

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 00:52:36 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

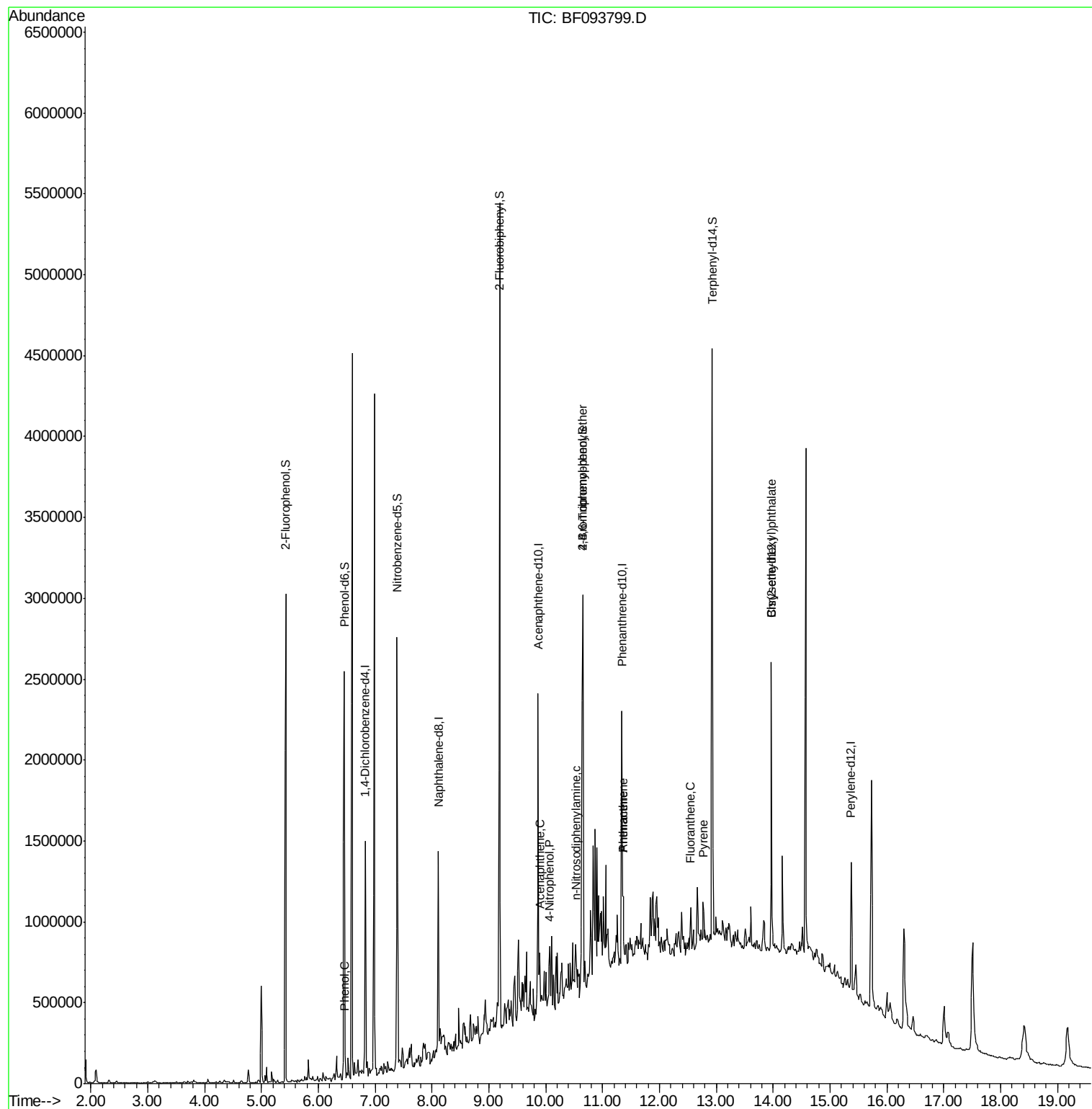
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.47	94	50391	3.12	ng	80
51) Acenaphthene	9.90	154	105120	4.52	ng	99
55) 4-Nitrophenol	10.06	139	11992	2.22	ng	75
65) n-Nitrosodiphenylamine	10.53	169	59959	3.01	ng	# 51
66) 4-Bromophenyl-phenylether	10.65	248	26151	4.55	ng	# 1
70) Phenanthrene	11.36	178	167054	5.25	ng	99
71) Anthracene	11.36	178	167054	5.10	ng	99
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

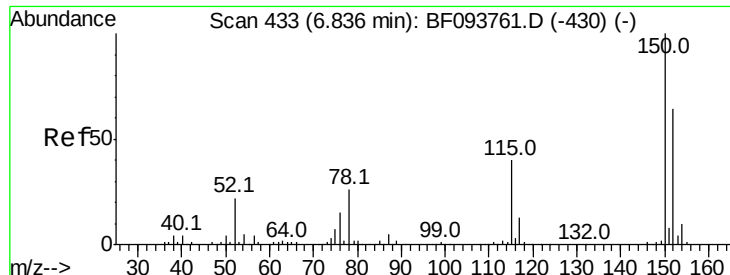
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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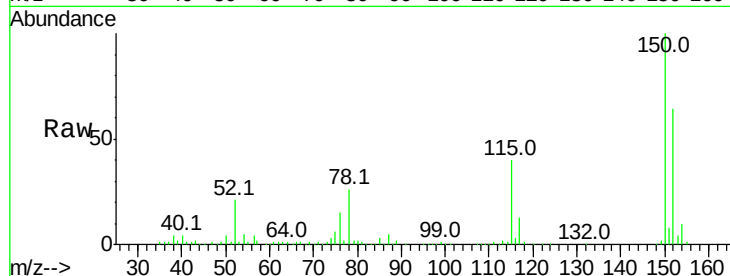


#1

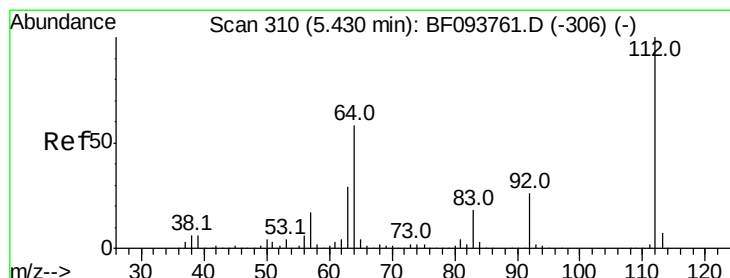
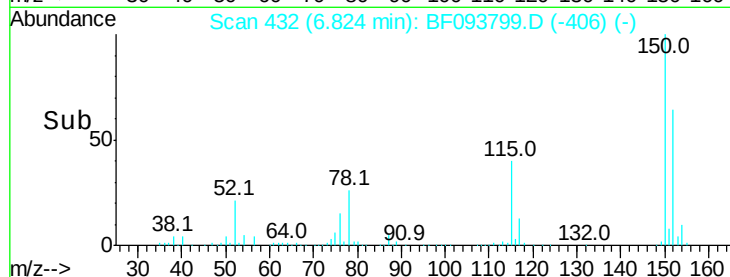
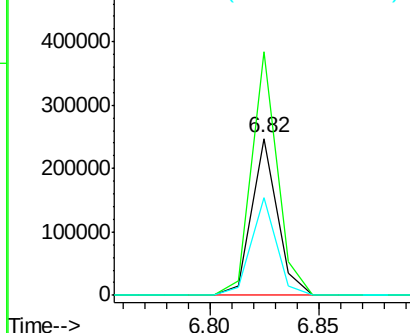
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF093799.D
Acq: 21 Mar 2017 15:41

Instrument :
BNA_F
ClientSampleId :
MW-104S

Tot Ion:152 Resp: 203419
Ion Ratio Lower Upper
152 100
150 155.3 126.2 189.2
115 62.1 52.2 78.2



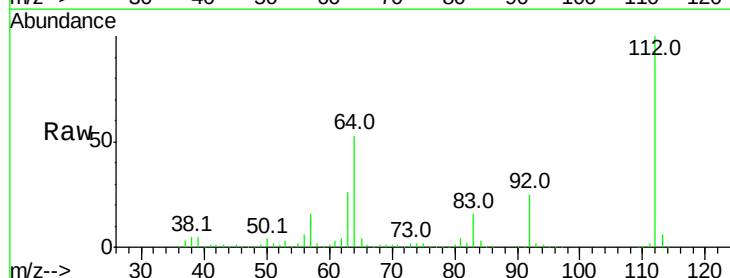
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



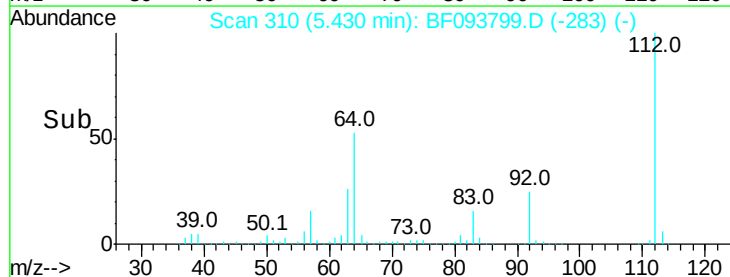
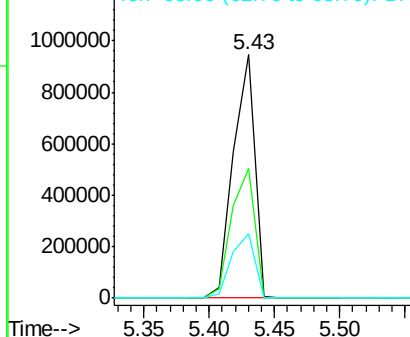
#5

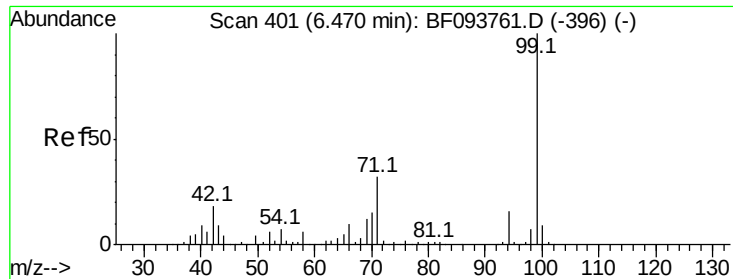
2-Fluorophenol
Concen: 92.41 ng
RT: 5.43 min Scan# 310
Delta R.T. 0.01 min
Lab File: BF093799.D
Acq: 21 Mar 2017 15:41

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

ClientSampled :

MW-104S

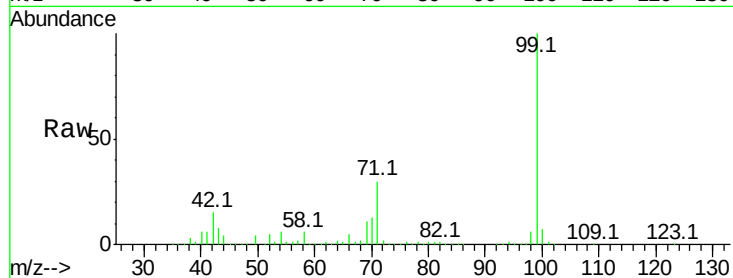
Tot Ion: 99 Resp: 1048337

Ion Ratio Lower Upper

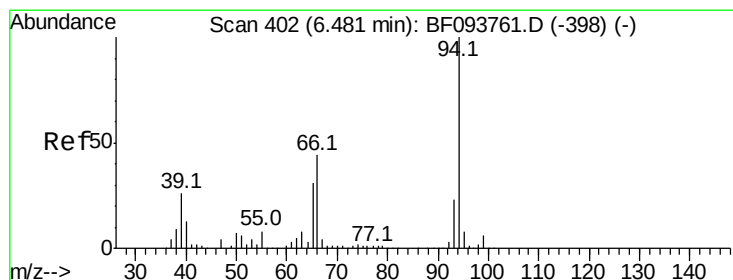
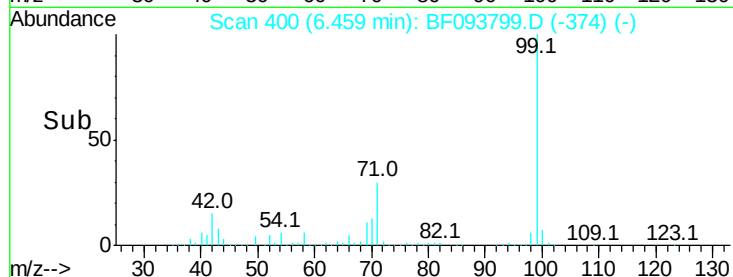
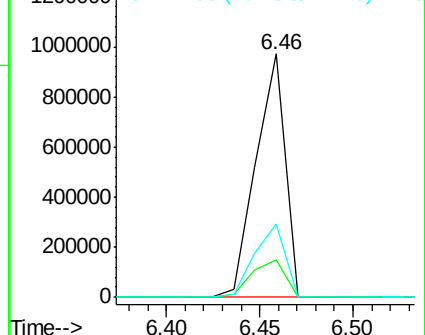
99 100

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

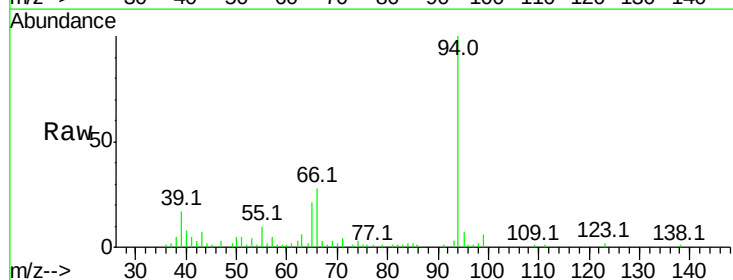
Tgt Ion: 94 Resp: 50391

Ion Ratio Lower Upper

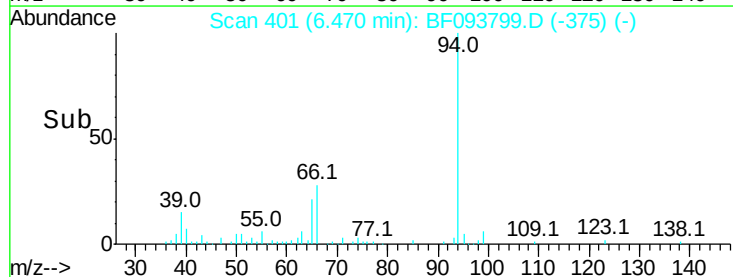
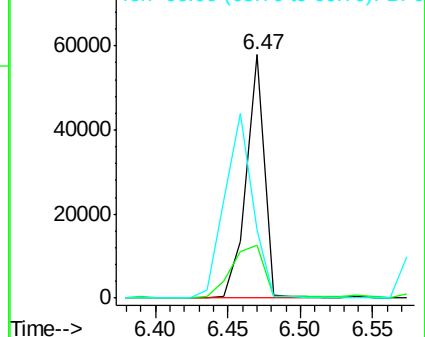
94 100

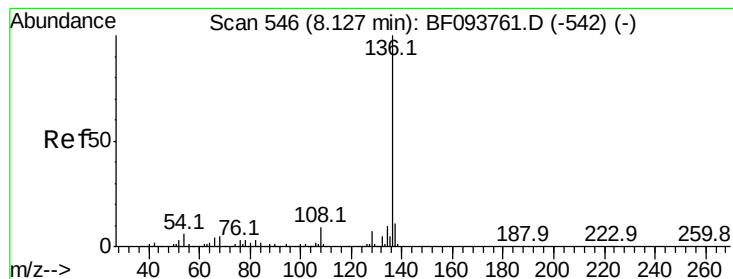
65 21.5 9.9 49.9

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

Tot Ion:136 Resp: 824251

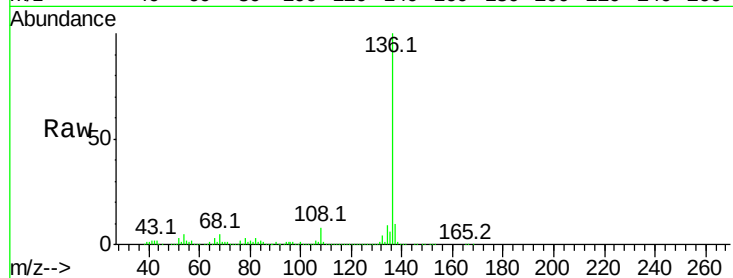
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 5.4 4.9 7.3

68 4.8 4.1 6.1

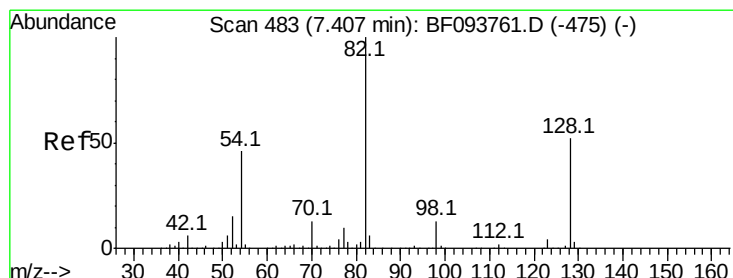
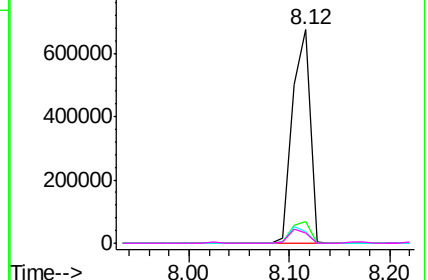
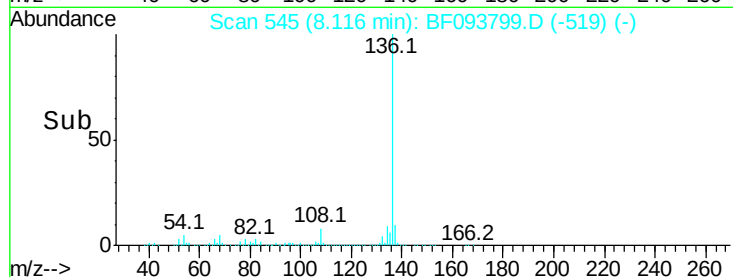


Abundance Ion 136.00 (135.70 to 136.70): E

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

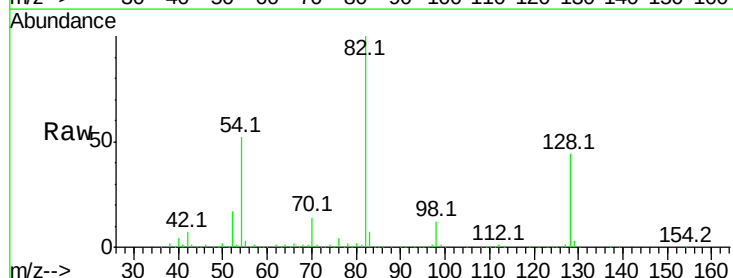
Tgt Ion: 82 Resp: 1100277

Ion Ratio Lower Upper

82 100

128 44.3 34.0 51.0

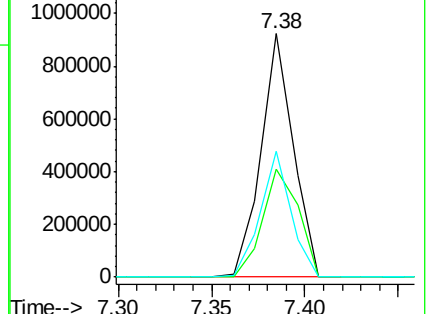
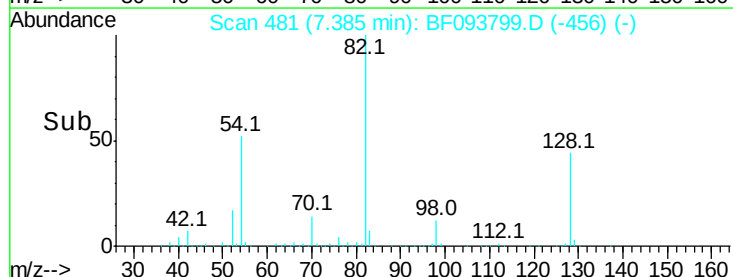
54 51.5 42.2 63.2

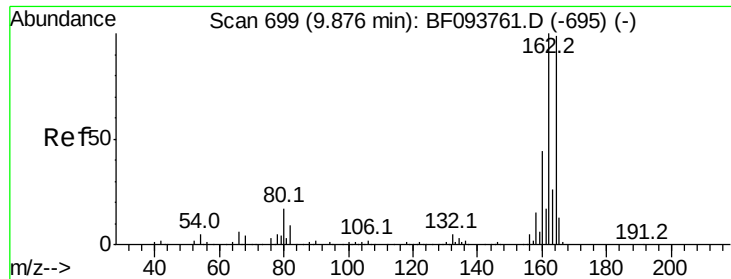


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

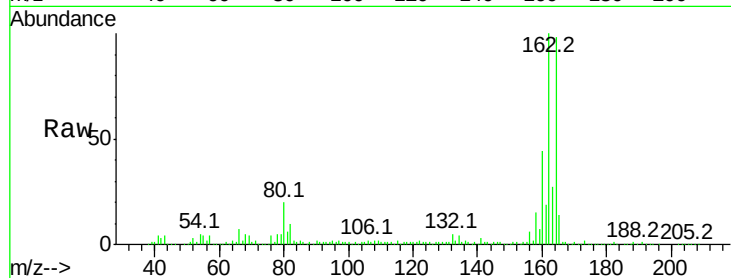




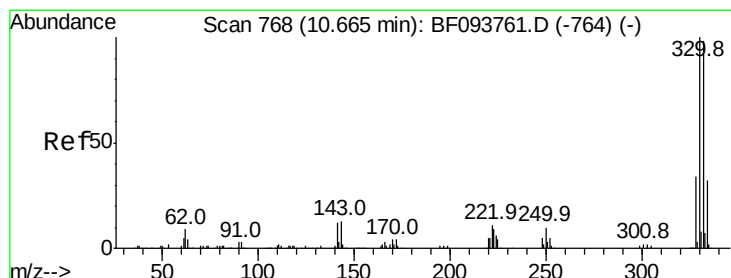
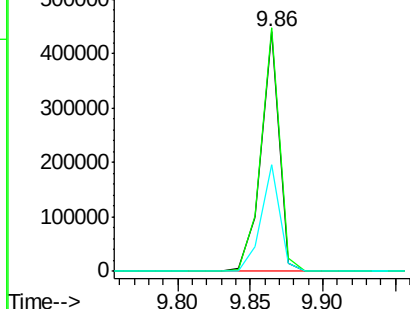
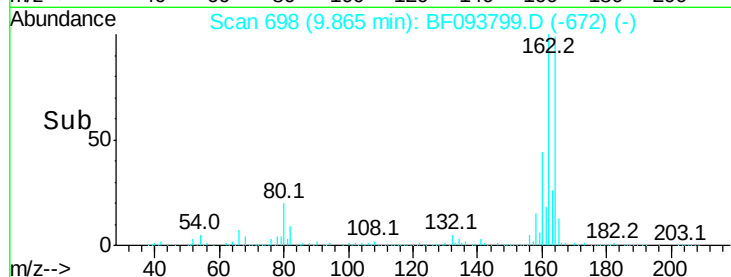
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 698
 Delta R.T. -0.00 min
 Lab File: BF093799.D
 Acq: 21 Mar 2017 15:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-104S

Tot Ion:164 Resp: 384095
 Ion Ratio Lower Upper
 164 100
 162 101.6 82.6 123.8
 160 44.7 36.2 54.2

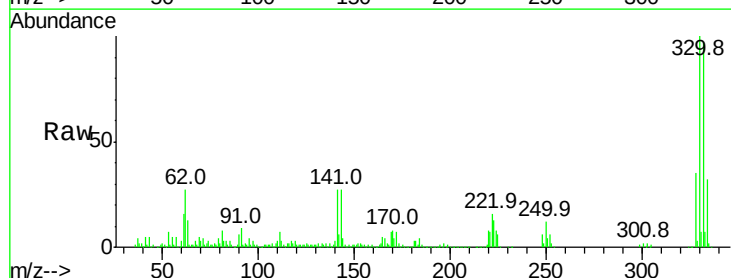


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

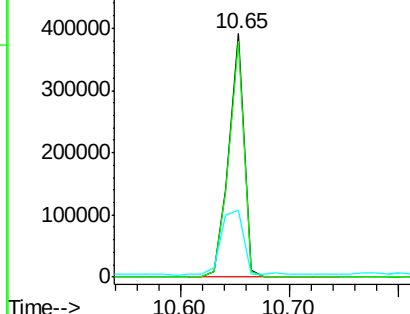
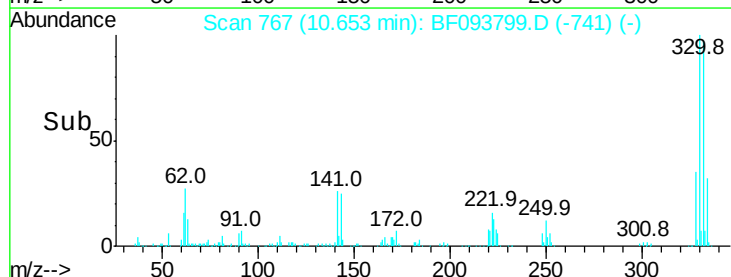


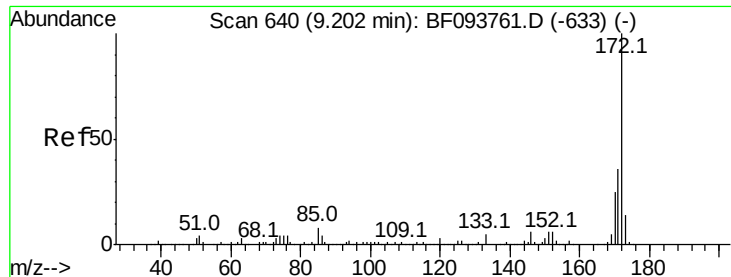
#41
 2,4,6-Tribromophenol
 Concen: 127.85 ng
 RT: 10.65 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BF093799.D
 Acq: 21 Mar 2017 15:41

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

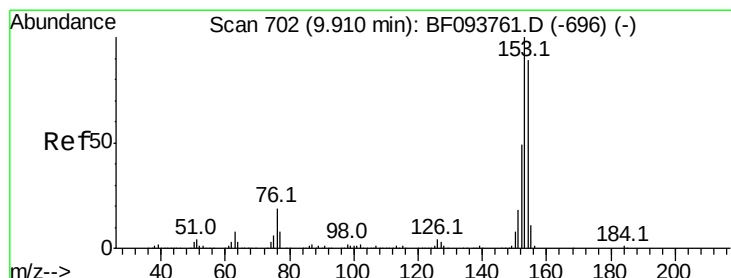
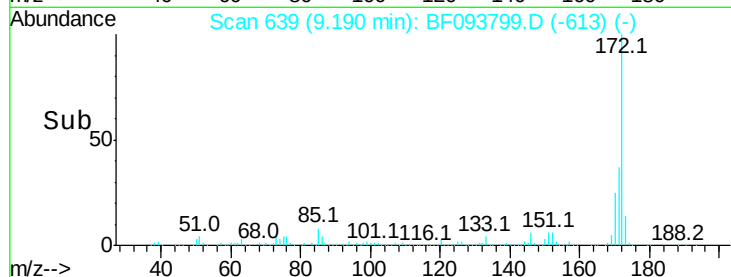
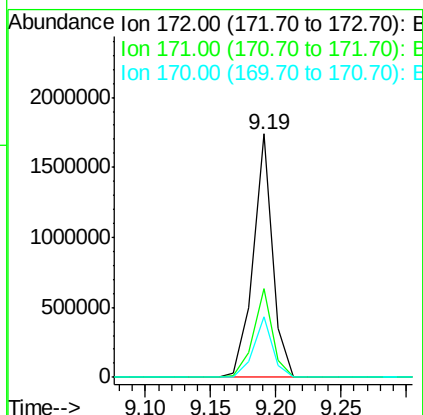
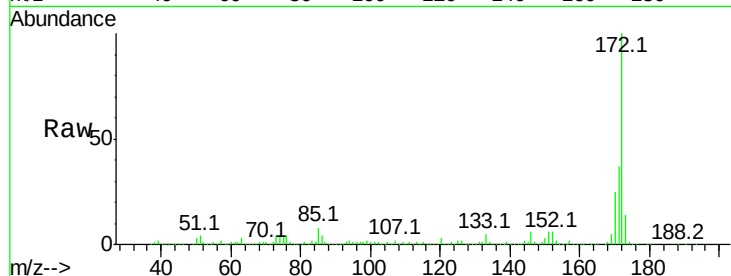




#44
2-Fluorobiphenyl
Concen: 78.66 ng
RT: 9.19 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF093799.D
Acq: 21 Mar 2017 15:41

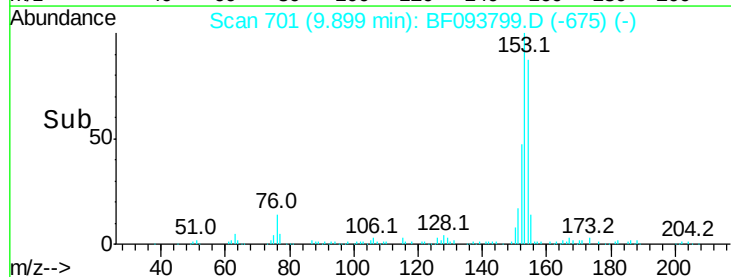
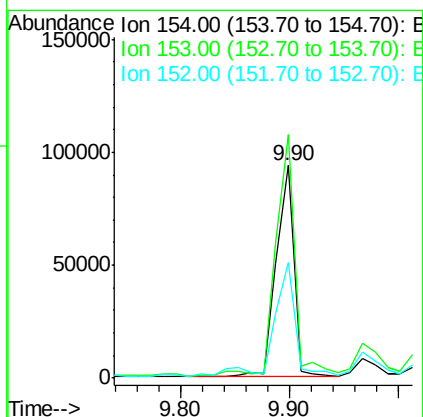
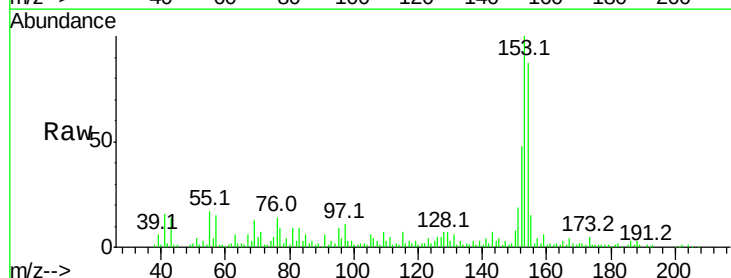
Instrument :
BNA_F
ClientSampleId :
MW-104S

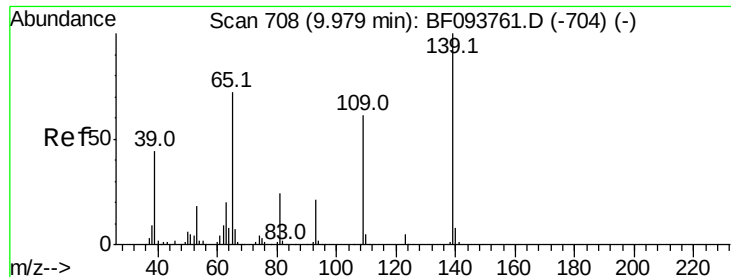
Tot Ion:172 Resp: 1796738
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.7 19.8 29.8



#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

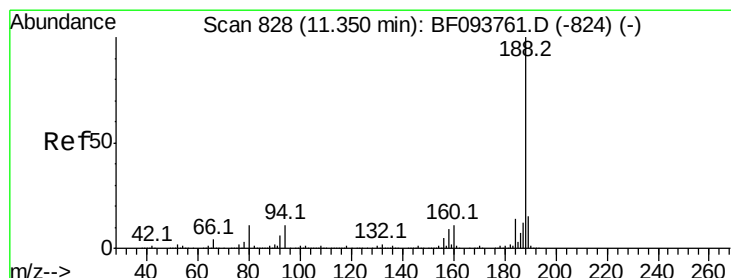
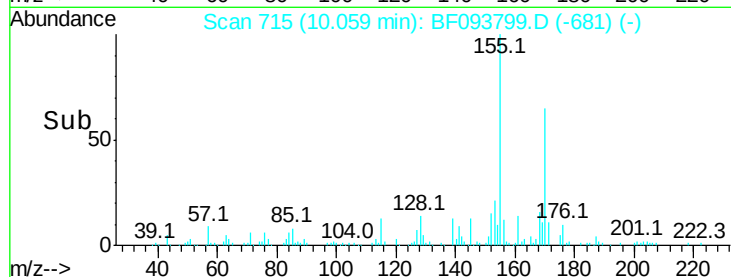
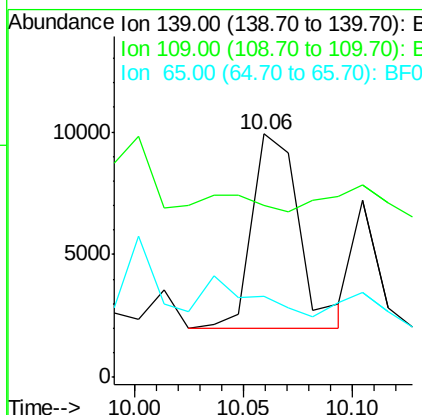
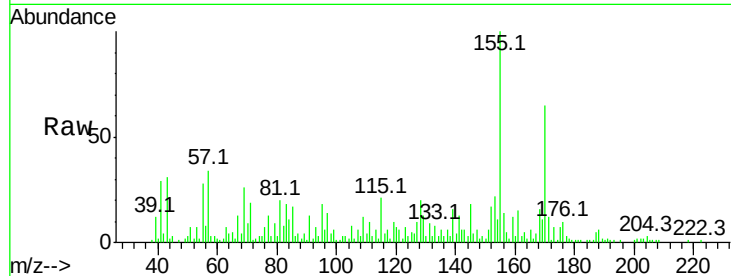




#55
4-Nitrophenol
Concen: 2.22 ng
RT: 10.06 min Scan# 715
Delta R.T. 0.09 min
Lab File: BF093799.D
Acq: 21 Mar 2017 15:41

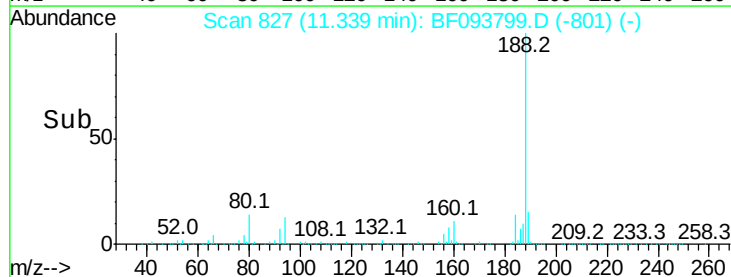
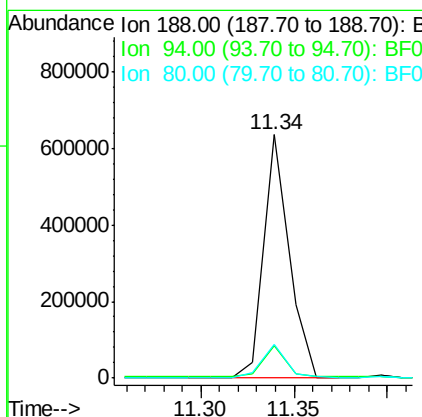
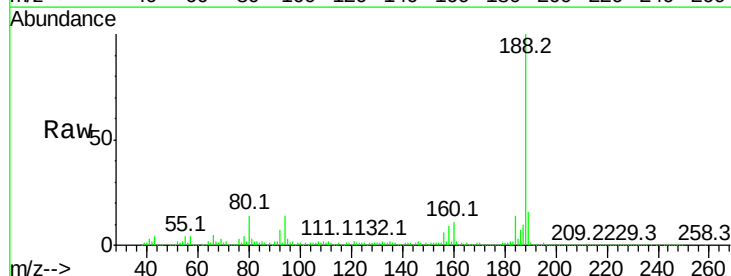
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BNA_F
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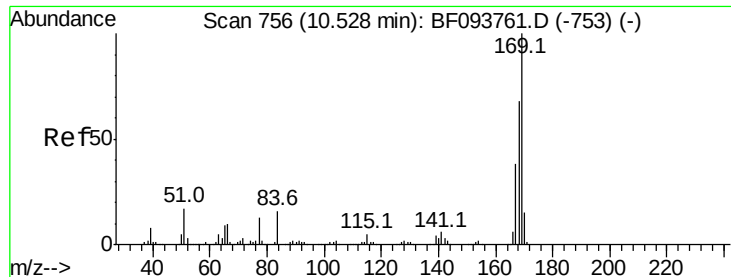
Tot Ion:139 Resp: 11992
Ion Ratio Lower Upper
139 100
109 70.7 34.1 74.1
65 33.2 31.4 71.4



#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

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





#65

n-Nitrosodiphenylamine

Concen: 3.01 ng

RT: 10.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF093799.D

Acq: 21 Mar 2017 15:41

Instrument :

BNA_F

ClientSampleId :

MW-104S

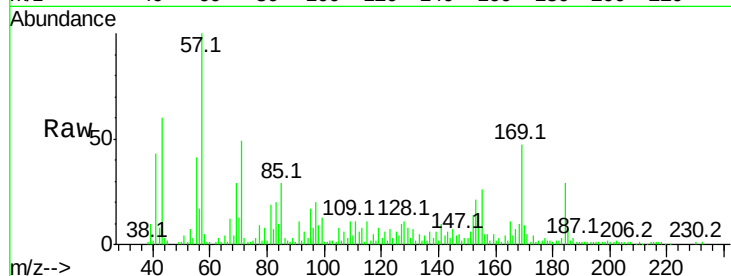
Tot Ion:169 Resp: 59959

Ion Ratio Lower Upper

169 100

168 21.7 53.2 79.8#

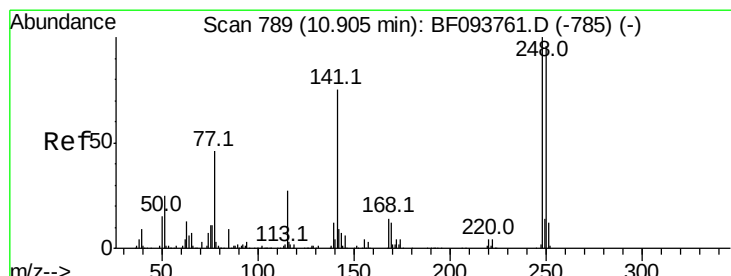
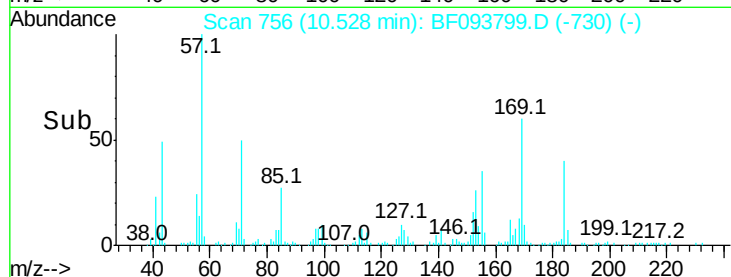
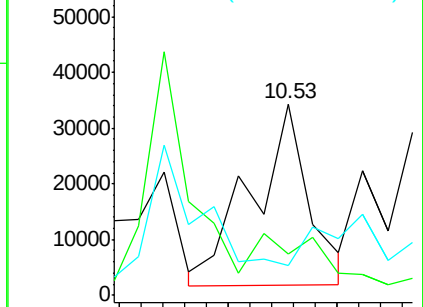
167 15.5 29.5 44.3#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 4.55 ng

RT: 10.65 min Scan# 767

Delta R.T. -0.24 min

Lab File: BF093799.D

Acq: 21 Mar 2017 15:41

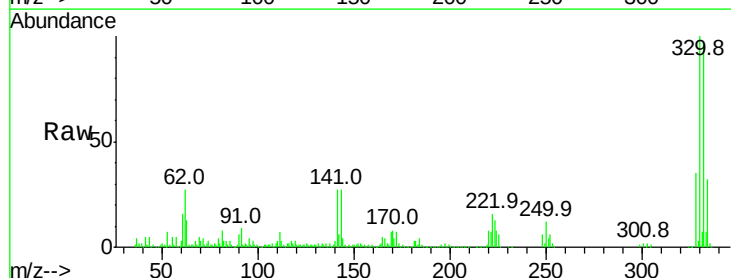
Tgt Ion:248 Resp: 26151

Ion Ratio Lower Upper

248 100

250 201.0 76.8 115.2#

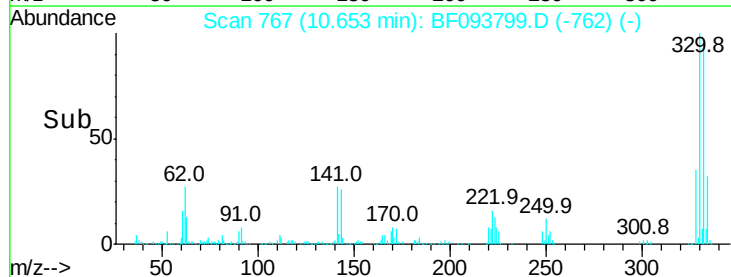
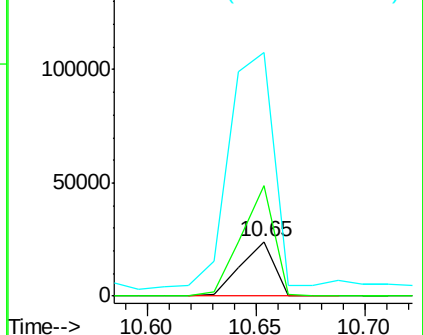
141 445.3 68.6 103.0#

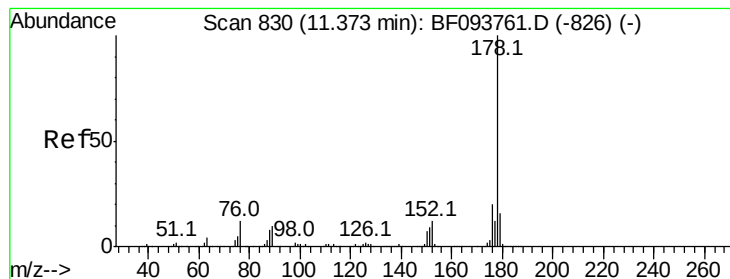


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#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

Instrument :

BNA_F

ClientSampleId :

MW-104S

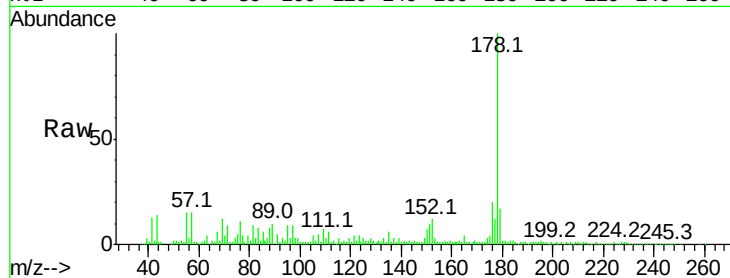
Tot Ion:178 Resp: 167054

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

250000

200000

150000

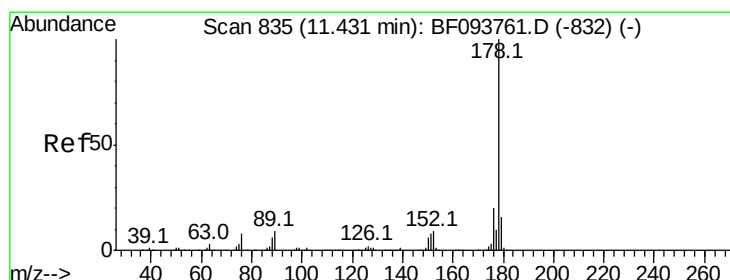
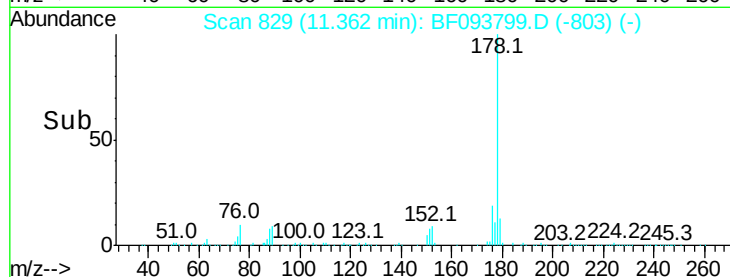
100000

50000

0

11.30 11.35 11.40

Time-->



#71

Anthracene

Concen: 5.10 ng

RT: 11.36 min Scan# 829

Delta R.T. -0.06 min

Lab File: BF093799.D

Acq: 21 Mar 2017 15:41

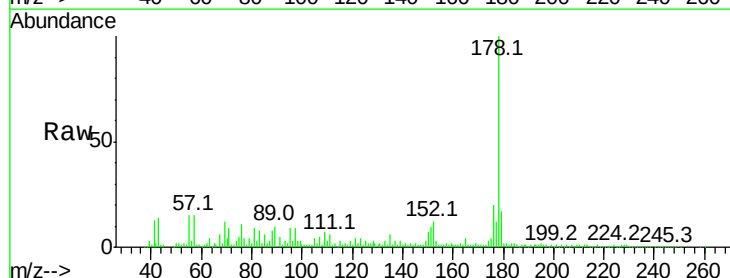
Tgt Ion:178 Resp: 167054

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.8

179 16.7 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

250000

200000

150000

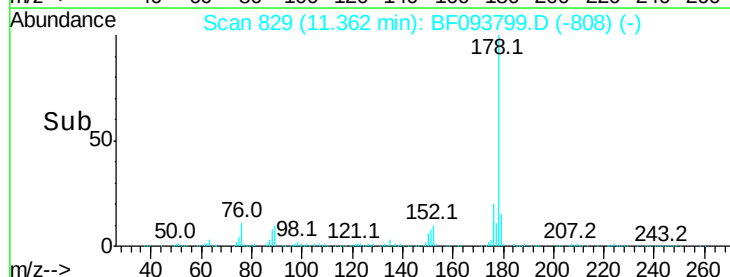
100000

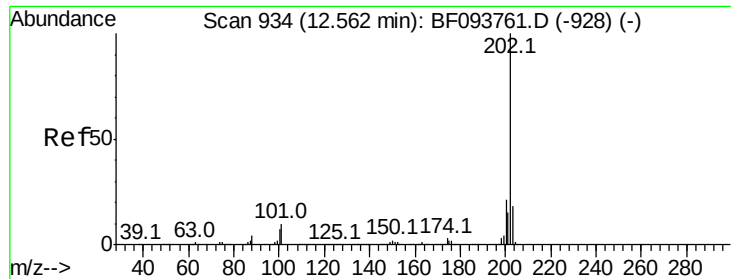
50000

0

11.30 11.35 11.40

Time-->

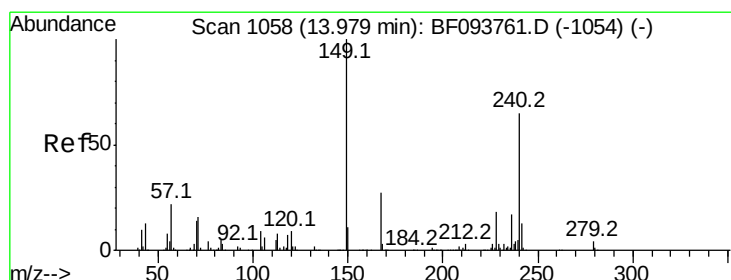
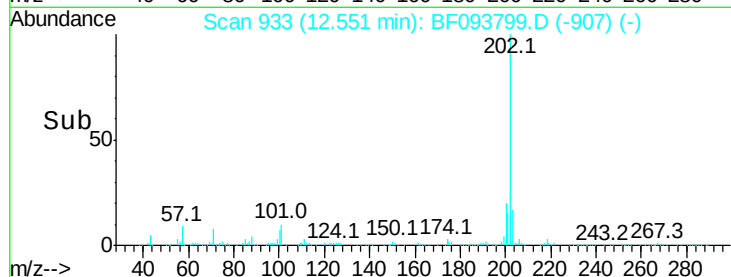
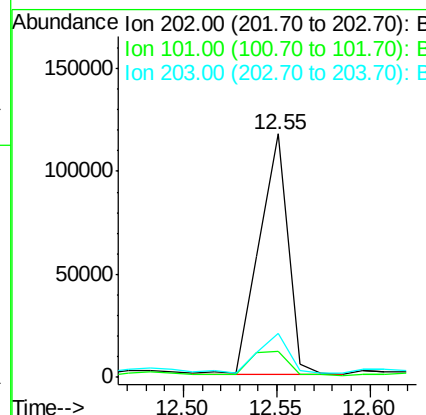
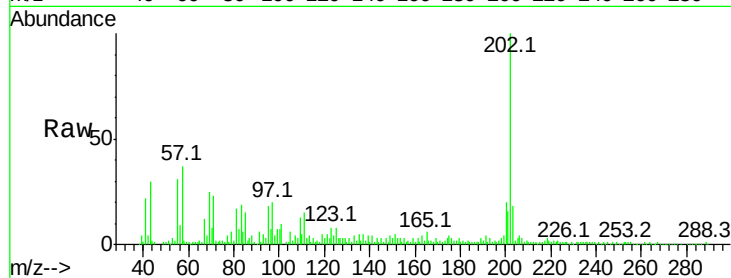




#74
Fluoranthene
Concen: 3.79 ng
RT: 12.55 min Scan# 933
Delta R.T. -0.00 min
Lab File: BF093799.D
Acq: 21 Mar 2017 15:41

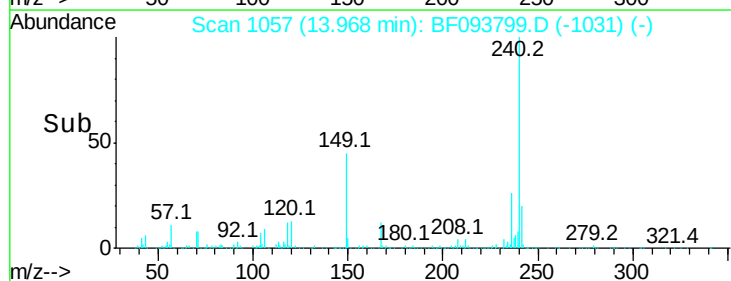
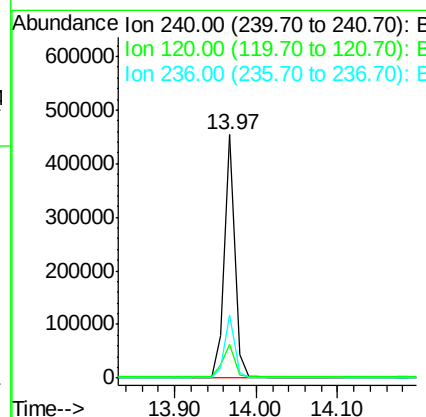
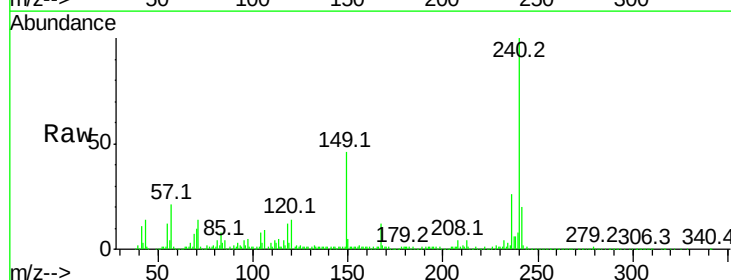
Instrument :
BNA_F
ClientSampleId :
MW-104S

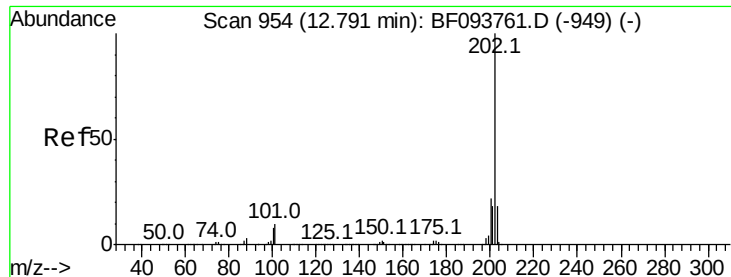
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	33.2
203	18.3	0.0	38.1



#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

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.9	5.8	8.8#
236	26.0	20.5	30.7





#77

Pvrene

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

Instrument :

BNA_F

ClientSampleId :

MW-104S

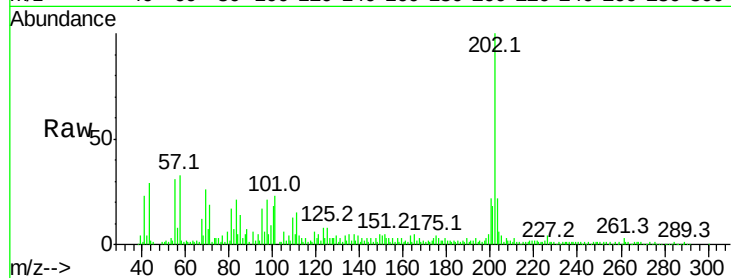
Tot Ion:202 Resp: 162973

Ion Ratio Lower Upper

202 100

200 21.7 17.6 26.4

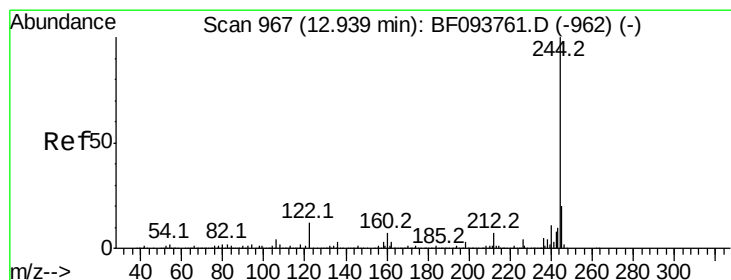
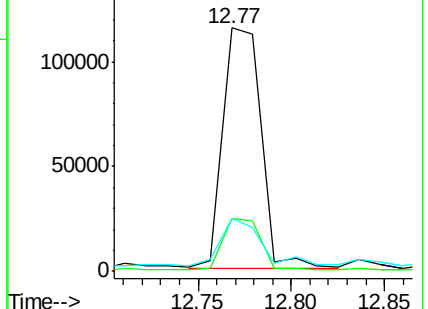
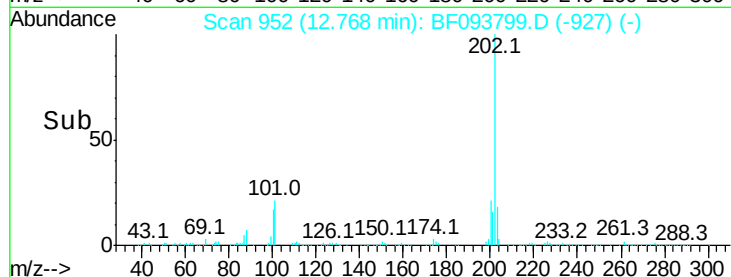
203 21.5 14.4 21.6



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

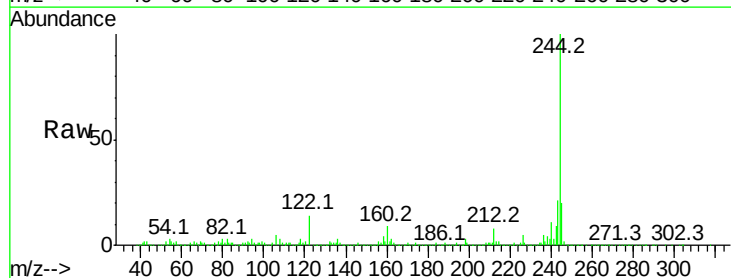
Tgt Ion:244 Resp: 1237981

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

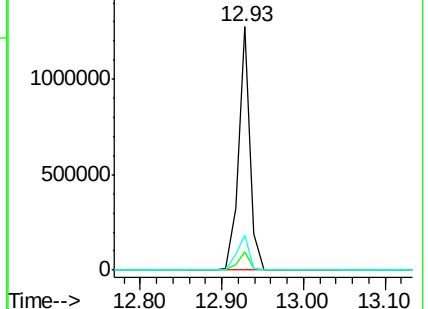
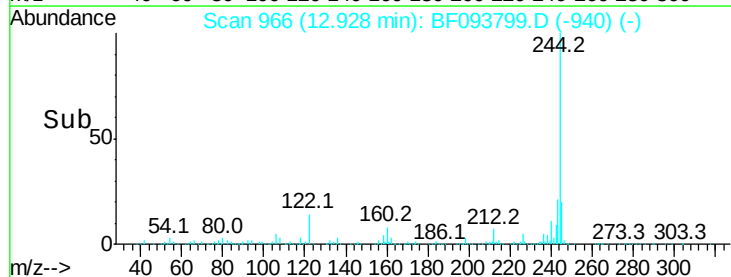
122 14.4 10.3 15.5

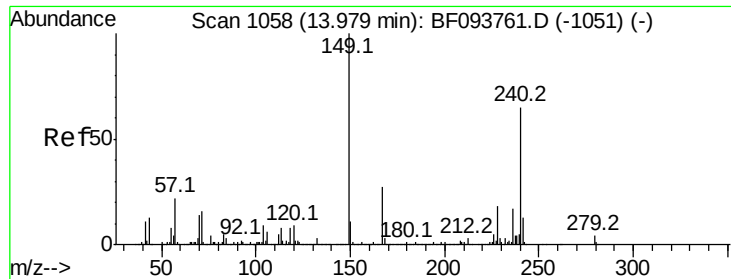


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

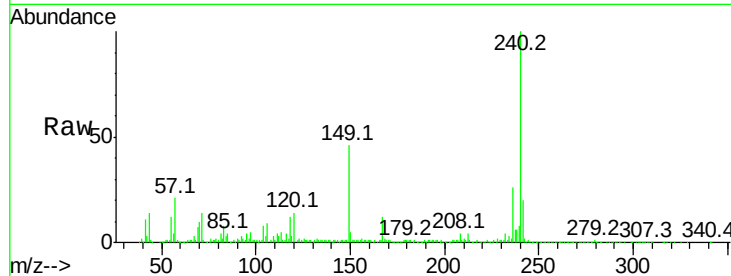




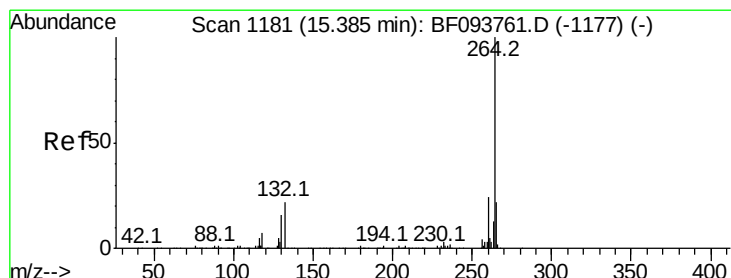
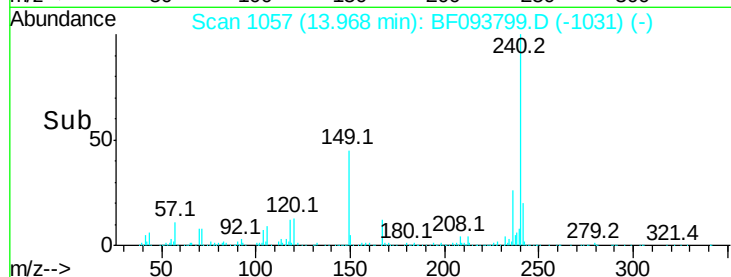
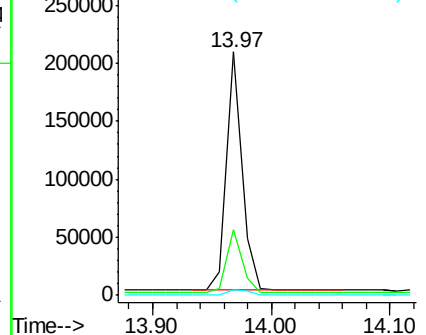
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 10.28 ng
 RT: 13.97 min Scan# 1057
 Delta R.T. -0.00 min
 Lab File: BF093799.D
 Acq: 21 Mar 2017 15:41

Instrument :
 BNA_F
 ClientSampled :
 MW-104S

Tot Ion:149 Resp: 184264
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.0 31.4
 279 2.2 1.9 2.9

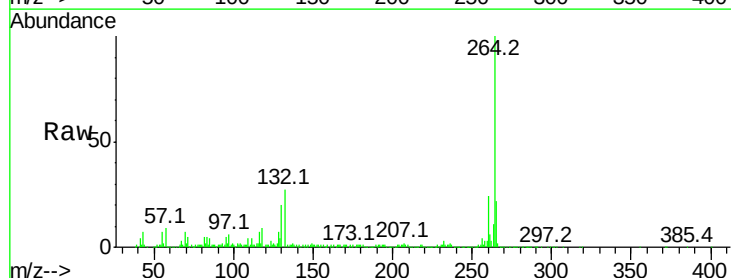


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#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

Tgt Ion:264 Resp: 361258
 Ion Ratio Lower Upper
 264 100
 260 23.9 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

