

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
 Data File : BM010869.D
 Acq On : 18 Jul 2017 11:55
 Operator : SJ/JU
 Sample : I4201-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 18 15:47:27 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

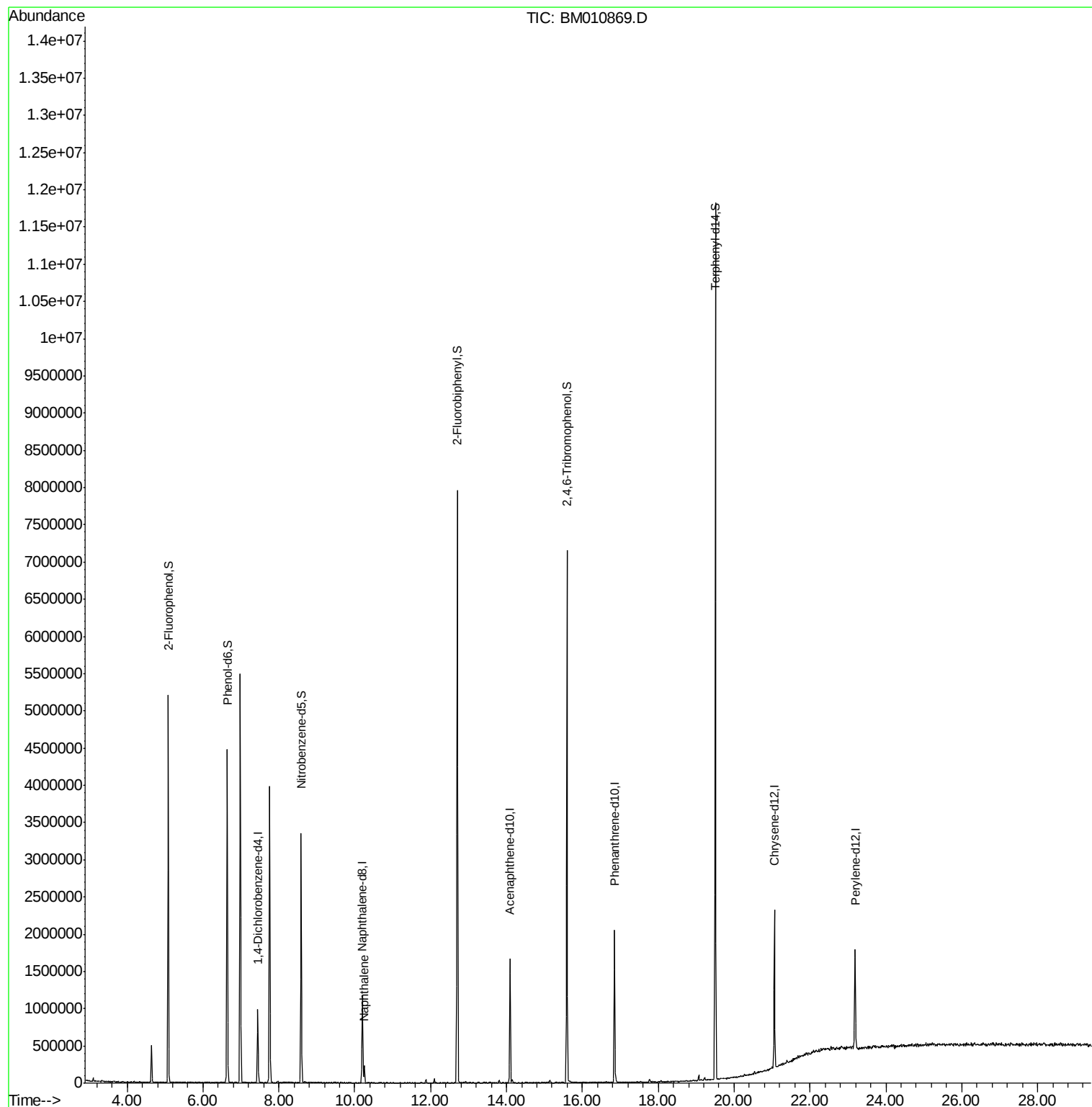
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	212220	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	783036	20.00	ng	0.00
38) Acenaphthene-d10	14.09	164	472784	20.00	ng	0.00
63) Phenanthrene-d10	16.84	188	1102673	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1015512	20.00	ng	0.00
86) Perylene-d12	23.19	264	912289	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	1639394	127.96	ng	0.00
7) Phenol-d6	6.64	99	1964303	111.22	ng	0.00
23) Nitrobenzene-d5	8.59	82	1862102	91.41	ng	0.00
41) 2,4,6-Tribromophenol	15.59	330	1012854	140.19	ng	0.00
44) 2-Fluorobiphenyl	12.70	172	3557545	93.61	ng	0.00
78) Terphenyl-d14	19.51	244	4628696	88.16	ng	0.00
Target Compounds						
31) Naphthalene	10.25	128	145288	3.649	ng	Qvalue # 95

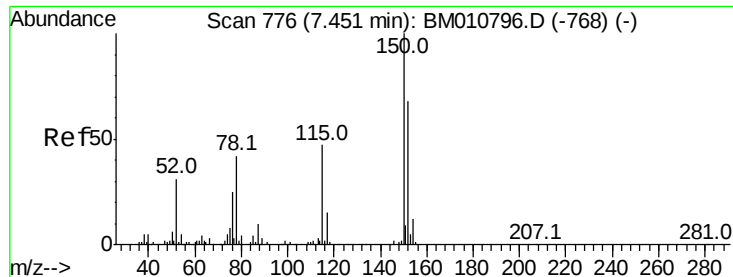
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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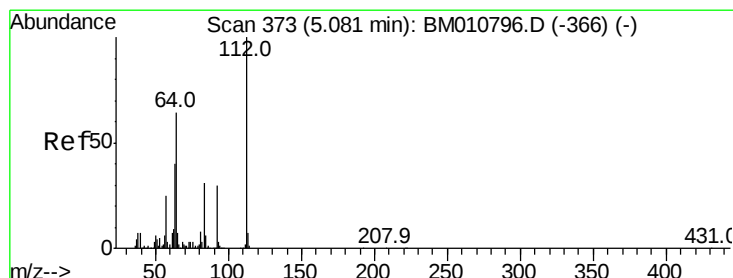
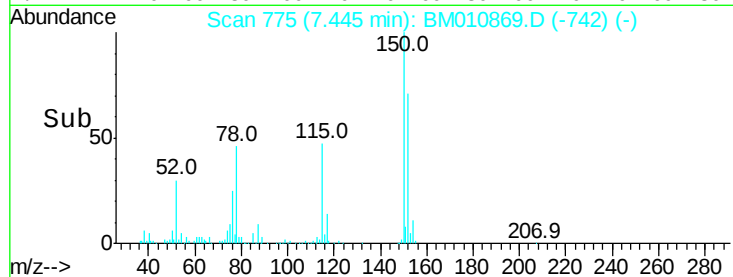
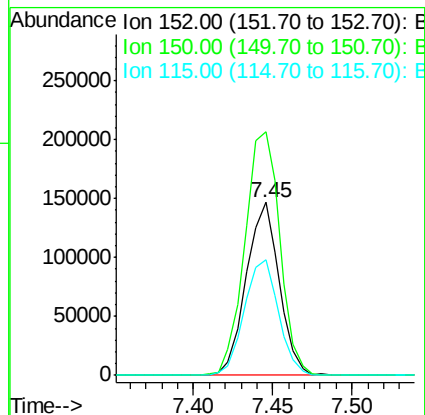
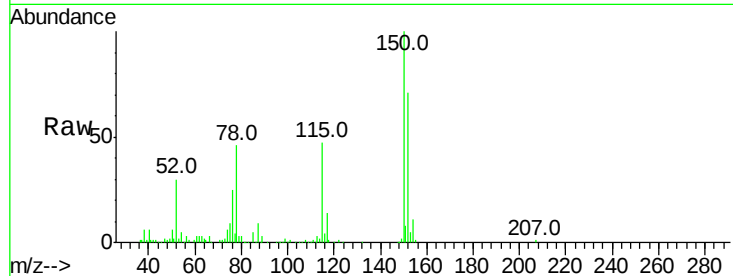


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. -0.01 min
Lab File: BM010869.D
Acq: 18 Jul 2017 11:55

Instrument :
BNA_M
ClientSampleId :

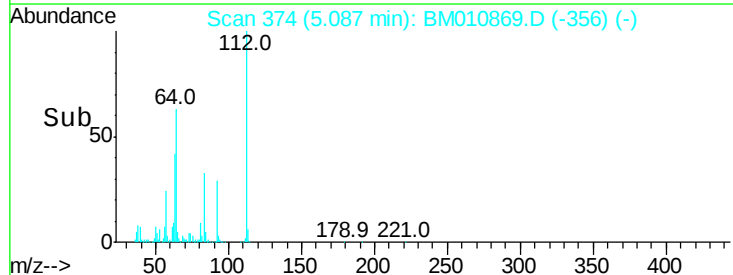
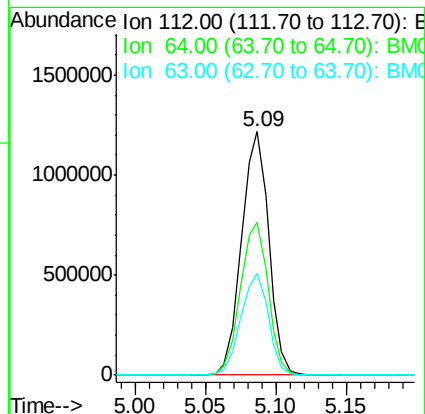
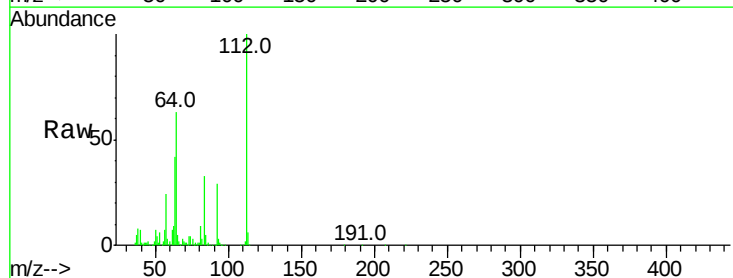
Tot Ion:152 Resp: 212220
Ion Ratio Lower Upper
152 100
150 141.0 119.5 179.3
115 66.9 43.0 64.4#

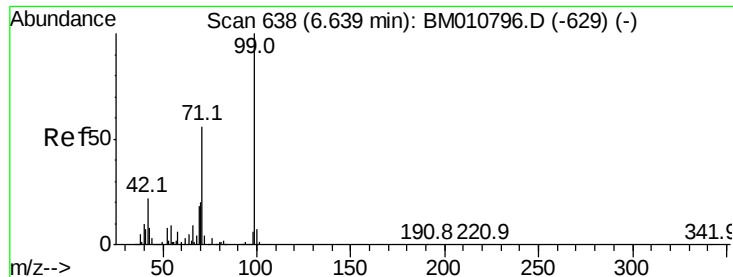


#5

2-Fluorophenol
Concen: 127.963 ng
RT: 5.09 min Scan# 374
Delta R.T. 0.01 min
Lab File: BM010869.D
Acq: 18 Jul 2017 11:55

Tgt Ion:112 Resp: 1639394
Ion Ratio Lower Upper
112 100
64 62.9 38.6 57.8#
63 41.7 19.3 28.9#





#7

Phenol-d6

Concen: 111.218 ng

RT: 6.64 min Scan# 638

Delta R.T. 0.00 min

Lab File: BM010869.D

Acq: 18 Jul 2017 11:55

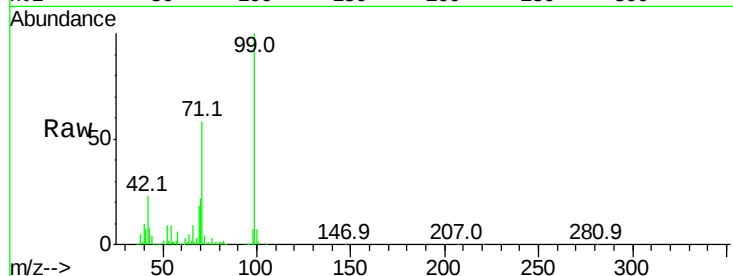
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 1964303

Ion	Ratio	Lower	Upper
99	100		
42	23.2	11.0	16.4#
71	57.7	23.4	35.2#

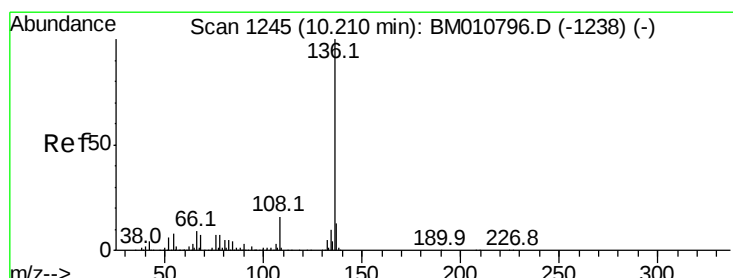
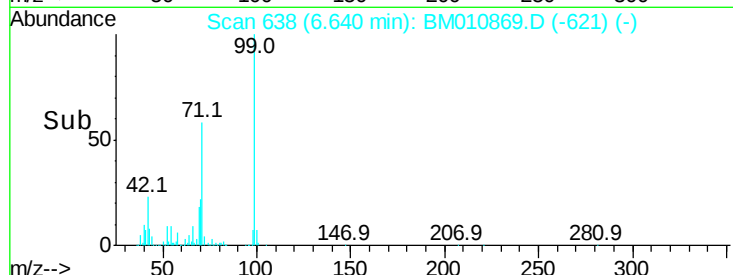
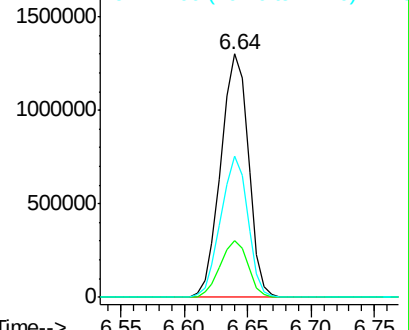


Abundance

Ion 99.00 (98.70 to 99.70): BM010869.D (-621) (-)

Ion 42.00 (41.70 to 42.70): BM010869.D (-621) (-)

Ion 71.00 (70.70 to 71.70): BM010869.D (-621) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1244

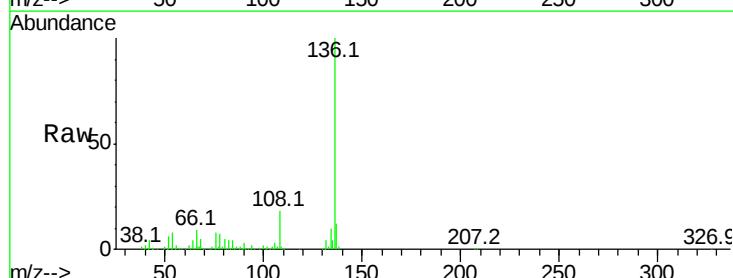
Delta R.T. -0.01 min

Lab File: BM010869.D

Acq: 18 Jul 2017 11:55

Tgt Ion: 136 Resp: 783036

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	8.0	4.6	6.8#
68	5.1	3.7	5.5



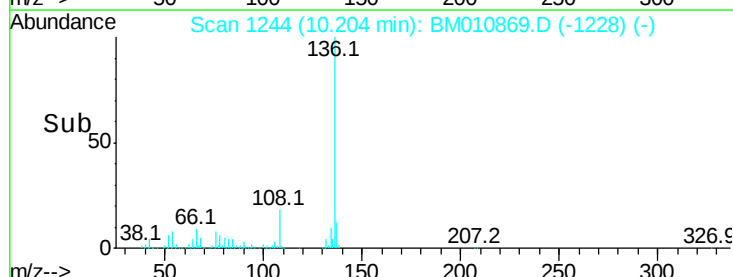
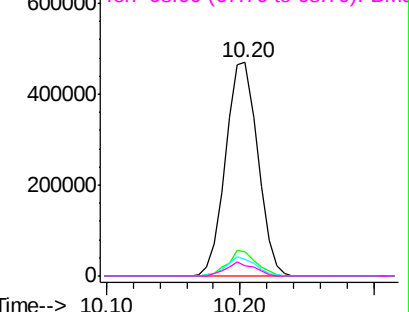
Abundance

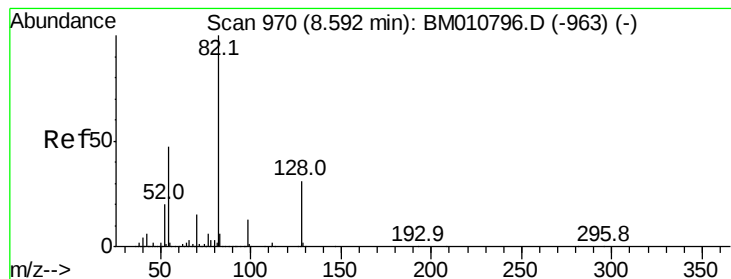
Ion 136.00 (135.70 to 136.70): BM010869.D (-1228) (-)

Ion 137.00 (136.70 to 137.70): BM010869.D (-1228) (-)

Ion 54.00 (53.70 to 54.70): BM010869.D (-1228) (-)

Ion 68.00 (67.70 to 68.70): BM010869.D (-1228) (-)





#23

Nitrobenzene-d5

Concen: 91.407 ng

RT: 8.59 min Scan# 969

Delta R.T. -0.01 min

Lab File: BM010869.D

Acq: 18 Jul 2017 11:55

Instrument :

BNA_M

ClientSampleId :

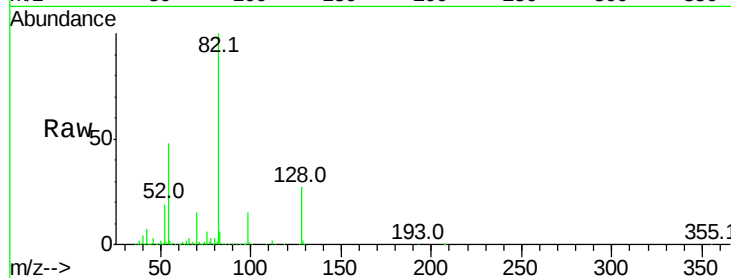
Tot Ion: 82 Resp: 1862102

Ion Ratio Lower Upper

82 100

128 27.2 32.8 49.2#

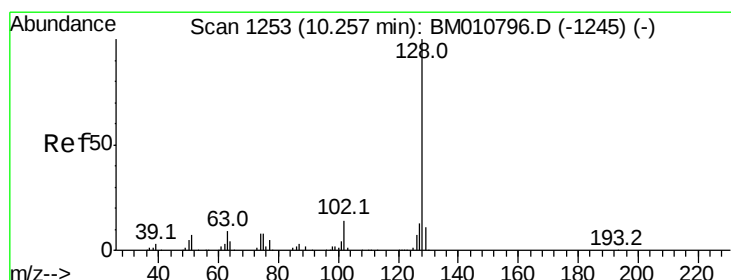
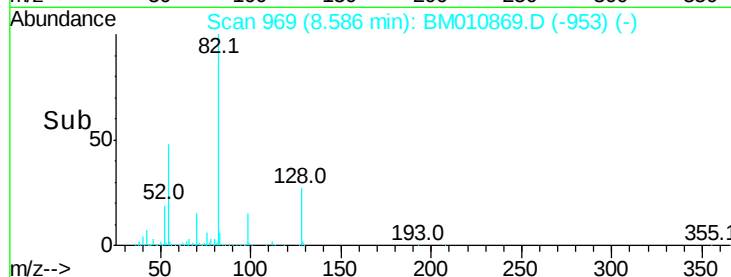
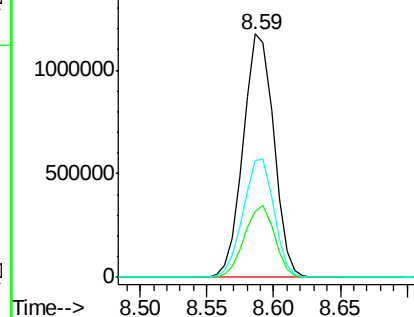
54 48.2 40.6 60.8



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) (-)



#31

Naphthalene

Concen: 3.649 ng

RT: 10.25 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BM010869.D

Acq: 18 Jul 2017 11:55

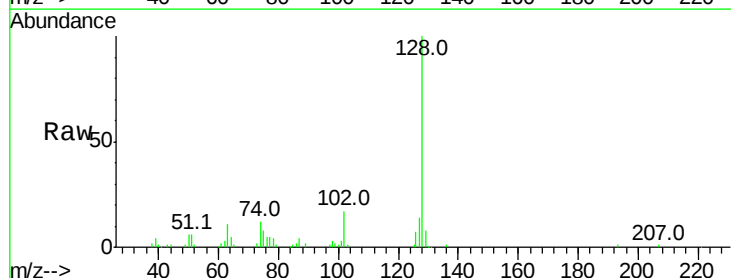
Tgt Ion: 128 Resp: 145288

Ion Ratio Lower Upper

128 100

129 7.7 8.9 13.3#

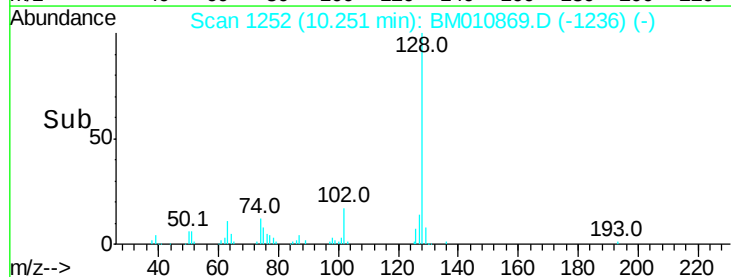
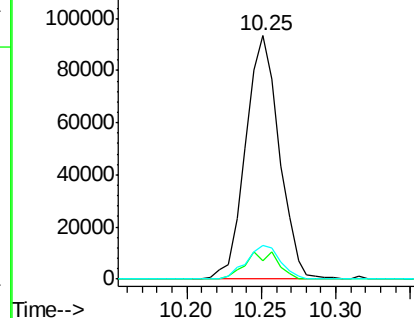
127 13.6 10.4 15.6

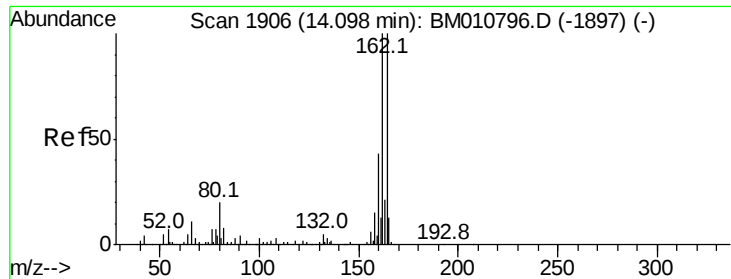


Abundance Ion 128.00 (127.70 to 128.70): BM010796.D (-1245) (-)

Ion 129.00 (128.70 to 129.70): BM010796.D (-1245) (-)

Ion 127.00 (126.70 to 127.70): BM010796.D (-1245) (-)

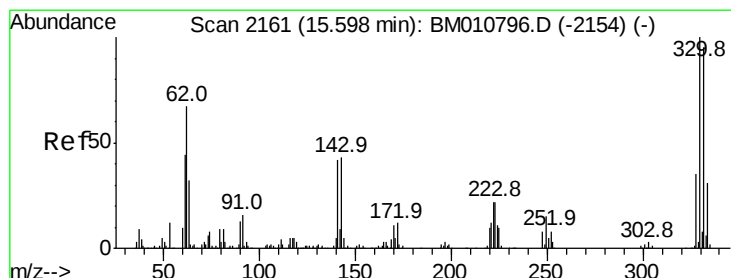
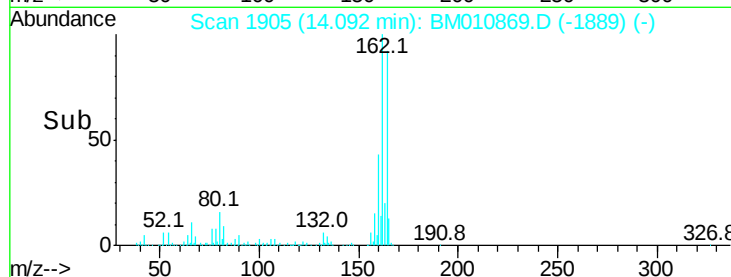
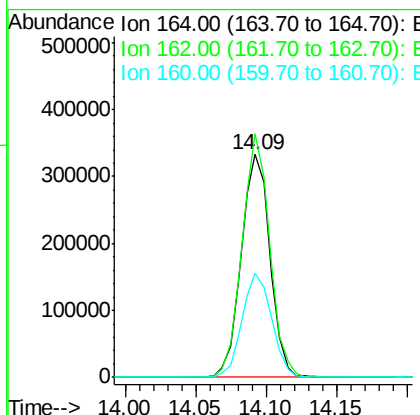
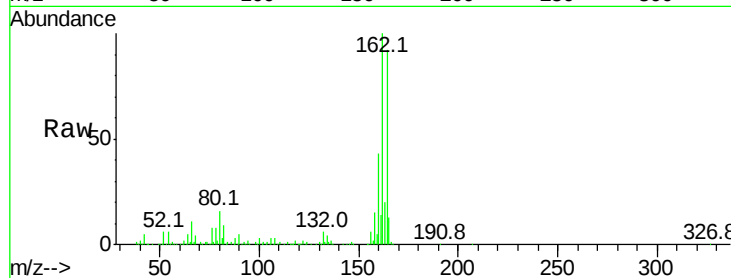




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.09 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BM010869.D
Acq: 18 Jul 2017 11:55

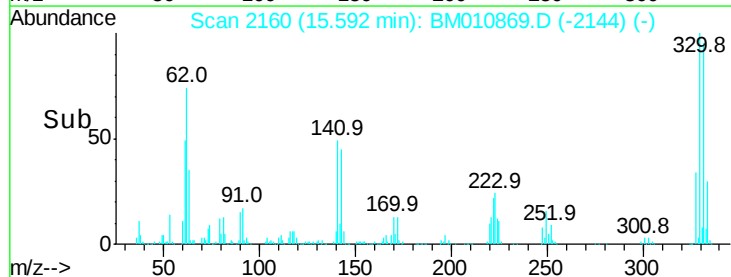
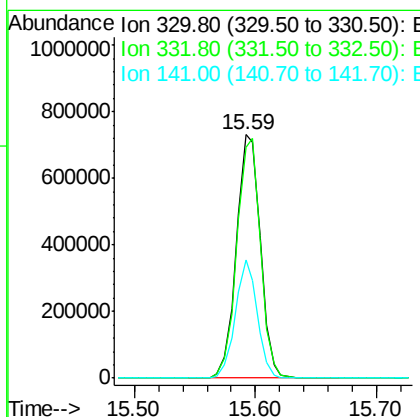
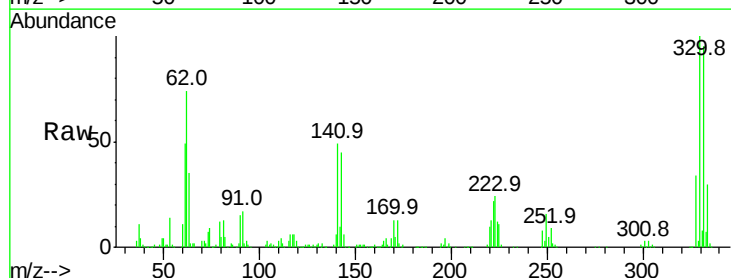
Instrument :
BNA_M
ClientSampleId :

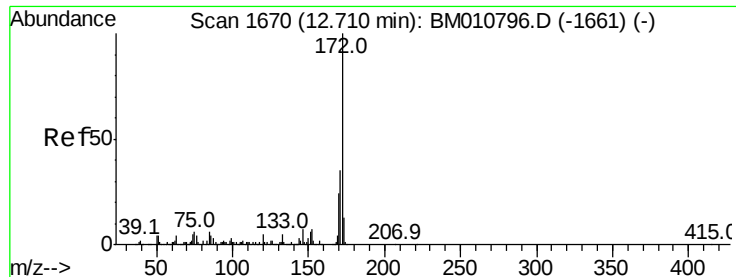
Tot Ion:164 Resp: 472784
Ion Ratio Lower Upper
164 100
162 109.3 82.4 123.6
160 46.6 35.8 53.6



#41
2,4,6-Tribromophenol
Concen: 140.187 ng
RT: 15.59 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BM010869.D
Acq: 18 Jul 2017 11:55

Tgt Ion:330 Resp: 1012854
Ion Ratio Lower Upper
330 100
332 97.2 0.0 0.0#
141 44.5 0.0 0.0#



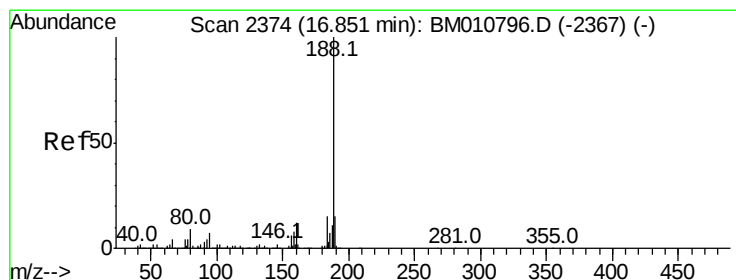
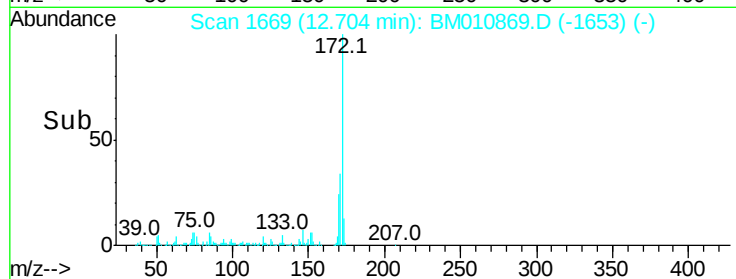
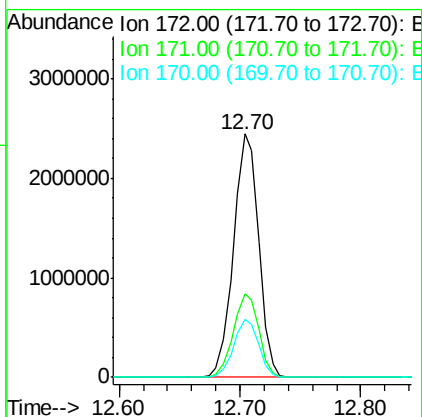
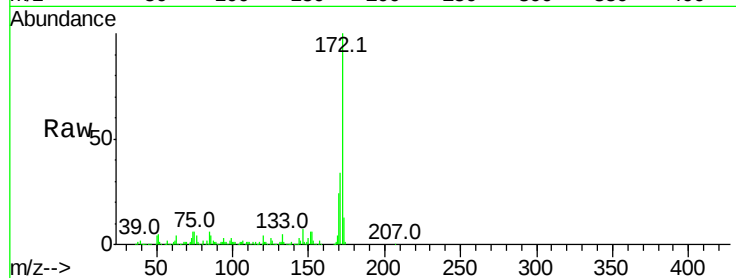


#44
 2-Fluorobiphenyl
 Concen: 93.609 ng
 RT: 12.70 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM010869.D
 Acq: 18 Jul 2017 11:55

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 3557545

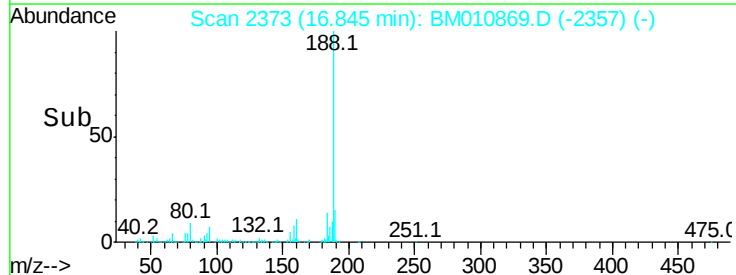
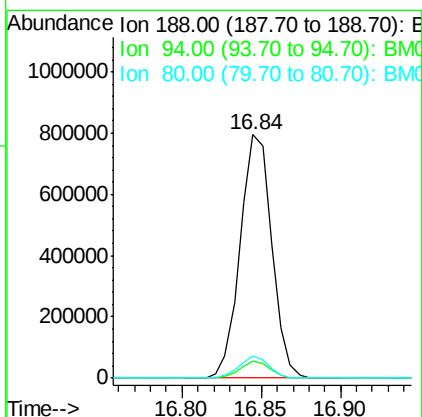
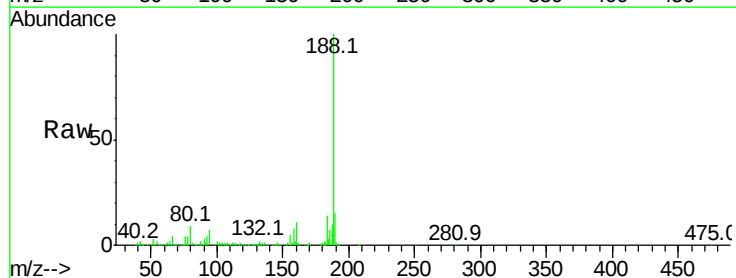
Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.5	42.7
170	23.6	18.8	28.2

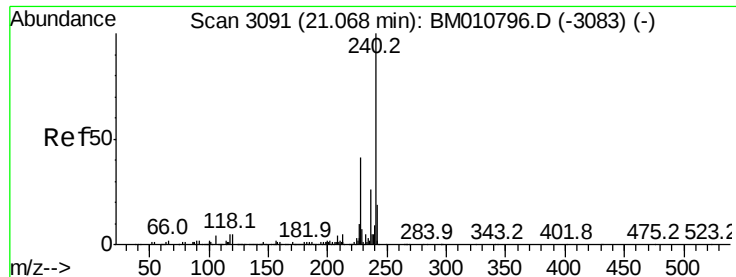


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.84 min Scan# 2373
 Delta R.T. -0.01 min
 Lab File: BM010869.D
 Acq: 18 Jul 2017 11:55

Tgt Ion:188 Resp: 1102673

Ion	Ratio	Lower	Upper
188	100		
94	6.8	8.7	13.1#
80	9.4	9.3	13.9

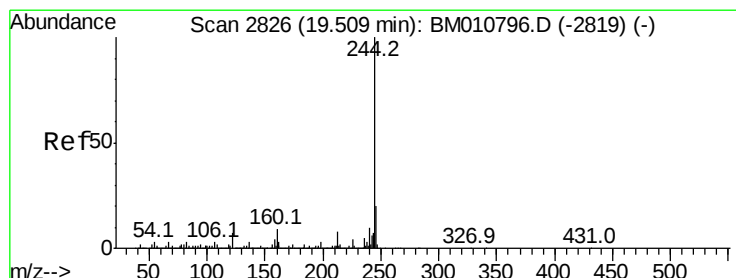
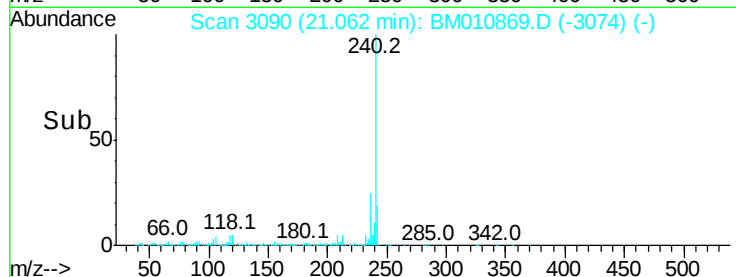
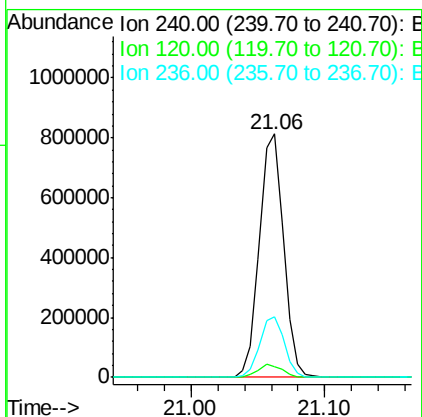
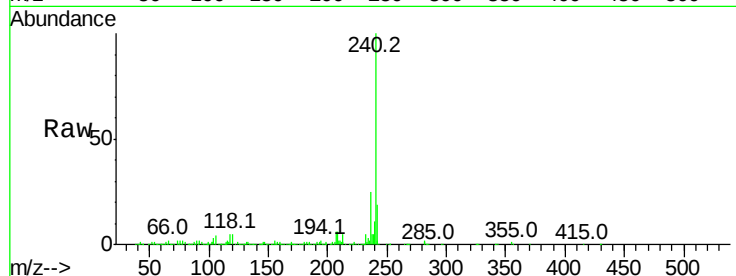




#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.06 min Scan# 3090
 Delta R.T. -0.01 min
 Lab File: BM010869.D
 Acq: 18 Jul 2017 11:55

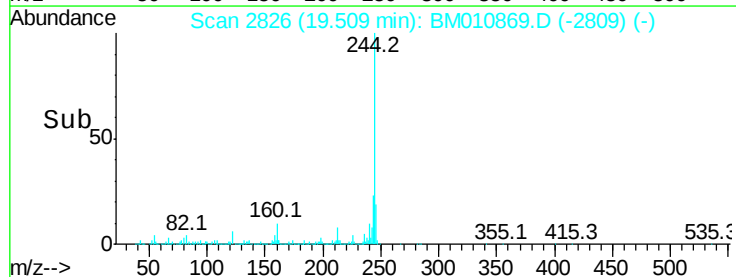
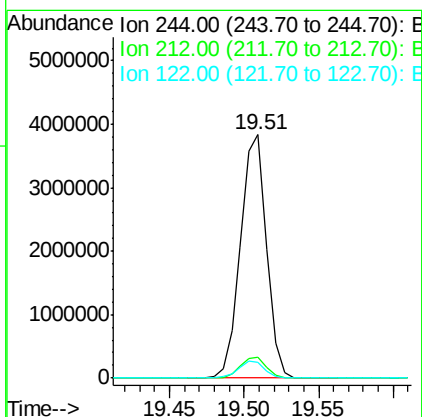
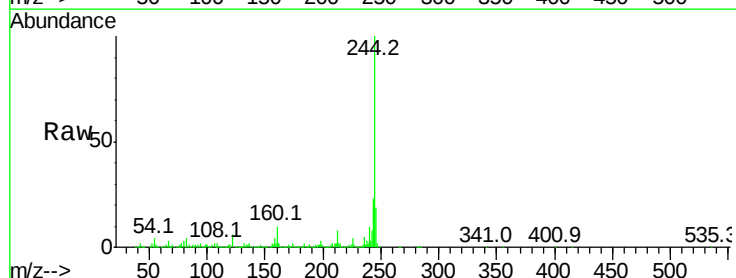
Instrument :
 BNA_M
 ClientSampleId :

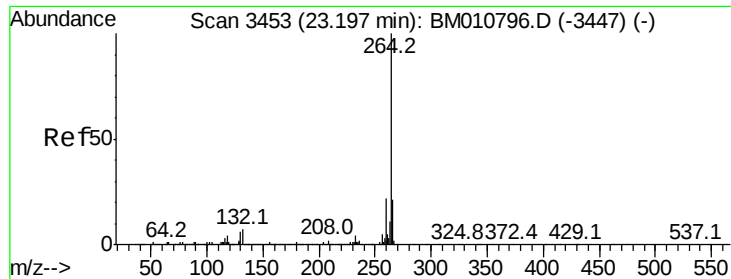
Tot Ion:240 Resp: 1015512
 Ion Ratio Lower Upper
 240 100
 120 4.6 8.2 12.2#
 236 24.9 20.0 30.0



#78
 Terphenyl-d14
 Concen: 88.156 ng
 RT: 19.51 min Scan# 2826
 Delta R.T. 0.00 min
 Lab File: BM010869.D
 Acq: 18 Jul 2017 11:55

Tgt Ion:244 Resp: 4628696
 Ion Ratio Lower Upper
 244 100
 212 8.3 4.9 7.3#
 122 6.3 6.2 9.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.19 min Scan# 3452
 Delta R.T. -0.01 min
 Lab File: BM010869.D
 Acq: 18 Jul 2017 11:55

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.6	27.8
265	23.6	17.3	25.9

