

Data File : BM010920.D
Acq On : 20 Jul 2017 22:05
Operator : SJ/JU
Sample : I4272-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HDD-P1LWC2

Quant Time: Jul 21 03:05:33 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	165226	20.00	ng	-0.02
21) Naphthalene-d8	10.19	136	642344	20.00	ng	-0.02
38) Acenaphthene-d10	14.09	164	412639	20.00	ng	-0.01
63) Phenanthrene-d10	16.84	188	1105819	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1324504	20.00	ng	-0.01
86) Perylene-d12	23.19	264	1063421	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	1286119	128.94	ng	0.00
7) Phenol-d6	6.63	99	1596732	116.12	ng	0.00
23) Nitrobenzene-d5	8.58	82	1495738	89.50	ng	-0.01
41) 2,4,6-Tribromophenol	15.59	330	957839	151.90	ng	0.00
44) 2-Fluorobiphenyl	12.70	172	3011554	90.79	ng	-0.01
78) Terphenyl-d14	19.50	244	5837212	85.24	ng	0.00

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

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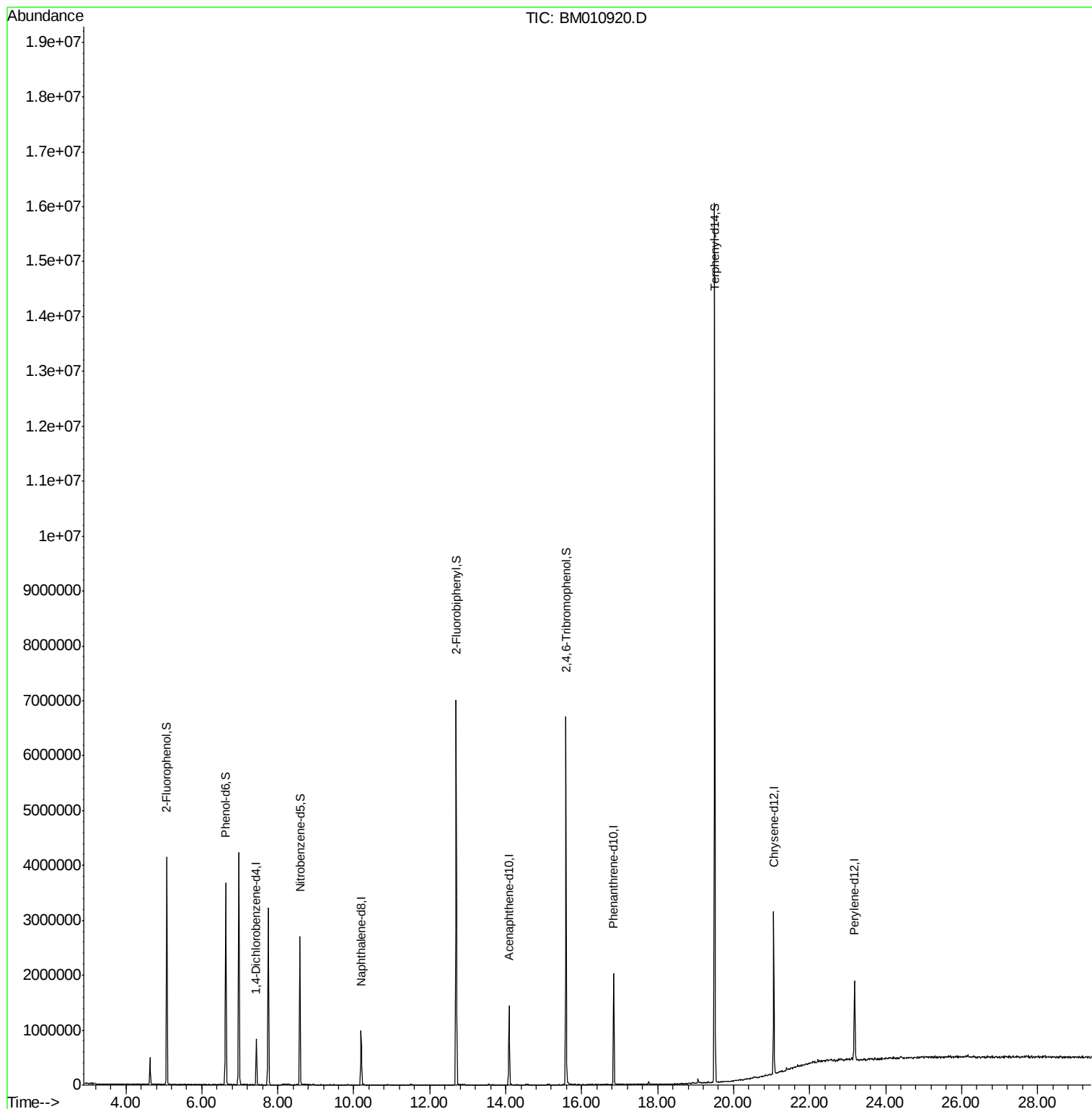
Quant Time: Jul 21 03:05:33 2017

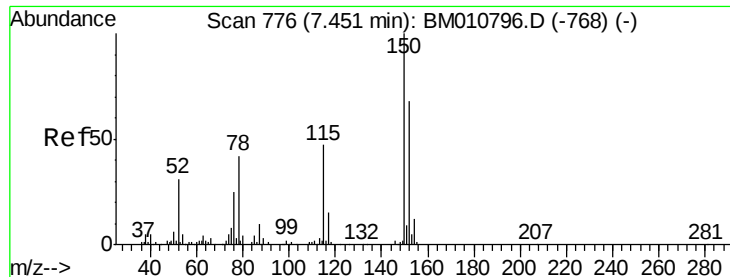
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM071217.M

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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: 7.43 min Scan# 773

Delta R.T. -0.02 min

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Instrument :

BNA_M

ClientSampleId :

HDD-P1LWC2

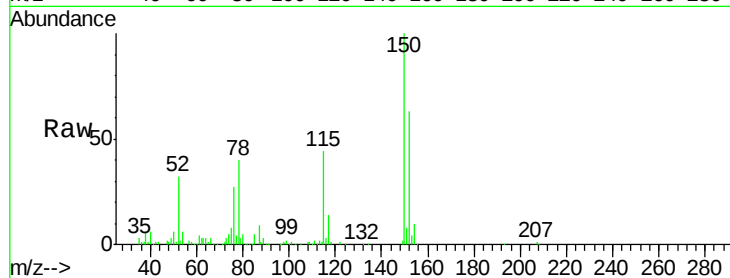
Tgt Ion:152 Resp: 165226

Ion Ratio Lower Upper

152 100

150 158.1 119.5 179.3

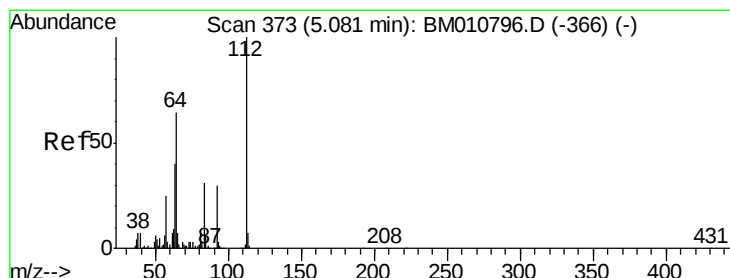
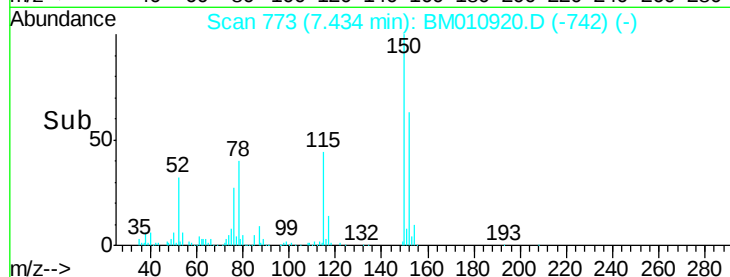
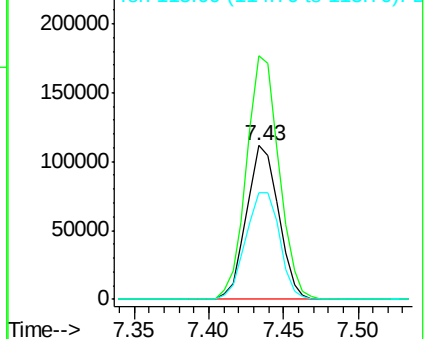
115 69.3 43.0 64.4#



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: 128.94 ng

RT: 5.07 min Scan# 372

Delta R.T. -0.01 min

Lab File: BM010920.D

Acq: 20 Jul 2017 22:05

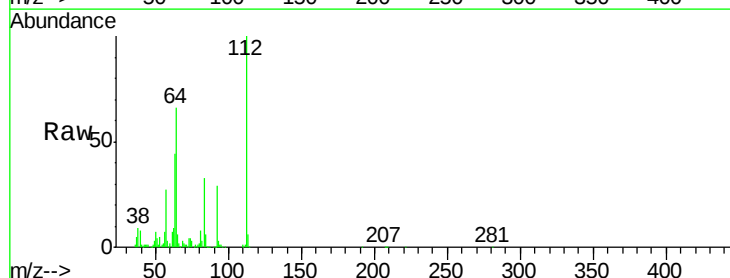
Tgt Ion:112 Resp: 1286119

Ion Ratio Lower Upper

112 100

64 66.0 38.6 57.8#

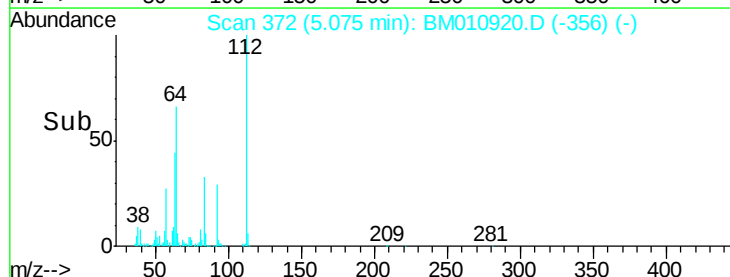
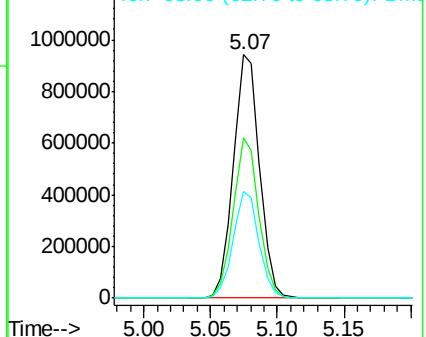
63 43.6 19.3 28.9#

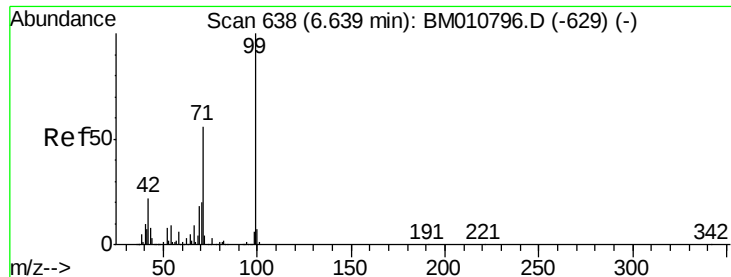


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 116.12 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM010920.D

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ClientSampleId :

HDD-P1LWC2

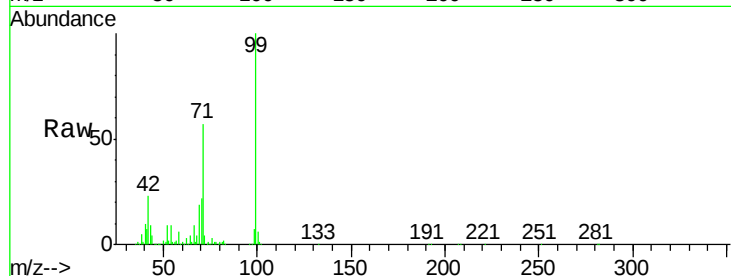
Tgt Ion: 99 Resp: 1596732

Ion Ratio Lower Upper

99 100

42 22.8 11.0 16.4#

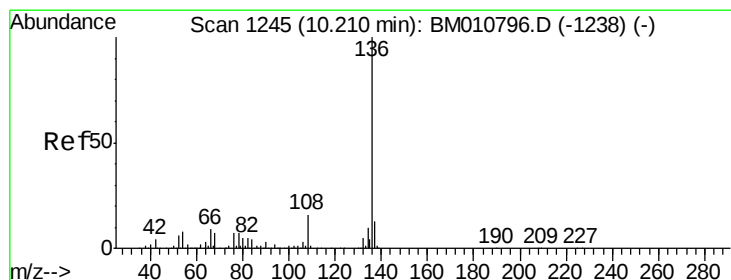
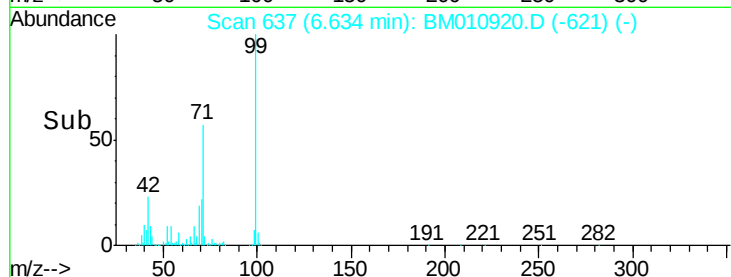
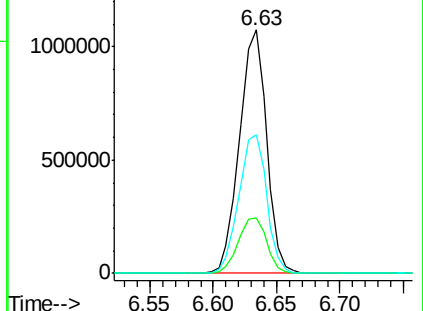
71 57.0 23.4 35.2#



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: BM010920.D

Acq: 20 Jul 2017 22:05

Tgt Ion: 136 Resp: 642344

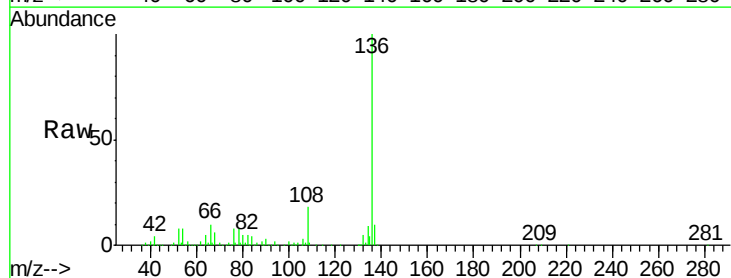
Ion Ratio Lower Upper

136 100

137 10.1 8.7 13.1

54 8.5 4.6 6.8#

68 6.1 3.7 5.5#

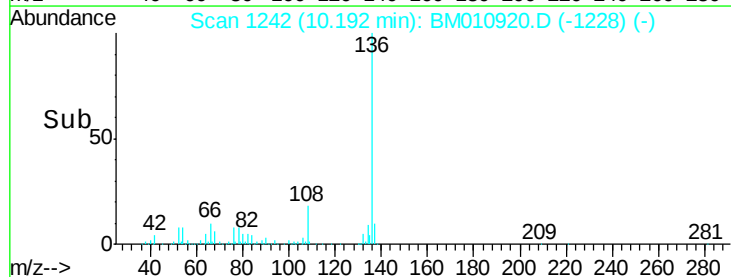
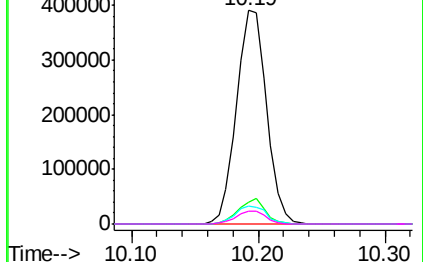


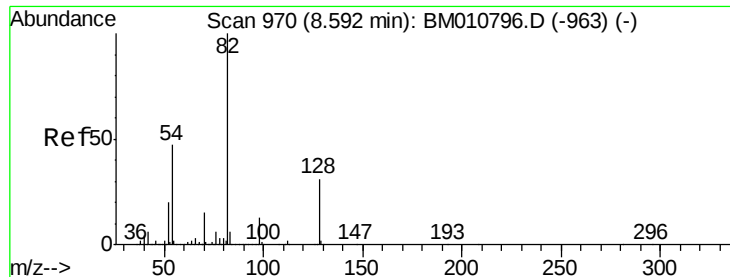
Abundance Ion 136.00 (135.70 to 136.70): BM010796.D (-1238) (-)

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) (-)

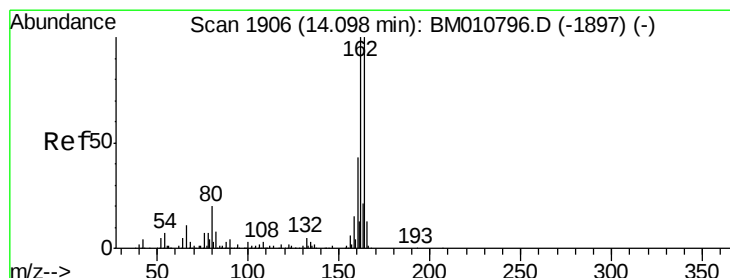
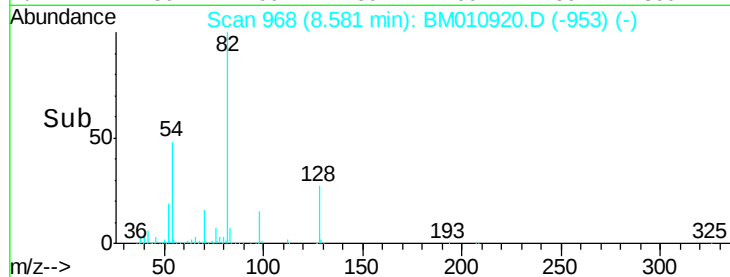
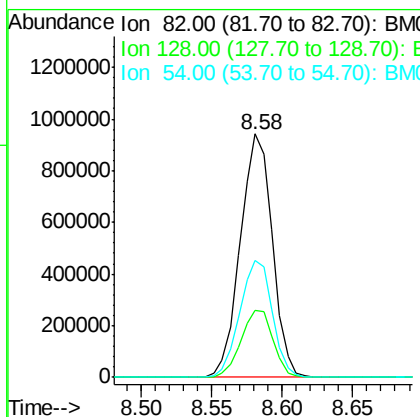
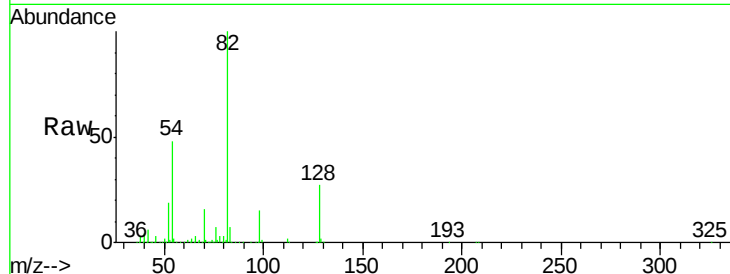




#23
 Nitrobenzene-d5
 Concen: 89.50 ng
 RT: 8.58 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BM010920.D
 Acq: 20 Jul 2017 22:05

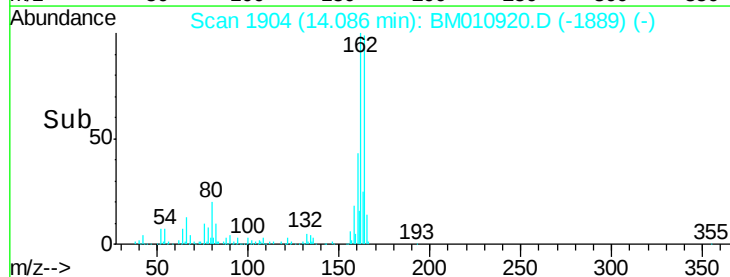
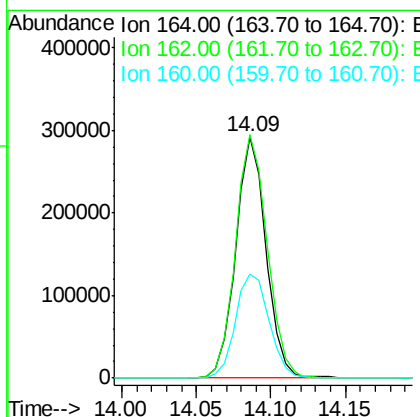
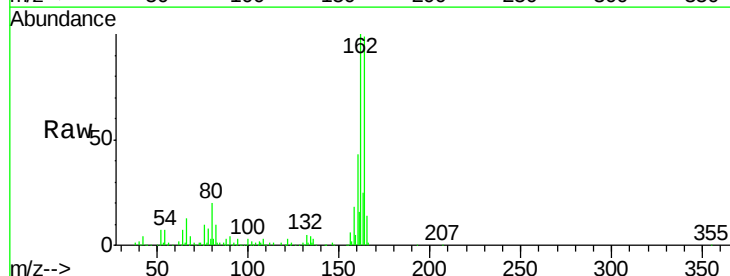
Instrument :
 BNA_M
 ClientSampleId :
 HDD-P1LWC2

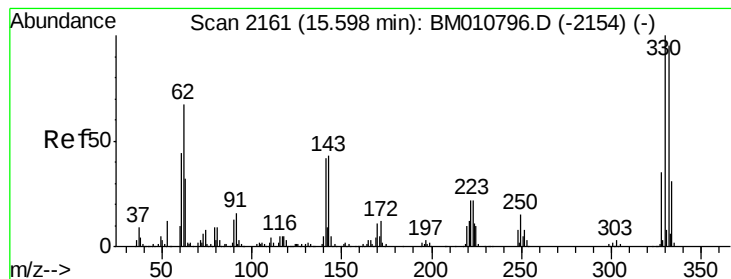
Tgt Ion: 82 Resp: 1495738
 Ion Ratio Lower Upper
 82 100
 128 27.3 32.8 49.2#
 54 48.2 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.09 min Scan# 1904
 Delta R.T. -0.01 min
 Lab File: BM010920.D
 Acq: 20 Jul 2017 22:05

Tgt Ion: 164 Resp: 412639
 Ion Ratio Lower Upper
 164 100
 162 100.9 82.4 123.6
 160 43.3 35.8 53.6

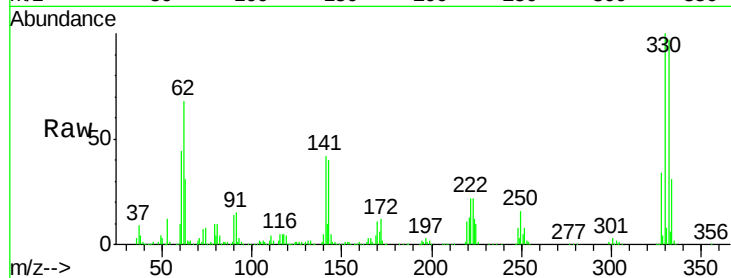




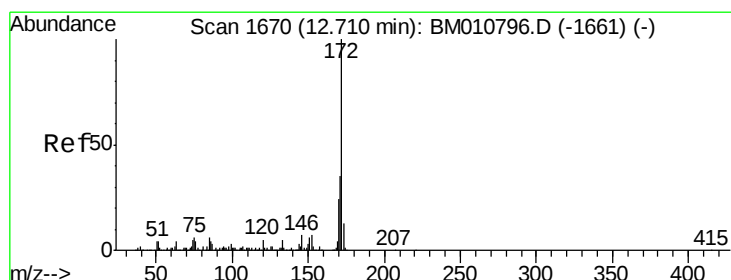
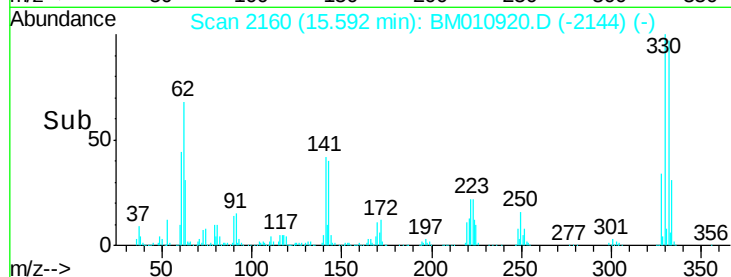
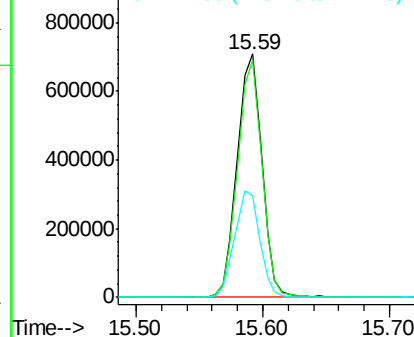
#41
 2,4,6-Tribromophenol
 Concen: 151.90 ng
 RT: 15.59 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BM010920.D
 Acq: 20 Jul 2017 22:05

Instrument :
 BNA_M
 ClientSampleId :
 HDD-P1LWC2

Tgt Ion:330 Resp: 957839
 Ion Ratio Lower Upper
 330 100
 332 96.0 0.0 0.0#
 141 44.5 0.0 0.0#

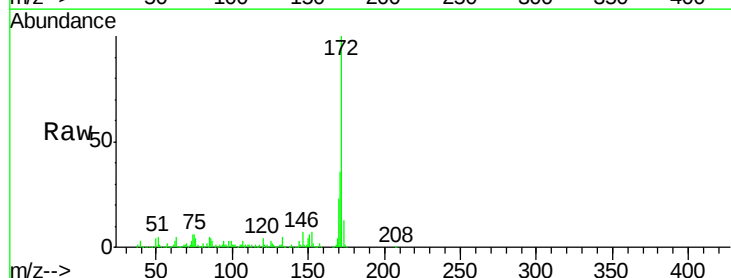


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

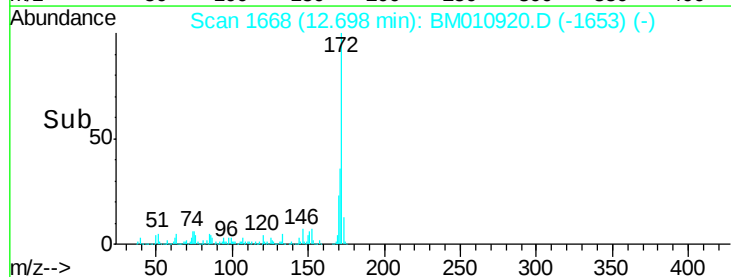
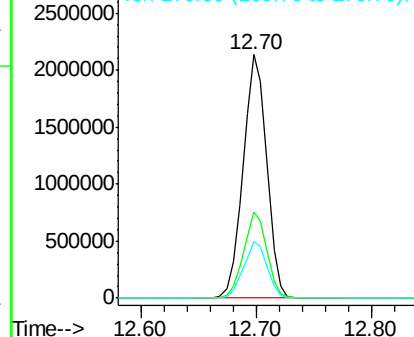


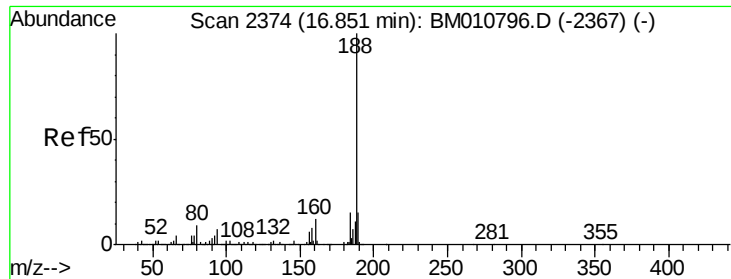
#44
 2-Fluorobiphenyl
 Concen: 90.79 ng
 RT: 12.70 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM010920.D
 Acq: 20 Jul 2017 22:05

Tgt Ion:172 Resp: 3011554
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.5 42.7
 170 23.4 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# 2373

Delta R.T. -0.01 min

Lab File: BM010920.D

Acq: 20 Jul 2017 22:05

Instrument :

BNA_M

ClientSampleId :

HDD-P1LWC2

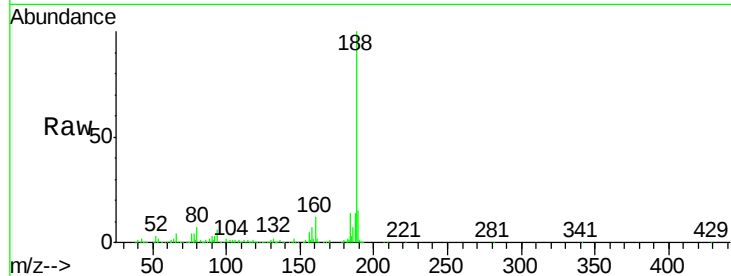
Tgt Ion:188 Resp: 1105819

Ion Ratio Lower Upper

188 100

94 6.4 8.7 13.1#

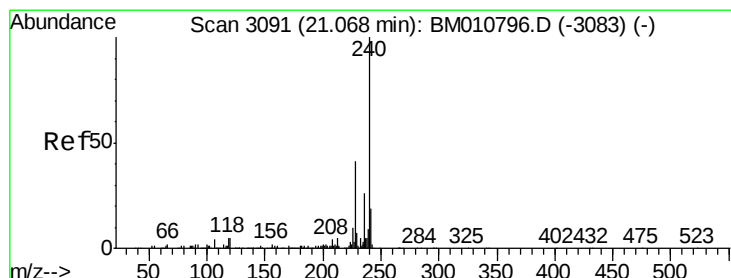
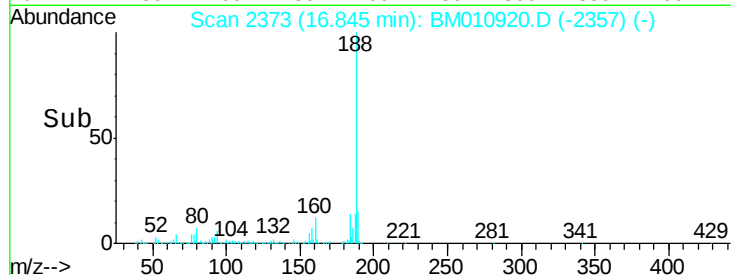
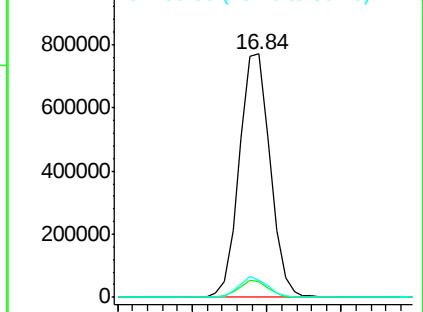
80 7.1 9.3 13.9#



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: BM010920.D

Acq: 20 Jul 2017 22:05

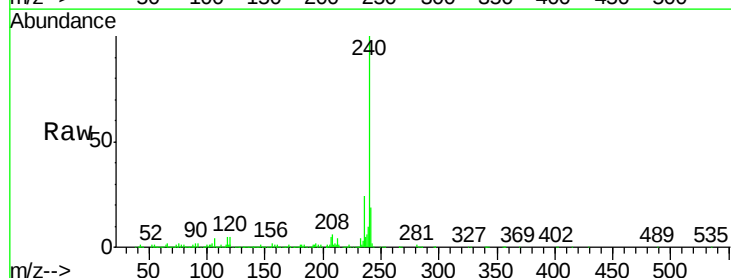
Tgt Ion:240 Resp: 1324504

Ion Ratio Lower Upper

240 100

120 4.8 8.2 12.2#

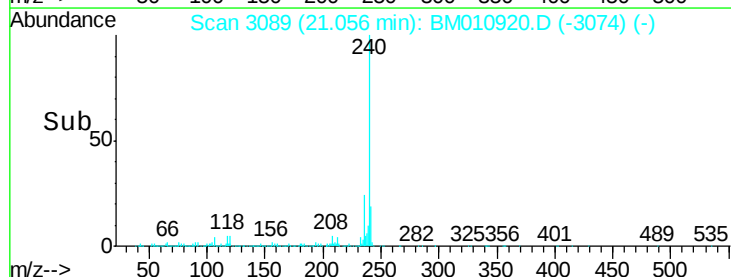
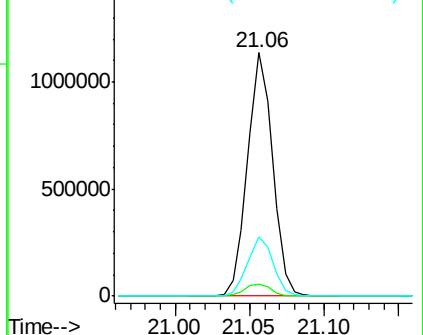
236 24.4 20.0 30.0

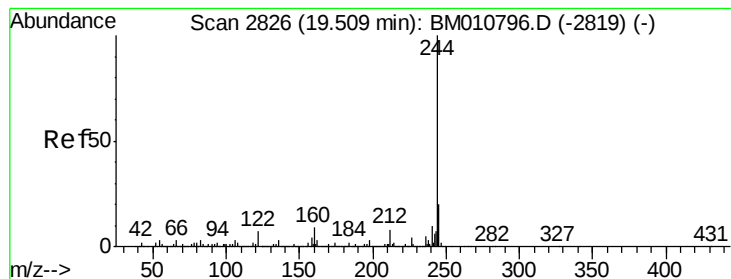


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 85.24 ng

RT: 19.50 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM010920.D

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ClientSampleId :

HDD-P1LWC2

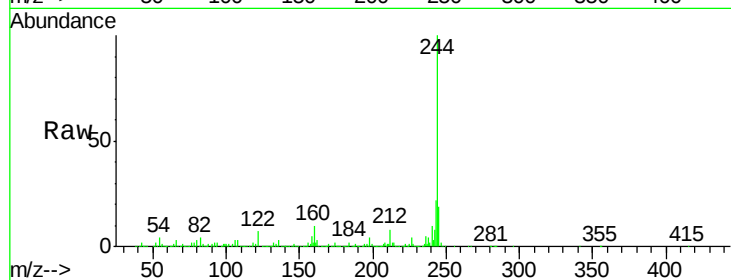
Tgt Ion:244 Resp: 5837212

Ion Ratio Lower Upper

244 100

212 8.4 4.9 7.3#

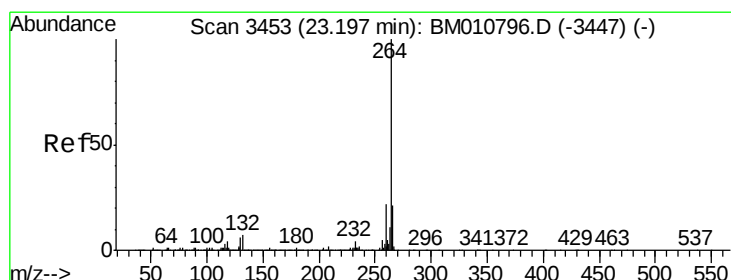
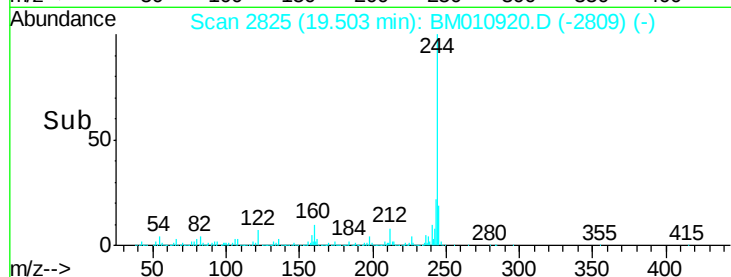
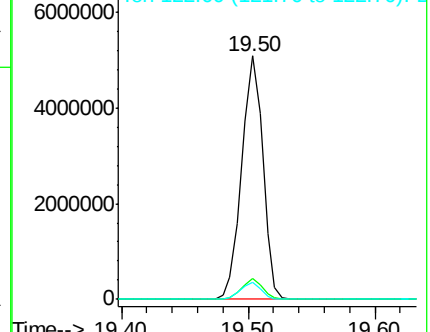
122 7.0 6.2 9.4



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: BM010920.D

Acq: 20 Jul 2017 22:05

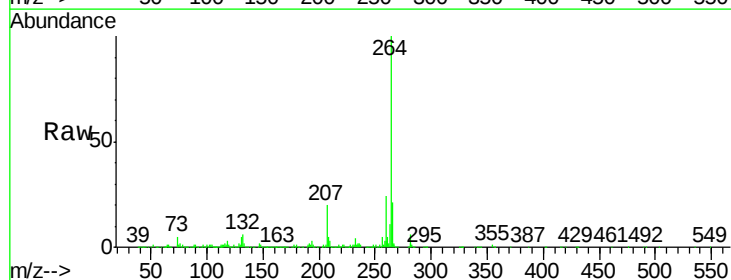
Tgt Ion:264 Resp: 1063421

Ion Ratio Lower Upper

264 100

260 24.3 18.6 27.8

265 21.3 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

