

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012716\
 Data File : BM004136.D
 Acq On : 27 Jan 2016 16:13
 Operator : SJ/IZ
 Sample : H1249-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 KY038PS037-160125

Quant Time: Jan 27 23:59:15 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	22604	5.00	ng	0.00
7) Naphthalene-d8	10.44	136	99731	5.00	ng	0.00
13) Acenaphthene-d10	14.31	164	61688	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	173690	5.00	ng	0.00
26) Chrysene-d12	21.27	240	166580	5.00	ng	0.00
35) Perylene-d12	23.51	264	151367	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.25	112	10893	2.31	ng	-0.02
5) Phenol-d6	6.85	99	7909	1.39	ng	0.00
8) Nitrobenzene-d5	8.83	82	18378	4.21	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	18715	7.74	ng	0.00
15) 2-Fluorobiphenyl	12.93	172	82155	4.35	ng	0.00
29) Terphenyl-d14	19.71	244	116509	5.50	ng	0.00

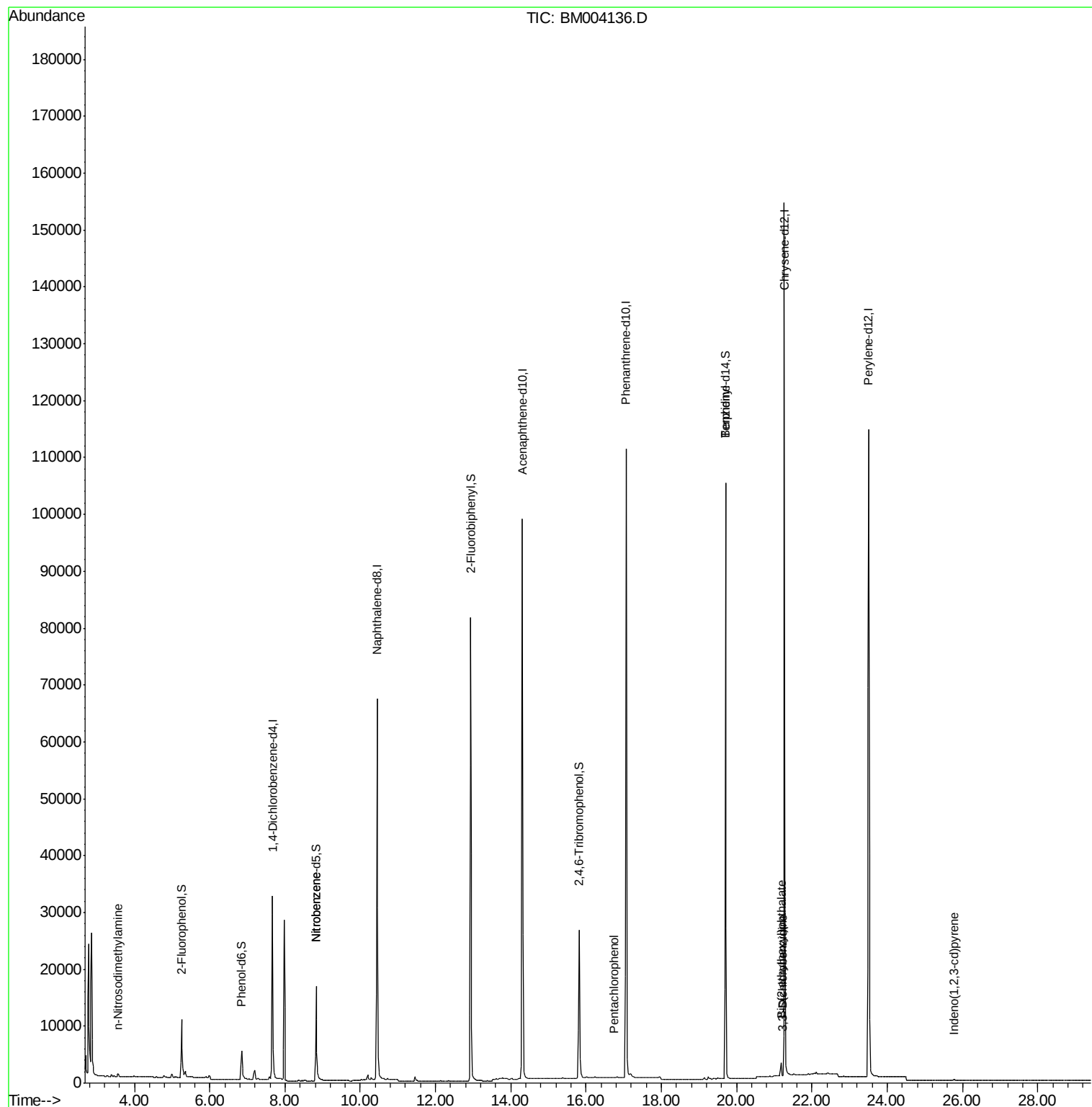
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.55	42	111	0.06	ng	# 6
9) Nitrobenzene	8.83	77	60	0.23	ng	# 37
22) Pentachlorophenol	16.73	266	41	0.24	ng	# 63
23) Phenanthrene	17.09	178	432	Below Cal		# 82
27) Benzidine	19.71	184	2558	0.45	ng	# 83
28) Pyrene	19.50	202	280	Below Cal		# 93
30) Benzo(a)anthracene	21.27	228	977	Below Cal		# 85
31) 3,3'-Dichlorobenzidine	21.23	252	37	0.02	ng	# 57
32) Chrysene	21.27	228	983	Below Cal		# 72
33) Bis(2-ethylhexyl)phthalate	21.19	149	3282	0.24	ng	# 97
34) Indeno(1,2,3-cd)pyrene	25.77	276	259	0.03	ng	# 78

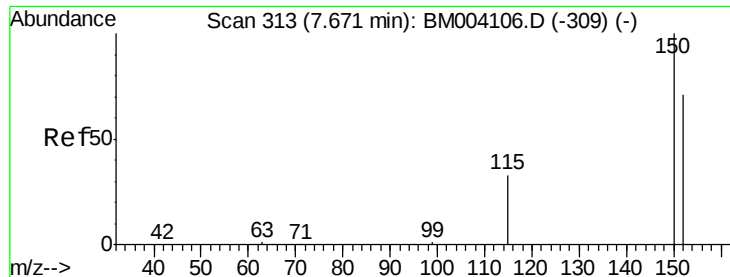
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012716\
Data File : BM004136.D
Acq On : 27 Jan 2016 16:13
Operator : SJ/IZ
Sample : H1249-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
KY038PS037-160125

Quant Time: Jan 27 23:59:15 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



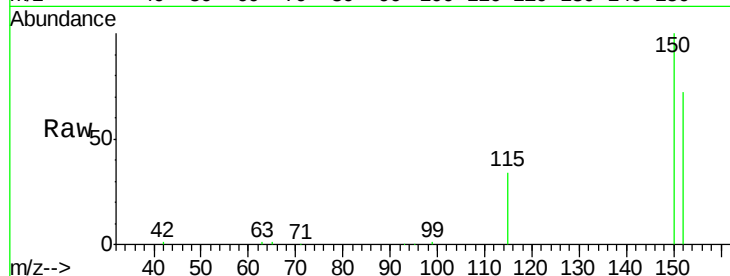


#1

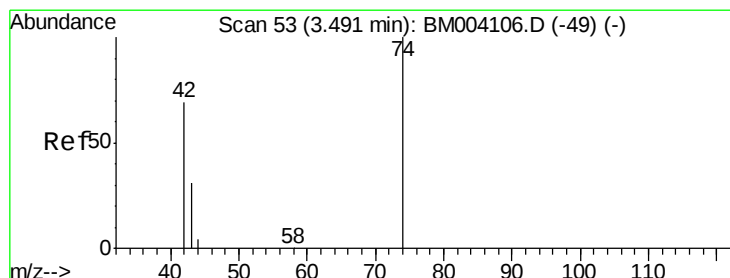
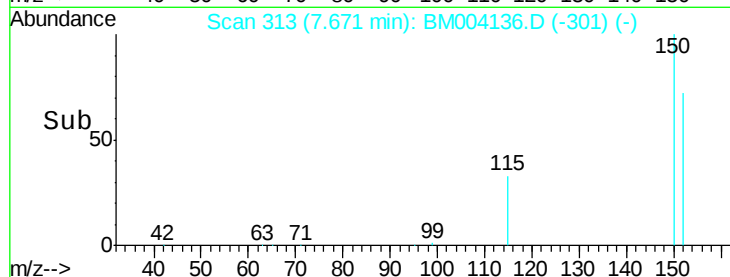
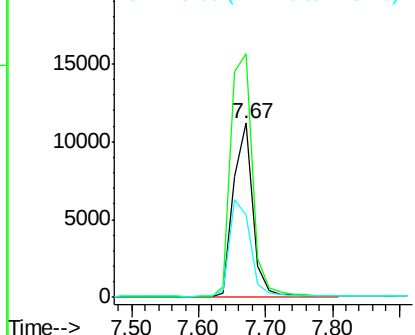
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.67 min Scan# 313
Delta R.T. 0.00 min
Lab File: BM004136.D
Acq: 27 Jan 2016 16:13

Instrument :
BNA_M
ClientSampleId :
KY038PS037-160125

Tgt Ion:152 Resp: 22604
Ion Ratio Lower Upper
152 100
150 139.6 122.9 184.3
115 47.2 44.4 66.6



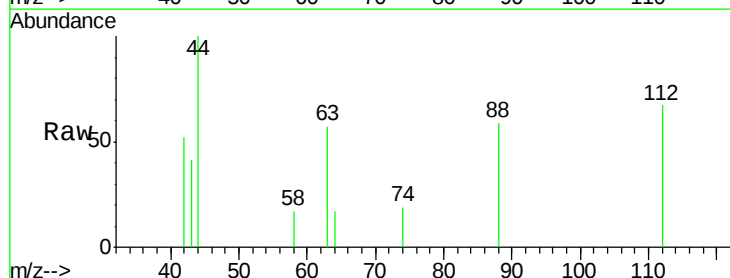
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



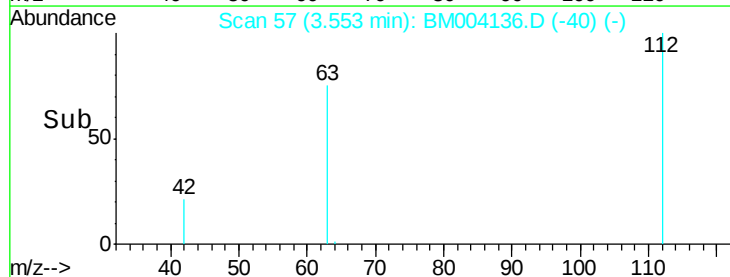
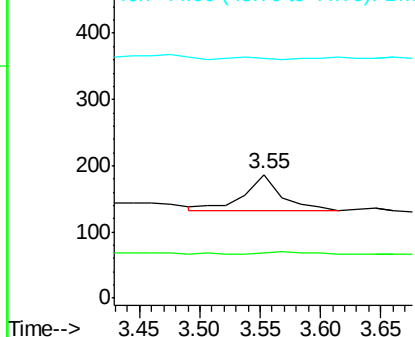
#3

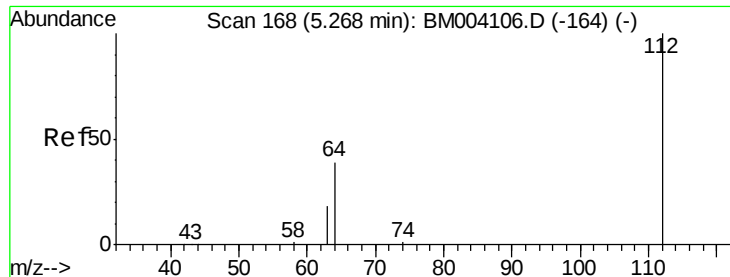
n-Nitrosodimethylamine
Concen: 0.06 ng
RT: 3.55 min Scan# 57
Delta R.T. 0.06 min
Lab File: BM004136.D
Acq: 27 Jan 2016 16:13

Tgt Ion: 42 Resp: 111
Ion Ratio Lower Upper
42 100
74 9.9 95.0 142.4#
44 0.0 5.1 7.7#



Abundance Ion 42.00 (41.70 to 42.70): BM0
Ion 74.00 (73.70 to 74.70): BM0
Ion 44.00 (43.70 to 44.70): BM0





#4

2-Fluorophenol

Concen: 2.31 ng

RT: 5.25 min Scan# 167

Delta R.T. -0.02 min

Lab File: BM004136.D

Acq: 27 Jan 2016 16:13

Instrument :

BNA_M

ClientSampleId :

KY038PS037-160125

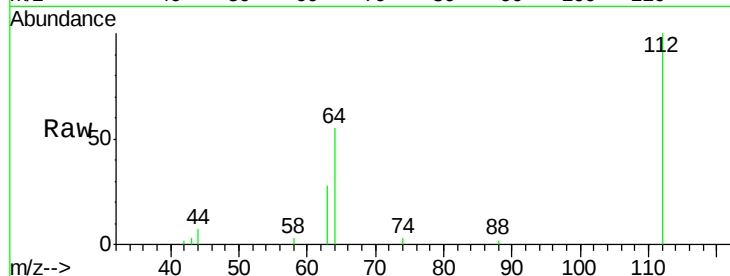
Tgt Ion: 112 Resp: 10893

Ion Ratio Lower Upper

112 100

64 52.1 41.8 62.8

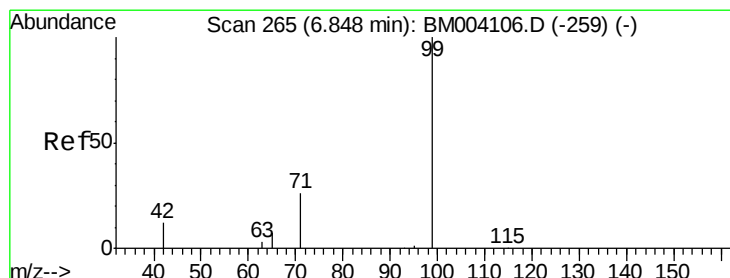
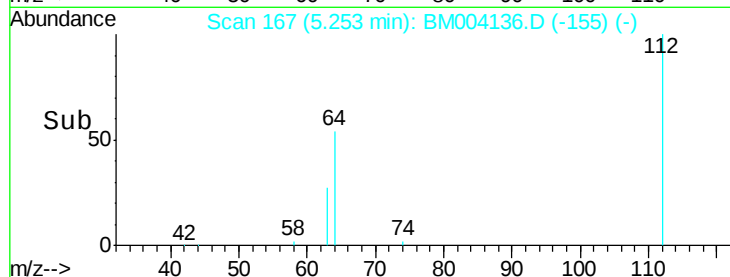
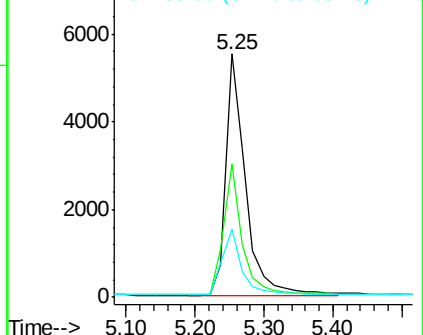
63 27.1 22.1 33.1



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: 1.39 ng

RT: 6.85 min Scan# 265

Delta R.T. 0.00 min

Lab File: BM004136.D

Acq: 27 Jan 2016 16:13

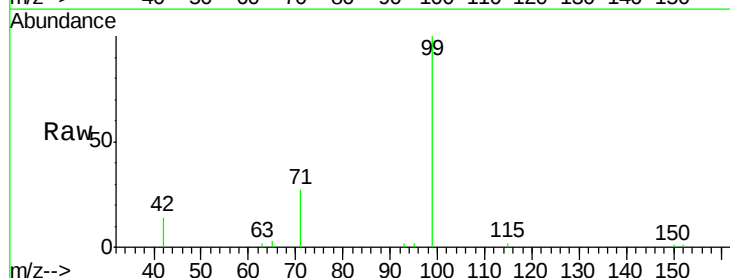
Tgt Ion: 99 Resp: 7909

Ion Ratio Lower Upper

99 100

42 18.7 16.2 24.2

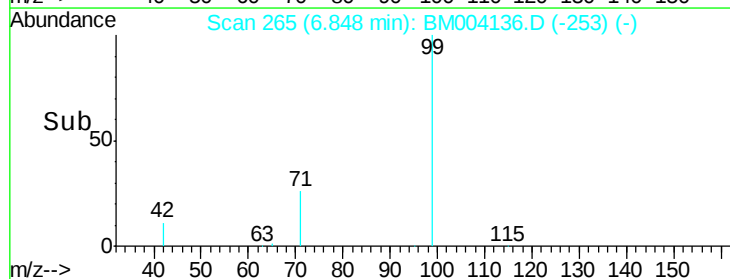
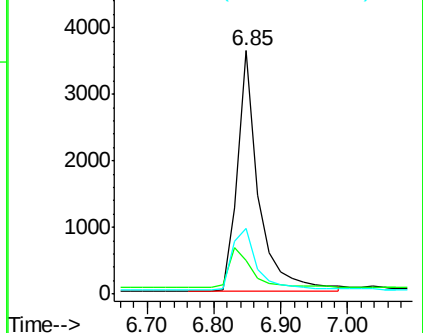
71 31.7 24.4 36.6

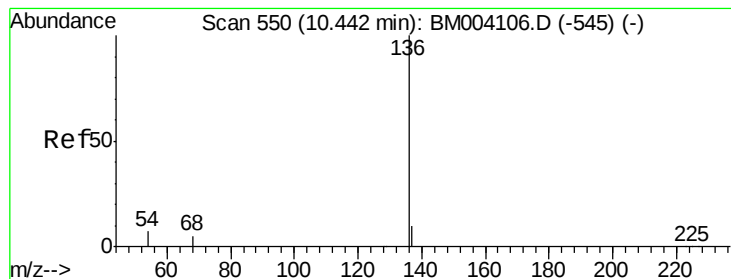


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.44 min Scan# 550

Delta R.T. 0.00 min

Lab File: BM004136.D

Acq: 27 Jan 2016 16:13

Instrument :

BNA_M

ClientSampleId :

KY038PS037-160125

Tgt Ion:136 Resp: 99731

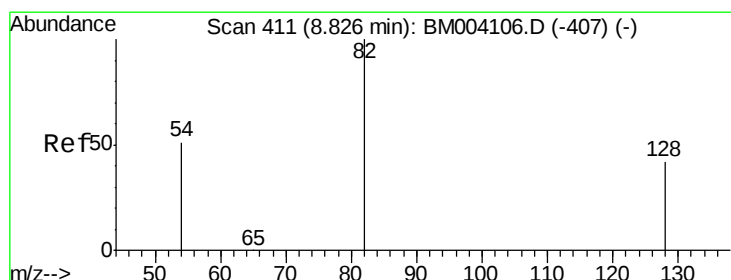
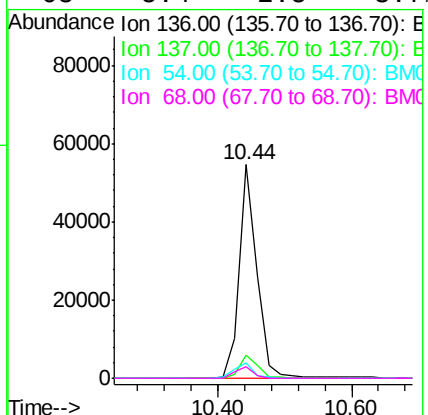
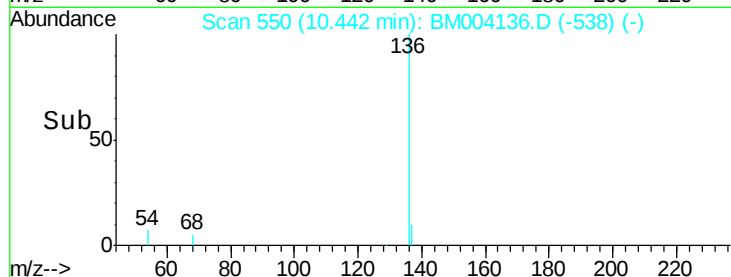
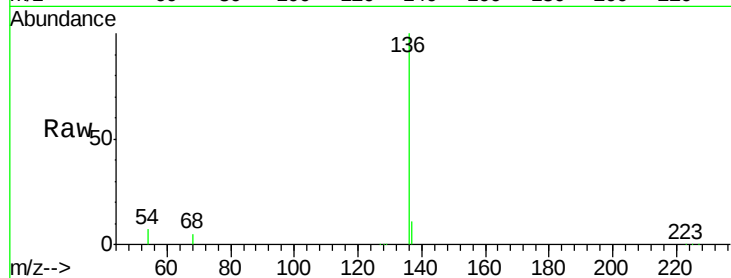
Ion Ratio Lower Upper

136 100

137 10.6 9.2 13.8

54 7.0 2.8 4.2#

68 5.4 2.5 3.7#



#8

Nitrobenzene-d5

Concen: 4.21 ng

RT: 8.83 min Scan# 411

Delta R.T. 0.00 min

Lab File: BM004136.D

Acq: 27 Jan 2016 16:13

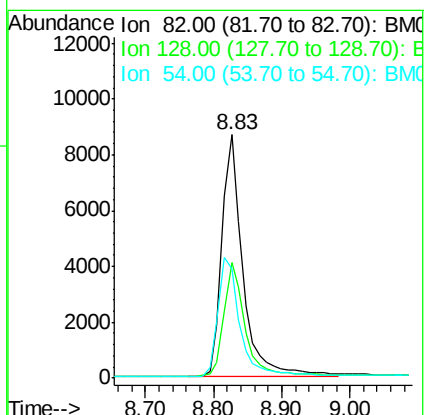
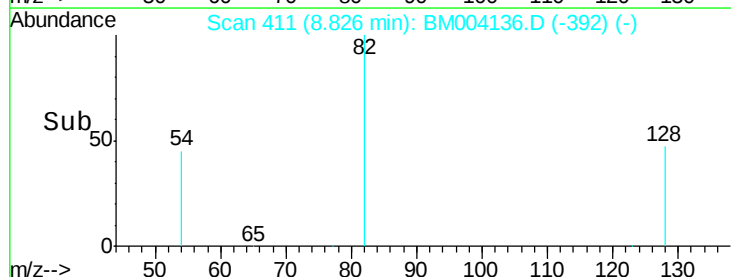
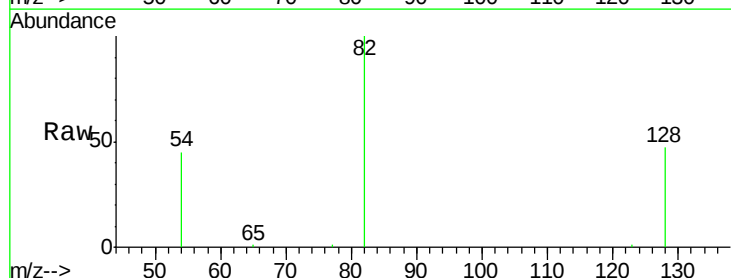
Tgt Ion: 82 Resp: 18378

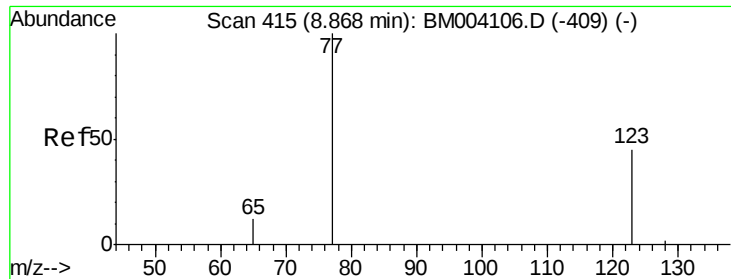
Ion Ratio Lower Upper

82 100

128 47.2 39.1 58.7

54 45.0 34.8 52.2





#9

Nitrobenzene

Concen: 0.23 ng

RT: 8.83 min Scan# 411

Delta R.T. -0.04 min

Lab File: BM004136.D

Acq: 27 Jan 2016 16:13

Instrument :

BNA_M

ClientSampleId :

KY038PS037-160125

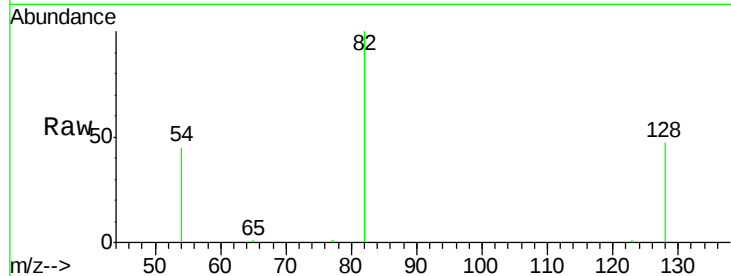
Tgt Ion: 77 Resp: 60

Ion Ratio Lower Upper

77 100

123 0.0 38.6 57.8#

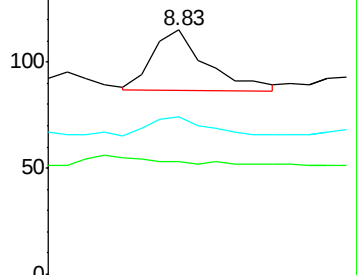
65 0.0 9.9 14.9#



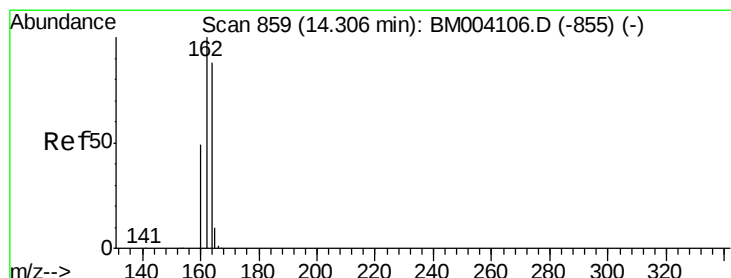
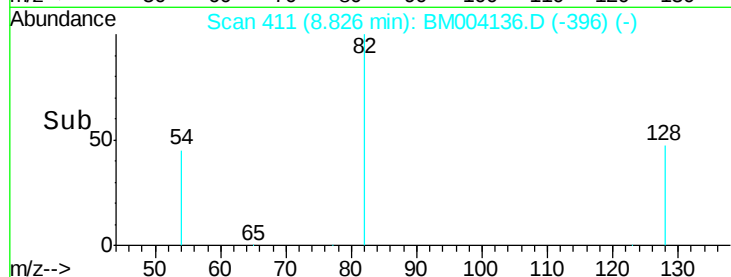
Abundance Ion 77.00 (76.70 to 77.70): BM004106.D (-409) (-)

Ion 123.00 (122.70 to 123.70): BM004106.D (-409) (-)

Ion 65.00 (64.70 to 65.70): BM004106.D (-409) (-)



Time-->



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.31 min Scan# 859

Delta R.T. 0.00 min

Lab File: BM004136.D

Acq: 27 Jan 2016 16:13

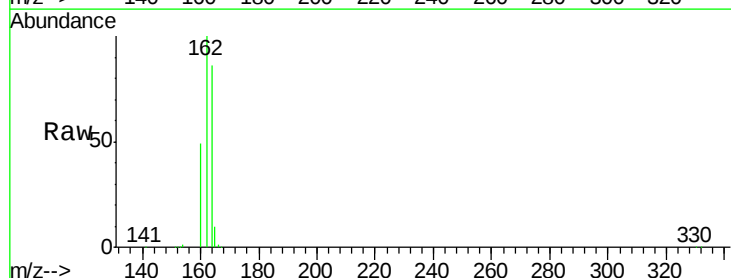
Tgt Ion: 164 Resp: 61688

Ion Ratio Lower Upper

164 100

162 115.6 86.0 129.0

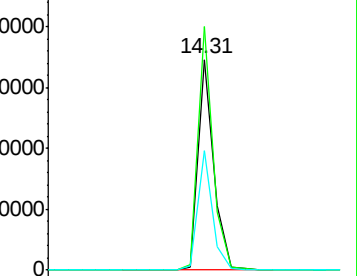
160 56.8 40.3 60.5



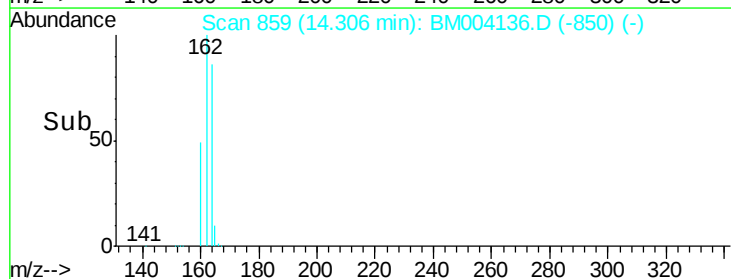
Abundance Ion 164.00 (163.70 to 164.70): BM004106.D (-855) (-)

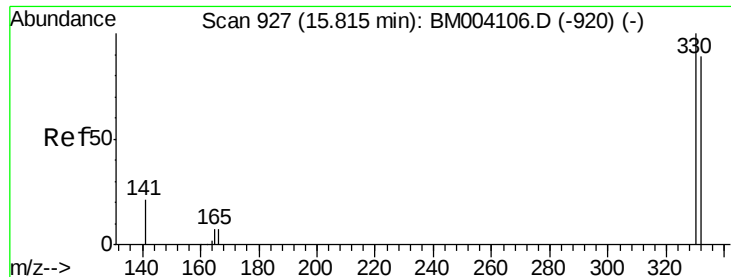
Ion 162.00 (161.70 to 162.70): BM004106.D (-855) (-)

Ion 160.00 (159.70 to 160.70): BM004106.D (-855) (-)



Time-->

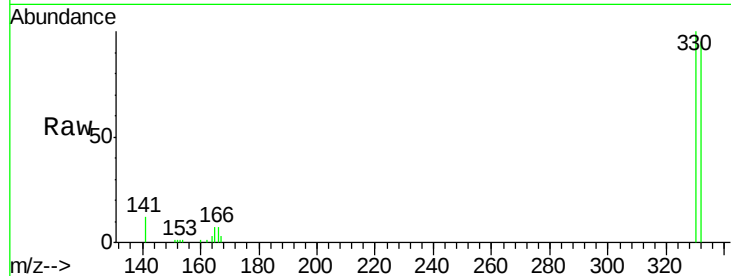




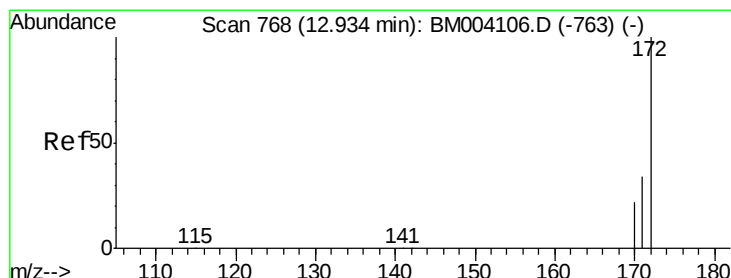
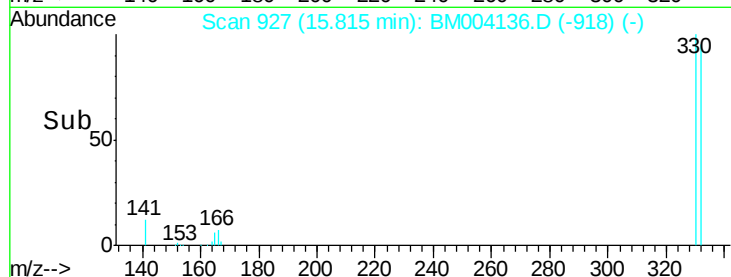
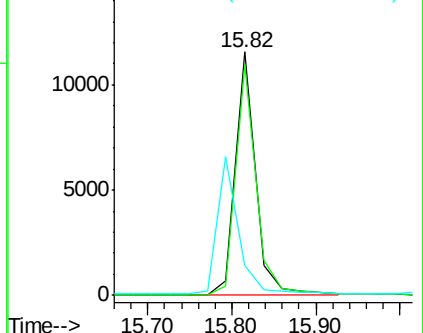
#14
2,4,6-Tribromophenol
Concen: 7.74 ng
RT: 15.82 min Scan# 927
Delta R.T. 0.00 min
Lab File: BM004136.D
Acq: 27 Jan 2016 16:13

Instrument :
BNA_M
ClientSampleId :
KY038PS037-160125

Tgt Ion:330 Resp: 18715
Ion Ratio Lower Upper
330 100
332 95.8 79.0 118.4
141 0.0 27.8 41.6#

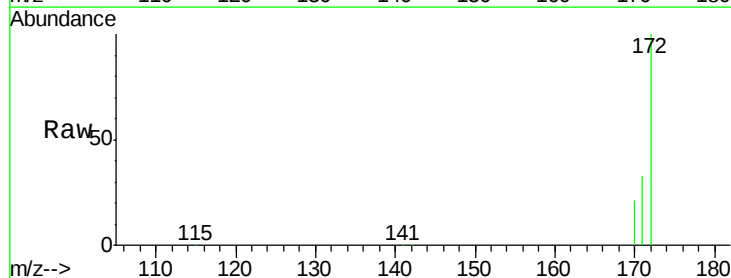


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

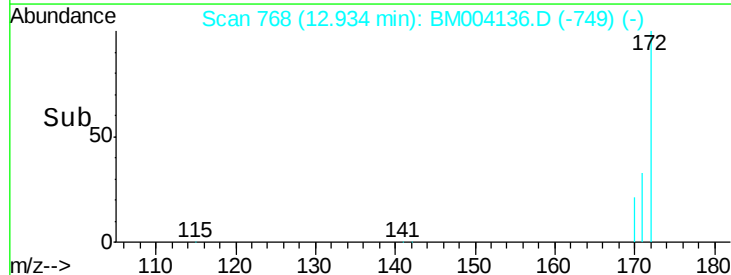
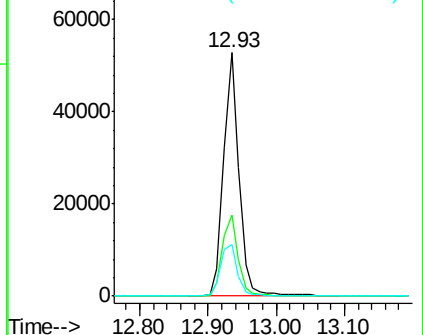


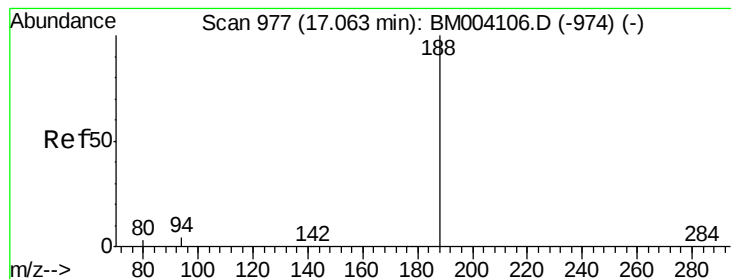
#15
2-Fluorobiphenyl
Concen: 4.35 ng
RT: 12.93 min Scan# 768
Delta R.T. 0.00 min
Lab File: BM004136.D
Acq: 27 Jan 2016 16:13

Tgt Ion:172 Resp: 82155
Ion Ratio Lower Upper
172 100
171 33.1 27.0 40.6
170 21.0 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: 17.06 min Scan# 977

Delta R.T. 0.00 min

Lab File: BM004136.D

Acq: 27 Jan 2016 16:13

Instrument :

BNA_M

ClientSampleId :

KY038PS037-160125

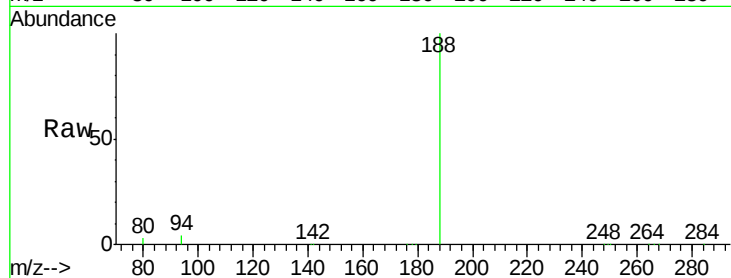
Tgt Ion:188 Resp: 173690

Ion Ratio Lower Upper

188 100

94 3.8 20.3 30.5#

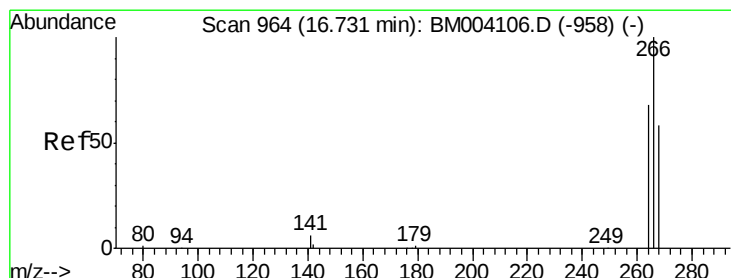
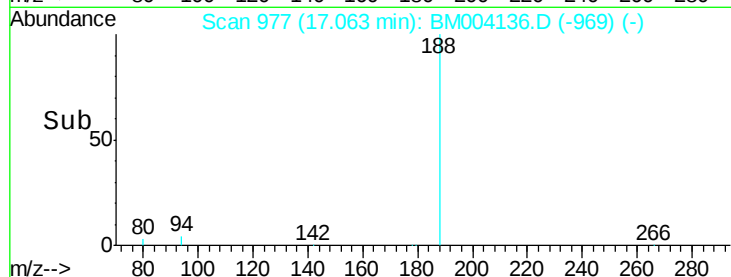
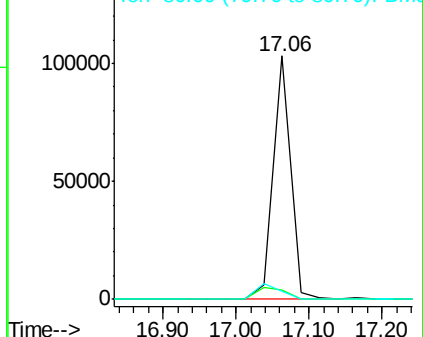
80 3.2 22.2 33.4#



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: 0.24 ng

RT: 16.73 min Scan# 964

Delta R.T. 0.00 min

Lab File: BM004136.D

Acq: 27 Jan 2016 16:13

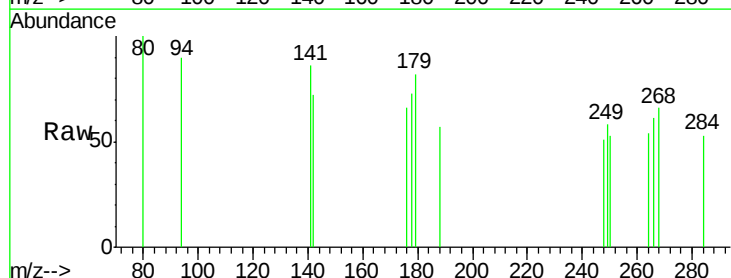
Tgt Ion:266 Resp: 41

Ion Ratio Lower Upper

266 100

268 106.8 62.7 94.1#

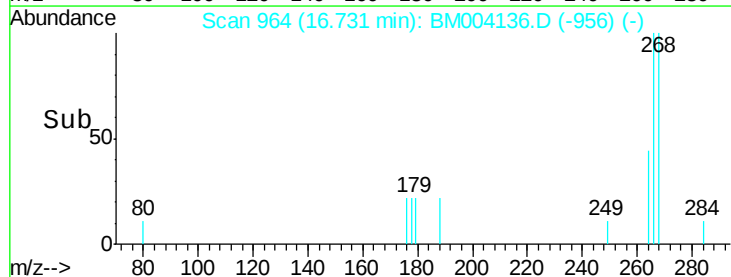
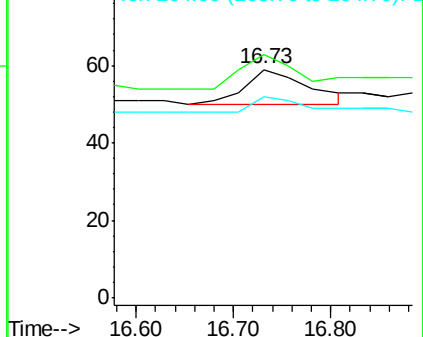
264 88.1 45.7 68.5#

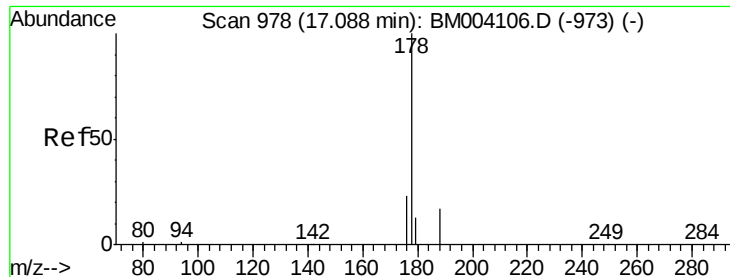


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

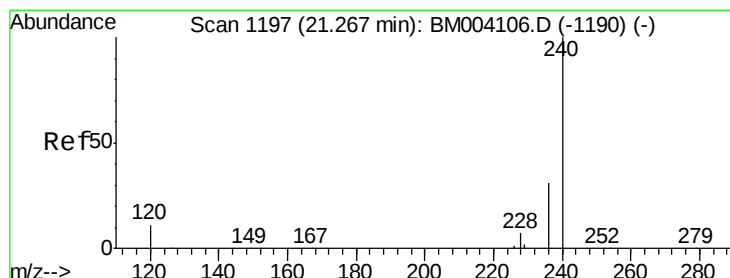
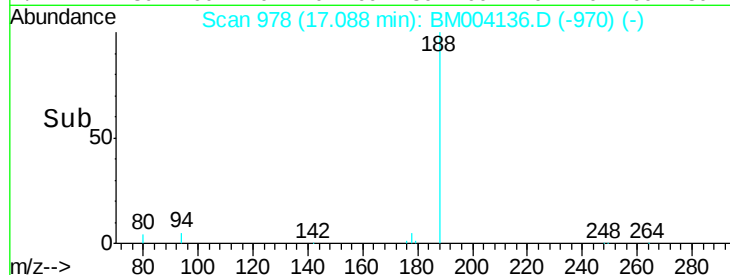
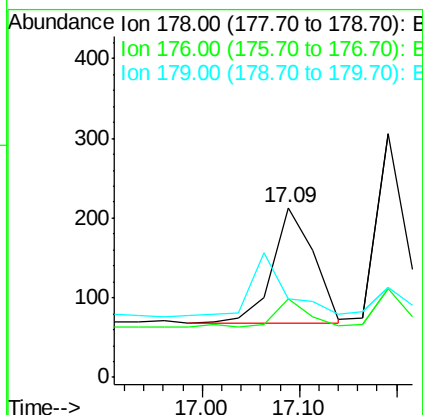
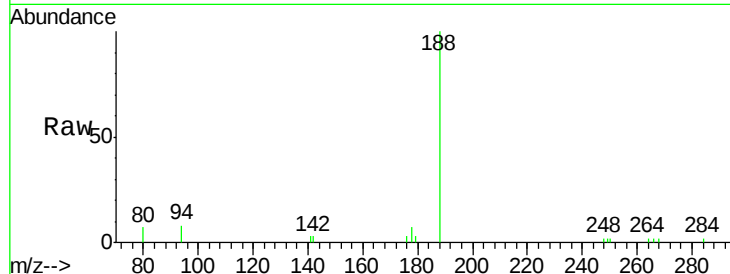




#23
Phenanthrene
Concen: Below Cal
RT: 17.09 min Scan# 978
Delta R.T. 0.00 min
Lab File: BM004136.D
Acq: 27 Jan 2016 16:13

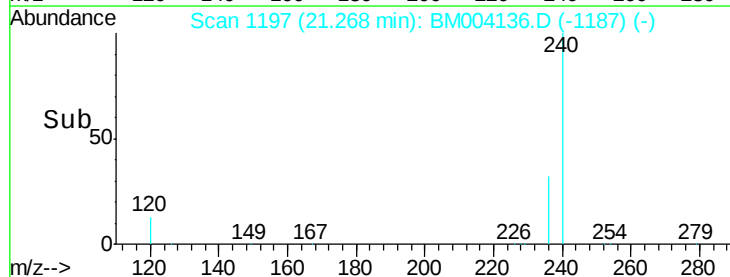
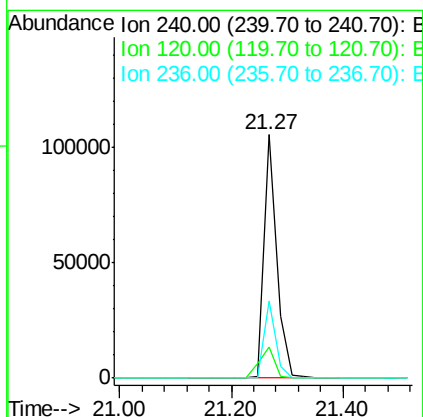
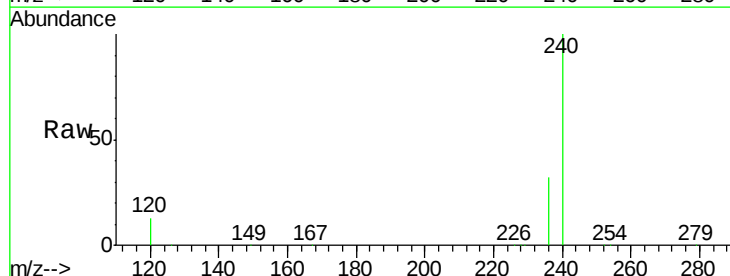
Instrument :
BNA_M
ClientSampleId :
KY038PS037-160125

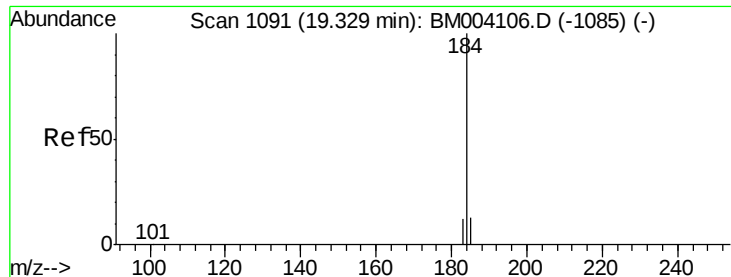
Tgt Ion:178 Resp: 432
Ion Ratio Lower Upper
178 100
176 17.8 15.4 23.0
179 0.0 12.2 18.4#



#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.27 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BM004136.D
Acq: 27 Jan 2016 16:13

Tgt Ion:240 Resp: 166580
Ion Ratio Lower Upper
240 100
120 13.0 0.9 1.3#
236 31.7 17.3 25.9#





#27

Benzidine

Concen: 0.45 ng

RT: 19.71 min Scan# 1113

Delta R.T. 0.38 min

Lab File: BM004136.D

Acq: 27 Jan 2016 16:13

Instrument :

BNA_M

ClientSampleId :

KY038PS037-160125

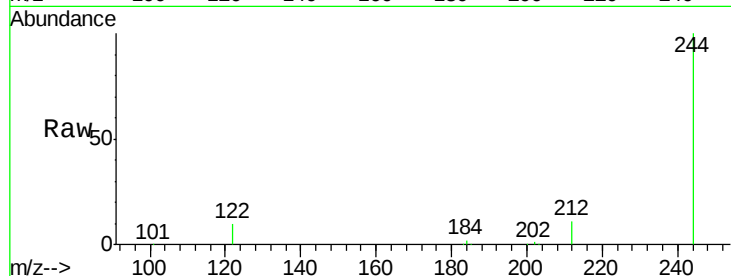
Tgt Ion:184 Resp: 2558

Ion Ratio Lower Upper

184 100

185 23.9 13.2 19.8#

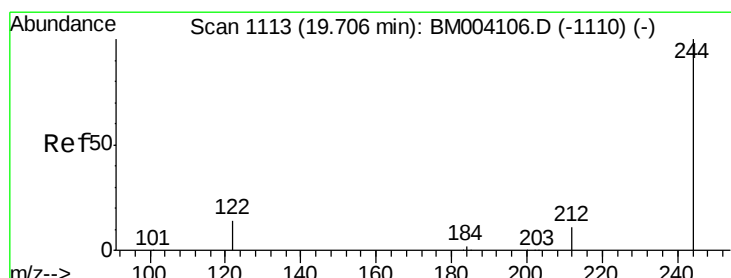
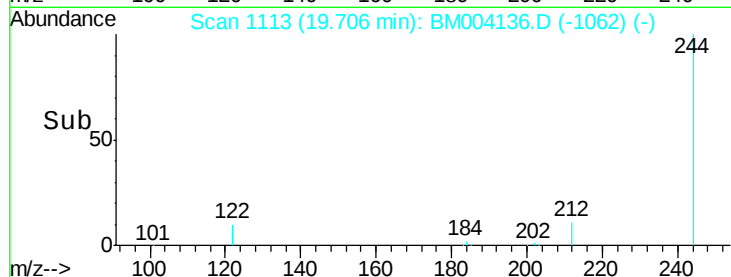
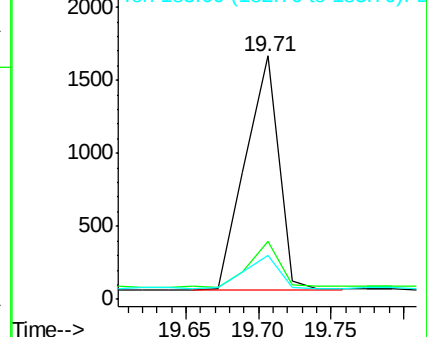
183 18.0 9.0 13.6#



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: 5.50 ng

RT: 19.71 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BM004136.D

Acq: 27 Jan 2016 16:13

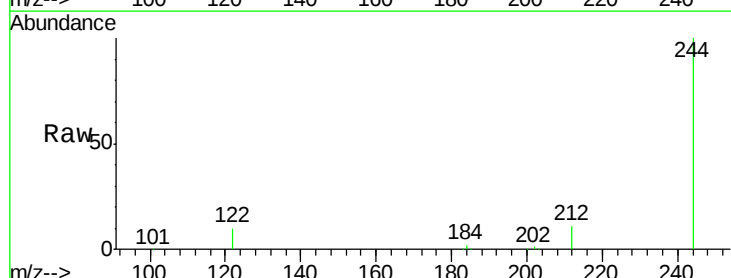
Tgt Ion:244 Resp: 116509

Ion Ratio Lower Upper

244 100

212 10.6 7.0 10.6#

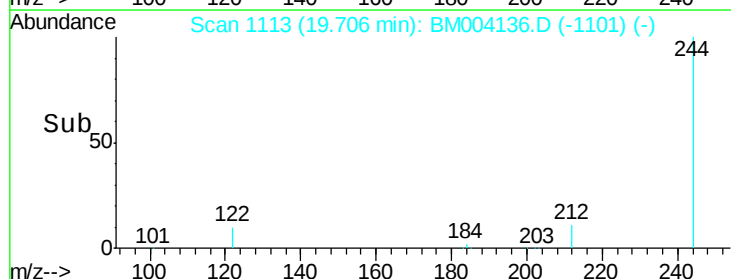
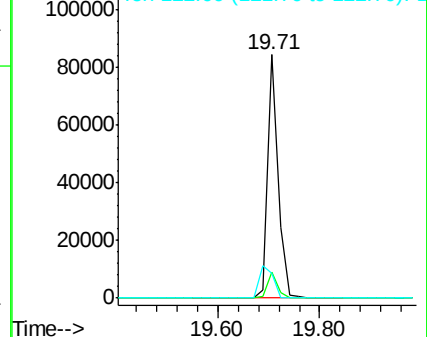
122 10.4 3.0 4.6#

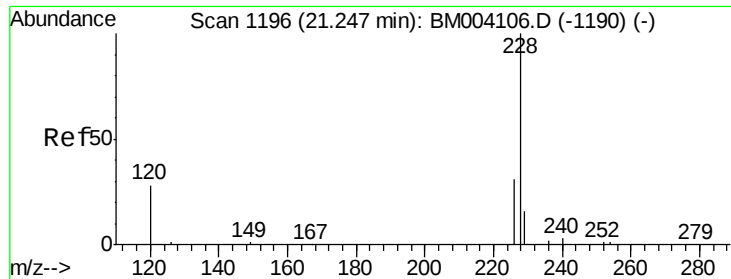


Abundance Ion 244.00 (243.70 to 244.70): E

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: BM004136.D

Acq: 27 Jan 2016 16:13

Instrument :

BNA_M

ClientSampleId :

KY038PS037-160125

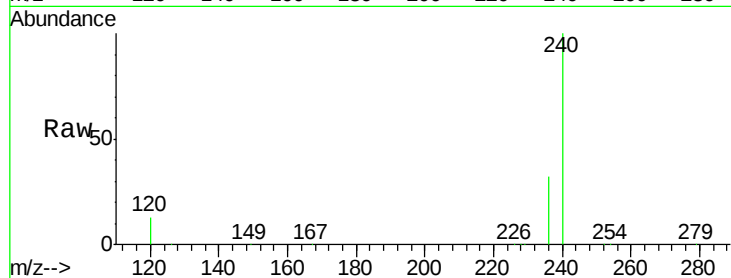
Tgt Ion:228 Resp: 977

Ion Ratio Lower Upper

228 100

226 21.4 17.2 25.8

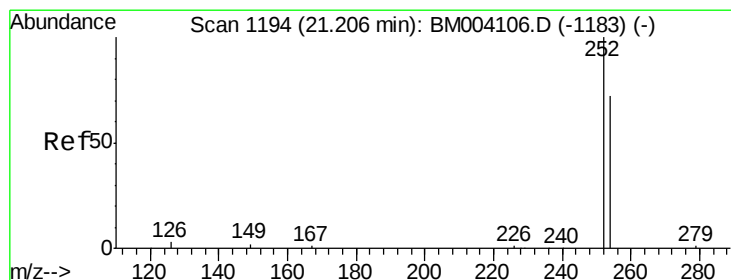
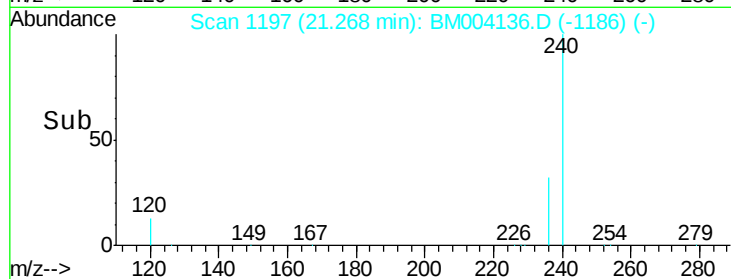
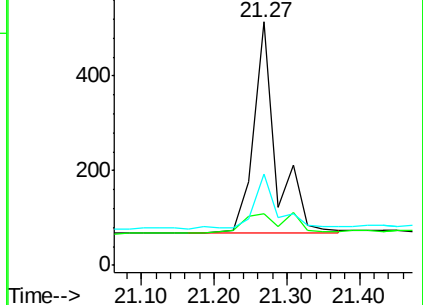
229 37.5 18.7 28.1#



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: BM004136.D

Acq: 27 Jan 2016 16:13

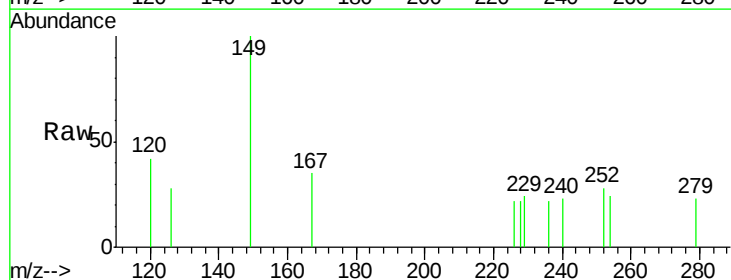
Tgt Ion:252 Resp: 37

Ion Ratio Lower Upper

252 100

254 86.0 52.6 79.0#

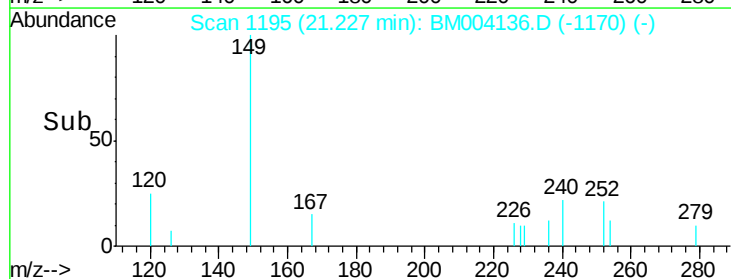
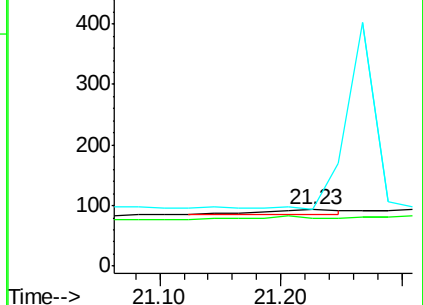
126 101.1 3.7 5.5#

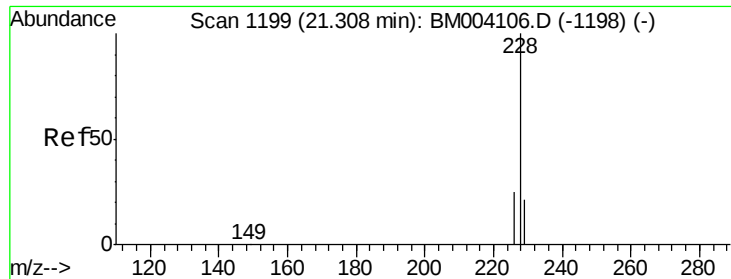


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#32

Chrysene

Concen: Below Cal

RT: 21.27 min Scan# 1197

Delta R.T. -0.04 min

Lab File: BM004136.D

Acq: 27 Jan 2016 16:13

Instrument :

BNA_M

ClientSampleId :

KY038PS037-160125

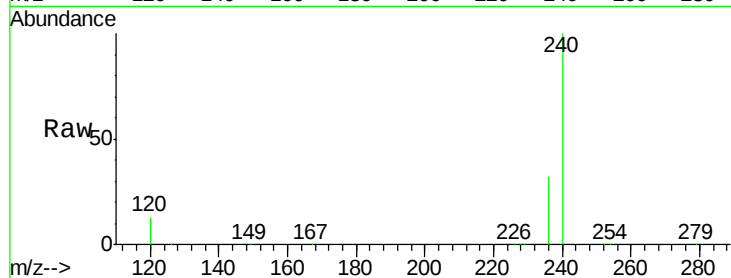
Tgt Ion:228 Resp: 983

Ion Ratio Lower Upper

228 100

226 21.4 25.3 37.9#

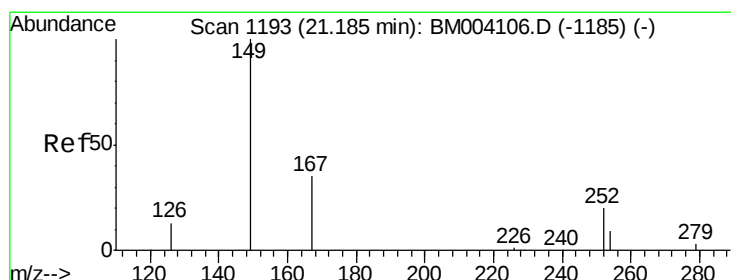
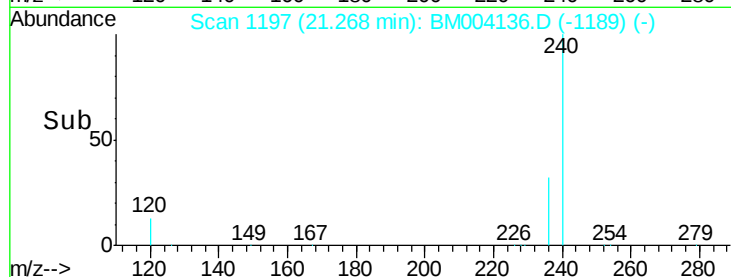
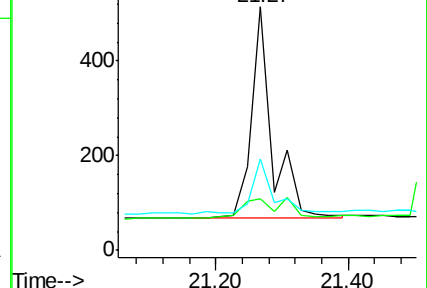
229 37.5 14.5 21.7#



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: 0.24 ng

RT: 21.19 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BM004136.D

Acq: 27 Jan 2016 16:13

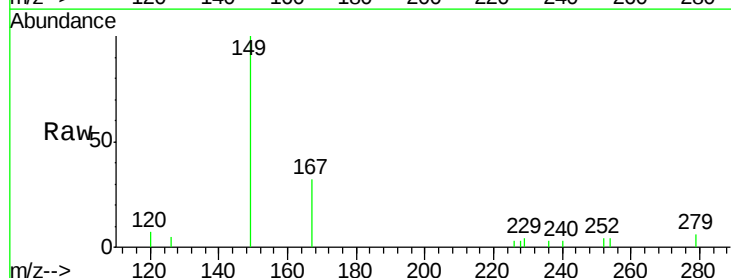
Tgt Ion:149 Resp: 3282

Ion Ratio Lower Upper

149 100

167 26.6 20.1 30.1

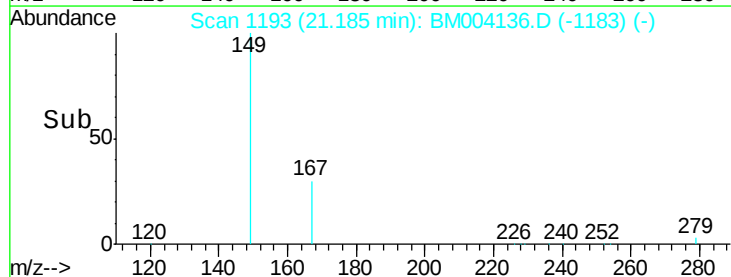
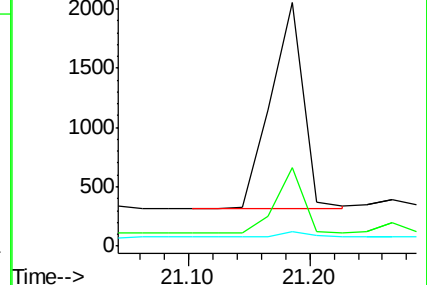
279 3.8 1.8 2.6#

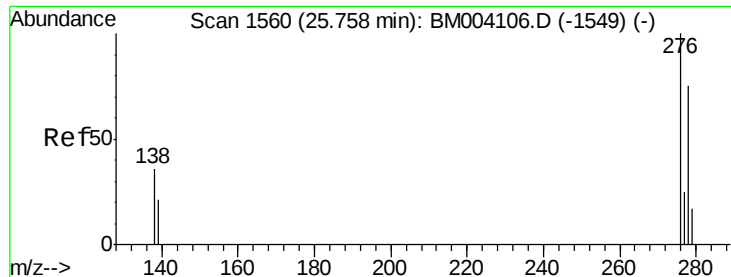


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.03 ng

RT: 25.77 min Scan# 1561

Delta R.T. 0.01 min

Lab File: BM004136.D

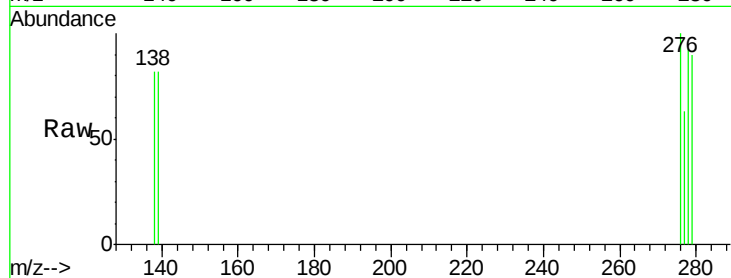
Acq: 27 Jan 2016 16:13

Instrument :

BNA_M

ClientSampleId :

KY038PS037-160125



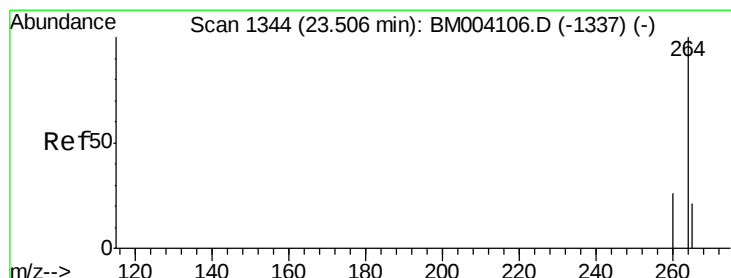
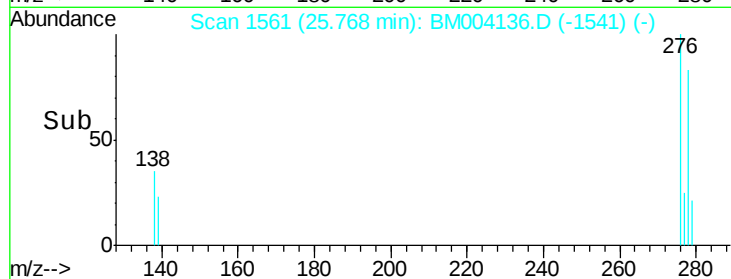
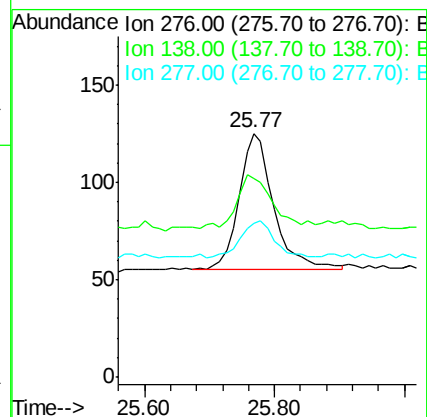
Tgt Ion: 276 Resp: 259

Ion Ratio Lower Upper

276 100

138 39.8 30.2 45.2

277 0.0 19.8 29.8#



#35

Perylene-d12

Concen: 5.00 ng

RT: 23.51 min Scan# 1344

Delta R.T. 0.00 min

Lab File: BM004136.D

Acq: 27 Jan 2016 16:13

Tgt Ion: 264 Resp: 151367

Ion Ratio Lower Upper

264 100

260 26.1 21.2 31.8

265 21.2 16.7 25.1

