

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120717\
 Data File : BF101221.D
 Acq On : 7 Dec 2017 22:28
 Operator : SJ/JU
 Sample : PB104800BL
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 07 23:49:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

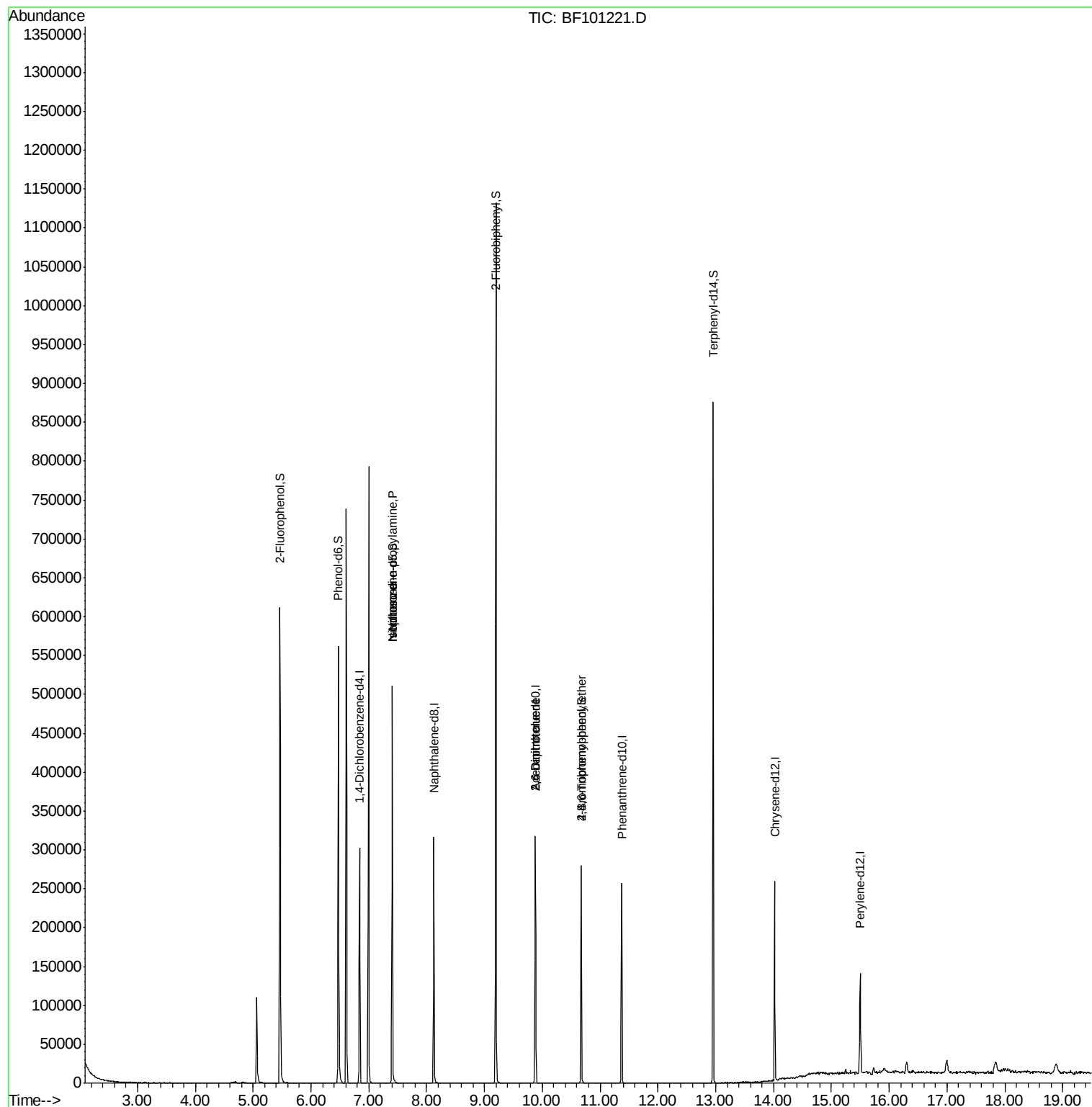
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	41624	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	148647	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	59895	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	101881	20.00	ng	0.00
75) Chrysene-d12	14.02	240	85184	20.00	ng	0.00
86) Perylene-d12	15.50	264	65395	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	167369	66.44	ng	0.00
7) Phenol-d6	6.47	99	190863	62.41	ng	0.00
23) Nitrobenzene-d5	7.40	82	154485	62.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	36438	50.64	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	338385	77.30	ng	-0.01
78) Terphenyl-d14	12.96	244	261152	67.06	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	20010	9.715	ng	# 83
25) Isophorone	7.40	82	154483	36.295	ng	# 64
50) 2,6-Dinitrotoluene	9.88	165	7771	7.638	ng	# 24
56) 2,4-Dinitrotoluene	9.88	165	7771	5.699	ng	# 21
66) 4-Bromophenyl-phenylether	10.67	248	2326	2.040	ng	# 1

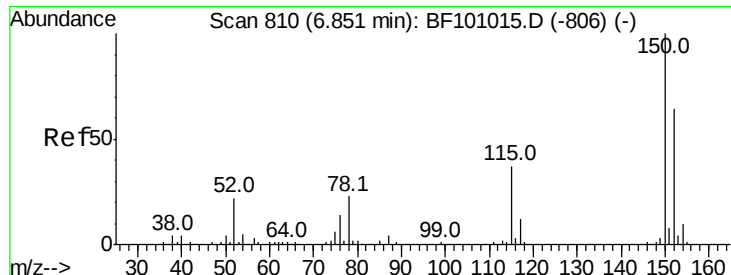
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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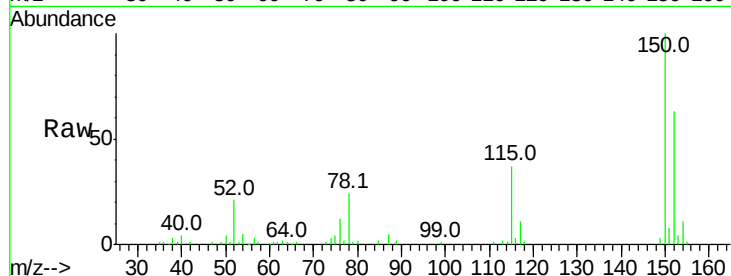


#1

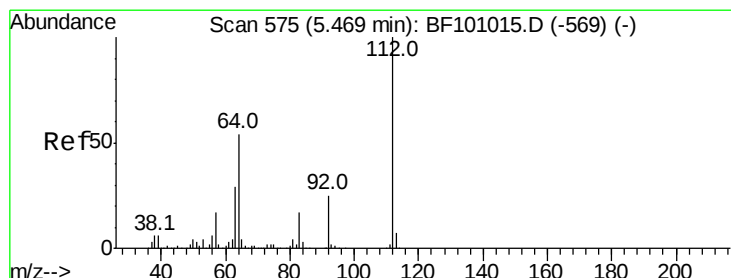
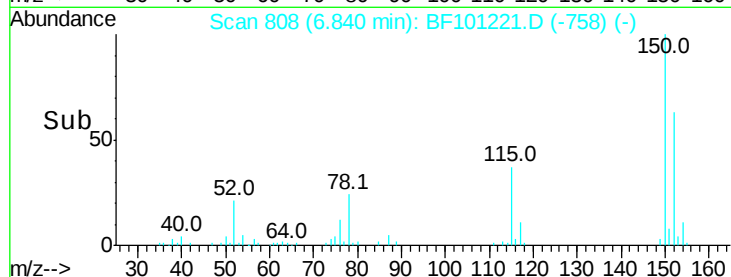
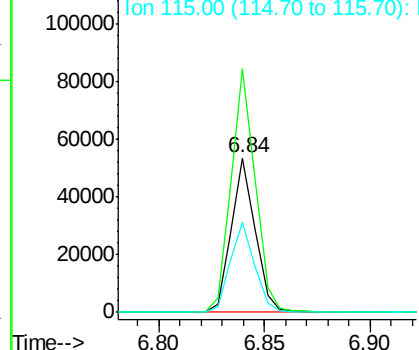
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF101221.D
Acq: 7 Dec 2017 22:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 41624
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 58.1 50.1 75.1



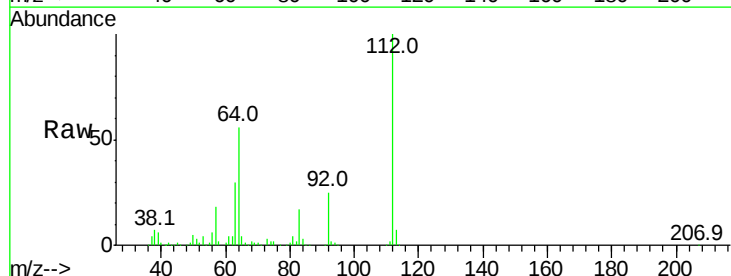
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



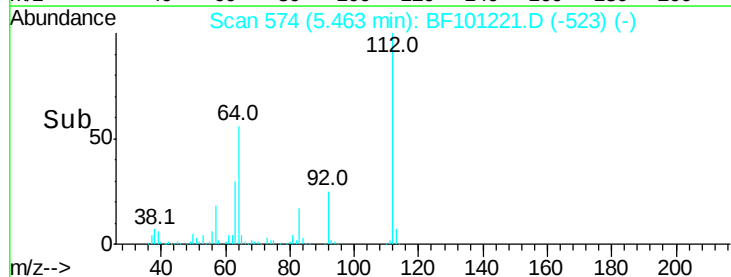
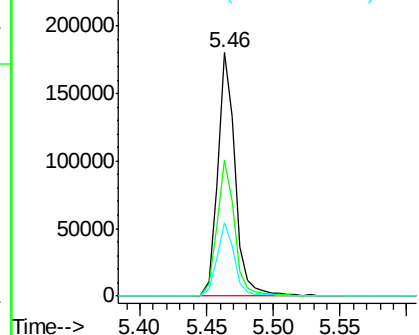
#5

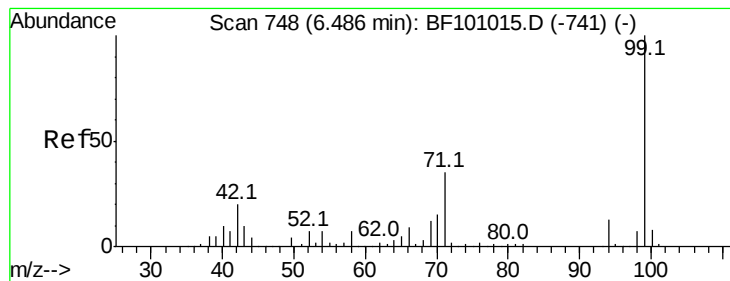
2-Fluorophenol
Concen: 66.444 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF101221.D
Acq: 7 Dec 2017 22:28

Tgt Ion:112 Resp: 167369
Ion Ratio Lower Upper
112 100
64 56.1 47.9 71.9
63 29.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 62.410 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF101221.D

Acq: 7 Dec 2017 22:28

Instrument :

BNA_F

ClientSampled :

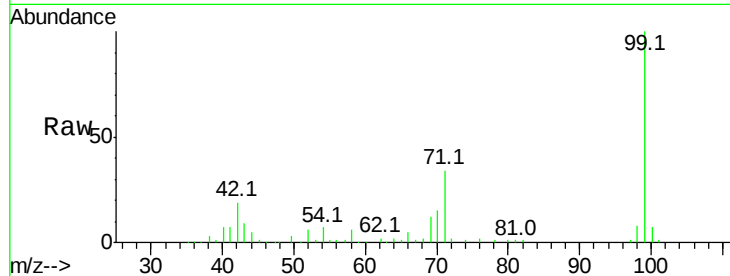
Tot Ion: 99 Resp: 190863

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

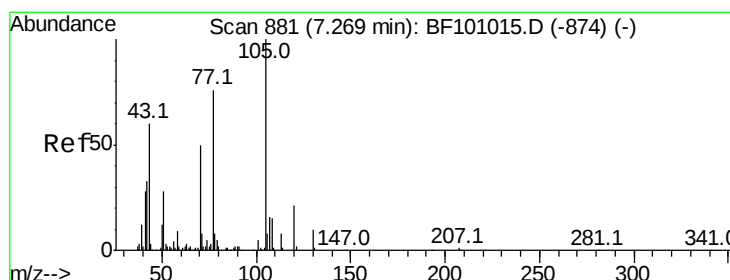
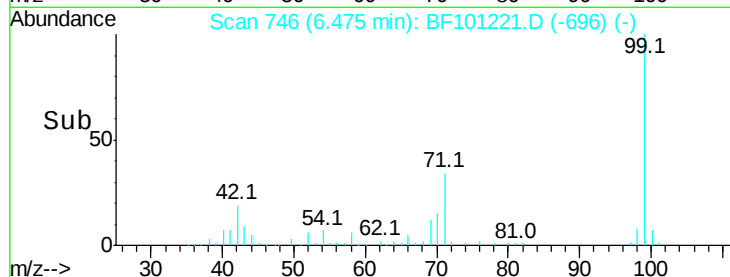
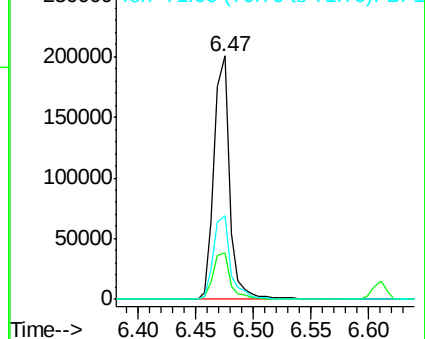
71 34.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 9.715 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF101221.D

Acq: 7 Dec 2017 22:28

Tgt Ion: 70 Resp: 20010

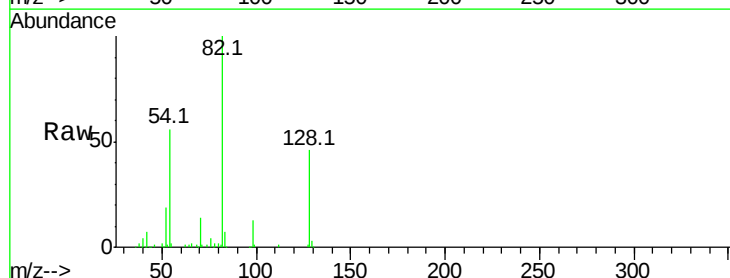
Ion Ratio Lower Upper

70 100

42 54.0 47.5 71.3

101 0.0 7.4 11.2#

130 1.7 16.6 25.0#

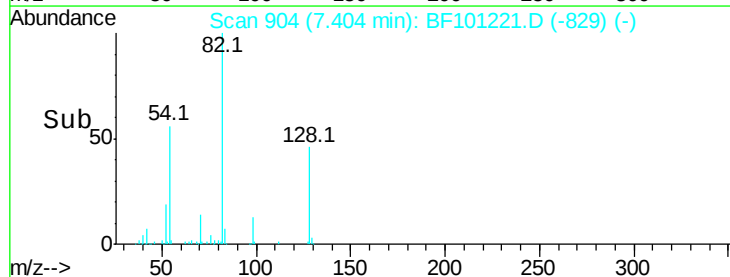
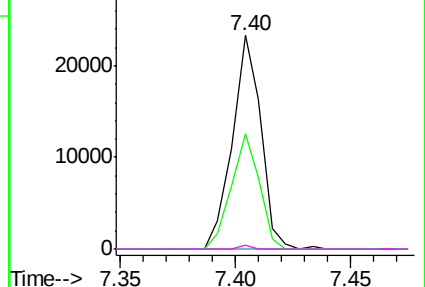


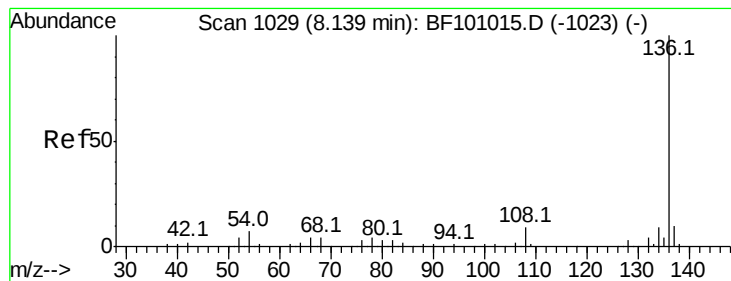
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF101221.D

Acq: 7 Dec 2017 22:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 148647

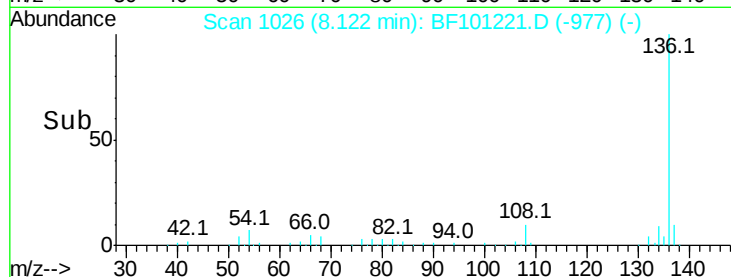
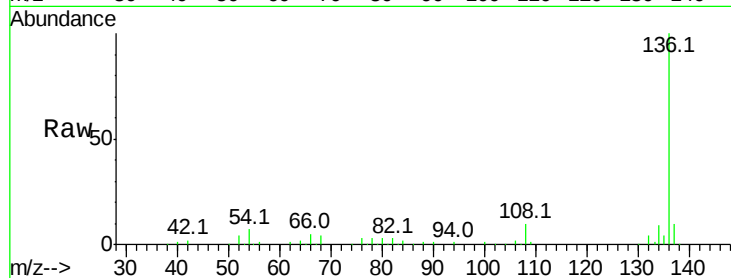
Ion Ratio Lower Upper

136 100

137 10.2 8.9 13.3

54 7.3 6.6 9.8

68 4.5 5.0 7.4#

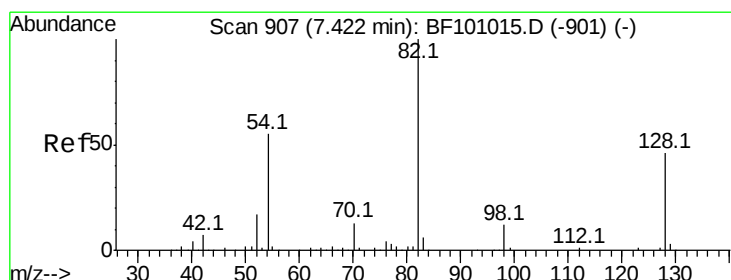
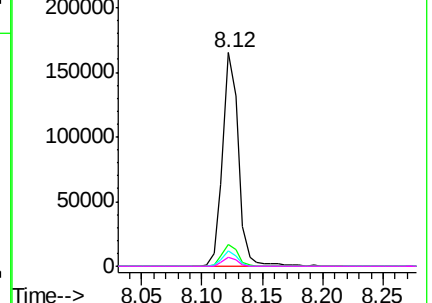


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 61.996 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF101221.D

Acq: 7 Dec 2017 22:28

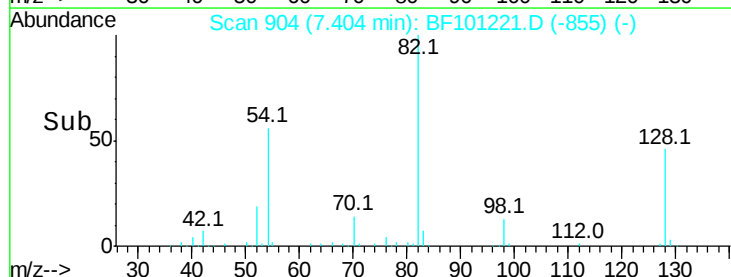
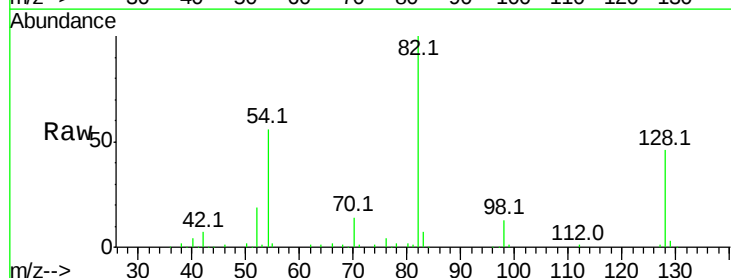
Tgt Ion: 82 Resp: 154485

Ion Ratio Lower Upper

82 100

128 45.9 36.1 54.1

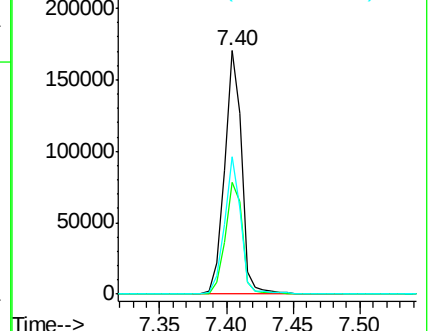
54 56.4 41.4 62.2

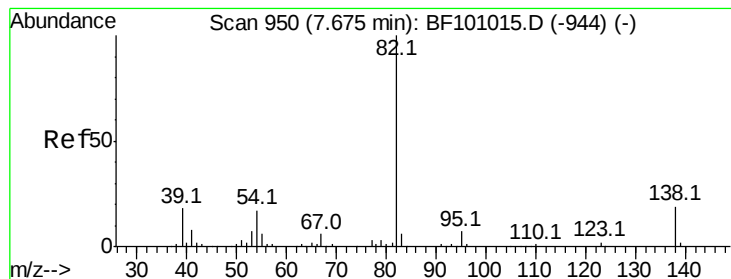


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 36.295 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.27 min

Lab File: BF101221.D

Acq: 7 Dec 2017 22:28

Instrument :

BNA_F

ClientSampled :

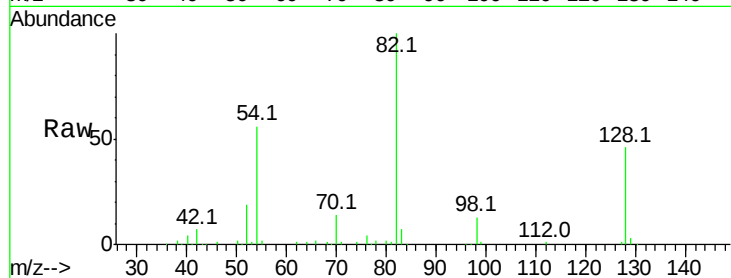
Tot Ion: 82 Resp: 154483

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

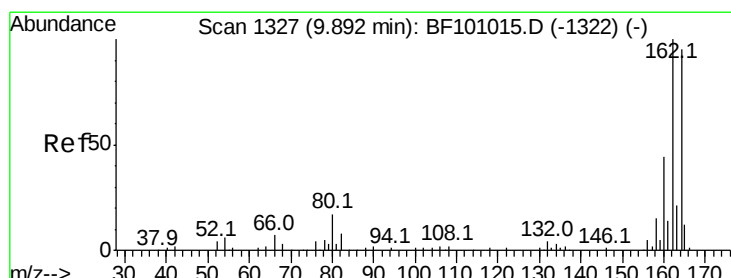
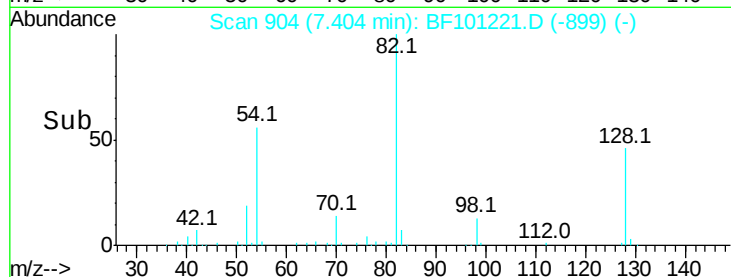
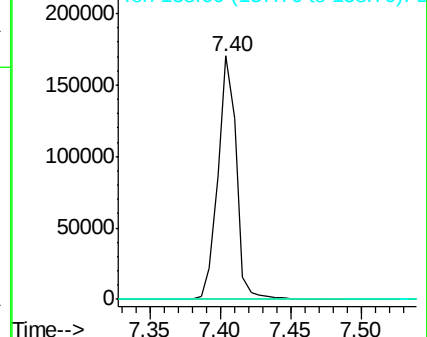
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF101221.D

Acq: 7 Dec 2017 22:28

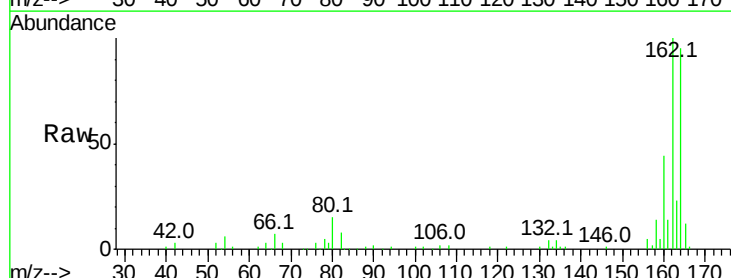
Tgt Ion:164 Resp: 59895

Ion Ratio Lower Upper

164 100

162 105.5 86.1 129.1

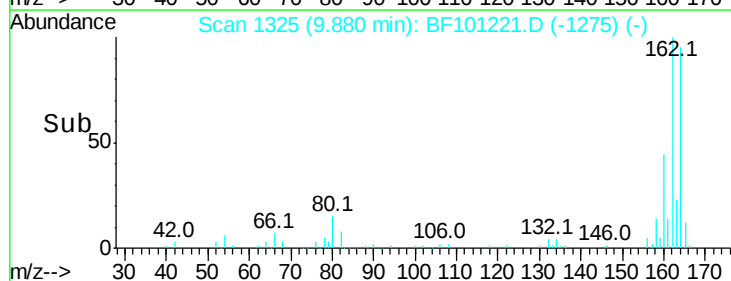
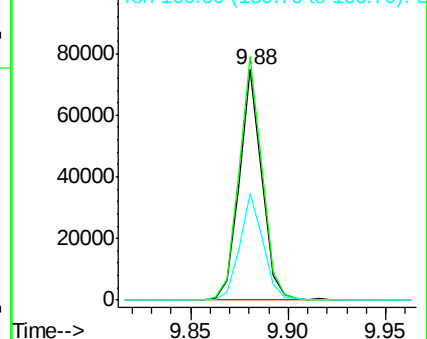
160 46.1 38.3 57.5

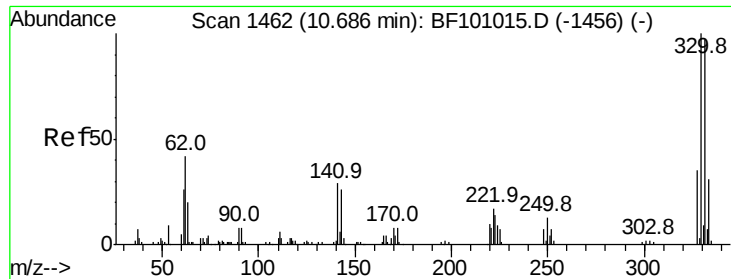


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

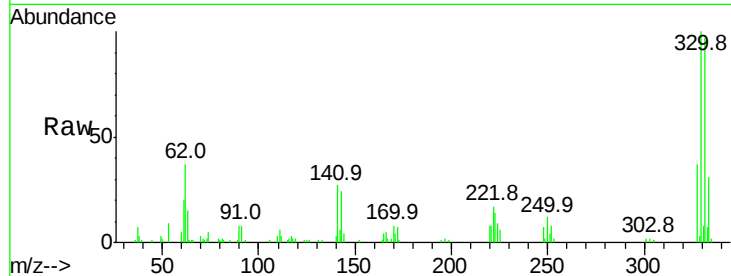




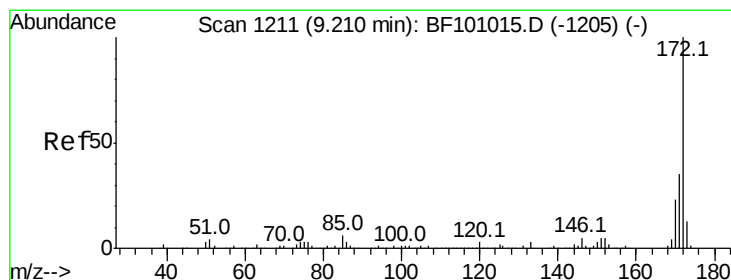
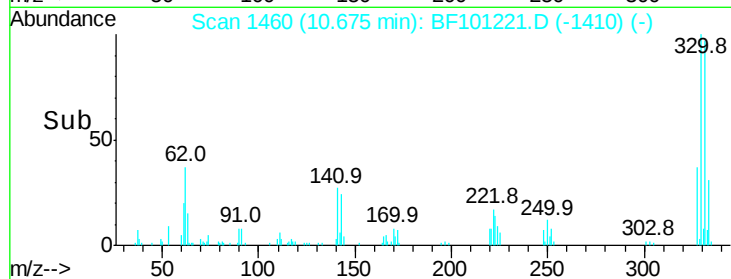
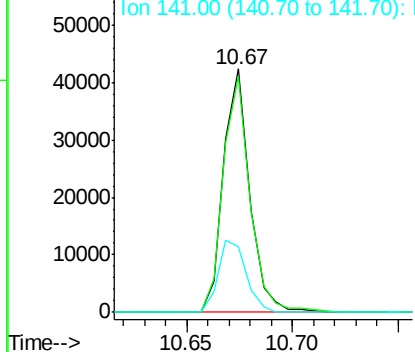
#41
 2,4,6-Tribromophenol
 Concen: 50.643 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF101221.D
 Acq: 7 Dec 2017 22:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 36438
 Ion Ratio Lower Upper
 330 100
 332 99.0 77.0 115.6
 141 31.2 29.9 44.9

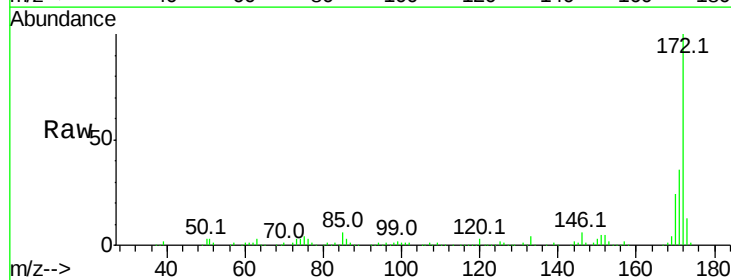


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

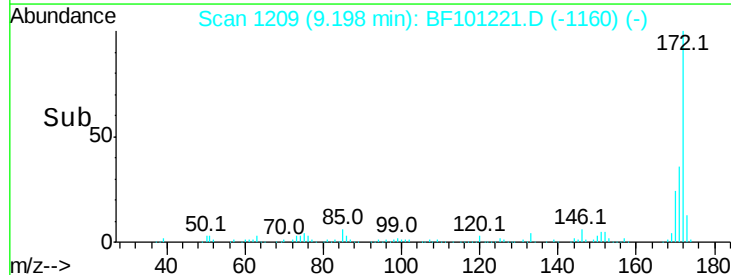
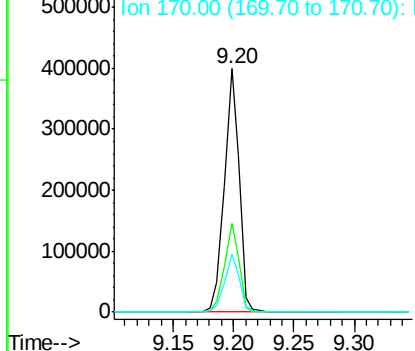


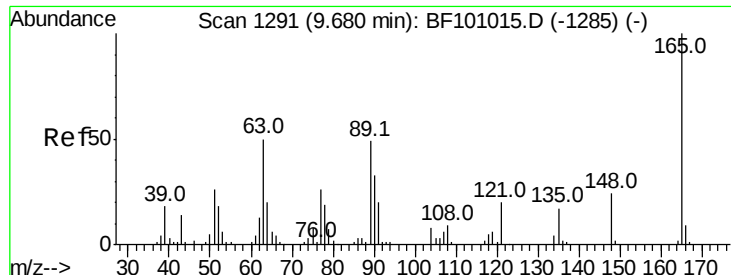
#44
 2-Fluorobiphenyl
 Concen: 77.298 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF101221.D
 Acq: 7 Dec 2017 22:28

Tgt Ion:172 Resp: 338385
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 23.8 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

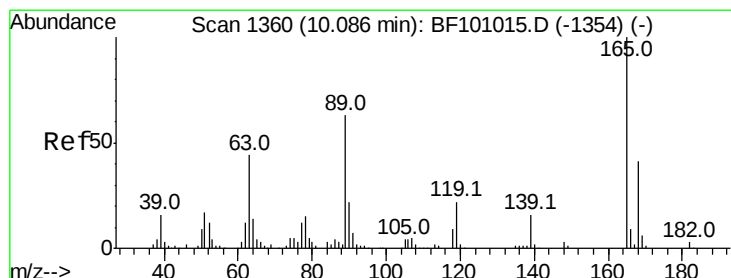
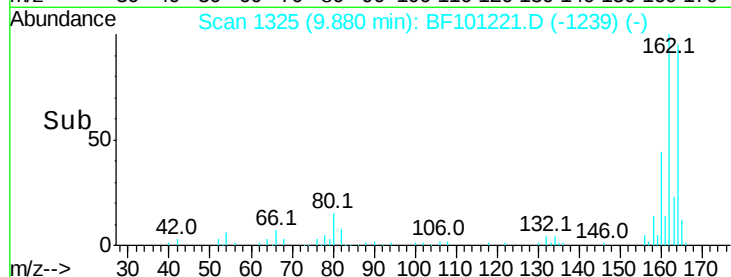
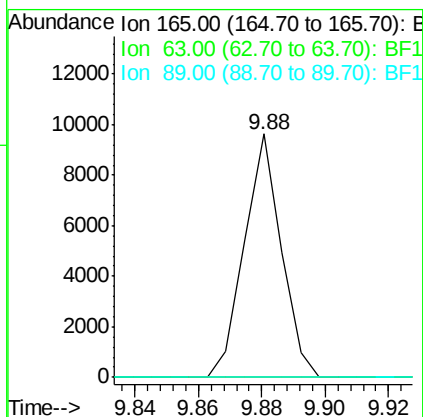
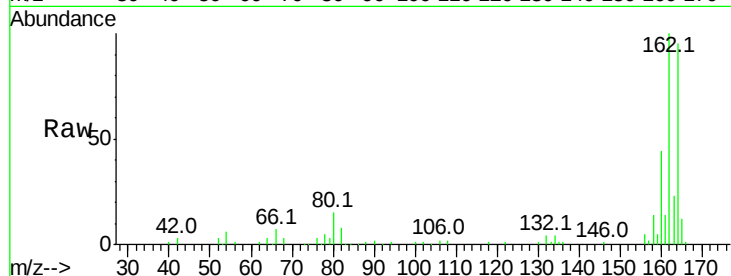




#50
 2,6-Dinitrotoluene
 Concen: 7.638 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.21 min
 Lab File: BF101221.D
 Acq: 7 Dec 2017 22:28

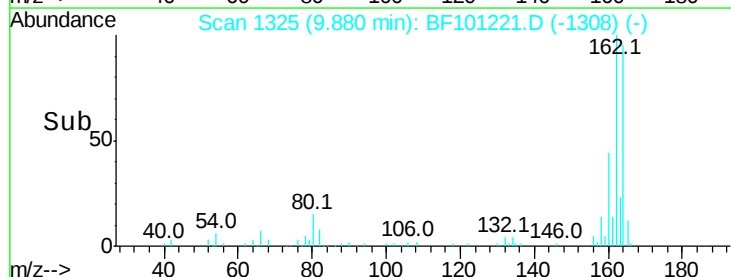
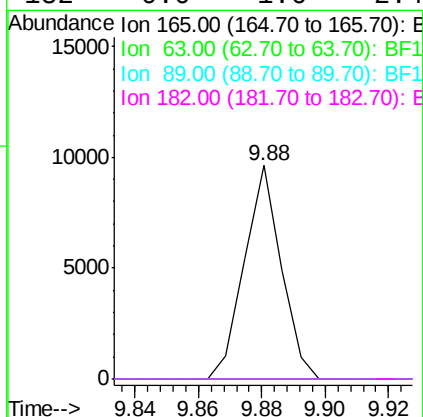
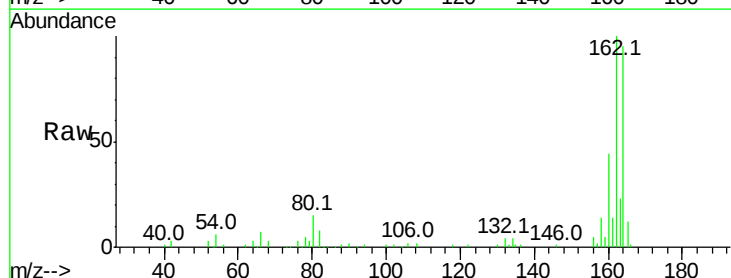
Instrument :
 BNA_F
 ClientSampleId :

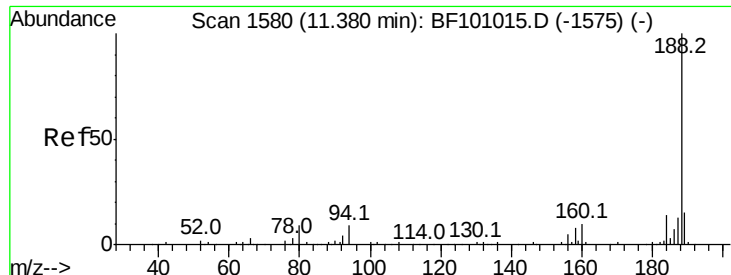
Tot Ion:165 Resp: 7771
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.699 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.20 min
 Lab File: BF101221.D
 Acq: 7 Dec 2017 22:28

Tgt Ion:165 Resp: 7771
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 0.0 57.8 86.6#
 182 0.0 1.6 2.4#

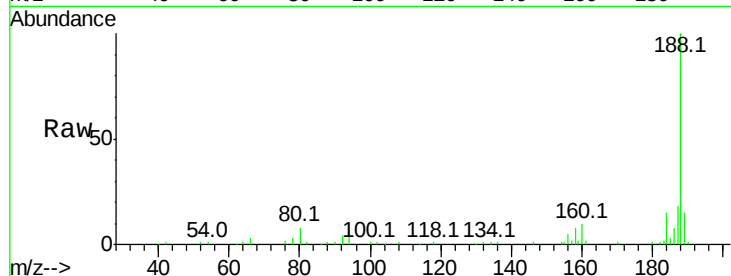




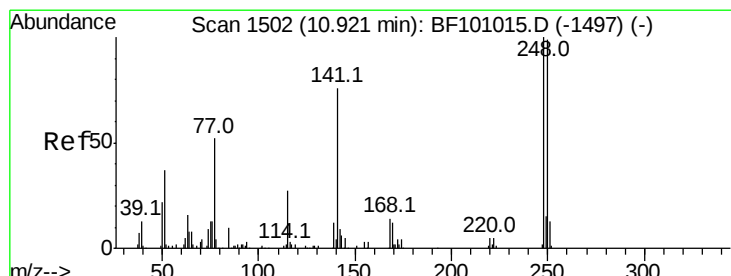
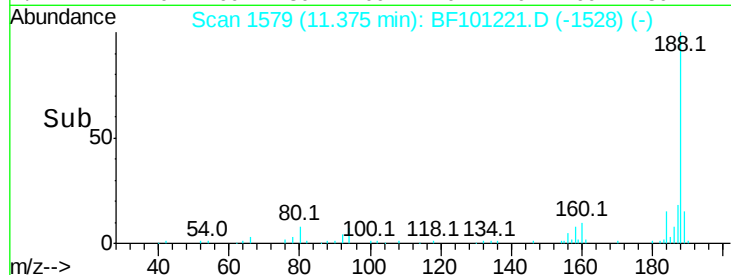
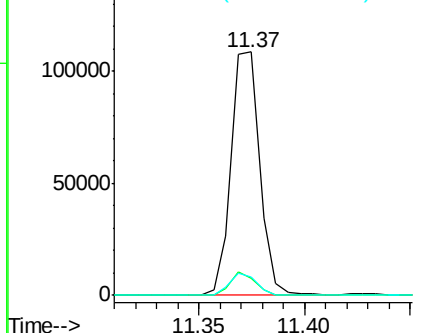
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF101221.D
 Acq: 7 Dec 2017 22:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.9	8.5	12.7#
80	7.8	9.2	13.8#



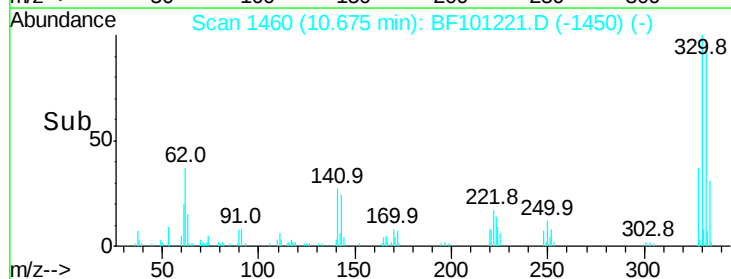
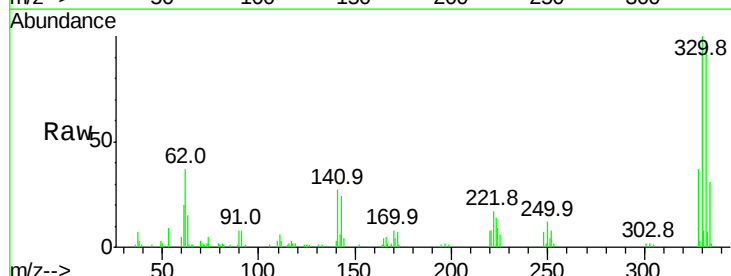
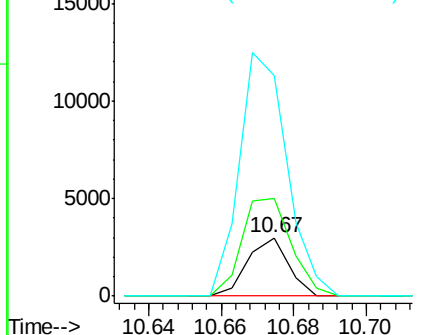
Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

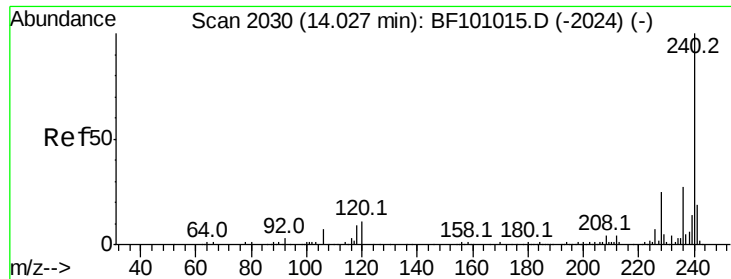


#66
 4-Bromophenyl-phenylether
 Concen: 2.040 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.24 min
 Lab File: BF101221.D
 Acq: 7 Dec 2017 22:28

Tgt Ion	Ratio	Lower	Upper
248	100		
250	166.7	76.9	115.3#
141	378.3	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

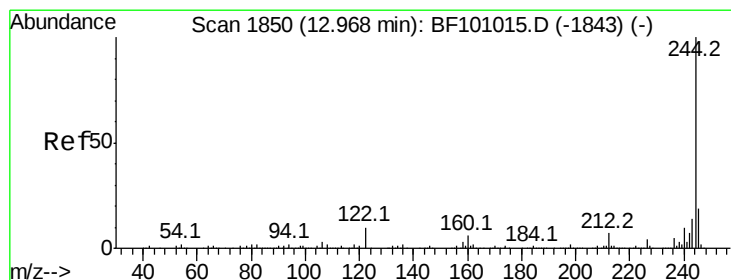
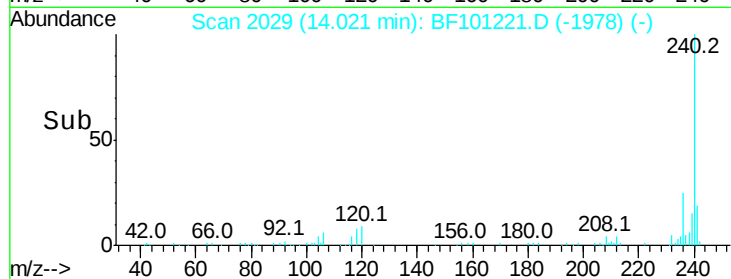
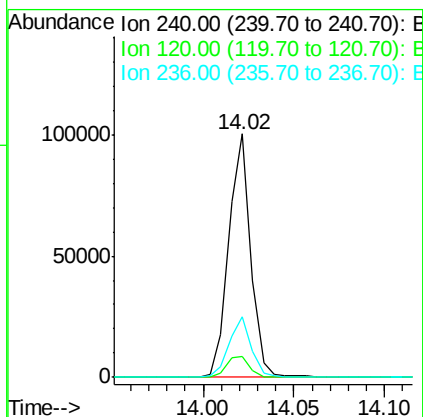
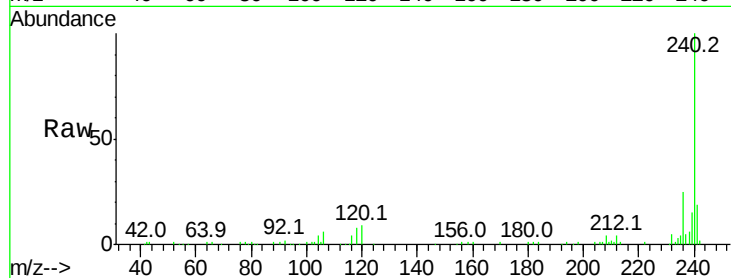




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: BF101221.D
 Acq: 7 Dec 2017 22:28

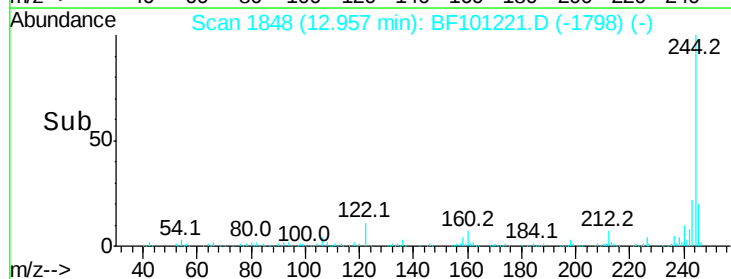
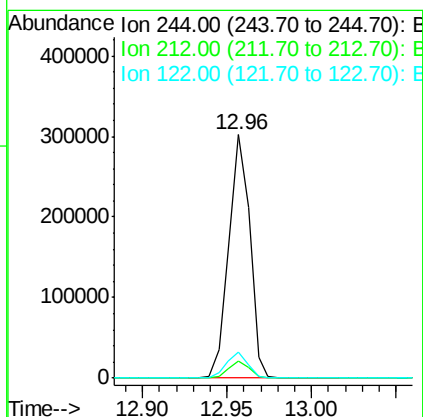
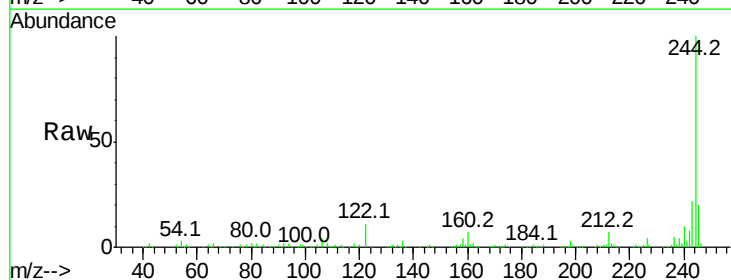
Instrument :
 BNA_F
 ClientSampled :

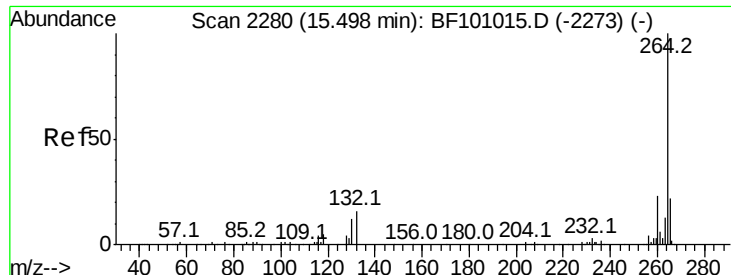
Tot Ion:240 Resp: 85184
 Ion Ratio Lower Upper
 240 100
 120 8.6 9.5 14.3#
 236 25.0 20.7 31.1



#78
 Terphenyl-d14
 Concen: 67.056 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF101221.D
 Acq: 7 Dec 2017 22:28

Tgt Ion:244 Resp: 261152
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.8 11.0 16.4#





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.01 min
 Lab File: BF101221.D
 Acq: 7 Dec 2017 22:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.5	17.5	26.3

