

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072117\
 Data File : BM010953.D
 Acq On : 22 Jul 2017 01:35
 Operator : SJ/JU
 Sample : I4313-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-COMB-1

Quant Time: Jul 22 04:53:01 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	7.42	152	252575	20.00	ng	-0.03
21) Naphthalene-d8	10.18	136	943950	20.00	ng	-0.03
38) Acenaphthene-d10	14.07	164	181068	20.00	ng	-0.02
63) Phenanthrene-d10	16.83	188	942527	20.00	ng	-0.02
75) Chrysene-d12	21.04	240	212173	20.00	ng	-0.02
86) Perylene-d12	23.17	264	11469	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	1909054	125.20	ng	-0.02
7) Phenol-d6	6.62	99	1041258	49.54	ng	-0.02
23) Nitrobenzene-d5	8.57	82	2207125	89.87	ng	-0.02
41) 2,4,6-Tribromophenol	15.58	330	1426078	515.38	ng	-0.02
44) 2-Fluorobiphenyl	12.69	172	4444436	305.35	ng	-0.02
78) Terphenyl-d14	19.49	244	4147413	378.07	ng	-0.02

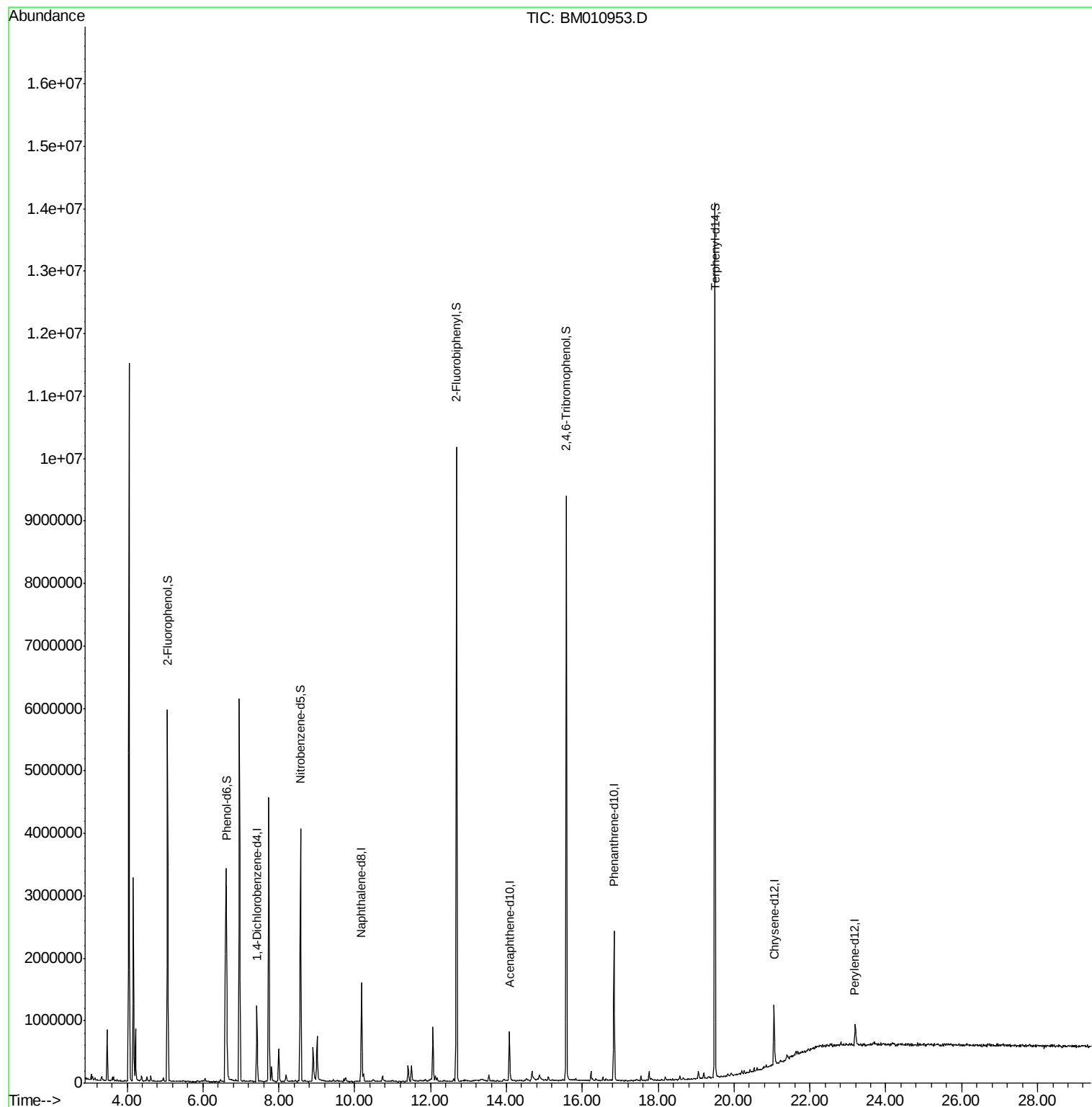
Target Compounds Qvalue

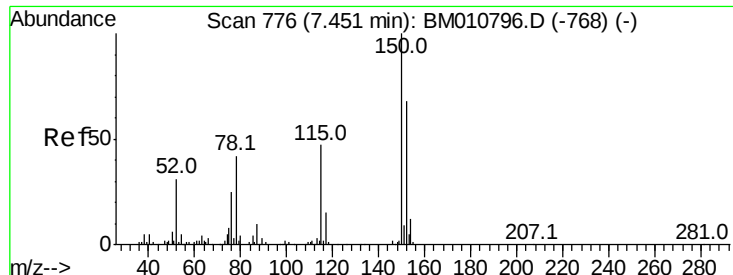
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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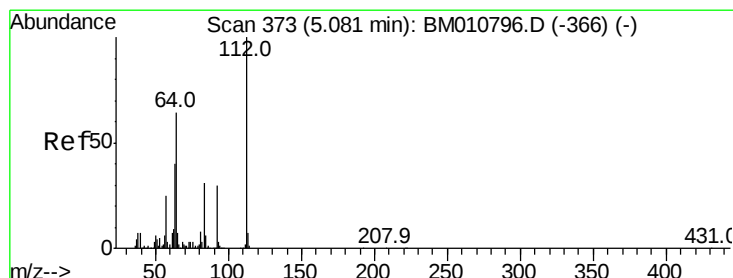
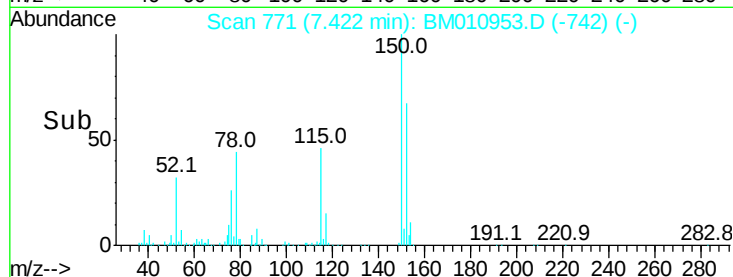
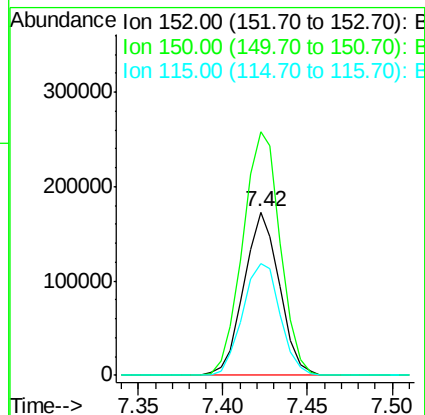
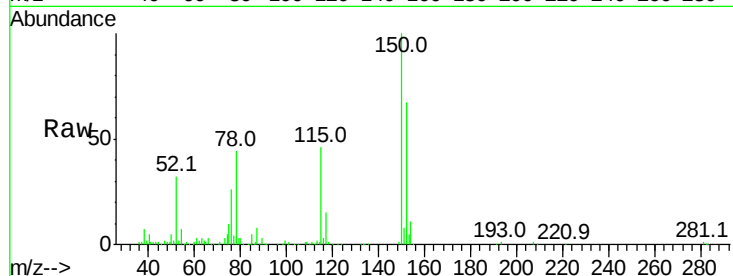


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.42 min Scan# 771
 Delta R.T. -0.03 min
 Lab File: BM010953.D
 Acq: 22 Jul 2017 01:35

Instrument :
 BNA_M
 ClientSampleId :
 B-COMB-1

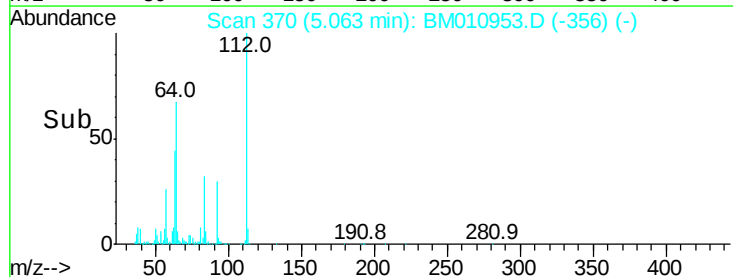
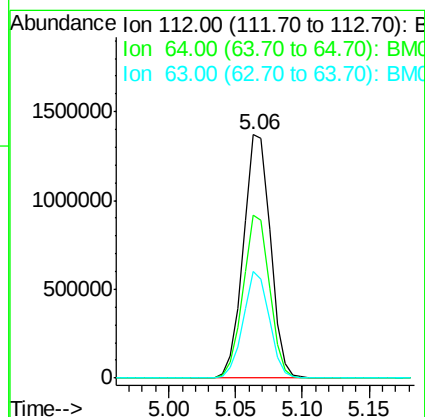
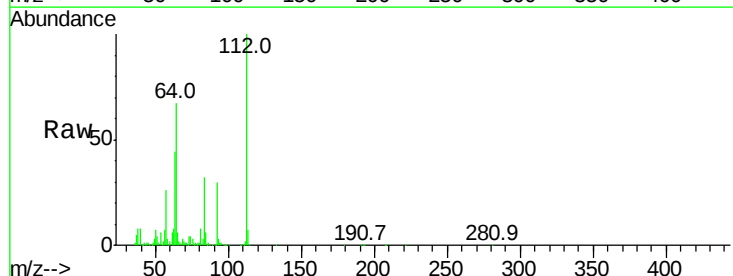
Tot Ion:152 Resp: 252575
 Ion Ratio Lower Upper
 152 100
 150 149.1 119.5 179.3
 115 68.7 43.0 64.4#

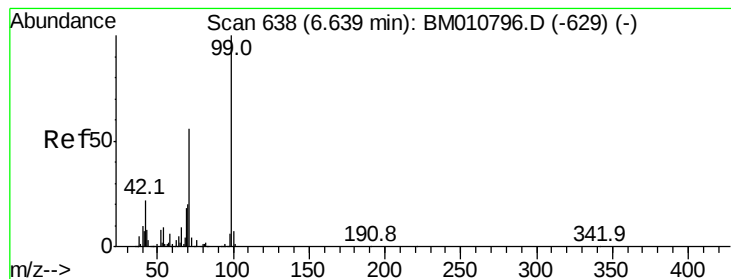


#5

2-Fluorophenol
 Concen: 125.204 ng
 RT: 5.06 min Scan# 370
 Delta R.T. -0.02 min
 Lab File: BM010953.D
 Acq: 22 Jul 2017 01:35

Tgt Ion:112 Resp: 1909054
 Ion Ratio Lower Upper
 112 100
 64 66.8 38.6 57.8#
 63 43.8 19.3 28.9#





#7

Phenol-d6

Concen: 49.536 ng

RT: 6.62 min Scan# 635

Delta R.T. -0.02 min

Lab File: BM010953.D

Acq: 22 Jul 2017 01:35

Instrument :

BNA_M

ClientSampleId :

B-COMB-1

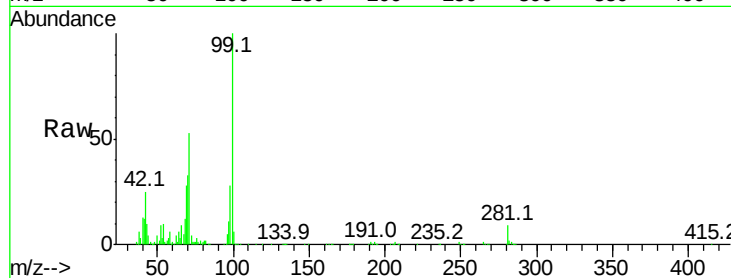
Tot Ion: 99 Resp: 1041258

Ion Ratio Lower Upper

99 100

42 25.3 11.0 16.4#

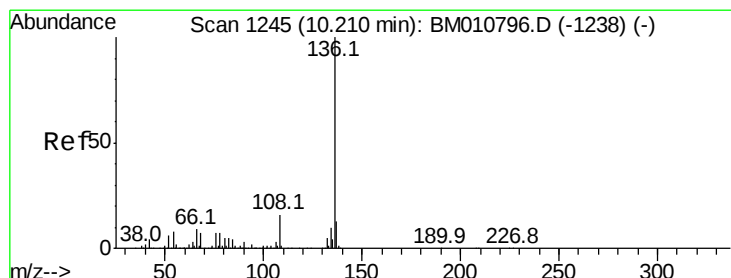
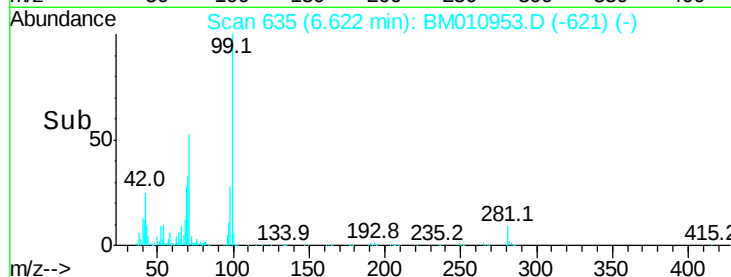
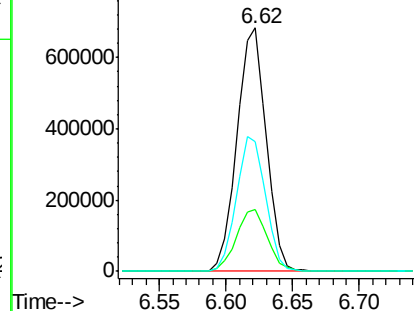
71 53.4 23.4 35.2#



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: 10.18 min Scan# 1240

Delta R.T. -0.03 min

Lab File: BM010953.D

Acq: 22 Jul 2017 01:35

Tgt Ion: 136 Resp: 943950

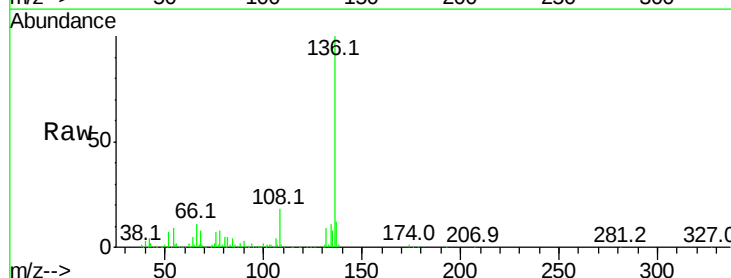
Ion Ratio Lower Upper

136 100

137 12.0 8.7 13.1

54 8.7 4.6 6.8#

68 7.5 3.7 5.5#

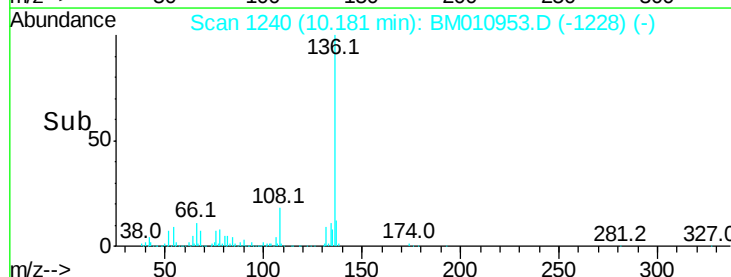
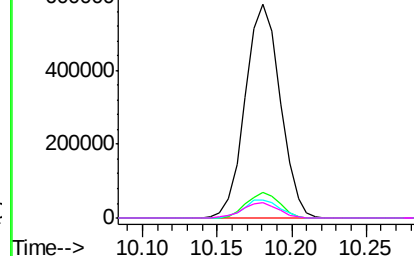


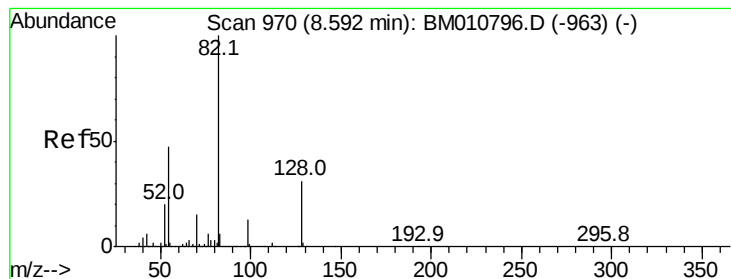
Abundance Ion 136.00 (135.70 to 136.70): BM010796.D (-1238) (-)

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: 89.874 ng

RT: 8.57 min Scan# 966

Delta R.T. -0.02 min

Lab File: BM010953.D

Acq: 22 Jul 2017 01:35

Instrument :

BNA_M

ClientSampleId :

B-COMB-1

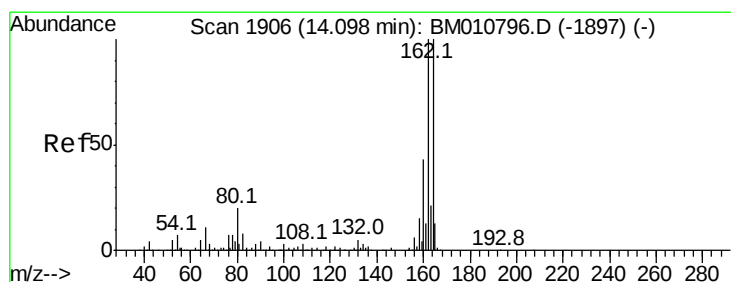
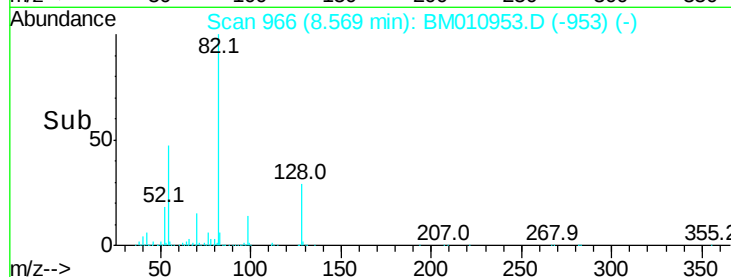
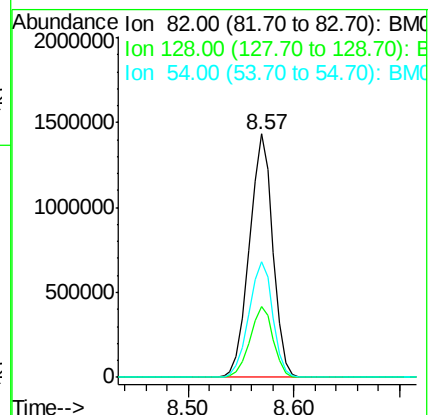
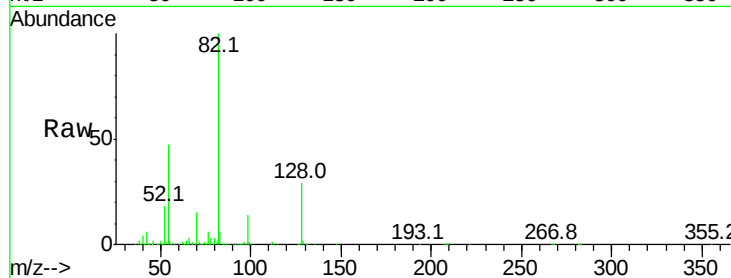
Tot Ion: 82 Resp: 2207125

Ion Ratio Lower Upper

82 100

128 29.0 32.8 49.2#

54 47.4 40.6 60.8



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.07 min Scan# 1902

Delta R.T. -0.02 min

Lab File: BM010953.D

Acq: 22 Jul 2017 01:35

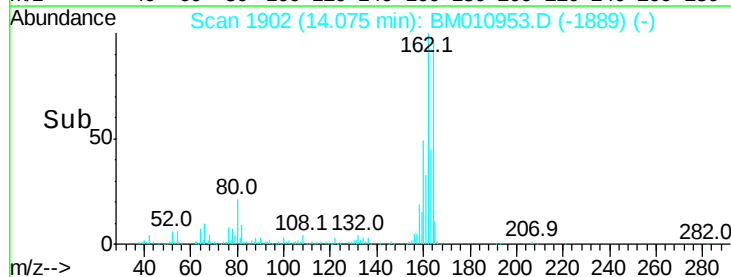
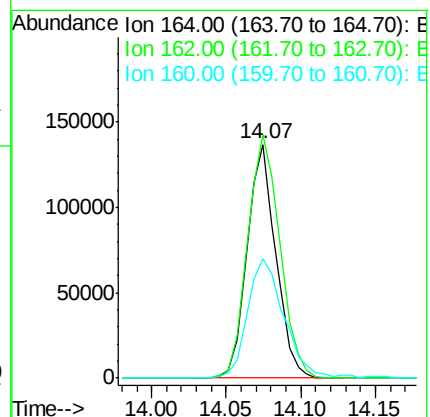
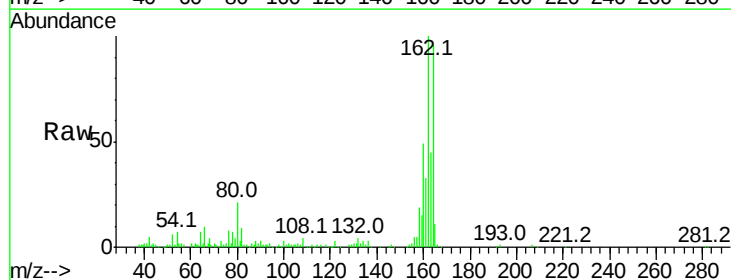
Tgt Ion: 164 Resp: 181068

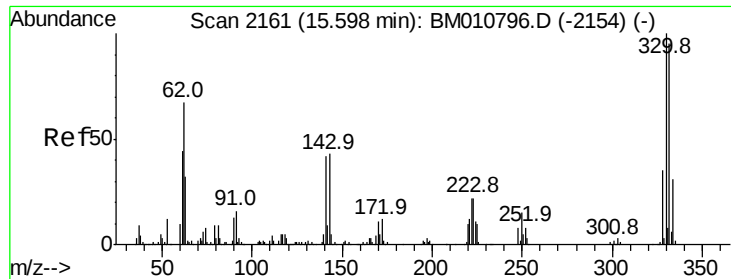
Ion Ratio Lower Upper

164 100

162 104.3 82.4 123.6

160 51.3 35.8 53.6

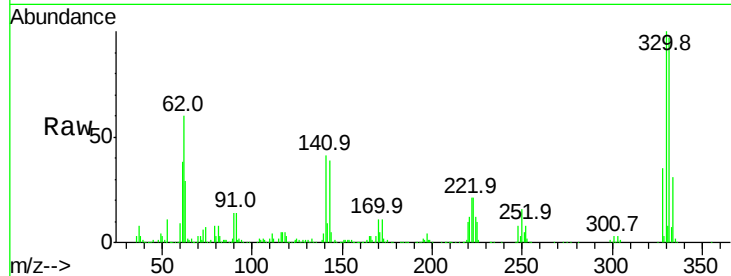




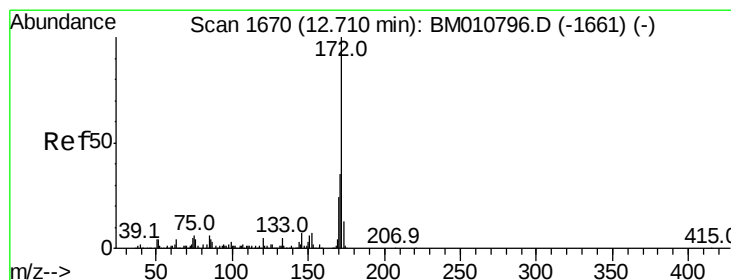
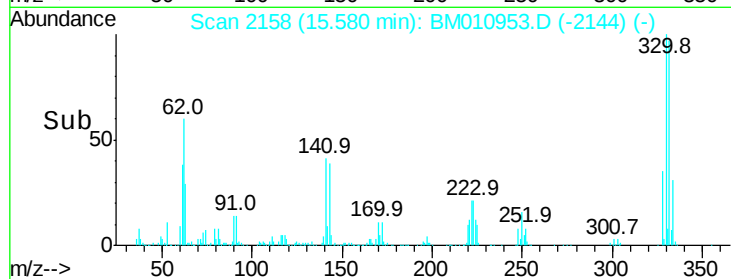
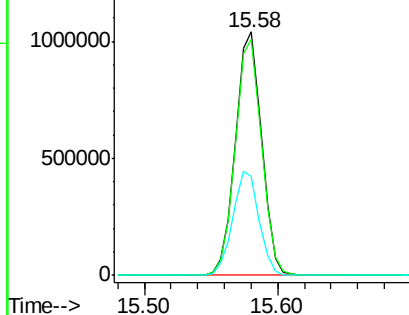
#41
 2,4,6-Tribromophenol
 Concen: 515.377 ng
 RT: 15.58 min Scan# 2158
 Delta R.T. -0.02 min
 Lab File: BM010953.D
 Acq: 22 Jul 2017 01:35

Instrument :
 BNA_M
 ClientSampleId :
 B-COMB-1

Tot Ion:330 Resp: 1426078
 Ion Ratio Lower Upper
 330 100
 332 97.4 0.0 0.0#
 141 43.0 0.0 0.0#

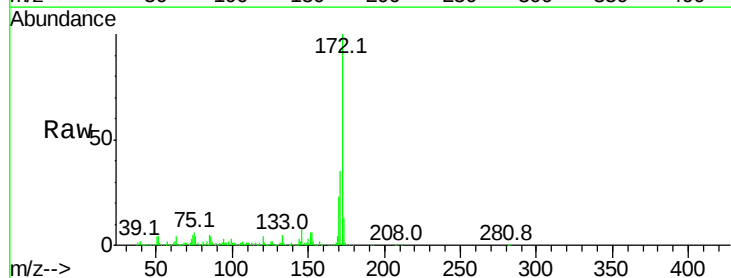


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

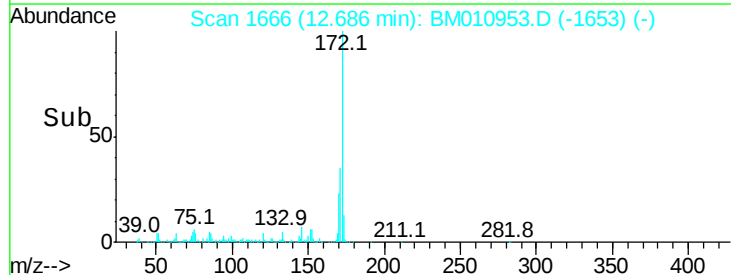
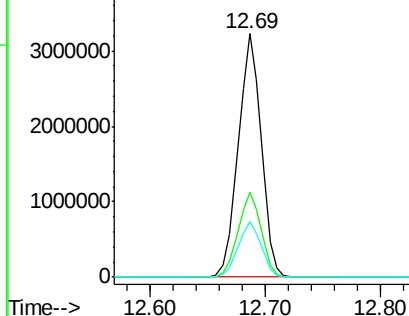


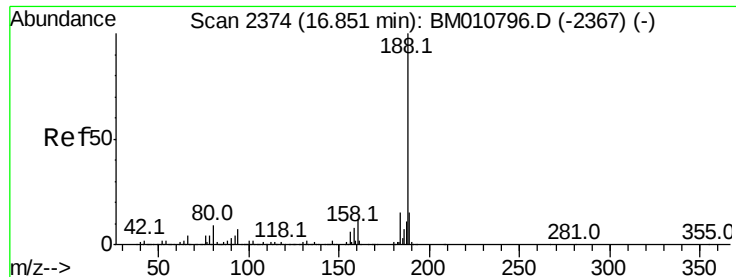
#44
 2-Fluorobiphenyl
 Concen: 305.354 ng
 RT: 12.69 min Scan# 1666
 Delta R.T. -0.02 min
 Lab File: BM010953.D
 Acq: 22 Jul 2017 01:35

Tgt Ion:172 Resp: 4444436
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.5 42.7
 170 22.7 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

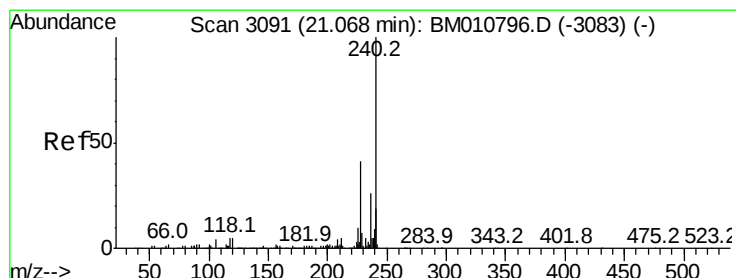
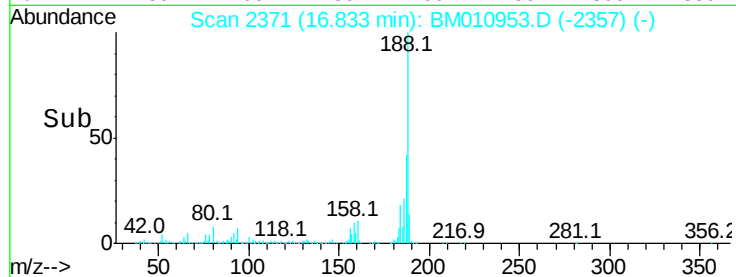
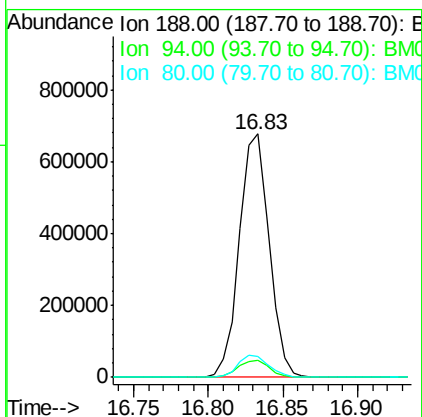
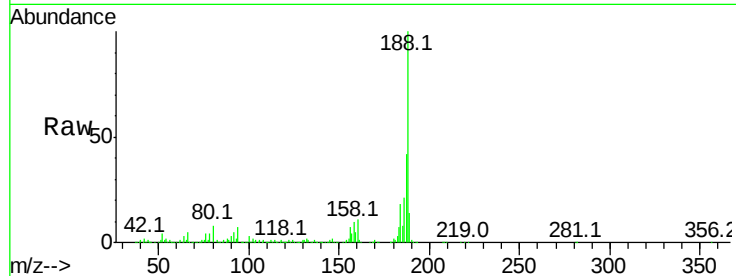




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.83 min Scan# 2371
 Delta R.T. -0.02 min
 Lab File: BM010953.D
 Acq: 22 Jul 2017 01:35

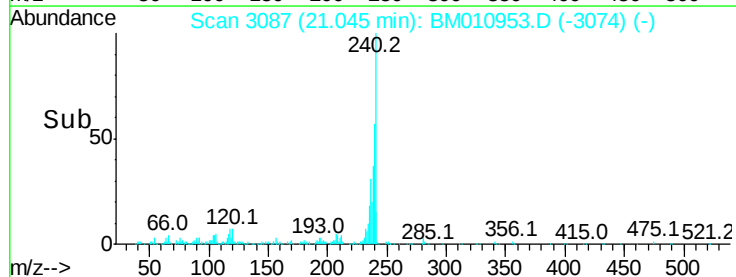
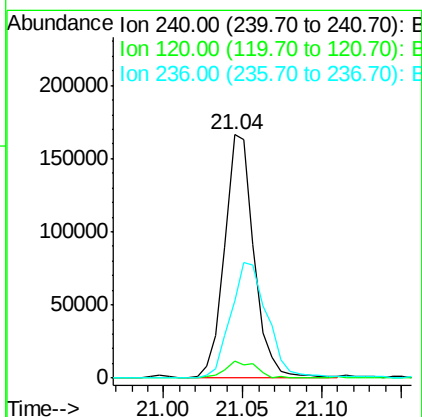
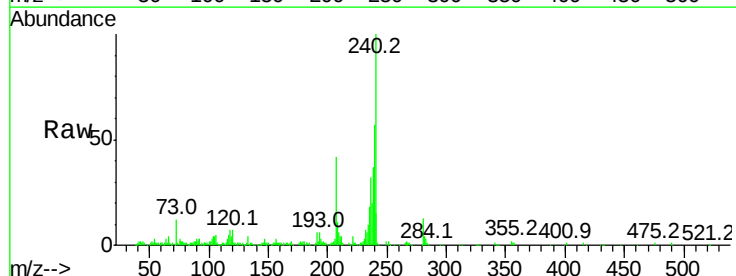
Instrument :
 BNA_M
 ClientSampleId :
 B-COMB-1

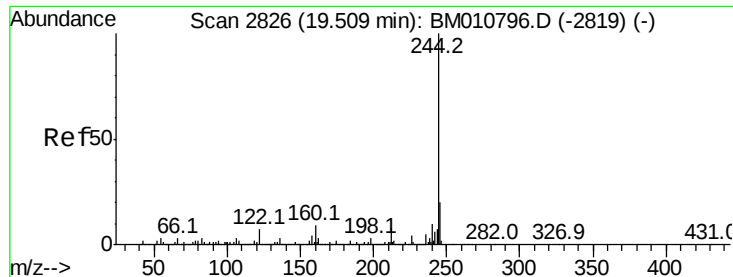
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.0	8.7	13.1#
80	8.3	9.3	13.9#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.04 min Scan# 3087
 Delta R.T. -0.02 min
 Lab File: BM010953.D
 Acq: 22 Jul 2017 01:35

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.1	8.2	12.2#
236	31.5	20.0	30.0#



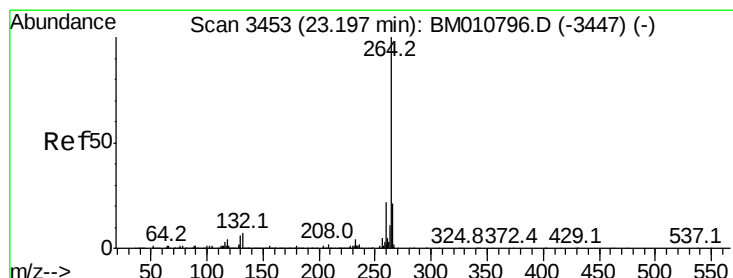
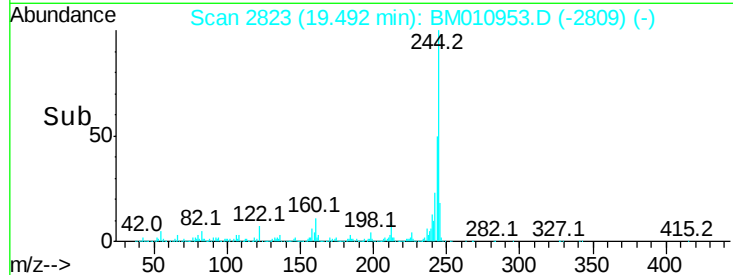
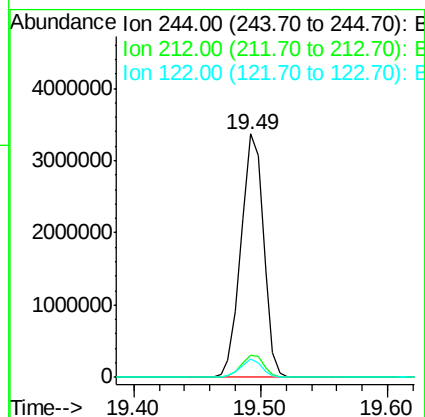
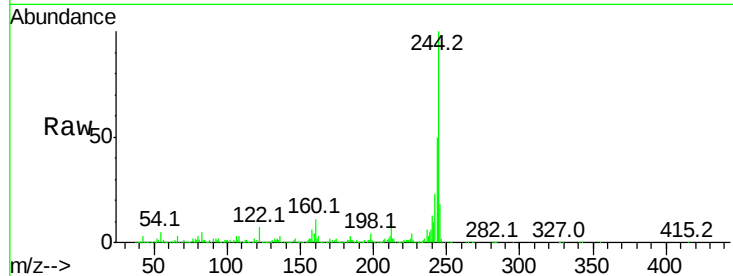


#78
 Terphenyl-d14
 Concen: 378.065 ng
 RT: 19.49 min Scan# 2823
 Delta R.T. -0.02 min
 Lab File: BM010953.D
 Acq: 22 Jul 2017 01:35

Instrument :
 BNA_M
 ClientSampleId :
 B-COMB-1

Tot Ion:244 Resp: 4147413

Ion	Ratio	Lower	Upper
244	100		
212	9.3	4.9	7.3#
122	7.4	6.2	9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.17 min Scan# 3448
 Delta R.T. -0.03 min
 Lab File: BM010953.D
 Acq: 22 Jul 2017 01:35

Tgt Ion:264 Resp: 11469

Ion	Ratio	Lower	Upper
264	100		
260	60.5	18.6	27.8#
265	90.2	17.3	25.9#

