

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032117\
 Data File : BF093798.D
 Acq On : 21 Mar 2017 15:14
 Operator : SJ/MA
 Sample : I2263-19
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-103S

Quant Time: Mar 22 02:07:23 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

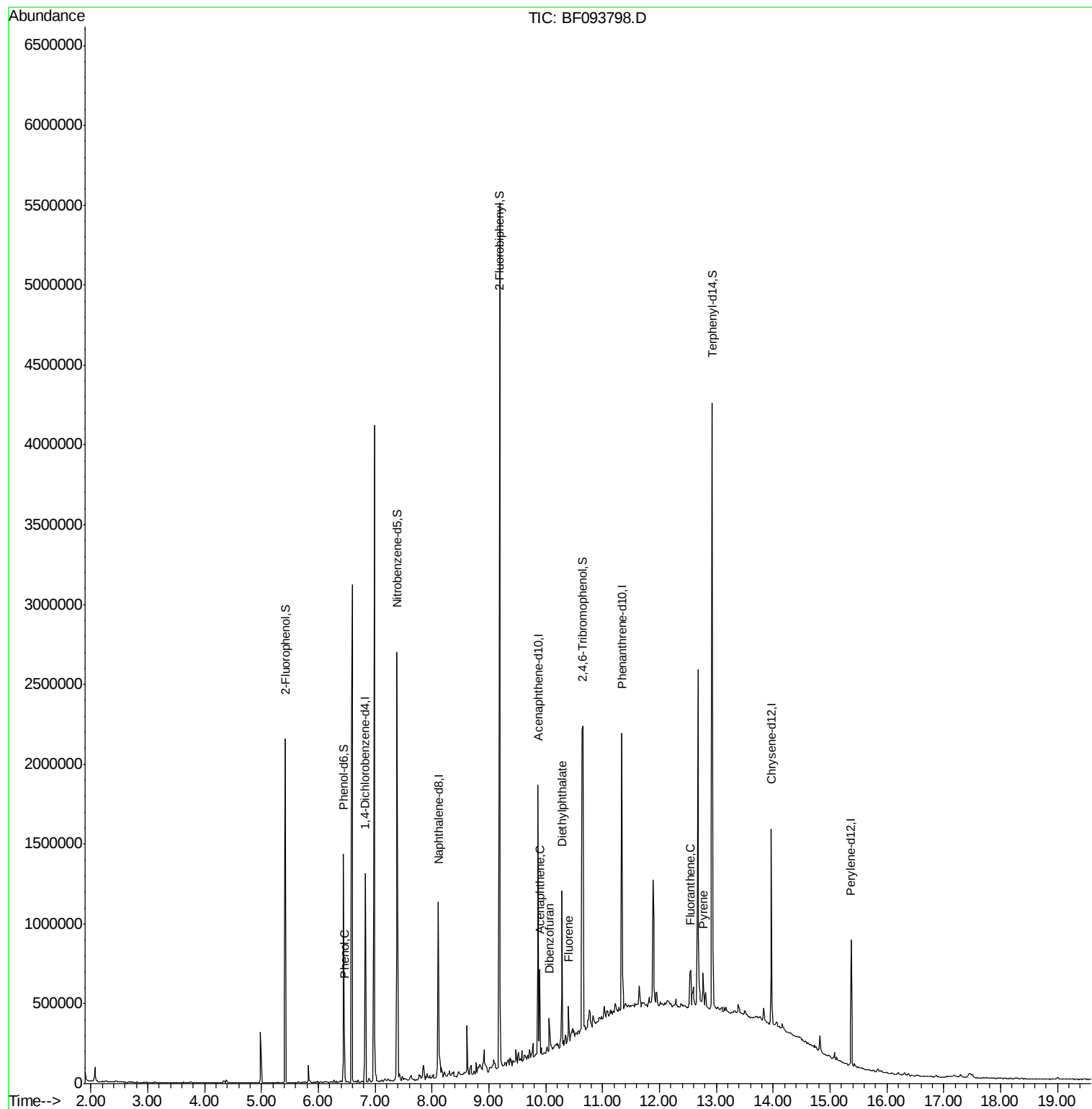
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	179915	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	737207	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	359772	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	587583	20.00	ng	0.00
75) Chrysene-d12	13.97	240	405395	20.00	ng	0.00
86) Perylene-d12	15.37	264	318479	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	568135	55.22	ng	0.00
7) Phenol-d6	6.45	99	424645	33.40	ng	-0.01
23) Nitrobenzene-d5	7.38	82	1102831	84.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	373600	134.07	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1791335	83.73	ng	0.00
78) Terphenyl-d14	12.93	244	1206012	60.65	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.46	94	62864	4.40	ng	95
51) Acenaphthene	9.90	154	181476	8.33	ng	99
54) Dibenzofuran	10.06	168	102551	3.50	ng	93
57) Fluorene	10.40	166	52298	2.33	ng	# 97
59) Diethylphthalate	10.29	149	390571	15.65	ng	98
74) Fluoranthene	12.55	202	147965	4.60	ng	95
77) Pyrene	12.77	202	86229m	2.56	ng	

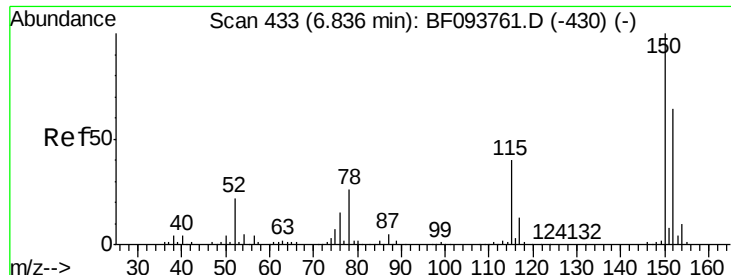
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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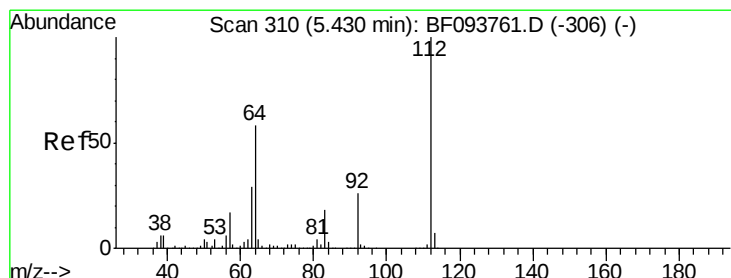
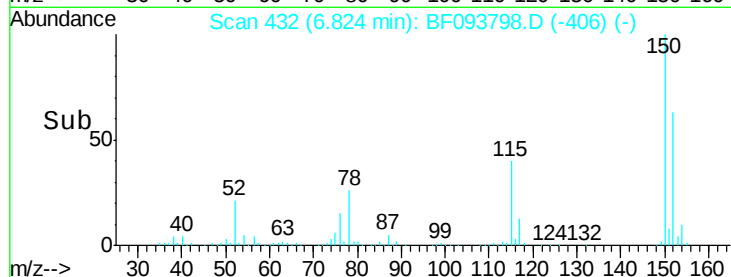
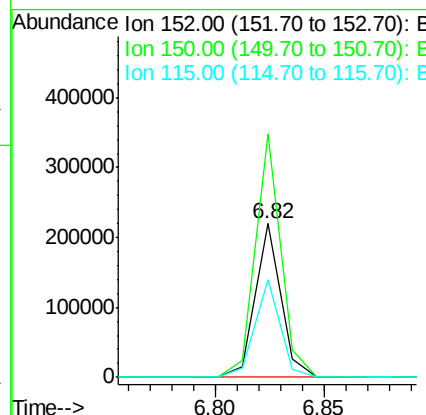
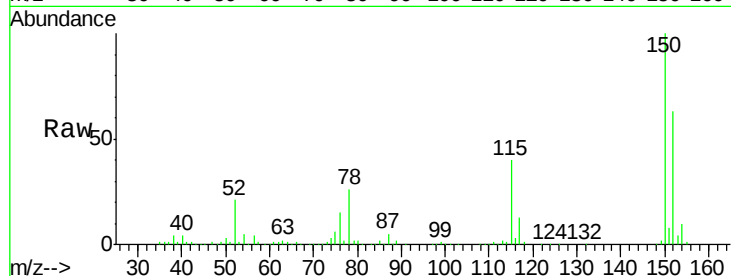




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.82 min Scan# 432
 Delta R.T. -0.00 min
 Lab File: BF093798.D
 Acq: 21 Mar 2017 15:14

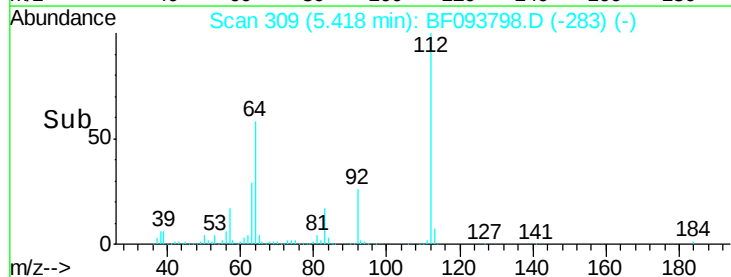
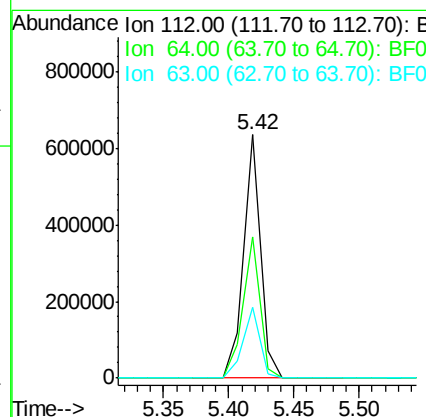
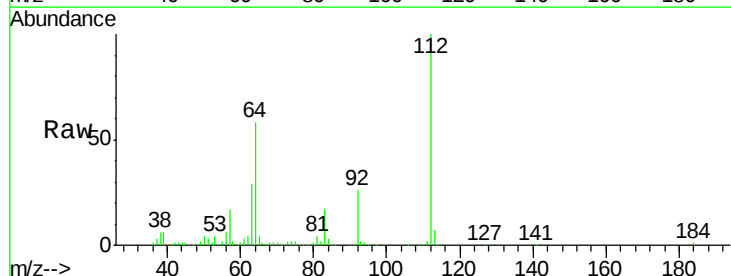
Instrument :
 BNA_F
 ClientSampleId :
 MW-103S

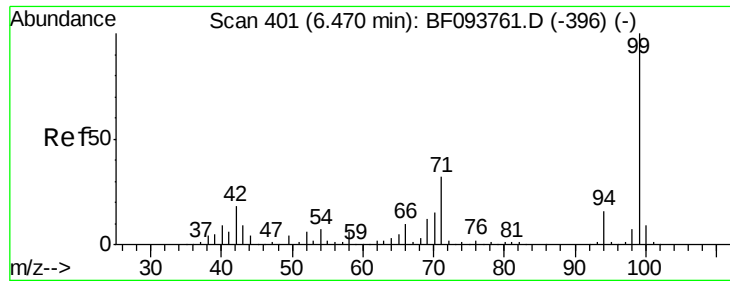
Tgt Ion:152 Resp: 179915
 Ion Ratio Lower Upper
 152 100
 150 158.3 126.2 189.2
 115 63.9 52.2 78.2



#5
 2-Fluorophenol
 Concen: 55.22 ng
 RT: 5.42 min Scan# 309
 Delta R.T. -0.00 min
 Lab File: BF093798.D
 Acq: 21 Mar 2017 15:14

Tgt Ion:112 Resp: 568135
 Ion Ratio Lower Upper
 112 100
 64 58.2 46.0 69.0
 63 28.8 23.4 35.0





#7

Phenol-d6

Concen: 33.40 ng

RT: 6.45 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF093798.D

Acq: 21 Mar 2017 15:14

Instrument :

BNA_F

ClientSampleId :

MW-103S

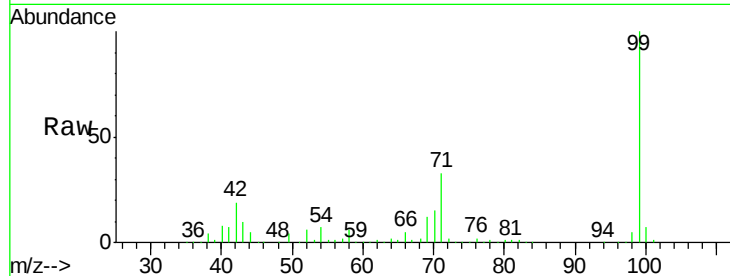
Tgt Ion: 99 Resp: 424645

Ion Ratio Lower Upper

99 100

42 19.3 13.5 20.3

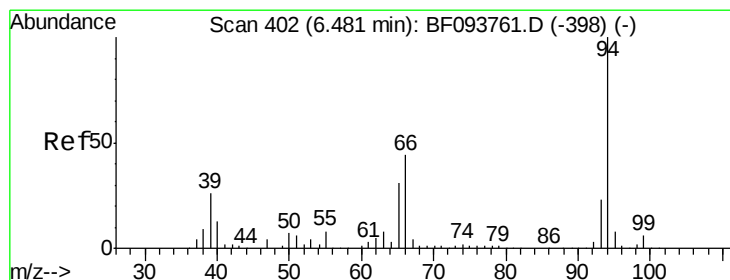
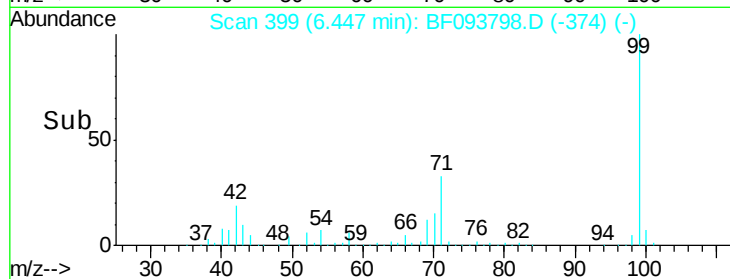
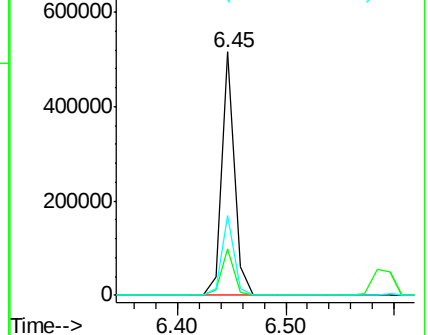
71 32.8 24.5 36.7



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: 4.40 ng

RT: 6.46 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF093798.D

Acq: 21 Mar 2017 15:14

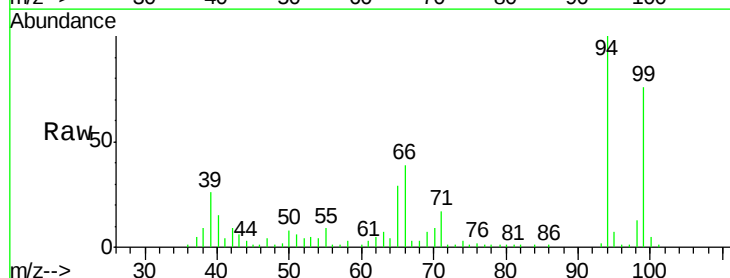
Tgt Ion: 94 Resp: 62864

Ion Ratio Lower Upper

94 100

65 28.9 9.9 49.9

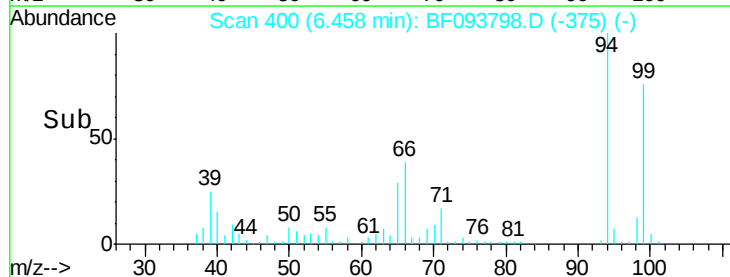
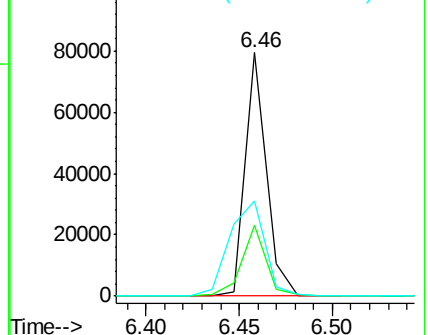
66 39.0 23.1 63.1

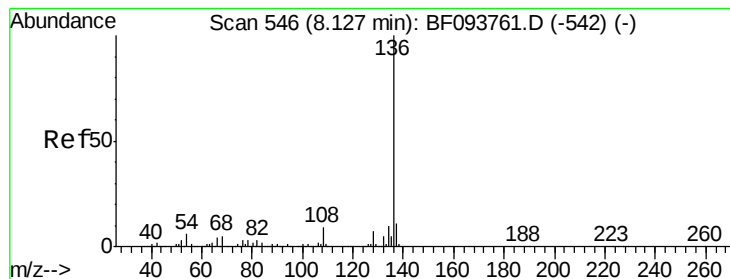


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: BF093798.D

Acq: 21 Mar 2017 15:14

Instrument :

BNA_F

ClientSampleId :

MW-103S

Tgt Ion:136 Resp: 737207

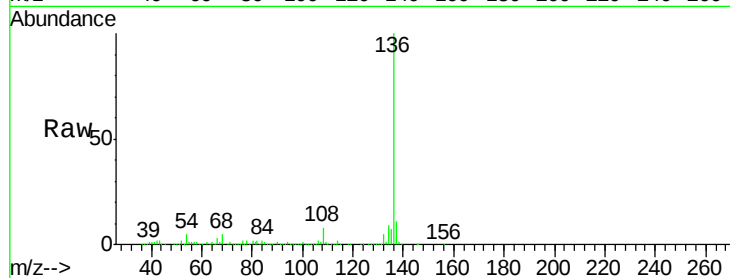
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 5.3 4.9 7.3

68 4.8 4.1 6.1

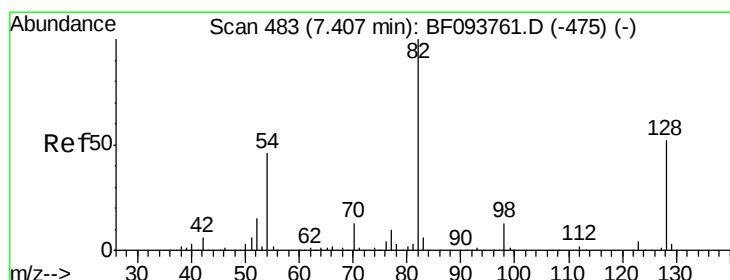
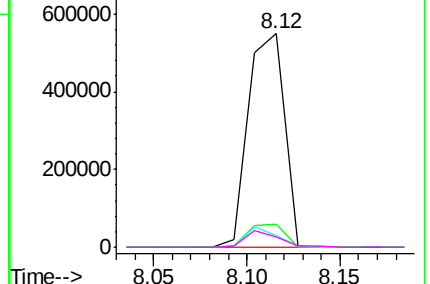
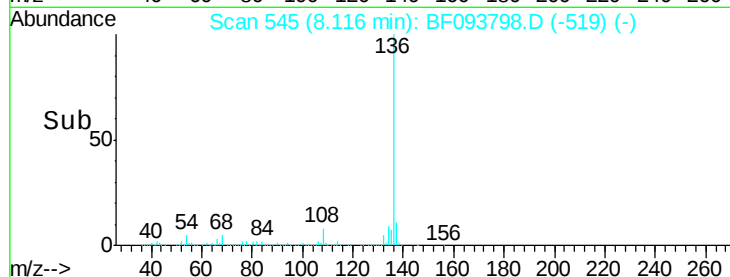


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.86 ng

RT: 7.38 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF093798.D

Acq: 21 Mar 2017 15:14

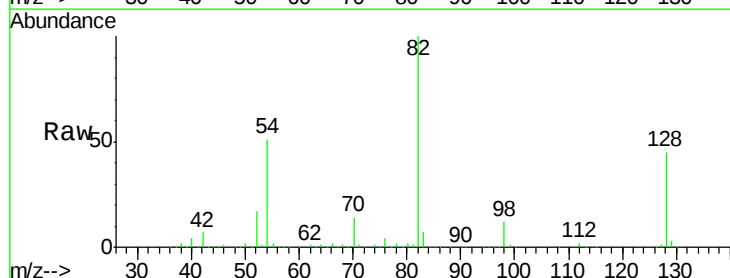
Tgt Ion: 82 Resp: 1102831

Ion Ratio Lower Upper

82 100

128 45.2 34.0 51.0

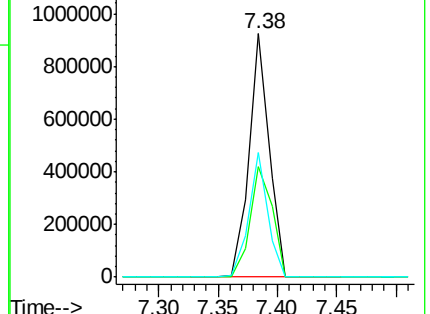
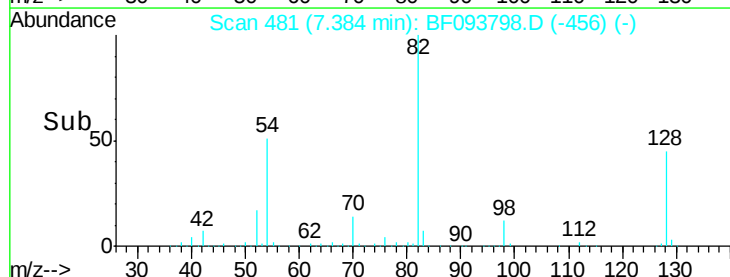
54 51.1 42.2 63.2

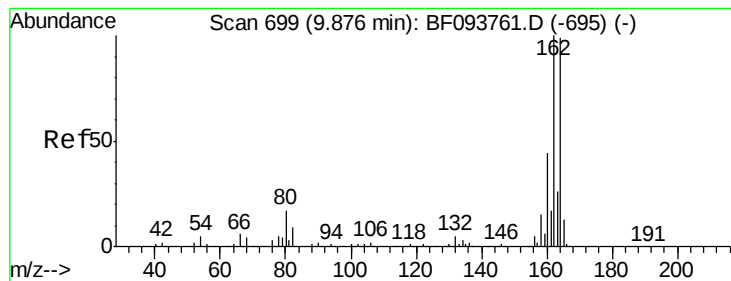


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF093798.D

Acq: 21 Mar 2017 15:14

Instrument :

BNA_F

ClientSampled :

MW-103S

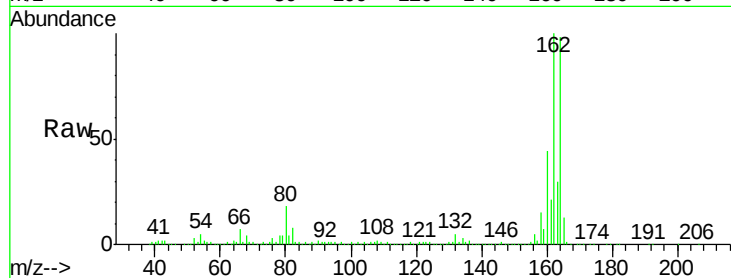
Tgt Ion:164 Resp: 359772

Ion Ratio Lower Upper

164 100

162 101.7 82.6 123.8

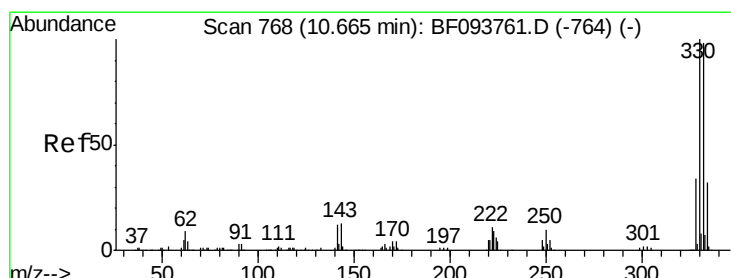
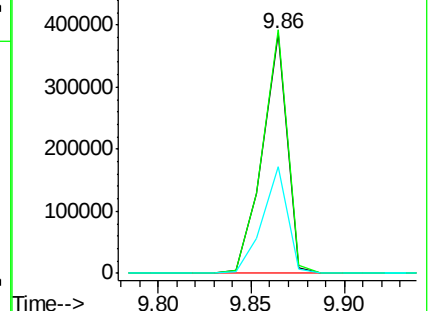
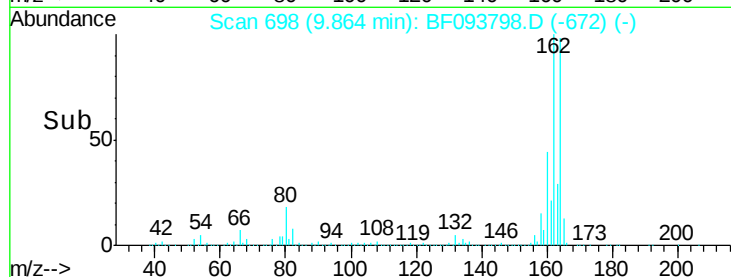
160 44.7 36.2 54.2



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: 134.07 ng

RT: 10.65 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF093798.D

Acq: 21 Mar 2017 15:14

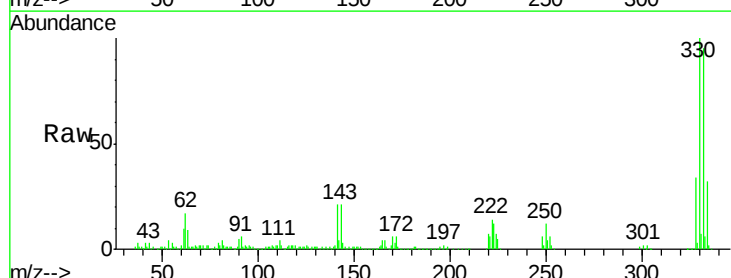
Tgt Ion:330 Resp: 373600

Ion Ratio Lower Upper

330 100

332 95.4 76.6 115.0

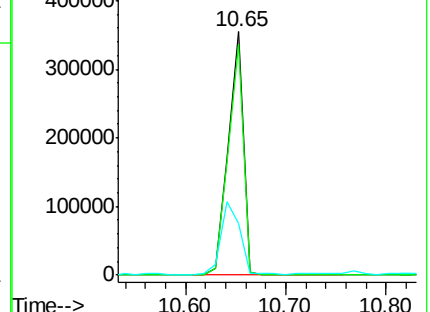
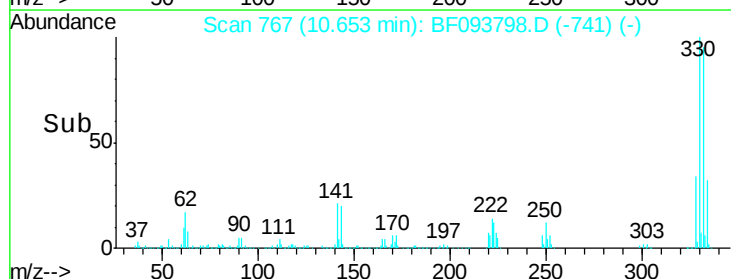
141 36.1 31.4 47.2

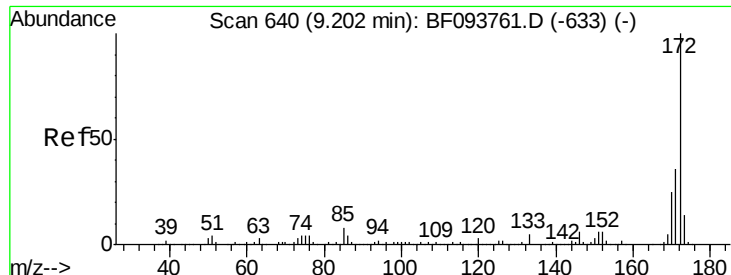


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

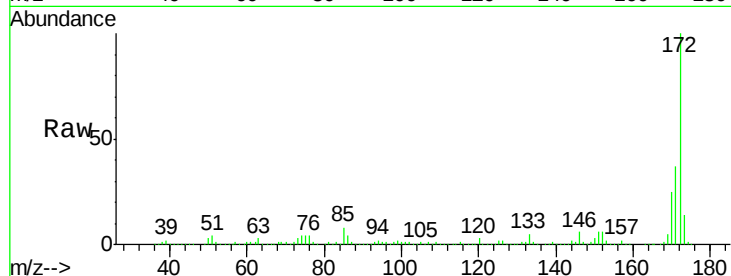




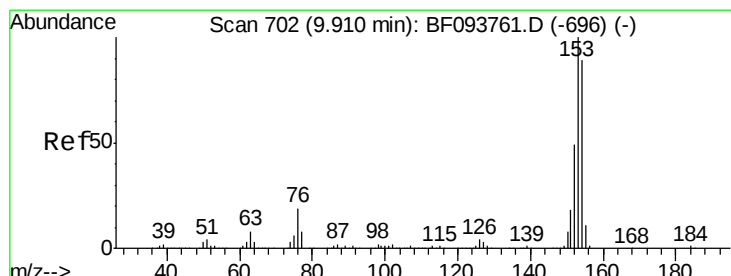
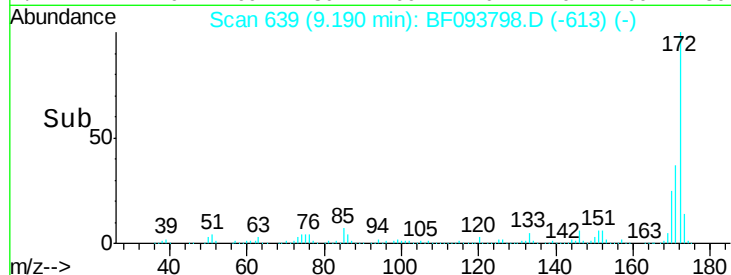
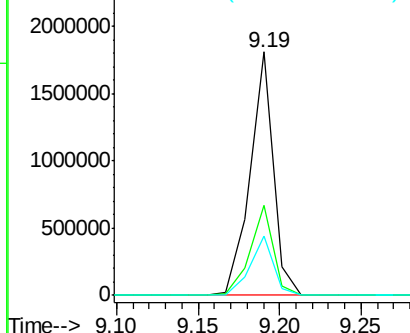
#44
2-Fluorobiphenyl
Concen: 83.73 ng
RT: 9.19 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF093798.D
Acq: 21 Mar 2017 15:14

Instrument :
BNA_F
ClientSampleId :
MW-103S

Tgt Ion:172 Resp: 1791335
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.6 19.8 29.8

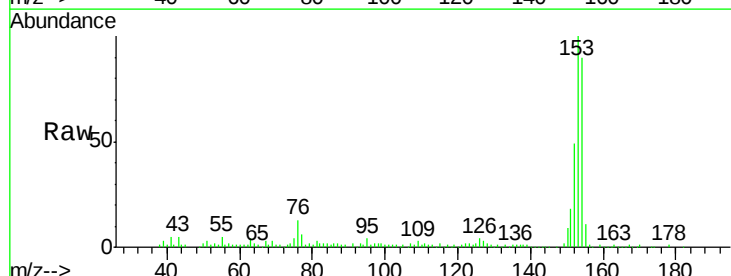


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

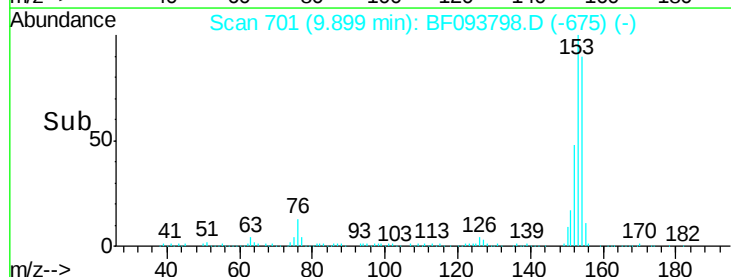
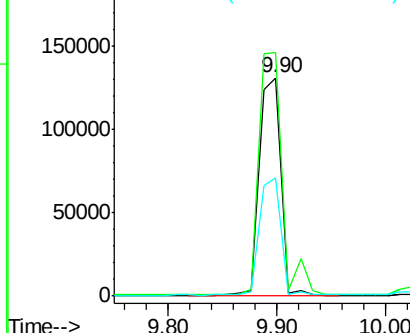


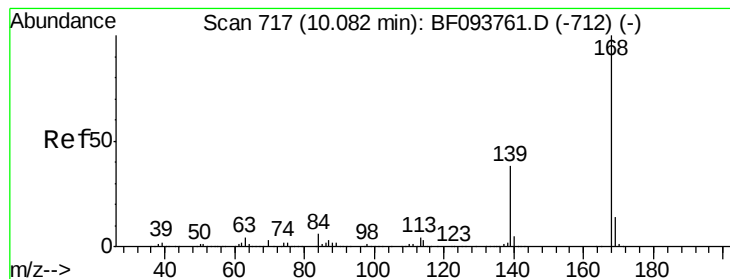
#51
Acenaphthene
Concen: 8.33 ng
RT: 9.90 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF093798.D
Acq: 21 Mar 2017 15:14

Tgt Ion:154 Resp: 181476
Ion Ratio Lower Upper
154 100
153 111.4 90.5 135.7
152 54.2 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





#54

Dibenzenofuran

Concen: 3.50 ng

RT: 10.06 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF093798.D

Acq: 21 Mar 2017 15:14

Instrument :

BNA_F

ClientSampleId :

MW-103S

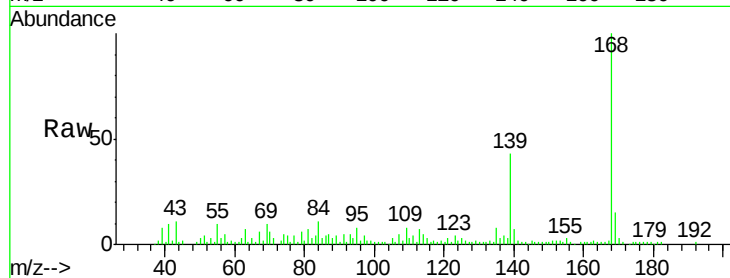
Tgt Ion:168 Resp: 102551

Ion Ratio Lower Upper

168 100

139 43.0 30.6 45.8

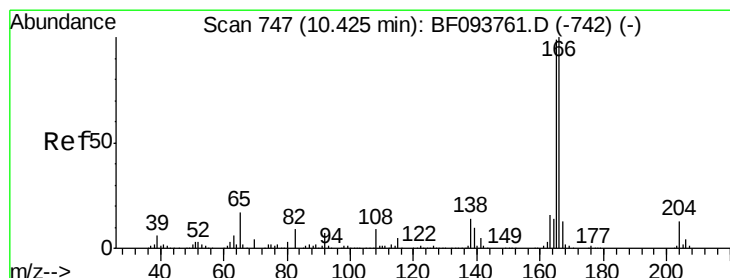
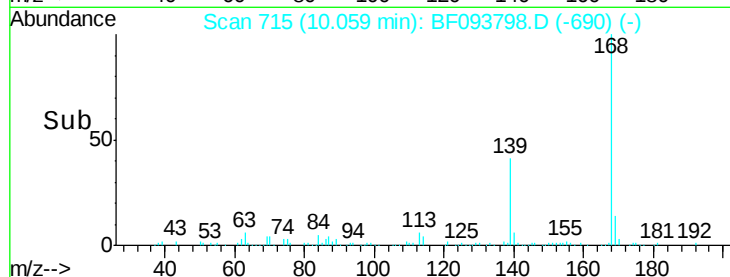
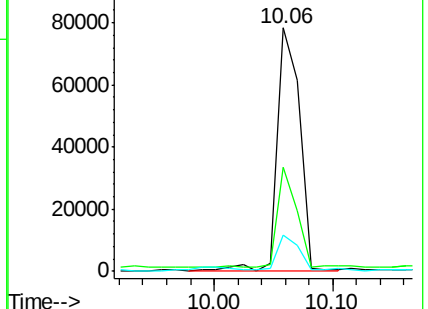
169 14.8 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#57

Fluorene

Concen: 2.33 ng

RT: 10.40 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF093798.D

Acq: 21 Mar 2017 15:14

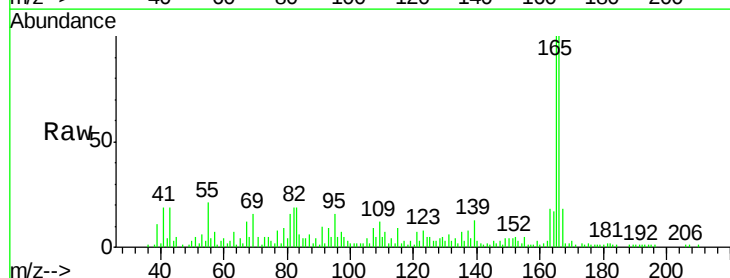
Tgt Ion:166 Resp: 52298

Ion Ratio Lower Upper

166 100

165 100.0 78.8 118.2

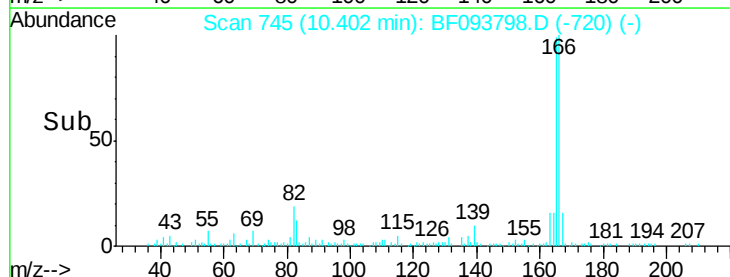
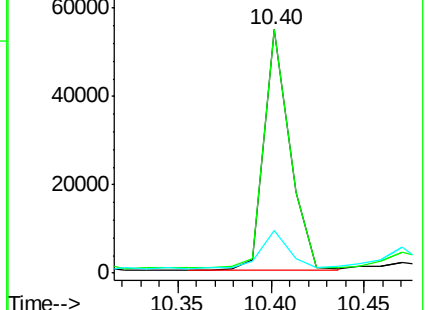
167 17.5 10.6 16.0#

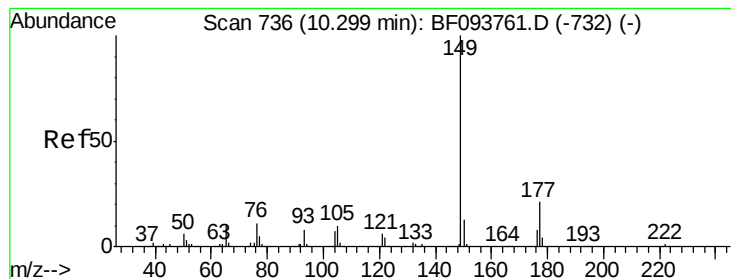


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

Diethylphthalate

Concen: 15.65 ng

RT: 10.29 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF093798.D

Acq: 21 Mar 2017 15:14

Instrument :

BNA_F

ClientSampled :

MW-103S

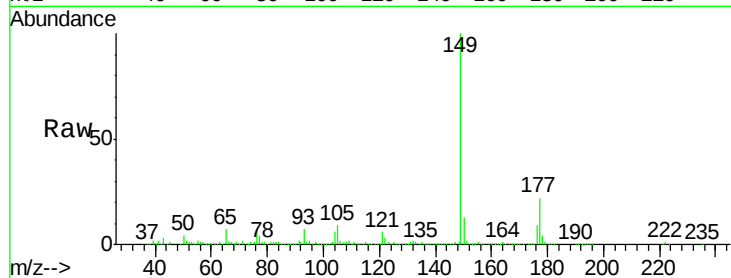
Tgt Ion:149 Resp: 390571

Ion Ratio Lower Upper

149 100

177 22.3 16.7 25.1

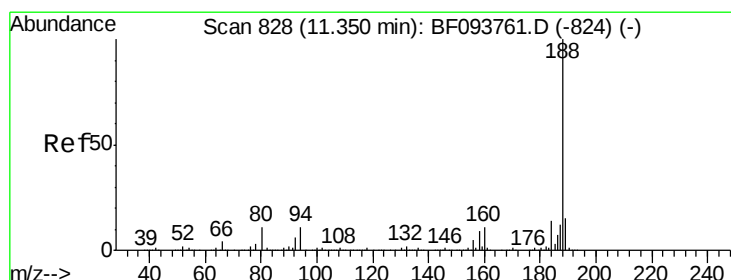
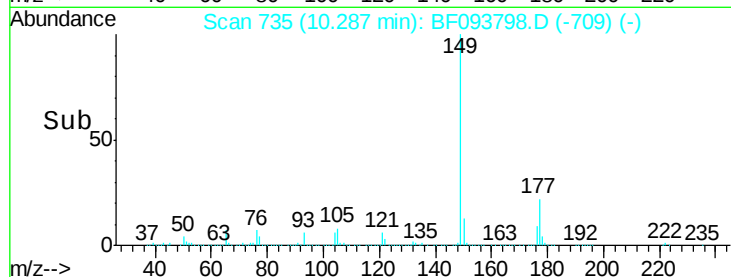
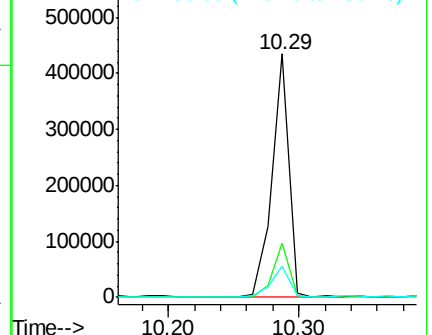
150 12.9 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 827

Delta R.T. -0.00 min

Lab File: BF093798.D

Acq: 21 Mar 2017 15:14

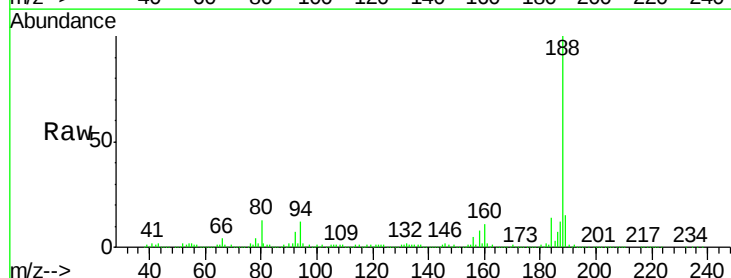
Tgt Ion:188 Resp: 587583

Ion Ratio Lower Upper

188 100

94 12.1 9.4 14.2

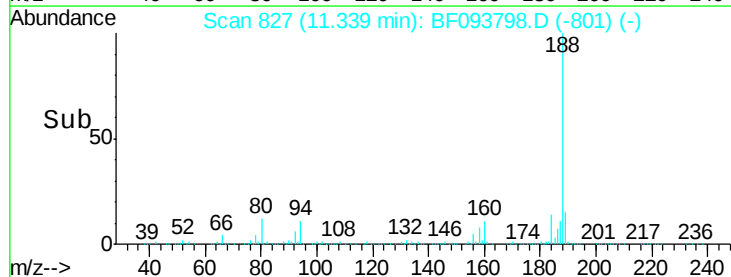
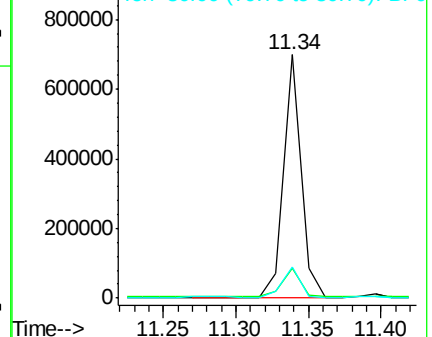
80 12.7 10.2 15.2

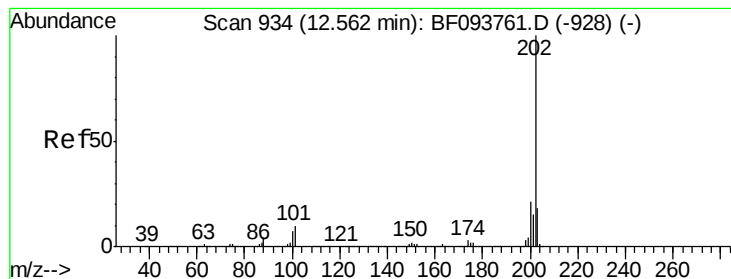


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 4.60 ng

RT: 12.55 min Scan# 933

Delta R.T. -0.00 min

Lab File: BF093798.D

Acq: 21 Mar 2017 15:14

Instrument :

BNA_F

ClientSampleId :

MW-103S

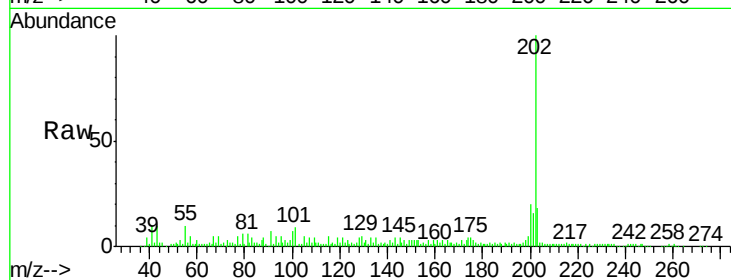
Tgt Ion:202 Resp: 147965

Ion Ratio Lower Upper

202 100

101 9.1 0.0 33.2

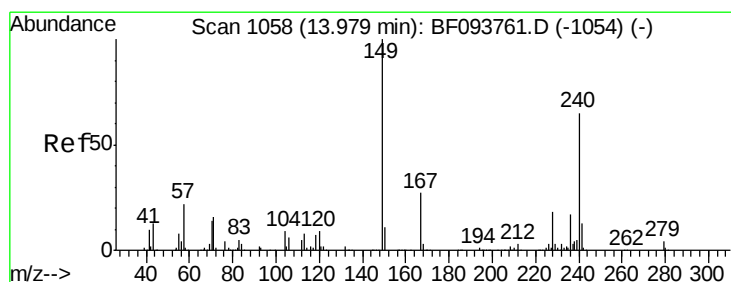
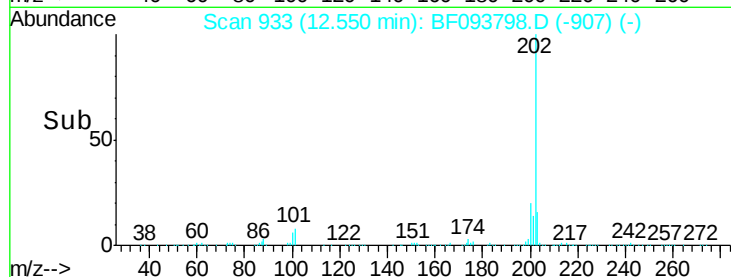
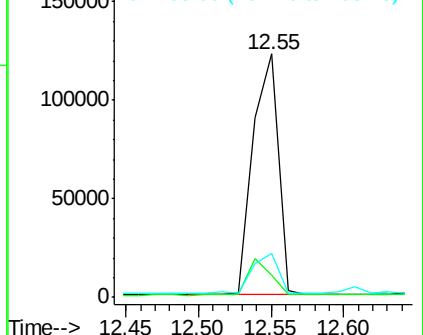
203 17.8 0.0 38.1



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: BF093798.D

Acq: 21 Mar 2017 15:14

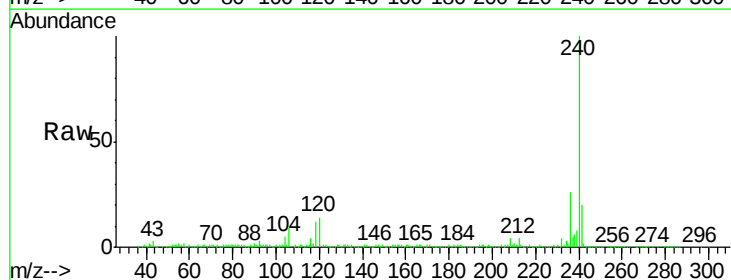
Tgt Ion:240 Resp: 405395

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

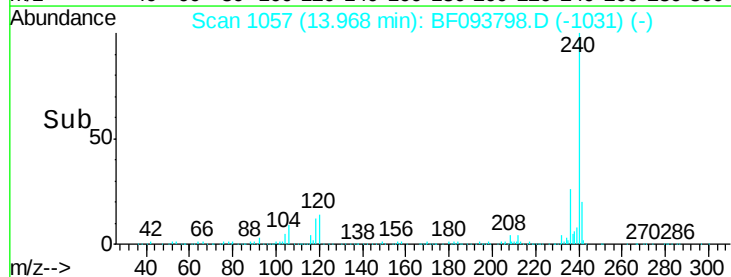
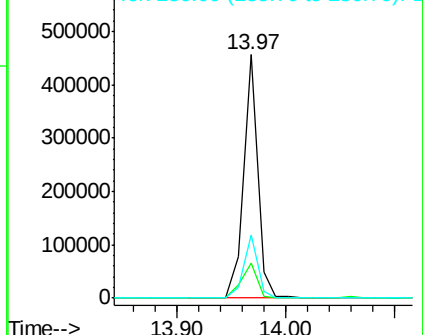
236 25.8 20.5 30.7

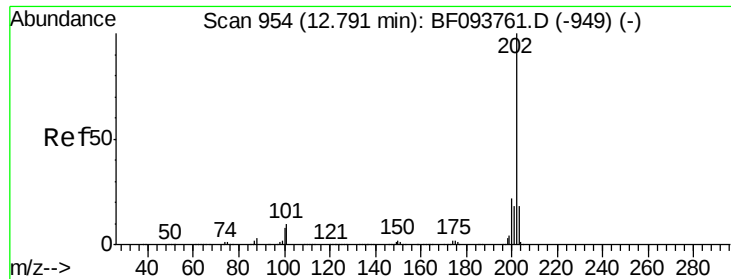


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 2.56 ng m

RT: 12.77 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF093798.D

Acq: 21 Mar 2017 15:14

Instrument :

BNA_F

ClientSampleId :

MW-103S

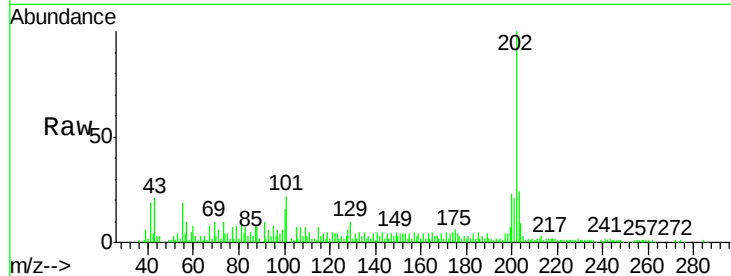
Tgt Ion:202 Resp: 86229

Ion Ratio Lower Upper

202 100

200 22.6 17.6 26.4

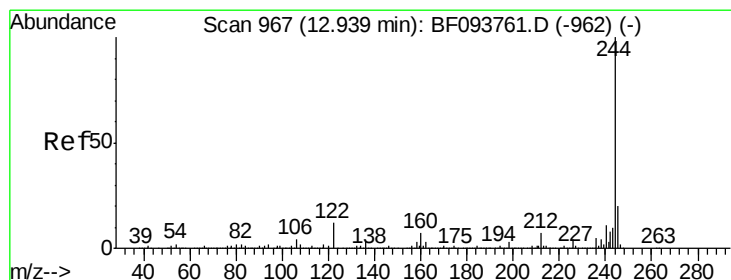
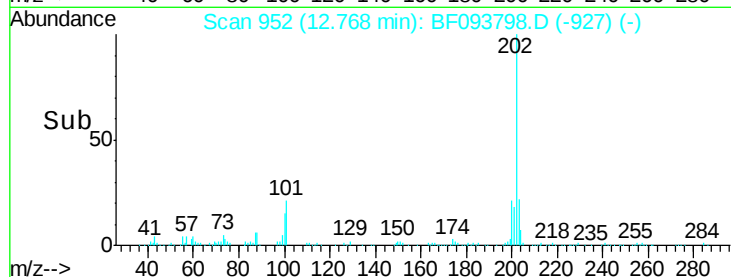
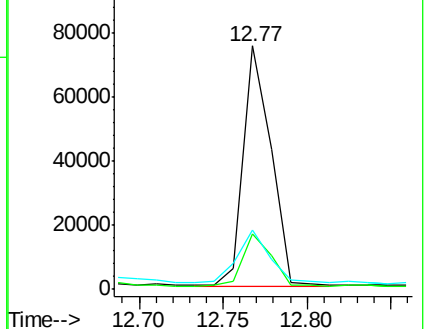
203 24.2 14.4 21.6#



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: 60.65 ng

RT: 12.93 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF093798.D

Acq: 21 Mar 2017 15:14

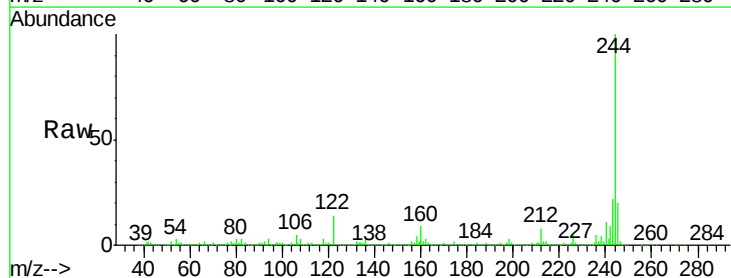
Tgt Ion:244 Resp: 1206012

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

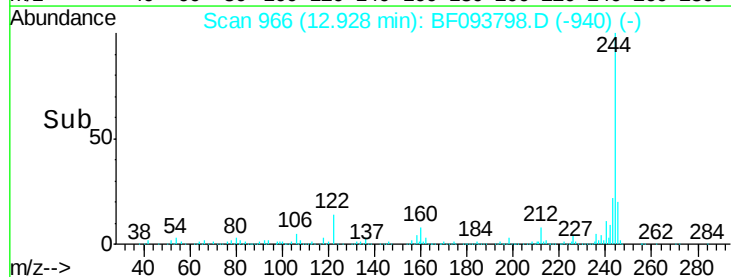
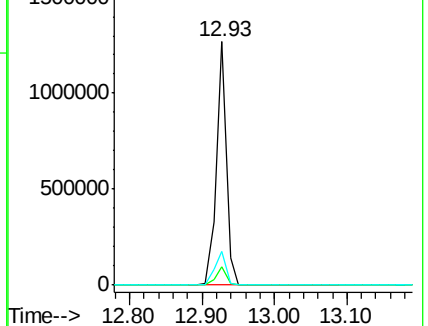
122 14.1 10.3 15.5

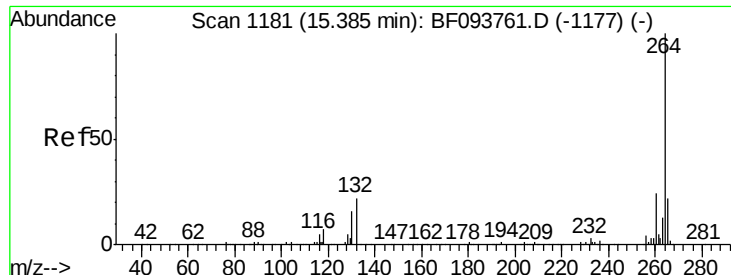


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

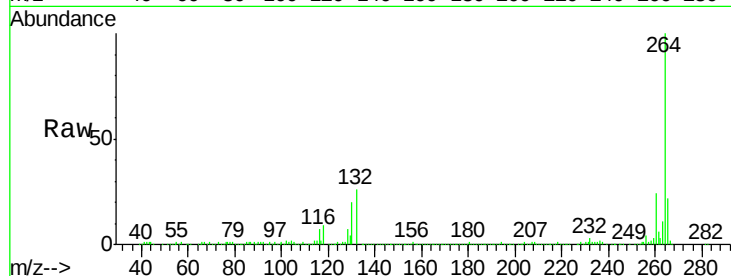




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF093798.D
Acq: 21 Mar 2017 15:14

Instrument :
BNA_F
ClientSampleId :
MW-103S

Tgt Ion: 264 Resp: 318479
Ion Ratio Lower Upper
264 100
260 24.2 19.5 29.3
265 21.8 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

