

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012216\
 Data File : BM004103.D
 Acq On : 21 Jan 2016 17:29
 Operator : SJ/UM
 Sample : PB87902BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.2

Quant Time: Jan 22 01:20:01 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM010216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 13:33:21 2016
 Response via : Initial Calibration

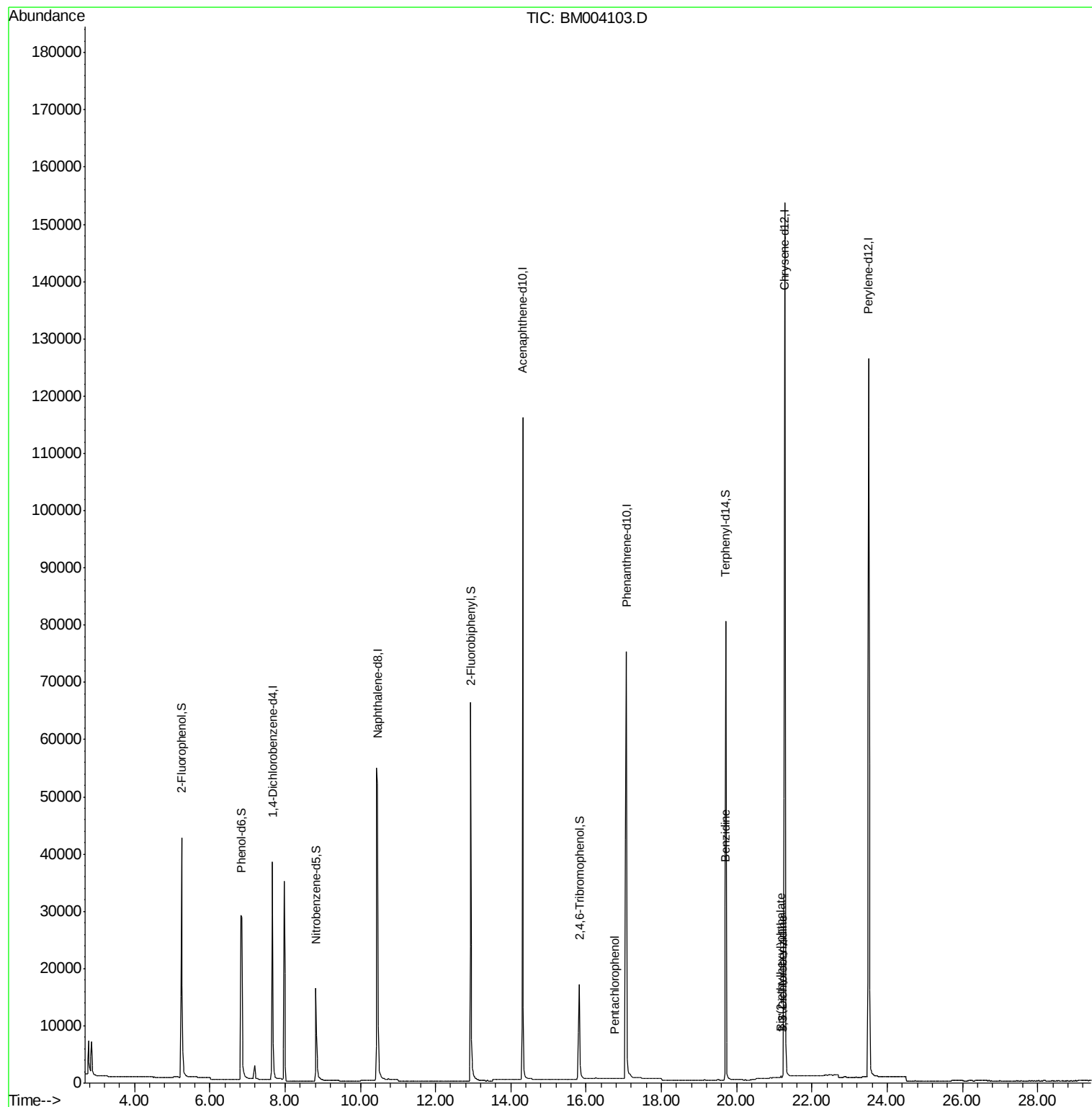
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	24778	5.00	ng	0.00
7) Naphthalene-d8	10.46	136	107551	5.00	ng	0.00
13) Acenaphthene-d10	14.31	164	69334	5.00	ng	-0.02
19) Phenanthrene-d10	17.07	188	149043	5.00	ng	0.00
26) Chrysene-d12	21.28	240	178352	5.00	ng	0.01
35) Perylene-d12	23.51	264	172291	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	41096	8.10	ng	-0.02
5) Phenol-d6	6.85	99	49484	7.97	ng	0.00
8) Nitrobenzene-d5	8.82	82	19358	3.66	ng	-0.01
14) 2,4,6-Tribromophenol	15.82	330	13315	6.44	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	78261	3.50	ng	0.00
29) Terphenyl-d14	19.71	244	93884	3.25	ng	-0.01
Target Compounds						
22) Pentachlorophenol	16.76	266	9	0.12	ng	# 62
23) Phenanthrene	17.09	178	135	Below Cal		# 79
27) Benzidine	19.70	184	2090	0.27	ng	# 93
31) 3,3'-Dichlorobenzidine	21.22	252	185	0.25	ng	# 66
33) Bis(2-ethylhexyl)phthalate	21.17	149	565	0.37	ng	# 92

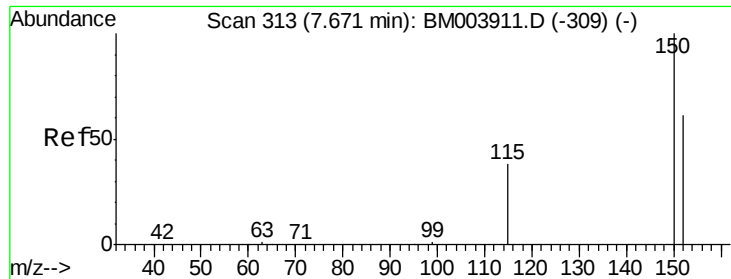
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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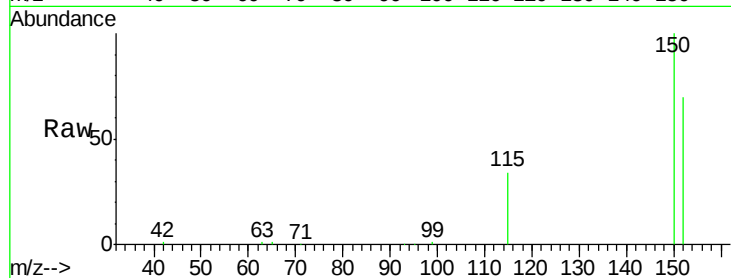




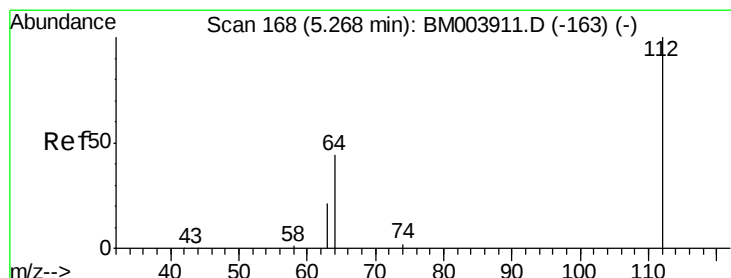
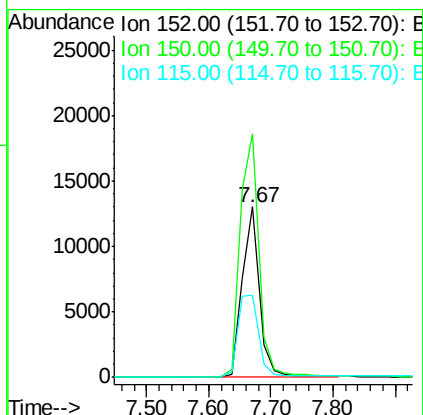
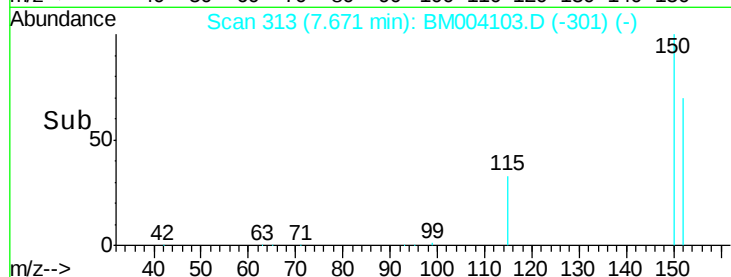
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.67 min Scan# 313
 Delta R.T. 0.00 min
 Lab File: BM004103.D
 Acq: 21 Jan 2016 17:29

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.2

Tgt Ion:152 Resp: 24778
 Ion Ratio Lower Upper
 152 100
 150 143.0 122.9 184.3
 115 48.2 44.4 66.6

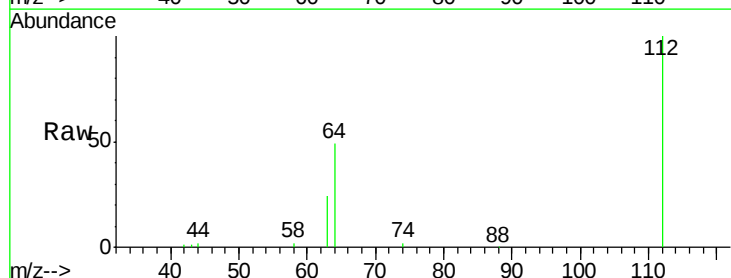


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

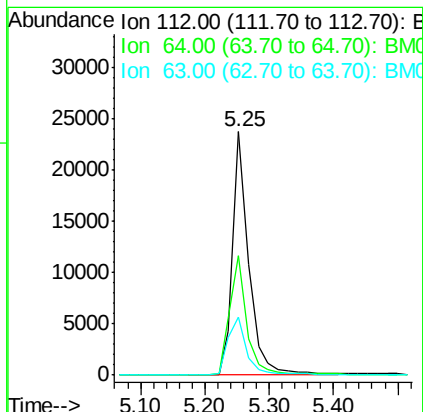
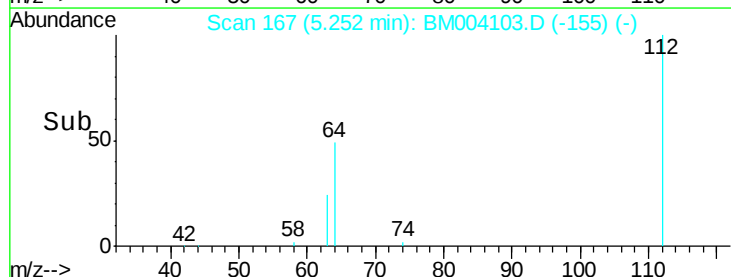


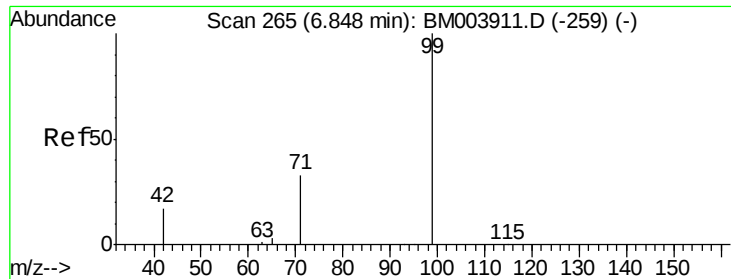
#4
 2-Fluorophenol
 Concen: 8.10 ng
 RT: 5.25 min Scan# 167
 Delta R.T. -0.02 min
 Lab File: BM004103.D
 Acq: 21 Jan 2016 17:29

Tgt Ion:112 Resp: 41096
 Ion Ratio Lower Upper
 112 100
 64 51.7 41.8 62.8
 63 27.0 22.1 33.1



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BM0
 Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 7.97 ng

RT: 6.85 min Scan# 265

Delta R.T. 0.00 min

Lab File: BM004103.D

Acq: 21 Jan 2016 17:29

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

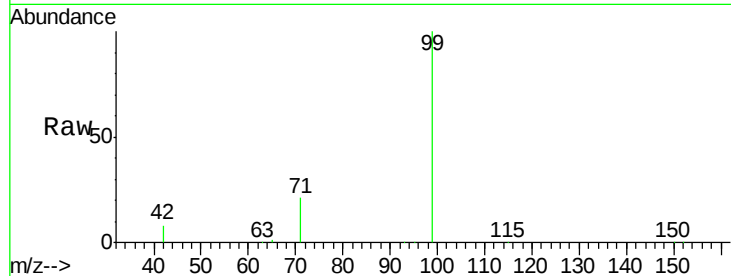
Tgt Ion: 99 Resp: 49484

Ion Ratio Lower Upper

99 100

42 18.2 16.2 24.2

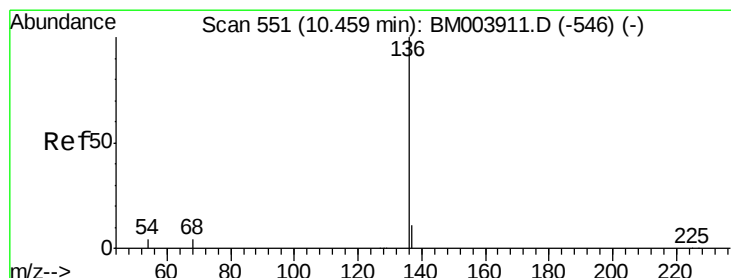
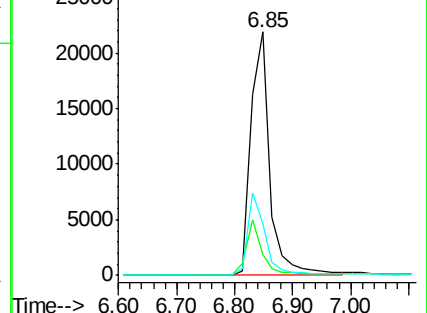
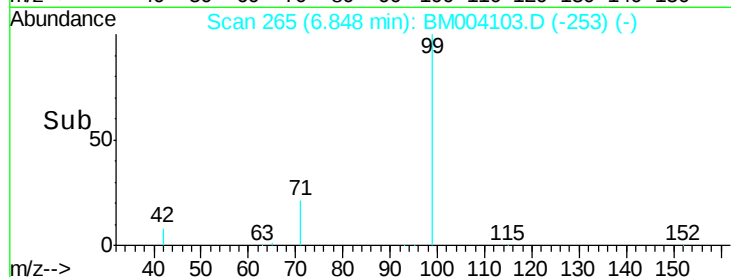
71 30.7 24.4 36.6



Abundance Ion 99.00 (98.70 to 99.70): BM004103.D (-253) (-)

Ion 42.00 (41.70 to 42.70): BM004103.D (-253) (-)

Ion 71.00 (70.70 to 71.70): BM004103.D (-253) (-)



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.46 min Scan# 550

Delta R.T. -0.00 min

Lab File: BM004103.D

Acq: 21 Jan 2016 17:29

Tgt Ion: 136 Resp: 107551

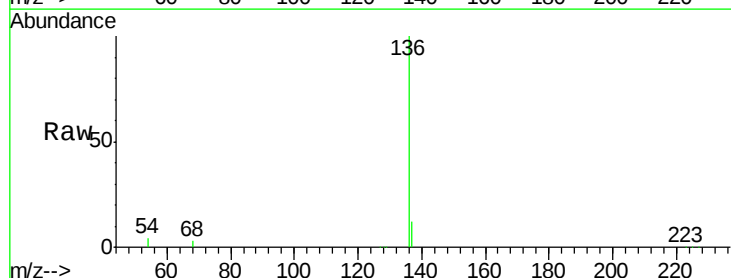
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 3.7 2.8 4.2

68 3.2 2.5 3.7

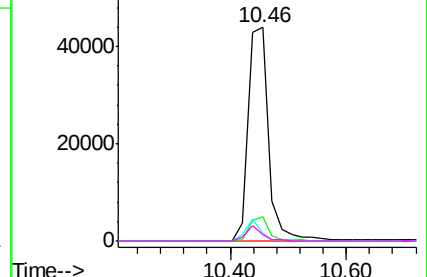
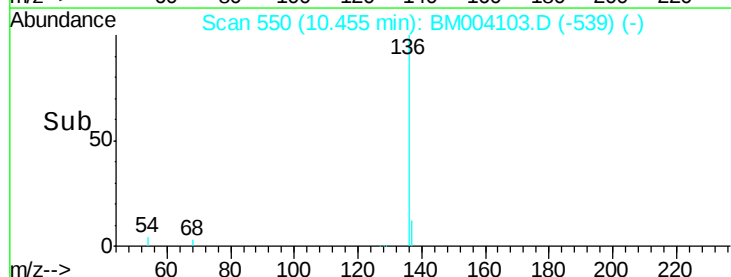


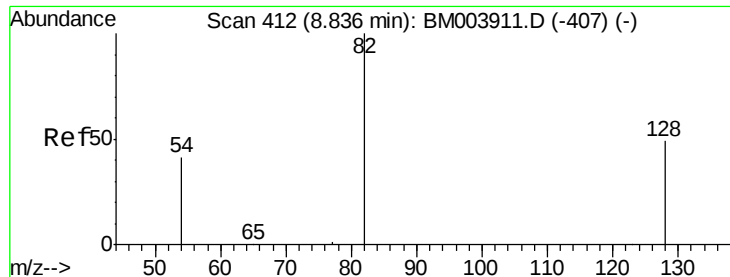
Abundance Ion 136.00 (135.70 to 136.70): BM004103.D (-539) (-)

Ion 137.00 (136.70 to 137.70): BM004103.D (-539) (-)

Ion 54.00 (53.70 to 54.70): BM004103.D (-539) (-)

Ion 68.00 (67.70 to 68.70): BM004103.D (-539) (-)





#8

Nitrobenzene-d5

Concen: 3.66 ng

RT: 8.82 min Scan# 410

Delta R.T. -0.01 min

Lab File: BM004103.D

Acq: 21 Jan 2016 17:29

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.2

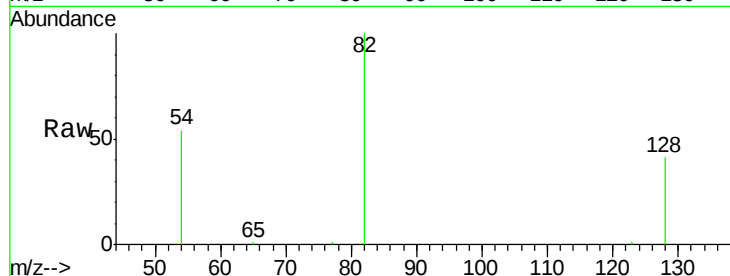
Tgt Ion: 82 Resp: 19358

Ion Ratio Lower Upper

82 100

128 40.8 39.1 58.7

54 54.4 34.8 52.2#



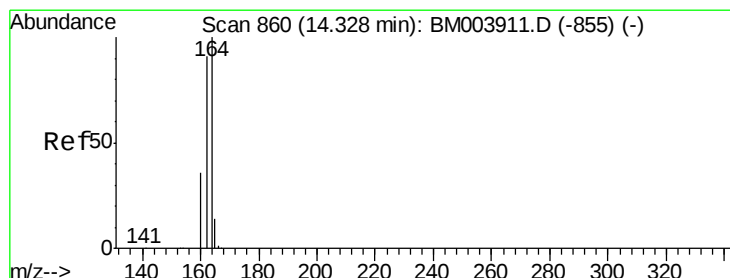
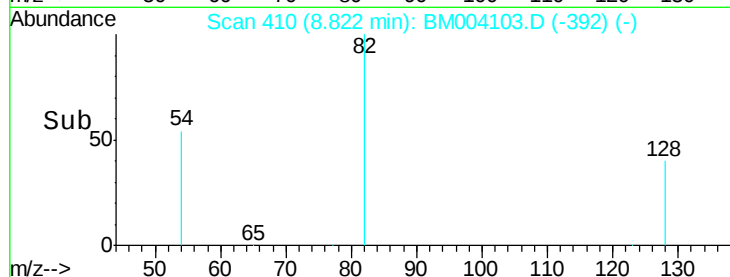
Abundance Ion 82.00 (81.70 to 82.70): BM004103.D (-392) (-)

Ion 128.00 (127.70 to 128.70): BM004103.D (-392) (-)

Ion 54.00 (53.70 to 54.70): BM004103.D (-392) (-)

8.82

Time-->



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.31 min Scan# 859

Delta R.T. -0.02 min

Lab File: BM004103.D

Acq: 21 Jan 2016 17:29

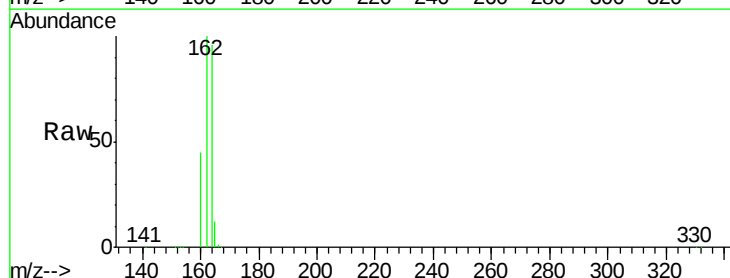
Tgt Ion: 164 Resp: 69334

Ion Ratio Lower Upper

164 100

162 104.1 86.0 129.0

160 47.1 40.3 60.5



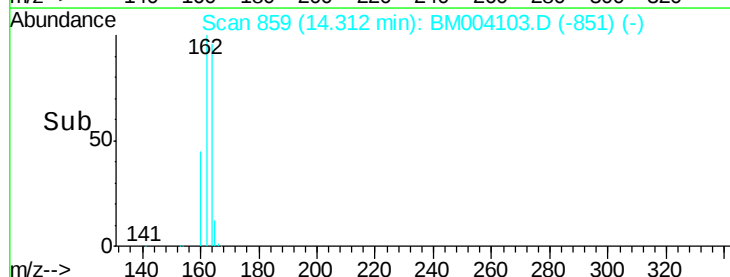
Abundance Ion 164.00 (163.70 to 164.70): BM004103.D (-851) (-)

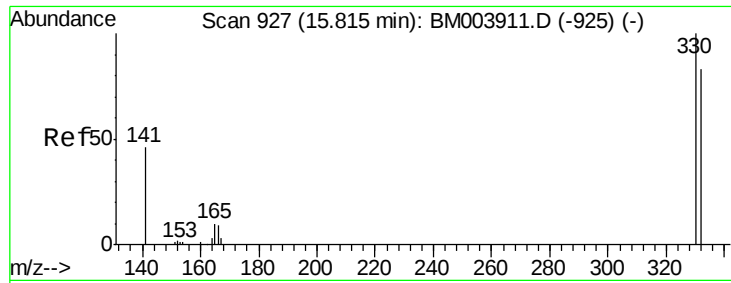
Ion 162.00 (161.70 to 162.70): BM004103.D (-851) (-)

Ion 160.00 (159.70 to 160.70): BM004103.D (-851) (-)

14.31

Time-->

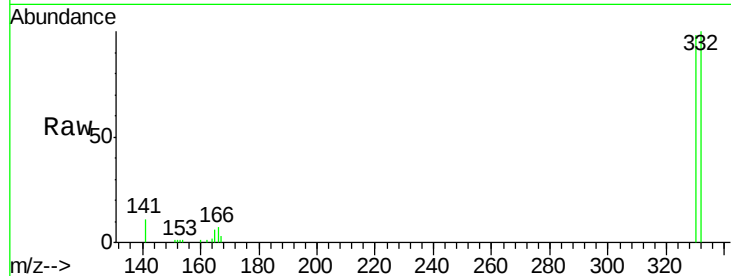




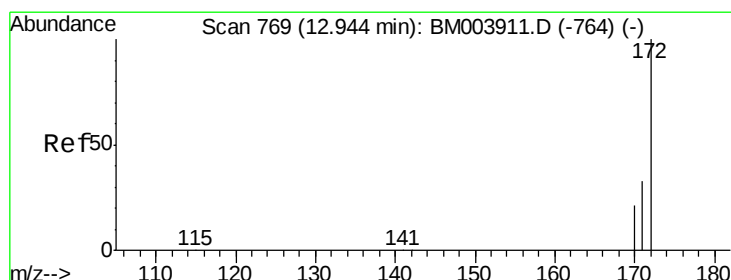
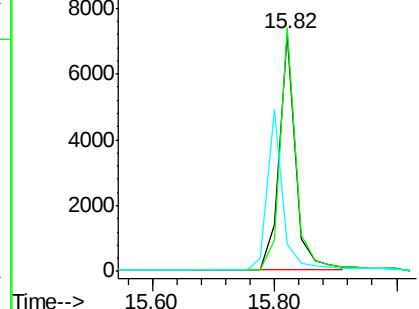
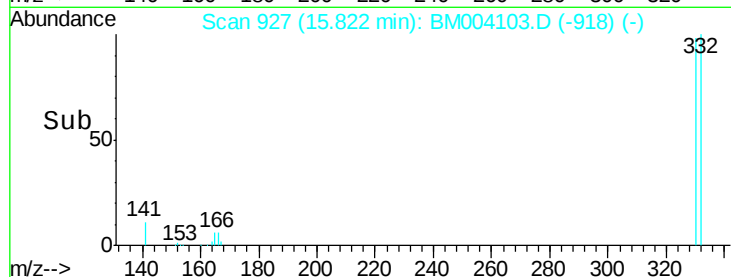
#14
 2,4,6-Tribromophenol
 Concen: 6.44 ng
 RT: 15.82 min Scan# 927
 Delta R.T. 0.01 min
 Lab File: BM004103.D
 Acq: 21 Jan 2016 17:29

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.2

Tgt Ion:330 Resp: 13315
 Ion Ratio Lower Upper
 330 100
 332 98.3 79.0 118.4
 141 0.0 0.0 0.0

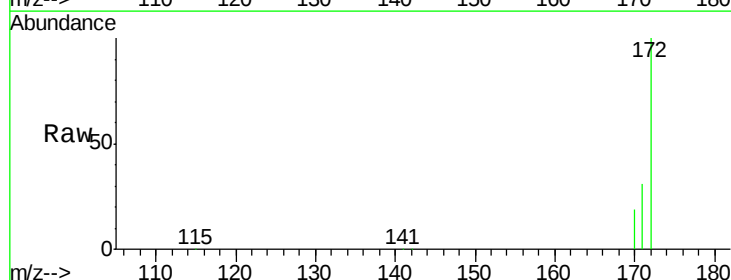


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

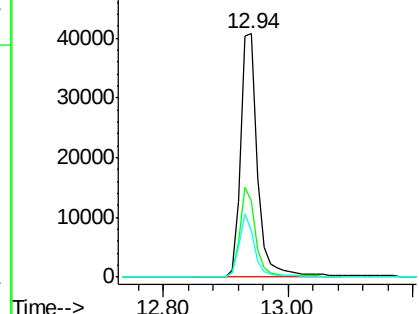
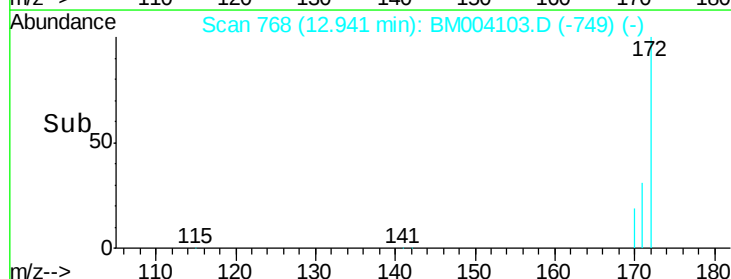


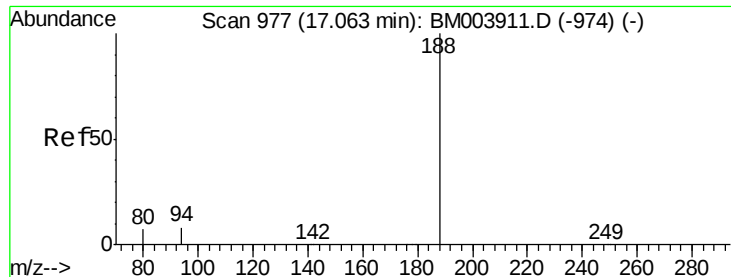
#15
 2-Fluorobiphenyl
 Concen: 3.50 ng
 RT: 12.94 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BM004103.D
 Acq: 21 Jan 2016 17:29

Tgt Ion:172 Resp: 78261
 Ion Ratio Lower Upper
 172 100
 171 31.4 27.0 40.6
 170 19.0 17.9 26.9



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

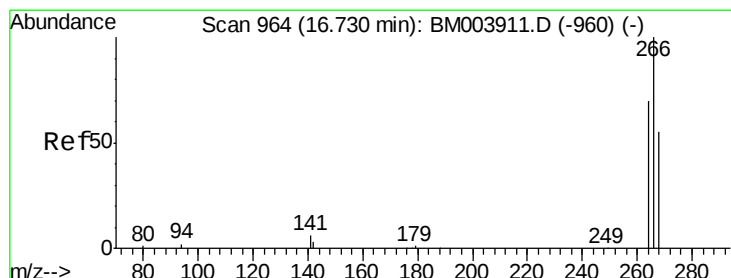
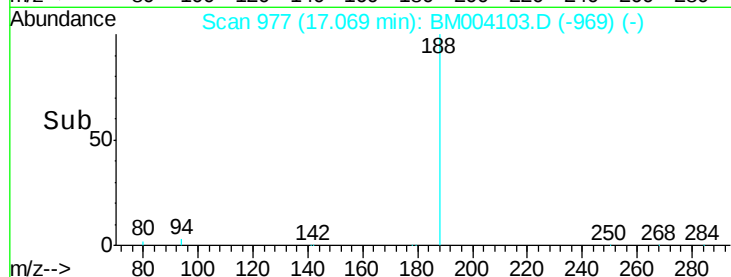
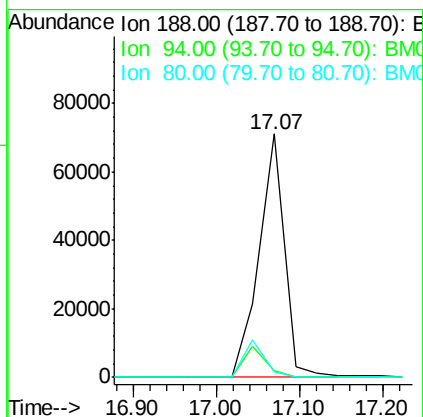
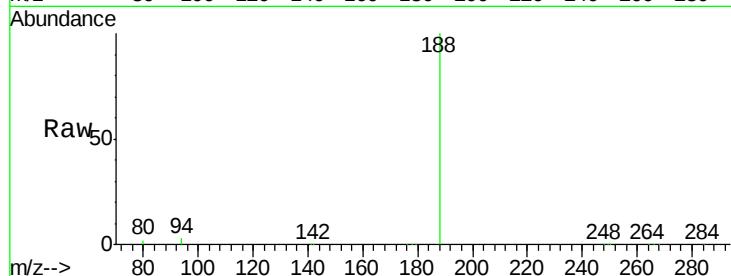




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.07 min Scan# 977
Delta R.T. 0.01 min
Lab File: BM004103.D
Acq: 21 Jan 2016 17:29

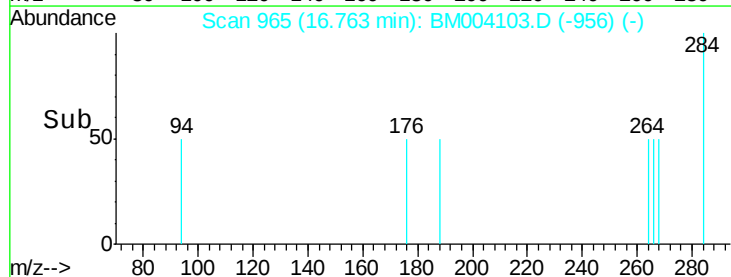
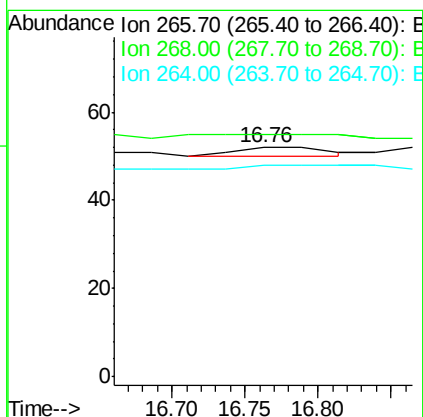
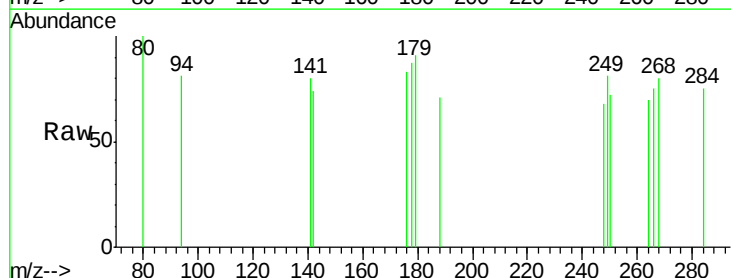
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.2

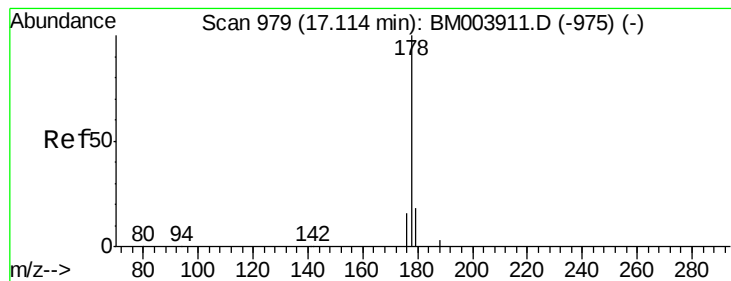
Tgt Ion:188 Resp: 149043
Ion Ratio Lower Upper
188 100
94 2.6 20.3 30.5#
80 2.2 22.2 33.4#



#22
Pentachlorophenol
Concen: 0.12 ng
RT: 16.76 min Scan# 965
Delta R.T. 0.03 min
Lab File: BM004103.D
Acq: 21 Jan 2016 17:29

Tgt Ion:266 Resp: 9
Ion Ratio Lower Upper
266 100
268 105.8 62.7 94.1#
264 92.3 45.7 68.5#





#23

Phenanthrene

Concen: Below Cal

RT: 17.09 min Scan# 978

Delta R.T. -0.02 min

Lab File: BM004103.D

Acq: 21 Jan 2016 17:29

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

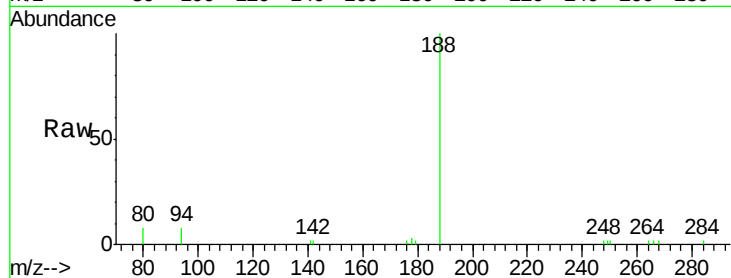
Tgt Ion:178 Resp: 135

Ion Ratio Lower Upper

178 100

176 15.6 15.4 23.0

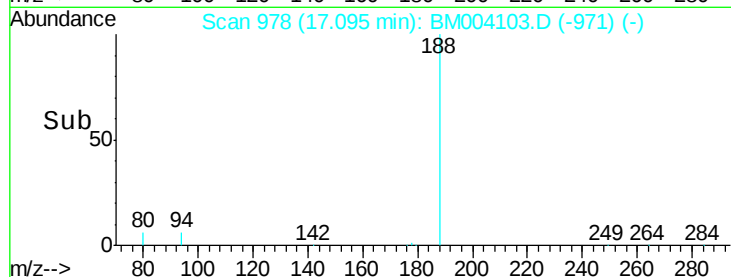
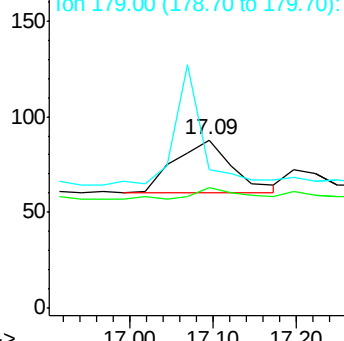
179 0.0 12.2 18.4#



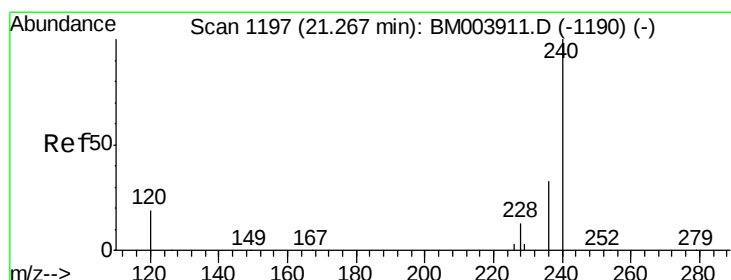
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.28 min Scan# 1197

Delta R.T. 0.01 min

Lab File: BM004103.D

Acq: 21 Jan 2016 17:29

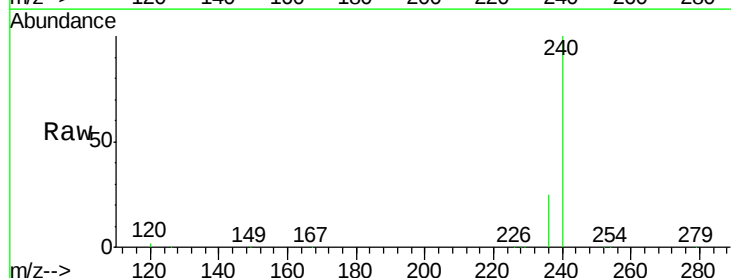
Tgt Ion:240 Resp: 178352

Ion Ratio Lower Upper

240 100

120 2.3 0.9 1.3#

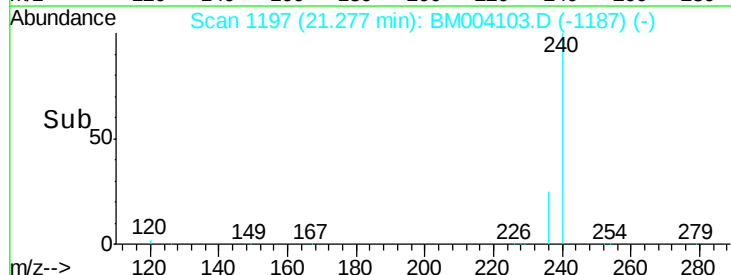
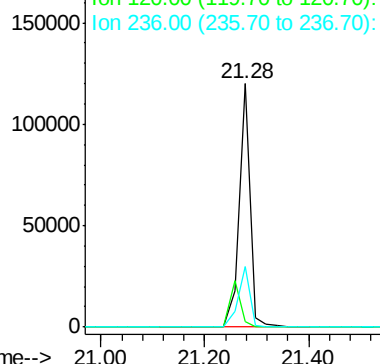
236 24.8 17.3 25.9



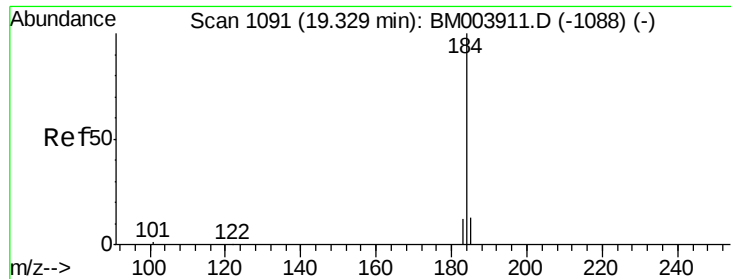
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#27

Benzidine

Concen: 0.27 ng

RT: 19.70 min Scan# 1112

Delta R.T. 0.37 min

Lab File: BM004103.D

Acq: 21 Jan 2016 17:29

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

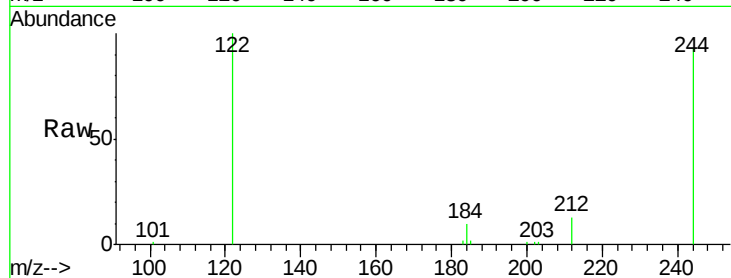
Tgt Ion:184 Resp: 2090

Ion Ratio Lower Upper

184 100

185 17.3 13.2 19.8

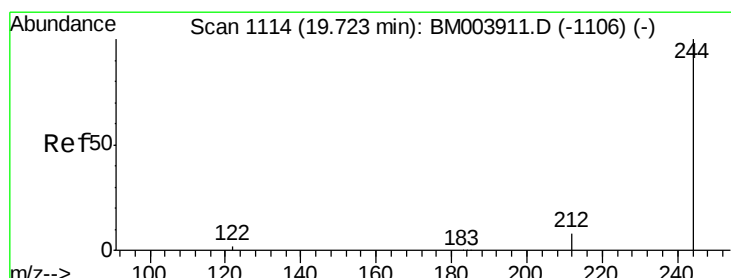
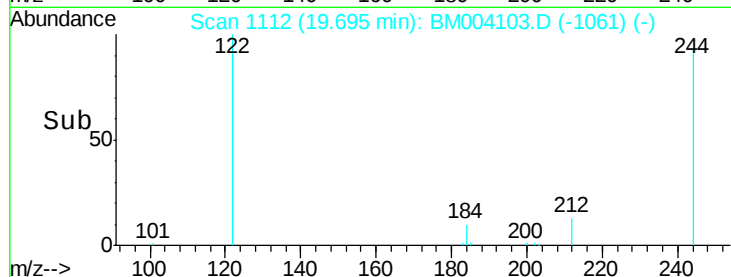
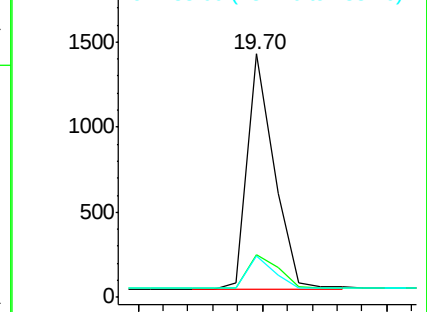
183 17.0 9.0 13.6#



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



#29

Terphenyl-d14

Concen: 3.25 ng

RT: 19.71 min Scan# 1113

Delta R.T. -0.01 min

Lab File: BM004103.D

Acq: 21 Jan 2016 17:29

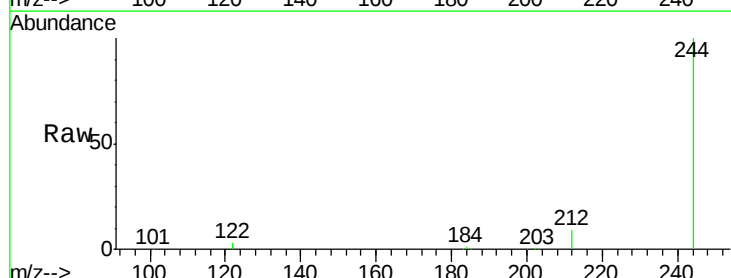
Tgt Ion:244 Resp: 93884

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

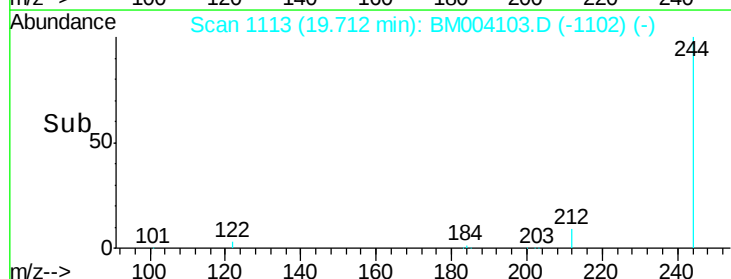
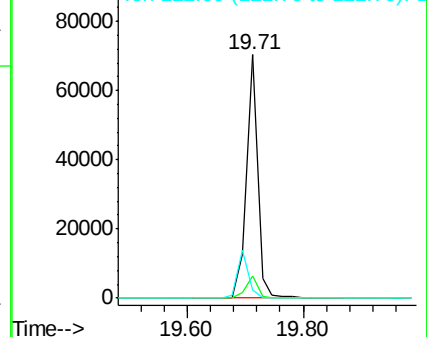
122 3.5 3.0 4.6

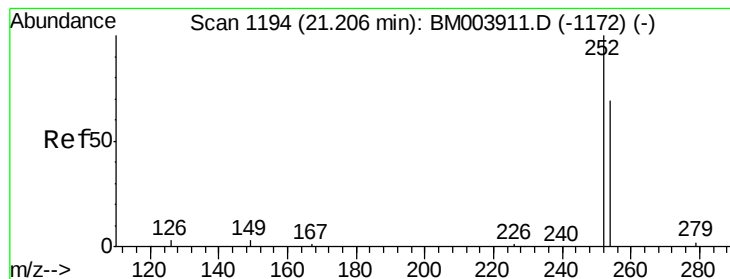


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#31

3,3'-Dichlorobenzidine

Concen: 0.25 ng

RT: 21.22 min Scan# 1194

Delta R.T. 0.01 min

Lab File: BM004103.D

Acq: 21 Jan 2016 17:29

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

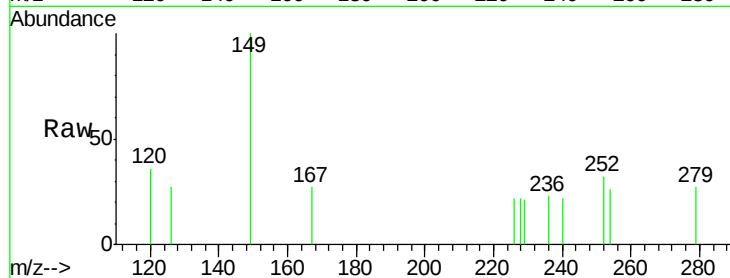
Tgt Ion: 252 Resp: 185

Ion Ratio Lower Upper

252 100

254 81.2 52.6 79.0#

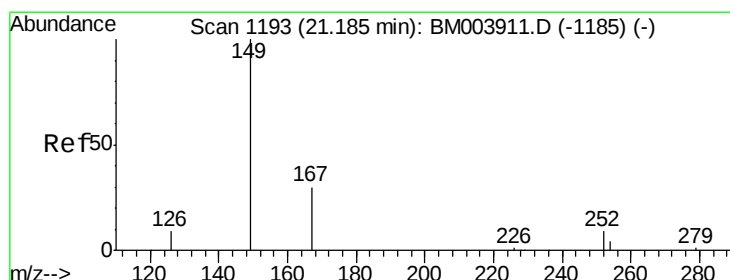
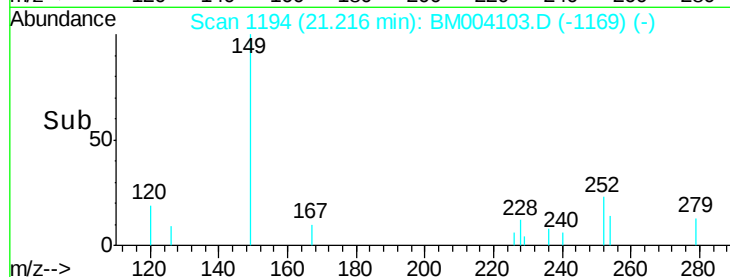
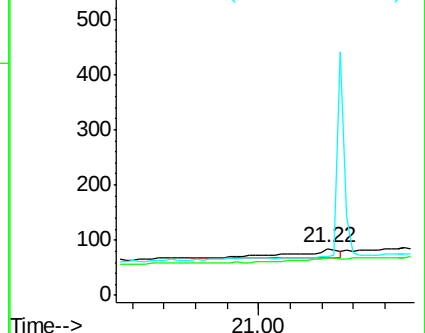
126 83.5 3.7 5.5#



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



#33

Bis(2-ethylhexyl)phthalate

Concen: 0.37 ng

RT: 21.17 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BM004103.D

Acq: 21 Jan 2016 17:29

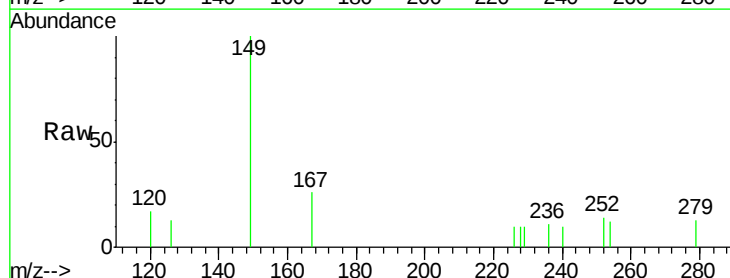
Tgt Ion: 149 Resp: 565

Ion Ratio Lower Upper

149 100

167 20.9 20.1 30.1

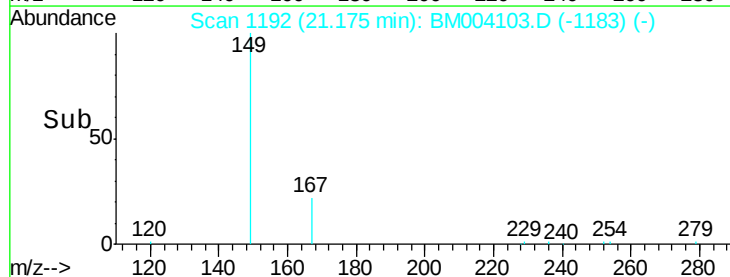
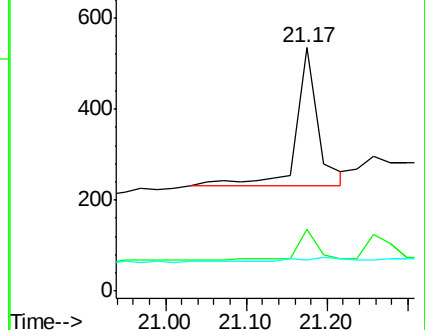
279 0.0 0.0 0.0

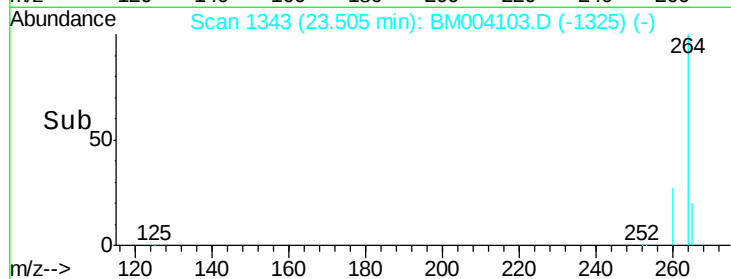
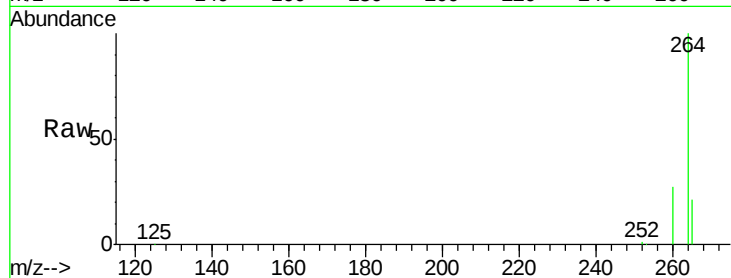
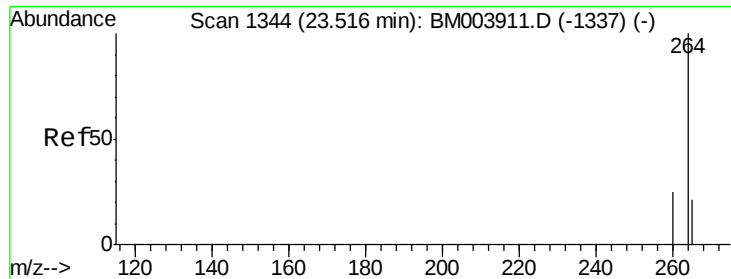


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#35

Perylene-d12

Concen: 5.00 ng

RT: 23.51 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BM004103.D

Acq: 21 Jan 2016 17:29

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.2

Tgt Ion: 264 Resp: 172291

Ion Ratio Lower Upper

264 100

260 26.6 21.2 31.8

265 20.7 16.7 25.1

