

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122415\
 Data File : BM003766.D
 Acq On : 24 Dec 2015 06:30
 Operator : UM/SJ
 Sample : PB87480BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB87480BL

Quant Time: Dec 24 15:48:51 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	38879	5.00	ng	0.00
7) Naphthalene-d8	10.48	136	162204	5.00	ng	0.00
13) Acenaphthene-d10	14.33	164	95512	5.00	ng	0.00
19) Phenanthrene-d10	17.09	188	186878	5.00	ng	0.03
26) Chrysene-d12	21.29	240	213894	5.00	ng	0.00
35) Perylene-d12	23.53	264	187099	5.00	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	60027	6.53	ng	0.00
5) Phenol-d6	6.87	99	73776	6.56	ng	0.00
8) Nitrobenzene-d5	8.85	82	30635	3.56	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	18718	6.26	ng	0.00
15) 2-Fluorobiphenyl	12.95	172	106314	3.64	ng	0.00
29) Terphenyl-d14	19.72	244	131822	3.88	ng	0.00

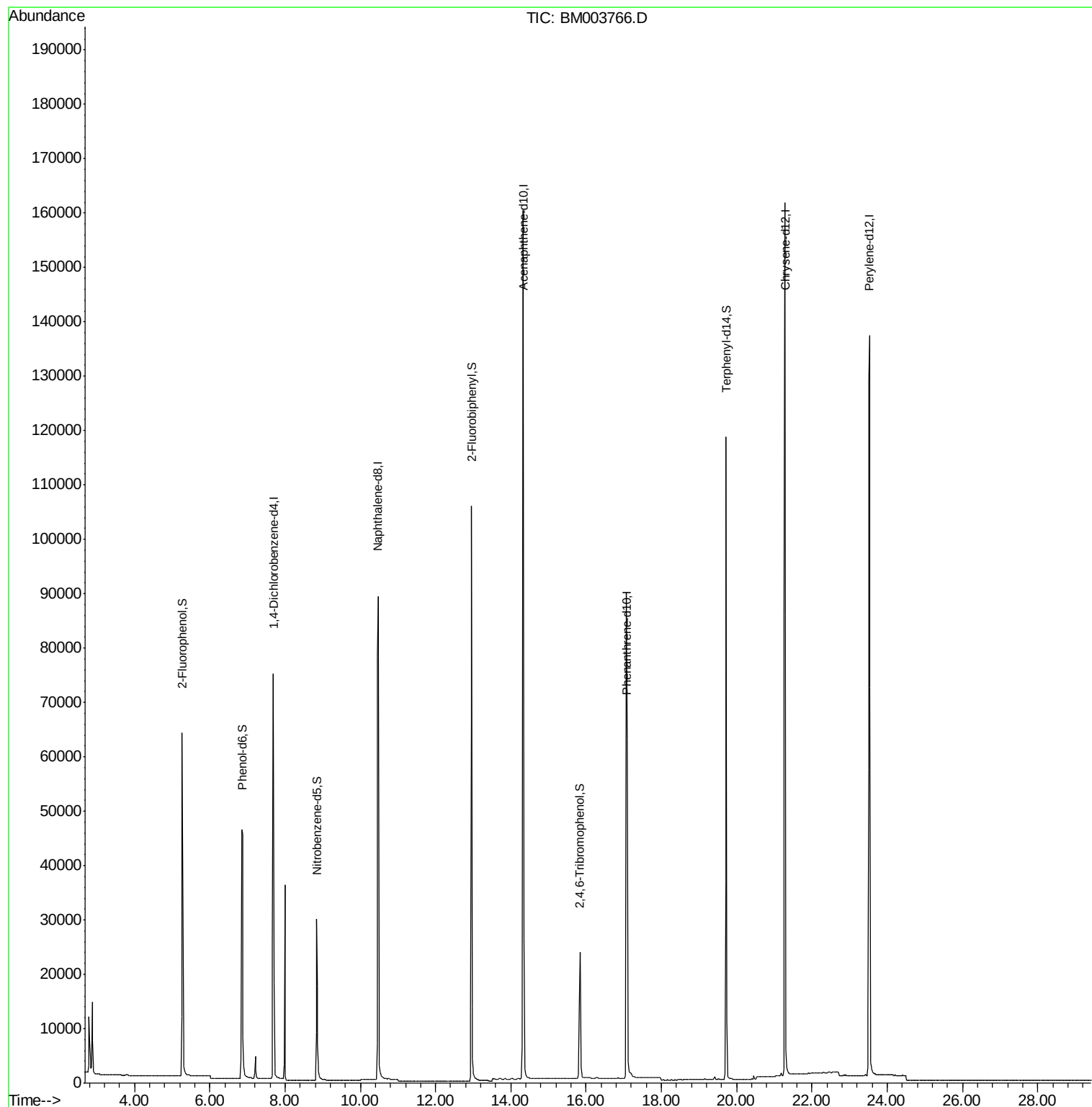
Target Compounds Qvalue

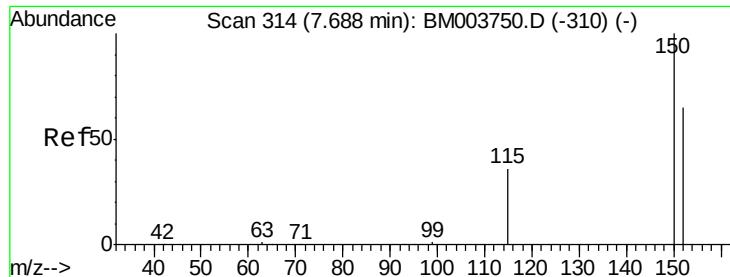
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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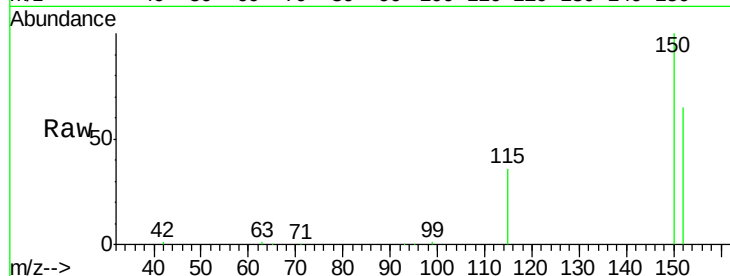


#1

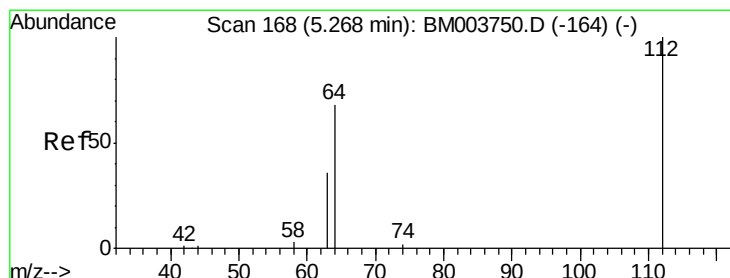
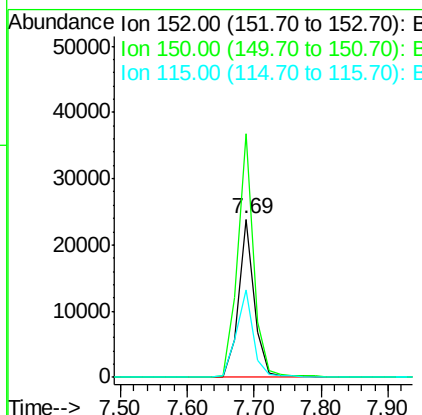
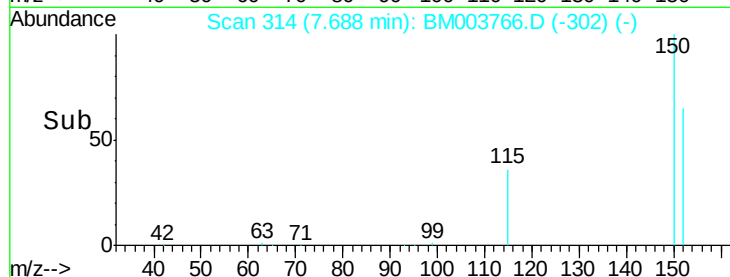
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.69 min Scan# 314
Delta R.T. -0.00 min
Lab File: BM003766.D
Acq: 24 Dec 2015 06:30

Instrument :
BNA_M
ClientSampleId :
PB87480BL

Tot Ion:152 Resp: 38879
Ion Ratio Lower Upper
152 100
150 153.7 122.9 184.3
115 55.4 44.4 66.6



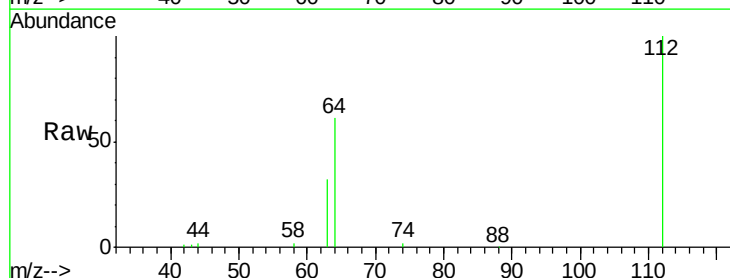
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



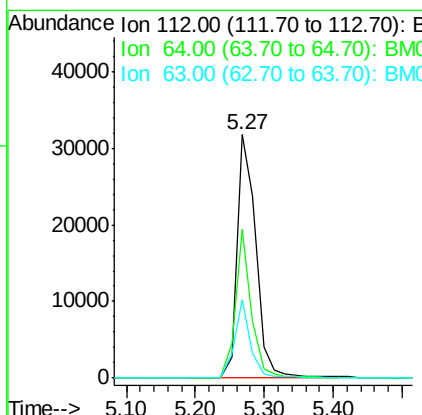
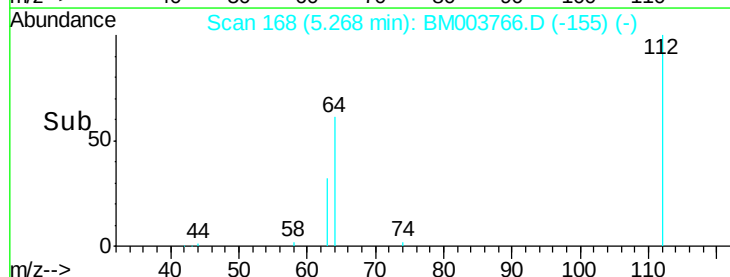
#4

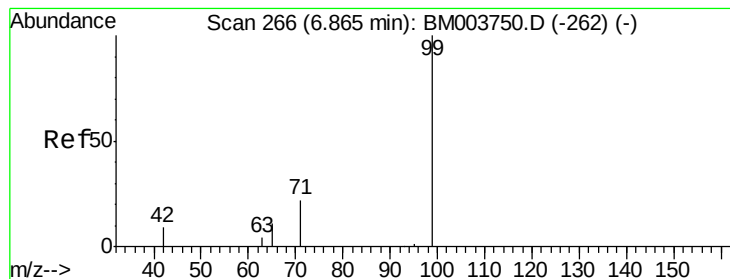
2-Fluorophenol
Concen: 6.53 ng
RT: 5.27 min Scan# 168
Delta R.T. -0.00 min
Lab File: BM003766.D
Acq: 24 Dec 2015 06:30

Tgt Ion:112 Resp: 60027
Ion Ratio Lower Upper
112 100
64 51.8 41.8 62.8
63 27.3 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: 6.56 ng

RT: 6.87 min Scan# 266

Delta R.T. -0.00 min

Lab File: BM003766.D

Acq: 24 Dec 2015 06:30

Instrument :

BNA_M

ClientSampleId :

PB87480BL

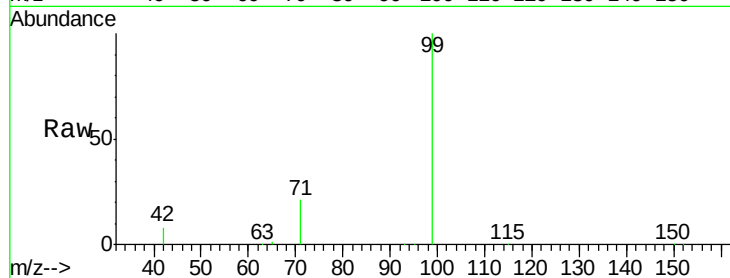
Tot Ion: 99 Resp: 73776

Ion Ratio Lower Upper

99 100

42 18.7 16.2 24.2

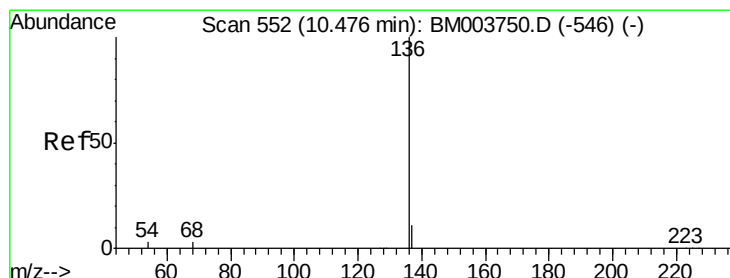
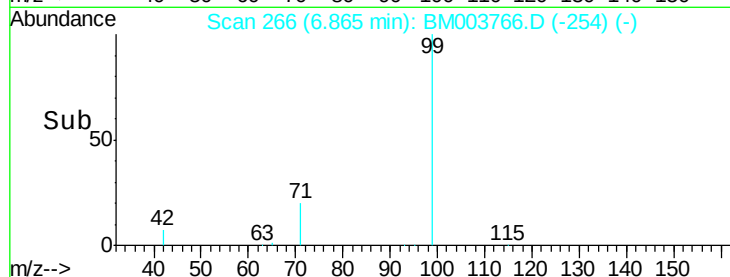
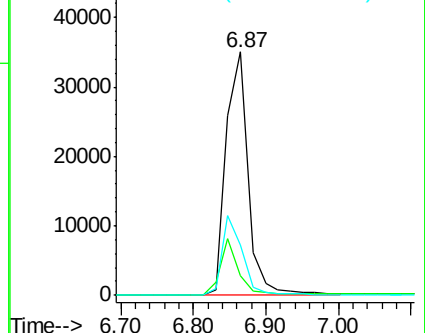
71 30.2 24.4 36.6



Abundance Ion 99.00 (98.70 to 99.70): BM003766.D (-254) (-)

Ion 42.00 (41.70 to 42.70): BM003766.D (-254) (-)

Ion 71.00 (70.70 to 71.70): BM003766.D (-254) (-)



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.48 min Scan# 552

Delta R.T. -0.00 min

Lab File: BM003766.D

Acq: 24 Dec 2015 06:30

Tgt Ion: 136 Resp: 162204

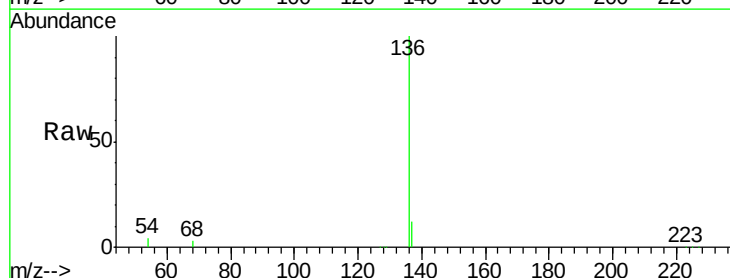
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 3.8 2.8 4.2

68 3.3 2.5 3.7

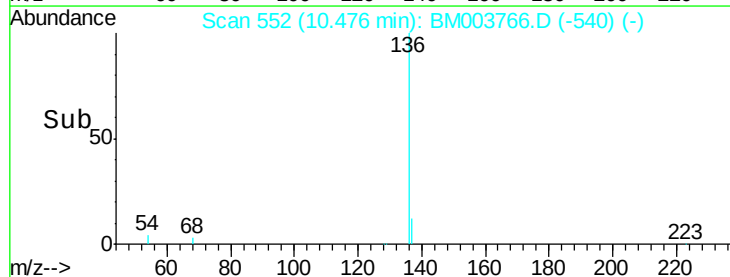
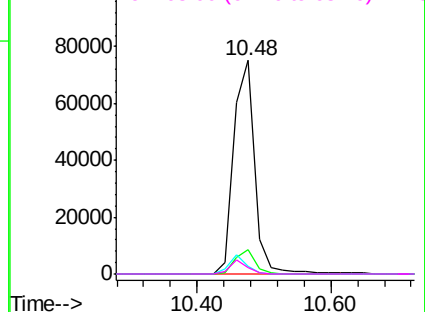


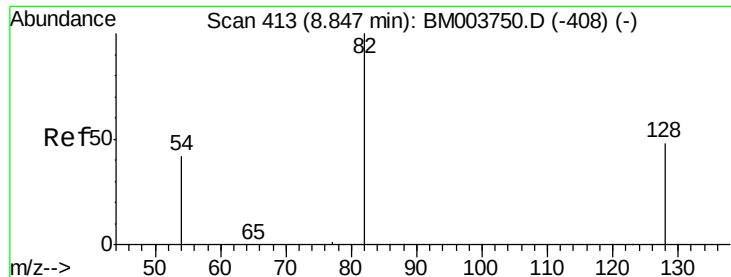
Abundance Ion 136.00 (135.70 to 136.70): BM003766.D (-540) (-)

Ion 137.00 (136.70 to 137.70): BM003766.D (-540) (-)

Ion 54.00 (53.70 to 54.70): BM003766.D (-540) (-)

Ion 68.00 (67.70 to 68.70): BM003766.D (-540) (-)





#8

Nitrobenzene-d5

Concen: 3.56 ng

RT: 8.85 min Scan# 413

Delta R.T. -0.00 min

Lab File: BM003766.D

Acq: 24 Dec 2015 06:30

Instrument :

BNA_M

ClientSampleId :

PB87480BL

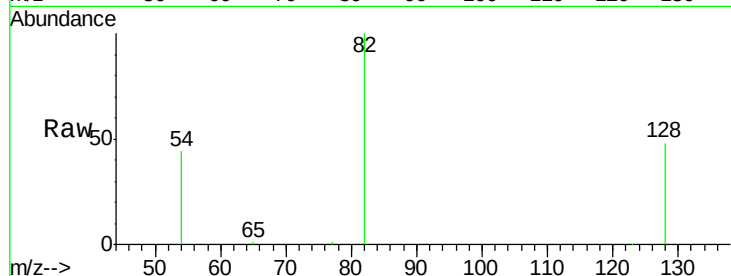
Tot Ion: 82 Resp: 30635

Ion Ratio Lower Upper

82 100

128 48.5 39.1 58.7

54 44.0 34.8 52.2

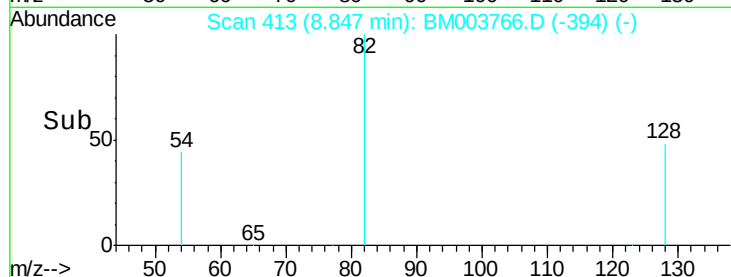


Abundance Ion 82.00 (81.70 to 82.70): BM003750.D (-408) (-)

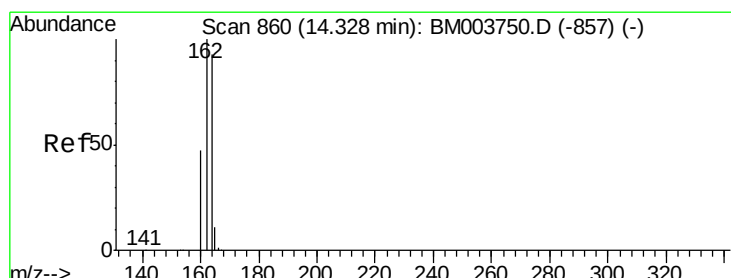
Ion 128.00 (127.70 to 128.70): BM003750.D (-408) (-)

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

Time-->



Time-->



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.33 min Scan# 860

Delta R.T. -0.00 min

Lab File: BM003766.D

Acq: 24 Dec 2015 06:30

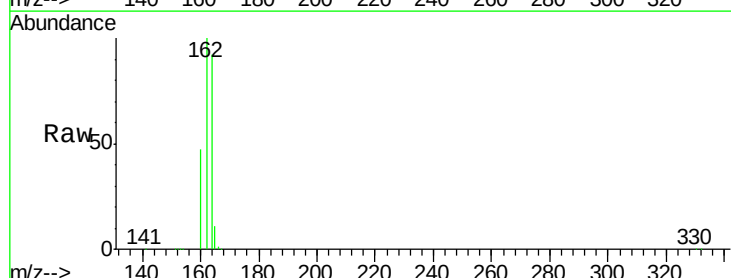
Tgt Ion: 164 Resp: 95512

Ion Ratio Lower Upper

164 100

162 108.6 86.0 129.0

160 51.6 40.3 60.5

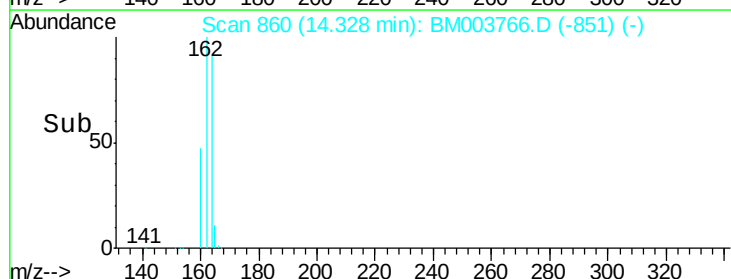


Abundance Ion 164.00 (163.70 to 164.70): BM003750.D (-857) (-)

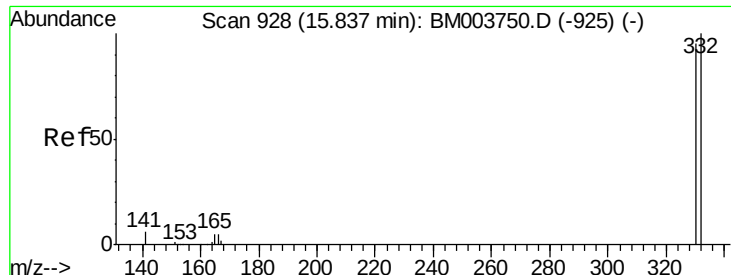
Ion 162.00 (161.70 to 162.70): BM003750.D (-857) (-)

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

Time-->



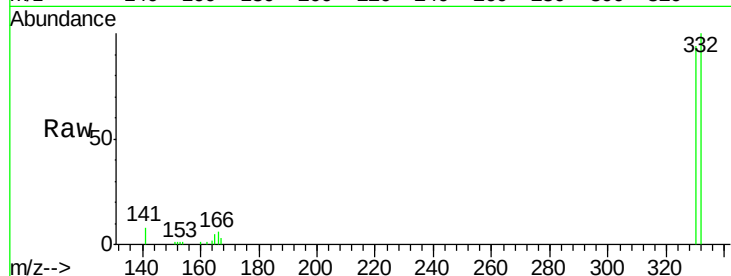
Time-->



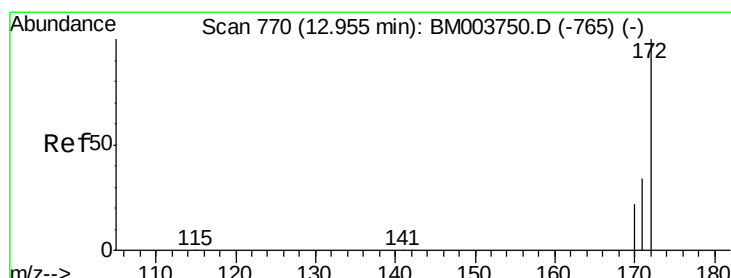
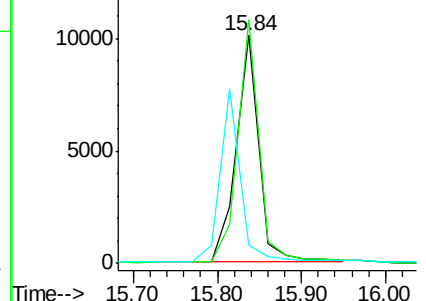
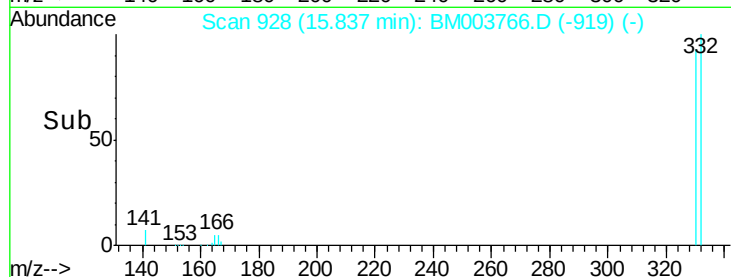
#14
 2,4,6-Tribromophenol
 Concen: 6.26 ng
 RT: 15.84 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: BM003766.D
 Acq: 24 Dec 2015 06:30

Instrument :
 BNA_M
 ClientSampleId :
 PB87480BL

Tot Ion:330 Resp: 18718
 Ion Ratio Lower Upper
 330 100
 332 100.2 79.0 118.4
 141 0.0 0.0 0.0

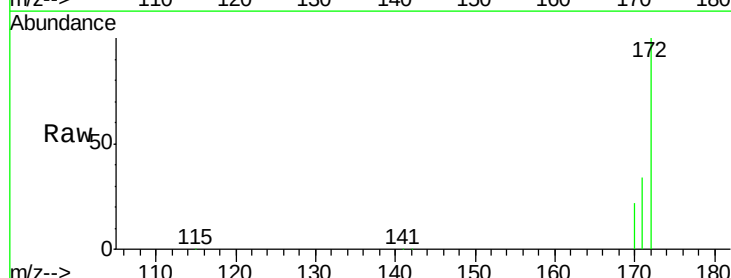


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

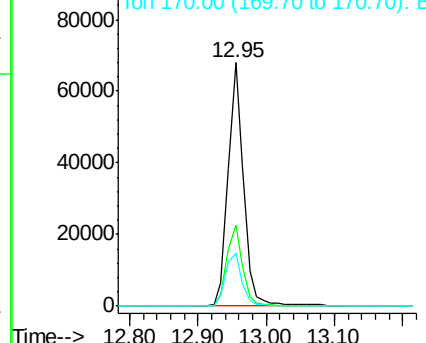
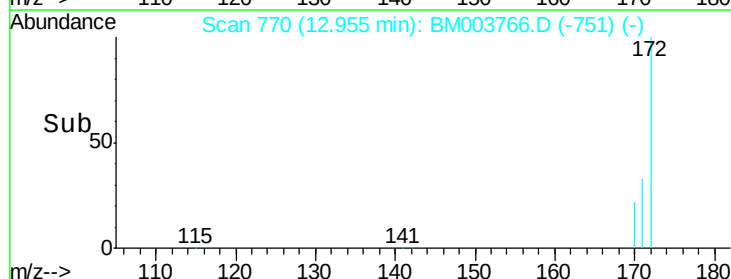


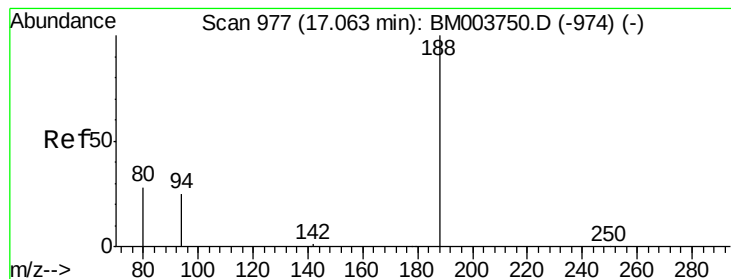
#15
 2-Fluorobiphenyl
 Concen: 3.64 ng
 RT: 12.95 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BM003766.D
 Acq: 24 Dec 2015 06:30

Tgt Ion:172 Resp: 106314
 Ion Ratio Lower Upper
 172 100
 171 33.5 27.0 40.6
 170 21.8 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: 17.09 min Scan# 978

Delta R.T. 0.03 min

Lab File: BM003766.D

Acq: 24 Dec 2015 06:30

Instrument :

BNA_M

ClientSampleId :

PB87480BL

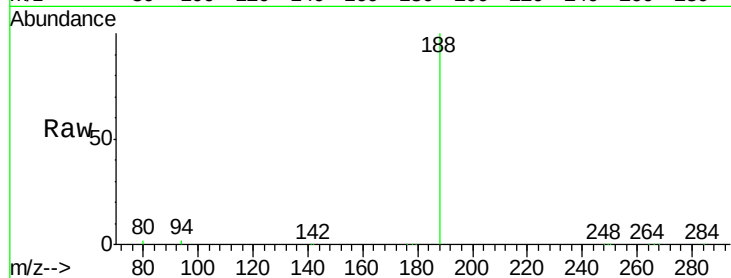
Tot Ion:188 Resp: 186878

Ion Ratio Lower Upper

188 100

94 2.1 20.3 30.5#

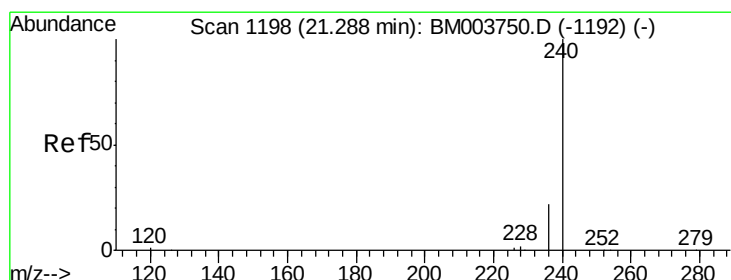
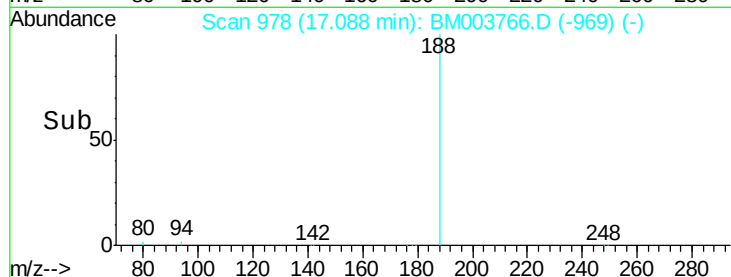
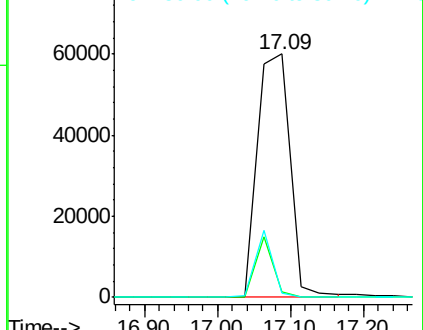
80 1.8 22.2 33.4#



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



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.29 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BM003766.D

Acq: 24 Dec 2015 06:30

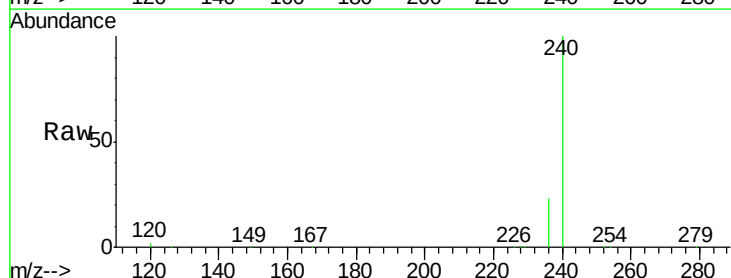
Tgt Ion:240 Resp: 213894

Ion Ratio Lower Upper

240 100

120 1.6 0.9 1.3#

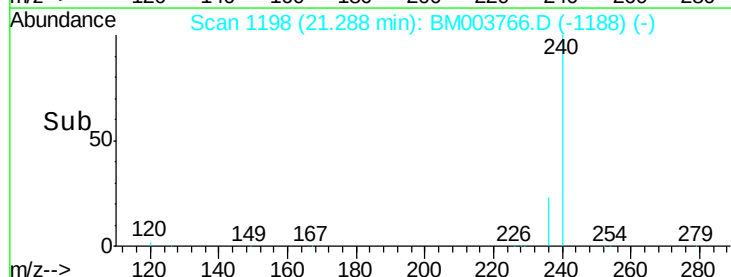
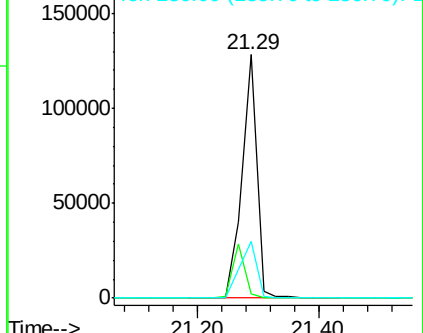
236 23.3 17.3 25.9

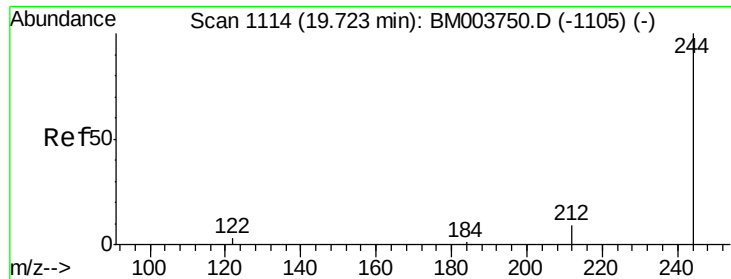


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 3.88 ng

RT: 19.72 min Scan# 1114

Delta R.T. 0.00 min

Lab File: BM003766.D

Acq: 24 Dec 2015 06:30

Instrument :

BNA_M

ClientSampleId :

PB87480BL

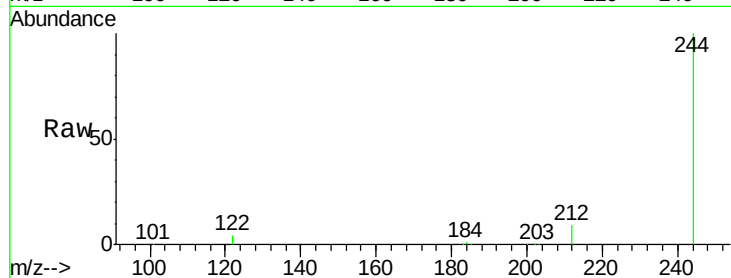
Tot Ion:244 Resp: 131822

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.6

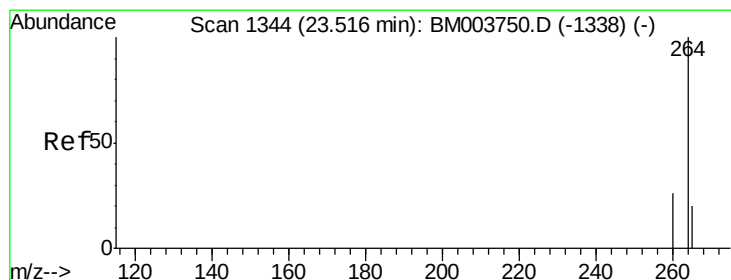
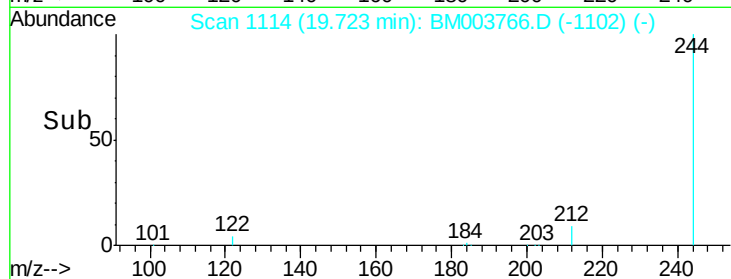
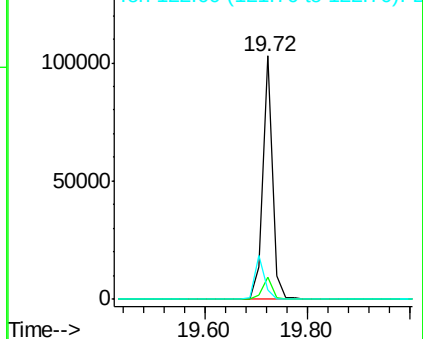
122 4.0 3.0 4.6



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



#35

Perylene-d12

Concen: 5.00 ng

RT: 23.53 min Scan# 1345

Delta R.T. 0.01 min

Lab File: BM003766.D

Acq: 24 Dec 2015 06:30

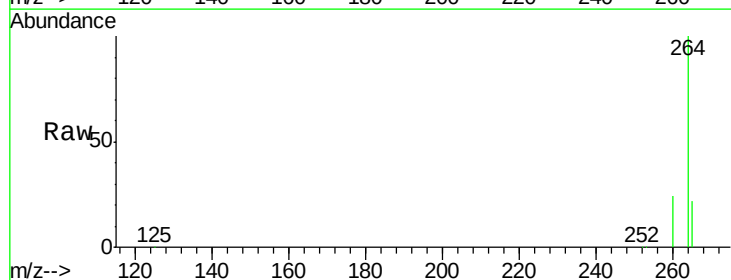
Tgt Ion:264 Resp: 187099

Ion Ratio Lower Upper

264 100

260 24.4 21.2 31.8

265 22.4 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

