

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122415\
 Data File : BM003754.D
 Acq On : 23 Dec 2015 23:11
 Operator : UM/SJ
 Sample : SSTDICV001
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 24 02:59:42 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	47574	5.00	ng	0.00
7) Naphthalene-d8	10.48	136	197896	5.00	ng	0.00
13) Acenaphthene-d10	14.33	164	114261	5.00	ng	0.00
19) Phenanthrene-d10	17.09	188	209050	5.00	ng	0.03
26) Chrysene-d12	21.29	240	222636	5.00	ng	0.00
35) Perylene-d12	23.53	264	179657	5.00	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	9847	0.91	ng	0.00
5) Phenol-d6	6.86	99	11766	0.88	ng	0.00
8) Nitrobenzene-d5	8.85	82	9125	0.90	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	2613	0.81	ng	0.00
15) 2-Fluorobiphenyl	12.95	172	31325	0.94	ng	0.00
29) Terphenyl-d14	19.72	244	33025	0.90	ng	0.00

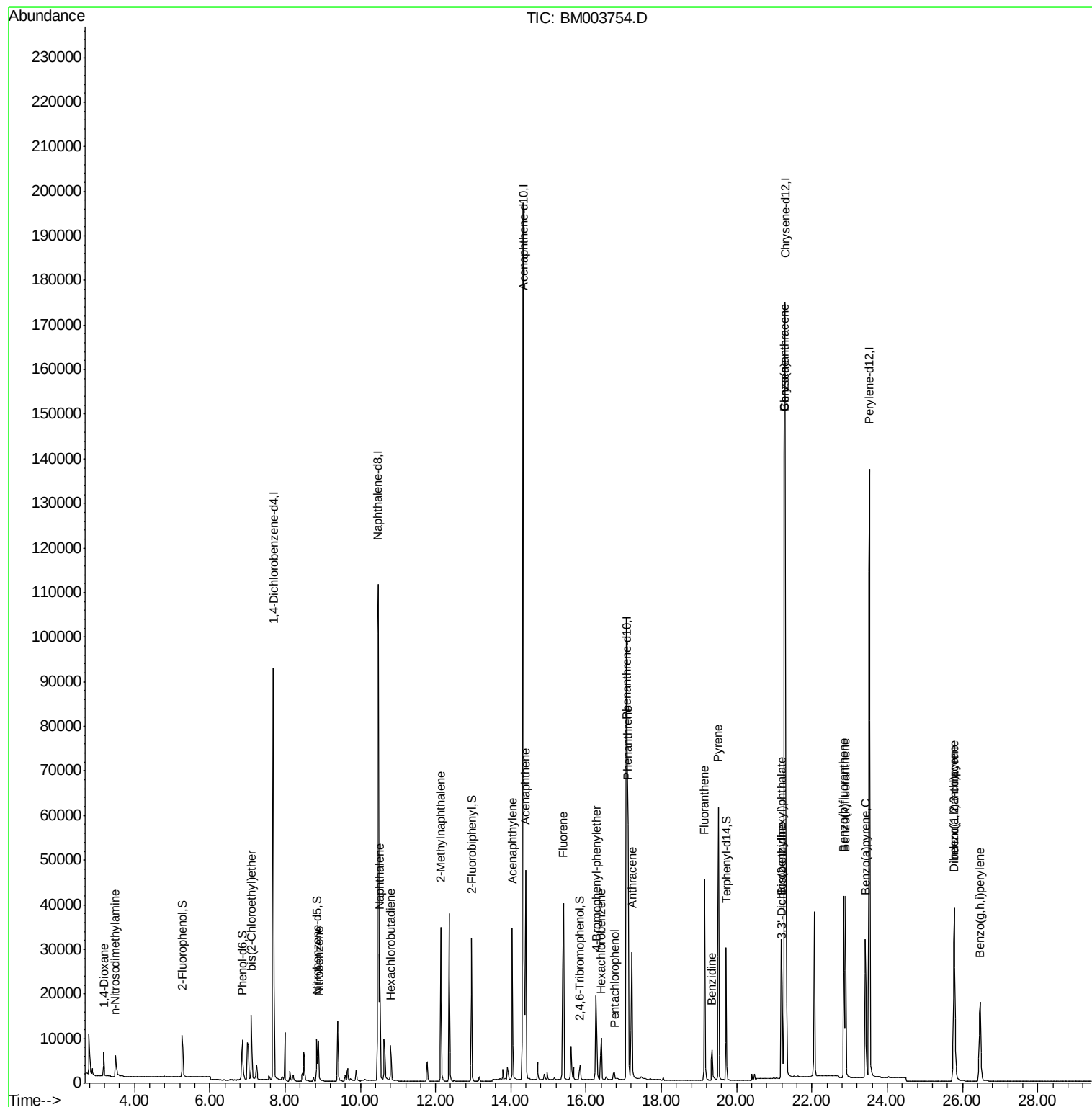
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.18	88	4312	0.95	ng	99
3) n-Nitrosodimethylamine	3.49	42	4546	0.93	ng	100
6) bis(2-Chloroethyl)ether	7.10	93	10931	0.93	ng	100
9) Nitrobenzene	8.89	77	10424	0.90	ng	100
10) Naphthalene	10.51	128	41824	0.96	ng	100
11) Hexachlorobutadiene	10.80	225	6459	0.96	ng	100
12) 2-Methylnaphthalene	12.14	142	27416	0.95	ng	100
16) Acenaphthylene	14.04	152	44049	0.87	ng	100
17) Acenaphthene	14.39	154	30194	0.95	ng	99
18) Fluorene	15.39	166	34705	0.91	ng	99
20) 4-Bromophenyl-phenylether	16.27	248	11414	1.26	ng	98
21) Hexachlorobenzene	16.40	284	11139	1.29	ng	# 99
22) Pentachlorophenol	16.76	266	2240	0.91	ng	98
23) Phenanthrene	17.11	178	68271	1.03	ng	100
24) Anthracene	17.22	178	46783	0.95	ng	100
25) Fluoranthene	19.14	202	62117	0.97	ng	100
27) Benzidine	19.35	184	13961	0.97	ng	99
28) Pyrene	19.52	202	65024	0.89	ng	100
30) Benzo(a)anthracene	21.27	228	56906	0.86	ng	96
31) 3,3'-Dichlorobenzidine	21.21	252	17119	1.00	ng	# 94
32) Chrysene	21.27	228	56917	0.88	ng	# 88
33) Bis(2-ethylhexyl)phthalate	21.19	149	31986	0.86	ng	# 99
34) Indeno(1,2,3-cd)pyrene	25.78	276	43065	0.91	ng	99
36) Benzo(b)fluoranthene	22.85	252	51928	0.92	ng	98
37) Benzo(k)fluoranthene	22.89	252	49276	0.95	ng	98
38) Benzo(a)pyrene	23.42	252	44500	0.92	ng	99
39) Dibenzo(a,h)anthracene	25.79	278	34618	0.92	ng	99
40) Benzo(g,h,i)perylene	26.47	276	35984	0.92	ng	99

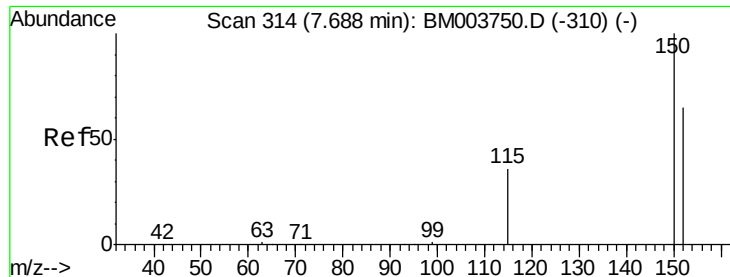
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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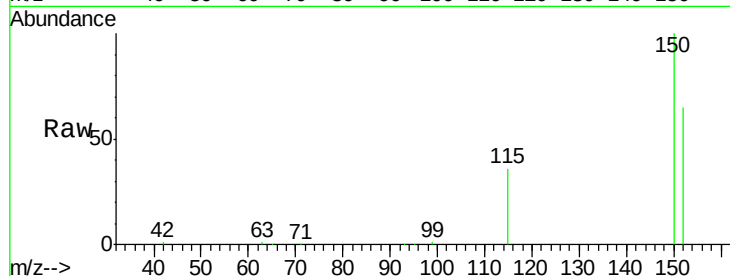


#1

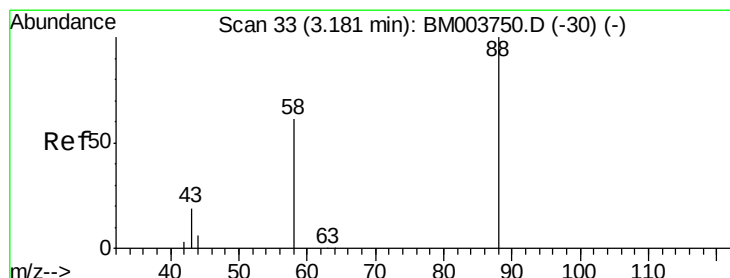
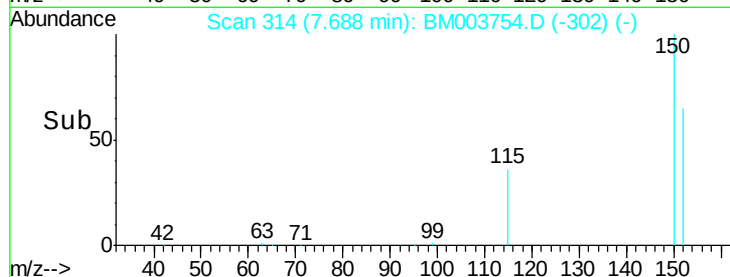
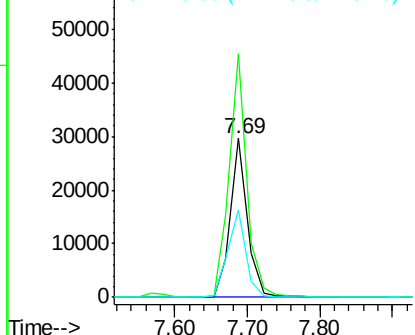
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.69 min Scan# 314
Delta R.T. -0.00 min
Lab File: BM003754.D
Acq: 23 Dec 2015 23:11

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 47574
Ion Ratio Lower Upper
152 100
150 153.6 122.9 184.3
115 55.3 44.4 66.6



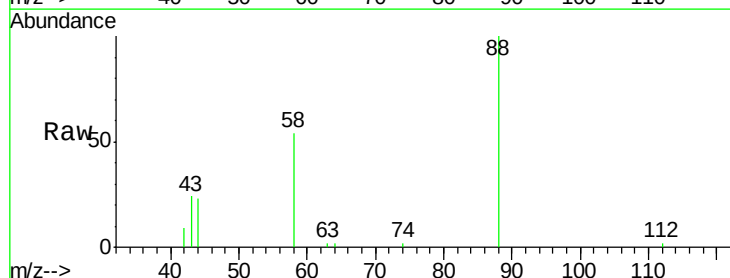
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



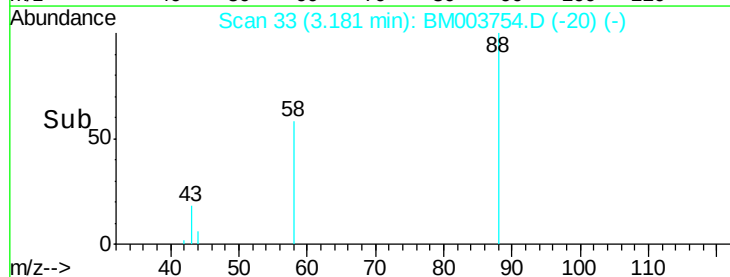
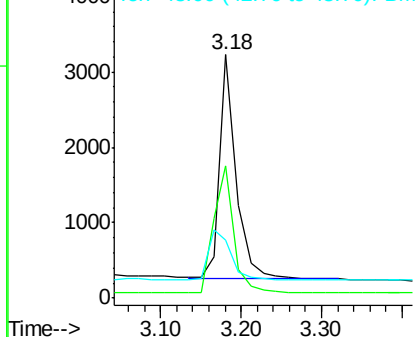
#2

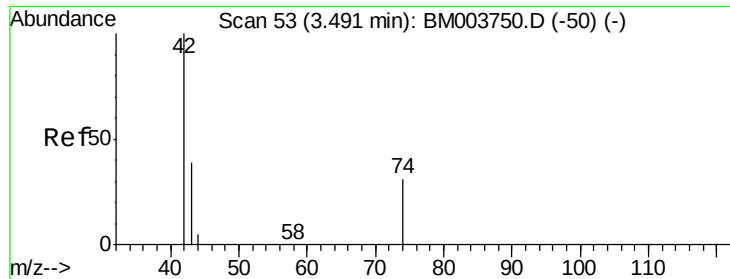
1,4-Dioxane
Concen: 0.95 ng
RT: 3.18 min Scan# 33
Delta R.T. 0.00 min
Lab File: BM003754.D
Acq: 23 Dec 2015 23:11

Tgt Ion: 88 Resp: 4312
Ion Ratio Lower Upper
88 100
58 68.1 53.8 80.6
43 29.8 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: 0.93 ng

RT: 3.49 min Scan# 53

Delta R.T. -0.00 min

Lab File: BM003754.D

Acq: 23 Dec 2015 23:11

Instrument :

BNA_M

ClientSampleId :

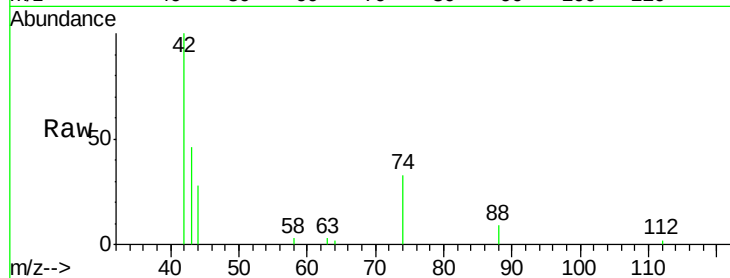
Tot Ion: 42 Resp: 4546

Ion Ratio Lower Upper

42 100

74 118.3 95.0 142.4

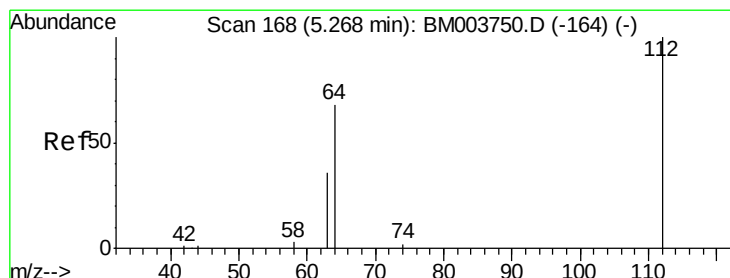
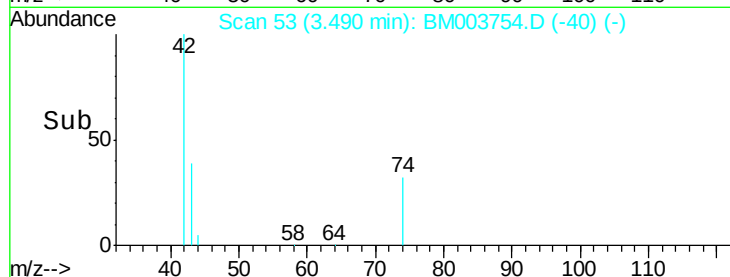
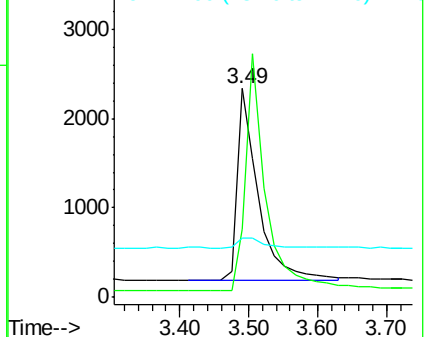
44 6.9 5.1 7.7



Abundance Ion 42.00 (41.70 to 42.70): BM003754.D (-50) (-)

Ion 74.00 (73.70 to 74.70): BM003754.D (-50) (-)

Ion 44.00 (43.70 to 44.70): BM003754.D (-50) (-)



#4

2-Fluorophenol

Concen: 0.91 ng

RT: 5.27 min Scan# 168

Delta R.T. -0.00 min

Lab File: BM003754.D

Acq: 23 Dec 2015 23:11

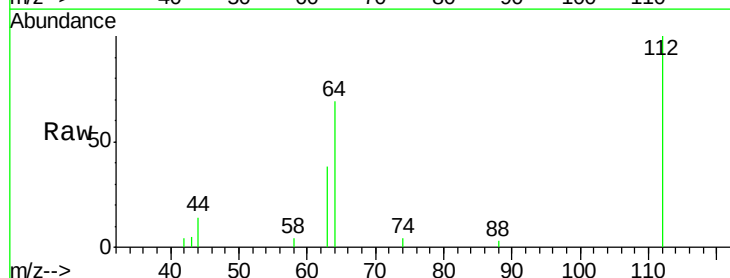
Tgt Ion: 112 Resp: 9847

Ion Ratio Lower Upper

112 100

64 52.2 41.8 62.8

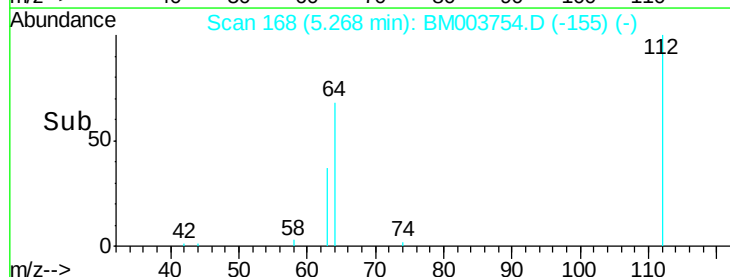
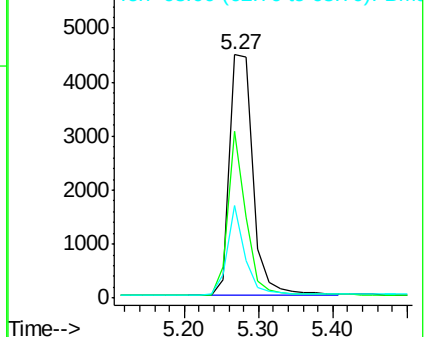
63 27.6 22.1 33.1

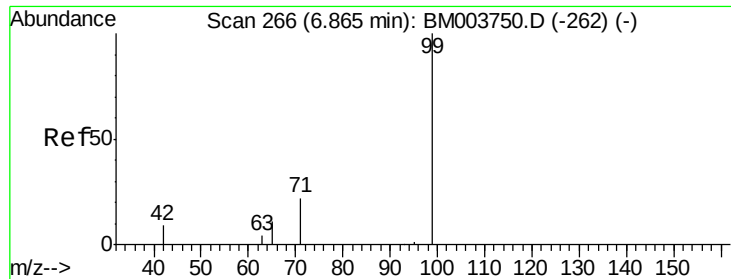


Abundance Ion 112.00 (111.70 to 112.70): BM003754.D (-164) (-)

Ion 64.00 (63.70 to 64.70): BM003754.D (-164) (-)

Ion 63.00 (62.70 to 63.70): BM003754.D (-164) (-)





#5

Phenol-d6

Concen: 0.88 ng

RT: 6.86 min Scan# 266

Delta R.T. -0.00 min

Lab File: BM003754.D

Acq: 23 Dec 2015 23:11

Instrument :

BNA_M

ClientSampled :

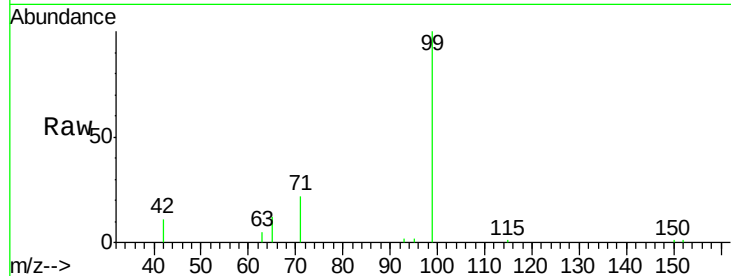
Tot Ion: 99 Resp: 11766

Ion Ratio Lower Upper

99 100

42 20.1 16.2 24.2

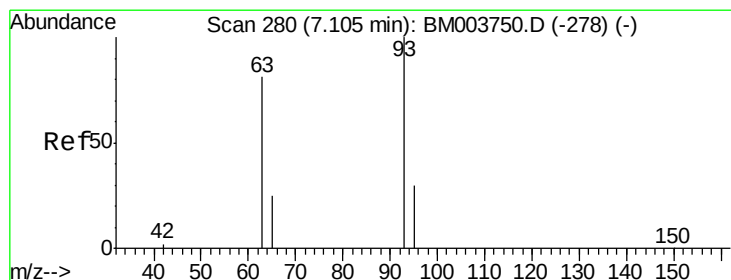
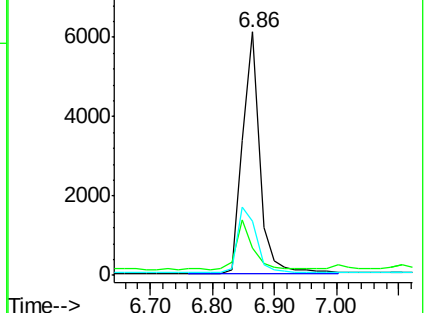
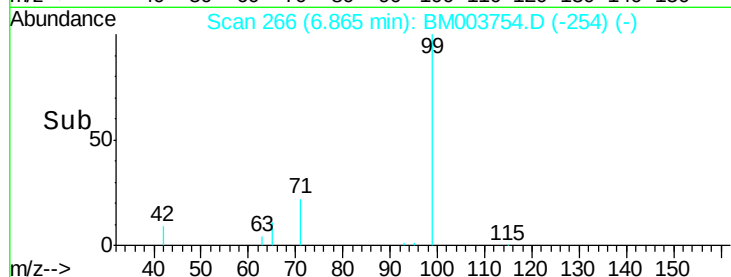
71 30.6 24.4 36.6



Abundance Ion 99.00 (98.70 to 99.70): BM003754.D (-262) (-)

Ion 42.00 (41.70 to 42.70): BM003754.D (-262) (-)

Ion 71.00 (70.70 to 71.70): BM003754.D (-262) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.93 ng

RT: 7.10 min Scan# 280

Delta R.T. -0.00 min

Lab File: BM003754.D

Acq: 23 Dec 2015 23:11

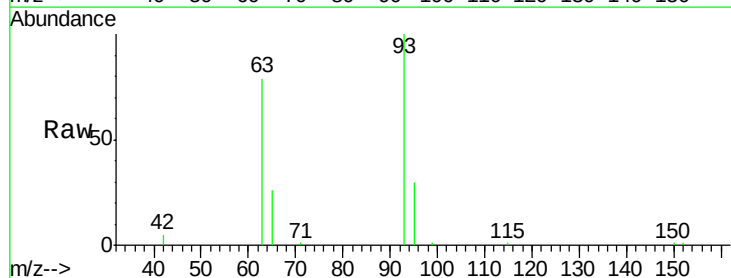
Tgt Ion: 93 Resp: 10931

Ion Ratio Lower Upper

93 100

63 73.0 58.3 87.5

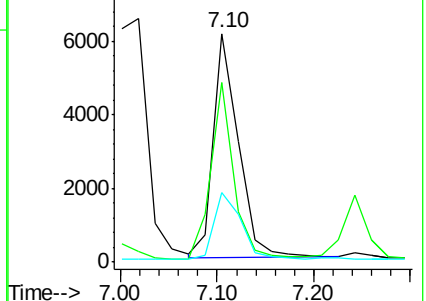
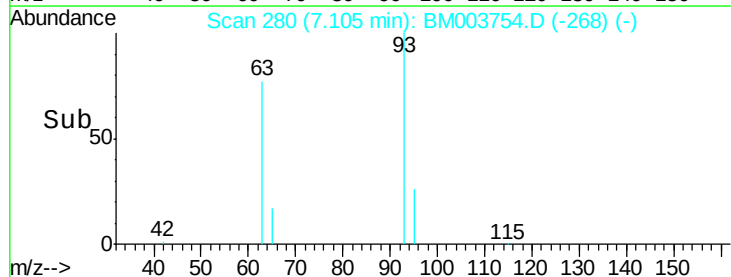
95 32.6 25.8 38.8

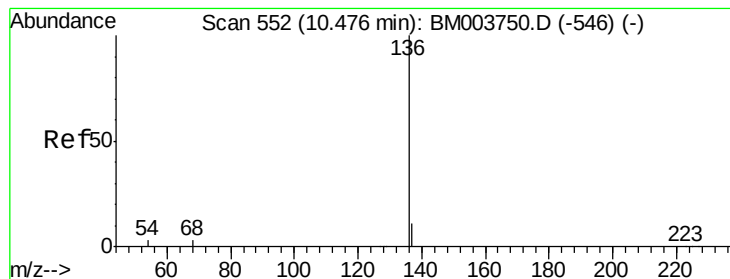


Abundance Ion 93.00 (92.70 to 93.70): BM003754.D (-278) (-)

Ion 63.00 (62.70 to 63.70): BM003754.D (-278) (-)

Ion 95.00 (94.70 to 95.70): BM003754.D (-278) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.48 min Scan# 552

Delta R.T. -0.00 min

Lab File: BM003754.D

Acq: 23 Dec 2015 23:11

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 197896

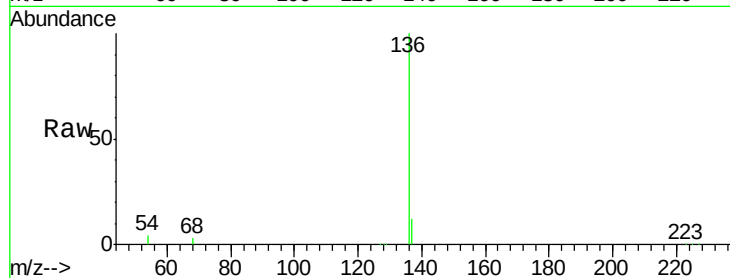
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 3.5 2.8 4.2

68 3.1 2.5 3.7

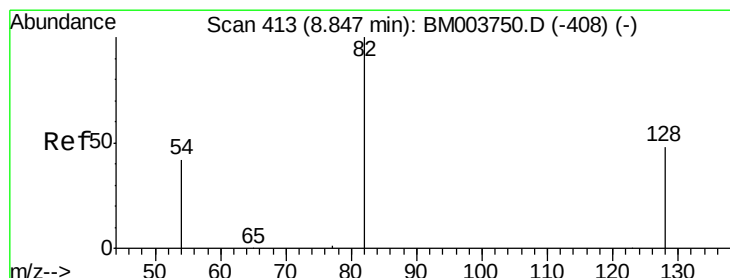
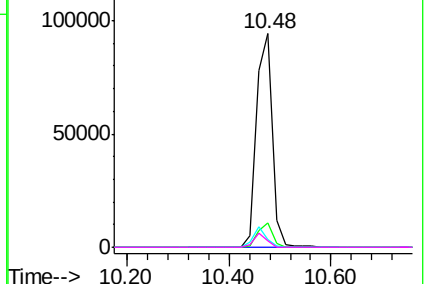
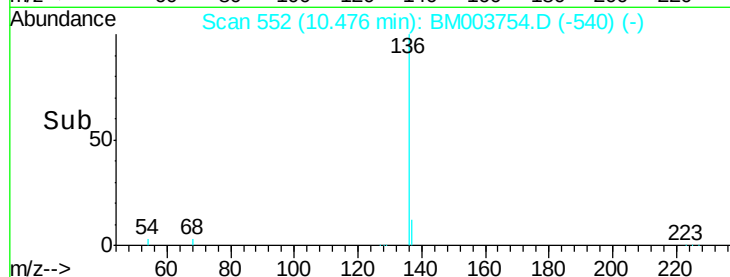


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.90 ng

RT: 8.85 min Scan# 413

Delta R.T. -0.00 min

Lab File: BM003754.D

Acq: 23 Dec 2015 23:11

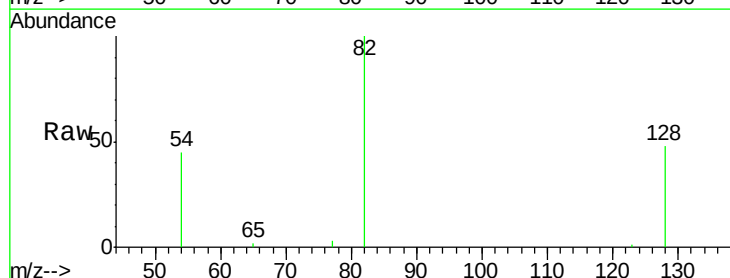
Tgt Ion: 82 Resp: 9125

Ion Ratio Lower Upper

82 100

128 47.9 39.1 58.7

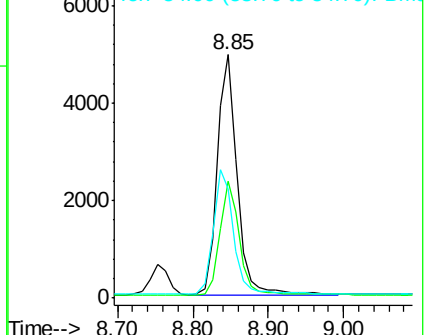
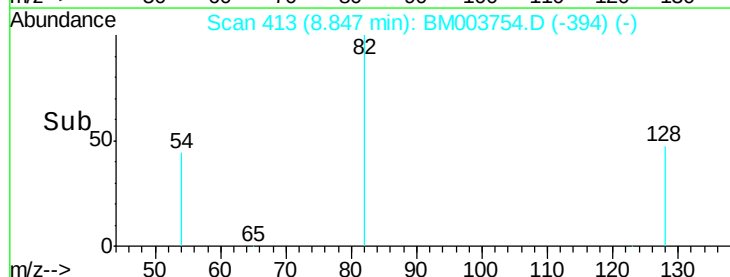
54 44.8 34.8 52.2

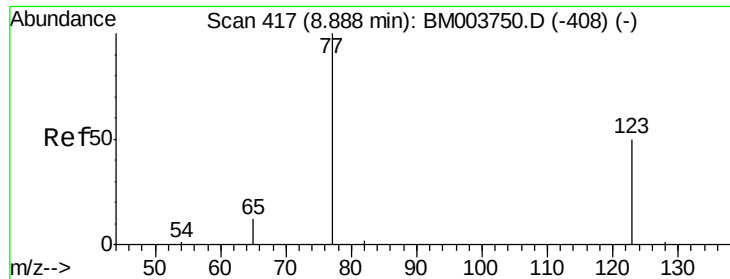


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

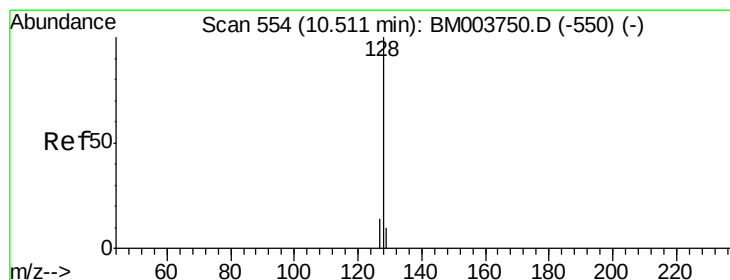
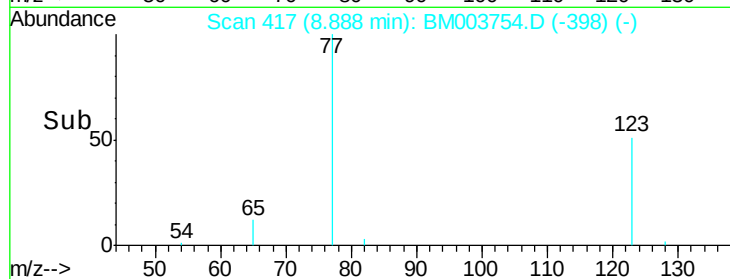
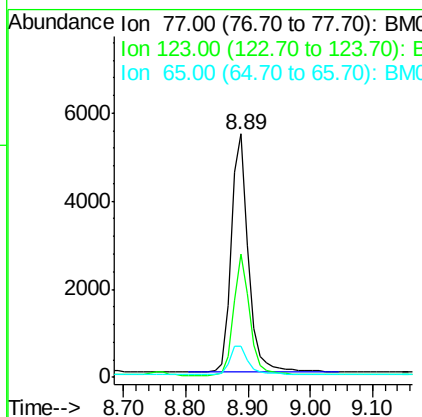
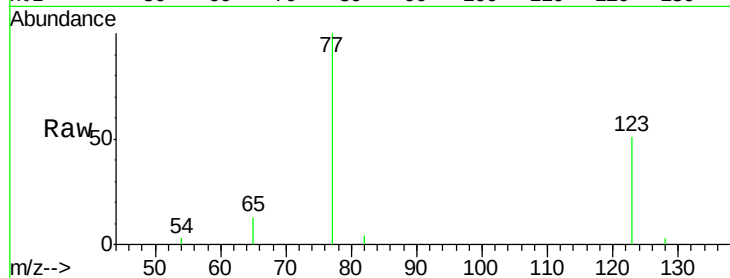




#9
 Nitrobenzene
 Concen: 0.90 ng
 RT: 8.89 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: BM003754.D
 Acq: 23 Dec 2015 23:11

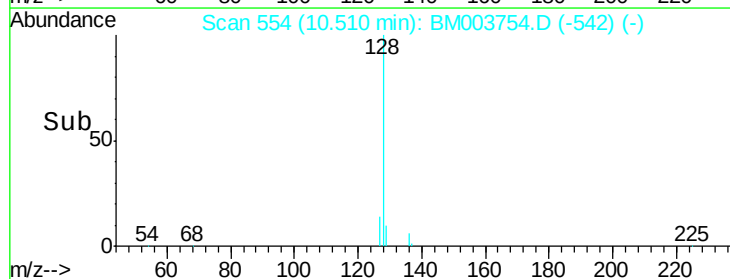
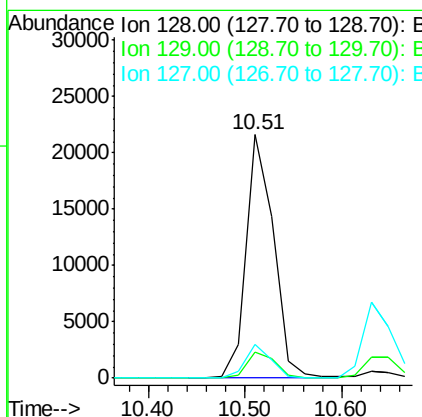
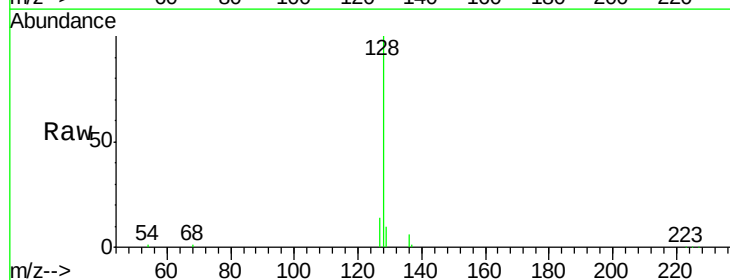
Instrument :
 BNA_M
 ClientSampleId :

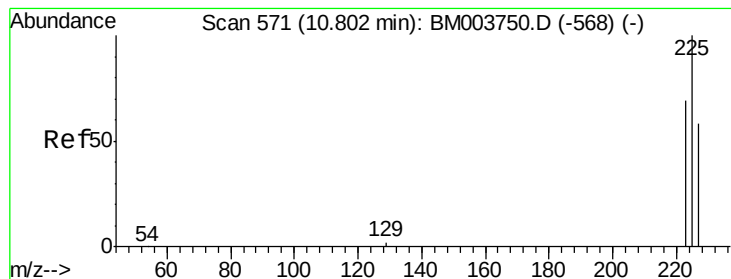
Tot Ion: 77 Resp: 10424
 Ion Ratio Lower Upper
 77 100
 123 48.3 38.6 57.8
 65 12.5 9.9 14.9



#10
 Naphthalene
 Concen: 0.96 ng
 RT: 10.51 min Scan# 554
 Delta R.T. -0.00 min
 Lab File: BM003754.D
 Acq: 23 Dec 2015 23:11

Tgt Ion: 128 Resp: 41824
 Ion Ratio Lower Upper
 128 100
 129 10.5 8.5 12.7
 127 13.8 11.0 16.4





#11

Hexachlorobutadiene

Concen: 0.96 ng

RT: 10.80 min Scan# 571

Delta R.T. -0.00 min

Lab File: BM003754.D

Acq: 23 Dec 2015 23:11

Instrument :

BNA_M

ClientSampleId :

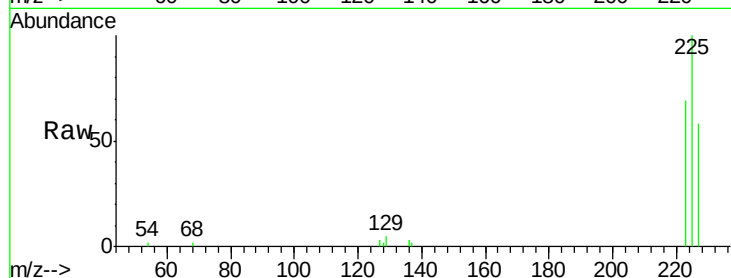
Tot Ion:225 Resp: 6459

Ion Ratio Lower Upper

225 100

223 63.2 50.9 76.3

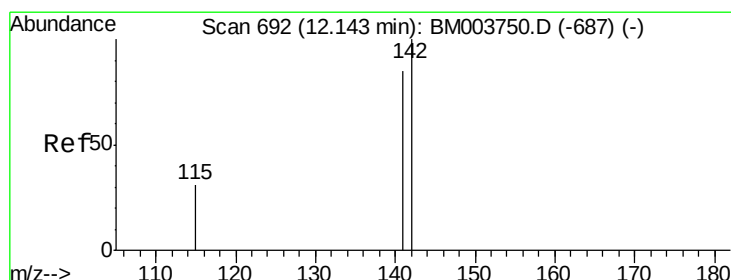
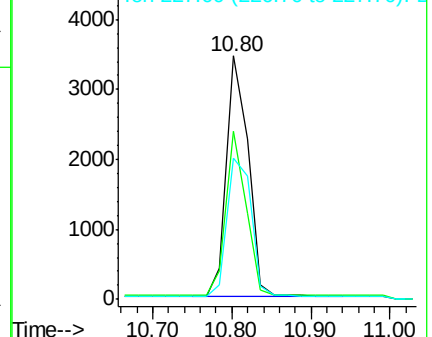
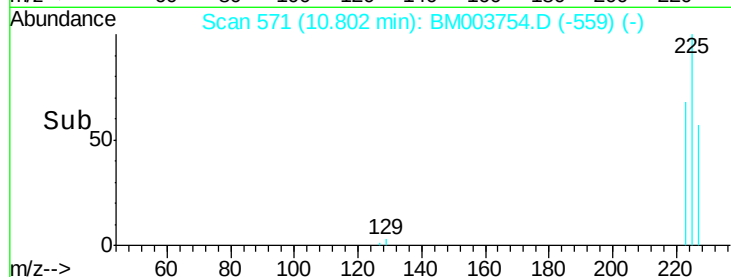
227 63.9 51.2 76.8



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#12

2-Methylnaphthalene

Concen: 0.95 ng

RT: 12.14 min Scan# 692

Delta R.T. -0.00 min

Lab File: BM003754.D

Acq: 23 Dec 2015 23:11

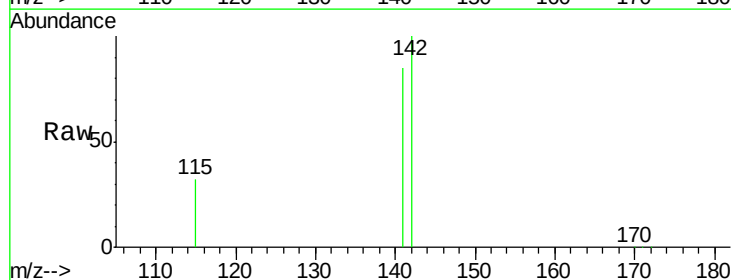
Tgt Ion:142 Resp: 27416

Ion Ratio Lower Upper

142 100

141 85.3 67.8 101.8

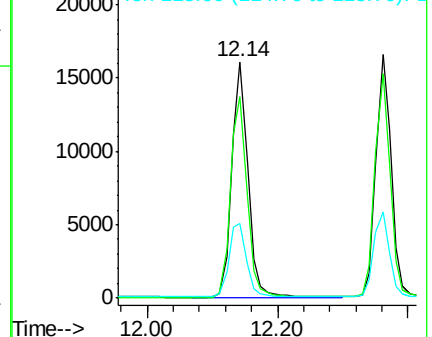
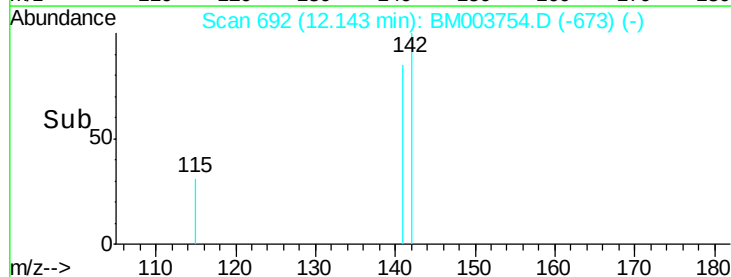
115 31.6 25.3 37.9

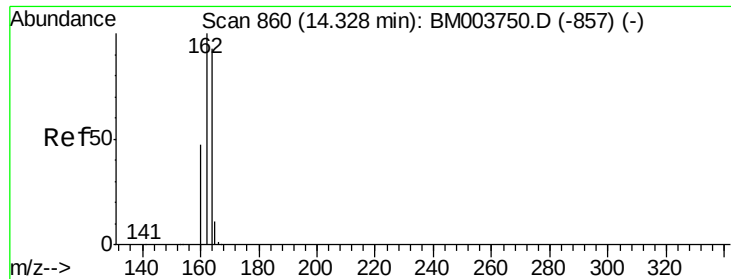


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.33 min Scan# 860

Delta R.T. -0.00 min

Lab File: BM003754.D

Acq: 23 Dec 2015 23:11

Instrument :

BNA_M

ClientSampleId :

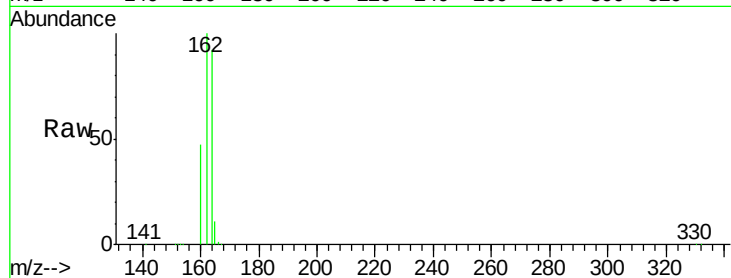
Tot Ion:164 Resp: 114261

Ion Ratio Lower Upper

164 100

162 108.5 86.0 129.0

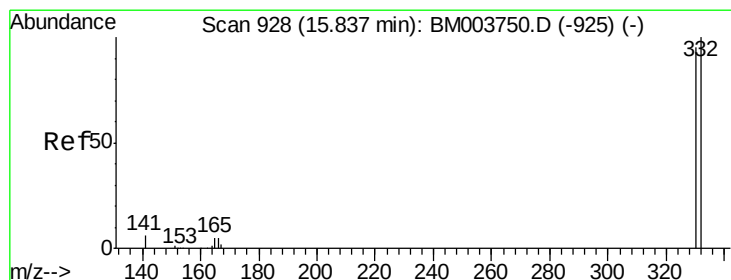
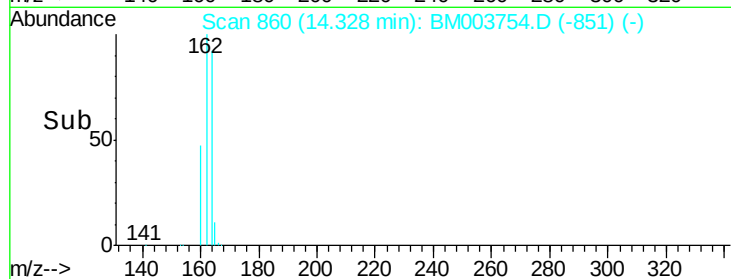
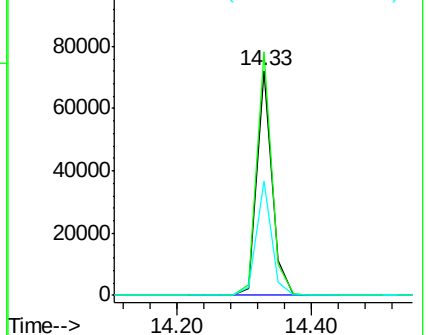
160 51.1 40.3 60.5



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: 0.81 ng

RT: 15.84 min Scan# 928

Delta R.T. -0.00 min

Lab File: BM003754.D

Acq: 23 Dec 2015 23:11

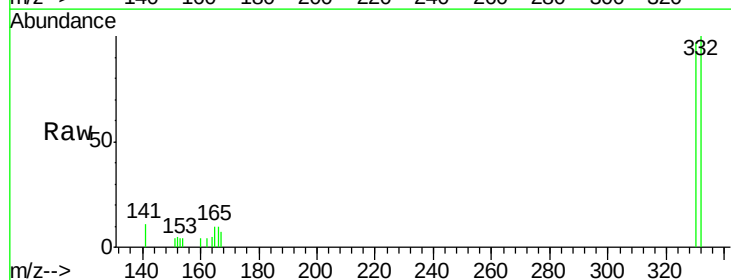
Tgt Ion:330 Resp: 2613

Ion Ratio Lower Upper

330 100

332 98.1 79.0 118.4

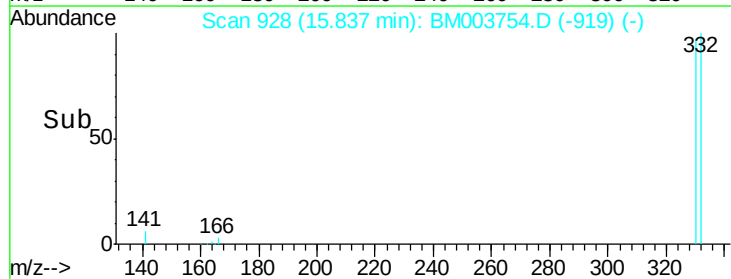
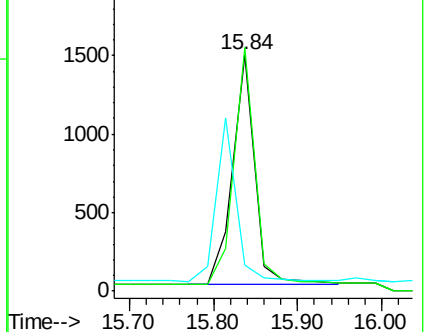
141 0.0 0.0 0.0

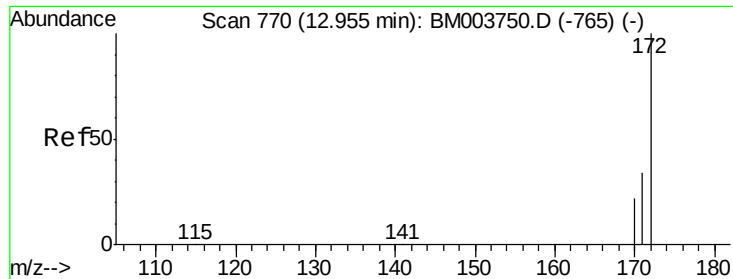


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

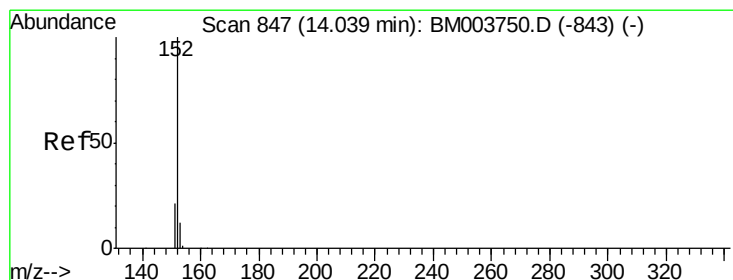
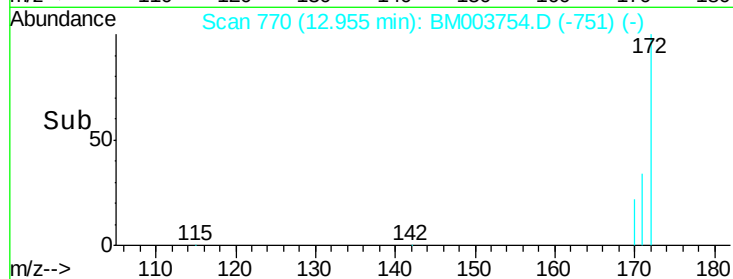
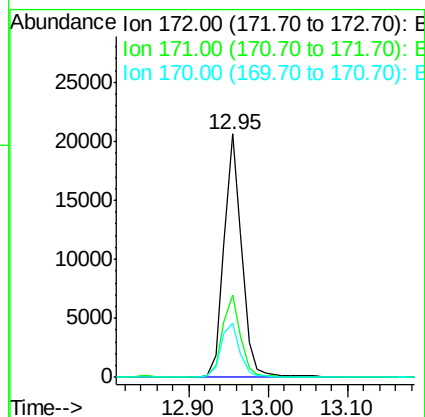
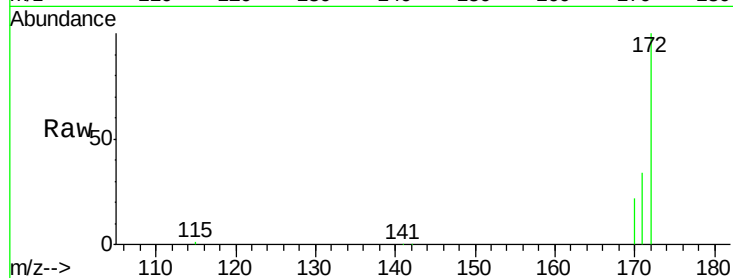




#15
2-Fluorobiphenyl
Concen: 0.94 ng
RT: 12.95 min Scan# 770
Delta R.T. -0.00 min
Lab File: BM003754.D
Acq: 23 Dec 2015 23:11

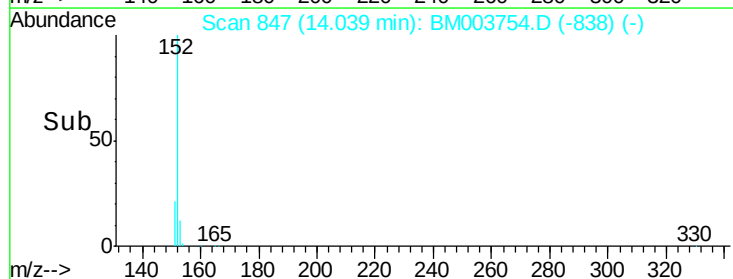
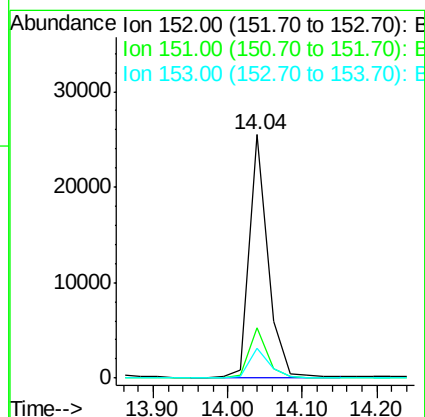
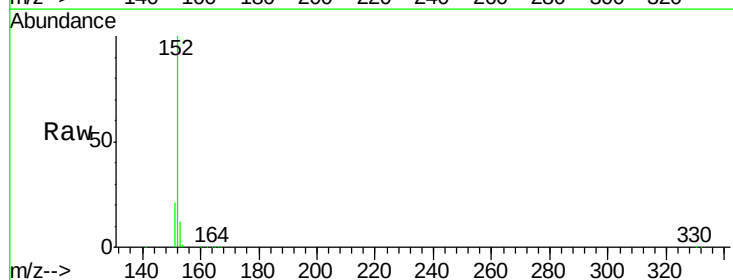
Instrument :
BNA_M
ClientSampleId :

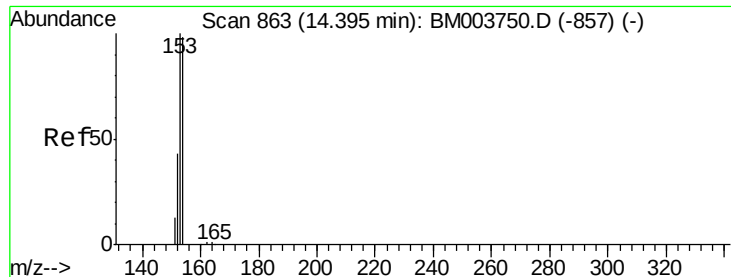
Tot Ion:172 Resp: 31325
Ion Ratio Lower Upper
172 100
171 33.9 27.0 40.6
170 22.1 17.9 26.9



#16
Acenaphthylene
Concen: 0.87 ng
RT: 14.04 min Scan# 847
Delta R.T. -0.00 min
Lab File: BM003754.D
Acq: 23 Dec 2015 23:11

Tgt Ion:152 Resp: 44049
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.8
153 12.8 10.2 15.4





#17

Acenaphthene

Concen: 0.95 ng

RT: 14.39 min Scan# 863

Delta R.T. -0.00 min

Lab File: BM003754.D

Acq: 23 Dec 2015 23:11

Instrument :

BNA_M

ClientSampleId :

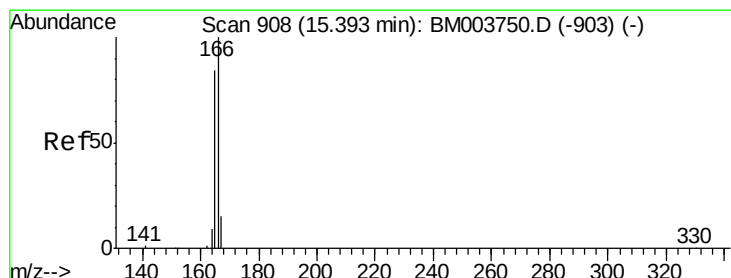
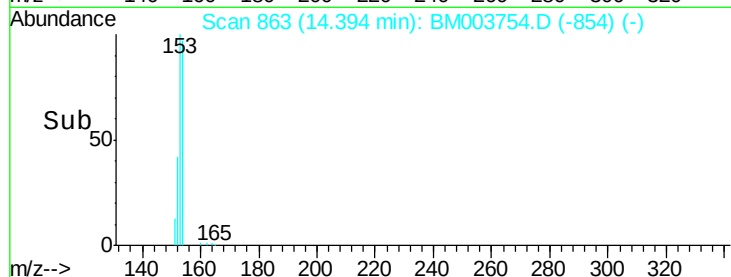
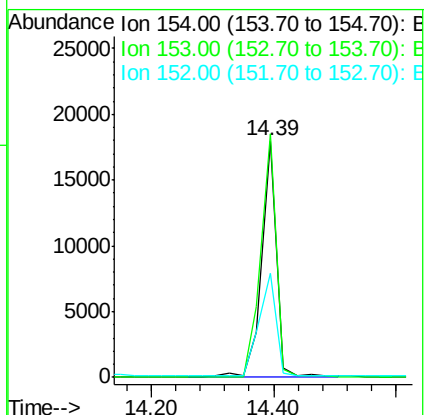
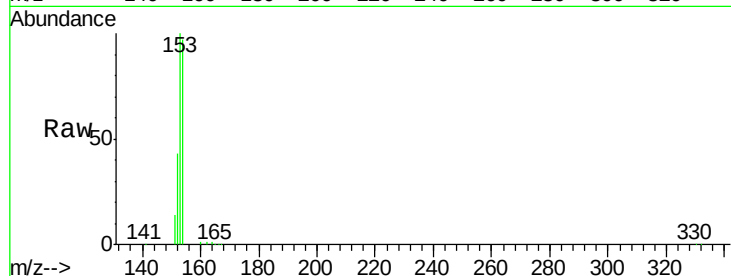
Tot Ion:154 Resp: 30194

Ion Ratio Lower Upper

154 100

153 107.6 85.4 128.2

152 50.5 40.6 60.8



#18

Fluorene

Concen: 0.91 ng

RT: 15.39 min Scan# 908

Delta R.T. -0.00 min

Lab File: BM003754.D

Acq: 23 Dec 2015 23:11

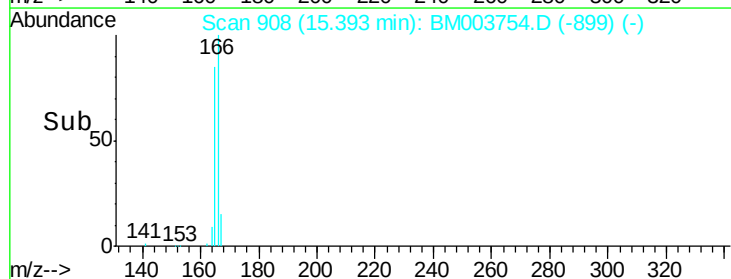
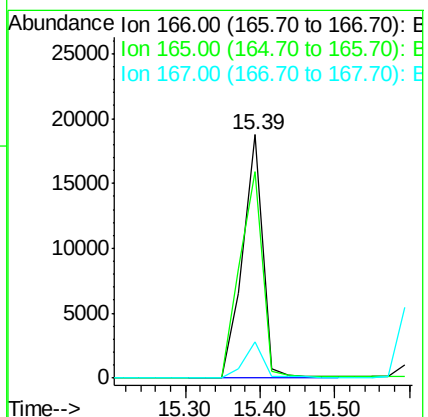
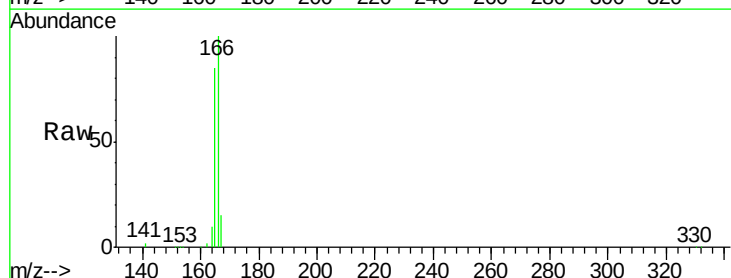
Tgt Ion:166 Resp: 34705

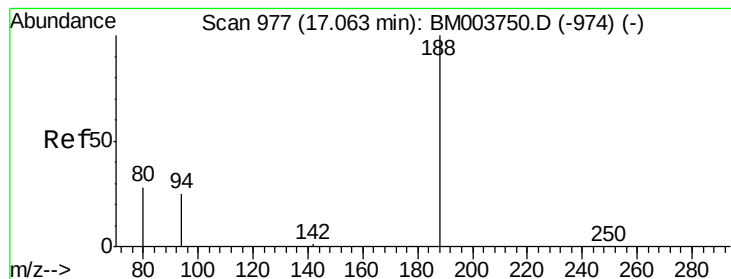
Ion Ratio Lower Upper

166 100

165 95.9 77.2 115.8

167 13.6 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: BM003754.D

Acq: 23 Dec 2015 23:11

Instrument :

BNA_M

ClientSampleId :

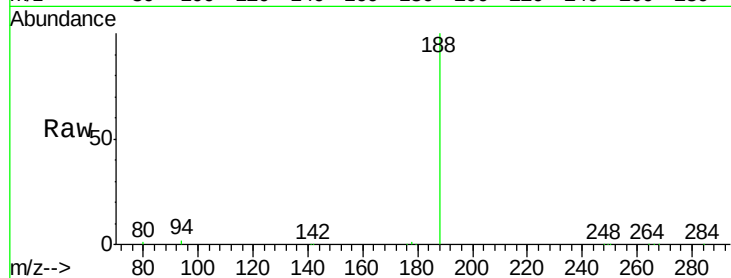
Tot Ion:188 Resp: 209050

Ion Ratio Lower Upper

188 100

94 1.7 20.3 30.5#

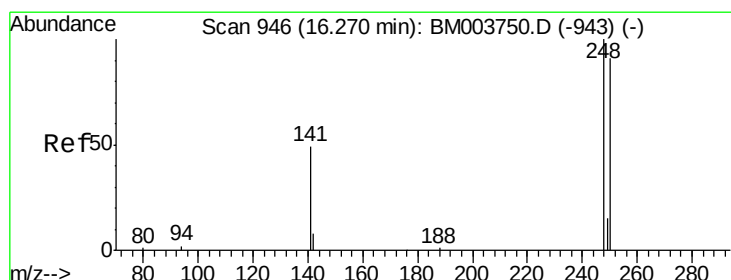
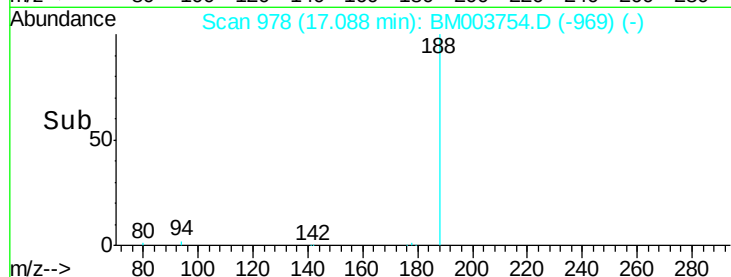
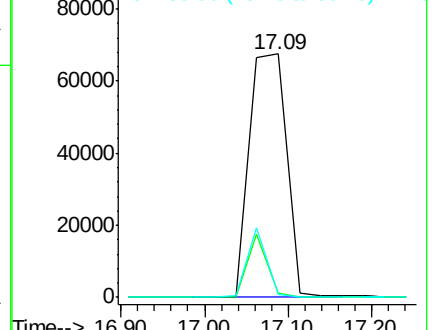
80 1.3 22.2 33.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#20

4-Bromophenyl-phenylether

Concen: 1.26 ng

RT: 16.27 min Scan# 946

Delta R.T. 0.00 min

Lab File: BM003754.D

Acq: 23 Dec 2015 23:11

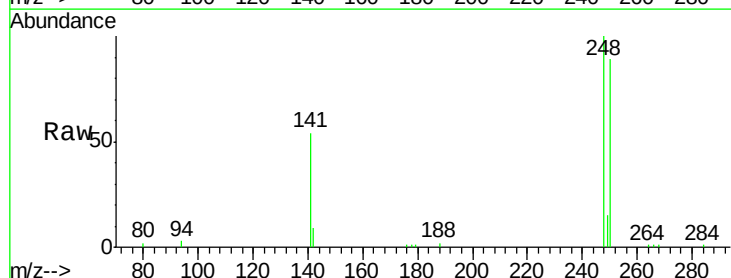
Tgt Ion:248 Resp: 11414

Ion Ratio Lower Upper

248 100

250 91.7 75.0 112.4

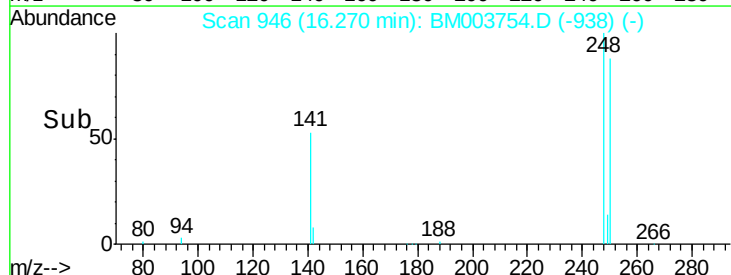
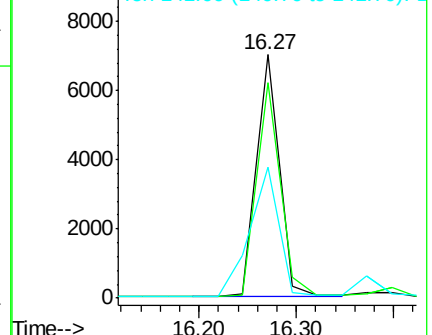
141 67.6 53.0 79.4

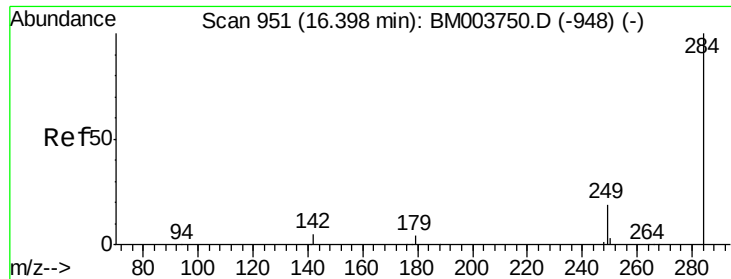


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

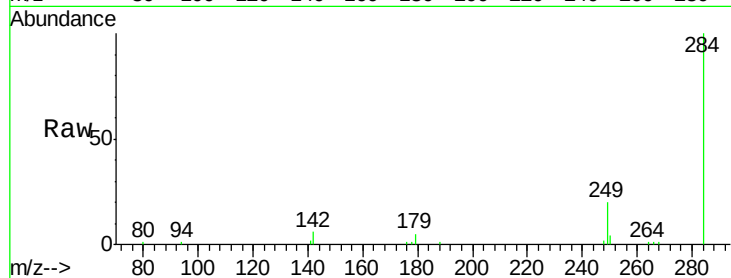




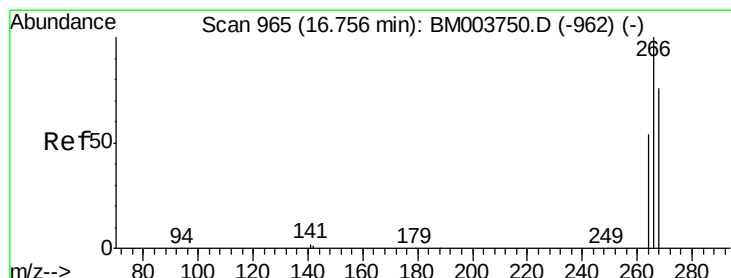
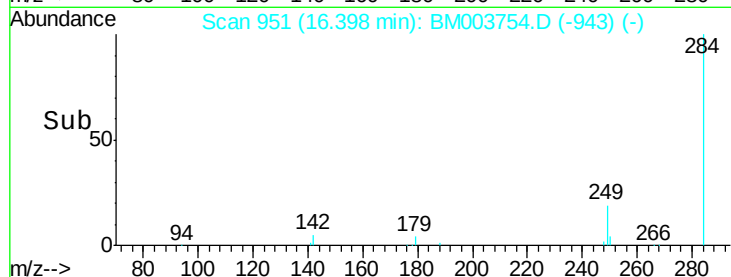
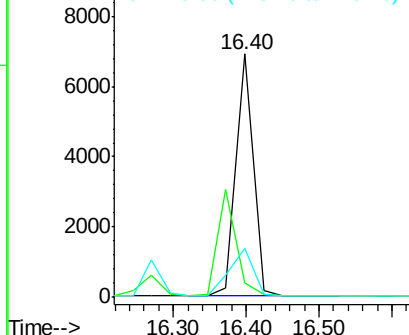
#21
Hexachlorobenzene
Concen: 1.29 ng
RT: 16.40 min Scan# 951
Delta R.T. 0.00 min
Lab File: BM003754.D
Acq: 23 Dec 2015 23:11

Instrument :
BNA_M
ClientSampleId :

Tot Ion:284 Resp: 11139
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 26.4 21.5 32.3

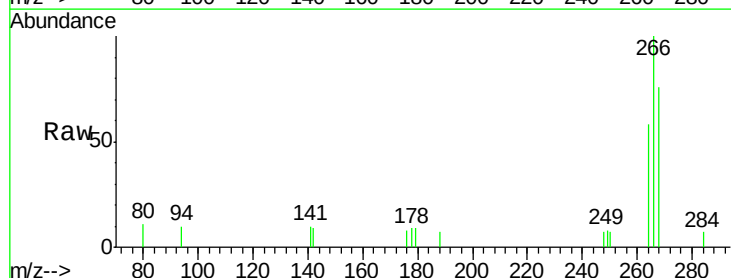


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

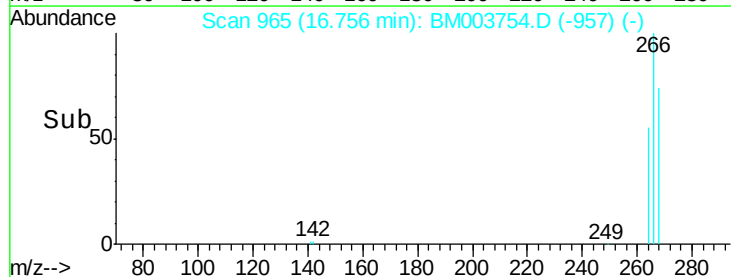
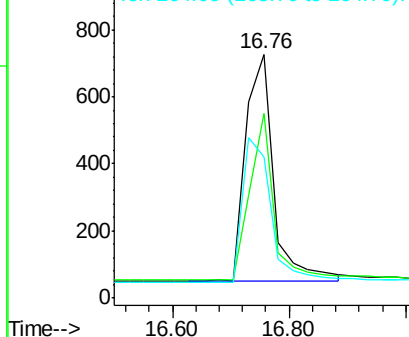


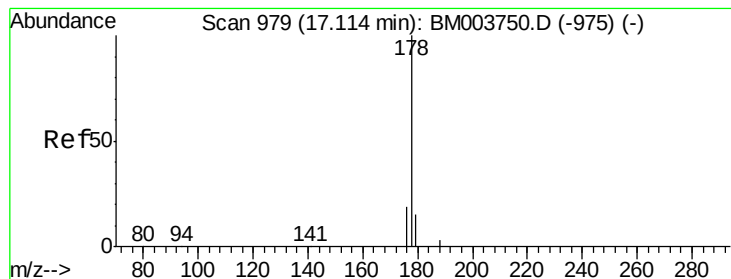
#22
Pentachlorophenol
Concen: 0.91 ng
RT: 16.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BM003754.D
Acq: 23 Dec 2015 23:11

Tgt Ion:266 Resp: 2240
Ion Ratio Lower Upper
266 100
268 76.0 62.7 94.1
264 57.7 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: 1.03 ng

RT: 17.11 min Scan# 979

Delta R.T. -0.00 min

Lab File: BM003754.D

Acq: 23 Dec 2015 23:11

Instrument :

BNA_M

ClientSampled :

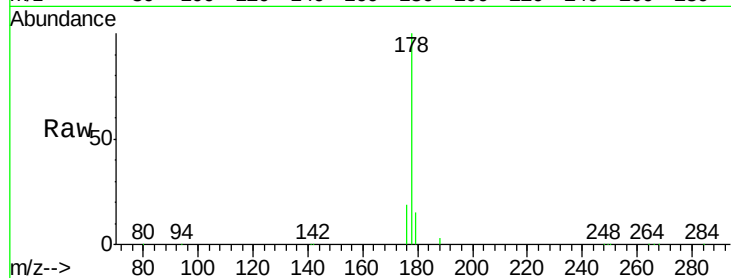
Tot Ion:178 Resp: 68271

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

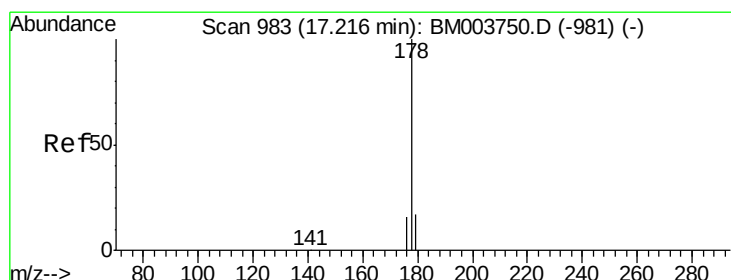
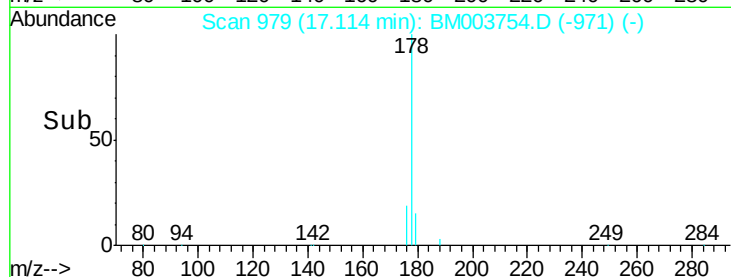
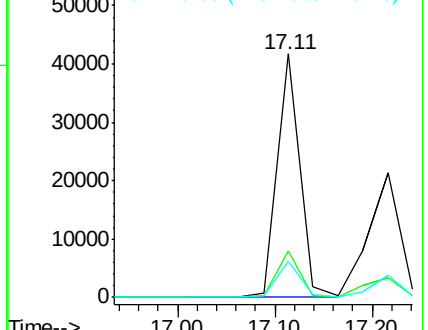
179 15.1 12.2 18.4



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: 0.95 ng

RT: 17.22 min Scan# 983

Delta R.T. -0.00 min

Lab File: BM003754.D

Acq: 23 Dec 2015 23:11

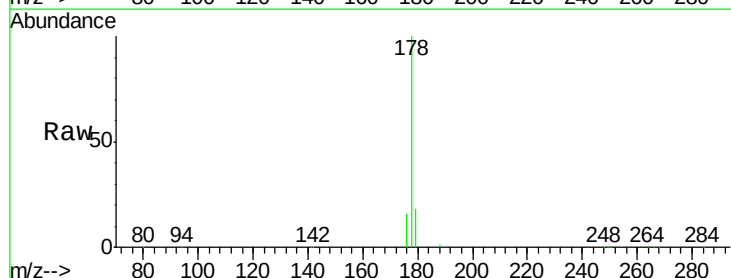
Tgt Ion:178 Resp: 46783

Ion Ratio Lower Upper

178 100

176 18.1 14.6 21.8

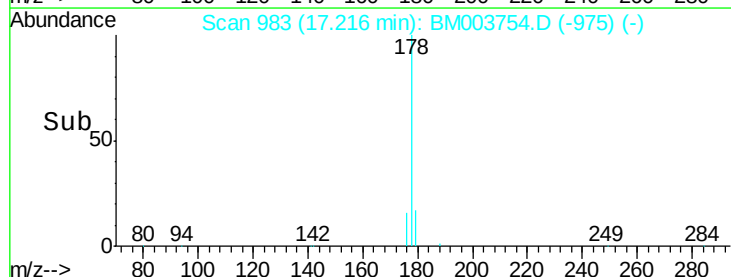
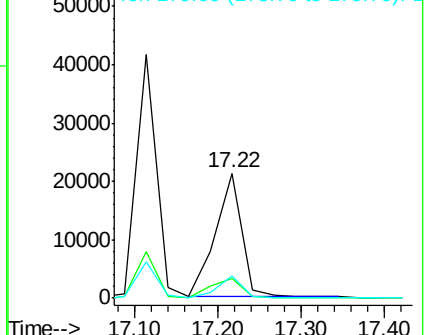
179 15.9 12.6 19.0

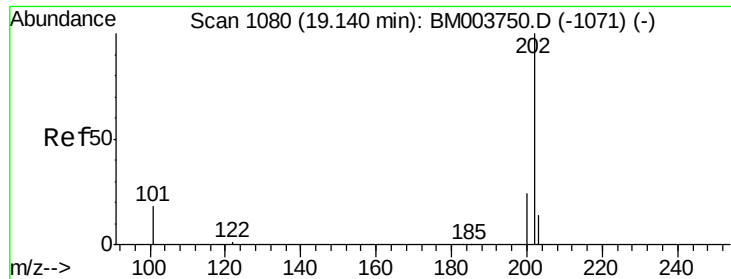


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

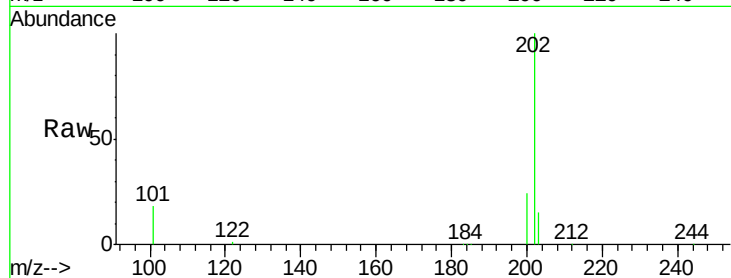




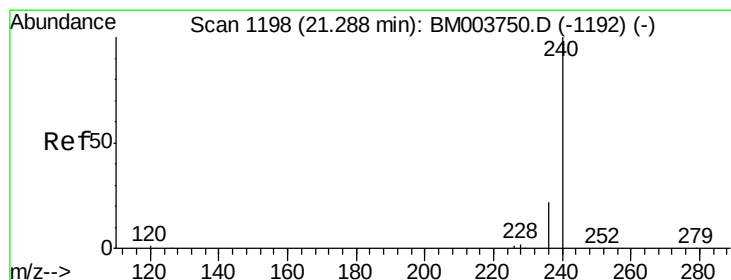
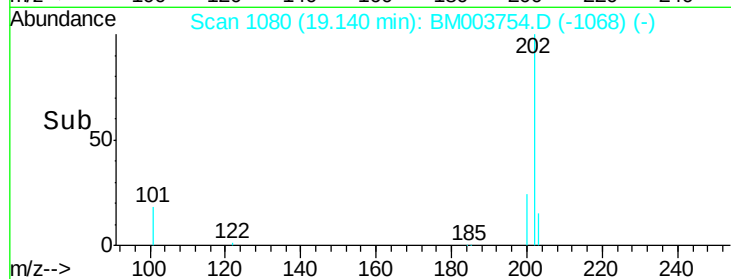
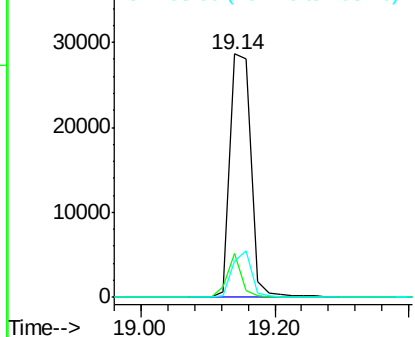
#25
 Fluoranthene
 Concen: 0.97 ng
 RT: 19.14 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: BM003754.D
 Acq: 23 Dec 2015 23:11

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:202 Resp: 62117
 Ion Ratio Lower Upper
 202 100
 101 11.8 9.7 14.5
 203 17.2 13.8 20.8

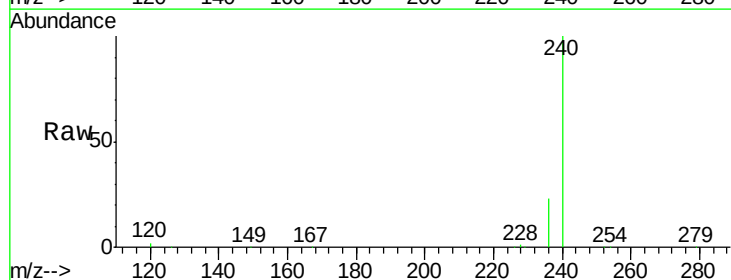


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

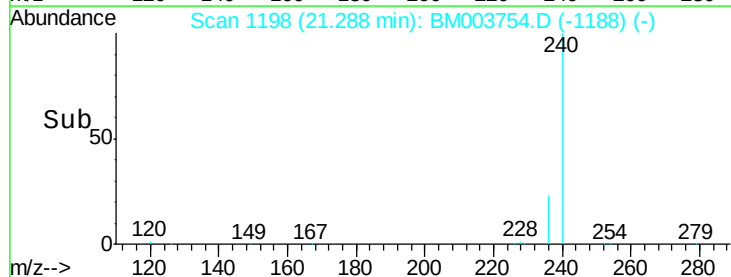
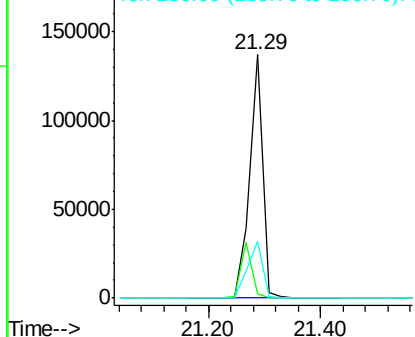


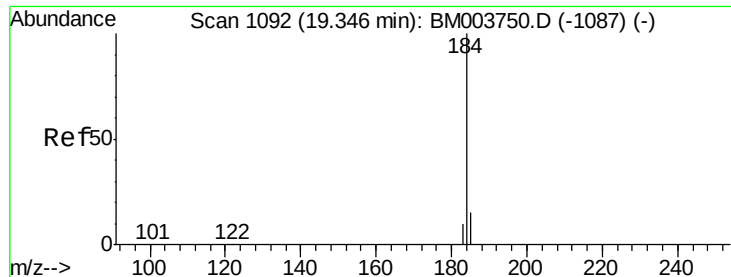
#26
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.29 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BM003754.D
 Acq: 23 Dec 2015 23:11

Tgt Ion:240 Resp: 222636
 Ion Ratio Lower Upper
 240 100
 120 1.6 0.9 1.3#
 236 23.3 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: 0.97 ng

RT: 19.35 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BM003754.D

Acq: 23 Dec 2015 23:11

Instrument :

BNA_M

ClientSampleId :

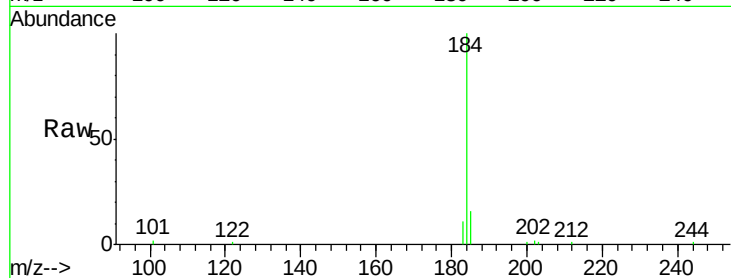
Tot Ion:184 Resp: 13961

Ion Ratio Lower Upper

184 100

185 16.2 13.2 19.8

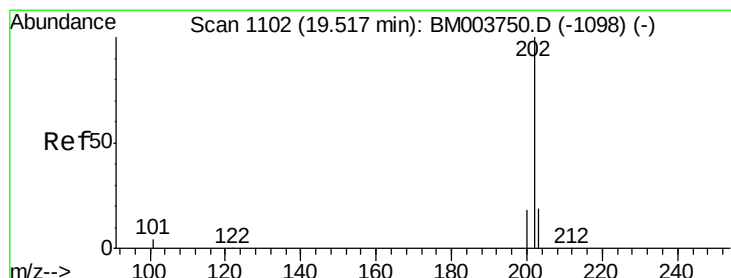
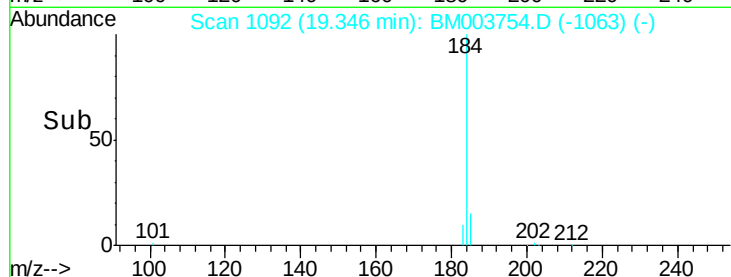
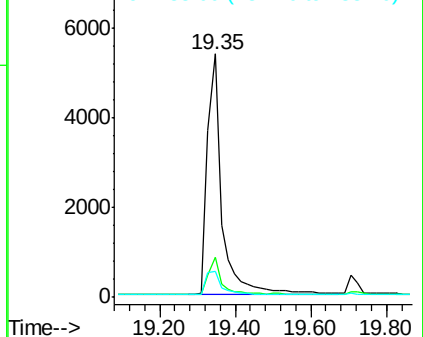
183 10.7 9.0 13.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#28

Pyrene

Concen: 0.89 ng

RT: 19.52 min Scan# 1102

Delta R.T. -0.00 min

Lab File: BM003754.D

Acq: 23 Dec 2015 23:11

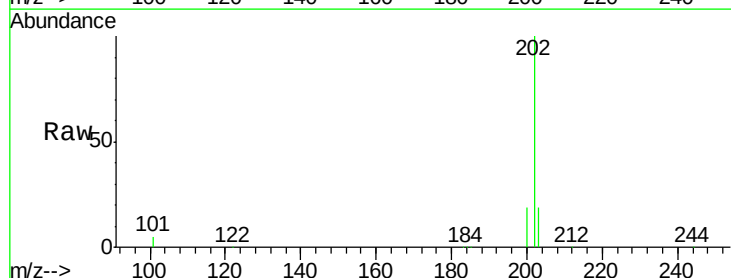
Tgt Ion:202 Resp: 65024

Ion Ratio Lower Upper

202 100

200 20.7 16.6 24.8

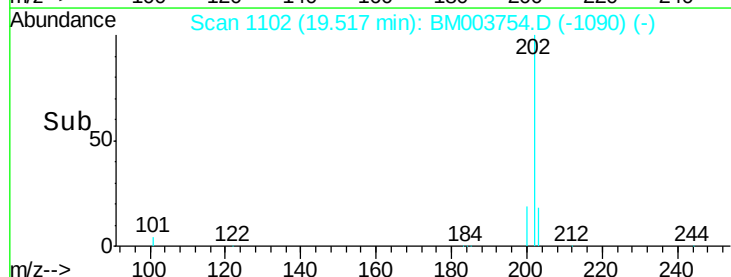
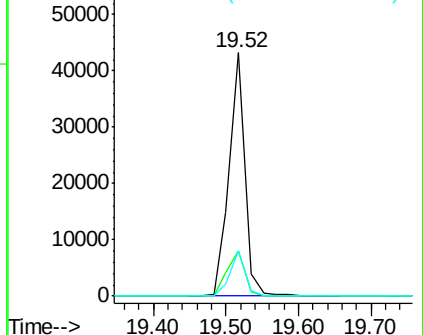
203 17.6 14.0 21.0

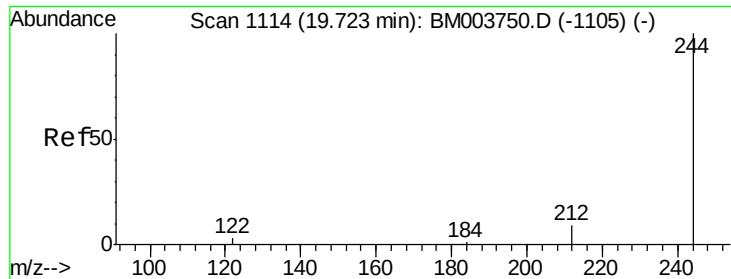


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.90 ng

RT: 19.72 min Scan# 1114

Delta R.T. 0.00 min

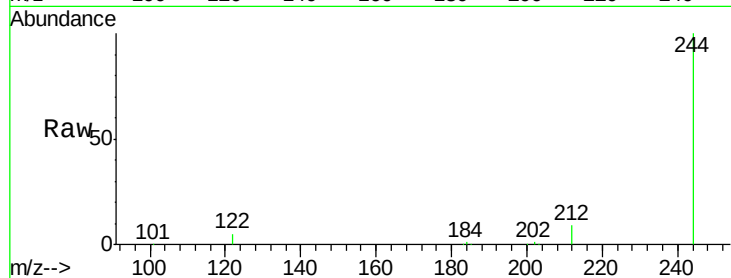
Lab File: BM003754.D

Acq: 23 Dec 2015 23:11

Instrument :

BNA_M

ClientSampleId :



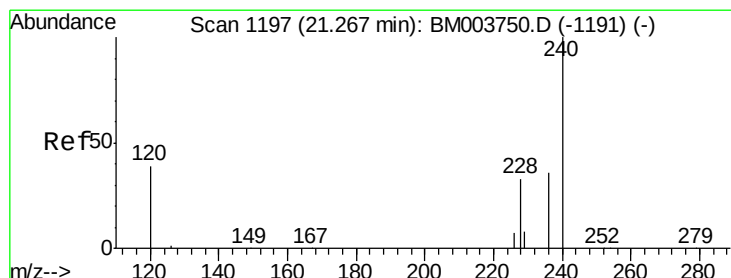
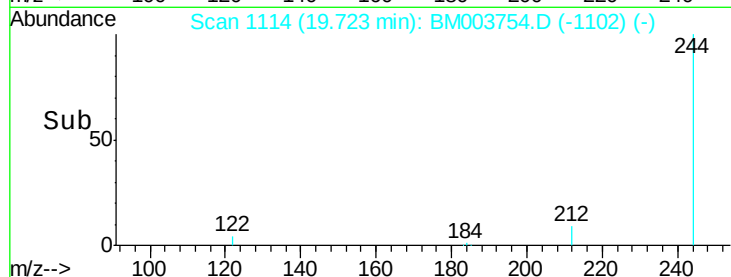
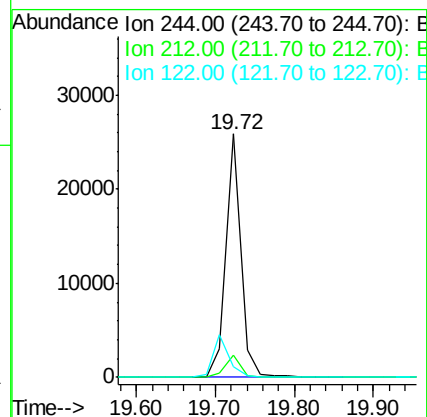
Tot Ion:244 Resp: 33025

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.6

122 4.5 3.0 4.6



#30

Benzo(a)anthracene

Concen: 0.86 ng

RT: 21.27 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BM003754.D

Acq: 23 Dec 2015 23:11

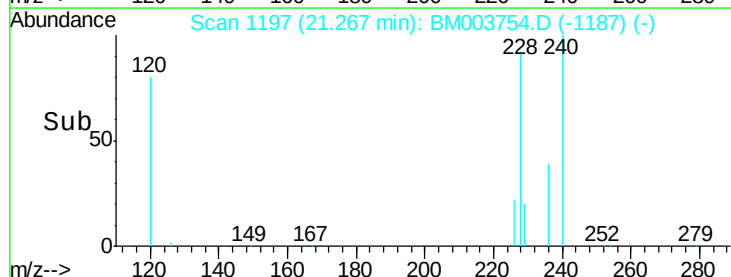
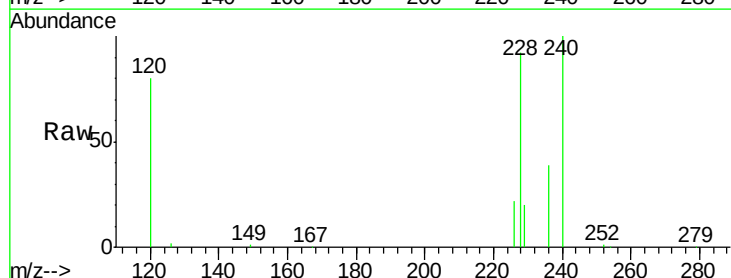
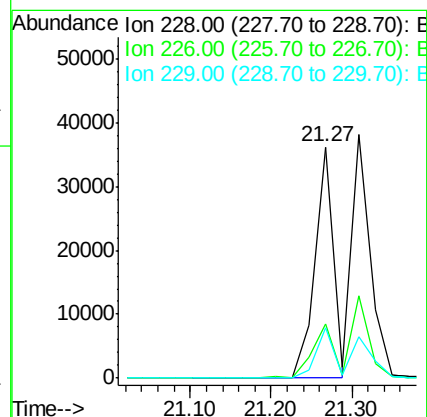
Tgt Ion:228 Resp: 56906

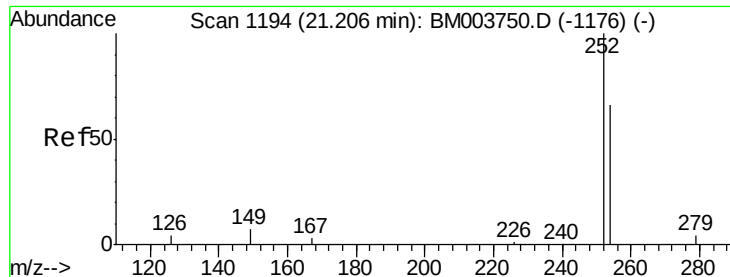
Ion Ratio Lower Upper

228 100

226 23.6 17.2 25.8

229 21.8 18.7 28.1

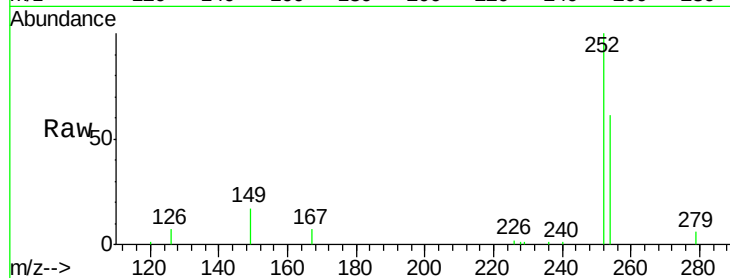




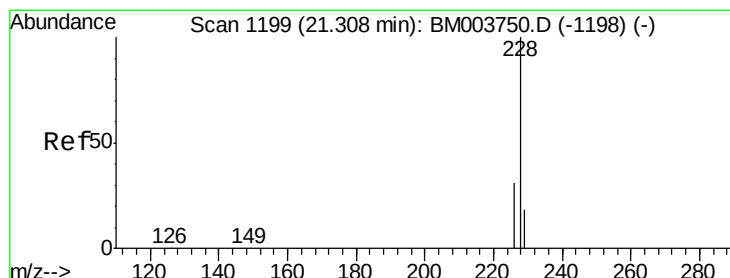
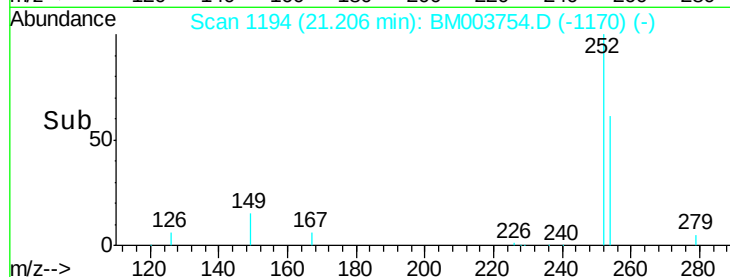
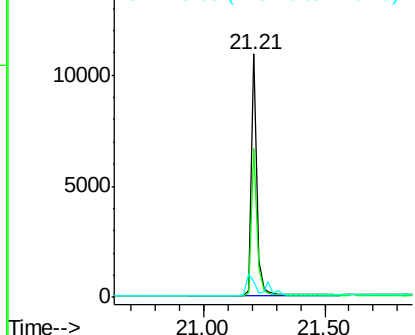
#31
 3,3'-Dichlorobenzidine
 Concen: 1.00 ng
 RT: 21.21 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BM003754.D
 Acq: 23 Dec 2015 23:11

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:252 Resp: 17119
 Ion Ratio Lower Upper
 252 100
 254 61.2 52.6 79.0
 126 6.5 3.7 5.5#

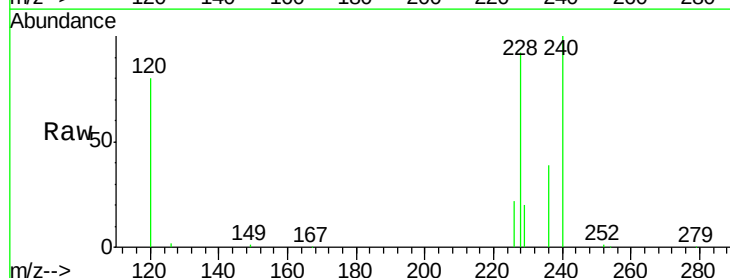


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

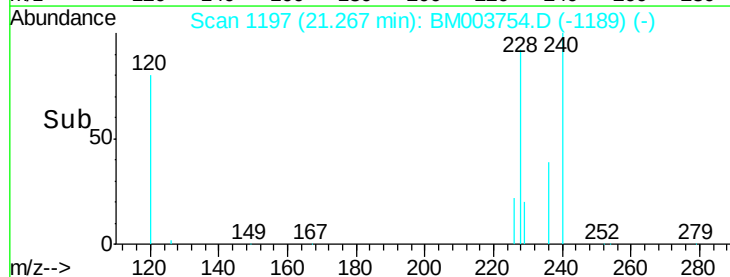
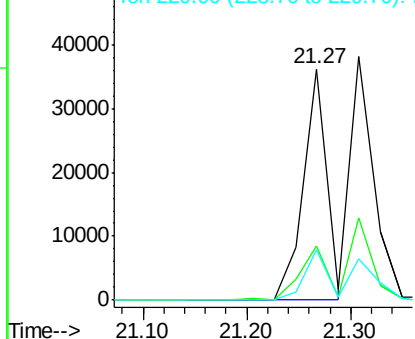


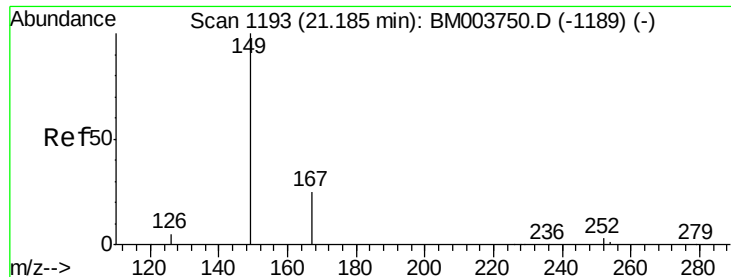
#32
 Chrysene
 Concen: 0.88 ng
 RT: 21.27 min Scan# 1197
 Delta R.T. -0.04 min
 Lab File: BM003754.D
 Acq: 23 Dec 2015 23:11

Tgt Ion:228 Resp: 56917
 Ion Ratio Lower Upper
 228 100
 226 23.6 25.3 37.9#
 229 21.8 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: 0.86 ng

RT: 21.19 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BM003754.D

Acq: 23 Dec 2015 23:11

Instrument :

BNA_M

ClientSampleId :

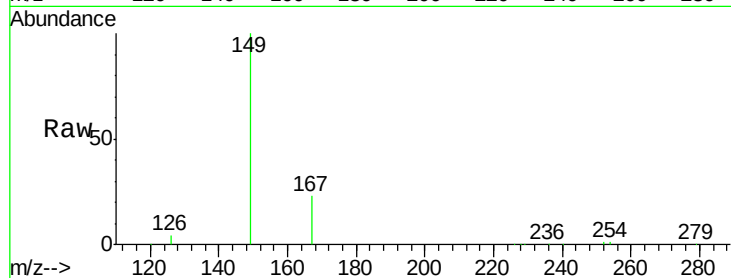
Tot Ion:149 Resp: 31986

Ion Ratio Lower Upper

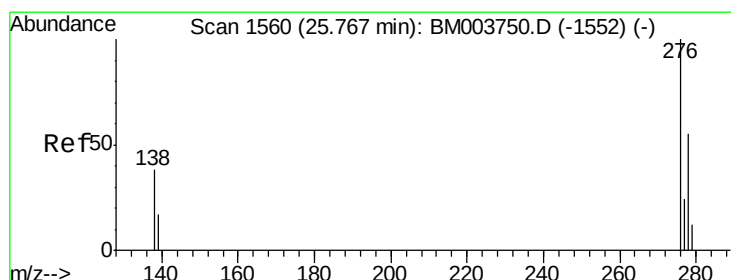
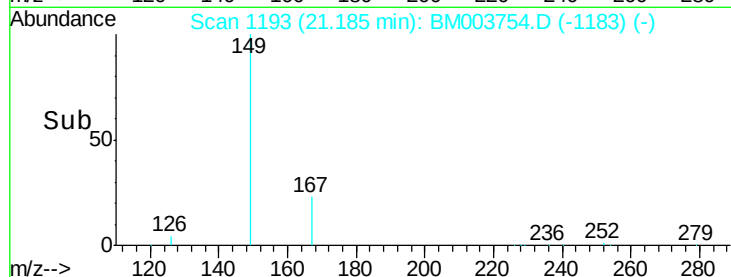
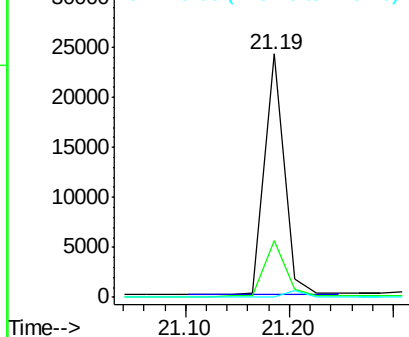
149 100

167 24.4 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: 0.91 ng

RT: 25.78 min Scan# 1561

Delta R.T. 0.01 min

Lab File: BM003754.D

Acq: 23 Dec 2015 23:11

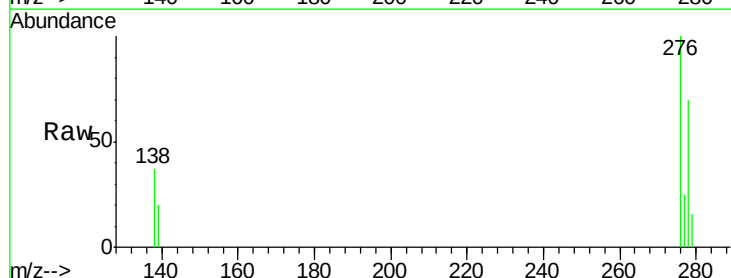
Tgt Ion:276 Resp: 43065

Ion Ratio Lower Upper

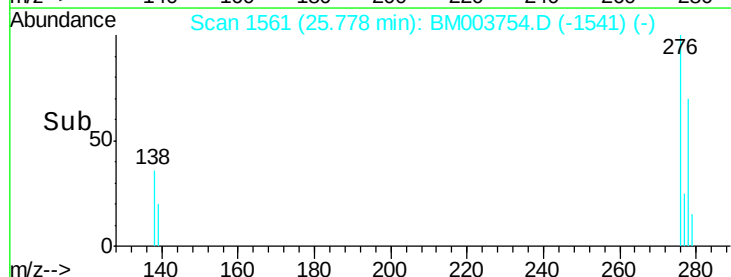
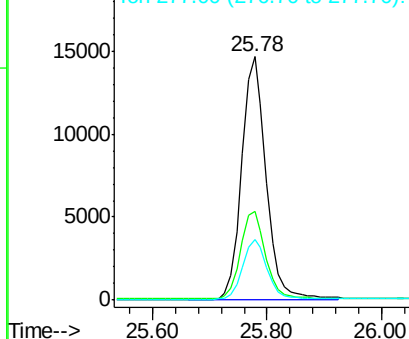
276 100

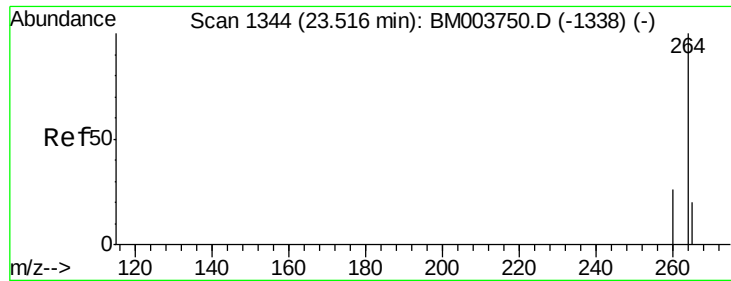
138 37.0 30.2 45.2

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



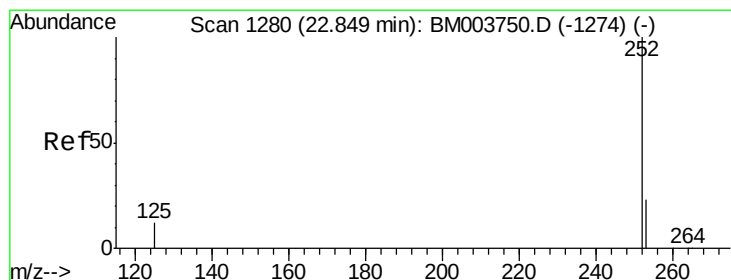
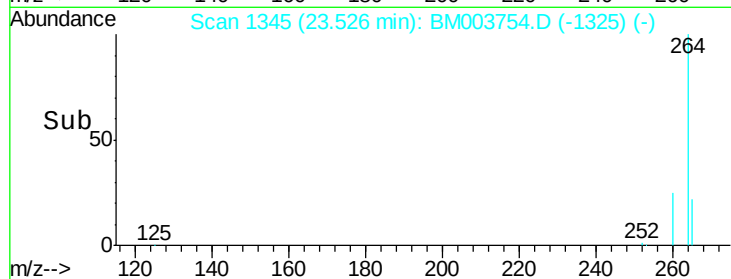
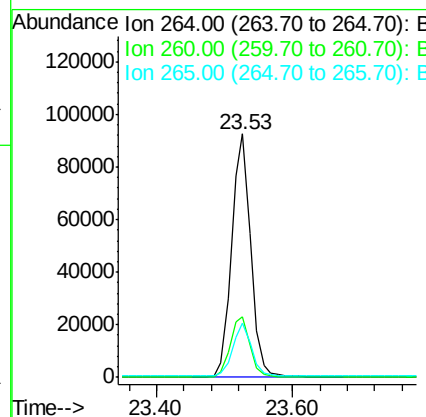
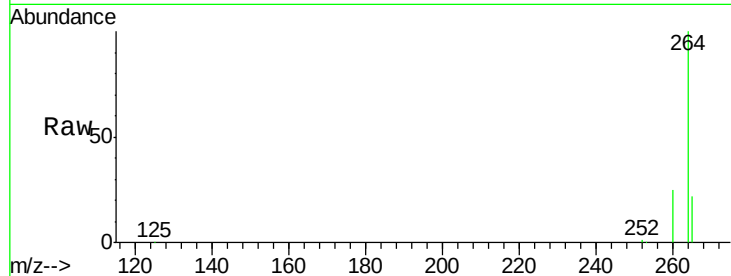


#35
Pervlene-d12
Concen: 5.00 ng
RT: 23.53 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BM003754.D
Acq: 23 Dec 2015 23:11

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 179657

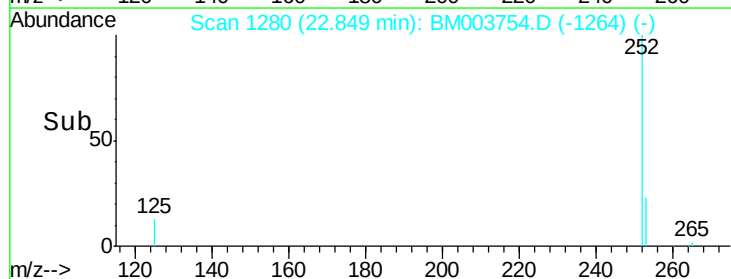
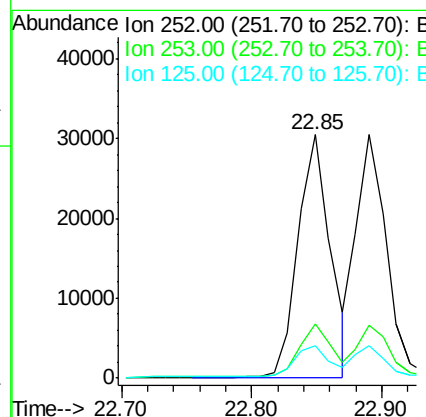
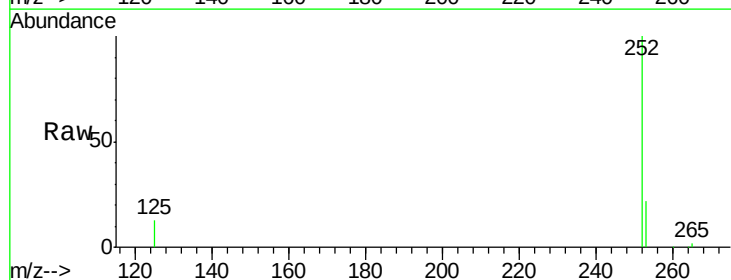
Ion	Ratio	Lower	Upper
264	100		
260	25.0	21.2	31.8
265	22.2	16.7	25.1

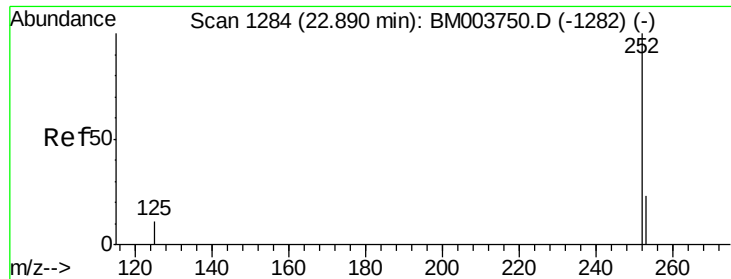


#36
Benzo(b)fluoranthene
Concen: 0.92 ng
RT: 22.85 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BM003754.D
Acq: 23 Dec 2015 23:11

Tgt Ion:252 Resp: 51928

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.8	28.2
125	13.2	10.2	15.4

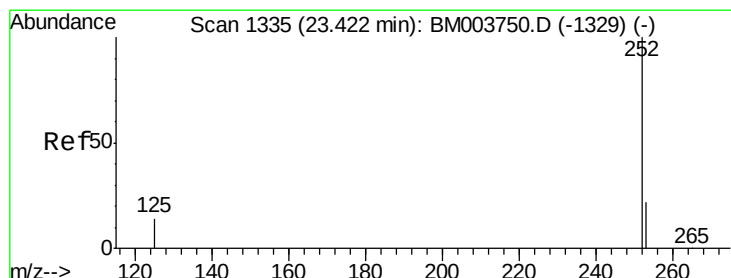
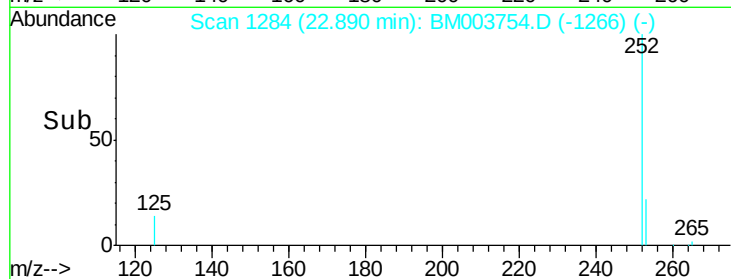
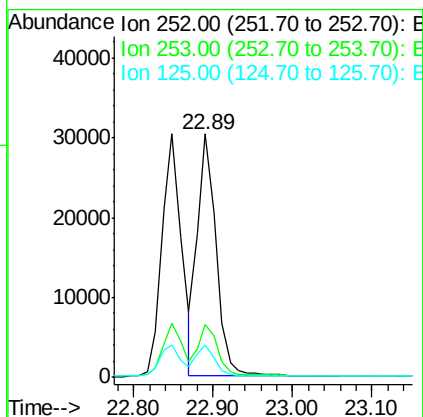
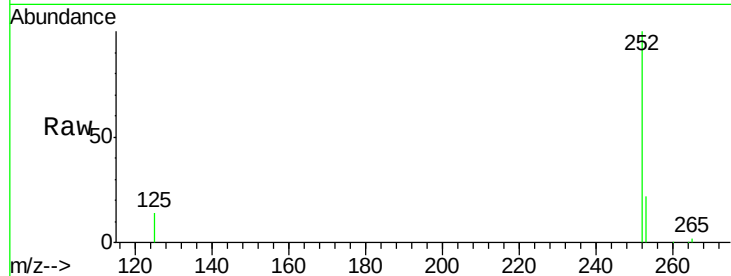




#37
Benzo(k)fluoranthene
Concen: 0.95 ng
RT: 22.89 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BM003754.D
Acq: 23 Dec 2015 23:11

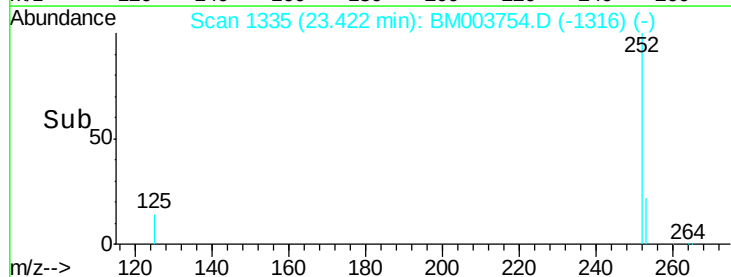
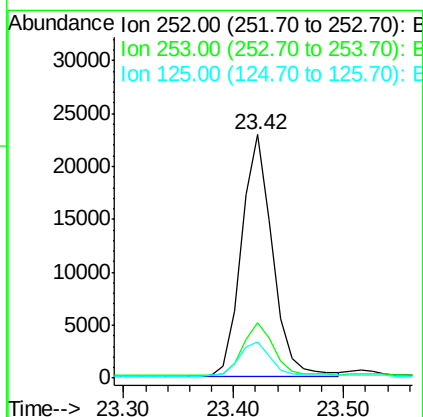
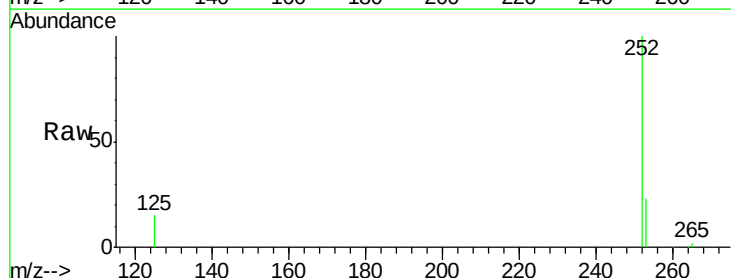
Instrument :
BNA_M
ClientSampleId :

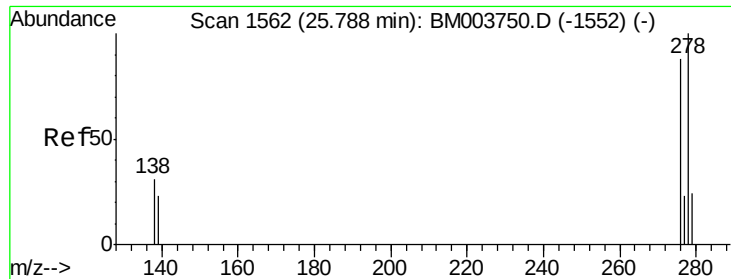
Tot Ion:252 Resp: 49276
Ion Ratio Lower Upper
252 100
253 22.0 18.3 27.5
125 13.5 10.6 15.8



#38
Benzo(a)pyrene
Concen: 0.92 ng
RT: 23.42 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BM003754.D
Acq: 23 Dec 2015 23:11

Tgt Ion:252 Resp: 44500
Ion Ratio Lower Upper
252 100
253 22.7 18.7 28.1
125 14.8 11.8 17.8





#39

Dibenzo(a,h)anthracene

Concen: 0.92 ng

RT: 25.79 min Scan# 1562

Delta R.T. -0.00 min

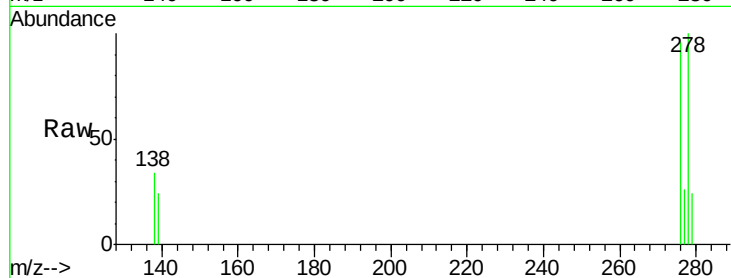
Lab File: BM003754.D

Acq: 23 Dec 2015 23:11

Instrument :

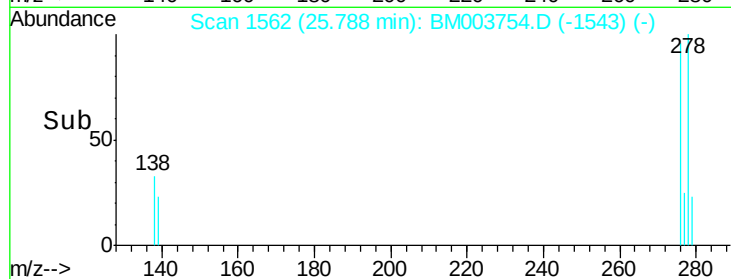
BNA_M

ClientSampleId :



Tot Ion:278 Resp: 34618

Ion	Ratio	Lower	Upper
278	100		
139	23.7	19.0	28.6
279	24.0	19.6	29.4

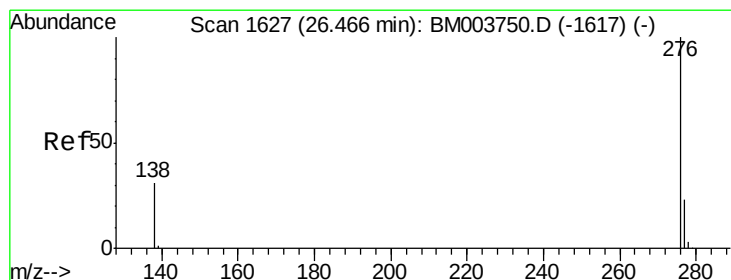
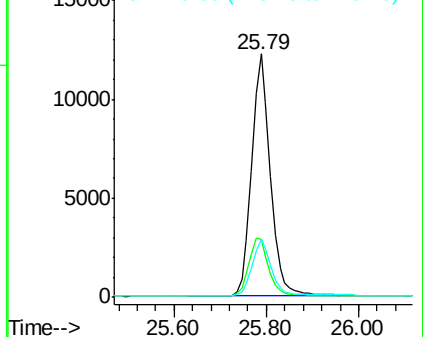


Abundance

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: 0.92 ng

RT: 26.47 min Scan# 1627

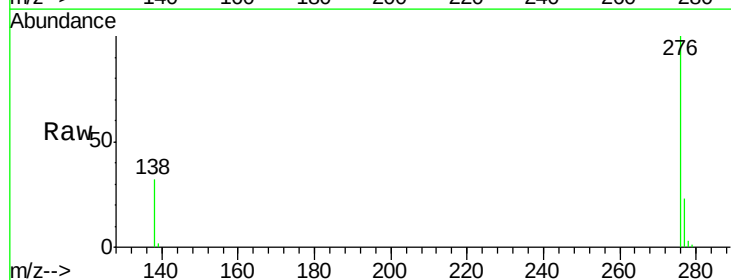
Delta R.T. -0.00 min

Lab File: BM003754.D

Acq: 23 Dec 2015 23:11

Tgt Ion:276 Resp: 35984

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.1	28.7
138	32.2	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

