

Data Path : Z:\HPCHEM1\BNA M\DATA\BM010816\
 Data File : BM003925.D
 Acq On : 08 Jan 2016 16:45
 Operator : SJ/UM
 Sample : PB87669BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB87669BL

Quant Time: Jan 09 00:39:14 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM010216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 13:33:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	38281	5.00	ng	0.00
7) Naphthalene-d8	10.46	136	149938	5.00	ng	0.00
13) Acenaphthene-d10	14.33	164	67047	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	144874	5.00	ng	0.00
26) Chrysene-d12	21.27	240	106699	5.00	ng	0.00
35) Perylene-d12	23.51	264	88795	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	56179	7.17	ng	0.00
5) Phenol-d6	6.85	99	67530	7.04	ng	0.00
8) Nitrobenzene-d5	8.84	82	25100	3.41	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	7620	3.91	ng	0.02
15) 2-Fluorobiphenyl	12.94	172	85816	3.97	ng	0.00
29) Terphenyl-d14	19.71	244	50988	2.95	ng	-0.02

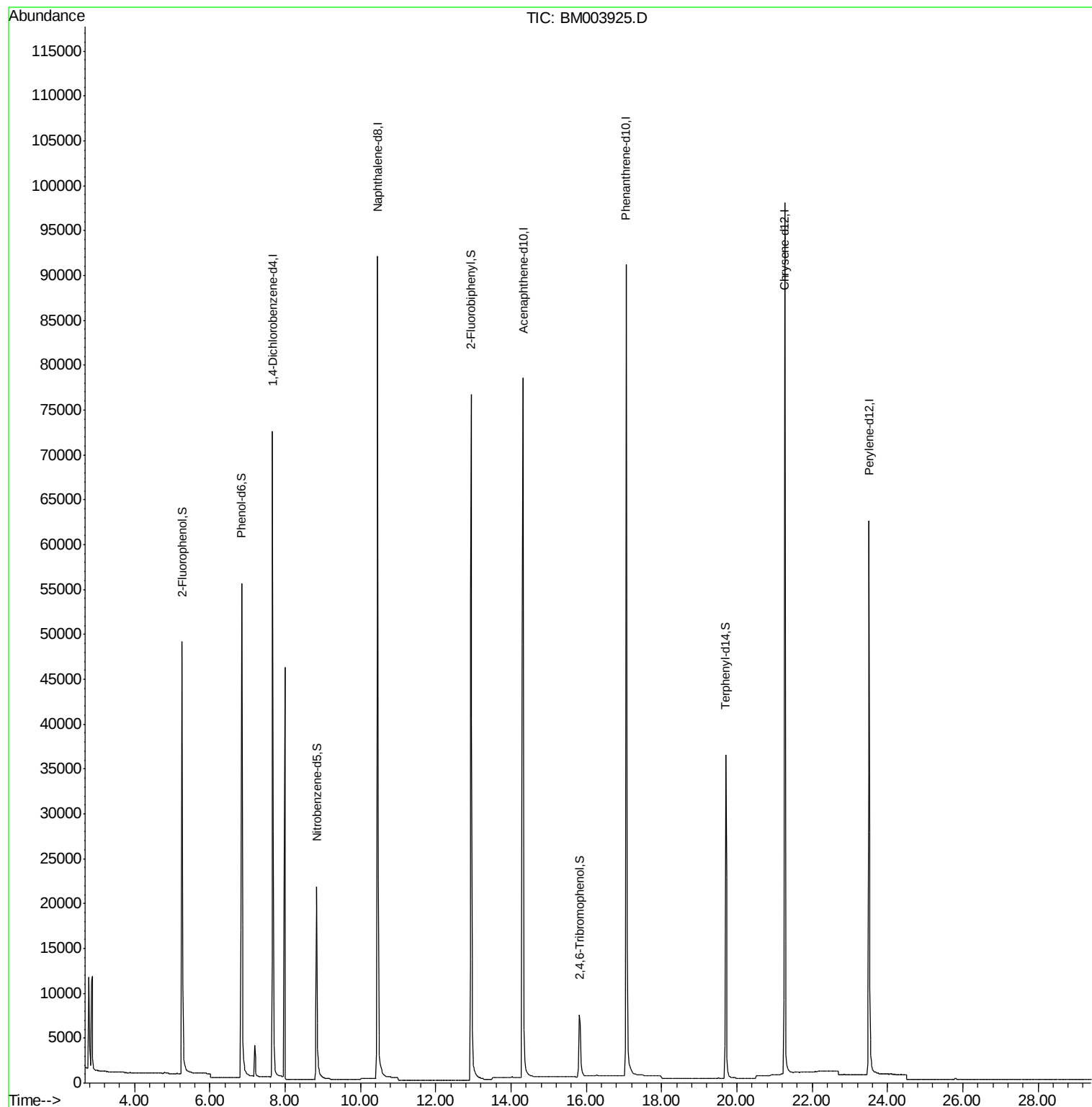
Target Compounds Qvalue

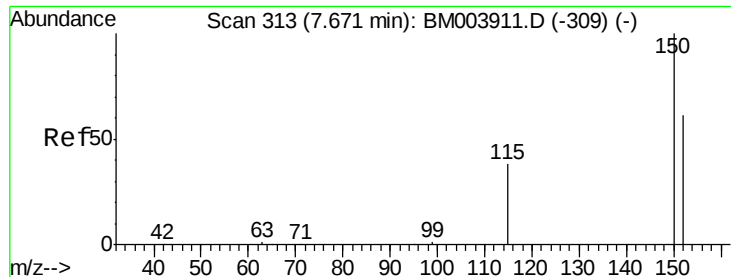
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.67 min Scan# 313

Delta R.T. 0.00 min

Lab File: BM003925.D

Acq: 08 Jan 2016 16:45

Instrument :

BNA_M

ClientSampleId :

PB87669BL

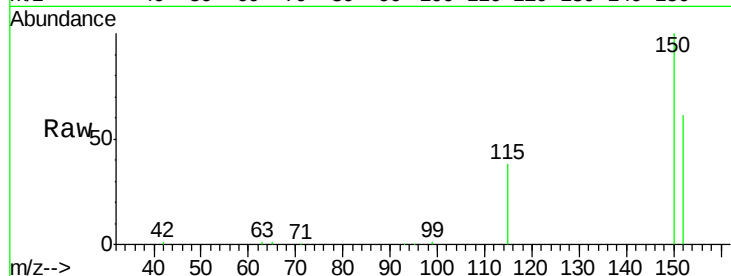
Tot Ion:152 Resp: 38281

Ion Ratio Lower Upper

152 100

150 162.8 122.9 184.3

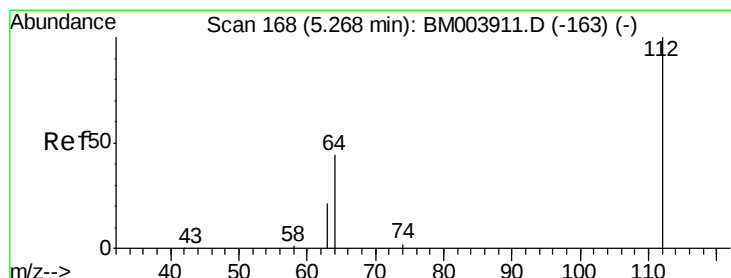
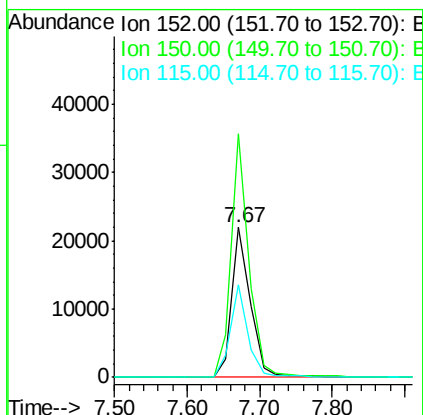
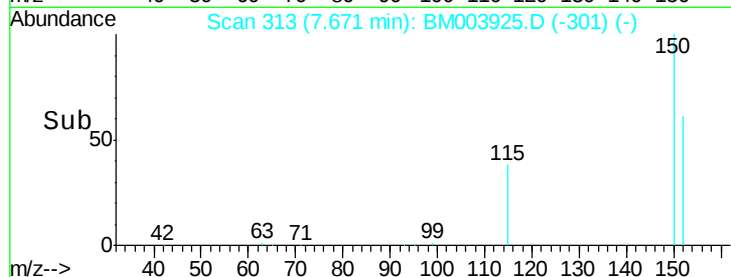
115 62.0 44.4 66.6



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: 7.17 ng

RT: 5.27 min Scan# 168

Delta R.T. 0.00 min

Lab File: BM003925.D

Acq: 08 Jan 2016 16:45

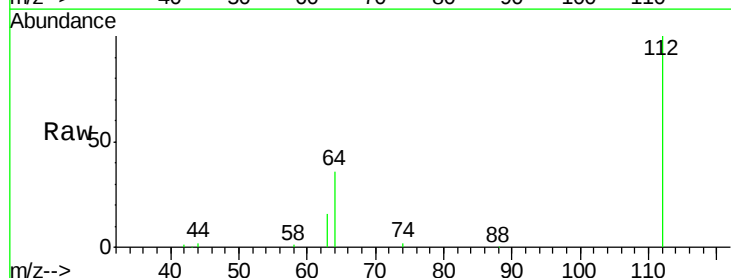
Tgt Ion:112 Resp: 56179

Ion Ratio Lower Upper

112 100

64 52.5 41.8 62.8

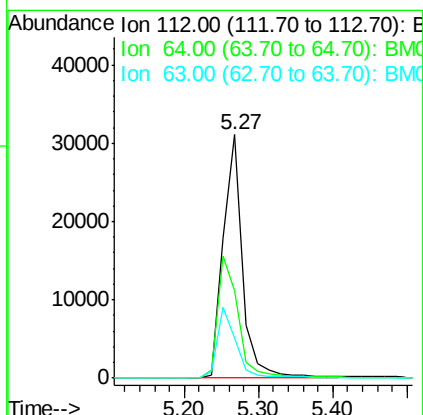
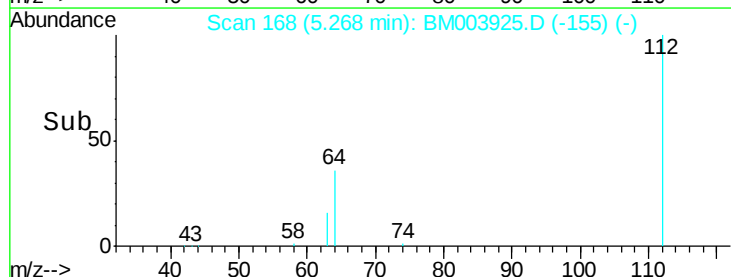
63 27.7 22.1 33.1

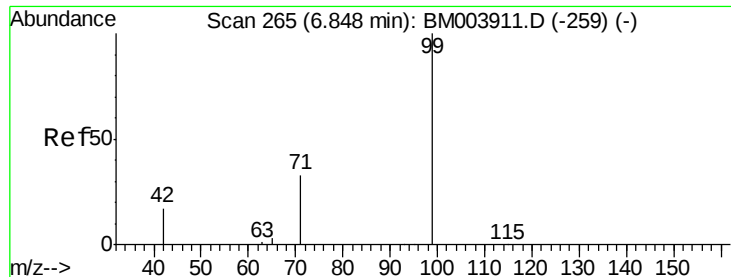


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 7.04 ng

RT: 6.85 min Scan# 265

Delta R.T. 0.00 min

Lab File: BM003925.D

Acq: 08 Jan 2016 16:45

Instrument :

BNA_M

ClientSampleId :

PB87669BL

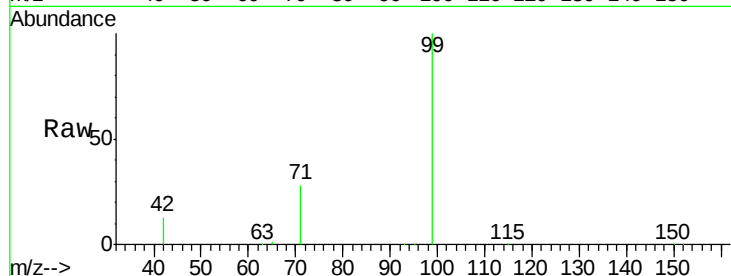
Tot Ion: 99 Resp: 67530

Ion Ratio Lower Upper

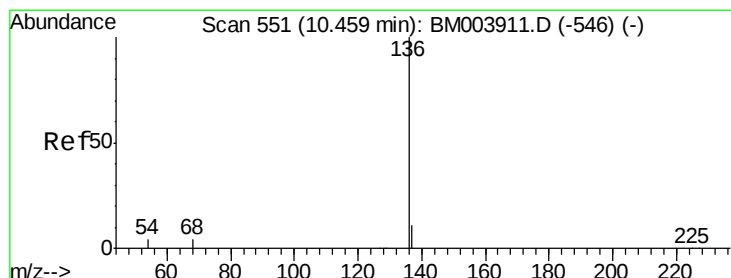
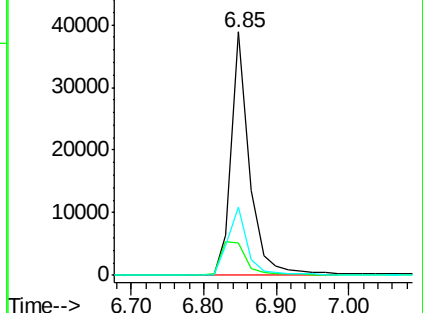
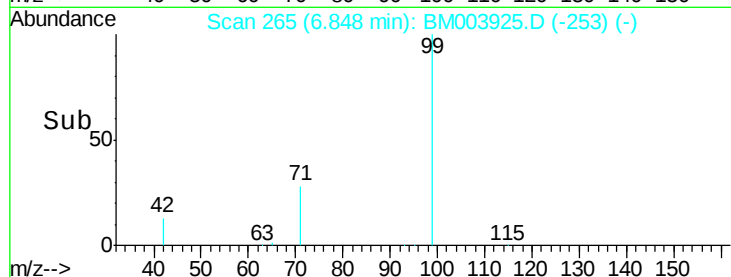
99 100

42 19.0 16.2 24.2

71 30.1 24.4 36.6



Abundance Ion 99.00 (98.70 to 99.70): BM003925.D (-253) (-)



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.46 min Scan# 551

Delta R.T. 0.00 min

Lab File: BM003925.D

Acq: 08 Jan 2016 16:45

Tgt Ion: 136 Resp: 149938

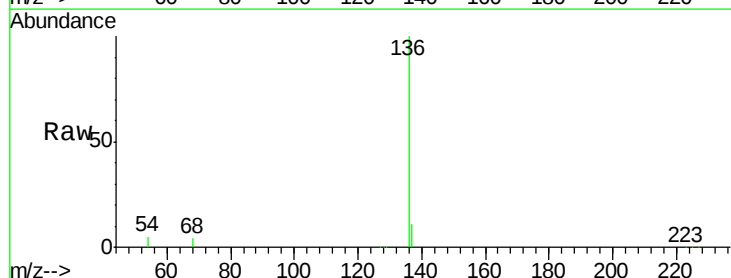
Ion Ratio Lower Upper

136 100

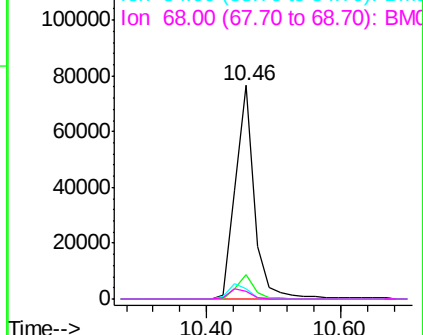
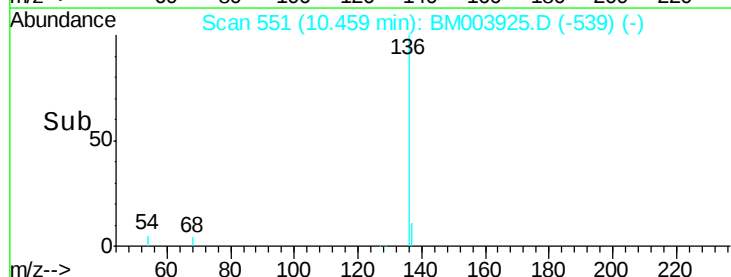
137 11.3 9.2 13.8

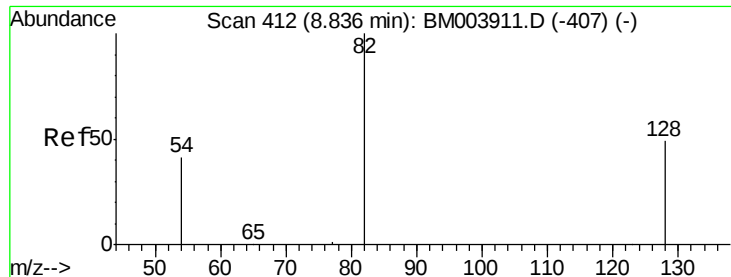
54 4.7 2.8 4.2#

68 3.9 2.5 3.7#



Abundance Ion 136.00 (135.70 to 136.70): BM003925.D (-539) (-)





#8

Nitrobenzene-d5

Concen: 3.41 ng

RT: 8.84 min Scan# 412

Delta R.T. 0.00 min

Lab File: BM003925.D

Acq: 08 Jan 2016 16:45

Instrument :

BNA_M

ClientSampleId :

PB87669BL

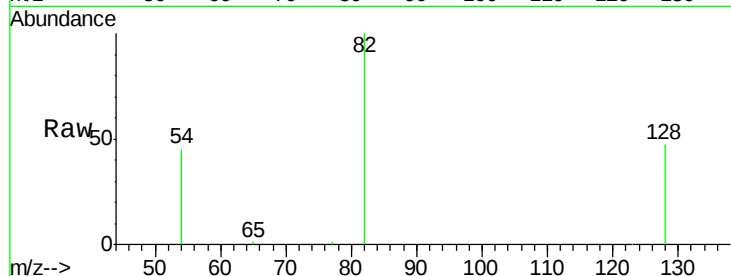
Tot Ion: 82 Resp: 25100

Ion Ratio Lower Upper

82 100

128 46.6 39.1 58.7

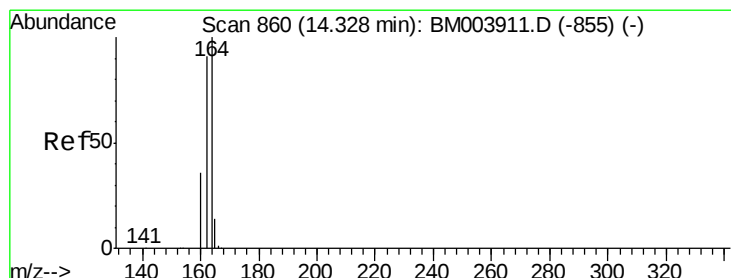
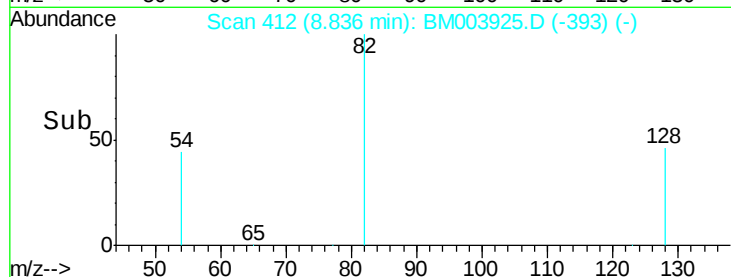
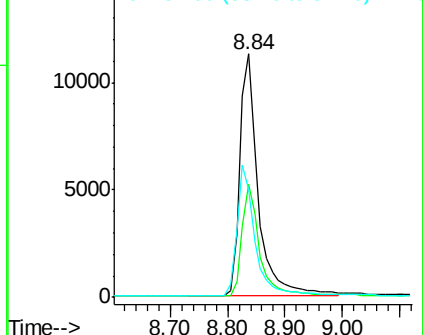
54 44.6 34.8 52.2



Abundance Ion 82.00 (81.70 to 82.70): BM003925.D (-393) (-)

Ion 128.00 (127.70 to 128.70): BM003925.D (-393) (-)

Ion 54.00 (53.70 to 54.70): BM003925.D (-393) (-)



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.33 min Scan# 860

Delta R.T. 0.00 min

Lab File: BM003925.D

Acq: 08 Jan 2016 16:45

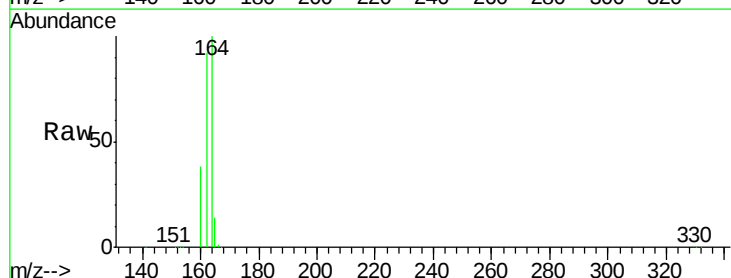
Tgt Ion: 164 Resp: 67047

Ion Ratio Lower Upper

164 100

162 92.2 86.0 129.0

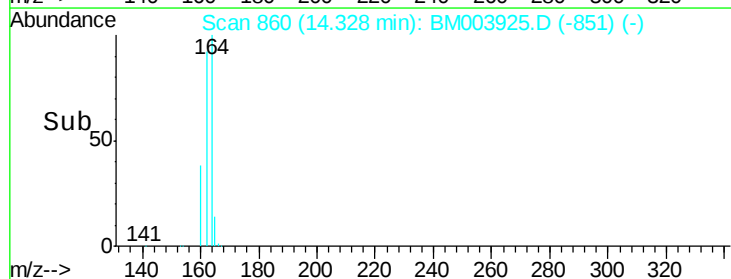
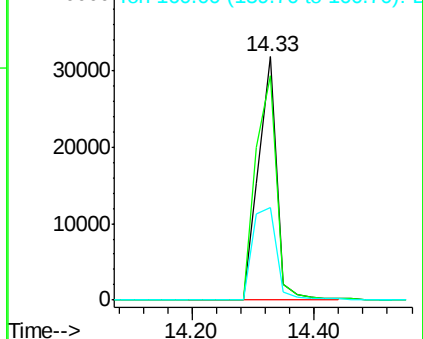
160 37.9 40.3 60.5#

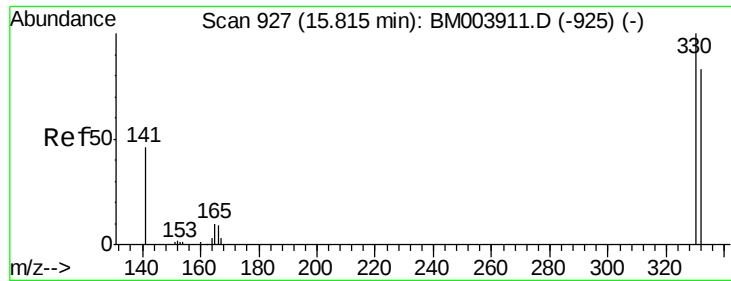


Abundance Ion 164.00 (163.70 to 164.70): BM003925.D (-851) (-)

Ion 162.00 (161.70 to 162.70): BM003925.D (-851) (-)

Ion 160.00 (159.70 to 160.70): BM003925.D (-851) (-)

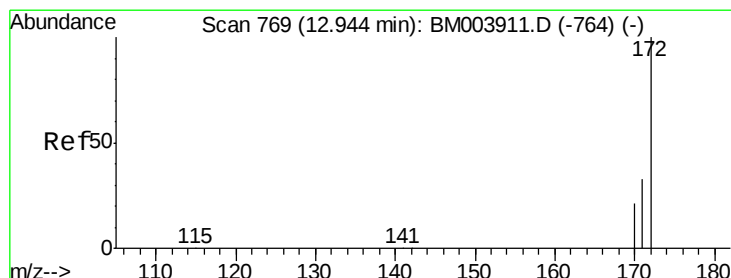
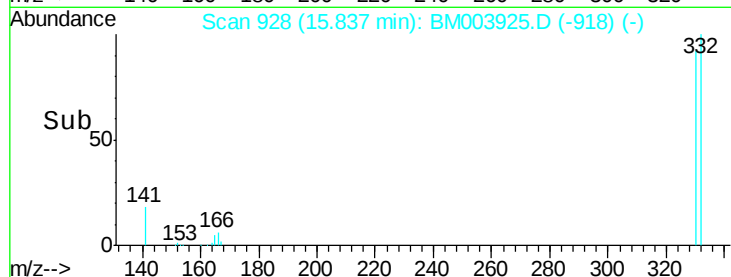
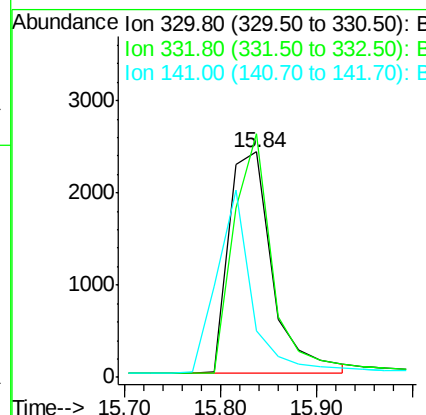
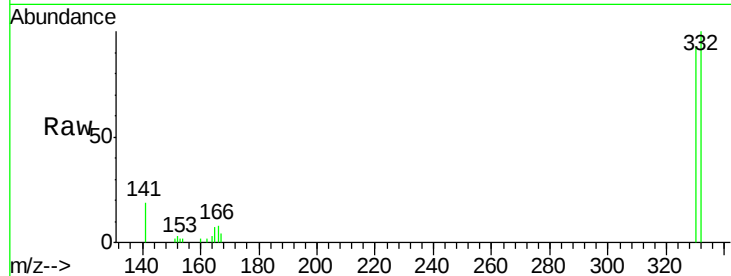




#14
 2,4,6-Tribromophenol
 Concen: 3.91 ng
 RT: 15.84 min Scan# 928
 Delta R.T. 0.02 min
 Lab File: BM003925.D
 Acq: 08 Jan 2016 16:45

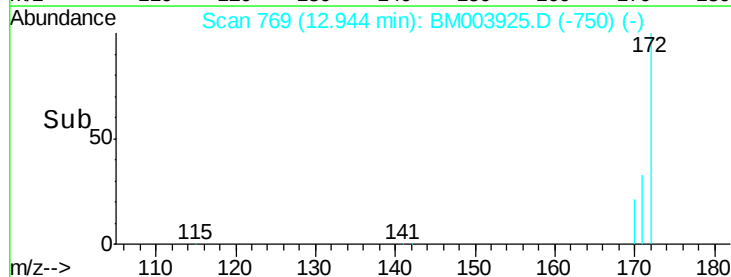
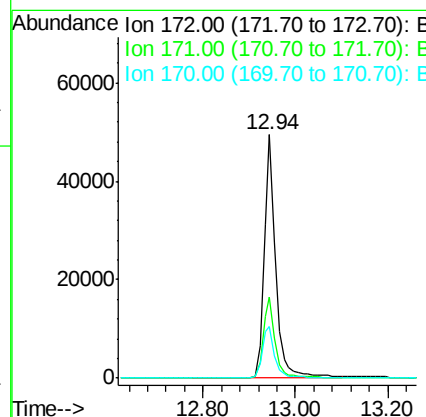
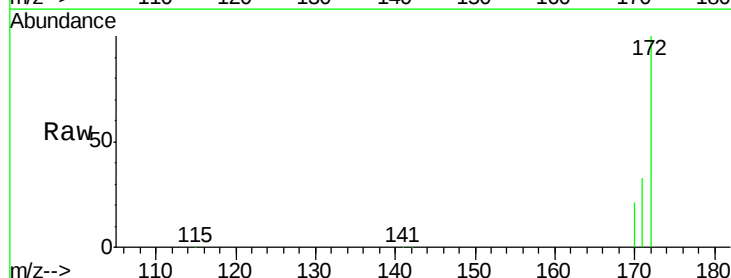
Instrument :
 BNA_M
 ClientSampleId :
 PB87669BL

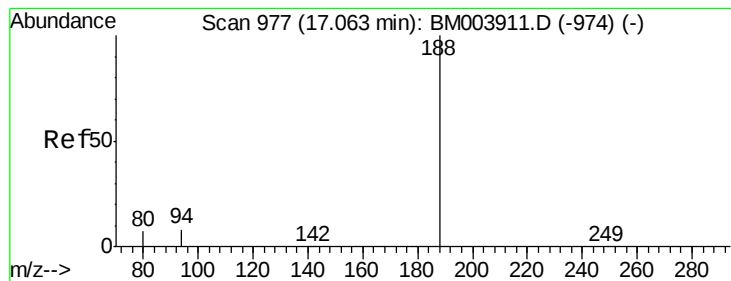
Tot Ion:330 Resp: 7620
 Ion Ratio Lower Upper
 330 100
 332 95.6 79.0 118.4
 141 0.0 0.0 0.0



#15
 2-Fluorobiphenyl
 Concen: 3.97 ng
 RT: 12.94 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BM003925.D
 Acq: 08 Jan 2016 16:45

Tgt Ion:172 Resp: 85816
 Ion Ratio Lower Upper
 172 100
 171 33.2 27.0 40.6
 170 21.2 17.9 26.9





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.06 min Scan# 977

Delta R.T. 0.00 min

Lab File: BM003925.D

Acq: 08 Jan 2016 16:45

Instrument :

BNA_M

ClientSampleId :

PB87669BL

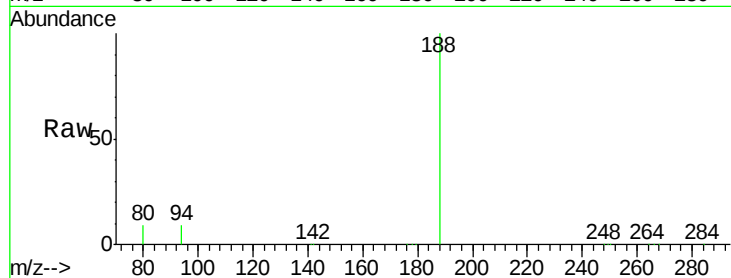
Tot Ion:188 Resp: 144874

Ion Ratio Lower Upper

188 100

94 9.4 20.3 30.5#

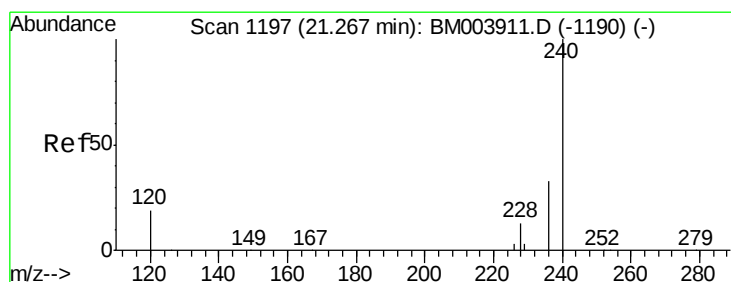
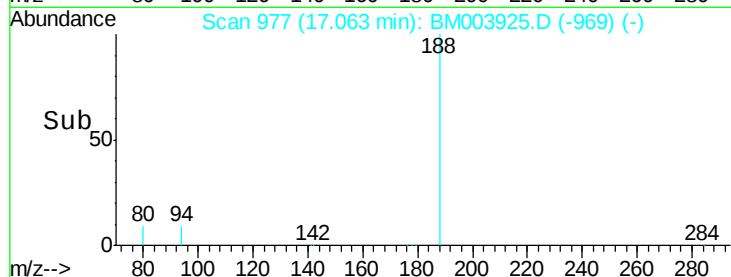
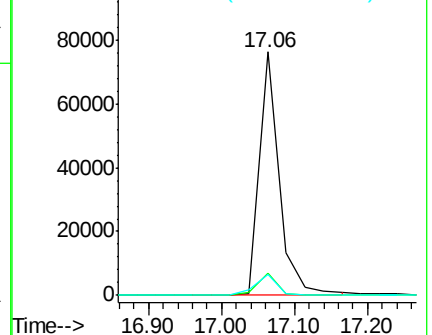
80 8.8 22.2 33.4#



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: 21.27 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BM003925.D

Acq: 08 Jan 2016 16:45

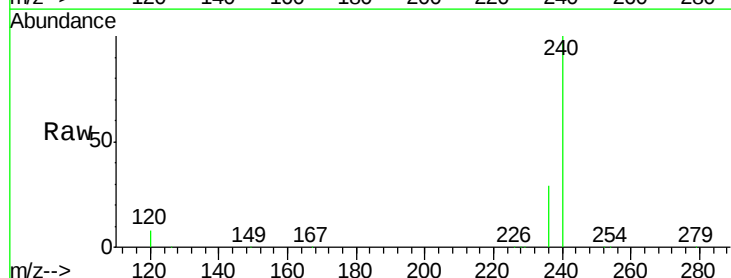
Tgt Ion:240 Resp: 106699

Ion Ratio Lower Upper

240 100

120 8.3 0.9 1.3#

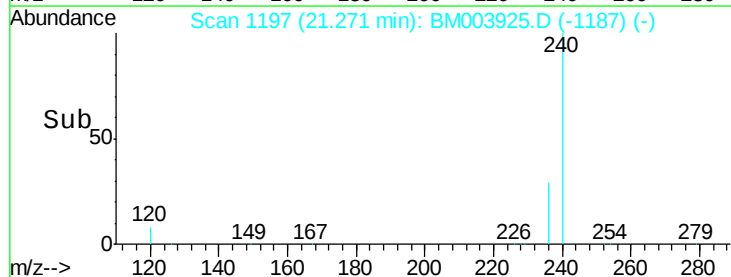
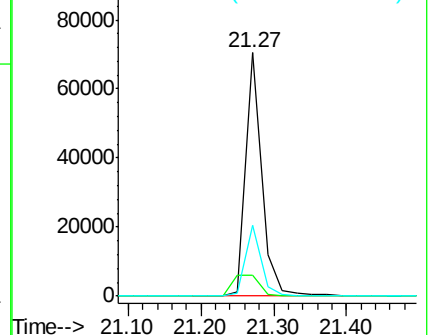
236 28.9 17.3 25.9#

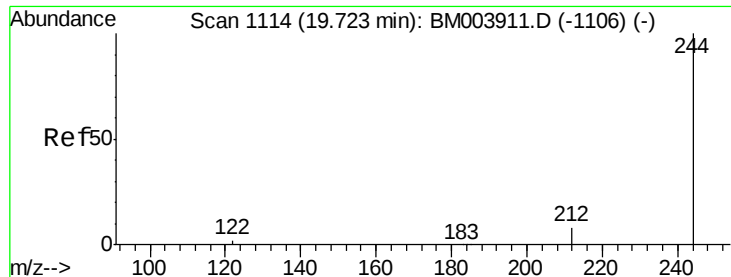


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 2.95 ng

RT: 19.71 min Scan# 1113

Delta R.T. -0.02 min

Lab File: BM003925.D

Acq: 08 Jan 2016 16:45

Instrument :

BNA_M

ClientSampleId :

PB87669BL

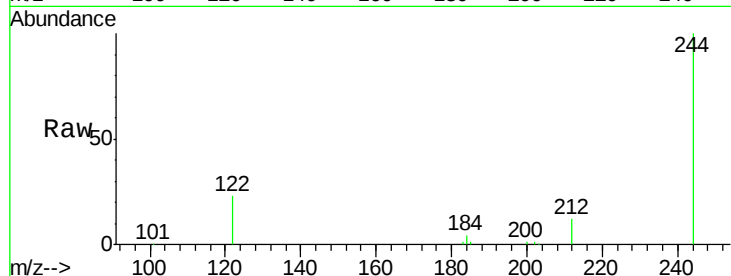
Tot Ion:244 Resp: 50988

Ion Ratio Lower Upper

244 100

212 12.1 7.0 10.6#

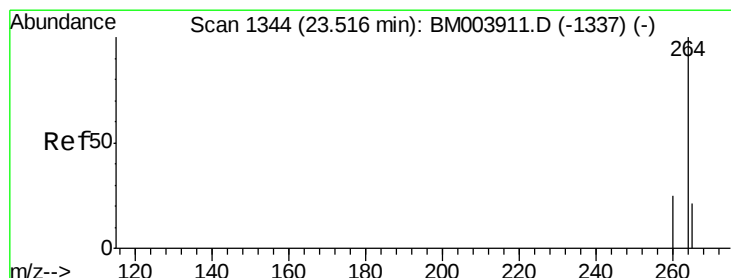
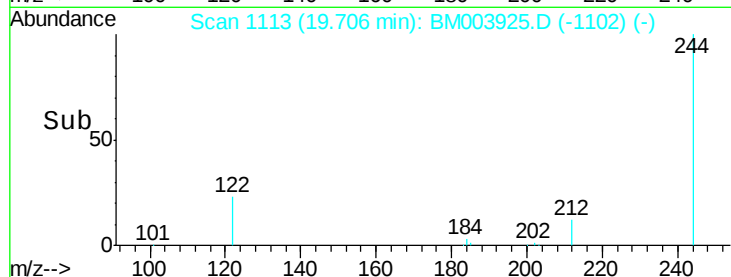
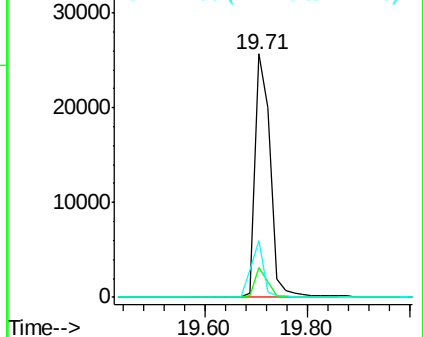
122 23.2 3.0 4.6#



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. -0.01 min

Lab File: BM003925.D

Acq: 08 Jan 2016 16:45

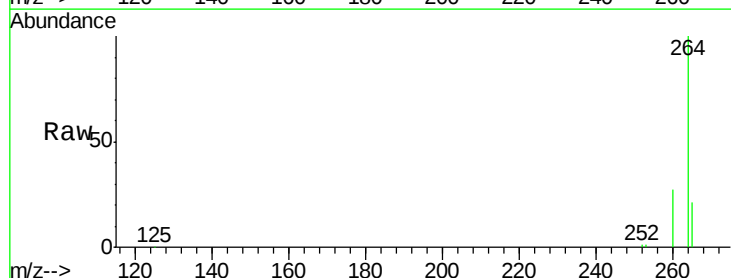
Tgt Ion:264 Resp: 88795

Ion Ratio Lower Upper

264 100

260 26.8 21.2 31.8

265 21.0 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

