

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122415\
 Data File : BM003772.D
 Acq On : 24 Dec 2015 10:49
 Operator : UM/SJ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 24 14:58:24 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	43354	5.00	ng	0.00
7) Naphthalene-d8	10.48	136	180812	5.00	ng	0.00
13) Acenaphthene-d10	14.33	164	104498	5.00	ng	0.00
19) Phenanthrene-d10	17.09	188	198956	5.00	ng	0.03
26) Chrysene-d12	21.29	240	228245	5.00	ng	0.00
35) Perylene-d12	23.53	264	194987	5.00	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.28	112	8493	0.83	ng	0.02
5) Phenol-d6	6.87	99	10126	0.81	ng	0.00
8) Nitrobenzene-d5	8.85	82	7727	0.81	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	2308	0.84	ng	0.00
15) 2-Fluorobiphenyl	12.95	172	27226	0.85	ng	0.00
29) Terphenyl-d14	19.72	244	30672	0.79	ng	0.00

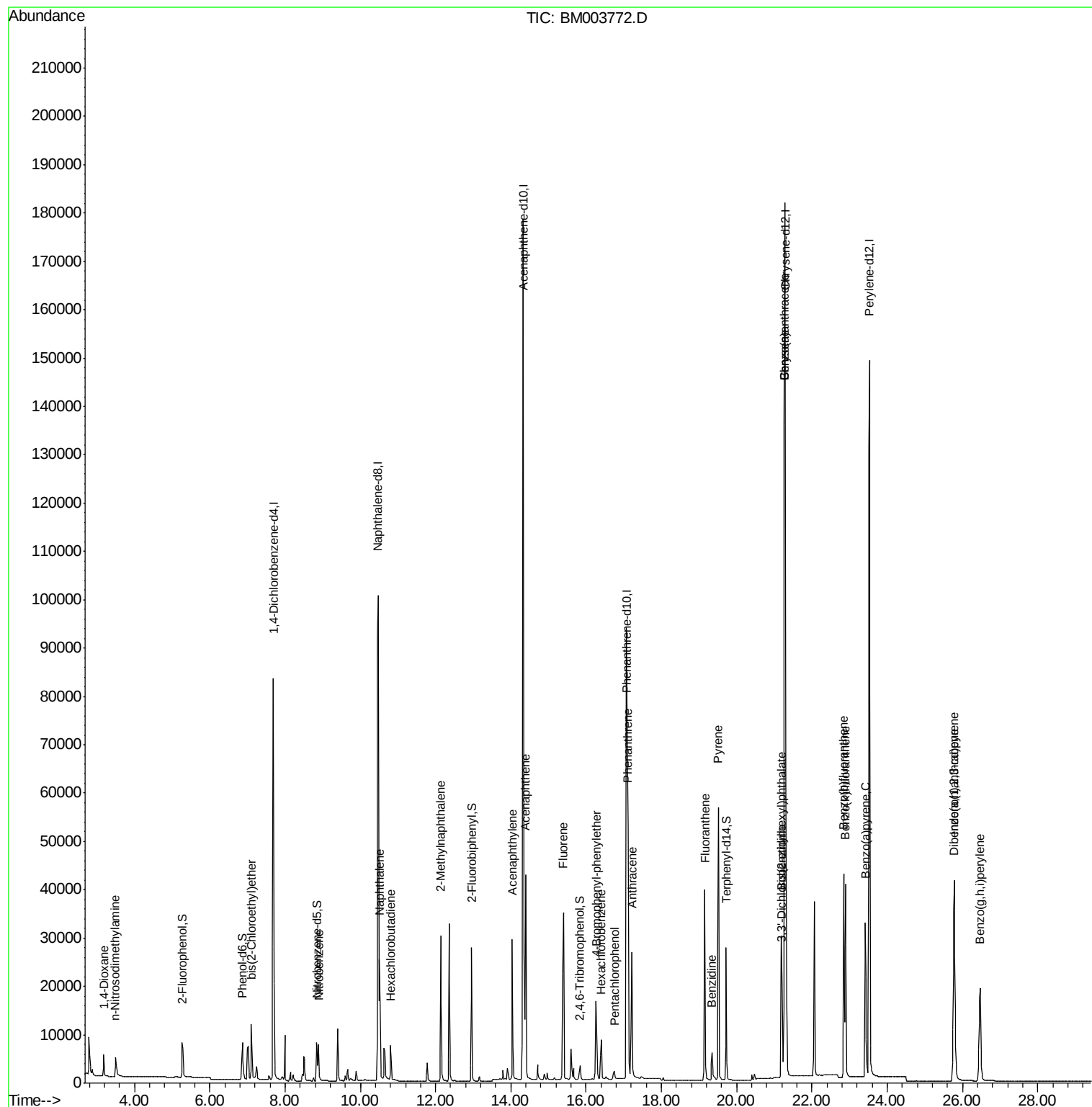
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.18	88	3825	0.91	ng	99
3) n-Nitrosodimethylamine	3.49	42	3823	0.83	ng	100
6) bis(2-Chloroethyl)ether	7.11	93	9272	0.83	ng	99
9) Nitrobenzene	8.89	77	8733	0.80	ng	100
10) Naphthalene	10.51	128	36339	0.88	ng	100
11) Hexachlorobutadiene	10.80	225	5635	0.88	ng	100
12) 2-Methylnaphthalene	12.14	142	23910	0.87	ng	99
16) Acenaphthylene	14.04	152	38017	0.80	ng	100
17) Acenaphthene	14.39	154	26776	0.92	ng	99
18) Fluorene	15.39	166	30357	0.86	ng	100
20) 4-Bromophenyl-phenylether	16.27	248	9775	1.13	ng	95
21) Hexachlorobenzene	16.40	284	9790	1.19	ng	# 99
22) Pentachlorophenol	16.76	266	2218	0.87	ng	98
23) Phenanthrene	17.11	178	61848	1.14	ng	100
24) Anthracene	17.22	178	42087	0.91	ng	100
25) Fluoranthene	19.16	202	56061	0.96	ng	100
27) Benzidine	19.35	184	12036	0.90	ng	99
28) Pyrene	19.52	202	60740	0.77	ng	100
30) Benzo(a)anthracene	21.27	228	55481	0.81	ng	96
31) 3,3'-Dichlorobenzidine	21.21	252	15934	0.89	ng	# 93
32) Chrysene	21.27	228	55480	0.77	ng	# 88
33) Bis(2-ethylhexyl)phthalate	21.19	149	30325	0.78	ng	# 98
34) Indeno(1,2,3-cd)pyrene	25.78	276	46786	0.97	ng	99
36) Benzo(b)fluoranthene	22.85	252	53291	0.84	ng	98
37) Benzo(k)fluoranthene	22.89	252	49723	0.85	ng	99
38) Benzo(a)pyrene	23.42	252	45624	0.84	ng	99
39) Dibenzo(a,h)anthracene	25.79	278	37546	0.88	ng	99
40) Benzo(g,h,i)perylene	26.47	276	39287	0.88	ng	98

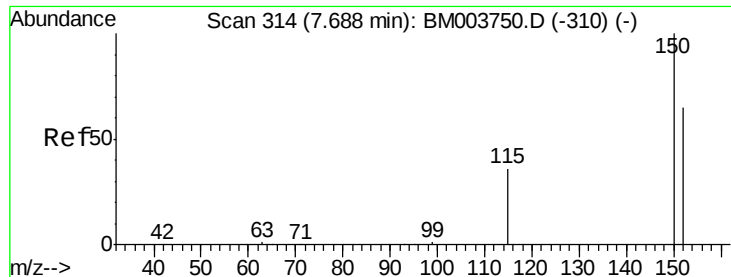
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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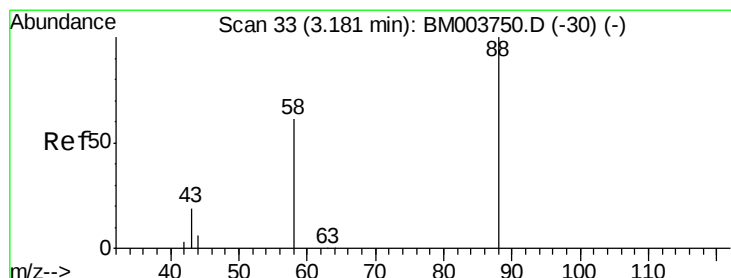
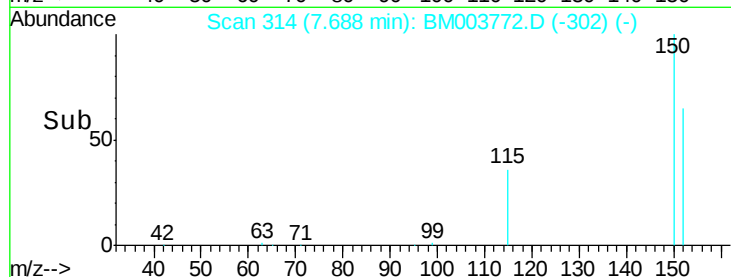
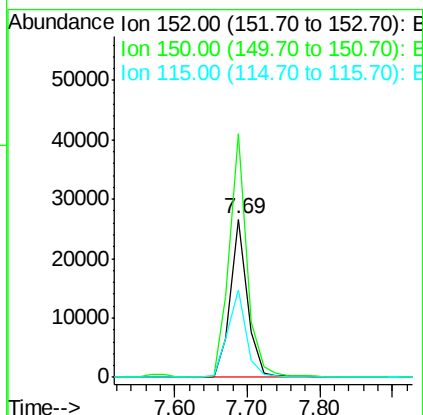
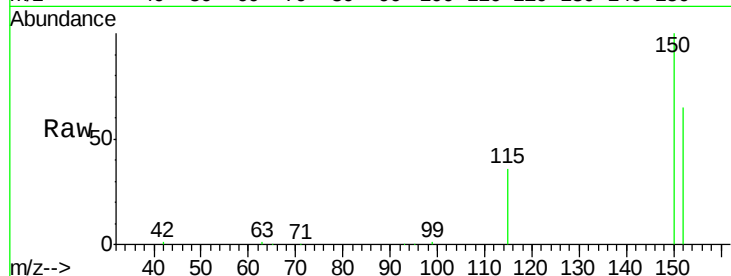


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.69 min Scan# 314
Delta R.T. 0.00 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

Instrument :
BNA_M
ClientSampleId :

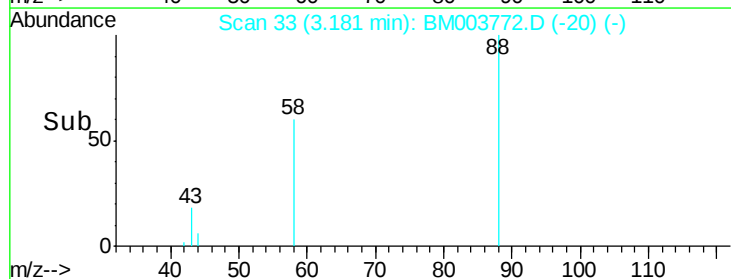
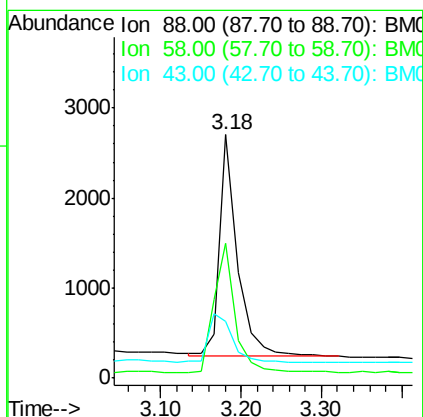
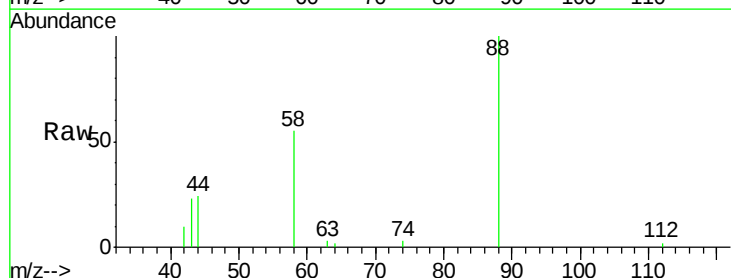
Tot Ion:152 Resp: 43354
Ion Ratio Lower Upper
152 100
150 153.9 122.9 184.3
115 55.1 44.4 66.6

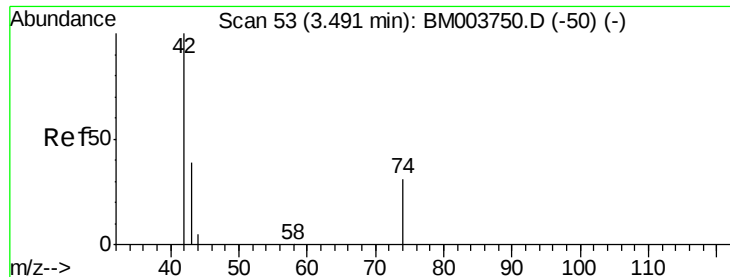


#2

1,4-Dioxane
Concen: 0.91 ng
RT: 3.18 min Scan# 33
Delta R.T. 0.00 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

Tgt Ion: 88 Resp: 3825
Ion Ratio Lower Upper
88 100
58 68.1 53.8 80.6
43 30.0 23.8 35.6





#3

n-Nitrosodimethylamine

Concen: 0.83 ng

RT: 3.49 min Scan# 53

Delta R.T. 0.00 min

Lab File: BM003772.D

Acq: 24 Dec 2015 10:49

Instrument :

BNA_M

ClientSampled :

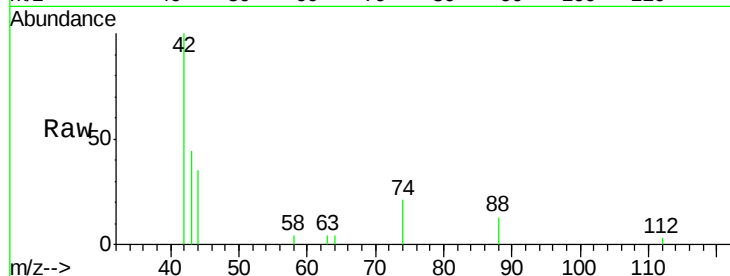
Tot Ion: 42 Resp: 3823

Ion Ratio Lower Upper

42 100

74 119.2 95.0 142.4

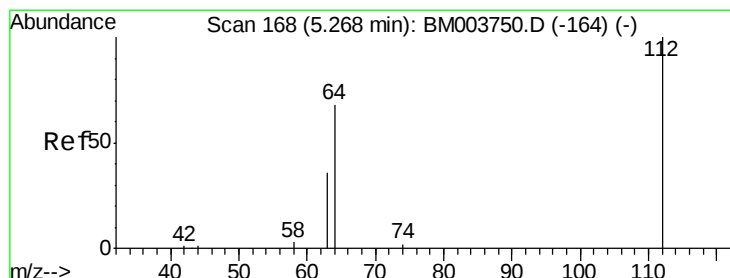
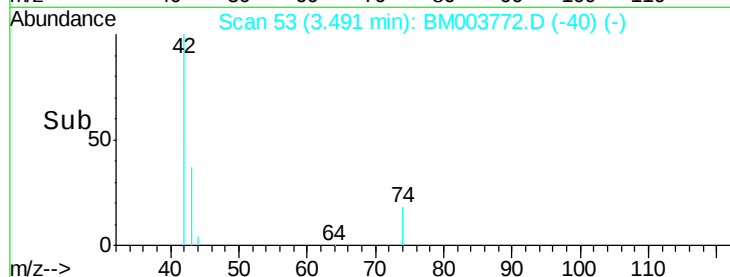
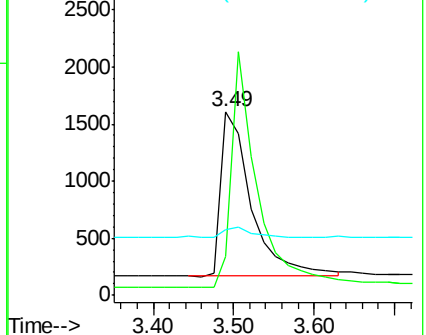
44 6.2 5.1 7.7



Abundance Ion 42.00 (41.70 to 42.70): BM003772.D (-40) (-)

Ion 74.00 (73.70 to 74.70): BM003772.D (-40) (-)

Ion 44.00 (43.70 to 44.70): BM003772.D (-40) (-)



#4

2-Fluorophenol

Concen: 0.83 ng

RT: 5.28 min Scan# 169

Delta R.T. 0.02 min

Lab File: BM003772.D

Acq: 24 Dec 2015 10:49

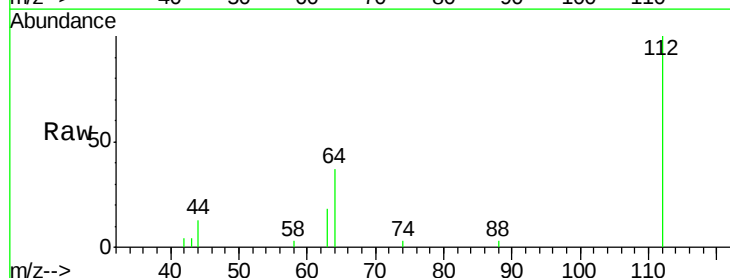
Tgt Ion: 112 Resp: 8493

Ion Ratio Lower Upper

112 100

64 52.3 41.8 62.8

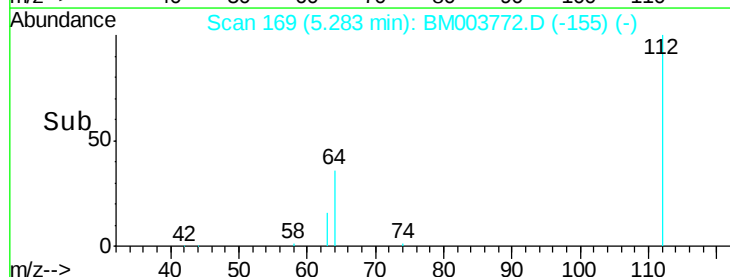
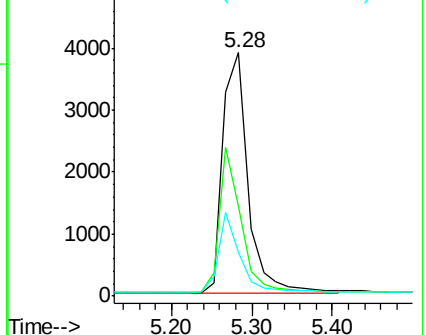
63 27.6 22.1 33.1

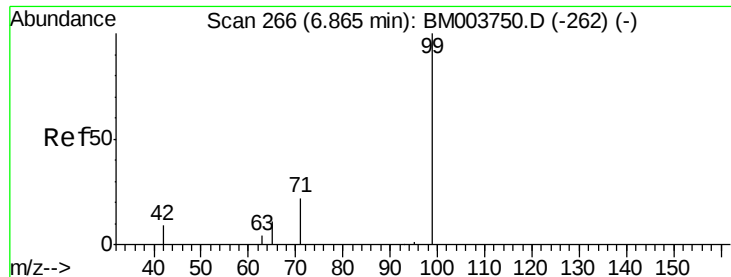


Abundance Ion 112.00 (111.70 to 112.70): BM003772.D (-155) (-)

Ion 64.00 (63.70 to 64.70): BM003772.D (-155) (-)

Ion 63.00 (62.70 to 63.70): BM003772.D (-155) (-)





#5

Phenol-d6

Concen: 0.81 ng

RT: 6.87 min Scan# 266

Delta R.T. 0.00 min

Lab File: BM003772.D

Acq: 24 Dec 2015 10:49

Instrument :

BNA_M

ClientSampleId :

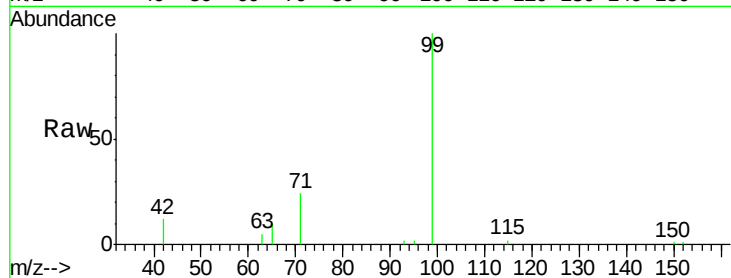
Tot Ion: 99 Resp: 10126

Ion Ratio Lower Upper

99 100

42 19.8 16.2 24.2

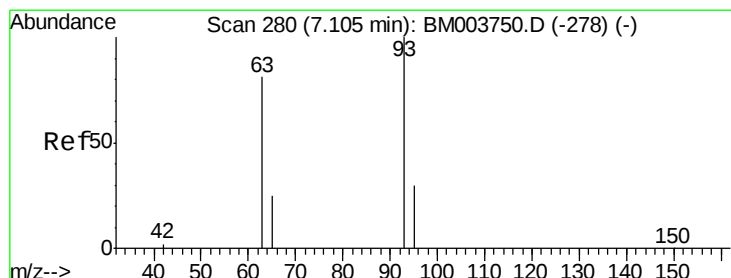
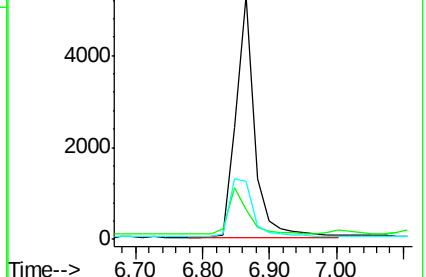
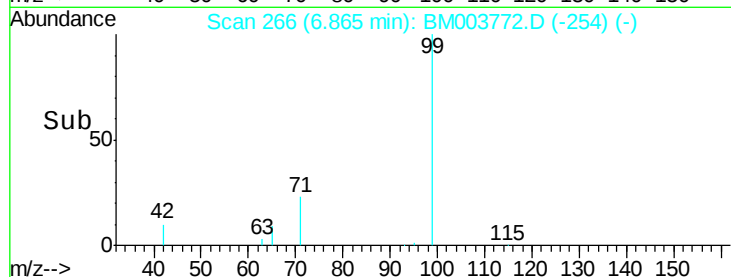
71 30.7 24.4 36.6



Abundance Ion 99.00 (98.70 to 99.70): BM003772.D (-254) (-)

Ion 42.00 (41.70 to 42.70): BM003772.D (-254) (-)

Ion 71.00 (70.70 to 71.70): BM003772.D (-254) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.83 ng

RT: 7.11 min Scan# 280

Delta R.T. 0.00 min

Lab File: BM003772.D

Acq: 24 Dec 2015 10:49

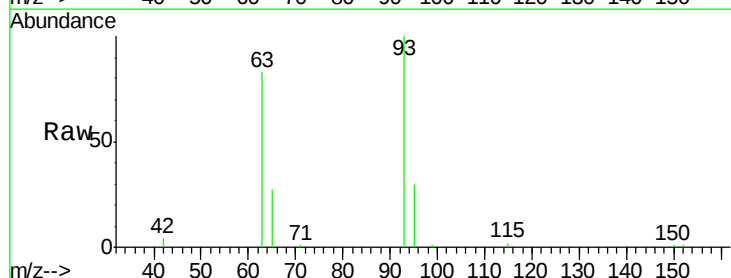
Tgt Ion: 93 Resp: 9272

Ion Ratio Lower Upper

93 100

63 73.0 58.3 87.5

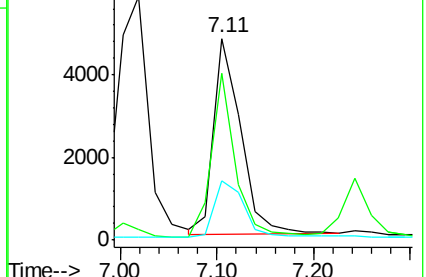
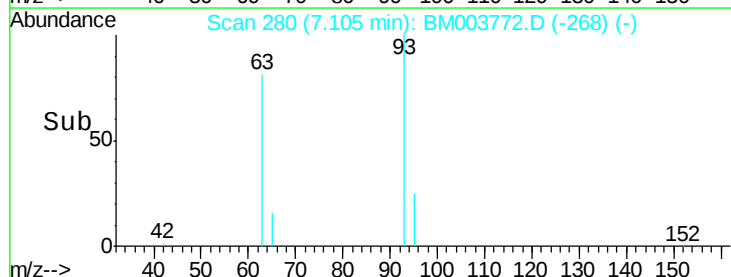
95 33.5 25.8 38.8

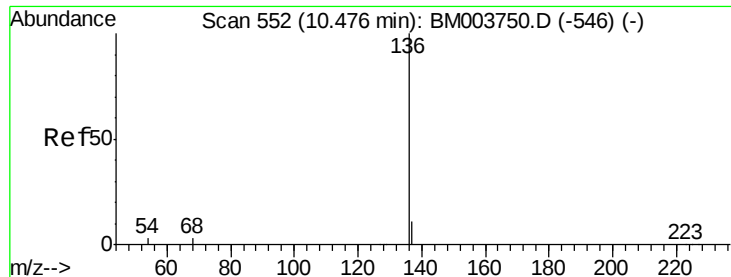


Abundance Ion 93.00 (92.70 to 93.70): BM003772.D (-268) (-)

Ion 63.00 (62.70 to 63.70): BM003772.D (-268) (-)

Ion 95.00 (94.70 to 95.70): BM003772.D (-268) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.48 min Scan# 552

Delta R.T. 0.00 min

Lab File: BM003772.D

Acq: 24 Dec 2015 10:49

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 180812

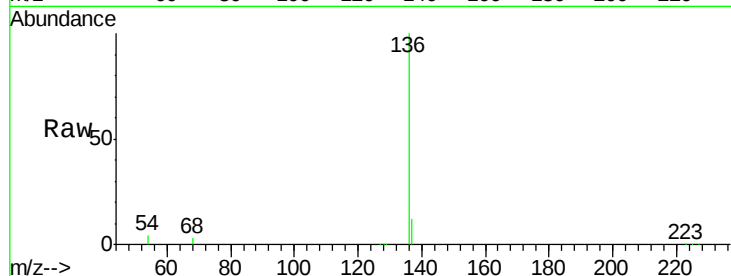
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 3.6 2.8 4.2

68 3.2 2.5 3.7

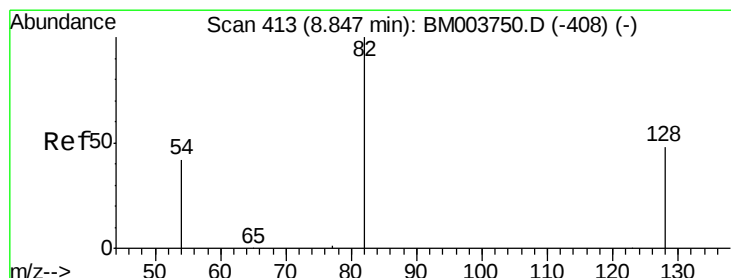
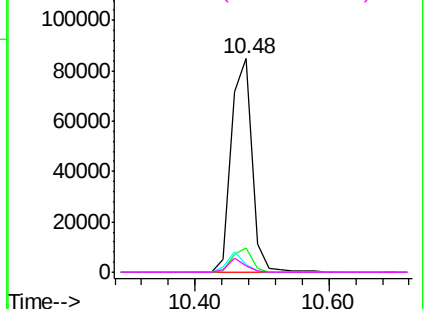
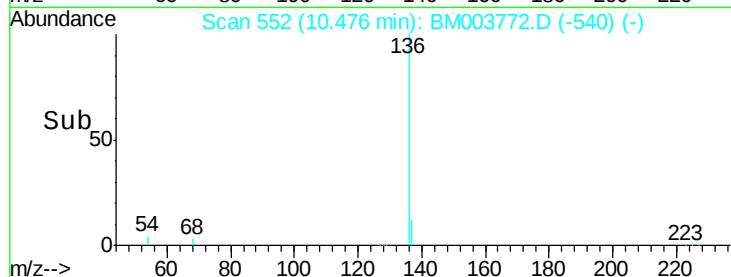


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#8

Nitrobenzene-d5

Concen: 0.81 ng

RT: 8.85 min Scan# 413

Delta R.T. 0.00 min

Lab File: BM003772.D

Acq: 24 Dec 2015 10:49

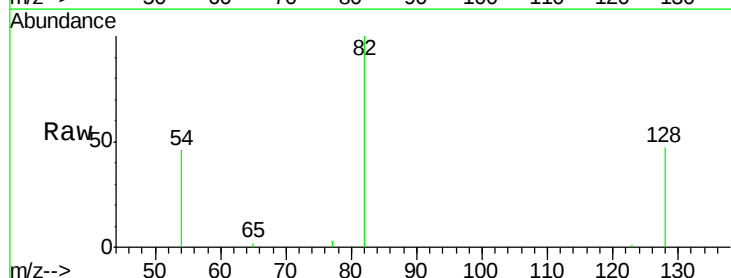
Tgt Ion: 82 Resp: 7727

Ion Ratio Lower Upper

82 100

128 46.8 39.1 58.7

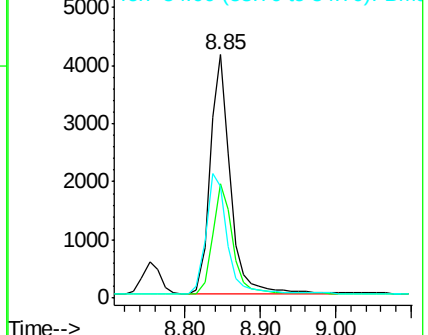
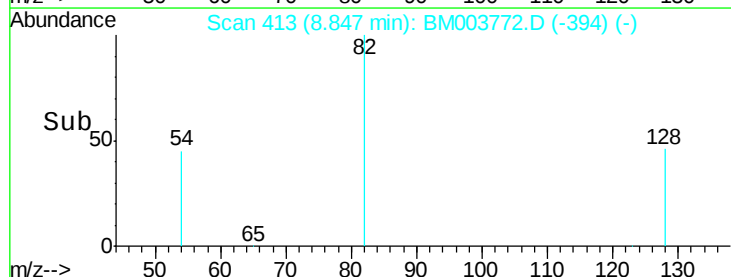
54 46.2 34.8 52.2

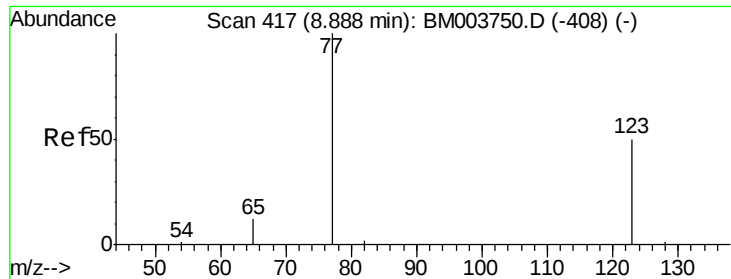


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 0.80 ng

RT: 8.89 min Scan# 417

Delta R.T. 0.00 min

Lab File: BM003772.D

Acq: 24 Dec 2015 10:49

Instrument :

BNA_M

ClientSampleId :

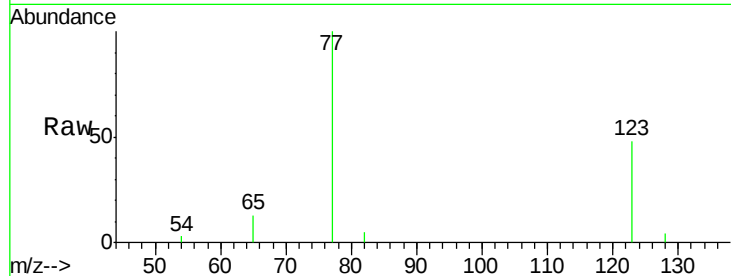
Tot Ion: 77 Resp: 8733

Ion Ratio Lower Upper

77 100

123 48.3 38.6 57.8

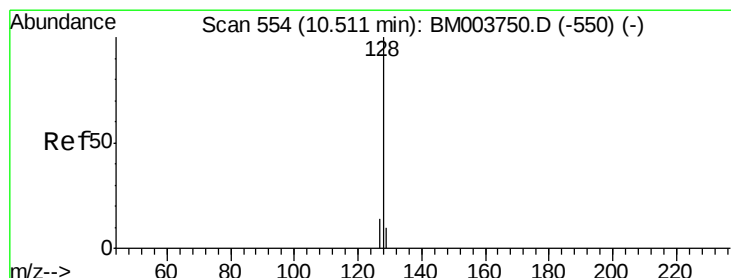
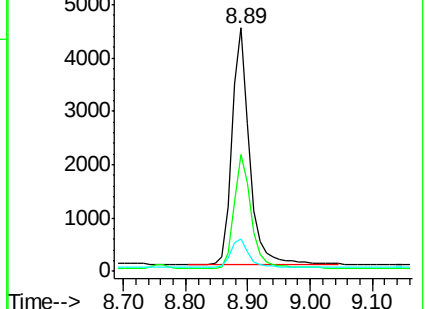
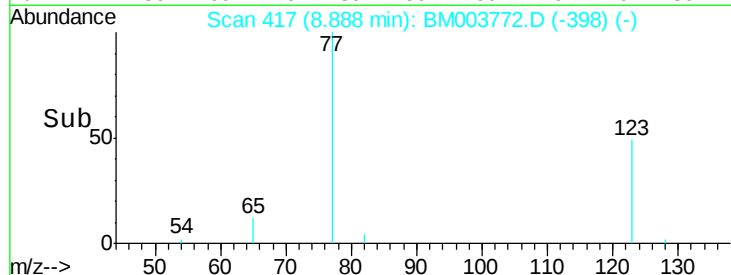
65 12.8 9.9 14.9



Abundance Ion 77.00 (76.70 to 77.70): BM003772.D (-398) (-)

Ion 123.00 (122.70 to 123.70): BM003772.D (-398) (-)

Ion 65.00 (64.70 to 65.70): BM003772.D (-398) (-)



#10

Naphthalene

Concen: 0.88 ng

RT: 10.51 min Scan# 554

Delta R.T. 0.00 min

Lab File: BM003772.D

Acq: 24 Dec 2015 10:49

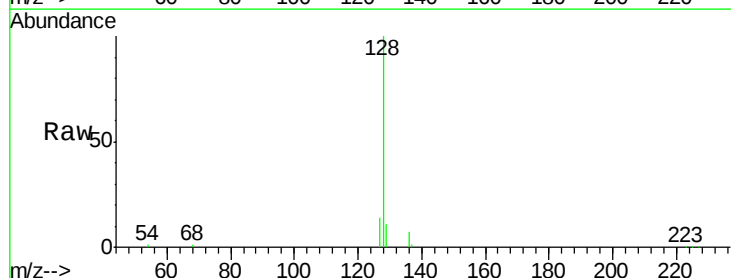
Tgt Ion: 128 Resp: 36339

Ion Ratio Lower Upper

128 100

129 10.7 8.5 12.7

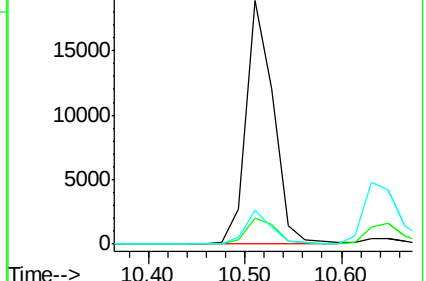
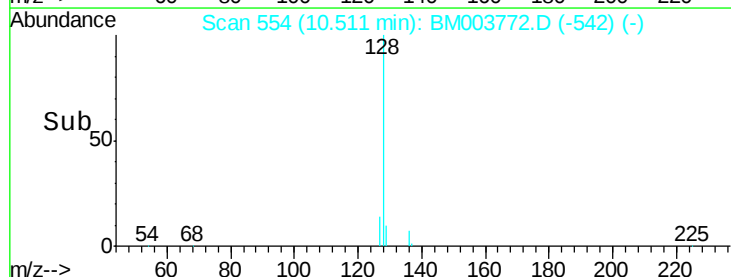
127 13.9 11.0 16.4

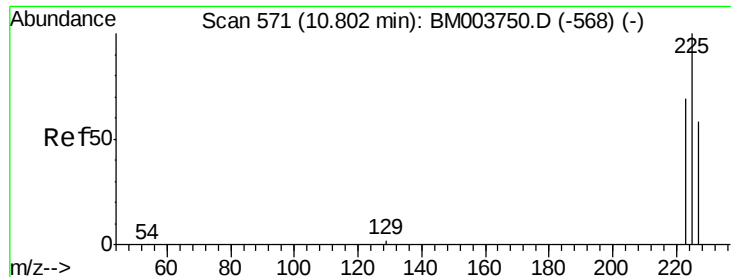


Abundance Ion 128.00 (127.70 to 128.70): BM003772.D (-542) (-)

Ion 129.00 (128.70 to 129.70): BM003772.D (-542) (-)

Ion 127.00 (126.70 to 127.70): BM003772.D (-542) (-)

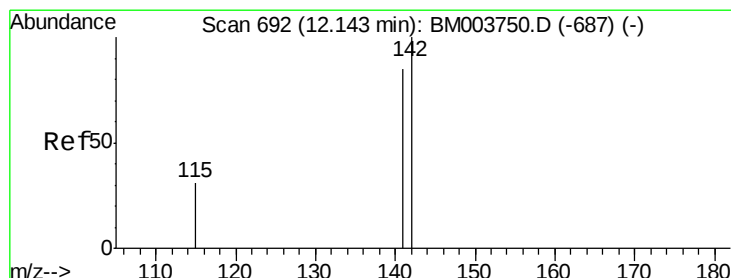
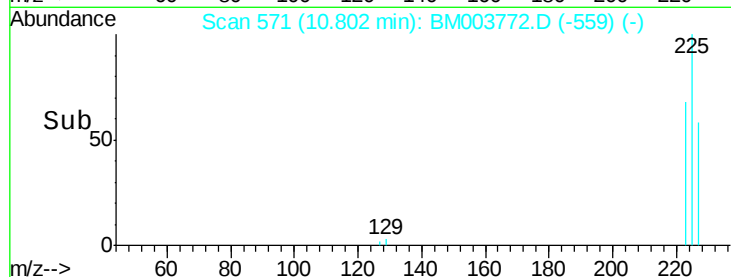
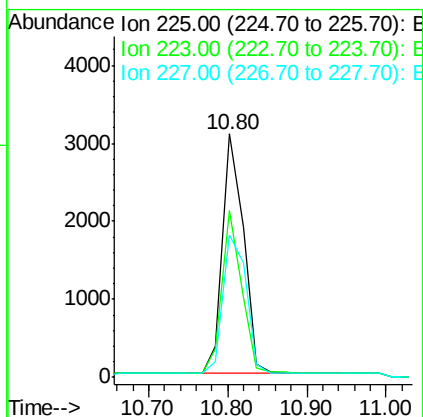
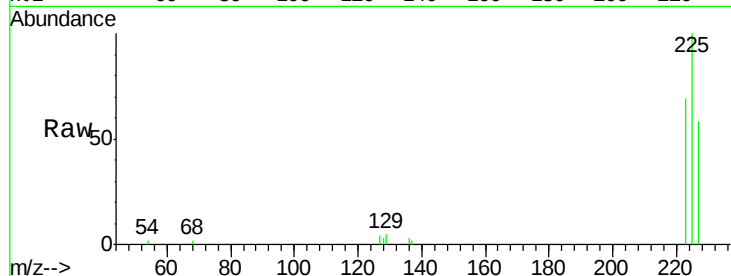




#11
Hexachlorobutadiene
Concen: 0.88 ng
RT: 10.80 min Scan# 571
Delta R.T. 0.00 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

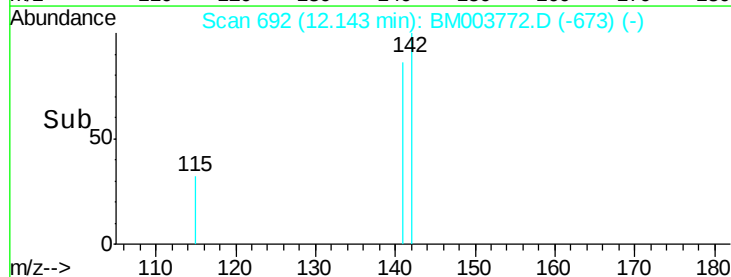
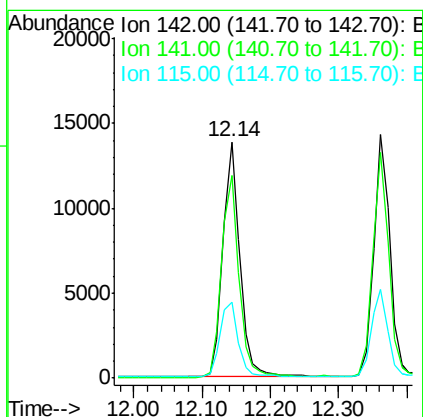
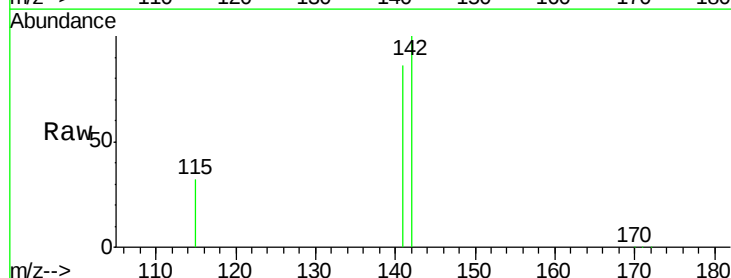
Instrument :
BNA_M
ClientSampleId :

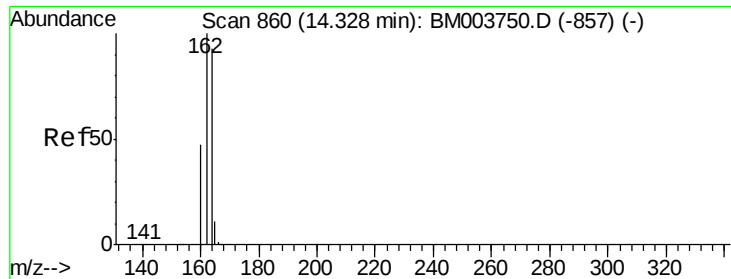
Tot Ion:225 Resp: 5635
Ion Ratio Lower Upper
225 100
223 63.0 50.9 76.3
227 63.9 51.2 76.8



#12
2-Methylnaphthalene
Concen: 0.87 ng
RT: 12.14 min Scan# 692
Delta R.T. 0.00 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

Tgt Ion:142 Resp: 23910
Ion Ratio Lower Upper
142 100
141 85.7 67.8 101.8
115 32.1 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: BM003772.D

Acq: 24 Dec 2015 10:49

Instrument :

BNA_M

ClientSampleId :

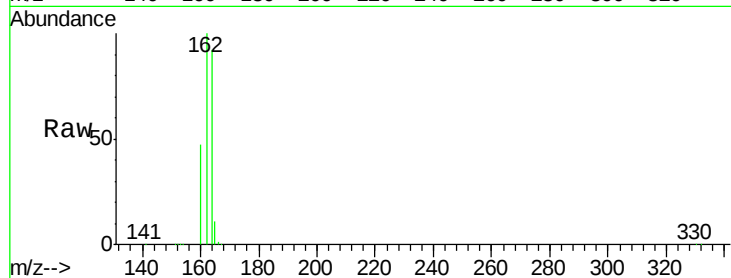
Tot Ion:164 Resp: 104498

Ion Ratio Lower Upper

164 100

162 108.2 86.0 129.0

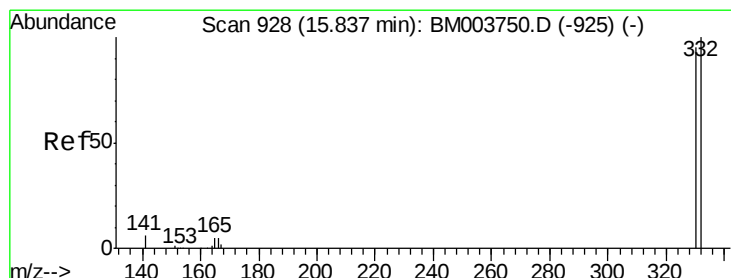
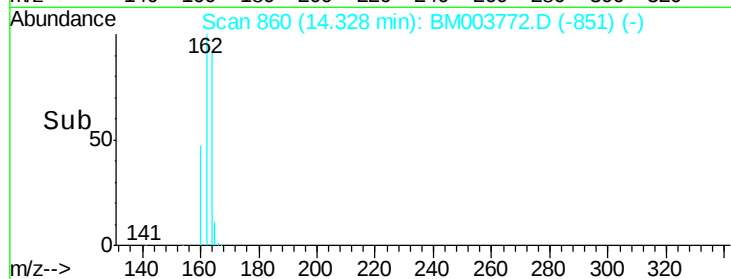
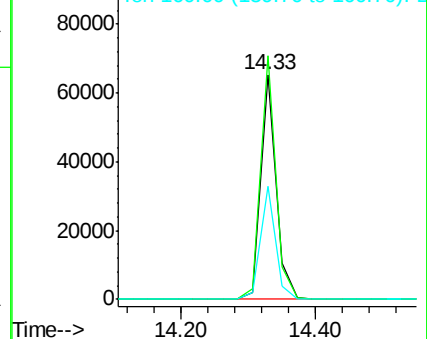
160 50.5 40.3 60.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.84 ng

RT: 15.84 min Scan# 928

Delta R.T. 0.00 min

Lab File: BM003772.D

Acq: 24 Dec 2015 10:49

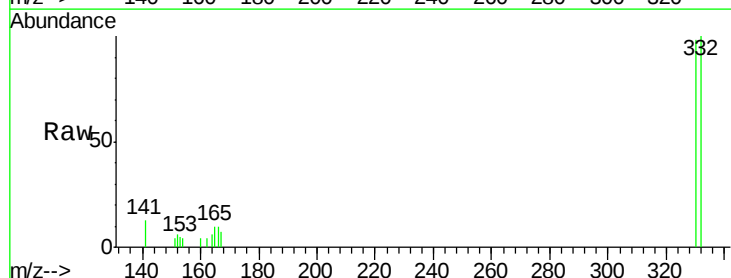
Tgt Ion:330 Resp: 2308

Ion Ratio Lower Upper

330 100

332 97.6 79.0 118.4

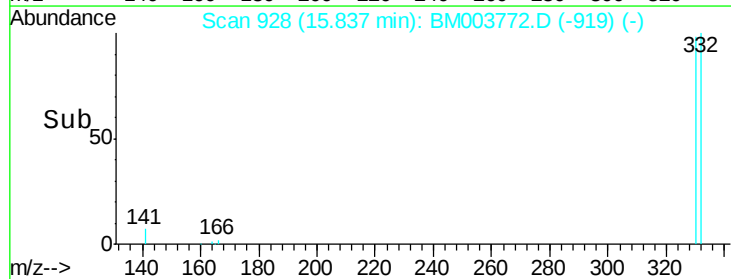
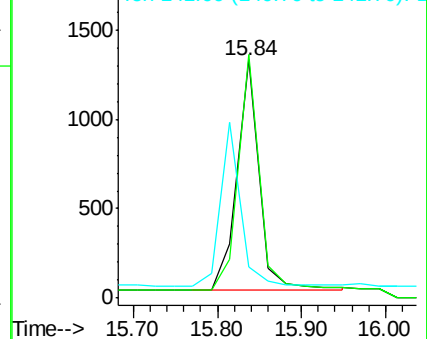
141 0.0 0.0 0.0

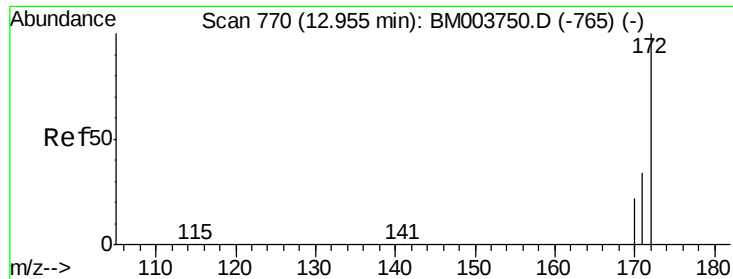


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

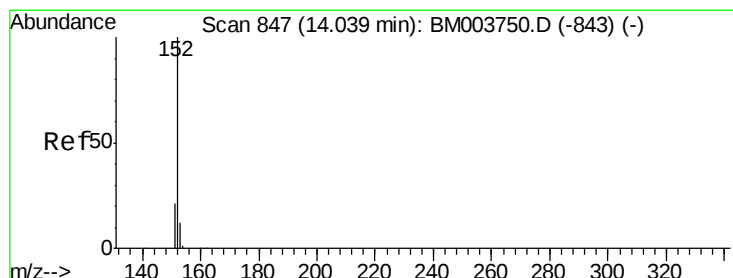
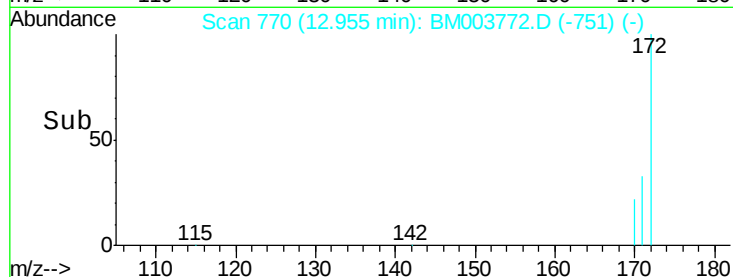
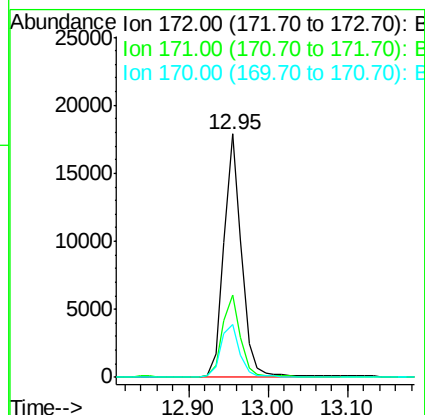
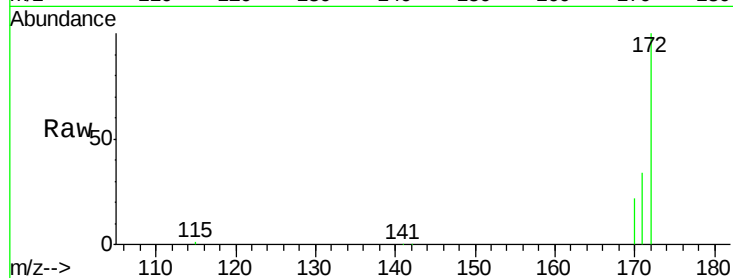




#15
2-Fluorobiphenyl
Concen: 0.85 ng
RT: 12.95 min Scan# 770
Delta R.T. 0.00 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

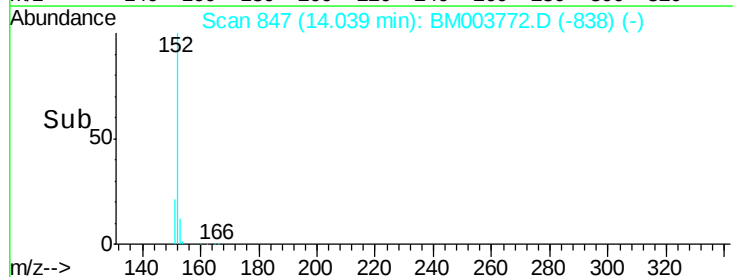
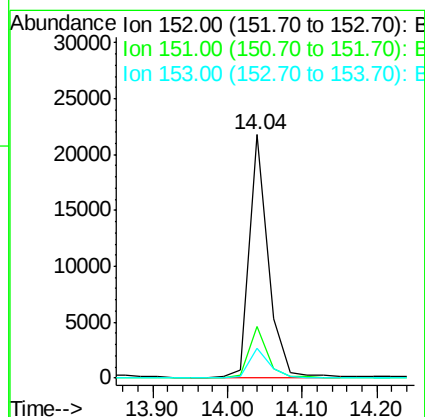
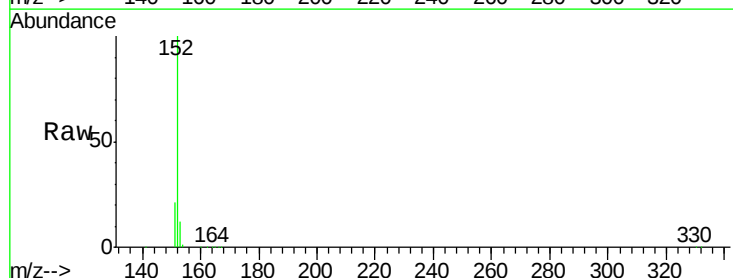
Instrument :
BNA_M
ClientSampleId :

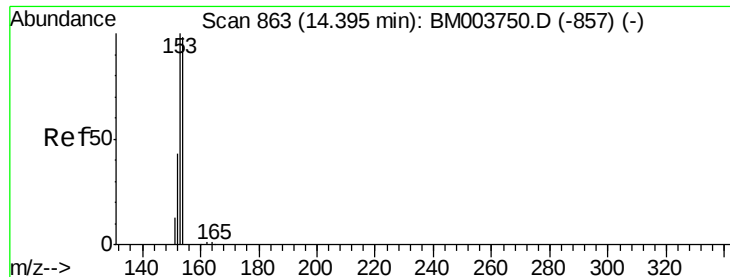
Tot Ion:172 Resp: 27226
Ion Ratio Lower Upper
172 100
171 33.7 27.0 40.6
170 21.8 17.9 26.9



#16
Acenaphthylene
Concen: 0.80 ng
RT: 14.04 min Scan# 847
Delta R.T. 0.00 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

Tgt Ion:152 Resp: 38017
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 12.8 10.2 15.4

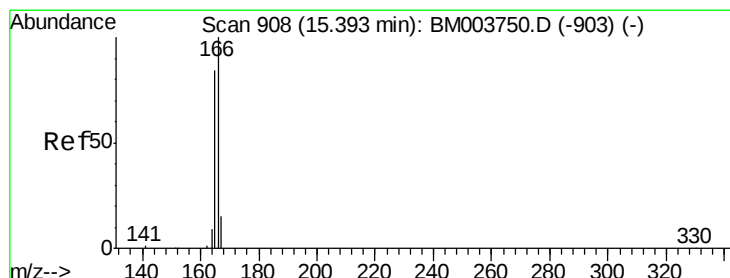
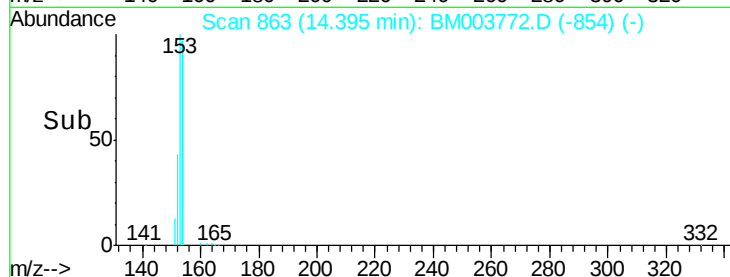
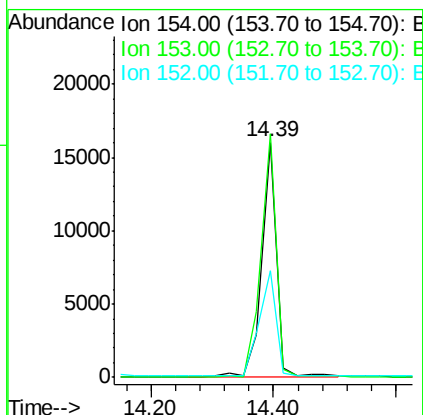
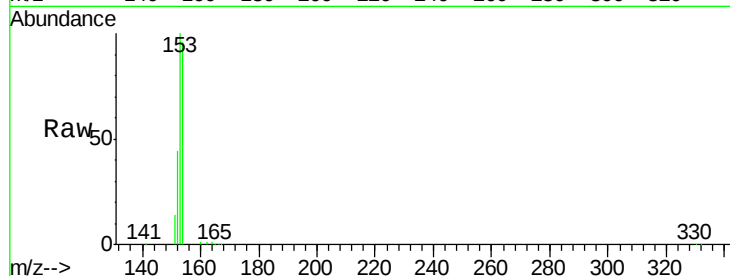




#17
Acenaphthene
Concen: 0.92 ng
RT: 14.39 min Scan# 863
Delta R.T. 0.00 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

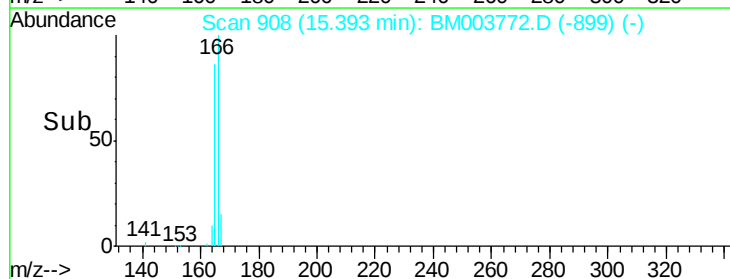
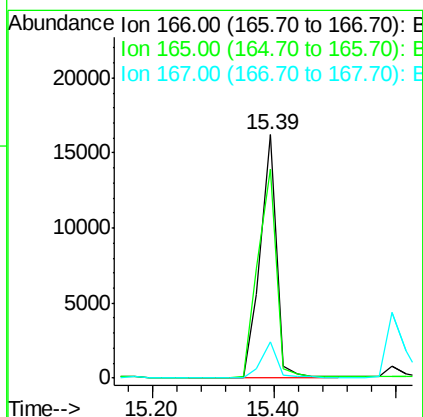
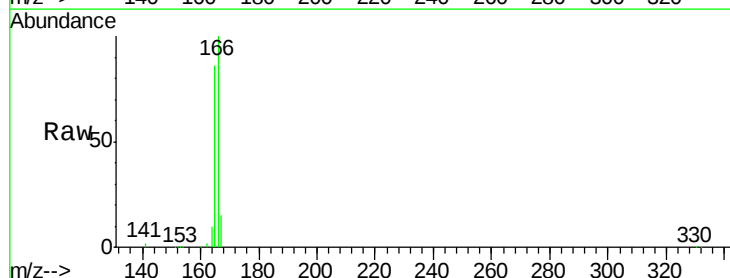
Instrument :
BNA_M
ClientSampleId :

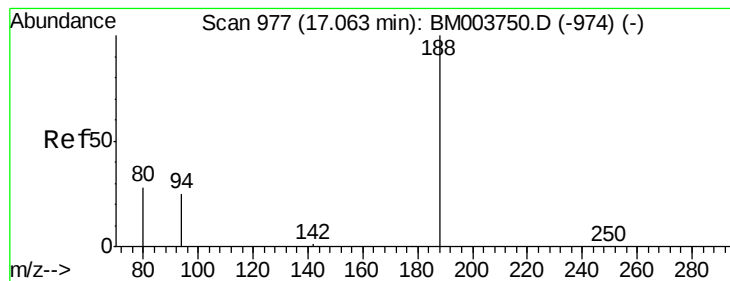
Tot Ion:154 Resp: 26776
Ion Ratio Lower Upper
154 100
153 107.6 85.4 128.2
152 51.0 40.6 60.8



#18
Fluorene
Concen: 0.86 ng
RT: 15.39 min Scan# 908
Delta R.T. 0.00 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

Tgt Ion:166 Resp: 30357
Ion Ratio Lower Upper
166 100
165 96.6 77.2 115.8
167 13.8 11.0 16.6





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.09 min Scan# 978

Delta R.T. 0.03 min

Lab File: BM003772.D

Acq: 24 Dec 2015 10:49

Instrument :

BNA_M

ClientSampleId :

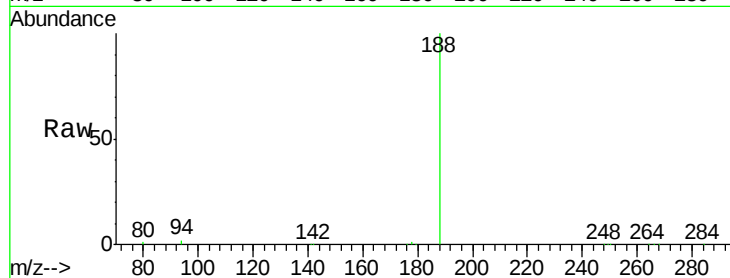
Tot Ion:188 Resp: 198956

Ion Ratio Lower Upper

188 100

94 1.9 20.3 30.5#

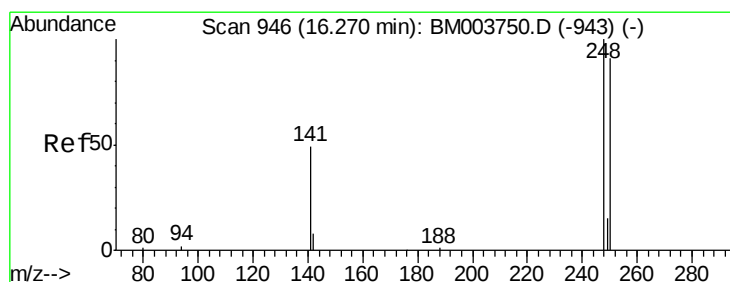
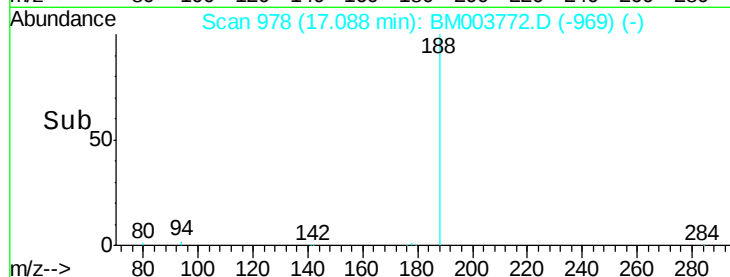
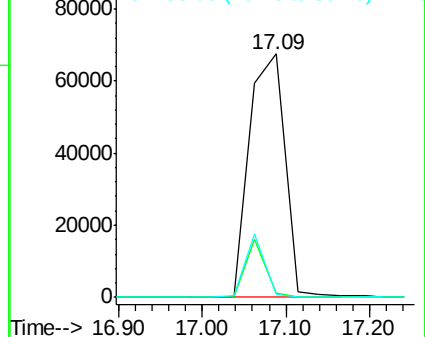
80 1.5 22.2 33.4#



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: 1.13 ng

RT: 16.27 min Scan# 946

Delta R.T. 0.00 min

Lab File: BM003772.D

Acq: 24 Dec 2015 10:49

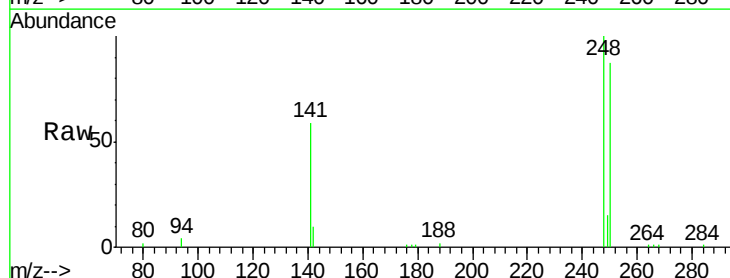
Tgt Ion:248 Resp: 9775

Ion Ratio Lower Upper

248 100

250 91.0 75.0 112.4

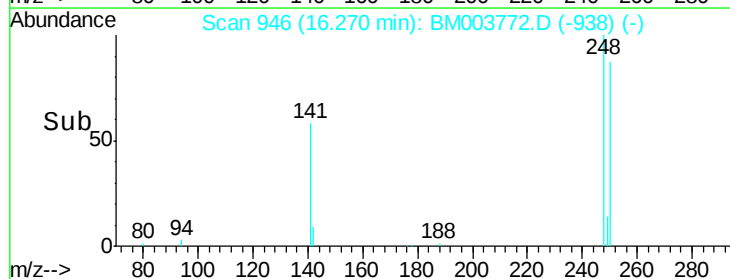
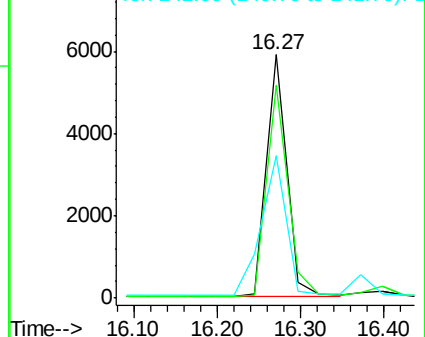
141 72.2 53.0 79.4

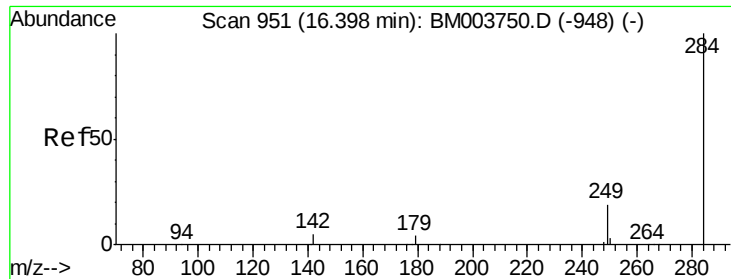


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

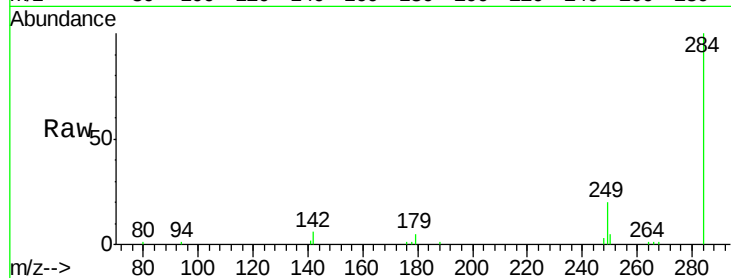




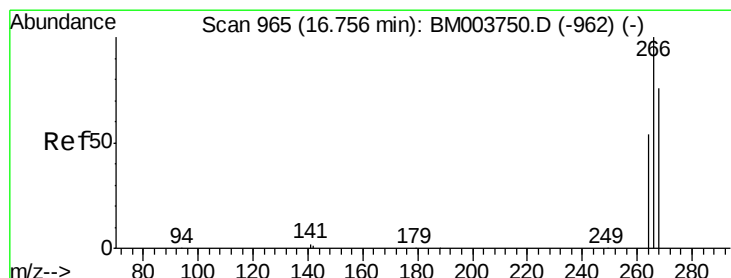
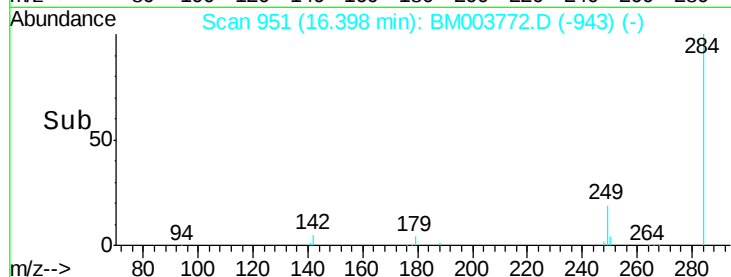
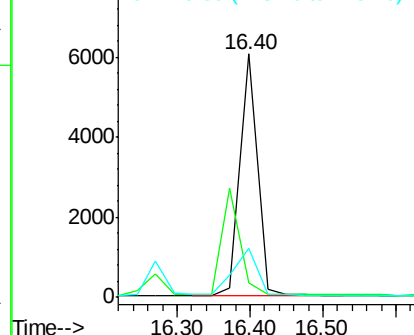
#21
Hexachlorobenzene
Concen: 1.19 ng
RT: 16.40 min Scan# 951
Delta R.T. 0.00 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

Instrument :
BNA_M
ClientSampleId :

Tot Ion:284 Resp: 9790
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 26.5 21.5 32.3

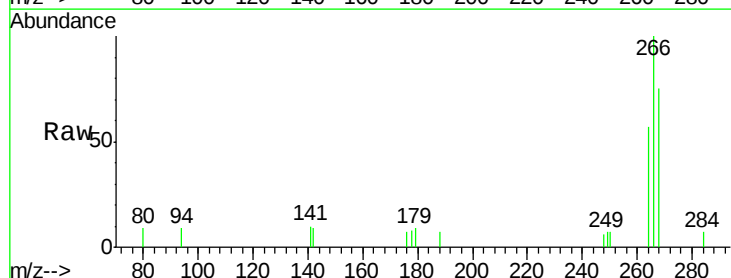


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

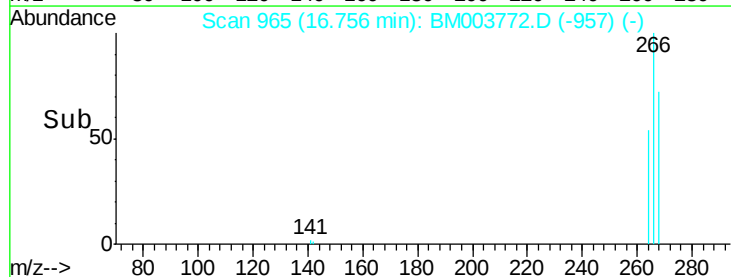
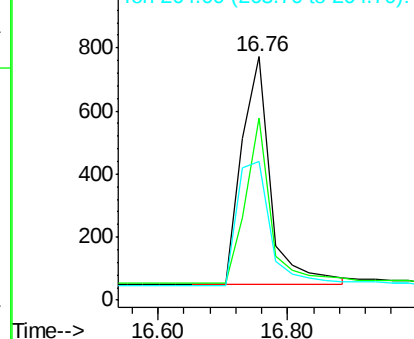


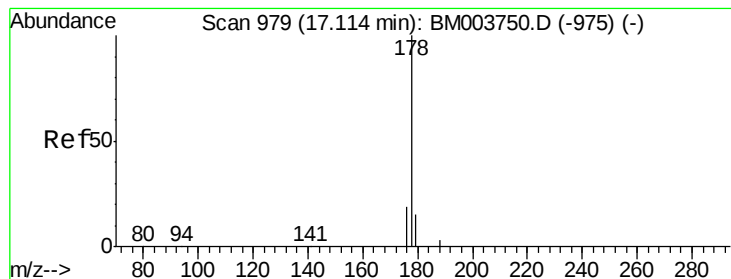
#22
Pentachlorophenol
Concen: 0.87 ng
RT: 16.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

Tgt Ion:266 Resp: 2218
Ion Ratio Lower Upper
266 100
268 74.9 62.7 94.1
264 57.0 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: 1.14 ng

RT: 17.11 min Scan# 979

Delta R.T. 0.00 min

Lab File: BM003772.D

Acq: 24 Dec 2015 10:49

Instrument :

BNA_M

ClientSampleId :

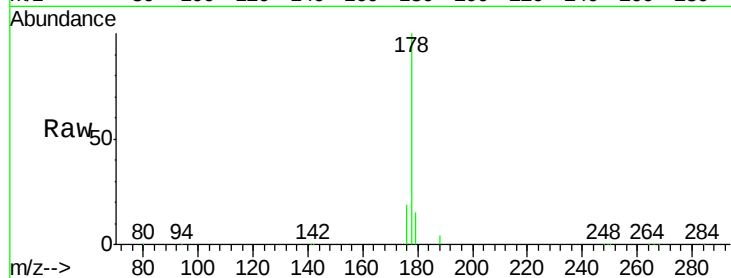
Tot Ion:178 Resp: 61848

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

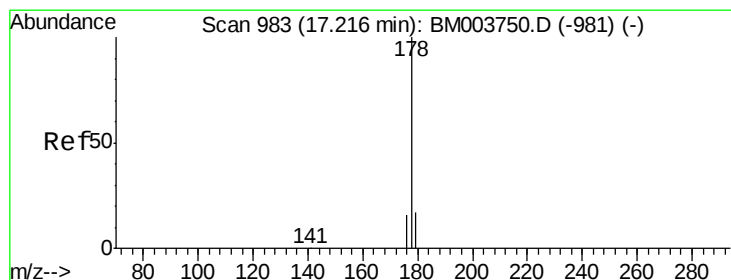
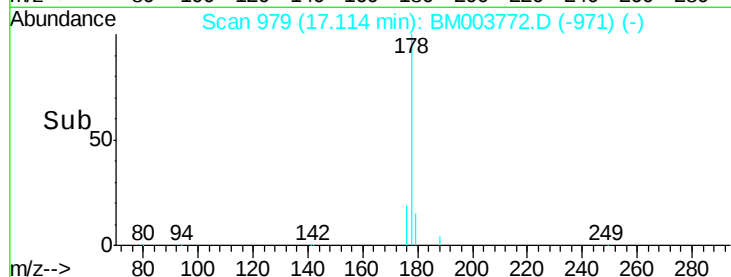
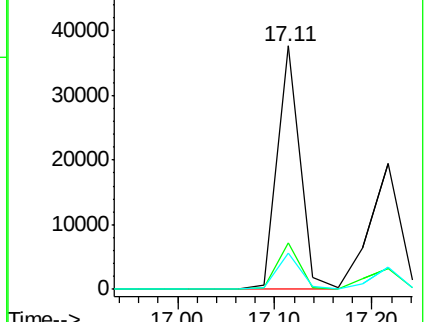
179 15.1 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.91 ng

RT: 17.22 min Scan# 983

Delta R.T. 0.00 min

Lab File: BM003772.D

Acq: 24 Dec 2015 10:49

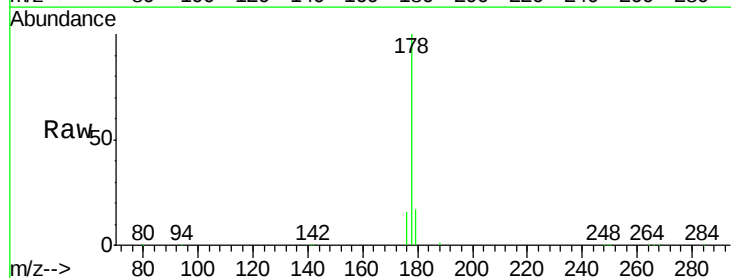
Tgt Ion:178 Resp: 42087

Ion Ratio Lower Upper

178 100

176 18.2 14.6 21.8

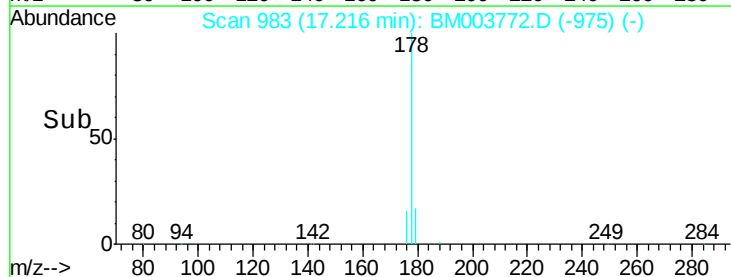
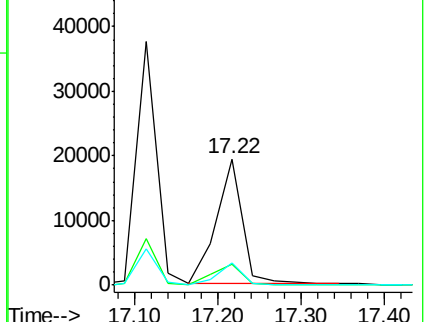
179 15.7 12.6 19.0

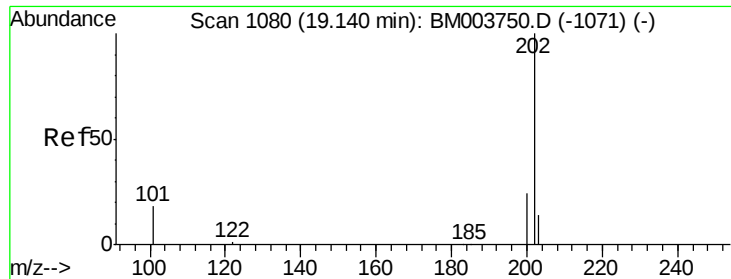


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.96 ng

RT: 19.16 min Scan# 1081

Delta R.T. 0.02 min

Lab File: BM003772.D

Acq: 24 Dec 2015 10:49

Instrument :

BNA_M

ClientSampleId :

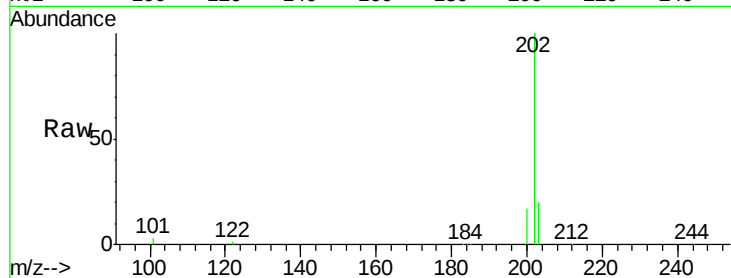
Tot Ion:202 Resp: 56061

Ion Ratio Lower Upper

202 100

101 12.1 9.7 14.5

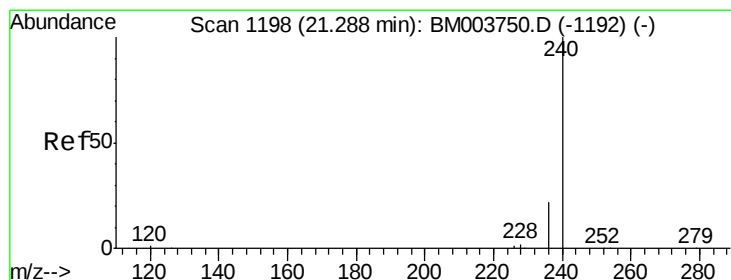
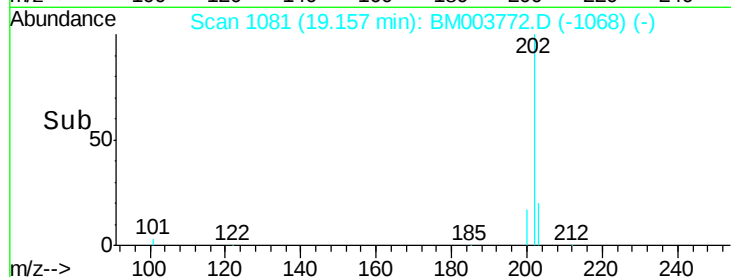
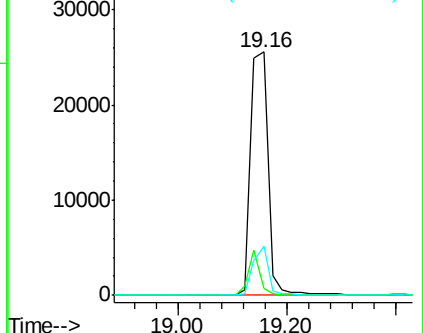
203 17.3 13.8 20.8



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: BM003772.D

Acq: 24 Dec 2015 10:49

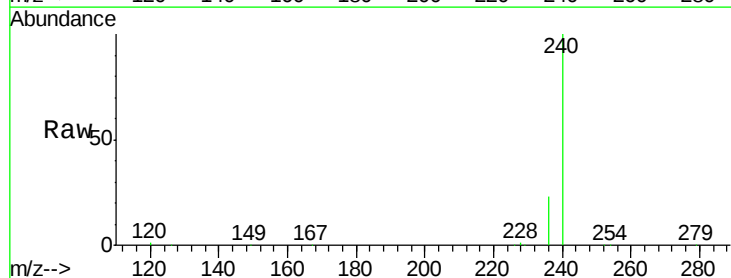
Tgt Ion:240 Resp: 228245

Ion Ratio Lower Upper

240 100

120 1.5 0.9 1.3#

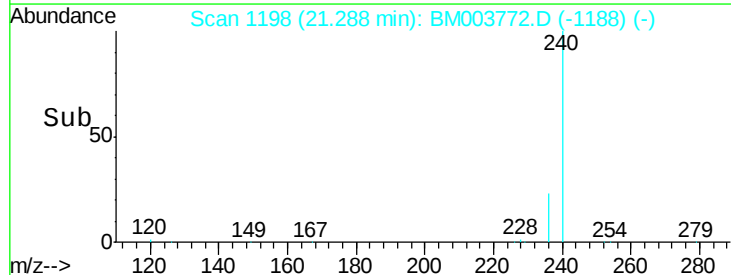
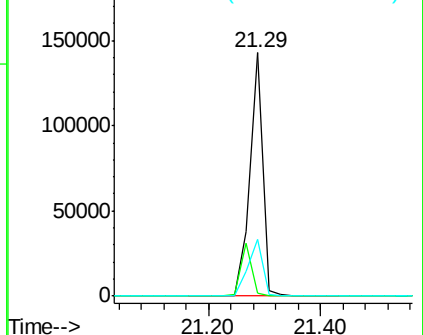
236 23.2 17.3 25.9

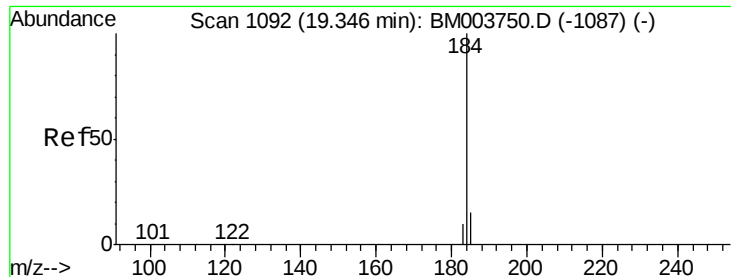


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.90 ng

RT: 19.35 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BM003772.D

Acq: 24 Dec 2015 10:49

Instrument :

BNA_M

ClientSampleId :

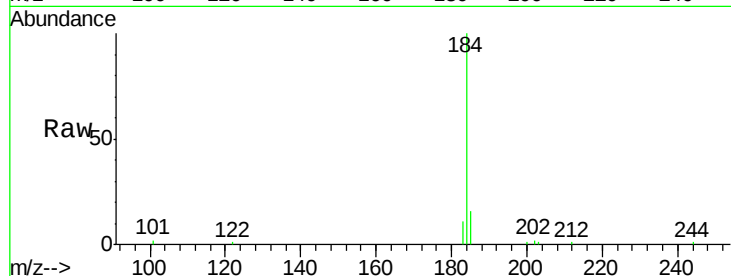
Tot Ion:184 Resp: 12036

Ion Ratio Lower Upper

184 100

185 15.9 13.2 19.8

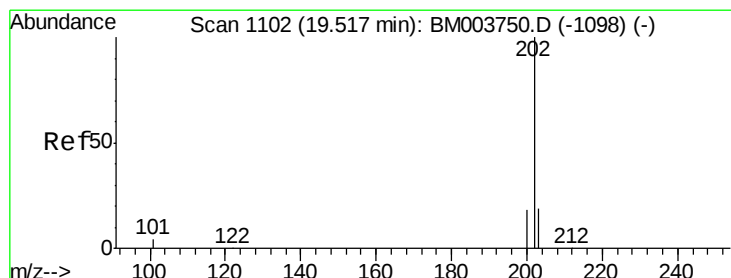
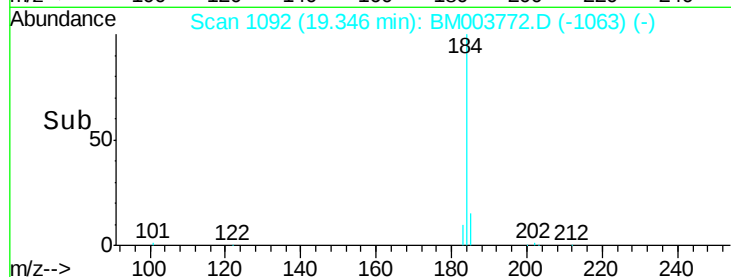
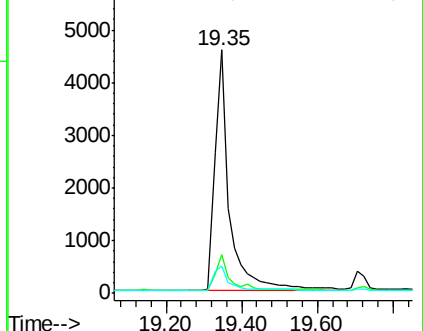
183 11.2 9.0 13.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#28

Pyrene

Concen: 0.77 ng

RT: 19.52 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BM003772.D

Acq: 24 Dec 2015 10:49

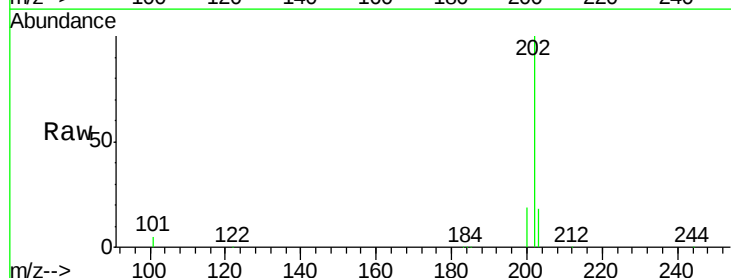
Tgt Ion:202 Resp: 60740

Ion Ratio Lower Upper

202 100

200 20.7 16.6 24.8

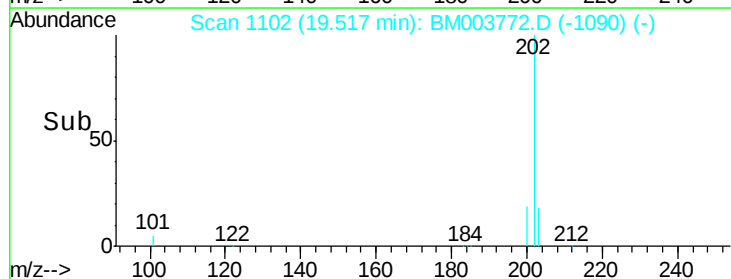
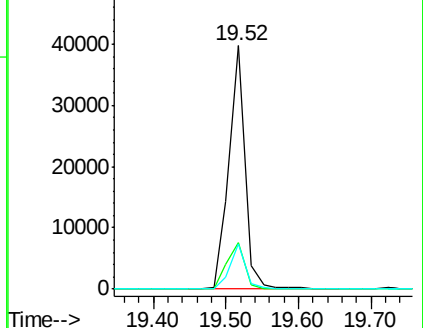
203 17.4 14.0 21.0

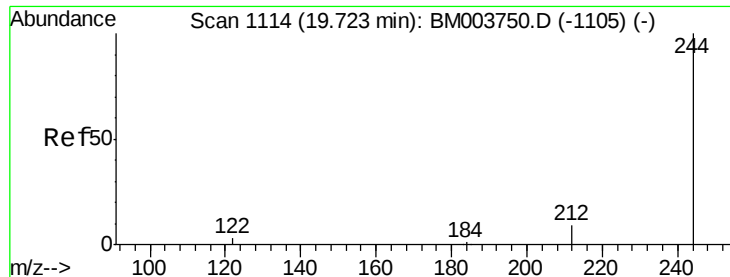


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.79 ng

RT: 19.72 min Scan# 1114

Delta R.T. 0.00 min

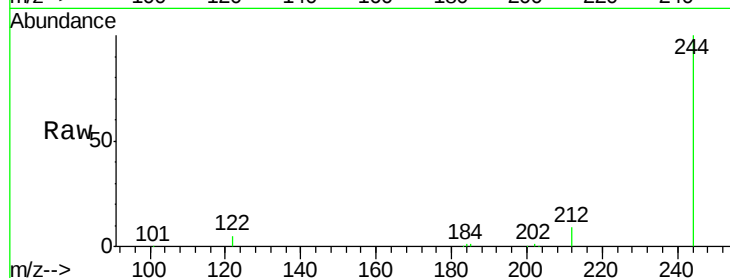
Lab File: BM003772.D

Acq: 24 Dec 2015 10:49

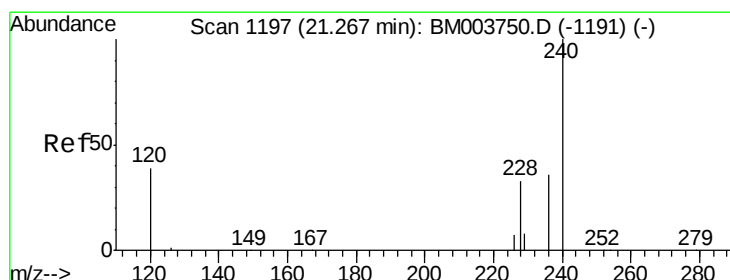
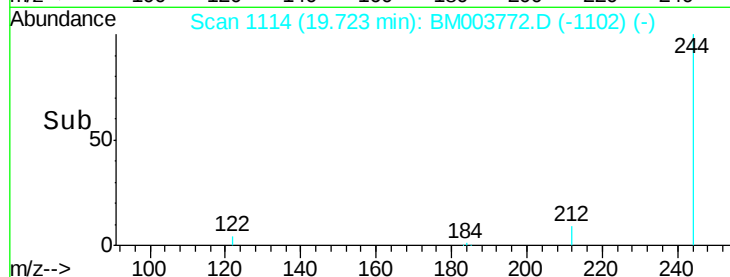
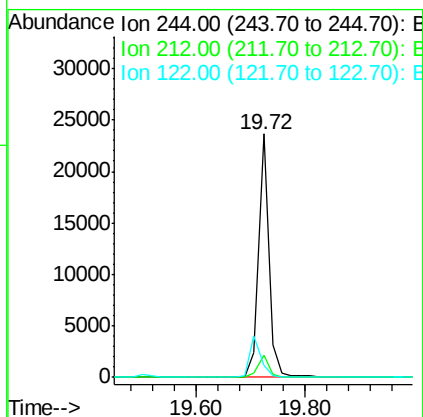
Instrument :

BNA_M

ClientSampleId :



Tot Ion:	244	Resp:	30672
Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.0	10.6
122	5.1	3.0	4.6#



#30

Benzo(a)anthracene

Concen: 0.81 ng

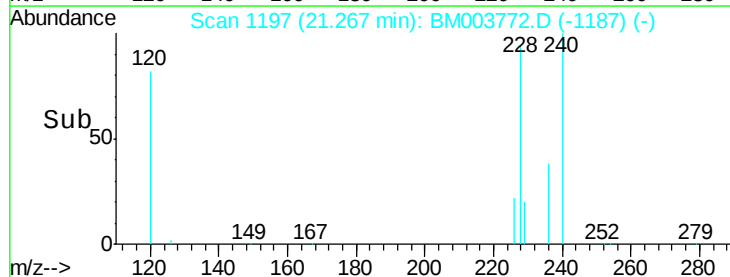
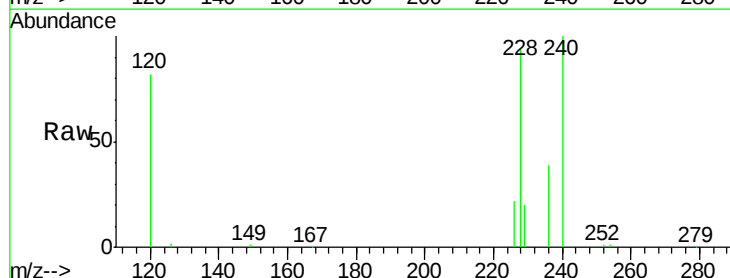
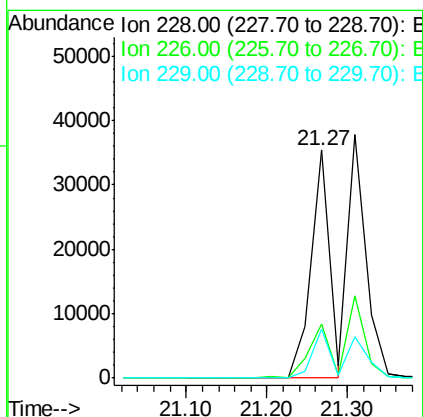
RT: 21.27 min Scan# 1197

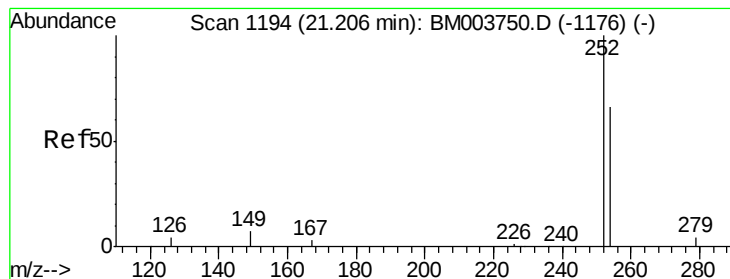
Delta R.T. 0.00 min

Lab File: BM003772.D

Acq: 24 Dec 2015 10:49

Tgt Ion:	228	Resp:	55481
Ion	Ratio	Lower	Upper
228	100		
226	23.6	17.2	25.8
229	21.4	18.7	28.1

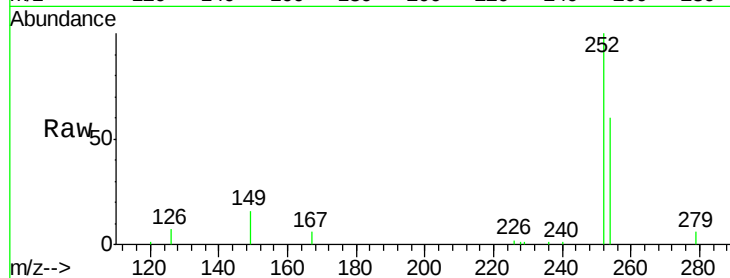




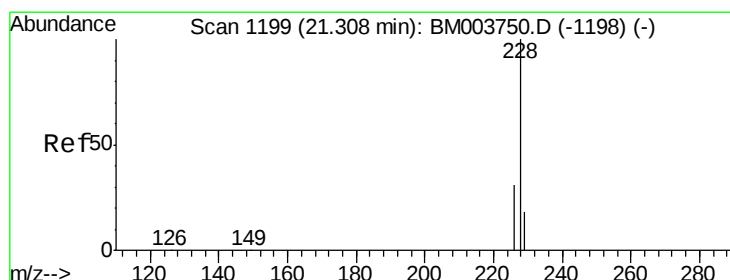
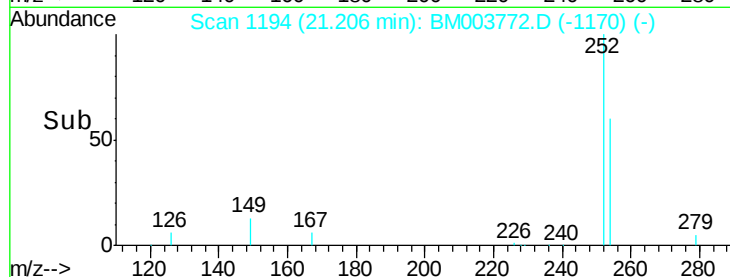
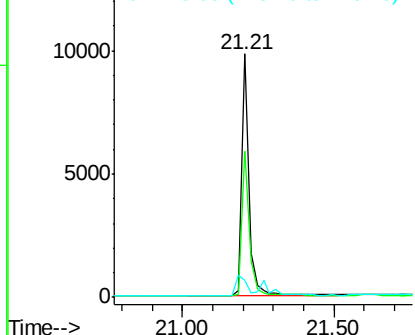
#31
 3,3'-Dichlorobenzidine
 Concen: 0.89 ng
 RT: 21.21 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BM003772.D
 Acq: 24 Dec 2015 10:49

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:252 Resp: 15934
 Ion Ratio Lower Upper
 252 100
 254 60.1 52.6 79.0
 126 7.1 3.7 5.5#

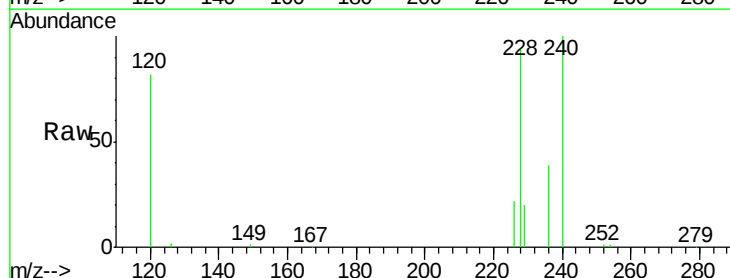


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

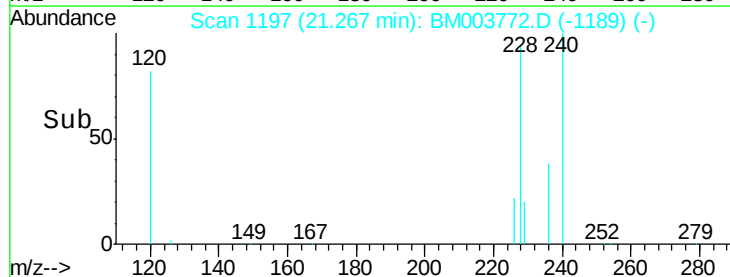
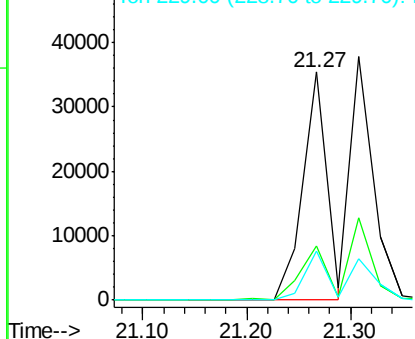


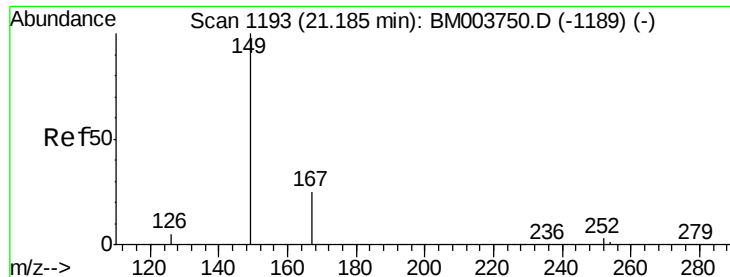
#32
 Chrysene
 Concen: 0.77 ng
 RT: 21.27 min Scan# 1197
 Delta R.T. -0.04 min
 Lab File: BM003772.D
 Acq: 24 Dec 2015 10:49

Tgt Ion:228 Resp: 55480
 Ion Ratio Lower Upper
 228 100
 226 23.6 25.3 37.9#
 229 21.4 14.5 21.7



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.78 ng

RT: 21.19 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BM003772.D

Acq: 24 Dec 2015 10:49

Instrument :

BNA_M

ClientSampleId :

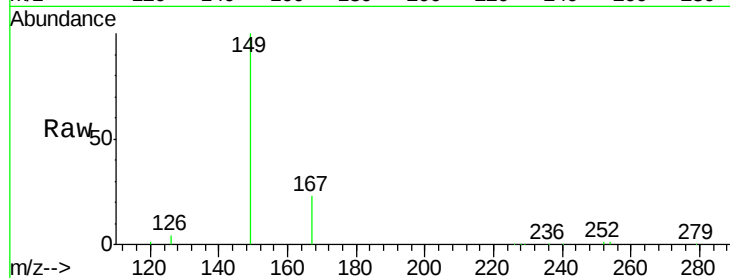
Tot Ion:149 Resp: 30325

Ion Ratio Lower Upper

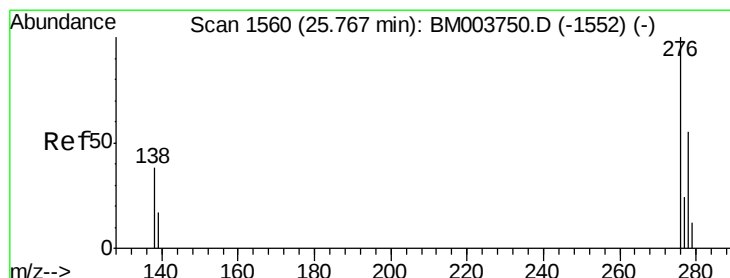
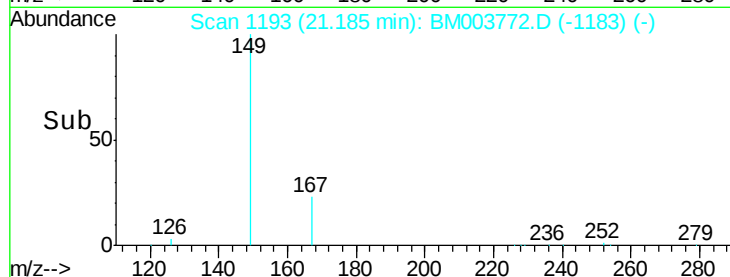
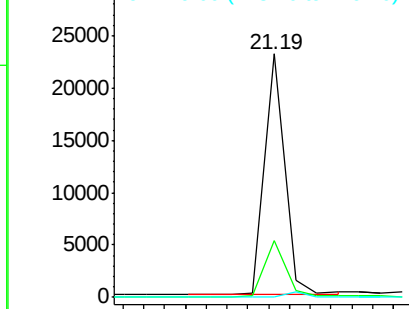
149 100

167 24.3 20.1 30.1

279 0.0 0.0 0.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#34

Indeno(1,2,3-cd)pyrene

Concen: 0.97 ng

RT: 25.78 min Scan# 1562

Delta R.T. 0.01 min

Lab File: BM003772.D

Acq: 24 Dec 2015 10:49

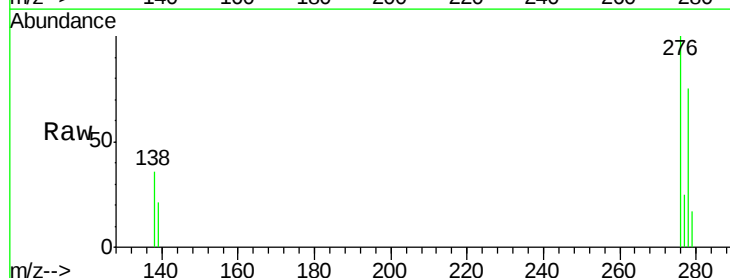
Tgt Ion:276 Resp: 46786

Ion Ratio Lower Upper

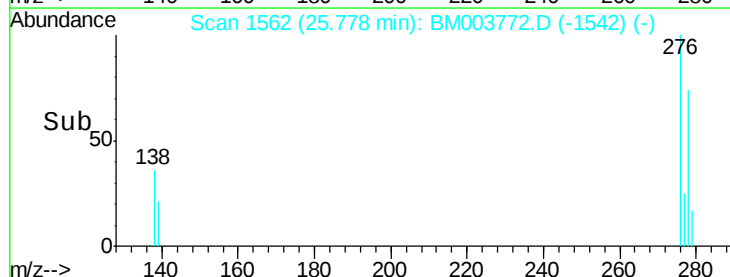
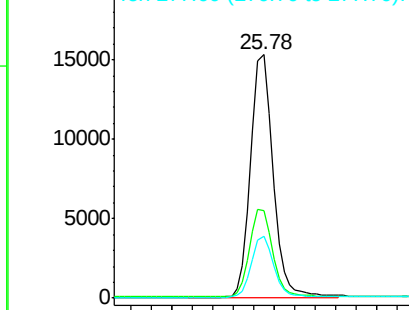
276 100

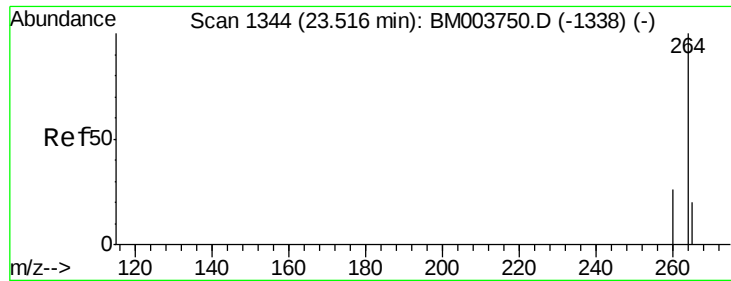
138 37.0 30.2 45.2

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

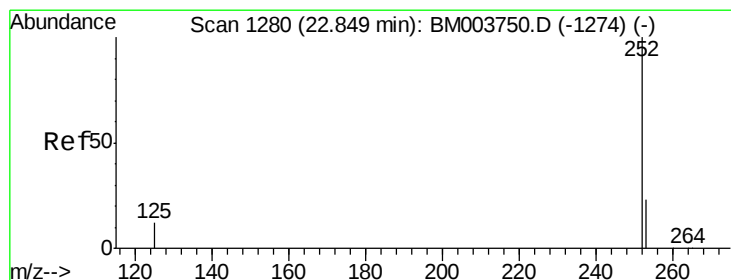
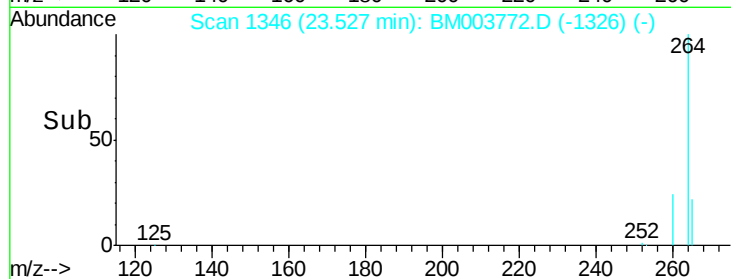
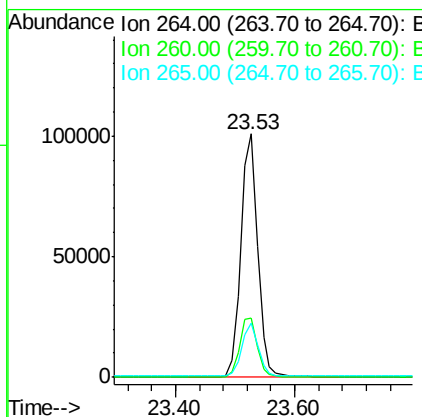
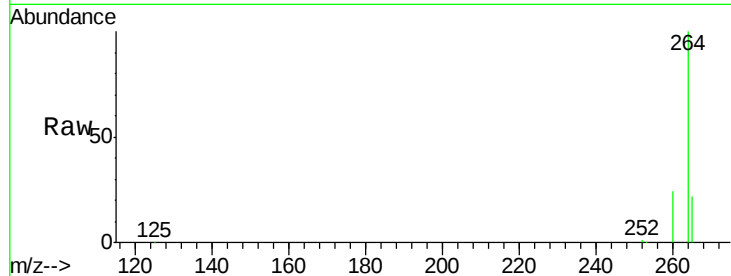




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.53 min Scan# 1346
 Delta R.T. 0.01 min
 Lab File: BM003772.D
 Acq: 24 Dec 2015 10:49

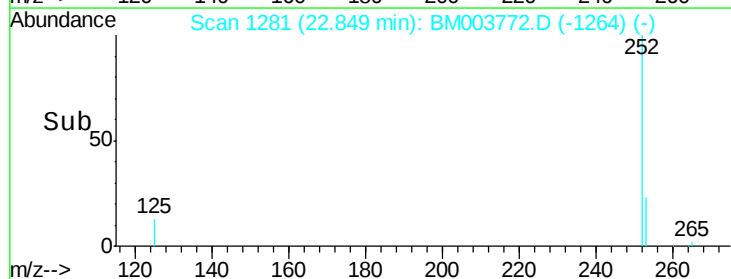
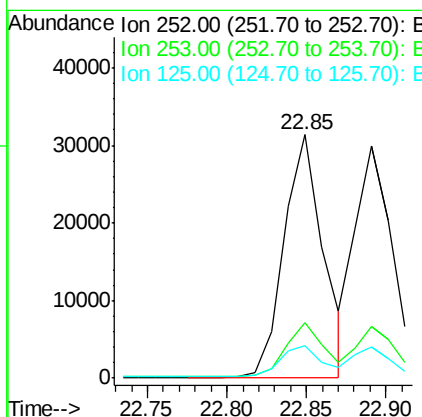
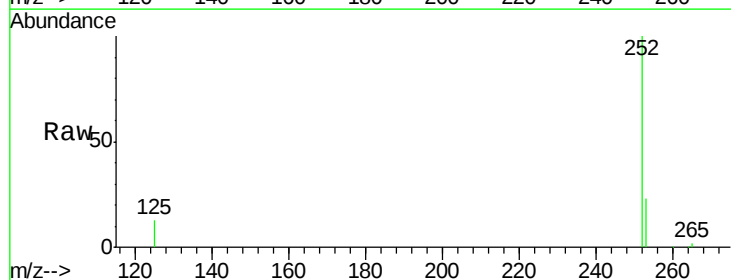
Instrument :
 BNA_M
 ClientSampleId :

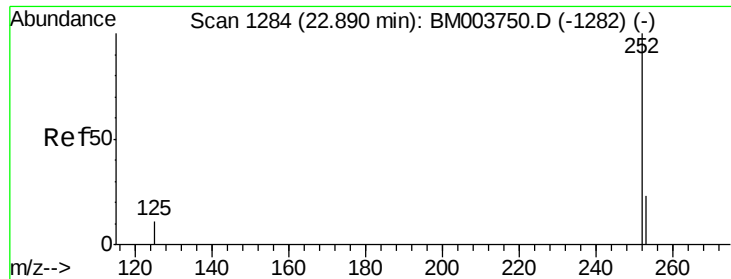
Tot Ion:264 Resp: 194987
 Ion Ratio Lower Upper
 264 100
 260 24.3 21.2 31.8
 265 22.3 16.7 25.1



#36
 Benzo(b)fluoranthene
 Concen: 0.84 ng
 RT: 22.85 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: BM003772.D
 Acq: 24 Dec 2015 10:49

Tgt Ion:252 Resp: 53291
 Ion Ratio Lower Upper
 252 100
 253 22.5 18.8 28.2
 125 13.2 10.2 15.4

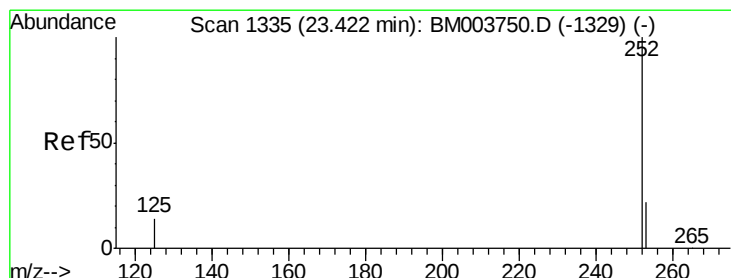
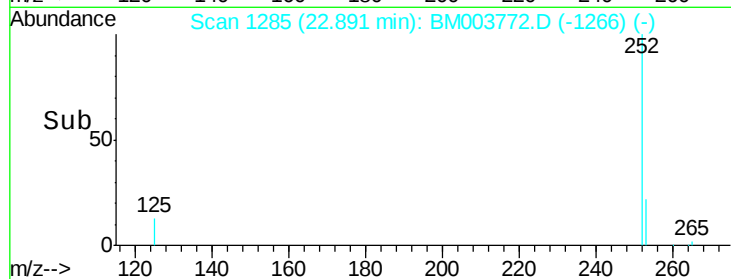
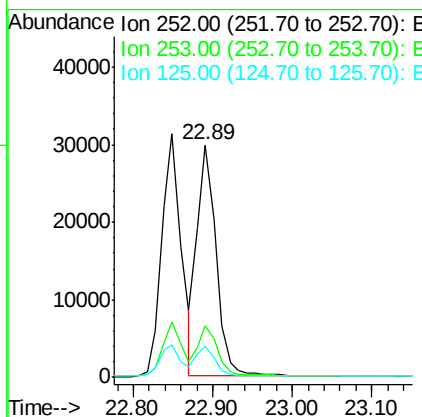
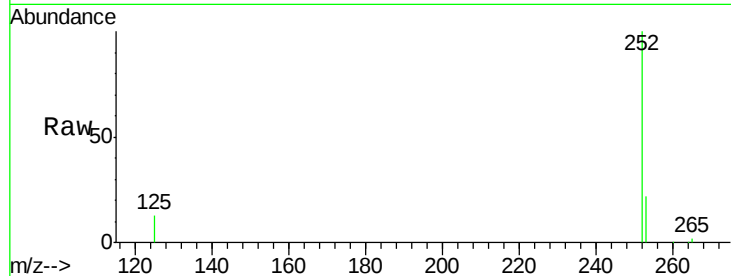




#37
Benzo(k)fluoranthene
Concen: 0.85 ng
RT: 22.89 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

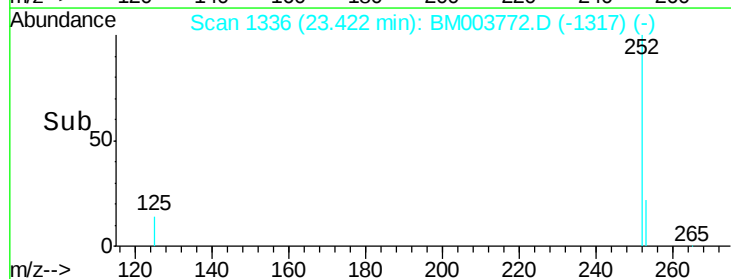
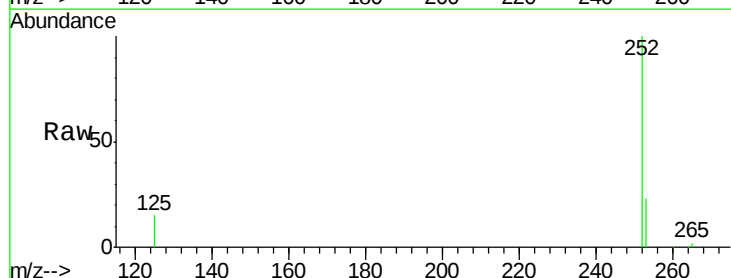
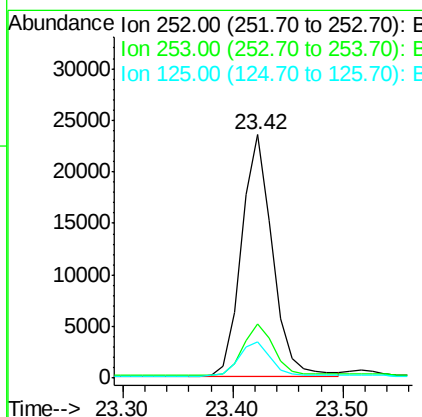
Instrument :
BNA_M
ClientSampleId :

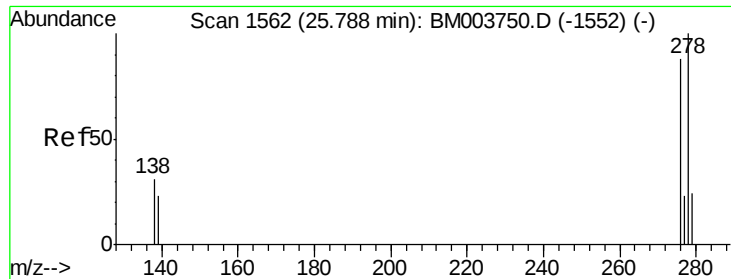
Tot Ion:252 Resp: 49723
Ion Ratio Lower Upper
252 100
253 21.9 18.3 27.5
125 13.3 10.6 15.8



#38
Benzo(a)pyrene
Concen: 0.84 ng
RT: 23.42 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BM003772.D
Acq: 24 Dec 2015 10:49

Tgt Ion:252 Resp: 45624
Ion Ratio Lower Upper
252 100
253 22.5 18.7 28.1
125 14.9 11.8 17.8





#39

Dibenzo(a,h)anthracene

Concen: 0.88 ng

RT: 25.79 min Scan# 1563

Delta R.T. 0.00 min

Lab File: BM003772.D

Acq: 24 Dec 2015 10:49

Instrument :

BNA_M

ClientSampleId :

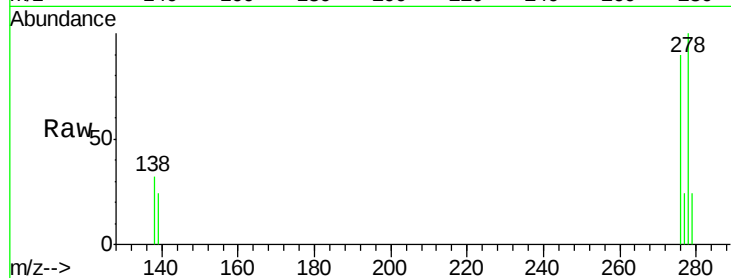
Tot Ion:278 Resp: 37546

Ion Ratio Lower Upper

278 100

139 23.7 19.0 28.6

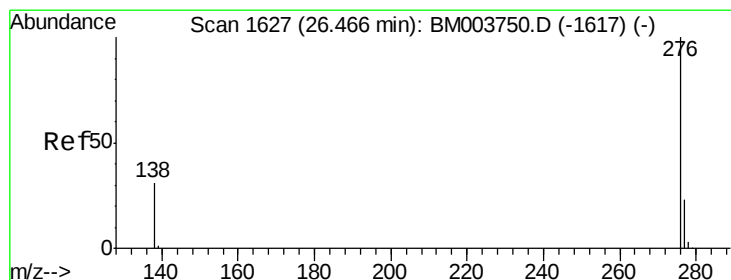
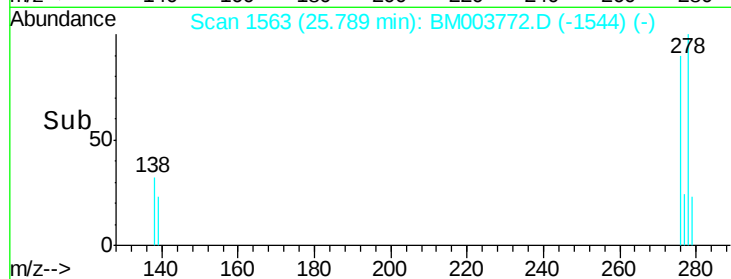
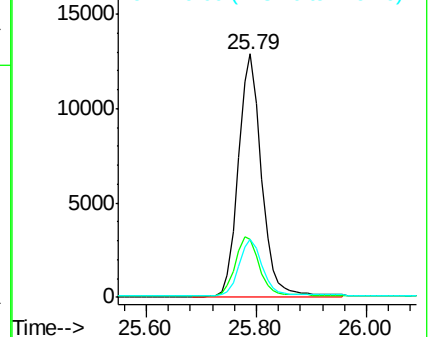
279 23.8 19.6 29.4



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: 0.88 ng

RT: 26.47 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BM003772.D

Acq: 24 Dec 2015 10:49

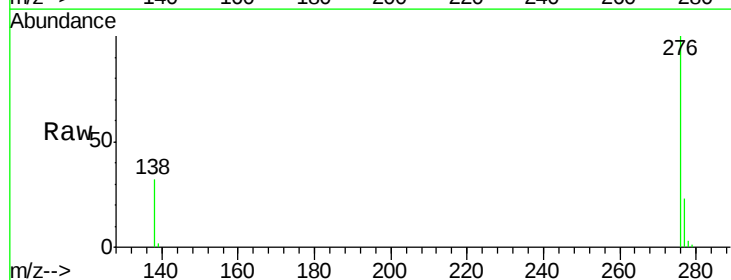
Tgt Ion:276 Resp: 39287

Ion Ratio Lower Upper

276 100

277 23.5 19.1 28.7

138 32.4 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

