

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072017\
 Data File : BM010928.D
 Acq On : 21 Jul 2017 02:53
 Operator : SJ/JU
 Sample : I4258-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-071817-C

Quant Time: Jul 21 04:39:53 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	7.44	152	188633	20.00	ng	-0.01
21) Naphthalene-d8	10.19	136	710372	20.00	ng	-0.02
38) Acenaphthene-d10	14.09	164	447419	20.00	ng	-0.01
63) Phenanthrene-d10	16.84	188	991554	20.00	ng	-0.01
75) Chrysene-d12	21.06	240	981546	20.00	ng	-0.01
86) Perylene-d12	23.19	264	990628	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1612985	141.65	ng	0.00
7) Phenol-d6	6.63	99	1930691	122.98	ng	0.00
23) Nitrobenzene-d5	8.58	82	1906666	103.17	ng	-0.01
41) 2,4,6-Tribromophenol	15.59	330	953271	139.42	ng	-0.01
44) 2-Fluorobiphenyl	12.70	172	3783790	105.21	ng	-0.01
78) Terphenyl-d14	19.50	244	4535792	89.38	ng	0.00

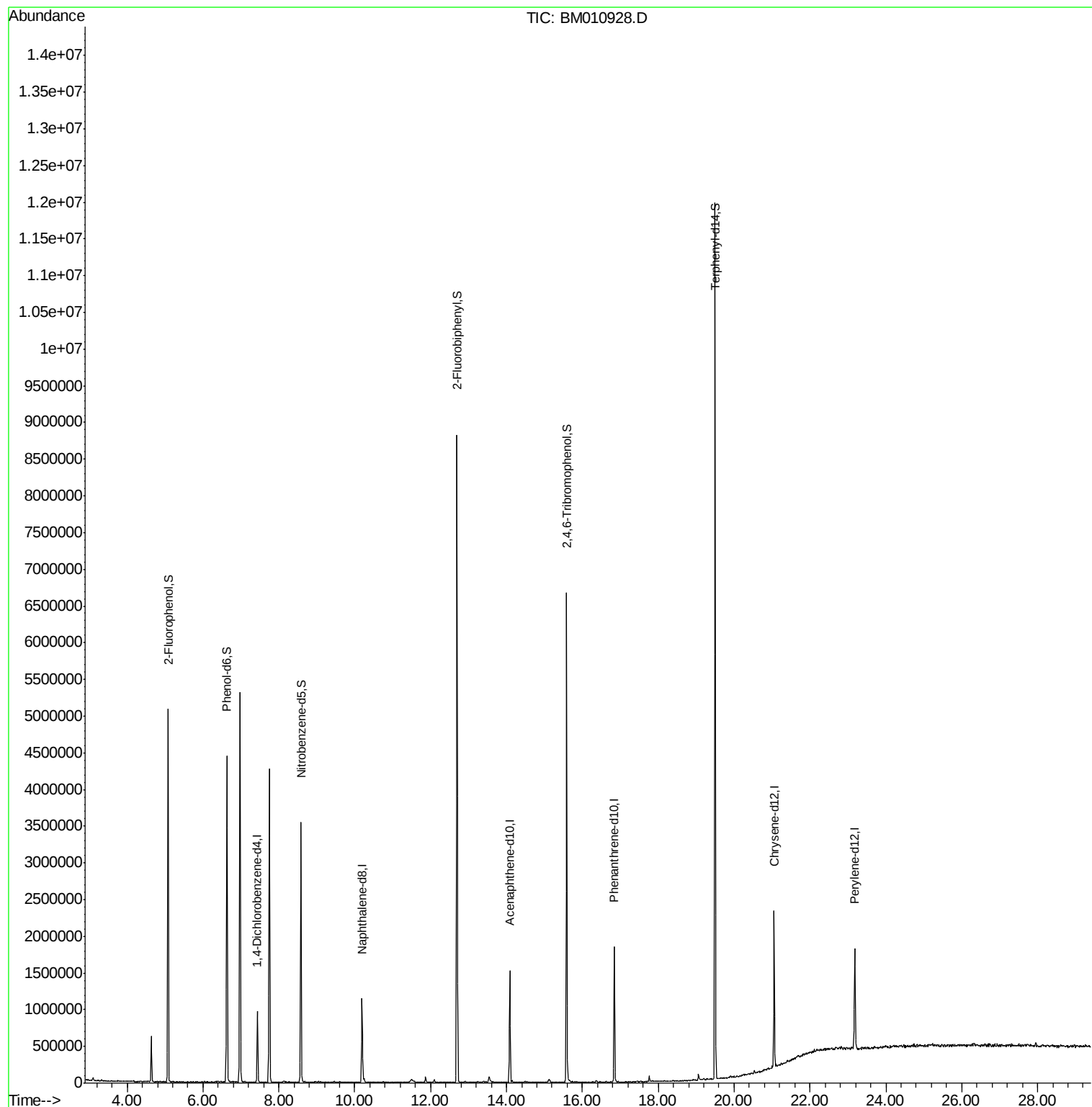
Target Compounds Qvalue

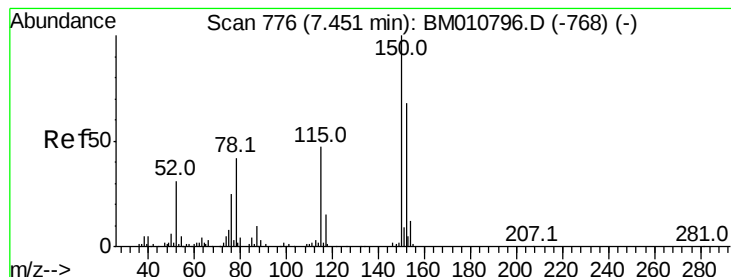
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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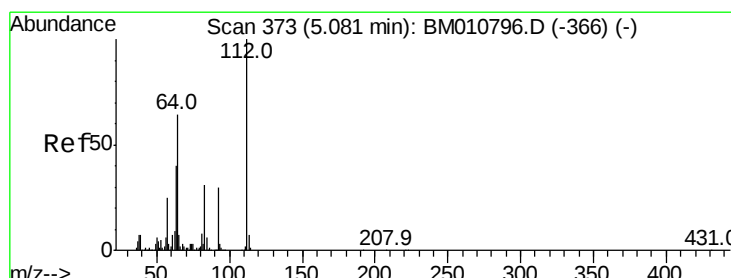
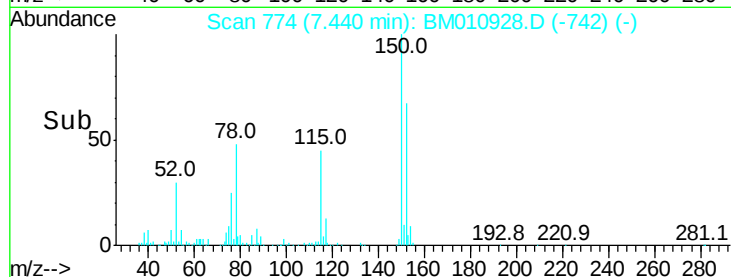
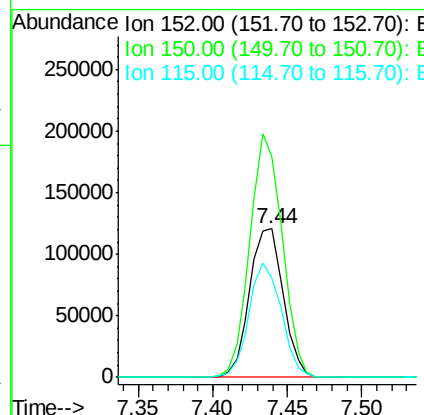
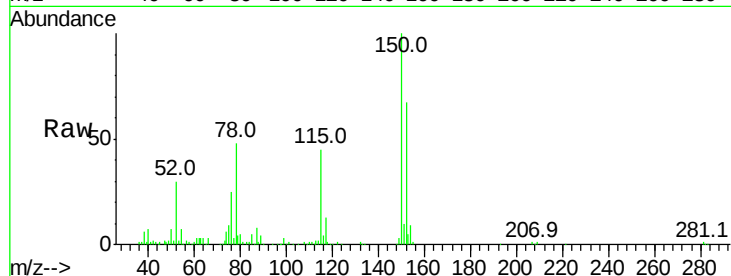


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM010928.D
Acq: 21 Jul 2017 02:53

Instrument :
BNA_M
ClientSampleId :
OK-02-071817-C

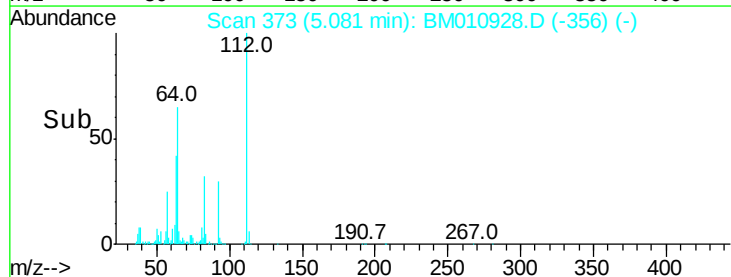
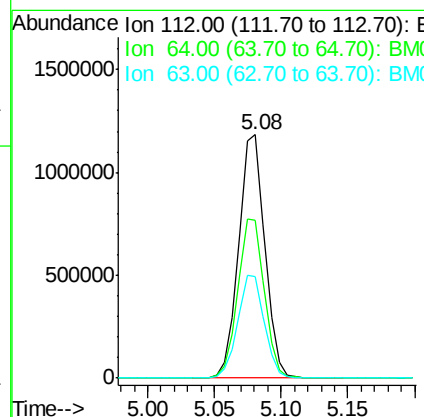
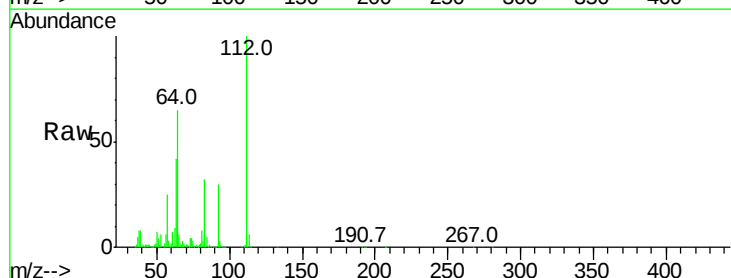
Tot Ion:152 Resp: 188633
Ion Ratio Lower Upper
152 100
150 148.3 119.5 179.3
115 67.0 43.0 64.4#

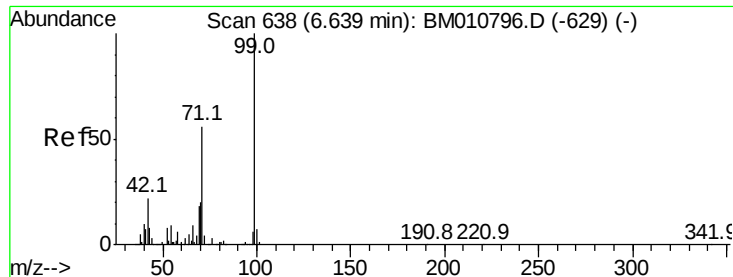


#5

2-Fluorophenol
Concen: 141.645 ng
RT: 5.08 min Scan# 373
Delta R.T. 0.00 min
Lab File: BM010928.D
Acq: 21 Jul 2017 02:53

Tgt Ion:112 Resp: 1612985
Ion Ratio Lower Upper
112 100
64 64.8 38.6 57.8#
63 41.7 19.3 28.9#





#7

Phenol-d6

Concen: 122.984 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM010928.D

Acq: 21 Jul 2017 02:53

Instrument :

BNA_M

ClientSampleId :

OK-02-071817-C

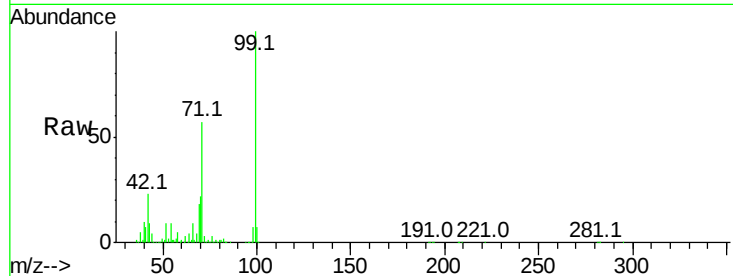
Tot Ion: 99 Resp: 1930691

Ion Ratio Lower Upper

99 100

42 23.2 11.0 16.4#

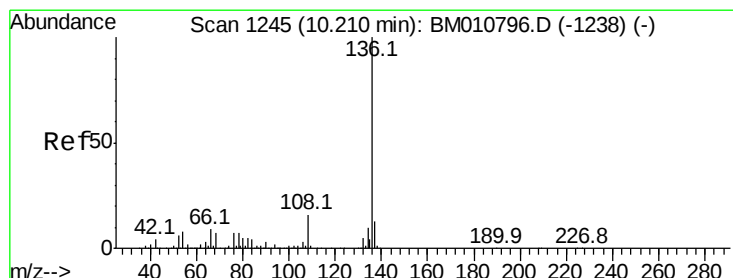
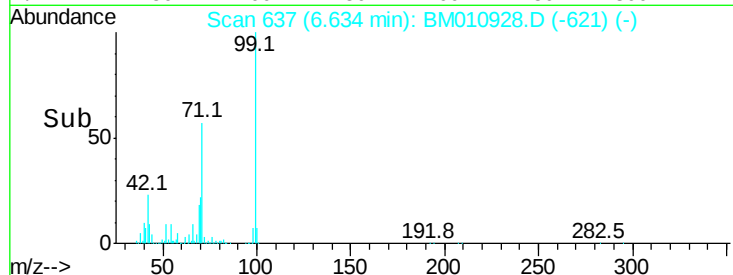
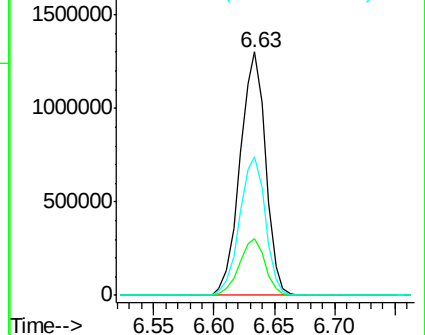
71 57.2 23.4 35.2#



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: 20.000 ng

RT: 10.19 min Scan# 1242

Delta R.T. -0.02 min

Lab File: BM010928.D

Acq: 21 Jul 2017 02:53

Tgt Ion: 136 Resp: 710372

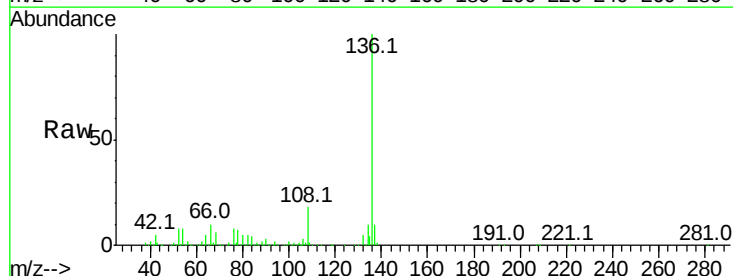
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 8.3 4.6 6.8#

68 6.1 3.7 5.5#

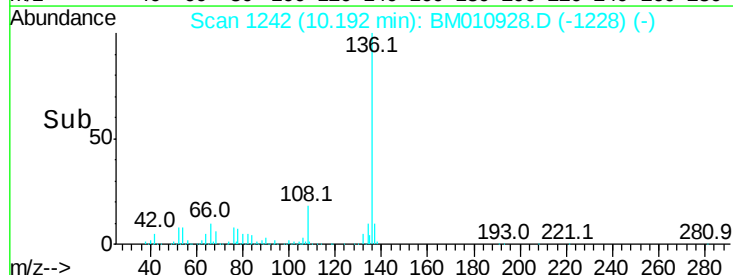
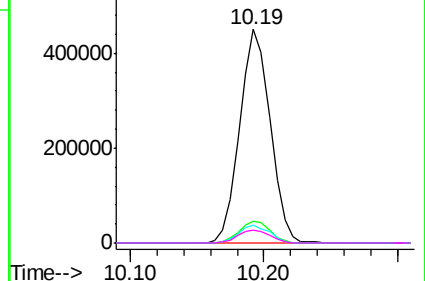


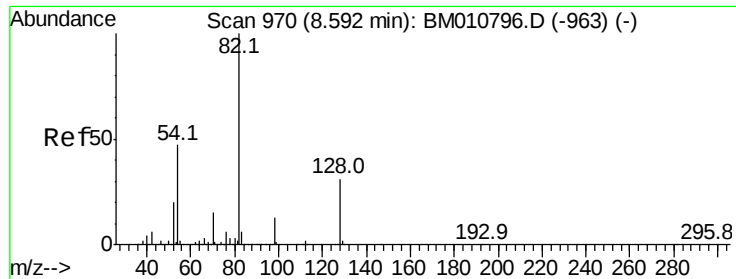
Abundance Ion 136.00 (135.70 to 136.70): BM010796.D (-1238) (-)

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: 103.168 ng

RT: 8.58 min Scan# 968

Delta R.T. -0.01 min

Lab File: BM010928.D

Acq: 21 Jul 2017 02:53

Instrument :

BNA_M

ClientSampleId :

OK-02-071817-C

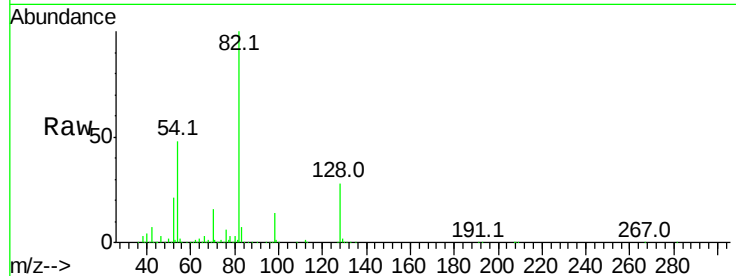
Tot Ion: 82 Resp: 1906666

Ion Ratio Lower Upper

82 100

128 28.4 32.8 49.2#

54 48.3 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) (-)

8.58

1500000

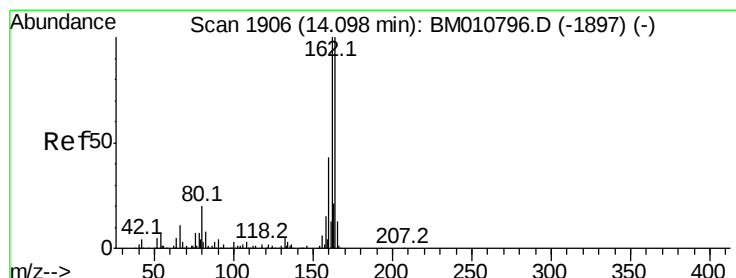
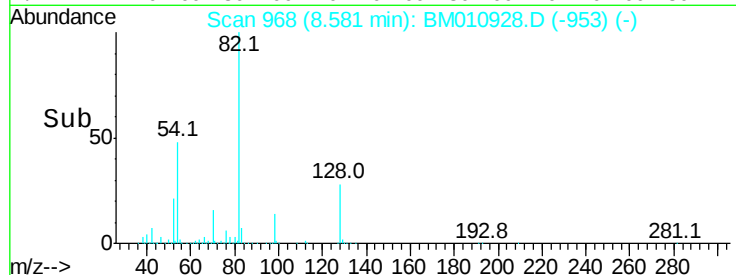
1000000

500000

0

Time-->

8.50 8.55 8.60 8.65



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.09 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BM010928.D

Acq: 21 Jul 2017 02:53

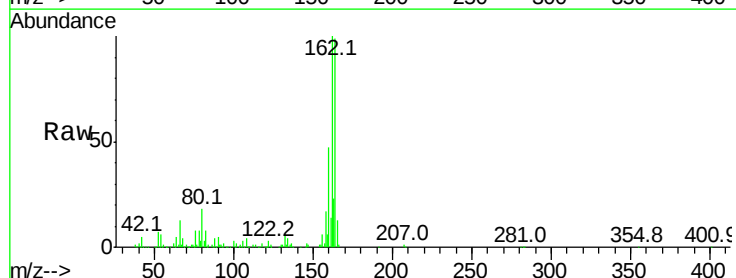
Tgt Ion:164 Resp: 447419

Ion Ratio Lower Upper

164 100

162 101.3 82.4 123.6

160 47.9 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) (-)

14.09

400000

300000

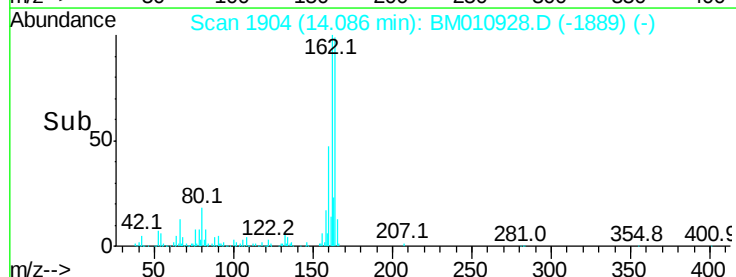
200000

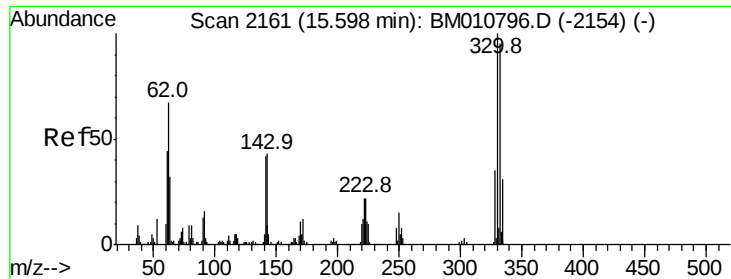
100000

0

Time-->

14.00 14.05 14.10 14.15

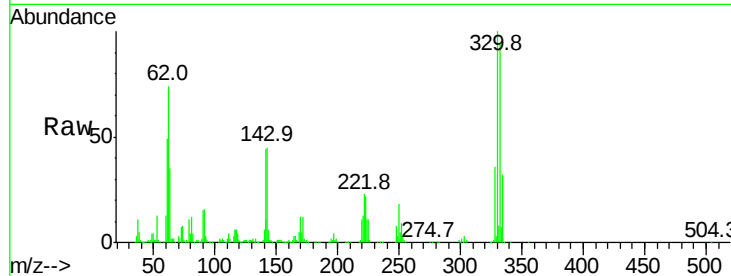




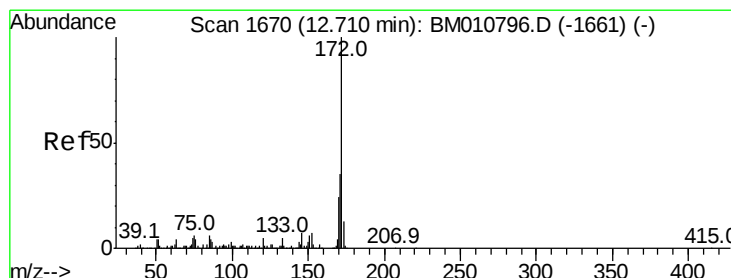
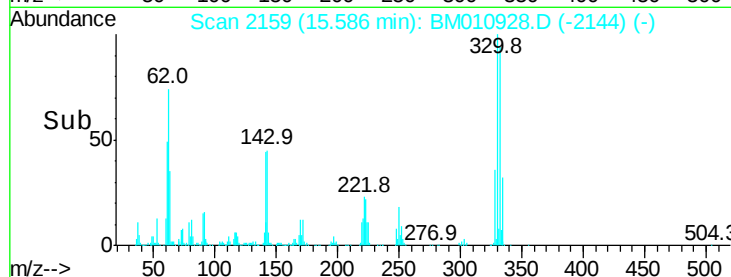
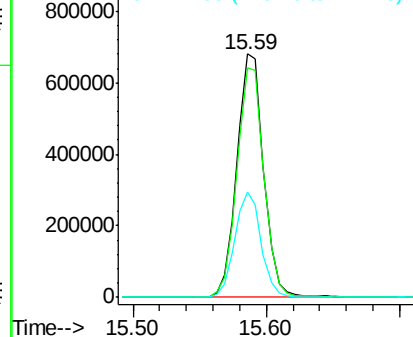
#41
 2,4,6-Tribromophenol
 Concen: 139.420 ng
 RT: 15.59 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BM010928.D
 Acq: 21 Jul 2017 02:53

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-071817-C

Tot Ion:330 Resp: 953271
 Ion Ratio Lower Upper
 330 100
 332 95.4 0.0 0.0#
 141 42.7 0.0 0.0#

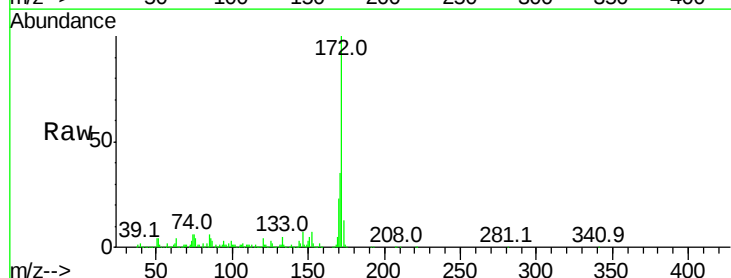


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

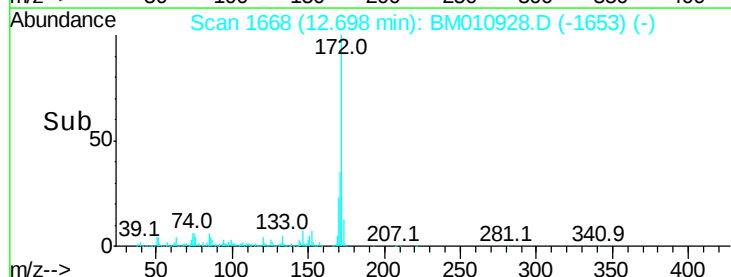
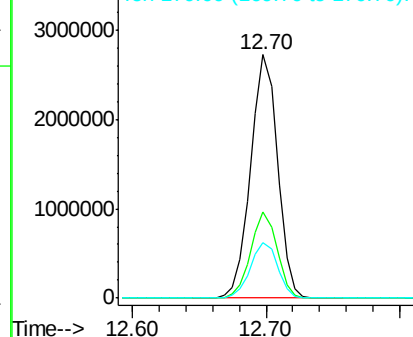


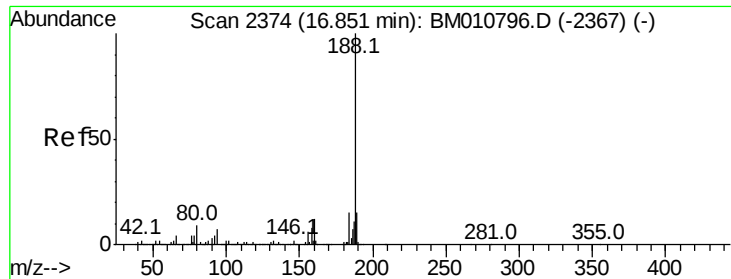
#44
 2-Fluorobiphenyl
 Concen: 105.206 ng
 RT: 12.70 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM010928.D
 Acq: 21 Jul 2017 02:53

Tgt Ion:172 Resp: 3783790
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.5 42.7
 170 22.6 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

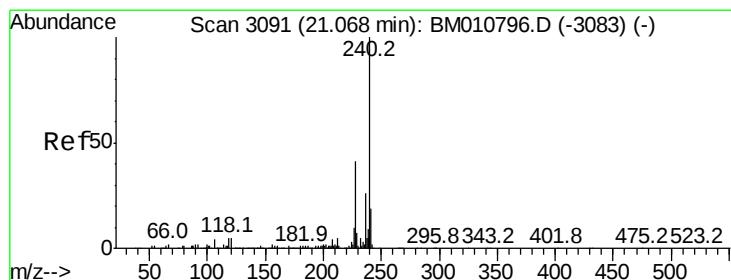
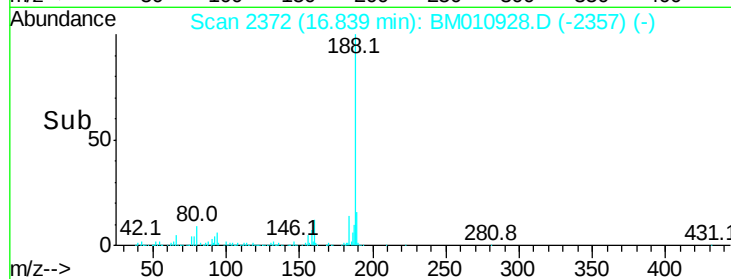
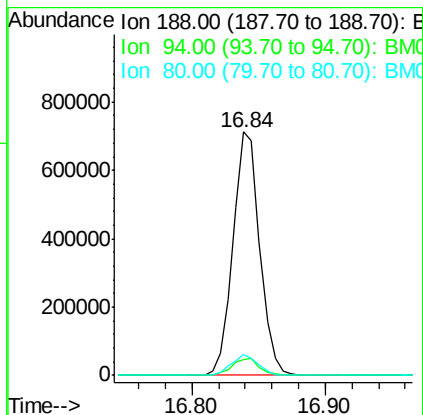
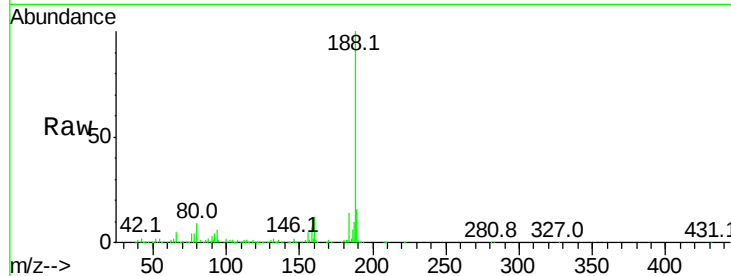




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.84 min Scan# 2372
Delta R.T. -0.01 min
Lab File: BM010928.D
Acq: 21 Jul 2017 02:53

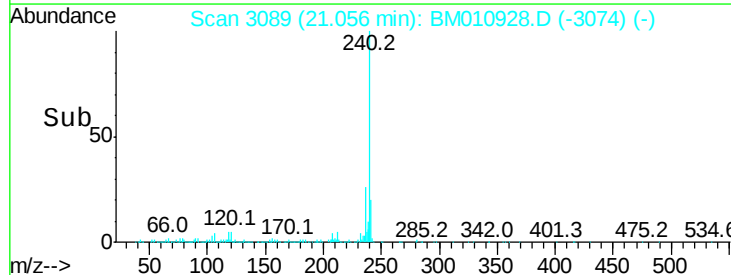
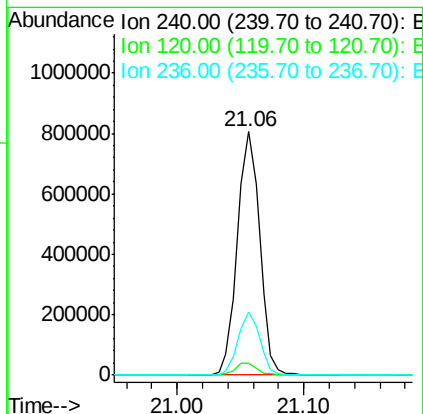
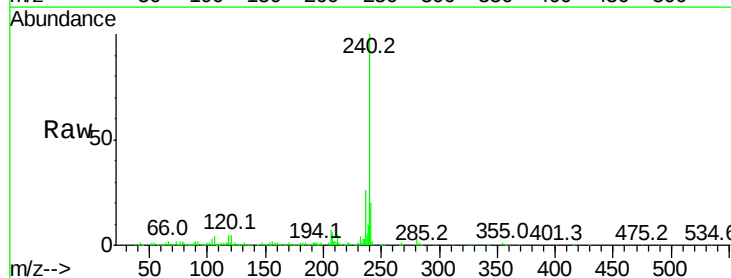
Instrument :
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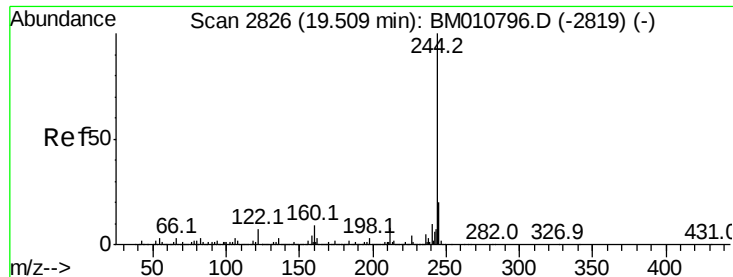
Tot Ion:188 Resp: 991554
Ion Ratio Lower Upper
188 100
94 6.3 8.7 13.1#
80 8.7 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.06 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM010928.D
Acq: 21 Jul 2017 02:53

Tgt Ion:240 Resp: 981546
Ion Ratio Lower Upper
240 100
120 4.9 8.2 12.2#
236 26.0 20.0 30.0





#78

Terphenyl-d14

Concen: 89.376 ng

RT: 19.50 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM010928.D

Acq: 21 Jul 2017 02:53

Instrument :

BNA_M

ClientSampleId :

OK-02-071817-C

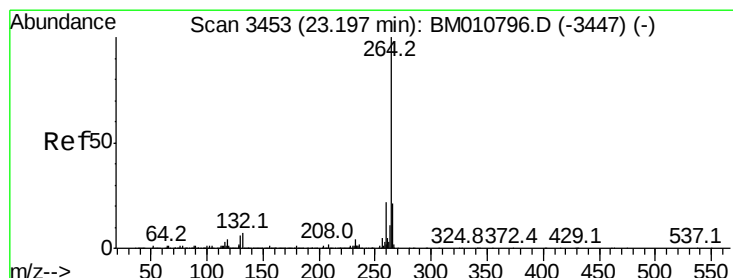
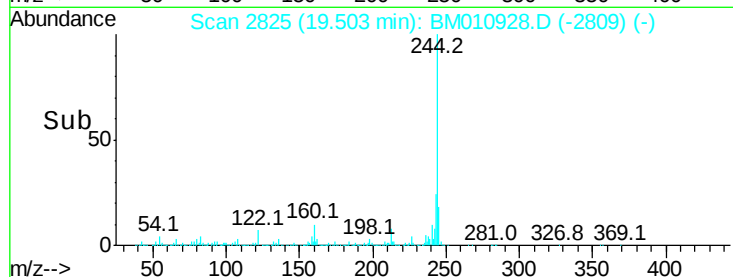
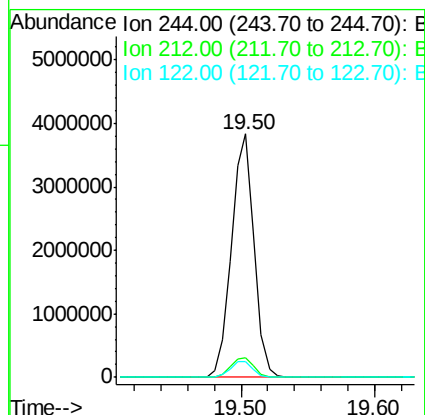
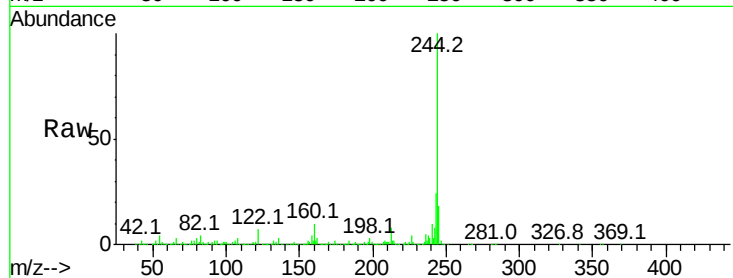
Tot Ion:244 Resp: 4535792

Ion Ratio Lower Upper

244 100

212 8.3 4.9 7.3#

122 6.7 6.2 9.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.19 min Scan# 3451

Delta R.T. -0.01 min

Lab File: BM010928.D

Acq: 21 Jul 2017 02:53

Tgt Ion:264 Resp: 990628

Ion Ratio Lower Upper

264 100

260 24.2 18.6 27.8

265 22.0 17.3 25.9

