

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071917\
 Data File : BM010900.D
 Acq On : 19 Jul 2017 19:15
 Operator : SJ/JU
 Sample : I4245-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 20 01:10:26 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	203261	20.00	ng	-0.01
21) Naphthalene-d8	10.20	136	755923	20.00	ng	-0.01
38) Acenaphthene-d10	14.09	164	417381	20.00	ng	-0.01
63) Phenanthrene-d10	16.84	188	1123160	20.00	ng	0.00
75) Chrysene-d12	21.06	240	907296	20.00	ng	-0.01
86) Perylene-d12	23.19	264	239839	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1740650	141.86	ng	0.00
7) Phenol-d6	6.64	99	2100128	124.15	ng	0.00
23) Nitrobenzene-d5	8.59	82	1865487	94.86	ng	0.00
41) 2,4,6-Tribromophenol	15.59	330	1104266	173.13	ng	0.00
44) 2-Fluorobiphenyl	12.70	172	3667178	109.30	ng	0.00
78) Terphenyl-d14	19.50	244	5321925	113.45	ng	0.00

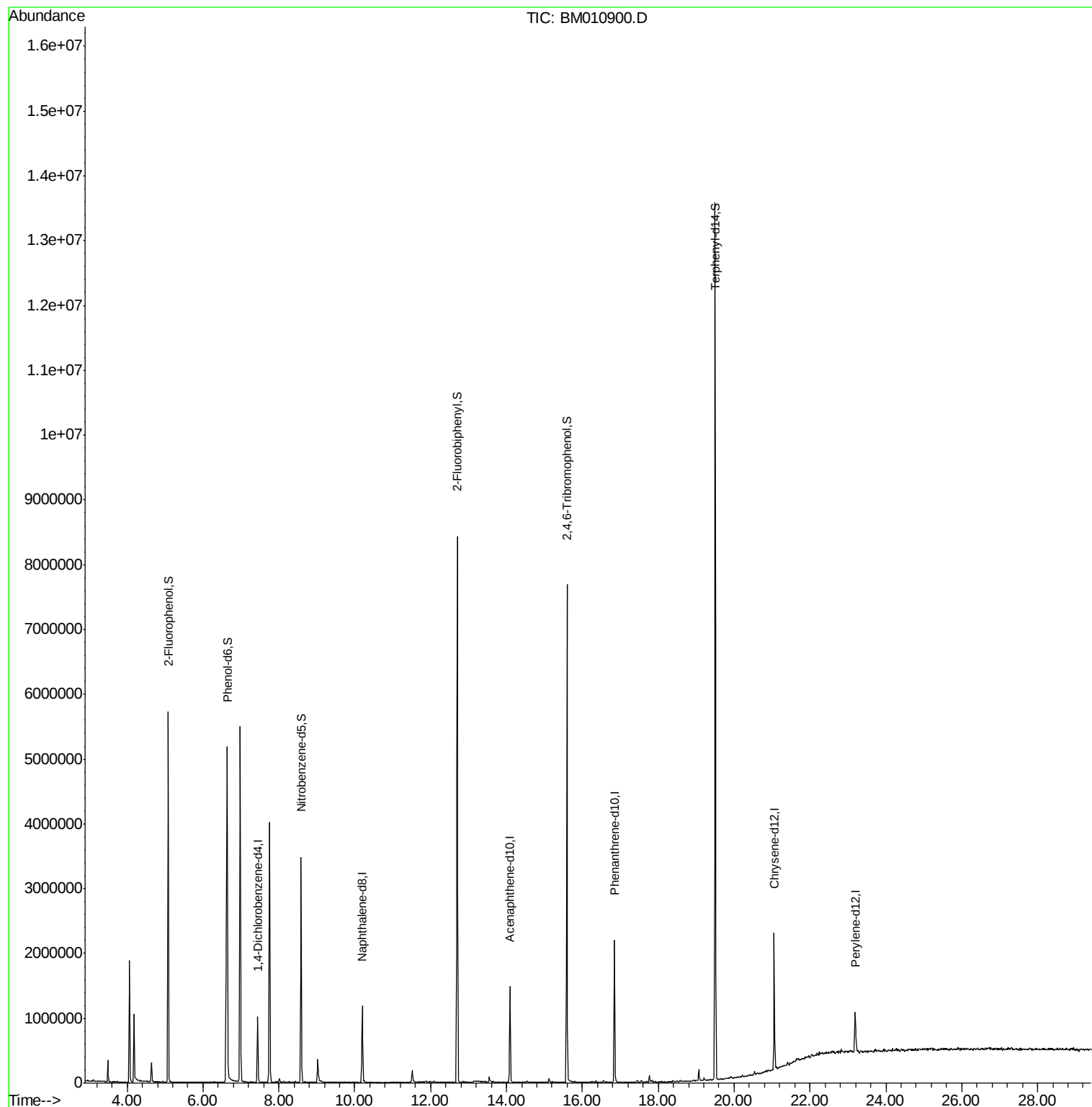
Target Compounds Qvalue

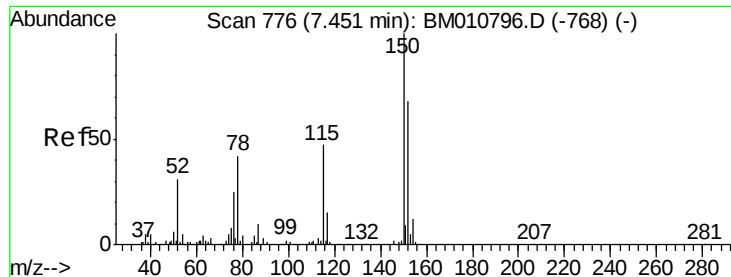
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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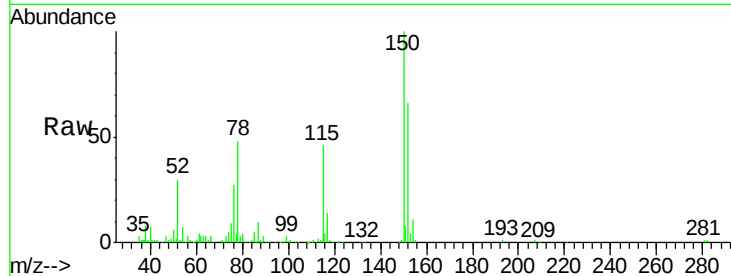


#1

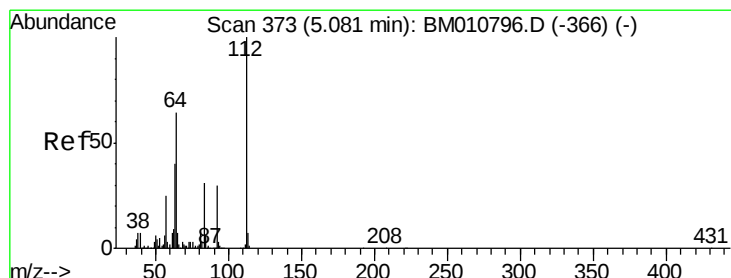
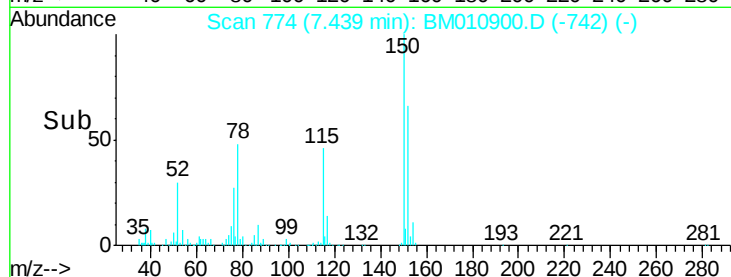
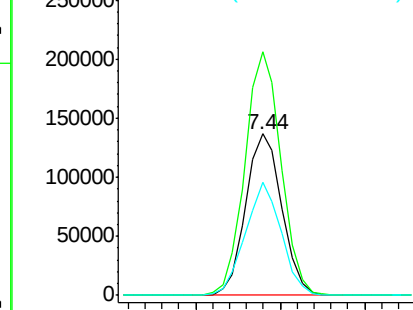
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM010900.D
Acq: 19 Jul 2017 19:15

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 203261
Ion Ratio Lower Upper
152 100
150 150.9 119.5 179.3
115 69.9 43.0 64.4#



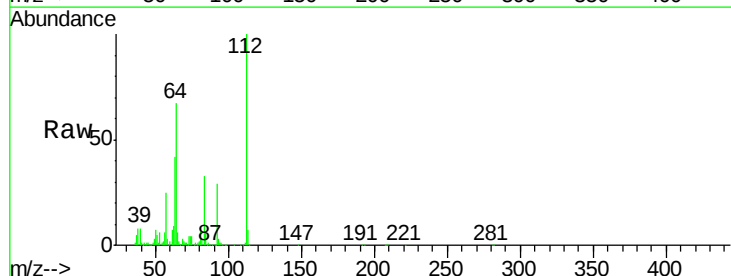
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



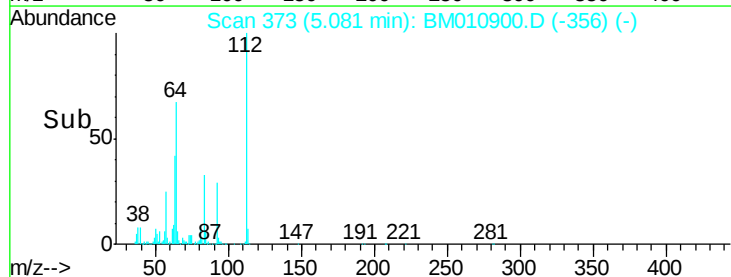
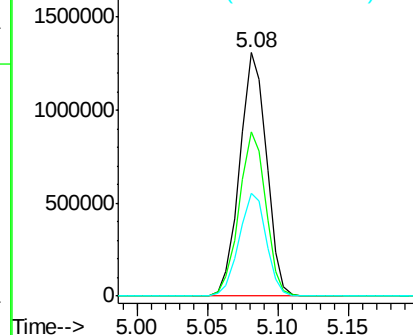
#5

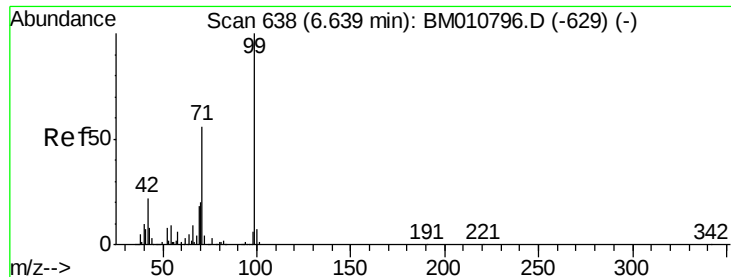
2-Fluorophenol
Concen: 141.86 ng
RT: 5.08 min Scan# 373
Delta R.T. 0.00 min
Lab File: BM010900.D
Acq: 19 Jul 2017 19:15

Tgt Ion:112 Resp: 1740650
Ion Ratio Lower Upper
112 100
64 67.3 38.6 57.8#
63 42.1 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: 124.15 ng

RT: 6.64 min Scan# 638

Delta R.T. 0.00 min

Lab File: BM010900.D

Acq: 19 Jul 2017 19:15

Instrument :

BNA_M

ClientSampleId :

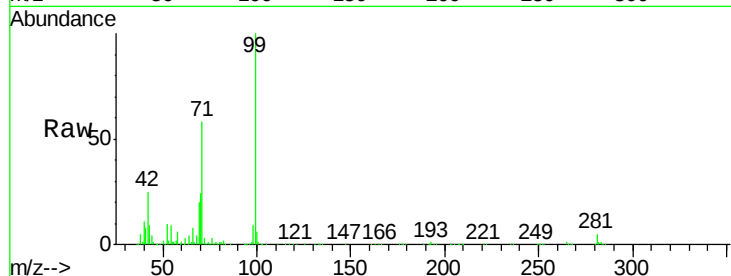
Tot Ion: 99 Resp: 2100128

Ion Ratio Lower Upper

99 100

42 24.5 11.0 16.4#

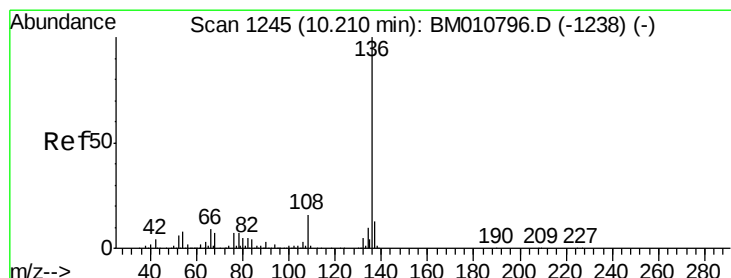
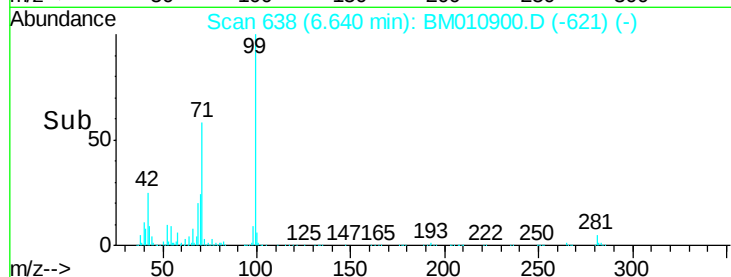
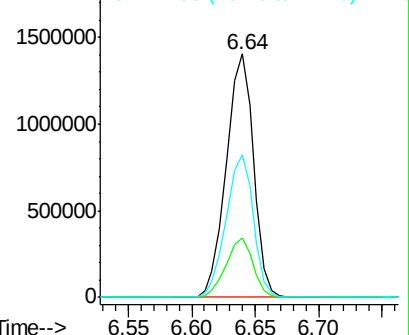
71 58.5 23.4 35.2#



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) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.20 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BM010900.D

Acq: 19 Jul 2017 19:15

Tgt Ion: 136 Resp: 755923

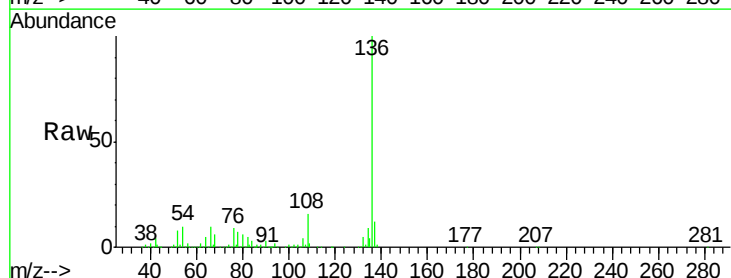
Ion Ratio Lower Upper

136 100

137 11.9 8.7 13.1

54 9.5 4.6 6.8#

68 6.3 3.7 5.5#

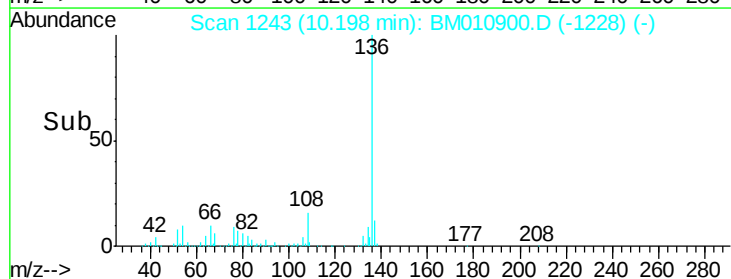
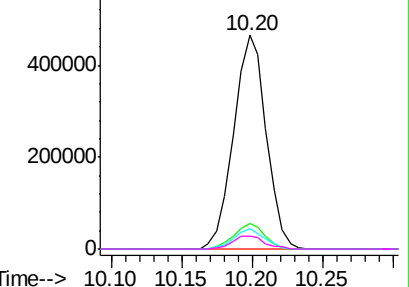


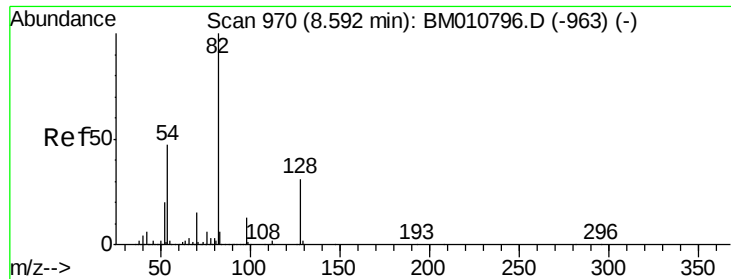
Abundance Ion 136.00 (135.70 to 136.70): BM010796.D (-1238) (-)

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) (-)

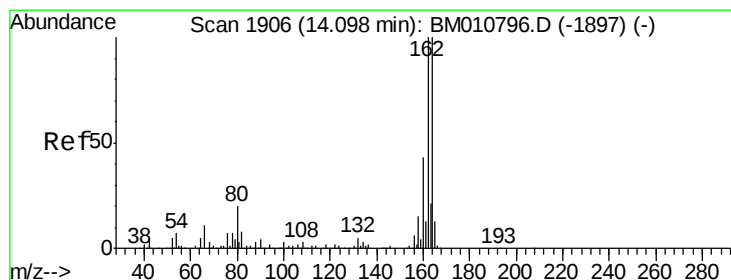
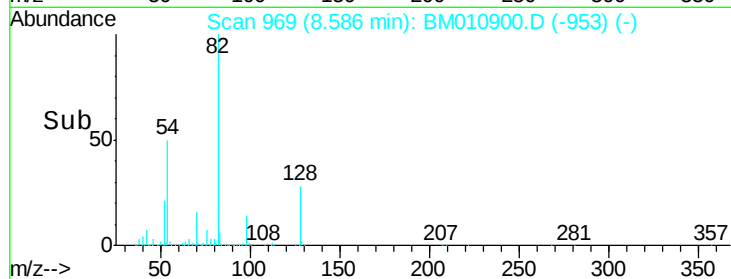
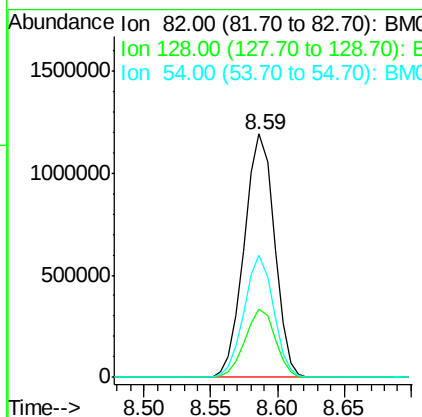
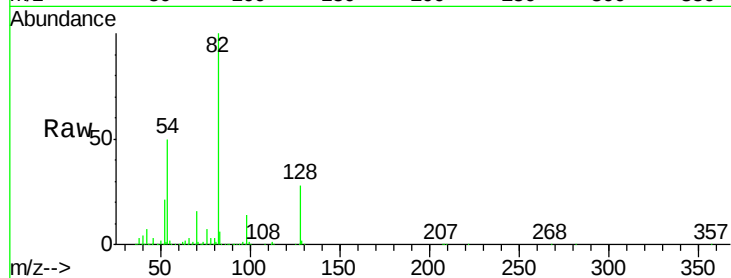




#23
 Nitrobenzene-d5
 Concen: 94.86 ng
 RT: 8.59 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BM010900.D
 Acq: 19 Jul 2017 19:15

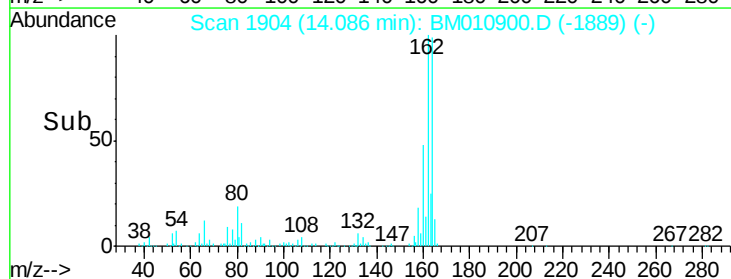
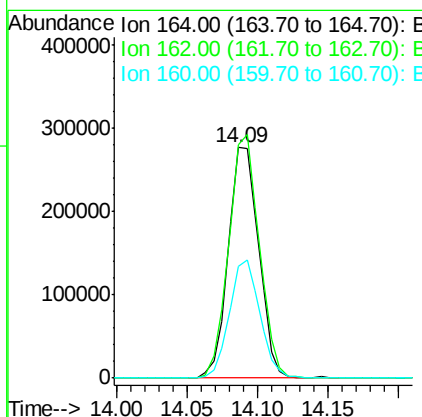
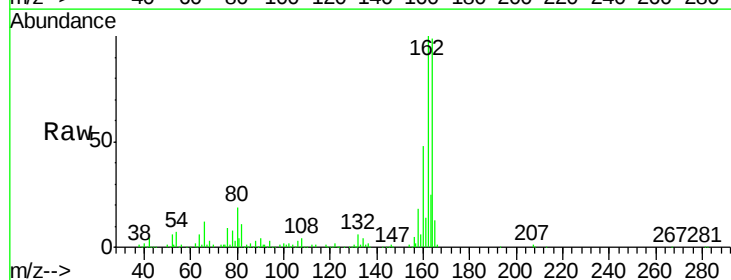
Instrument :
 BNA_M
 ClientSampleId :

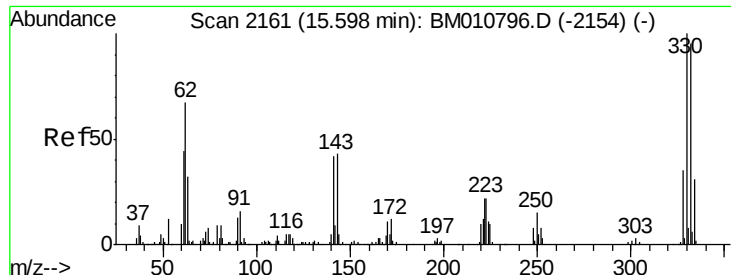
Tot Ion: 82 Resp: 1865487
 Ion Ratio Lower Upper
 82 100
 128 27.9 32.8 49.2#
 54 50.3 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.09 min Scan# 1904
 Delta R.T. -0.01 min
 Lab File: BM010900.D
 Acq: 19 Jul 2017 19:15

Tgt Ion: 164 Resp: 417381
 Ion Ratio Lower Upper
 164 100
 162 101.2 82.4 123.6
 160 48.4 35.8 53.6



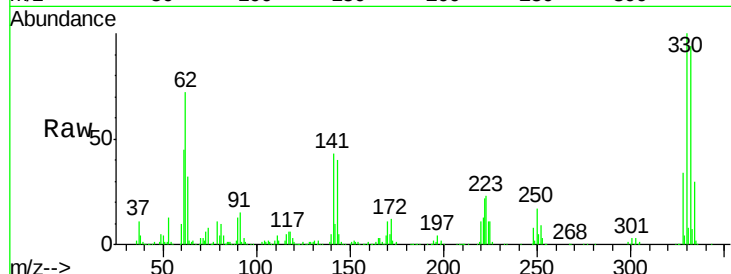


#41
 2,4,6-Tribromophenol
 Concen: 173.13 ng
 RT: 15.59 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BM010900.D
 Acq: 19 Jul 2017 19:15

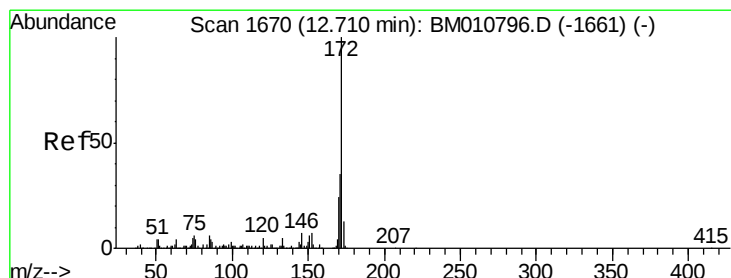
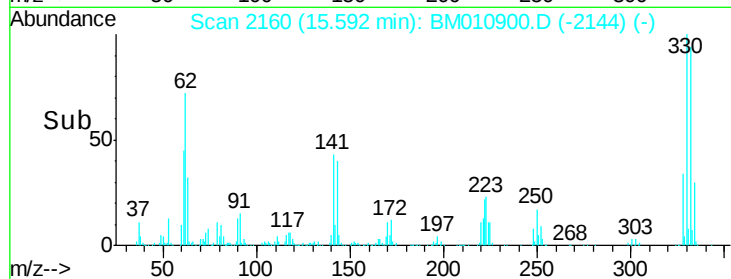
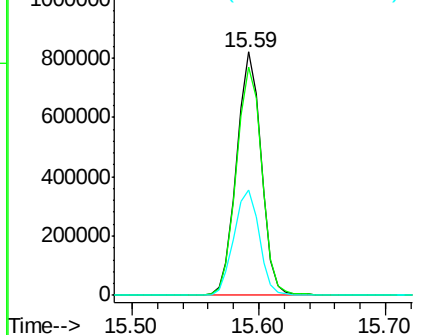
Instrument :
 BNA_M
 ClientSampled :

Tot Ion:330 Resp: 1104266

Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	44.7	0.0	0.0#



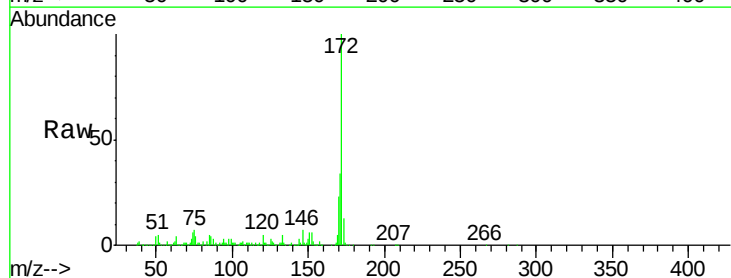
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



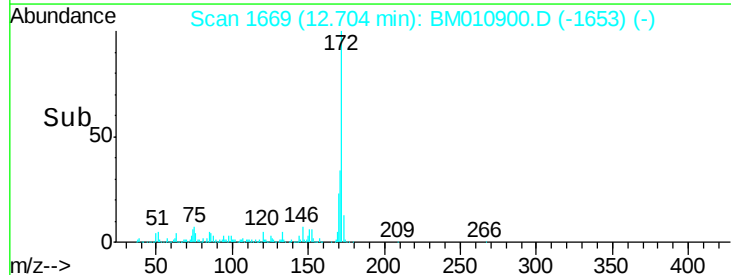
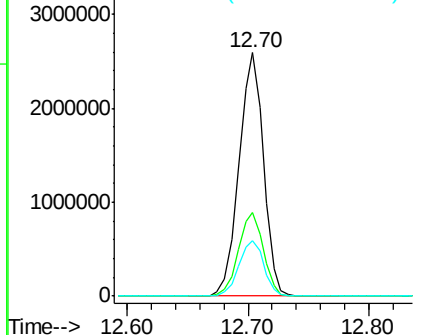
#44
 2-Fluorobiphenyl
 Concen: 109.30 ng
 RT: 12.70 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM010900.D
 Acq: 19 Jul 2017 19:15

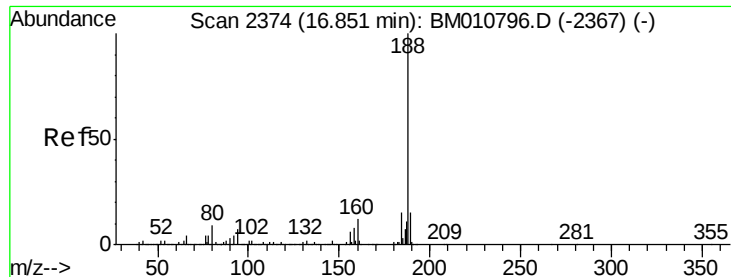
Tgt Ion:172 Resp: 3667178

Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.5	42.7
170	22.9	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

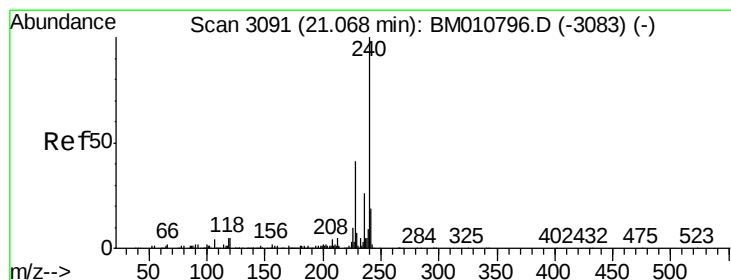
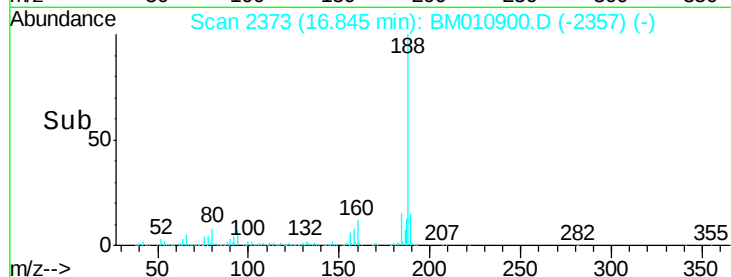
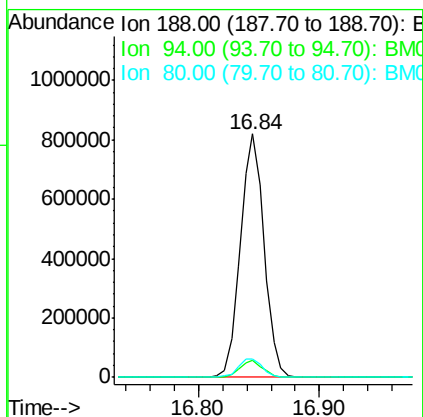
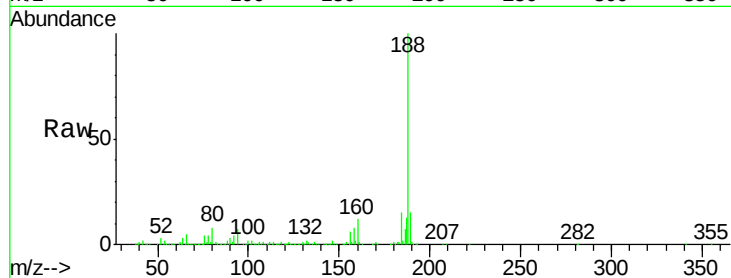




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.84 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BM010900.D
Acq: 19 Jul 2017 19:15

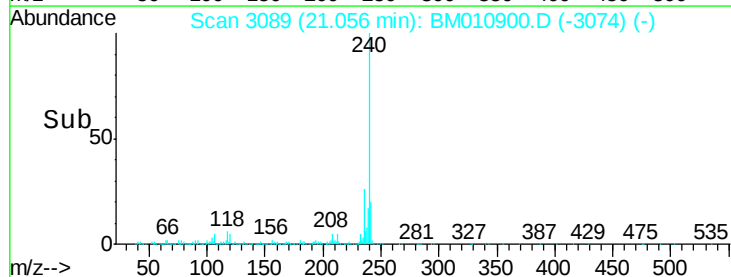
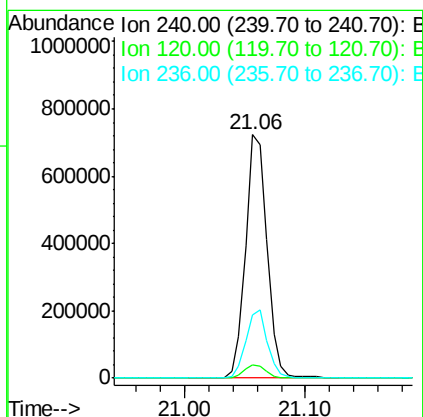
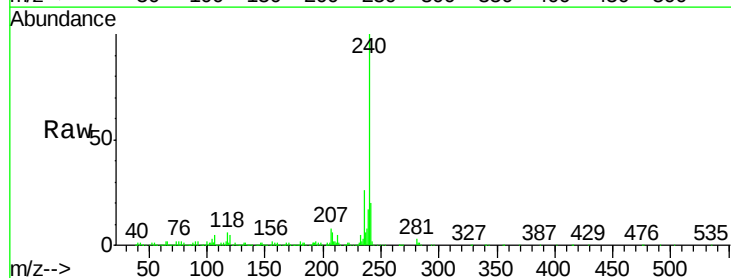
Instrument :
BNA_M
ClientSampleId :

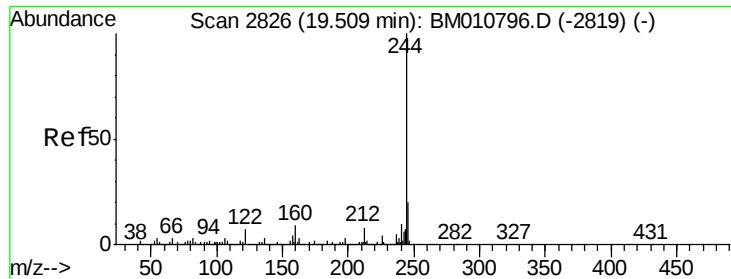
Tot Ion:188 Resp: 1123160
Ion Ratio Lower Upper
188 100
94 6.8 8.7 13.1#
80 7.6 9.3 13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.06 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM010900.D
Acq: 19 Jul 2017 19:15

Tgt Ion:240 Resp: 907296
Ion Ratio Lower Upper
240 100
120 5.4 8.2 12.2#
236 26.1 20.0 30.0

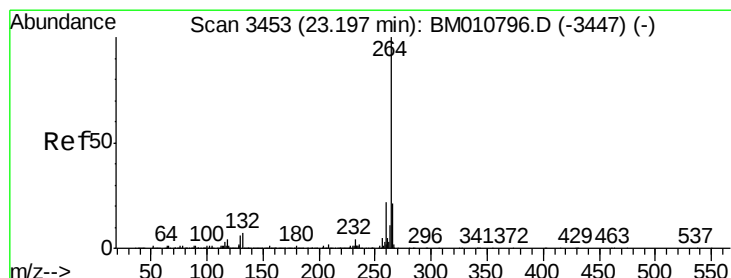
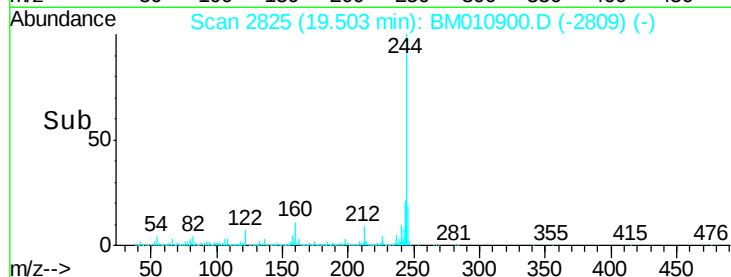
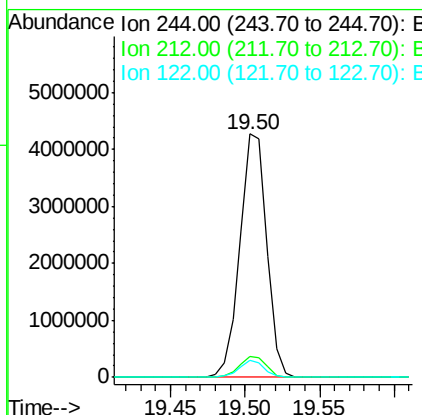
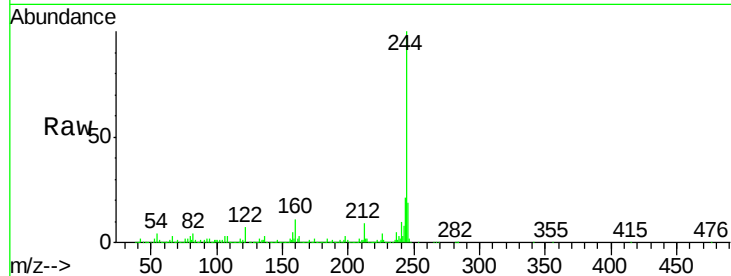




#78
 Terphenyl-d14
 Concen: 113.45 ng
 RT: 19.50 min Scan# 2825
 Delta R.T. -0.01 min
 Lab File: BM010900.D
 Acq: 19 Jul 2017 19:15

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:244 Resp: 5321925
 Ion Ratio Lower Upper
 244 100
 212 8.8 4.9 7.3#
 122 6.9 6.2 9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.19 min Scan# 3452
 Delta R.T. -0.01 min
 Lab File: BM010900.D
 Acq: 19 Jul 2017 19:15

Tgt Ion:264 Resp: 239839
 Ion Ratio Lower Upper
 264 100
 260 37.7 18.6 27.8#
 265 24.1 17.3 25.9

