

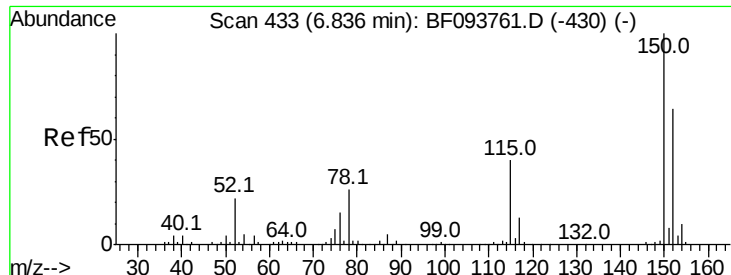
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
 Data File : BF093768.D
 Acq On : 20 Mar 2017 17:07
 Operator : SJ/MA
 Sample : I2263-12
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-105S

Quant Time: Mar 21 01:03:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 16:03:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	206607	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	816894	20.00	ng	-0.02
38) Acenaphthene-d10	9.86	164	402367	20.00	ng	-0.02
63) Phenanthrene-d10	11.35	188	748889	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	553335	20.00	ng	-0.03
86) Perylene-d12	15.37	264	435045	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	364941	30.89	ng	-0.01
7) Phenol-d6	6.45	99	312678	21.42	ng	-0.03
23) Nitrobenzene-d5	7.40	82	1214733	84.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	249309	80.00	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	2232116	93.28	ng	-0.01
78) Terphenyl-d14	12.94	244	1700581	62.66	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	166761	17.43	ng	# 78
25) Isophorone	7.40	82	1164804	45.66	ng	# 67
50) 2,6-Dinitrotoluene	9.86	165	50511	8.03	ng	# 34
56) 2,4-Dinitrotoluene	9.86	165	50513	6.33	ng	# 33
59) Diethylphthalate	10.29	149	131056	4.70	ng	97
66) 4-Bromophenyl-phenylether	10.65	248	17905	2.48	ng	# 1

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF093768.D

Acq: 20 Mar 2017 17:07

Instrument :

BNA_F

ClientSampleId :

MW-105S

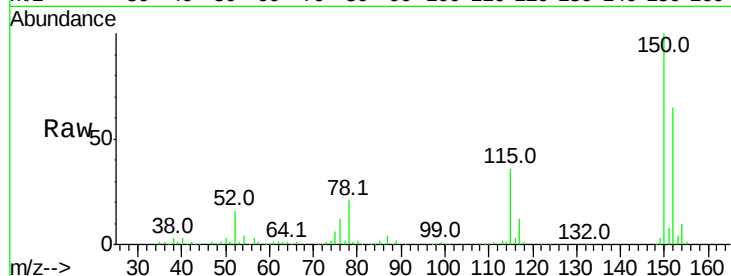
Tot Ion:152 Resp: 206607

Ion Ratio Lower Upper

152 100

150 154.9 126.2 189.2

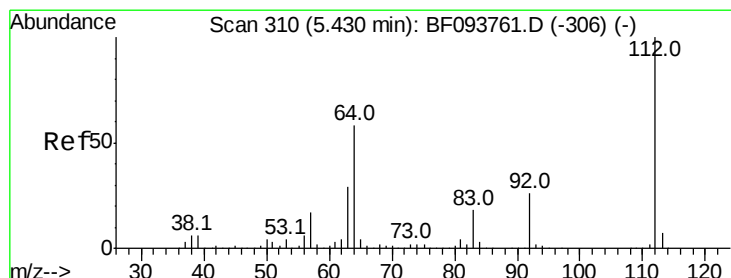
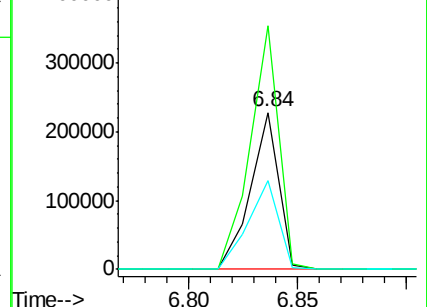
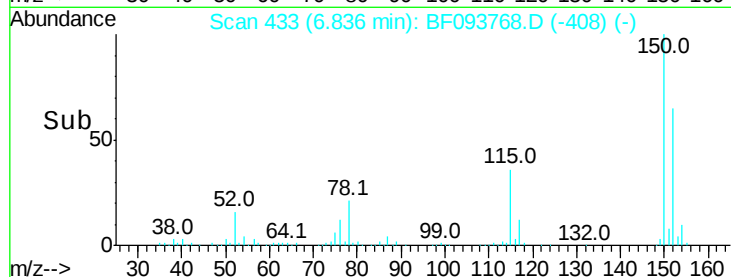
115 56.1 52.2 78.2



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: 30.89 ng

RT: 5.43 min Scan# 310

Delta R.T. -0.01 min

Lab File: BF093768.D

Acq: 20 Mar 2017 17:07

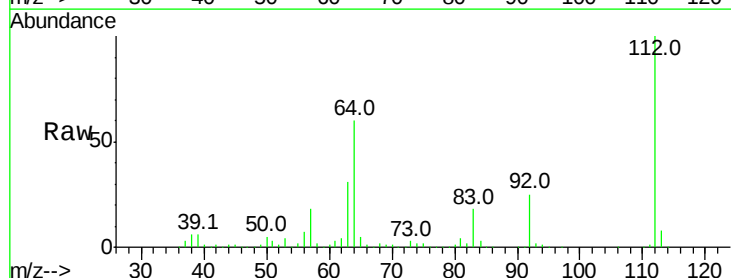
Tgt Ion:112 Resp: 364941

Ion Ratio Lower Upper

112 100

64 60.0 46.0 69.0

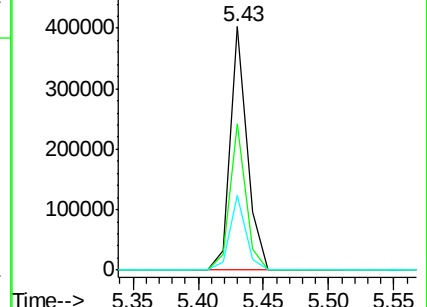
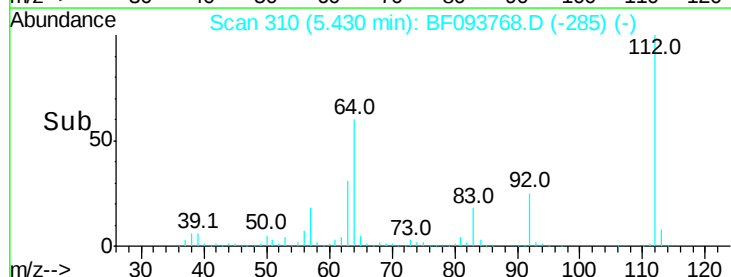
63 30.9 23.4 35.0

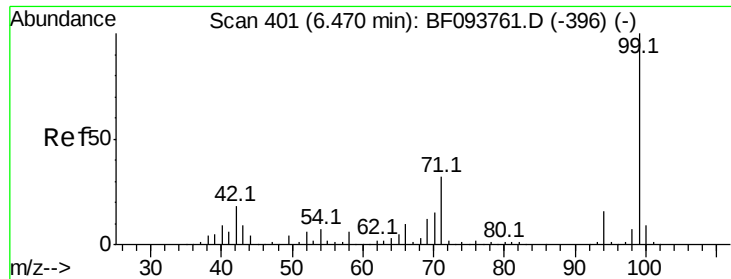


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 21.42 ng

RT: 6.45 min Scan# 399

Delta R.T. -0.03 min

Lab File: BF093768.D

Acq: 20 Mar 2017 17:07

Instrument :

BNA_F

ClientSampleId :

MW-105S

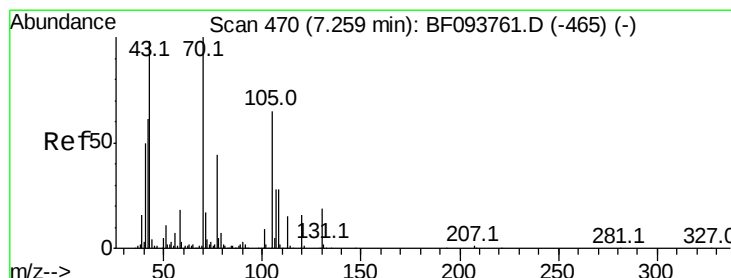
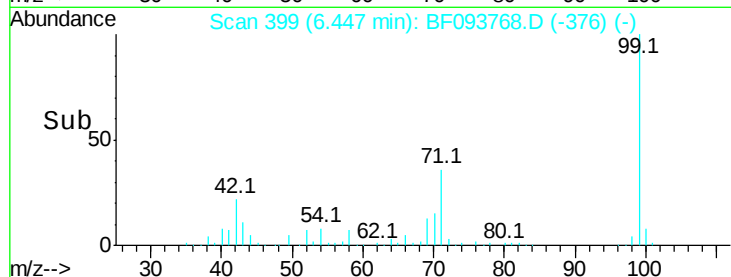
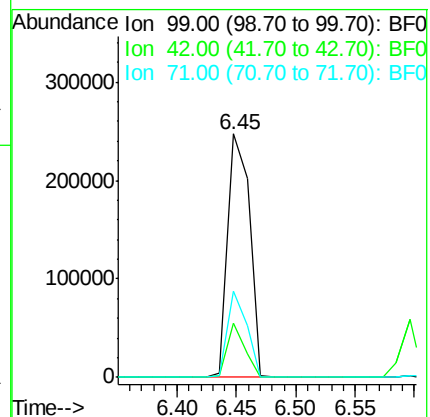
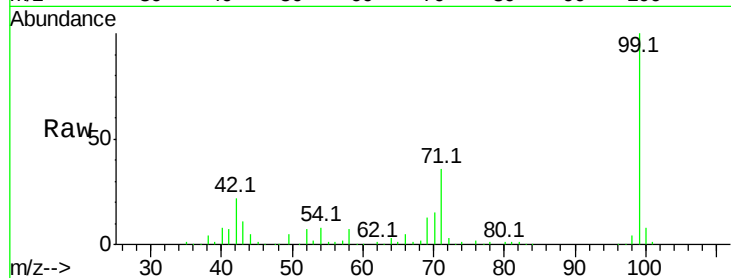
Tot Ion: 99 Resp: 312678

Ion Ratio Lower Upper

99 100

42 22.1 13.5 20.3#

71 35.5 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 17.43 ng

RT: 7.40 min Scan# 482

Delta R.T. 0.13 min

Lab File: BF093768.D

Acq: 20 Mar 2017 17:07

Tgt Ion: 70 Resp: 166761

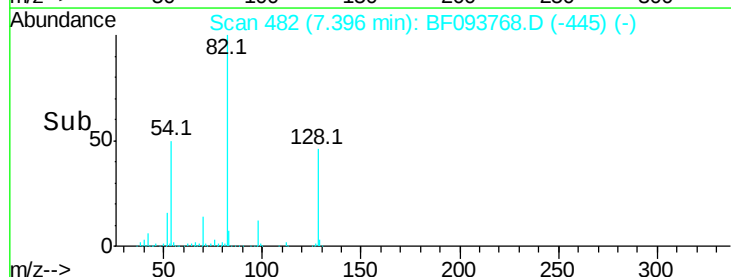
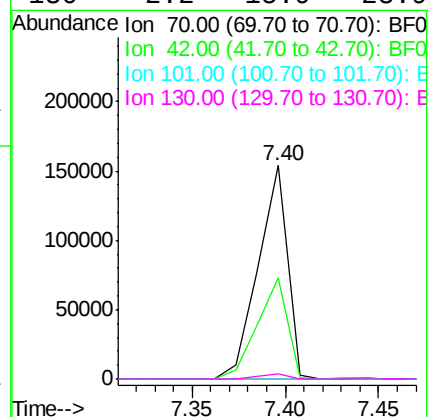
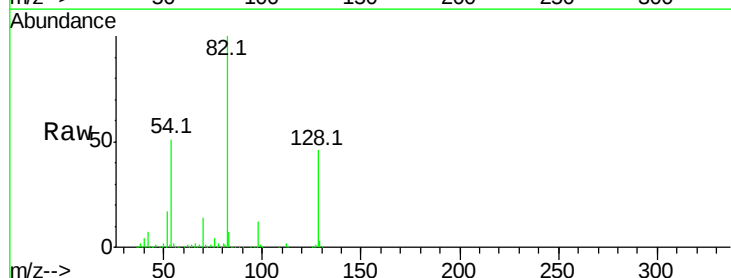
Ion Ratio Lower Upper

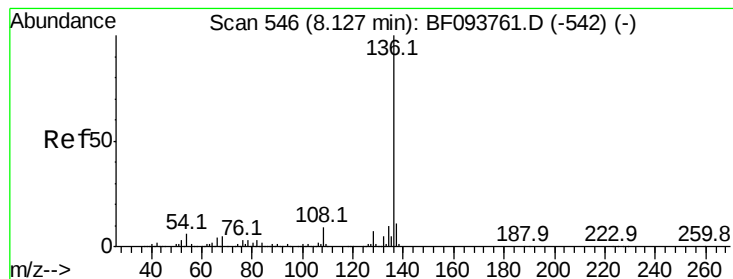
70 100

42 47.5 47.2 70.8

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 545

Delta R.T. -0.02 min

Lab File: BF093768.D

Acq: 20 Mar 2017 17:07

Instrument :

BNA_F

ClientSampleId :

MW-105S

Tot Ion:136 Resp: 816894

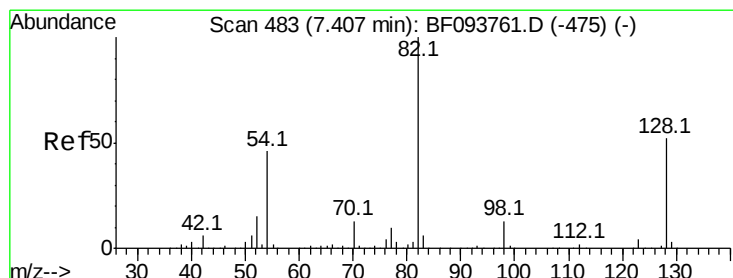
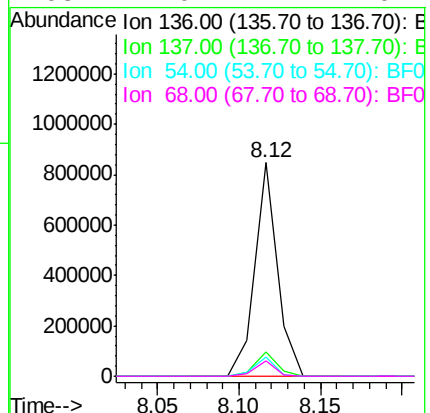
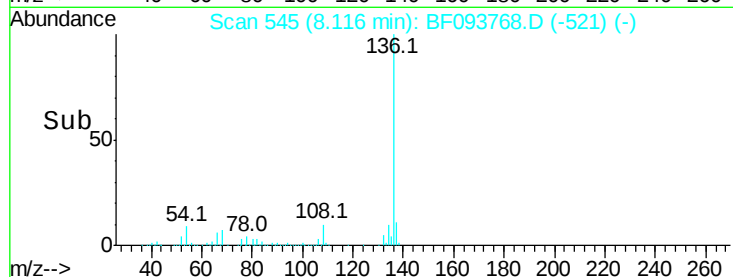
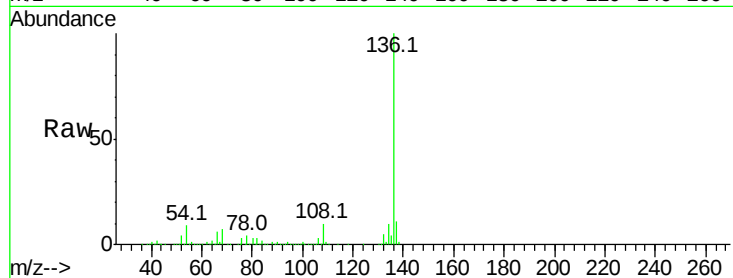
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 9.0 4.9 7.3#

68 7.0 4.1 6.1#



#23

Nitrobenzene-d5

Concen: 84.36 ng

RT: 7.40 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF093768.D

Acq: 20 Mar 2017 17:07

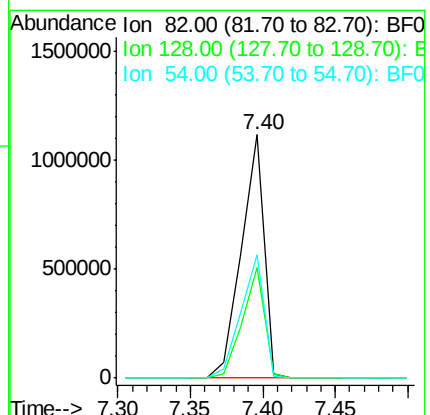
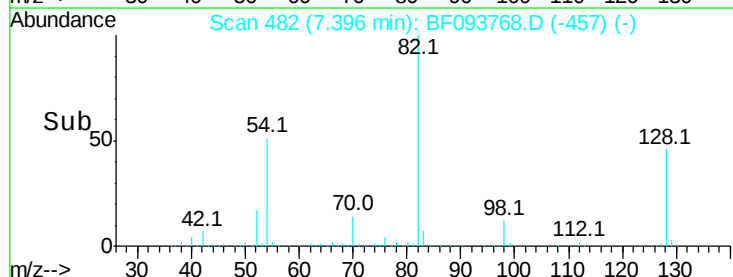
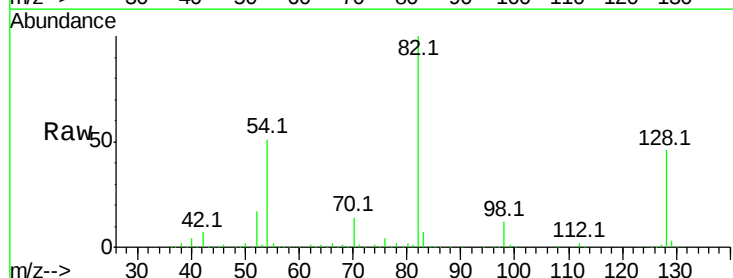
Tgt Ion: 82 Resp: 1214733

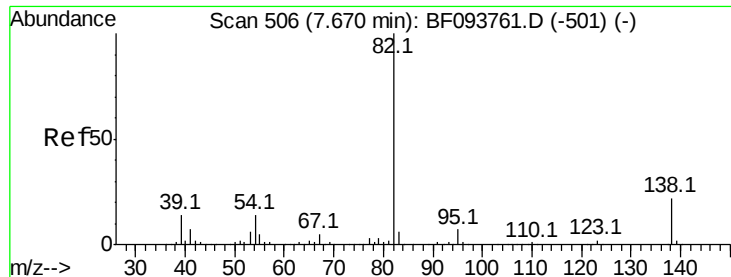
Ion Ratio Lower Upper

82 100

128 45.6 34.0 51.0

54 50.6 42.2 63.2





#25

Isophorone

Concen: 45.66 ng

RT: 7.40 min Scan# 482

Delta R.T. -0.27 min

Lab File: BF093768.D

Acq: 20 Mar 2017 17:07

Instrument :

BNA_F

ClientSampleId :

MW-105S

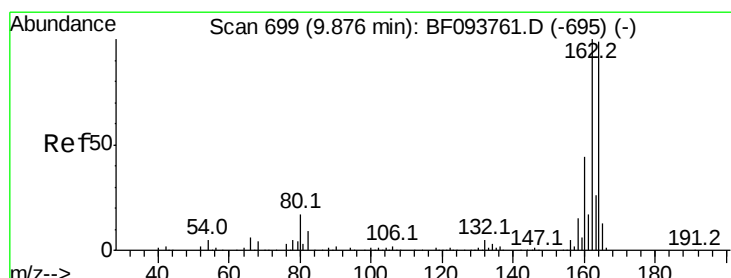
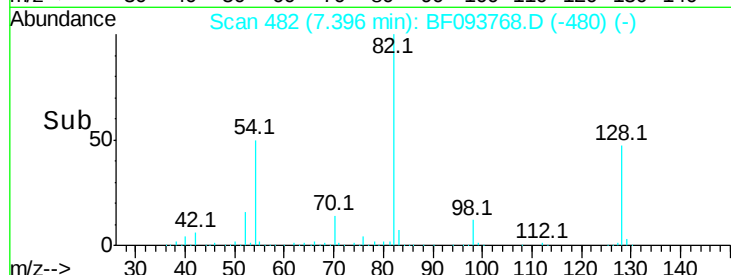
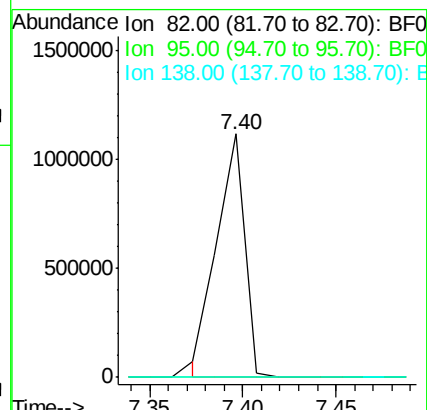
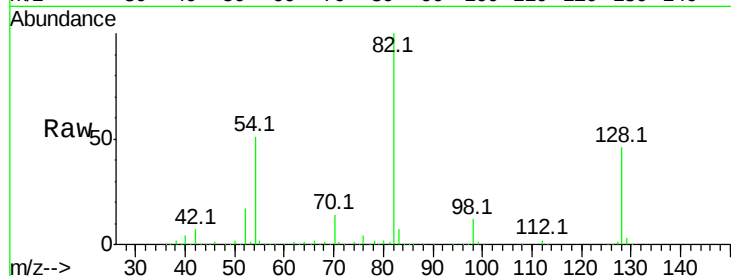
Tot Ion: 82 Resp: 1164804

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 698

Delta R.T. -0.02 min

Lab File: BF093768.D

Acq: 20 Mar 2017 17:07

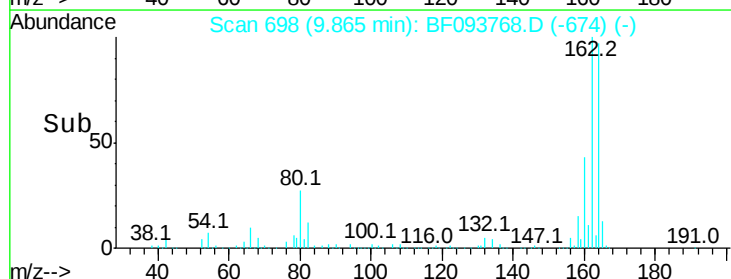
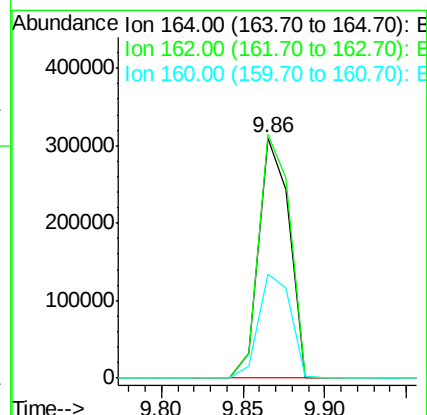
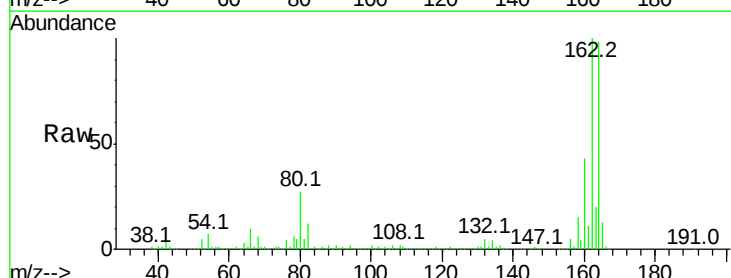
Tgt Ion:164 Resp: 402367

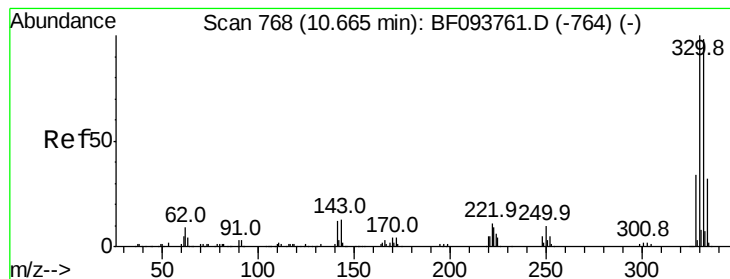
Ion Ratio Lower Upper

164 100

162 101.5 82.6 123.8

160 43.6 36.2 54.2





#41

2,4,6-Tribromophenol

Concen: 80.00 ng

RT: 10.65 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF093768.D

Acq: 20 Mar 2017 17:07

Instrument :

BNA_F

ClientSampleId :

MW-105S

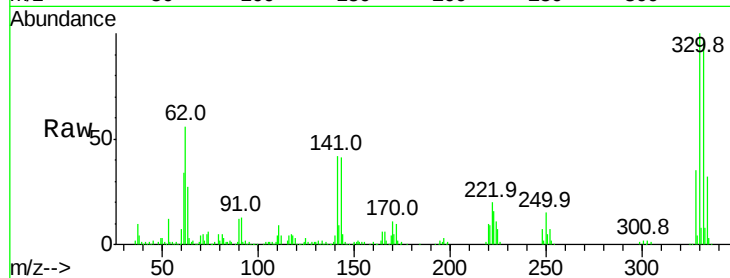
Tot Ion:330 Resp: 249309

Ion Ratio Lower Upper

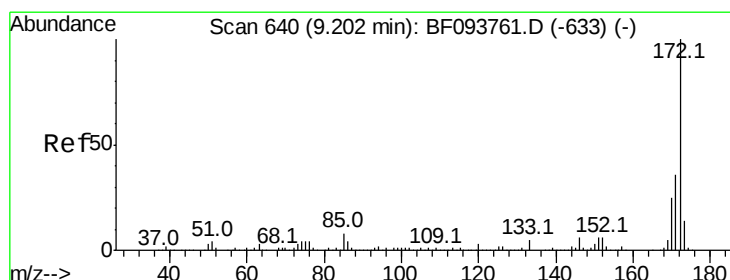
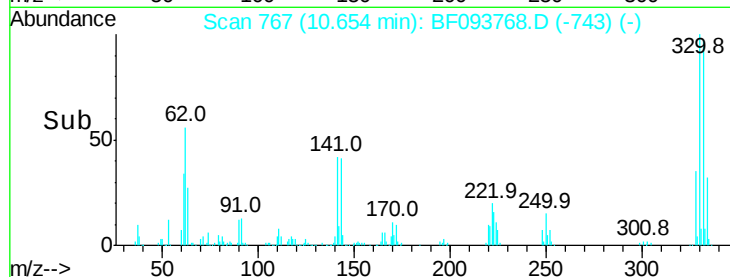
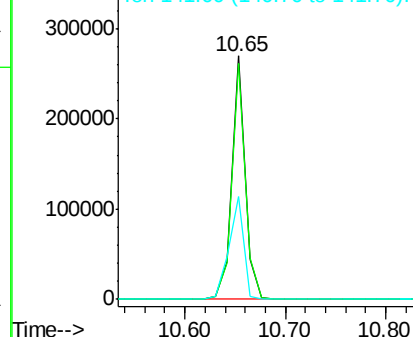
330 100

332 97.3 76.6 115.0

141 47.5 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: 93.28 ng

RT: 9.20 min Scan# 640

Delta R.T. -0.01 min

Lab File: BF093768.D

Acq: 20 Mar 2017 17:07

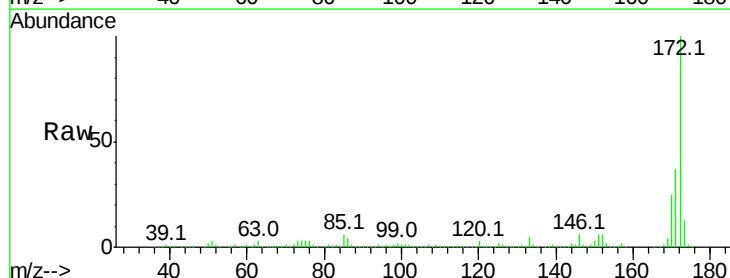
Tgt Ion:172 Resp: 2232116

Ion Ratio Lower Upper

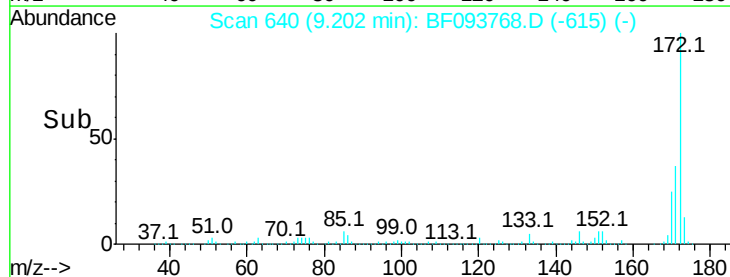
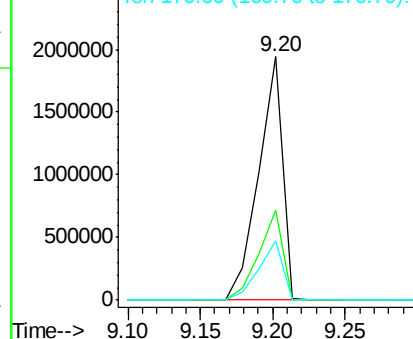
172 100

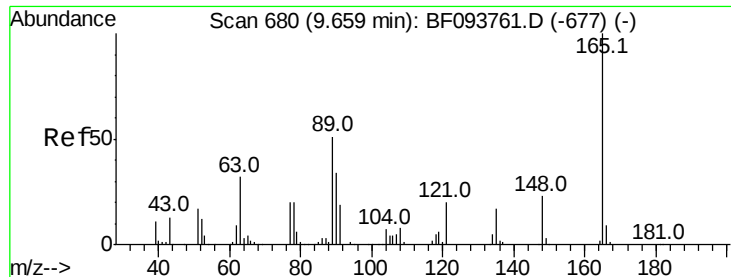
171 36.8 29.6 44.4

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





#50

2,6-Dinitrotoluene

Concen: 8.03 ng

RT: 9.86 min Scan# 698

Delta R.T. 0.19 min

Lab File: BF093768.D

Acq: 20 Mar 2017 17:07

Instrument :

BNA_F

ClientSampleId :

MW-105S

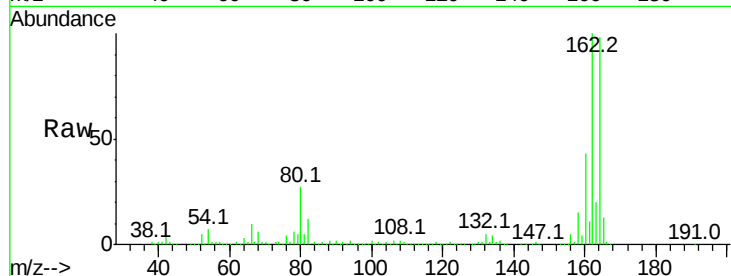
Tot Ion:165 Resp: 50511

Ion Ratio Lower Upper

165 100

63 1.8 34.3 51.5#

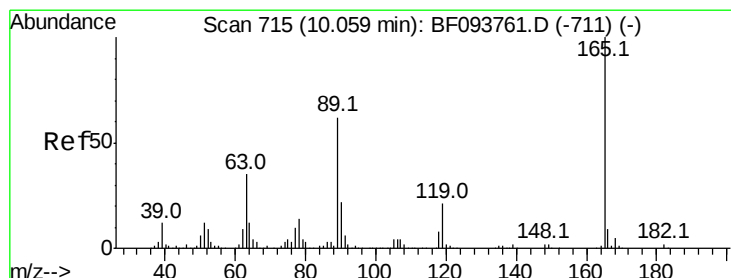
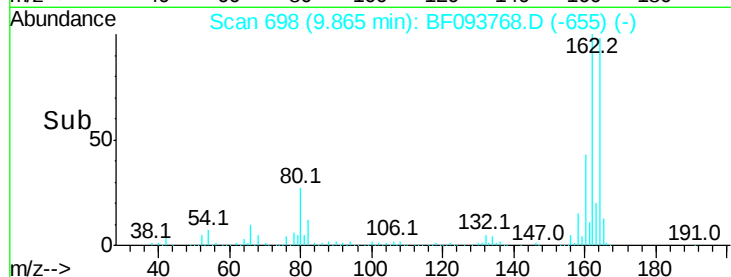
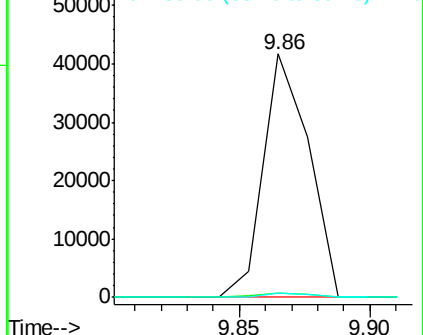
89 1.6 37.1 55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56

2,4-Dinitrotoluene

Concen: 6.33 ng

RT: 9.86 min Scan# 698

Delta R.T. -0.21 min

Lab File: BF093768.D

Acq: 20 Mar 2017 17:07

Tgt Ion:165 Resp: 50513

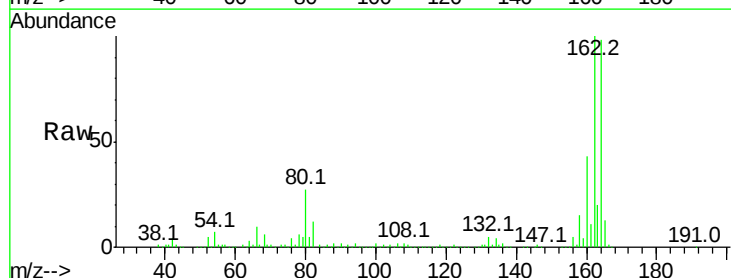
Ion Ratio Lower Upper

165 100

63 1.8 25.4 38.0#

89 1.6 46.4 69.6#

182 0.0 1.8 2.6#

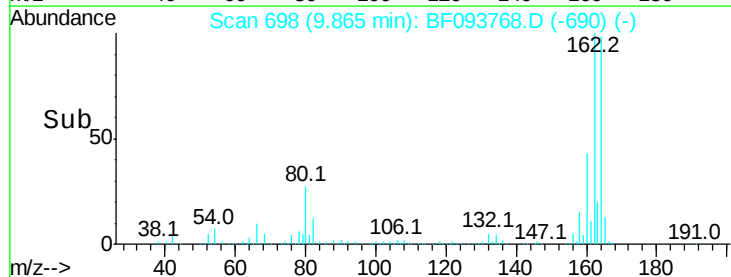
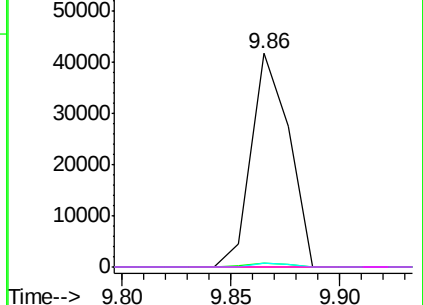


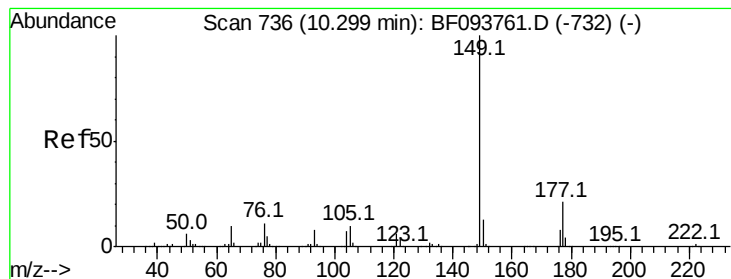
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#59

Diethylphthalate

Concen: 4.70 ng

RT: 10.29 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF093768.D

Acq: 20 Mar 2017 17:07

Instrument :

BNA_F

ClientSampleId :

MW-105S

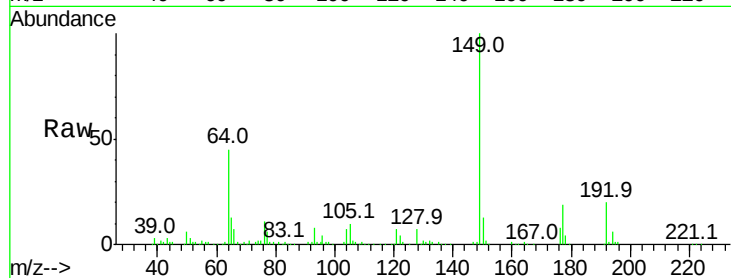
Tot Ion:149 Resp: 131056

Ion Ratio Lower Upper

149 100

177 19.0 16.7 25.1

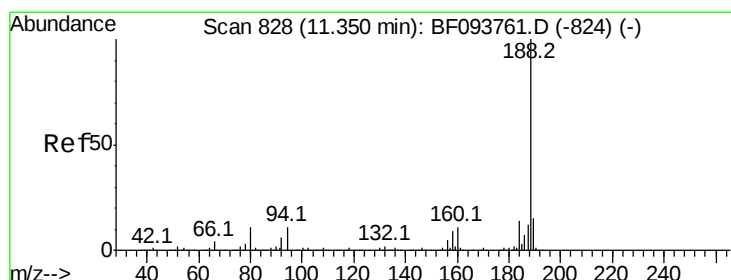
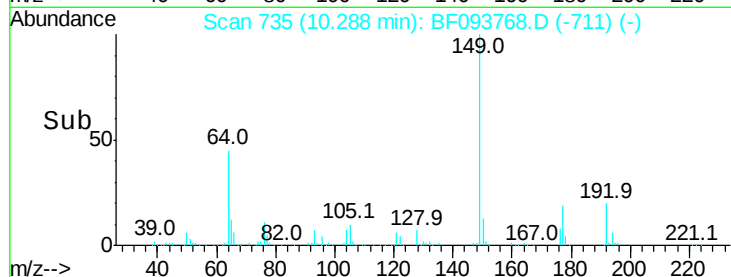
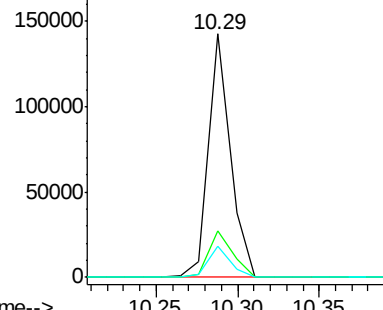
150 12.9 10.2 15.2



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: 11.35 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF093768.D

Acq: 20 Mar 2017 17:07

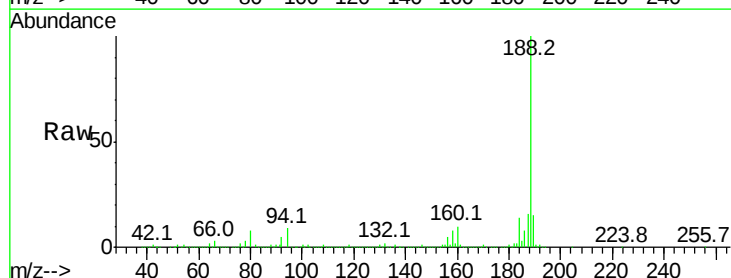
Tgt Ion:188 Resp: 748889

Ion Ratio Lower Upper

188 100

94 8.6 9.4 14.2#

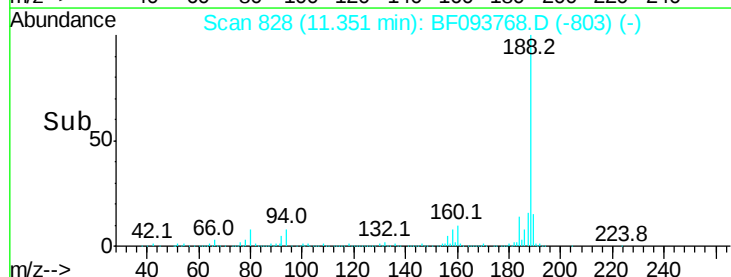
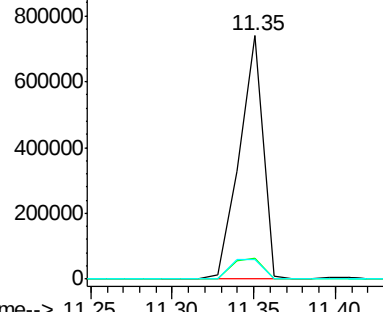
80 8.3 10.2 15.2#

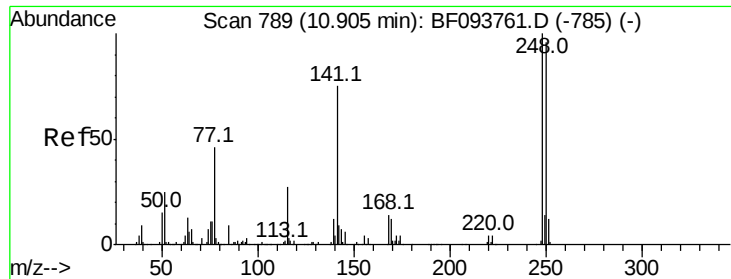


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 2.48 ng

RT: 10.65 min Scan# 767

Delta R.T. -0.26 min

Lab File: BF093768.D

Acq: 20 Mar 2017 17:07

Instrument :

BNA_F

ClientSampled :

MW-105S

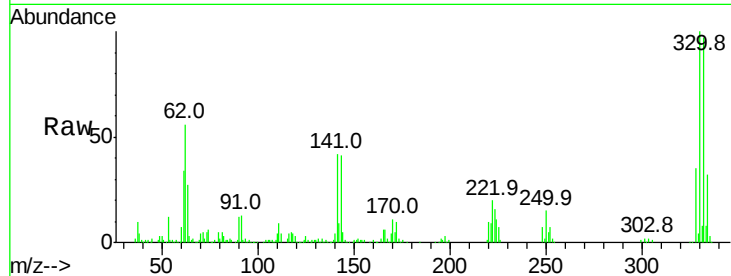
Tot Ion:248 Resp: 17905

Ion Ratio Lower Upper

248 100

250 197.6 76.8 115.2#

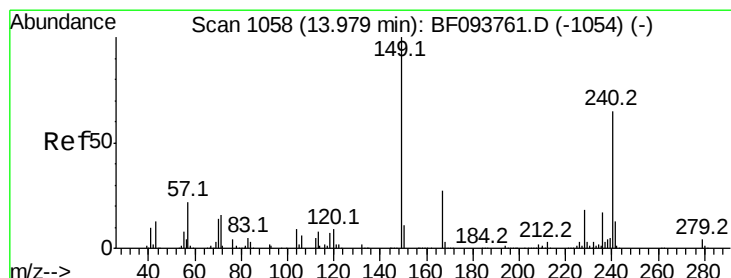
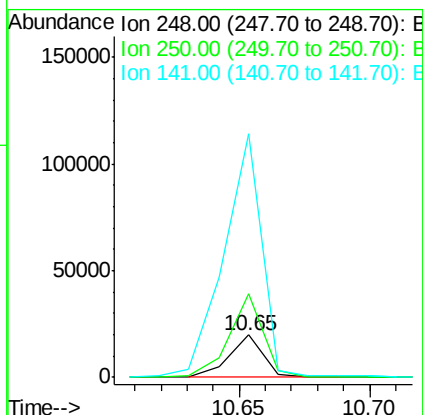
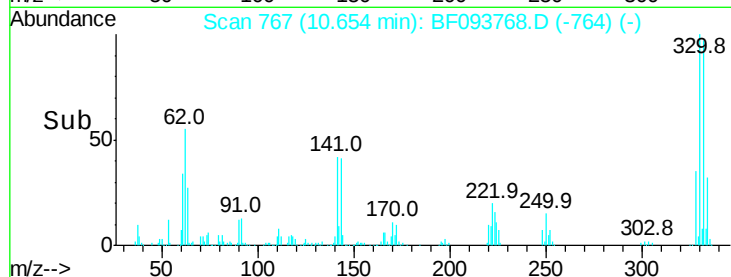
141 574.4 68.6 103.0#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1057

Delta R.T. -0.03 min

Lab File: BF093768.D

Acq: 20 Mar 2017 17:07

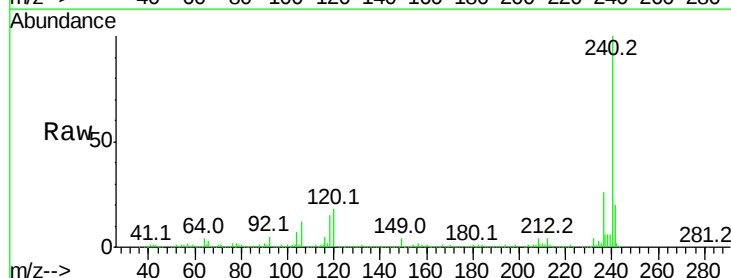
Tgt Ion:240 Resp: 553335

Ion Ratio Lower Upper

240 100

120 18.1 5.8 8.8#

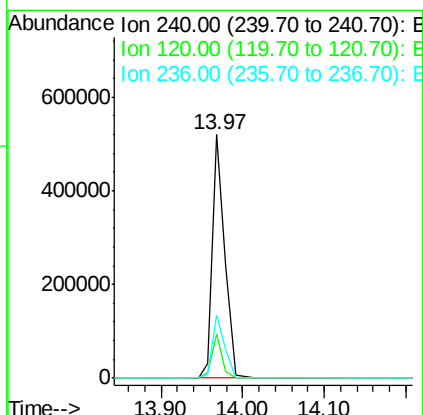
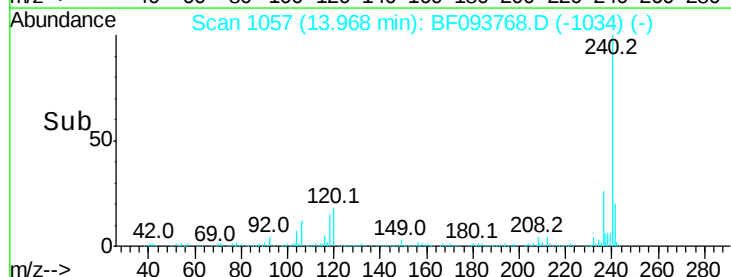
236 26.0 20.5 30.7

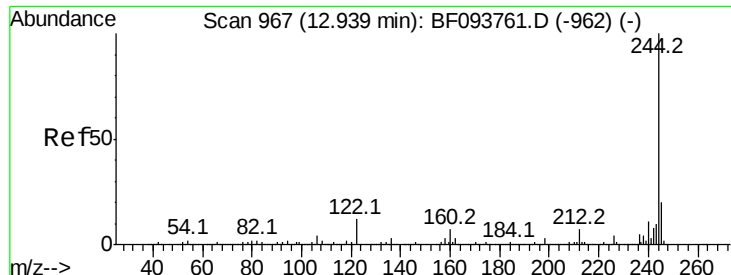


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

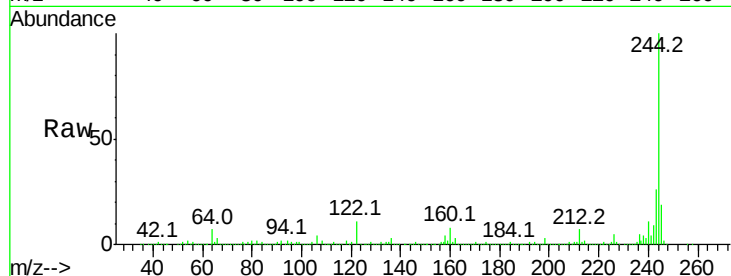




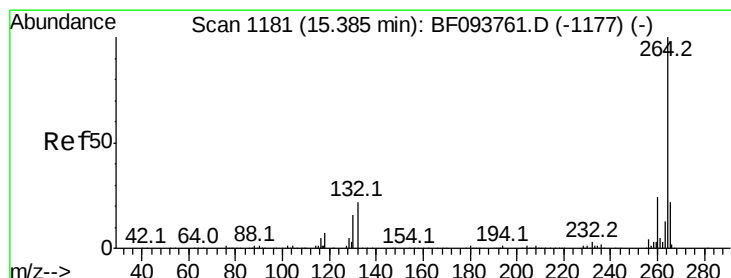
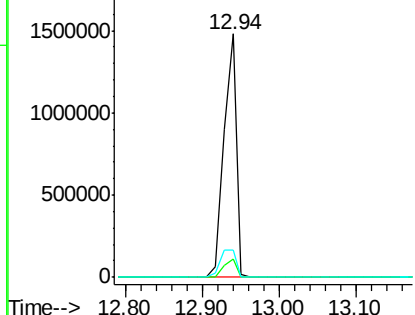
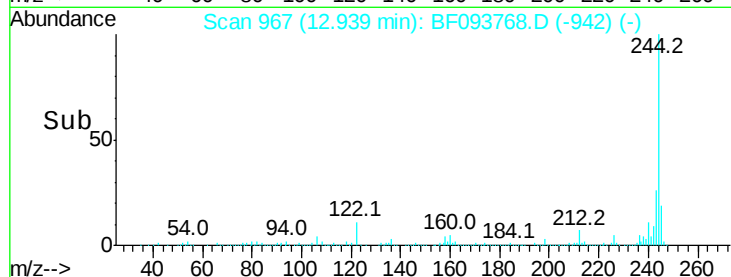
#78
 Terphenyl-d14
 Concen: 62.66 ng
 RT: 12.94 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF093768.D
 Acq: 20 Mar 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 MW-105S

Tot Ion:244 Resp: 1700581
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 11.3 10.3 15.5

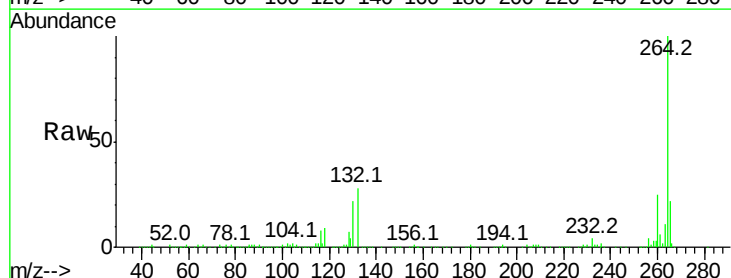


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1180
 Delta R.T. -0.03 min
 Lab File: BF093768.D
 Acq: 20 Mar 2017 17:07

Tgt Ion:264 Resp: 435045
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.5 29.3
 265 21.7 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

