

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
 Data File : BM010856.D
 Acq On : 18 Jul 2017 04:09
 Operator : SJ/JU
 Sample : I4199-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 3564-PP4

Quant Time: Jul 18 05:47:05 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

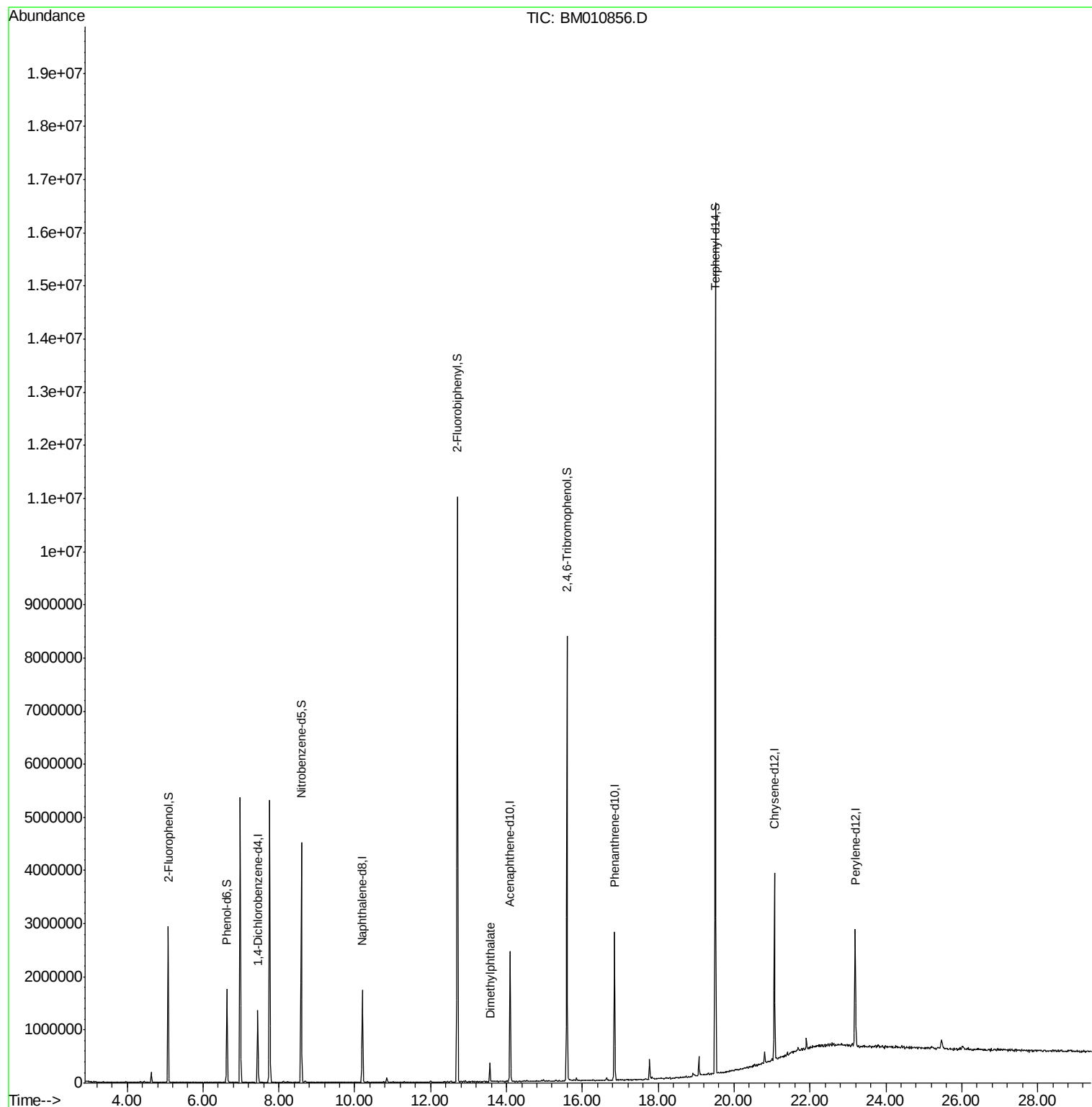
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	287884	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1173304	20.00	ng	0.00
38) Acenaphthene-d10	14.09	164	698841	20.00	ng	0.00
63) Phenanthrene-d10	16.84	188	1514043	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1623751	20.00	ng	0.00
86) Perylene-d12	23.19	264	1569202	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	942942	54.26	ng	0.00
7) Phenol-d6	6.63	99	777938	32.47	ng	0.00
23) Nitrobenzene-d5	8.59	82	2584313	84.66	ng	0.00
41) 2,4,6-Tribromophenol	15.59	330	1239405	116.05	ng	0.00
44) 2-Fluorobiphenyl	12.71	172	5130680	91.33	ng	0.00
78) Terphenyl-d14	19.51	244	6432809	76.62	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.56	163	176921	2.976	ng	Qvalue # 92

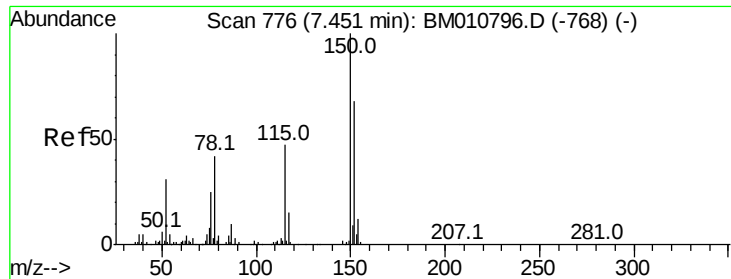
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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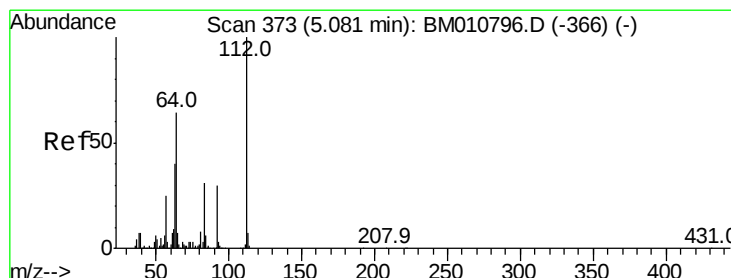
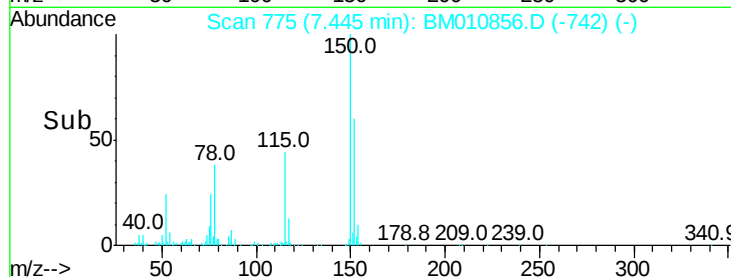
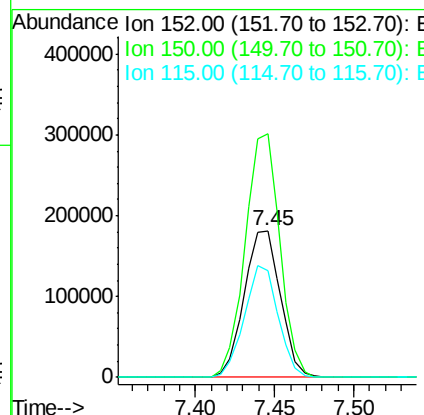
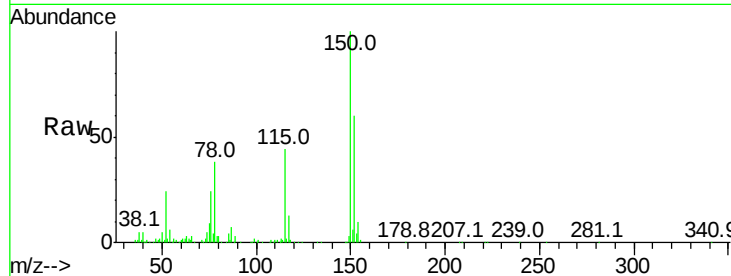


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.45 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BM010856.D
 Acq: 18 Jul 2017 04:09

Instrument :
 BNA_M
 ClientSampleId :
 3564-PP4

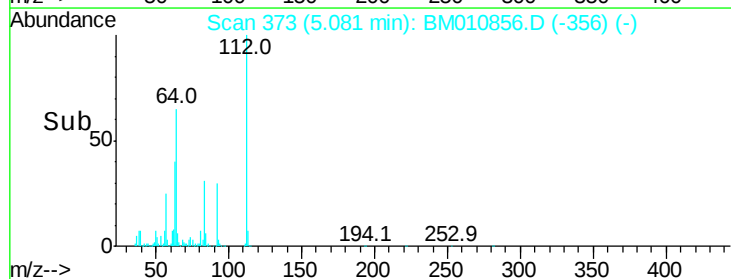
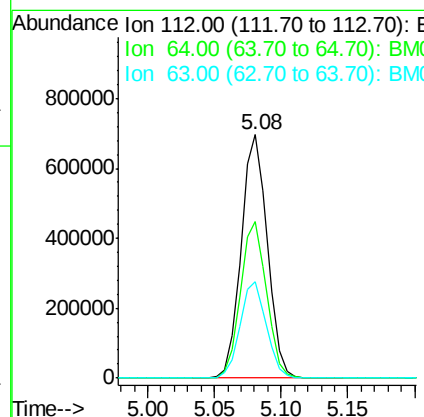
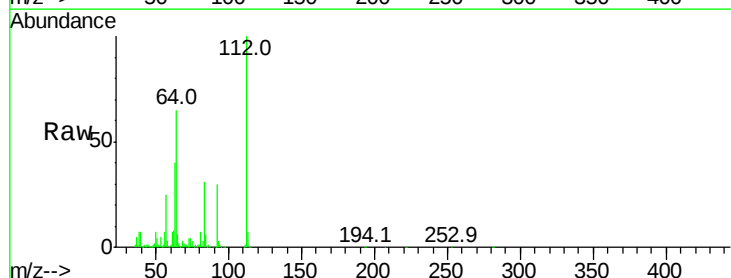
Tot Ion	Ratio	Lower	Upper
152	100		
150	166.3	119.5	179.3
115	72.6	43.0	64.4

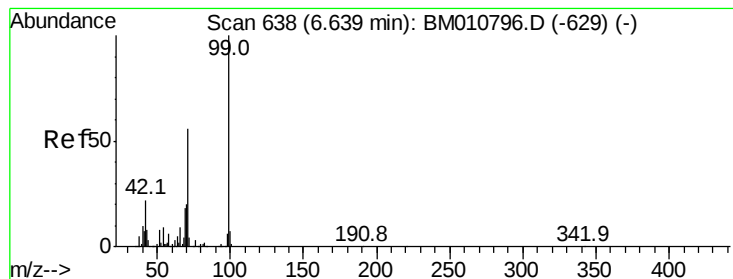


#5

2-Fluorophenol
 Concen: 54.257 ng
 RT: 5.08 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: BM010856.D
 Acq: 18 Jul 2017 04:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.5	38.6	57.8
63	39.7	19.3	28.9





#7

Phenol-d6

Concen: 32.470 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM010856.D

Acq: 18 Jul 2017 04:09

Instrument :

BNA_M

ClientSampleId :

3564-PP4

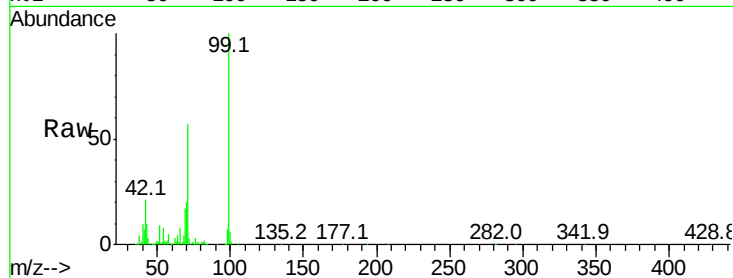
Tot Ion: 99 Resp: 777938

Ion Ratio Lower Upper

99 100

42 21.2 11.0 16.4#

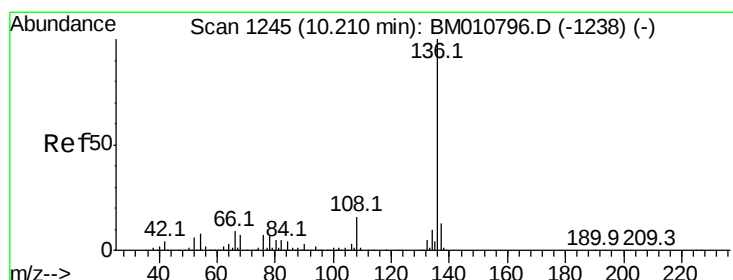
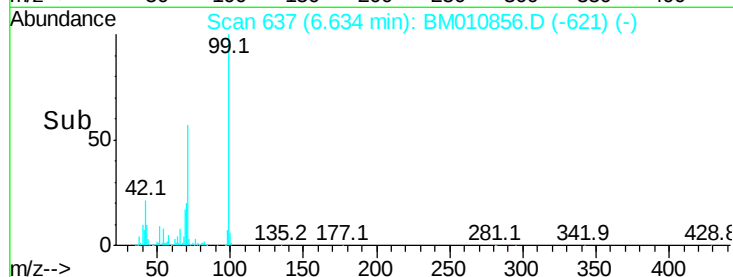
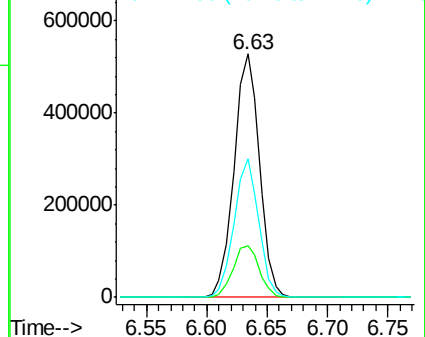
71 56.8 23.4 35.2#



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: 20.000 ng

RT: 10.20 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BM010856.D

Acq: 18 Jul 2017 04:09

Tgt Ion: 136 Resp: 1173304

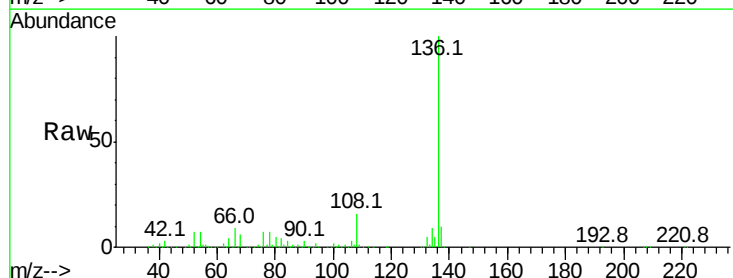
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 6.9 4.6 6.8#

68 6.3 3.7 5.5#

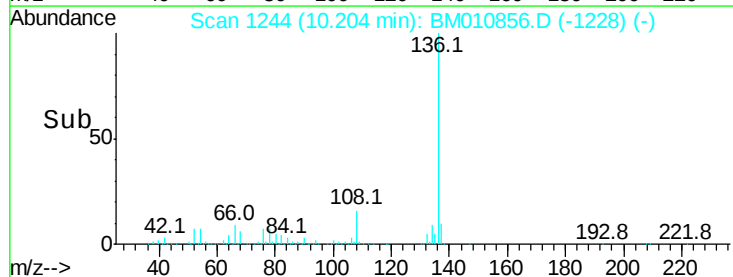
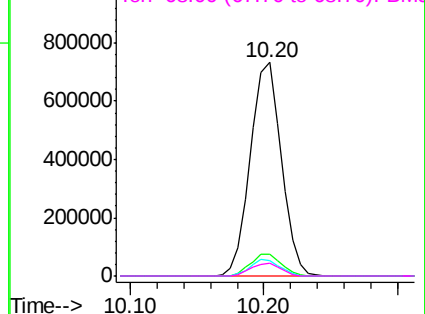


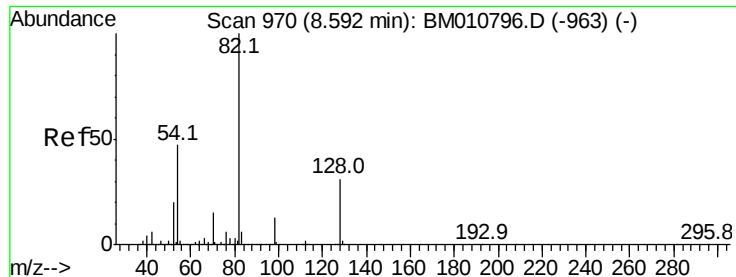
Abundance Ion 136.00 (135.70 to 136.70): BM010796.D (-1238) (-)

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: 84.662 ng

RT: 8.59 min Scan# 970

Delta R.T. 0.00 min

Lab File: BM010856.D

Acq: 18 Jul 2017 04:09

Instrument :

BNA_M

ClientSampleId :

3564-PP4

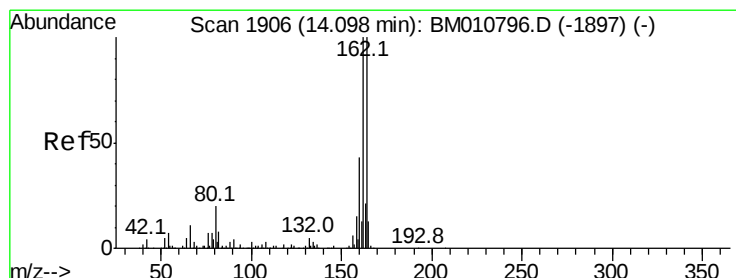
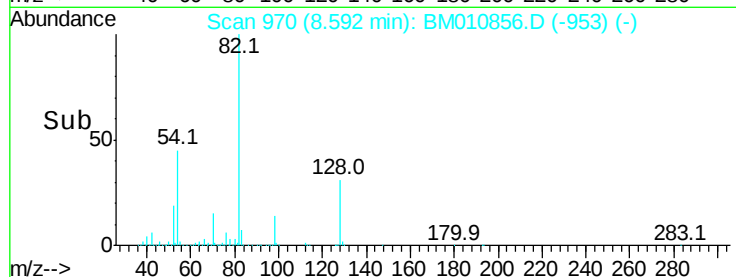
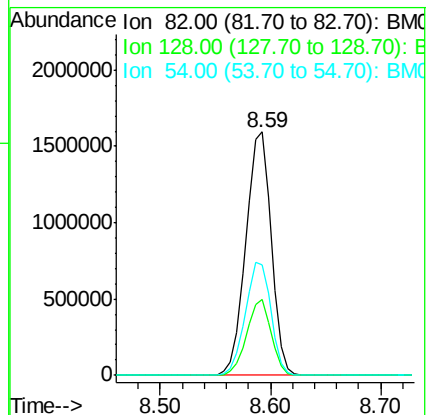
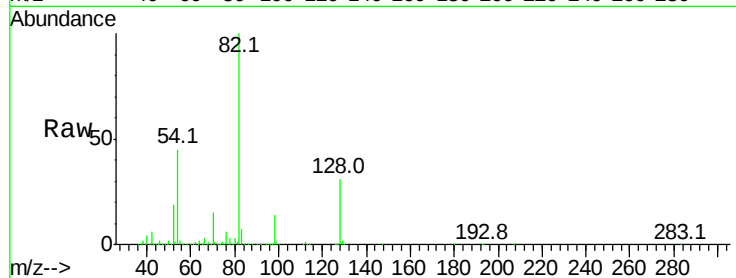
Tot Ion: 82 Resp: 2584313

Ion Ratio Lower Upper

82 100

128 31.3 32.8 49.2#

54 45.4 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: BM010856.D

Acq: 18 Jul 2017 04:09

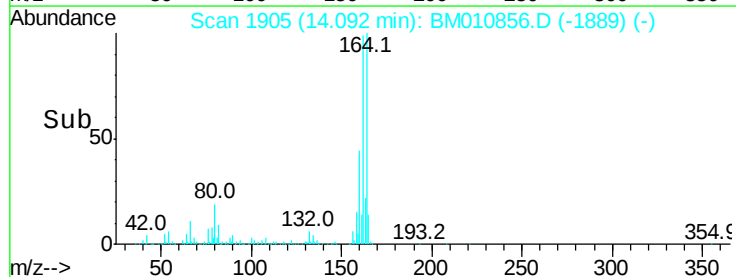
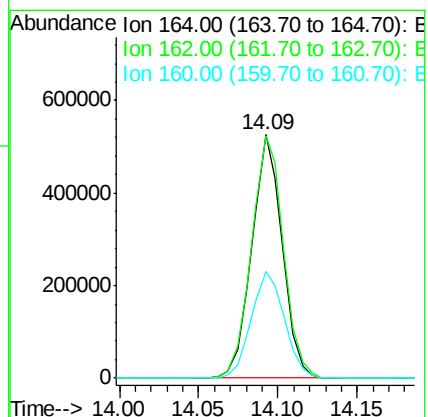
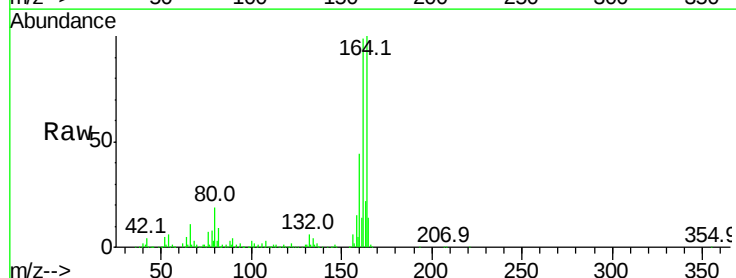
Tgt Ion: 164 Resp: 698841

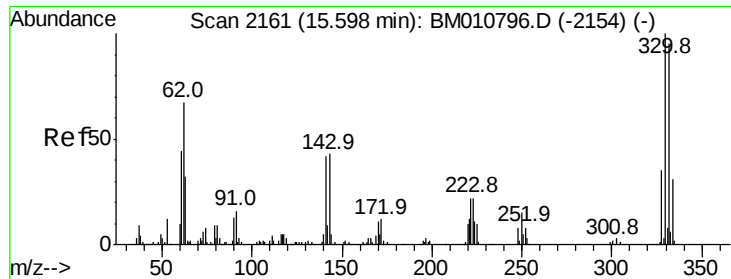
Ion Ratio Lower Upper

164 100

162 99.4 82.4 123.6

160 43.9 35.8 53.6

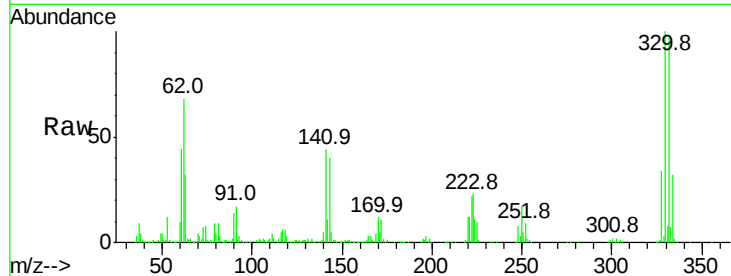




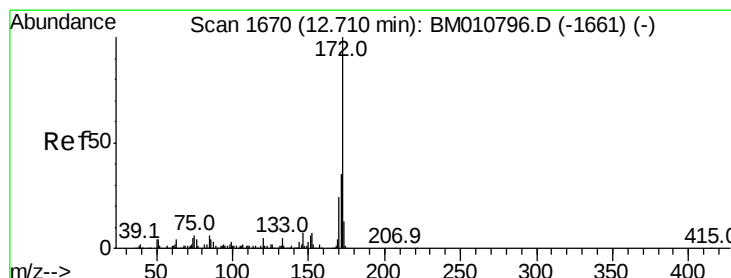
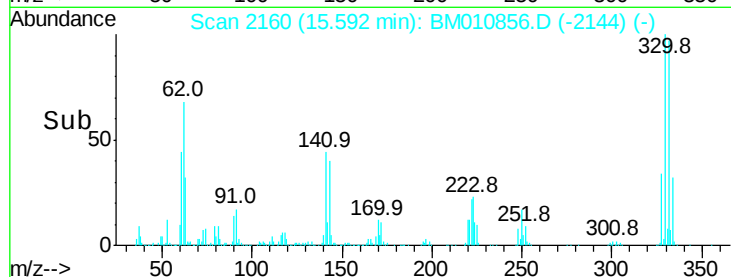
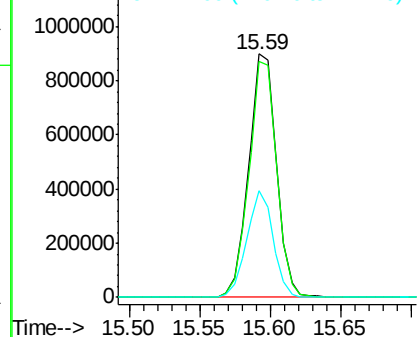
#41
 2,4,6-Tribromophenol
 Concen: 116.053 ng
 RT: 15.59 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BM010856.D
 Acq: 18 Jul 2017 04:09

Instrument :
 BNA_M
 ClientSampled :
 3564-PP4

Tot Ion:330 Resp: 1239405
 Ion Ratio Lower Upper
 330 100
 332 97.0 0.0 0.0#
 141 41.7 0.0 0.0#

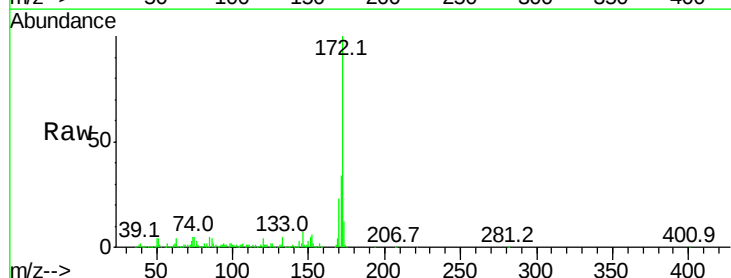


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

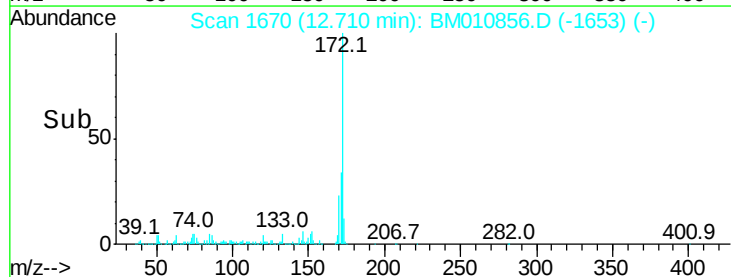
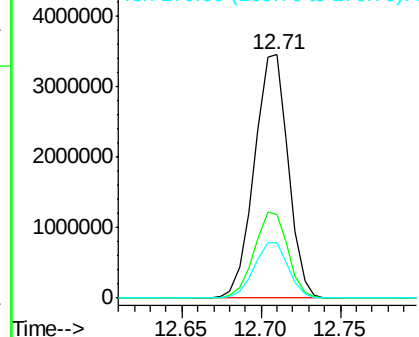


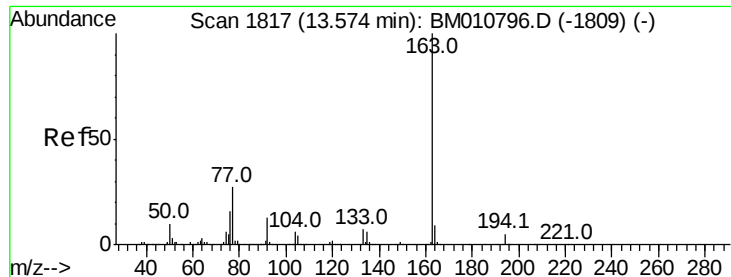
#44
 2-Fluorobiphenyl
 Concen: 91.333 ng
 RT: 12.71 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BM010856.D
 Acq: 18 Jul 2017 04:09

Tgt Ion:172 Resp: 5130680
 Ion Ratio Lower Upper
 172 100
 171 34.3 28.5 42.7
 170 23.0 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

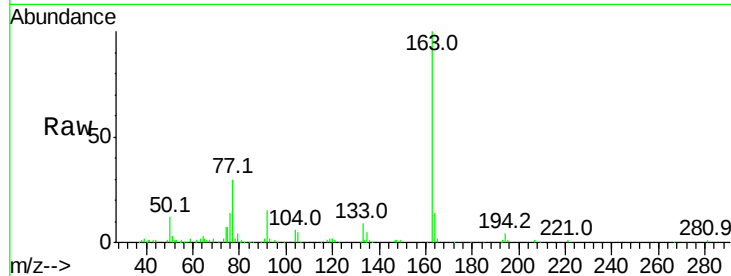




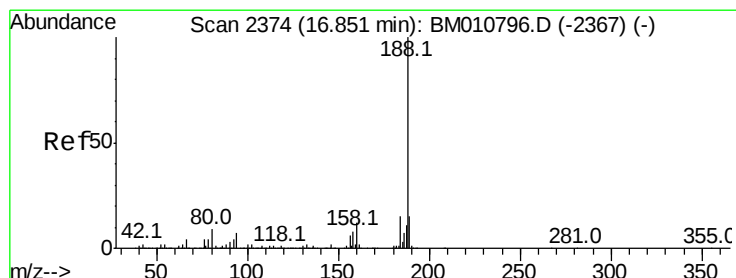
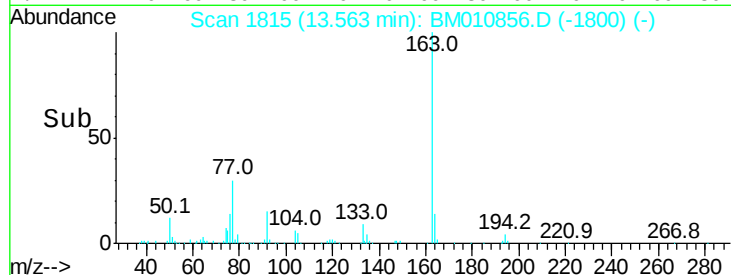
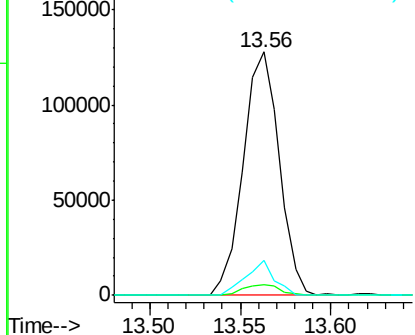
#49
Dimethylphthalate
Concen: 2.976 ng
RT: 13.56 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BM010856.D
Acq: 18 Jul 2017 04:09

Instrument :
BNA_M
ClientSampleId :
3564-PP4

Tot Ion:163 Resp: 176921
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 14.1 8.2 12.2#

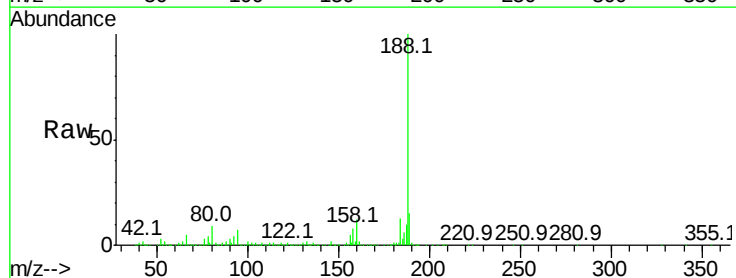


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

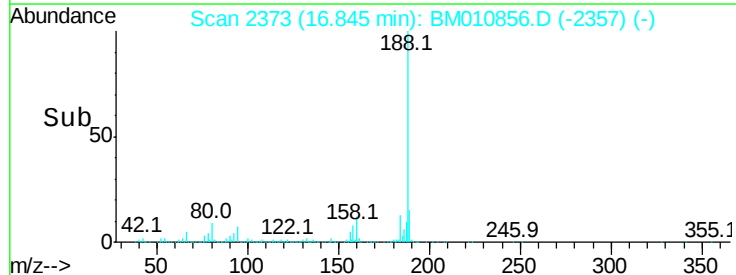
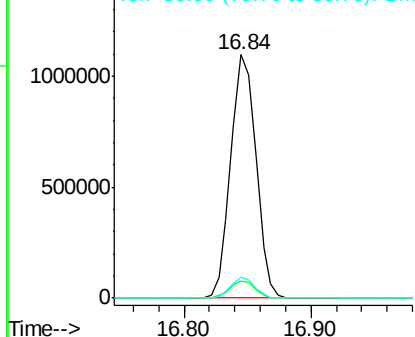


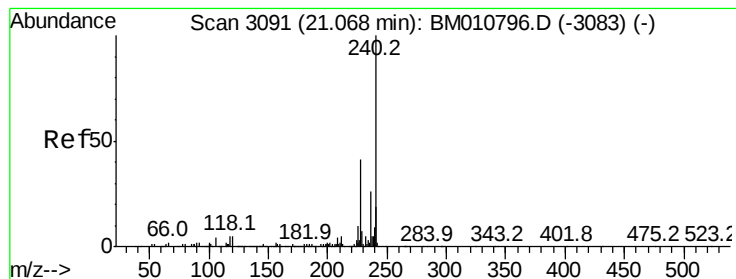
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.84 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BM010856.D
Acq: 18 Jul 2017 04:09

Tgt Ion:188 Resp: 1514043
Ion Ratio Lower Upper
188 100
94 7.1 8.7 13.1#
80 8.8 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: BM010856.D

Acq: 18 Jul 2017 04:09

Instrument :

BNA_M

ClientSampleId :

3564-PP4

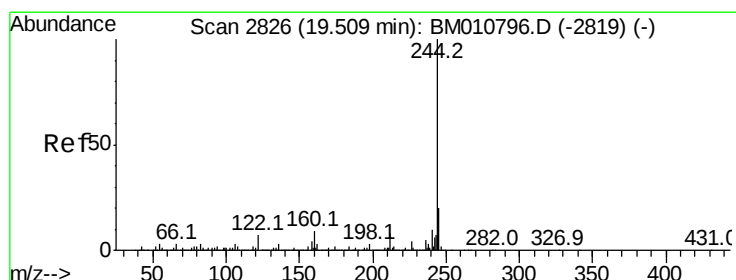
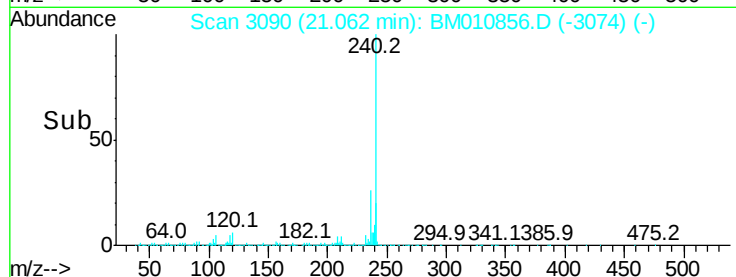
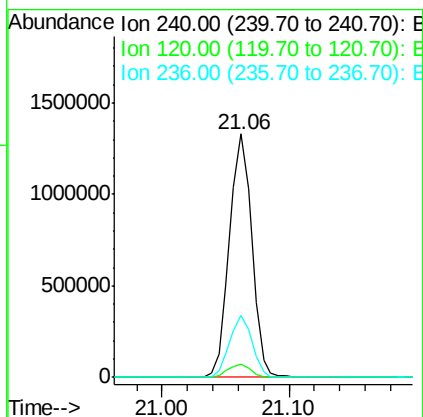
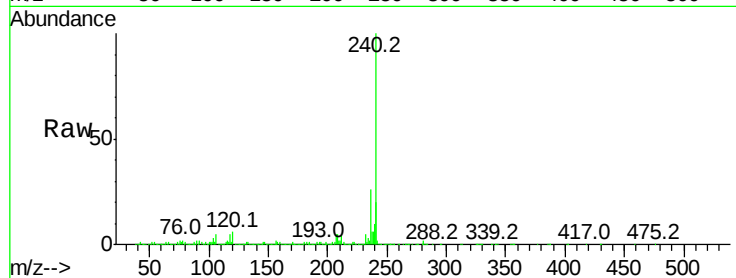
Tot Ion:240 Resp: 1623751

Ion	Ratio	Lower	Upper
240	100		
120	5.6	8.2	12.2#
236	25.5	20.0	30.0

240 100

120 5.6 8.2 12.2#

236 25.5 20.0 30.0



#78

Terphenyl-d14

Concen: 76.623 ng

RT: 19.51 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BM010856.D

Acq: 18 Jul 2017 04:09

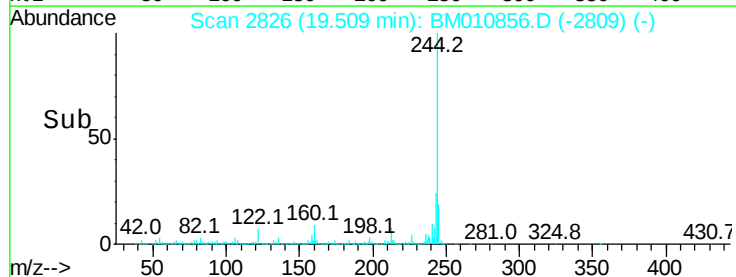
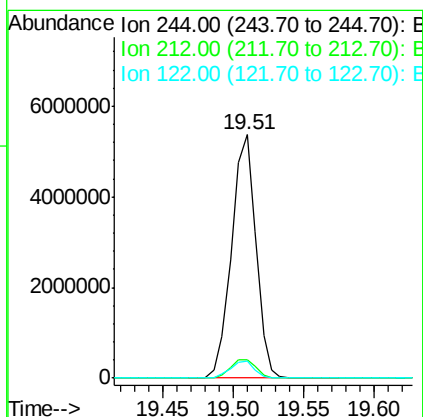
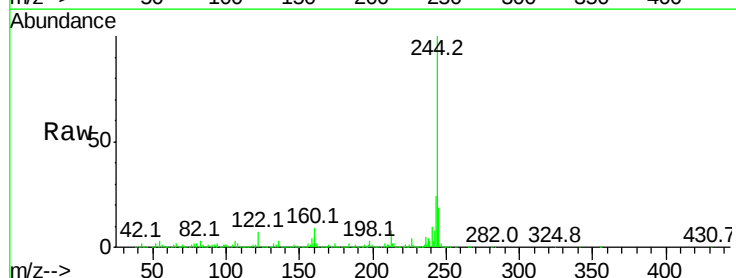
Tgt Ion:244 Resp: 6432809

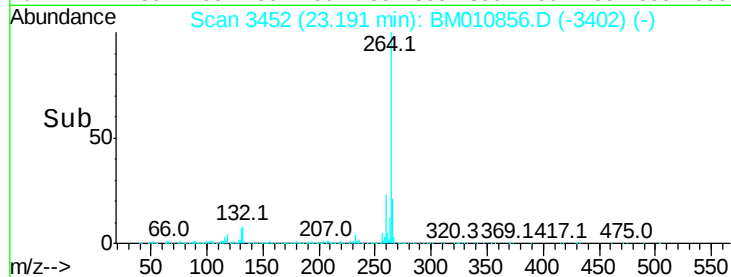
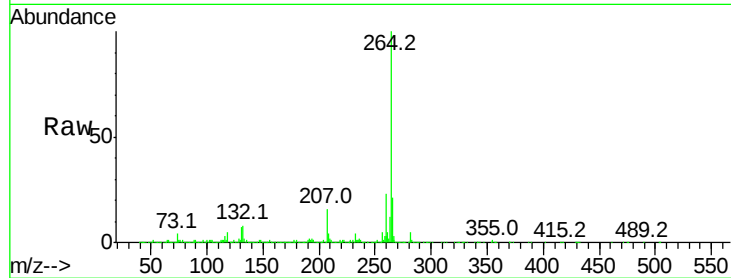
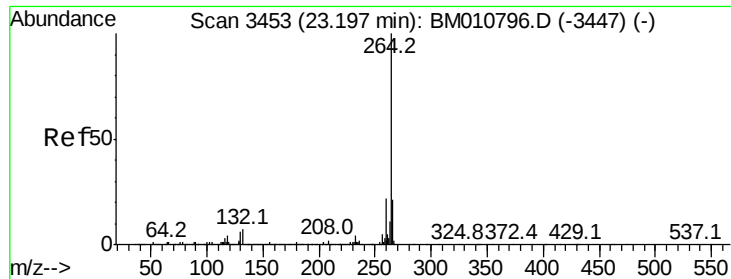
Ion	Ratio	Lower	Upper
244	100		
212	7.8	4.9	7.3#
122	7.2	6.2	9.4

244 100

212 7.8 4.9 7.3#

122 7.2 6.2 9.4





#86

Pervlene-d12

Concen: 20.000 ng

RT: 23.19 min Scan# 3452

Delta R.T. -0.01 min

Lab File: BM010856.D

Acq: 18 Jul 2017 04:09

Instrument :

BNA_M

ClientSampleId :

3564-PP4

Tot Ion:264 Resp: 1569202

Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 21.4 17.3 25.9

