

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
 Data File : BM010853.D
 Acq On : 18 Jul 2017 02:21
 Operator : SJ/JU
 Sample : I4199-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 3561-PP1

Quant Time: Jul 18 05:45:09 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

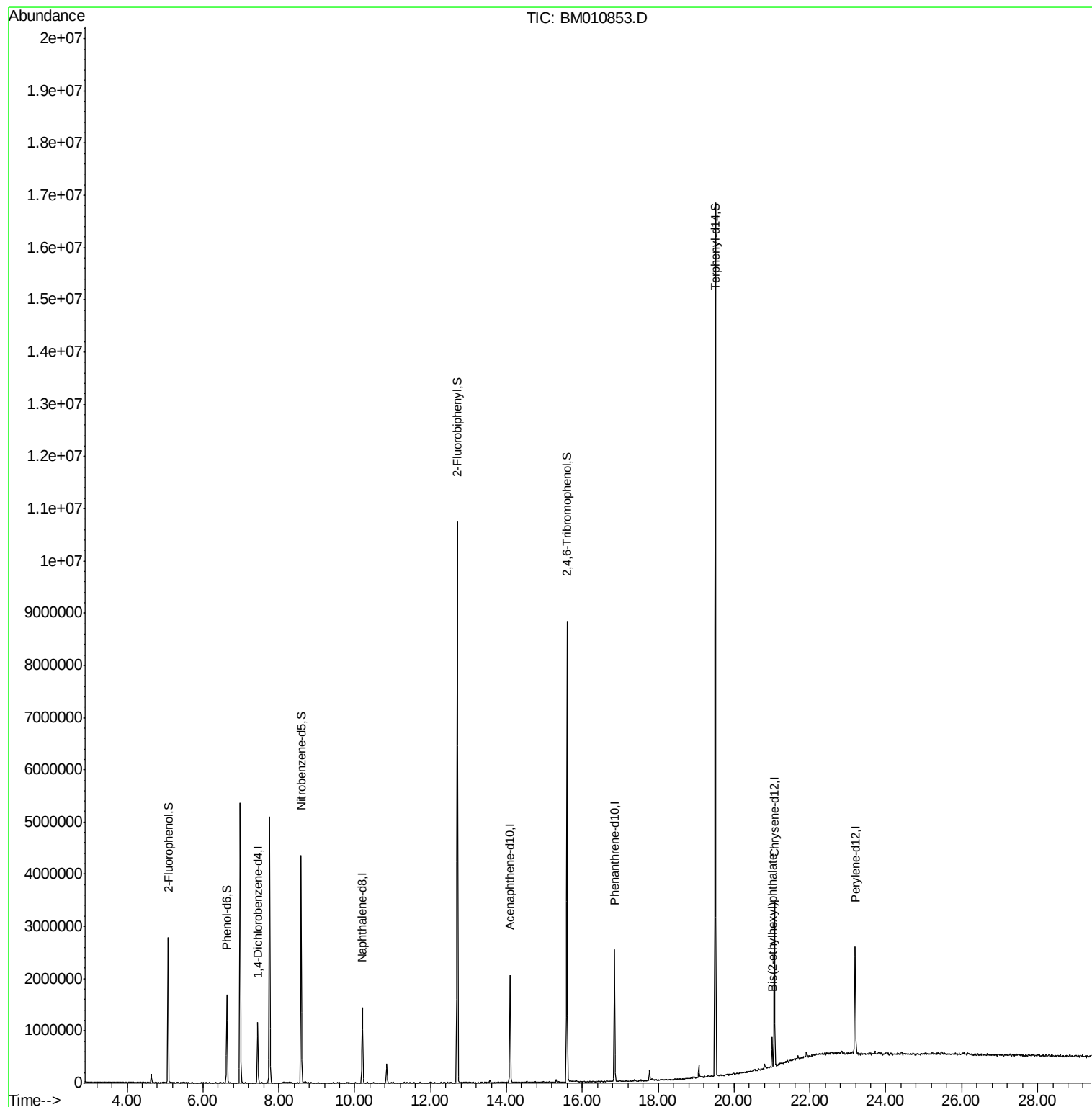
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	248480	20.00	ng	-0.01
21) Naphthalene-d8	10.20	136	982184	20.00	ng	0.00
38) Acenaphthene-d10	14.09	164	595525	20.00	ng	0.00
63) Phenanthrene-d10	16.84	188	1344672	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1469656	20.00	ng	0.00
86) Perylene-d12	23.19	264	1435837	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	899944	59.99	ng	0.00
7) Phenol-d6	6.63	99	752389	36.38	ng	0.00
23) Nitrobenzene-d5	8.59	82	2439134	95.46	ng	0.00
41) 2,4,6-Tribromophenol	15.59	330	1272104	139.78	ng	0.00
44) 2-Fluorobiphenyl	12.70	172	4933460	103.06	ng	0.00
78) Terphenyl-d14	19.51	244	6527350	85.90	ng	0.00
Target Compounds						
83) Bis(2-ethylhexyl)phthalate	21.00	149	178292	4.105	ng	Qvalue # 97

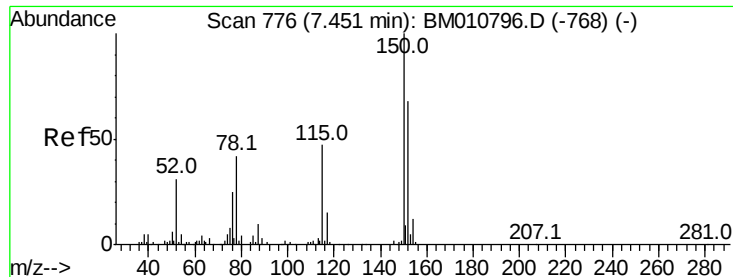
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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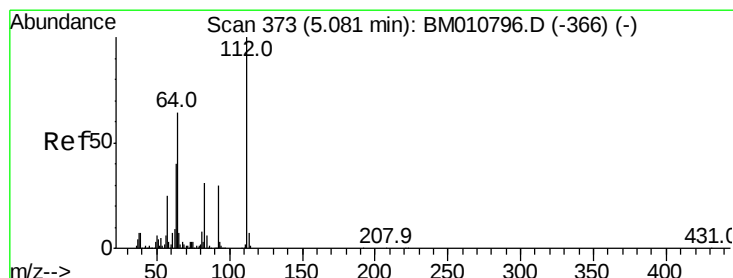
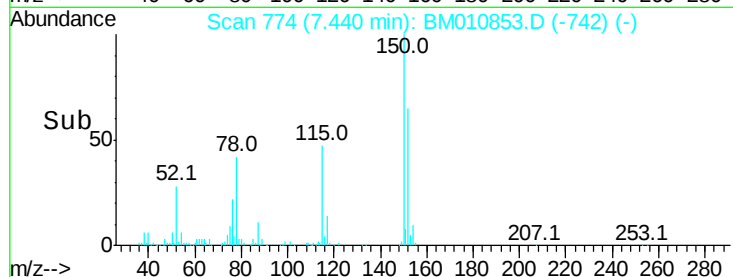
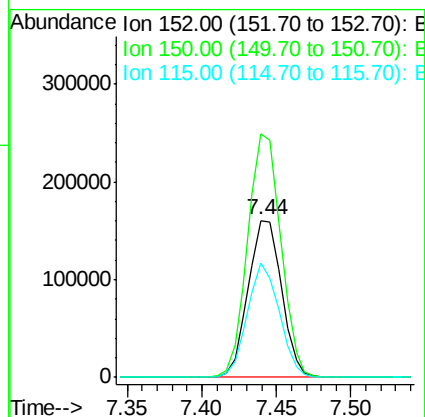
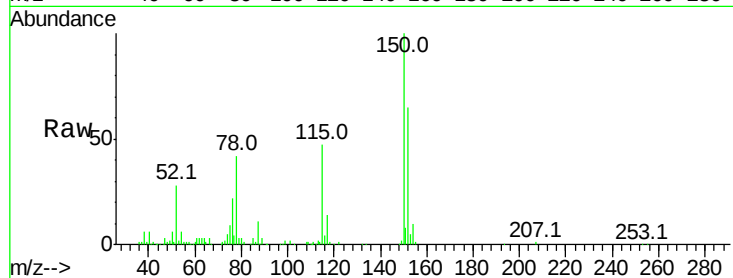


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM010853.D
Acq: 18 Jul 2017 02:21

Instrument :
BNA_M
ClientSampleId :
3561-PP1

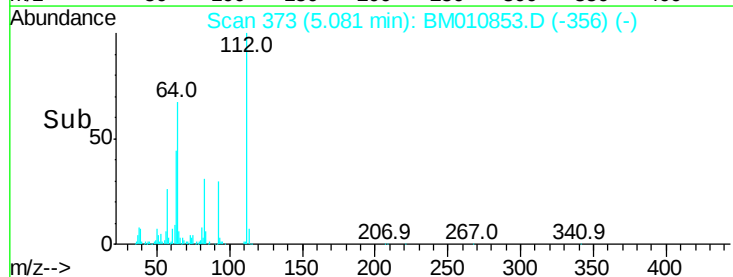
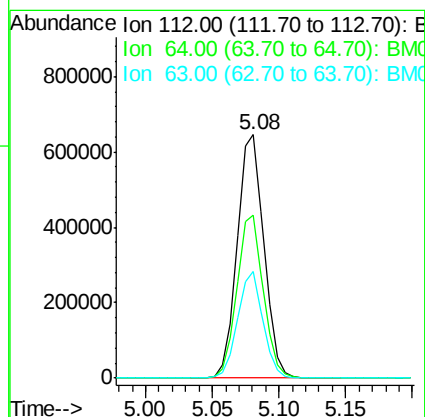
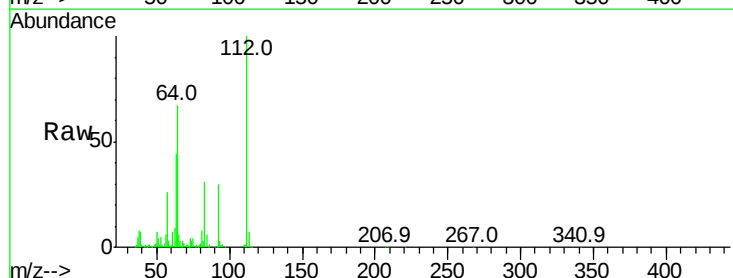
Tot Ion:152 Resp: 248480
Ion Ratio Lower Upper
152 100
150 155.0 119.5 179.3
115 72.5 43.0 64.4#

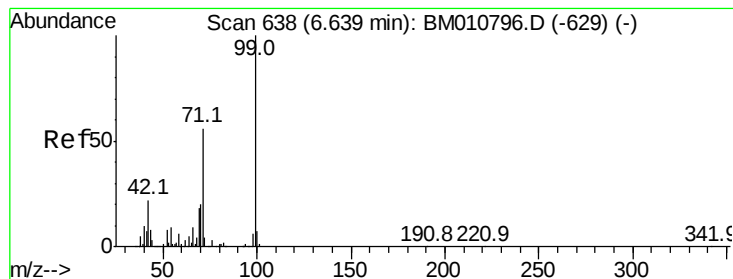


#5

2-Fluorophenol
Concen: 59.995 ng
RT: 5.08 min Scan# 373
Delta R.T. 0.00 min
Lab File: BM010853.D
Acq: 18 Jul 2017 02:21

Tgt Ion:112 Resp: 899944
Ion Ratio Lower Upper
112 100
64 66.9 38.6 57.8#
63 43.6 19.3 28.9#





#7

Phenol-d6

Concen: 36.384 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM010853.D

Acq: 18 Jul 2017 02:21

Instrument :

BNA_M

ClientSampleId :

3561-PP1

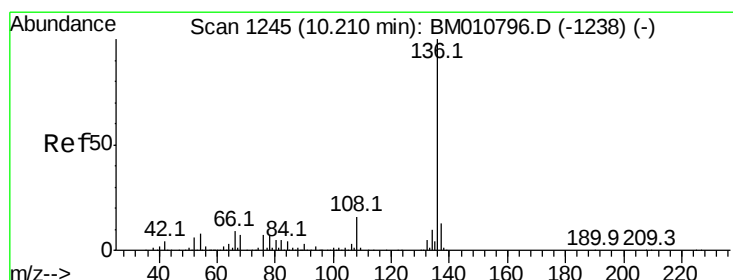
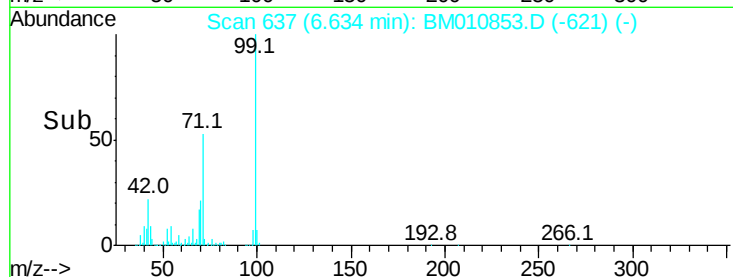
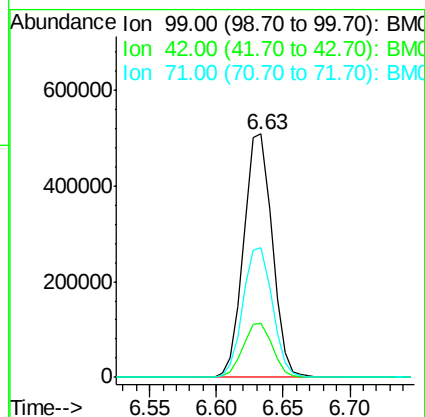
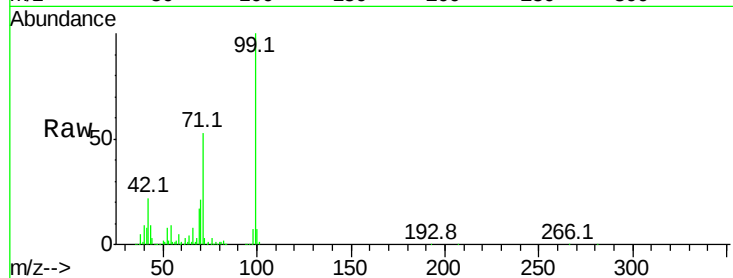
Tot Ion: 99 Resp: 752389

Ion Ratio Lower Upper

99 100

42 22.4 11.0 16.4#

71 53.5 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BM010853.D

Acq: 18 Jul 2017 02:21

Tgt Ion: 136 Resp: 982184

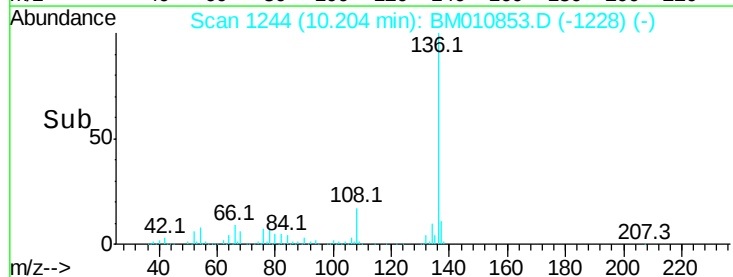
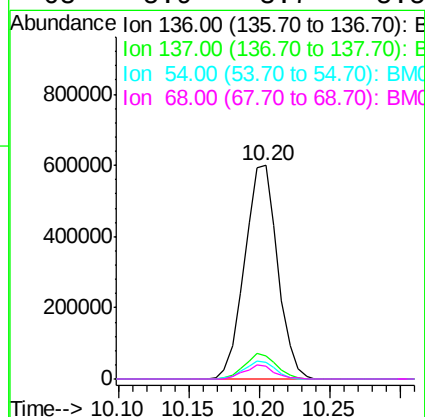
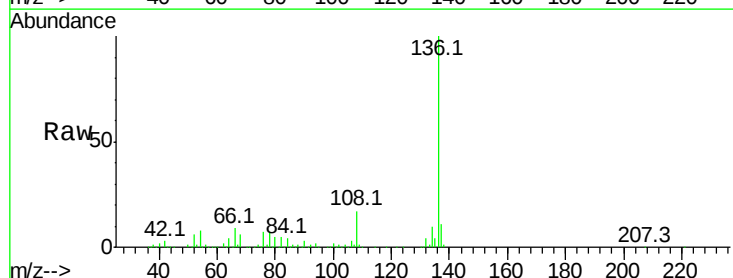
Ion Ratio Lower Upper

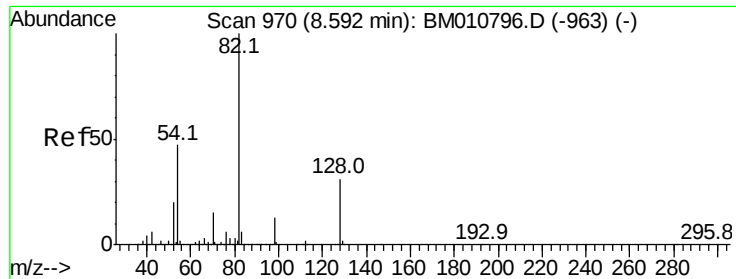
136 100

137 10.8 8.7 13.1

54 7.8 4.6 6.8#

68 5.9 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 95.455 ng

RT: 8.59 min Scan# 969

Delta R.T. -0.01 min

Lab File: BM010853.D

Acq: 18 Jul 2017 02:21

Instrument :

BNA_M

ClientSampleId :

3561-PP1

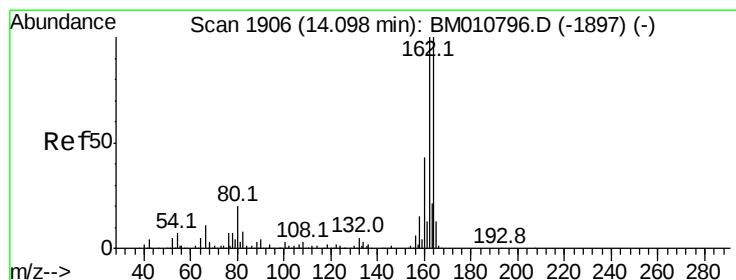
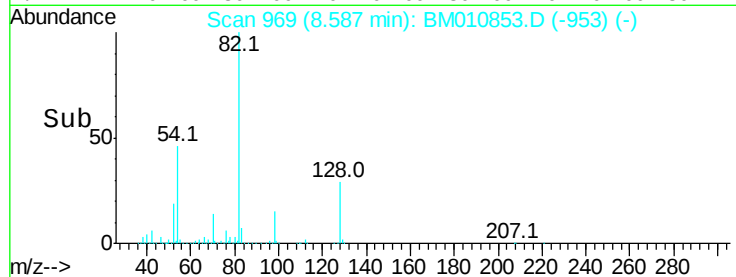
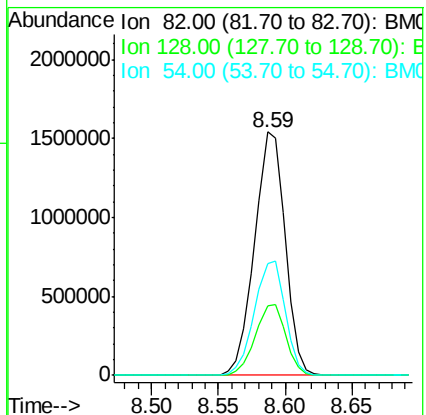
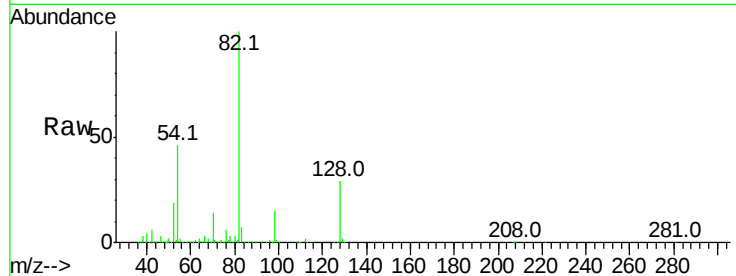
Tot Ion: 82 Resp: 2439134

Ion Ratio Lower Upper

82 100

128 28.5 32.8 49.2#

54 46.0 40.6 60.8



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.09 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BM010853.D

Acq: 18 Jul 2017 02:21

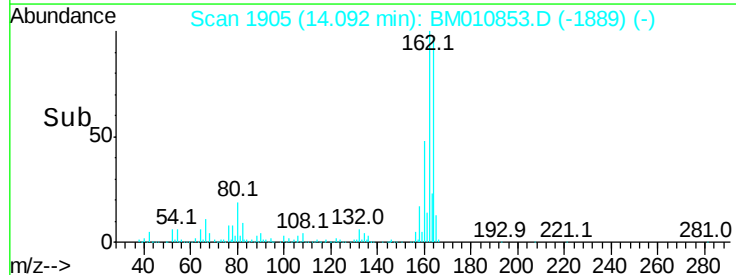
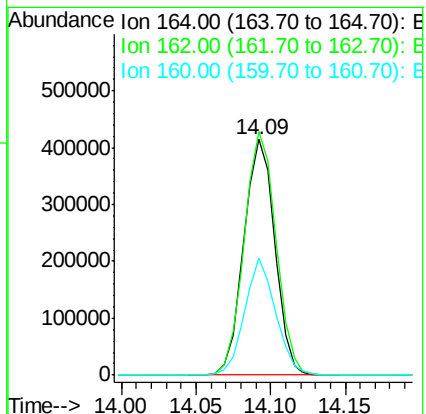
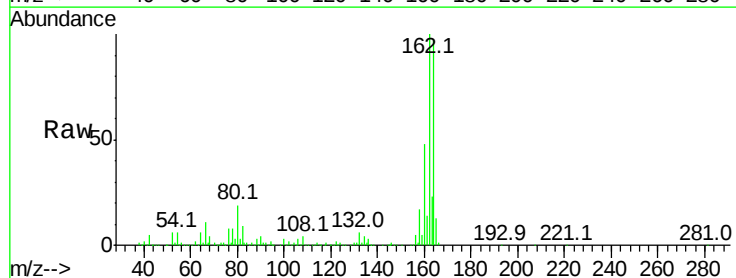
Tgt Ion: 164 Resp: 595525

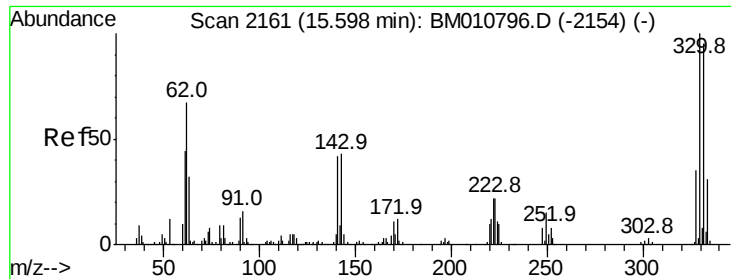
Ion Ratio Lower Upper

164 100

162 103.4 82.4 123.6

160 49.8 35.8 53.6

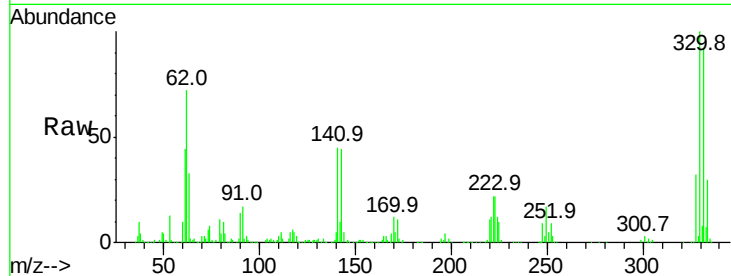




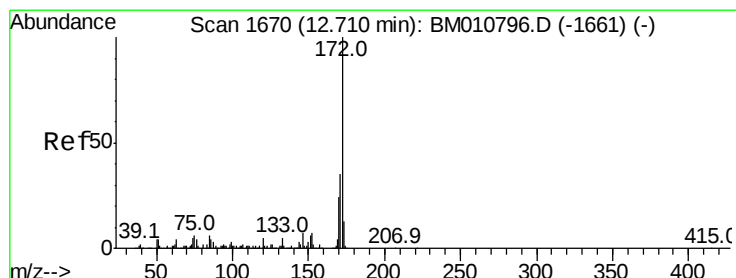
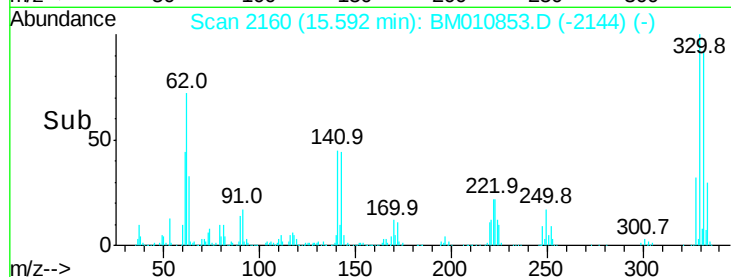
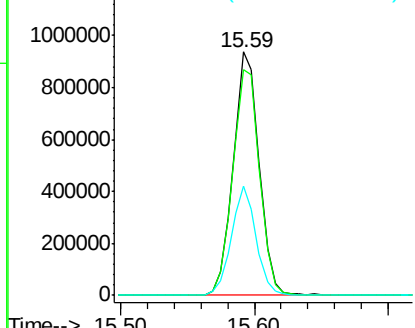
#41
 2,4,6-Tribromophenol
 Concen: 139.780 ng
 RT: 15.59 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BM010853.D
 Acq: 18 Jul 2017 02:21

Instrument :
 BNA_M
 ClientSampleId :
 3561-PP1

Tot Ion:330 Resp: 1272104
 Ion Ratio Lower Upper
 330 100
 332 96.1 0.0 0.0#
 141 42.9 0.0 0.0#

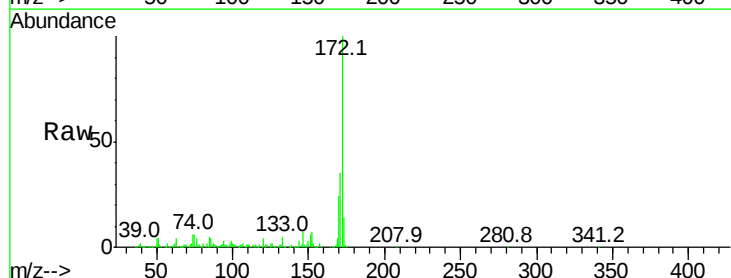


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

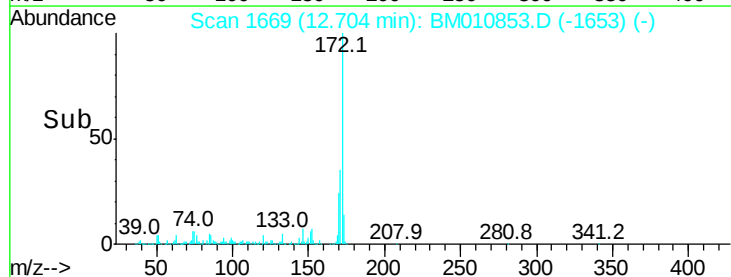
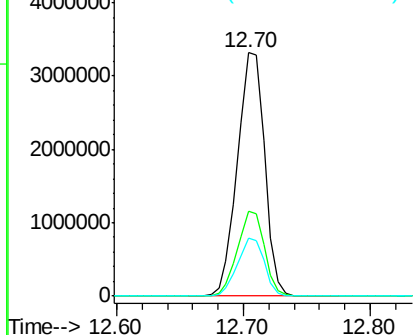


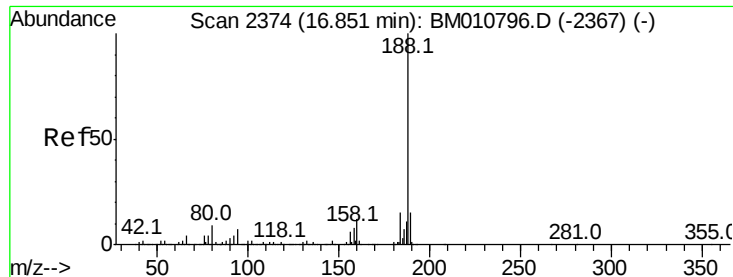
#44
 2-Fluorobiphenyl
 Concen: 103.058 ng
 RT: 12.70 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM010853.D
 Acq: 18 Jul 2017 02:21

Tgt Ion:172 Resp: 4933460
 Ion Ratio Lower Upper
 172 100
 171 35.0 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: 16.84 min Scan# 2373

Delta R.T. -0.01 min

Lab File: BM010853.D

Acq: 18 Jul 2017 02:21

Instrument :

BNA_M

ClientSampleId :

3561-PP1

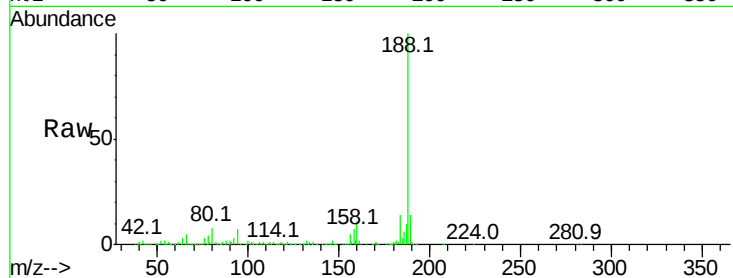
Tot Ion:188 Resp: 1344672

Ion Ratio Lower Upper

188 100

94 6.9 8.7 13.1#

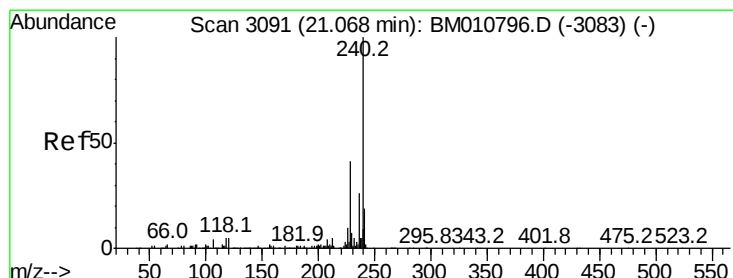
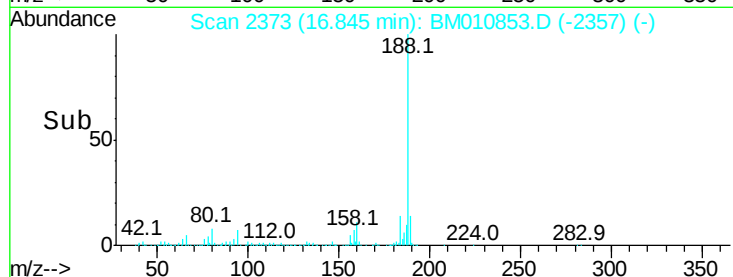
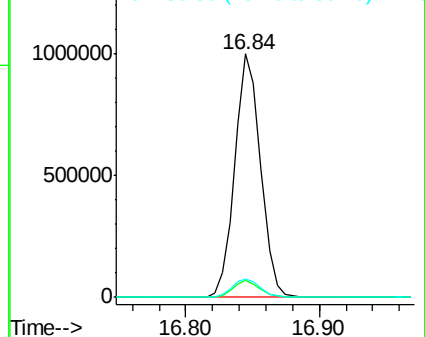
80 7.8 9.3 13.9#



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: 21.06 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM010853.D

Acq: 18 Jul 2017 02:21

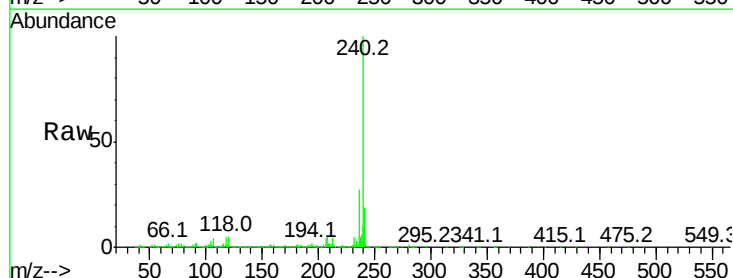
Tgt Ion:240 Resp: 1469656

Ion Ratio Lower Upper

240 100

120 5.4 8.2 12.2#

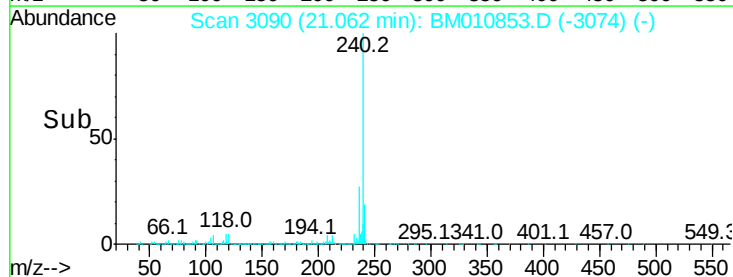
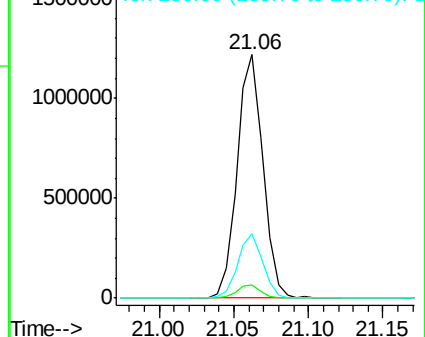
236 26.5 20.0 30.0

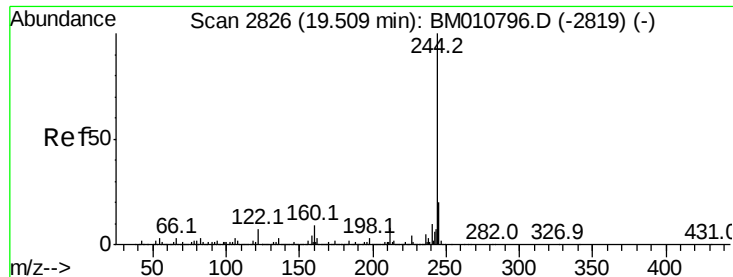


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 85.902 ng

RT: 19.51 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BM010853.D

Acq: 18 Jul 2017 02:21

Instrument :

BNA_M

ClientSampleId :

3561-PP1

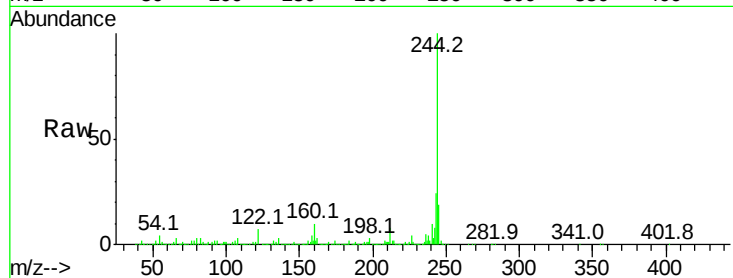
Tot Ion:244 Resp: 6527350

Ion Ratio Lower Upper

244 100

212 7.9 4.9 7.3#

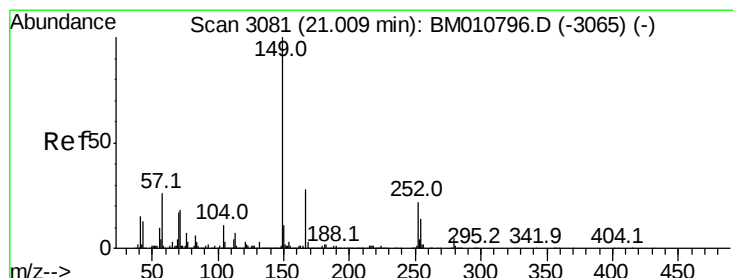
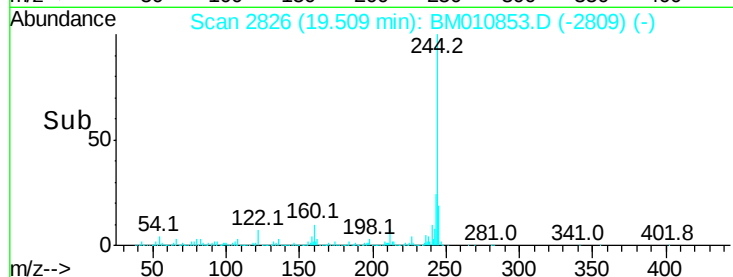
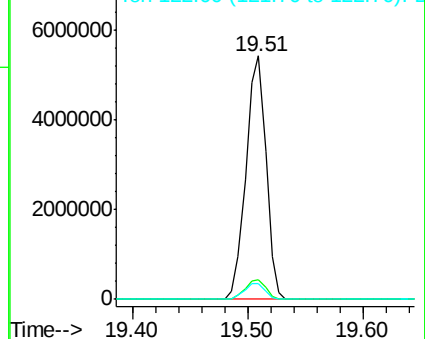
122 6.7 6.2 9.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 4.105 ng

RT: 21.00 min Scan# 3080

Delta R.T. -0.01 min

Lab File: BM010853.D

Acq: 18 Jul 2017 02:21

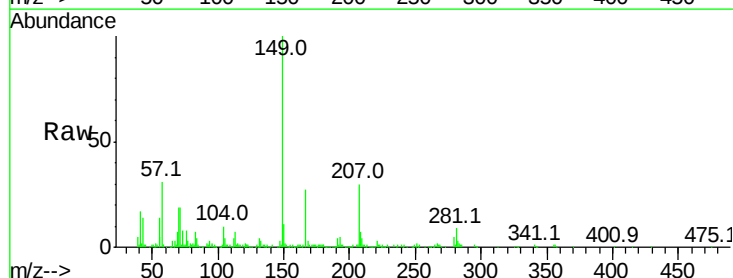
Tgt Ion:149 Resp: 178292

Ion Ratio Lower Upper

149 100

167 26.7 22.4 33.6

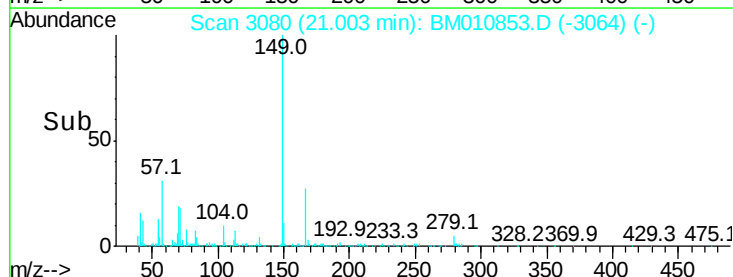
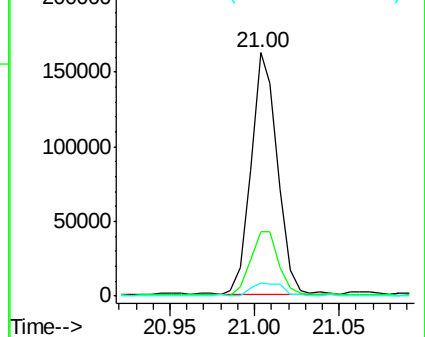
279 5.5 3.4 5.0#

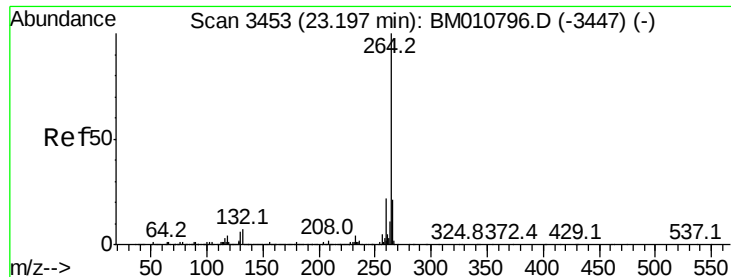


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.19 min Scan# 3452
Delta R.T. -0.01 min
Lab File: BM010853.D
Acq: 18 Jul 2017 02:21

Instrument :
BNA_M
ClientSampleId :
3561-PP1

Tot Ion:264 Resp: 1435837

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	22.6	17.3	25.9

