

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072417\
 Data File : BM010960.D
 Acq On : 24 Jul 2017 12:41
 Operator : SJ/JU
 Sample : PB100830TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 24 16:25:03 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	7.42	152	322159	20.00	ng	-0.03
21) Naphthalene-d8	10.18	136	1241713	20.00	ng	-0.03
38) Acenaphthene-d10	14.07	164	777907	20.00	ng	-0.02
63) Phenanthrene-d10	16.83	188	1675720	20.00	ng	-0.02
75) Chrysene-d12	21.05	240	1333111	20.00	ng	-0.02
86) Perylene-d12	23.17	264	655636	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	2866215	147.38	ng	-0.02
7) Phenol-d6	6.63	99	3828958	142.81	ng	-0.01
23) Nitrobenzene-d5	8.57	82	2926065	90.58	ng	-0.02
41) 2,4,6-Tribromophenol	15.58	330	1618548	136.15	ng	-0.02
44) 2-Fluorobiphenyl	12.69	172	5949634	95.15	ng	-0.02
78) Terphenyl-d14	19.49	244	6638346	96.31	ng	-0.02

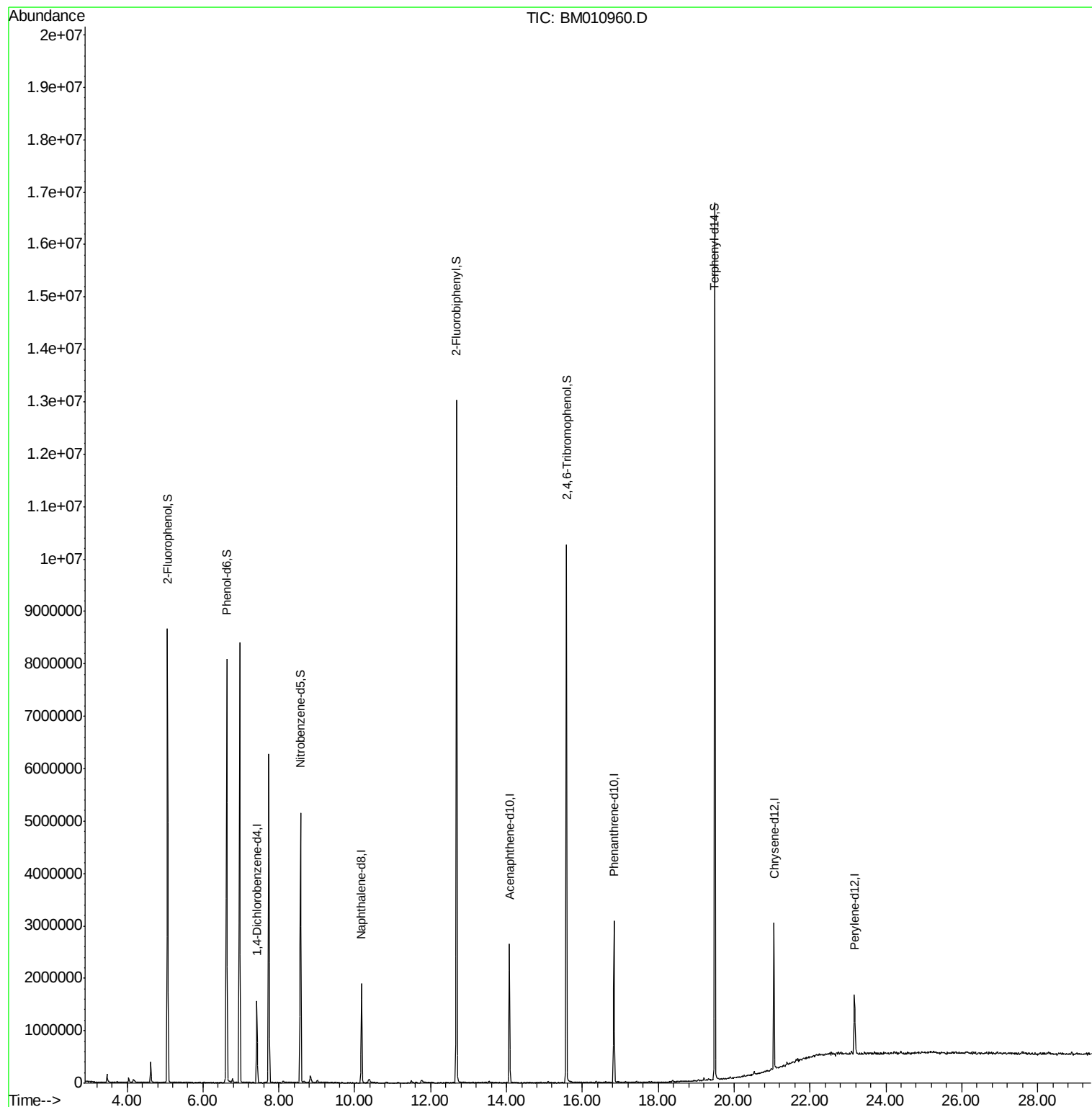
Target Compounds Qvalue

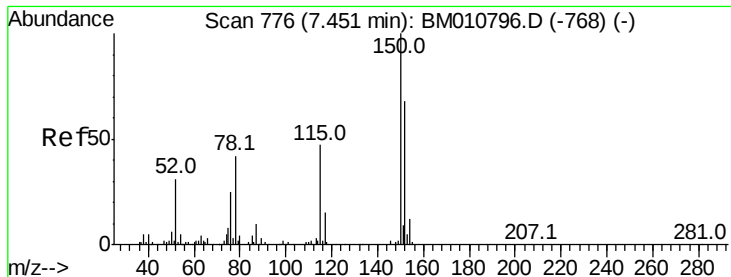
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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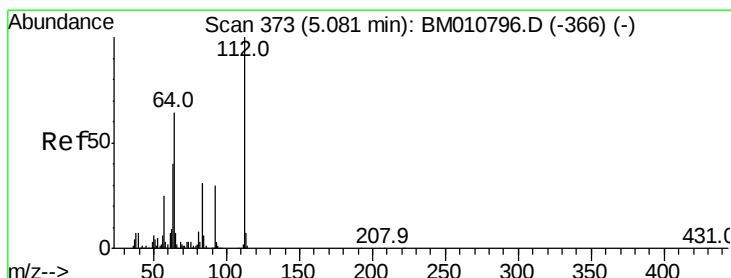
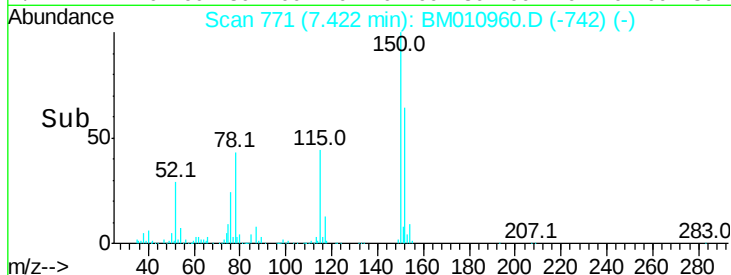
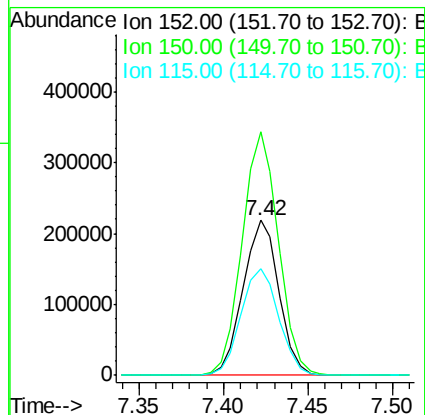
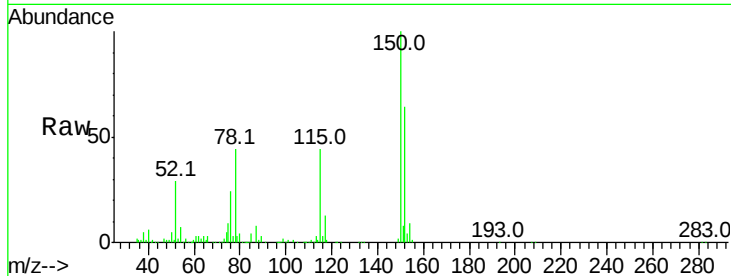


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.42 min Scan# 771
Delta R.T. -0.03 min
Lab File: BM010960.D
Acq: 24 Jul 2017 12:41

Instrument :
BNA_M
ClientSampleId :

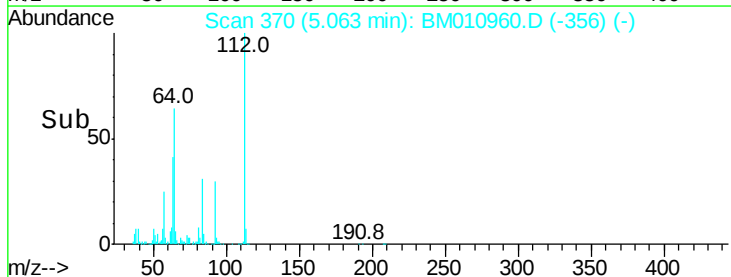
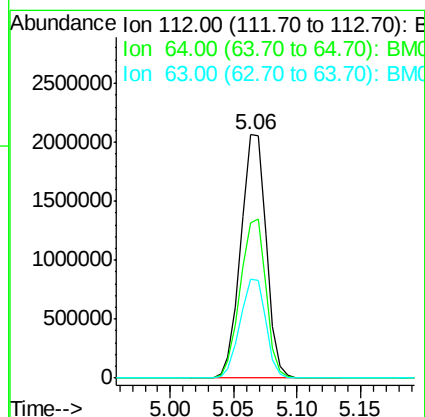
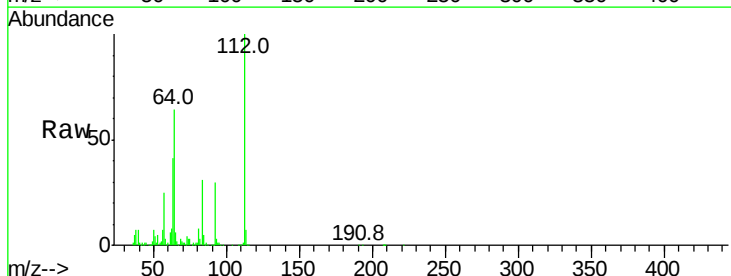
Tot Ion:152 Resp: 322159
Ion Ratio Lower Upper
152 100
150 157.4 119.5 179.3
115 69.1 43.0 64.4#

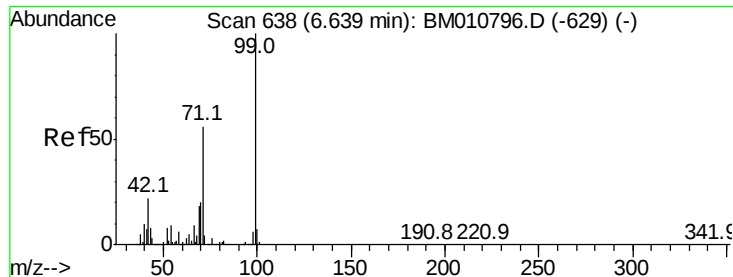


#5

2-Fluorophenol
Concen: 147.376 ng
RT: 5.06 min Scan# 370
Delta R.T. -0.02 min
Lab File: BM010960.D
Acq: 24 Jul 2017 12:41

Tgt Ion:112 Resp: 2866215
Ion Ratio Lower Upper
112 100
64 63.9 38.6 57.8#
63 40.6 19.3 28.9#





#7

Phenol-d6

Concen: 142.812 ng

RT: 6.63 min Scan# 636

Delta R.T. -0.01 min

Lab File: BM010960.D

Acq: 24 Jul 2017 12:41

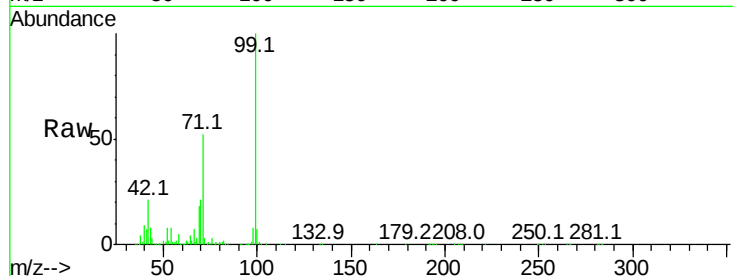
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 3828958

Ion	Ratio	Lower	Upper
99	100		
42	20.8	11.0	16.4#
71	52.3	23.4	35.2#

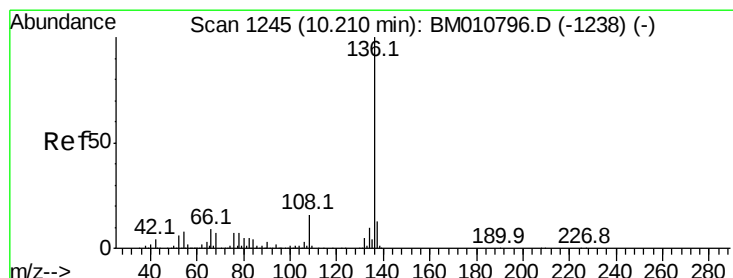
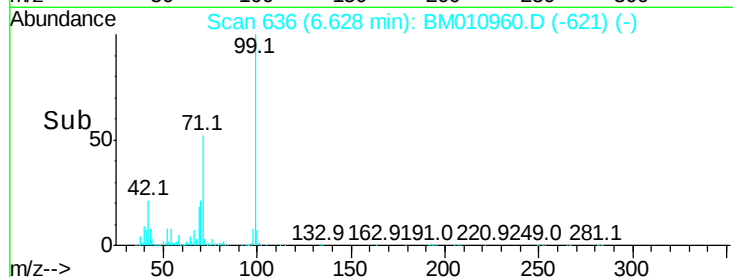
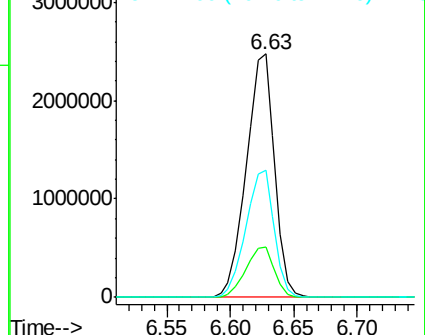


Abundance

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: 10.18 min Scan# 1240

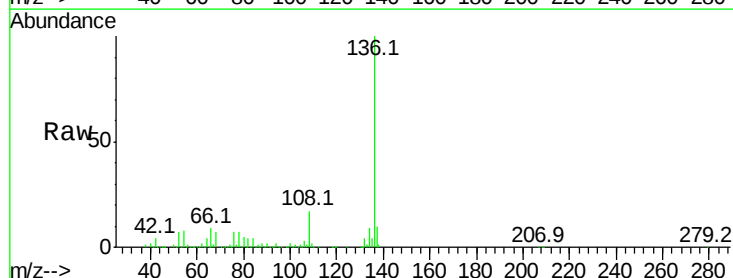
Delta R.T. -0.03 min

Lab File: BM010960.D

Acq: 24 Jul 2017 12:41

Tgt Ion: 136 Resp: 1241713

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.7	13.1
54	7.9	4.6	6.8#
68	6.7	3.7	5.5#



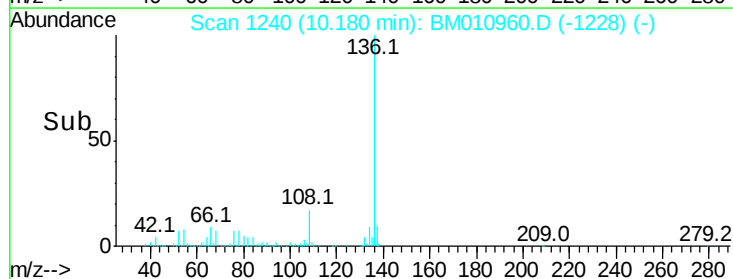
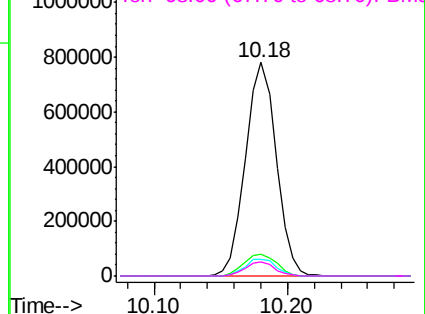
Abundance

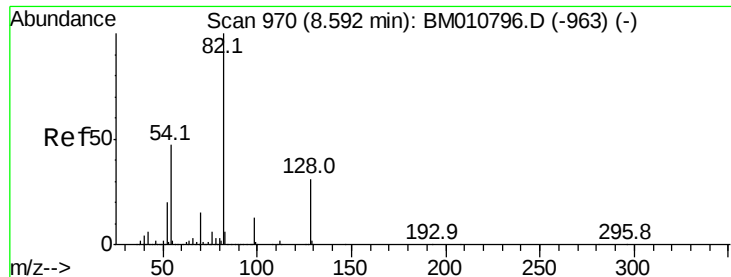
Ion 136.00 (135.70 to 136.70): BM010796.D (-1238) (-)

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: 90.577 ng

RT: 8.57 min Scan# 966

Delta R.T. -0.02 min

Lab File: BM010960.D

Acq: 24 Jul 2017 12:41

Instrument :

BNA_M

ClientSampled :

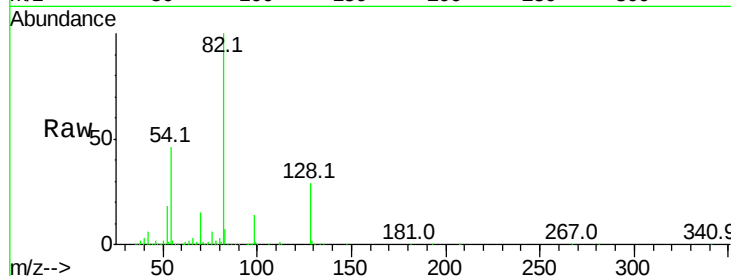
Tot Ion: 82 Resp: 2926065

Ion Ratio Lower Upper

82 100

128 28.6 32.8 49.2#

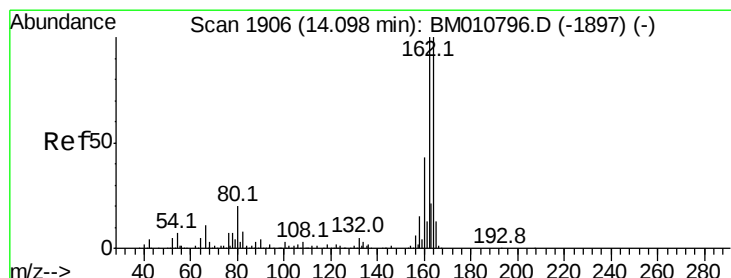
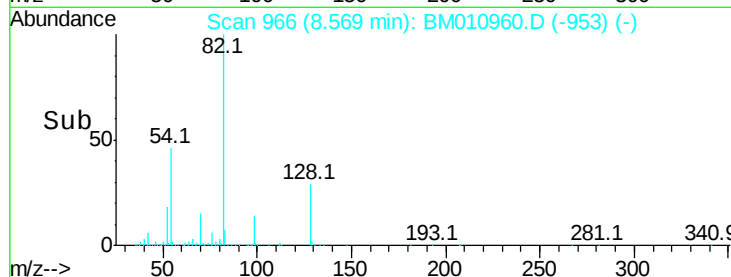
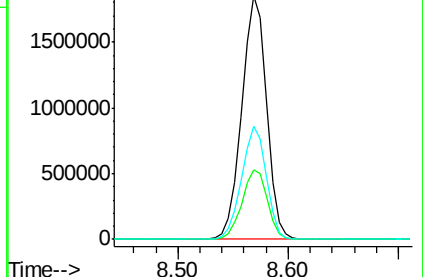
54 46.4 40.6 60.8



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: 14.07 min Scan# 1902

Delta R.T. -0.02 min

Lab File: BM010960.D

Acq: 24 Jul 2017 12:41

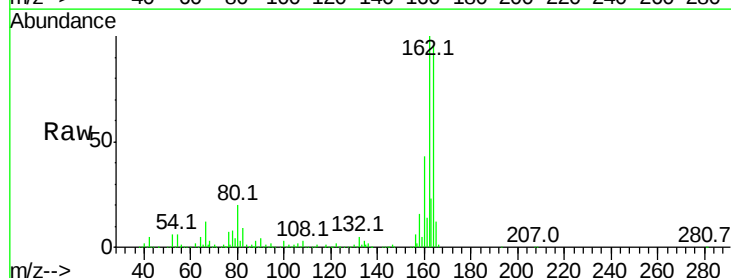
Tgt Ion: 164 Resp: 777907

Ion Ratio Lower Upper

164 100

162 104.6 82.4 123.6

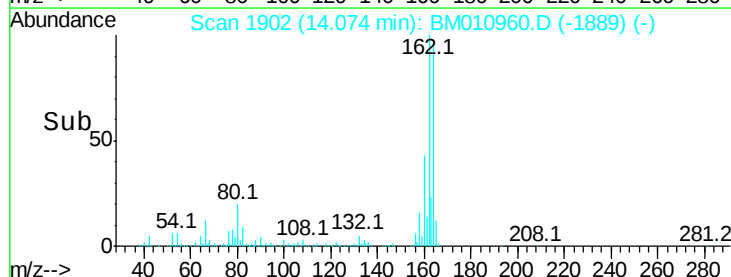
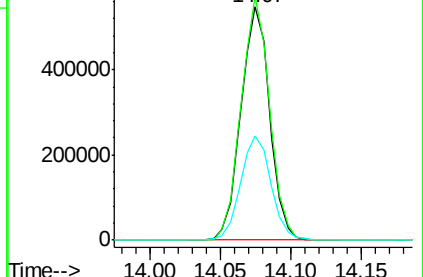
160 44.5 35.8 53.6

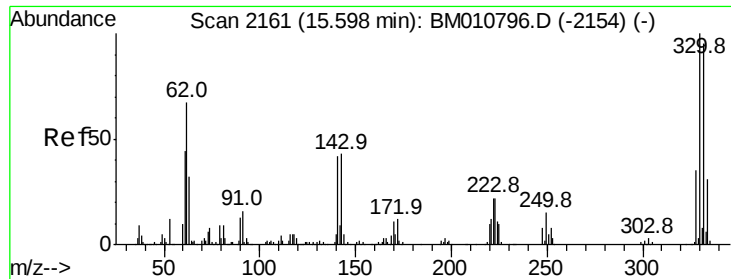


Abundance Ion 164.00 (163.70 to 164.70): BM010796.D (-1897) (-)

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

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

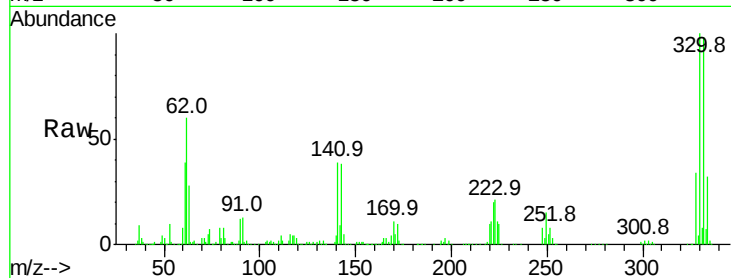




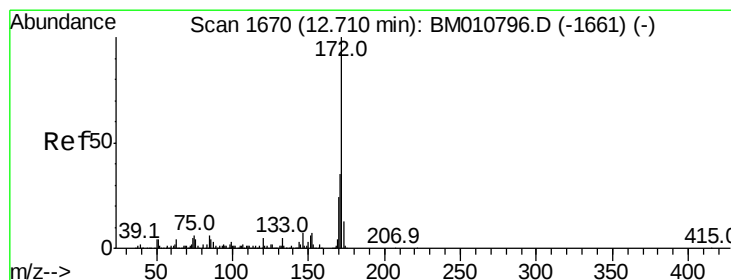
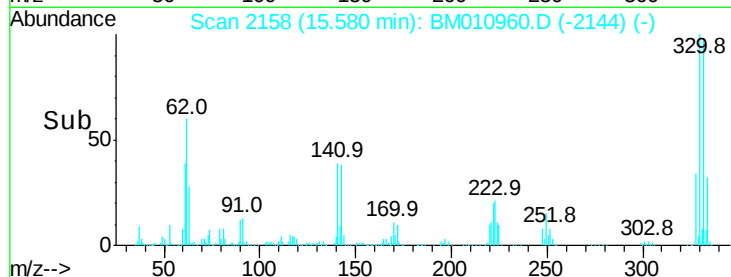
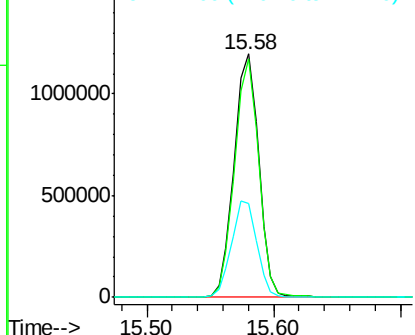
#41
 2,4,6-Tribromophenol
 Concen: 136.151 ng
 RT: 15.58 min Scan# 2158
 Delta R.T. -0.02 min
 Lab File: BM010960.D
 Acq: 24 Jul 2017 12:41

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 1618548
 Ion Ratio Lower Upper
 330 100
 332 95.7 0.0 0.0#
 141 40.6 0.0 0.0#

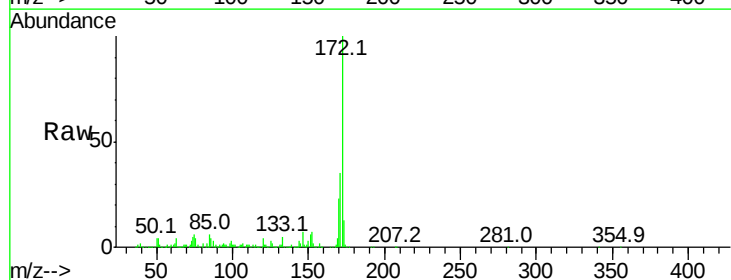


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

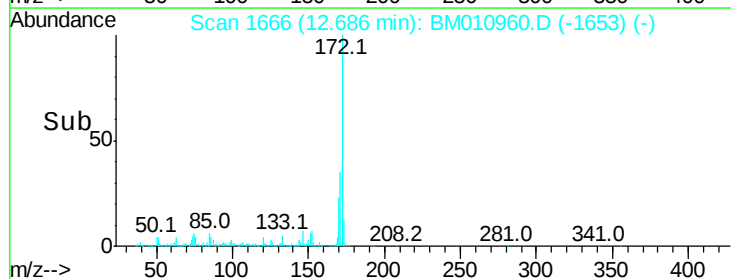
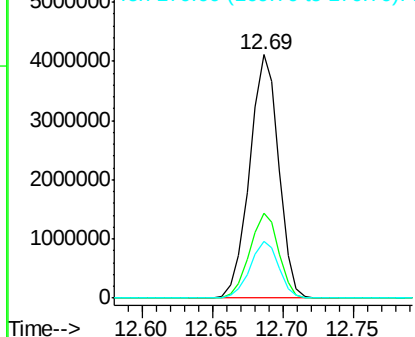


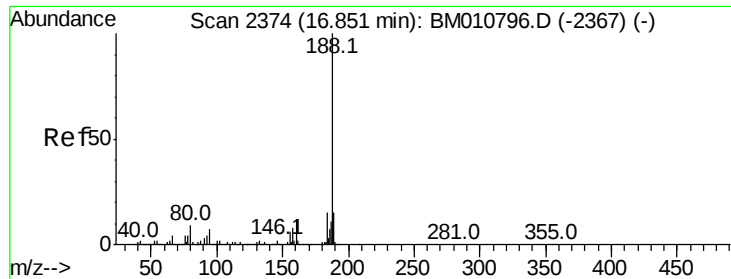
#44
 2-Fluorobiphenyl
 Concen: 95.146 ng
 RT: 12.69 min Scan# 1666
 Delta R.T. -0.02 min
 Lab File: BM010960.D
 Acq: 24 Jul 2017 12:41

Tgt Ion:172 Resp: 5949634
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.5 42.7
 170 23.5 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

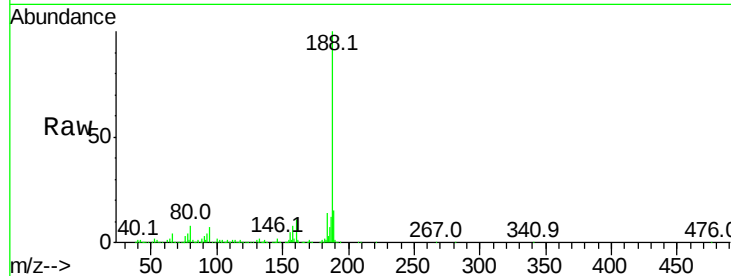




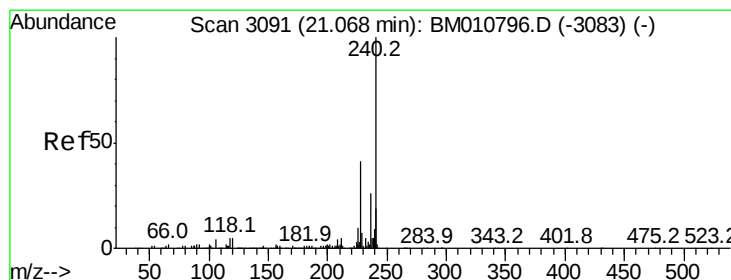
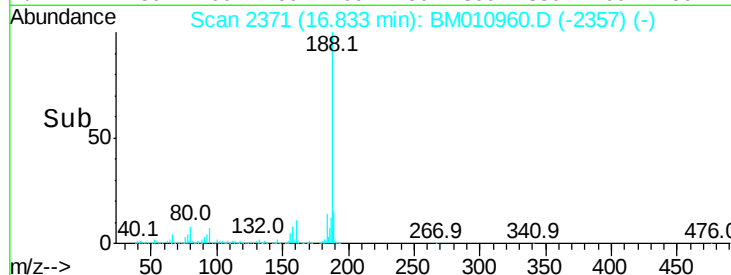
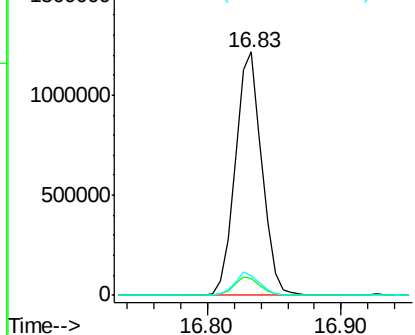
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.83 min Scan# 2371
Delta R.T. -0.02 min
Lab File: BM010960.D
Acq: 24 Jul 2017 12:41

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 1675720
Ion Ratio Lower Upper
188 100
94 7.1 8.7 13.1#
80 7.8 9.3 13.9#

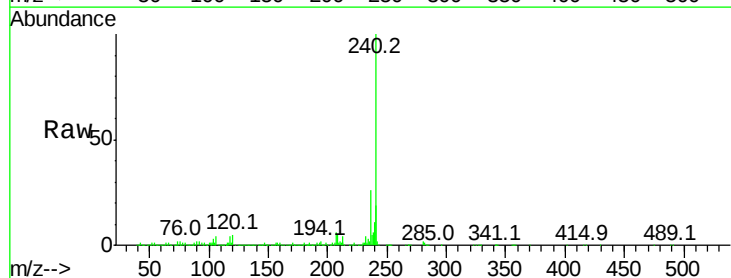


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM010960.D (-2367) (-)
Ion 80.00 (79.70 to 80.70): BM010960.D (-2367) (-)

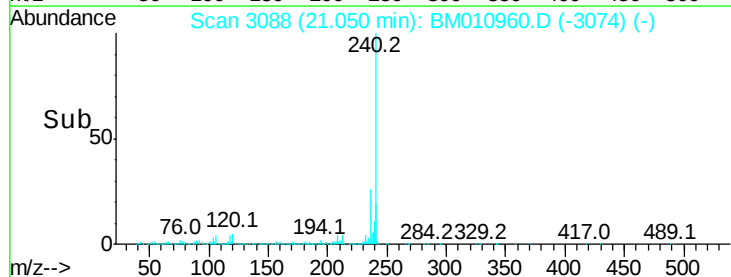
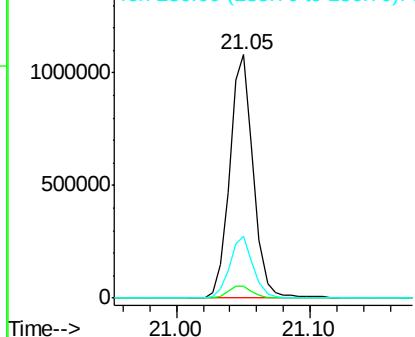


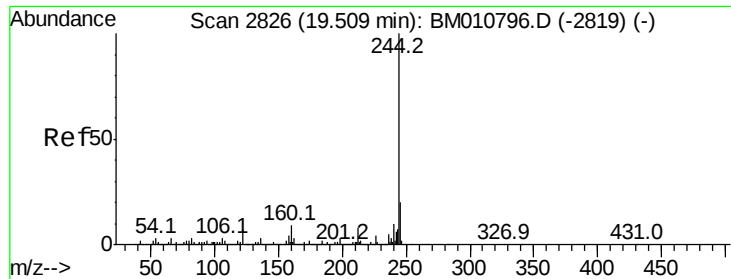
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.05 min Scan# 3088
Delta R.T. -0.02 min
Lab File: BM010960.D
Acq: 24 Jul 2017 12:41

Tgt Ion:240 Resp: 1333111
Ion Ratio Lower Upper
240 100
120 5.0 8.2 12.2#
236 25.6 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: 96.310 ng

RT: 19.49 min Scan# 2823

Delta R.T. -0.02 min

Lab File: BM010960.D

Acq: 24 Jul 2017 12:41

Instrument :

BNA_M

ClientSampleId :

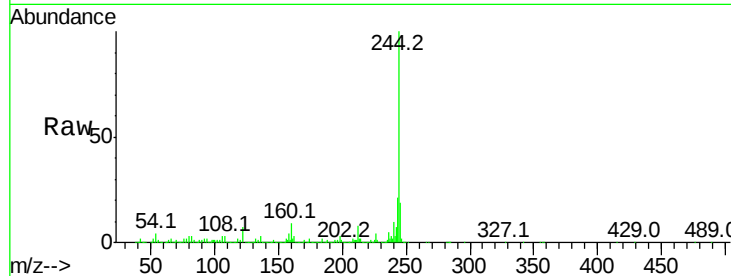
Tot Ion:244 Resp: 6638346

Ion Ratio Lower Upper

244 100

212 8.1 4.9 7.3#

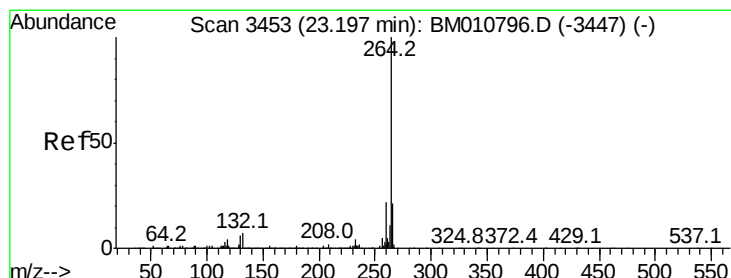
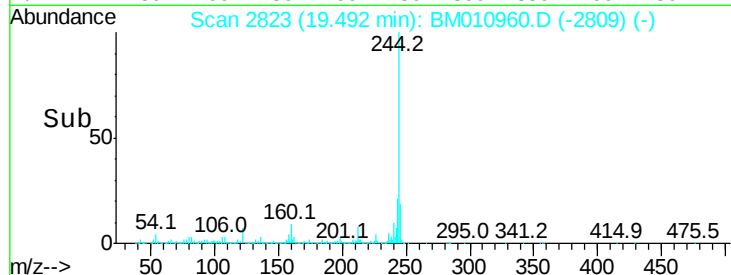
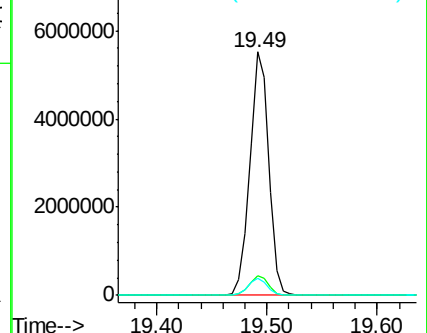
122 7.0 6.2 9.4



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: 23.17 min Scan# 3449

Delta R.T. -0.02 min

Lab File: BM010960.D

Acq: 24 Jul 2017 12:41

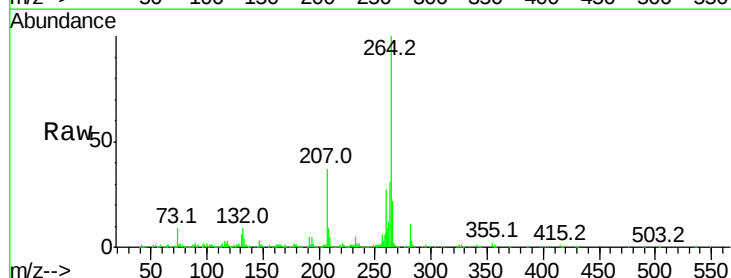
Tgt Ion:264 Resp: 655636

Ion Ratio Lower Upper

264 100

260 27.0 18.6 27.8

265 22.0 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

