

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092017\
 Data File : BF098661.D
 Acq On : 20 Sep 2017 15:45
 Operator : SJ/JU
 Sample : I5281-09 100X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Quant Time: Sep 21 07:30:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	104443	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	384839	20.00	ng	-0.02
38) Acenaphthene-d10	9.66	164	165929	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	222322	20.00	ng	-0.01
75) Chrysene-d12	13.77	240	175112	20.00	ng	-0.02
86) Perylene-d12	15.17	264	219082	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.97	112	259	0.04	ng	-0.26
7) Phenol-d6	6.29	99	298	0.03	ng	0.00
23) Nitrobenzene-d5	7.20	82	5309	0.77	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.00	172	677	0.07	ng	0.00
78) Terphenyl-d14	0.00	244	0	0.00	ng	

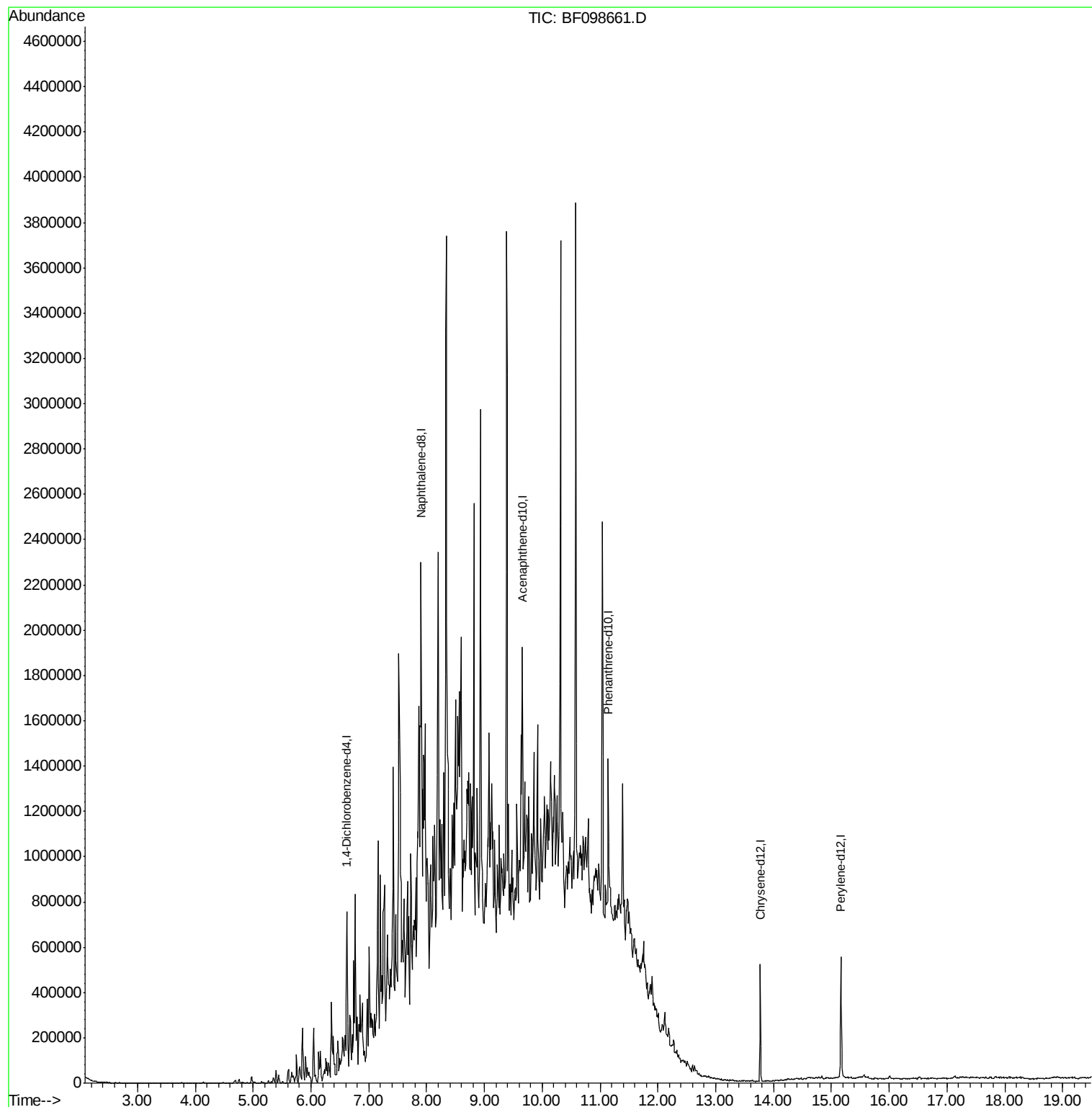
Target Compounds Qvalue

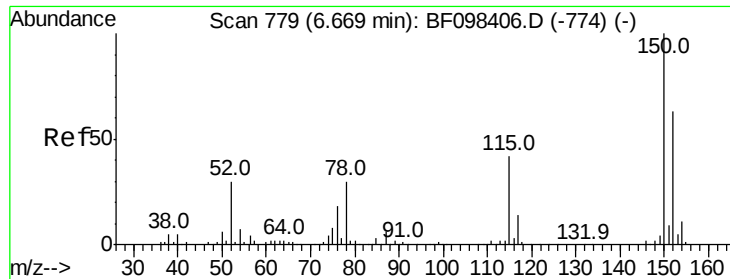
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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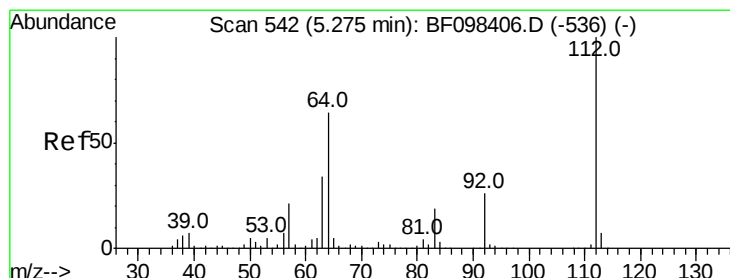
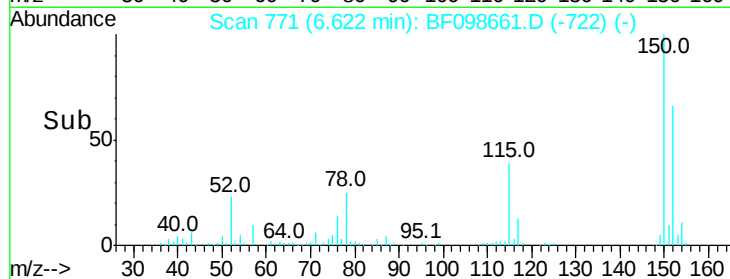
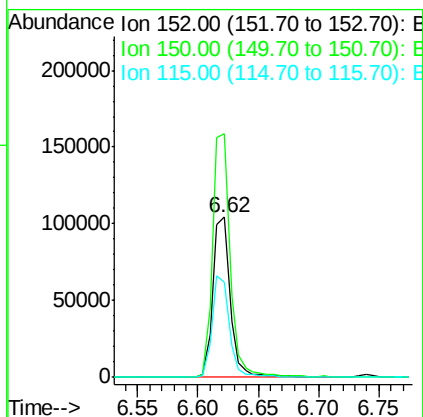
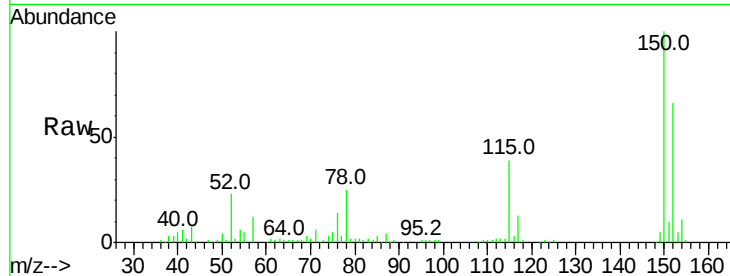


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.62 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BF098661.D
 Acq: 20 Sep 2017 15:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

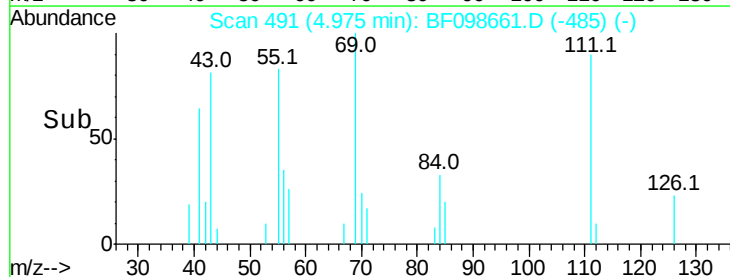
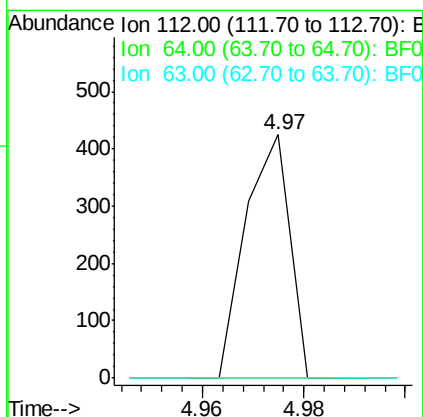
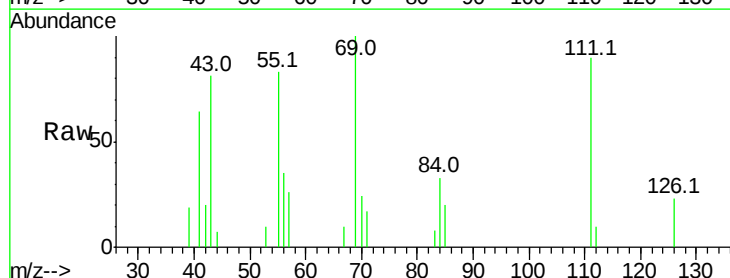
Tot Ion:152 Resp: 104443
 Ion Ratio Lower Upper
 152 100
 150 151.8 126.2 189.2
 115 59.4 52.2 78.2

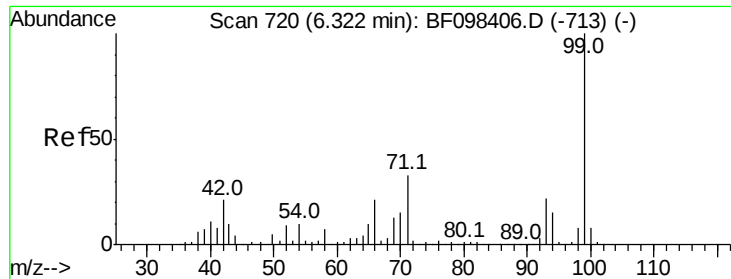


#5

2-Fluorophenol
 Concen: 0.037 ng
 RT: 4.97 min Scan# 491
 Delta R.T. -0.26 min
 Lab File: BF098661.D
 Acq: 20 Sep 2017 15:45

Tgt Ion:112 Resp: 259
 Ion Ratio Lower Upper
 112 100
 64 0.0 46.0 69.0#
 63 0.0 23.4 35.0#





#7

Phenol-d6

Concen: 0.033 ng

RT: 6.29 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF098661.D

Acq: 20 Sep 2017 15:45

Instrument :

BNA_F

ClientSampled :

MW-2

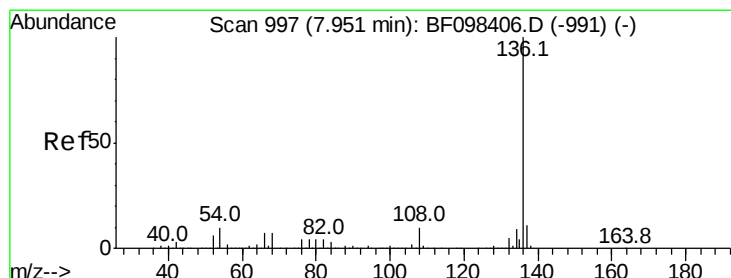
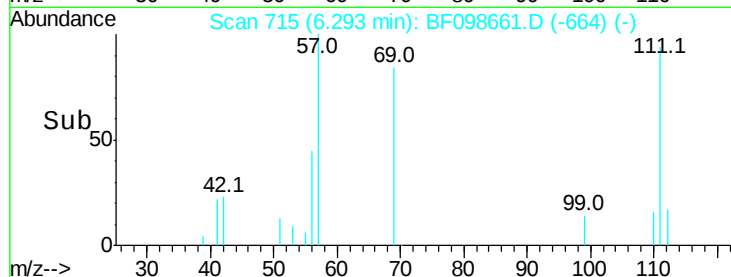
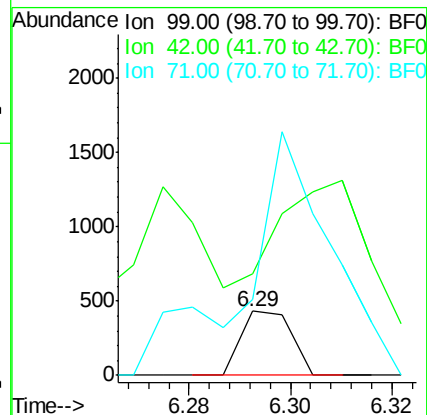
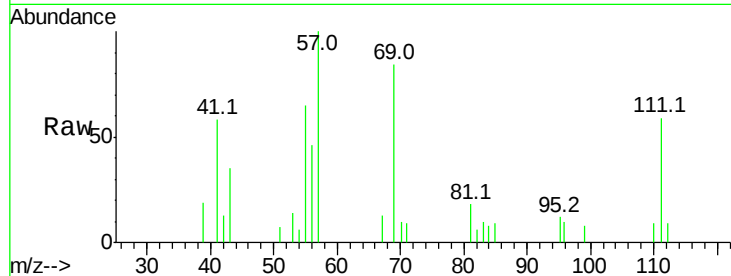
Tot Ion: 99 Resp: 298

Ion Ratio Lower Upper

99 100

42 158.7 13.5 20.3#

71 118.1 24.5 36.7#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.02 min

Lab File: BF098661.D

Acq: 20 Sep 2017 15:45

Tgt Ion: 136 Resp: 384839

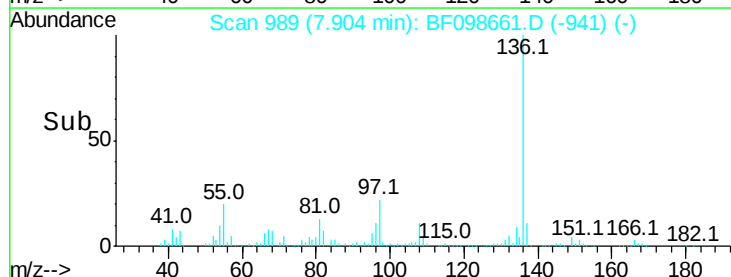
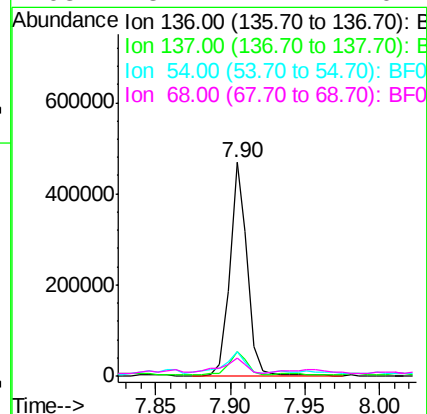
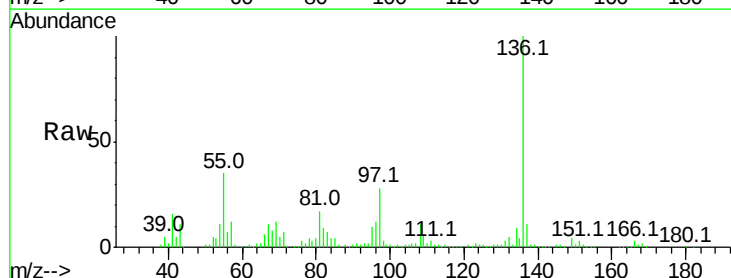
Ion Ratio Lower Upper

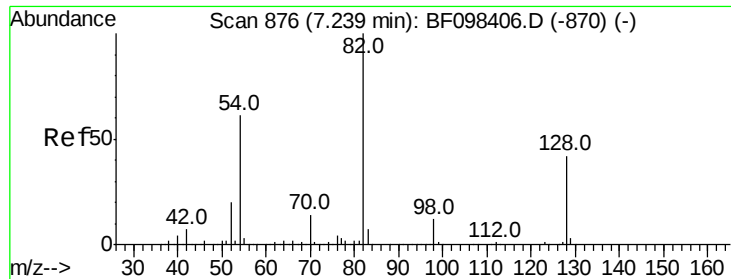
136 100

137 11.2 8.5 12.7

54 11.4 4.9 7.3#

68 8.4 4.1 6.1#

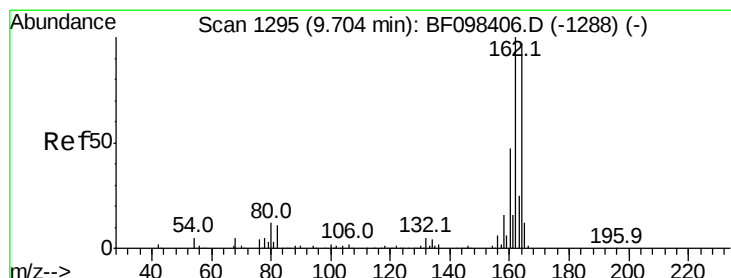
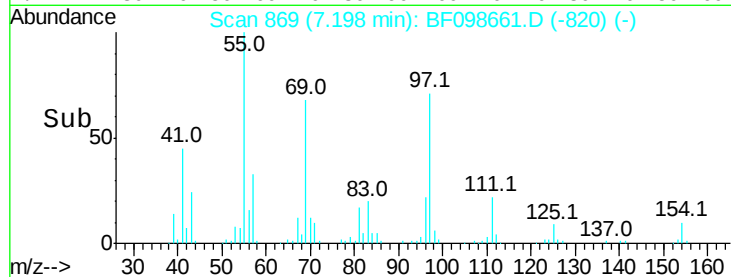
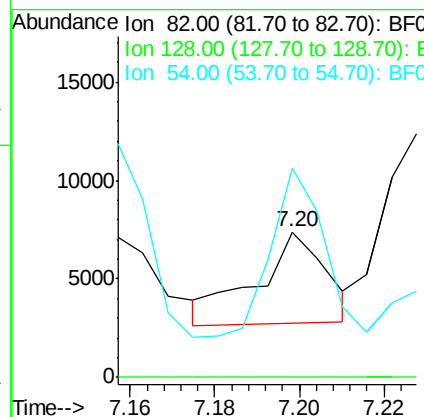
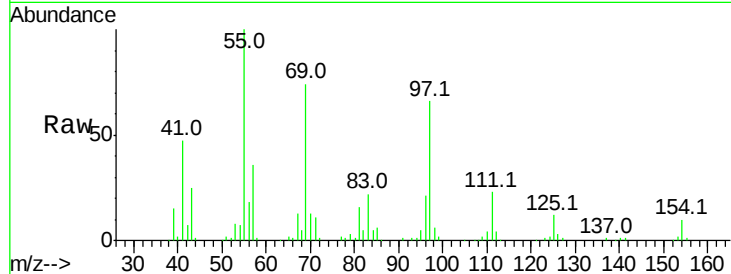




#23
Nitrobenzene-d5
Concen: 0.769 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF098661.D
Acq: 20 Sep 2017 15:45

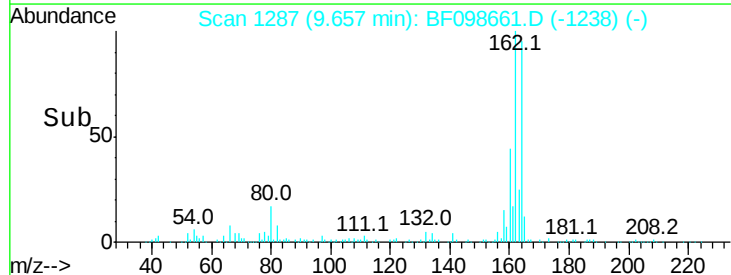
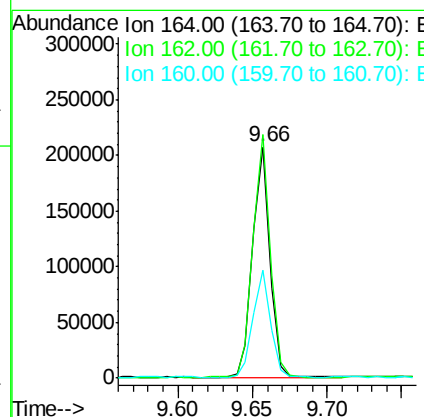
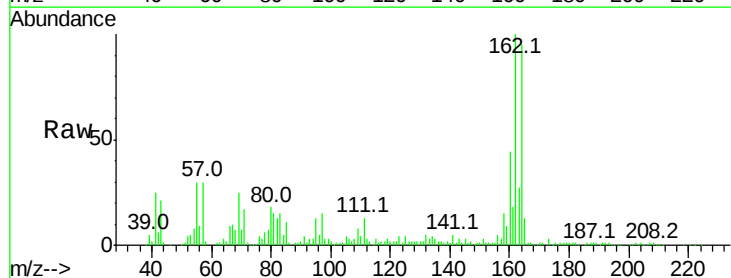
Instrument :
BNA_F
ClientSampleId :
MW-2

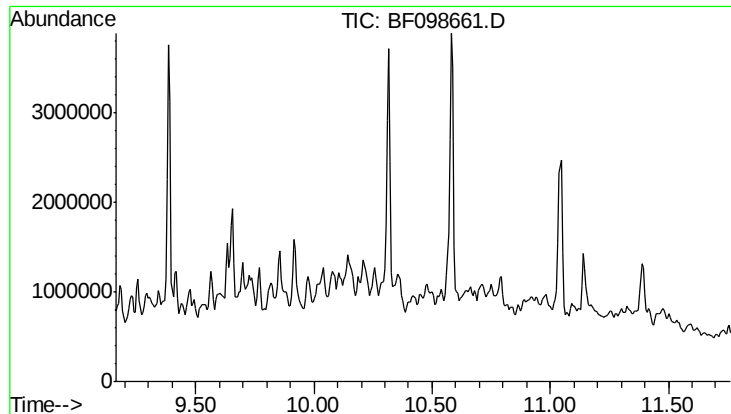
Tot Ion: 82 Resp: 5309
Ion Ratio Lower Upper
82 100
128 0.0 34.0 51.0#
54 144.2 42.2 63.2#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF098661.D
Acq: 20 Sep 2017 15:45

Tgt Ion:164 Resp: 165929
Ion Ratio Lower Upper
164 100
162 105.5 82.6 123.8
160 46.8 36.2 54.2

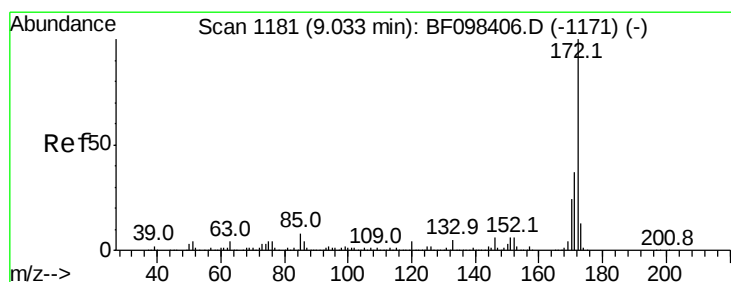
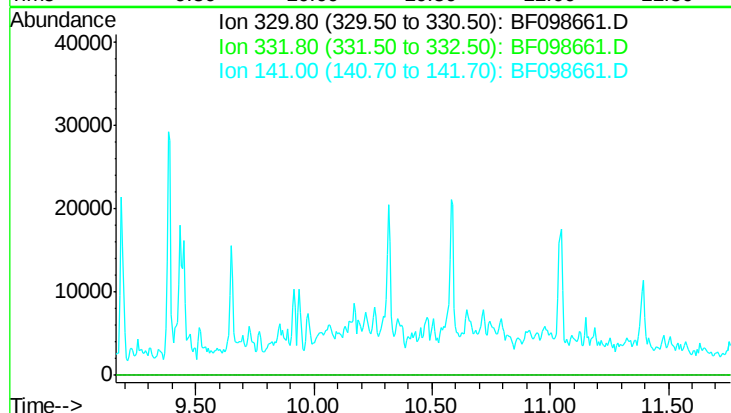




#41
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.46 min
 Lab File: BF098661.D
 Acq: 20 Sep 2017 15:45

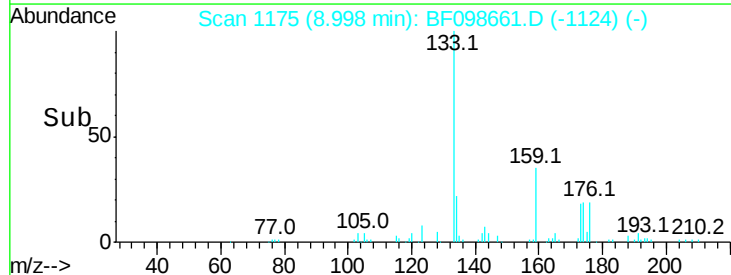
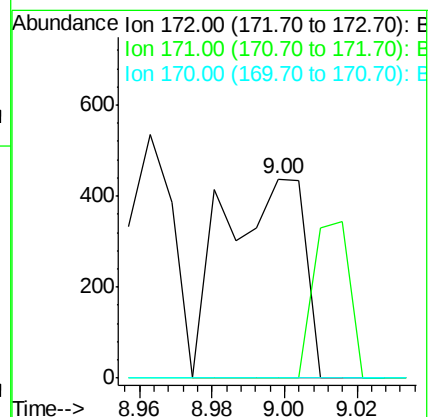
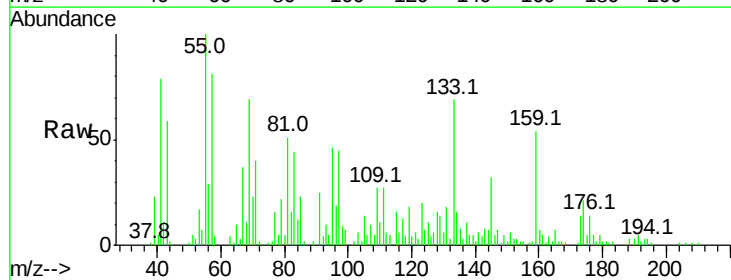
Instrument :
 BNA_F
 ClientSampleId :
 MW-2

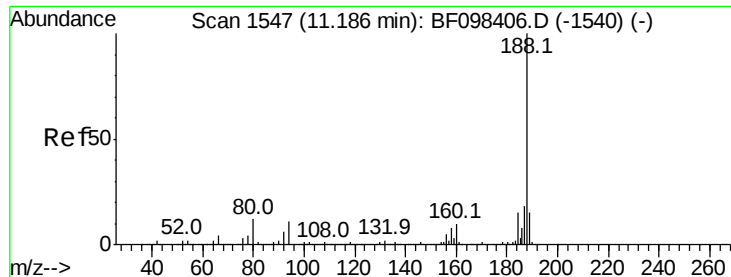
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 95.8
 141 39.3



#44
 2-Fluorobiphenyl
 Concen: 0.069 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF098661.D
 Acq: 20 Sep 2017 15:45

Tgt Ion: 172 Resp: 677
 Ion Ratio Lower Upper
 172 100
 171 0.0 29.6 44.4#
 170 0.0 19.8 29.8#

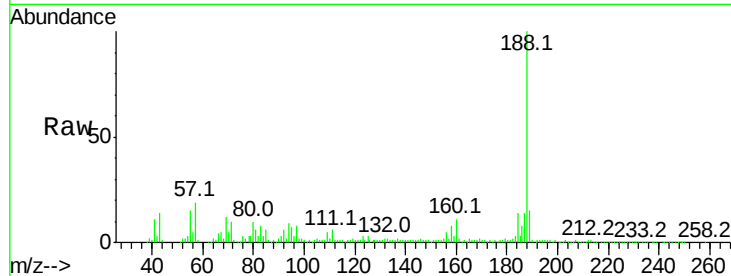




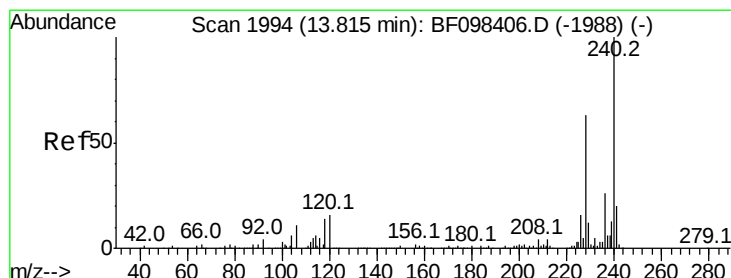
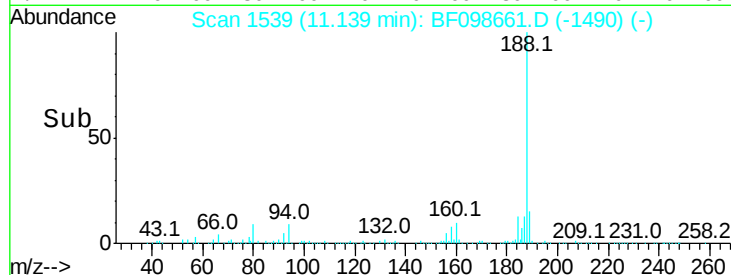
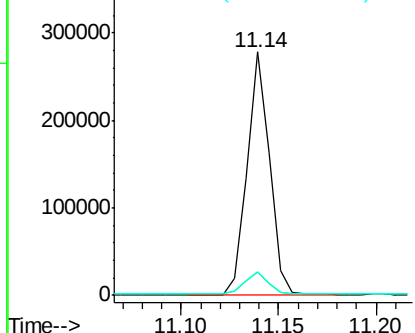
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.14 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BF098661.D
Acq: 20 Sep 2017 15:45

Instrument :
BNA_F
ClientSampleId :
MW-2

Tot Ion:188 Resp: 222322
Ion Ratio Lower Upper
188 100
94 9.4 9.4 14.2#
80 9.8 10.2 15.2#

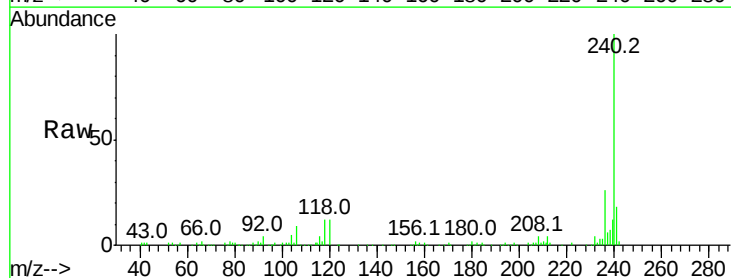


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

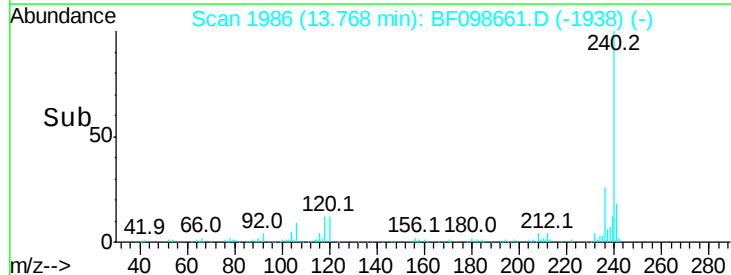
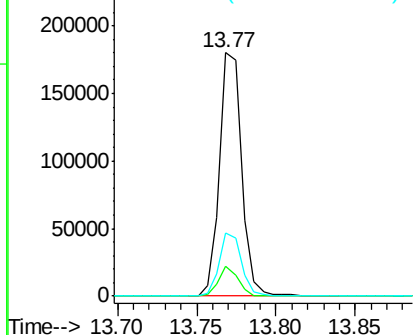


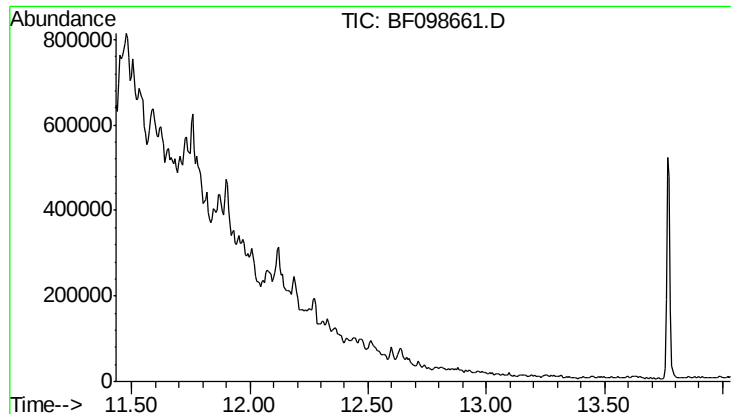
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.02 min
Lab File: BF098661.D
Acq: 20 Sep 2017 15:45

Tgt Ion:240 Resp: 175112
Ion Ratio Lower Upper
240 100
120 12.3 5.8 8.8#
236 26.2 20.5 30.7



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

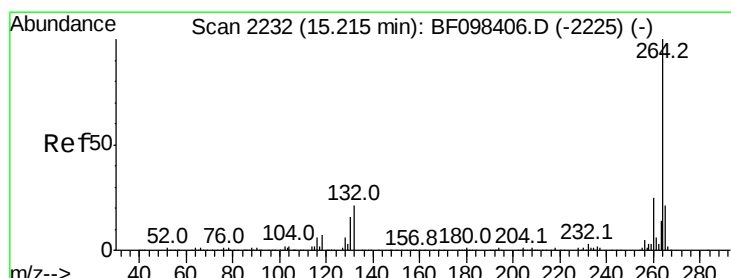
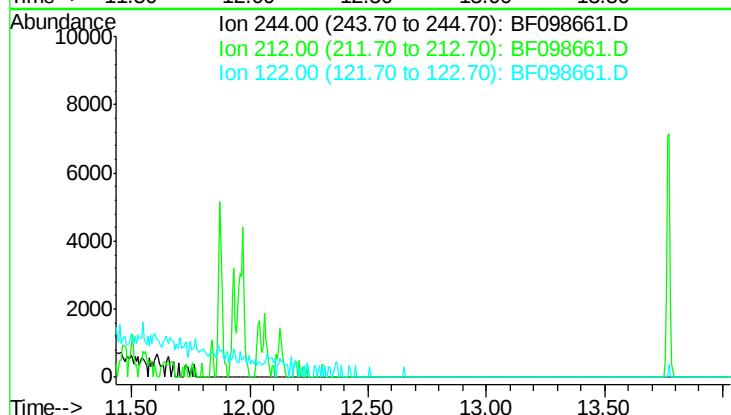




#78
 Terphenyl-d14
 Concen: 0.000 ng
 Expected RT: 12.73 min
 Lab File: BF098661.D
 Acq: 20 Sep 2017 15:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tot Ion: 244
 Sig Exp Ratio
 244 100
 212 7.5
 122 12.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.17 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF098661.D
 Acq: 20 Sep 2017 15:45

Tgt Ion: 264 Resp: 219082
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 20.8 17.2 25.8

