

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111516\
 Data File : BF091170.D
 Acq On : 15 Nov 2016 10:46
 Operator : UM/SJ
 Sample : H5643-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-111016

Quant Time: Nov 16 00:41:12 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	160901	20.00	ng	-0.02
21) Naphthalene-d8	7.92	136	687919	20.00	ng	-0.03
38) Acenaphthene-d10	9.66	164	368348	20.00	ng	-0.03
63) Phenanthrene-d10	11.15	188	667751	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	558694	20.00	ng	-0.03
86) Perylene-d12	15.14	264	411450	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	750900	77.08	ng	-0.02
7) Phenol-d6	6.28	99	646805	48.91	ng	-0.03
23) Nitrobenzene-d5	7.21	82	1304639	103.46	ng	-0.03
41) 2,4,6-Tribromophenol	10.46	330	588163	176.62	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	1921845	89.83	ng	-0.03
78) Terphenyl-d14	12.74	244	2234333	99.80	ng	-0.02

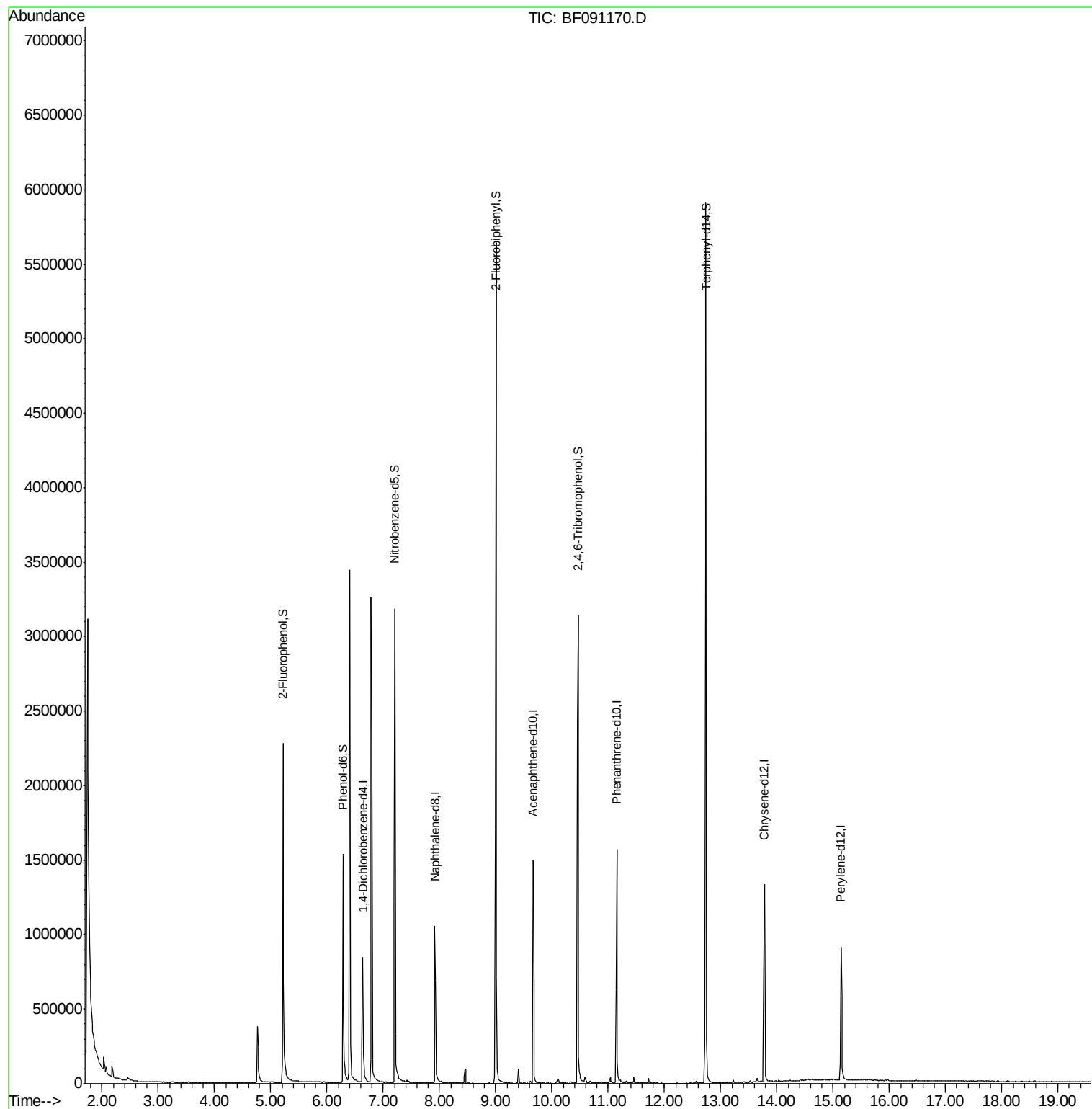
Target Compounds Qvalue

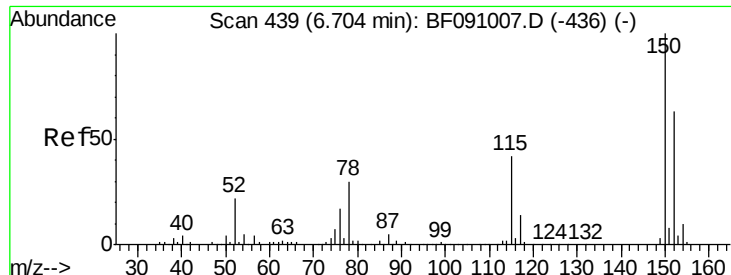
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111516\
Data File : BF091170.D
Acq On : 15 Nov 2016 10:46
Operator : UM/SJ
Sample : H5643-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1-111016

Quant Time: Nov 16 00:41:12 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration



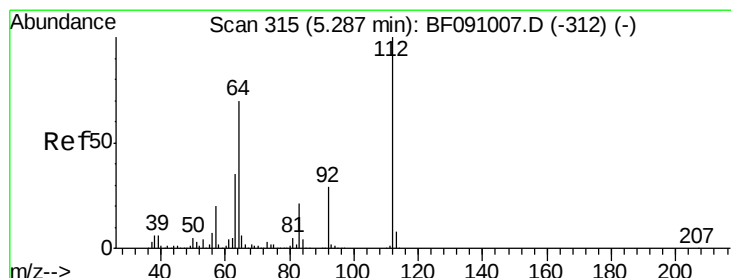
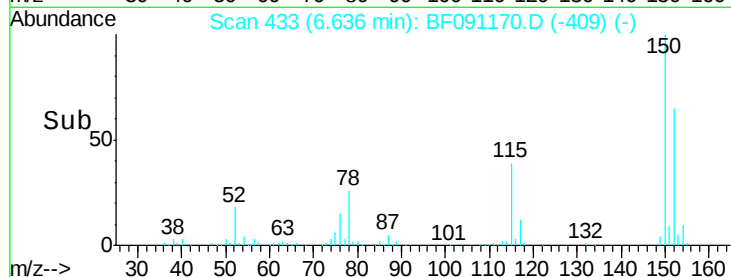
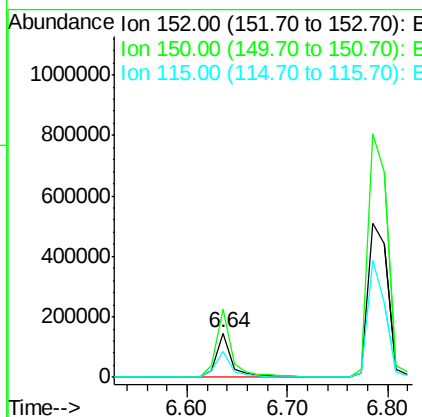
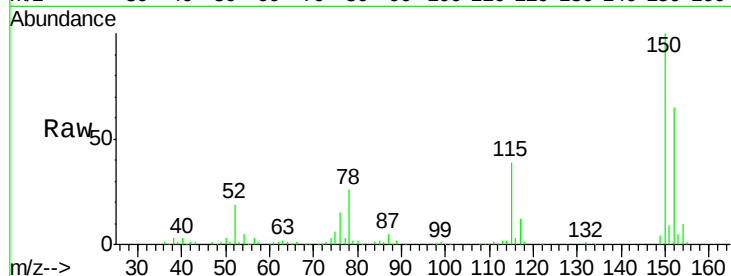


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.64 min Scan# 433
 Delta R.T. -0.02 min
 Lab File: BF091170.D
 Acq: 15 Nov 2016 10:46

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-111016

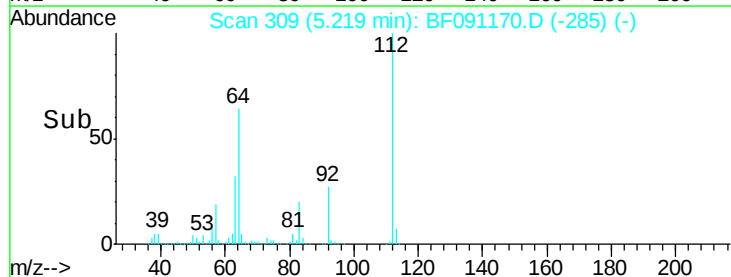
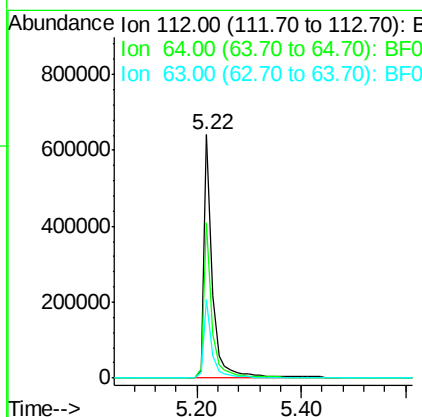
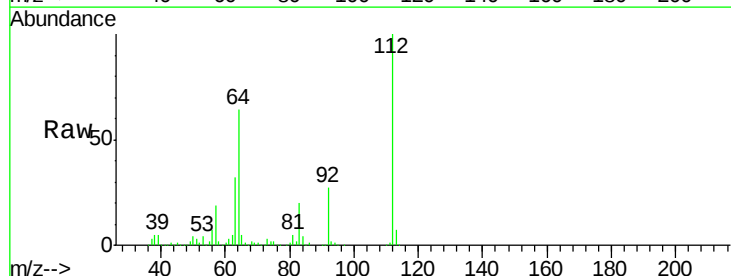
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	126.8	190.2
115	60.2	53.3	79.9

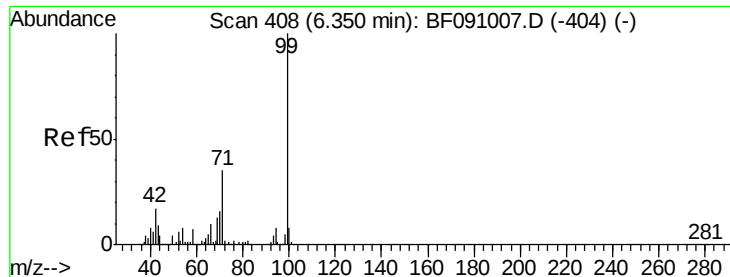


#5

2-Fluorophenol
 Concen: 77.08 ng
 RT: 5.22 min Scan# 309
 Delta R.T. -0.02 min
 Lab File: BF091170.D
 Acq: 15 Nov 2016 10:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.0	55.8	83.6
63	32.3	28.0	42.0





#7

Phenol-d6

Concen: 48.91 ng

RT: 6.28 min Scan# 402

Delta R.T. -0.03 min

Lab File: BF091170.D

Acq: 15 Nov 2016 10:46

Instrument :

BNA_F

ClientSampleId :

MW-1-111016

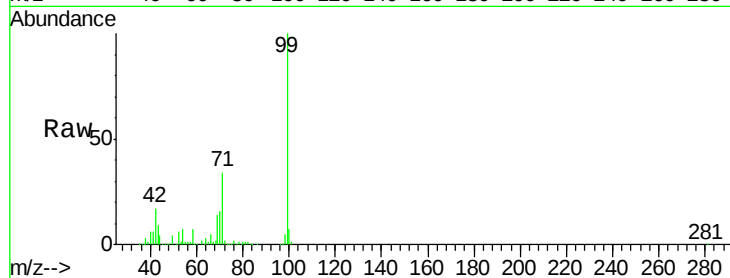
Tot Ion: 99 Resp: 646805

Ion Ratio Lower Upper

99 100

42 17.1 13.9 20.9

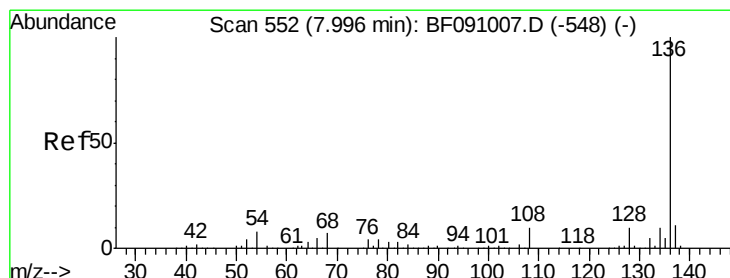
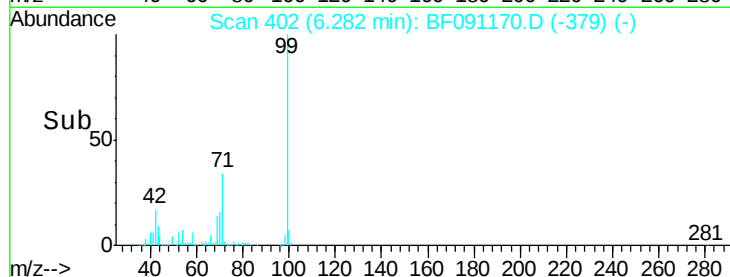
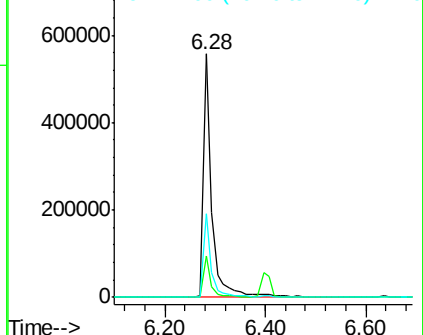
71 34.2 27.8 41.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 545

Delta R.T. -0.03 min

Lab File: BF091170.D

Acq: 15 Nov 2016 10:46

Tgt Ion: 136 Resp: 687919

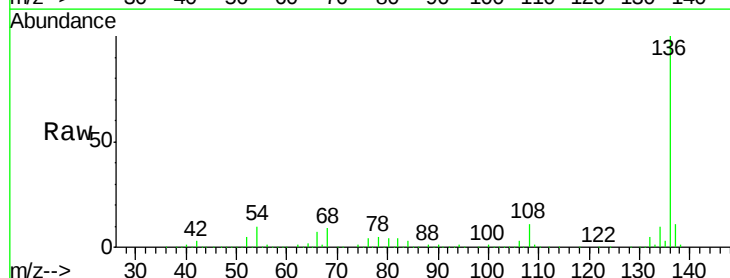
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 10.3 6.2 9.2#

68 8.5 5.5 8.3#

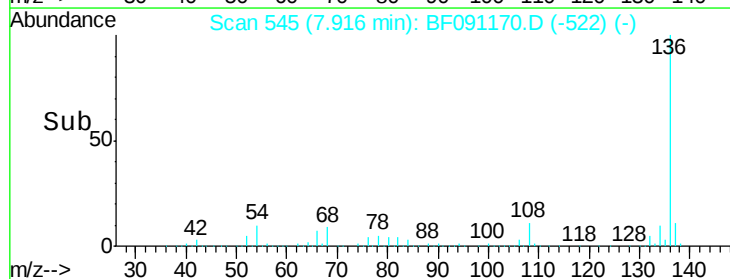
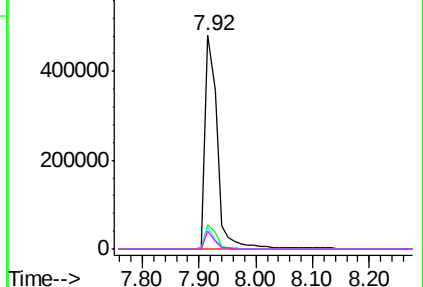


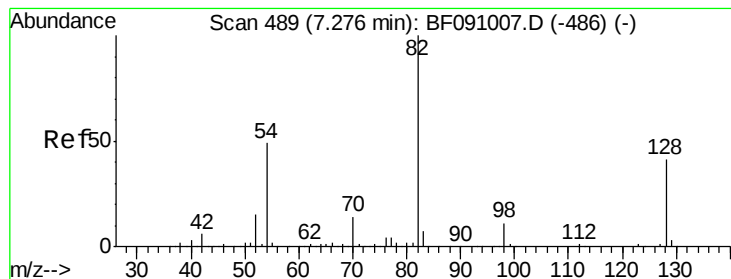
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 103.46 ng

RT: 7.21 min Scan# 483

Delta R.T. -0.03 min

Lab File: BF091170.D

Acq: 15 Nov 2016 10:46

Instrument :

BNA_F

ClientSampleId :

MW-1-111016

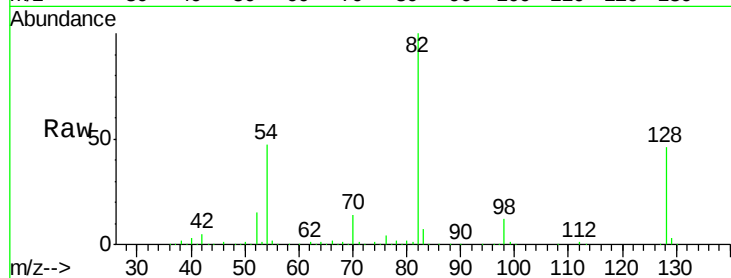
Tot Ion: 82 Resp: 1304639

Ion Ratio Lower Upper

82 100

128 45.6 32.4 48.6

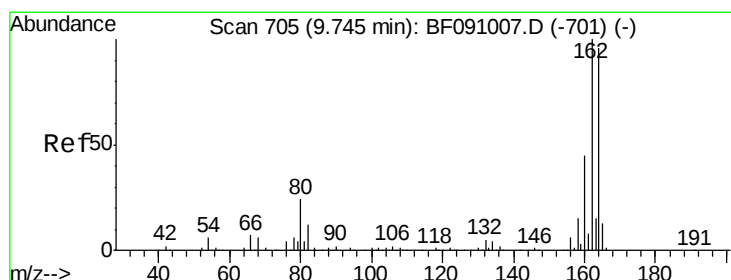
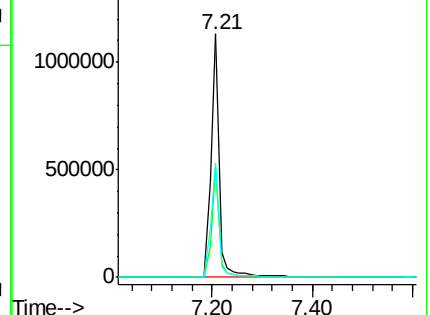
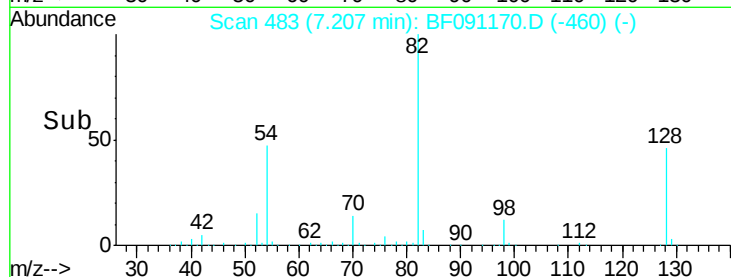
54 46.8 39.2 58.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 698

Delta R.T. -0.03 min

Lab File: BF091170.D

Acq: 15 Nov 2016 10:46

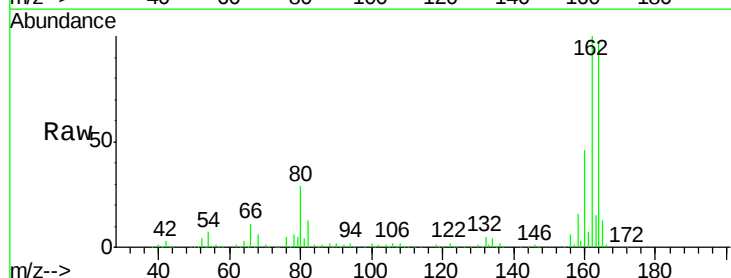
Tgt Ion:164 Resp: 368348

Ion Ratio Lower Upper

164 100

162 102.9 83.6 125.4

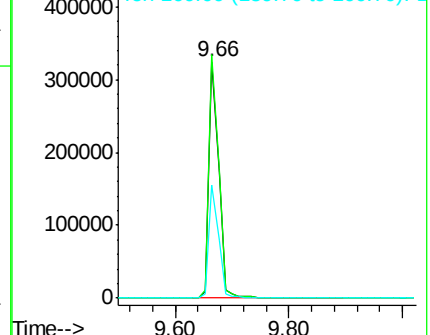
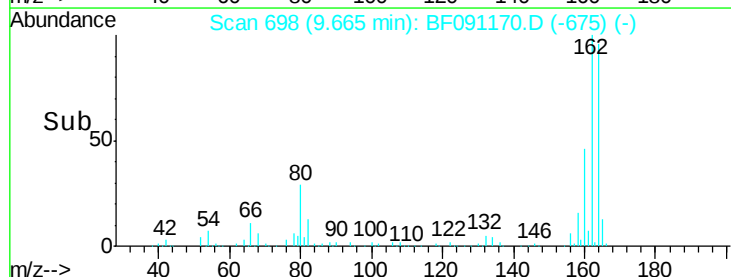
160 47.8 37.9 56.9

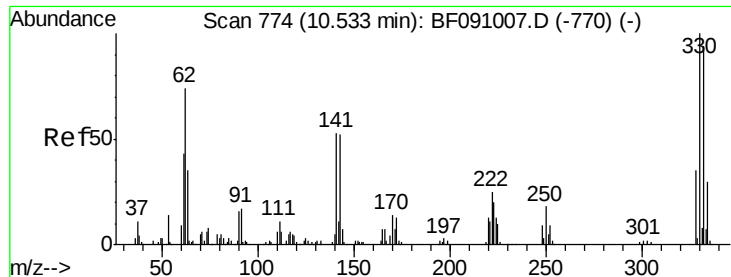


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

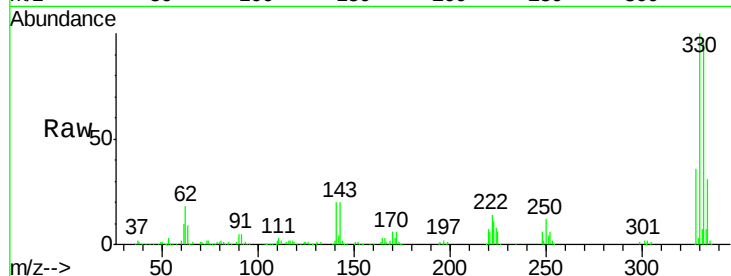




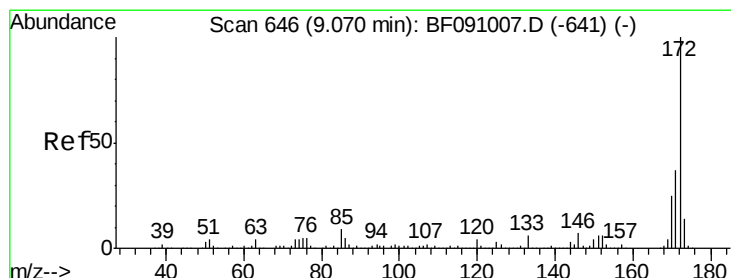
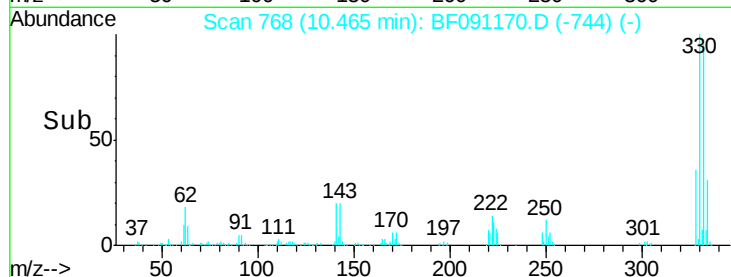
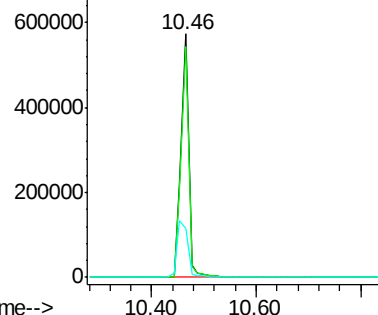
#41
 2,4,6-Tribromophenol
 Concen: 176.62 ng
 RT: 10.46 min Scan# 768
 Delta R.T. -0.02 min
 Lab File: BF091170.D
 Acq: 15 Nov 2016 10:46

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-111016

Tot Ion:330 Resp: 588163
 Ion Ratio Lower Upper
 330 100
 332 94.9 75.9 113.9
 141 32.5 36.1 54.1#

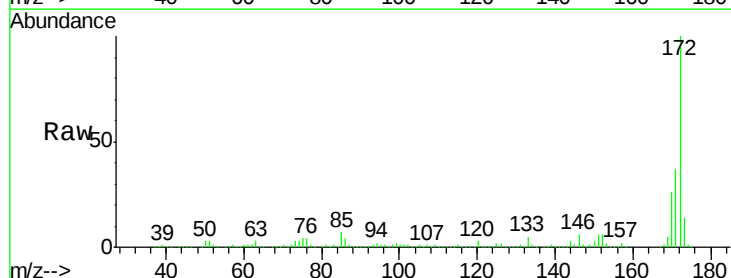


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

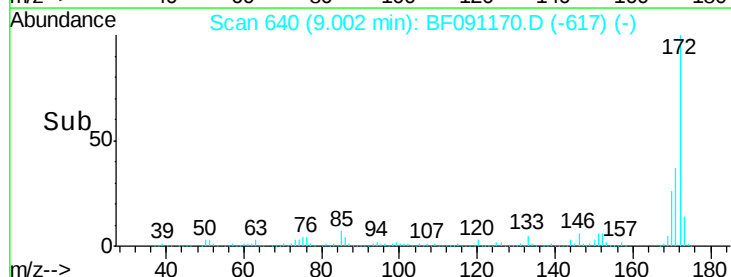
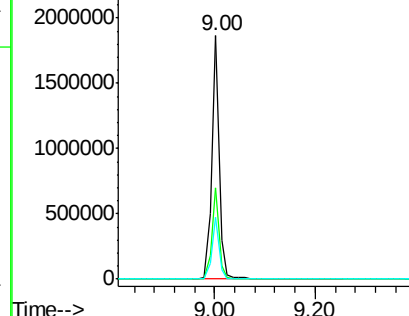


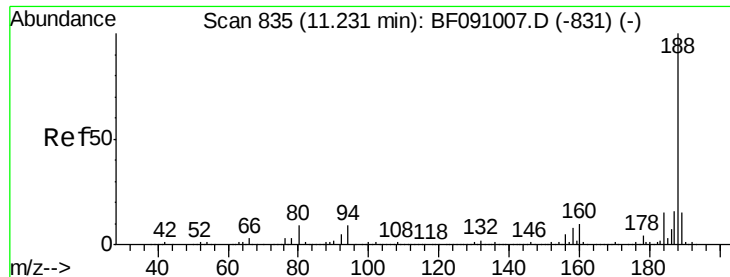
#44
 2-Fluorobiphenyl
 Concen: 89.83 ng
 RT: 9.00 min Scan# 640
 Delta R.T. -0.03 min
 Lab File: BF091170.D
 Acq: 15 Nov 2016 10:46

Tgt Ion:172 Resp: 1921845
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.8 44.6
 170 25.6 20.3 30.5



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

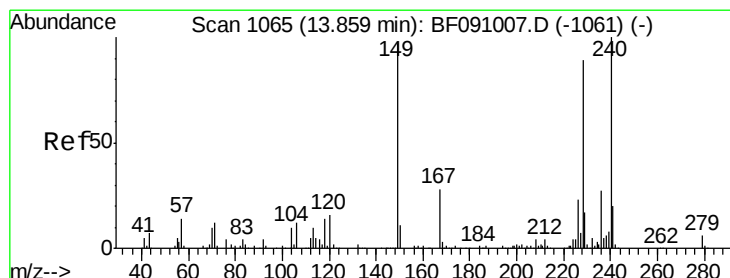
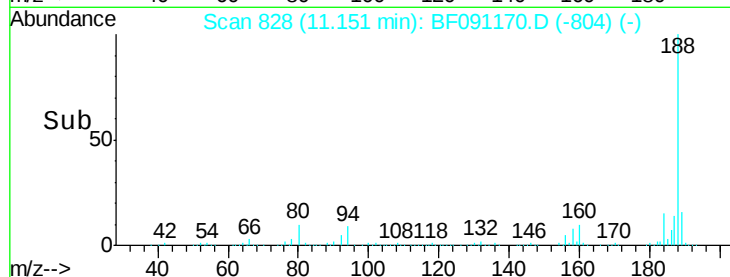
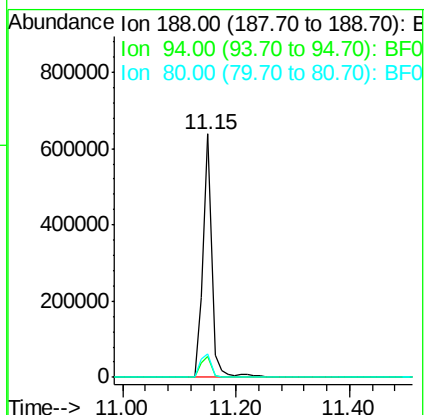
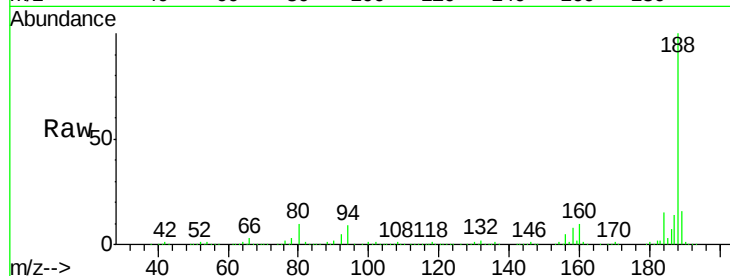




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF091170.D
Acq: 15 Nov 2016 10:46

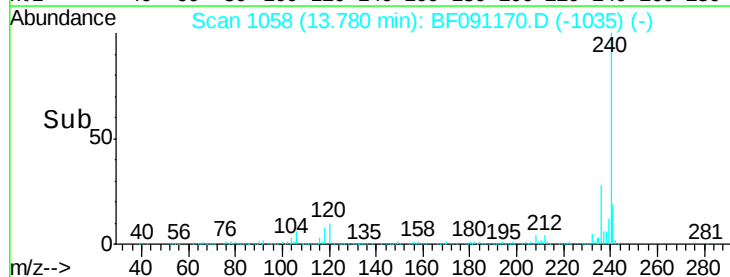
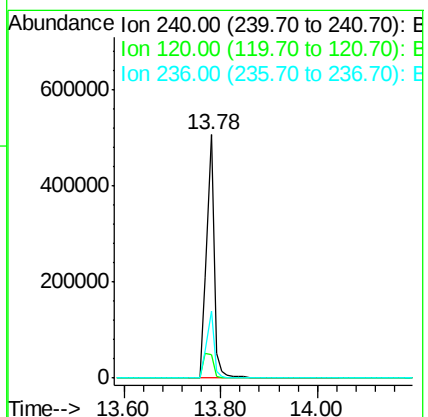
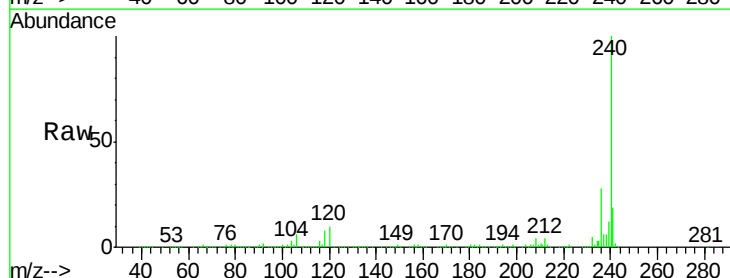
Instrument :
BNA_F
ClientSampleId :
MW-1-111016

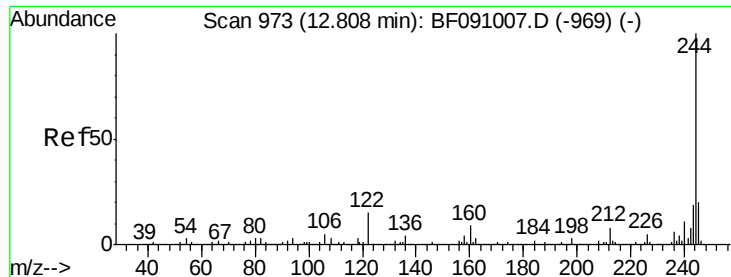
Tot Ion:188 Resp: 667751
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.4
80 9.8 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1058
Delta R.T. -0.03 min
Lab File: BF091170.D
Acq: 15 Nov 2016 10:46

Tgt Ion:240 Resp: 558694
Ion Ratio Lower Upper
240 100
120 9.5 12.9 19.3#
236 27.6 21.9 32.9

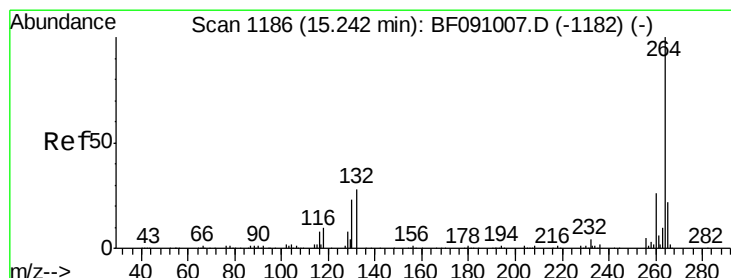
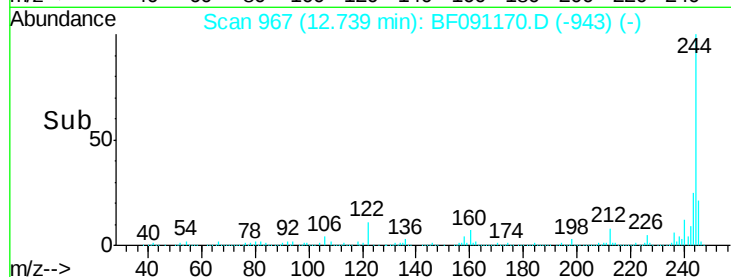
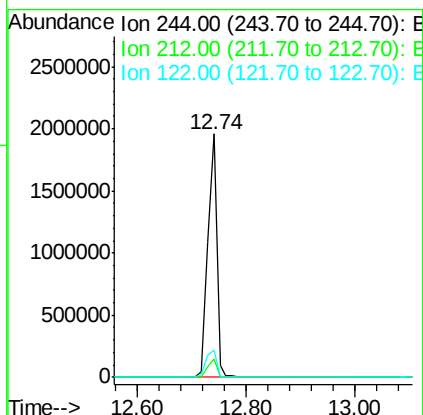
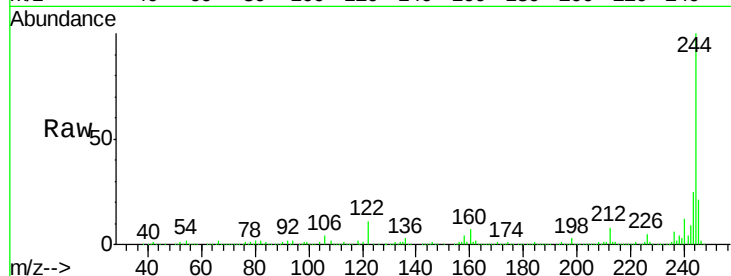




#78
 Terphenyl-d14
 Concen: 99.80 ng
 RT: 12.74 min Scan# 967
 Delta R.T. -0.02 min
 Lab File: BF091170.D
 Acq: 15 Nov 2016 10:46

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-111016

Tot Ion:244 Resp: 2234333
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.4 9.6
 122 11.1 12.3 18.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1177
 Delta R.T. -0.05 min
 Lab File: BF091170.D
 Acq: 15 Nov 2016 10:46

Tgt Ion:264 Resp: 411450
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.6 30.8
 265 22.1 17.8 26.8

