

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM071317\
 Data File : BM010836.D
 Acq On : 14 Jul 2017 05:21
 Operator : SJ/JU
 Sample : I4145-09
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BASEMENT-WATER

Quant Time: Jul 14 06:58:00 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	262796	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1040247	20.00	ng	0.00
38) Acenaphthene-d10	14.09	164	680354	20.00	ng	0.00
63) Phenanthrene-d10	16.85	188	1685939	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1815101	20.00	ng	0.00
86) Perylene-d12	23.19	264	1573276	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1403714	88.48	ng	0.00
7) Phenol-d6	6.63	99	1322145	60.45	ng	0.00
23) Nitrobenzene-d5	8.59	82	2462212	90.98	ng	0.00
41) 2,4,6-Tribromophenol	15.60	330	1607756	154.64	ng	0.00
44) 2-Fluorobiphenyl	12.71	172	5465664	99.94	ng	0.00
78) Terphenyl-d14	19.51	244	8356186	89.04	ng	0.00

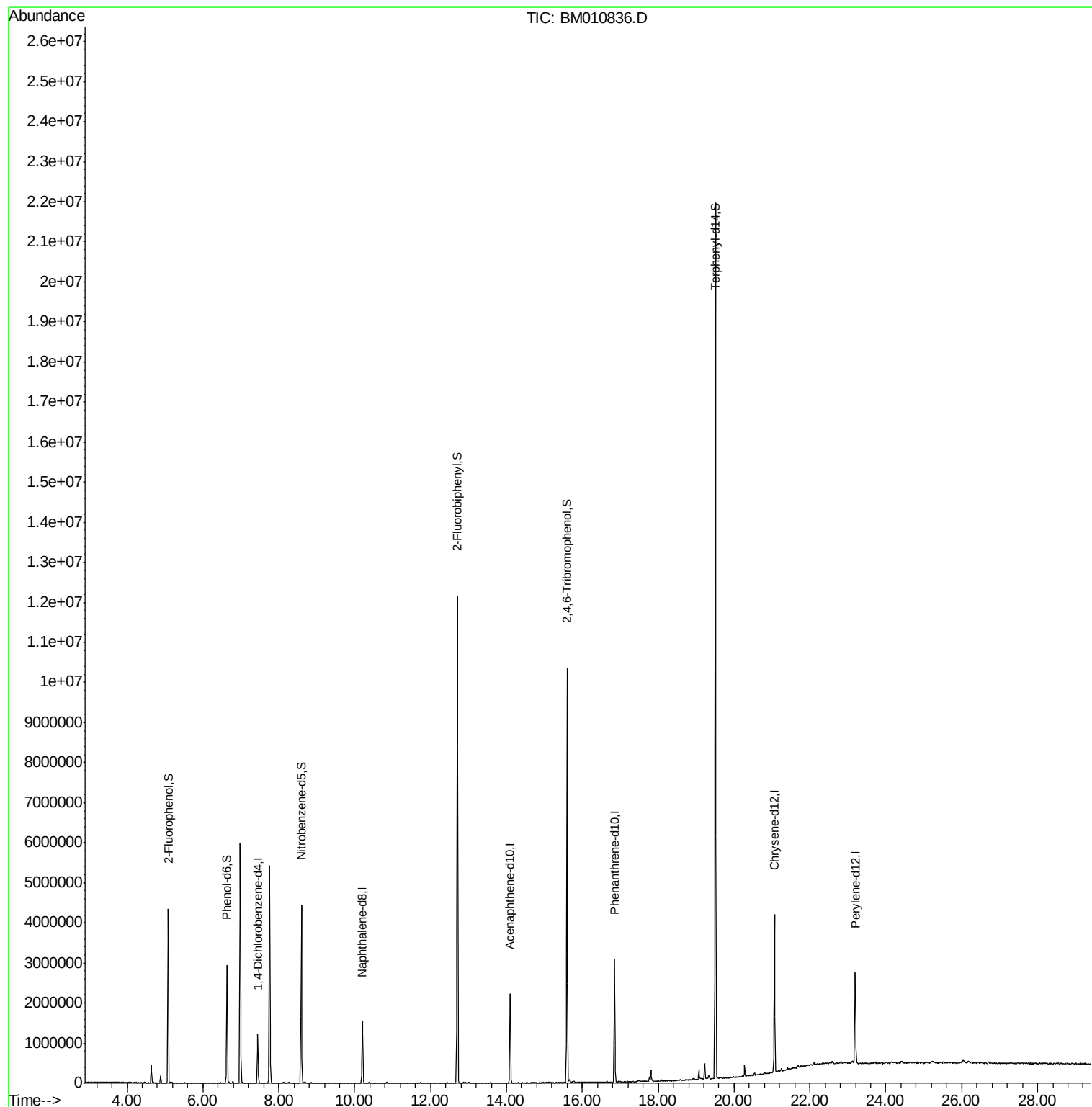
Target Compounds Qvalue

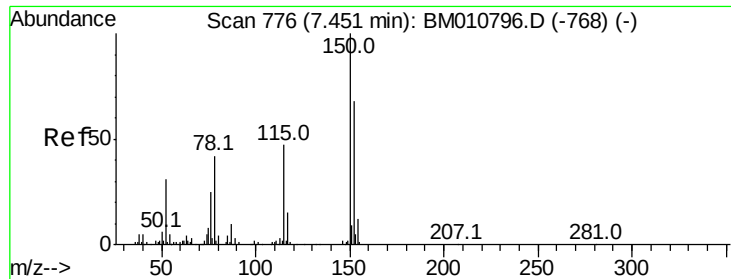
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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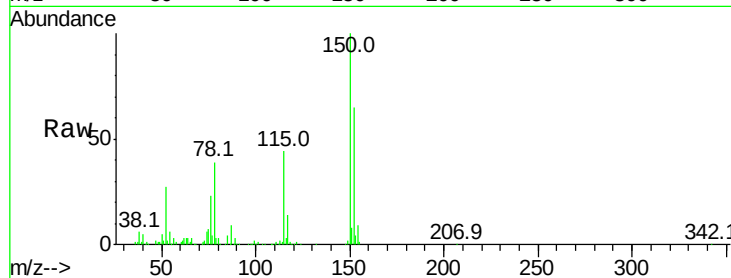


#1

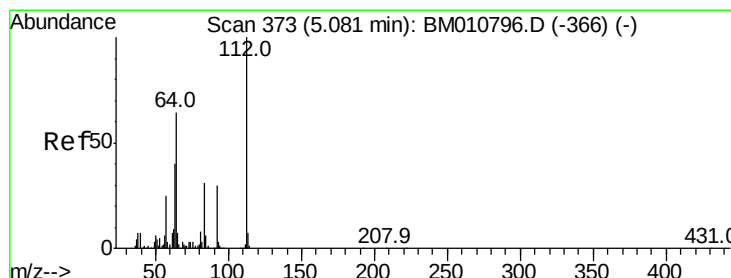
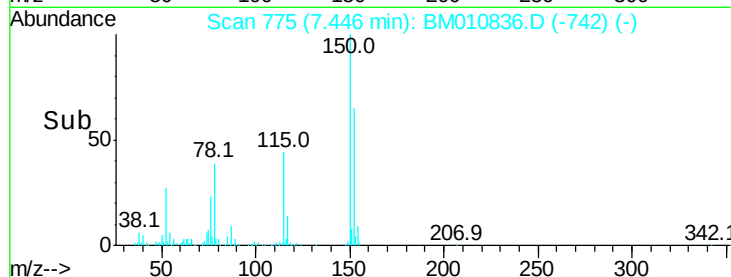
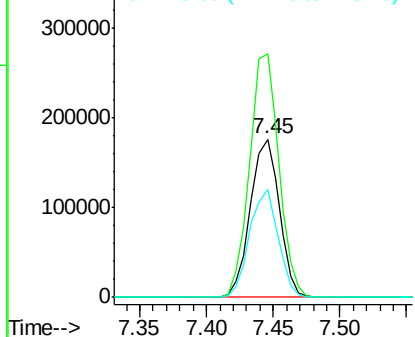
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.45 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BM010836.D
 Acq: 14 Jul 2017 05:21

Instrument :
 BNA_M
 ClientSampleId :
 BASEMENT-WATER

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	119.5	179.3
115	68.5	43.0	64.4



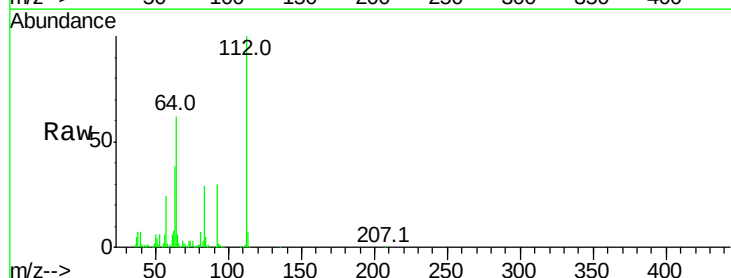
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



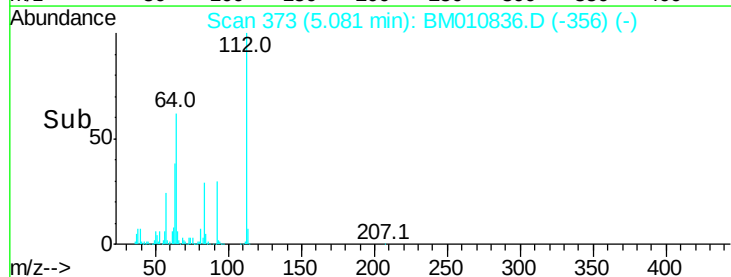
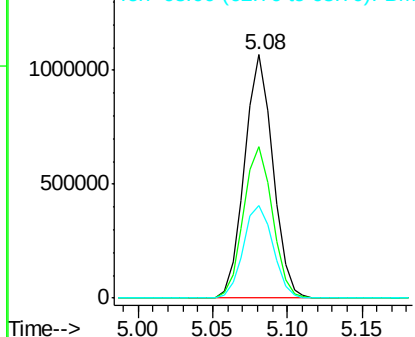
#5

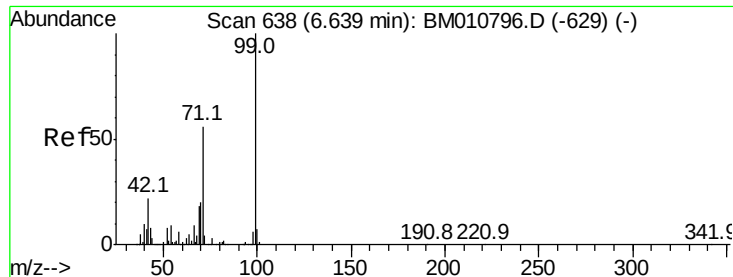
2-Fluorophenol
 Concen: 88.481 ng
 RT: 5.08 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: BM010836.D
 Acq: 14 Jul 2017 05:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.0	38.6	57.8
63	38.1	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: 60.453 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM010836.D

Acq: 14 Jul 2017 05:21

Instrument :

BNA_M

ClientSampleId :

BASEMENT-WATER

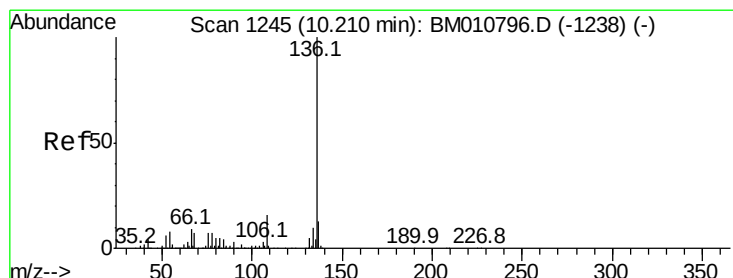
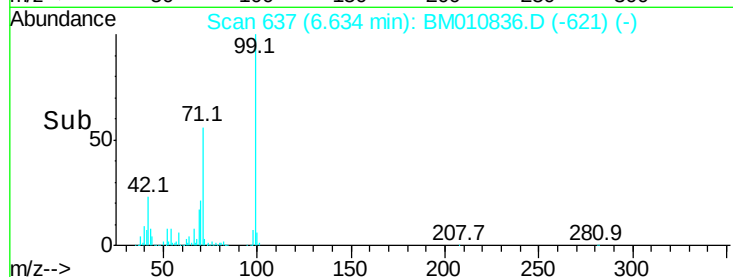
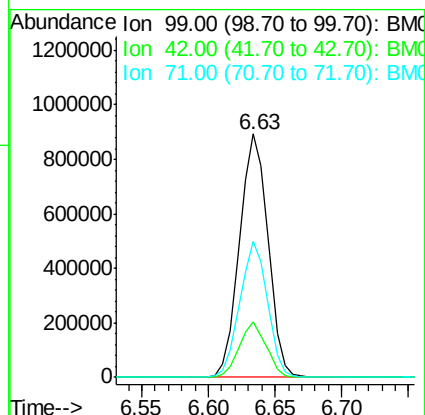
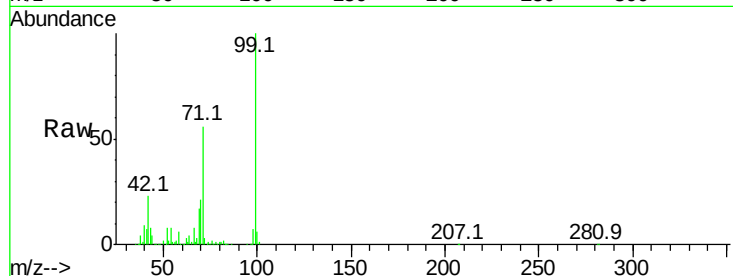
Tot Ion: 99 Resp: 1322145

Ion Ratio Lower Upper

99 100

42 22.8 11.0 16.4#

71 55.7 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BM010836.D

Acq: 14 Jul 2017 05:21

Tgt Ion: 136 Resp: 1040247

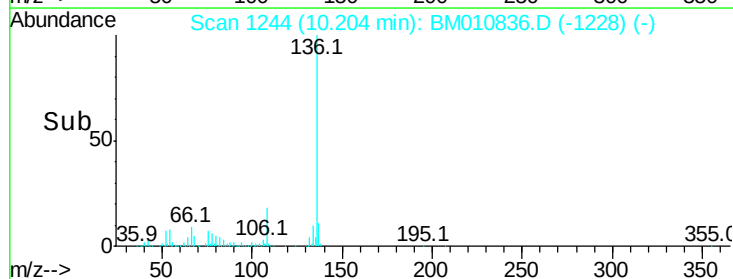
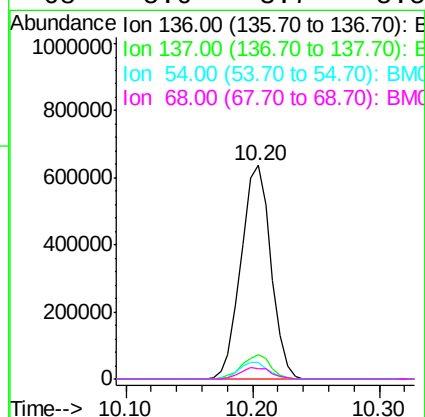
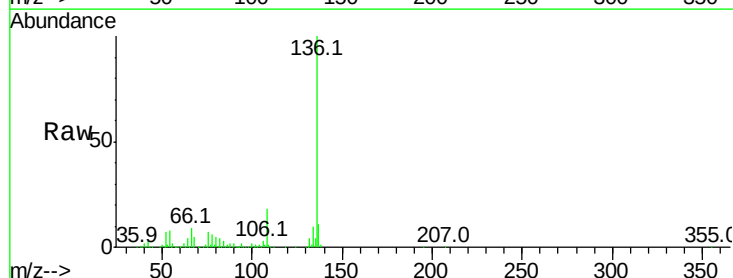
Ion Ratio Lower Upper

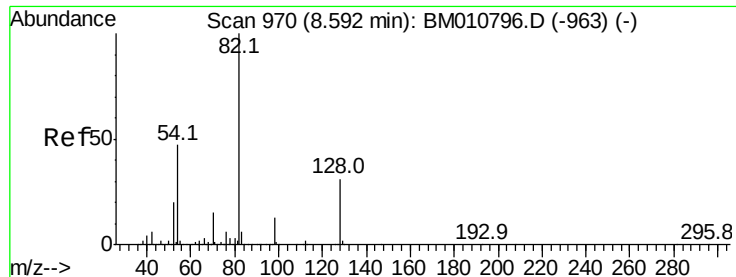
136 100

137 11.3 8.7 13.1

54 8.0 4.6 6.8#

68 5.0 3.7 5.5



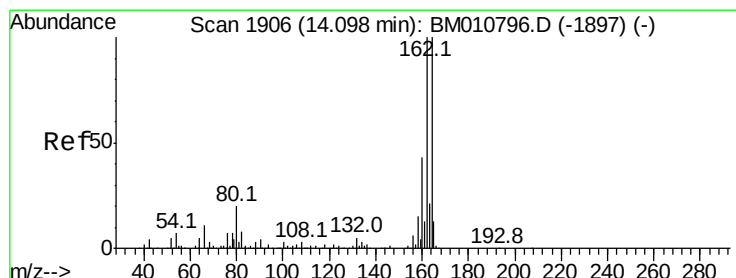
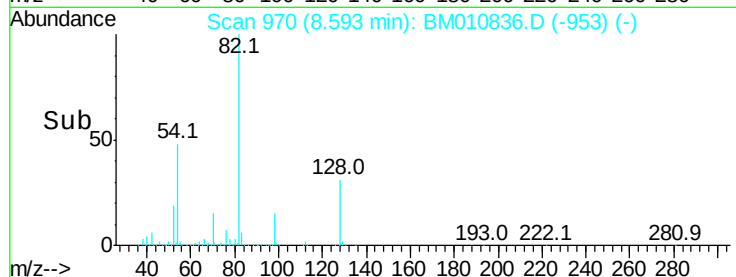
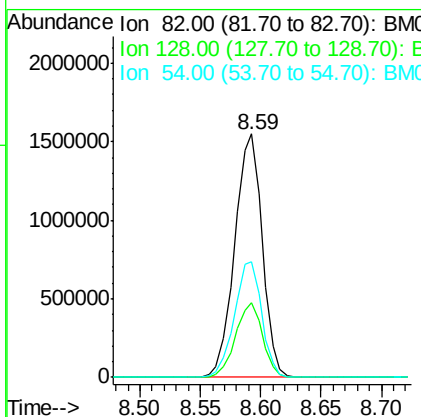
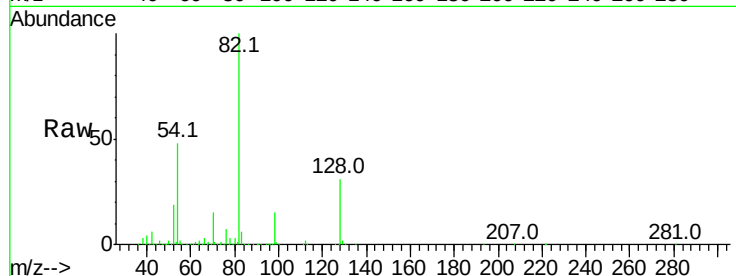


#23
 Nitrobenzene-d5
 Concen: 90.980 ng
 RT: 8.59 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: BM010836.D
 Acq: 14 Jul 2017 05:21

Instrument :
 BNA_M
 ClientSampleId :
 BASEMENT-WATER

Tot Ion: 82 Resp: 2462212

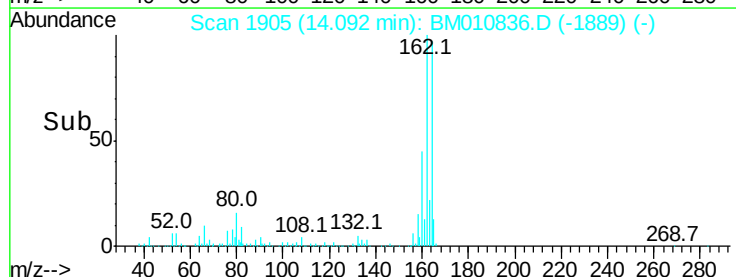
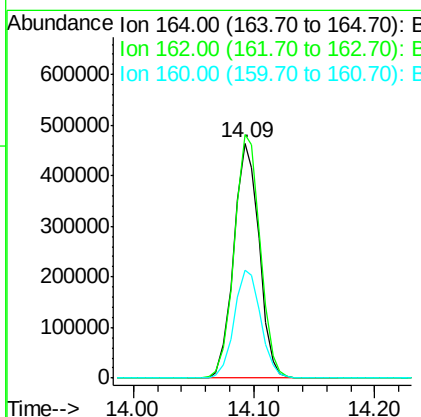
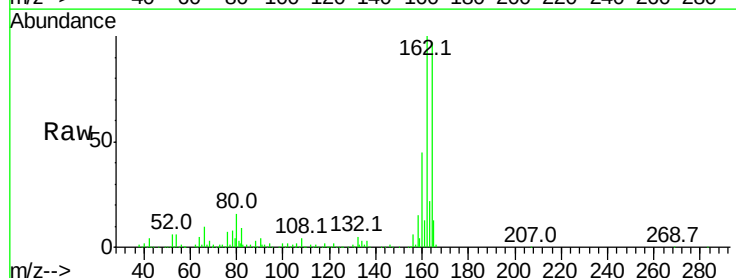
Ion	Ratio	Lower	Upper
82	100		
128	30.5	32.8	49.2#
54	47.7	40.6	60.8

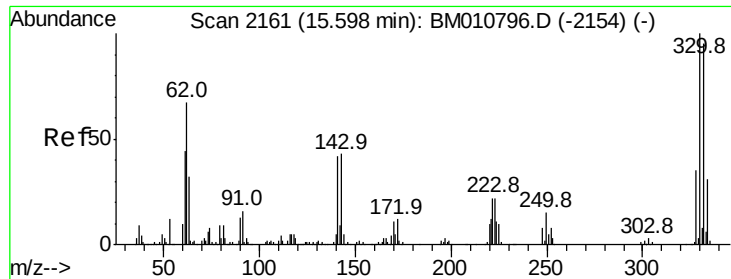


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.09 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BM010836.D
 Acq: 14 Jul 2017 05:21

Tgt Ion: 164 Resp: 680354

Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.4	123.6
160	46.1	35.8	53.6

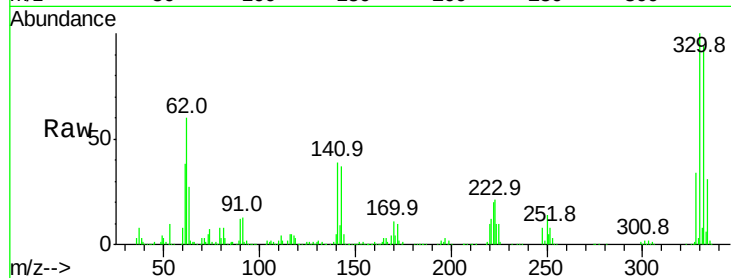




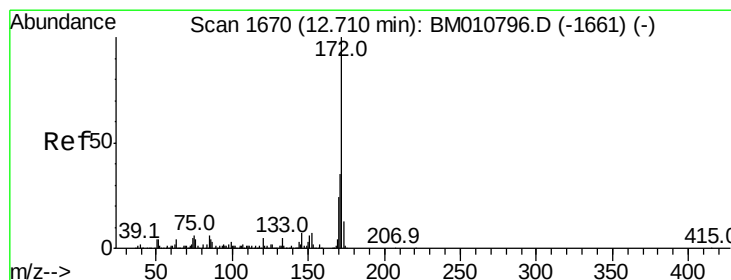
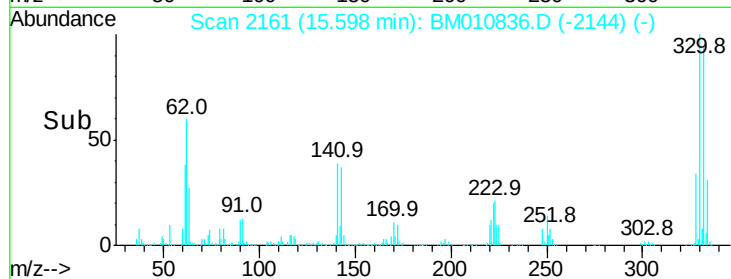
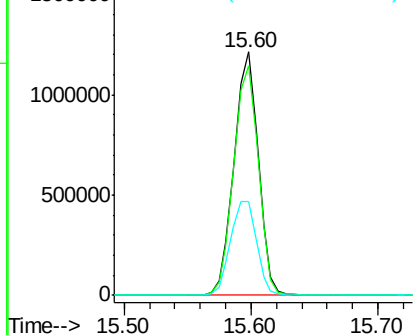
#41
 2,4,6-Tribromophenol
 Concen: 154.635 ng
 RT: 15.60 min Scan# 2161
 Delta R.T. 0.00 min
 Lab File: BM010836.D
 Acq: 14 Jul 2017 05:21

Instrument :
 BNA_M
 ClientSampleId :
 BASEMENT-WATER

Tot Ion:330 Resp: 1607756
 Ion Ratio Lower Upper
 330 100
 332 96.0 0.0 0.0#
 141 41.5 0.0 0.0#

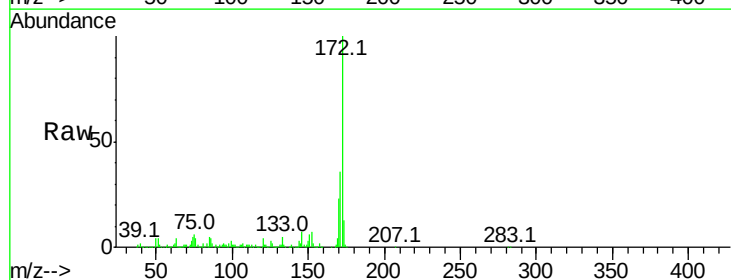


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

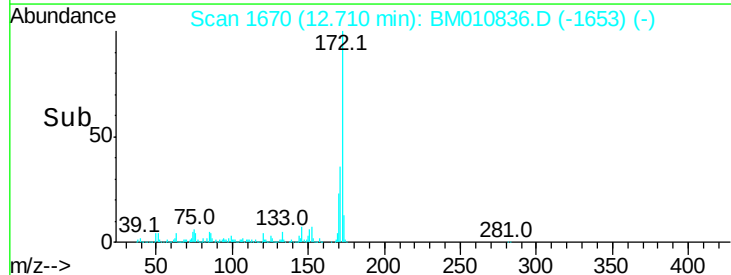
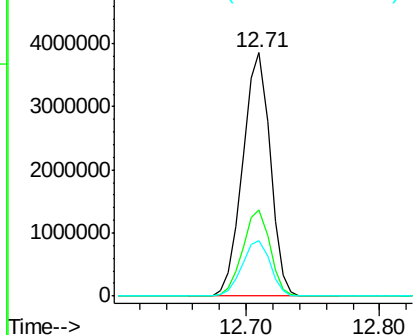


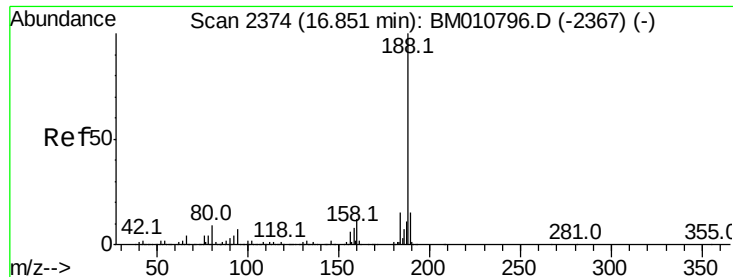
#44
 2-Fluorobiphenyl
 Concen: 99.939 ng
 RT: 12.71 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BM010836.D
 Acq: 14 Jul 2017 05:21

Tgt Ion:172 Resp: 5465664
 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

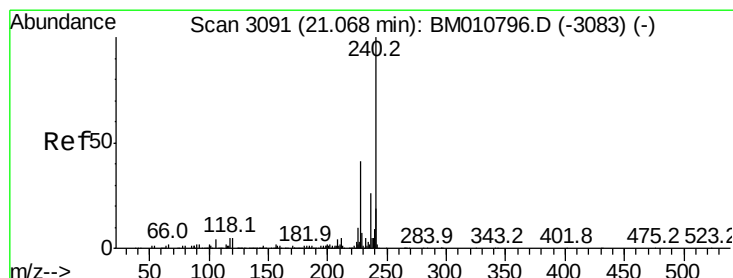
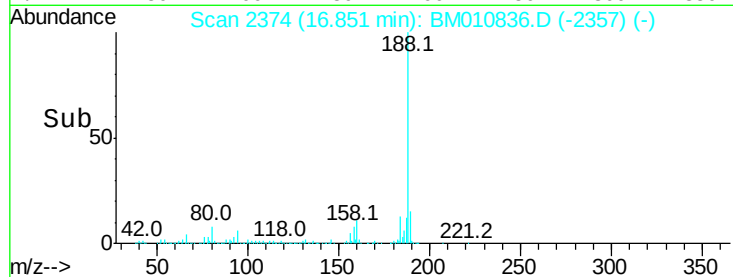
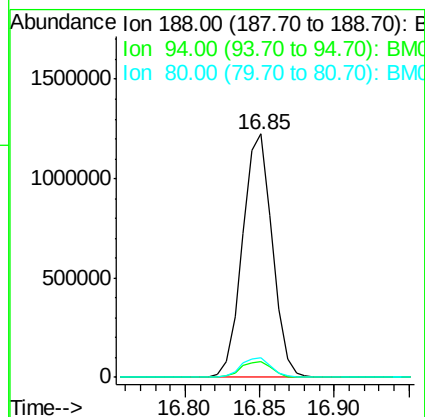
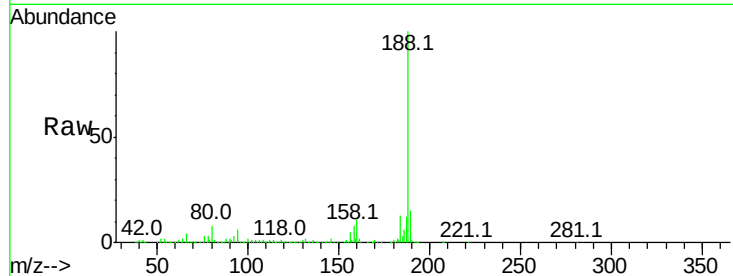




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.85 min Scan# 2374
Delta R.T. 0.00 min
Lab File: BM010836.D
Acq: 14 Jul 2017 05:21

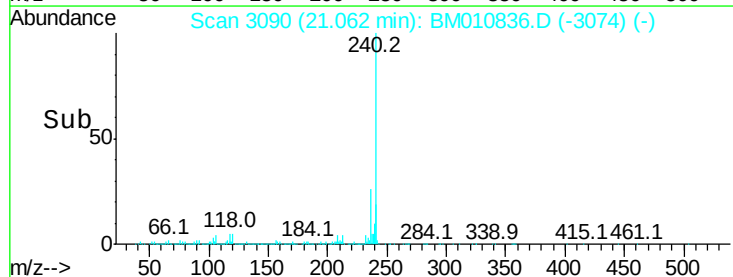
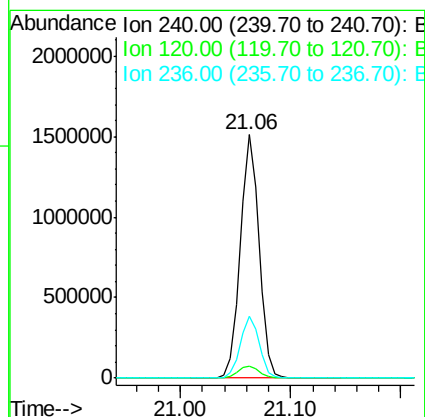
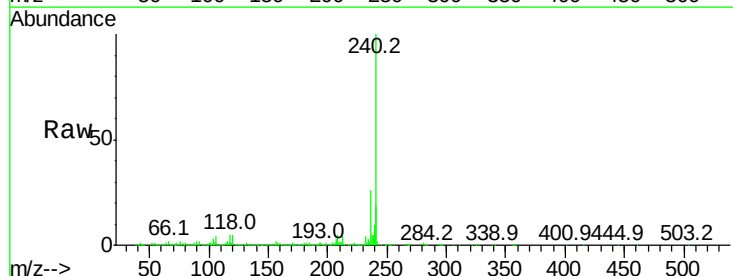
Instrument :
BNA_M
ClientSampleId :
BASEMENT-WATER

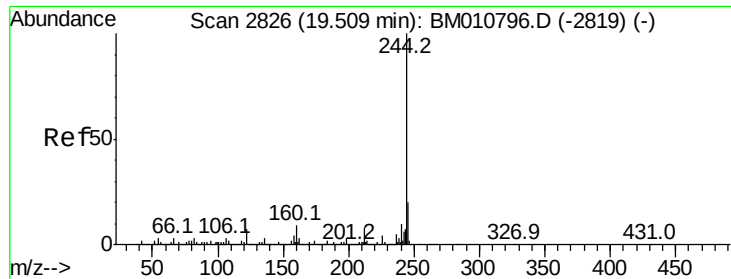
Tot Ion:188 Resp: 1685939
Ion Ratio Lower Upper
188 100
94 6.4 8.7 13.1#
80 7.9 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM010836.D
Acq: 14 Jul 2017 05:21

Tgt Ion:240 Resp: 1815101
Ion Ratio Lower Upper
240 100
120 5.1 8.2 12.2#
236 25.6 20.0 30.0





#78

Terphenyl-d14

Concen: 89.040 ng

RT: 19.51 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BM010836.D

Acq: 14 Jul 2017 05:21

Instrument :

BNA_M

ClientSampleId :

BASEMENT-WATER

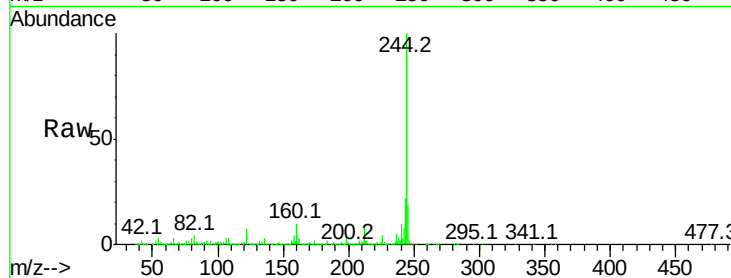
Tot Ion:244 Resp: 8356186

Ion Ratio Lower Upper

244 100

212 8.6 4.9 7.3#

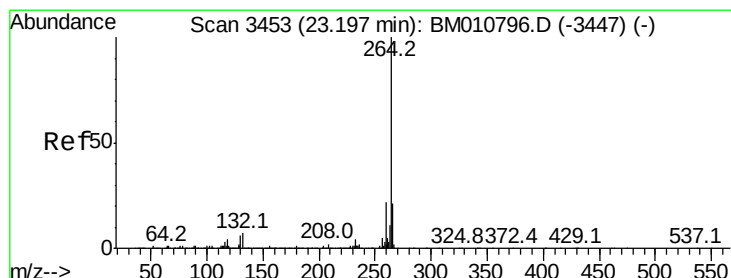
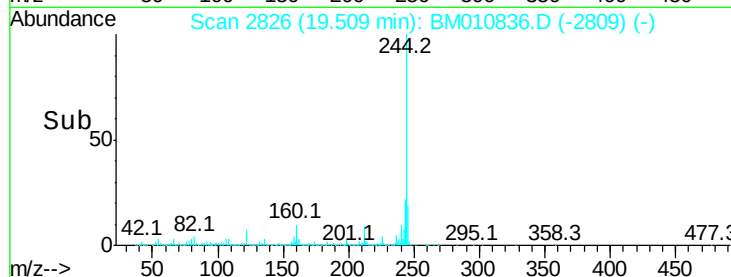
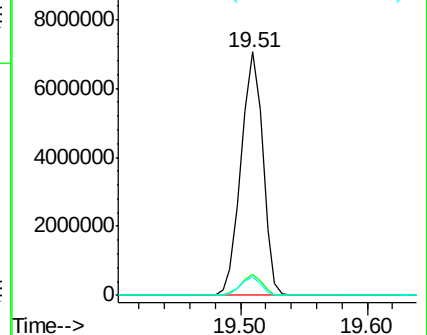
122 7.5 6.2 9.4



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: BM010836.D

Acq: 14 Jul 2017 05:21

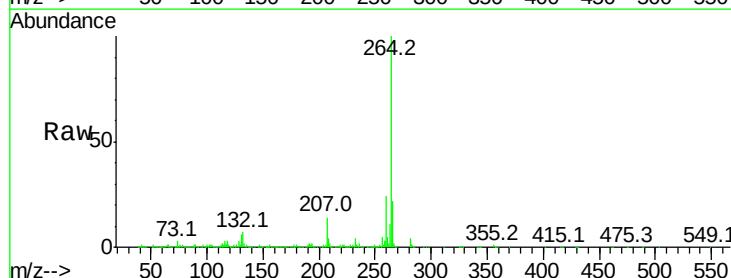
Tgt Ion:264 Resp: 1573276

Ion Ratio Lower Upper

264 100

260 23.8 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

