

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
 Data File : BF100122.D
 Acq On : 3 Nov 2017 9:02
 Operator : SJ/JU
 Sample : I6254-03
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 03 11:53:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 18:13:08 2017
 Response via : Initial Calibration

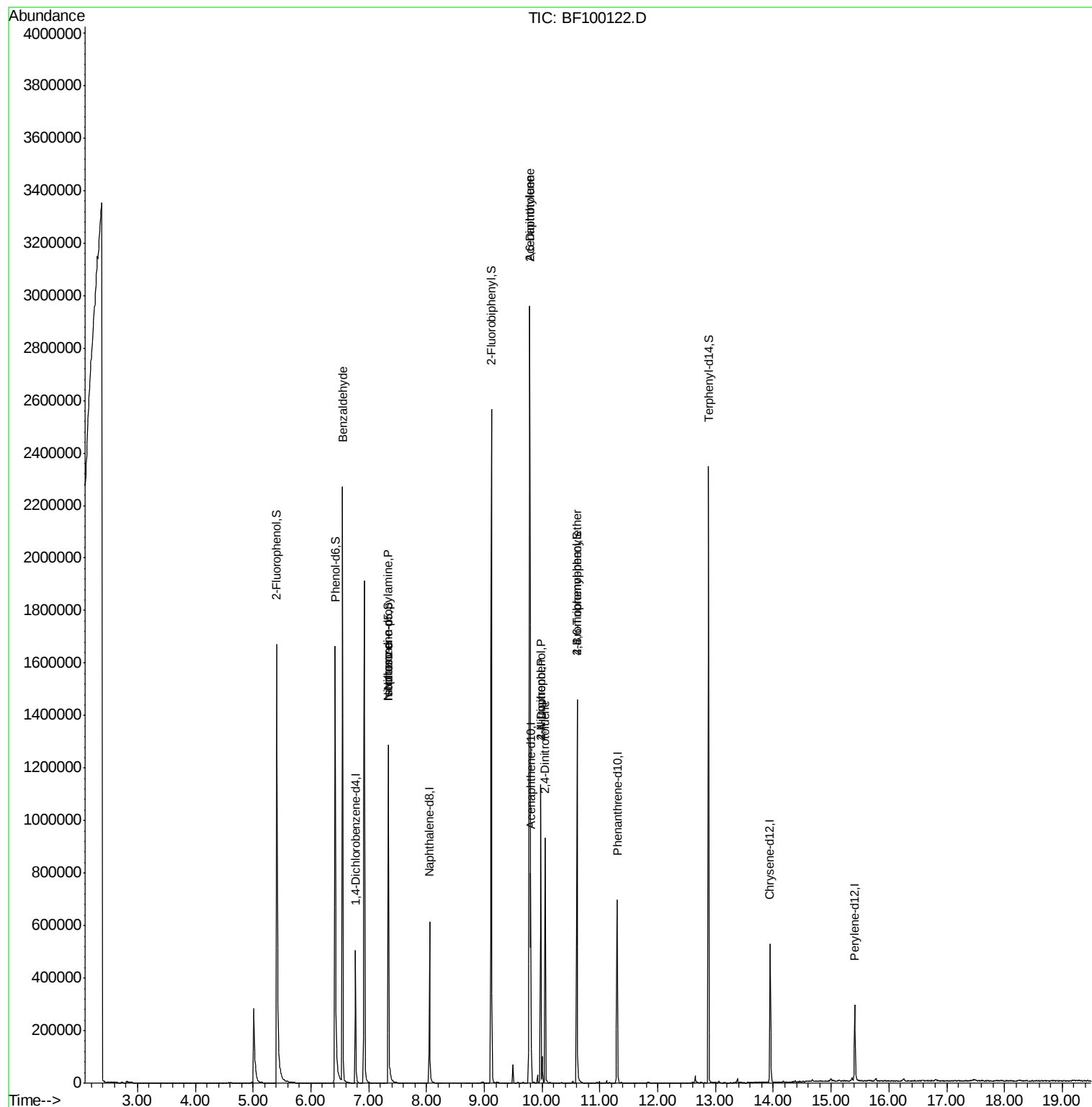
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	85991	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	347713	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	186098	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	286606	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	196476	20.00	ng	-0.03
86) Perylene-d12	15.41	264	142977	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	694231	126.75	ng	0.02
7) Phenol-d6	6.42	99	765118	117.81	ng	0.00
23) Nitrobenzene-d5	7.34	82	500616	92.69	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	202388	119.34	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	986108	81.75	ng	-0.01
78) Terphenyl-d14	12.88	244	878623	97.73	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.55	77	12854	3.312	ng	94
19) n-Nitroso-di-n-propylamine	7.34	70	61417	16.137	ng	# 70
25) Isophorone	7.34	82	500616	51.081	ng	# 64
48) Acenaphthylene	9.79	152	184734	9.810	ng	# 86
50) 2,6-Dinitrotoluene	9.79	165	349902	112.939	ng	# 36
53) 2,4-Dinitrophenol	9.97	184	1695	7.047	ng	# 1
55) 4-Nitrophenol	9.97	139	5291	2.774	ng	# 1
56) 2,4-Dinitrotoluene	10.06	165	84901	22.755	ng	# 35
66) 4-Bromophenyl-phenylether	10.60	248	13266	4.397	ng	# 1

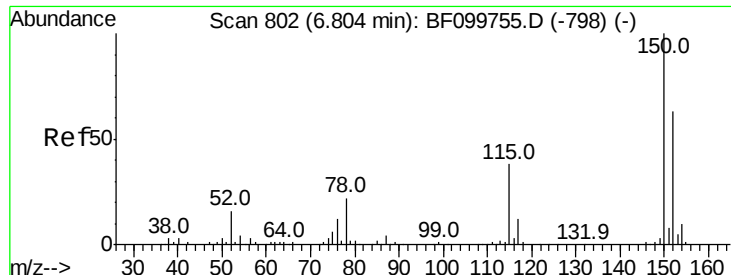
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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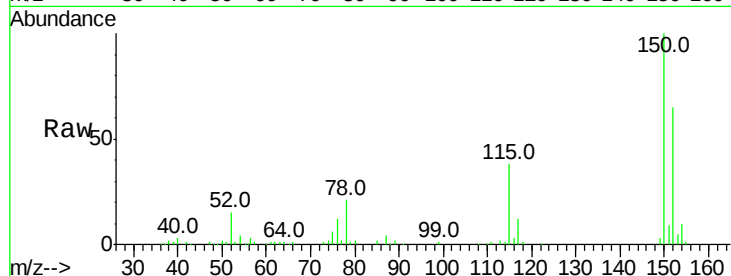


#1

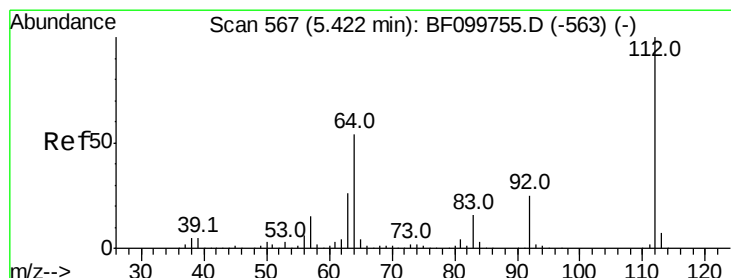
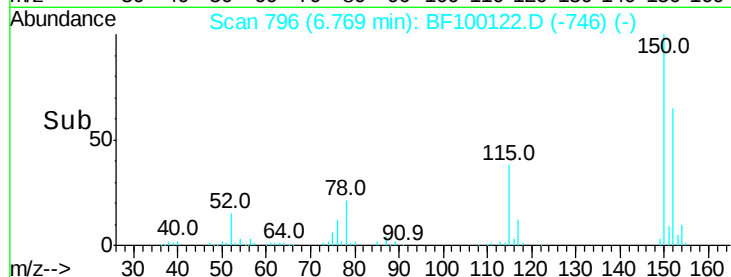
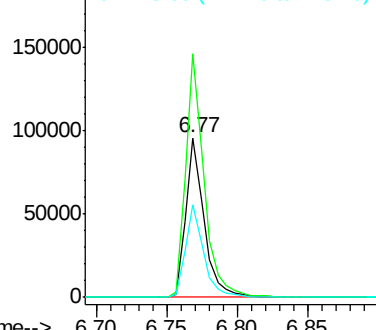
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF100122.D
Acq: 3 Nov 2017 9:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 85991
Ion Ratio Lower Upper
152 100
150 152.8 124.6 186.8
115 57.9 50.1 75.1



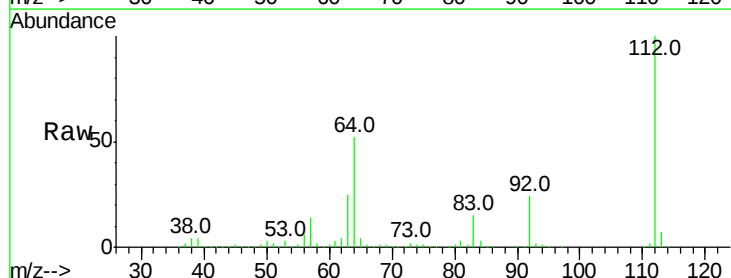
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



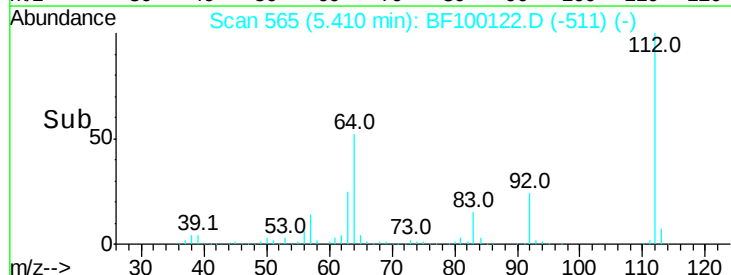
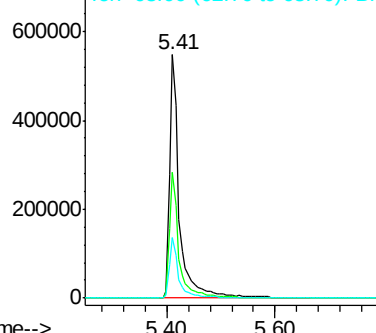
#5

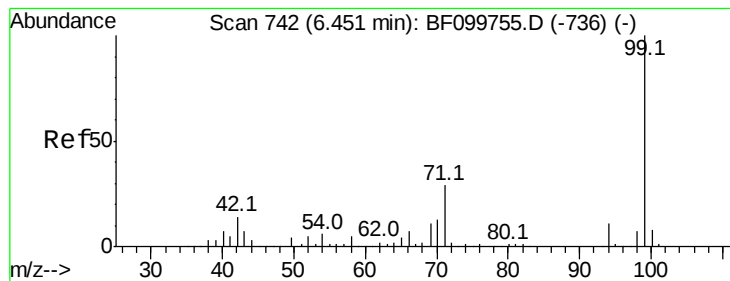
2-Fluorophenol
Concen: 126.748 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.02 min
Lab File: BF100122.D
Acq: 3 Nov 2017 9:02

Tgt Ion:112 Resp: 694231
Ion Ratio Lower Upper
112 100
64 52.0 47.9 71.9
63 24.8 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: 117.810 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100122.D

Acq: 3 Nov 2017 9:02

Instrument :

BNA_F

ClientSampleId :

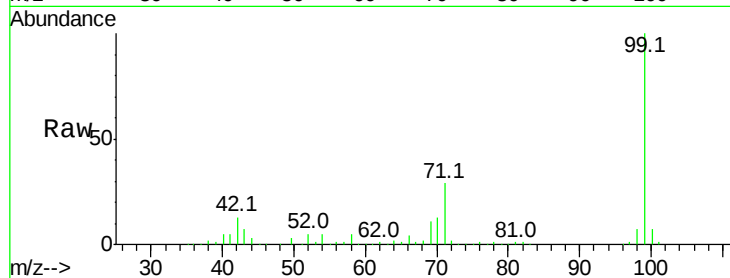
Tot Ion: 99 Resp: 765118

Ion Ratio Lower Upper

99 100

42 13.4 14.5 21.7#

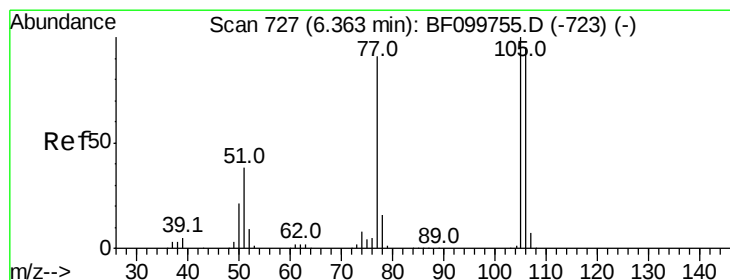
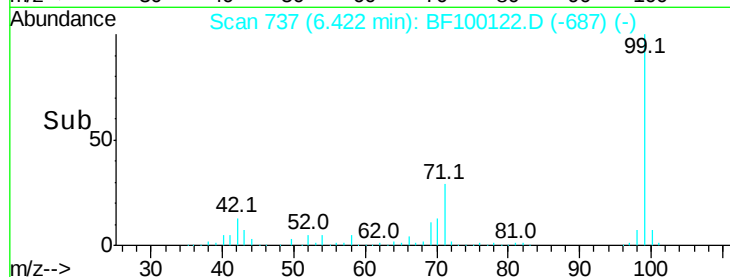
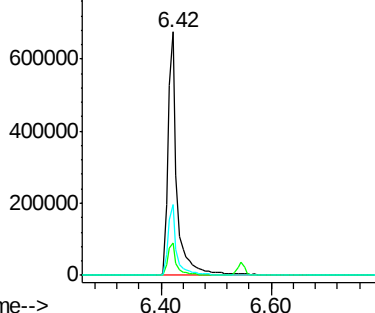
71 29.1 25.4 38.0



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



#9

Benzaldehyde

Concen: 3.312 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.21 min

Lab File: BF100122.D

Acq: 3 Nov 2017 9:02

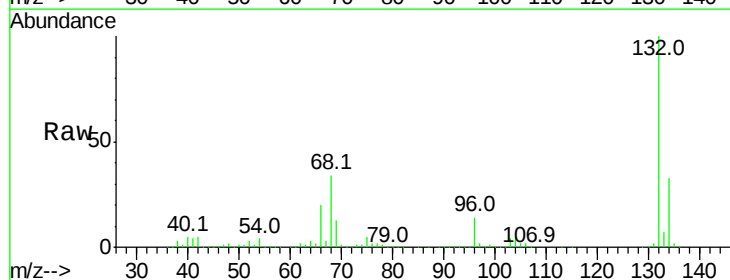
Tgt Ion: 77 Resp: 12854

Ion Ratio Lower Upper

77 100

105 90.9 81.1 121.1

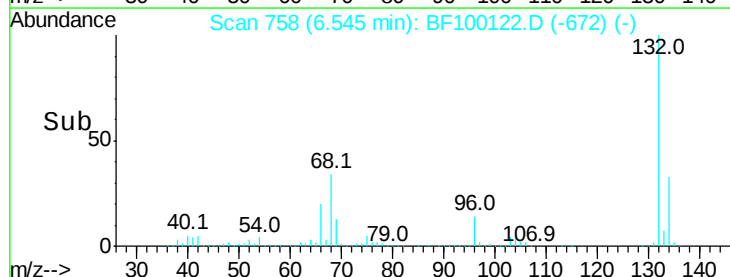
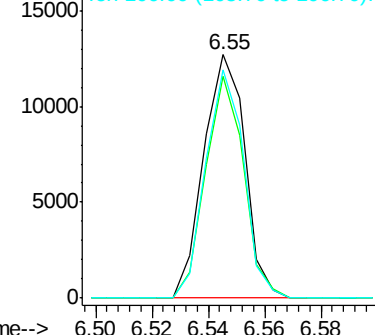
106 93.6 74.5 114.5

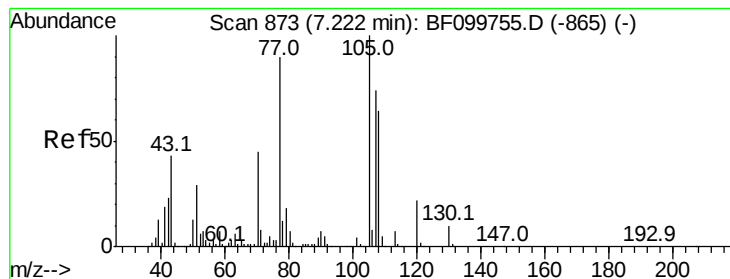


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 16.137 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.15 min

Lab File: BF100122.D

Acq: 3 Nov 2017 9:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 61417

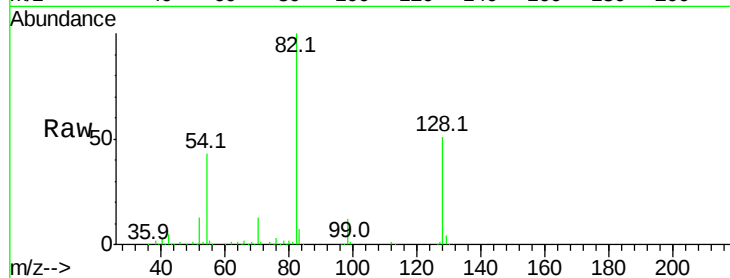
Ion Ratio Lower Upper

70 100

42 39.2 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

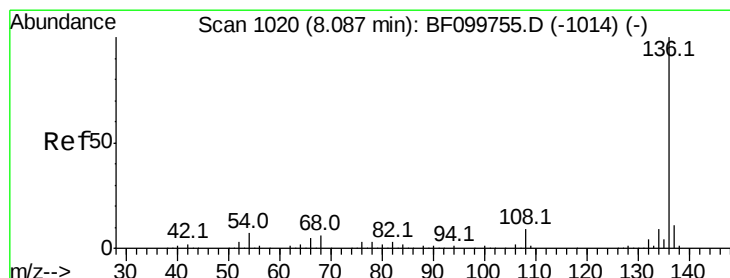
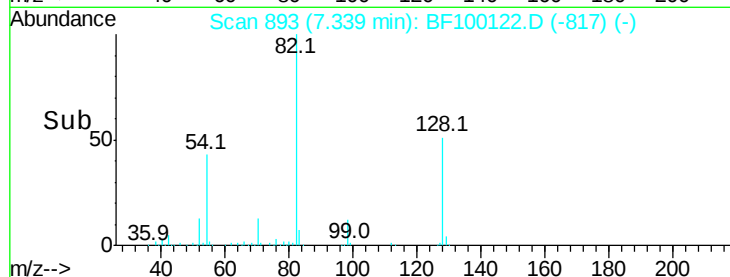
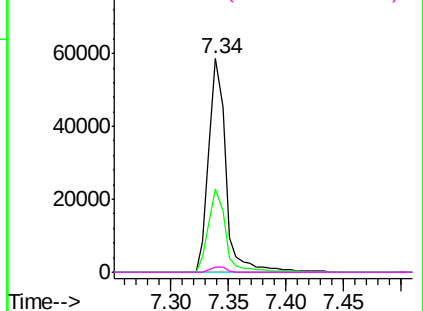


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF100122.D

Acq: 3 Nov 2017 9:02

Tgt Ion: 136 Resp: 347713

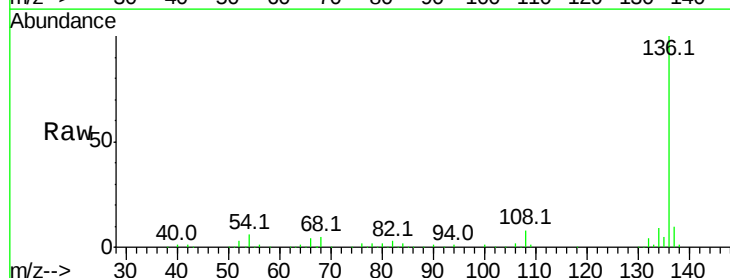
Ion Ratio Lower Upper

136 100

137 10.2 8.9 13.3

54 5.6 6.6 9.8#

68 5.4 5.0 7.4

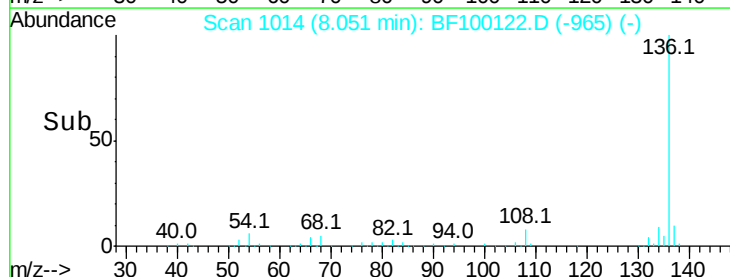
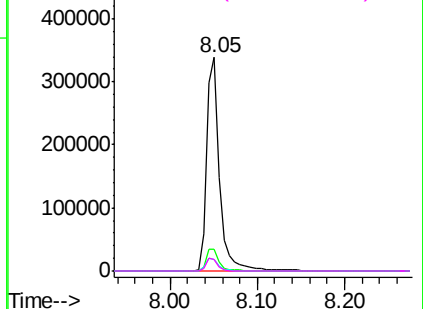


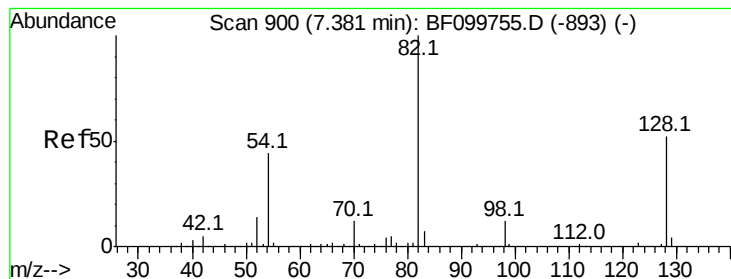
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 92.691 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF100122.D

Acq: 3 Nov 2017 9:02

Instrument :

BNA_F

ClientSampleId :

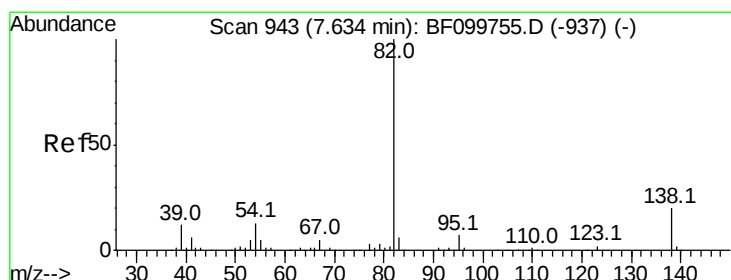
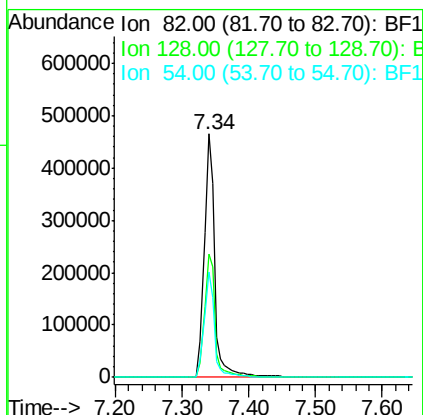
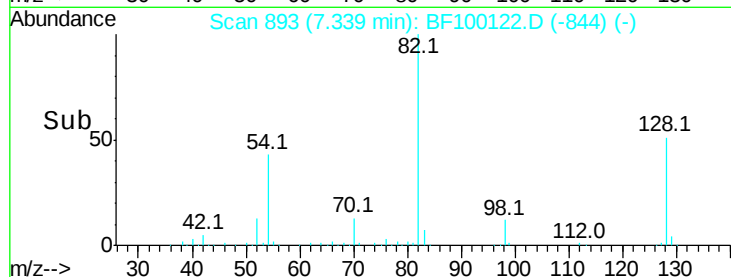
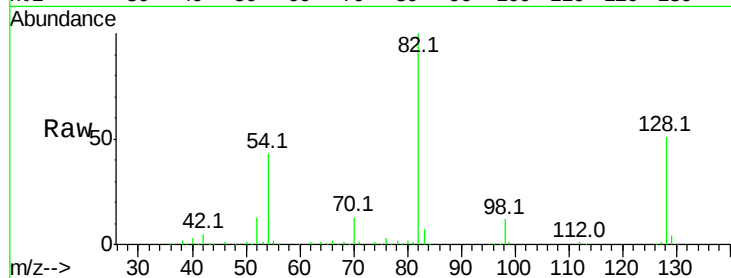
Tot Ion: 82 Resp: 500616

Ion Ratio Lower Upper

82 100

128 50.6 36.1 54.1

54 43.3 41.4 62.2



#25

Isophorone

Concen: 51.081 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.26 min

Lab File: BF100122.D

Acq: 3 Nov 2017 9:02

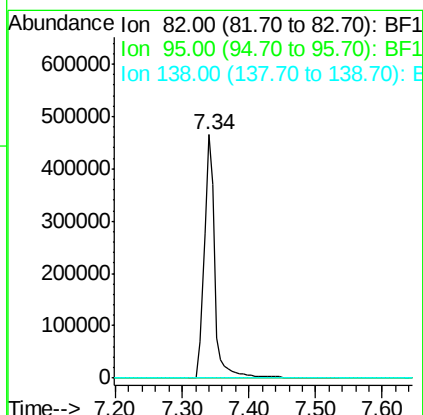
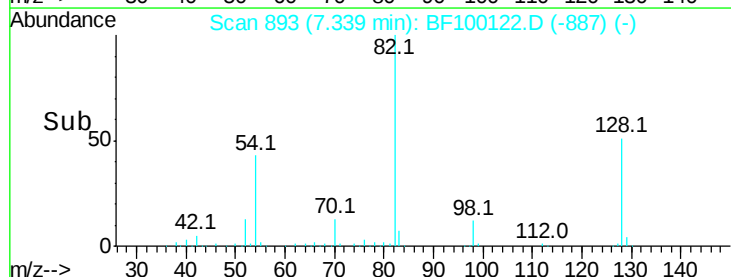
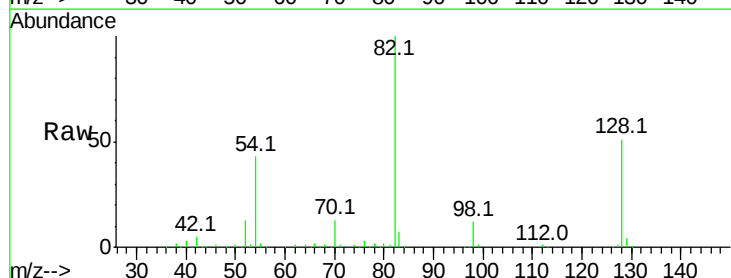
Tgt Ion: 82 Resp: 500616

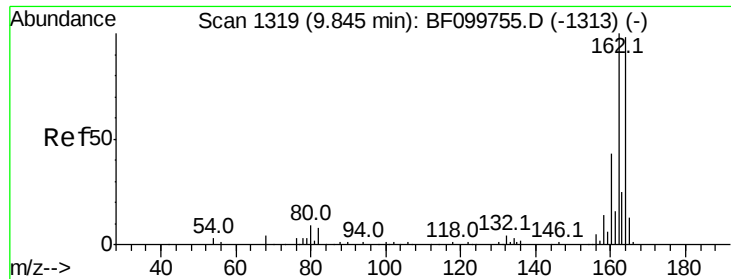
Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#

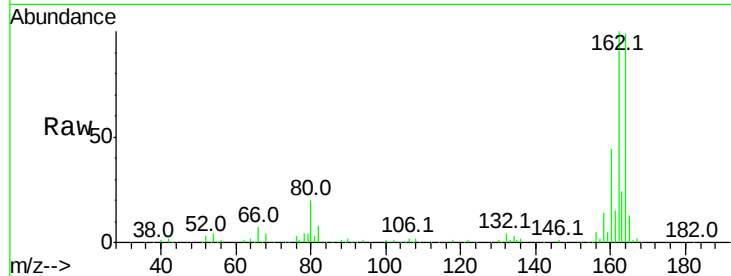




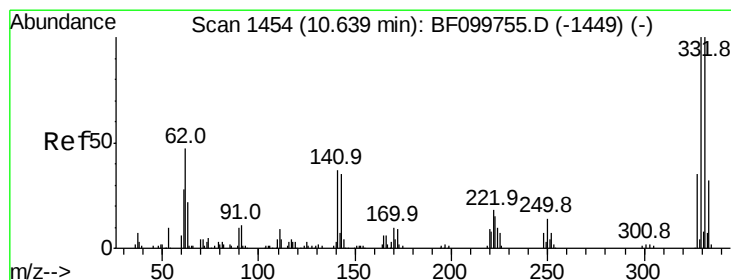
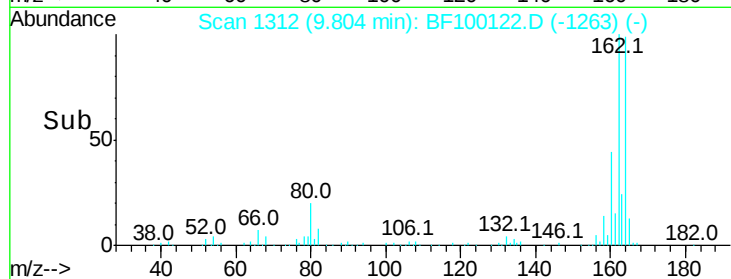
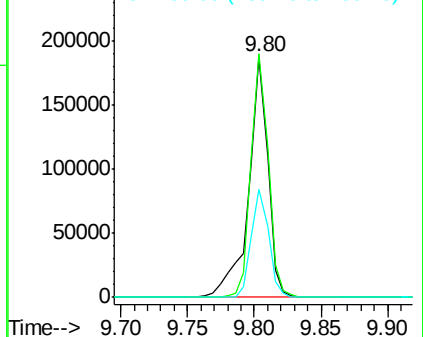
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BF100122.D
 Acq: 3 Nov 2017 9:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 186098
 Ion Ratio Lower Upper
 164 100
 162 101.5 86.1 129.1
 160 44.8 38.3 57.5

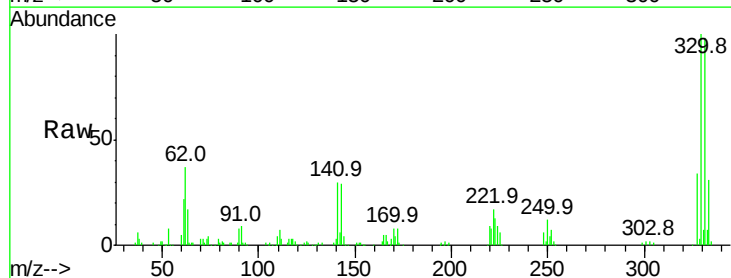


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

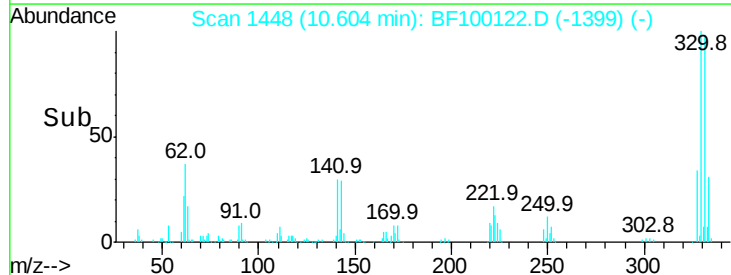
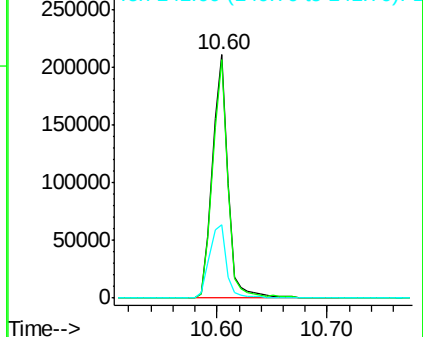


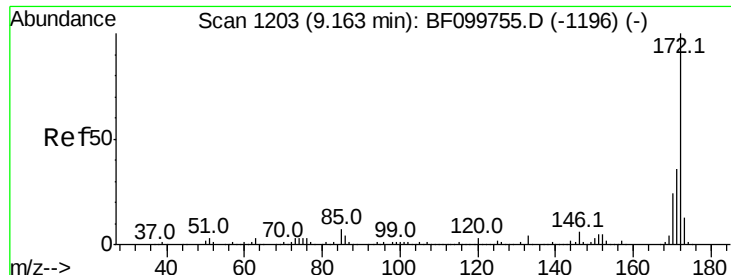
#41
 2,4,6-Tribromophenol
 Concen: 119.337 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF100122.D
 Acq: 3 Nov 2017 9:02

Tgt Ion:330 Resp: 202388
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 33.1 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

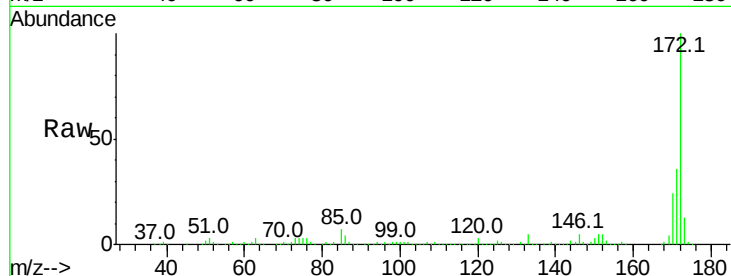




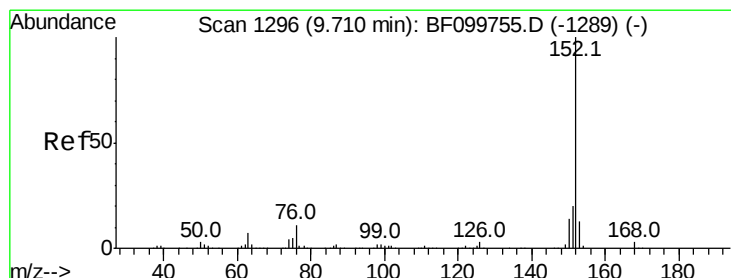
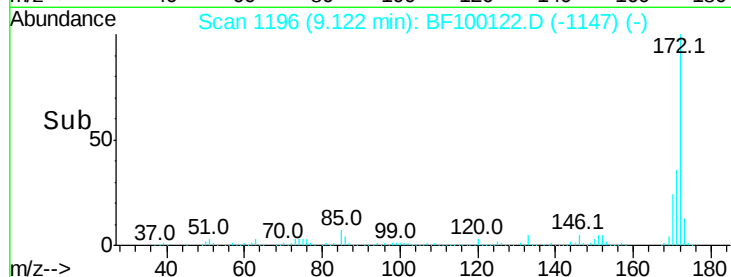
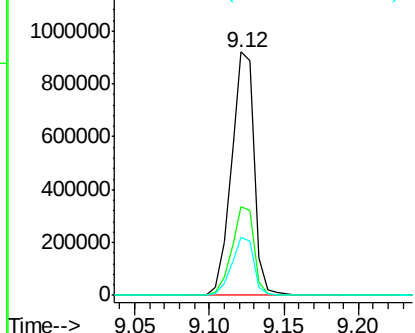
#44
 2-Fluorobiphenyl
 Concen: 81.753 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF100122.D
 Acq: 3 Nov 2017 9:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.6	19.6	29.4

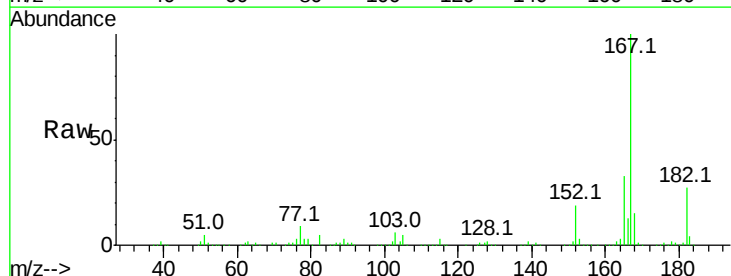


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

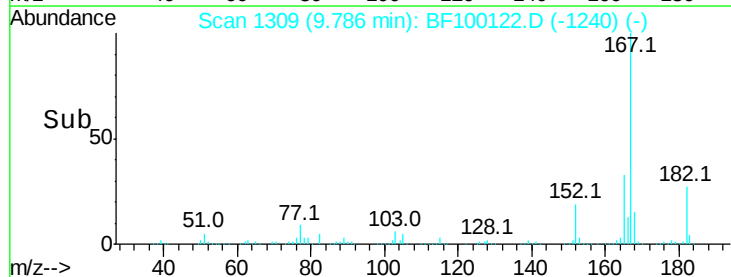
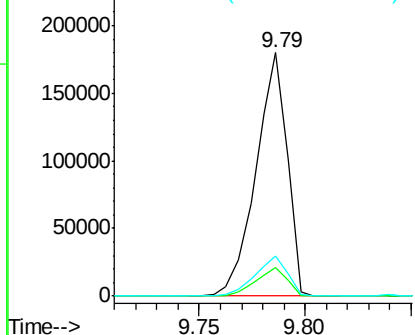


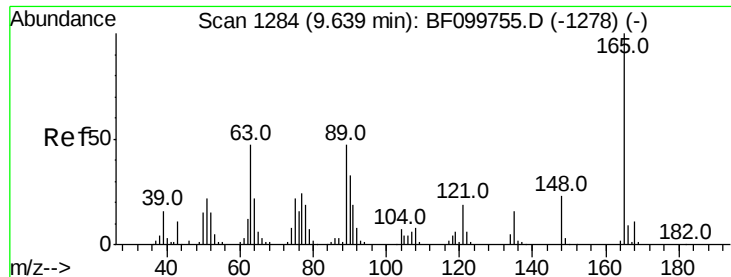
#48
 Acenaphthylene
 Concen: 9.810 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. 0.11 min
 Lab File: BF100122.D
 Acq: 3 Nov 2017 9:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	11.8	16.3	24.5#
153	16.6	10.7	16.1#



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E

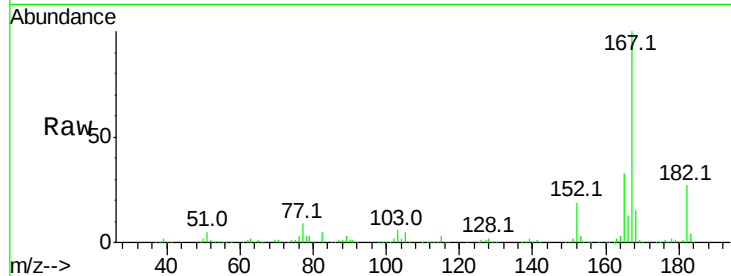




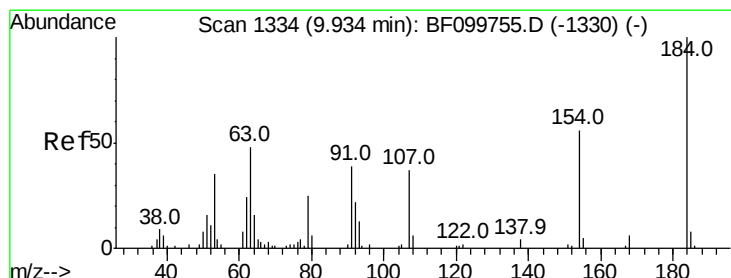
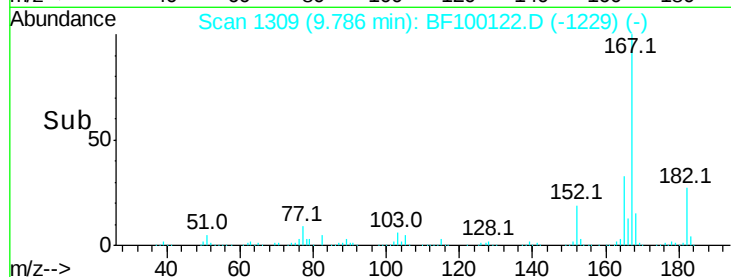
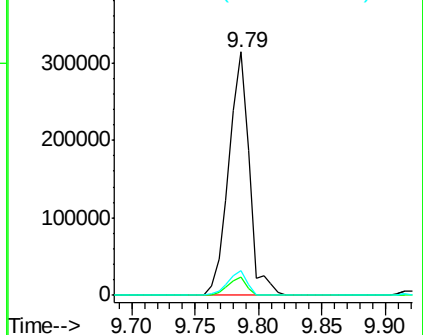
#50
 2,6-Dinitrotoluene
 Concen: 112.939 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. 0.17 min
 Lab File: BF100122.D
 Acq: 3 Nov 2017 9:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 349902
 Ion Ratio Lower Upper
 165 100
 63 7.3 44.7 67.1#
 89 10.4 44.0 66.0#

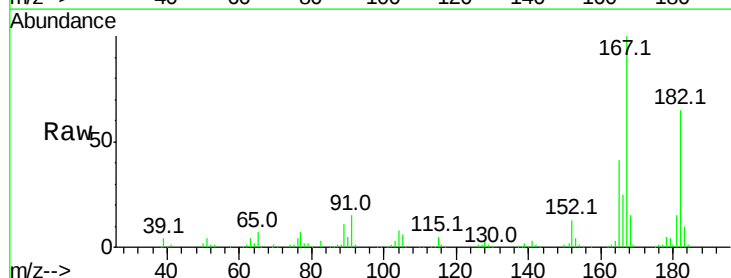


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

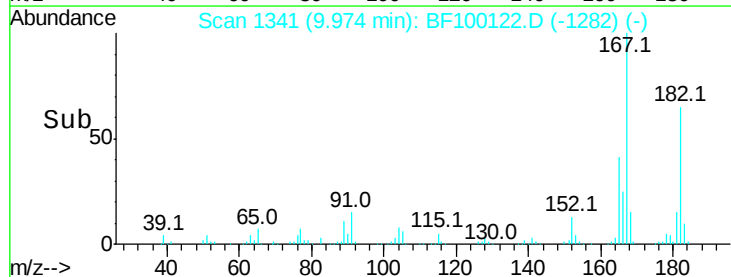
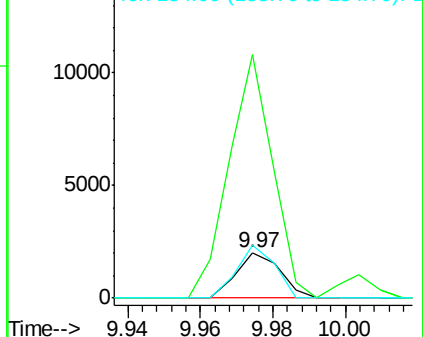


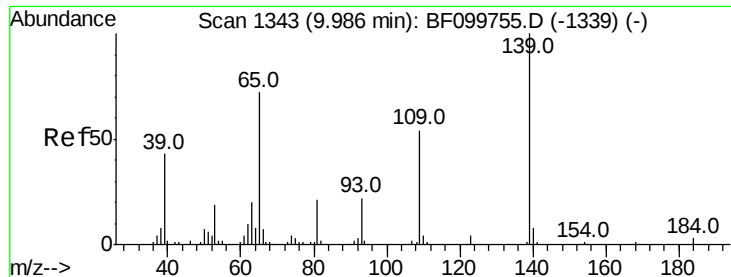
#53
 2,4-Dinitrophenol
 Concen: 7.047 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.05 min
 Lab File: BF100122.D
 Acq: 3 Nov 2017 9:02

Tgt Ion:184 Resp: 1695
 Ion Ratio Lower Upper
 184 100
 63 533.8 54.2 81.2#
 154 116.8 53.5 80.3#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

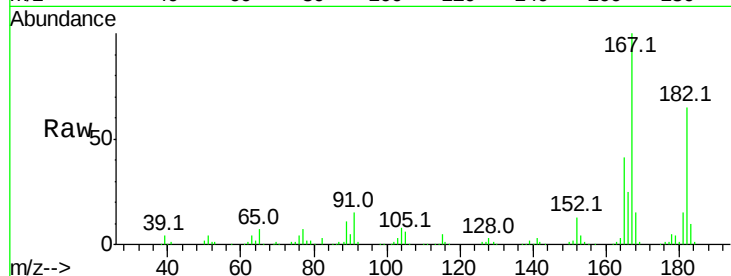




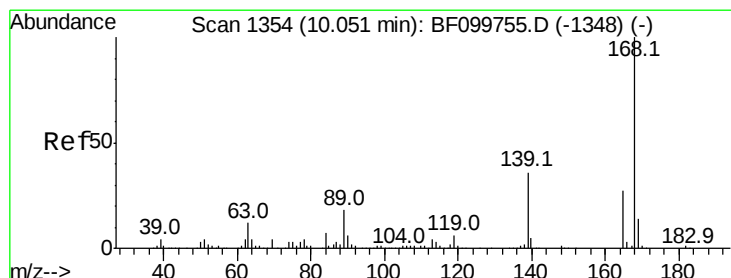
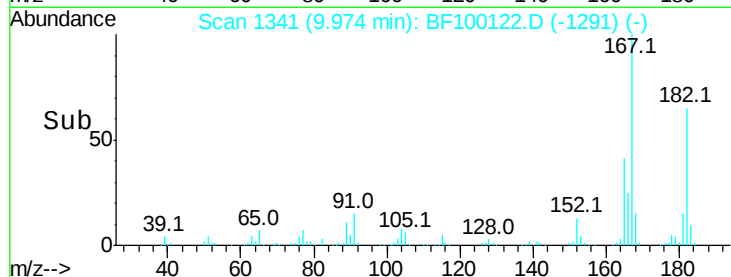
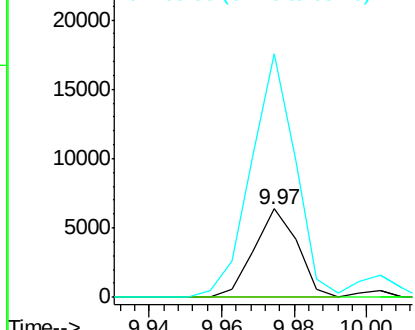
#55
4-Nitrophenol
Concen: 2.774 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF100122.D
Acq: 3 Nov 2017 9:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 5291
Ion Ratio Lower Upper
139 100
109 0.0 48.4 88.4#
65 275.8 72.6 112.6#

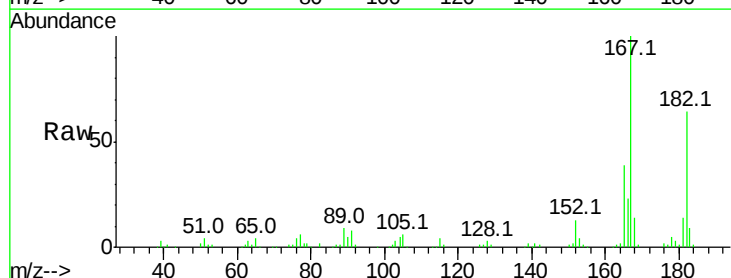


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

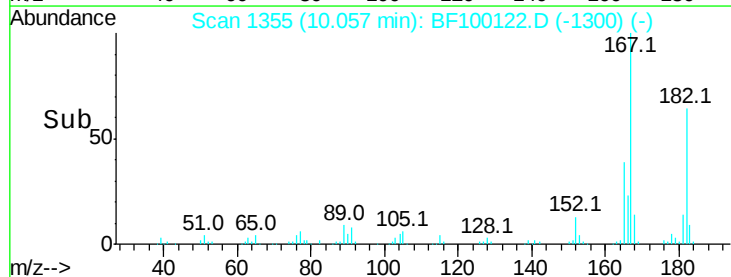
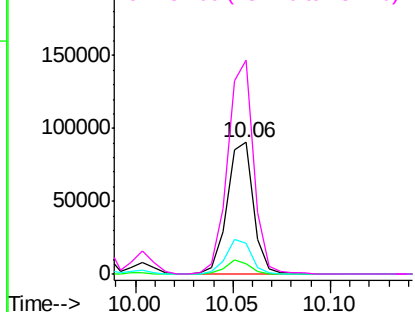


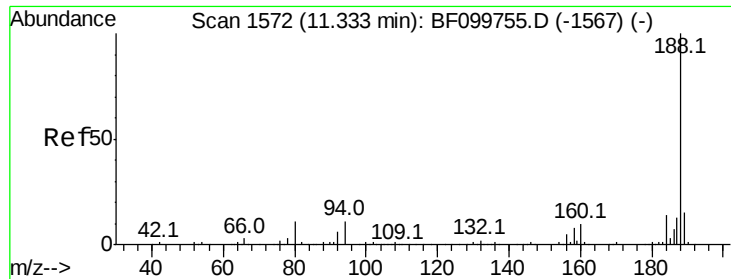
#56
2,4-Dinitrotoluene
Concen: 22.755 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.02 min
Lab File: BF100122.D
Acq: 3 Nov 2017 9:02

Tgt Ion:165 Resp: 84901
Ion Ratio Lower Upper
165 100
63 8.0 36.4 54.6#
89 23.4 57.8 86.6#
182 162.5 1.6 2.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BF100122.D

Acq: 3 Nov 2017 9:02

Instrument :

BNA_F

ClientSampleId :

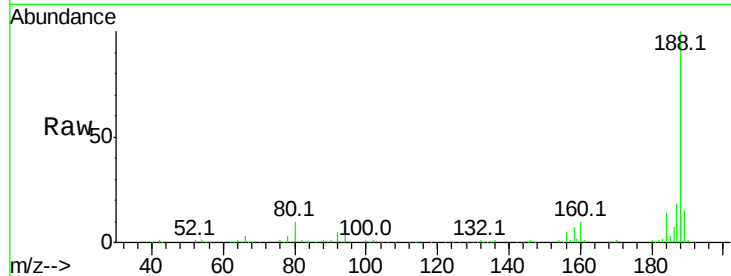
Tot Ion:188 Resp: 286606

Ion Ratio Lower Upper

188 100

94 9.5 8.5 12.7

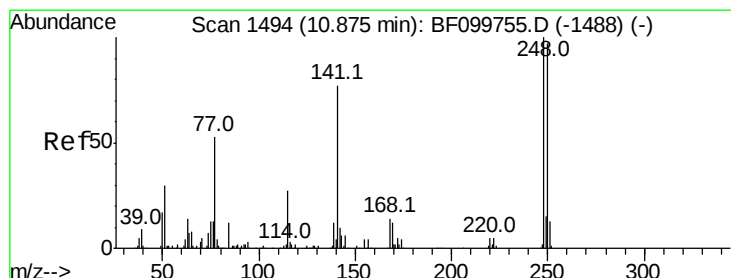
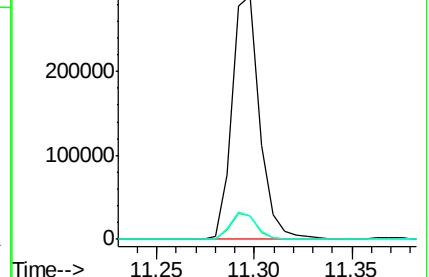
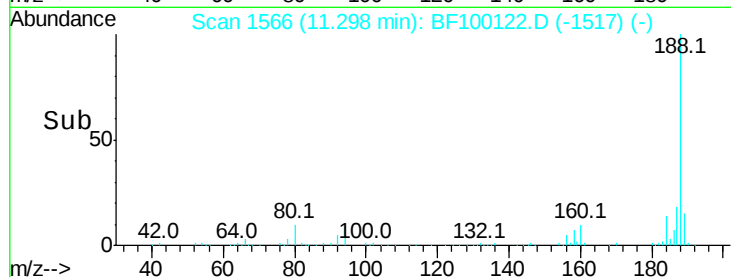
80 9.7 9.2 13.8



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: 4.397 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.24 min

Lab File: BF100122.D

Acq: 3 Nov 2017 9:02

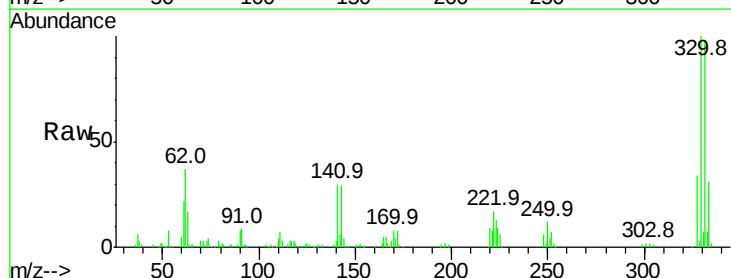
Tgt Ion:248 Resp: 13266

Ion Ratio Lower Upper

248 100

250 200.4 76.9 115.3#

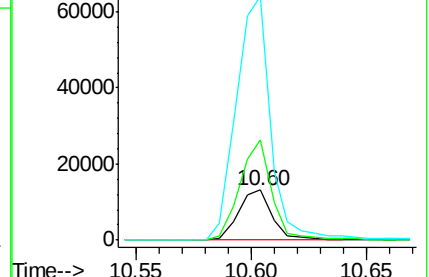
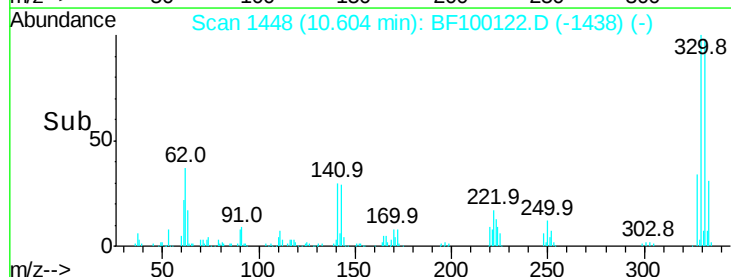
141 488.5 74.4 111.6#

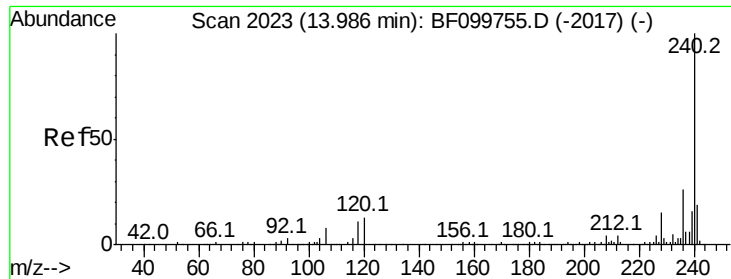


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.94 min Scan# 2016

Delta R.T. -0.03 min

Lab File: BF100122.D

Acq: 3 Nov 2017 9:02

Instrument :

BNA_F

ClientSampled :

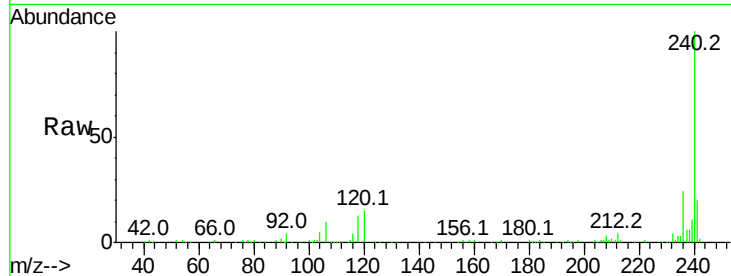
Tot Ion:240 Resp: 196476

Ion Ratio Lower Upper

240 100

120 15.0 9.5 14.3#

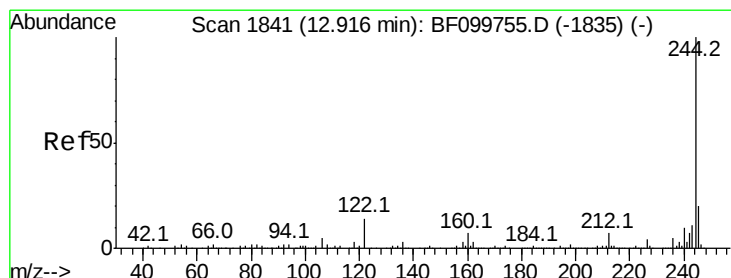
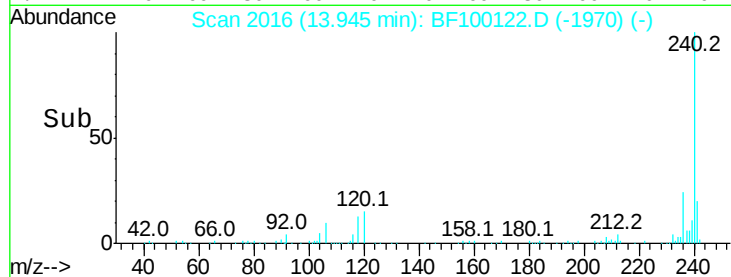
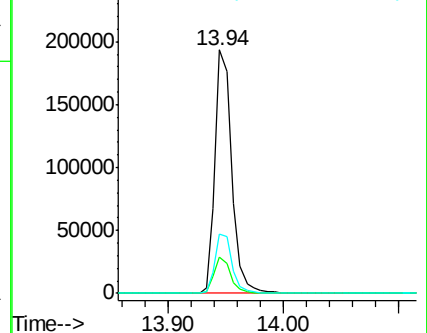
236 24.4 20.7 31.1



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: 97.728 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BF100122.D

Acq: 3 Nov 2017 9:02

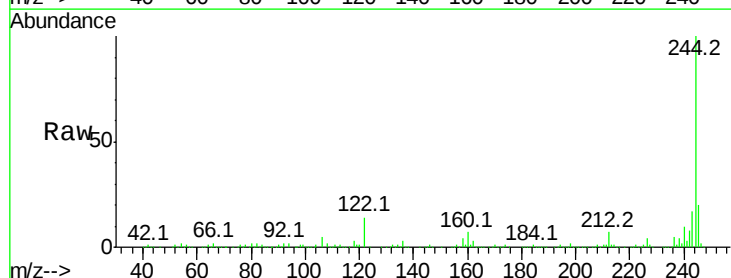
Tgt Ion:244 Resp: 878623

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

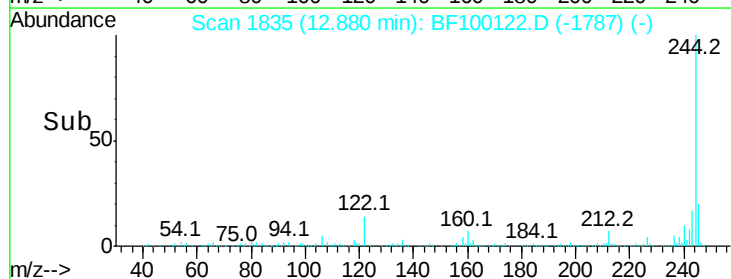
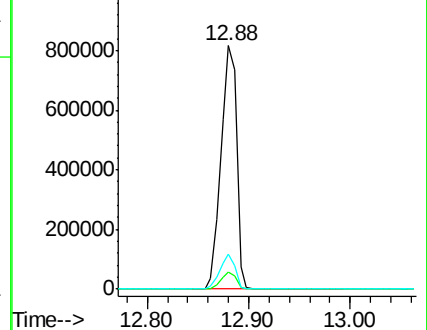
122 14.1 11.0 16.4

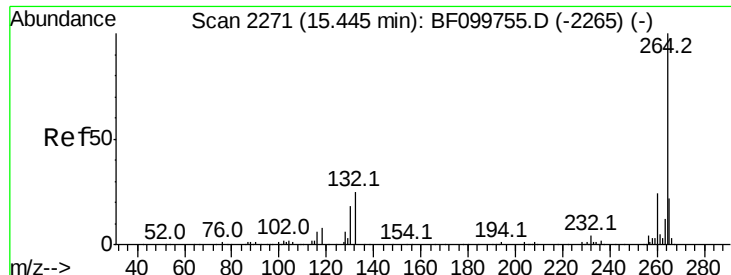


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

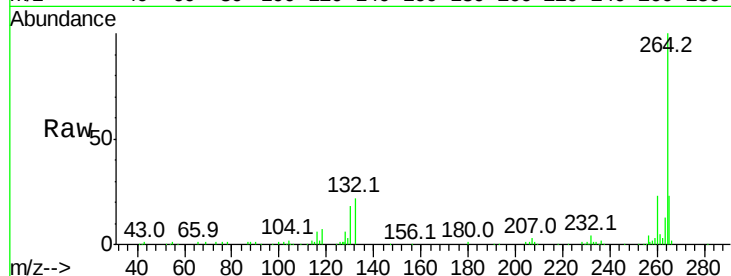




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. -0.05 min
 Lab File: BF100122.D
 Acq: 3 Nov 2017 9:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.8	17.5	26.3



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

