

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
 Data File : BF098794.D
 Acq On : 25 Sep 2017 20:36
 Operator : SJ/JU
 Sample : I5394-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 05:19:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

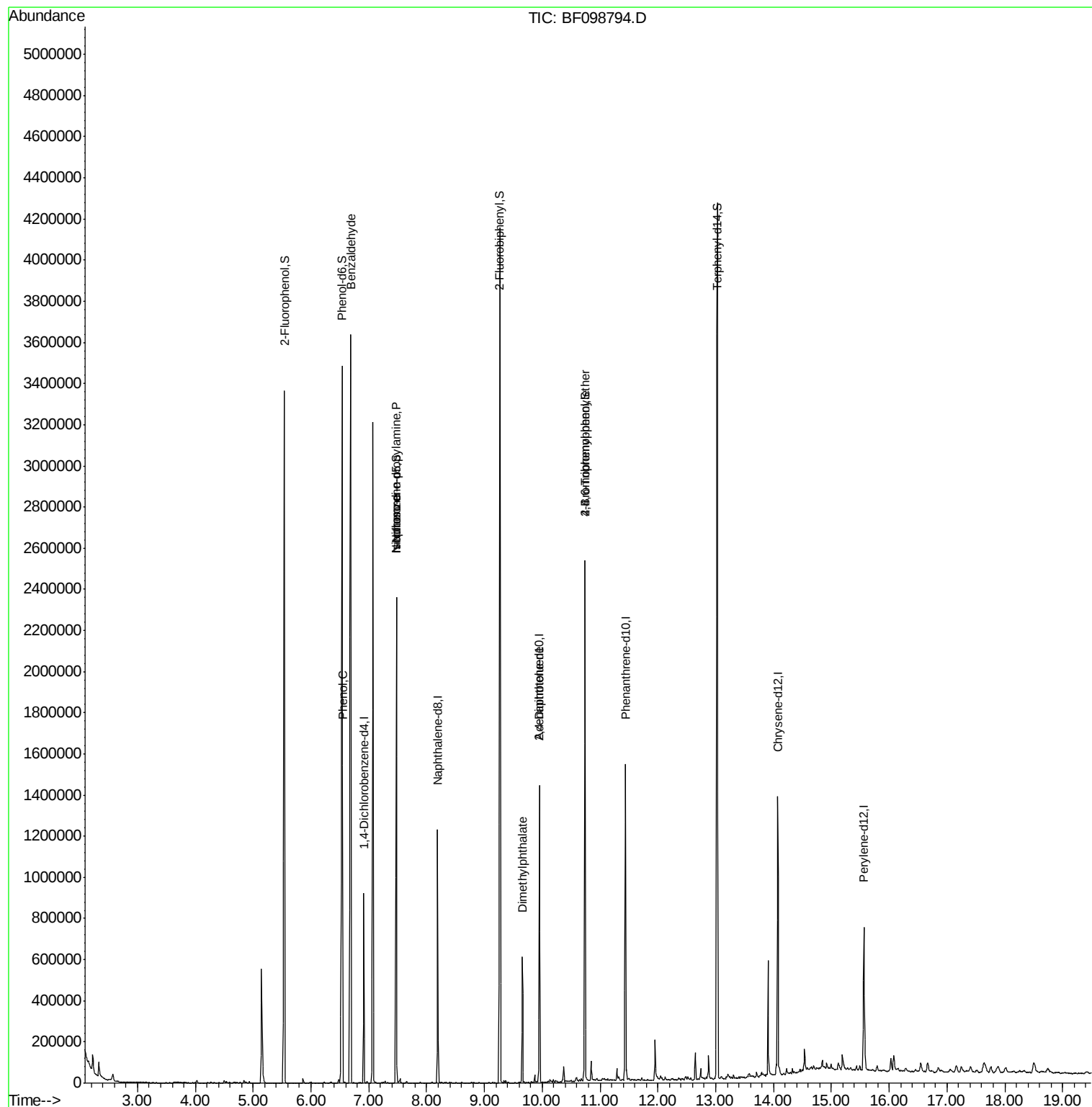
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	136557	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	577211	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	268634	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	512077	20.00	ng	0.00
75) Chrysene-d12	14.07	240	408850	20.00	ng	-0.01
86) Perylene-d12	15.56	264	299164	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1141910	133.12	ng	0.00
7) Phenol-d6	6.54	99	1410796	133.32	ng	0.00
23) Nitrobenzene-d5	7.47	82	868013	96.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	318658	144.97	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1548668	96.24	ng	-0.01
78) Terphenyl-d14	13.03	244	1491070	82.94	ng	0.00
Target Compounds						
9) Benzaldehyde	6.69	77	24135	3.932	ng	86
10) Phenol	6.55	94	45993	3.886	ng	94
19) n-Nitroso-di-n-propylamine	7.47	70	114988	17.019	ng	# 76
25) Isophorone	7.47	82	866035	46.539	ng	# 64
49) Dimethylphthalate	9.66	163	228464	11.268	ng	100
56) 2,4-Dinitrotoluene	9.95	165	34537	6.029	ng	# 23
66) 4-Bromophenyl-phenylether	10.74	248	22300	4.449	ng	# 1

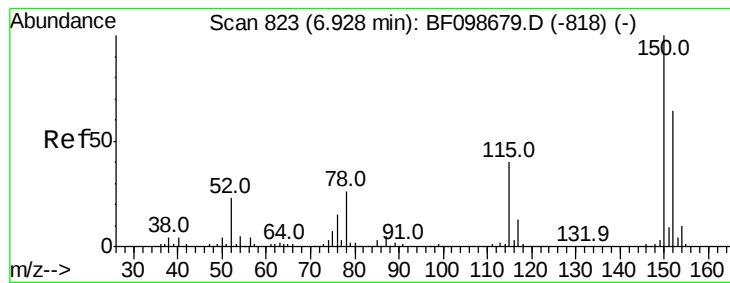
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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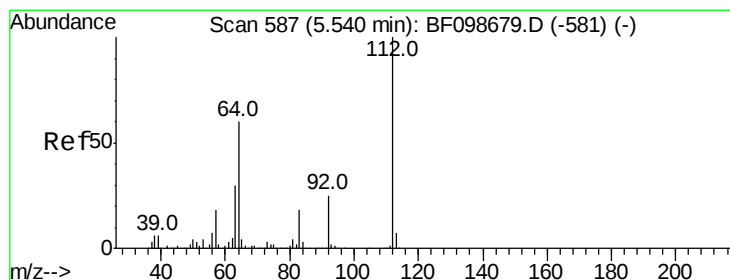
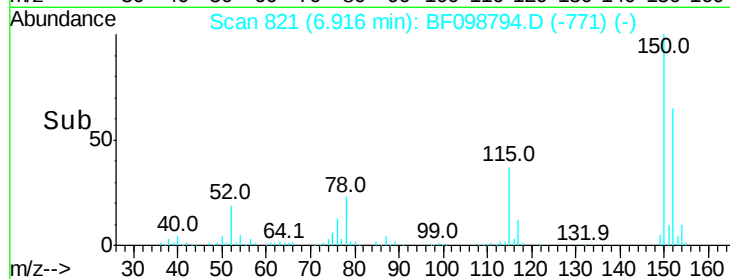
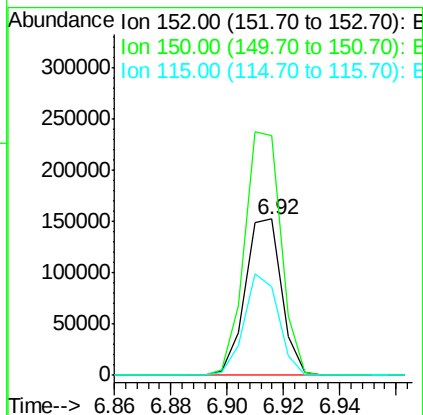
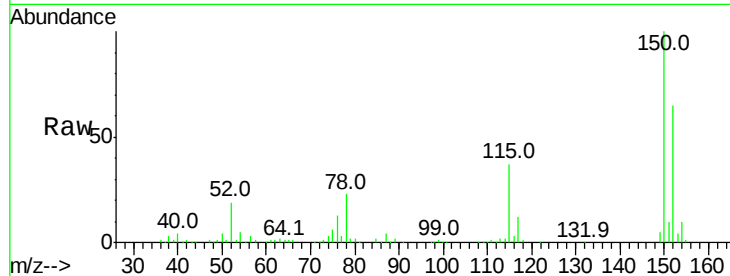


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098794.D
Acq: 25 Sep 2017 20:36

Instrument :
BNA_F
ClientSampleId :

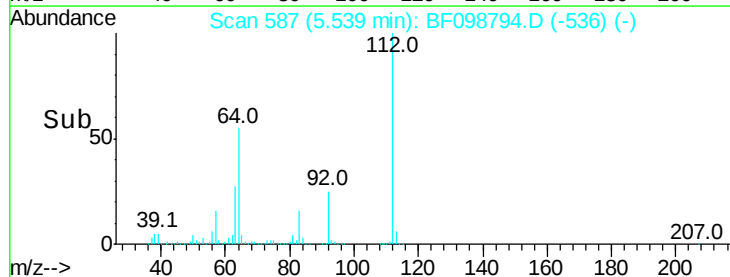
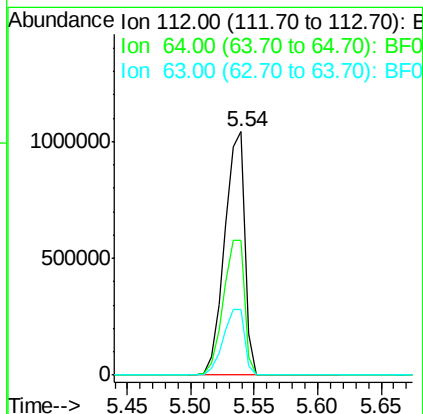
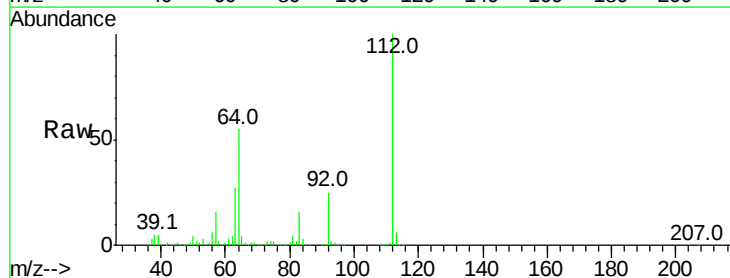
Tot Ion:152 Resp: 136557
Ion Ratio Lower Upper
152 100
150 153.7 124.6 186.8
115 57.2 50.1 75.1

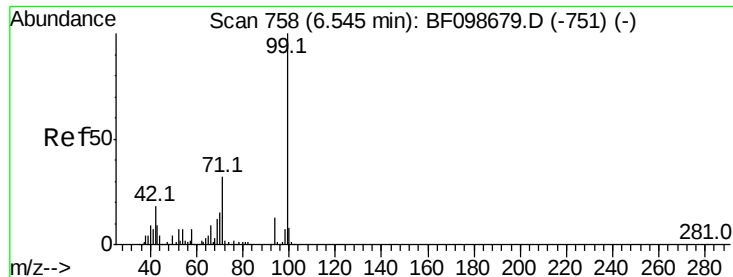


#5

2-Fluorophenol
Concen: 133.117 ng
RT: 5.54 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF098794.D
Acq: 25 Sep 2017 20:36

Tgt Ion:112 Resp: 1141910
Ion Ratio Lower Upper
112 100
64 55.2 47.9 71.9
63 27.1 23.7 35.5





#7

Phenol-d6

Concen: 133.318 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098794.D

Acq: 25 Sep 2017 20:36

Instrument :

BNA_F

ClientSampleId :

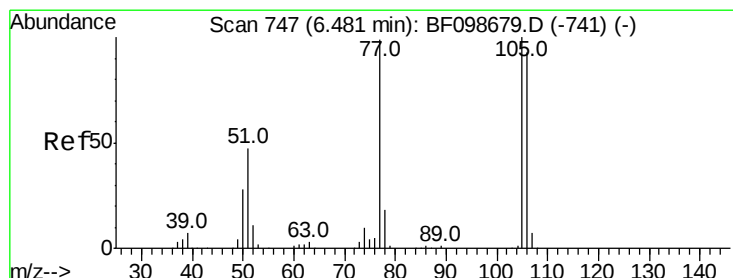
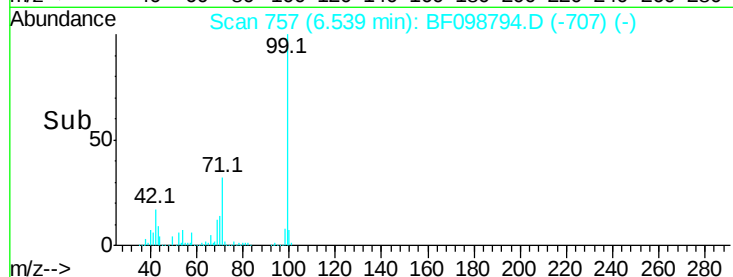
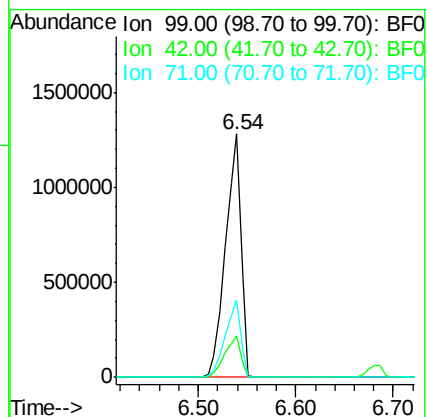
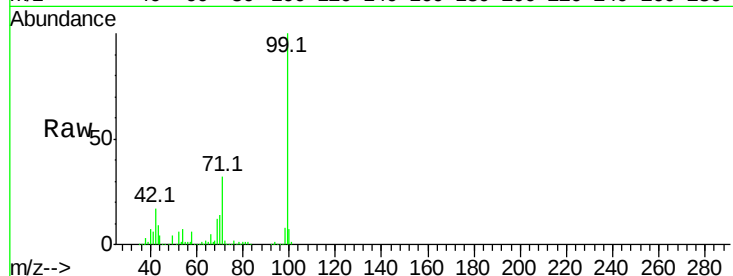
Tot Ion: 99 Resp: 1410796

Ion Ratio Lower Upper

99 100

42 17.0 14.5 21.7

71 31.9 25.4 38.0



#9

Benzaldehyde

Concen: 3.932 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.21 min

Lab File: BF098794.D

Acq: 25 Sep 2017 20:36

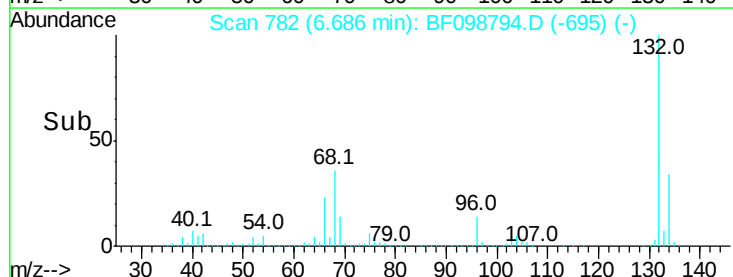
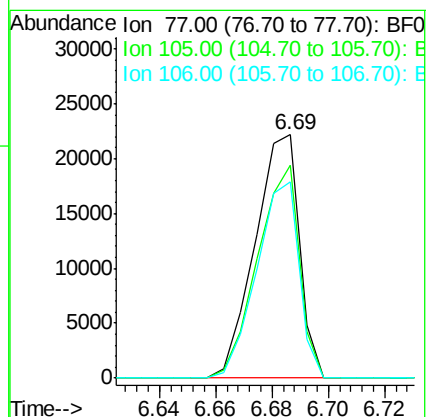
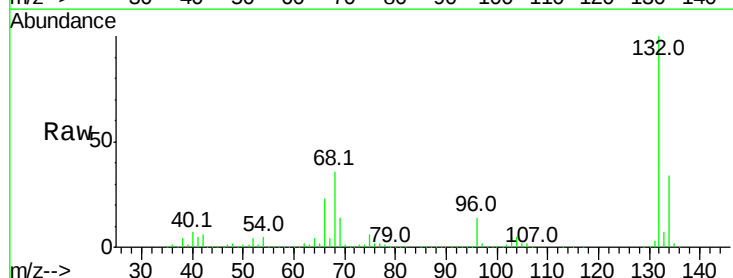
Tgt Ion: 77 Resp: 24135

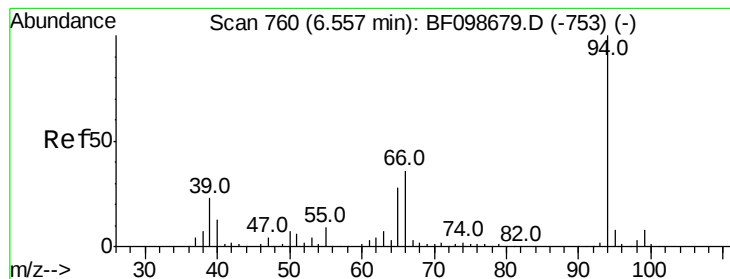
Ion Ratio Lower Upper

77 100

105 87.7 81.1 121.1

106 80.7 74.5 114.5





#10

Phenol

Concen: 3.886 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF098794.D

Acq: 25 Sep 2017 20:36

Instrument :
BNA_F
ClientSampleId :

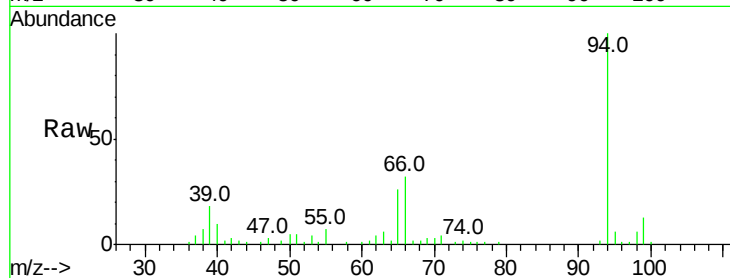
Tot Ion: 94 Resp: 45993

Ion Ratio Lower Upper

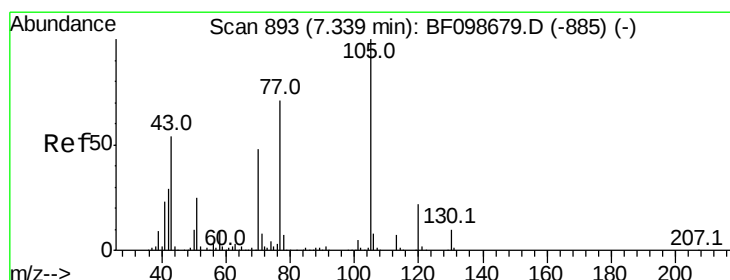
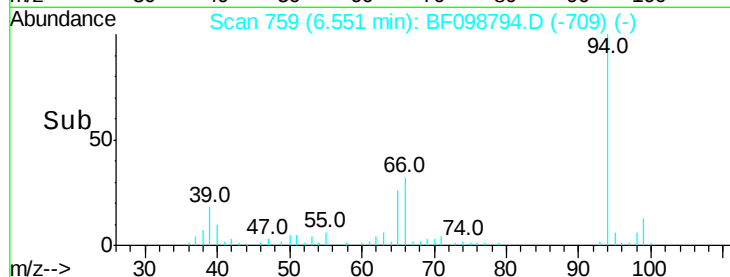
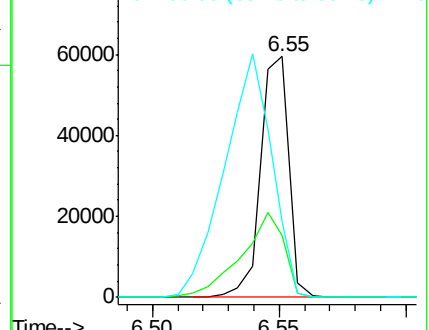
94 100

65 25.8 7.9 47.9

66 31.8 16.2 56.2



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: 17.019 ng

RT: 7.47 min Scan# 916

Delta R.T. 0.14 min

Lab File: BF098794.D

Acq: 25 Sep 2017 20:36

Tgt Ion: 70 Resp: 114988

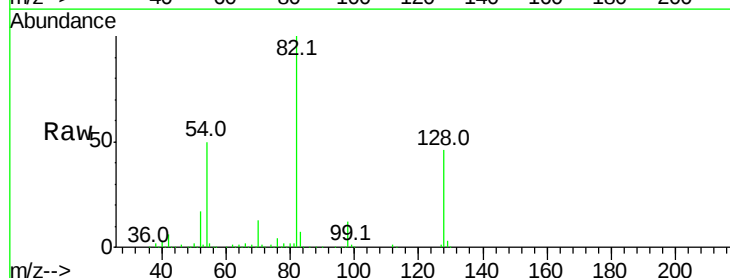
Ion Ratio Lower Upper

70 100

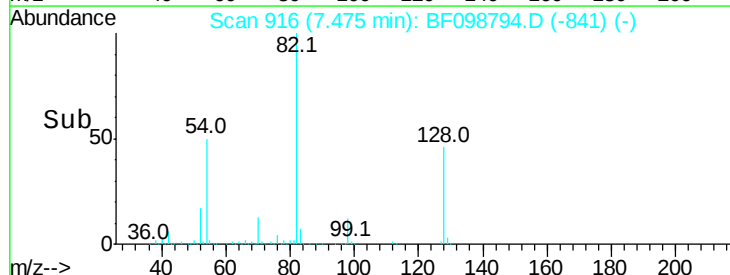
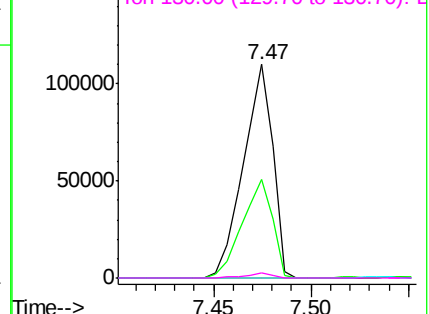
42 45.9 47.5 71.3#

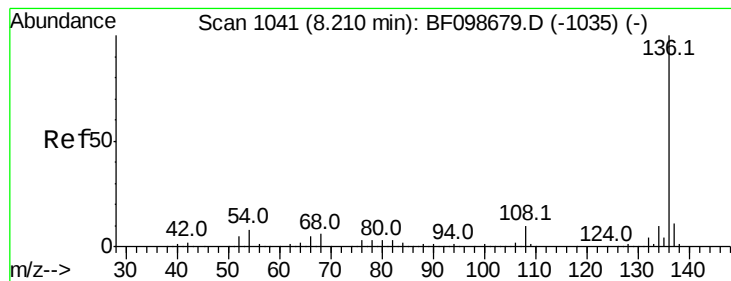
101 0.0 7.4 11.2#

130 2.6 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): BF0
Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF098794.D

Acq: 25 Sep 2017 20:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 577211

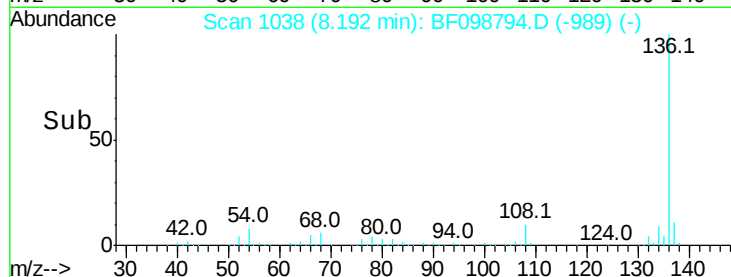
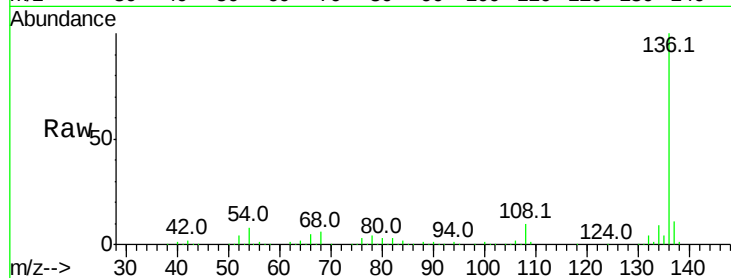
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.3 6.6 9.8

68 6.1 5.0 7.4

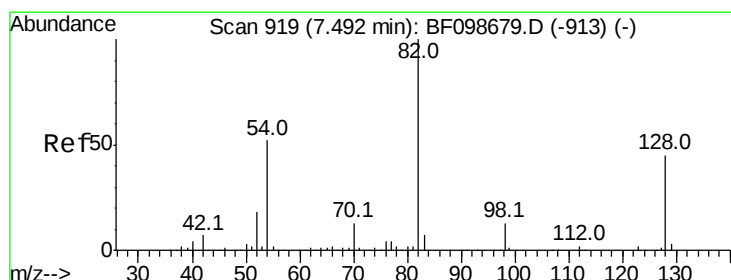
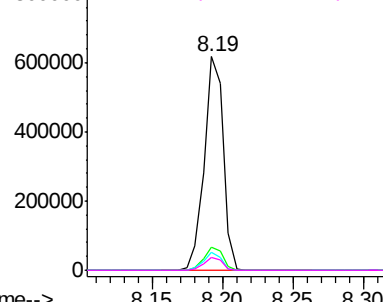


Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.439 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF098794.D

Acq: 25 Sep 2017 20:36

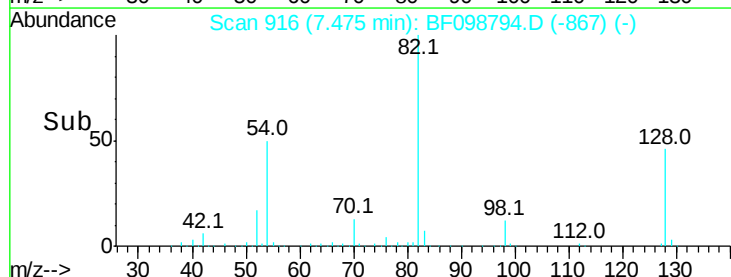
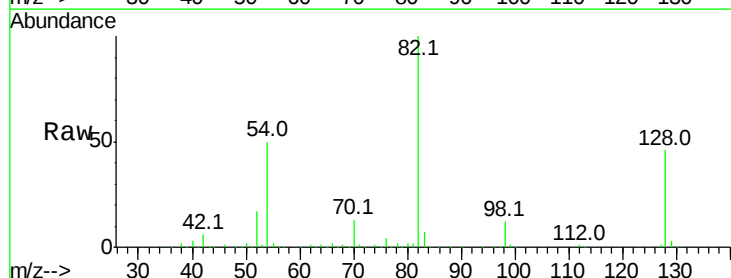
Tgt Ion: 82 Resp: 868013

Ion Ratio Lower Upper

82 100

128 46.2 36.1 54.1

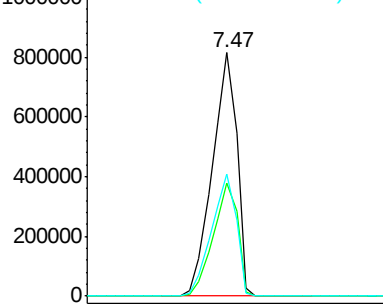
54 50.3 41.4 62.2

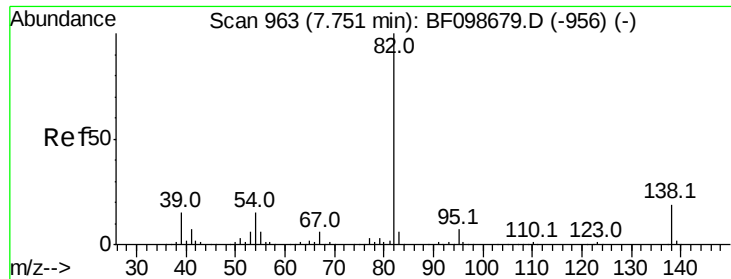


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 46.539 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.27 min

Lab File: BF098794.D

Acq: 25 Sep 2017 20:36

Instrument :

BNA_F

ClientSampled :

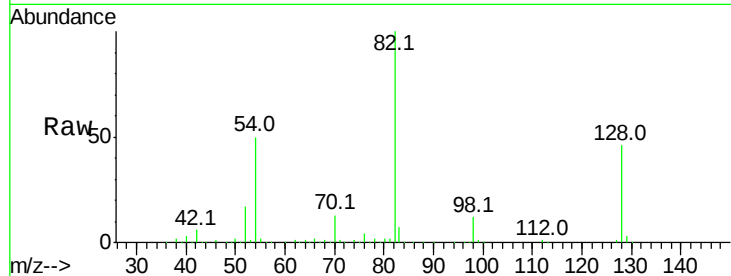
Tot Ion: 82 Resp: 866035

Ion Ratio Lower Upper

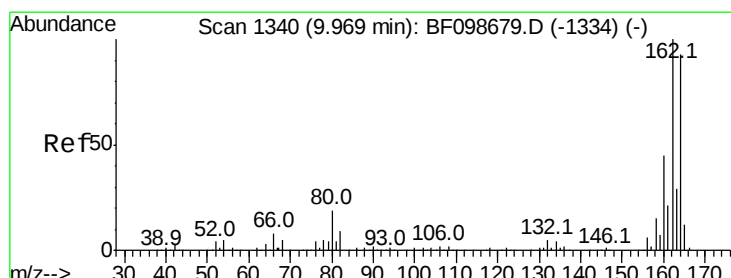
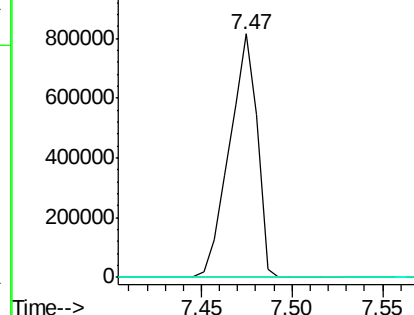
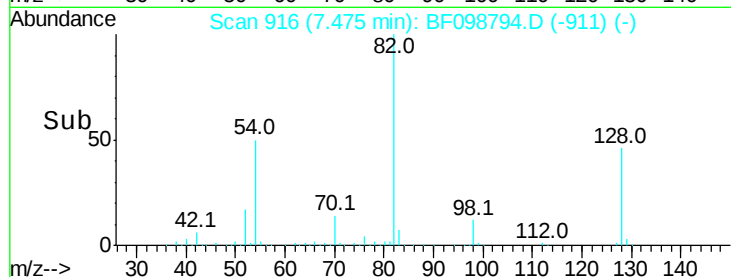
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



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): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF098794.D

Acq: 25 Sep 2017 20:36

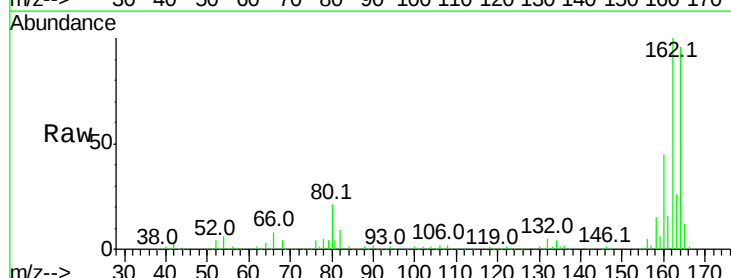
Tgt Ion:164 Resp: 268634

Ion Ratio Lower Upper

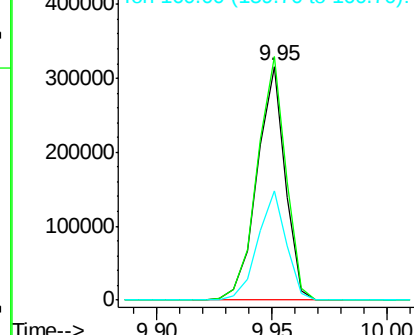
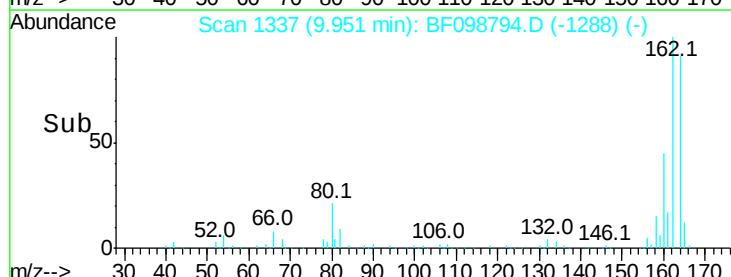
164 100

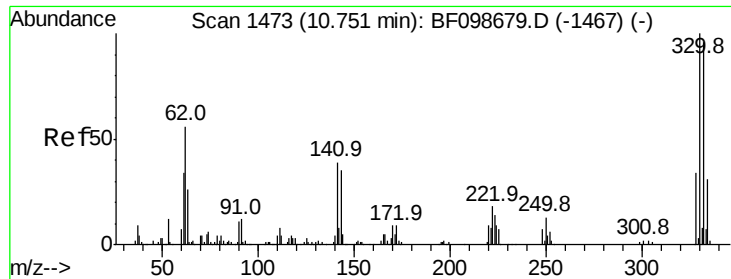
162 104.3 86.1 129.1

160 46.9 38.3 57.5



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

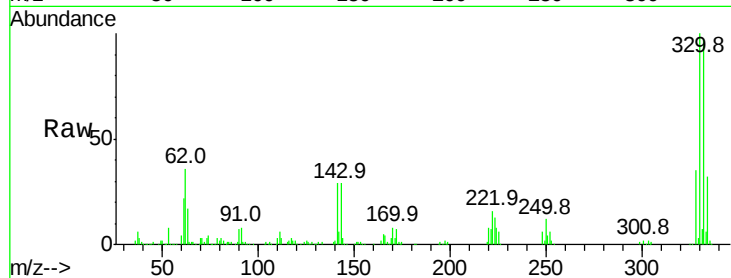




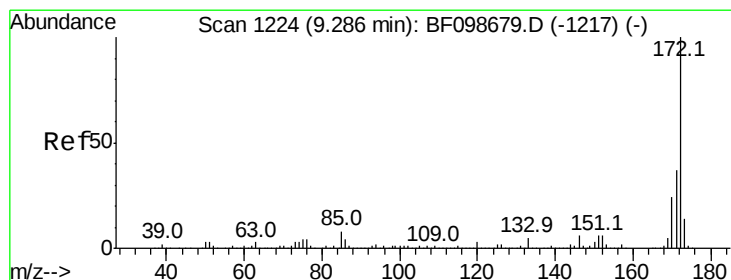
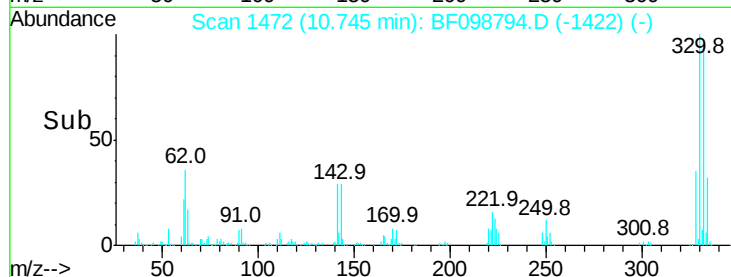
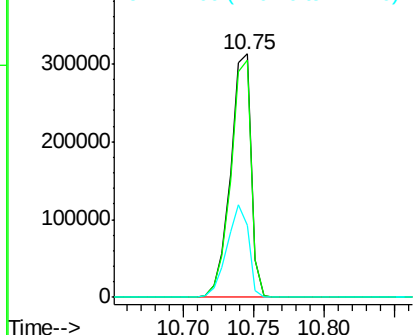
#41
 2,4,6-Tribromophenol
 Concen: 144.966 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098794.D
 Acq: 25 Sep 2017 20:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 318658
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 40.0 29.9 44.9

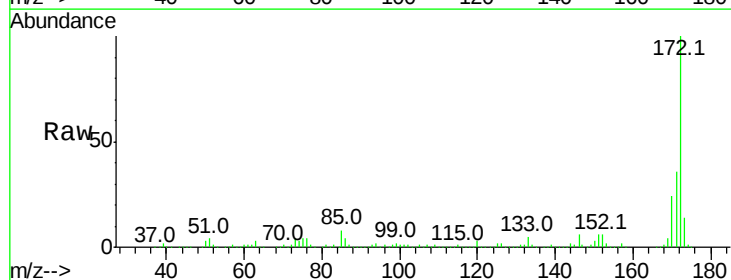


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

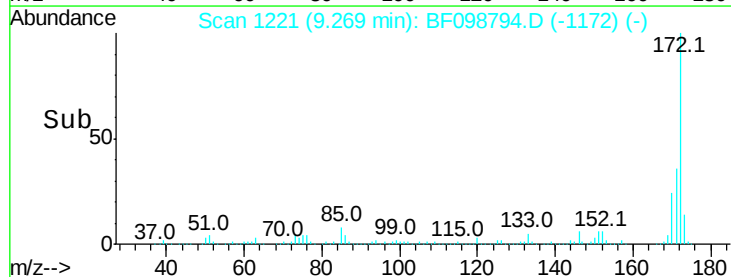
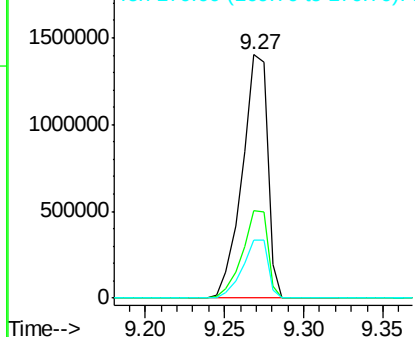


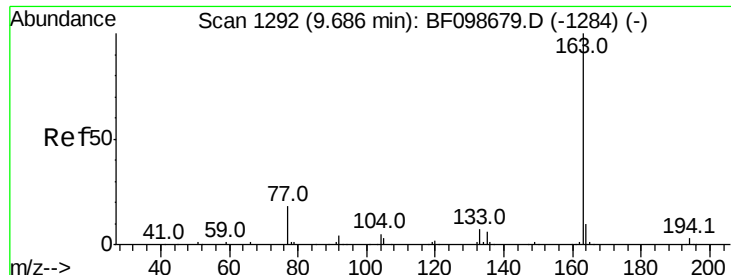
#44
 2-Fluorobiphenyl
 Concen: 96.241 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098794.D
 Acq: 25 Sep 2017 20:36

Tgt Ion:172 Resp: 1548668
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.0 19.6 29.4



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





#49

Dimethylphthalate

Concen: 11.268 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.02 min

Lab File: BF098794.D

Acq: 25 Sep 2017 20:36

Instrument :

BNA_F

ClientSampleId :

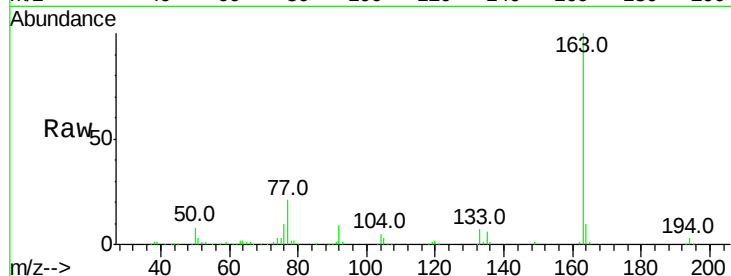
Tot Ion:163 Resp: 228464

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

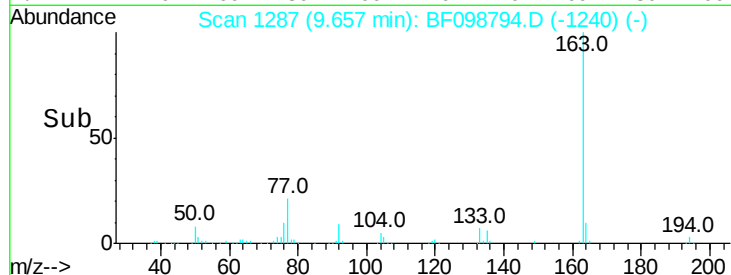
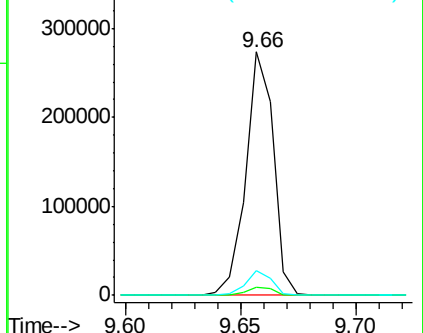
164 10.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 6.029 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.19 min

Lab File: BF098794.D

Acq: 25 Sep 2017 20:36

Tgt Ion:165 Resp: 34537

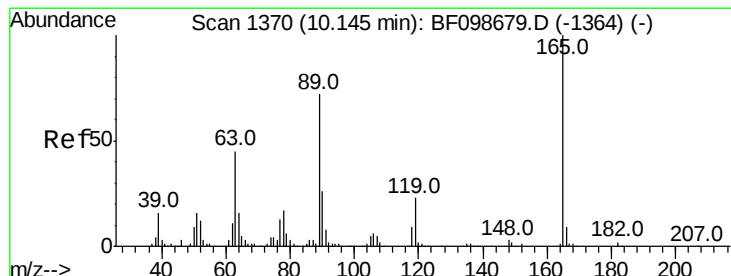
Ion Ratio Lower Upper

165 100

63 1.7 36.4 54.6#

89 1.5 57.8 86.6#

182 0.0 1.6 2.4#

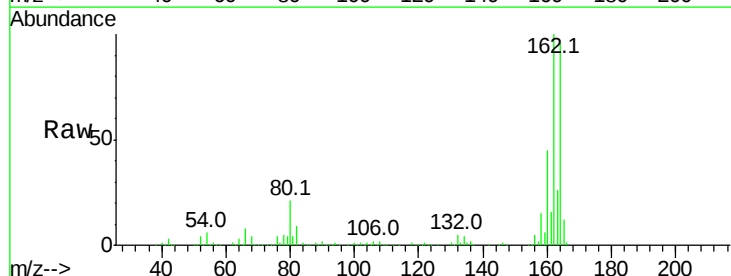
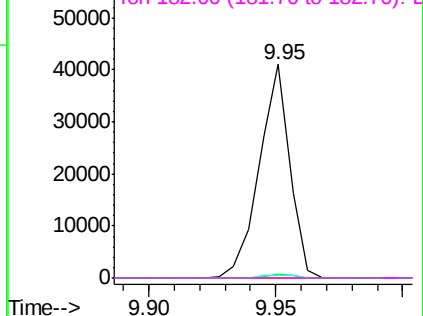


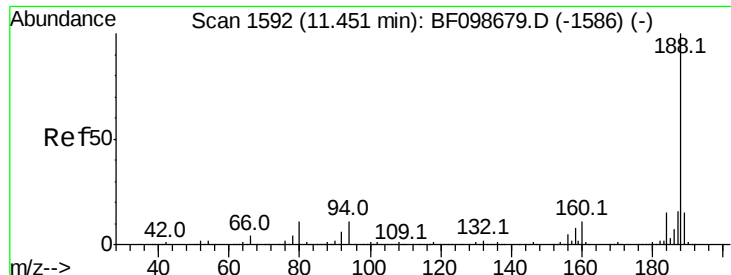
Abundance Ion 165.00 (164.70 to 165.70): E

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

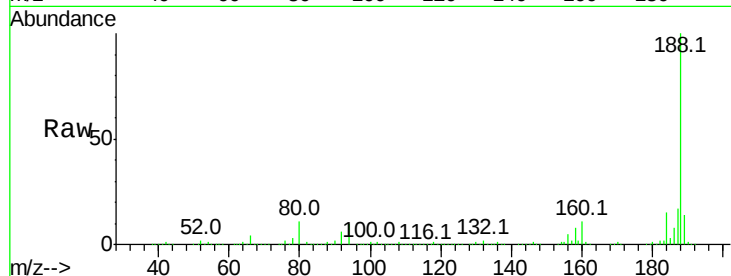




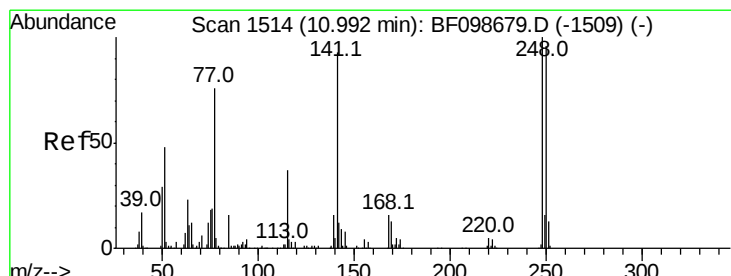
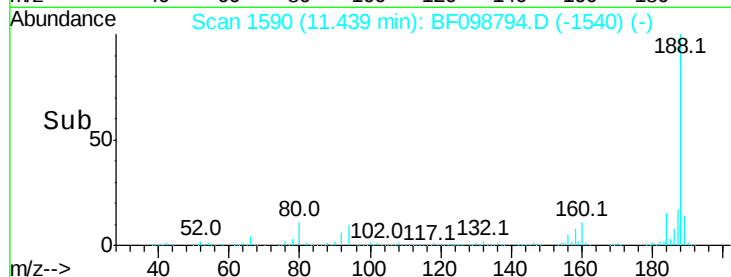
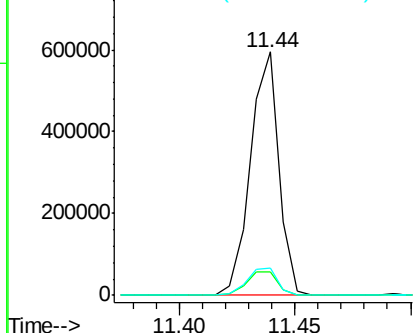
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098794.D
Acq: 25 Sep 2017 20:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	11.0	9.2	13.8

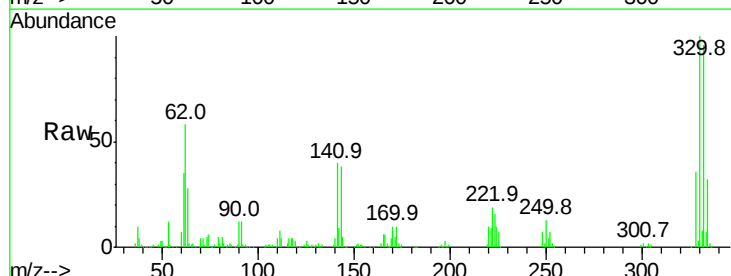


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

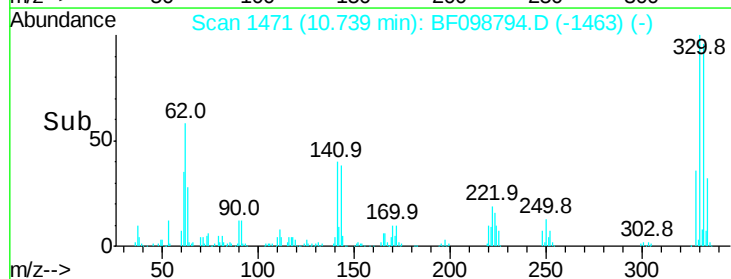
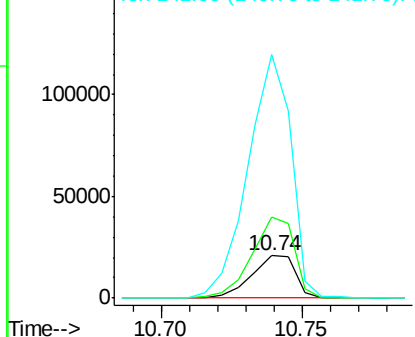


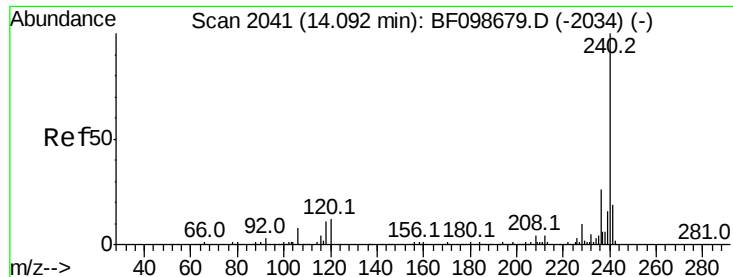
#66
4-Bromophenyl-phenylether
Concen: 4.449 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.25 min
Lab File: BF098794.D
Acq: 25 Sep 2017 20:36

Tgt Ion	Ratio	Lower	Upper
248	100		
250	191.7	76.9	115.3#
141	572.5	74.4	111.6#



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: 20.000 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF098794.D

Acq: 25 Sep 2017 20:36

Instrument :

BNA_F

ClientSampleId :

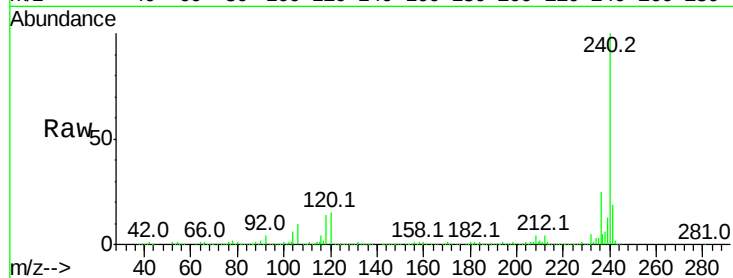
Tot Ion:240 Resp: 408850

Ion Ratio Lower Upper

240 100

120 15.2 9.5 14.3#

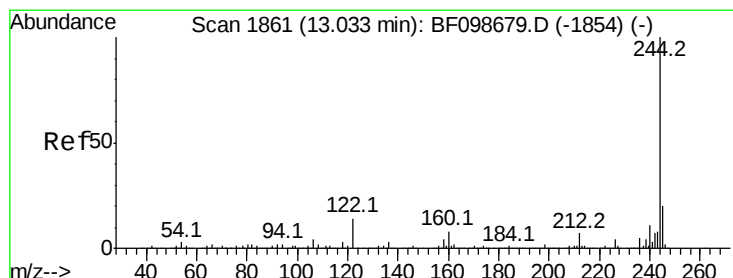
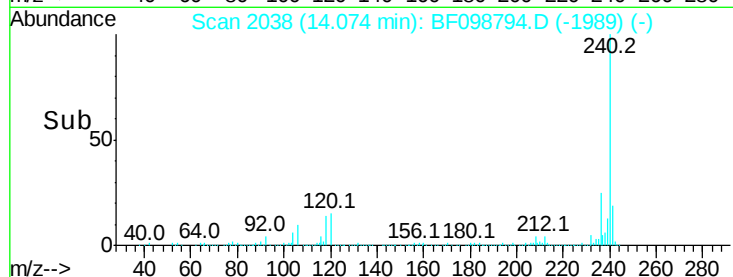
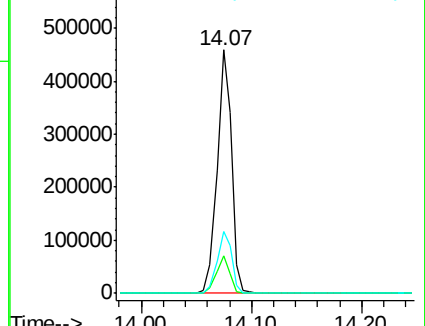
236 25.4 20.7 31.1



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: 82.940 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098794.D

Acq: 25 Sep 2017 20:36

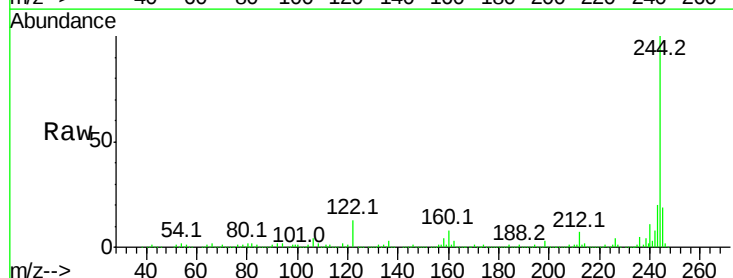
Tgt Ion:244 Resp: 1491070

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

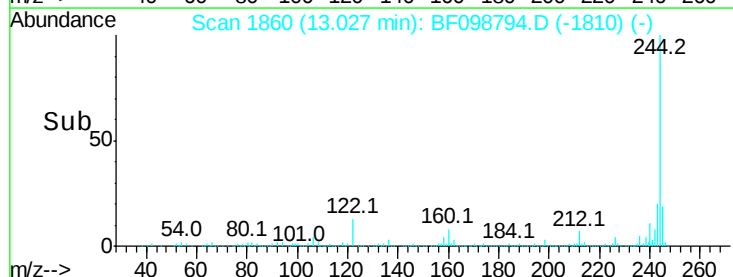
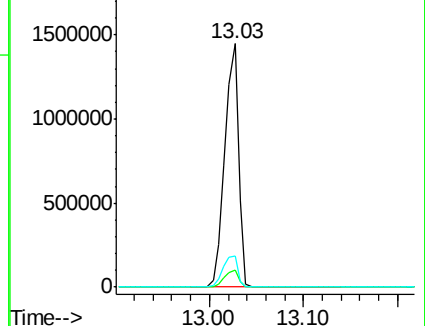
122 12.6 11.0 16.4

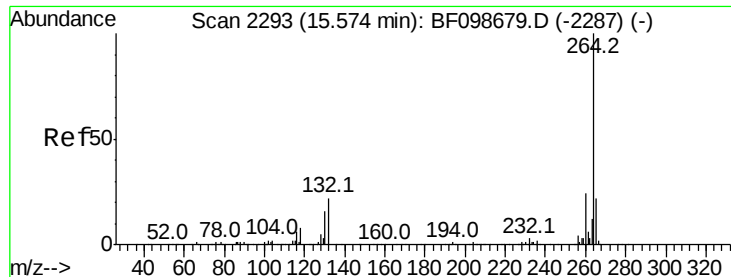


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF098794.D
Acq: 25 Sep 2017 20:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	299164
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.8	17.5	26.3

