

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012716\
 Data File : BM004131.D
 Acq On : 27 Jan 2016 13:14
 Operator : SJ/IZ
 Sample : PB87989BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB87989BL

Quant Time: Jan 28 00:32:41 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	21870	5.00	ng	0.00
7) Naphthalene-d8	10.44	136	91748	5.00	ng	0.00
13) Acenaphthene-d10	14.31	164	54822	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	172529	5.00	ng	0.00
26) Chrysene-d12	21.29	240	143898	5.00	ng	0.02
35) Perylene-d12	23.52	264	145118	5.00	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	32801	7.19	ng	-0.02
5) Phenol-d6	6.83	99	38693	7.03	ng	-0.02
8) Nitrobenzene-d5	8.83	82	15913	3.96	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	12396	5.84	ng	0.00
15) 2-Fluorobiphenyl	12.93	172	66267	3.94	ng	0.00
29) Terphenyl-d14	19.71	244	87692	4.79	ng	0.00

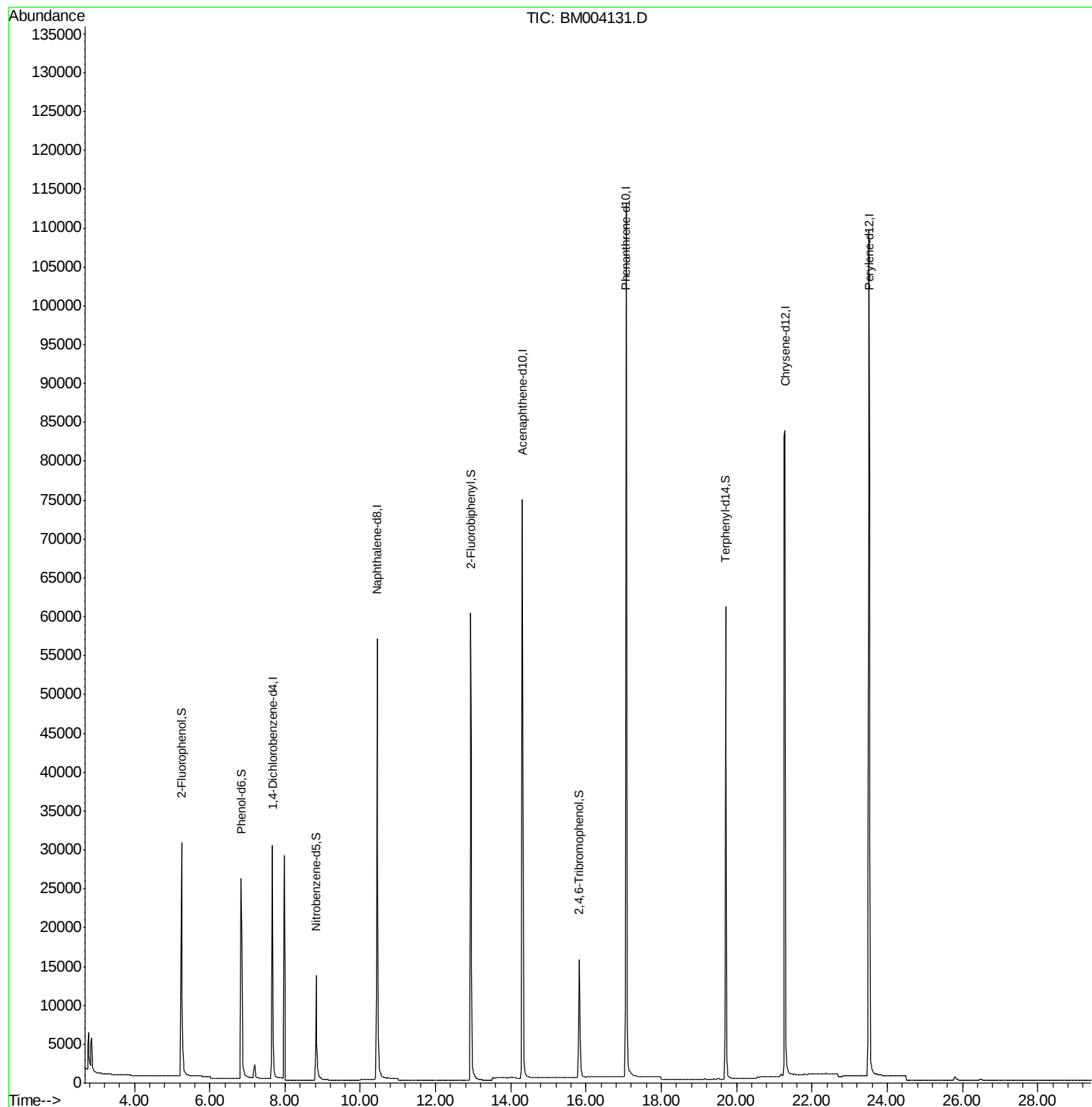
Target Compounds	Qvalue
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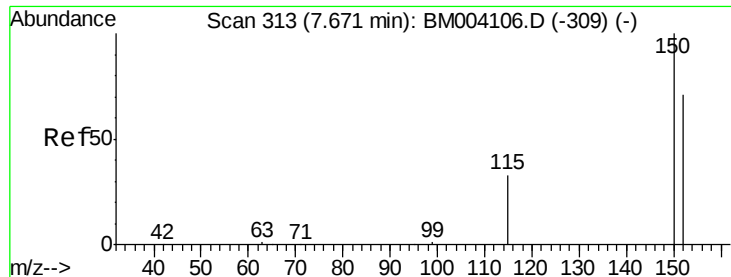
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.67 min Scan# 313

Delta R.T. -0.00 min

Lab File: BM004131.D

Acq: 27 Jan 2016 13:14

Instrument :

BNA_M

ClientSampleId :

PB87989BL

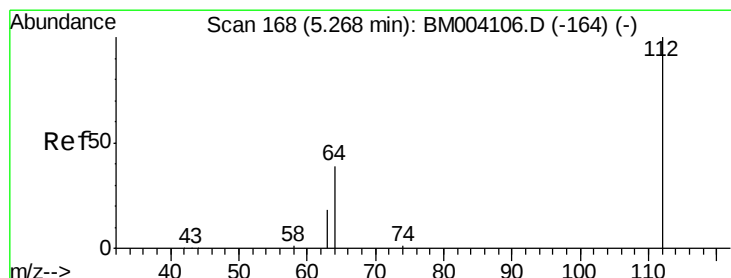
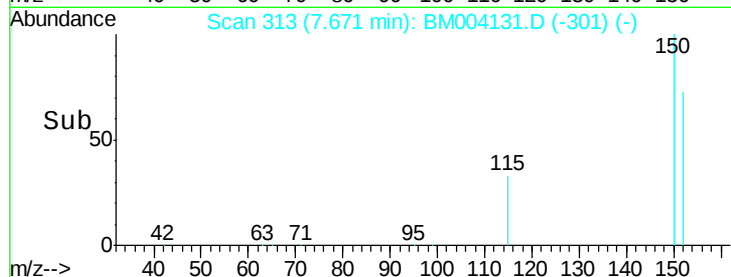
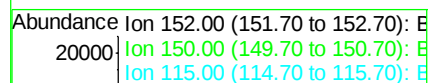
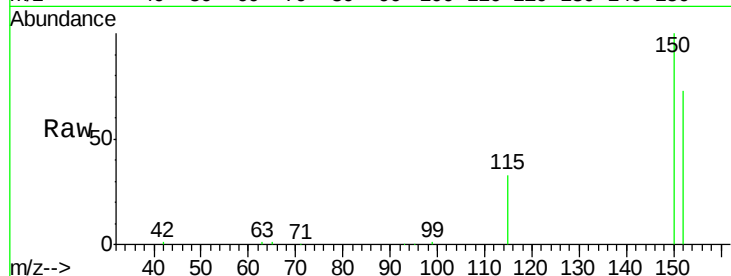
Tgt Ion:152 Resp: 21870

Ion Ratio Lower Upper

152 100

150 137.3 122.9 184.3

115 45.2 44.4 66.6



#4

2-Fluorophenol

Concen: 7.19 ng

RT: 5.25 min Scan# 167

Delta R.T. -0.02 min

Lab File: BM004131.D

Acq: 27 Jan 2016 13:14

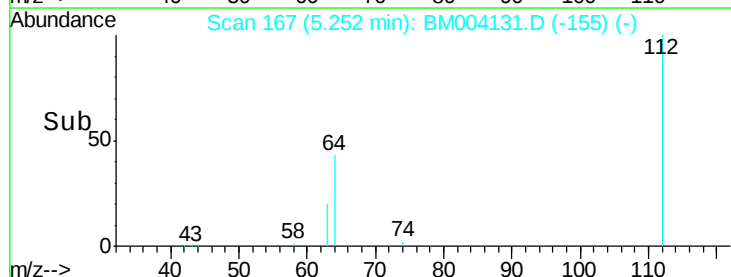
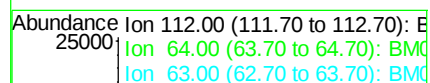
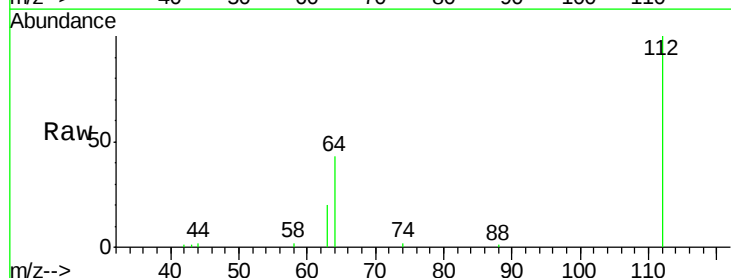
Tgt Ion:112 Resp: 32801

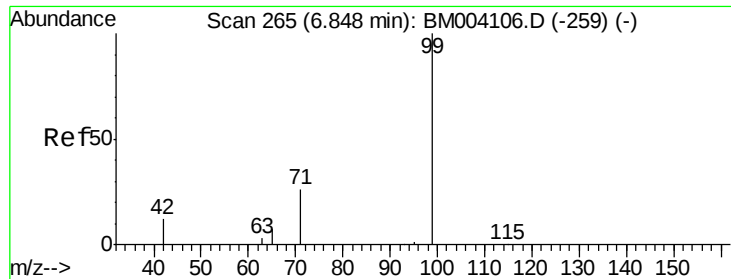
Ion Ratio Lower Upper

112 100

64 51.7 41.8 62.8

63 27.0 22.1 33.1





#5

Phenol-d6

Concen: 7.03 ng

RT: 6.83 min Scan# 264

Delta R.T. -0.02 min

Lab File: BM004131.D

Acq: 27 Jan 2016 13:14

Instrument :

BNA_M

ClientSampleId :

PB87989BL

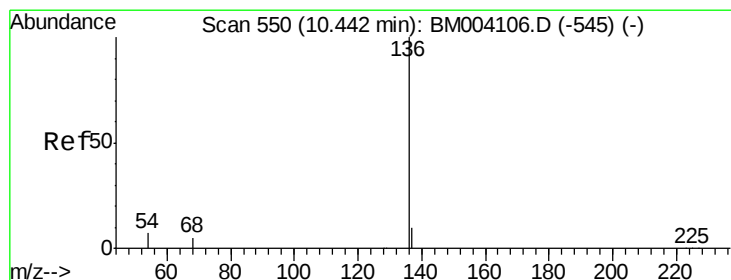
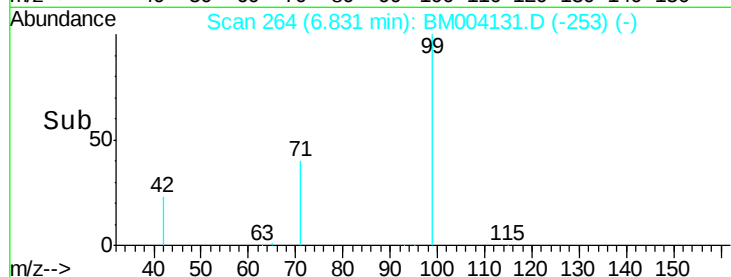
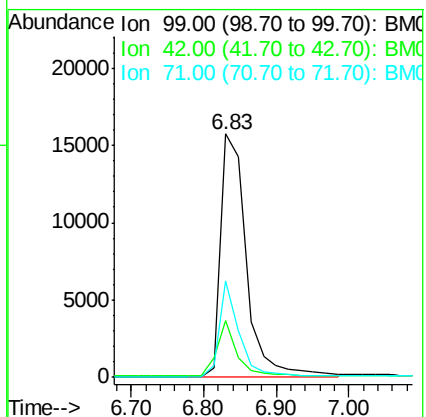
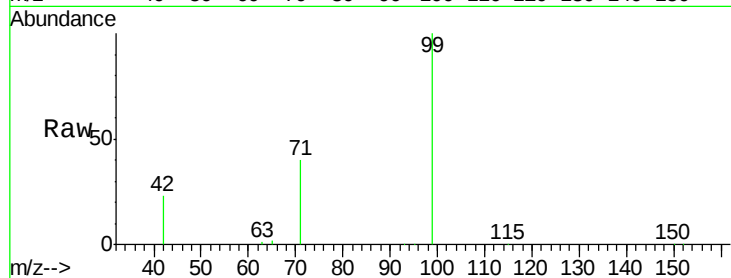
Tgt Ion: 99 Resp: 38693

Ion Ratio Lower Upper

99 100

42 18.3 16.2 24.2

71 30.9 24.4 36.6



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.44 min Scan# 550

Delta R.T. -0.00 min

Lab File: BM004131.D

Acq: 27 Jan 2016 13:14

Tgt Ion: 136 Resp: 91748

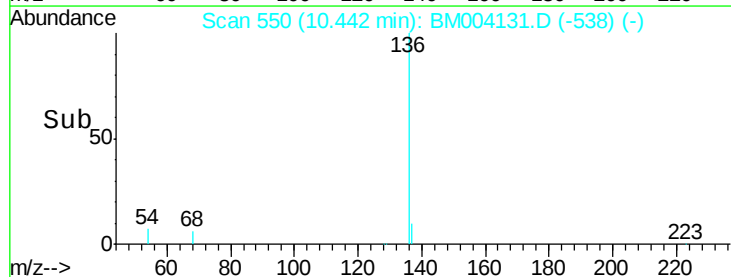
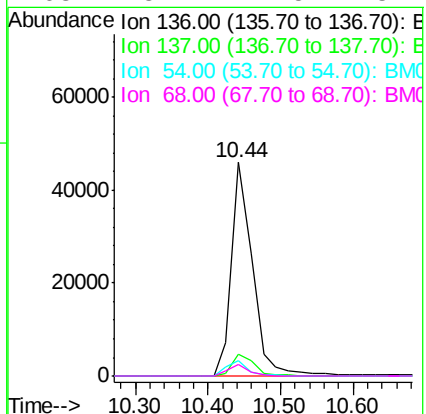
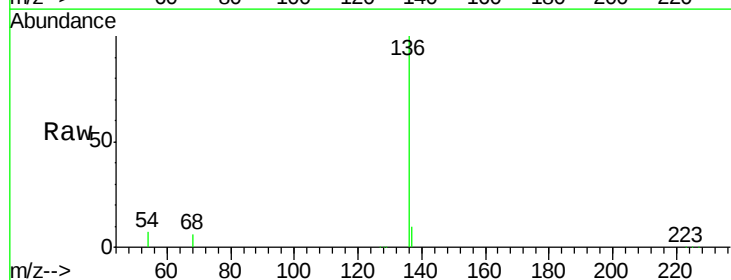
Ion Ratio Lower Upper

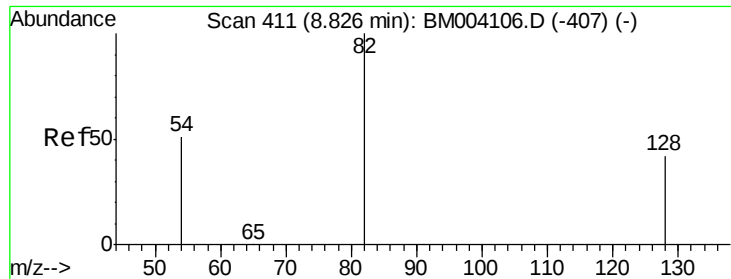
136 100

137 10.4 9.2 13.8

54 7.4 2.8 4.2#

68 5.7 2.5 3.7#





#8

Nitrobenzene-d5

Concen: 3.96 ng

RT: 8.83 min Scan# 411

Delta R.T. -0.00 min

Lab File: BM004131.D

Acq: 27 Jan 2016 13:14

Instrument :

BNA_M

ClientSampleId :

PB87989BL

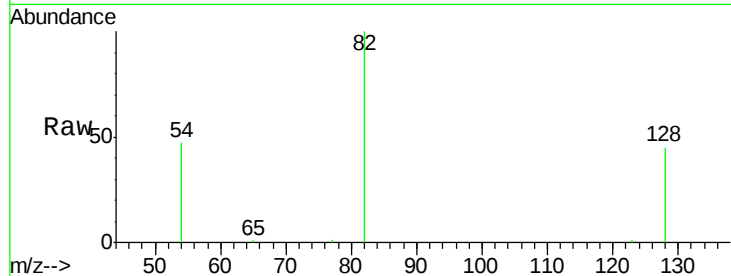
Tgt Ion: 82 Resp: 15913

Ion Ratio Lower Upper

82 100

128 45.0 39.1 58.7

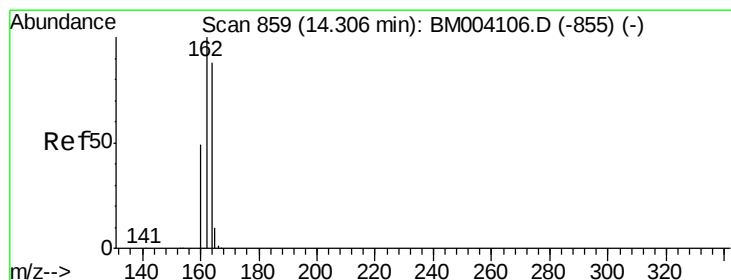
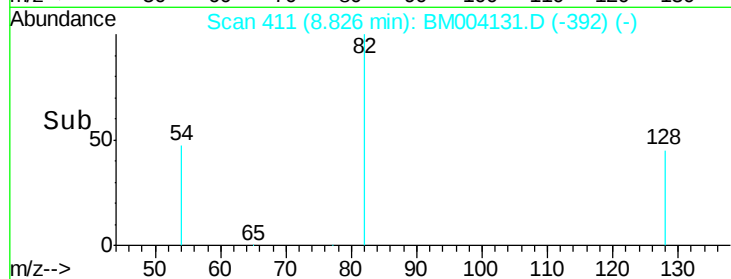
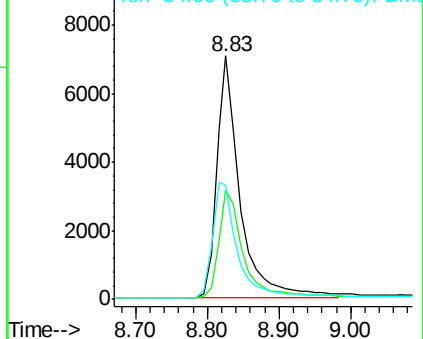
54 47.0 34.8 52.2



Abundance Ion 82.00 (81.70 to 82.70): BM004131.D (-392) (-)

Ion 128.00 (127.70 to 128.70): BM004131.D (-392) (-)

Ion 54.00 (53.70 to 54.70): BM004131.D (-392) (-)



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.31 min Scan# 859

Delta R.T. -0.00 min

Lab File: BM004131.D

Acq: 27 Jan 2016 13:14

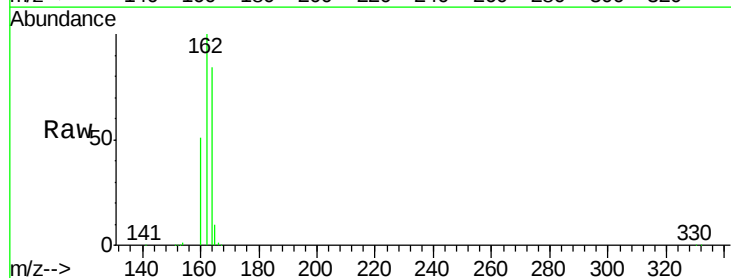
Tgt Ion: 164 Resp: 54822

Ion Ratio Lower Upper

164 100

162 118.7 86.0 129.0

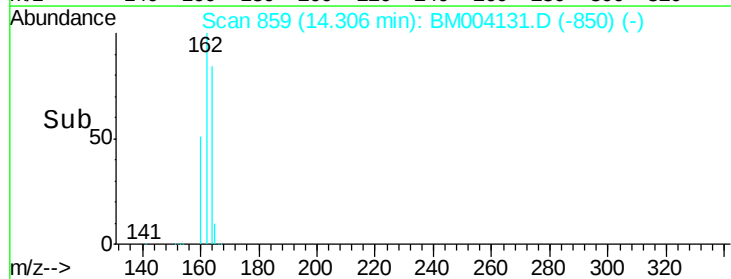
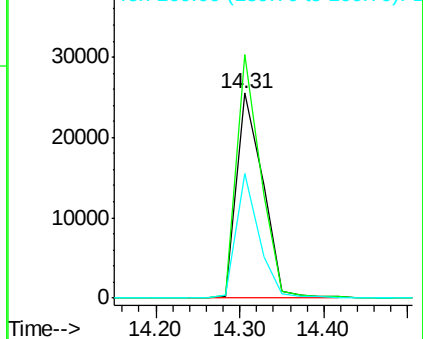
160 60.6 40.3 60.5#

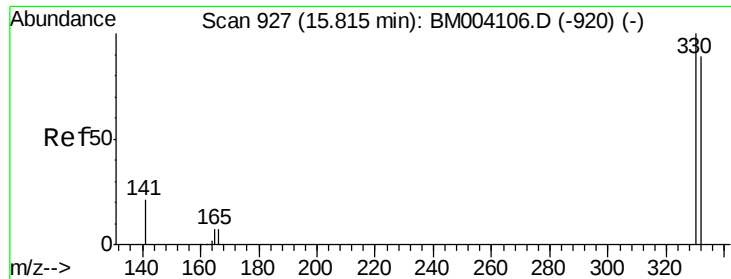


Abundance Ion 164.00 (163.70 to 164.70): BM004131.D (-850) (-)

Ion 162.00 (161.70 to 162.70): BM004131.D (-850) (-)

Ion 160.00 (159.70 to 160.70): BM004131.D (-850) (-)

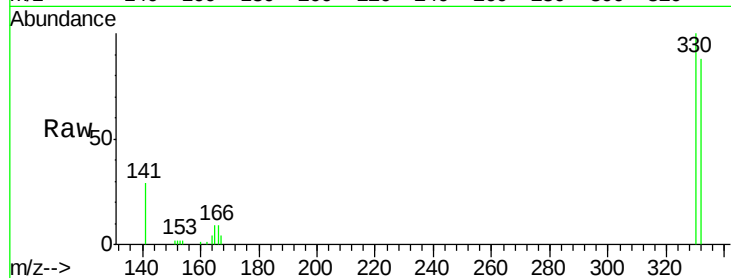




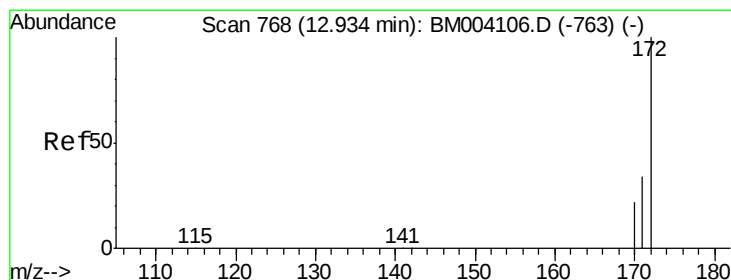
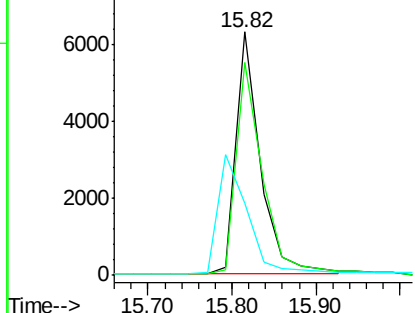
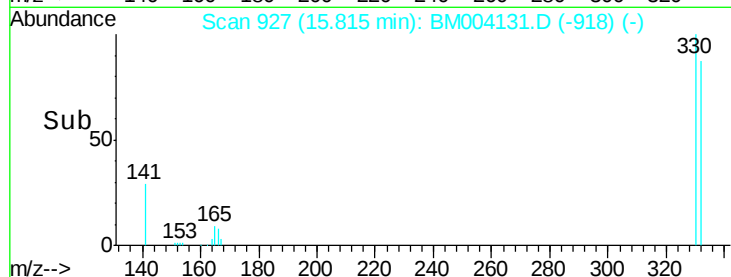
#14
 2,4,6-Tribromophenol
 Concen: 5.84 ng
 RT: 15.82 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: BM004131.D
 Acq: 27 Jan 2016 13:14

Instrument :
 BNA_M
 ClientSampleId :
 PB87989BL

Tgt Ion:330 Resp: 12396
 Ion Ratio Lower Upper
 330 100
 332 94.0 79.0 118.4
 141 0.0 27.8 41.6#

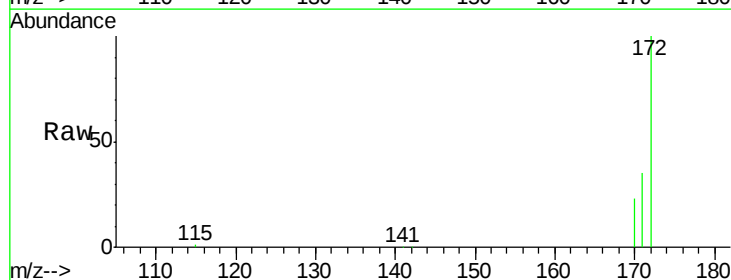


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

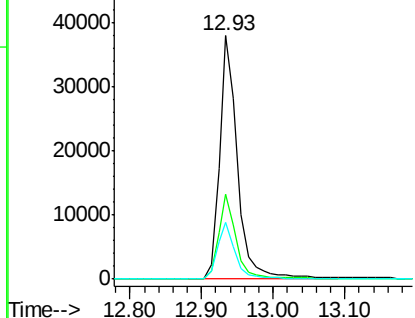
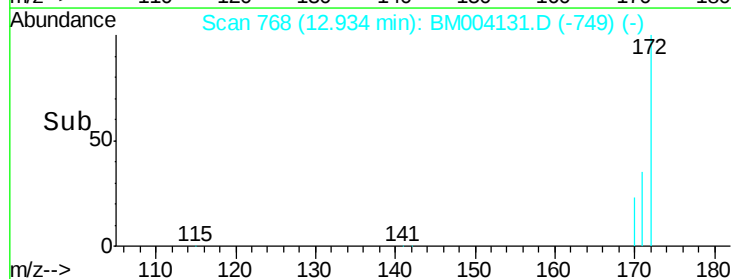


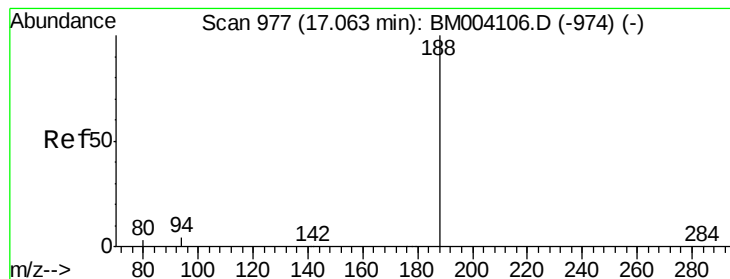
#15
 2-Fluorobiphenyl
 Concen: 3.94 ng
 RT: 12.93 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BM004131.D
 Acq: 27 Jan 2016 13:14

Tgt Ion:172 Resp: 66267
 Ion Ratio Lower Upper
 172 100
 171 35.1 27.0 40.6
 170 23.5 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# 977

Delta R.T. -0.00 min

Lab File: BM004131.D

Acq: 27 Jan 2016 13:14

Instrument :

BNA_M

ClientSampleId :

PB87989BL

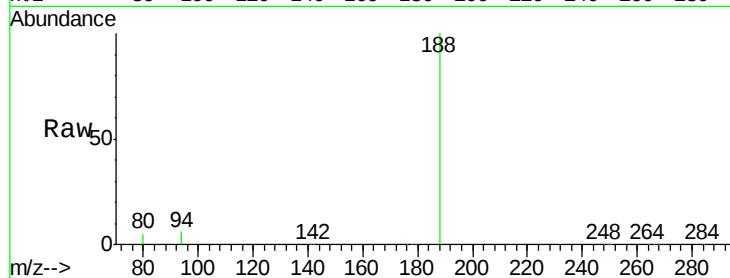
Tgt Ion:188 Resp: 172529

Ion Ratio Lower Upper

188 100

94 5.8 20.3 30.5#

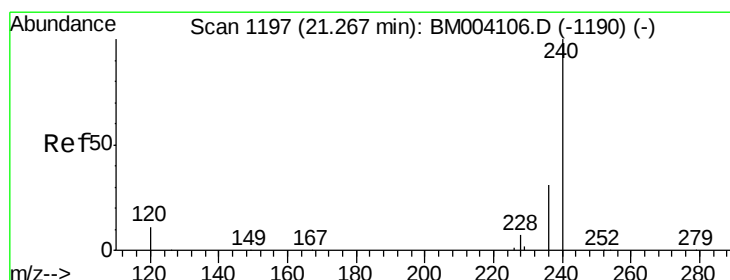
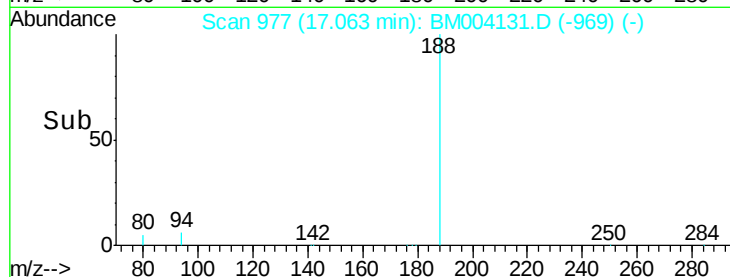
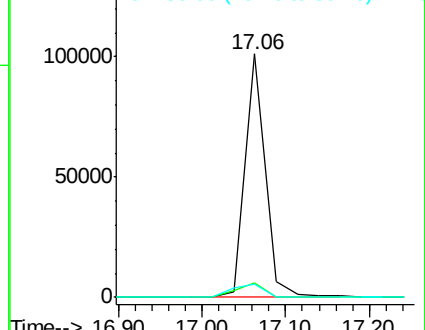
80 5.2 22.2 33.4#



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: 21.29 min Scan# 1198

Delta R.T. 0.02 min

Lab File: BM004131.D

Acq: 27 Jan 2016 13:14

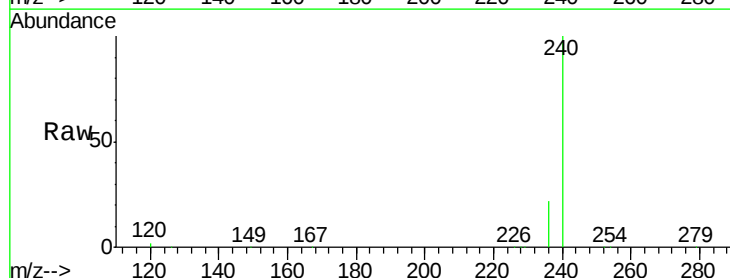
Tgt Ion:240 Resp: 143898

Ion Ratio Lower Upper

240 100

120 1.8 0.9 1.3#

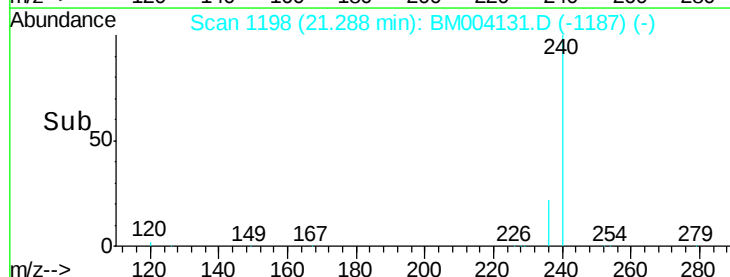
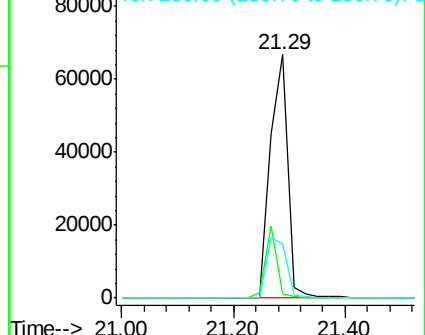
236 22.5 17.3 25.9

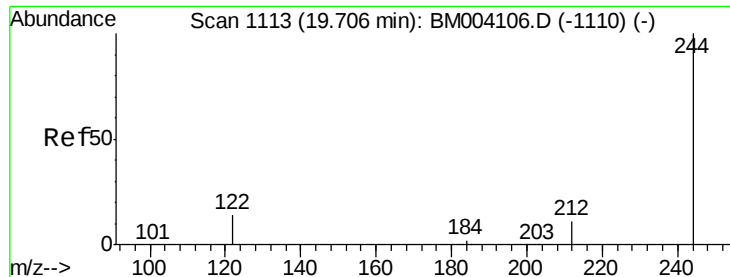


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 4.79 ng

RT: 19.71 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BM004131.D

Acq: 27 Jan 2016 13:14

Instrument :

BNA_M

ClientSampled :

PB87989BL

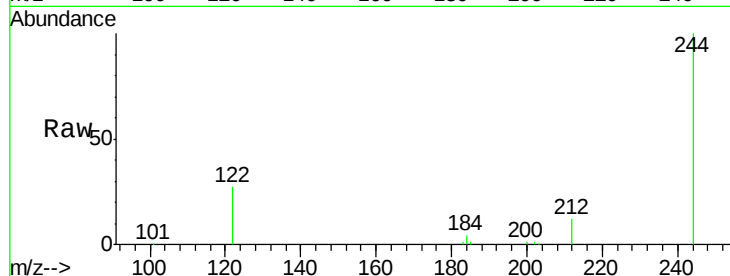
Tgt Ion:244 Resp: 87692

Ion Ratio Lower Upper

244 100

212 11.9 7.0 10.6#

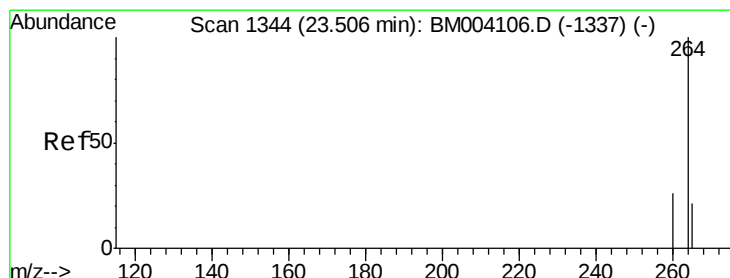
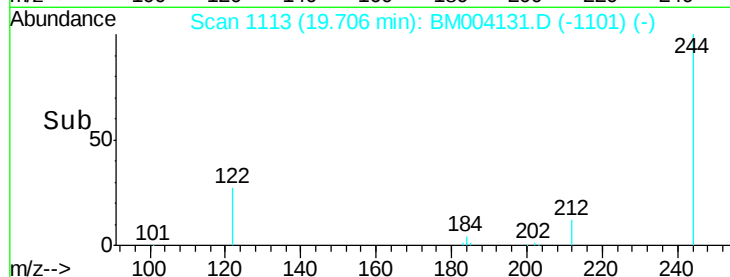
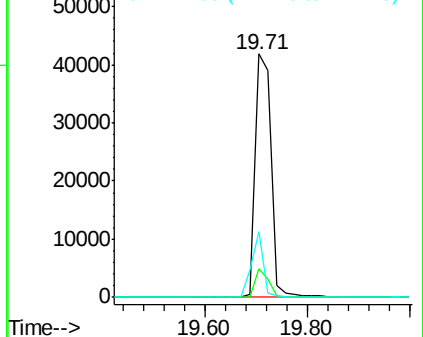
122 27.2 3.0 4.6#



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: 23.52 min Scan# 1345

Delta R.T. 0.01 min

Lab File: BM004131.D

Acq: 27 Jan 2016 13:14

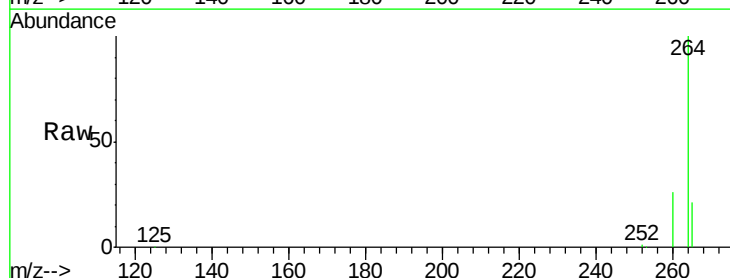
Tgt Ion:264 Resp: 145118

Ion Ratio Lower Upper

264 100

260 25.8 21.2 31.8

265 21.4 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

