

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072017\
 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 :
 PB100784BL

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

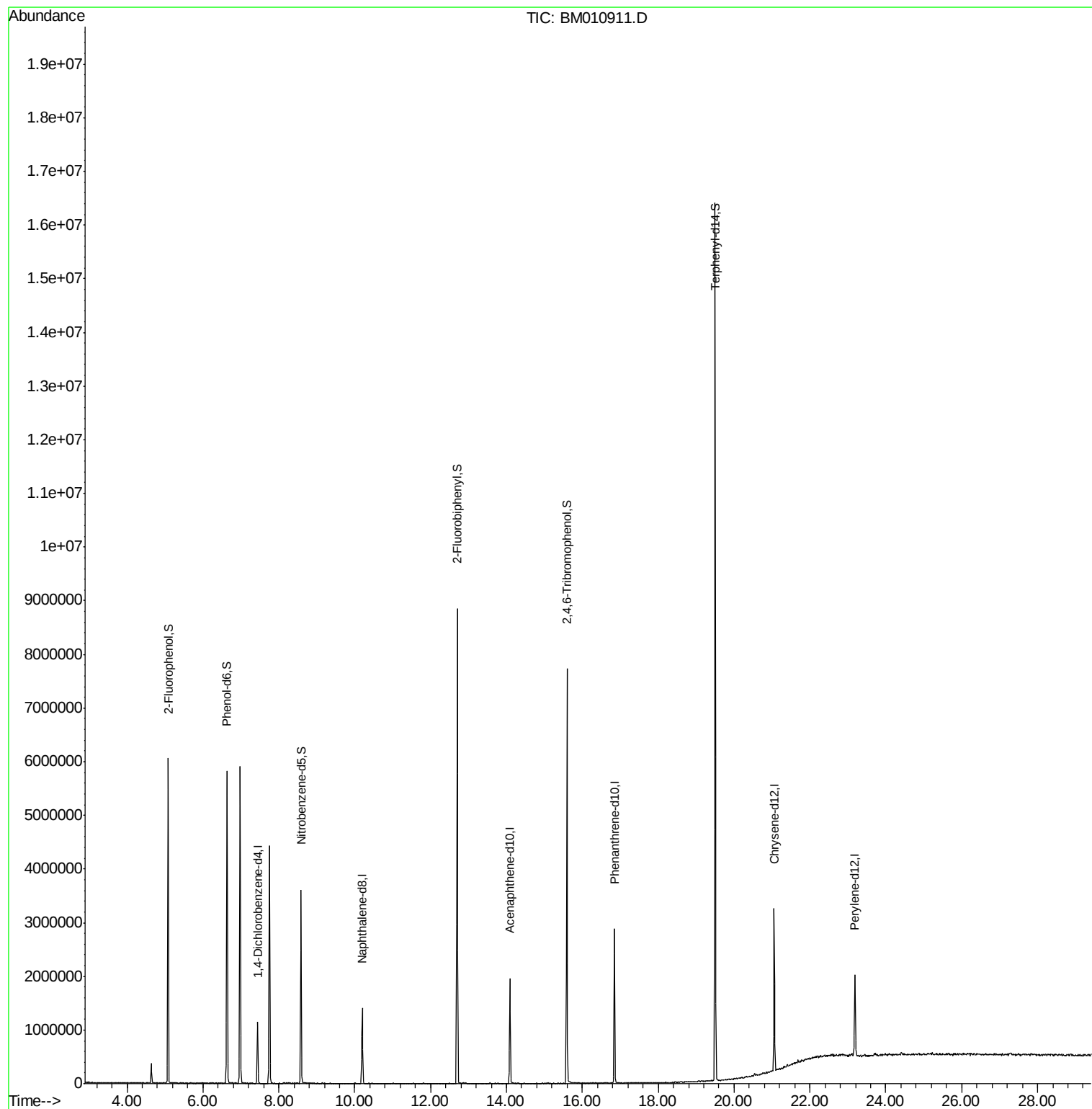
Target Compounds Qvalue

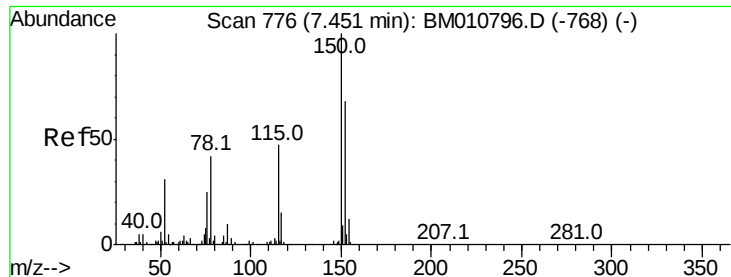
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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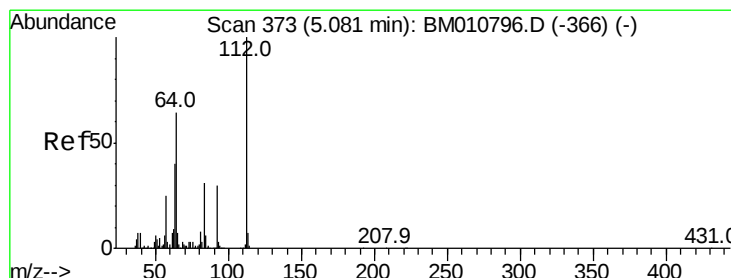
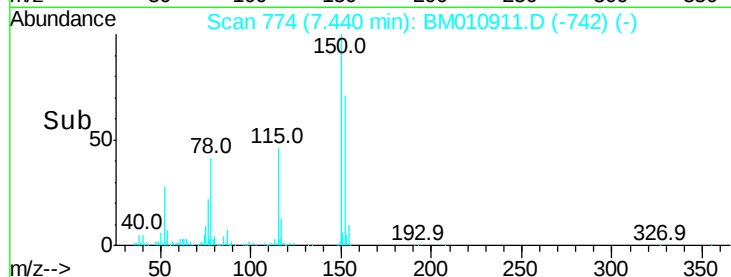
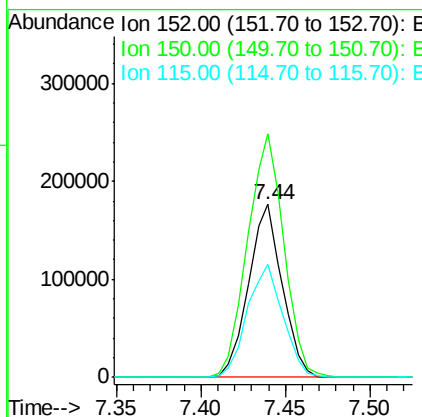
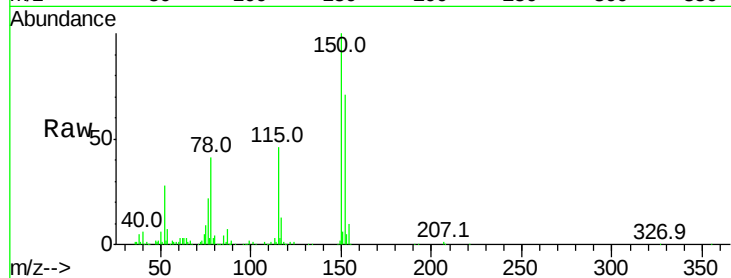


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM010911.D
Acq: 20 Jul 2017 16:37

Instrument :
BNA_M
ClientSampleId :
PB100784BL

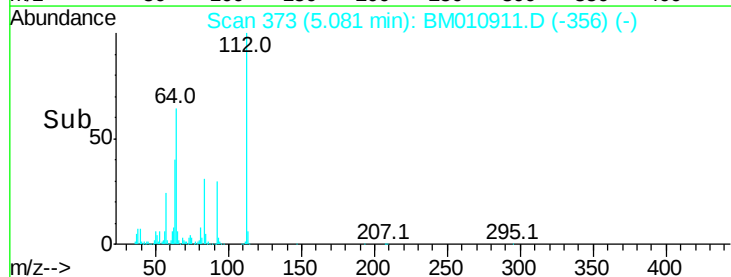
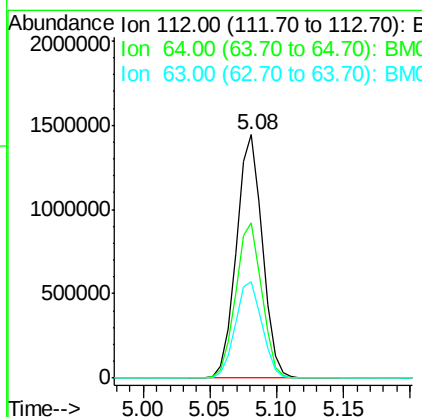
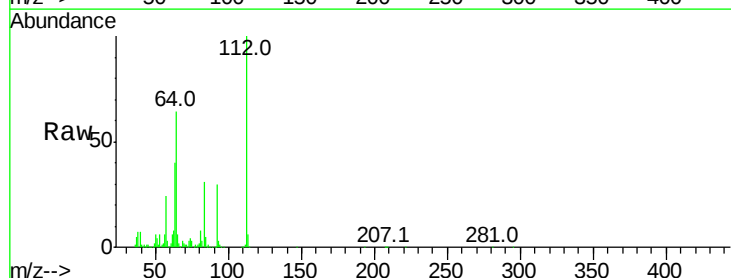
Tot Ion:152 Resp: 245460
Ion Ratio Lower Upper
152 100
150 141.0 119.5 179.3
115 65.4 43.0 64.4#

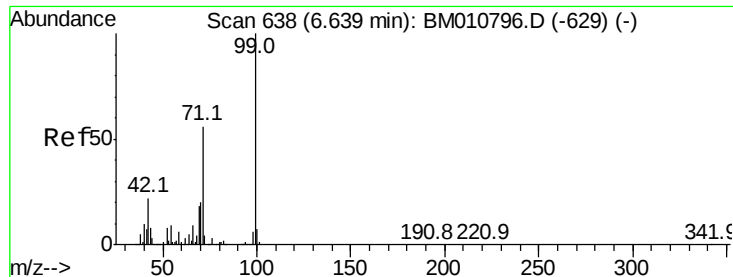


#5

2-Fluorophenol
Concen: 131.208 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#





#7

Phenol-d6

Concen: 128.388 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM010911.D

Acq: 20 Jul 2017 16:37

Instrument :

BNA_M

ClientSampleId :

PB100784BL

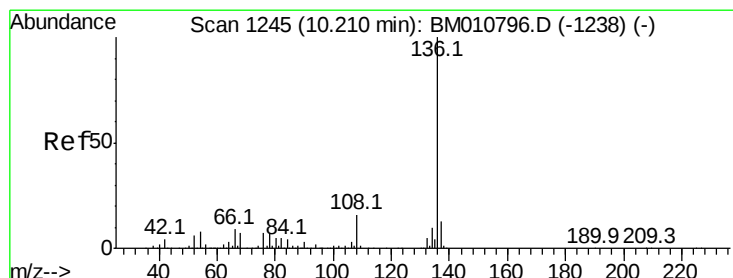
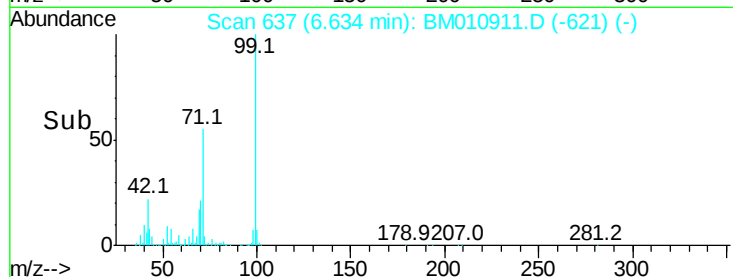
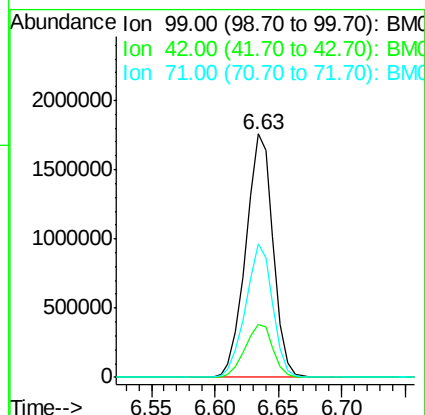
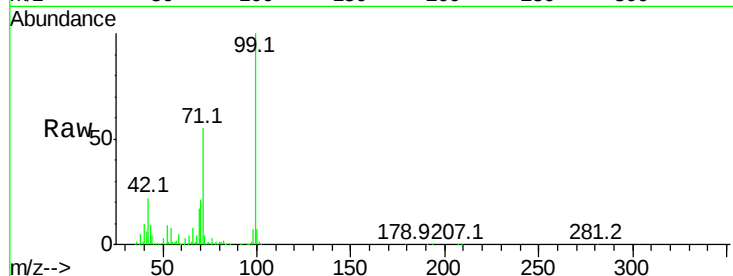
Tot Ion: 99 Resp: 2622707

Ion Ratio Lower Upper

99 100

42 21.8 11.0 16.4#

71 54.6 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 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

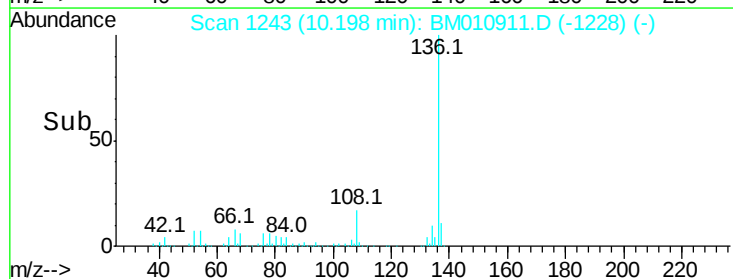
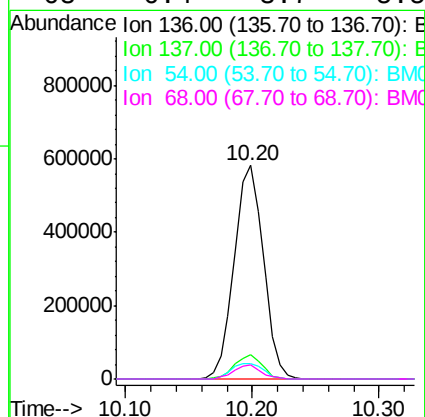
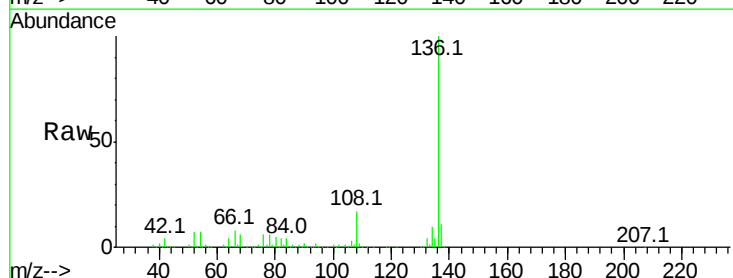
Ion Ratio Lower Upper

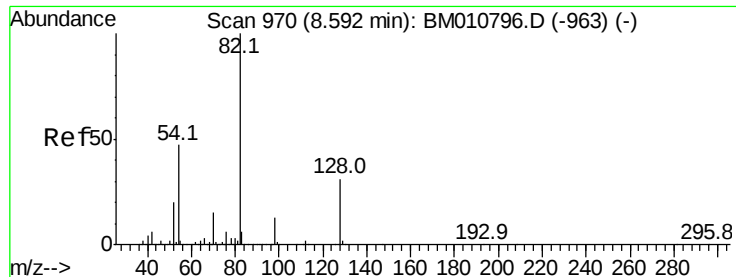
136 100

137 11.5 8.7 13.1

54 7.0 4.6 6.8#

68 6.4 3.7 5.5#

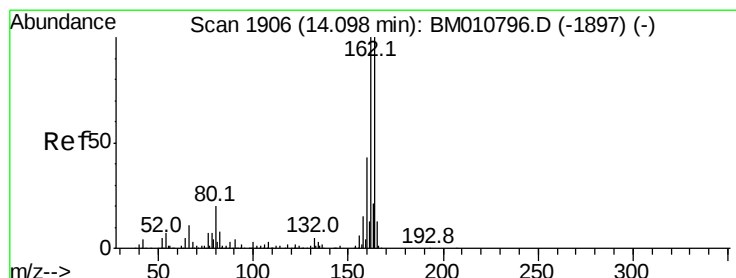
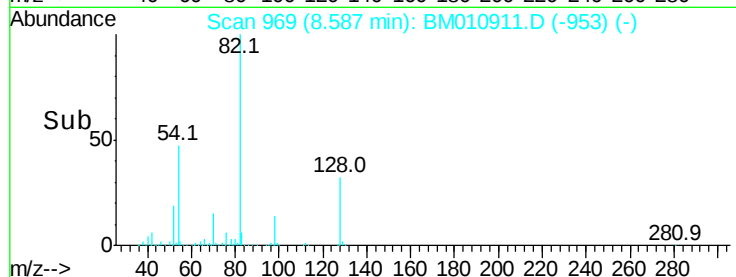
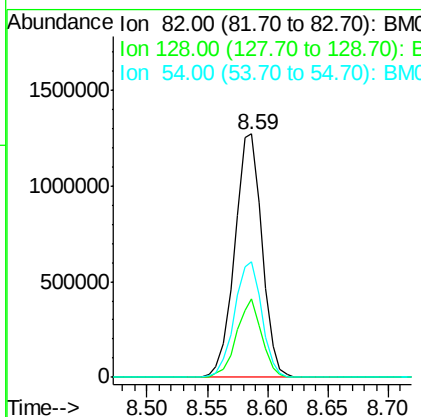
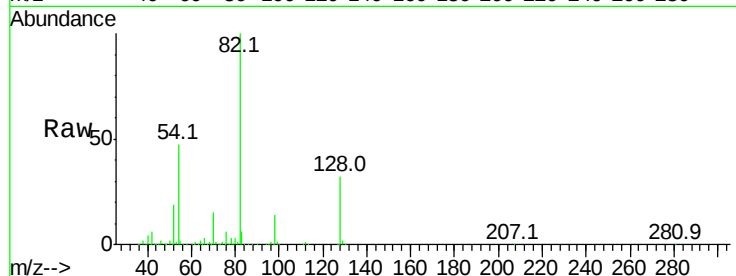




#23
 Nitrobenzene-d5
 Concen: 83.312 ng
 RT: 8.59 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BM010911.D
 Acq: 20 Jul 2017 16:37

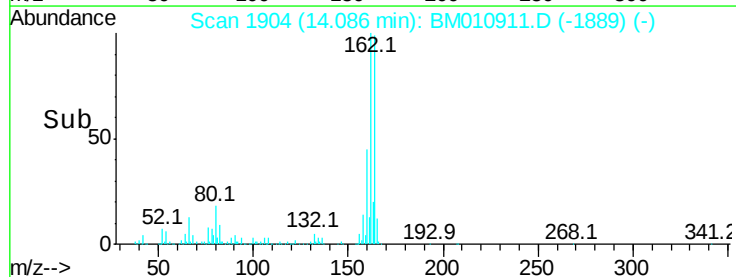
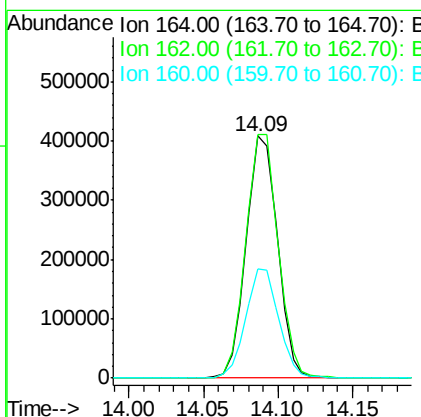
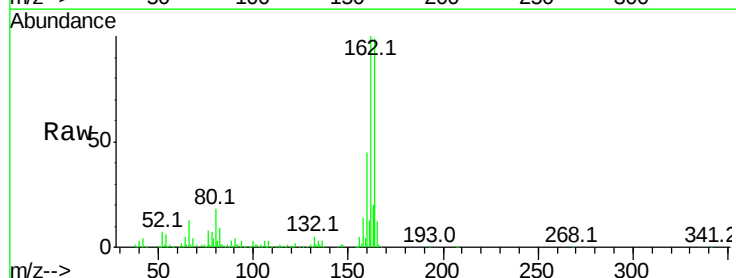
Instrument :
 BNA_M
 ClientSampleId :
 PB100784BL

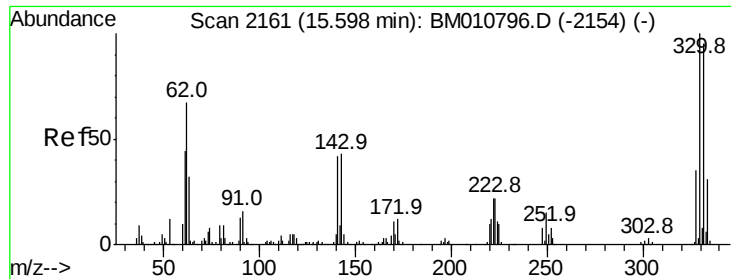
Tot Ion: 82 Resp: 2007519
 Ion Ratio Lower Upper
 82 100
 128 32.0 32.8 49.2#
 54 47.5 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 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: 133.353 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 :

PB100784BL

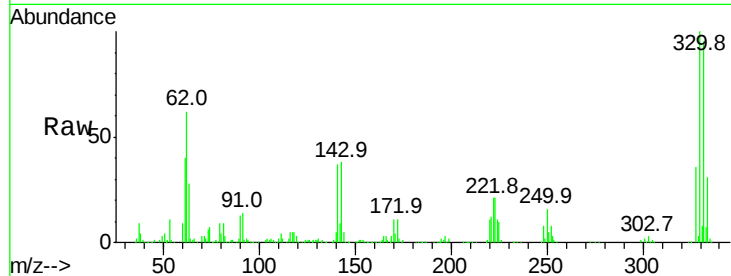
Tot Ion:330 Resp: 1209436

Ion Ratio Lower Upper

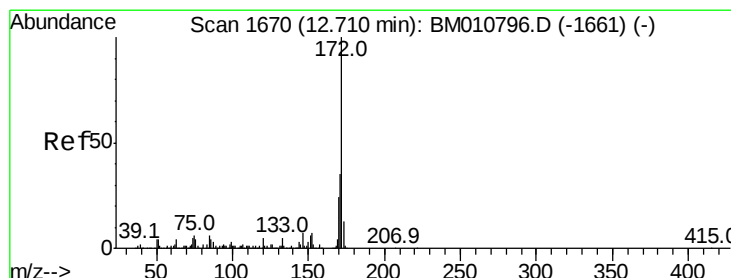
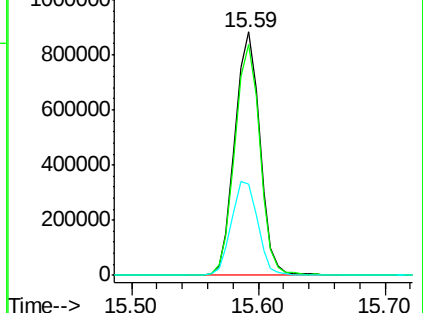
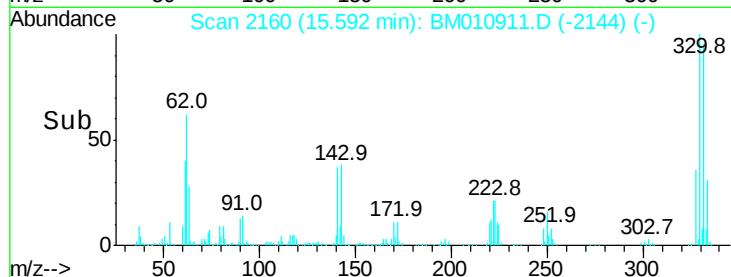
330 100

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: 86.442 ng

RT: 12.70 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BM010911.D

Acq: 20 Jul 2017 16:37

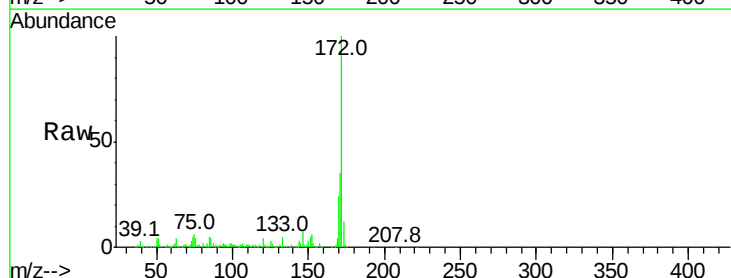
Tgt Ion:172 Resp: 4123821

Ion Ratio Lower Upper

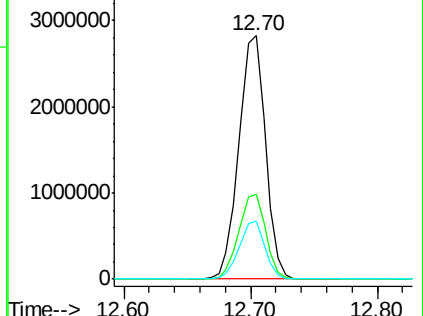
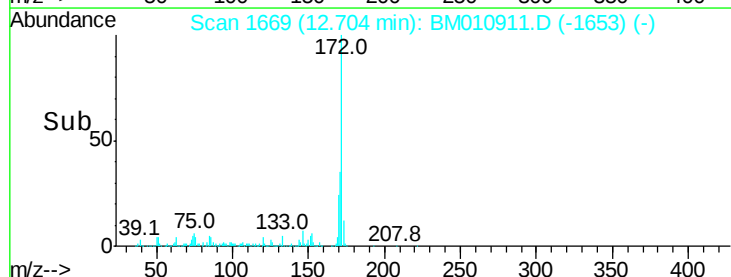
172 100

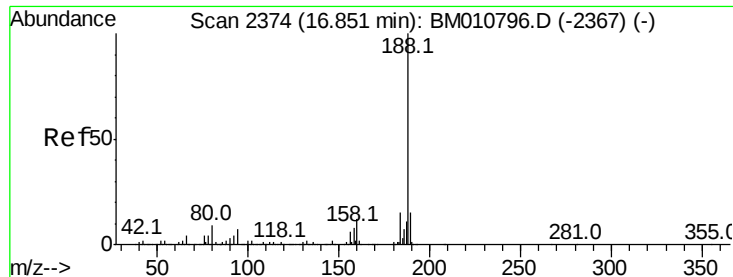
171 34.8 28.5 42.7

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

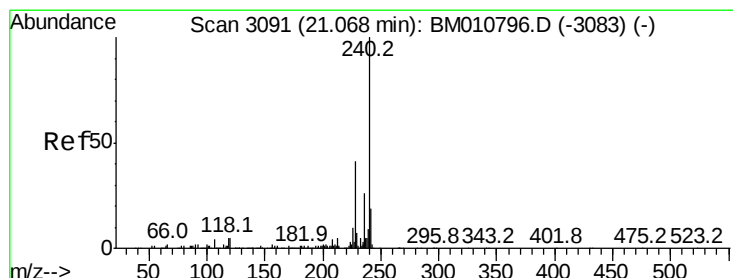
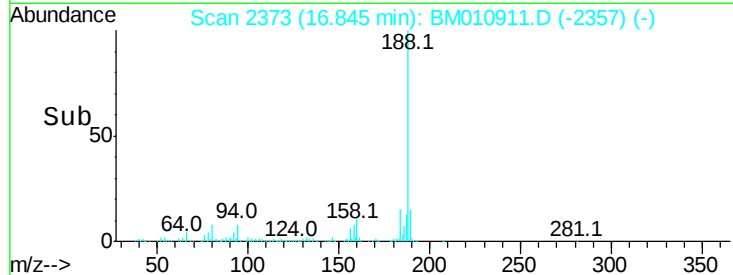
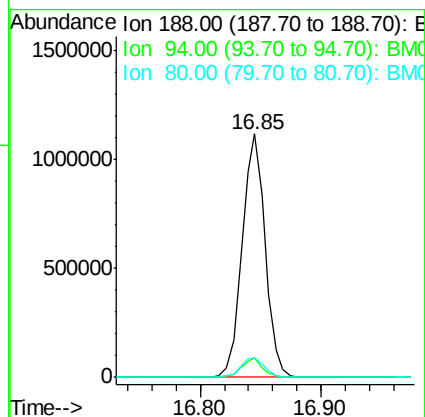
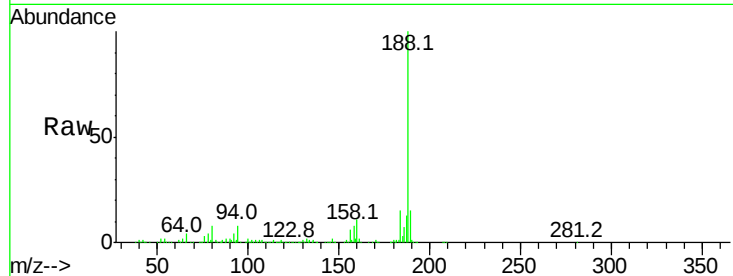




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.85 min Scan# 2373
 Delta R.T. -0.01 min
 Lab File: BM010911.D
 Acq: 20 Jul 2017 16:37

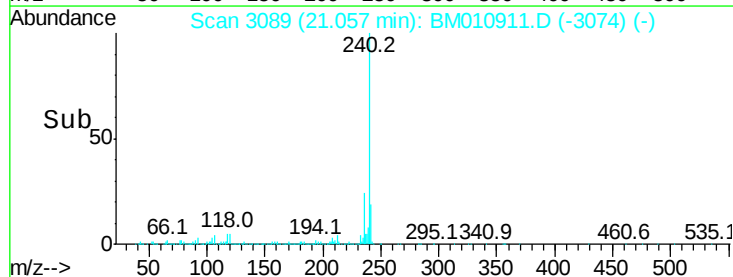
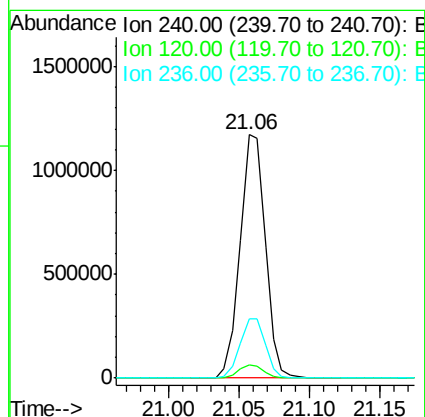
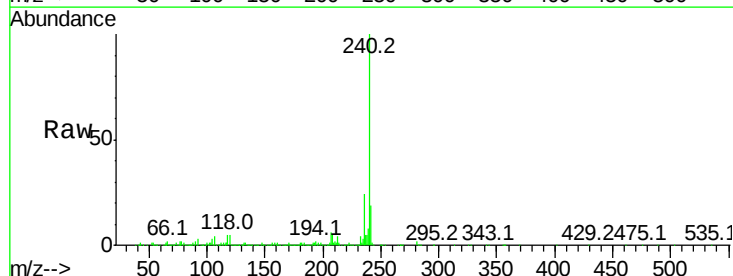
Instrument :
 BNA_M
 ClientSampled :
 PB100784BL

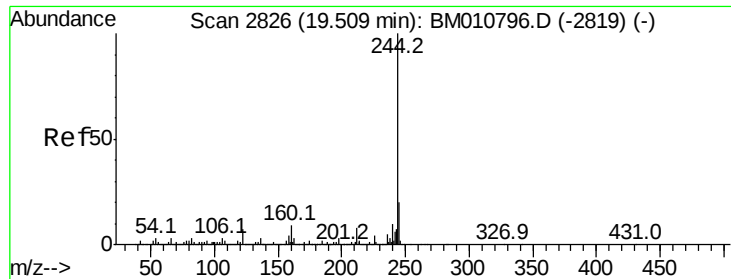
Tot Ion:188 Resp: 1482925
 Ion Ratio Lower Upper
 188 100
 94 8.2 8.7 13.1#
 80 8.1 9.3 13.9#



#75
 Chrysene-d12
 Concen: 20.000 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: 82.729 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 :

PB100784BL

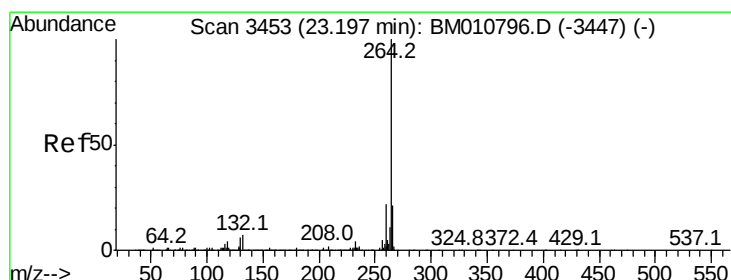
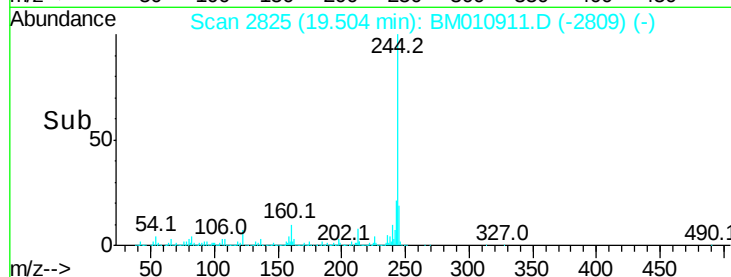
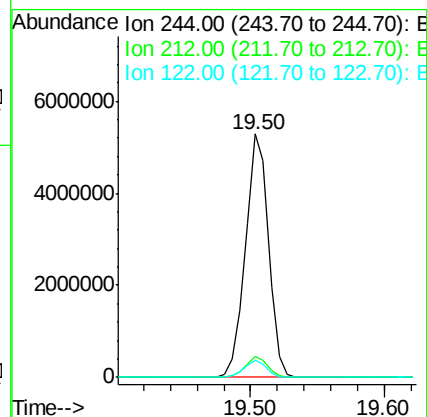
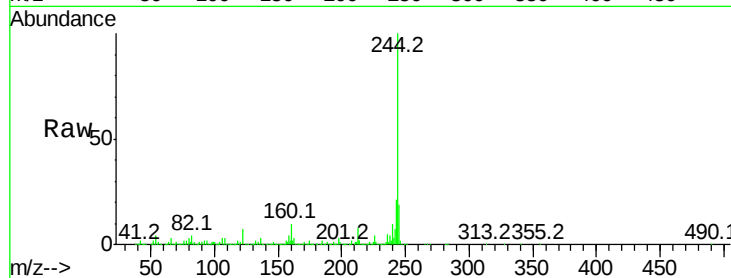
Tot Ion:244 Resp: 6280049

Ion Ratio Lower Upper

244 100

212 8.4 4.9 7.3#

122 7.2 6.2 9.4



#86

Perylene-d12

Concen: 20.000 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

