

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032117\
 Data File : BF093799.D
 Acq On : 21 Mar 2017 15:41
 Operator : SJ/MA
 Sample : I2263-22
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-104S

Quant Time: Mar 22 02:10:04 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 21 14:38:20 2017
 Response via : Initial Calibration

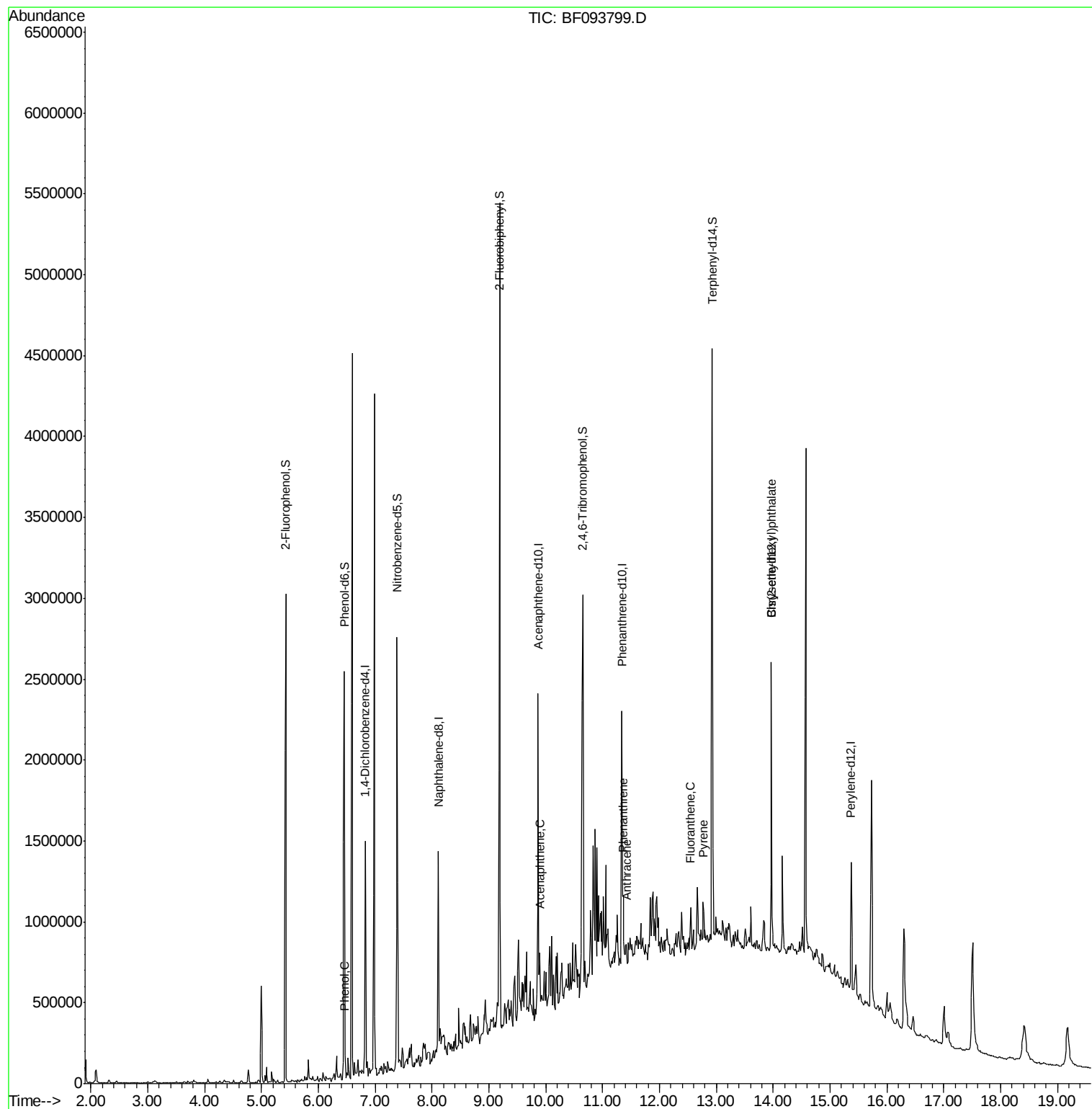
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	203419	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	824251	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	384095	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	597257	20.00	ng	0.00
75) Chrysene-d12	13.97	240	399997	20.00	ng	0.00
86) Perylene-d12	15.37	264	361258	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1074923	92.41	ng	0.01
7) Phenol-d6	6.46	99	1048337	72.93	ng	0.00
23) Nitrobenzene-d5	7.38	82	1100277	75.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	380352	127.85	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1796738	78.66	ng	0.00
78) Terphenyl-d14	12.93	244	1237981	63.10	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.47	94	50391	3.12	ng	80
51) Acenaphthene	9.90	154	105120	4.52	ng	99
70) Phenanthrene	11.36	178	167054	5.25	ng	99
71) Anthracene	11.42	178	87137m	2.66	ng	
74) Fluoranthene	12.55	202	124062	3.79	ng	97
77) Pyrene	12.77	202	162973	4.90	ng	96
83) Bis(2-ethylhexyl)phthalate	13.97	149	184264	10.28	ng	99

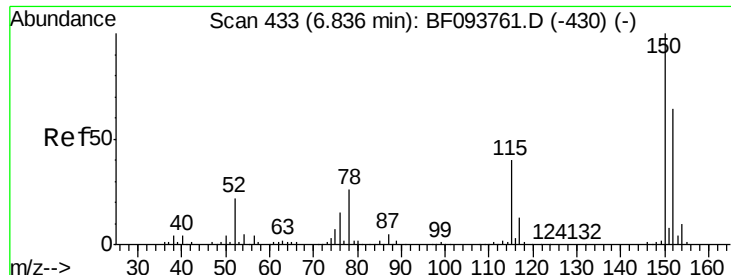
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF093799.D

Acq: 21 Mar 2017 15:41

Instrument :

BNA_F

ClientSampleId :

MW-104S

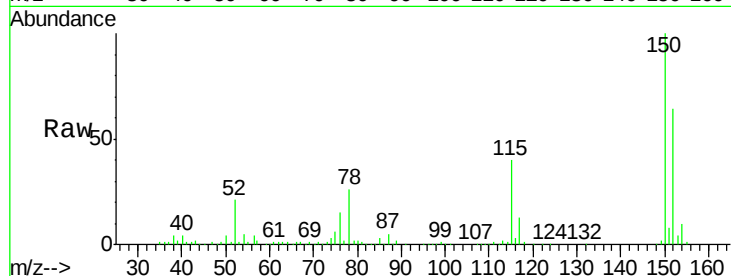
Tgt Ion:152 Resp: 203419

Ion Ratio Lower Upper

152 100

150 155.3 126.2 189.2

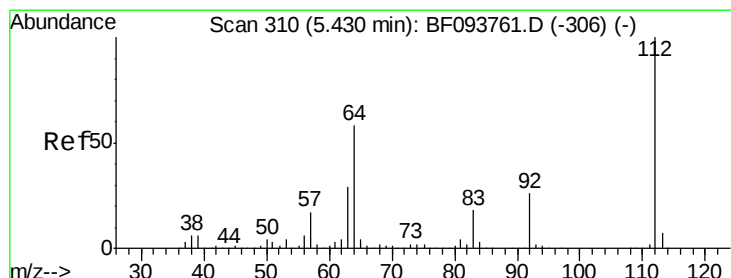
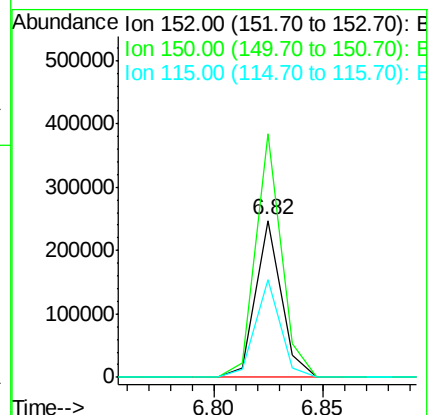
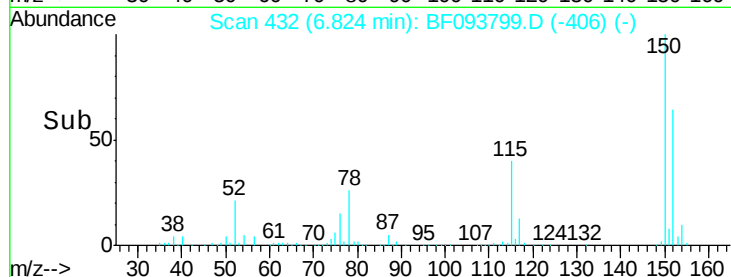
115 62.1 52.2 78.2



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: 92.41 ng

RT: 5.43 min Scan# 310

Delta R.T. 0.01 min

Lab File: BF093799.D

Acq: 21 Mar 2017 15:41

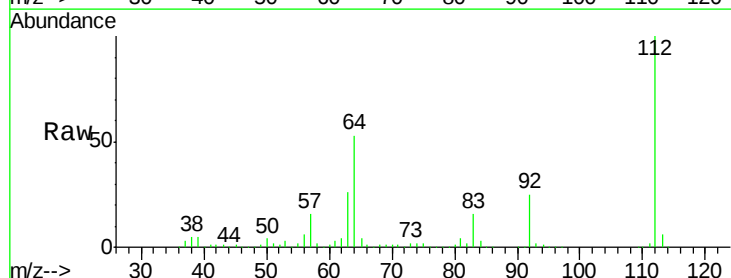
Tgt Ion:112 Resp: 1074923

Ion Ratio Lower Upper

112 100

64 53.0 46.0 69.0

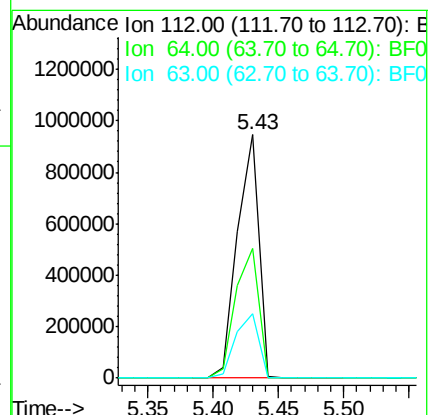
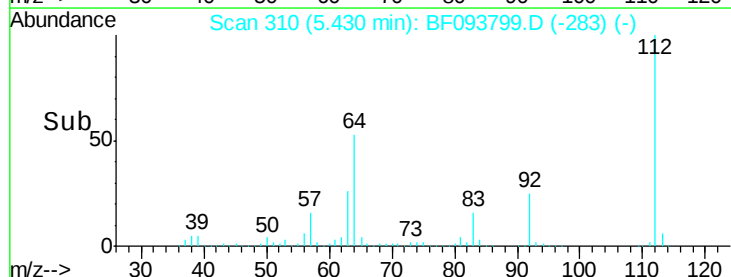
63 26.4 23.4 35.0

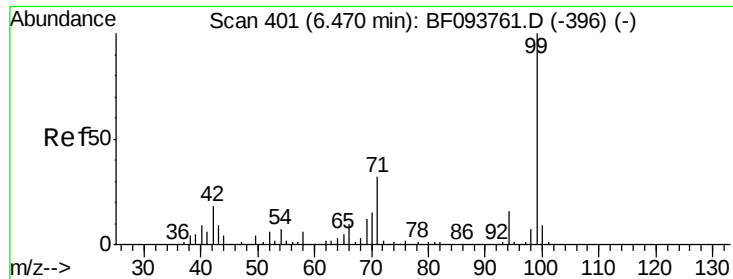


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 72.93 ng

RT: 6.46 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF093799.D

Acq: 21 Mar 2017 15:41

Instrument :

BNA_F

ClientSampleId :

MW-104S

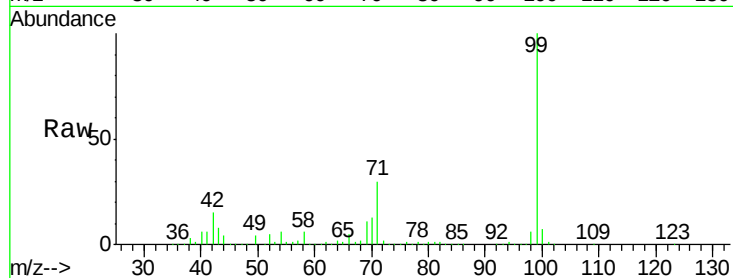
Tgt Ion: 99 Resp: 1048337

Ion Ratio Lower Upper

99 100

42 15.3 13.5 20.3

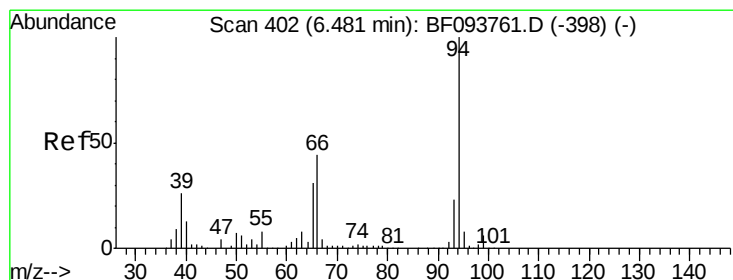
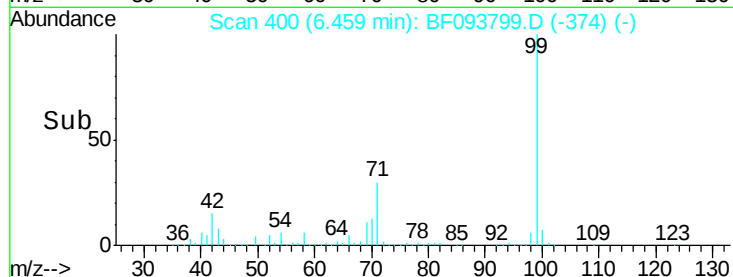
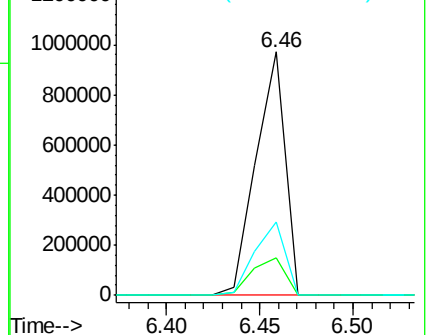
71 30.2 24.5 36.7



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



#10

Phenol

Concen: 3.12 ng

RT: 6.47 min Scan# 401

Delta R.T. -0.00 min

Lab File: BF093799.D

Acq: 21 Mar 2017 15:41

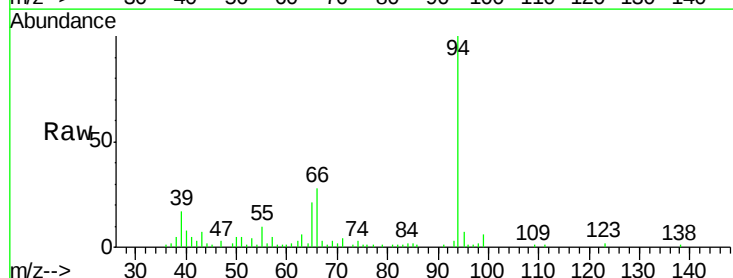
Tgt Ion: 94 Resp: 50391

Ion Ratio Lower Upper

94 100

65 21.5 9.9 49.9

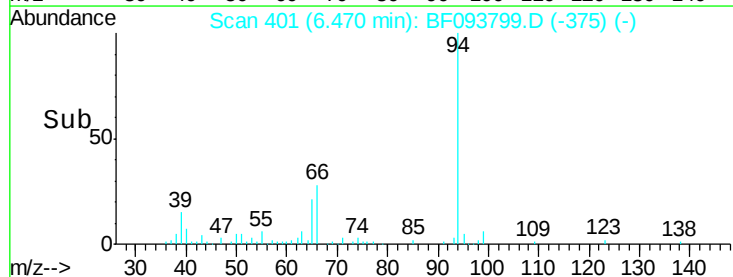
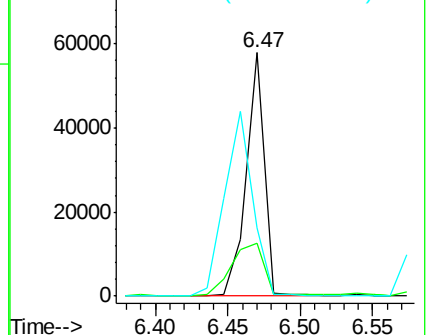
66 28.0 23.1 63.1

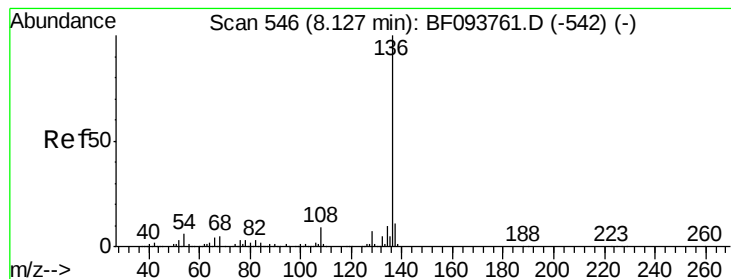


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 545

Delta R.T. -0.00 min

Lab File: BF093799.D

Acq: 21 Mar 2017 15:41

Instrument :

BNA_F

ClientSampleId :

MW-104S

Tgt Ion:136 Resp: 824251

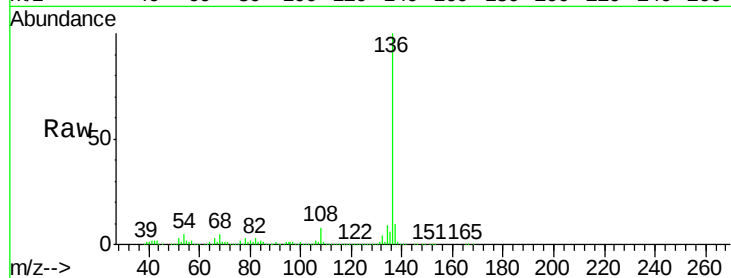
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 5.4 4.9 7.3

68 4.8 4.1 6.1

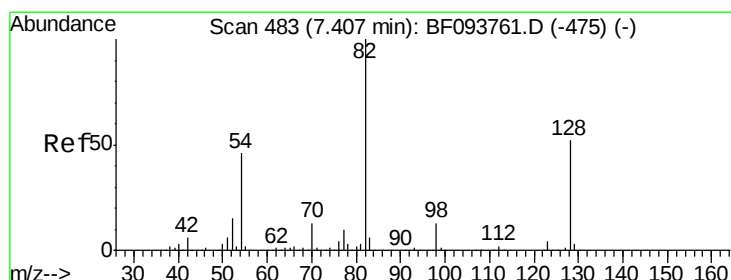
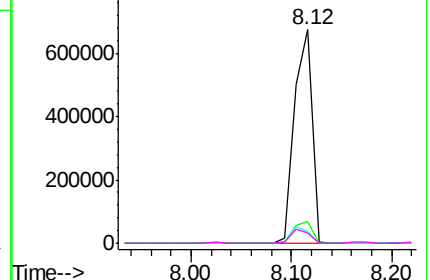
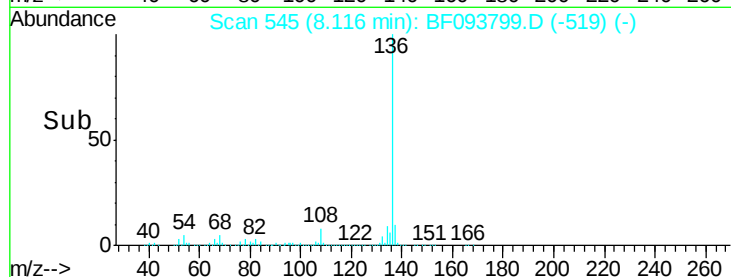


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.72 ng

RT: 7.38 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF093799.D

Acq: 21 Mar 2017 15:41

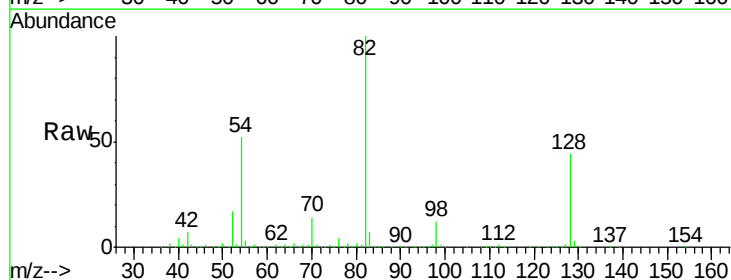
Tgt Ion: 82 Resp: 1100277

Ion Ratio Lower Upper

82 100

128 44.3 34.0 51.0

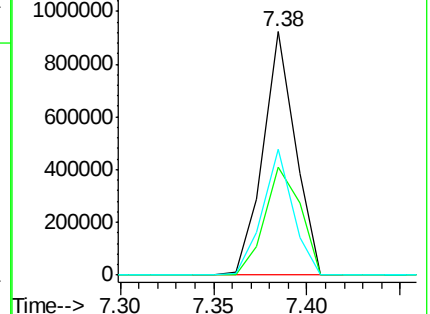
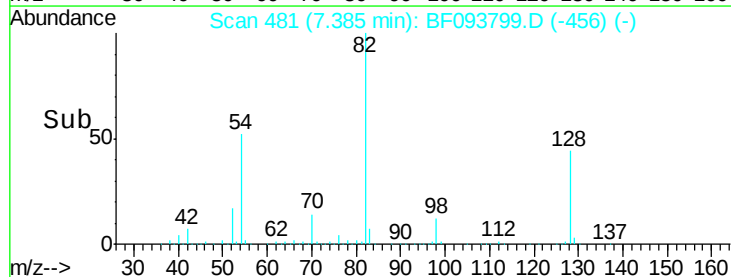
54 51.5 42.2 63.2

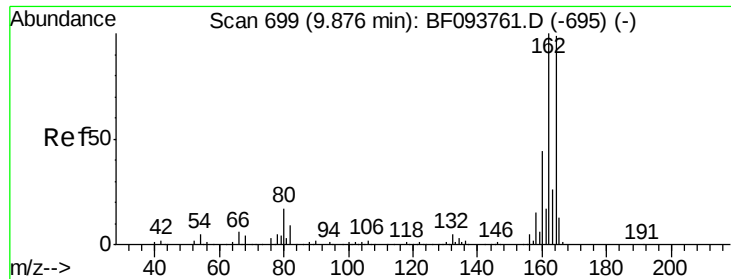


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF093799.D

Acq: 21 Mar 2017 15:41

Instrument :

BNA_F

ClientSampleId :

MW-104S

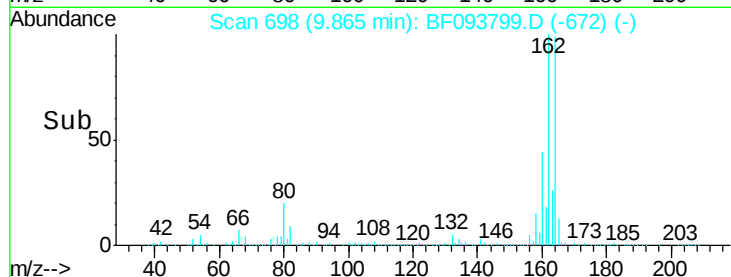
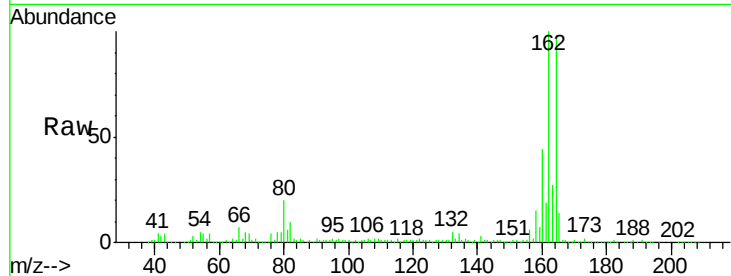
Tgt Ion:164 Resp: 384095

Ion Ratio Lower Upper

164 100

162 101.6 82.6 123.8

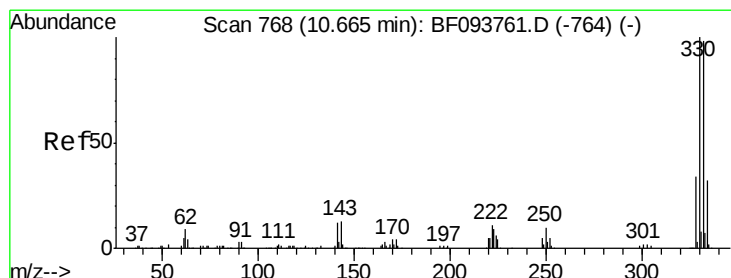
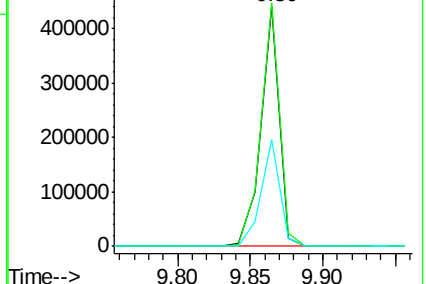
160 44.7 36.2 54.2



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: 127.85 ng

RT: 10.65 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF093799.D

Acq: 21 Mar 2017 15:41

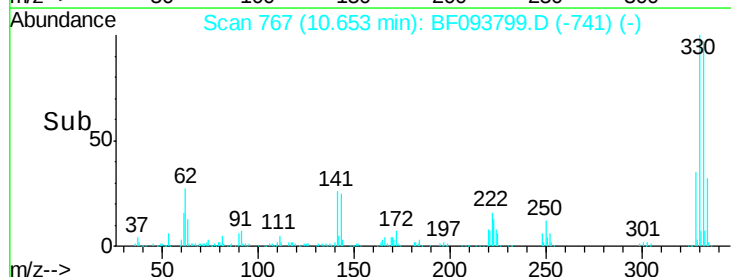
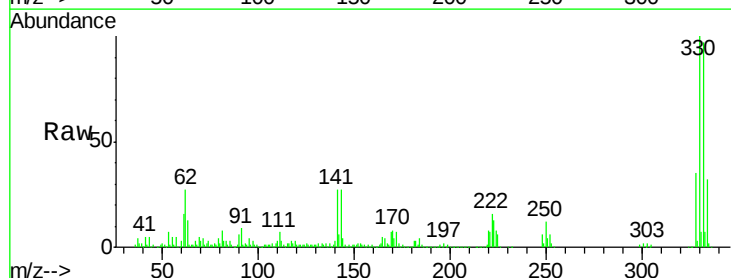
Tgt Ion:330 Resp: 380352

Ion Ratio Lower Upper

330 100

332 96.5 76.6 115.0

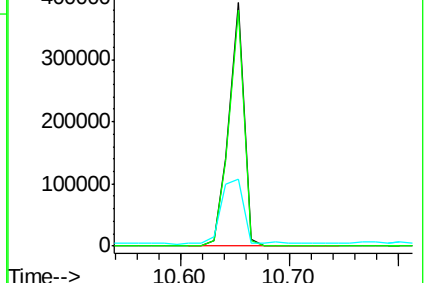
141 39.7 31.4 47.2

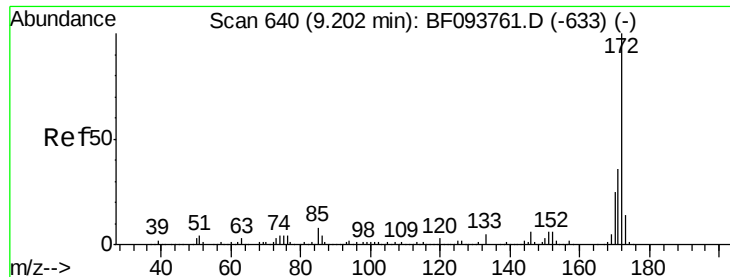


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

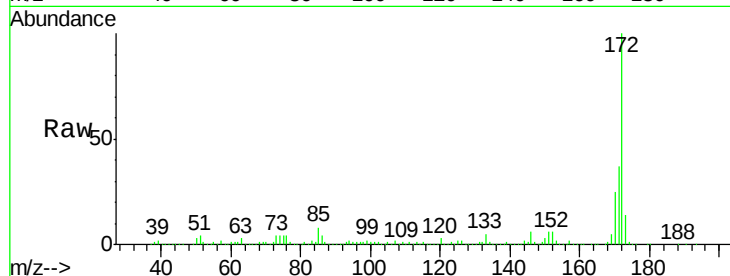




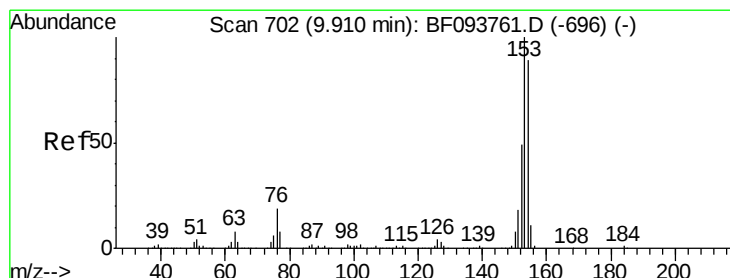
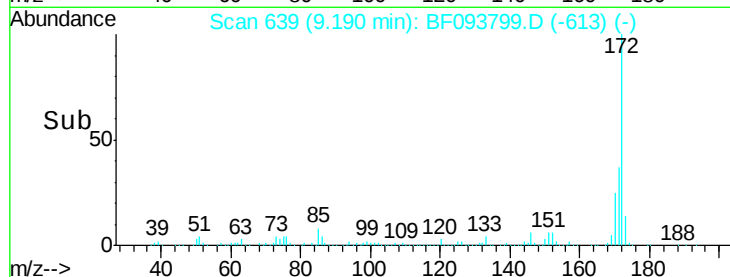
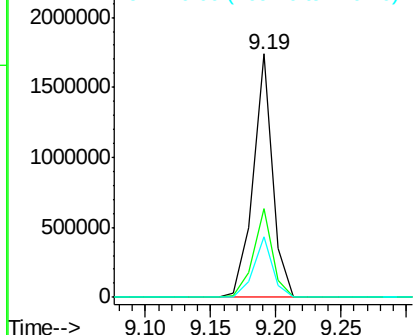
#44
2-Fluorobiphenyl
Concen: 78.66 ng
RT: 9.19 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF093799.D
Acq: 21 Mar 2017 15:41

Instrument :
BNA_F
ClientSampleId :
MW-104S

Tgt Ion:172 Resp: 1796738
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.7 19.8 29.8

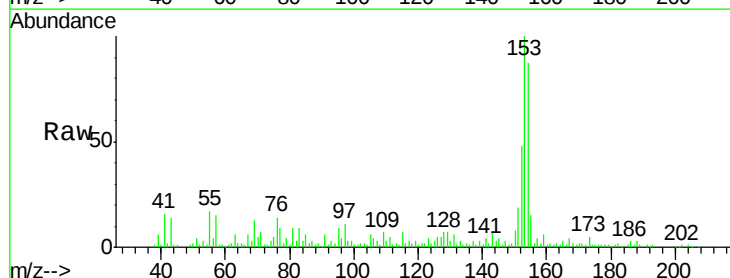


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

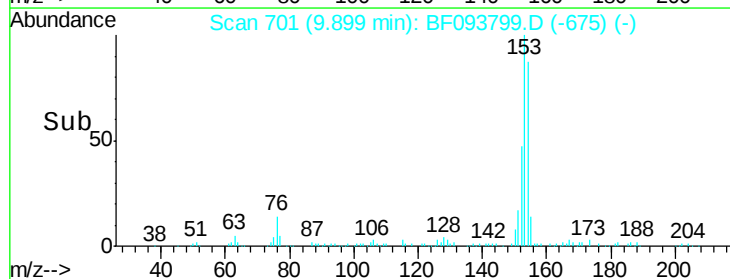
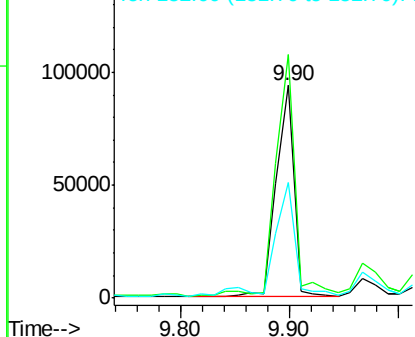


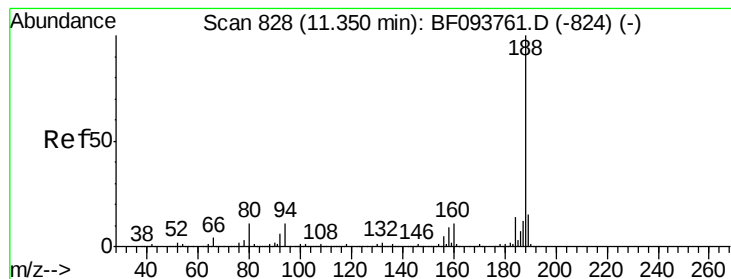
#51
Acenaphthene
Concen: 4.52 ng
RT: 9.90 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF093799.D
Acq: 21 Mar 2017 15:41

Tgt Ion:154 Resp: 105120
Ion Ratio Lower Upper
154 100
153 114.6 90.5 135.7
152 54.5 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 827

Delta R.T. -0.00 min

Lab File: BF093799.D

Acq: 21 Mar 2017 15:41

Instrument :

BNA_F

ClientSampleId :

MW-104S

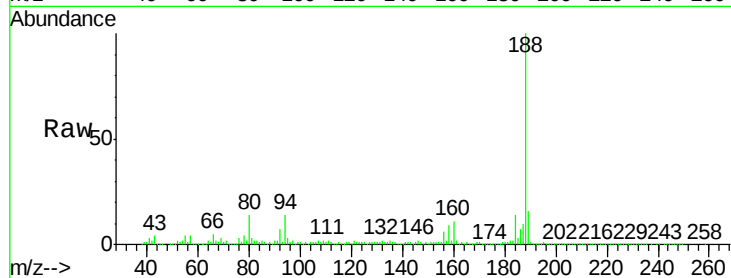
Tgt Ion:188 Resp: 597257

Ion Ratio Lower Upper

188 100

94 13.6 9.4 14.2

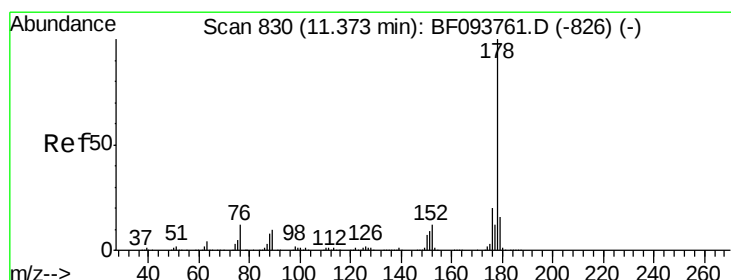
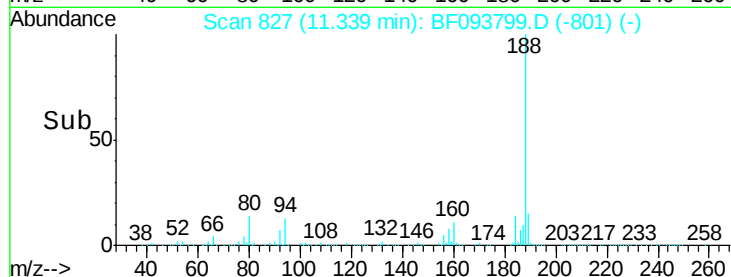
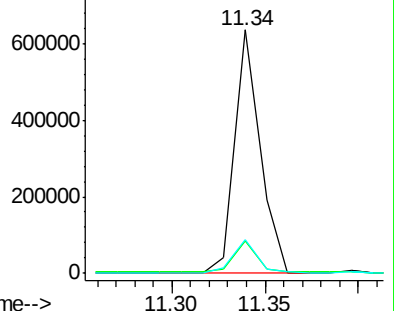
80 13.9 10.2 15.2



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



#70

Phenanthrene

Concen: 5.25 ng

RT: 11.36 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF093799.D

Acq: 21 Mar 2017 15:41

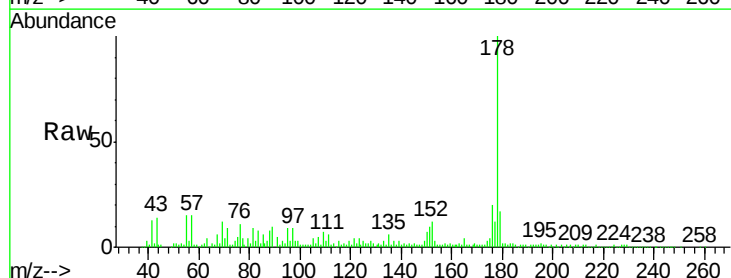
Tgt Ion:178 Resp: 167054

Ion Ratio Lower Upper

178 100

176 19.9 16.2 24.4

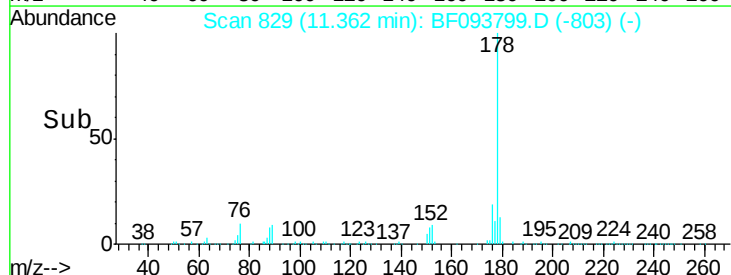
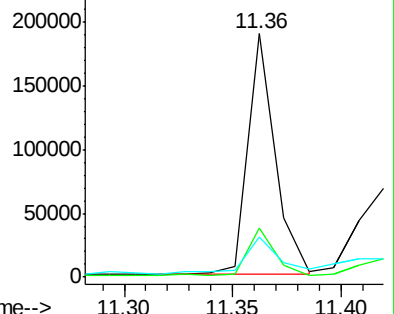
179 16.7 12.6 19.0

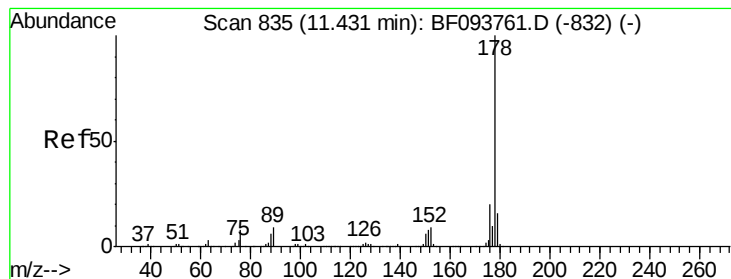


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 2.66 ng m

RT: 11.42 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF093799.D

Acq: 21 Mar 2017 15:41

Instrument :

BNA_F

ClientSampleId :

MW-104S

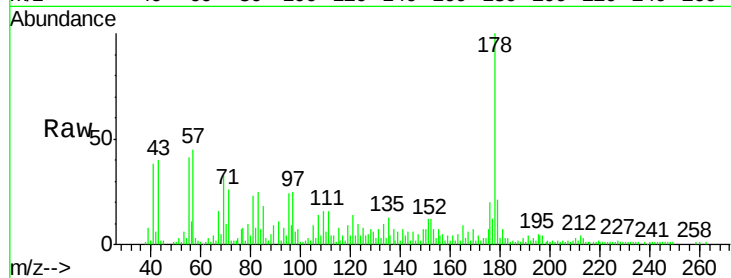
Tgt Ion:178 Resp: 87137

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.8

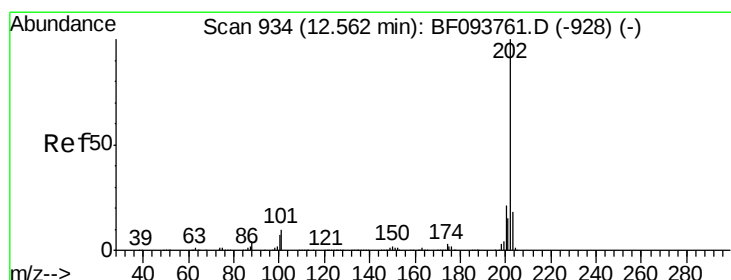
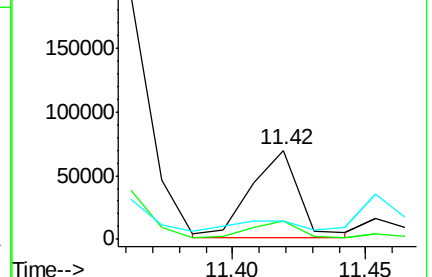
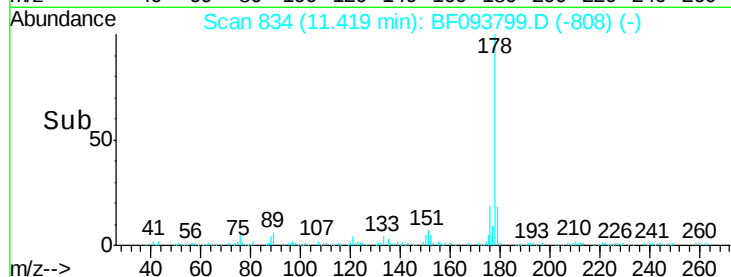
179 20.9 12.7 19.1#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 3.79 ng

RT: 12.55 min Scan# 933

Delta R.T. -0.00 min

Lab File: BF093799.D

Acq: 21 Mar 2017 15:41

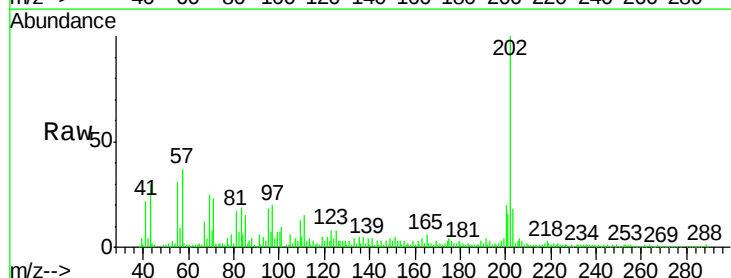
Tgt Ion:202 Resp: 124062

Ion Ratio Lower Upper

202 100

101 10.4 0.0 33.2

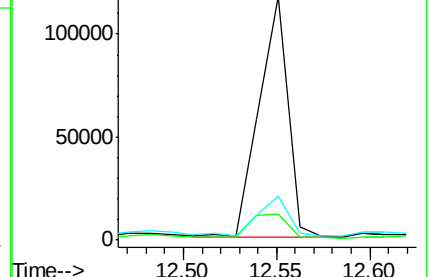
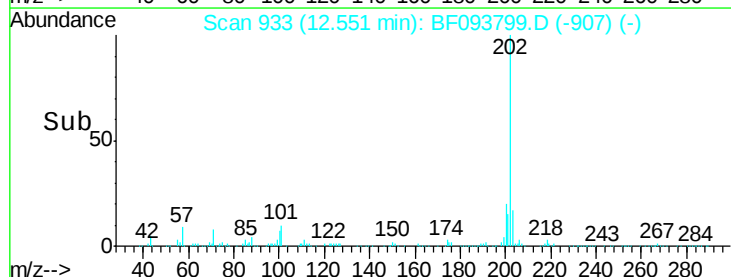
203 18.3 0.0 38.1

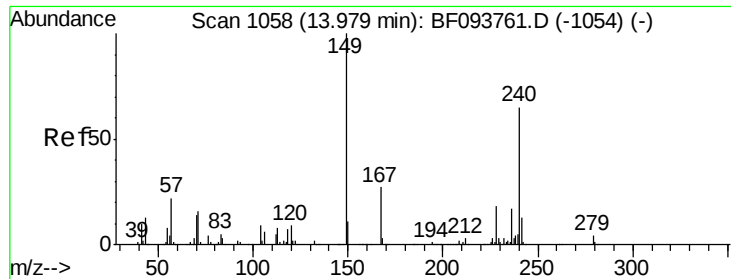


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF093799.D

Acq: 21 Mar 2017 15:41

Instrument :

BNA_F

ClientSampleId :

MW-104S

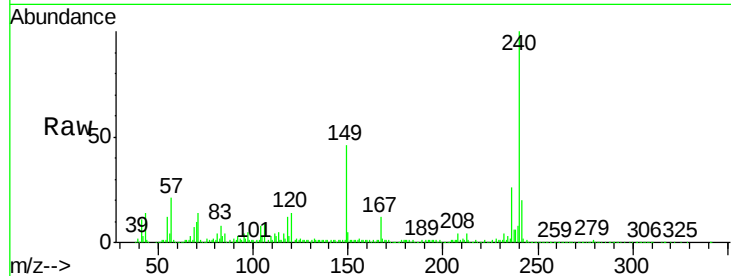
Tgt Ion:240 Resp: 399997

Ion Ratio Lower Upper

240 100

120 13.9 5.8 8.8#

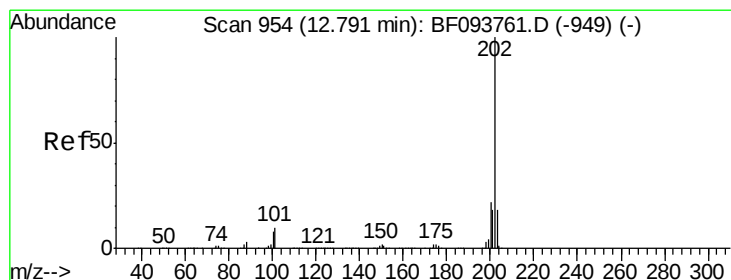
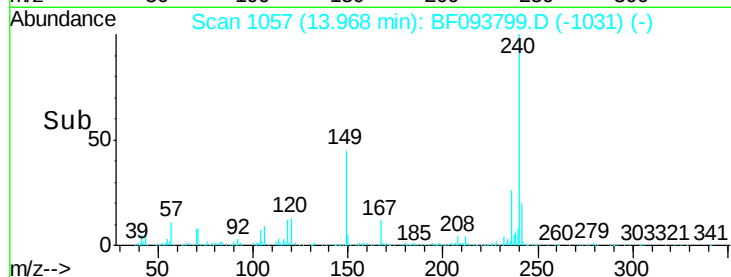
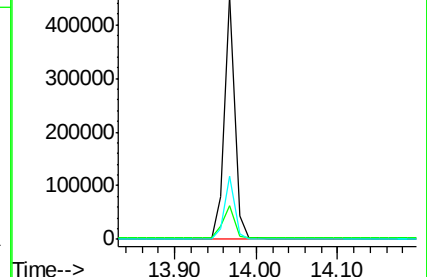
236 26.0 20.5 30.7



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



#77

Pyrene

Concen: 4.90 ng

RT: 12.77 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF093799.D

Acq: 21 Mar 2017 15:41

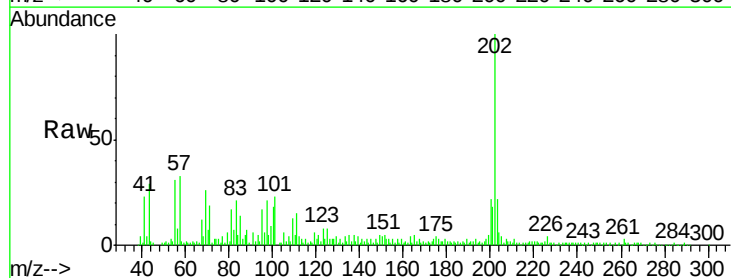
Tgt Ion:202 Resp: 162973

Ion Ratio Lower Upper

202 100

200 21.7 17.6 26.4

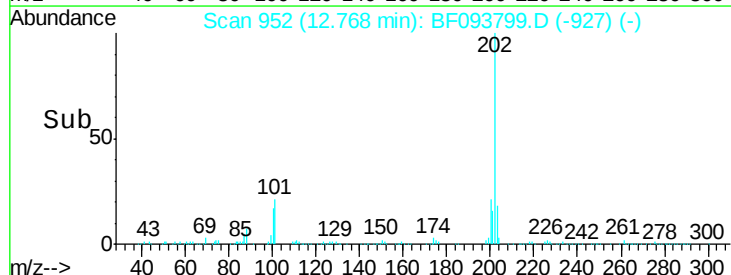
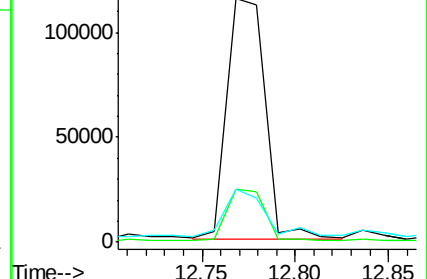
203 21.5 14.4 21.6

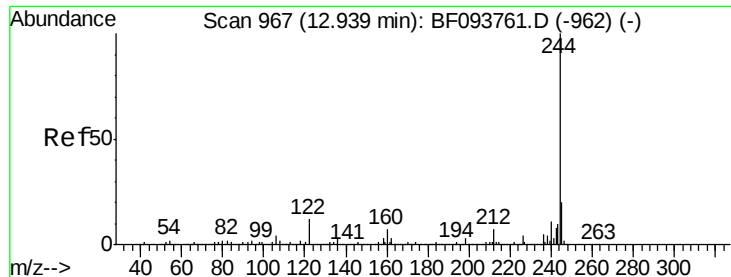


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 63.10 ng

RT: 12.93 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF093799.D

Acq: 21 Mar 2017 15:41

Instrument :

BNA_F

ClientSampleId :

MW-104S

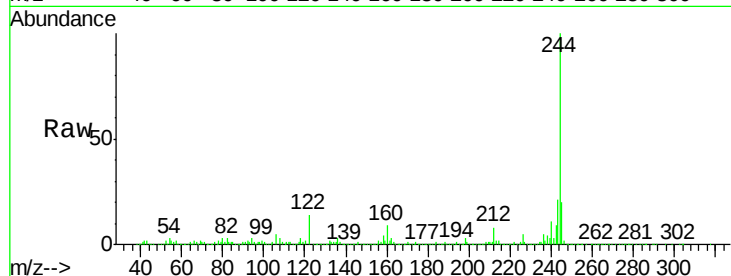
Tgt Ion:244 Resp: 1237981

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

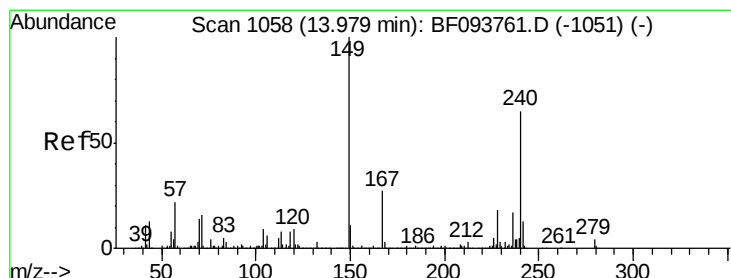
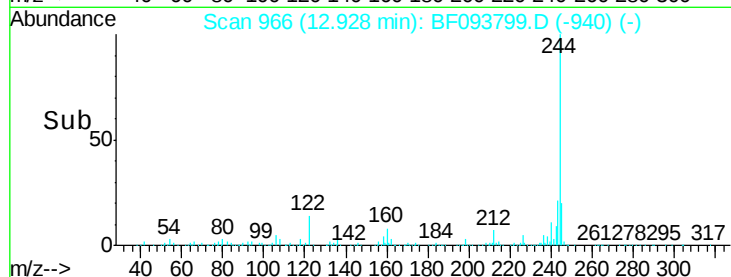
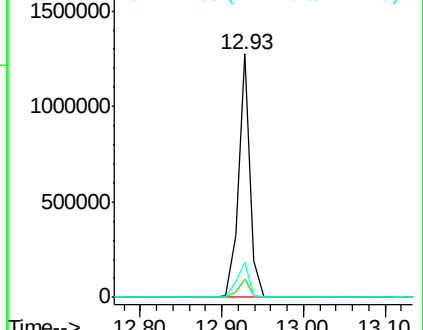
122 14.4 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 10.28 ng

RT: 13.97 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF093799.D

Acq: 21 Mar 2017 15:41

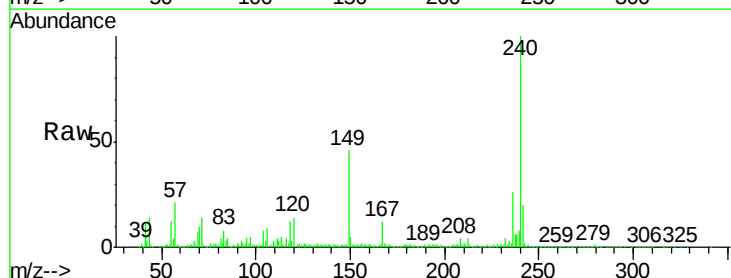
Tgt Ion:149 Resp: 184264

Ion Ratio Lower Upper

149 100

167 26.9 21.0 31.4

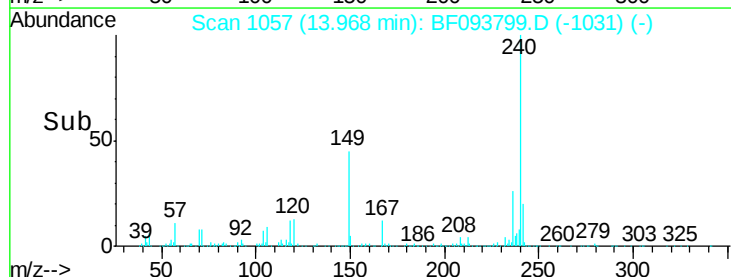
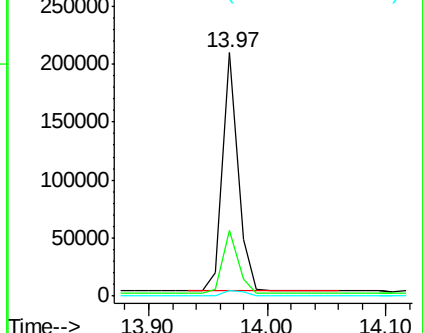
279 2.2 1.9 2.9

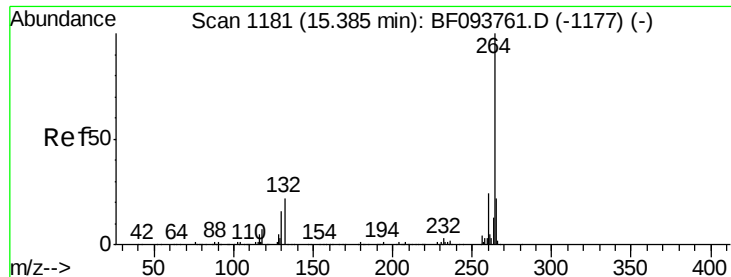


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF093799.D
Acq: 21 Mar 2017 15:41

Instrument :
BNA_F
ClientSampleId :
MW-104S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.8	17.2	25.8

