

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101415\
 Data File : BM002902.D
 Acq On : 14 Oct 2015 18:16
 Operator : UM/IZ
 Sample : PB85740BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB85740BL

Quant Time: Oct 15 01:12:23 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIM-ACID-BM0101315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 01:02:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.65	152	93958	5.00	ng	0.00
8) Naphthalene-d8	11.50	136	378075	5.00	ng	0.00
14) Acenaphthene-d10	15.25	164	194814	5.00	ng	0.00
21) Phenanthrene-d10	17.95	188	450142	5.00	ng	0.00
24) Chrysene-d12	22.04	240	439067	5.00	ng	0.00
26) Perylene-d12	24.61	264	421434	5.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	6.10	112	146142	8.07	ng	-0.05
3) Phenol-d6	7.77	99	184877	7.16	ng	-0.03
9) Nitrobenzene-d5	9.85	82	78446	3.77	ng	-0.01
15) 2,4,6-Tribromophenol	16.71	330	57849	8.13	ng	0.00
18) 2-Fluorobiphenyl	13.87	172	260444	4.09	ng	0.00
25) Terphenyl-d14	20.48	244	245548	3.68	ng	0.00

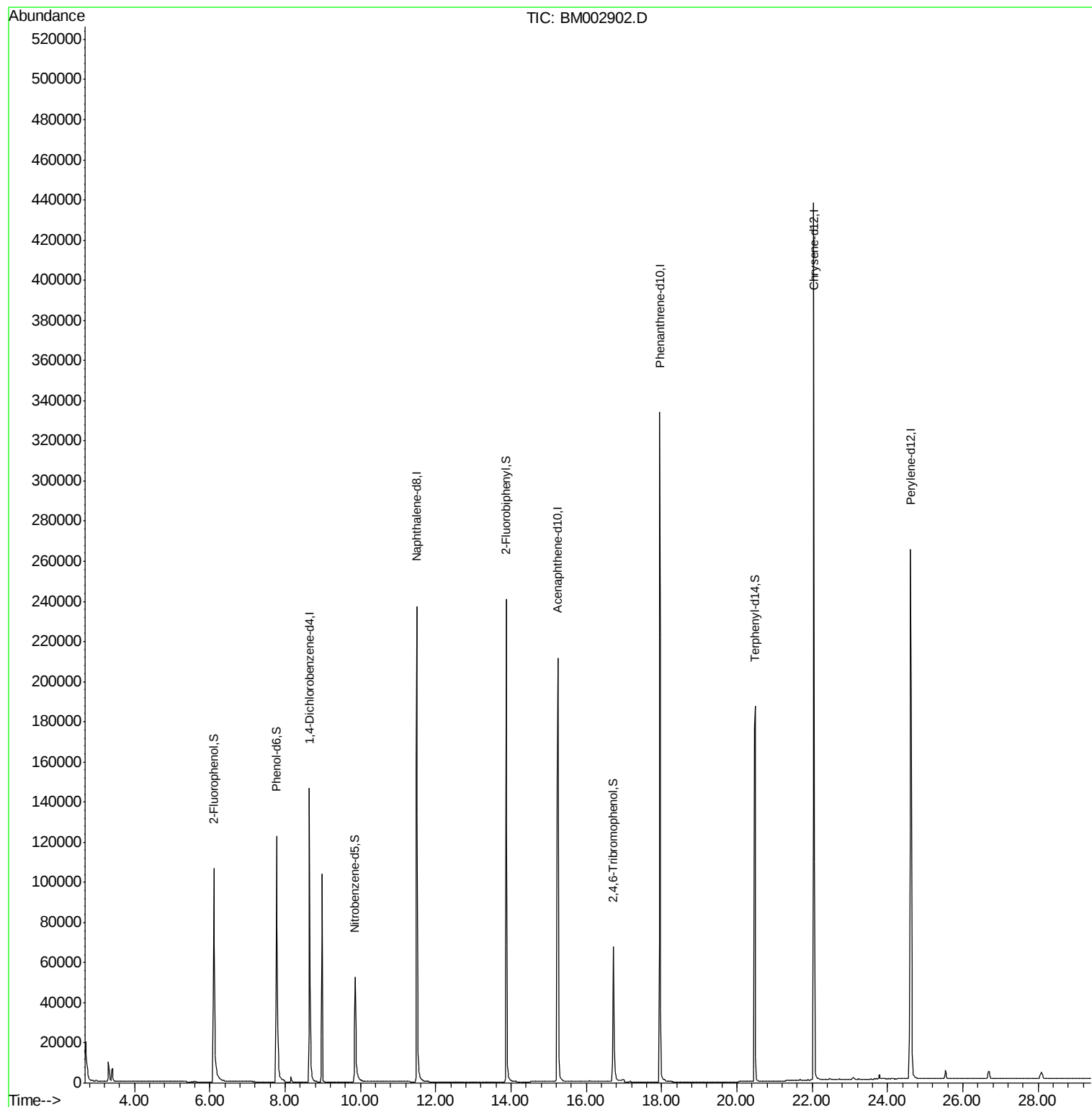
Target Compounds Qvalue

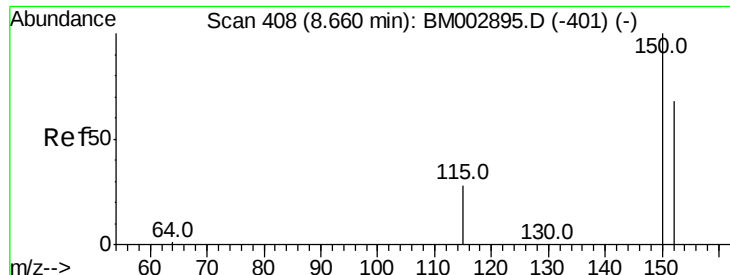
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.65 min Scan# 407

Delta R.T. -0.00 min

Lab File: BM002902.D

Acq: 14 Oct 2015 18:16

Instrument :

BNA_M

ClientSampleId :

PB85740BL

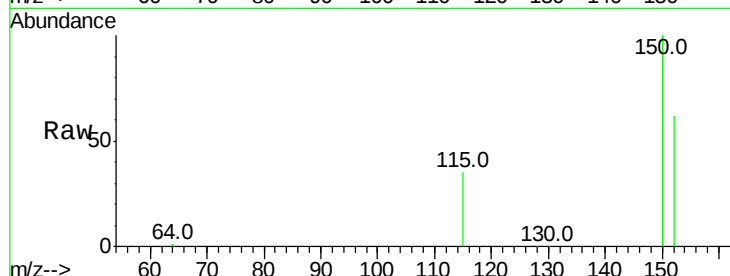
Tot Ion:152 Resp: 93958

Ion Ratio Lower Upper

152 100

150 160.5 116.3 174.5

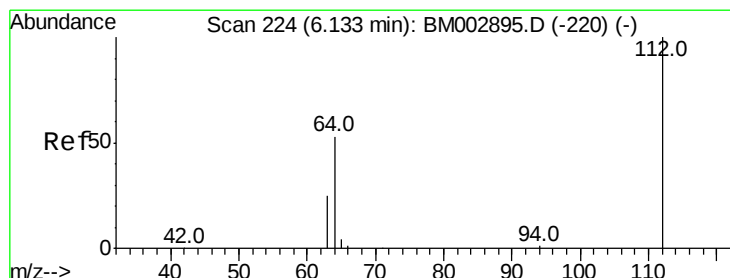
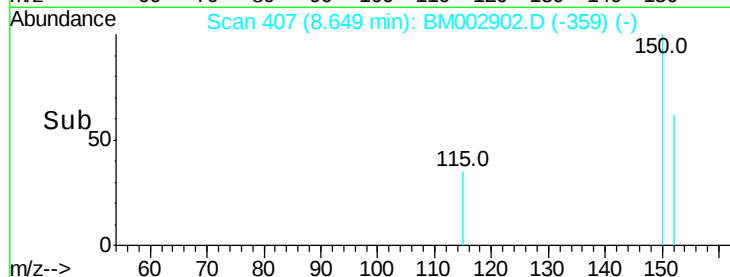
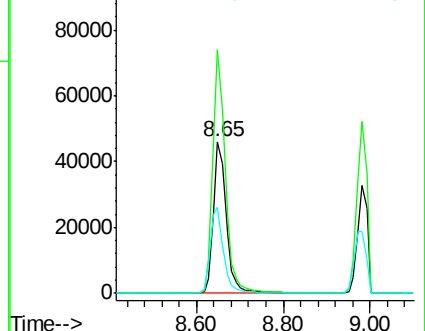
115 56.4 31.9 47.9#



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



#2

2-Fluorophenol

Concen: 8.07 ng

RT: 6.10 min Scan# 222

Delta R.T. -0.05 min

Lab File: BM002902.D

Acq: 14 Oct 2015 18:16

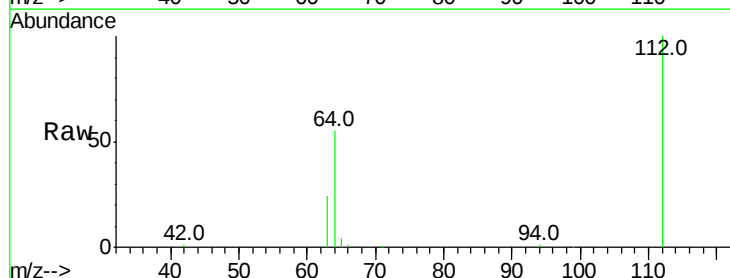
Tgt Ion:112 Resp: 146142

Ion Ratio Lower Upper

112 100

64 54.6 49.3 73.9

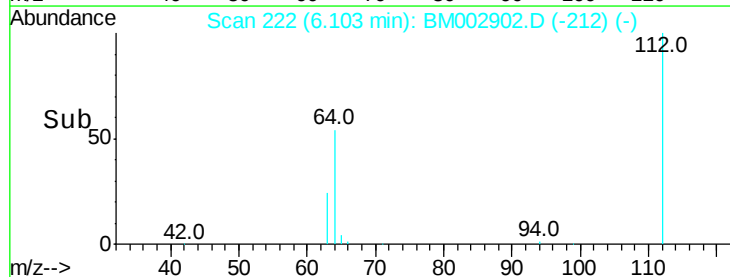
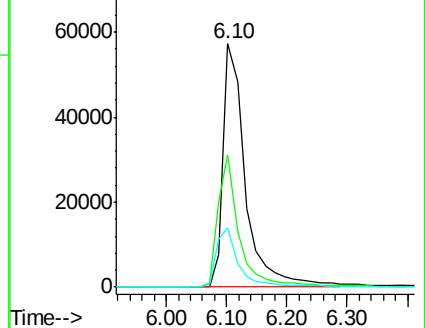
63 24.5 26.2 39.4#

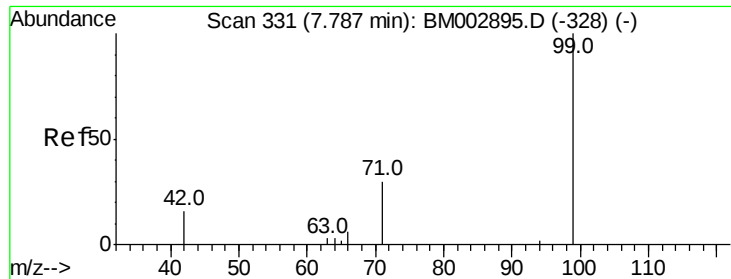


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#3

Phenol-d6

Concen: 7.16 ng

RT: 7.77 min Scan# 330

Delta R.T. -0.03 min

Lab File: BM002902.D

Acq: 14 Oct 2015 18:16

Instrument :

BNA_M

ClientSampleId :

PB85740BL

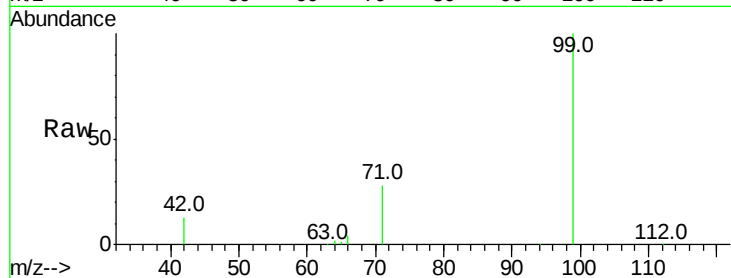
Tot Ion: 99 Resp: 184877

Ion Ratio Lower Upper

99 100

42 13.0 12.1 18.1

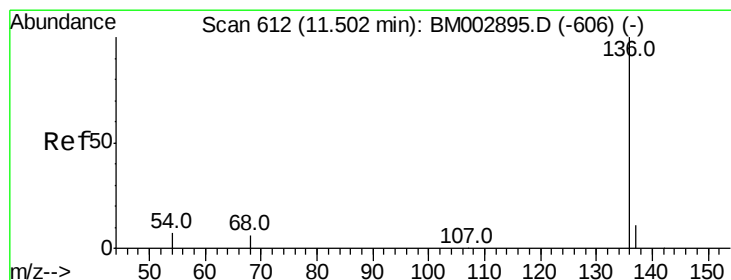
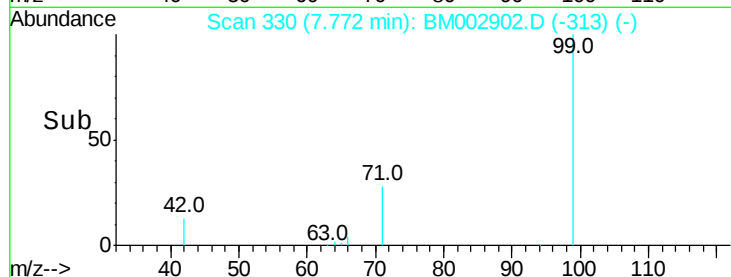
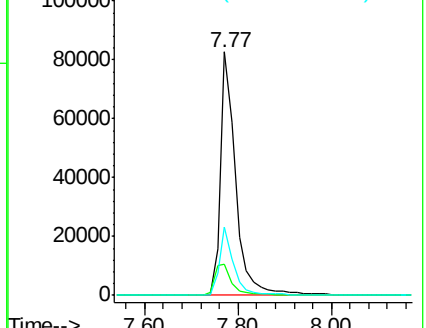
71 28.3 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BM002895.D (-328) (-)

Ion 42.00 (41.70 to 42.70): BM002895.D (-328) (-)

Ion 71.00 (70.70 to 71.70): BM002895.D (-328) (-)



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 11.50 min Scan# 612

Delta R.T. -0.00 min

Lab File: BM002902.D

Acq: 14 Oct 2015 18:16

Tgt Ion: 136 Resp: 378075

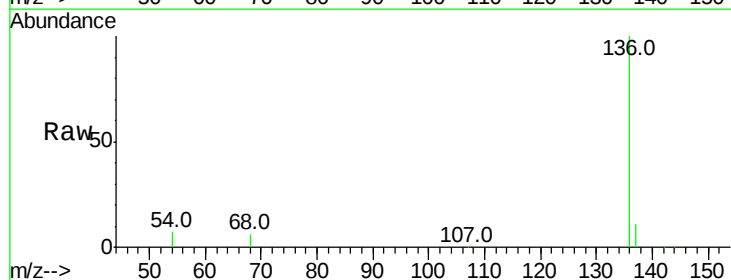
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 6.7 2.6 3.8#

68 5.9 2.2 3.2#

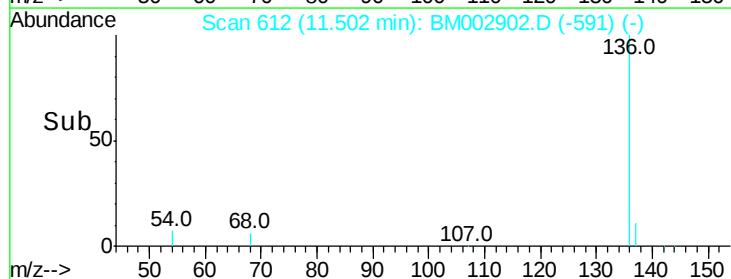
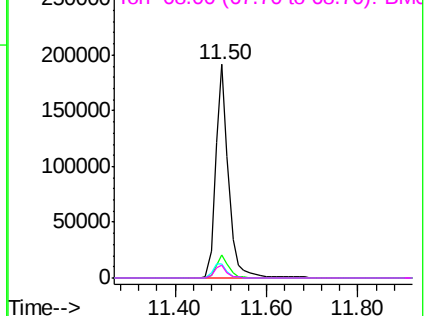


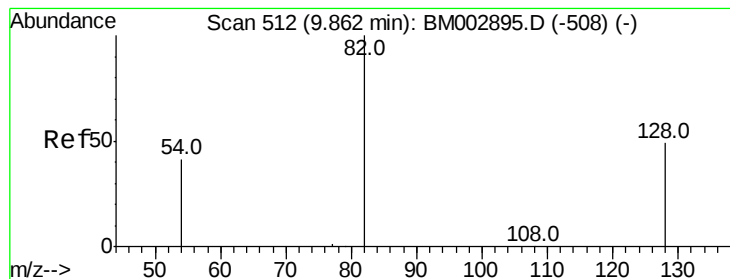
Abundance Ion 136.00 (135.70 to 136.70): BM002895.D (-606) (-)

Ion 137.00 (136.70 to 137.70): BM002895.D (-606) (-)

Ion 54.00 (53.70 to 54.70): BM002895.D (-606) (-)

Ion 68.00 (67.70 to 68.70): BM002895.D (-606) (-)





#9

Nitrobenzene-d5

Concen: 3.77 ng

RT: 9.85 min Scan# 511

Delta R.T. -0.01 min

Lab File: BM002902.D

Acq: 14 Oct 2015 18:16

Instrument :

BNA_M

ClientSampleId :

PB85740BL

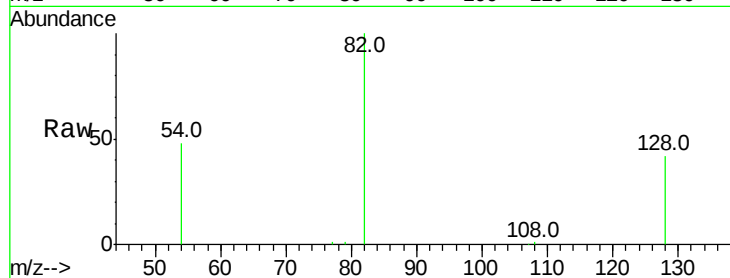
Tot Ion: 82 Resp: 78446

Ion Ratio Lower Upper

82 100

128 50.0 0.0 0.0#

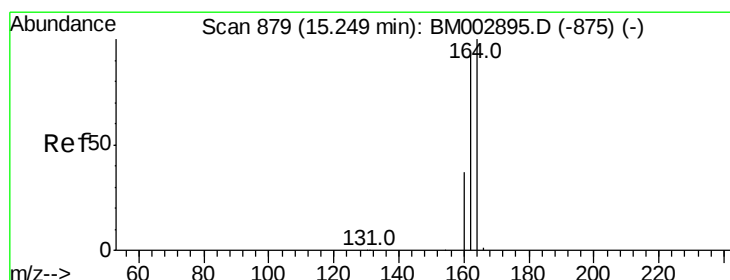
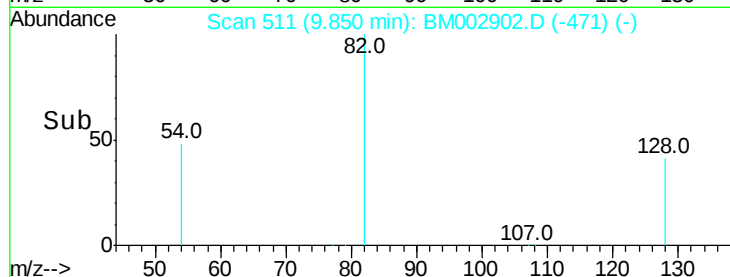
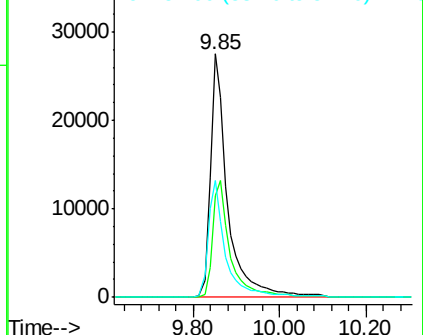
54 48.6 59.0 88.6#



Abundance Ion 82.00 (81.70 to 82.70): BM002895.D (-508) (-)

Ion 128.00 (127.70 to 128.70): BM002895.D (-508) (-)

Ion 54.00 (53.70 to 54.70): BM002895.D (-508) (-)



#14

Acenaphthene-d10

Concen: 5.00 ng

RT: 15.25 min Scan# 879

Delta R.T. -0.00 min

Lab File: BM002902.D

Acq: 14 Oct 2015 18:16

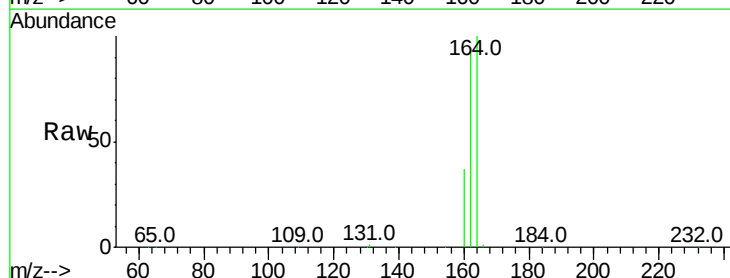
Tgt Ion:164 Resp: 194814

Ion Ratio Lower Upper

164 100

162 93.6 79.2 118.8

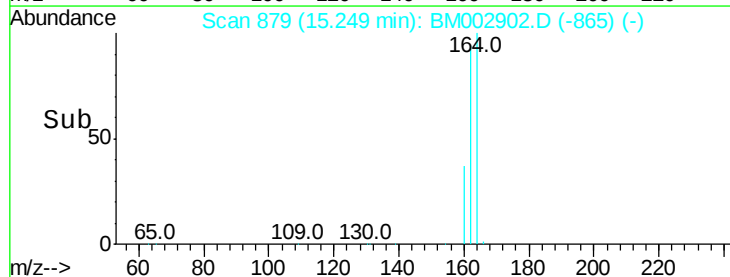
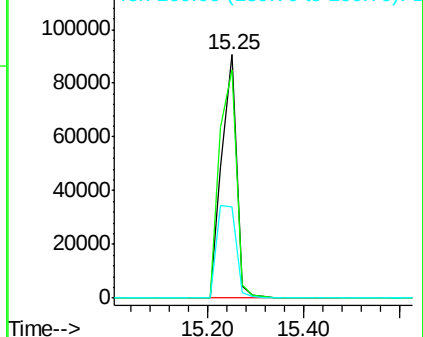
160 37.3 33.7 50.5

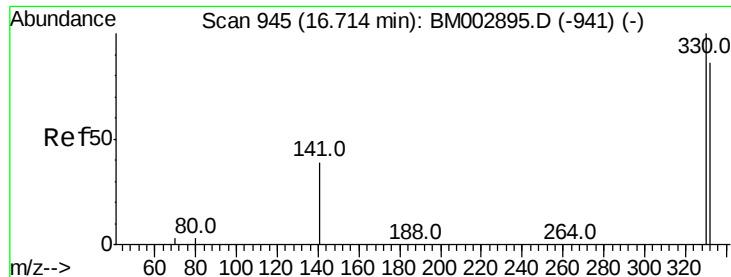


Abundance Ion 164.00 (163.70 to 164.70): BM002895.D (-875) (-)

Ion 162.00 (161.70 to 162.70): BM002895.D (-875) (-)

Ion 160.00 (159.70 to 160.70): BM002895.D (-875) (-)

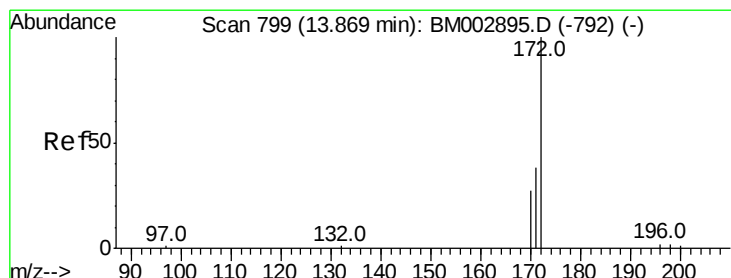
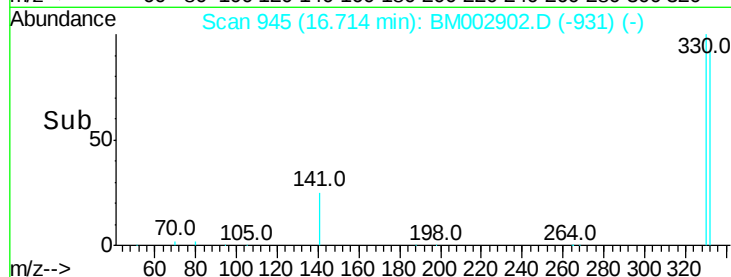
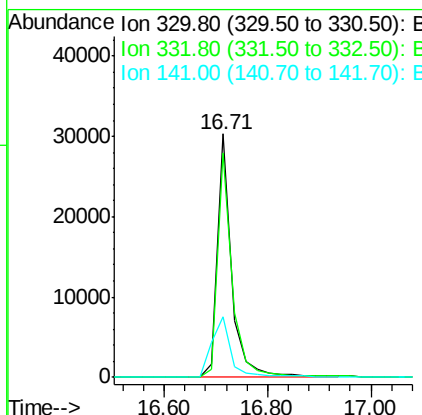
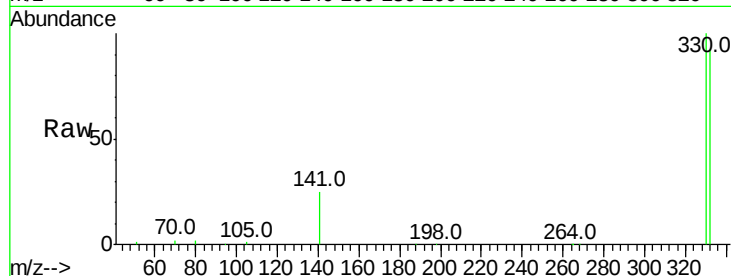




#15
 2,4,6-Tribromophenol
 Concen: 8.13 ng
 RT: 16.71 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BM002902.D
 Acq: 14 Oct 2015 18:16

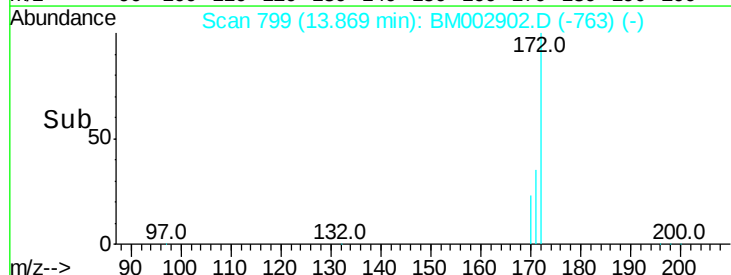
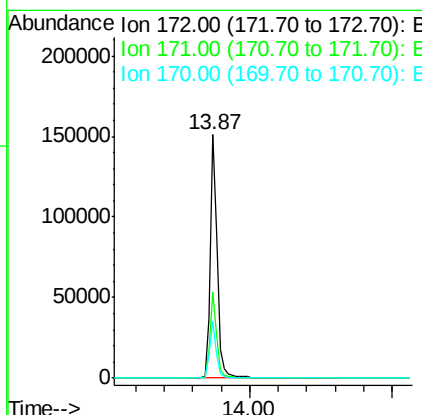
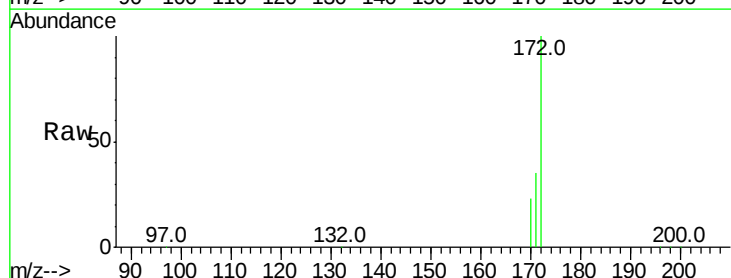
Instrument :
 BNA_M
 ClientSampleId :
 PB85740BL

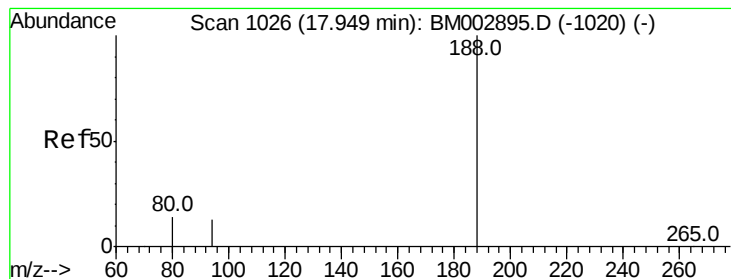
Tot Ion:330 Resp: 57849
 Ion Ratio Lower Upper
 330 100
 332 95.5 74.0 111.0
 141 32.7 24.1 36.1



#18
 2-Fluorobiphenyl
 Concen: 4.09 ng
 RT: 13.87 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BM002902.D
 Acq: 14 Oct 2015 18:16

Tgt Ion:172 Resp: 260444
 Ion Ratio Lower Upper
 172 100
 171 34.4 0.0 0.0#
 170 22.5 0.0 0.0#





#21

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.95 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BM002902.D

Acq: 14 Oct 2015 18:16

Instrument :

BNA_M

ClientSampleId :

PB85740BL

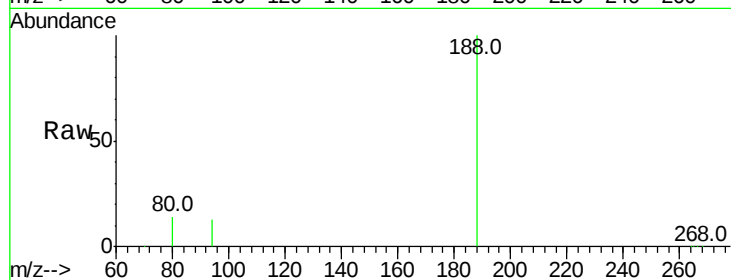
Tot Ion:188 Resp: 450142

Ion Ratio Lower Upper

188 100

94 12.6 2.9 4.3#

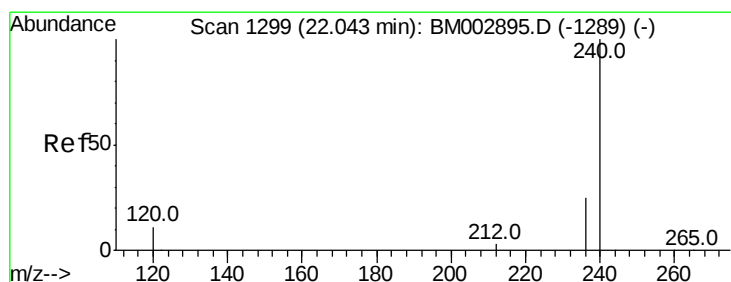
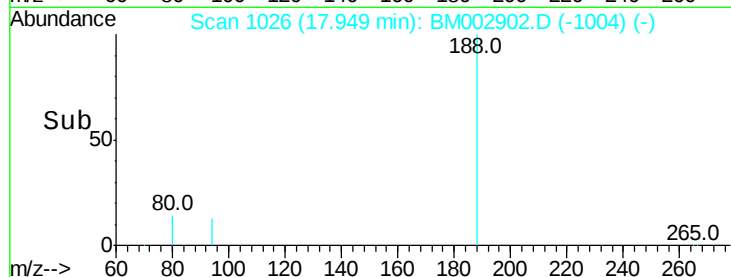
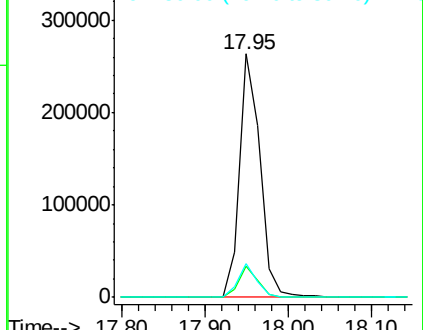
80 14.0 2.5 3.7#



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



#24

Chrysene-d12

Concen: 5.00 ng

RT: 22.04 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BM002902.D

Acq: 14 Oct 2015 18:16

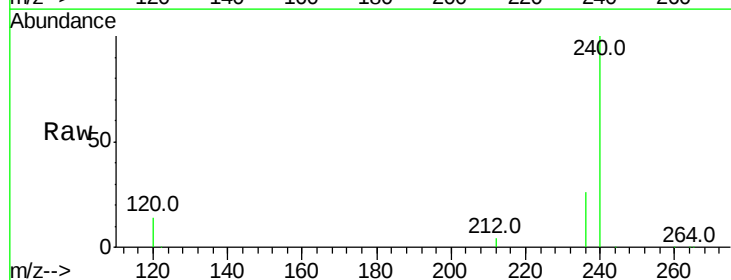
Tgt Ion:240 Resp: 439067

Ion Ratio Lower Upper

240 100

120 14.1 10.4 15.6

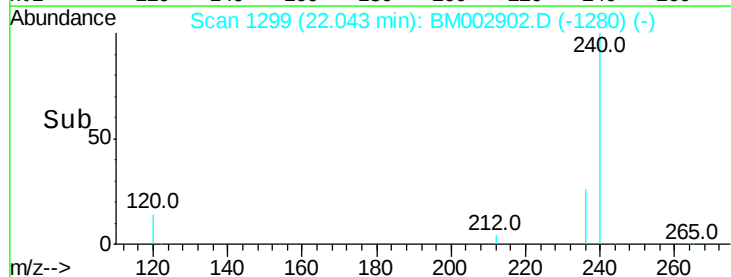
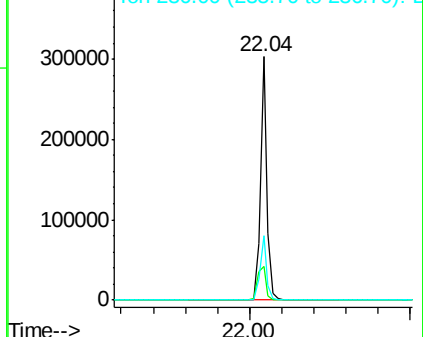
236 26.3 22.0 33.0

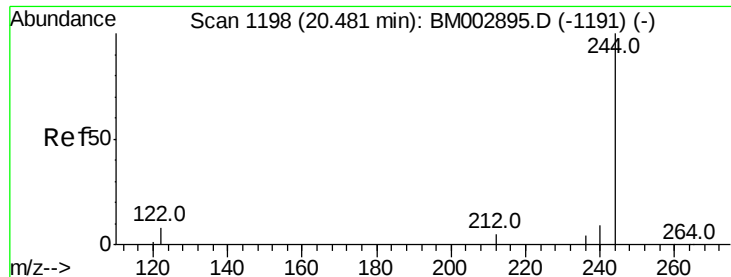


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#25

Terphenyl-d14

Concen: 3.68 ng

RT: 20.48 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BM002902.D

Acq: 14 Oct 2015 18:16

Instrument :

BNA_M

ClientSampleId :

PB85740BL

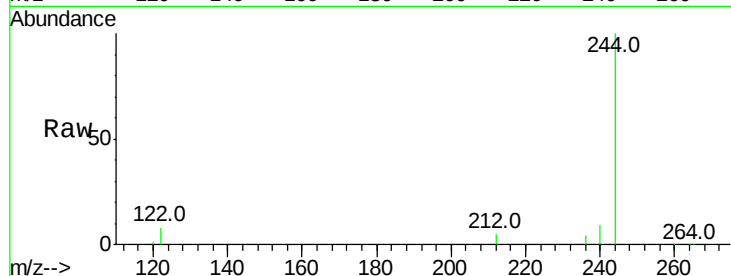
Tot Ion:244 Resp: 245548

Ion Ratio Lower Upper

244 100

212 8.3 7.3 10.9

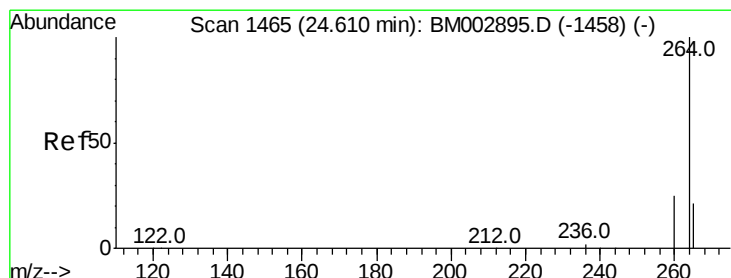
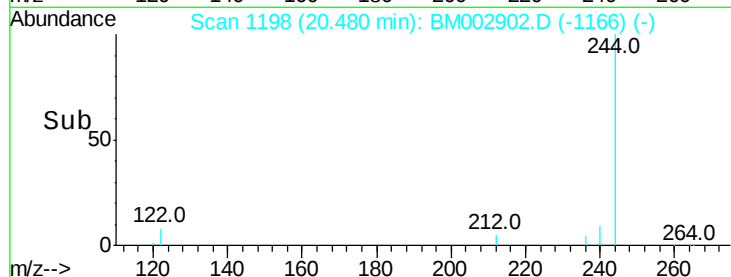
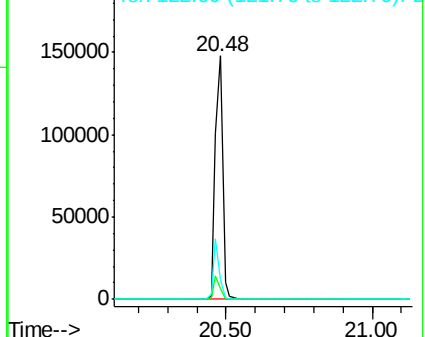
122 19.9 14.8 22.2



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



#26

Perylene-d12

Concen: 5.00 ng

RT: 24.61 min Scan# 1465

Delta R.T. -0.00 min

Lab File: BM002902.D

Acq: 14 Oct 2015 18:16

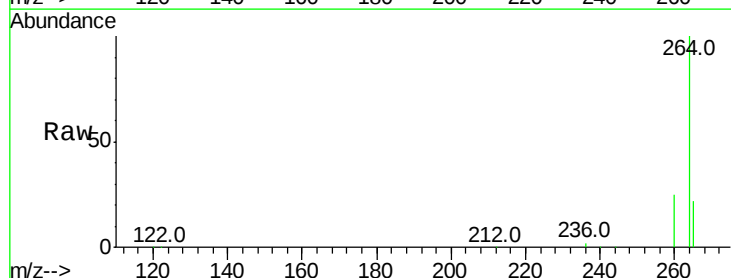
Tgt Ion:264 Resp: 421434

Ion Ratio Lower Upper

264 100

260 25.2 19.7 29.5

265 21.9 17.4 26.2



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

