

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071917\
 Data File : BM010901.D
 Acq On : 19 Jul 2017 19:51
 Operator : SJ/JU
 Sample : I4245-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 20 01:10:42 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	200749	20.00	ng	-0.01
21) Naphthalene-d8	10.20	136	753936	20.00	ng	-0.01
38) Acenaphthene-d10	14.09	164	484631	20.00	ng	0.00
63) Phenanthrene-d10	16.85	188	1239233	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1210226	20.00	ng	0.00
86) Perylene-d12	23.19	264	498630	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1748274	144.26	ng	0.00
7) Phenol-d6	6.64	99	2210275	132.30	ng	0.00
23) Nitrobenzene-d5	8.59	82	1898941	96.81	ng	0.00
41) 2,4,6-Tribromophenol	15.59	330	1193854	161.20	ng	0.00
44) 2-Fluorobiphenyl	12.70	172	3811145	97.83	ng	0.00
78) Terphenyl-d14	19.50	244	6272441	100.24	ng	0.00

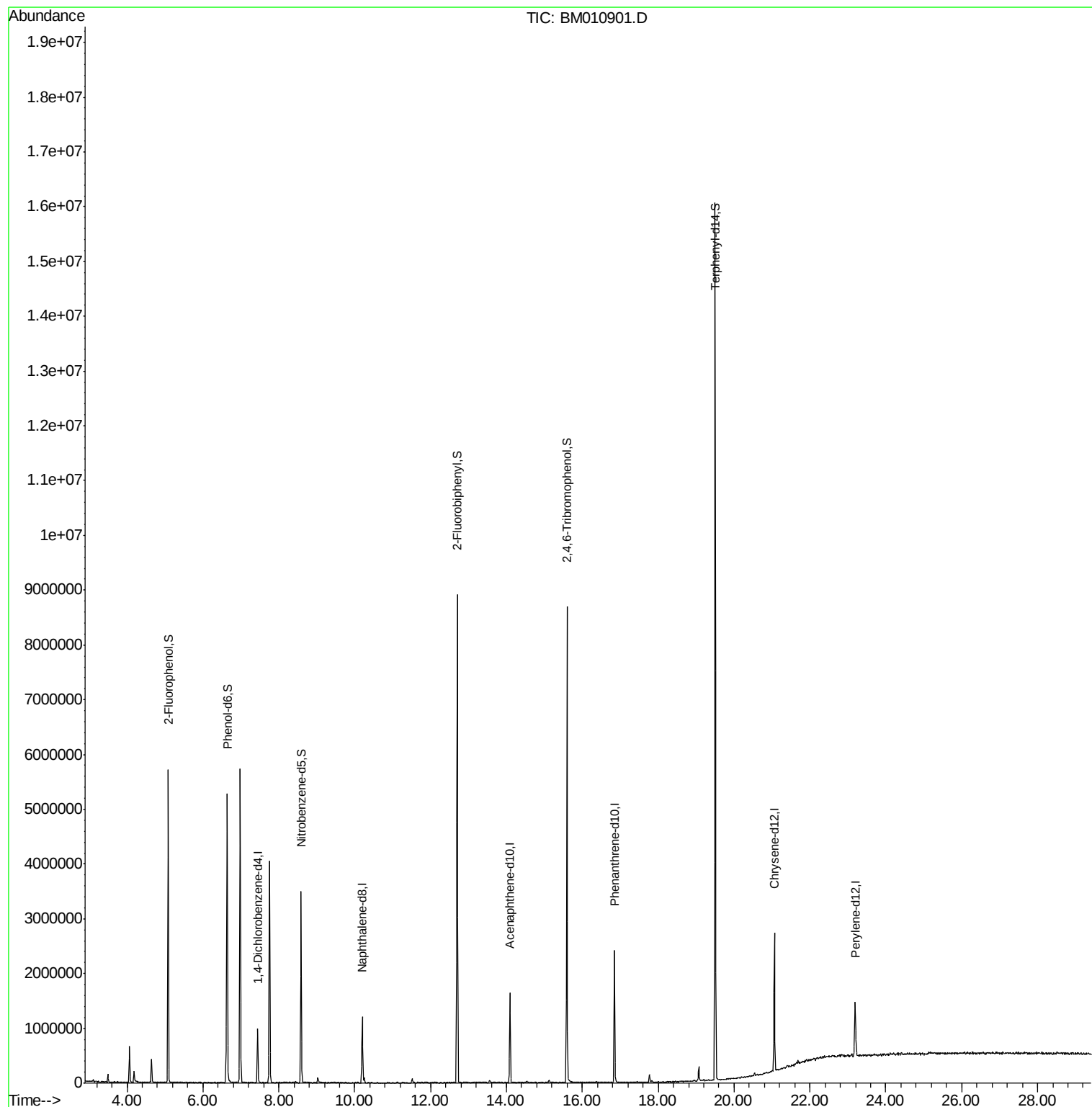
Target Compounds Qvalue

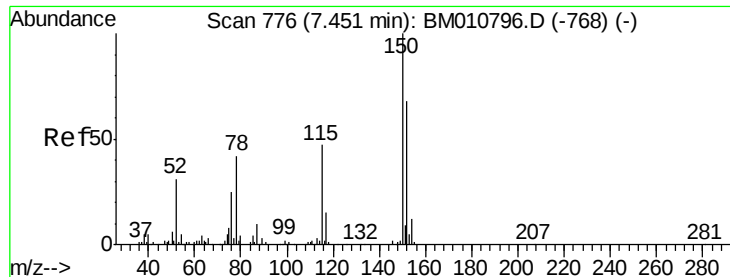
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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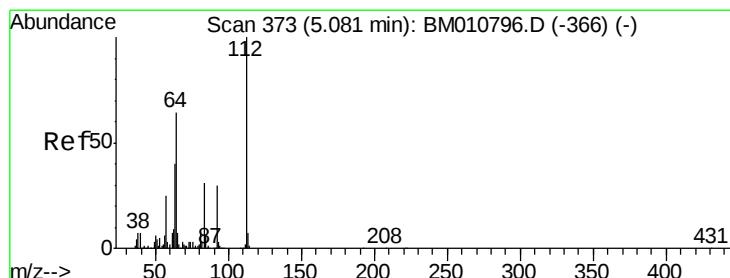
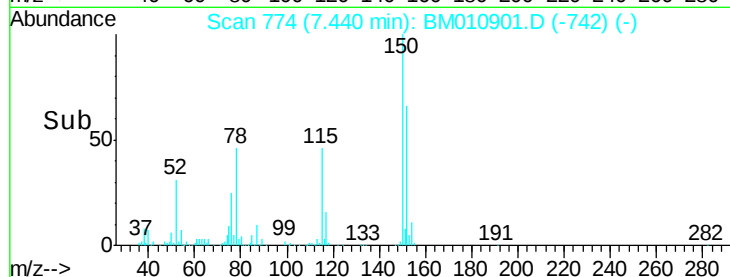
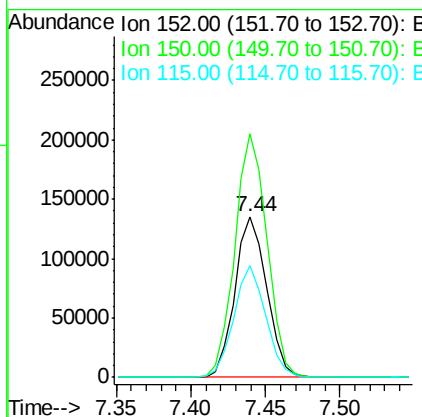
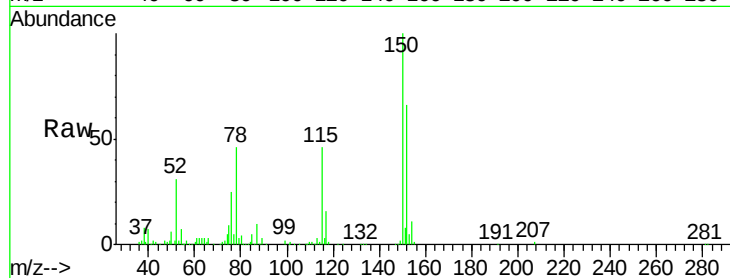


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM010901.D
Acq: 19 Jul 2017 19:51

Instrument :
BNA_M
ClientSampleId :

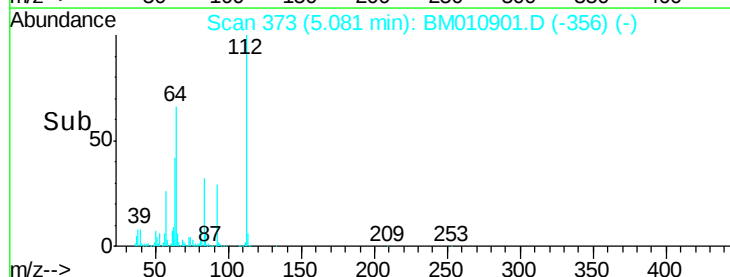
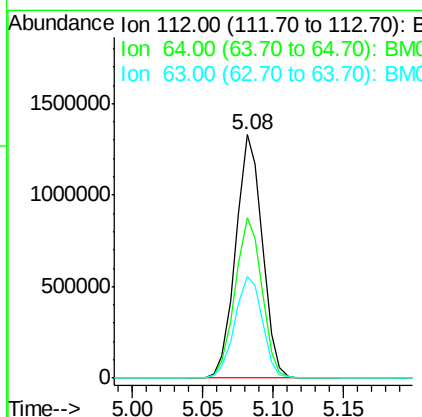
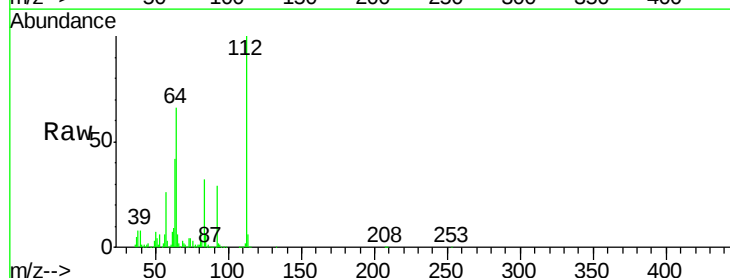
Tot Ion:152 Resp: 200749
Ion Ratio Lower Upper
152 100
150 151.3 119.5 179.3
115 69.1 43.0 64.4#

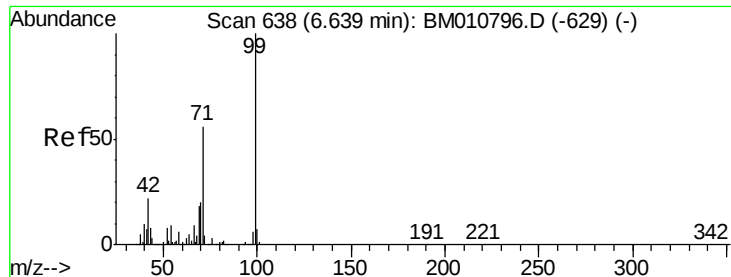


#5

2-Fluorophenol
Concen: 144.26 ng
RT: 5.08 min Scan# 373
Delta R.T. 0.00 min
Lab File: BM010901.D
Acq: 19 Jul 2017 19:51

Tgt Ion:112 Resp: 1748274
Ion Ratio Lower Upper
112 100
64 66.0 38.6 57.8#
63 41.9 19.3 28.9#





#7

Phenol-d6

Concen: 132.30 ng

RT: 6.64 min Scan# 638

Delta R.T. 0.00 min

Lab File: BM010901.D

Acq: 19 Jul 2017 19:51

Instrument :

BNA_M

ClientSampleId :

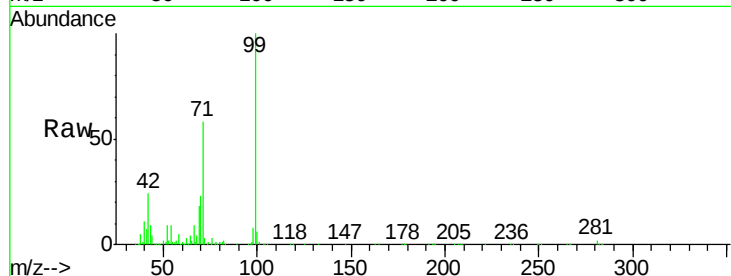
Tot Ion: 99 Resp: 2210275

Ion Ratio Lower Upper

99 100

42 23.7 11.0 16.4#

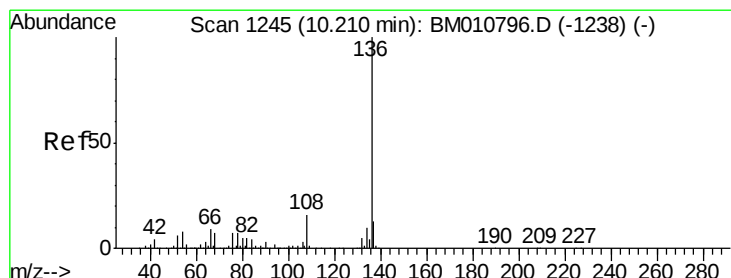
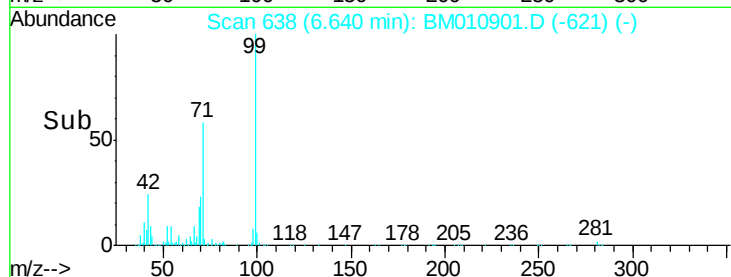
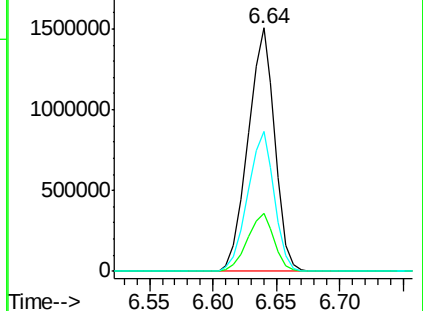
71 57.5 23.4 35.2#



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) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.20 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BM010901.D

Acq: 19 Jul 2017 19:51

Tgt Ion: 136 Resp: 753936

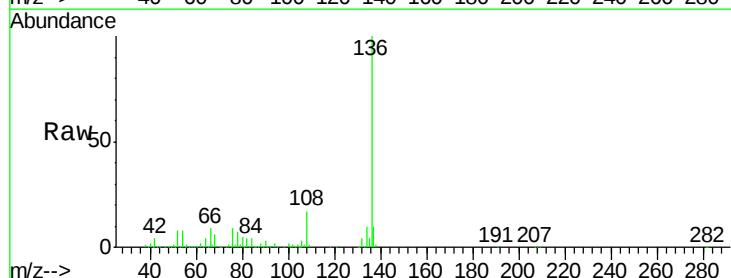
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 8.5 4.6 6.8#

68 6.3 3.7 5.5#

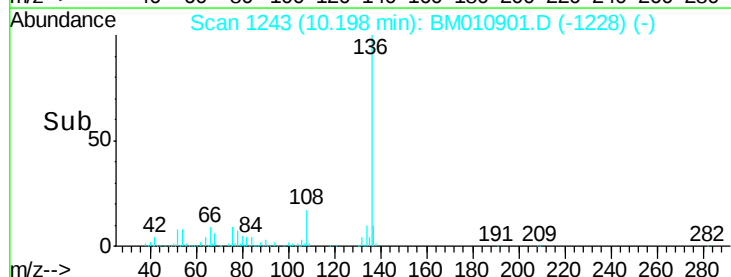
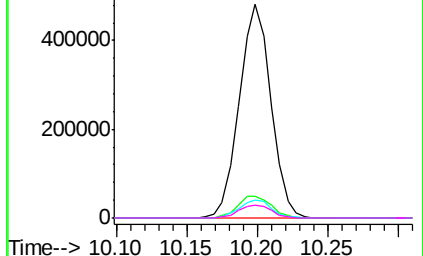


Abundance Ion 136.00 (135.70 to 136.70): BM010796.D (-1238) (-)

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) (-)

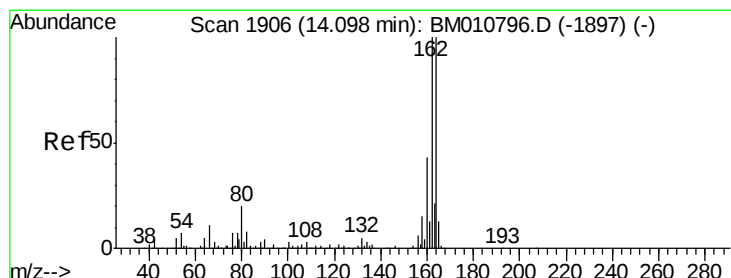
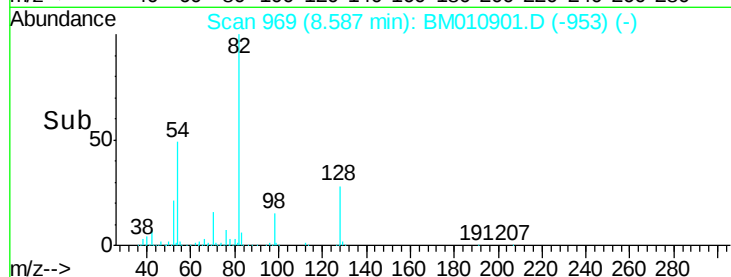
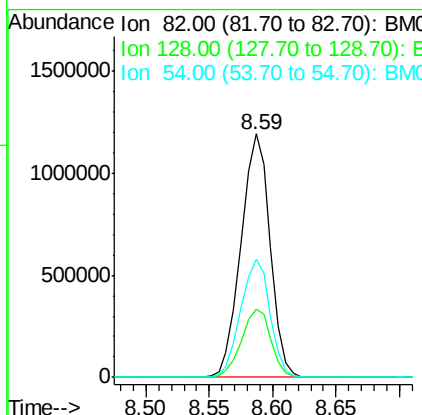
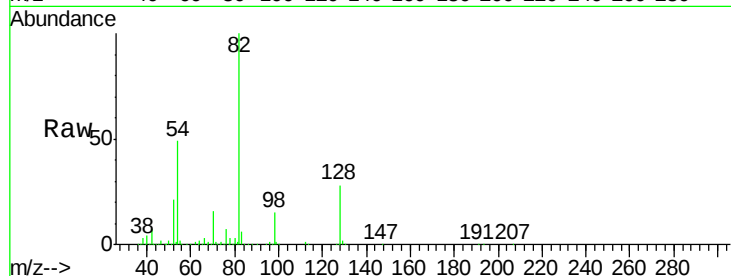




#23
 Nitrobenzene-d5
 Concen: 96.81 ng
 RT: 8.59 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BM010901.D
 Acq: 19 Jul 2017 19:51

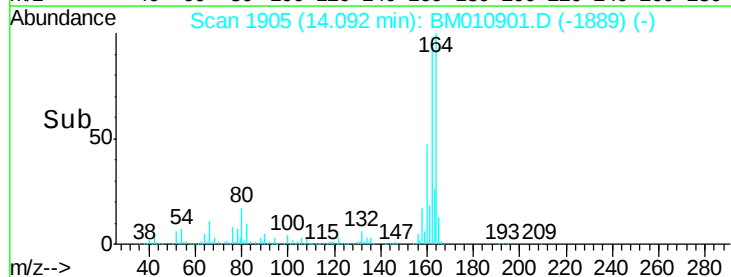
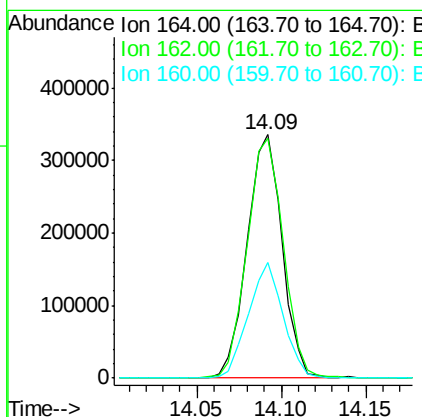
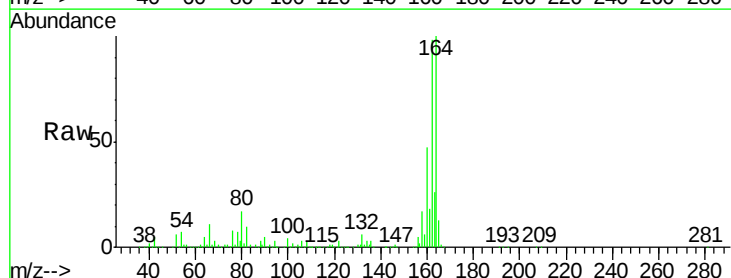
Instrument :
 BNA_M
 ClientSampleId :

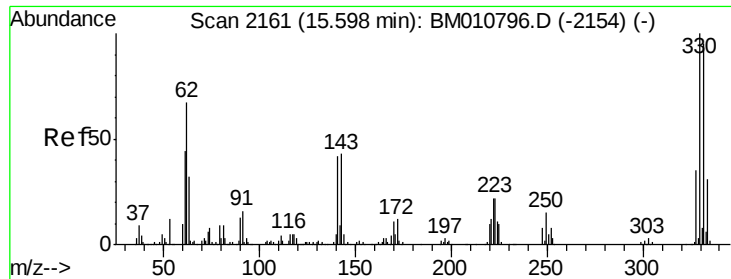
Tot Ion: 82 Resp: 1898941
 Ion Ratio Lower Upper
 82 100
 128 28.3 32.8 49.2#
 54 48.7 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.09 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BM010901.D
 Acq: 19 Jul 2017 19:51

Tgt Ion:164 Resp: 484631
 Ion Ratio Lower Upper
 164 100
 162 98.4 82.4 123.6
 160 47.4 35.8 53.6





#41

2,4,6-Tribromophenol

Concen: 161.20 ng

RT: 15.59 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BM010901.D

Acq: 19 Jul 2017 19:51

Instrument :

BNA_M

ClientSampleId :

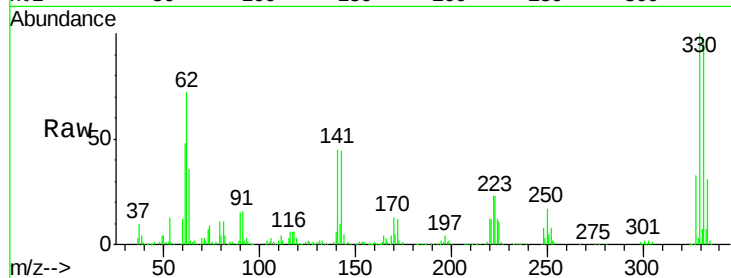
Tot Ion:330 Resp: 1193854

Ion Ratio Lower Upper

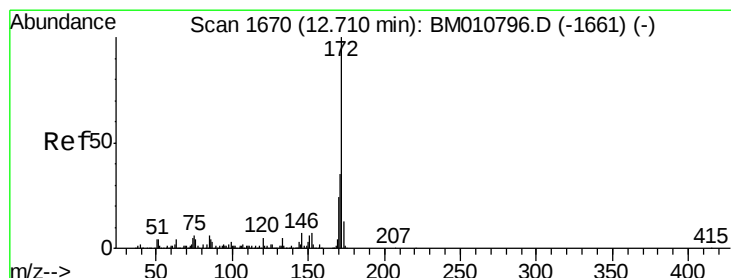
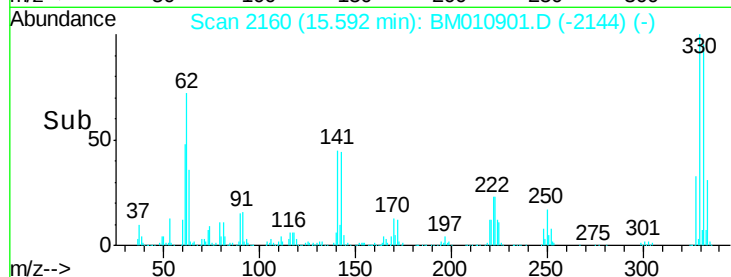
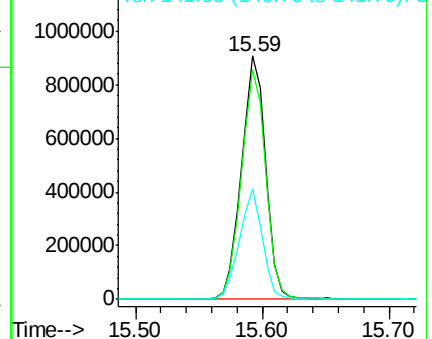
330 100

332 95.1 0.0 0.0#

141 43.1 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: 97.83 ng

RT: 12.70 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BM010901.D

Acq: 19 Jul 2017 19:51

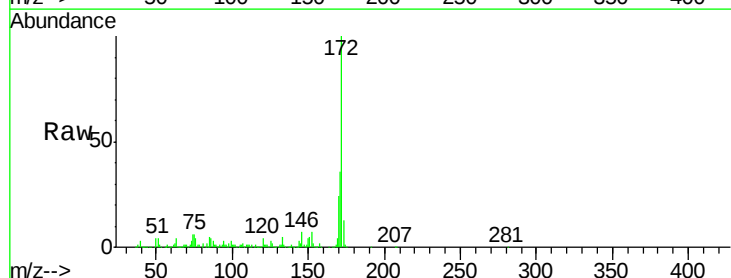
Tgt Ion:172 Resp: 3811145

Ion Ratio Lower Upper

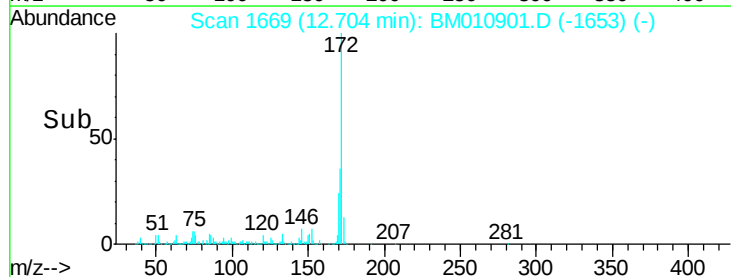
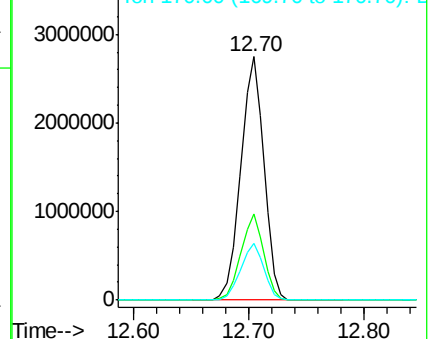
172 100

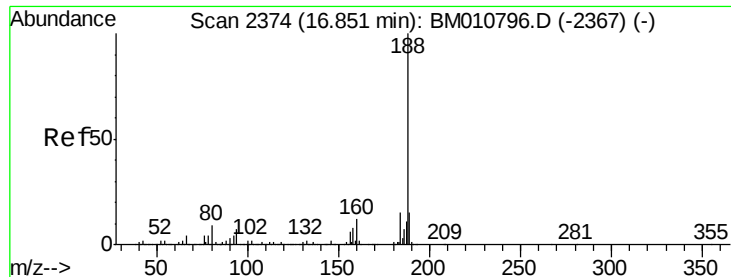
171 35.6 28.5 42.7

170 23.6 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

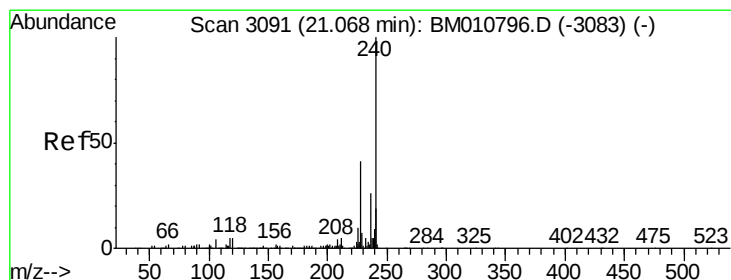
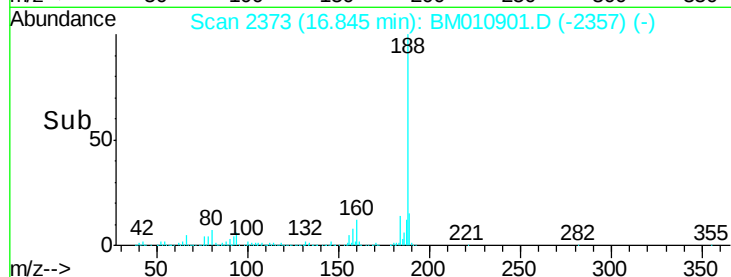
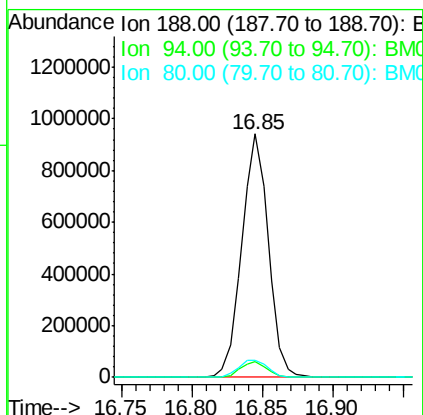
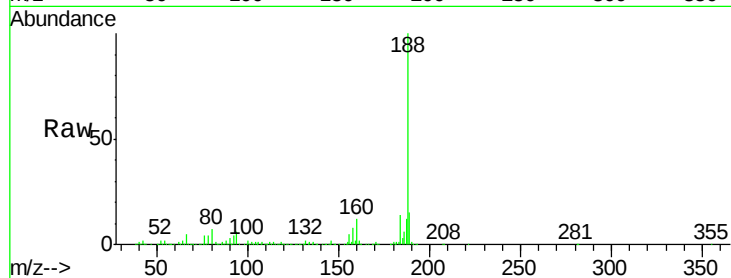




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.85 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BM010901.D
Acq: 19 Jul 2017 19:51

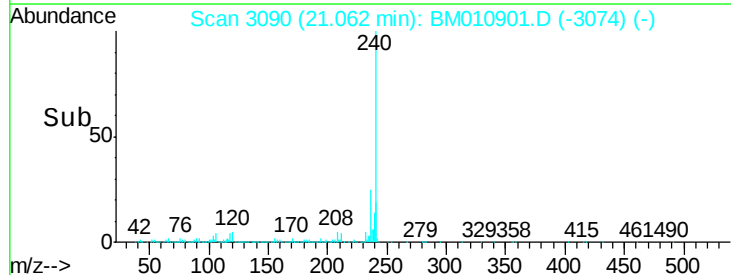
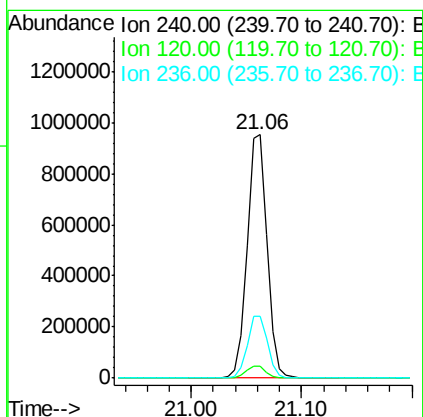
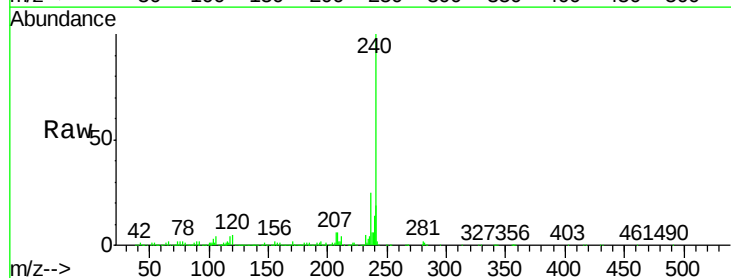
Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 1239233
Ion Ratio Lower Upper
188 100
94 6.5 8.7 13.1#
80 7.3 9.3 13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM010901.D
Acq: 19 Jul 2017 19:51

Tgt Ion:240 Resp: 1210226
Ion Ratio Lower Upper
240 100
120 4.7 8.2 12.2#
236 25.4 20.0 30.0





#78

Terphenyl-d14

Concen: 100.24 ng

RT: 19.50 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM010901.D

Acq: 19 Jul 2017 19:51

Instrument :

BNA_M

ClientSampleId :

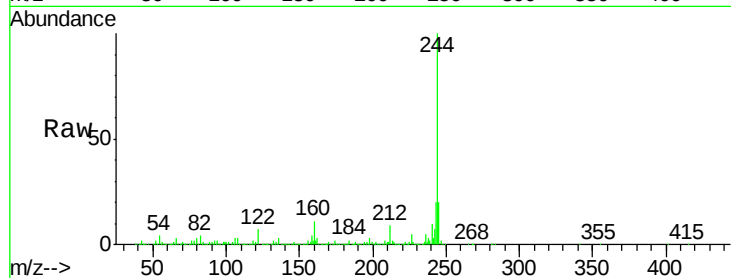
Tot Ion:244 Resp: 6272441

Ion Ratio Lower Upper

244 100

212 8.7 4.9 7.3#

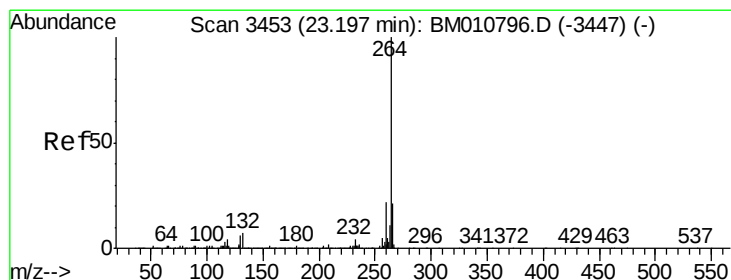
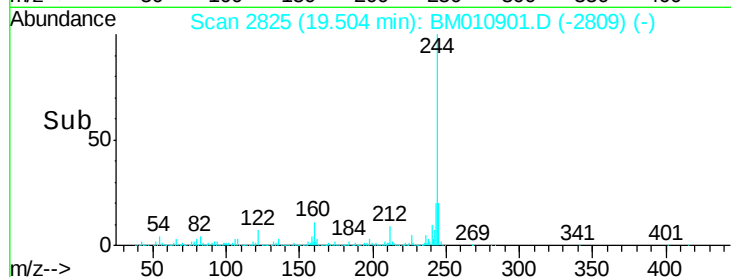
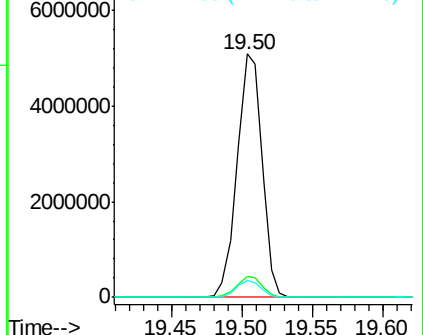
122 7.2 6.2 9.4



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: 20.00 ng

RT: 23.19 min Scan# 3452

Delta R.T. -0.01 min

Lab File: BM010901.D

Acq: 19 Jul 2017 19:51

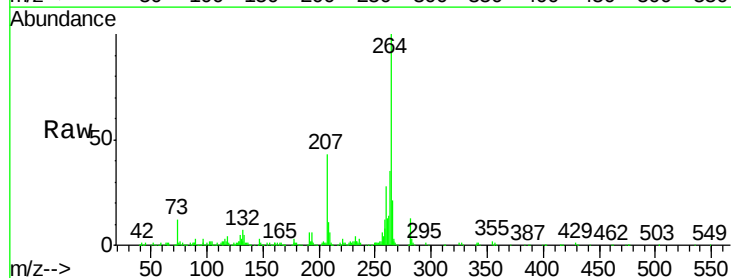
Tgt Ion:264 Resp: 498630

Ion Ratio Lower Upper

264 100

260 28.2 18.6 27.8#

265 21.1 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

