

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040417\
 Data File : BF094180.D
 Acq On : 4 Apr 2017 21:16
 Operator : SJ/MA
 Sample : I2516-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-7R

Quant Time: Apr 05 02:03:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.87	152	180700	20.00	ng	-0.03
21) Naphthalene-d8	7.38	136	730841	20.00	ng	-0.03
38) Acenaphthene-d10	9.52	164	345469	20.00	ng	-0.03
63) Phenanthrene-d10	11.34	188	596604	20.00	ng	-0.03
75) Chrysene-d12	14.60	240	471512	20.00	ng	-0.03
86) Perylene-d12	16.23	264	303329	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.41	112	653968	61.13	ng	-0.02
7) Phenol-d6	5.48	99	544963	41.18	ng	-0.03
23) Nitrobenzene-d5	6.53	82	1062578	82.97	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	406500	148.90	ng	-0.02
44) 2-Fluorobiphenyl	8.70	172	1882520	83.11	ng	-0.03
78) Terphenyl-d14	13.33	244	1654583	78.66	ng	-0.02

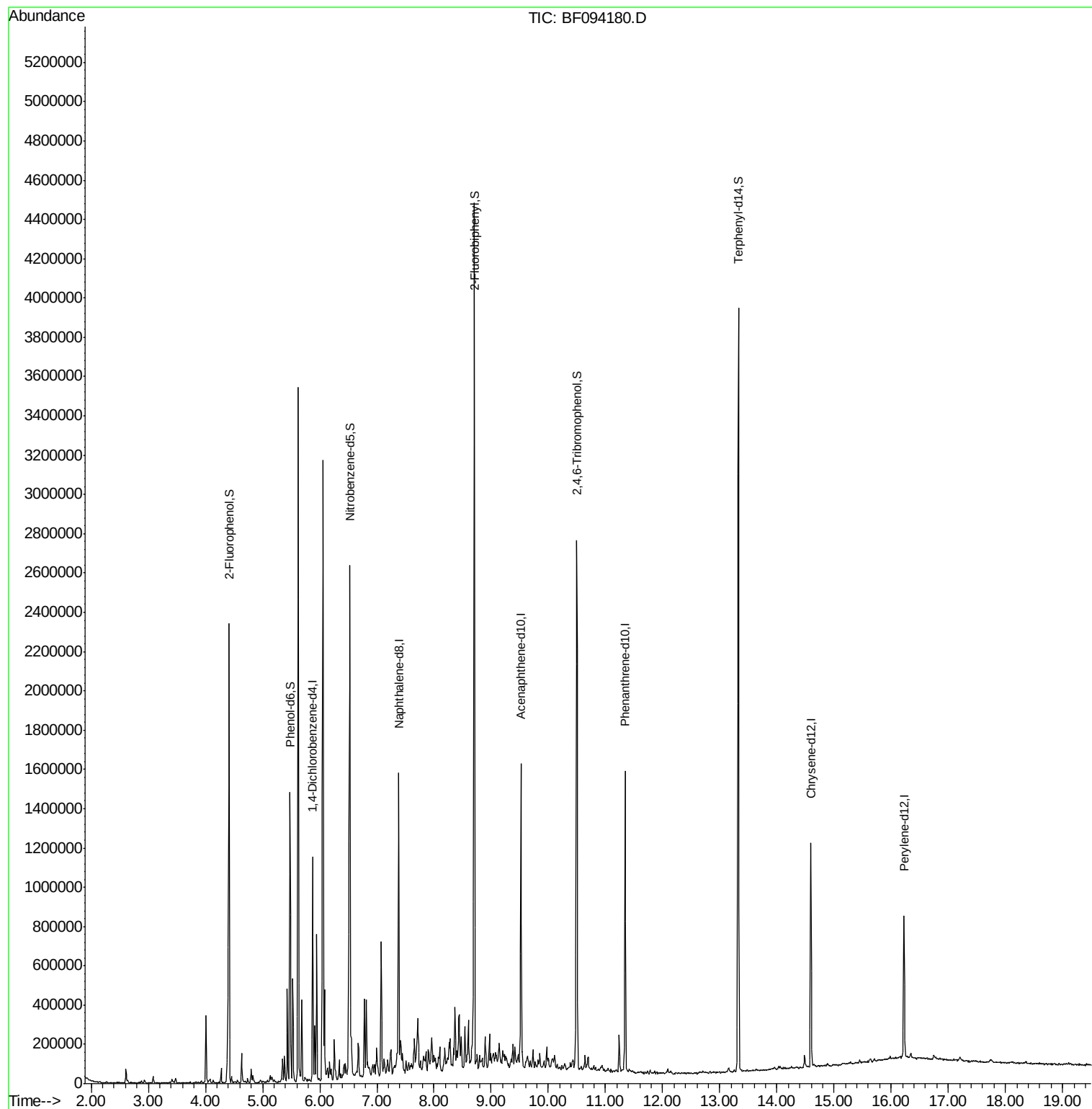
Target Compounds Qvalue

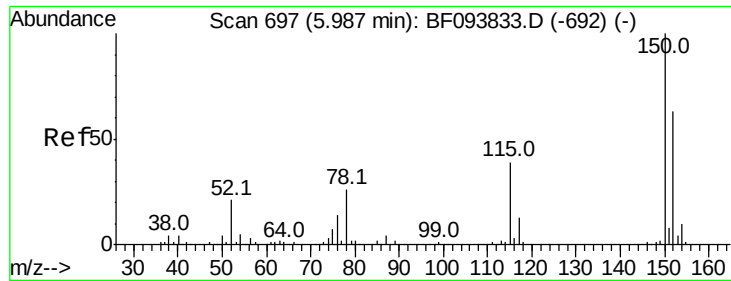
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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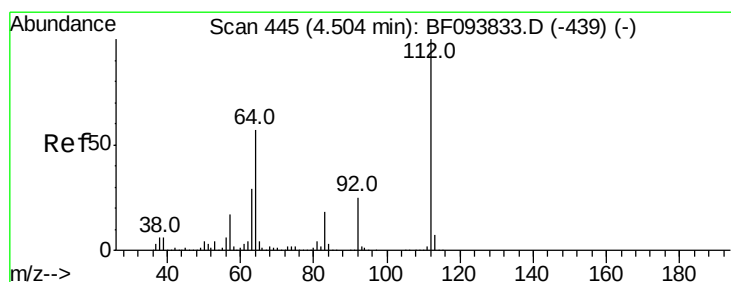
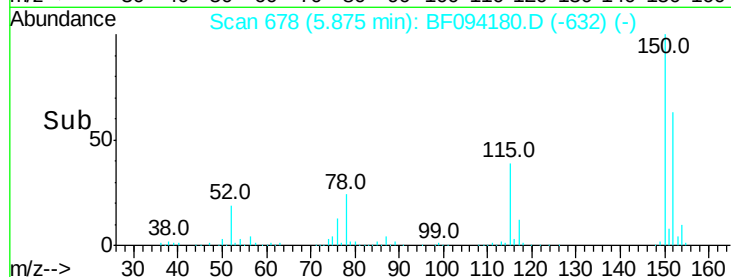
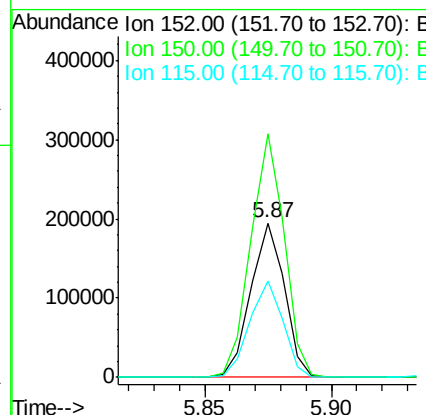
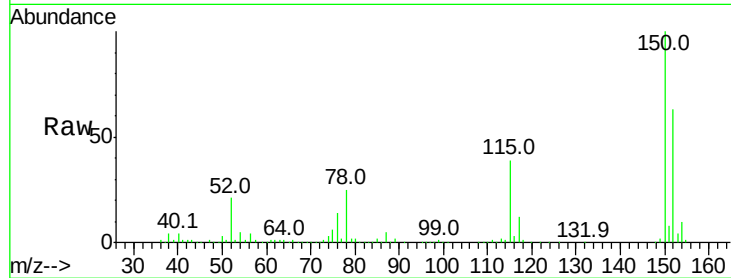


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.87 min Scan# 678
Delta R.T. -0.03 min
Lab File: BF094180.D
Acq: 4 Apr 2017 21:16

Instrument :
BNA_F
ClientSampleId :
MW-7R

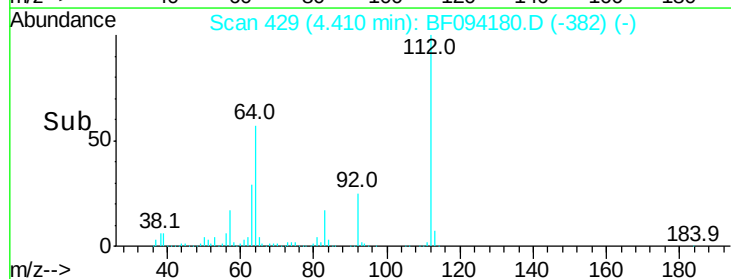
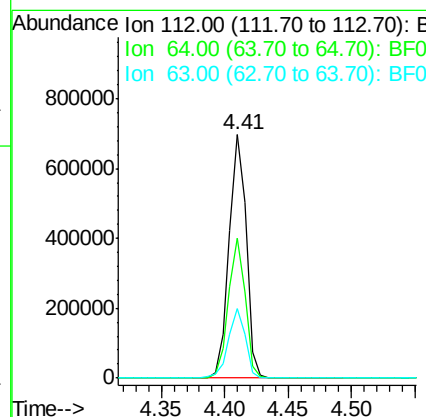
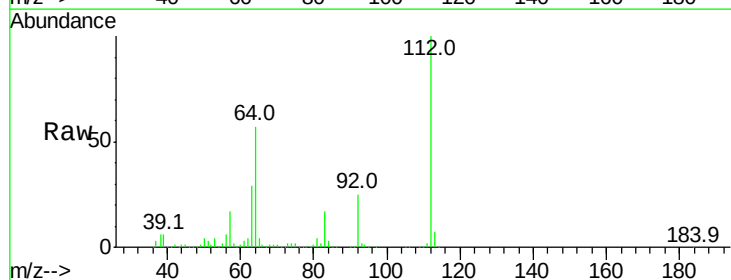
Tot Ion:152 Resp: 180700
Ion Ratio Lower Upper
152 100
150 157.8 126.2 189.2
115 62.2 52.2 78.2

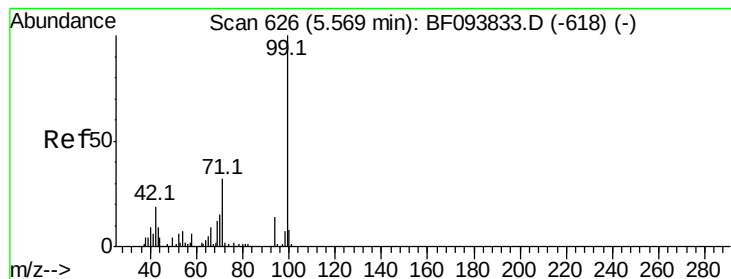


#5

2-Fluorophenol
Concen: 61.13 ng
RT: 4.41 min Scan# 429
Delta R.T. -0.02 min
Lab File: BF094180.D
Acq: 4 Apr 2017 21:16

Tgt Ion:112 Resp: 653968
Ion Ratio Lower Upper
112 100
64 57.3 46.0 69.0
63 28.5 23.4 35.0





#7

Phenol-d6

Concen: 41.18 ng

RT: 5.48 min Scan# 611

Delta R.T. -0.03 min

Lab File: BF094180.D

Acq: 4 Apr 2017 21:16

Instrument :

BNA_F

ClientSampleId :

MW-7R

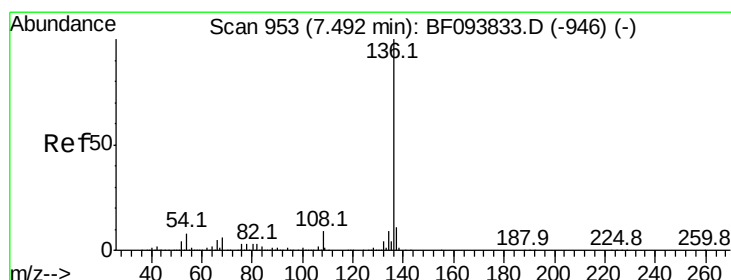
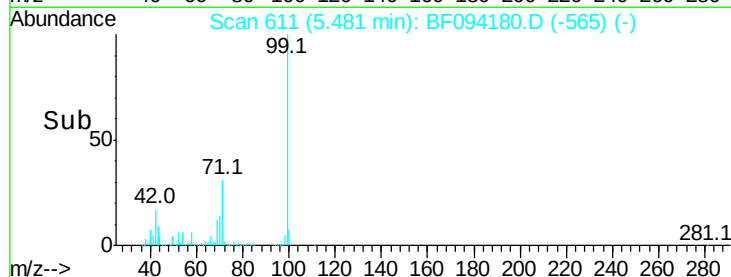
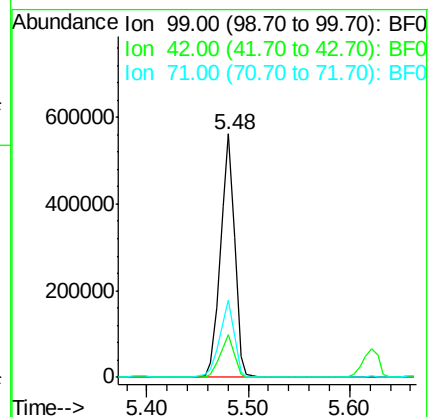
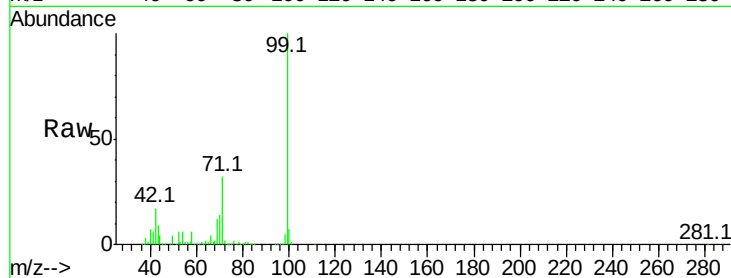
Tot Ion: 99 Resp: 544963

Ion Ratio Lower Upper

99 100

42 17.3 13.5 20.3

71 31.6 24.5 36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.38 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF094180.D

Acq: 4 Apr 2017 21:16

Tgt Ion: 136 Resp: 730841

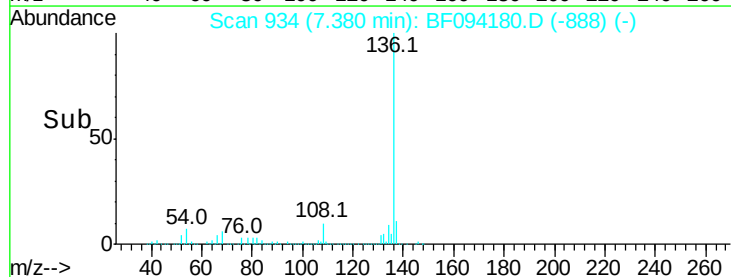
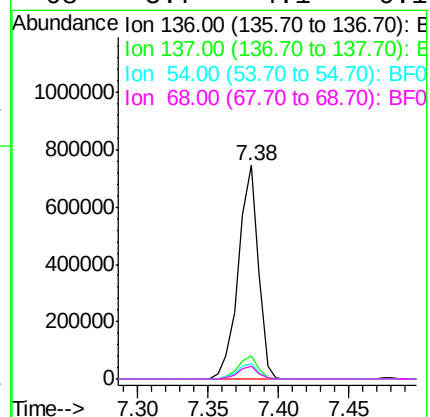
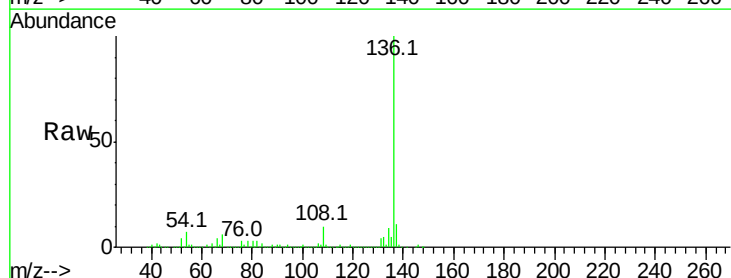
Ion Ratio Lower Upper

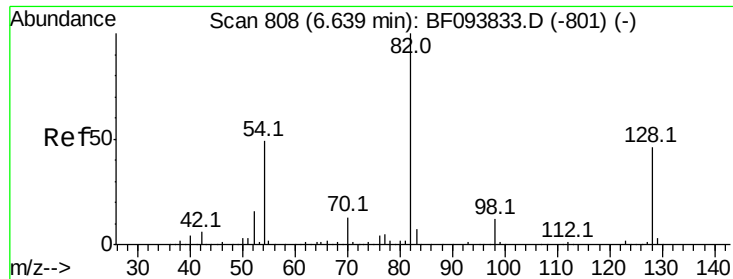
136 100

137 11.0 8.5 12.7

54 7.1 4.9 7.3

68 5.7 4.1 6.1



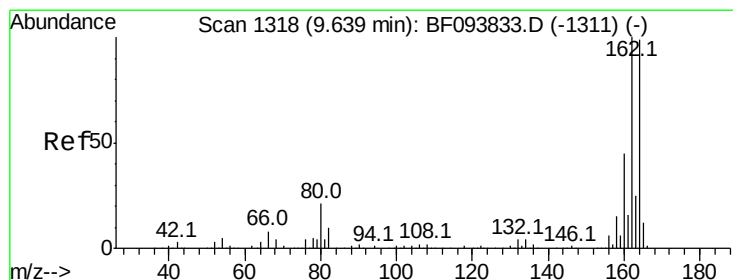
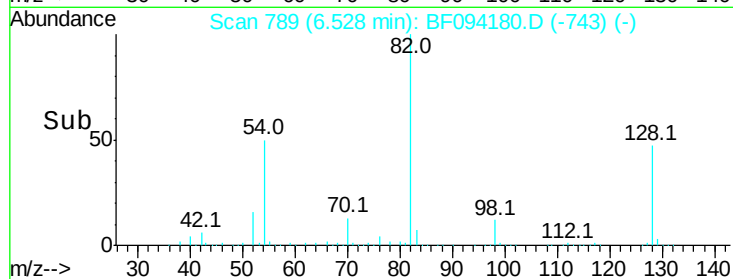
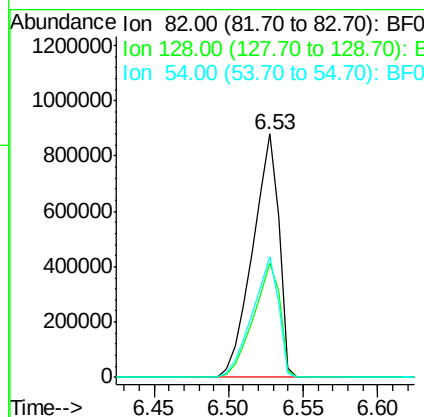
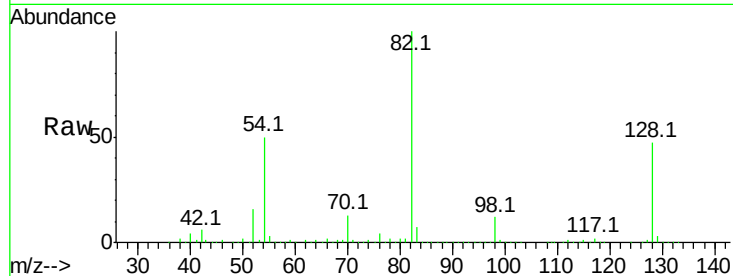


#23
 Nitrobenzene-d5
 Concen: 82.97 ng
 RT: 6.53 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF094180.D
 Acq: 4 Apr 2017 21:16

Instrument :
 BNA_F
 ClientSampleId :
 MW-7R

Tot Ion: 82 Resp: 1062578

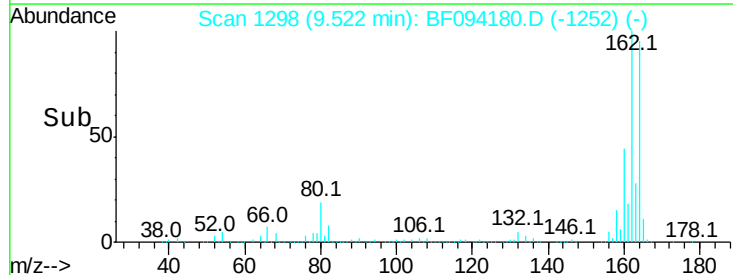
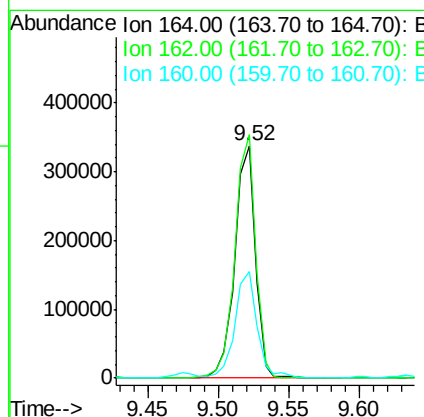
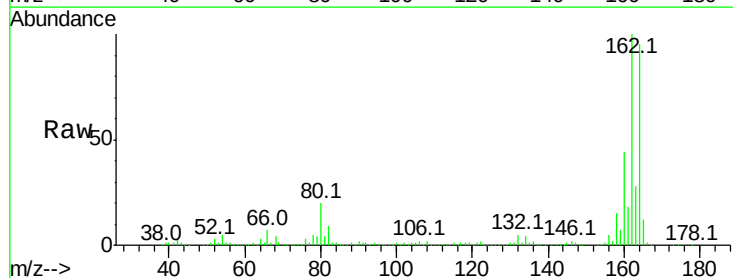
Ion	Ratio	Lower	Upper
82	100		
128	46.8	34.0	51.0
54	49.6	42.2	63.2

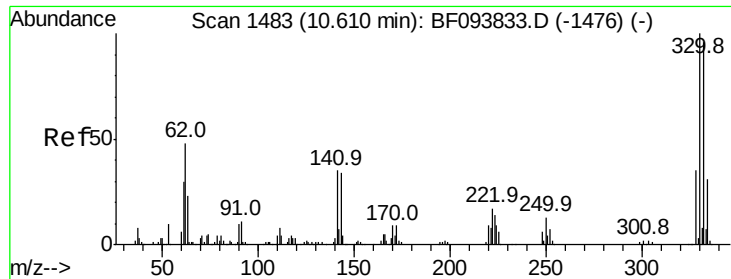


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 1298
 Delta R.T. -0.03 min
 Lab File: BF094180.D
 Acq: 4 Apr 2017 21:16

Tgt Ion:164 Resp: 345469

Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.6	123.8
160	46.2	36.2	54.2

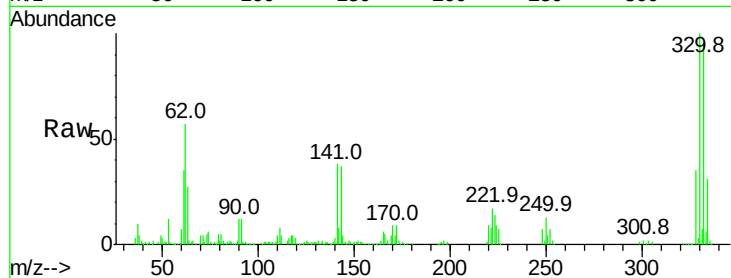




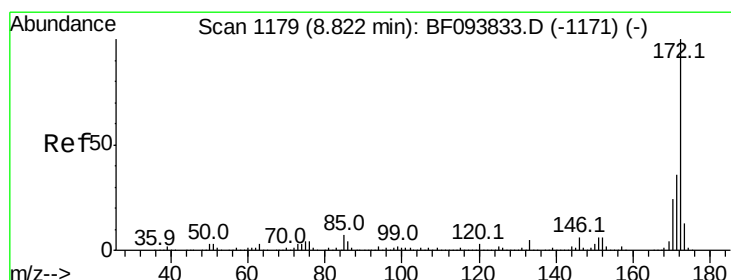
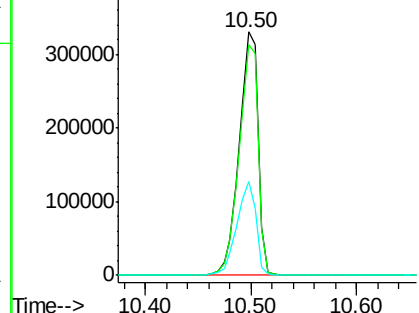
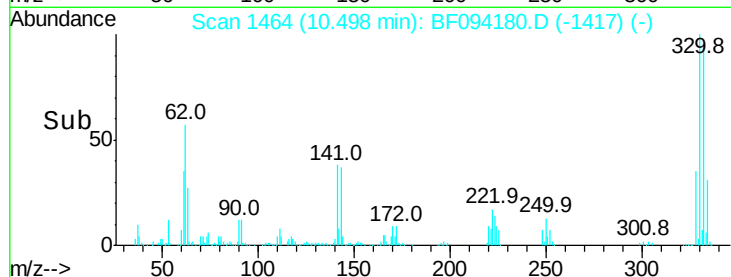
#41
 2,4,6-Tribromophenol
 Concen: 148.90 ng
 RT: 10.50 min Scan# 1464
 Delta R.T. -0.02 min
 Lab File: BF094180.D
 Acq: 4 Apr 2017 21:16

Instrument :
 BNA_F
 ClientSampled :
 MW-7R

Tot Ion:330 Resp: 406500
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 115.0
 141 38.8 31.4 47.2

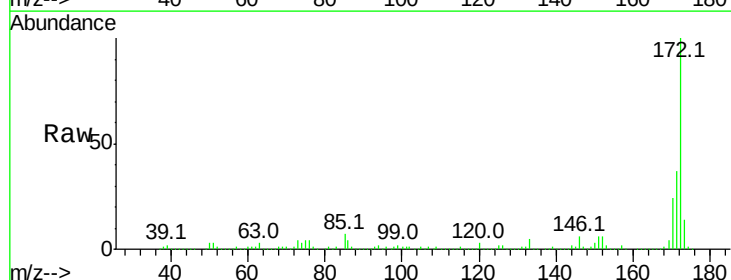


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

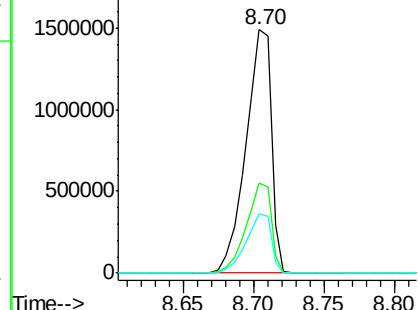
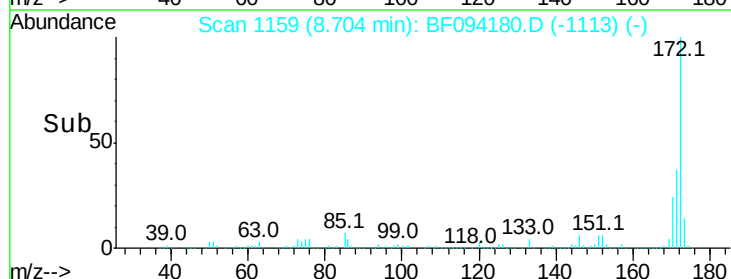


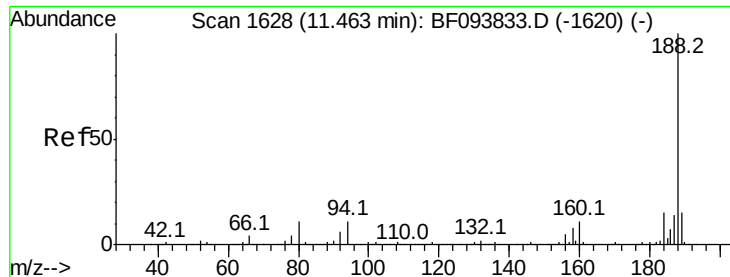
#44
 2-Fluorobiphenyl
 Concen: 83.11 ng
 RT: 8.70 min Scan# 1159
 Delta R.T. -0.03 min
 Lab File: BF094180.D
 Acq: 4 Apr 2017 21:16

Tgt Ion:172 Resp: 1882520
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.6 44.4
 170 24.5 19.8 29.8



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: 11.34 min Scan# 1608

Delta R.T. -0.03 min

Lab File: BF094180.D

Acq: 4 Apr 2017 21:16

Instrument :

BNA_F

ClientSampleId :

MW-7R

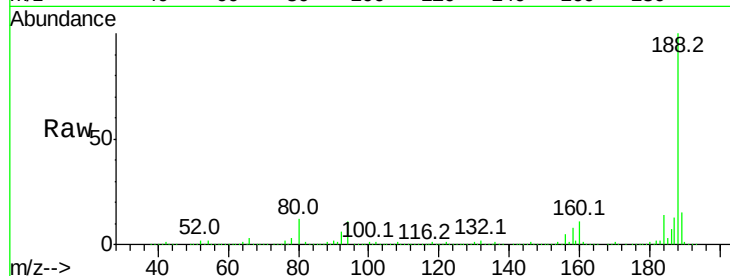
Tot Ion:188 Resp: 596604

Ion Ratio Lower Upper

188 100

94 10.8 9.4 14.2

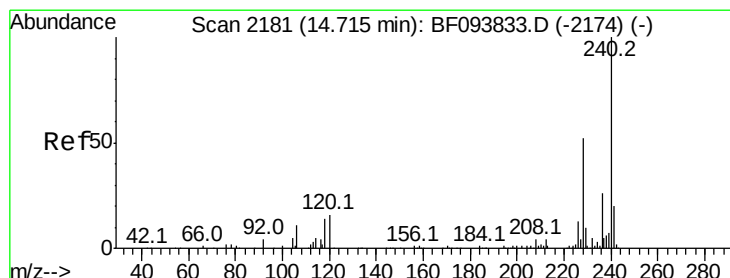
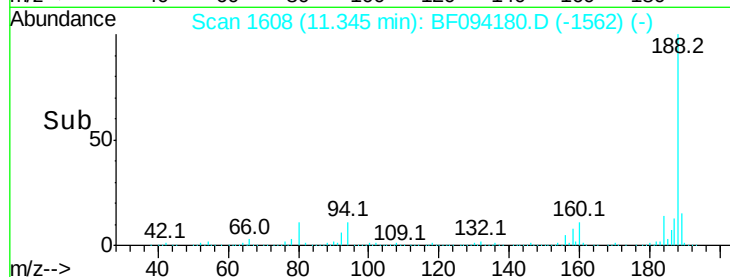
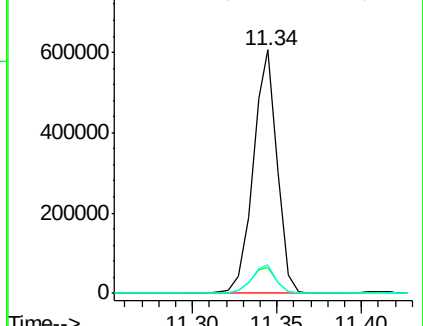
80 11.5 10.2 15.2



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: 20.00 ng

RT: 14.60 min Scan# 2161

Delta R.T. -0.03 min

Lab File: BF094180.D

Acq: 4 Apr 2017 21:16

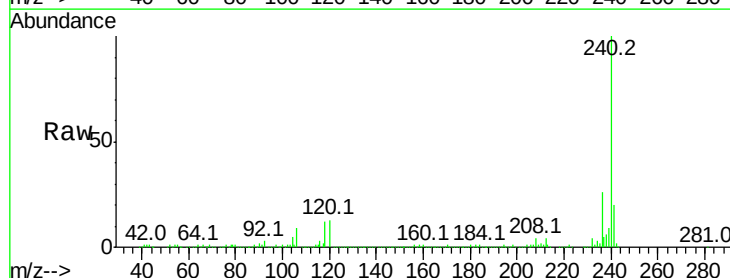
Tgt Ion:240 Resp: 471512

Ion Ratio Lower Upper

240 100

120 13.1 5.8 8.8#

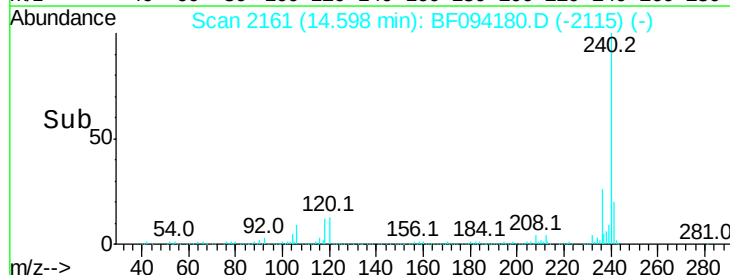
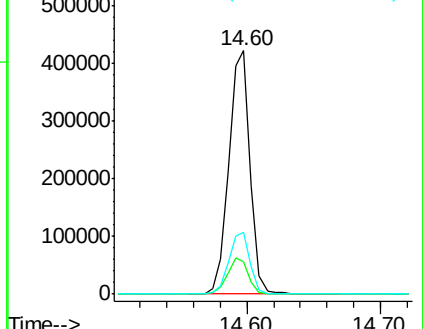
236 25.5 20.5 30.7

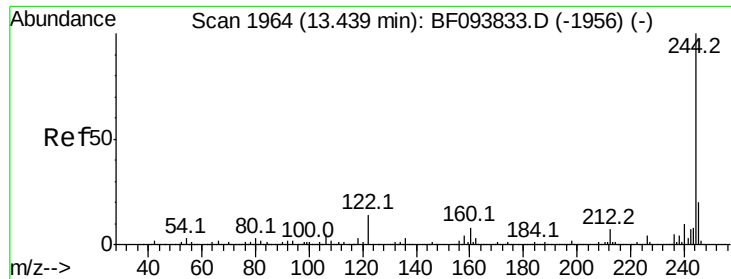


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

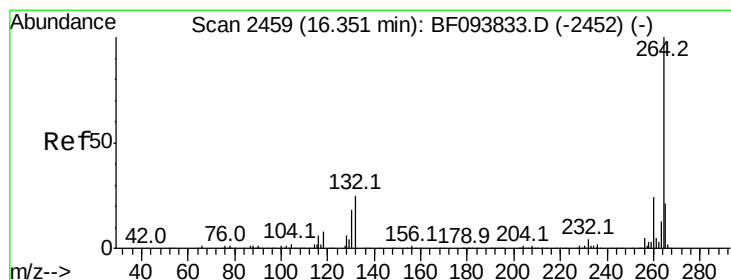
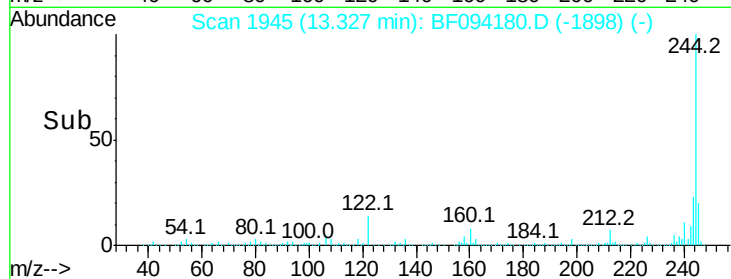
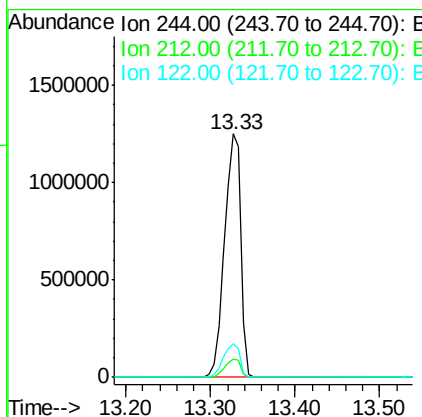
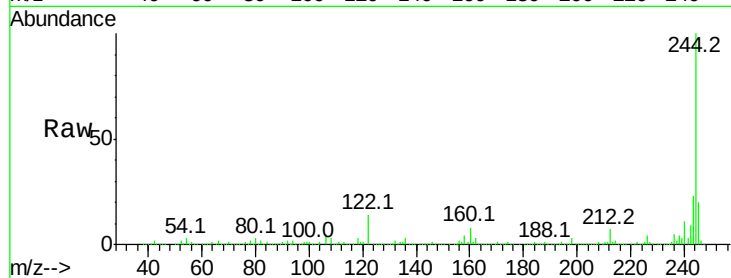




#78
 Terphenyl-d14
 Concen: 78.66 ng
 RT: 13.33 min Scan# 1945
 Delta R.T. -0.02 min
 Lab File: BF094180.D
 Acq: 4 Apr 2017 21:16

Instrument :
 BNA_F
 ClientSampleId :
 MW-7R

Tot Ion:244 Resp: 1654583
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 14.0 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.23 min Scan# 2438
 Delta R.T. -0.02 min
 Lab File: BF094180.D
 Acq: 4 Apr 2017 21:16

Tgt Ion:264 Resp: 303329
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 21.6 17.2 25.8

