

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
 Data File : BM010846.D
 Acq On : 17 Jul 2017 22:10
 Operator : SJ/JU
 Sample : PB100668BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB100668BL

Quant Time: Jul 18 05:39:56 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	278770	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1103218	20.00	ng	0.00
38) Acenaphthene-d10	14.09	164	708897	20.00	ng	0.00
63) Phenanthrene-d10	16.84	188	1725093	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1703433	20.00	ng	0.00
86) Perylene-d12	23.19	264	1302789	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	2123897	126.20	ng	0.00
7) Phenol-d6	6.64	99	2858490	123.21	ng	0.00
23) Nitrobenzene-d5	8.59	82	2141355	74.61	ng	0.00
41) 2,4,6-Tribromophenol	15.59	330	1322748	122.10	ng	0.00
44) 2-Fluorobiphenyl	12.70	172	4515075	79.23	ng	0.00
78) Terphenyl-d14	19.51	244	6592400	74.85	ng	0.00

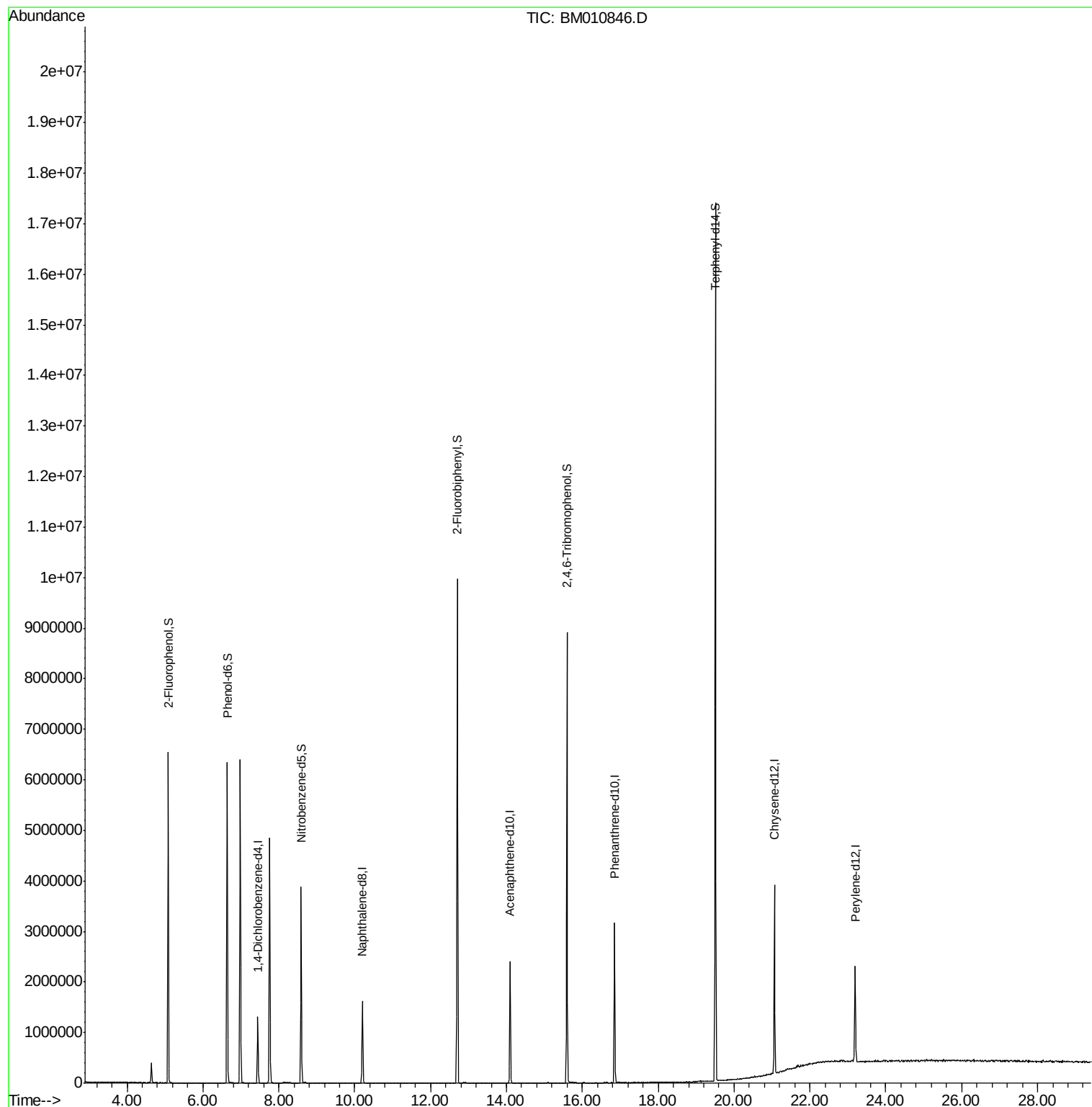
Target Compounds Qvalue

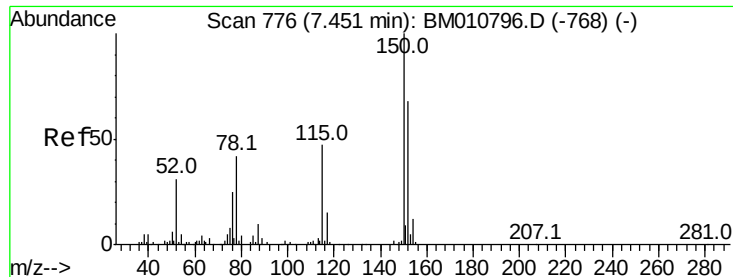
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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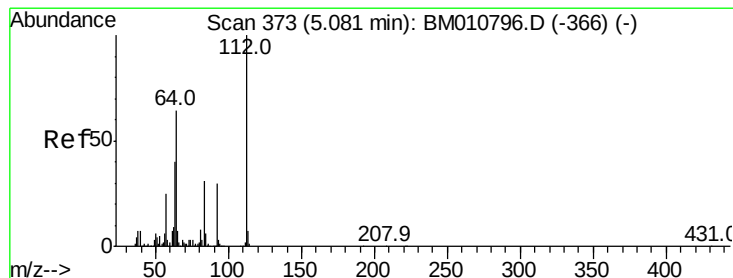
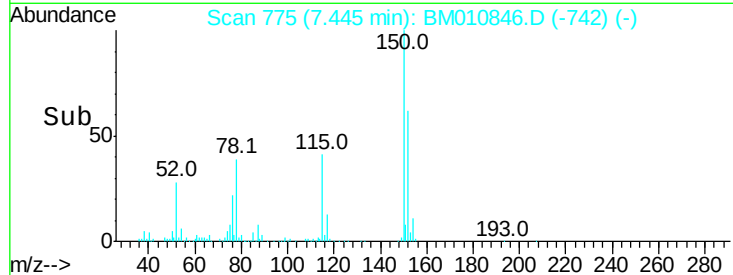
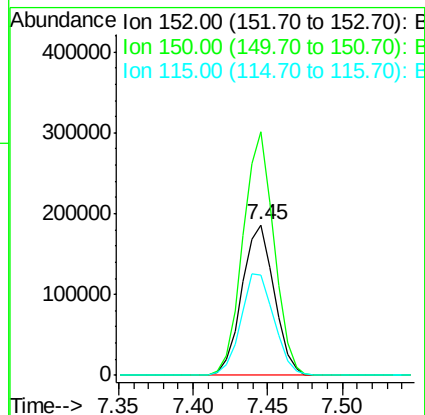
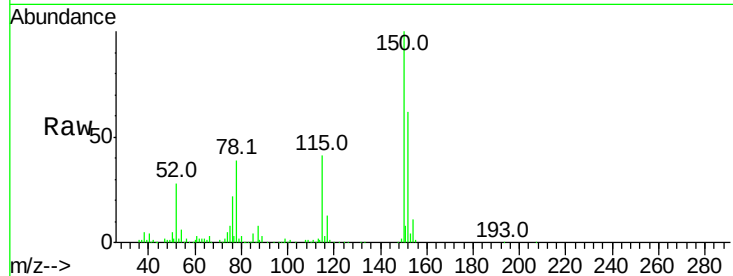


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. -0.01 min
Lab File: BM010846.D
Acq: 17 Jul 2017 22:10

Instrument :
BNA_M
ClientSampleId :
PB100668BL

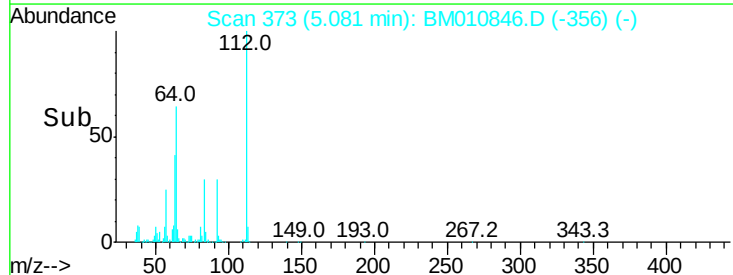
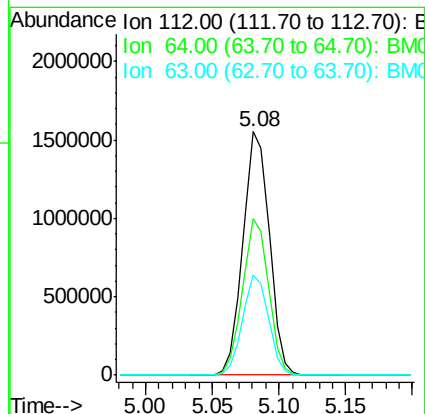
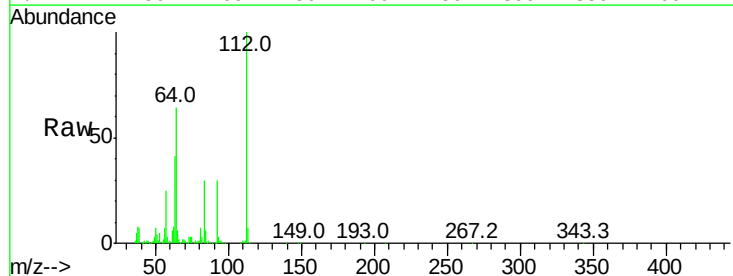
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.7	119.5	179.3
115	66.5	43.0	64.4

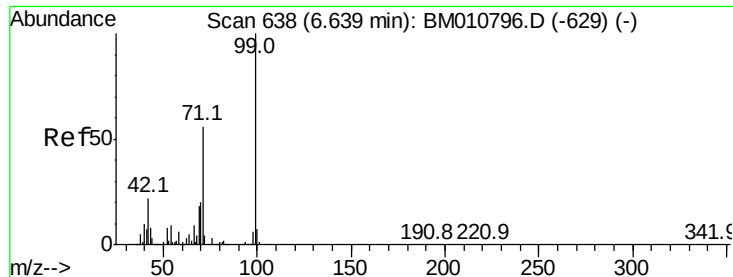


#5

2-Fluorophenol
Concen: 126.205 ng
RT: 5.08 min Scan# 373
Delta R.T. 0.00 min
Lab File: BM010846.D
Acq: 17 Jul 2017 22:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.5	38.6	57.8
63	41.0	19.3	28.9





#7

Phenol-d6

Concen: 123.210 ng

RT: 6.64 min Scan# 638

Delta R.T. 0.00 min

Lab File: BM010846.D

Acq: 17 Jul 2017 22:10

Instrument :

BNA_M

ClientSampleId :

PB100668BL

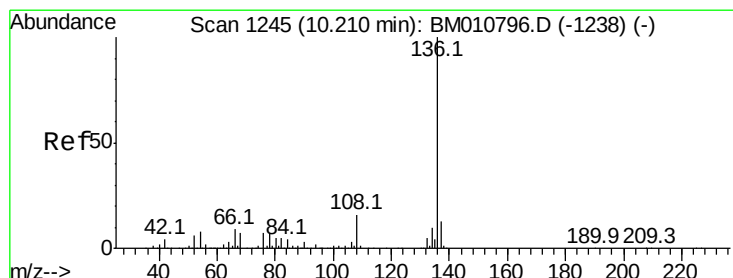
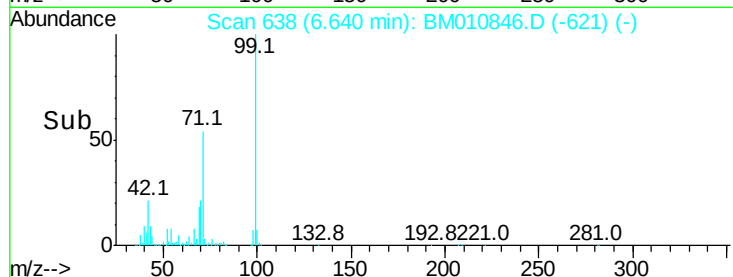
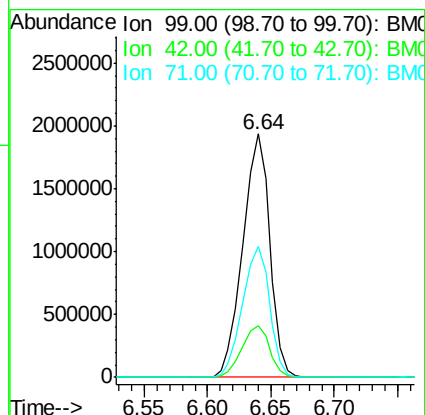
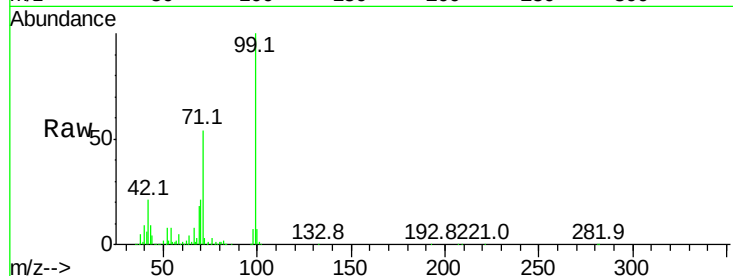
Tot Ion: 99 Resp: 2858490

Ion Ratio Lower Upper

99 100

42 21.3 11.0 16.4#

71 53.9 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: BM010846.D

Acq: 17 Jul 2017 22:10

Tgt Ion: 136 Resp: 1103218

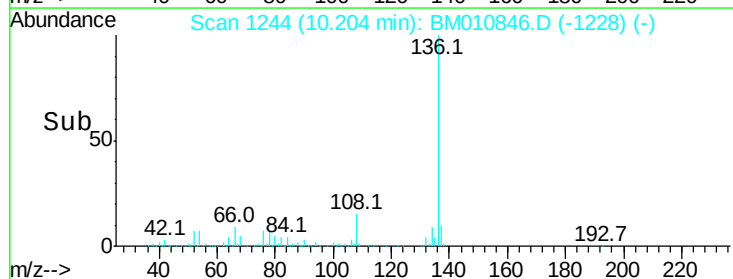
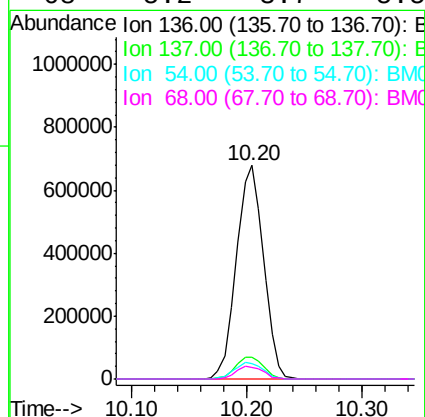
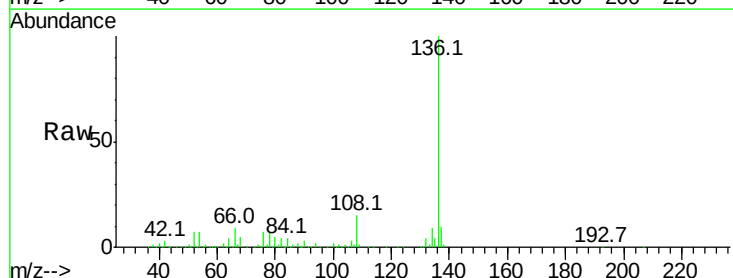
Ion Ratio Lower Upper

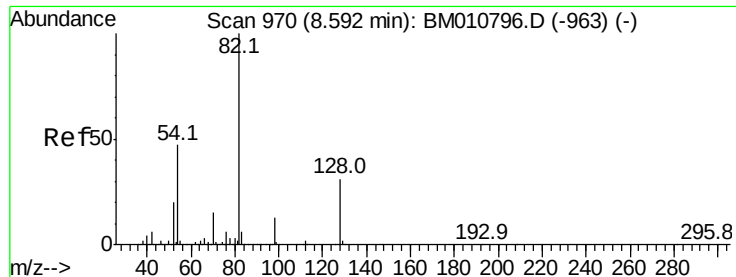
136 100

137 10.0 8.7 13.1

54 7.4 4.6 6.8#

68 5.2 3.7 5.5





#23

Nitrobenzene-d5

Concen: 74.608 ng

RT: 8.59 min Scan# 969

Delta R.T. -0.01 min

Lab File: BM010846.D

Acq: 17 Jul 2017 22:10

Instrument :

BNA_M

ClientSampleId :

PB100668BL

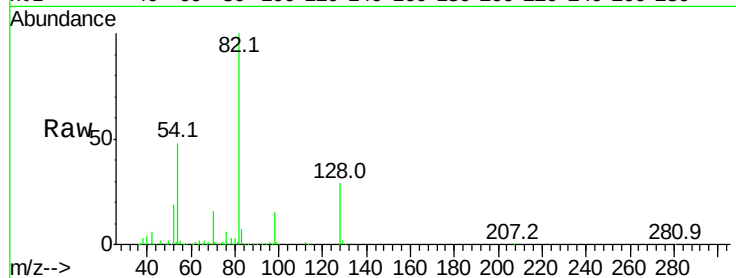
Tot Ion: 82 Resp: 2141355

Ion Ratio Lower Upper

82 100

128 29.1 32.8 49.2#

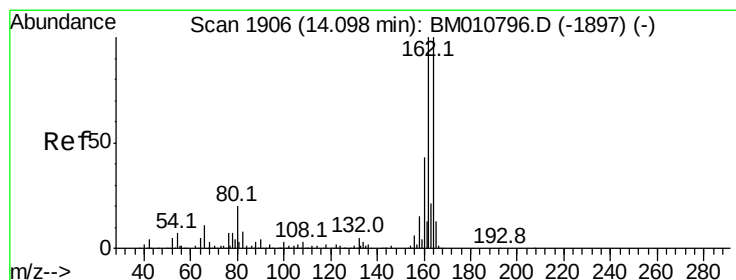
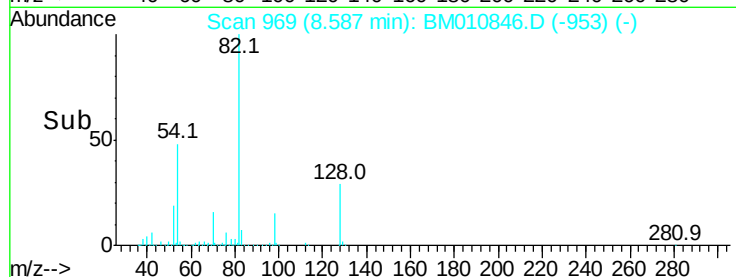
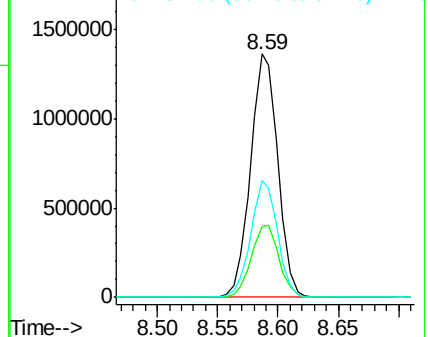
54 47.8 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM010796.D (-963) (-)

Ion 128.00 (127.70 to 128.70): BM010796.D (-963) (-)

Ion 54.00 (53.70 to 54.70): BM010796.D (-963) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.09 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BM010846.D

Acq: 17 Jul 2017 22:10

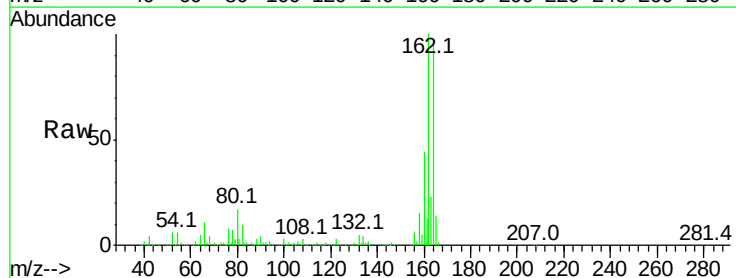
Tgt Ion: 164 Resp: 708897

Ion Ratio Lower Upper

164 100

162 103.2 82.4 123.6

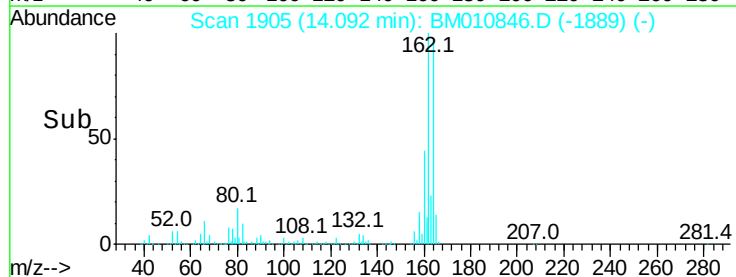
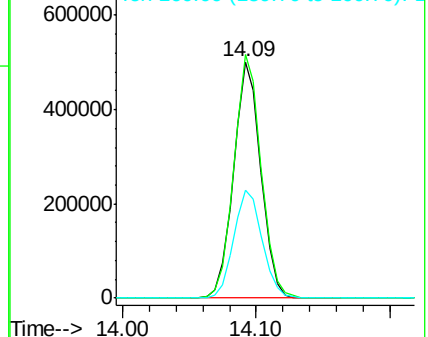
160 45.7 35.8 53.6

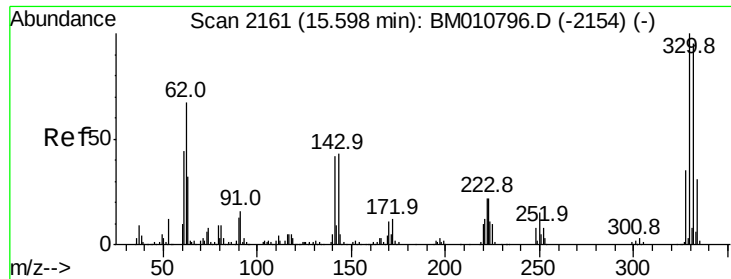


Abundance Ion 164.00 (163.70 to 164.70): BM010796.D (-1897) (-)

Ion 162.00 (161.70 to 162.70): BM010796.D (-1897) (-)

Ion 160.00 (159.70 to 160.70): BM010796.D (-1897) (-)

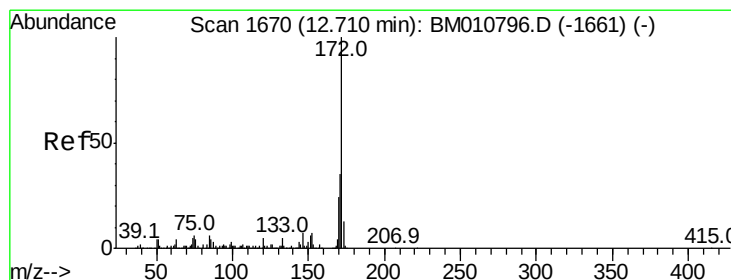
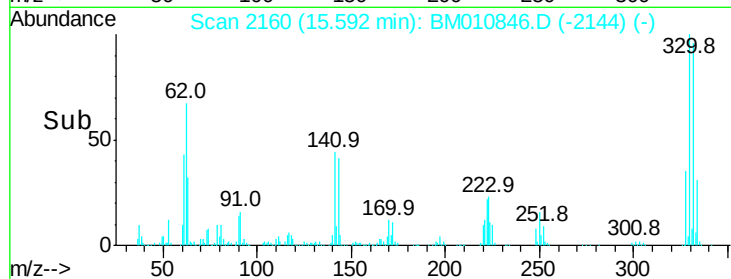
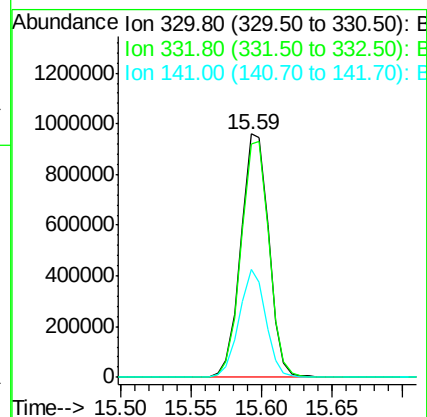
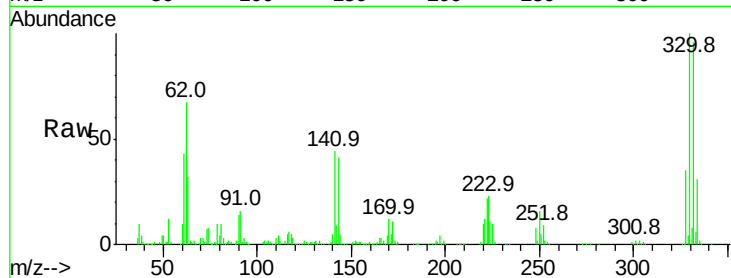




#41
 2,4,6-Tribromophenol
 Concen: 122.100 ng
 RT: 15.59 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BM010846.D
 Acq: 17 Jul 2017 22:10

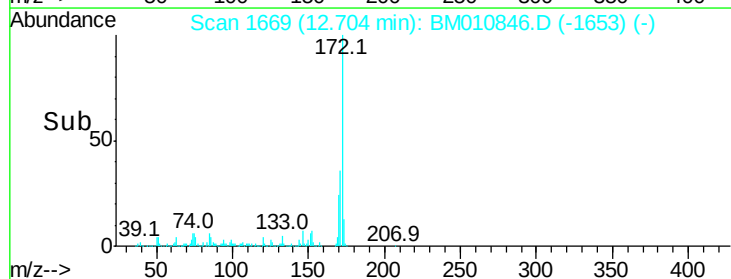
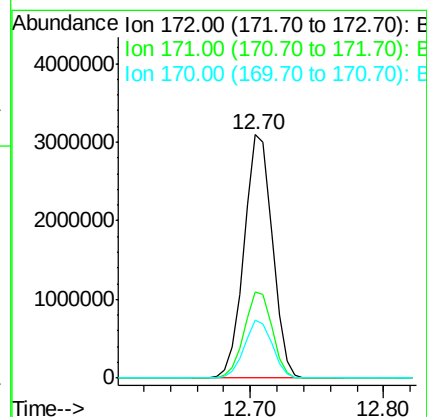
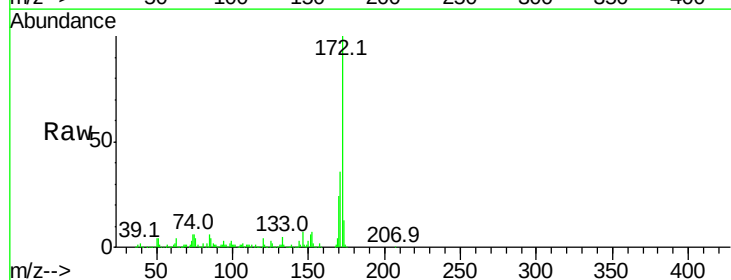
Instrument :
 BNA_M
 ClientSampleId :
 PB100668BL

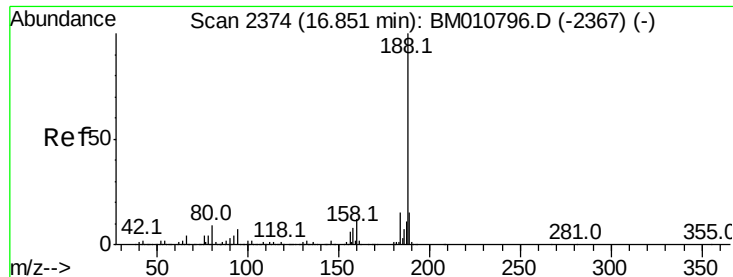
Tot Ion:330 Resp: 1322748
 Ion Ratio Lower Upper
 330 100
 332 97.4 0.0 0.0#
 141 42.4 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 79.234 ng
 RT: 12.70 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM010846.D
 Acq: 17 Jul 2017 22:10

Tgt Ion:172 Resp: 4515075
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.5 42.7
 170 23.6 18.8 28.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.84 min Scan# 2373

Delta R.T. -0.01 min

Lab File: BM010846.D

Acq: 17 Jul 2017 22:10

Instrument :

BNA_M

ClientSampleId :

PB100668BL

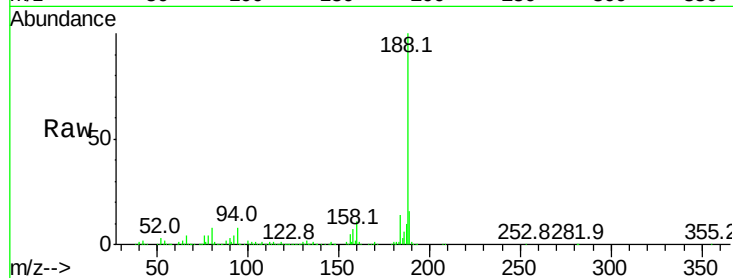
Tot Ion:188 Resp: 1725093

Ion	Ratio	Lower	Upper
188	100		
94	7.8	8.7	13.1#
80	8.2	9.3	13.9#

188 100

94 7.8 8.7 13.1#

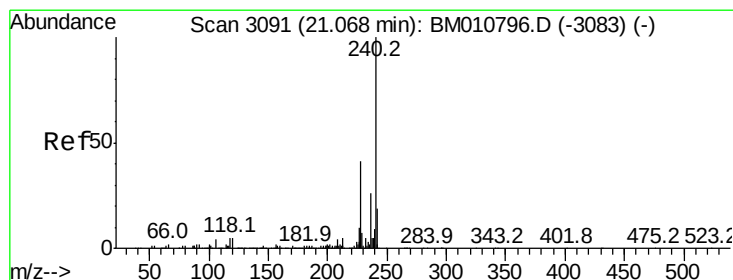
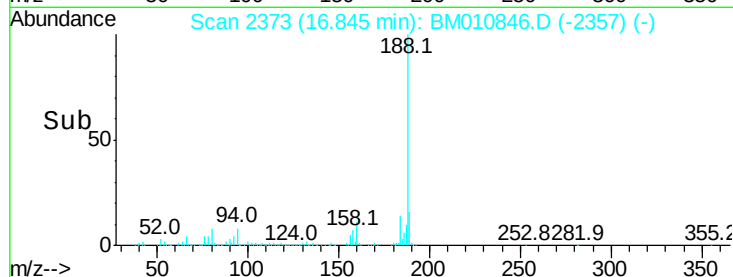
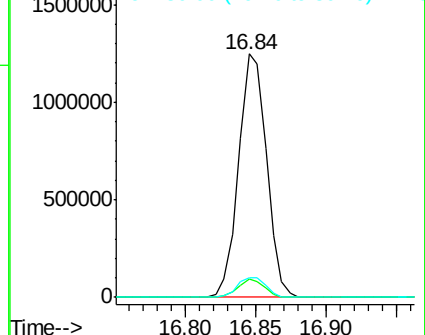
80 8.2 9.3 13.9#



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: BM010846.D

Acq: 17 Jul 2017 22:10

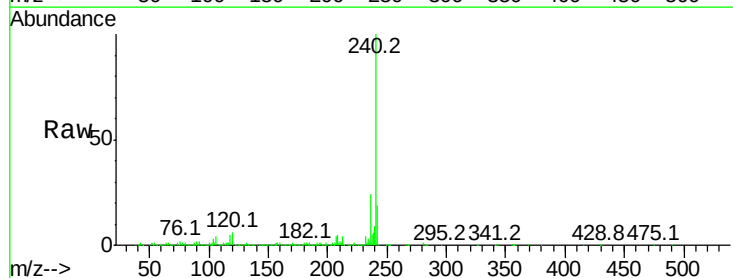
Tgt Ion:240 Resp: 1703433

Ion	Ratio	Lower	Upper
240	100		
120	5.7	8.2	12.2#
236	24.2	20.0	30.0

240 100

120 5.7 8.2 12.2#

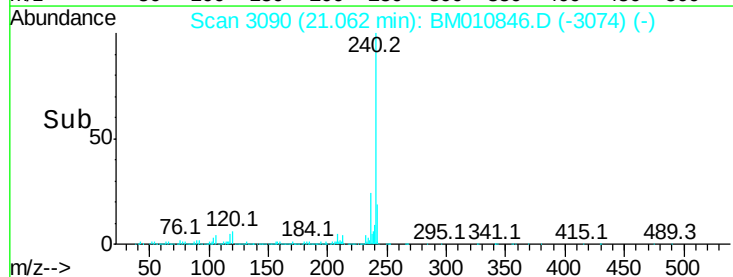
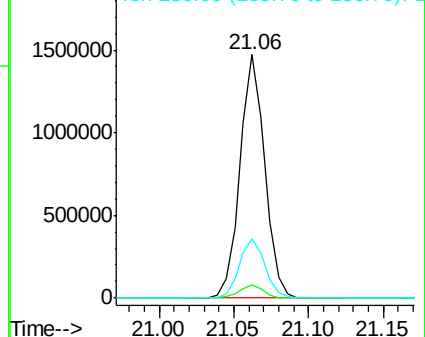
236 24.2 20.0 30.0

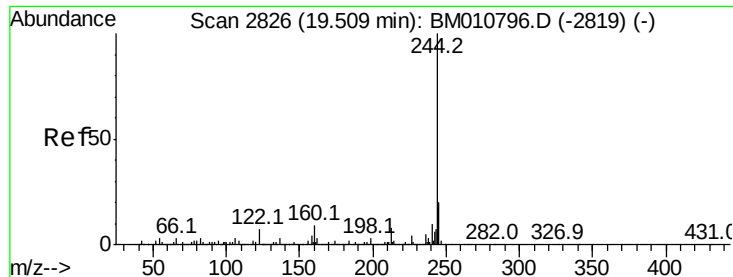


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 74.851 ng

RT: 19.51 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BM010846.D

Acq: 17 Jul 2017 22:10

Instrument :

BNA_M

ClientSampleId :

PB100668BL

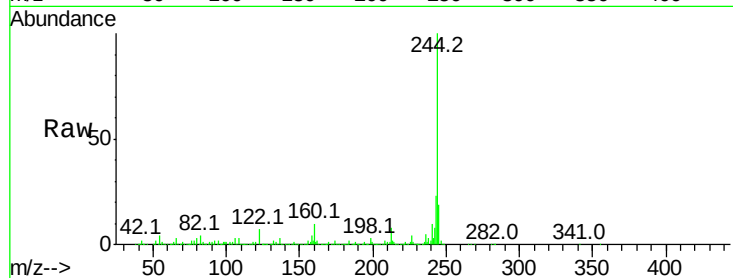
Tot Ion:244 Resp: 6592400

Ion Ratio Lower Upper

244 100

212 8.4 4.9 7.3#

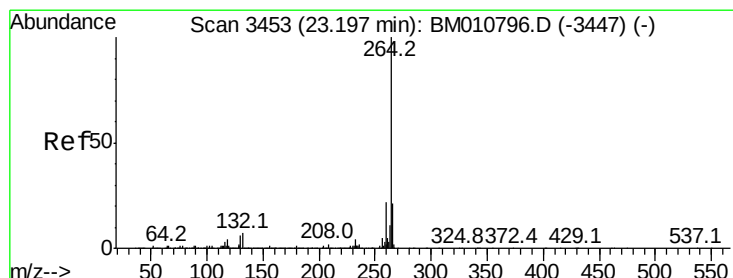
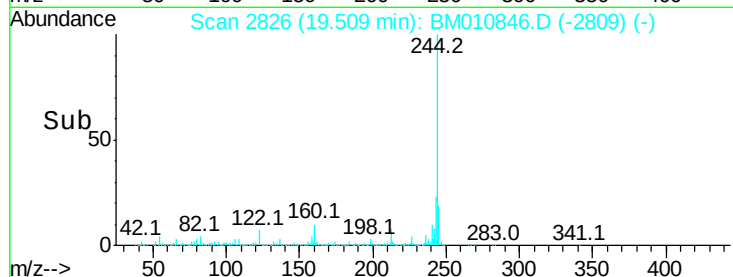
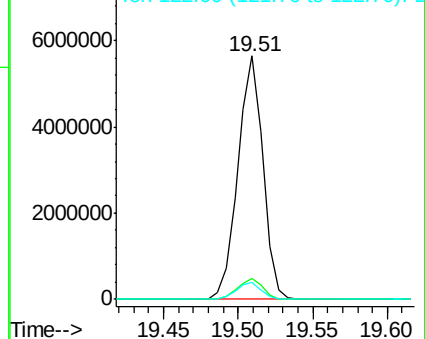
122 6.9 6.2 9.4



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# 3452

Delta R.T. -0.01 min

Lab File: BM010846.D

Acq: 17 Jul 2017 22:10

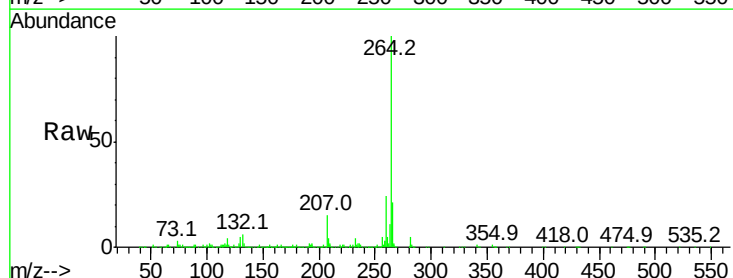
Tgt Ion:264 Resp: 1302789

Ion Ratio Lower Upper

264 100

260 24.1 18.6 27.8

265 20.9 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

