

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072017\
 Data File : BM010933.D
 Acq On : 21 Jul 2017 08:59
 Operator : SJ/JU
 Sample : I4258-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Jul 21 12:11:56 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	7.43	152	201075	20.00	ng	-0.02
21) Naphthalene-d8	10.19	136	765268	20.00	ng	-0.02
38) Acenaphthene-d10	14.09	164	508663	20.00	ng	-0.01
63) Phenanthrene-d10	16.84	188	1246876	20.00	ng	-0.01
75) Chrysene-d12	21.06	240	1184979	20.00	ng	-0.01
86) Perylene-d12	23.18	264	1063566	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1693799	139.54	ng	0.00
7) Phenol-d6	6.63	99	2023783	120.94	ng	0.00
23) Nitrobenzene-d5	8.58	82	2054131	103.17	ng	-0.01
41) 2,4,6-Tribromophenol	15.59	330	1174332	151.07	ng	-0.01
44) 2-Fluorobiphenyl	12.70	172	4171710	102.03	ng	-0.01
78) Terphenyl-d14	19.50	244	6136881	100.17	ng	0.00

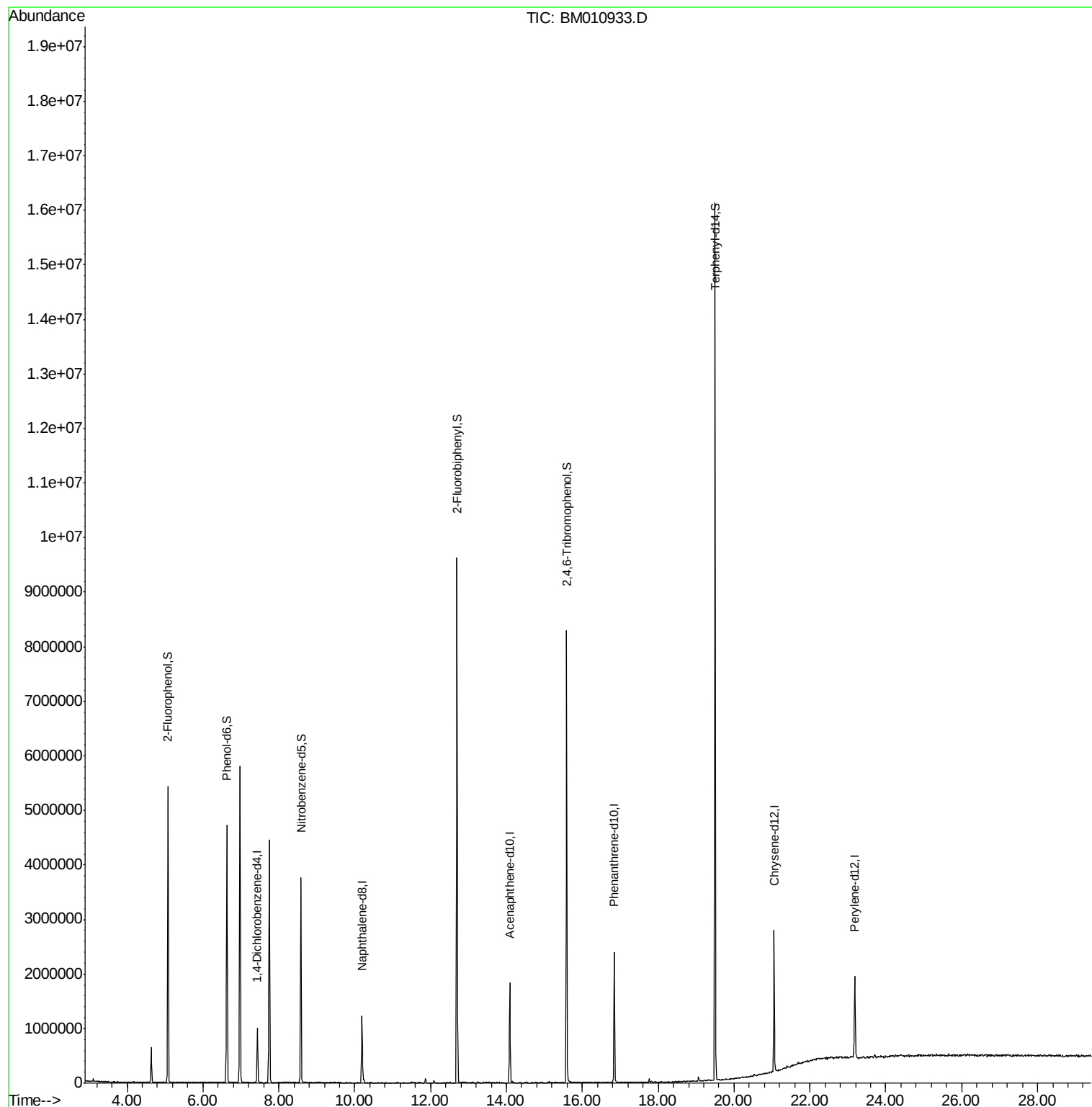
Target Compounds Qvalue

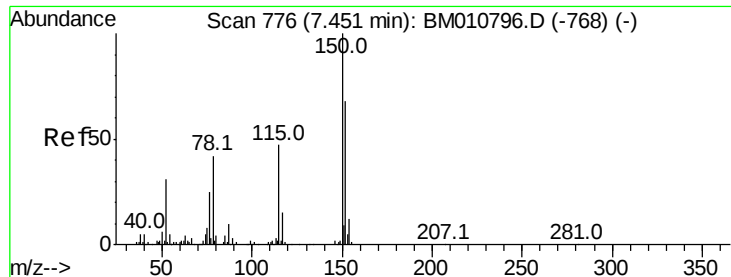
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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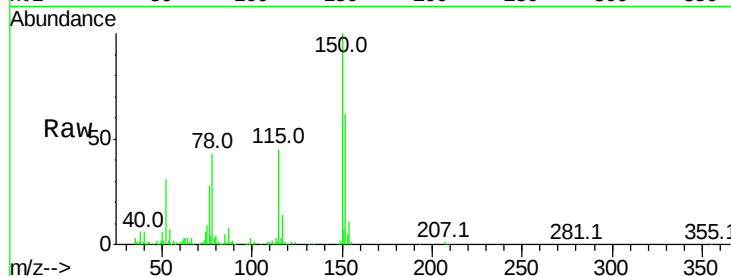


#1

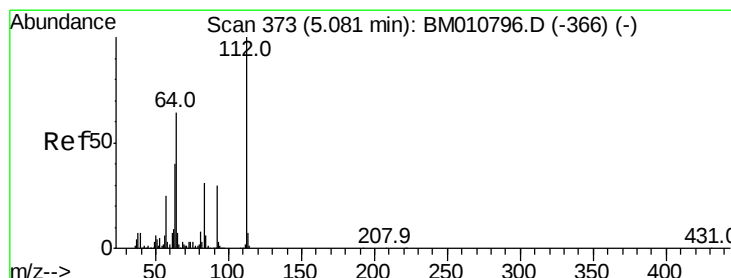
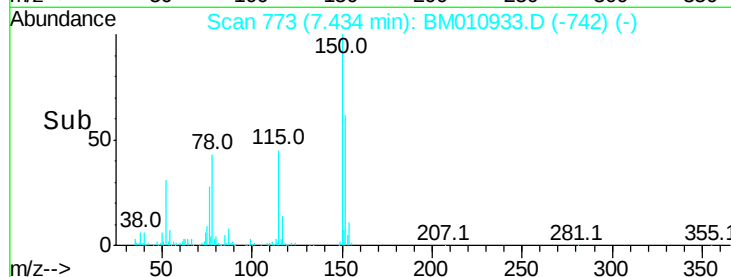
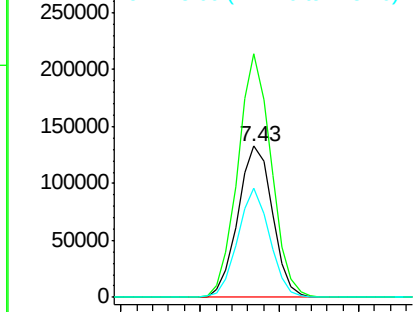
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.43 min Scan# 773
Delta R.T. -0.02 min
Lab File: BM010933.D
Acq: 21 Jul 2017 08:59

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

Tot Ion:152 Resp: 201075
Ion Ratio Lower Upper
152 100
150 161.4 119.5 179.3
115 72.1 43.0 64.4#



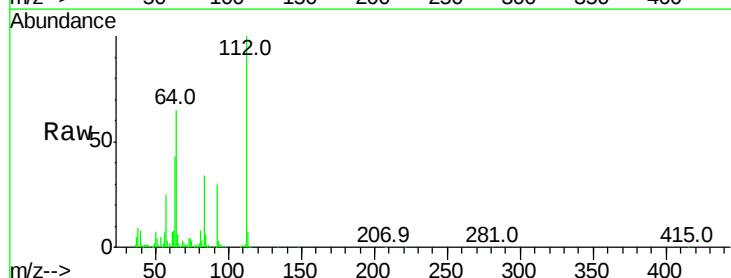
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



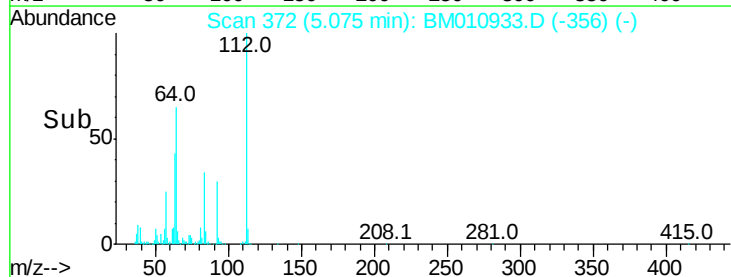
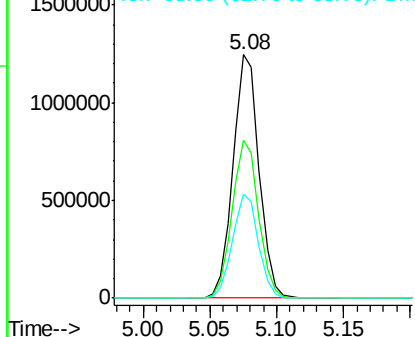
#5

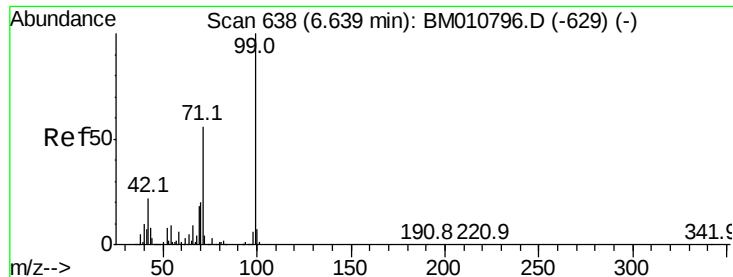
2-Fluorophenol
Concen: 139.538 ng
RT: 5.08 min Scan# 372
Delta R.T. -0.00 min
Lab File: BM010933.D
Acq: 21 Jul 2017 08:59

Tgt Ion:112 Resp: 1693799
Ion Ratio Lower Upper
112 100
64 64.8 38.6 57.8#
63 42.8 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: 120.937 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM010933.D

Acq: 21 Jul 2017 08:59

Instrument :

BNA_M

ClientSampleId :

OK-02-071817-C

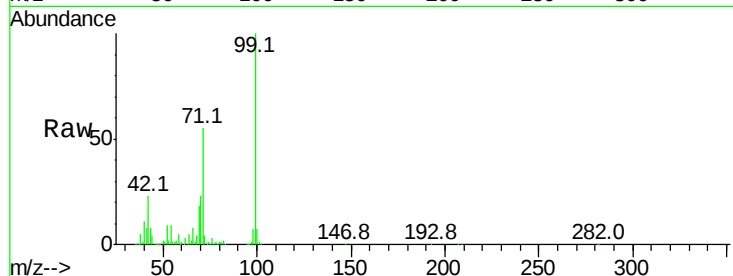
Tot Ion: 99 Resp: 2023783

Ion Ratio Lower Upper

99 100

42 22.9 11.0 16.4#

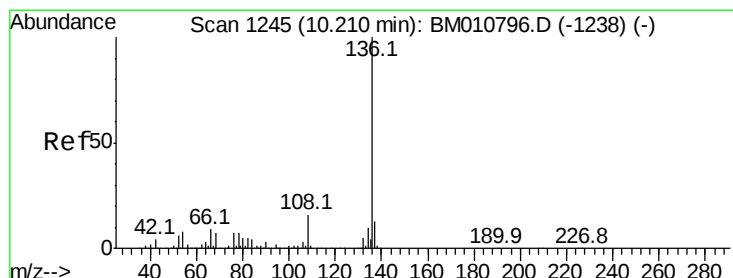
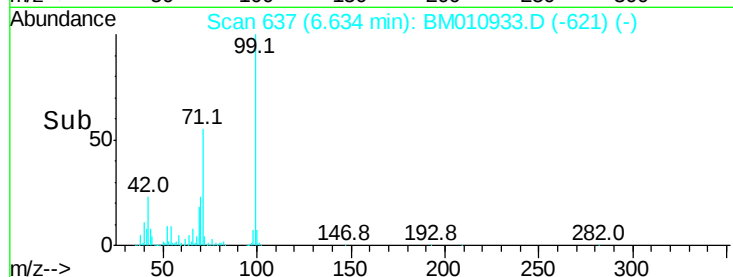
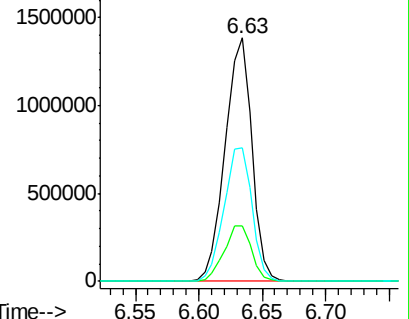
71 55.0 23.4 35.2#



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: 20.000 ng

RT: 10.19 min Scan# 1242

Delta R.T. -0.02 min

Lab File: BM010933.D

Acq: 21 Jul 2017 08:59

Tgt Ion: 136 Resp: 765268

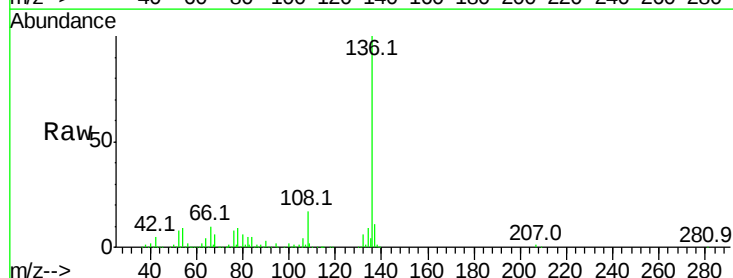
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 9.1 4.6 6.8#

68 6.2 3.7 5.5#

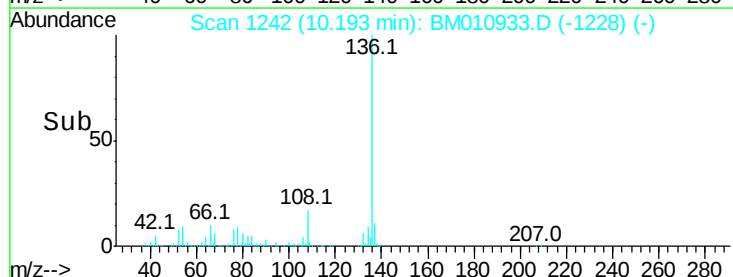
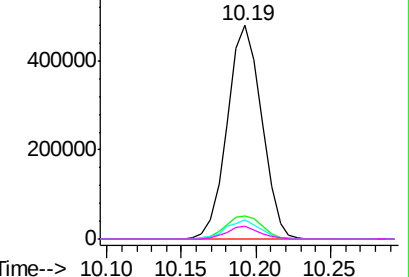


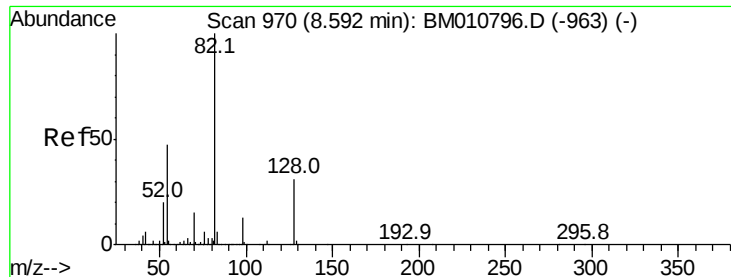
Abundance Ion 136.00 (135.70 to 136.70): BM010796.D (-1238) (-)

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: 103.174 ng

RT: 8.58 min Scan# 968

Delta R.T. -0.01 min

Lab File: BM010933.D

Acq: 21 Jul 2017 08:59

Instrument :

BNA_M

ClientSampleId :

OK-02-071817-C

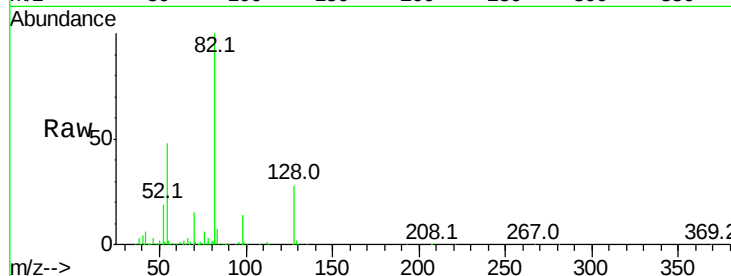
Tot Ion: 82 Resp: 2054131

Ion Ratio Lower Upper

82 100

128 28.1 32.8 49.2#

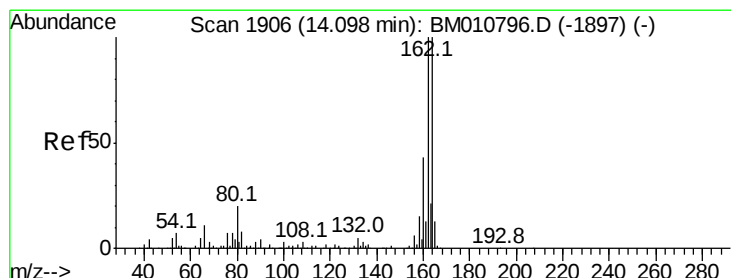
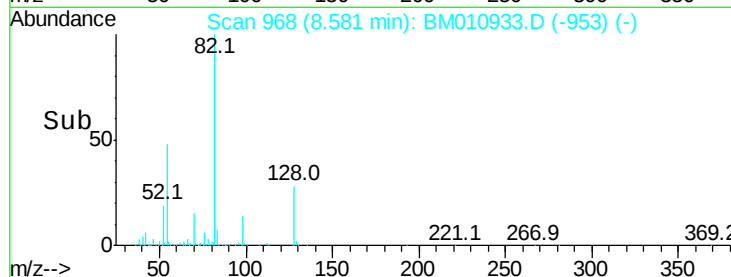
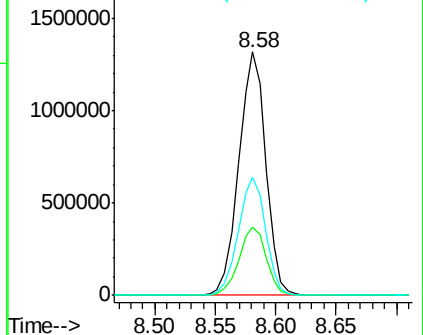
54 48.4 40.6 60.8



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) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.09 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BM010933.D

Acq: 21 Jul 2017 08:59

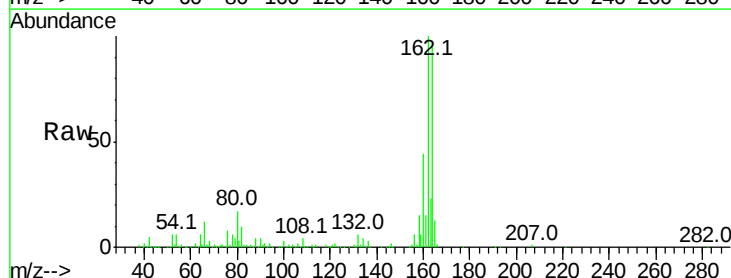
Tgt Ion:164 Resp: 508663

Ion Ratio Lower Upper

164 100

162 104.4 82.4 123.6

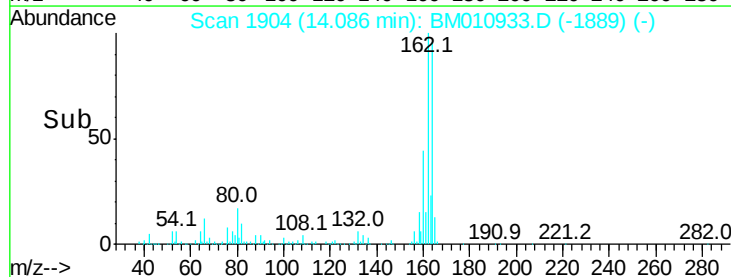
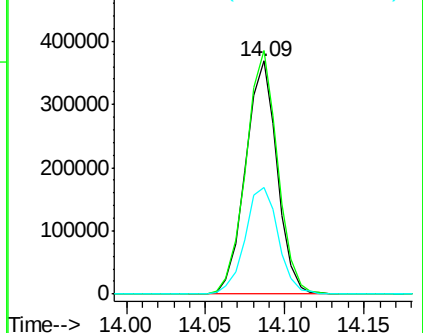
160 45.6 35.8 53.6

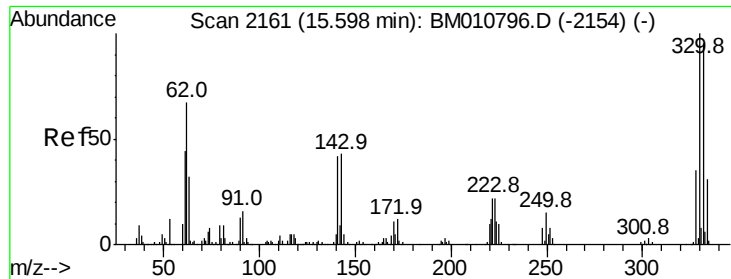


Abundance Ion 164.00 (163.70 to 164.70): BM010796.D (-1897) (-)

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

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

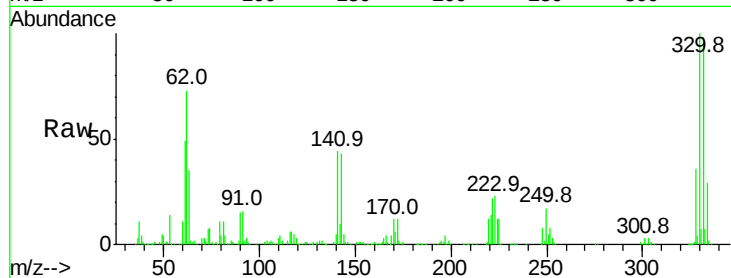




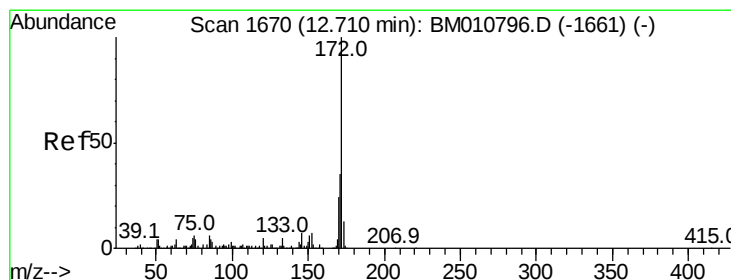
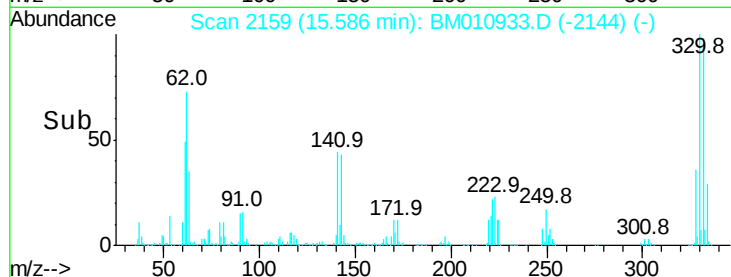
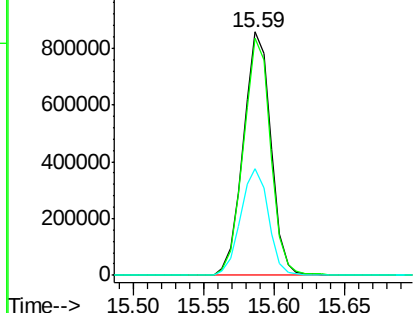
#41
 2,4,6-Tribromophenol
 Concen: 151.072 ng
 RT: 15.59 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BM010933.D
 Acq: 21 Jul 2017 08:59

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

Tot Ion:330 Resp: 1174332
 Ion Ratio Lower Upper
 330 100
 332 96.0 0.0 0.0#
 141 43.8 0.0 0.0#

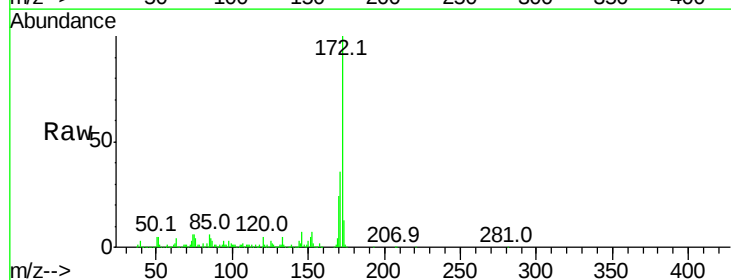


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

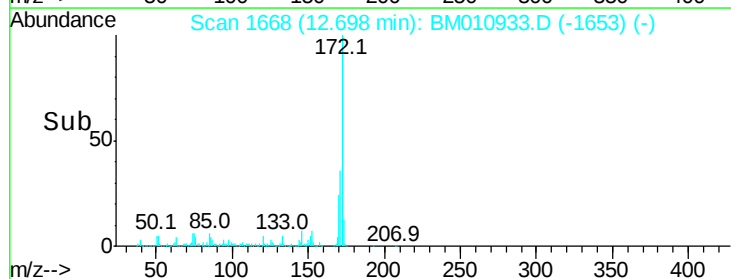
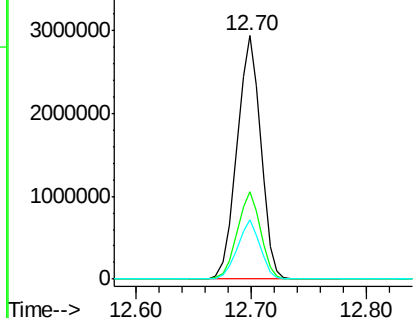


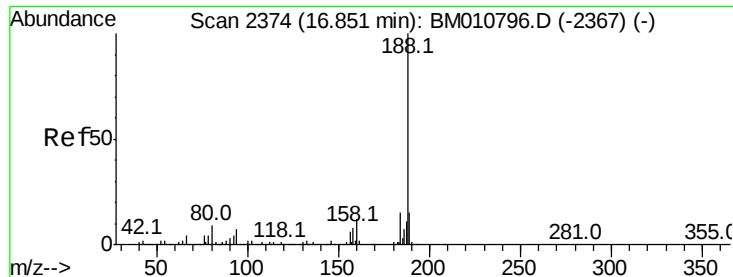
#44
 2-Fluorobiphenyl
 Concen: 102.026 ng
 RT: 12.70 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM010933.D
 Acq: 21 Jul 2017 08:59

Tgt Ion:172 Resp: 4171710
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.5 42.7
 170 24.3 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: BM010933.D

Acq: 21 Jul 2017 08:59

Instrument :

BNA_M

ClientSampleId :

OK-02-071817-C

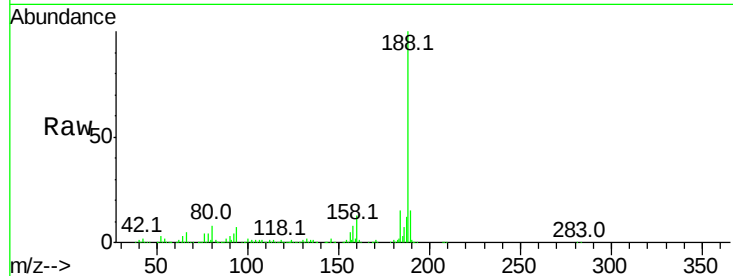
Tot Ion:188 Resp: 1246876

Ion Ratio Lower Upper

188 100

94 6.9 8.7 13.1#

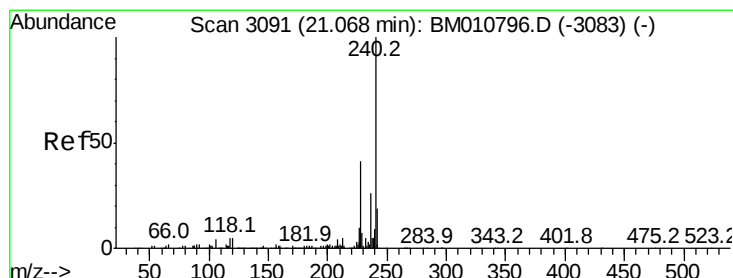
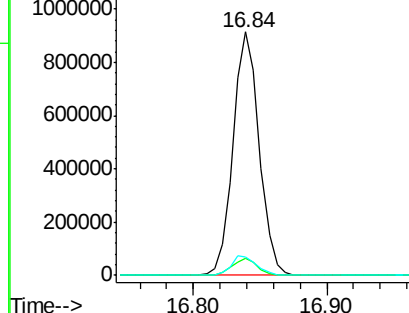
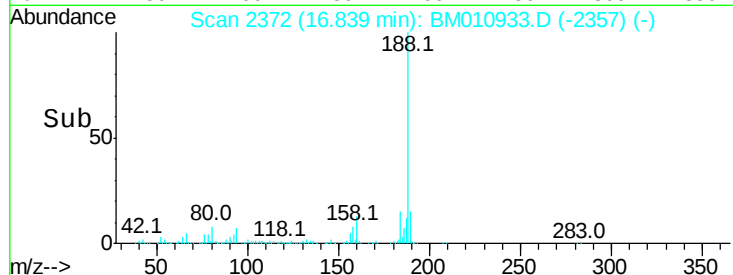
80 7.7 9.3 13.9#



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: 21.06 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM010933.D

Acq: 21 Jul 2017 08:59

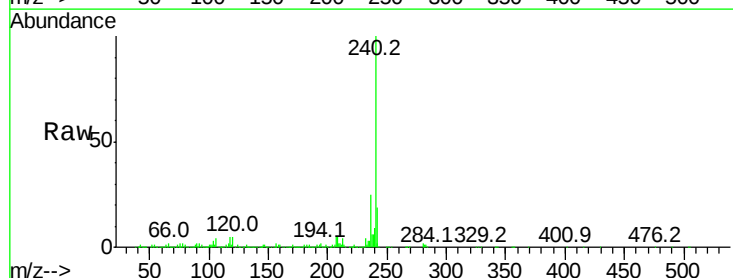
Tgt Ion:240 Resp: 1184979

Ion Ratio Lower Upper

240 100

120 4.7 8.2 12.2#

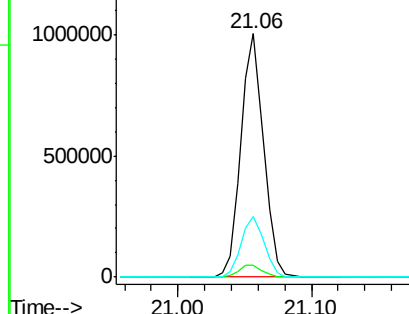
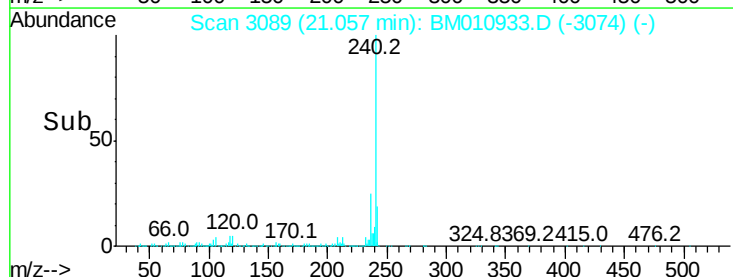
236 24.8 20.0 30.0

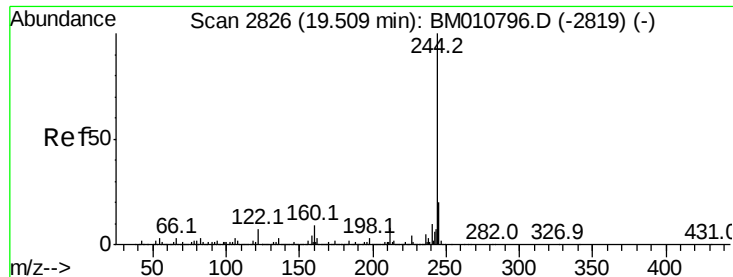


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 100.165 ng

RT: 19.50 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM010933.D

Acq: 21 Jul 2017 08:59

Instrument :

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ClientSampleId :

OK-02-071817-C

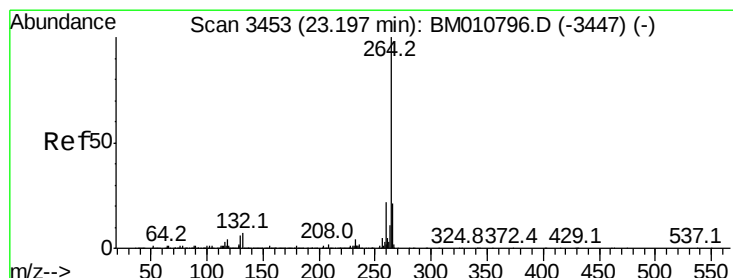
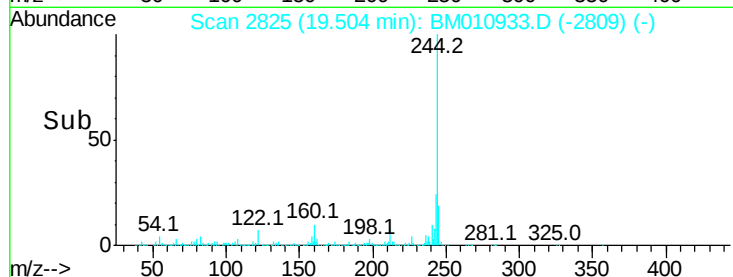
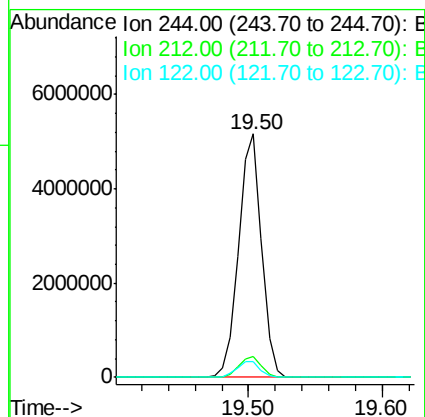
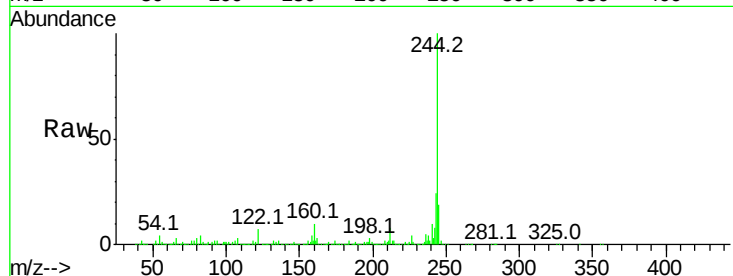
Tot Ion:244 Resp: 6136881

Ion Ratio Lower Upper

244 100

212 8.4 4.9 7.3#

122 6.5 6.2 9.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.18 min Scan# 3450

Delta R.T. -0.02 min

Lab File: BM010933.D

Acq: 21 Jul 2017 08:59

Tgt Ion:264 Resp: 1063566

Ion Ratio Lower Upper

264 100

260 22.5 18.6 27.8

265 22.7 17.3 25.9

