

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071317\
 Data File : BM010824.D
 Acq On : 13 Jul 2017 22:10
 Operator : SJ/JU
 Sample : PB100603BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB100603BL

Quant Time: Jul 14 01:27:58 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	243621	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	892192	20.00	ng	0.00
38) Acenaphthene-d10	14.10	164	550931	20.00	ng	0.00
63) Phenanthrene-d10	16.85	188	1253386	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1212014	20.00	ng	0.00
86) Perylene-d12	23.19	264	1026284	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	2000580	136.03	ng	0.00
7) Phenol-d6	6.64	99	2634792	129.95	ng	0.00
23) Nitrobenzene-d5	8.59	82	1999090	86.13	ng	0.00
41) 2,4,6-Tribromophenol	15.60	330	1105366	131.29	ng	0.00
44) 2-Fluorobiphenyl	12.71	172	4006728	90.47	ng	0.00
78) Terphenyl-d14	19.51	244	5183937	82.72	ng	0.00

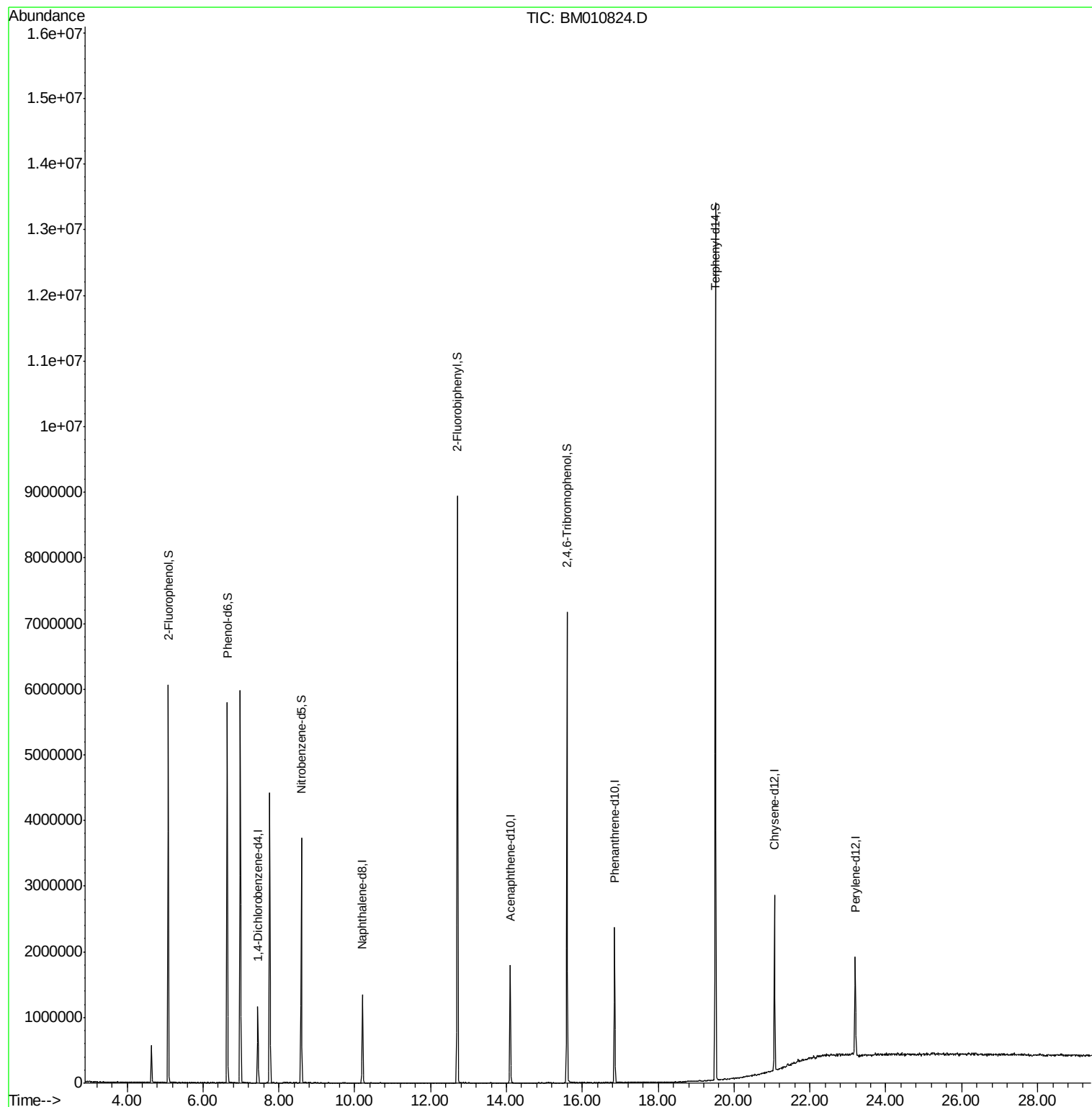
Target Compounds Qvalue

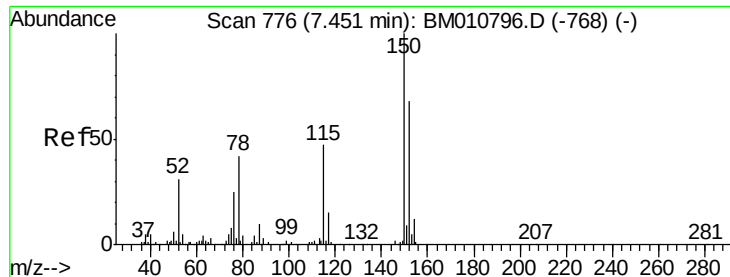
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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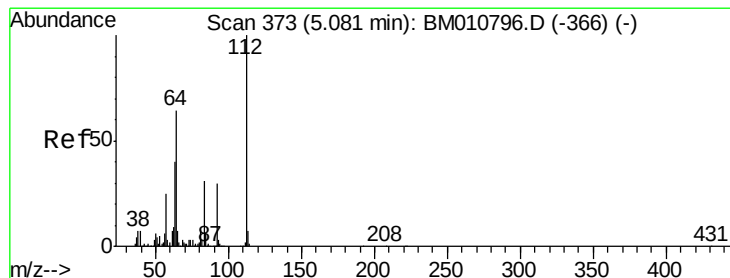
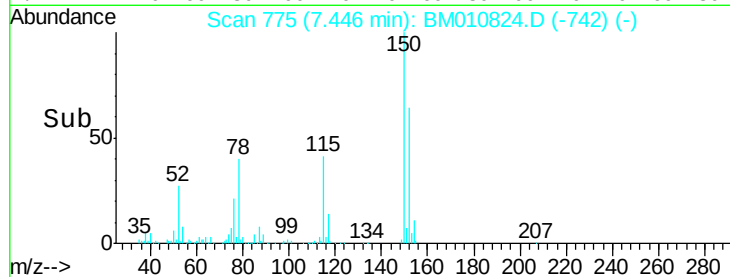
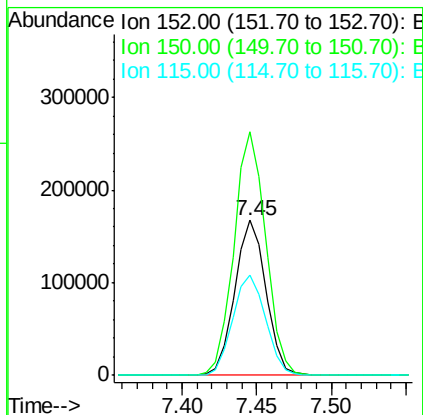
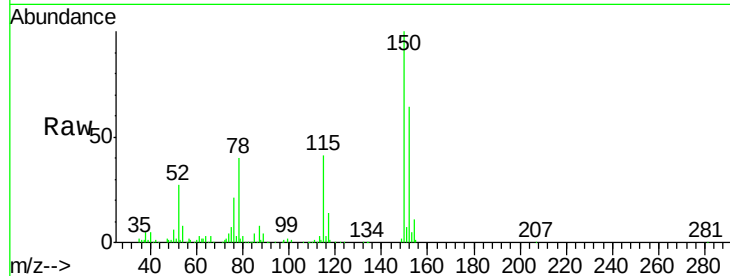


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.45 min Scan# 775
Delta R.T. -0.01 min
Lab File: BM010824.D
Acq: 13 Jul 2017 22:10

Instrument :
BNA_M
ClientSampleId :
PB100603BL

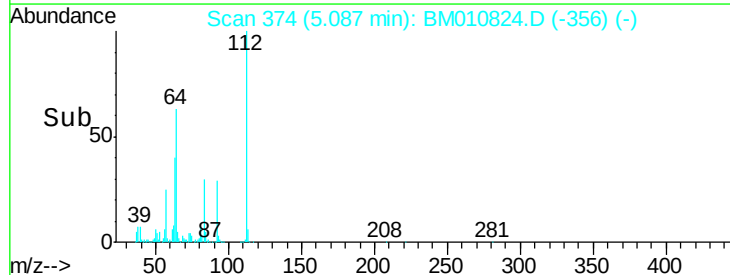
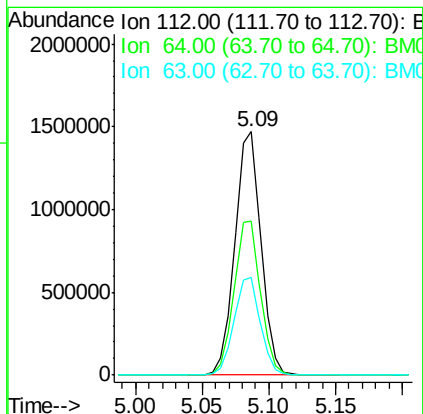
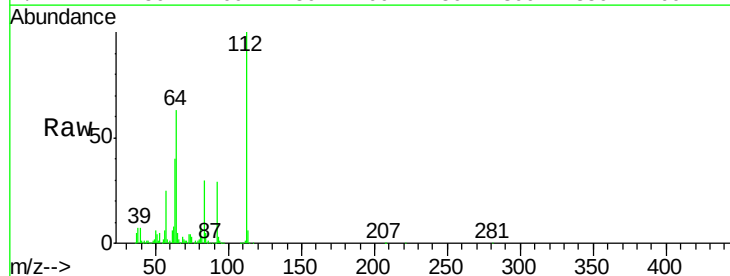
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	119.5	179.3
115	64.8	43.0	64.4

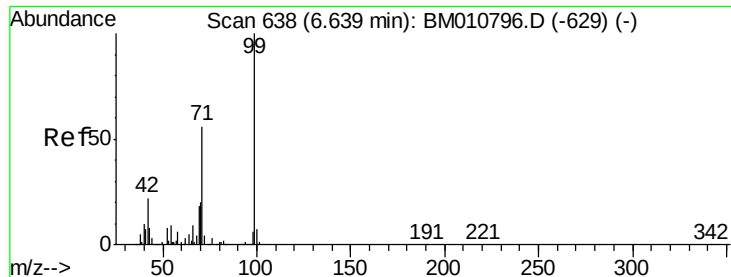


#5

2-Fluorophenol
Concen: 136.03 ng
RT: 5.09 min Scan# 374
Delta R.T. 0.01 min
Lab File: BM010824.D
Acq: 13 Jul 2017 22:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.2	38.6	57.8
63	39.9	19.3	28.9





#7

Phenol-d6

Concen: 129.95 ng

RT: 6.64 min Scan# 638

Delta R.T. 0.00 min

Lab File: BM010824.D

Acq: 13 Jul 2017 22:10

Instrument :

BNA_M

ClientSampleId :

PB100603BL

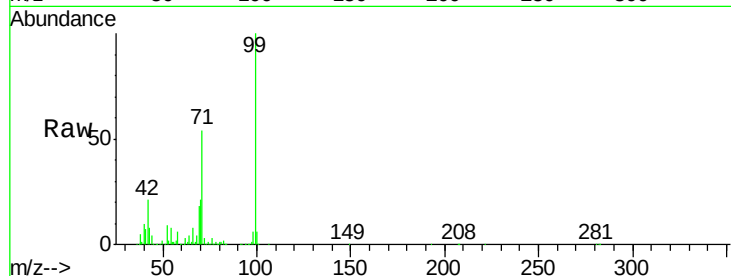
Tot Ion: 99 Resp: 2634792

Ion Ratio Lower Upper

99 100

42 21.4 11.0 16.4#

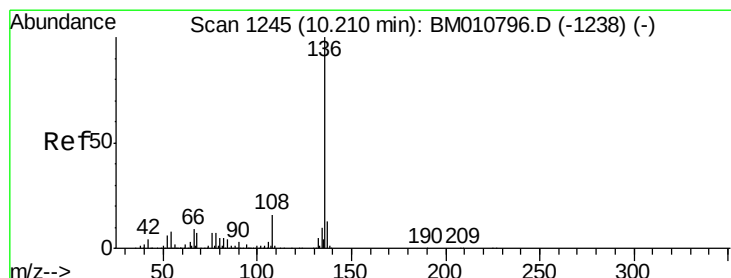
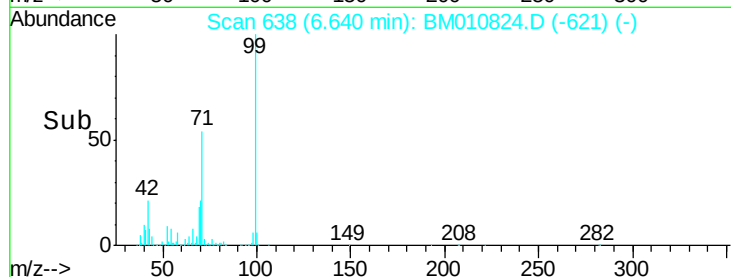
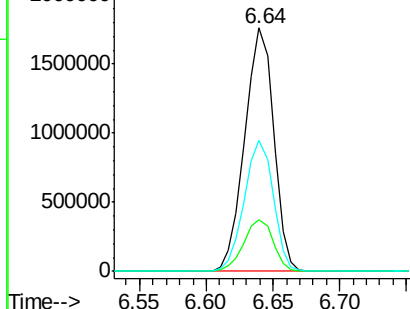
71 53.9 23.4 35.2#



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: BM010824.D

Acq: 13 Jul 2017 22:10

Tgt Ion: 136 Resp: 892192

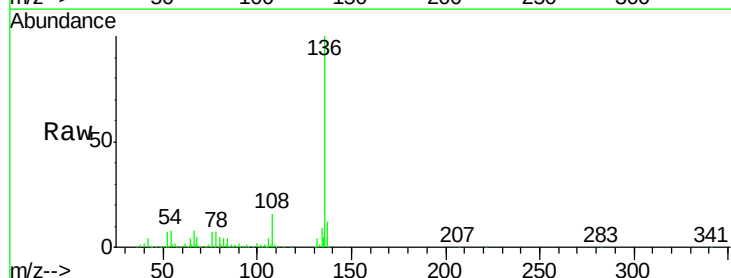
Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 7.6 4.6 6.8#

68 5.0 3.7 5.5

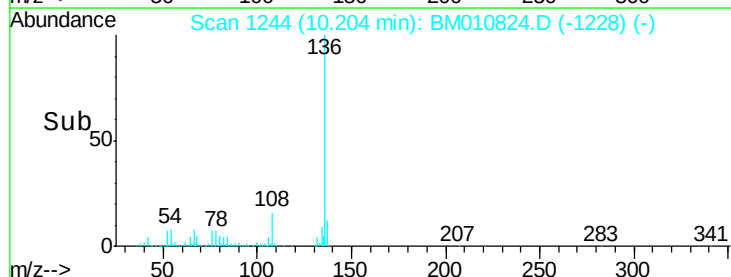
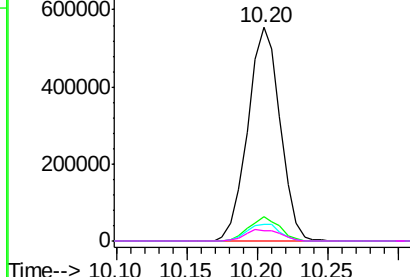


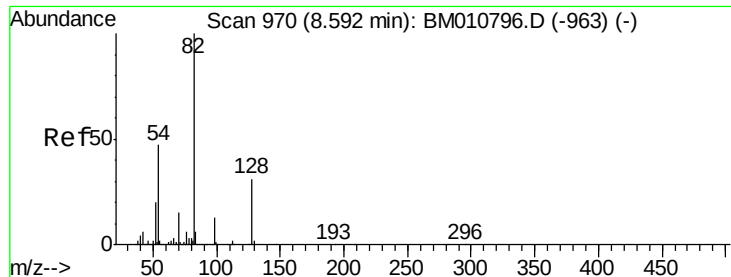
Abundance Ion 136.00 (135.70 to 136.70): BM010796.D (-1238) (-)

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) (-)

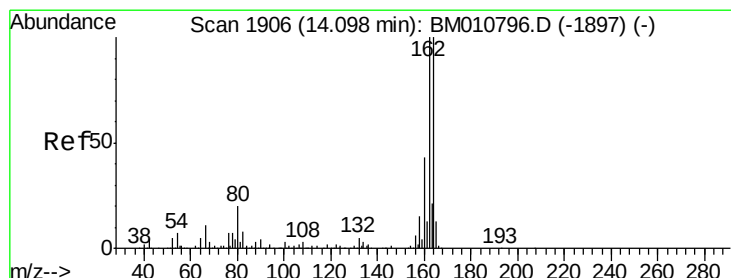
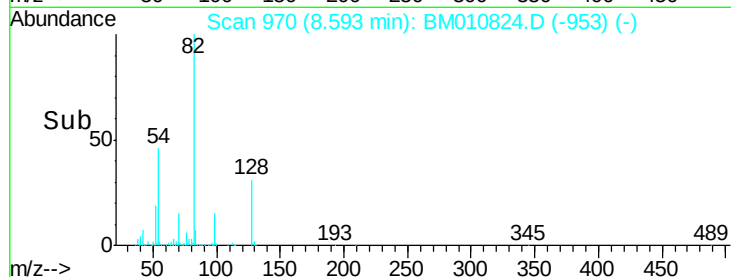
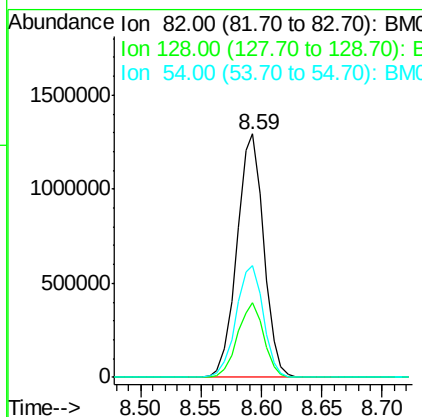
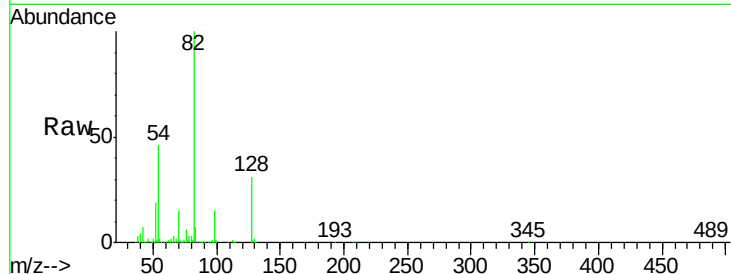




#23
 Nitrobenzene-d5
 Concen: 86.13 ng
 RT: 8.59 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: BM010824.D
 Acq: 13 Jul 2017 22:10

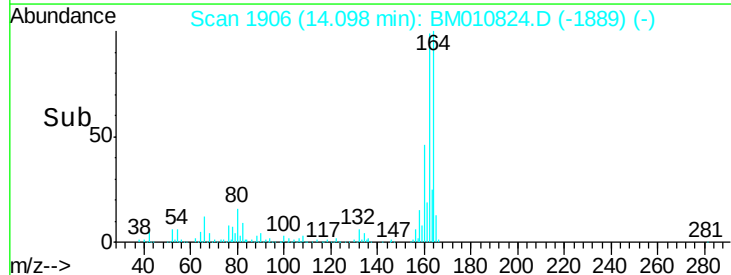
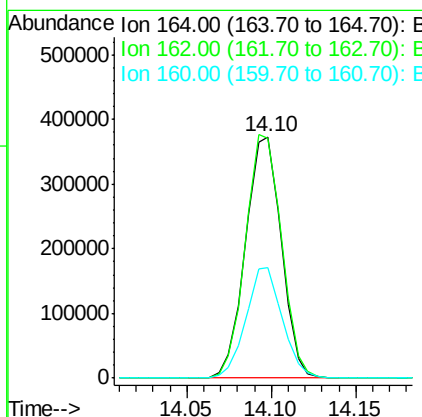
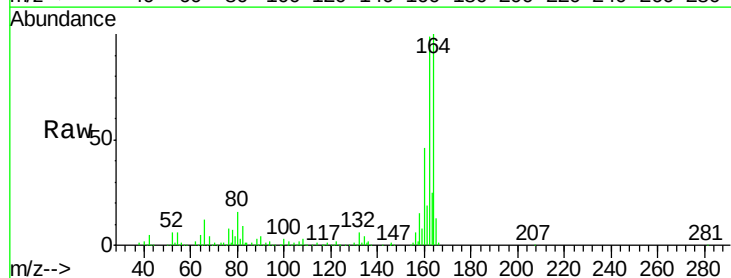
Instrument :
 BNA_M
 ClientSampleId :
 PB100603BL

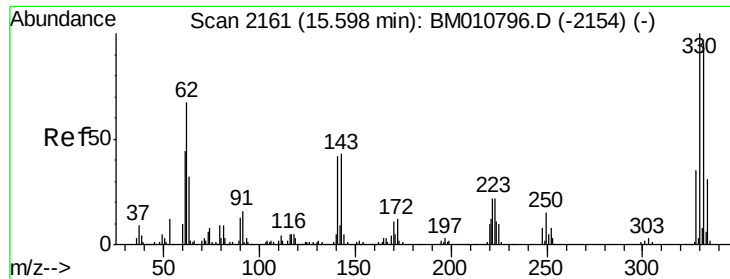
Tot Ion: 82 Resp: 1999090
 Ion Ratio Lower Upper
 82 100
 128 30.6 32.8 49.2#
 54 45.8 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.10 min Scan# 1906
 Delta R.T. 0.00 min
 Lab File: BM010824.D
 Acq: 13 Jul 2017 22:10

Tgt Ion:164 Resp: 550931
 Ion Ratio Lower Upper
 164 100
 162 99.2 82.4 123.6
 160 45.6 35.8 53.6

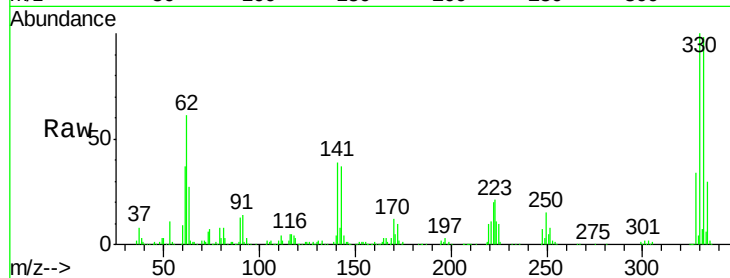




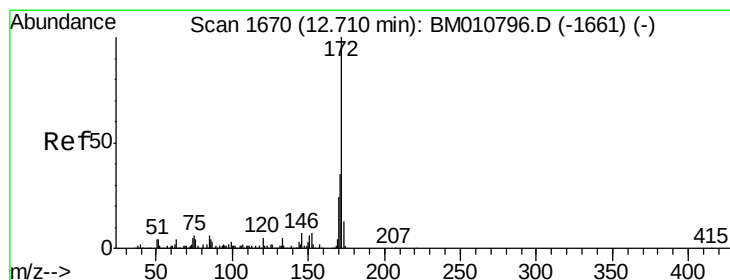
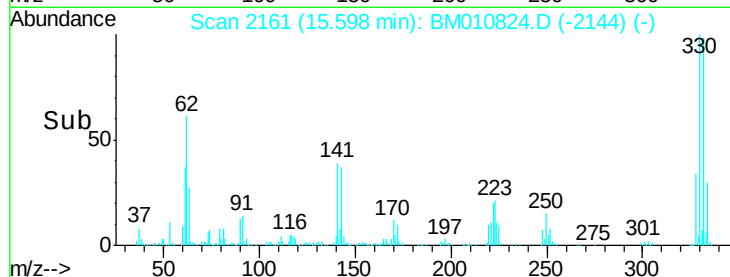
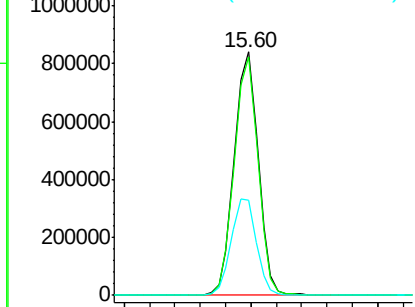
#41
 2,4,6-Tribromophenol
 Concen: 131.29 ng
 RT: 15.60 min Scan# 2161
 Delta R.T. 0.00 min
 Lab File: BM010824.D
 Acq: 13 Jul 2017 22:10

Instrument :
 BNA_M
 ClientSampleId :
 PB100603BL

Tot Ion:330 Resp: 1105366
 Ion Ratio Lower Upper
 330 100
 332 96.7 0.0 0.0#
 141 41.5 0.0 0.0#

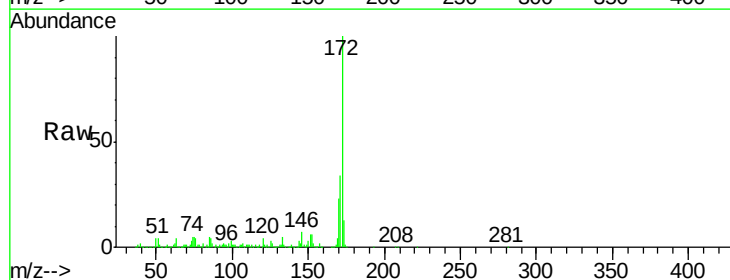


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

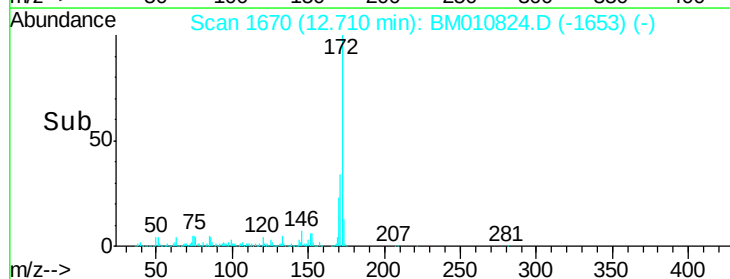
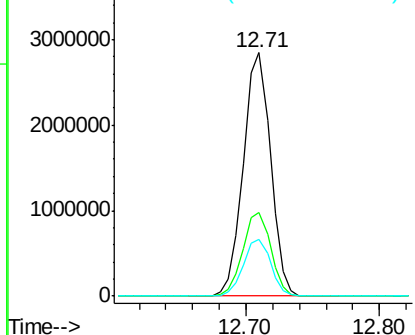


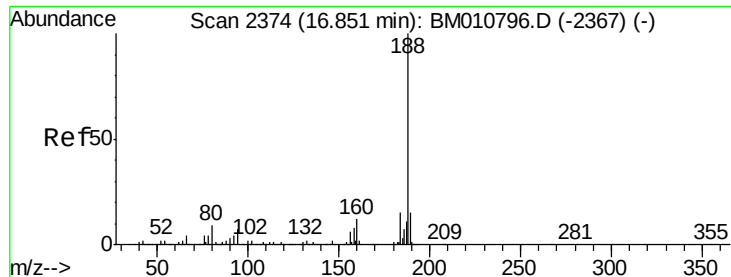
#44
 2-Fluorobiphenyl
 Concen: 90.47 ng
 RT: 12.71 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BM010824.D
 Acq: 13 Jul 2017 22:10

Tgt Ion:172 Resp: 4006728
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.5 42.7
 170 23.4 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

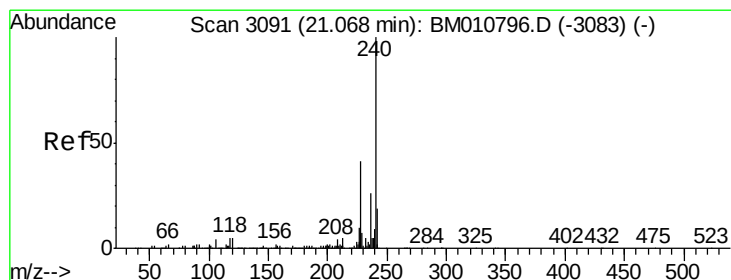
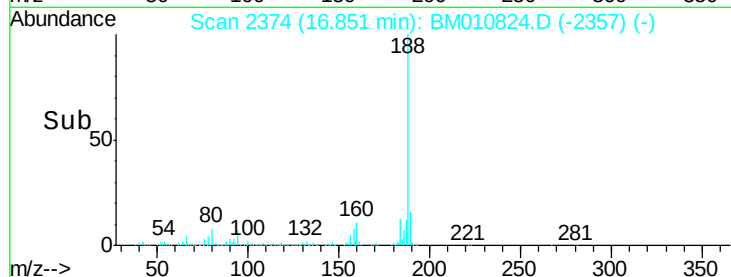
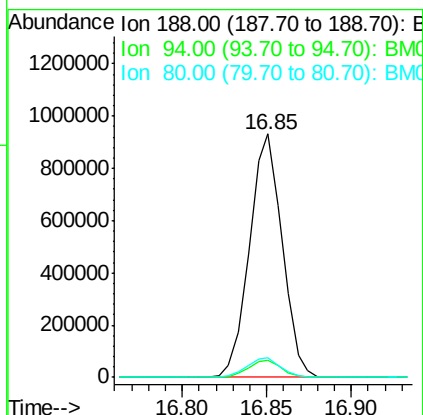
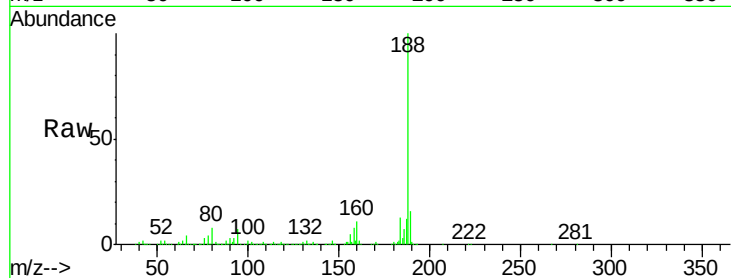




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.85 min Scan# 2374
Delta R.T. 0.00 min
Lab File: BM010824.D
Acq: 13 Jul 2017 22:10

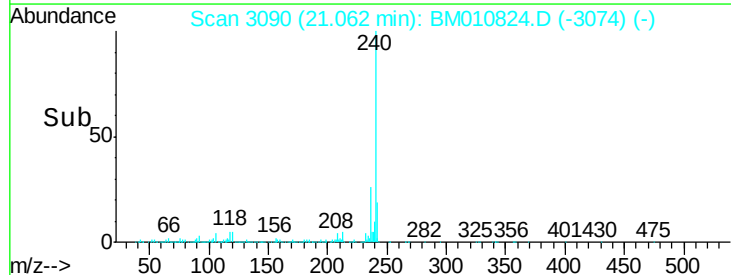
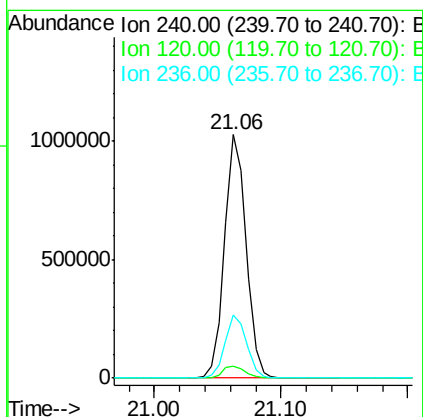
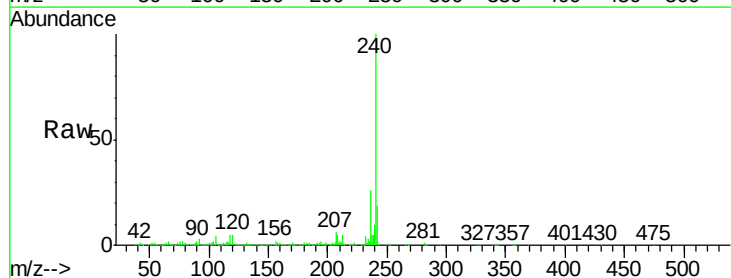
Instrument :
BNA_M
ClientSampleId :
PB100603BL

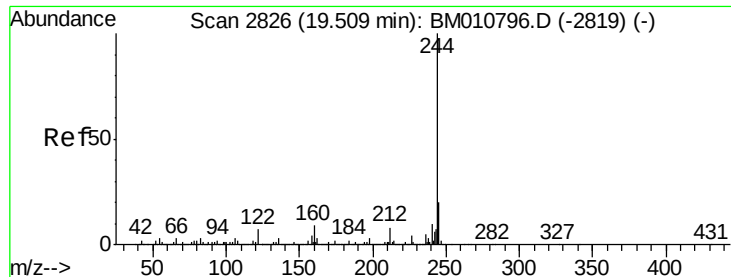
Tot Ion:188 Resp: 1253386
Ion Ratio Lower Upper
188 100
94 7.1 8.7 13.1#
80 8.1 9.3 13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM010824.D
Acq: 13 Jul 2017 22:10

Tgt Ion:240 Resp: 1212014
Ion Ratio Lower Upper
240 100
120 5.0 8.2 12.2#
236 25.7 20.0 30.0





#78

Terphenyl-d14

Concen: 82.72 ng

RT: 19.51 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BM010824.D

Acq: 13 Jul 2017 22:10

Instrument :

BNA_M

ClientSampleId :

PB100603BL

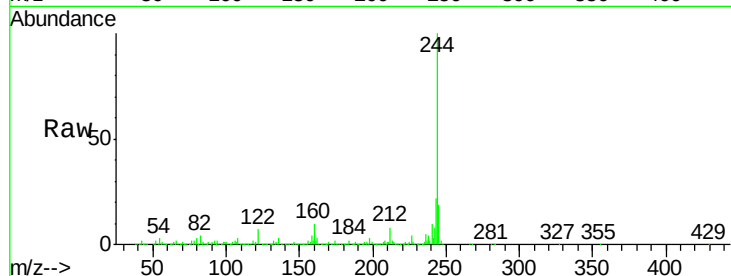
Tot Ion:244 Resp: 5183937

Ion Ratio Lower Upper

244 100

212 8.3 4.9 7.3#

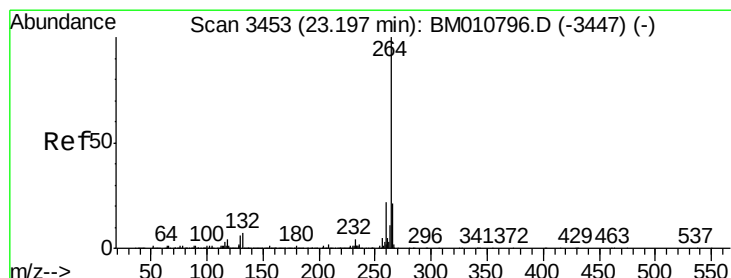
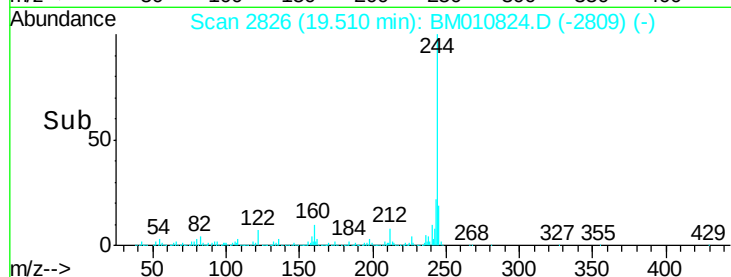
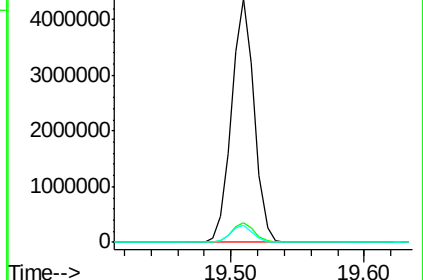
122 7.0 6.2 9.4



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: BM010824.D

Acq: 13 Jul 2017 22:10

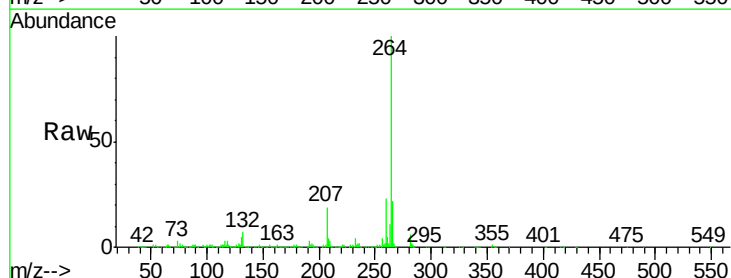
Tgt Ion:264 Resp: 1026284

Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 21.7 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

