

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071317\
 Data File : BM010826.D
 Acq On : 13 Jul 2017 23:22
 Operator : SJ/JU
 Sample : PB100603TB
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB100603TB

Quant Time: Jul 14 01:28:48 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 12 14:21:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	253223	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	974146	20.00	ng	0.00
38) Acenaphthene-d10	14.10	164	601035	20.00	ng	0.00
63) Phenanthrene-d10	16.85	188	1406867	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1241295	20.00	ng	0.00
86) Perylene-d12	23.19	264	1017415	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	2045498	133.81	ng	0.00
7) Phenol-d6	6.64	99	2723626	129.24	ng	0.00
23) Nitrobenzene-d5	8.59	82	2040641	80.52	ng	0.00
41) 2,4,6-Tribromophenol	15.60	330	1188975	129.45	ng	0.00
44) 2-Fluorobiphenyl	12.71	172	4248169	87.93	ng	0.00
78) Terphenyl-d14	19.51	244	5309894	82.74	ng	0.00

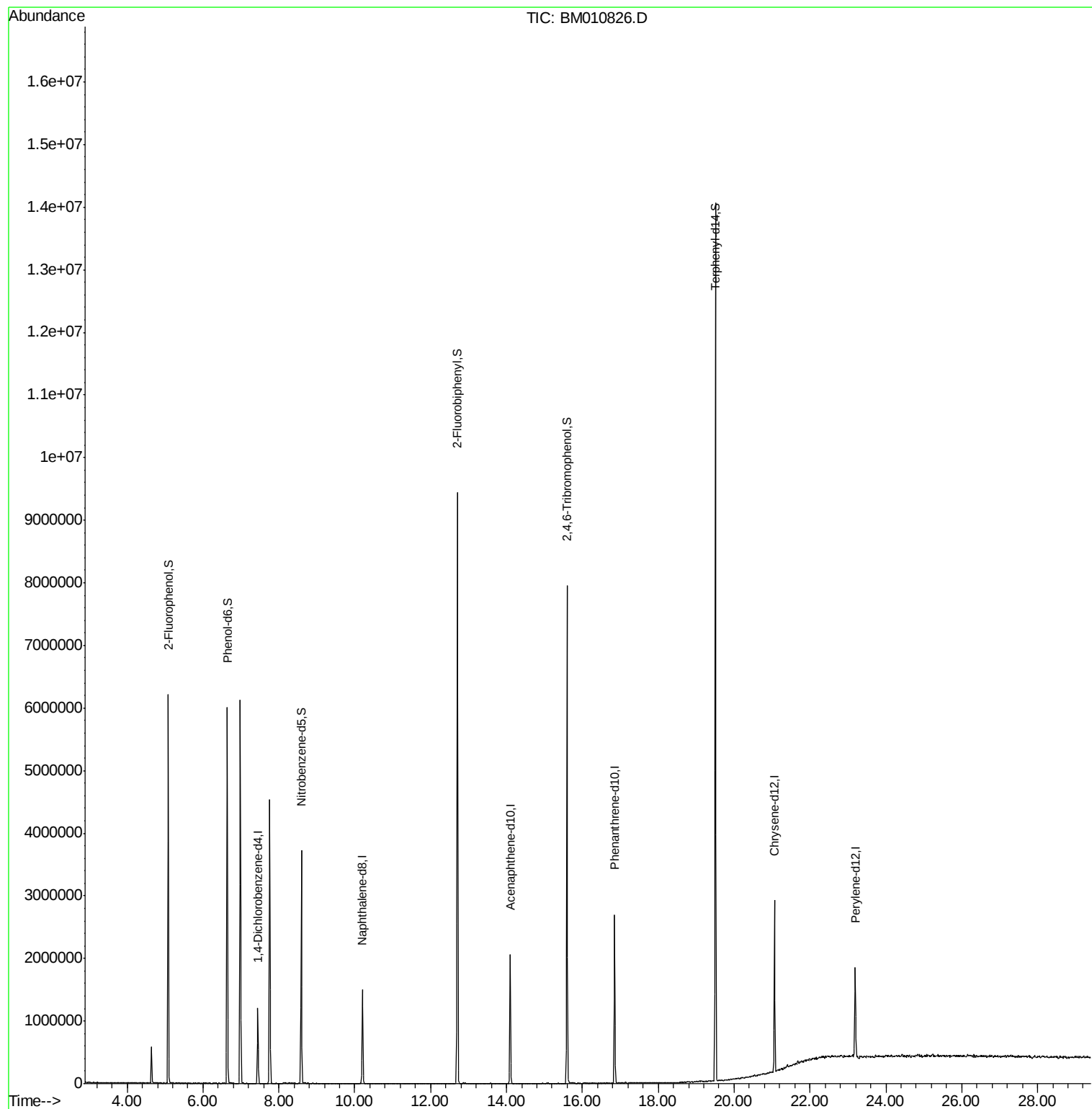
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.45 min Scan# 775

Delta R.T. -0.01 min

Lab File: BM010826.D

Acq: 13 Jul 2017 23:22

Instrument :

BNA_M

ClientSampleId :

PB100603TB

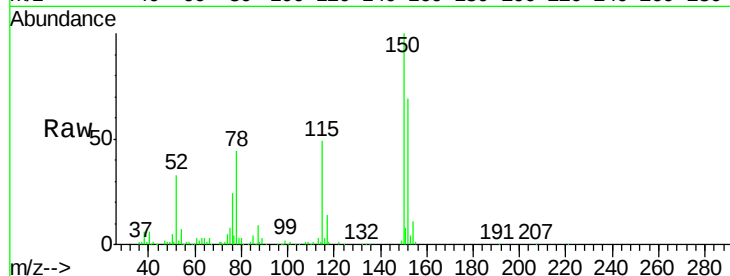
Tot Ion:152 Resp: 253223

Ion Ratio Lower Upper

152 100

150 145.6 119.5 179.3

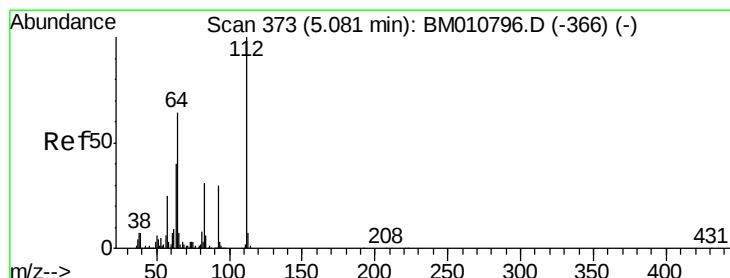
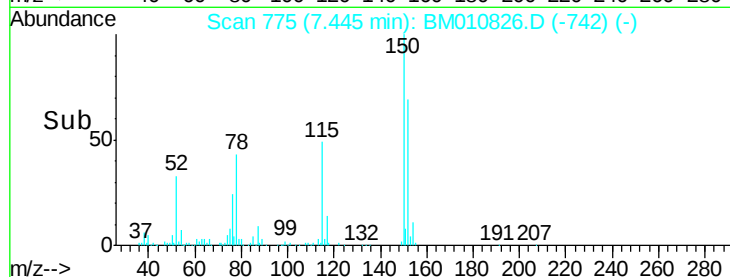
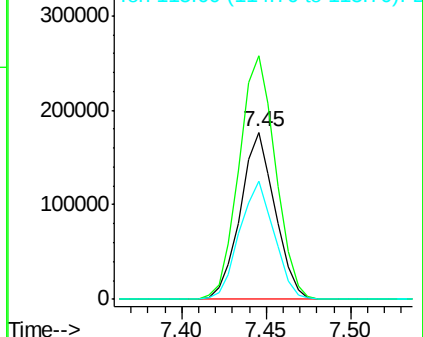
115 70.6 43.0 64.4#



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: 133.81 ng

RT: 5.09 min Scan# 374

Delta R.T. 0.01 min

Lab File: BM010826.D

Acq: 13 Jul 2017 23:22

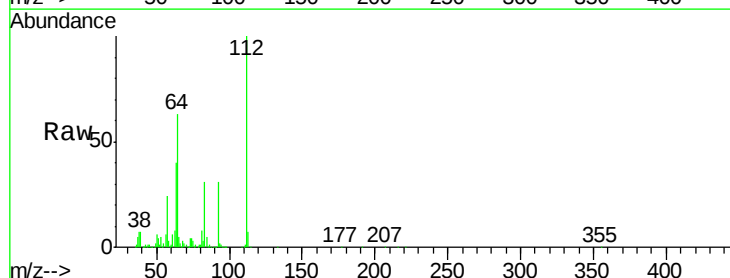
Tgt Ion:112 Resp: 2045498

Ion Ratio Lower Upper

112 100

64 62.8 38.6 57.8#

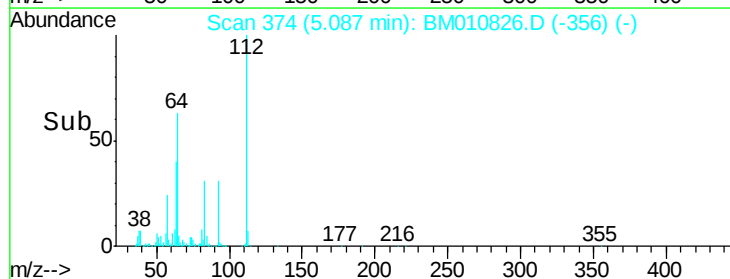
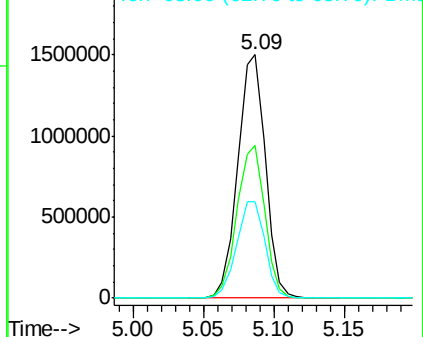
63 39.7 19.3 28.9#

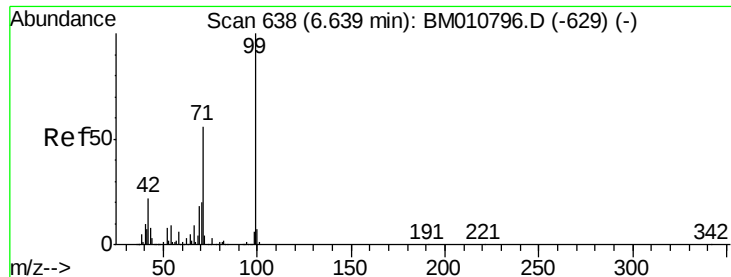


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 129.24 ng

RT: 6.64 min Scan# 638

Delta R.T. 0.00 min

Lab File: BM010826.D

Acq: 13 Jul 2017 23:22

Instrument :

BNA_M

ClientSampleId :

PB100603TB

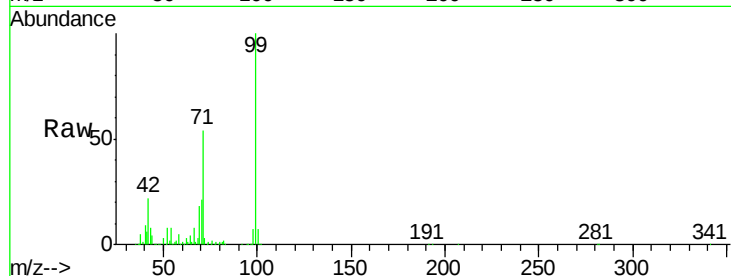
Tot Ion: 99 Resp: 2723626

Ion Ratio Lower Upper

99 100

42 22.0 11.0 16.4#

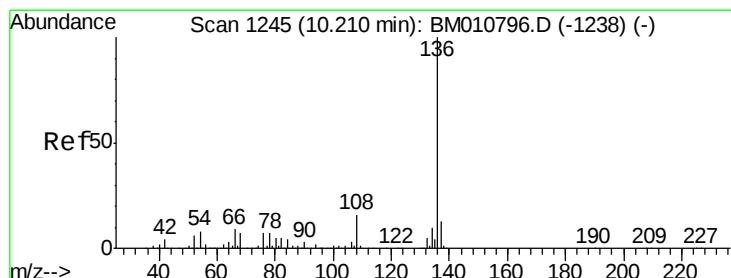
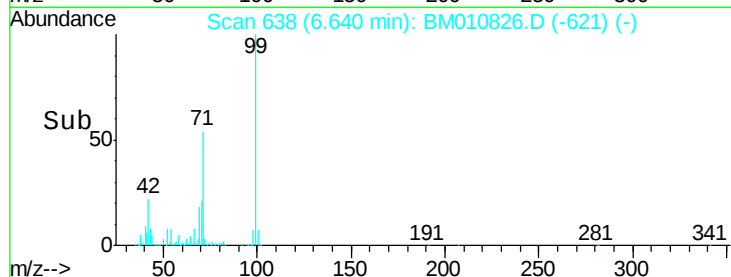
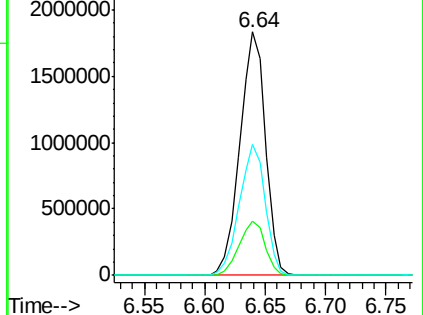
71 54.0 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010796.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM010796.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM010796.D (-629) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.20 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BM010826.D

Acq: 13 Jul 2017 23:22

Tgt Ion: 136 Resp: 974146

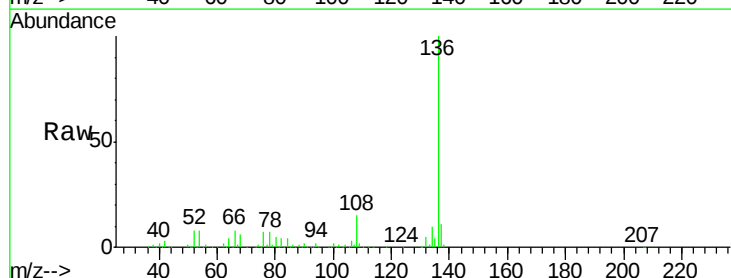
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 8.2 4.6 6.8#

68 6.0 3.7 5.5#

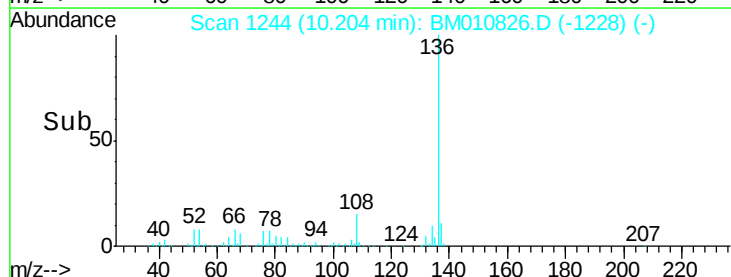
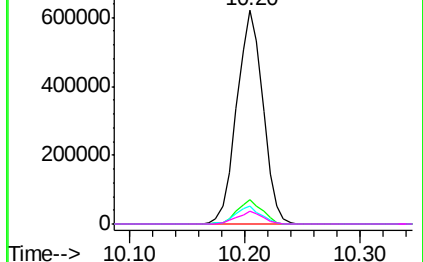


Abundance Ion 136.00 (135.70 to 136.70): BM010796.D (-1238) (-)

Ion 137.00 (136.70 to 137.70): BM010796.D (-1238) (-)

Ion 54.00 (53.70 to 54.70): BM010796.D (-1238) (-)

Ion 68.00 (67.70 to 68.70): BM010796.D (-1238) (-)

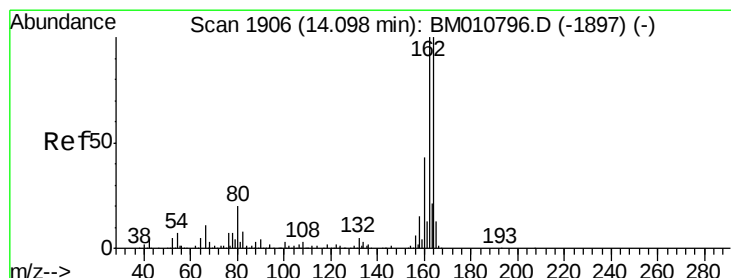
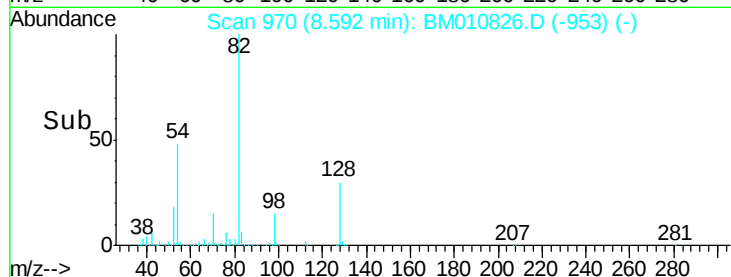
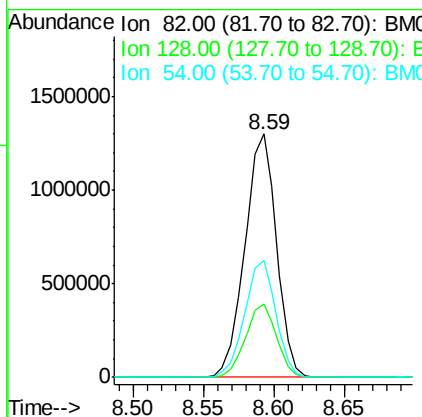
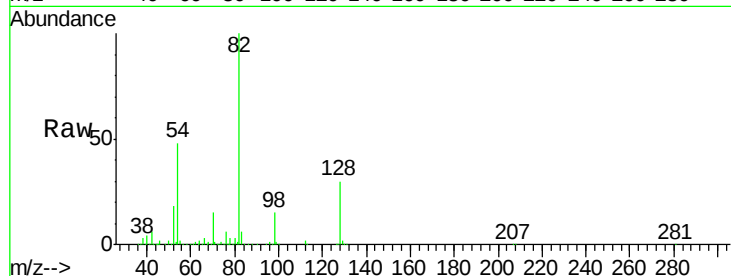




#23
 Nitrobenzene-d5
 Concen: 80.52 ng
 RT: 8.59 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: BM010826.D
 Acq: 13 Jul 2017 23:22

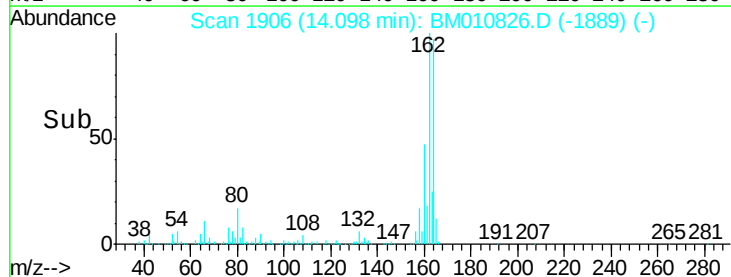
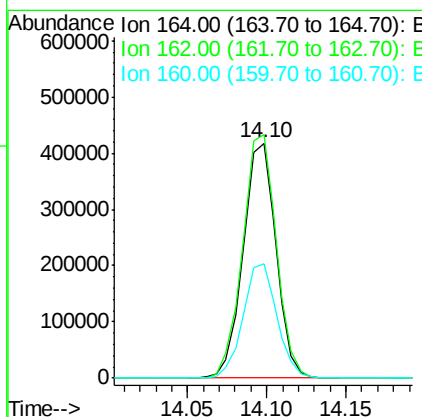
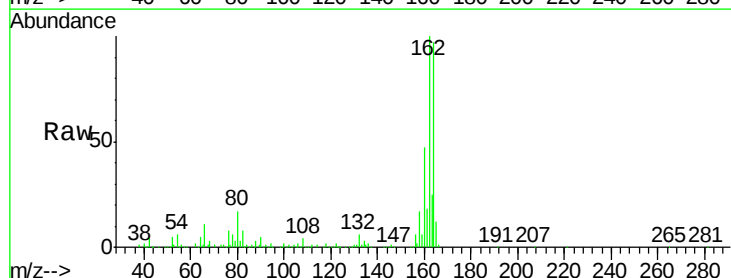
Instrument :
 BNA_M
 ClientSampleId :
 PB100603TB

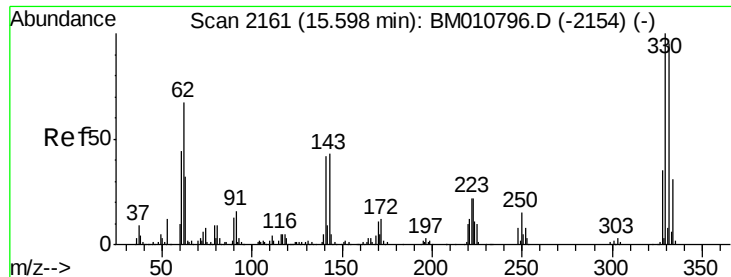
Tot Ion: 82 Resp: 2040641
 Ion Ratio Lower Upper
 82 100
 128 29.9 32.8 49.2#
 54 48.2 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.10 min Scan# 1906
 Delta R.T. 0.00 min
 Lab File: BM010826.D
 Acq: 13 Jul 2017 23:22

Tgt Ion:164 Resp: 601035
 Ion Ratio Lower Upper
 164 100
 162 103.6 82.4 123.6
 160 48.7 35.8 53.6

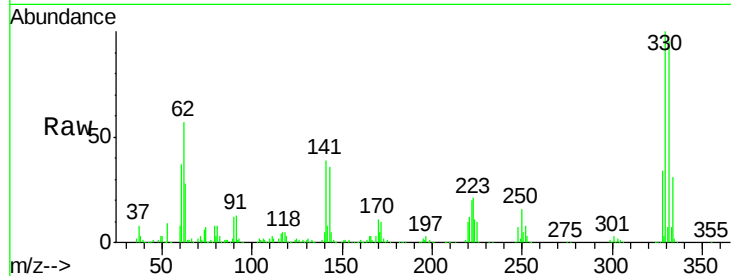




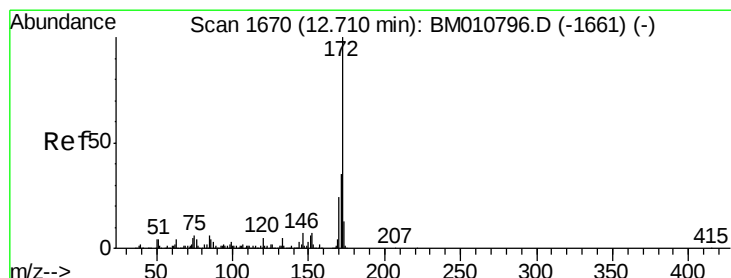
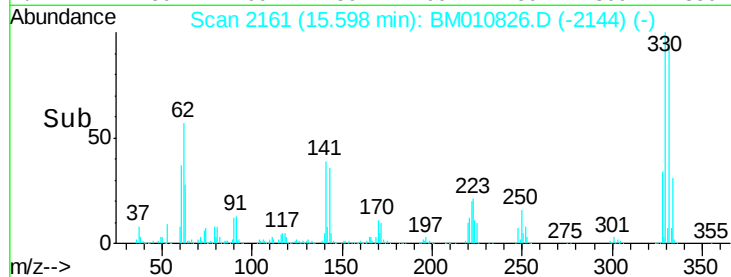
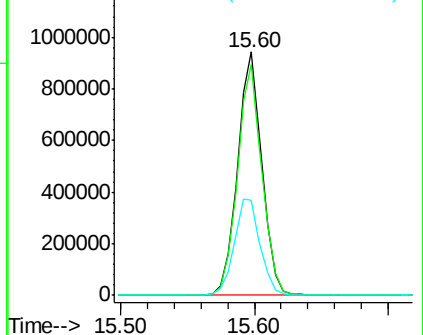
#41
 2,4,6-Tribromophenol
 Concen: 129.45 ng
 RT: 15.60 min Scan# 2161
 Delta R.T. 0.00 min
 Lab File: BM010826.D
 Acq: 13 Jul 2017 23:22

Instrument :
 BNA_M
 ClientSampleId :
 PB100603TB

Tot Ion:330 Resp: 1188975
 Ion Ratio Lower Upper
 330 100
 332 95.4 0.0 0.0#
 141 42.3 0.0 0.0#

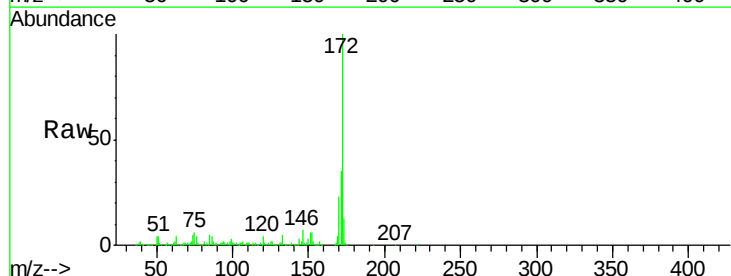


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

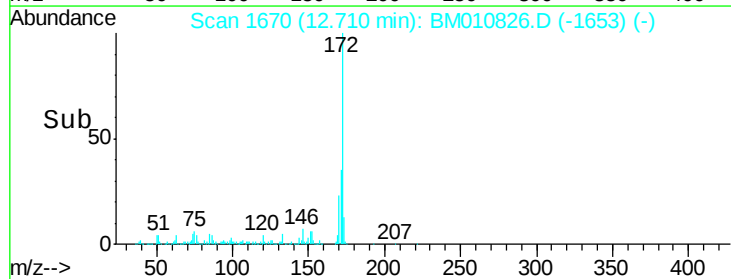
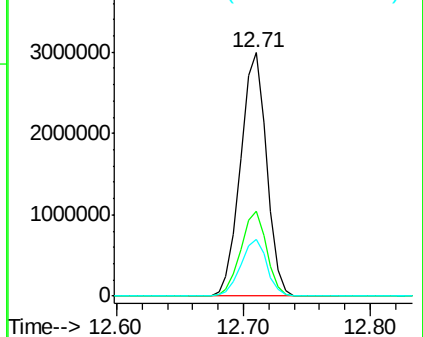


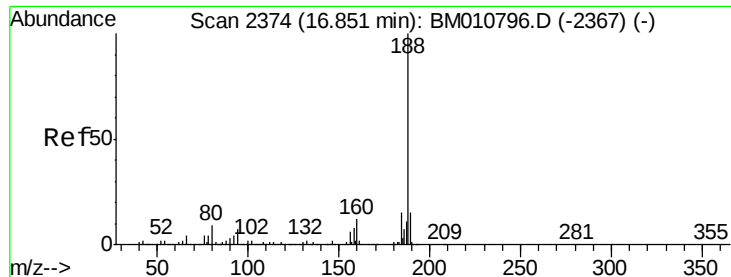
#44
 2-Fluorobiphenyl
 Concen: 87.93 ng
 RT: 12.71 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BM010826.D
 Acq: 13 Jul 2017 23:22

Tgt Ion:172 Resp: 4248169
 Ion Ratio Lower Upper
 172 100
 171 35.1 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

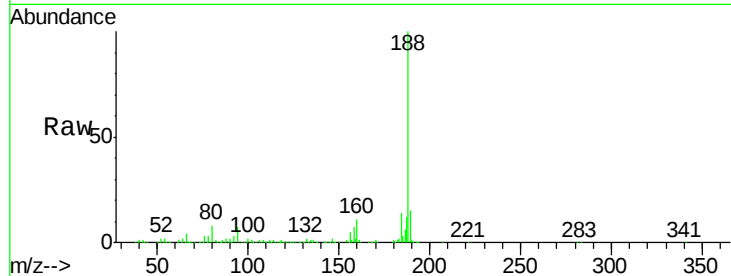




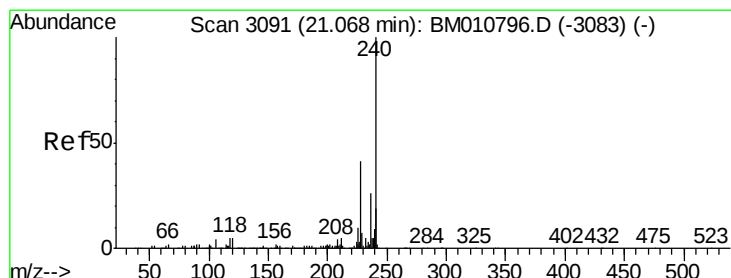
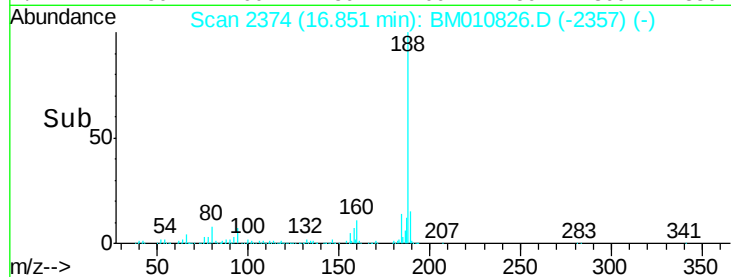
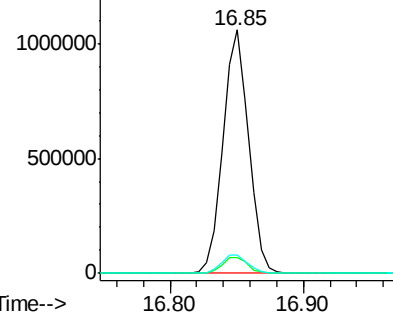
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.85 min Scan# 2374
Delta R.T. 0.00 min
Lab File: BM010826.D
Acq: 13 Jul 2017 23:22

Instrument :
BNA_M
ClientSampled :
PB100603TB

Tot Ion:188 Resp: 1406867
Ion Ratio Lower Upper
188 100
94 6.6 8.7 13.1#
80 7.5 9.3 13.9#

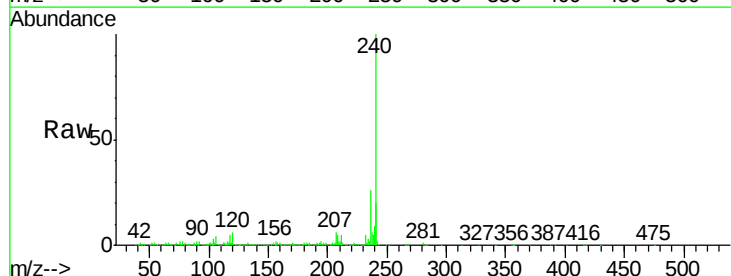


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

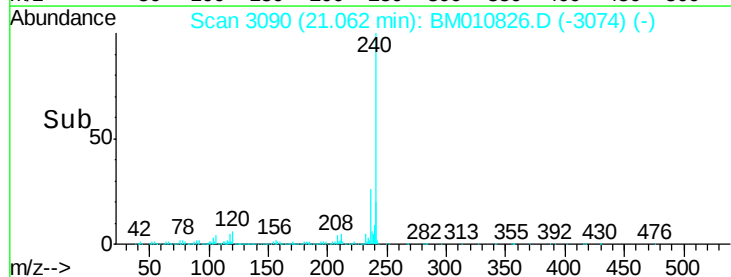
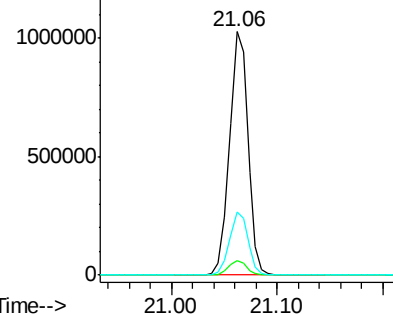


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM010826.D
Acq: 13 Jul 2017 23:22

Tgt Ion:240 Resp: 1241295
Ion Ratio Lower Upper
240 100
120 5.8 8.2 12.2#
236 25.7 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: 82.74 ng

RT: 19.51 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BM010826.D

Acq: 13 Jul 2017 23:22

Instrument :

BNA_M

ClientSampleId :

PB100603TB

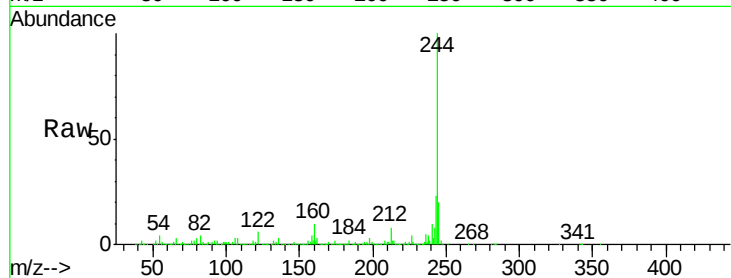
Tot Ion:244 Resp: 5309894

Ion Ratio Lower Upper

244 100

212 8.3 4.9 7.3#

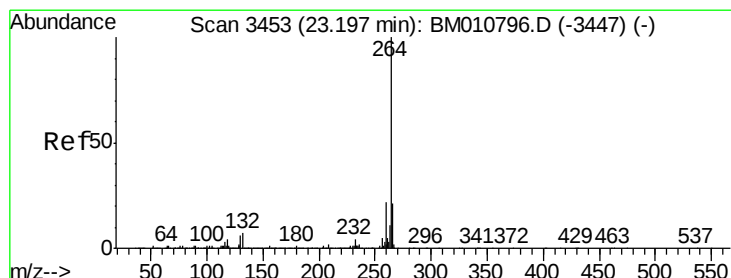
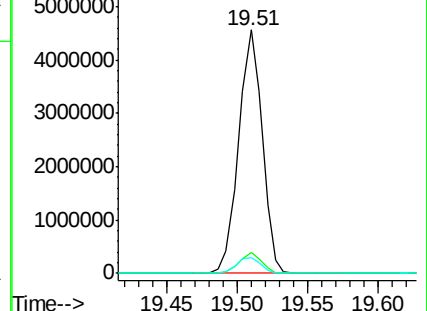
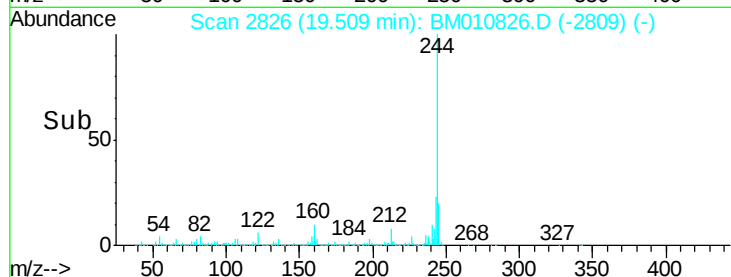
122 6.4 6.2 9.4



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: 20.00 ng

RT: 23.19 min Scan# 3452

Delta R.T. -0.01 min

Lab File: BM010826.D

Acq: 13 Jul 2017 23:22

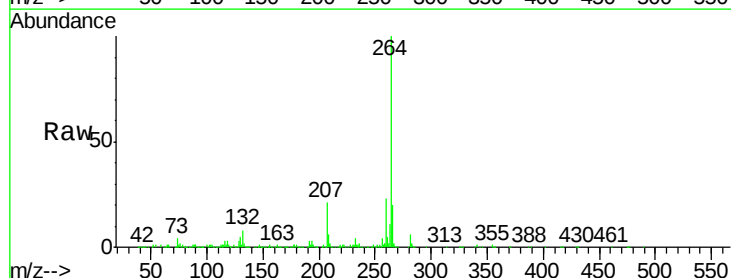
Tgt Ion:264 Resp: 1017415

Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

265 20.2 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

