

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120215\
 Data File : BM003364.D
 Acq On : 02 Dec 2015 19:58
 Operator : UM/IZ
 Sample : PB85646BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB85646BL

Quant Time: Dec 03 00:41:45 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 16:19:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	56158	5.00	ng	0.00
7) Naphthalene-d8	10.51	136	231897	5.00	ng	0.00
13) Acenaphthene-d10	14.38	164	115004	5.00	ng	0.00
19) Phenanthrene-d10	17.12	188	253235	5.00	ng	0.00
26) Chrysene-d12	21.32	240	190945	5.00	ng	-0.01
35) Perylene-d12	23.58	264	139554	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	81198	7.25	ng	0.00
5) Phenol-d6	6.88	99	102313	7.42	ng	0.00
8) Nitrobenzene-d5	8.88	82	38661	3.58	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	17771	6.00	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	149078	4.31	ng	0.00
29) Terphenyl-d14	19.76	244	113259	3.66	ng	0.00

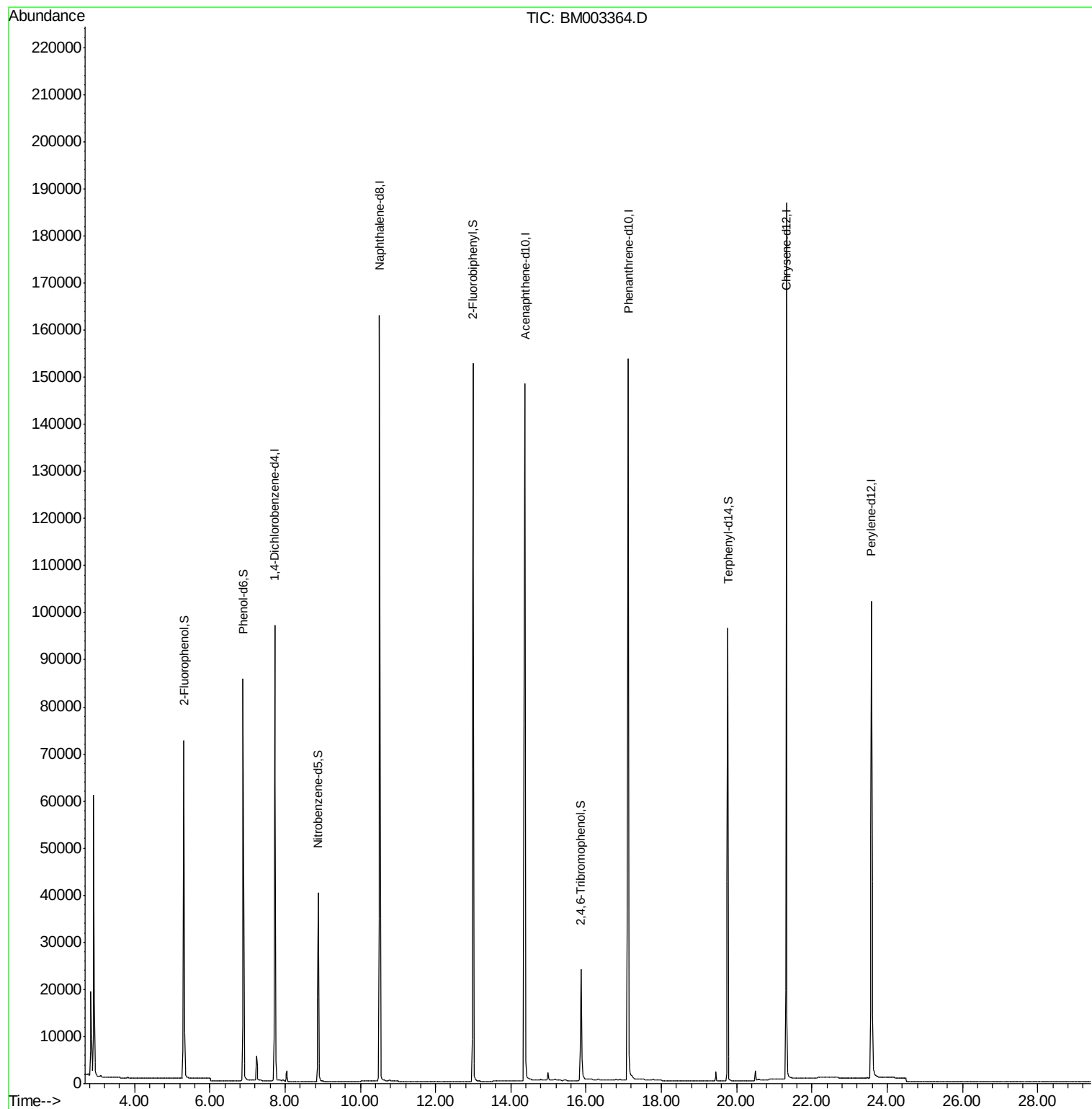
Target Compounds Qvalue

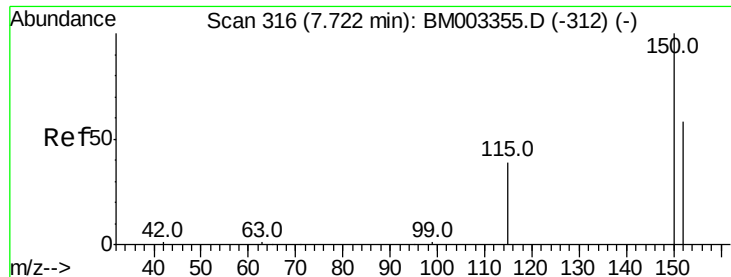
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.72 min Scan# 316

Delta R.T. -0.00 min

Lab File: BM003364.D

Acq: 02 Dec 2015 19:58

Instrument :

BNA_M

ClientSampleId :

PB85646BL

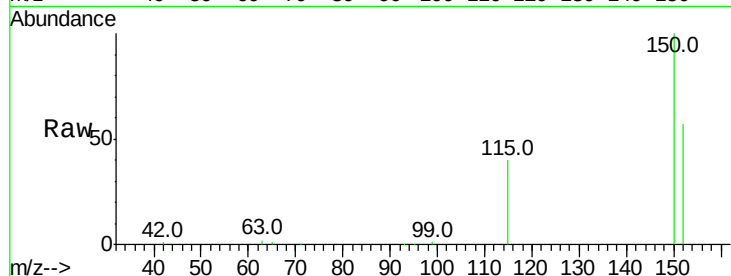
Tot Ion:152 Resp: 56158

Ion Ratio Lower Upper

152 100

150 176.9 143.6 215.4

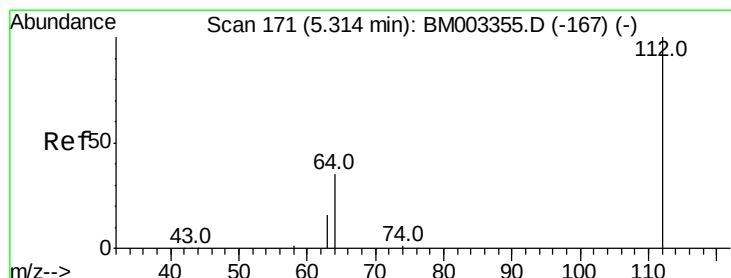
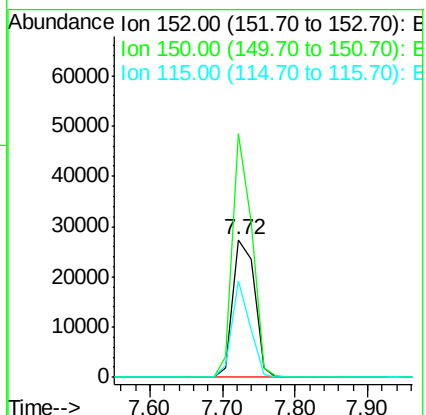
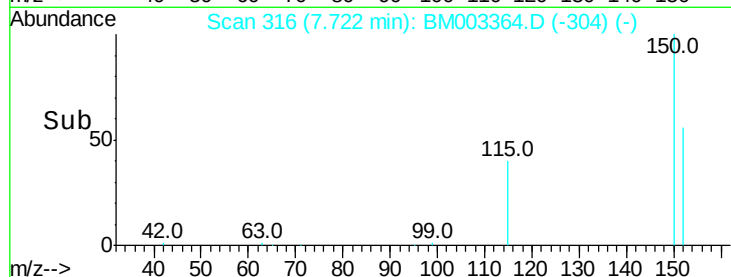
115 70.3 58.5 87.7



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: 7.25 ng

RT: 5.31 min Scan# 171

Delta R.T. 0.00 min

Lab File: BM003364.D

Acq: 02 Dec 2015 19:58

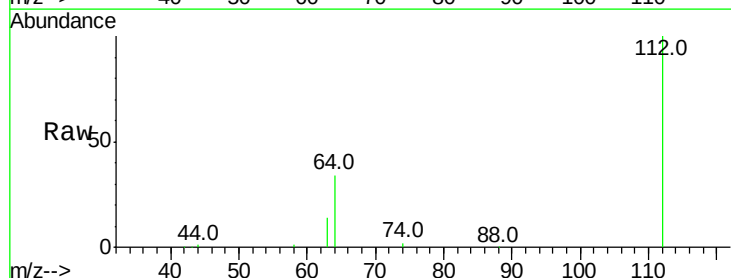
Tgt Ion:112 Resp: 81198

Ion Ratio Lower Upper

112 100

64 51.7 41.2 61.8

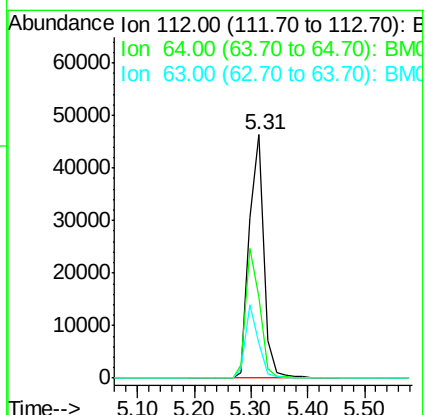
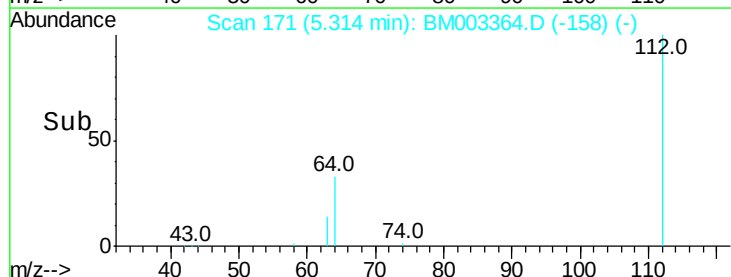
63 27.0 21.2 31.8

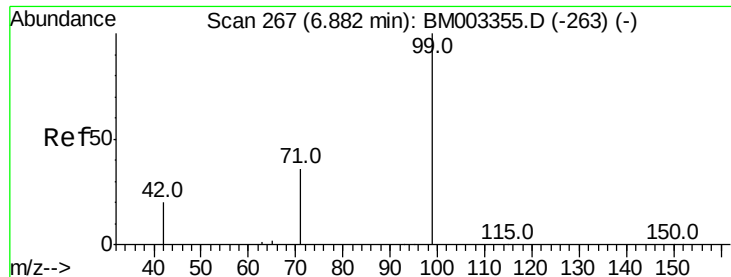


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 7.42 ng

RT: 6.88 min Scan# 267

Delta R.T. 0.00 min

Lab File: BM003364.D

Acq: 02 Dec 2015 19:58

Instrument :

BNA_M

ClientSampleId :

PB85646BL

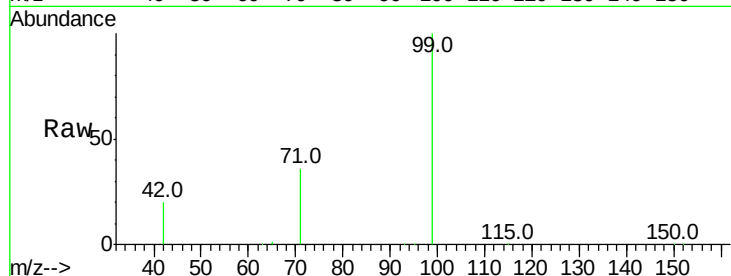
Tot Ion: 99 Resp: 102313

Ion Ratio Lower Upper

99 100

42 17.8 14.6 22.0

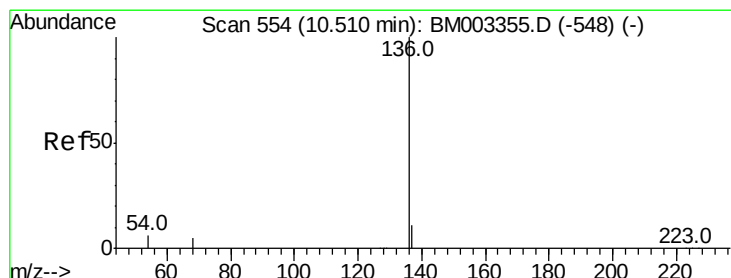
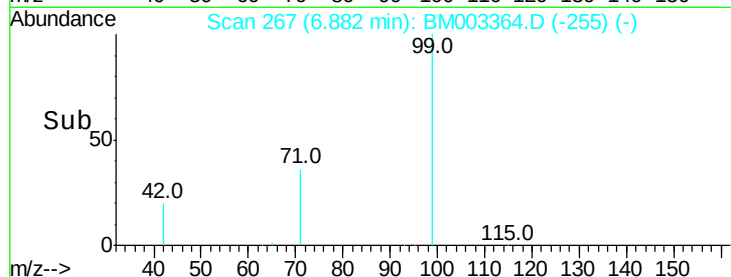
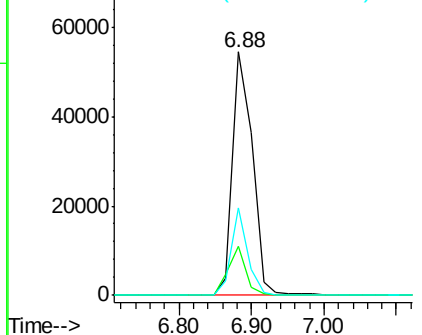
71 29.5 23.3 34.9



Abundance Ion 99.00 (98.70 to 99.70): BM003364.D (-255) (-)

Ion 42.00 (41.70 to 42.70): BM003364.D (-255) (-)

Ion 71.00 (70.70 to 71.70): BM003364.D (-255) (-)



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.51 min Scan# 554

Delta R.T. 0.00 min

Lab File: BM003364.D

Acq: 02 Dec 2015 19:58

Tgt Ion: 136 Resp: 231897

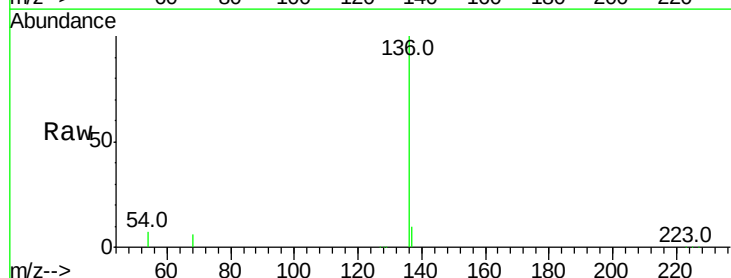
Ion Ratio Lower Upper

136 100

137 10.5 8.0 12.0

54 6.8 7.4 11.0#

68 5.5 5.8 8.6#

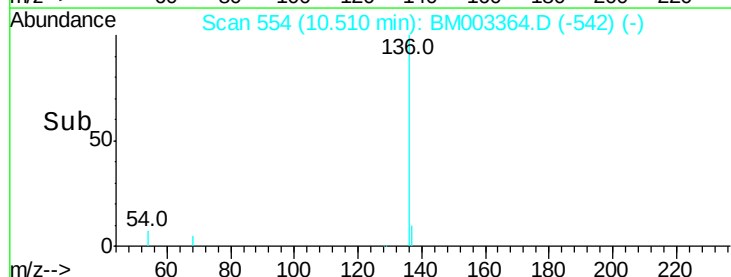
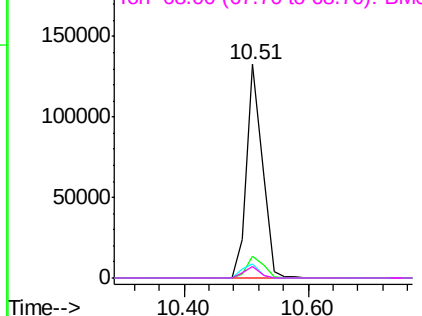


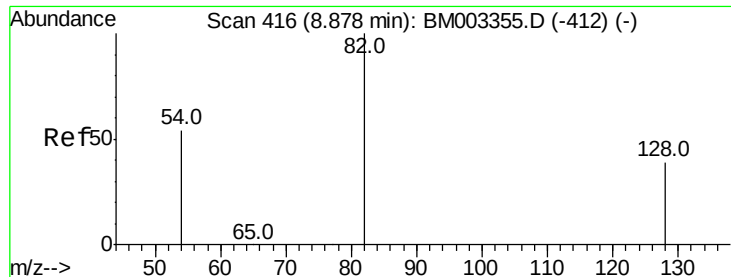
Abundance Ion 136.00 (135.70 to 136.70): BM003364.D (-542) (-)

Ion 137.00 (136.70 to 137.70): BM003364.D (-542) (-)

Ion 54.00 (53.70 to 54.70): BM003364.D (-542) (-)

Ion 68.00 (67.70 to 68.70): BM003364.D (-542) (-)





#8

Nitrobenzene-d5

Concen: 3.58 ng

RT: 8.88 min Scan# 416

Delta R.T. -0.00 min

Lab File: BM003364.D

Acq: 02 Dec 2015 19:58

Instrument :

BNA_M

ClientSampled :

PB85646BL

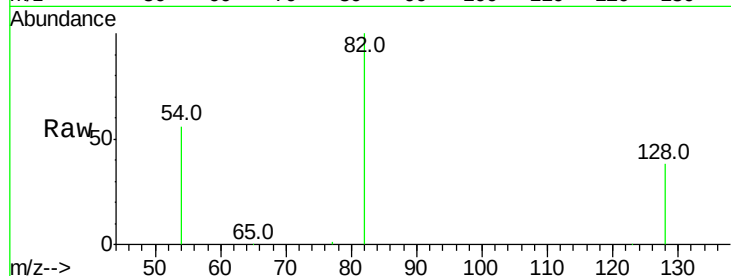
Tot Ion: 82 Resp: 38661

Ion Ratio Lower Upper

82 100

128 37.8 35.2 52.8

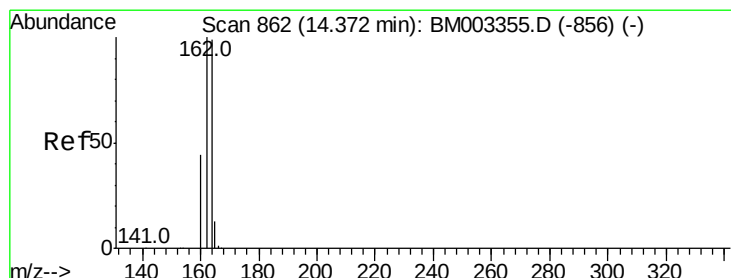
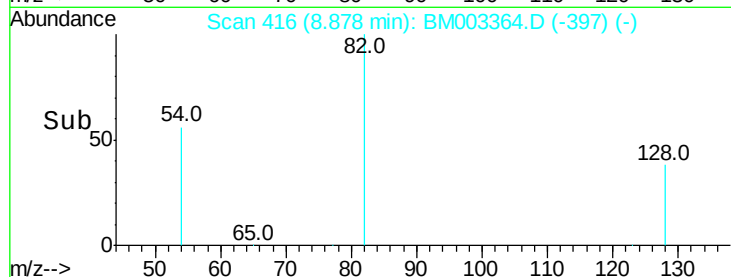
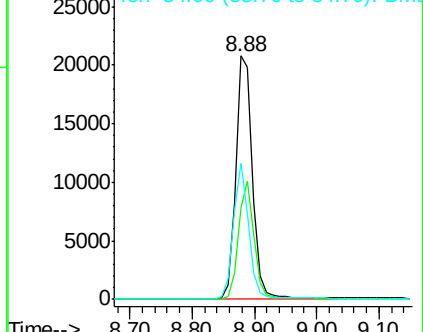
54 55.6 36.4 54.6#



Abundance Ion 82.00 (81.70 to 82.70): BM003355.D (-412) (-)

Ion 128.00 (127.70 to 128.70): BM003355.D (-412) (-)

Ion 54.00 (53.70 to 54.70): BM003355.D (-412) (-)



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.38 min Scan# 862

Delta R.T. 0.01 min

Lab File: BM003364.D

Acq: 02 Dec 2015 19:58

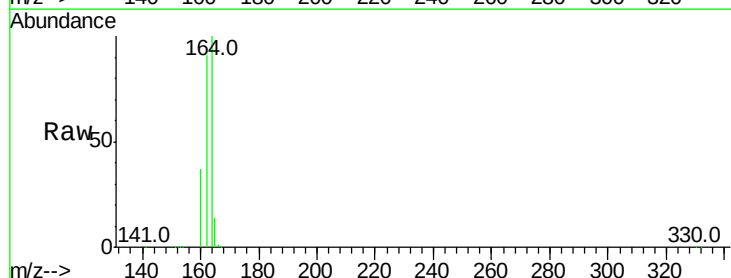
Tgt Ion:164 Resp: 115004

Ion Ratio Lower Upper

164 100

162 91.3 78.3 117.5

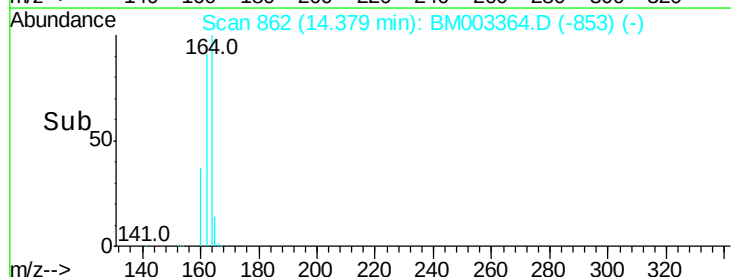
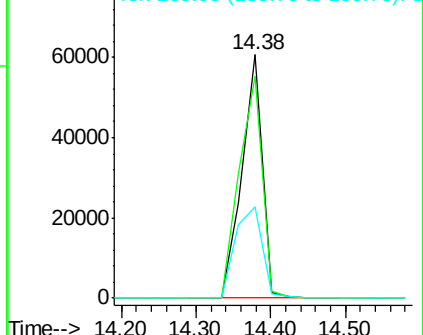
160 37.4 33.8 50.6

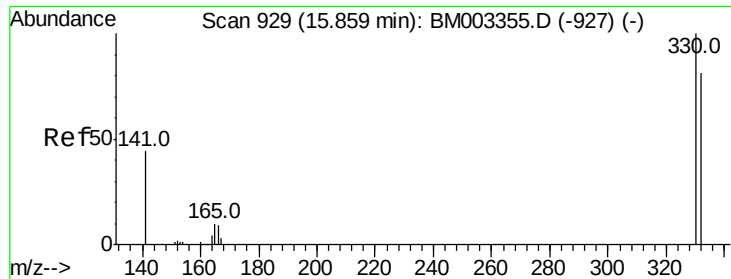


Abundance Ion 164.00 (163.70 to 164.70): BM003355.D (-856) (-)

Ion 162.00 (161.70 to 162.70): BM003355.D (-856) (-)

Ion 160.00 (159.70 to 160.70): BM003355.D (-856) (-)

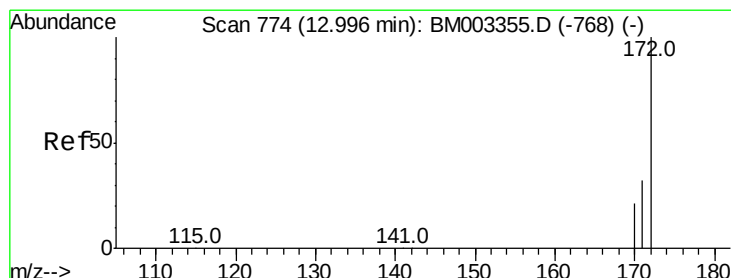
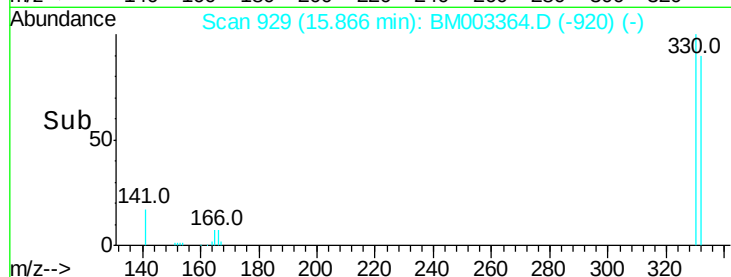
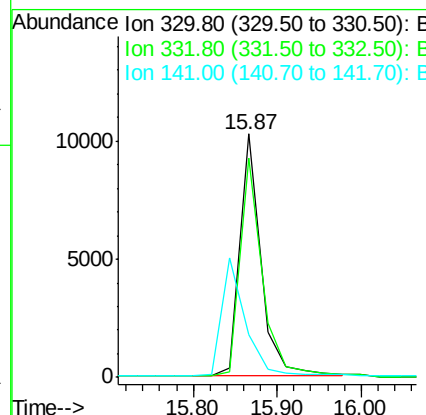
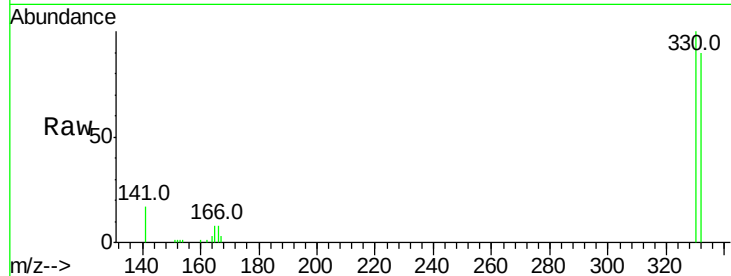




#14
 2,4,6-Tribromophenol
 Concen: 6.00 ng
 RT: 15.87 min Scan# 929
 Delta R.T. 0.01 min
 Lab File: BM003364.D
 Acq: 02 Dec 2015 19:58

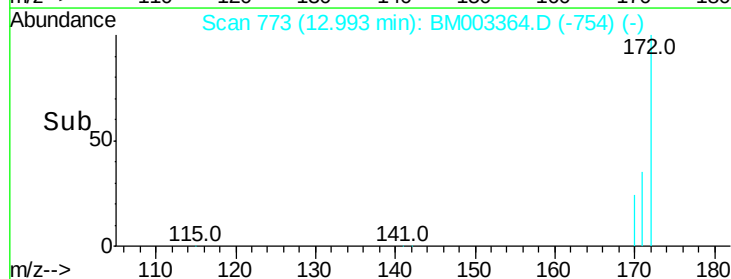
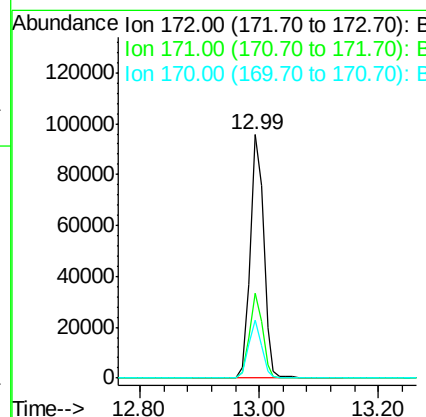
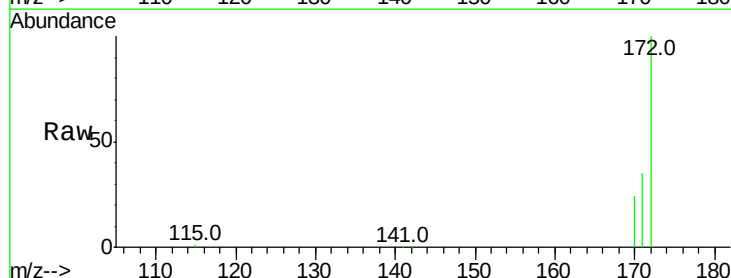
Instrument :
 BNA_M
 ClientSampleID :
 PB85646BL

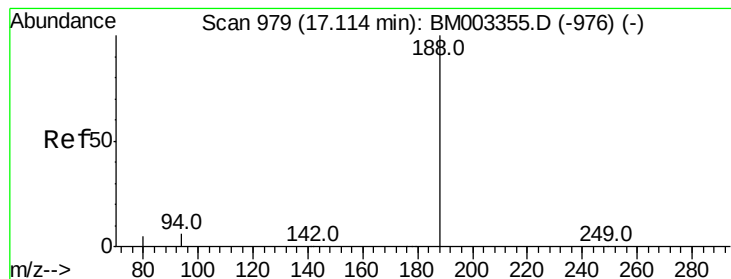
Tot Ion:330 Resp: 17771
 Ion Ratio Lower Upper
 330 100
 332 94.2 76.0 114.0
 141 0.0 0.0 0.0



#15
 2-Fluorobiphenyl
 Concen: 4.31 ng
 RT: 12.99 min Scan# 773
 Delta R.T. -0.00 min
 Lab File: BM003364.D
 Acq: 02 Dec 2015 19:58

Tgt Ion:172 Resp: 149078
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.0 42.0
 170 23.9 18.9 28.3





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.12 min Scan# 979

Delta R.T. 0.01 min

Lab File: BM003364.D

Acq: 02 Dec 2015 19:58

Instrument :

BNA_M

ClientSampleId :

PB85646BL

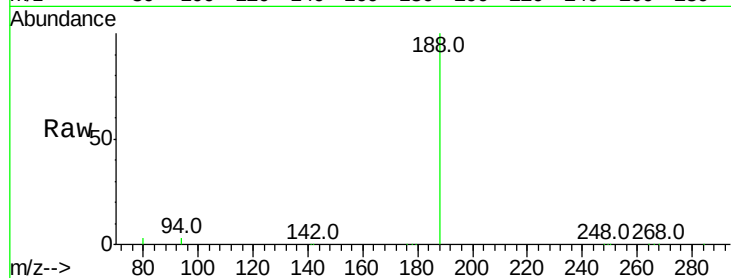
Tot Ion:188 Resp: 253235

Ion Ratio Lower Upper

188 100

94 3.4 1.8 2.6#

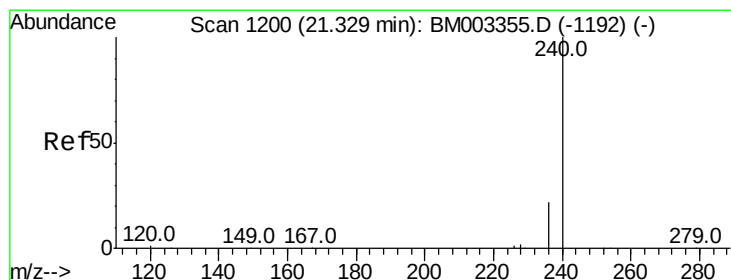
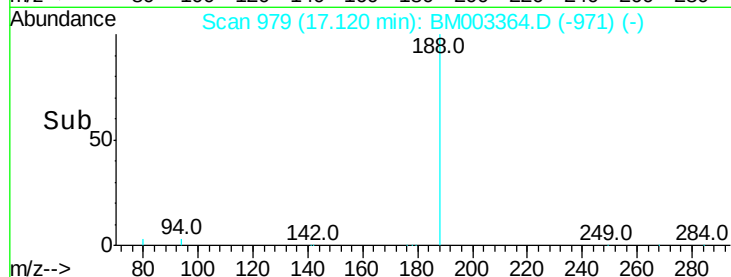
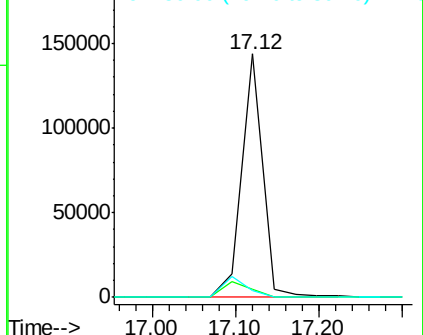
80 2.8 1.4 2.0#



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: 21.32 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BM003364.D

Acq: 02 Dec 2015 19:58

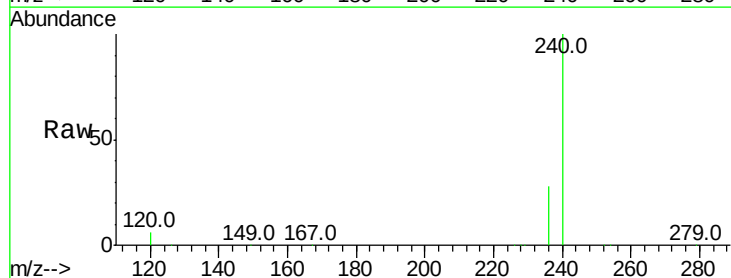
Tgt Ion:240 Resp: 190945

Ion Ratio Lower Upper

240 100

120 5.7 1.0 1.4#

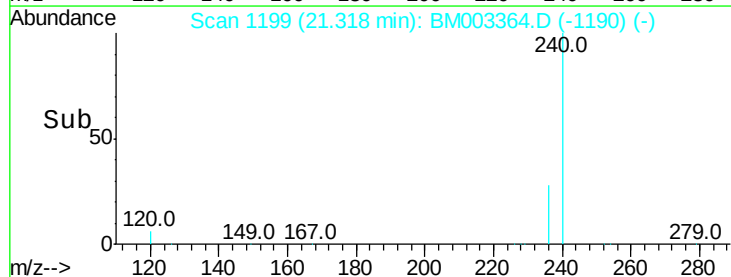
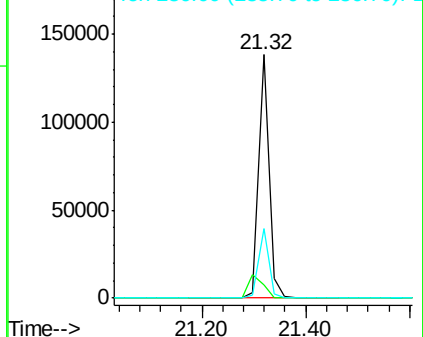
236 28.3 17.9 26.9#

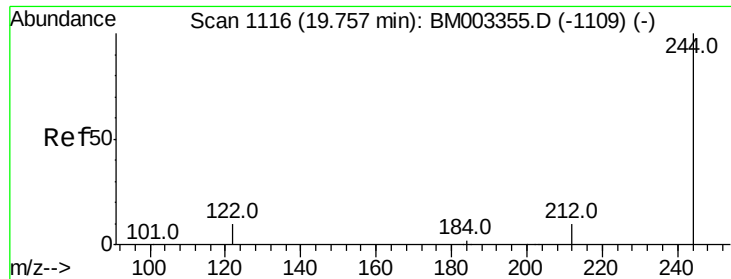


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 3.66 ng

RT: 19.76 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BM003364.D

Acq: 02 Dec 2015 19:58

Instrument :

BNA_M

ClientSampleId :

PB85646BL

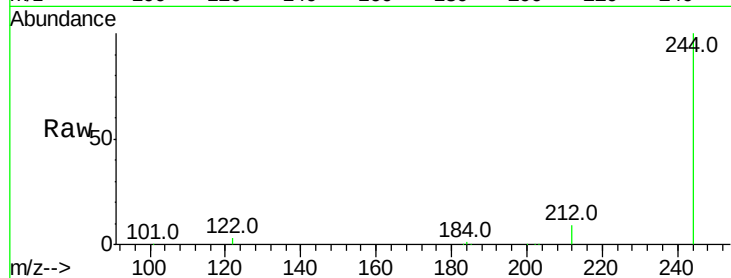
Tot Ion:244 Resp: 113259

Ion Ratio Lower Upper

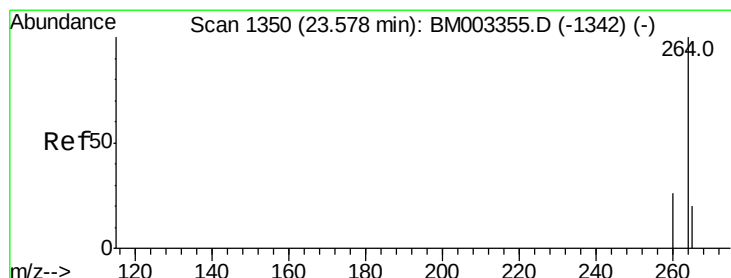
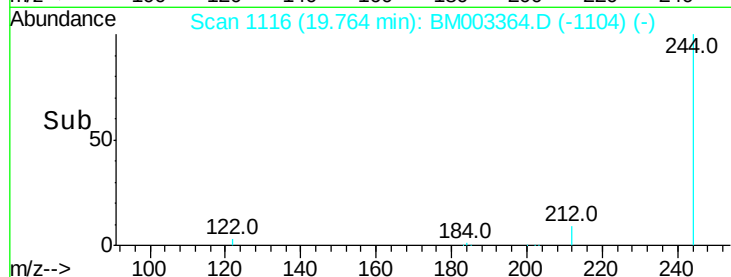
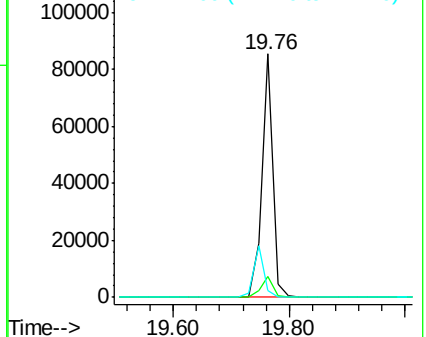
244 100

212 8.7 6.5 9.7

122 2.7 2.0 3.0



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: 23.58 min Scan# 1350

Delta R.T. 0.00 min

Lab File: BM003364.D

Acq: 02 Dec 2015 19:58

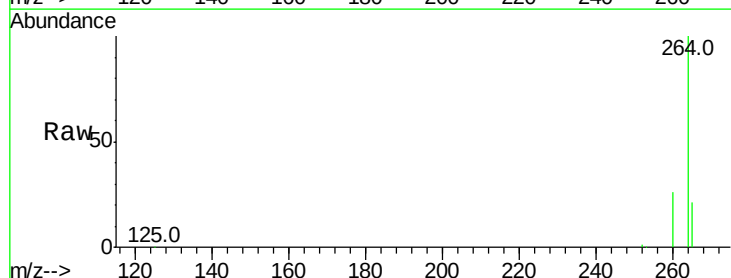
Tgt Ion:264 Resp: 139554

Ion Ratio Lower Upper

264 100

260 26.3 19.6 29.4

265 21.0 18.4 27.6



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

