Acq: 24 Dec 2015 00:24

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:252 Resp: 15904
 Ion Ratio Lower Upper
 252 100
 254 62.5 52.6 79.0
 126 6.2 3.7 5.5#

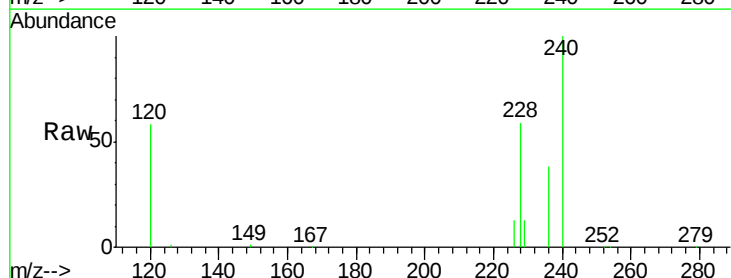


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

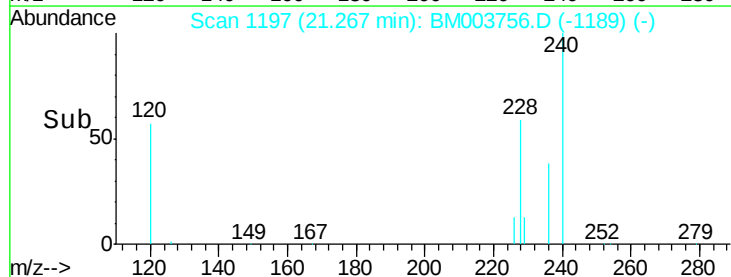
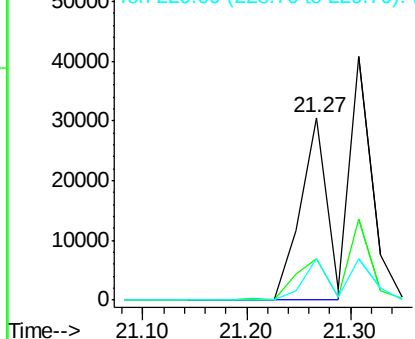


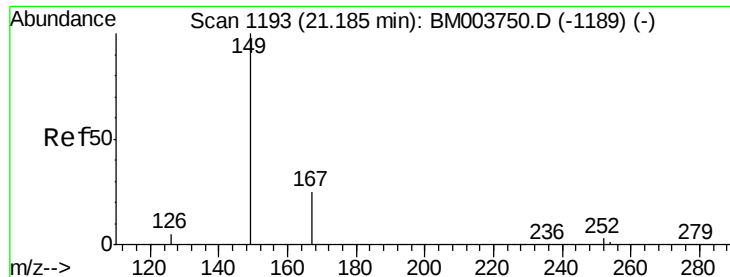
#32
 Chrysene
 Concen: 0.85 ng
 RT: 21.27 min Scan# 1197
 Delta R.T. -0.04 min
 Lab File: BM003756.D
 Acq: 24 Dec 2015 00:24

Tgt Ion:228 Resp: 53873
 Ion Ratio Lower Upper
 228 100
 226 22.6 25.3 37.9#
 229 22.5 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: 0.88 ng

RT: 21.19 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BM003756.D

Acq: 24 Dec 2015 00:24

Instrument :

BNA_M

ClientSampleId :

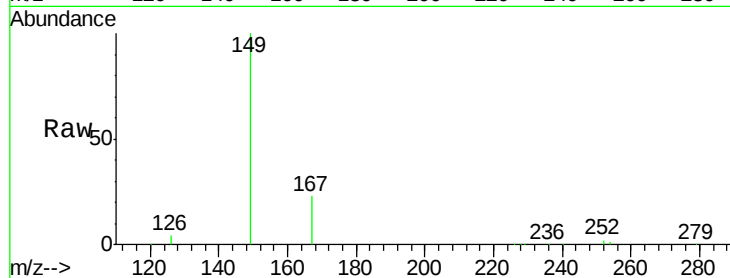
Tot Ion:149 Resp: 32133

Ion Ratio Lower Upper

149 100

167 23.8 20.1 30.1

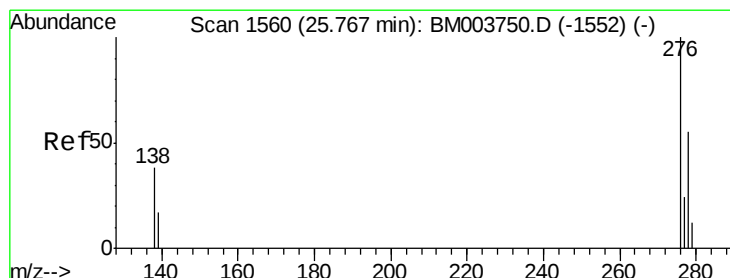
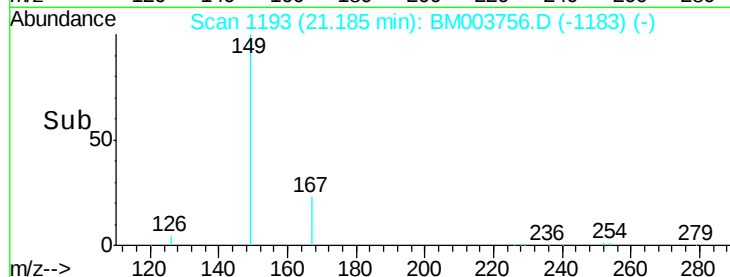
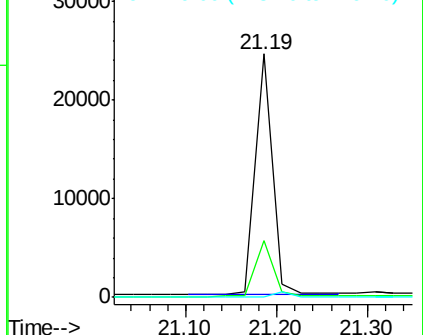
279 0.0 0.0 0.0



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: 0.87 ng

RT: 25.78 min Scan# 1562

Delta R.T. 0.01 min

Lab File: BM003756.D

Acq: 24 Dec 2015 00:24

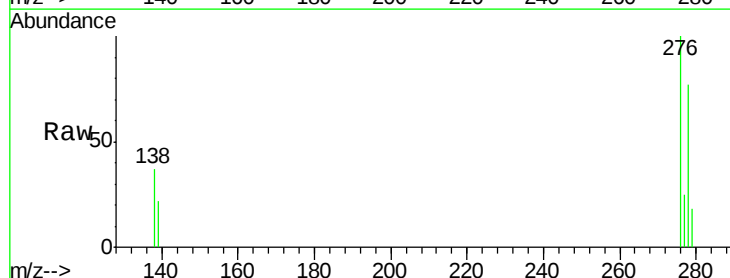
Tgt Ion:276 Resp: 40253

Ion Ratio Lower Upper

276 100

138 37.5 30.2 45.2

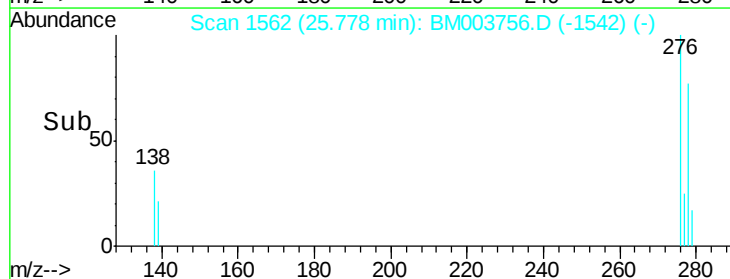
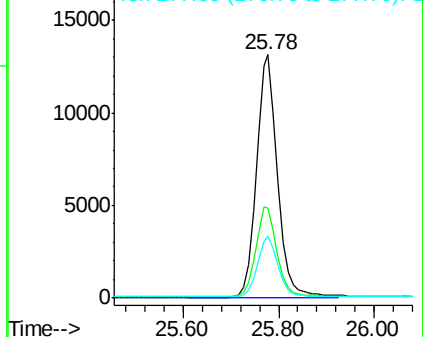
277 24.8 19.8 29.8

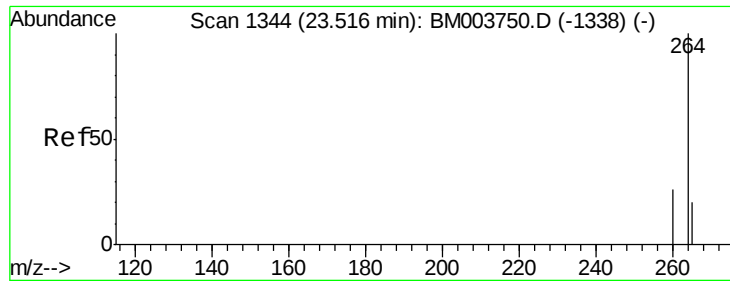


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

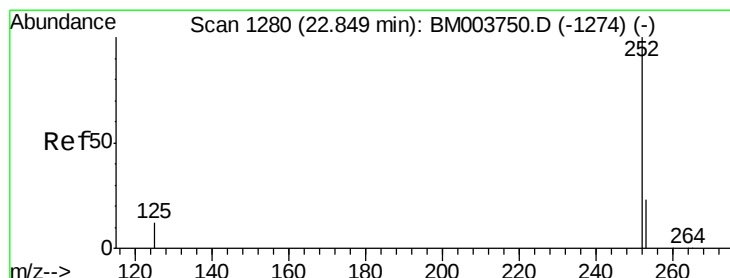
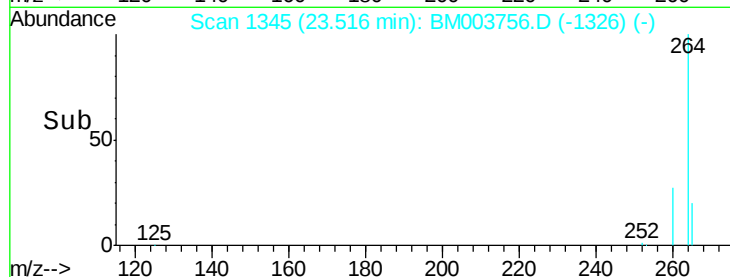
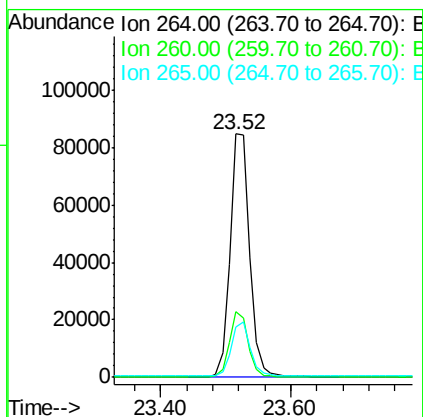
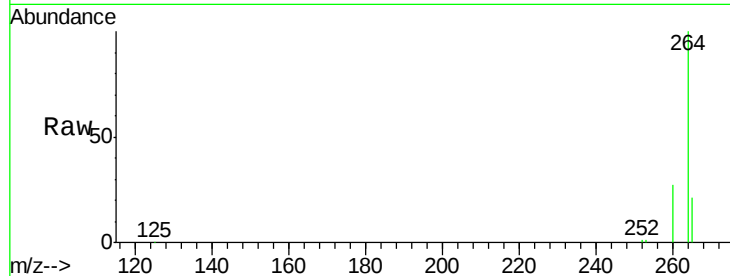




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.52 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: BM003756.D
 Acq: 24 Dec 2015 00:24

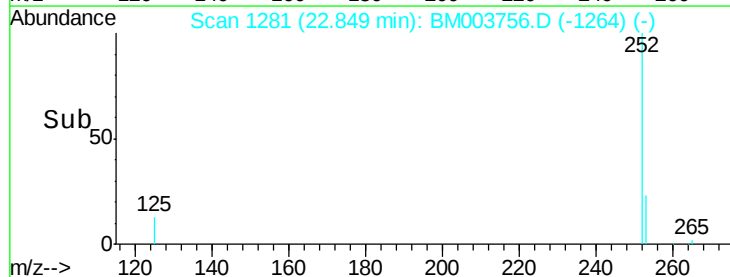
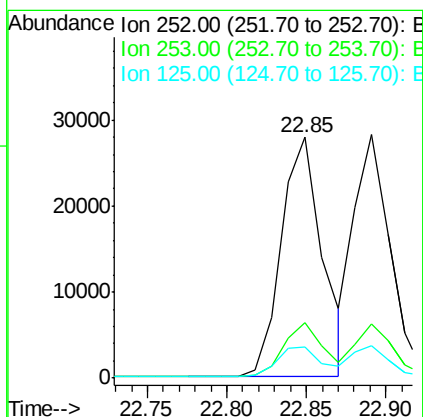
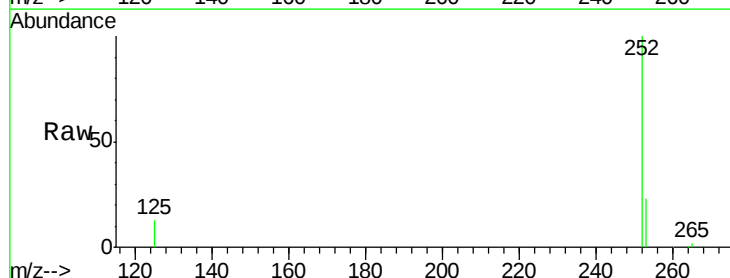
Instrument :
 BNA_M
 ClientSampleId :

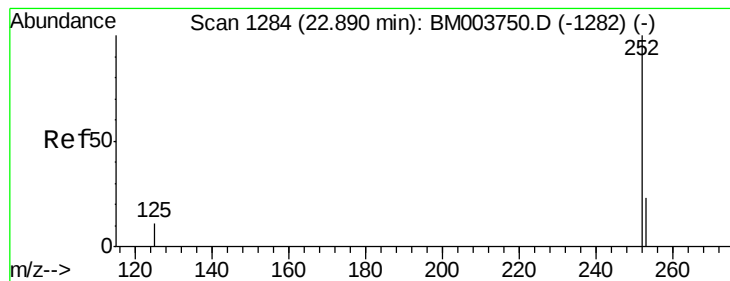
Tot Ion:264 Resp: 175215
 Ion Ratio Lower Upper
 264 100
 260 27.1 21.2 31.8
 265 20.6 16.7 25.1



#36
 Benzo(b)fluoranthene
 Concen: 0.92 ng
 RT: 22.85 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: BM003756.D
 Acq: 24 Dec 2015 00:24

Tgt Ion:252 Resp: 50210
 Ion Ratio Lower Upper
 252 100
 253 23.0 18.8 28.2
 125 13.1 10.2 15.4





#37

Benzo(k)fluoranthene

Concen: 0.90 ng

RT: 22.89 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BM003756.D

Acq: 24 Dec 2015 00:24

Instrument :

BNA_M

ClientSampleId :

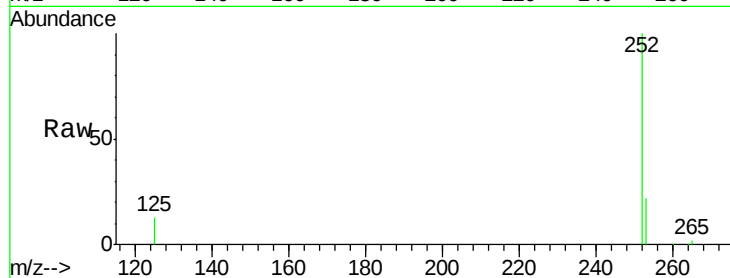
Tot Ion:252 Resp: 45364

Ion Ratio Lower Upper

252 100

253 22.4 18.3 27.5

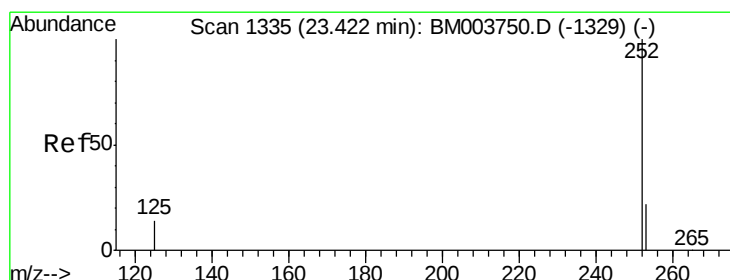
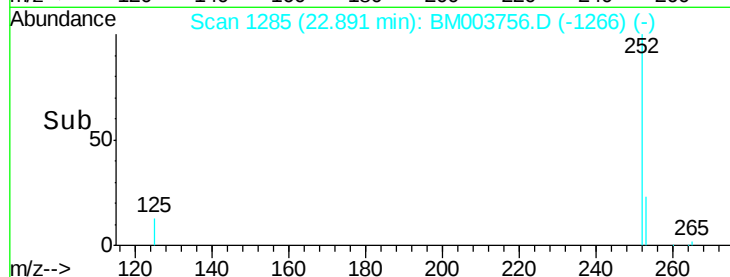
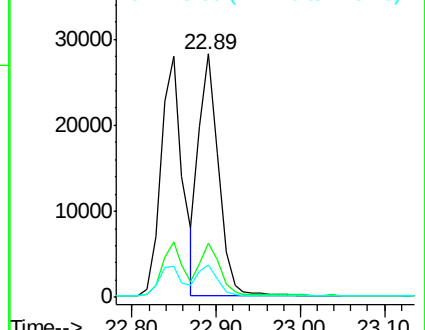
125 13.4 10.6 15.8



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: 0.88 ng

RT: 23.42 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BM003756.D

Acq: 24 Dec 2015 00:24

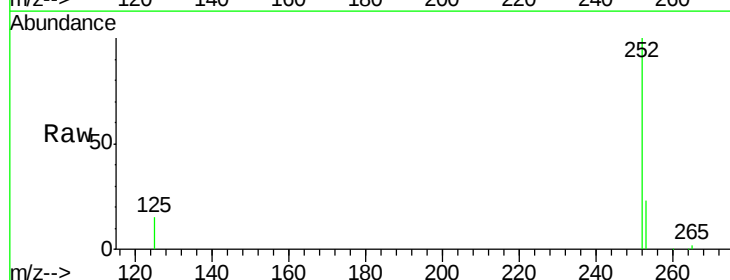
Tgt Ion:252 Resp: 41548

Ion Ratio Lower Upper

252 100

253 23.0 18.7 28.1

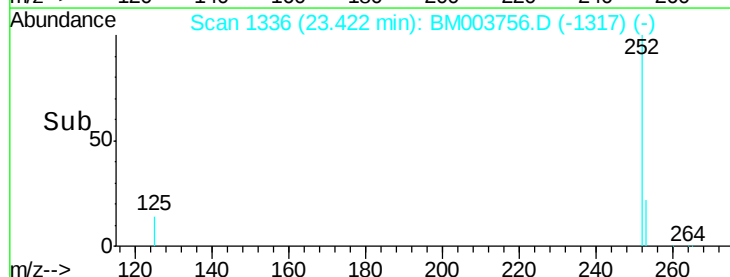
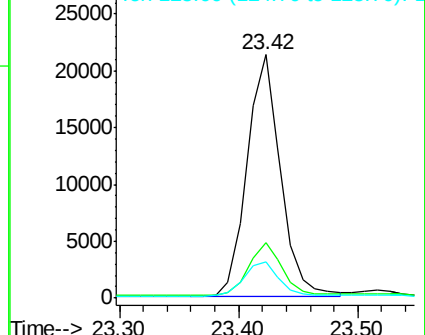
125 14.7 11.8 17.8

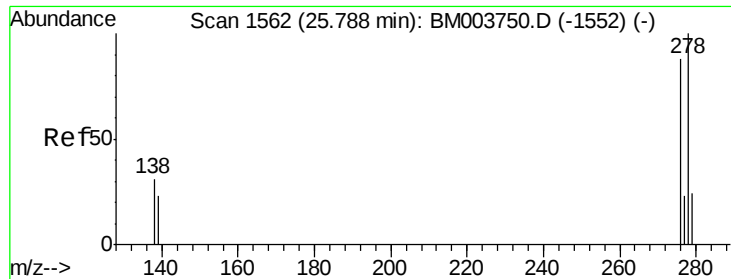


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 0.88 ng

RT: 25.79 min Scan# 1563

Delta R.T. 0.00 min

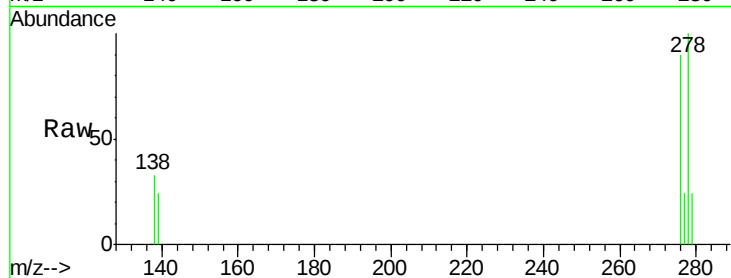
Lab File: BM003756.D

Acq: 24 Dec 2015 00:24

Instrument :

BNA_M

ClientSampleId :



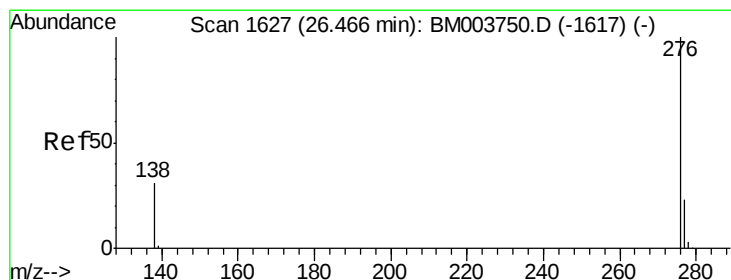
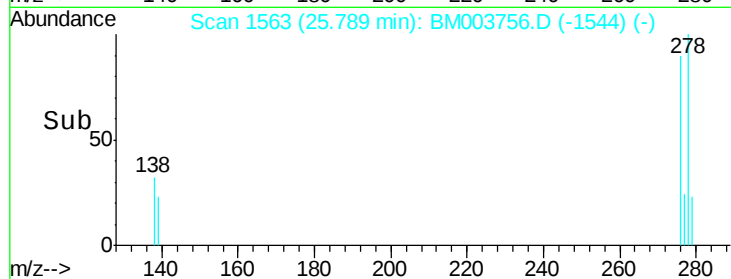
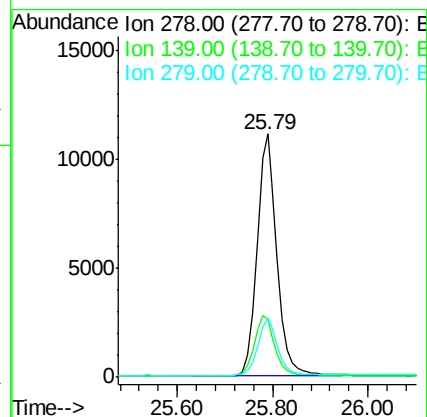
Tot Ion:278 Resp: 32425

Ion Ratio Lower Upper

278 100

139 24.0 19.0 28.6

279 24.2 19.6 29.4



#40

Benzo(g,h,i)perylene

Concen: 0.88 ng

RT: 26.47 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BM003756.D

Acq: 24 Dec 2015 00:24

Tgt Ion:276 Resp: 33785

Ion Ratio Lower Upper

276 100

277 24.3 19.1 28.7

138 32.1 25.0 37.4

