

Data File : BM010911.D
Acq On : 20 Jul 2017 16:37
Operator : SJ/JU
Sample : PB100784BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Jul 21 03:18:17 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	7.44	152	245460	20.00	ng	-0.01
21) Naphthalene-d8	10.20	136	926211	20.00	ng	-0.01
38) Acenaphthene-d10	14.09	164	593474	20.00	ng	-0.01
63) Phenanthrene-d10	16.85	188	1482925	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1468201	20.00	ng	-0.01
86) Perylene-d12	23.19	264	1084923	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1944243	131.21	ng	0.00
7) Phenol-d6	6.63	99	2622707	128.39	ng	0.00
23) Nitrobenzene-d5	8.59	82	2007519	83.31	ng	0.00
41) 2,4,6-Tribromophenol	15.59	330	1209436	133.35	ng	0.00
44) 2-Fluorobiphenyl	12.70	172	4123821	86.44	ng	0.00
78) Terphenyl-d14	19.50	244	6280049	82.73	ng	0.00

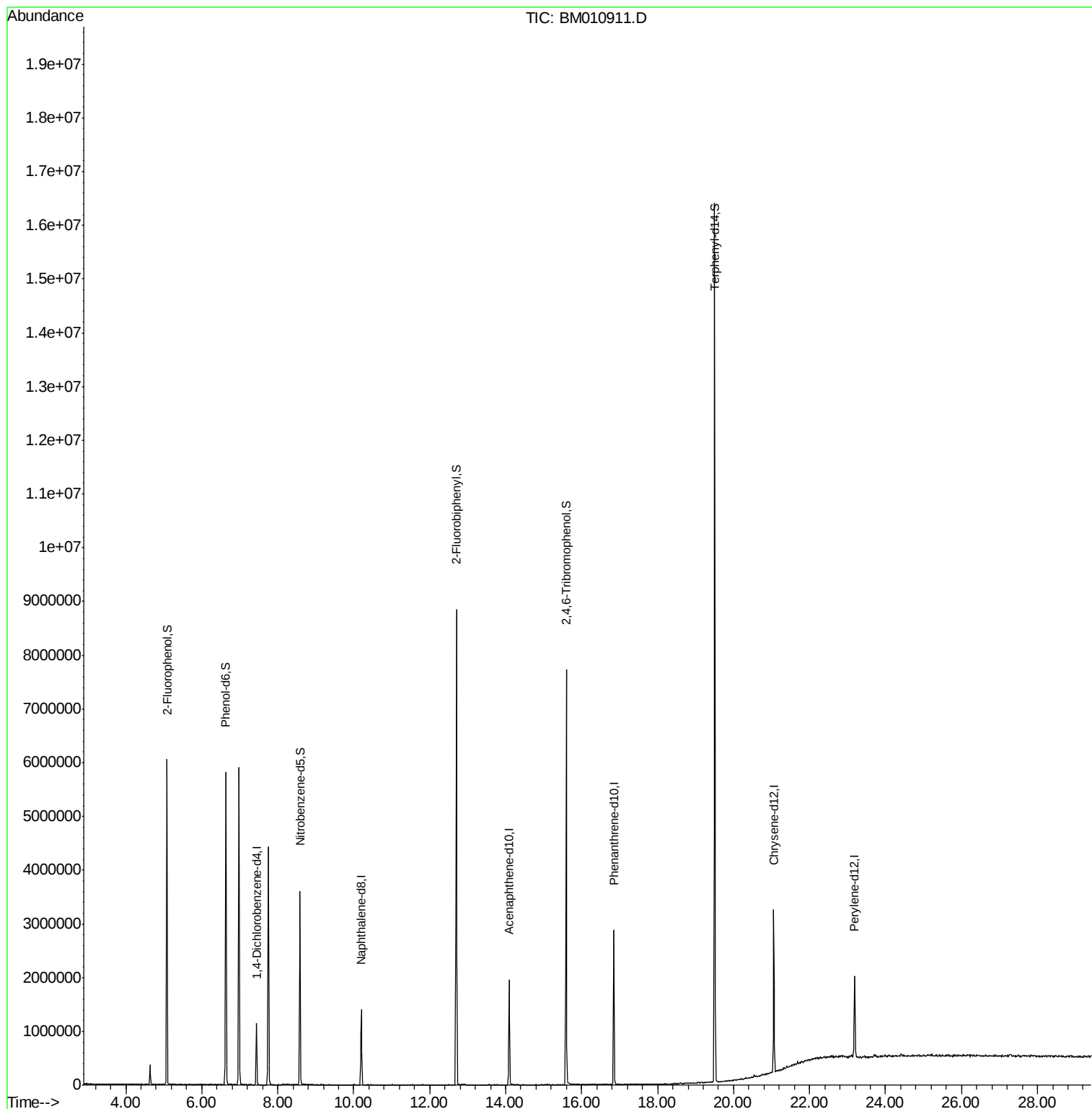
Target Compounds Qvalue

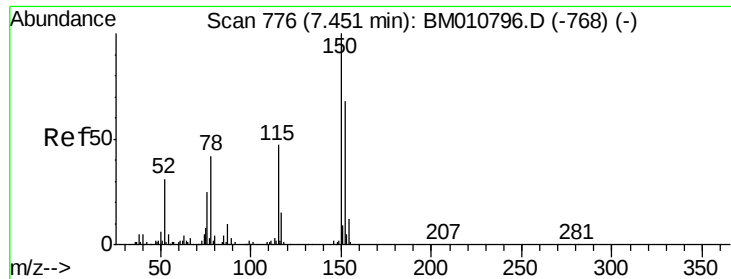
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.44 min Scan# 774

Delta R.T. -0.01 min

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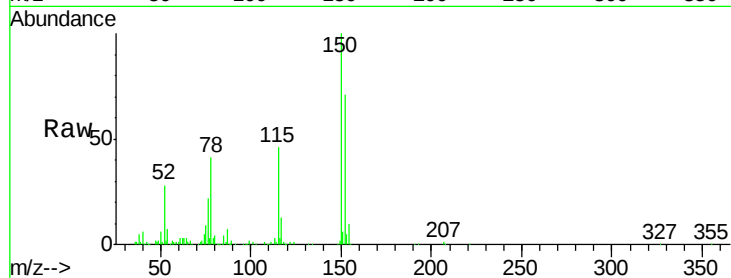
Tgt Ion:152 Resp: 245460

Ion Ratio Lower Upper

152 100

150 141.0 119.5 179.3

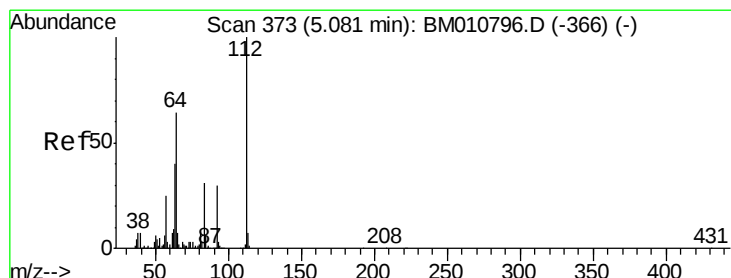
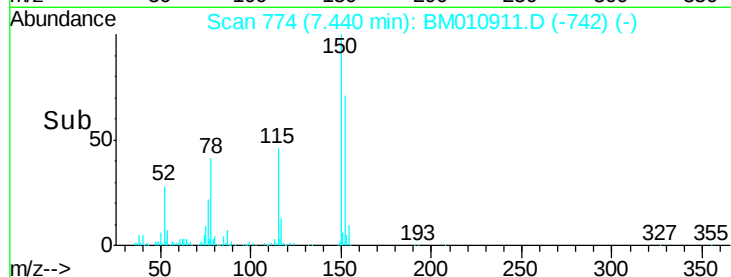
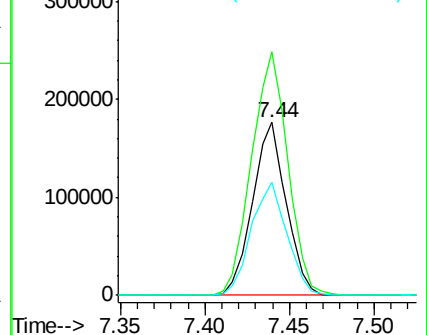
115 65.4 43.0 64.4#



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: 131.21 ng

RT: 5.08 min Scan# 373

Delta R.T. 0.00 min

Lab File: BM010911.D

Acq: 20 Jul 2017 16:37

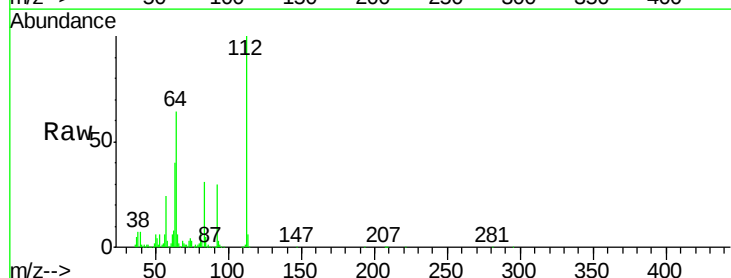
Tgt Ion:112 Resp: 1944243

Ion Ratio Lower Upper

112 100

64 63.9 38.6 57.8#

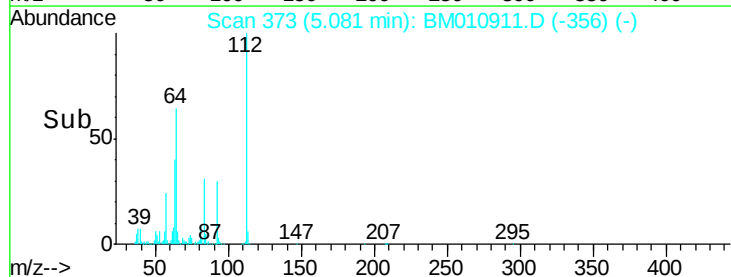
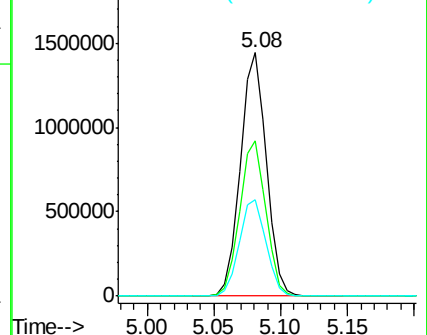
63 39.7 19.3 28.9#

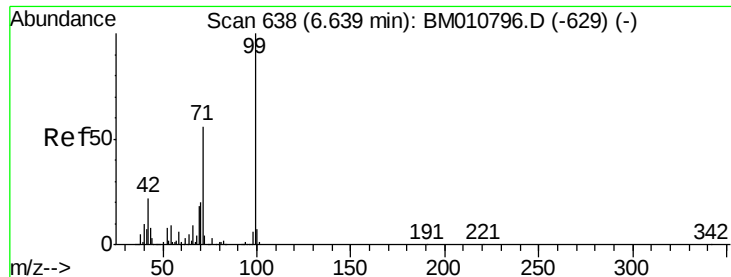


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 128.39 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

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Acq: 20 Jul 2017 16:37

Instrument :

BNA_M

ClientSampleId :

DFTPP

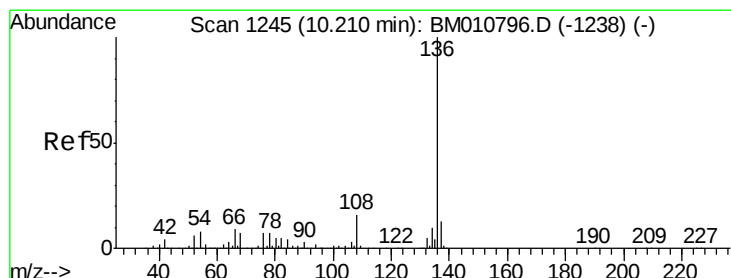
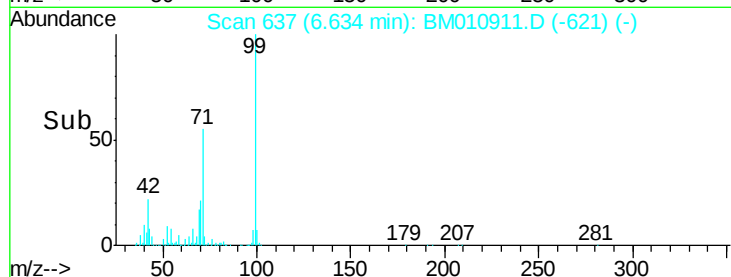
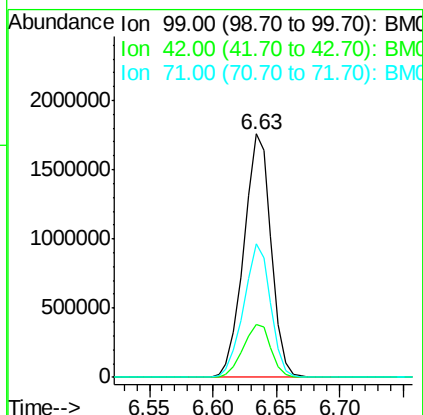
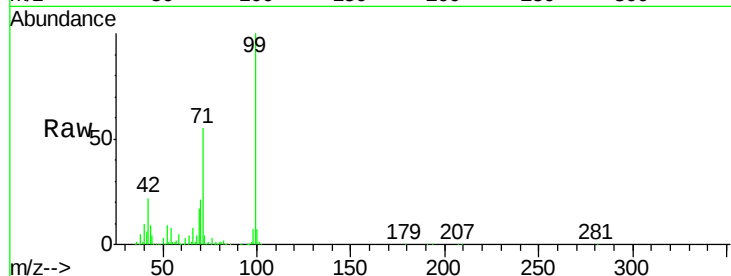
Tgt Ion: 99 Resp: 2622707

Ion Ratio Lower Upper

99 100

42 21.8 11.0 16.4#

71 54.6 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.20 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BM010911.D

Acq: 20 Jul 2017 16:37

Tgt Ion: 136 Resp: 926211

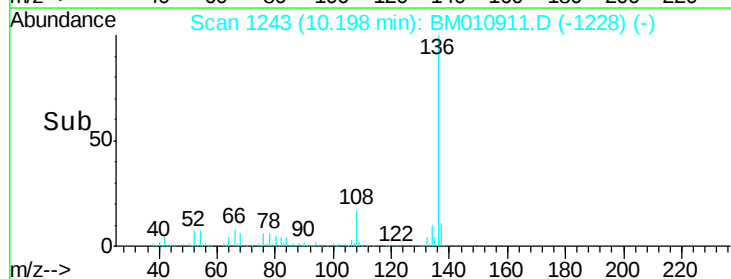
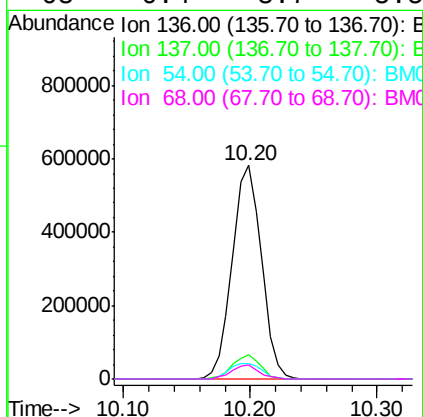
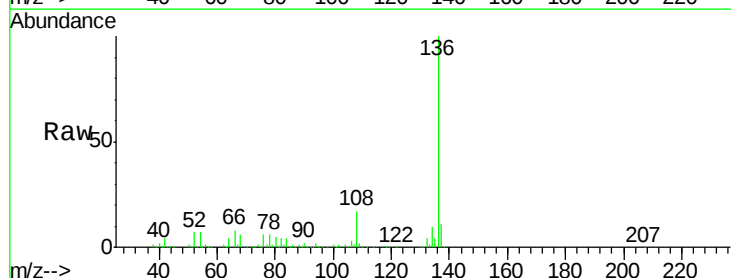
Ion Ratio Lower Upper

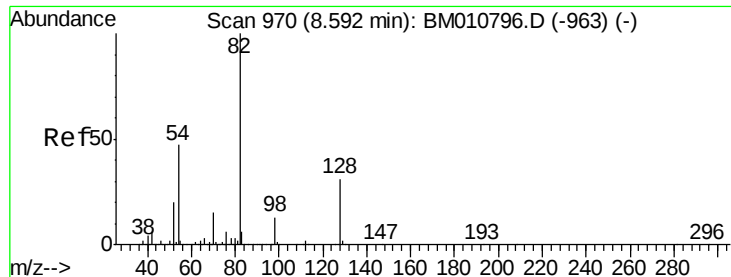
136 100

137 11.5 8.7 13.1

54 7.0 4.6 6.8#

68 6.4 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 83.31 ng

RT: 8.59 min Scan# 969

Delta R.T. -0.01 min

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Instrument :

BNA_M

ClientSampleId :

DFTPP

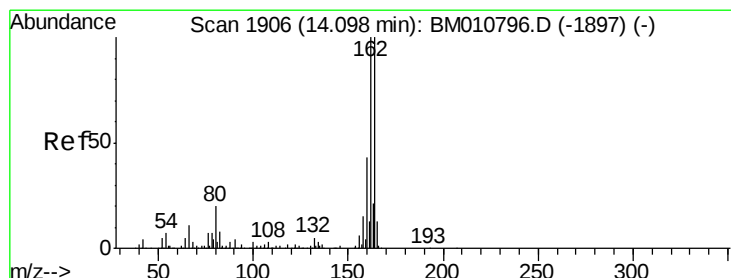
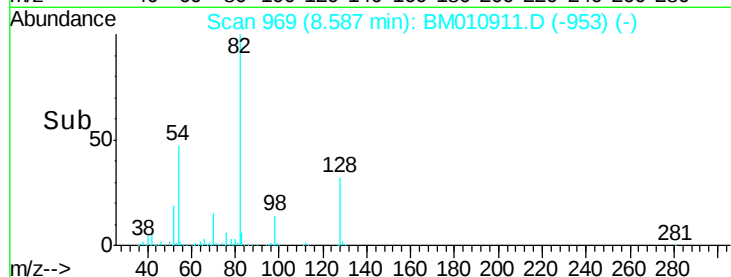
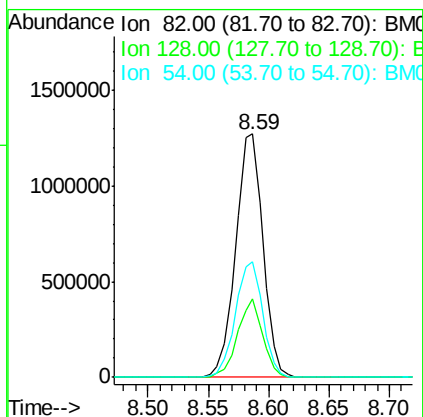
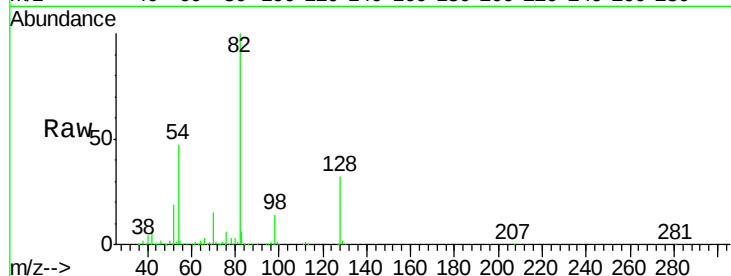
Tgt Ion: 82 Resp: 2007519

Ion Ratio Lower Upper

82 100

128 32.0 32.8 49.2#

54 47.5 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: BM010911.D

Acq: 20 Jul 2017 16:37

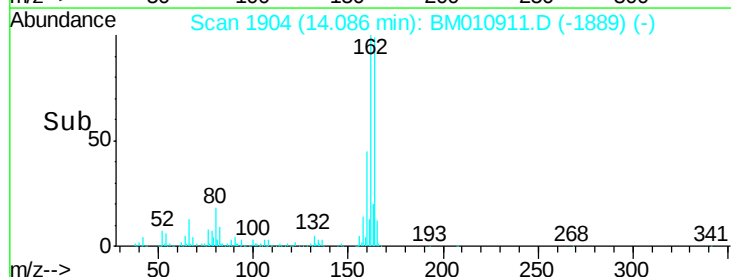
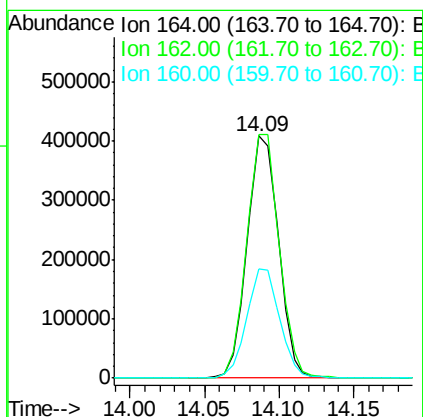
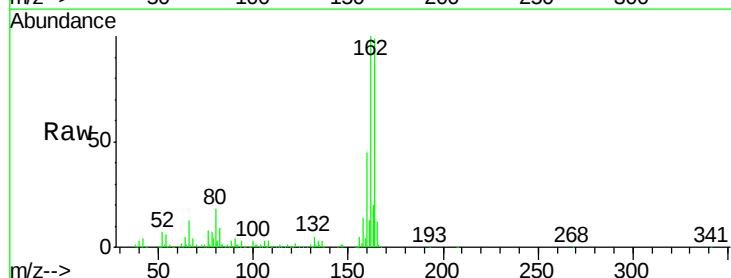
Tgt Ion: 164 Resp: 593474

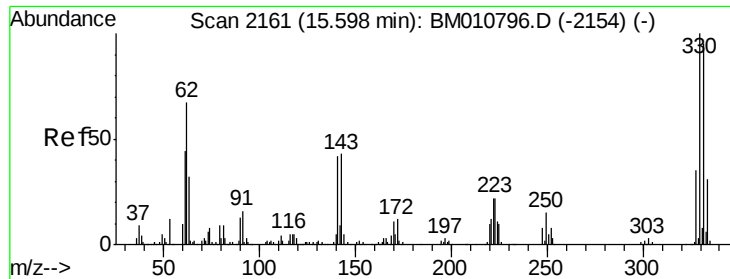
Ion Ratio Lower Upper

164 100

162 100.7 82.4 123.6

160 45.4 35.8 53.6

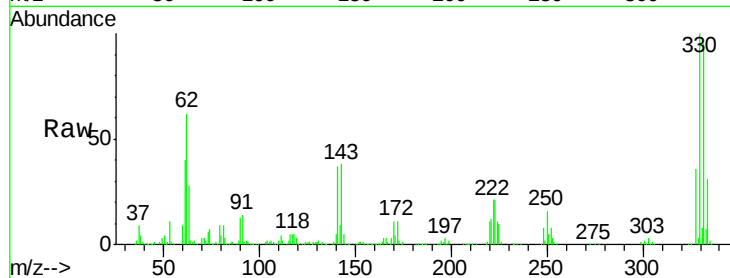




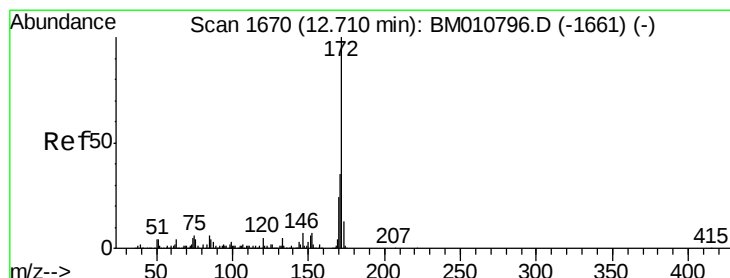
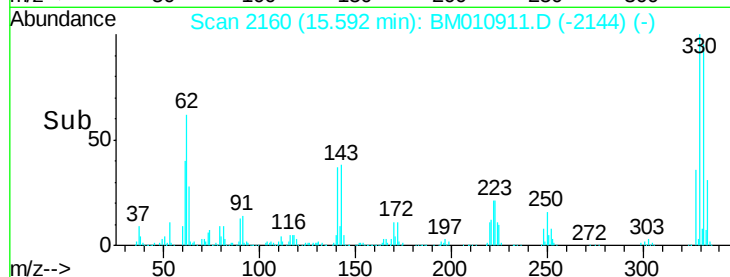
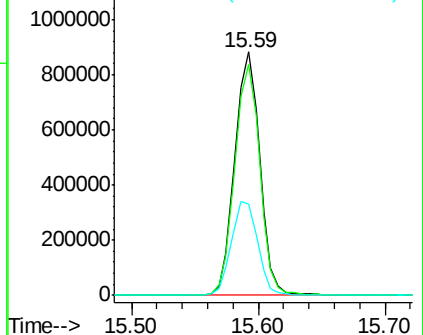
#41
 2,4,6-Tribromophenol
 Concen: 133.35 ng
 RT: 15.59 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BM010911.D
 Acq: 20 Jul 2017 16:37

Instrument :
 BNA_M
 ClientSampleId :
 DFTPP

Tgt Ion:330 Resp: 1209436
 Ion Ratio Lower Upper
 330 100
 332 94.8 0.0 0.0#
 141 40.4 0.0 0.0#

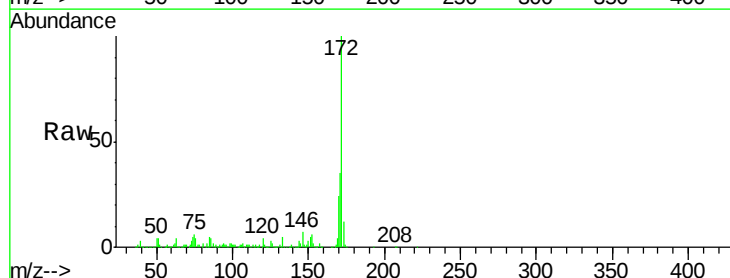


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

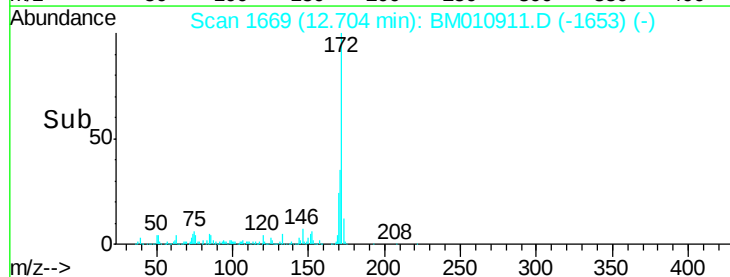
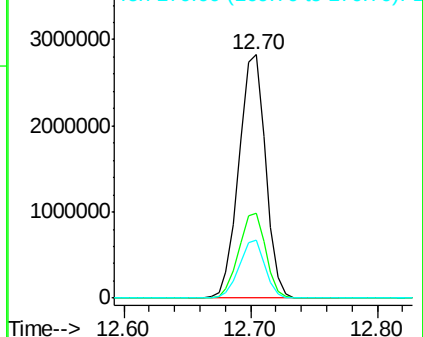


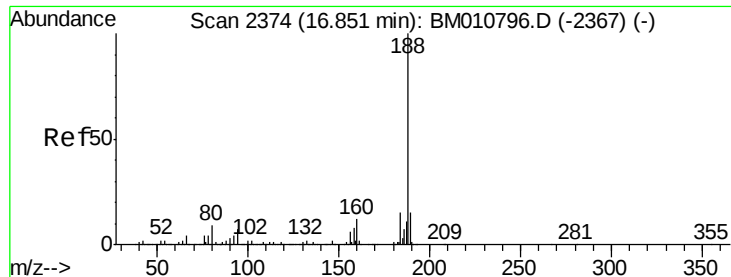
#44
 2-Fluorobiphenyl
 Concen: 86.44 ng
 RT: 12.70 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM010911.D
 Acq: 20 Jul 2017 16:37

Tgt Ion:172 Resp: 4123821
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.5 42.7
 170 23.6 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

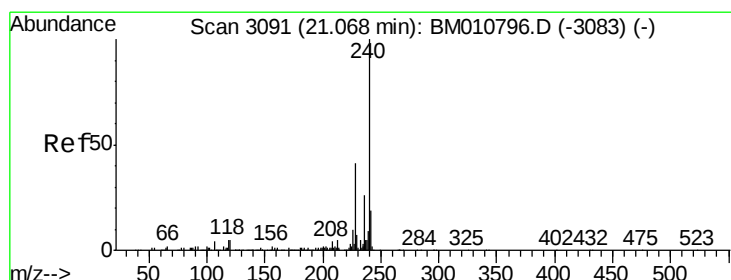
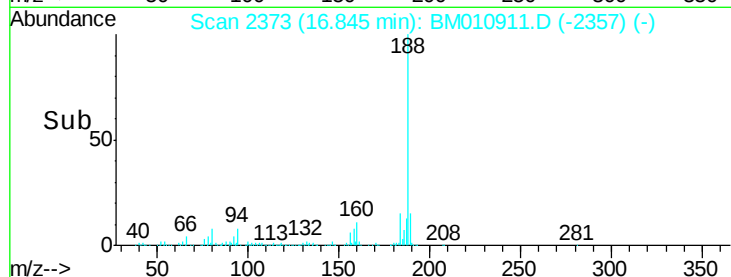
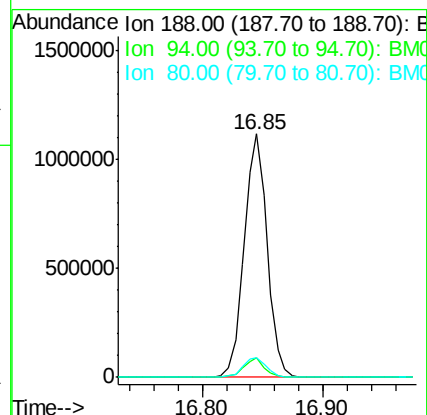
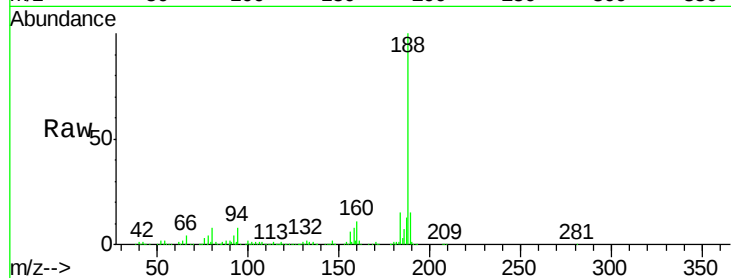




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.85 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BM010911.D
Acq: 20 Jul 2017 16:37

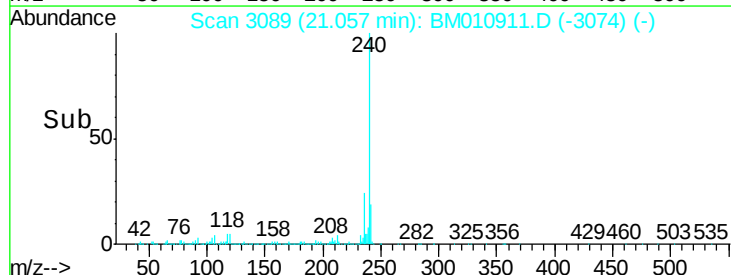
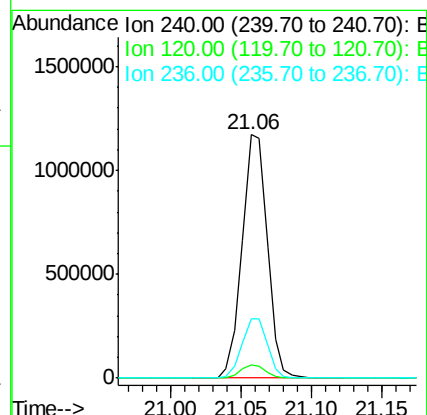
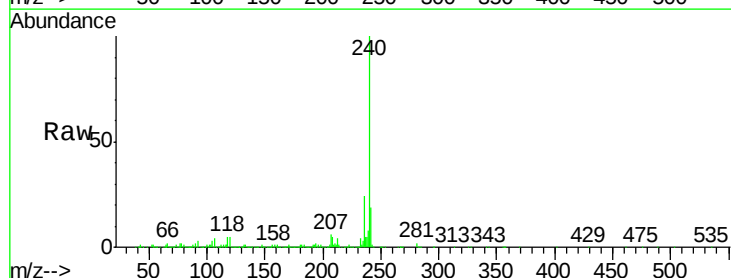
Instrument :
BNA_M
ClientSampleId :
DFTPP

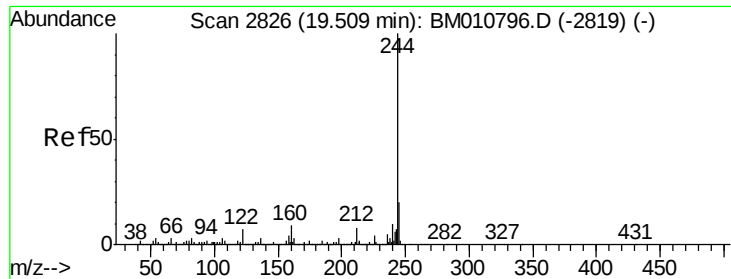
Tgt Ion:188 Resp: 1482925
Ion Ratio Lower Upper
188 100
94 8.2 8.7 13.1#
80 8.1 9.3 13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.06 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM010911.D
Acq: 20 Jul 2017 16:37

Tgt Ion:240 Resp: 1468201
Ion Ratio Lower Upper
240 100
120 5.4 8.2 12.2#
236 24.2 20.0 30.0





#78

Terphenyl-d14

Concen: 82.73 ng

RT: 19.50 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM010911.D

Acq: 20 Jul 2017 16:37

Instrument :

BNA_M

ClientSampleId :

DFTPP

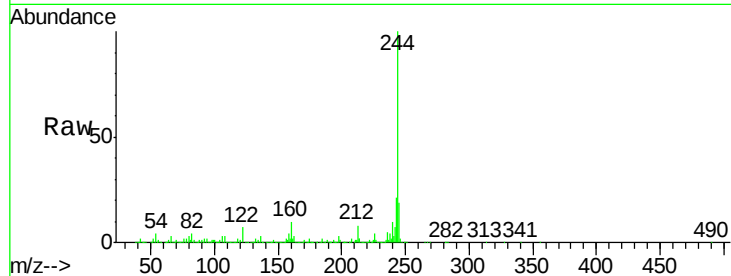
Tgt Ion:244 Resp: 6280049

Ion Ratio Lower Upper

244 100

212 8.4 4.9 7.3#

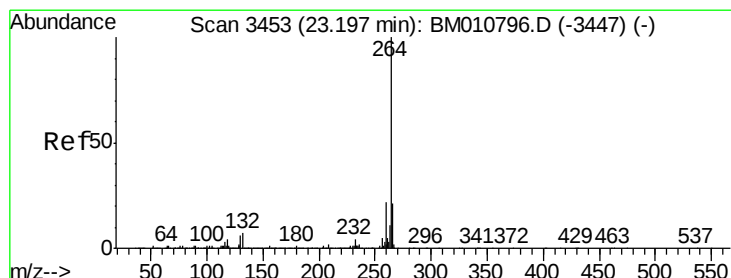
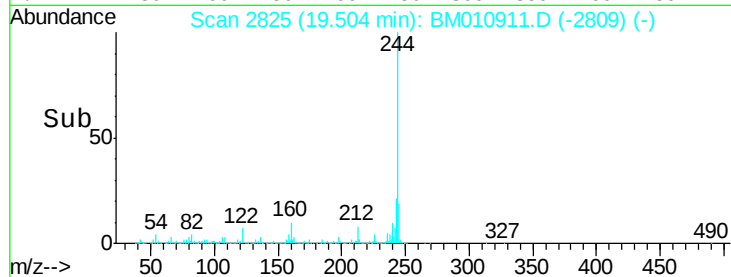
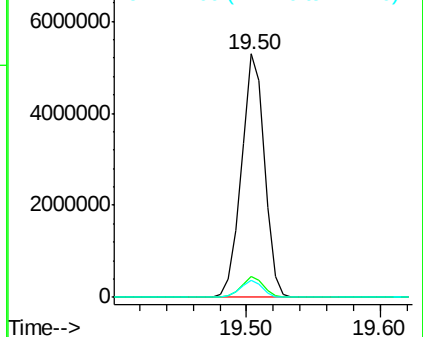
122 7.2 6.2 9.4



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: BM010911.D

Acq: 20 Jul 2017 16:37

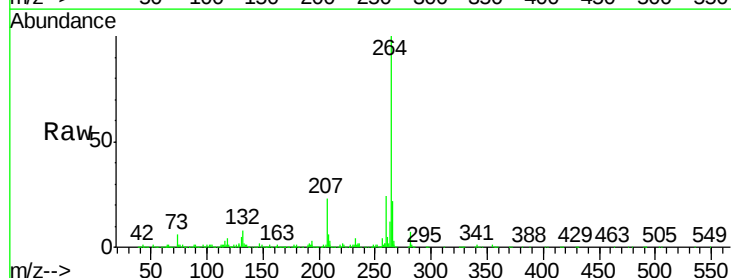
Tgt Ion:264 Resp: 1084923

Ion Ratio Lower Upper

264 100

260 24.1 18.6 27.8

265 21.7 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

