

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071817\
 Data File : BM010884.D
 Acq On : 18 Jul 2017 23:18
 Operator : SJ/JU
 Sample : I4199-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 3570-SPP4-DUP

Quant Time: Jul 19 01:05:51 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	240624	20.00	ng	-0.01
21) Naphthalene-d8	10.20	136	981849	20.00	ng	-0.01
38) Acenaphthene-d10	14.09	164	577495	20.00	ng	0.00
63) Phenanthrene-d10	16.84	188	1241573	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1590019	20.00	ng	0.00
86) Perylene-d12	23.19	264	1600854	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	942317	64.87	ng	0.00
7) Phenol-d6	6.63	99	787754	39.34	ng	0.00
23) Nitrobenzene-d5	8.59	82	2444861	95.71	ng	0.00
41) 2,4,6-Tribromophenol	15.59	330	1159491	131.38	ng	0.00
44) 2-Fluorobiphenyl	12.70	172	4631096	99.76	ng	0.00
78) Terphenyl-d14	19.50	244	6385841	77.68	ng	0.00

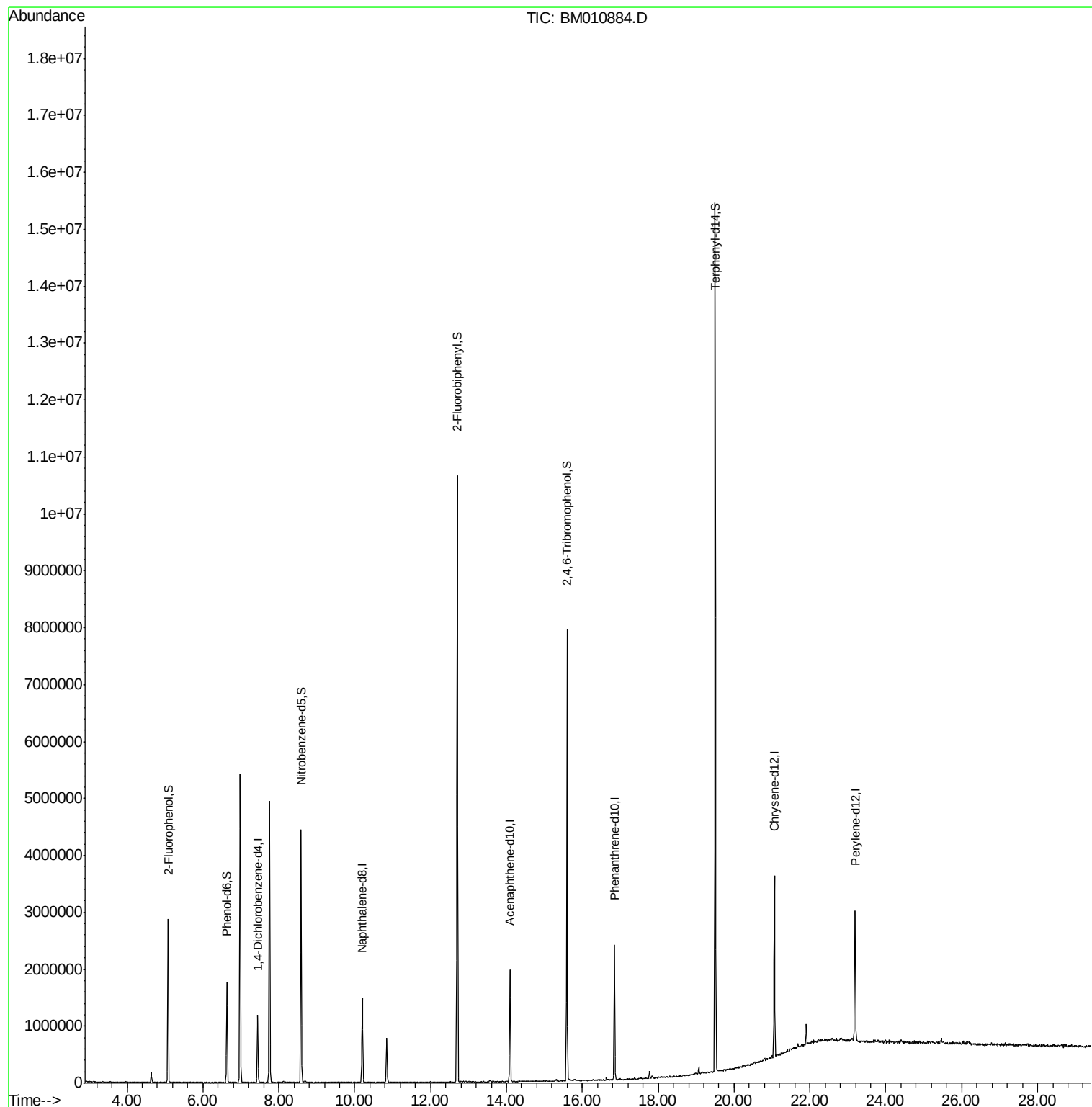
Target Compounds Qvalue

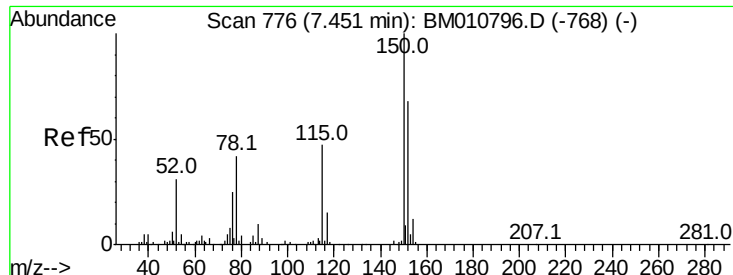
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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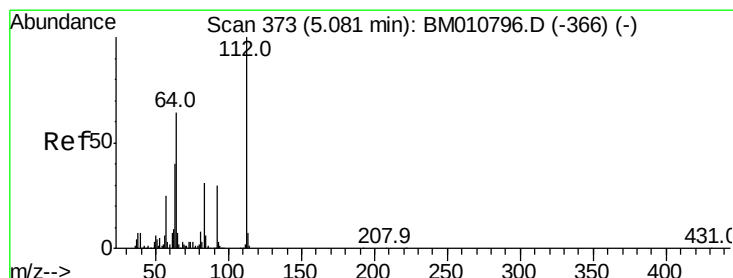
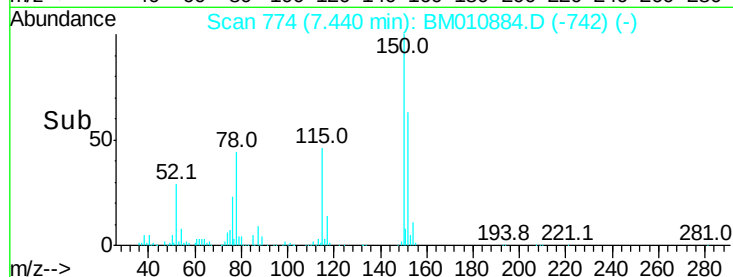
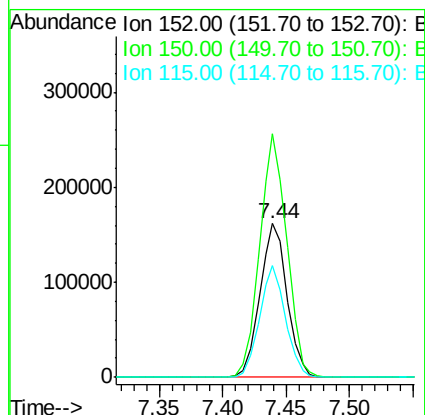
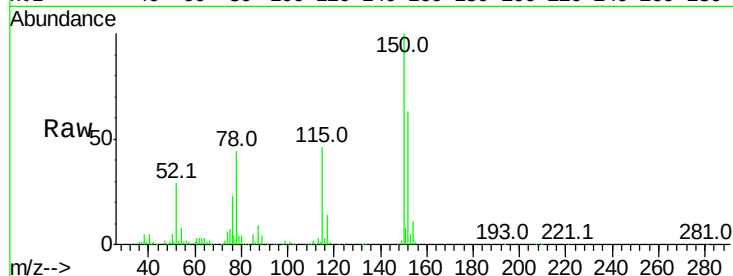


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM010884.D
Acq: 18 Jul 2017 23:18

Instrument :
BNA_M
ClientSampleId :
3570-SPP4-DUP

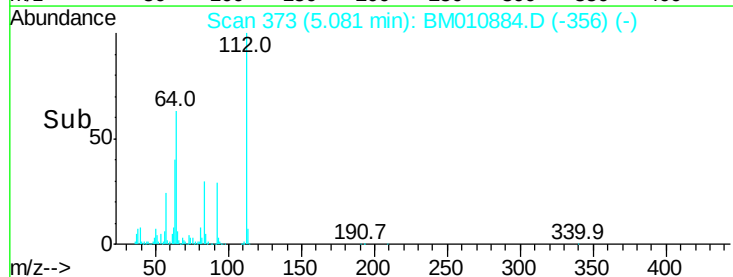
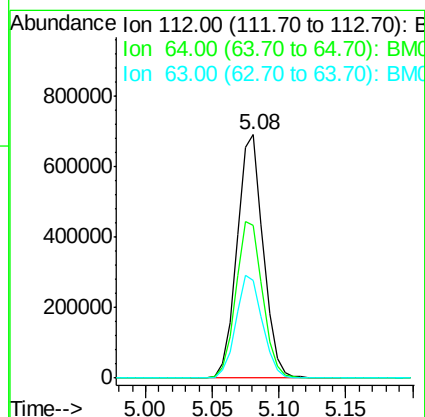
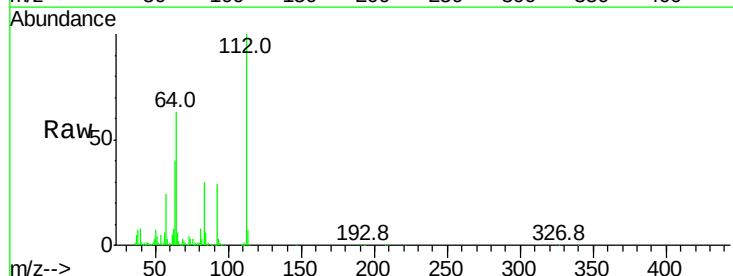
Tot Ion:152 Resp: 240624
Ion Ratio Lower Upper
152 100
150 158.4 119.5 179.3
115 72.7 43.0 64.4#

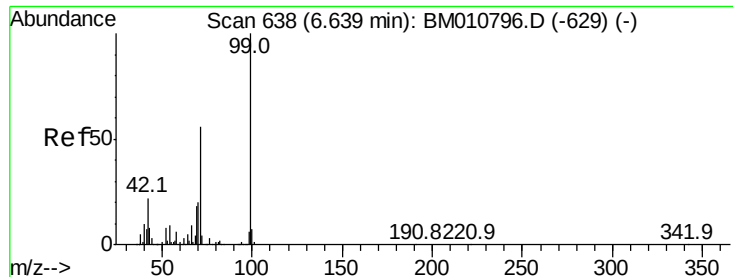


#5

2-Fluorophenol
Concen: 64.870 ng
RT: 5.08 min Scan# 373
Delta R.T. 0.00 min
Lab File: BM010884.D
Acq: 18 Jul 2017 23:18

Tgt Ion:112 Resp: 942317
Ion Ratio Lower Upper
112 100
64 63.0 38.6 57.8#
63 40.1 19.3 28.9#





#7

Phenol-d6

Concen: 39.337 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM010884.D

Acq: 18 Jul 2017 23:18

Instrument :

BNA_M

ClientSampleId :

3570-SPP4-DUP

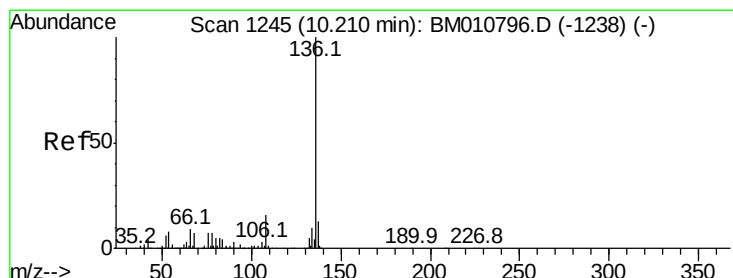
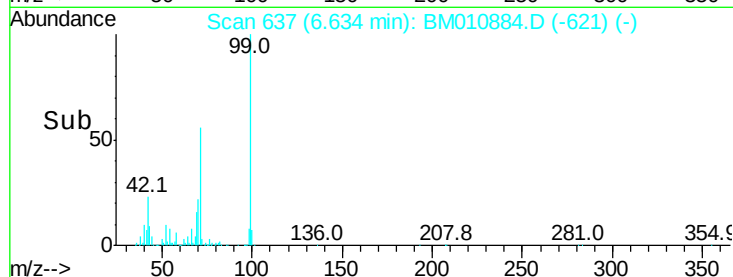
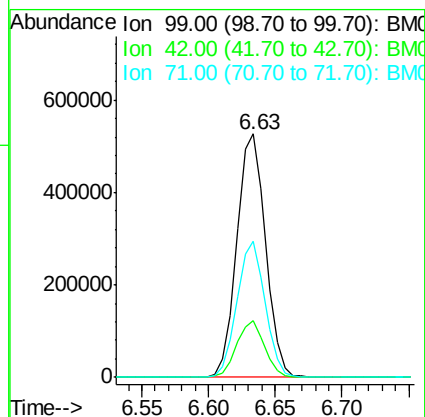
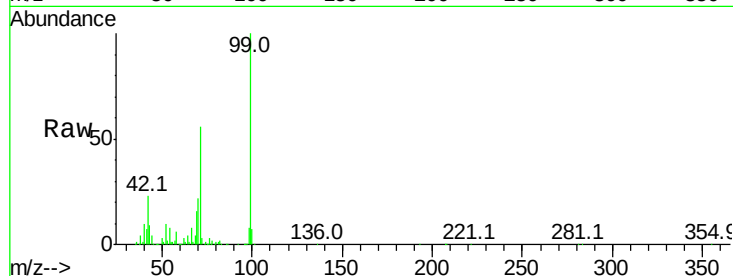
Tot Ion: 99 Resp: 787754

Ion Ratio Lower Upper

99 100

42 23.5 11.0 16.4#

71 55.7 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BM010884.D

Acq: 18 Jul 2017 23:18

Tgt Ion: 136 Resp: 981849

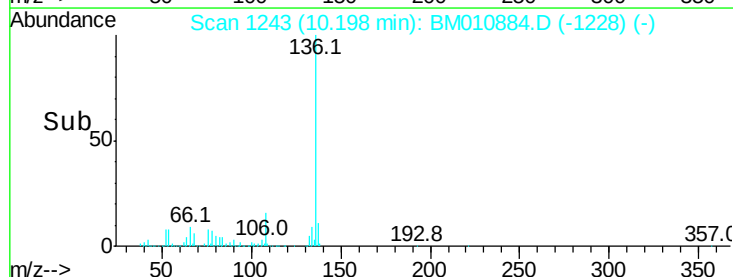
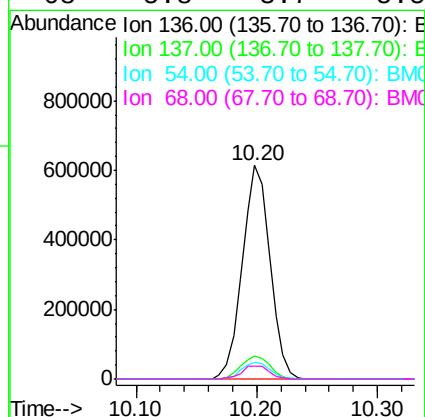
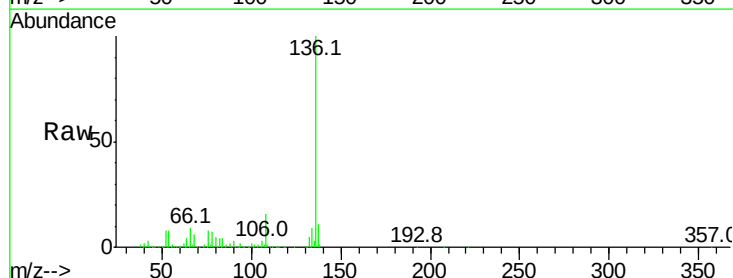
Ion Ratio Lower Upper

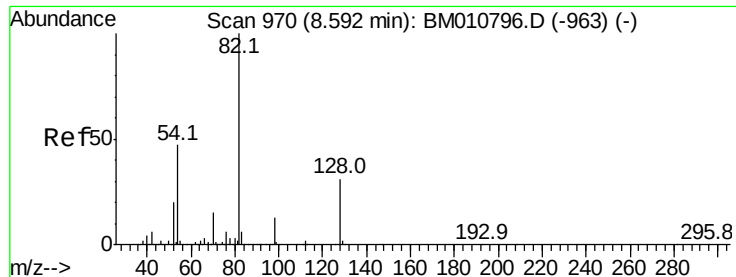
136 100

137 10.8 8.7 13.1

54 7.9 4.6 6.8#

68 5.8 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 95.712 ng

RT: 8.59 min Scan# 969

Delta R.T. -0.01 min

Lab File: BM010884.D

Acq: 18 Jul 2017 23:18

Instrument :

BNA_M

ClientSampleId :

3570-SPP4-DUP

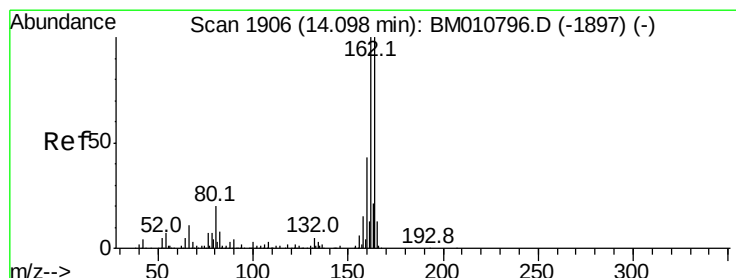
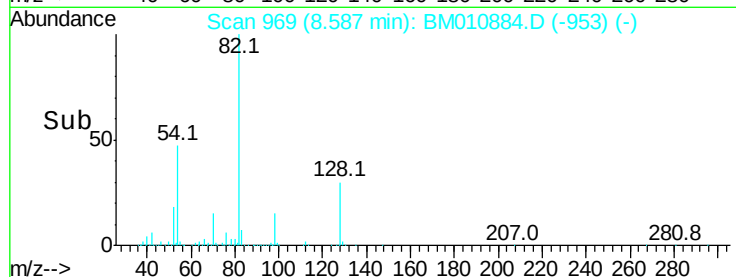
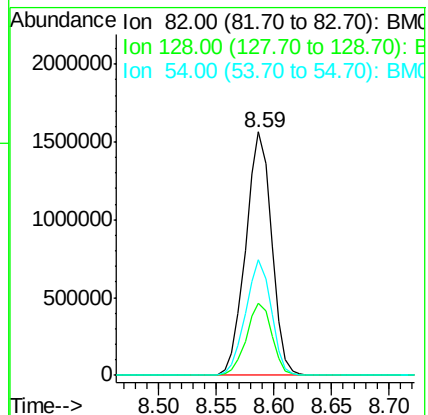
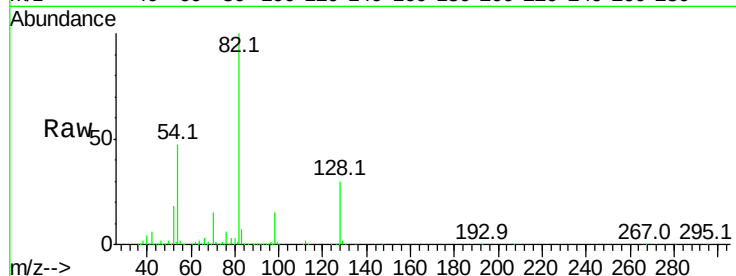
Tot Ion: 82 Resp: 2444861

Ion Ratio Lower Upper

82 100

128 29.8 32.8 49.2#

54 47.4 40.6 60.8



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.09 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BM010884.D

Acq: 18 Jul 2017 23:18

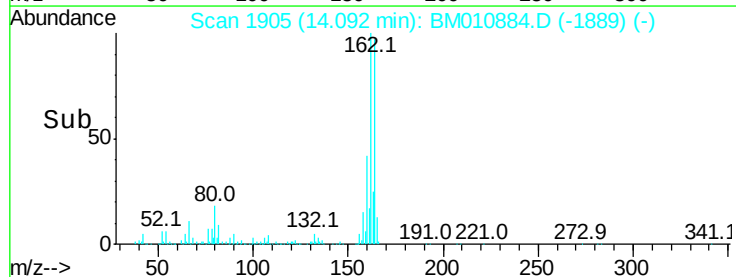
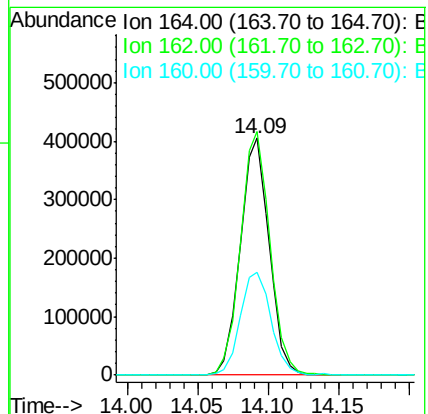
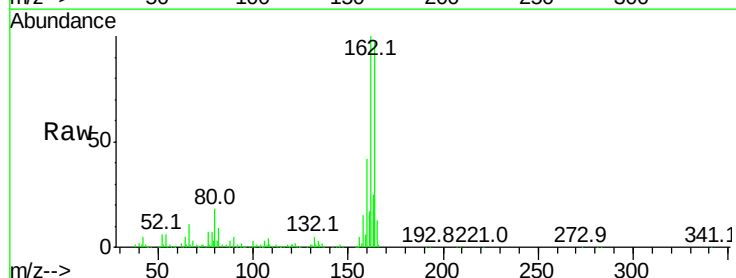
Tgt Ion:164 Resp: 577495

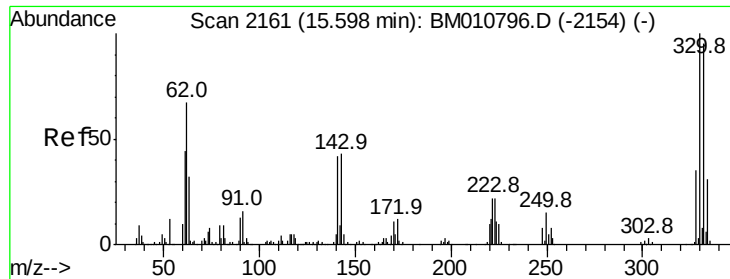
Ion Ratio Lower Upper

164 100

162 102.8 82.4 123.6

160 43.3 35.8 53.6

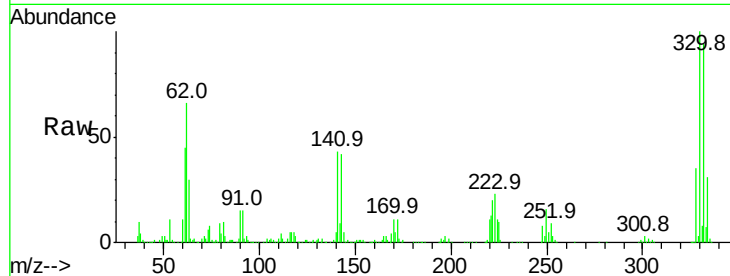




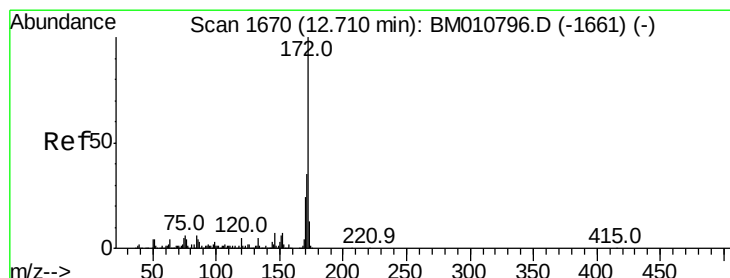
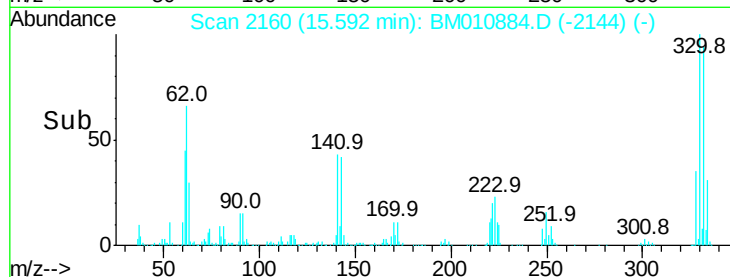
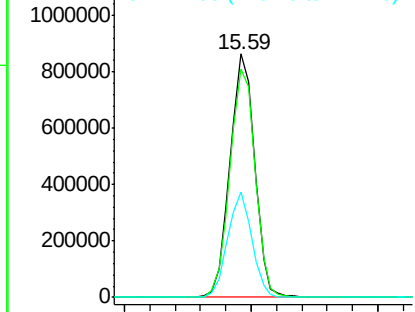
#41
 2,4,6-Tribromophenol
 Concen: 131.384 ng
 RT: 15.59 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BM010884.D
 Acq: 18 Jul 2017 23:18

Instrument :
 BNA_M
 ClientSampleId :
 3570-SPP4-DUP

Tot Ion:330 Resp: 1159491
 Ion Ratio Lower Upper
 330 100
 332 96.0 0.0 0.0#
 141 42.3 0.0 0.0#

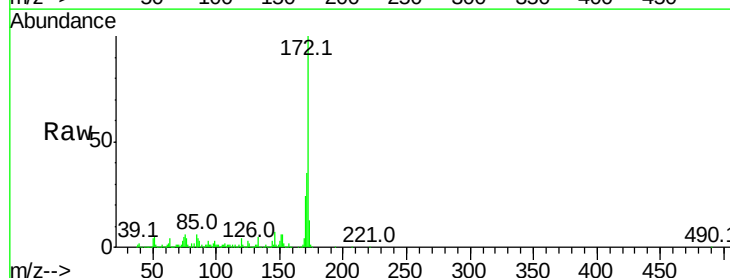


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

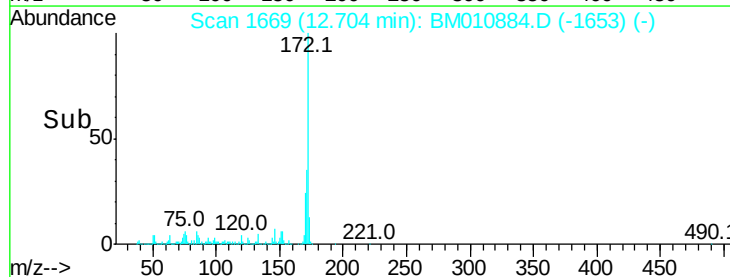
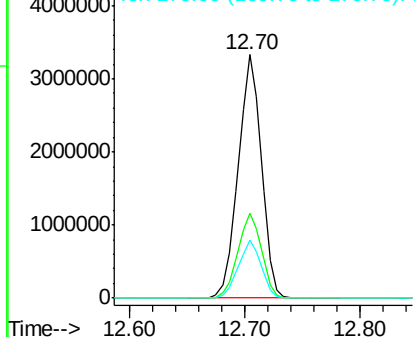


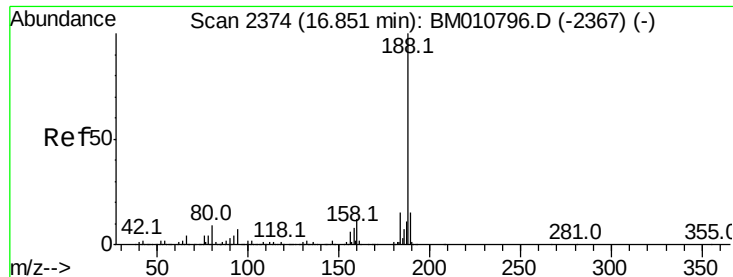
#44
 2-Fluorobiphenyl
 Concen: 99.762 ng
 RT: 12.70 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM010884.D
 Acq: 18 Jul 2017 23:18

Tgt Ion:172 Resp: 4631096
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.5 42.7
 170 23.9 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

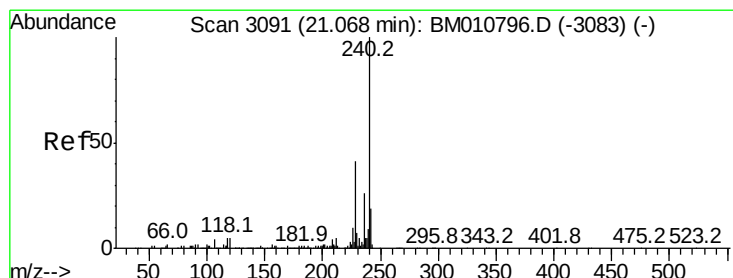
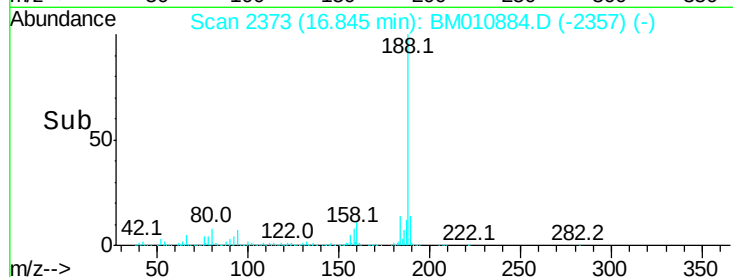
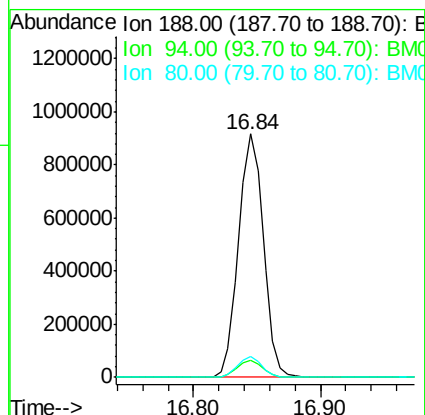
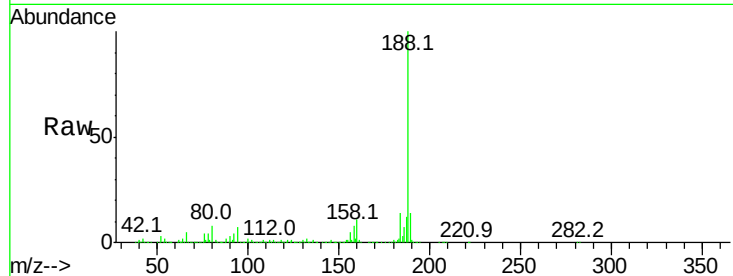




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.84 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BM010884.D
Acq: 18 Jul 2017 23:18

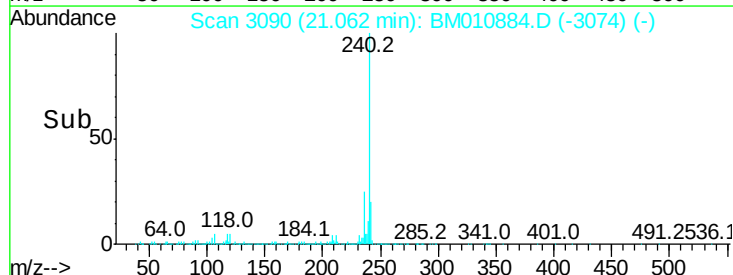
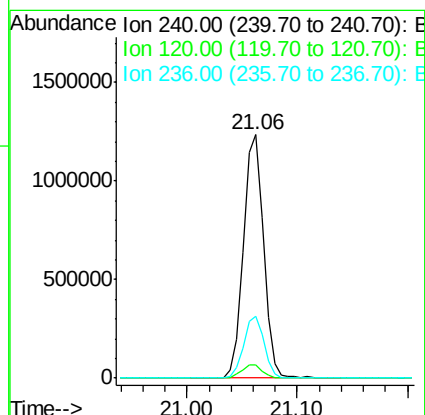
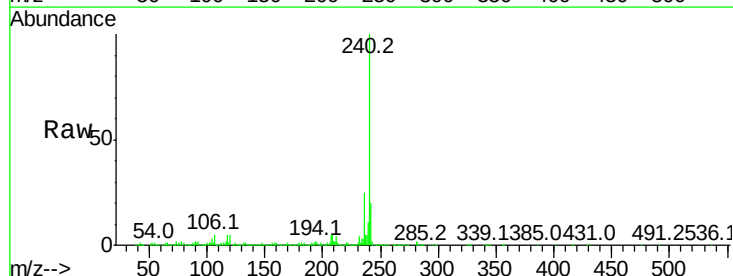
Instrument :
BNA_M
ClientSampleId :
3570-SPP4-DUP

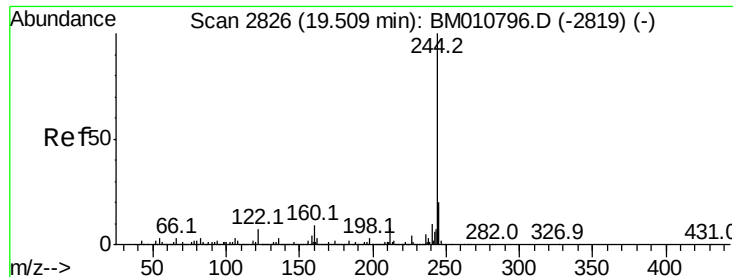
Tot Ion:188 Resp: 1241573
Ion Ratio Lower Upper
188 100
94 6.8 8.7 13.1#
80 8.5 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM010884.D
Acq: 18 Jul 2017 23:18

Tgt Ion:240 Resp: 1590019
Ion Ratio Lower Upper
240 100
120 5.2 8.2 12.2#
236 25.5 20.0 30.0





#78

Terphenyl-d14

Concen: 77.678 ng

RT: 19.50 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM010884.D

Acq: 18 Jul 2017 23:18

Instrument :

BNA_M

ClientSampleId :

3570-SPP4-DUP

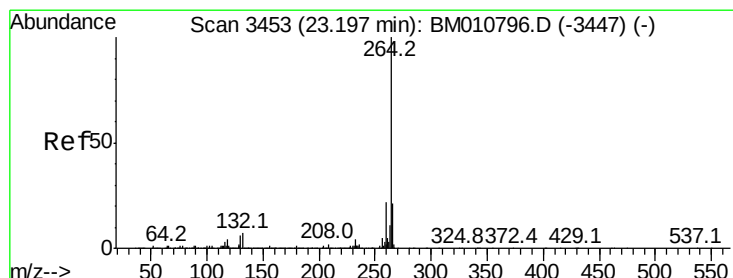
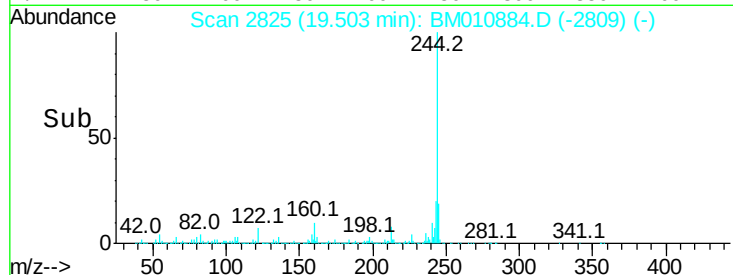
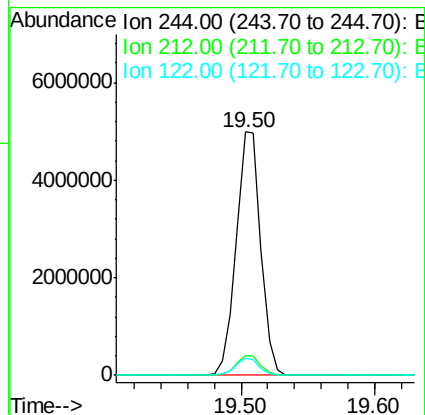
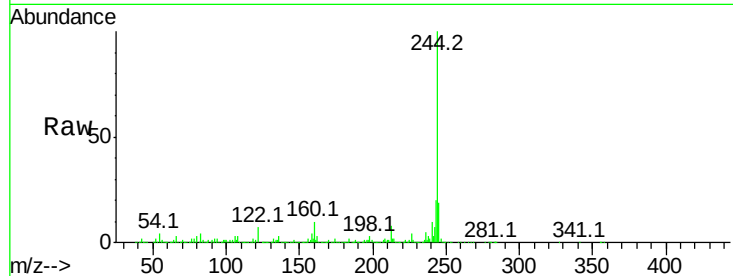
Tot Ion:244 Resp: 6385841

Ion Ratio Lower Upper

244 100

212 8.3 4.9 7.3#

122 7.2 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: BM010884.D

Acq: 18 Jul 2017 23:18

Tgt Ion:264 Resp: 1600854

Ion Ratio Lower Upper

264 100

260 25.0 18.6 27.8

265 21.5 17.3 25.9

