

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

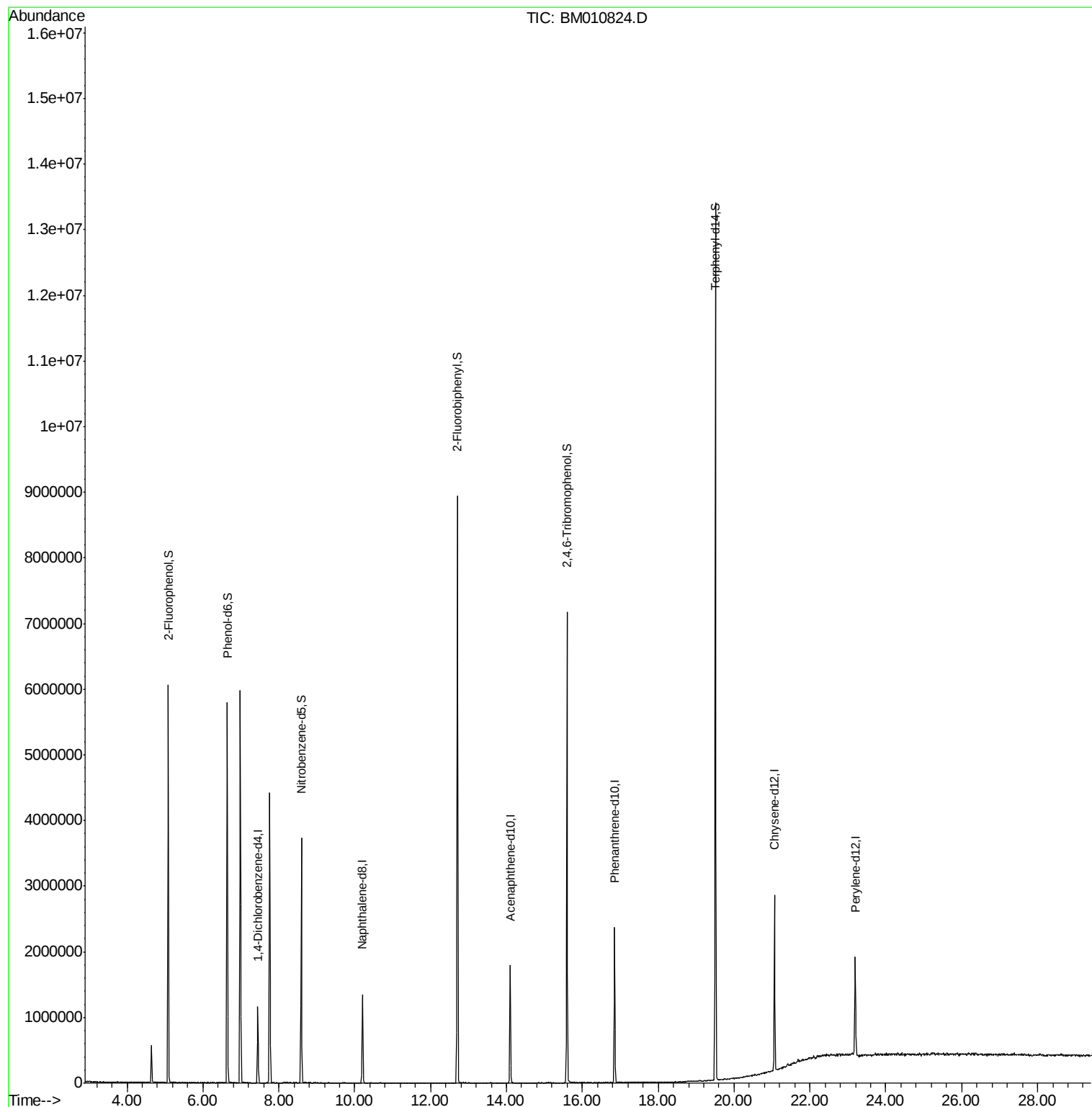
Target Compounds	Qvalue
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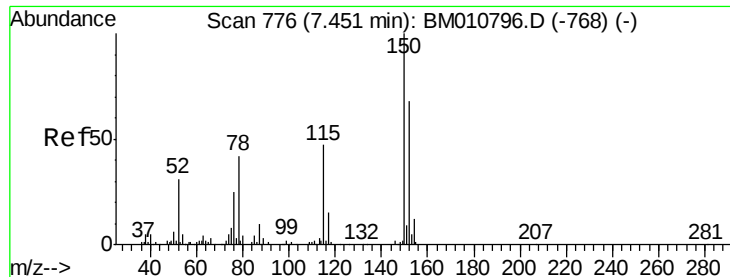
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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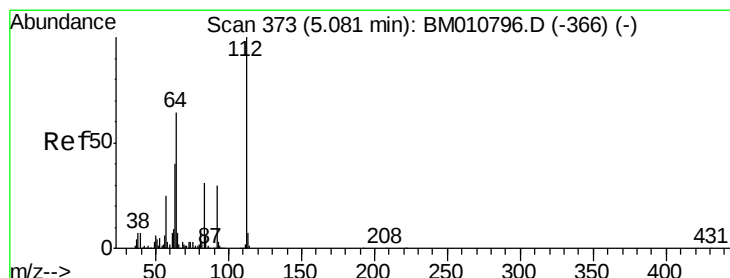
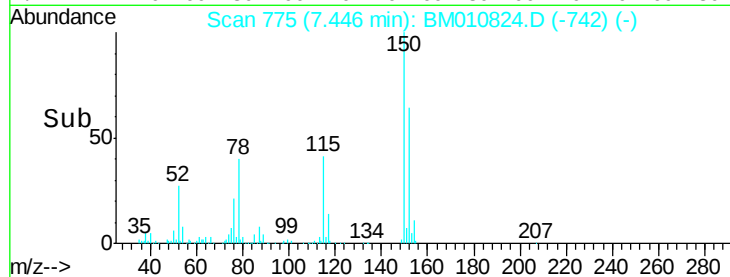
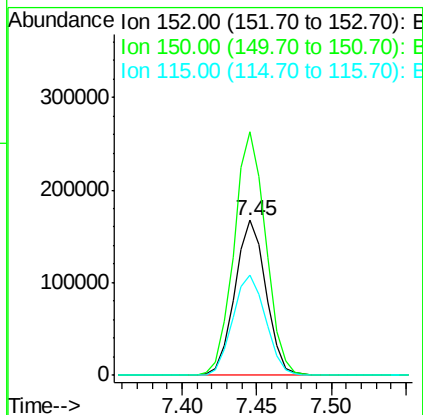
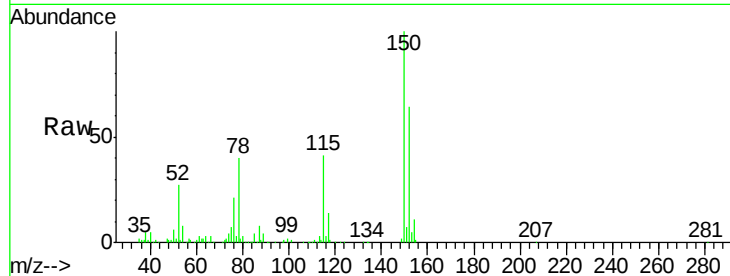


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 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

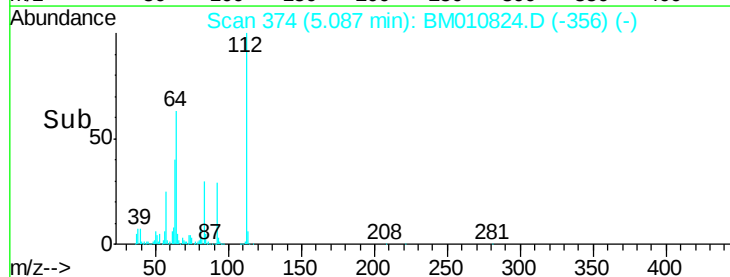
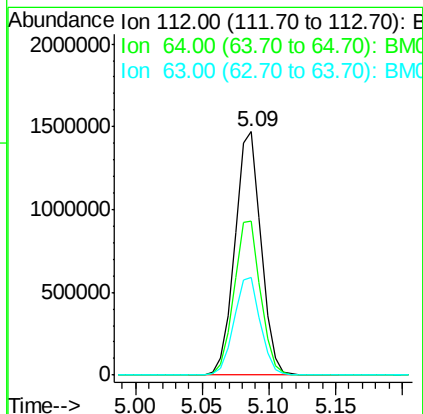
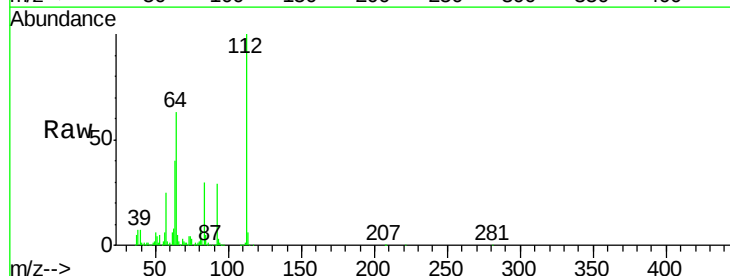
Tgt Ion:152 Resp: 243621
Ion Ratio Lower Upper
152 100
150 157.1 119.5 179.3
115 64.8 43.0 64.4#

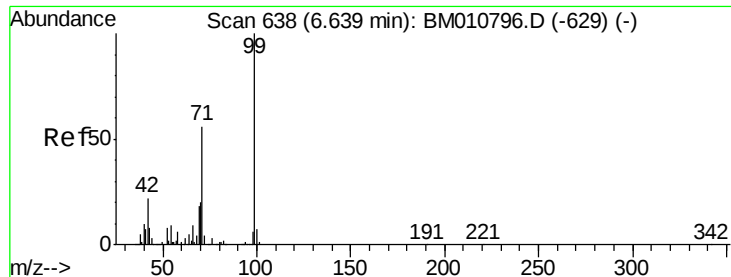


#5

2-Fluorophenol
Concen: 136.029 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:112 Resp: 2000580
Ion Ratio Lower Upper
112 100
64 63.2 38.6 57.8#
63 39.9 19.3 28.9#





#7

Phenol-d6

Concen: 129.953 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

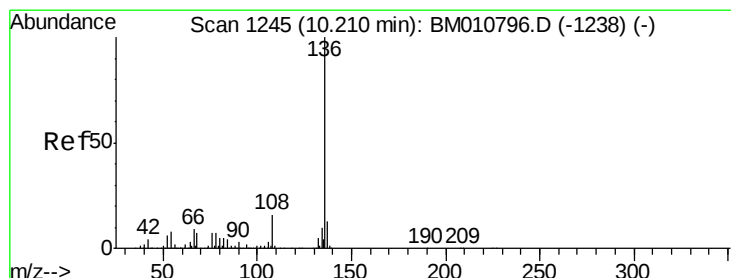
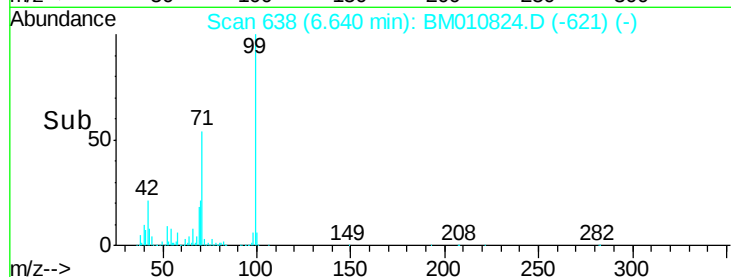
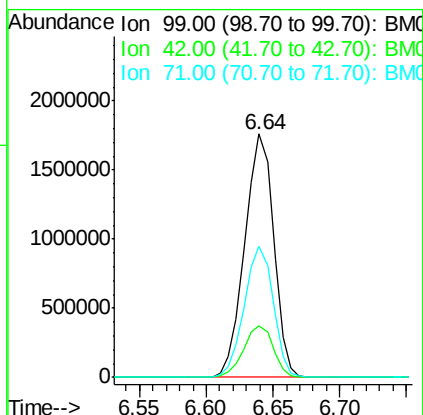
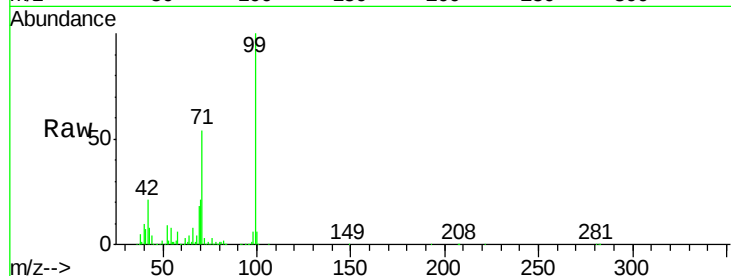
Tgt Ion: 99 Resp: 2634792

Ion Ratio Lower Upper

99 100

42 21.4 11.0 16.4#

71 53.9 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 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

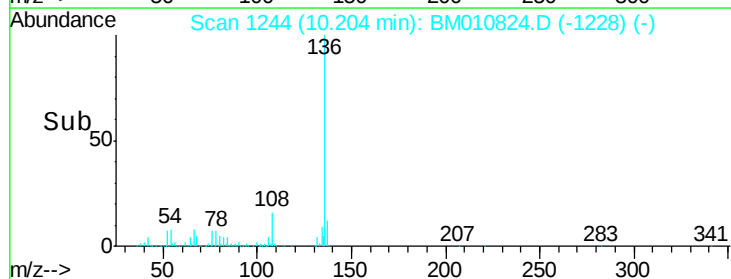
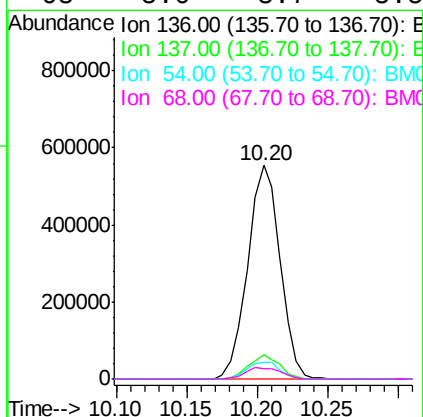
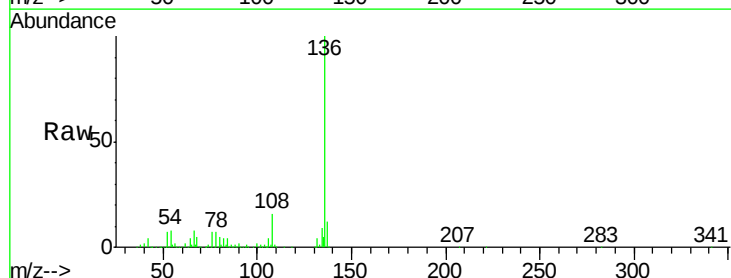
Ion Ratio Lower Upper

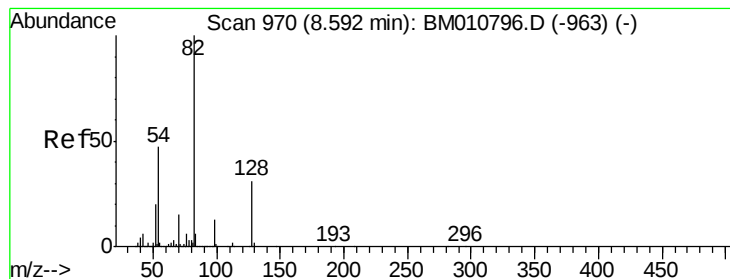
136 100

137 11.6 8.7 13.1

54 7.6 4.6 6.8#

68 5.0 3.7 5.5





#23

Nitrobenzene-d5

Concen: 86.125 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

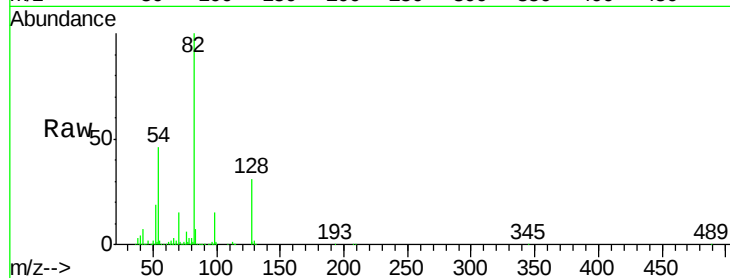
Tgt Ion: 82 Resp: 1999090

Ion Ratio Lower Upper

82 100

128 30.6 32.8 49.2#

54 45.8 40.6 60.8

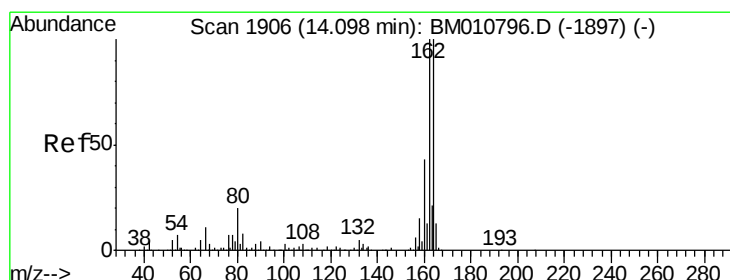
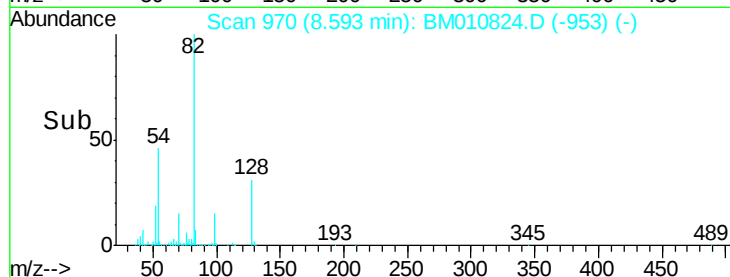


Abundance Ion 82.00 (81.70 to 82.70): BM010796.D (-963) (-)

Ion 128.00 (127.70 to 128.70): BM010796.D (-963) (-)

Ion 54.00 (53.70 to 54.70): BM010796.D (-963) (-)

Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.10 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BM010824.D

Acq: 13 Jul 2017 22:10

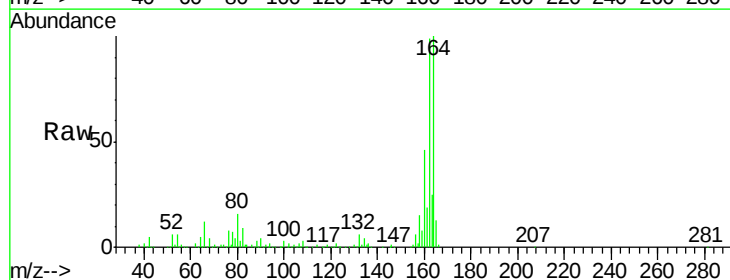
Tgt Ion: 164 Resp: 550931

Ion Ratio Lower Upper

164 100

162 99.2 82.4 123.6

160 45.6 35.8 53.6

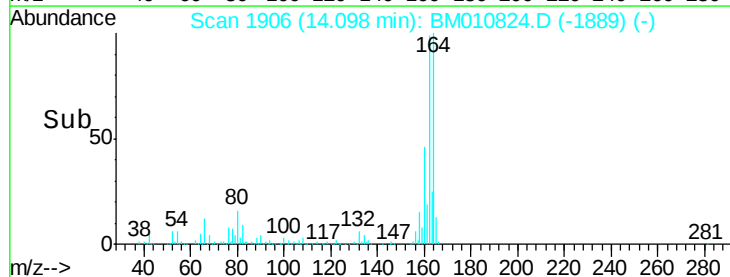


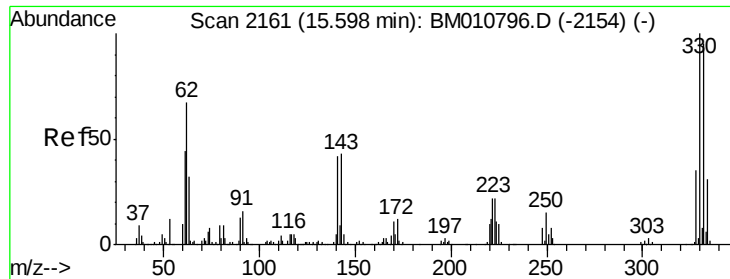
Abundance Ion 164.00 (163.70 to 164.70): BM010796.D (-1897) (-)

Ion 162.00 (161.70 to 162.70): BM010796.D (-1897) (-)

Ion 160.00 (159.70 to 160.70): BM010796.D (-1897) (-)

Time-->





#41

2,4,6-Tribromophenol

Concen: 131.290 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

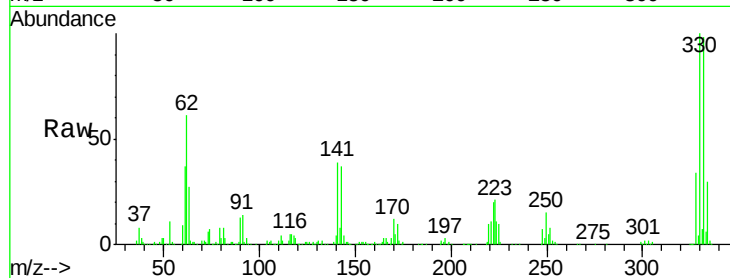
Tgt Ion:330 Resp: 1105366

Ion Ratio Lower Upper

330 100

332 96.7 0.0 0.0#

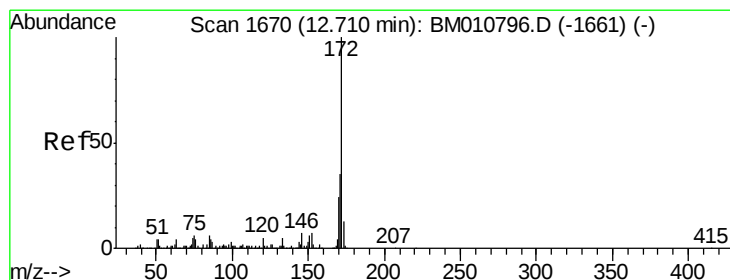
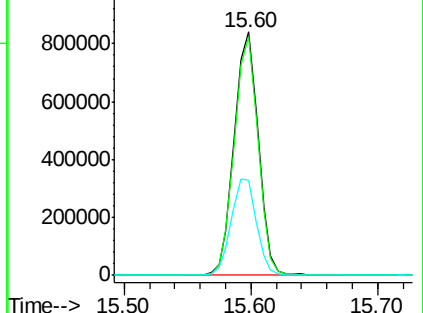
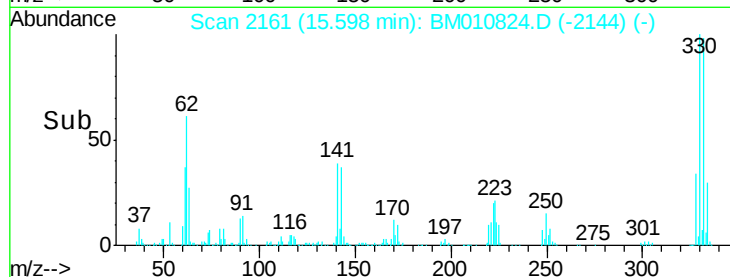
141 41.5 0.0 0.0#



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: 90.474 ng

RT: 12.71 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BM010824.D

Acq: 13 Jul 2017 22:10

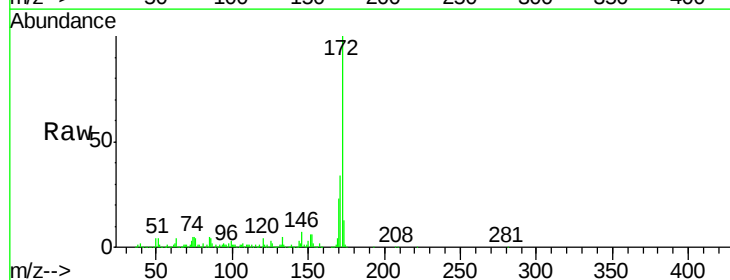
Tgt Ion:172 Resp: 4006728

Ion Ratio Lower Upper

172 100

171 34.4 28.5 42.7

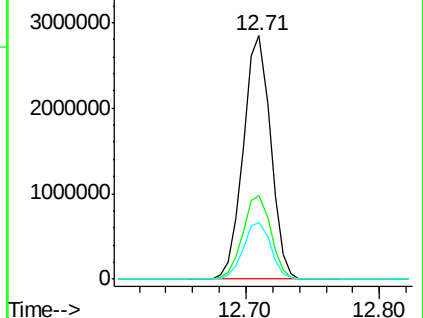
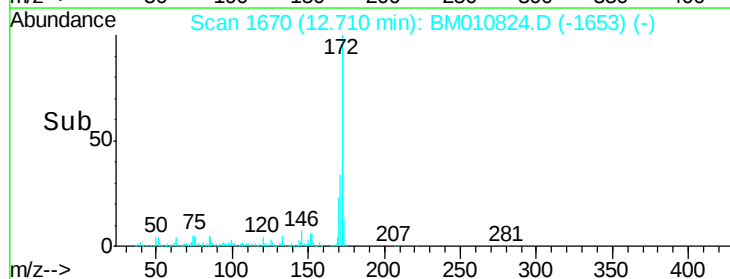
170 23.4 18.8 28.2

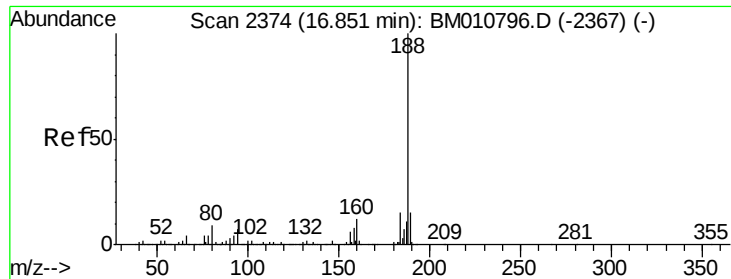


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

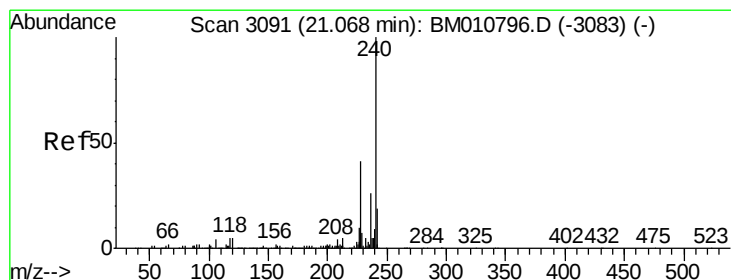
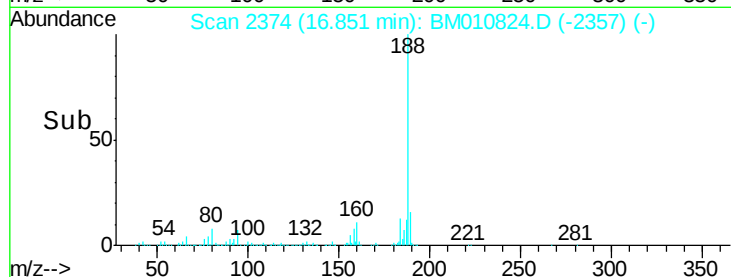
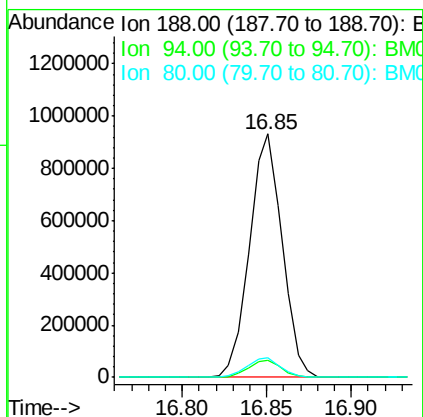
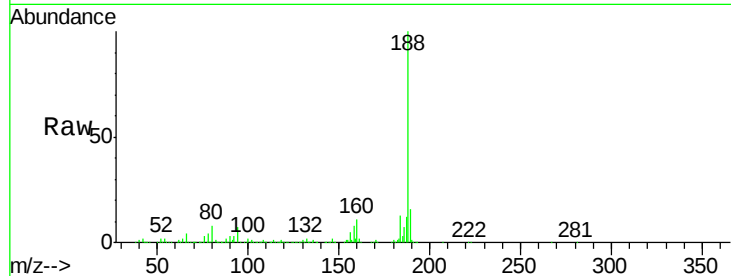




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.85 min Scan# 2374
Delta R.T. 0.00 min
Lab File: BM010824.D
Acq: 13 Jul 2017 22:10

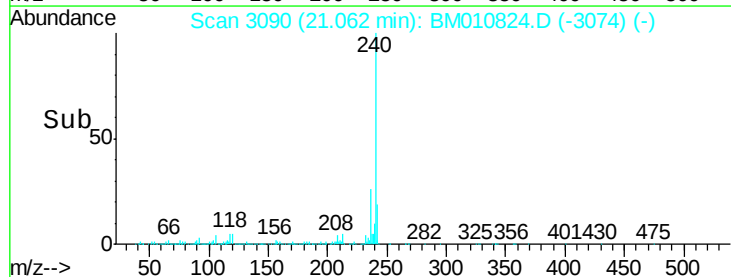
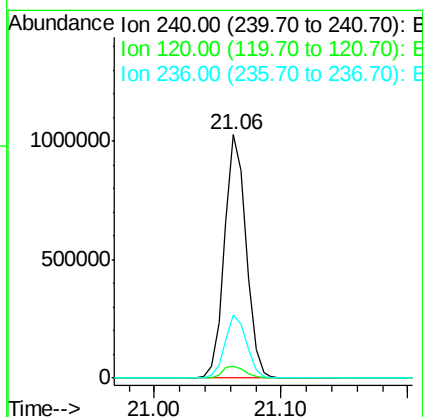
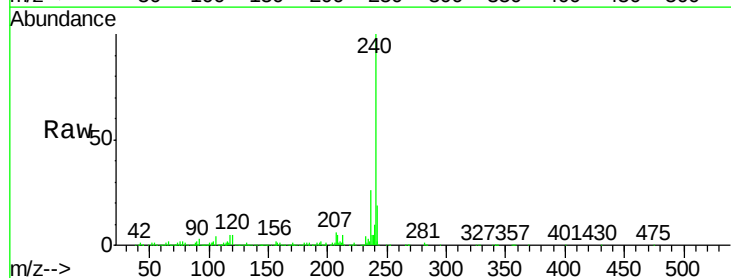
Instrument :
BNA_M
ClientSampleId :
PB100603BL

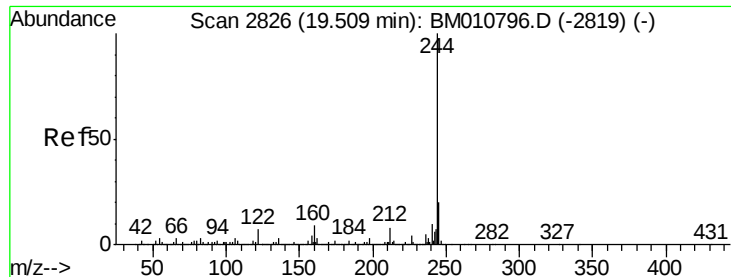
Tgt Ion:188 Resp: 1253386
Ion Ratio Lower Upper
188 100
94 7.1 8.7 13.1#
80 8.1 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 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: 82.724 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

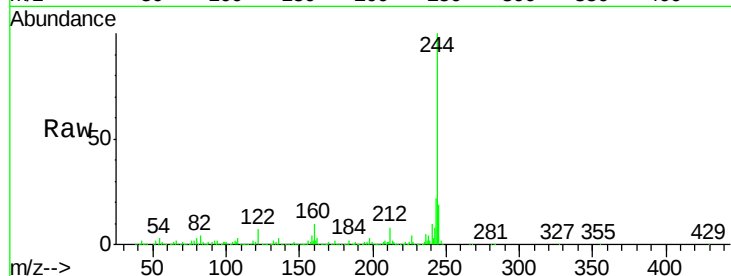
Tgt Ion:244 Resp: 5183937

Ion Ratio Lower Upper

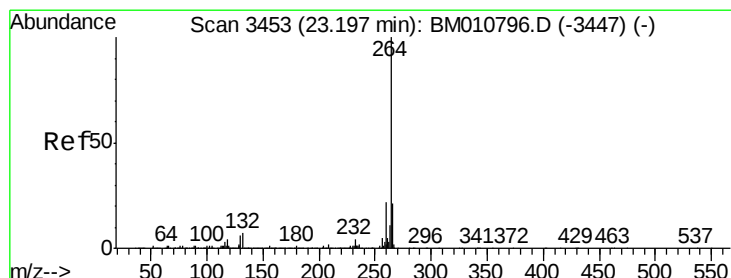
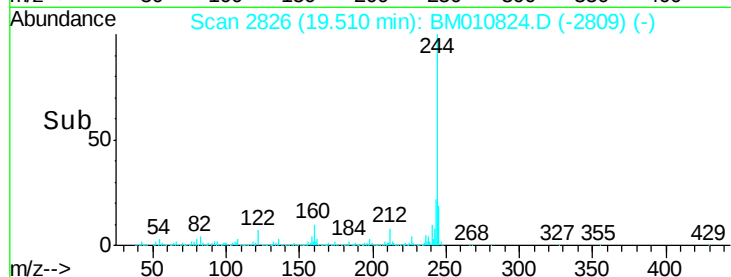
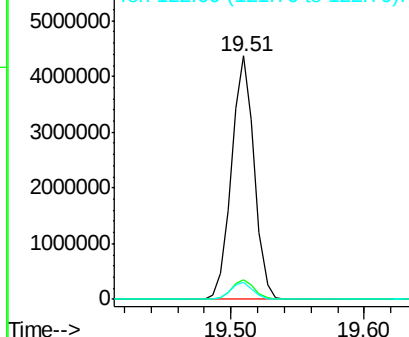
244 100

212 8.3 4.9 7.3#

122 7.0 6.2 9.4



Abundance Ion 244.00 (243.70 to 244.70): E
6000000
Ion 212.00 (211.70 to 212.70): E
5000000
Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.19 min Scan# 3452

Delta R.T. -0.01 min

Lab File: BM010824.D

Acq: 13 Jul 2017 22:10

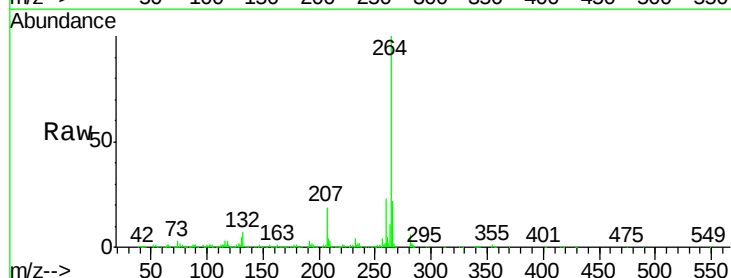
Tgt Ion:264 Resp: 1026284

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
800000
Ion 260.00 (259.70 to 260.70): E
600000
Ion 265.00 (264.70 to 265.70): E

