

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020216\
 Data File : BM004166.D
 Acq On : 02 Feb 2016 16:34
 Operator : SJ/IZ
 Sample : PB88134BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB88134BL

Quant Time: Feb 03 01:08:12 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	21561	5.00	ng	0.00
7) Naphthalene-d8	10.44	136	89224	5.00	ng	0.00
13) Acenaphthene-d10	14.30	164	52888	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	166371	5.00	ng	0.00
26) Chrysene-d12	21.28	240	162894	5.00	ng	0.00
35) Perylene-d12	23.50	264	134814	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	34320	7.63	ng	-0.02
5) Phenol-d6	6.85	99	40606	7.48	ng	0.00
8) Nitrobenzene-d5	8.82	82	16517	4.23	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	11926	5.83	ng	0.00
15) 2-Fluorobiphenyl	12.93	172	68035	4.20	ng	0.00
29) Terphenyl-d14	19.71	244	90694	4.38	ng	0.00

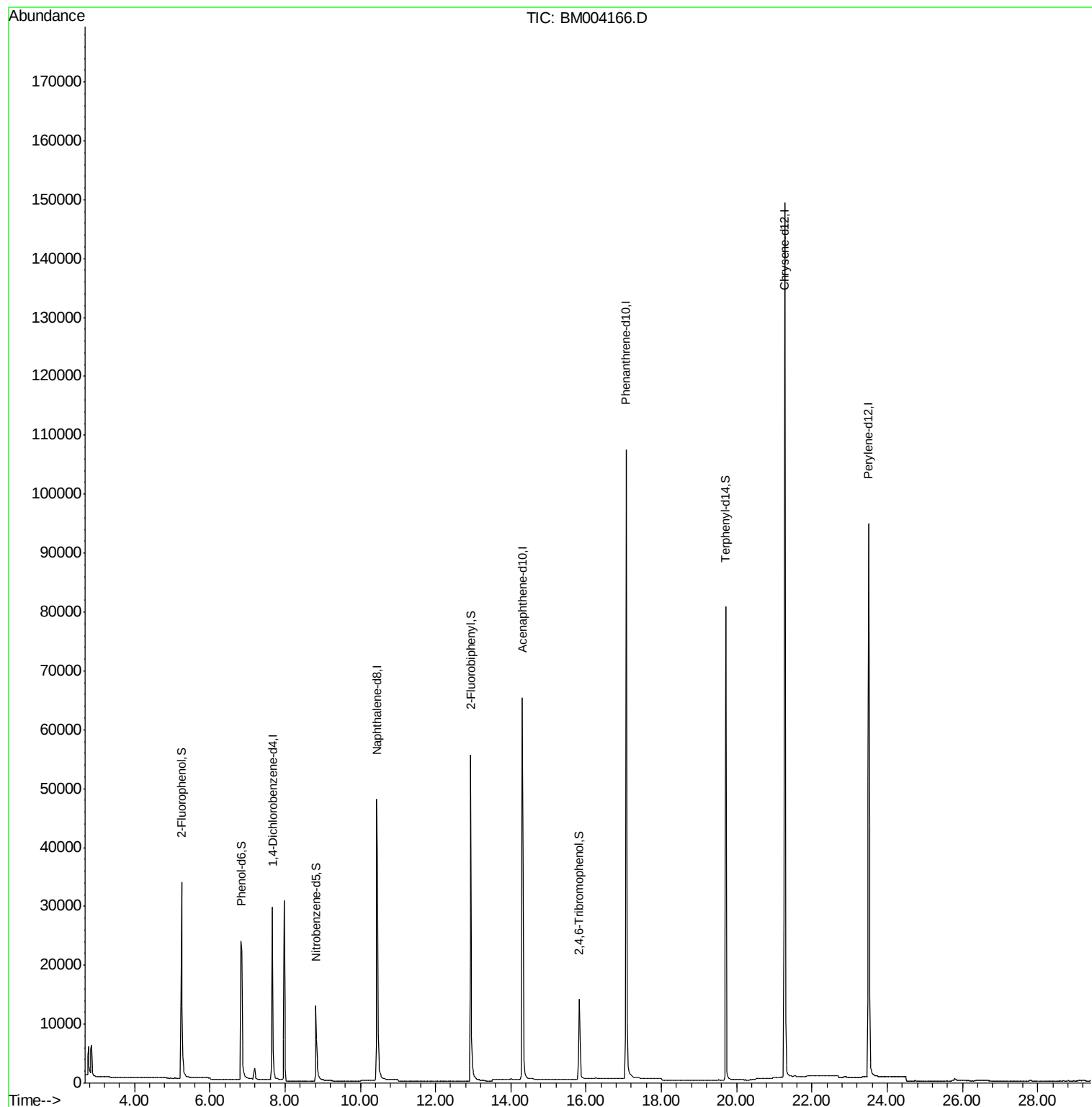
Target Compounds Qvalue

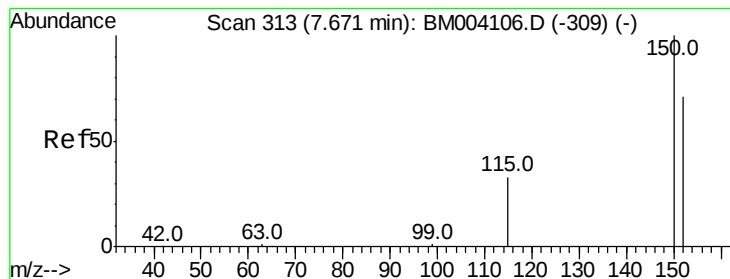
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.67 min Scan# 313

Delta R.T. 0.00 min

Lab File: BM004166.D

Acq: 02 Feb 2016 16:34

Instrument :

BNA_M

ClientSampleId :

PB88134BL

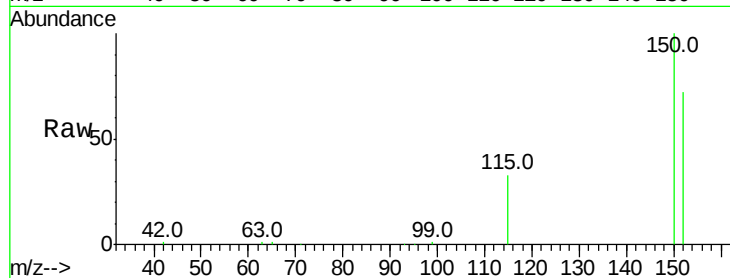
Tot Ion:152 Resp: 21561

Ion Ratio Lower Upper

152 100

150 139.0 122.9 184.3

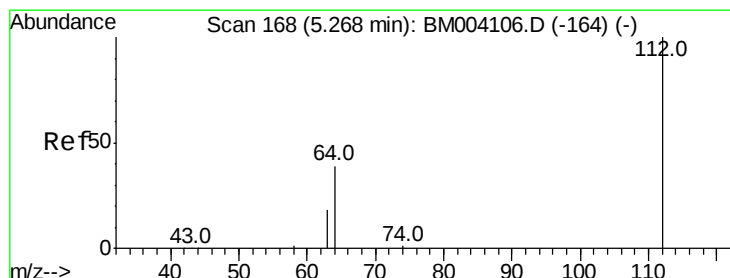
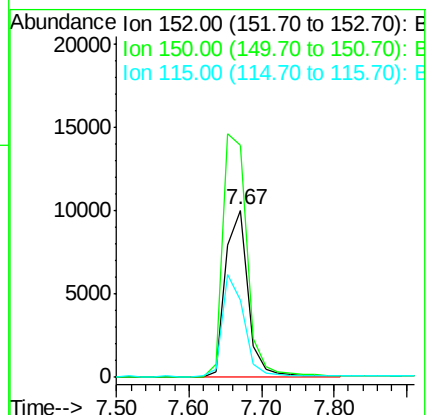
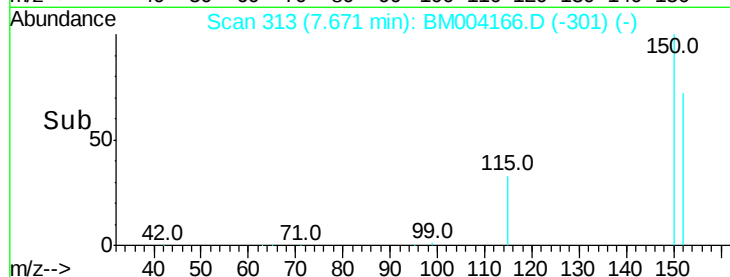
115 46.6 44.4 66.6



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: 7.63 ng

RT: 5.25 min Scan# 167

Delta R.T. -0.02 min

Lab File: BM004166.D

Acq: 02 Feb 2016 16:34

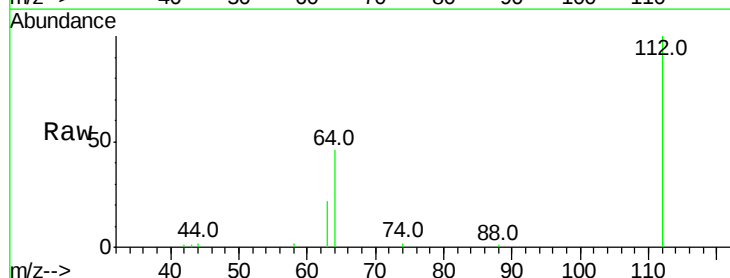
Tgt Ion:112 Resp: 34320

Ion Ratio Lower Upper

112 100

64 52.0 41.8 62.8

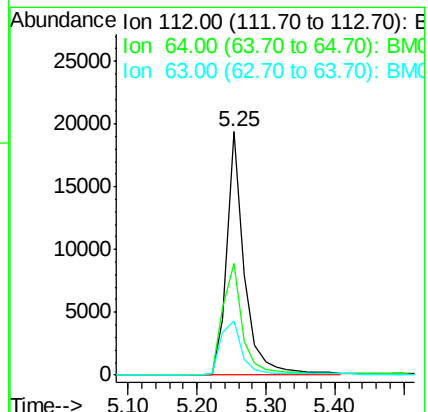
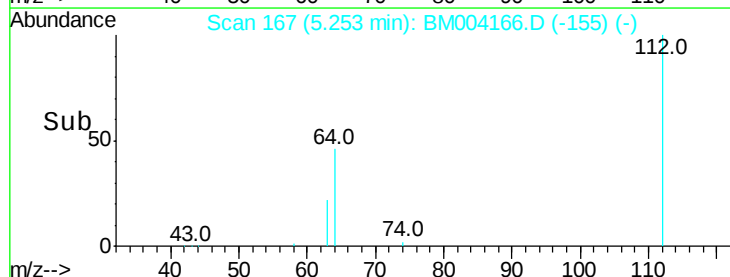
63 27.2 22.1 33.1

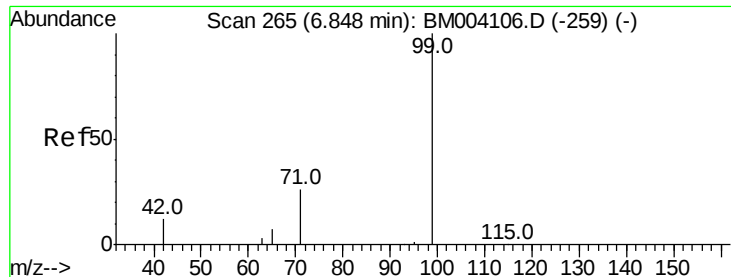


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 7.48 ng

RT: 6.85 min Scan# 265

Delta R.T. 0.00 min

Lab File: BM004166.D

Acq: 02 Feb 2016 16:34

Instrument :

BNA_M

ClientSampleId :

PB88134BL

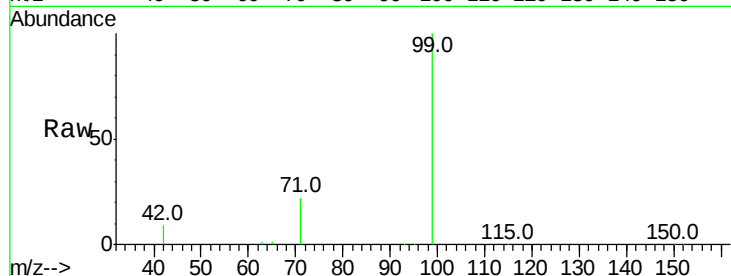
Tot Ion: 99 Resp: 40606

Ion Ratio Lower Upper

99 100

42 18.3 16.2 24.2

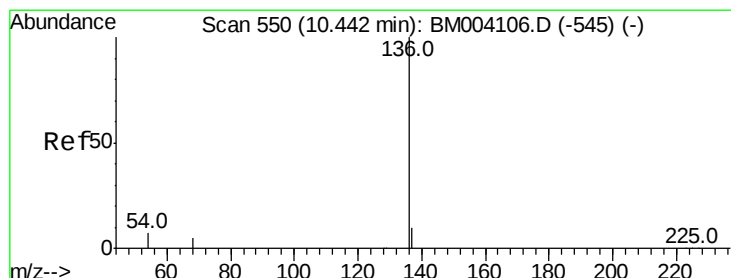
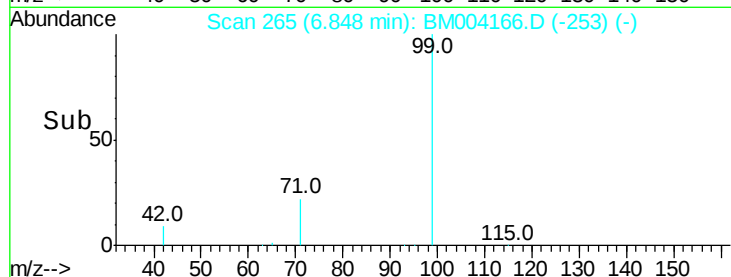
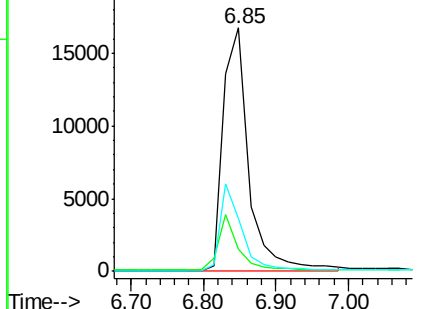
71 31.1 24.4 36.6



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# 549

Delta R.T. -0.00 min

Lab File: BM004166.D

Acq: 02 Feb 2016 16:34

Tgt Ion: 136 Resp: 89224

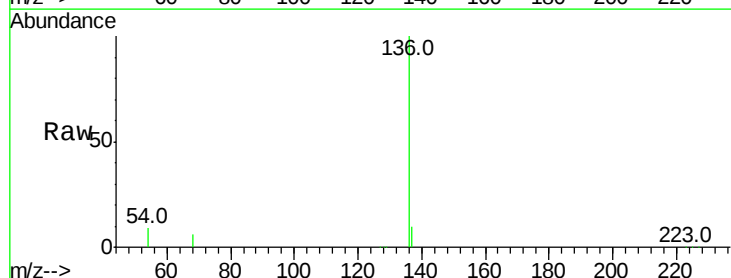
Ion Ratio Lower Upper

136 100

137 10.2 9.2 13.8

54 8.9 2.8 4.2#

68 6.4 2.5 3.7#

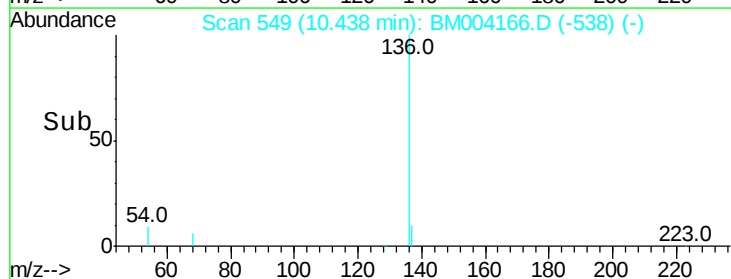
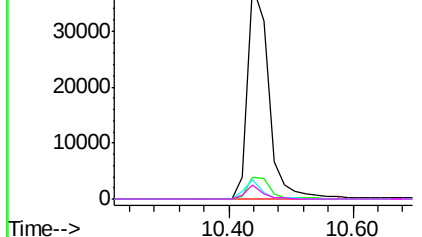


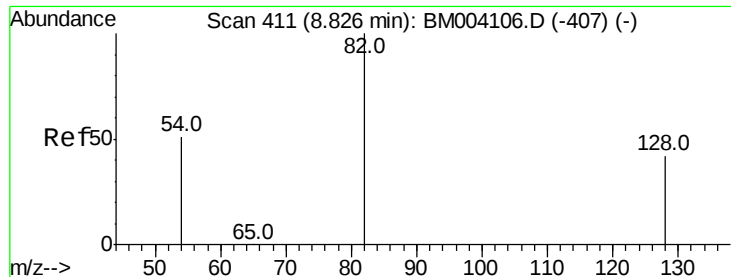
Abundance Ion 136.00 (135.70 to 136.70): BM004106.D (-545) (-)

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: 4.23 ng

RT: 8.82 min Scan# 410

Delta R.T. -0.00 min

Lab File: BM004166.D

Acq: 02 Feb 2016 16:34

Instrument :

BNA_M

ClientSampled :

PB88134BL

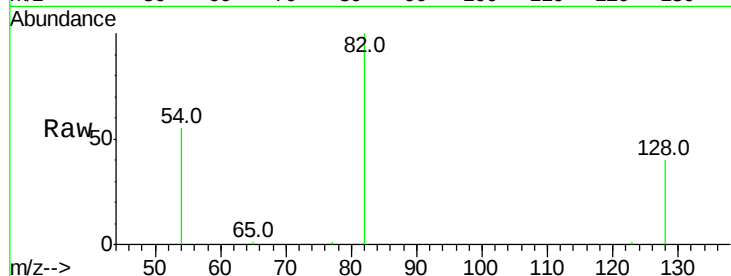
Tot Ion: 82 Resp: 16517

Ion Ratio Lower Upper

82 100

128 40.4 39.1 58.7

54 54.9 34.8 52.2#

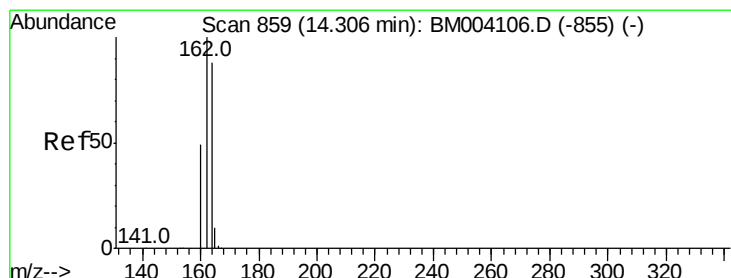
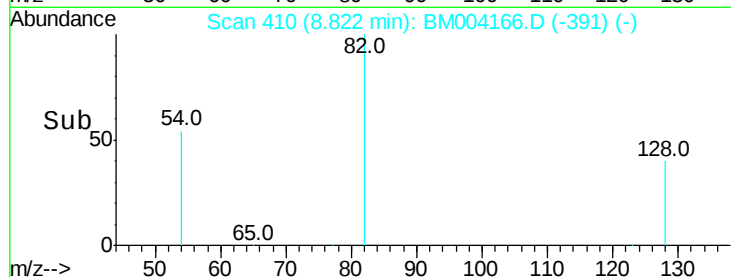


Abundance Ion 82.00 (81.70 to 82.70): BM004106.D (-407) (-)

Ion 128.00 (127.70 to 128.70): BM004106.D (-407) (-)

Ion 54.00 (53.70 to 54.70): BM004106.D (-407) (-)

Time-->



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.30 min Scan# 858

Delta R.T. -0.00 min

Lab File: BM004166.D

Acq: 02 Feb 2016 16:34

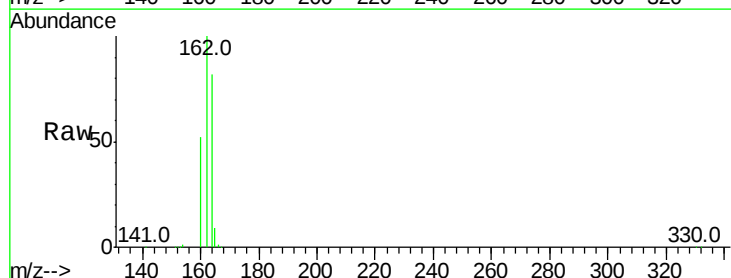
Tgt Ion: 164 Resp: 52888

Ion Ratio Lower Upper

164 100

162 122.3 86.0 129.0

160 63.6 40.3 60.5#

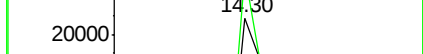
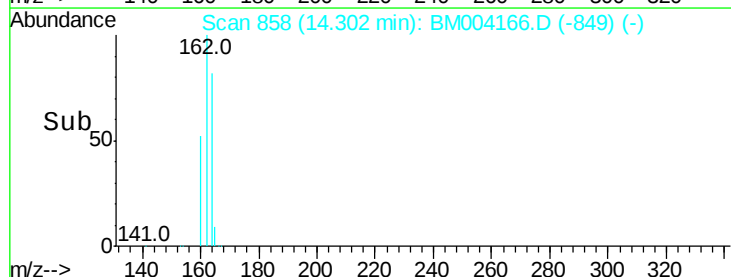


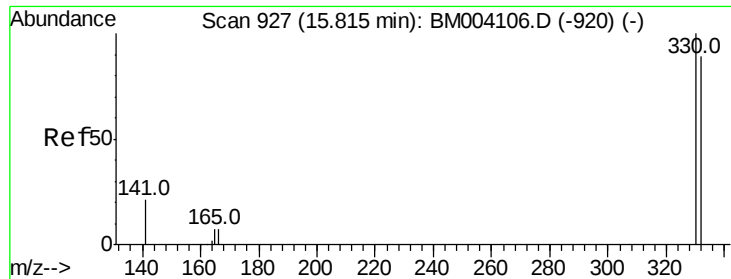
Abundance Ion 164.00 (163.70 to 164.70): BM004106.D (-855) (-)

Ion 162.00 (161.70 to 162.70): BM004106.D (-855) (-)

Ion 160.00 (159.70 to 160.70): BM004106.D (-855) (-)

Time-->

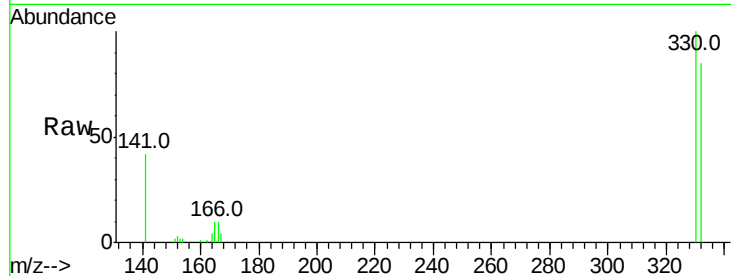




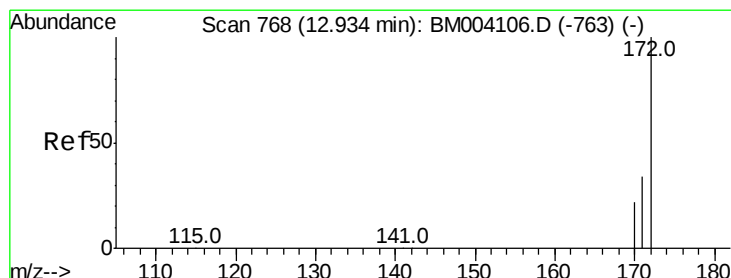
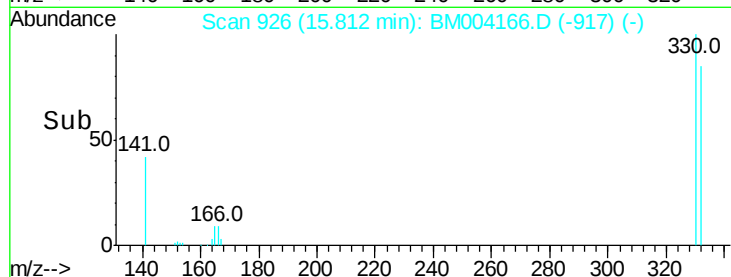
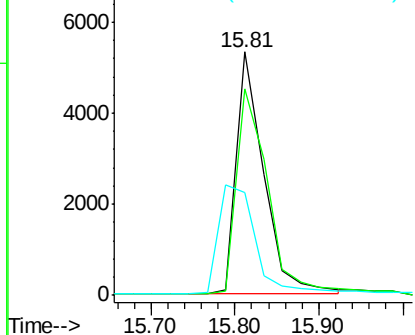
#14
 2,4,6-Tribromophenol
 Concen: 5.83 ng
 RT: 15.81 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BM004166.D
 Acq: 02 Feb 2016 16:34

Instrument :
 BNA_M
 ClientSampleId :
 PB88134BL

Tot Ion:330 Resp: 11926
 Ion Ratio Lower Upper
 330 100
 332 94.6 79.0 118.4
 141 0.0 27.8 41.6#

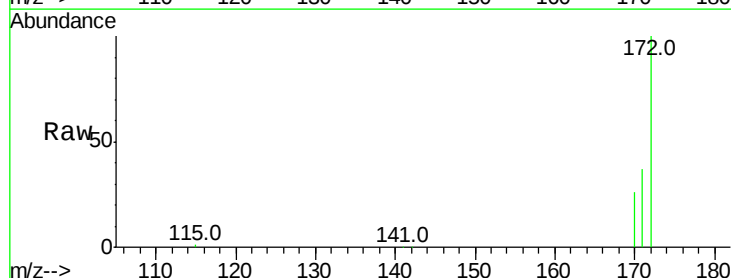


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

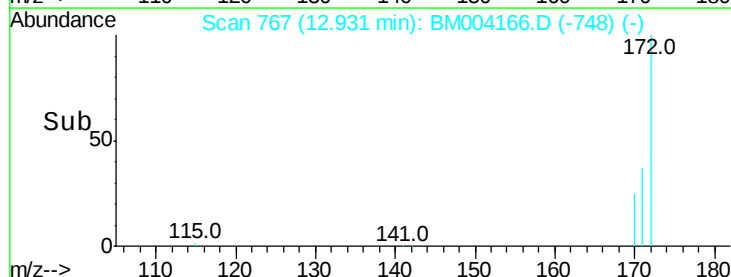
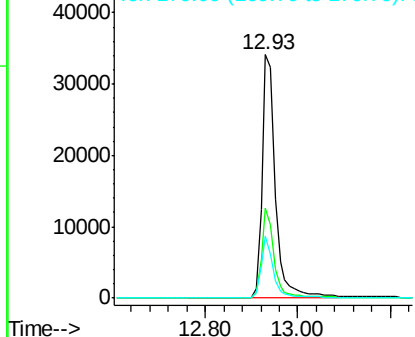


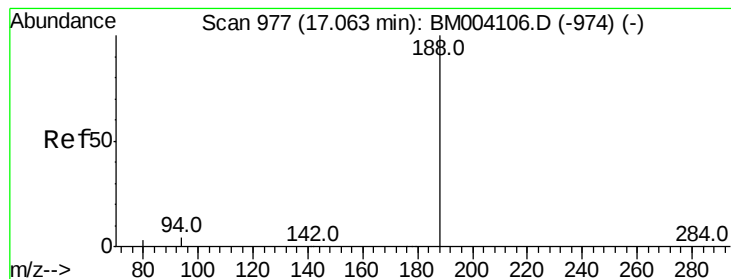
#15
 2-Fluorobiphenyl
 Concen: 4.20 ng
 RT: 12.93 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BM004166.D
 Acq: 02 Feb 2016 16:34

Tgt Ion:172 Resp: 68035
 Ion Ratio Lower Upper
 172 100
 171 36.9 27.0 40.6
 170 25.5 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# 976

Delta R.T. -0.00 min

Lab File: BM004166.D

Acq: 02 Feb 2016 16:34

Instrument :

BNA_M

ClientSampleId :

PB88134BL

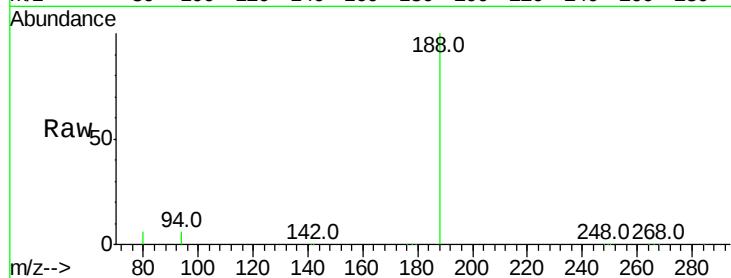
Tot Ion:188 Resp: 166371

Ion Ratio Lower Upper

188 100

94 6.4 20.3 30.5#

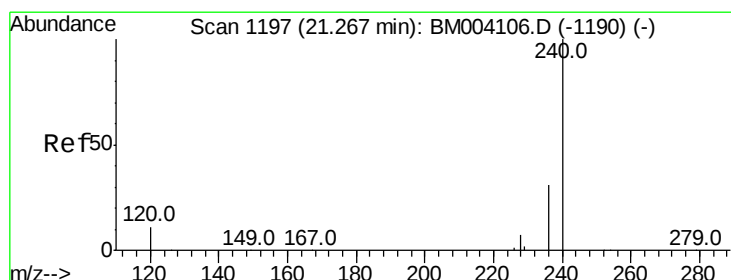
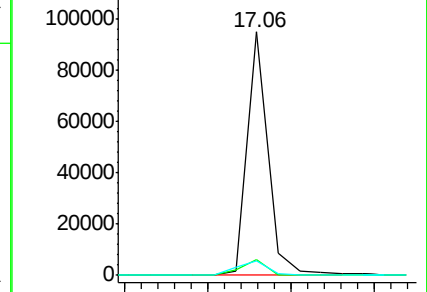
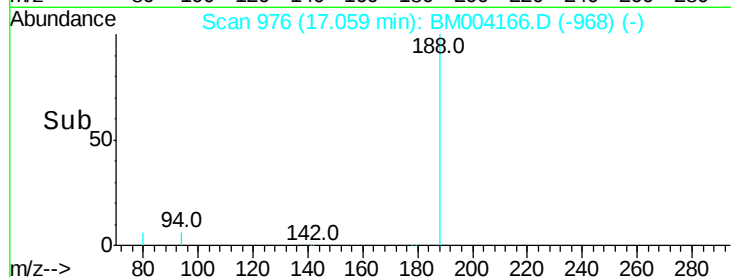
80 5.9 22.2 33.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.28 min Scan# 1196

Delta R.T. 0.01 min

Lab File: BM004166.D

Acq: 02 Feb 2016 16:34

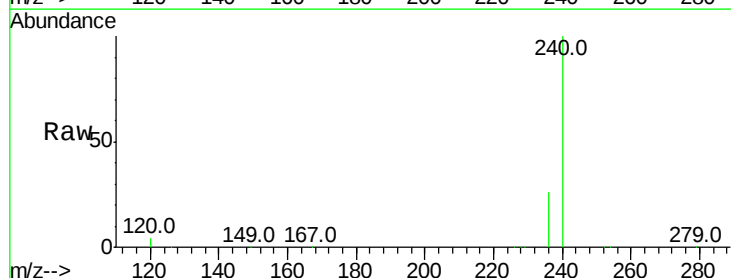
Tgt Ion:240 Resp: 162894

Ion Ratio Lower Upper

240 100

120 3.7 0.9 1.3#

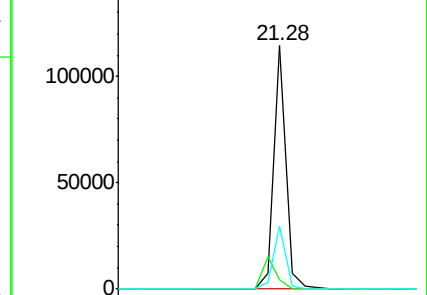
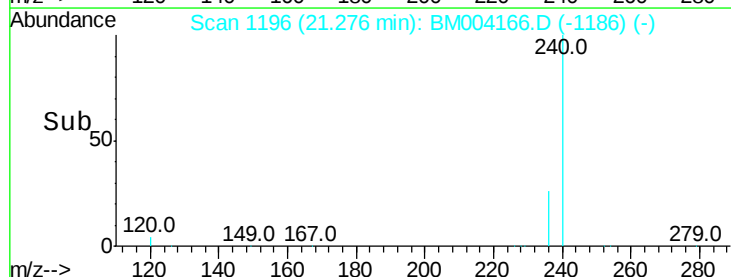
236 25.8 17.3 25.9

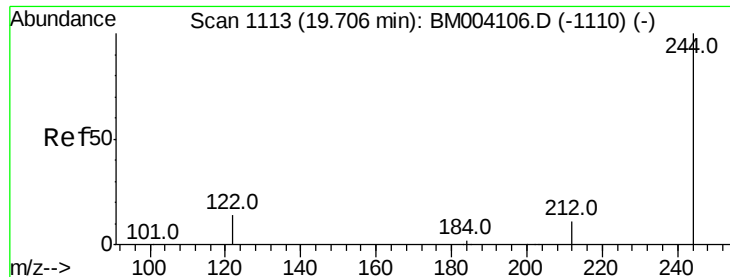


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 4.38 ng

RT: 19.71 min Scan# 1112

Delta R.T. 0.01 min

Lab File: BM004166.D

Acq: 02 Feb 2016 16:34

Instrument :

BNA_M

ClientSampleId :

PB88134BL

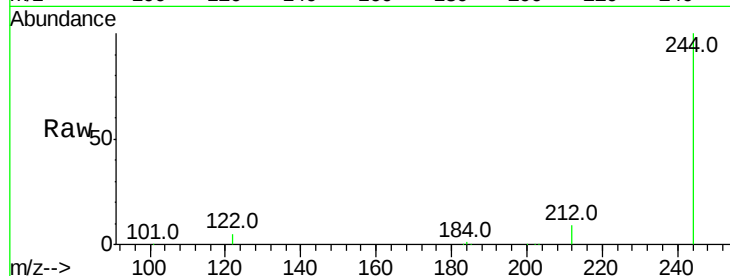
Tot Ion:244 Resp: 90694

Ion Ratio Lower Upper

244 100

212 9.5 7.0 10.6

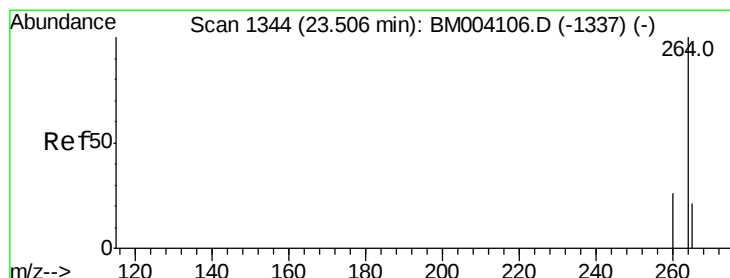
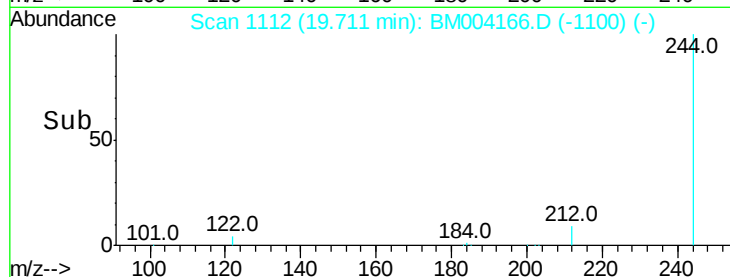
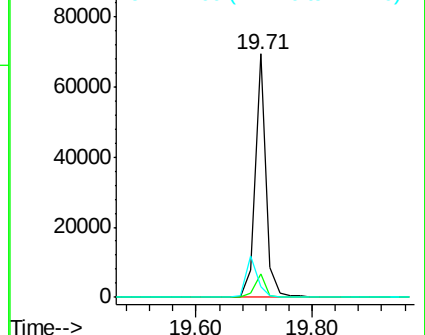
122 4.5 3.0 4.6



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: 23.50 min Scan# 1342

Delta R.T. -0.00 min

Lab File: BM004166.D

Acq: 02 Feb 2016 16:34

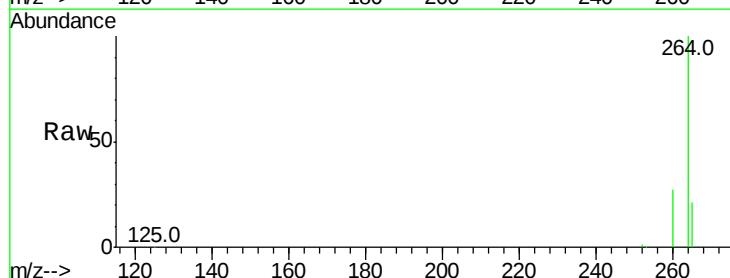
Tgt Ion:264 Resp: 134814

Ion Ratio Lower Upper

264 100

260 26.6 21.2 31.8

265 20.9 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

