

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101515\
 Data File : BM002916.D
 Acq On : 15 Oct 2015 16:18
 Operator : UM/IZ
 Sample : PB86101BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB86101BL

Quant Time: Oct 16 06:53:57 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM101515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 16:21:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	78710	5.00	ng	0.00
7) Naphthalene-d8	11.51	136	319088	5.00	ng	0.00
13) Acenaphthene-d10	15.23	164	168925	5.00	ng	0.00
19) Phenanthrene-d10	17.95	188	442455	5.00	ng	0.00
26) Chrysene-d12	22.05	240	396057	5.00	ng	0.01
35) Perylene-d12	24.61	264	389542	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	6.12	112	120845	8.21	ng	-0.05
5) Phenol-d6	7.77	99	151686	8.08	ng	-0.03
8) Nitrobenzene-d5	9.86	82	57491	3.76	ng	-0.03
14) 2,4,6-Tribromophenol	16.71	330	43889	6.66	ng	0.00
15) 2-Fluorobiphenyl	13.88	172	222514	4.11	ng	0.00
29) Terphenyl-d14	20.48	244	230991	3.90	ng	0.00

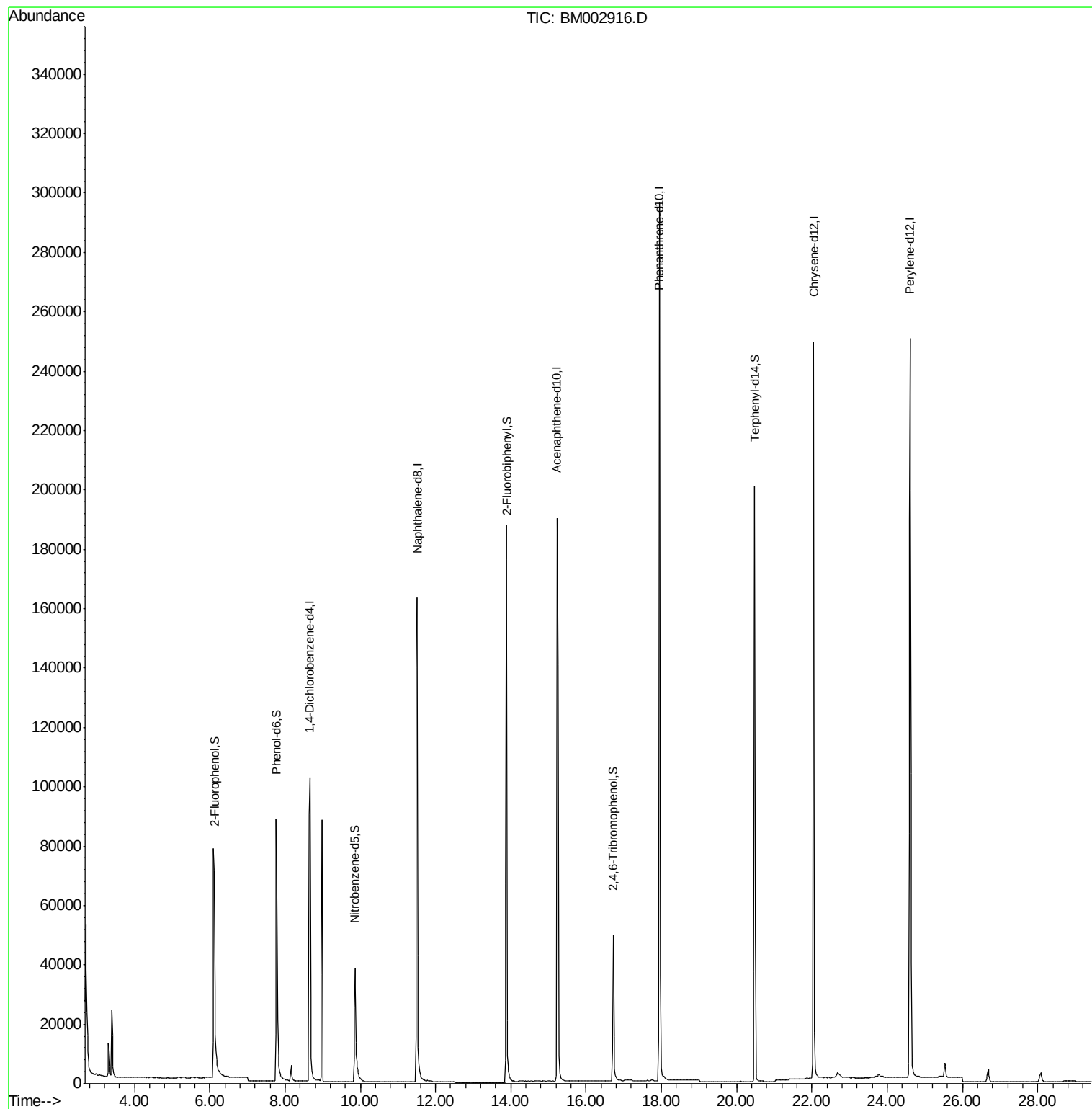
Target Compounds	Qvalue
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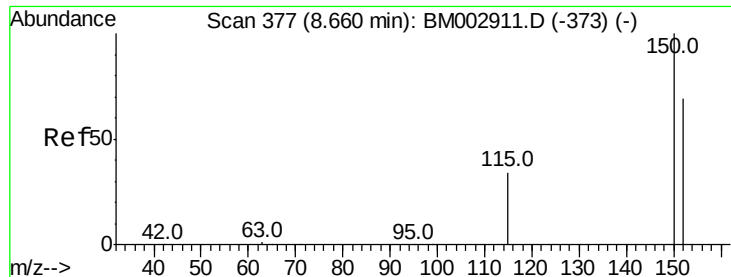
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.66 min Scan# 377

Delta R.T. 0.00 min

Lab File: BM002916.D

Acq: 15 Oct 2015 16:18

Instrument :

BNA_M

ClientSampleId :

PB86101BL

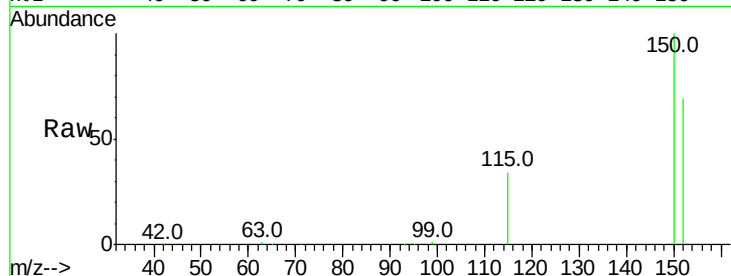
Tot Ion:152 Resp: 78710

Ion Ratio Lower Upper

152 100

150 144.1 113.0 169.6

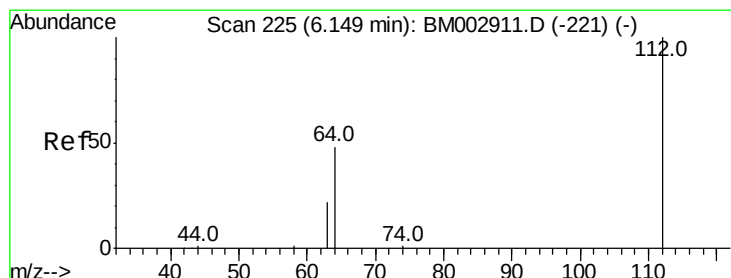
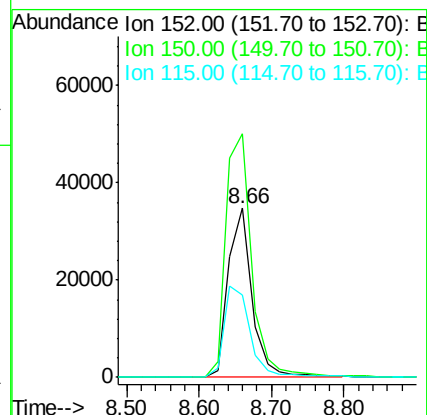
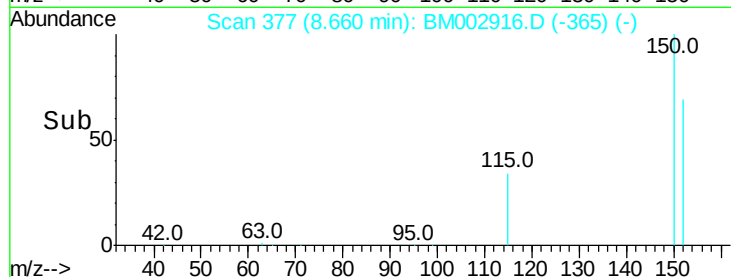
115 48.8 37.9 56.9



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



#4

2-Fluorophenol

Concen: 8.21 ng

RT: 6.12 min Scan# 223

Delta R.T. -0.05 min

Lab File: BM002916.D

Acq: 15 Oct 2015 16:18

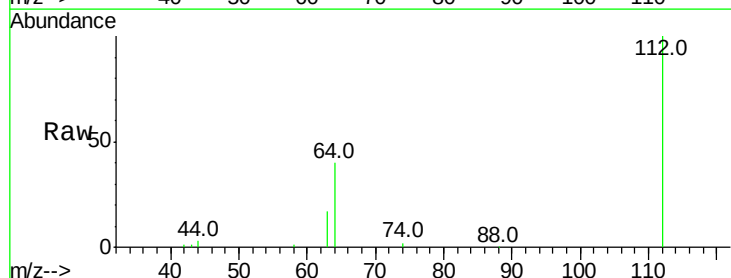
Tgt Ion:112 Resp: 120845

Ion Ratio Lower Upper

112 100

64 51.5 42.0 63.0

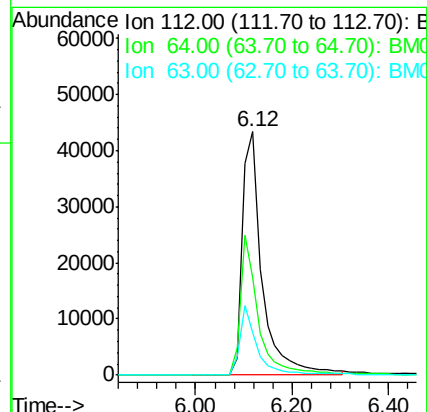
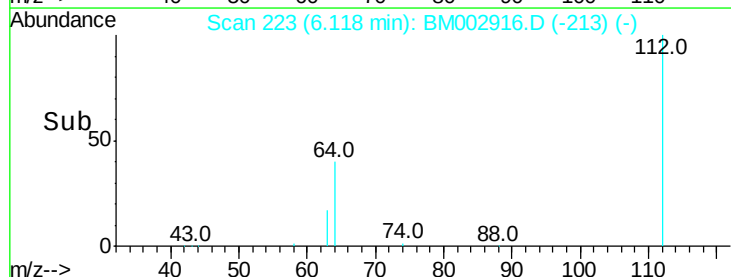
63 24.5 20.0 30.0

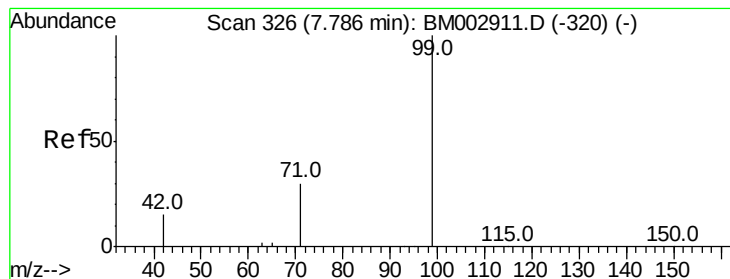


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 8.08 ng

RT: 7.77 min Scan# 325

Delta R.T. -0.03 min

Lab File: BM002916.D

Acq: 15 Oct 2015 16:18

Instrument :

BNA_M

ClientSampleId :

PB86101BL

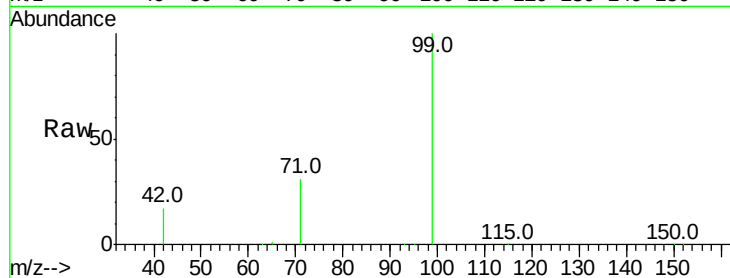
Tot Ion: 99 Resp: 151686

Ion Ratio Lower Upper

99 100

42 15.0 12.4 18.6

71 26.8 21.4 32.0

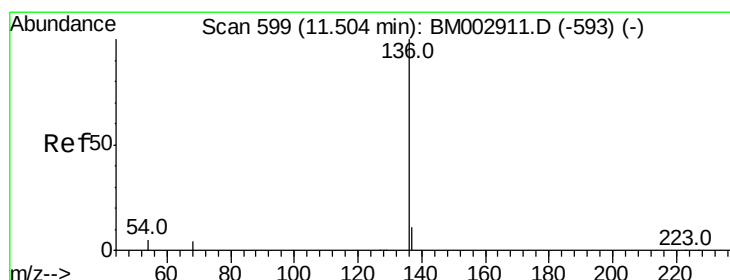
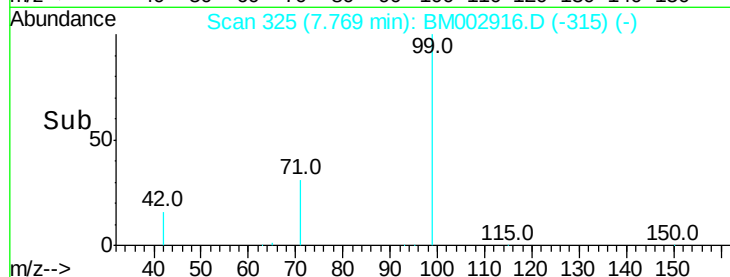
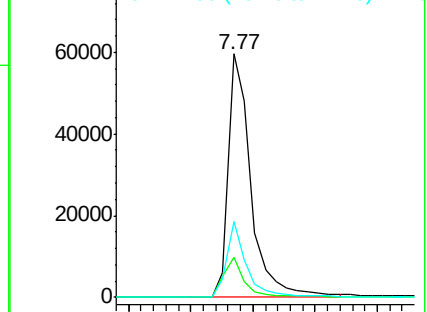


Abundance

Ion 99.00 (98.70 to 99.70): BM002911.D (-320) (-)

Ion 42.00 (41.70 to 42.70): BM002911.D (-320) (-)

Ion 71.00 (70.70 to 71.70): BM002911.D (-320) (-)



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 11.51 min Scan# 600

Delta R.T. 0.00 min

Lab File: BM002916.D

Acq: 15 Oct 2015 16:18

Tgt Ion: 136 Resp: 319088

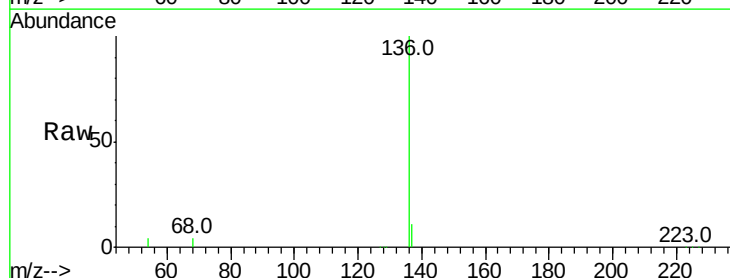
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 4.5 3.5 5.3

68 4.2 3.3 4.9



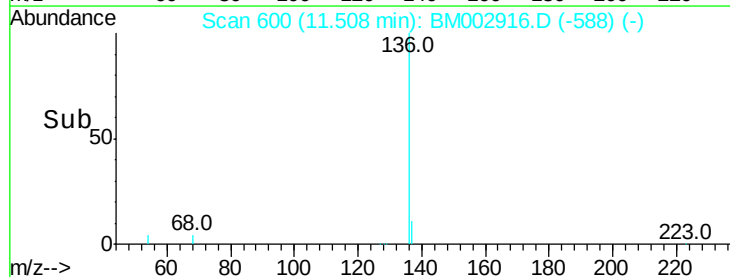
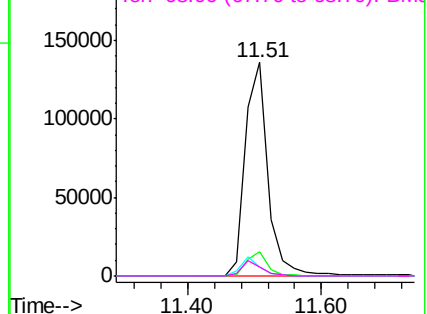
Abundance

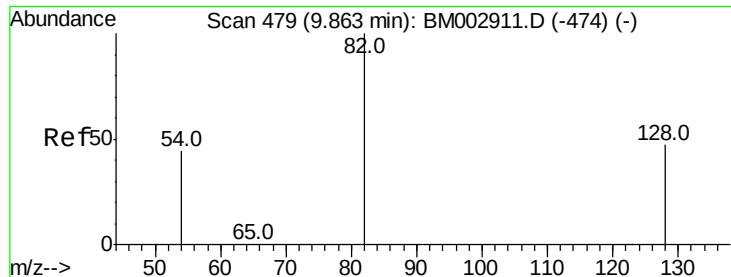
Ion 136.00 (135.70 to 136.70): BM002911.D (-593) (-)

Ion 137.00 (136.70 to 137.70): BM002911.D (-593) (-)

Ion 54.00 (53.70 to 54.70): BM002911.D (-593) (-)

Ion 68.00 (67.70 to 68.70): BM002911.D (-593) (-)





#8

Nitrobenzene-d5

Concen: 3.76 ng

RT: 9.86 min Scan# 479

Delta R.T. -0.03 min

Lab File: BM002916.D

Acq: 15 Oct 2015 16:18

Instrument :

BNA_M

ClientSampled :

PB86101BL

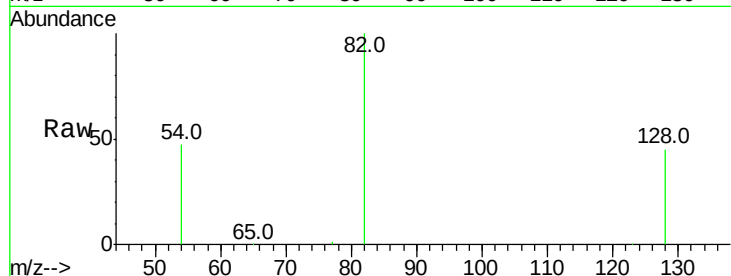
Tot Ion: 82 Resp: 57491

Ion Ratio Lower Upper

82 100

128 45.0 34.1 51.1

54 47.3 42.6 63.8

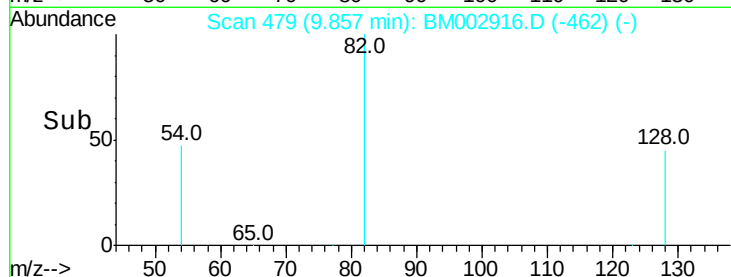


Abundance Ion 82.00 (81.70 to 82.70): BM002916.D (-462) (-)

Ion 128.00 (127.70 to 128.70): BM002916.D (-462) (-)

Ion 54.00 (53.70 to 54.70): BM002916.D (-462) (-)

Time-->



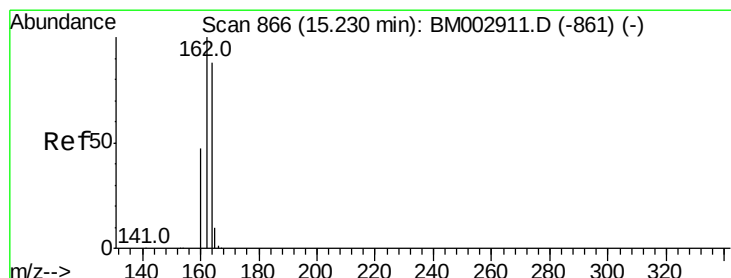
Abundance

Ion 82.00 (81.70 to 82.70): BM002916.D (-462) (-)

Ion 128.00 (127.70 to 128.70): BM002916.D (-462) (-)

Ion 54.00 (53.70 to 54.70): BM002916.D (-462) (-)

Time-->



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 15.23 min Scan# 867

Delta R.T. -0.00 min

Lab File: BM002916.D

Acq: 15 Oct 2015 16:18

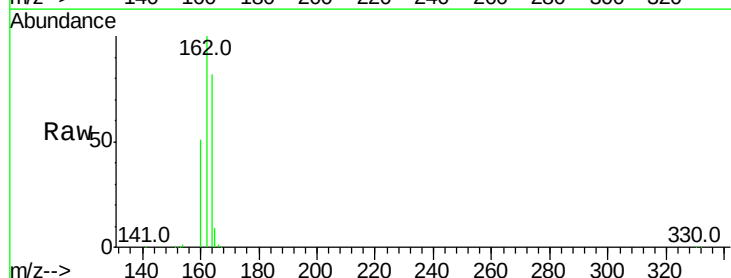
Tgt Ion: 164 Resp: 168925

Ion Ratio Lower Upper

164 100

162 122.1 79.6 119.4#

160 62.4 33.1 49.7#

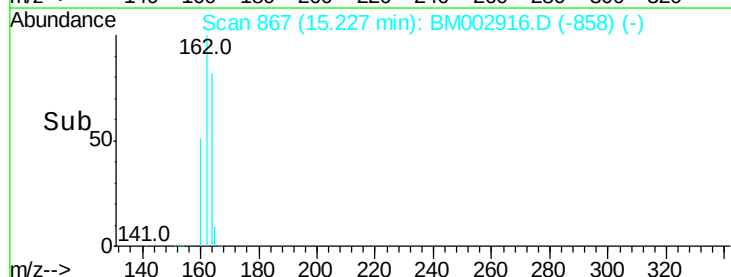


Abundance Ion 164.00 (163.70 to 164.70): BM002916.D (-858) (-)

Ion 162.00 (161.70 to 162.70): BM002916.D (-858) (-)

Ion 160.00 (159.70 to 160.70): BM002916.D (-858) (-)

Time-->



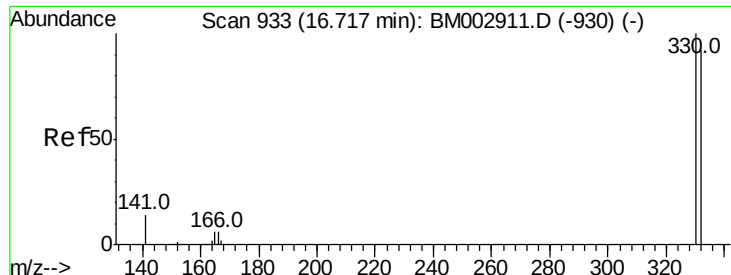
Abundance

Ion 164.00 (163.70 to 164.70): BM002916.D (-858) (-)

Ion 162.00 (161.70 to 162.70): BM002916.D (-858) (-)

Ion 160.00 (159.70 to 160.70): BM002916.D (-858) (-)

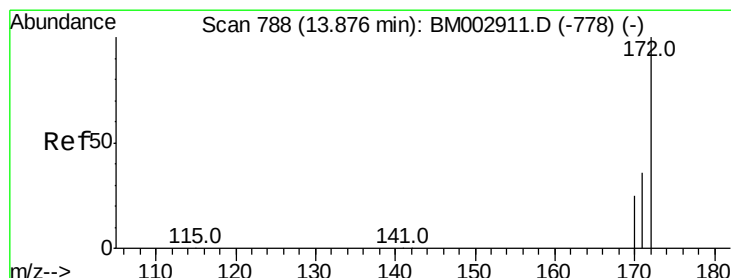
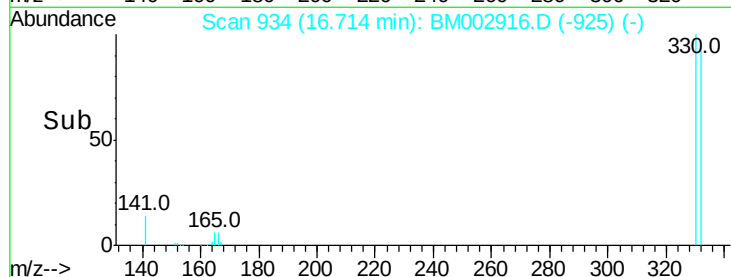
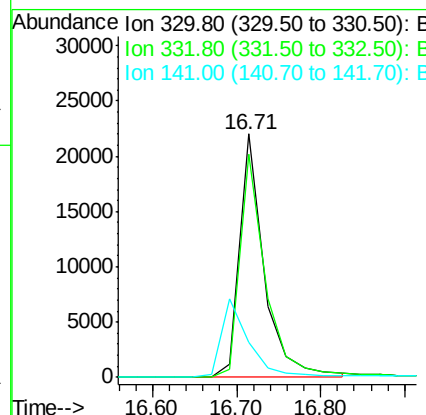
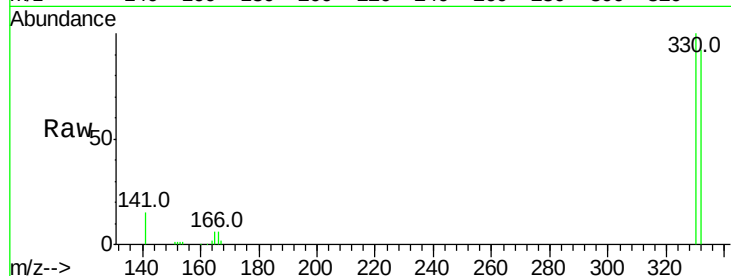
Time-->



#14
 2,4,6-Tribromophenol
 Concen: 6.66 ng
 RT: 16.71 min Scan# 934
 Delta R.T. -0.00 min
 Lab File: BM002916.D
 Acq: 15 Oct 2015 16:18

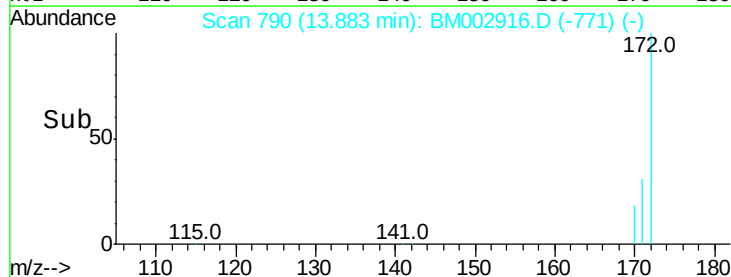
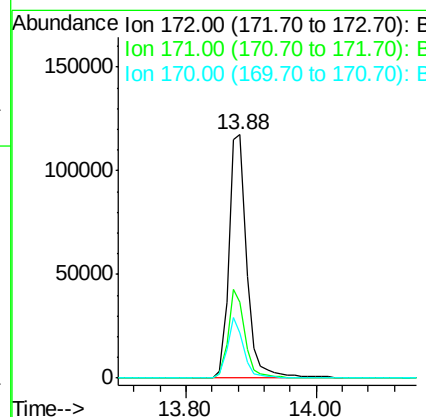
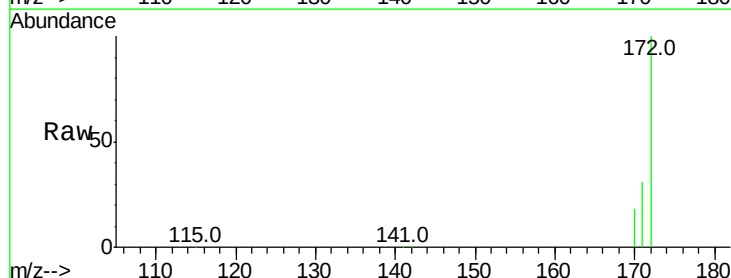
Instrument :
 BNA_M
 ClientSampleId :
 PB86101BL

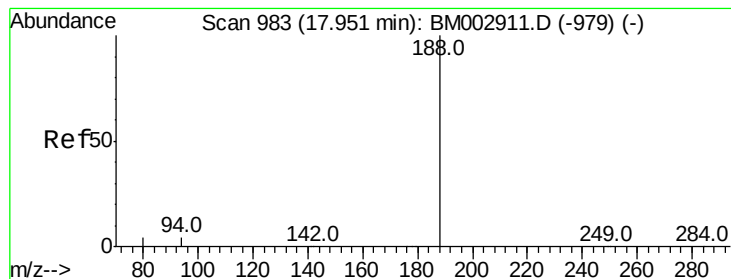
Tot Ion:330 Resp: 43889
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 115.0
 141 0.0 0.0 0.0



#15
 2-Fluorobiphenyl
 Concen: 4.11 ng
 RT: 13.88 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BM002916.D
 Acq: 15 Oct 2015 16:18

Tgt Ion:172 Resp: 222514
 Ion Ratio Lower Upper
 172 100
 171 31.3 26.1 39.1
 170 18.4 15.7 23.5





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.95 min Scan# 984

Delta R.T. -0.01 min

Lab File: BM002916.D

Acq: 15 Oct 2015 16:18

Instrument :

BNA_M

ClientSampleId :

PB86101BL

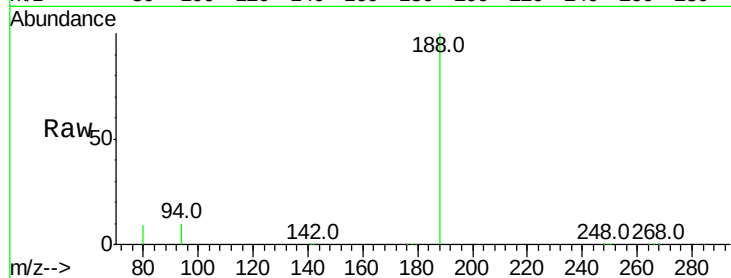
Tot Ion:188 Resp: 442455

Ion Ratio Lower Upper

188 100

94 9.8 15.2 22.8#

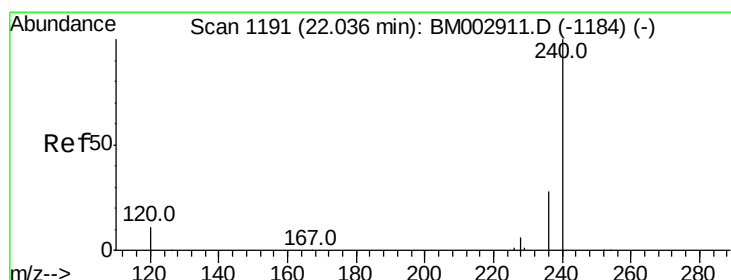
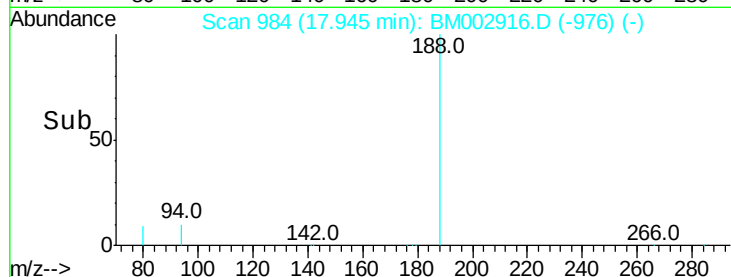
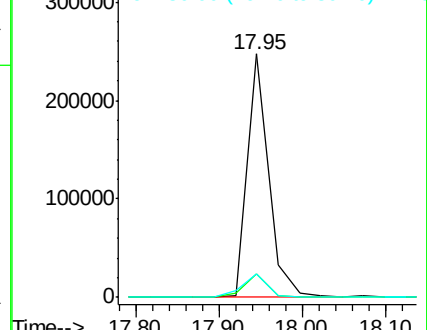
80 9.4 15.9 23.9#



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: 22.05 min Scan# 1193

Delta R.T. 0.01 min

Lab File: BM002916.D

Acq: 15 Oct 2015 16:18

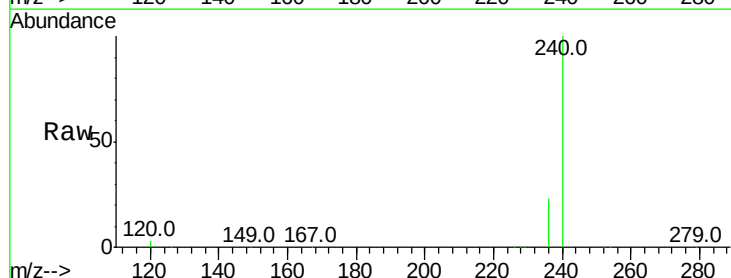
Tgt Ion:240 Resp: 396057

Ion Ratio Lower Upper

240 100

120 3.1 3.3 4.9#

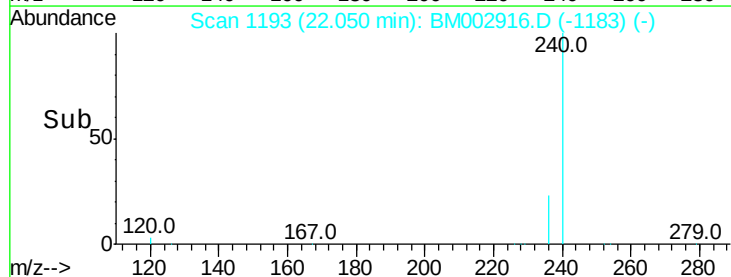
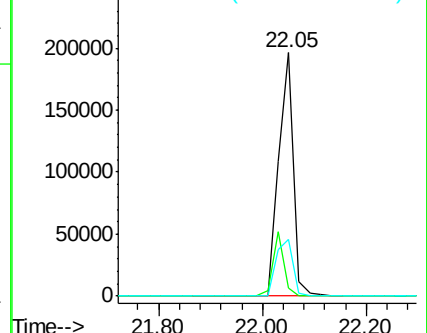
236 23.1 19.5 29.3

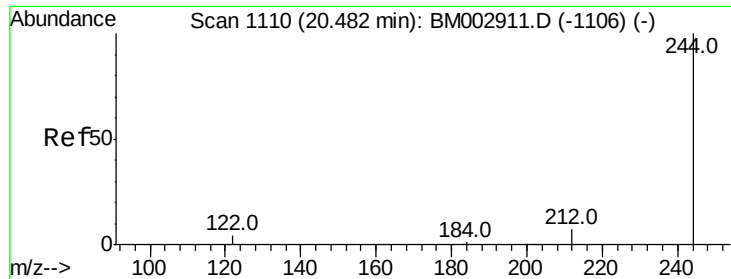


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 3.90 ng

RT: 20.48 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BM002916.D

Acq: 15 Oct 2015 16:18

Instrument :

BNA_M

ClientSampleId :

PB86101BL

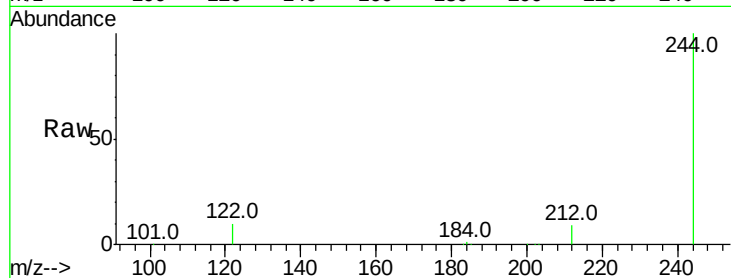
Tot Ion:244 Resp: 230991

Ion Ratio Lower Upper

244 100

212 8.7 5.6 8.4#

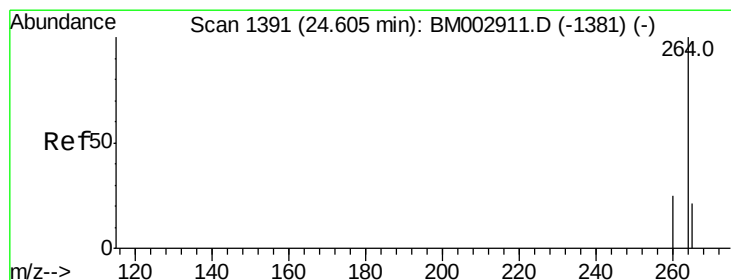
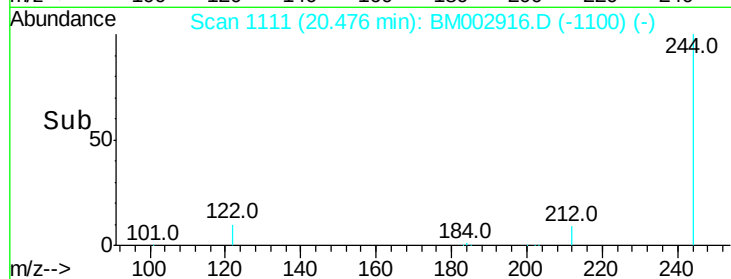
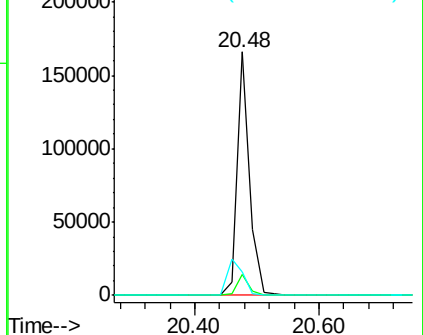
122 9.6 2.2 3.2#



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



#35

Perylene-d12

Concen: 5.00 ng

RT: 24.61 min Scan# 1393

Delta R.T. 0.00 min

Lab File: BM002916.D

Acq: 15 Oct 2015 16:18

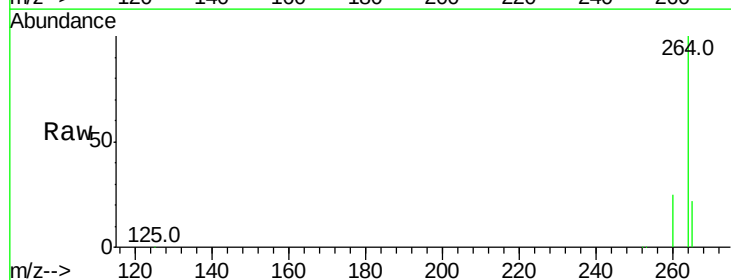
Tgt Ion:264 Resp: 389542

Ion Ratio Lower Upper

264 100

260 24.7 20.1 30.1

265 22.0 17.6 26.4



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

