

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122415\
 Data File : BM003768.D
 Acq On : 24 Dec 2015 07:43
 Operator : UM/SJ
 Sample : PB87480BSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB87480BSD

Quant Time: Dec 24 14:57:31 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 10:08:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	36775	5.00	ng	0.00
7) Naphthalene-d8	10.47	136	162962	5.00	ng	0.00
13) Acenaphthene-d10	14.33	164	95525	5.00	ng	0.00
19) Phenanthrene-d10	17.07	188	224871	5.00	ng	0.00
26) Chrysene-d12	21.28	240	221339	5.00	ng	-0.01
35) Perylene-d12	23.53	264	186530	5.00	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	56105	6.46	ng	0.00
5) Phenol-d6	6.87	99	74556	7.01	ng	0.00
8) Nitrobenzene-d5	8.84	82	32992	3.82	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	22705	7.56	ng	-0.02
15) 2-Fluorobiphenyl	12.95	172	116315	3.98	ng	0.00
29) Terphenyl-d14	19.73	244	125663	3.57	ng	0.00

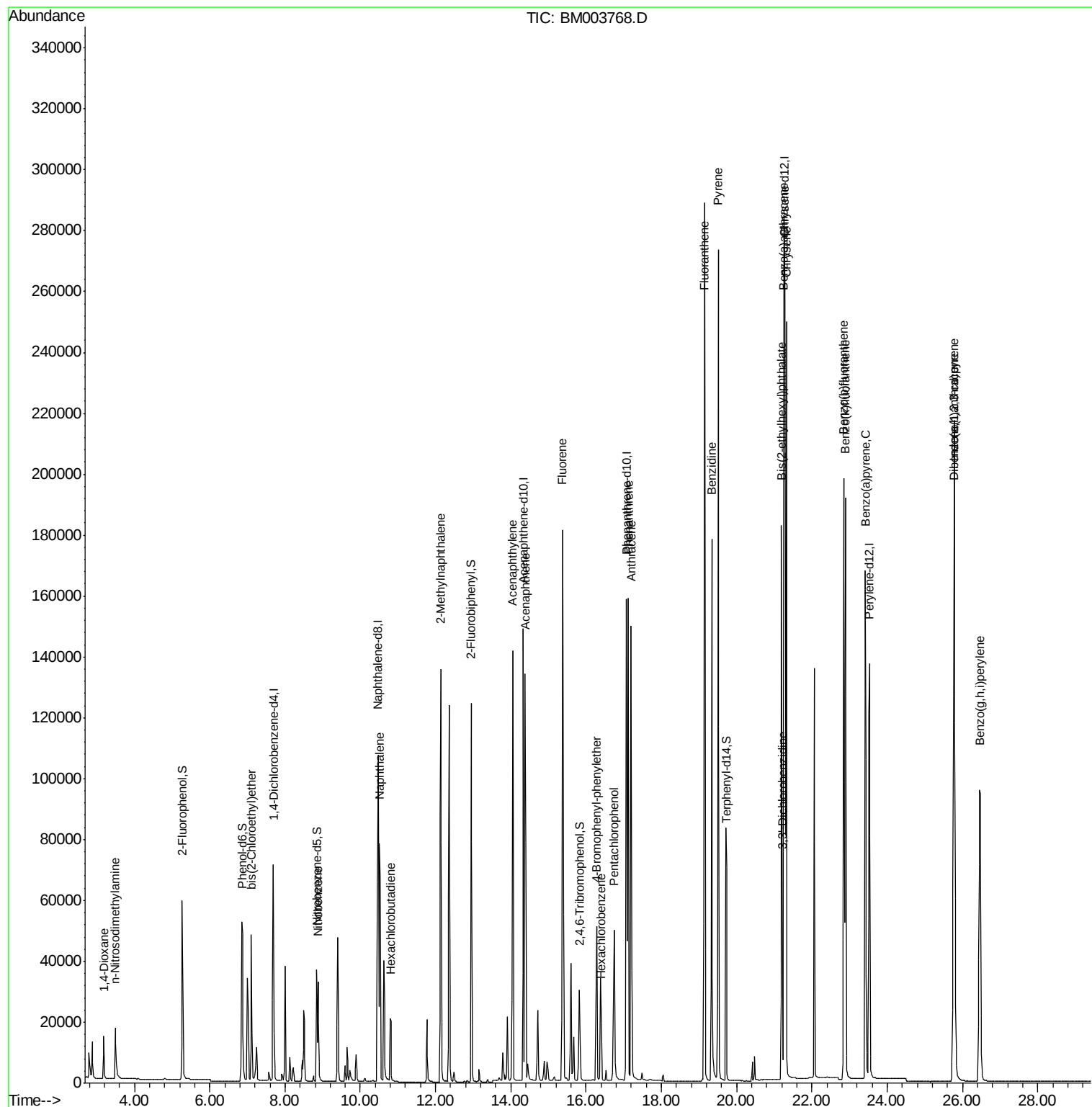
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.18	88	12033	3.57	ng	96
3) n-Nitrosodimethylamine	3.49	42	14011	3.58	ng	97
6) bis(2-Chloroethyl)ether	7.11	93	33672	3.56	ng	99
9) Nitrobenzene	8.88	77	35668	3.64	ng	98
10) Naphthalene	10.51	128	133008	3.57	ng	99
11) Hexachlorobutadiene	10.80	225	19324	3.37	ng	100
12) 2-Methylnaphthalene	12.14	142	98822	3.98	ng	97
16) Acenaphthylene	14.05	152	176382	4.06	ng	99
17) Acenaphthene	14.38	154	108071	3.99	ng	98
18) Fluorene	15.38	166	131742	4.13	ng	96
20) 4-Bromophenyl-phenylether	16.28	248	34324	3.64	ng	# 53
21) Hexachlorobenzene	16.41	284	33384	3.74	ng	# 48
22) Pentachlorophenol	16.74	266	38845	8.10	ng	# 83
23) Phenanthrene	17.12	178	218427	3.74	ng	98
24) Anthracene	17.20	178	214179	3.86	ng	96
25) Fluoranthene	19.15	202	268902	3.75	ng	99
27) Benzdine	19.34	184	216605	7.19	ng	96
28) Pyrene	19.51	202	281173	3.82	ng	99
30) Benzo(a)anthracene	21.26	228	304949	4.60	ng	# 85
31) 3,3'-Dichlorobenzidine	21.22	252	81509	3.68	ng	# 81
32) Chrysene	21.32	228	212008	3.48	ng	91
33) Bis(2-ethylhexyl)phthalate	21.20	149	144595	3.06	ng	# 90
34) Indeno(1,2,3-cd)pyrene	25.77	276	231699	4.95	ng	100
36) Benzo(b)fluoranthene	22.85	252	257756	4.23	ng	98
37) Benzo(k)fluoranthene	22.89	252	230257	4.10	ng	98
38) Benzo(a)pyrene	23.42	252	228595	4.38	ng	97
39) Dibenzo(a,h)anthracene	25.79	278	187079	4.57	ng	98
40) Benzo(g,h,i)perylene	26.46	276	192144	4.49	ng	97

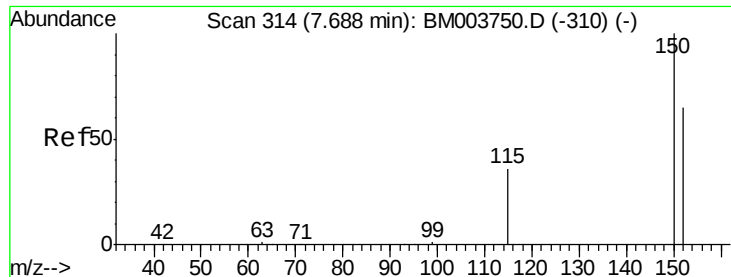
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM003768.D

Acq: 24 Dec 2015 07:43

Instrument :

BNA_M

ClientSampleId :

PB87480BSD

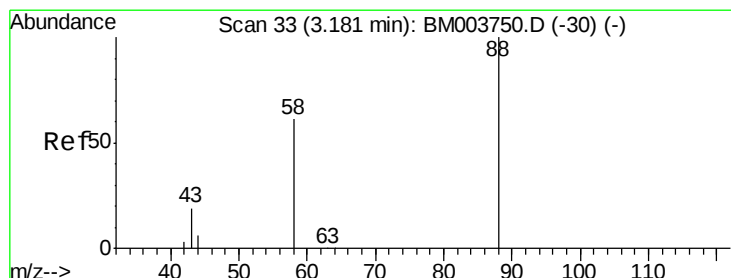
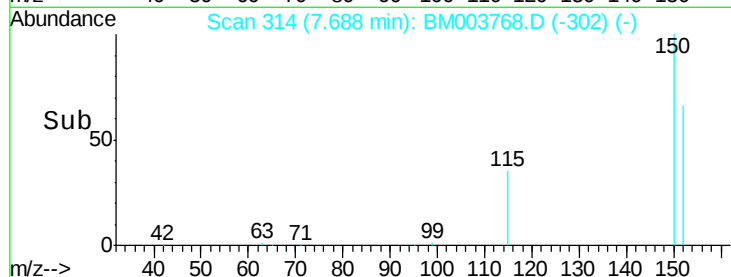
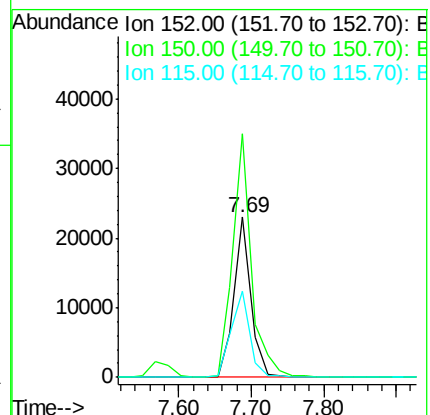
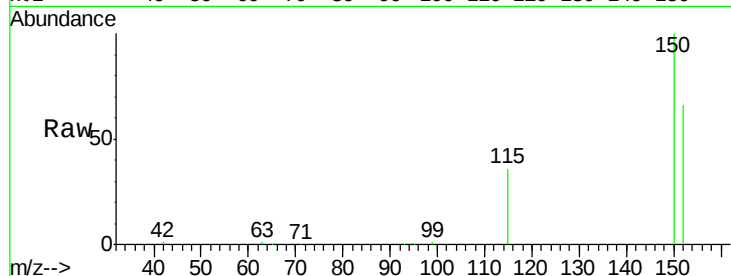
Tot Ion:152 Resp: 36775

Ion Ratio Lower Upper

152 100

150 151.9 122.9 184.3

115 54.1 44.4 66.6



#2

1,4-Dioxane

Concen: 3.57 ng

RT: 3.18 min Scan# 33

Delta R.T. 0.00 min

Lab File: BM003768.D

Acq: 24 Dec 2015 07:43

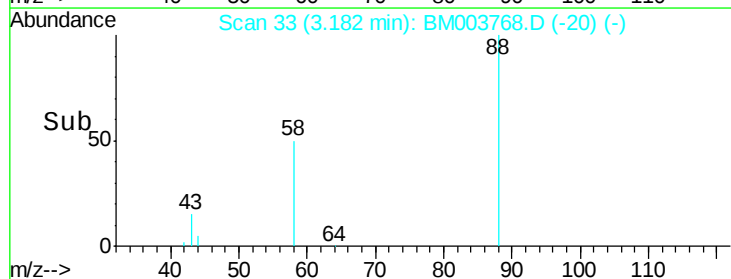
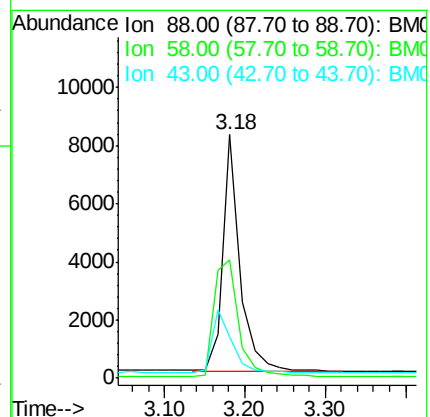
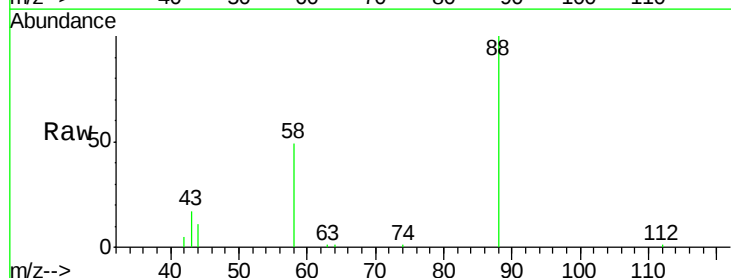
Tgt Ion: 88 Resp: 12033

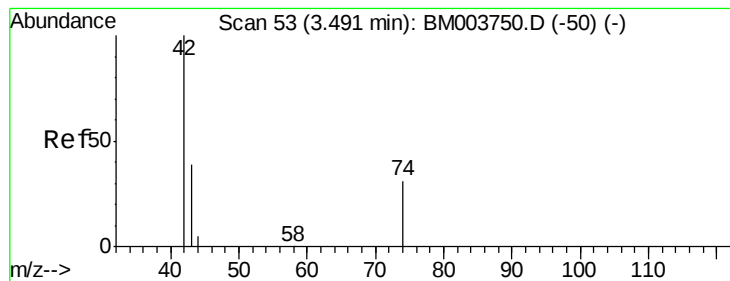
Ion Ratio Lower Upper

88 100

58 71.0 53.8 80.6

43 30.7 23.8 35.6





#3

n-Nitrosodimethylamine

Concen: 3.58 ng

RT: 3.49 min Scan# 53

Delta R.T. 0.00 min

Lab File: BM003768.D

Acq: 24 Dec 2015 07:43

Instrument :

BNA_M

ClientSampleId :

PB87480BSD

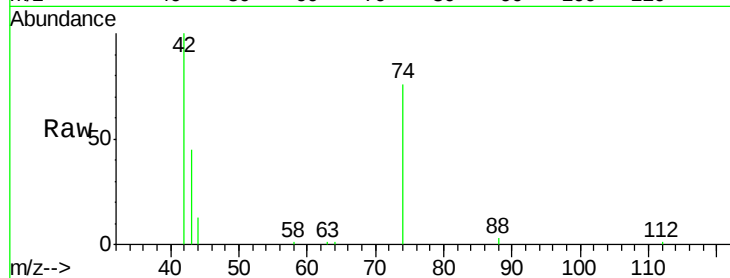
Tot Ion: 42 Resp: 14011

Ion Ratio Lower Upper

42 100

74 122.4 95.0 142.4

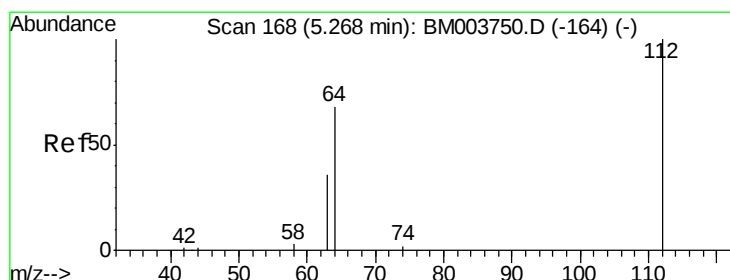
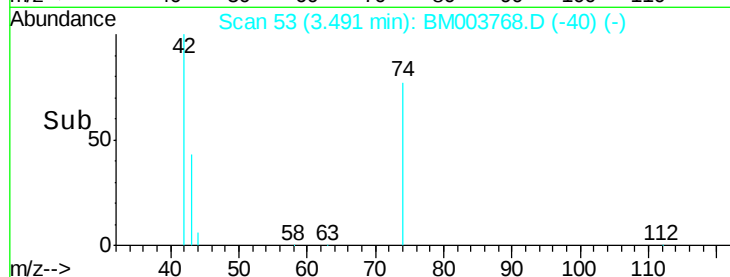
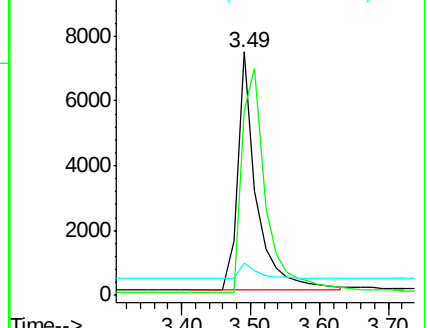
44 6.9 5.1 7.7



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: 6.46 ng

RT: 5.27 min Scan# 168

Delta R.T. 0.00 min

Lab File: BM003768.D

Acq: 24 Dec 2015 07:43

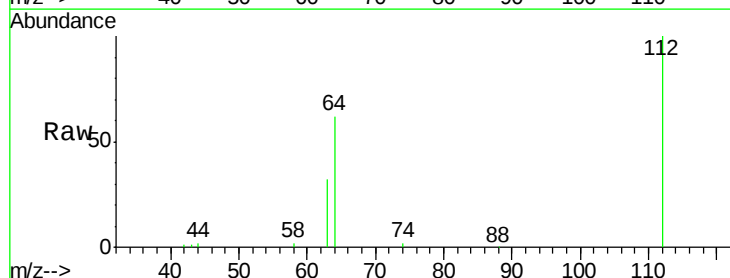
Tgt Ion: 112 Resp: 56105

Ion Ratio Lower Upper

112 100

64 52.3 41.8 62.8

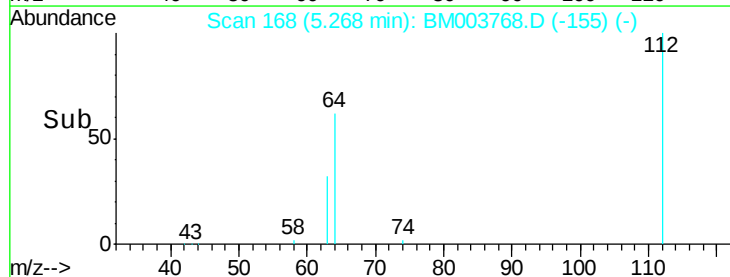
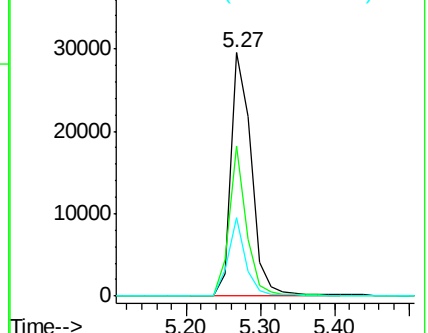
63 27.5 22.1 33.1

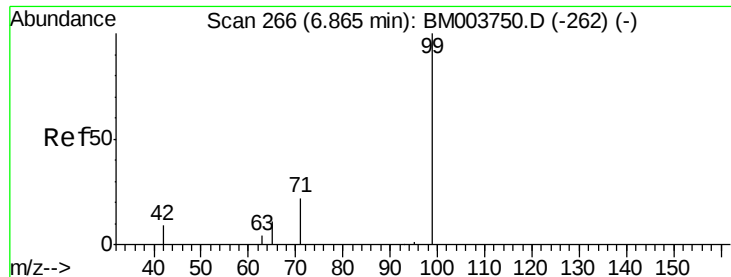


Abundance Ion 112.00 (111.70 to 112.70): BM003750.D (-164) (-)

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: 7.01 ng

RT: 6.87 min Scan# 266

Delta R.T. 0.00 min

Lab File: BM003768.D

Acq: 24 Dec 2015 07:43

Instrument :

BNA_M

ClientSampleId :

PB87480BSD

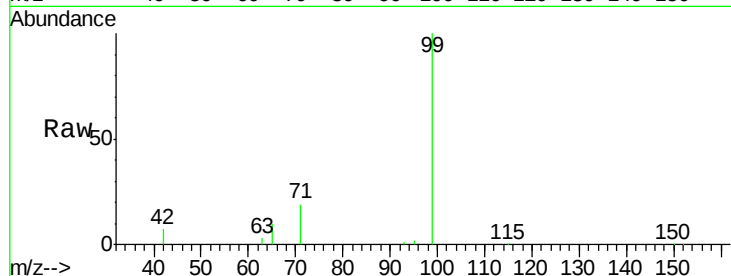
Tot Ion: 99 Resp: 74556

Ion Ratio Lower Upper

99 100

42 19.1 16.2 24.2

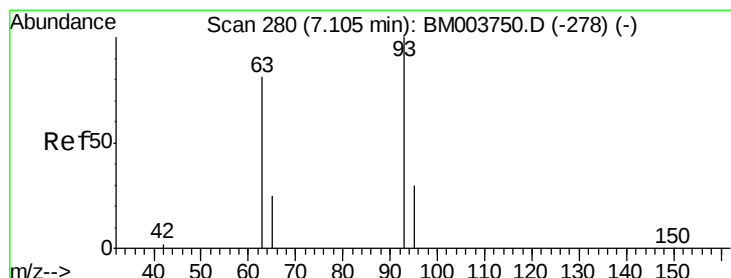
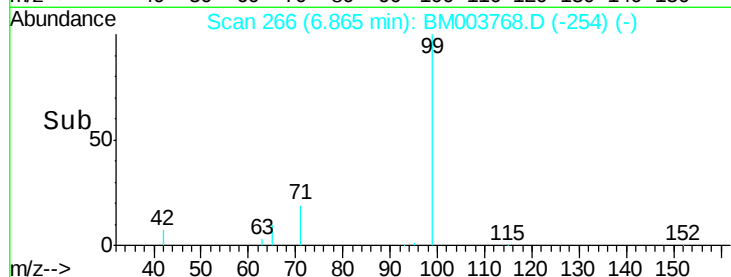
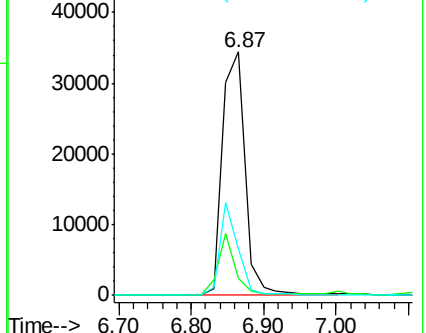
71 30.6 24.4 36.6



Abundance Ion 99.00 (98.70 to 99.70): BM003768.D (-268) (-)

Ion 42.00 (41.70 to 42.70): BM003768.D (-268) (-)

Ion 71.00 (70.70 to 71.70): BM003768.D (-268) (-)



#6

bis(2-Chloroethyl)ether

Concen: 3.56 ng

RT: 7.11 min Scan# 280

Delta R.T. 0.00 min

Lab File: BM003768.D

Acq: 24 Dec 2015 07:43

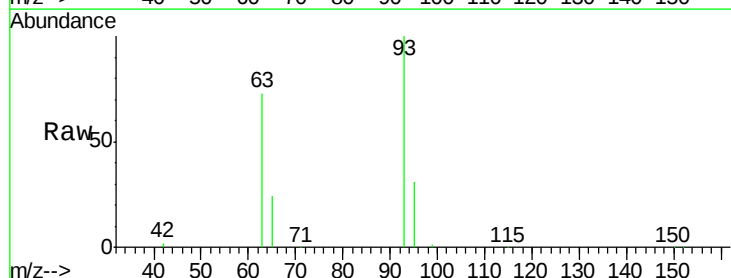
Tgt Ion: 93 Resp: 33672

Ion Ratio Lower Upper

93 100

63 73.4 58.3 87.5

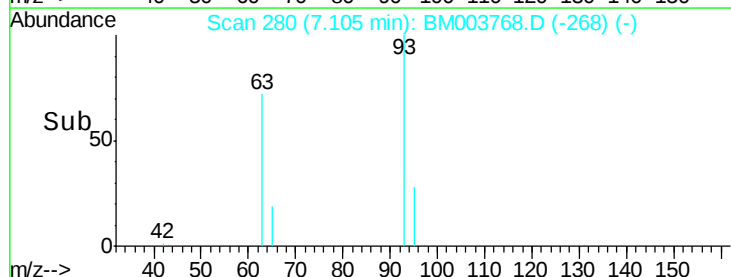
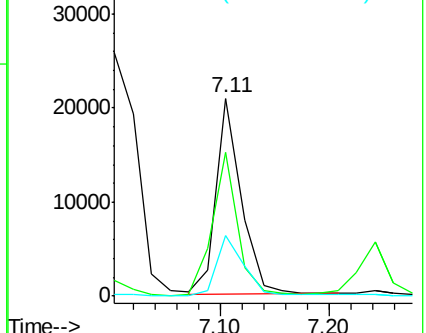
95 32.9 25.8 38.8

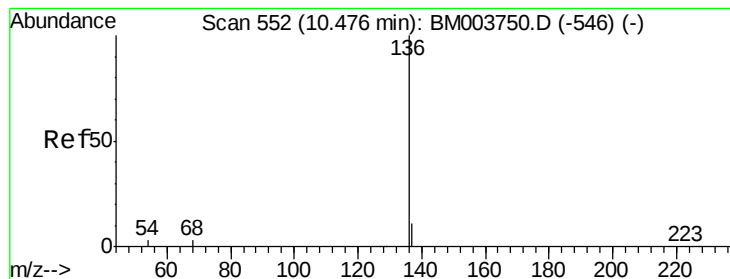


Abundance Ion 93.00 (92.70 to 93.70): BM003768.D (-268) (-)

Ion 63.00 (62.70 to 63.70): BM003768.D (-268) (-)

Ion 95.00 (94.70 to 95.70): BM003768.D (-268) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.47 min Scan# 551

Delta R.T. -0.00 min

Lab File: BM003768.D

Acq: 24 Dec 2015 07:43

Instrument :

BNA_M

ClientSampleId :

PB87480BSD

Tot Ion:136 Resp: 162962

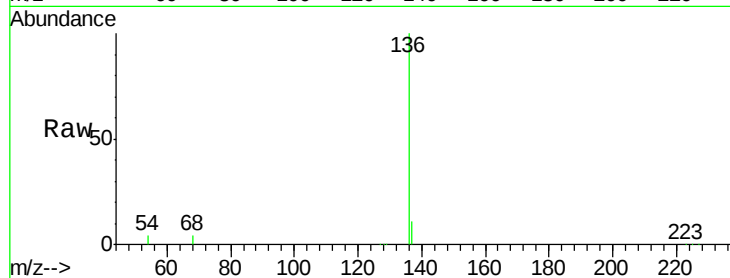
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 4.1 2.8 4.2

68 3.6 2.5 3.7

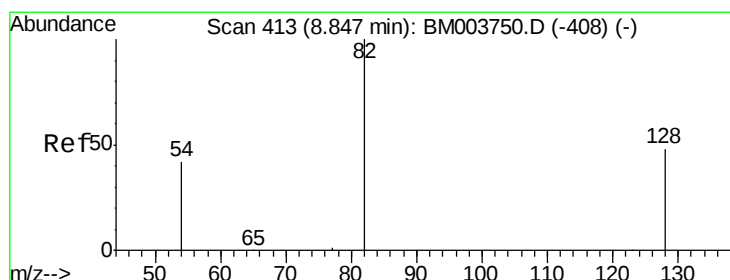
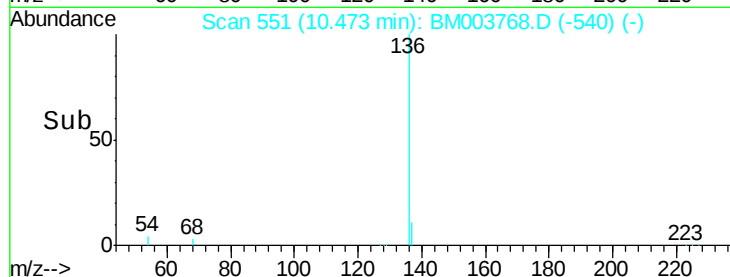
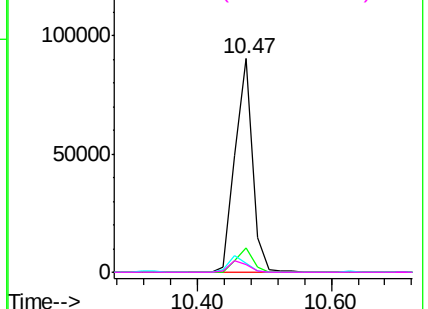


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.82 ng

RT: 8.84 min Scan# 412

Delta R.T. -0.00 min

Lab File: BM003768.D

Acq: 24 Dec 2015 07:43

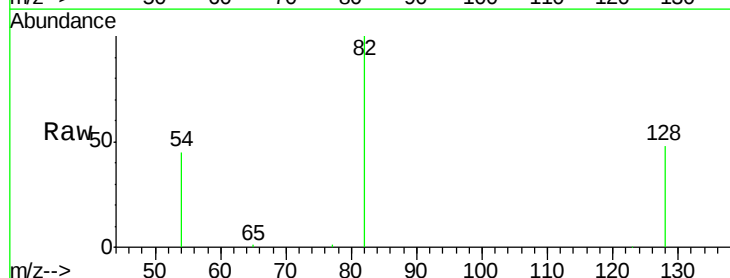
Tgt Ion: 82 Resp: 32992

Ion Ratio Lower Upper

82 100

128 47.5 39.1 58.7

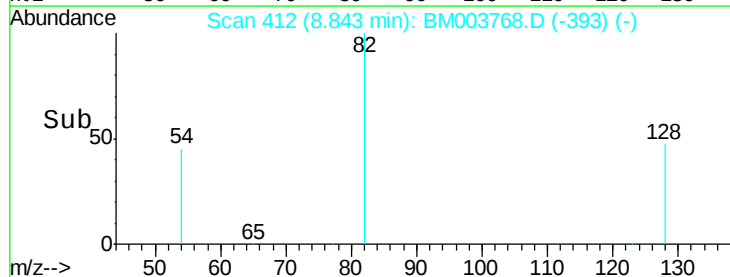
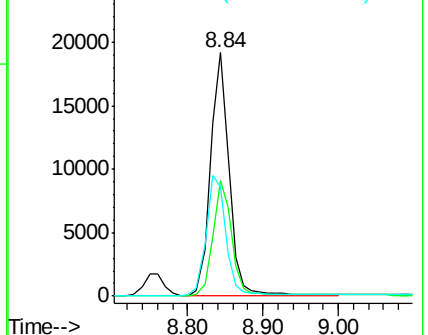
54 44.9 34.8 52.2

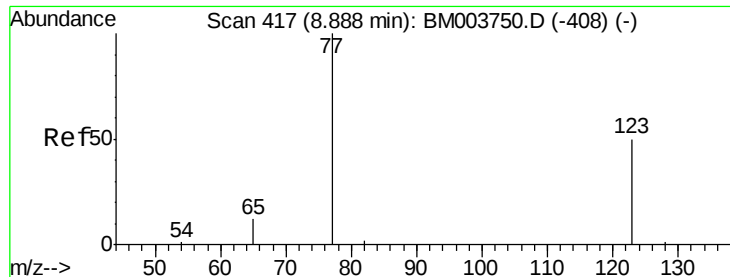


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 3.64 ng

RT: 8.88 min Scan# 416

Delta R.T. -0.00 min

Lab File: BM003768.D

Acq: 24 Dec 2015 07:43

Instrument :

BNA_M

ClientSampleId :

PB87480BSD

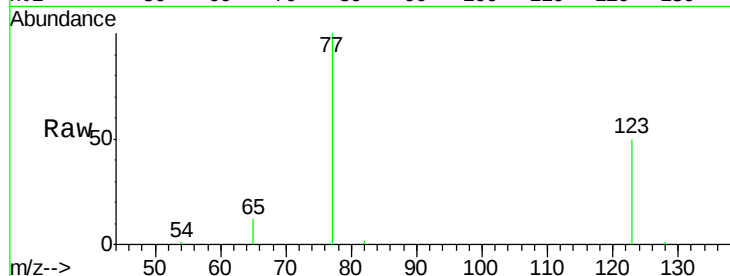
Tot Ion: 77 Resp: 35668

Ion Ratio Lower Upper

77 100

123 49.5 38.6 57.8

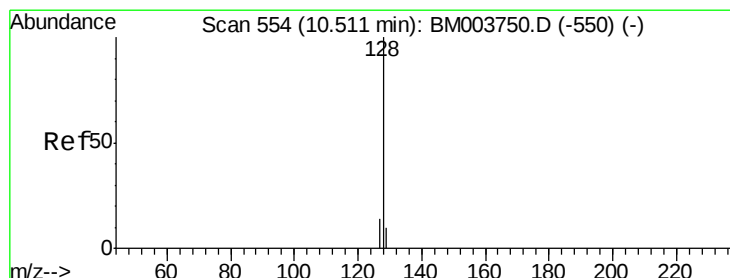
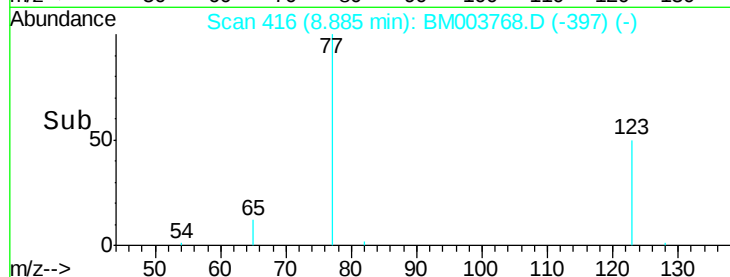
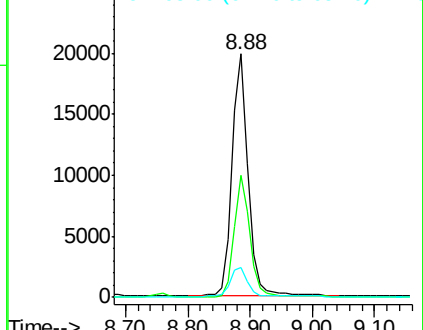
65 12.8 9.9 14.9



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) (-)



#10

Naphthalene

Concen: 3.57 ng

RT: 10.51 min Scan# 553

Delta R.T. -0.00 min

Lab File: BM003768.D

Acq: 24 Dec 2015 07:43

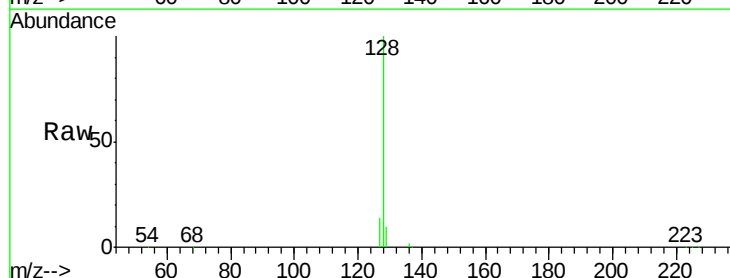
Tgt Ion: 128 Resp: 133008

Ion Ratio Lower Upper

128 100

129 10.1 8.5 12.7

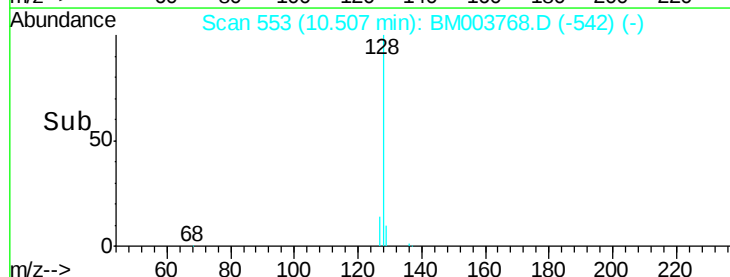
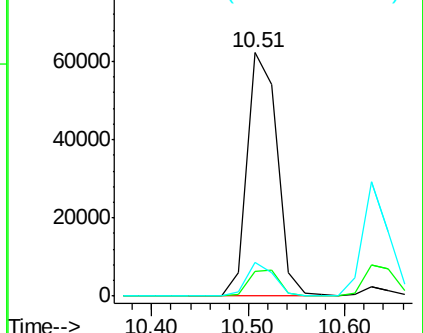
127 14.0 11.0 16.4

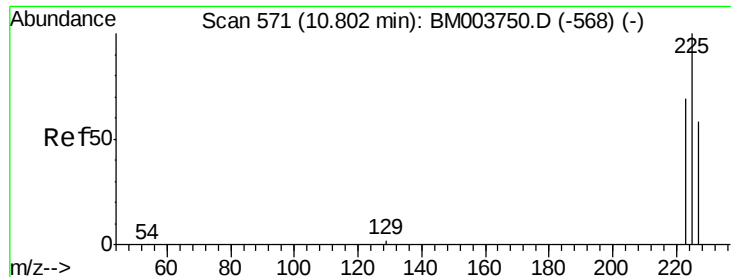


Abundance Ion 128.00 (127.70 to 128.70): BM003750.D (-550) (-)

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

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

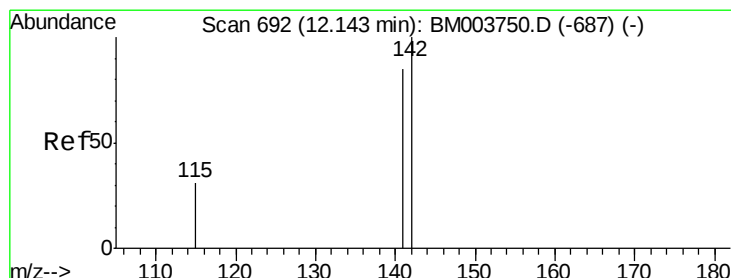
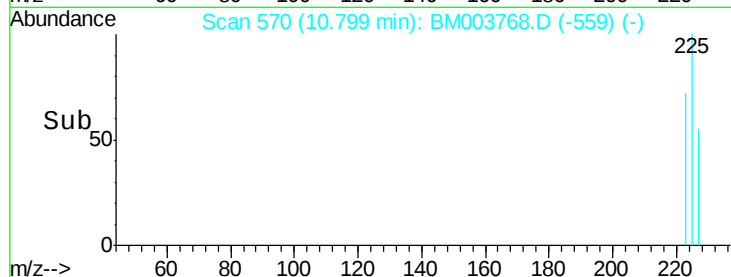
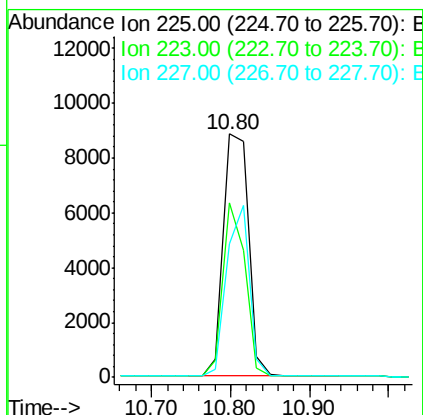
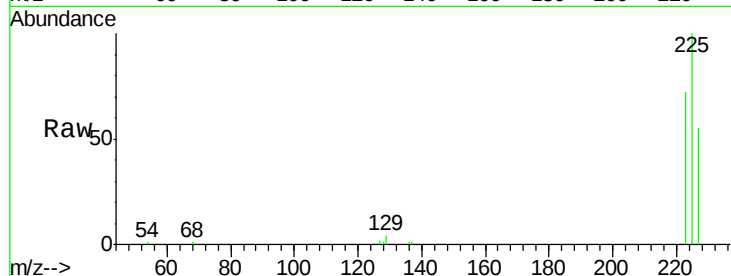




#11
Hexachlorobutadiene
Concen: 3.37 ng
RT: 10.80 min Scan# 570
Delta R.T. -0.00 min
Lab File: BM003768.D
Acq: 24 Dec 2015 07:43

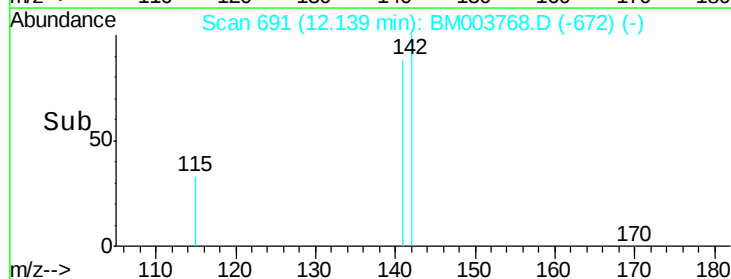
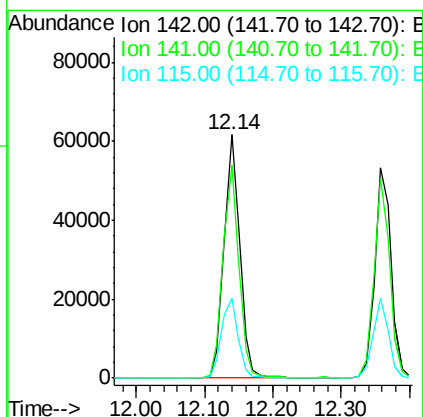
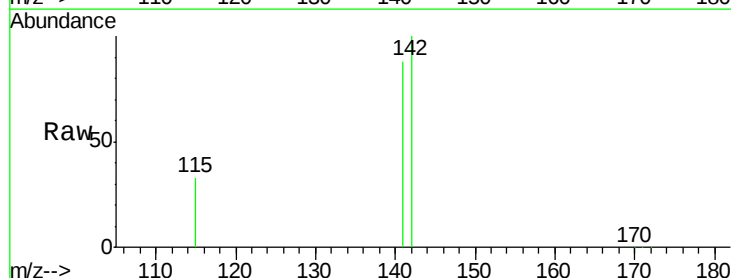
Instrument :
BNA_M
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PB87480BSD

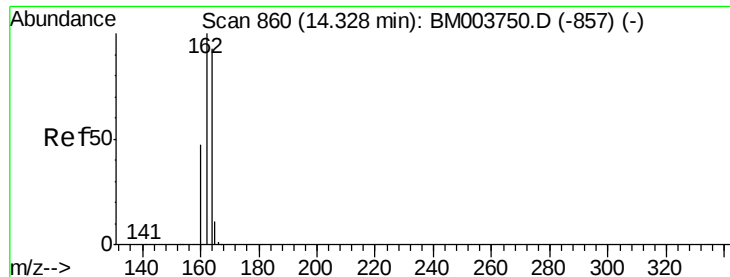
Tot Ion:225 Resp: 19324
Ion Ratio Lower Upper
225 100
223 63.1 50.9 76.3
227 64.0 51.2 76.8



#12
2-Methylnaphthalene
Concen: 3.98 ng
RT: 12.14 min Scan# 691
Delta R.T. -0.00 min
Lab File: BM003768.D
Acq: 24 Dec 2015 07:43

Tgt Ion:142 Resp: 98822
Ion Ratio Lower Upper
142 100
141 87.5 67.8 101.8
115 33.0 25.3 37.9





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.33 min Scan# 860

Delta R.T. 0.01 min

Lab File: BM003768.D

Acq: 24 Dec 2015 07:43

Instrument :

BNA_M

ClientSampleId :

PB87480BSD

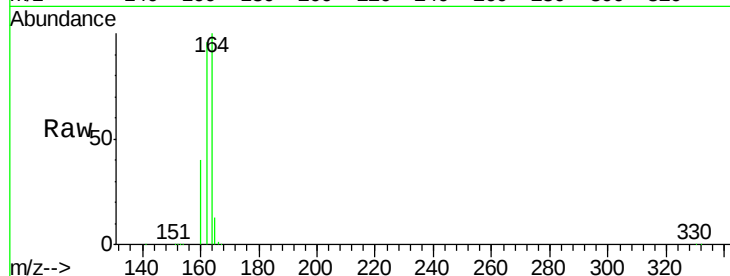
Tot Ion:164 Resp: 95525

Ion Ratio Lower Upper

164 100

162 95.8 86.0 129.0

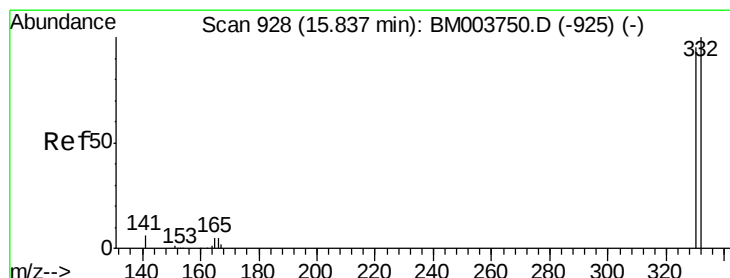
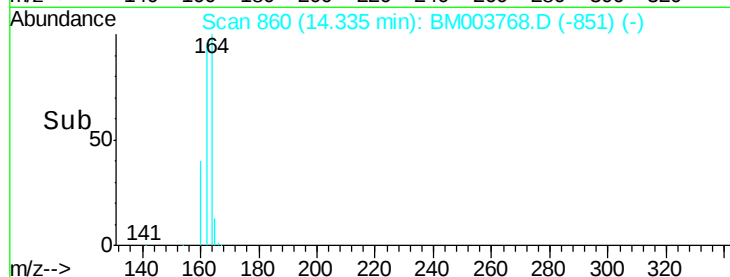
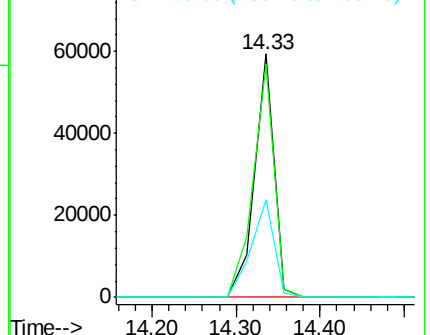
160 40.2 40.3 60.5#



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: 7.56 ng

RT: 15.82 min Scan# 927

Delta R.T. -0.02 min

Lab File: BM003768.D

Acq: 24 Dec 2015 07:43

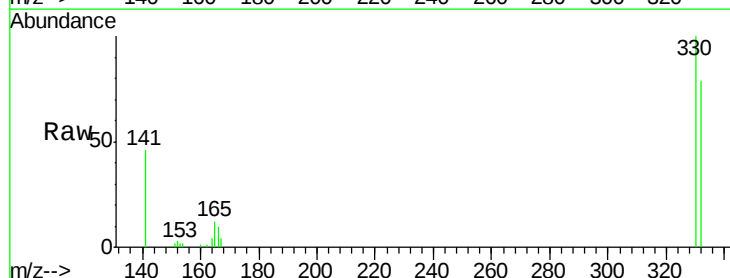
Tgt Ion:330 Resp: 22705

Ion Ratio Lower Upper

330 100

332 92.3 79.0 118.4

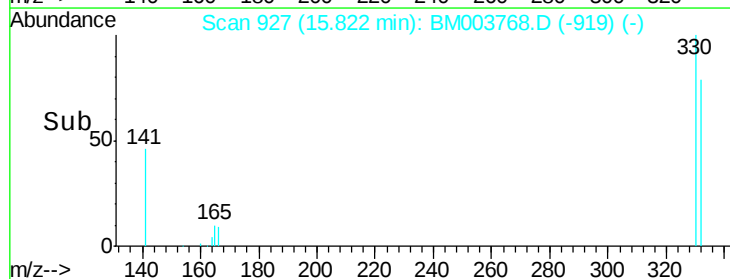
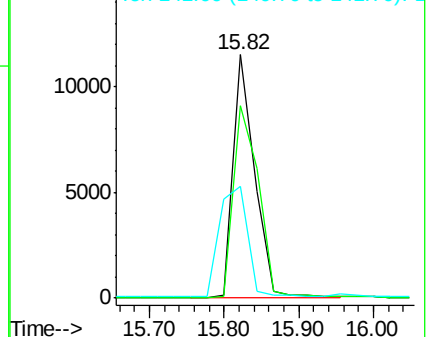
141 60.2 0.0 0.0#

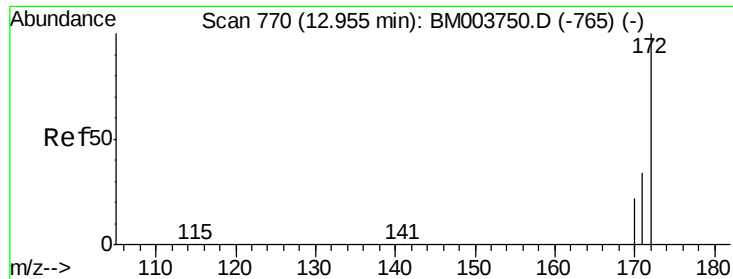


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

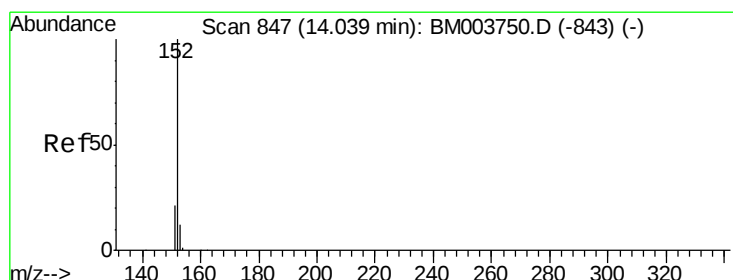
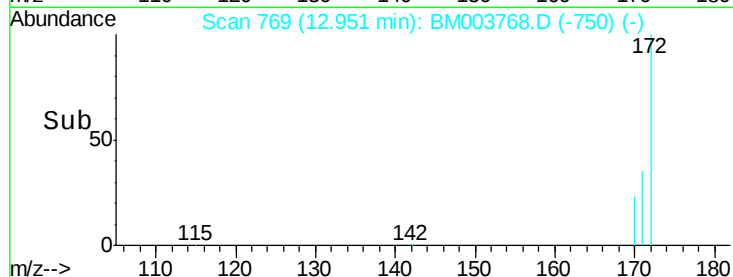
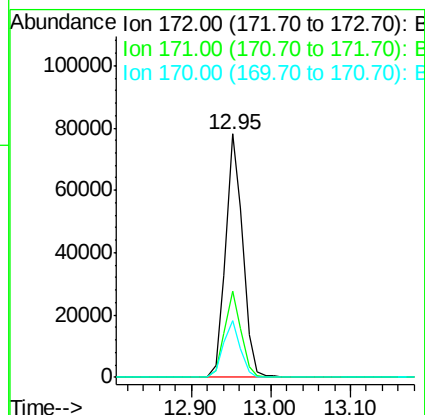
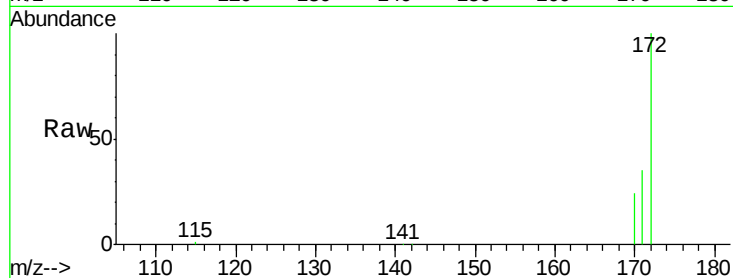




#15
2-Fluorobiphenyl
Concen: 3.98 ng
RT: 12.95 min Scan# 769
Delta R.T. -0.00 min
Lab File: BM003768.D
Acq: 24 Dec 2015 07:43

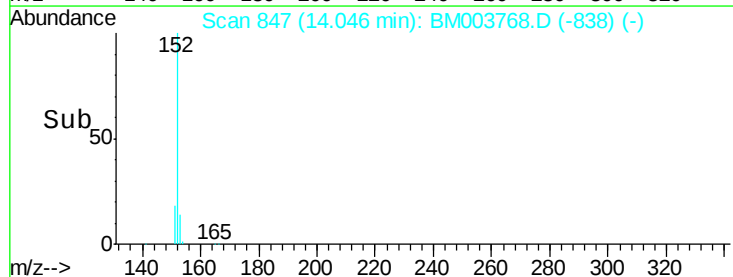
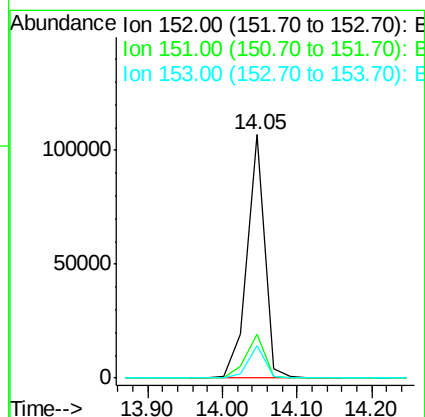
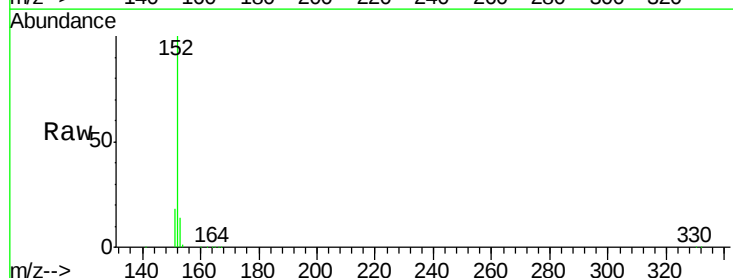
Instrument :
BNA_M
ClientSampleId :
PB87480BSD

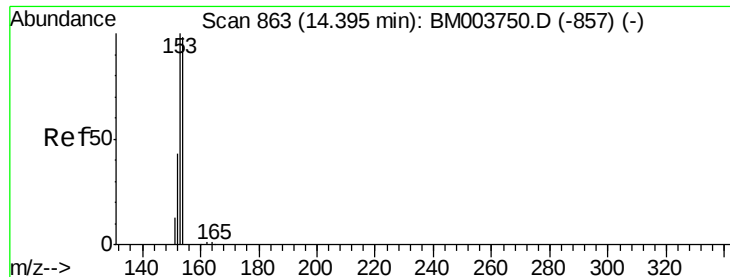
Tot Ion:172 Resp: 116315
Ion Ratio Lower Upper
172 100
171 35.2 27.0 40.6
170 23.5 17.9 26.9



#16
Acenaphthylene
Concen: 4.06 ng
RT: 14.05 min Scan# 847
Delta R.T. 0.01 min
Lab File: BM003768.D
Acq: 24 Dec 2015 07:43

Tgt Ion:152 Resp: 176382
Ion Ratio Lower Upper
152 100
151 19.0 15.8 23.8
153 13.1 10.2 15.4

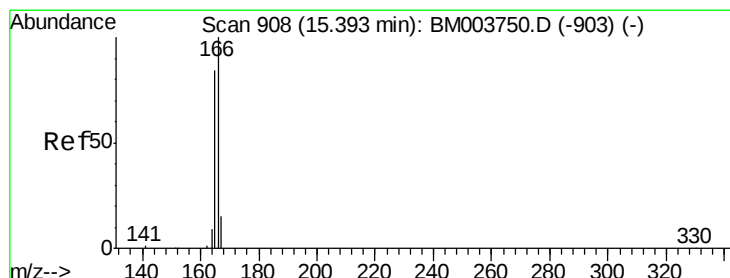
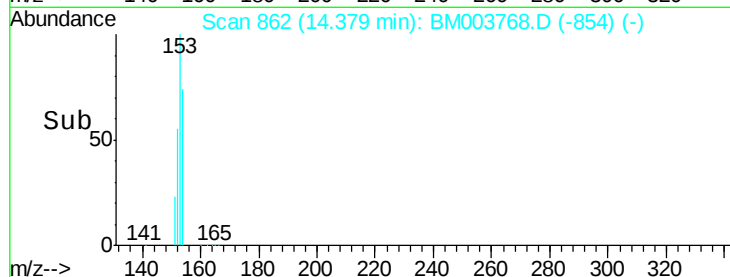
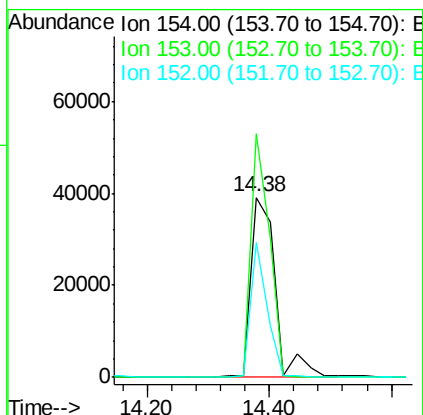
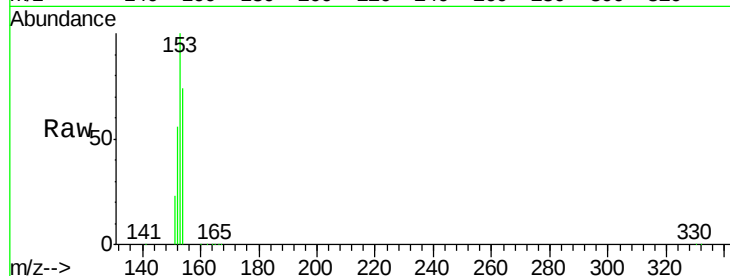




#17
Acenaphthene
Concen: 3.99 ng
RT: 14.38 min Scan# 862
Delta R.T. -0.01 min
Lab File: BM003768.D
Acq: 24 Dec 2015 07:43

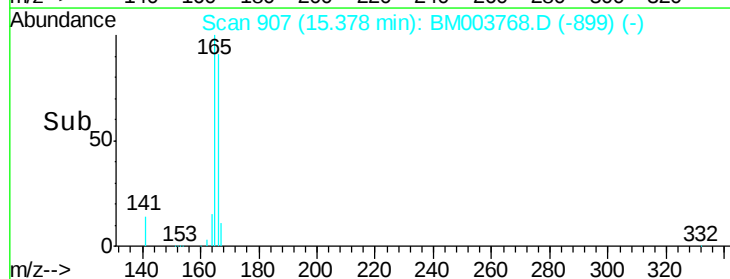
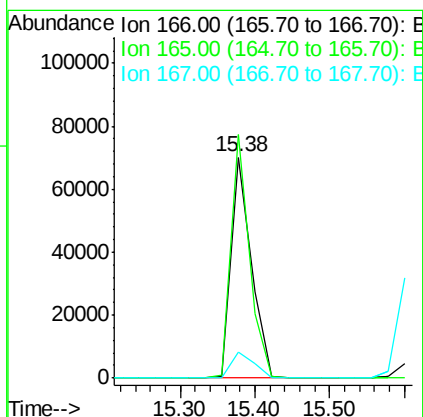
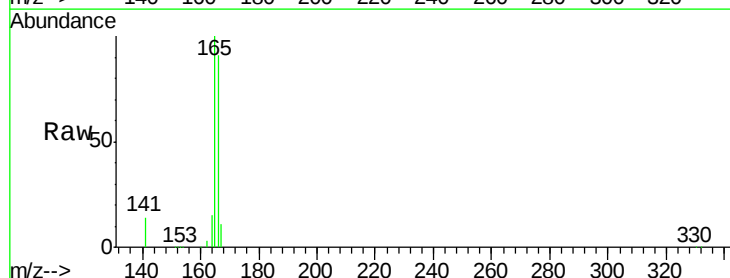
Instrument :
BNA_M
ClientSampleId :
PB87480BSD

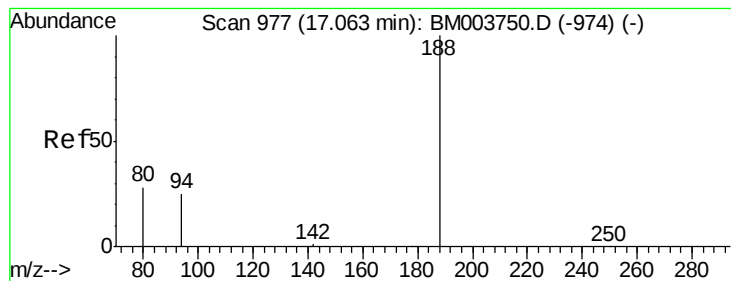
Tot Ion:154 Resp: 108071
Ion Ratio Lower Upper
154 100
153 103.3 85.4 128.2
152 50.7 40.6 60.8



#18
Fluorene
Concen: 4.13 ng
RT: 15.38 min Scan# 907
Delta R.T. -0.02 min
Lab File: BM003768.D
Acq: 24 Dec 2015 07:43

Tgt Ion:166 Resp: 131742
Ion Ratio Lower Upper
166 100
165 100.6 77.2 115.8
167 13.1 11.0 16.6





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.07 min Scan# 977

Delta R.T. 0.01 min

Lab File: BM003768.D

Acq: 24 Dec 2015 07:43

Instrument :

BNA_M

ClientSampleId :

PB87480BSD

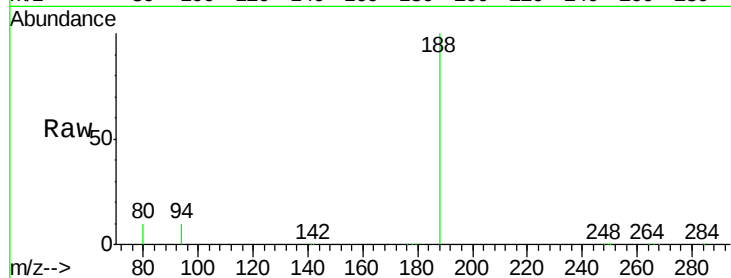
Tot Ion:188 Resp: 224871

Ion Ratio Lower Upper

188 100

94 10.1 20.3 30.5#

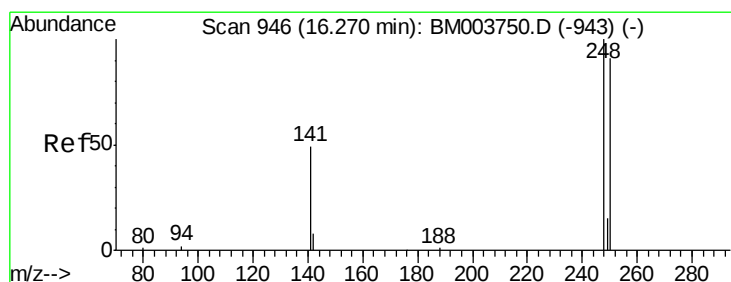
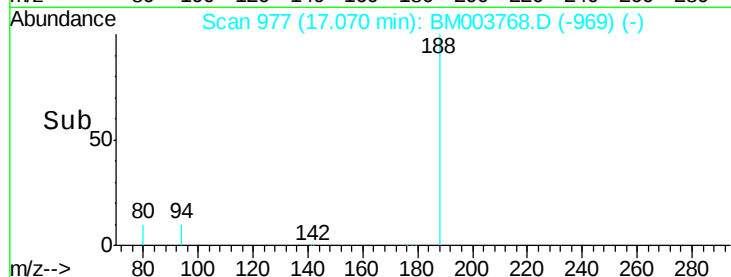
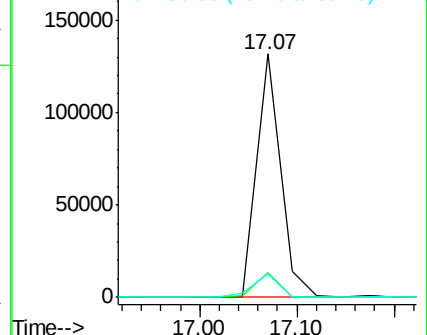
80 9.7 22.2 33.4#



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: 3.64 ng

RT: 16.28 min Scan# 946

Delta R.T. 0.01 min

Lab File: BM003768.D

Acq: 24 Dec 2015 07:43

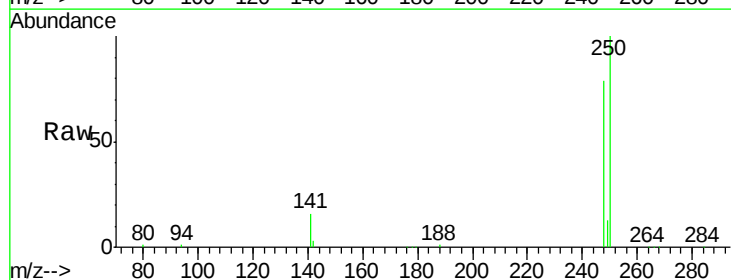
Tgt Ion:248 Resp: 34324

Ion Ratio Lower Upper

248 100

250 114.8 75.0 112.4#

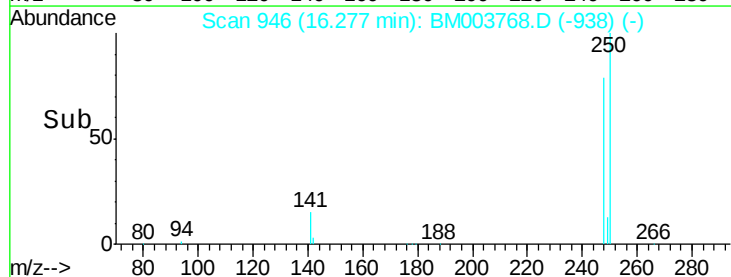
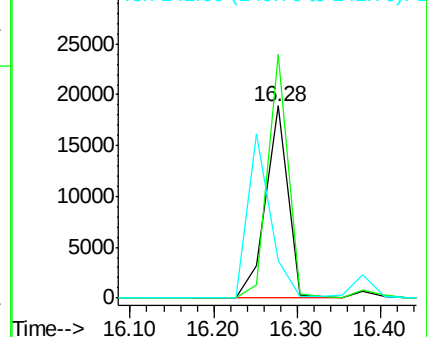
141 0.0 53.0 79.4#

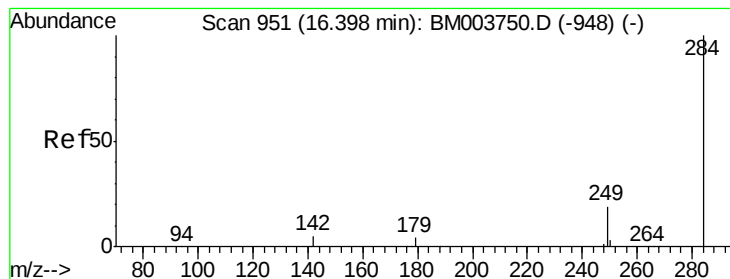


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 3.74 ng

RT: 16.41 min Scan# 951

Delta R.T. 0.01 min

Lab File: BM003768.D

Acq: 24 Dec 2015 07:43

Instrument :

BNA_M

ClientSampleId :

PB87480BSD

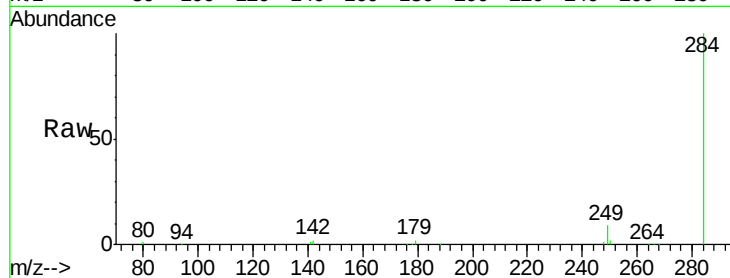
Tot Ion:284 Resp: 33384

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

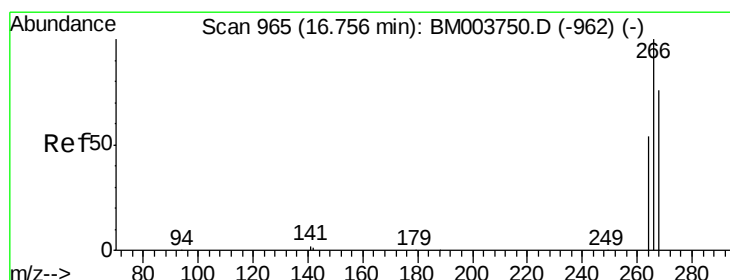
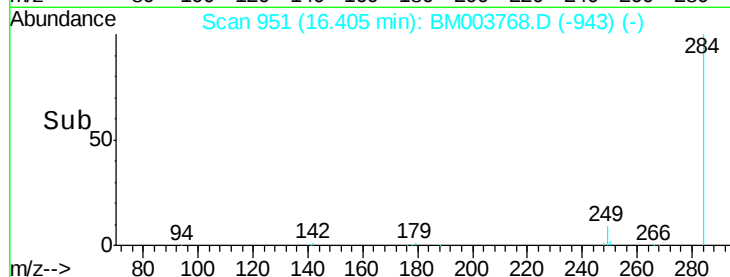
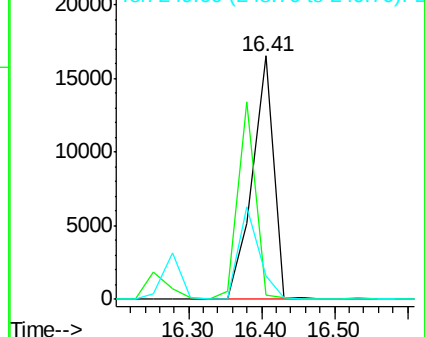
249 0.0 21.5 32.3#



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: 8.10 ng

RT: 16.74 min Scan# 964

Delta R.T. -0.02 min

Lab File: BM003768.D

Acq: 24 Dec 2015 07:43

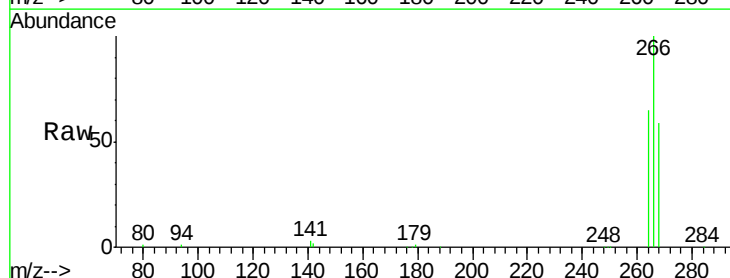
Tgt Ion:266 Resp: 38845

Ion Ratio Lower Upper

266 100

268 59.4 62.7 94.1#

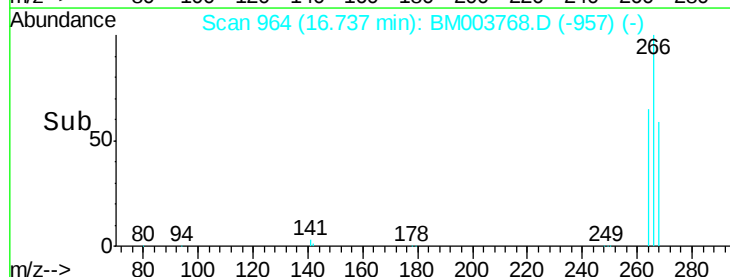
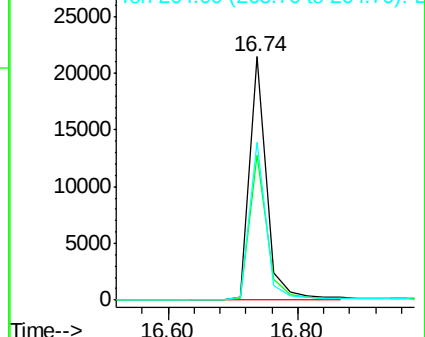
264 65.1 45.7 68.5

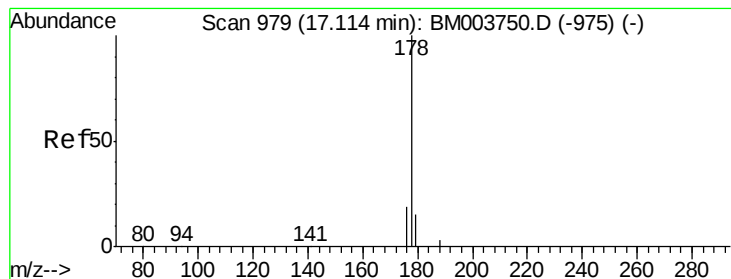


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: 3.74 ng

RT: 17.12 min Scan# 979

Delta R.T. 0.01 min

Lab File: BM003768.D

Acq: 24 Dec 2015 07:43

Instrument :

BNA_M

ClientSampleId :

PB87480BSD

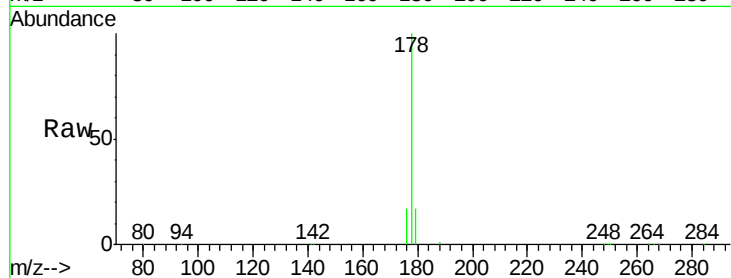
Tot Ion:178 Resp: 218427

Ion Ratio Lower Upper

178 100

176 18.3 15.4 23.0

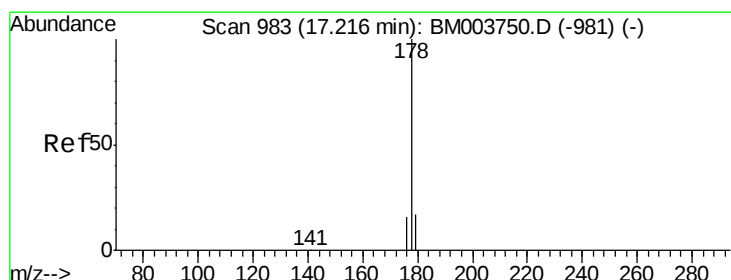
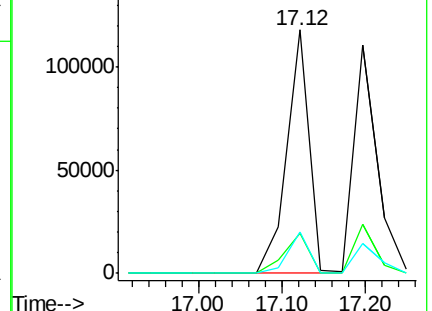
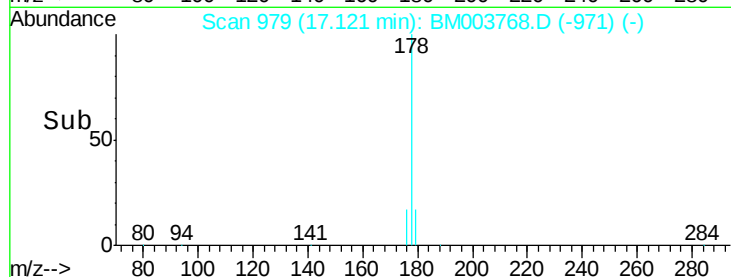
179 16.2 12.2 18.4



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: 3.86 ng

RT: 17.20 min Scan# 982

Delta R.T. -0.02 min

Lab File: BM003768.D

Acq: 24 Dec 2015 07:43

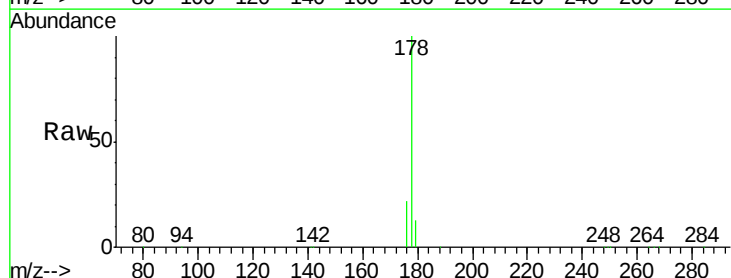
Tgt Ion:178 Resp: 214179

Ion Ratio Lower Upper

178 100

176 20.0 14.6 21.8

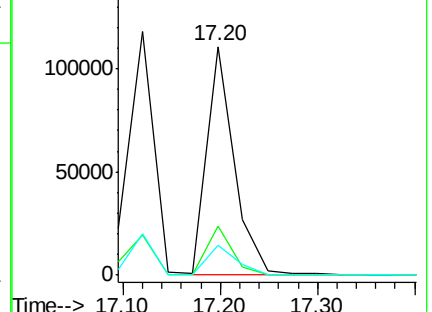
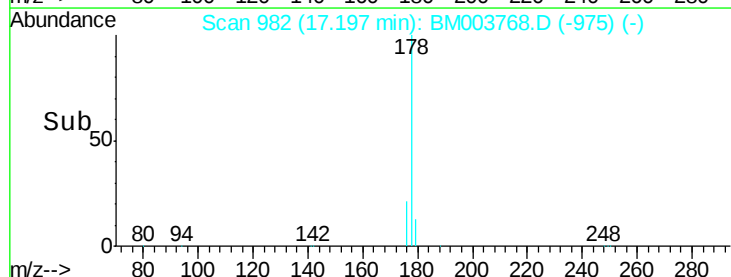
179 14.2 12.6 19.0

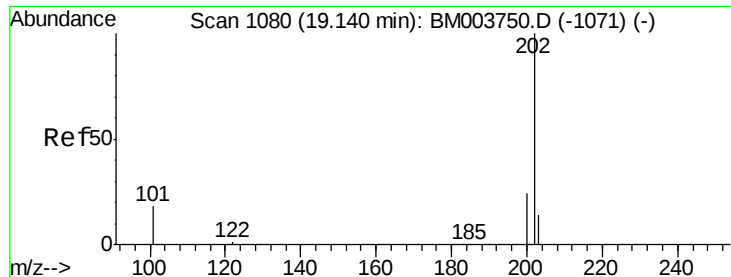


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 3.75 ng

RT: 19.15 min Scan# 1080

Delta R.T. 0.01 min

Lab File: BM003768.D

Acq: 24 Dec 2015 07:43

Instrument :

BNA_M

ClientSampleId :

PB87480BSD

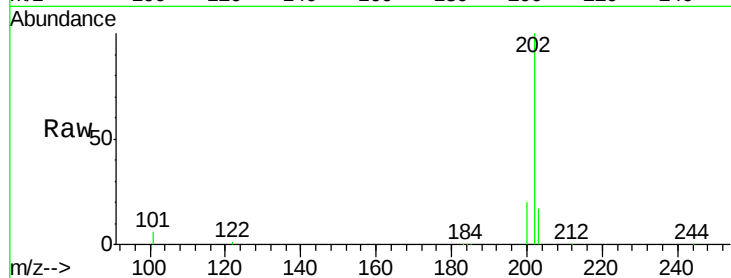
Tot Ion:202 Resp: 268902

Ion Ratio Lower Upper

202 100

101 11.2 9.7 14.5

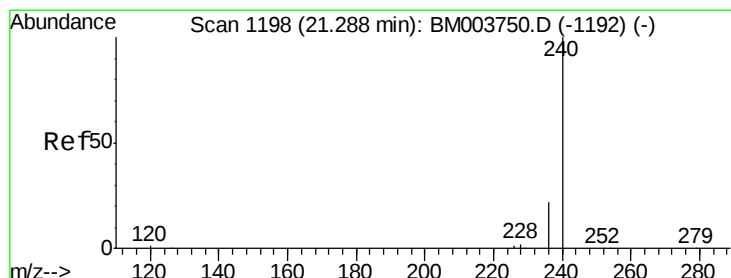
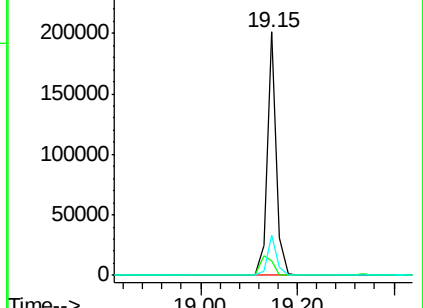
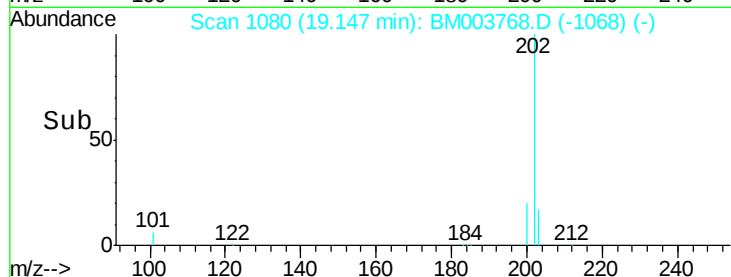
203 17.2 13.8 20.8



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: 21.28 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BM003768.D

Acq: 24 Dec 2015 07:43

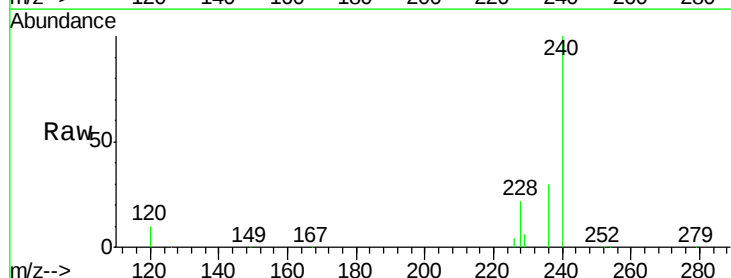
Tgt Ion:240 Resp: 221339

Ion Ratio Lower Upper

240 100

120 9.8 0.9 1.3#

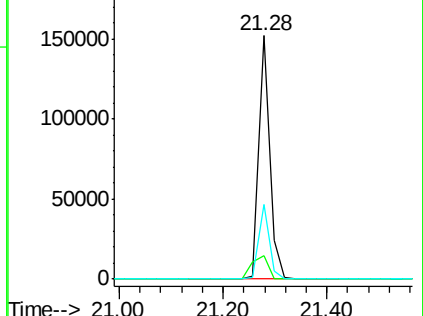
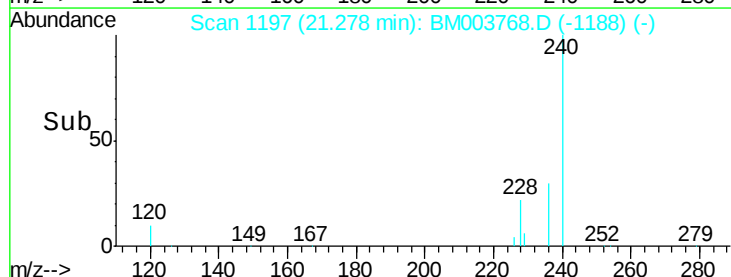
236 30.4 17.3 25.9#

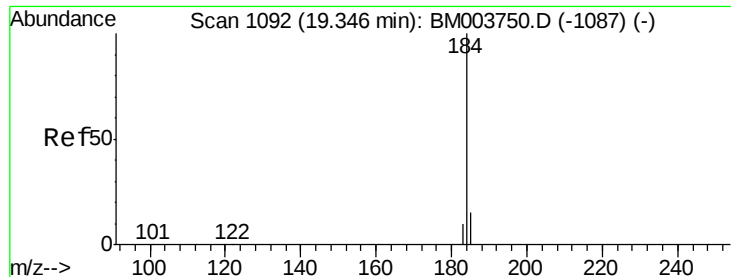


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 7.19 ng

RT: 19.34 min Scan# 1091

Delta R.T. -0.01 min

Lab File: BM003768.D

Acq: 24 Dec 2015 07:43

Instrument :

BNA_M

ClientSampleId :

PB87480BSD

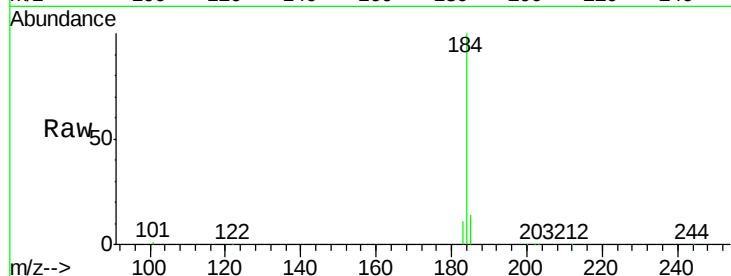
Tot Ion:184 Resp: 216605

Ion Ratio Lower Upper

184 100

185 14.1 13.2 19.8

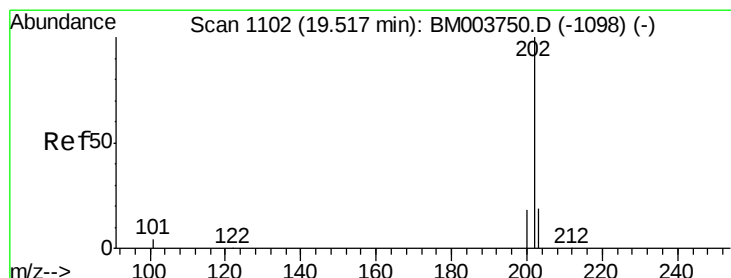
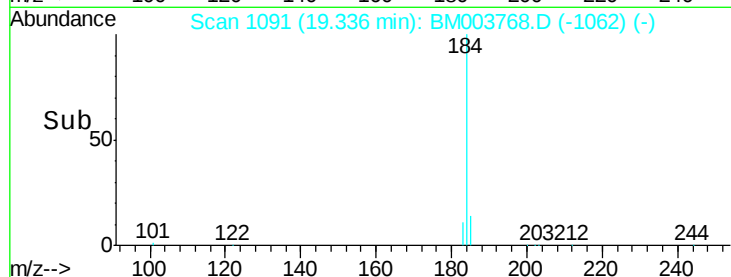
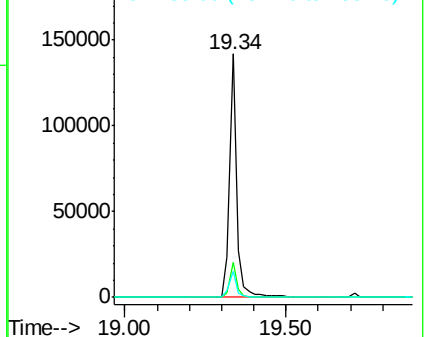
183 10.7 9.0 13.6



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: 3.82 ng

RT: 19.51 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BM003768.D

Acq: 24 Dec 2015 07:43

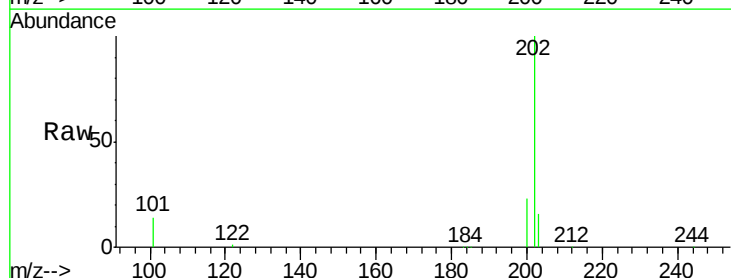
Tgt Ion:202 Resp: 281173

Ion Ratio Lower Upper

202 100

200 21.1 16.6 24.8

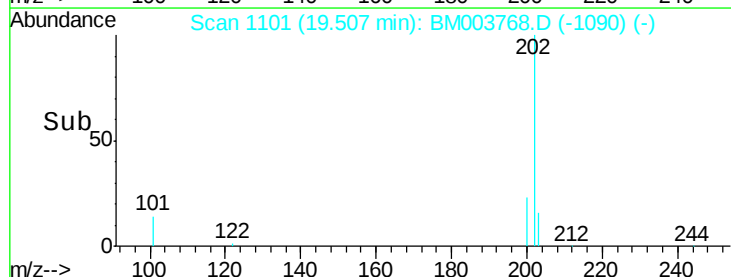
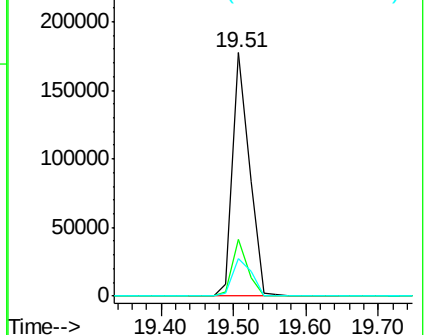
203 17.8 14.0 21.0

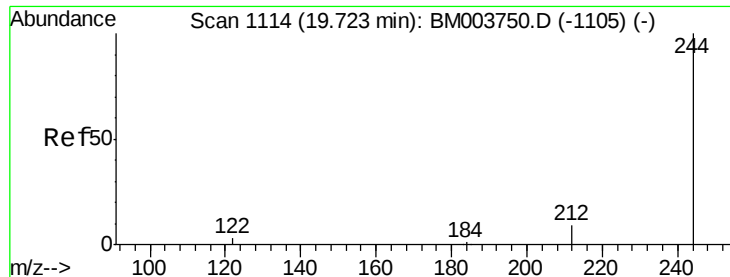


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.57 ng

RT: 19.73 min Scan# 1114

Delta R.T. 0.01 min

Lab File: BM003768.D

Acq: 24 Dec 2015 07:43

Instrument :

BNA_M

ClientSampleId :

PB87480BSD

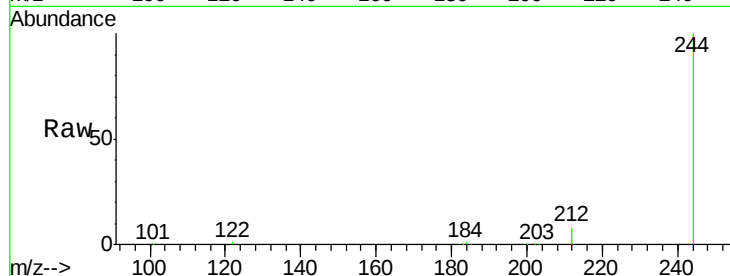
Tot Ion:244 Resp: 125663

Ion Ratio Lower Upper

244 100

212 7.7 7.0 10.6

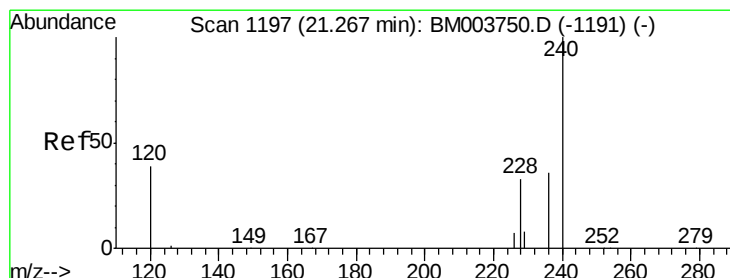
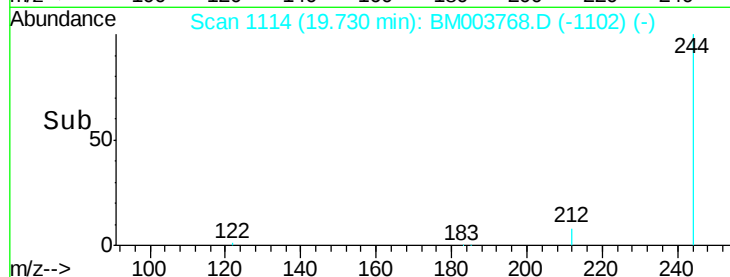
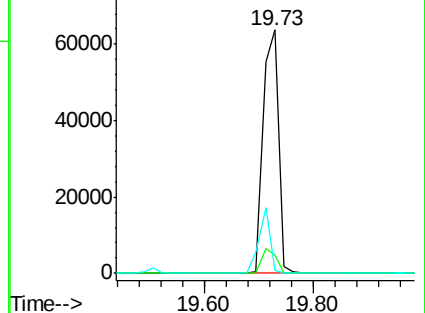
122 1.3 3.0 4.6#



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: 4.60 ng

RT: 21.26 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BM003768.D

Acq: 24 Dec 2015 07:43

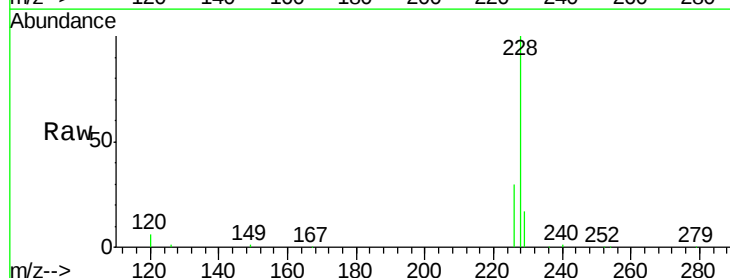
Tgt Ion:228 Resp: 304949

Ion Ratio Lower Upper

228 100

226 30.3 17.2 25.8#

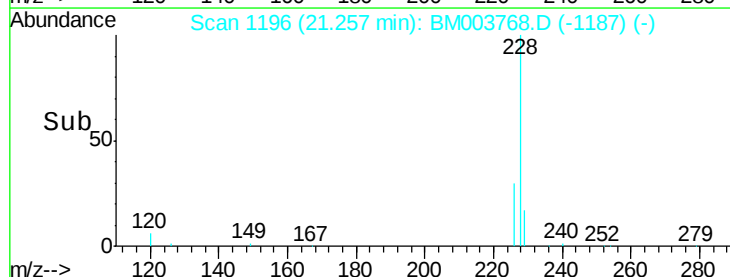
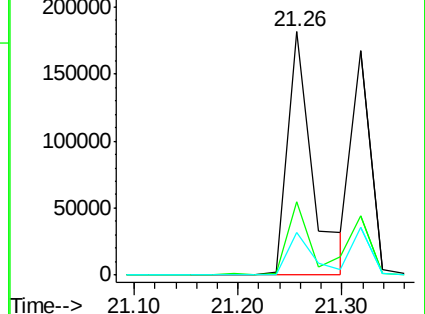
229 17.4 18.7 28.1#

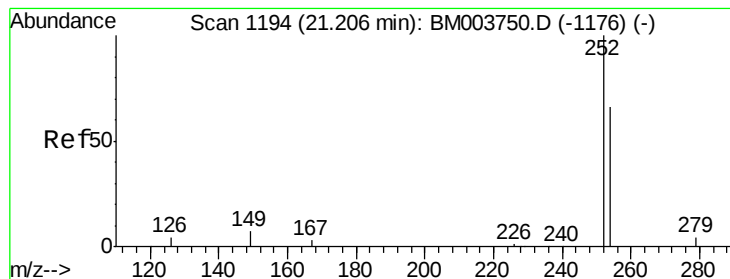


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

3,3'-Dichlorobenzidine

Concen: 3.68 ng

RT: 21.22 min Scan# 1194

Delta R.T. 0.01 min

Lab File: BM003768.D

Acq: 24 Dec 2015 07:43

Instrument :

BNA_M

ClientSampleId :

PB87480BSD

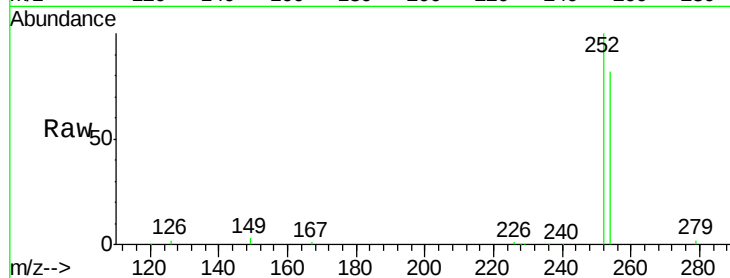
Tot Ion:252 Resp: 81509

Ion Ratio Lower Upper

252 100

254 81.8 52.6 79.0#

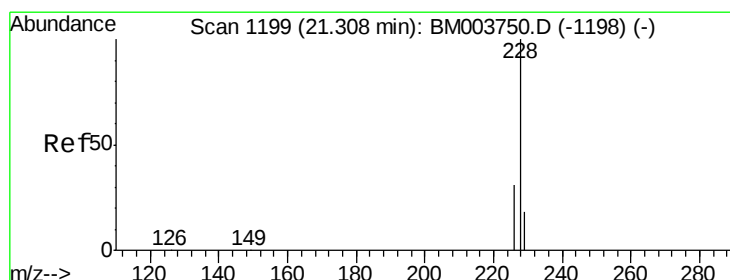
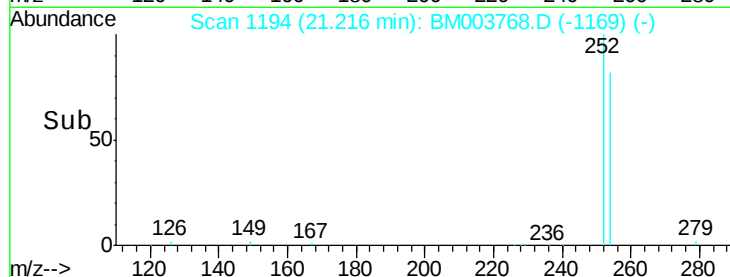
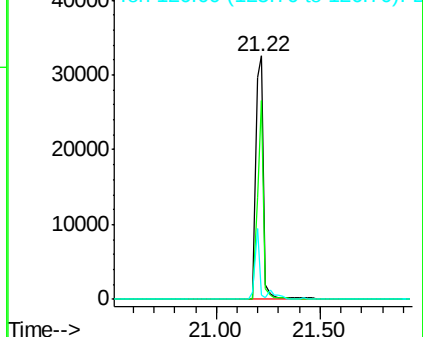
126 1.8 3.7 5.5#



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: 3.48 ng

RT: 21.32 min Scan# 1199

Delta R.T. 0.01 min

Lab File: BM003768.D

Acq: 24 Dec 2015 07:43

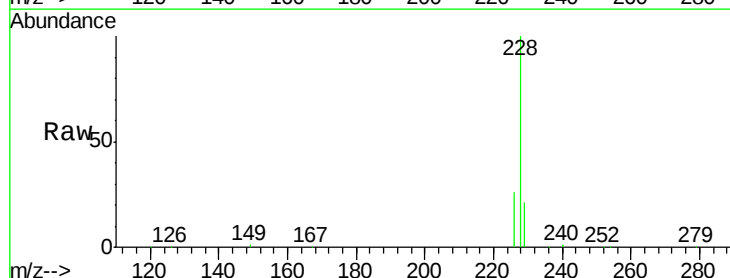
Tgt Ion:228 Resp: 212008

Ion Ratio Lower Upper

228 100

226 26.2 25.3 37.9

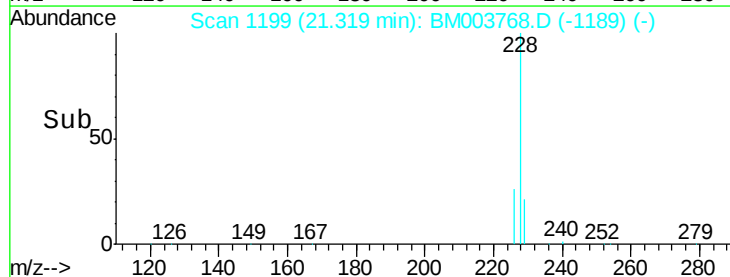
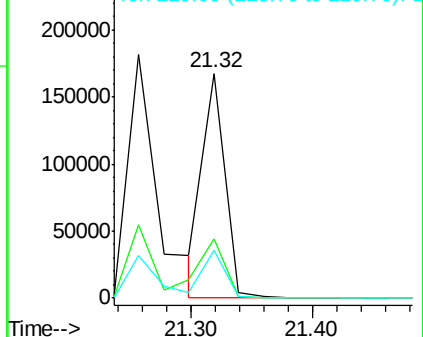
229 21.1 14.5 21.7

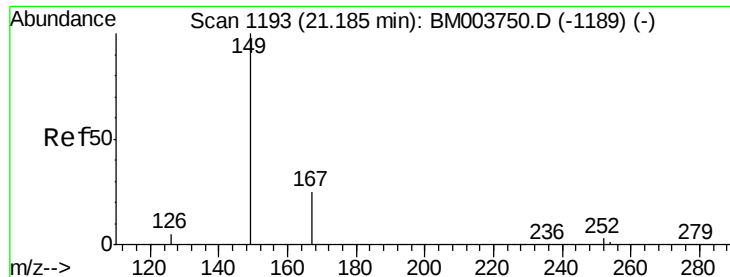


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

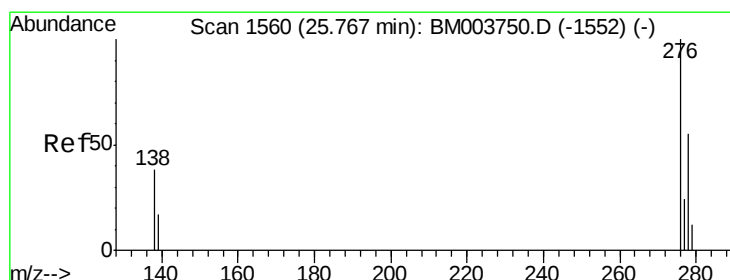
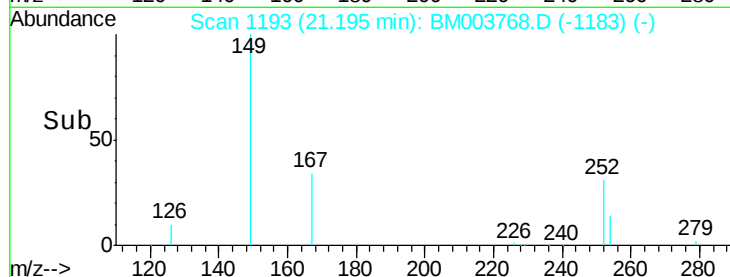
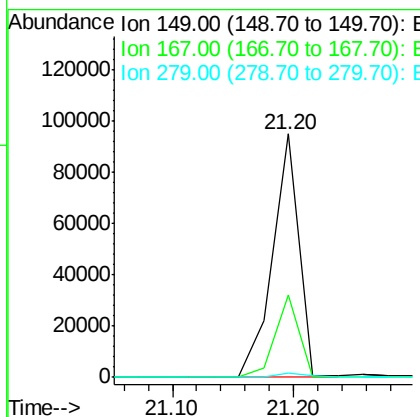
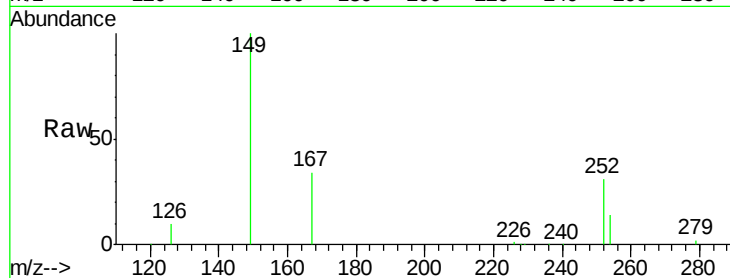




#33
 Bis(2-ethylhexyl)phthalate
 Concen: 3.06 ng
 RT: 21.20 min Scan# 1193
 Delta R.T. 0.01 min
 Lab File: BM003768.D
 Acq: 24 Dec 2015 07:43

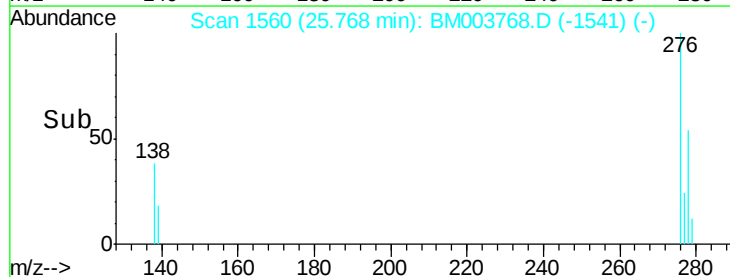
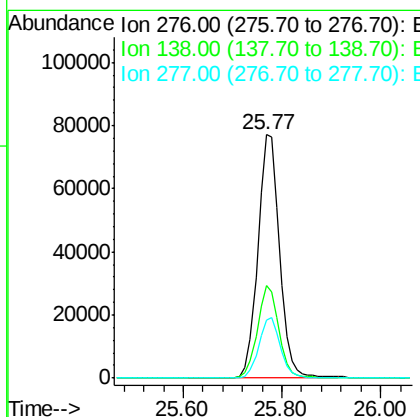
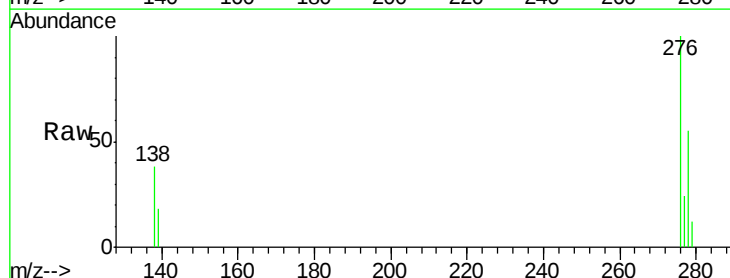
Instrument :
 BNA_M
 ClientSampleId :
 PB87480BSD

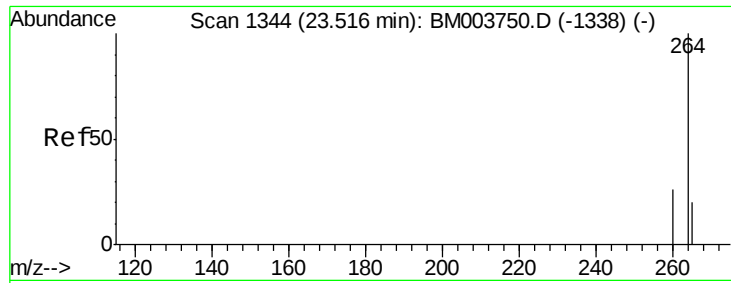
Tot Ion:149 Resp: 144595
 Ion Ratio Lower Upper
 149 100
 167 30.3 20.1 30.1#
 279 2.1 0.0 0.0#



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 4.95 ng
 RT: 25.77 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: BM003768.D
 Acq: 24 Dec 2015 07:43

Tgt Ion:276 Resp: 231699
 Ion Ratio Lower Upper
 276 100
 138 37.3 30.2 45.2
 277 24.7 19.8 29.8

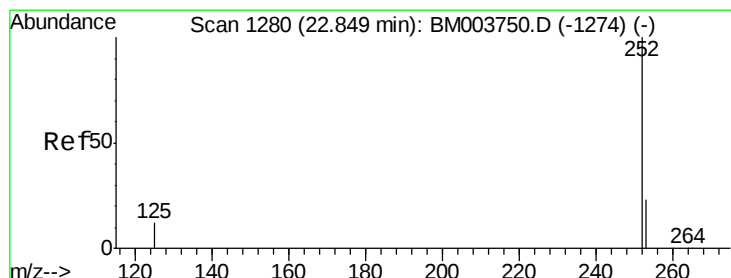
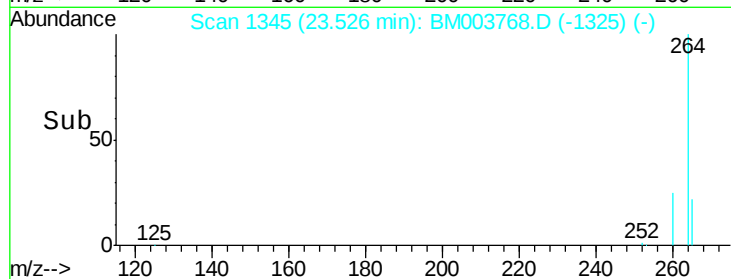
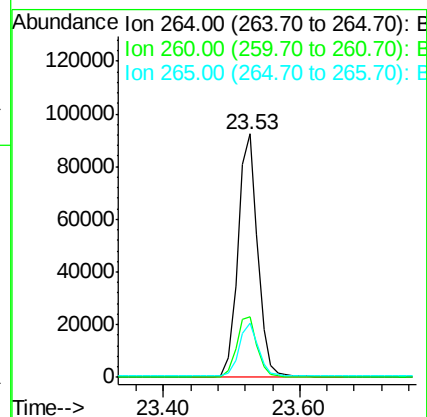
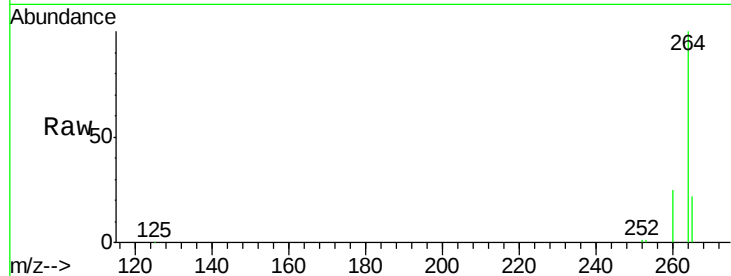




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.53 min Scan# 1345
 Delta R.T. 0.01 min
 Lab File: BM003768.D
 Acq: 24 Dec 2015 07:43

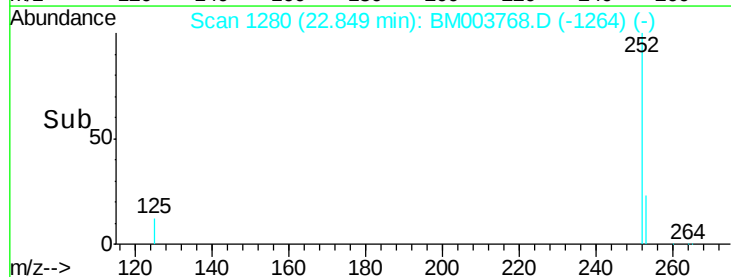
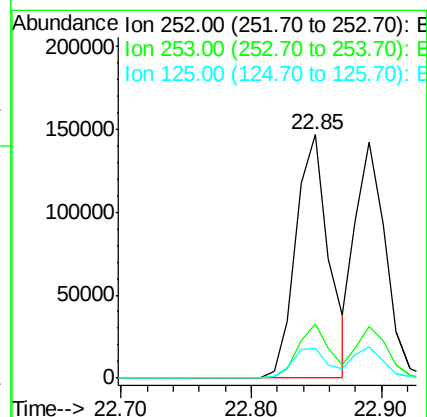
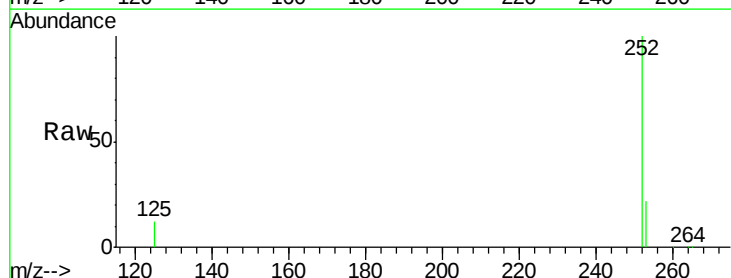
Instrument :
 BNA_M
 ClientSampleId :
 PB87480BSD

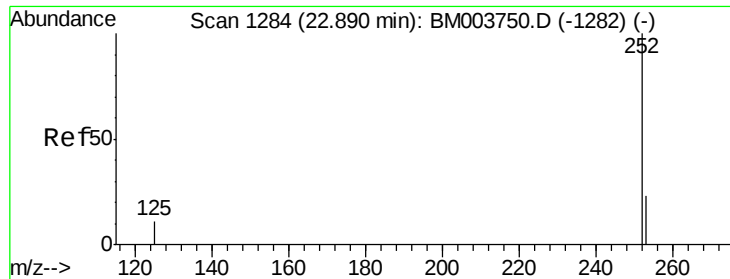
Tot Ion:264 Resp: 186530
 Ion Ratio Lower Upper
 264 100
 260 24.7 21.2 31.8
 265 22.1 16.7 25.1



#36
 Benzo(b)fluoranthene
 Concen: 4.23 ng
 RT: 22.85 min Scan# 1280
 Delta R.T. 0.00 min
 Lab File: BM003768.D
 Acq: 24 Dec 2015 07:43

Tgt Ion:252 Resp: 257756
 Ion Ratio Lower Upper
 252 100
 253 22.5 18.8 28.2
 125 12.4 10.2 15.4





#37

Benzo(k)fluoranthene

Concen: 4.10 ng

RT: 22.89 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BM003768.D

Acq: 24 Dec 2015 07:43

Instrument :

BNA_M

ClientSampleId :

PB87480BSD

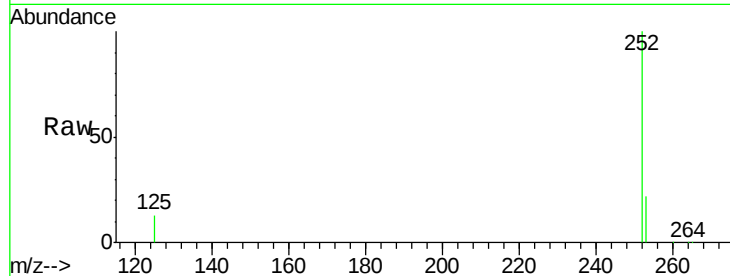
Tot Ion:252 Resp: 230257

Ion Ratio Lower Upper

252 100

253 21.7 18.3 27.5

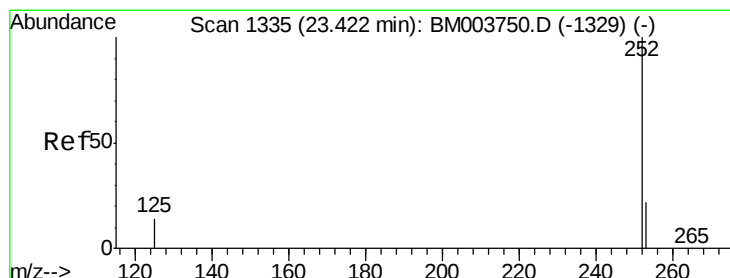
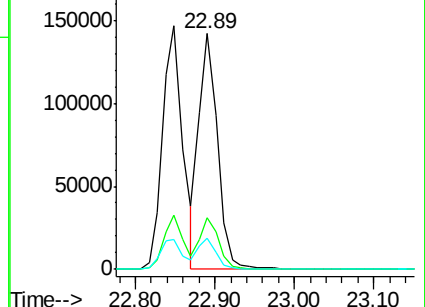
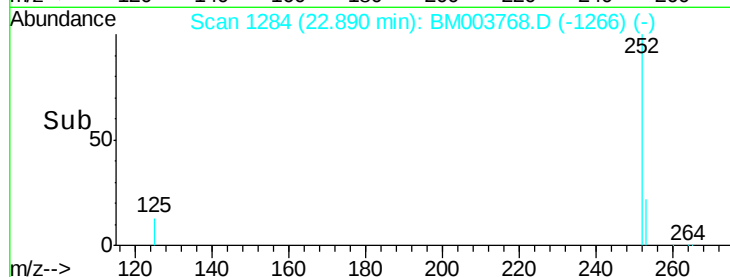
125 13.1 10.6 15.8



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: 4.38 ng

RT: 23.42 min Scan# 1335

Delta R.T. 0.00 min

Lab File: BM003768.D

Acq: 24 Dec 2015 07:43

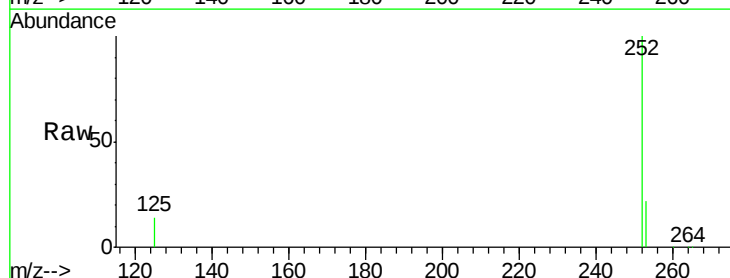
Tgt Ion:252 Resp: 228595

Ion Ratio Lower Upper

252 100

253 21.9 18.7 28.1

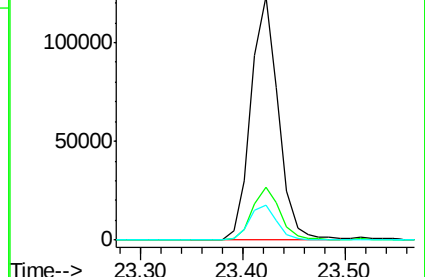
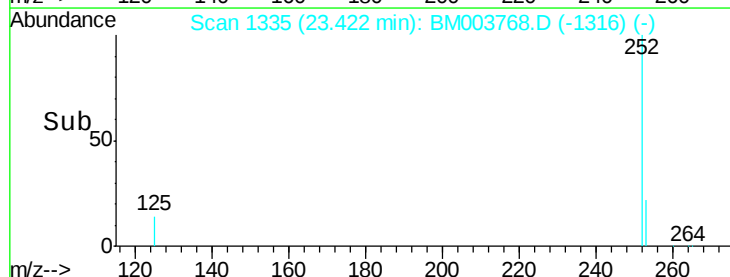
125 14.1 11.8 17.8

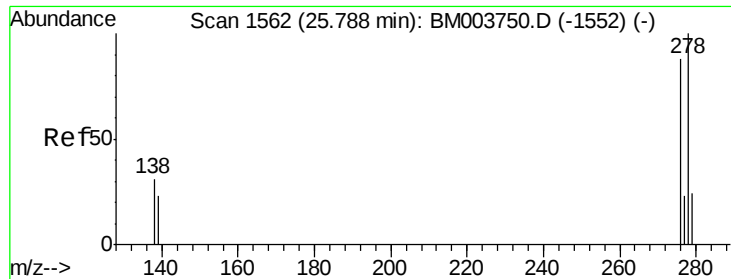


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 4.57 ng

RT: 25.79 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BM003768.D

Acq: 24 Dec 2015 07:43

Instrument :

BNA_M

ClientSampleId :

PB87480BSD

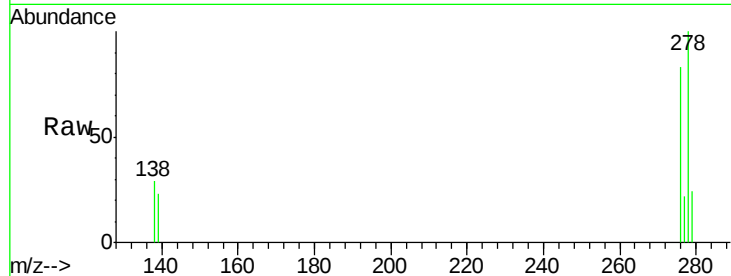
Tot Ion:278 Resp: 187079

Ion Ratio Lower Upper

278 100

139 22.7 19.0 28.6

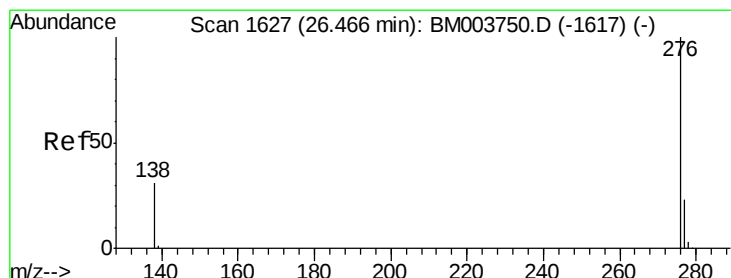
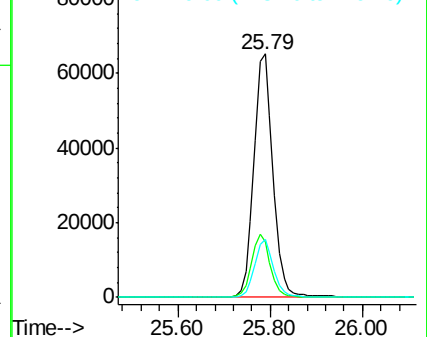
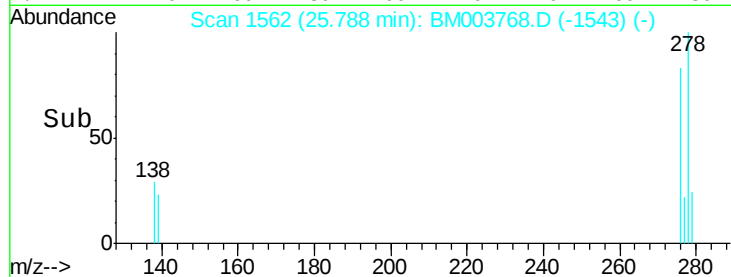
279 23.9 19.6 29.4



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



#40

Benzo(g,h,i)perylene

Concen: 4.49 ng

RT: 26.46 min Scan# 1626

Delta R.T. -0.01 min

Lab File: BM003768.D

Acq: 24 Dec 2015 07:43

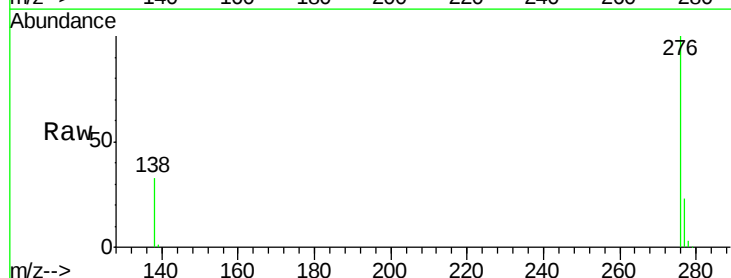
Tgt Ion:276 Resp: 192144

Ion Ratio Lower Upper

276 100

277 22.9 19.1 28.7

138 32.8 25.0 37.4



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

