

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072617\
 Data File : BM010997.D
 Acq On : 27 Jul 2017 06:59
 Operator : SJ/JU
 Sample : I4407-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HDD-PILWC3

Quant Time: Jul 27 10:22:04 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 17:29:06 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	198779	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	723018	20.00	ng	0.00
38) Acenaphthene-d10	14.05	164	375707	20.00	ng	0.00
63) Phenanthrene-d10	16.80	188	1139704	20.00	ng	0.00
75) Chrysene-d12	21.02	240	821502	20.00	ng	0.00
86) Perylene-d12	23.13	264	89708	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1680502	142.91	ng	0.00
7) Phenol-d6	6.59	99	1894644	113.40	ng	0.00
23) Nitrobenzene-d5	8.54	82	1995919	103.61	ng	0.00
41) 2,4,6-Tribromophenol	15.55	330	1136671	188.76	ng	0.00
44) 2-Fluorobiphenyl	12.66	172	3810899	127.21	ng	0.00
78) Terphenyl-d14	19.47	244	5543214	133.66	ng	0.00

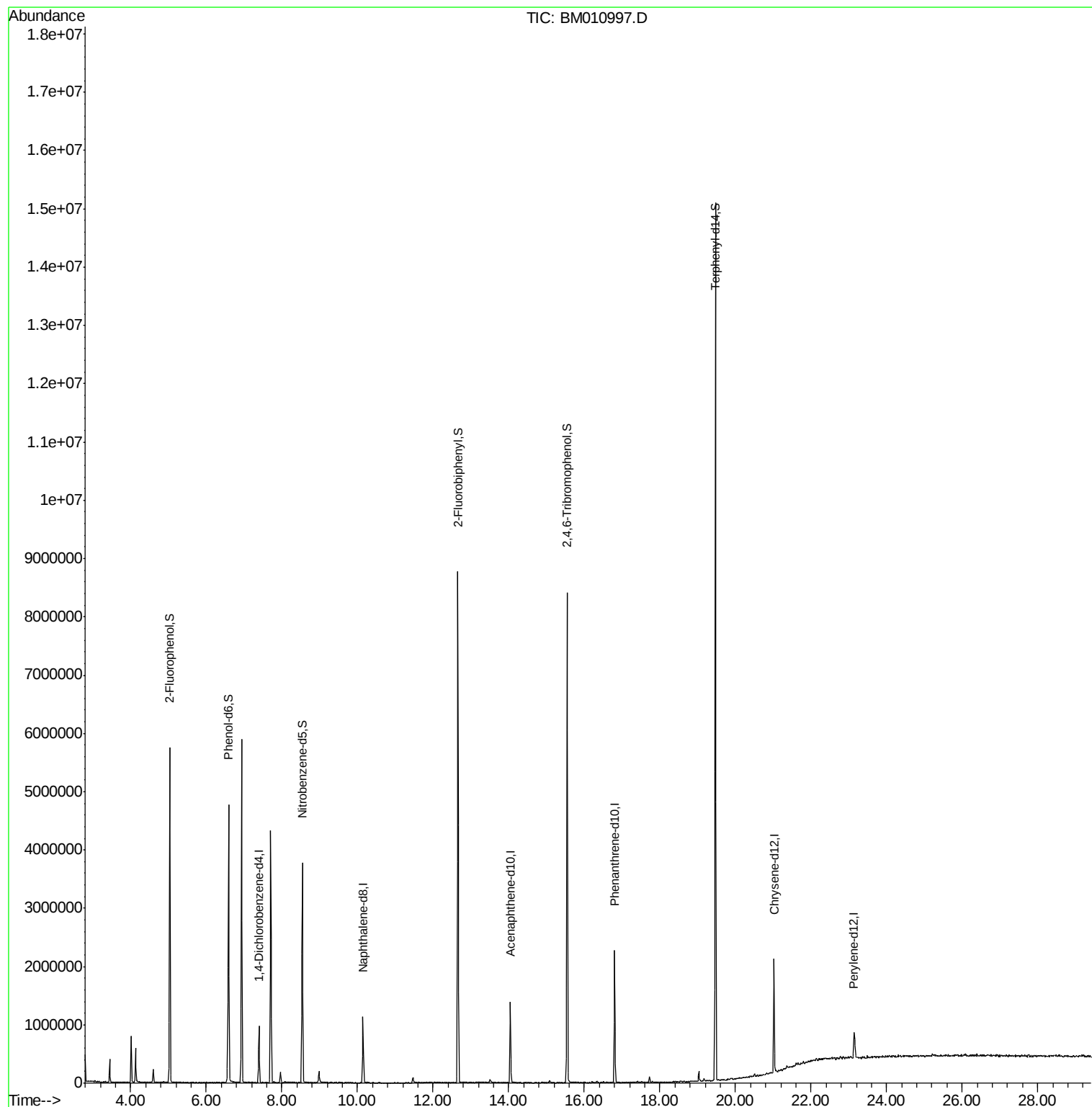
Target Compounds Qvalue

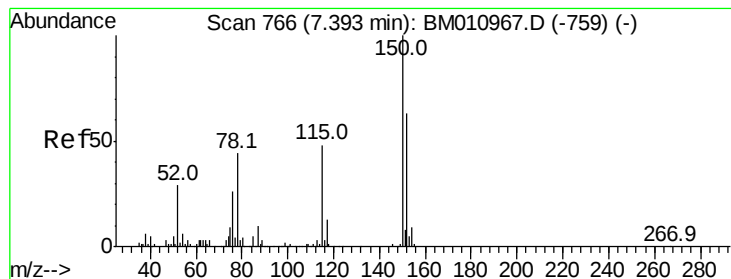
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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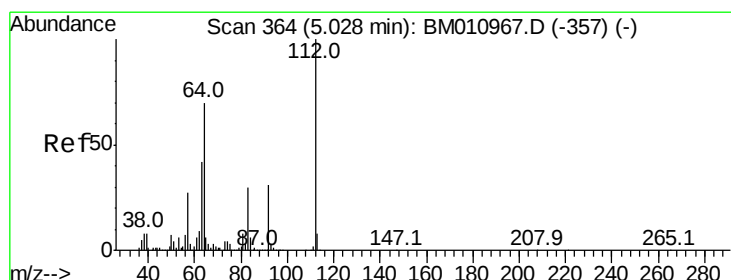
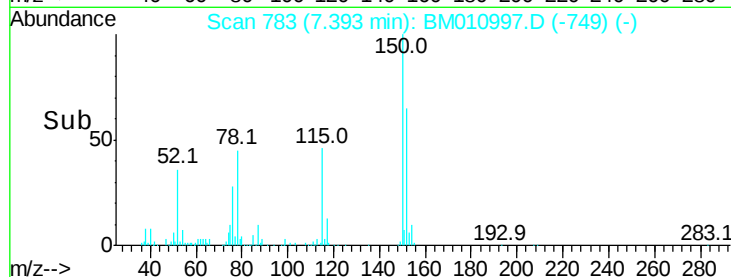
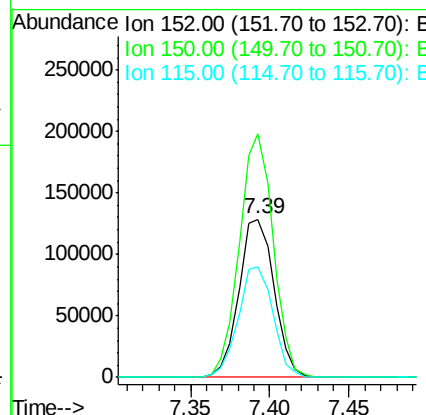
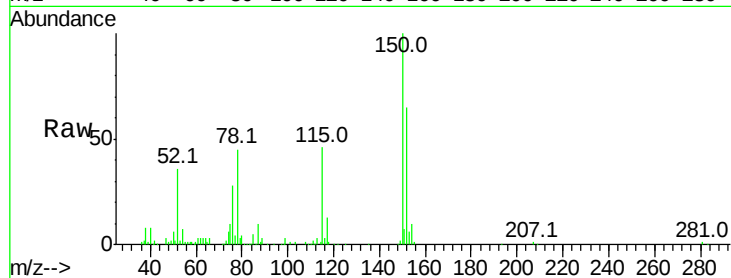


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 783
Delta R.T. 0.00 min
Lab File: BM010997.D
Acq: 27 Jul 2017 06:59

Instrument :
BNA_M
ClientSampleId :
HDD-PILWC3

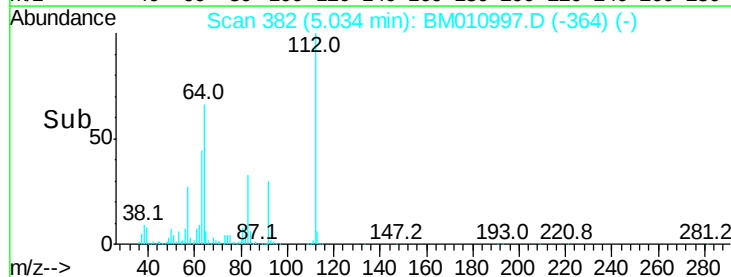
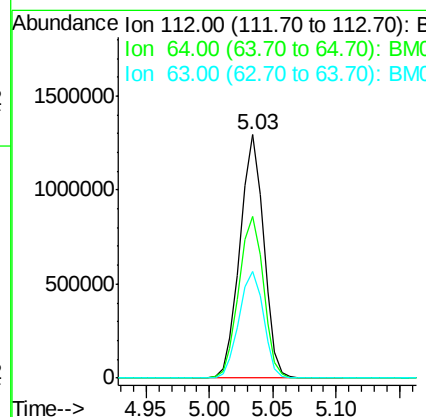
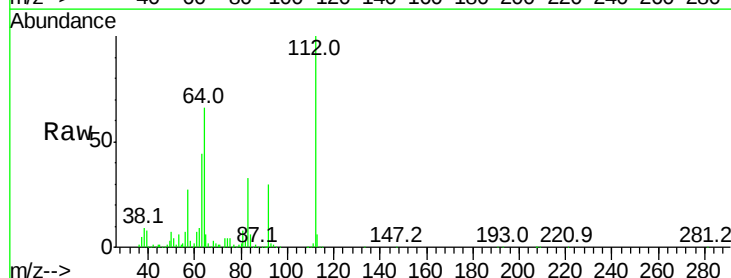
Tot Ion:152 Resp: 198779
Ion Ratio Lower Upper
152 100
150 154.0 119.5 179.3
115 70.3 43.0 64.4#

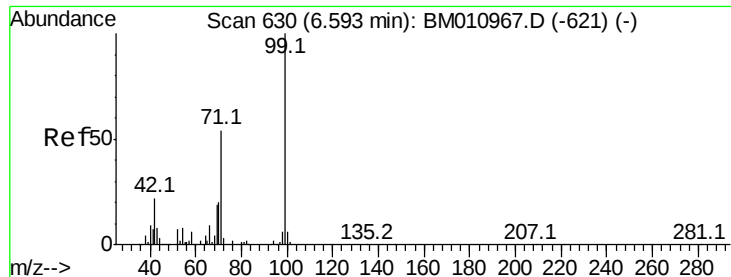


#5

2-Fluorophenol
Concen: 142.912 ng
RT: 5.03 min Scan# 382
Delta R.T. 0.01 min
Lab File: BM010997.D
Acq: 27 Jul 2017 06:59

Tgt Ion:112 Resp: 1680502
Ion Ratio Lower Upper
112 100
64 66.2 38.6 57.8#
63 43.8 19.3 28.9#





#7

Phenol-d6

Concen: 113.401 ng

RT: 6.59 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM010997.D

Acq: 27 Jul 2017 06:59

Instrument :

BNA_M

ClientSampleId :

HDD-PILWC3

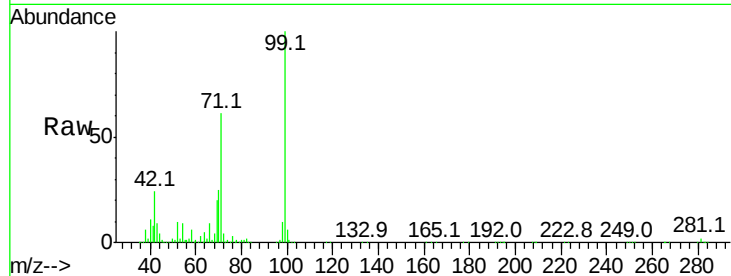
Tot Ion: 99 Resp: 1894644

Ion Ratio Lower Upper

99 100

42 24.4 11.0 16.4#

71 60.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010997.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM010997.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM010997.D (-630) (-)

6.59

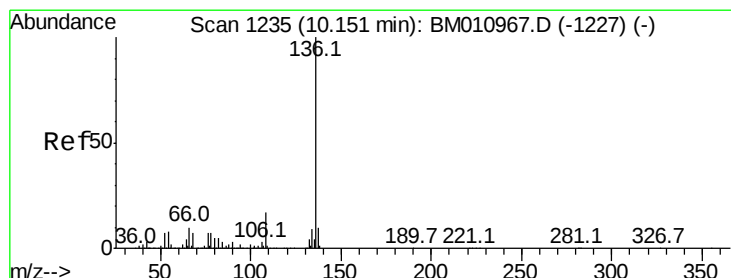
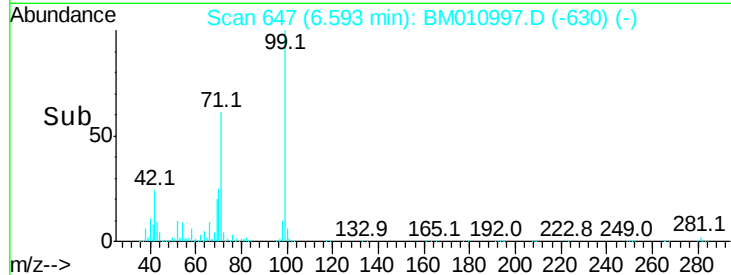
1500000

1000000

500000

0

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.15 min Scan# 1252

Delta R.T. 0.00 min

Lab File: BM010997.D

Acq: 27 Jul 2017 06:59

Tgt Ion:136 Resp: 723018

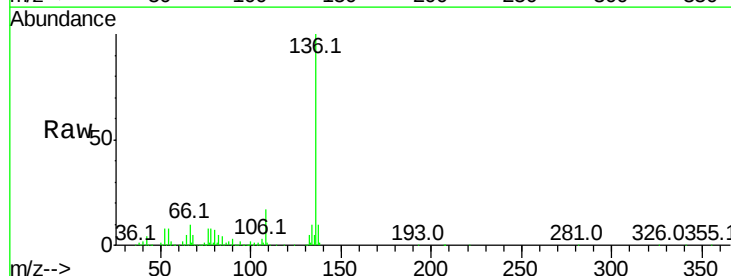
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 8.0 4.6 6.8#

68 5.3 3.7 5.5



Abundance Ion 136.00 (135.70 to 136.70): BM010997.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM010997.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM010997.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM010997.D (-1235) (-)

10.15

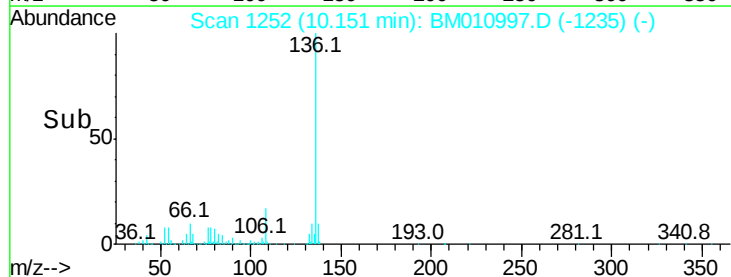
600000

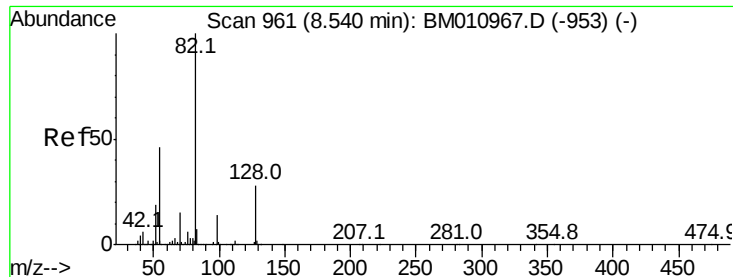
400000

200000

0

Time-->

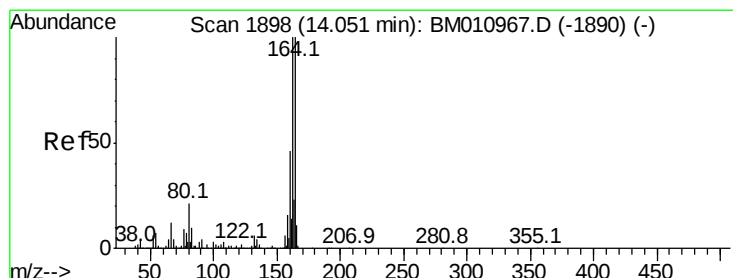
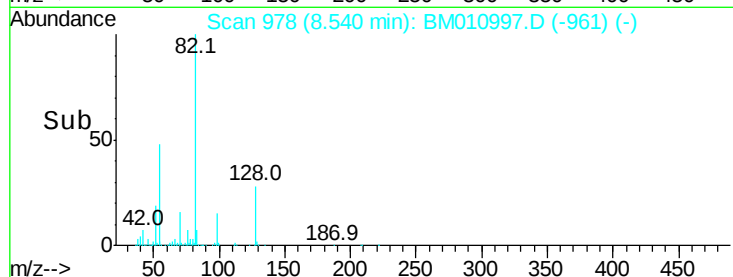
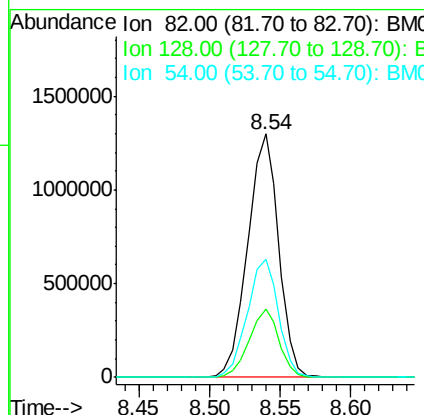
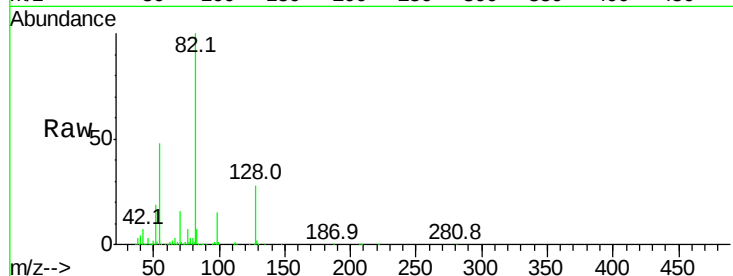




#23
 Nitrobenzene-d5
 Concen: 103.607 ng
 RT: 8.54 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BM010997.D
 Acq: 27 Jul 2017 06:59

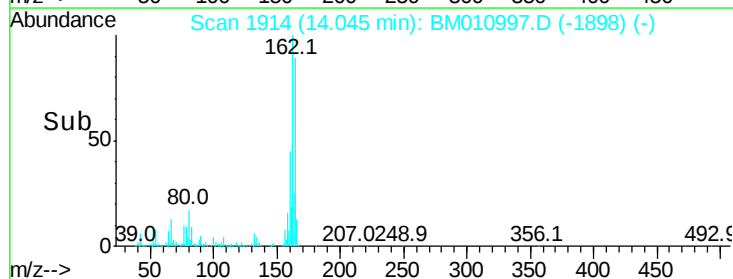
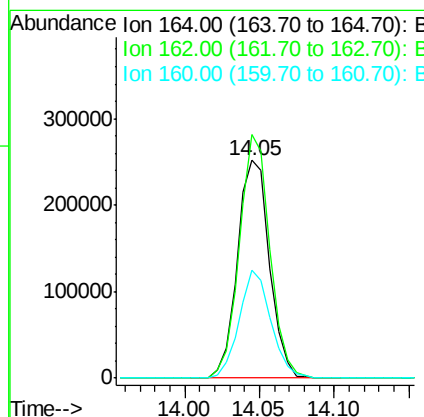
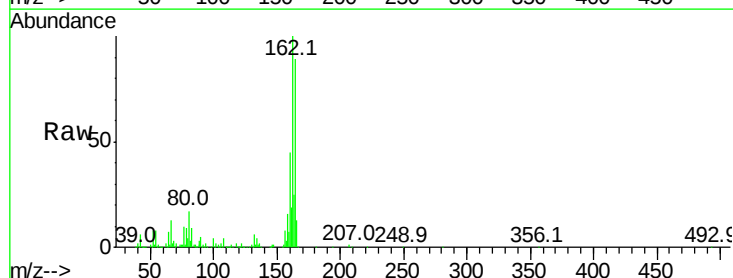
Instrument :
 BNA_M
 ClientSampleId :
 HDD-PILWC3

Tot Ion: 82 Resp: 1995919
 Ion Ratio Lower Upper
 82 100
 128 27.9 32.8 49.2#
 54 48.4 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.05 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: BM010997.D
 Acq: 27 Jul 2017 06:59

Tgt Ion:164 Resp: 375707
 Ion Ratio Lower Upper
 164 100
 162 112.0 82.4 123.6
 160 49.9 35.8 53.6

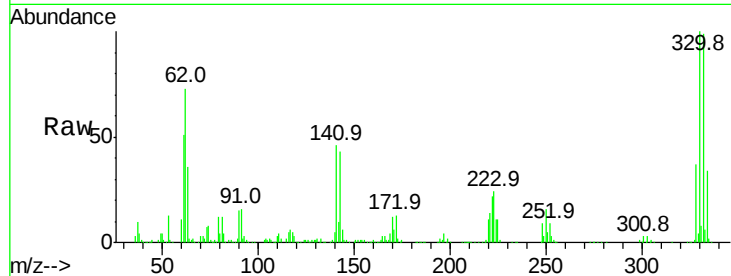




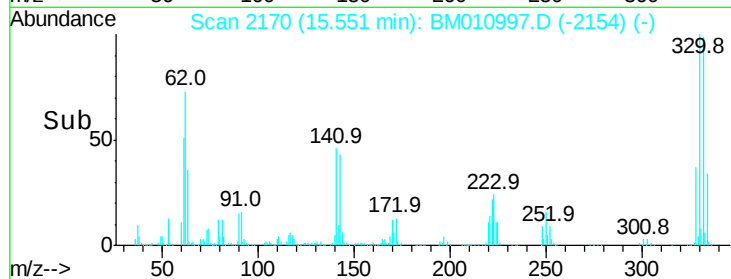
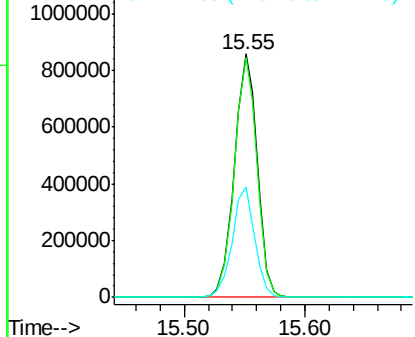
#41
 2,4,6-Tribromophenol
 Concen: 188.759 ng
 RT: 15.55 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: BM010997.D
 Acq: 27 Jul 2017 06:59

Instrument :
 BNA_M
 ClientSampleId :
 HDD-PILWC3

Tot Ion:330 Resp: 1136671
 Ion Ratio Lower Upper
 330 100
 332 96.9 0.0 0.0#
 141 44.3 0.0 0.0#

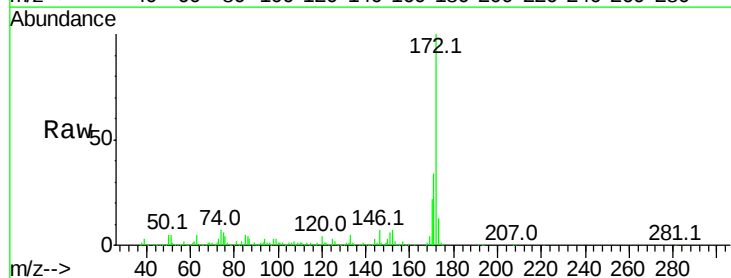


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

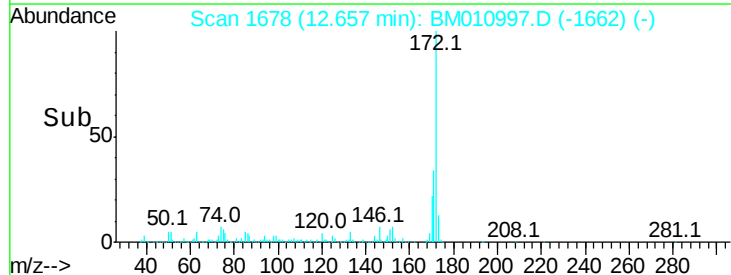
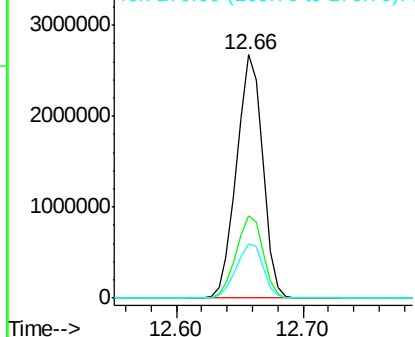


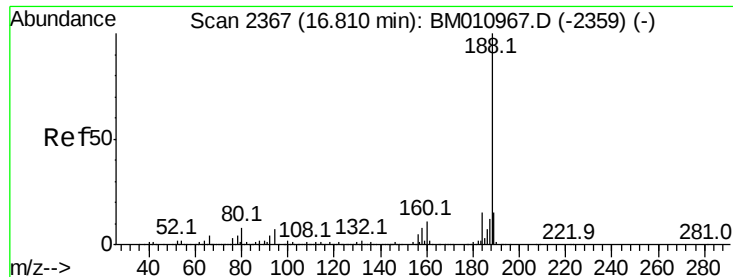
#44
 2-Fluorobiphenyl
 Concen: 127.210 ng
 RT: 12.66 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BM010997.D
 Acq: 27 Jul 2017 06:59

Tgt Ion:172 Resp: 3810899
 Ion Ratio Lower Upper
 172 100
 171 33.9 28.5 42.7
 170 22.0 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: 20.000 ng

RT: 16.80 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BM010997.D

Acq: 27 Jul 2017 06:59

Instrument :

BNA_M

ClientSampleId :

HDD-PILWC3

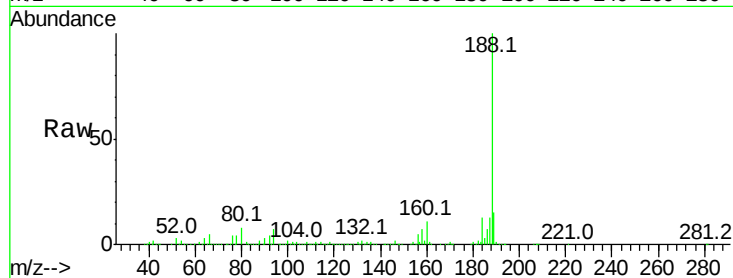
Tot Ion:188 Resp: 1139704

Ion Ratio Lower Upper

188 100

94 7.0 8.7 13.1#

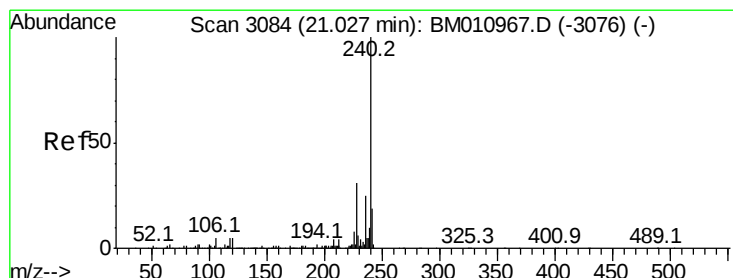
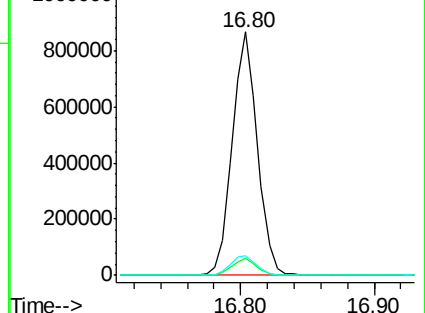
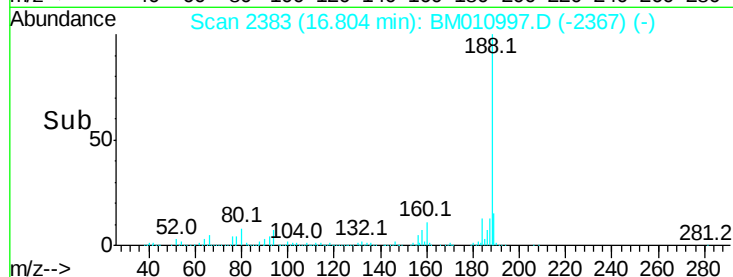
80 7.9 9.3 13.9#



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: 20.000 ng

RT: 21.02 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BM010997.D

Acq: 27 Jul 2017 06:59

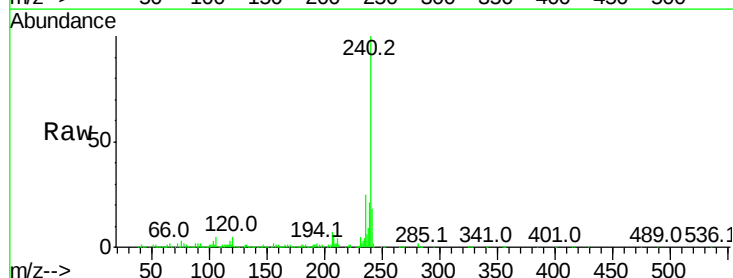
Tgt Ion:240 Resp: 821502

Ion Ratio Lower Upper

240 100

120 5.0 8.2 12.2#

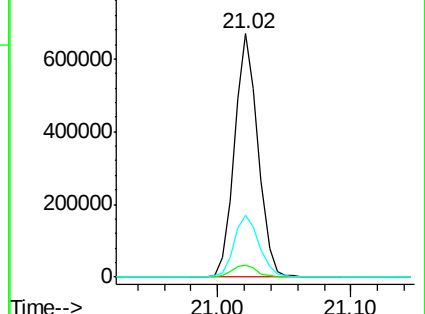
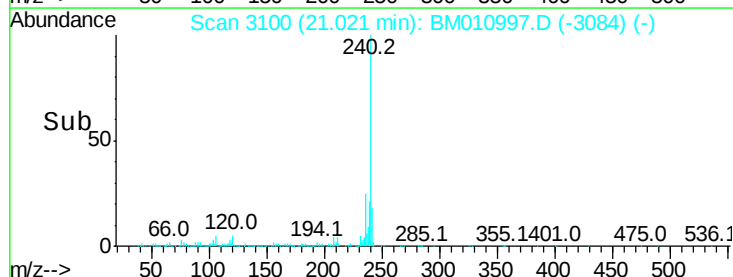
236 25.5 20.0 30.0

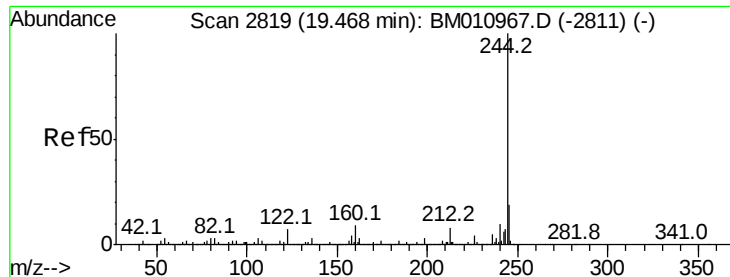


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 133.662 ng

RT: 19.47 min Scan# 2836

Delta R.T. 0.00 min

Lab File: BM010997.D

Acq: 27 Jul 2017 06:59

Instrument :

BNA_M

ClientSampleId :

HDD-PILWC3

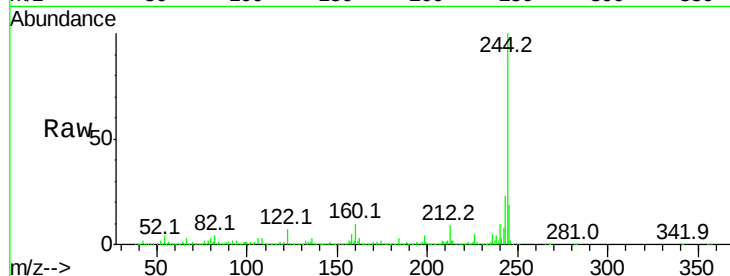
Tot Ion:244 Resp: 5543214

Ion Ratio Lower Upper

244 100

212 8.8 4.9 7.3#

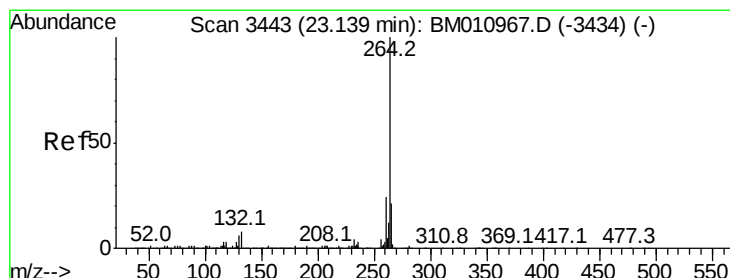
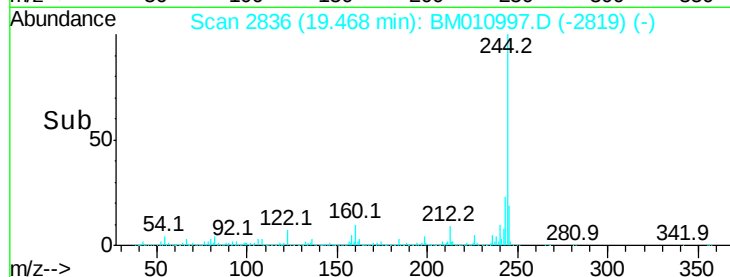
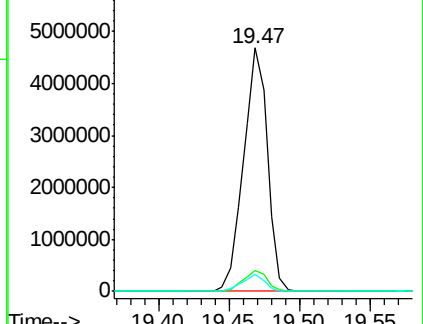
122 6.9 6.2 9.4



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: 20.000 ng

RT: 23.13 min Scan# 3459

Delta R.T. -0.01 min

Lab File: BM010997.D

Acq: 27 Jul 2017 06:59

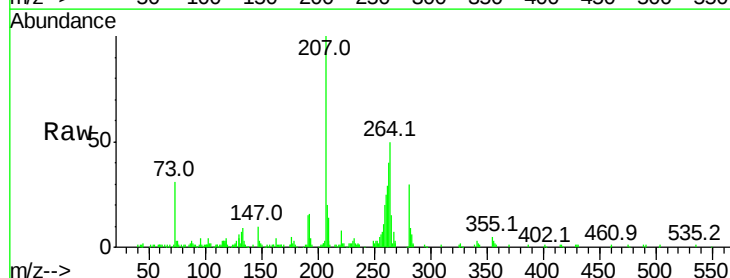
Tgt Ion:264 Resp: 89708

Ion Ratio Lower Upper

264 100

260 50.6 18.6 27.8#

265 29.7 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

