

Data File : BM010926.D
Acq On : 21 Jul 2017 01:41
Operator : SJ/JU
Sample : I4274-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
M-COMB-05

Quant Time: Jul 21 03:07:03 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	274525	20.00	ng	-0.02
21) Naphthalene-d8	10.19	136	1074817	20.00	ng	-0.02
38) Acenaphthene-d10	14.09	164	654659	20.00	ng	-0.01
63) Phenanthrene-d10	16.84	188	1418014	20.00	ng	-0.01
75) Chrysene-d12	21.06	240	1206345	20.00	ng	-0.01
86) Perylene-d12	23.19	264	1100738	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1254424	75.69	ng	0.00
7) Phenol-d6	6.63	99	1613215	70.61	ng	-0.01
23) Nitrobenzene-d5	8.58	82	2401279	85.87	ng	-0.01
41) 2,4,6-Tribromophenol	15.59	330	719220	71.89	ng	-0.01
44) 2-Fluorobiphenyl	12.70	172	4745412	90.18	ng	-0.01
78) Terphenyl-d14	19.50	244	5552421	89.02	ng	0.00
Target Compounds						
76) Benzidine	19.12	184	1830063	56.69	ng	Qvalue 99

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

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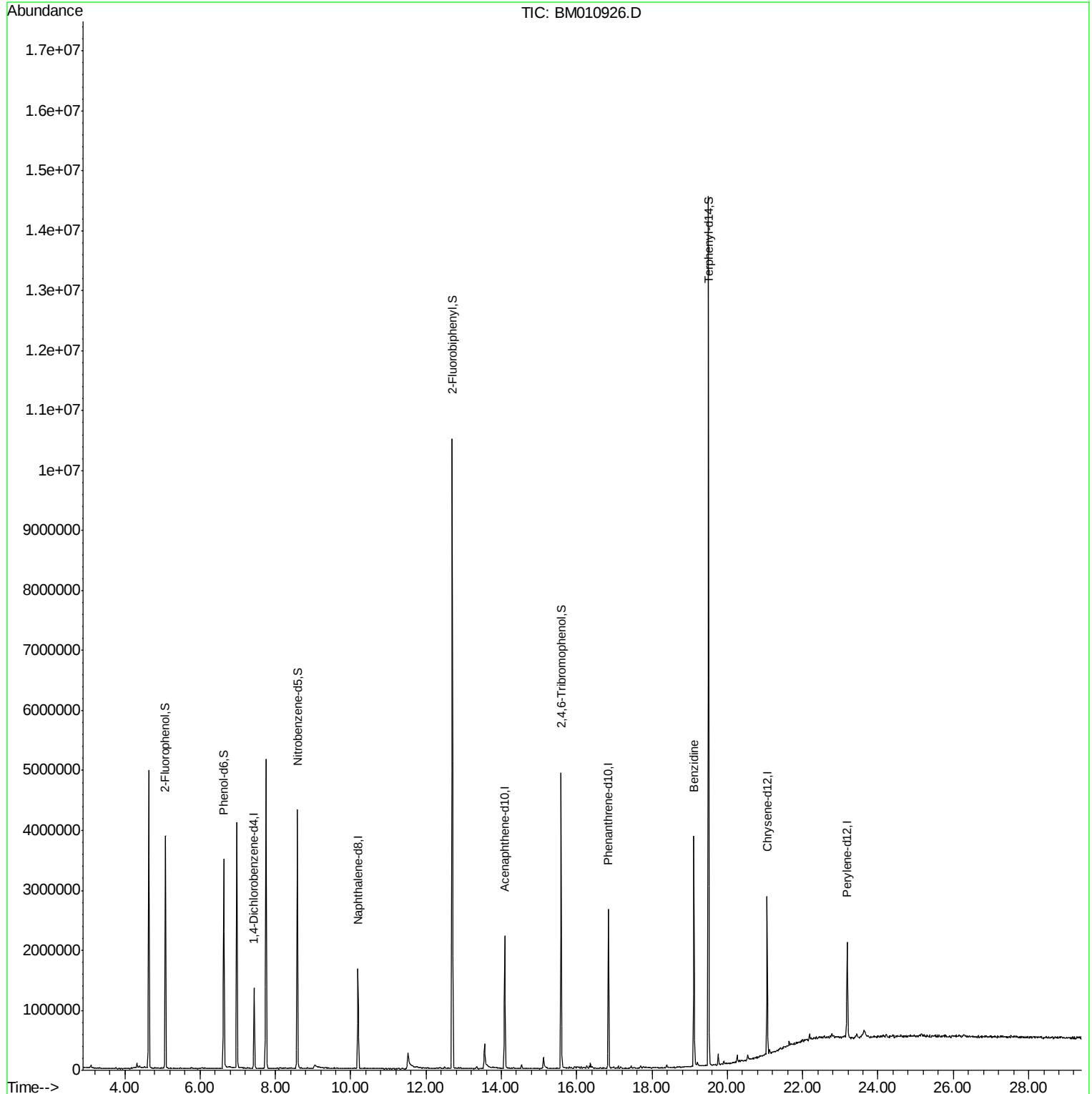
Quant Time: Jul 21 03:07:03 2017

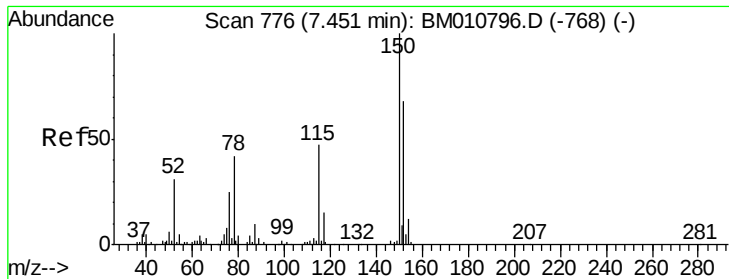
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM071217.M

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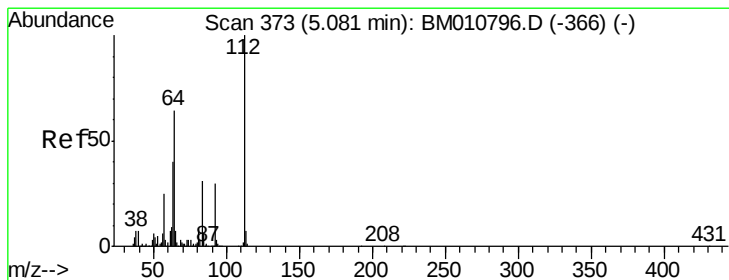
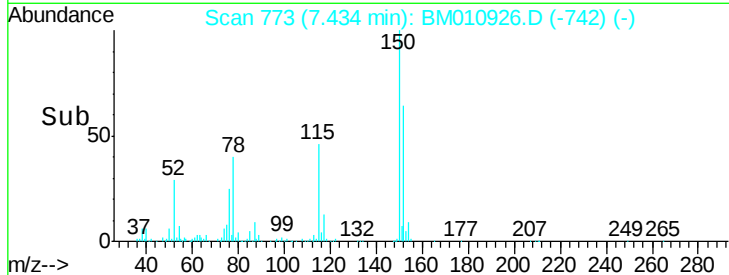
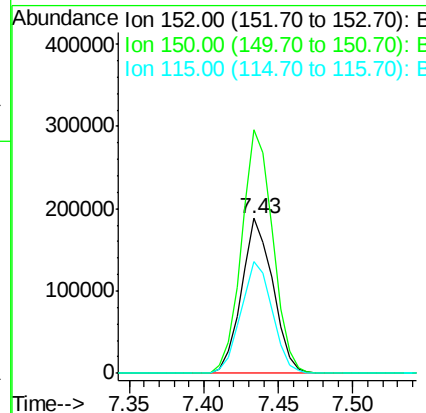
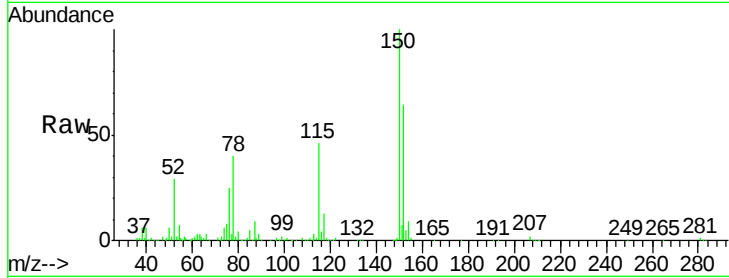


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.43 min Scan# 773
Delta R.T. -0.02 min
Lab File: BM010926.D
Acq: 21 Jul 2017 01:41

Instrument :
BNA_M
ClientSampleId :
M-COMB-05

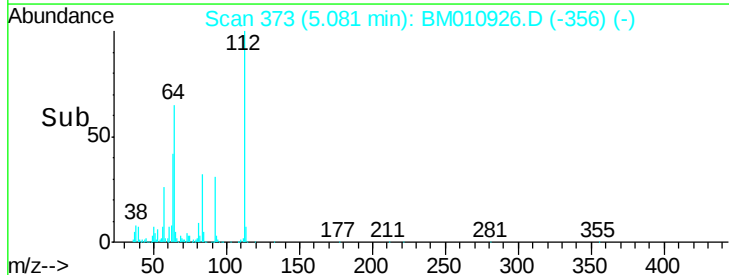
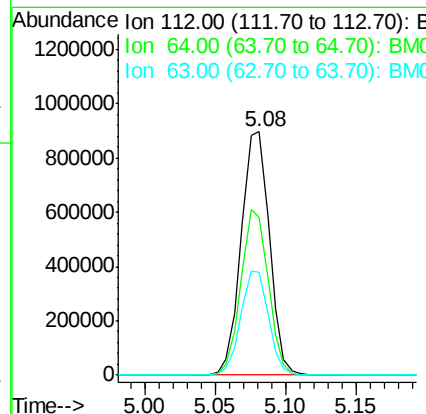
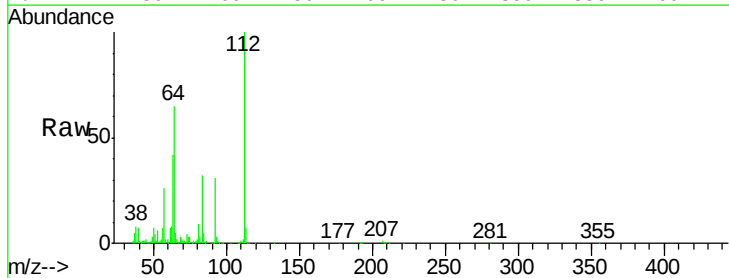
Tgt Ion:152 Resp: 274525
Ion Ratio Lower Upper
152 100
150 157.4 119.5 179.3
115 71.9 43.0 64.4#

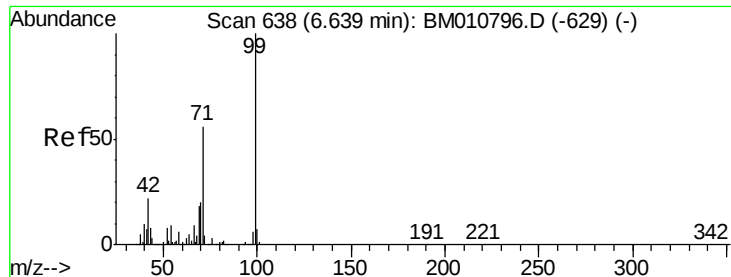


#5

2-Fluorophenol
Concen: 75.69 ng
RT: 5.08 min Scan# 373
Delta R.T. 0.00 min
Lab File: BM010926.D
Acq: 21 Jul 2017 01:41

Tgt Ion:112 Resp: 1254424
Ion Ratio Lower Upper
112 100
64 64.6 38.6 57.8#
63 42.3 19.3 28.9#





#7

Phenol-d6

Concen: 70.61 ng

RT: 6.63 min Scan# 636

Delta R.T. -0.01 min

Lab File: BM010926.D

Acq: 21 Jul 2017 01:41

Instrument :

BNA_M

ClientSampleId :

M-COMB-05

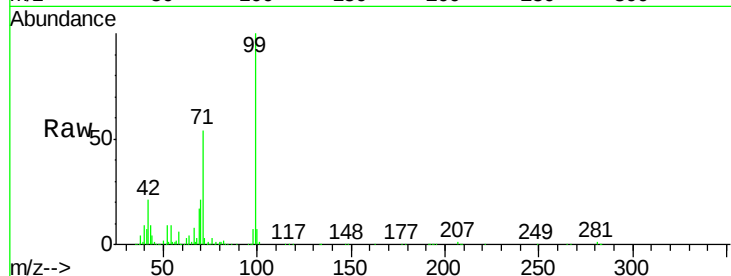
Tgt Ion: 99 Resp: 1613215

Ion Ratio Lower Upper

99 100

42 21.3 11.0 16.4#

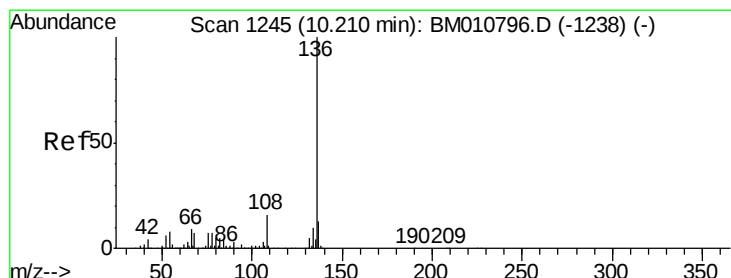
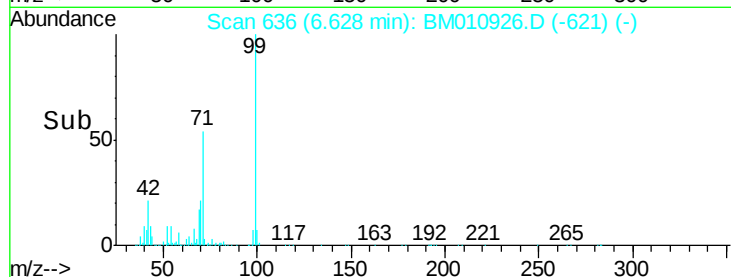
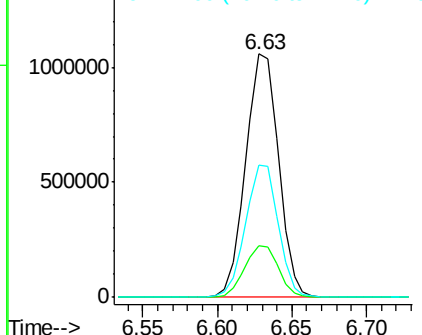
71 54.1 23.4 35.2#



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: 10.19 min Scan# 1242

Delta R.T. -0.02 min

Lab File: BM010926.D

Acq: 21 Jul 2017 01:41

Tgt Ion: 136 Resp: 1074817

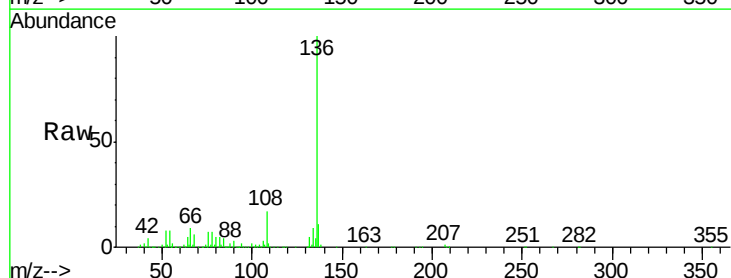
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 7.6 4.6 6.8#

68 5.8 3.7 5.5#

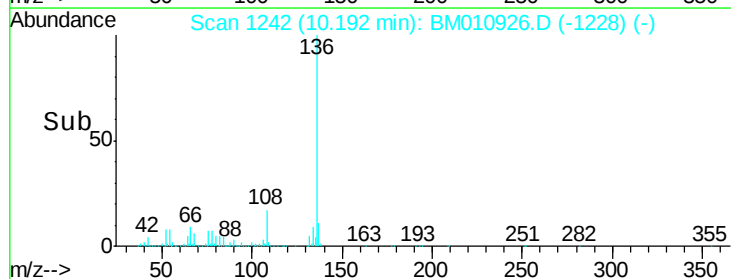
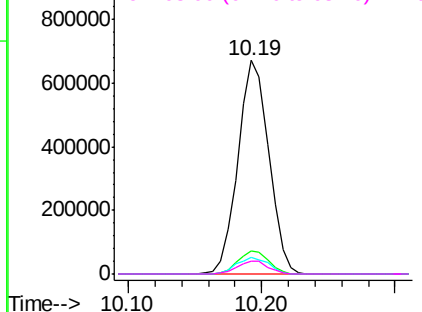


Abundance Ion 136.00 (135.70 to 136.70): BM010796.D (-1238) (-)

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) (-)

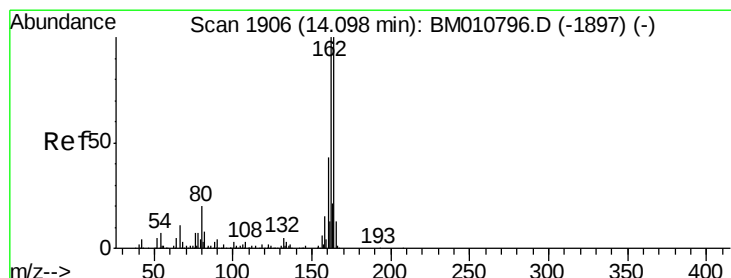
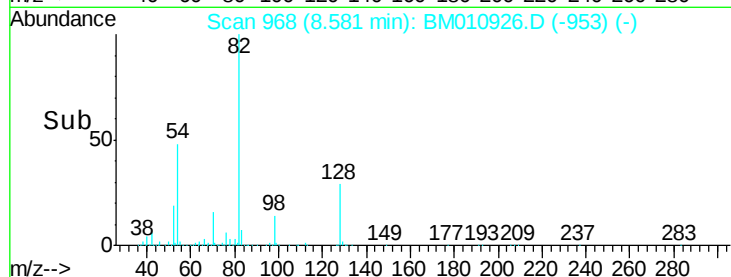
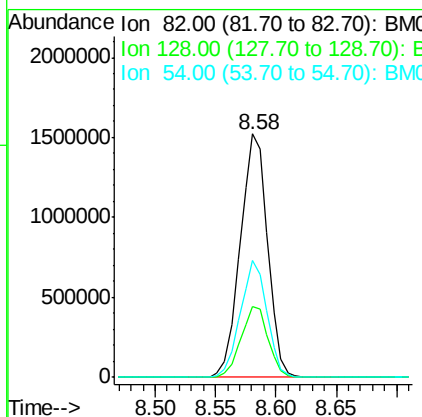
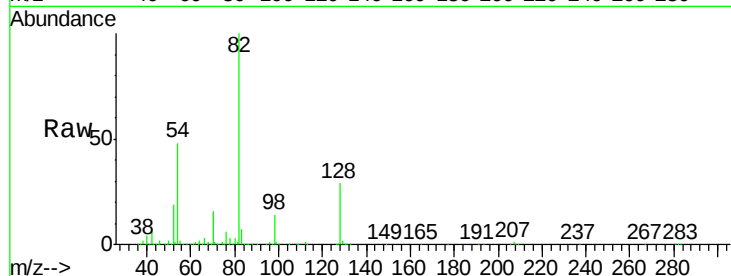




#23
 Nitrobenzene-d5
 Concen: 85.87 ng
 RT: 8.58 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BM010926.D
 Acq: 21 Jul 2017 01:41

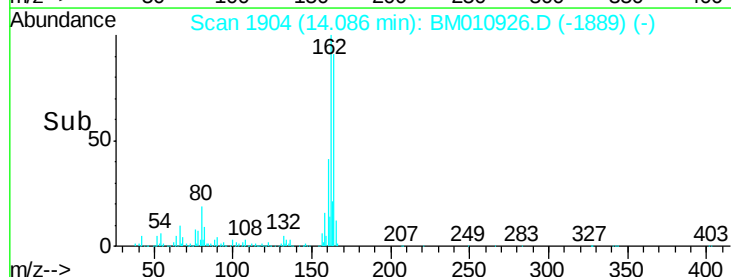
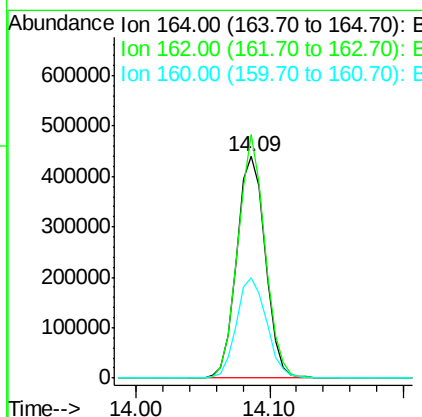
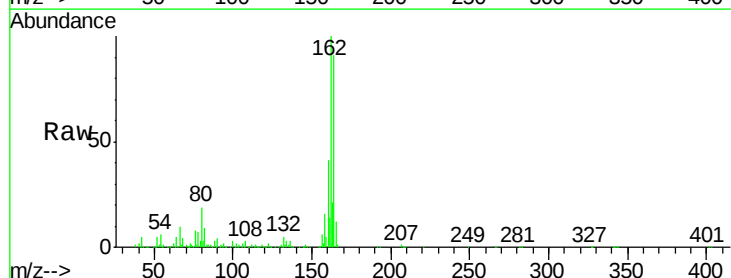
Instrument :
 BNA_M
 ClientSampleId :
 M-COMB-05

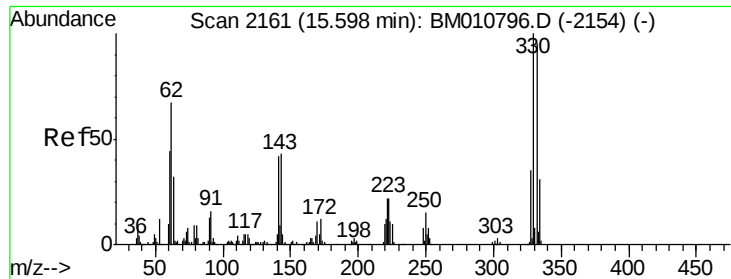
Tgt Ion: 82 Resp: 2401279
 Ion Ratio Lower Upper
 82 100
 128 28.9 32.8 49.2#
 54 48.1 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.09 min Scan# 1904
 Delta R.T. -0.01 min
 Lab File: BM010926.D
 Acq: 21 Jul 2017 01:41

Tgt Ion: 164 Resp: 654659
 Ion Ratio Lower Upper
 164 100
 162 109.9 82.4 123.6
 160 45.4 35.8 53.6

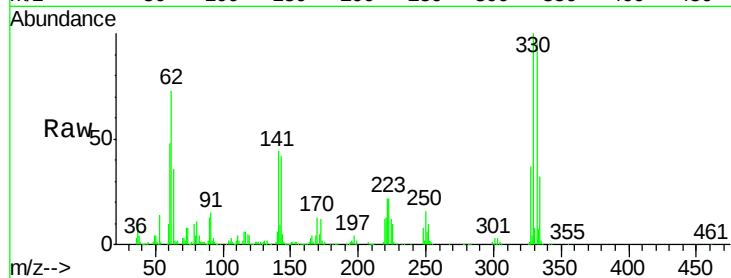




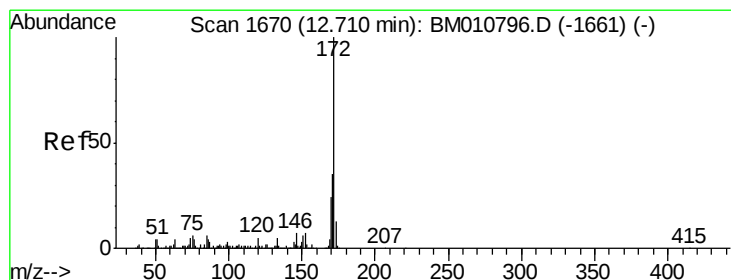
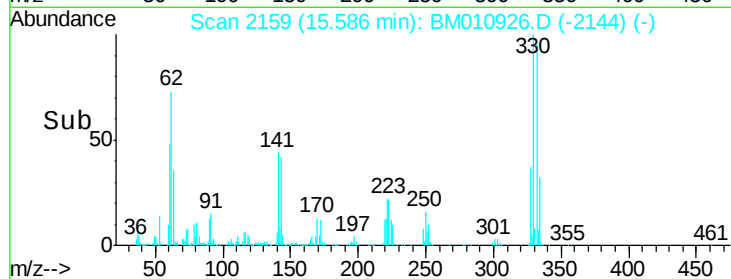
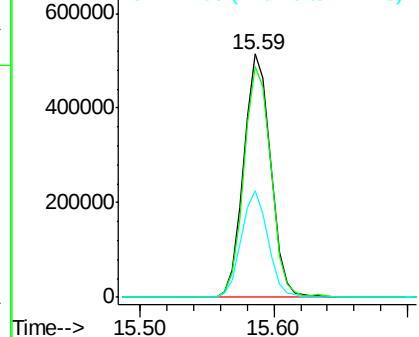
#41
 2,4,6-Tribromophenol
 Concen: 71.89 ng
 RT: 15.59 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BM010926.D
 Acq: 21 Jul 2017 01:41

Instrument :
 BNA_M
 ClientSampleId :
 M-COMB-05

Tgt Ion:330 Resp: 719220
 Ion Ratio Lower Upper
 330 100
 332 95.3 0.0 0.0#
 141 43.4 0.0 0.0#

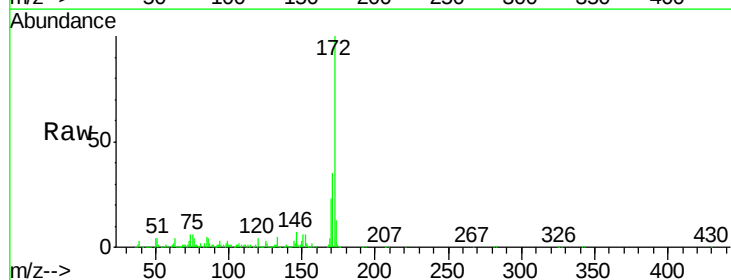


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

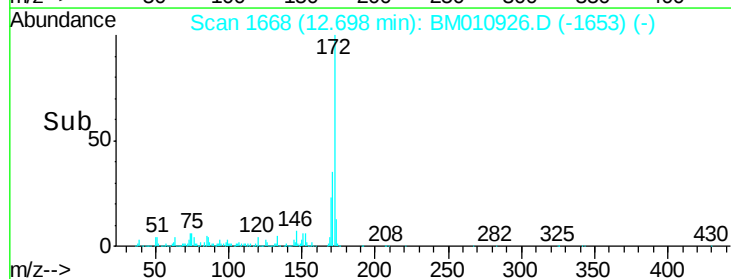
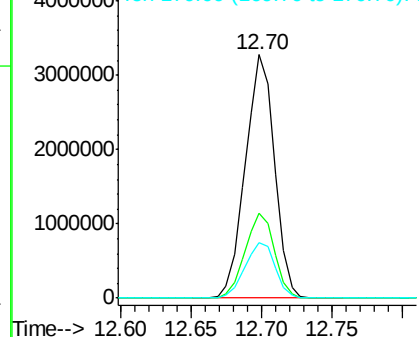


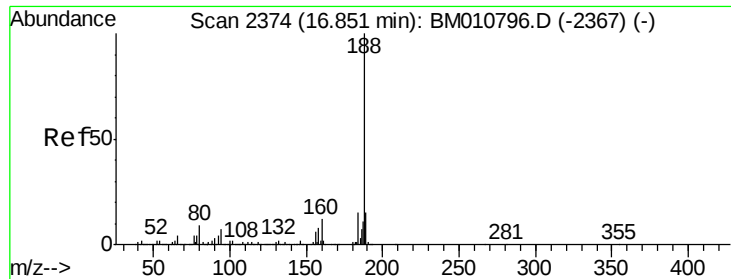
#44
 2-Fluorobiphenyl
 Concen: 90.18 ng
 RT: 12.70 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM010926.D
 Acq: 21 Jul 2017 01:41

Tgt Ion:172 Resp: 4745412
 Ion Ratio Lower Upper
 172 100
 171 34.7 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# 2372

Delta R.T. -0.01 min

Lab File: BM010926.D

Acq: 21 Jul 2017 01:41

Instrument :

BNA_M

ClientSampleId :

M-COMB-05

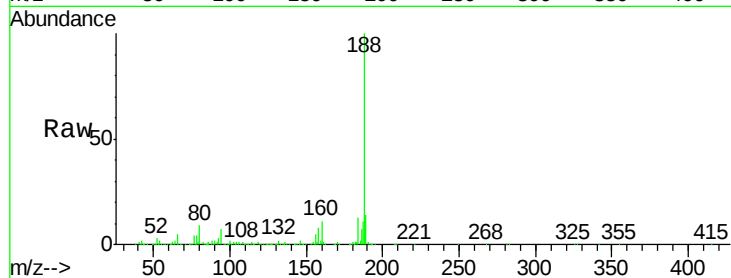
Tgt Ion:188 Resp: 1418014

Ion Ratio Lower Upper

188 100

94 7.3 8.7 13.1#

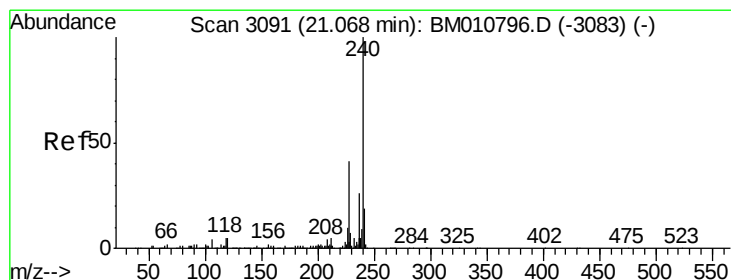
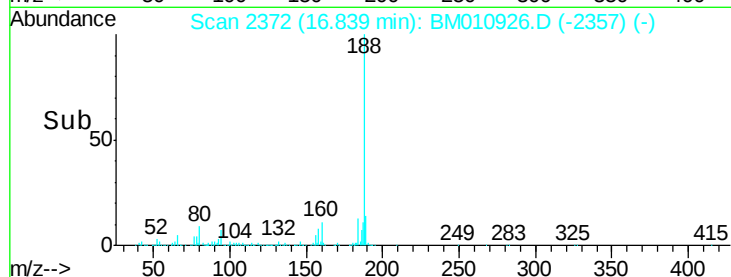
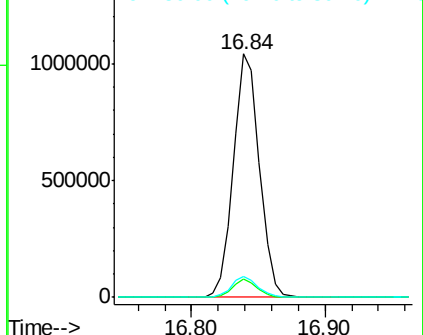
80 8.8 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.06 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM010926.D

Acq: 21 Jul 2017 01:41

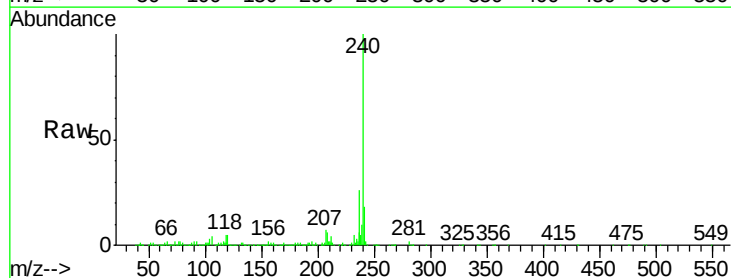
Tgt Ion:240 Resp: 1206345

Ion Ratio Lower Upper

240 100

120 5.1 8.2 12.2#

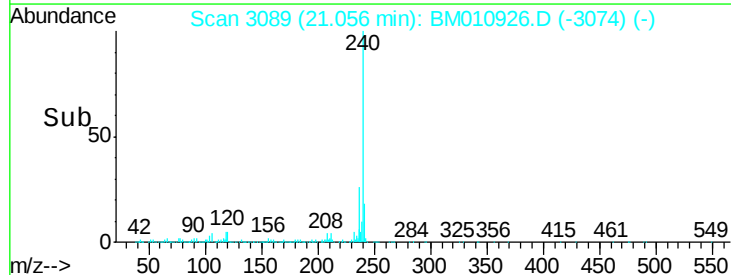
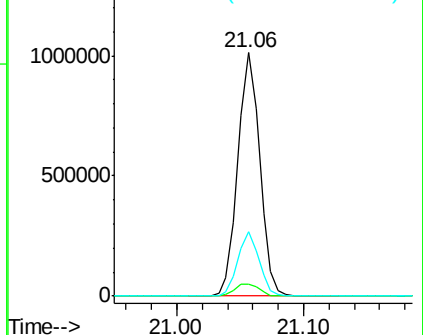
236 26.4 20.0 30.0

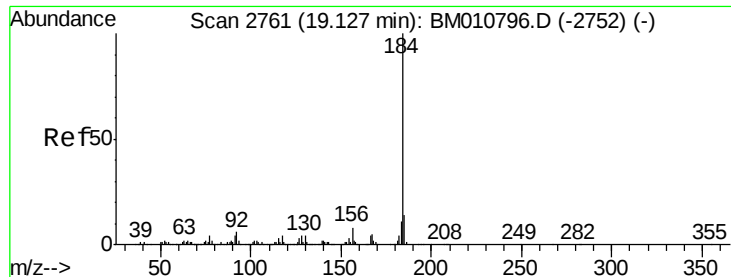


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 56.69 ng

RT: 19.12 min Scan# 2759

Delta R.T. -0.01 min

Lab File: BM010926.D

Acq: 21 Jul 2017 01:41

Instrument :

BNA_M

ClientSampleId :

M-COMB-05

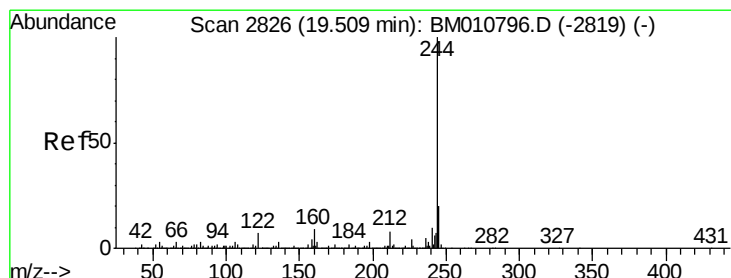
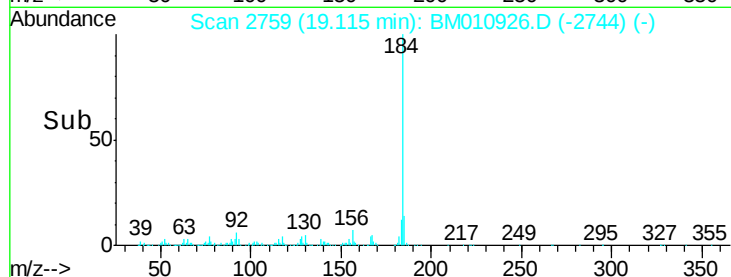
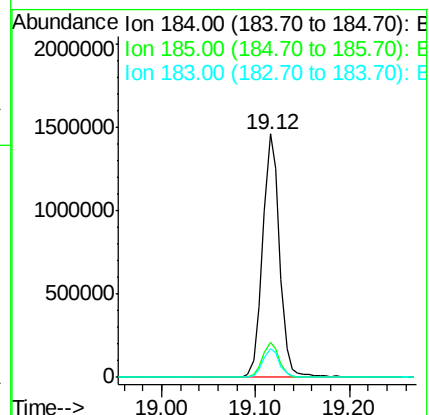
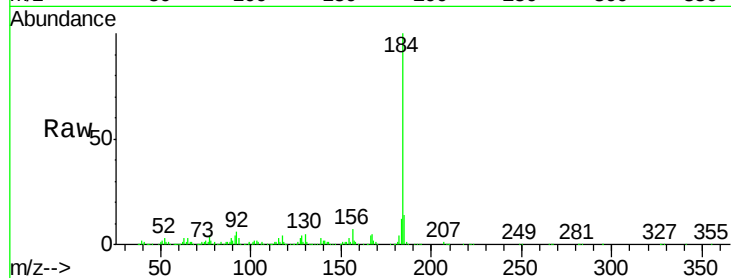
Tgt Ion:184 Resp: 1830063

Ion Ratio Lower Upper

184 100

185 14.2 11.3 16.9

183 11.6 8.9 13.3



#78

Terphenyl-d14

Concen: 89.02 ng

RT: 19.50 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM010926.D

Acq: 21 Jul 2017 01:41

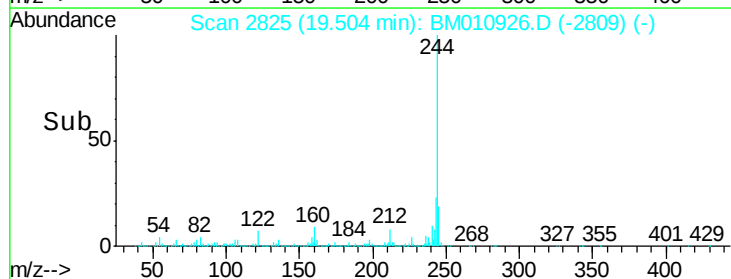
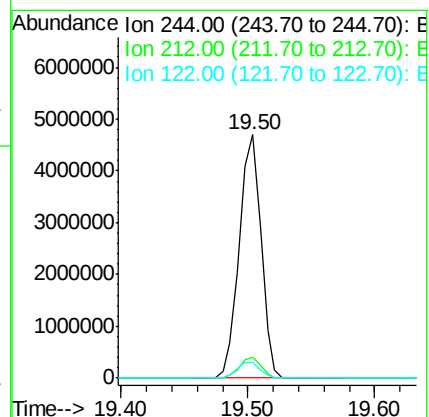
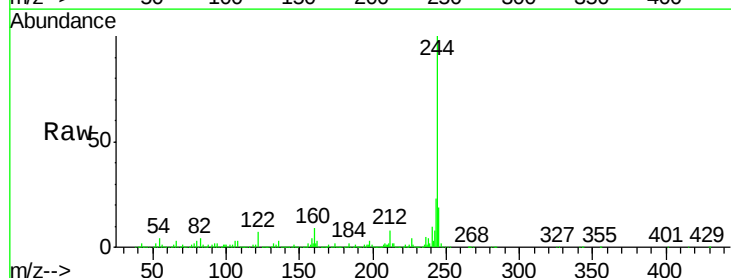
Tgt Ion:244 Resp: 5552421

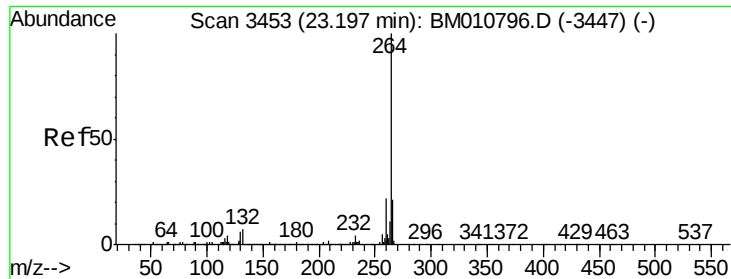
Ion Ratio Lower Upper

244 100

212 8.4 4.9 7.3#

122 6.6 6.2 9.4



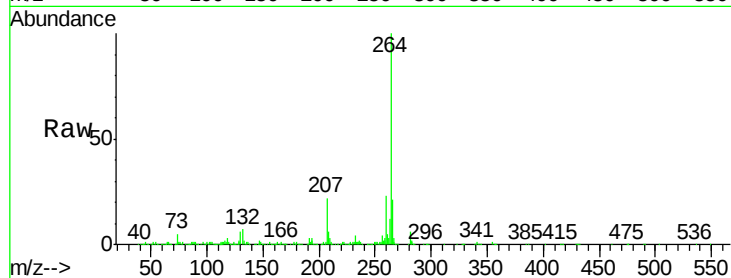


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.19 min Scan# 3451
Delta R.T. -0.01 min
Lab File: BM010926.D
Acq: 21 Jul 2017 01:41

Instrument :
BNA_M
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Tgt Ion: 264 Resp: 1100738

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	21.2	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

