

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122415\
 Data File : BM003769.D
 Acq On : 24 Dec 2015 08:20
 Operator : UM/SJ
 Sample : G4860-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VM-1

Quant Time: Dec 24 17:05:58 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 10:08:49 2015
 Response via : Initial Calibration

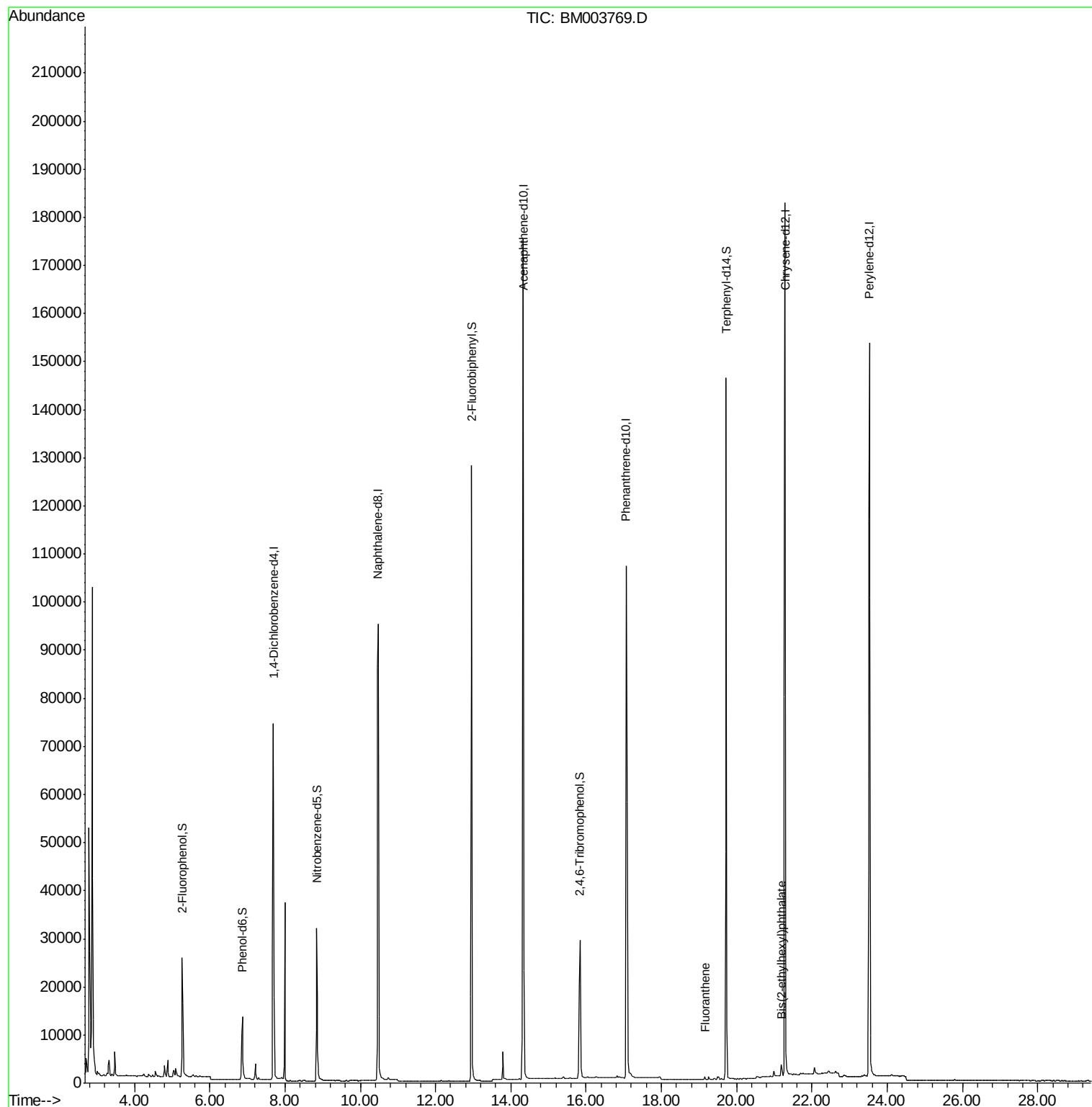
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	39171	5.00	ng	0.00
7) Naphthalene-d8	10.48	136	172362	5.00	ng	0.00
13) Acenaphthene-d10	14.33	164	102240	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	199150	5.00	ng	0.00
26) Chrysene-d12	21.29	240	226198	5.00	ng	0.00
35) Perylene-d12	23.53	264	200170	5.00	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	24875	2.69	ng	0.00
5) Phenol-d6	6.87	99	19211	1.69	ng	0.00
8) Nitrobenzene-d5	8.85	82	32555	3.56	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	23752	7.40	ng	0.00
15) 2-Fluorobiphenyl	12.95	172	127139	4.06	ng	0.00
29) Terphenyl-d14	19.72	244	161658	4.51	ng	0.00
Target Compounds						
25) Fluoranthene	19.16	202	761	0.11	ng	# 93
33) Bis(2-ethylhexyl)phthalate	21.19	149	3952	0.27	ng	# 81

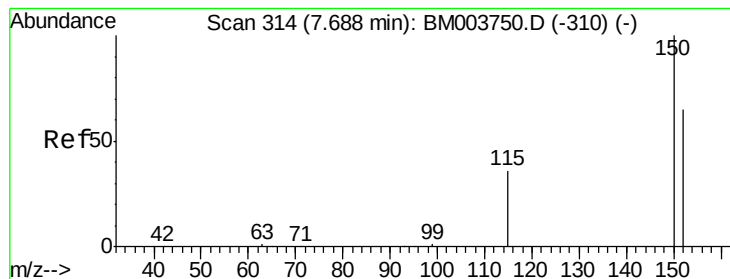
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.69 min Scan# 314

Delta R.T. -0.00 min

Lab File: BM003769.D

Acq: 24 Dec 2015 08:20

Instrument :

BNA_M

ClientSampleId :

VM-1

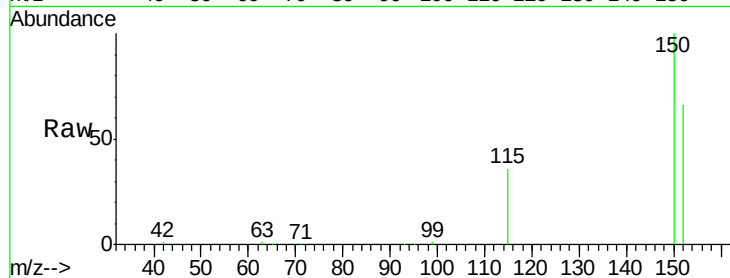
Tot Ion:152 Resp: 39171

Ion Ratio Lower Upper

152 100

150 152.2 122.9 184.3

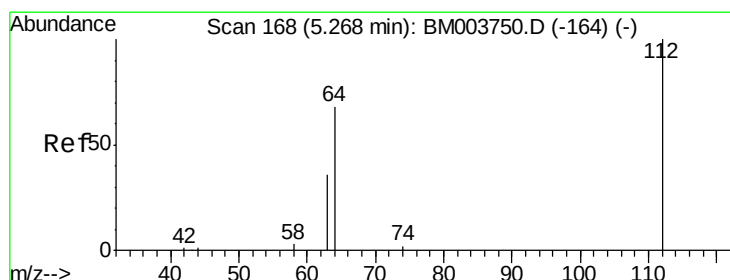
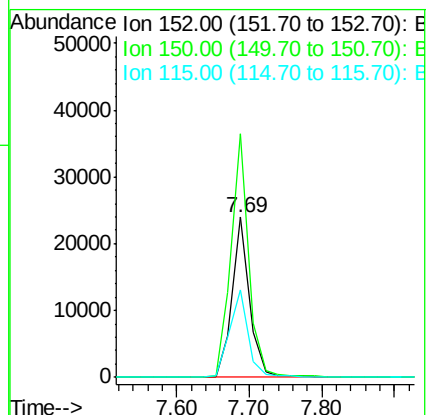
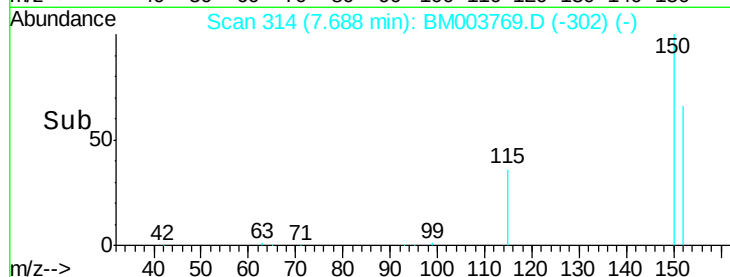
115 54.8 44.4 66.6



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: 2.69 ng

RT: 5.27 min Scan# 168

Delta R.T. -0.00 min

Lab File: BM003769.D

Acq: 24 Dec 2015 08:20

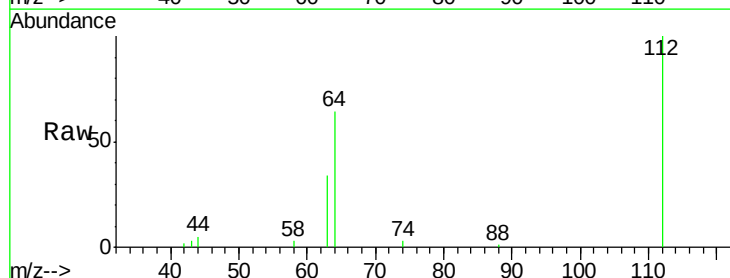
Tgt Ion:112 Resp: 24875

Ion Ratio Lower Upper

112 100

64 52.3 41.8 62.8

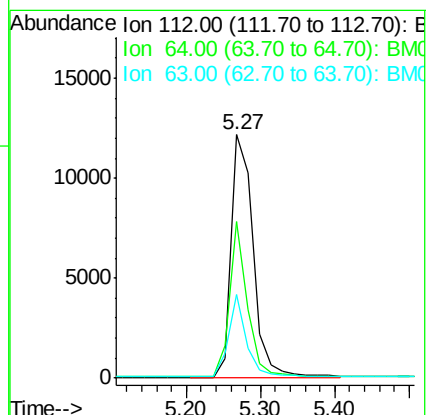
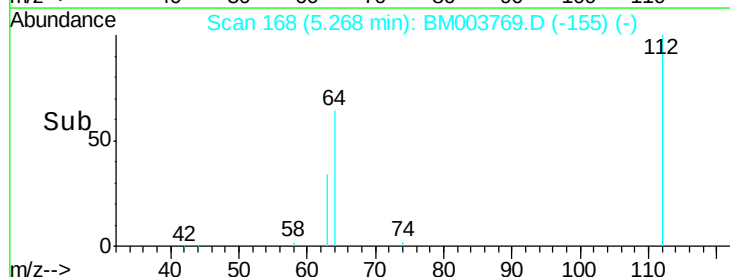
63 27.5 22.1 33.1

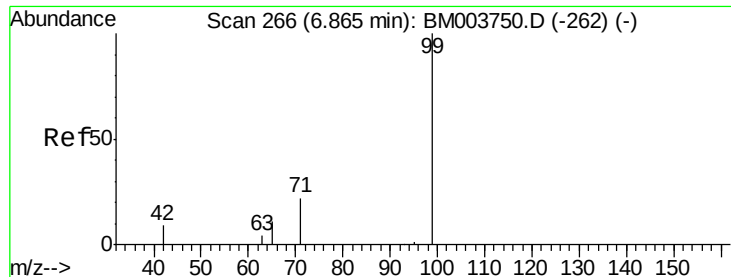


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 1.69 ng

RT: 6.87 min Scan# 266

Delta R.T. -0.00 min

Lab File: BM003769.D

Acq: 24 Dec 2015 08:20

Instrument :

BNA_M

ClientSampleId :

VM-1

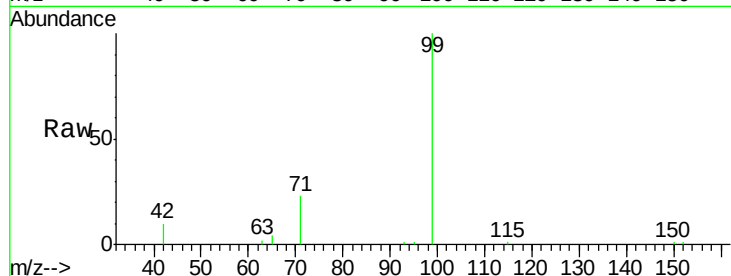
Tot Ion: 99 Resp: 19211

Ion Ratio Lower Upper

99 100

42 19.0 16.2 24.2

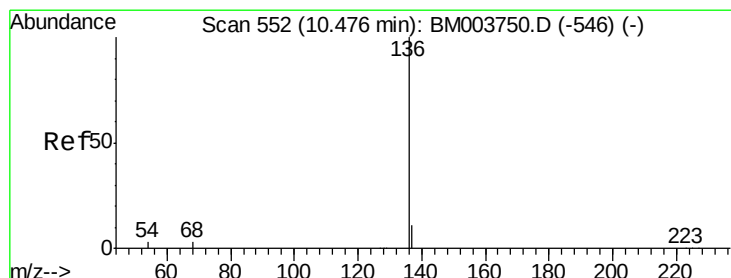
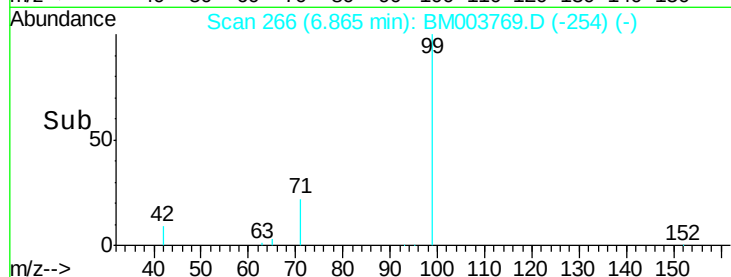
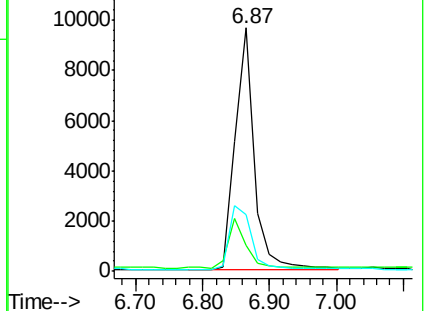
71 30.6 24.4 36.6



Abundance Ion 99.00 (98.70 to 99.70): BM003750.D (-262) (-)

Ion 42.00 (41.70 to 42.70): BM003750.D (-262) (-)

Ion 71.00 (70.70 to 71.70): BM003750.D (-262) (-)



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.48 min Scan# 552

Delta R.T. -0.00 min

Lab File: BM003769.D

Acq: 24 Dec 2015 08:20

Tgt Ion: 136 Resp: 172362

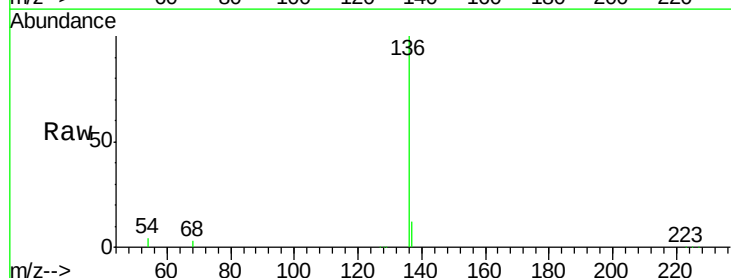
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 3.6 2.8 4.2

68 3.2 2.5 3.7

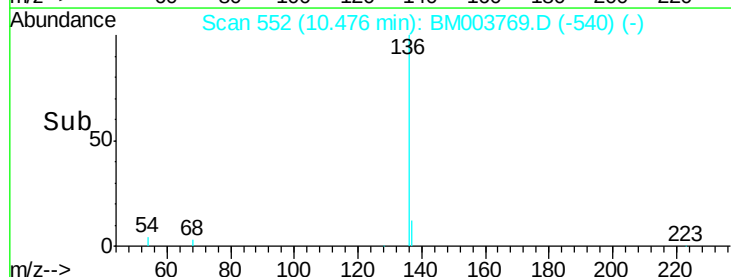
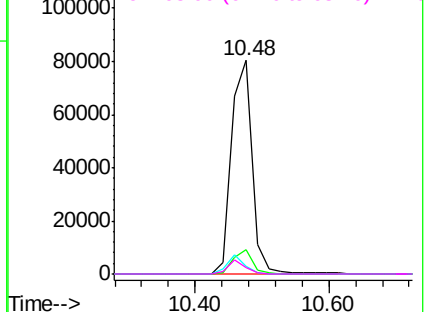


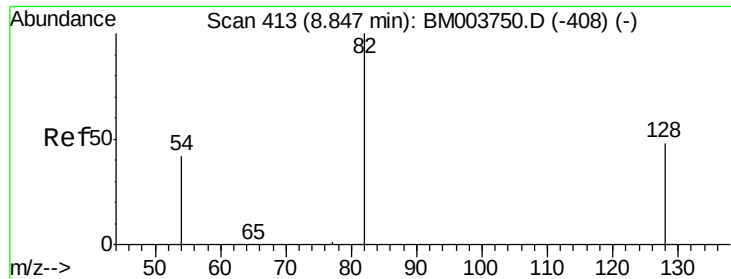
Abundance Ion 136.00 (135.70 to 136.70): BM003750.D (-546) (-)

Ion 137.00 (136.70 to 137.70): BM003750.D (-546) (-)

Ion 54.00 (53.70 to 54.70): BM003750.D (-546) (-)

Ion 68.00 (67.70 to 68.70): BM003750.D (-546) (-)





#8

Nitrobenzene-d5

Concen: 3.56 ng

RT: 8.85 min Scan# 413

Delta R.T. -0.00 min

Lab File: BM003769.D

Acq: 24 Dec 2015 08:20

Instrument :

BNA_M

ClientSampled :

VM-1

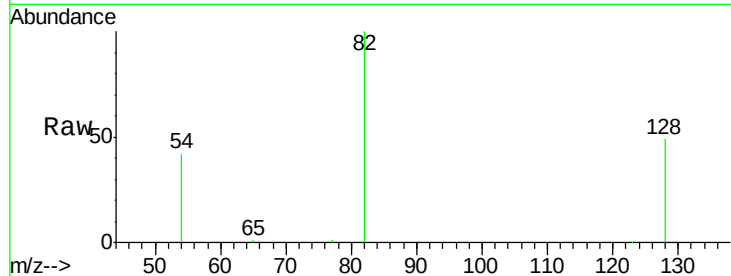
Tot Ion: 82 Resp: 32555

Ion Ratio Lower Upper

82 100

128 49.0 39.1 58.7

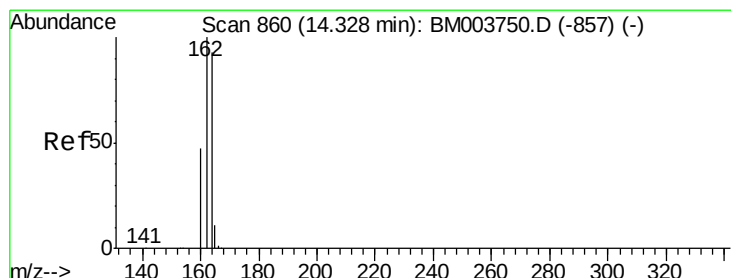
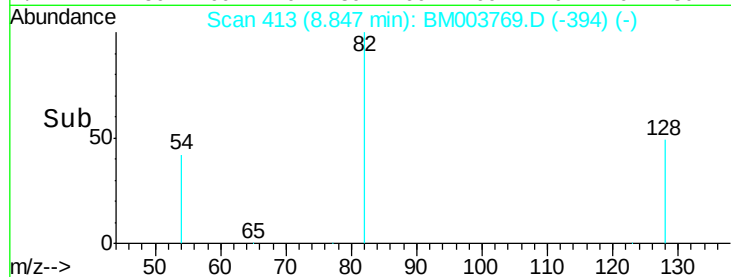
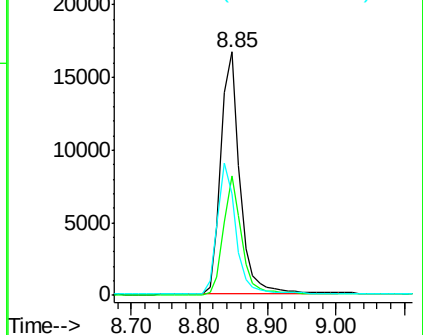
54 41.8 34.8 52.2



Abundance Ion 82.00 (81.70 to 82.70): BM003750.D (-408) (-)

Ion 128.00 (127.70 to 128.70): BM003750.D (-408) (-)

Ion 54.00 (53.70 to 54.70): BM003750.D (-408) (-)



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.33 min Scan# 860

Delta R.T. -0.00 min

Lab File: BM003769.D

Acq: 24 Dec 2015 08:20

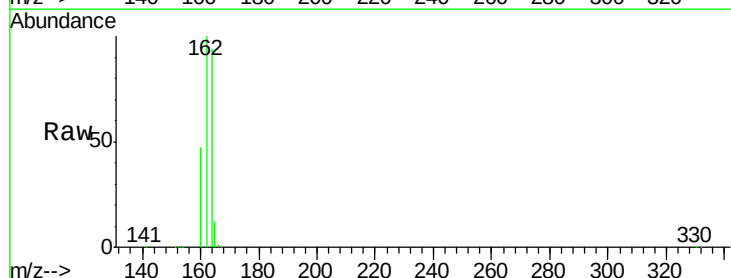
Tgt Ion: 164 Resp: 102240

Ion Ratio Lower Upper

164 100

162 106.9 86.0 129.0

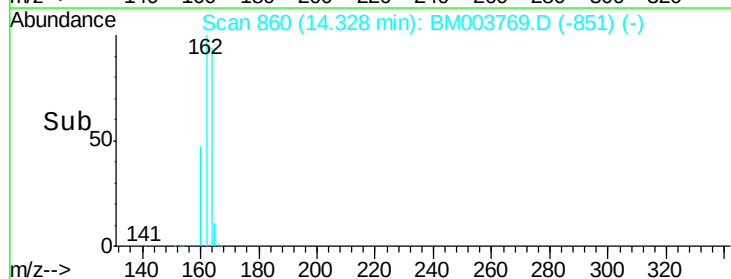
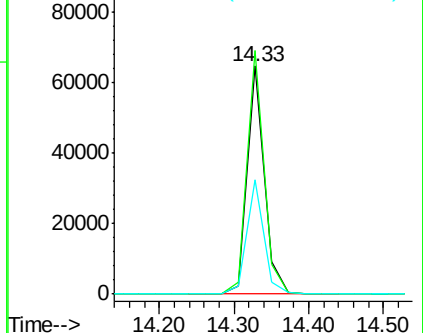
160 50.0 40.3 60.5

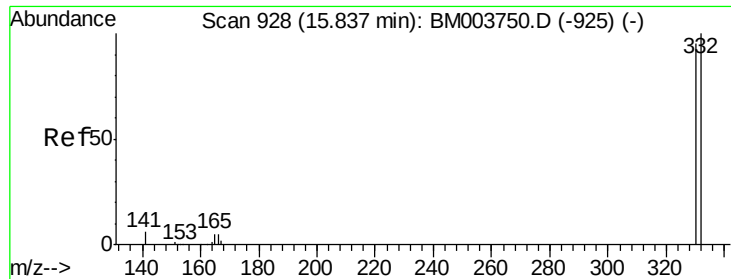


Abundance Ion 164.00 (163.70 to 164.70): BM003750.D (-857) (-)

Ion 162.00 (161.70 to 162.70): BM003750.D (-857) (-)

Ion 160.00 (159.70 to 160.70): BM003750.D (-857) (-)

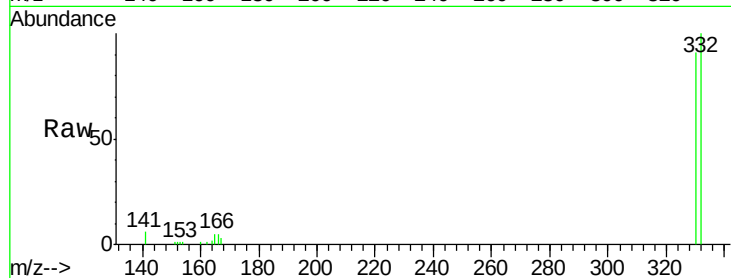




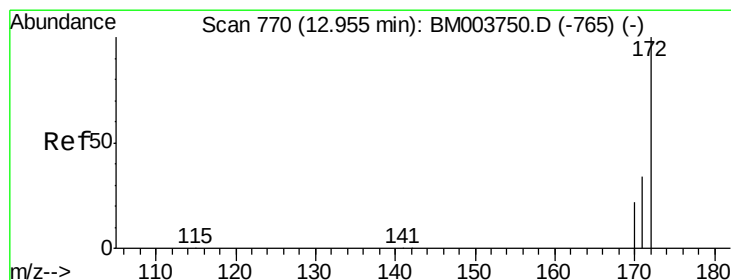
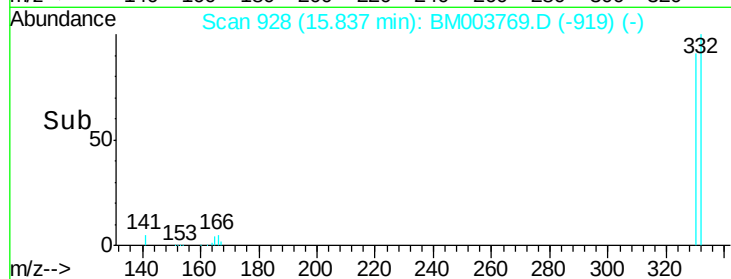
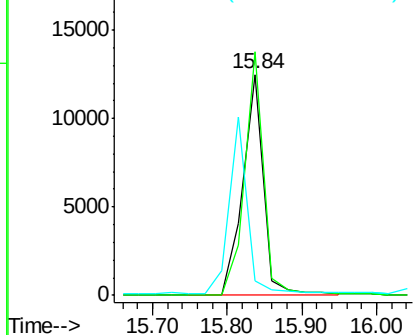
#14
 2,4,6-Tribromophenol
 Concen: 7.40 ng
 RT: 15.84 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: BM003769.D
 Acq: 24 Dec 2015 08:20

Instrument :
 BNA_M
 ClientSampleId :
 VM-1

Tot Ion:330 Resp: 23752
 Ion Ratio Lower Upper
 330 100
 332 101.0 79.0 118.4
 141 0.0 0.0 0.0

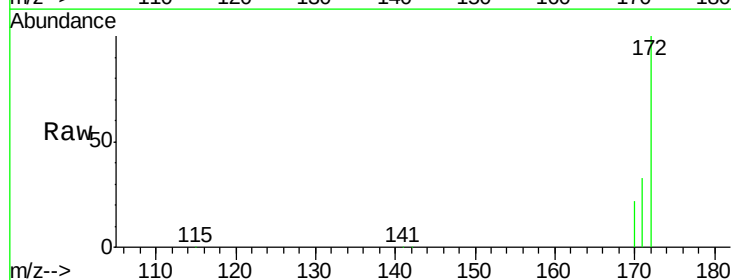


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

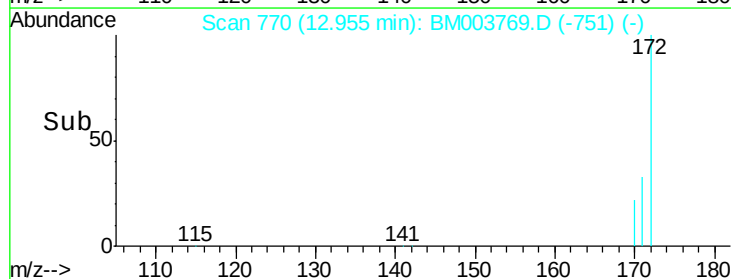
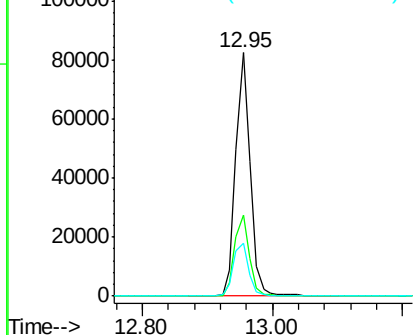


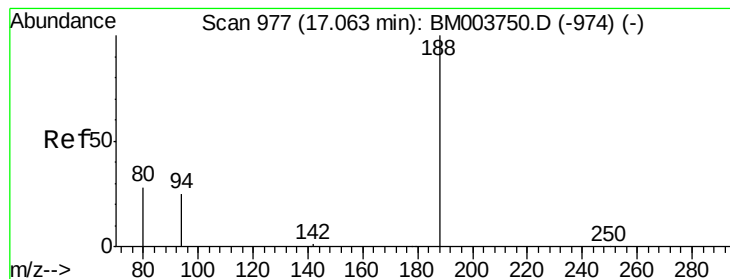
#15
 2-Fluorobiphenyl
 Concen: 4.06 ng
 RT: 12.95 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BM003769.D
 Acq: 24 Dec 2015 08:20

Tgt Ion:172 Resp: 127139
 Ion Ratio Lower Upper
 172 100
 171 33.5 27.0 40.6
 170 21.6 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: 17.06 min Scan# 977

Delta R.T. -0.00 min

Lab File: BM003769.D

Acq: 24 Dec 2015 08:20

Instrument :

BNA_M

ClientSampleId :

VM-1

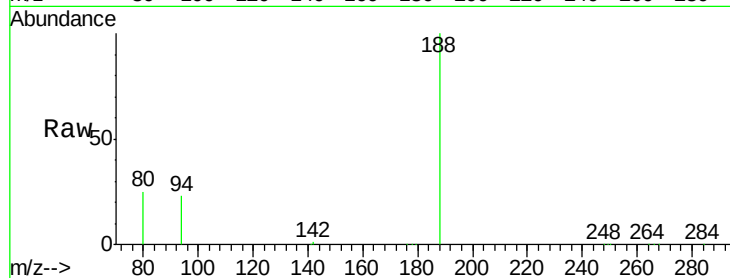
Tot Ion:188 Resp: 199150

Ion Ratio Lower Upper

188 100

94 23.1 20.3 30.5

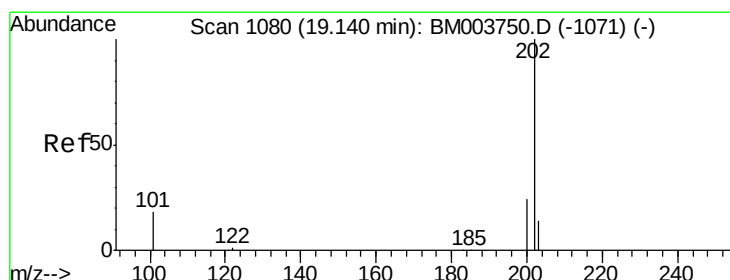
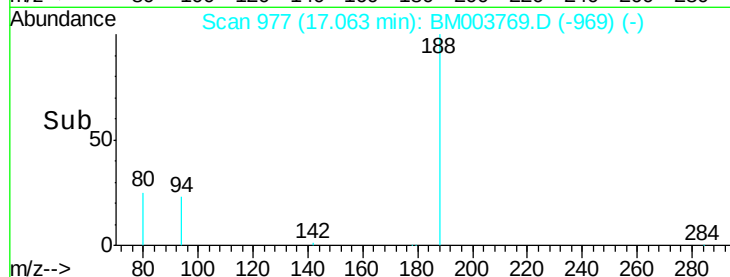
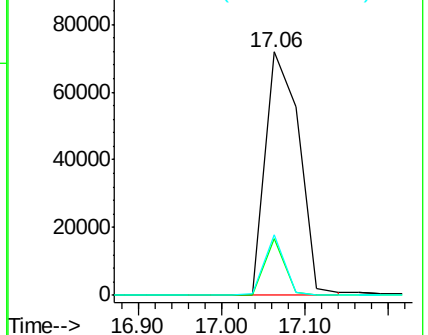
80 24.7 22.2 33.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#25

Fluoranthene

Concen: 0.11 ng

RT: 19.16 min Scan# 1081

Delta R.T. 0.02 min

Lab File: BM003769.D

Acq: 24 Dec 2015 08:20

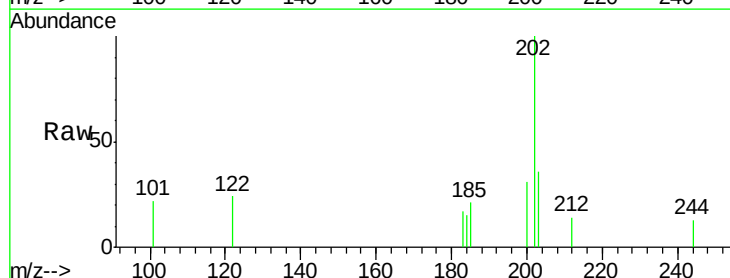
Tgt Ion:202 Resp: 761

Ion Ratio Lower Upper

202 100

101 17.0 9.7 14.5#

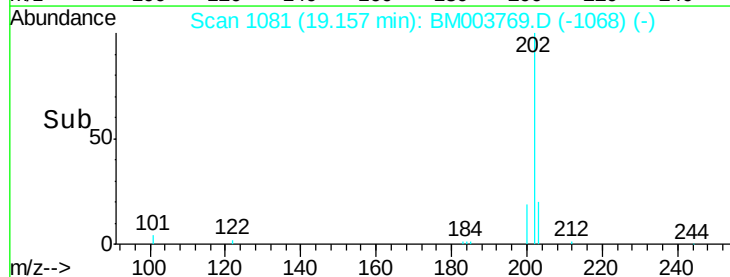
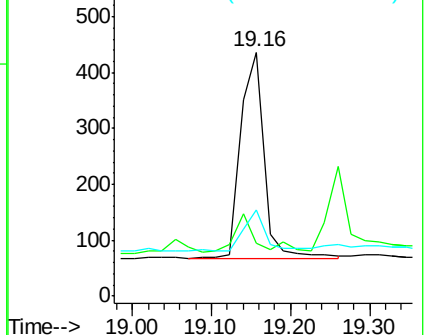
203 18.4 13.8 20.8

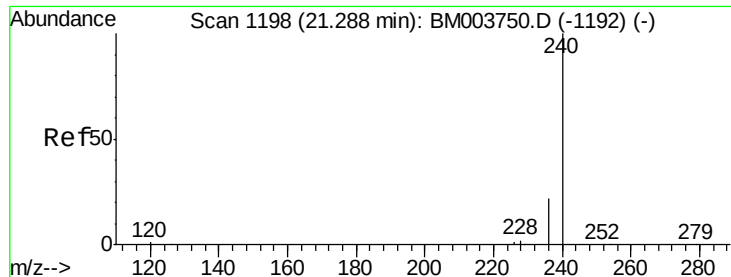


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.29 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BM003769.D

Acq: 24 Dec 2015 08:20

Instrument :

BNA_M

ClientSampleId :

VM-1

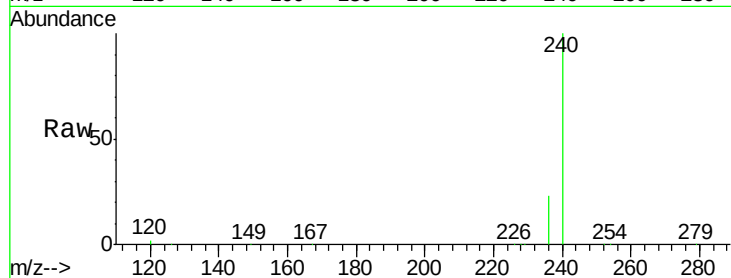
Tot Ion:240 Resp: 226198

Ion Ratio Lower Upper

240 100

120 1.7 0.9 1.3#

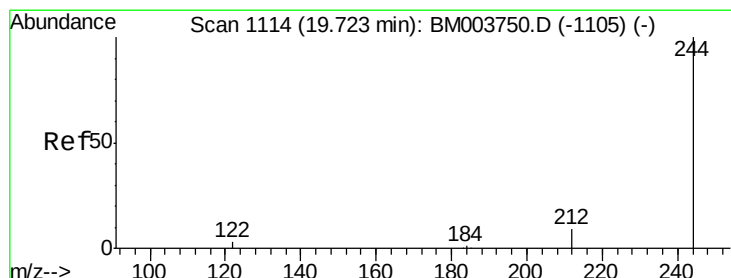
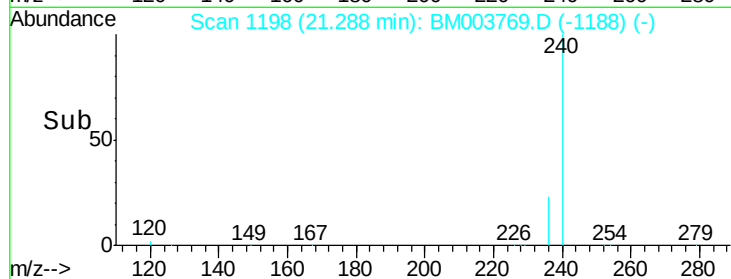
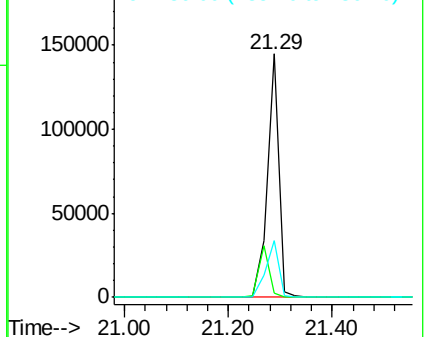
236 23.4 17.3 25.9



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: 4.51 ng

RT: 19.72 min Scan# 1114

Delta R.T. 0.00 min

Lab File: BM003769.D

Acq: 24 Dec 2015 08:20

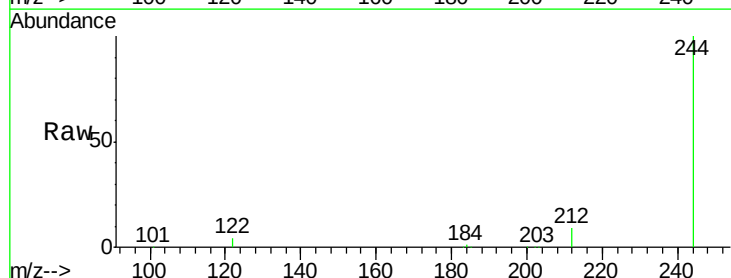
Tgt Ion:244 Resp: 161658

Ion Ratio Lower Upper

244 100

212 9.3 7.0 10.6

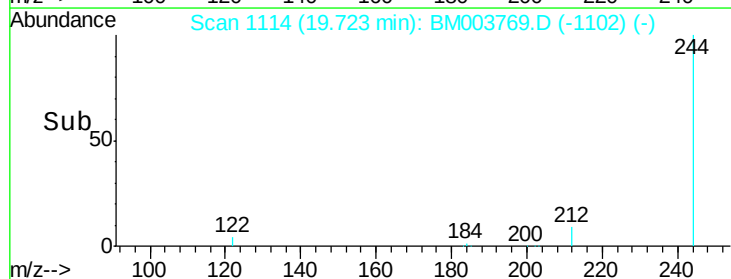
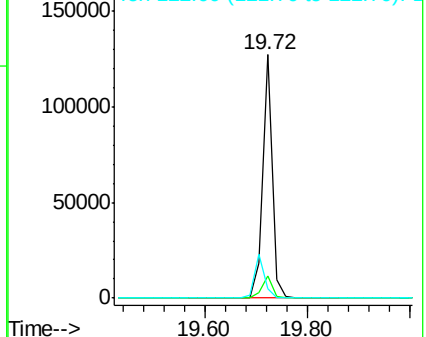
122 3.6 3.0 4.6

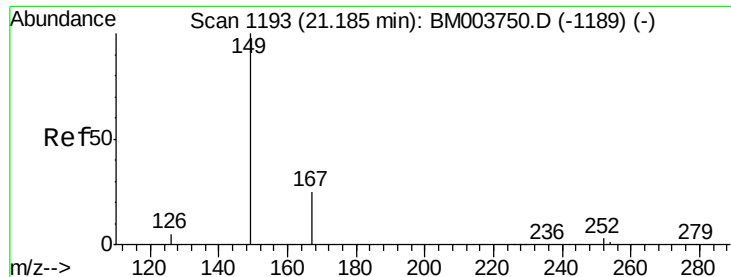


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.27 ng

RT: 21.19 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BM003769.D

Acq: 24 Dec 2015 08:20

Instrument :

BNA_M

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VM-1

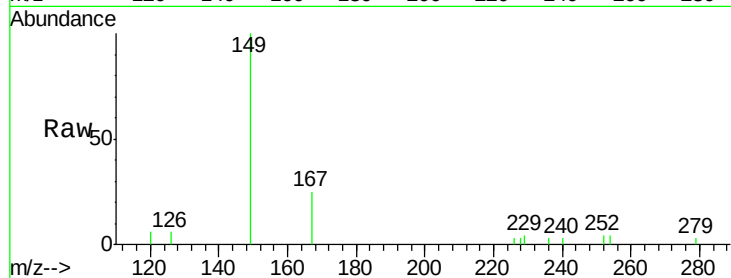
Tot Ion:149 Resp: 3952

Ion Ratio Lower Upper

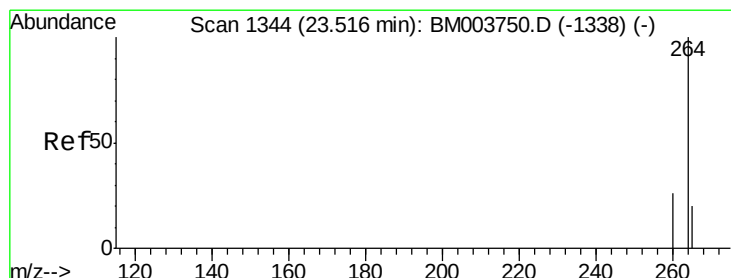
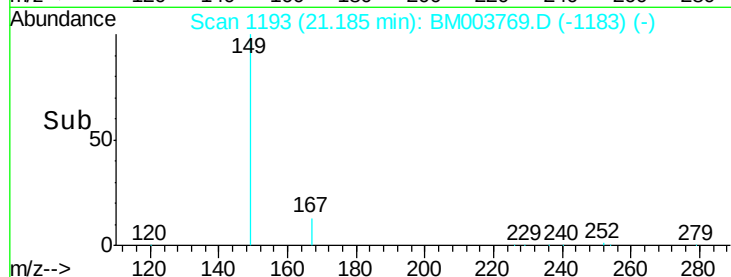
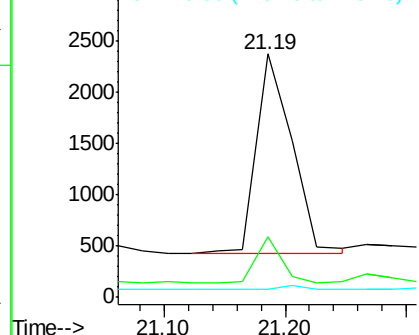
149 100

167 15.8 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: 23.53 min Scan# 1345

Delta R.T. 0.01 min

Lab File: BM003769.D

Acq: 24 Dec 2015 08:20

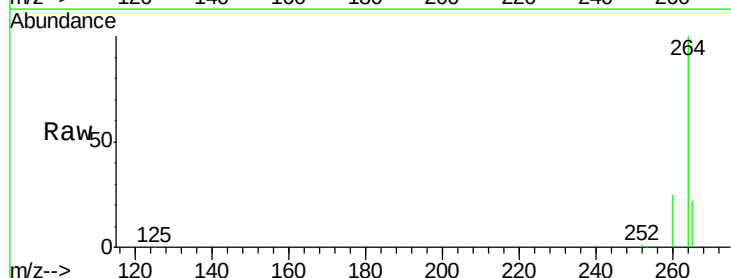
Tgt Ion:264 Resp: 200170

Ion Ratio Lower Upper

264 100

260 25.3 21.2 31.8

265 21.8 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

