

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040317\
 Data File : BF094119.D
 Acq On : 3 Apr 2017 14:32
 Operator : SJ/MA
 Sample : PB97987BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97987BL

Quant Time: Apr 04 01:24:22 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	5.89	152	166834	20.00	ng	-0.02
21) Naphthalene-d8	7.39	136	665360	20.00	ng	-0.02
38) Acenaphthene-d10	9.53	164	311114	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	574802	20.00	ng	-0.02
75) Chrysene-d12	14.60	240	500417	20.00	ng	-0.02
86) Perylene-d12	16.24	264	352001	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.43	112	1288323	130.43	ng	0.00
7) Phenol-d6	5.50	99	1628749	133.29	ng	-0.01
23) Nitrobenzene-d5	6.53	82	995938	85.42	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	348172	141.62	ng	-0.01
44) 2-Fluorobiphenyl	8.72	172	1845384	90.47	ng	-0.02
78) Terphenyl-d14	13.34	244	1697570	76.04	ng	-0.01

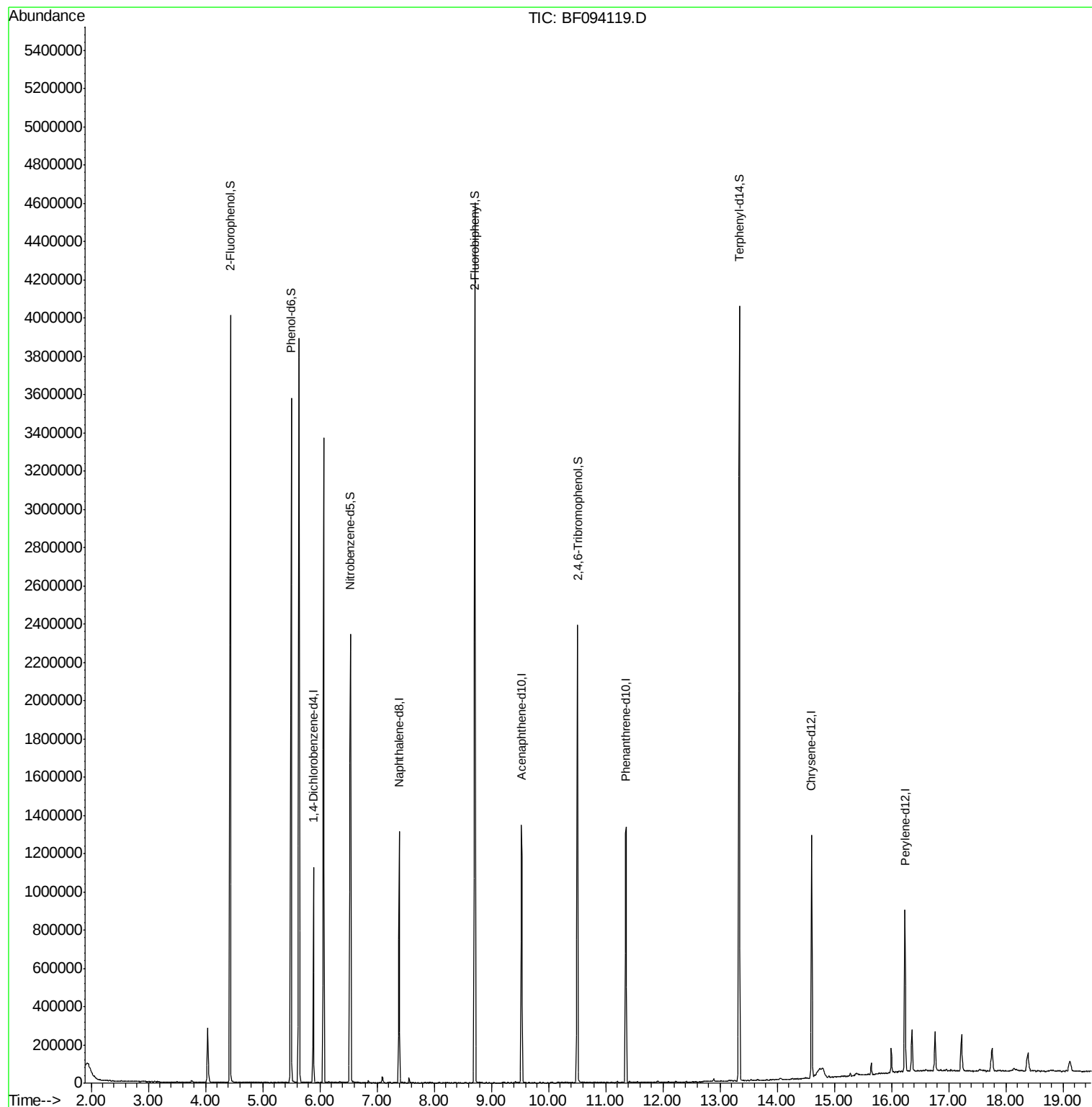
Target Compounds Qvalue

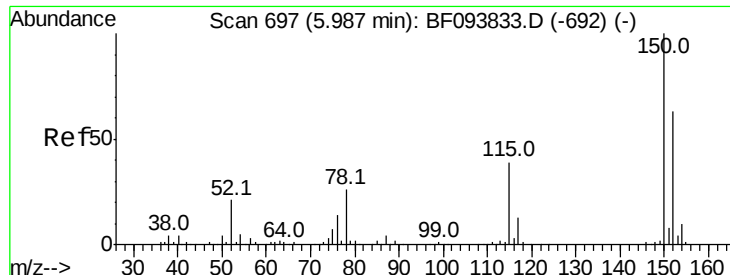
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.89 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF094119.D

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PB97987BL

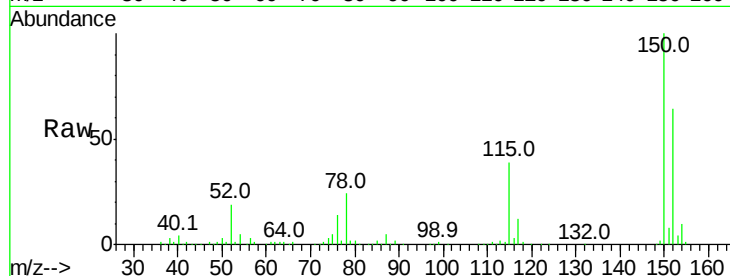
Tot Ion:152 Resp: 166834

Ion Ratio Lower Upper

152 100

150 156.0 126.2 189.2

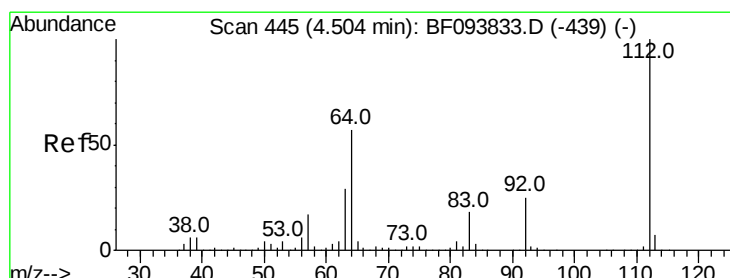
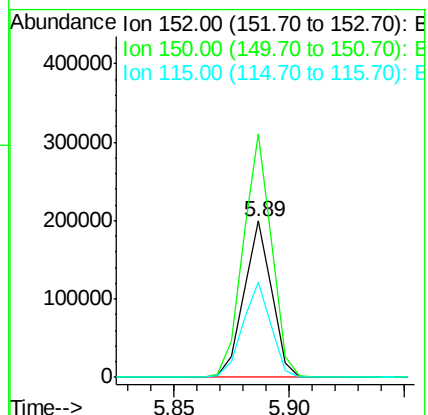
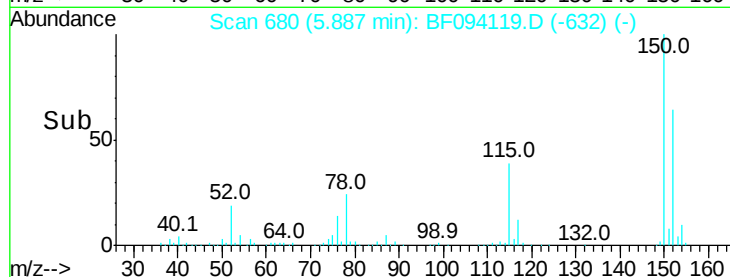
115 60.9 52.2 78.2



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: 130.43 ng

RT: 4.43 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF094119.D

Acq: 3 Apr 2017 14:32

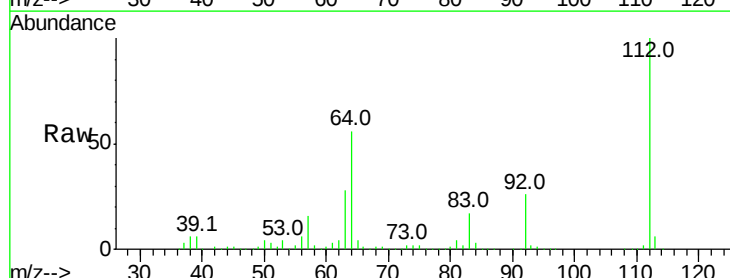
Tgt Ion:112 Resp: 1288323

Ion Ratio Lower Upper

112 100

64 56.1 46.0 69.0

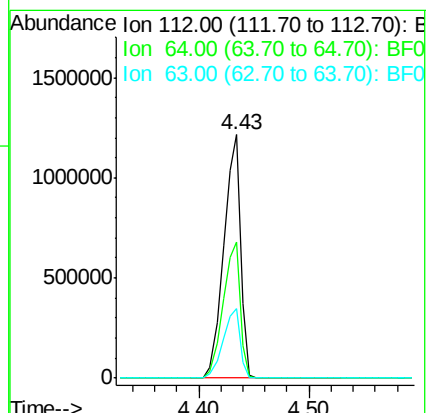
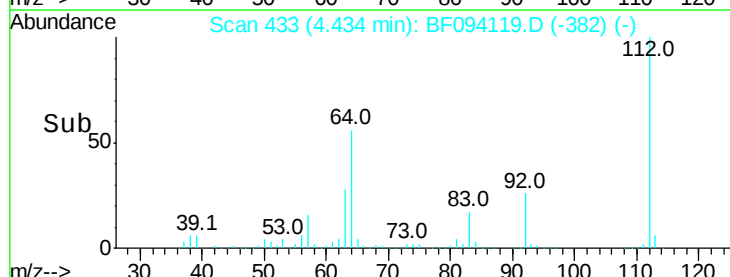
63 28.4 23.4 35.0

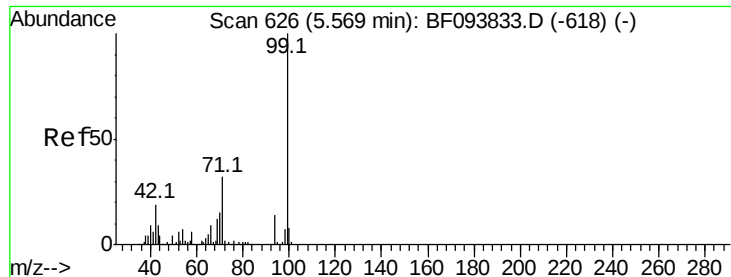


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 133.29 ng

RT: 5.50 min Scan# 614

Delta R.T. -0.01 min

Lab File: BF094119.D

Acq: 3 Apr 2017 14:32

Instrument :

BNA_F

ClientSampleId :

PB97987BL

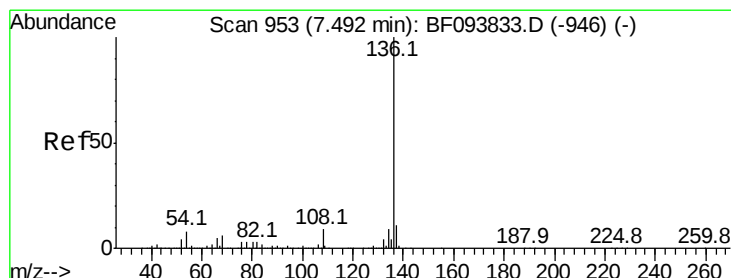
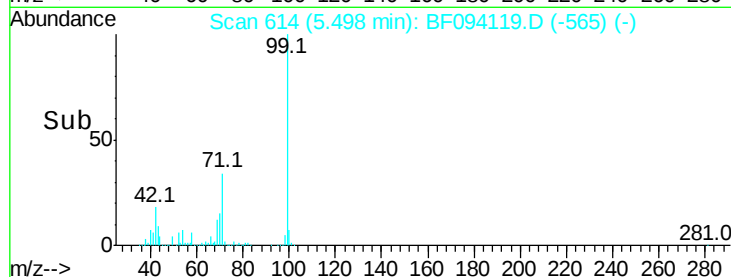
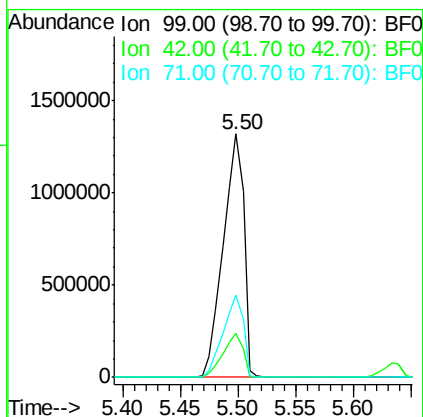
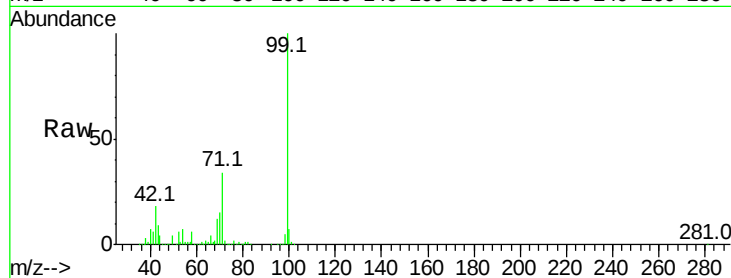
Tot Ion: 99 Resp: 1628749

Ion Ratio Lower Upper

99 100

42 18.0 13.5 20.3

71 33.8 24.5 36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.39 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF094119.D

Acq: 3 Apr 2017 14:32

Tgt Ion: 136 Resp: 665360

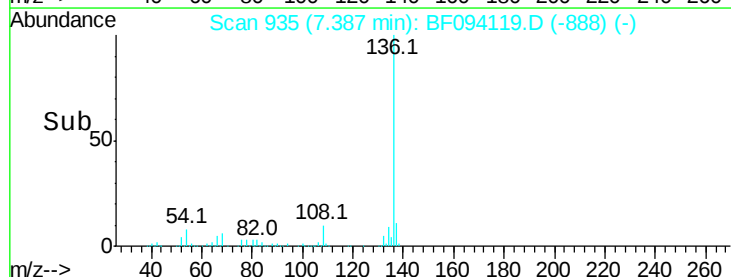
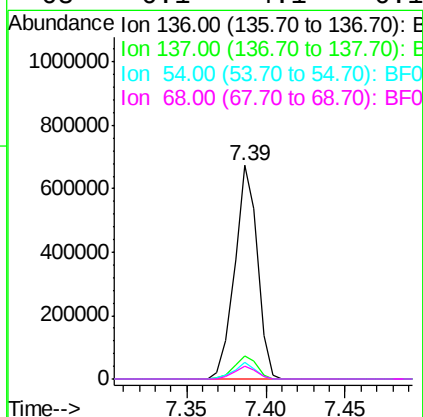
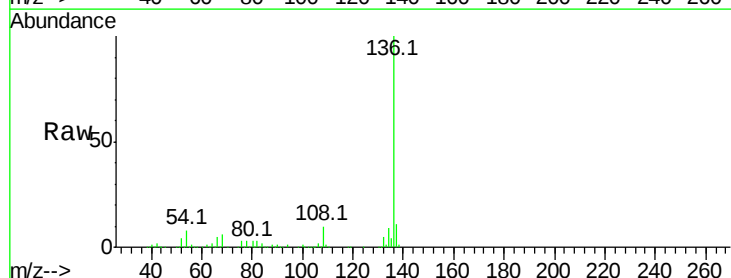
Ion Ratio Lower Upper

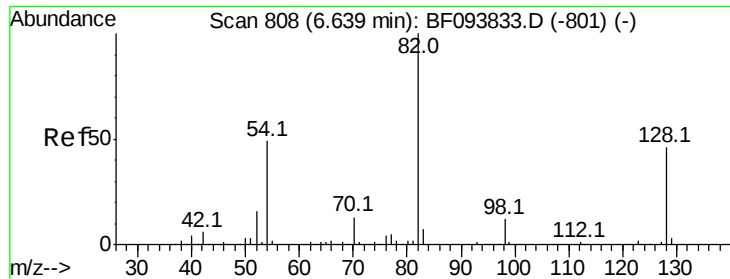
136 100

137 10.8 8.5 12.7

54 7.5 4.9 7.3#

68 6.1 4.1 6.1

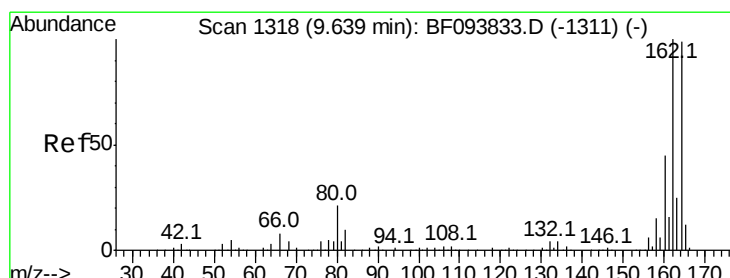
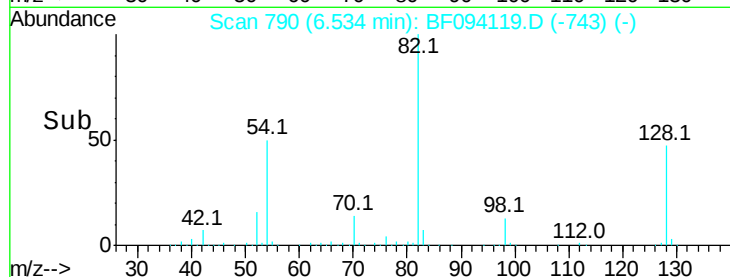
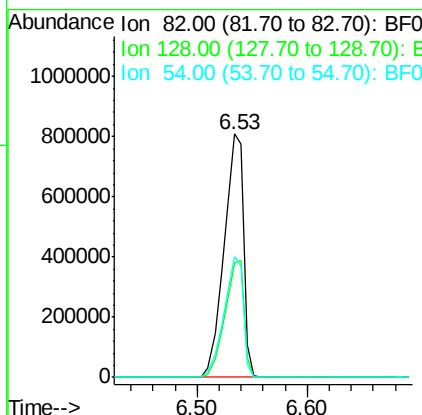
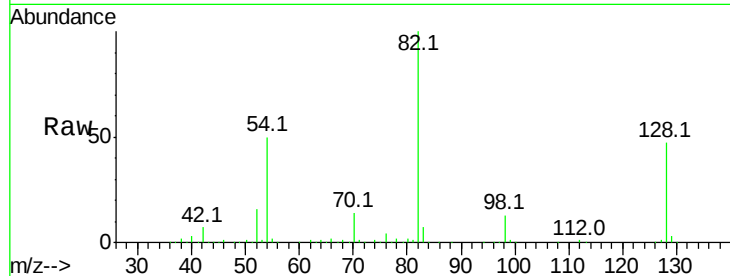




#23
 Nitrobenzene-d5
 Concen: 85.42 ng
 RT: 6.53 min Scan# 790
 Delta R.T. -0.02 min
 Lab File: BF094119.D
 Acq: 3 Apr 2017 14:32

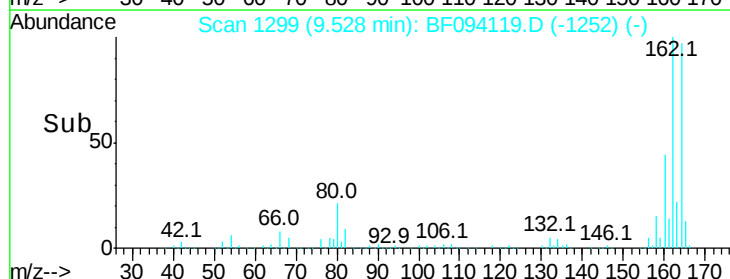
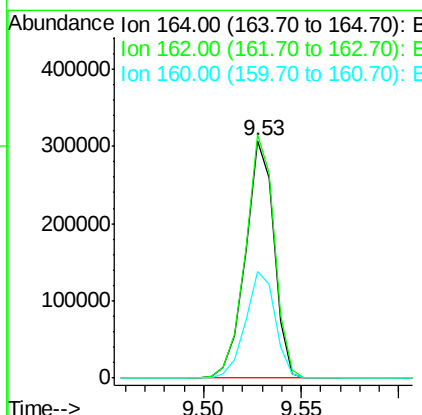
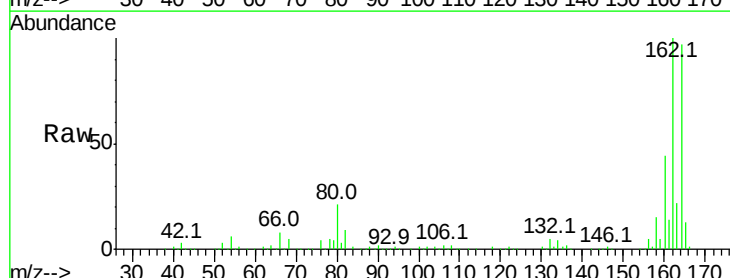
Instrument :
 BNA_F
 ClientSampleId :
 PB97987BL

Tot Ion: 82 Resp: 995938
 Ion Ratio Lower Upper
 82 100
 128 46.8 34.0 51.0
 54 49.7 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BF094119.D
 Acq: 3 Apr 2017 14:32

Tgt Ion:164 Resp: 311114
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.6 123.8
 160 45.0 36.2 54.2

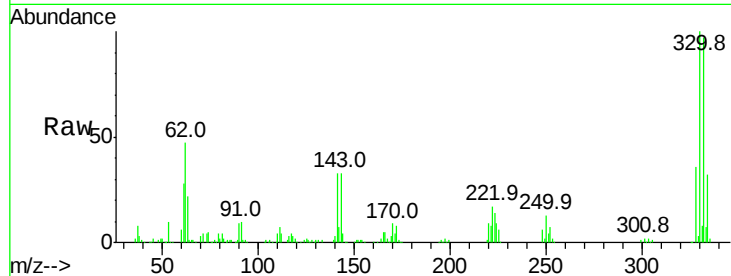




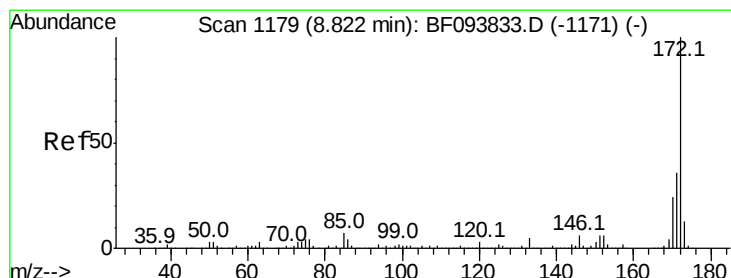
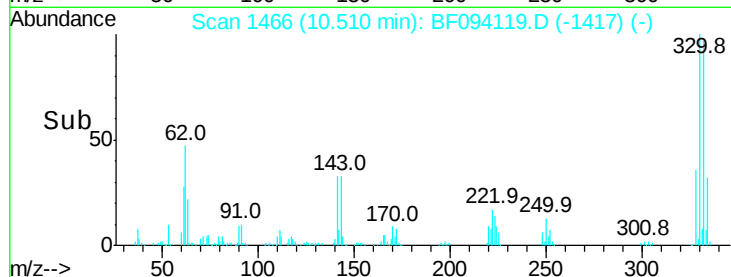
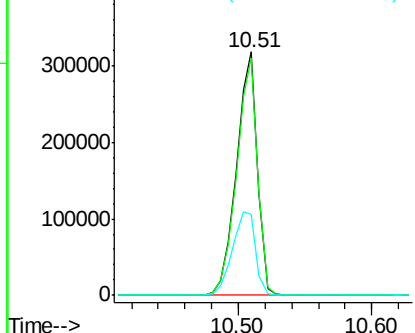
#41
 2,4,6-Tribromophenol
 Concen: 141.62 ng
 RT: 10.51 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF094119.D
 Acq: 3 Apr 2017 14:32

Instrument :
 BNA_F
 ClientSampleId :
 PB97987BL

Tot Ion:330 Resp: 348172
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 115.0
 141 38.4 31.4 47.2

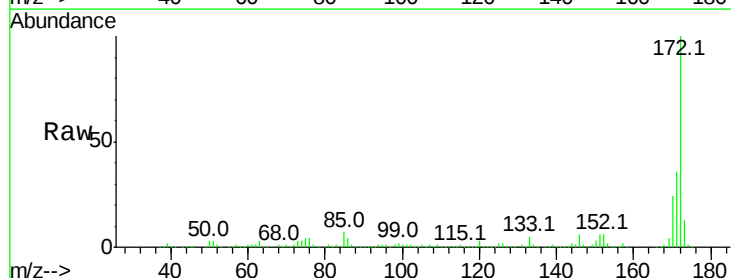


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

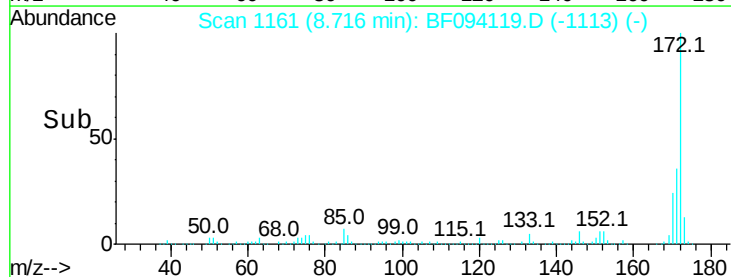
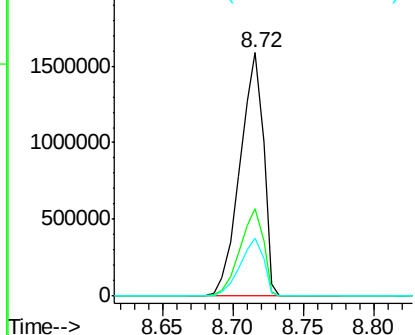


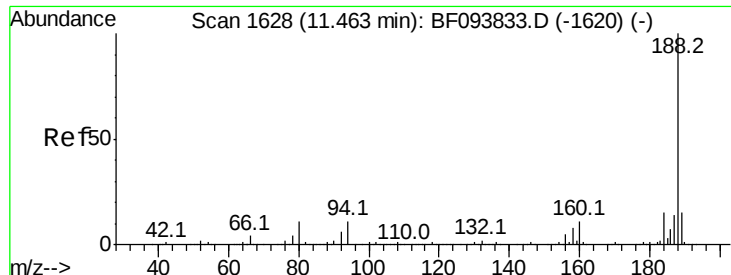
#44
 2-Fluorobiphenyl
 Concen: 90.47 ng
 RT: 8.72 min Scan# 1161
 Delta R.T. -0.02 min
 Lab File: BF094119.D
 Acq: 3 Apr 2017 14:32

Tgt Ion:172 Resp: 1845384
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.7 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: 11.36 min Scan# 1610

Delta R.T. -0.02 min

Lab File: BF094119.D

Acq: 3 Apr 2017 14:32

Instrument :

BNA_F

ClientSampleId :

PB97987BL

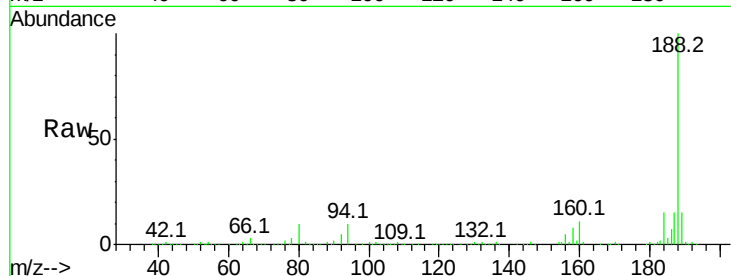
Tot Ion:188 Resp: 574802

Ion Ratio Lower Upper

188 100

94 9.5 9.4 14.2

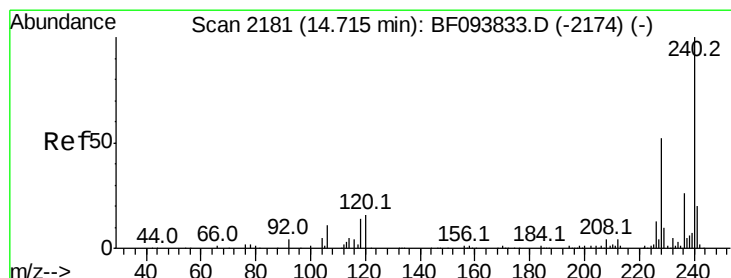
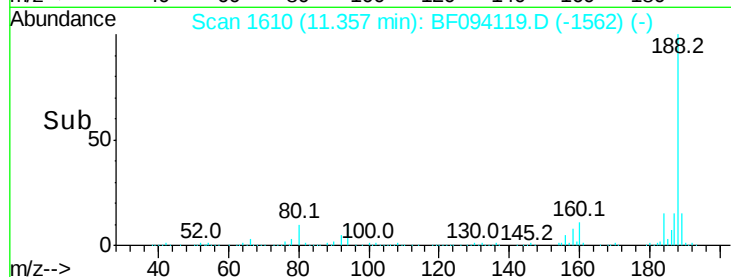
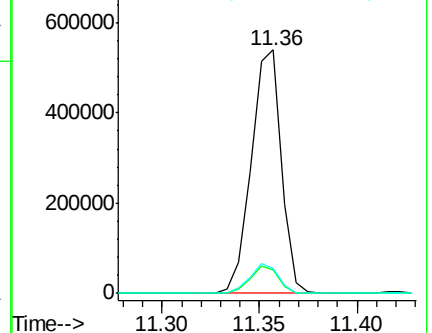
80 10.3 10.2 15.2



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# 2162

Delta R.T. -0.02 min

Lab File: BF094119.D

Acq: 3 Apr 2017 14:32

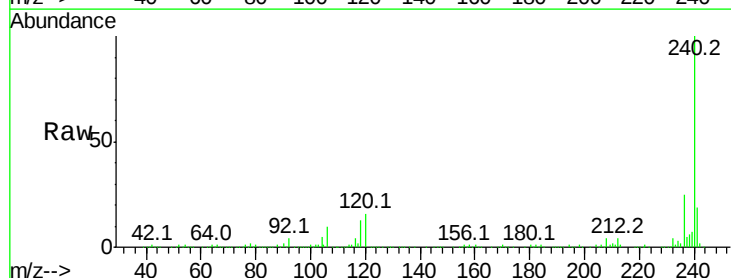
Tgt Ion:240 Resp: 500417

Ion Ratio Lower Upper

240 100

120 15.7 5.8 8.8#

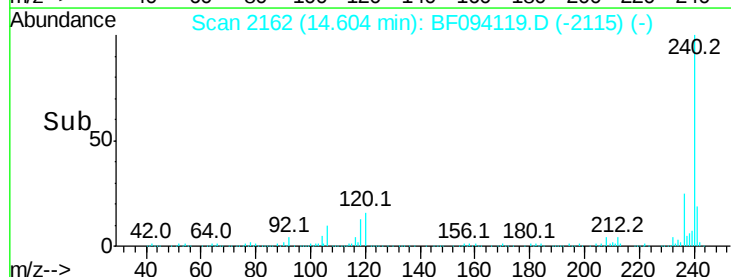
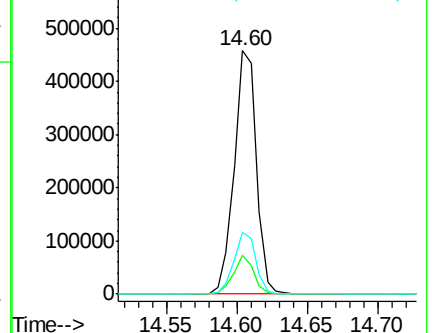
236 25.2 20.5 30.7

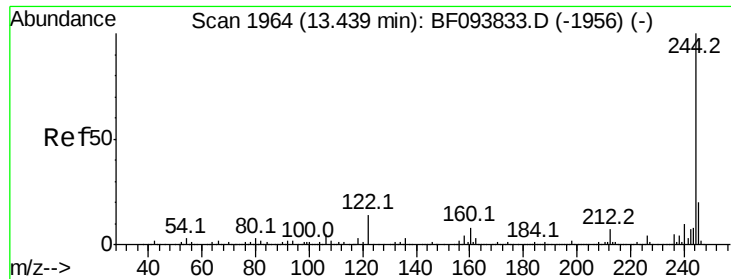


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

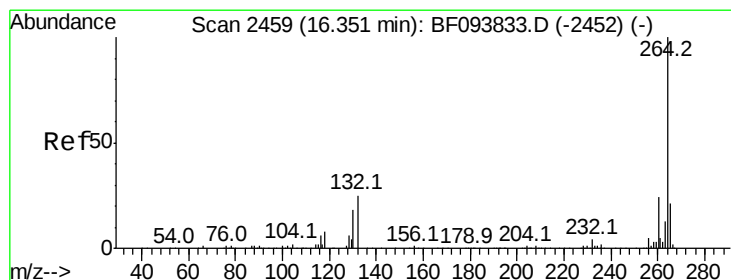
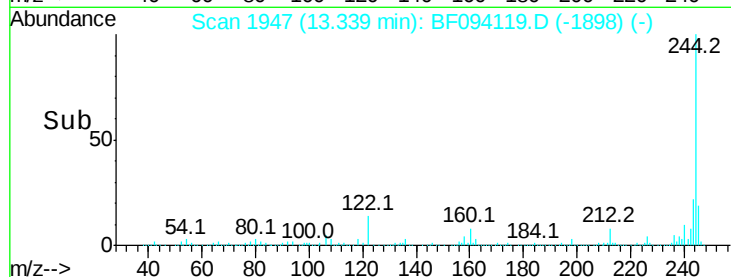
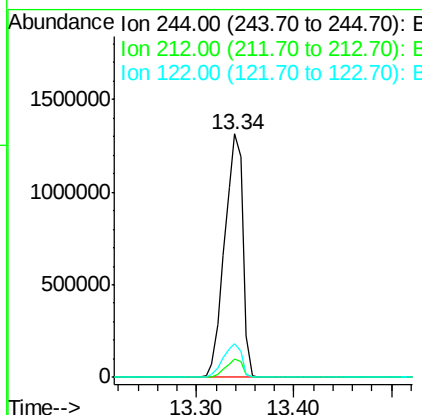
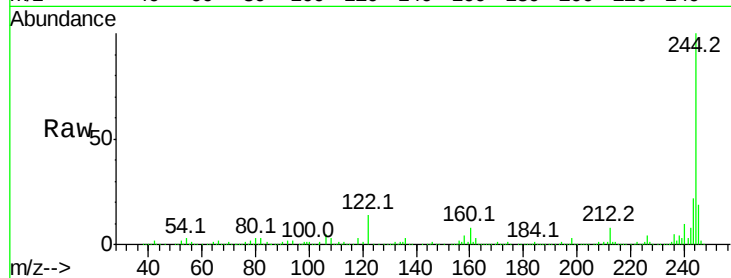




#78
 Terphenyl-d14
 Concen: 76.04 ng
 RT: 13.34 min Scan# 1947
 Delta R.T. -0.01 min
 Lab File: BF094119.D
 Acq: 3 Apr 2017 14:32

Instrument :
 BNA_F
 ClientSampleId :
 PB97987BL

Tot Ion:244 Resp: 1697570
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 13.7 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.24 min Scan# 2440
 Delta R.T. -0.01 min
 Lab File: BF094119.D
 Acq: 3 Apr 2017 14:32

Tgt Ion:264 Resp: 352001
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 21.6 17.2 25.8

