

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112715\
 Data File : BM003314.D
 Acq On : 27 Nov 2015 20:57
 Operator : UM/IZ
 Sample : G4510-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-14A-111815

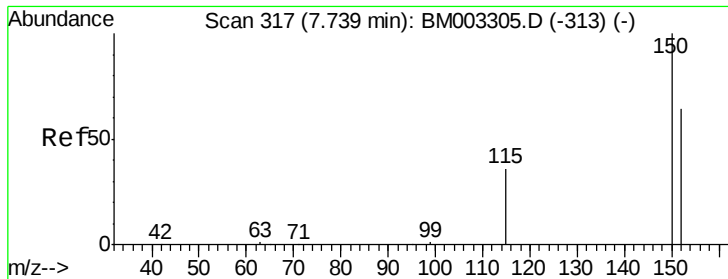
Quant Time: Nov 27 22:28:05 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM112715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 27 16:36:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	52184	5.00	ng	0.00
7) Naphthalene-d8	10.52	136	207608	5.00	ng	0.00
13) Acenaphthene-d10	14.38	164	108443	5.00	ng	0.00
19) Phenanthrene-d10	17.12	188	252794	5.00	ng	0.00
26) Chrysene-d12	21.32	240	218403	5.00	ng	0.00
35) Perylene-d12	23.58	264	172640	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	37600	3.65	ng	0.00
5) Phenol-d6	6.90	99	30156	2.55	ng	0.00
8) Nitrobenzene-d5	8.90	82	32446	3.51	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	23413	9.26	ng	0.00
15) 2-Fluorobiphenyl	13.00	172	123297	3.52	ng	0.00
29) Terphenyl-d14	19.76	244	125816	4.13	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	7007	1.52	ng	# 1
3) n-Nitrosodimethylamine	3.46	42	215	0.04	ng	# 1
6) bis(2-Chloroethyl)ether	7.05	93	95	0.01	ng	# 22
9) Nitrobenzene	8.93	77	237	0.02	ng	# 41
10) Naphthalene	10.58	128	34043	0.76	ng	# 96
12) 2-Methylnaphthalene	12.19	142	20904	0.74	ng	# 96
16) Acenaphthylene	14.09	152	716	0.02	ng	# 4
17) Acenaphthene	14.38	154	489	0.02	ng	# 100
18) Fluorene	15.42	166	2175	0.07	ng	# 94
20) 4-Bromophenyl-phenylether	16.30	248	14	0.21	ng	# 6
21) Hexachlorobenzene	16.43	284	14	0.00	ng	# 1
22) Pentachlorophenol	16.79	266	797	0.37	ng	# 82
23) Phenanthrene	17.15	178	1523	0.12	ng	# 41
24) Anthracene	17.25	178	716	0.02	ng	# 77
25) Fluoranthene	19.18	202	265	0.00	ng	# 10
27) Benzidine	19.37	184	449	0.16	ng	# 1
28) Pyrene	19.56	202	299	0.00	ng	# 58
30) Benzo(a)anthracene	21.32	228	1450	0.03	ng	# 63
31) 3,3'-Dichlorobenzidine	21.26	252	108	0.17	ng	# 64
32) Chrysene	21.32	228	1425	0.03	ng	# 71
33) Bis(2-ethylhexyl)phthalate	21.24	149	2543	0.15	ng	# 94
34) Indeno(1,2,3-cd)pyrene	25.85	276	2781	0.05	ng	# 76
36) Benzo(b)fluoranthene	22.89	252	580	0.01	ng	# 1
37) Benzo(k)fluoranthene	22.95	252	455	0.01	ng	# 1
38) Benzo(a)pyrene	23.48	252	620	0.02	ng	# 1
39) Dibenzo(a,h)anthracene	25.88	278	3072	0.09	ng	# 78
40) Benzo(g,h,i)perylene	26.55	276	1542	0.04	ng	# 71

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

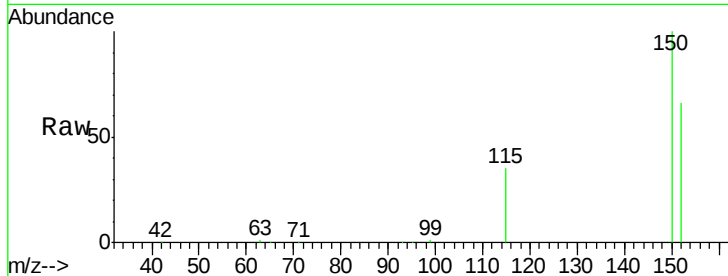


#1

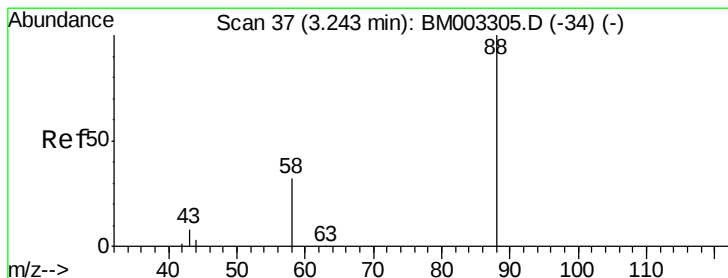
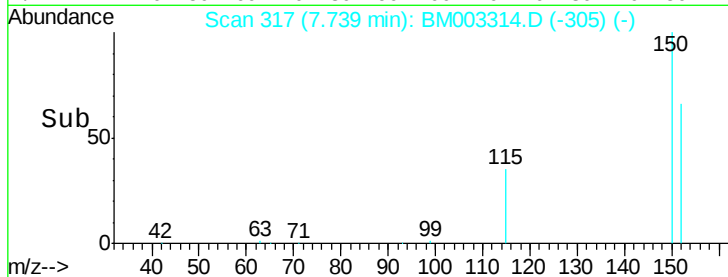
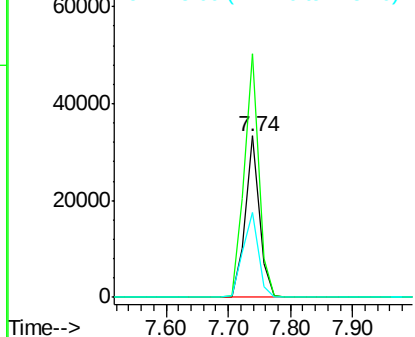
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.74 min Scan# 317
Delta R.T. -0.00 min
Lab File: BM003314.D
Acq: 27 Nov 2015 20:57

Instrument :
BNA_M
ClientSampleId :
MW-14A-111815

Tgt Ion:152 Resp: 52184
Ion Ratio Lower Upper
152 100
150 150.8 143.6 215.4
115 52.3 58.5 87.7#



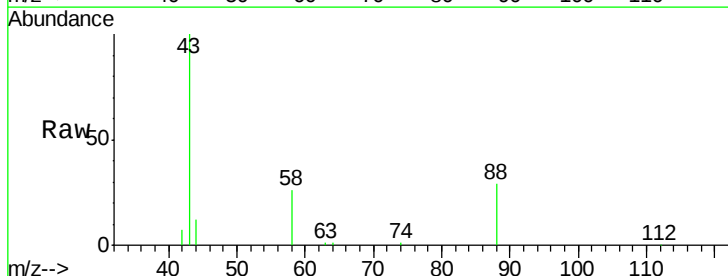
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



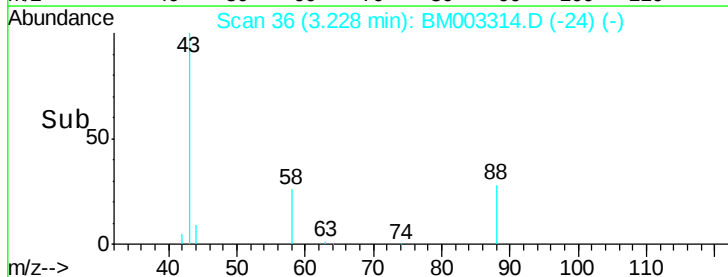
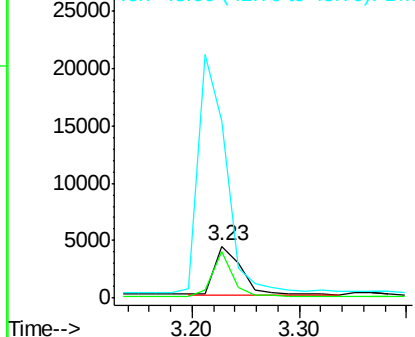
#2

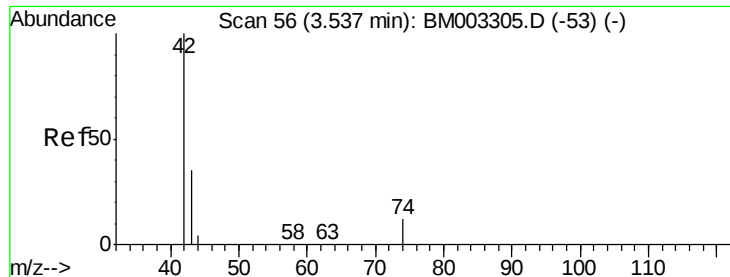
1,4-Dioxane
Concen: 1.52 ng
RT: 3.23 min Scan# 36
Delta R.T. -0.02 min
Lab File: BM003314.D
Acq: 27 Nov 2015 20:57

Tgt Ion: 88 Resp: 7007
Ion Ratio Lower Upper
88 100
58 72.6 55.2 82.8
43 531.7 21.8 32.6#



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: 0.04 ng

RT: 3.46 min Scan# 51

Delta R.T. -0.08 min

Lab File: BM003314.D

Acq: 27 Nov 2015 20:57

Instrument :

BNA_M

ClientSampleId :

MW-14A-111815

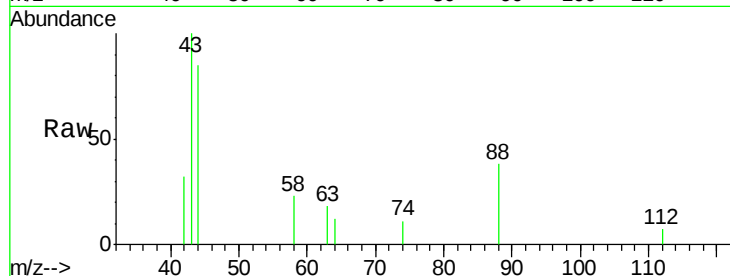
Tgt Ion: 42 Resp: 215

Ion Ratio Lower Upper

42 100

74 0.0 101.0 151.4#

44 0.0 6.3 9.5#

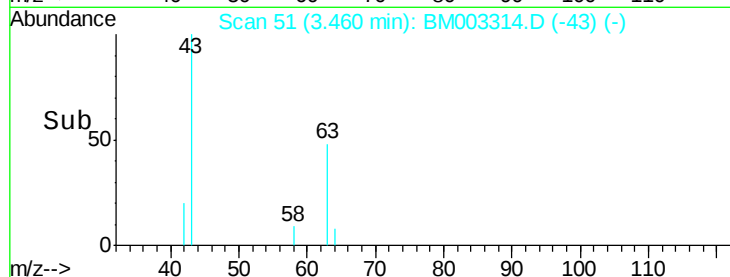


Abundance Ion 42.00 (41.70 to 42.70): BM003305.D (-53) (-)

Ion 74.00 (73.70 to 74.70): BM003305.D (-53) (-)

Ion 44.00 (43.70 to 44.70): BM003305.D (-53) (-)

Time-->

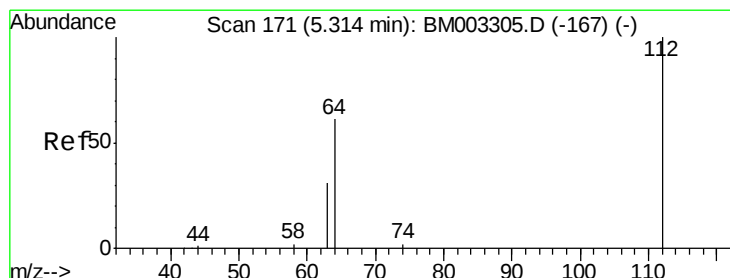


Abundance Ion 42.00 (41.70 to 42.70): BM003314.D (-43) (-)

Ion 74.00 (73.70 to 74.70): BM003314.D (-43) (-)

Ion 44.00 (43.70 to 44.70): BM003314.D (-43) (-)

Time-->



#4

2-Fluorophenol

Concen: 3.65 ng

RT: 5.31 min Scan# 171

Delta R.T. -0.00 min

Lab File: BM003314.D

Acq: 27 Nov 2015 20:57

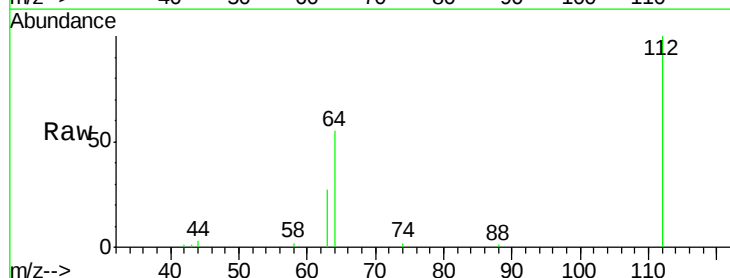
Tgt Ion: 112 Resp: 37600

Ion Ratio Lower Upper

112 100

64 51.2 41.2 61.8

63 26.6 21.2 31.8

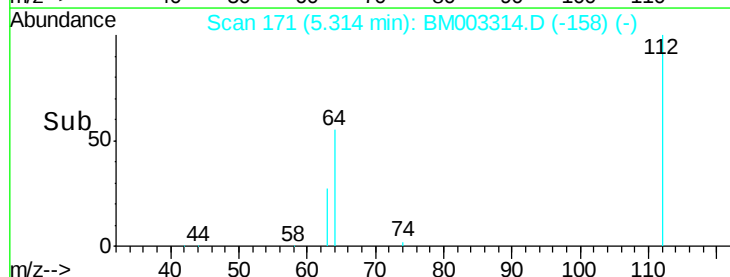


Abundance Ion 112.00 (111.70 to 112.70): BM003305.D (-167) (-)

Ion 64.00 (63.70 to 64.70): BM003305.D (-167) (-)

Ion 63.00 (62.70 to 63.70): BM003305.D (-167) (-)

Time-->

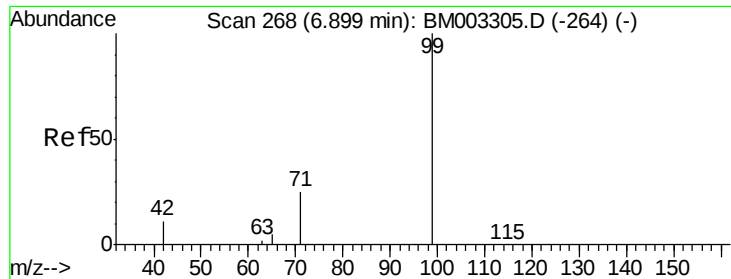


Abundance Ion 112.00 (111.70 to 112.70): BM003314.D (-158) (-)

Ion 64.00 (63.70 to 64.70): BM003314.D (-158) (-)

Ion 63.00 (62.70 to 63.70): BM003314.D (-158) (-)

Time-->



#5

Phenol-d6

Concen: 2.55 ng

RT: 6.90 min Scan# 268

Delta R.T. -0.00 min

Lab File: BM003314.D

Acq: 27 Nov 2015 20:57

Instrument :

BNA_M

ClientSampleId :

MW-14A-111815

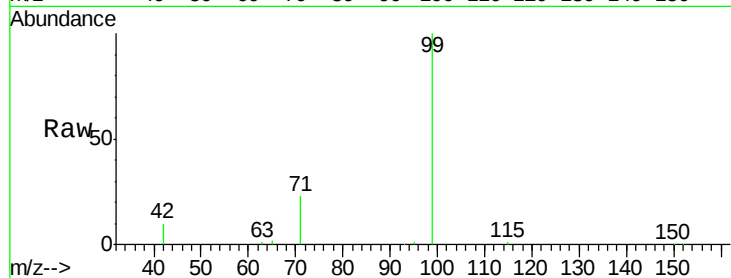
Tgt Ion: 99 Resp: 30156

Ion Ratio Lower Upper

99 100

42 17.8 14.6 22.0

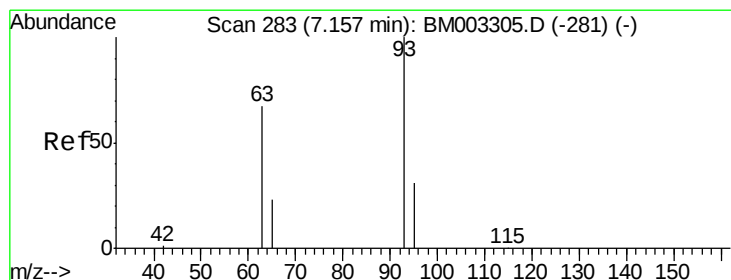
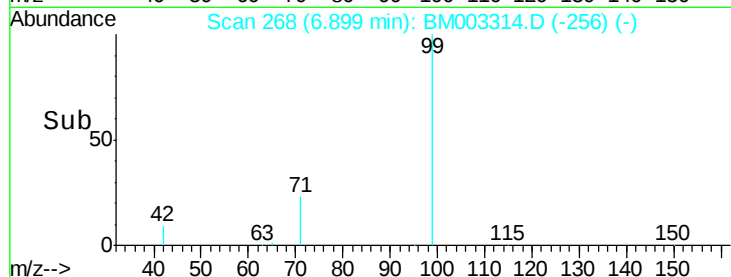
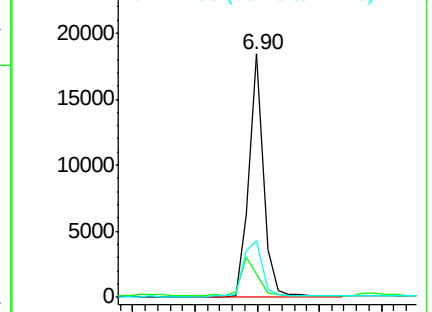
71 29.8 23.3 34.9



Abundance Ion 99.00 (98.70 to 99.70): BM003314.D (-256) (-)

Ion 42.00 (41.70 to 42.70): BM003314.D (-256) (-)

Ion 71.00 (70.70 to 71.70): BM003314.D (-256) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.01 ng

RT: 7.05 min Scan# 277

Delta R.T. -0.10 min

Lab File: BM003314.D

Acq: 27 Nov 2015 20:57

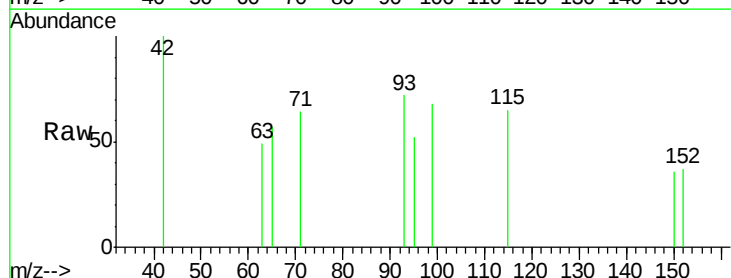
Tgt Ion: 93 Resp: 95

Ion Ratio Lower Upper

93 100

63 0.0 58.2 87.4#

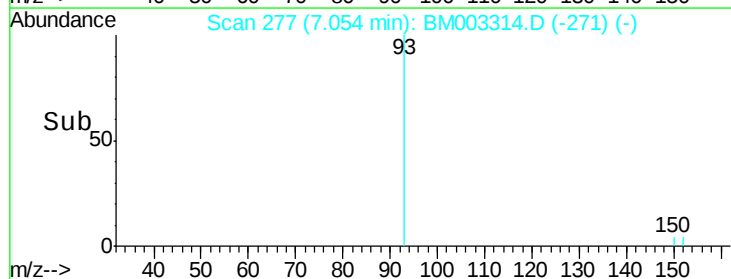
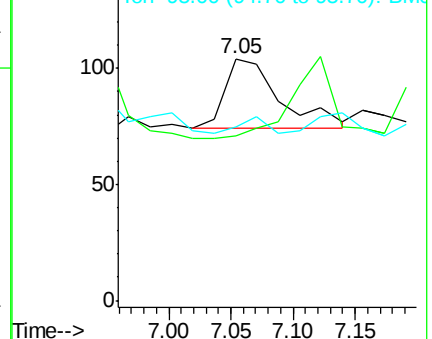
95 0.0 26.2 39.4#

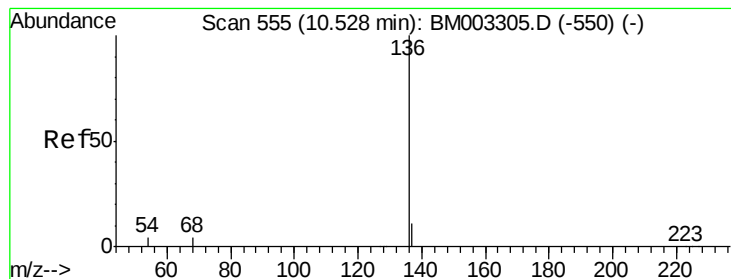


Abundance Ion 93.00 (92.70 to 93.70): BM003314.D (-271) (-)

Ion 63.00 (62.70 to 63.70): BM003314.D (-271) (-)

Ion 95.00 (94.70 to 95.70): BM003314.D (-271) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.52 min Scan# 554

Delta R.T. -0.00 min

Lab File: BM003314.D

Acq: 27 Nov 2015 20:57

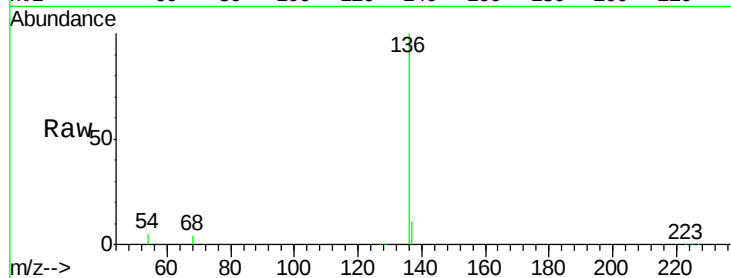
Instrument :

BNA_M

ClientSampleId :

MW-14A-111815

Tgt Ion:	136	Resp:	207608
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.0	12.0
54	4.7	7.4	11.0#
68	4.1	5.8	8.6#

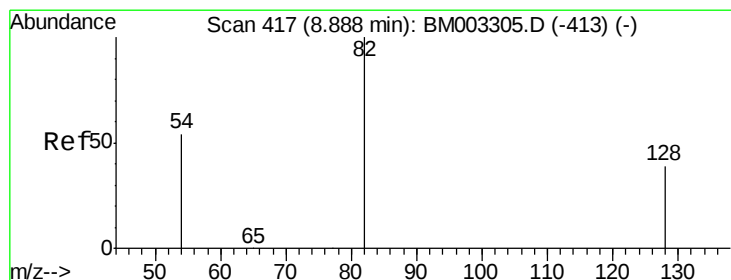
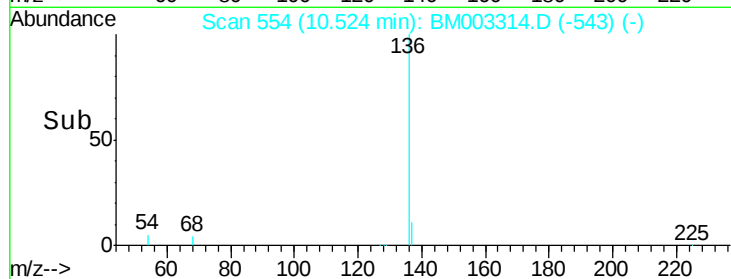
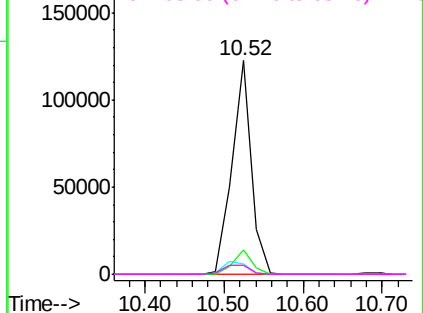


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#8

Nitrobenzene-d5

Concen: 3.51 ng

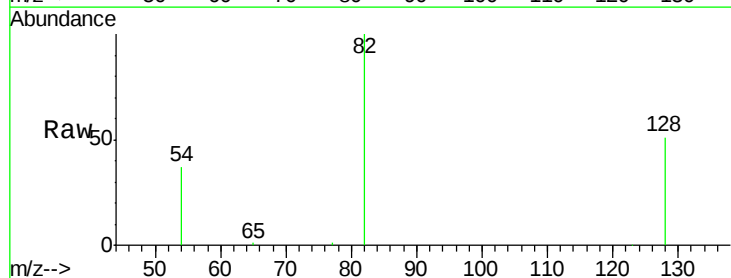
RT: 8.90 min Scan# 417

Delta R.T. 0.01 min

Lab File: BM003314.D

Acq: 27 Nov 2015 20:57

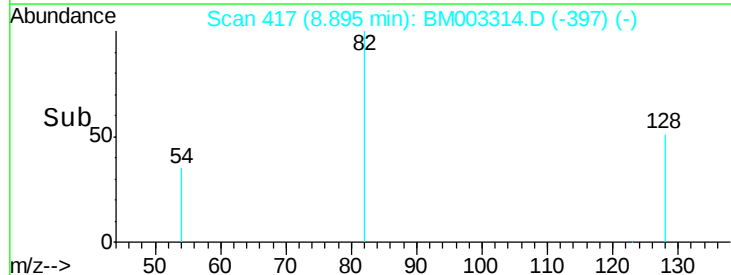
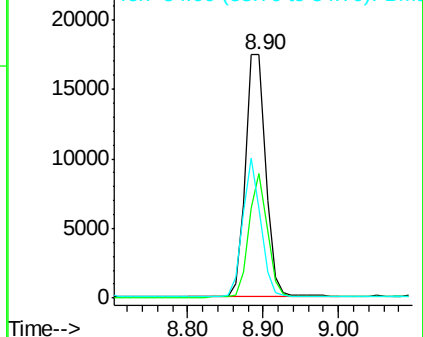
Tgt Ion:	82	Resp:	32446
Ion Ratio	Lower	Upper	
82	100		
128	51.1	35.2	52.8
54	36.8	36.4	54.6

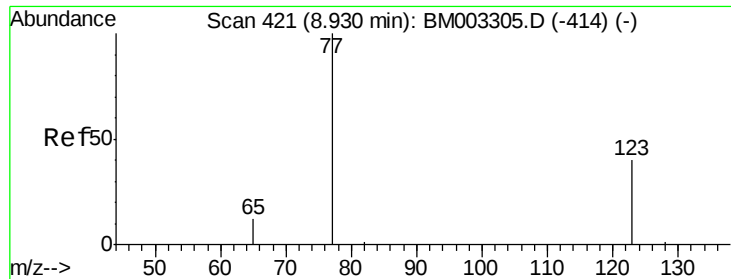


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 0.02 ng

RT: 8.93 min Scan# 420

Delta R.T. -0.00 min

Lab File: BM003314.D

Acq: 27 Nov 2015 20:57

Instrument :

BNA_M

ClientSampleId :

MW-14A-111815

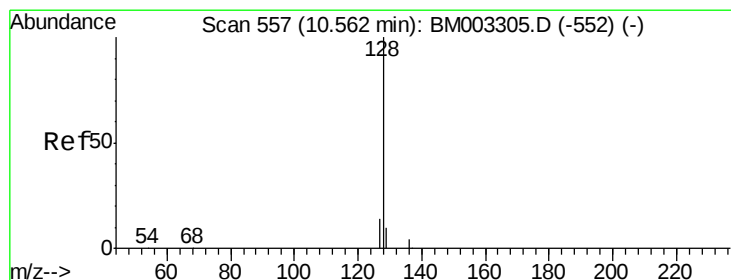
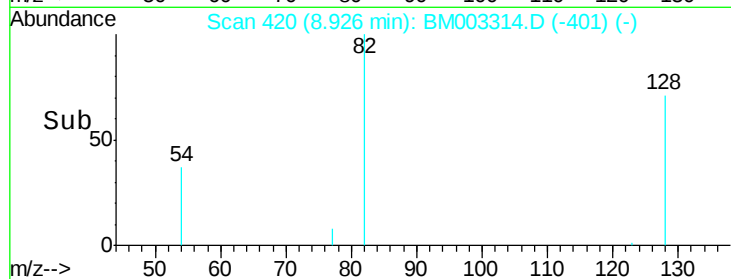
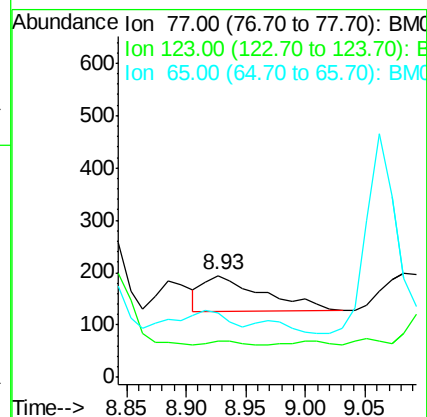
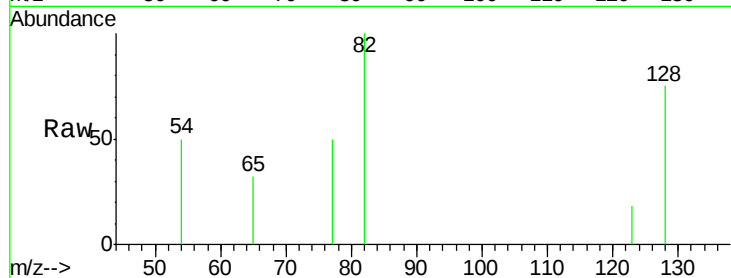
Tgt Ion: 77 Resp: 237

Ion Ratio Lower Upper

77 100

123 9.3 37.7 56.5#

65 38.8 9.8 14.6#



#10

Naphthalene

Concen: 0.76 ng

RT: 10.58 min Scan# 557

Delta R.T. 0.01 min

Lab File: BM003314.D

Acq: 27 Nov 2015 20:57

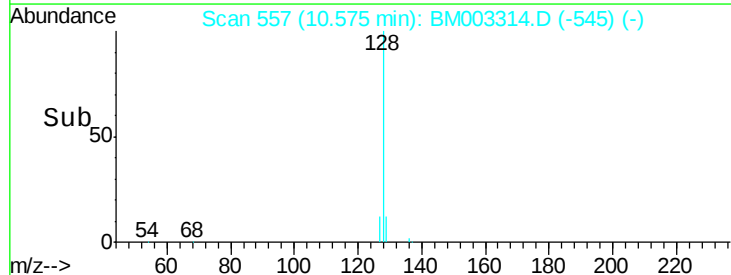
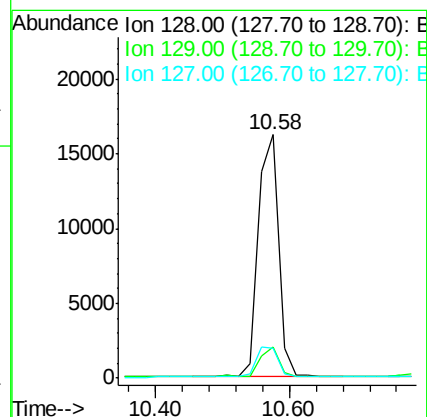
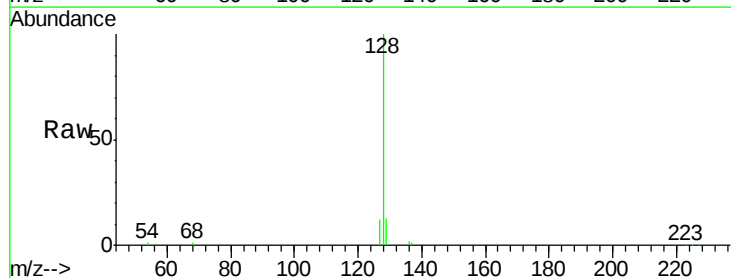
Tgt Ion: 128 Resp: 34043

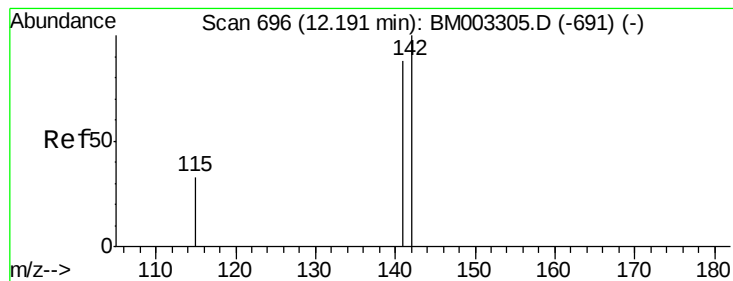
Ion Ratio Lower Upper

128 100

129 12.8 8.5 12.7#

127 12.1 10.6 16.0





#12

2-Methylnaphthalene

Concen: 0.74 ng

RT: 12.19 min Scan# 696

Delta R.T. -0.00 min

Lab File: BM003314.D

Acq: 27 Nov 2015 20:57

Instrument :

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MW-14A-111815

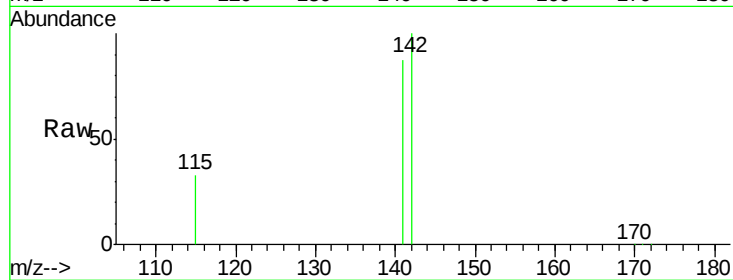
Tgt Ion:142 Resp: 20904

Ion Ratio Lower Upper

142 100

141 86.7 72.2 108.2

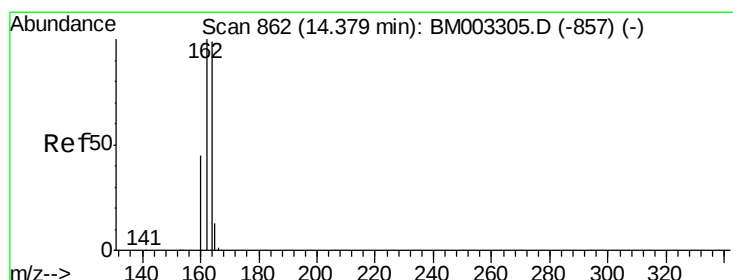
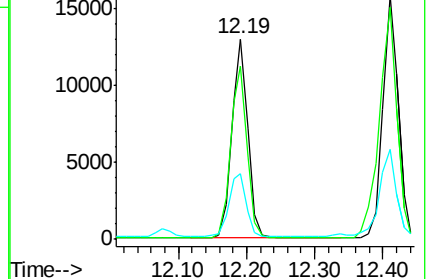
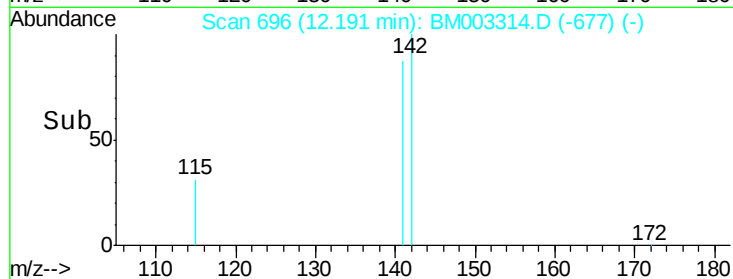
115 32.8 28.0 42.0



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: 14.38 min Scan# 862

Delta R.T. -0.00 min

Lab File: BM003314.D

Acq: 27 Nov 2015 20:57

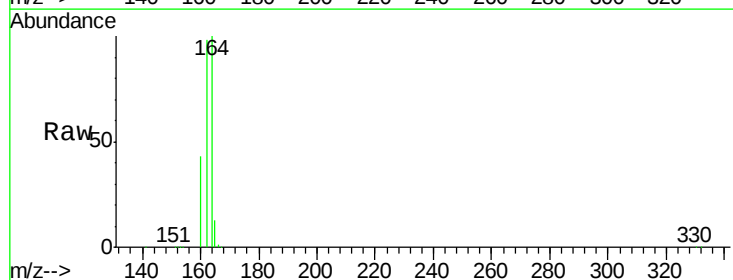
Tgt Ion:164 Resp: 108443

Ion Ratio Lower Upper

164 100

162 98.1 78.3 117.5

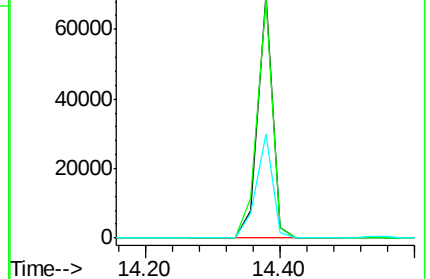
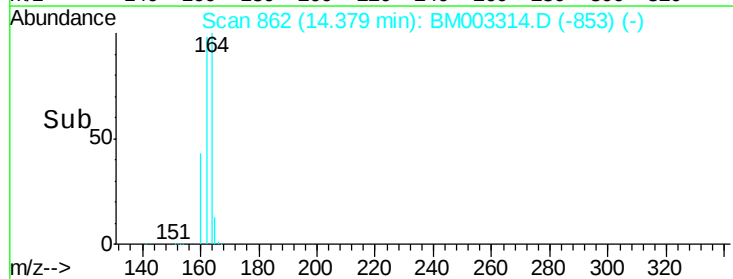
160 42.7 33.8 50.6

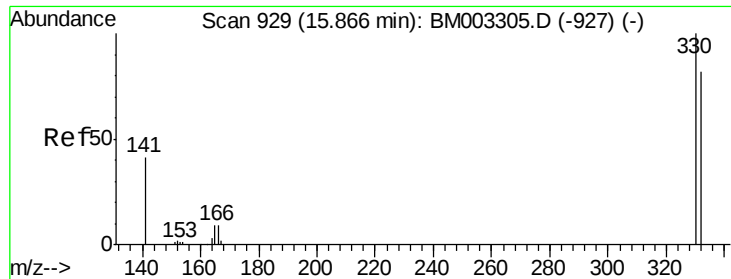


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

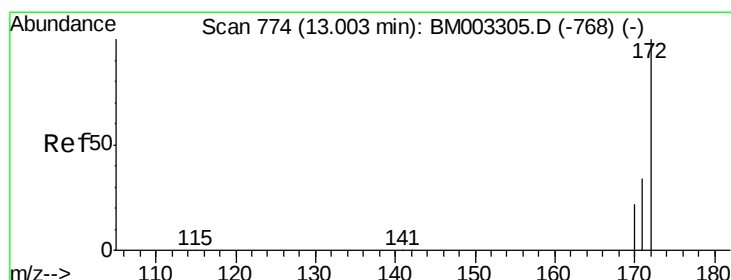
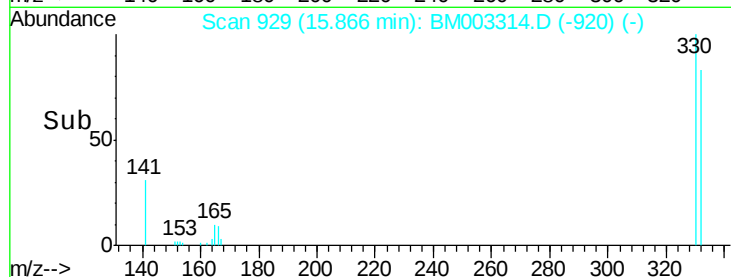
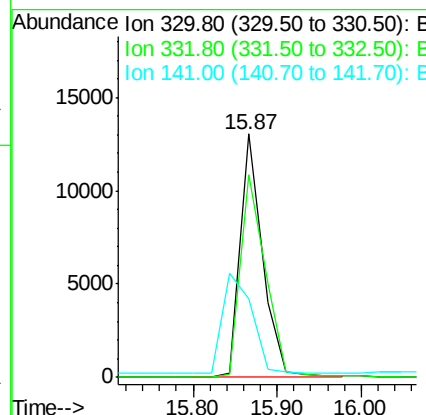
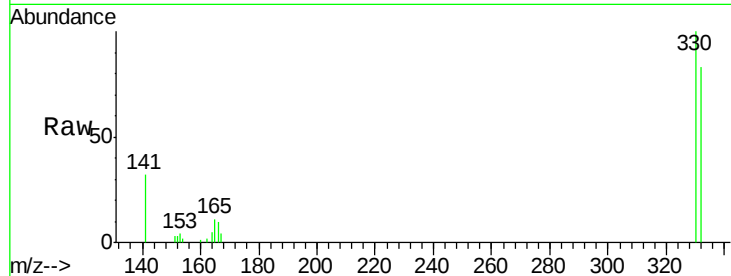




#14
 2,4,6-Tribromophenol
 Concen: 9.26 ng
 RT: 15.87 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: BM003314.D
 Acq: 27 Nov 2015 20:57

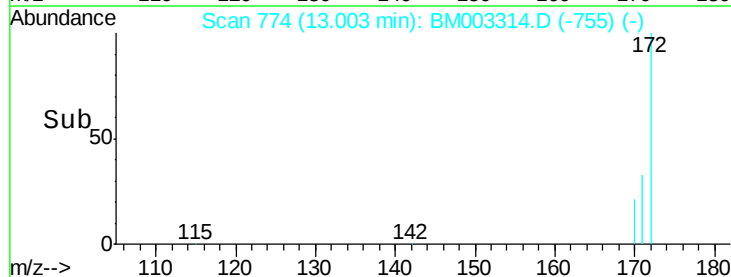
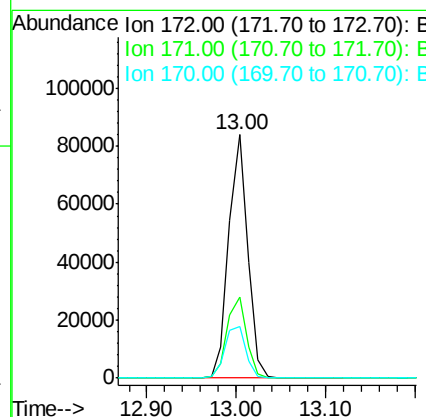
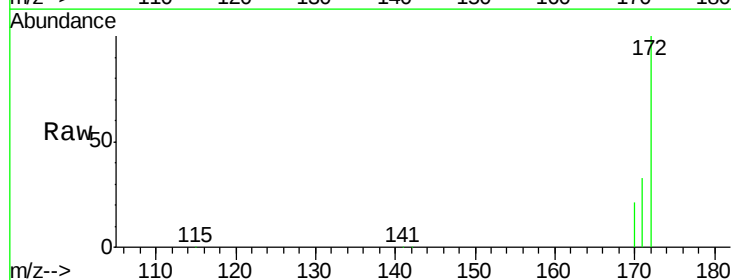
Instrument :
 BNA_M
 ClientSampleId :
 MW-14A-111815

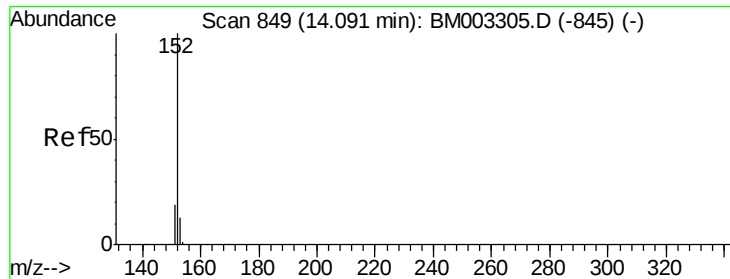
Tgt Ion:330 Resp: 23413
 Ion Ratio Lower Upper
 330 100
 332 93.1 76.0 114.0
 141 0.0 0.0 0.0



#15
 2-Fluorobiphenyl
 Concen: 3.52 ng
 RT: 13.00 min Scan# 774
 Delta R.T. -0.00 min
 Lab File: BM003314.D
 Acq: 27 Nov 2015 20:57

Tgt Ion:172 Resp: 123297
 Ion Ratio Lower Upper
 172 100
 171 33.1 28.0 42.0
 170 21.1 18.9 28.3





#16

Acenaphthylene

Concen: 0.02 ng

RT: 14.09 min Scan# 849

Delta R.T. -0.00 min

Lab File: BM003314.D

Acq: 27 Nov 2015 20:57

Instrument :

BNA_M

ClientSampleId :

MW-14A-111815

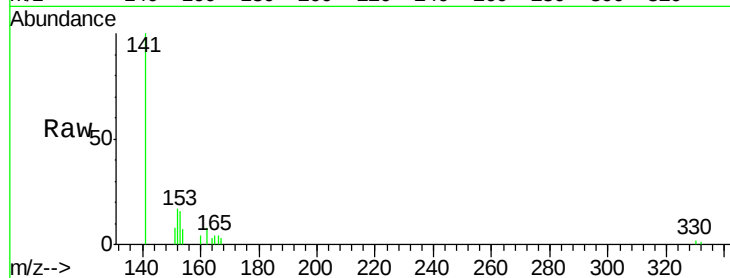
Tgt Ion:152 Resp: 716

Ion Ratio Lower Upper

152 100

151 31.3 15.2 22.8#

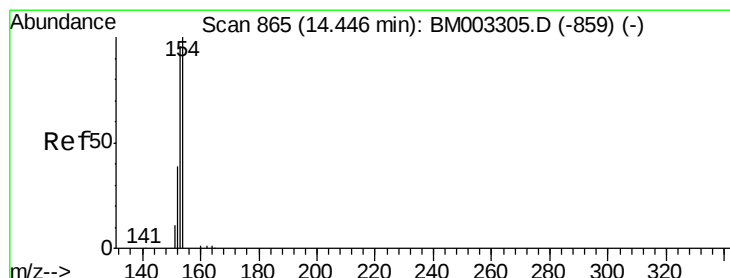
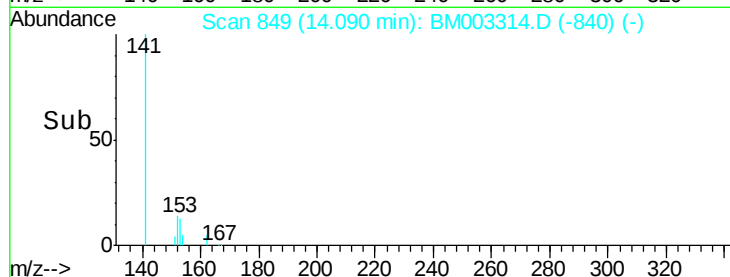
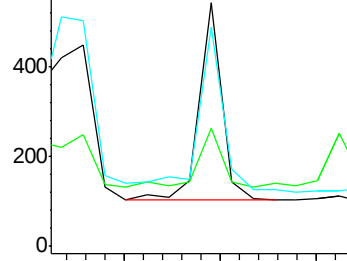
153 91.5 10.4 15.6#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#17

Acenaphthene

Concen: 0.02 ng

RT: 14.38 min Scan# 862

Delta R.T. -0.07 min

Lab File: BM003314.D

Acq: 27 Nov 2015 20:57

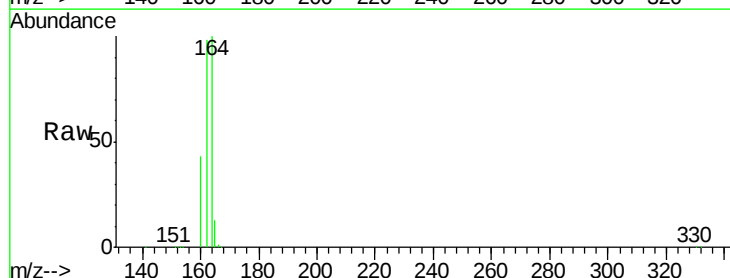
Tgt Ion:154 Resp: 489

Ion Ratio Lower Upper

154 100

153 0.0 0.0 0.0

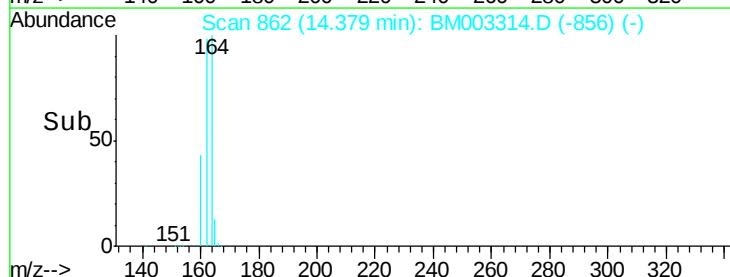
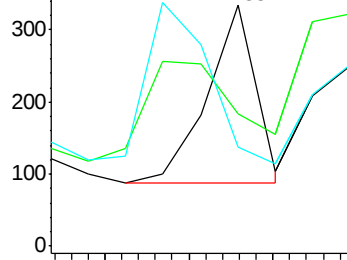
152 0.0 0.0 0.0

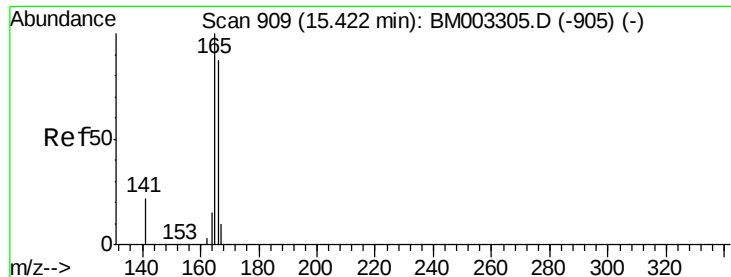


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.07 ng

RT: 15.42 min Scan# 909

Delta R.T. -0.00 min

Lab File: BM003314.D

Acq: 27 Nov 2015 20:57

Instrument :

BNA_M

ClientSampleId :

MW-14A-111815

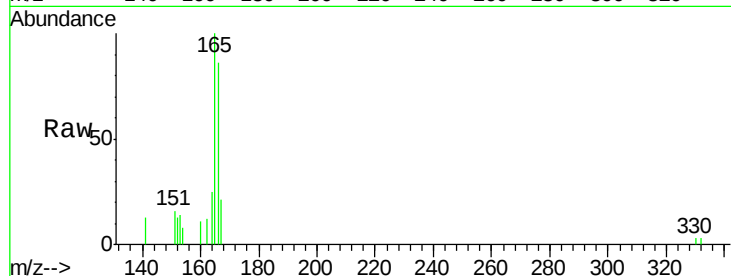
Tgt Ion:166 Resp: 2175

Ion Ratio Lower Upper

166 100

165 96.3 80.8 121.2

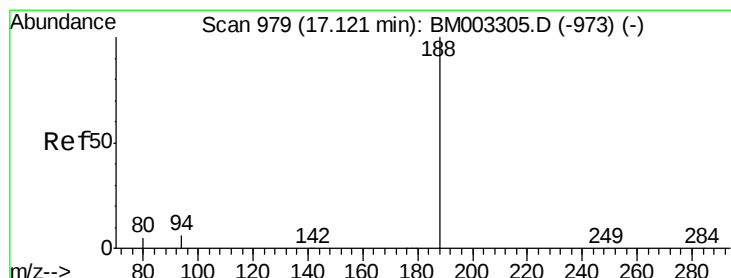
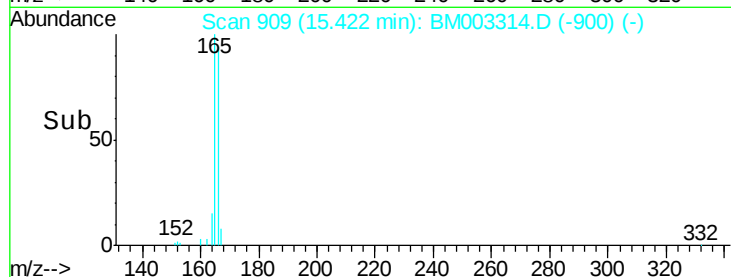
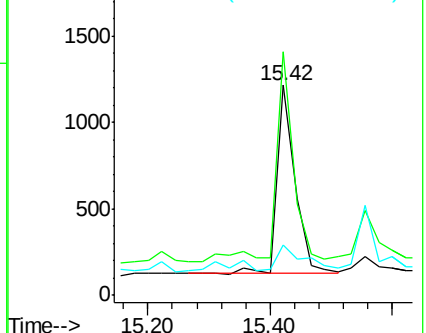
167 19.7 10.5 15.7#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.12 min Scan# 979

Delta R.T. -0.00 min

Lab File: BM003314.D

Acq: 27 Nov 2015 20:57

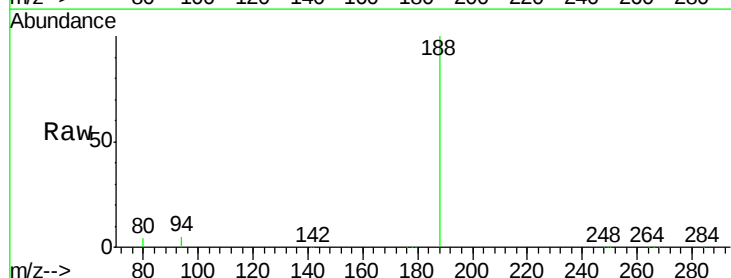
Tgt Ion:188 Resp: 252794

Ion Ratio Lower Upper

188 100

94 5.1 1.8 2.6#

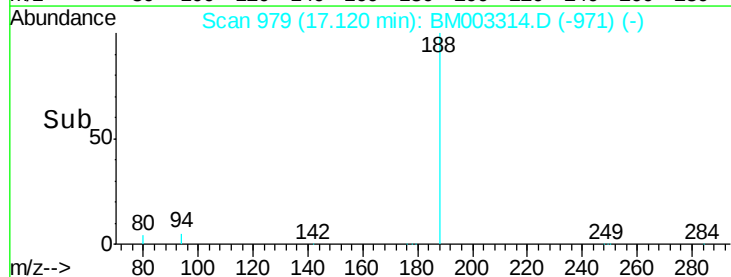
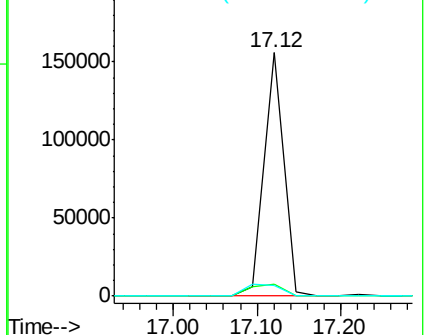
80 4.2 1.4 2.0#

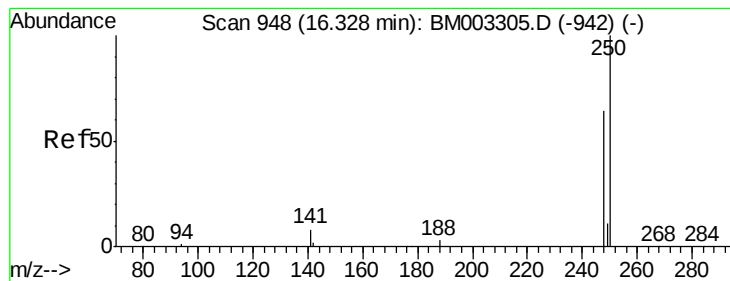


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#20

4-Bromophenyl-phenylether

Concen: 0.21 ng

RT: 16.30 min Scan# 947

Delta R.T. -0.03 min

Lab File: BM003314.D

Acq: 27 Nov 2015 20:57

Instrument :

BNA_M

ClientSampleId :

MW-14A-111815

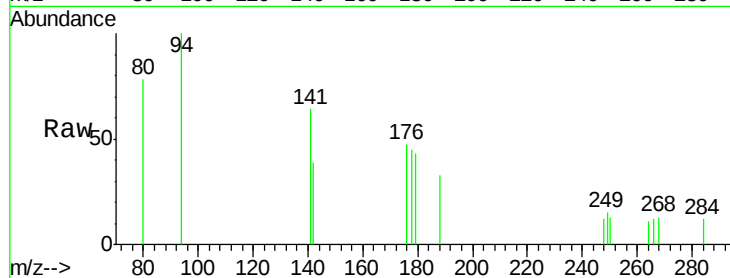
Tgt Ion:248 Resp: 14

Ion Ratio Lower Upper

248 100

250 0.0 65.4 98.0#

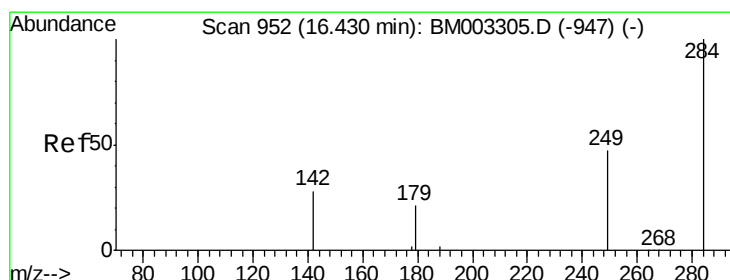
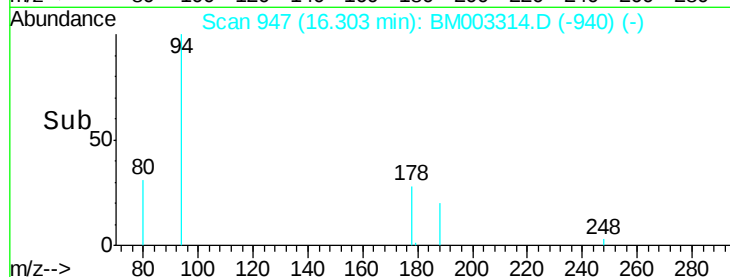
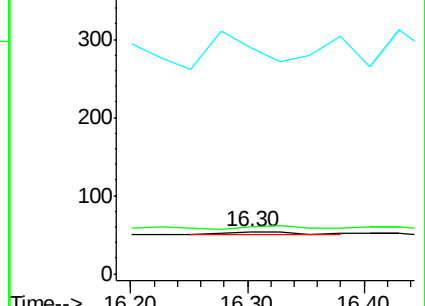
141 0.0 72.8 109.2#



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: 0.00 ng

RT: 16.43 min Scan# 952

Delta R.T. -0.00 min

Lab File: BM003314.D

Acq: 27 Nov 2015 20:57

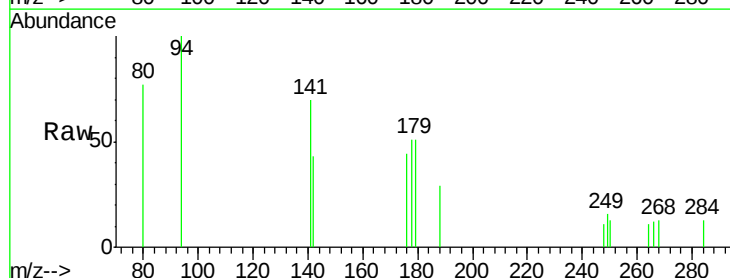
Tgt Ion:284 Resp: 14

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

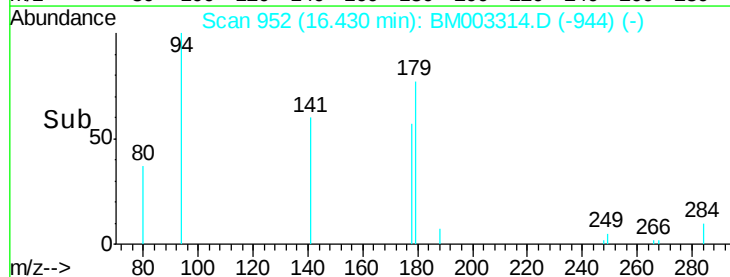
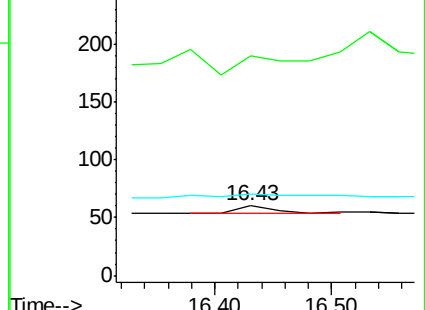
249 364.3 19.4 29.2#

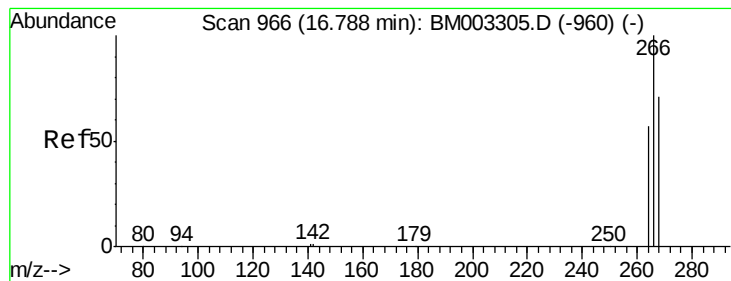


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#22

Pentachlorophenol

Concen: 0.37 ng

RT: 16.79 min Scan# 966

Delta R.T. 0.00 min

Lab File: BM003314.D

Acq: 27 Nov 2015 20:57

Instrument :

BNA_M

ClientSampleId :

MW-14A-111815

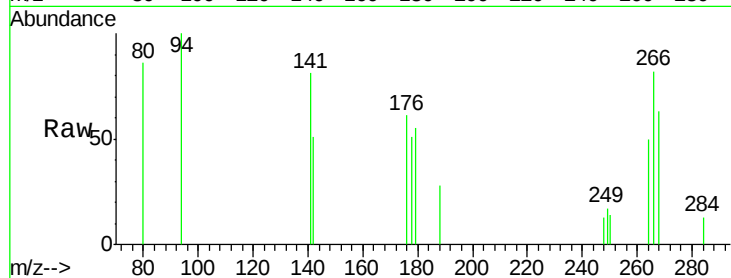
Tgt Ion:266 Resp: 797

Ion Ratio Lower Upper

266 100

268 77.2 45.8 68.8#

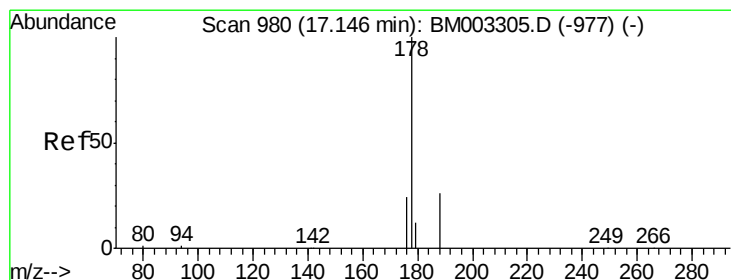
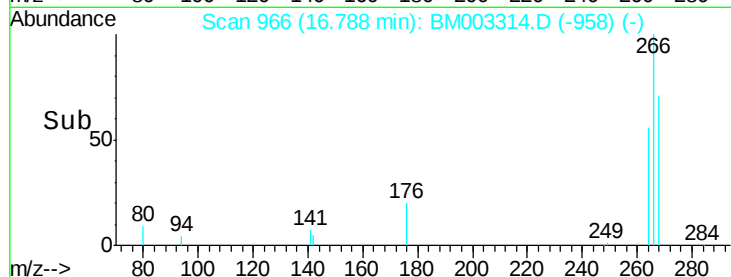
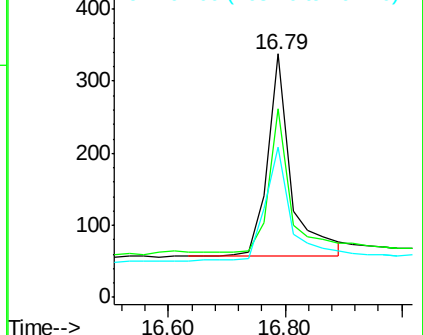
264 61.5 56.7 85.1



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: 0.12 ng

RT: 17.15 min Scan# 980

Delta R.T. 0.00 min

Lab File: BM003314.D

Acq: 27 Nov 2015 20:57

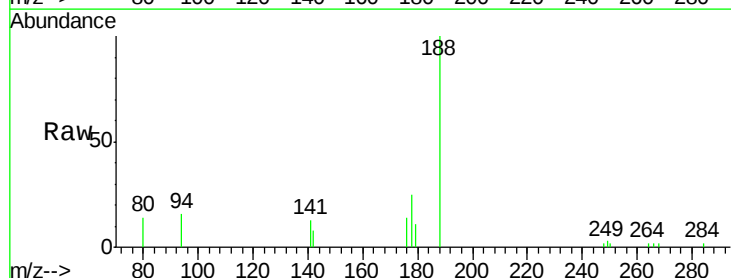
Tgt Ion:178 Resp: 1523

Ion Ratio Lower Upper

178 100

176 54.8 15.9 23.9#

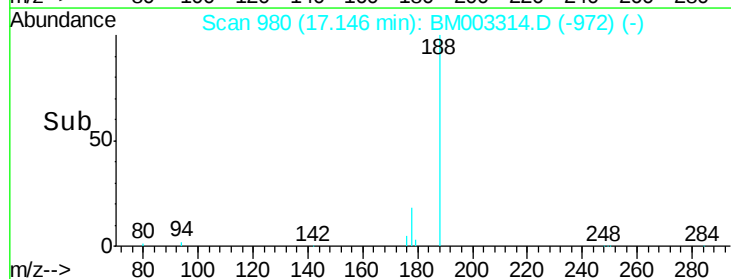
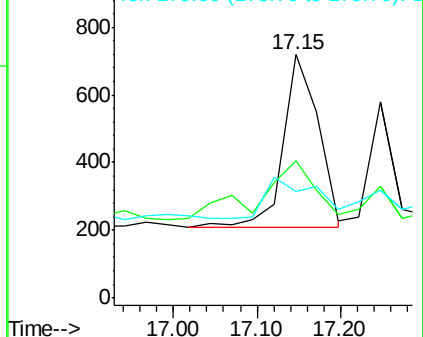
179 0.0 11.7 17.5#

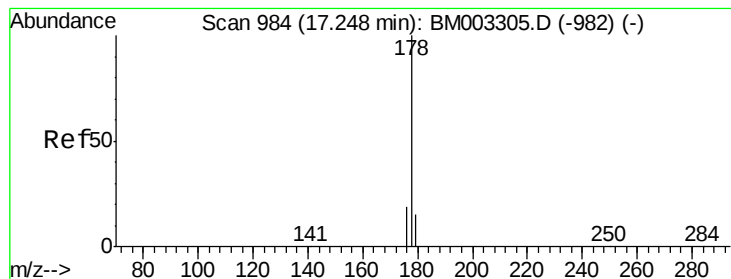


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.02 ng

RT: 17.25 min Scan# 984

Delta R.T. -0.00 min

Lab File: BM003314.D

Acq: 27 Nov 2015 20:57

Instrument :

BNA_M

ClientSampleId :

MW-14A-111815

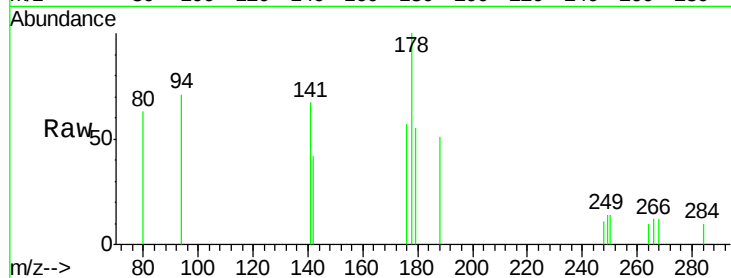
Tgt Ion:178 Resp: 716

Ion Ratio Lower Upper

178 100

176 13.7 14.1 21.1#

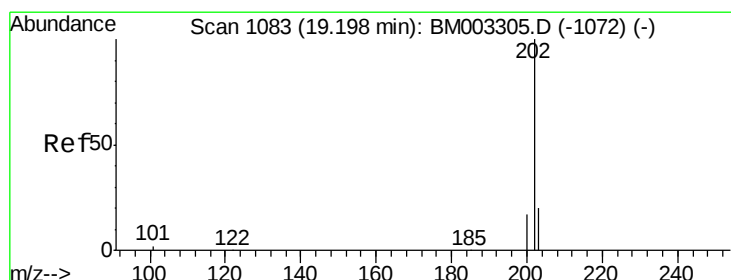
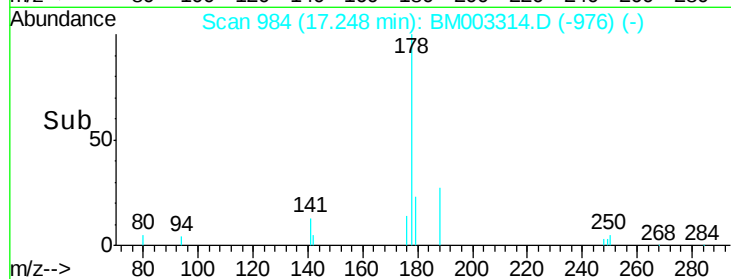
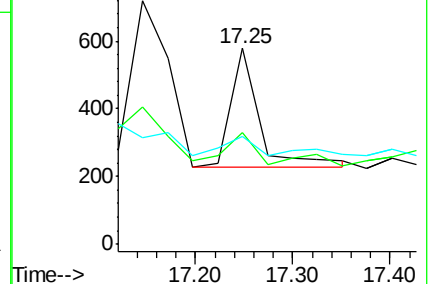
179 0.0 12.8 19.2#



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: 0.00 ng

RT: 19.18 min Scan# 1082

Delta R.T. -0.02 min

Lab File: BM003314.D

Acq: 27 Nov 2015 20:57

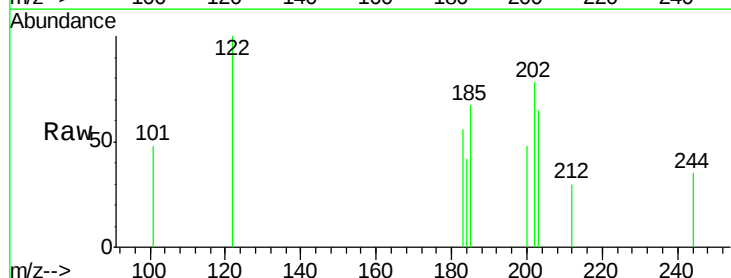
Tgt Ion:202 Resp: 265

Ion Ratio Lower Upper

202 100

101 52.8 9.9 14.9#

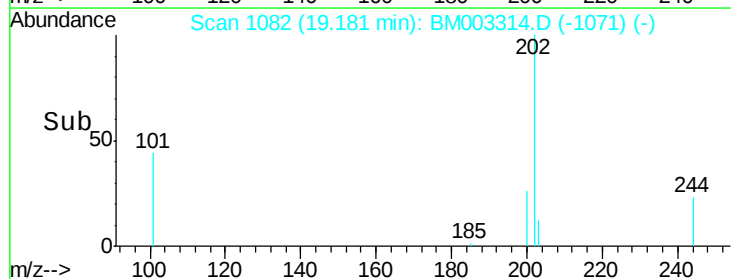
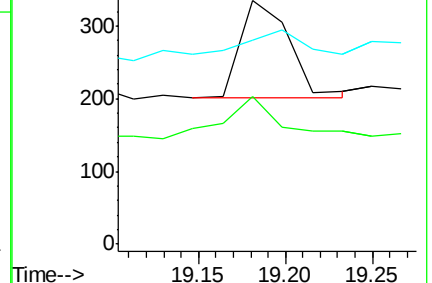
203 52.5 13.9 20.9#

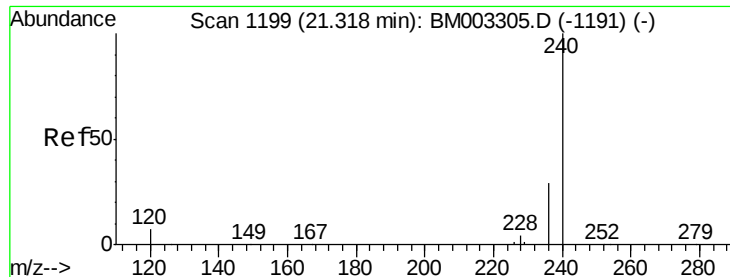


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

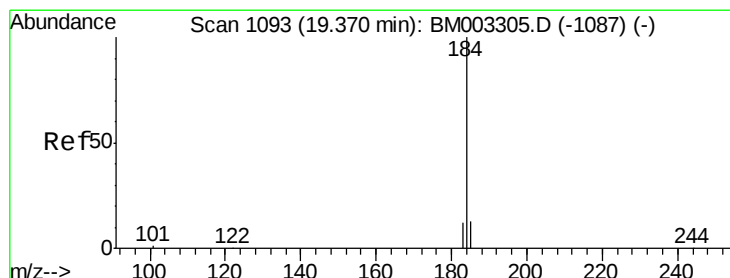
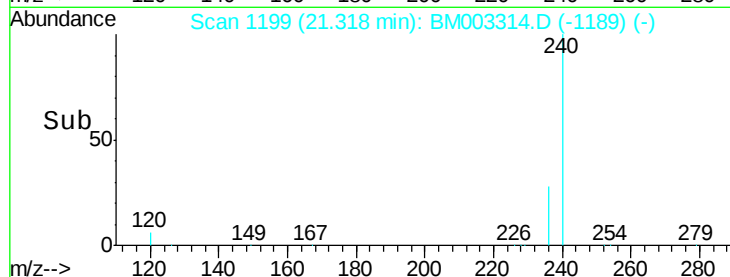
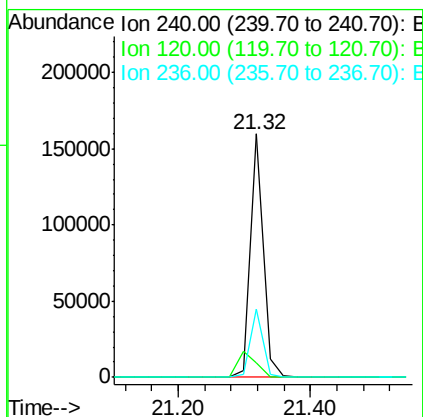
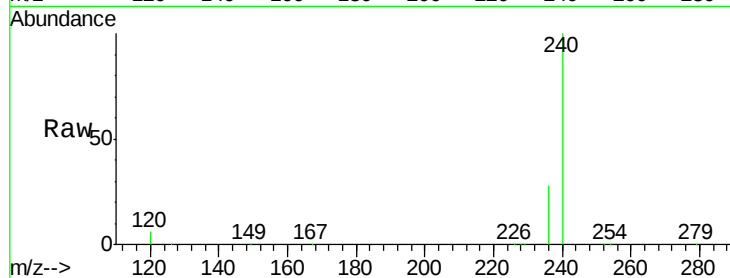




#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.32 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BM003314.D
Acq: 27 Nov 2015 20:57

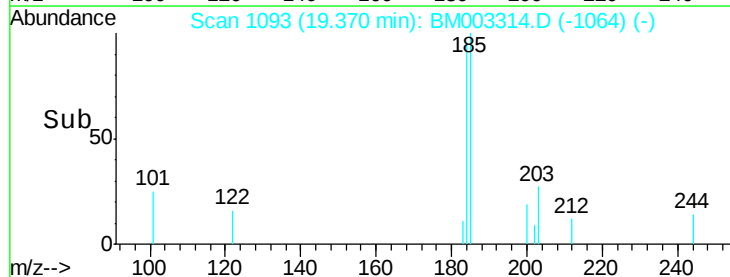
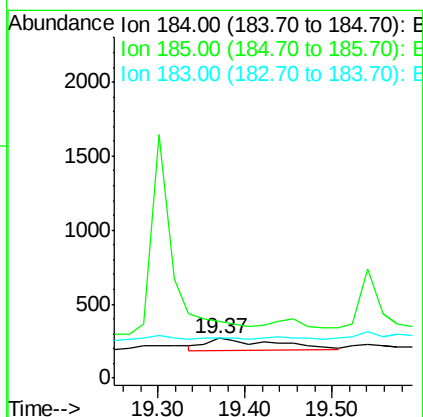
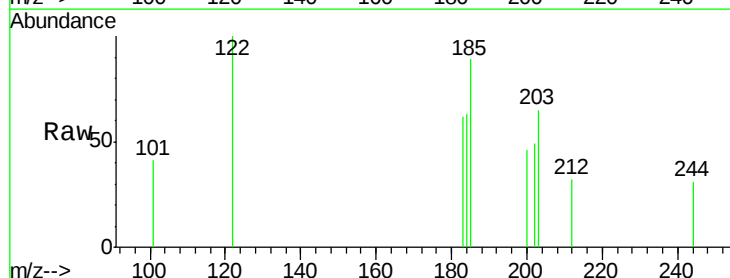
Instrument :
BNA_M
ClientSampleId :
MW-14A-111815

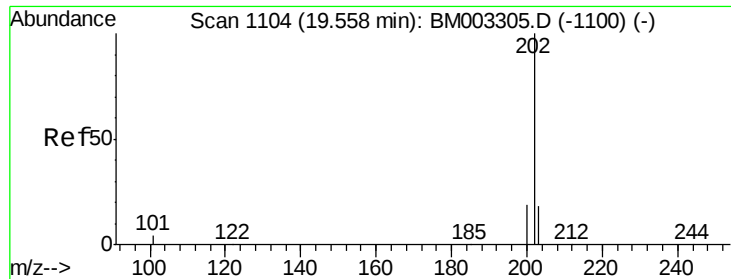
Tgt Ion:240 Resp: 218403
Ion Ratio Lower Upper
240 100
120 5.9 1.0 1.4#
236 28.1 17.9 26.9#



#27
Benzidine
Concen: 0.16 ng
RT: 19.37 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BM003314.D
Acq: 27 Nov 2015 20:57

Tgt Ion:184 Resp: 449
Ion Ratio Lower Upper
184 100
185 142.2 11.6 17.4#
183 99.6 8.6 13.0#

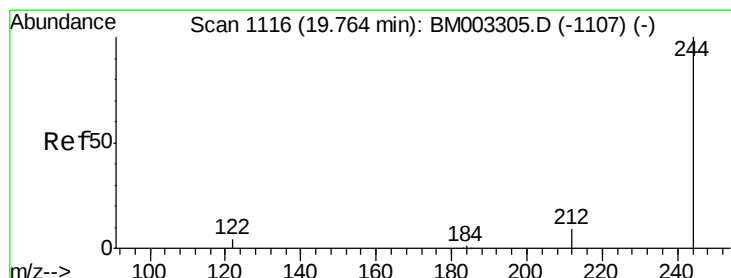
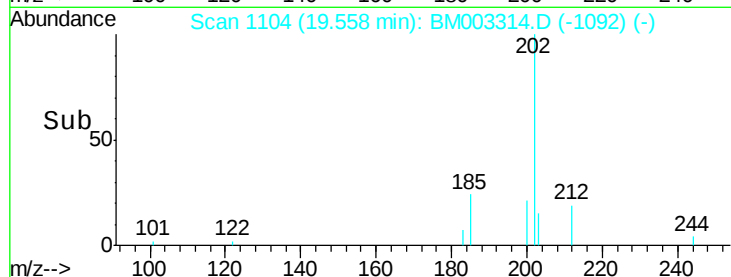
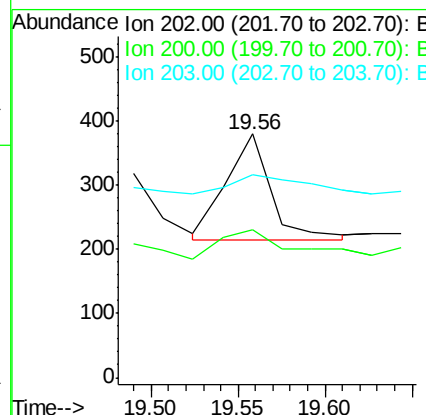
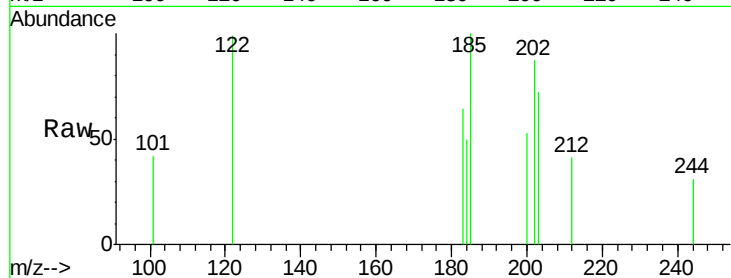




#28
 Pyrene
 Concen: 0.00 ng
 RT: 19.56 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BM003314.D
 Acq: 27 Nov 2015 20:57

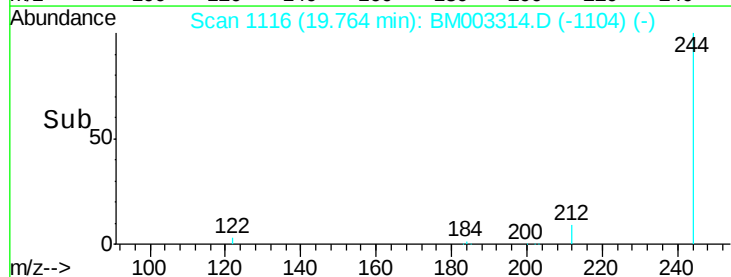
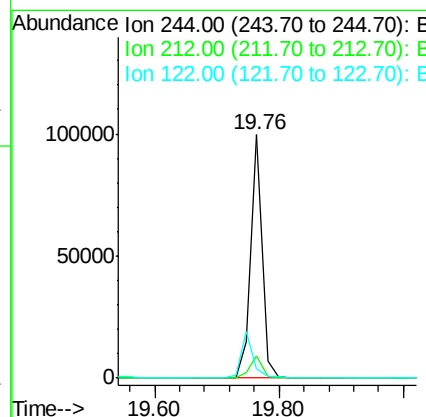
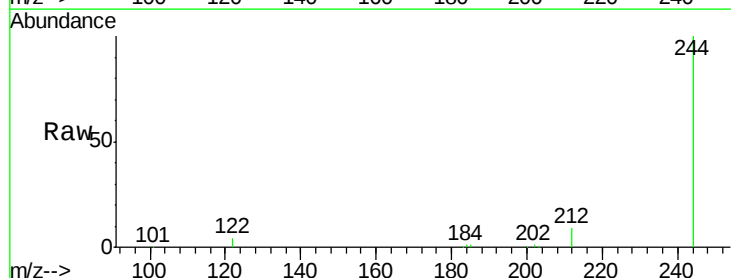
Instrument :
 BNA_M
 ClientSampleId :
 MW-14A-111815

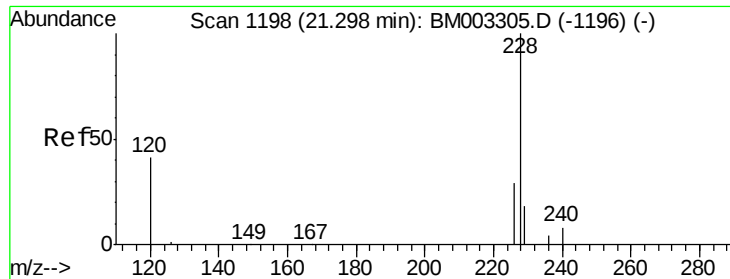
Tgt Ion: 202 Resp: 299
 Ion Ratio Lower Upper
 202 100
 200 44.8 16.7 25.1#
 203 30.4 13.8 20.6#



#29
 Terphenyl-d14
 Concen: 4.13 ng
 RT: 19.76 min Scan# 1116
 Delta R.T. -0.00 min
 Lab File: BM003314.D
 Acq: 27 Nov 2015 20:57

Tgt Ion: 244 Resp: 125816
 Ion Ratio Lower Upper
 244 100
 212 9.2 6.5 9.7
 122 3.9 2.0 3.0#





#30

Benzo(a)anthracene

Concen: 0.03 ng

RT: 21.32 min Scan# 1199

Delta R.T. 0.02 min

Lab File: BM003314.D

Acq: 27 Nov 2015 20:57

Instrument :

BNA_M

ClientSampleId :

MW-14A-111815

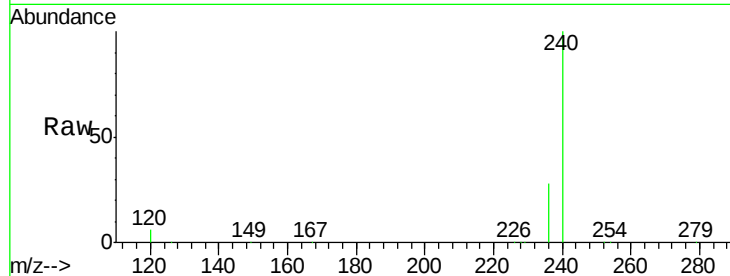
Tgt Ion:228 Resp: 1450

Ion Ratio Lower Upper

228 100

226 29.7 17.8 26.6#

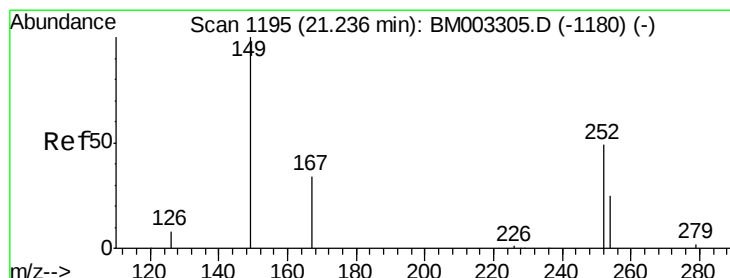
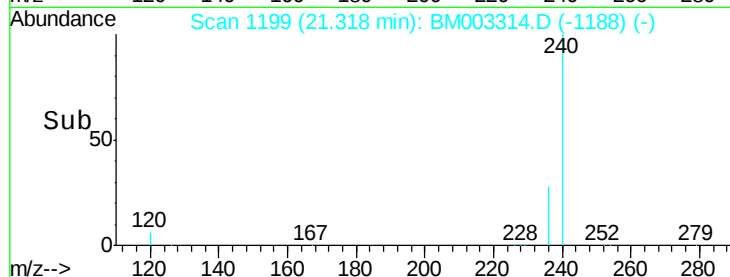
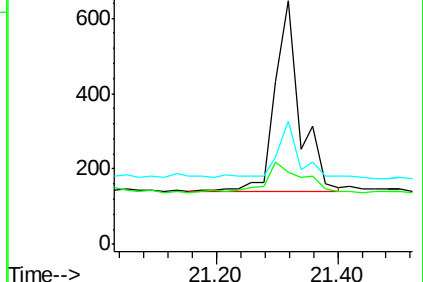
229 50.8 18.0 27.0#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#31

3,3'-Dichlorobenzidine

Concen: 0.17 ng

RT: 21.26 min Scan# 1196

Delta R.T. 0.02 min

Lab File: BM003314.D

Acq: 27 Nov 2015 20:57

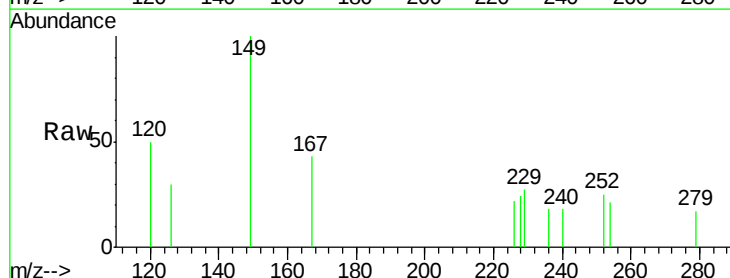
Tgt Ion:252 Resp: 108

Ion Ratio Lower Upper

252 100

254 82.4 53.7 80.5#

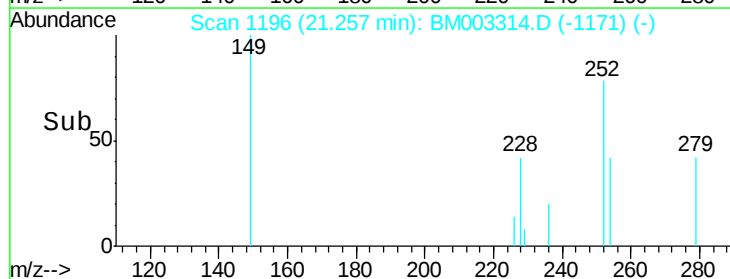
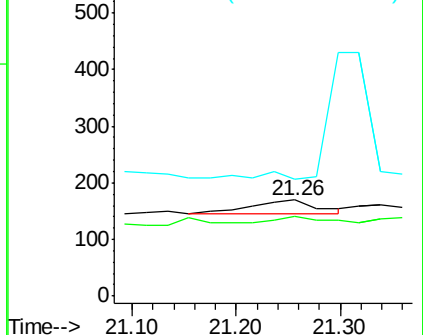
126 121.8 2.8 4.2#

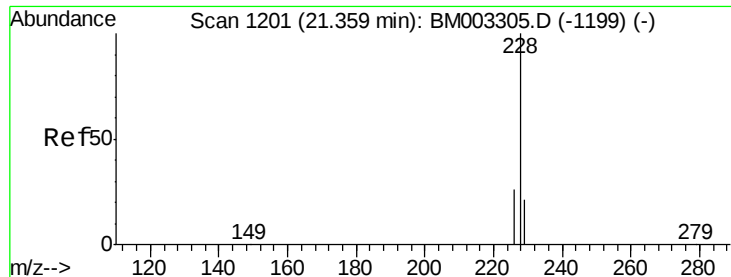


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#32

Chrysene

Concen: 0.03 ng

RT: 21.32 min Scan# 1199

Delta R.T. -0.04 min

Lab File: BM003314.D

Acq: 27 Nov 2015 20:57

Instrument :

BNA_M

ClientSampleId :

MW-14A-111815

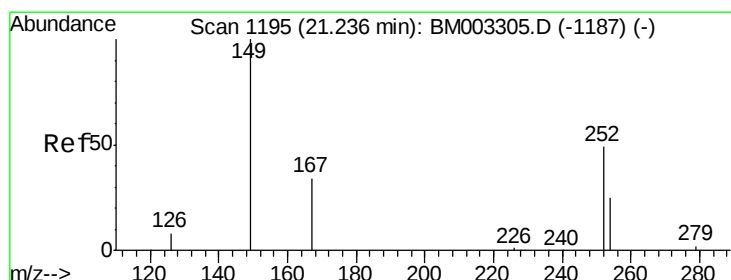
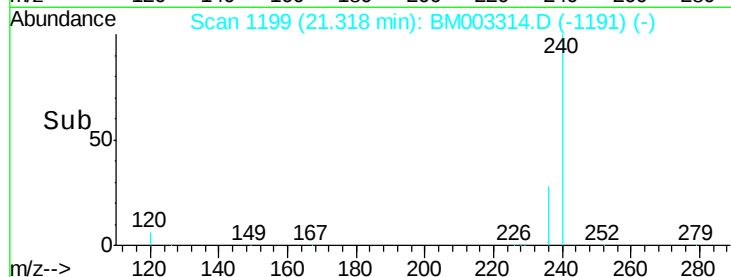
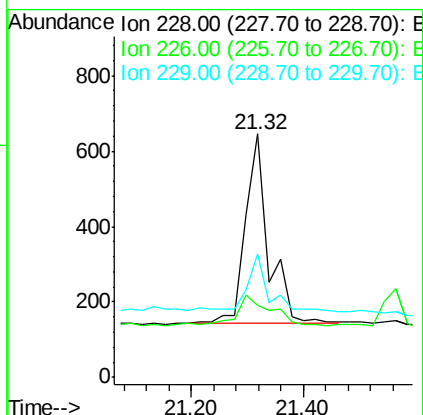
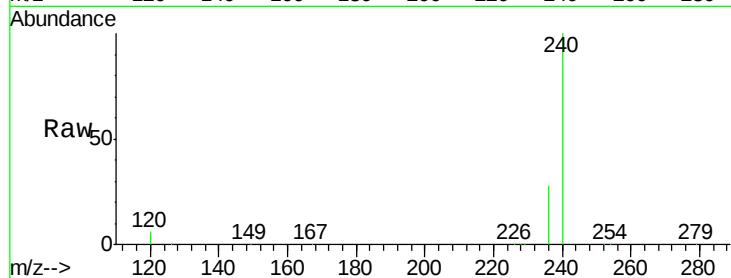
Tgt Ion:228 Resp: 1425

Ion Ratio Lower Upper

228 100

226 29.7 25.5 38.3

229 50.8 14.3 21.5#



#33

Bis(2-ethylhexyl)phthalate

Concen: 0.15 ng

RT: 21.24 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BM003314.D

Acq: 27 Nov 2015 20:57

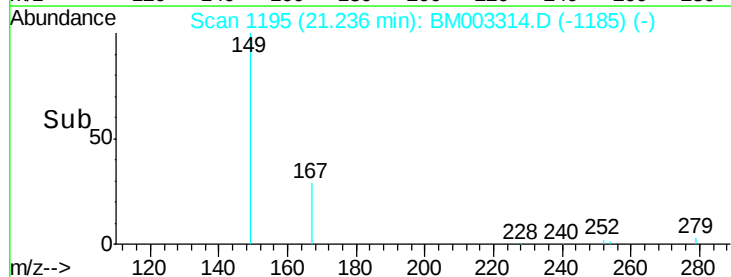
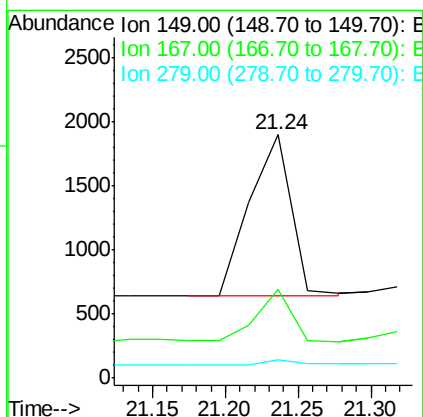
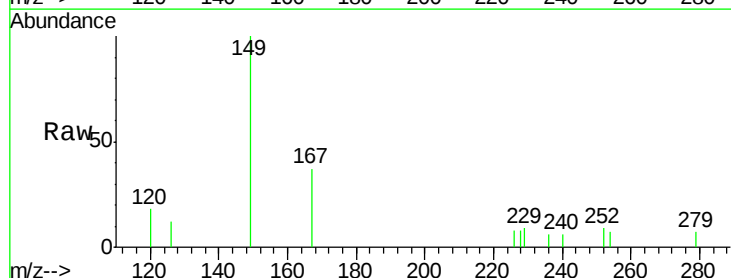
Tgt Ion:149 Resp: 2543

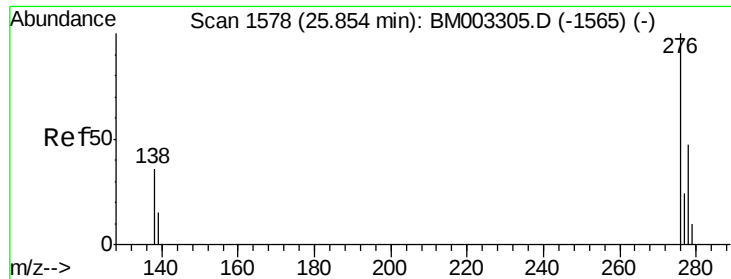
Ion Ratio Lower Upper

149 100

167 27.3 19.6 29.4

279 4.9 0.0 0.0#





#34

Indeno(1,2,3-cd)pyrene

Concen: 0.05 ng

RT: 25.85 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BM003314.D

Acq: 27 Nov 2015 20:57

Instrument :

BNA_M

ClientSampleId :

MW-14A-111815

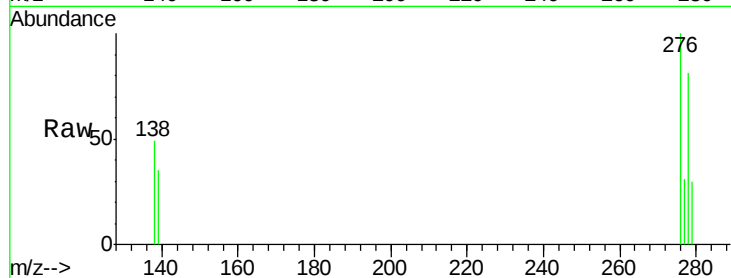
Tgt Ion:276 Resp: 2781

Ion Ratio Lower Upper

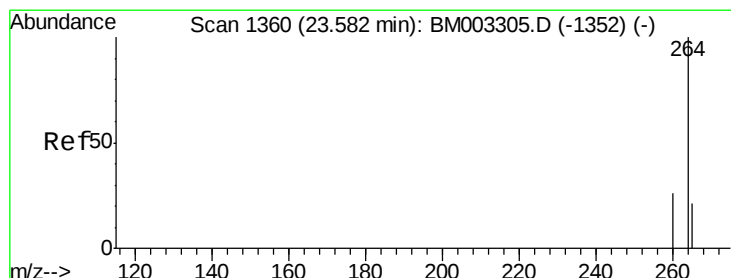
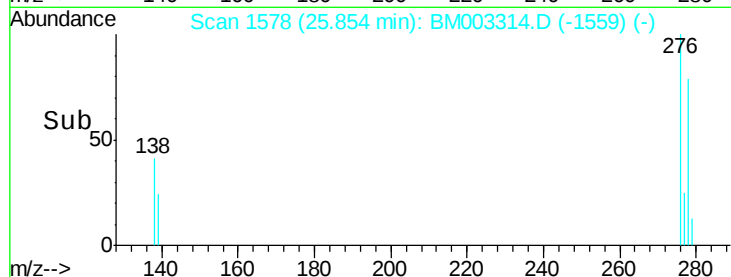
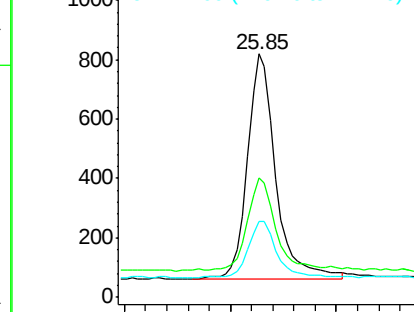
276 100

138 40.6 19.1 28.7#

277 25.5 15.9 23.9#



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

Perylene-d12

Concen: 5.00 ng

RT: 23.58 min Scan# 1360

Delta R.T. -0.00 min

Lab File: BM003314.D

Acq: 27 Nov 2015 20:57

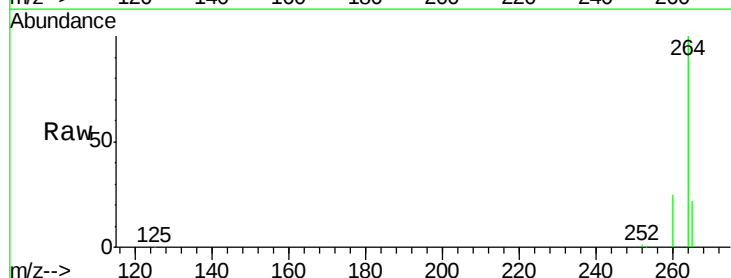
Tgt Ion:264 Resp: 172640

Ion Ratio Lower Upper

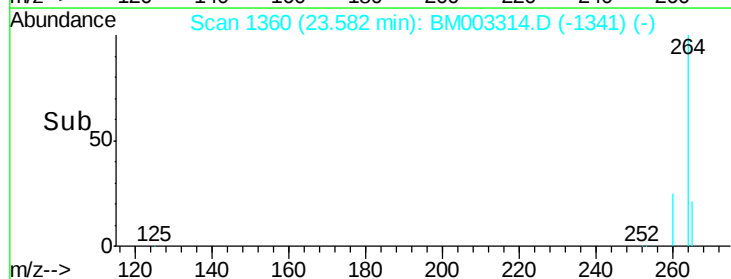
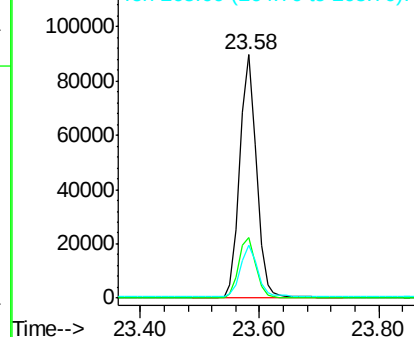
264 100

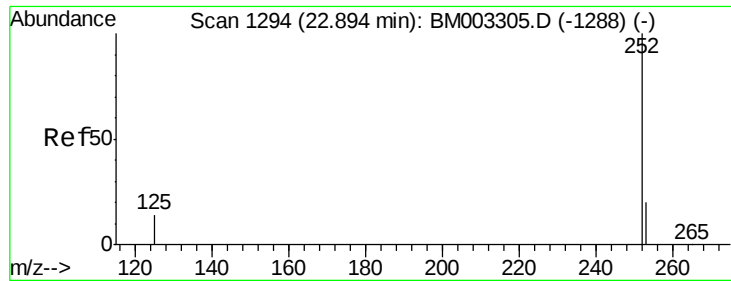
260 25.1 19.6 29.4

265 21.9 18.4 27.6



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

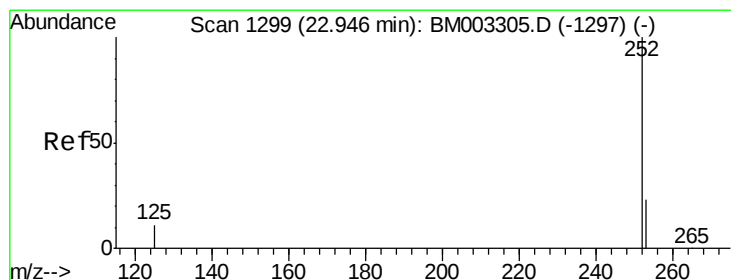
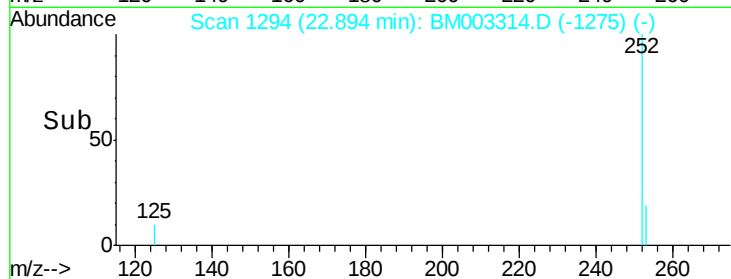
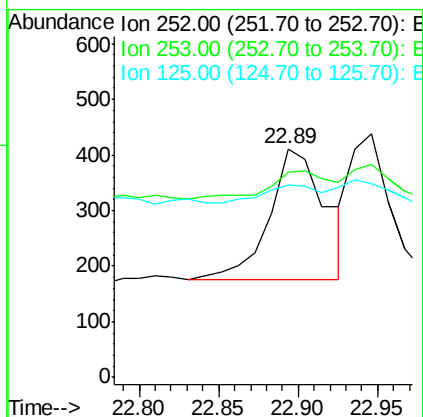
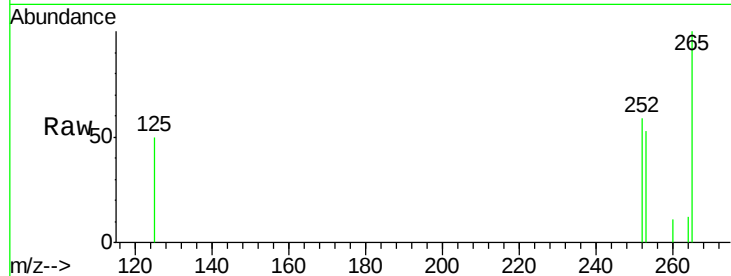




#36
Benzo(b)fluoranthene
Concen: 0.01 ng
RT: 22.89 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BM003314.D
Acq: 27 Nov 2015 20:57

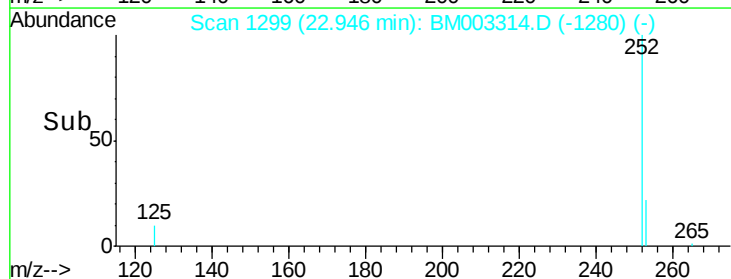
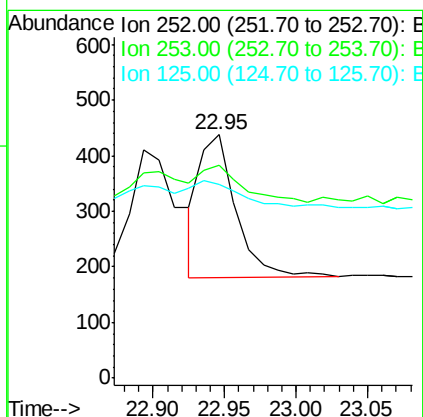
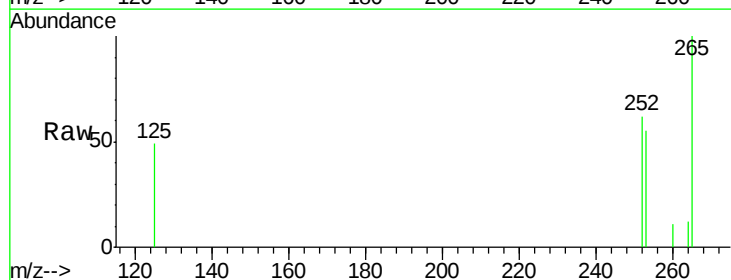
Instrument :
BNA_M
ClientSampleId :
MW-14A-111815

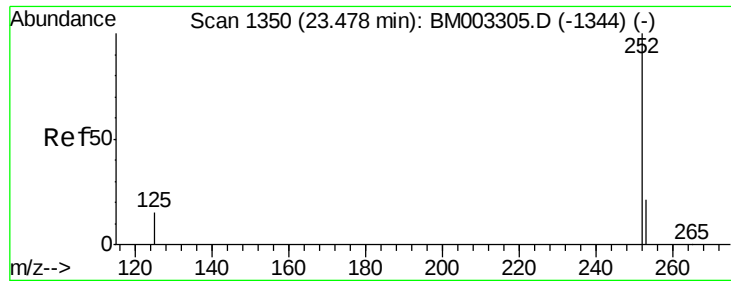
Tgt Ion: 252 Resp: 580
Ion Ratio Lower Upper
252 100
253 90.0 18.2 27.4#
125 84.4 10.3 15.5#



#37
Benzo(k)fluoranthene
Concen: 0.01 ng
RT: 22.95 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BM003314.D
Acq: 27 Nov 2015 20:57

Tgt Ion: 252 Resp: 455
Ion Ratio Lower Upper
252 100
253 87.7 17.5 26.3#
125 79.5 10.7 16.1#





#38

Benzo(a)pyrene

Concen: 0.02 ng

RT: 23.48 min Scan# 1350

Delta R.T. -0.00 min

Lab File: BM003314.D

Acq: 27 Nov 2015 20:57

Instrument :

BNA_M

ClientSampleId :

MW-14A-111815

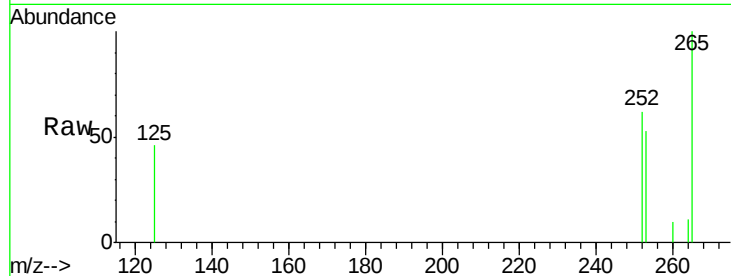
Tgt Ion:252 Resp: 620

Ion Ratio Lower Upper

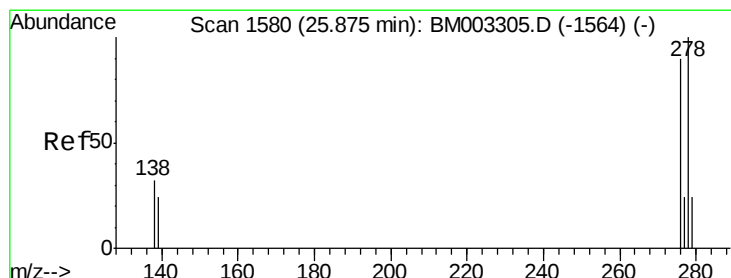
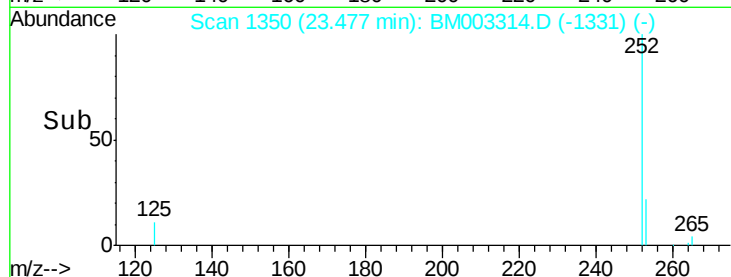
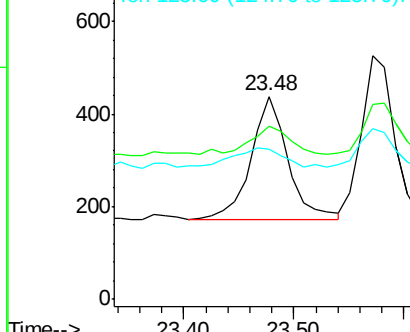
252 100

253 85.2 18.7 28.1#

125 73.7 11.6 17.4#



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: 0.09 ng

RT: 25.88 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BM003314.D

Acq: 27 Nov 2015 20:57

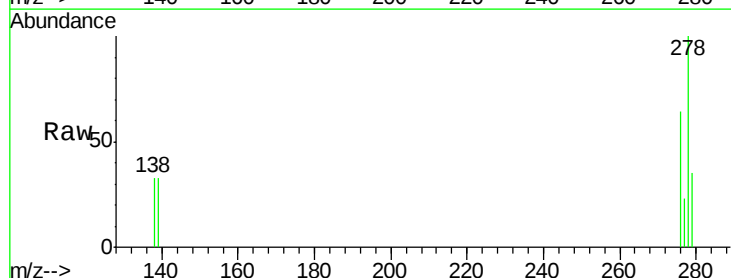
Tgt Ion:278 Resp: 3072

Ion Ratio Lower Upper

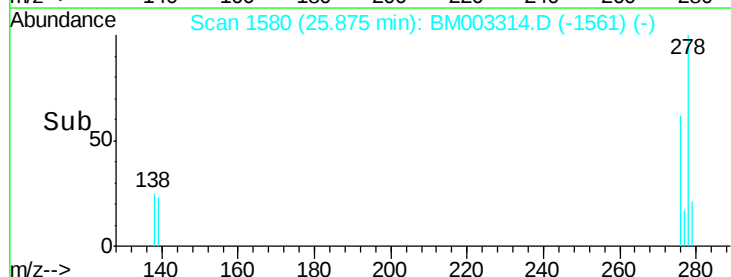
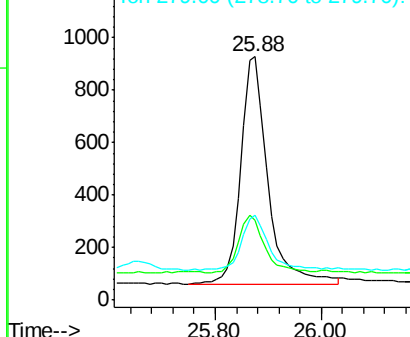
278 100

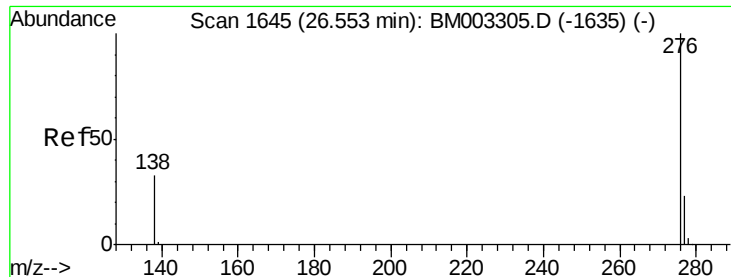
139 32.7 18.2 27.4#

279 34.7 18.8 28.2#



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: 0.04 ng

RT: 26.55 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BM003314.D

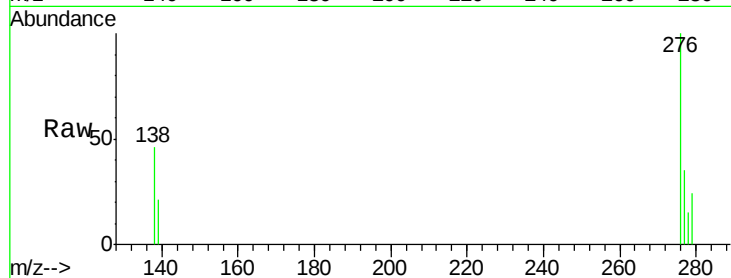
Acq: 27 Nov 2015 20:57

Instrument :

BNA_M

ClientSampleId :

MW-14A-111815



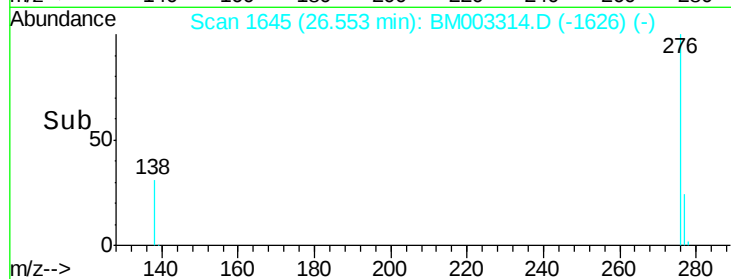
Tgt Ion: 276 Resp: 1542

Ion Ratio Lower Upper

276 100

277 34.9 19.0 28.6#

138 45.7 22.3 33.5#



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

