

Data File : BM010957.D
Acq On : 22 Jul 2017 03:59
Operator : SJ/JU
Sample : PB100830TB
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB100830TB

Quant Time: Jul 22 05:03:57 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	240146	20.00	ng	-0.03
21) Naphthalene-d8	10.18	136	877277	20.00	ng	-0.03
38) Acenaphthene-d10	14.07	164	579077	20.00	ng	-0.02
63) Phenanthrene-d10	16.83	188	1410847	20.00	ng	-0.02
75) Chrysene-d12	21.05	240	1129580	20.00	ng	-0.02
86) Perylene-d12	23.17	264	453142	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	2034328	140.32	ng	-0.02
7) Phenol-d6	6.62	99	2686373	134.41	ng	-0.02
23) Nitrobenzene-d5	8.57	82	2116989	92.76	ng	-0.02
41) 2,4,6-Tribromophenol	15.58	330	1307642	147.77	ng	-0.02
44) 2-Fluorobiphenyl	12.69	172	4300086	92.38	ng	-0.02
78) Terphenyl-d14	19.49	244	5834581	99.90	ng	-0.02

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

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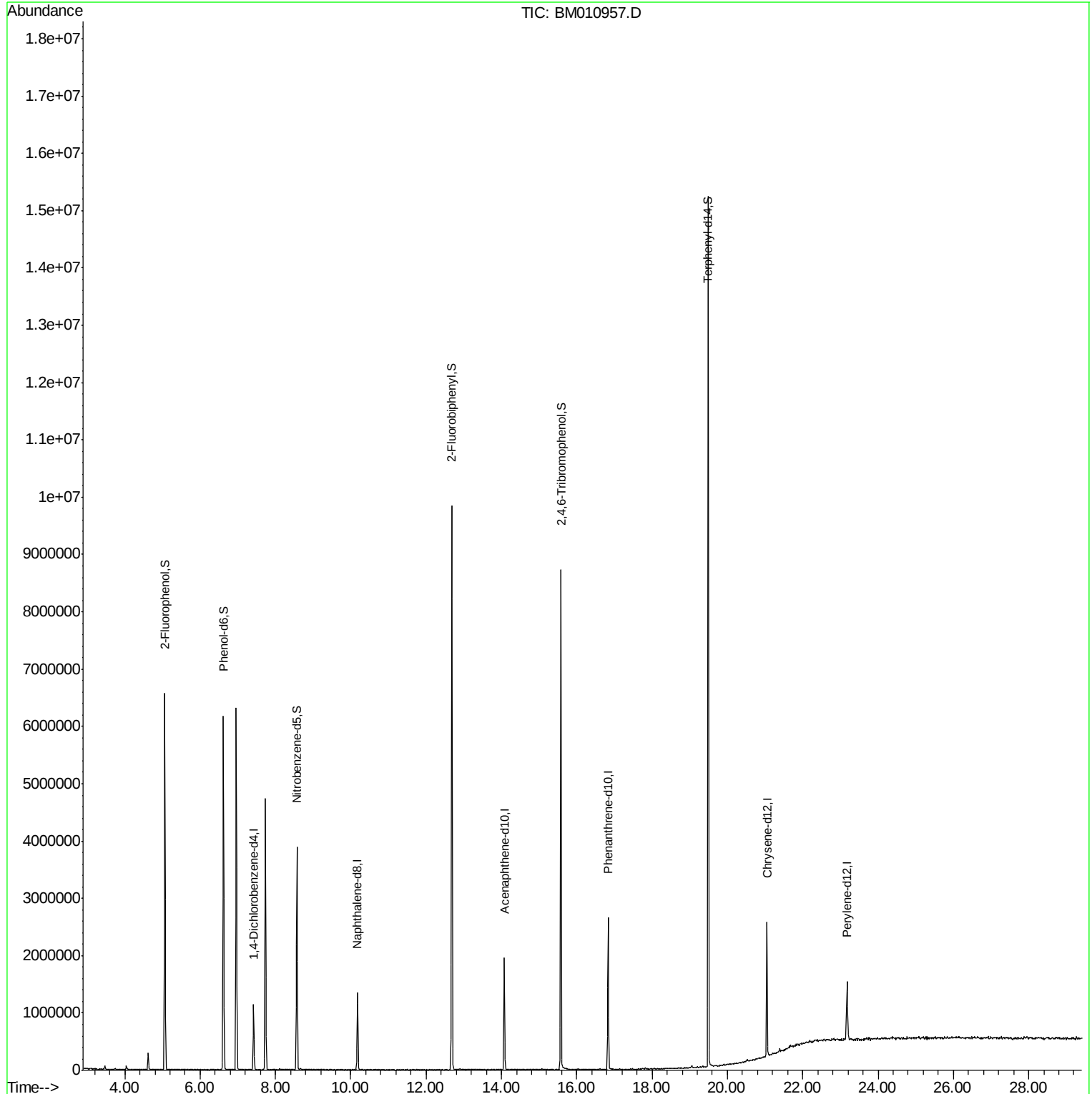
Quant Time: Jul 22 05:03:57 2017

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM071217.M

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QLast Update : Wed Jul 12 14:21:16 2017

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.42 min Scan# 771

Delta R.T. -0.03 min

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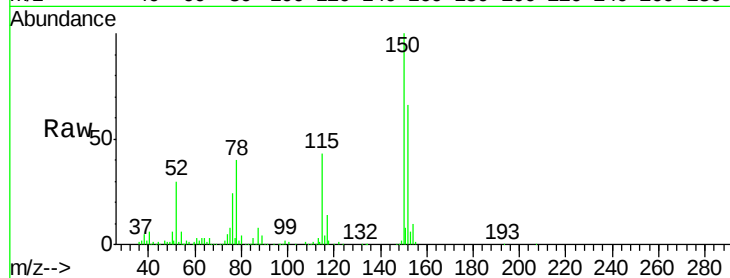
Tgt Ion:152 Resp: 240146

Ion Ratio Lower Upper

152 100

150 152.6 119.5 179.3

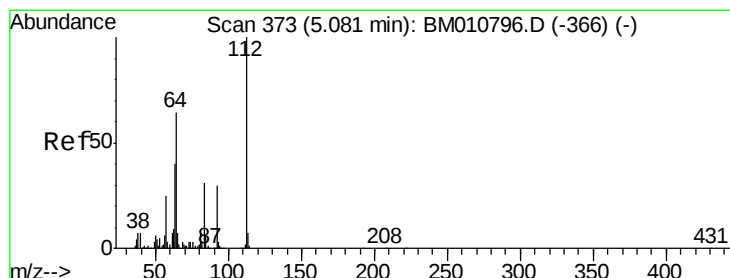
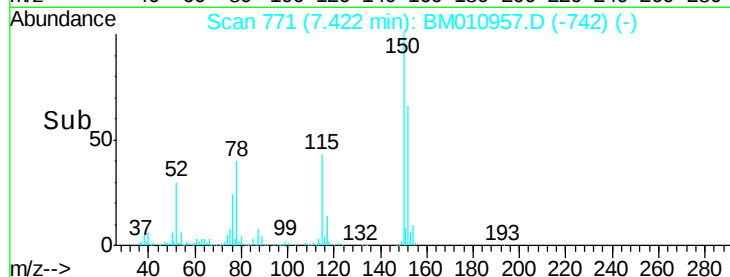
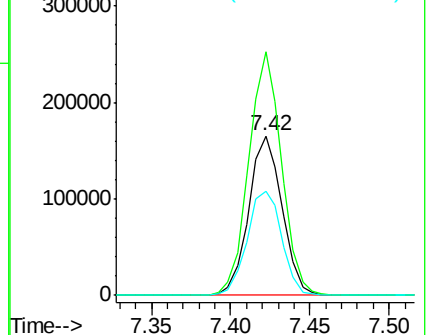
115 65.4 43.0 64.4#



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: 140.32 ng

RT: 5.06 min Scan# 370

Delta R.T. -0.02 min

Lab File: BM010957.D

Acq: 22 Jul 2017 03:59

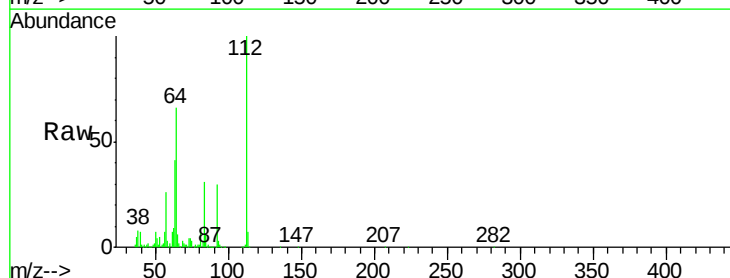
Tgt Ion:112 Resp: 2034328

Ion Ratio Lower Upper

112 100

64 65.7 38.6 57.8#

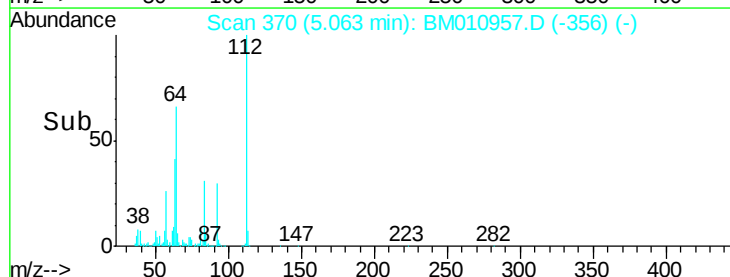
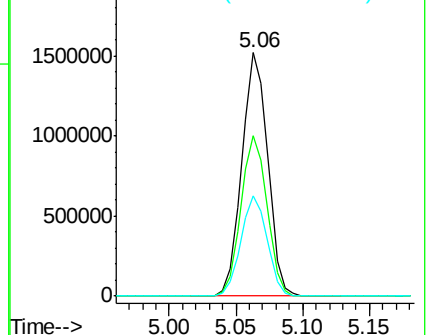
63 41.2 19.3 28.9#

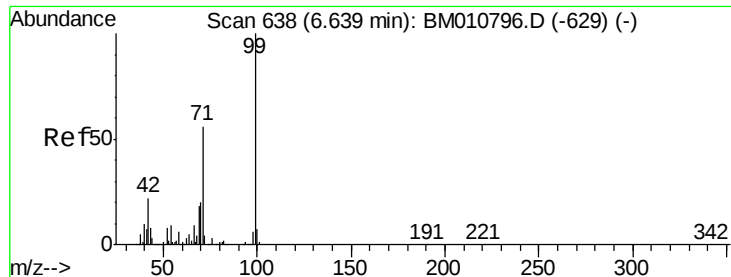


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 134.41 ng

RT: 6.62 min Scan# 635

Delta R.T. -0.02 min

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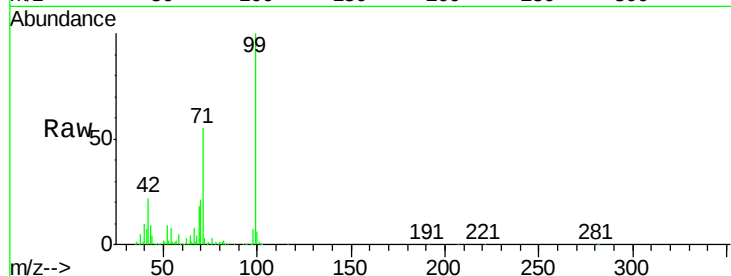
Tgt Ion: 99 Resp: 2686373

Ion Ratio Lower Upper

99 100

42 22.0 11.0 16.4#

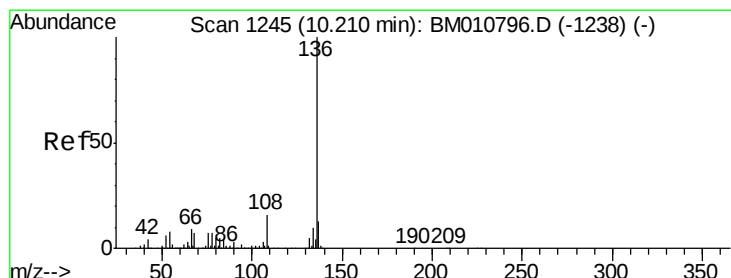
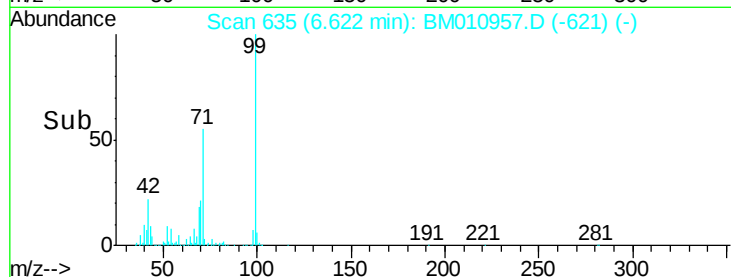
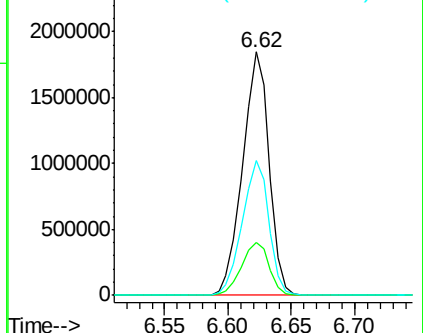
71 55.1 23.4 35.2#



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: 10.18 min Scan# 1240

Delta R.T. -0.03 min

Lab File: BM010957.D

Acq: 22 Jul 2017 03:59

Tgt Ion: 136 Resp: 877277

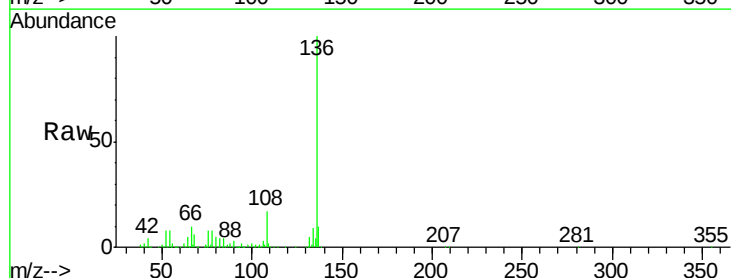
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 7.8 4.6 6.8#

68 6.3 3.7 5.5#

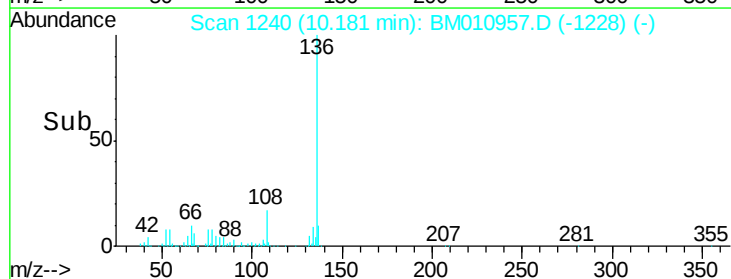
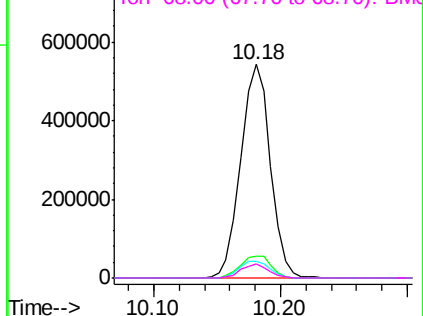


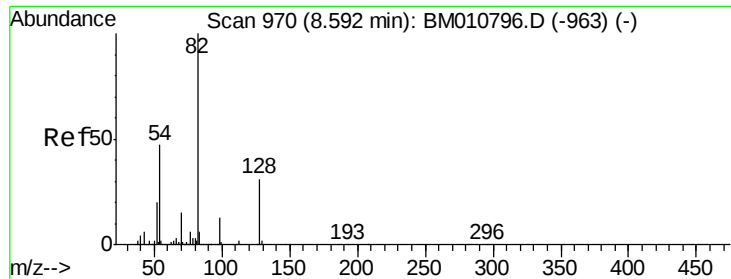
Abundance Ion 136.00 (135.70 to 136.70): BM010796.D (-1238) (-)

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) (-)

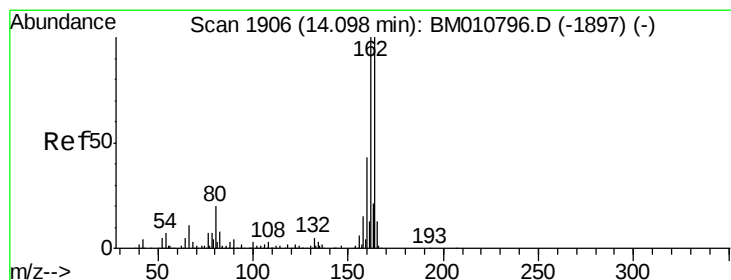
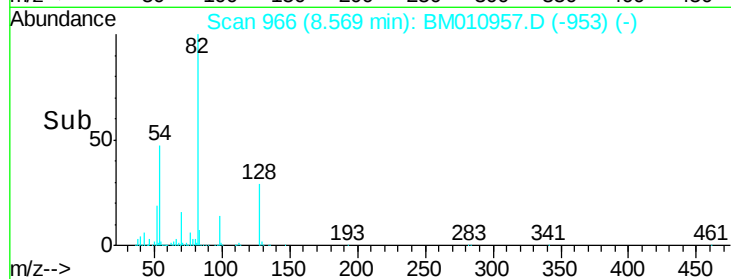
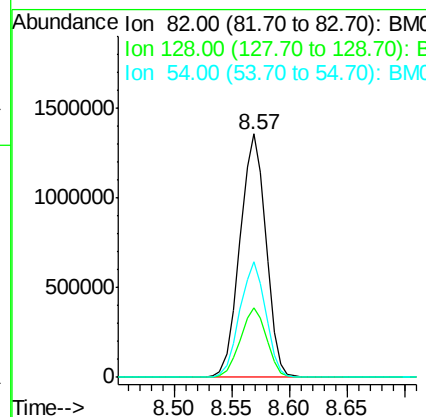
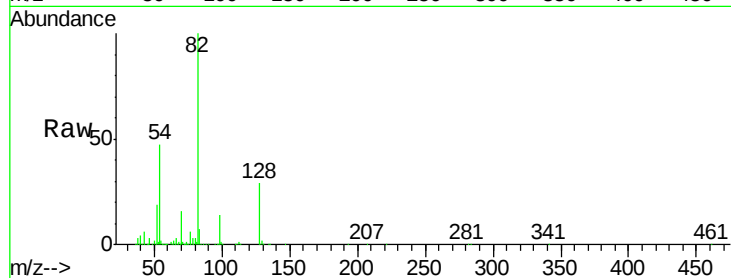




#23
 Nitrobenzene-d5
 Concen: 92.76 ng
 RT: 8.57 min Scan# 966
 Delta R.T. -0.02 min
 Lab File: BM010957.D
 Acq: 22 Jul 2017 03:59

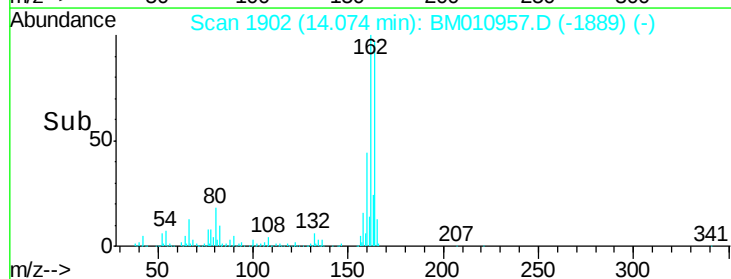
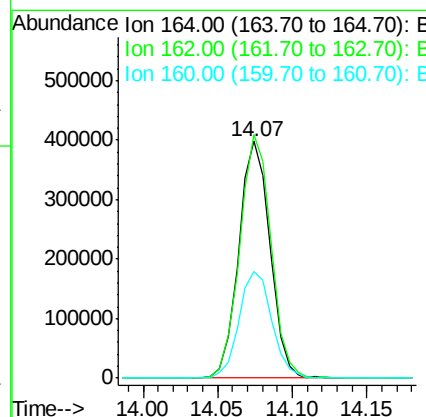
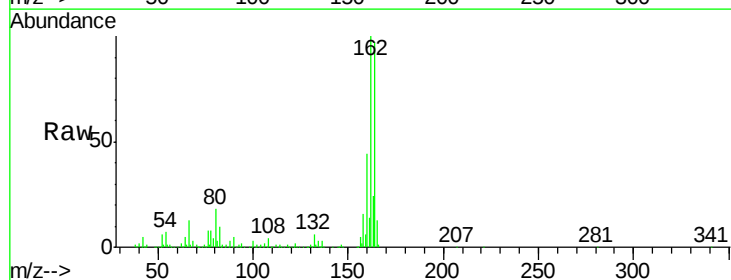
Instrument :
 BNA_M
 ClientSampleId :
 PB100830TB

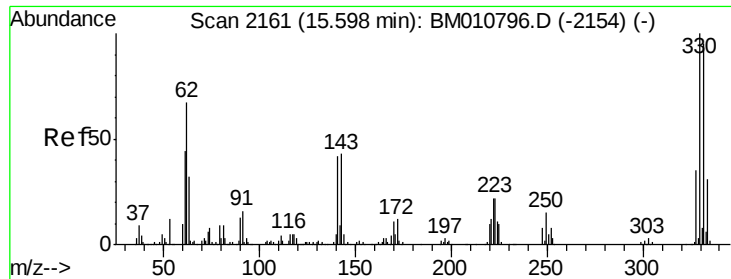
Tgt Ion: 82 Resp: 2116989
 Ion Ratio Lower Upper
 82 100
 128 28.6 32.8 49.2#
 54 47.3 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.07 min Scan# 1902
 Delta R.T. -0.02 min
 Lab File: BM010957.D
 Acq: 22 Jul 2017 03:59

Tgt Ion: 164 Resp: 579077
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.4 123.6
 160 44.8 35.8 53.6





#41

2,4,6-Tribromophenol

Concen: 147.77 ng

RT: 15.58 min Scan# 2158

Delta R.T. -0.02 min

Lab File: BM010957.D

Acq: 22 Jul 2017 03:59

Instrument :

BNA_M

ClientSampleId :

PB100830TB

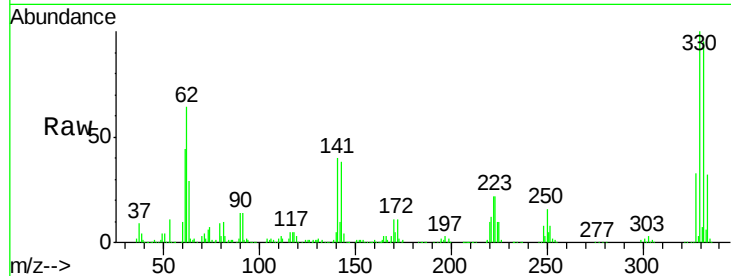
Tgt Ion:330 Resp: 1307642

Ion Ratio Lower Upper

330 100

332 96.0 0.0 0.0#

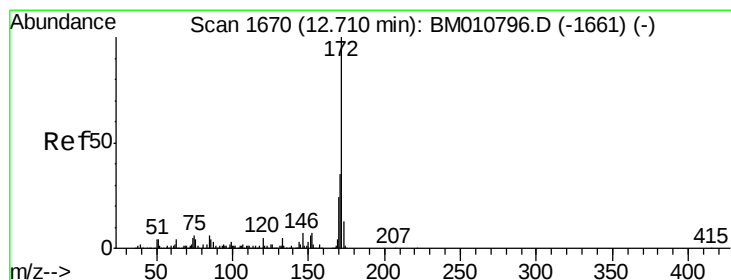
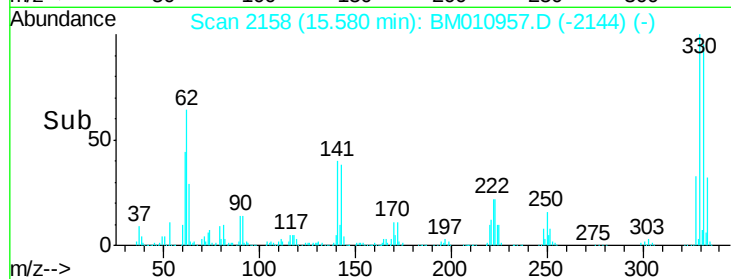
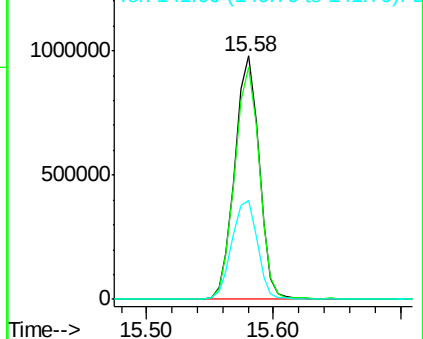
141 42.5 0.0 0.0#



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: 92.38 ng

RT: 12.69 min Scan# 1666

Delta R.T. -0.02 min

Lab File: BM010957.D

Acq: 22 Jul 2017 03:59

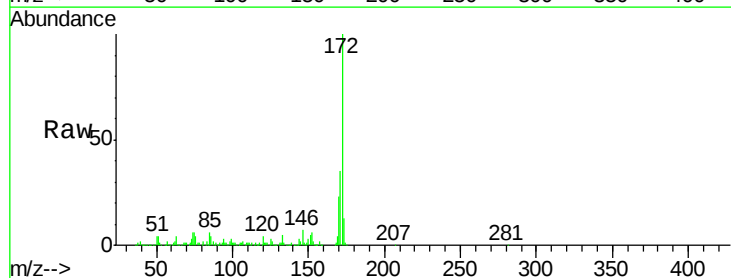
Tgt Ion:172 Resp: 4300086

Ion Ratio Lower Upper

172 100

171 34.8 28.5 42.7

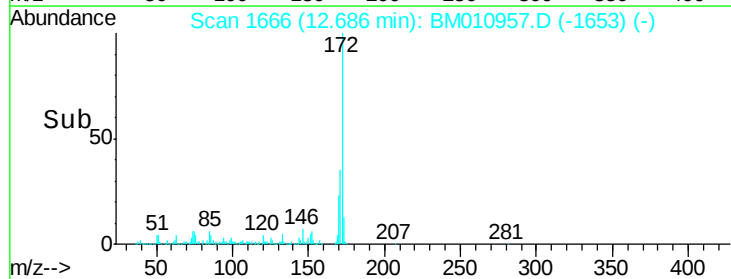
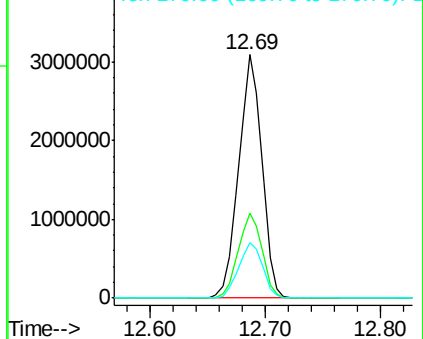
170 22.7 18.8 28.2

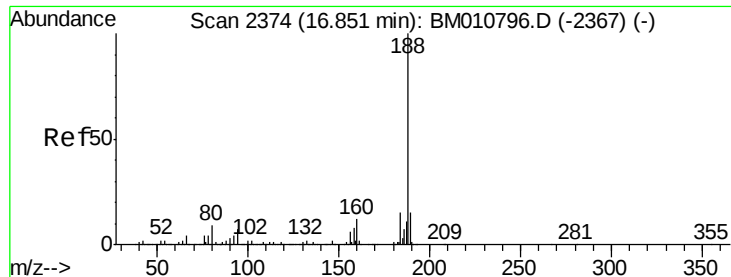


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

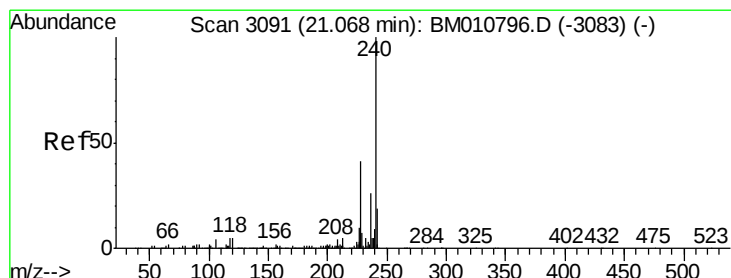
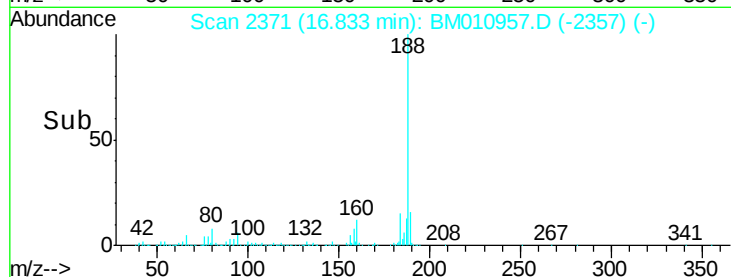
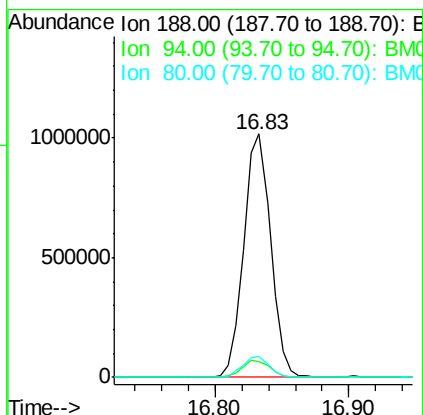
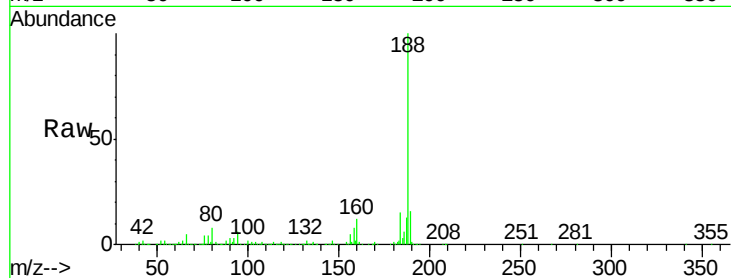




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.83 min Scan# 2371
Delta R.T. -0.02 min
Lab File: BM010957.D
Acq: 22 Jul 2017 03:59

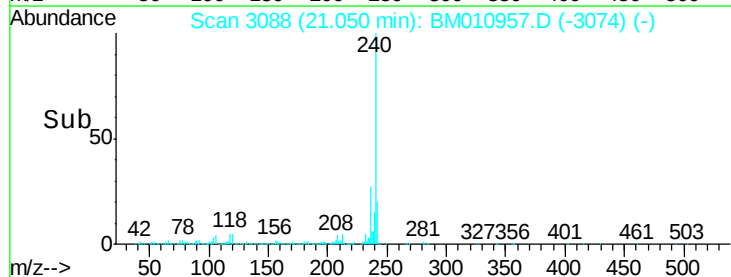
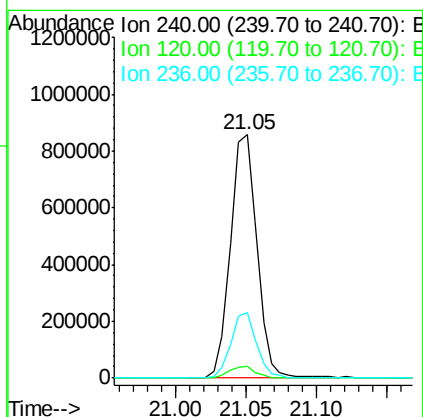
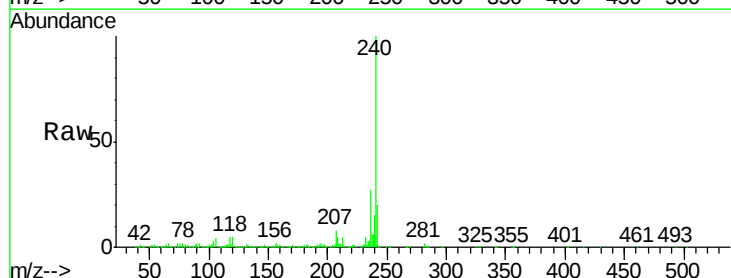
Instrument :
BNA_M
ClientSampleId :
PB100830TB

Tgt Ion:188 Resp: 1410847
Ion Ratio Lower Upper
188 100
94 6.3 8.7 13.1#
80 8.4 9.3 13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.05 min Scan# 3088
Delta R.T. -0.02 min
Lab File: BM010957.D
Acq: 22 Jul 2017 03:59

Tgt Ion:240 Resp: 1129580
Ion Ratio Lower Upper
240 100
120 5.1 8.2 12.2#
236 26.8 20.0 30.0

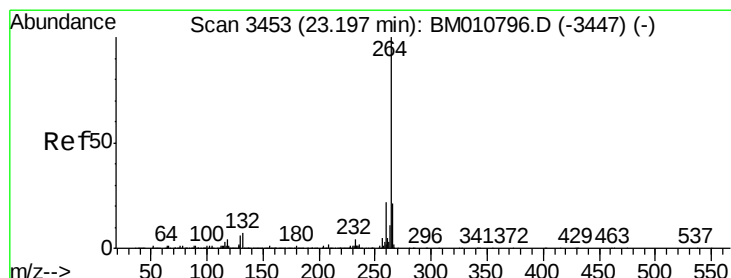
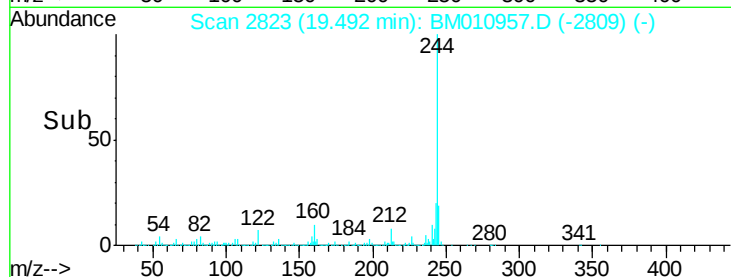
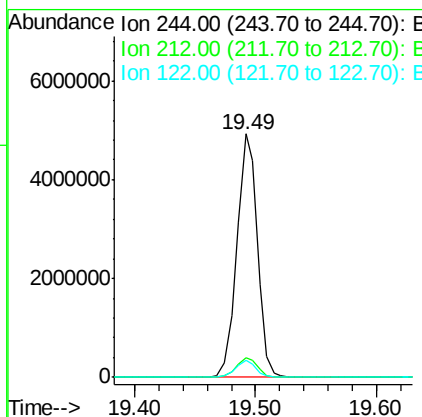
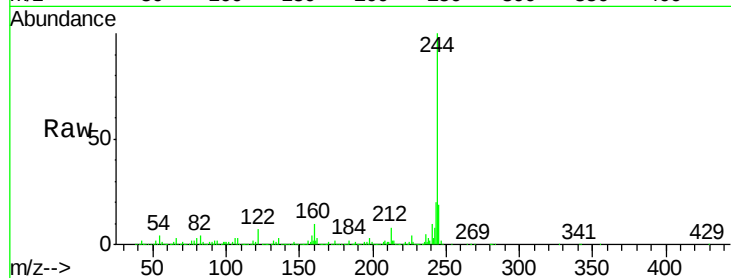




#78
 Terphenyl-d14
 Concen: 99.90 ng
 RT: 19.49 min Scan# 2823
 Delta R.T. -0.02 min
 Lab File: BM010957.D
 Acq: 22 Jul 2017 03:59

Instrument :
 BNA_M
 ClientSampleId :
 PB100830TB

Tgt Ion:244 Resp: 5834581
 Ion Ratio Lower Upper
 244 100
 212 8.3 4.9 7.3#
 122 6.9 6.2 9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.17 min Scan# 3449
 Delta R.T. -0.02 min
 Lab File: BM010957.D
 Acq: 22 Jul 2017 03:59

Tgt Ion:264 Resp: 453142
 Ion Ratio Lower Upper
 264 100
 260 34.3 18.6 27.8#
 265 21.1 17.3 25.9

