

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122415\
 Data File : BM003758.D
 Acq On : 24 Dec 2015 01:37
 Operator : UM/SJ
 Sample : PB87313BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 24 03:00:35 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	48133	5.00	ng	0.00
7) Naphthalene-d8	10.48	136	209456	5.00	ng	0.00
13) Acenaphthene-d10	14.33	164	119411	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	213252	5.00	ng	0.00
26) Chrysene-d12	21.29	240	206733	5.00	ng	0.00
35) Perylene-d12	23.52	264	164158	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	72243	6.58	ng	0.00
5) Phenol-d6	6.87	99	94657	7.01	ng	0.00
8) Nitrobenzene-d5	8.85	82	41639	3.87	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	24699	7.35	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	138761	3.99	ng	0.00
29) Terphenyl-d14	19.72	244	135925	4.15	ng	0.00

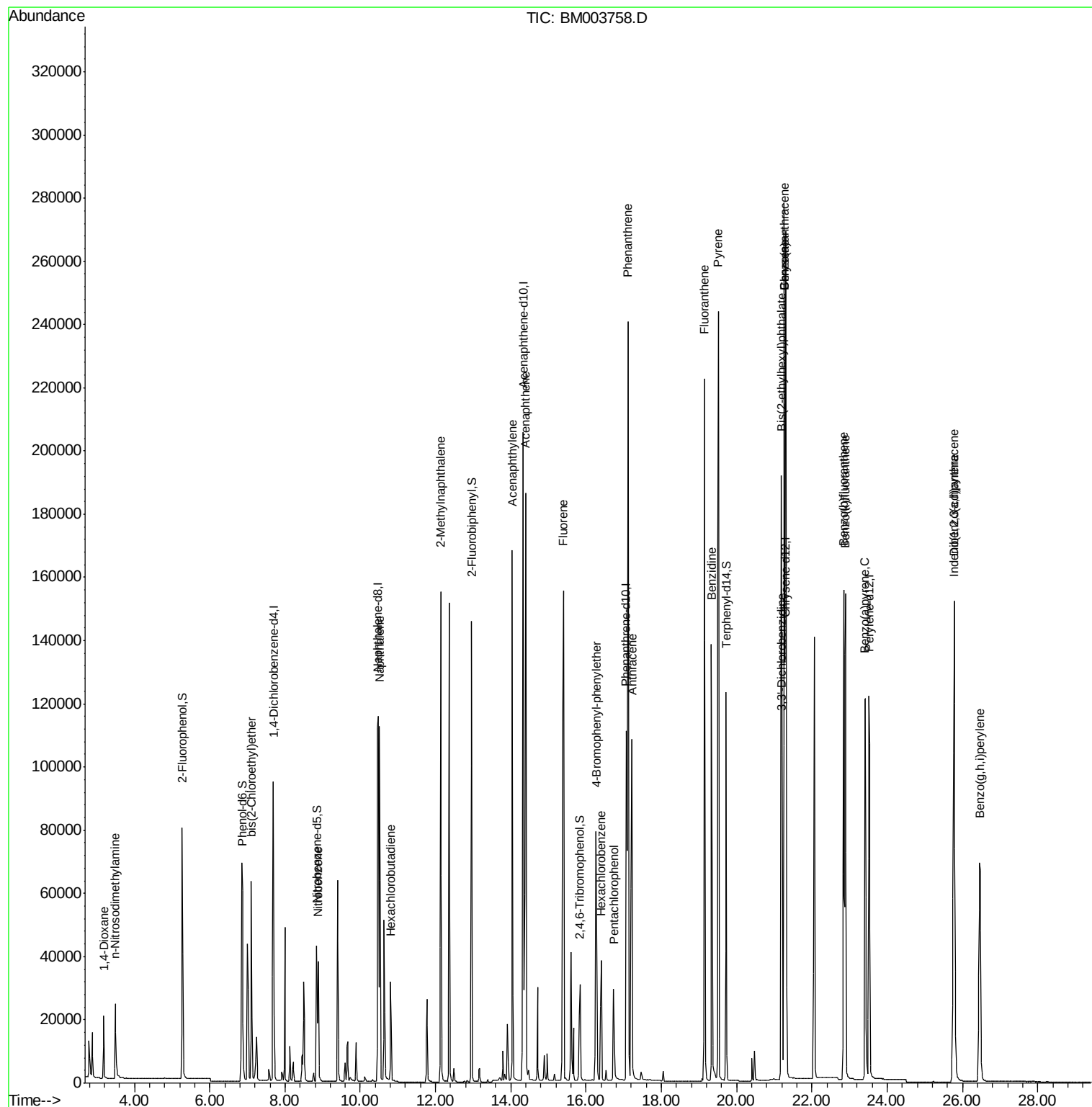
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.18	88	15437	3.51	ng	97
3) n-Nitrosodimethylamine	3.49	42	17917	3.62	ng	97
6) bis(2-Chloroethyl)ether	7.11	93	43577	3.65	ng	99
9) Nitrobenzene	8.88	77	44673	3.64	ng	98
10) Naphthalene	10.51	128	165486	3.60	ng	99
11) Hexachlorobutadiene	10.80	225	25037	3.53	ng	99
12) 2-Methylnaphthalene	12.14	142	119543	3.90	ng	97
16) Acenaphthylene	14.04	152	203373	3.86	ng	100
17) Acenaphthene	14.39	154	124892	3.77	ng	97
18) Fluorene	15.39	166	143426	3.60	ng	99
20) 4-Bromophenyl-phenylether	16.27	248	48226	4.95	ng	98
21) Hexachlorobenzene	16.40	284	46547	5.09	ng	# 100
22) Pentachlorophenol	16.73	266	28650	6.39	ng	# 72
23) Phenanthrene	17.11	178	288303	4.26	ng	99
24) Anthracene	17.22	178	196274	3.93	ng	100
25) Fluoranthene	19.14	202	262461	4.02	ng	100
27) Benzidine	19.33	184	200828	7.61	ng	# 93
28) Pyrene	19.52	202	281820	4.14	ng	99
30) Benzo(a)anthracene	21.27	228	223477	3.62	ng	100
31) 3,3'-Dichlorobenzidine	21.21	252	80576	3.90	ng	# 98
32) Chrysene	21.27	228	223476	3.71	ng	# 84
33) Bis(2-ethylhexyl)phthalate	21.19	149	182436	4.08	ng	# 100
34) Indeno(1,2,3-cd)pyrene	25.77	276	167994	3.82	ng	100
36) Benzo(b)fluoranthene	22.84	252	223627	4.36	ng	95
37) Benzo(k)fluoranthene	22.89	252	179043	3.78	ng	99
38) Benzo(a)pyrene	23.41	252	179956	4.08	ng	96
39) Dibenzo(a,h)anthracene	25.78	278	135662	3.94	ng	96
40) Benzo(g,h,i)perylene	26.46	276	138449	3.86	ng	97

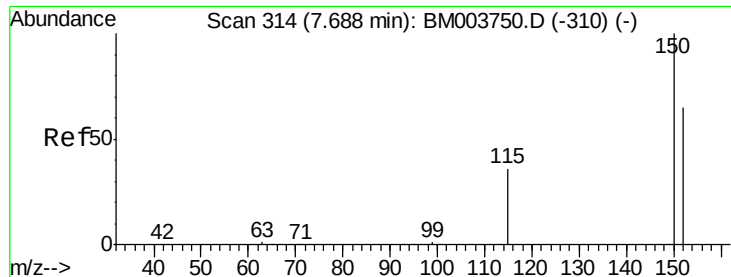
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122415\
Data File : BM003758.D
Acq On : 24 Dec 2015 01:37
Operator : UM/SJ
Sample : PB87313BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 24 03:00:35 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



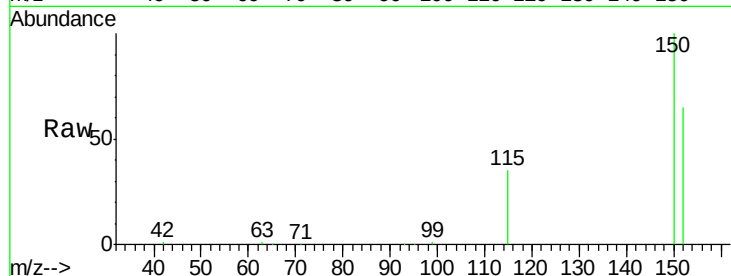


#1

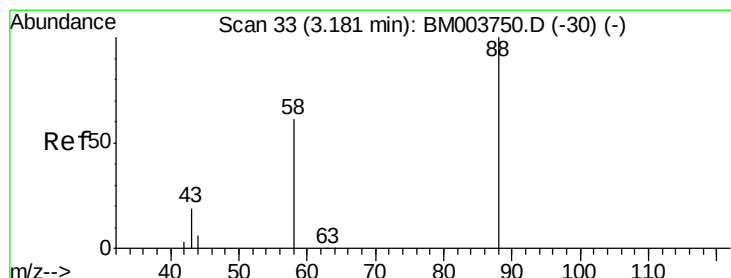
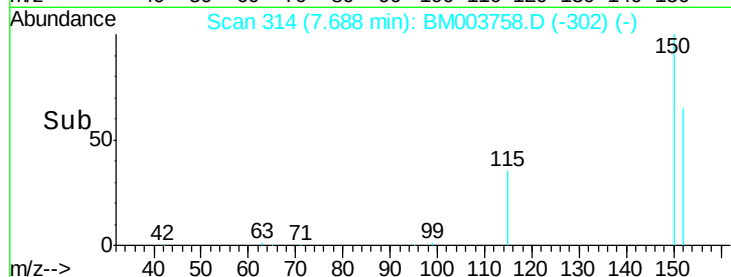
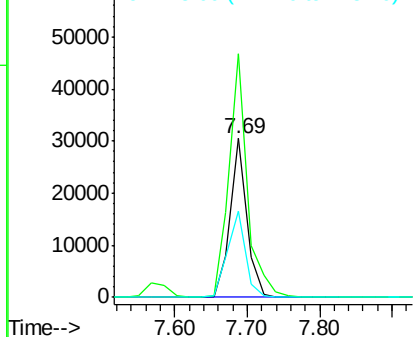
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.69 min Scan# 314
Delta R.T. 0.00 min
Lab File: BM003758.D
Acq: 24 Dec 2015 01:37

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 48133
Ion Ratio Lower Upper
152 100
150 153.2 122.9 184.3
115 54.1 44.4 66.6



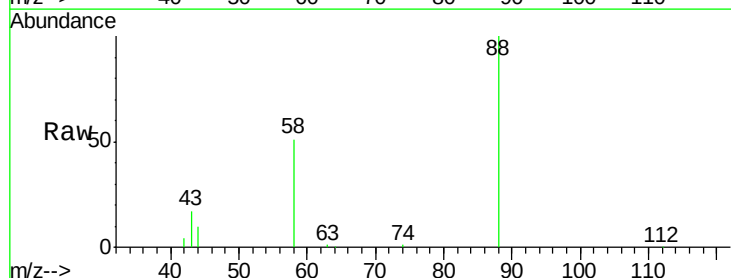
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



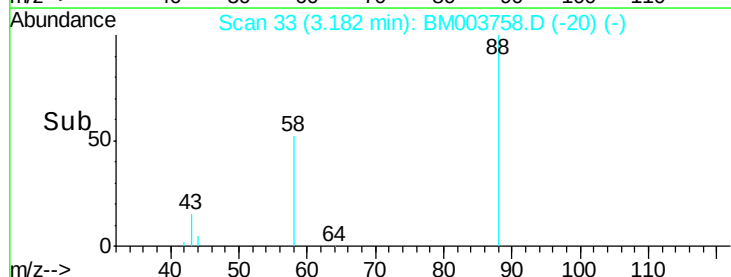
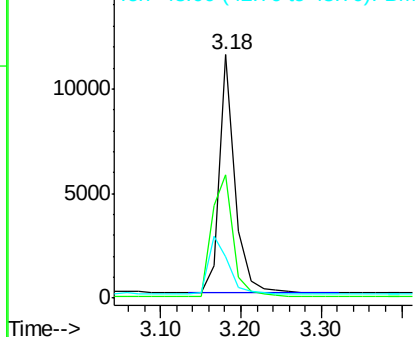
#2

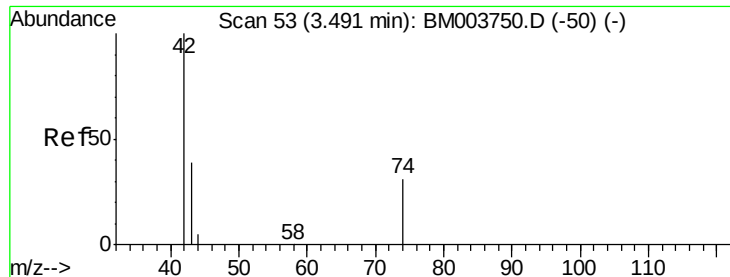
1,4-Dioxane
Concen: 3.51 ng
RT: 3.18 min Scan# 33
Delta R.T. 0.00 min
Lab File: BM003758.D
Acq: 24 Dec 2015 01:37

Tgt Ion: 88 Resp: 15437
Ion Ratio Lower Upper
88 100
58 70.1 53.8 80.6
43 30.3 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: 3.62 ng

RT: 3.49 min Scan# 53

Delta R.T. 0.00 min

Lab File: BM003758.D

Acq: 24 Dec 2015 01:37

Instrument :

BNA_M

ClientSampleId :

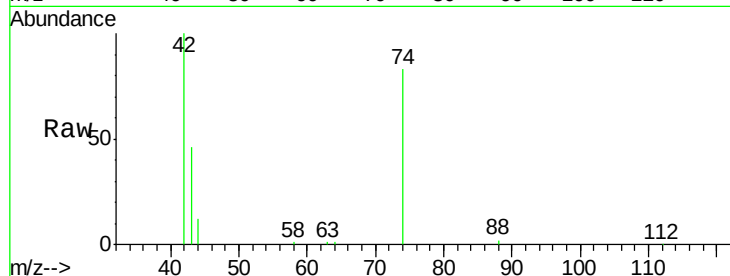
Tot Ion: 42 Resp: 17917

Ion Ratio Lower Upper

42 100

74 122.4 95.0 142.4

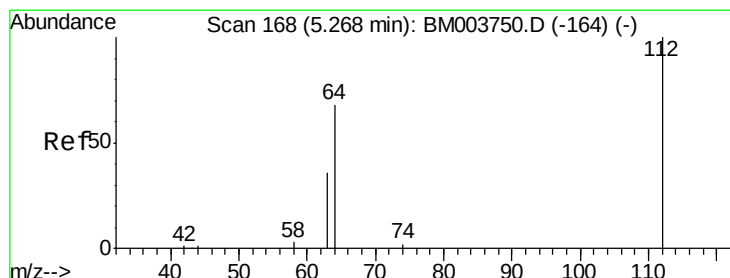
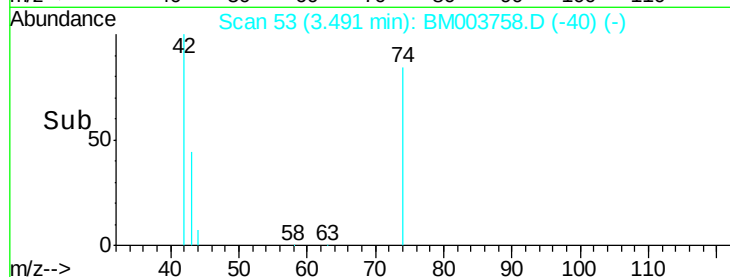
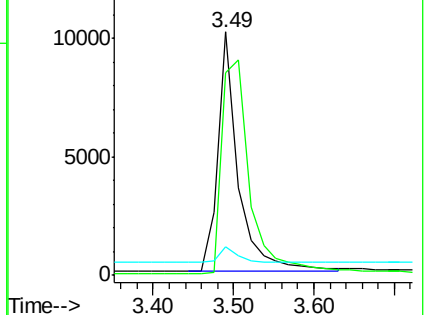
44 6.5 5.1 7.7



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: 6.58 ng

RT: 5.27 min Scan# 168

Delta R.T. 0.00 min

Lab File: BM003758.D

Acq: 24 Dec 2015 01:37

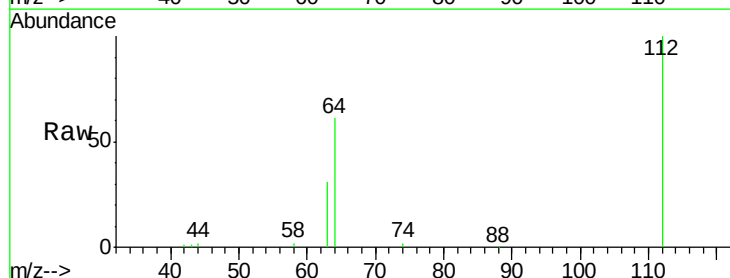
Tgt Ion: 112 Resp: 72243

Ion Ratio Lower Upper

112 100

64 52.2 41.8 62.8

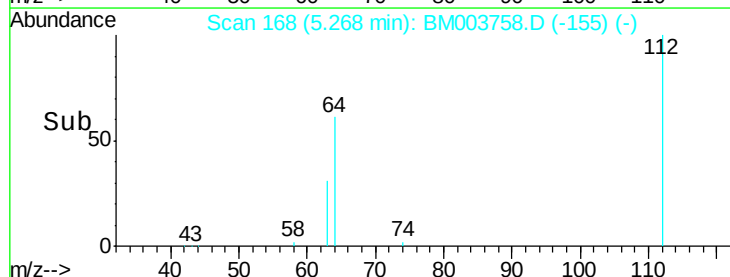
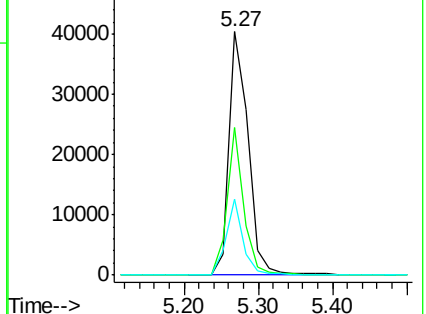
63 27.3 22.1 33.1

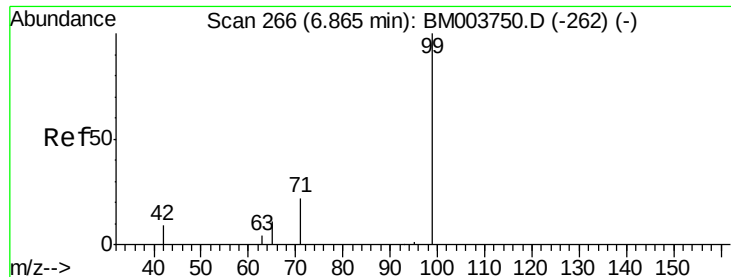


Abundance Ion 112.00 (111.70 to 112.70): BM003750.D (-164) (-)

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: 7.01 ng

RT: 6.87 min Scan# 266

Delta R.T. 0.00 min

Lab File: BM003758.D

Acq: 24 Dec 2015 01:37

Instrument :

BNA_M

ClientSampled :

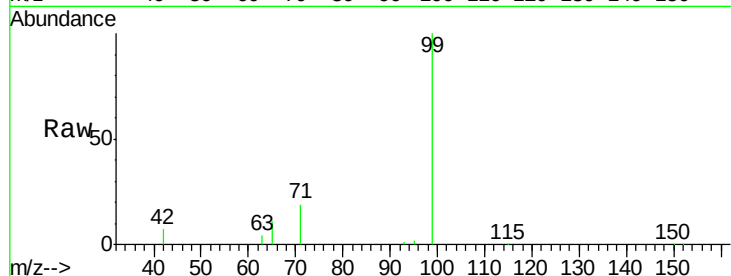
Tot Ion: 99 Resp: 94657

Ion Ratio Lower Upper

99 100

42 19.0 16.2 24.2

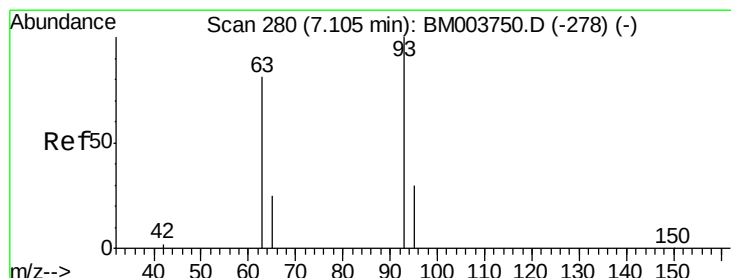
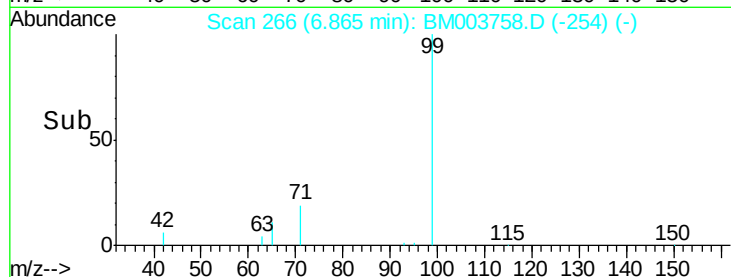
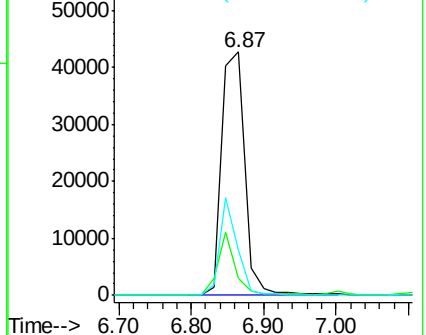
71 30.6 24.4 36.6



Abundance Ion 99.00 (98.70 to 99.70): BM003758.D (-262) (-)

Ion 42.00 (41.70 to 42.70): BM003758.D (-262) (-)

Ion 71.00 (70.70 to 71.70): BM003758.D (-262) (-)



#6

bis(2-Chloroethyl)ether

Concen: 3.65 ng

RT: 7.11 min Scan# 280

Delta R.T. 0.00 min

Lab File: BM003758.D

Acq: 24 Dec 2015 01:37

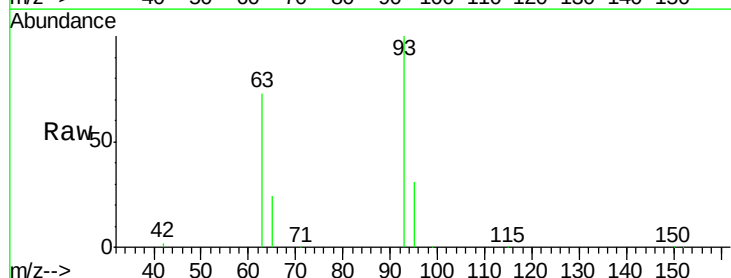
Tgt Ion: 93 Resp: 43577

Ion Ratio Lower Upper

93 100

63 73.7 58.3 87.5

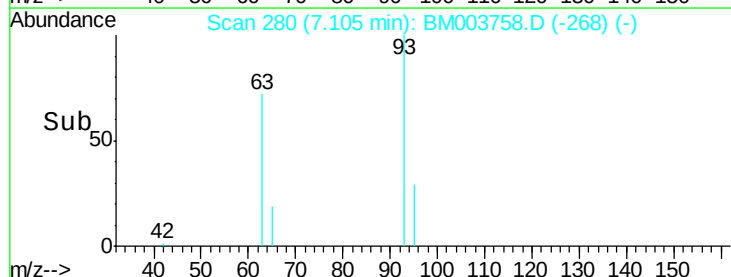
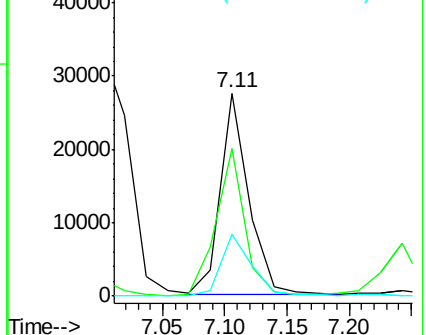
95 32.7 25.8 38.8

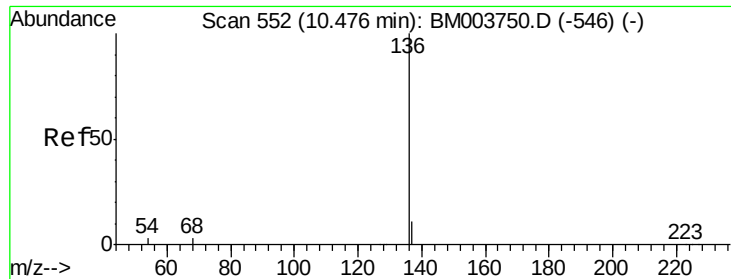


Abundance Ion 93.00 (92.70 to 93.70): BM003758.D (-278) (-)

Ion 63.00 (62.70 to 63.70): BM003758.D (-278) (-)

Ion 95.00 (94.70 to 95.70): BM003758.D (-278) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.48 min Scan# 552

Delta R.T. 0.00 min

Lab File: BM003758.D

Acq: 24 Dec 2015 01:37

Instrument :

BNA_M

ClientSampled :

Tot Ion:136 Resp: 209456

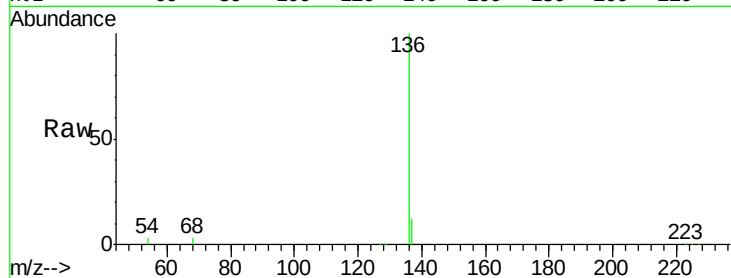
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 3.3 2.8 4.2

68 2.9 2.5 3.7

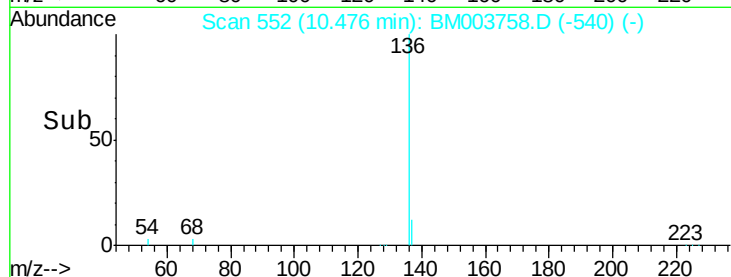


Abundance Ion 136.00 (135.70 to 136.70): E

150000 Ion 137.00 (136.70 to 137.70): E

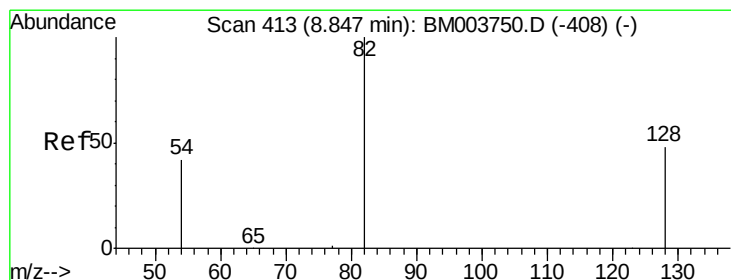
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



Time-->

10.40 10.60



#8

Nitrobenzene-d5

Concen: 3.87 ng

RT: 8.85 min Scan# 413

Delta R.T. 0.00 min

Lab File: BM003758.D

Acq: 24 Dec 2015 01:37

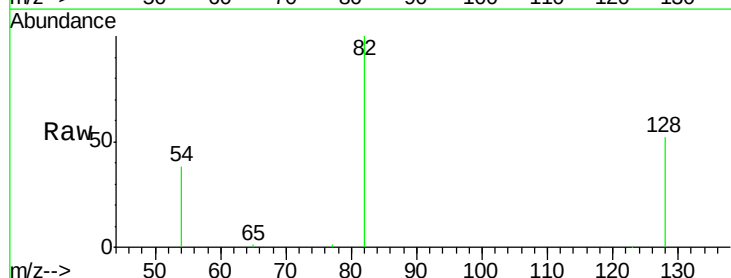
Tgt Ion: 82 Resp: 41639

Ion Ratio Lower Upper

82 100

128 52.0 39.1 58.7

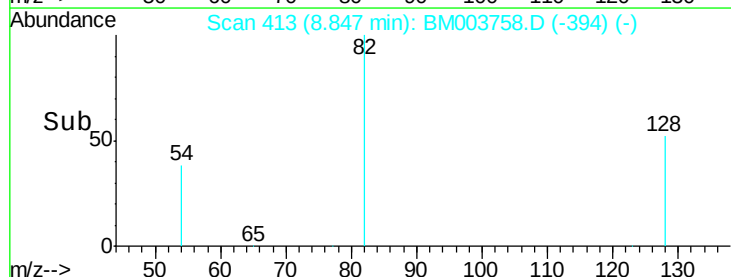
54 38.0 34.8 52.2



Abundance Ion 82.00 (81.70 to 82.70): BM

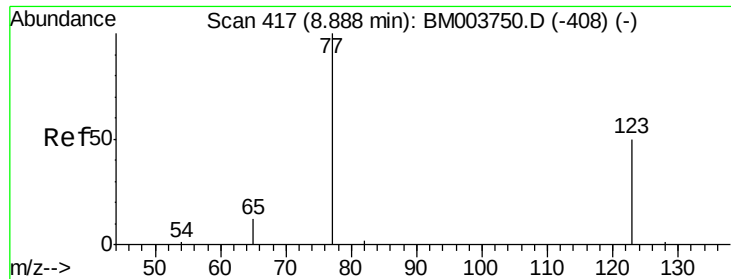
30000 Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM



Time-->

8.70 8.80 8.90 9.00



#9

Nitrobenzene

Concen: 3.64 ng

RT: 8.88 min Scan# 416

Delta R.T. -0.01 min

Lab File: BM003758.D

Acq: 24 Dec 2015 01:37

Instrument :

BNA_M

ClientSampleId :

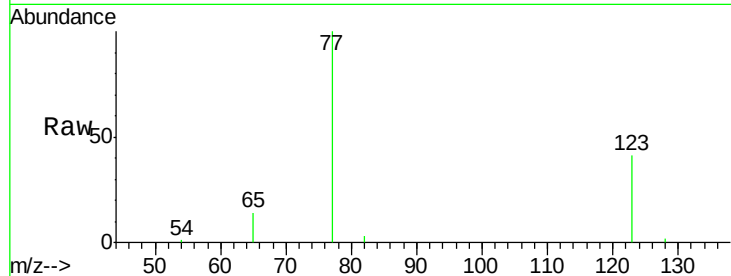
Tot Ion: 77 Resp: 44673

Ion Ratio Lower Upper

77 100

123 49.7 38.6 57.8

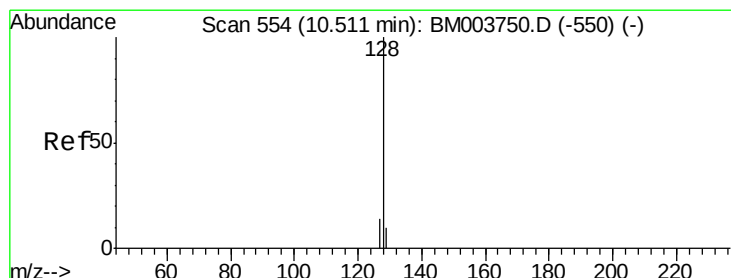
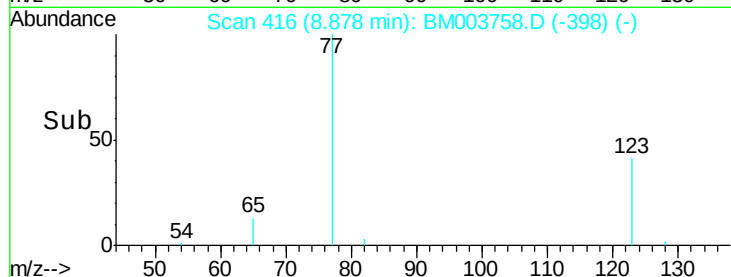
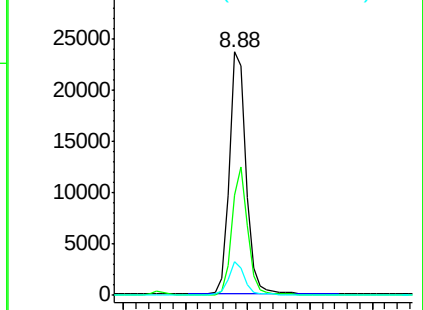
65 12.8 9.9 14.9



Abundance Ion 77.00 (76.70 to 77.70): BM003758.D (-398) (-)

Ion 123.00 (122.70 to 123.70): BM003758.D (-398) (-)

Ion 65.00 (64.70 to 65.70): BM003758.D (-398) (-)



#10

Naphthalene

Concen: 3.60 ng

RT: 10.51 min Scan# 554

Delta R.T. 0.00 min

Lab File: BM003758.D

Acq: 24 Dec 2015 01:37

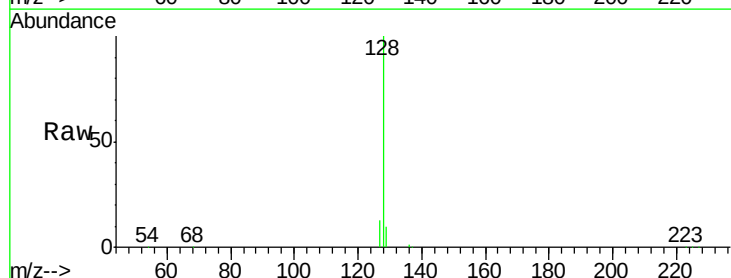
Tgt Ion: 128 Resp: 165486

Ion Ratio Lower Upper

128 100

129 10.4 8.5 12.7

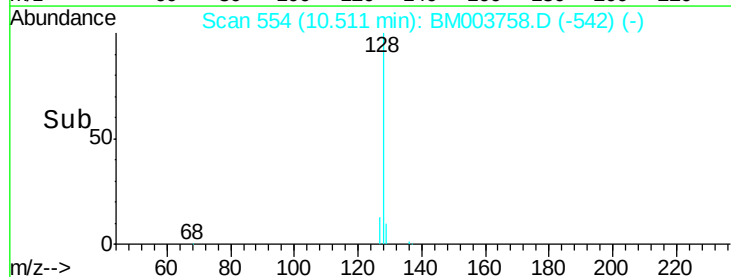
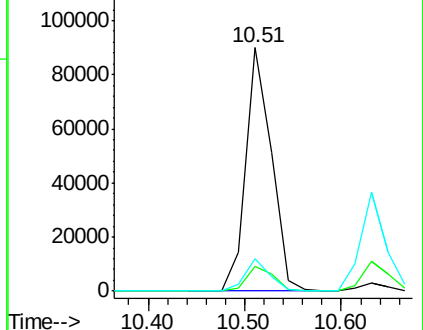
127 13.5 11.0 16.4

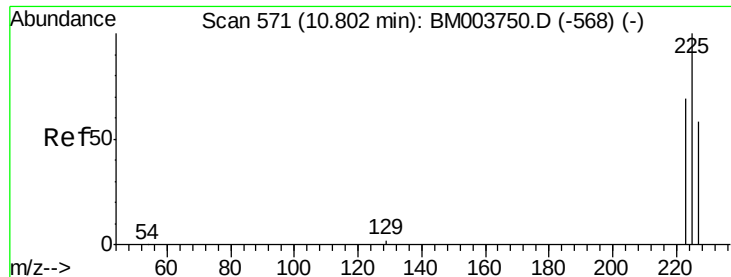


Abundance Ion 128.00 (127.70 to 128.70): BM003758.D (-542) (-)

Ion 129.00 (128.70 to 129.70): BM003758.D (-542) (-)

Ion 127.00 (126.70 to 127.70): BM003758.D (-542) (-)

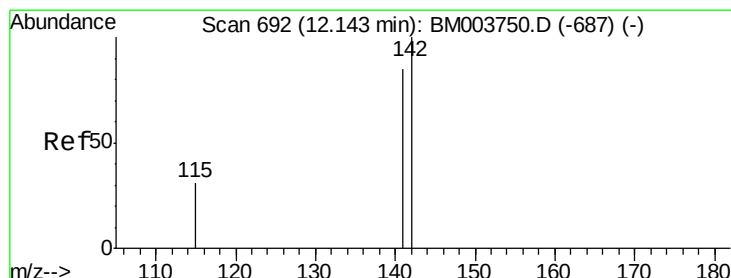
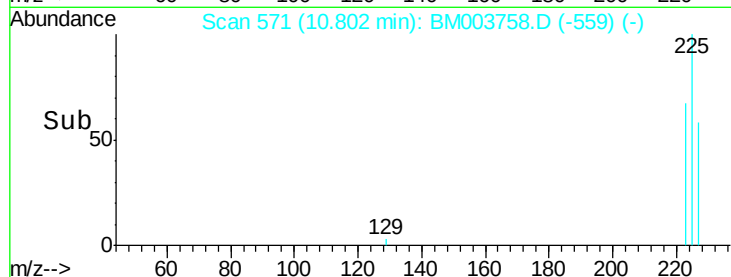
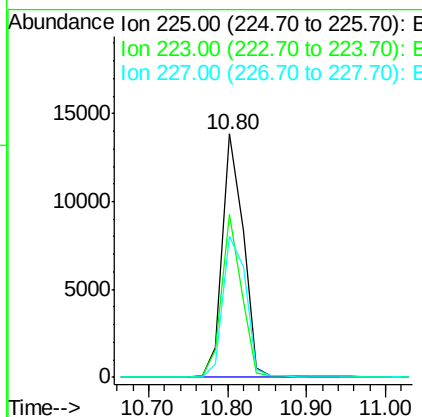
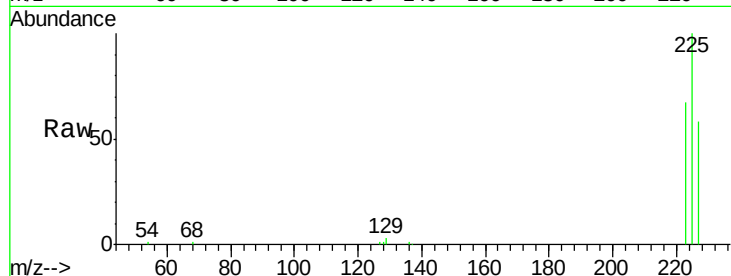




#11
Hexachlorobutadiene
Concen: 3.53 ng
RT: 10.80 min Scan# 571
Delta R.T. 0.00 min
Lab File: BM003758.D
Acq: 24 Dec 2015 01:37

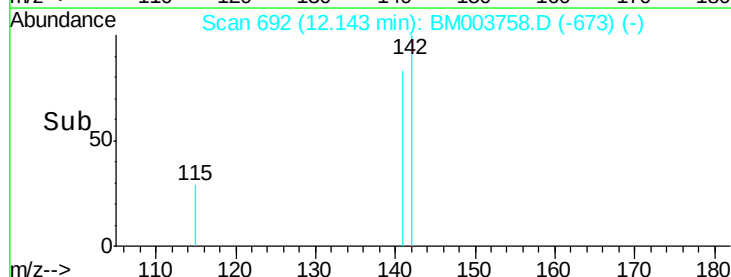
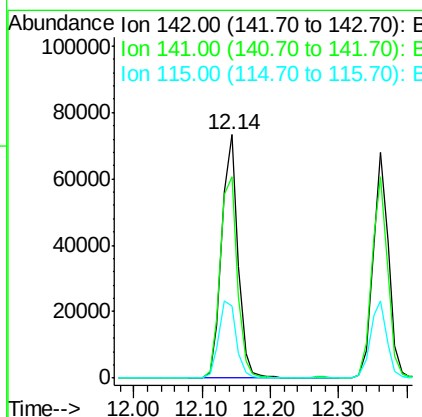
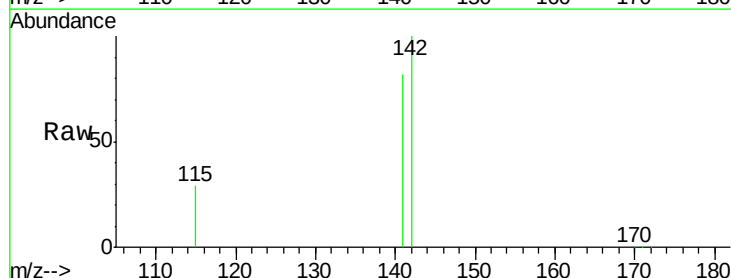
Instrument :
BNA_M
ClientSampleId :

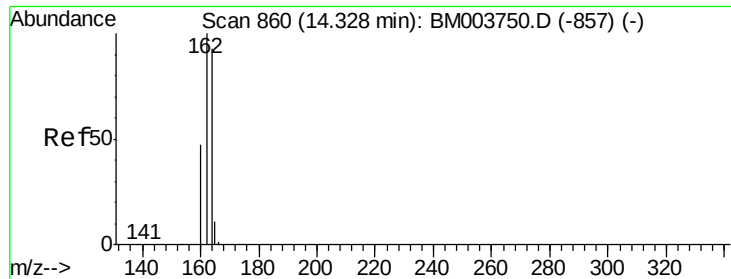
Tot Ion:225 Resp: 25037
Ion Ratio Lower Upper
225 100
223 62.6 50.9 76.3
227 63.7 51.2 76.8



#12
2-Methylnaphthalene
Concen: 3.90 ng
RT: 12.14 min Scan# 692
Delta R.T. 0.00 min
Lab File: BM003758.D
Acq: 24 Dec 2015 01:37

Tgt Ion:142 Resp: 119543
Ion Ratio Lower Upper
142 100
141 82.5 67.8 101.8
115 29.4 25.3 37.9





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.33 min Scan# 860

Delta R.T. 0.00 min

Lab File: BM003758.D

Acq: 24 Dec 2015 01:37

Instrument :

BNA_M

ClientSampleId :

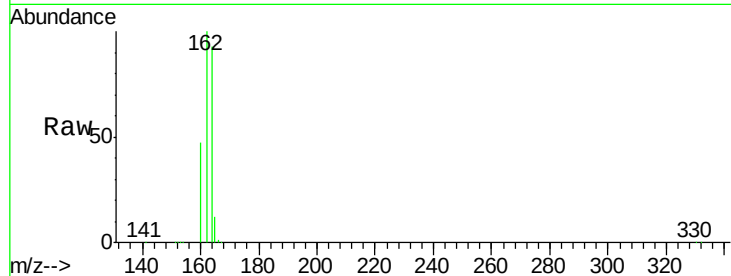
Tot Ion:164 Resp: 119411

Ion Ratio Lower Upper

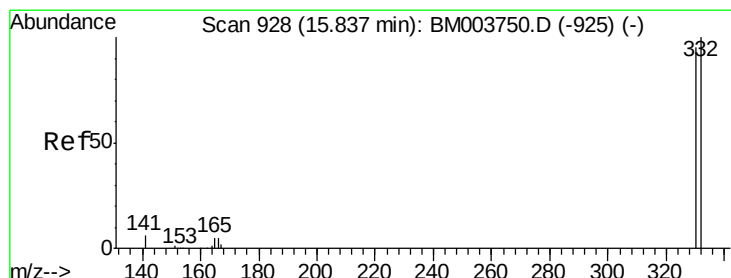
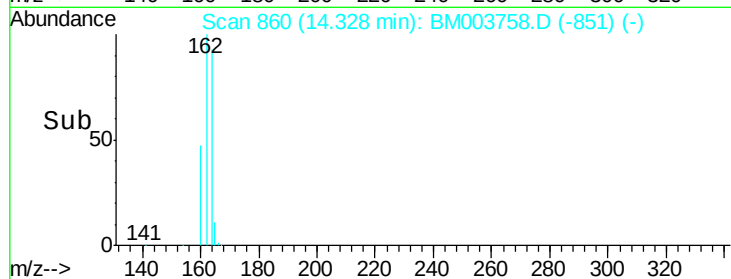
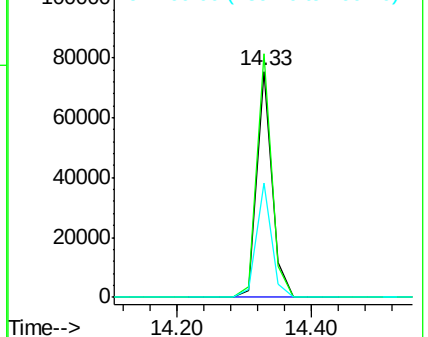
164 100

162 107.8 86.0 129.0

160 50.7 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: 7.35 ng

RT: 15.84 min Scan# 928

Delta R.T. 0.00 min

Lab File: BM003758.D

Acq: 24 Dec 2015 01:37

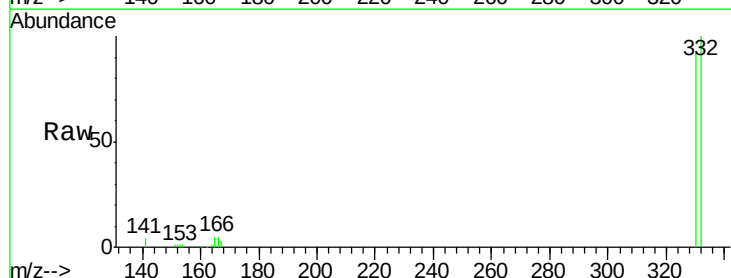
Tgt Ion:330 Resp: 24699

Ion Ratio Lower Upper

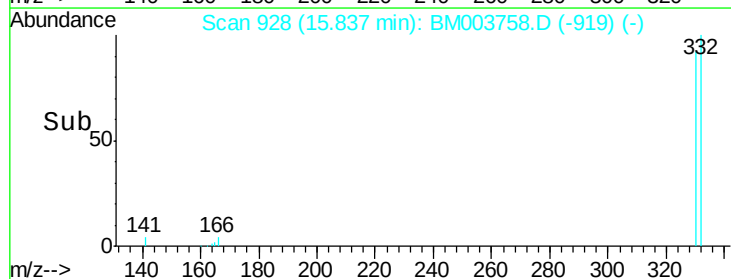
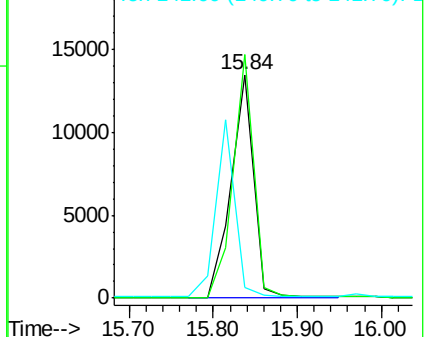
330 100

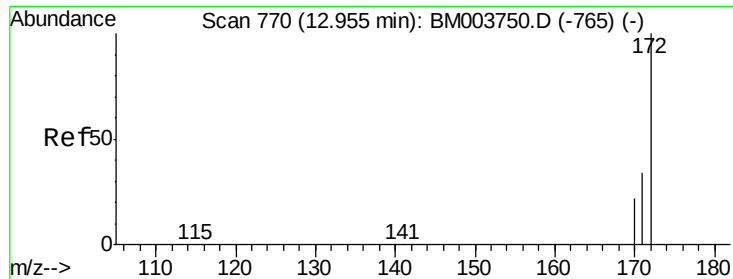
332 100.0 79.0 118.4

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

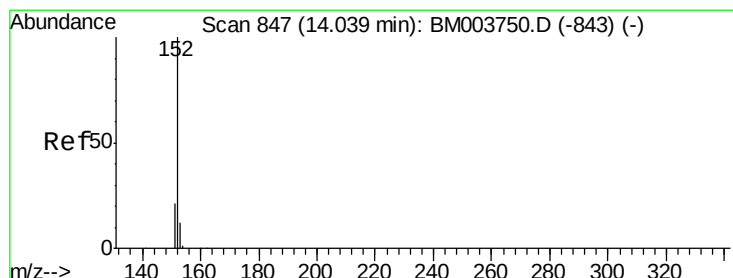
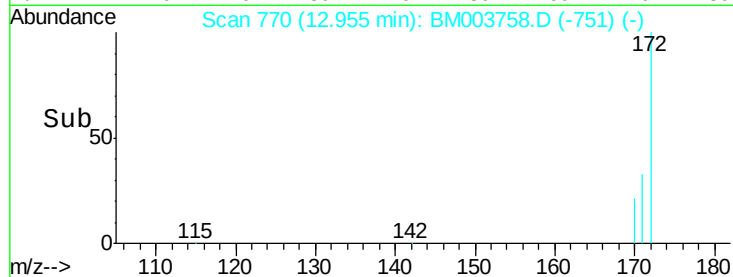
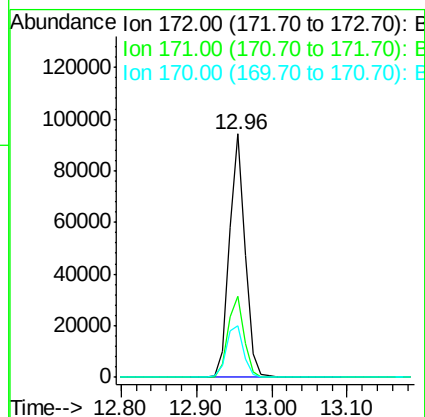
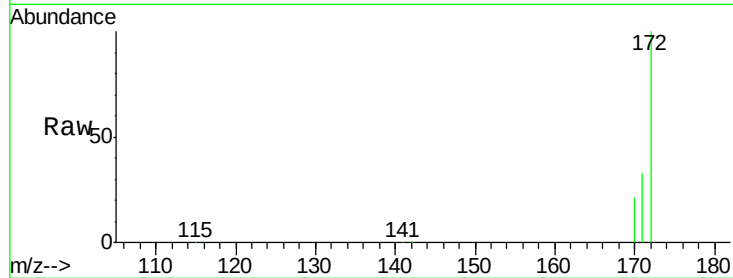




#15
2-Fluorobiphenyl
Concen: 3.99 ng
RT: 12.96 min Scan# 770
Delta R.T. 0.00 min
Lab File: BM003758.D
Acq: 24 Dec 2015 01:37

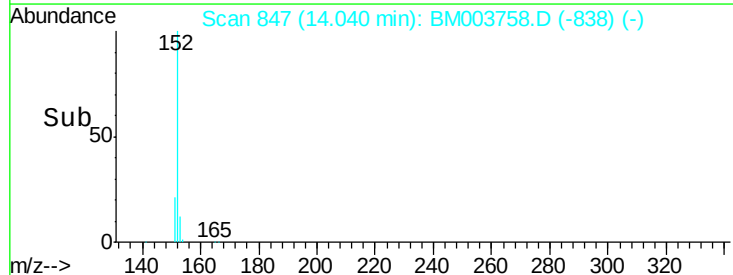
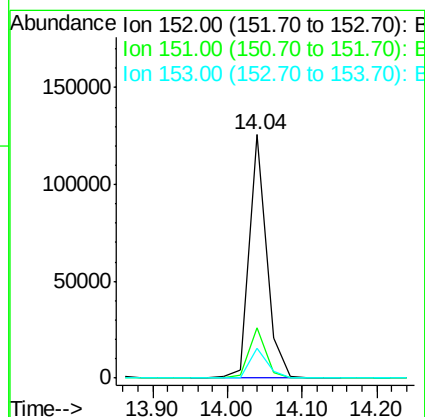
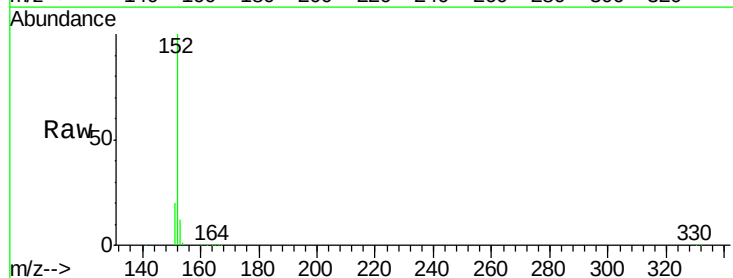
Instrument :
BNA_M
ClientSampleId :

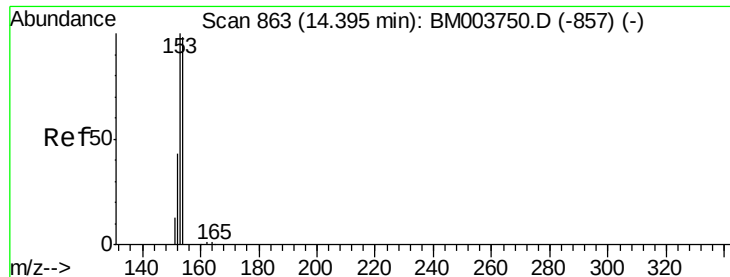
Tot Ion:172 Resp: 138761
Ion Ratio Lower Upper
172 100
171 33.3 27.0 40.6
170 21.2 17.9 26.9



#16
Acenaphthylene
Concen: 3.86 ng
RT: 14.04 min Scan# 847
Delta R.T. 0.00 min
Lab File: BM003758.D
Acq: 24 Dec 2015 01:37

Tgt Ion:152 Resp: 203373
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8
153 12.8 10.2 15.4





#17

Acenaphthene

Concen: 3.77 ng

RT: 14.39 min Scan# 863

Delta R.T. 0.00 min

Lab File: BM003758.D

Acq: 24 Dec 2015 01:37

Instrument :

BNA_M

ClientSampleId :

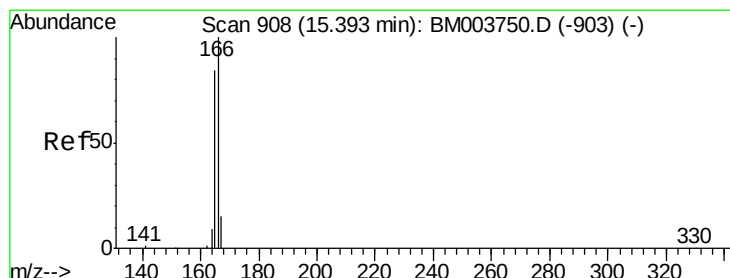
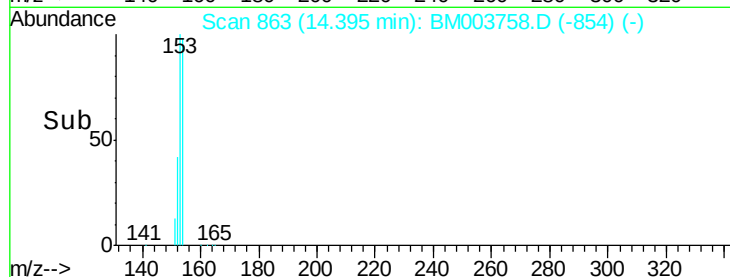
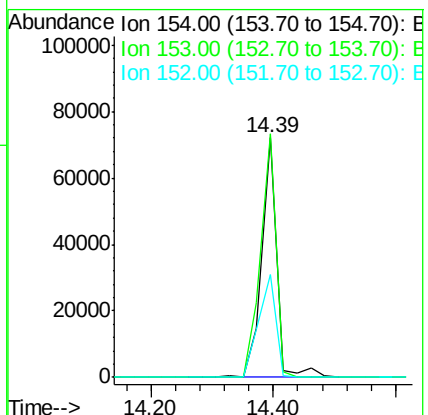
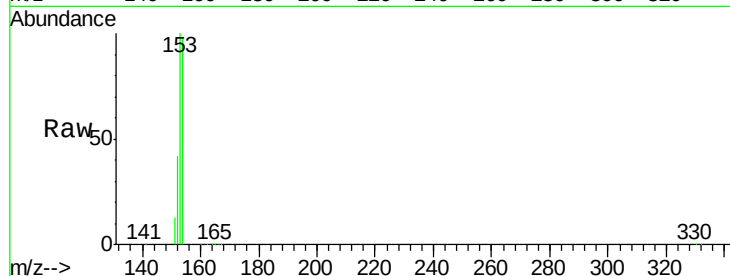
Tot Ion:154 Resp: 124892

Ion Ratio Lower Upper

154 100

153 104.0 85.4 128.2

152 49.1 40.6 60.8



#18

Fluorene

Concen: 3.60 ng

RT: 15.39 min Scan# 908

Delta R.T. 0.00 min

Lab File: BM003758.D

Acq: 24 Dec 2015 01:37

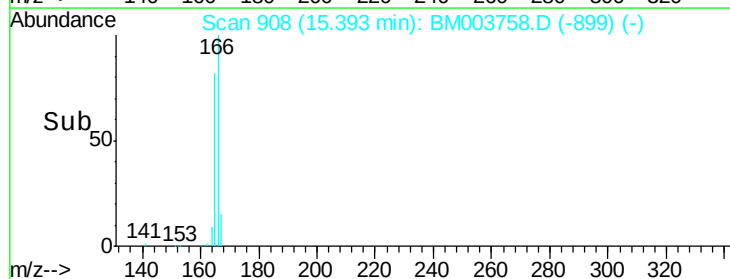
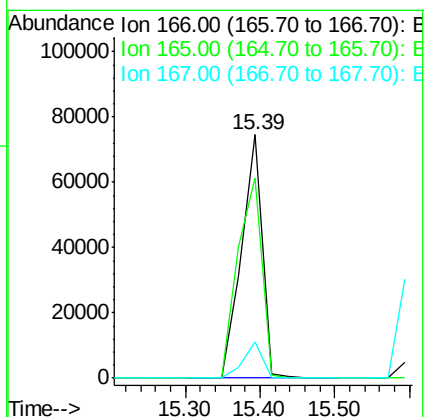
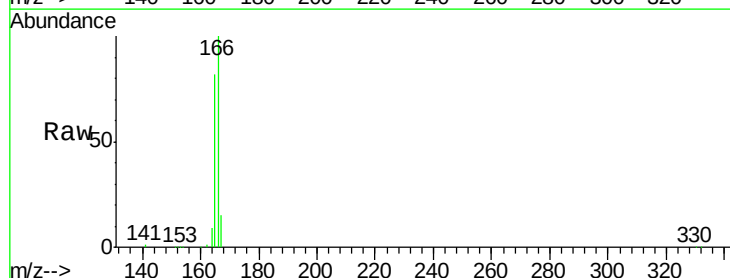
Tgt Ion:166 Resp: 143426

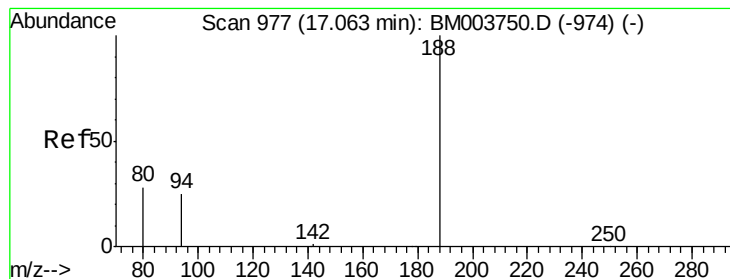
Ion Ratio Lower Upper

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: BM003758.D

Acq: 24 Dec 2015 01:37

Instrument :

BNA_M

ClientSampleId :

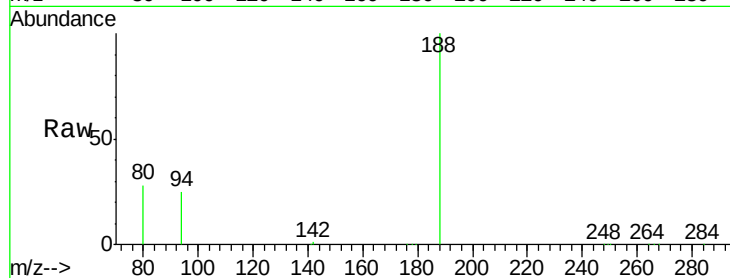
Tot Ion:188 Resp: 213252

Ion Ratio Lower Upper

188 100

94 25.0 20.3 30.5

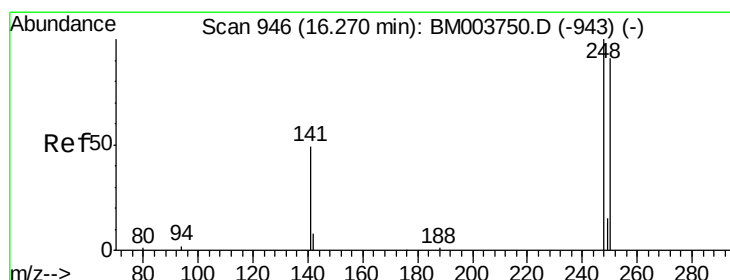
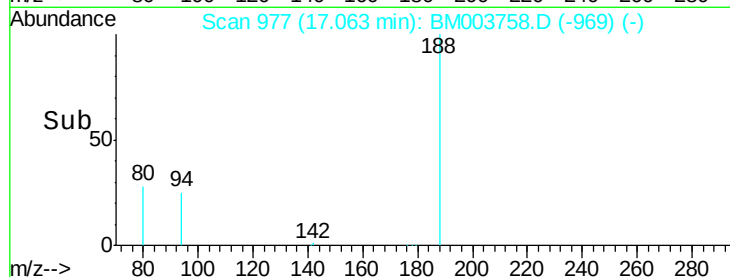
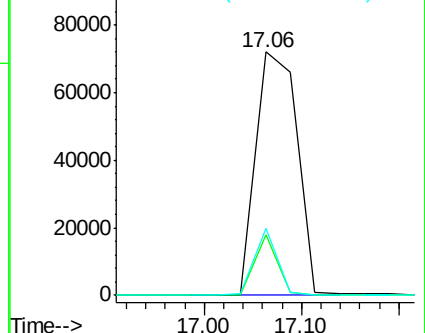
80 27.7 22.2 33.4



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: 4.95 ng

RT: 16.27 min Scan# 946

Delta R.T. 0.00 min

Lab File: BM003758.D

Acq: 24 Dec 2015 01:37

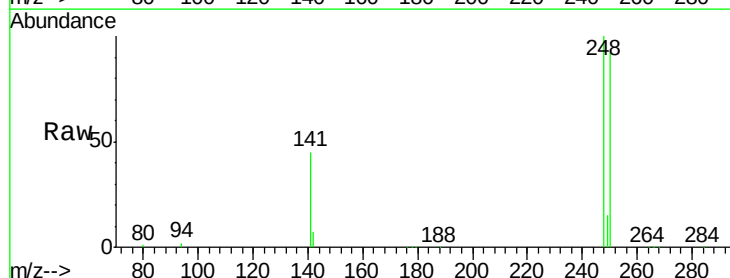
Tgt Ion:248 Resp: 48226

Ion Ratio Lower Upper

248 100

250 94.0 75.0 112.4

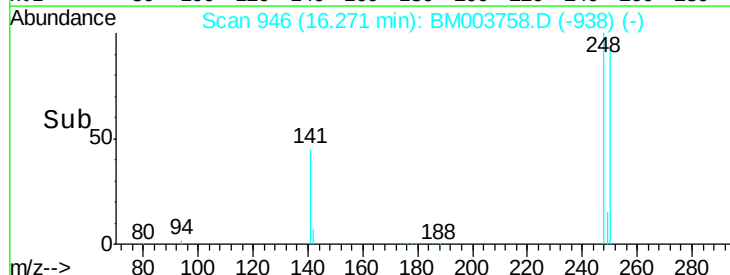
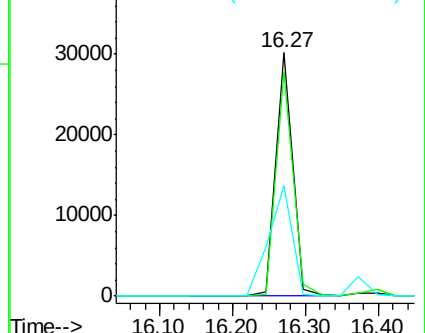
141 63.1 53.0 79.4

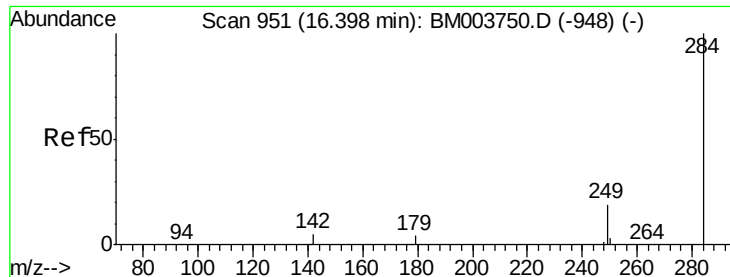


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

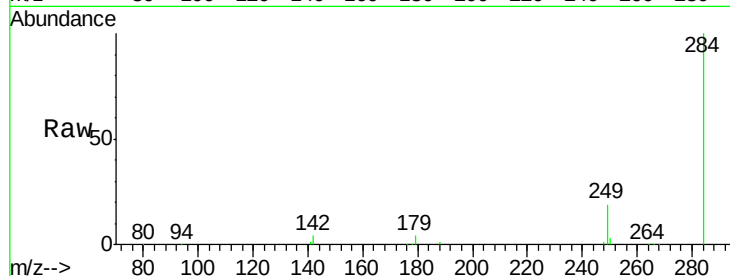




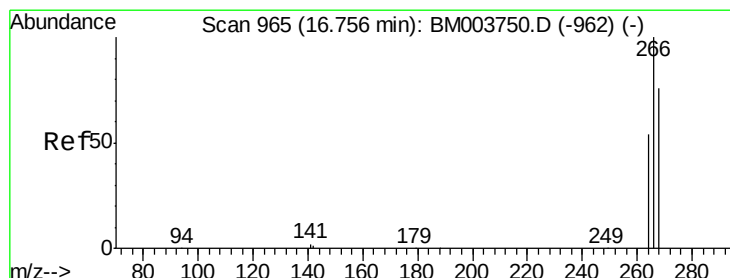
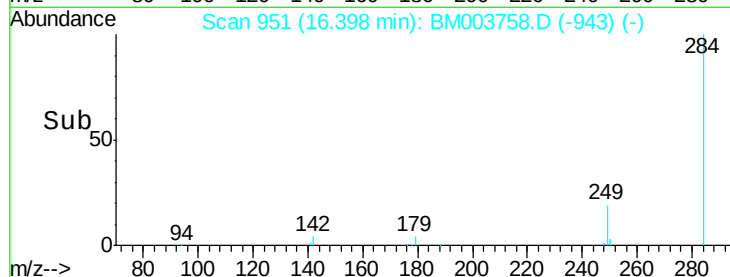
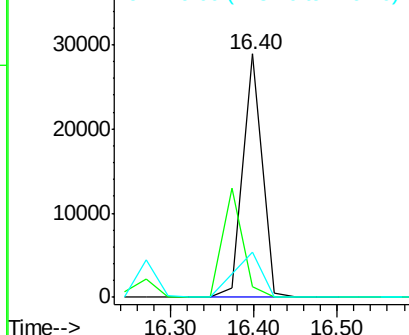
#21
Hexachlorobenzene
Concen: 5.09 ng
RT: 16.40 min Scan# 951
Delta R.T. 0.00 min
Lab File: BM003758.D
Acq: 24 Dec 2015 01:37

Instrument :
BNA_M
ClientSampleId :

Tot Ion:284 Resp: 46547
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 26.6 21.5 32.3

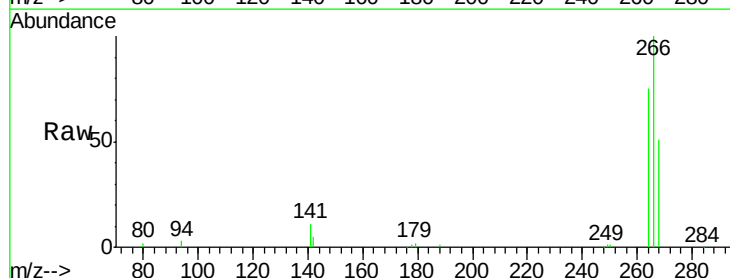


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

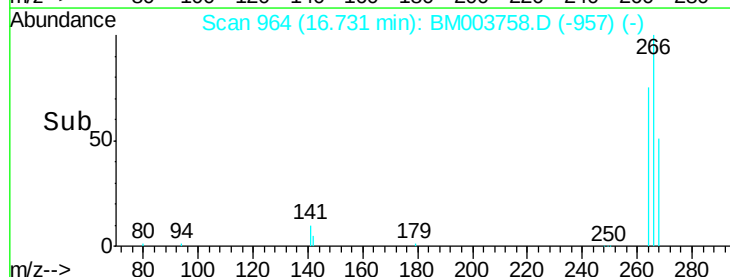
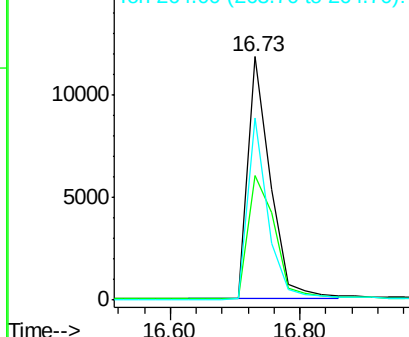


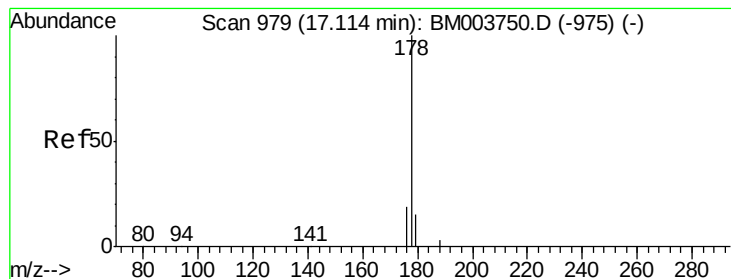
#22
Pentachlorophenol
Concen: 6.39 ng
RT: 16.73 min Scan# 964
Delta R.T. -0.02 min
Lab File: BM003758.D
Acq: 24 Dec 2015 01:37

Tgt Ion:266 Resp: 28650
Ion Ratio Lower Upper
266 100
268 51.0 62.7 94.1#
264 74.9 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: 4.26 ng

RT: 17.11 min Scan# 979

Delta R.T. 0.00 min

Lab File: BM003758.D

Acq: 24 Dec 2015 01:37

Instrument :

BNA_M

ClientSampleId :

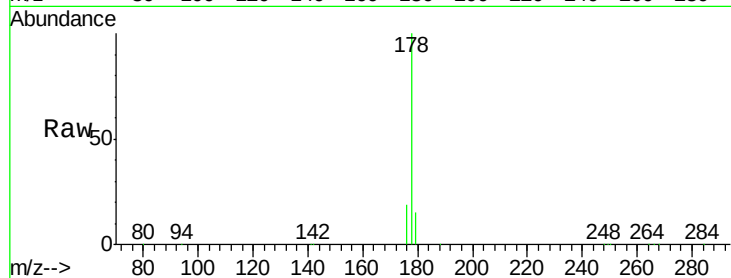
Tot Ion:178 Resp: 288303

Ion Ratio Lower Upper

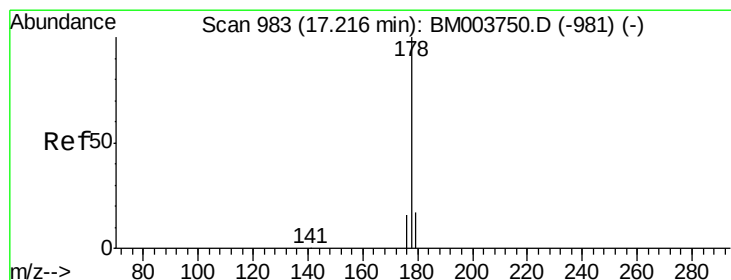
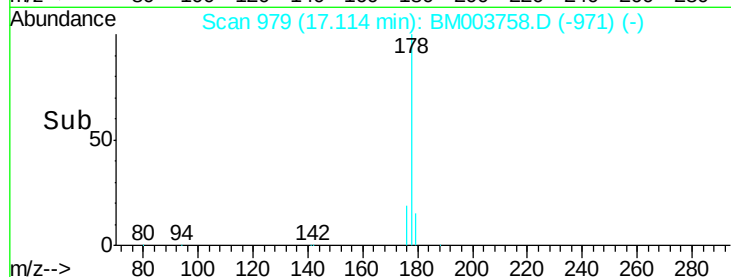
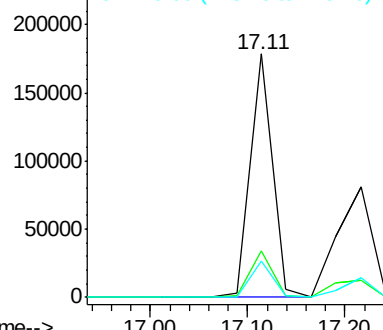
178 100

176 19.0 15.4 23.0

179 15.0 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: 3.93 ng

RT: 17.22 min Scan# 983

Delta R.T. 0.00 min

Lab File: BM003758.D

Acq: 24 Dec 2015 01:37

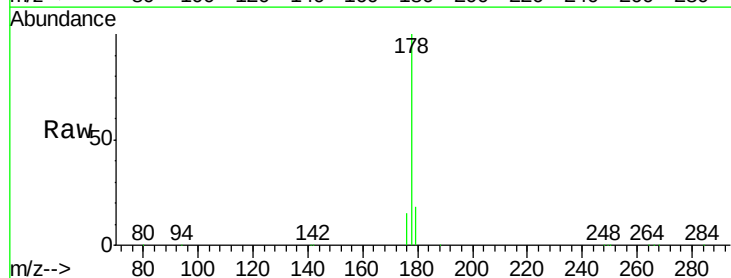
Tgt Ion:178 Resp: 196274

Ion Ratio Lower Upper

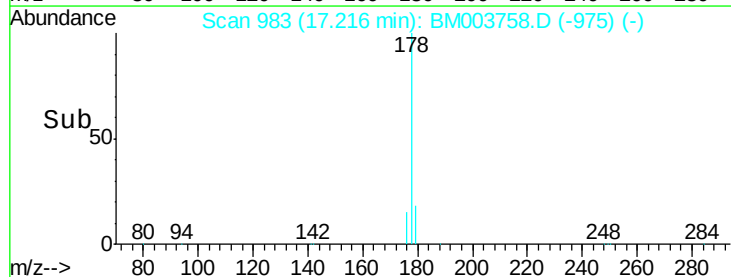
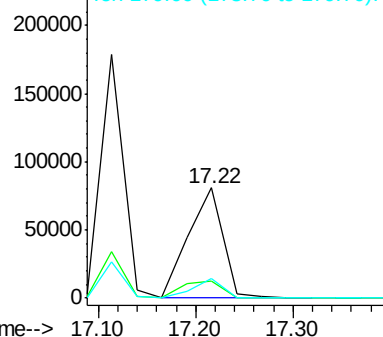
178 100

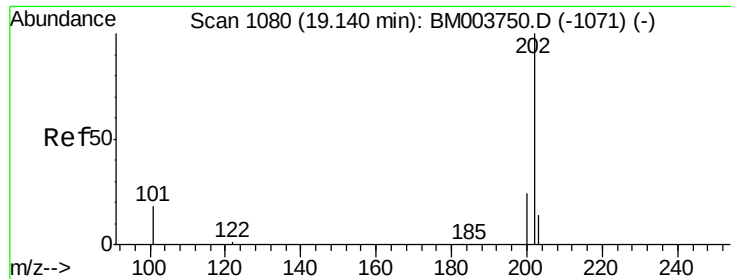
176 18.3 14.6 21.8

179 15.9 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

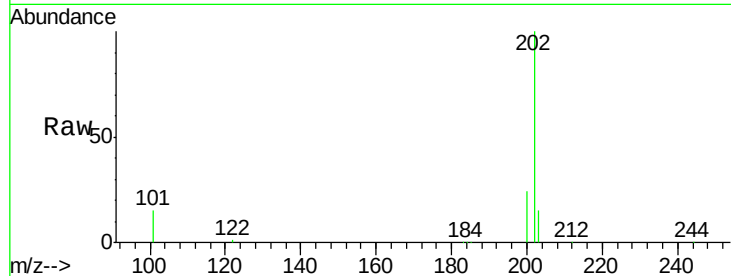




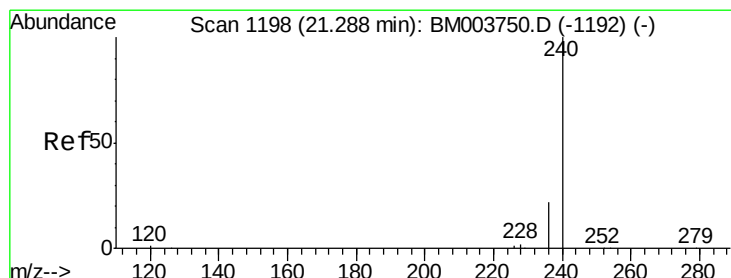
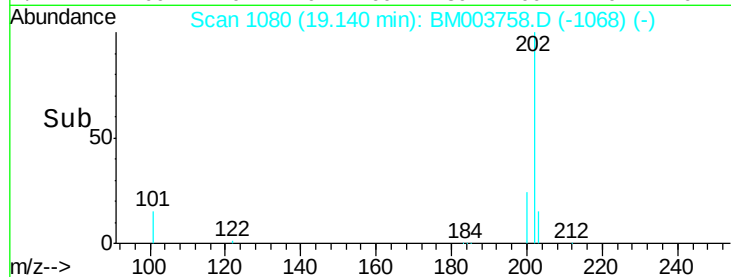
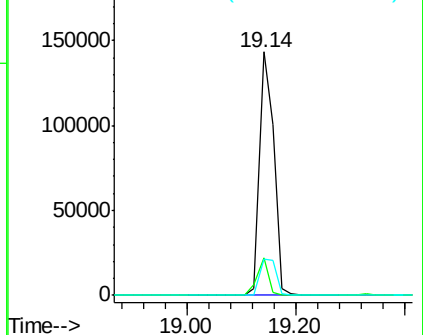
#25
Fluoranthene
Concen: 4.02 ng
RT: 19.14 min Scan# 1080
Delta R.T. 0.00 min
Lab File: BM003758.D
Acq: 24 Dec 2015 01:37

Instrument :
BNA_M
ClientSampleId :

Tot Ion:202 Resp: 262461
Ion Ratio Lower Upper
202 100
101 12.1 9.7 14.5
203 17.3 13.8 20.8

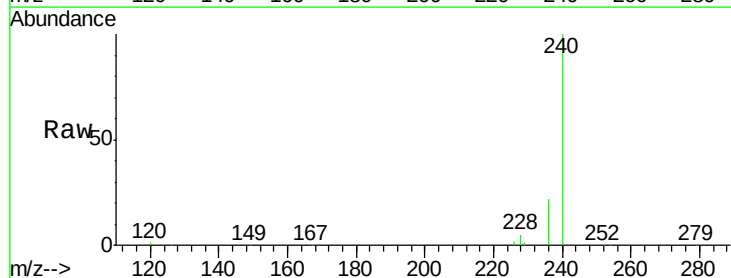


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

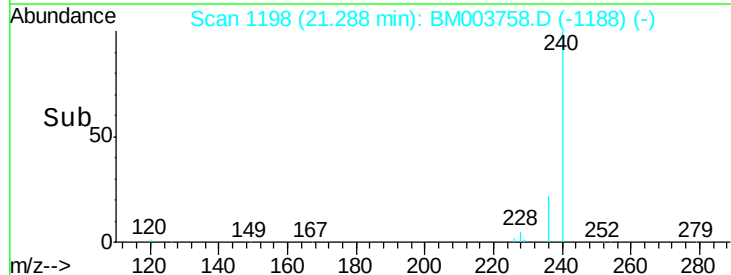
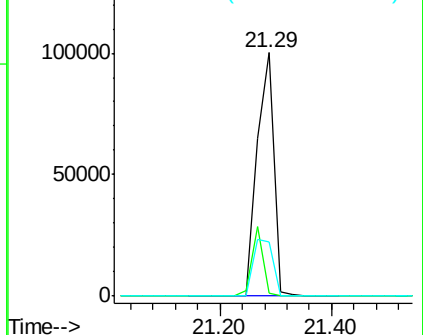


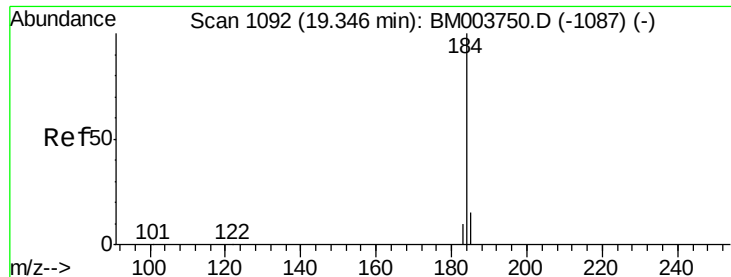
#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.29 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BM003758.D
Acq: 24 Dec 2015 01:37

Tgt Ion:240 Resp: 206733
Ion Ratio Lower Upper
240 100
120 1.0 0.9 1.3
236 22.0 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: 7.61 ng

RT: 19.33 min Scan# 1091

Delta R.T. -0.02 min

Lab File: BM003758.D

Acq: 24 Dec 2015 01:37

Instrument :

BNA_M

ClientSampleId :

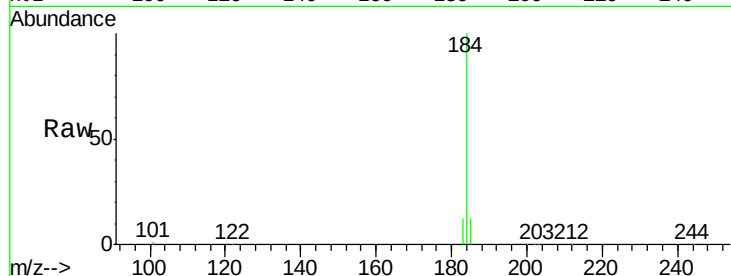
Tot Ion:184 Resp: 200828

Ion Ratio Lower Upper

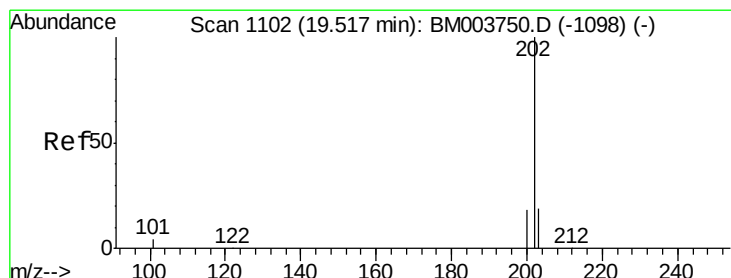
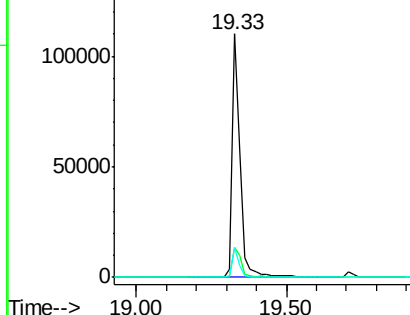
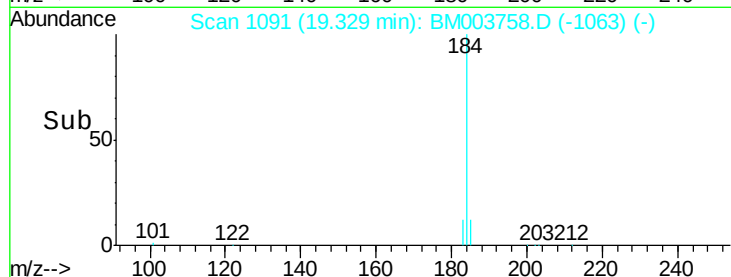
184 100

185 12.1 13.2 19.8#

183 12.4 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: 4.14 ng

RT: 19.52 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BM003758.D

Acq: 24 Dec 2015 01:37

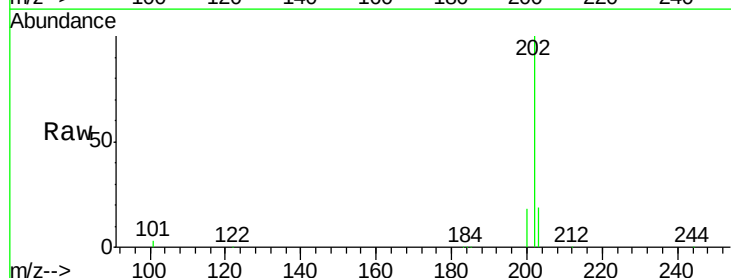
Tgt Ion:202 Resp: 281820

Ion Ratio Lower Upper

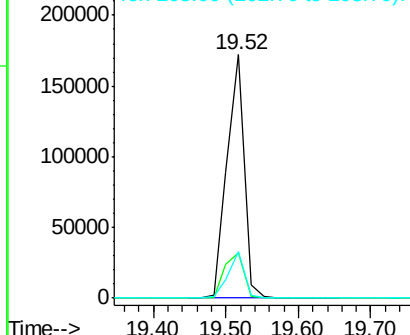
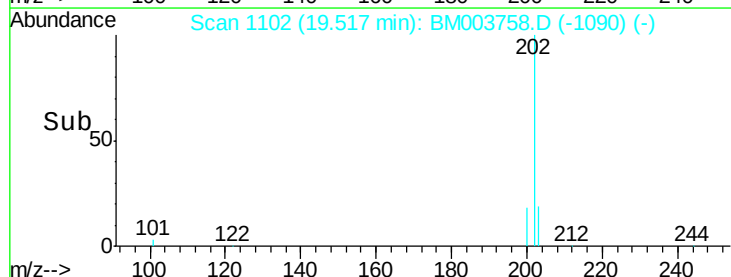
202 100

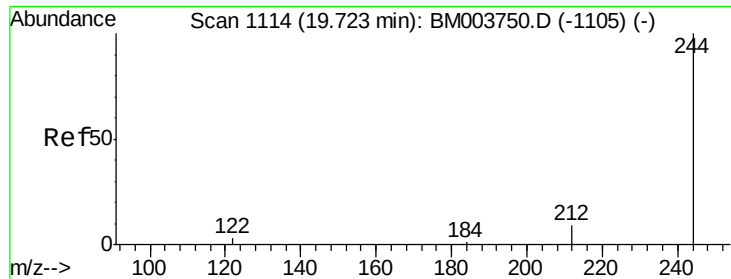
200 21.1 16.6 24.8

203 17.9 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: 4.15 ng

RT: 19.72 min Scan# 1114

Delta R.T. 0.00 min

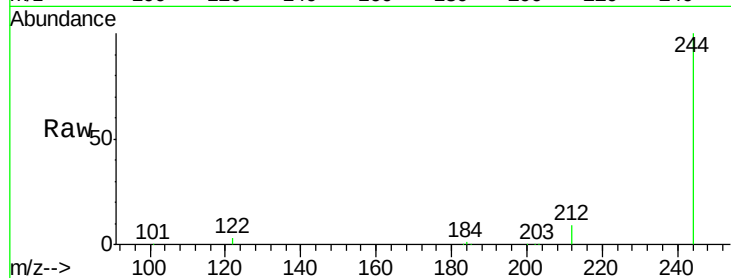
Lab File: BM003758.D

Acq: 24 Dec 2015 01:37

Instrument :

BNA_M

ClientSampleId :



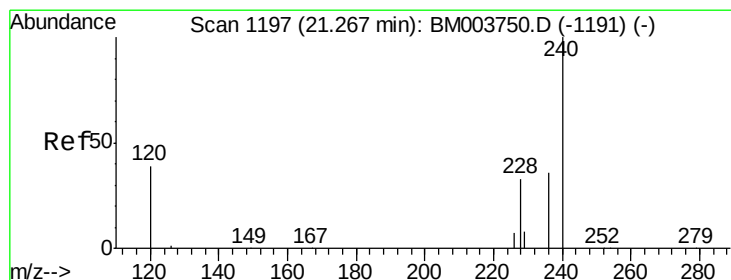
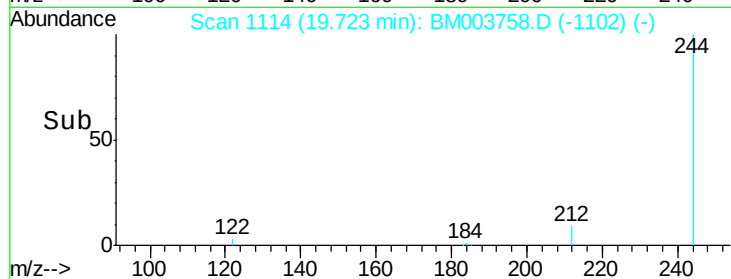
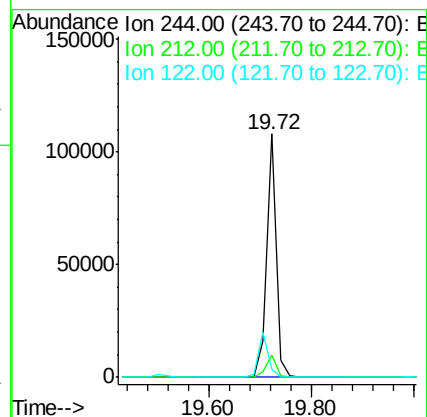
Tot Ion:244 Resp: 135925

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

122 3.2 3.0 4.6



#30

Benzo(a)anthracene

Concen: 3.62 ng

RT: 21.27 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BM003758.D

Acq: 24 Dec 2015 01:37

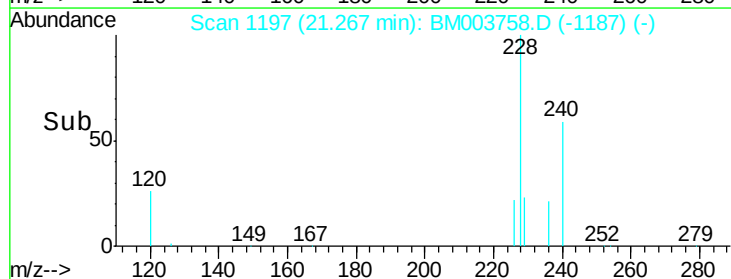
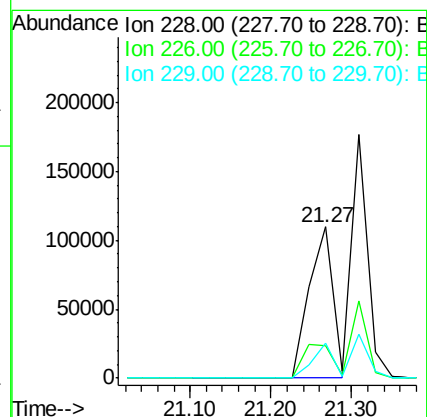
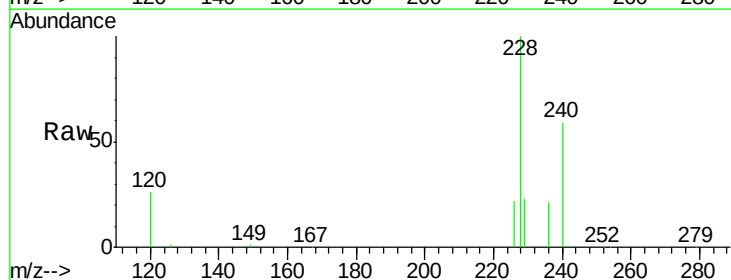
Tgt Ion:228 Resp: 223477

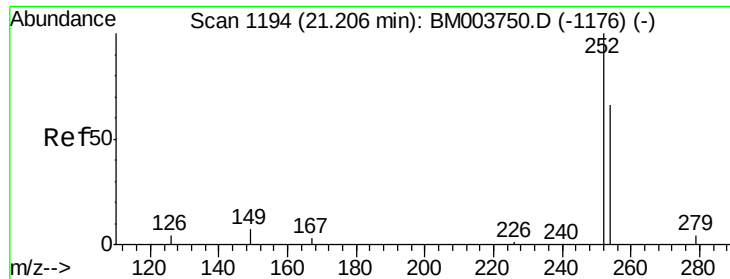
Ion Ratio Lower Upper

228 100

226 21.6 17.2 25.8

229 23.2 18.7 28.1

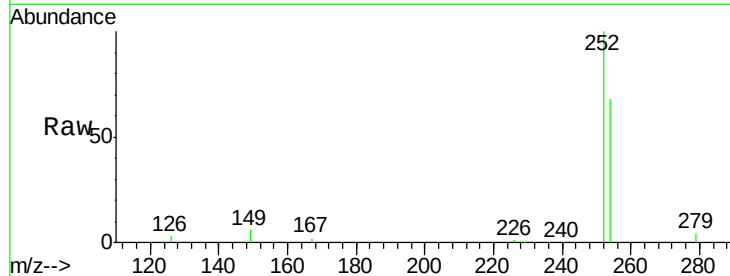




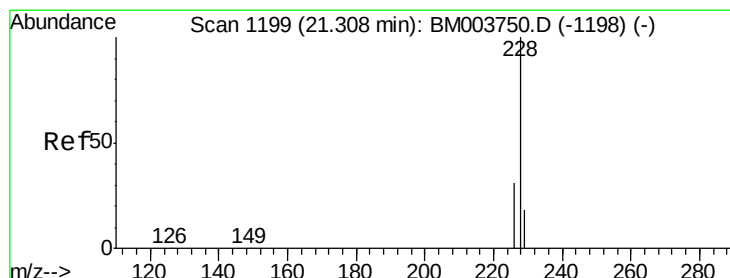
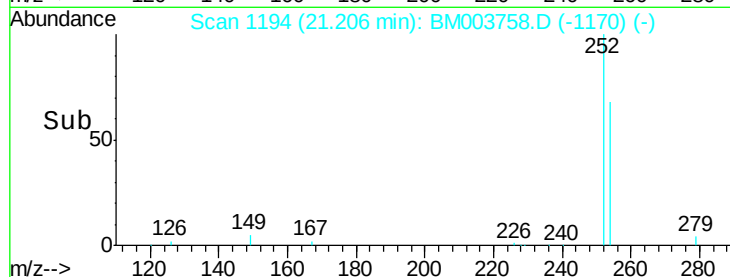
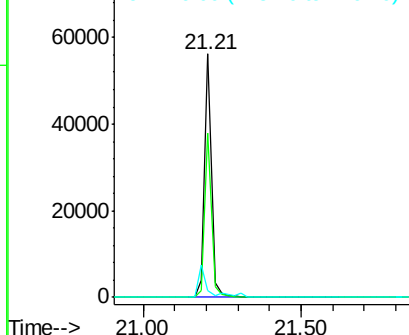
#31
 3,3'-Dichlorobenzidine
 Concen: 3.90 ng
 RT: 21.21 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BM003758.D
 Acq: 24 Dec 2015 01:37

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:252 Resp: 80576
 Ion Ratio Lower Upper
 252 100
 254 67.6 52.6 79.0
 126 2.7 3.7 5.5#

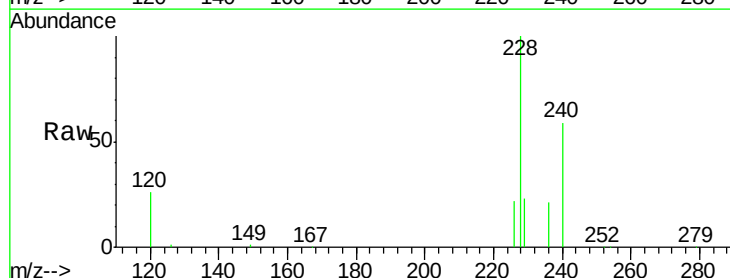


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

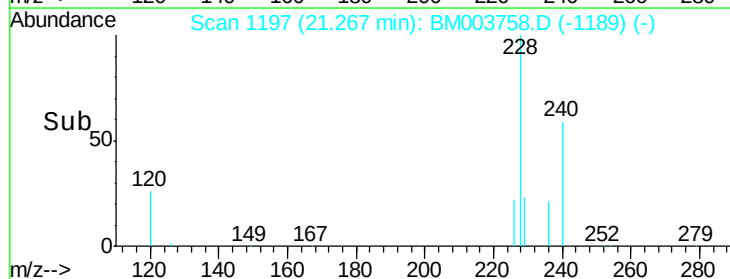
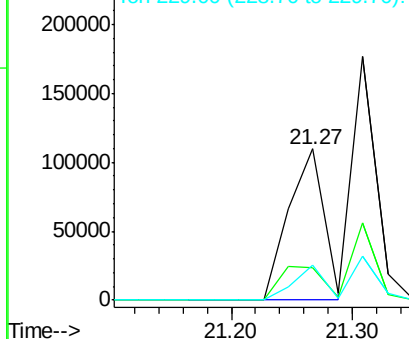


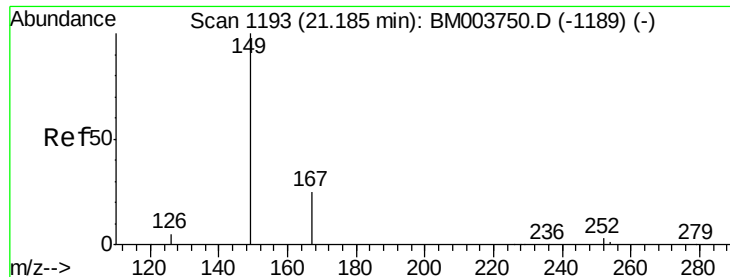
#32
 Chrysene
 Concen: 3.71 ng
 RT: 21.27 min Scan# 1197
 Delta R.T. -0.04 min
 Lab File: BM003758.D
 Acq: 24 Dec 2015 01:37

Tgt Ion:228 Resp: 223476
 Ion Ratio Lower Upper
 228 100
 226 21.6 25.3 37.9#
 229 23.2 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: 4.08 ng

RT: 21.19 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BM003758.D

Acq: 24 Dec 2015 01:37

Instrument :

BNA_M

ClientSampleId :

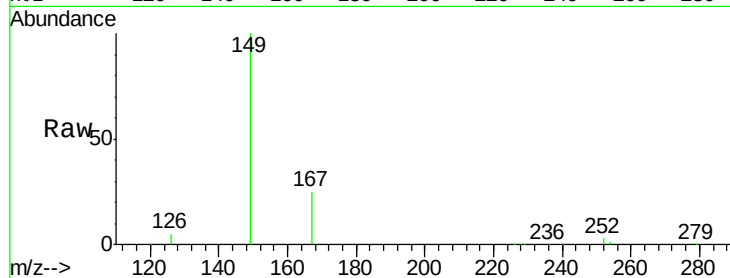
Tot Ion:149 Resp: 182436

Ion Ratio Lower Upper

149 100

167 24.9 20.1 30.1

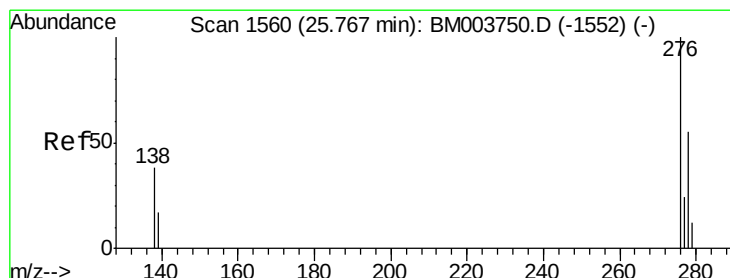
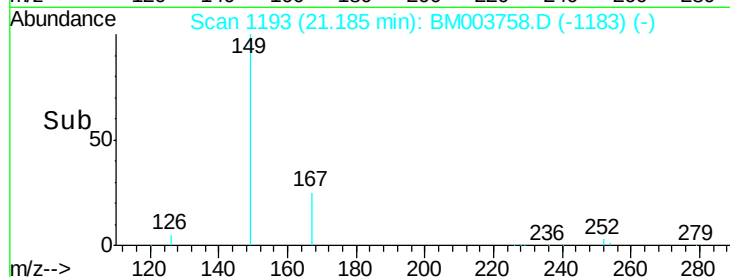
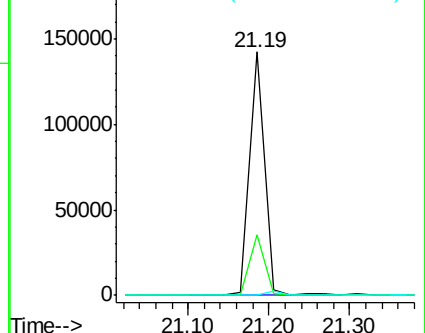
279 0.0 0.0 0.0



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: 3.82 ng

RT: 25.77 min Scan# 1561

Delta R.T. 0.00 min

Lab File: BM003758.D

Acq: 24 Dec 2015 01:37

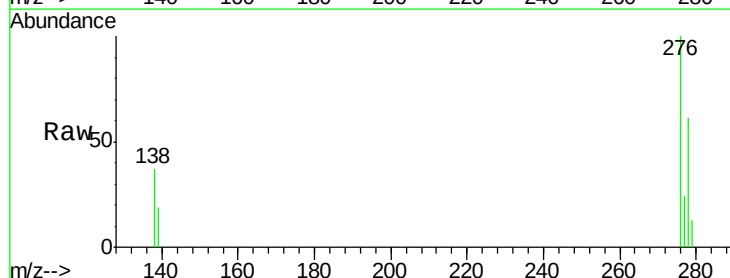
Tgt Ion:276 Resp: 167994

Ion Ratio Lower Upper

276 100

138 37.2 30.2 45.2

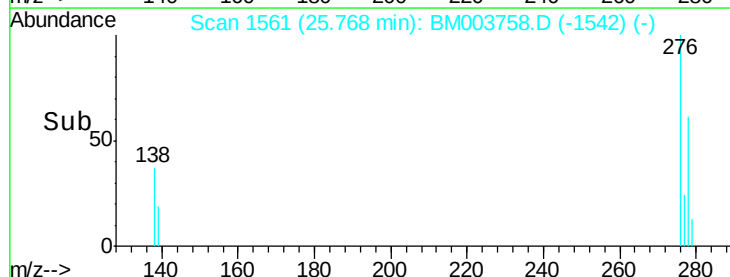
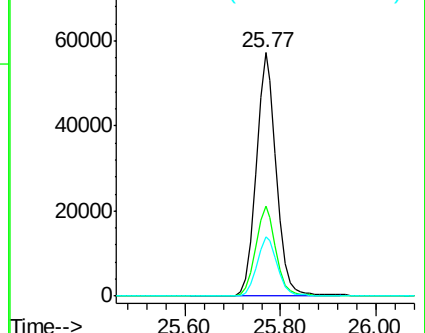
277 24.8 19.8 29.8

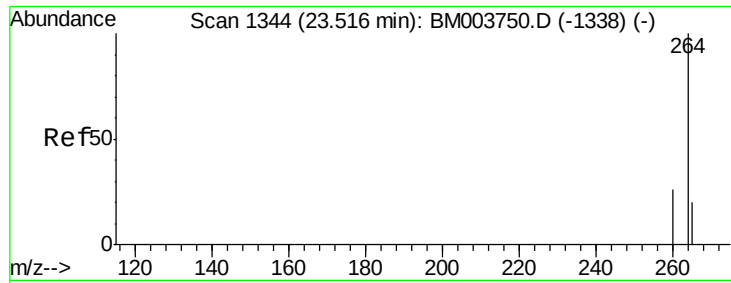


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

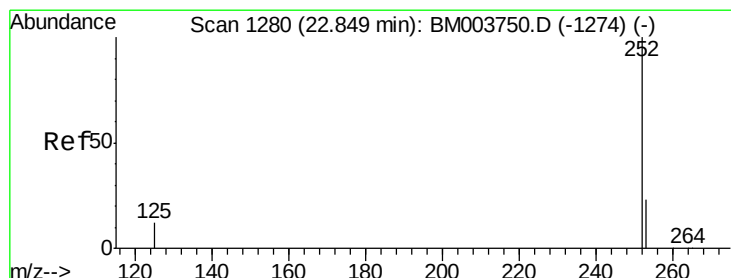
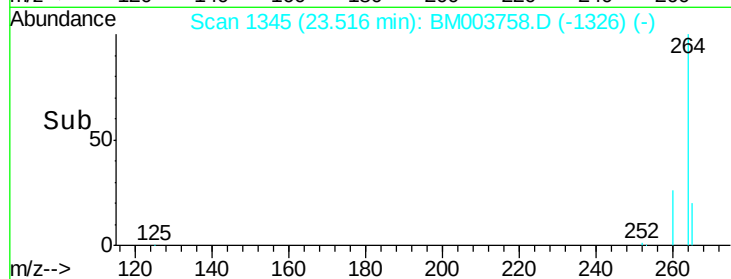
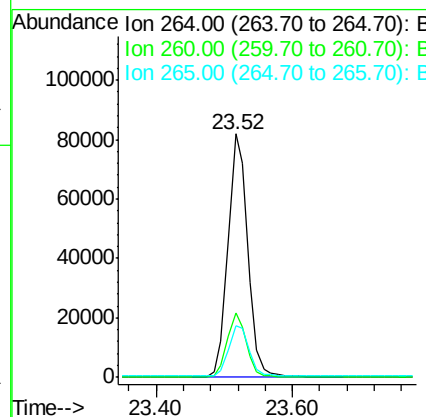
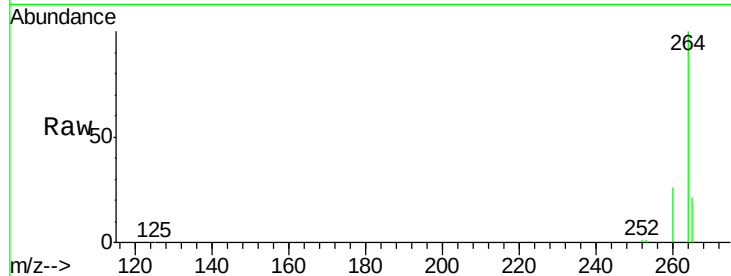




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.52 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: BM003758.D
 Acq: 24 Dec 2015 01:37

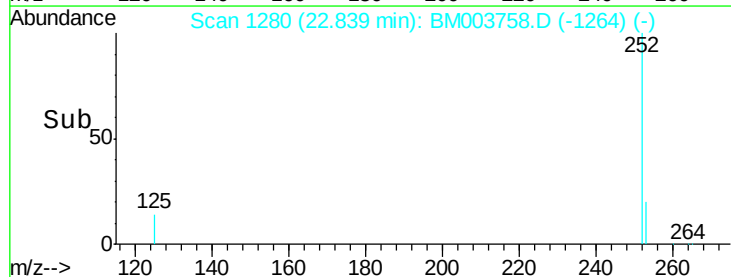
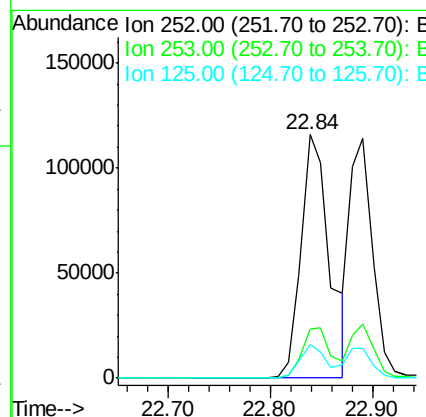
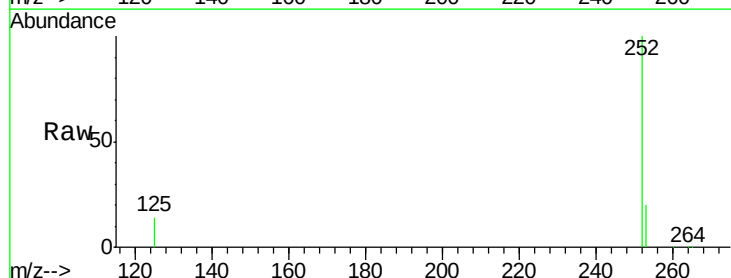
Instrument :
 BNA_M
 ClientSampleId :

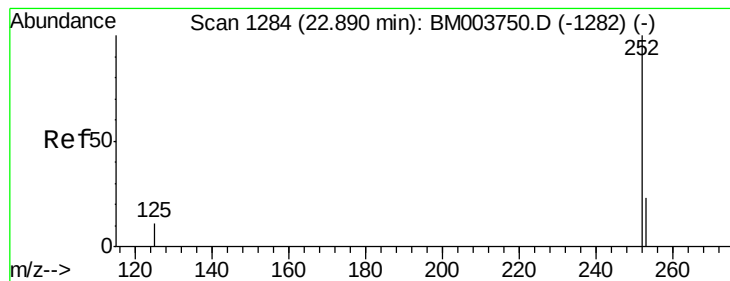
Tot Ion:264 Resp: 164158
 Ion Ratio Lower Upper
 264 100
 260 26.2 21.2 31.8
 265 21.0 16.7 25.1



#36
 Benzo(b)fluoranthene
 Concen: 4.36 ng
 RT: 22.84 min Scan# 1280
 Delta R.T. -0.01 min
 Lab File: BM003758.D
 Acq: 24 Dec 2015 01:37

Tgt Ion:252 Resp: 223627
 Ion Ratio Lower Upper
 252 100
 253 20.2 18.8 28.2
 125 13.8 10.2 15.4





#37

Benzo(k)fluoranthene

Concen: 3.78 ng

RT: 22.89 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BM003758.D

Acq: 24 Dec 2015 01:37

Instrument :

BNA_M

ClientSampleId :

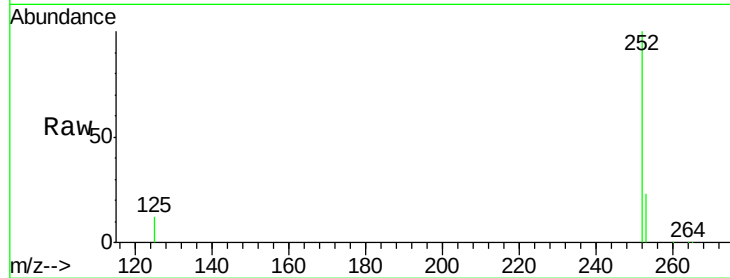
Tot Ion:252 Resp: 179043

Ion Ratio Lower Upper

252 100

253 22.7 18.3 27.5

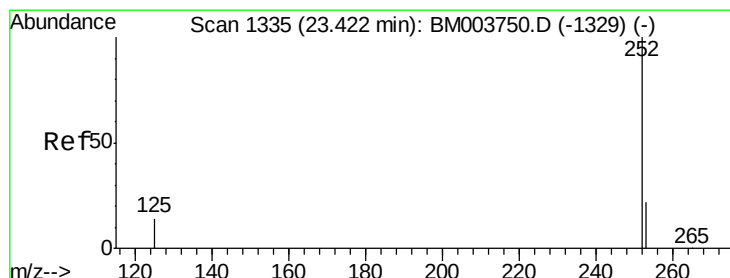
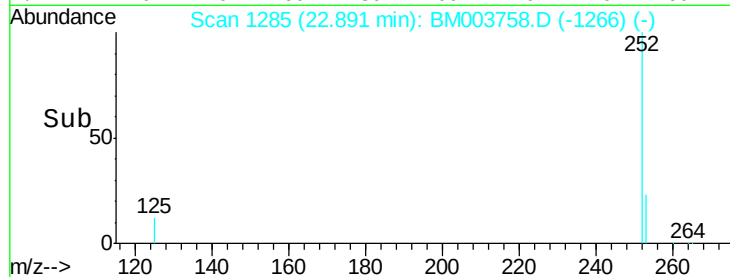
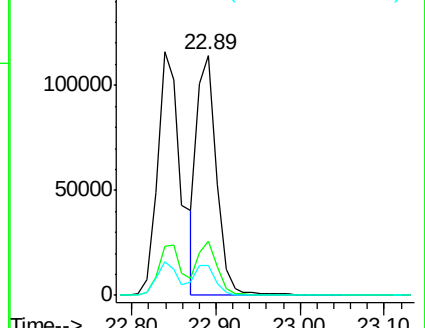
125 12.2 10.6 15.8



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: 4.08 ng

RT: 23.41 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BM003758.D

Acq: 24 Dec 2015 01:37

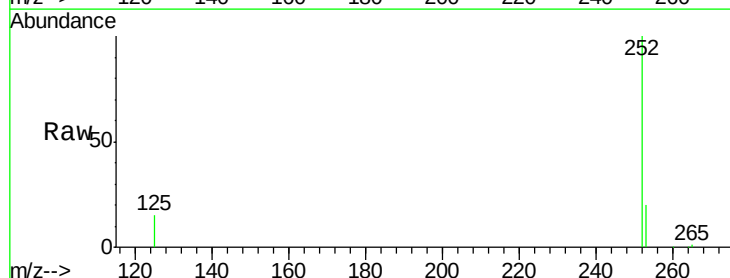
Tgt Ion:252 Resp: 179956

Ion Ratio Lower Upper

252 100

253 20.4 18.7 28.1

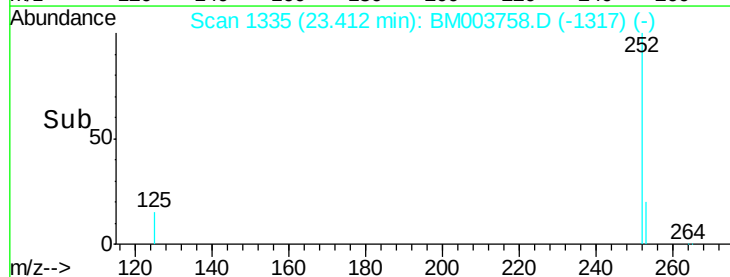
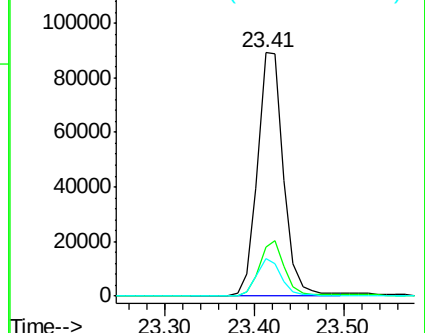
125 15.3 11.8 17.8

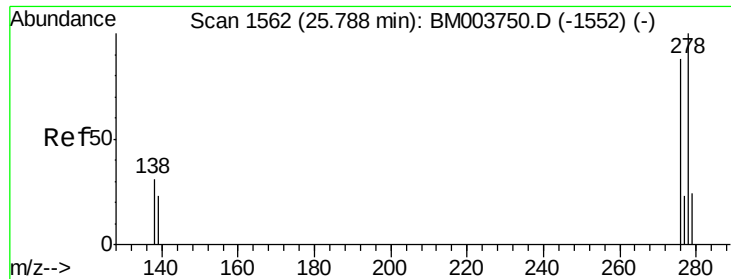


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 3.94 ng

RT: 25.78 min Scan# 1562

Delta R.T. -0.01 min

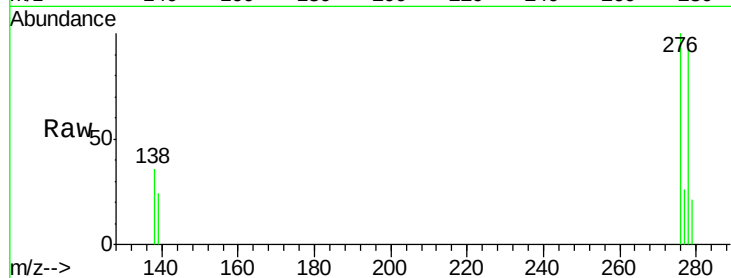
Lab File: BM003758.D

Acq: 24 Dec 2015 01:37

Instrument :

BNA_M

ClientSampleId :



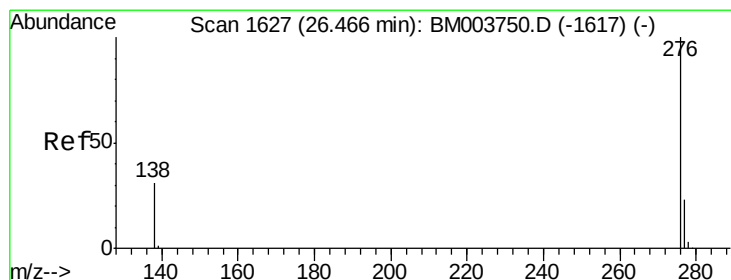
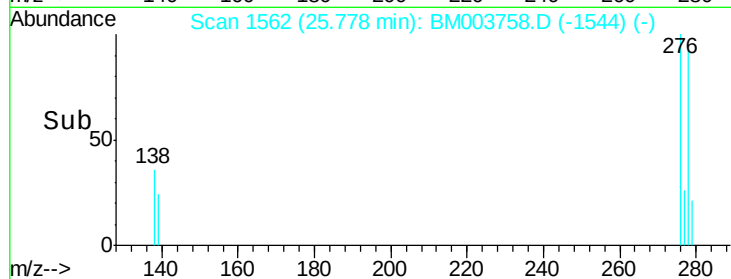
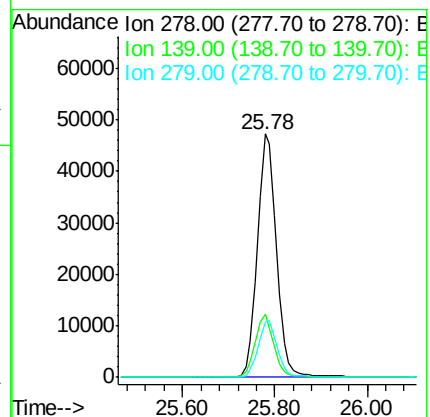
Tot Ion:278 Resp: 135662

Ion Ratio Lower Upper

278 100

139 25.7 19.0 28.6

279 22.9 19.6 29.4



#40

Benzo(g,h,i)perylene

Concen: 3.86 ng

RT: 26.46 min Scan# 1627

Delta R.T. -0.01 min

Lab File: BM003758.D

Acq: 24 Dec 2015 01:37

Tgt Ion:276 Resp: 138449

Ion Ratio Lower Upper

276 100

277 22.6 19.1 28.7

138 33.4 25.0 37.4

