

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072017\
 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

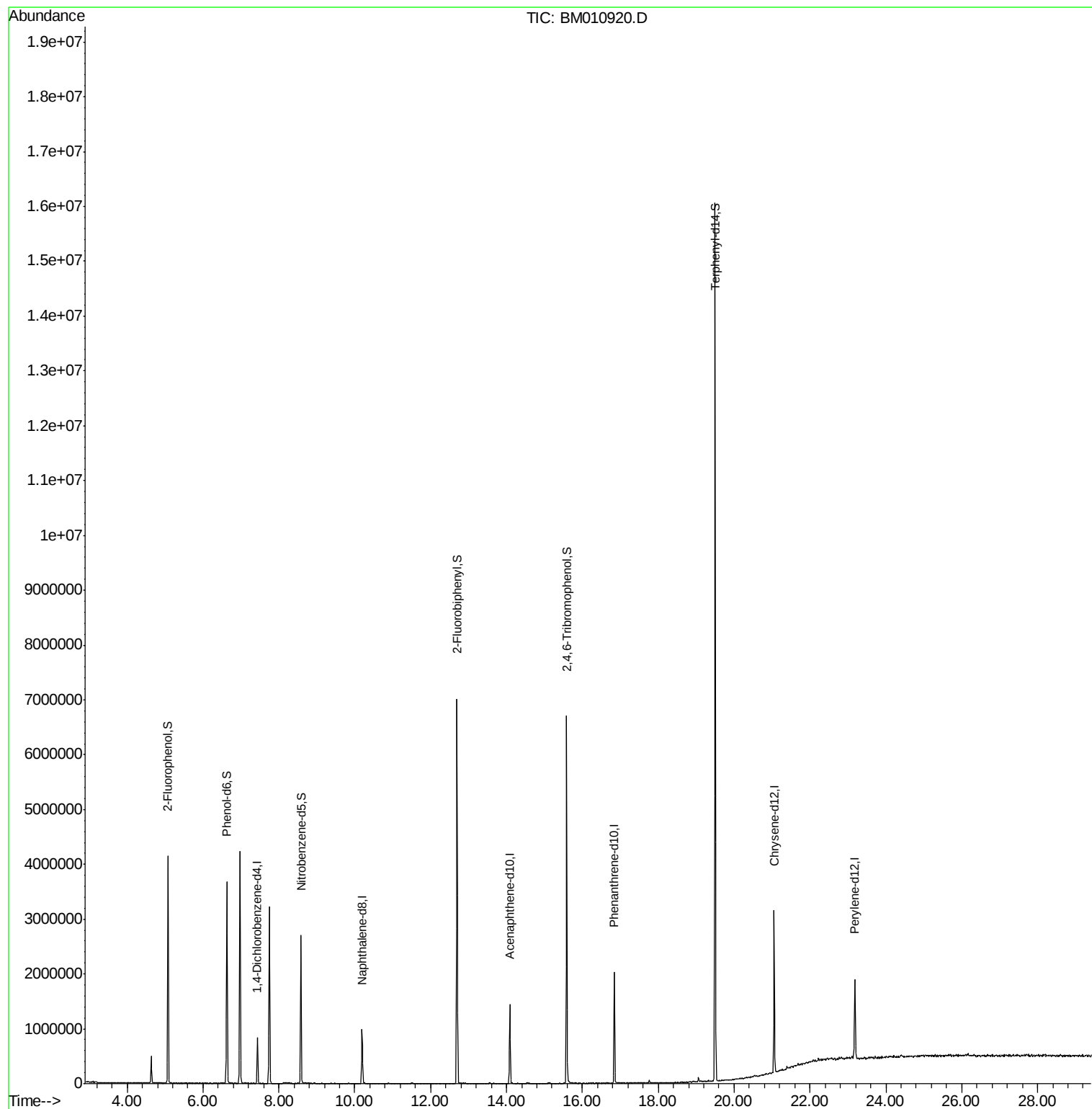
Target Compounds Qvalue

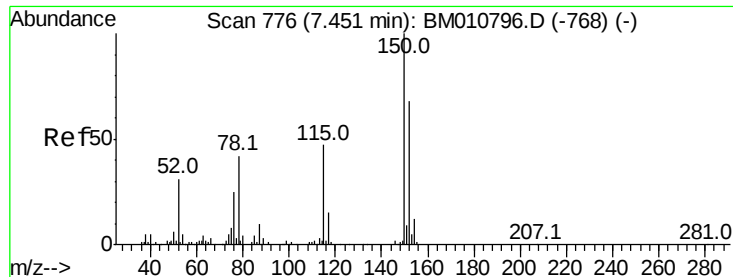
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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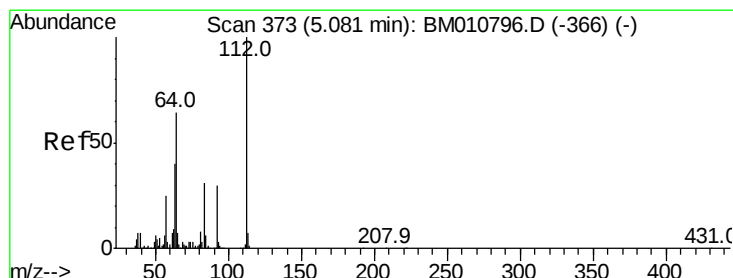
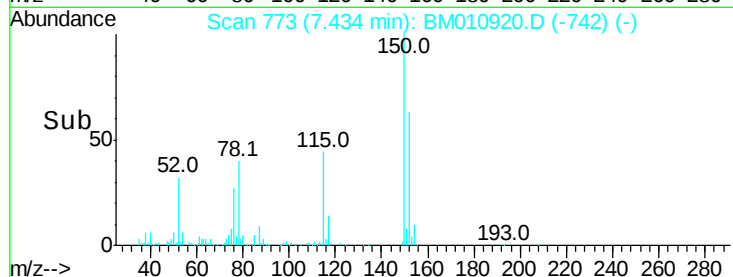
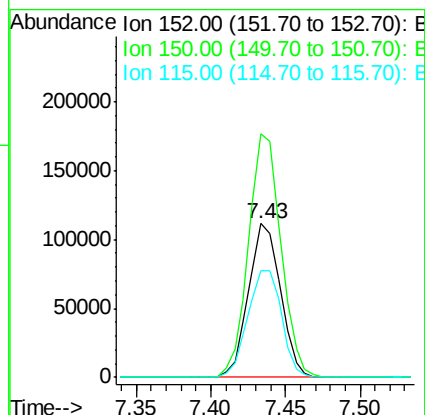
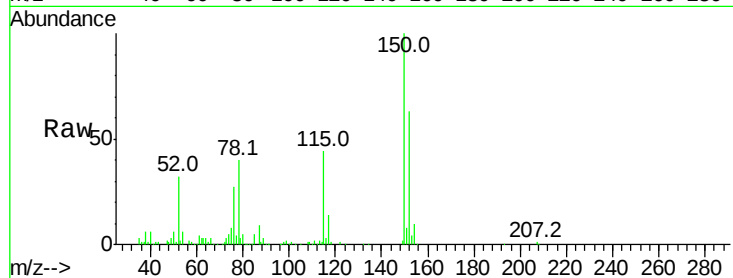


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.43 min Scan# 773
Delta R.T. -0.02 min
Lab File: BM010920.D
Acq: 20 Jul 2017 22:05

Instrument :
BNA_M
ClientSampleId :
HDD-P1LWC2

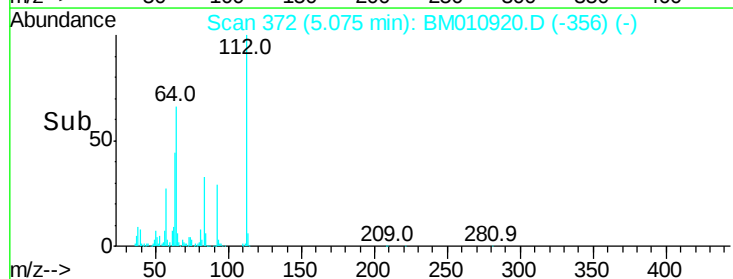
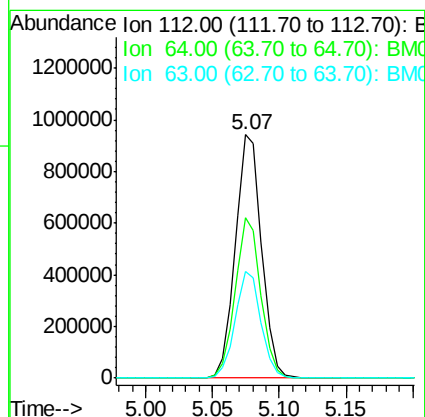
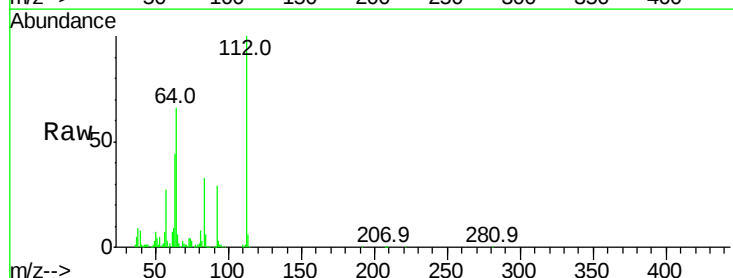
Tot Ion:152 Resp: 165226
Ion Ratio Lower Upper
152 100
150 158.1 119.5 179.3
115 69.3 43.0 64.4#

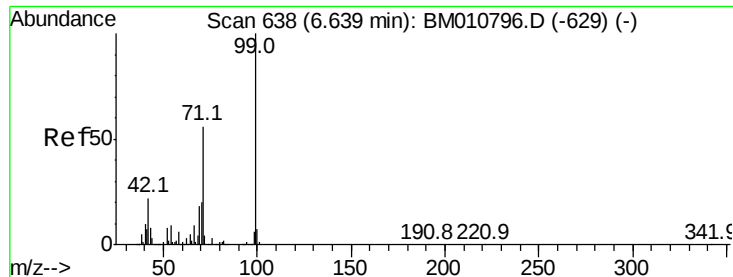


#5

2-Fluorophenol
Concen: 128.941 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#





#7

Phenol-d6

Concen: 116.120 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM010920.D

Acq: 20 Jul 2017 22:05

Instrument :

BNA_M

ClientSampleId :

HDD-P1LWC2

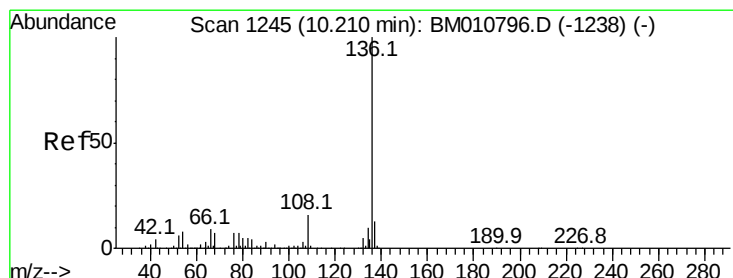
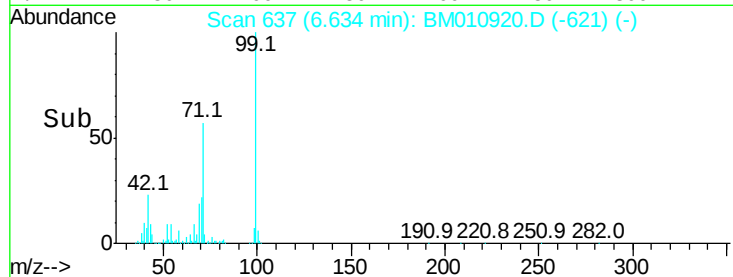
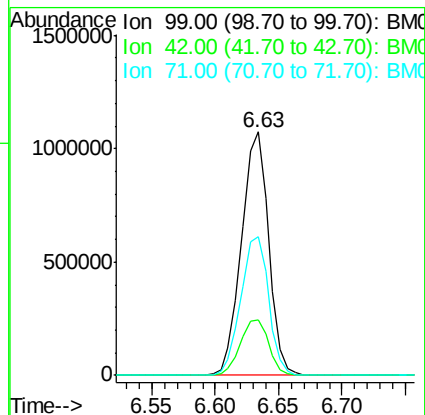
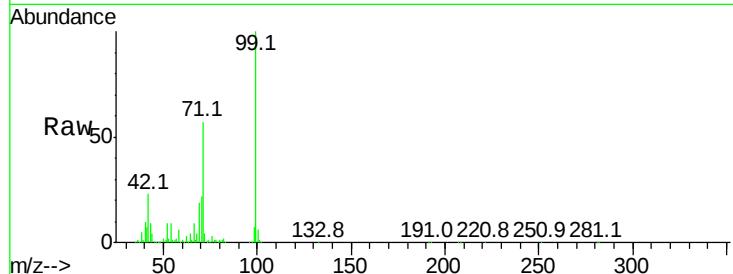
Tot Ion: 99 Resp: 1596732

Ion Ratio Lower Upper

99 100

42 22.8 11.0 16.4#

71 57.0 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 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

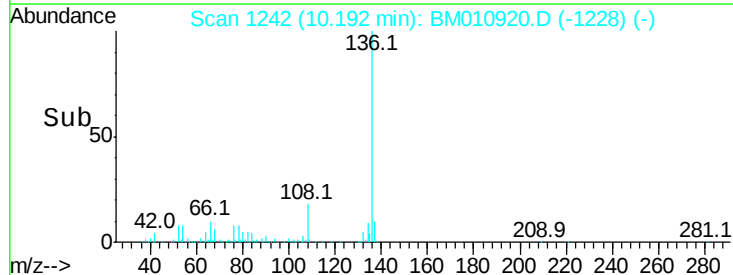
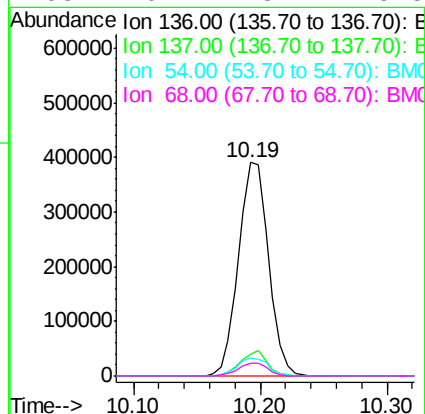
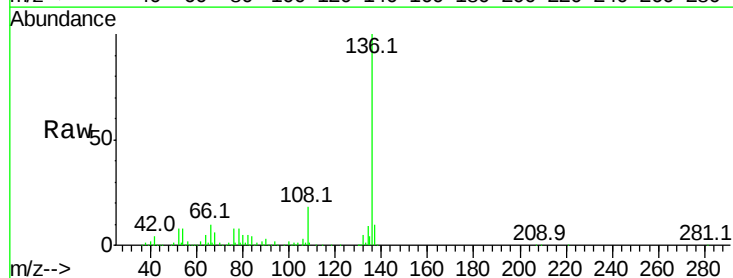
Ion Ratio Lower Upper

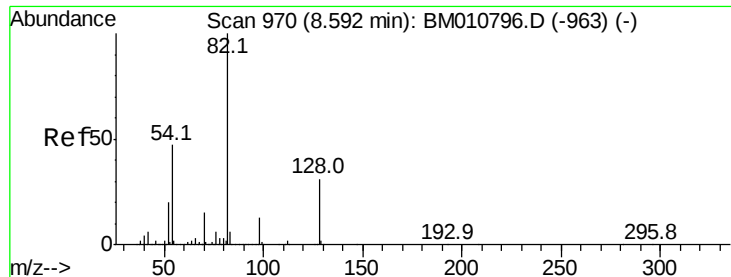
136 100

137 10.1 8.7 13.1

54 8.5 4.6 6.8#

68 6.1 3.7 5.5#

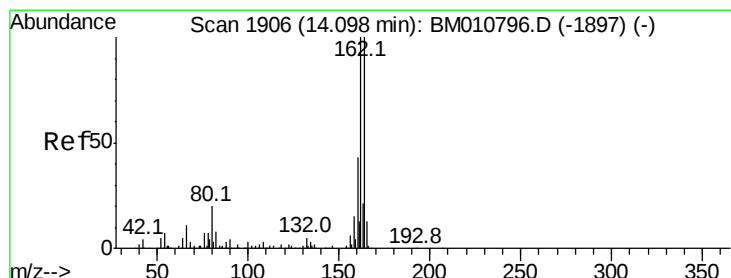
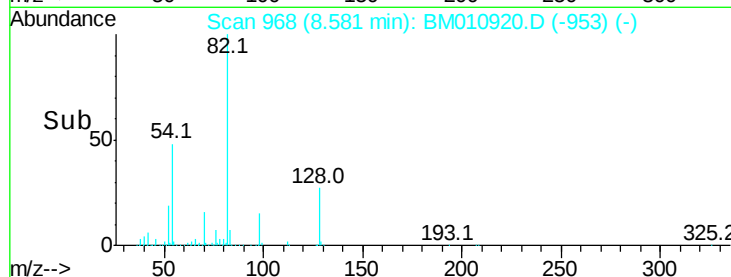
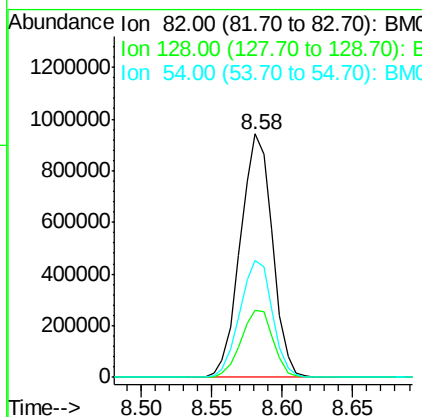
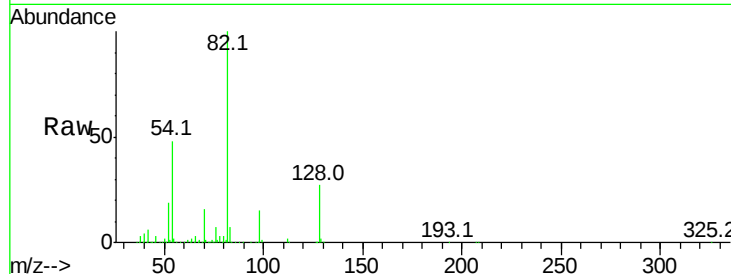




#23
Nitrobenzene-d5
Concen: 89.504 ng
RT: 8.58 min Scan# 968
Delta R.T. -0.01 min
Lab File: BM010920.D
Acq: 20 Jul 2017 22:05

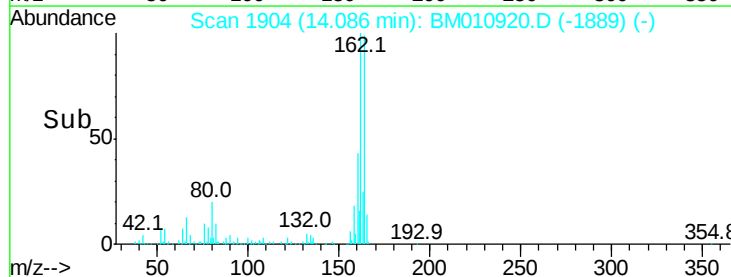
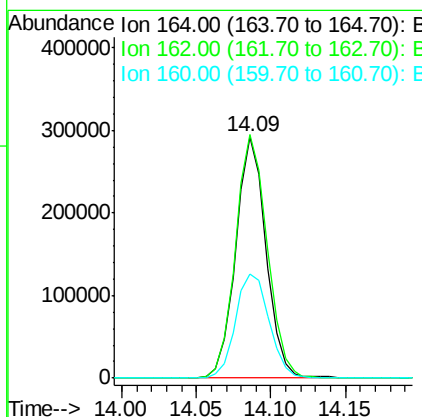
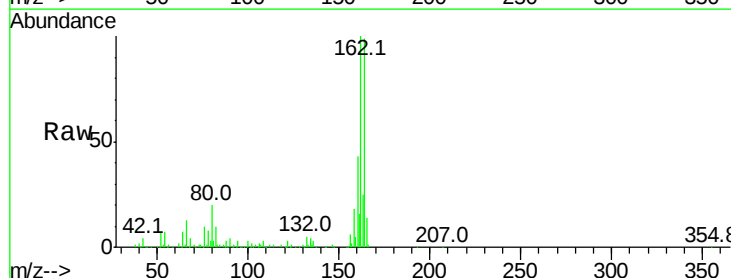
Instrument :
BNA_M
ClientSampleId :
HDD-P1LWC2

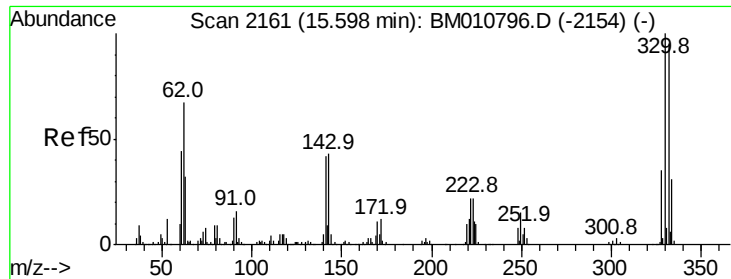
Tot Ion: 82 Resp: 1495738
Ion Ratio Lower Upper
82 100
128 27.3 32.8 49.2#
54 48.2 40.6 60.8



#38
Acenaphthene-d10
Concen: 20.000 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

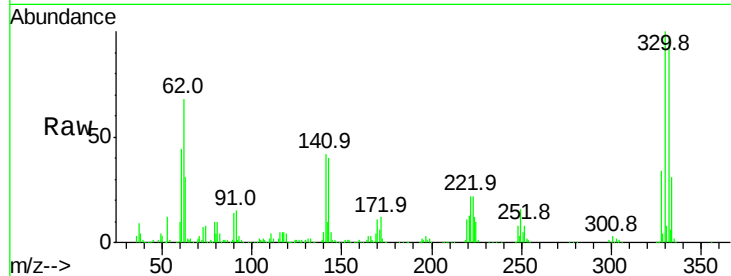




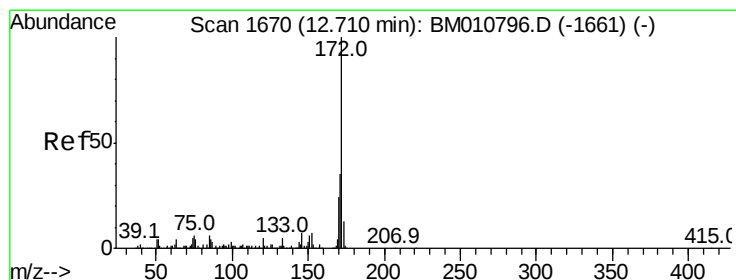
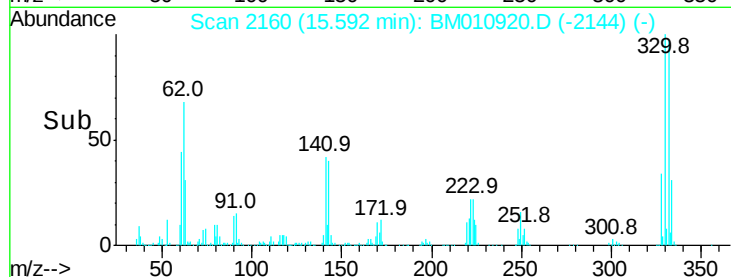
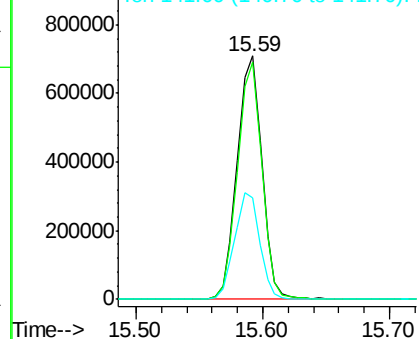
#41
 2,4,6-Tribromophenol
 Concen: 151.896 ng
 RT: 15.59 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BM010920.D
 Acq: 20 Jul 2017 22:05

Instrument :
 BNA_M
 ClientSampleId :
 HDD-P1LWC2

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

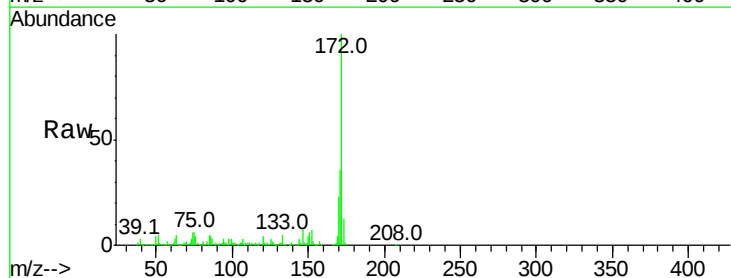


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

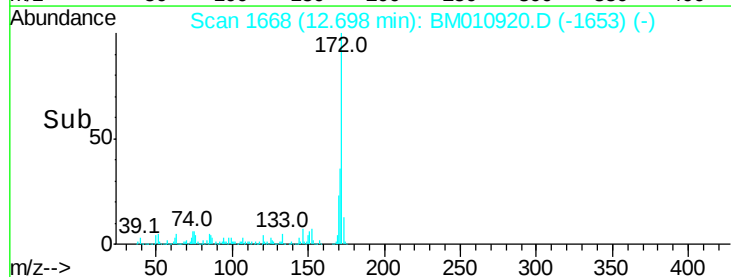
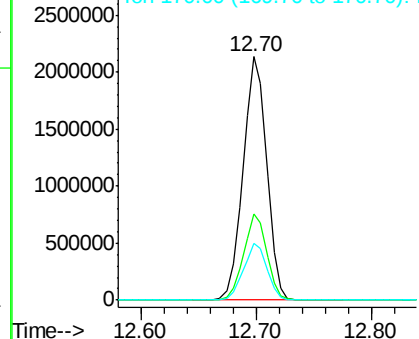


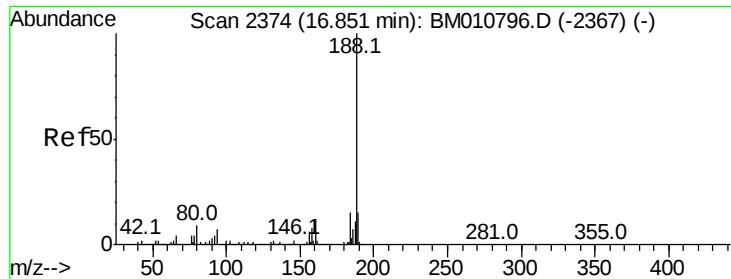
#44
 2-Fluorobiphenyl
 Concen: 90.792 ng
 RT: 12.70 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM010920.D
 Acq: 20 Jul 2017 22:05

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

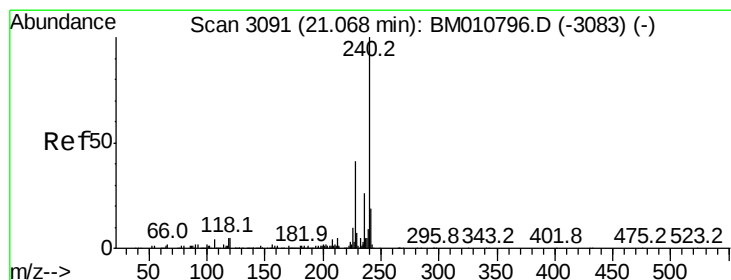
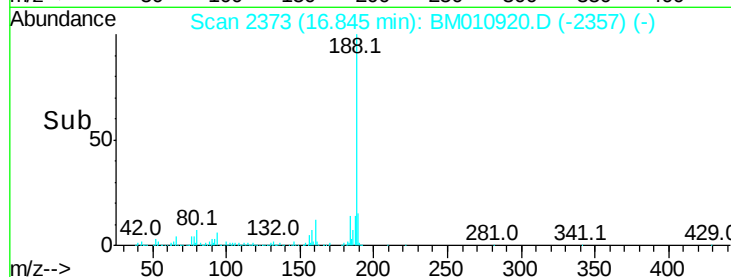
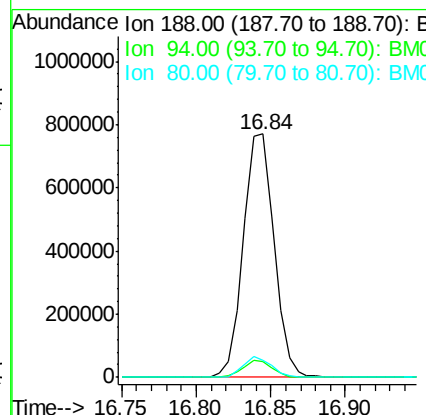
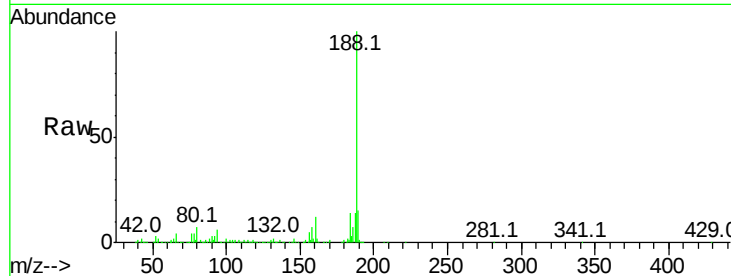




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.84 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BM010920.D
Acq: 20 Jul 2017 22:05

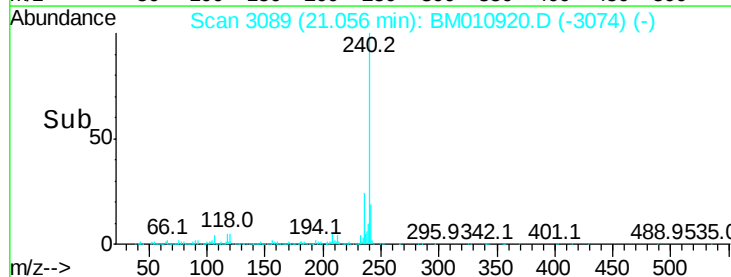
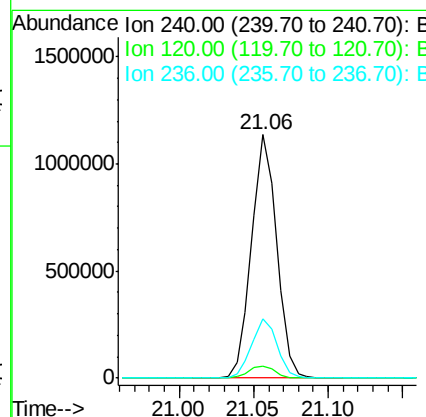
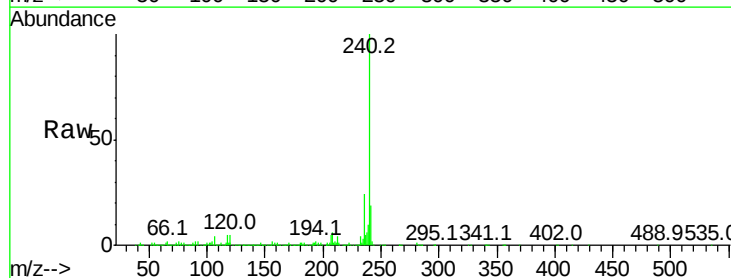
Instrument :
BNA_M
ClientSampleId :
HDD-P1LWC2

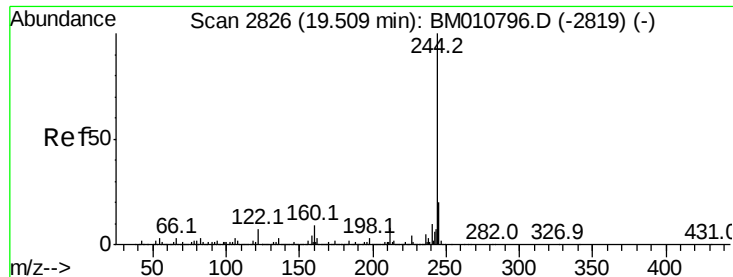
Tot Ion:188 Resp: 1105819
Ion Ratio Lower Upper
188 100
94 6.4 8.7 13.1#
80 7.1 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 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





#78

Terphenyl-d14

Concen: 85.238 ng

RT: 19.50 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM010920.D

Acq: 20 Jul 2017 22:05

Instrument :

BNA_M

ClientSampleId :

HDD-P1LWC2

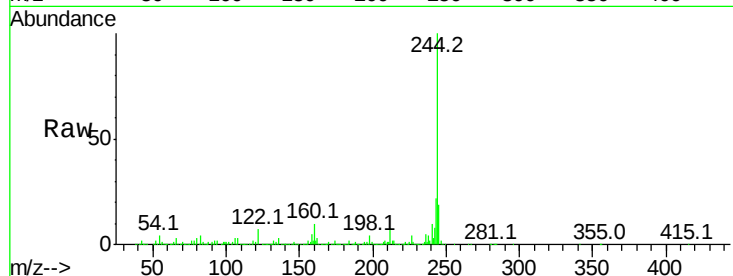
Tot Ion:244 Resp: 5837212

Ion Ratio Lower Upper

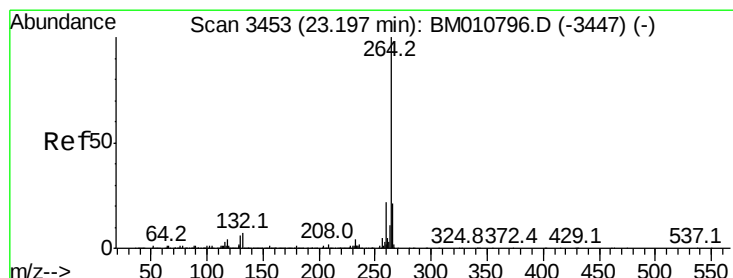
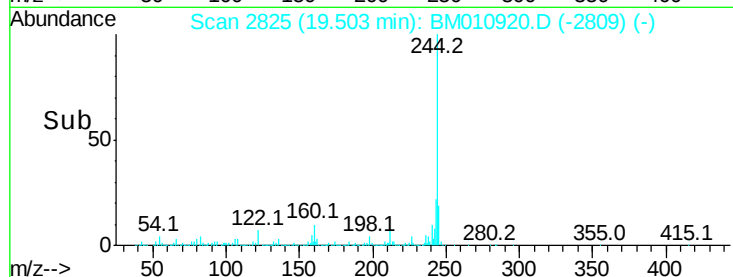
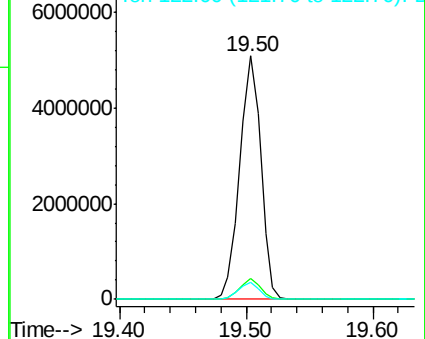
244 100

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: 20.000 ng

RT: 23.19 min Scan# 3451

Delta R.T. -0.01 min

Lab File: BM010920.D

Acq: 20 Jul 2017 22:05

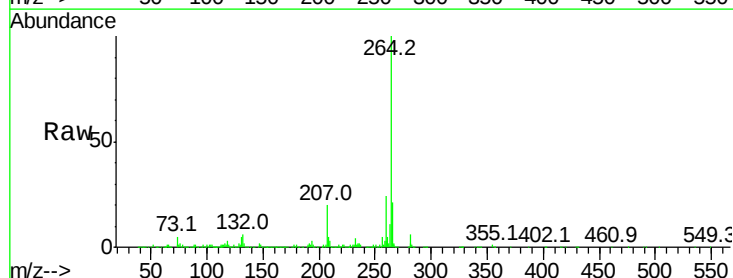
Tgt Ion:264 Resp: 1063421

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

