

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012216\
 Data File : BM004106.D
 Acq On : 21 Jan 2016 19:17
 Operator : SJ/UM
 Sample : H1186-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC001

Quant Time: Jan 22 01:21:44 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

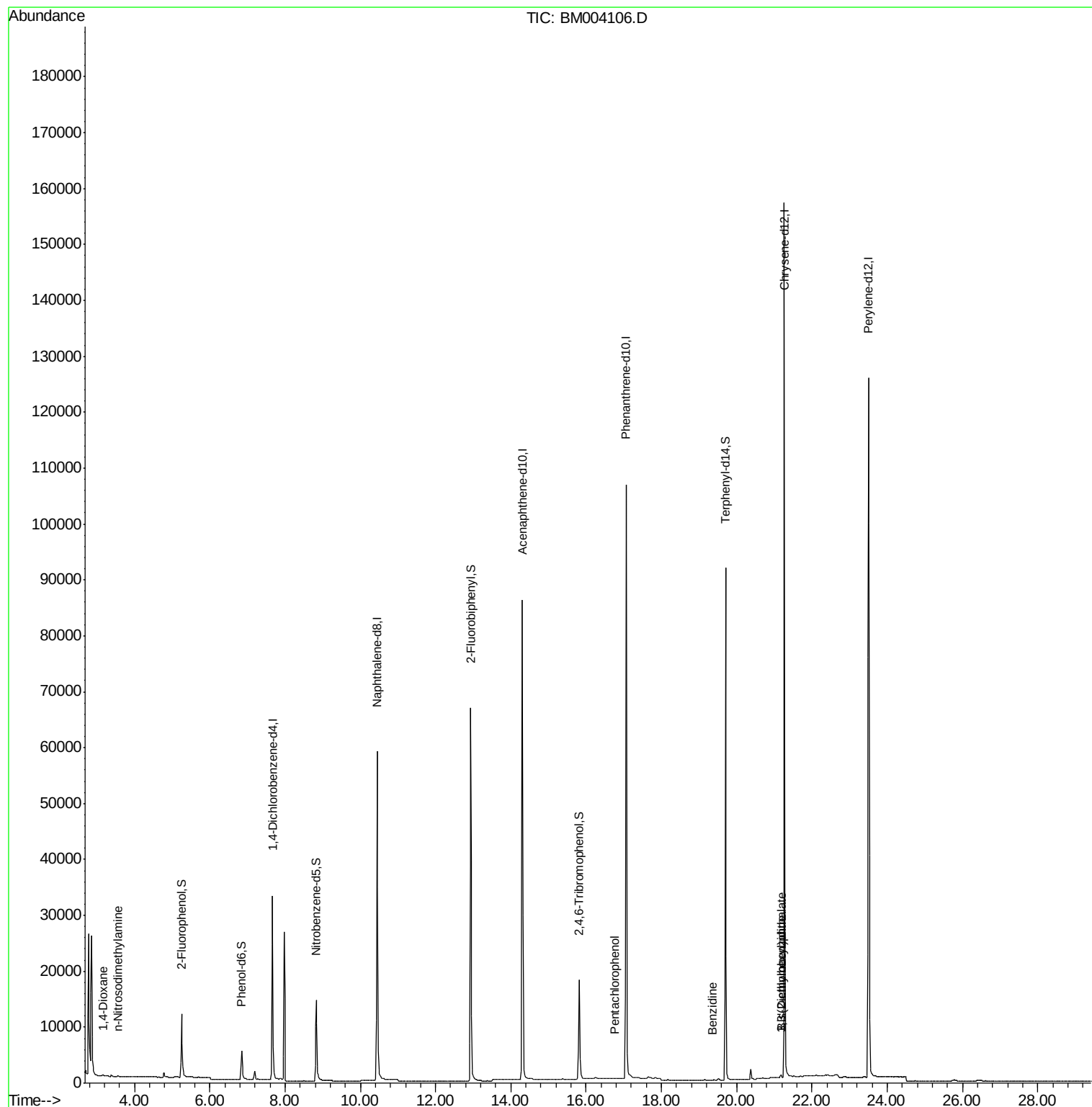
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	21368	5.00	ng	0.00
7) Naphthalene-d8	10.44	136	95369	5.00	ng	-0.02
13) Acenaphthene-d10	14.31	164	57465	5.00	ng	-0.02
19) Phenanthrene-d10	17.06	188	165889	5.00	ng	0.00
26) Chrysene-d12	21.27	240	166898	5.00	ng	0.00
35) Perylene-d12	23.51	264	163255	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	12158	2.78	ng	-0.02
5) Phenol-d6	6.85	99	8065	1.51	ng	0.00
8) Nitrobenzene-d5	8.83	82	16212	3.46	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	13241	7.68	ng	0.00
15) 2-Fluorobiphenyl	12.93	172	69417	3.75	ng	-0.01
29) Terphenyl-d14	19.71	244	102399	3.79	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	275	0.09	ng	# 73
3) n-Nitrosodimethylamine	3.55	42	45	0.02	ng	# 1
22) Pentachlorophenol	16.76	266	26	0.14	ng	# 63
23) Phenanthrene	17.09	178	373	Below Cal		# 83
27) Benzidine	19.36	184	104	0.13	ng	# 1
31) 3,3'-Dichlorobenzidine	21.21	252	80	0.24	ng	# 67
33) Bis(2-ethylhexyl)phthalate	21.19	149	923	0.38	ng	# 97

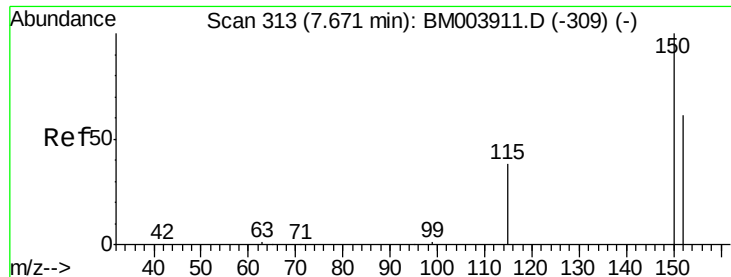
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 22 01:21:44 2016
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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: BM004106.D

Acq: 21 Jan 2016 19:17

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

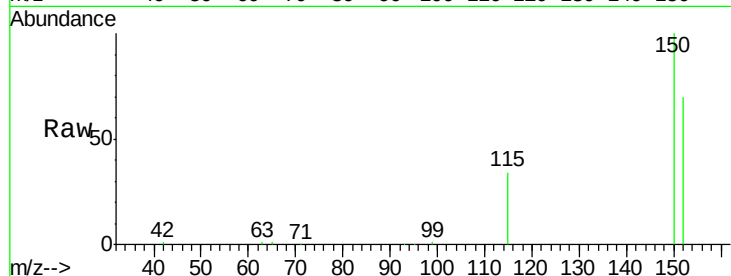
Tgt Ion:152 Resp: 21368

Ion Ratio Lower Upper

152 100

150 142.3 122.9 184.3

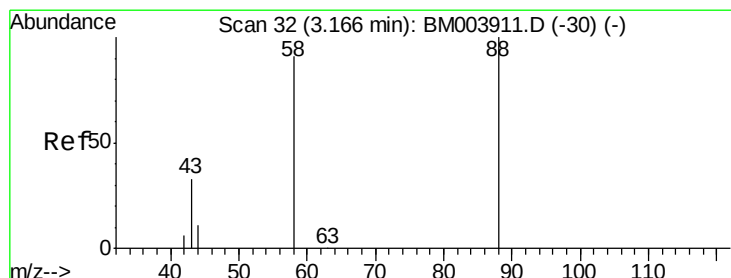
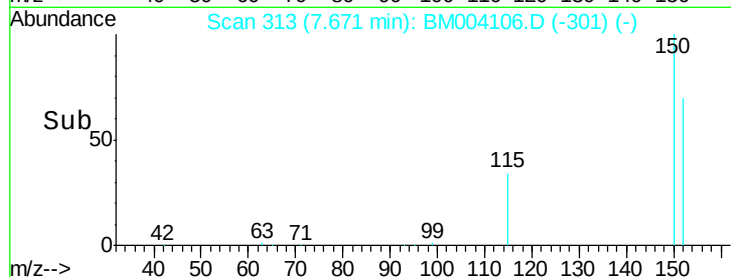
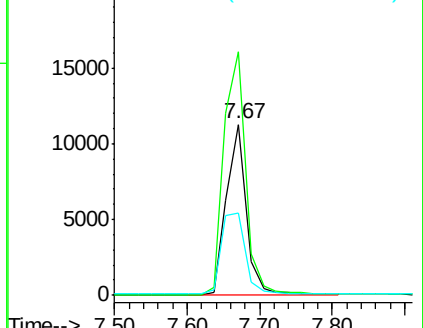
115 48.3 44.4 66.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.09 ng

RT: 3.17 min Scan# 32

Delta R.T. 0.00 min

Lab File: BM004106.D

Acq: 21 Jan 2016 19:17

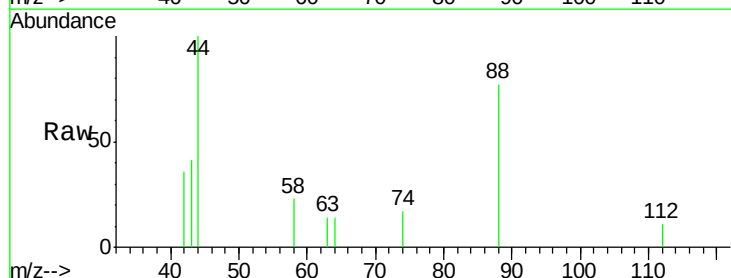
Tgt Ion: 88 Resp: 275

Ion Ratio Lower Upper

88 100

58 36.7 53.8 80.6#

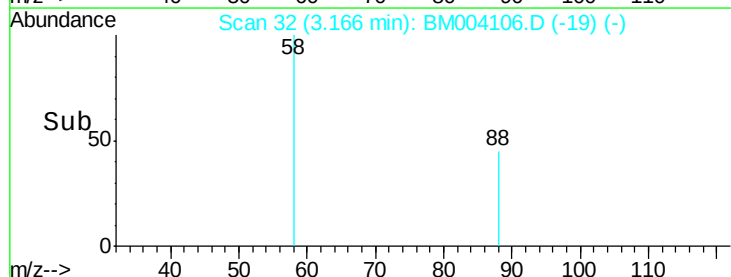
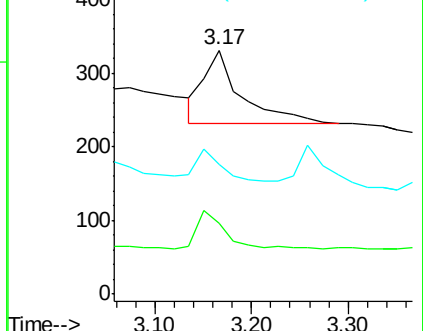
43 28.7 23.8 35.6

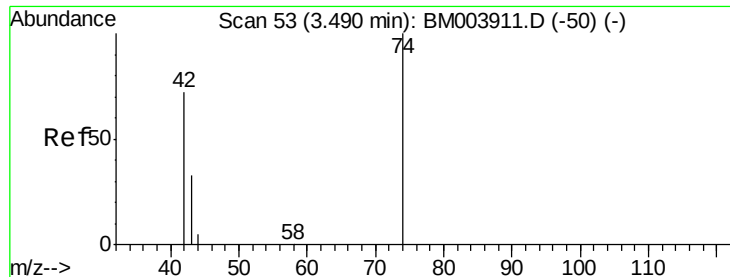


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.02 ng

RT: 3.55 min Scan# 57

Delta R.T. 0.06 min

Lab File: BM004106.D

Acq: 21 Jan 2016 19:17

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

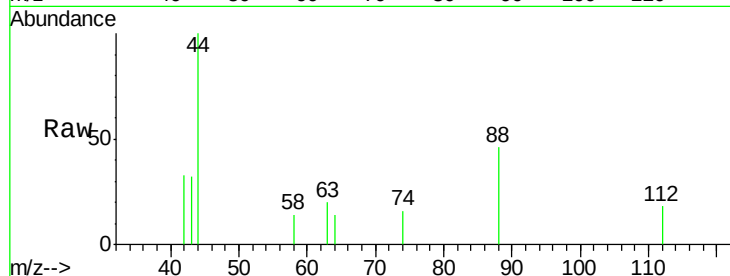
Tgt Ion: 42 Resp: 45

Ion Ratio Lower Upper

42 100

74 0.0 95.0 142.4#

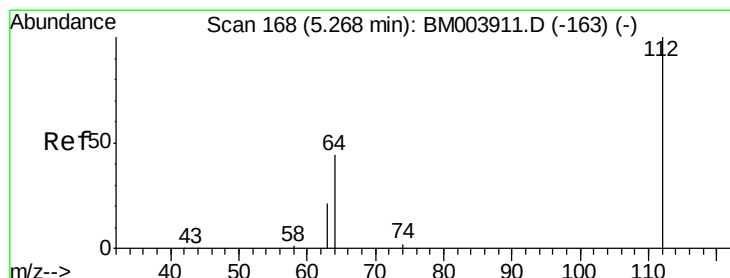
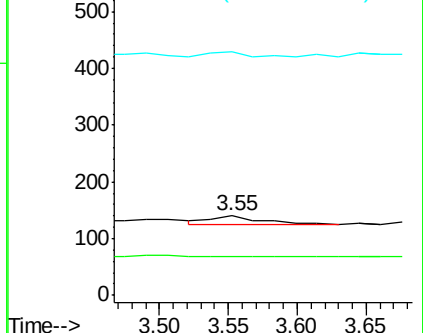
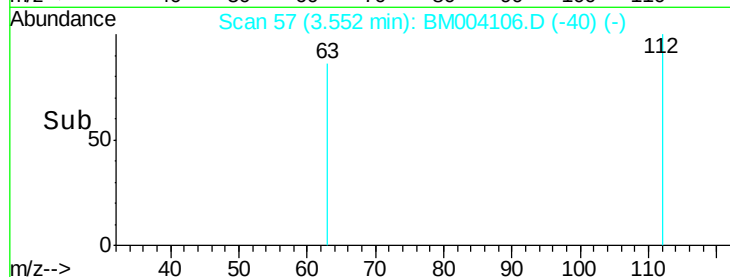
44 31.1 5.1 7.7#



Abundance Ion 42.00 (41.70 to 42.70): BM004106.D (-50) (-)

Ion 74.00 (73.70 to 74.70): BM004106.D (-50) (-)

Ion 44.00 (43.70 to 44.70): BM004106.D (-50) (-)



#4

2-Fluorophenol

Concen: 2.78 ng

RT: 5.25 min Scan# 167

Delta R.T. -0.02 min

Lab File: BM004106.D

Acq: 21 Jan 2016 19:17

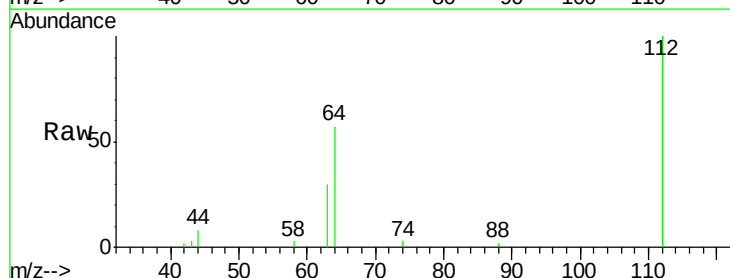
Tgt Ion: 112 Resp: 12158

Ion Ratio Lower Upper

112 100

64 51.9 41.8 62.8

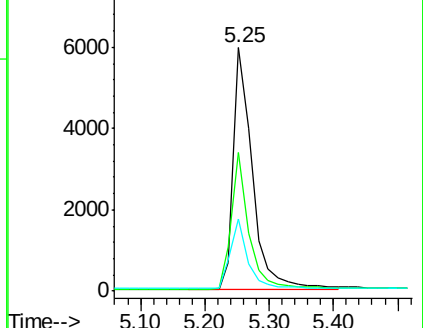
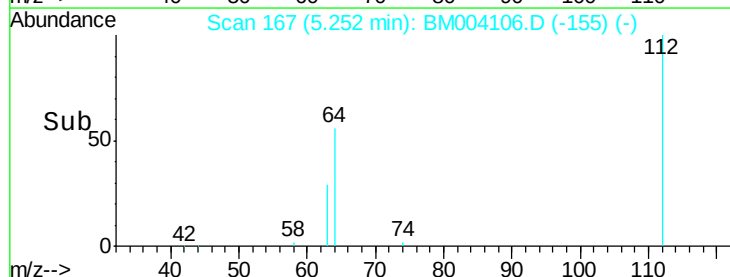
63 27.2 22.1 33.1

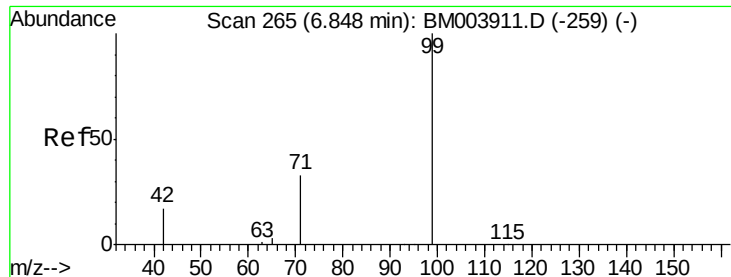


Abundance Ion 112.00 (111.70 to 112.70): BM004106.D (-155) (-)

Ion 64.00 (63.70 to 64.70): BM004106.D (-155) (-)

Ion 63.00 (62.70 to 63.70): BM004106.D (-155) (-)





#5

Phenol-d6

Concen: 1.51 ng

RT: 6.85 min Scan# 265

Delta R.T. 0.00 min

Lab File: BM004106.D

Acq: 21 Jan 2016 19:17

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

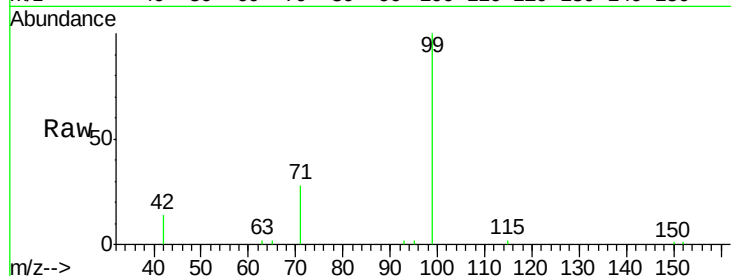
Tgt Ion: 99 Resp: 8065

Ion Ratio Lower Upper

99 100

42 17.9 16.2 24.2

71 30.8 24.4 36.6

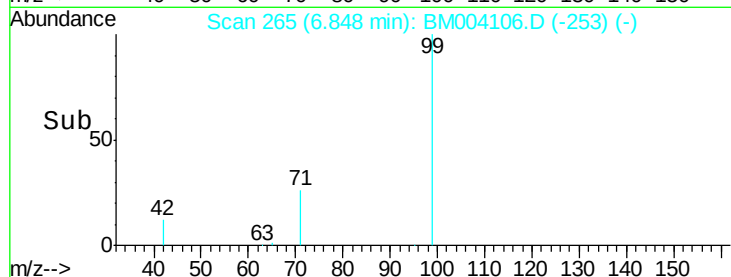


Abundance Ion 99.00 (98.70 to 99.70): BM003911.D (-259) (-)

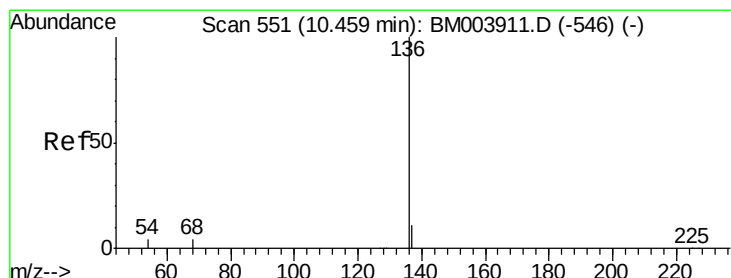
Ion 42.00 (41.70 to 42.70): BM003911.D (-259) (-)

Ion 71.00 (70.70 to 71.70): BM003911.D (-259) (-)

6.85



Time-->



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.44 min Scan# 550

Delta R.T. -0.02 min

Lab File: BM004106.D

Acq: 21 Jan 2016 19:17

Tgt Ion: 136 Resp: 95369

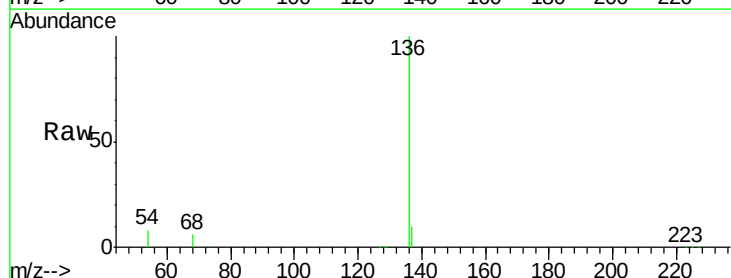
Ion Ratio Lower Upper

136 100

137 10.3 9.2 13.8

54 7.7 2.8 4.2#

68 5.8 2.5 3.7#



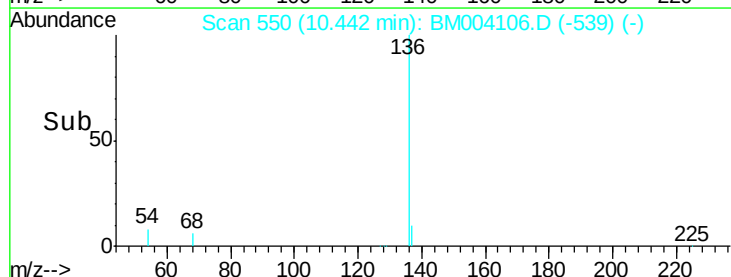
Abundance Ion 136.00 (135.70 to 136.70): BM003911.D (-546) (-)

Ion 137.00 (136.70 to 137.70): BM003911.D (-546) (-)

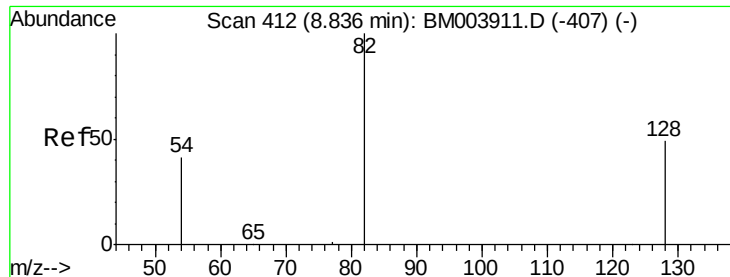
Ion 54.00 (53.70 to 54.70): BM003911.D (-546) (-)

Ion 68.00 (67.70 to 68.70): BM003911.D (-546) (-)

10.44



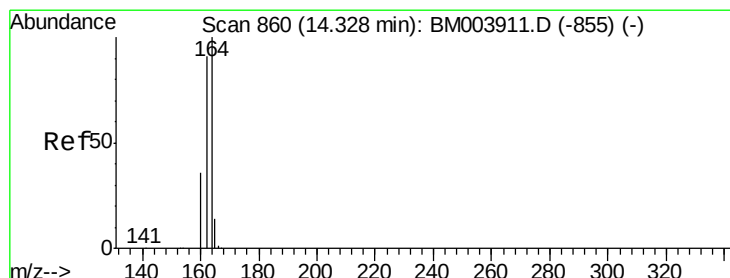
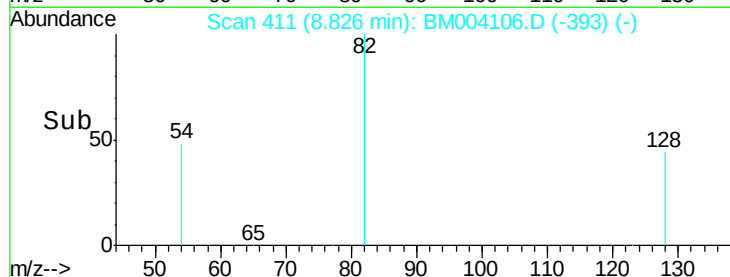
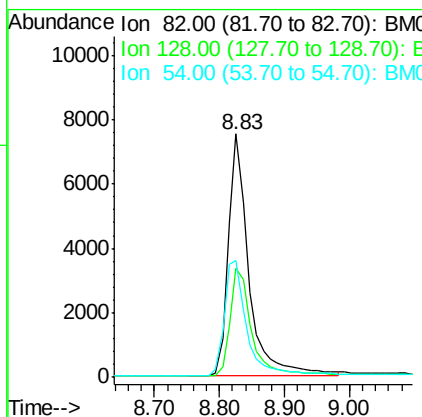
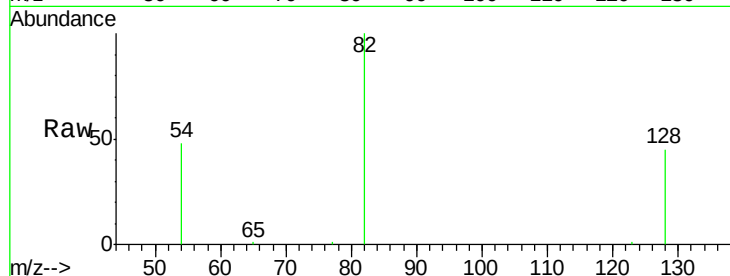
Time-->



#8
 Nitrobenzene-d5
 Concen: 3.46 ng
 RT: 8.83 min Scan# 411
 Delta R.T. -0.01 min
 Lab File: BM004106.D
 Acq: 21 Jan 2016 19:17

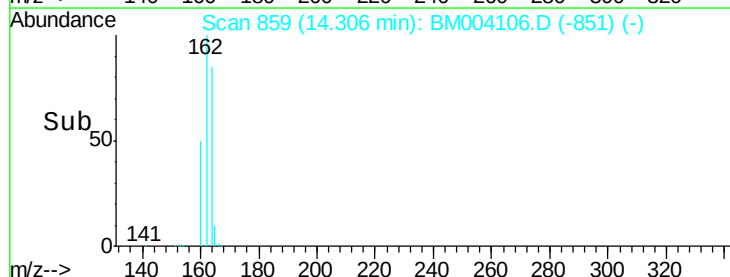
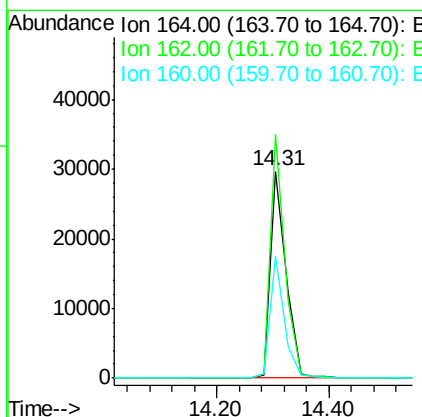
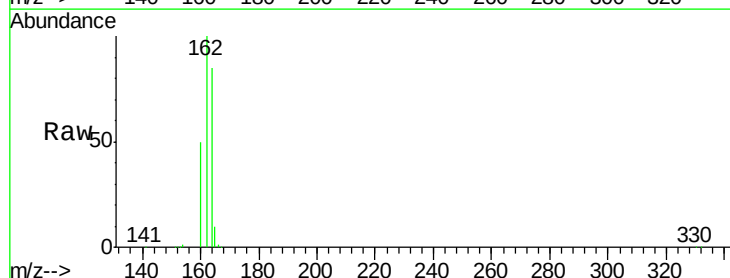
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC001

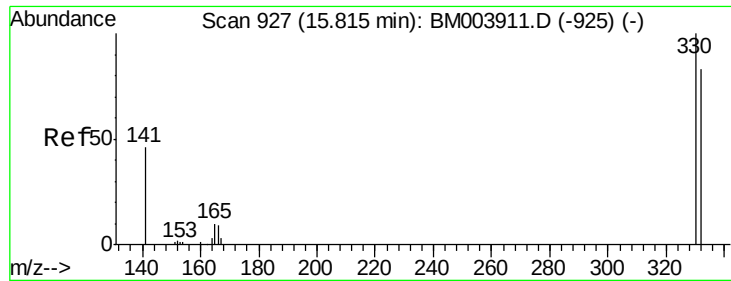
Tgt Ion: 82 Resp: 16212
 Ion Ratio Lower Upper
 82 100
 128 44.7 39.1 58.7
 54 48.1 34.8 52.2



#13
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.31 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: BM004106.D
 Acq: 21 Jan 2016 19:17

Tgt Ion: 164 Resp: 57465
 Ion Ratio Lower Upper
 164 100
 162 117.6 86.0 129.0
 160 58.8 40.3 60.5

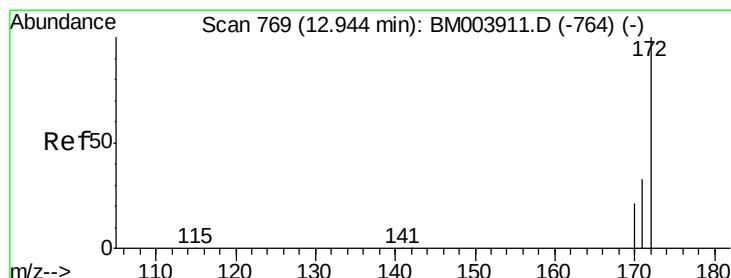
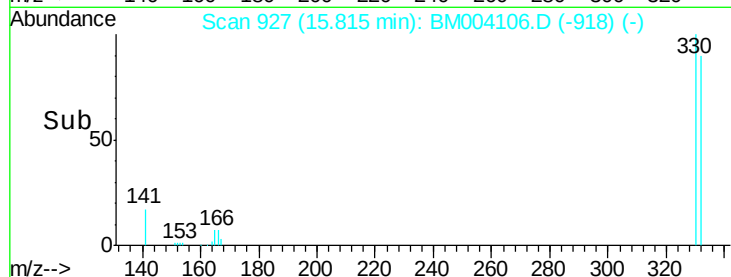
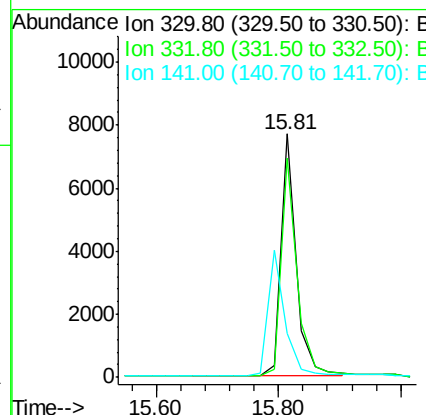
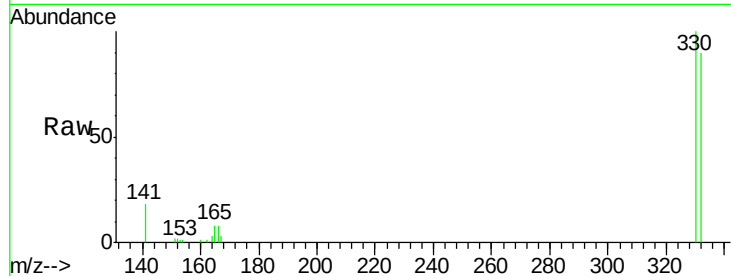




#14
 2,4,6-Tribromophenol
 Concen: 7.68 ng
 RT: 15.81 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: BM004106.D
 Acq: 21 Jan 2016 19:17

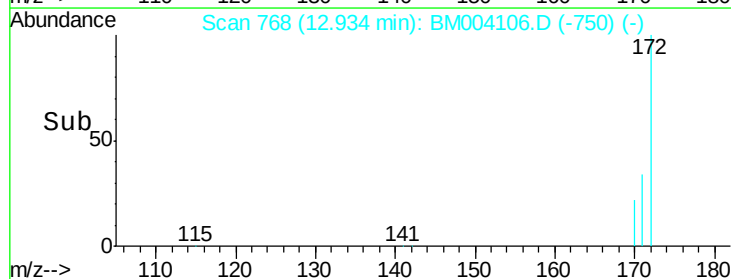
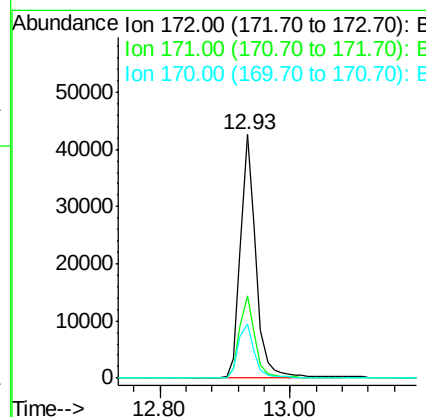
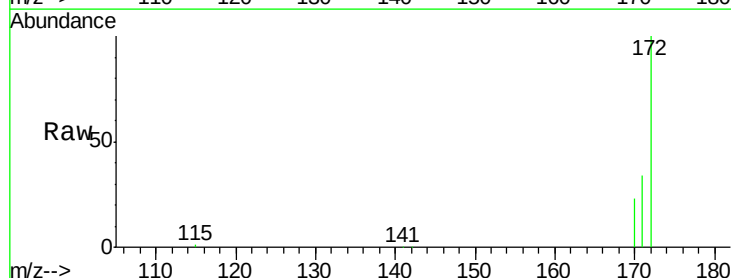
Instrument :
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 ClientSampleId :
 SSTDICC001

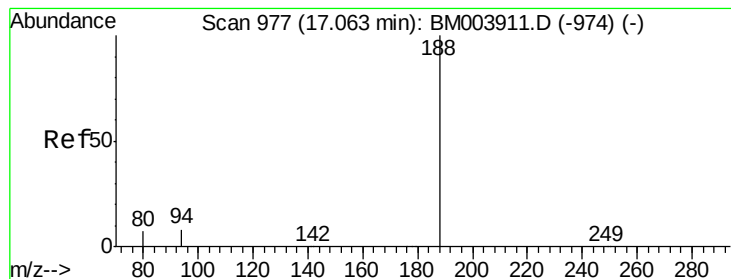
Tgt Ion:330 Resp: 13241
 Ion Ratio Lower Upper
 330 100
 332 93.9 79.0 118.4
 141 0.0 0.0 0.0



#15
 2-Fluorobiphenyl
 Concen: 3.75 ng
 RT: 12.93 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BM004106.D
 Acq: 21 Jan 2016 19:17

Tgt Ion:172 Resp: 69417
 Ion Ratio Lower Upper
 172 100
 171 34.1 27.0 40.6
 170 22.5 17.9 26.9





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.06 min Scan# 977

Delta R.T. 0.00 min

Lab File: BM004106.D

Acq: 21 Jan 2016 19:17

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

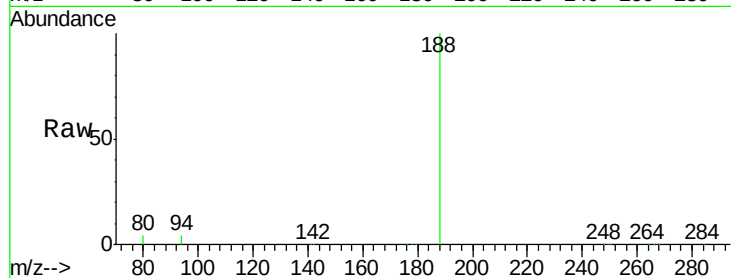
Tgt Ion:188 Resp: 165889

Ion Ratio Lower Upper

188 100

94 4.3 20.3 30.5#

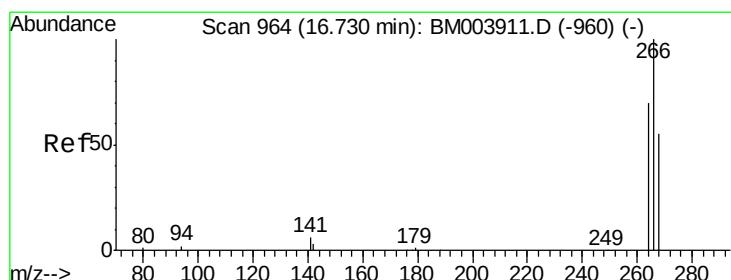
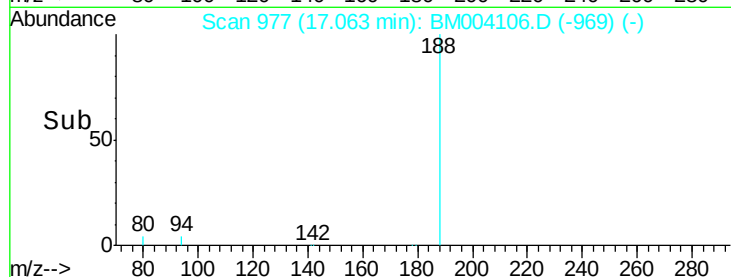
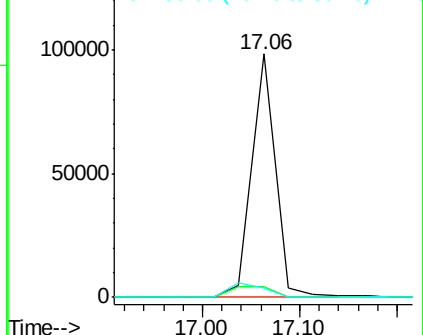
80 3.6 22.2 33.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#22

Pentachlorophenol

Concen: 0.14 ng

RT: 16.76 min Scan# 965

Delta R.T. 0.03 min

Lab File: BM004106.D

Acq: 21 Jan 2016 19:17

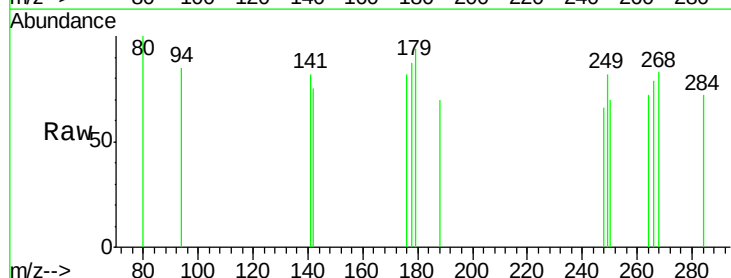
Tgt Ion:266 Resp: 26

Ion Ratio Lower Upper

266 100

268 105.4 62.7 94.1#

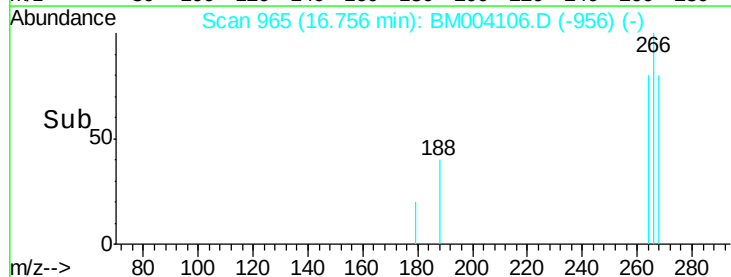
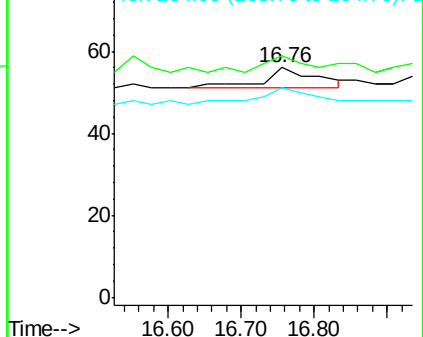
264 91.1 45.7 68.5#

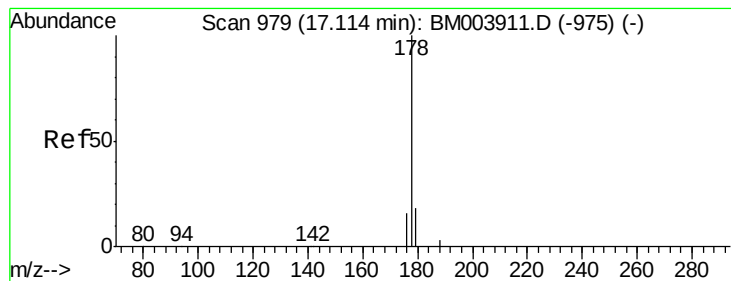


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: Below Cal

RT: 17.09 min Scan# 978

Delta R.T. -0.02 min

Lab File: BM004106.D

Acq: 21 Jan 2016 19:17

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

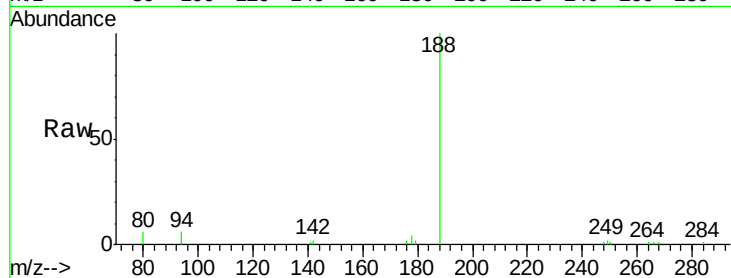
Tgt Ion:178 Resp: 373

Ion Ratio Lower Upper

178 100

176 18.5 15.4 23.0

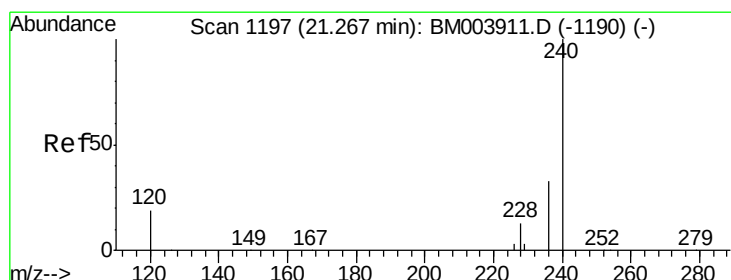
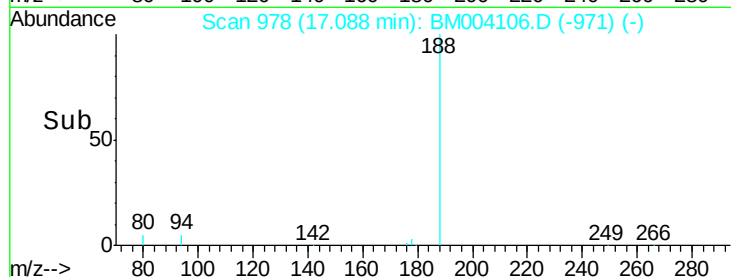
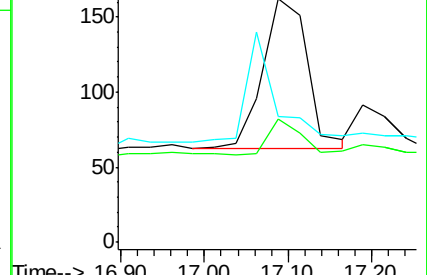
179 0.0 12.2 18.4#



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



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.27 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BM004106.D

Acq: 21 Jan 2016 19:17

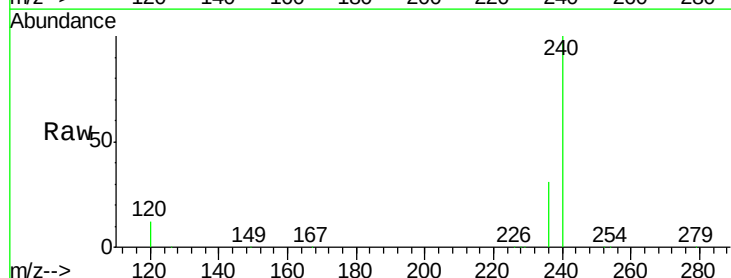
Tgt Ion:240 Resp: 166898

Ion Ratio Lower Upper

240 100

120 12.0 0.9 1.3#

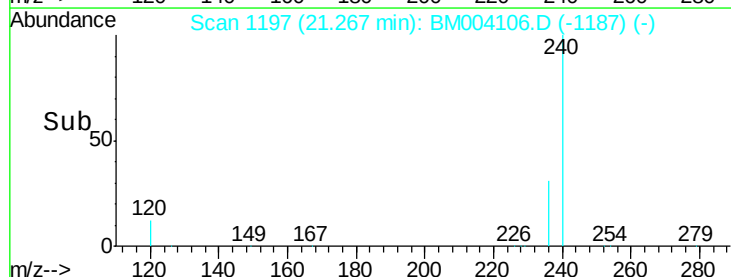
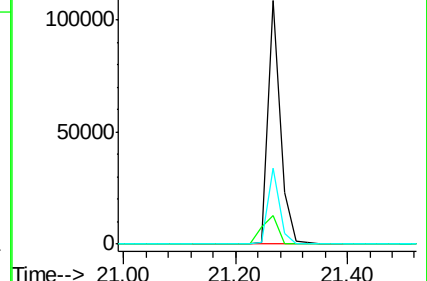
236 31.0 17.3 25.9#

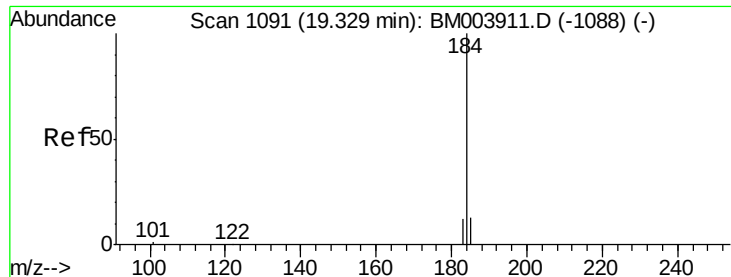


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.13 ng

RT: 19.36 min Scan# 1093

Delta R.T. 0.03 min

Lab File: BM004106.D

Acq: 21 Jan 2016 19:17

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

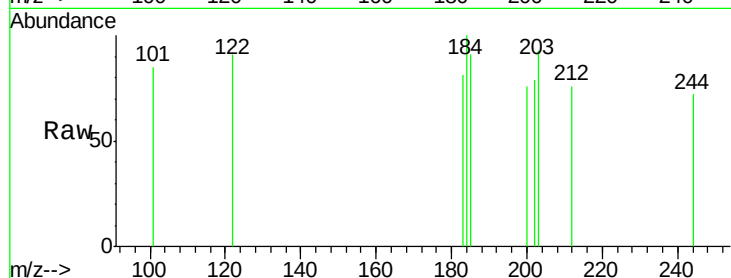
Tgt Ion:184 Resp: 104

Ion Ratio Lower Upper

184 100

185 91.0 13.2 19.8#

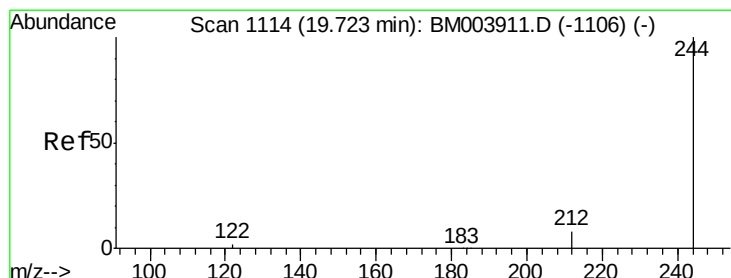
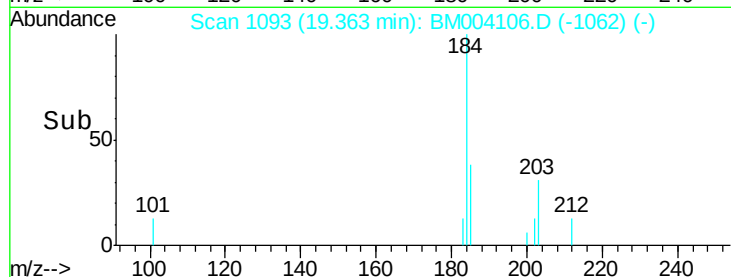
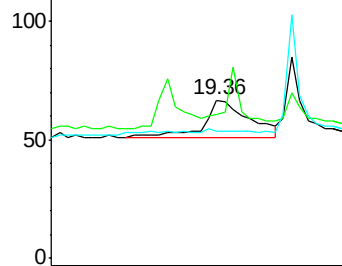
183 80.6 9.0 13.6#



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: 3.79 ng

RT: 19.71 min Scan# 1113

Delta R.T. -0.02 min

Lab File: BM004106.D

Acq: 21 Jan 2016 19:17

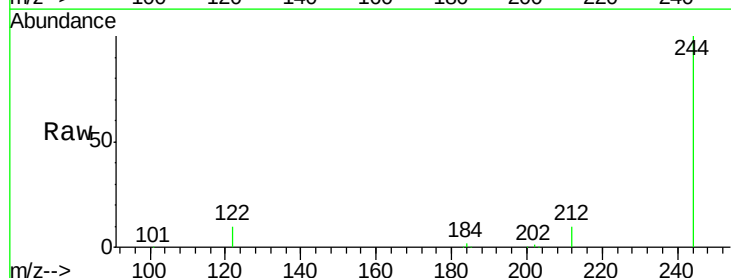
Tgt Ion:244 Resp: 102399

Ion Ratio Lower Upper

244 100

212 10.4 7.0 10.6

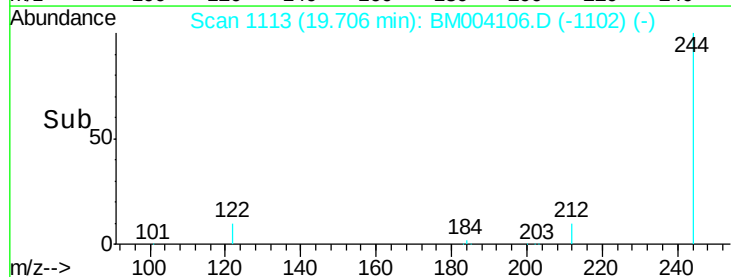
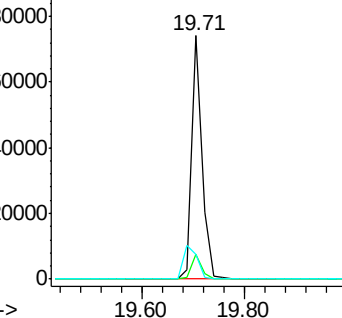
122 10.0 3.0 4.6#

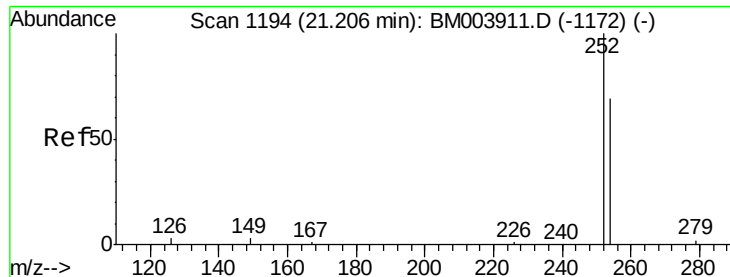


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

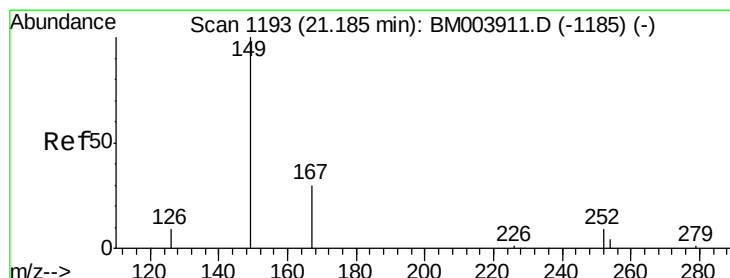
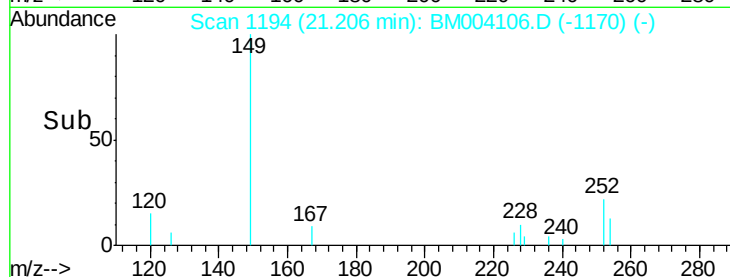
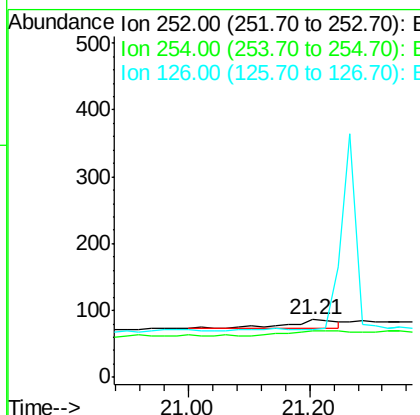
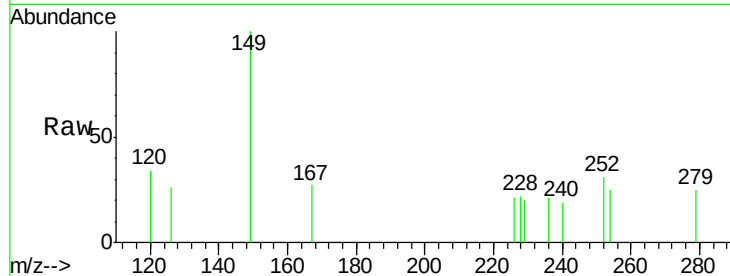




#31
 3,3'-Dichlorobenzidine
 Concen: 0.24 ng
 RT: 21.21 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BM004106.D
 Acq: 21 Jan 2016 19:17

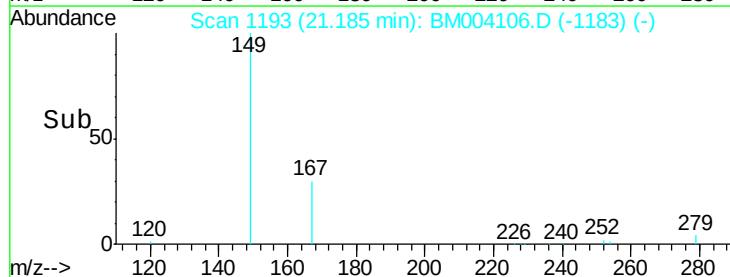
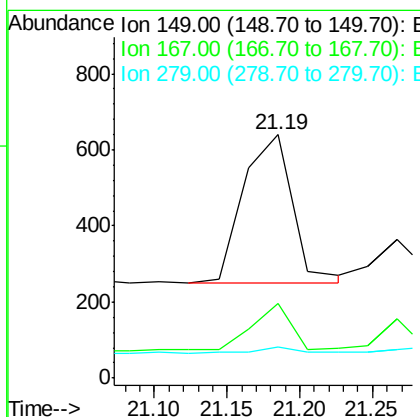
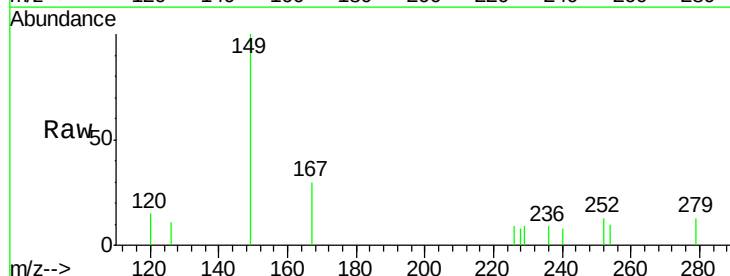
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC001

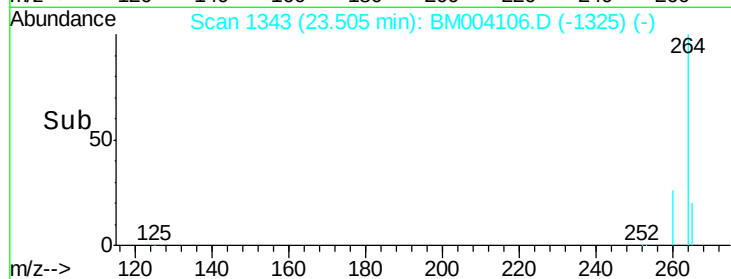
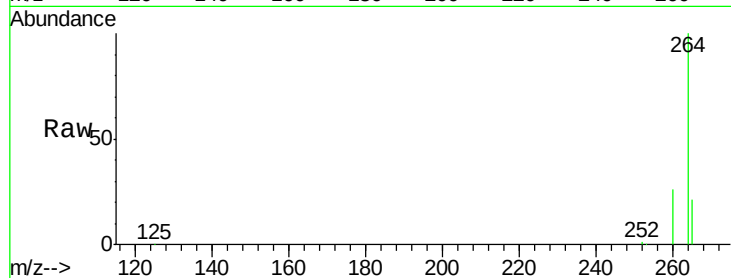
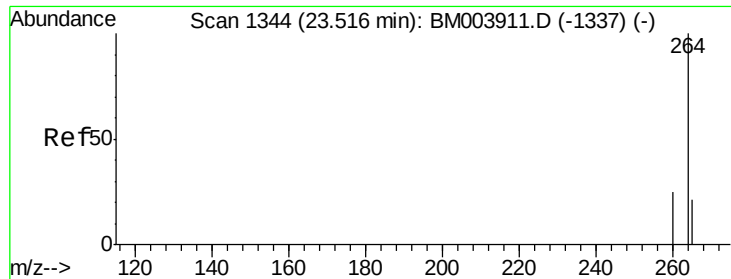
Tgt Ion: 252 Resp: 80
 Ion Ratio Lower Upper
 252 100
 254 80.2 52.6 79.0#
 126 83.7 3.7 5.5#



#33
 Bis(2-ethylhexyl)phthalate
 Concen: 0.38 ng
 RT: 21.19 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BM004106.D
 Acq: 21 Jan 2016 19:17

Tgt Ion: 149 Resp: 923
 Ion Ratio Lower Upper
 149 100
 167 26.4 20.1 30.1
 279 3.3 0.0 0.0#





#35

Perylene-d12

Concen: 5.00 ng

RT: 23.51 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BM004106.D

Acq: 21 Jan 2016 19:17

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

Tgt Ion: 264 Resp: 163255

Ion Ratio Lower Upper

264 100

260 26.1 21.2 31.8

265 20.9 16.7 25.1

