

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072117\
 Data File : BM010952.D
 Acq On : 22 Jul 2017 00:59
 Operator : SJ/JU
 Sample : I4312-19
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 156

Quant Time: Jul 22 02:30:53 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	269221	20.00	ng	-0.03
21) Naphthalene-d8	10.18	136	1025380	20.00	ng	-0.03
38) Acenaphthene-d10	14.07	164	679082	20.00	ng	-0.02
63) Phenanthrene-d10	16.83	188	1726899	20.00	ng	-0.02
75) Chrysene-d12	21.05	240	1673883	20.00	ng	-0.02
86) Perylene-d12	23.17	264	1389342	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	1897377	116.74	ng	-0.02
7) Phenol-d6	6.62	99	2399508	107.09	ng	-0.02
23) Nitrobenzene-d5	8.57	82	2187487	82.00	ng	-0.02
41) 2,4,6-Tribromophenol	15.58	330	1473074	141.95	ng	-0.02
44) 2-Fluorobiphenyl	12.69	172	4404414	80.69	ng	-0.02
78) Terphenyl-d14	19.49	244	7568435	87.45	ng	-0.02

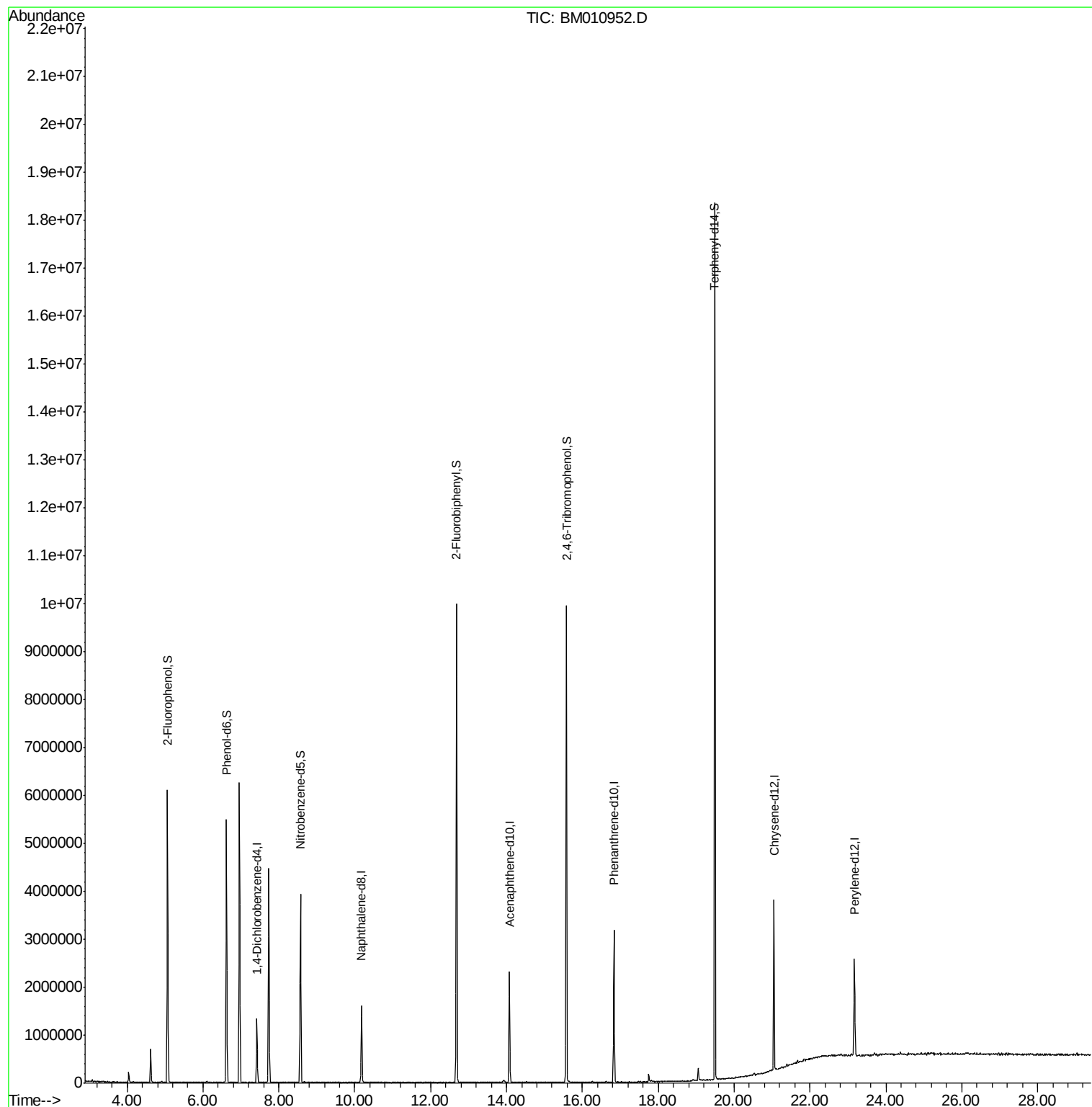
Target Compounds Qvalue

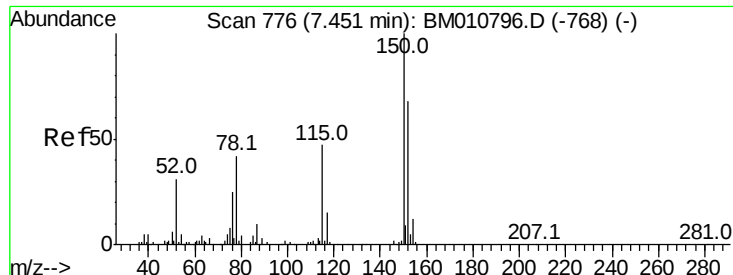
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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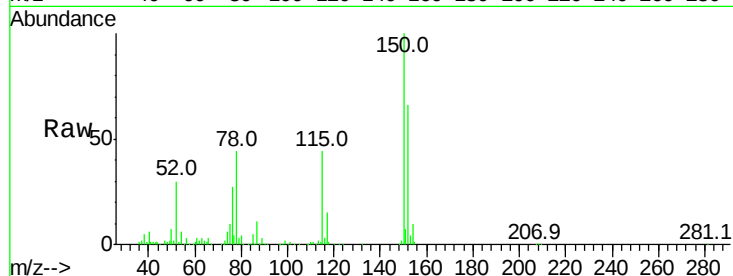


#1

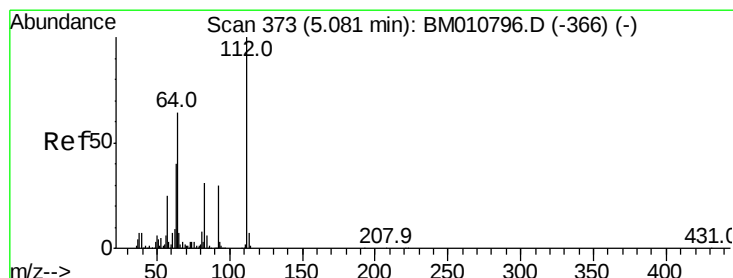
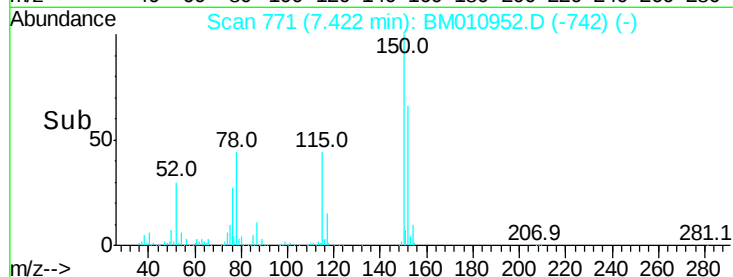
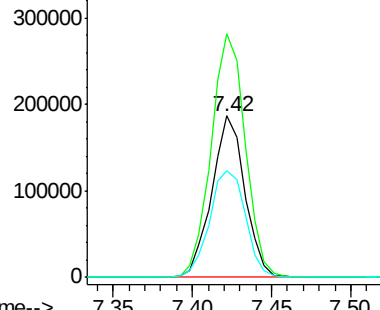
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.42 min Scan# 771
Delta R.T. -0.03 min
Lab File: BM010952.D
Acq: 22 Jul 2017 00:59

Instrument :
BNA_M
ClientSampleId :
156

Tot Ion:152 Resp: 269221
Ion Ratio Lower Upper
152 100
150 150.7 119.5 179.3
115 66.1 43.0 64.4#



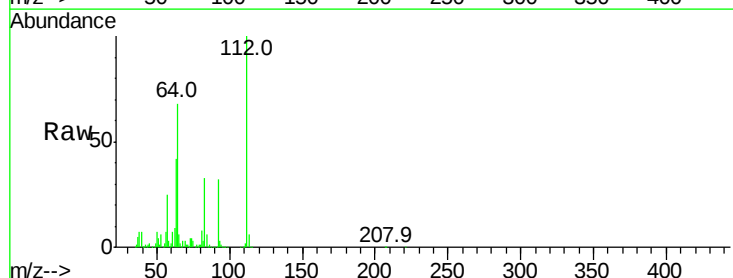
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



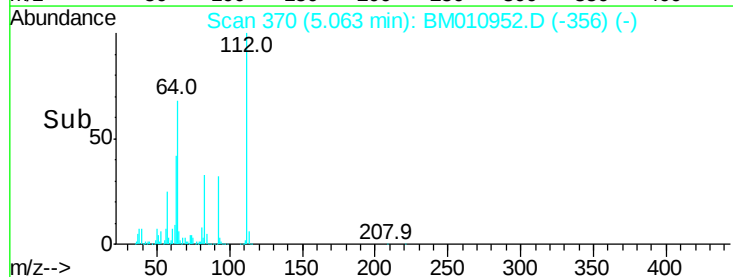
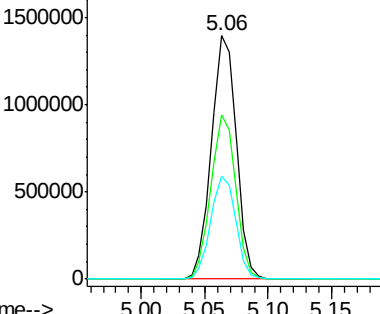
#5

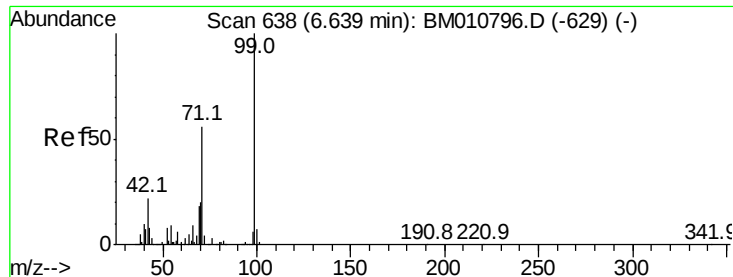
2-Fluorophenol
Concen: 116.744 ng
RT: 5.06 min Scan# 370
Delta R.T. -0.02 min
Lab File: BM010952.D
Acq: 22 Jul 2017 00:59

Tgt Ion:112 Resp: 1897377
Ion Ratio Lower Upper
112 100
64 67.7 38.6 57.8#
63 42.3 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: 107.095 ng

RT: 6.62 min Scan# 635

Delta R.T. -0.02 min

Lab File: BM010952.D

Acq: 22 Jul 2017 00:59

Instrument :

BNA_M

ClientSampleId :

156

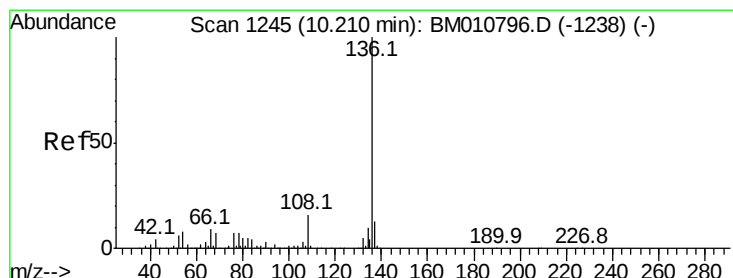
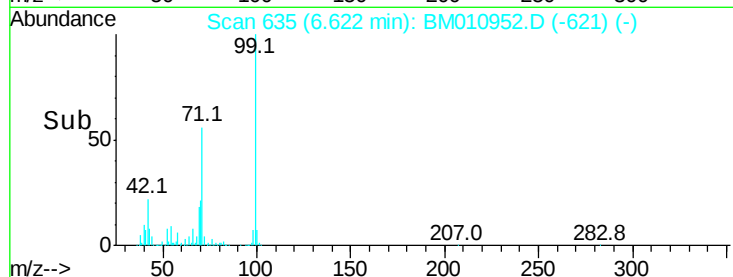
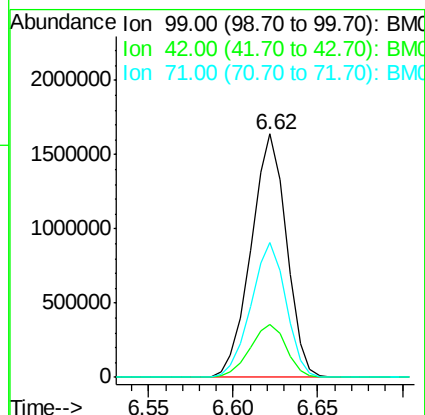
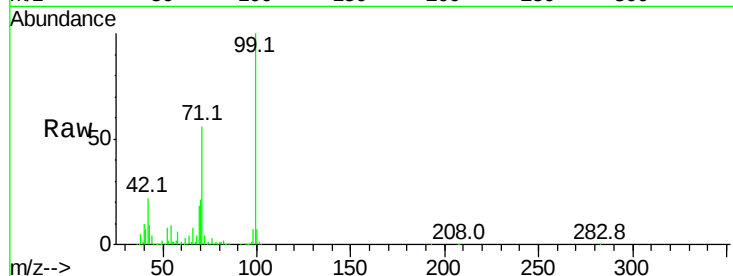
Tot Ion: 99 Resp: 2399508

Ion Ratio Lower Upper

99 100

42 21.7 11.0 16.4#

71 55.5 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.18 min Scan# 1240

Delta R.T. -0.03 min

Lab File: BM010952.D

Acq: 22 Jul 2017 00:59

Tgt Ion: 136 Resp: 1025380

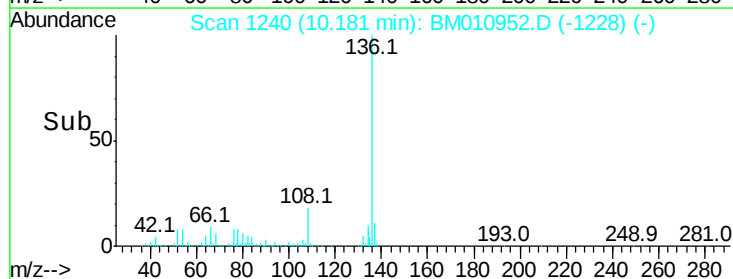
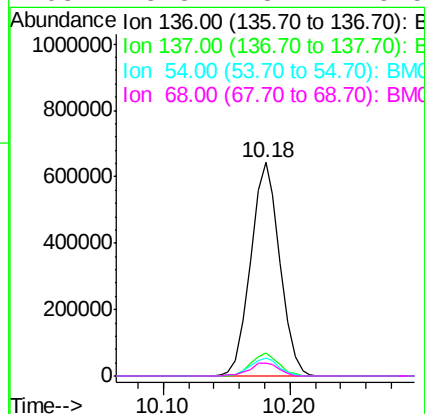
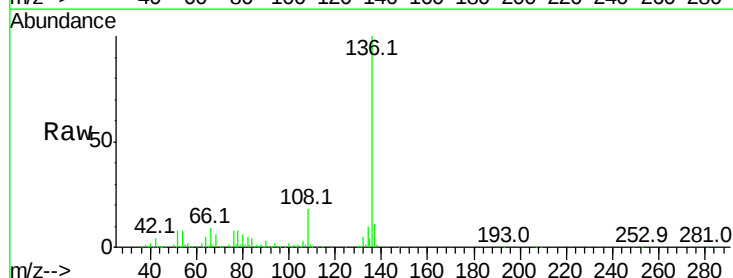
Ion Ratio Lower Upper

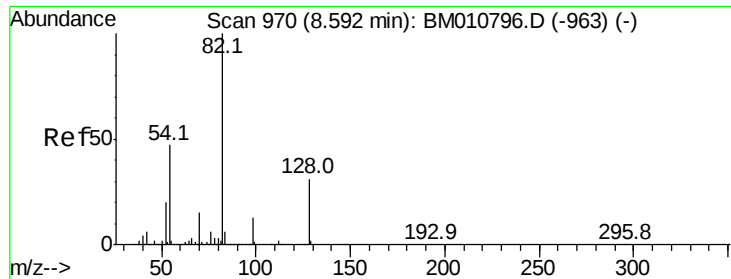
136 100

137 10.9 8.7 13.1

54 8.5 4.6 6.8#

68 5.8 3.7 5.5#



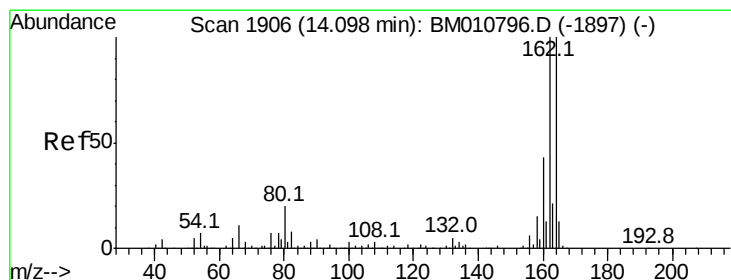
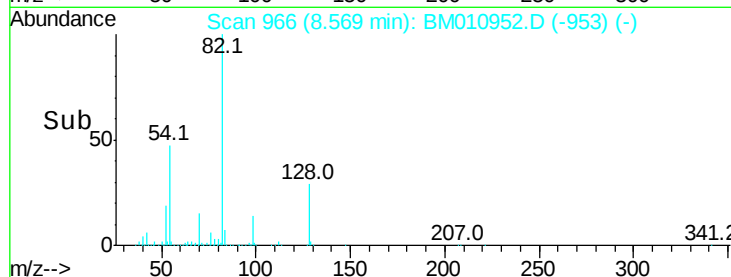
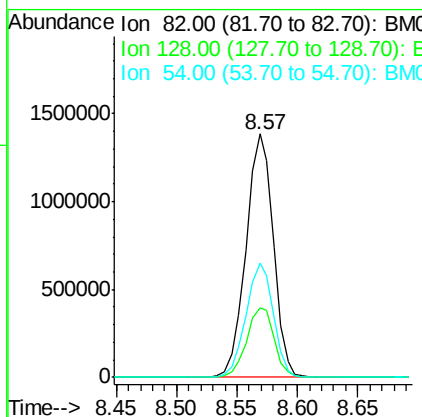
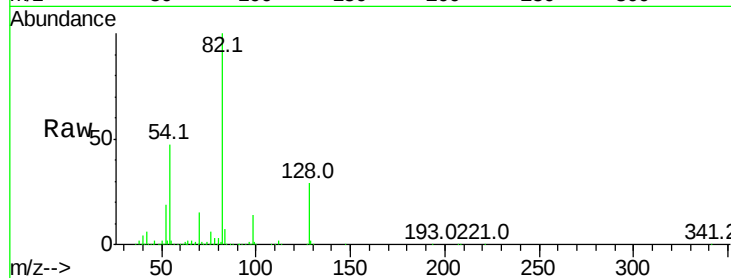


#23
 Nitrobenzene-d5
 Concen: 82.001 ng
 RT: 8.57 min Scan# 966
 Delta R.T. -0.02 min
 Lab File: BM010952.D
 Acq: 22 Jul 2017 00:59

Instrument :
 BNA_M
 ClientSampleId :
 156

Tot Ion: 82 Resp: 2187487

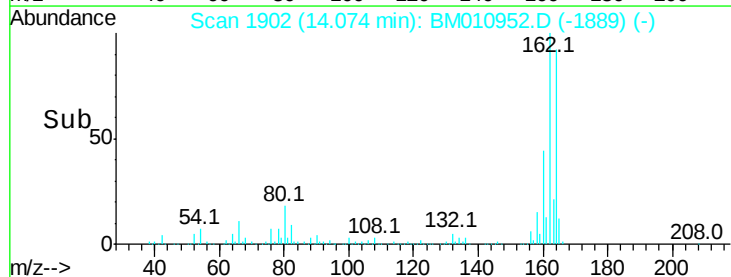
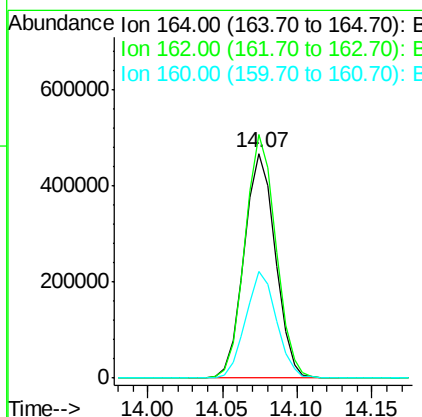
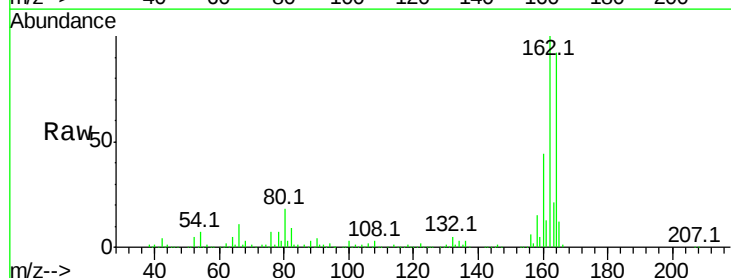
Ion	Ratio	Lower	Upper
82	100		
128	28.5	32.8	49.2#
54	47.0	40.6	60.8

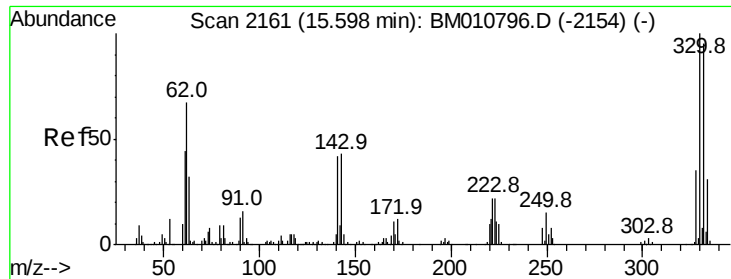


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.07 min Scan# 1902
 Delta R.T. -0.02 min
 Lab File: BM010952.D
 Acq: 22 Jul 2017 00:59

Tgt Ion: 164 Resp: 679082

Ion	Ratio	Lower	Upper
164	100		
162	108.3	82.4	123.6
160	47.6	35.8	53.6

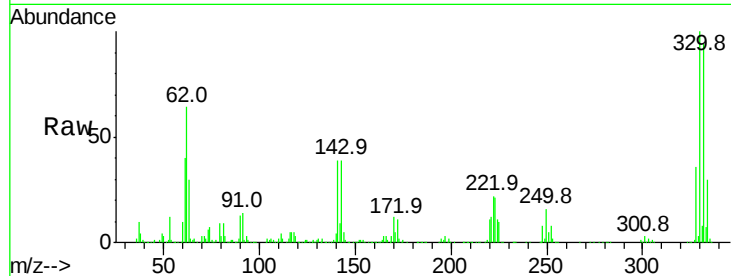




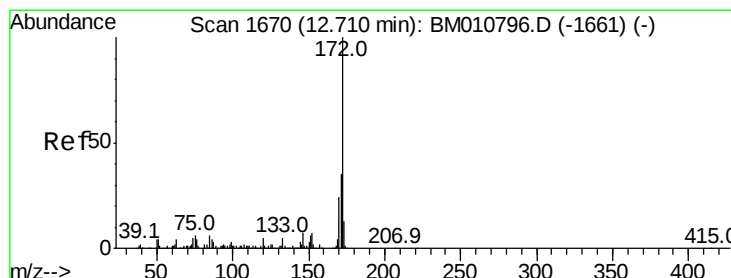
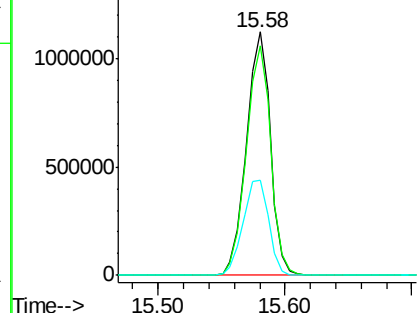
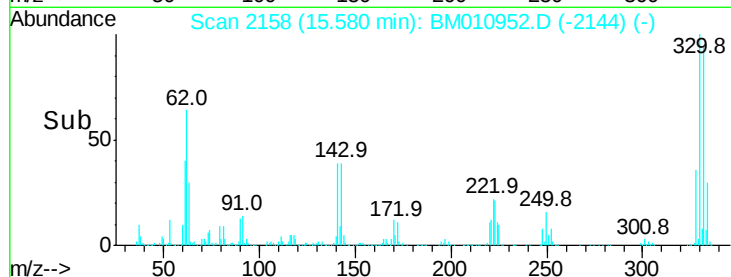
#41
 2,4,6-Tribromophenol
 Concen: 141.947 ng
 RT: 15.58 min Scan# 2158
 Delta R.T. -0.02 min
 Lab File: BM010952.D
 Acq: 22 Jul 2017 00:59

Instrument :
 BNA_M
 ClientSampleID :
 156

Tot Ion:330 Resp: 1473074
 Ion Ratio Lower Upper
 330 100
 332 95.9 0.0 0.0#
 141 41.8 0.0 0.0#

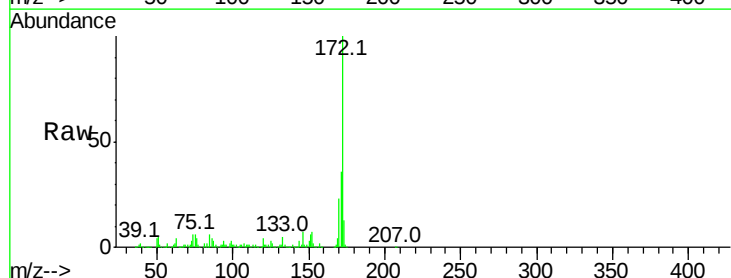


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

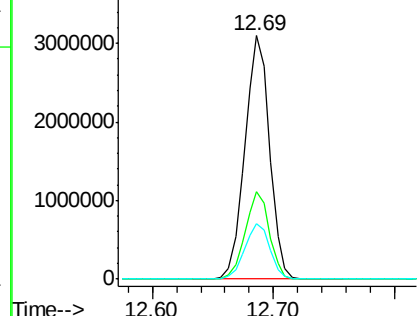
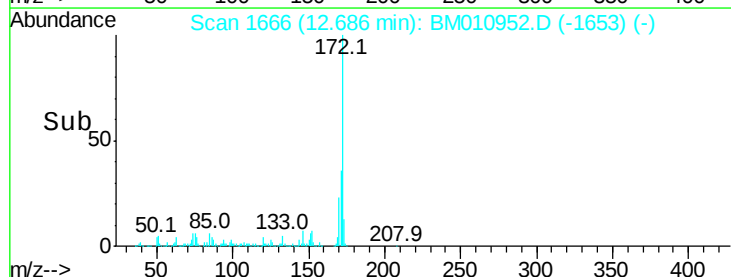


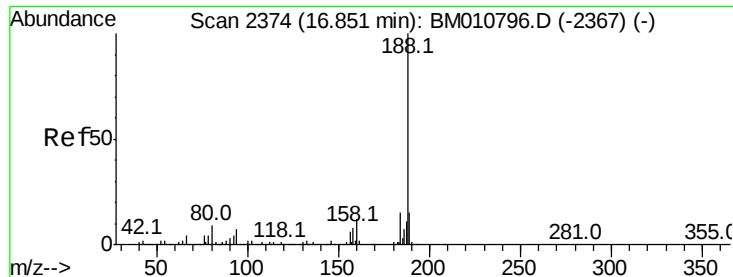
#44
 2-Fluorobiphenyl
 Concen: 80.685 ng
 RT: 12.69 min Scan# 1666
 Delta R.T. -0.02 min
 Lab File: BM010952.D
 Acq: 22 Jul 2017 00:59

Tgt Ion:172 Resp: 4404414
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.5 42.7
 170 22.5 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: BM010952.D

Acq: 22 Jul 2017 00:59

Instrument :

BNA_M

ClientSampleId :

156

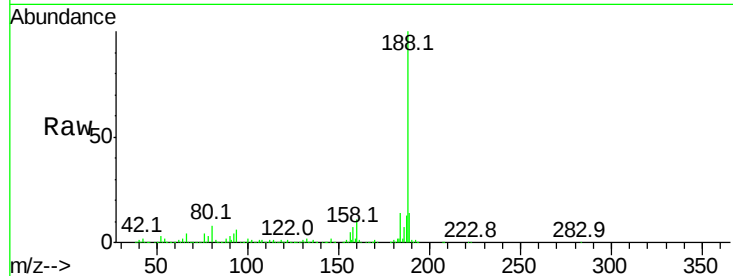
Tot Ion:188 Resp: 1726899

Ion Ratio Lower Upper

188 100

94 6.5 8.7 13.1#

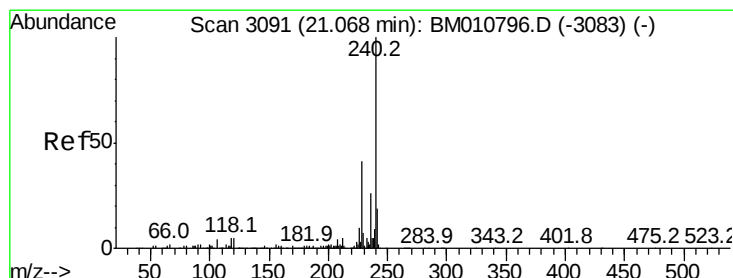
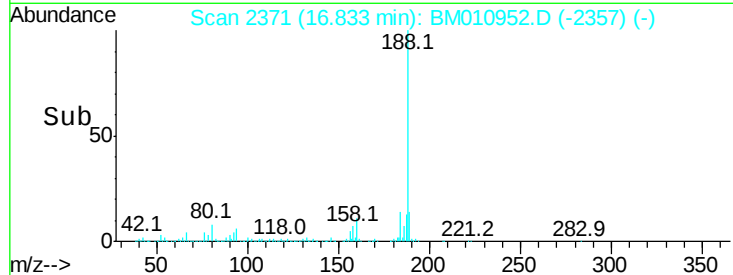
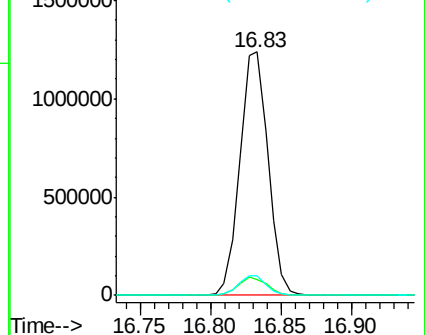
80 8.1 9.3 13.9#



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: 21.05 min Scan# 3088

Delta R.T. -0.02 min

Lab File: BM010952.D

Acq: 22 Jul 2017 00:59

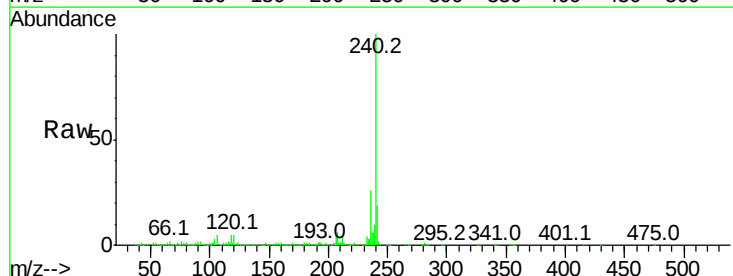
Tgt Ion:240 Resp: 1673883

Ion Ratio Lower Upper

240 100

120 5.0 8.2 12.2#

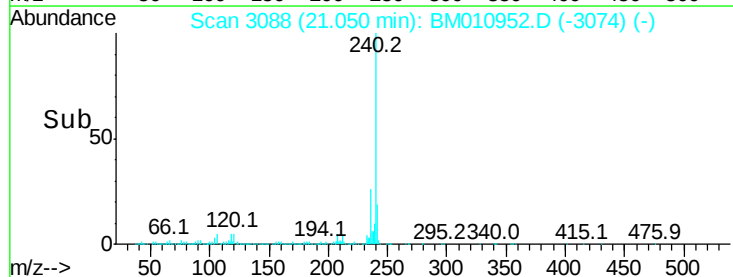
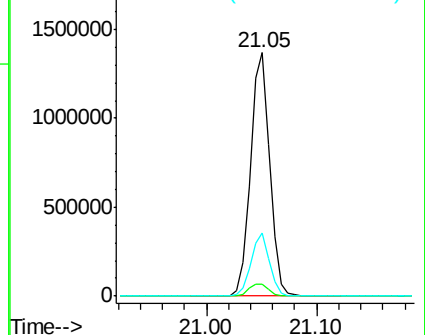
236 25.8 20.0 30.0

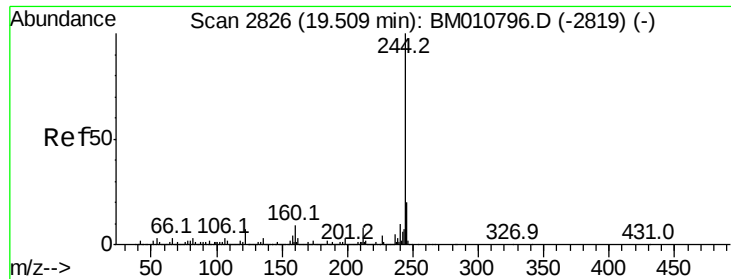


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

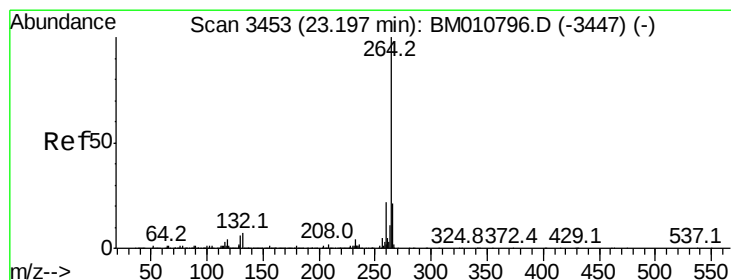
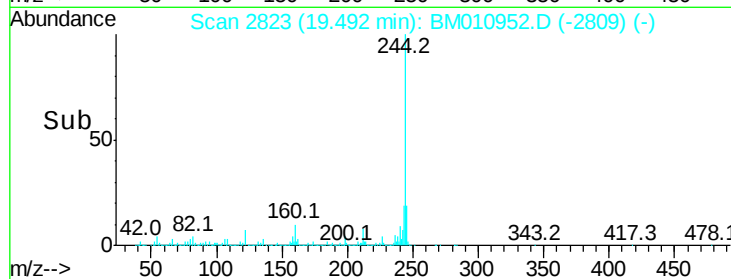
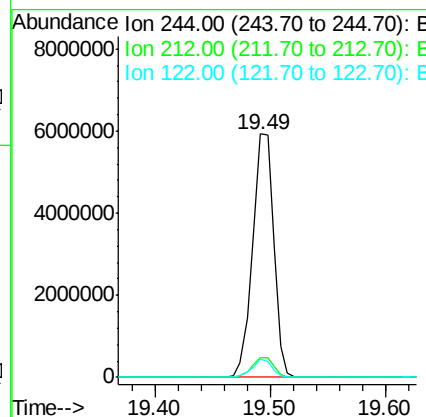
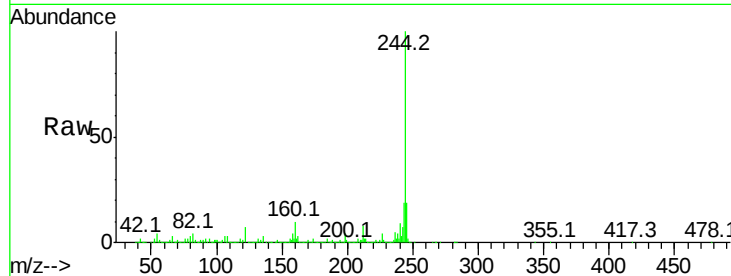




#78
 Terphenyl-d14
 Concen: 87.450 ng
 RT: 19.49 min Scan# 2823
 Delta R.T. -0.02 min
 Lab File: BM010952.D
 Acq: 22 Jul 2017 00:59

Instrument :
 BNA_M
 ClientSampleId :
 156

Tot Ion:244 Resp: 7568435
 Ion Ratio Lower Upper
 244 100
 212 8.0 4.9 7.3#
 122 7.5 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.17 min Scan# 3449
 Delta R.T. -0.02 min
 Lab File: BM010952.D
 Acq: 22 Jul 2017 00:59

Tgt Ion:264 Resp: 1389342
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.6 27.8
 265 23.7 17.3 25.9

