

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040417\
 Data File : BF094184.D
 Acq On : 4 Apr 2017 23:08
 Operator : SJ/MA
 Sample : I2516-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-15R

Quant Time: Apr 05 02:18:06 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

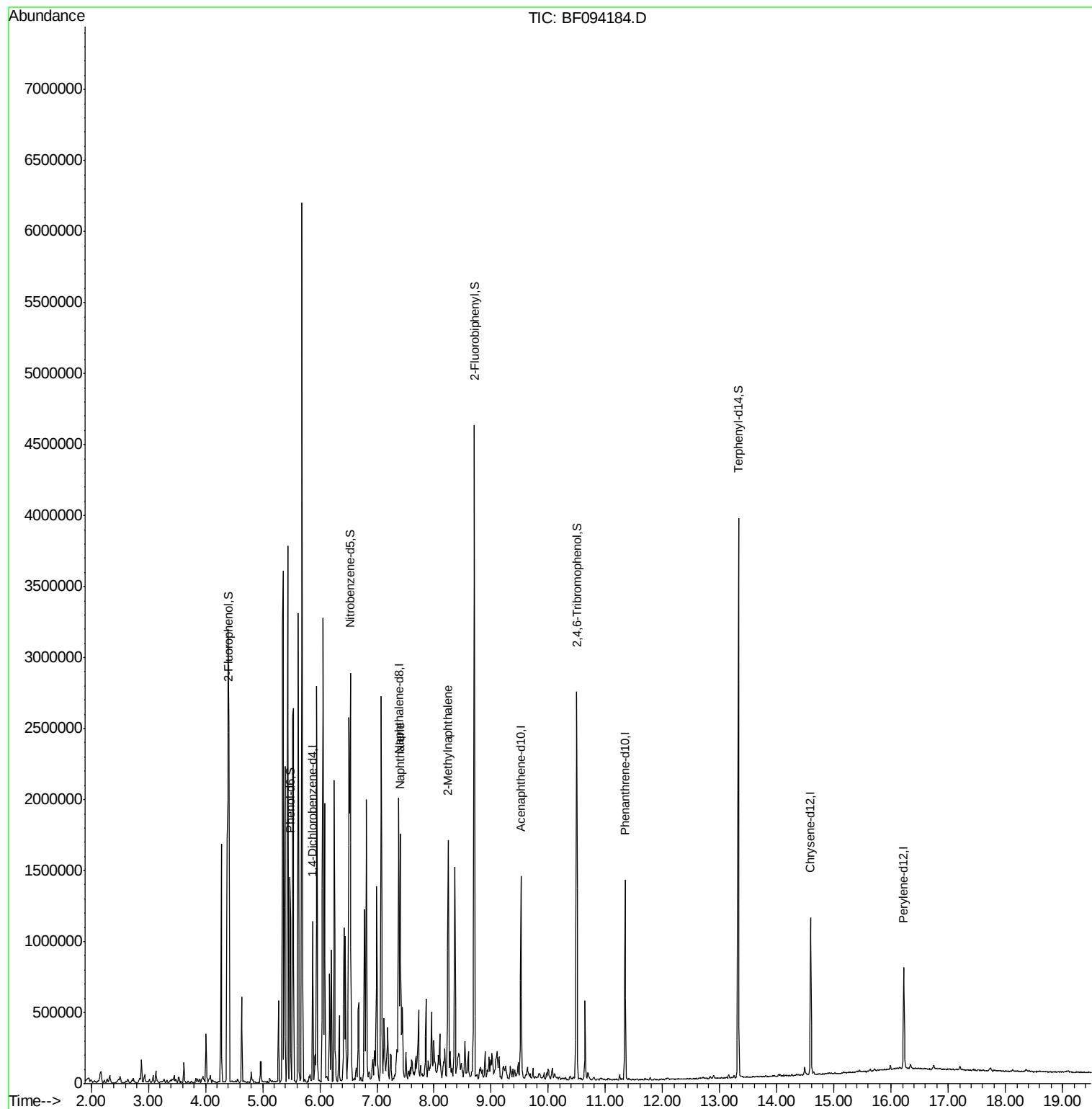
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.87	152	177676	20.00	ng	-0.03
21) Naphthalene-d8	7.38	136	703265	20.00	ng	-0.03
38) Acenaphthene-d10	9.52	164	330478	20.00	ng	-0.04
63) Phenanthrene-d10	11.34	188	583109	20.00	ng	-0.03
75) Chrysene-d12	14.59	240	433078	20.00	ng	-0.04
86) Perylene-d12	16.22	264	286879	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.41	112	629148	59.81	ng	-0.02
7) Phenol-d6	5.48	99	525556	40.38	ng	-0.03
23) Nitrobenzene-d5	6.53	82	1054371	85.56	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	393858	150.82	ng	-0.02
44) 2-Fluorobiphenyl	8.70	172	1875531	86.56	ng	-0.03
78) Terphenyl-d14	13.33	244	1552908	80.37	ng	-0.02
Target Compounds						
31) Naphthalene	7.40	128	818025	24.19	ng	Qvalue 100
37) 2-Methylnaphthalene	8.25	142	542202	24.05	ng	99

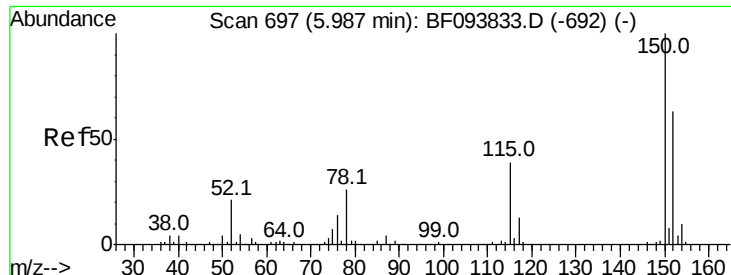
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF094184.D

Acq: 4 Apr 2017 23:08

Instrument :

BNA_F

ClientSampleId :

MW-15R

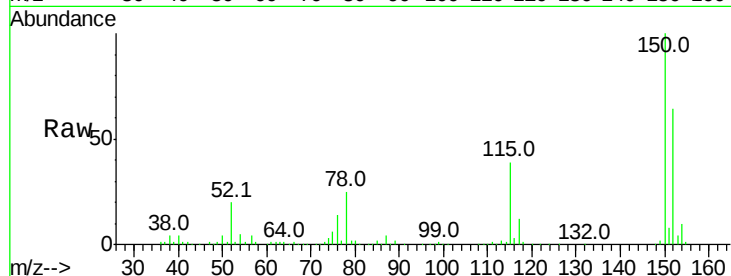
Tot Ion:152 Resp: 177676

Ion Ratio Lower Upper

152 100

150 155.7 126.2 189.2

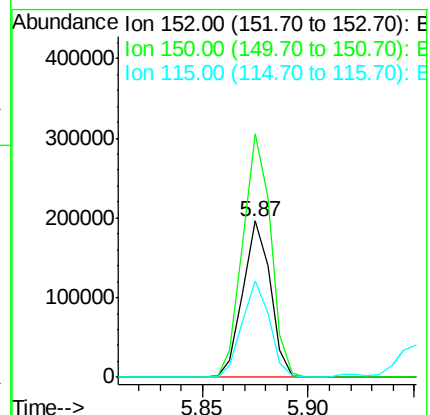
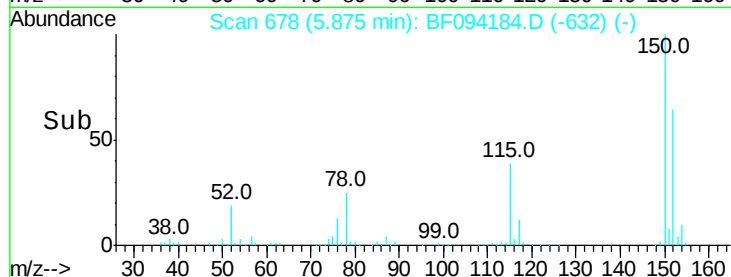
115 61.4 52.2 78.2



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: 59.81 ng

RT: 4.41 min Scan# 429

Delta R.T. -0.02 min

Lab File: BF094184.D

Acq: 4 Apr 2017 23:08

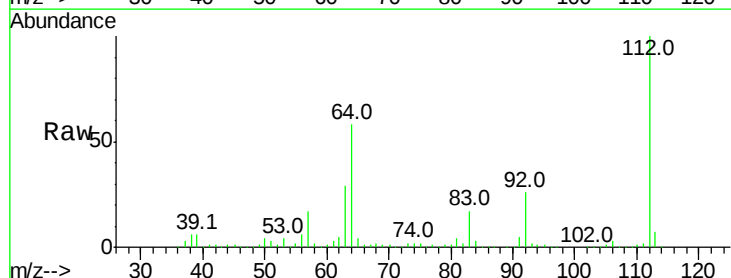
Tgt Ion:112 Resp: 629148

Ion Ratio Lower Upper

112 100

64 58.1 46.0 69.0

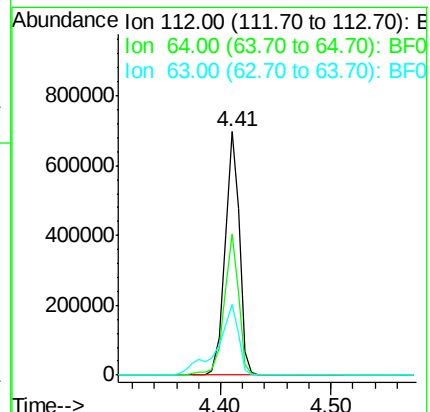
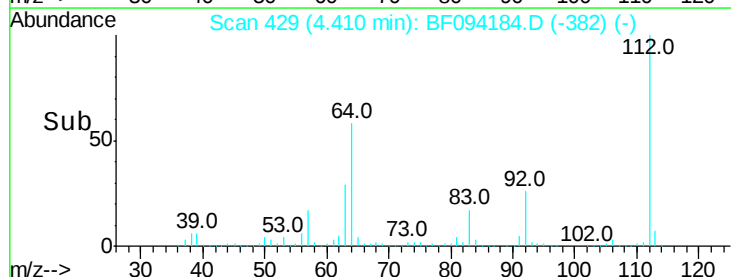
63 29.3 23.4 35.0

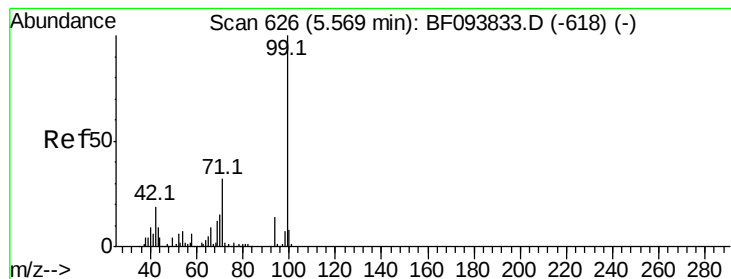


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 40.38 ng

RT: 5.48 min Scan# 611

Delta R.T. -0.03 min

Lab File: BF094184.D

Acq: 4 Apr 2017 23:08

Instrument :

BNA_F

ClientSampleId :

MW-15R

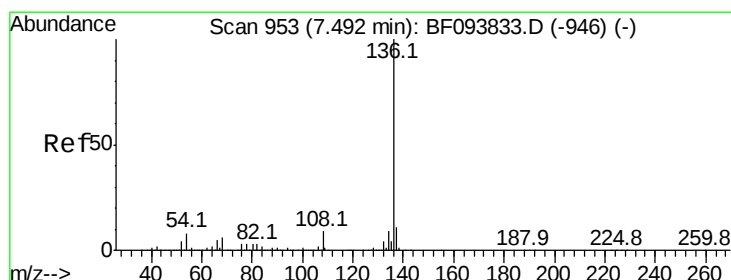
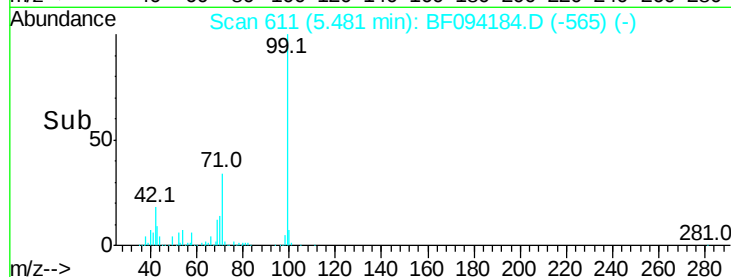
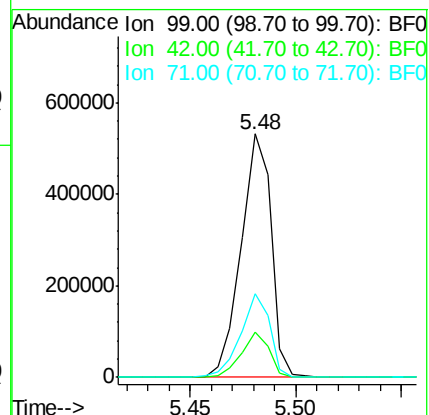
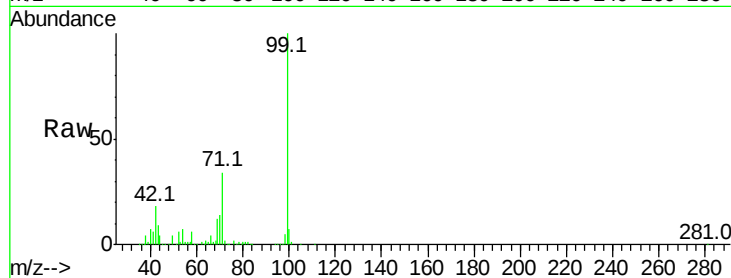
Tot Ion: 99 Resp: 525556

Ion Ratio Lower Upper

99 100

42 18.5 13.5 20.3

71 34.2 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: BF094184.D

Acq: 4 Apr 2017 23:08

Tgt Ion: 136 Resp: 703265

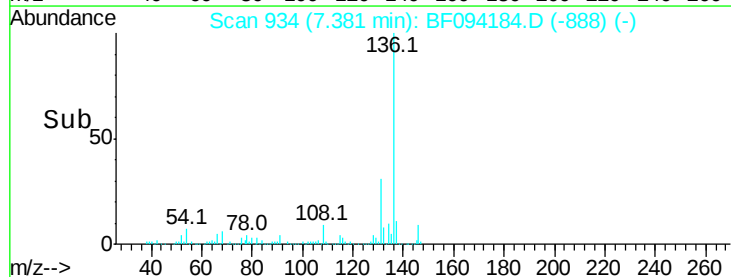
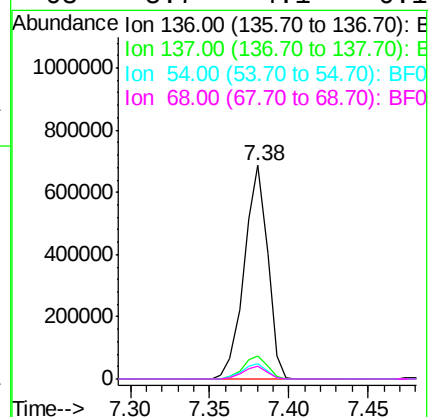
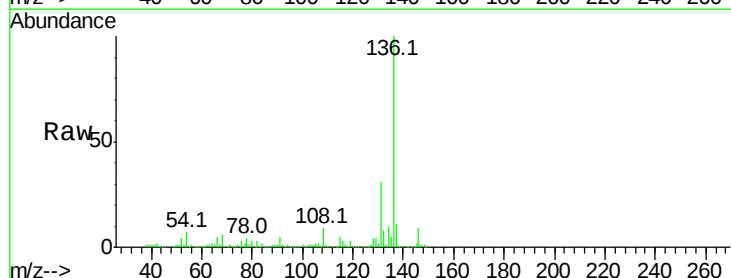
Ion Ratio Lower Upper

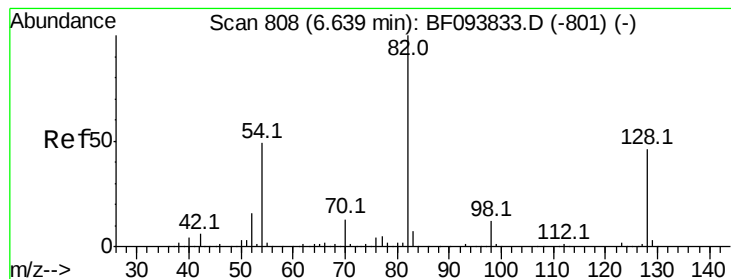
136 100

137 10.5 8.5 12.7

54 7.4 4.9 7.3#

68 5.7 4.1 6.1





#23

Nitrobenzene-d5

Concen: 85.56 ng

RT: 6.53 min Scan# 790

Delta R.T. -0.02 min

Lab File: BF094184.D

Acq: 4 Apr 2017 23:08

Instrument :

BNA_F

ClientSampleId :

MW-15R

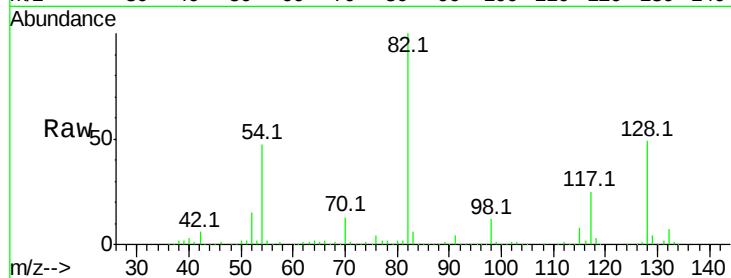
Tot Ion: 82 Resp: 1054371

Ion Ratio Lower Upper

82 100

128 49.0 34.0 51.0

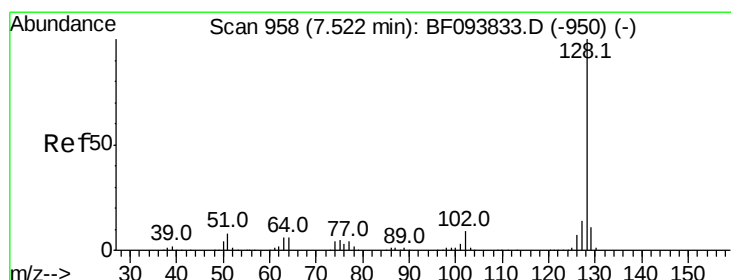
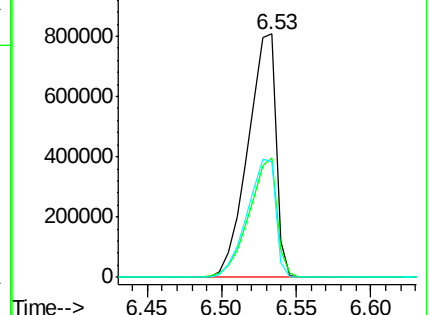
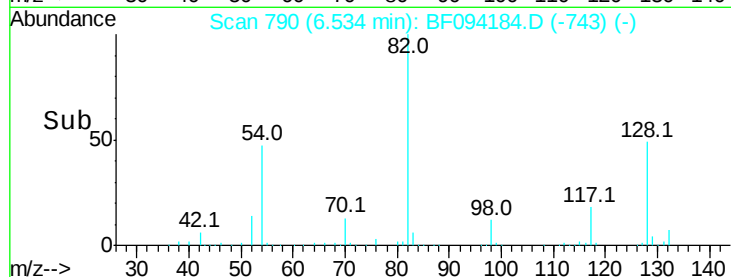
54 47.3 42.2 63.2



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



#31

Naphthalene

Concen: 24.19 ng

RT: 7.40 min Scan# 938

Delta R.T. -0.03 min

Lab File: BF094184.D

Acq: 4 Apr 2017 23:08

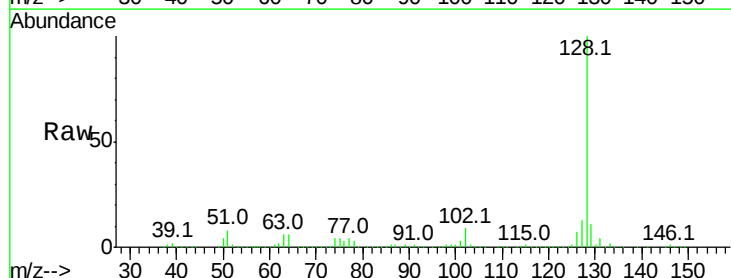
Tgt Ion:128 Resp: 818025

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

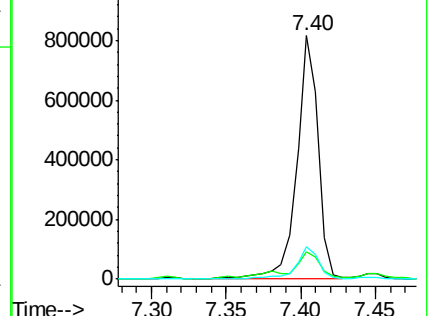
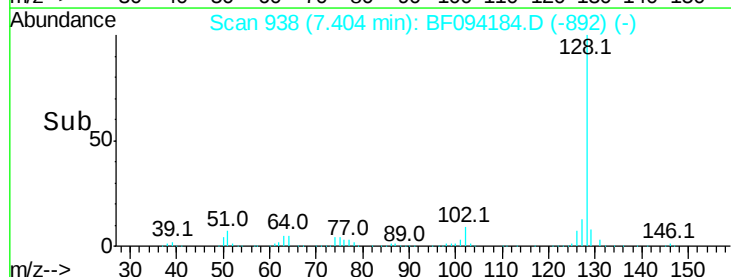
127 13.4 10.8 16.2

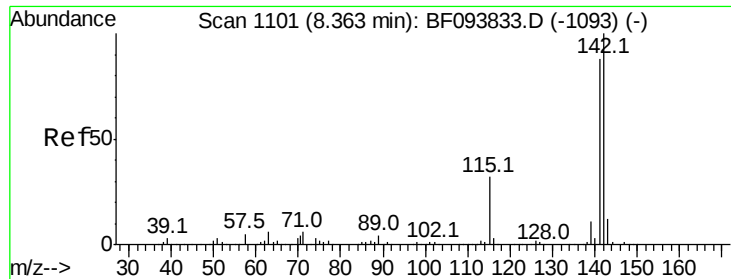


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

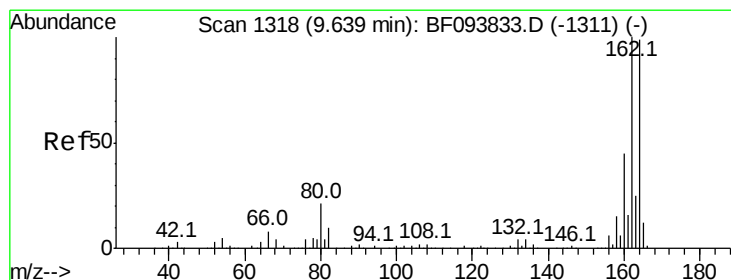
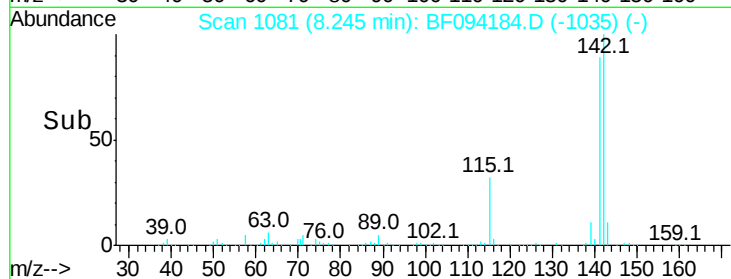
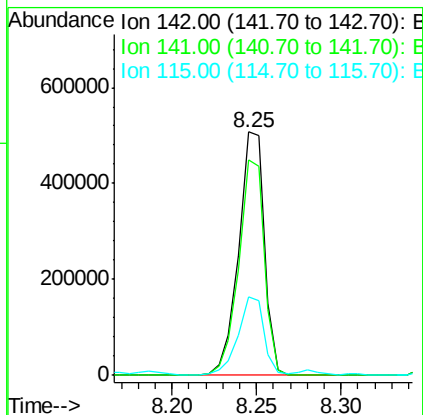
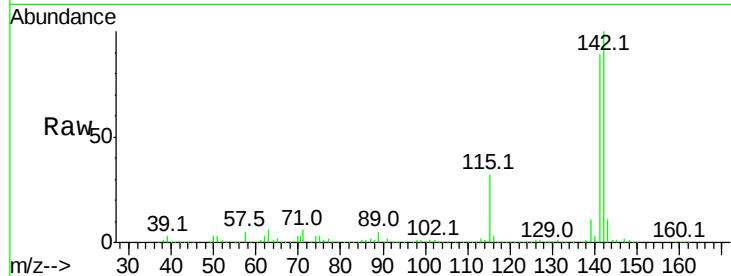




#37
 2-Methylnaphthalene
 Concen: 24.05 ng
 RT: 8.25 min Scan# 1081
 Delta R.T. -0.03 min
 Lab File: BF094184.D
 Acq: 4 Apr 2017 23:08

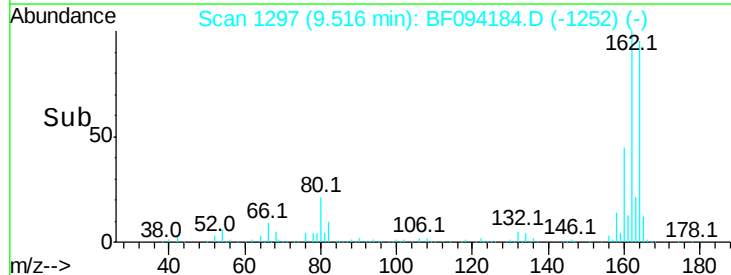
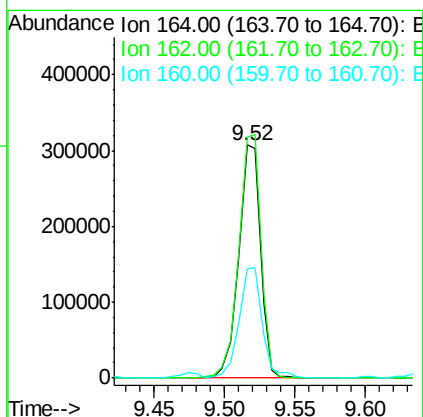
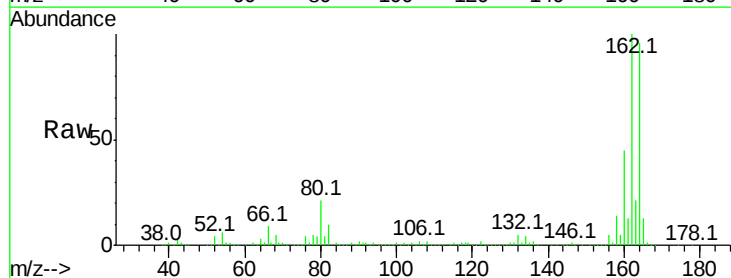
Instrument :
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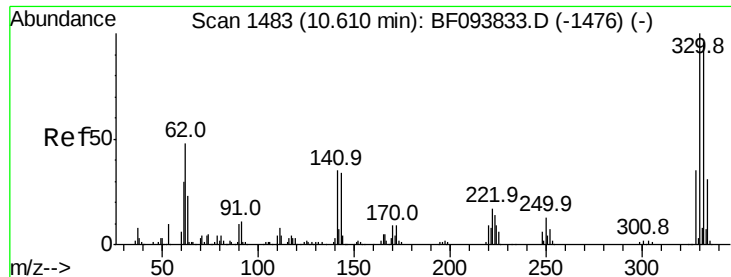
Tot Ion:142 Resp: 542202
 Ion Ratio Lower Upper
 142 100
 141 88.7 71.3 106.9
 115 32.4 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. -0.04 min
 Lab File: BF094184.D
 Acq: 4 Apr 2017 23:08

Tgt Ion:164 Resp: 330478
 Ion Ratio Lower Upper
 164 100
 162 103.7 82.6 123.8
 160 47.1 36.2 54.2

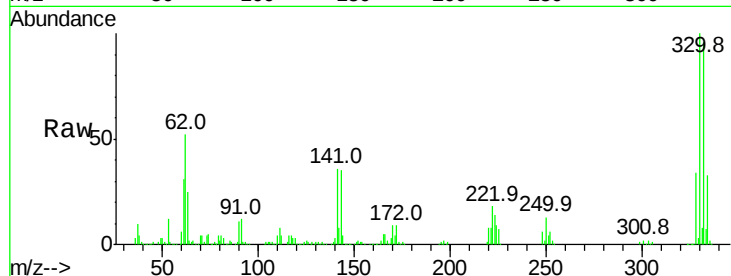




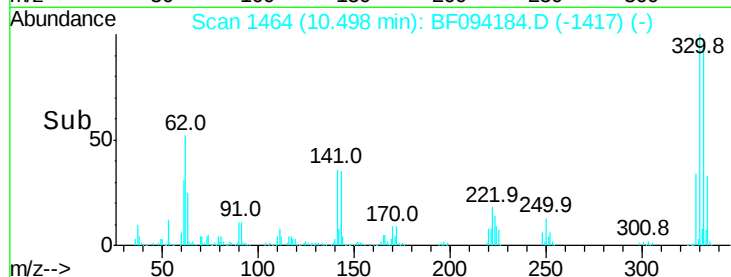
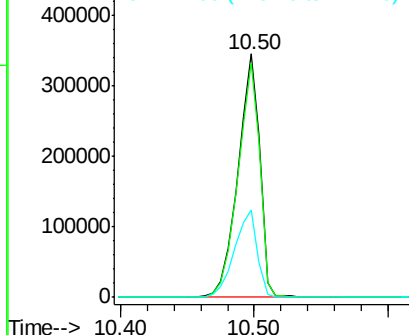
#41
 2,4,6-Tribromophenol
 Concen: 150.82 ng
 RT: 10.50 min Scan# 1464
 Delta R.T. -0.02 min
 Lab File: BF094184.D
 Acq: 4 Apr 2017 23:08

Instrument :
 BNA_F
 ClientSampleId :
 MW-15R

Tot Ion:330 Resp: 393858
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 115.0
 141 37.8 31.4 47.2

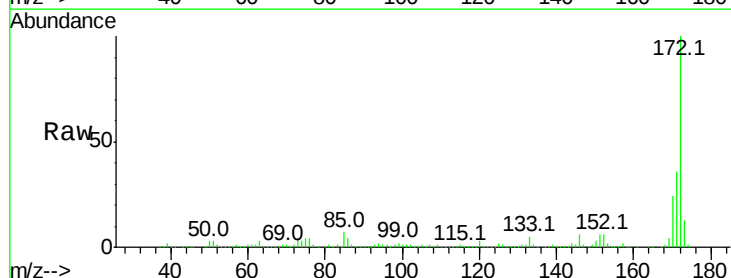


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

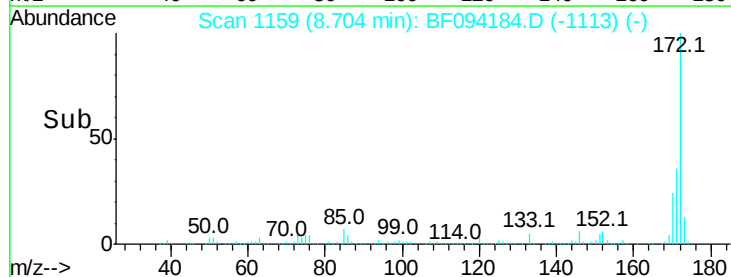
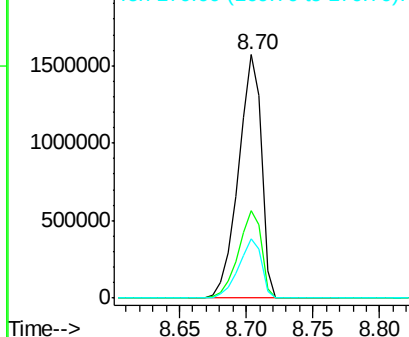


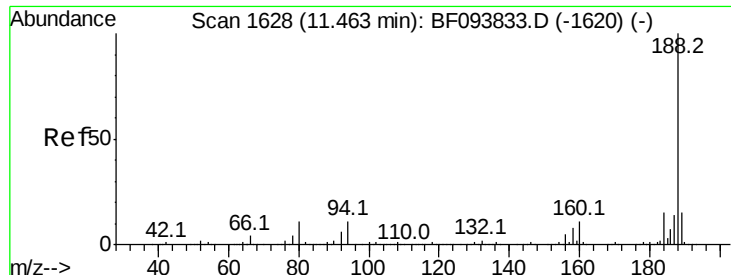
#44
 2-Fluorobiphenyl
 Concen: 86.56 ng
 RT: 8.70 min Scan# 1159
 Delta R.T. -0.03 min
 Lab File: BF094184.D
 Acq: 4 Apr 2017 23:08

Tgt Ion:172 Resp: 1875531
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 24.3 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

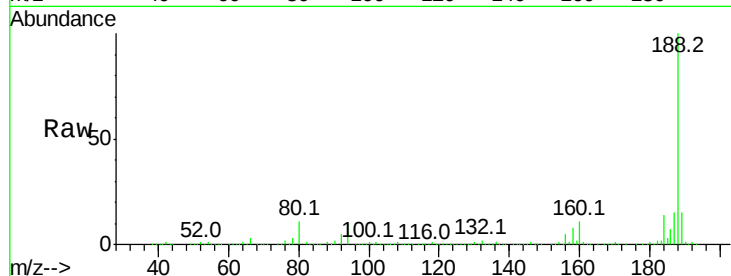




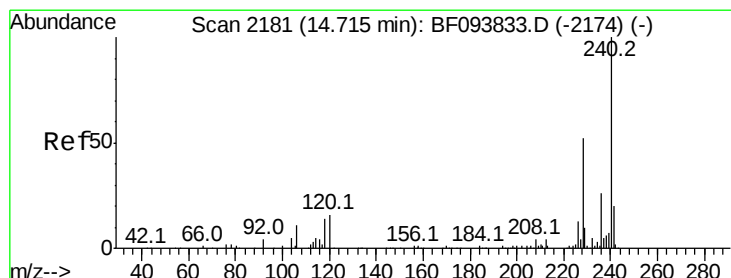
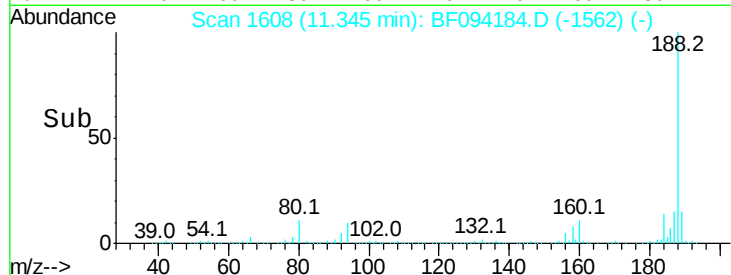
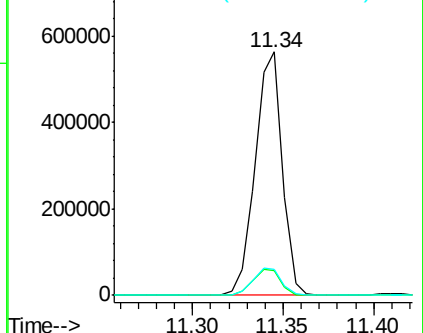
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 1608
Delta R.T. -0.03 min
Lab File: BF094184.D
Acq: 4 Apr 2017 23:08

Instrument :
BNA_F
ClientSampleId :
MW-15R

Tot Ion:188 Resp: 583109
Ion Ratio Lower Upper
188 100
94 10.1 9.4 14.2
80 10.5 10.2 15.2

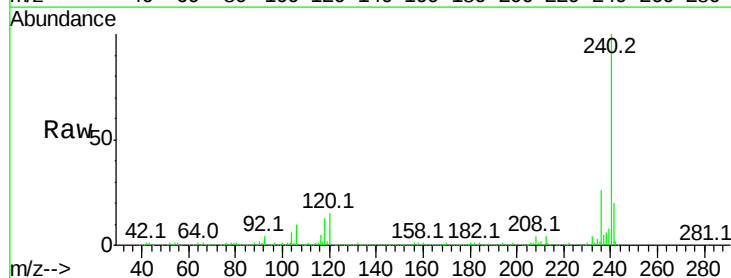


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

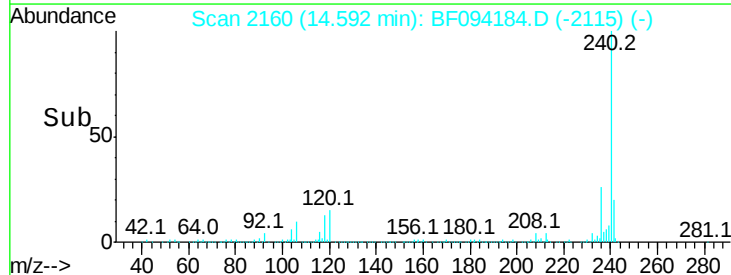
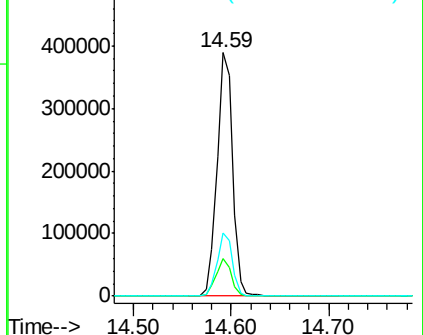


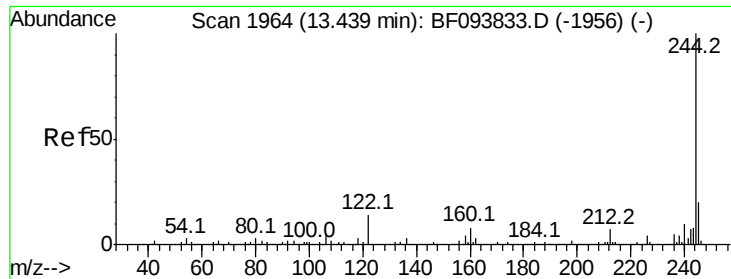
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.59 min Scan# 2160
Delta R.T. -0.04 min
Lab File: BF094184.D
Acq: 4 Apr 2017 23:08

Tgt Ion:240 Resp: 433078
Ion Ratio Lower Upper
240 100
120 15.2 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

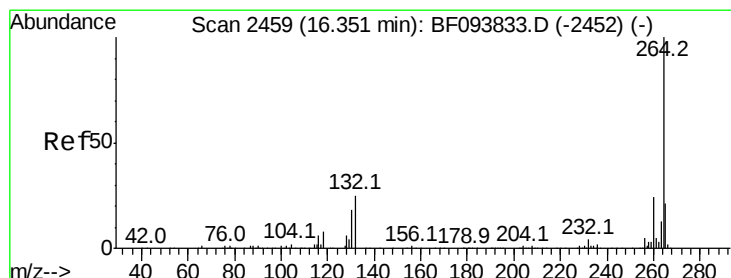
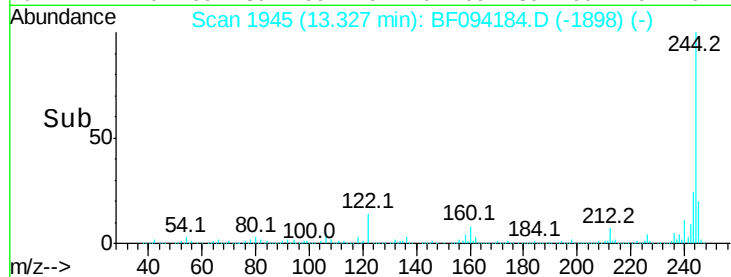
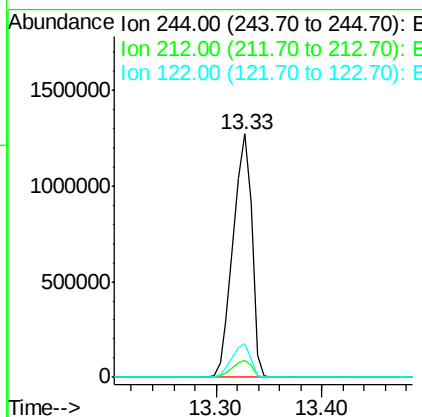
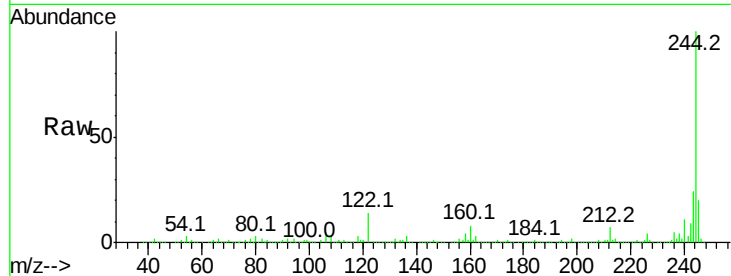




#78
 Terphenyl-d14
 Concen: 80.37 ng
 RT: 13.33 min Scan# 1945
 Delta R.T. -0.02 min
 Lab File: BF094184.D
 Acq: 4 Apr 2017 23:08

Instrument :
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 ClientSampleId :
 MW-15R

Tot Ion:244 Resp: 1552908
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 13.8 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.22 min Scan# 2437
 Delta R.T. -0.03 min
 Lab File: BF094184.D
 Acq: 4 Apr 2017 23:08

Tgt Ion:264 Resp: 286879
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.5 29.3
 265 21.6 17.2 25.8

