

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073117\
 Data File : BM011069.D
 Acq On : 31 Jul 2017 15:54
 Operator : SJ/JU
 Sample : PB101041BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB101041BL

Quant Time: Aug 01 01:31:04 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 17:29:06 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	228512	20.00	ng	0.00
21) Naphthalene-d8	10.14	136	894240	20.00	ng	-0.01
38) Acenaphthene-d10	14.04	164	596636	20.00	ng	-0.01
63) Phenanthrene-d10	16.80	188	1400480	20.00	ng	-0.01
75) Chrysene-d12	21.02	240	1102848	20.00	ng	-0.01
86) Perylene-d12	23.13	264	787574	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1969215	145.67	ng	0.00
7) Phenol-d6	6.59	99	2727423	142.01	ng	0.00
23) Nitrobenzene-d5	8.53	82	2238108	93.93	ng	0.00
41) 2,4,6-Tribromophenol	15.54	330	1230222	128.65	ng	-0.01
44) 2-Fluorobiphenyl	12.65	172	4290506	90.19	ng	-0.01
78) Terphenyl-d14	19.46	244	5230327	93.94	ng	0.00

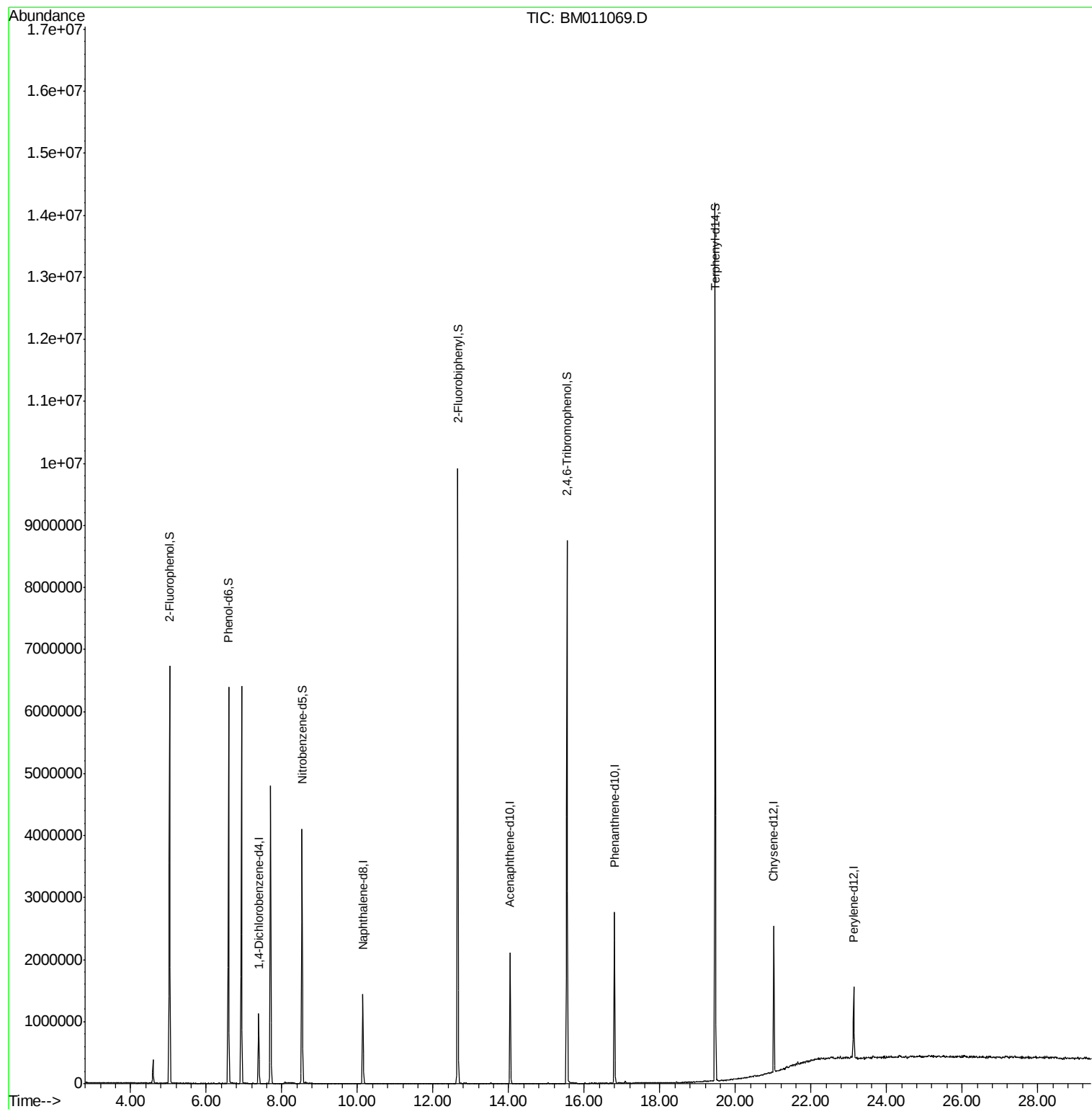
Target Compounds Qvalue

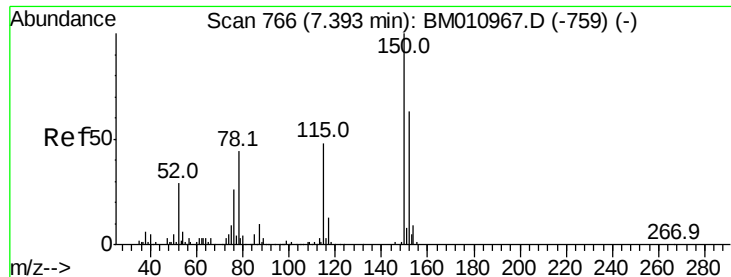
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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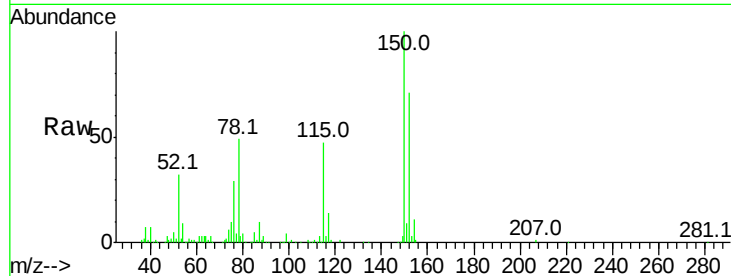


#1

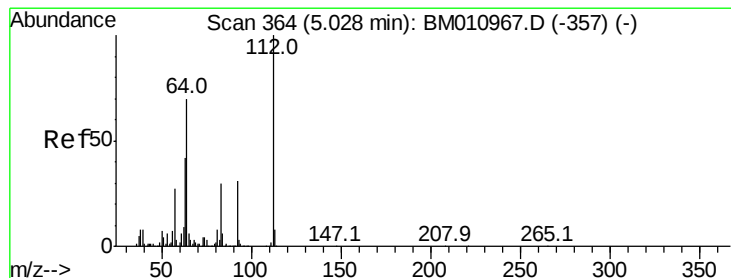
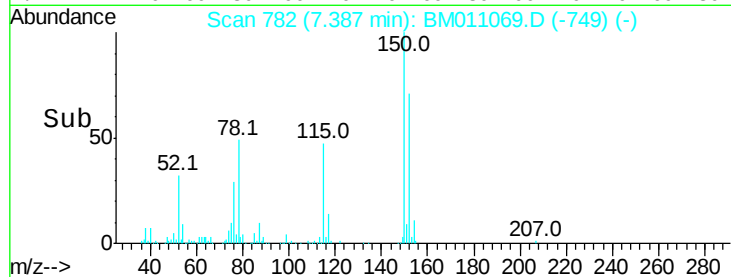
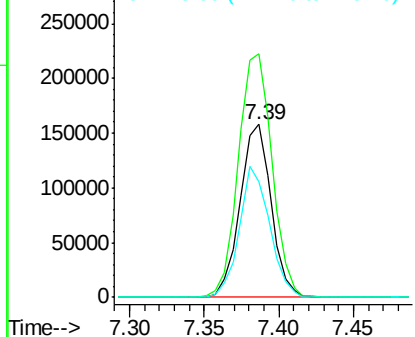
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 782
Delta R.T. -0.01 min
Lab File: BM011069.D
Acq: 31 Jul 2017 15:54

Instrument :
BNA_M
ClientSampleId :
PB101041BL

Tot Ion:152 Resp: 228512
Ion Ratio Lower Upper
152 100
150 140.6 119.5 179.3
115 66.7 43.0 64.4#



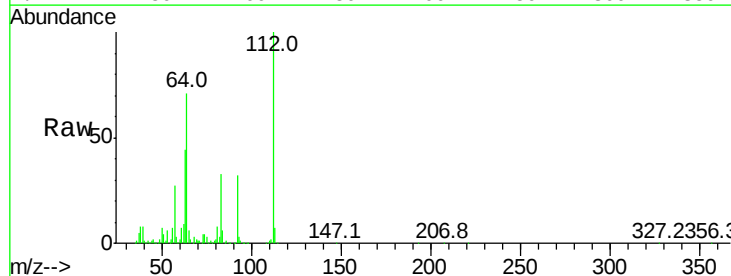
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



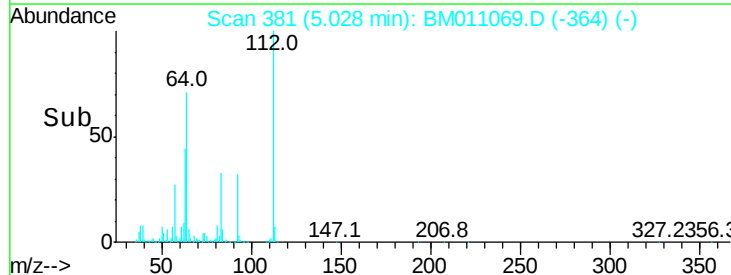
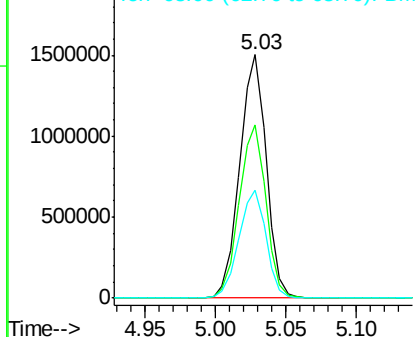
#5

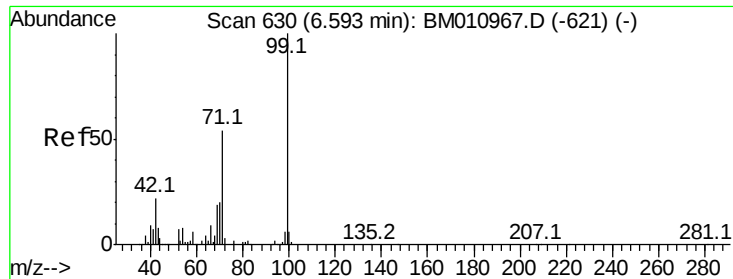
2-Fluorophenol
Concen: 145.675 ng
RT: 5.03 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM011069.D
Acq: 31 Jul 2017 15:54

Tgt Ion:112 Resp: 1969215
Ion Ratio Lower Upper
112 100
64 71.3 38.6 57.8#
63 44.3 19.3 28.9#



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





#7

Phenol-d6

Concen: 142.005 ng

RT: 6.59 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM011069.D

Acq: 31 Jul 2017 15:54

Instrument :

BNA_M

ClientSampleId :

PB101041BL

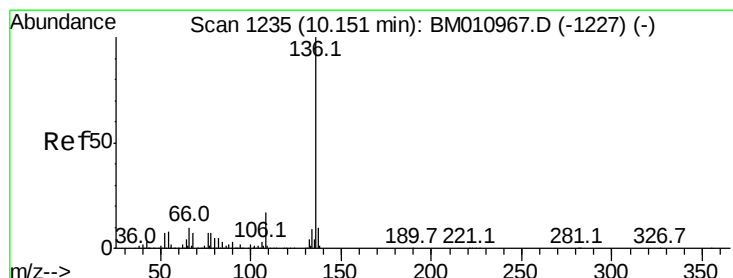
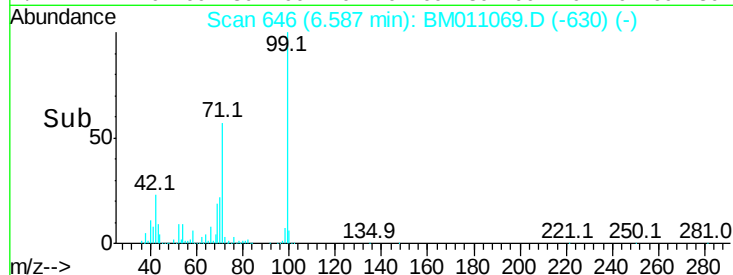
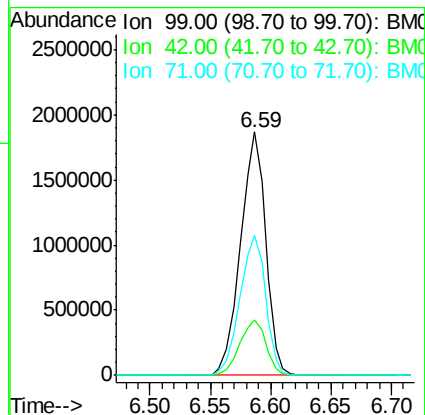
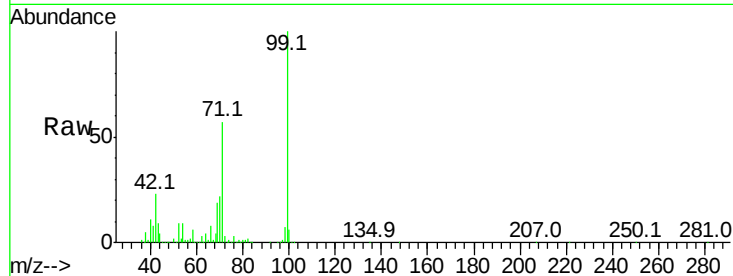
Tot Ion: 99 Resp: 2727423

Ion Ratio Lower Upper

99 100

42 23.0 11.0 16.4#

71 57.4 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.14 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BM011069.D

Acq: 31 Jul 2017 15:54

Tgt Ion: 136 Resp: 894240

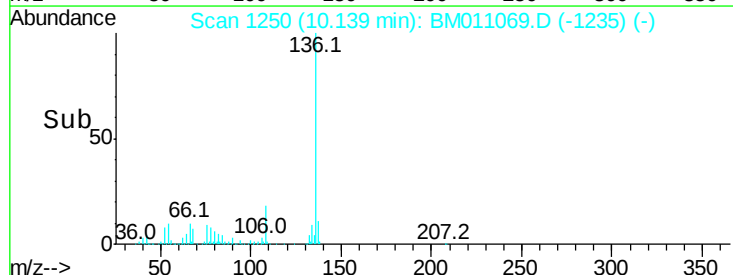
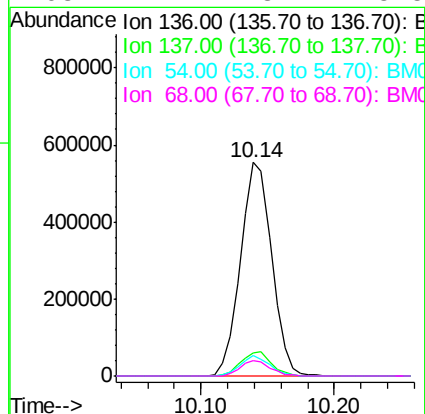
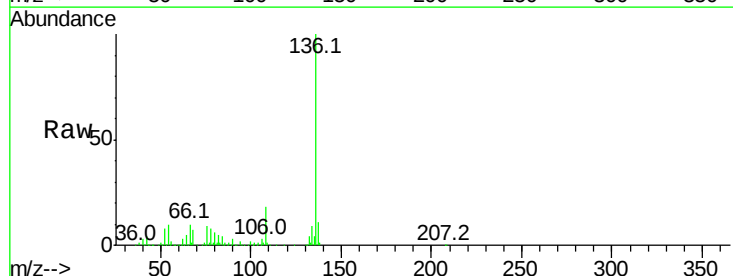
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 9.7 4.6 6.8#

68 7.2 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 93.934 ng

RT: 8.53 min Scan# 977

Delta R.T. -0.01 min

Lab File: BM011069.D

Acq: 31 Jul 2017 15:54

Instrument :

BNA_M

ClientSampleId :

PB101041BL

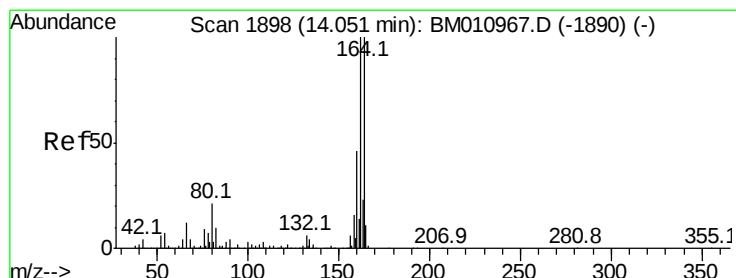
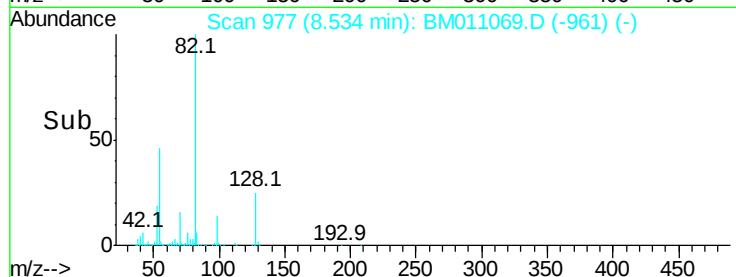
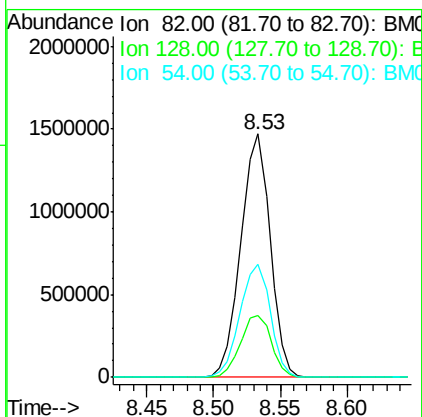
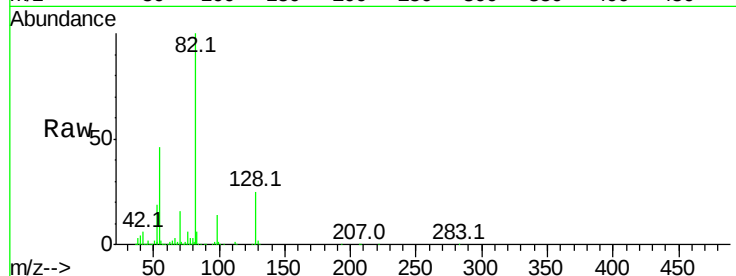
Tot Ion: 82 Resp: 2238108

Ion Ratio Lower Upper

82 100

128 25.3 32.8 49.2#

54 46.2 40.6 60.8



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.04 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BM011069.D

Acq: 31 Jul 2017 15:54

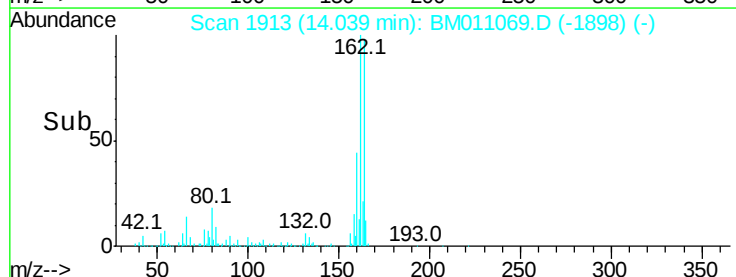
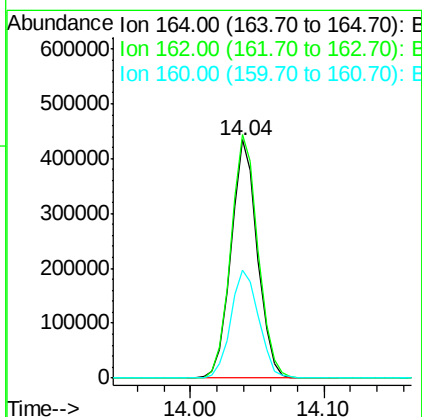
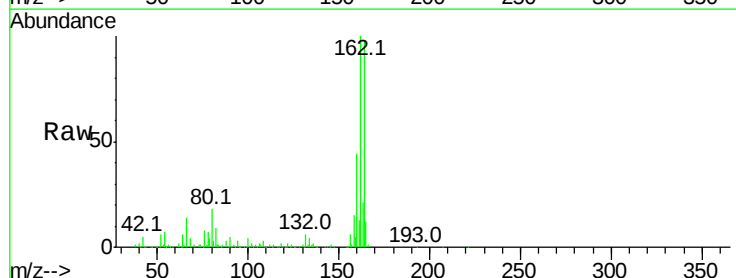
Tgt Ion: 164 Resp: 596636

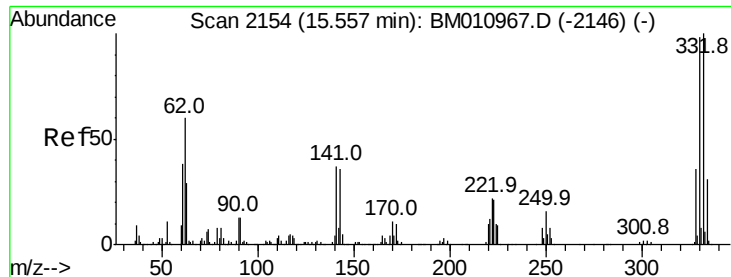
Ion Ratio Lower Upper

164 100

162 102.2 82.4 123.6

160 45.2 35.8 53.6

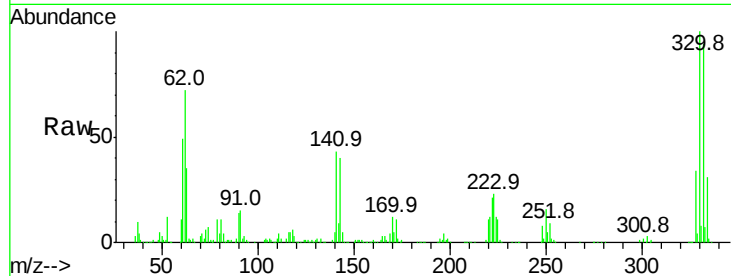




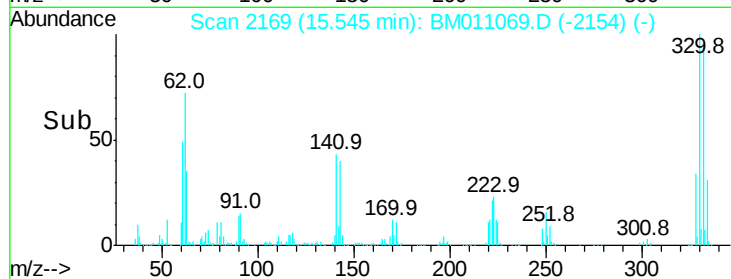
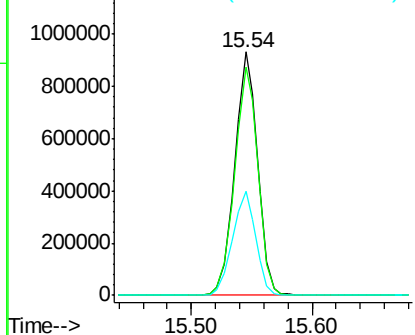
#41
 2,4,6-Tribromophenol
 Concen: 128.646 ng
 RT: 15.54 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BM011069.D
 Acq: 31 Jul 2017 15:54

Instrument :
 BNA_M
 ClientSampleId :
 PB101041BL

Tot Ion:330 Resp: 1230222
 Ion Ratio Lower Upper
 330 100
 332 95.1 0.0 0.0#
 141 43.3 0.0 0.0#

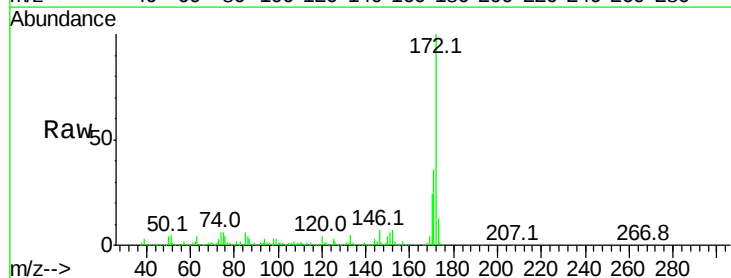


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

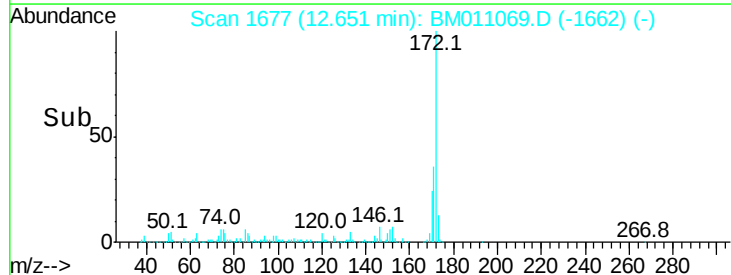
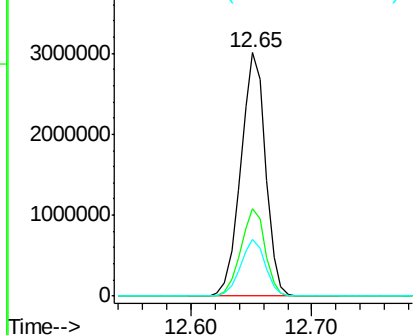


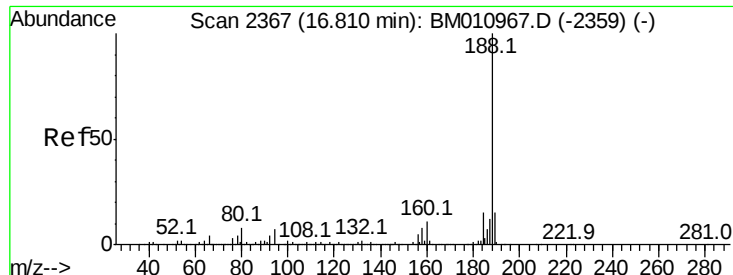
#44
 2-Fluorobiphenyl
 Concen: 90.187 ng
 RT: 12.65 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BM011069.D
 Acq: 31 Jul 2017 15:54

Tgt Ion:172 Resp: 4290506
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.5 42.7
 170 23.5 18.8 28.2



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

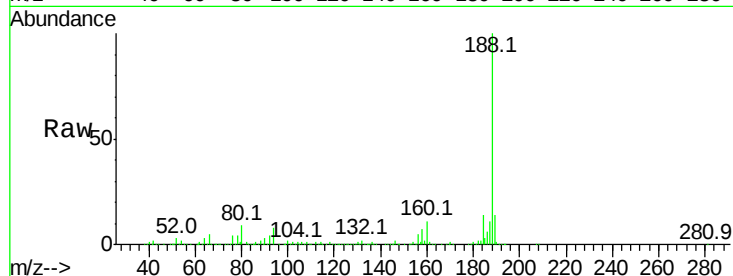




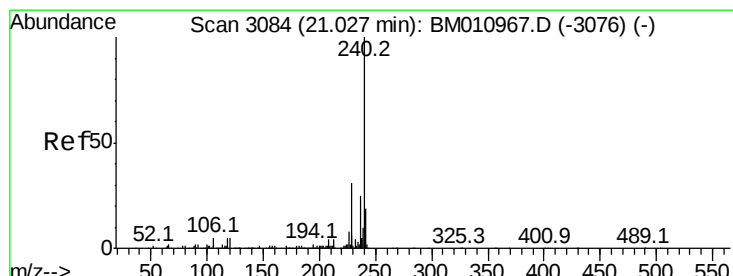
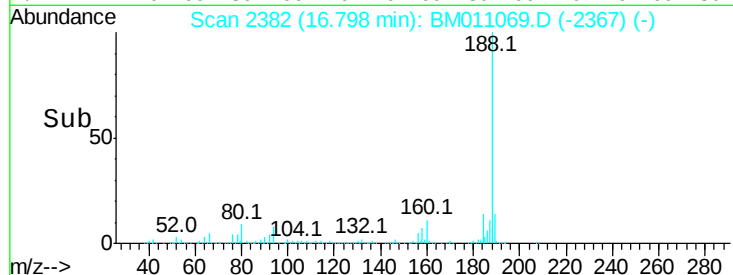
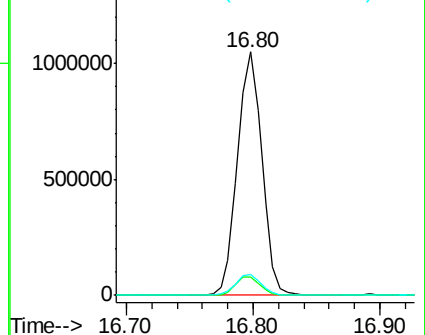
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.80 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BM011069.D
Acq: 31 Jul 2017 15:54

Instrument :
BNA_M
ClientSampled :
PB101041BL

Tot Ion:188 Resp: 1400480
Ion Ratio Lower Upper
188 100
94 7.6 8.7 13.1#
80 8.6 9.3 13.9#

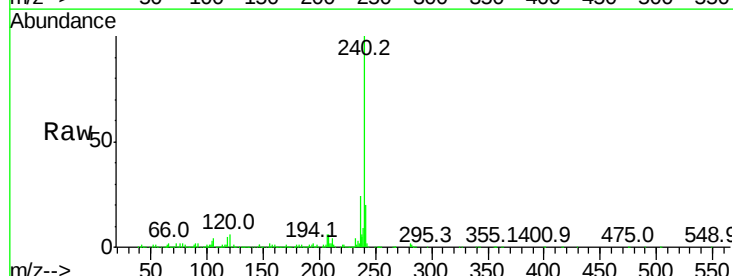


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

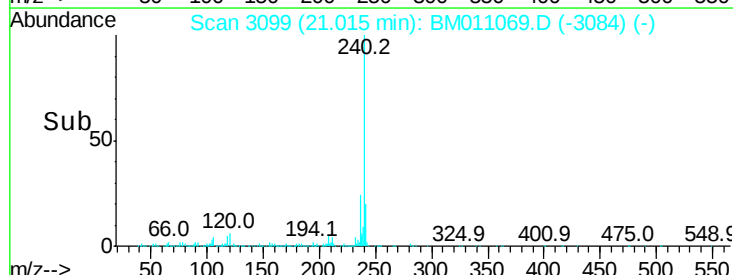
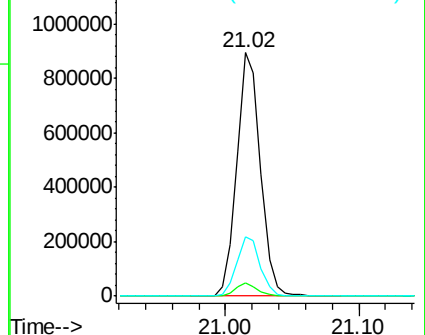


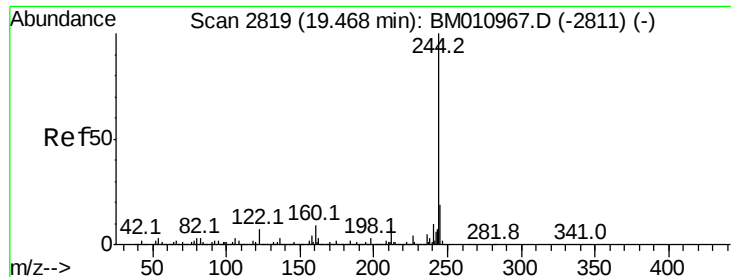
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM011069.D
Acq: 31 Jul 2017 15:54

Tgt Ion:240 Resp: 1102848
Ion Ratio Lower Upper
240 100
120 5.5 8.2 12.2#
236 24.4 20.0 30.0



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





#78

Terphenyl-d14

Concen: 93.944 ng

RT: 19.46 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM011069.D

Acq: 31 Jul 2017 15:54

Instrument :

BNA_M

ClientSampleId :

PB101041BL

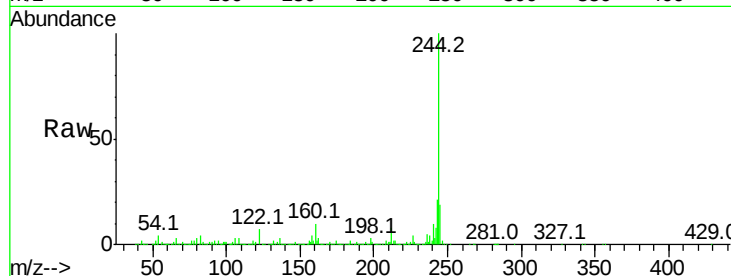
Tot Ion:244 Resp: 5230327

Ion Ratio Lower Upper

244 100

212 8.2 4.9 7.3#

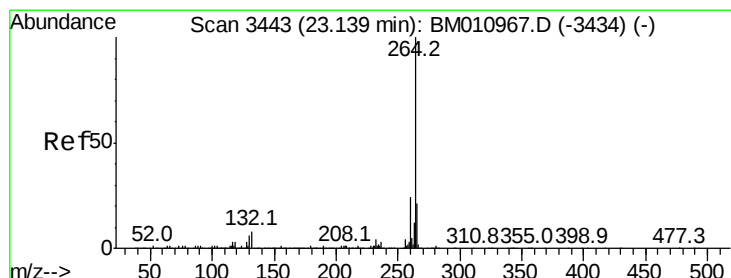
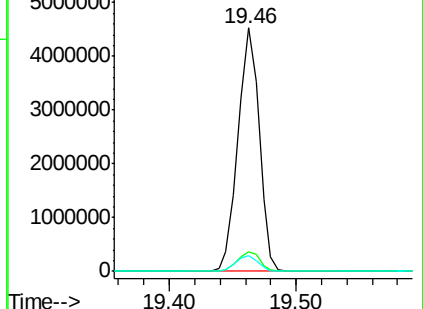
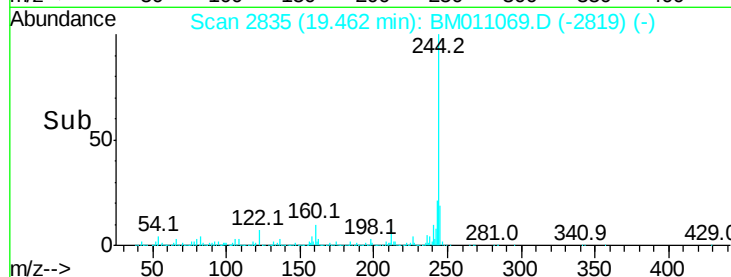
122 6.7 6.2 9.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.13 min Scan# 3458

Delta R.T. -0.01 min

Lab File: BM011069.D

Acq: 31 Jul 2017 15:54

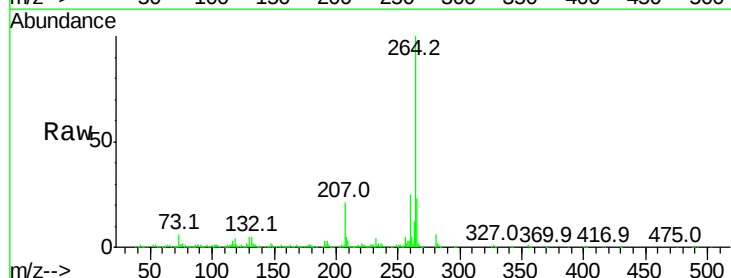
Tgt Ion:264 Resp: 787574

Ion Ratio Lower Upper

264 100

260 25.1 18.6 27.8

265 22.8 17.3 25.9



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

