

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
 Data File : BM010868.D
 Acq On : 18 Jul 2017 11:19
 Operator : SJ/JU
 Sample : I4185-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 18 14:45:23 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	205141	20.00	ng	-0.01
21) Naphthalene-d8	10.20	136	814245	20.00	ng	0.00
38) Acenaphthene-d10	14.09	164	503754	20.00	ng	0.00
63) Phenanthrene-d10	16.84	188	1234371	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1072814	20.00	ng	0.00
86) Perylene-d12	23.19	264	522335	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	1850460	149.42	ng	0.00
7) Phenol-d6	6.64	99	2248168	131.68	ng	0.00
23) Nitrobenzene-d5	8.59	82	2087603	98.55	ng	0.00
41) 2,4,6-Tribromophenol	15.60	330	1238998	160.94	ng	0.00
44) 2-Fluorobiphenyl	12.70	172	4148376	102.44	ng	0.00
78) Terphenyl-d14	19.51	244	5702713	102.81	ng	0.00

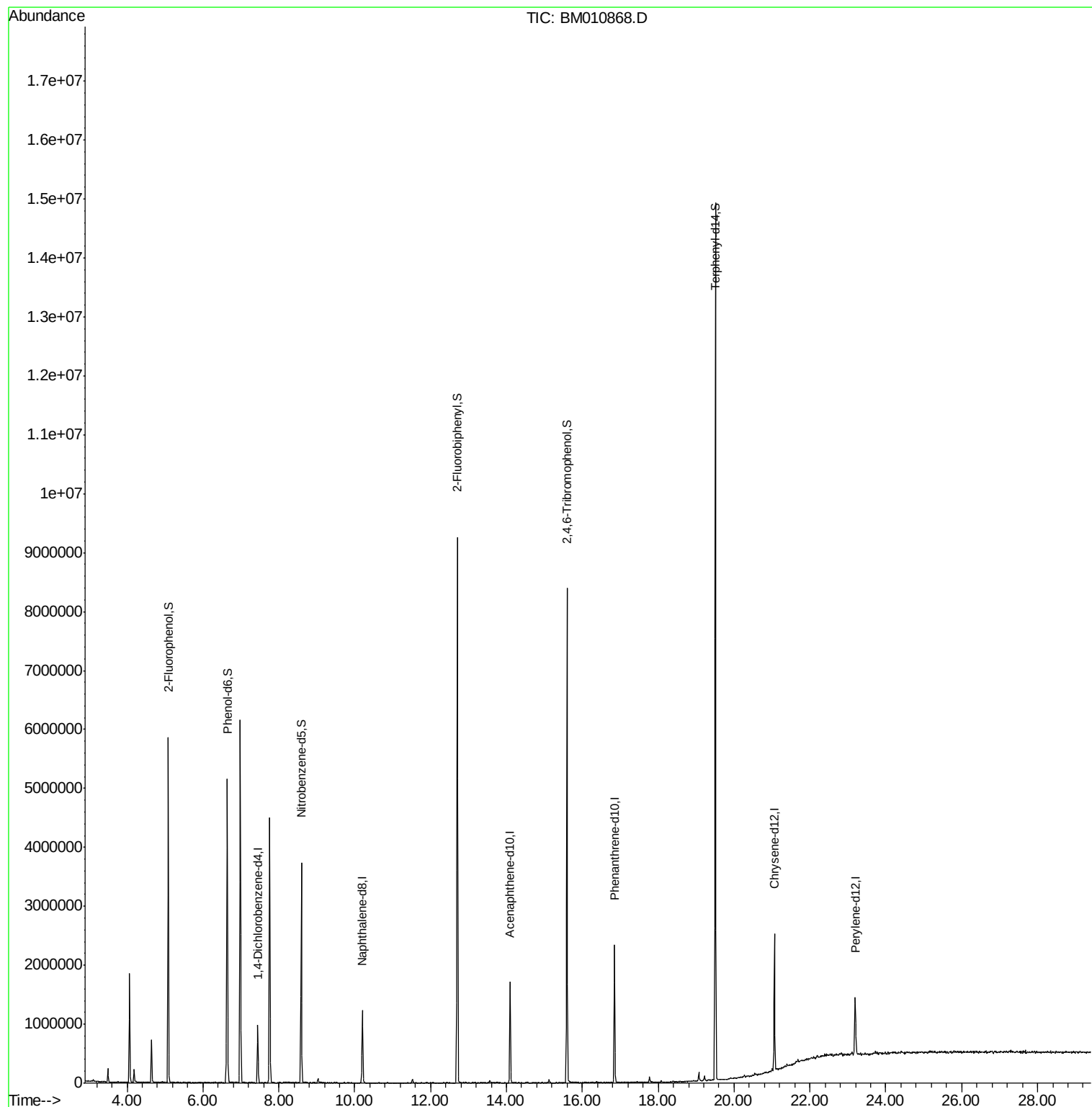
Target Compounds Qvalue

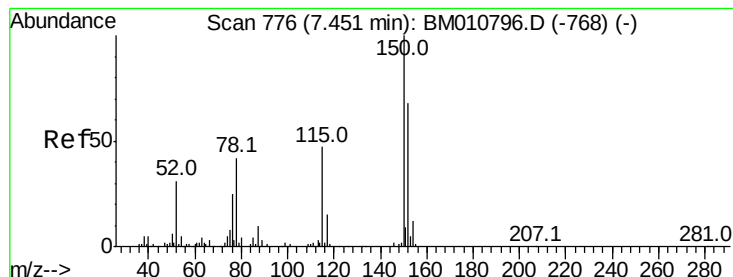
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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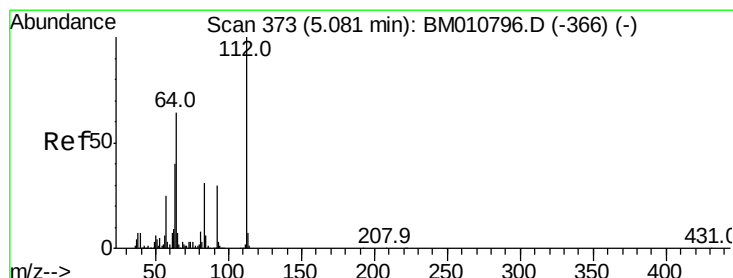
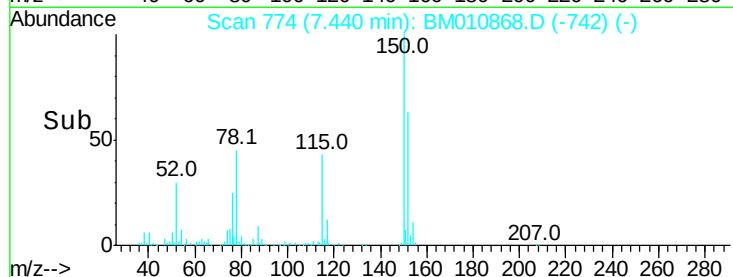
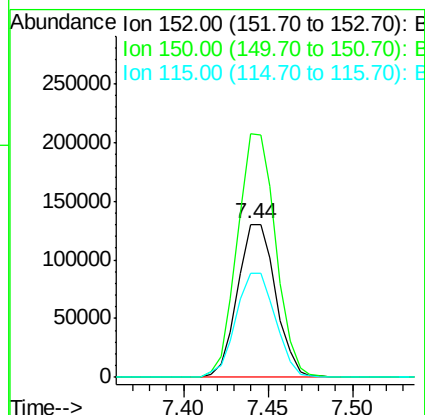
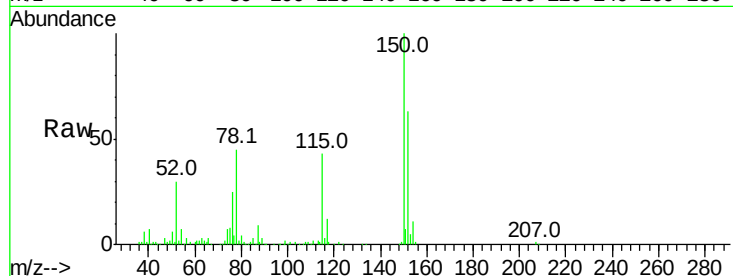


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM010868.D
Acq: 18 Jul 2017 11:19

Instrument :
BNA_M
ClientSampleId :

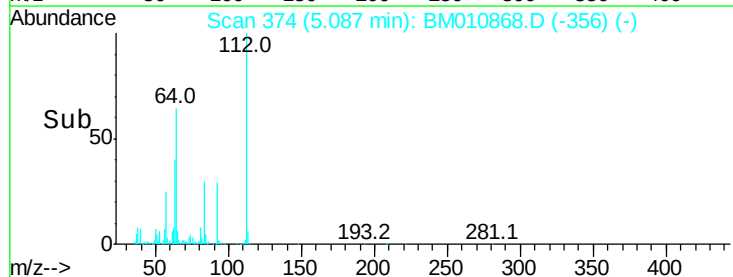
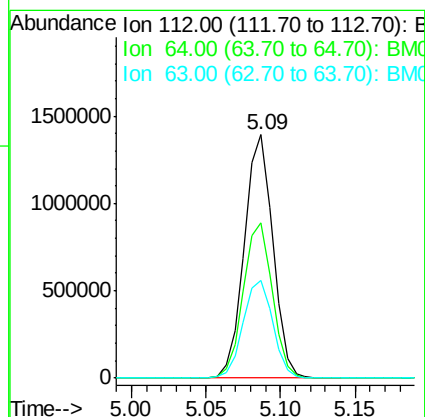
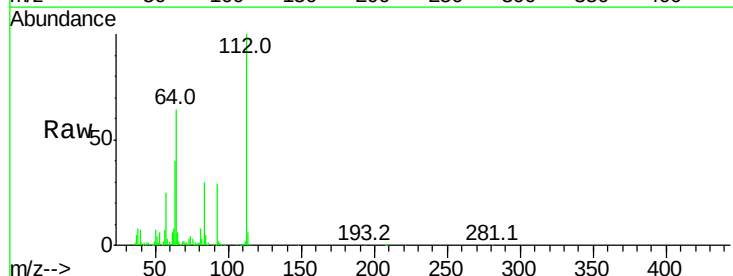
Tot Ion:152 Resp: 205141
Ion Ratio Lower Upper
152 100
150 159.4 119.5 179.3
115 68.4 43.0 64.4#

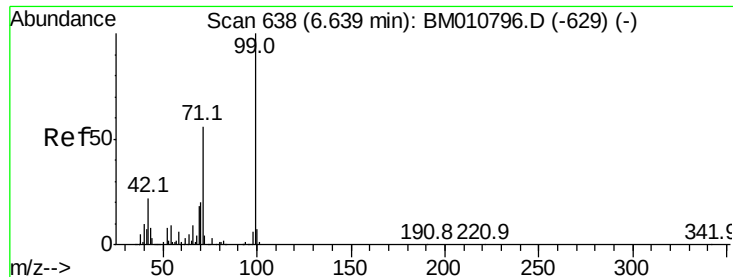


#5

2-Fluorophenol
Concen: 149.423 ng
RT: 5.09 min Scan# 374
Delta R.T. 0.01 min
Lab File: BM010868.D
Acq: 18 Jul 2017 11:19

Tgt Ion:112 Resp: 1850460
Ion Ratio Lower Upper
112 100
64 64.0 38.6 57.8#
63 40.1 19.3 28.9#





#7

Phenol-d6

Concen: 131.683 ng

RT: 6.64 min Scan# 638

Delta R.T. 0.00 min

Lab File: BM010868.D

Acq: 18 Jul 2017 11:19

Instrument :

BNA_M

ClientSampleId :

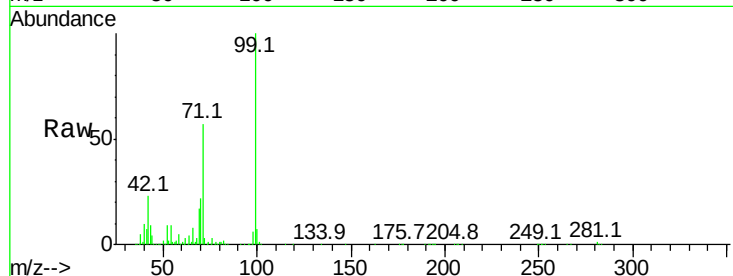
Tot Ion: 99 Resp: 2248168

Ion Ratio Lower Upper

99 100

42 23.2 11.0 16.4#

71 57.5 23.4 35.2#



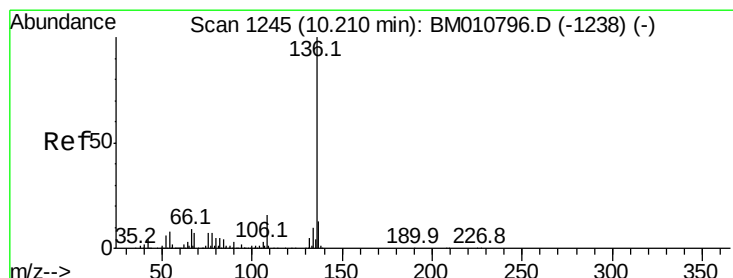
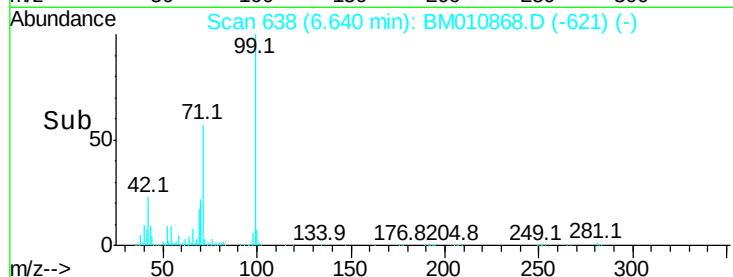
Abundance Ion 99.00 (98.70 to 99.70): BM010796.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM010796.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM010796.D (-629) (-)

6.64

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BM010868.D

Acq: 18 Jul 2017 11:19

Tgt Ion: 136 Resp: 814245

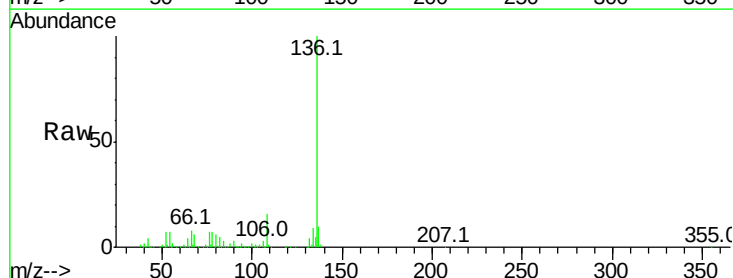
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 7.5 4.6 6.8#

68 5.6 3.7 5.5#



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

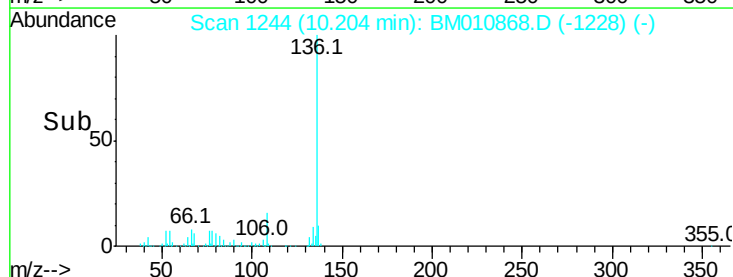
Ion 137.00 (136.70 to 137.70): BM010796.D (-1238) (-)

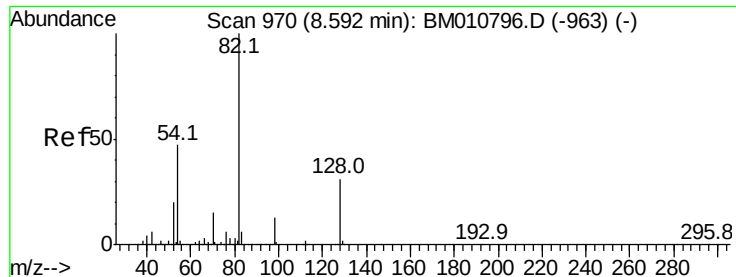
Ion 54.00 (53.70 to 54.70): BM010796.D (-1238) (-)

Ion 68.00 (67.70 to 68.70): BM010796.D (-1238) (-)

10.20

Time-->





#23

Nitrobenzene-d5

Concen: 98.548 ng

RT: 8.59 min Scan# 970

Delta R.T. 0.00 min

Lab File: BM010868.D

Acq: 18 Jul 2017 11:19

Instrument :

BNA_M

ClientSampleId :

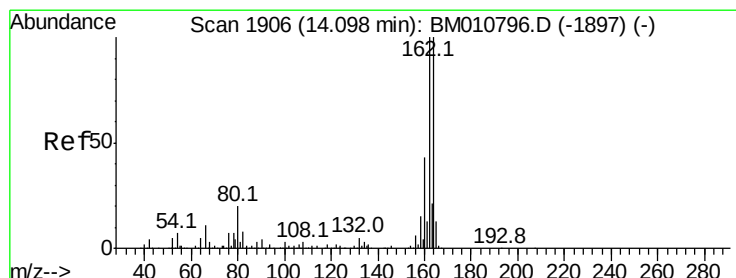
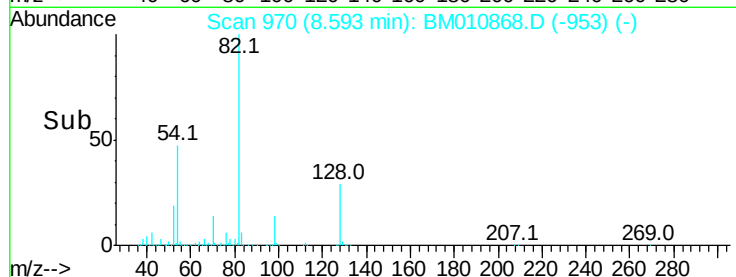
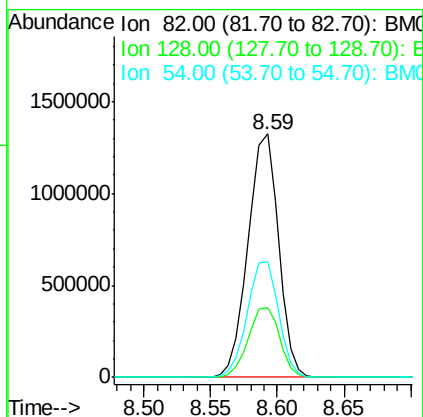
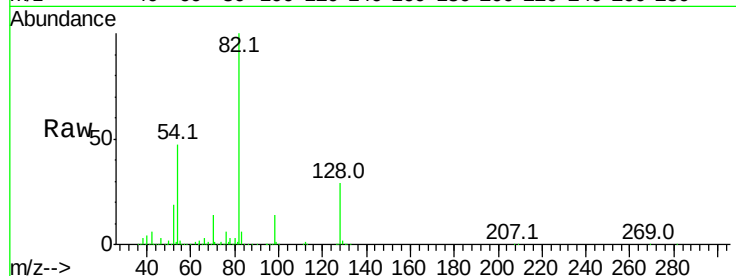
Tot Ion: 82 Resp: 2087603

Ion Ratio Lower Upper

82 100

128 28.5 32.8 49.2#

54 47.5 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: BM010868.D

Acq: 18 Jul 2017 11:19

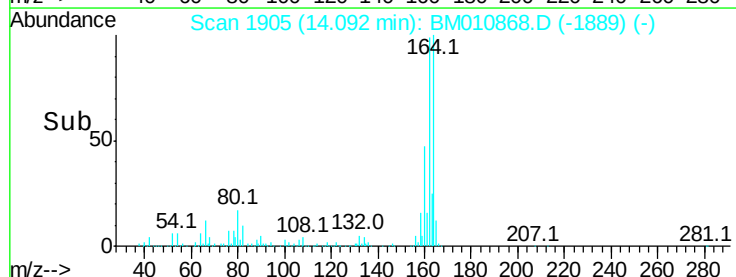
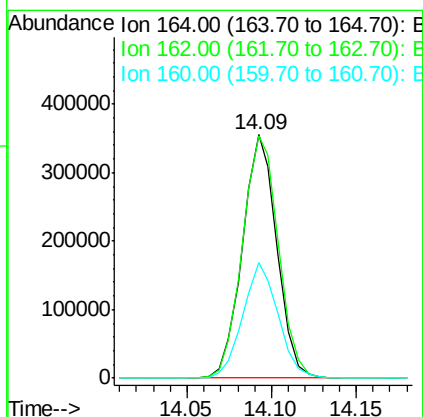
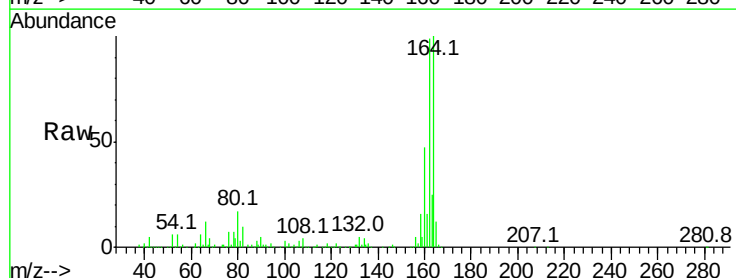
Tgt Ion: 164 Resp: 503754

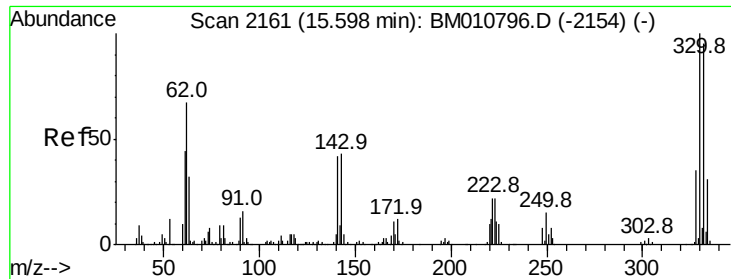
Ion Ratio Lower Upper

164 100

162 99.5 82.4 123.6

160 47.4 35.8 53.6

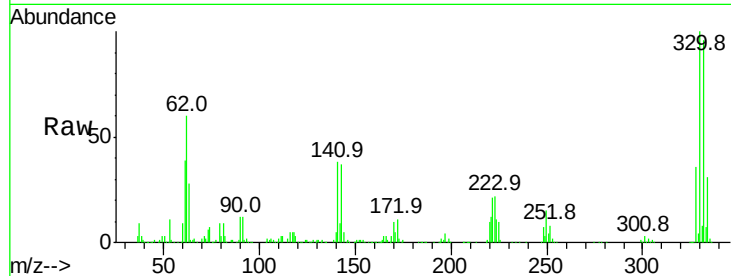




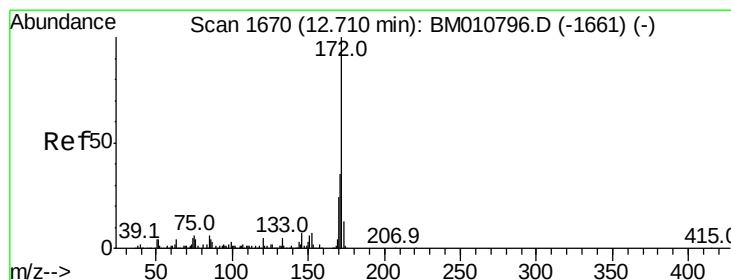
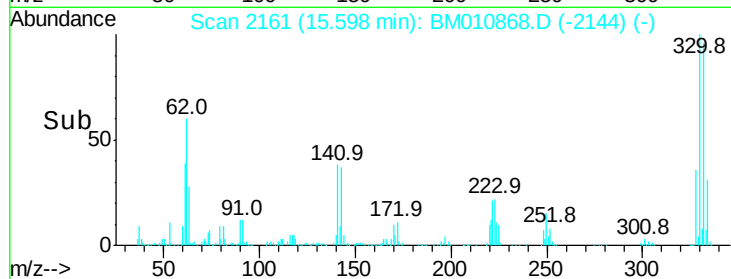
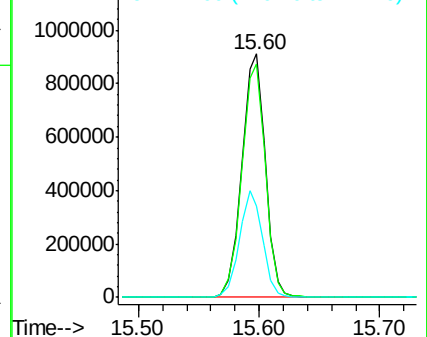
#41
 2,4,6-Tribromophenol
 Concen: 160.944 ng
 RT: 15.60 min Scan# 2161
 Delta R.T. 0.00 min
 Lab File: BM010868.D
 Acq: 18 Jul 2017 11:19

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 1238998
 Ion Ratio Lower Upper
 330 100
 332 96.1 0.0 0.0#
 141 42.8 0.0 0.0#

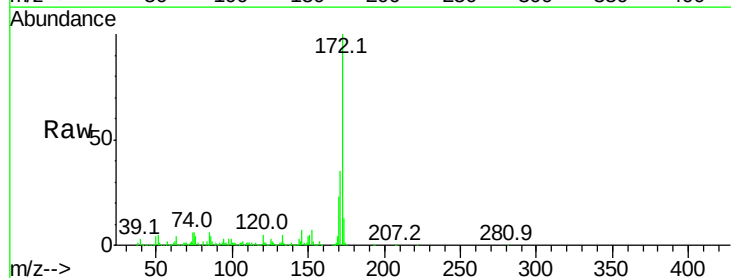


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

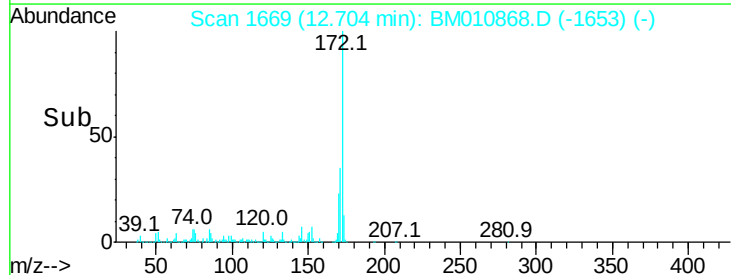
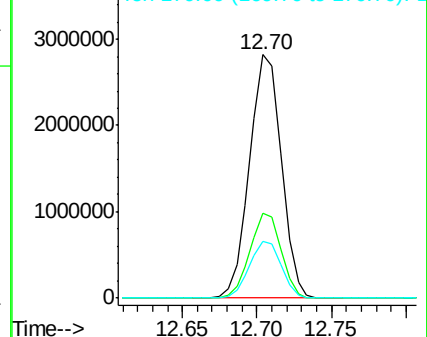


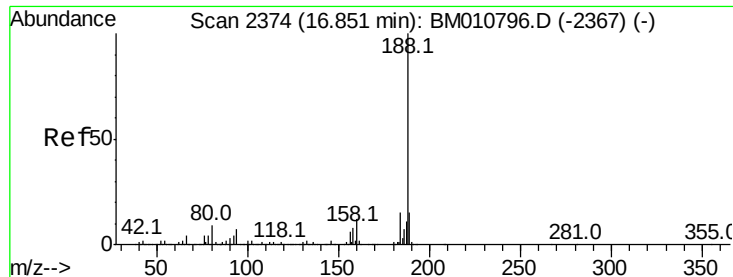
#44
 2-Fluorobiphenyl
 Concen: 102.444 ng
 RT: 12.70 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM010868.D
 Acq: 18 Jul 2017 11:19

Tgt Ion:172 Resp: 4148376
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.5 42.7
 170 23.4 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

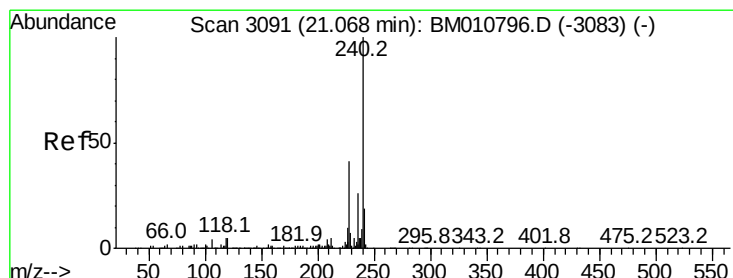
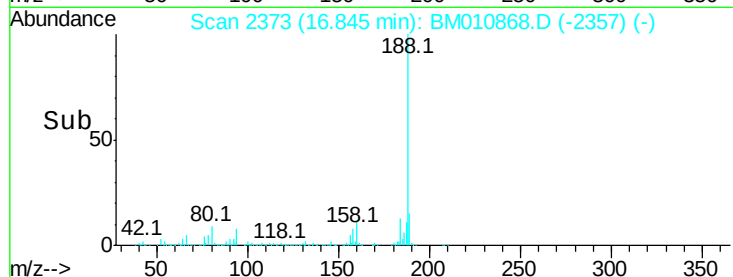
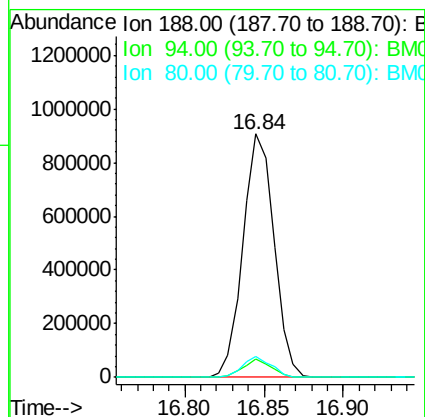
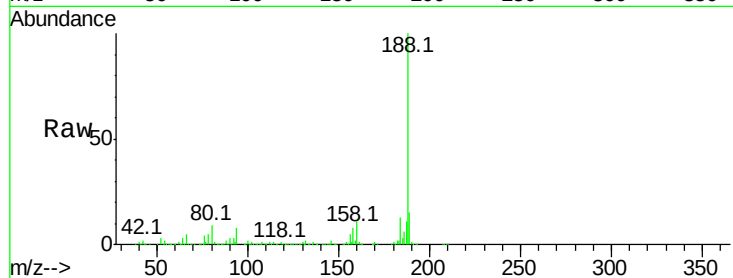




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.84 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BM010868.D
Acq: 18 Jul 2017 11:19

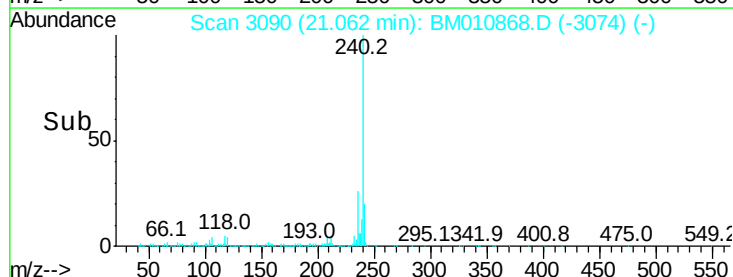
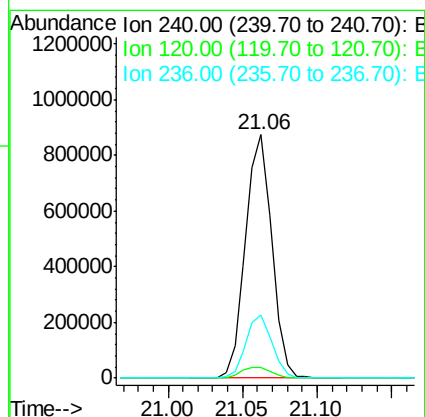
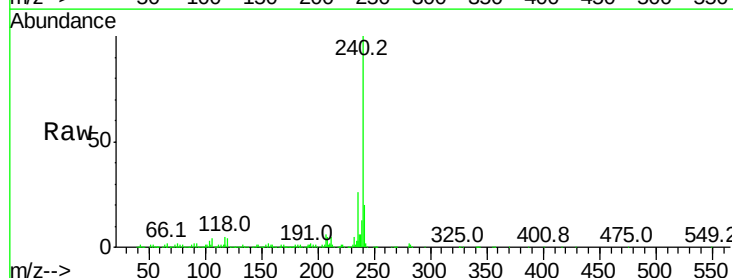
Instrument :
BNA_M
ClientSampleId :

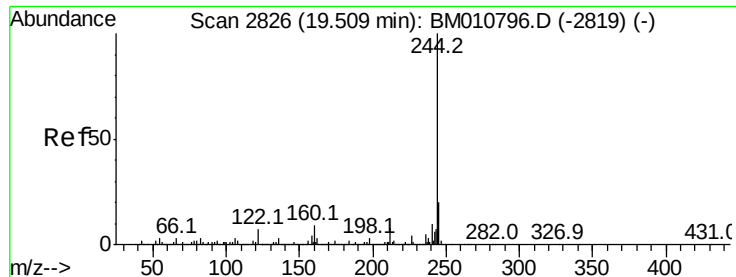
Tot Ion:188 Resp: 1234371
Ion Ratio Lower Upper
188 100
94 7.6 8.7 13.1#
80 8.8 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM010868.D
Acq: 18 Jul 2017 11:19

Tgt Ion:240 Resp: 1072814
Ion Ratio Lower Upper
240 100
120 4.2 8.2 12.2#
236 25.7 20.0 30.0





#78

Terphenyl-d14

Concen: 102.810 ng

RT: 19.51 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BM010868.D

Acq: 18 Jul 2017 11:19

Instrument :

BNA_M

ClientSampleId :

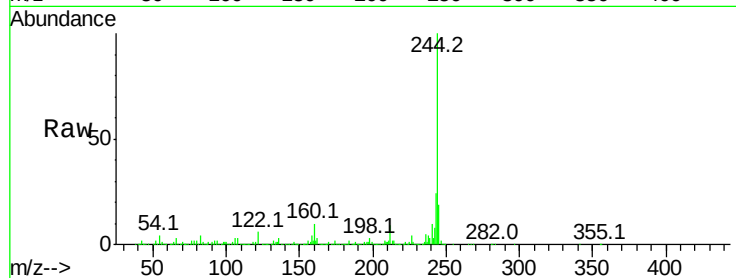
Tot Ion:244 Resp: 5702713

Ion Ratio Lower Upper

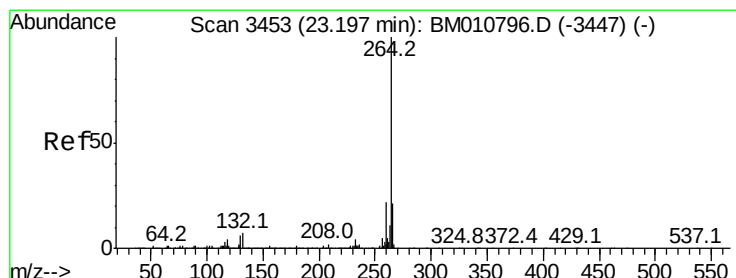
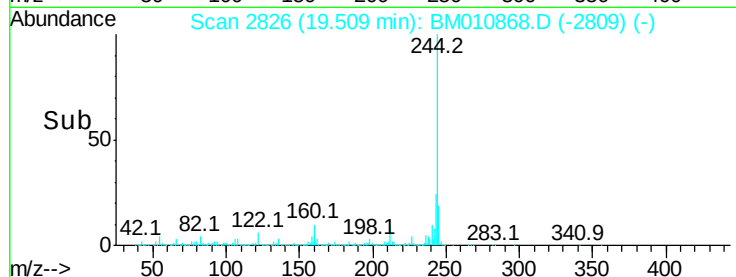
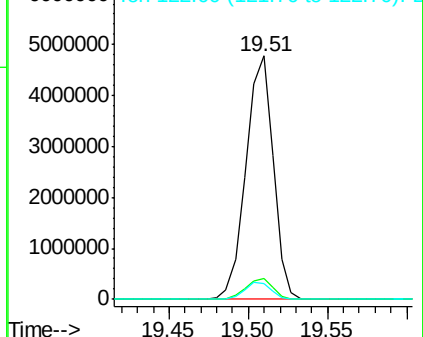
244 100

212 8.6 4.9 7.3#

122 6.3 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# 3452

Delta R.T. -0.01 min

Lab File: BM010868.D

Acq: 18 Jul 2017 11:19

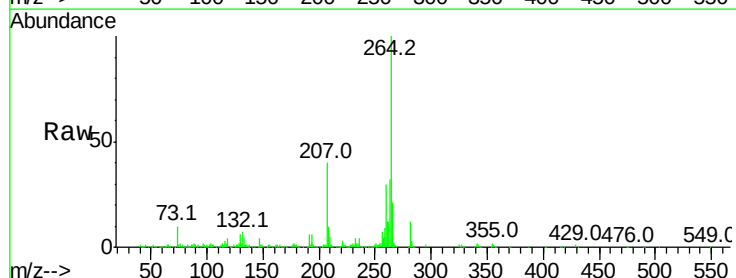
Tgt Ion:264 Resp: 522335

Ion Ratio Lower Upper

264 100

260 29.6 18.6 27.8#

265 20.6 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

