

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122415\
 Data File : BM003767.D
 Acq On : 24 Dec 2015 07:07
 Operator : UM/SJ
 Sample : PB87480BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB87480BS

Quant Time: Dec 24 14:57:15 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	44091	5.00	ng	0.00
7) Naphthalene-d8	10.47	136	194334	5.00	ng	0.00
13) Acenaphthene-d10	14.32	164	110085	5.00	ng	0.00
19) Phenanthrene-d10	17.08	188	224085	5.00	ng	0.02
26) Chrysene-d12	21.28	240	247082	5.00	ng	-0.01
35) Perylene-d12	23.52	264	210729	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	61001	5.86	ng	0.00
5) Phenol-d6	6.87	99	82144	6.44	ng	0.00
8) Nitrobenzene-d5	8.84	82	37321	3.62	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	27206	7.86	ng	0.00
15) 2-Fluorobiphenyl	12.95	172	131240	3.90	ng	0.00
29) Terphenyl-d14	19.73	244	139209	3.54	ng	0.00

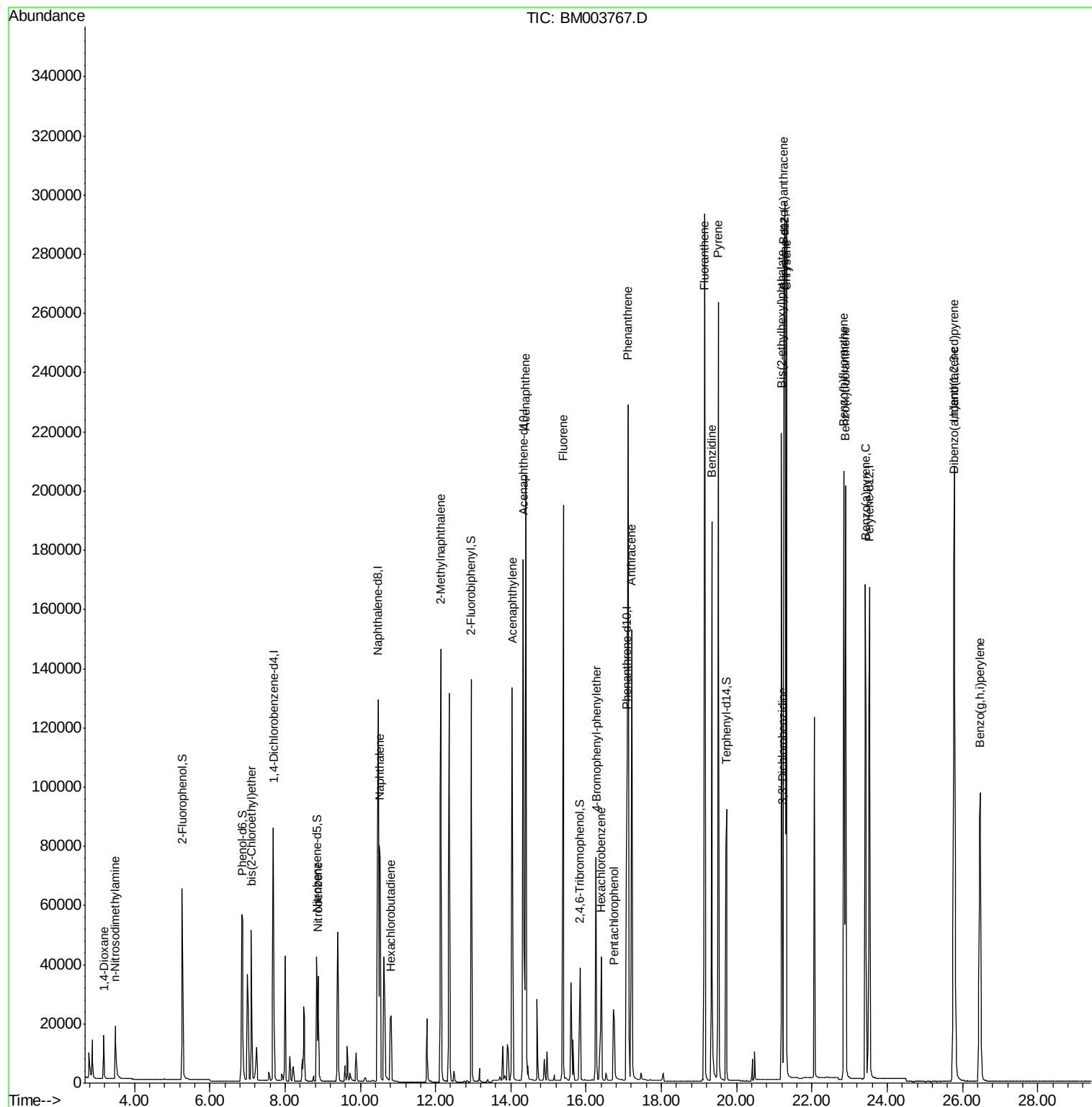
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.18	88	12571	3.10	ng	96
3) n-Nitrosodimethylamine	3.49	42	14724	3.14	ng	96
6) bis(2-Chloroethyl)ether	7.11	93	35866	3.16	ng	99
9) Nitrobenzene	8.88	77	38343	3.28	ng	98
10) Naphthalene	10.51	128	141879	3.20	ng	99
11) Hexachlorobutadiene	10.82	225	20938	3.06	ng	99
12) 2-Methylnaphthalene	12.14	142	106193	3.58	ng	97
16) Acenaphthylene	14.04	152	182054	3.63	ng	100
17) Acenaphthene	14.39	154	124427	3.99	ng	96
18) Fluorene	15.39	166	147569	4.02	ng	99
20) 4-Bromophenyl-phenylether	16.27	248	45113	4.52	ng	90
21) Hexachlorobenzene	16.39	284	45392	4.79	ng	# 96
22) Pentachlorophenol	16.73	266	30043	6.37	ng	# 66
23) Phenanthrene	17.11	178	276910	4.58	ng	98
24) Anthracene	17.21	178	217779	3.94	ng	99
25) Fluoranthene	19.14	202	276891	3.87	ng	99
27) Benzidine	19.33	184	225371	6.87	ng	96
28) Pyrene	19.50	202	294507	3.59	ng	99
30) Benzo(a)anthracene	21.25	228	294928	3.98	ng	# 83
31) 3,3'-Dichlorobenzidine	21.21	252	85314	3.46	ng	# 85
32) Chrysene	21.32	228	246312	3.63	ng	93
33) Bis(2-ethylhexyl)phthalate	21.19	149	181302	3.42	ng	# 90
34) Indeno(1,2,3-cd)pyrene	25.78	276	229516	4.39	ng	100
36) Benzo(b)fluoranthene	22.85	252	255520	3.71	ng	98
37) Benzo(k)fluoranthene	22.89	252	242908	3.83	ng	97
38) Benzo(a)pyrene	23.42	252	231800	3.93	ng	98
39) Dibenzo(a,h)anthracene	25.79	278	186247	4.03	ng	98
40) Benzo(g,h,i)perylene	26.46	276	190437	3.94	ng	99

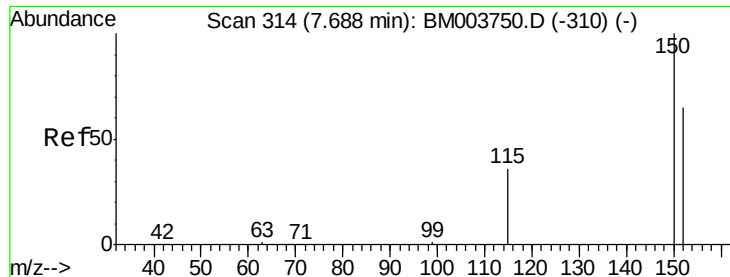
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.69 min Scan# 314

Delta R.T. 0.00 min

Lab File: BM003767.D

Acq: 24 Dec 2015 07:07

Instrument :

BNA_M

ClientSampleId :

PB87480BS

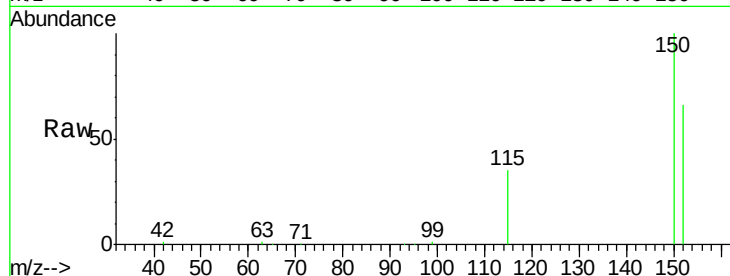
Tot Ion:152 Resp: 44091

Ion Ratio Lower Upper

152 100

150 151.7 122.9 184.3

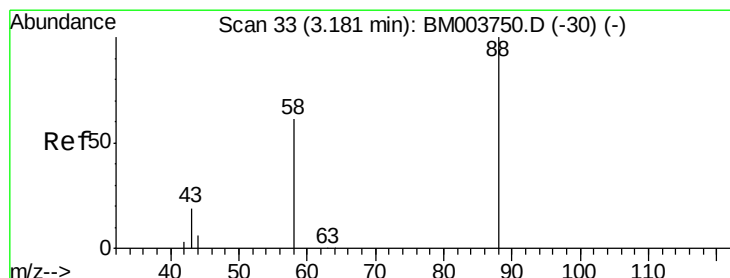
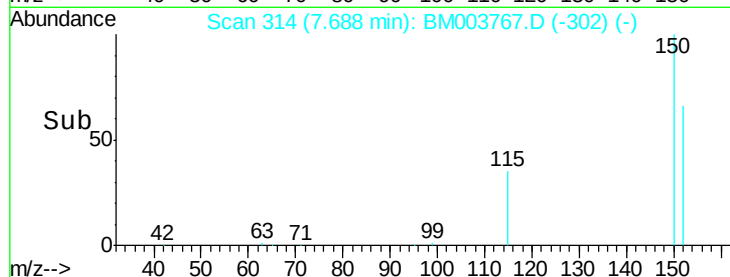
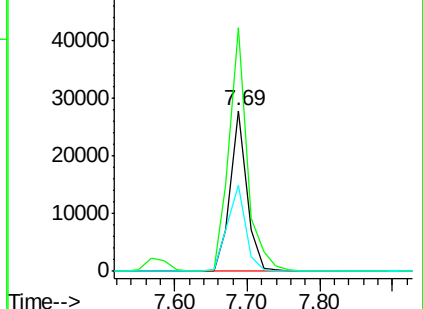
115 53.8 44.4 66.6



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: 3.10 ng

RT: 3.18 min Scan# 33

Delta R.T. 0.00 min

Lab File: BM003767.D

Acq: 24 Dec 2015 07:07

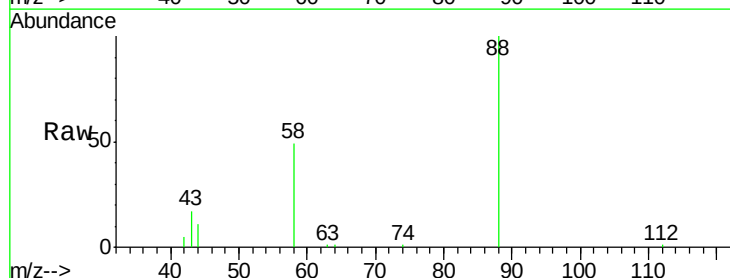
Tgt Ion: 88 Resp: 12571

Ion Ratio Lower Upper

88 100

58 71.5 53.8 80.6

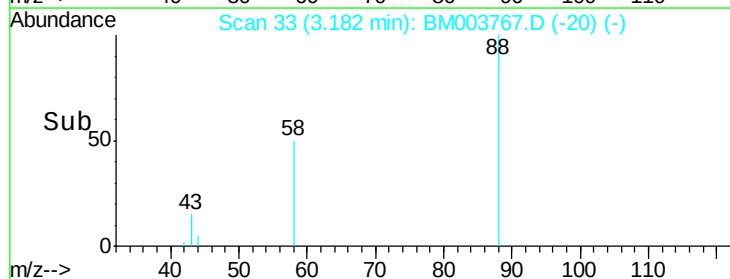
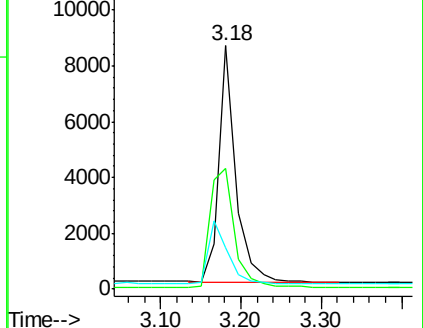
43 30.8 23.8 35.6

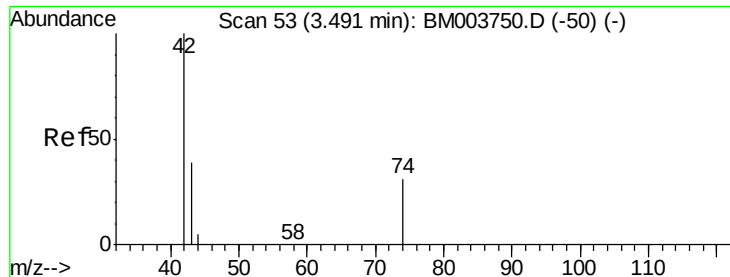


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 3.14 ng

RT: 3.49 min Scan# 53

Delta R.T. 0.00 min

Lab File: BM003767.D

Acq: 24 Dec 2015 07:07

Instrument :

BNA_M

ClientSampleId :

PB87480BS

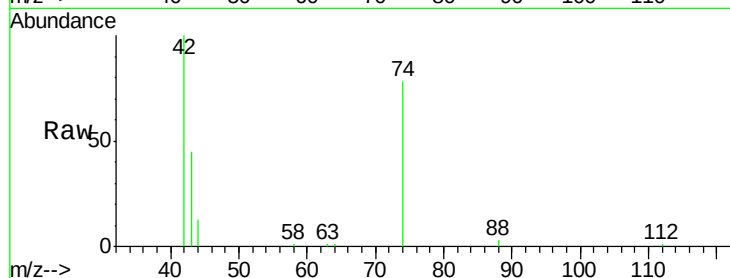
Tot Ion: 42 Resp: 14724

Ion Ratio Lower Upper

42 100

74 122.9 95.0 142.4

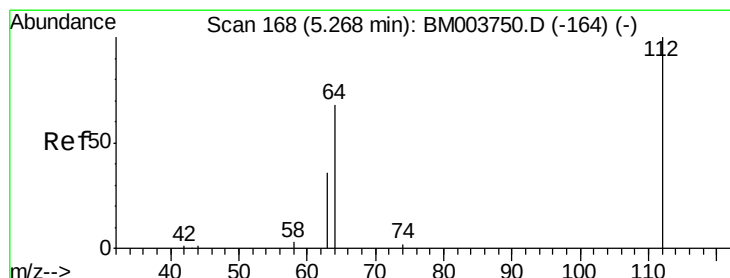
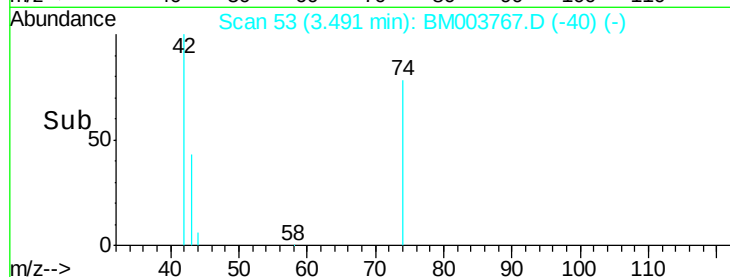
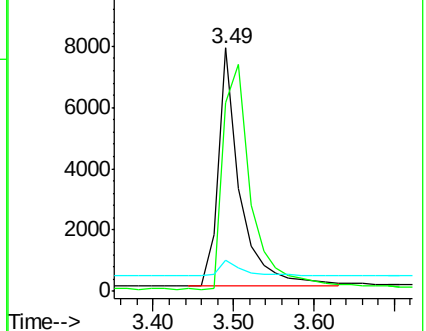
44 6.6 5.1 7.7



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: 5.86 ng

RT: 5.27 min Scan# 168

Delta R.T. 0.00 min

Lab File: BM003767.D

Acq: 24 Dec 2015 07:07

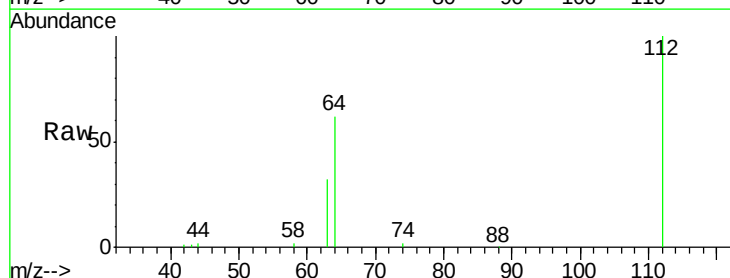
Tgt Ion: 112 Resp: 61001

Ion Ratio Lower Upper

112 100

64 52.3 41.8 62.8

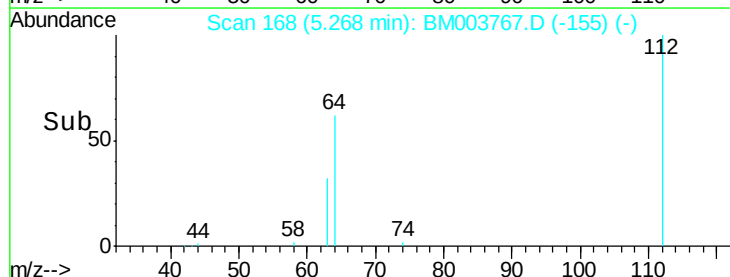
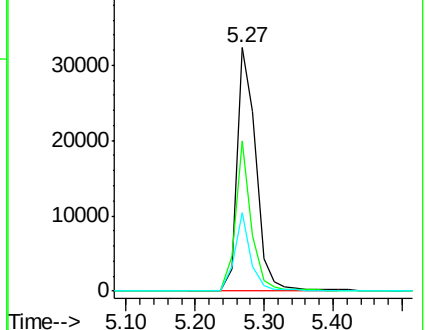
63 27.4 22.1 33.1

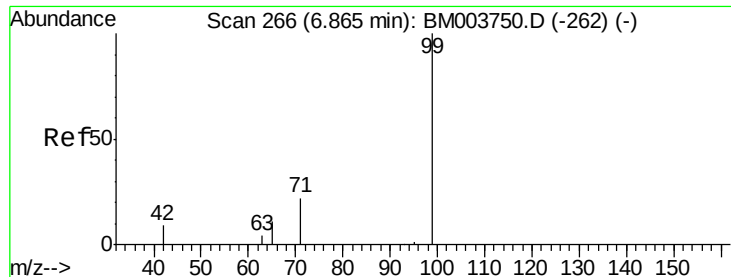


Abundance Ion 112.00 (111.70 to 112.70): BM003750.D (-164) (-)

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: 6.44 ng

RT: 6.87 min Scan# 266

Delta R.T. 0.00 min

Lab File: BM003767.D

Acq: 24 Dec 2015 07:07

Instrument :

BNA_M

ClientSampleId :

PB87480BS

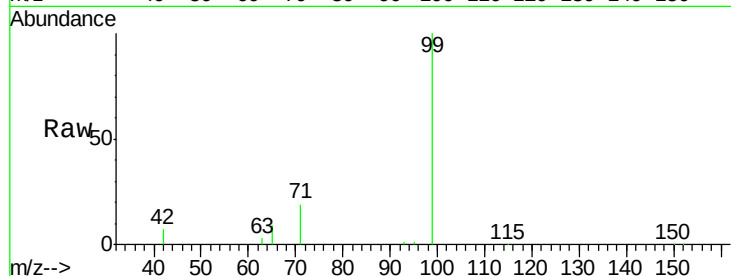
Tot Ion: 99 Resp: 82144

Ion Ratio Lower Upper

99 100

42 19.1 16.2 24.2

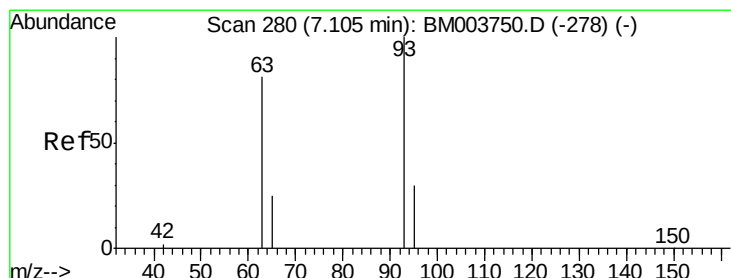
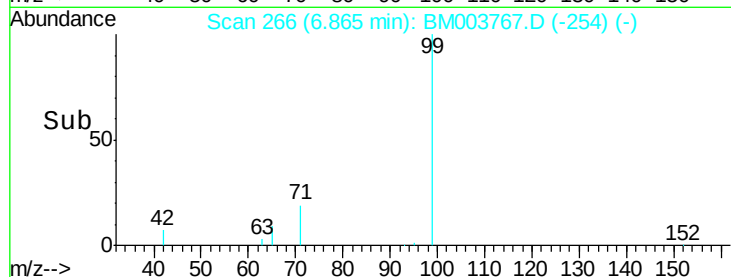
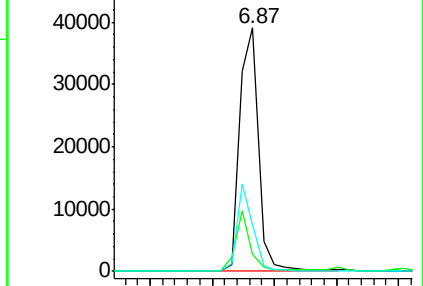
71 30.3 24.4 36.6



Abundance Ion 99.00 (98.70 to 99.70): BM003767.D (-268) (-)

Ion 42.00 (41.70 to 42.70): BM003767.D (-268) (-)

Ion 71.00 (70.70 to 71.70): BM003767.D (-268) (-)



#6

bis(2-Chloroethyl)ether

Concen: 3.16 ng

RT: 7.11 min Scan# 280

Delta R.T. 0.00 min

Lab File: BM003767.D

Acq: 24 Dec 2015 07:07

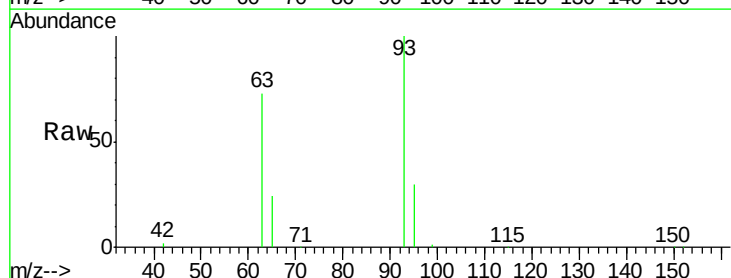
Tgt Ion: 93 Resp: 35866

Ion Ratio Lower Upper

93 100

63 73.6 58.3 87.5

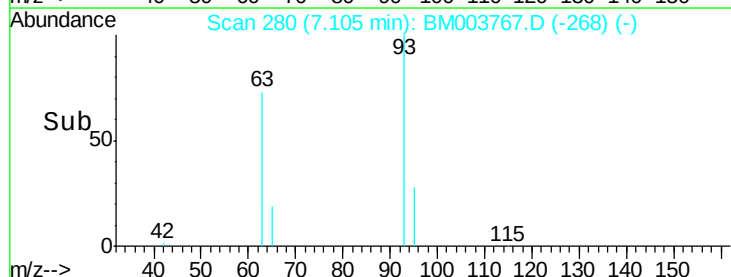
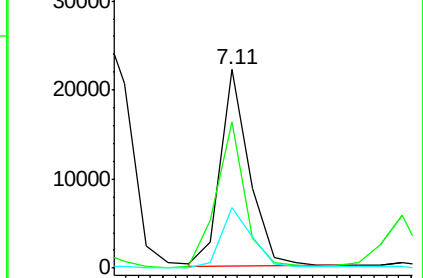
95 32.8 25.8 38.8

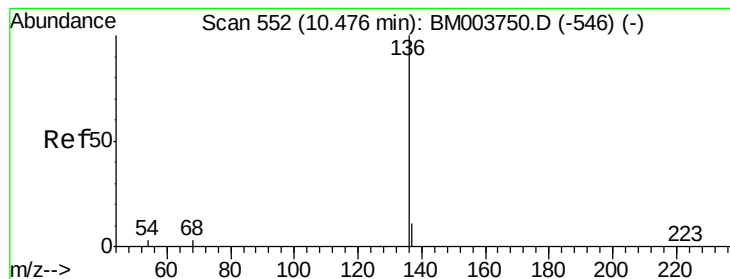


Abundance Ion 93.00 (92.70 to 93.70): BM003767.D (-268) (-)

Ion 63.00 (62.70 to 63.70): BM003767.D (-268) (-)

Ion 95.00 (94.70 to 95.70): BM003767.D (-268) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.47 min Scan# 551

Delta R.T. -0.00 min

Lab File: BM003767.D

Acq: 24 Dec 2015 07:07

Instrument :

BNA_M

ClientSampleId :

PB87480BS

Tot Ion:136 Resp: 194334

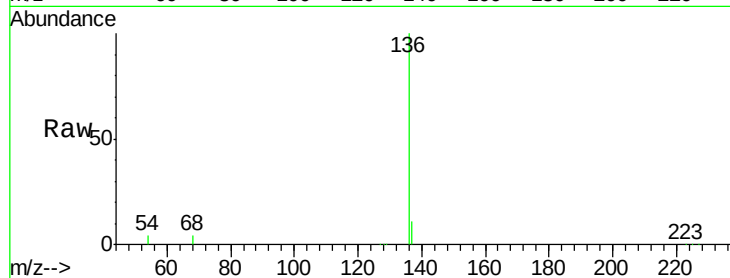
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 4.3 2.8 4.2#

68 3.6 2.5 3.7

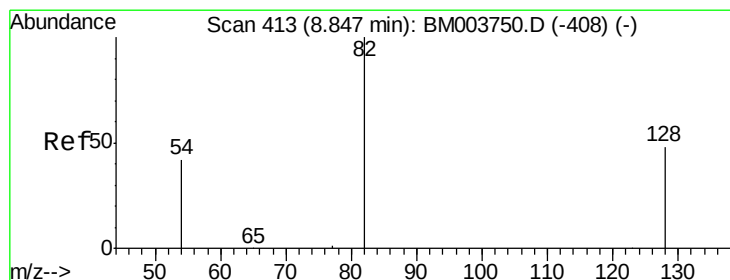
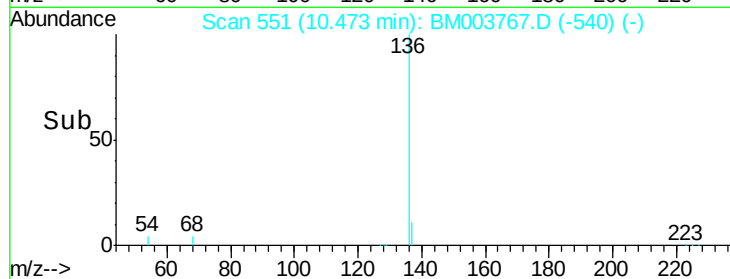
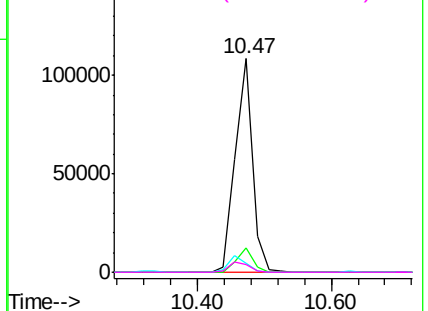


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.62 ng

RT: 8.84 min Scan# 412

Delta R.T. -0.00 min

Lab File: BM003767.D

Acq: 24 Dec 2015 07:07

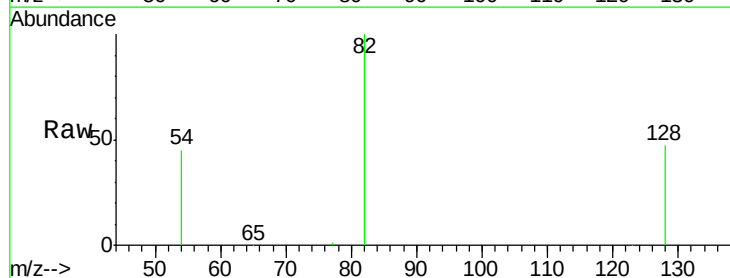
Tgt Ion: 82 Resp: 37321

Ion Ratio Lower Upper

82 100

128 47.0 39.1 58.7

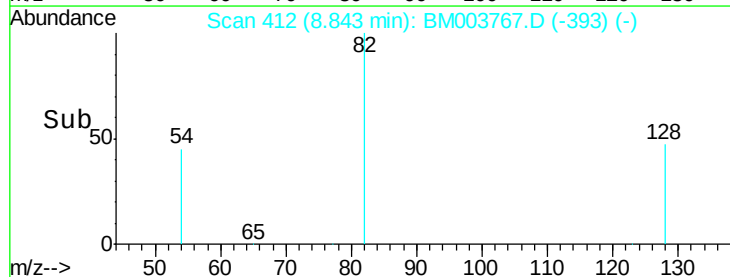
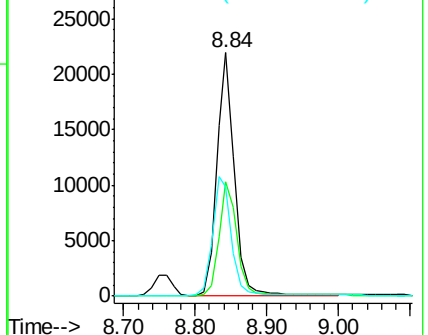
54 45.0 34.8 52.2

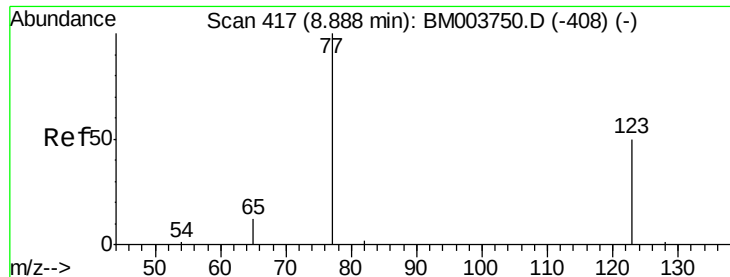


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 3.28 ng

RT: 8.88 min Scan# 416

Delta R.T. -0.00 min

Lab File: BM003767.D

Acq: 24 Dec 2015 07:07

Instrument :

BNA_M

ClientSampleId :

PB87480BS

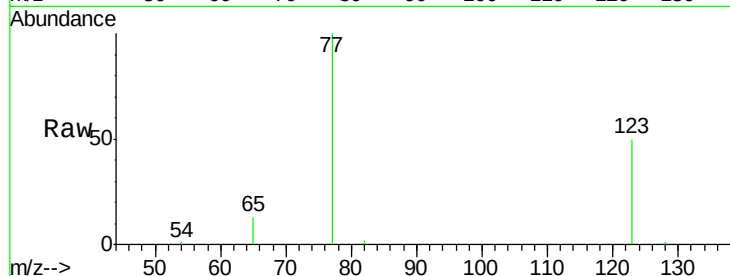
Tot Ion: 77 Resp: 38343

Ion Ratio Lower Upper

77 100

123 49.8 38.6 57.8

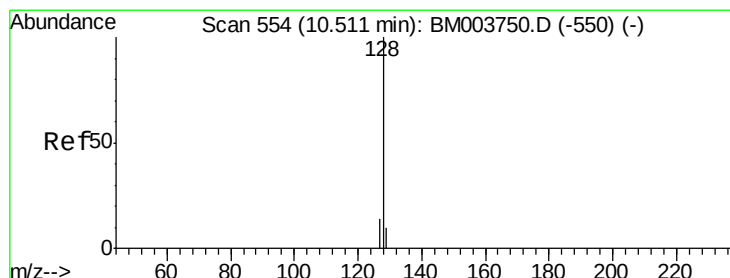
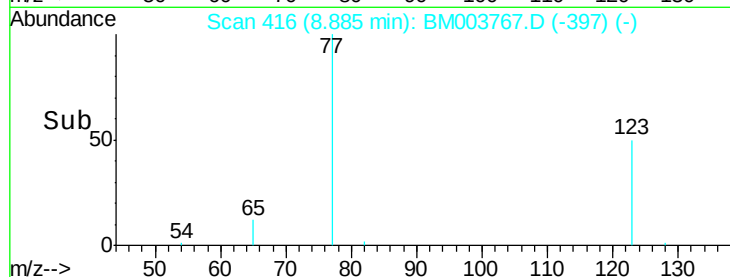
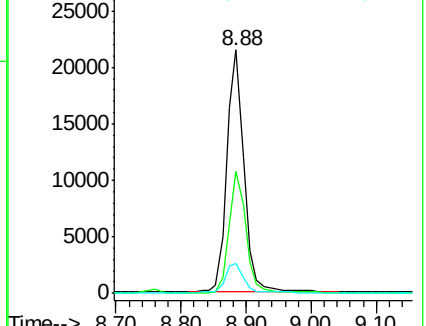
65 12.9 9.9 14.9



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: 3.20 ng

RT: 10.51 min Scan# 553

Delta R.T. -0.00 min

Lab File: BM003767.D

Acq: 24 Dec 2015 07:07

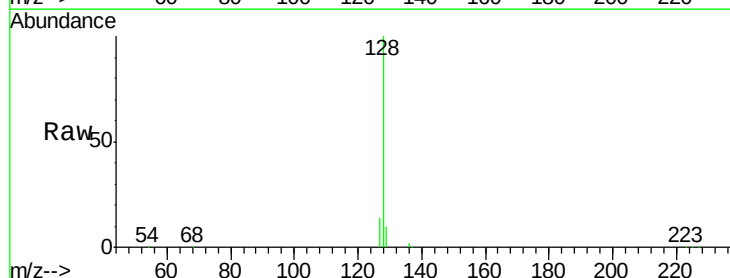
Tgt Ion: 128 Resp: 141879

Ion Ratio Lower Upper

128 100

129 10.1 8.5 12.7

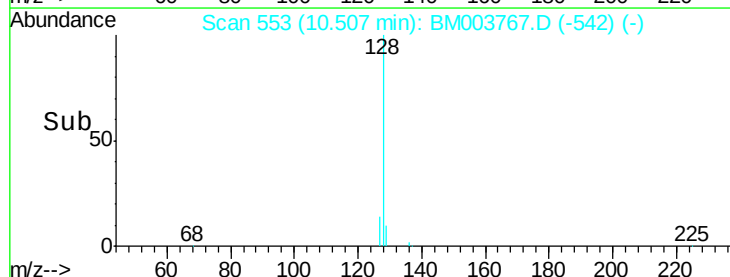
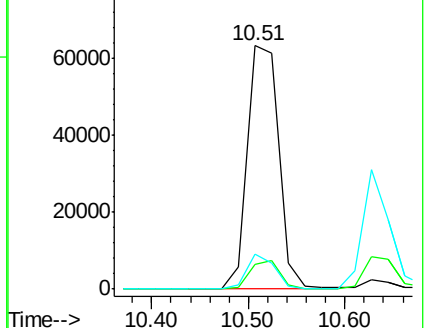
127 14.3 11.0 16.4

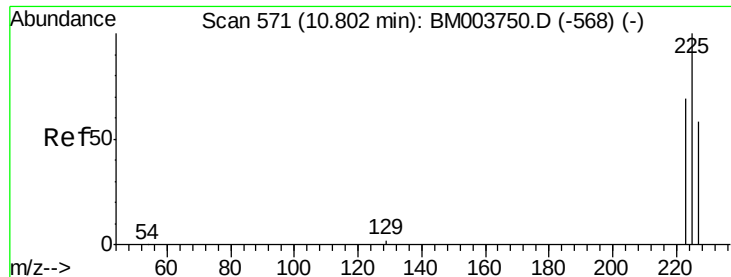


Abundance Ion 128.00 (127.70 to 128.70): BM003750.D (-550) (-)

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

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

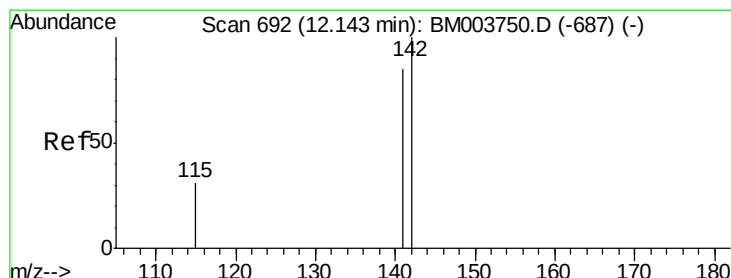
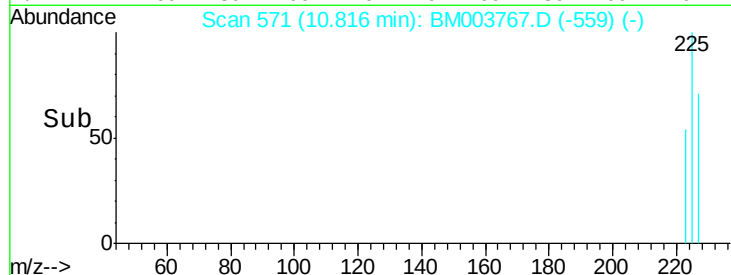
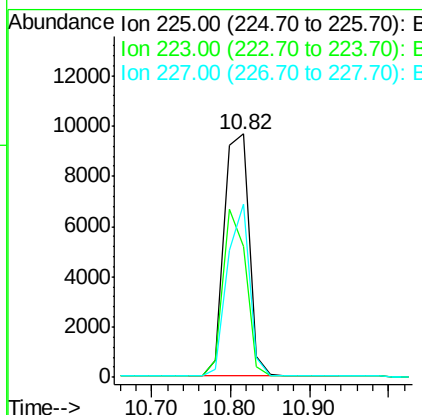
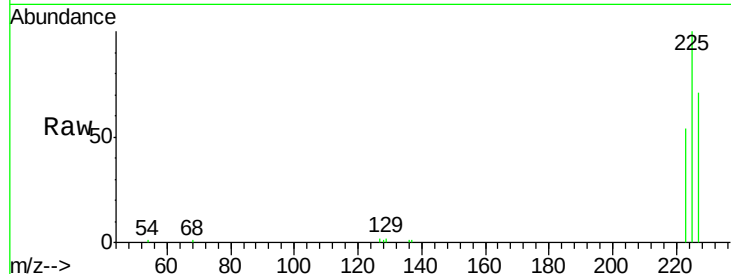




#11
Hexachlorobutadiene
Concen: 3.06 ng
RT: 10.82 min Scan# 571
Delta R.T. 0.01 min
Lab File: BM003767.D
Acq: 24 Dec 2015 07:07

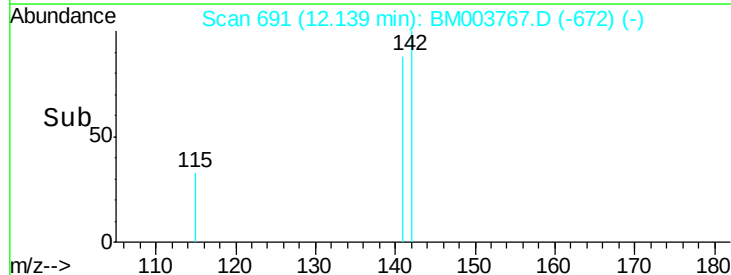
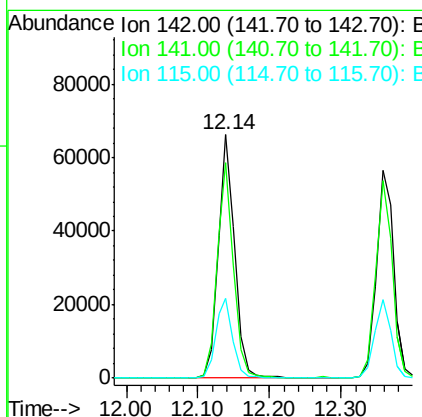
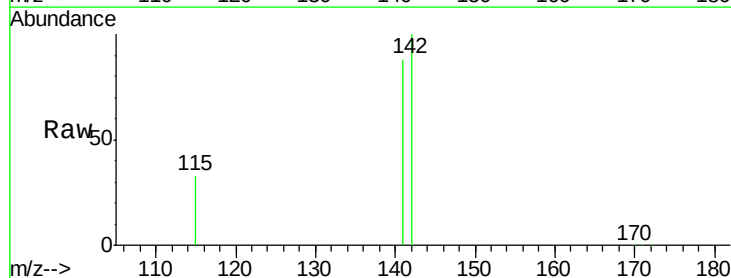
Instrument :
BNA_M
ClientSampleId :
PB87480BS

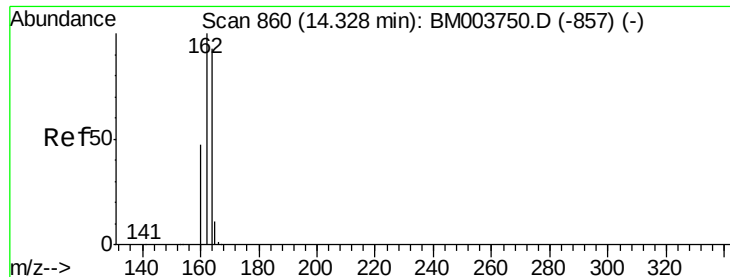
Tot Ion:225 Resp: 20938
Ion Ratio Lower Upper
225 100
223 63.2 50.9 76.3
227 63.4 51.2 76.8



#12
2-Methylnaphthalene
Concen: 3.58 ng
RT: 12.14 min Scan# 691
Delta R.T. -0.00 min
Lab File: BM003767.D
Acq: 24 Dec 2015 07:07

Tgt Ion:142 Resp: 106193
Ion Ratio Lower Upper
142 100
141 88.3 67.8 101.8
115 32.7 25.3 37.9





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.32 min Scan# 859

Delta R.T. -0.00 min

Lab File: BM003767.D

Acq: 24 Dec 2015 07:07

Instrument :

BNA_M

ClientSampleId :

PB87480BS

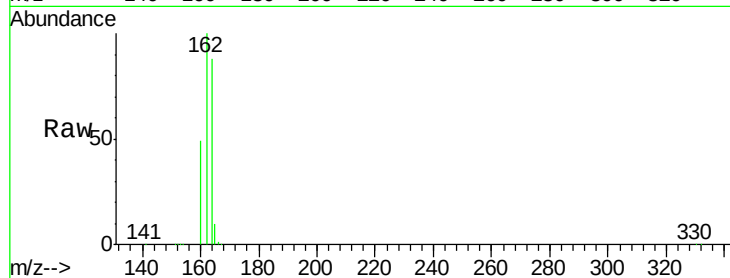
Tot Ion:164 Resp: 110085

Ion Ratio Lower Upper

164 100

162 113.4 86.0 129.0

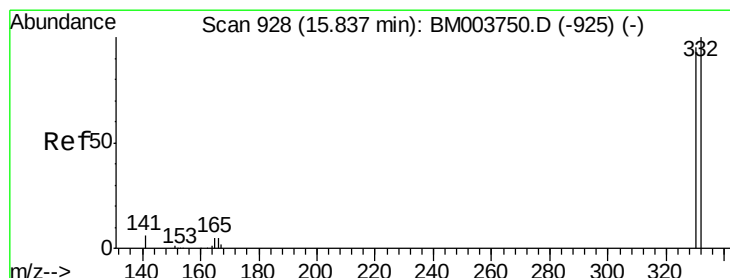
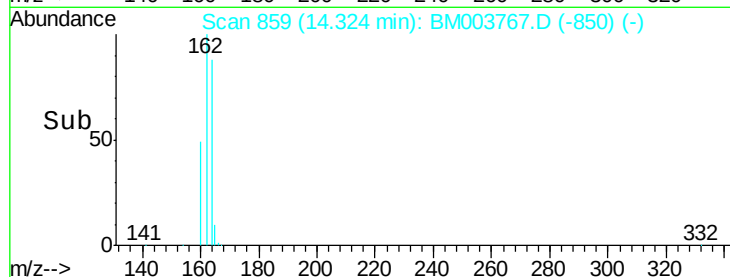
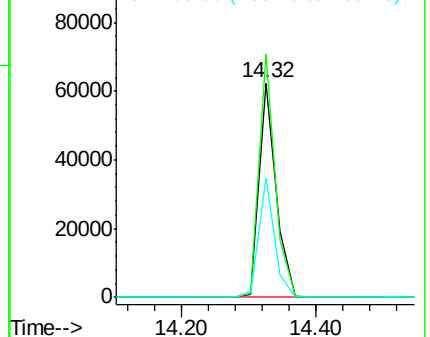
160 55.6 40.3 60.5



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: 7.86 ng

RT: 15.83 min Scan# 927

Delta R.T. -0.00 min

Lab File: BM003767.D

Acq: 24 Dec 2015 07:07

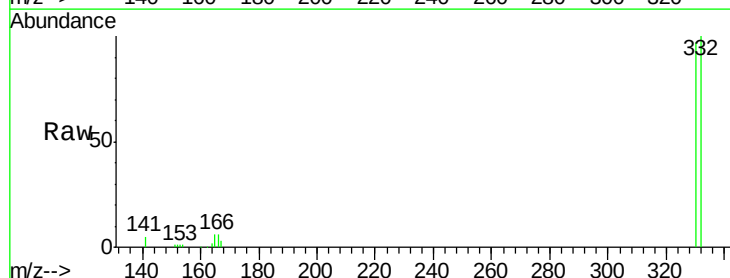
Tgt Ion:330 Resp: 27206

Ion Ratio Lower Upper

330 100

332 99.6 79.0 118.4

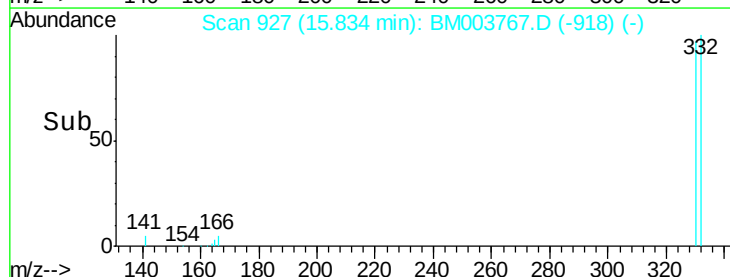
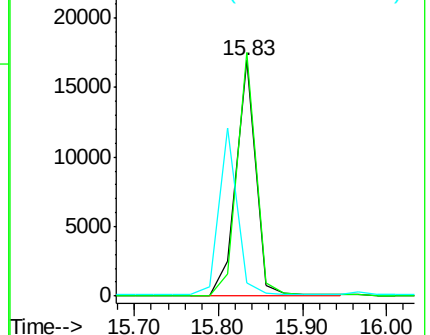
141 0.0 0.0 0.0

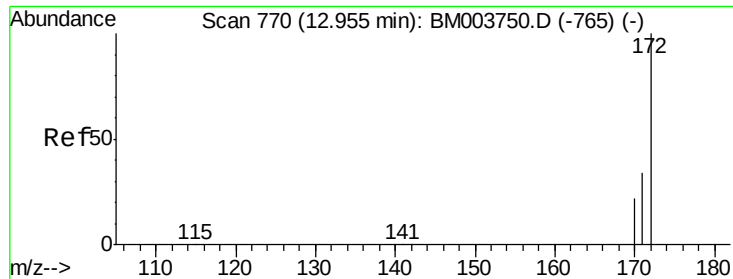


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

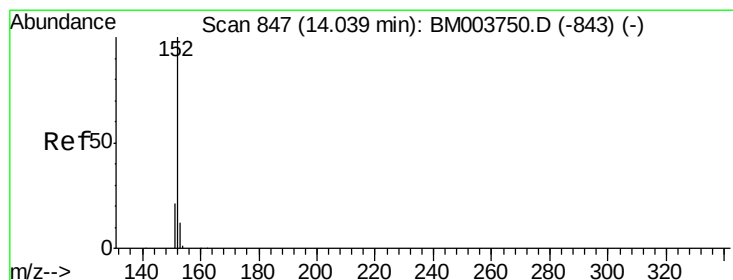
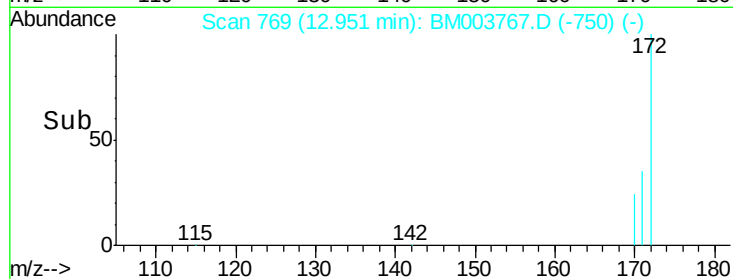
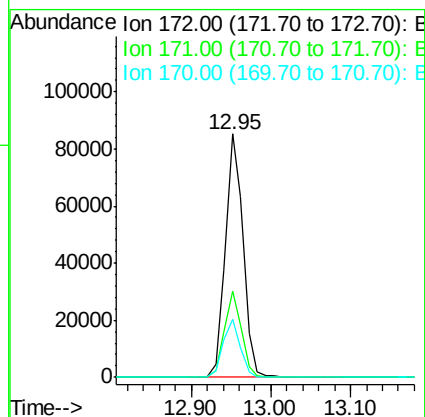
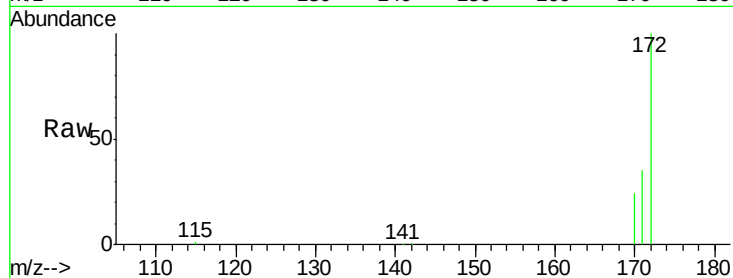




#15
2-Fluorobiphenyl
Concen: 3.90 ng
RT: 12.95 min Scan# 769
Delta R.T. -0.00 min
Lab File: BM003767.D
Acq: 24 Dec 2015 07:07

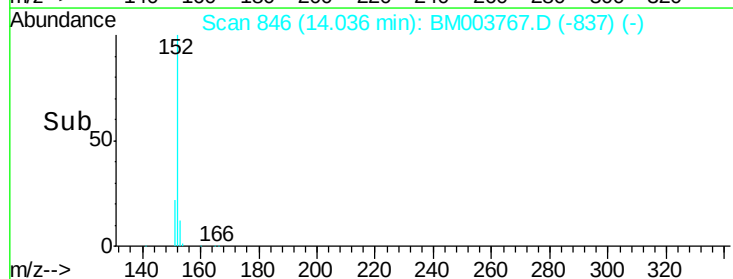
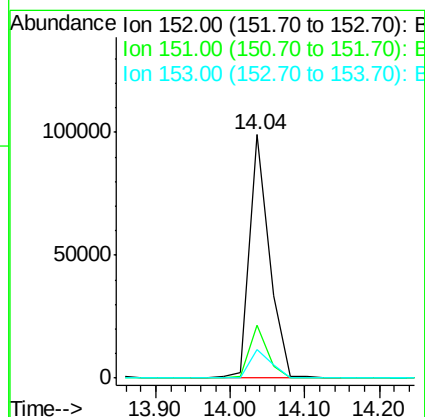
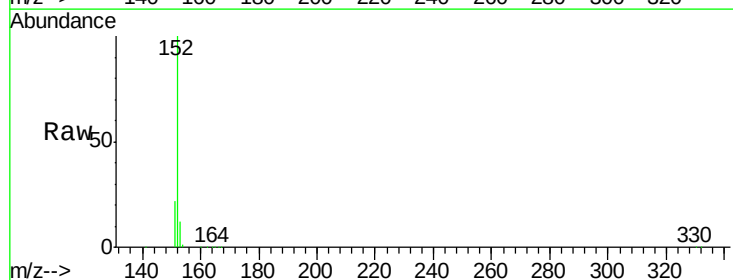
Instrument :
BNA_M
ClientSampleId :
PB87480BS

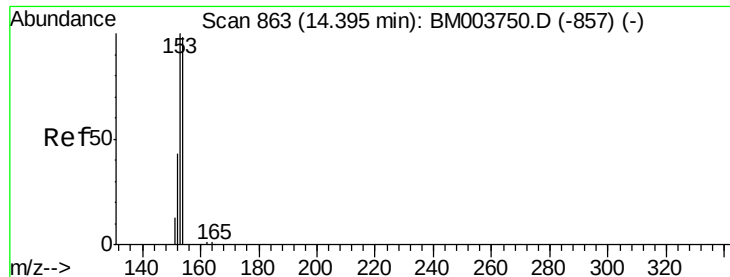
Tot Ion:172 Resp: 131240
Ion Ratio Lower Upper
172 100
171 35.3 27.0 40.6
170 23.8 17.9 26.9



#16
Acenaphthylene
Concen: 3.63 ng
RT: 14.04 min Scan# 846
Delta R.T. -0.00 min
Lab File: BM003767.D
Acq: 24 Dec 2015 07:07

Tgt Ion:152 Resp: 182054
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8
153 12.7 10.2 15.4





#17

Acenaphthene

Concen: 3.99 ng

RT: 14.39 min Scan# 862

Delta R.T. -0.00 min

Lab File: BM003767.D

Acq: 24 Dec 2015 07:07

Instrument :

BNA_M

ClientSampleId :

PB87480BS

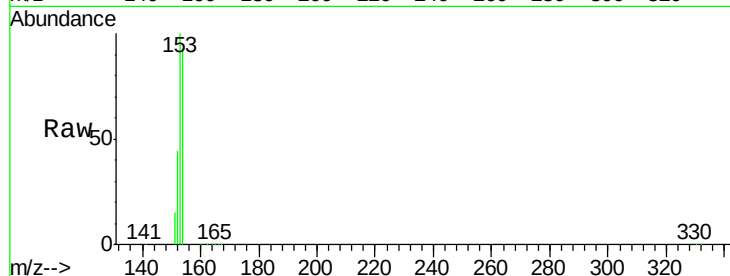
Tot Ion:154 Resp: 124427

Ion Ratio Lower Upper

154 100

153 102.5 85.4 128.2

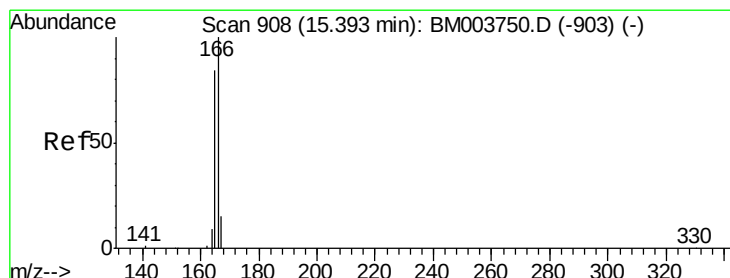
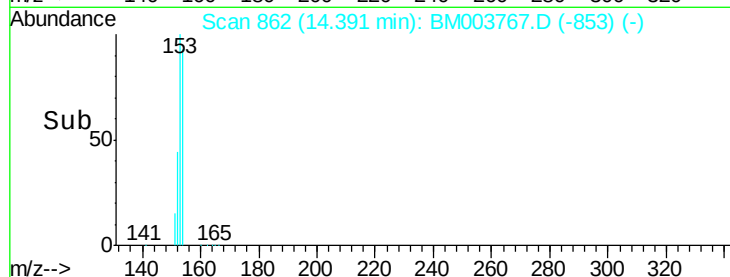
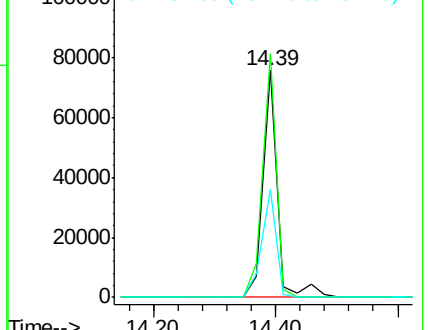
152 47.9 40.6 60.8



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: 4.02 ng

RT: 15.39 min Scan# 907

Delta R.T. -0.00 min

Lab File: BM003767.D

Acq: 24 Dec 2015 07:07

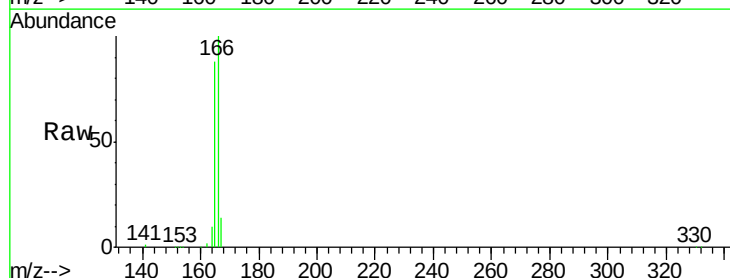
Tgt Ion:166 Resp: 147569

Ion Ratio Lower Upper

166 100

165 95.3 77.2 115.8

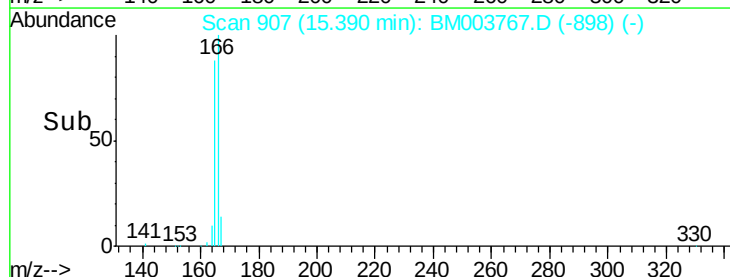
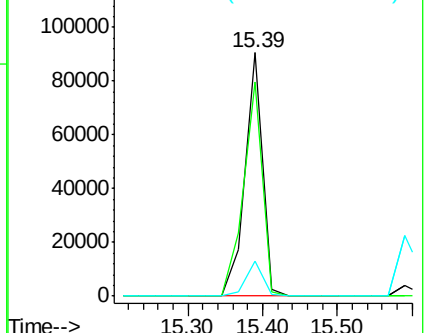
167 13.6 11.0 16.6

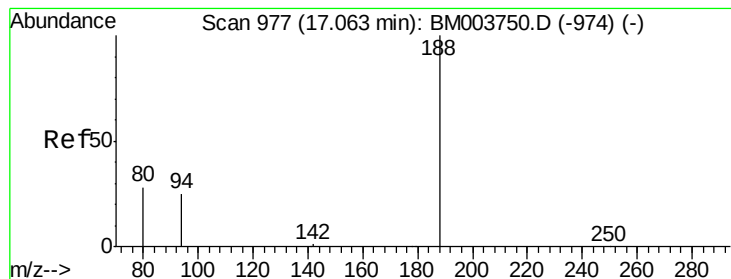


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.08 min Scan# 977

Delta R.T. 0.02 min

Lab File: BM003767.D

Acq: 24 Dec 2015 07:07

Instrument :

BNA_M

ClientSampleId :

PB87480BS

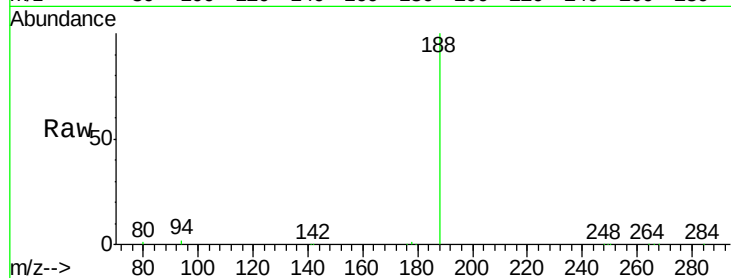
Tot Ion:188 Resp: 224085

Ion Ratio Lower Upper

188 100

94 1.9 20.3 30.5#

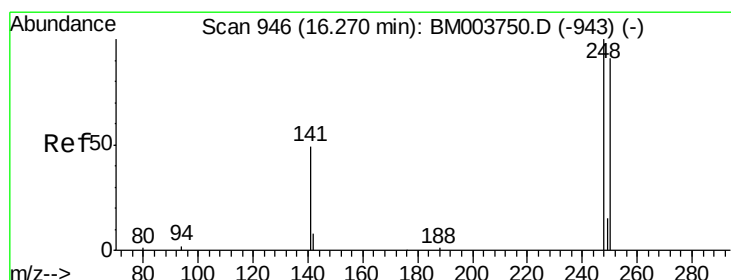
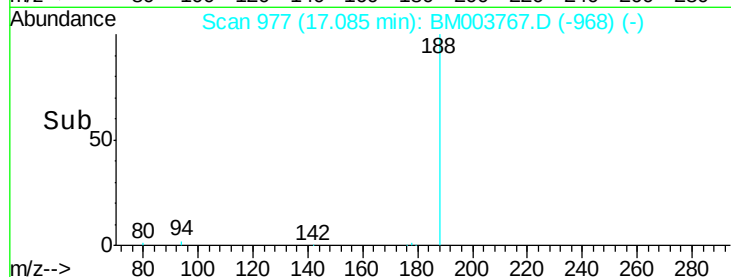
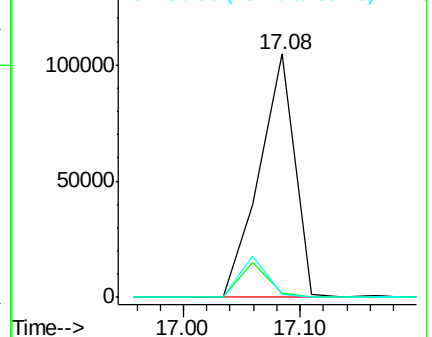
80 1.5 22.2 33.4#



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: 4.52 ng

RT: 16.27 min Scan# 945

Delta R.T. -0.00 min

Lab File: BM003767.D

Acq: 24 Dec 2015 07:07

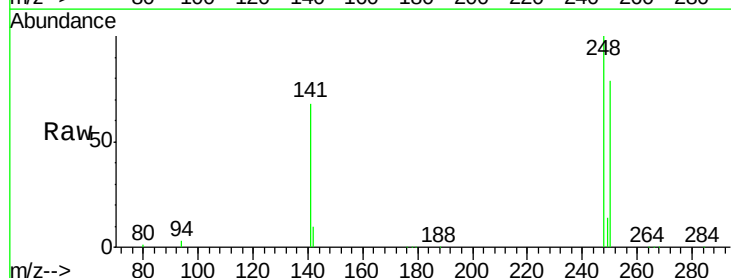
Tgt Ion:248 Resp: 45113

Ion Ratio Lower Upper

248 100

250 85.3 75.0 112.4

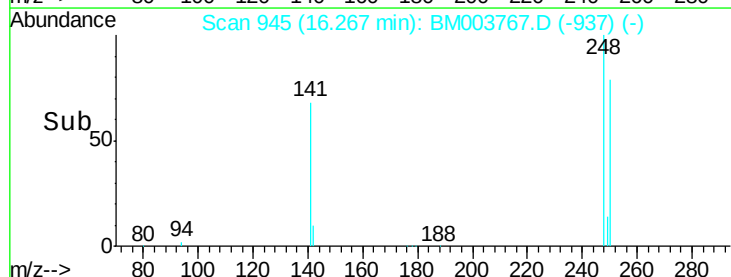
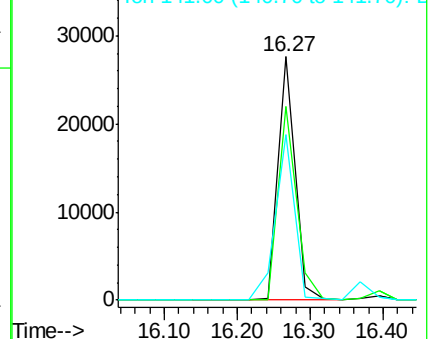
141 74.8 53.0 79.4

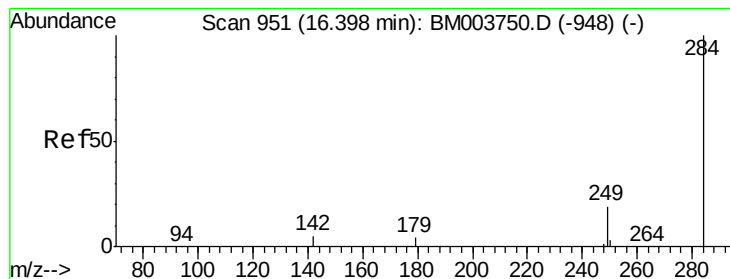


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 4.79 ng

RT: 16.39 min Scan# 950

Delta R.T. -0.00 min

Lab File: BM003767.D

Acq: 24 Dec 2015 07:07

Instrument :

BNA_M

ClientSampleId :

PB87480BS

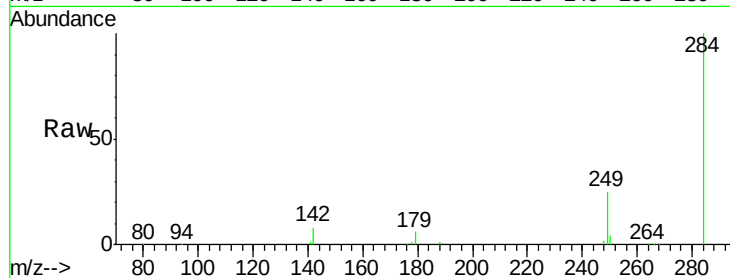
Tot Ion:284 Resp: 45392

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

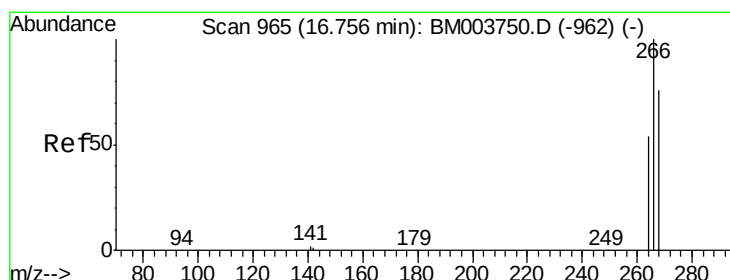
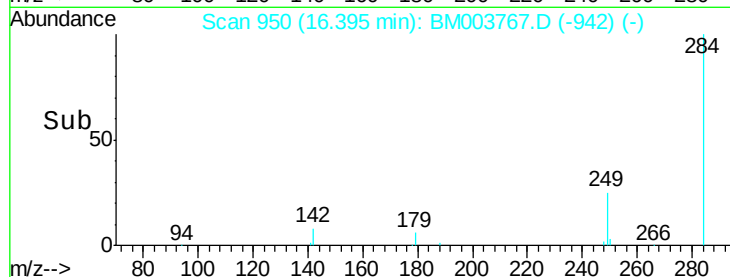
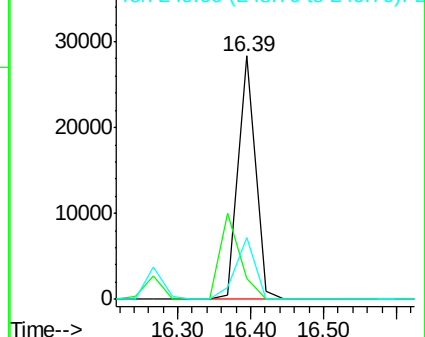
249 28.9 21.5 32.3



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: 6.37 ng

RT: 16.73 min Scan# 963

Delta R.T. -0.03 min

Lab File: BM003767.D

Acq: 24 Dec 2015 07:07

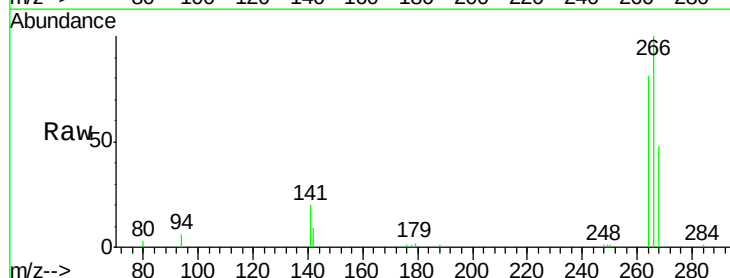
Tgt Ion:266 Resp: 30043

Ion Ratio Lower Upper

266 100

268 48.1 62.7 94.1#

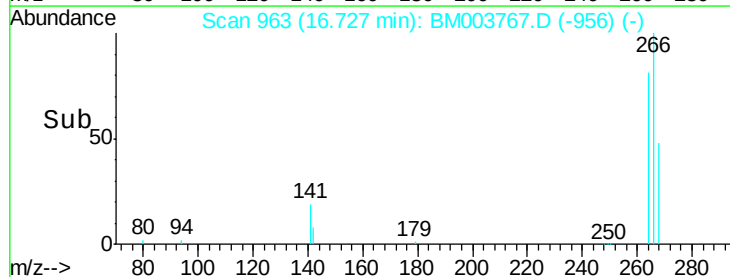
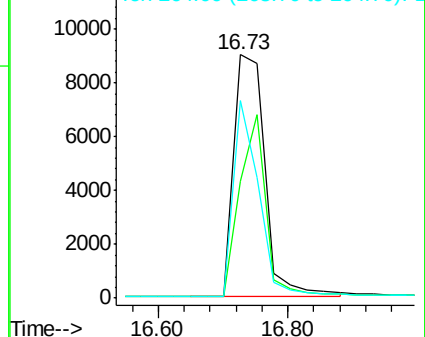
264 81.2 45.7 68.5#

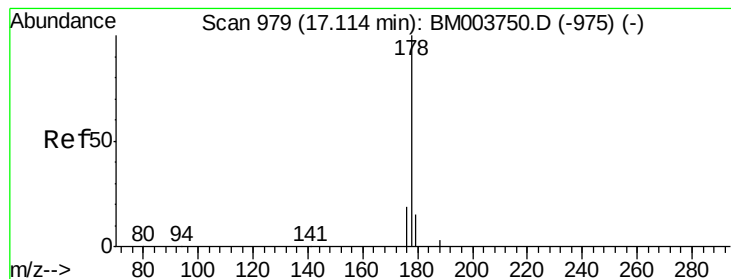


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: 4.58 ng

RT: 17.11 min Scan# 978

Delta R.T. -0.00 min

Lab File: BM003767.D

Acq: 24 Dec 2015 07:07

Instrument :

BNA_M

ClientSampleId :

PB87480BS

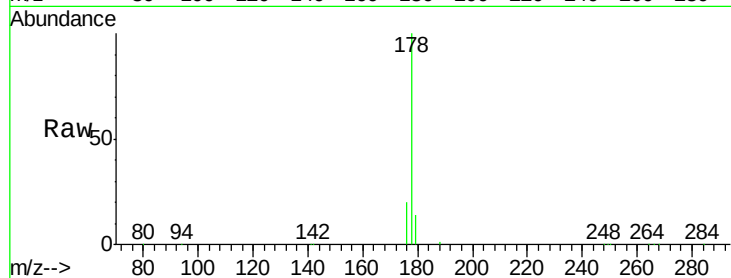
Tot Ion:178 Resp: 276910

Ion Ratio Lower Upper

178 100

176 20.0 15.4 23.0

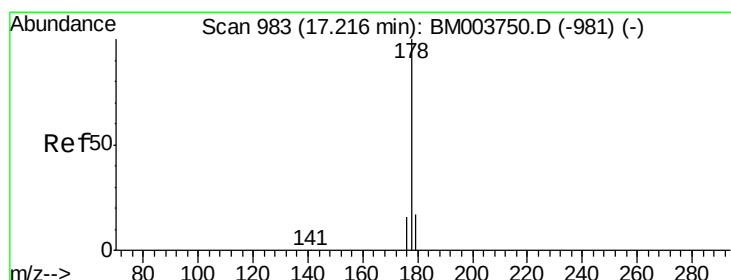
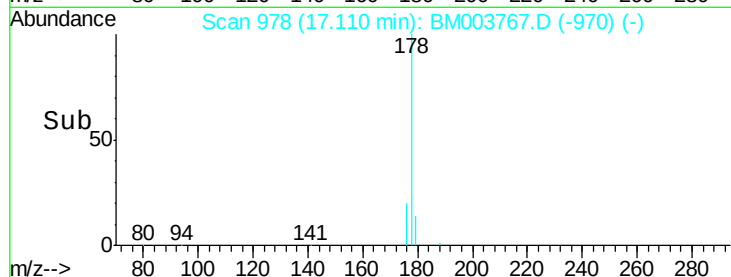
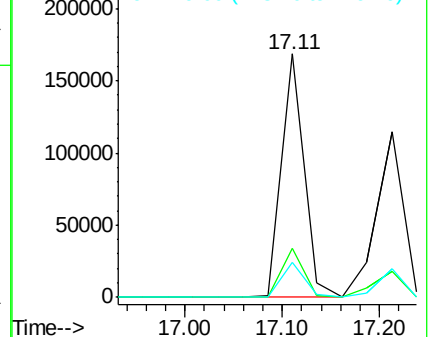
179 14.7 12.2 18.4



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: 3.94 ng

RT: 17.21 min Scan# 982

Delta R.T. -0.00 min

Lab File: BM003767.D

Acq: 24 Dec 2015 07:07

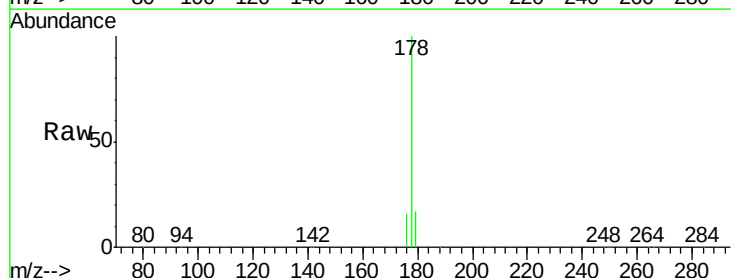
Tgt Ion:178 Resp: 217779

Ion Ratio Lower Upper

178 100

176 17.5 14.6 21.8

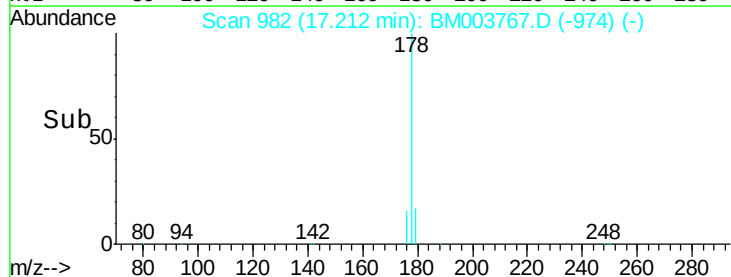
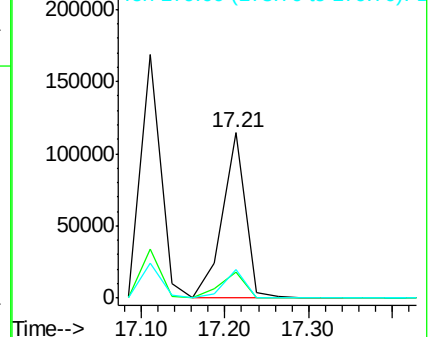
179 16.2 12.6 19.0

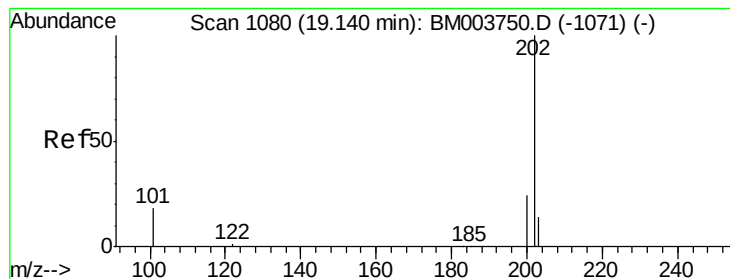


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 3.87 ng

RT: 19.14 min Scan# 1079

Delta R.T. 0.01 min

Lab File: BM003767.D

Acq: 24 Dec 2015 07:07

Instrument :

BNA_M

ClientSampleId :

PB87480BS

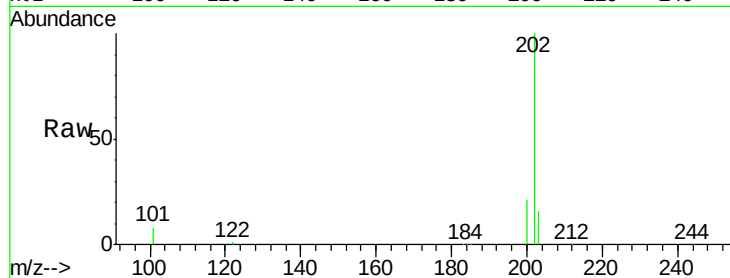
Tot Ion:202 Resp: 276891

Ion Ratio Lower Upper

202 100

101 11.7 9.7 14.5

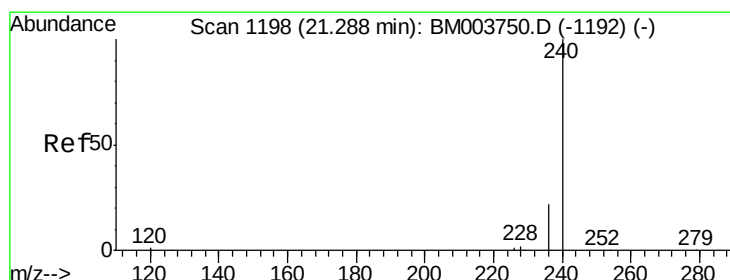
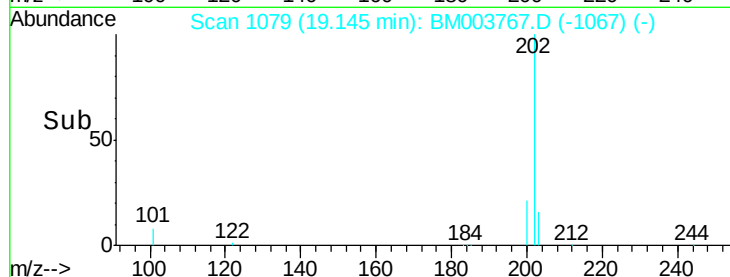
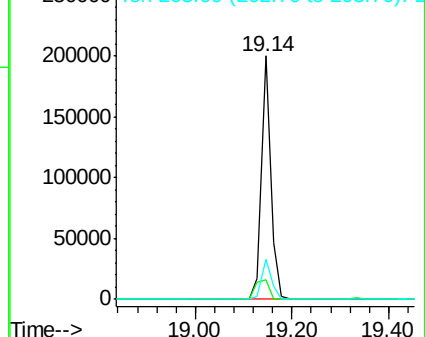
203 17.4 13.8 20.8



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# 1196

Delta R.T. -0.01 min

Lab File: BM003767.D

Acq: 24 Dec 2015 07:07

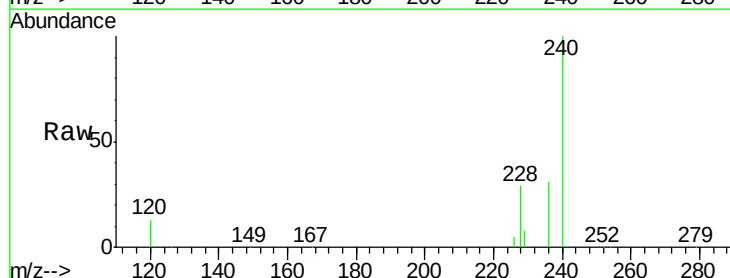
Tgt Ion:240 Resp: 247082

Ion Ratio Lower Upper

240 100

120 13.0 0.9 1.3#

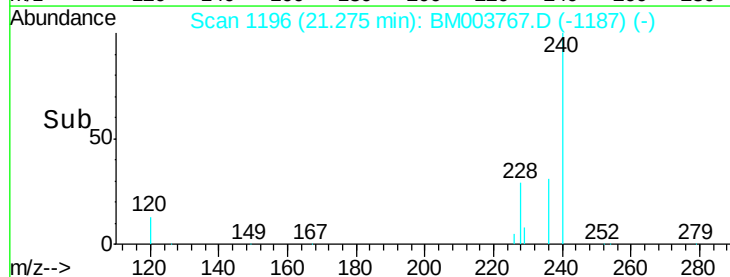
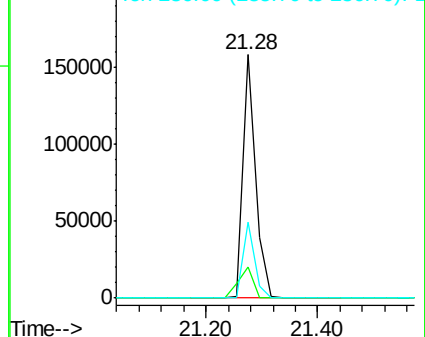
236 31.1 17.3 25.9#

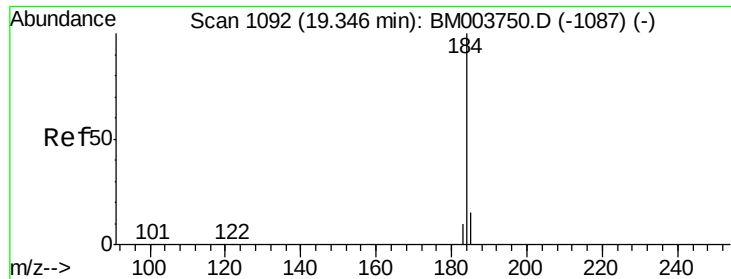


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 6.87 ng

RT: 19.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: BM003767.D

Acq: 24 Dec 2015 07:07

Instrument :

BNA_M

ClientSampleId :

PB87480BS

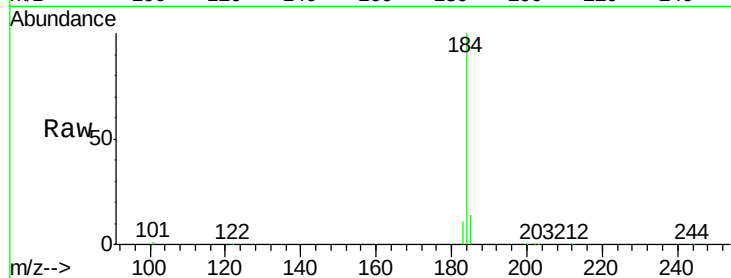
Tot Ion:184 Resp: 225371

Ion Ratio Lower Upper

184 100

185 14.1 13.2 19.8

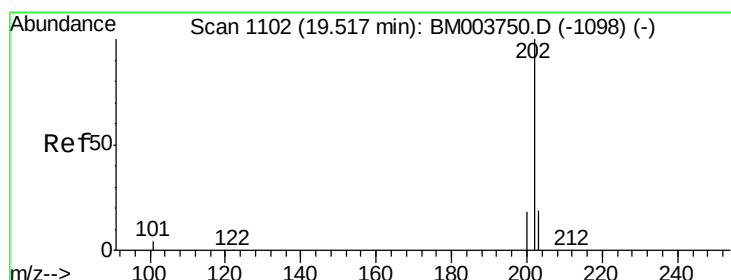
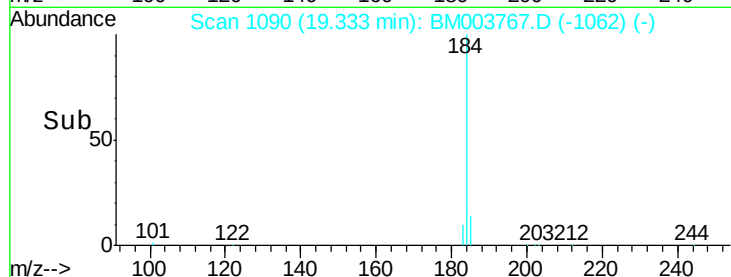
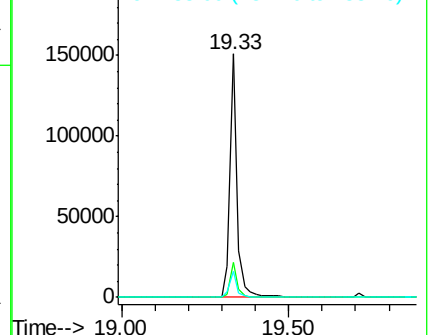
183 10.5 9.0 13.6



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: 3.59 ng

RT: 19.50 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BM003767.D

Acq: 24 Dec 2015 07:07

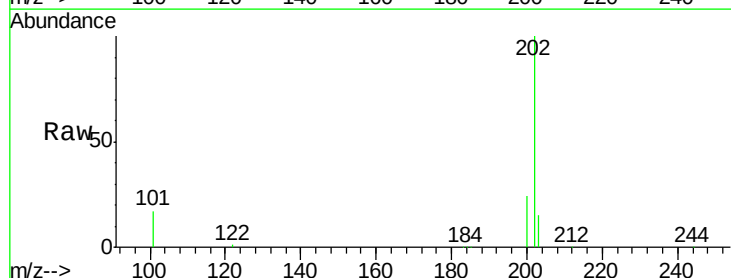
Tgt Ion:202 Resp: 294507

Ion Ratio Lower Upper

202 100

200 21.1 16.6 24.8

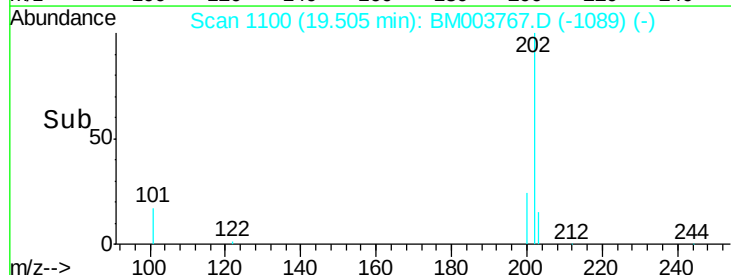
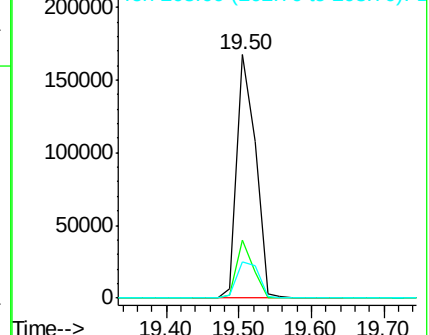
203 17.8 14.0 21.0

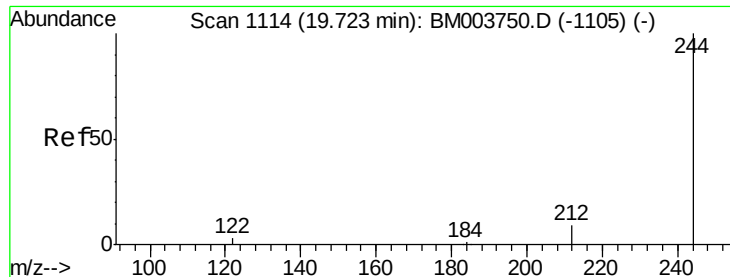


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.54 ng

RT: 19.73 min Scan# 1113

Delta R.T. 0.01 min

Lab File: BM003767.D

Acq: 24 Dec 2015 07:07

Instrument :

BNA_M

ClientSampleId :

PB87480BS

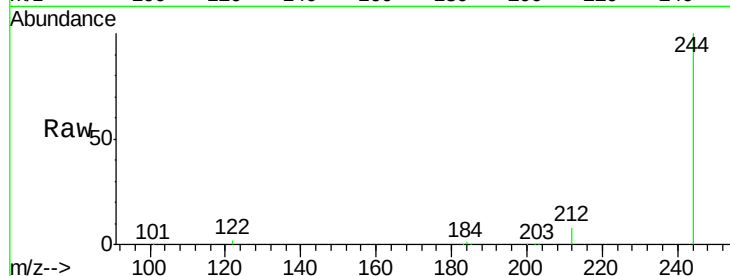
Tot Ion:244 Resp: 139209

Ion Ratio Lower Upper

244 100

212 8.2 7.0 10.6

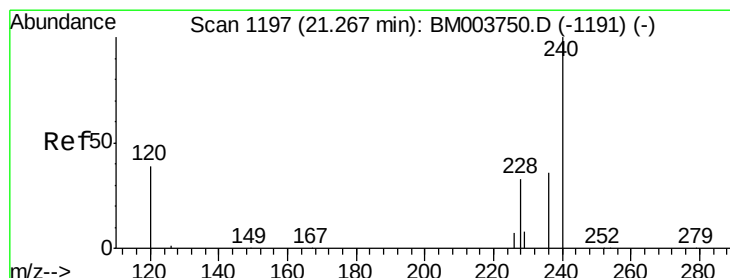
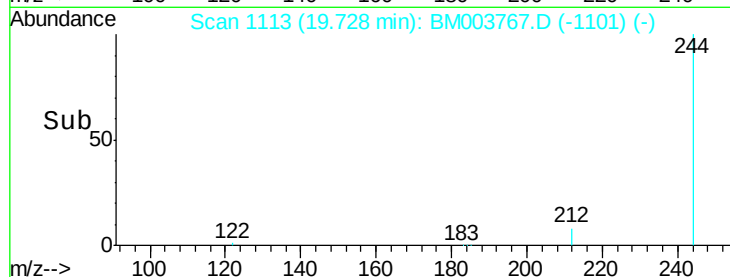
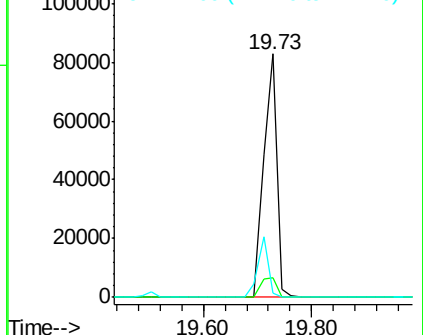
122 1.7 3.0 4.6#



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: 3.98 ng

RT: 21.25 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BM003767.D

Acq: 24 Dec 2015 07:07

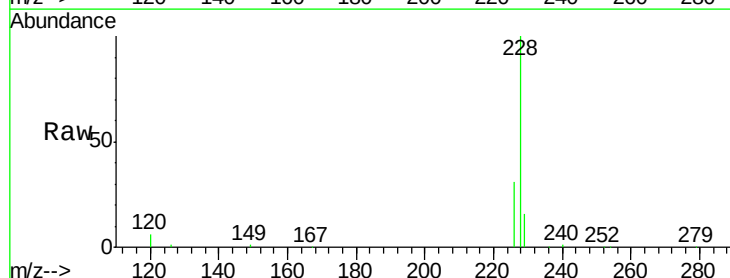
Tgt Ion:228 Resp: 294928

Ion Ratio Lower Upper

228 100

226 31.4 17.2 25.8#

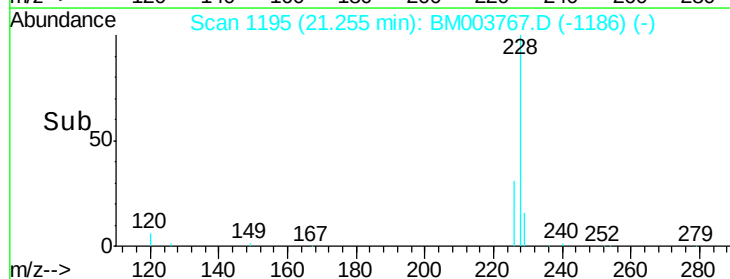
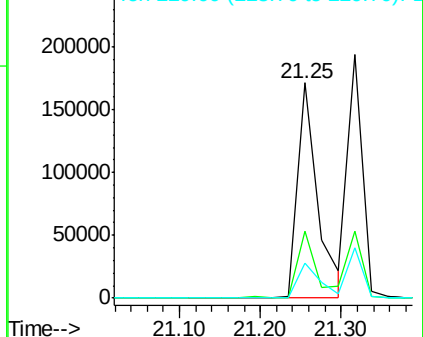
229 16.5 18.7 28.1#

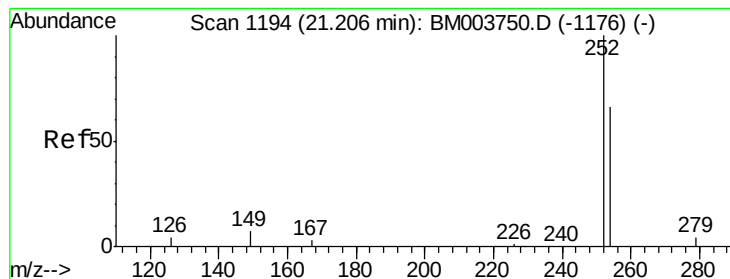


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

3,3'-Dichlorobenzidine

Concen: 3.46 ng

RT: 21.21 min Scan# 1193

Delta R.T. 0.01 min

Lab File: BM003767.D

Acq: 24 Dec 2015 07:07

Instrument :

BNA_M

ClientSampleId :

PB87480BS

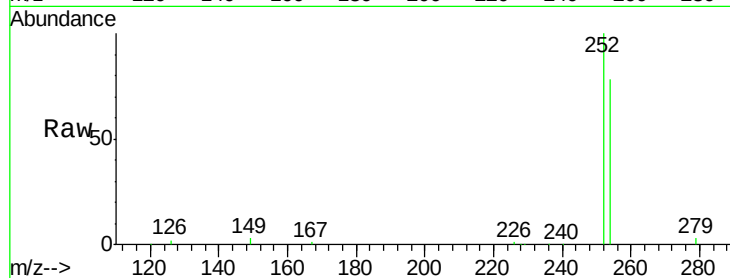
Tot Ion:252 Resp: 85314

Ion Ratio Lower Upper

252 100

254 78.2 52.6 79.0

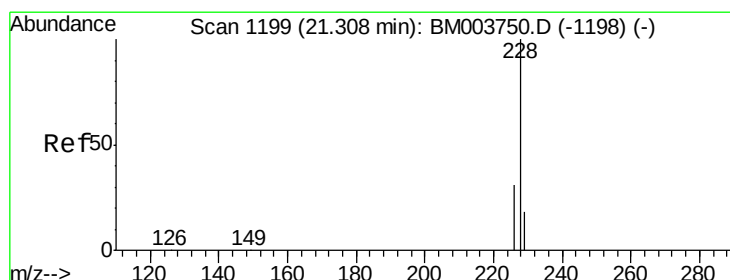
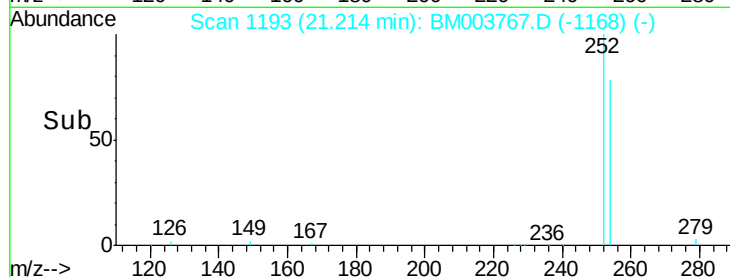
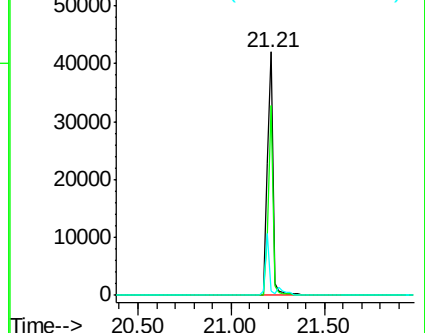
126 1.8 3.7 5.5#



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: 3.63 ng

RT: 21.32 min Scan# 1198

Delta R.T. 0.01 min

Lab File: BM003767.D

Acq: 24 Dec 2015 07:07

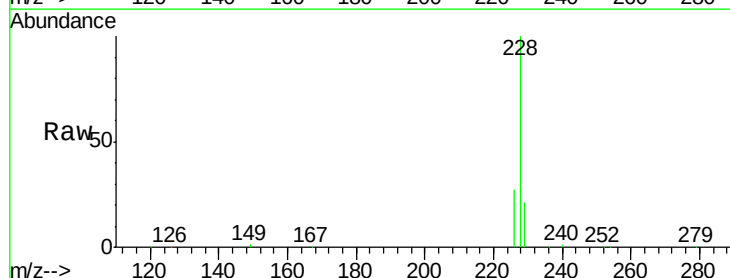
Tgt Ion:228 Resp: 246312

Ion Ratio Lower Upper

228 100

226 27.4 25.3 37.9

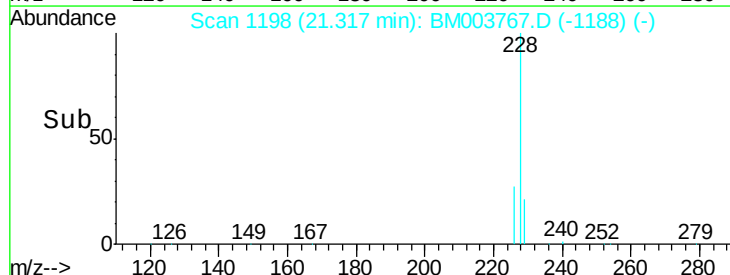
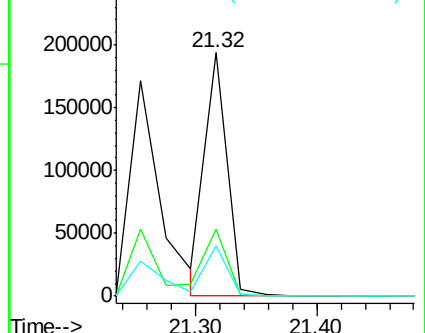
229 20.7 14.5 21.7

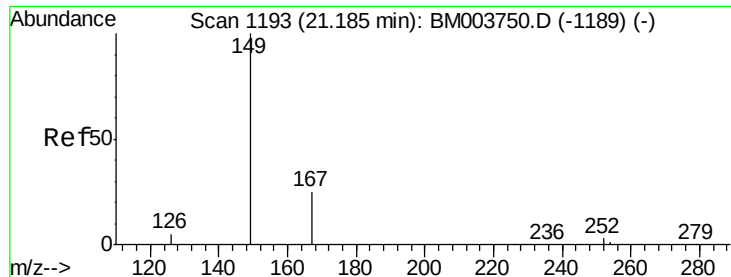


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Bis(2-ethylhexyl)phthalate

Concen: 3.42 ng

RT: 21.19 min Scan# 1192

Delta R.T. 0.01 min

Lab File: BM003767.D

Acq: 24 Dec 2015 07:07

Instrument :

BNA_M

ClientSampleId :

PB87480BS

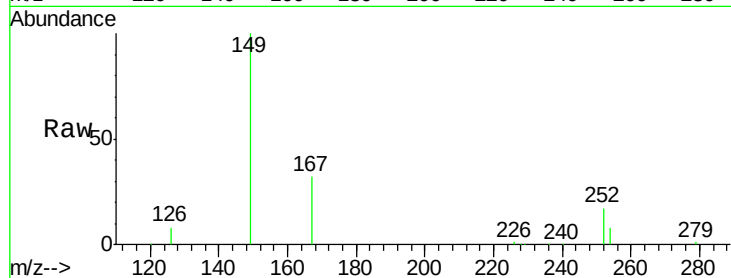
Tot Ion:149 Resp: 181302

Ion Ratio Lower Upper

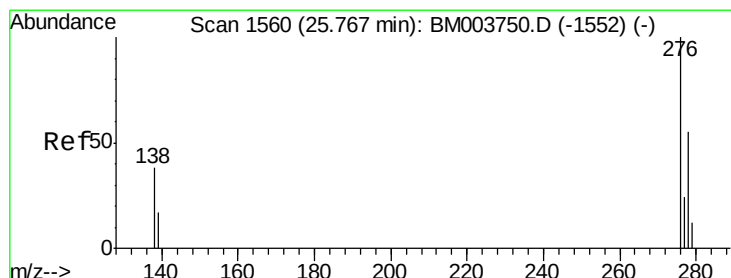
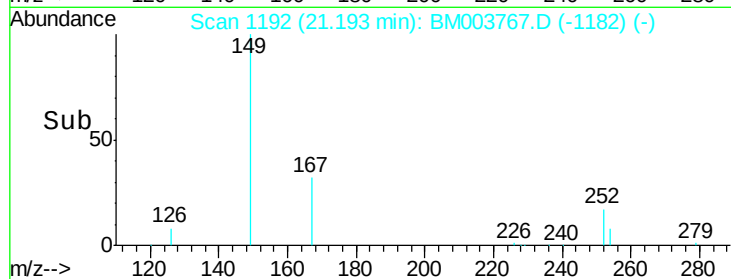
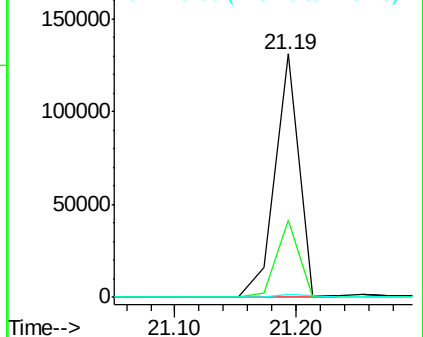
149 100

167 30.0 20.1 30.1

279 1.7 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: 4.39 ng

RT: 25.78 min Scan# 1560

Delta R.T. 0.01 min

Lab File: BM003767.D

Acq: 24 Dec 2015 07:07

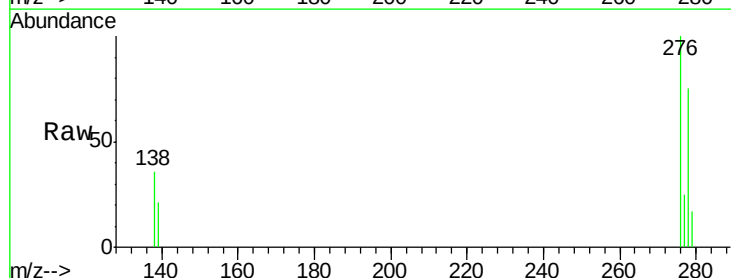
Tgt Ion:276 Resp: 229516

Ion Ratio Lower Upper

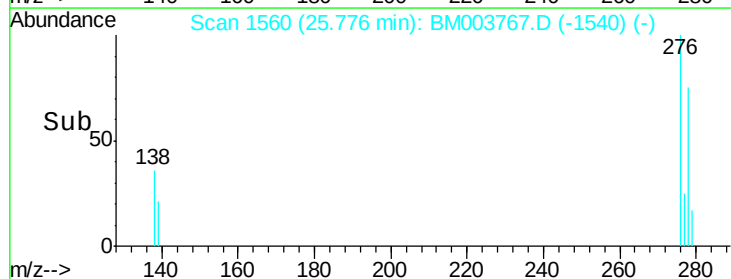
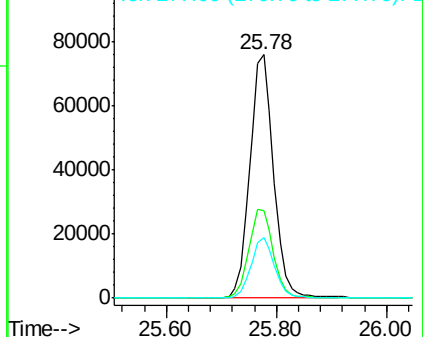
276 100

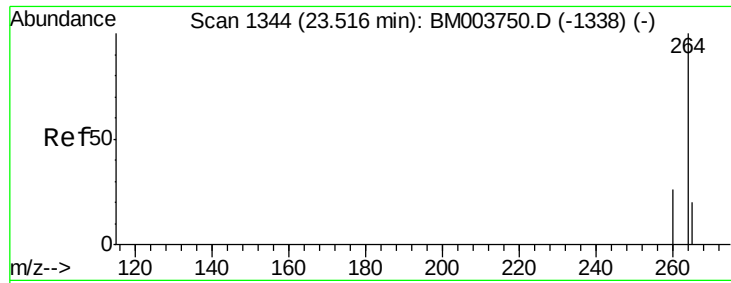
138 37.5 30.2 45.2

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

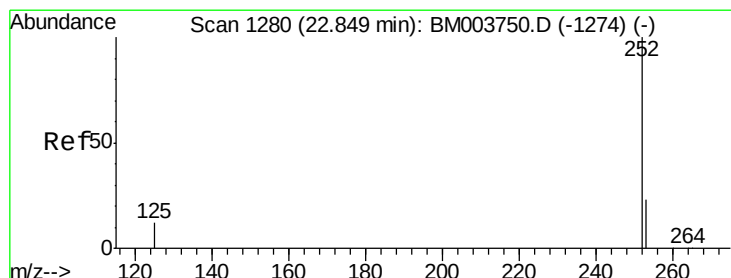
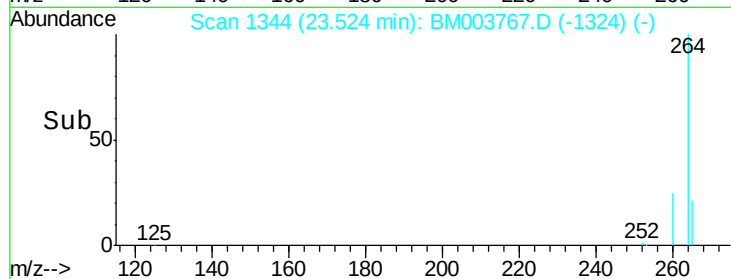
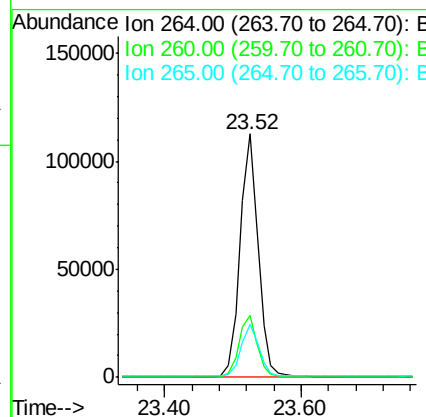
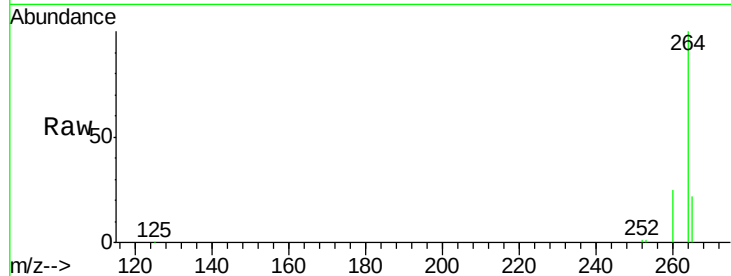




#35
Pervlene-d12
Concen: 5.00 ng
RT: 23.52 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BM003767.D
Acq: 24 Dec 2015 07:07

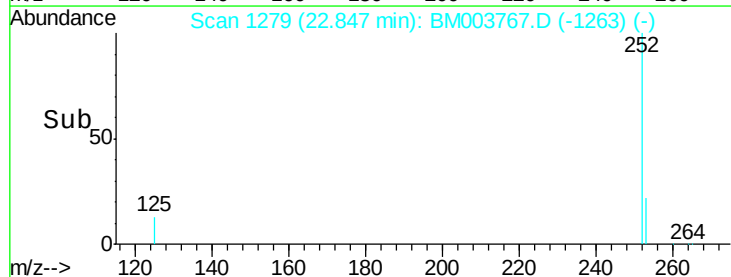
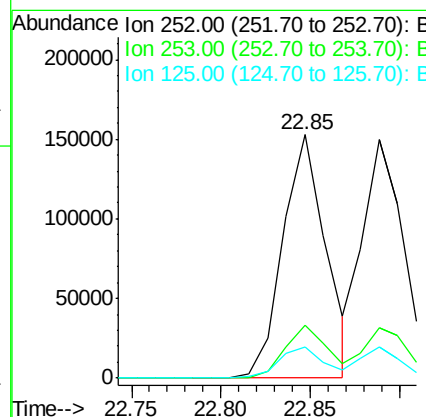
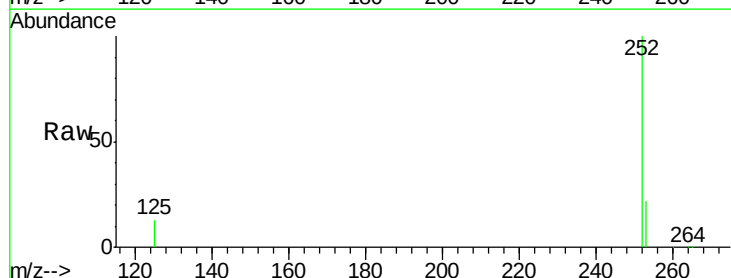
Instrument :
BNA_M
ClientSampleId :
PB87480BS

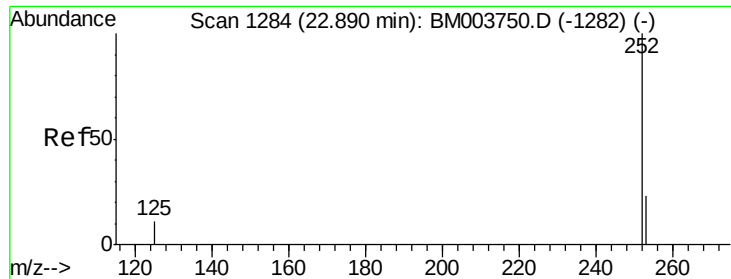
Tot Ion:264 Resp: 210729
Ion Ratio Lower Upper
264 100
260 25.2 21.2 31.8
265 21.7 16.7 25.1



#36
Benzo(b)fluoranthene
Concen: 3.71 ng
RT: 22.85 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BM003767.D
Acq: 24 Dec 2015 07:07

Tgt Ion:252 Resp: 255520
Ion Ratio Lower Upper
252 100
253 21.8 18.8 28.2
125 13.0 10.2 15.4

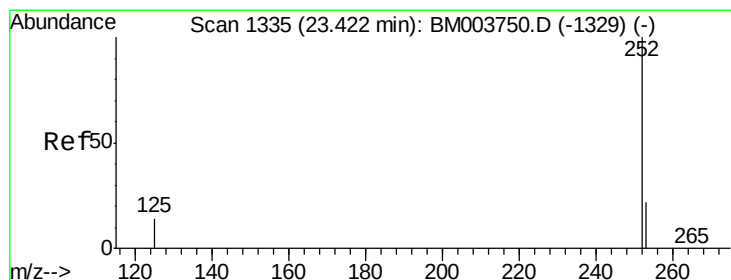
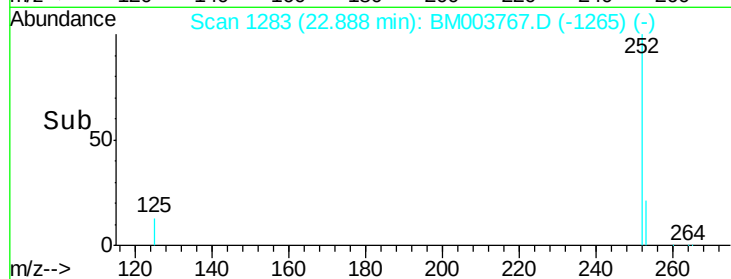
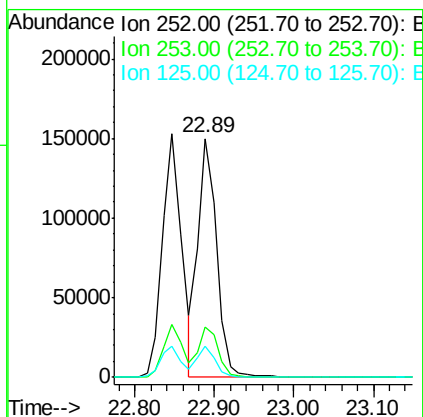
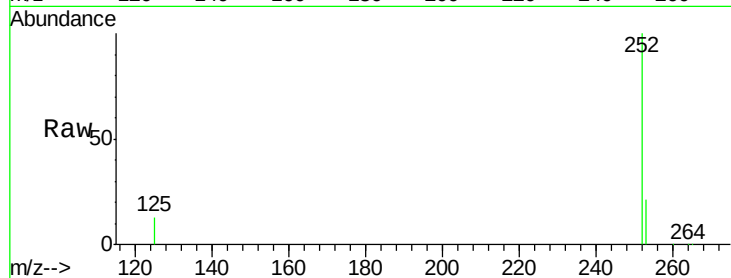




#37
Benzo(k)fluoranthene
Concen: 3.83 ng
RT: 22.89 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BM003767.D
Acq: 24 Dec 2015 07:07

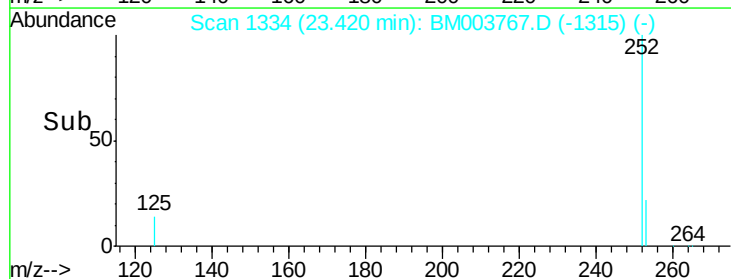
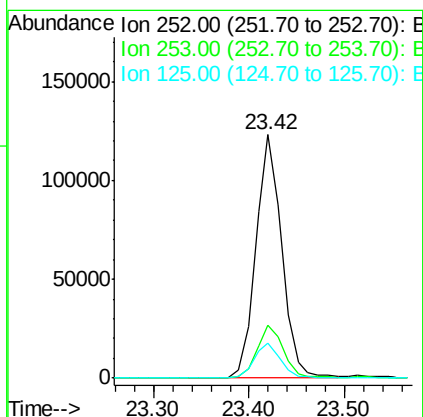
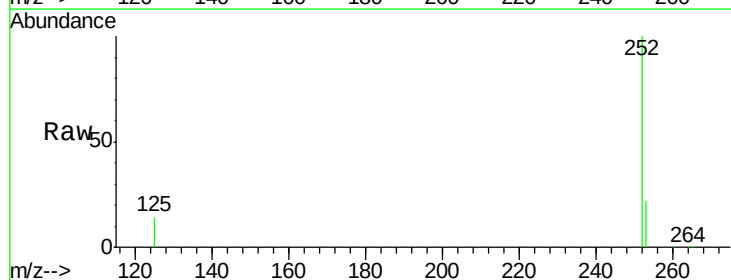
Instrument :
BNA_M
ClientSampleId :
PB87480BS

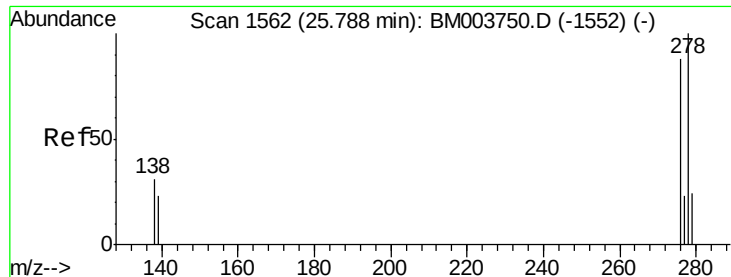
Tot Ion:252 Resp: 242908
Ion Ratio Lower Upper
252 100
253 21.0 18.3 27.5
125 13.3 10.6 15.8



#38
Benzo(a)pyrene
Concen: 3.93 ng
RT: 23.42 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BM003767.D
Acq: 24 Dec 2015 07:07

Tgt Ion:252 Resp: 231800
Ion Ratio Lower Upper
252 100
253 21.8 18.7 28.1
125 14.4 11.8 17.8





#39

Dibenzo(a,h)anthracene

Concen: 4.03 ng

RT: 25.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: BM003767.D

Acq: 24 Dec 2015 07:07

Instrument :

BNA_M

ClientSampleId :

PB87480BS

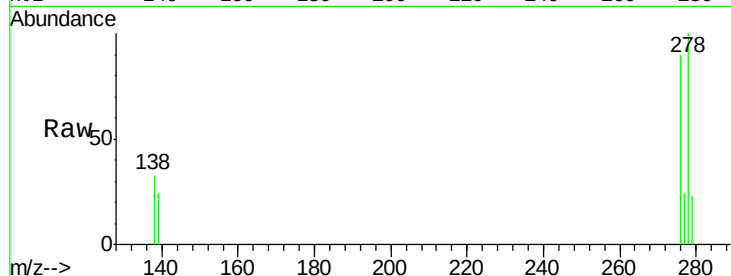
Tot Ion:278 Resp: 186247

Ion Ratio Lower Upper

278 100

139 24.2 19.0 28.6

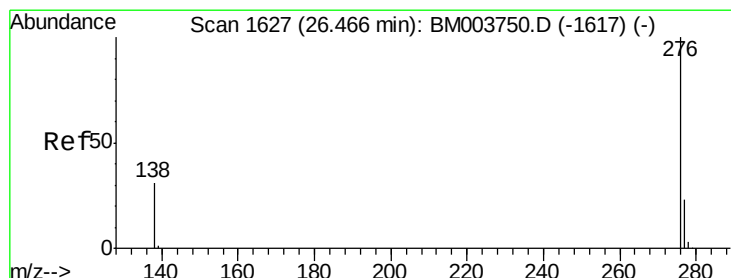
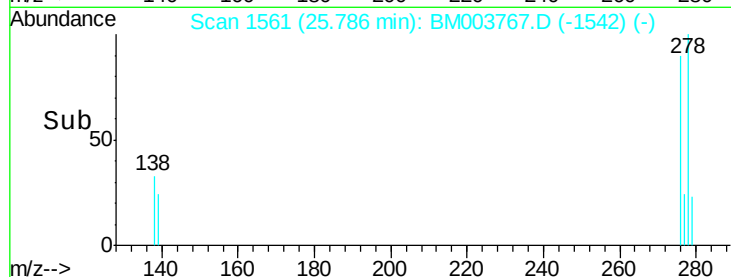
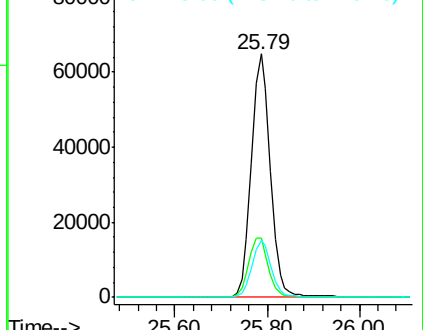
279 23.4 19.6 29.4



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: 3.94 ng

RT: 26.46 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BM003767.D

Acq: 24 Dec 2015 07:07

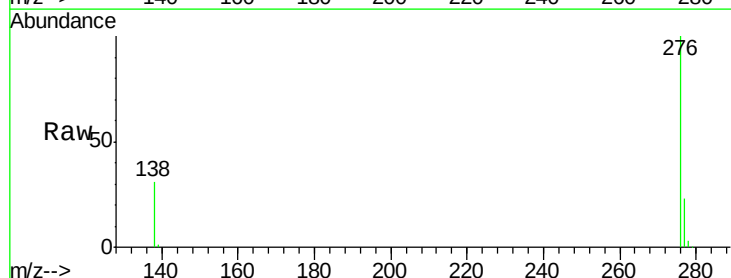
Tgt Ion:276 Resp: 190437

Ion Ratio Lower Upper

276 100

277 23.4 19.1 28.7

138 31.4 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

