

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012716\
 Data File : BM004137.D
 Acq On : 27 Jan 2016 16:49
 Operator : SJ/IZ
 Sample : H1249-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 KY038PS038-16025

Quant Time: Jan 27 23:59:28 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM012216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 22 14:46:41 2016
 Response via : Initial Calibration

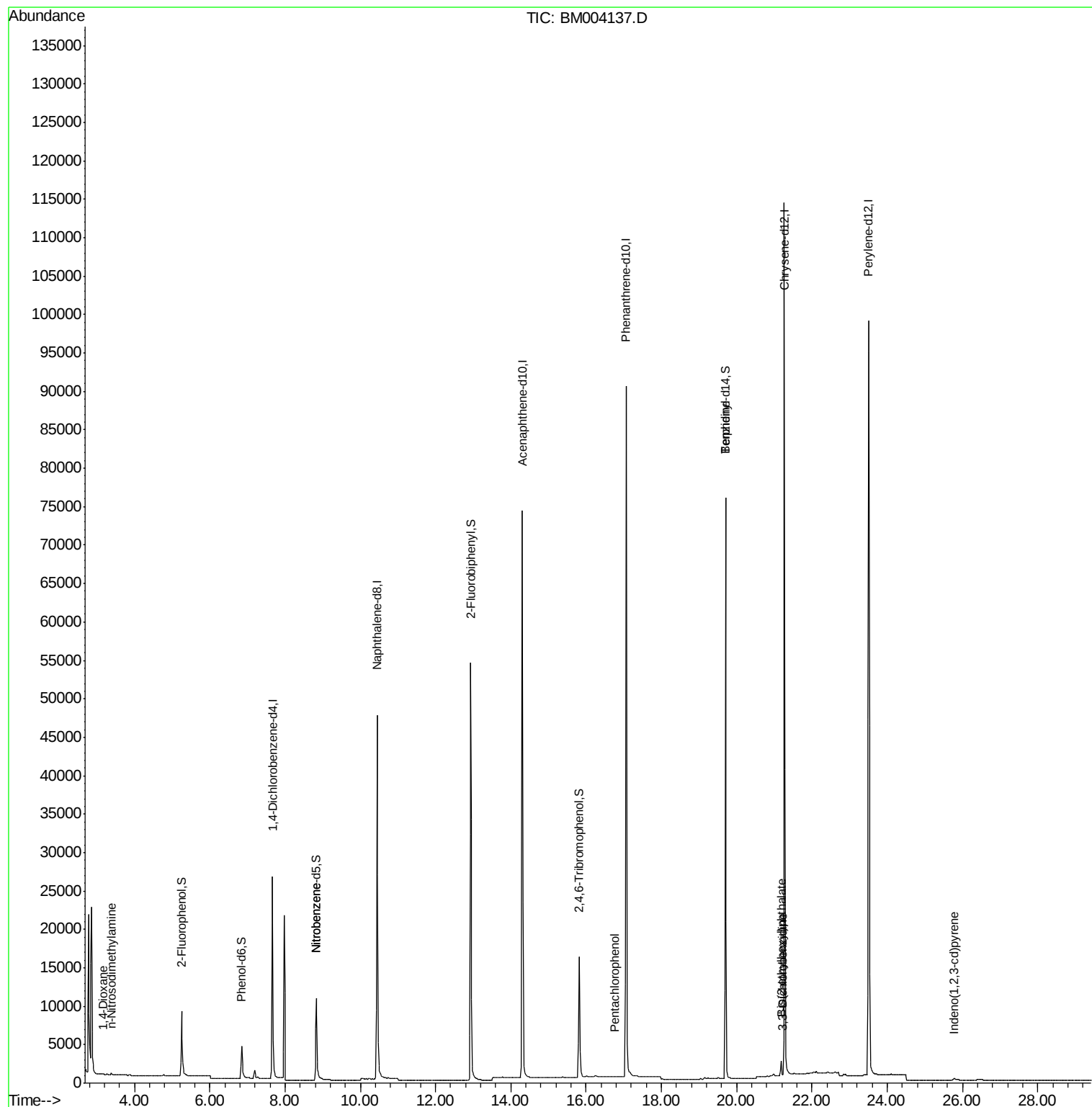
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	17715	5.00	ng	0.00
7) Naphthalene-d8	10.44	136	77044	5.00	ng	0.00
13) Acenaphthene-d10	14.31	164	48803	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	140804	5.00	ng	0.00
26) Chrysene-d12	21.27	240	135328	5.00	ng	0.00
35) Perylene-d12	23.51	264	135477	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	9505	2.57	ng	-0.02
5) Phenol-d6	6.85	99	6620	1.48	ng	0.00
8) Nitrobenzene-d5	8.83	82	12878	3.82	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	11870	6.26	ng	0.00
15) 2-Fluorobiphenyl	12.93	172	58920	3.94	ng	0.00
29) Terphenyl-d14	19.71	244	85580	4.97	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.17	88	203	0.04	ng	# 68
3) n-Nitrosodimethylamine	3.38	42	75	0.05	ng	# 1
9) Nitrobenzene	8.83	77	53	0.23	ng	# 33
22) Pentachlorophenol	16.76	266	9	0.23	ng	# 64
23) Phenanthrene	17.09	178	397	Below Cal		# 78
27) Benzidine	19.71	184	1922	0.43	ng	# 84
28) Pyrene	19.52	202	271	Below Cal		# 87
30) Benzo(a)anthracene	21.27	228	999	Below Cal		# 87
31) 3,3'-Dichlorobenzidine	21.23	252	36	0.02	ng	# 59
32) Chrysene	21.27	228	1015	Below Cal		# 76
33) Bis(2-ethylhexyl)phthalate	21.19	149	2421	0.22	ng	# 97
34) Indeno(1,2,3-cd)pyrene	25.78	276	277	0.03	ng	92

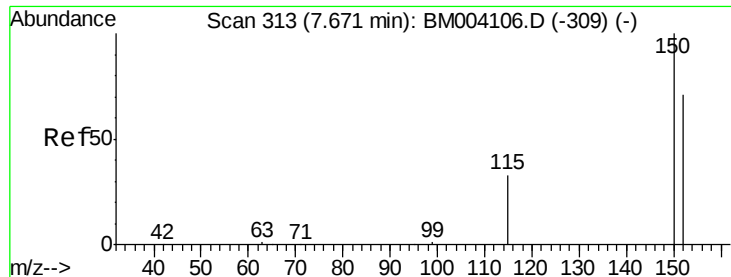
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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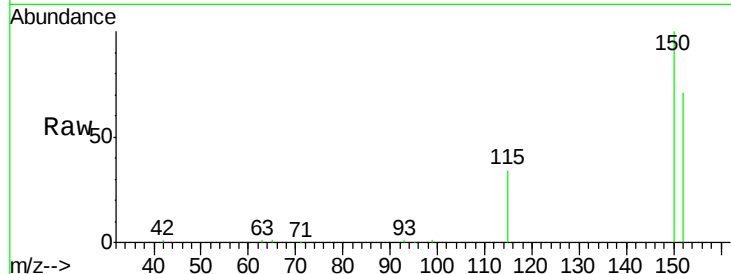


#1

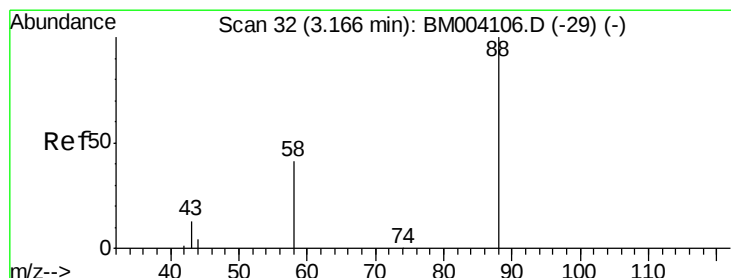
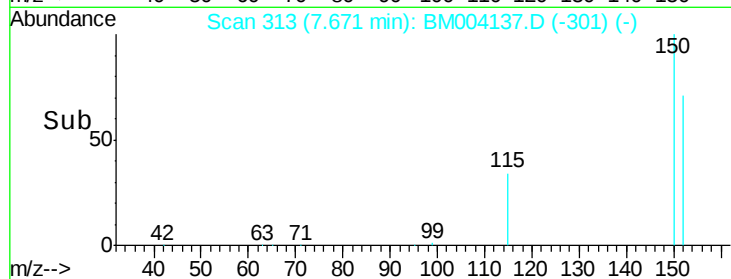
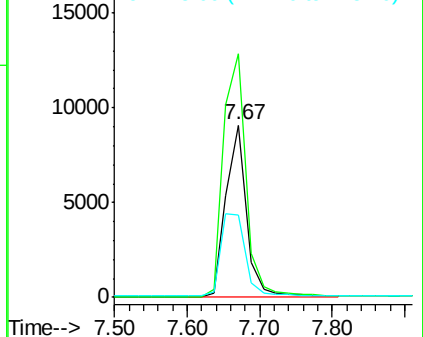
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.67 min Scan# 313
Delta R.T. -0.00 min
Lab File: BM004137.D
Acq: 27 Jan 2016 16:49

Instrument :
BNA_M
ClientSampleId :
KY038PS038-16025

Tgt Ion: 152 Resp: 17715
Ion Ratio Lower Upper
152 100
150 141.4 122.9 184.3
115 48.0 44.4 66.6



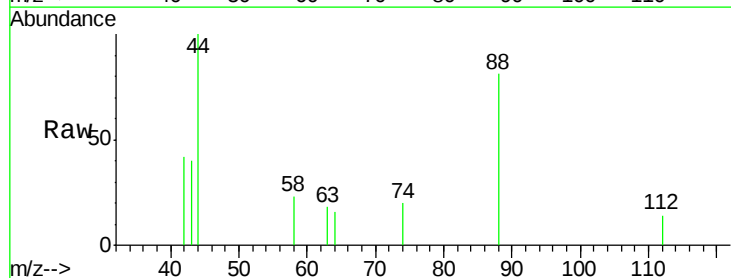
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



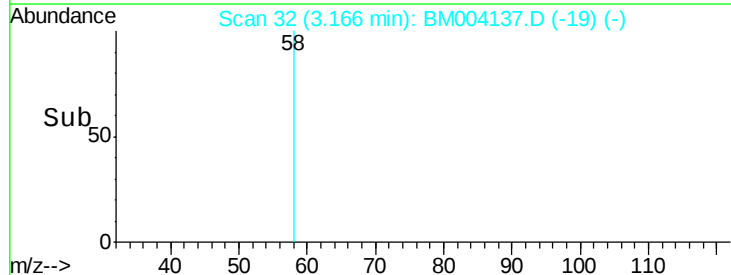
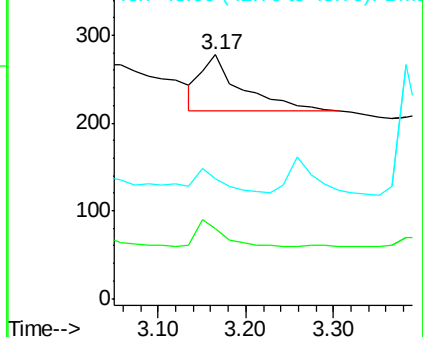
#2

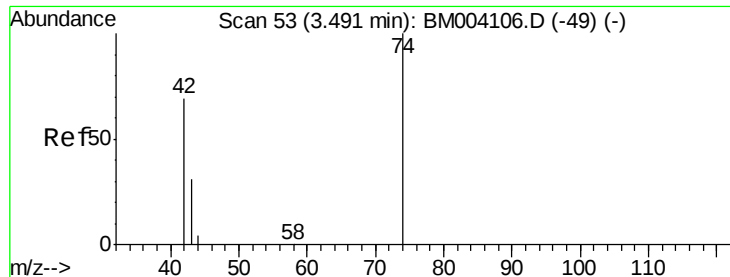
1,4-Dioxane
Concen: 0.04 ng
RT: 3.17 min Scan# 32
Delta R.T. -0.00 min
Lab File: BM004137.D
Acq: 27 Jan 2016 16:49

Tgt Ion: 88 Resp: 203
Ion Ratio Lower Upper
88 100
58 31.0 53.8 80.6#
43 31.5 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: 0.05 ng

RT: 3.38 min Scan# 46

Delta R.T. -0.11 min

Lab File: BM004137.D

Acq: 27 Jan 2016 16:49

Instrument :

BNA_M

ClientSampleId :

KY038PS038-16025

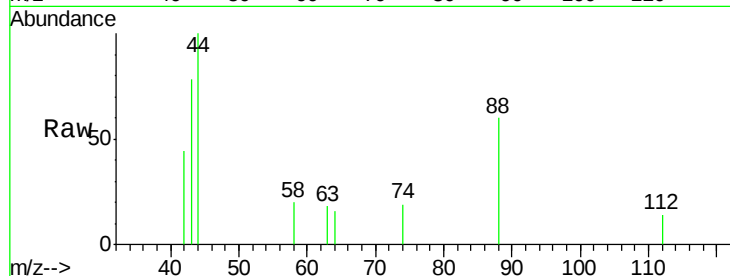
Tgt Ion: 42 Resp: 75

Ion Ratio Lower Upper

42 100

74 0.0 95.0 142.4#

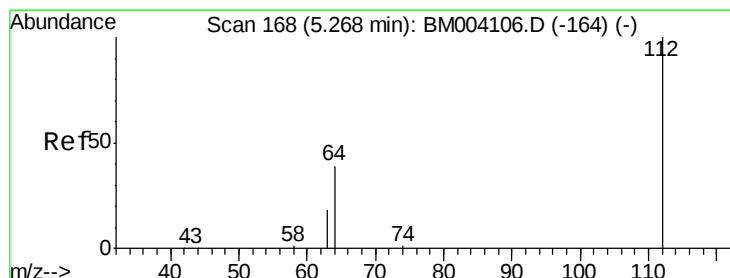
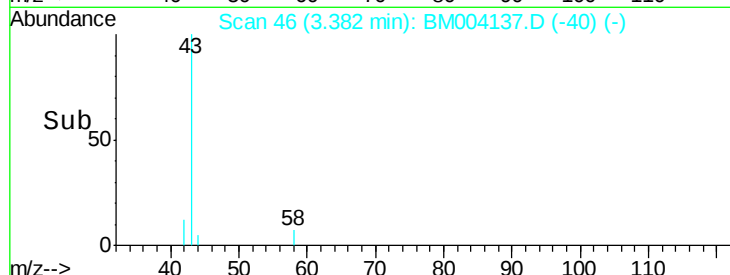
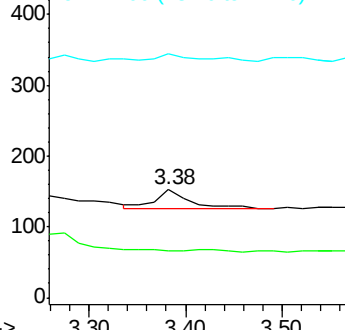
44 42.7 5.1 7.7#



Abundance Ion 42.00 (41.70 to 42.70): BM004137.D (-155) (-)

Ion 74.00 (73.70 to 74.70): BM004137.D (-155) (-)

Ion 44.00 (43.70 to 44.70): BM004137.D (-155) (-)



#4

2-Fluorophenol

Concen: 2.57 ng

RT: 5.25 min Scan# 167

Delta R.T. -0.02 min

Lab File: BM004137.D

Acq: 27 Jan 2016 16:49

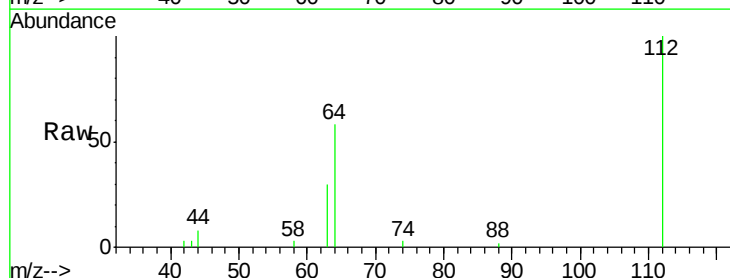
Tgt Ion: 112 Resp: 9505

Ion Ratio Lower Upper

112 100

64 52.1 41.8 62.8

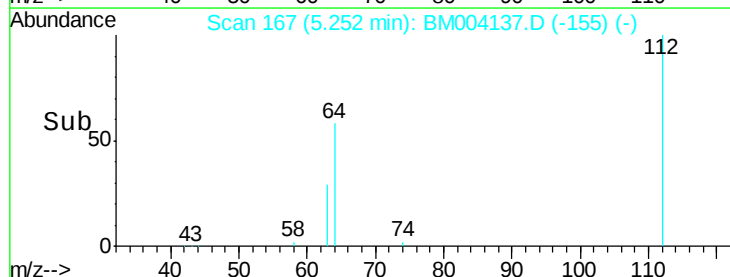
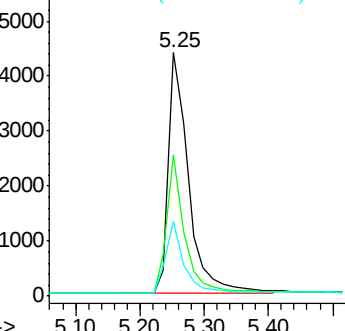
63 27.2 22.1 33.1

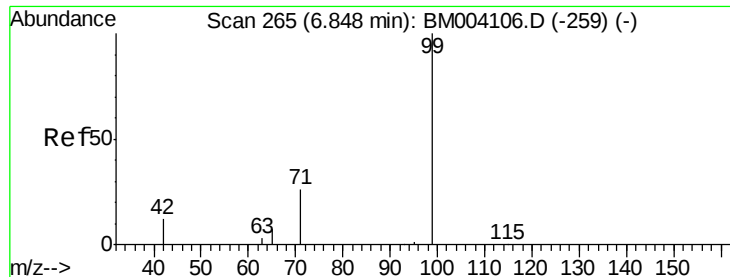


Abundance Ion 112.00 (111.70 to 112.70): BM004137.D (-155) (-)

Ion 64.00 (63.70 to 64.70): BM004137.D (-155) (-)

Ion 63.00 (62.70 to 63.70): BM004137.D (-155) (-)





#5

Phenol-d6

Concen: 1.48 ng

RT: 6.85 min Scan# 265

Delta R.T. -0.00 min

Lab File: BM004137.D

Acq: 27 Jan 2016 16:49

Instrument :

BNA_M

ClientSampleId :

KY038PS038-16025

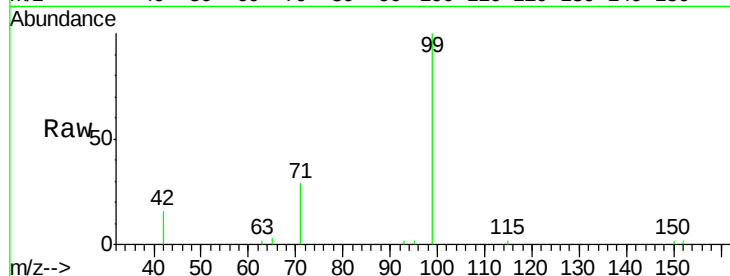
Tgt Ion: 99 Resp: 6620

Ion Ratio Lower Upper

99 100

42 18.4 16.2 24.2

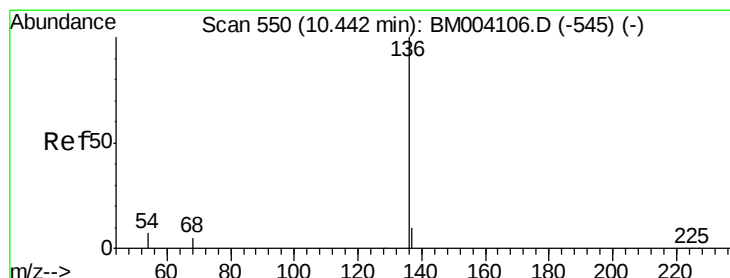
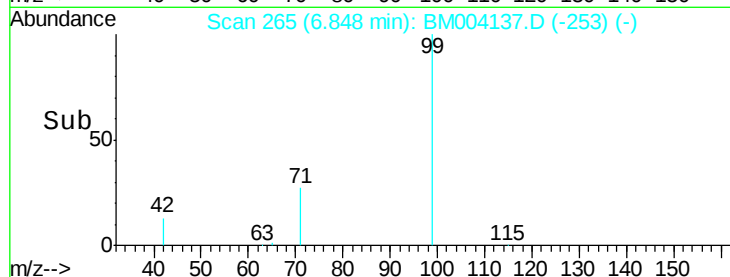
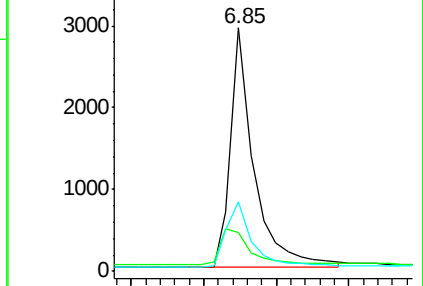
71 30.5 24.4 36.6



Abundance Ion 99.00 (98.70 to 99.70): BM004106.D (-259) (-)

Ion 42.00 (41.70 to 42.70): BM004106.D (-259) (-)

Ion 71.00 (70.70 to 71.70): BM004106.D (-259) (-)



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.44 min Scan# 550

Delta R.T. -0.00 min

Lab File: BM004137.D

Acq: 27 Jan 2016 16:49

Tgt Ion: 136 Resp: 77044

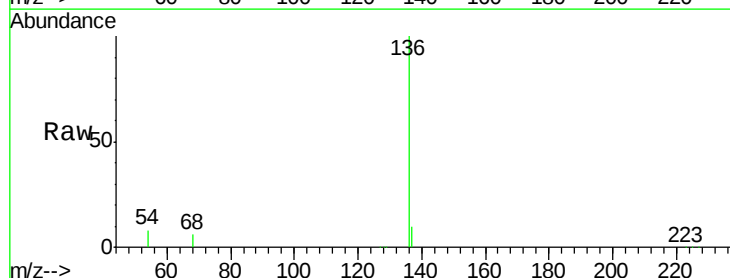
Ion Ratio Lower Upper

136 100

137 10.4 9.2 13.8

54 7.6 2.8 4.2#

68 5.6 2.5 3.7#

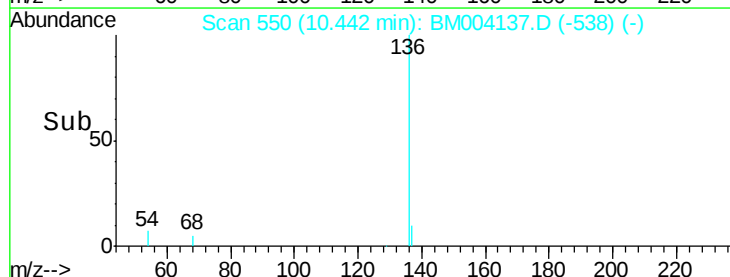
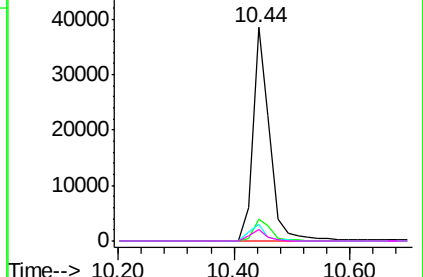


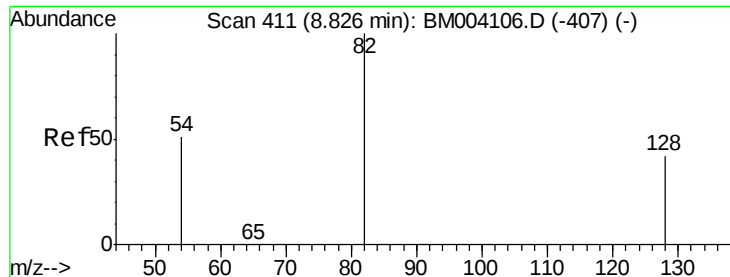
Abundance Ion 136.00 (135.70 to 136.70): BM004106.D (-545) (-)

Ion 137.00 (136.70 to 137.70): BM004106.D (-545) (-)

Ion 54.00 (53.70 to 54.70): BM004106.D (-545) (-)

Ion 68.00 (67.70 to 68.70): BM004106.D (-545) (-)





#8

Nitrobenzene-d5

Concen: 3.82 ng

RT: 8.83 min Scan# 411

Delta R.T. -0.00 min

Lab File: BM004137.D

Acq: 27 Jan 2016 16:49

Instrument :

BNA_M

ClientSampleId :

KY038PS038-16025

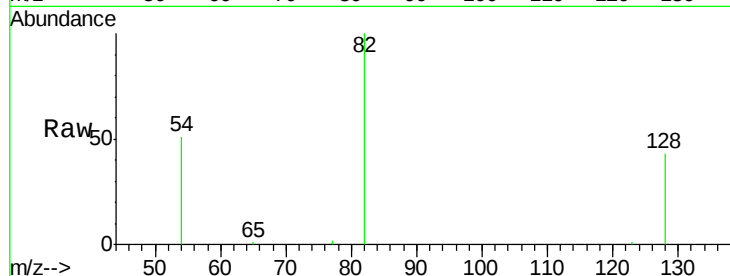
Tgt Ion: 82 Resp: 12878

Ion Ratio Lower Upper

82 100

128 43.4 39.1 58.7

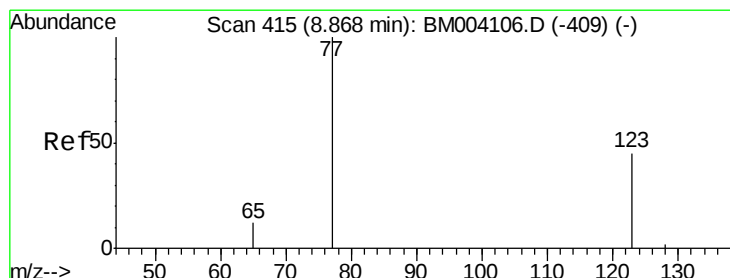
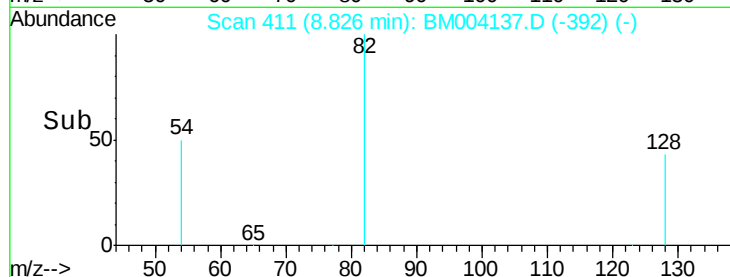
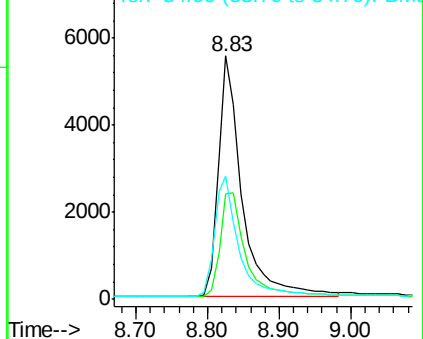
54 50.8 34.8 52.2



Abundance Ion 82.00 (81.70 to 82.70): BM004137.D (-392) (-)

Ion 128.00 (127.70 to 128.70): BM004137.D (-392) (-)

Ion 54.00 (53.70 to 54.70): BM004137.D (-392) (-)



#9

Nitrobenzene

Concen: 0.23 ng

RT: 8.83 min Scan# 411

Delta R.T. -0.04 min

Lab File: BM004137.D

Acq: 27 Jan 2016 16:49

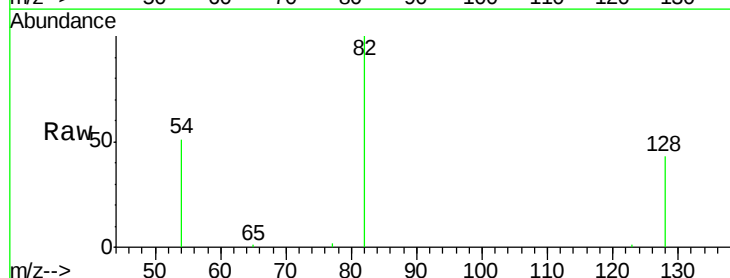
Tgt Ion: 77 Resp: 53

Ion Ratio Lower Upper

77 100

123 0.0 38.6 57.8#

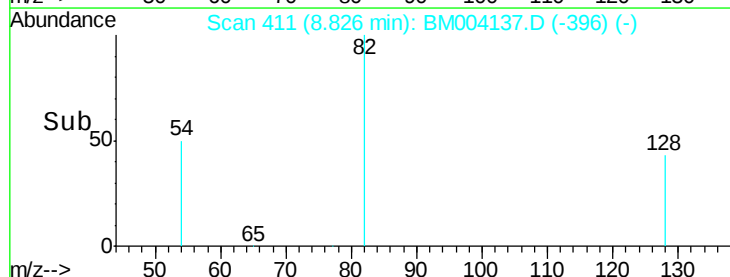
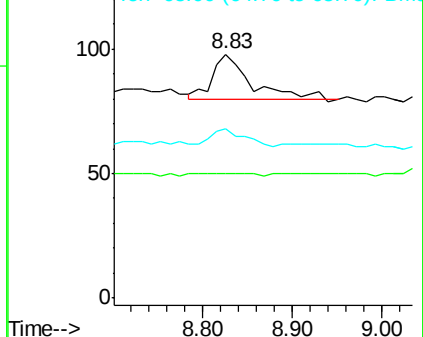
65 32.1 9.9 14.9#

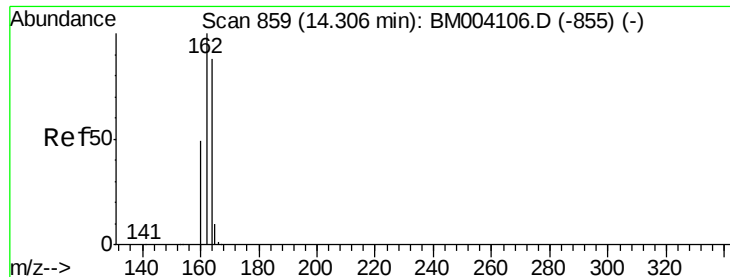


Abundance Ion 77.00 (76.70 to 77.70): BM004137.D (-396) (-)

Ion 123.00 (122.70 to 123.70): BM004137.D (-396) (-)

Ion 65.00 (64.70 to 65.70): BM004137.D (-396) (-)





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.31 min Scan# 859

Delta R.T. -0.00 min

Lab File: BM004137.D

Acq: 27 Jan 2016 16:49

Instrument :

BNA_M

ClientSampleId :

KY038PS038-16025

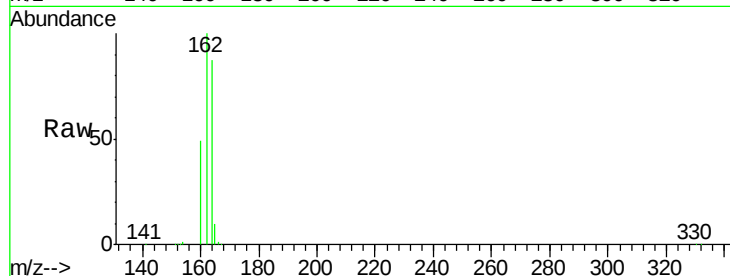
Tgt Ion:164 Resp: 48803

Ion Ratio Lower Upper

164 100

162 115.6 86.0 129.0

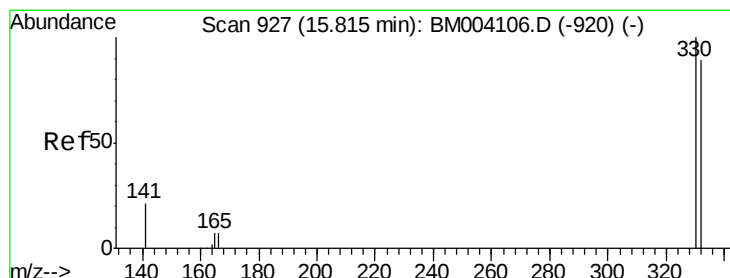
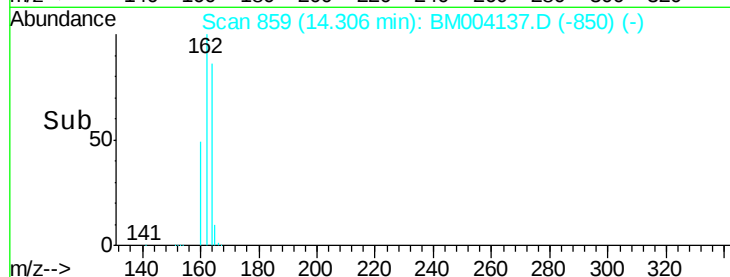
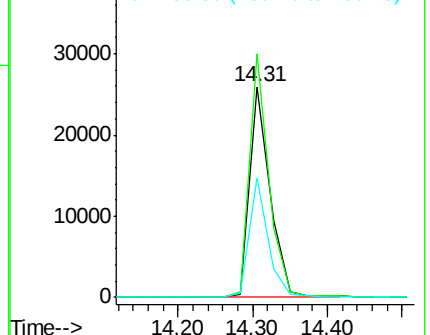
160 56.4 40.3 60.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 6.26 ng

RT: 15.81 min Scan# 927

Delta R.T. -0.00 min

Lab File: BM004137.D

Acq: 27 Jan 2016 16:49

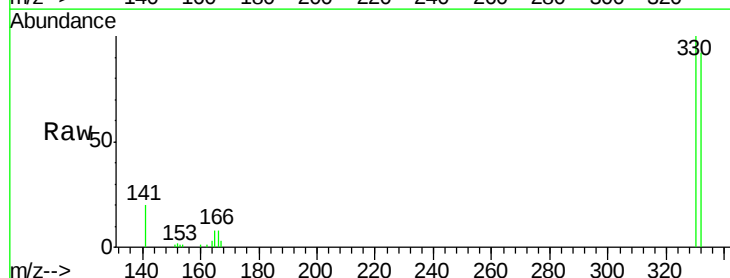
Tgt Ion:330 Resp: 11870

Ion Ratio Lower Upper

330 100

332 95.0 79.0 118.4

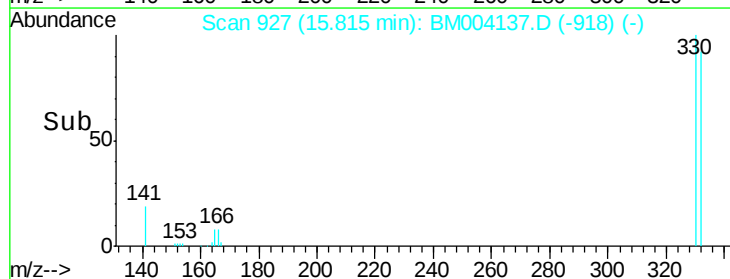
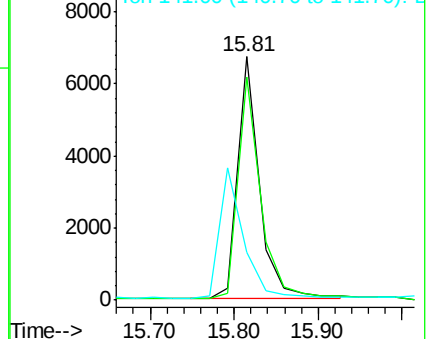
141 0.0 27.8 41.6#

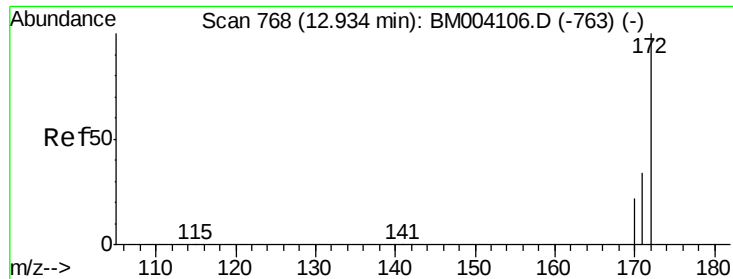


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

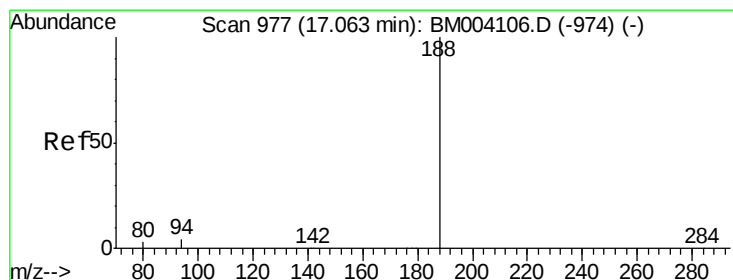
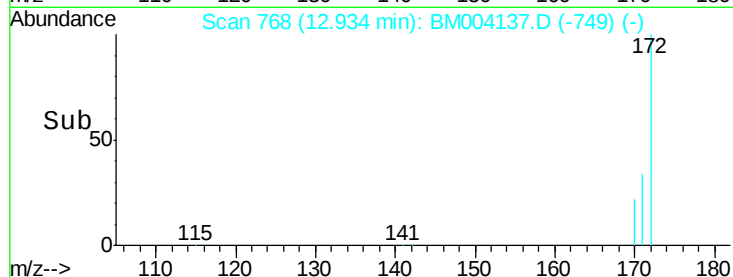
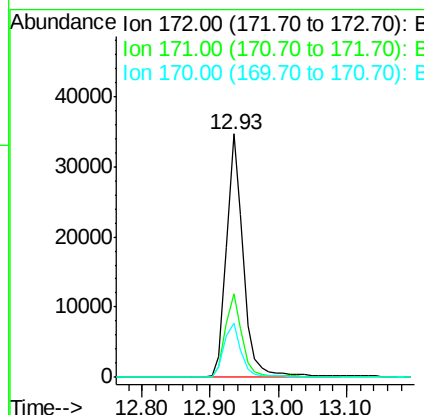
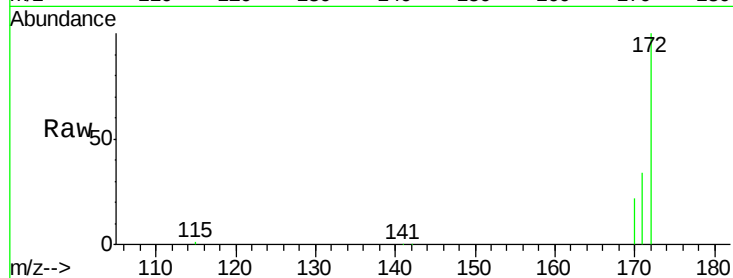




#15
 2-Fluorobiphenyl
 Concen: 3.94 ng
 RT: 12.93 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BM004137.D
 Acq: 27 Jan 2016 16:49

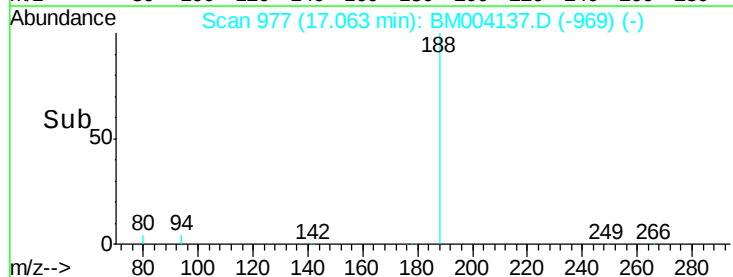
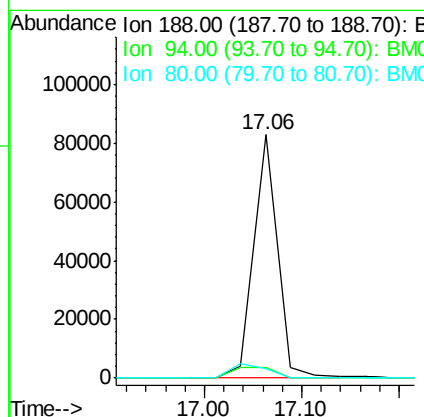
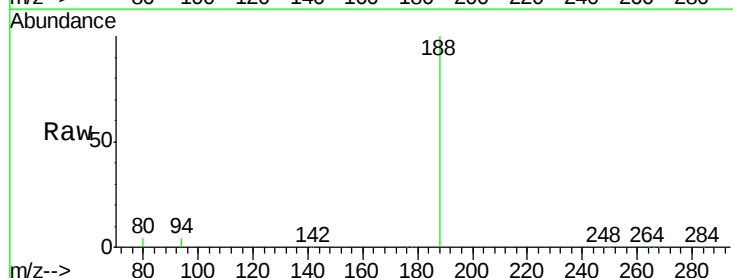
Instrument :
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 KY038PS038-16025

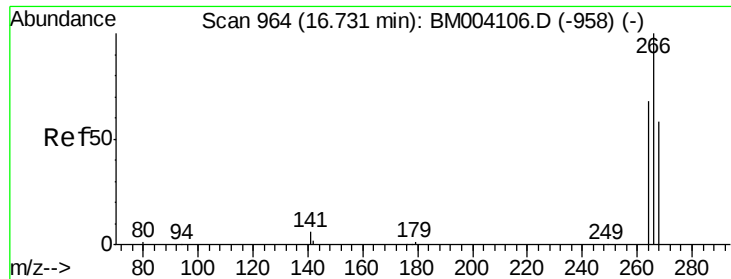
Tgt Ion:172 Resp: 58920
 Ion Ratio Lower Upper
 172 100
 171 34.3 27.0 40.6
 170 22.4 17.9 26.9



#19
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.06 min Scan# 977
 Delta R.T. -0.00 min
 Lab File: BM004137.D
 Acq: 27 Jan 2016 16:49

Tgt Ion:188 Resp: 140804
 Ion Ratio Lower Upper
 188 100
 94 4.4 20.3 30.5#
 80 3.8 22.2 33.4#





#22

Pentachlorophenol

Concen: 0.23 ng

RT: 16.76 min Scan# 965

Delta R.T. 0.03 min

Lab File: BM004137.D

Acq: 27 Jan 2016 16:49

Instrument :

BNA_M

ClientSampleId :

KY038PS038-16025

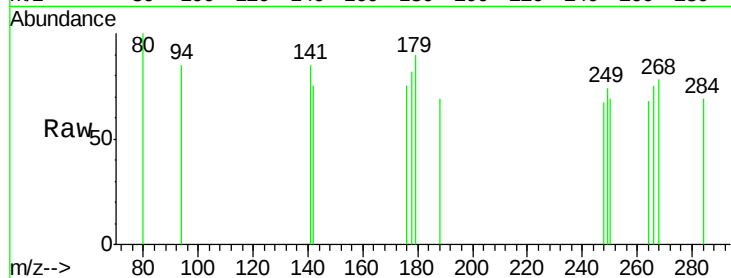
Tgt Ion: 266 Resp: 9

Ion Ratio Lower Upper

266 100

268 103.7 62.7 94.1#

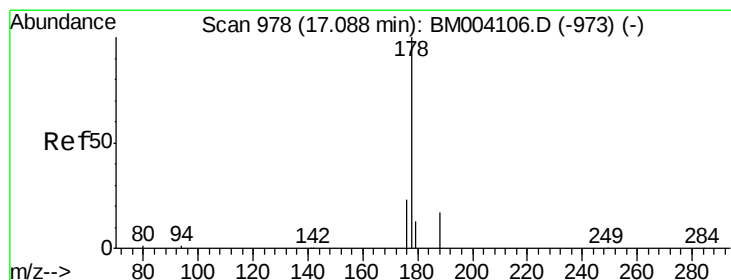
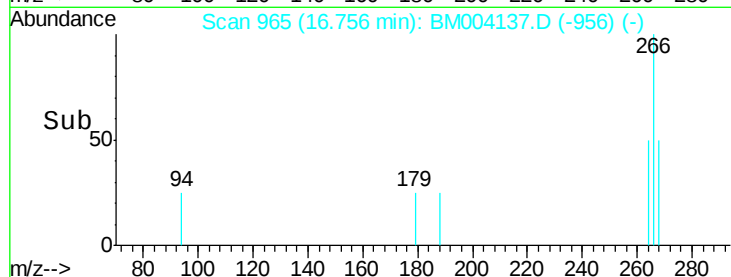
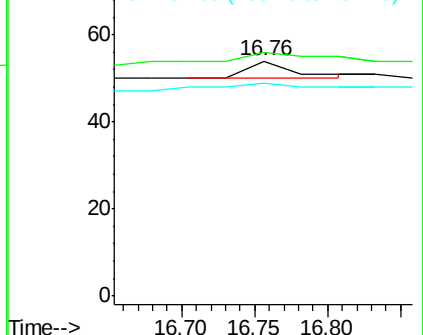
264 90.7 45.7 68.5#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#23

Phenanthrene

Concen: Below Cal

RT: 17.09 min Scan# 978

Delta R.T. 0.00 min

Lab File: BM004137.D

Acq: 27 Jan 2016 16:49

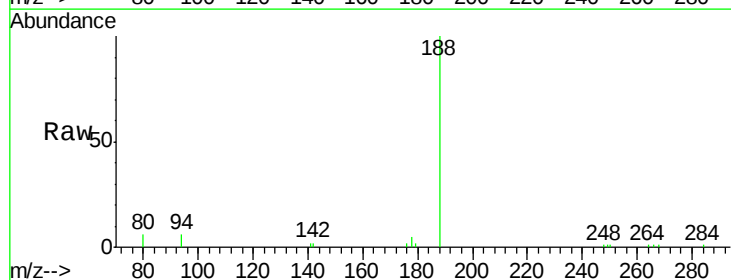
Tgt Ion: 178 Resp: 397

Ion Ratio Lower Upper

178 100

176 23.9 15.4 23.0#

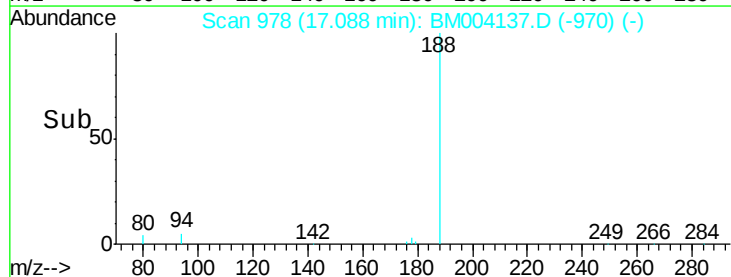
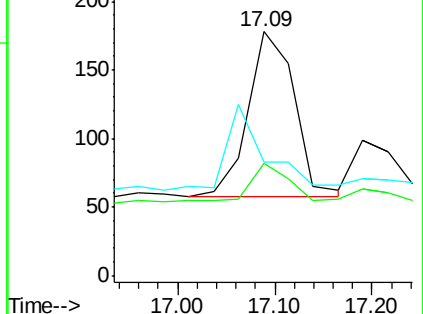
179 0.0 12.2 18.4#

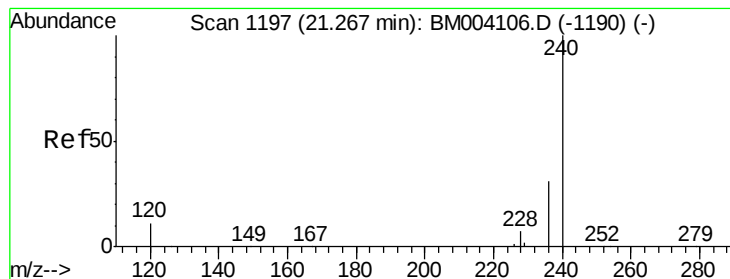


Abundance Ion 178.00 (177.70 to 178.70): E

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: BM004137.D

Acq: 27 Jan 2016 16:49

Instrument :

BNA_M

ClientSampleId :

KY038PS038-16025

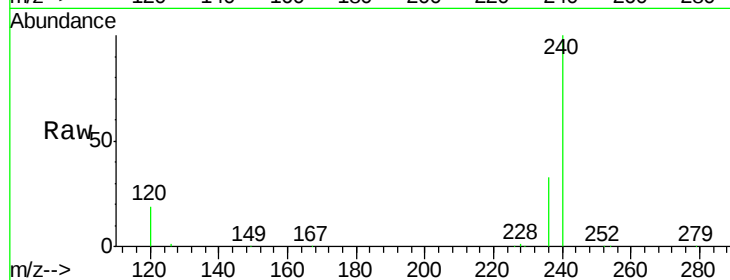
Tgt Ion:240 Resp: 135328

Ion Ratio Lower Upper

240 100

120 19.0 0.9 1.3#

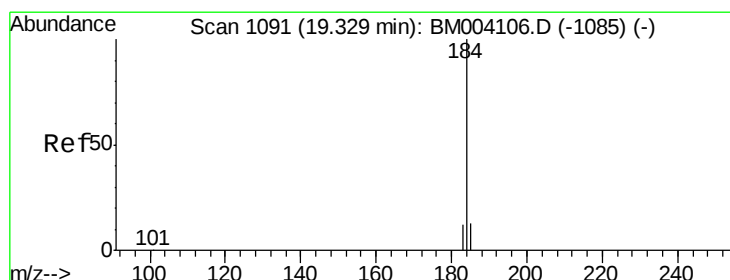
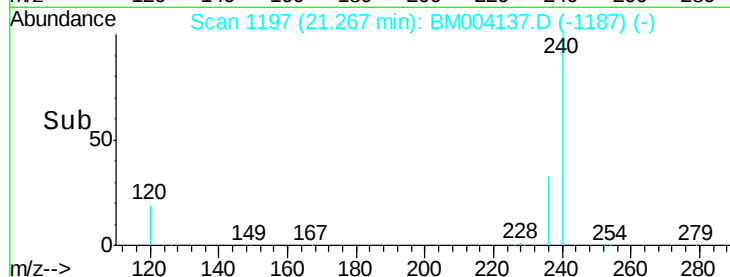
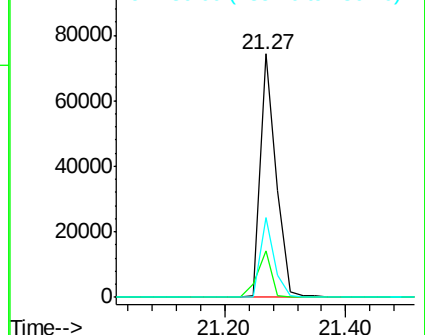
236 32.9 17.3 25.9#



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: 0.43 ng

RT: 19.71 min Scan# 1113

Delta R.T. 0.38 min

Lab File: BM004137.D

Acq: 27 Jan 2016 16:49

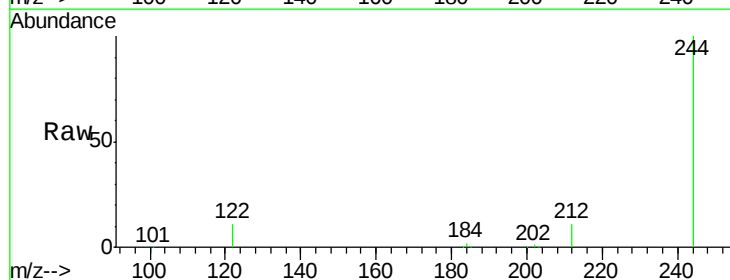
Tgt Ion:184 Resp: 1922

Ion Ratio Lower Upper

184 100

185 23.1 13.2 19.8#

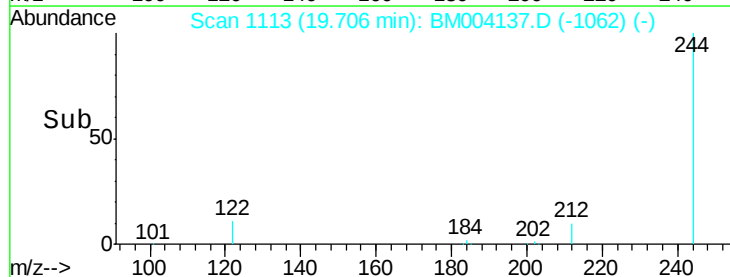
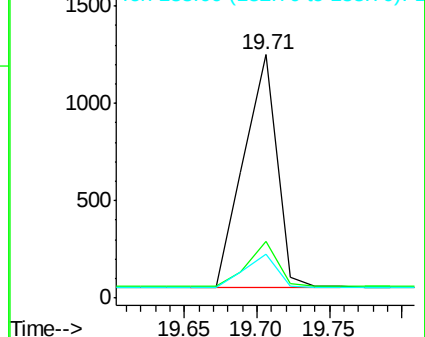
183 17.9 9.0 13.6#

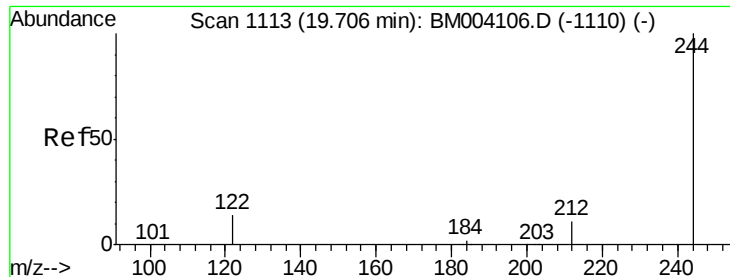


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#29

Terphenyl-d14

Concen: 4.97 ng

RT: 19.71 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BM004137.D

Acq: 27 Jan 2016 16:49

Instrument :

BNA_M

ClientSampleId :

KY038PS038-16025

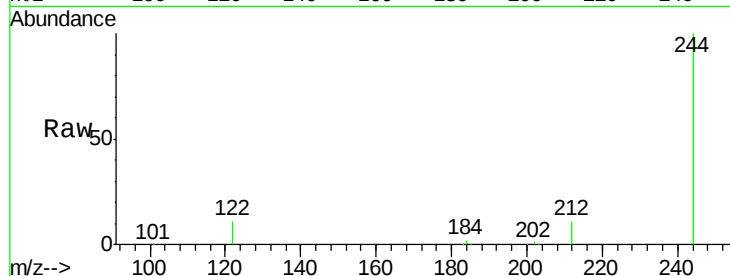
Tgt Ion:244 Resp: 85580

Ion Ratio Lower Upper

244 100

212 10.6 7.0 10.6#

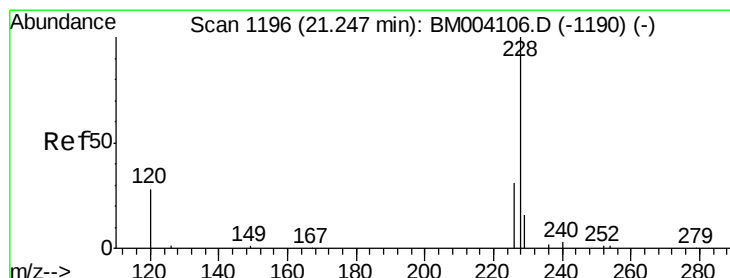
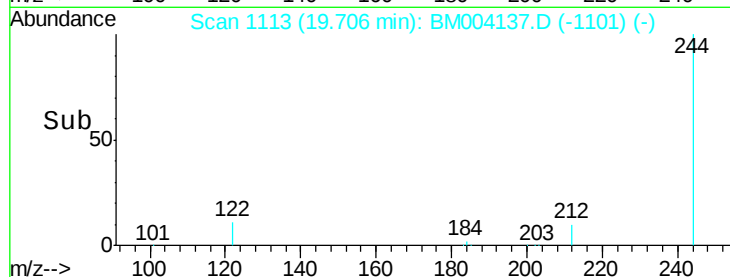
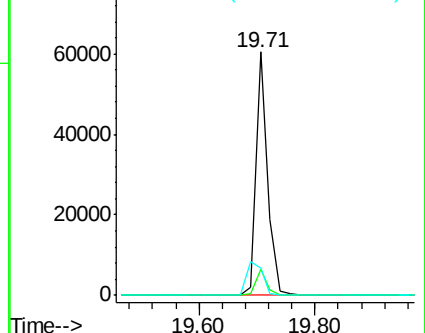
122 11.0 3.0 4.6#



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



#30

Benzo(a)anthracene

Concen: Below Cal

RT: 21.27 min Scan# 1197

Delta R.T. 0.02 min

Lab File: BM004137.D

Acq: 27 Jan 2016 16:49

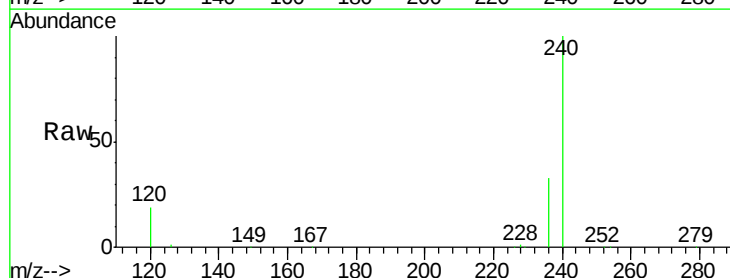
Tgt Ion:228 Resp: 999

Ion Ratio Lower Upper

228 100

226 22.5 17.2 25.8

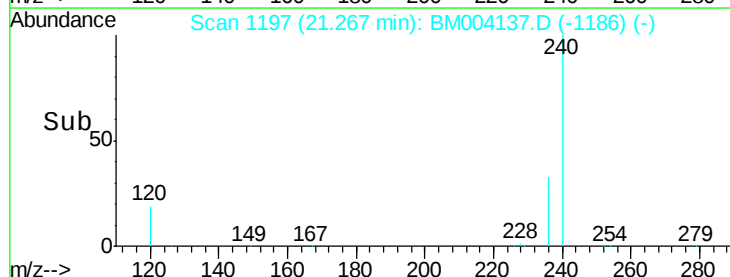
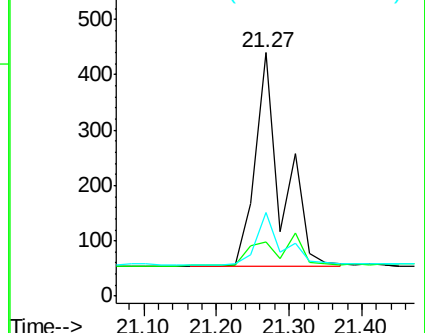
229 34.5 18.7 28.1#

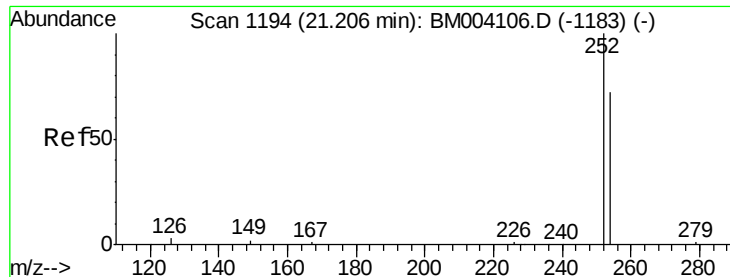


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

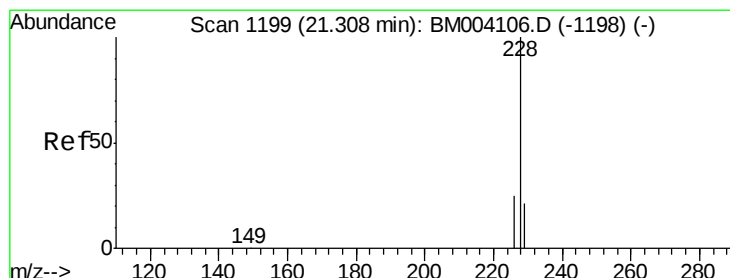
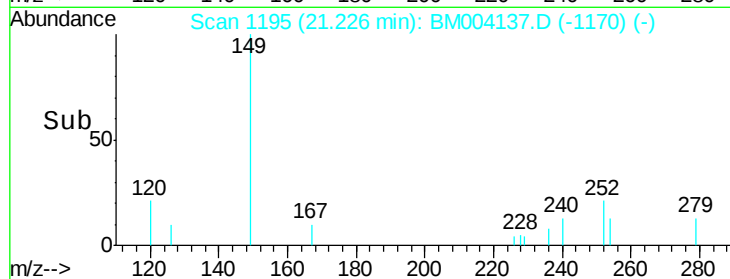
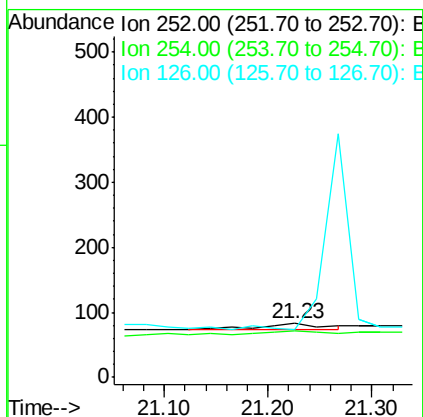
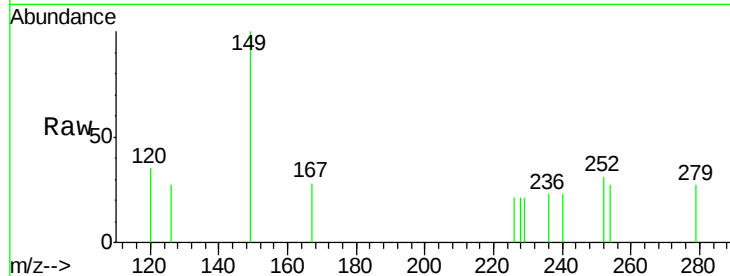




#31
 3,3'-Dichlorobenzidine
 Concen: 0.02 ng
 RT: 21.23 min Scan# 1195
 Delta R.T. 0.02 min
 Lab File: BM004137.D
 Acq: 27 Jan 2016 16:49

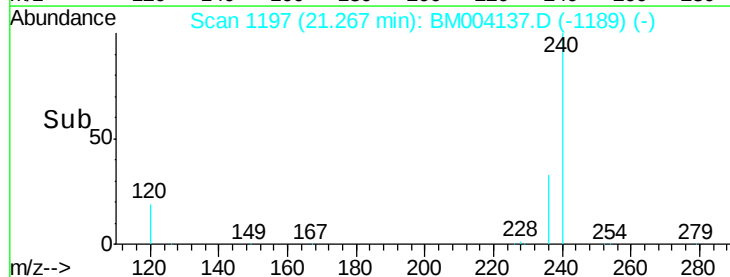
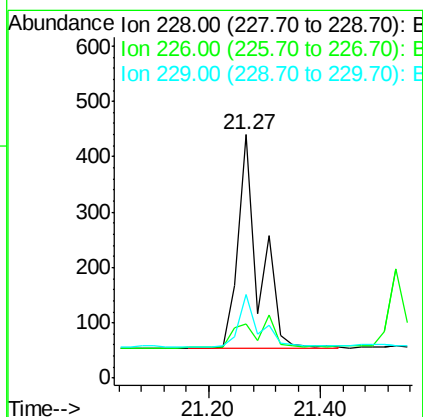
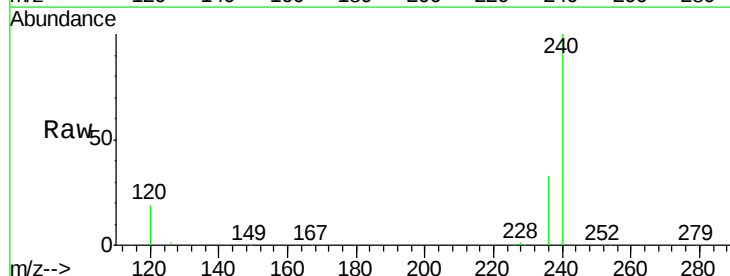
Instrument :
 BNA_M
 ClientSampleId :
 KY038PS038-16025

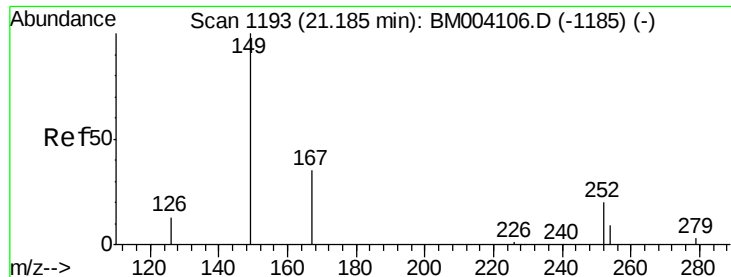
Tgt Ion: 252 Resp: 36
 Ion Ratio Lower Upper
 252 100
 254 86.7 52.6 79.0#
 126 89.2 3.7 5.5#



#32
 Chrysene
 Concen: Below Cal
 RT: 21.27 min Scan# 1197
 Delta R.T. -0.04 min
 Lab File: BM004137.D
 Acq: 27 Jan 2016 16:49

Tgt Ion: 228 Resp: 1015
 Ion Ratio Lower Upper
 228 100
 226 22.5 25.3 37.9#
 229 34.5 14.5 21.7#

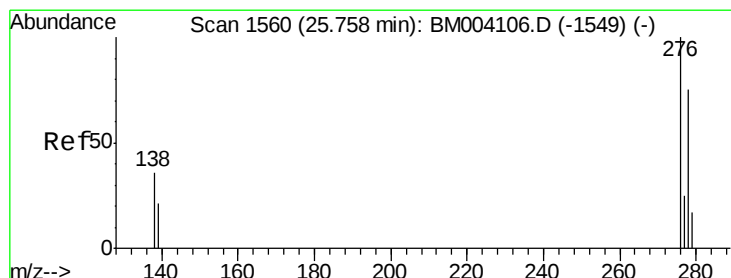
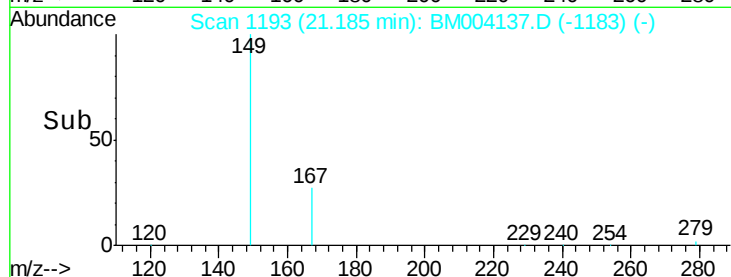
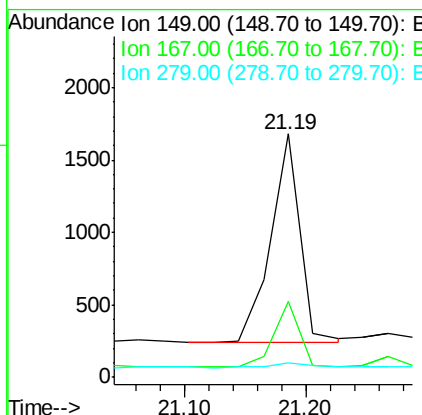
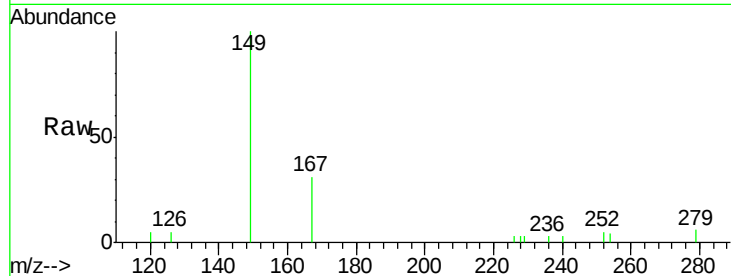




#33
 Bis(2-ethylhexyl)phthalate
 Concen: 0.22 ng
 RT: 21.19 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BM004137.D
 Acq: 27 Jan 2016 16:49

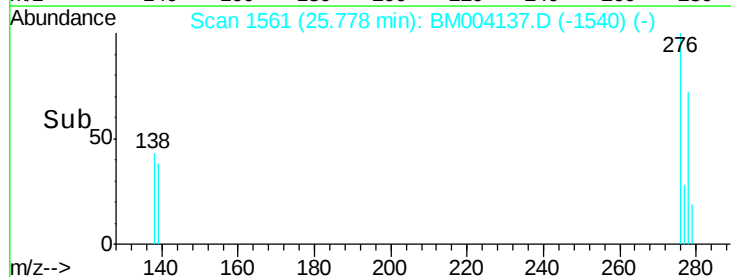
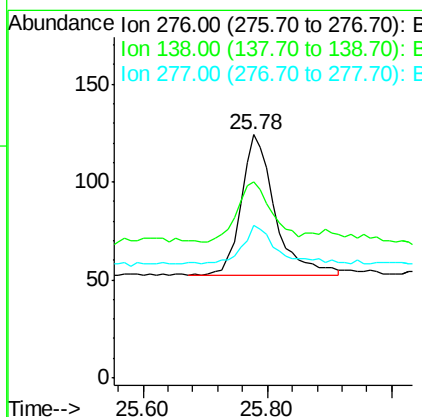
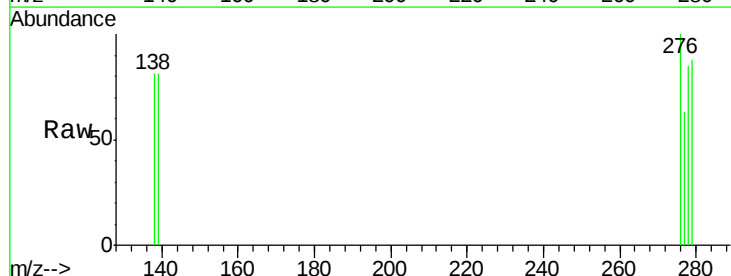
Instrument :
 BNA_M
 ClientSampleId :
 KY038PS038-16025

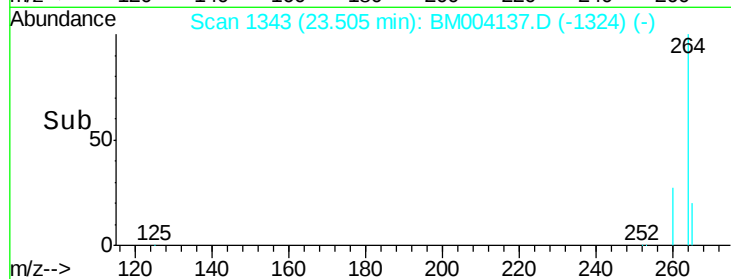
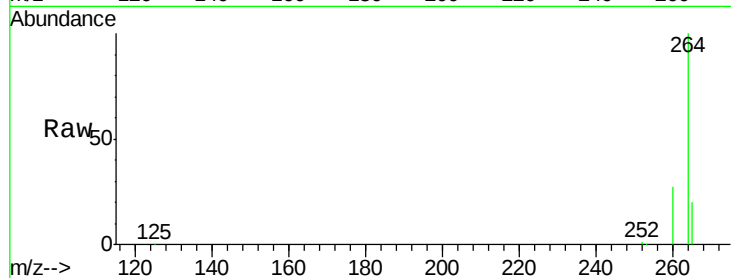
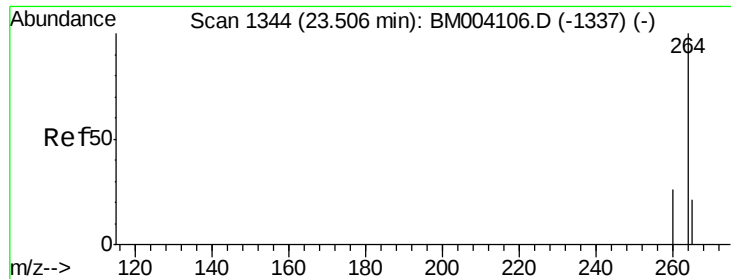
Tgt Ion:149 Resp: 2421
 Ion Ratio Lower Upper
 149 100
 167 26.9 20.1 30.1
 279 2.7 1.8 2.6#



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 0.03 ng
 RT: 25.78 min Scan# 1561
 Delta R.T. 0.02 min
 Lab File: BM004137.D
 Acq: 27 Jan 2016 16:49

Tgt Ion:276 Resp: 277
 Ion Ratio Lower Upper
 276 100
 138 44.0 30.2 45.2
 277 27.4 19.8 29.8





#35

Perylene-d12

Concen: 5.00 ng

RT: 23.51 min Scan# 1343

Delta R.T. -0.00 min

Lab File: BM004137.D

Acq: 27 Jan 2016 16:49

Instrument :

BNA_M

ClientSampleId :

KY038PS038-16025

Tgt Ion: 264 Resp: 135477

Ion Ratio Lower Upper

264 100

260 26.8 21.2 31.8

265 20.3 16.7 25.1

