

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032117\
 Data File : BF093795.D
 Acq On : 21 Mar 2017 13:52
 Operator : SJ/MA
 Sample : I2263-24
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-104D

Quant Time: Mar 22 00:51:44 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

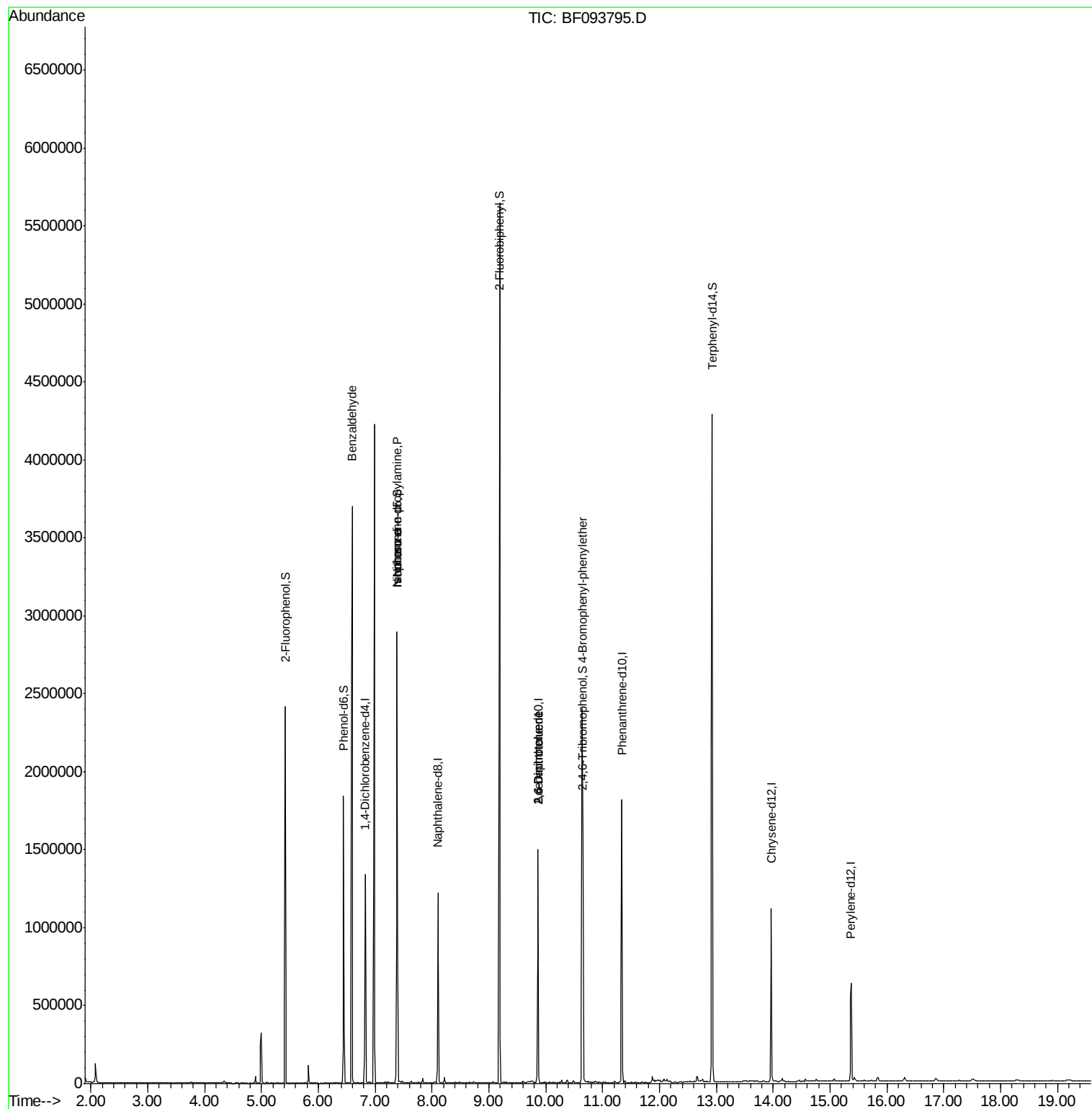
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	188187	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	745155	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	359866	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	648662	20.00	ng	0.00
75) Chrysene-d12	13.97	240	486636	20.00	ng	0.00
86) Perylene-d12	15.37	264	316988	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	688352	63.96	ng	0.00
7) Phenol-d6	6.45	99	611331	45.97	ng	-0.01
23) Nitrobenzene-d5	7.38	82	1108568	84.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	404624	145.17	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1920184	89.72	ng	0.00
78) Terphenyl-d14	12.93	244	1431219	59.96	ng	0.00
Target Compounds						
9) Benzaldehyde	6.60	77	27687	2.95	ng	Qvalue 86
19) n-Nitroso-di-n-propylamine	7.38	70	149242	17.13	ng	# 79
25) Isophorone	7.38	82	862290	37.05	ng	# 67
50) 2,6-Dinitrotoluene	9.86	165	46698	8.31	ng	# 33
56) 2,4-Dinitrotoluene	9.86	165	46700	6.54	ng	# 33
66) 4-Bromophenyl-phenylether	10.64	248	26986	4.32	ng	# 1

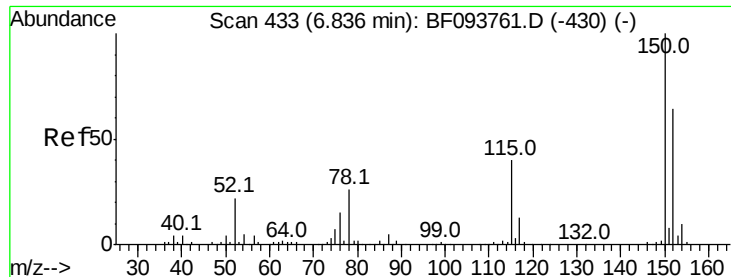
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093795.D

Acq: 21 Mar 2017 13:52

Instrument :

BNA_F

ClientSampleId :

MW-104D

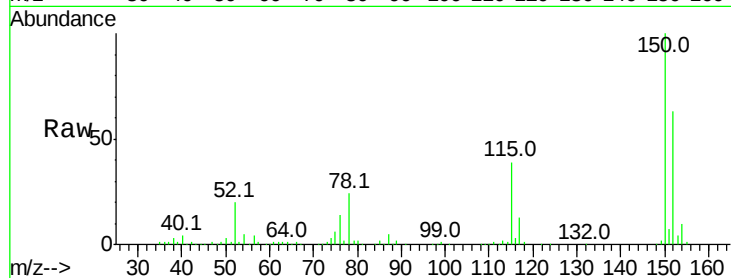
Tot Ion:152 Resp: 188187

Ion Ratio Lower Upper

152 100

150 158.5 126.2 189.2

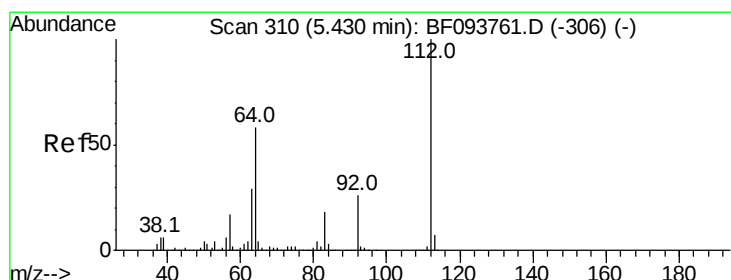
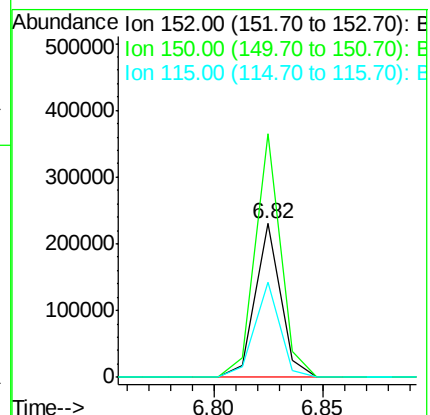
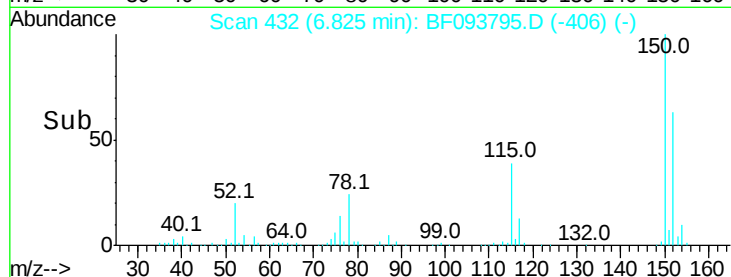
115 61.9 52.2 78.2



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: 63.96 ng

RT: 5.42 min Scan# 309

Delta R.T. -0.00 min

Lab File: BF093795.D

Acq: 21 Mar 2017 13:52

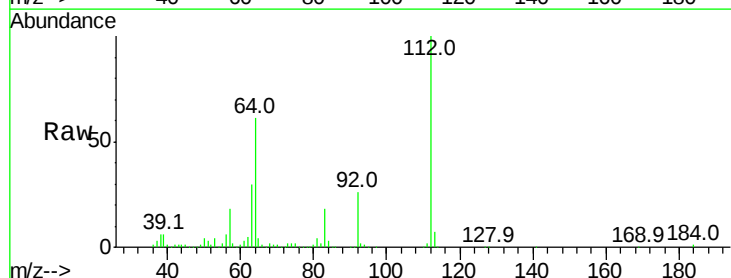
Tgt Ion:112 Resp: 688352

Ion Ratio Lower Upper

112 100

64 61.2 46.0 69.0

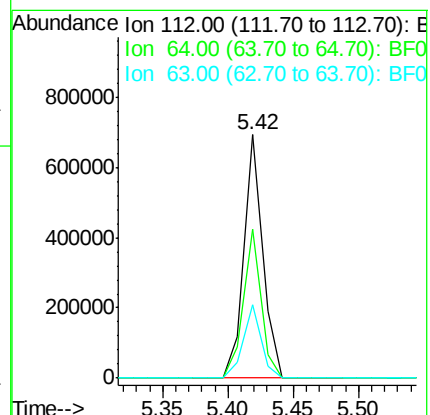
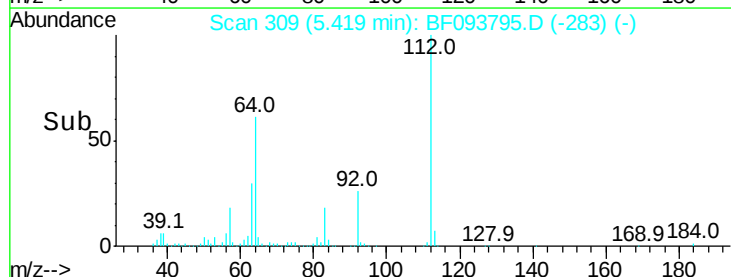
63 30.0 23.4 35.0

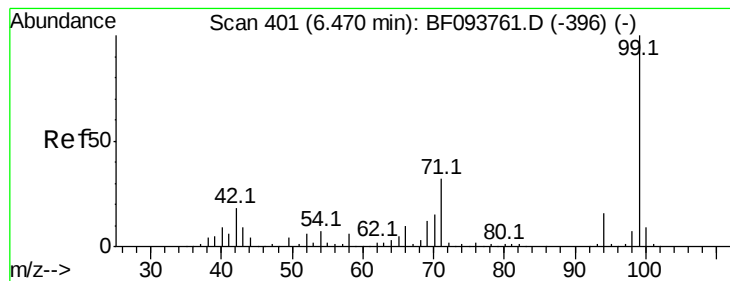


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 45.97 ng

RT: 6.45 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF093795.D

Acq: 21 Mar 2017 13:52

Instrument :

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ClientSampleId :

MW-104D

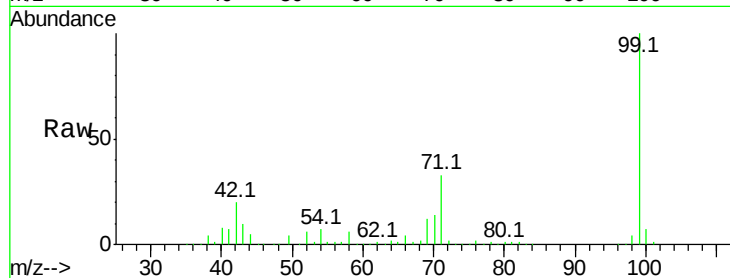
Tot Ion: 99 Resp: 611331

Ion Ratio Lower Upper

99 100

42 19.7 13.5 20.3

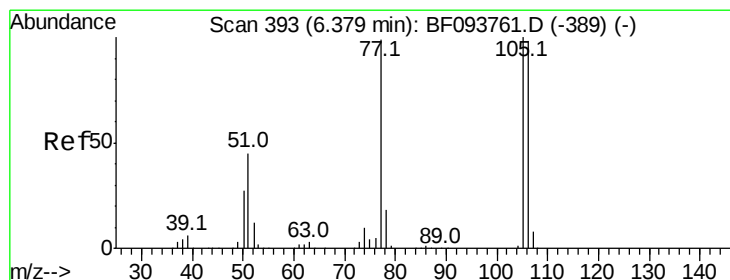
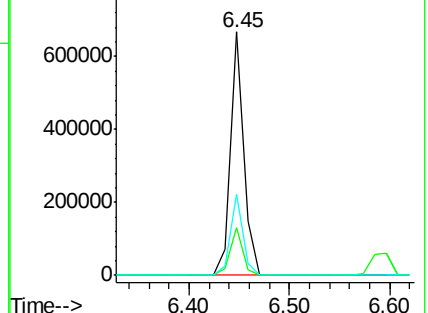
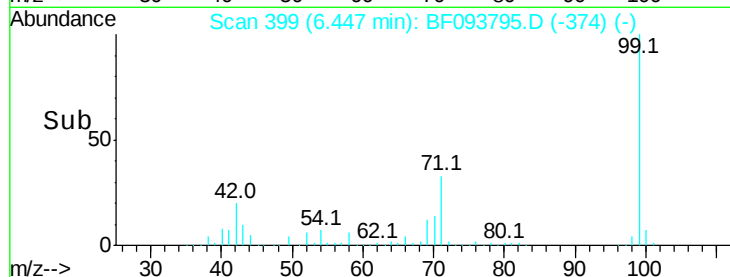
71 33.3 24.5 36.7



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



#9

Benzaldehyde

Concen: 2.95 ng

RT: 6.60 min Scan# 412

Delta R.T. 0.23 min

Lab File: BF093795.D

Acq: 21 Mar 2017 13:52

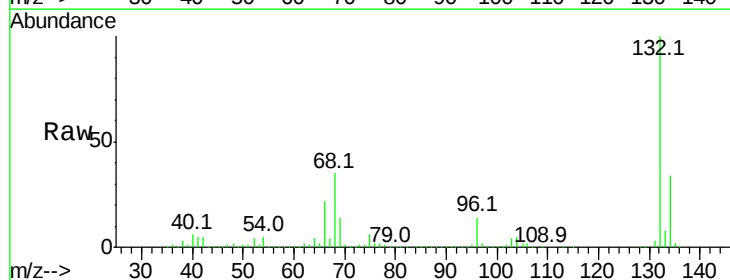
Tgt Ion: 77 Resp: 27687

Ion Ratio Lower Upper

77 100

105 87.5 83.8 123.8

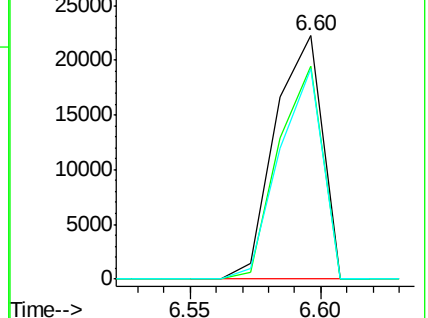
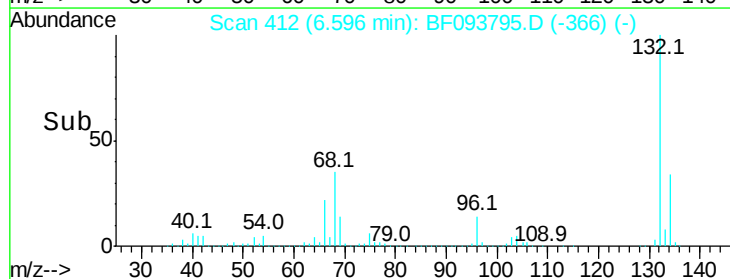
106 86.6 79.1 119.1

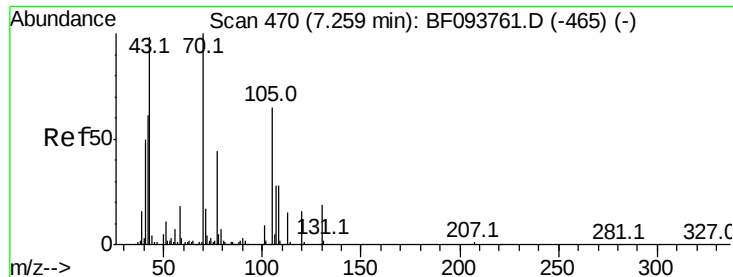


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

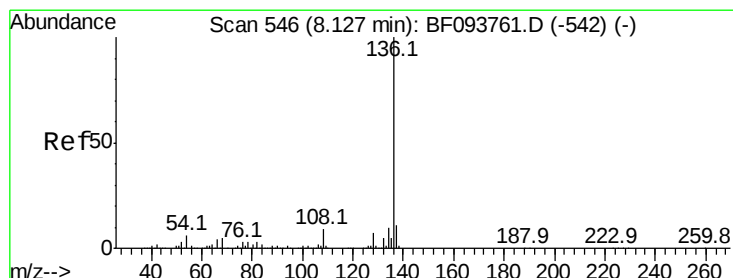
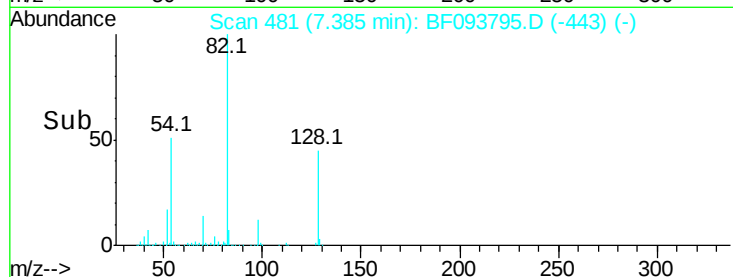
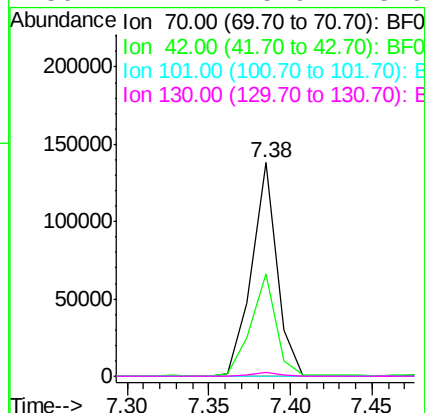
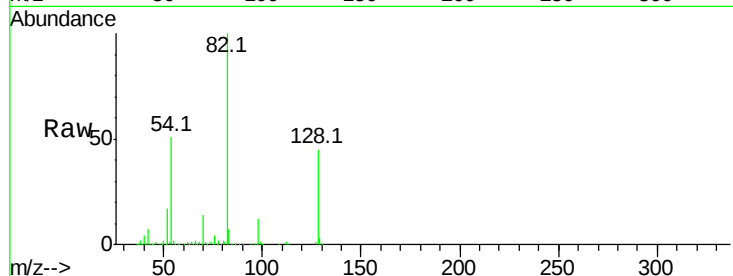




#19
n-Nitroso-di-n-propylamine
Concen: 17.13 ng
RT: 7.38 min Scan# 481
Delta R.T. 0.14 min
Lab File: BF093795.D
Acq: 21 Mar 2017 13:52

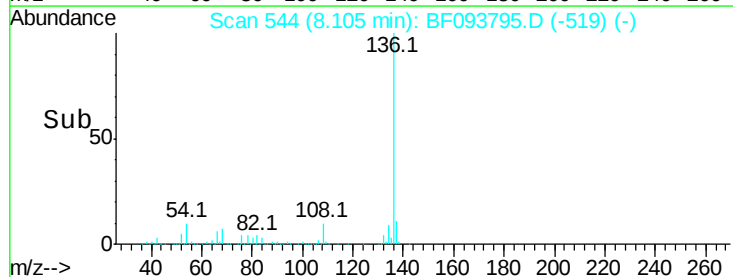
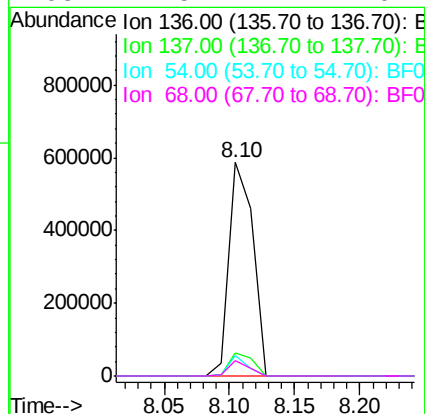
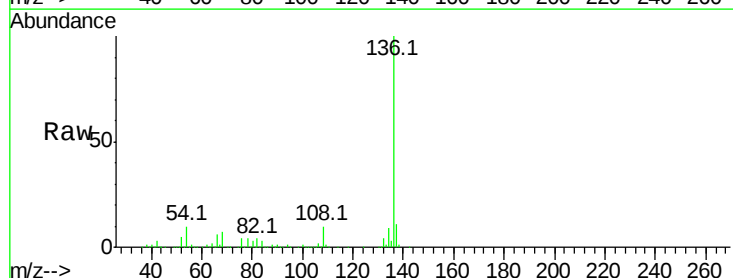
Instrument :
BNA_F
ClientSampleId :
MW-104D

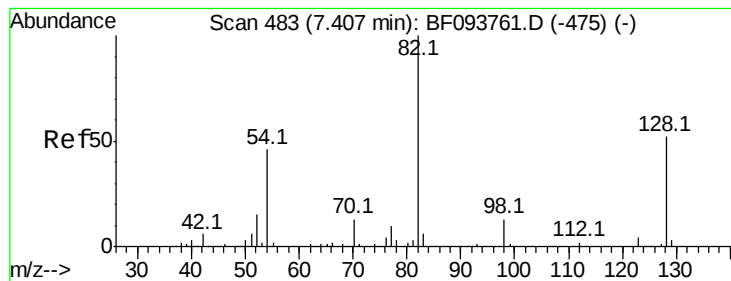
Tot Ion: 70 Resp: 149242
Ion Ratio Lower Upper
70 100
42 47.9 47.2 70.8
101 0.0 7.2 10.8#
130 2.1 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF093795.D
Acq: 21 Mar 2017 13:52

Tgt Ion:136 Resp: 745155
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 9.8 4.9 7.3#
68 7.5 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 84.39 ng

RT: 7.38 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF093795.D

Acq: 21 Mar 2017 13:52

Instrument :

BNA_F

ClientSampleId :

MW-104D

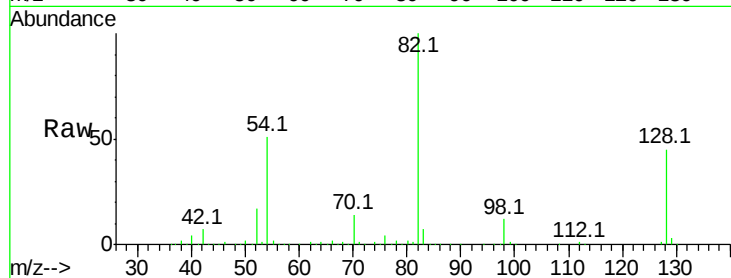
Tot Ion: 82 Resp: 1108568

Ion Ratio Lower Upper

82 100

128 44.5 34.0 51.0

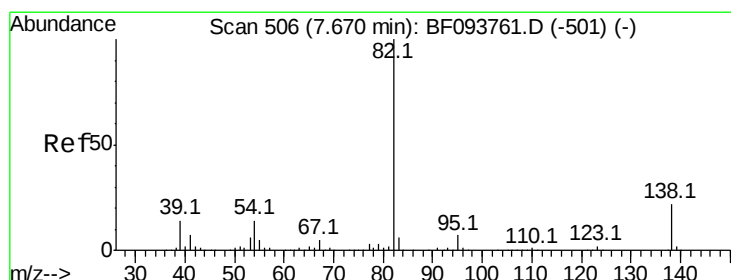
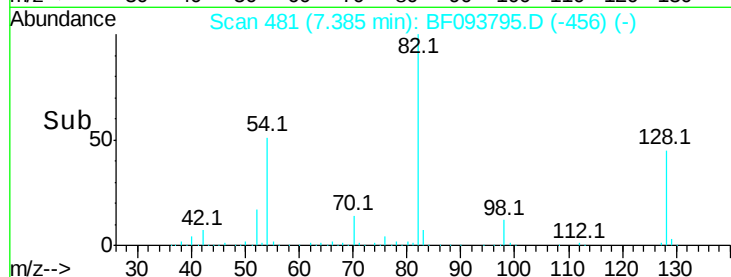
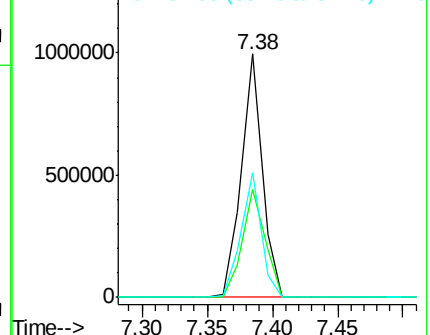
54 51.3 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 37.05 ng

RT: 7.38 min Scan# 481

Delta R.T. -0.27 min

Lab File: BF093795.D

Acq: 21 Mar 2017 13:52

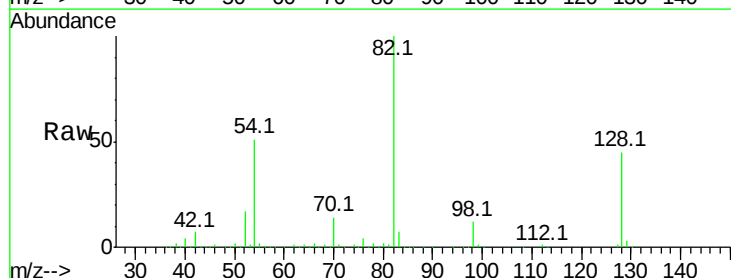
Tgt Ion: 82 Resp: 862290

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

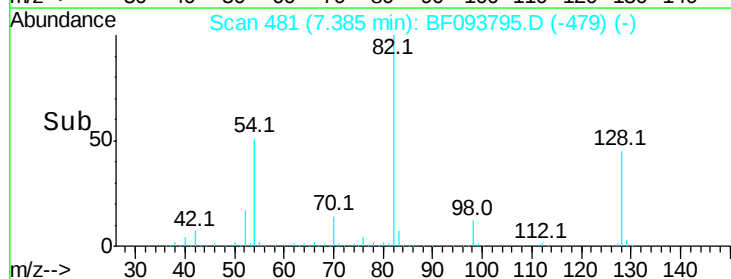
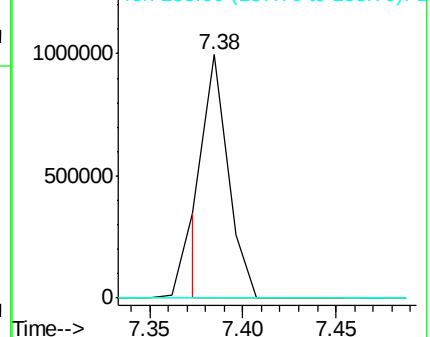
138 0.0 13.1 19.7#

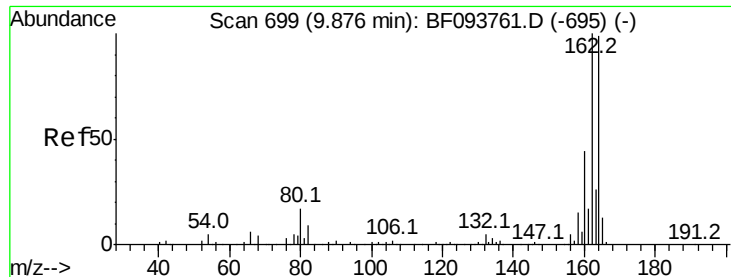


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF093795.D

Acq: 21 Mar 2017 13:52

Instrument :

BNA_F

ClientSampleId :

MW-104D

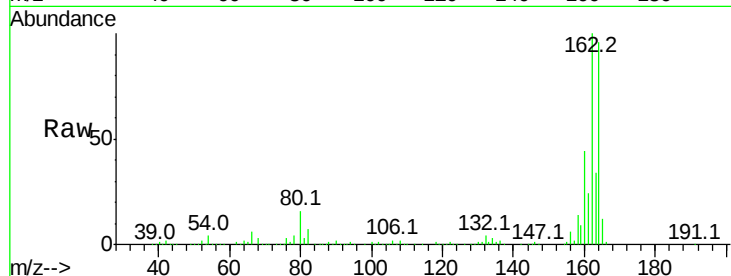
Tot Ion:164 Resp: 359866

Ion Ratio Lower Upper

164 100

162 104.4 82.6 123.8

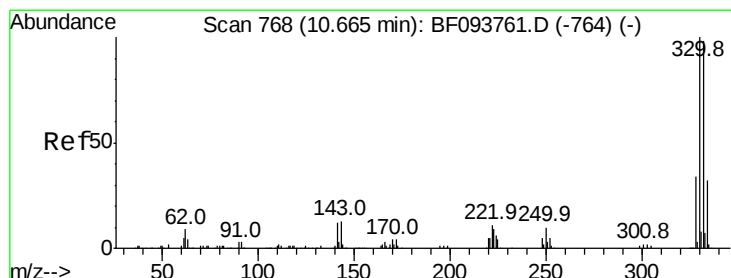
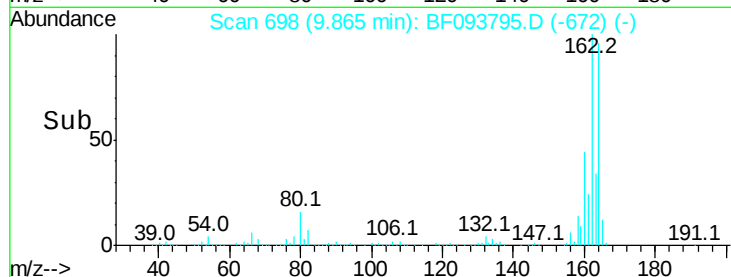
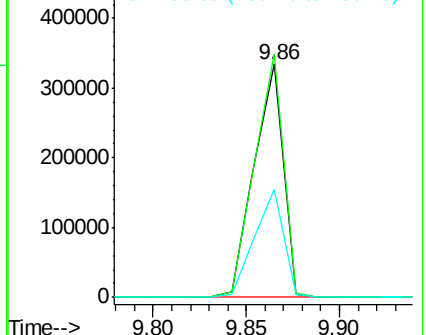
160 46.1 36.2 54.2



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: 145.17 ng

RT: 10.65 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF093795.D

Acq: 21 Mar 2017 13:52

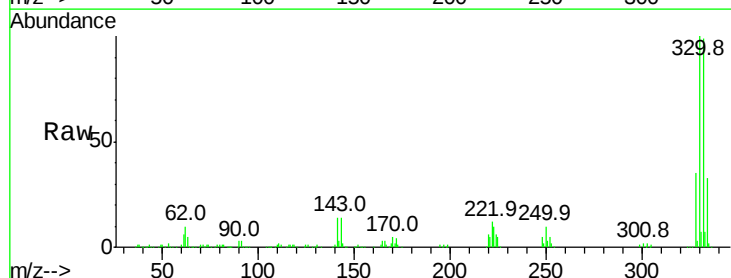
Tgt Ion:330 Resp: 404624

Ion Ratio Lower Upper

330 100

332 97.7 76.6 115.0

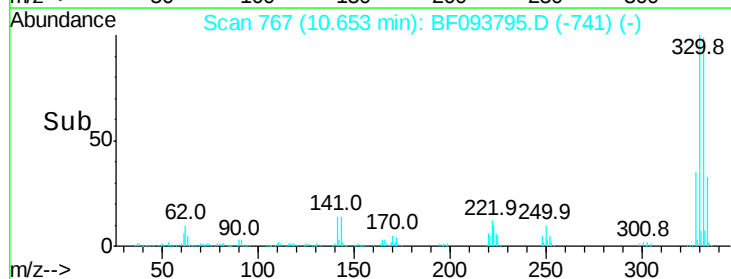
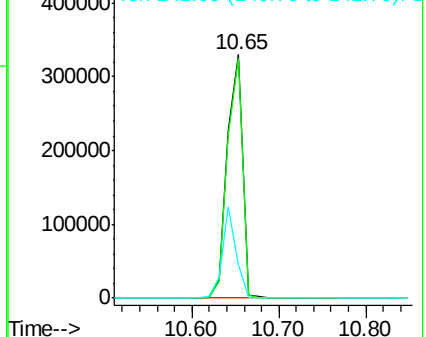
141 34.5 31.4 47.2

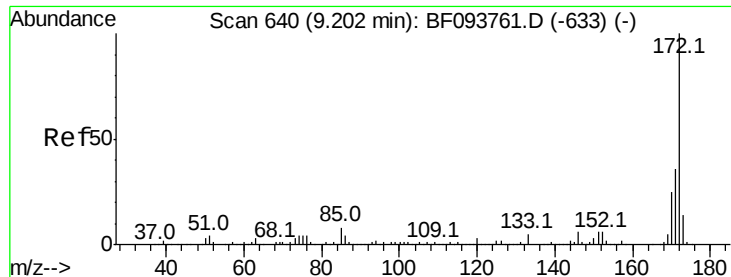


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



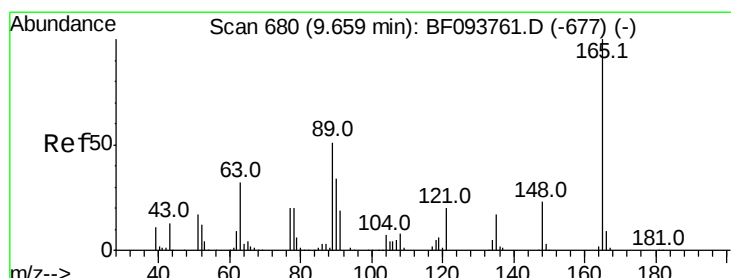
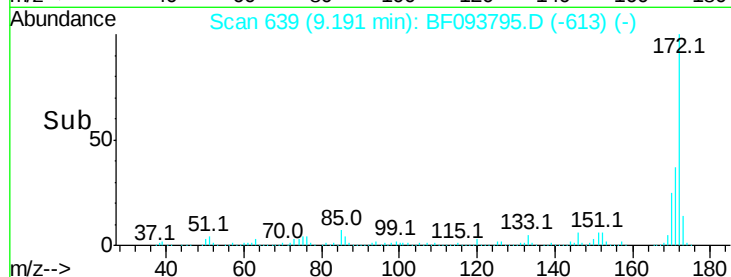
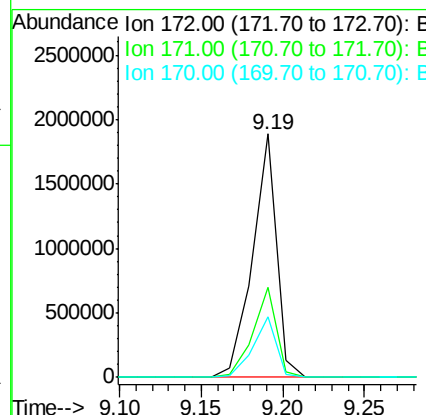
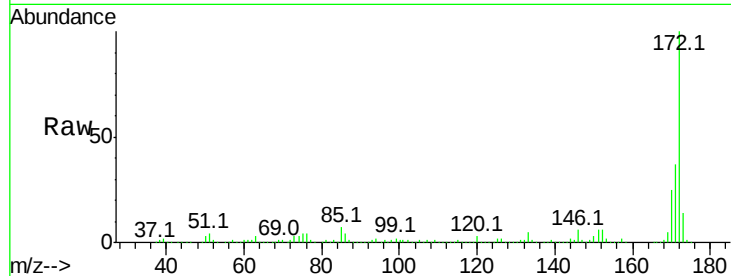


#44
 2-Fluorobiphenyl
 Concen: 89.72 ng
 RT: 9.19 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF093795.D
 Acq: 21 Mar 2017 13:52

Instrument :
 BNA_F
 ClientSampleId :
 MW-104D

Tot Ion:172 Resp: 1920184

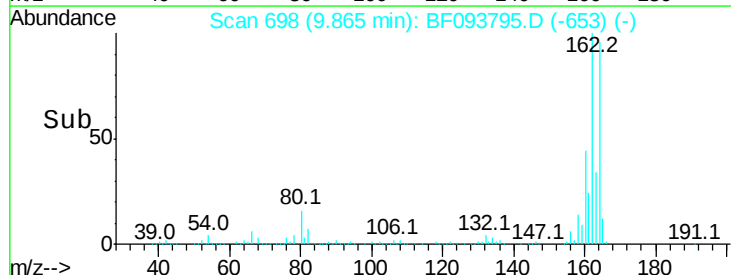
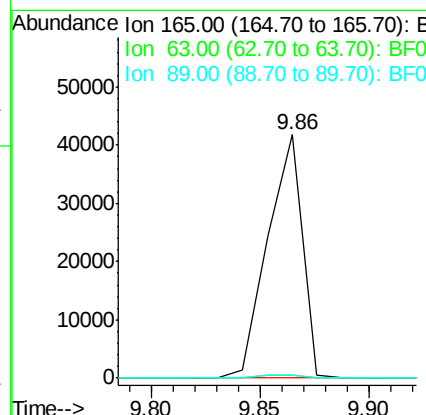
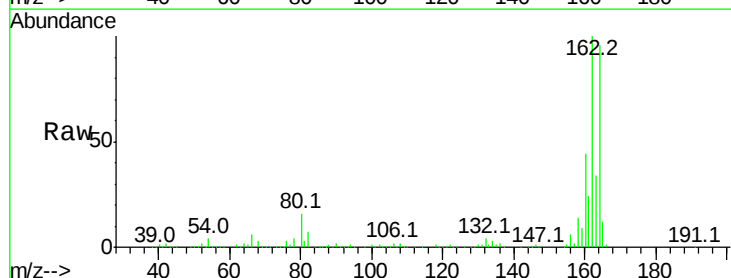
Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.6	44.4
170	24.7	19.8	29.8

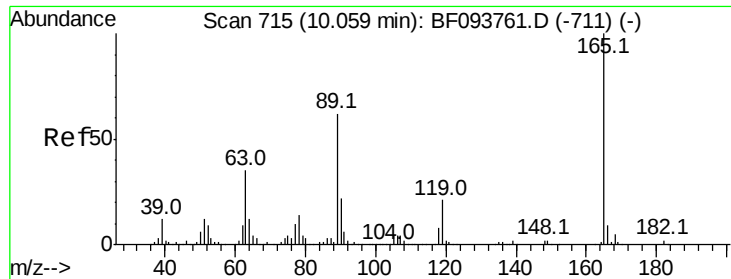


#50
 2,6-Dinitrotoluene
 Concen: 8.31 ng
 RT: 9.86 min Scan# 698
 Delta R.T. 0.22 min
 Lab File: BF093795.D
 Acq: 21 Mar 2017 13:52

Tgt Ion:165 Resp: 46698

Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.3	51.5#
89	1.3	37.1	55.7#

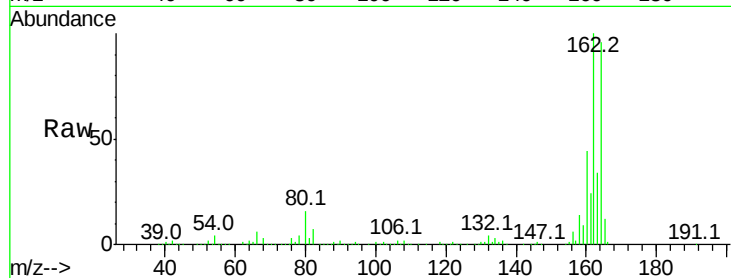




#56
 2,4-Dinitrotoluene
 Concen: 6.54 ng
 RT: 9.86 min Scan# 698
 Delta R.T. -0.18 min
 Lab File: BF093795.D
 Acq: 21 Mar 2017 13:52

Instrument :
 BNA_F
 ClientSampleId :
 MW-104D

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	25.4	38.0#
89	1.3	46.4	69.6#
182	0.0	1.8	2.6#

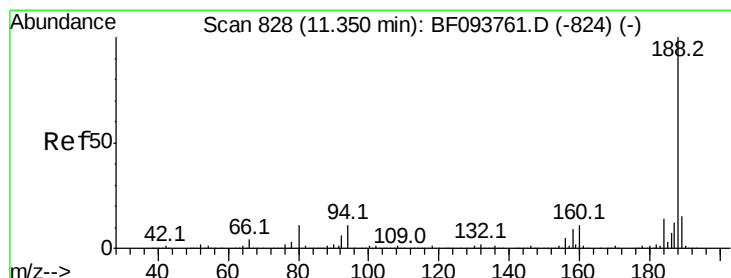
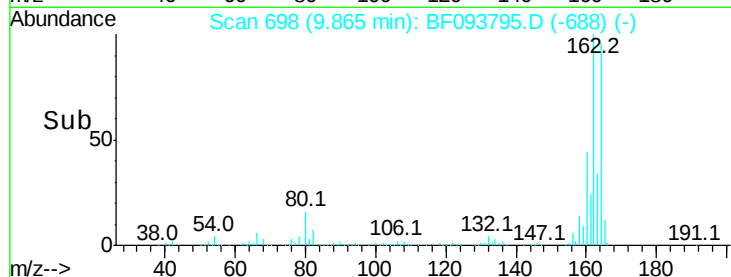
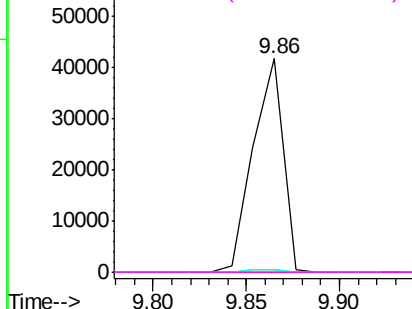


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

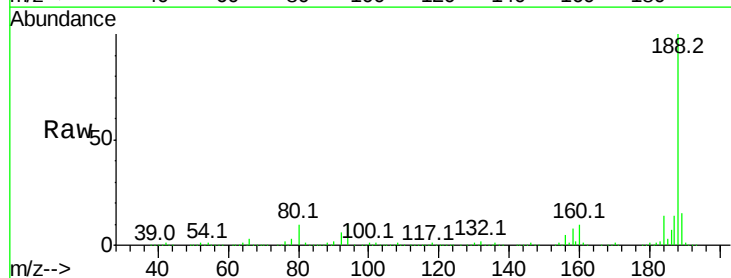
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BF093795.D
 Acq: 21 Mar 2017 13:52

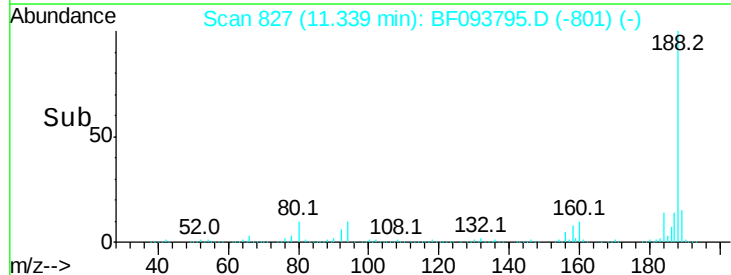
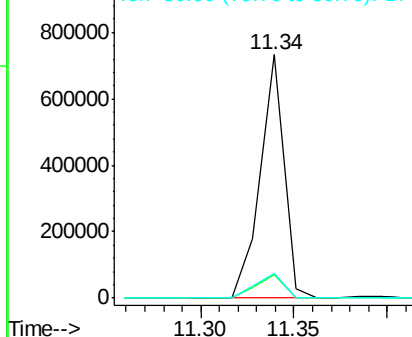
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	9.4	14.2
80	10.4	10.2	15.2

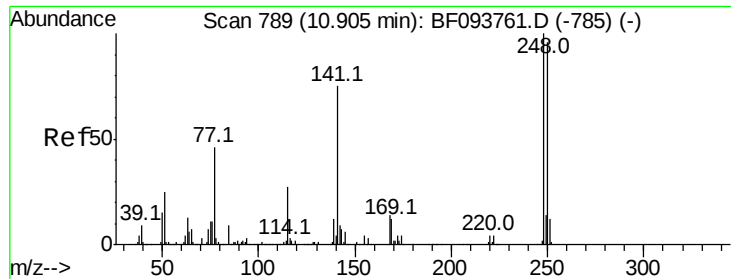


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

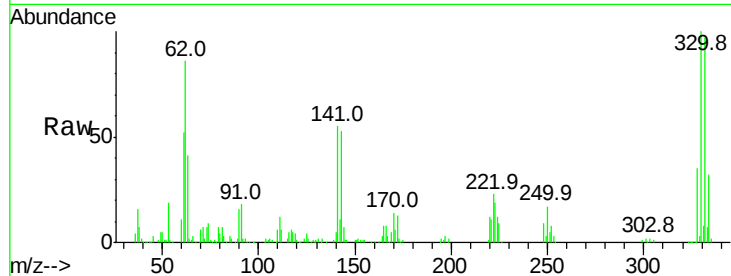




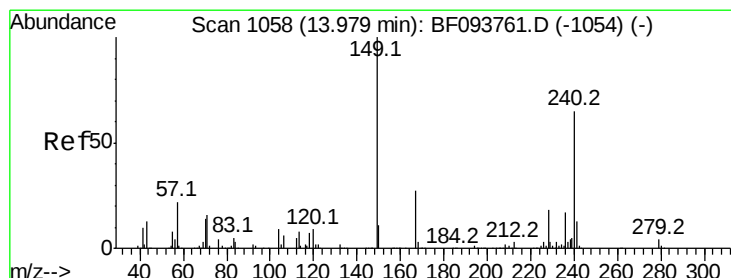
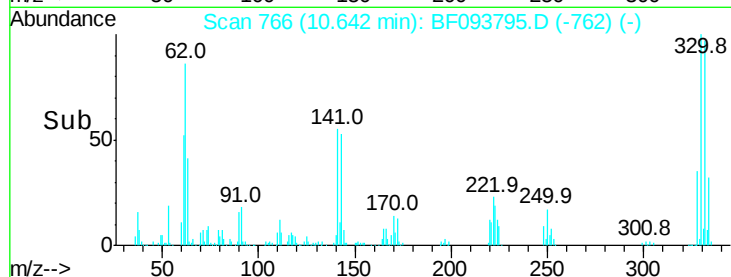
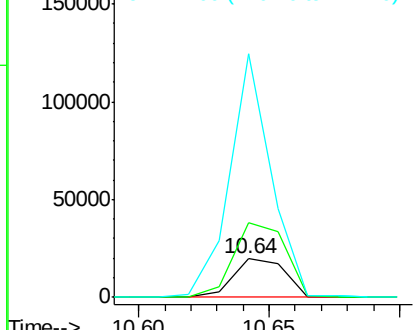
#66
4-Bromophenyl-phenylether
Concen: 4.32 ng
RT: 10.64 min Scan# 766
Delta R.T. -0.25 min
Lab File: BF093795.D
Acq: 21 Mar 2017 13:52

Instrument :
BNA_F
ClientSampleId :
MW-104D

Tot Ion:248 Resp: 26986
Ion Ratio Lower Upper
248 100
250 194.2 76.8 115.2#
141 635.0 68.6 103.0#

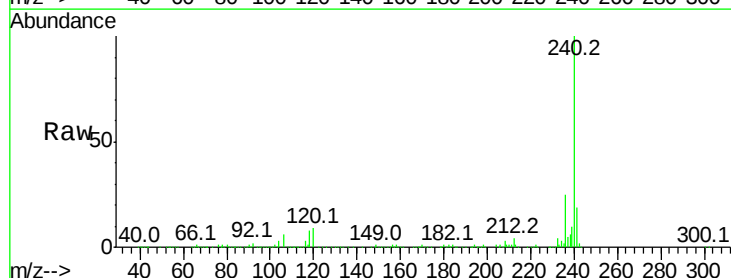


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

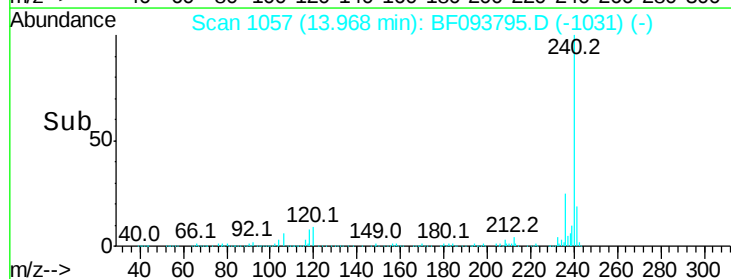
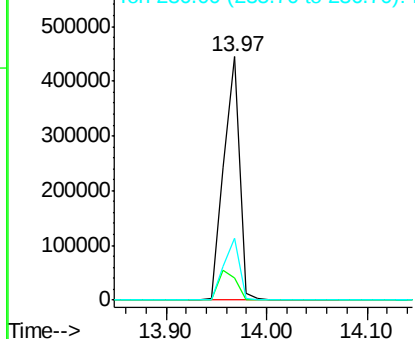


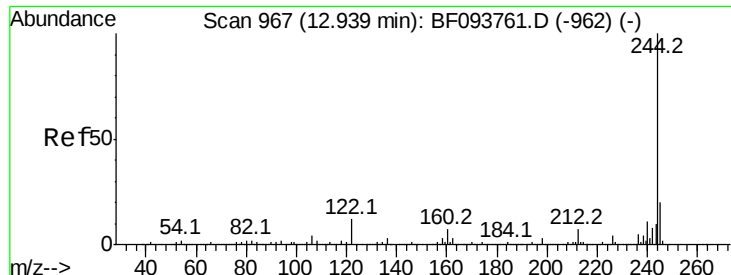
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF093795.D
Acq: 21 Mar 2017 13:52

Tgt Ion:240 Resp: 486636
Ion Ratio Lower Upper
240 100
120 9.3 5.8 8.8#
236 25.3 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: 59.96 ng

RT: 12.93 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF093795.D

Acq: 21 Mar 2017 13:52

Instrument :

BNA_F

ClientSampleId :

MW-104D

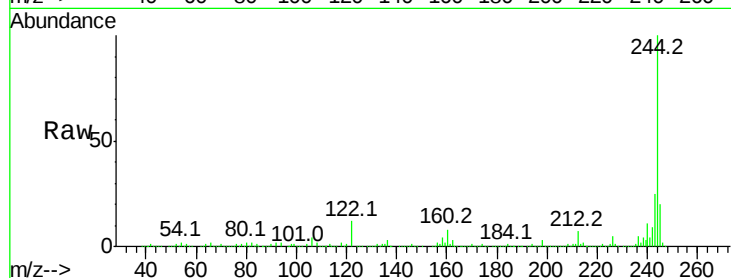
Tot Ion:244 Resp: 1431219

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

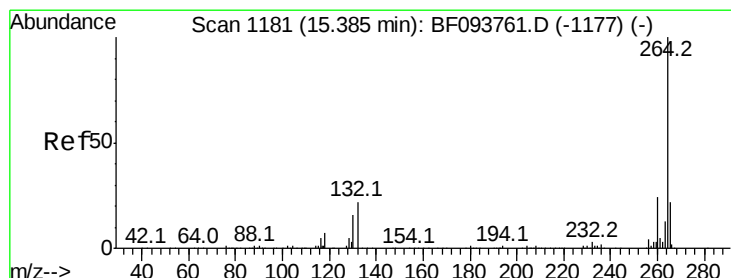
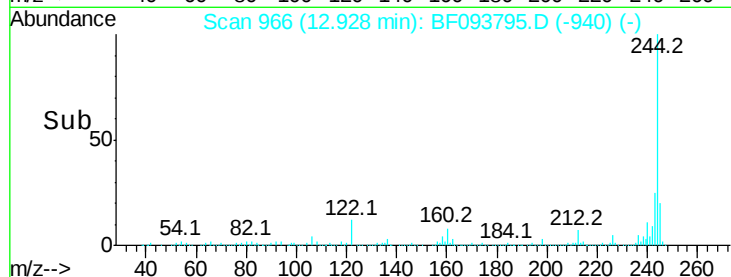
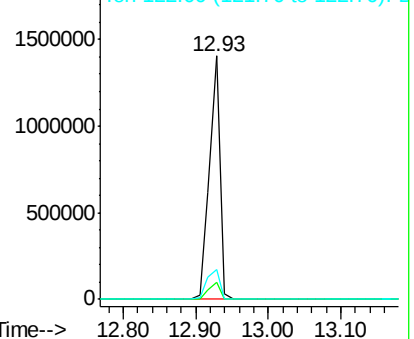
122 12.4 10.3 15.5



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.37 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF093795.D

Acq: 21 Mar 2017 13:52

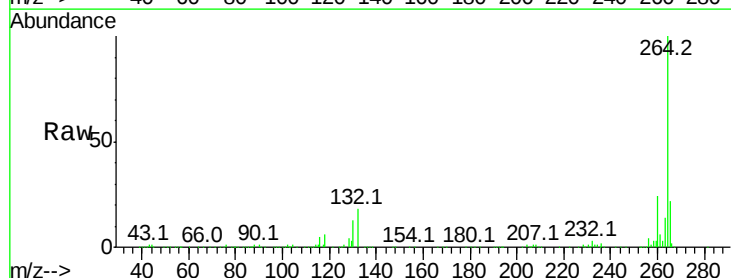
Tgt Ion:264 Resp: 316988

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 21.6 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

