

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122915\
 Data File : BM003828.D
 Acq On : 28 Dec 2015 14:52
 Operator : UM/SJ
 Sample : G4862-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 AST-HC-EAST

Quant Time: Dec 29 01:23:22 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	212896	5.00	ng	0.00
7) Naphthalene-d8	10.46	136	894727	5.00	ng	-0.02
13) Acenaphthene-d10	14.33	164	496420	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	898321	5.00	ng	0.00
26) Chrysene-d12	21.29	240	836536	5.00	ng	0.00
35) Perylene-d12	23.53	264	623464	5.00	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.28	112	2046607	40.68	ng	0.02
5) Phenol-d6	6.87	99	2580084	41.88	ng	0.00
8) Nitrobenzene-d5	8.85	82	1526120	32.19	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	685306	43.23	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	3565830	23.48	ng	0.00
29) Terphenyl-d14	19.72	244	2357431	18.00	ng	0.00

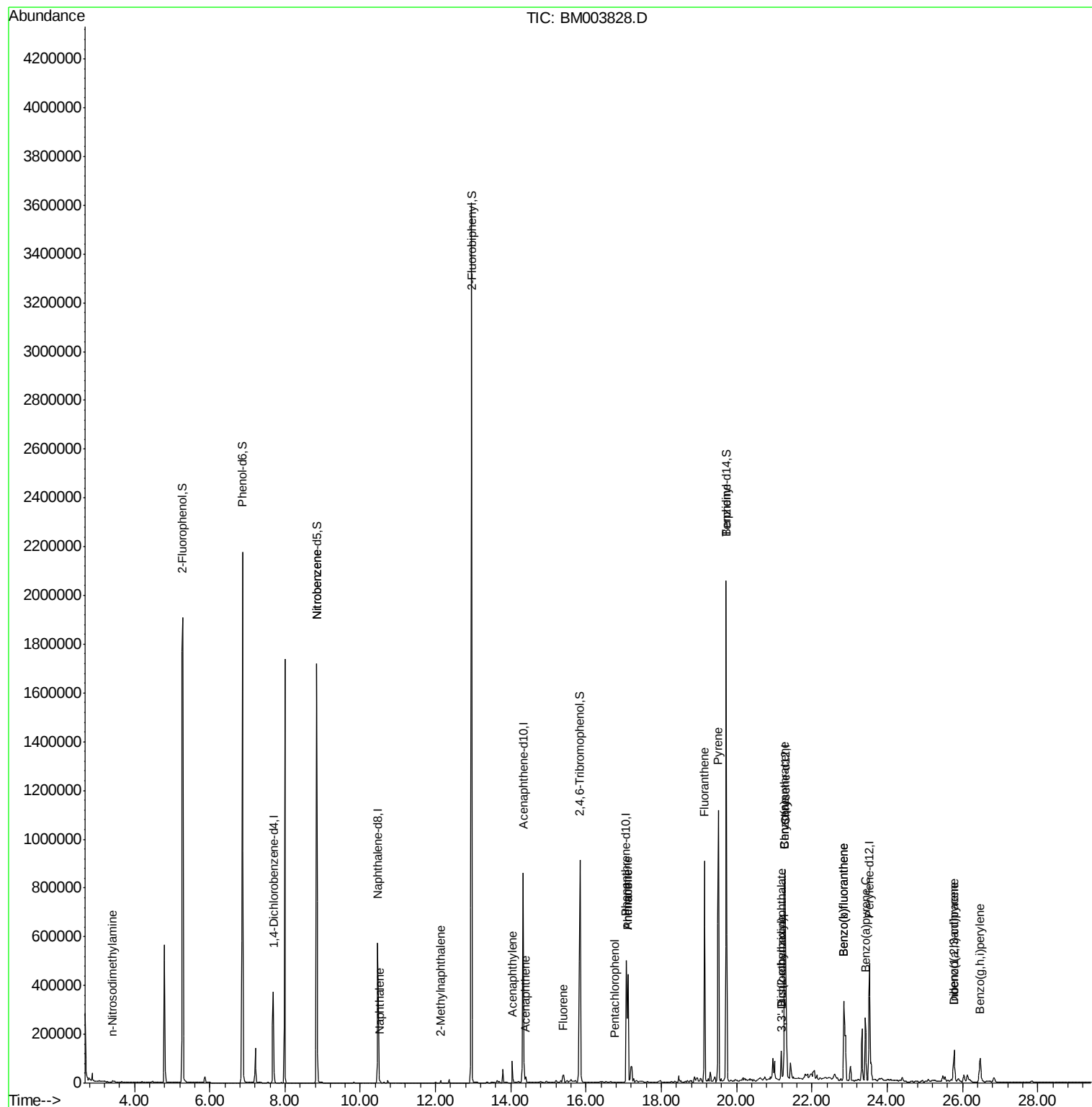
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.41	42	1640	0.07	ng	# 1
9) Nitrobenzene	8.85	77	4769	0.09	ng	# 32
10) Naphthalene	10.51	128	17757	0.09	ng	99
12) 2-Methylnaphthalene	12.14	142	9504	0.07	ng	97
16) Acenaphthylene	14.04	152	114074	0.50	ng	100
17) Acenaphthene	14.39	154	19627	0.16	ng	95
18) Fluorene	15.39	166	43151	0.25	ng	# 86
20) 4-Bromophenyl-phenylether	16.27	248	15	Below Cal		# 9
21) Hexachlorobenzene	16.40	284	138	Below Cal		# 87
22) Pentachlorophenol	16.76	266	190	0.39	ng	# 79
23) Phenanthrene	17.11	178	529726	2.35	ng	99
24) Anthracene	17.11	178	527840	2.41	ng	99
25) Fluoranthene	19.14	202	1097320	3.83	ng	99
27) Benzidine	19.72	184	70744	1.28	ng	# 91
28) Pyrene	19.52	202	1245029	4.49	ng	# 94
30) Benzo(a)anthracene	21.27	228	1080232	4.31	ng	# 93
31) 3,3'-Dichlorobenzidine	21.21	252	411	0.25	ng	# 49
32) Chrysene	21.27	228	1073810	4.71	ng	# 92
33) Bis(2-ethylhexyl)phthalate	21.19	149	122866	0.84	ng	# 99
34) Indeno(1,2,3-cd)pyrene	25.78	276	190188	1.08	ng	95
36) Benzo(b)fluoranthene	22.85	252	729905	3.58	ng	# 96
37) Benzo(k)fluoranthene	22.85	252	729905	3.89	ng	# 97
38) Benzo(a)pyrene	23.42	252	355401	2.04	ng	98
39) Dibenzo(a,h)anthracene	25.78	278	51427	0.38	ng	# 83
40) Benzo(g,h,i)perylene	26.47	276	193259	1.35	ng	97

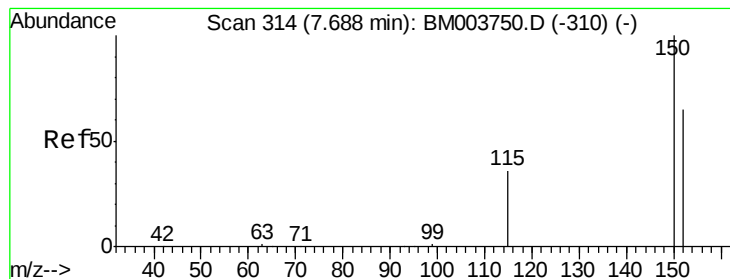
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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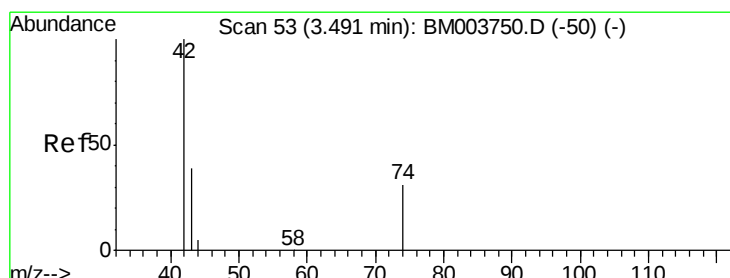
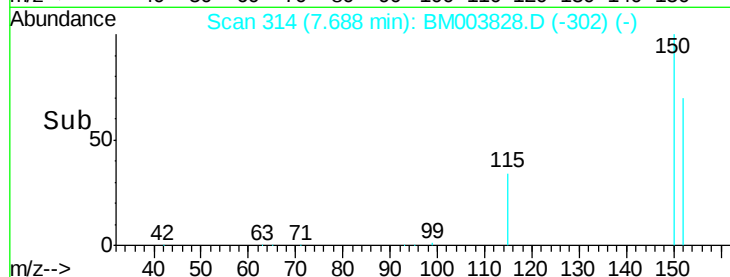
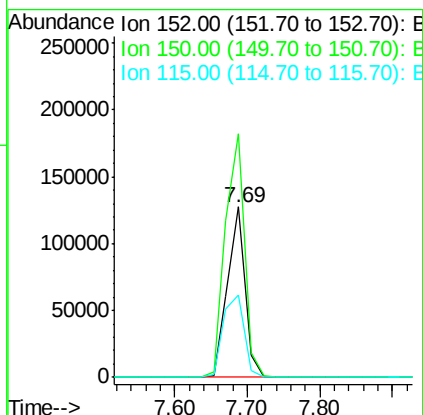
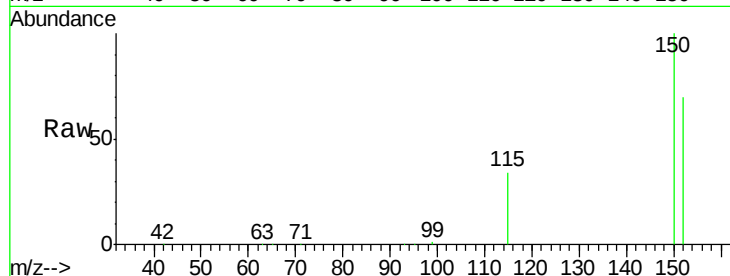


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.69 min Scan# 314
Delta R.T. 0.00 min
Lab File: BM003828.D
Acq: 28 Dec 2015 14:52

Instrument :
BNA_M
ClientSampleId :
AST-HC-EAST

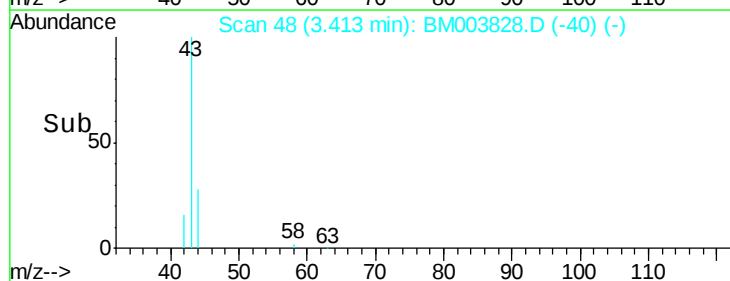
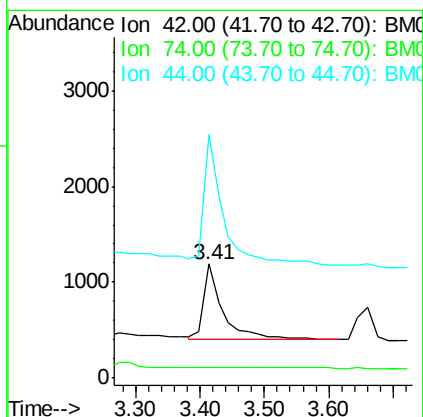
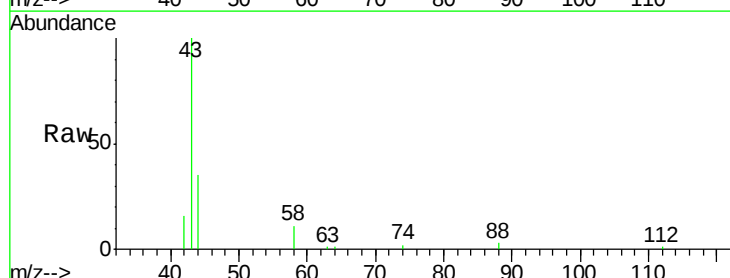
Tgt Ion: 152 Resp: 212896
Ion Ratio Lower Upper
152 100
150 143.2 122.9 184.3
115 48.4 44.4 66.6

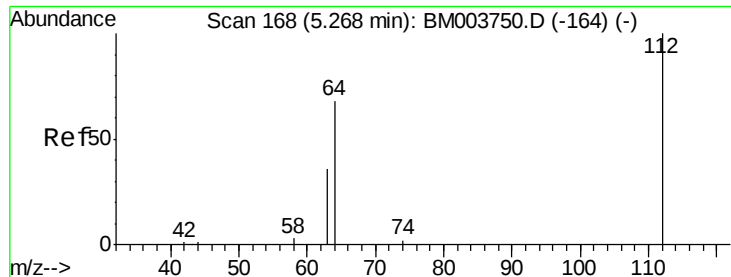


#3

n-Nitrosodimethylamine
Concen: 0.07 ng
RT: 3.41 min Scan# 48
Delta R.T. -0.08 min
Lab File: BM003828.D
Acq: 28 Dec 2015 14:52

Tgt Ion: 42 Resp: 1640
Ion Ratio Lower Upper
42 100
74 3.2 95.0 142.4#
44 173.4 5.1 7.7#





#4

2-Fluorophenol

Concen: 40.68 ng

RT: 5.28 min Scan# 169

Delta R.T. 0.02 min

Lab File: BM003828.D

Acq: 28 Dec 2015 14:52

Instrument :

BNA_M

ClientSampleId :

AST-HC-EAST

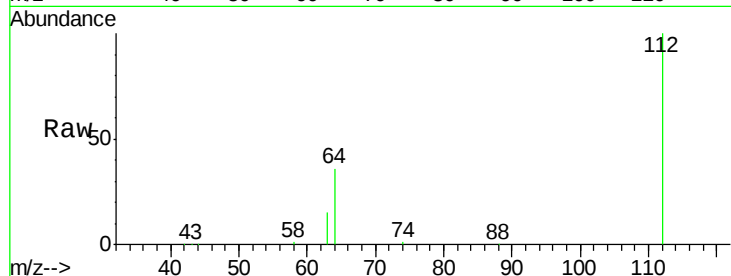
Tgt Ion: 112 Resp: 2046607

Ion Ratio Lower Upper

112 100

64 52.0 41.8 62.8

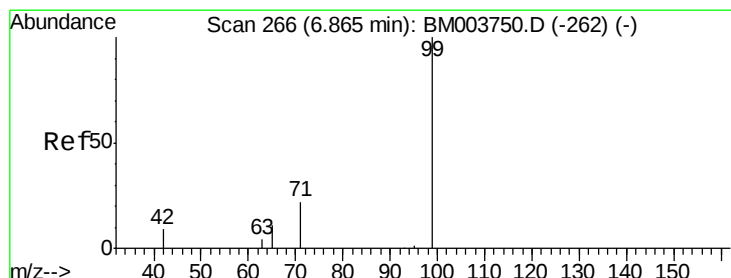
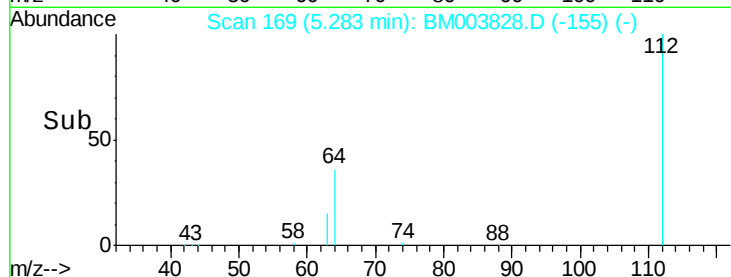
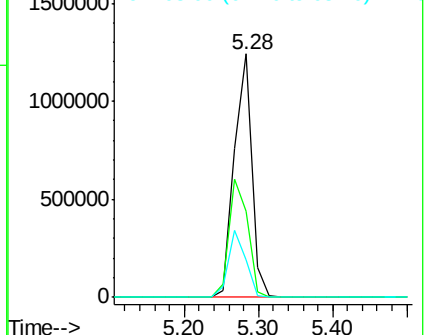
63 27.2 22.1 33.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#5

Phenol-d6

Concen: 41.88 ng

RT: 6.87 min Scan# 266

Delta R.T. 0.00 min

Lab File: BM003828.D

Acq: 28 Dec 2015 14:52

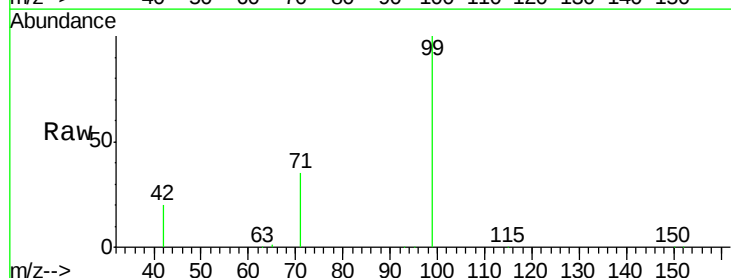
Tgt Ion: 99 Resp: 2580084

Ion Ratio Lower Upper

99 100

42 18.7 16.2 24.2

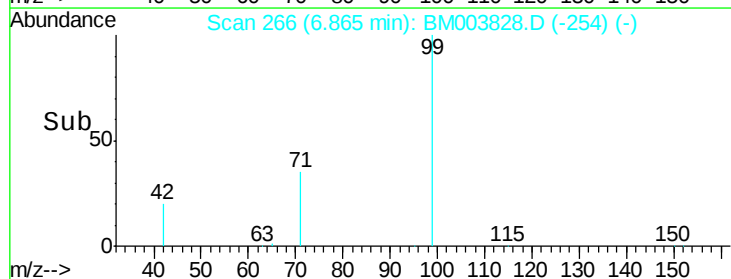
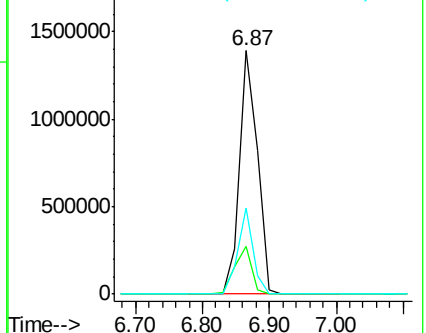
71 30.6 24.4 36.6

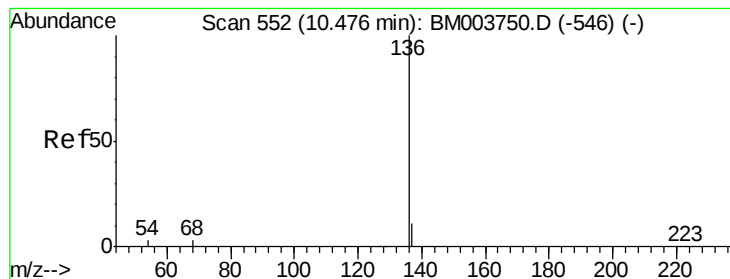


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.46 min Scan# 551

Delta R.T. -0.02 min

Lab File: BM003828.D

Acq: 28 Dec 2015 14:52

Instrument :

BNA_M

ClientSampleId :

AST-HC-EAST

Tgt Ion: 136 Resp: 894727

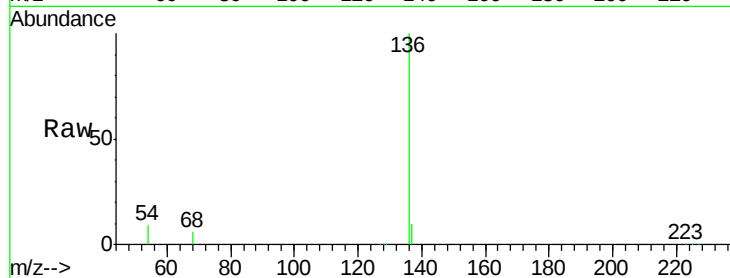
Ion Ratio Lower Upper

136 100

137 10.3 9.2 13.8

54 8.5 2.8 4.2#

68 6.3 2.5 3.7#

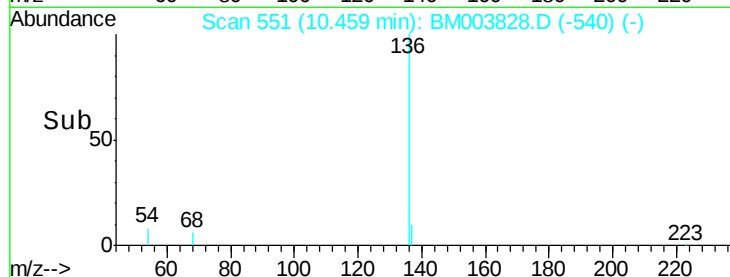


Abundance Ion 136.00 (135.70 to 136.70): E

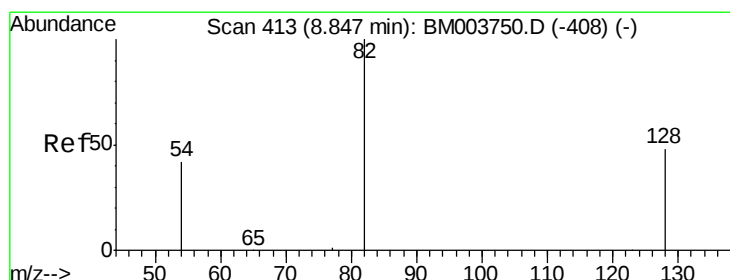
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



Time-->



#8

Nitrobenzene-d5

Concen: 32.19 ng

RT: 8.85 min Scan# 413

Delta R.T. 0.00 min

Lab File: BM003828.D

Acq: 28 Dec 2015 14:52

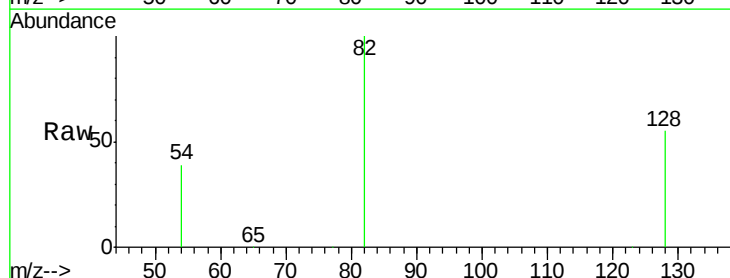
Tgt Ion: 82 Resp: 1526120

Ion Ratio Lower Upper

82 100

128 54.7 39.1 58.7

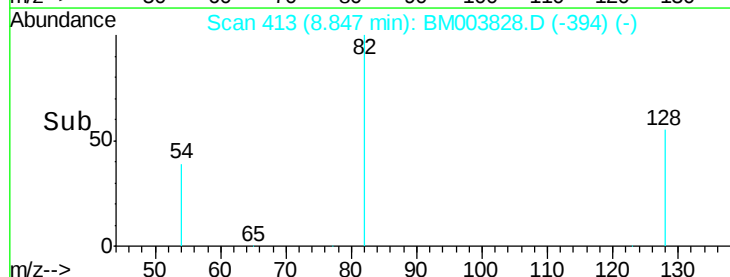
54 39.1 34.8 52.2



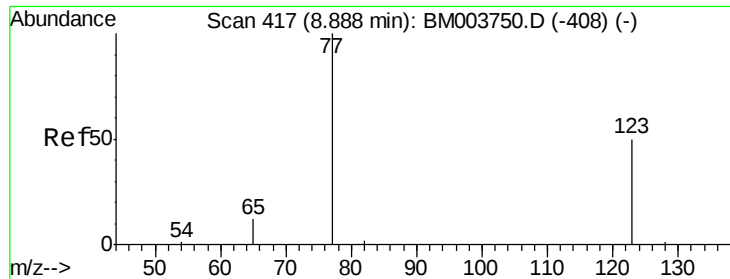
Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM



Time-->



#9

Nitrobenzene

Concen: 0.09 ng

RT: 8.85 min Scan# 413

Delta R.T. -0.04 min

Lab File: BM003828.D

Acq: 28 Dec 2015 14:52

Instrument :

BNA_M

ClientSampleId :

AST-HC-EAST

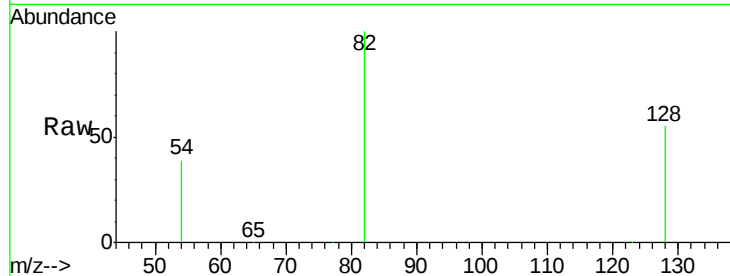
Tgt Ion: 77 Resp: 4769

Ion Ratio Lower Upper

77 100

123 1.0 38.6 57.8#

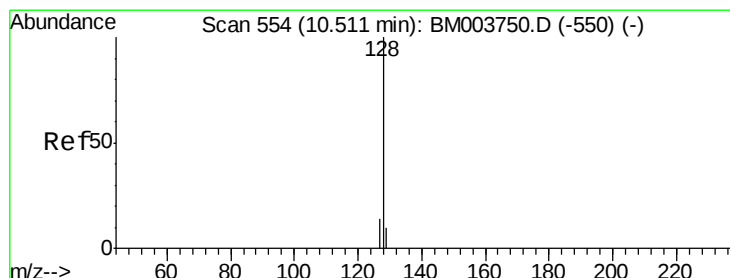
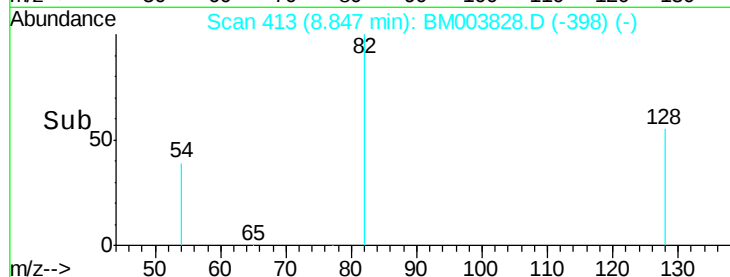
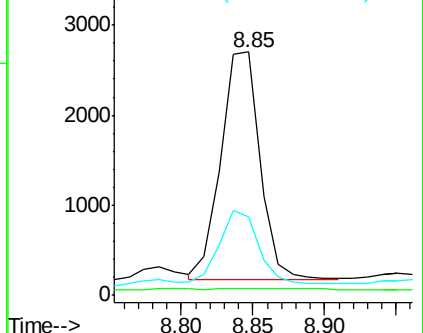
65 36.9 9.9 14.9#



Abundance Ion 77.00 (76.70 to 77.70): BM003750.D (-408) (-)

Ion 123.00 (122.70 to 123.70): BM003750.D (-408) (-)

Ion 65.00 (64.70 to 65.70): BM003750.D (-408) (-)



#10

Naphthalene

Concen: 0.09 ng

RT: 10.51 min Scan# 554

Delta R.T. 0.00 min

Lab File: BM003828.D

Acq: 28 Dec 2015 14:52

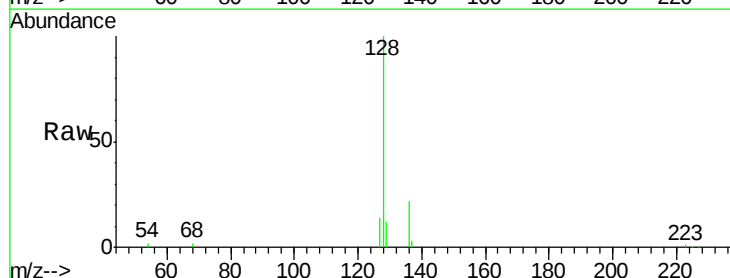
Tgt Ion: 128 Resp: 17757

Ion Ratio Lower Upper

128 100

129 11.7 8.5 12.7

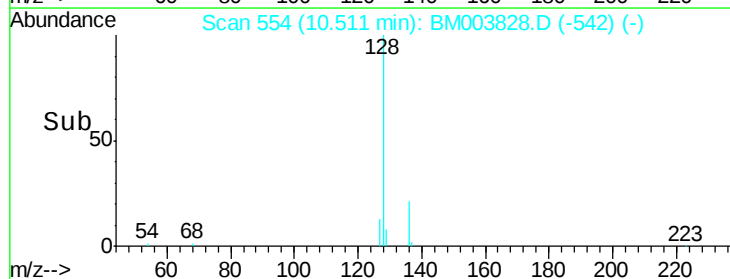
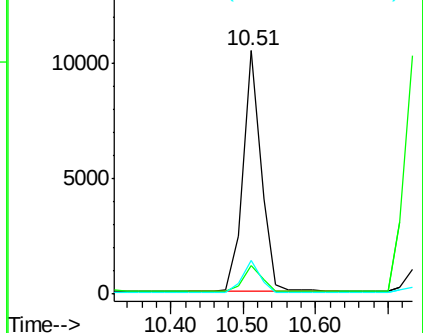
127 13.6 11.0 16.4

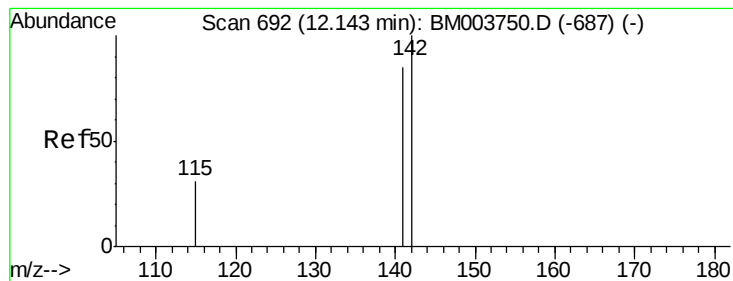


Abundance Ion 128.00 (127.70 to 128.70): BM003750.D (-550) (-)

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

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





#12

2-Methylnaphthalene

Concen: 0.07 ng

RT: 12.14 min Scan# 692

Delta R.T. 0.00 min

Lab File: BM003828.D

Acq: 28 Dec 2015 14:52

Instrument :

BNA_M

ClientSampleId :

AST-HC-EAST

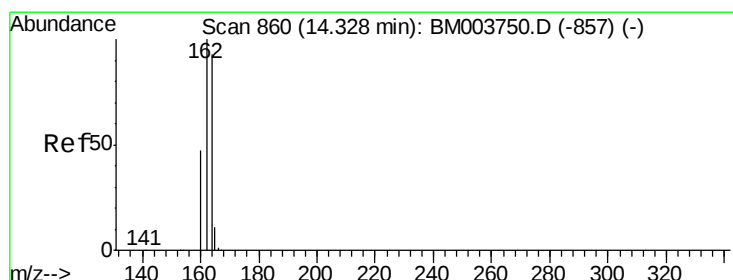
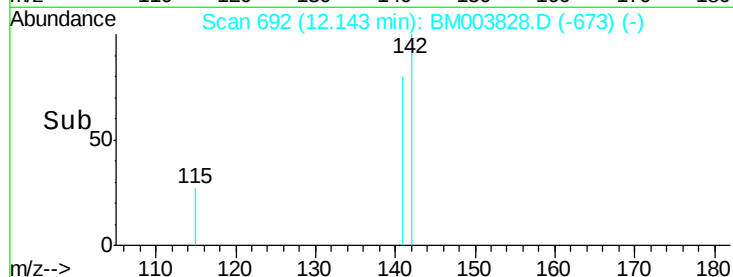
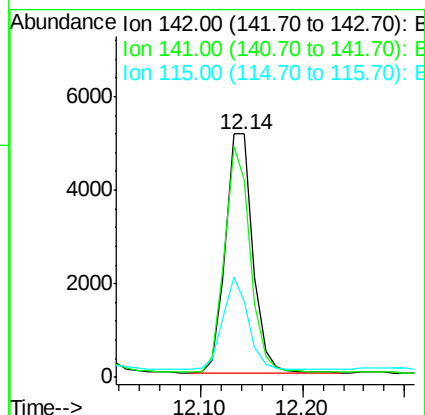
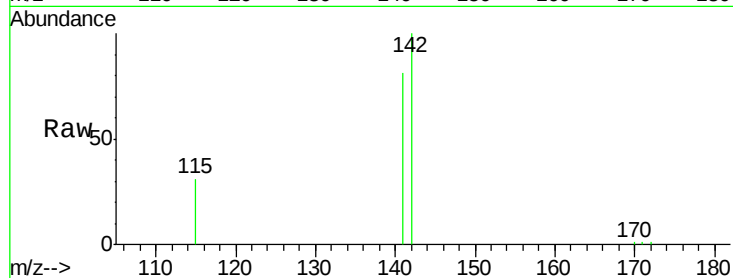
Tgt Ion:142 Resp: 9504

Ion Ratio Lower Upper

142 100

141 81.3 67.8 101.8

115 31.1 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: BM003828.D

Acq: 28 Dec 2015 14:52

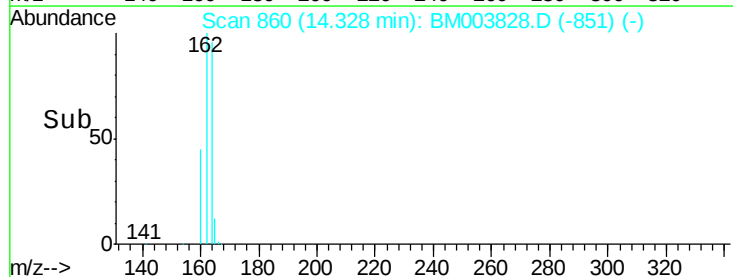
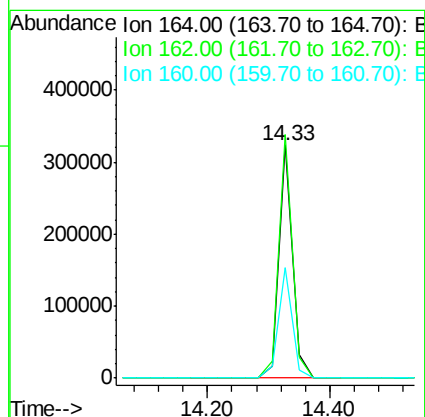
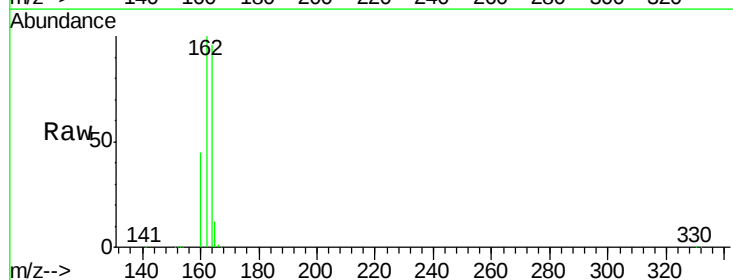
Tgt Ion:164 Resp: 496420

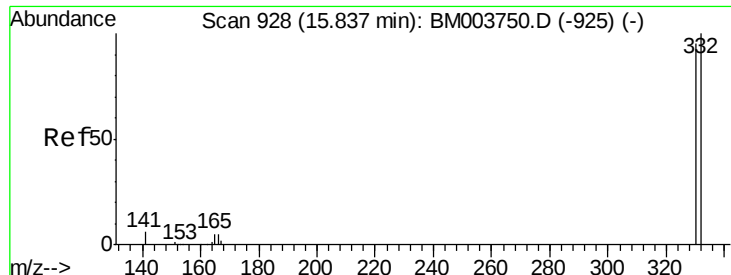
Ion Ratio Lower Upper

164 100

162 104.5 86.0 129.0

160 47.4 40.3 60.5

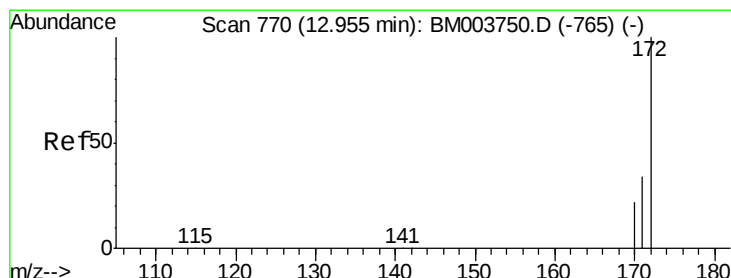
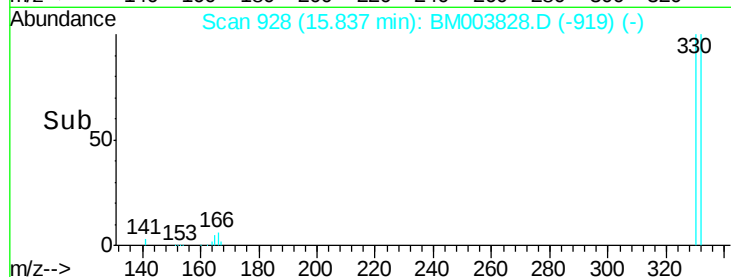
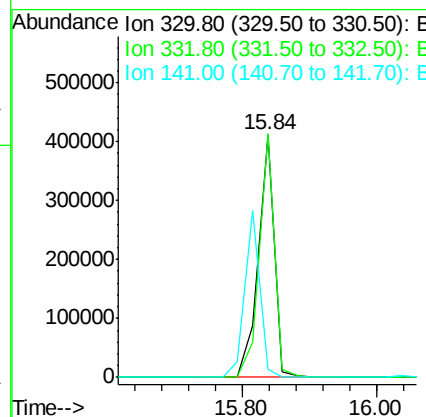
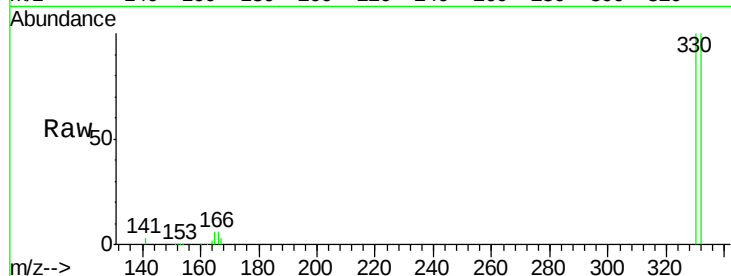




#14
 2,4,6-Tribromophenol
 Concen: 43.23 ng
 RT: 15.84 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: BM003828.D
 Acq: 28 Dec 2015 14:52

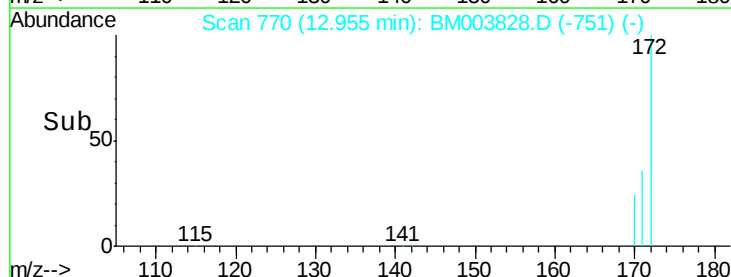
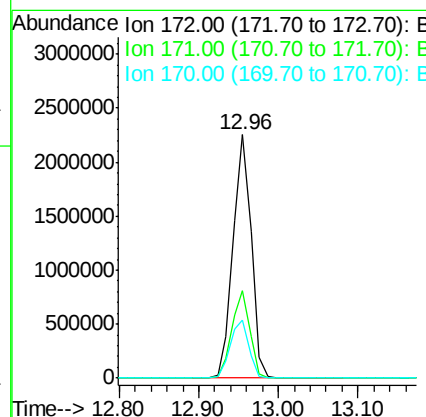
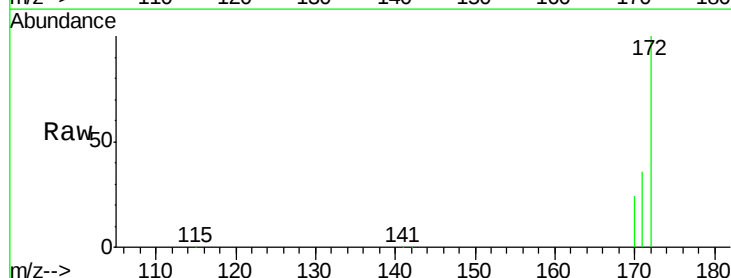
Instrument :
 BNA_M
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 AST-HC-EAST

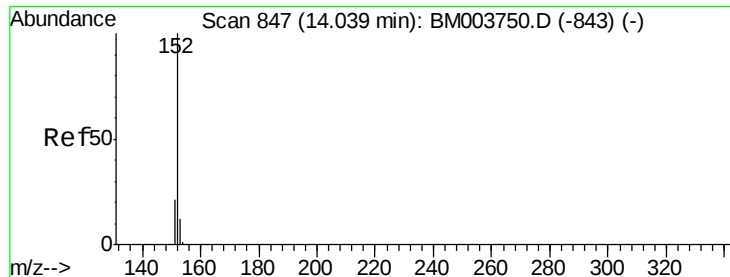
Tgt Ion:330 Resp: 685306
 Ion Ratio Lower Upper
 330 100
 332 95.4 79.0 118.4
 141 0.0 0.0 0.0



#15
 2-Fluorobiphenyl
 Concen: 23.48 ng
 RT: 12.96 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BM003828.D
 Acq: 28 Dec 2015 14:52

Tgt Ion:172 Resp: 3565830
 Ion Ratio Lower Upper
 172 100
 171 35.8 27.0 40.6
 170 23.8 17.9 26.9

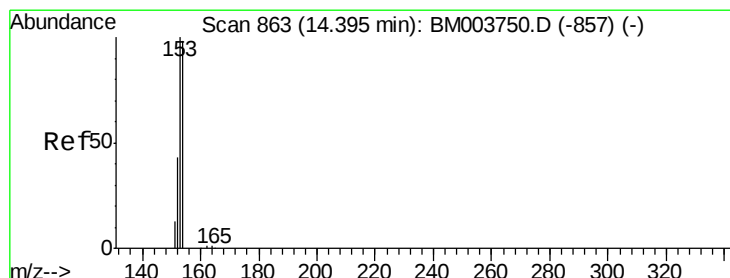
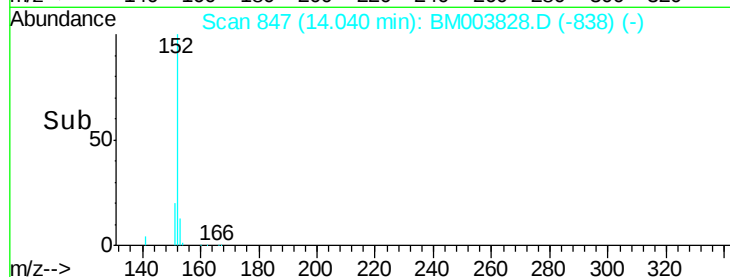
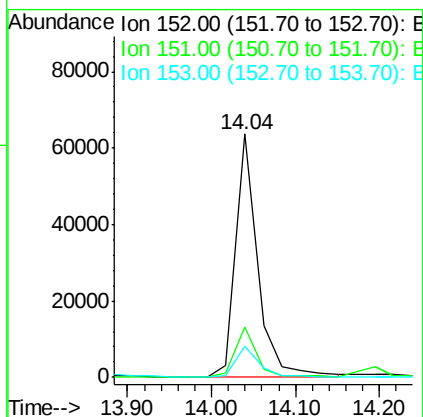
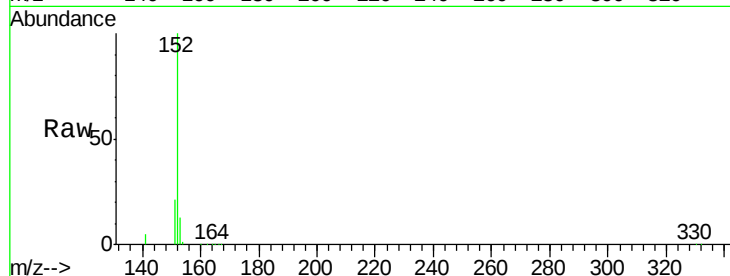




#16
Acenaphthylene
Concen: 0.50 ng
RT: 14.04 min Scan# 847
Delta R.T. 0.00 min
Lab File: BM003828.D
Acq: 28 Dec 2015 14:52

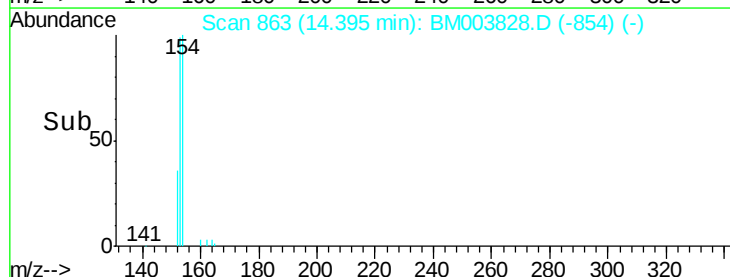
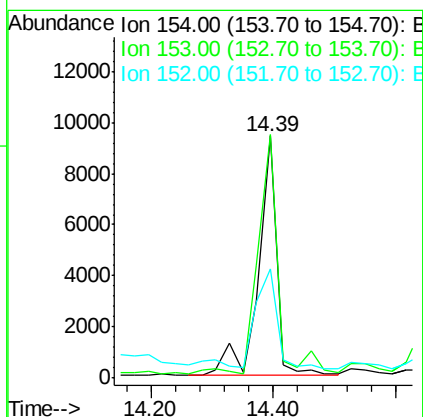
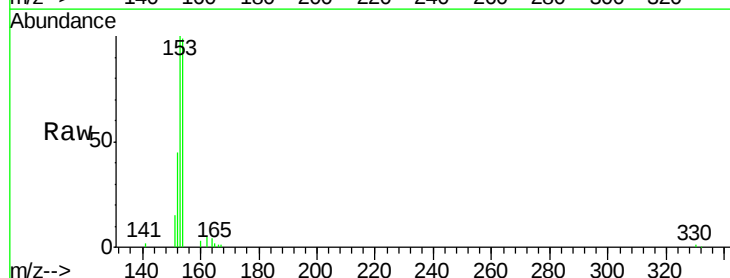
Instrument :
BNA_M
ClientSampleId :
AST-HC-EAST

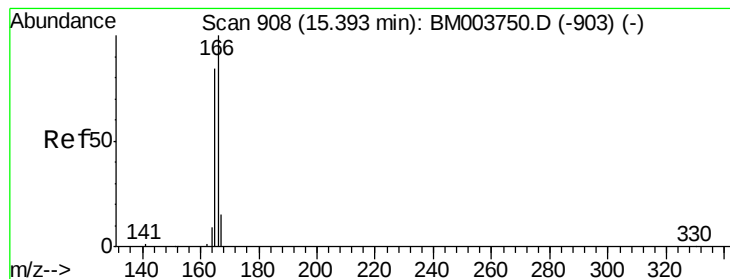
Tgt Ion:152 Resp: 114074
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 13.2 10.2 15.4



#17
Acenaphthene
Concen: 0.16 ng
RT: 14.39 min Scan# 863
Delta R.T. 0.00 min
Lab File: BM003828.D
Acq: 28 Dec 2015 14:52

Tgt Ion:154 Resp: 19627
Ion Ratio Lower Upper
154 100
153 100.0 85.4 128.2
152 49.6 40.6 60.8





#18

Fluorene

Concen: 0.25 ng

RT: 15.39 min Scan# 908

Delta R.T. 0.00 min

Lab File: BM003828.D

Acq: 28 Dec 2015 14:52

Instrument :

BNA_M

ClientSampleId :

AST-HC-EAST

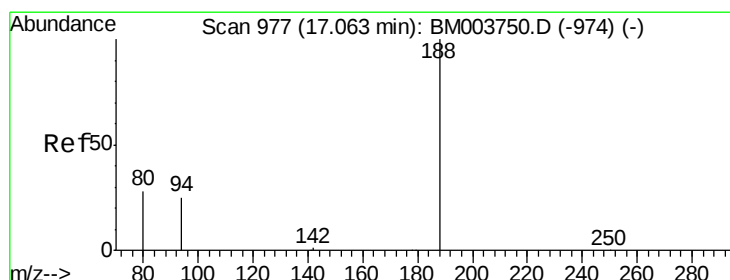
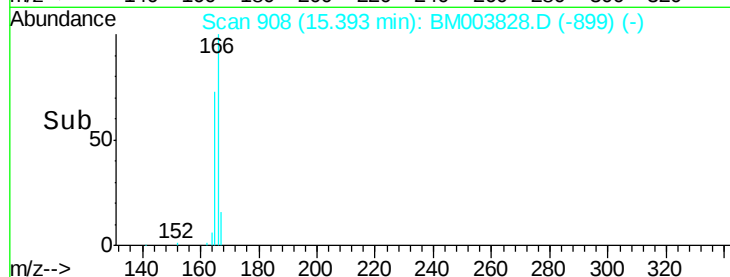
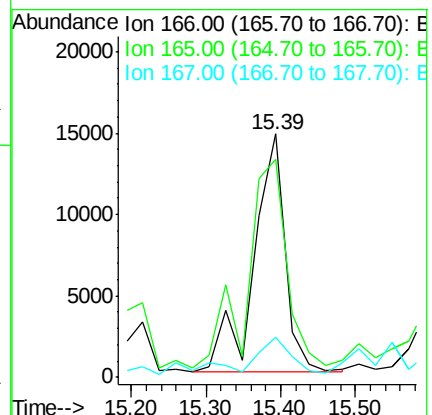
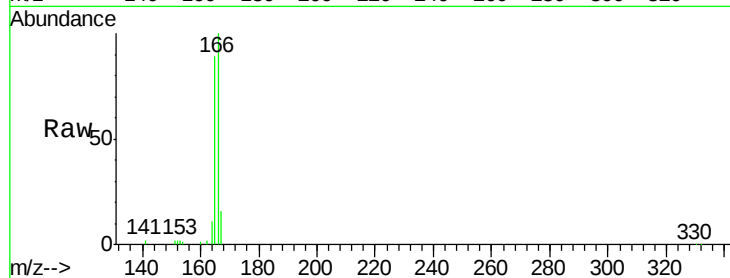
Tgt Ion:166 Resp: 43151

Ion Ratio Lower Upper

166 100

165 109.0 77.2 115.8

167 22.8 11.0 16.6#



#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.06 min Scan# 977

Delta R.T. 0.00 min

Lab File: BM003828.D

Acq: 28 Dec 2015 14:52

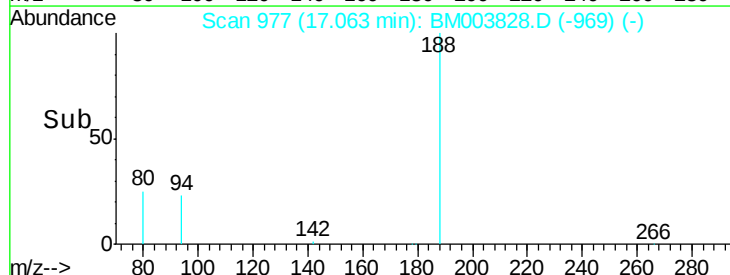
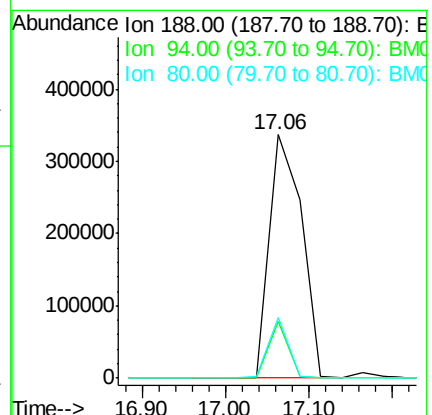
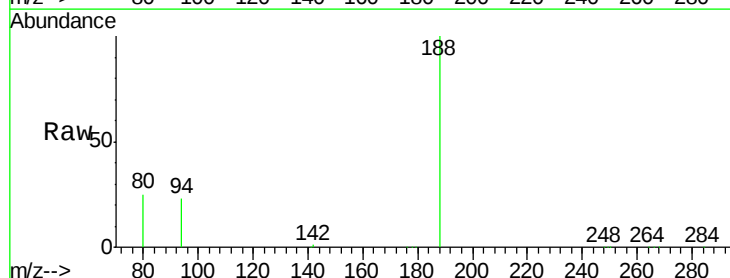
Tgt Ion:188 Resp: 898321

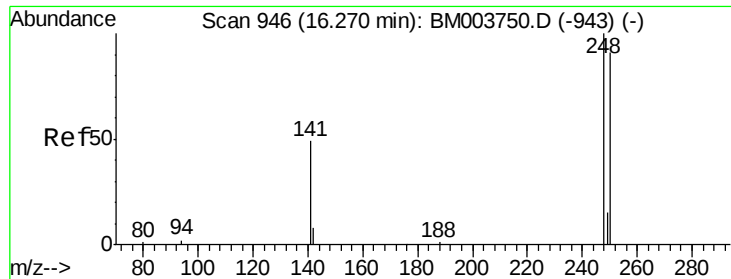
Ion Ratio Lower Upper

188 100

94 23.1 20.3 30.5

80 24.8 22.2 33.4





#20

4-Bromophenyl-phenylether

Concen: Below Cal

RT: 16.27 min Scan# 946

Delta R.T. 0.00 min

Lab File: BM003828.D

Acq: 28 Dec 2015 14:52

Instrument :

BNA_M

ClientSampleId :

AST-HC-EAST

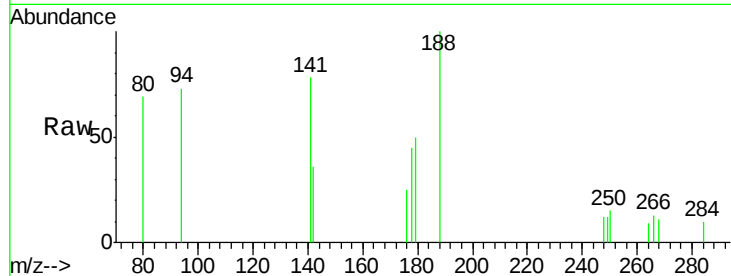
Tgt Ion:248 Resp: 15

Ion Ratio Lower Upper

248 100

250 0.0 75.0 112.4#

141 0.0 53.0 79.4#

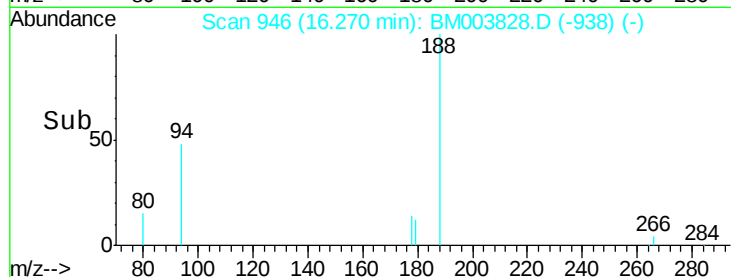


Abundance Ion 248.00 (247.70 to 248.70): E

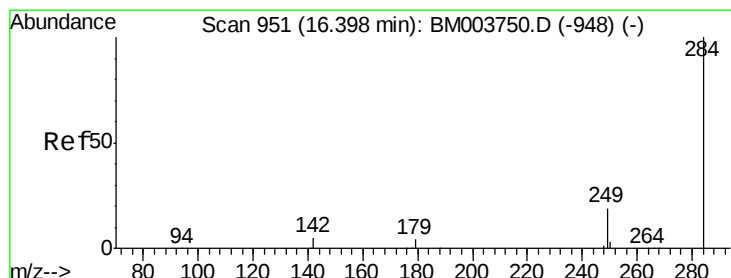
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

Time--> 16.20 16.25 16.30 16.35



Time--> 16.20 16.25 16.30 16.35



#21

Hexachlorobenzene

Concen: Below Cal

RT: 16.40 min Scan# 951

Delta R.T. 0.00 min

Lab File: BM003828.D

Acq: 28 Dec 2015 14:52

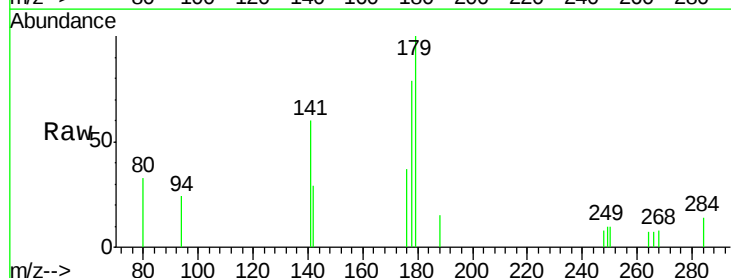
Tgt Ion:284 Resp: 138

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

249 20.3 21.5 32.3#

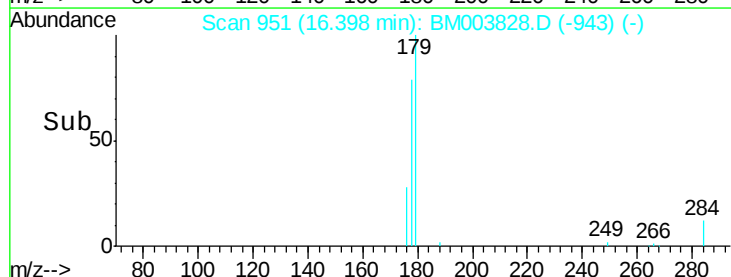


Abundance Ion 283.80 (283.50 to 284.50): E

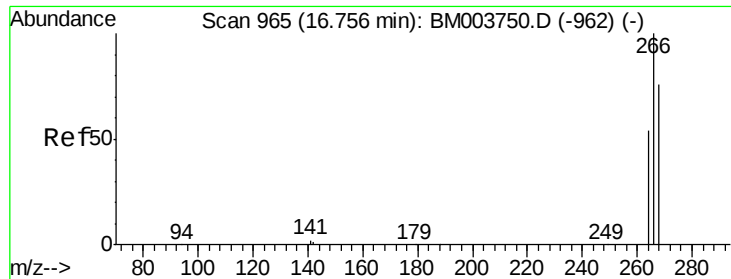
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

Time--> 16.20 16.40



Time--> 16.20 16.40



#22

Pentachlorophenol

Concen: 0.39 ng

RT: 16.76 min Scan# 965

Delta R.T. 0.00 min

Lab File: BM003828.D

Acq: 28 Dec 2015 14:52

Instrument :

BNA_M

ClientSampleId :

AST-HC-EAST

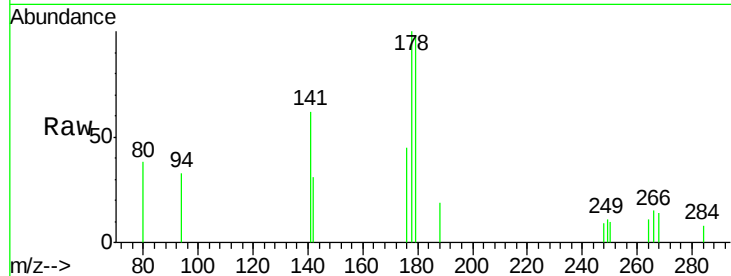
Tgt Ion:266 Resp: 190

Ion Ratio Lower Upper

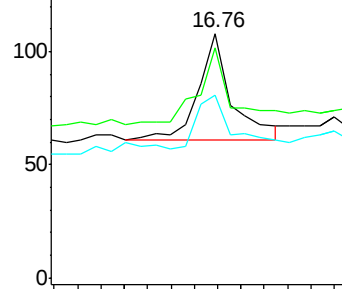
266 100

268 94.4 62.7 94.1#

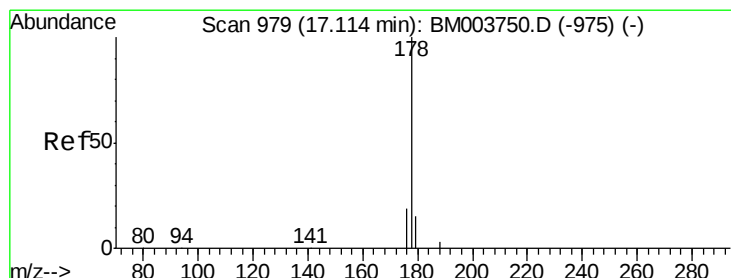
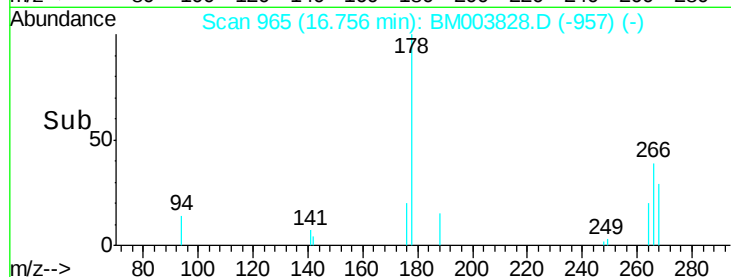
264 75.0 45.7 68.5#



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



Time-->



#23

Phenanthrene

Concen: 2.35 ng

RT: 17.11 min Scan# 979

Delta R.T. 0.00 min

Lab File: BM003828.D

Acq: 28 Dec 2015 14:52

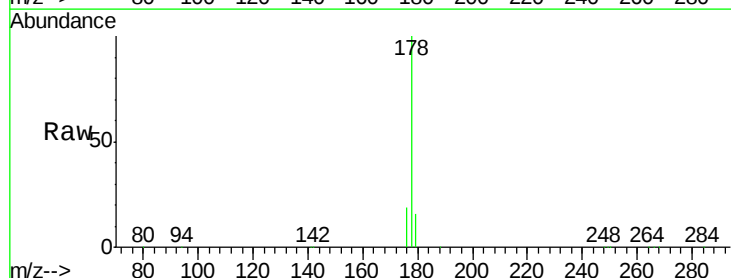
Tgt Ion:178 Resp: 529726

Ion Ratio Lower Upper

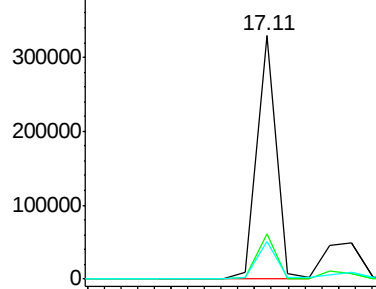
178 100

176 18.9 15.4 23.0

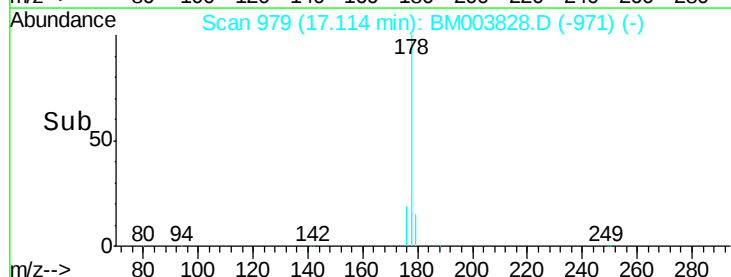
179 16.3 12.2 18.4

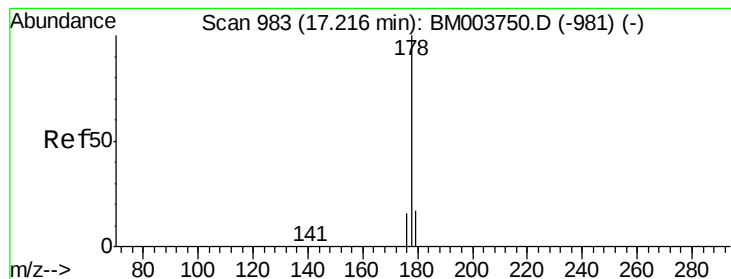


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->





#24

Anthracene

Concen: 2.41 ng

RT: 17.11 min Scan# 979

Delta R.T. -0.10 min

Lab File: BM003828.D

Acq: 28 Dec 2015 14:52

Instrument :

BNA_M

ClientSampleId :

AST-HC-EAST

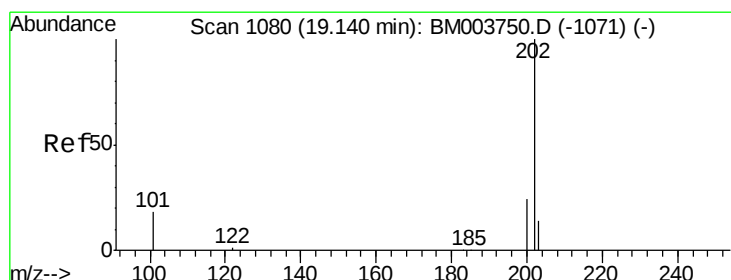
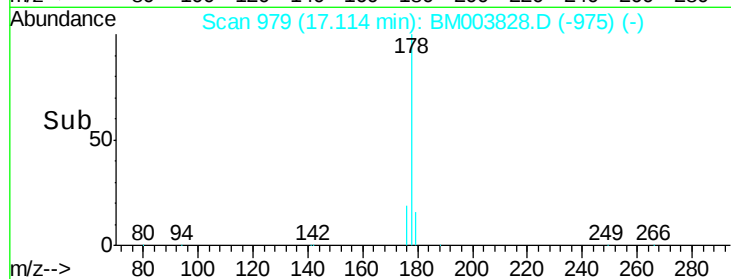
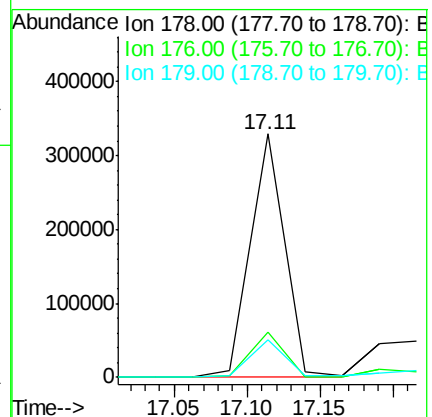
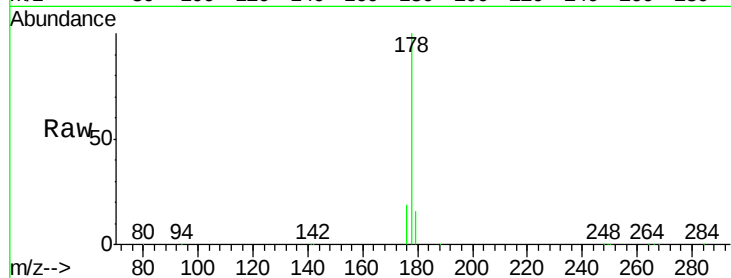
Tgt Ion:178 Resp: 527840

Ion Ratio Lower Upper

178 100

176 18.9 14.6 21.8

179 15.9 12.6 19.0



#25

Fluoranthene

Concen: 3.83 ng

RT: 19.14 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BM003828.D

Acq: 28 Dec 2015 14:52

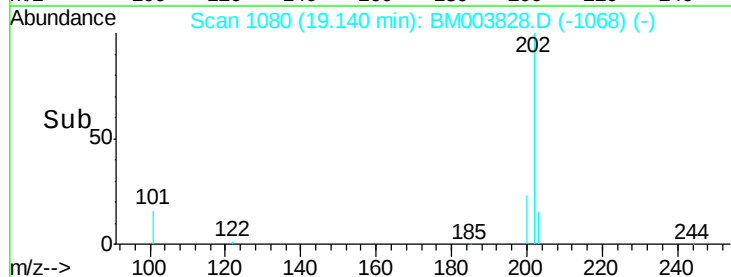
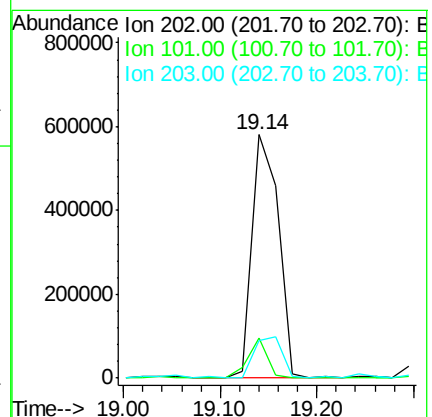
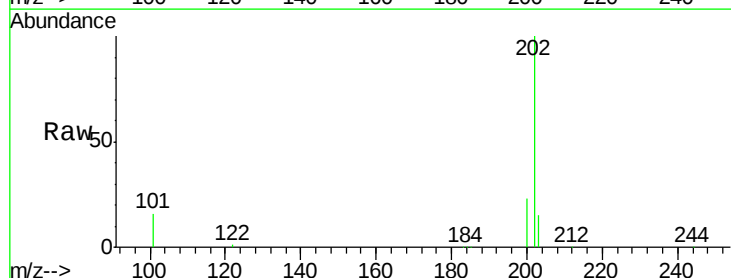
Tgt Ion:202 Resp: 1097320

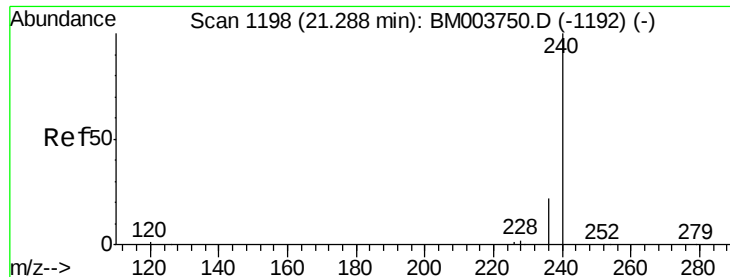
Ion Ratio Lower Upper

202 100

101 12.0 9.7 14.5

203 17.6 13.8 20.8

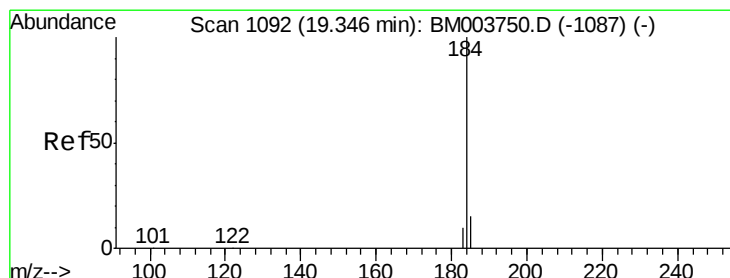
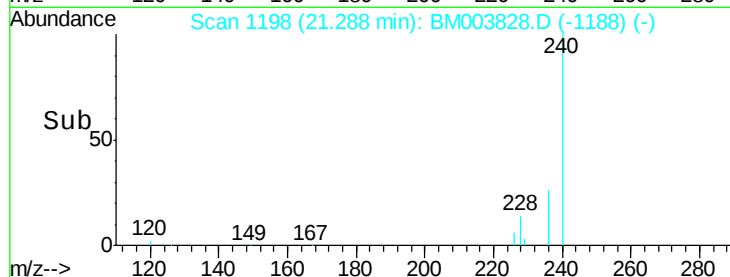
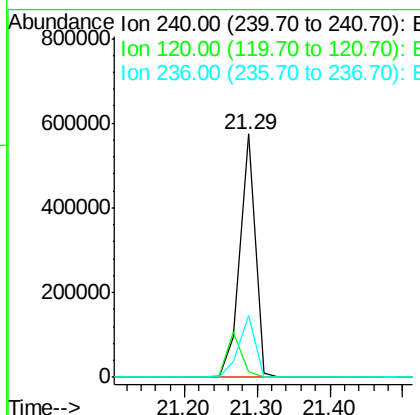
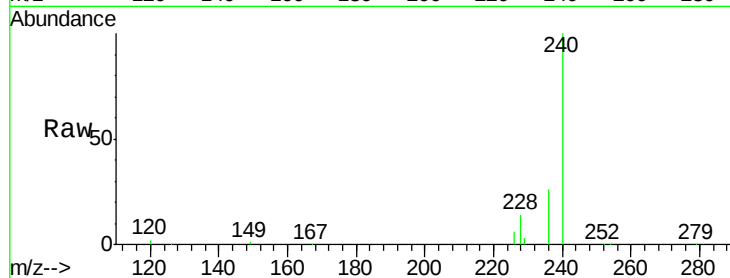




#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.29 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BM003828.D
Acq: 28 Dec 2015 14:52

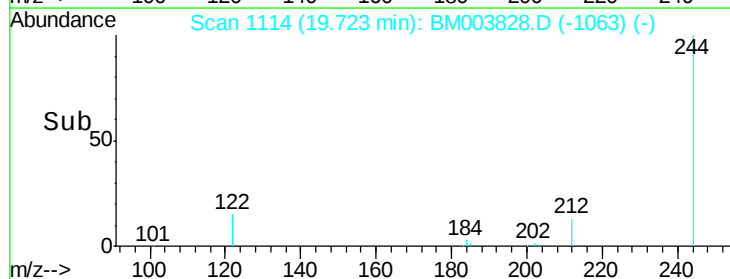
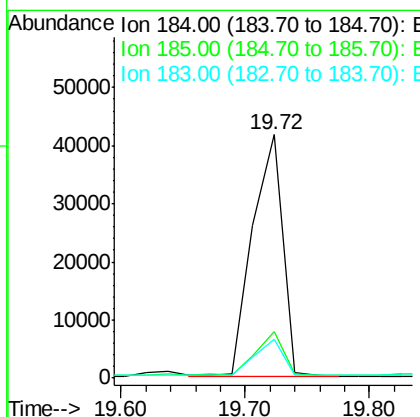
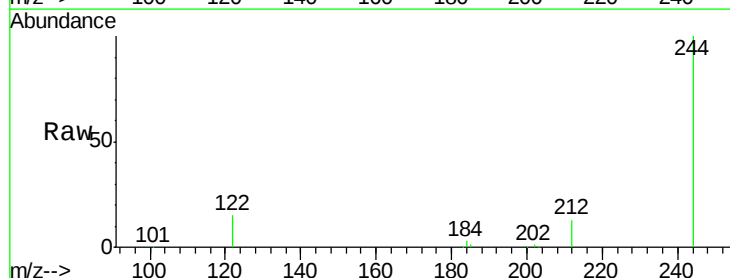
Instrument :
BNA_M
ClientSampleId :
AST-HC-EAST

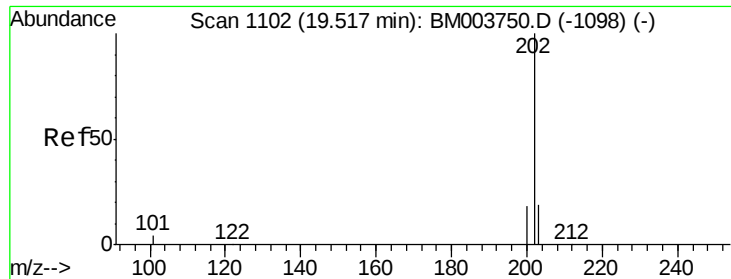
Tgt Ion:240 Resp: 836536
Ion Ratio Lower Upper
240 100
120 2.1 0.9 1.3#
236 25.6 17.3 25.9



#27
Benzidine
Concen: 1.28 ng
RT: 19.72 min Scan# 1114
Delta R.T. 0.38 min
Lab File: BM003828.D
Acq: 28 Dec 2015 14:52

Tgt Ion:184 Resp: 70744
Ion Ratio Lower Upper
184 100
185 19.4 13.2 19.8
183 15.7 9.0 13.6#

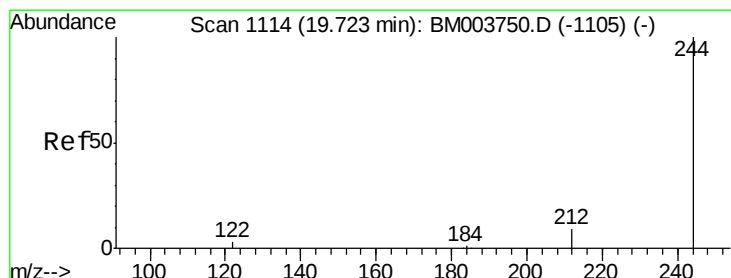
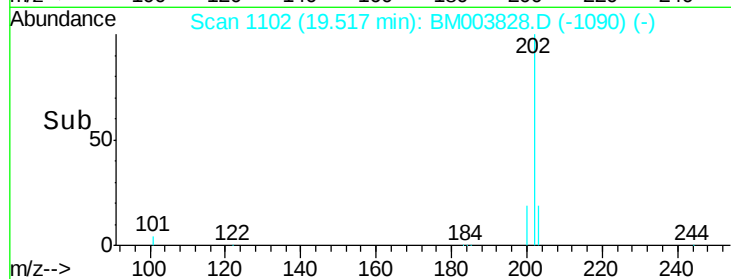
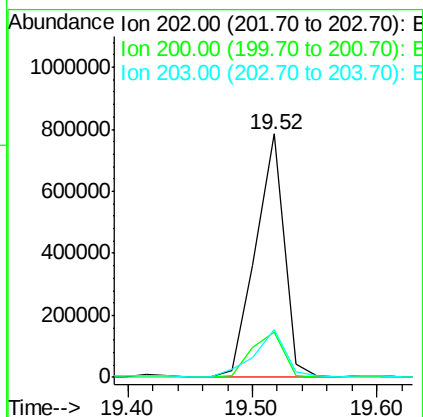
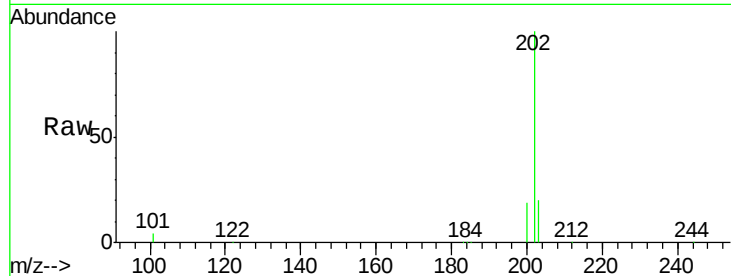




#28
 Pyrene
 Concen: 4.49 ng
 RT: 19.52 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BM003828.D
 Acq: 28 Dec 2015 14:52

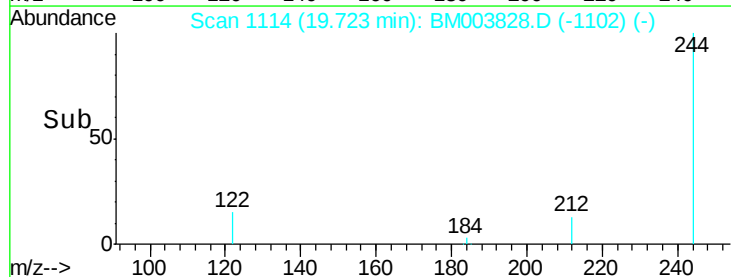
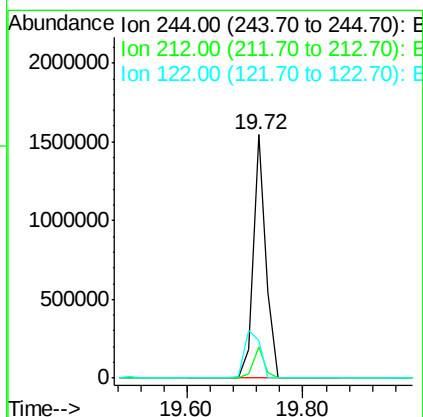
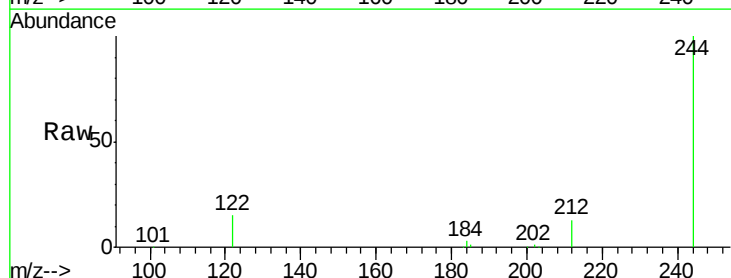
Instrument :
 BNA_M
 ClientSampled :
 AST-HC-EAST

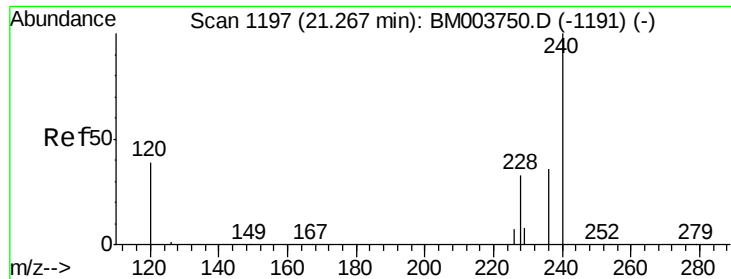
Tgt Ion: 202 Resp: 1245029
 Ion Ratio Lower Upper
 202 100
 200 21.2 16.6 24.8
 203 22.4 14.0 21.0#



#29
 Terphenyl-d14
 Concen: 18.00 ng
 RT: 19.72 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: BM003828.D
 Acq: 28 Dec 2015 14:52

Tgt Ion: 244 Resp: 2357431
 Ion Ratio Lower Upper
 244 100
 212 12.7 7.0 10.6#
 122 15.3 3.0 4.6#





#30

Benzo(a)anthracene

Concen: 4.31 ng

RT: 21.27 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BM003828.D

Acq: 28 Dec 2015 14:52

Instrument :

BNA_M

ClientSampleId :

AST-HC-EAST

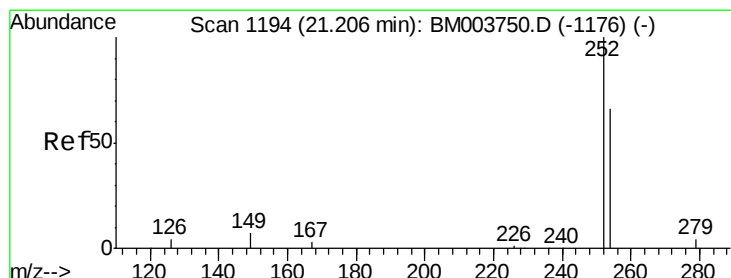
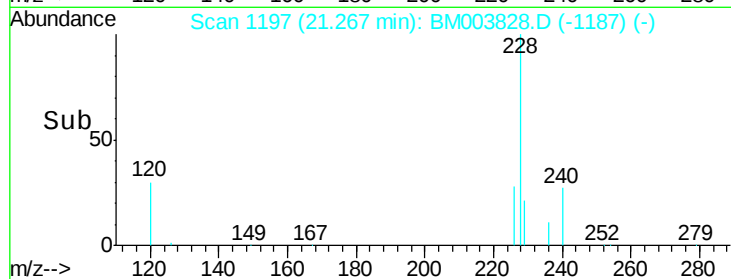
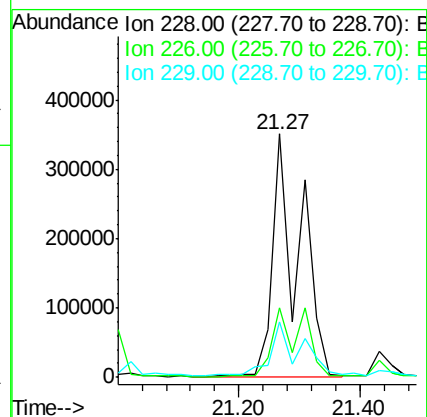
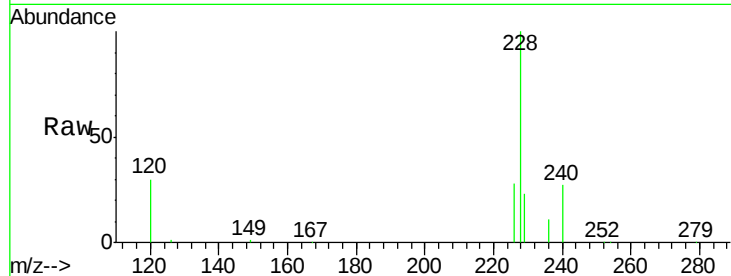
Tgt Ion:228 Resp: 1080232

Ion Ratio Lower Upper

228 100

226 28.3 17.2 25.8#

229 22.9 18.7 28.1



#31

3,3'-Dichlorobenzidine

Concen: 0.25 ng

RT: 21.21 min Scan# 1194

Delta R.T. 0.00 min

Lab File: BM003828.D

Acq: 28 Dec 2015 14:52

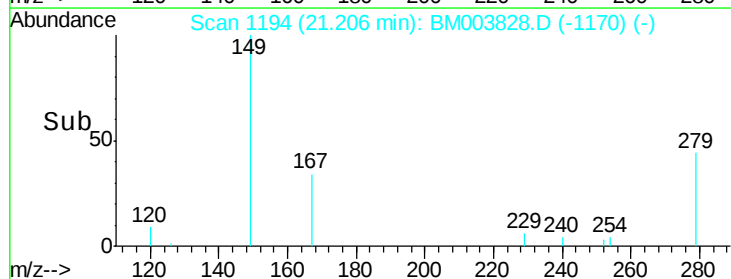
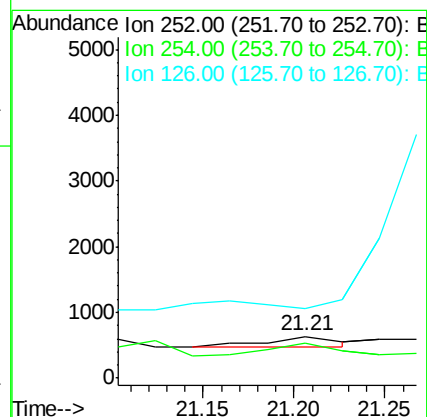
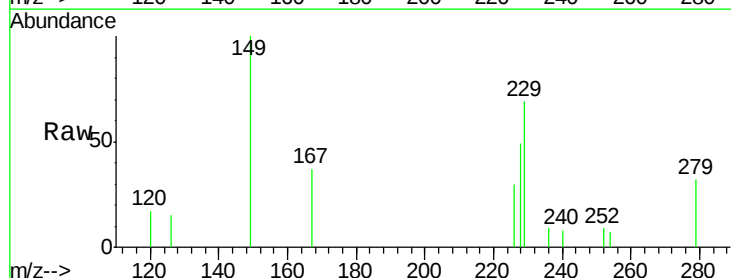
Tgt Ion:252 Resp: 411

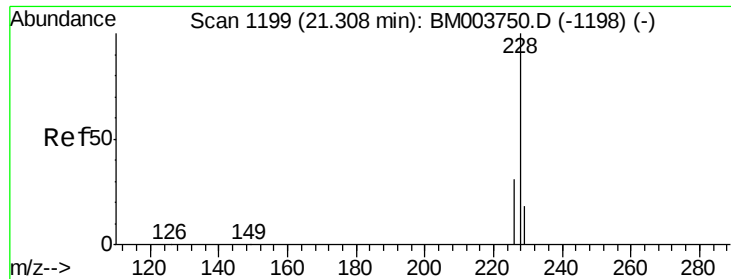
Ion Ratio Lower Upper

252 100

254 82.3 52.6 79.0#

126 165.6 3.7 5.5#





#32

Chrysene

Concen: 4.71 ng

RT: 21.27 min Scan# 1197

Delta R.T. -0.04 min

Lab File: BM003828.D

Acq: 28 Dec 2015 14:52

Instrument :

BNA_M

ClientSampleId :

AST-HC-EAST

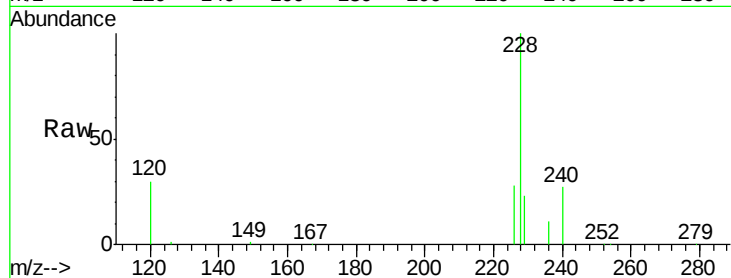
Tgt Ion:228 Resp: 1073810

Ion Ratio Lower Upper

228 100

226 28.3 25.3 37.9

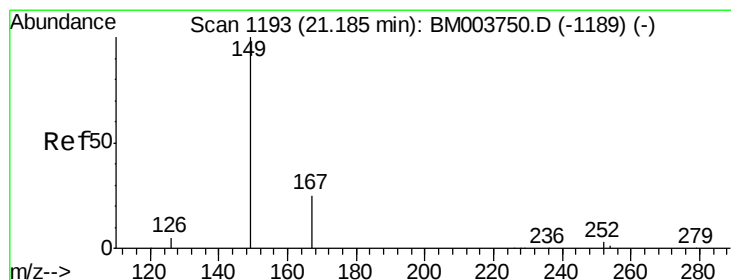
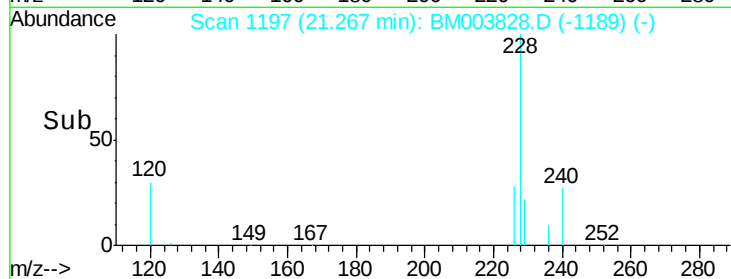
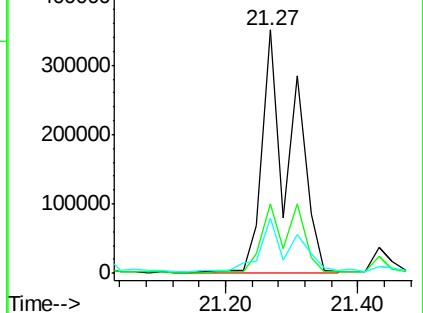
229 22.9 14.5 21.7#



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: 0.84 ng

RT: 21.19 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BM003828.D

Acq: 28 Dec 2015 14:52

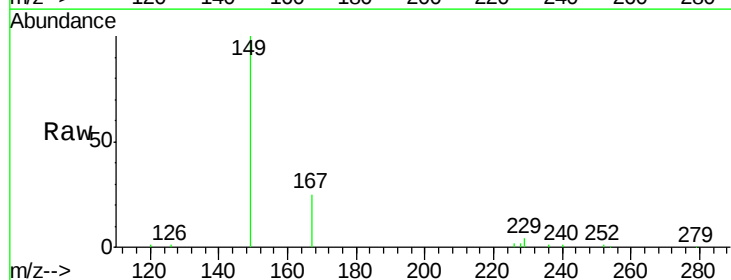
Tgt Ion:149 Resp: 122866

Ion Ratio Lower Upper

149 100

167 24.7 20.1 30.1

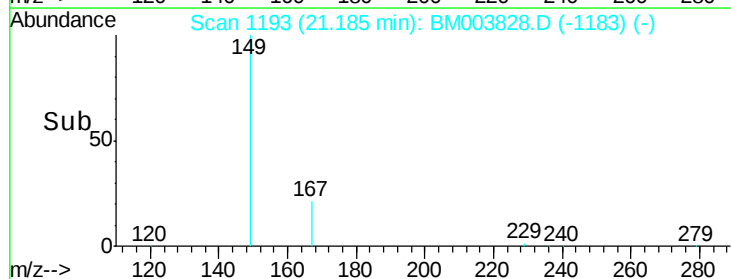
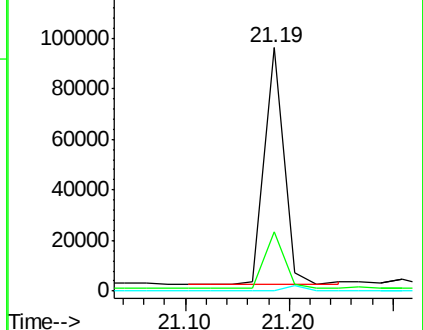
279 0.0 0.0 0.0

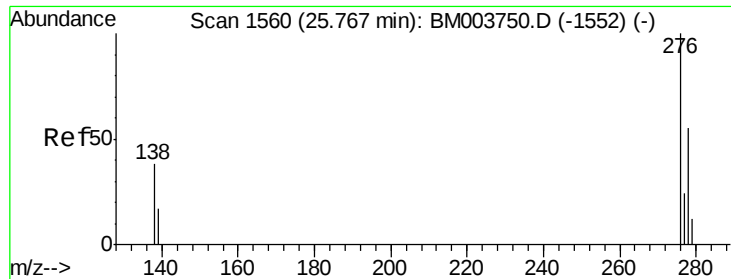


Abundance Ion 149.00 (148.70 to 149.70): E

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: 1.08 ng

RT: 25.78 min Scan# 1562

Delta R.T. 0.01 min

Lab File: BM003828.D

Acq: 28 Dec 2015 14:52

Instrument :

BNA_M

ClientSampleId :

AST-HC-EAST

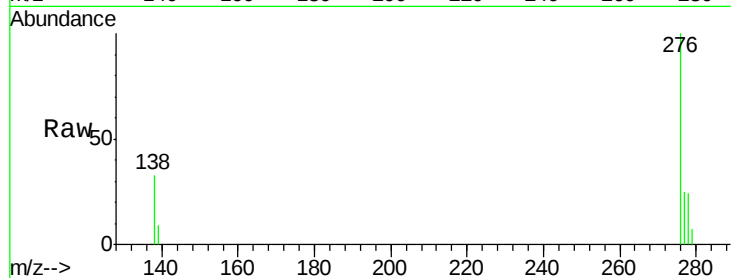
Tgt Ion: 276 Resp: 190188

Ion Ratio Lower Upper

276 100

138 33.4 30.2 45.2

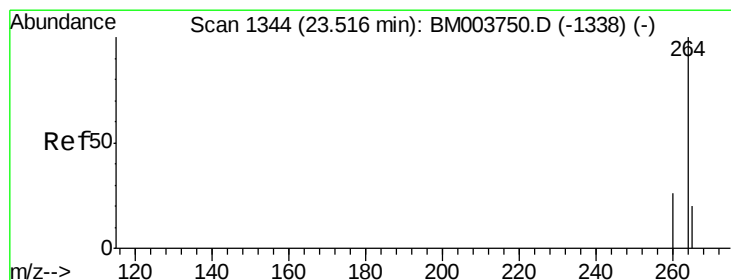
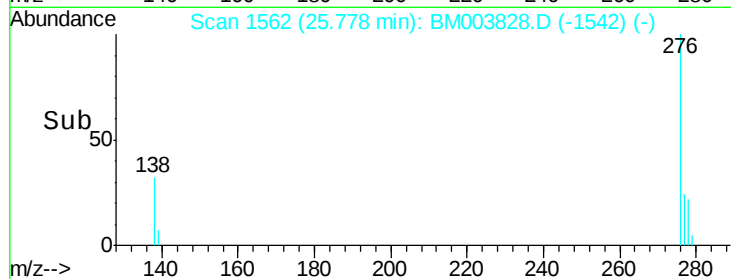
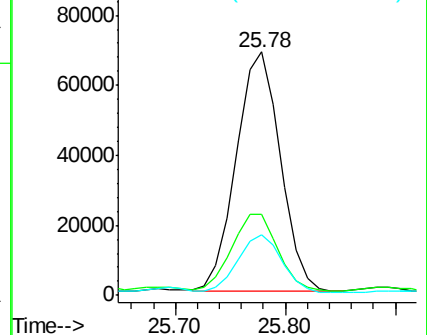
277 24.3 19.8 29.8



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

Perylene-d12

Concen: 5.00 ng

RT: 23.53 min Scan# 1346

Delta R.T. 0.01 min

Lab File: BM003828.D

Acq: 28 Dec 2015 14:52

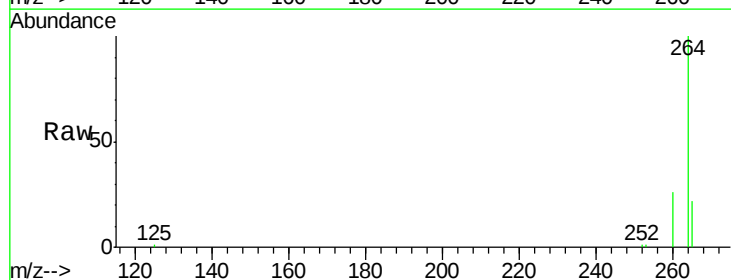
Tgt Ion: 264 Resp: 623464

Ion Ratio Lower Upper

264 100

260 26.1 21.2 31.8

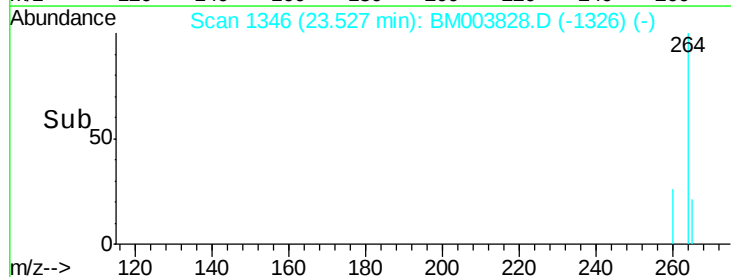
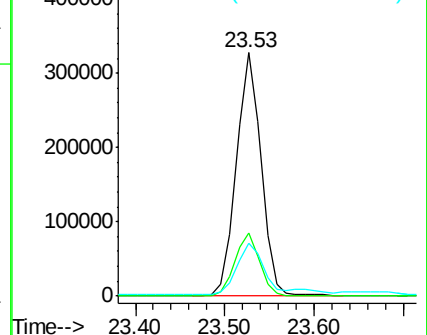
265 22.0 16.7 25.1

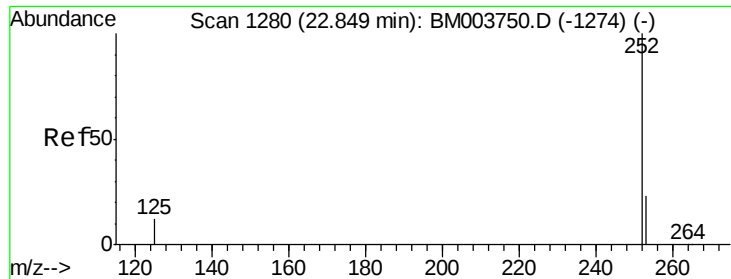


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#36

Benzo(b)fluoranthene

Concen: 3.58 ng

RT: 22.85 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BM003828.D

Acq: 28 Dec 2015 14:52

Instrument :

BNA_M

ClientSampleId :

AST-HC-EAST

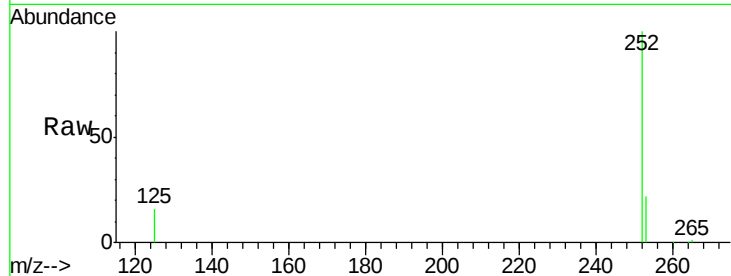
Tgt Ion:252 Resp: 729905

Ion Ratio Lower Upper

252 100

253 22.5 18.8 28.2

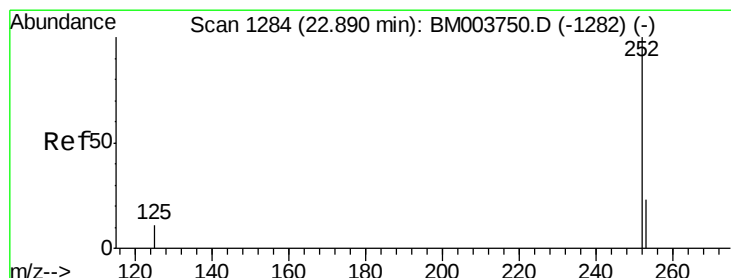
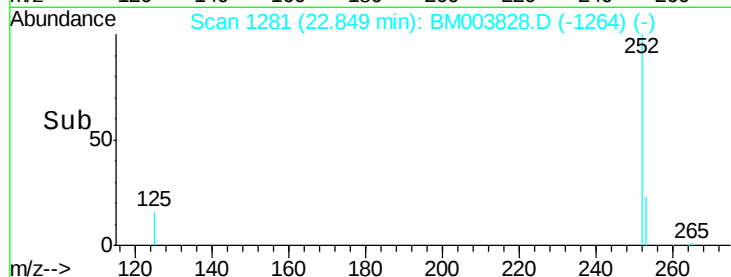
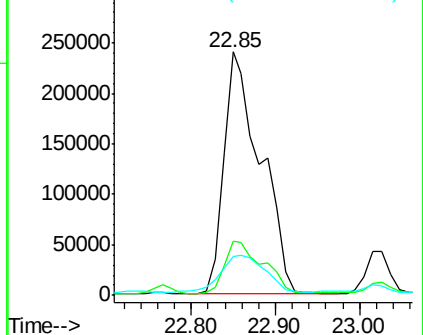
125 15.9 10.2 15.4#



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



#37

Benzo(k)fluoranthene

Concen: 3.89 ng

RT: 22.85 min Scan# 1281

Delta R.T. -0.04 min

Lab File: BM003828.D

Acq: 28 Dec 2015 14:52

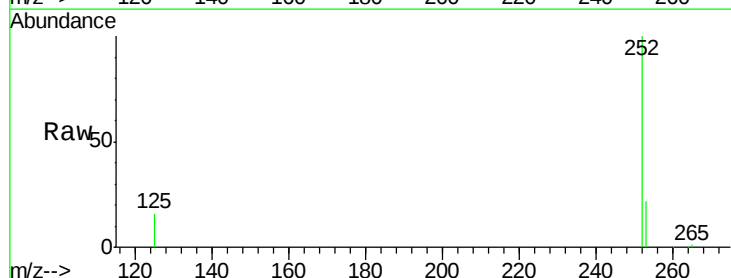
Tgt Ion:252 Resp: 729905

Ion Ratio Lower Upper

252 100

253 22.5 18.3 27.5

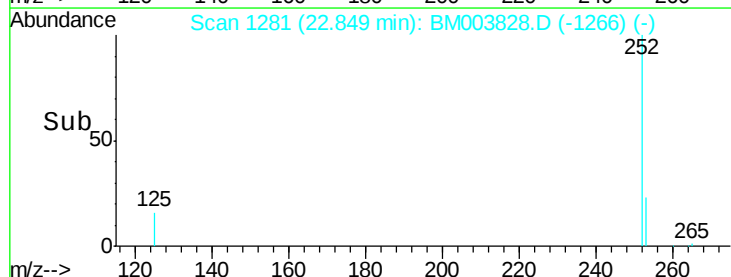
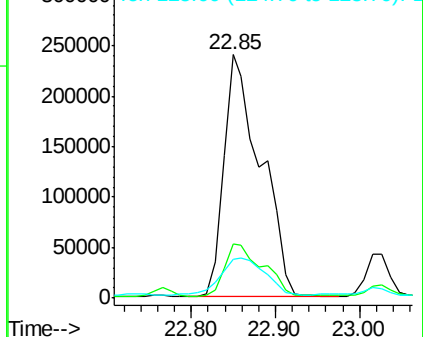
125 15.9 10.6 15.8#

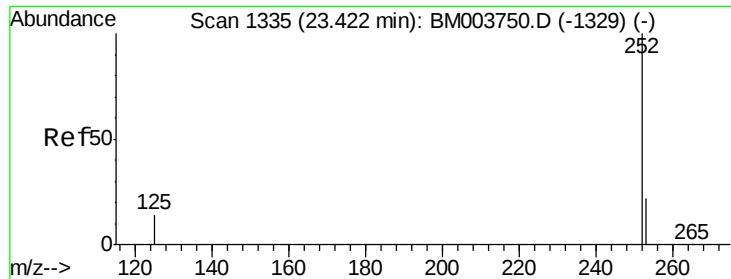


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Benzo(a)pyrene

Concen: 2.04 ng

RT: 23.42 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BM003828.D

Acq: 28 Dec 2015 14:52

Instrument :

BNA_M

ClientSampleId :

AST-HC-EAST

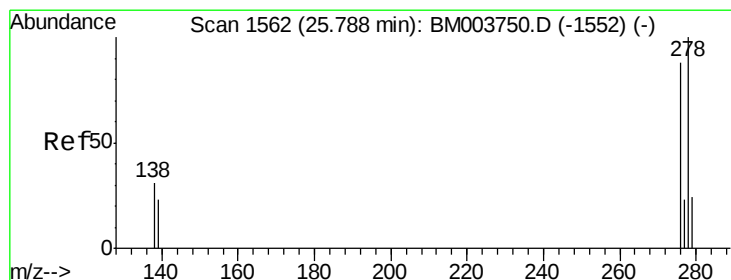
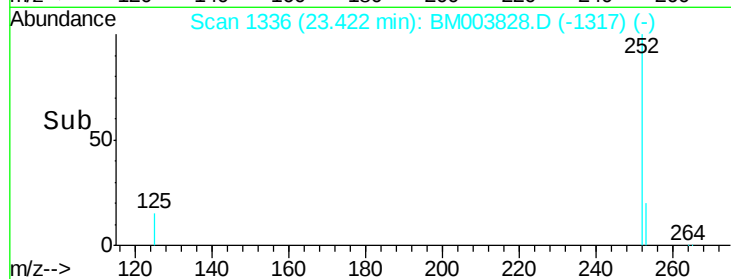
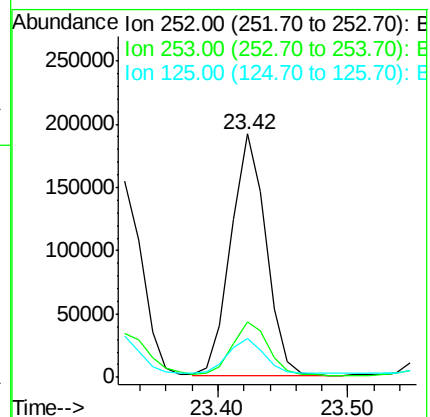
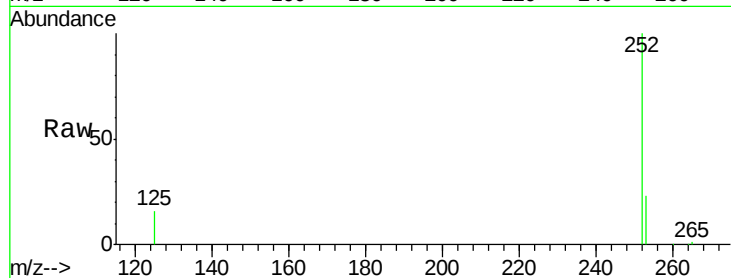
Tgt Ion: 252 Resp: 355401

Ion Ratio Lower Upper

252 100

253 22.5 18.7 28.1

125 16.1 11.8 17.8



#39

Dibenzo(a,h)anthracene

Concen: 0.38 ng

RT: 25.78 min Scan# 1562

Delta R.T. -0.01 min

Lab File: BM003828.D

Acq: 28 Dec 2015 14:52

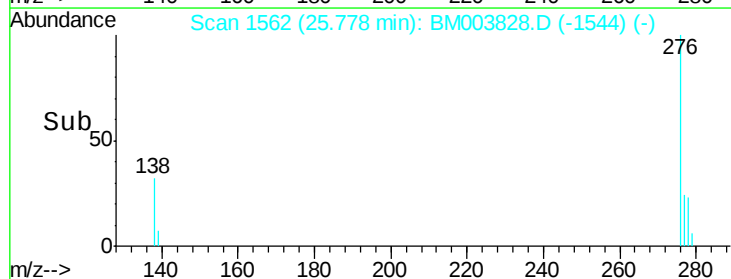
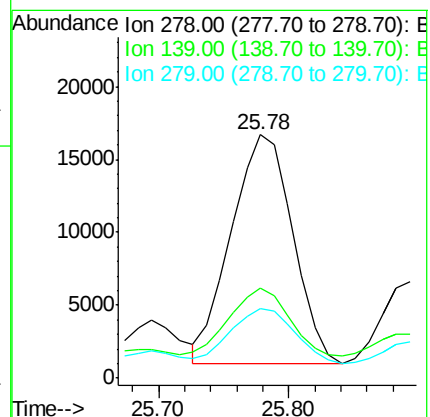
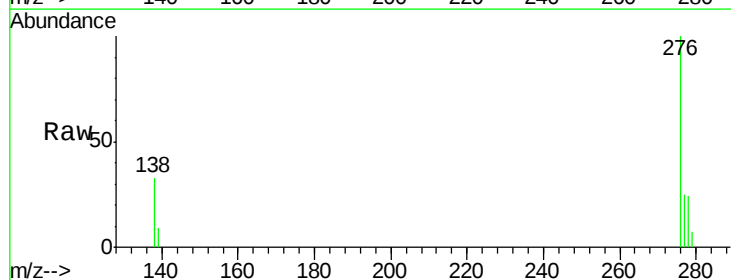
Tgt Ion: 278 Resp: 51427

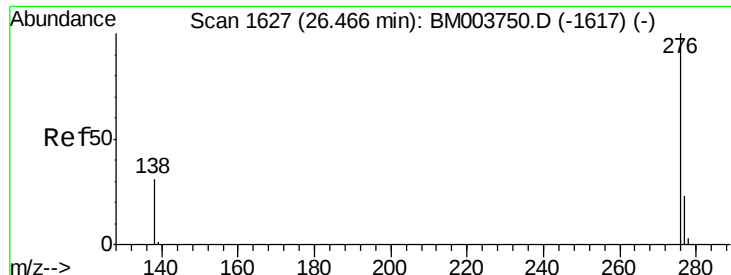
Ion Ratio Lower Upper

278 100

139 37.0 19.0 28.6#

279 28.5 19.6 29.4





#40

Benzo(g,h,i)perylene

Concen: 1.35 ng

RT: 26.47 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BM003828.D

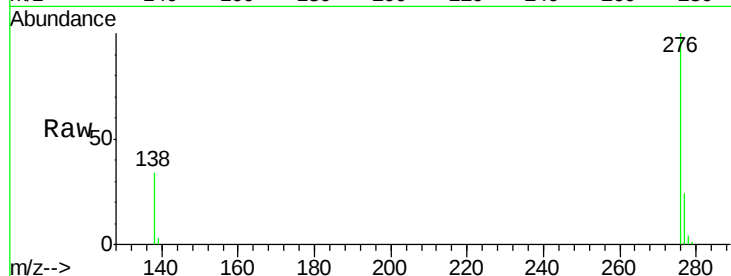
Acq: 28 Dec 2015 14:52

Instrument :

BNA_M

ClientSampleId :

AST-HC-EAST



Tgt Ion: 276 Resp: 193259

Ion Ratio Lower Upper

276 100

277 23.6 19.1 28.7

138 34.2 25.0 37.4

