

Data Path : Z:\HPCHEM1\BNA M\DATA\BM013016\
 Data File : BM004148.D
 Acq On : 29 Jan 2016 16:13
 Operator : SJ/IZ
 Sample : PB88052BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB88052BL

Quant Time: Jan 29 22:55:06 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	16053	5.00	ng	0.00
7) Naphthalene-d8	10.44	136	67629	5.00	ng	0.00
13) Acenaphthene-d10	14.31	164	42821	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	132896	5.00	ng	0.00
26) Chrysene-d12	21.29	240	118998	5.00	ng	0.02
35) Perylene-d12	23.52	264	123974	5.00	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	24882	7.43	ng	-0.02
5) Phenol-d6	6.85	99	30106	7.45	ng	0.00
8) Nitrobenzene-d5	8.83	82	11869	4.01	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	9277	5.61	ng	0.00
15) 2-Fluorobiphenyl	12.93	172	53153	4.05	ng	0.00
29) Terphenyl-d14	19.71	244	75465	4.99	ng	0.00

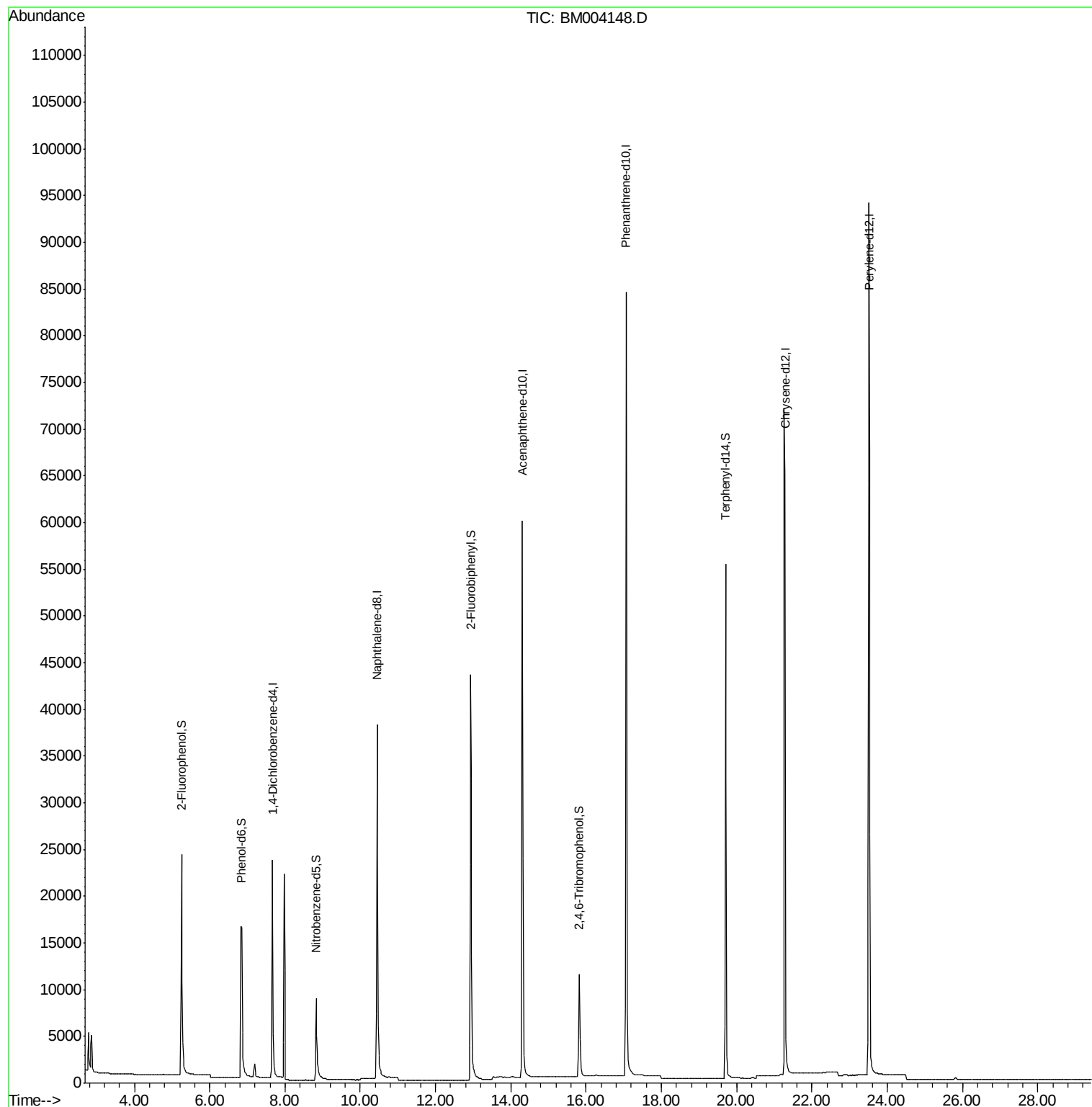
Target Compounds Qvalue

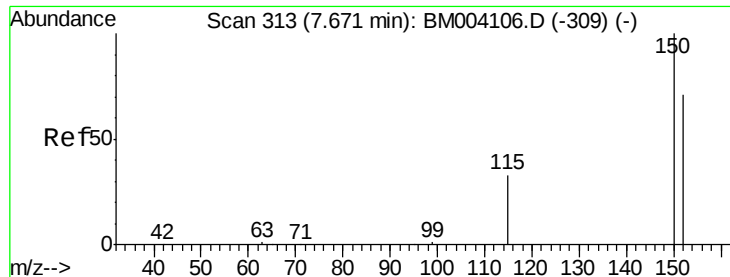
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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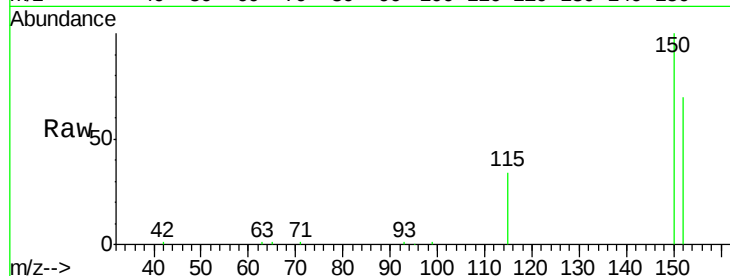


#1

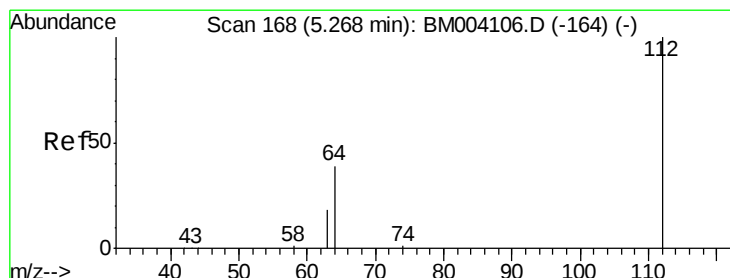
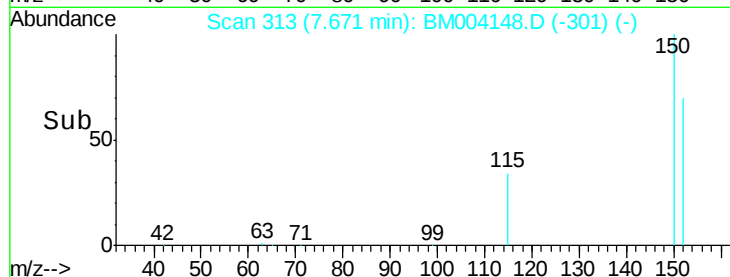
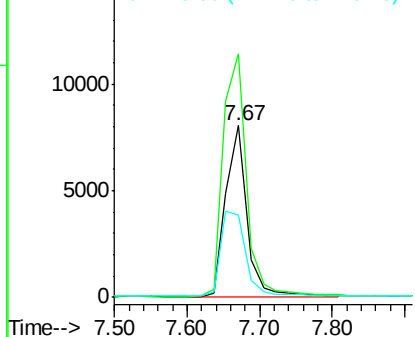
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.67 min Scan# 313
Delta R.T. 0.00 min
Lab File: BM004148.D
Acq: 29 Jan 2016 16:13

Instrument :
BNA_M
ClientSampled :
PB88052BL

Tot Ion:152 Resp: 16053
Ion Ratio Lower Upper
152 100
150 142.1 122.9 184.3
115 48.3 44.4 66.6



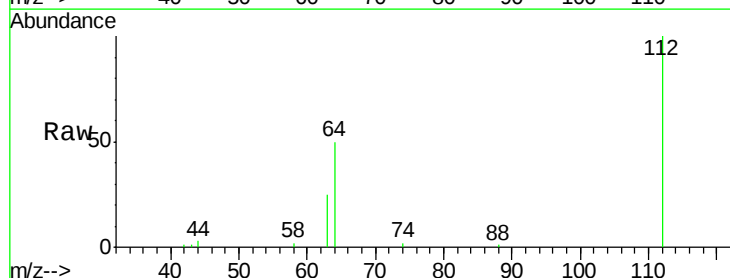
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



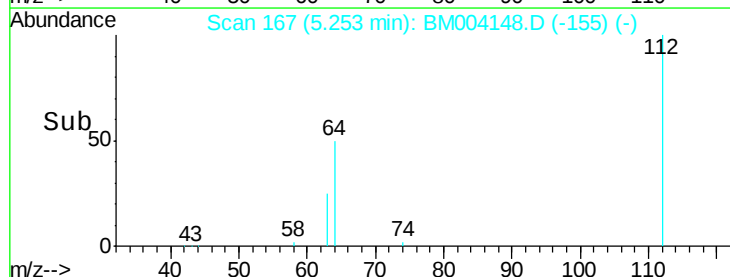
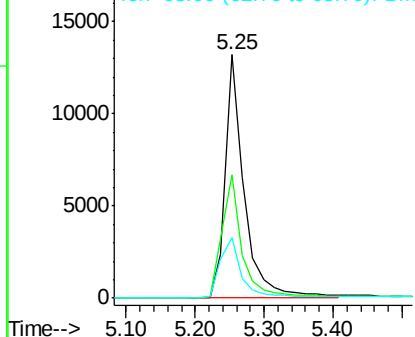
#4

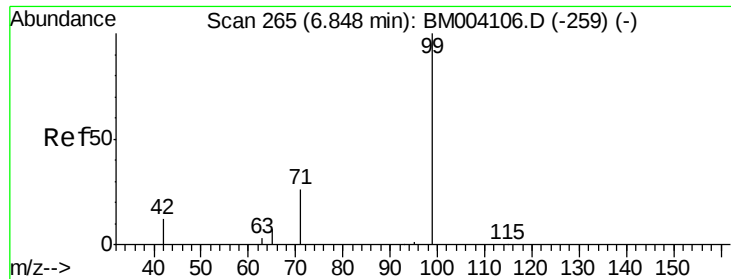
2-Fluorophenol
Concen: 7.43 ng
RT: 5.25 min Scan# 167
Delta R.T. -0.02 min
Lab File: BM004148.D
Acq: 29 Jan 2016 16:13

Tgt Ion:112 Resp: 24882
Ion Ratio Lower Upper
112 100
64 52.7 41.8 62.8
63 27.6 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: 7.45 ng

RT: 6.85 min Scan# 265

Delta R.T. 0.00 min

Lab File: BM004148.D

Acq: 29 Jan 2016 16:13

Instrument :

BNA_M

ClientSampleId :

PB88052BL

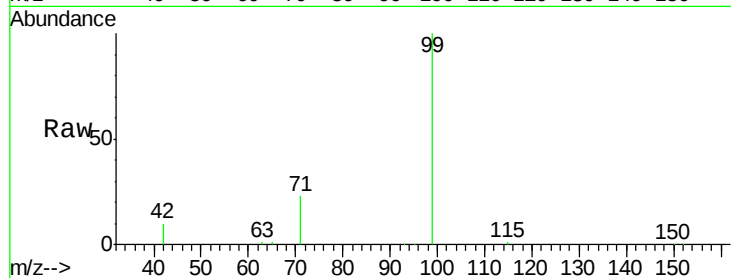
Tot Ion: 99 Resp: 30106

Ion Ratio Lower Upper

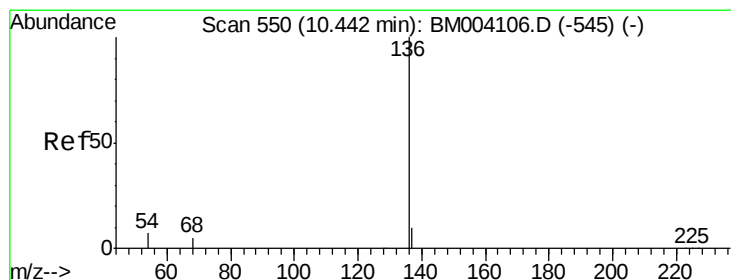
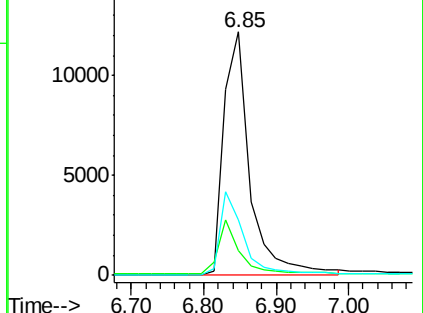
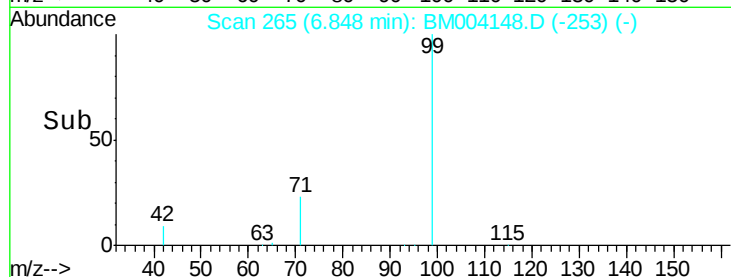
99 100

42 18.5 16.2 24.2

71 31.1 24.4 36.6



Abundance Ion 99.00 (98.70 to 99.70): BM004148.D (-253) (-)



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.44 min Scan# 550

Delta R.T. 0.00 min

Lab File: BM004148.D

Acq: 29 Jan 2016 16:13

Tgt Ion: 136 Resp: 67629

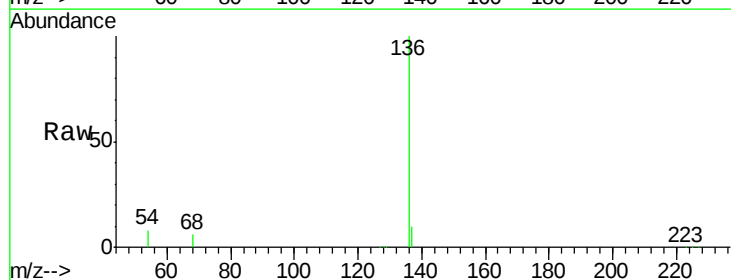
Ion Ratio Lower Upper

136 100

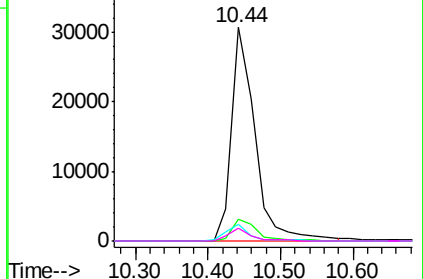
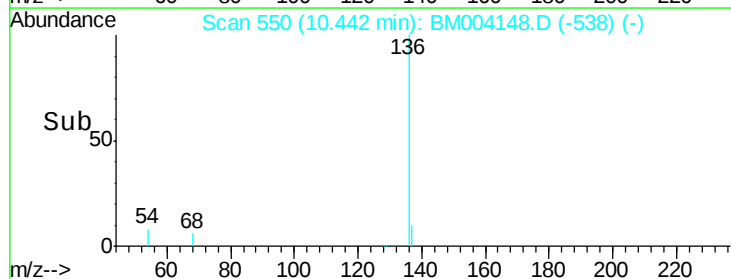
137 10.4 9.2 13.8

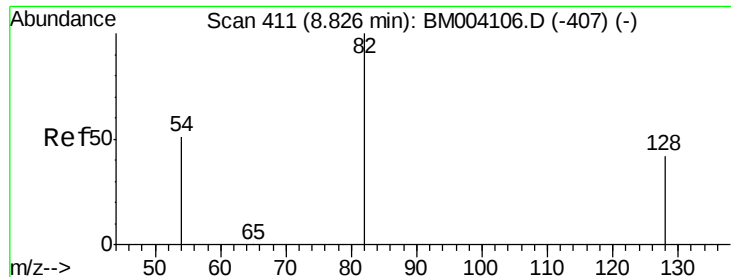
54 8.0 2.8 4.2#

68 5.9 2.5 3.7#



Abundance Ion 136.00 (135.70 to 136.70): BM004148.D (-538) (-)





#8

Nitrobenzene-d5

Concen: 4.01 ng

RT: 8.83 min Scan# 411

Delta R.T. 0.00 min

Lab File: BM004148.D

Acq: 29 Jan 2016 16:13

Instrument :

BNA_M

ClientSampleId :

PB88052BL

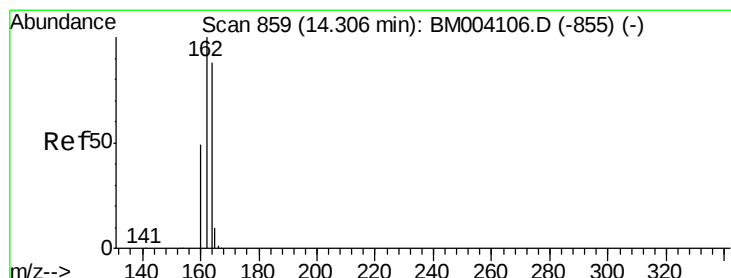
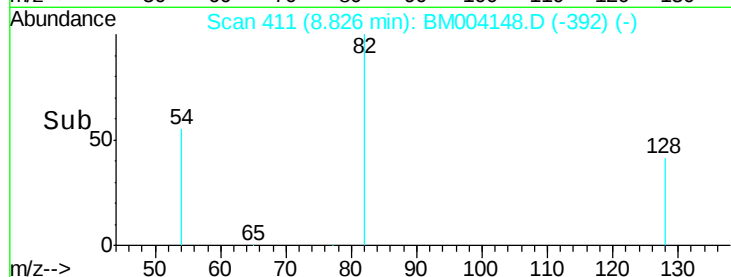
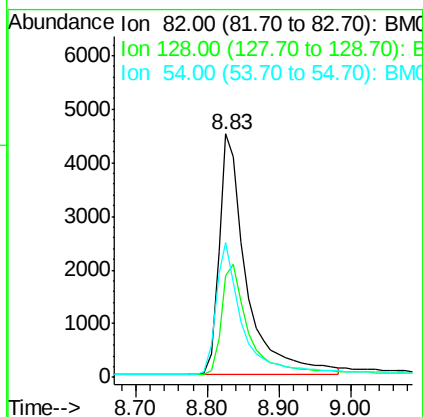
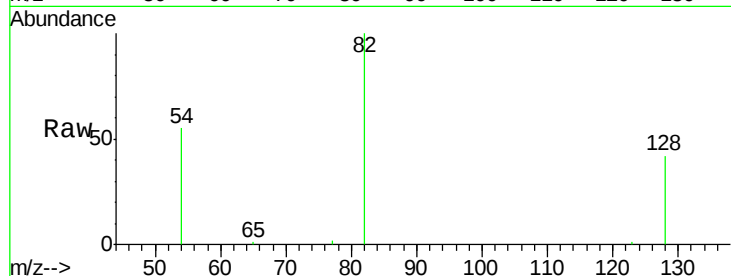
Tot Ion: 82 Resp: 11869

Ion Ratio Lower Upper

82 100

128 41.6 39.1 58.7

54 55.1 34.8 52.2#



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.31 min Scan# 859

Delta R.T. 0.00 min

Lab File: BM004148.D

Acq: 29 Jan 2016 16:13

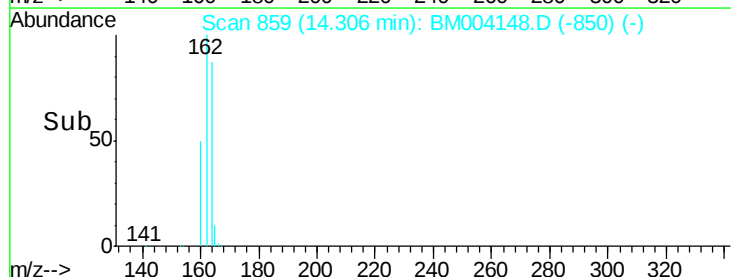
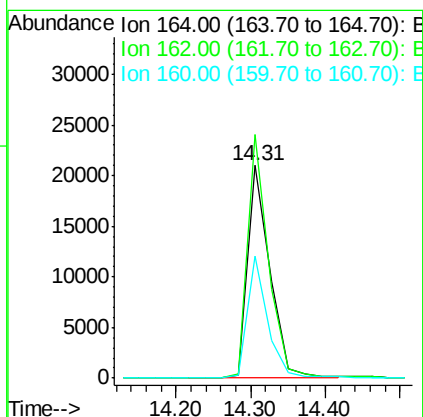
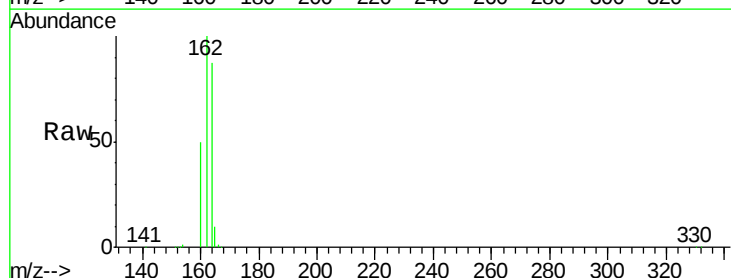
Tgt Ion: 164 Resp: 42821

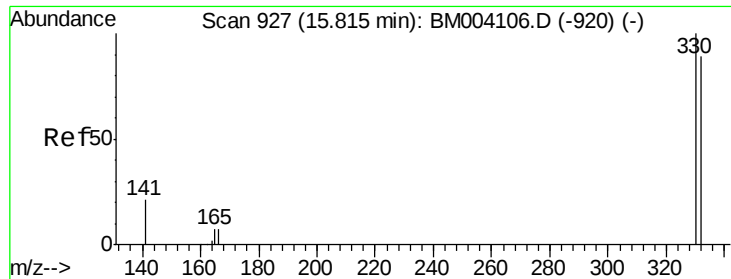
Ion Ratio Lower Upper

164 100

162 114.5 86.0 129.0

160 57.3 40.3 60.5

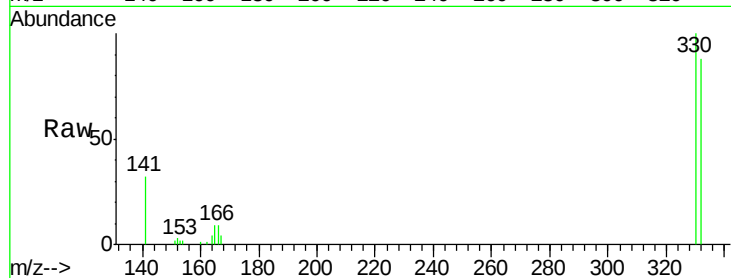




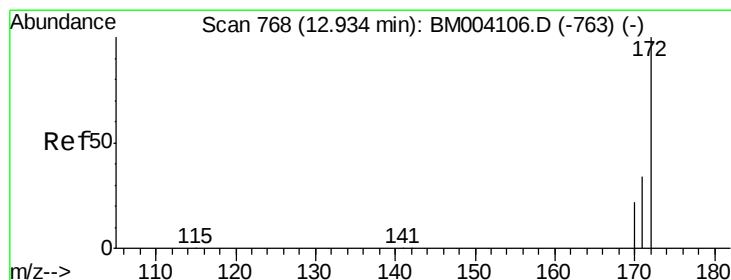
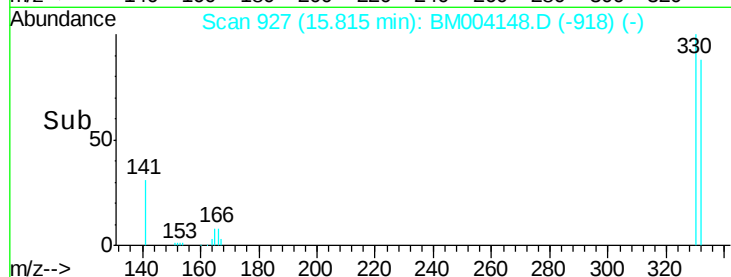
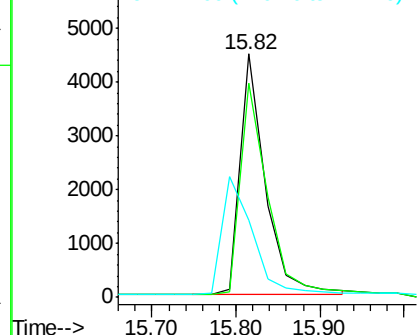
#14
 2,4,6-Tribromophenol
 Concen: 5.61 ng
 RT: 15.82 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: BM004148.D
 Acq: 29 Jan 2016 16:13

Instrument :
 BNA_M
 ClientSampleId :
 PB88052BL

Tot Ion:330 Resp: 9277
 Ion Ratio Lower Upper
 330 100
 332 94.2 79.0 118.4
 141 0.0 27.8 41.6#

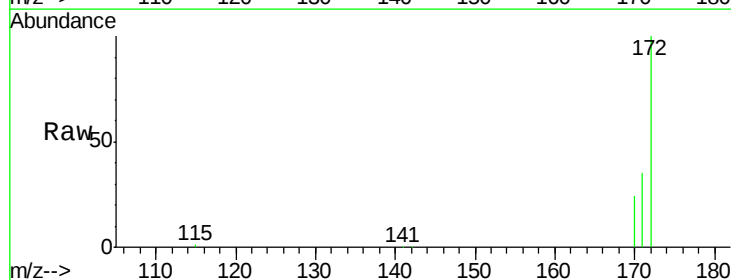


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

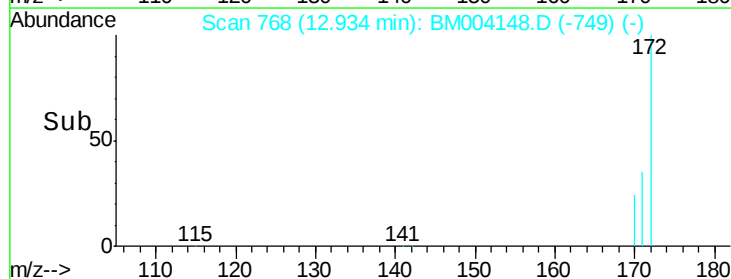
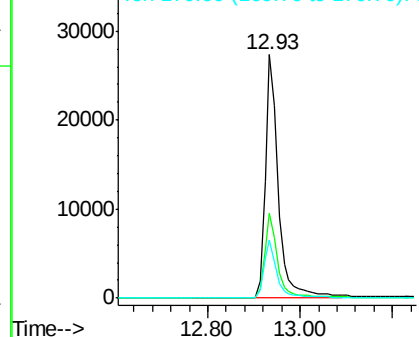


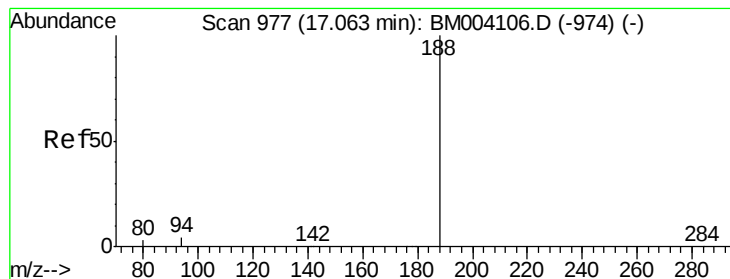
#15
 2-Fluorobiphenyl
 Concen: 4.05 ng
 RT: 12.93 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BM004148.D
 Acq: 29 Jan 2016 16:13

Tgt Ion:172 Resp: 53153
 Ion Ratio Lower Upper
 172 100
 171 35.1 27.0 40.6
 170 23.7 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: BM004148.D

Acq: 29 Jan 2016 16:13

Instrument :

BNA_M

ClientSampleId :

PB88052BL

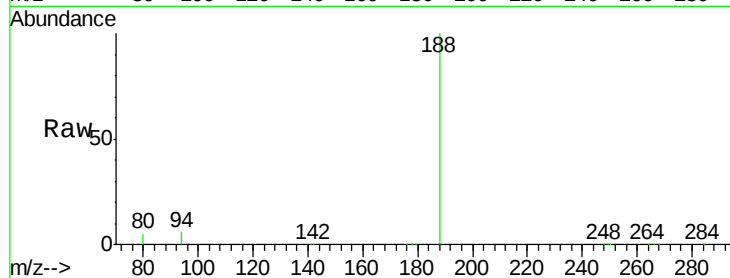
Tot Ion:188 Resp: 132896

Ion Ratio Lower Upper

188 100

94 5.6 20.3 30.5#

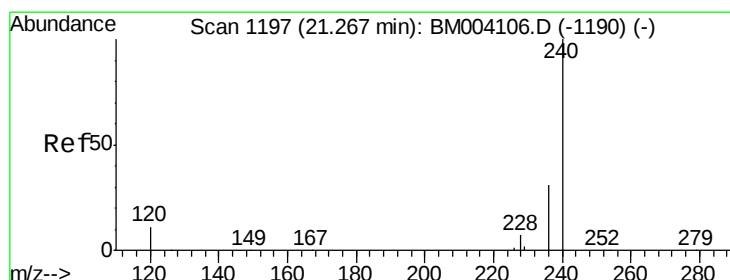
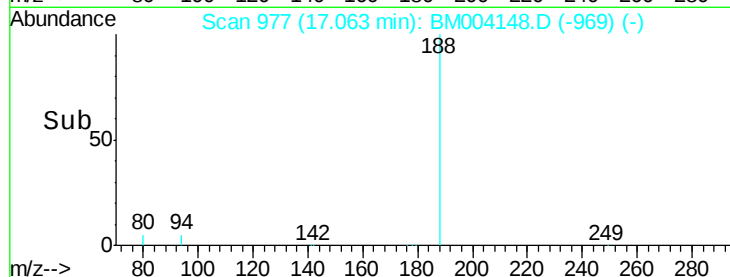
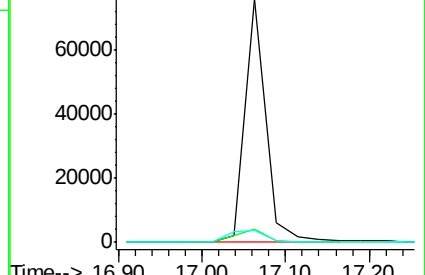
80 5.0 22.2 33.4#



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: BM004148.D

Acq: 29 Jan 2016 16:13

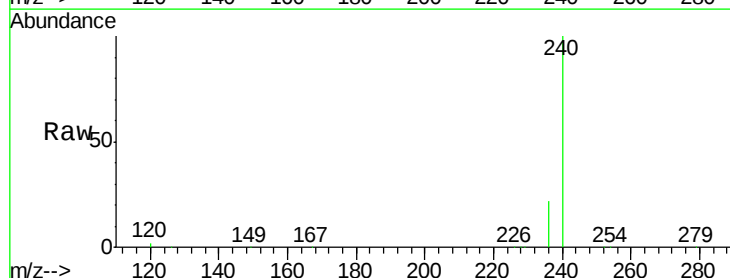
Tgt Ion:240 Resp: 118998

Ion Ratio Lower Upper

240 100

120 2.0 0.9 1.3#

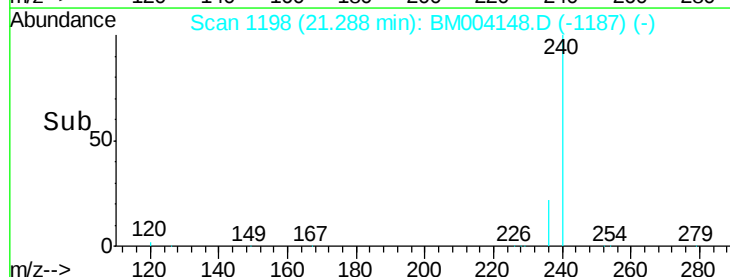
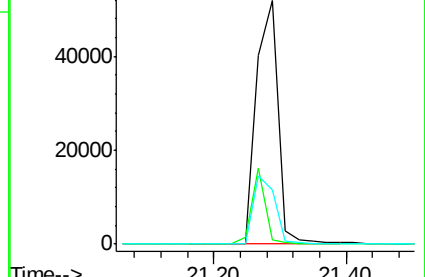
236 22.4 17.3 25.9

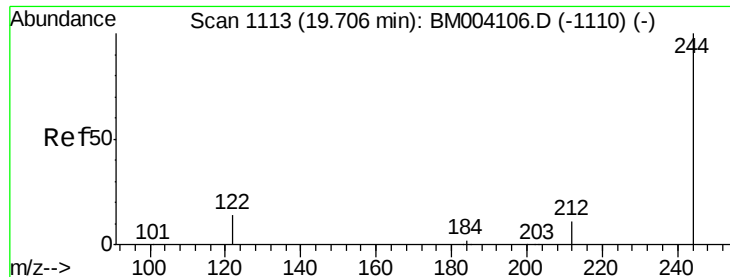


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 4.99 ng

RT: 19.71 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BM004148.D

Acq: 29 Jan 2016 16:13

Instrument :

BNA_M

ClientSampled :

PB88052BL

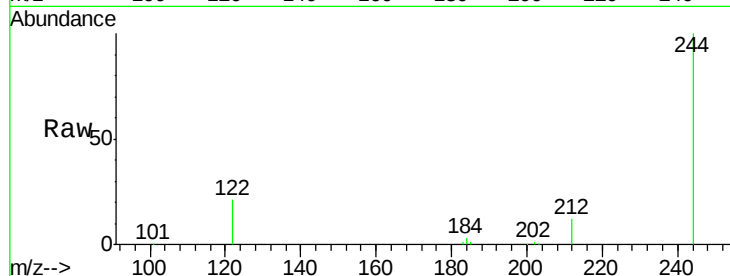
Tot Ion:244 Resp: 75465

Ion Ratio Lower Upper

244 100

212 11.6 7.0 10.6#

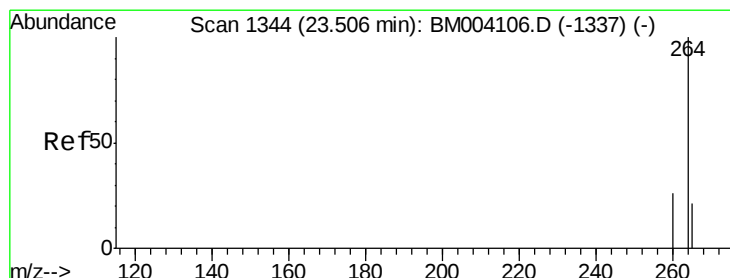
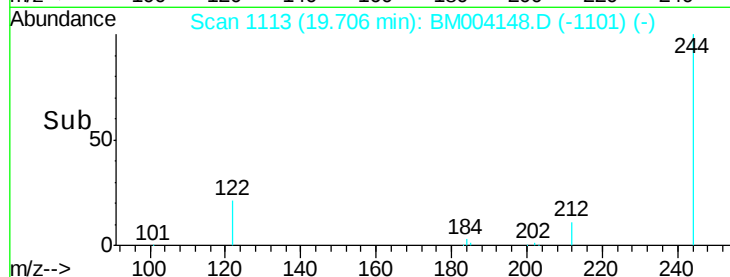
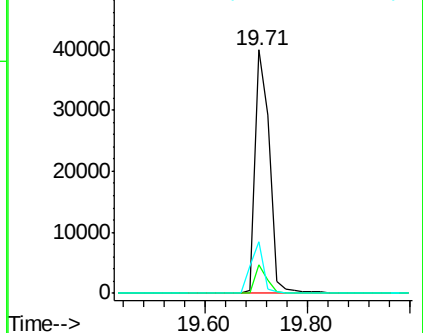
122 21.2 3.0 4.6#



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: BM004148.D

Acq: 29 Jan 2016 16:13

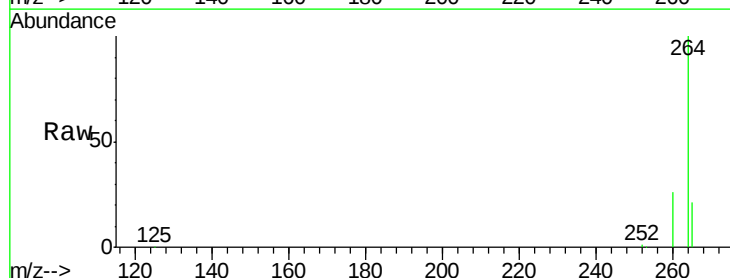
Tgt Ion:264 Resp: 123974

Ion Ratio Lower Upper

264 100

260 25.5 21.2 31.8

265 21.5 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

