

Data File : BM010921.D
Acq On : 20 Jul 2017 22:41
Operator : SJ/JU
Sample : I4276-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-2-COMP-(0-8)

Quant Time: Jul 21 03:05:45 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	7.43	152	157140	20.00	ng	-0.02
21) Naphthalene-d8	10.19	136	559337	20.00	ng	-0.02
38) Acenaphthene-d10	14.09	164	344823	20.00	ng	-0.01
63) Phenanthrene-d10	16.84	188	773142	20.00	ng	-0.01
75) Chrysene-d12	21.06	240	773319	20.00	ng	-0.01
86) Perylene-d12	23.19	264	771273	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1252283	132.01	ng	0.00
7) Phenol-d6	6.63	99	1486409	113.66	ng	0.00
23) Nitrobenzene-d5	8.58	82	1443811	99.22	ng	-0.01
41) 2,4,6-Tribromophenol	15.59	330	697715	132.41	ng	-0.01
44) 2-Fluorobiphenyl	12.70	172	2765989	99.79	ng	-0.01
78) Terphenyl-d14	19.50	244	3515481	87.92	ng	0.00
Target Compounds						
31) Naphthalene	10.25	128	82264	2.89	ng	Qvalue # 94

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

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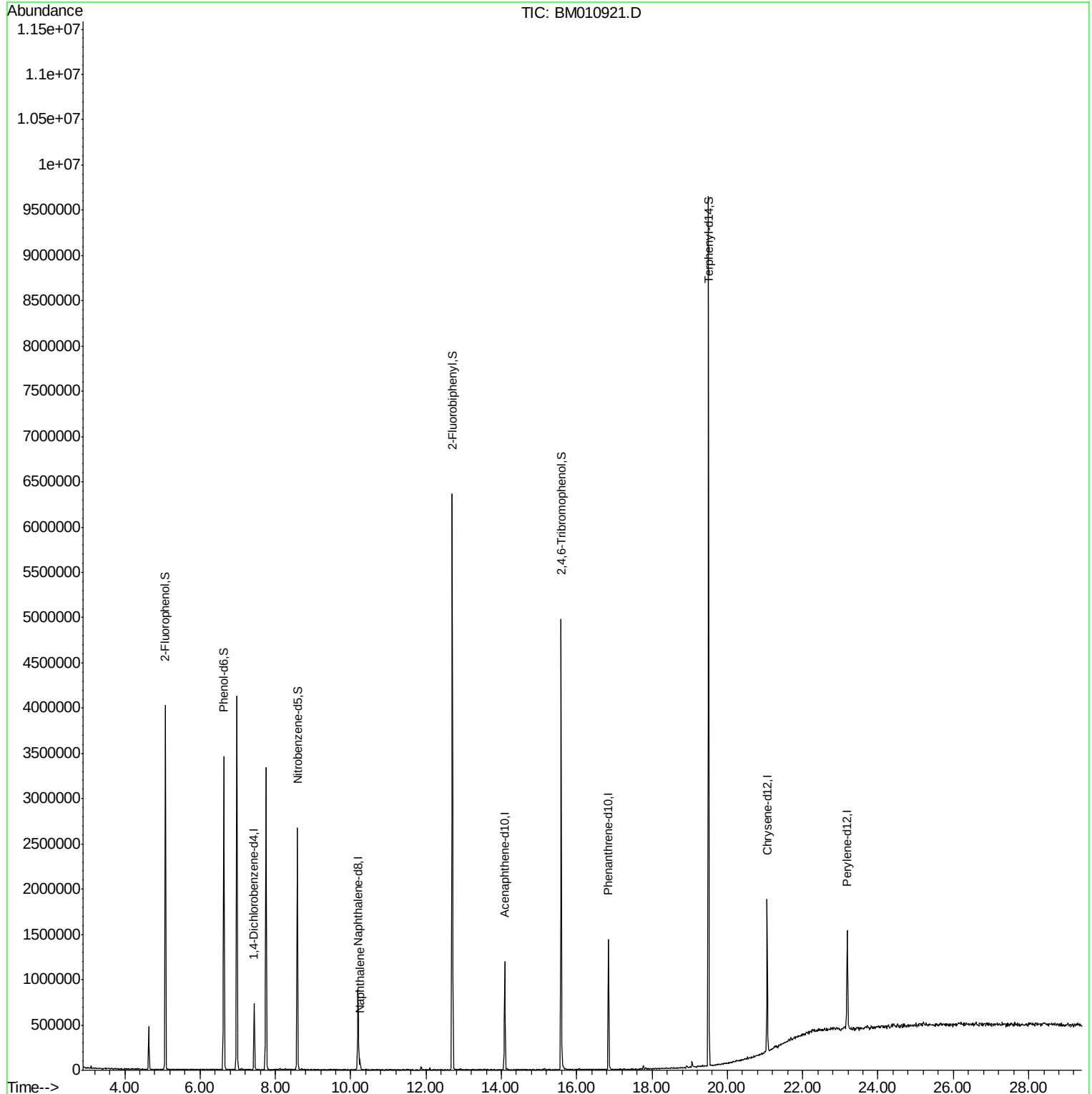
Quant Time: Jul 21 03:05:45 2017

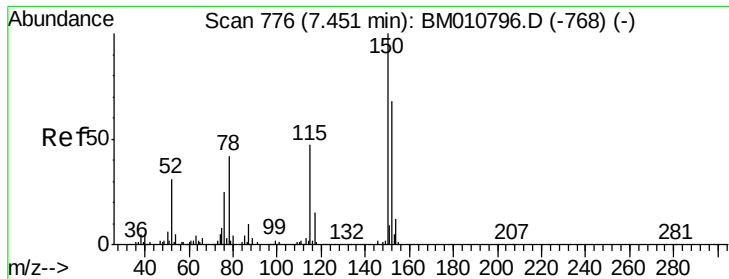
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM071217.M

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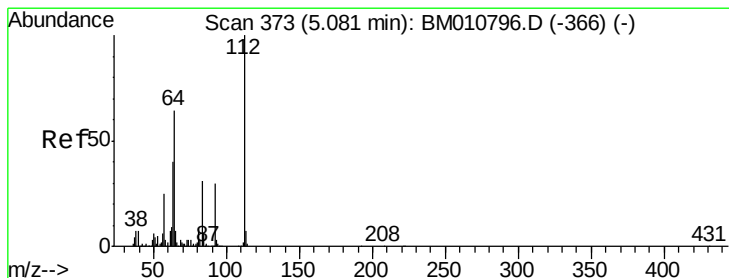
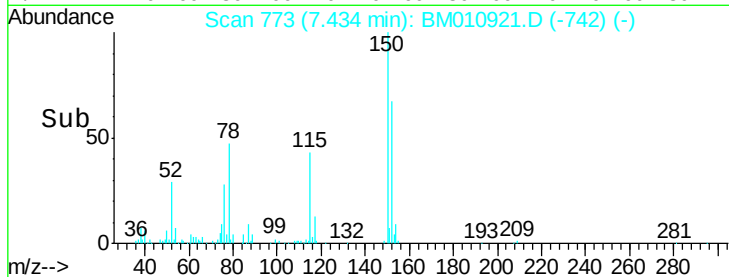
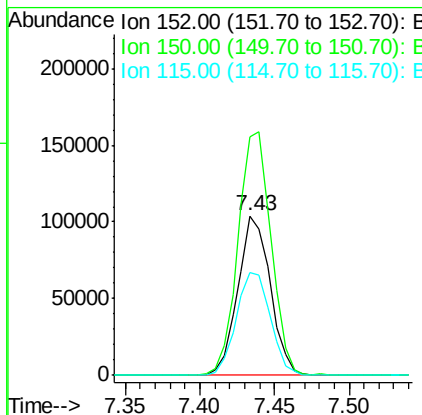
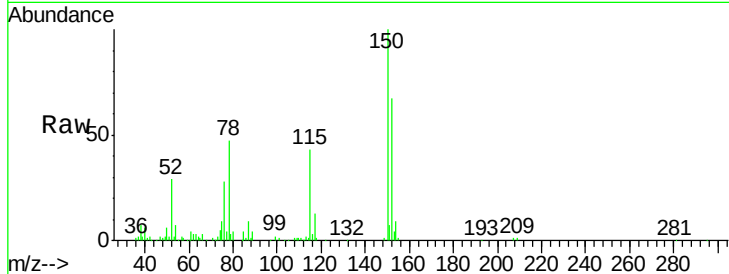


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.43 min Scan# 773
 Delta R.T. -0.02 min
 Lab File: BM010921.D
 Acq: 20 Jul 2017 22:41

Instrument :
 BNA_M
 ClientSampleId :
 TP-2-COMP-(0-8)

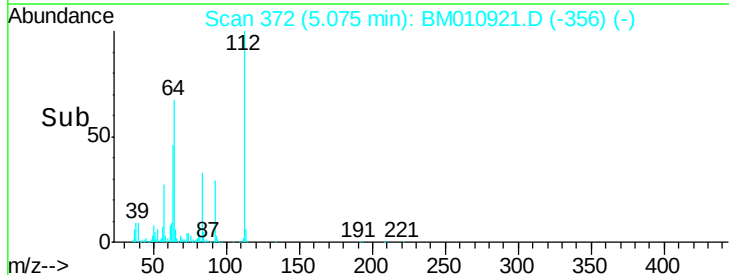
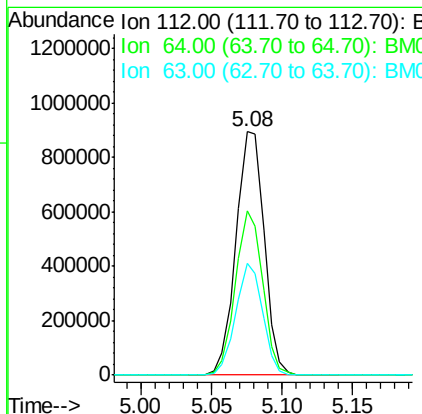
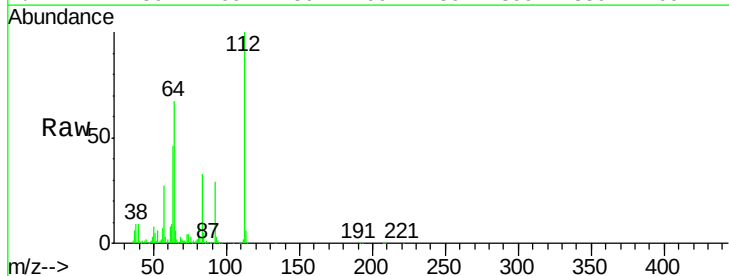
Tgt Ion:152 Resp: 157140
 Ion Ratio Lower Upper
 152 100
 150 149.5 119.5 179.3
 115 64.8 43.0 64.4#

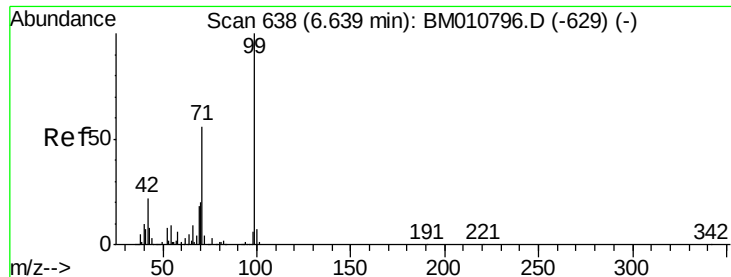


#5

2-Fluorophenol
 Concen: 132.01 ng
 RT: 5.08 min Scan# 372
 Delta R.T. -0.00 min
 Lab File: BM010921.D
 Acq: 20 Jul 2017 22:41

Tgt Ion:112 Resp: 1252283
 Ion Ratio Lower Upper
 112 100
 64 67.3 38.6 57.8#
 63 45.9 19.3 28.9#





#7

Phenol-d6

Concen: 113.66 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM010921.D

Acq: 20 Jul 2017 22:41

Instrument :

BNA_M

ClientSampleId :

TP-2-COMP-(0-8)

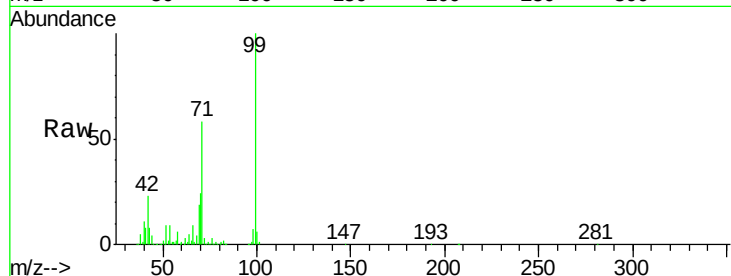
Tgt Ion: 99 Resp: 1486409

Ion Ratio Lower Upper

99 100

42 23.3 11.0 16.4#

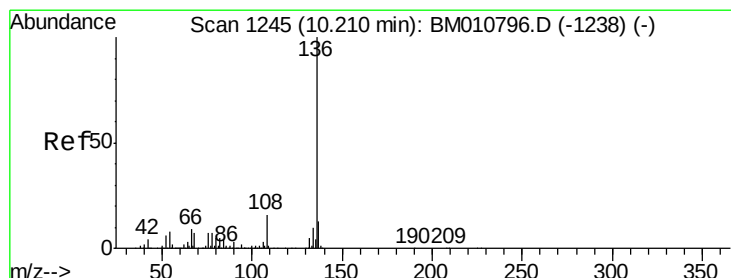
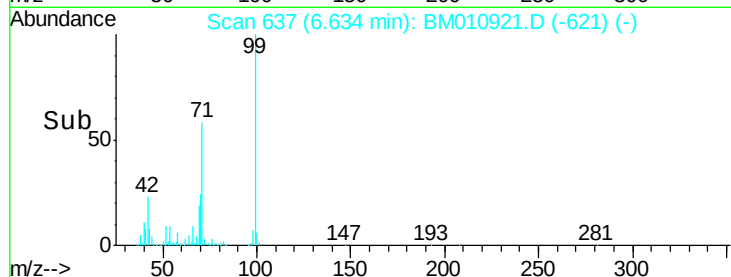
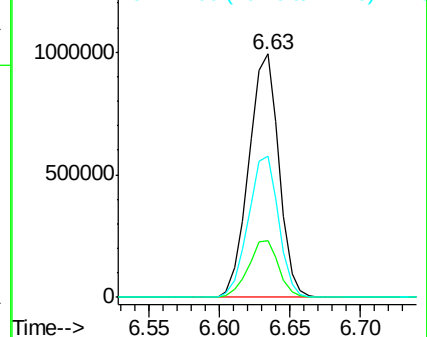
71 58.0 23.4 35.2#



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: 10.19 min Scan# 1242

Delta R.T. -0.02 min

Lab File: BM010921.D

Acq: 20 Jul 2017 22:41

Tgt Ion: 136 Resp: 559337

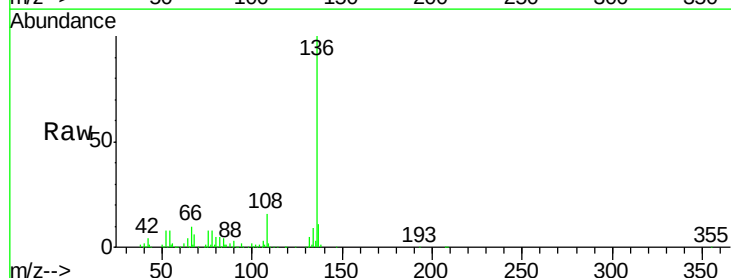
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 8.4 4.6 6.8#

68 5.6 3.7 5.5#

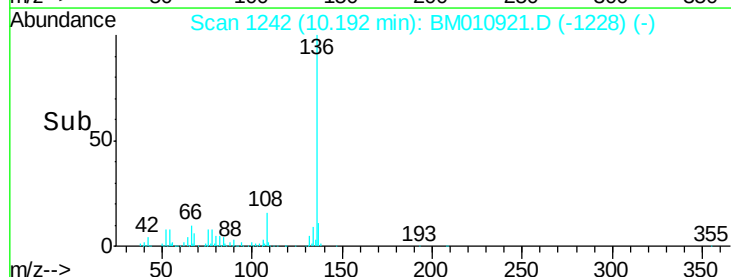
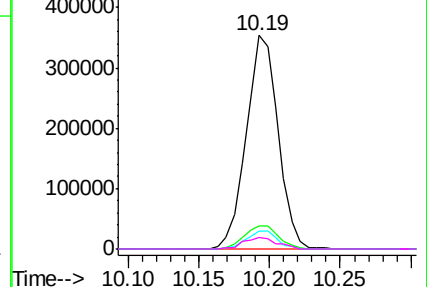


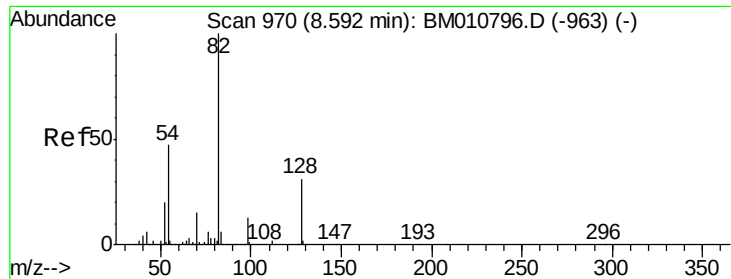
Abundance Ion 136.00 (135.70 to 136.70): BM010796.D (-1238) (-)

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) (-)

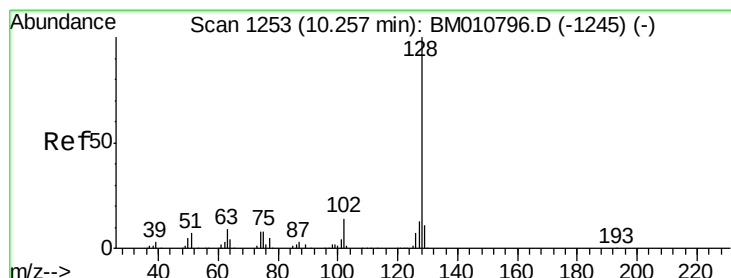
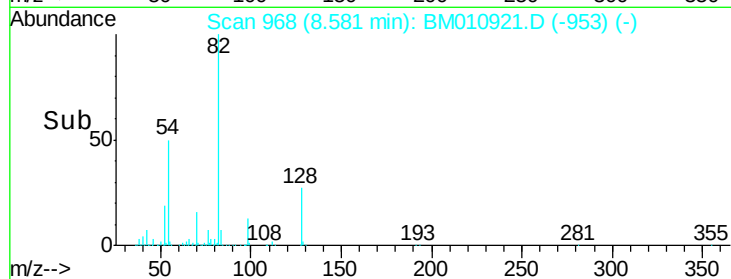
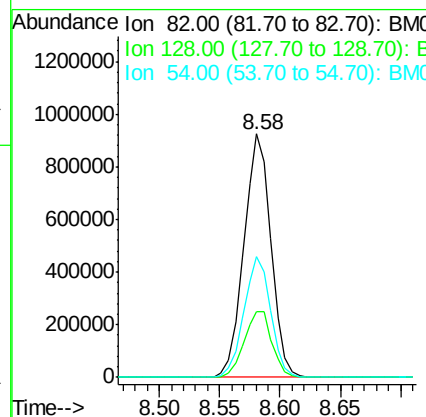
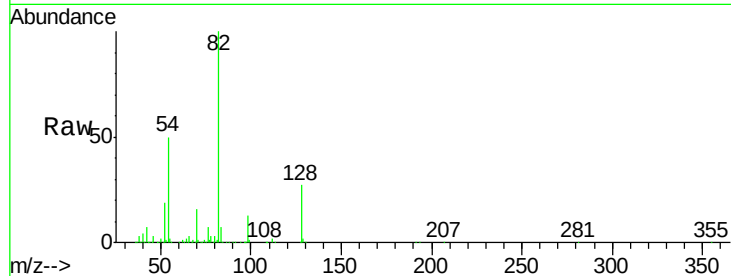




#23
 Nitrobenzene-d5
 Concen: 99.22 ng
 RT: 8.58 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BM010921.D
 Acq: 20 Jul 2017 22:41

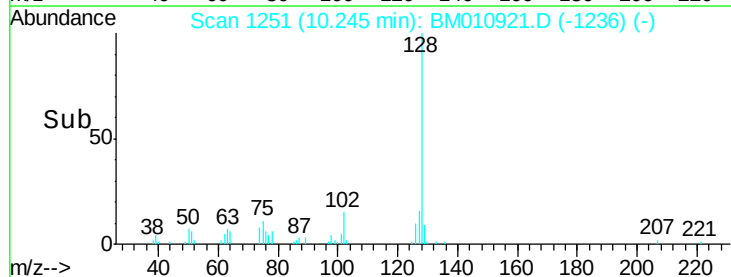
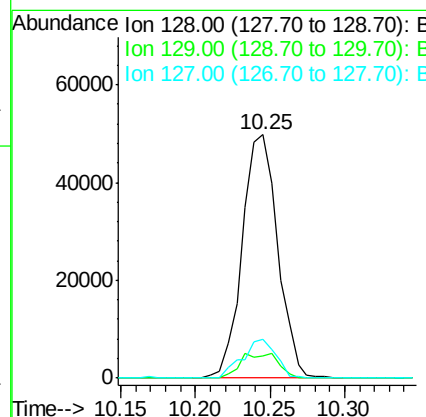
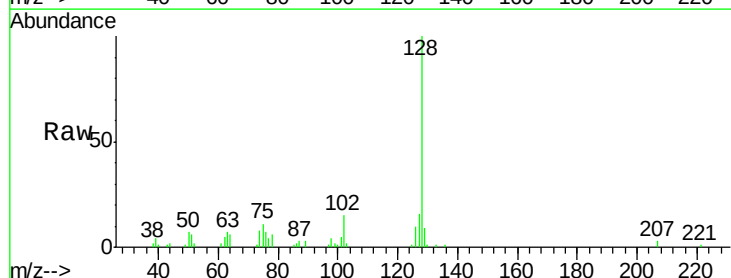
Instrument :
 BNA_M
 ClientSampleId :
 TP-2-COMP-(0-8)

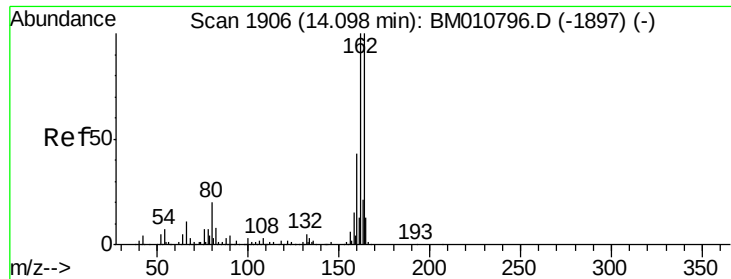
Tgt Ion: 82 Resp: 1443811
 Ion Ratio Lower Upper
 82 100
 128 27.0 32.8 49.2#
 54 49.5 40.6 60.8



#31
 Naphthalene
 Concen: 2.89 ng
 RT: 10.25 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BM010921.D
 Acq: 20 Jul 2017 22:41

Tgt Ion: 128 Resp: 82264
 Ion Ratio Lower Upper
 128 100
 129 9.1 8.9 13.3
 127 15.7 10.4 15.6#

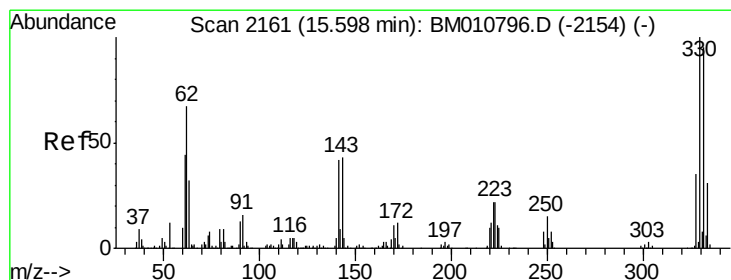
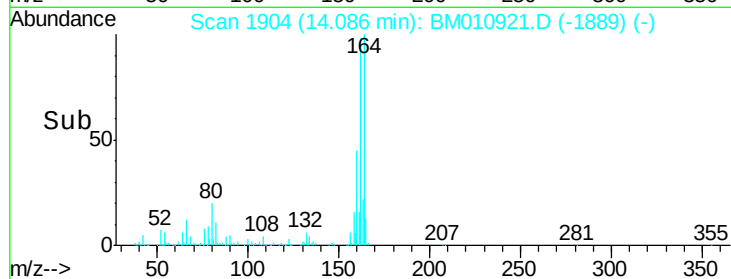
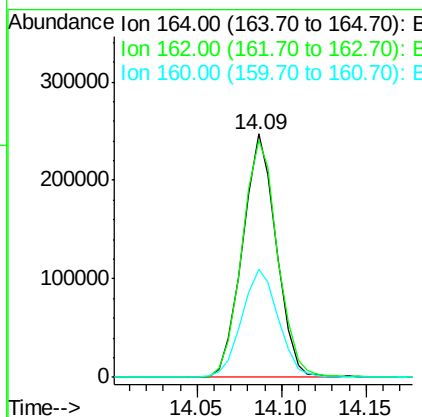
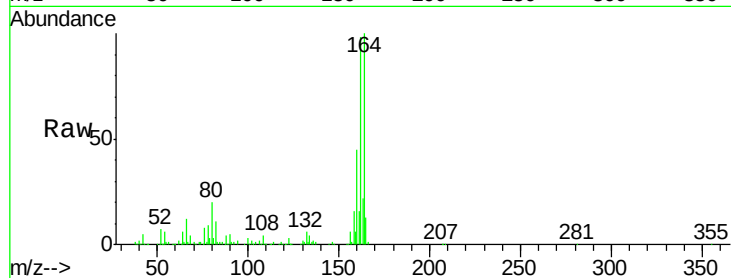




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.09 min Scan# 1904
Delta R.T. -0.01 min
Lab File: BM010921.D
Acq: 20 Jul 2017 22:41

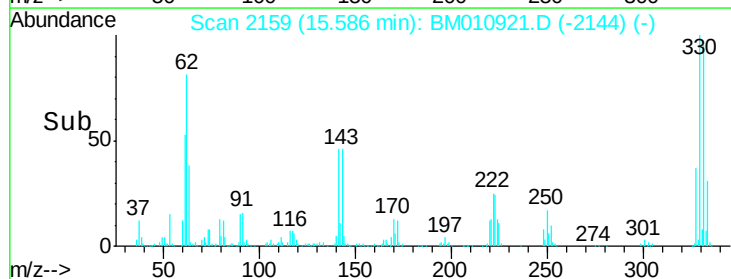
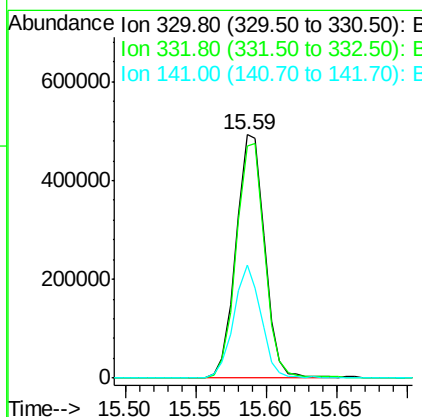
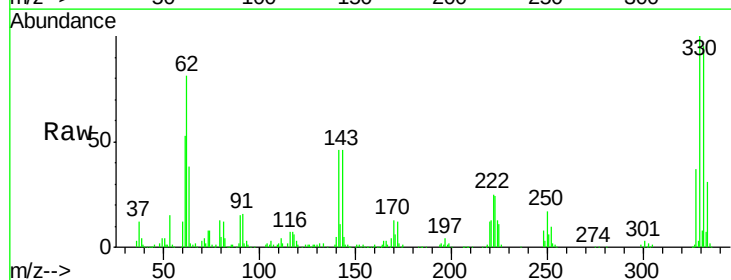
Instrument :
BNA_M
ClientSampleId :
TP-2-COMP-(0-8)

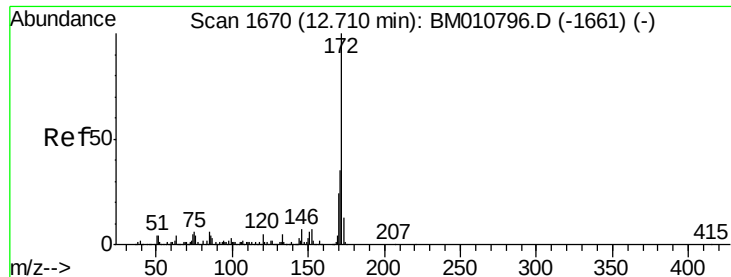
Tgt Ion:164 Resp: 344823
Ion Ratio Lower Upper
164 100
162 97.5 82.4 123.6
160 44.5 35.8 53.6



#41
2,4,6-Tribromophenol
Concen: 132.41 ng
RT: 15.59 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BM010921.D
Acq: 20 Jul 2017 22:41

Tgt Ion:330 Resp: 697715
Ion Ratio Lower Upper
330 100
332 96.1 0.0 0.0#
141 44.4 0.0 0.0#

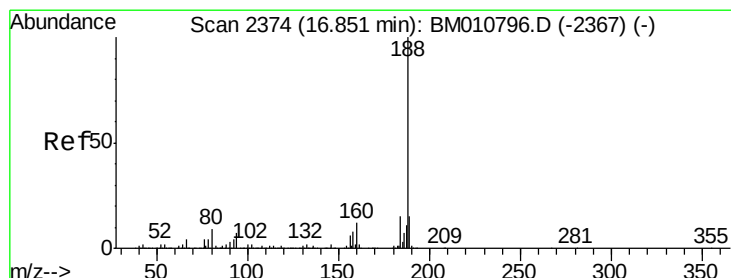
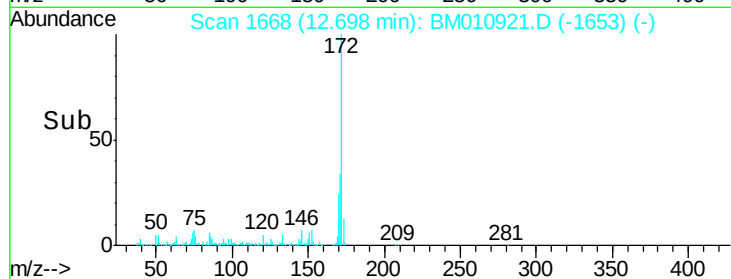
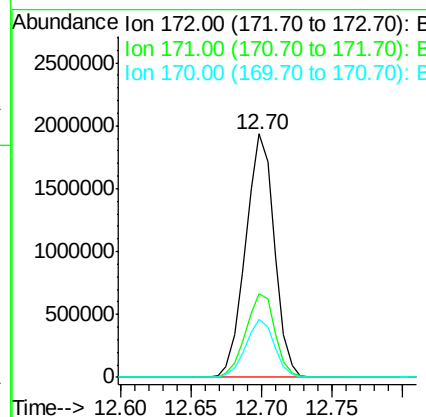
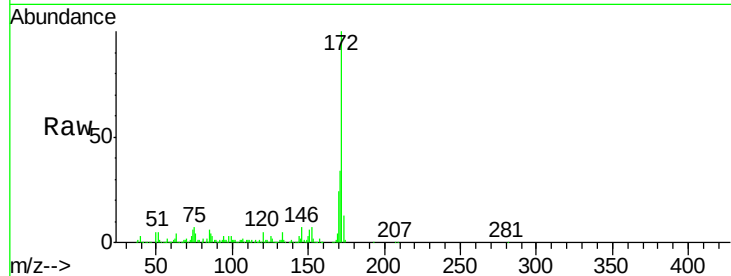




#44
 2-Fluorobiphenyl
 Concen: 99.79 ng
 RT: 12.70 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM010921.D
 Acq: 20 Jul 2017 22:41

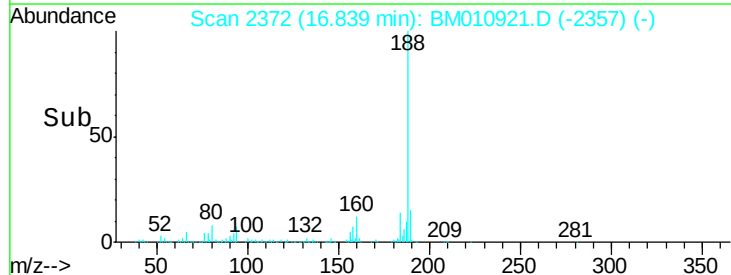
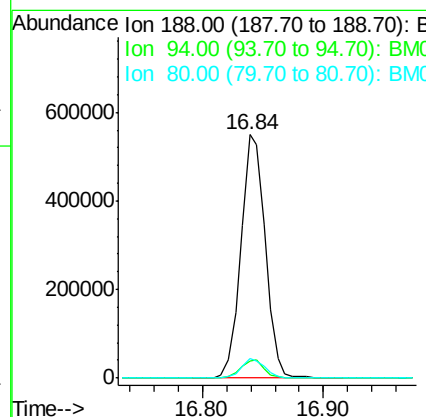
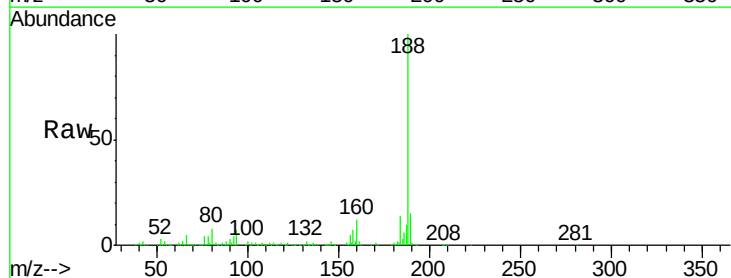
Instrument :
 BNA_M
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 TP-2-COMP-(0-8)

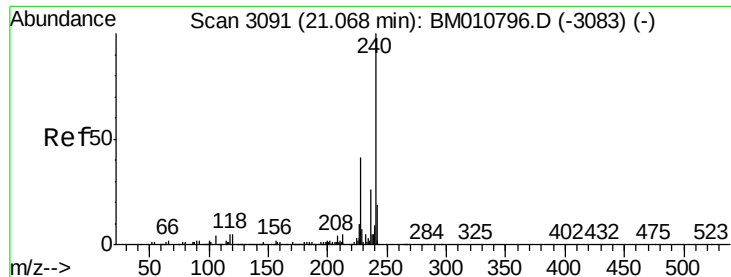
Tgt Ion:172 Resp: 2765989
 Ion Ratio Lower Upper
 172 100
 171 34.3 28.5 42.7
 170 23.7 18.8 28.2



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 16.84 min Scan# 2372
 Delta R.T. -0.01 min
 Lab File: BM010921.D
 Acq: 20 Jul 2017 22:41

Tgt Ion:188 Resp: 773142
 Ion Ratio Lower Upper
 188 100
 94 7.0 8.7 13.1#
 80 8.0 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: BM010921.D

Acq: 20 Jul 2017 22:41

Instrument :

BNA_M

ClientSampleId :

TP-2-COMP-(0-8)

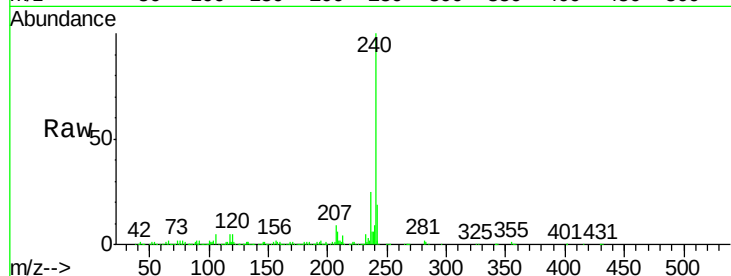
Tgt Ion:240 Resp: 773319

Ion Ratio Lower Upper

240 100

120 4.7 8.2 12.2#

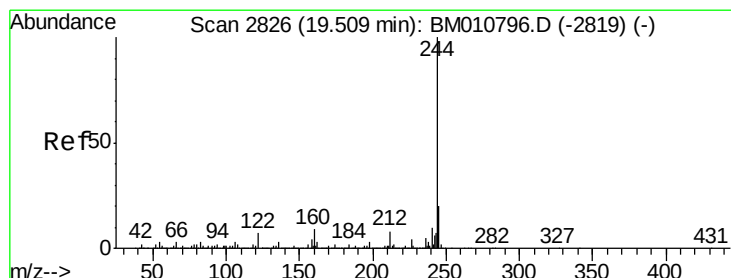
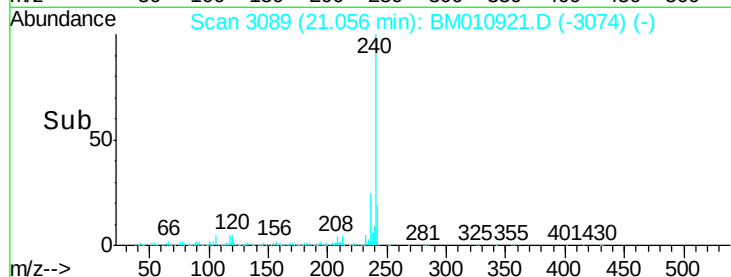
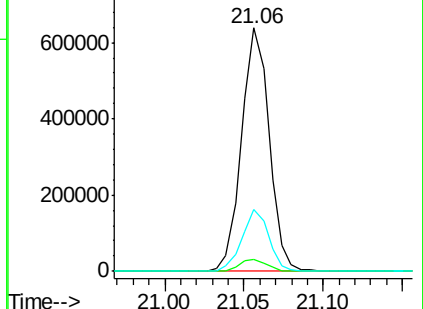
236 25.3 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 87.92 ng

RT: 19.50 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM010921.D

Acq: 20 Jul 2017 22:41

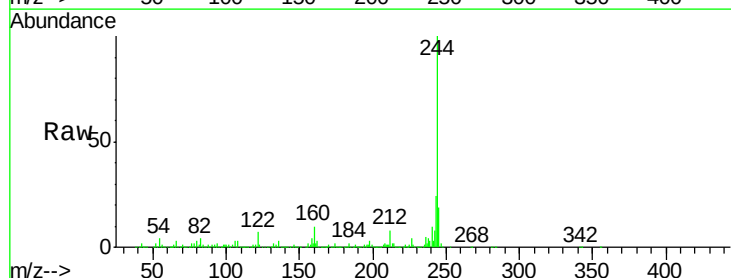
Tgt Ion:244 Resp: 3515481

Ion Ratio Lower Upper

244 100

212 8.3 4.9 7.3#

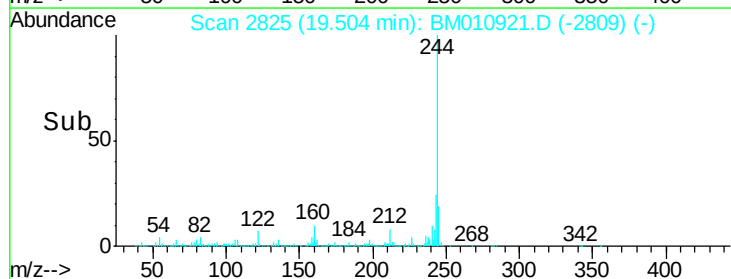
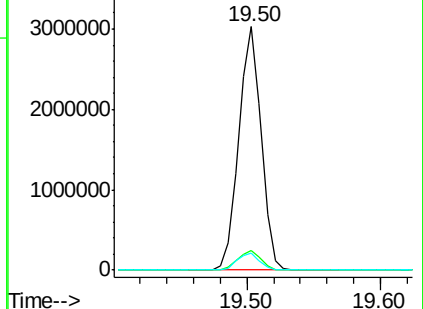
122 6.8 6.2 9.4

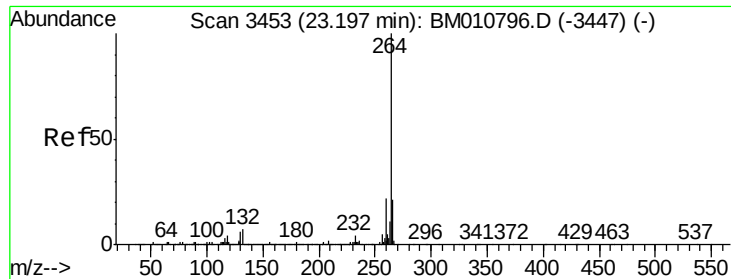


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3451
Delta R.T. -0.01 min
Lab File: BM010921.D
Acq: 20 Jul 2017 22:41

Instrument :
BNA_M
ClientSampleId :
TP-2-COMP-(0-8)

Tgt Ion:	264	Resp:	771273
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	22.6	17.3	25.9

