

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071817\
 Data File : BM010883.D
 Acq On : 18 Jul 2017 22:42
 Operator : SJ/JU
 Sample : I4199-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 3569-SPP4

Quant Time: Jul 19 01:05:29 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	182630	20.00	ng	-0.01
21) Naphthalene-d8	10.20	136	710975	20.00	ng	-0.01
38) Acenaphthene-d10	14.09	164	424785	20.00	ng	0.00
63) Phenanthrene-d10	16.84	188	944136	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1193633	20.00	ng	0.00
86) Perylene-d12	23.19	264	1192083	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	549029	49.80	ng	0.00
7) Phenol-d6	6.63	99	453422	29.83	ng	0.00
23) Nitrobenzene-d5	8.59	82	1631704	88.22	ng	0.00
41) 2,4,6-Tribromophenol	15.59	330	771722	118.88	ng	0.00
44) 2-Fluorobiphenyl	12.70	172	3184890	93.27	ng	0.00
78) Terphenyl-d14	19.50	244	4720846	76.49	ng	0.00

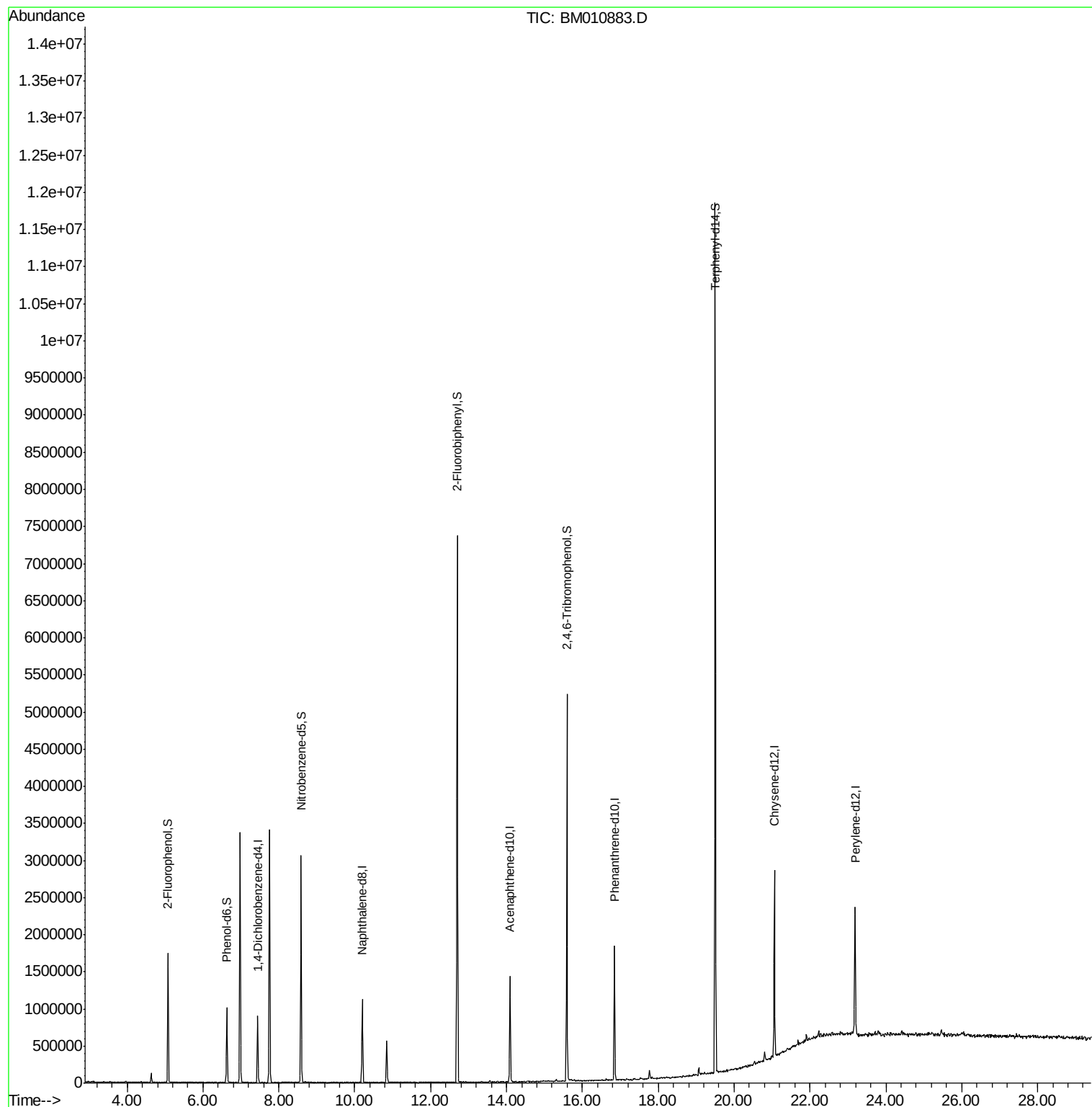
Target Compounds Qvalue

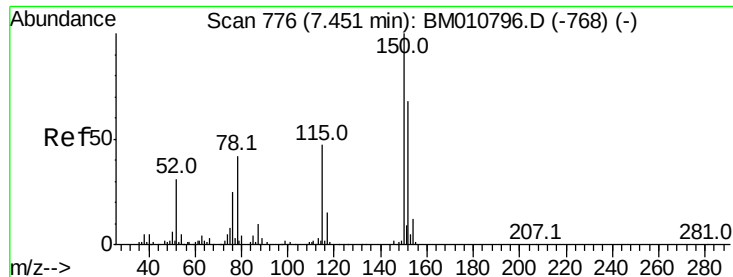
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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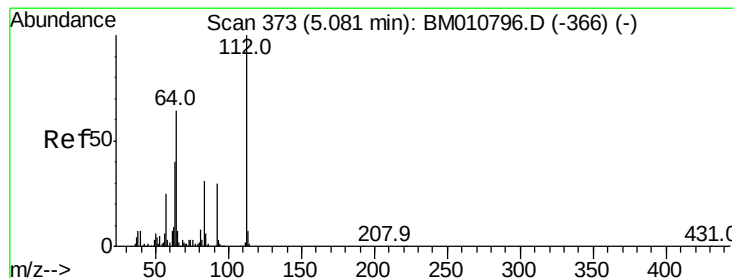
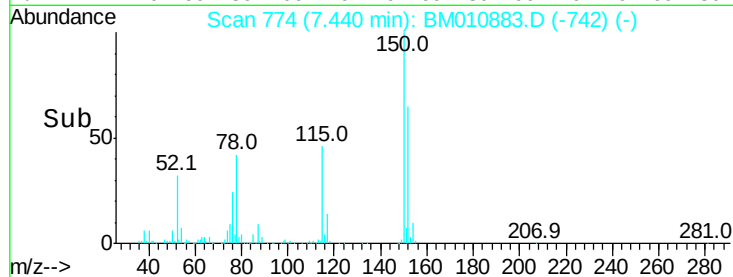
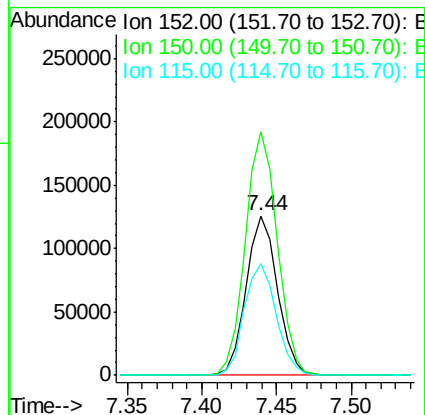
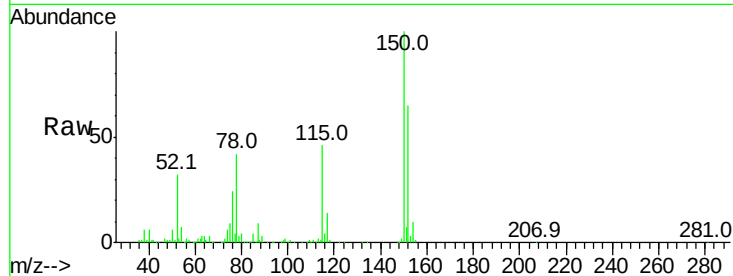


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM010883.D
Acq: 18 Jul 2017 22:42

Instrument :
BNA_M
ClientSampleId :
3569-SPP4

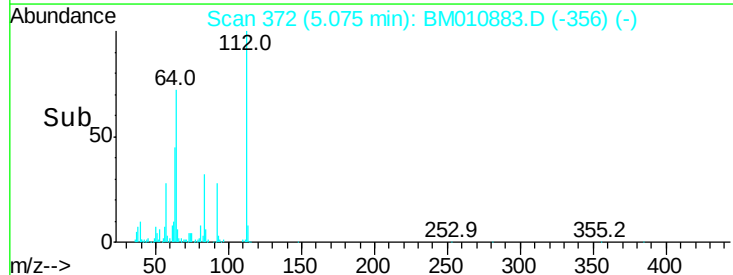
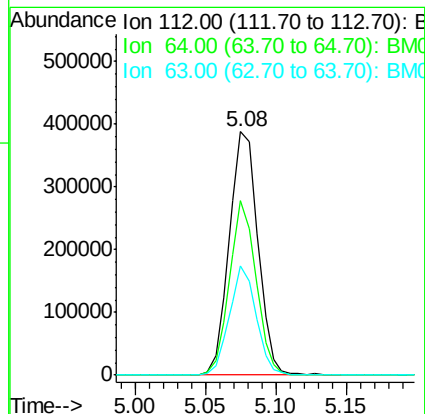
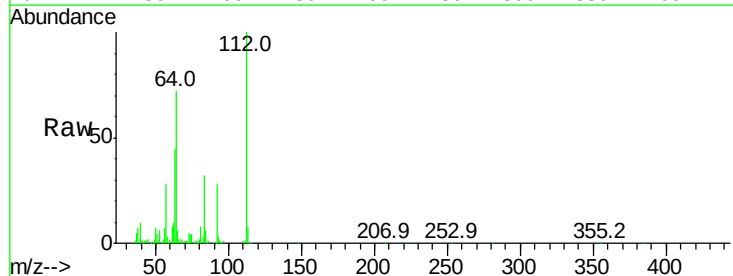
Tot Ion:152 Resp: 182630
Ion Ratio Lower Upper
152 100
150 152.8 119.5 179.3
115 70.0 43.0 64.4#

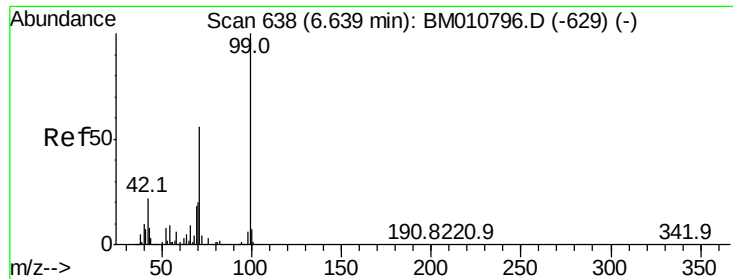


#5

2-Fluorophenol
Concen: 49.798 ng
RT: 5.08 min Scan# 372
Delta R.T. -0.00 min
Lab File: BM010883.D
Acq: 18 Jul 2017 22:42

Tgt Ion:112 Resp: 549029
Ion Ratio Lower Upper
112 100
64 71.8 38.6 57.8#
63 44.6 19.3 28.9#





#7

Phenol-d6

Concen: 29.832 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM010883.D

Acq: 18 Jul 2017 22:42

Instrument :

BNA_M

ClientSampleId :

3569-SPP4

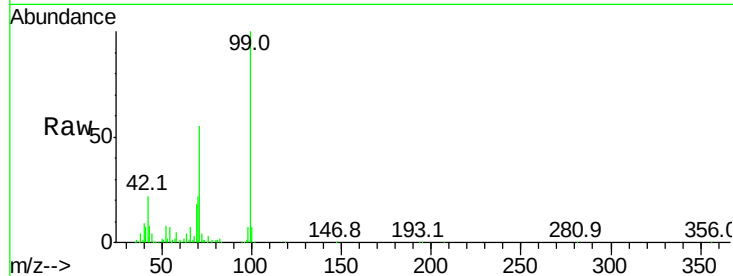
Tot Ion: 99 Resp: 453422

Ion Ratio Lower Upper

99 100

42 21.6 11.0 16.4#

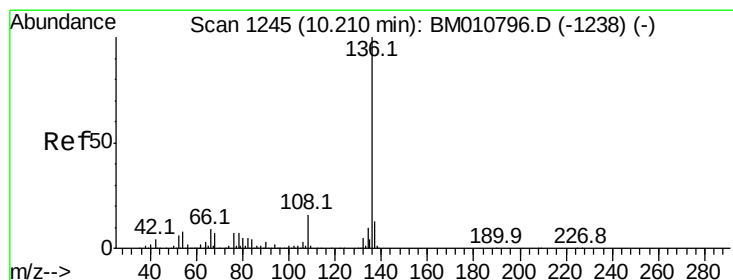
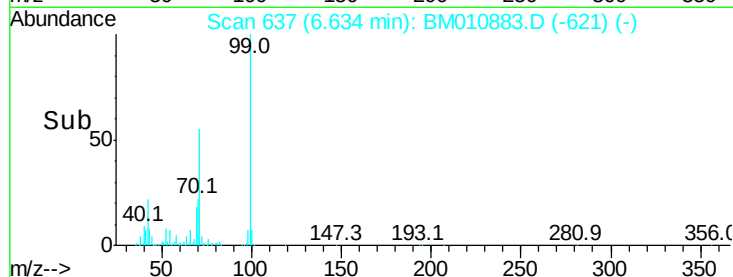
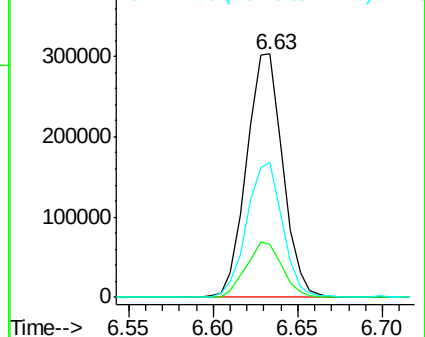
71 55.1 23.4 35.2#



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: 10.20 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BM010883.D

Acq: 18 Jul 2017 22:42

Tgt Ion: 136 Resp: 710975

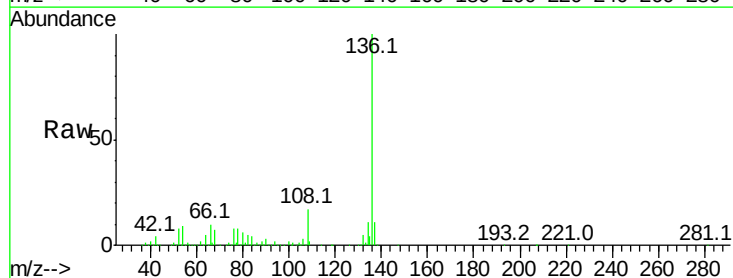
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 8.7 4.6 6.8#

68 7.4 3.7 5.5#

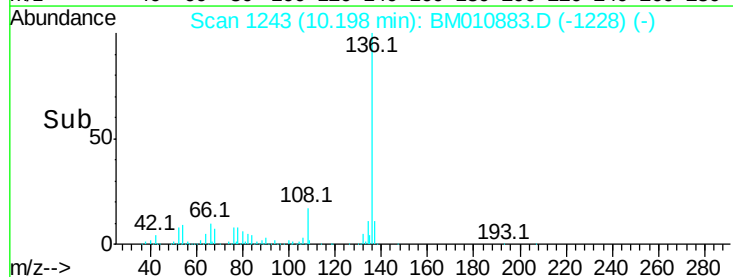
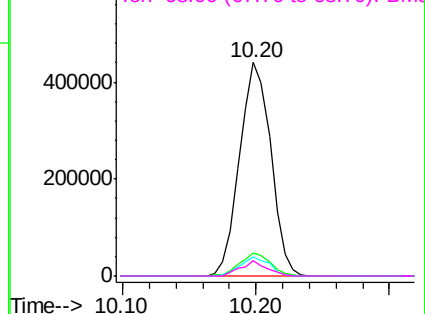


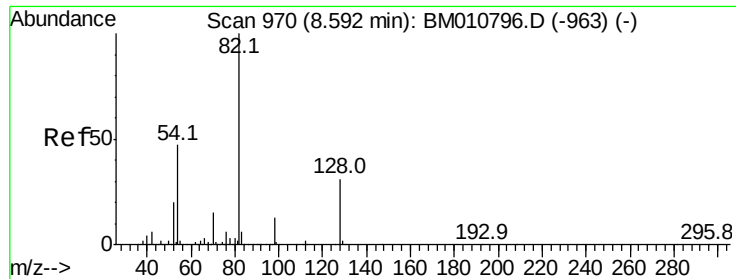
Abundance Ion 136.00 (135.70 to 136.70): BM010796.D (-1238) (-)

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: 88.215 ng

RT: 8.59 min Scan# 969

Delta R.T. -0.01 min

Lab File: BM010883.D

Acq: 18 Jul 2017 22:42

Instrument :

BNA_M

ClientSampled :

3569-SPP4

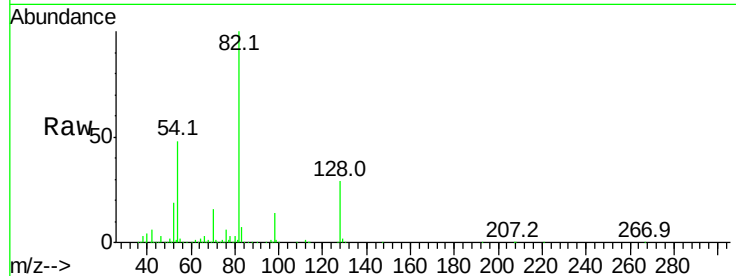
Tot Ion: 82 Resp: 1631704

Ion Ratio Lower Upper

82 100

128 28.7 32.8 49.2#

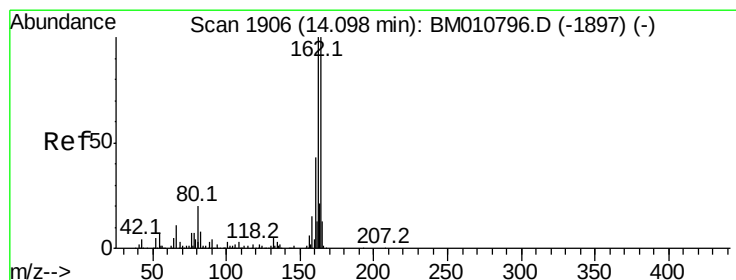
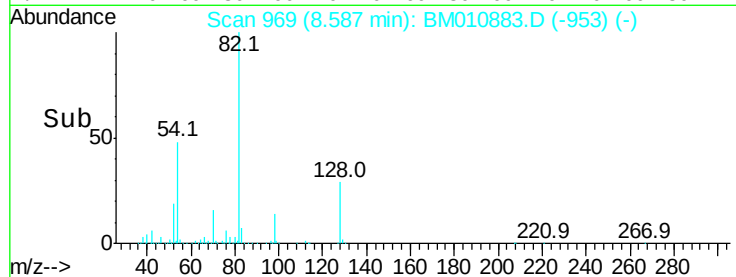
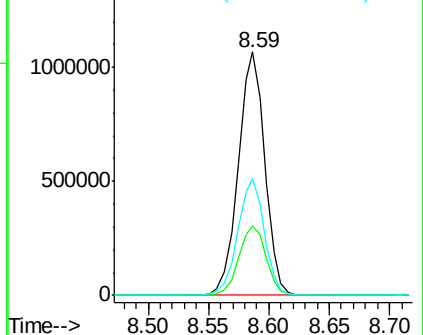
54 48.2 40.6 60.8



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# 1905

Delta R.T. -0.01 min

Lab File: BM010883.D

Acq: 18 Jul 2017 22:42

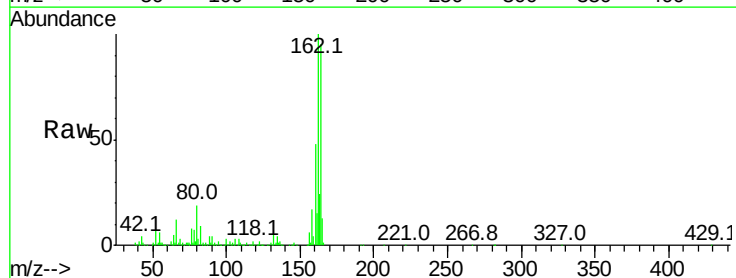
Tgt Ion: 164 Resp: 424785

Ion Ratio Lower Upper

164 100

162 105.5 82.4 123.6

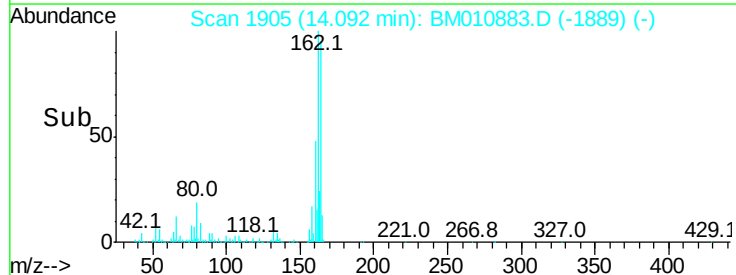
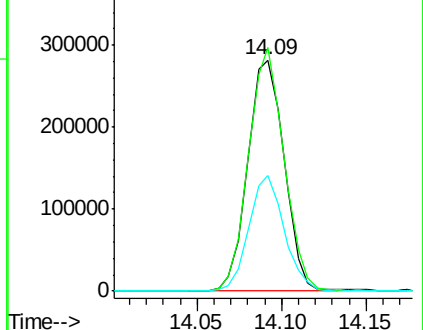
160 50.3 35.8 53.6

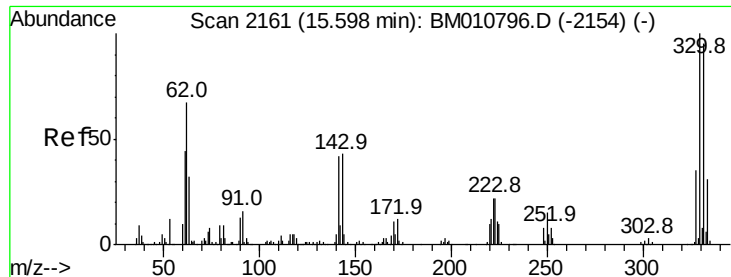


Abundance Ion 164.00 (163.70 to 164.70): BM010796.D (-1897) (-)

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: 118.882 ng

RT: 15.59 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BM010883.D

Acq: 18 Jul 2017 22:42

Instrument :

BNA_M

ClientSampleId :

3569-SPP4

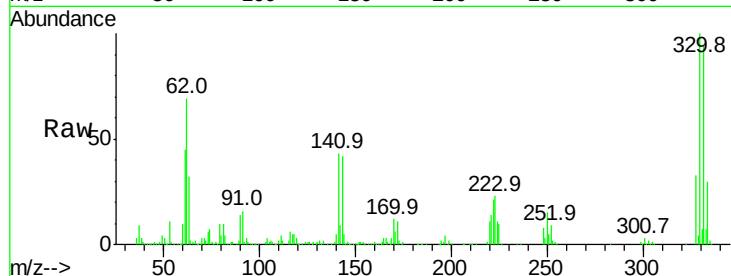
Tot Ion:330 Resp: 771722

Ion Ratio Lower Upper

330 100

332 97.4 0.0 0.0#

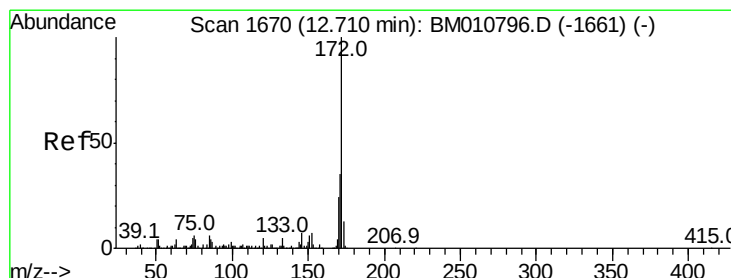
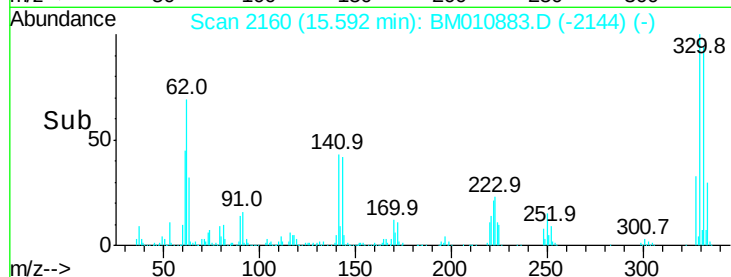
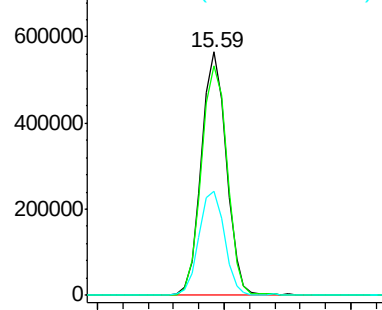
141 43.7 0.0 0.0#



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: 93.273 ng

RT: 12.70 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BM010883.D

Acq: 18 Jul 2017 22:42

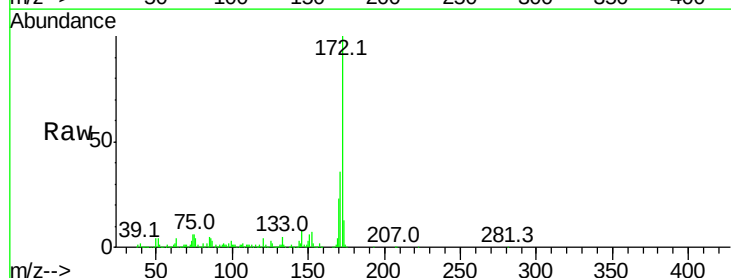
Tgt Ion:172 Resp: 3184890

Ion Ratio Lower Upper

172 100

171 35.6 28.5 42.7

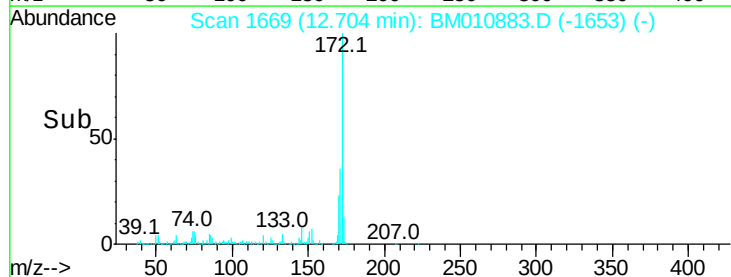
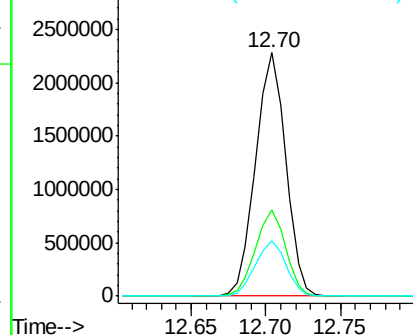
170 22.8 18.8 28.2

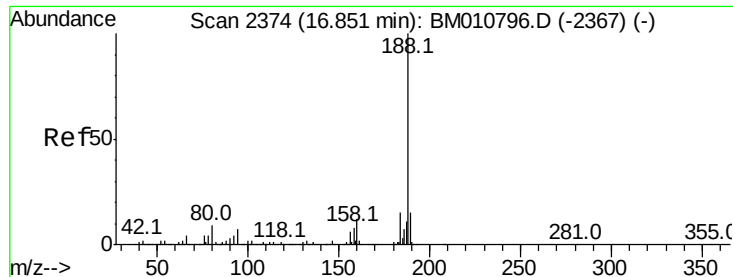


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

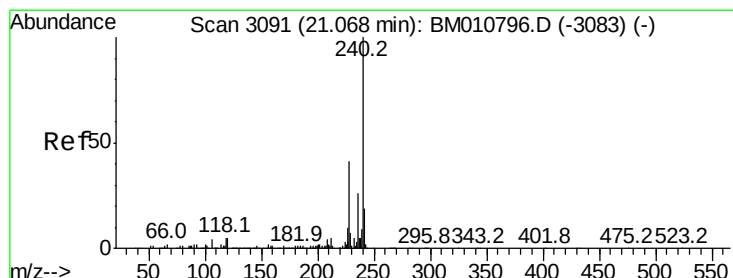
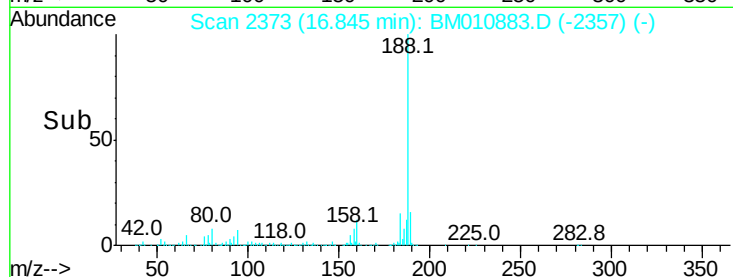
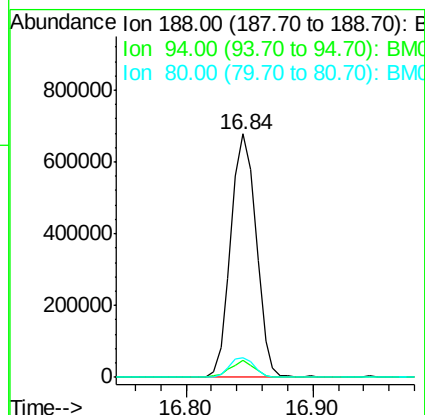
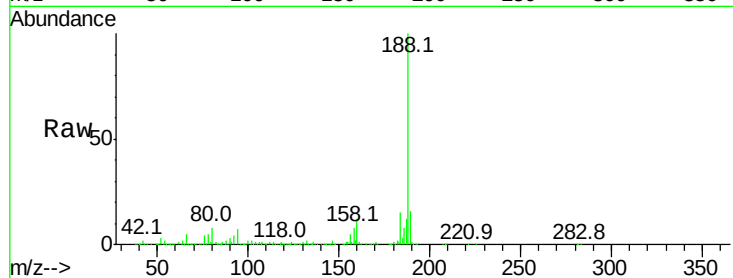




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.84 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BM010883.D
Acq: 18 Jul 2017 22:42

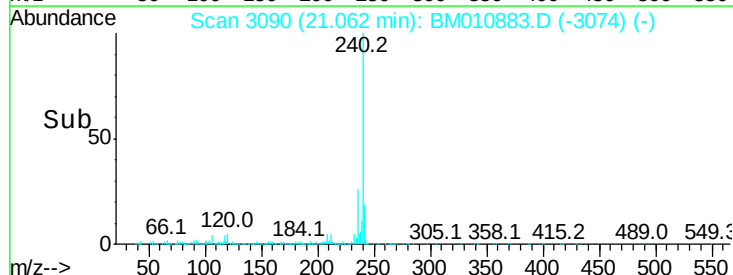
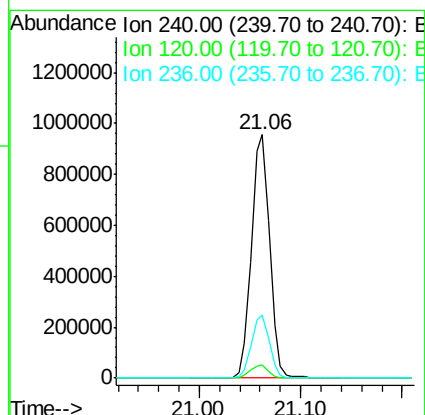
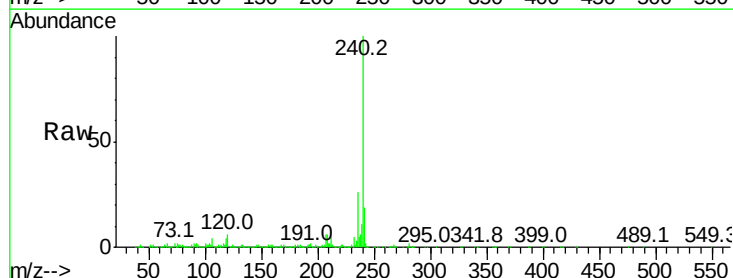
Instrument :
BNA_M
ClientSampleId :
3569-SPP4

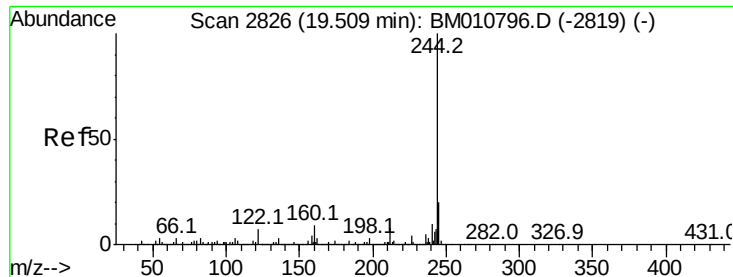
Tot Ion:188 Resp: 944136
Ion Ratio Lower Upper
188 100
94 7.0 8.7 13.1#
80 8.0 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM010883.D
Acq: 18 Jul 2017 22:42

Tgt Ion:240 Resp: 1193633
Ion Ratio Lower Upper
240 100
120 5.5 8.2 12.2#
236 26.1 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: BM010883.D

Acq: 18 Jul 2017 22:42

Instrument :

BNA_M

ClientSampleId :

3569-SPP4

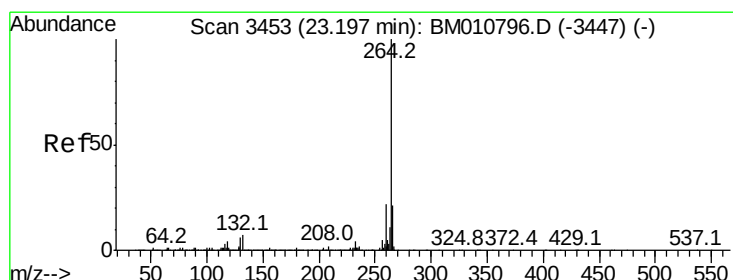
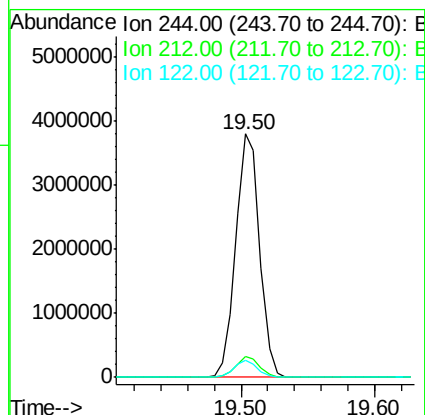
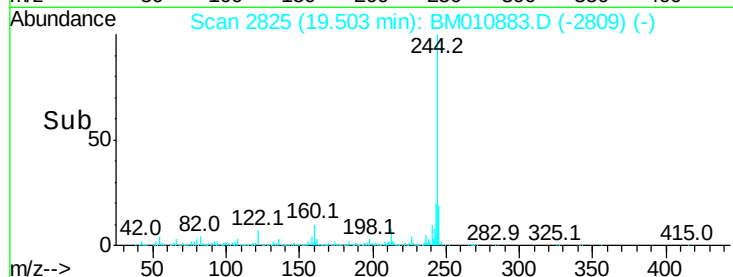
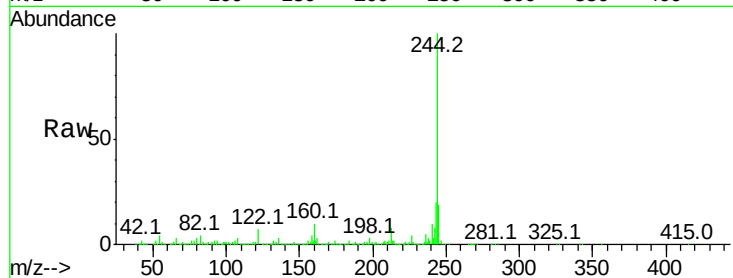
Tot Ion:244 Resp: 4720846

Ion Ratio Lower Upper

244 100

212 8.5 4.9 7.3#

122 6.9 6.2 9.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.19 min Scan# 3452

Delta R.T. -0.01 min

Lab File: BM010883.D

Acq: 18 Jul 2017 22:42

Tgt Ion:264 Resp: 1192083

Ion Ratio Lower Upper

264 100

260 24.5 18.6 27.8

265 20.3 17.3 25.9

