

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012716\
 Data File : BM004135.D
 Acq On : 27 Jan 2016 15:37
 Operator : SJ/IZ
 Sample : H1249-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 KY038PS027-160125

Quant Time: Jan 28 00:33:47 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

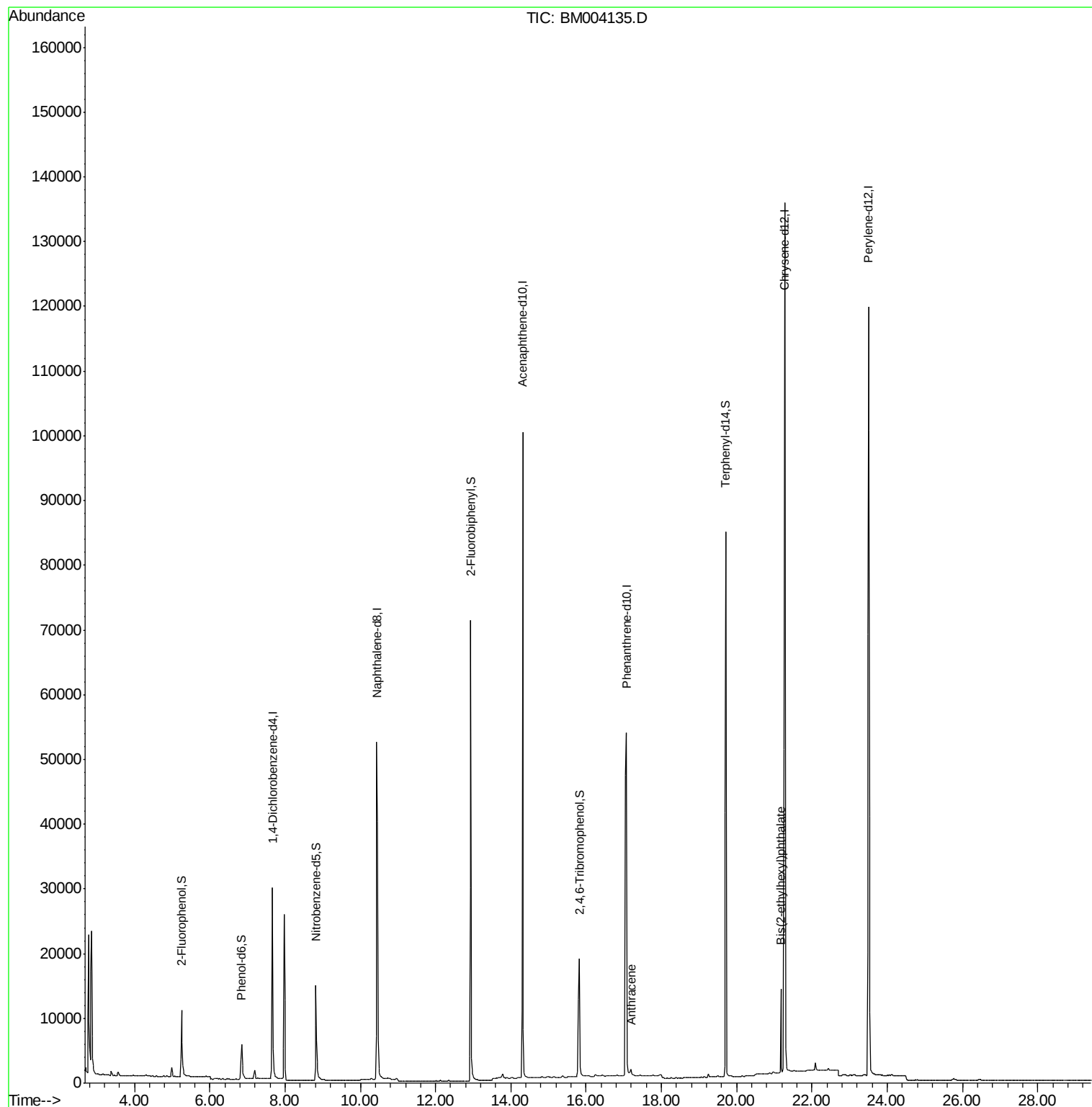
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	20231	5.00	ng	0.00
7) Naphthalene-d8	10.44	136	90621	5.00	ng	0.00
13) Acenaphthene-d10	14.31	164	59295	5.00	ng	0.00
19) Phenanthrene-d10	17.07	188	121922	5.00	ng	0.00
26) Chrysene-d12	21.28	240	161587	5.00	ng	0.00
35) Perylene-d12	23.51	264	155521	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	11077	2.62	ng	-0.02
5) Phenol-d6	6.85	99	8502	1.67	ng	0.00
8) Nitrobenzene-d5	8.82	82	16545	4.17	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	15356	6.65	ng	0.00
15) 2-Fluorobiphenyl	12.93	172	72145	3.97	ng	0.00
29) Terphenyl-d14	19.71	244	101927	4.96	ng	0.00
Target Compounds						
24) Anthracene	17.20	178	1112	0.04	ng	Qvalue 98
33) Bis(2-ethylhexyl)phthalate	21.17	149	13529	0.89	ng	# 99

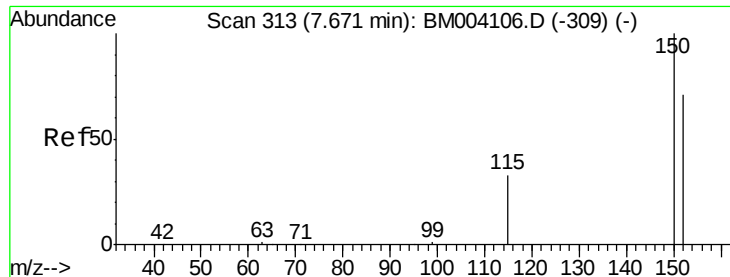
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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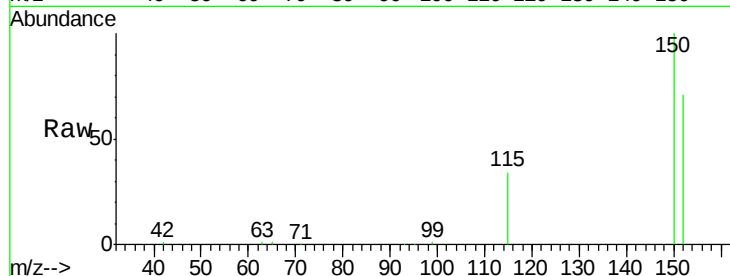


#1

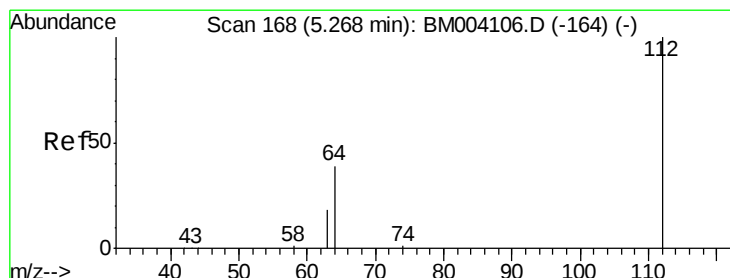
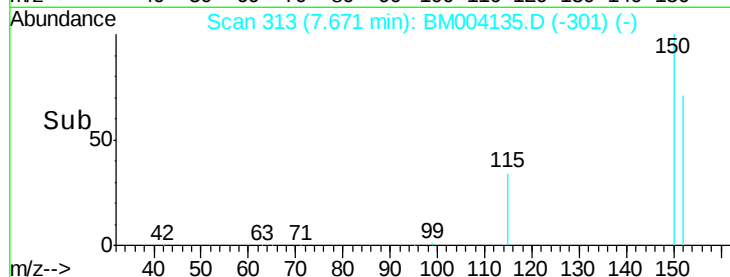
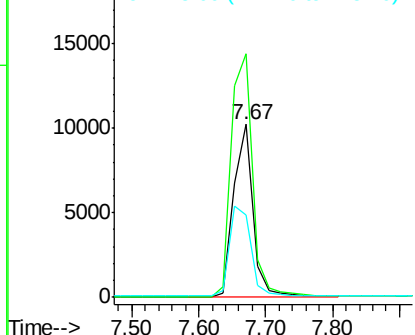
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.67 min Scan# 313
Delta R.T. -0.00 min
Lab File: BM004135.D
Acq: 27 Jan 2016 15:37

Instrument :
BNA_M
ClientSampleId :
KY038PS027-160125

Tgt Ion:152 Resp: 20231
Ion Ratio Lower Upper
152 100
150 140.9 122.9 184.3
115 47.9 44.4 66.6



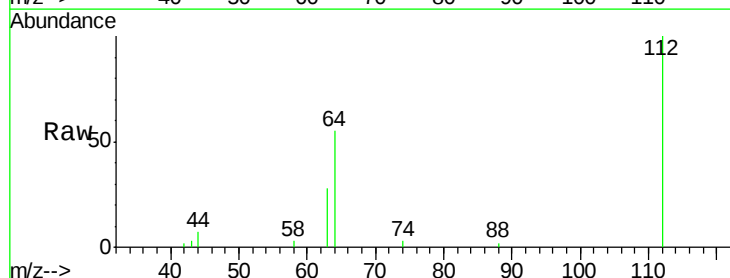
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



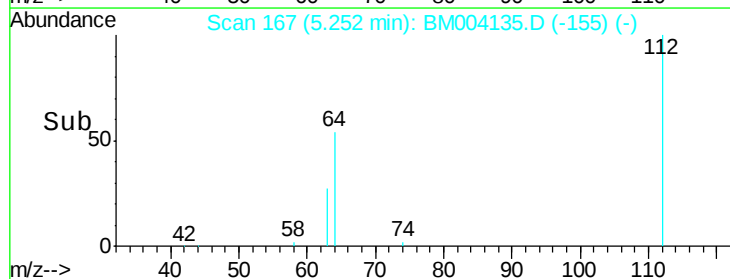
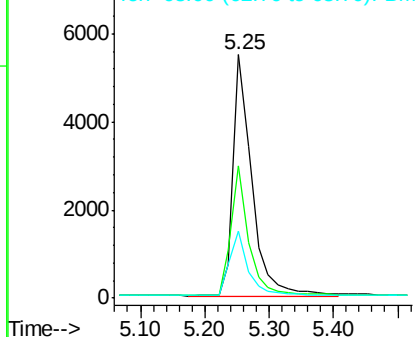
#4

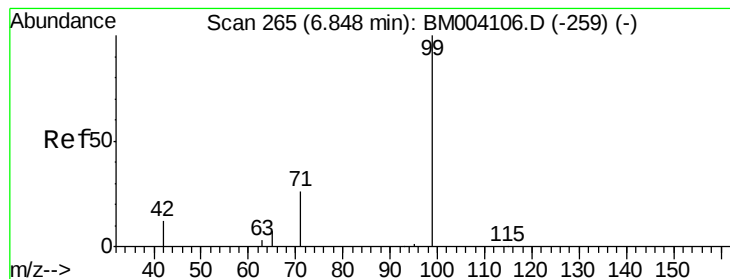
2-Fluorophenol
Concen: 2.62 ng
RT: 5.25 min Scan# 167
Delta R.T. -0.02 min
Lab File: BM004135.D
Acq: 27 Jan 2016 15:37

Tgt Ion:112 Resp: 11077
Ion Ratio Lower Upper
112 100
64 51.8 41.8 62.8
63 27.1 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: 1.67 ng

RT: 6.85 min Scan# 265

Delta R.T. -0.00 min

Lab File: BM004135.D

Acq: 27 Jan 2016 15:37

Instrument :

BNA_M

ClientSampleId :

KY038PS027-160125

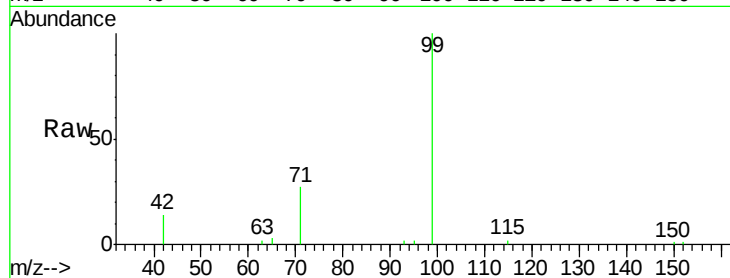
Tgt Ion: 99 Resp: 8502

Ion Ratio Lower Upper

99 100

42 18.3 16.2 24.2

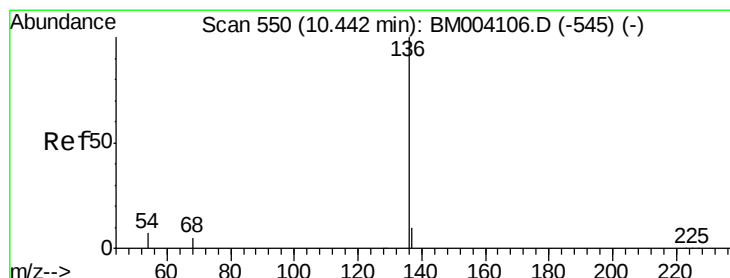
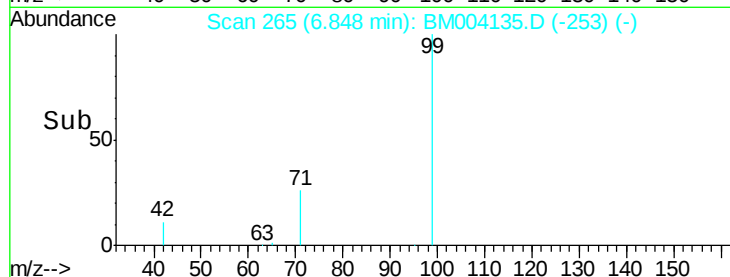
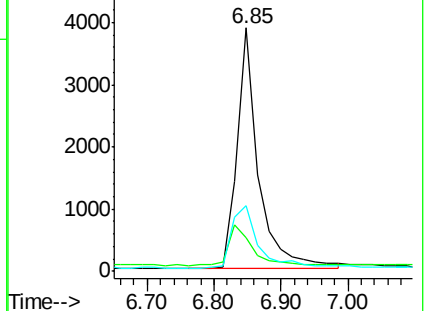
71 32.8 24.4 36.6



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# 549

Delta R.T. -0.00 min

Lab File: BM004135.D

Acq: 27 Jan 2016 15:37

Tgt Ion: 136 Resp: 90621

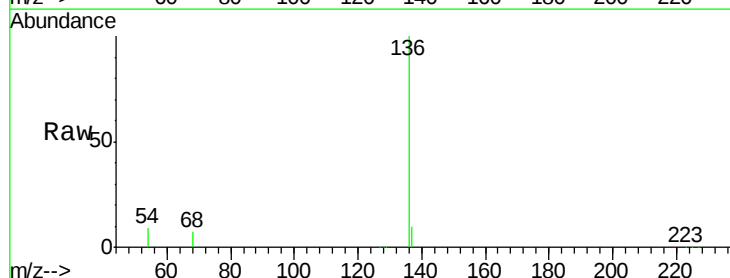
Ion Ratio Lower Upper

136 100

137 10.1 9.2 13.8

54 9.1 2.8 4.2#

68 6.6 2.5 3.7#

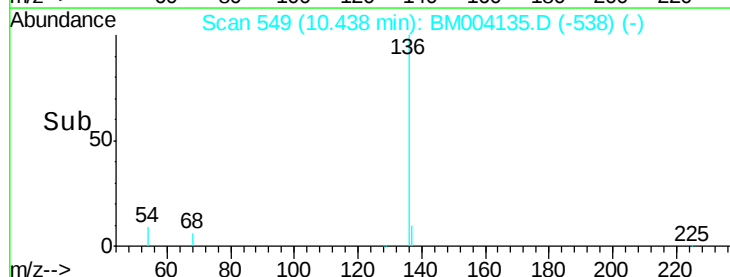
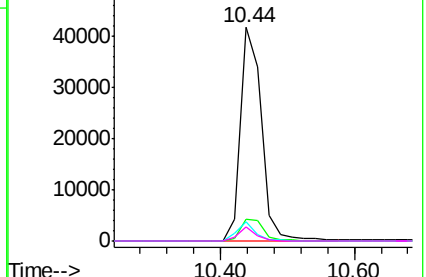


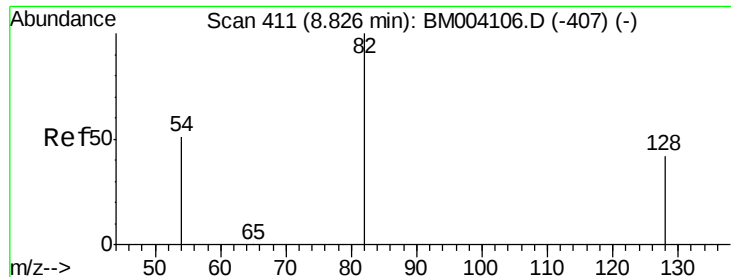
Abundance Ion 136.00 (135.70 to 136.70): BM004106.D (-545) (-)

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: 4.17 ng

RT: 8.82 min Scan# 410

Delta R.T. -0.00 min

Lab File: BM004135.D

Acq: 27 Jan 2016 15:37

Instrument :

BNA_M

ClientSampleId :

KY038PS027-160125

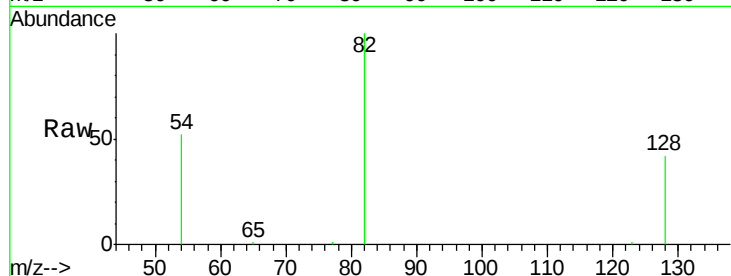
Tgt Ion: 82 Resp: 16545

Ion Ratio Lower Upper

82 100

128 42.3 39.1 58.7

54 51.9 34.8 52.2

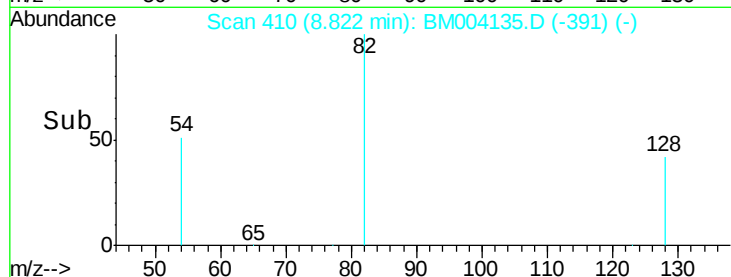


Abundance Ion 82.00 (81.70 to 82.70): BM004106.D (-407) (-)

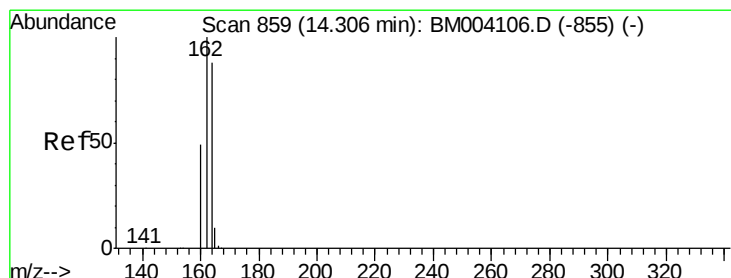
Ion 128.00 (127.70 to 128.70): BM004106.D (-407) (-)

Ion 54.00 (53.70 to 54.70): BM004106.D (-407) (-)

Time-->



Time-->



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.31 min Scan# 859

Delta R.T. 0.01 min

Lab File: BM004135.D

Acq: 27 Jan 2016 15:37

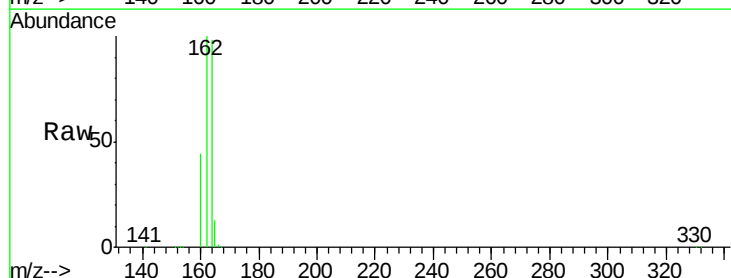
Tgt Ion: 164 Resp: 59295

Ion Ratio Lower Upper

164 100

162 101.8 86.0 129.0

160 44.6 40.3 60.5

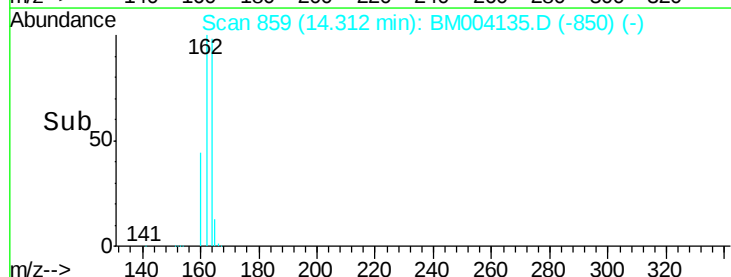


Abundance Ion 164.00 (163.70 to 164.70): BM004106.D (-855) (-)

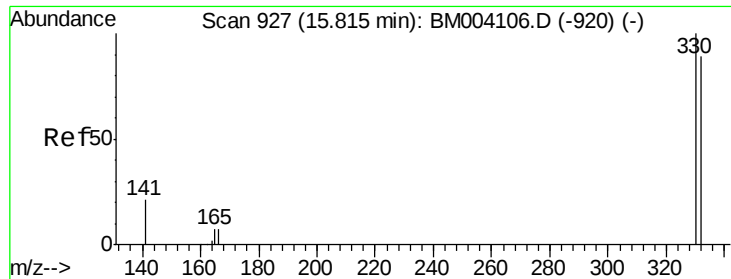
Ion 162.00 (161.70 to 162.70): BM004106.D (-855) (-)

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

Time-->



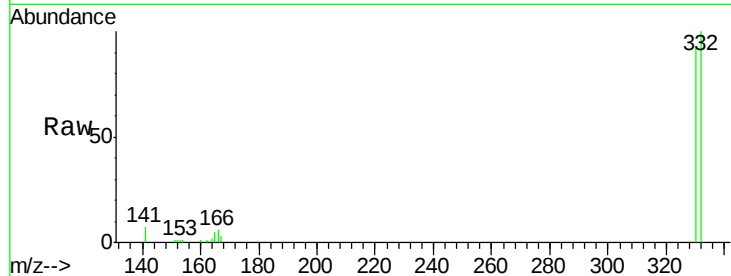
Time-->



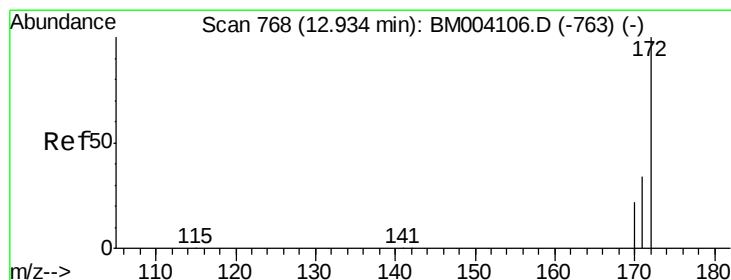
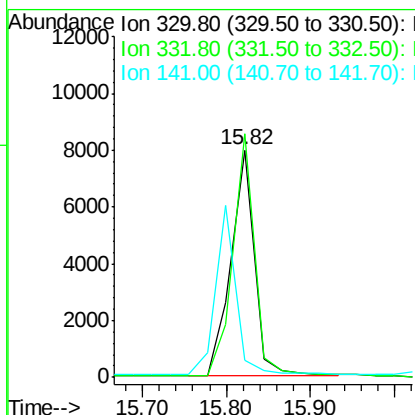
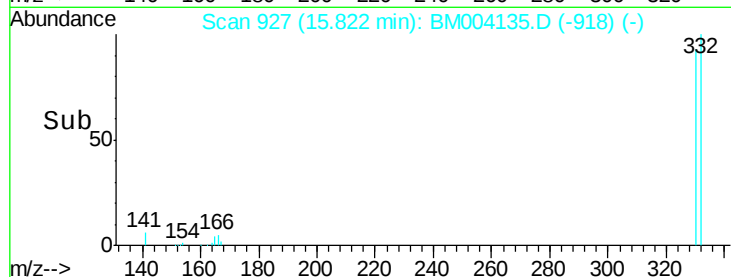
#14
 2,4,6-Tribromophenol
 Concen: 6.65 ng
 RT: 15.82 min Scan# 927
 Delta R.T. 0.01 min
 Lab File: BM004135.D
 Acq: 27 Jan 2016 15:37

Instrument :
 BNA_M
 ClientSampleId :
 KY038PS027-160125

Tgt Ion:330 Resp: 15356
 Ion Ratio Lower Upper
 330 100
 332 98.8 79.0 118.4
 141 0.0 27.8 41.6#

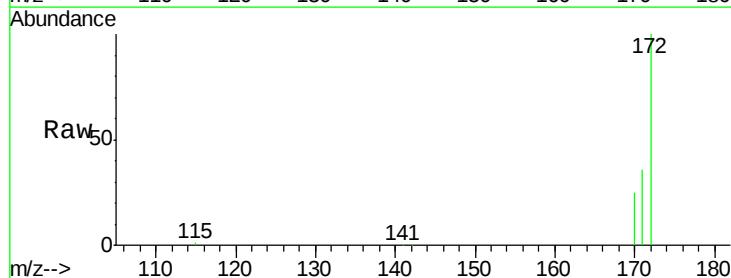


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

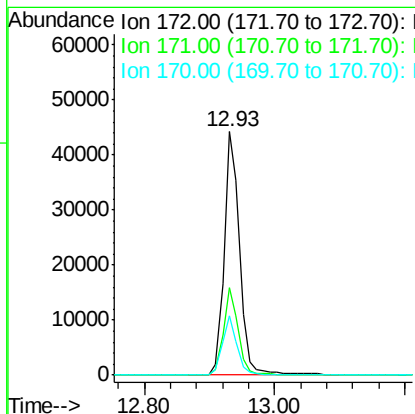
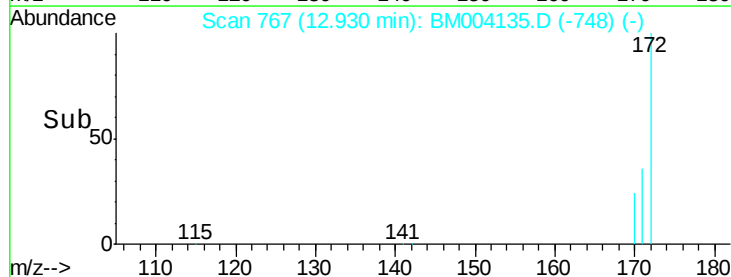


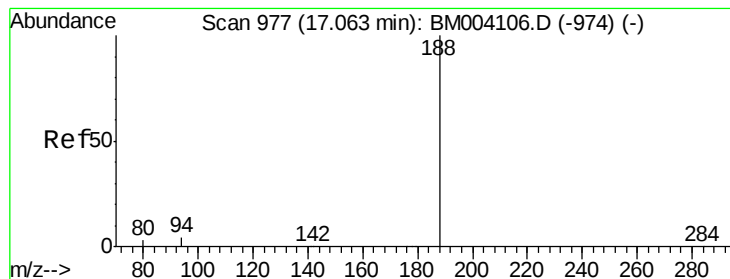
#15
 2-Fluorobiphenyl
 Concen: 3.97 ng
 RT: 12.93 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BM004135.D
 Acq: 27 Jan 2016 15:37

Tgt Ion:172 Resp: 72145
 Ion Ratio Lower Upper
 172 100
 171 36.1 27.0 40.6
 170 24.6 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: BM004135.D

Acq: 27 Jan 2016 15:37

Instrument :

BNA_M

ClientSampleId :

KY038PS027-160125

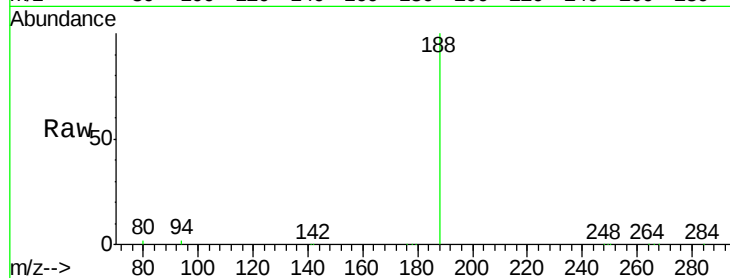
Tgt Ion:188 Resp: 121922

Ion Ratio Lower Upper

188 100

94 2.3 20.3 30.5#

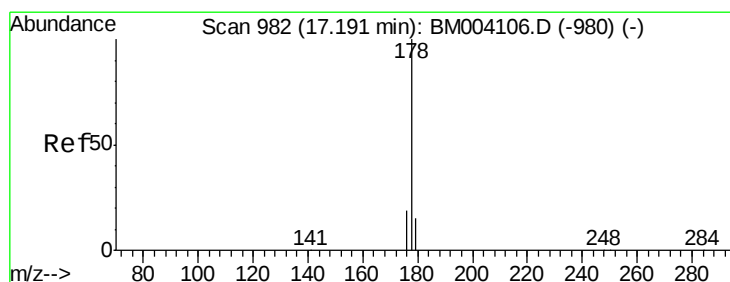
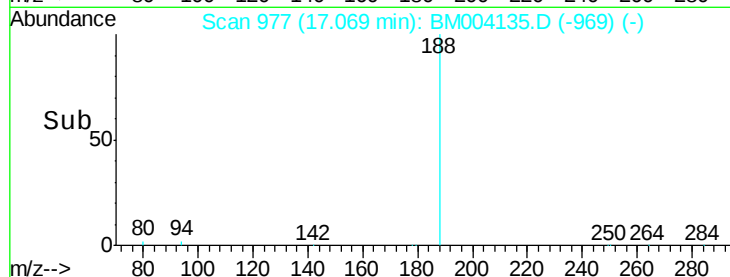
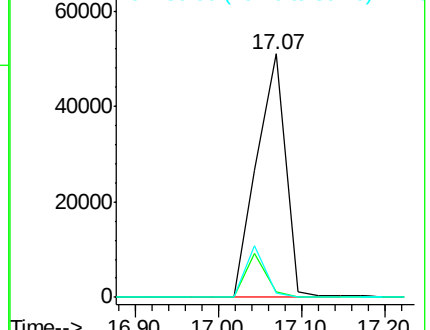
80 1.8 22.2 33.4#



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



#24

Anthracene

Concen: 0.04 ng

RT: 17.20 min Scan# 982

Delta R.T. 0.01 min

Lab File: BM004135.D

Acq: 27 Jan 2016 15:37

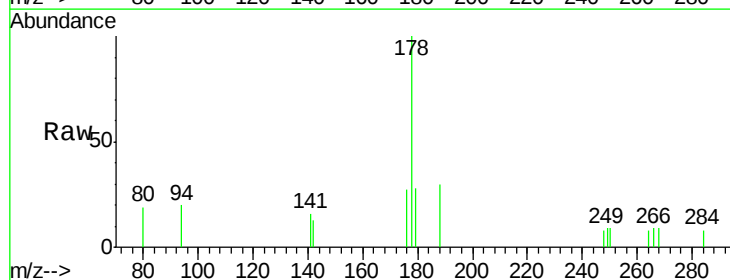
Tgt Ion:178 Resp: 1112

Ion Ratio Lower Upper

178 100

176 18.3 14.6 21.8

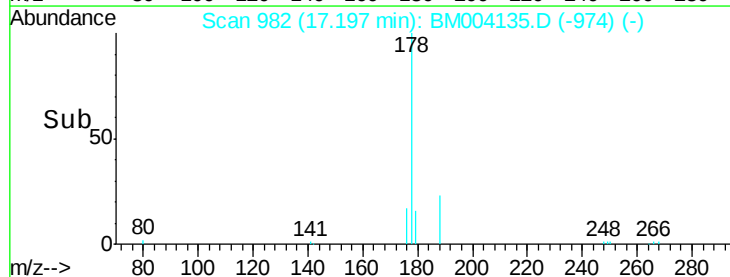
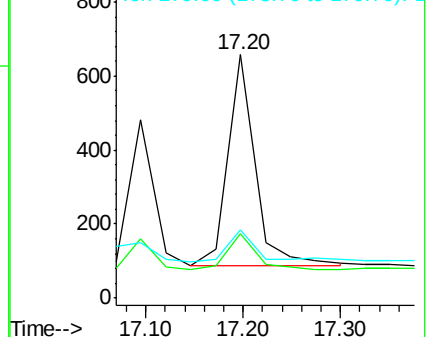
179 17.9 12.6 19.0

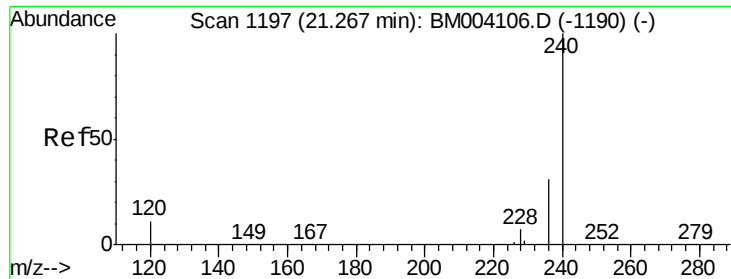


Abundance Ion 178.00 (177.70 to 178.70): E

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: 21.28 min Scan# 1197

Delta R.T. 0.01 min

Lab File: BM004135.D

Acq: 27 Jan 2016 15:37

Instrument :

BNA_M

ClientSampleId :

KY038PS027-160125

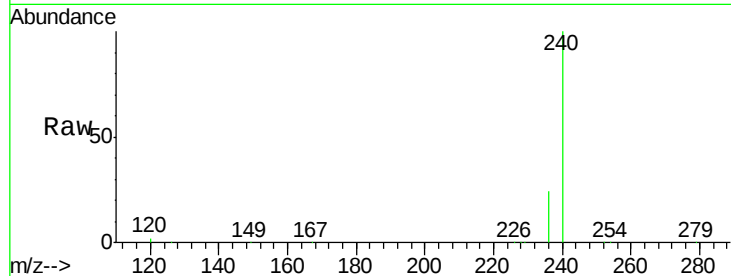
Tgt Ion:240 Resp: 161587

Ion Ratio Lower Upper

240 100

120 2.0 0.9 1.3#

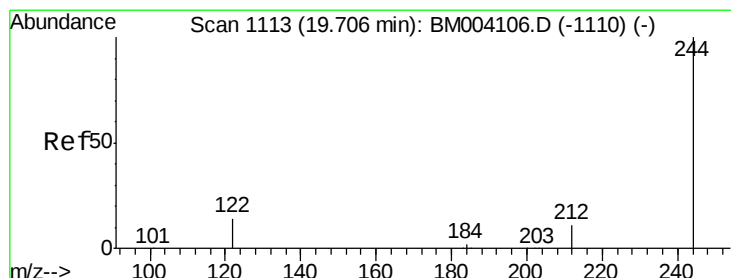
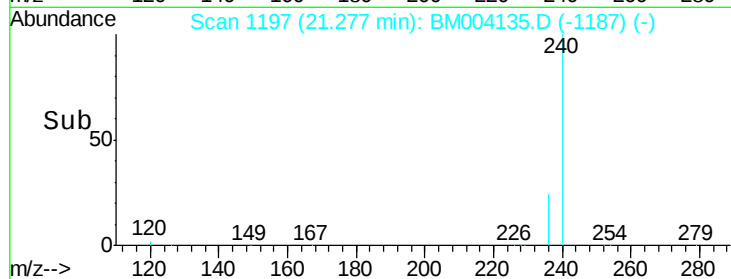
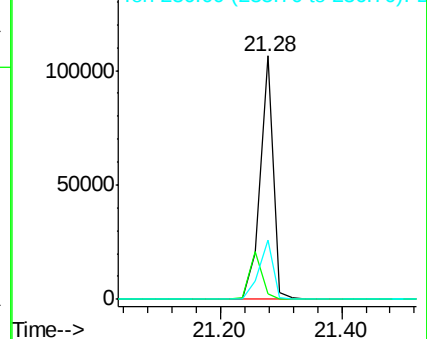
236 24.1 17.3 25.9



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



#29

Terphenyl-d14

Concen: 4.96 ng

RT: 19.71 min Scan# 1113

Delta R.T. 0.01 min

Lab File: BM004135.D

Acq: 27 Jan 2016 15:37

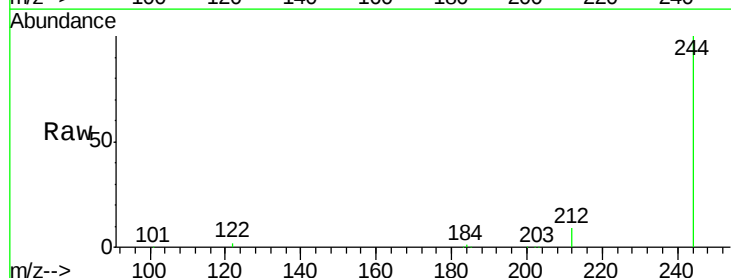
Tgt Ion:244 Resp: 101927

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

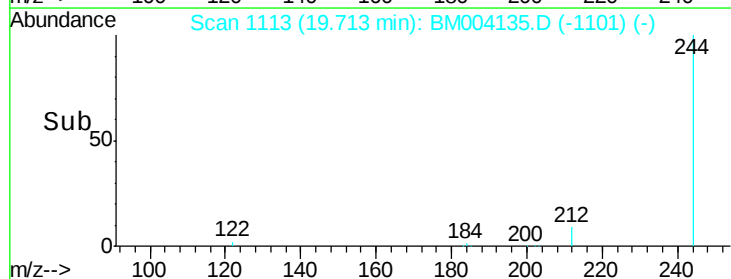
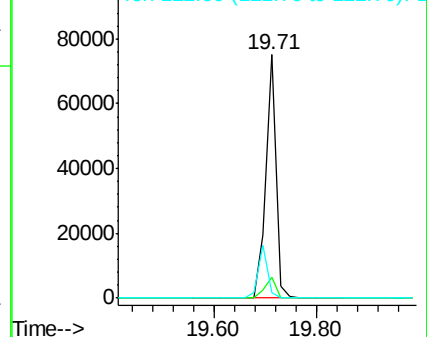
122 2.5 3.0 4.6#

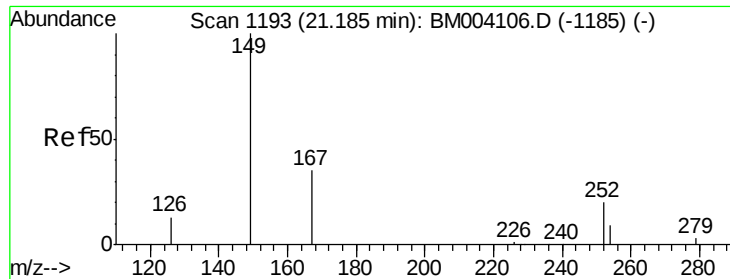


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

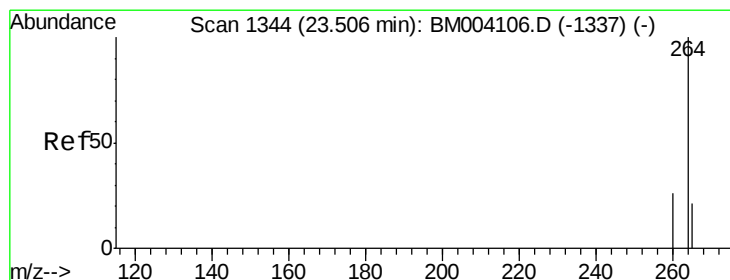
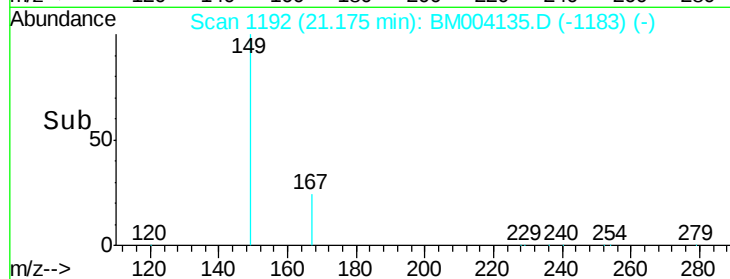
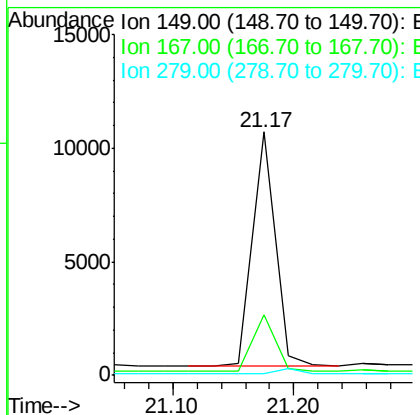
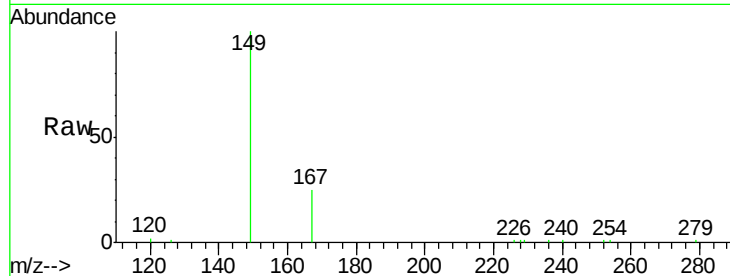




#33
 Bis(2-ethylhexyl)phthalate
 Concen: 0.89 ng
 RT: 21.17 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BM004135.D
 Acq: 27 Jan 2016 15:37

Instrument :
 BNA_M
 ClientSampleId :
 KY038PS027-160125

Tgt Ion:149 Resp: 13529
 Ion Ratio Lower Upper
 149 100
 167 24.6 20.1 30.1
 279 0.0 1.8 2.6#



#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.51 min Scan# 1343
 Delta R.T. -0.00 min
 Lab File: BM004135.D
 Acq: 27 Jan 2016 15:37

Tgt Ion:264 Resp: 155521
 Ion Ratio Lower Upper
 264 100
 260 26.2 21.2 31.8
 265 20.6 16.7 25.1

