

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
 Data File : BF100126.D
 Acq On : 3 Nov 2017 10:51
 Operator : SJ/JU
 Sample : I6273-09
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 03 11:54:04 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

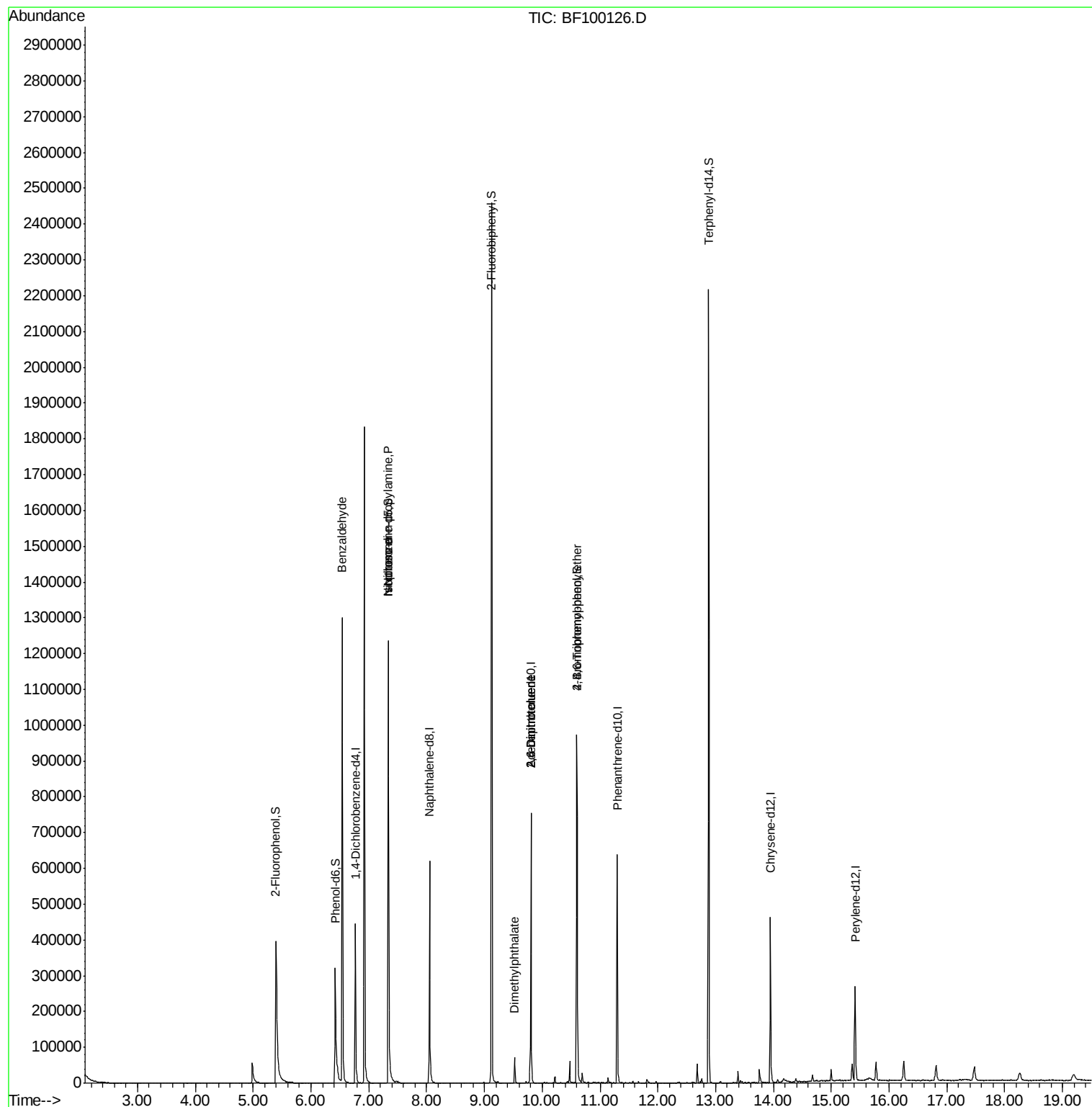
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	78870	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	324571	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	152293	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	265505	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	163296	20.00	ng	-0.03
86) Perylene-d12	15.41	264	130675	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	246462	49.06	ng	0.00
7) Phenol-d6	6.42	99	199198	33.44	ng	-0.01
23) Nitrobenzene-d5	7.34	82	466101	92.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	129459	93.28	ng	-0.02
44) 2-Fluorobiphenyl	9.13	172	931175	94.33	ng	0.00
78) Terphenyl-d14	12.88	244	804351	107.65	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.54	77	7431	2.088	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.34	70	56494	16.184	ng	# 72
25) Isophorone	7.34	82	466101	50.951	ng	# 64
49) Dimethylphthalate	9.52	163	35405	2.936	ng	100
50) 2,6-Dinitrotoluene	9.80	165	18800	7.415	ng	# 25
56) 2,4-Dinitrotoluene	9.80	165	18800	6.157	ng	# 22
66) 4-Bromophenyl-phenylether	10.60	248	8494	3.039	ng	# 1

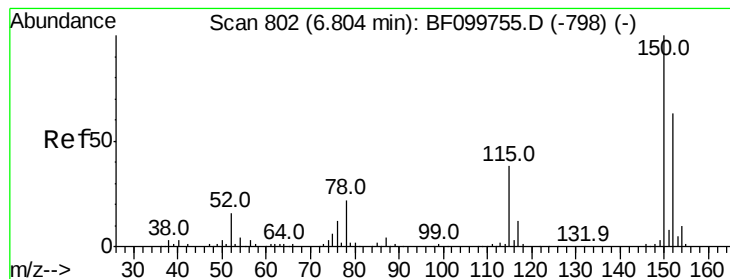
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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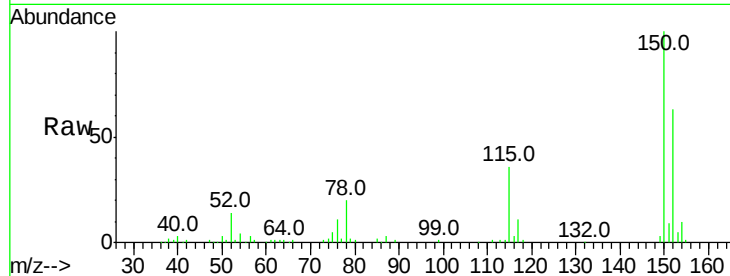


#1

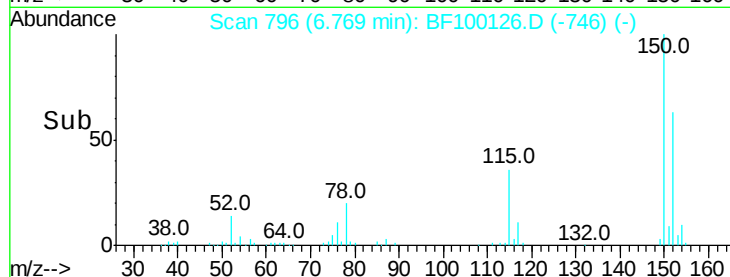
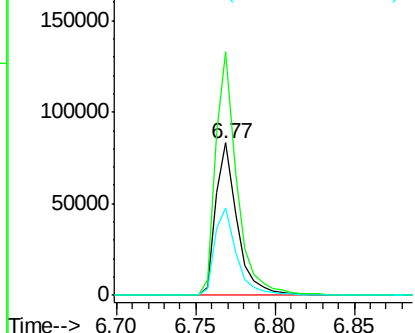
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF100126.D
Acq: 3 Nov 2017 10:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 78870
Ion Ratio Lower Upper
152 100
150 160.0 124.6 186.8
115 57.1 50.1 75.1



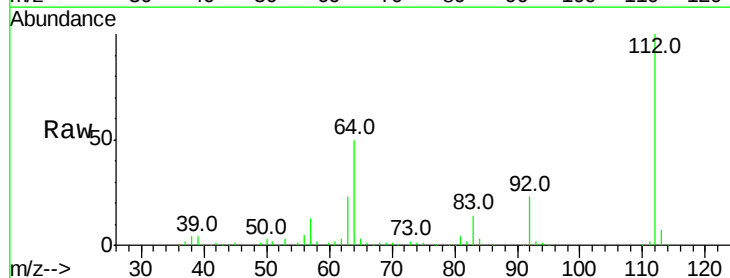
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



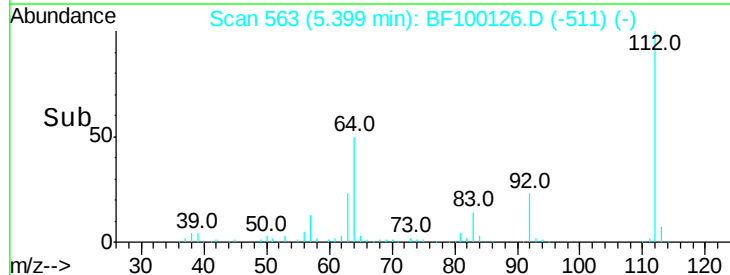
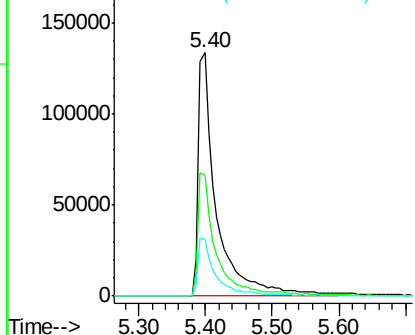
#5

2-Fluorophenol
Concen: 49.060 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF100126.D
Acq: 3 Nov 2017 10:51

Tgt Ion:112 Resp: 246462
Ion Ratio Lower Upper
112 100
64 49.6 47.9 71.9
63 23.1 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: 33.441 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF100126.D

Acq: 3 Nov 2017 10:51

Instrument :

BNA_F

ClientSampleId :

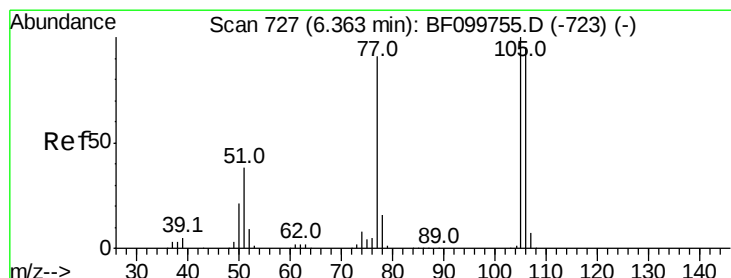
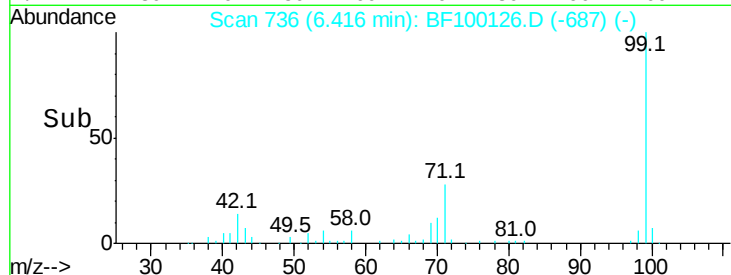
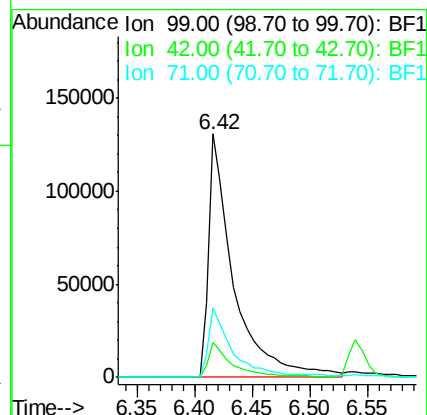
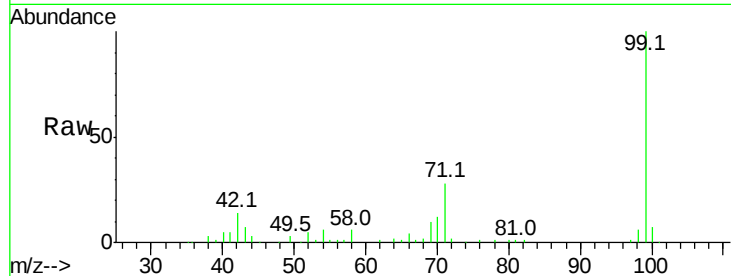
Tot Ion: 99 Resp: 199198

Ion Ratio Lower Upper

99 100

42 14.4 14.5 21.7#

71 28.5 25.4 38.0



#9

Benzaldehyde

Concen: 2.088 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.20 min

Lab File: BF100126.D

Acq: 3 Nov 2017 10:51

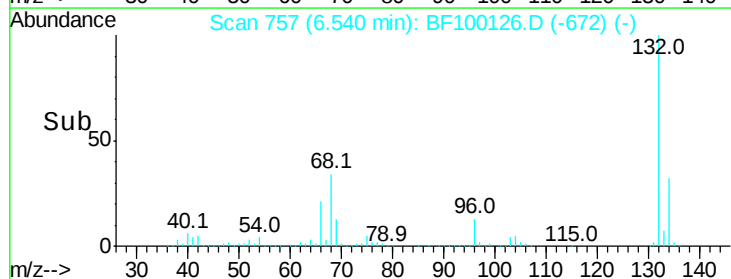
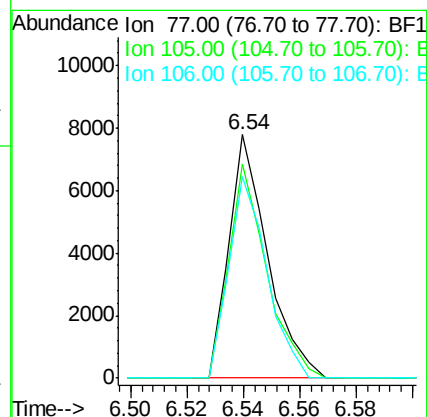
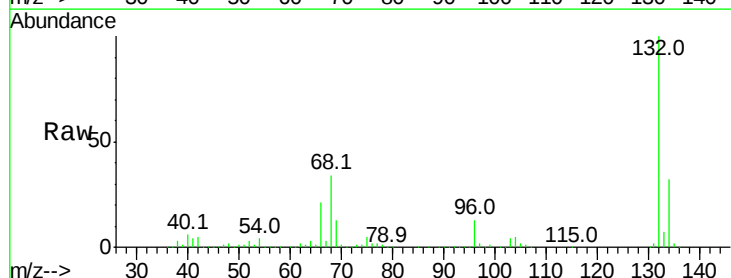
Tgt Ion: 77 Resp: 7431

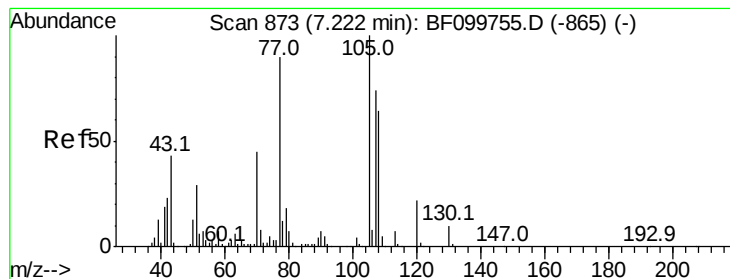
Ion Ratio Lower Upper

77 100

105 87.8 81.1 121.1

106 82.7 74.5 114.5





#19

n-Nitroso-di-n-propylamine

Concen: 16.184 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.15 min

Lab File: BF100126.D

Acq: 3 Nov 2017 10:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 56494

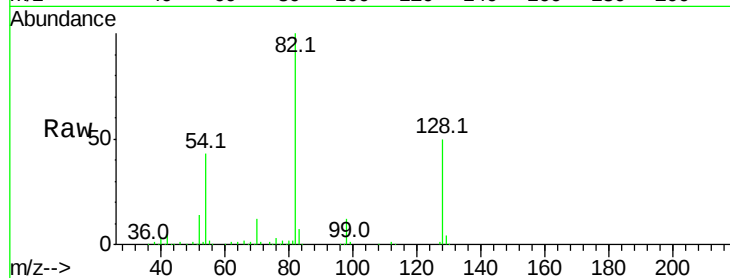
Ion Ratio Lower Upper

70 100

42 40.7 47.5 71.3#

101 0.0 7.4 11.2#

130 3.0 16.6 25.0#

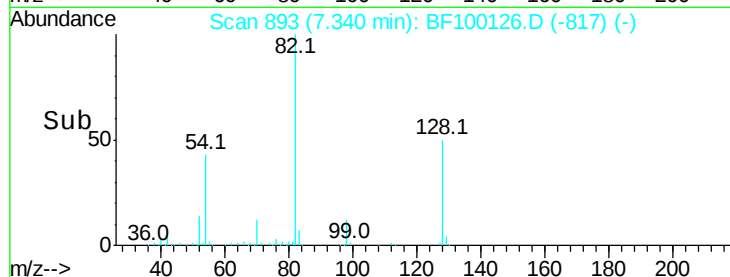


Abundance Ion 70.00 (69.70 to 70.70): BF1

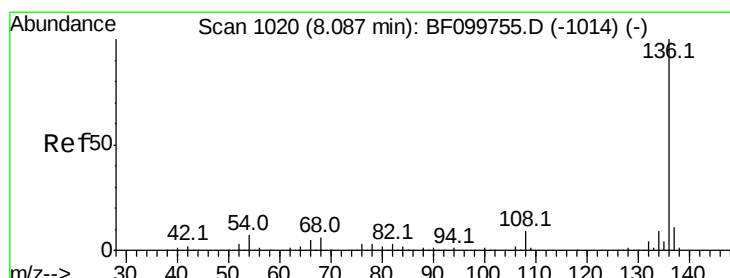
Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF100126.D

Acq: 3 Nov 2017 10:51

Tgt Ion: 136 Resp: 324571

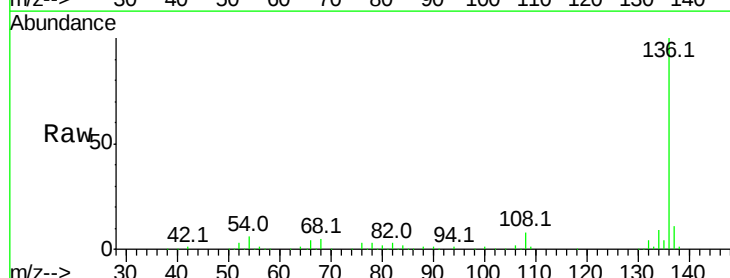
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.0 6.6 9.8#

68 5.3 5.0 7.4

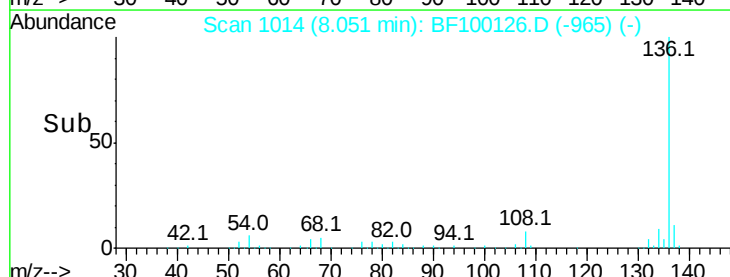


Abundance Ion 136.00 (135.70 to 136.70): BF1

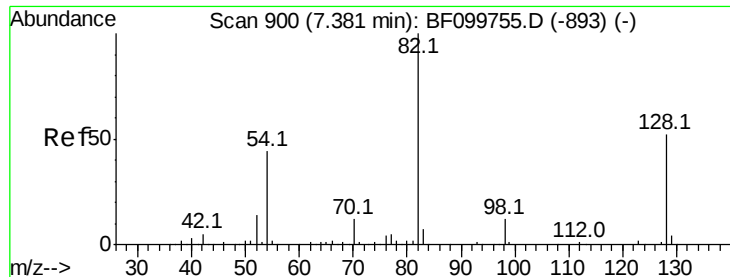
Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



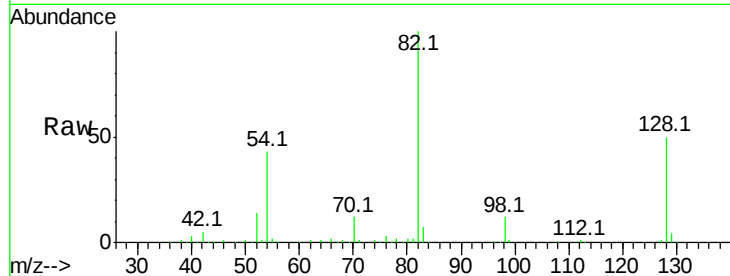
Time-->



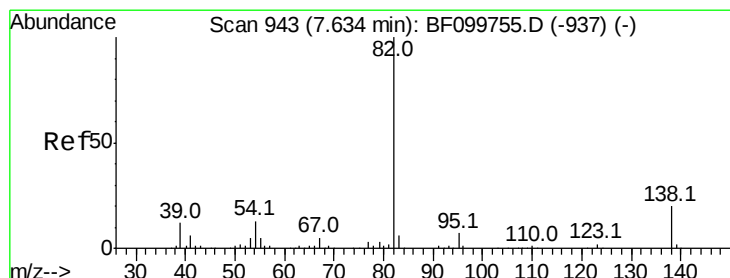
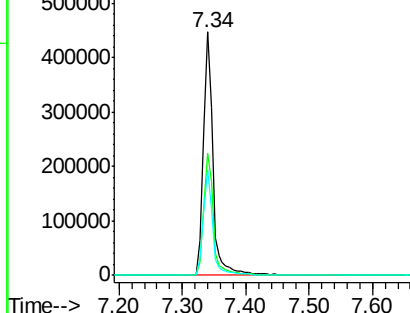
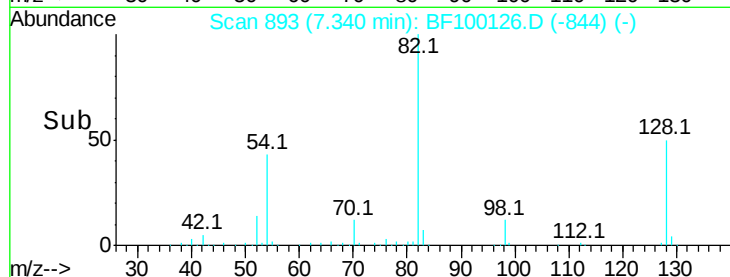
#23
Nitrobenzene-d5
Concen: 92.454 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100126.D
Acq: 3 Nov 2017 10:51

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 466101
Ion Ratio Lower Upper
82 100
128 50.0 36.1 54.1
54 43.3 41.4 62.2

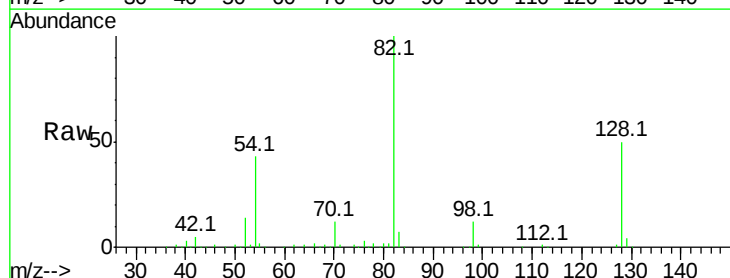


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

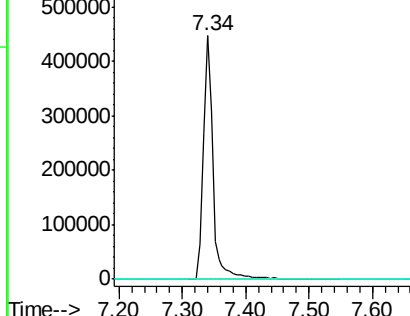
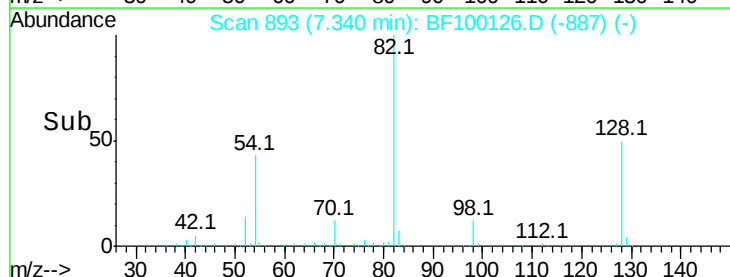


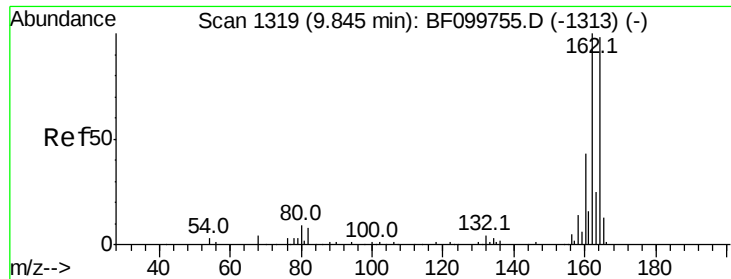
#25
Isophorone
Concen: 50.951 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.26 min
Lab File: BF100126.D
Acq: 3 Nov 2017 10:51

Tgt Ion: 82 Resp: 466101
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

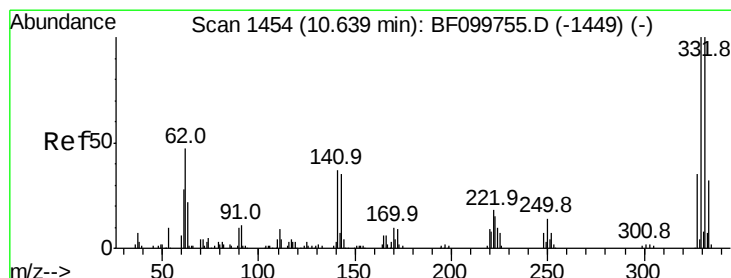
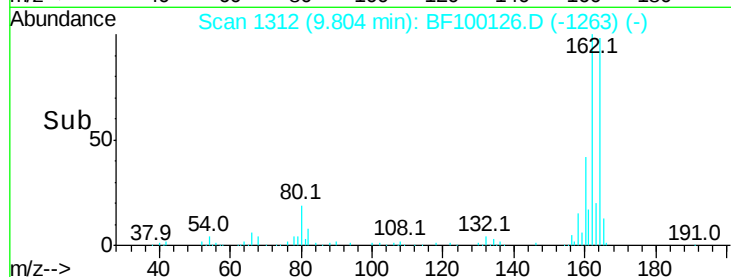
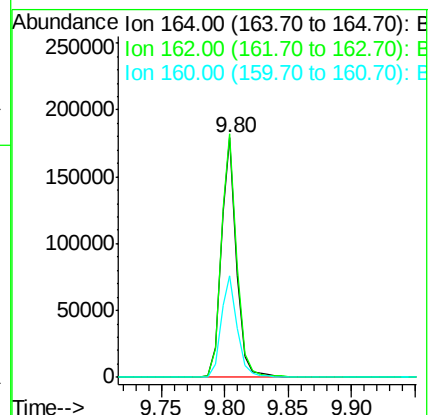
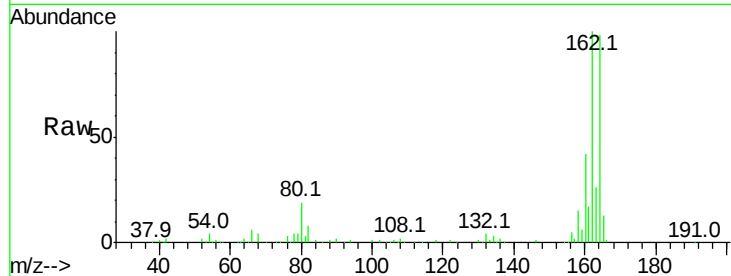




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF100126.D
Acq: 3 Nov 2017 10:51

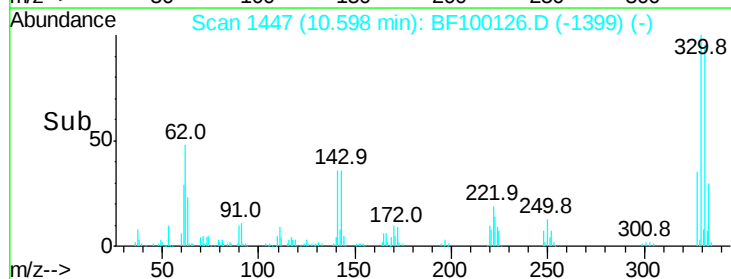
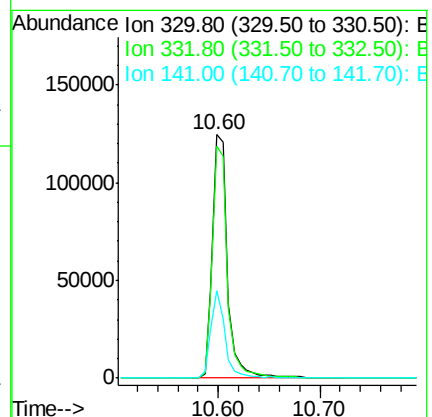
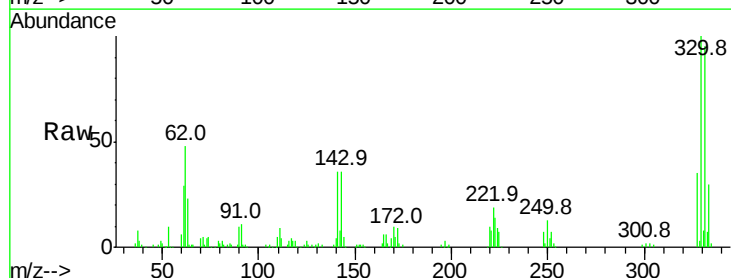
Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 152293
Ion Ratio Lower Upper
164 100
162 101.6 86.1 129.1
160 42.5 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 93.279 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.02 min
Lab File: BF100126.D
Acq: 3 Nov 2017 10:51

Tgt Ion:330 Resp: 129459
Ion Ratio Lower Upper
330 100
332 94.9 77.0 115.6
141 33.7 29.9 44.9

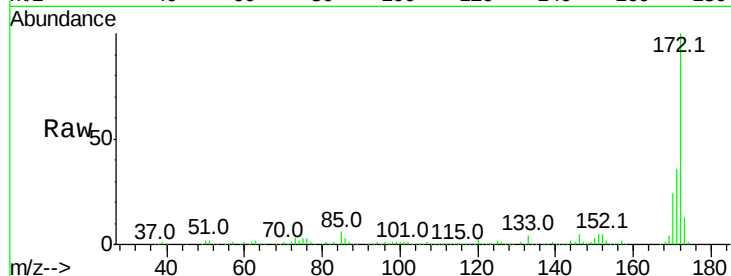




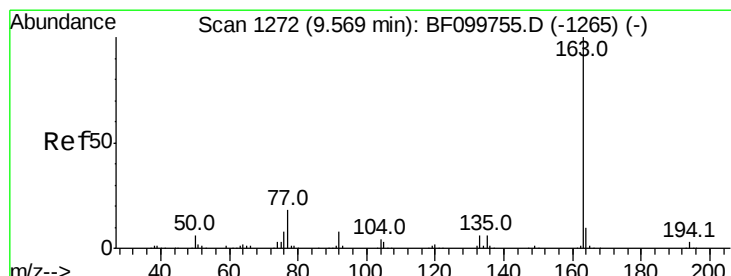
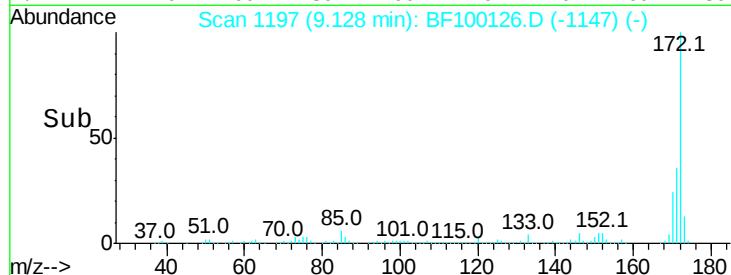
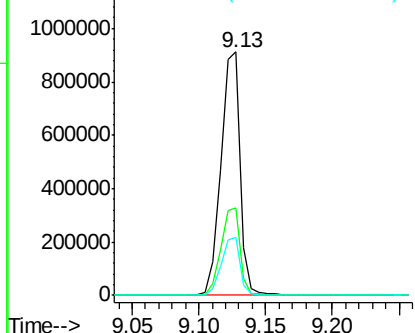
#44
 2-Fluorobiphenyl
 Concen: 94.335 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF100126.D
 Acq: 3 Nov 2017 10:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 931175
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.7 19.6 29.4

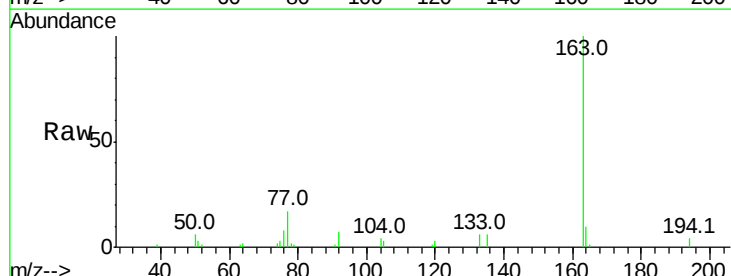


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

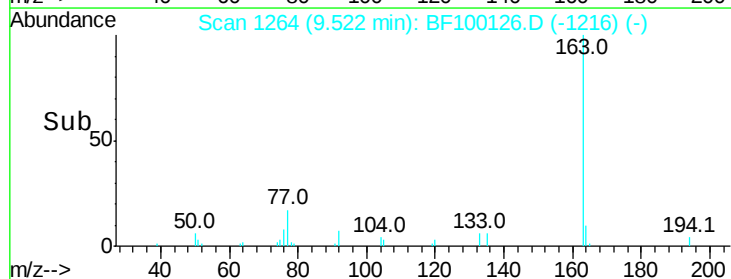
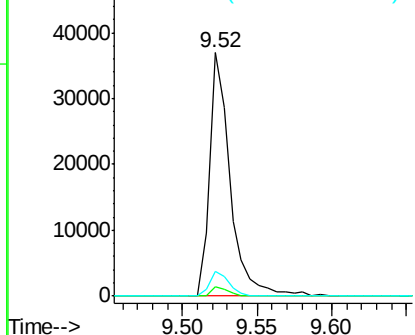


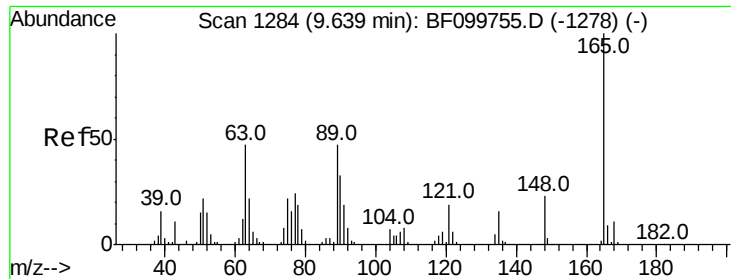
#49
 Dimethylphthalate
 Concen: 2.936 ng
 RT: 9.52 min Scan# 1264
 Delta R.T. -0.02 min
 Lab File: BF100126.D
 Acq: 3 Nov 2017 10:51

Tgt Ion:163 Resp: 35405
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.7 4.1
 164 10.1 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

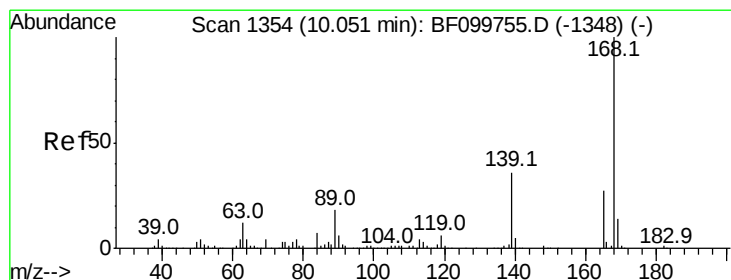
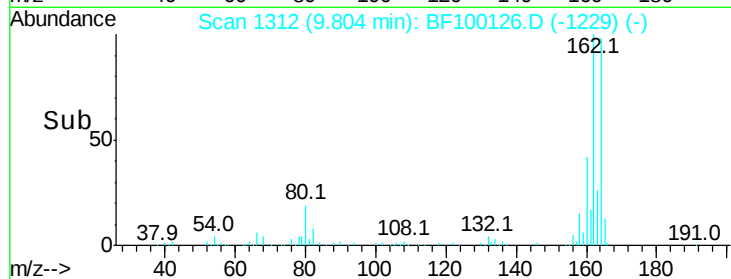
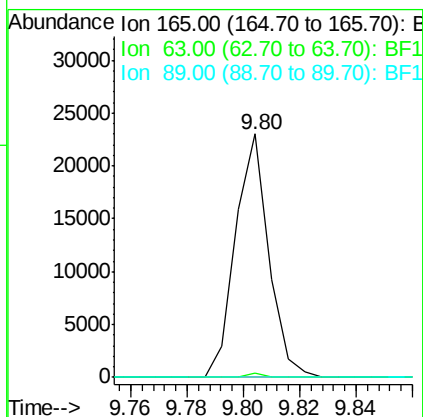
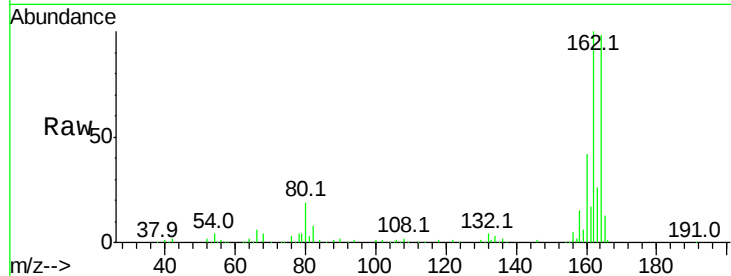




#50
 2,6-Dinitrotoluene
 Concen: 7.415 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.19 min
 Lab File: BF100126.D
 Acq: 3 Nov 2017 10:51

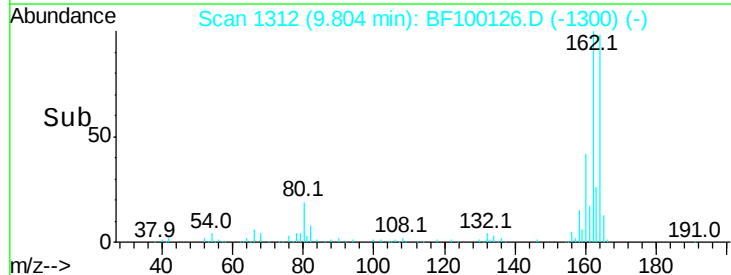
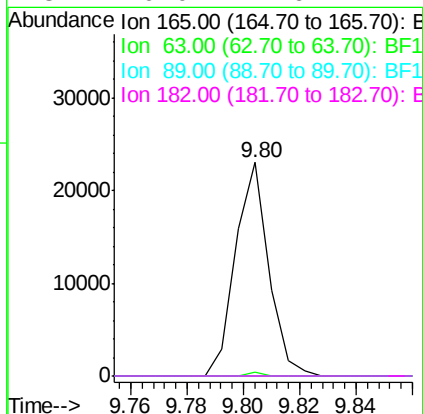
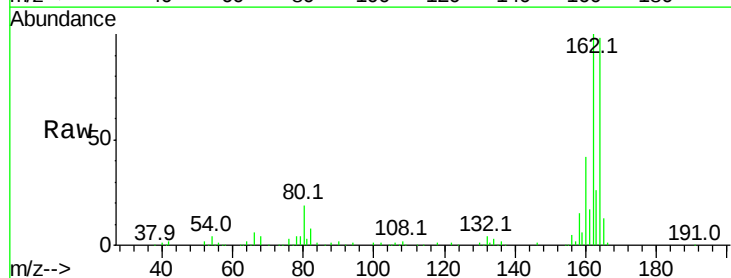
Instrument :
 BNA_F
 ClientSampleId :

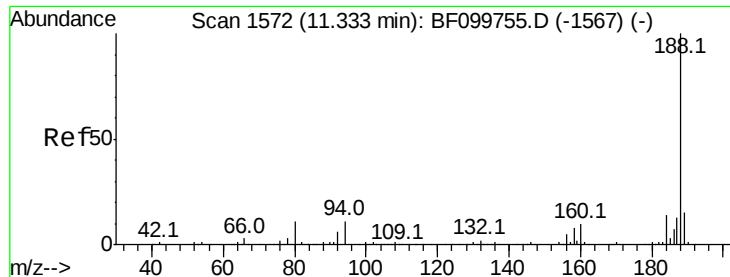
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.157 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.23 min
 Lab File: BF100126.D
 Acq: 3 Nov 2017 10:51

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

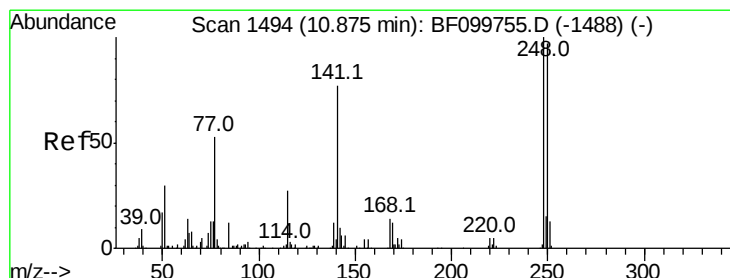
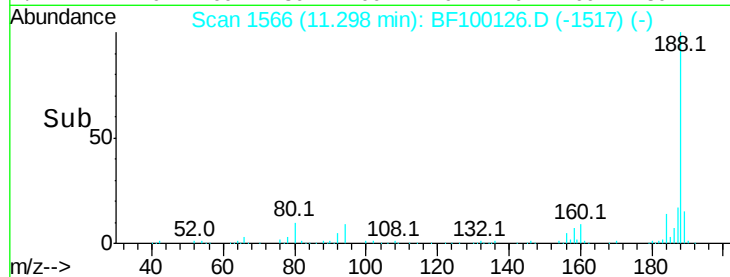
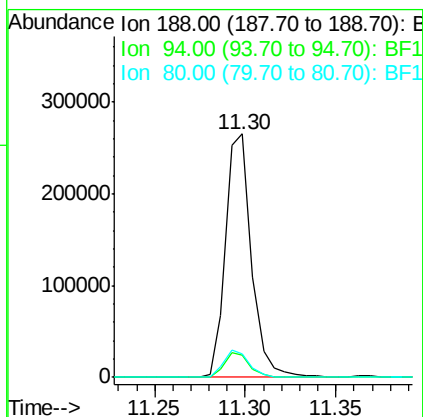
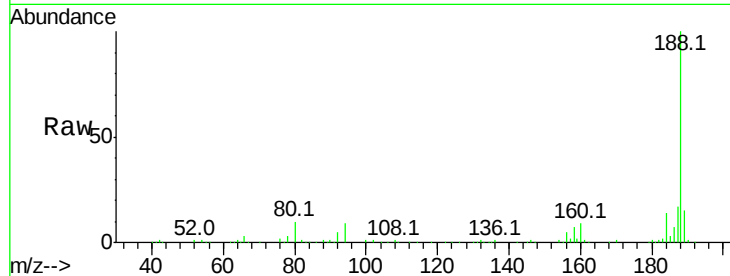




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: BF100126.D
 Acq: 3 Nov 2017 10:51

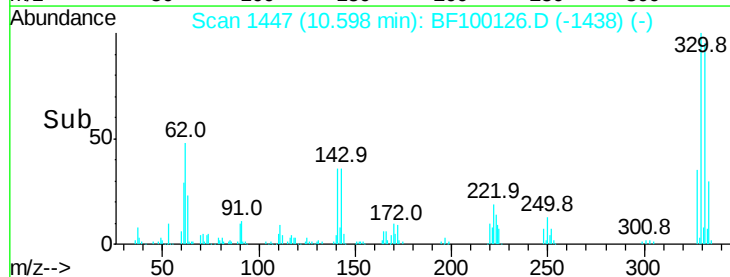
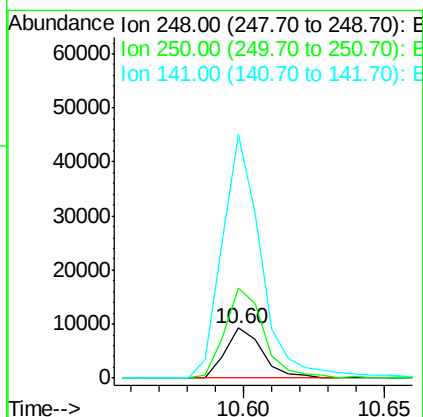
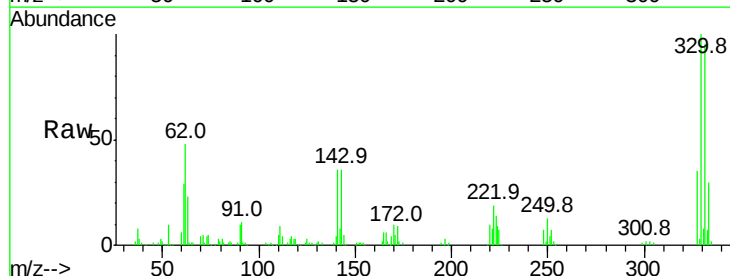
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 265505
 Ion Ratio Lower Upper
 188 100
 94 9.1 8.5 12.7
 80 9.8 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 3.039 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.25 min
 Lab File: BF100126.D
 Acq: 3 Nov 2017 10:51

Tgt Ion:248 Resp: 8494
 Ion Ratio Lower Upper
 248 100
 250 180.2 76.9 115.3#
 141 485.7 74.4 111.6#

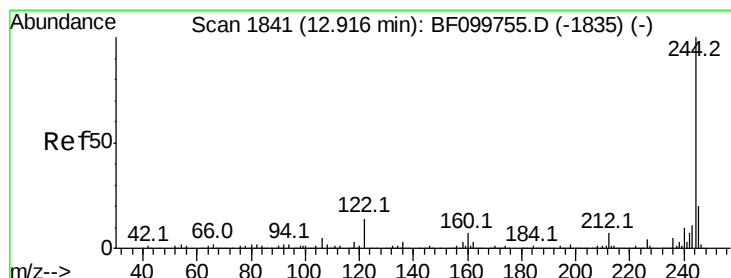
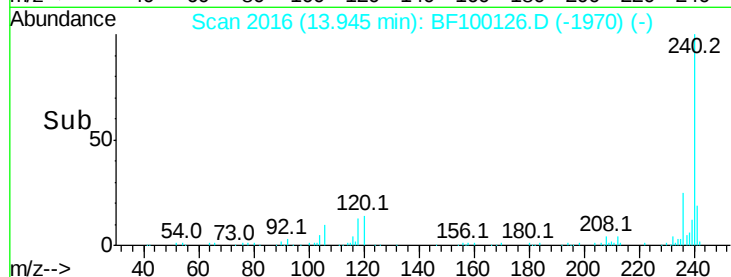
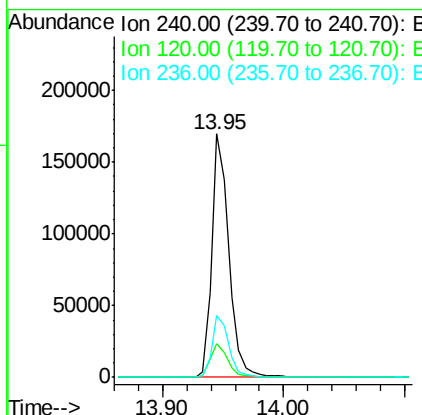
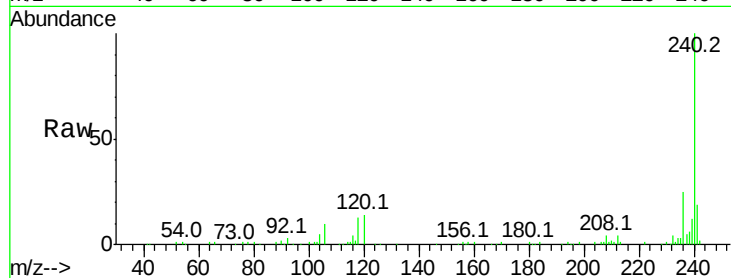




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2016
 Delta R.T. -0.03 min
 Lab File: BF100126.D
 Acq: 3 Nov 2017 10:51

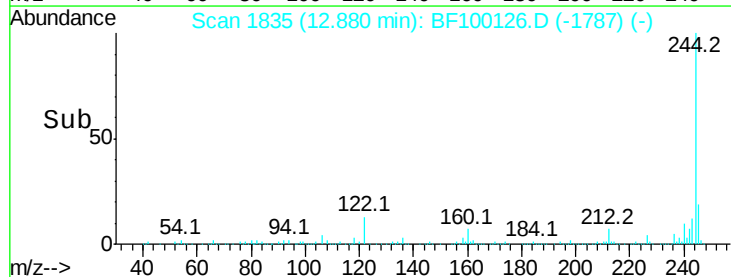
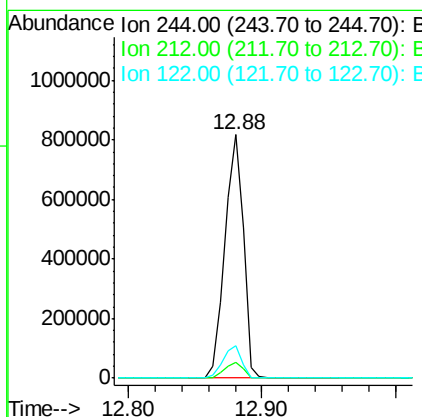
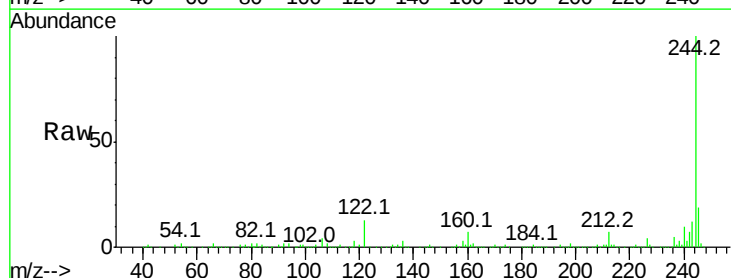
Instrument :
 BNA_F
 ClientSampleId :

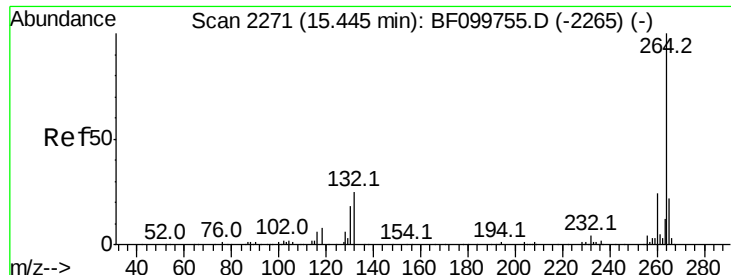
Tot Ion:240 Resp: 163296
 Ion Ratio Lower Upper
 240 100
 120 13.8 9.5 14.3
 236 25.2 20.7 31.1



#78
 Terphenyl-d14
 Concen: 107.645 ng
 RT: 12.88 min Scan# 1835
 Delta R.T. -0.02 min
 Lab File: BF100126.D
 Acq: 3 Nov 2017 10:51

Tgt Ion:244 Resp: 804351
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 13.1 11.0 16.4

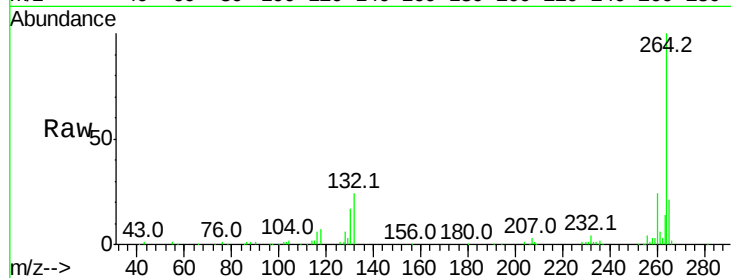




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. -0.05 min
 Lab File: BF100126.D
 Acq: 3 Nov 2017 10:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.4	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

