

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072017\
 Data File : BM010923.D
 Acq On : 20 Jul 2017 23:53
 Operator : SJ/JU
 Sample : PB100784BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 21 02:25:00 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	7.43	152	204445	20.00	ng	-0.02
21) Naphthalene-d8	10.19	136	737552	20.00	ng	-0.02
38) Acenaphthene-d10	14.09	164	471375	20.00	ng	-0.01
63) Phenanthrene-d10	16.84	188	1038794	20.00	ng	0.00
75) Chrysene-d12	21.06	240	884086	20.00	ng	-0.01
86) Perylene-d12	23.19	264	839981	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1636846	132.62	ng	0.00
7) Phenol-d6	6.63	99	2159330	126.91	ng	0.00
23) Nitrobenzene-d5	8.58	82	1727341	90.02	ng	-0.01
41) 2,4,6-Tribromophenol	15.59	330	836558	116.13	ng	0.00
44) 2-Fluorobiphenyl	12.70	172	3448976	91.02	ng	-0.01
78) Terphenyl-d14	19.50	244	3941668	86.23	ng	0.00

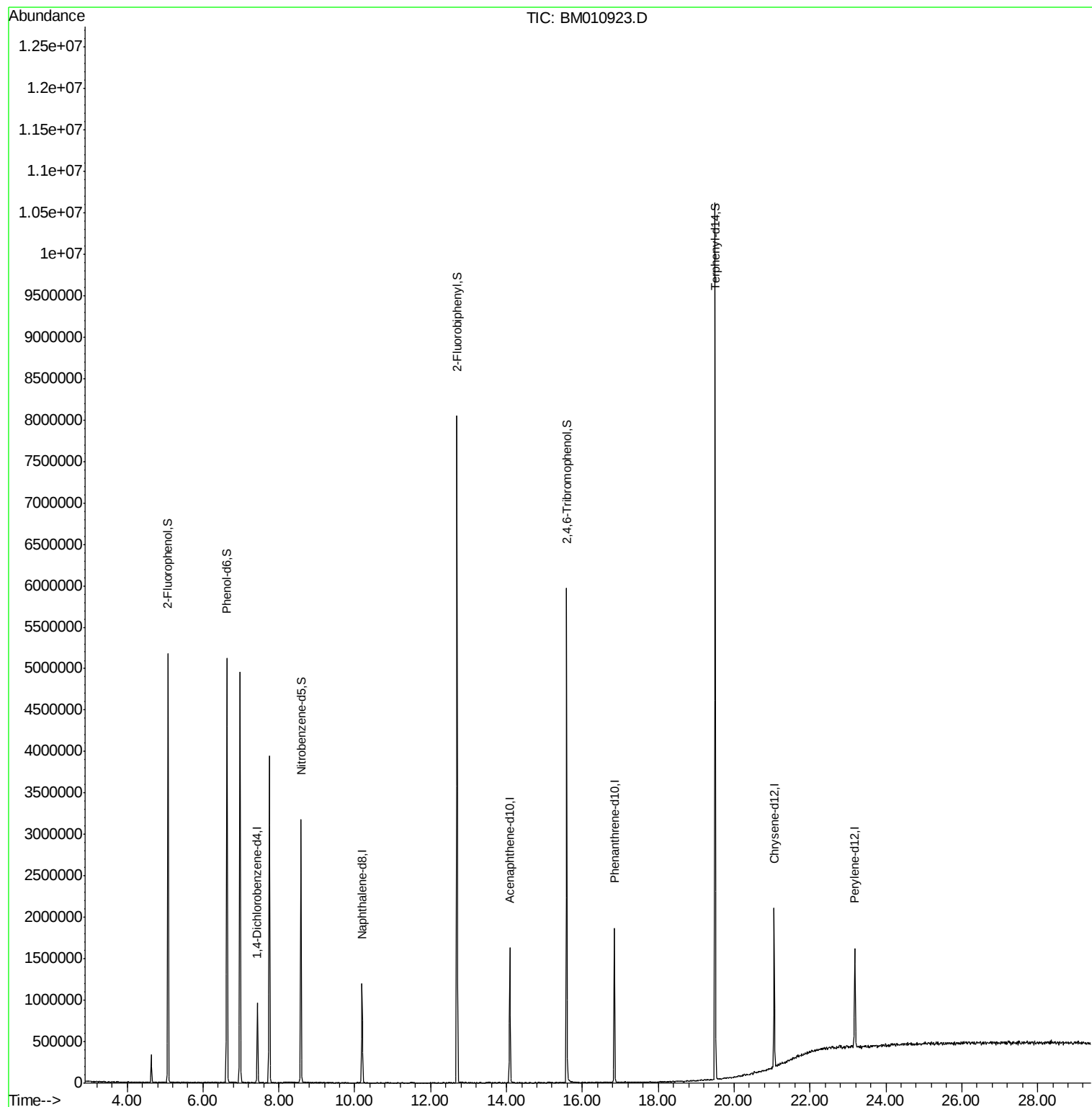
Target Compounds Qvalue

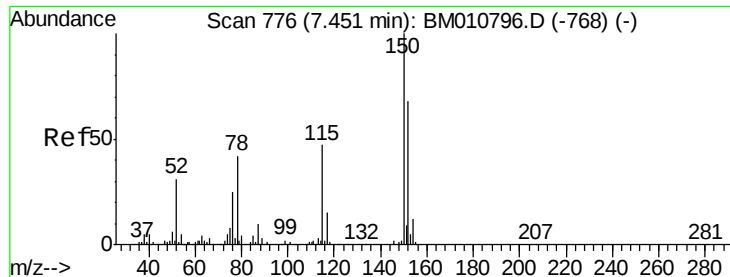
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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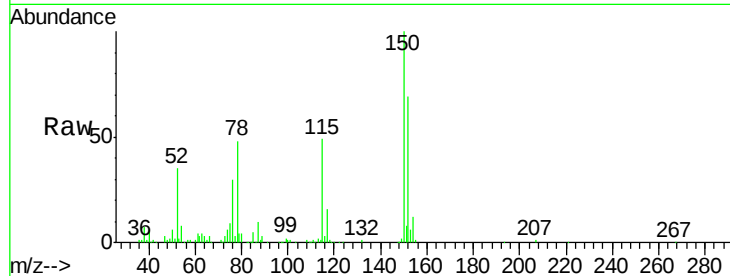


#1

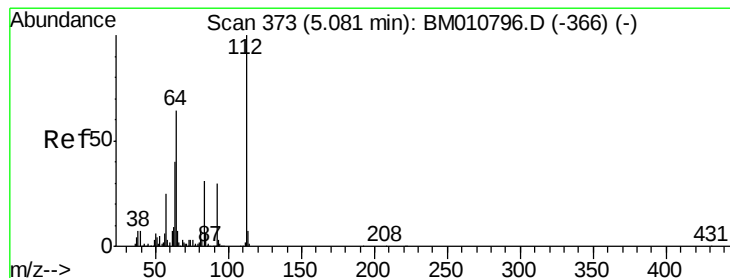
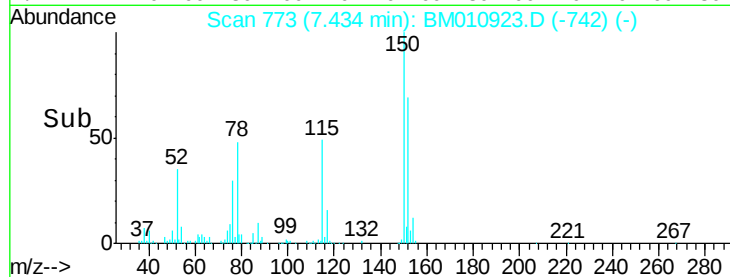
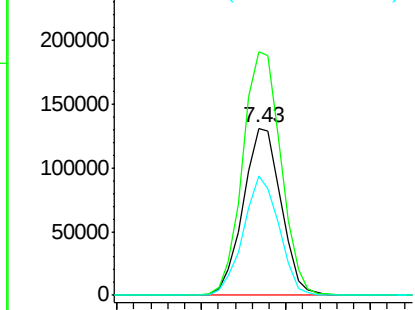
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.43 min Scan# 773
Delta R.T. -0.02 min
Lab File: BM010923.D
Acq: 20 Jul 2017 23:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 204445
Ion Ratio Lower Upper
152 100
150 145.8 119.5 179.3
115 71.8 43.0 64.4#



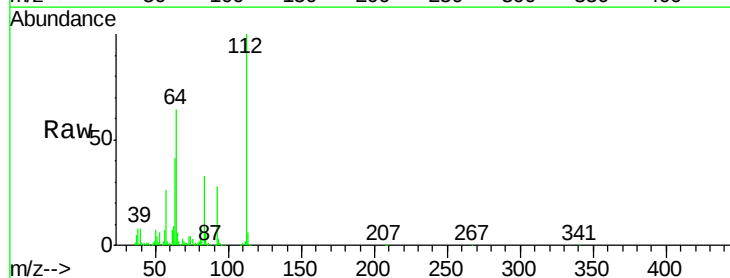
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



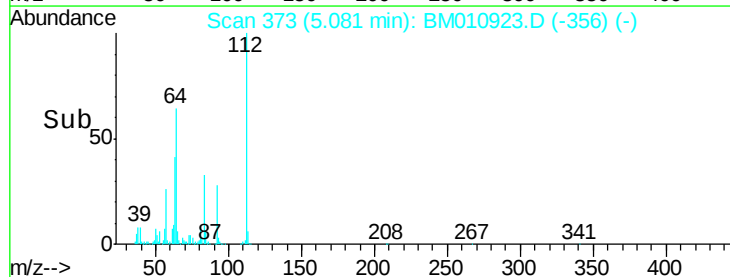
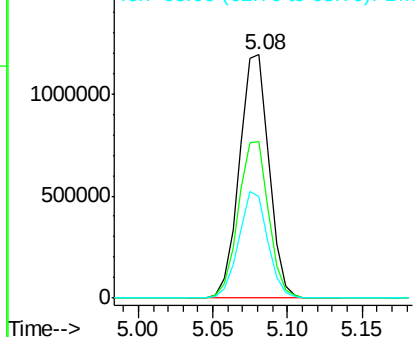
#5

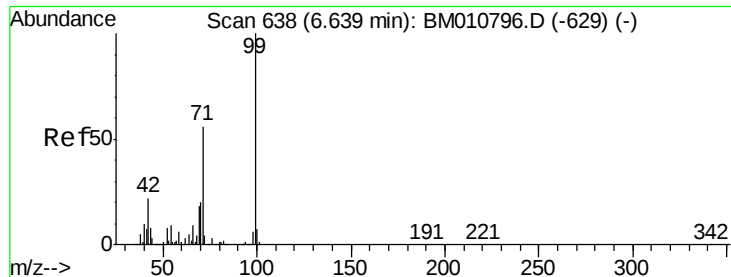
2-Fluorophenol
Concen: 132.62 ng
RT: 5.08 min Scan# 373
Delta R.T. 0.00 min
Lab File: BM010923.D
Acq: 20 Jul 2017 23:53

Tgt Ion:112 Resp: 1636846
Ion Ratio Lower Upper
112 100
64 64.4 38.6 57.8#
63 41.4 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 126.91 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM010923.D

Acq: 20 Jul 2017 23:53

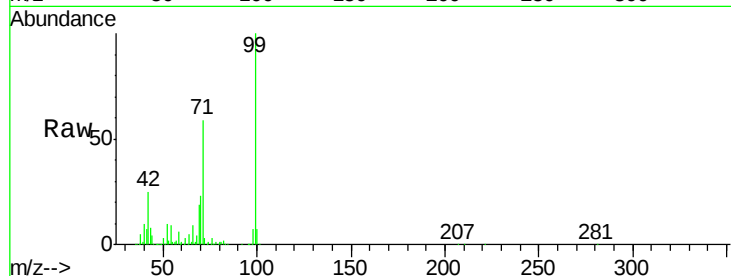
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 2159330

Ion	Ratio	Lower	Upper
99	100		
42	24.6	11.0	16.4#
71	59.3	23.4	35.2#

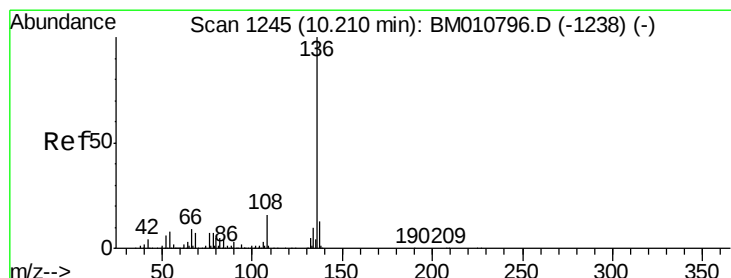
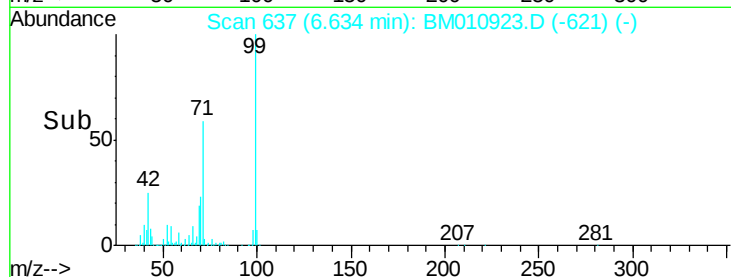
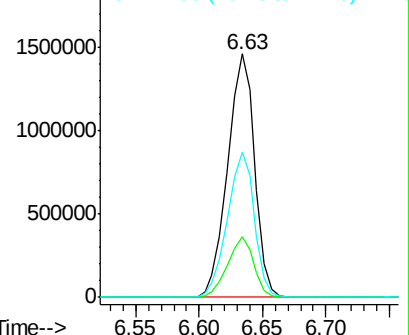


Abundance

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: 20.00 ng

RT: 10.19 min Scan# 1242

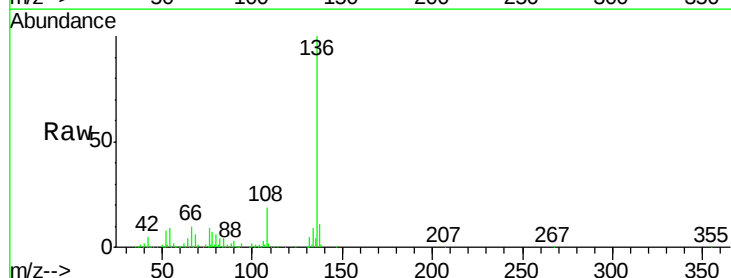
Delta R.T. -0.02 min

Lab File: BM010923.D

Acq: 20 Jul 2017 23:53

Tgt Ion: 136 Resp: 737552

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	9.2	4.6	6.8#
68	6.0	3.7	5.5#



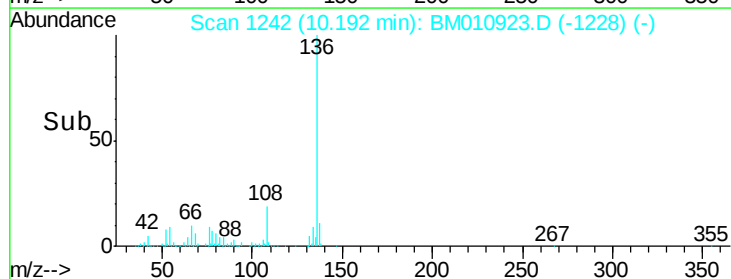
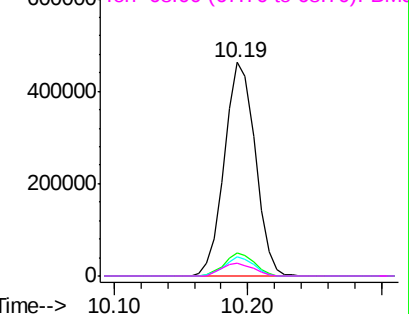
Abundance

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: 90.02 ng

RT: 8.58 min Scan# 968

Delta R.T. -0.01 min

Lab File: BM010923.D

Acq: 20 Jul 2017 23:53

Instrument :

BNA_M

ClientSampleId :

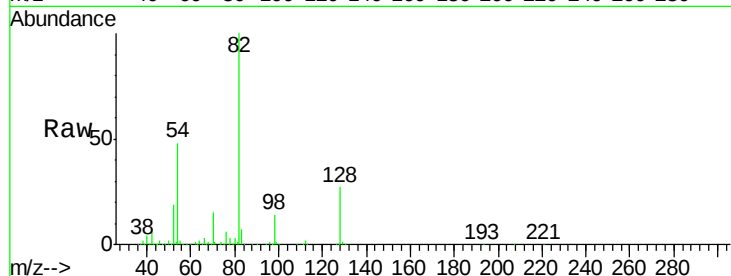
Tot Ion: 82 Resp: 1727341

Ion Ratio Lower Upper

82 100

128 27.1 32.8 49.2#

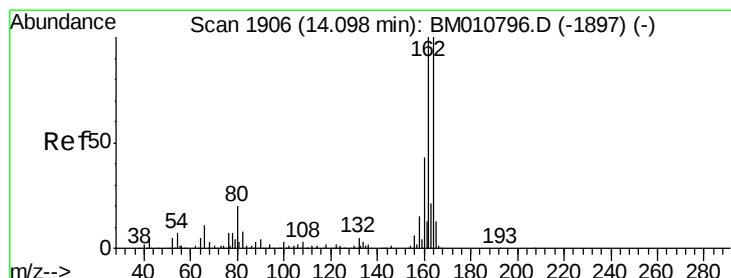
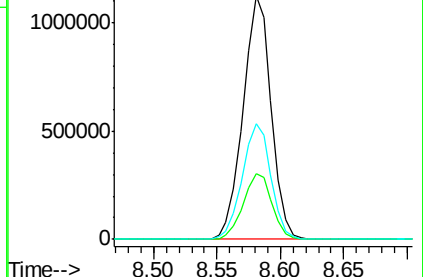
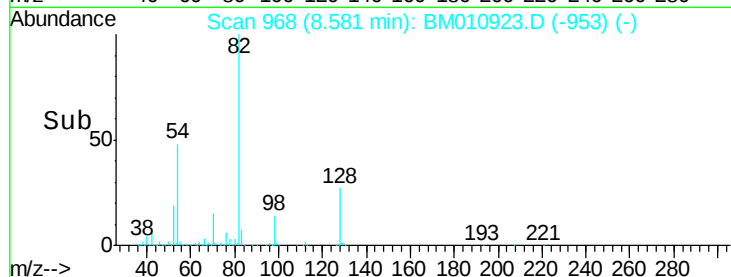
54 47.7 40.6 60.8



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: 20.00 ng

RT: 14.09 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BM010923.D

Acq: 20 Jul 2017 23:53

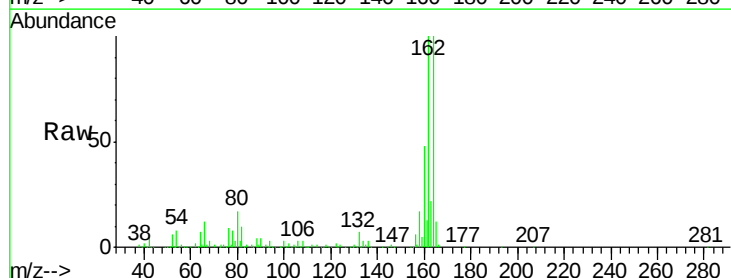
Tgt Ion:164 Resp: 471375

Ion Ratio Lower Upper

164 100

162 99.5 82.4 123.6

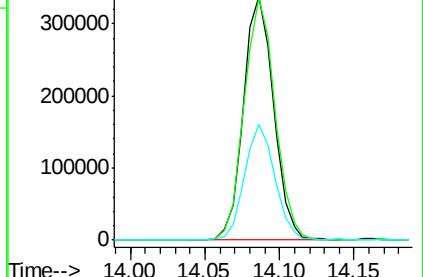
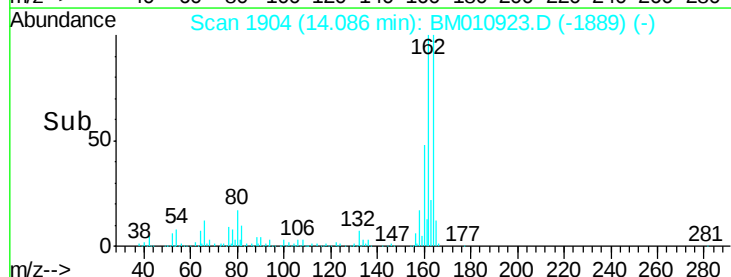
160 47.6 35.8 53.6

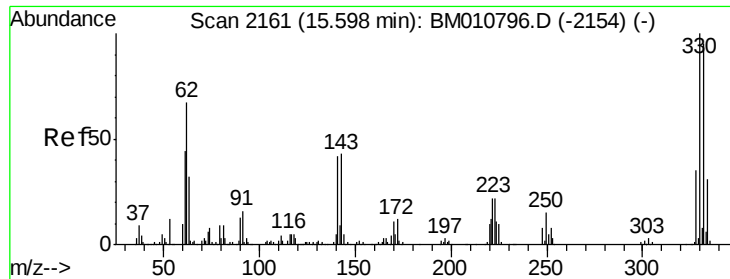


Abundance Ion 164.00 (163.70 to 164.70): BM010796.D (-1897) (-)

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

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

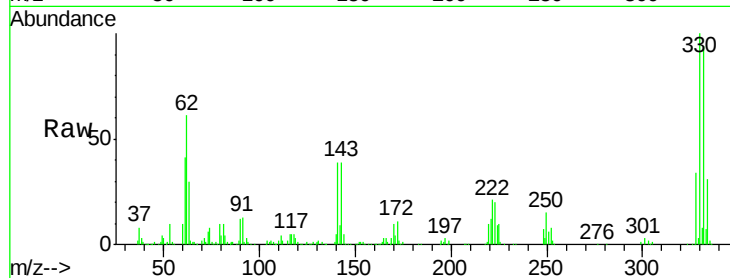




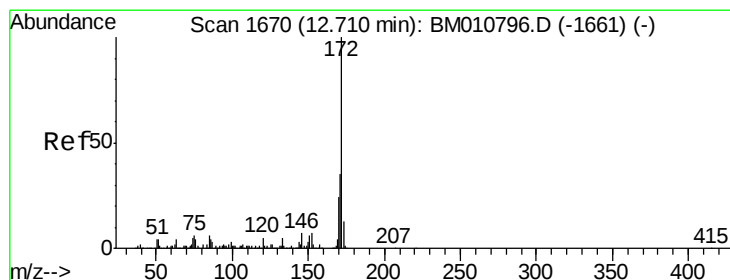
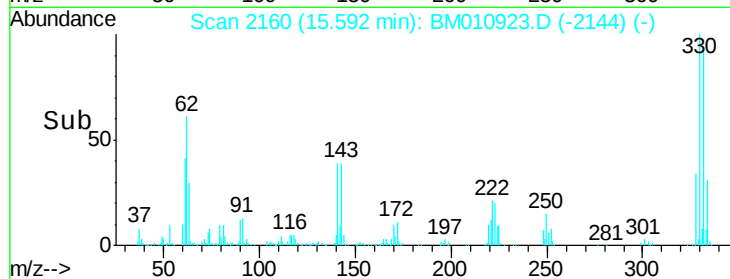
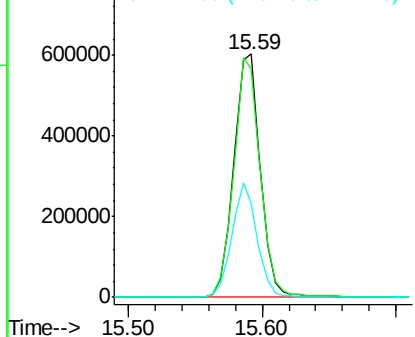
#41
 2,4,6-Tribromophenol
 Concen: 116.13 ng
 RT: 15.59 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BM010923.D
 Acq: 20 Jul 2017 23:53

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	0.0	0.0#
141	44.9	0.0	0.0#

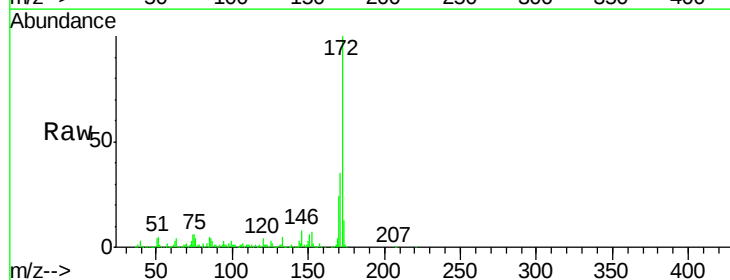


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

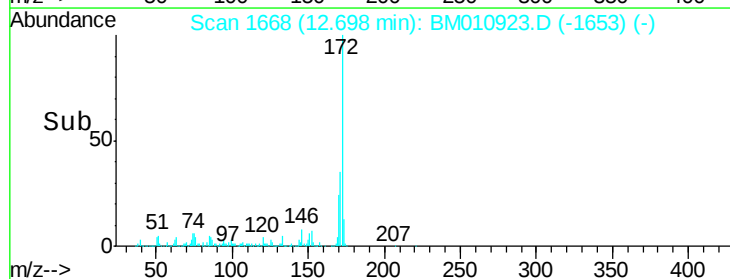
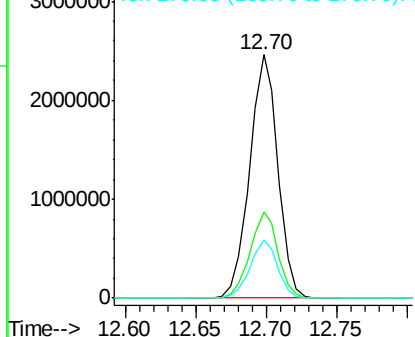


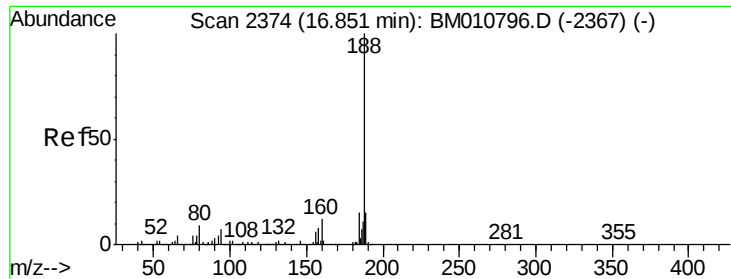
#44
 2-Fluorobiphenyl
 Concen: 91.02 ng
 RT: 12.70 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM010923.D
 Acq: 20 Jul 2017 23:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	24.1	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

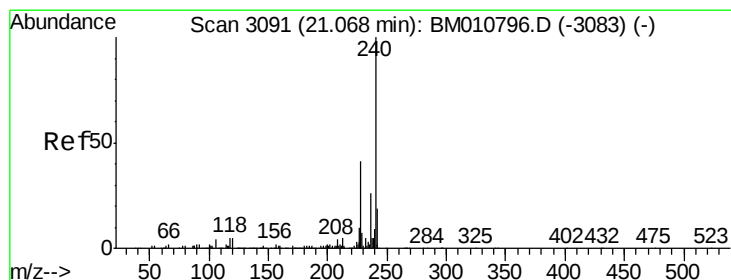
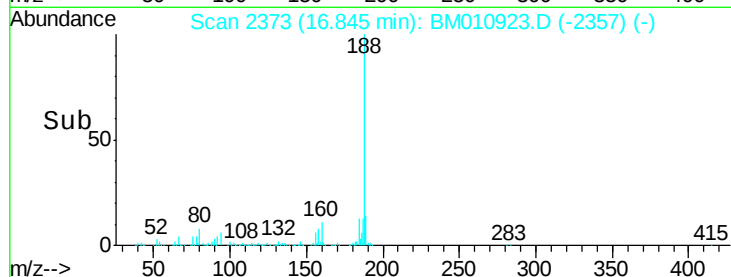
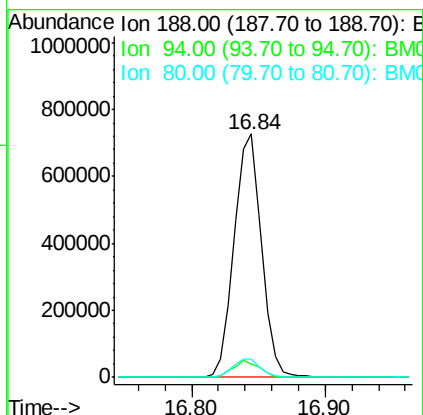
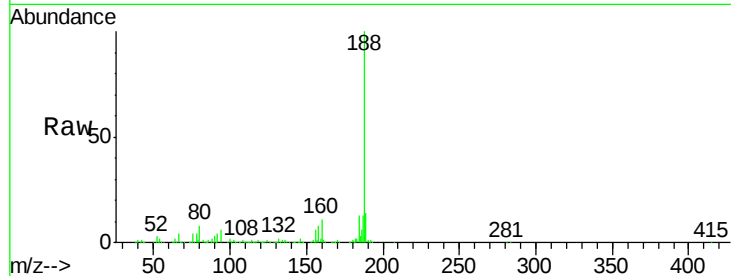




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.84 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BM010923.D
Acq: 20 Jul 2017 23:53

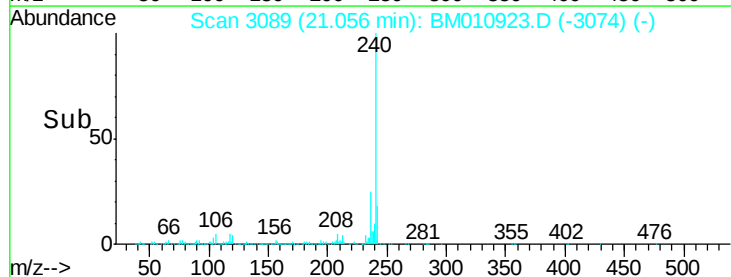
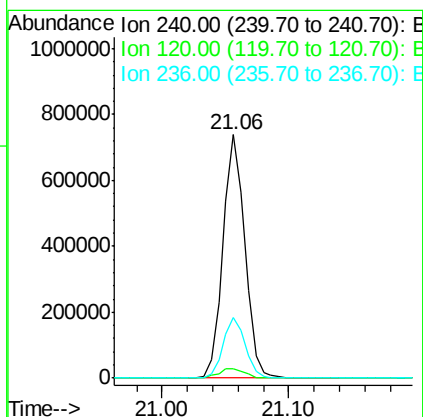
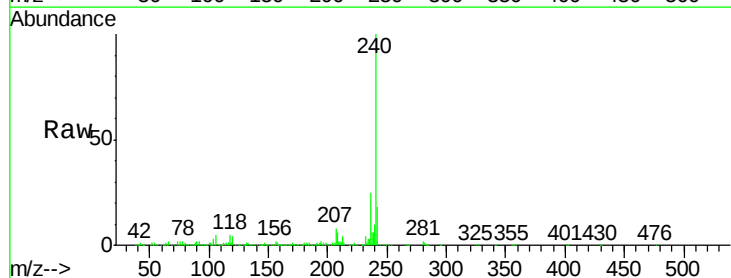
Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 1038794
Ion Ratio Lower Upper
188 100
94 5.6 8.7 13.1#
80 7.6 9.3 13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.06 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM010923.D
Acq: 20 Jul 2017 23:53

Tgt Ion:240 Resp: 884086
Ion Ratio Lower Upper
240 100
120 4.0 8.2 12.2#
236 24.6 20.0 30.0

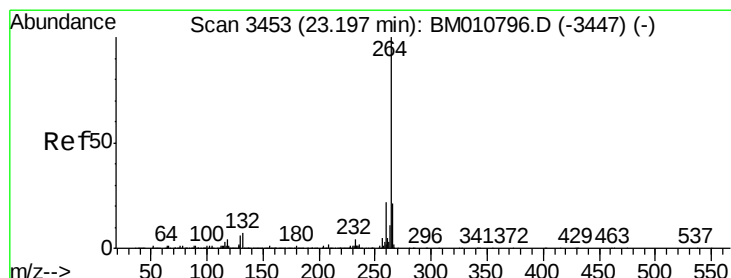
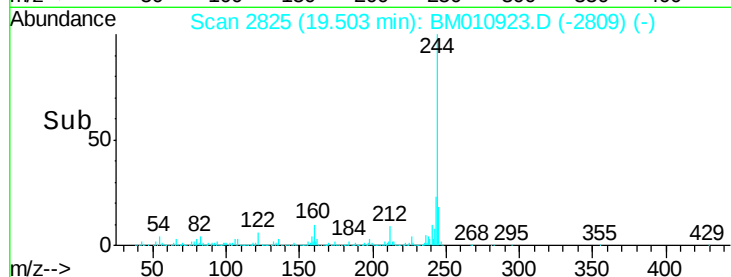
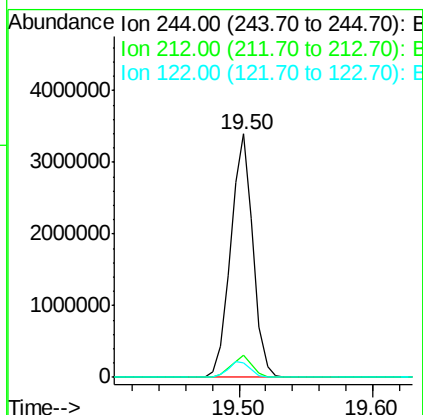
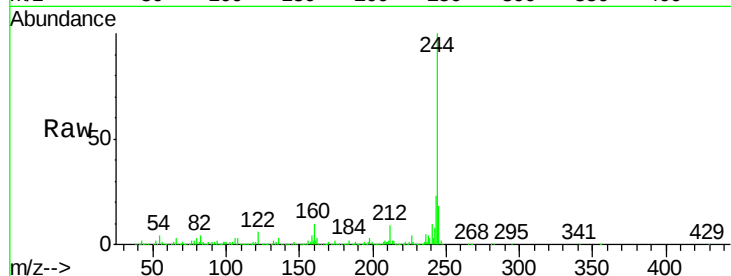




#78
 Terphenyl-d14
 Concen: 86.23 ng
 RT: 19.50 min Scan# 2825
 Delta R.T. -0.01 min
 Lab File: BM010923.D
 Acq: 20 Jul 2017 23:53

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 3941668
 Ion Ratio Lower Upper
 244 100
 212 8.9 4.9 7.3#
 122 6.2 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.19 min Scan# 3451
 Delta R.T. -0.01 min
 Lab File: BM010923.D
 Acq: 20 Jul 2017 23:53

Tgt Ion:264 Resp: 839981
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.6 27.8
 265 22.0 17.3 25.9

