

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
 Data File : BF101046.D
 Acq On : 1 Dec 2017 4:14
 Operator : SJ/JU
 Sample : I6618-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 01 06:51:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 30 16:01:41 2017
 Response via : Initial Calibration

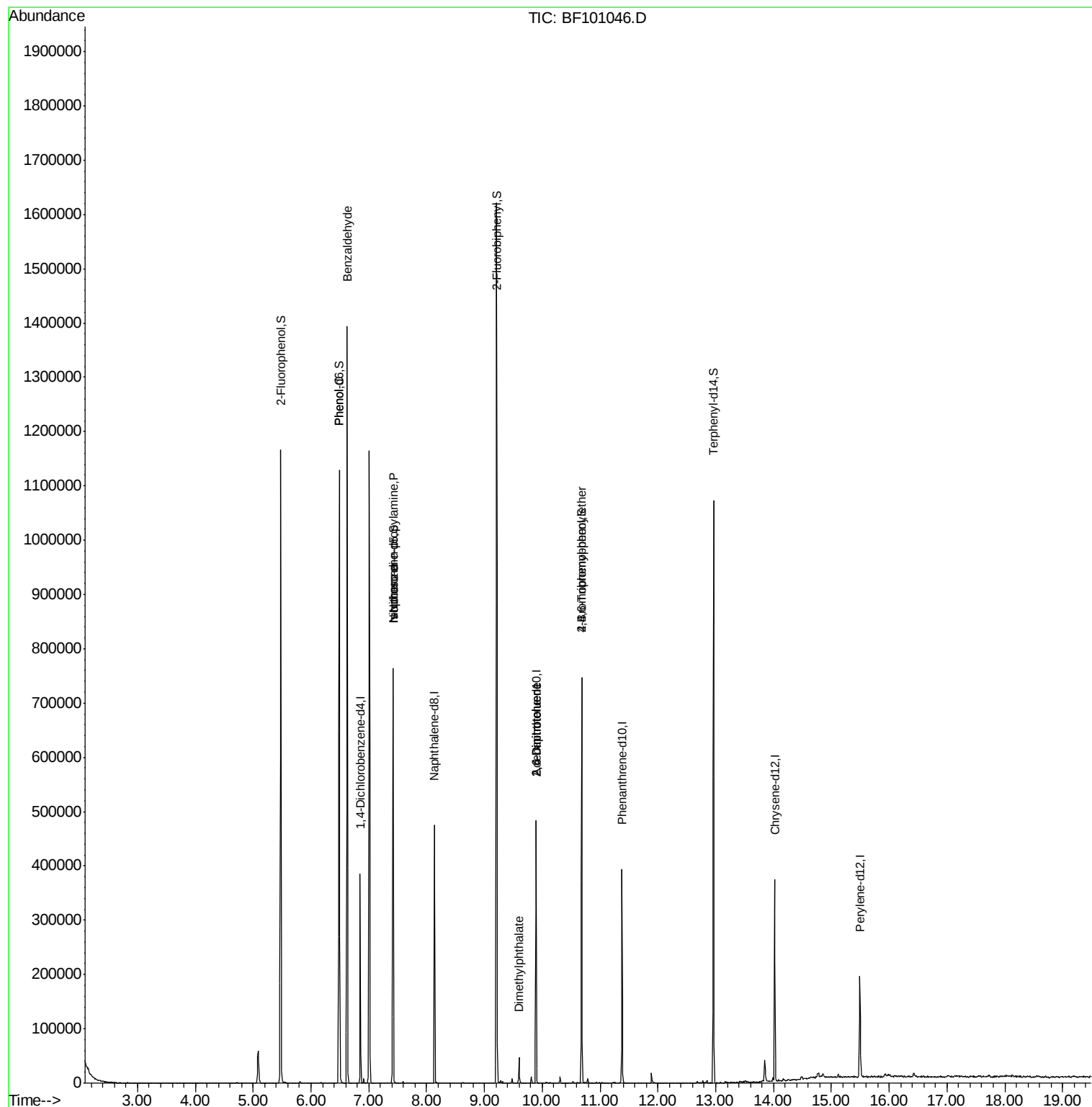
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	55177	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	209357	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	87540	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	137691	20.00	ng	0.00
75) Chrysene-d12	14.02	240	121604	20.00	ng	0.00
86) Perylene-d12	15.50	264	92183	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	346076	103.64	ng	0.01
7) Phenol-d6	6.49	99	418269	103.17	ng	0.00
23) Nitrobenzene-d5	7.42	82	249834	71.19	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	88242	83.91	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	494927	77.35	ng	0.00
78) Terphenyl-d14	12.96	244	355884	64.01	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	7771	3.132	ng	82
10) Phenol	6.50	94	16844	3.737	ng	77
19) n-Nitroso-di-n-propylamine	7.42	70	33667	12.331	ng	# 78
25) Isophorone	7.42	82	249831	41.675	ng	# 64
49) Dimethylphthalate	9.60	163	21094	2.988	ng	98
50) 2,6-Dinitrotoluene	9.89	165	10779	7.249	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	10779	5.409	ng	# 21
66) 4-Bromophenyl-phenylether	10.68	248	5807	3.768	ng	# 1

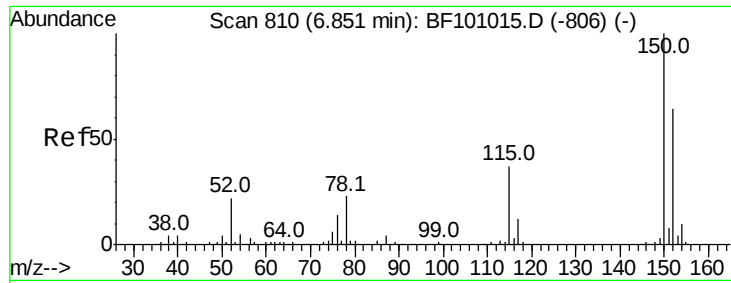
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
Data File : BF101046.D
Acq On : 1 Dec 2017 4:14
Operator : SJ/JU
Sample : I6618-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 01 06:51:40 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 30 16:01:41 2017
Response via : Initial Calibration

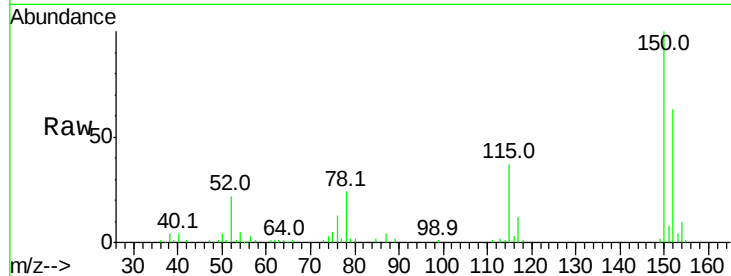




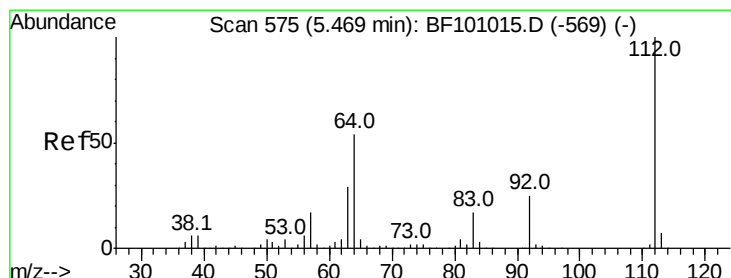
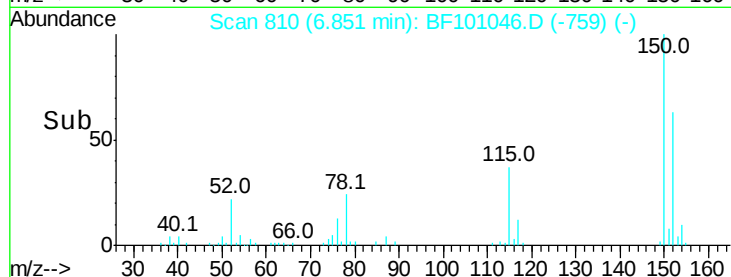
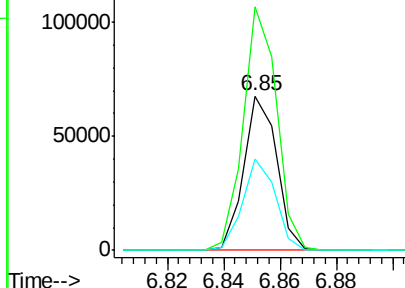
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF101046.D
 Acq: 1 Dec 2017 4:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 55177
 Ion Ratio Lower Upper
 152 100
 150 157.6 124.6 186.8
 115 59.1 50.1 75.1

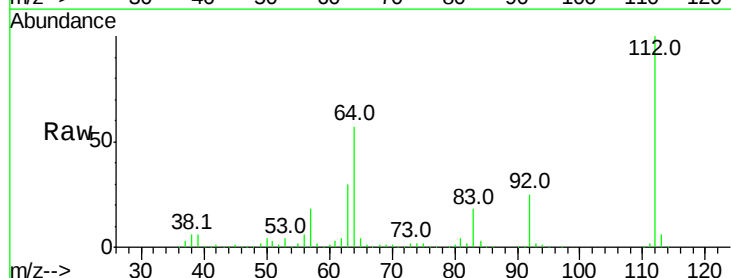


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

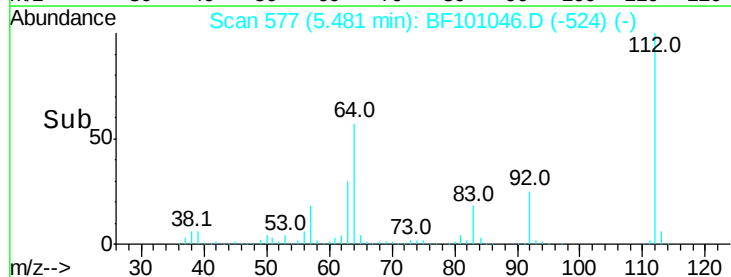
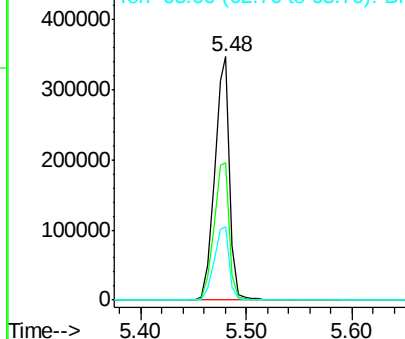


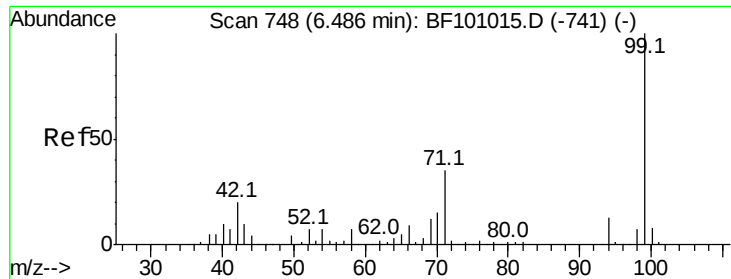
#5
 2-Fluorophenol
 Concen: 103.643 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.01 min
 Lab File: BF101046.D
 Acq: 1 Dec 2017 4:14

Tgt Ion:112 Resp: 346076
 Ion Ratio Lower Upper
 112 100
 64 56.5 47.9 71.9
 63 30.0 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: 103.174 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF101046.D

Acq: 1 Dec 2017 4:14

Instrument :

BNA_F

ClientSampleId :

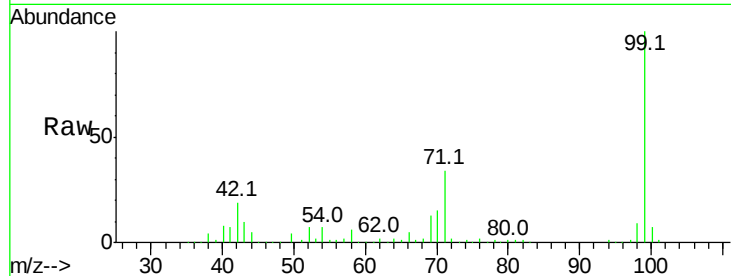
Tot Ion: 99 Resp: 418269

Ion Ratio Lower Upper

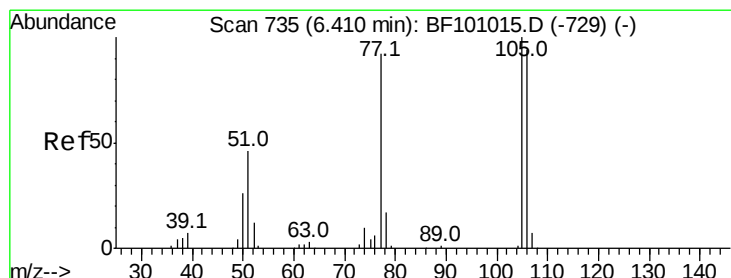
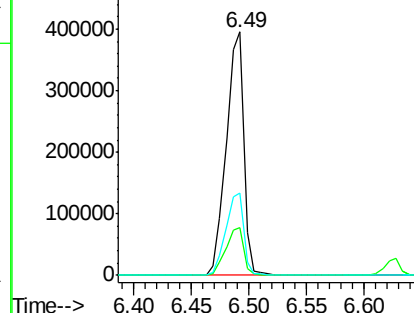
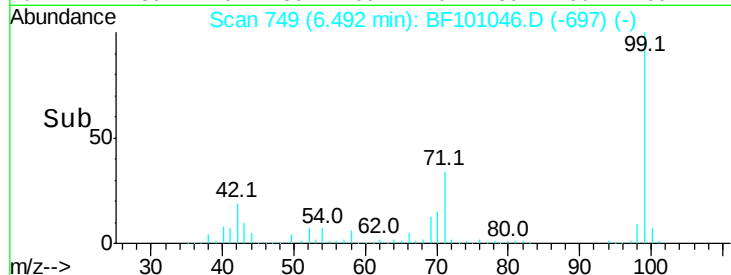
99 100

42 19.4 14.5 21.7

71 33.8 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: 3.132 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.22 min

Lab File: BF101046.D

Acq: 1 Dec 2017 4:14

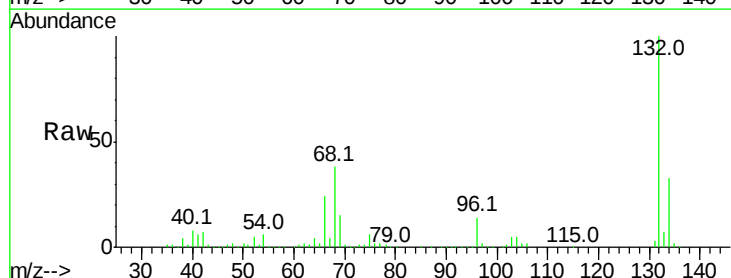
Tgt Ion: 77 Resp: 7771

Ion Ratio Lower Upper

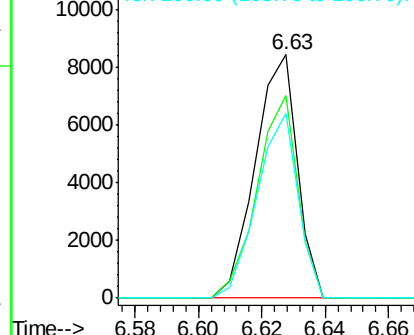
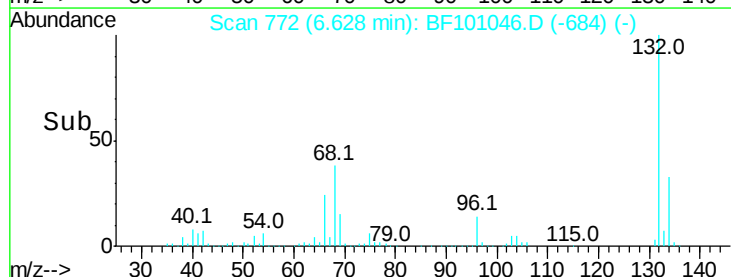
77 100

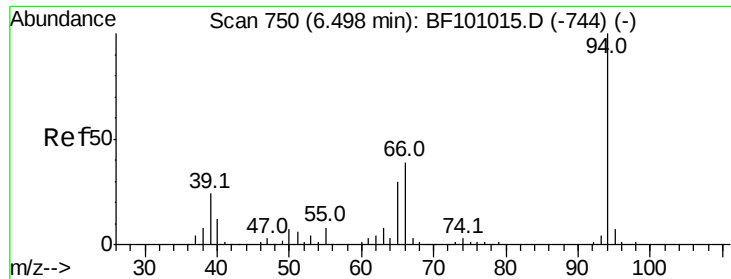
105 83.5 81.1 121.1

106 75.6 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

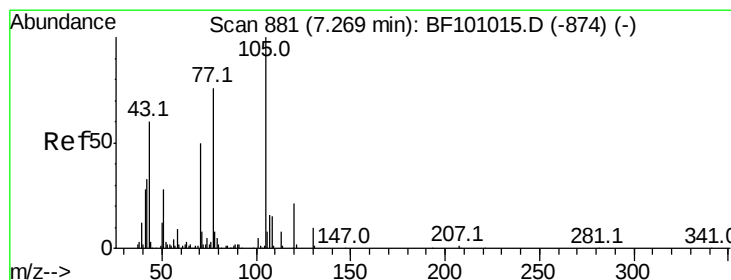
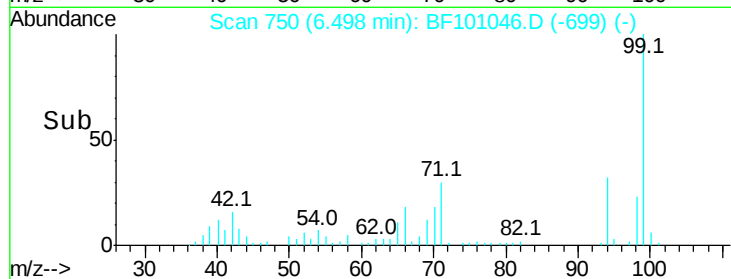
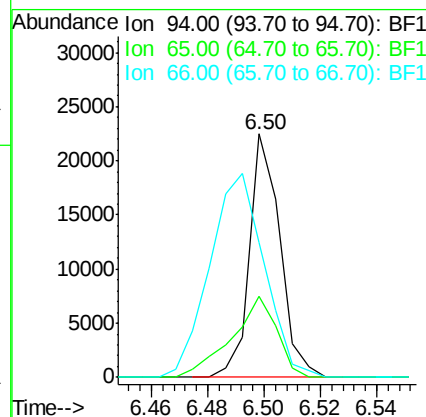
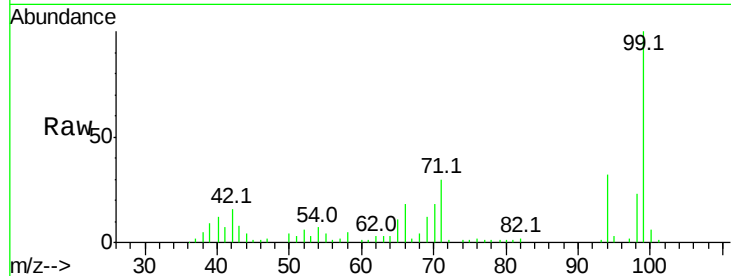




#10
Phenol
Concen: 3.737 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF101046.D
Acq: 1 Dec 2017 4:14

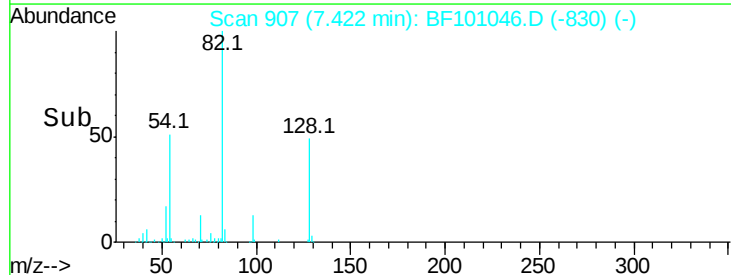
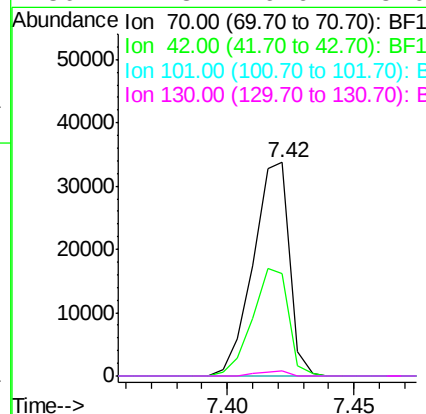
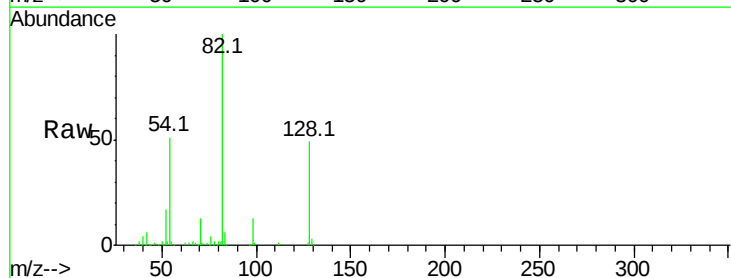
Instrument :
BNA_F
ClientSampleId :

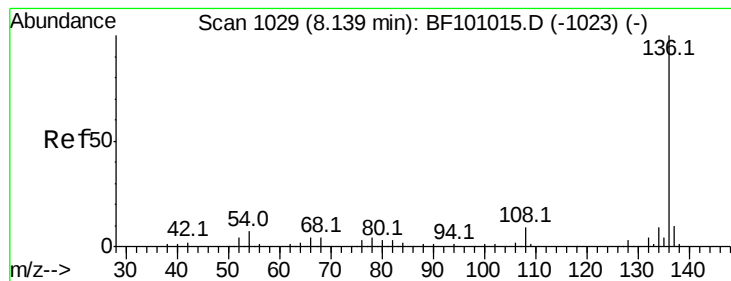
Tot Ion: 94 Resp: 16844
Ion Ratio Lower Upper
94 100
65 33.5 7.9 47.9
66 55.5 16.2 56.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.331 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF101046.D
Acq: 1 Dec 2017 4:14

Tgt Ion: 70 Resp: 33667
Ion Ratio Lower Upper
70 100
42 48.0 47.5 71.3
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF101046.D

Acq: 1 Dec 2017 4:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 209357

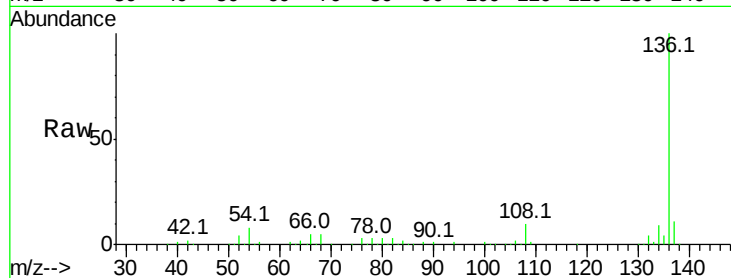
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.6 6.6 9.8

68 5.2 5.0 7.4

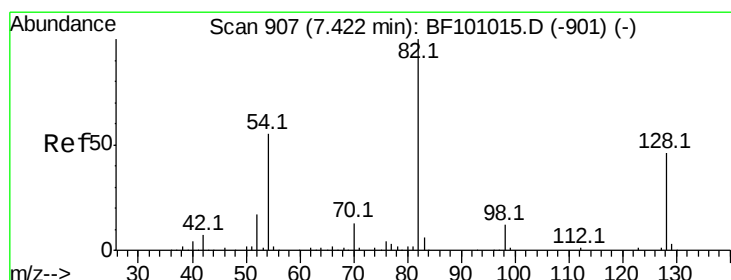
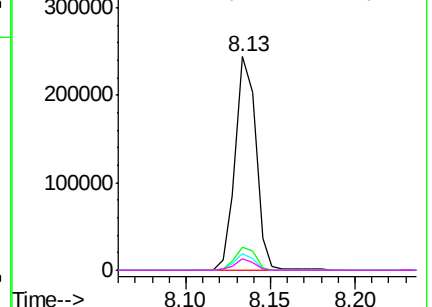
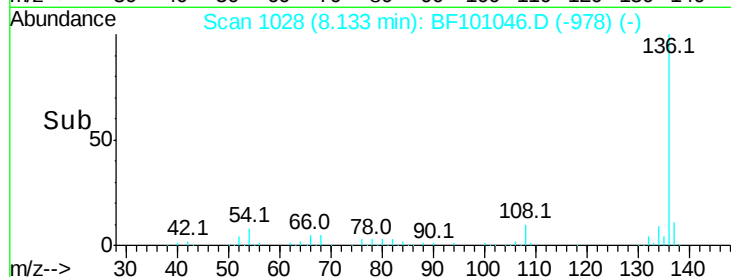


Abundance Ion 136.00 (135.70 to 136.70): B

Ion 137.00 (136.70 to 137.70): B

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 71.186 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF101046.D

Acq: 1 Dec 2017 4:14

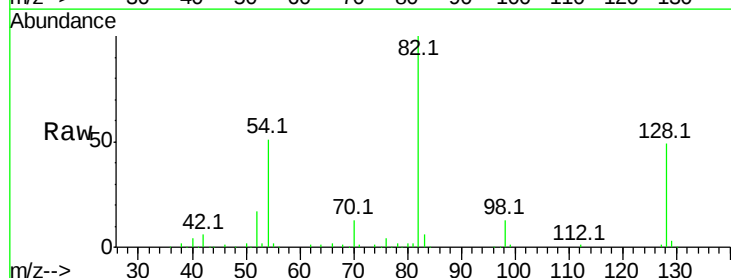
Tgt Ion: 82 Resp: 249834

Ion Ratio Lower Upper

82 100

128 48.5 36.1 54.1

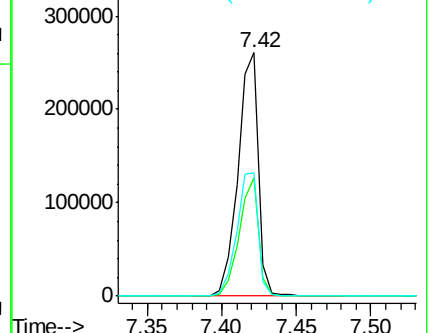
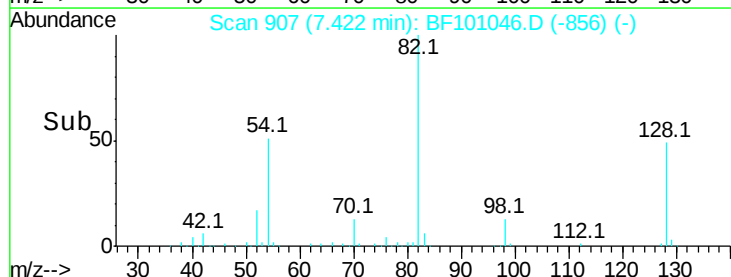
54 50.7 41.4 62.2

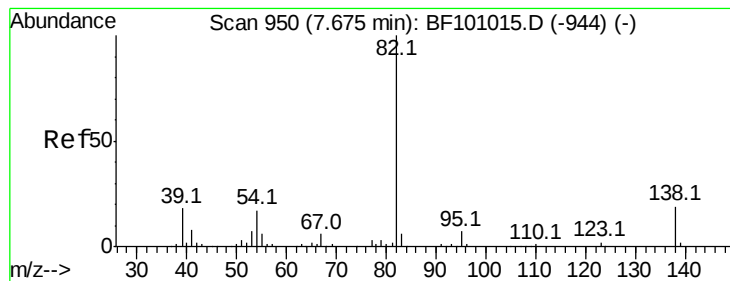


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 41.675 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.25 min

Lab File: BF101046.D

Acq: 1 Dec 2017 4:14

Instrument :

BNA_F

ClientSampleId :

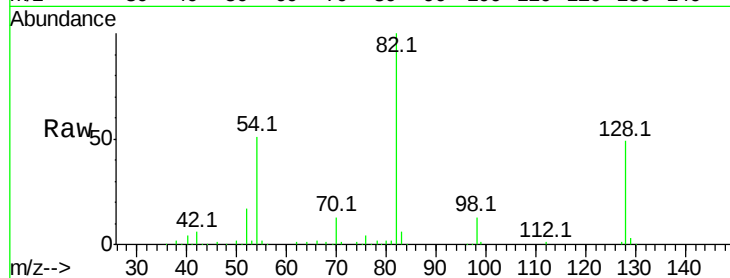
Tot Ion: 82 Resp: 249831

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

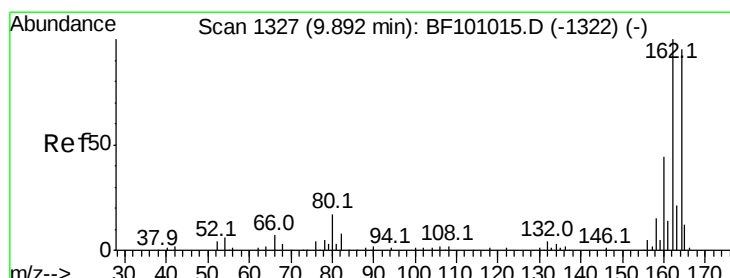
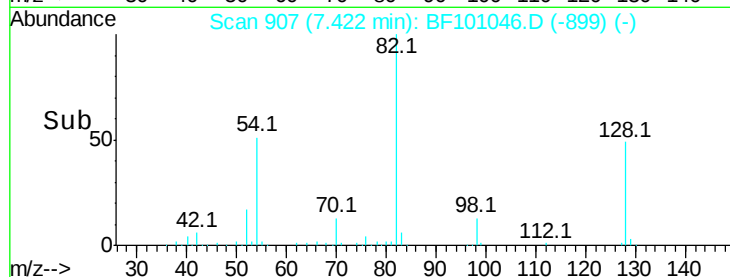
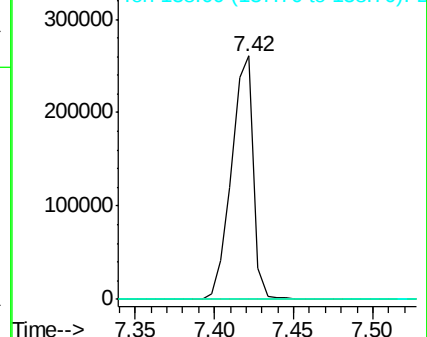
138 0.0 14.9 22.3#



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: 9.89 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BF101046.D

Acq: 1 Dec 2017 4:14

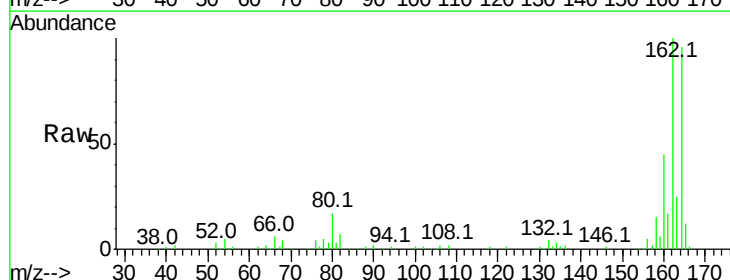
Tgt Ion:164 Resp: 87540

Ion Ratio Lower Upper

164 100

162 103.6 86.1 129.1

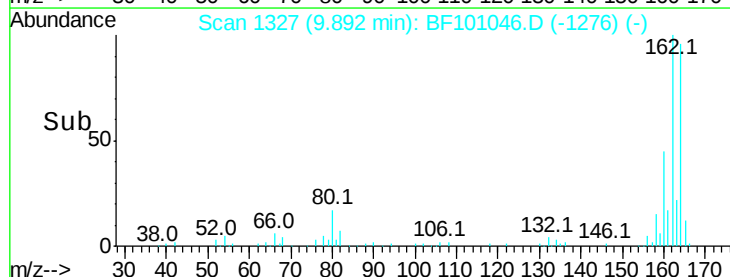
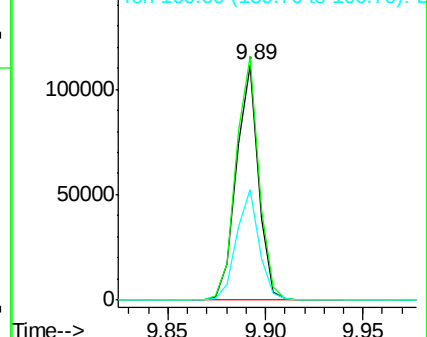
160 47.0 38.3 57.5

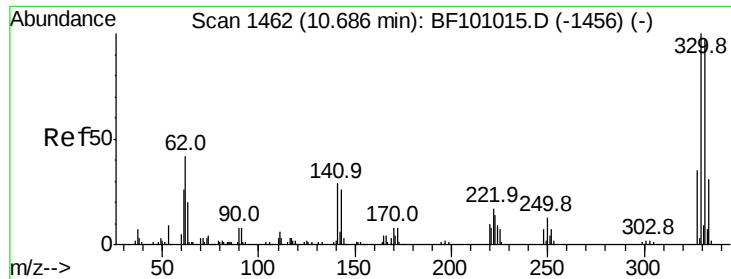


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

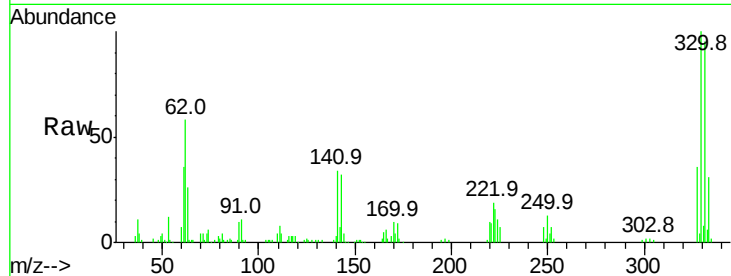




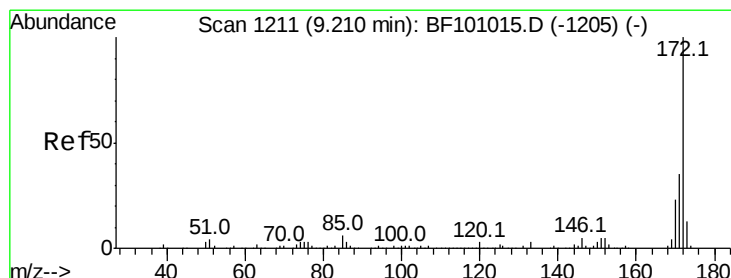
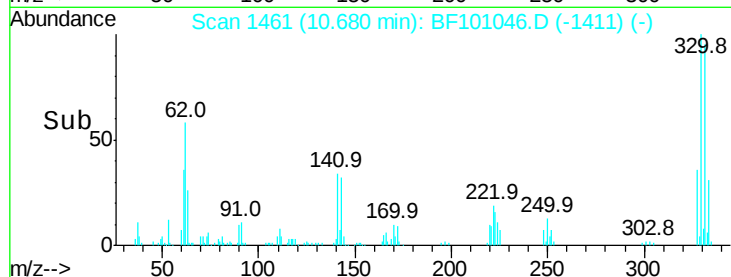
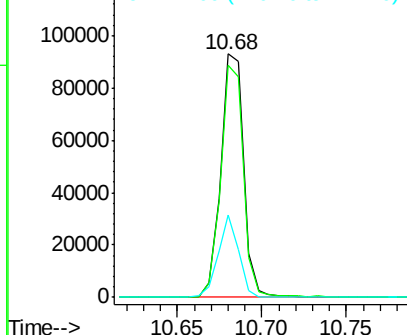
#41
 2,4,6-Tribromophenol
 Concen: 83.912 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF101046.D
 Acq: 1 Dec 2017 4:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 88242
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.0 115.6
 141 30.1 29.9 44.9

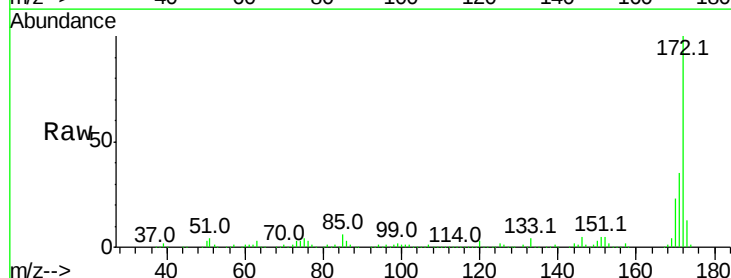


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

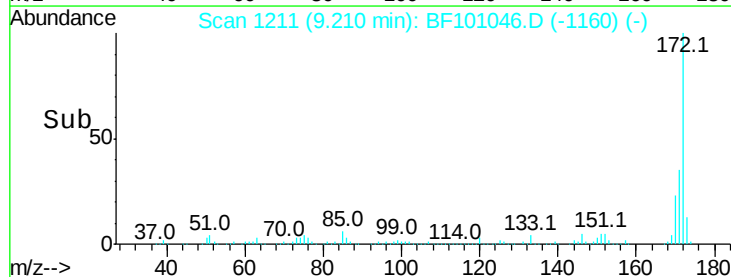
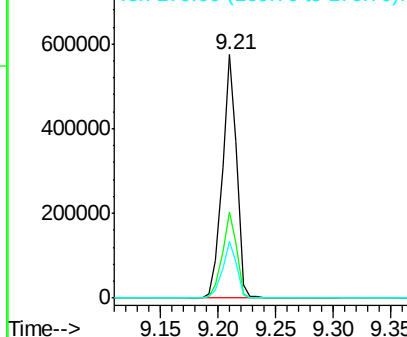


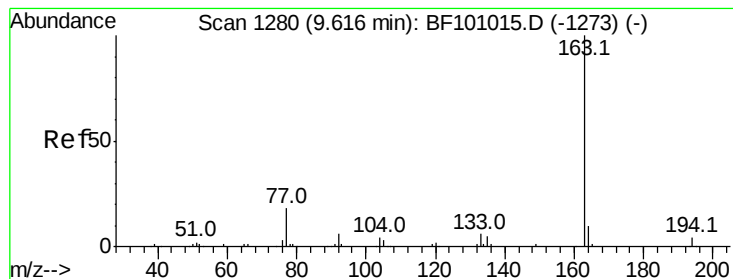
#44
 2-Fluorobiphenyl
 Concen: 77.354 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF101046.D
 Acq: 1 Dec 2017 4:14

Tgt Ion:172 Resp: 494927
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.7 44.5
 170 23.4 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: 2.988 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF101046.D

Acq: 1 Dec 2017 4:14

Instrument :

BNA_F

ClientSampleId :

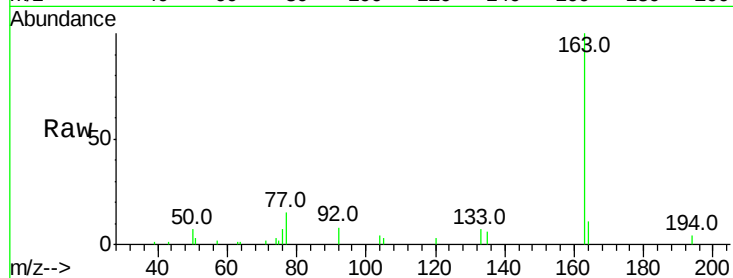
Tot Ion:163 Resp: 21094

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

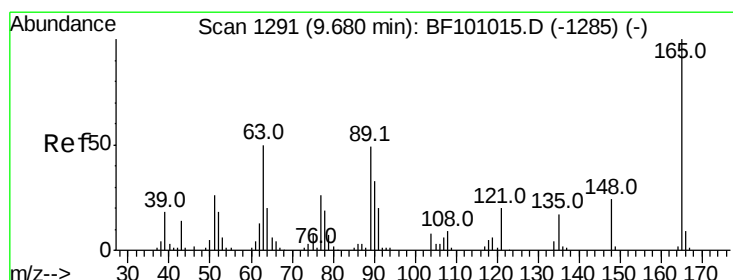
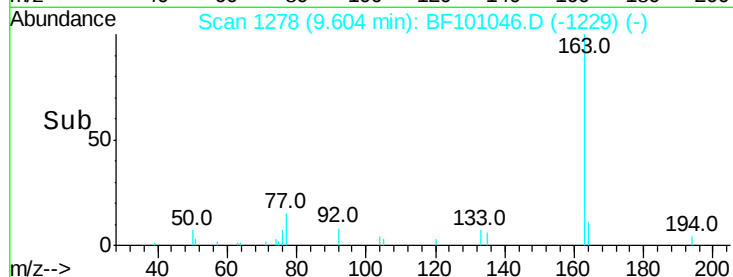
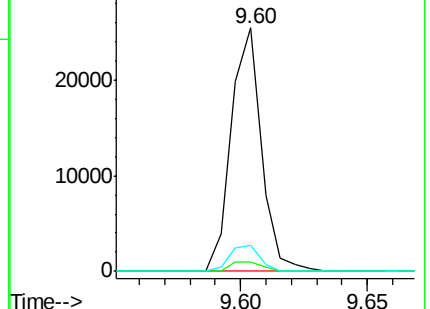
164 10.9 8.2 12.2



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: 7.249 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.21 min

Lab File: BF101046.D

Acq: 1 Dec 2017 4:14

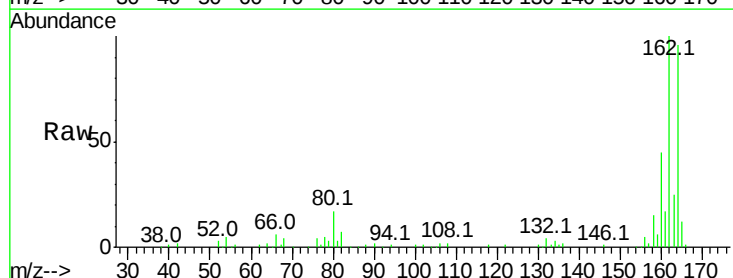
Tgt Ion:165 Resp: 10779

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

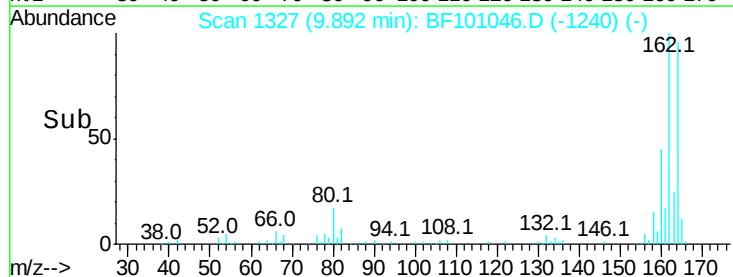
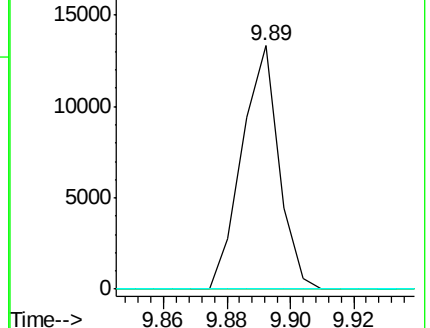
89 0.0 44.0 66.0#

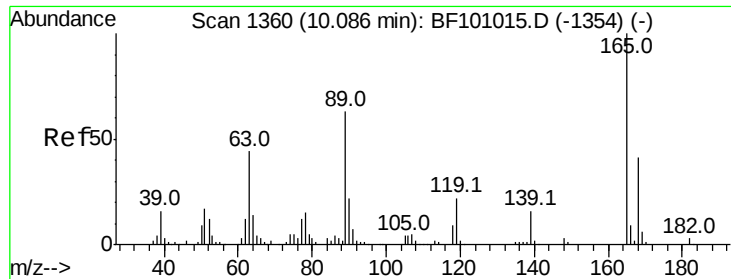


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

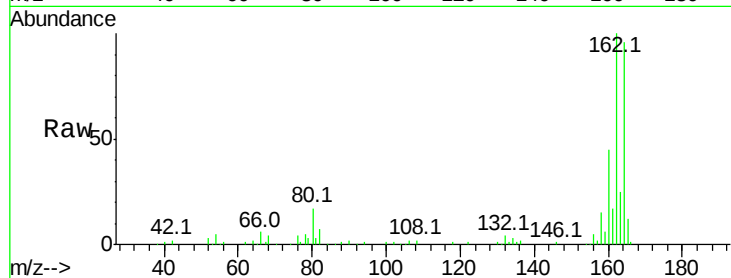




#56
 2,4-Dinitrotoluene
 Concen: 5.409 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF101046.D
 Acq: 1 Dec 2017 4:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	10779
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#

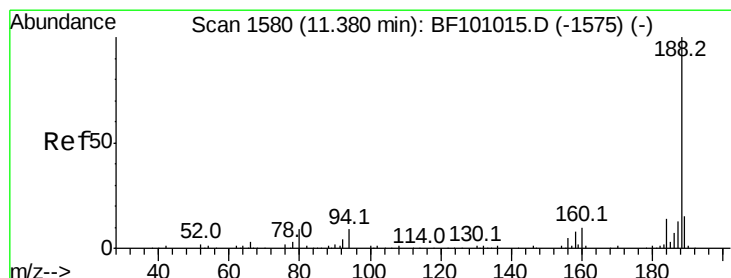
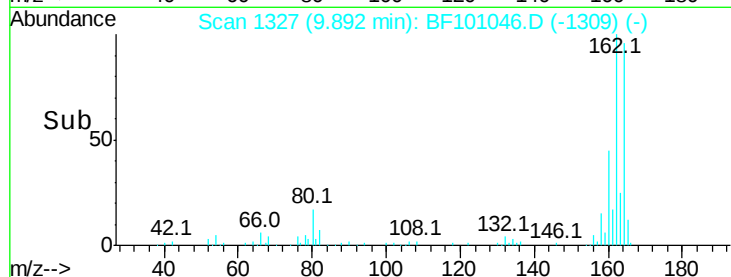
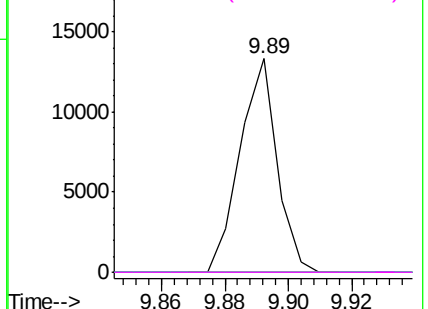


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

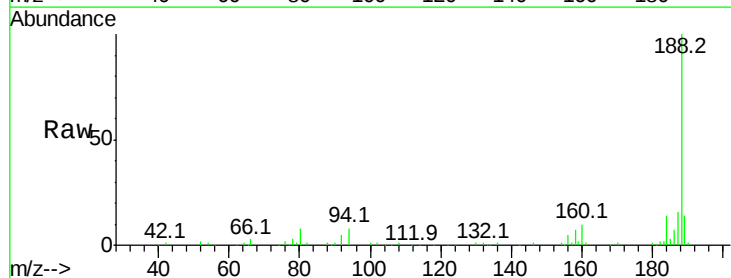
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF101046.D
 Acq: 1 Dec 2017 4:14

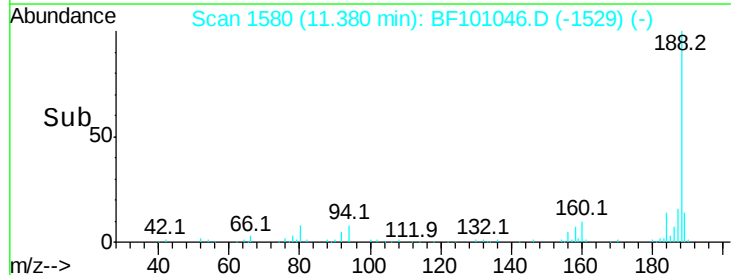
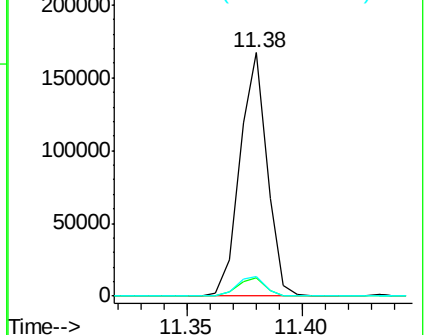
Tgt Ion:188	Resp:	137691
Ion Ratio	Lower	Upper
188	100	
94	7.6	8.5 12.7#
80	8.0	9.2 13.8#

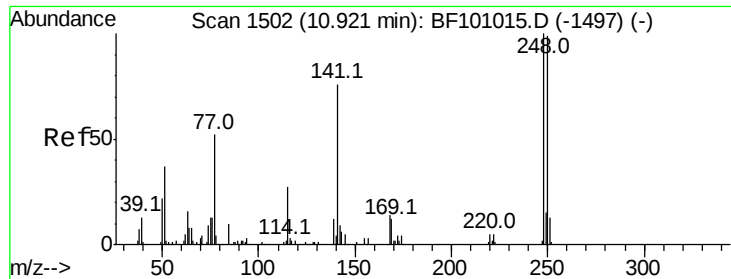


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

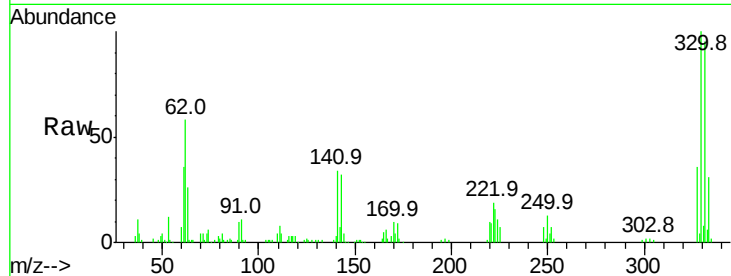




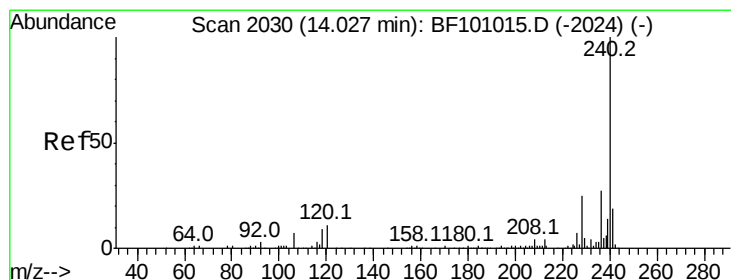
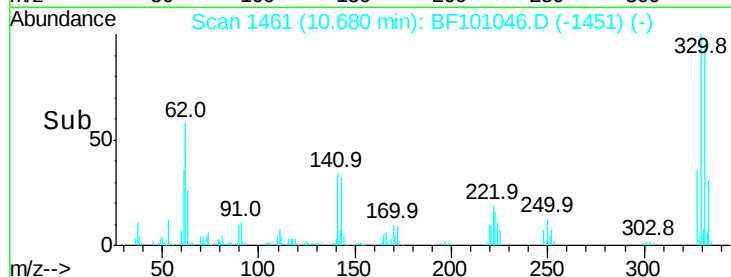
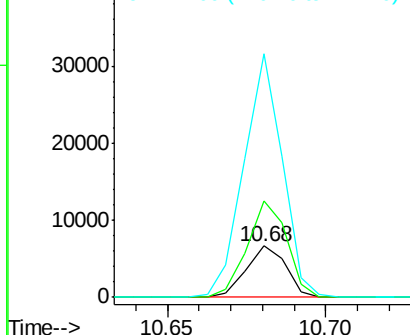
#66
 4-Bromophenyl-phenylether
 Concen: 3.768 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.24 min
 Lab File: BF101046.D
 Acq: 1 Dec 2017 4:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 5807
 Ion Ratio Lower Upper
 248 100
 250 186.9 76.9 115.3#
 141 473.3 74.4 111.6#

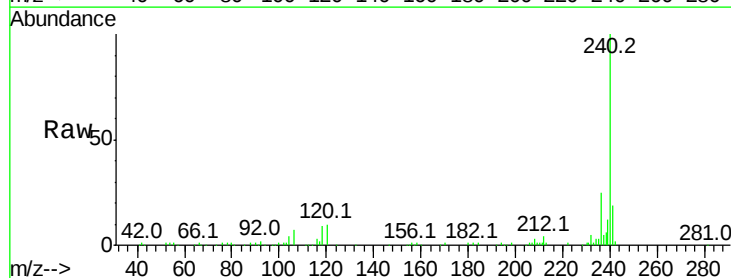


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

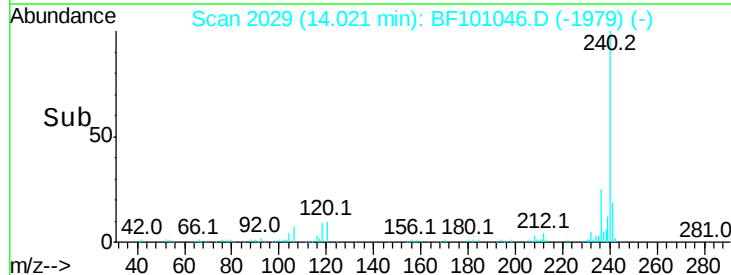
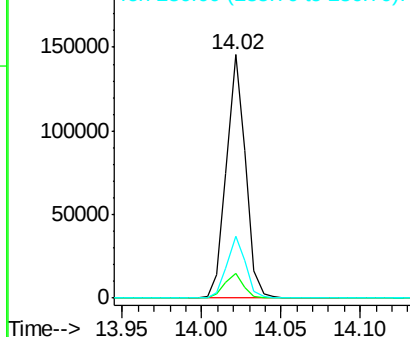


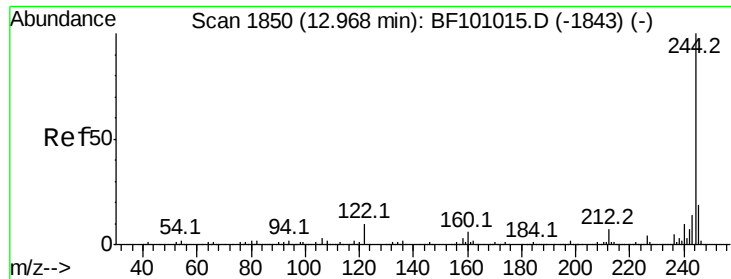
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF101046.D
 Acq: 1 Dec 2017 4:14

Tgt Ion:240 Resp: 121604
 Ion Ratio Lower Upper
 240 100
 120 10.1 9.5 14.3
 236 25.5 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

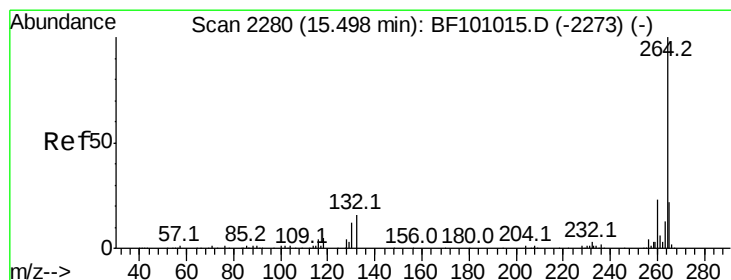
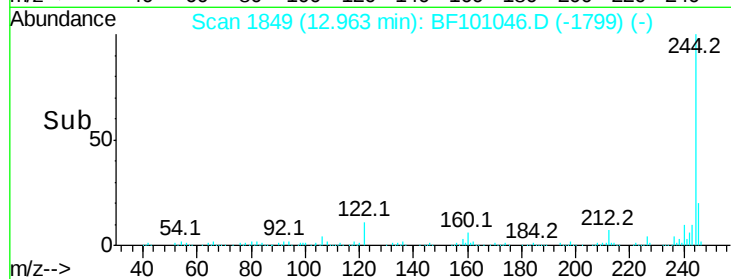
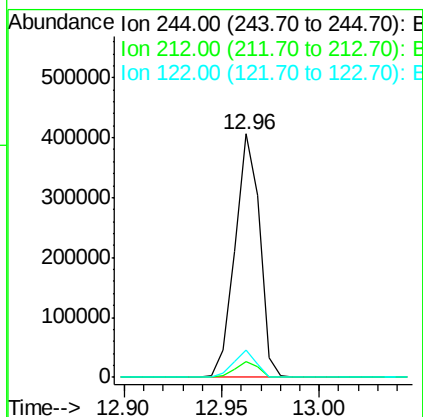
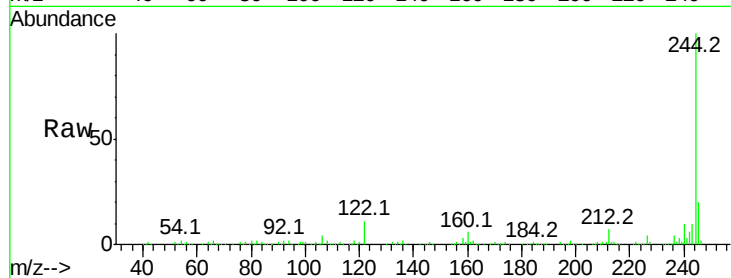




#78
 Terphenyl-d14
 Concen: 64.012 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF101046.D
 Acq: 1 Dec 2017 4:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 355884
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 11.4 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BF101046.D
 Acq: 1 Dec 2017 4:14

Tgt Ion:264 Resp: 92183
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.2 28.8
 265 20.9 17.5 26.3

