

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012216\
 Data File : BM004111.D
 Acq On : 22 Jan 2016 15:15
 Operator : SJ/UM
 Sample : PB87902BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB87902BL

Quant Time: Jan 22 17:34:32 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	22034	5.00	ng	0.00
7) Naphthalene-d8	10.44	136	95763	5.00	ng	0.00
13) Acenaphthene-d10	14.31	164	56171	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	164331	5.00	ng	0.00
26) Chrysene-d12	21.27	240	159882	5.00	ng	0.00
35) Perylene-d12	23.51	264	165312	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	36001	7.83	ng	-0.02
5) Phenol-d6	6.85	99	44218	7.97	ng	0.00
8) Nitrobenzene-d5	8.83	82	16903	4.03	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	11628	5.37	ng	0.00
15) 2-Fluorobiphenyl	12.93	172	69765	4.05	ng	0.00
29) Terphenyl-d14	19.71	244	84353	4.15	ng	0.00

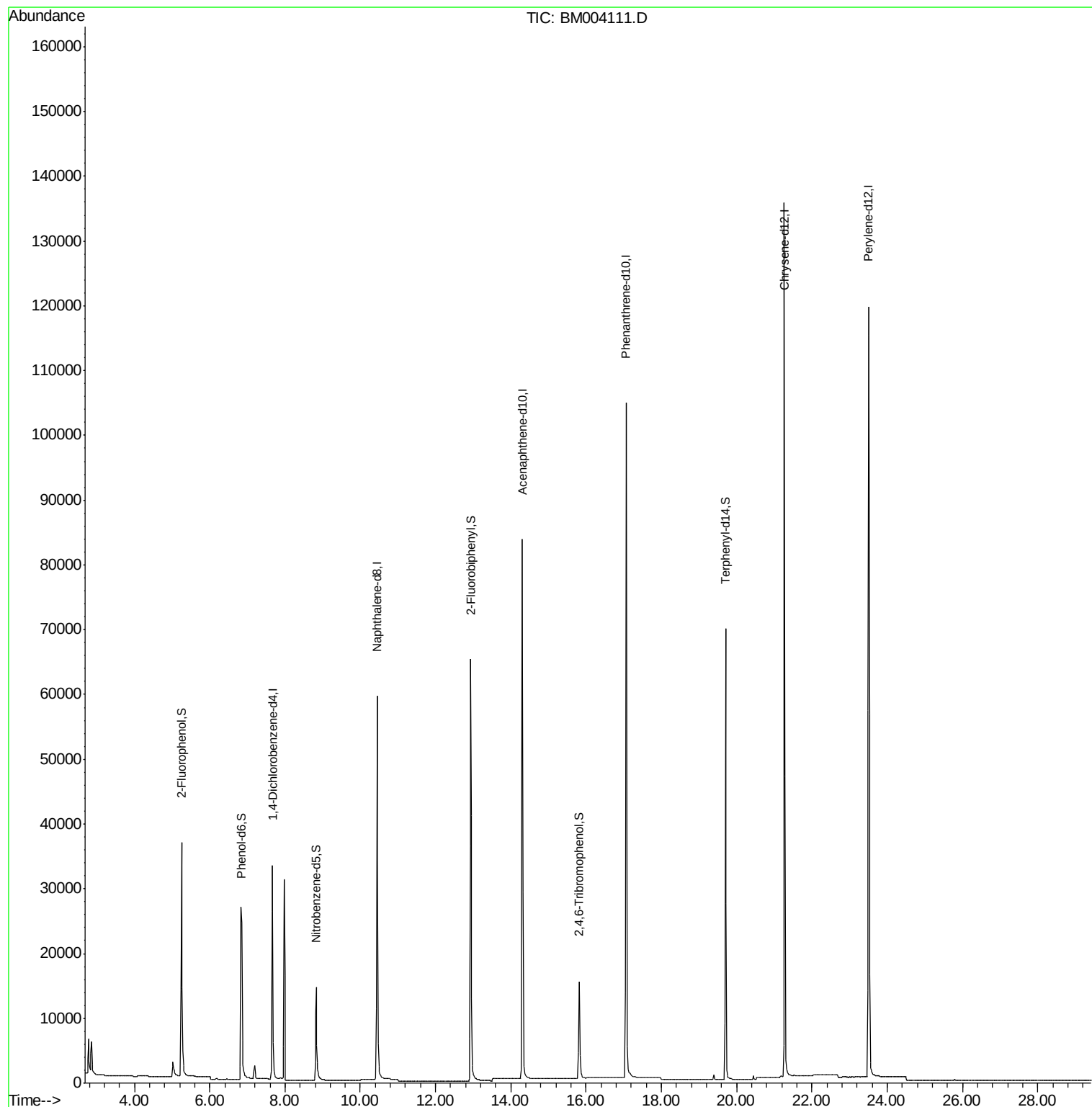
Target Compounds	Qvalue
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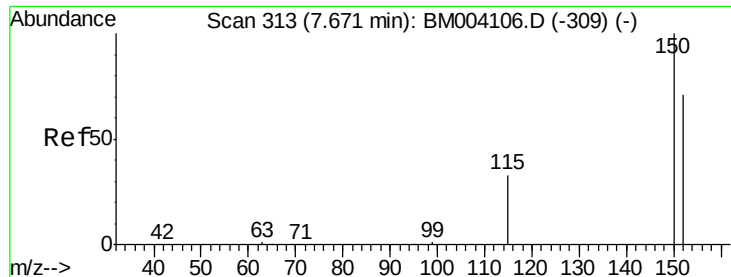
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM004111.D

Acq: 22 Jan 2016 15:15

Instrument :

BNA_M

ClientSampleId :

PB87902BL

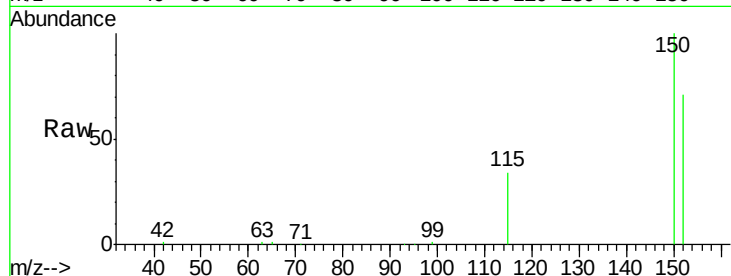
Tot Ion:152 Resp: 22034

Ion Ratio Lower Upper

152 100

150 139.9 122.9 184.3

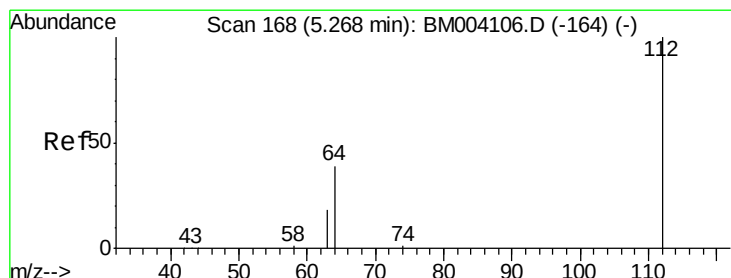
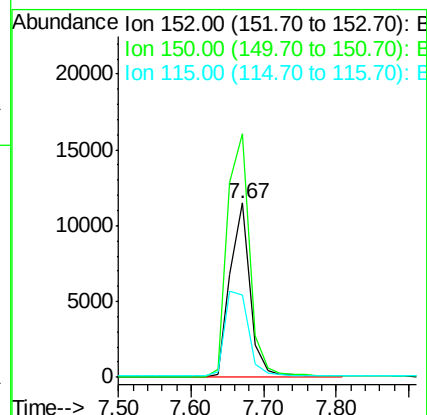
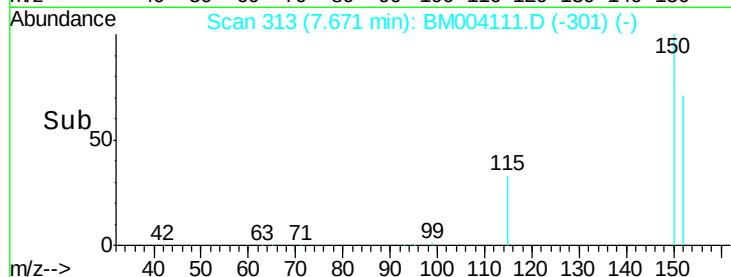
115 47.0 44.4 66.6



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



#4

2-Fluorophenol

Concen: 7.83 ng

RT: 5.25 min Scan# 167

Delta R.T. -0.02 min

Lab File: BM004111.D

Acq: 22 Jan 2016 15:15

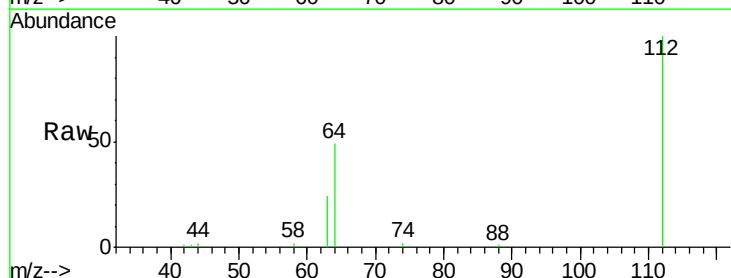
Tgt Ion:112 Resp: 36001

Ion Ratio Lower Upper

112 100

64 52.6 41.8 62.8

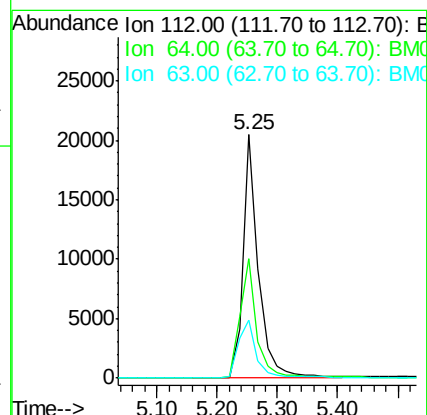
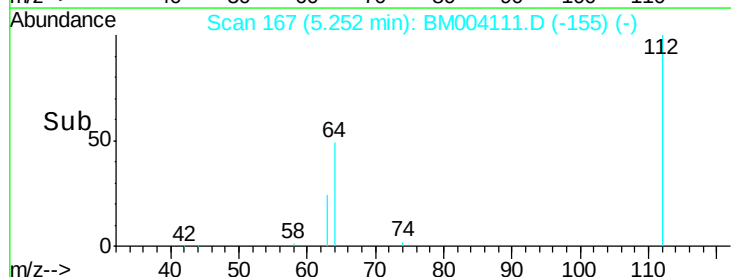
63 27.5 22.1 33.1

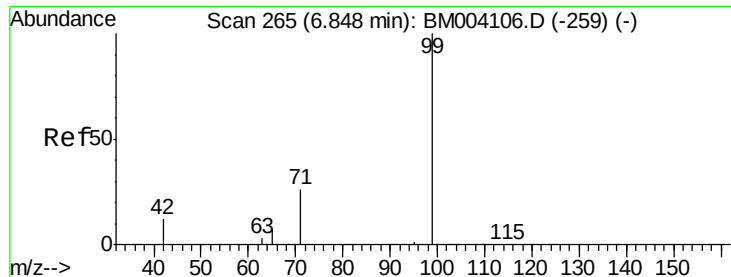


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 7.97 ng

RT: 6.85 min Scan# 265

Delta R.T. -0.00 min

Lab File: BM004111.D

Acq: 22 Jan 2016 15:15

Instrument :

BNA_M

ClientSampleId :

PB87902BL

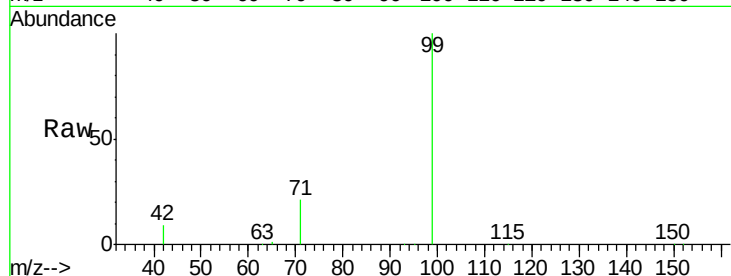
Tot Ion: 99 Resp: 44218

Ion Ratio Lower Upper

99 100

42 18.4 16.2 24.2

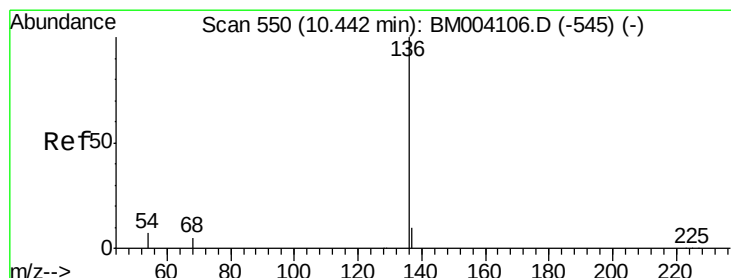
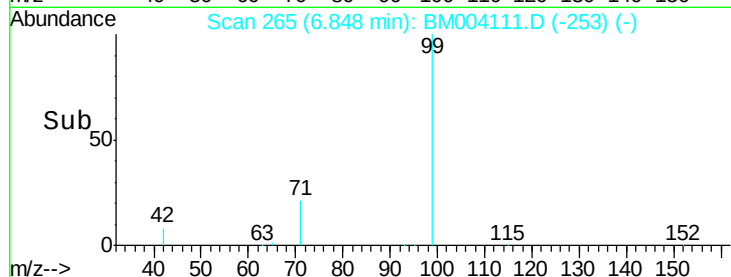
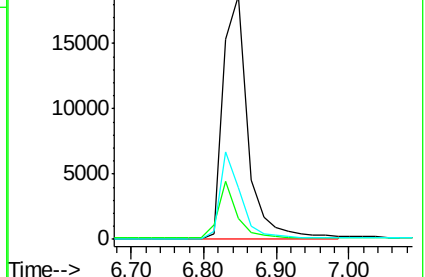
71 30.8 24.4 36.6



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# 550

Delta R.T. -0.00 min

Lab File: BM004111.D

Acq: 22 Jan 2016 15:15

Tgt Ion: 136 Resp: 95763

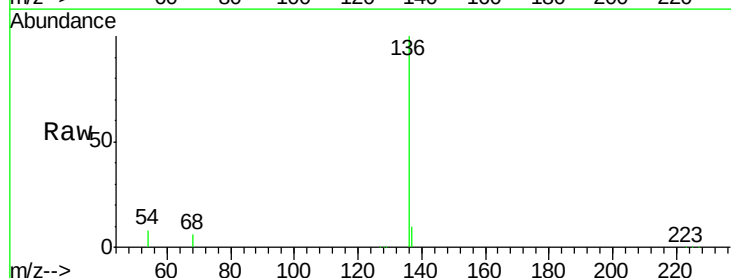
Ion Ratio Lower Upper

136 100

137 10.4 9.2 13.8

54 7.8 2.8 4.2#

68 5.9 2.5 3.7#

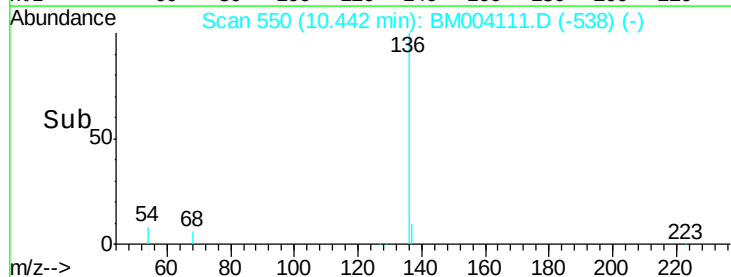
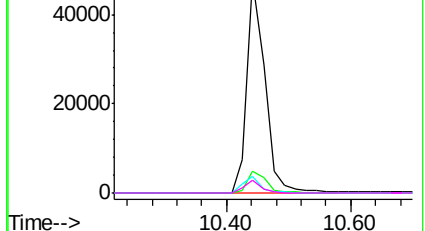


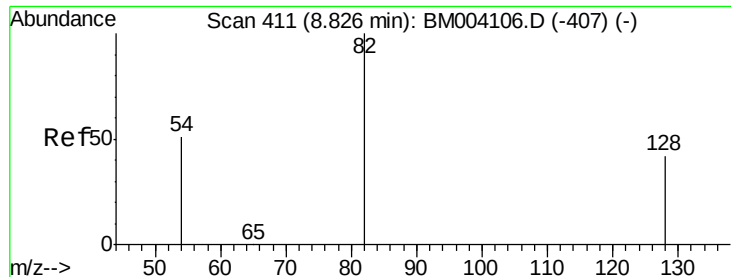
Abundance Ion 136.00 (135.70 to 136.70): BM004106.D (-545) (-)

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: 4.03 ng

RT: 8.83 min Scan# 411

Delta R.T. -0.00 min

Lab File: BM004111.D

Acq: 22 Jan 2016 15:15

Instrument :

BNA_M

ClientSampleId :

PB87902BL

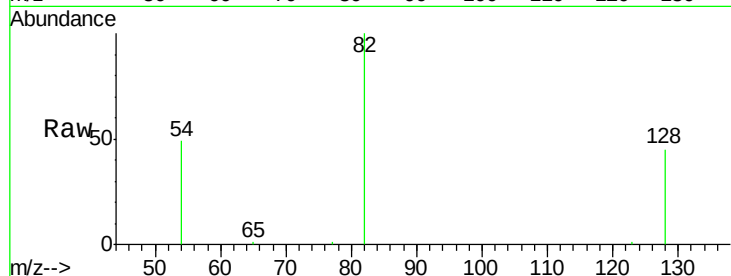
Tot Ion: 82 Resp: 16903

Ion Ratio Lower Upper

82 100

128 44.6 39.1 58.7

54 48.8 34.8 52.2

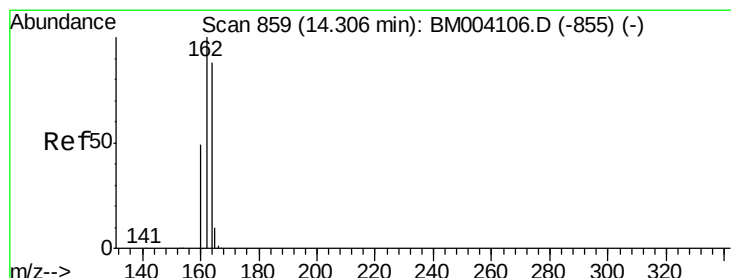
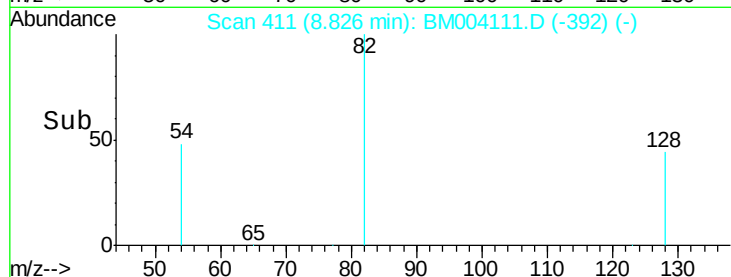


Abundance Ion 82.00 (81.70 to 82.70): BM004111.D (-392) (-)

Ion 128.00 (127.70 to 128.70): BM004111.D (-392) (-)

Ion 54.00 (53.70 to 54.70): BM004111.D (-392) (-)

Time-->



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.31 min Scan# 859

Delta R.T. -0.00 min

Lab File: BM004111.D

Acq: 22 Jan 2016 15:15

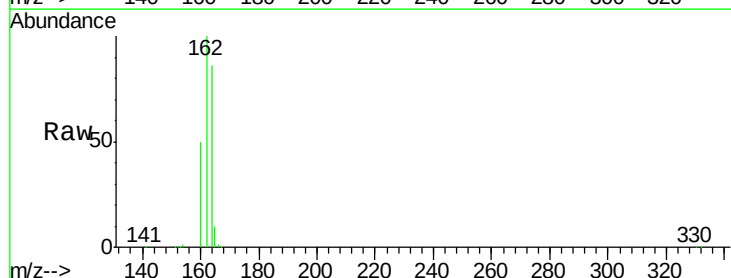
Tgt Ion: 164 Resp: 56171

Ion Ratio Lower Upper

164 100

162 116.9 86.0 129.0

160 59.1 40.3 60.5

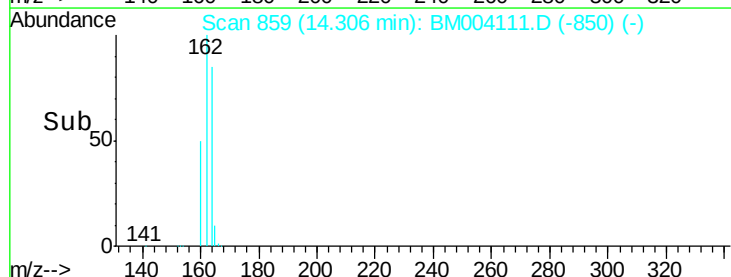


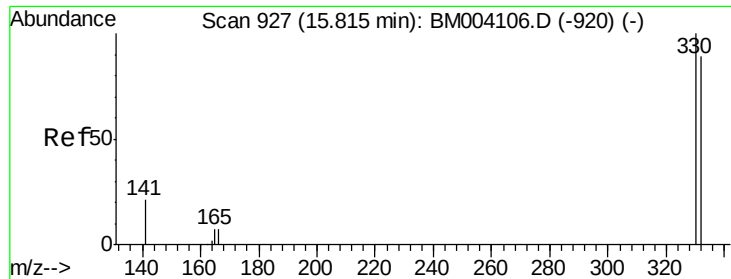
Abundance Ion 164.00 (163.70 to 164.70): BM004111.D (-850) (-)

Ion 162.00 (161.70 to 162.70): BM004111.D (-850) (-)

Ion 160.00 (159.70 to 160.70): BM004111.D (-850) (-)

Time-->

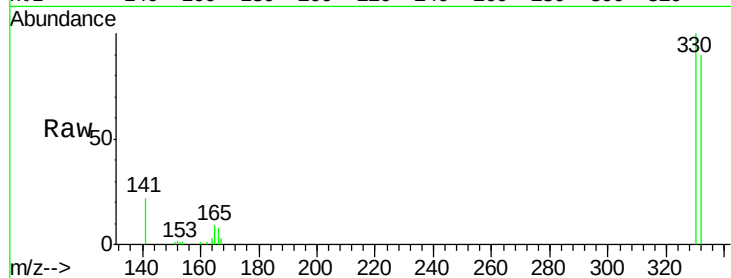




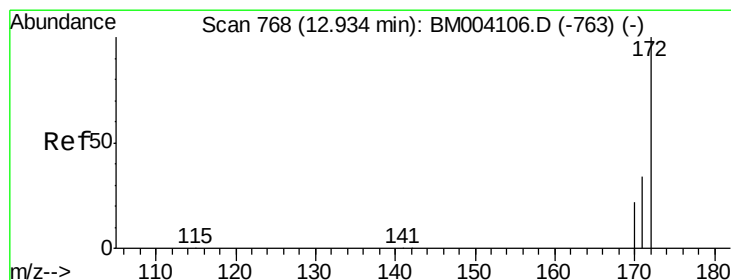
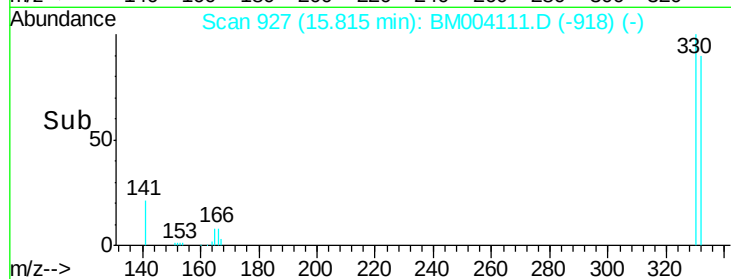
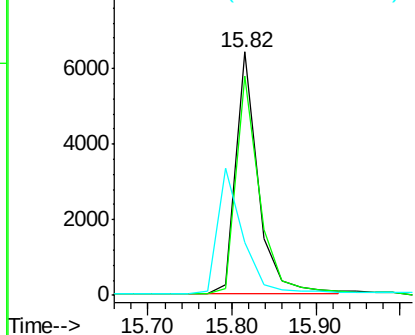
#14
 2,4,6-Tribromophenol
 Concen: 5.37 ng
 RT: 15.82 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: BM004111.D
 Acq: 22 Jan 2016 15:15

Instrument :
 BNA_M
 ClientSampleId :
 PB87902BL

Tot Ion:330 Resp: 11628
 Ion Ratio Lower Upper
 330 100
 332 94.5 79.0 118.4
 141 0.0 27.8 41.6#

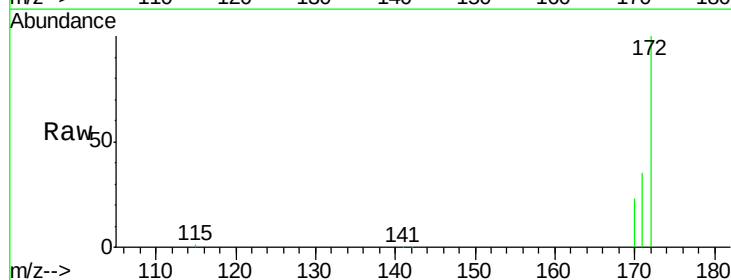


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

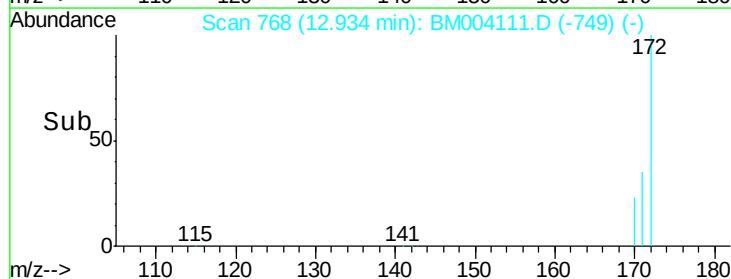
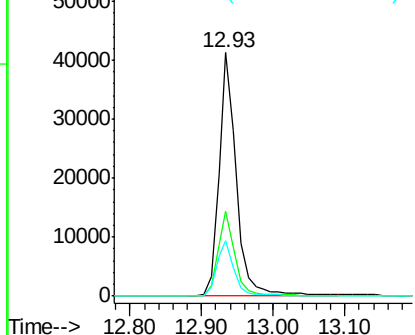


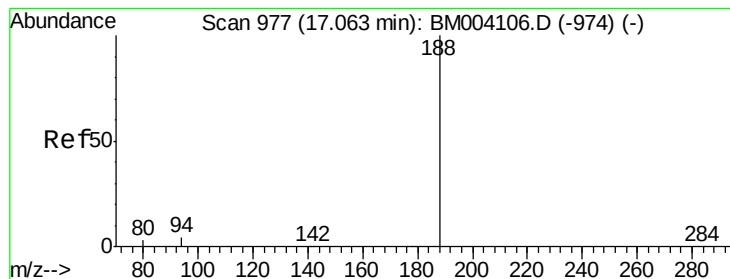
#15
 2-Fluorobiphenyl
 Concen: 4.05 ng
 RT: 12.93 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BM004111.D
 Acq: 22 Jan 2016 15:15

Tgt Ion:172 Resp: 69765
 Ion Ratio Lower Upper
 172 100
 171 34.8 27.0 40.6
 170 22.9 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: BM004111.D

Acq: 22 Jan 2016 15:15

Instrument :

BNA_M

ClientSampleId :

PB87902BL

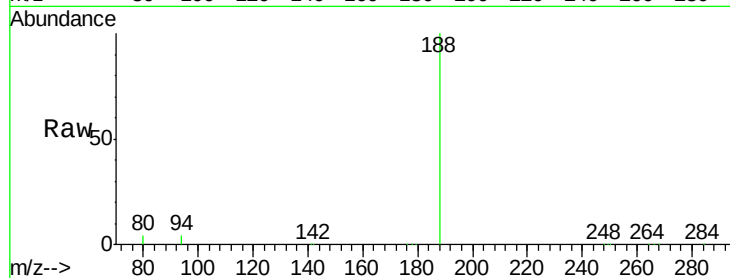
Tot Ion:188 Resp: 164331

Ion Ratio Lower Upper

188 100

94 4.3 20.3 30.5#

80 3.7 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

120000

100000

80000

60000

40000

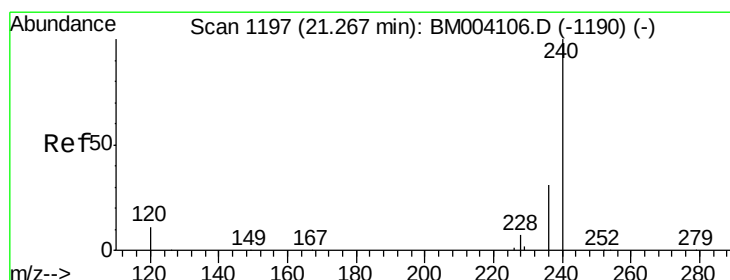
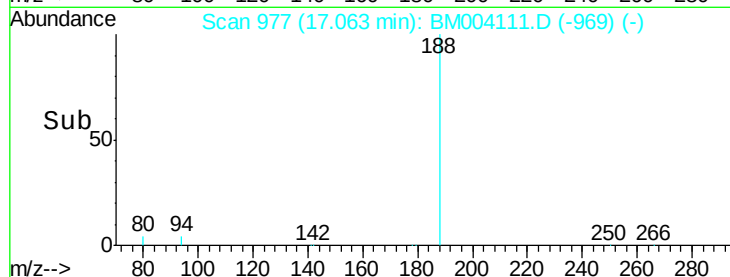
20000

0

17.06

16.90 17.00 17.10 17.20

Time-->



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.27 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BM004111.D

Acq: 22 Jan 2016 15:15

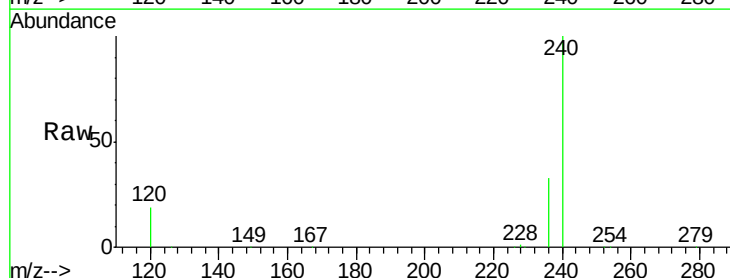
Tgt Ion:240 Resp: 159882

Ion Ratio Lower Upper

240 100

120 18.8 0.9 1.3#

236 33.2 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

120000

100000

80000

60000

40000

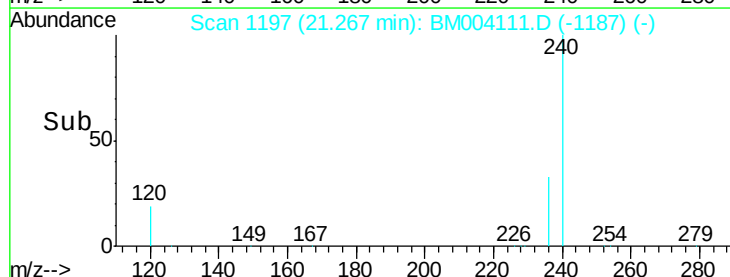
20000

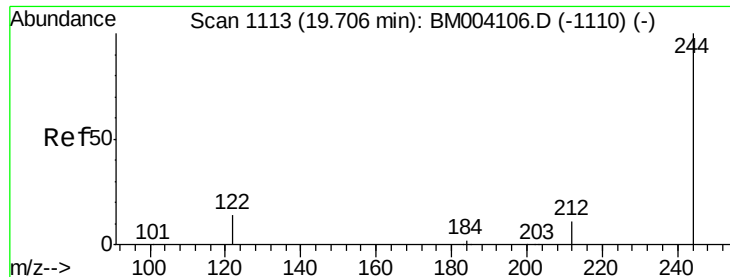
0

21.27

21.10 21.20 21.30 21.40

Time-->





#29

Terphenyl-d14

Concen: 4.15 ng

RT: 19.71 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BM004111.D

Acq: 22 Jan 2016 15:15

Instrument :

BNA_M

ClientSampleId :

PB87902BL

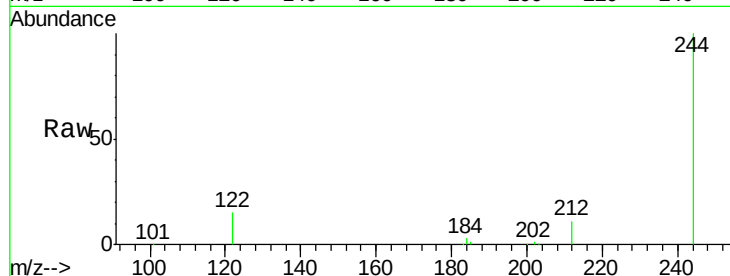
Tot Ion:244 Resp: 84353

Ion Ratio Lower Upper

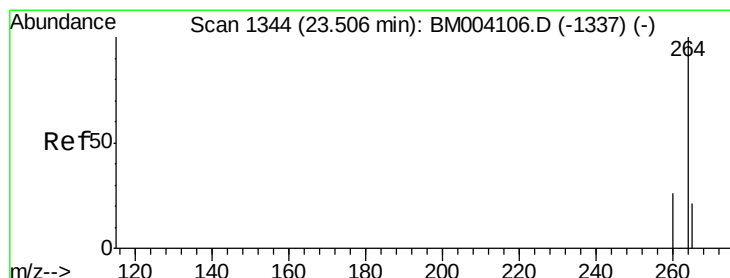
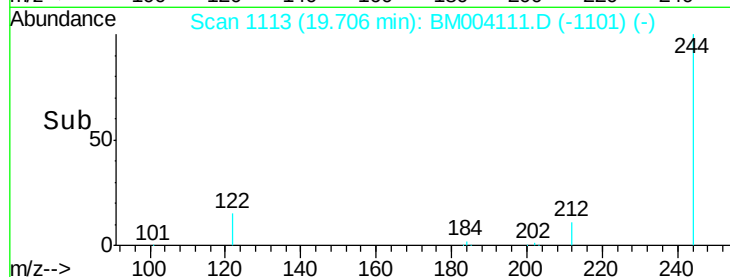
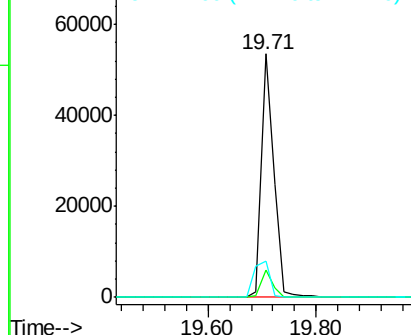
244 100

212 11.0 7.0 10.6#

122 15.1 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: 23.51 min Scan# 1344

Delta R.T. -0.00 min

Lab File: BM004111.D

Acq: 22 Jan 2016 15:15

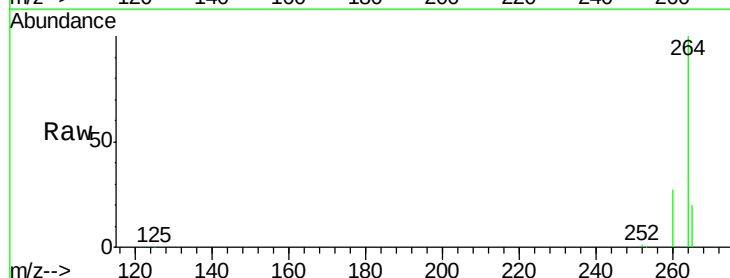
Tgt Ion:264 Resp: 165312

Ion Ratio Lower Upper

264 100

260 27.0 21.2 31.8

265 20.1 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

