

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072017\
 Data File : BM010917.D
 Acq On : 20 Jul 2017 20:16
 Operator : SJ/JU
 Sample : I4250-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 21 02:23:59 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

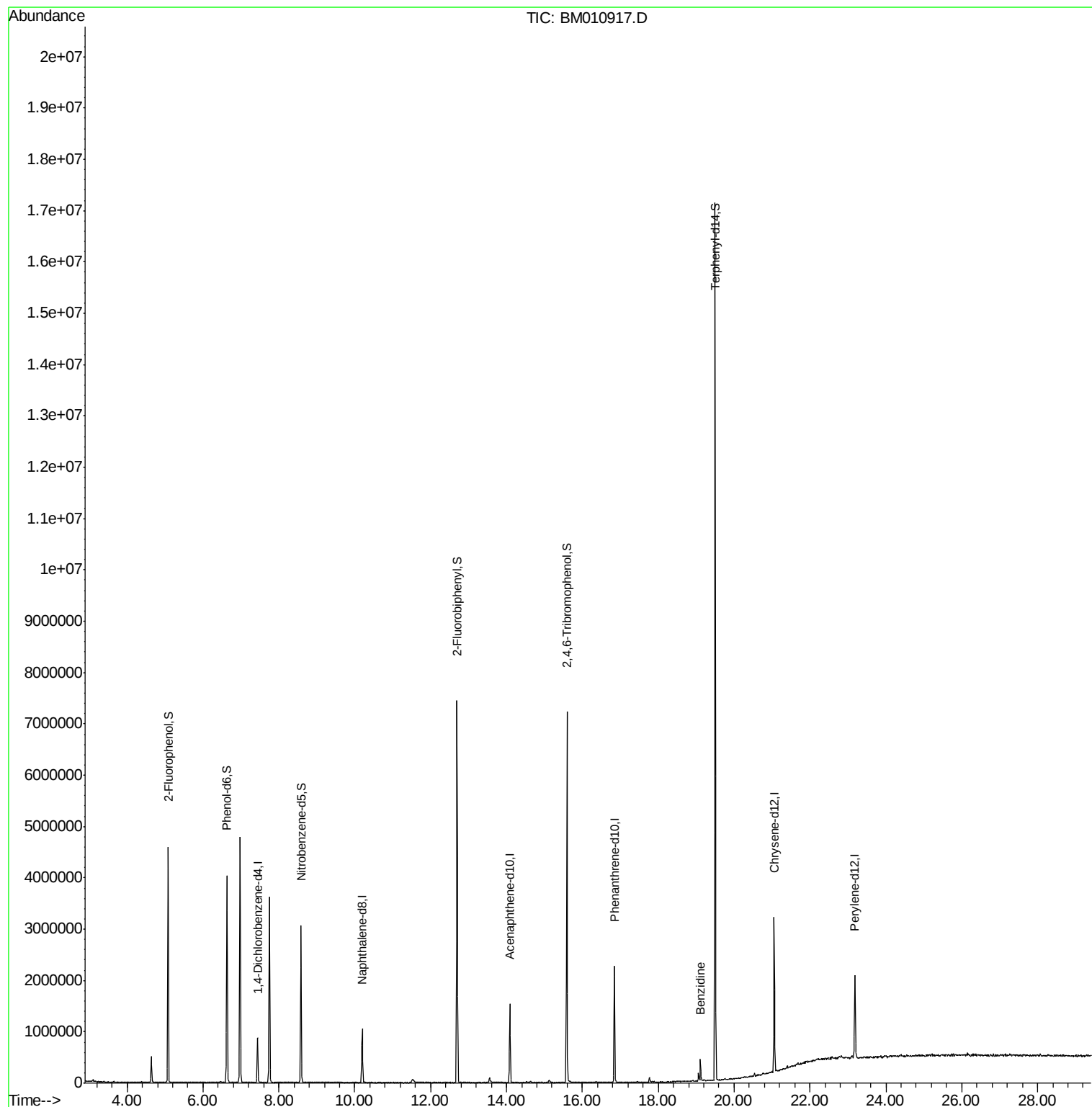
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	177103	20.00	ng	-0.01
21) Naphthalene-d8	10.20	136	673178	20.00	ng	-0.01
38) Acenaphthene-d10	14.09	164	464851	20.00	ng	-0.01
63) Phenanthrene-d10	16.84	188	1187463	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1451444	20.00	ng	-0.01
86) Perylene-d12	23.19	264	1158244	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1433388	134.07	ng	0.00
7) Phenol-d6	6.63	99	1724809	117.02	ng	0.00
23) Nitrobenzene-d5	8.58	82	1655389	94.52	ng	-0.01
41) 2,4,6-Tribromophenol	15.59	330	1047044	147.39	ng	0.00
44) 2-Fluorobiphenyl	12.70	172	3320796	88.87	ng	0.00
78) Terphenyl-d14	19.50	244	6294955	83.88	ng	0.00
Target Compounds						
76) Benzidine	19.12	184	212722	5.48	ng	Qvalue 99

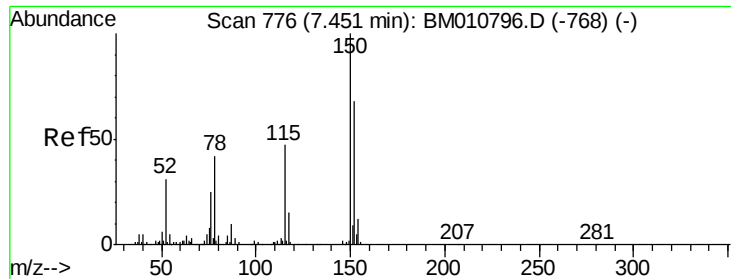
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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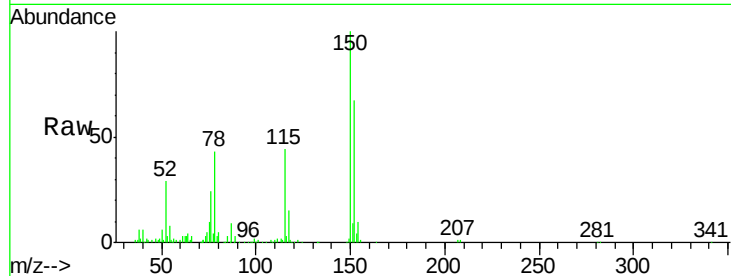


#1

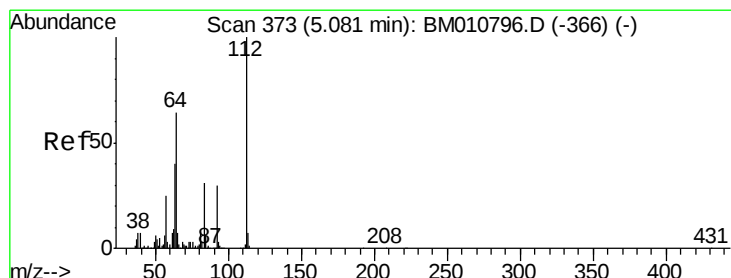
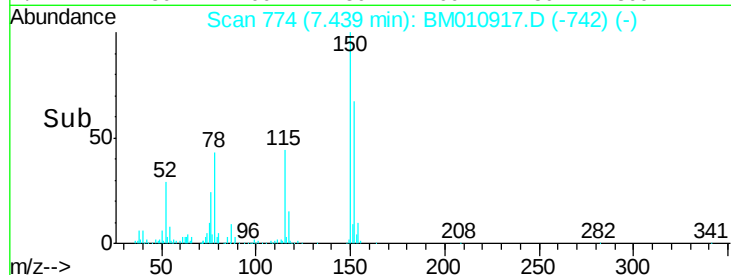
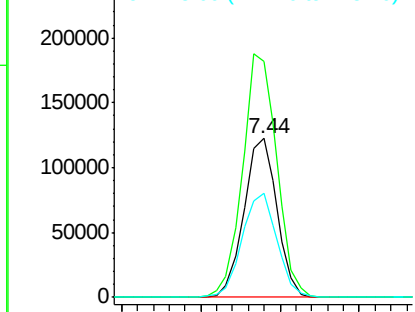
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM010917.D
Acq: 20 Jul 2017 20:16

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.8	119.5	179.3
115	65.4	43.0	64.4#



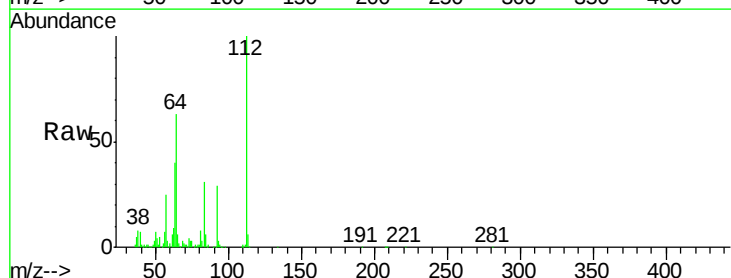
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



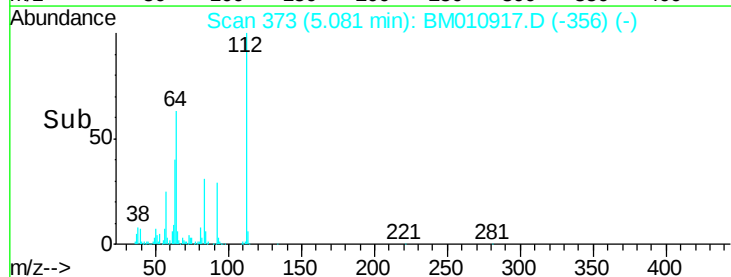
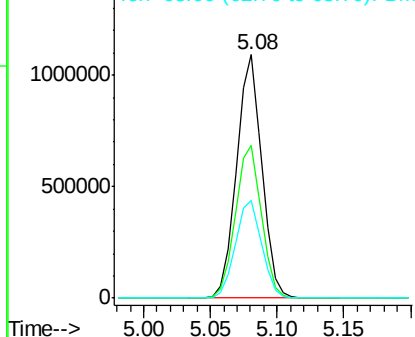
#5

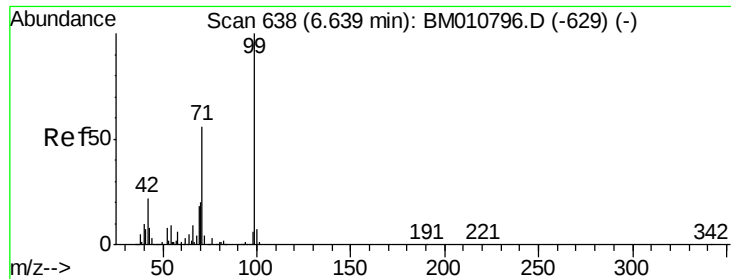
2-Fluorophenol
Concen: 134.07 ng
RT: 5.08 min Scan# 373
Delta R.T. 0.00 min
Lab File: BM010917.D
Acq: 20 Jul 2017 20:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.7	38.6	57.8#
63	40.2	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: 117.02 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM010917.D

Acq: 20 Jul 2017 20:16

Instrument :

BNA_M

ClientSampleId :

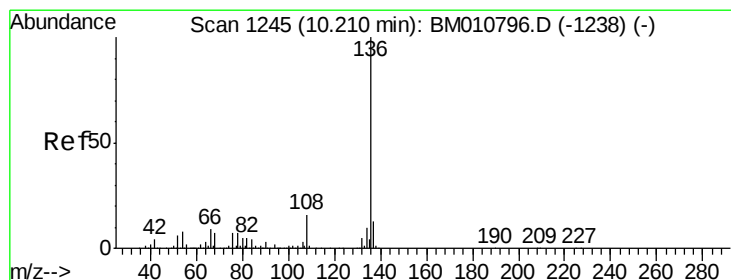
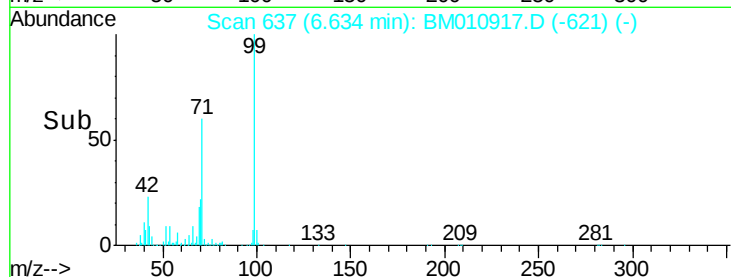
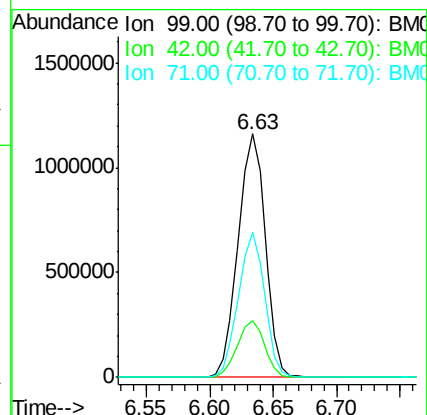
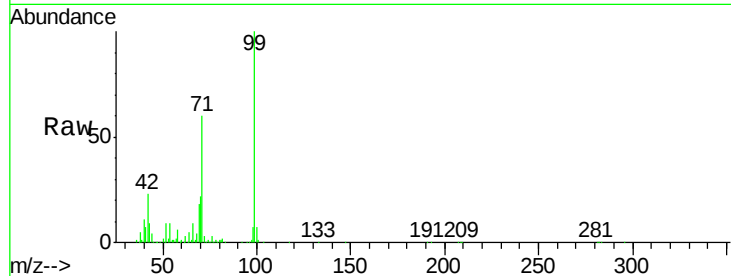
Tot Ion: 99 Resp: 1724809

Ion Ratio Lower Upper

99 100

42 23.1 11.0 16.4#

71 59.6 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.20 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BM010917.D

Acq: 20 Jul 2017 20:16

Tgt Ion: 136 Resp: 673178

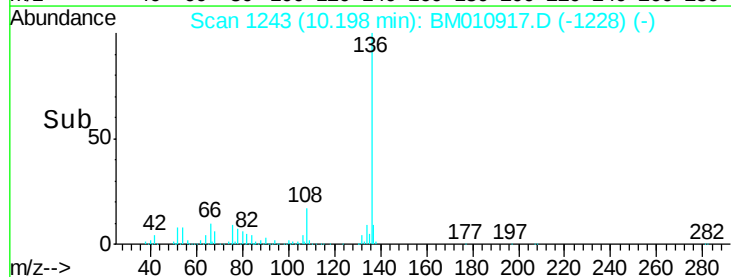
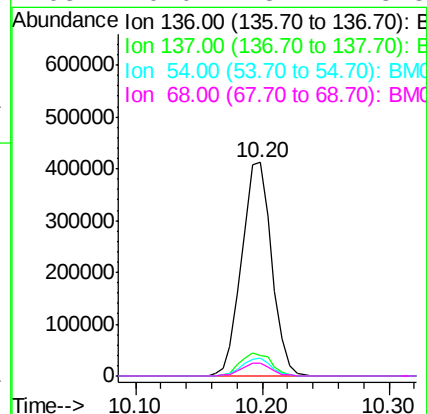
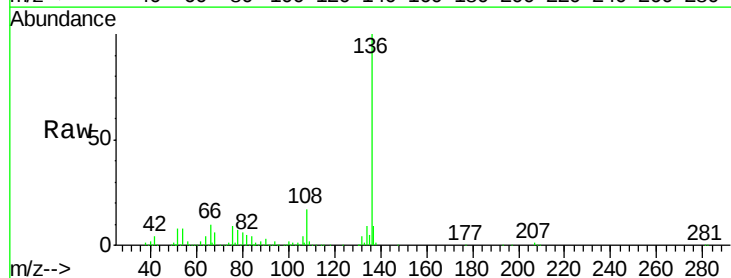
Ion Ratio Lower Upper

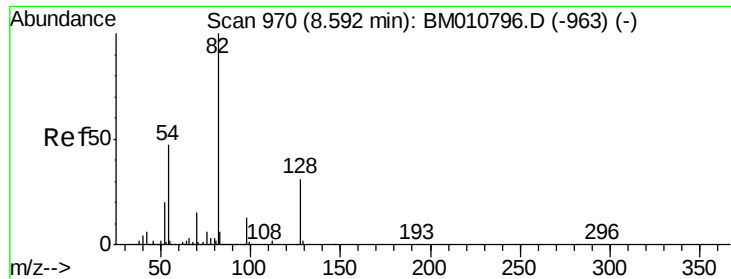
136 100

137 9.5 8.7 13.1

54 8.2 4.6 6.8#

68 6.0 3.7 5.5#

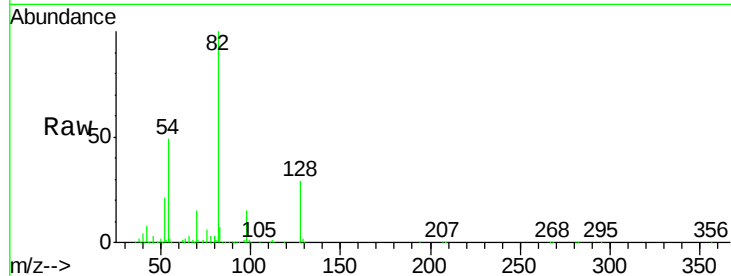




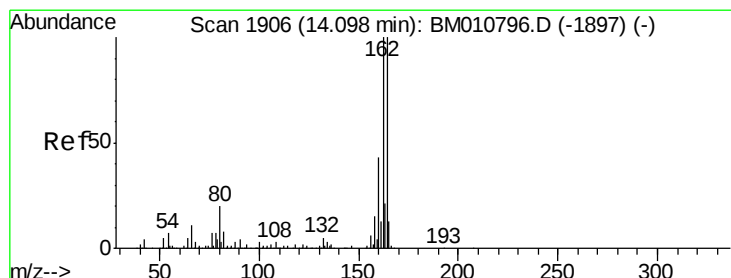
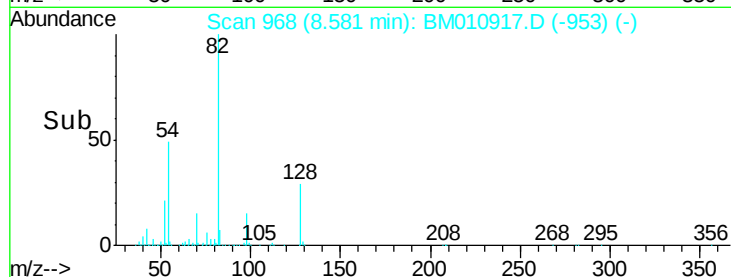
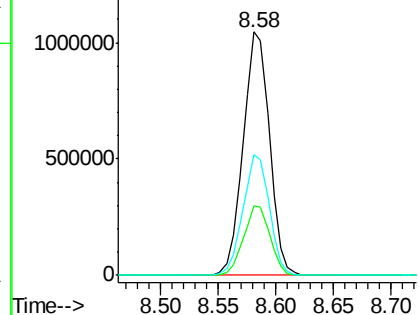
#23
 Nitrobenzene-d5
 Concen: 94.52 ng
 RT: 8.58 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BM010917.D
 Acq: 20 Jul 2017 20:16

Instrument :
 BNA_M
 ClientSampled :

Tot Ion: 82 Resp: 1655389
 Ion Ratio Lower Upper
 82 100
 128 28.6 32.8 49.2#
 54 49.5 40.6 60.8

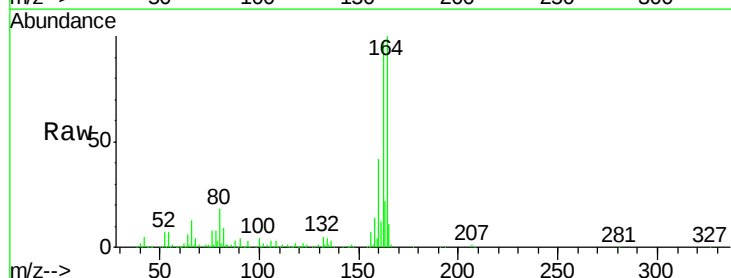


Abundance Ion 82.00 (81.70 to 82.70): BM
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BM

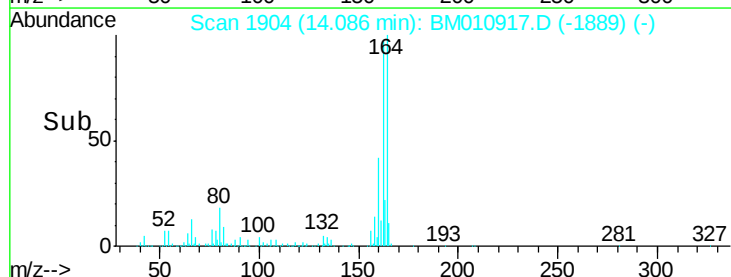
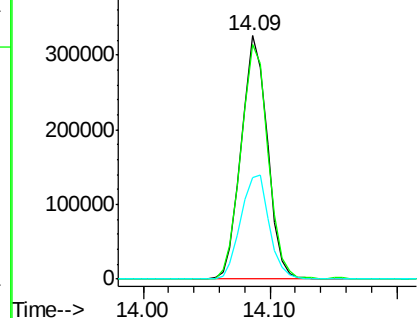


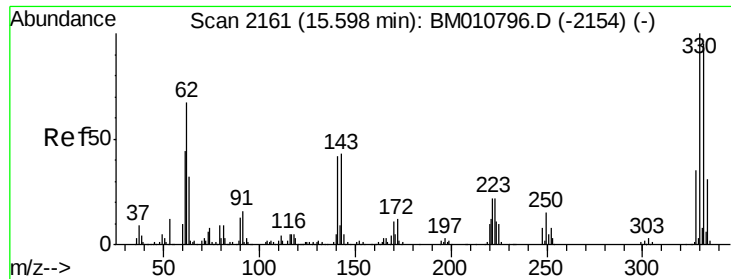
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.09 min Scan# 1904
 Delta R.T. -0.01 min
 Lab File: BM010917.D
 Acq: 20 Jul 2017 20:16

Tgt Ion:164 Resp: 464851
 Ion Ratio Lower Upper
 164 100
 162 96.5 82.4 123.6
 160 41.9 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 147.39 ng

RT: 15.59 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BM010917.D

Acq: 20 Jul 2017 20:16

Instrument :

BNA_M

ClientSampled :

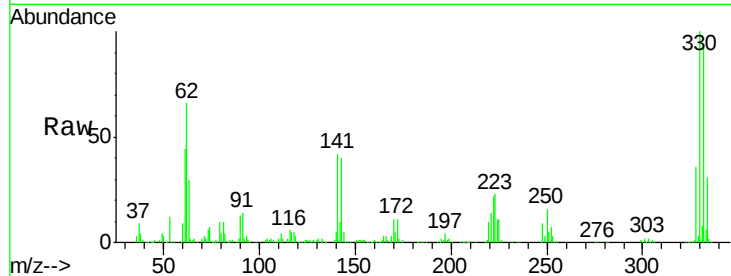
Tot Ion:330 Resp: 1047044

Ion Ratio Lower Upper

330 100

332 94.4 0.0 0.0#

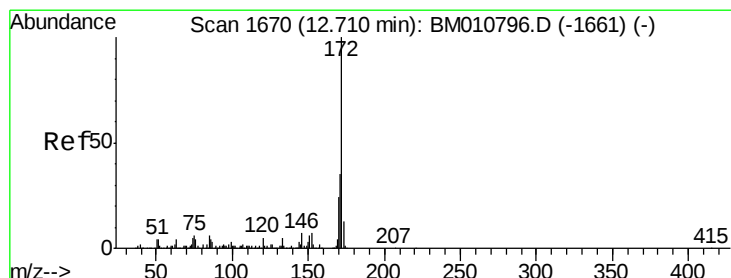
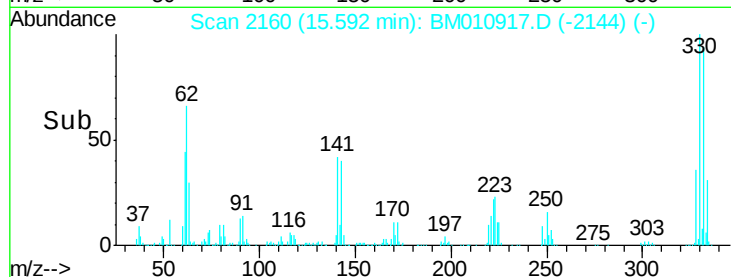
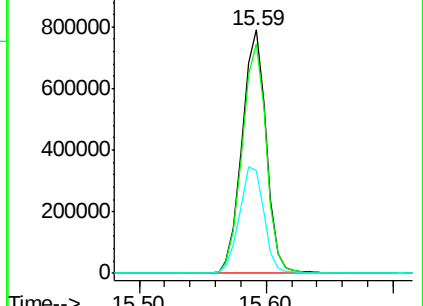
141 44.2 0.0 0.0#



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: 88.87 ng

RT: 12.70 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BM010917.D

Acq: 20 Jul 2017 20:16

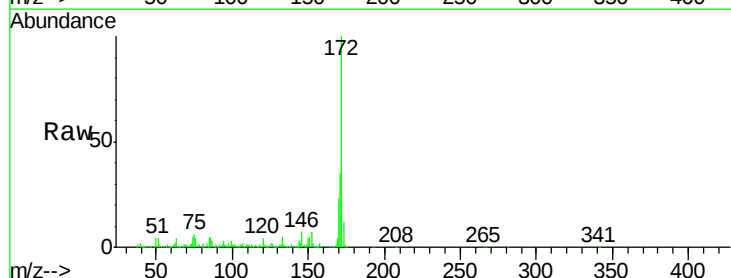
Tgt Ion:172 Resp: 3320796

Ion Ratio Lower Upper

172 100

171 35.2 28.5 42.7

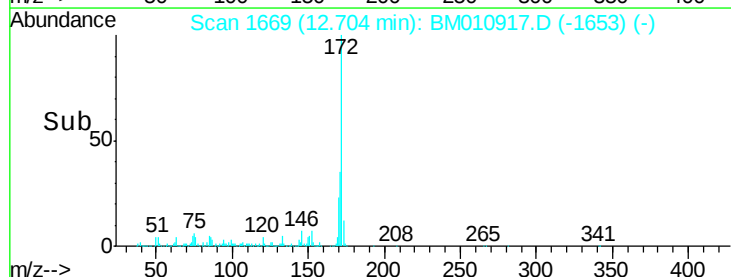
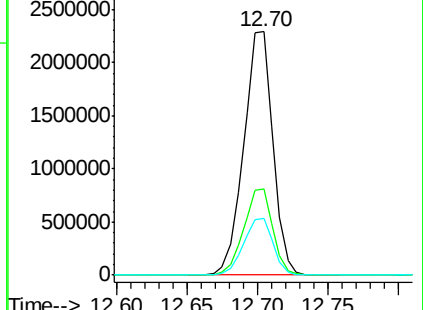
170 23.2 18.8 28.2

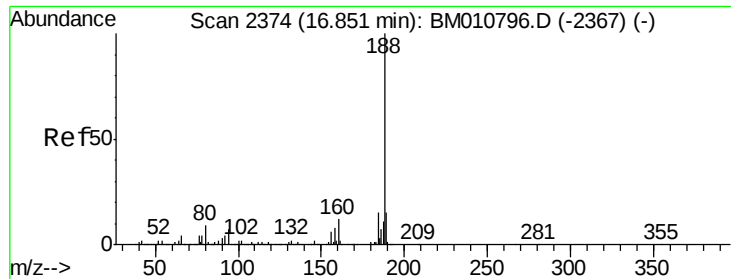


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

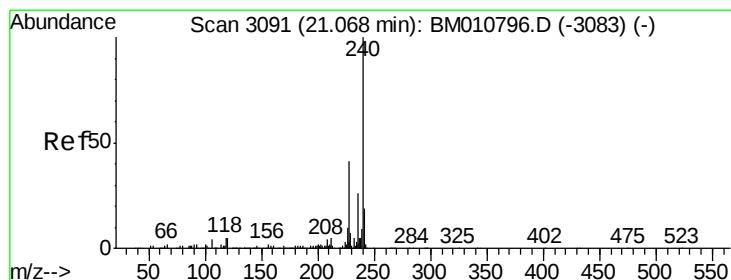
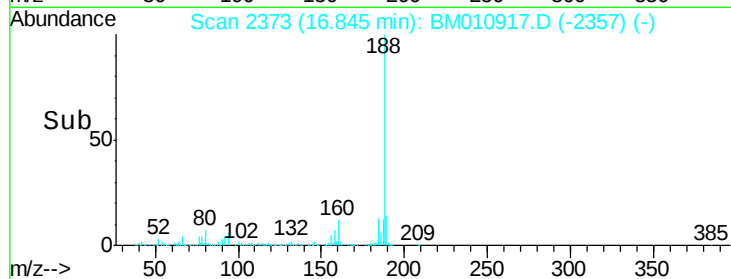
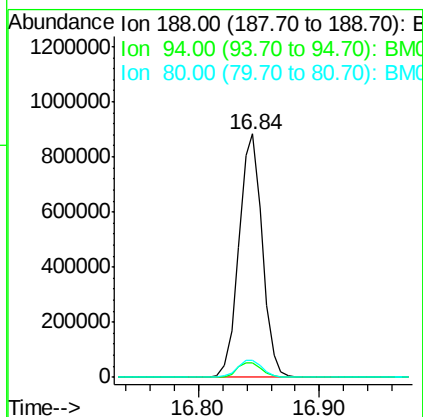
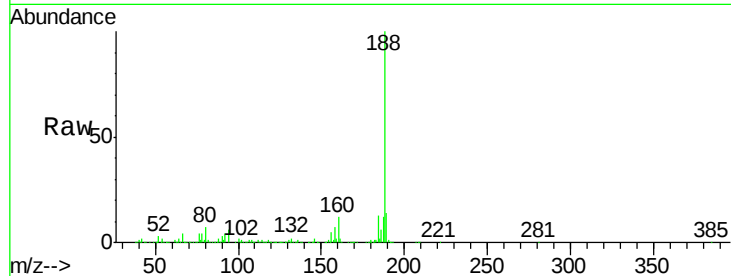




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.84 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BM010917.D
Acq: 20 Jul 2017 20:16

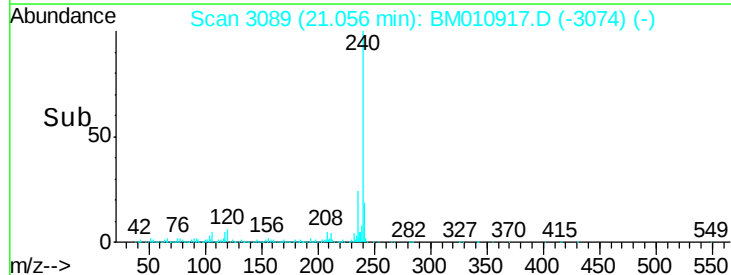
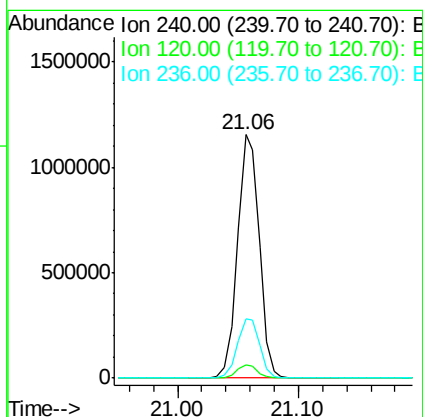
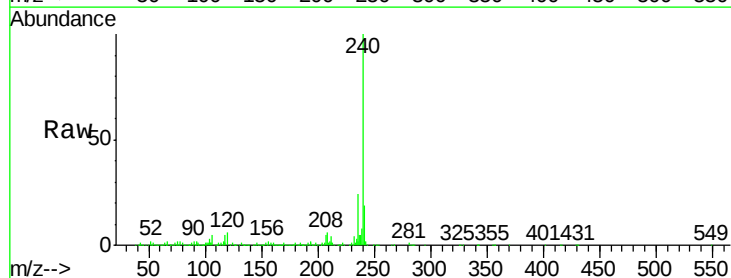
Instrument :
BNA_M
ClientSampled :

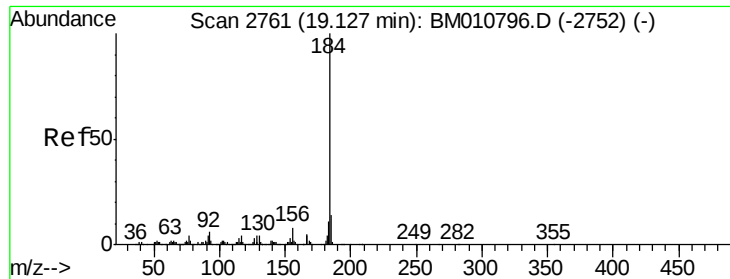
Tot Ion:188 Resp: 1187463
Ion Ratio Lower Upper
188 100
94 6.1 8.7 13.1#
80 6.9 9.3 13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.06 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM010917.D
Acq: 20 Jul 2017 20:16

Tgt Ion:240 Resp: 1451444
Ion Ratio Lower Upper
240 100
120 5.7 8.2 12.2#
236 24.1 20.0 30.0





#76

Benzidine

Concen: 5.48 ng

RT: 19.12 min Scan# 2759

Delta R.T. -0.01 min

Lab File: BM010917.D

Acq: 20 Jul 2017 20:16

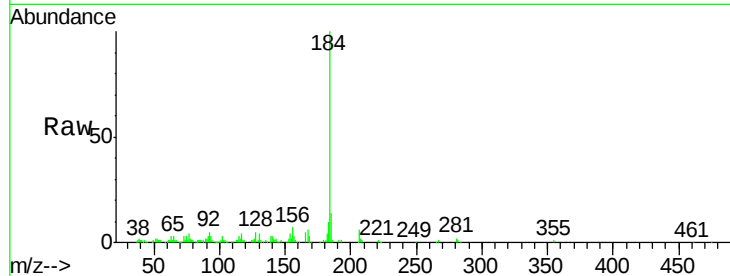
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 212722

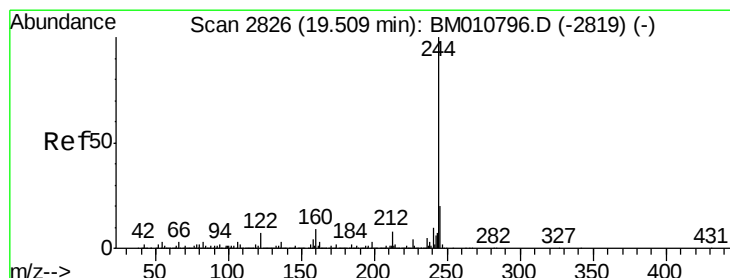
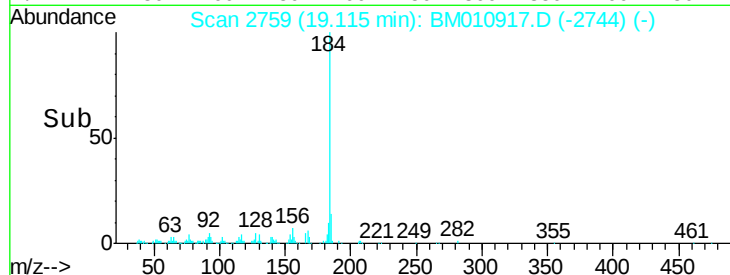
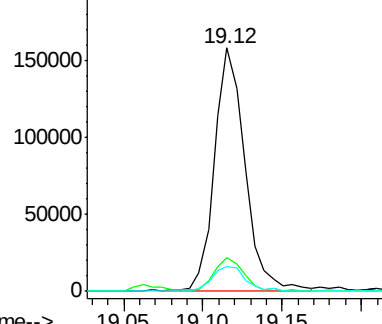
Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.3	16.9
183	10.3	8.9	13.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 83.88 ng

RT: 19.50 min Scan# 2825

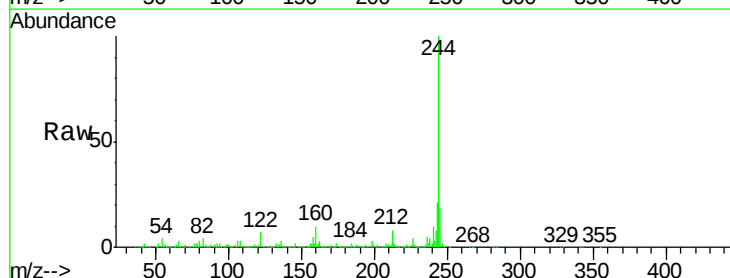
Delta R.T. -0.01 min

Lab File: BM010917.D

Acq: 20 Jul 2017 20:16

Tgt Ion:244 Resp: 6294955

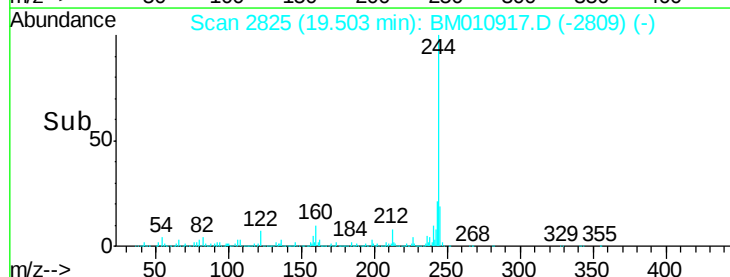
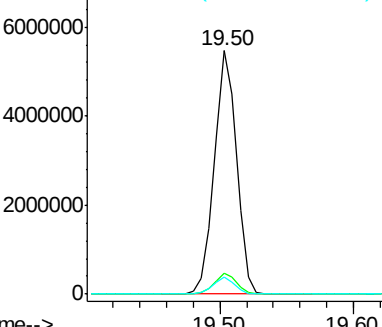
Ion	Ratio	Lower	Upper
244	100		
212	8.4	4.9	7.3#
122	7.0	6.2	9.4

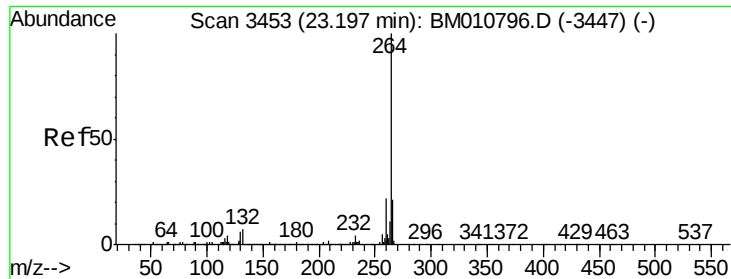


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 23.19 min Scan# 3451
 Delta R.T. -0.01 min
 Lab File: BM010917.D
 Acq: 20 Jul 2017 20:16

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:264 Resp: 1158244
 Ion Ratio Lower Upper
 264 100
 260 21.9 18.6 27.8
 265 21.6 17.3 25.9

