

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 00:52:20 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

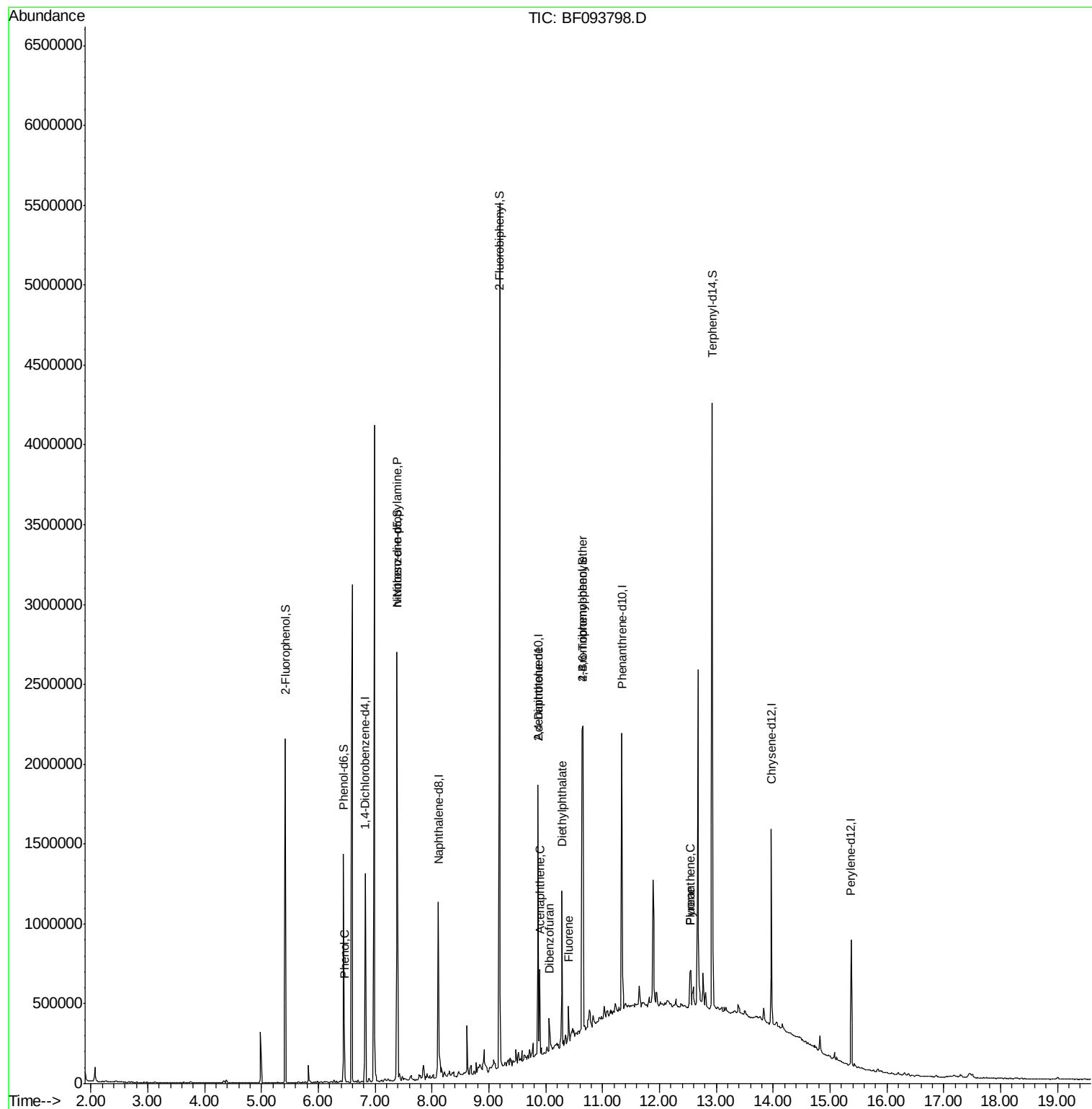
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	179915	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	737207	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	359772	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	587583	20.00	ng	0.00
75) Chrysene-d12	13.97	240	405395	20.00	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						
10) Phenol	6.46	94	62864	4.40	ng	95
19) n-Nitroso-di-n-propylamine	7.38	70	145689	17.49	ng	# 81
51) Acenaphthene	9.90	154	181476	8.33	ng	99
54) Dibenzofuran	10.06	168	102551	3.50	ng	93
56) 2,4-Dinitrotoluene	9.86	165	50014	7.01	ng	# 34
57) Fluorene	10.40	166	52298	2.33	ng	# 97
59) Diethylphthalate	10.29	149	390571	15.65	ng	98
66) 4-Bromophenyl-phenylether	10.65	248	25331	4.48	ng	# 1
74) Fluoranthene	12.55	202	147965	4.60	ng	95
77) Pyrene	12.55	202	147057	4.36	ng	98

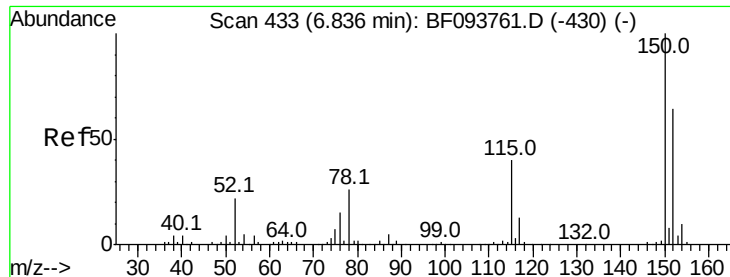
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

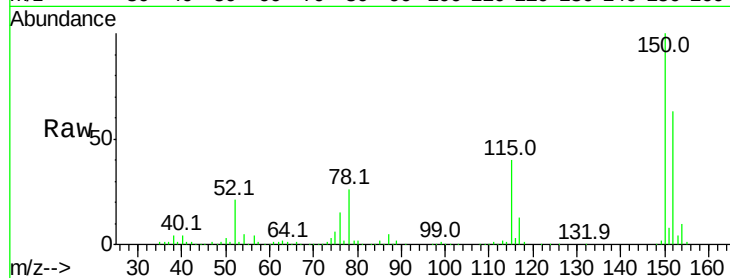
Tot Ion:152 Resp: 179915

Ion Ratio Lower Upper

152 100

150 158.3 126.2 189.2

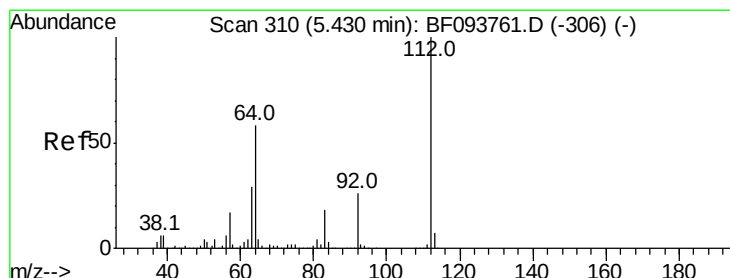
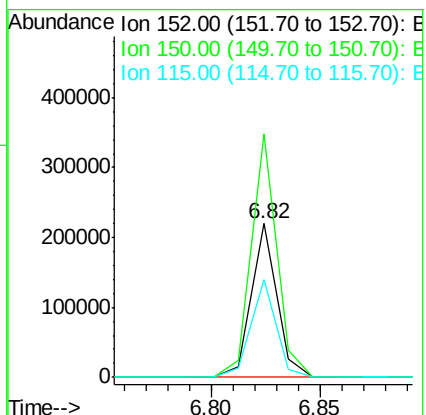
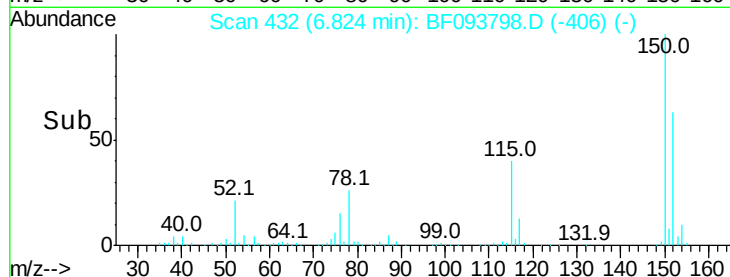
115 63.9 52.2 78.2



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: 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

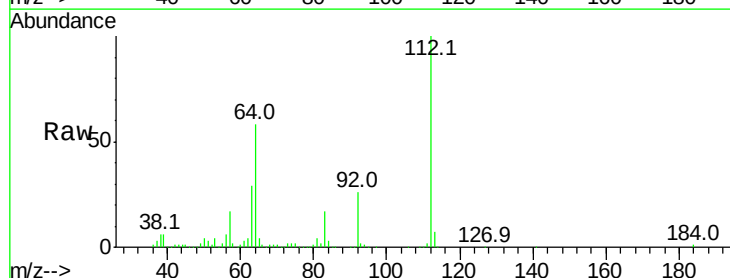
Tgt Ion:112 Resp: 568135

Ion Ratio Lower Upper

112 100

64 58.2 46.0 69.0

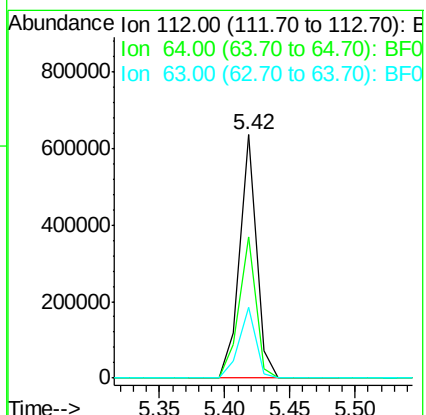
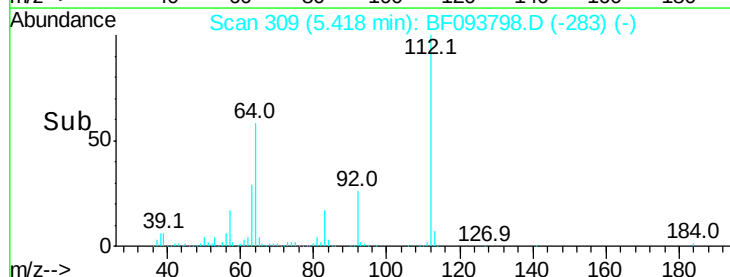
63 28.8 23.4 35.0

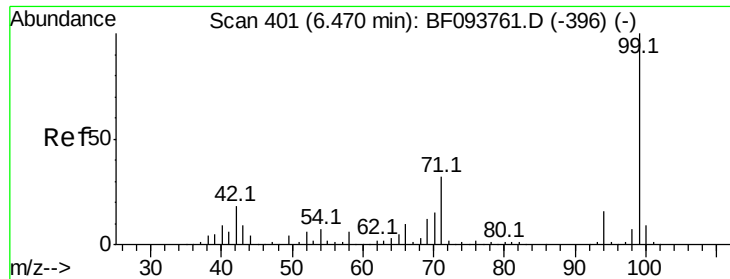


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 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

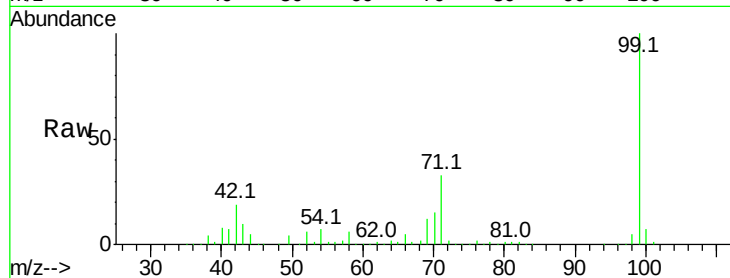
Tot Ion: 99 Resp: 424645

Ion Ratio Lower Upper

99 100

42 19.3 13.5 20.3

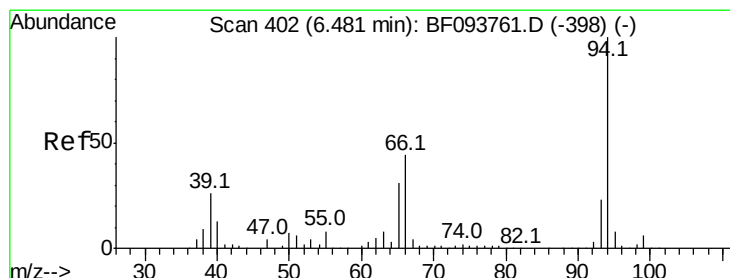
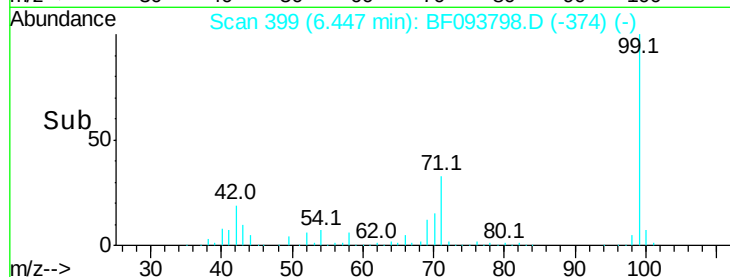
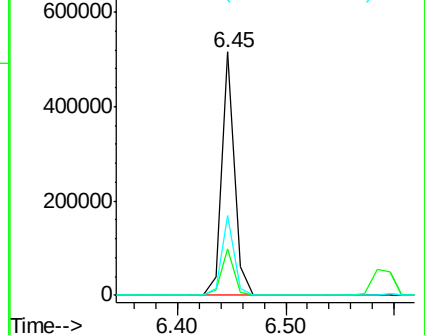
71 32.8 24.5 36.7



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

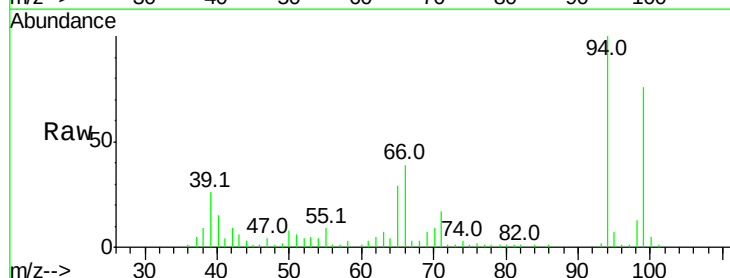
Tgt Ion: 94 Resp: 62864

Ion Ratio Lower Upper

94 100

65 28.9 9.9 49.9

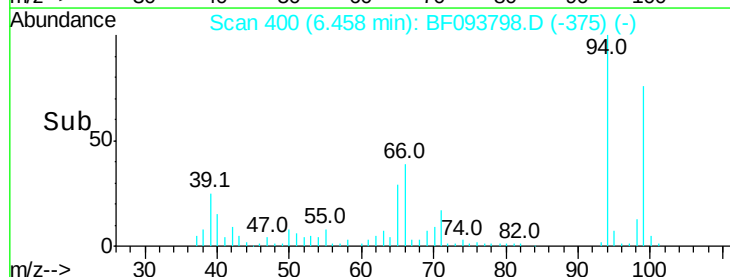
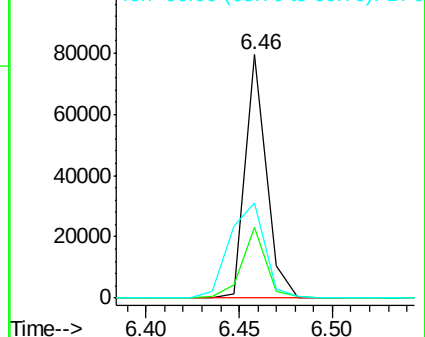
66 39.0 23.1 63.1

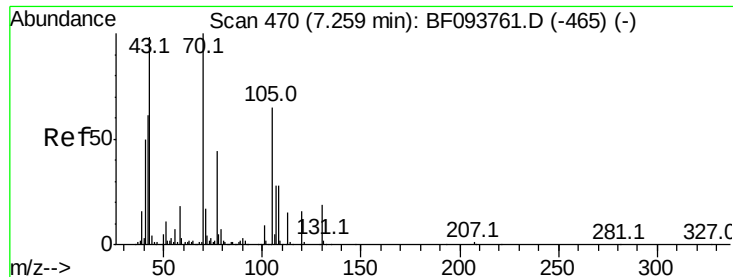


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 17.49 ng

RT: 7.38 min Scan# 481

Delta R.T. 0.14 min

Lab File: BF093798.D

Acq: 21 Mar 2017 15:14

Instrument :

BNA_F

ClientSampleId :

MW-103S

Tot Ion: 70 Resp: 145689

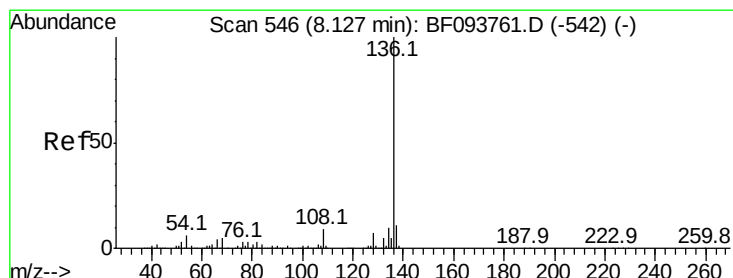
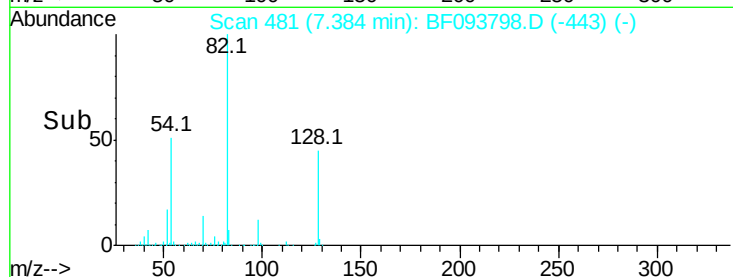
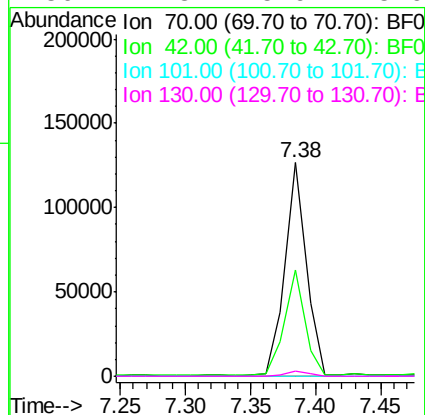
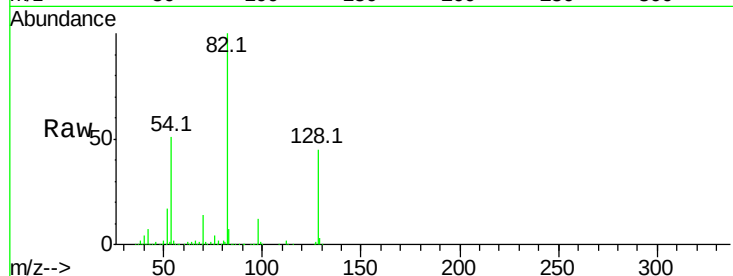
Ion Ratio Lower Upper

70 100

42 49.9 47.2 70.8

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#



#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

Tgt Ion:136 Resp: 737207

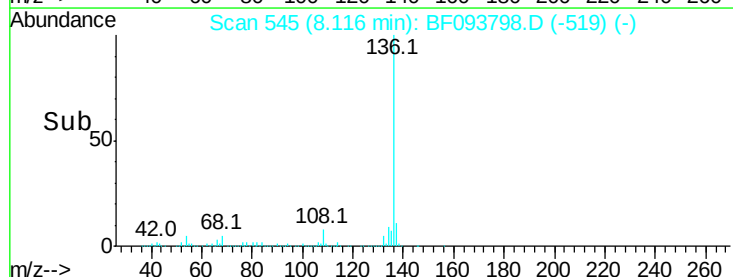
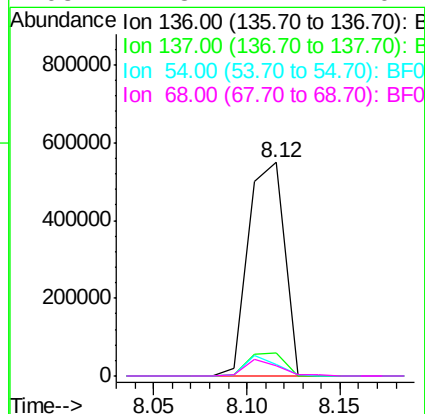
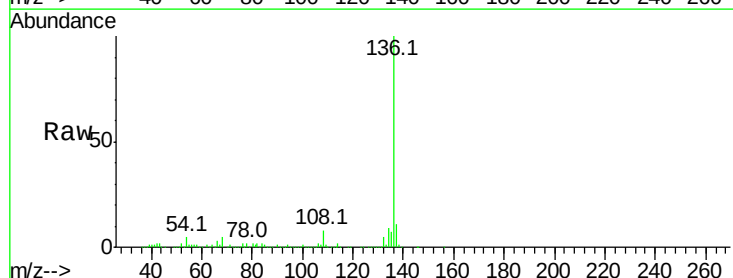
Ion Ratio Lower Upper

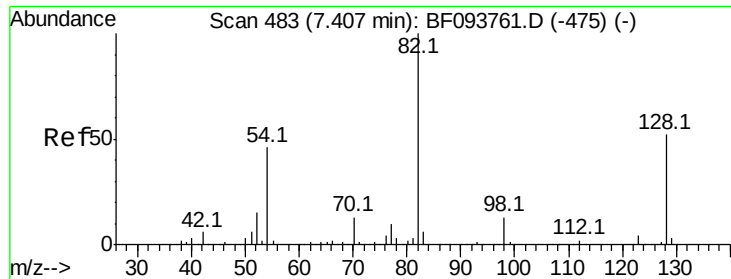
136 100

137 10.6 8.5 12.7

54 5.3 4.9 7.3

68 4.8 4.1 6.1

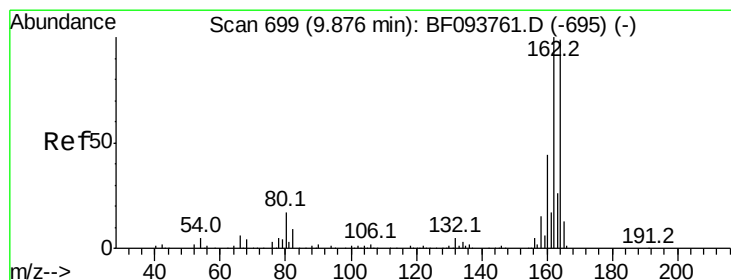
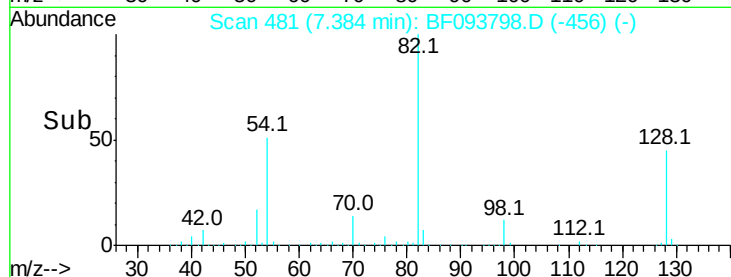
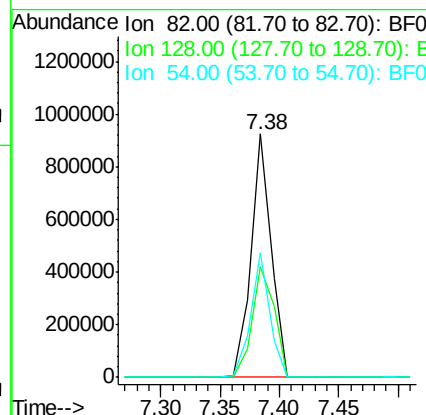
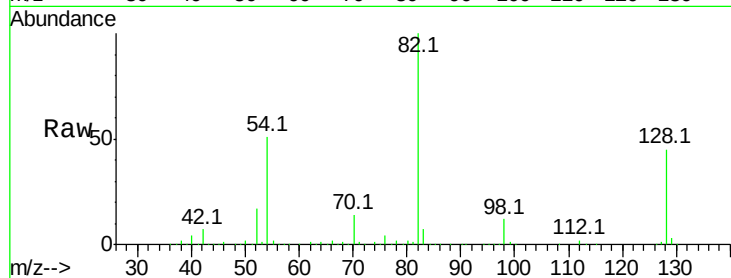




#23
 Nitrobenzene-d5
 Concen: 84.86 ng
 RT: 7.38 min Scan# 481
 Delta R.T. -0.01 min
 Lab File: BF093798.D
 Acq: 21 Mar 2017 15:14

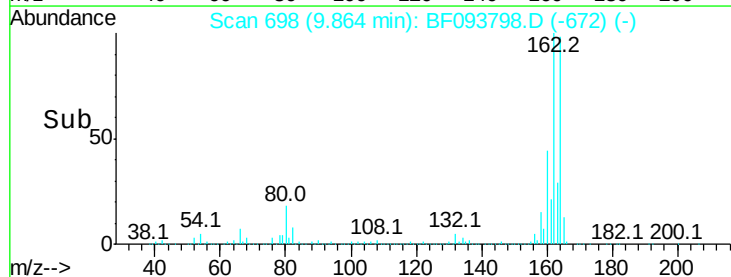
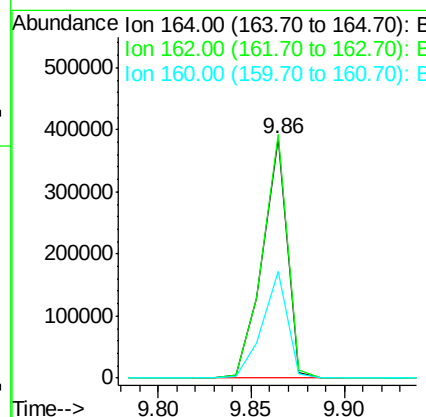
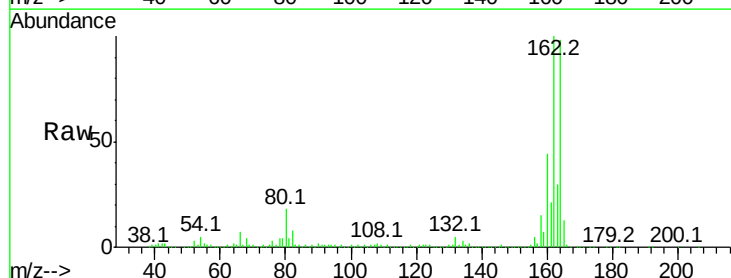
Instrument :
 BNA_F
 ClientSampleId :
 MW-103S

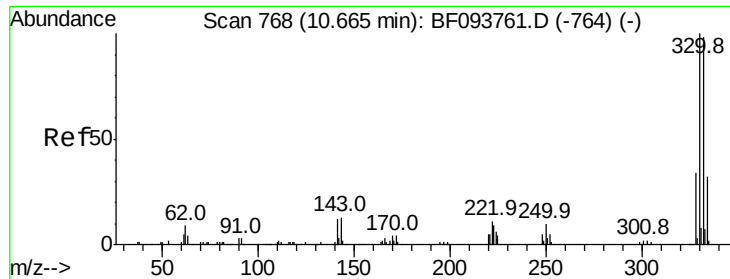
Tot Ion: 82 Resp: 1102831
 Ion Ratio Lower Upper
 82 100
 128 45.2 34.0 51.0
 54 51.1 42.2 63.2



#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

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

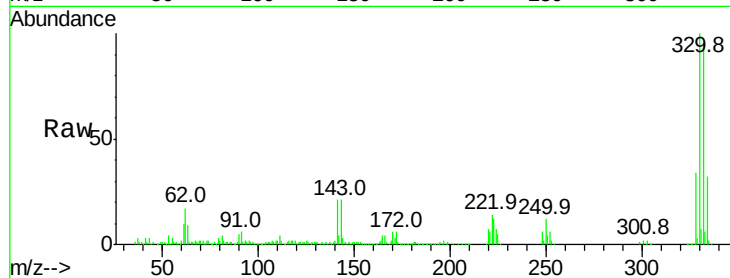




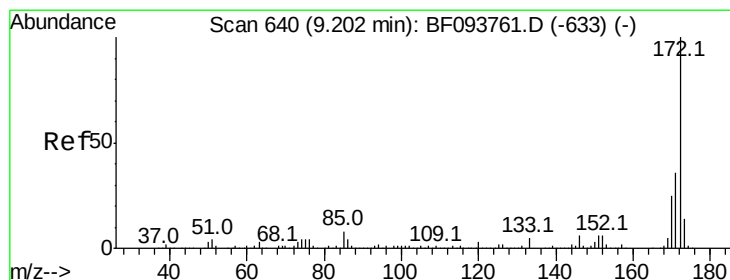
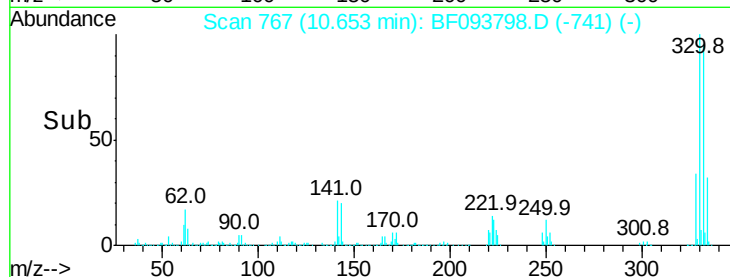
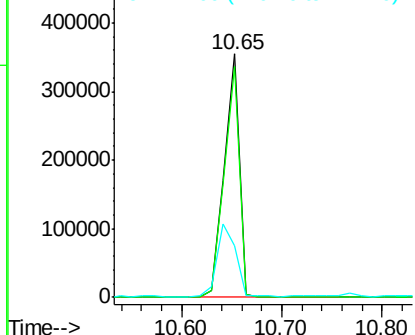
#41
 2,4,6-Tribromophenol
 Concen: 134.07 ng
 RT: 10.65 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BF093798.D
 Acq: 21 Mar 2017 15:14

Instrument :
 BNA_F
 ClientSampleId :
 MW-103S

Tot Ion:330 Resp: 373600
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 115.0
 141 36.1 31.4 47.2

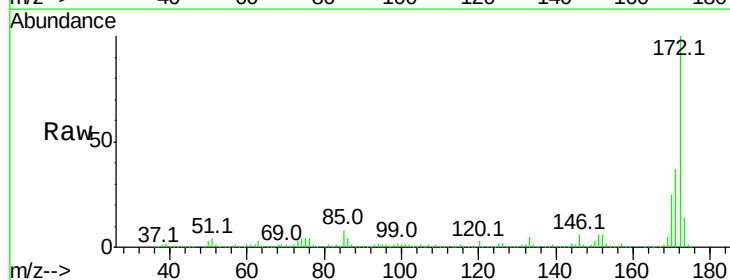


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

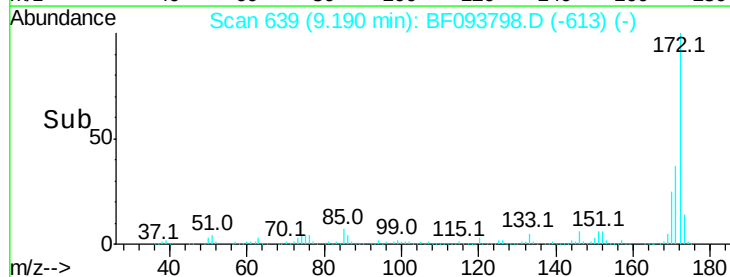
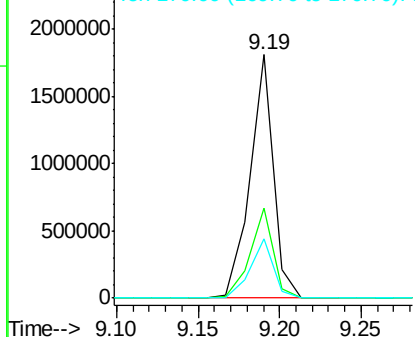


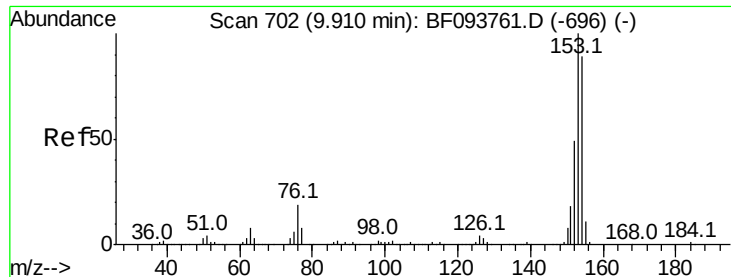
#44
 2-Fluorobiphenyl
 Concen: 83.73 ng
 RT: 9.19 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF093798.D
 Acq: 21 Mar 2017 15:14

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

Instrument :

BNA_F

ClientSampleId :

MW-103S

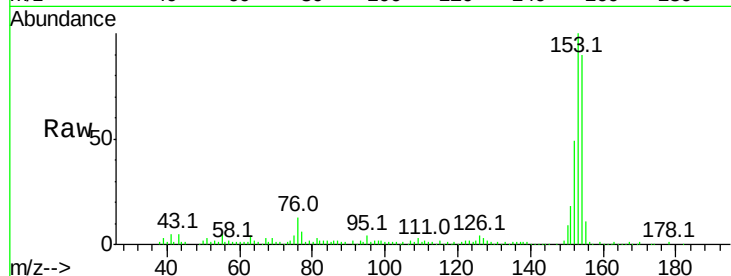
Tot Ion:154 Resp: 181476

Ion Ratio Lower Upper

154 100

153 111.4 90.5 135.7

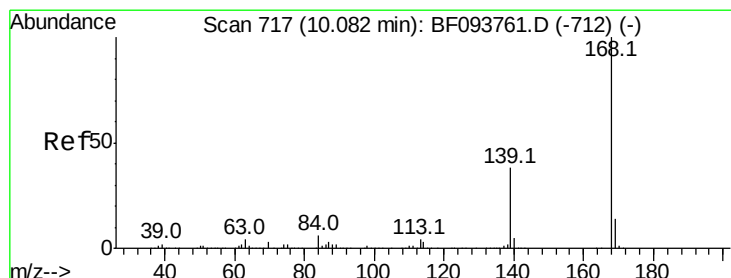
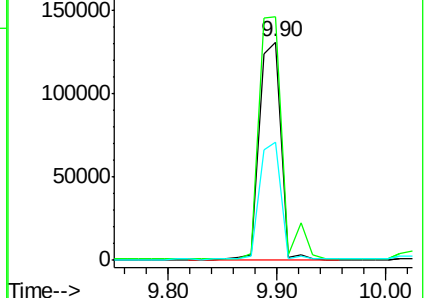
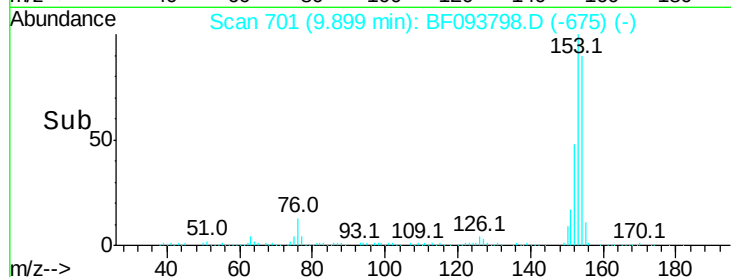
152 54.2 43.6 65.4



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

Dibenzofuran

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

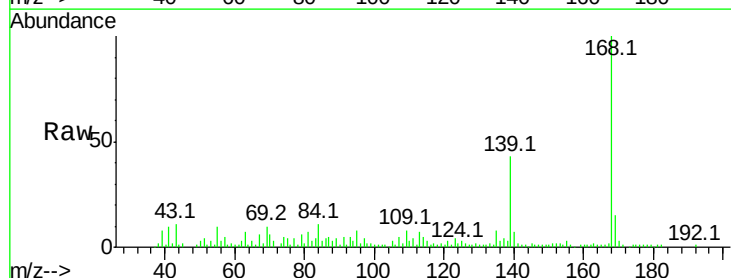
Tgt Ion:168 Resp: 102551

Ion Ratio Lower Upper

168 100

139 43.0 30.6 45.8

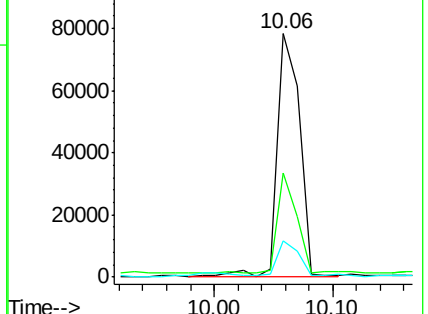
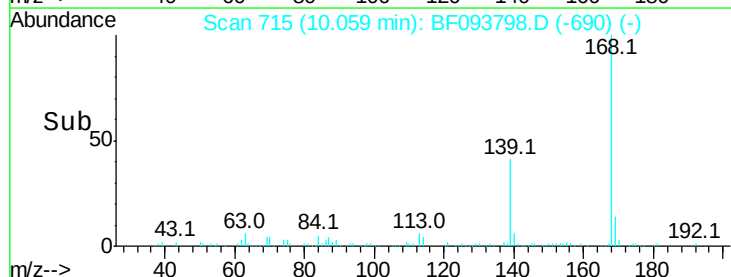
169 14.8 10.8 16.2

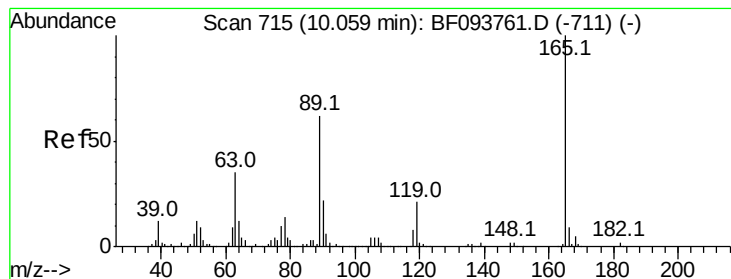


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

2,4-Dinitrotoluene

Concen: 7.01 ng

RT: 9.86 min Scan# 698

Delta R.T. -0.18 min

Lab File: BF093798.D

Acq: 21 Mar 2017 15:14

Instrument :

BNA_F

ClientSampleId :

MW-103S

Tot Ion:165 Resp: 50014

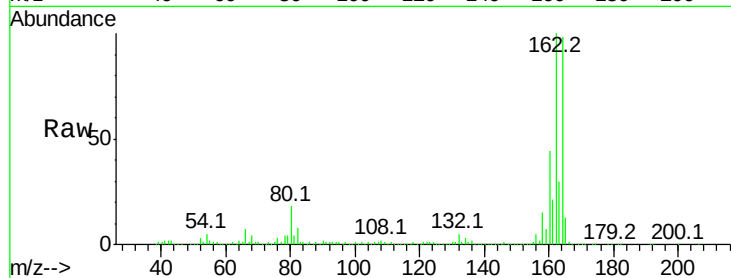
Ion Ratio Lower Upper

165 100

63 2.1 25.4 38.0#

89 2.3 46.4 69.6#

182 0.9 1.8 2.6#

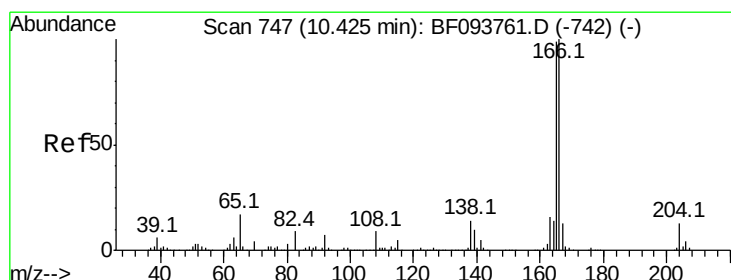
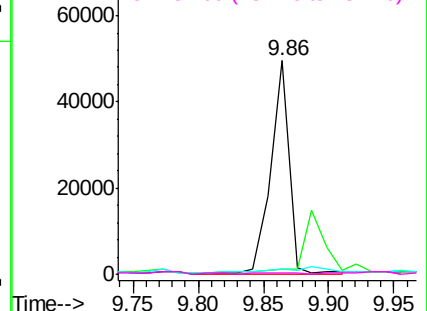
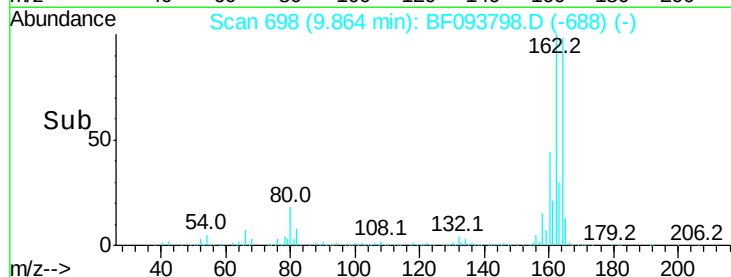


Abundance Ion 165.00 (164.70 to 165.70): E

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



#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

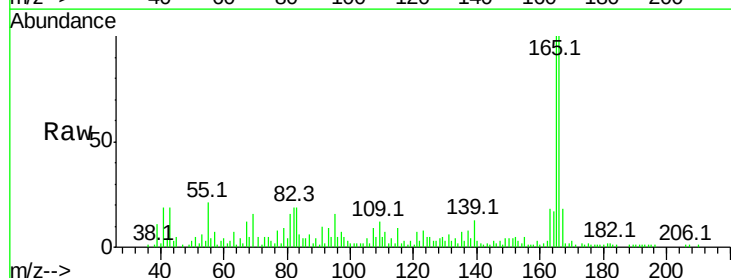
Tgt Ion:166 Resp: 52298

Ion Ratio Lower Upper

166 100

165 100.0 78.8 118.2

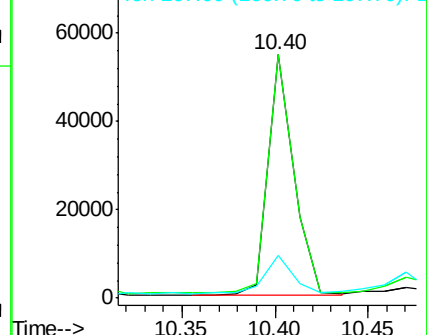
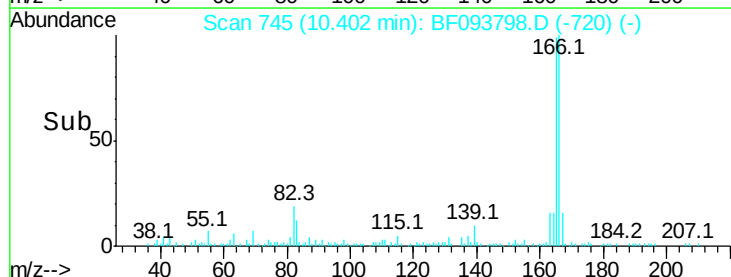
167 17.5 10.6 16.0#

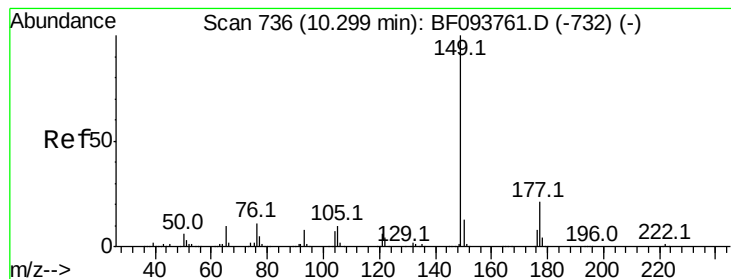


Abundance Ion 166.00 (165.70 to 166.70): E

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

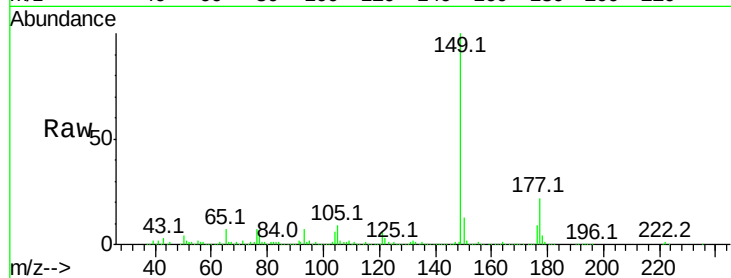
Tot Ion:149 Resp: 390571

Ion Ratio Lower Upper

149 100

177 22.3 16.7 25.1

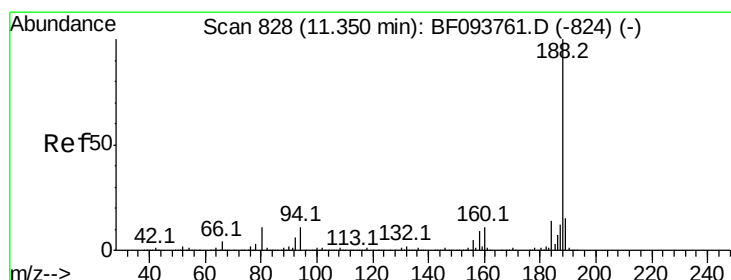
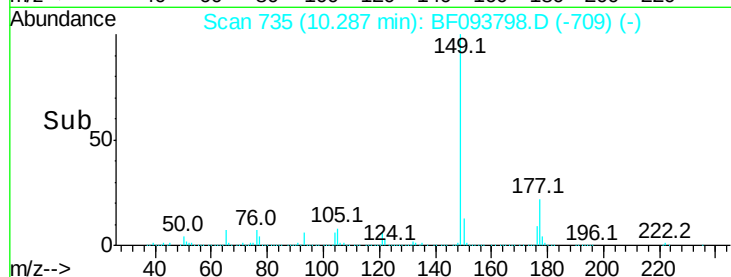
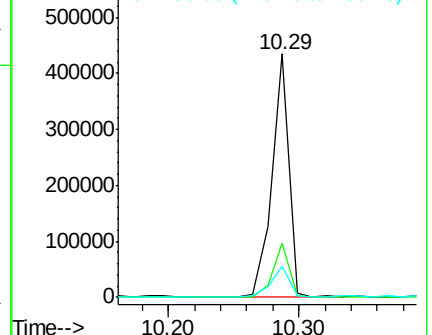
150 12.9 10.2 15.2



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

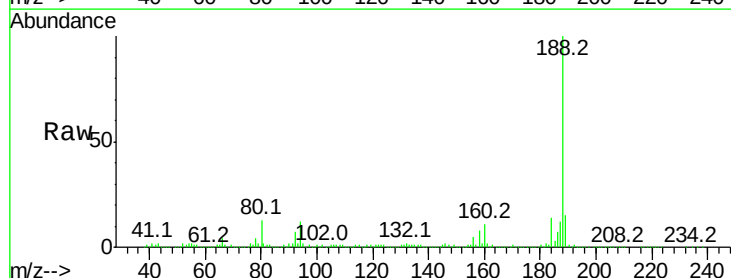
Tgt Ion:188 Resp: 587583

Ion Ratio Lower Upper

188 100

94 12.1 9.4 14.2

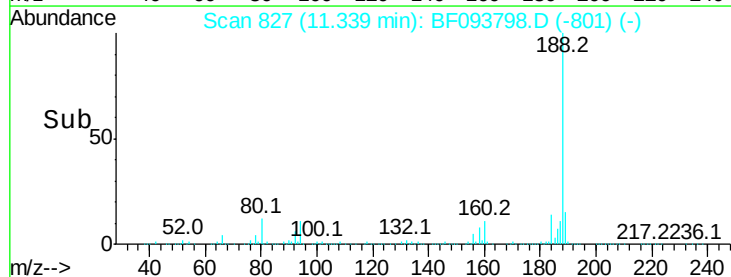
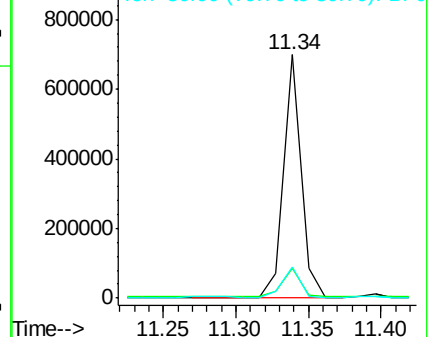
80 12.7 10.2 15.2

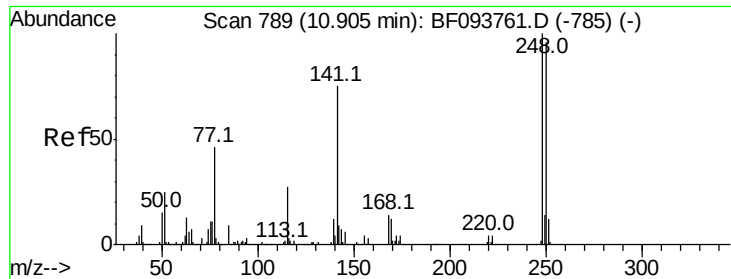


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

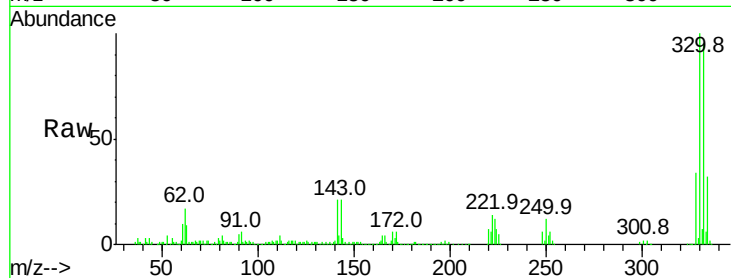




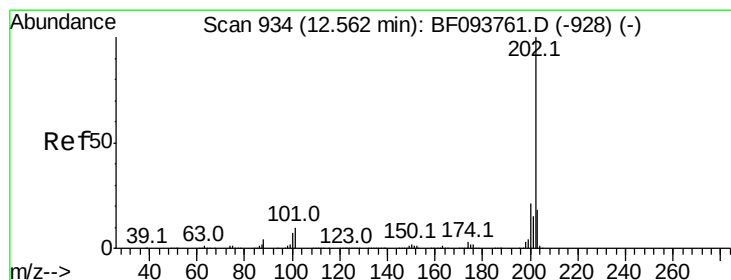
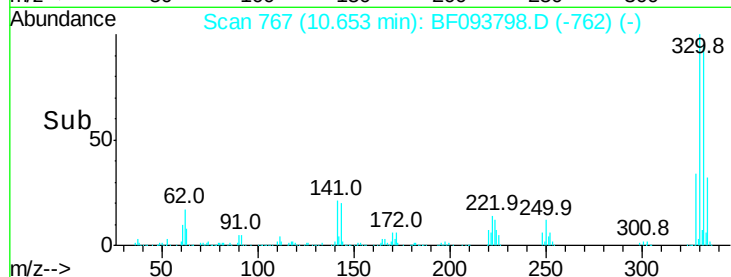
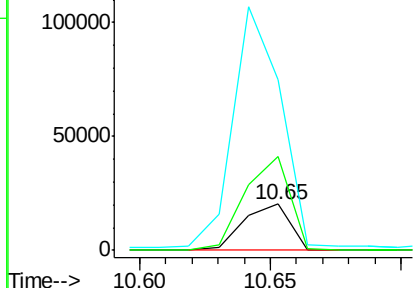
#66
4-Bromophenyl-phenylether
Concen: 4.48 ng
RT: 10.65 min Scan# 767
Delta R.T. -0.24 min
Lab File: BF093798.D
Acq: 21 Mar 2017 15:14

Instrument :
BNA_F
ClientSampleId :
MW-103S

Tot Ion:248 Resp: 25331
Ion Ratio Lower Upper
248 100
250 201.9 76.8 115.2#
141 368.0 68.6 103.0#

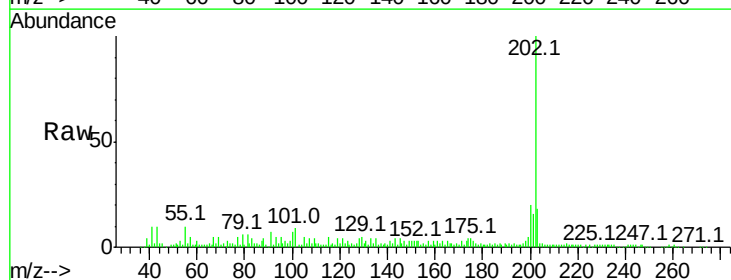


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

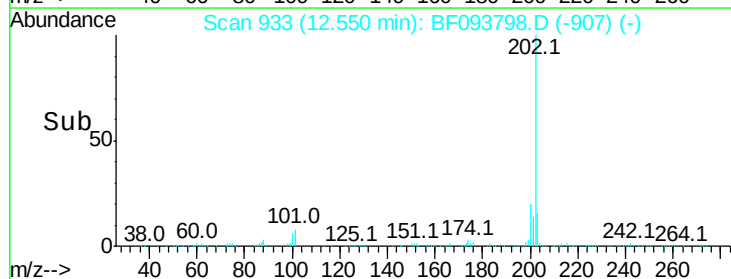
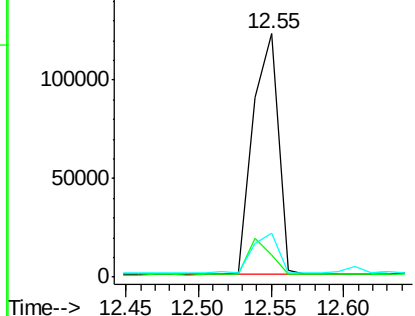


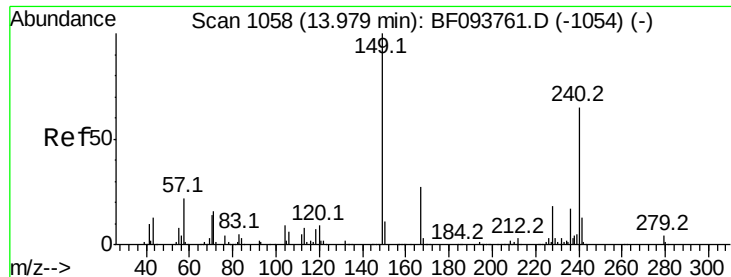
#74
Fluoranthene
Concen: 4.60 ng
RT: 12.55 min Scan# 933
Delta R.T. -0.00 min
Lab File: BF093798.D
Acq: 21 Mar 2017 15:14

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

Instrument :

BNA_F

ClientSampleId :

MW-103S

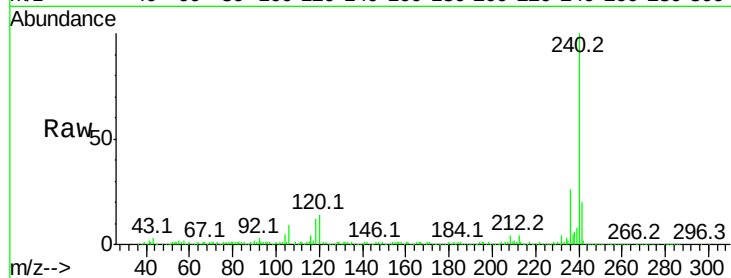
Tot Ion:240 Resp: 405395

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

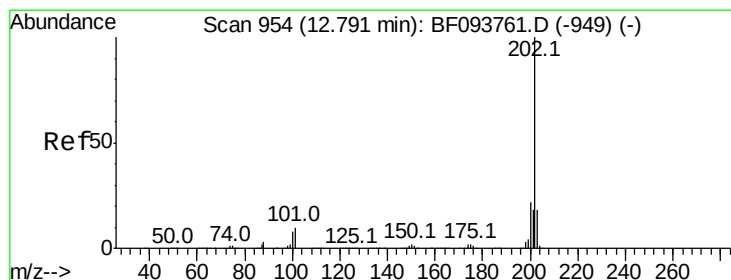
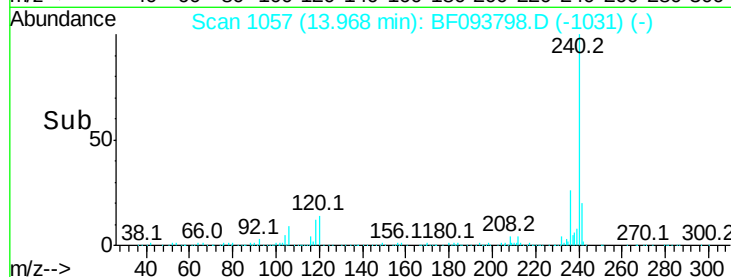
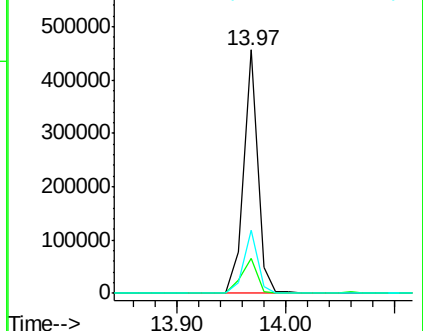
236 25.8 20.5 30.7



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: 4.36 ng

RT: 12.55 min Scan# 933

Delta R.T. -0.23 min

Lab File: BF093798.D

Acq: 21 Mar 2017 15:14

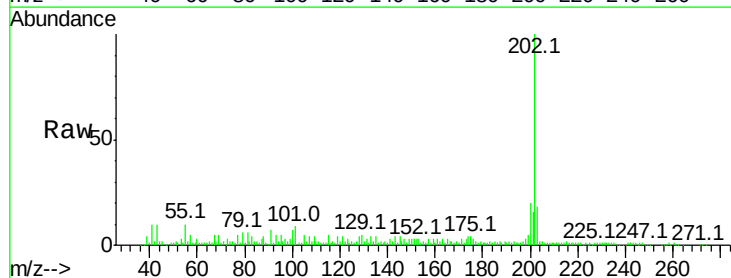
Tgt Ion:202 Resp: 147057

Ion Ratio Lower Upper

202 100

200 20.4 17.6 26.4

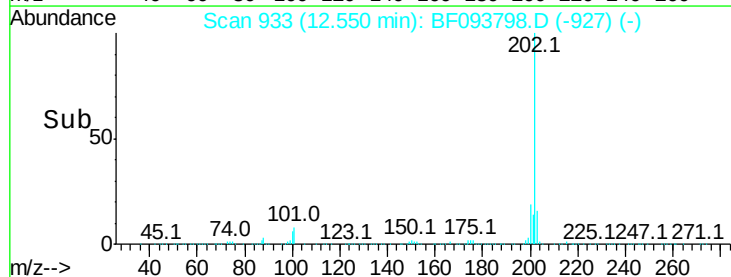
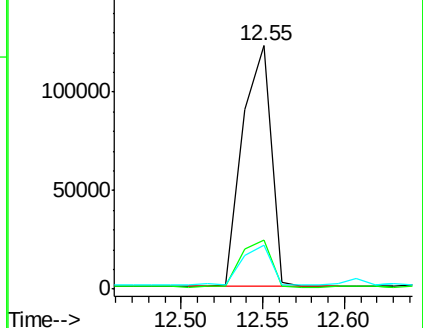
203 17.8 14.4 21.6

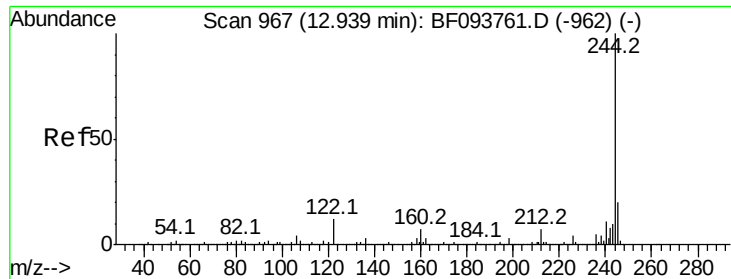


Abundance Ion 202.00 (201.70 to 202.70): E

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

Instrument :

BNA_F

ClientSampleId :

MW-103S

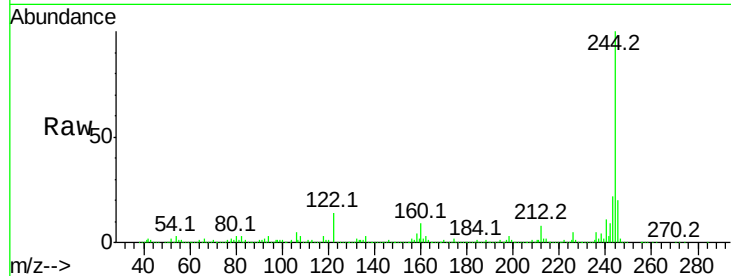
Tot Ion:244 Resp: 1206012

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

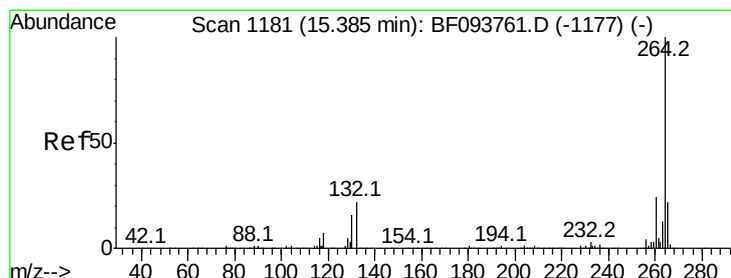
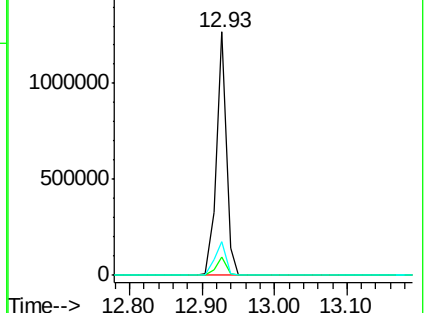
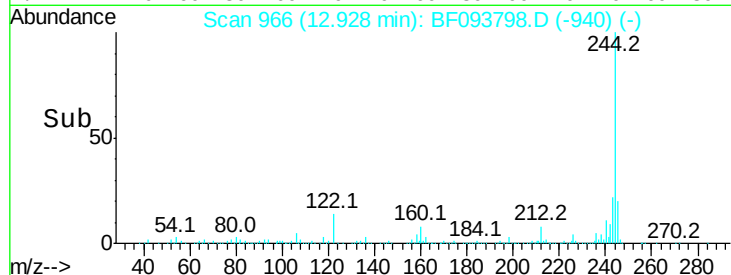
122 14.1 10.3 15.5



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

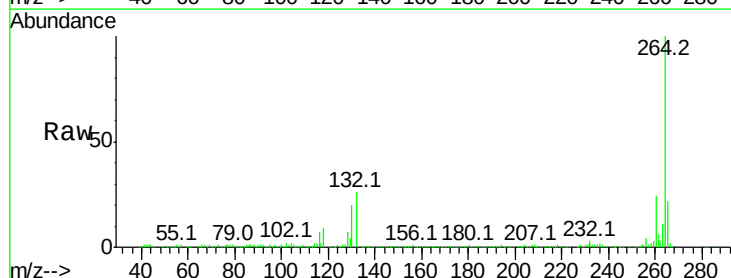
Tgt Ion:264 Resp: 318479

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

