

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072017\
 Data File : BM010918.D
 Acq On : 20 Jul 2017 20:53
 Operator : SJ/JU
 Sample : I4254-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 72-12019/72-11985/72-12016-COMP

Quant Time: Jul 21 03:05:11 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	175964	20.00	ng	-0.01
21) Naphthalene-d8	10.19	136	679478	20.00	ng	-0.02
38) Acenaphthene-d10	14.09	164	436056	20.00	ng	-0.01
63) Phenanthrene-d10	16.84	188	1153853	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1476736	20.00	ng	-0.01
86) Perylene-d12	23.19	264	1189983	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1249511	117.63	ng	0.00
7) Phenol-d6	6.63	99	1530431	104.51	ng	0.00
23) Nitrobenzene-d5	8.58	82	1455940	82.36	ng	-0.01
41) 2,4,6-Tribromophenol	15.59	330	912759	136.97	ng	0.00
44) 2-Fluorobiphenyl	12.70	172	2913840	83.13	ng	-0.01
78) Terphenyl-d14	19.50	244	5840519	76.49	ng	0.00

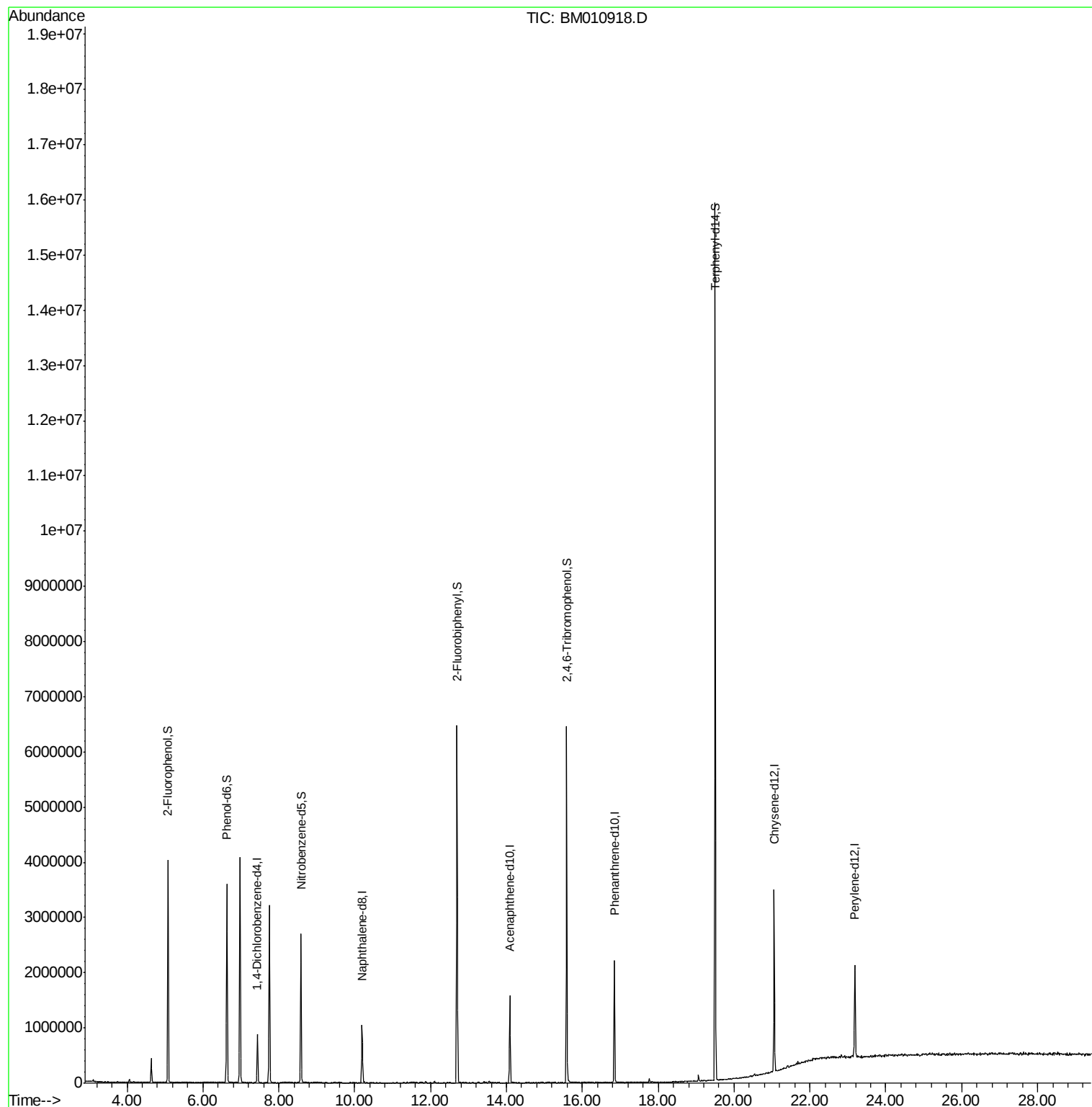
Target Compounds Qvalue

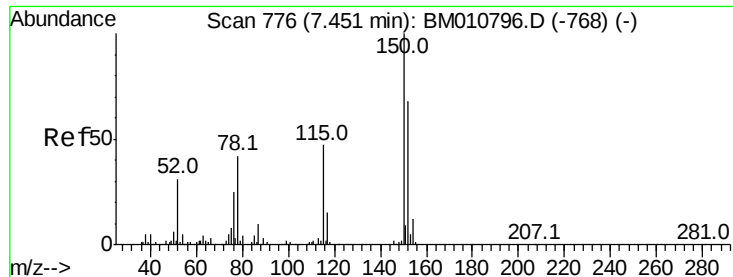
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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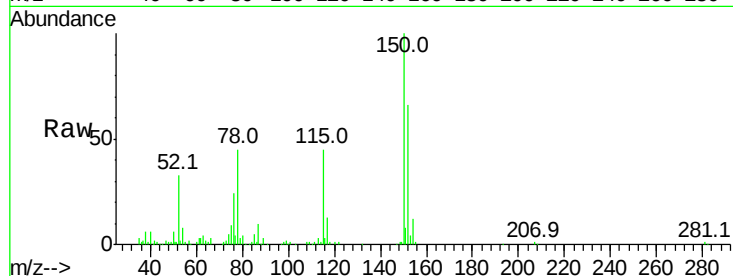


#1

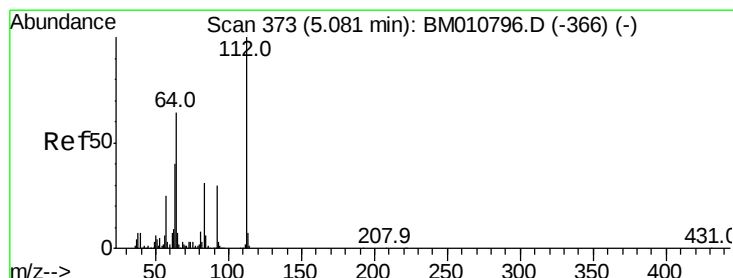
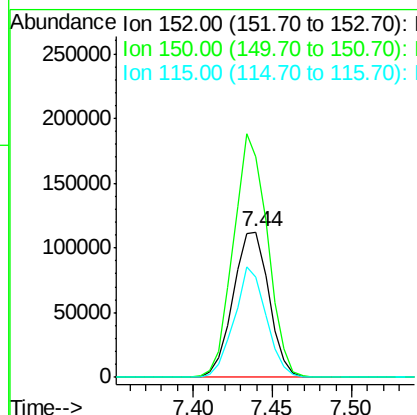
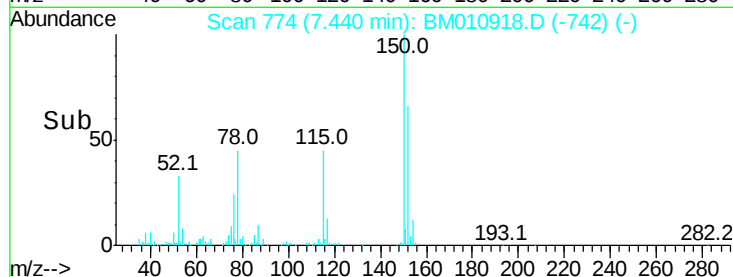
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM010918.D
Acq: 20 Jul 2017 20:53

Instrument :
BNA_M
ClientSampleId :
72-12019/72-11985/72-12016-COMP

Tot Ion:152 Resp: 175964
Ion Ratio Lower Upper
152 100
150 151.9 119.5 179.3
115 68.7 43.0 64.4#



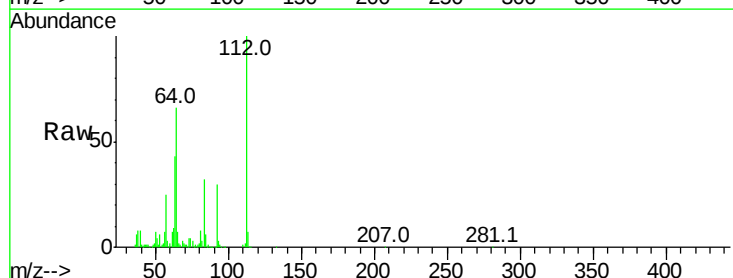
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



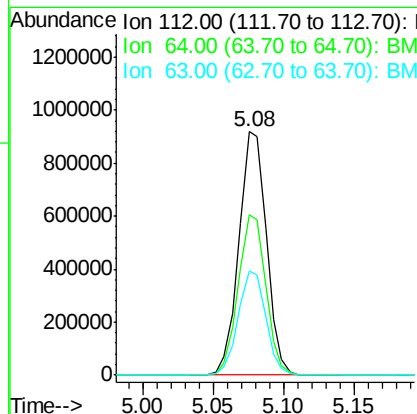
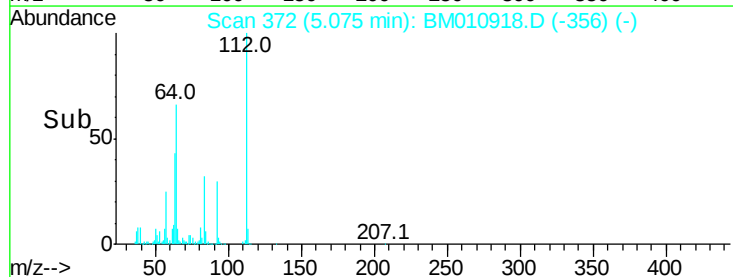
#5

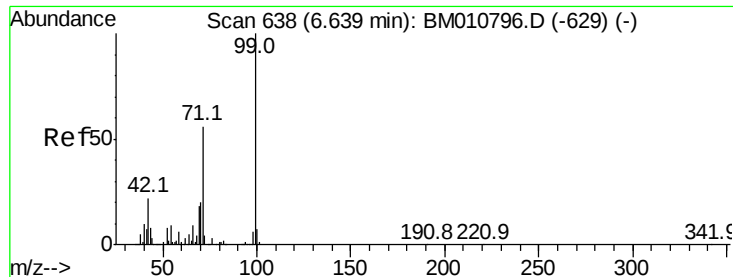
2-Fluorophenol
Concen: 117.627 ng
RT: 5.08 min Scan# 372
Delta R.T. -0.00 min
Lab File: BM010918.D
Acq: 20 Jul 2017 20:53

Tgt Ion:112 Resp: 1249511
Ion Ratio Lower Upper
112 100
64 66.0 38.6 57.8#
63 42.6 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: 104.507 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM010918.D

Acq: 20 Jul 2017 20:53

Instrument :

BNA_M

ClientSampleId :

72-12019/72-11985/72-12016-COMP

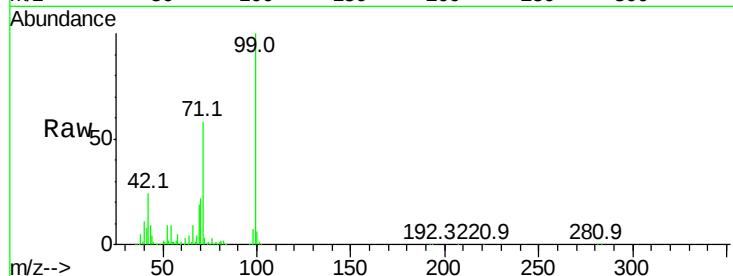
Tot Ion: 99 Resp: 1530431

Ion Ratio Lower Upper

99 100

42 24.1 11.0 16.4#

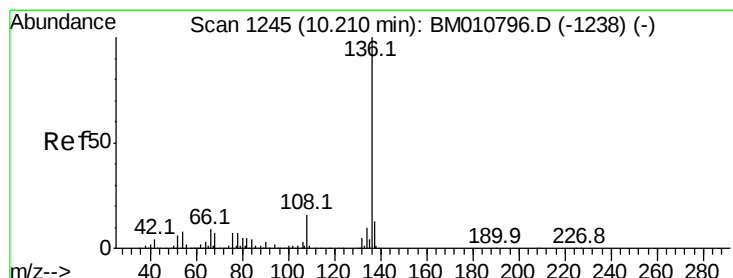
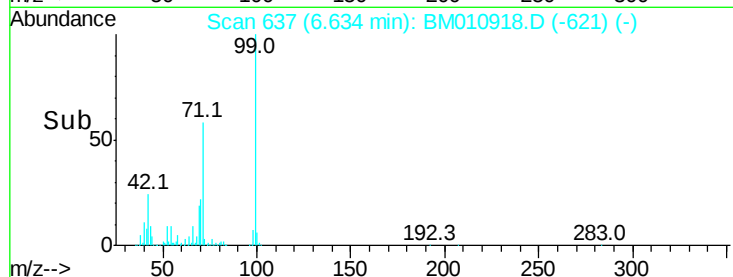
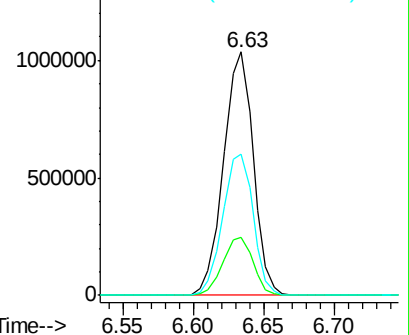
71 57.7 23.4 35.2#



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: BM010918.D

Acq: 20 Jul 2017 20:53

Tgt Ion: 136 Resp: 679478

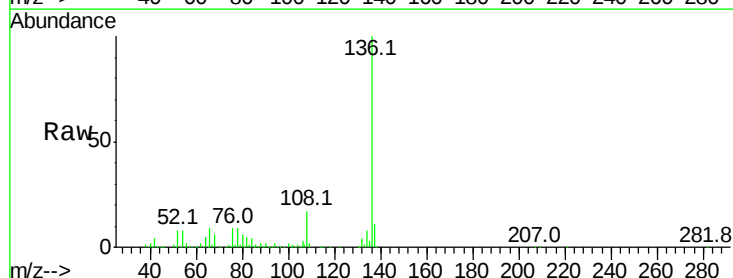
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 7.9 4.6 6.8#

68 5.8 3.7 5.5#

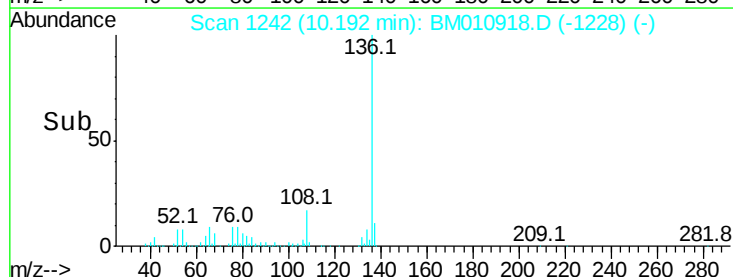
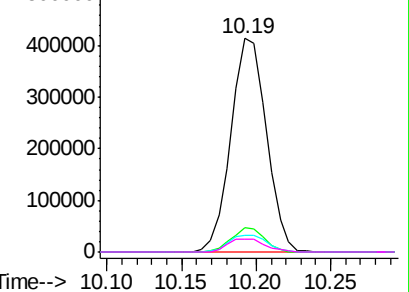


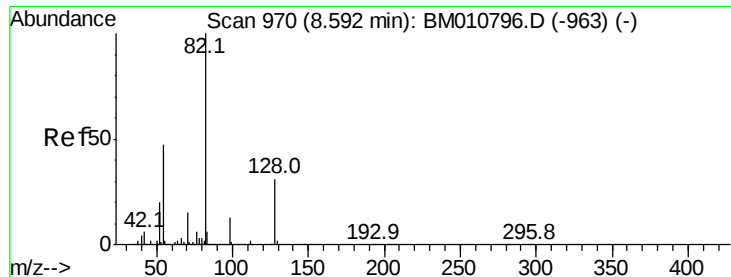
Abundance Ion 136.00 (135.70 to 136.70): BM010796.D (-1238) (-)

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: 82.362 ng

RT: 8.58 min Scan# 968

Delta R.T. -0.01 min

Lab File: BM010918.D

Acq: 20 Jul 2017 20:53

Instrument :

BNA_M

ClientSampleId :

72-12019/72-11985/72-12016-COMP

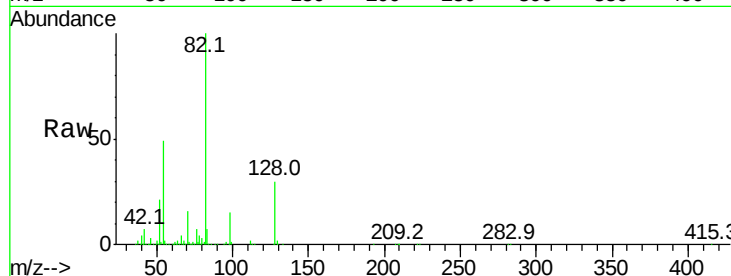
Tot Ion: 82 Resp: 1455940

Ion Ratio Lower Upper

82 100

128 29.9 32.8 49.2#

54 49.4 40.6 60.8



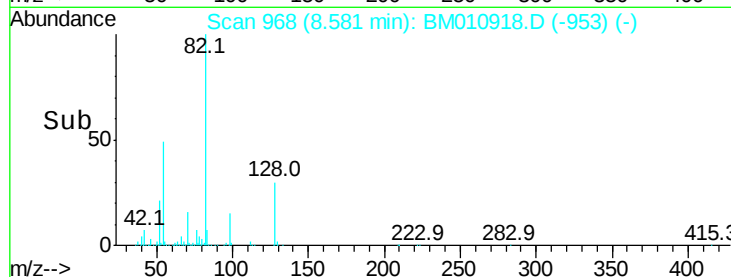
Abundance Ion 82.00 (81.70 to 82.70): BM010796.D (-963) (-)

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

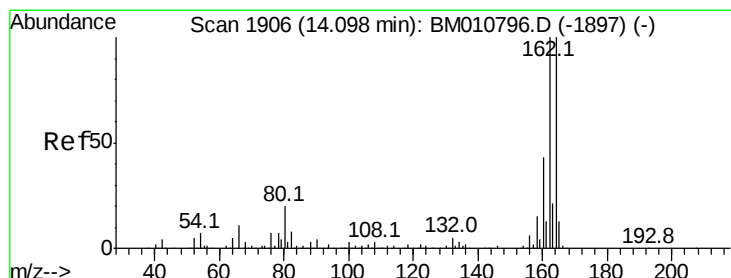
Ion 54.00 (53.70 to 54.70): BM010796.D (-963) (-)

8.58

Time-->



Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.09 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BM010918.D

Acq: 20 Jul 2017 20:53

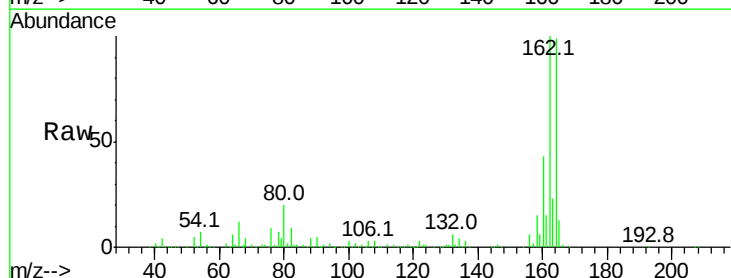
Tgt Ion:164 Resp: 436056

Ion Ratio Lower Upper

164 100

162 101.3 82.4 123.6

160 43.4 35.8 53.6



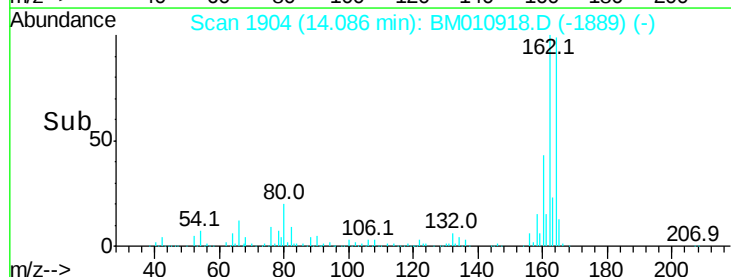
Abundance Ion 164.00 (163.70 to 164.70): BM010796.D (-1897) (-)

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

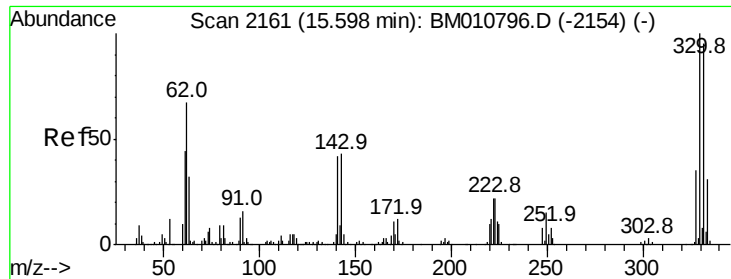
Ion 160.00 (159.70 to 160.70): BM010796.D (-1897) (-)

14.09

Time-->



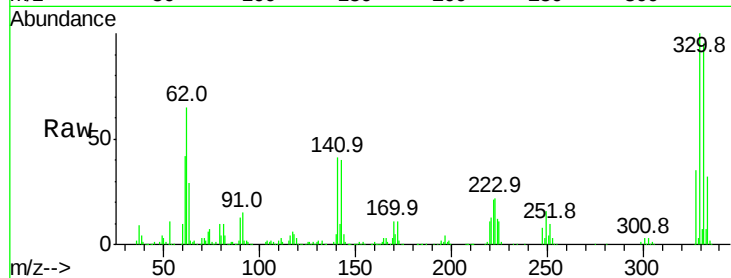
Time-->



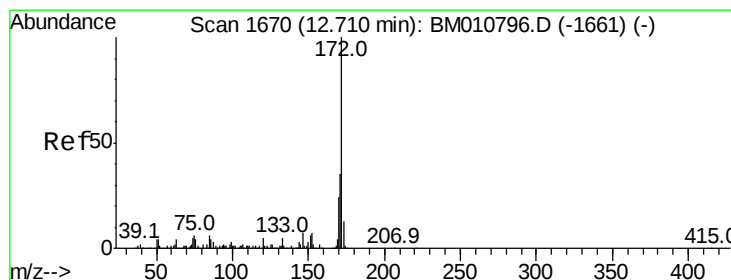
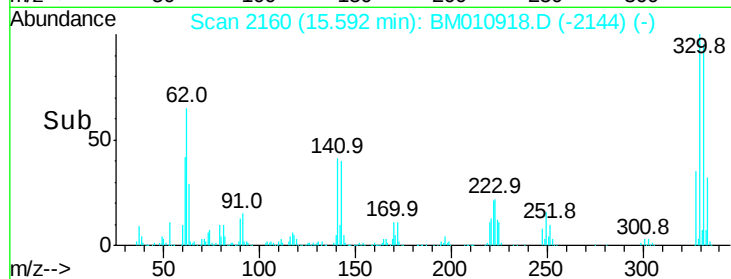
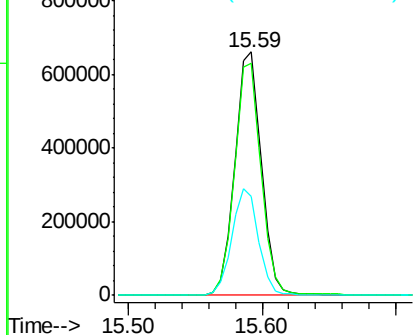
#41
 2,4,6-Tribromophenol
 Concen: 136.974 ng
 RT: 15.59 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BM010918.D
 Acq: 20 Jul 2017 20:53

Instrument :
 BNA_M
 ClientSampleId :
 72-12019/72-11985/72-12016-COMP

Tot Ion:330 Resp: 912759
 Ion Ratio Lower Upper
 330 100
 332 95.7 0.0 0.0#
 141 44.4 0.0 0.0#

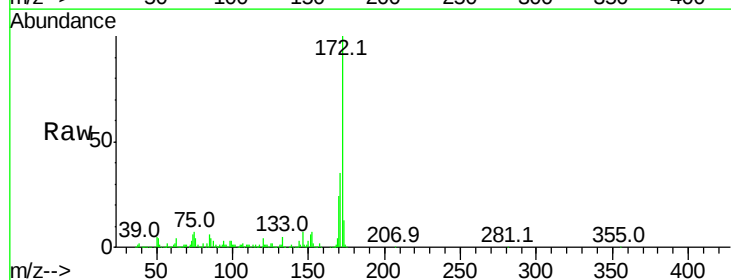


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

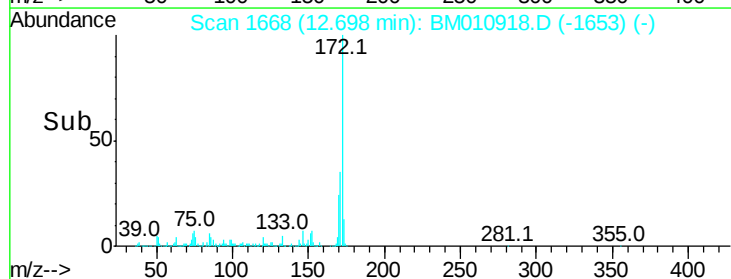
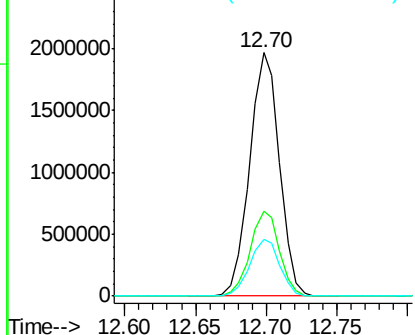


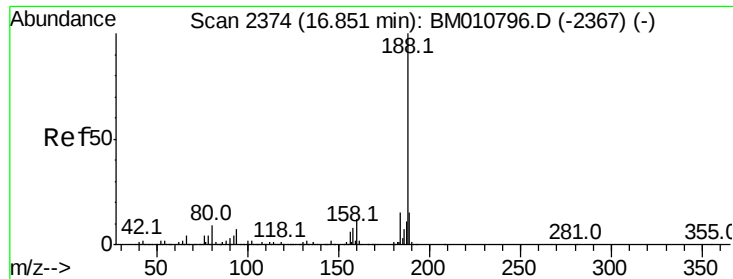
#44
 2-Fluorobiphenyl
 Concen: 83.129 ng
 RT: 12.70 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM010918.D
 Acq: 20 Jul 2017 20:53

Tgt Ion:172 Resp: 2913840
 Ion Ratio Lower Upper
 172 100
 171 34.6 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

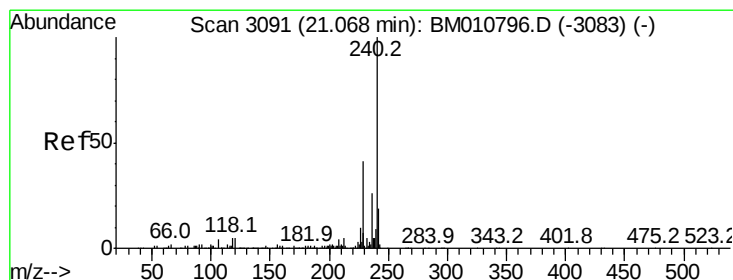
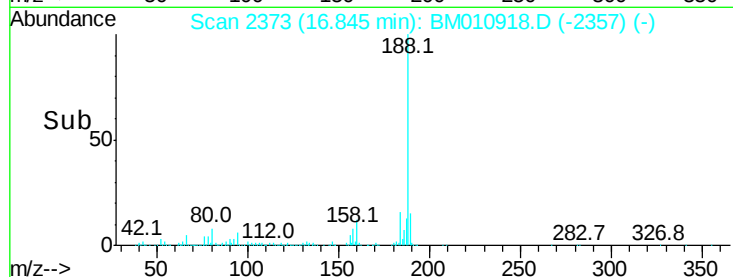
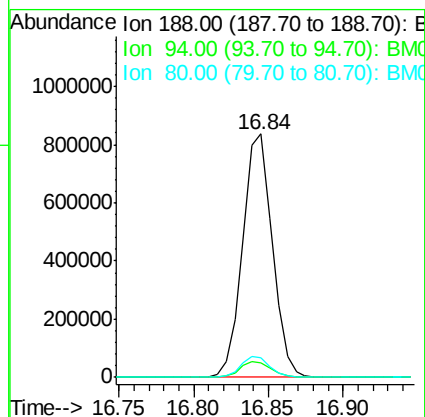
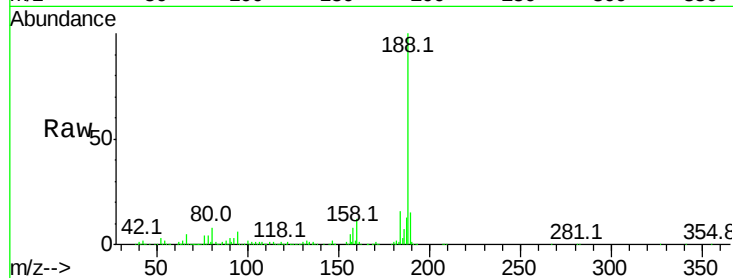




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.84 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BM010918.D
Acq: 20 Jul 2017 20:53

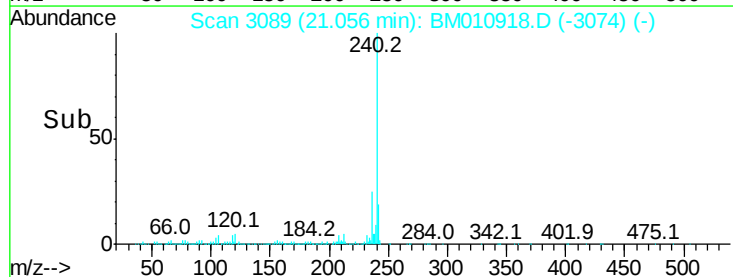
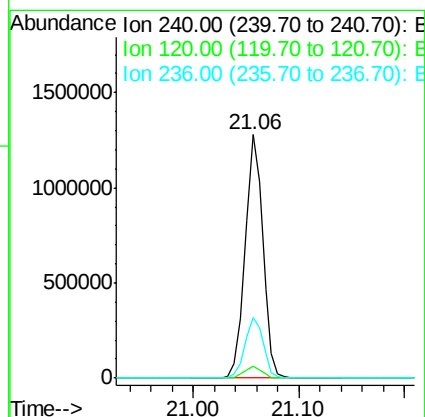
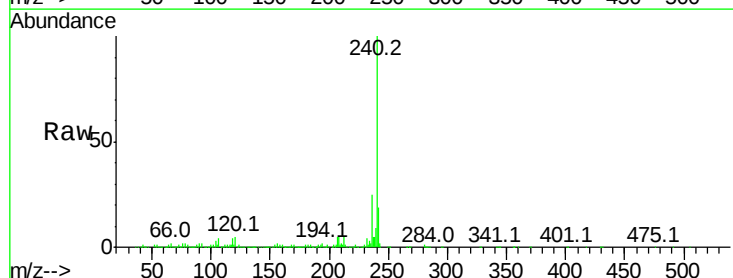
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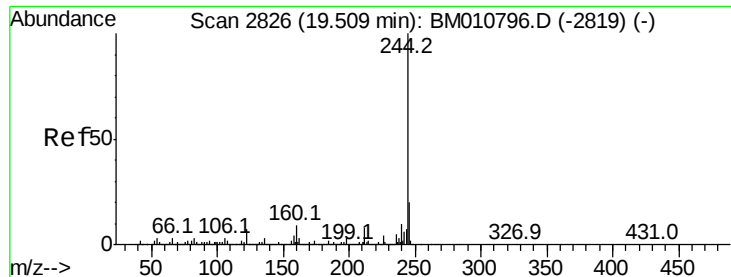
Tot Ion:188 Resp: 1153853
Ion Ratio Lower Upper
188 100
94 6.1 8.7 13.1#
80 8.2 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.06 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM010918.D
Acq: 20 Jul 2017 20:53

Tgt Ion:240 Resp: 1476736
Ion Ratio Lower Upper
240 100
120 5.0 8.2 12.2#
236 24.9 20.0 30.0





#78

Terphenyl-d14

Concen: 76.494 ng

RT: 19.50 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM010918.D

Acq: 20 Jul 2017 20:53

Instrument :

BNA_M

ClientSampleId :

72-12019/72-11985/72-12016-COMP

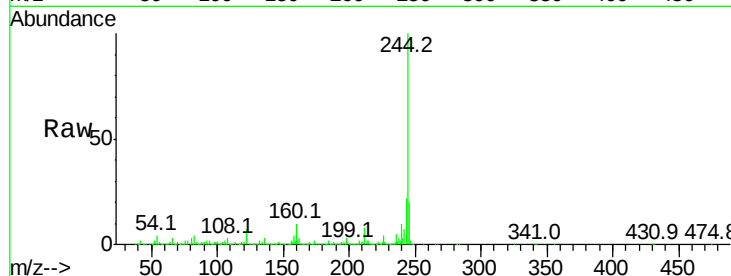
Tot Ion:244 Resp: 5840519

Ion Ratio Lower Upper

244 100

212 8.2 4.9 7.3#

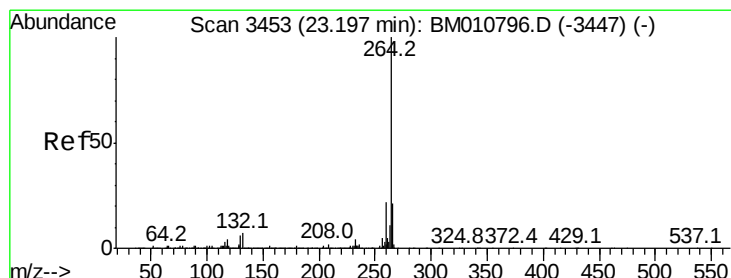
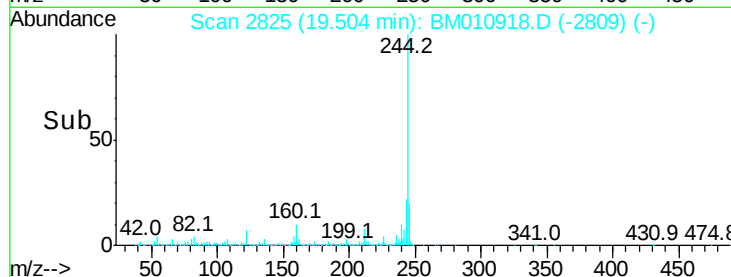
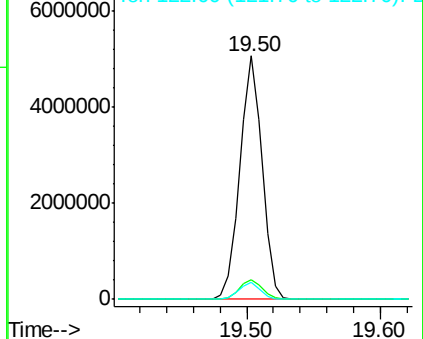
122 7.0 6.2 9.4



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: 20.000 ng

RT: 23.19 min Scan# 3451

Delta R.T. -0.01 min

Lab File: BM010918.D

Acq: 20 Jul 2017 20:53

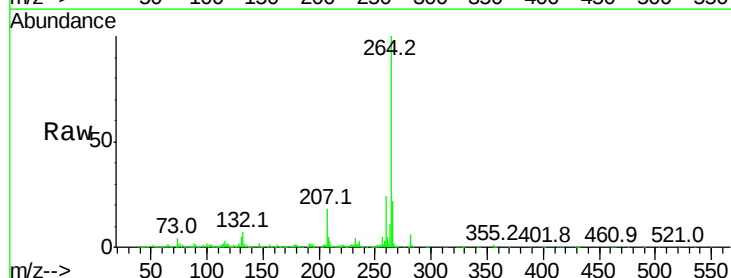
Tgt Ion:264 Resp: 1189983

Ion Ratio Lower Upper

264 100

260 24.2 18.6 27.8

265 22.3 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

