

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
 Data File : BF100909.D
 Acq On : 27 Nov 2017 23:46
 Operator : SJ/JU
 Sample : PB104511BL
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 28 02:19:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 14:11:25 2017
 Response via : Initial Calibration

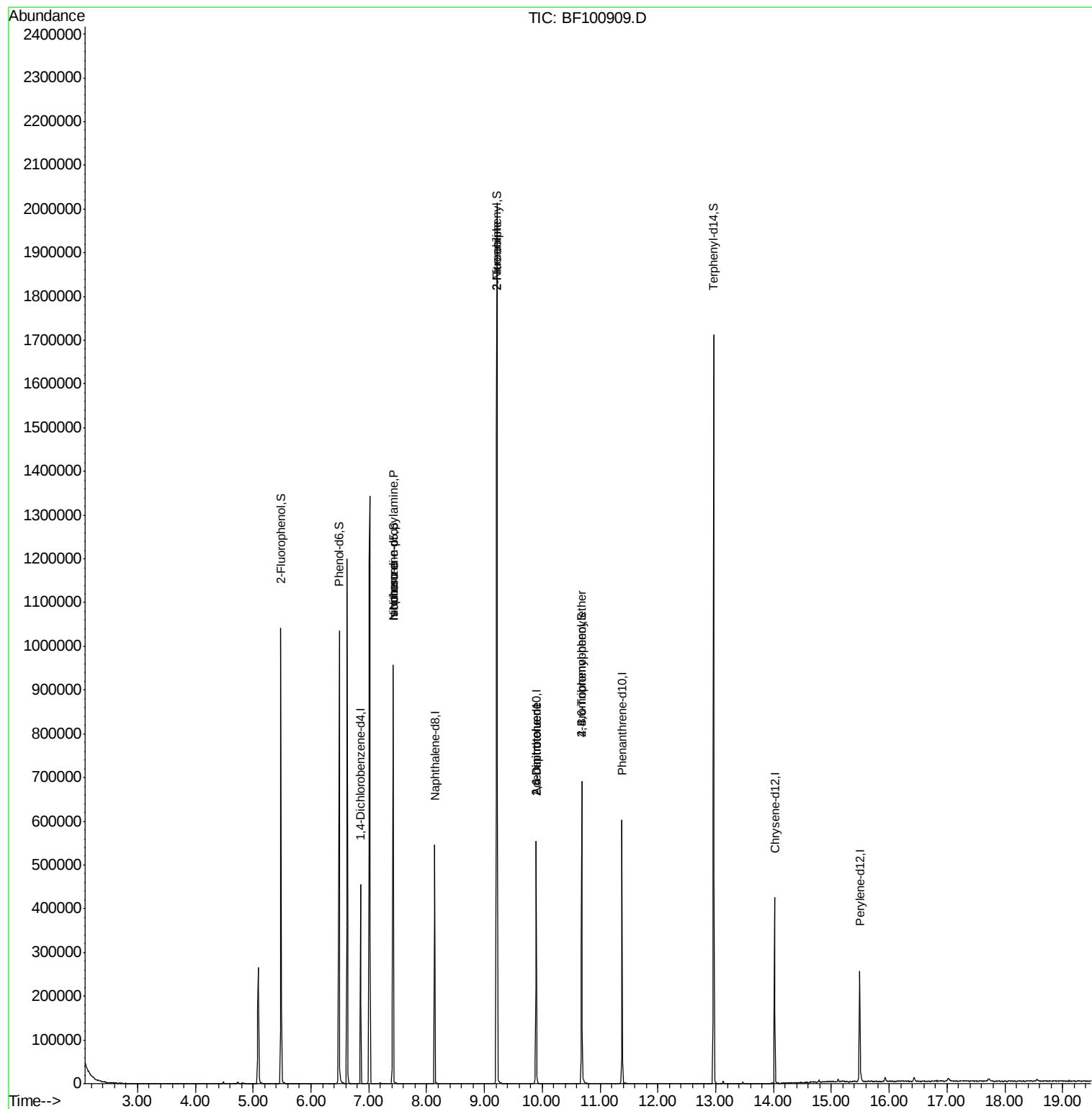
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	64546	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	246209	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	117156	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	211542	20.00	ng	0.00
75) Chrysene-d12	14.02	240	147247	20.00	ng	0.00
86) Perylene-d12	15.49	264	124378	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	296945	73.75	ng	0.00
7) Phenol-d6	6.49	99	354089	71.31	ng	0.00
23) Nitrobenzene-d5	7.42	82	327906	88.05	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	91586	76.72	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	691413	89.87	ng	0.00
78) Terphenyl-d14	12.97	244	546046	85.21	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	41631	12.090	ng	# 79
25) Isophorone	7.42	82	327901	41.900	ng	# 64
47) 2-Nitroaniline	9.22	65	762	3.114	ng	# 5
50) 2,6-Dinitrotoluene	9.89	165	14726	8.317	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	14726	6.593	ng	# 21
66) 4-Bromophenyl-phenylether	10.68	248	5487	2.420	ng	# 1

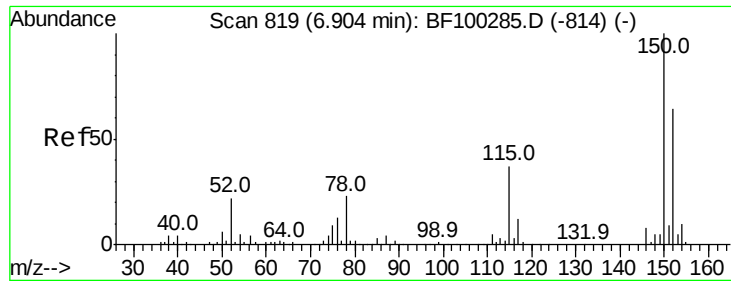
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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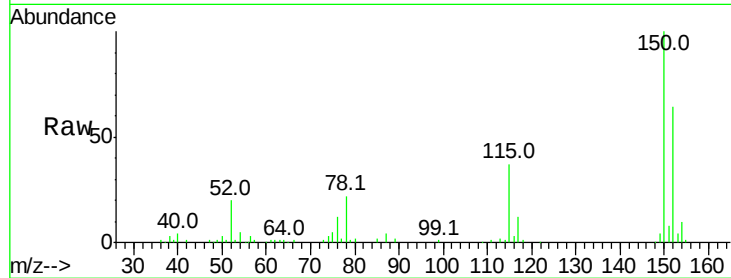


#1

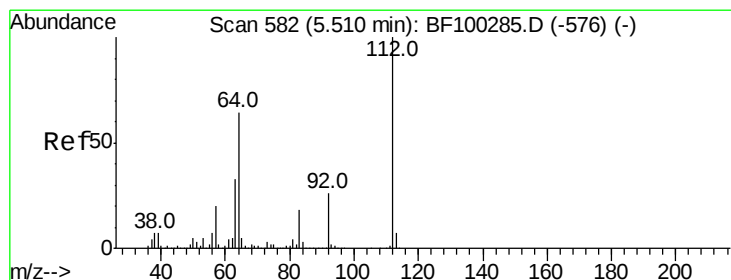
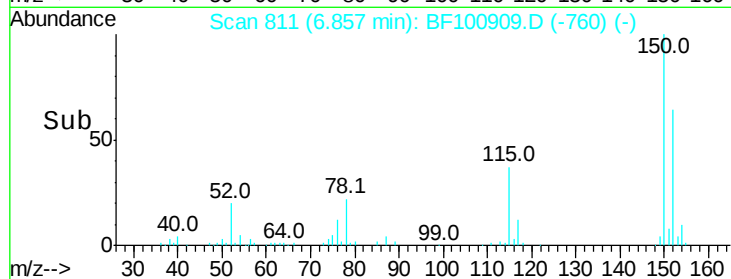
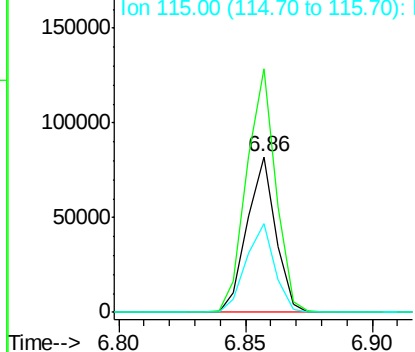
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF100909.D
 Acq: 27 Nov 2017 23:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 64546
 Ion Ratio Lower Upper
 152 100
 150 156.7 124.6 186.8
 115 57.5 50.1 75.1



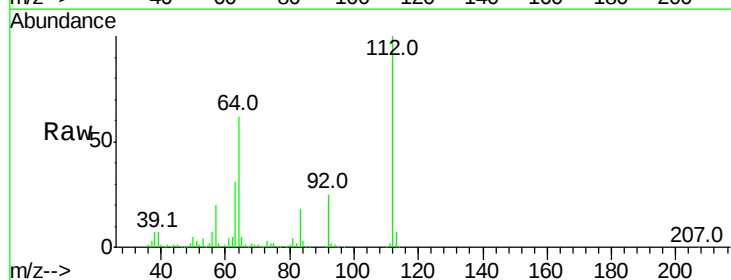
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



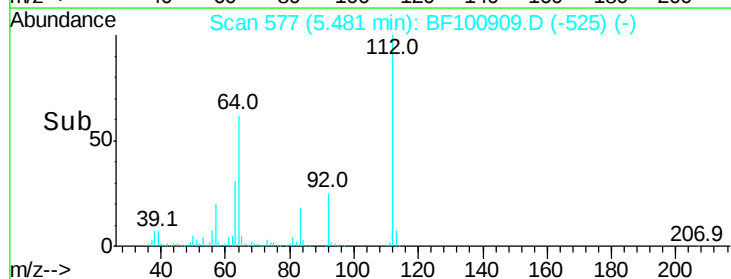
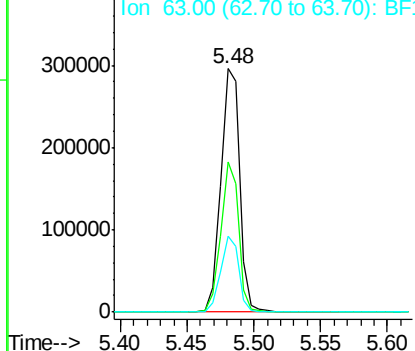
#5

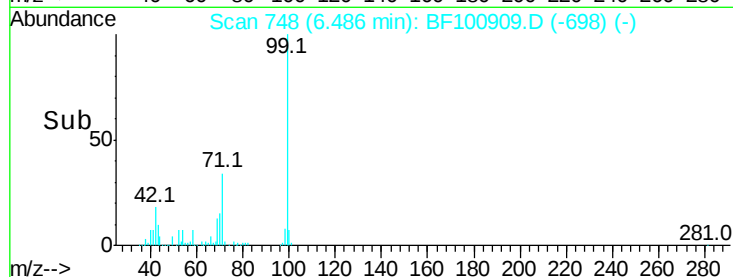
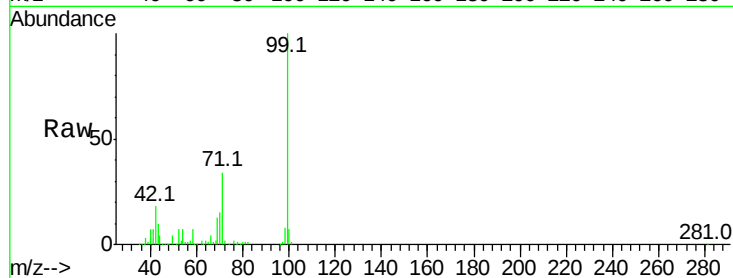
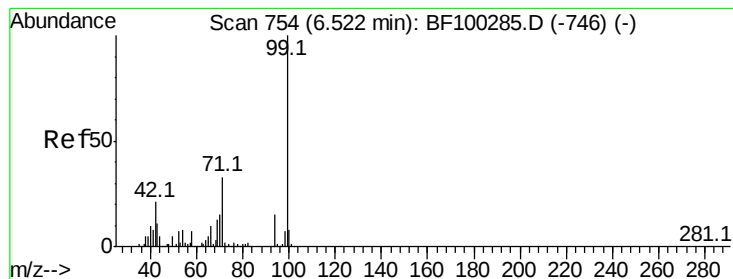
2-Fluorophenol
 Concen: 73.746 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.01 min
 Lab File: BF100909.D
 Acq: 27 Nov 2017 23:46

Tgt Ion:112 Resp: 296945
 Ion Ratio Lower Upper
 112 100
 64 61.5 47.9 71.9
 63 31.2 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: 71.312 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF100909.D

Acq: 27 Nov 2017 23:46

Instrument :

BNA_F

ClientSampleId :

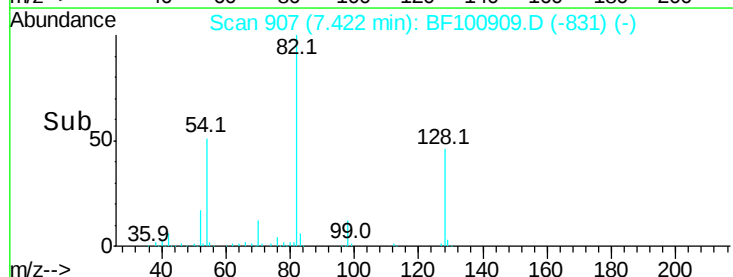
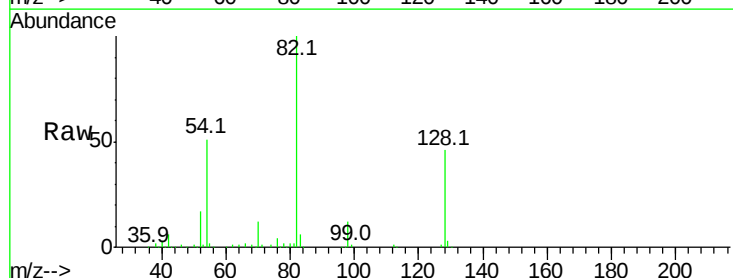
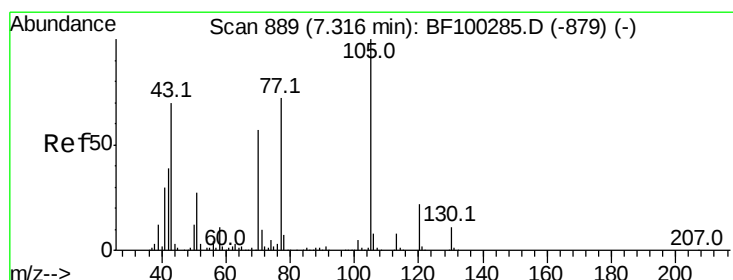
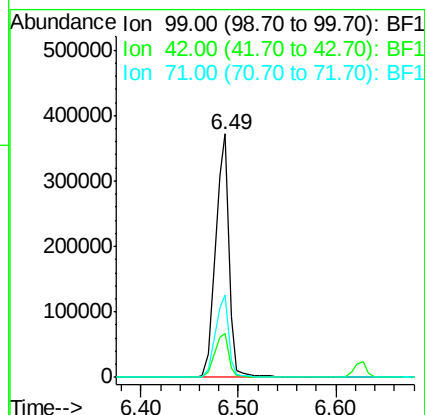
Tot Ion: 99 Resp: 354089

Ion Ratio Lower Upper

99 100

42 18.3 14.5 21.7

71 33.6 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 12.090 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.15 min

Lab File: BF100909.D

Acq: 27 Nov 2017 23:46

Tgt Ion: 70 Resp: 41631

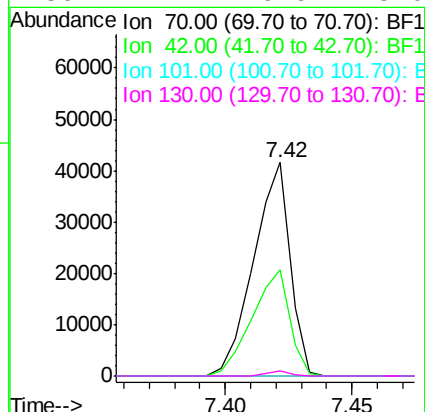
Ion Ratio Lower Upper

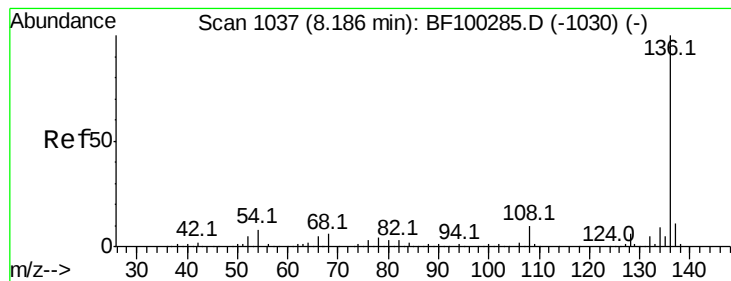
70 100

42 49.6 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF100909.D

Acq: 27 Nov 2017 23:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 246209

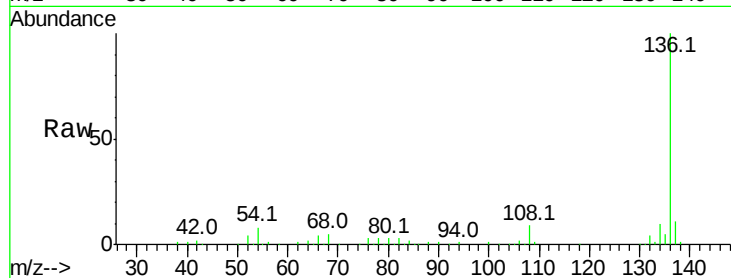
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.9 6.6 9.8

68 4.6 5.0 7.4#

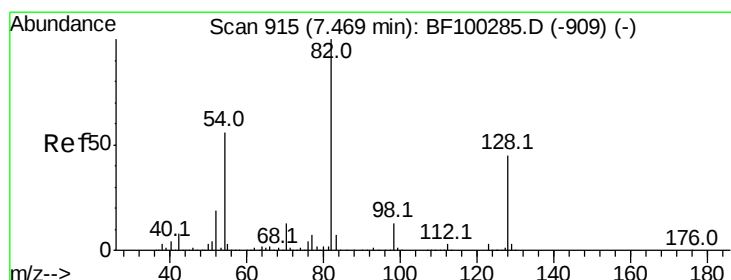
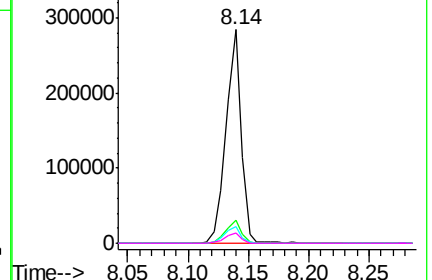
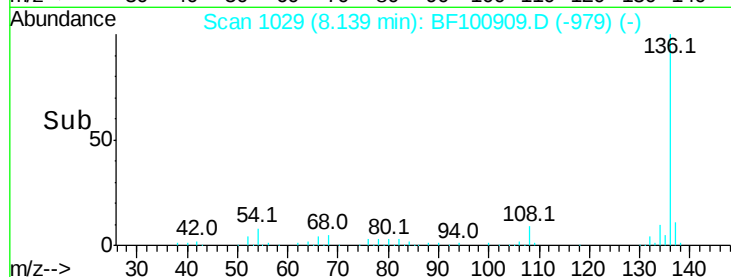


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.051 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF100909.D

Acq: 27 Nov 2017 23:46

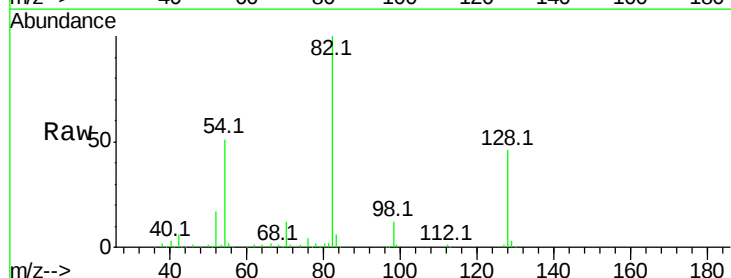
Tgt Ion: 82 Resp: 327906

Ion Ratio Lower Upper

82 100

128 46.3 36.1 54.1

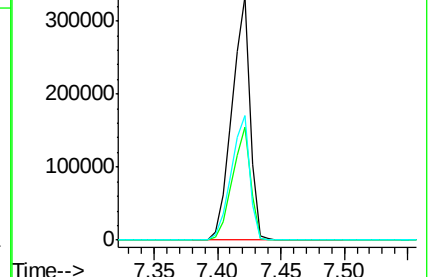
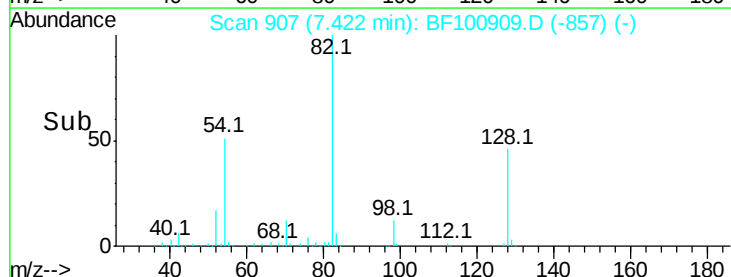
54 51.4 41.4 62.2

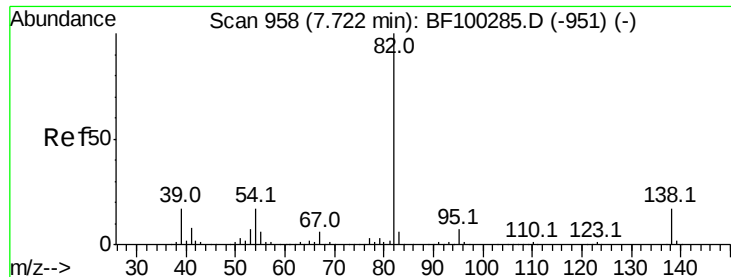


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 41.900 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.26 min

Lab File: BF100909.D

Acq: 27 Nov 2017 23:46

Instrument :

BNA_F

ClientSampled :

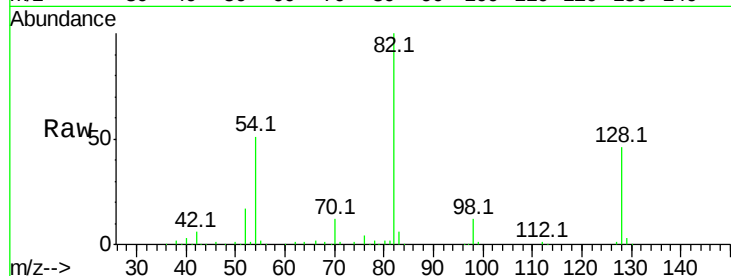
Tot Ion: 82 Resp: 327901

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

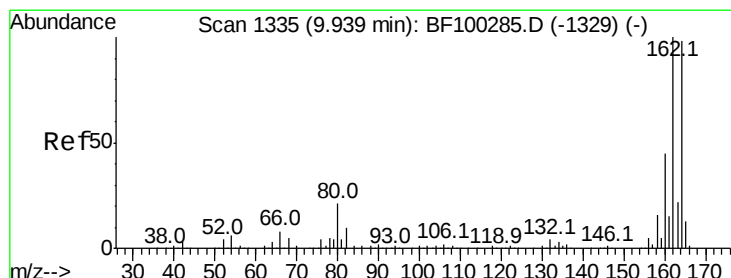
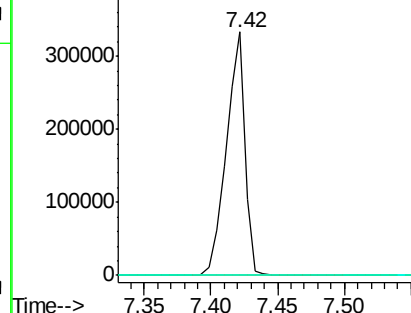
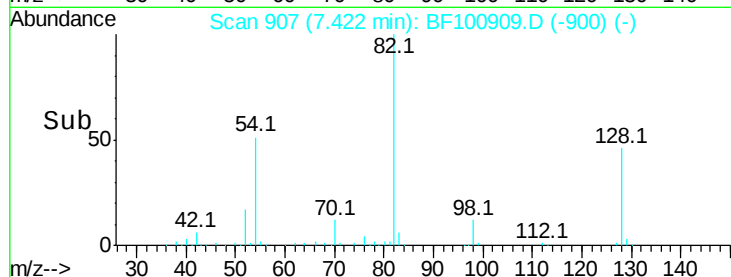
138 0.0 14.9 22.3#



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. -0.01 min

Lab File: BF100909.D

Acq: 27 Nov 2017 23:46

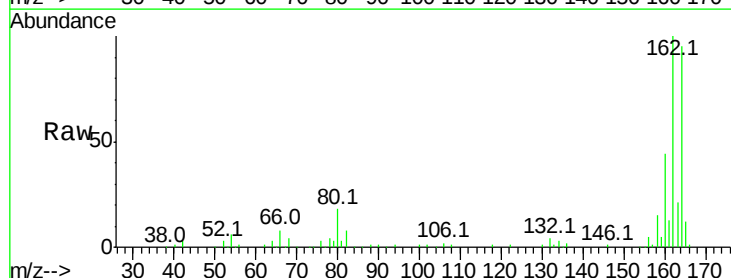
Tgt Ion:164 Resp: 117156

Ion Ratio Lower Upper

164 100

162 104.7 86.1 129.1

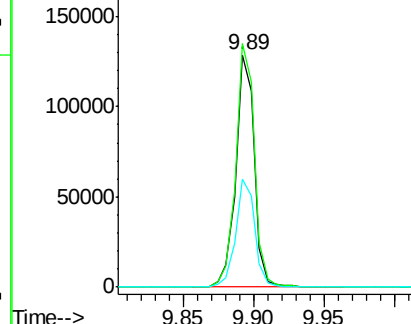
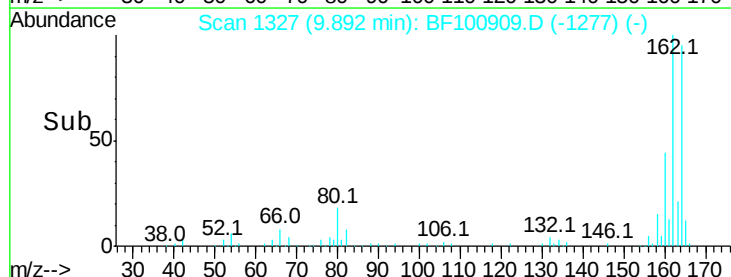
160 46.2 38.3 57.5



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

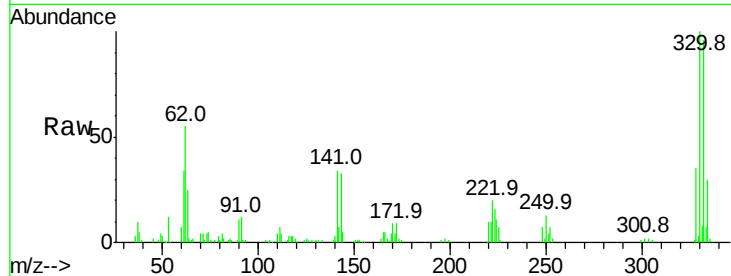




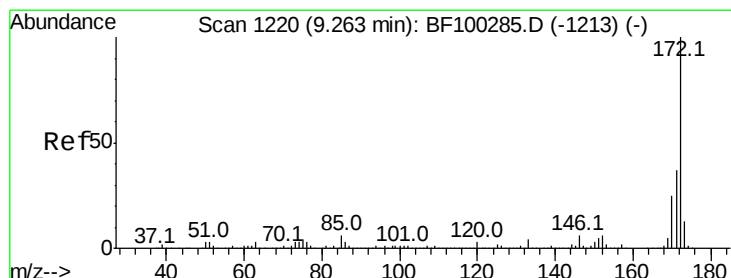
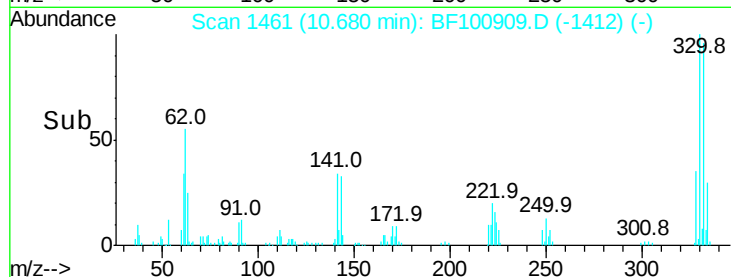
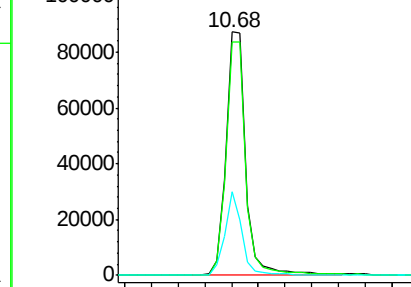
#41
 2,4,6-Tribromophenol
 Concen: 76.717 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF100909.D
 Acq: 27 Nov 2017 23:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	29.4	29.9	44.9#

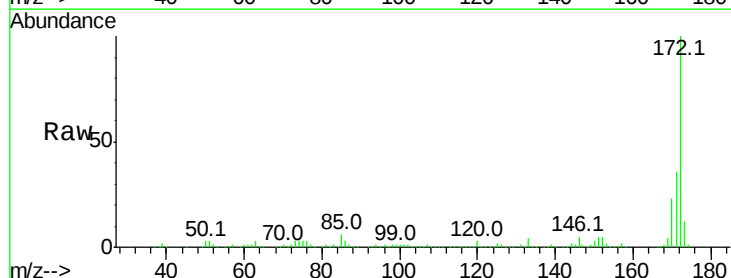


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

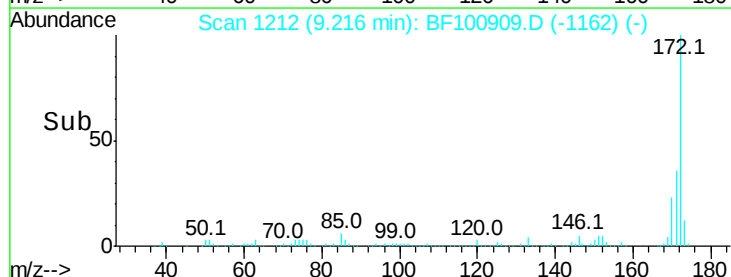
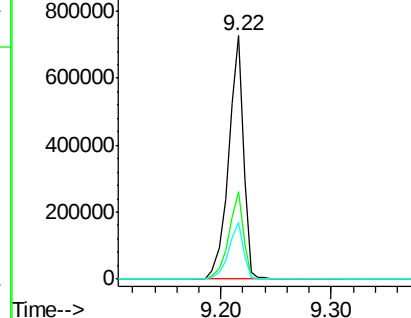


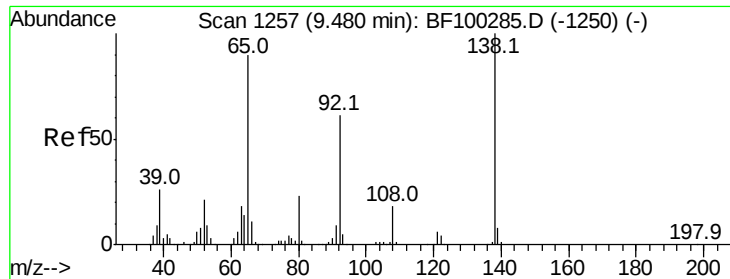
#44
 2-Fluorobiphenyl
 Concen: 89.865 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF100909.D
 Acq: 27 Nov 2017 23:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.5	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





#47

2-Nitroaniline

Concen: 3.114 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.23 min

Lab File: BF100909.D

Acq: 27 Nov 2017 23:46

Instrument :

BNA_F

ClientSampled :

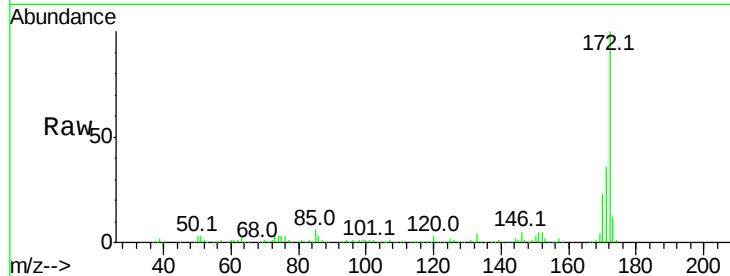
Tot Ion: 65 Resp: 762

Ion Ratio Lower Upper

65 100

92 196.7 55.8 83.6#

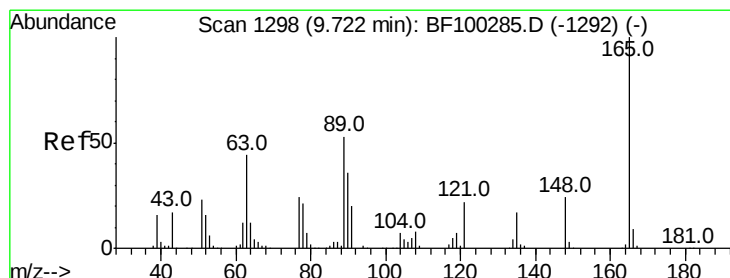
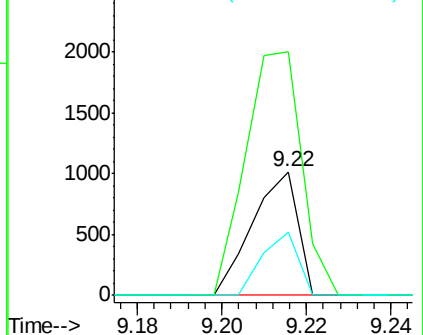
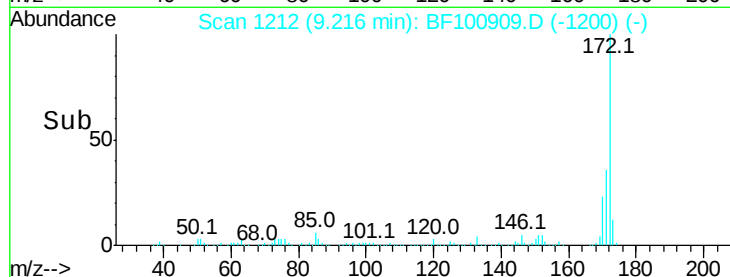
138 51.1 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#50

2,6-Dinitrotoluene

Concen: 8.317 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.21 min

Lab File: BF100909.D

Acq: 27 Nov 2017 23:46

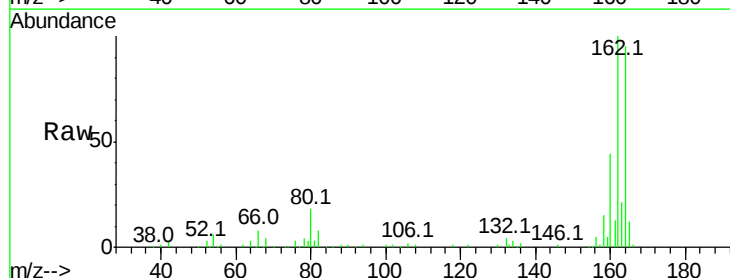
Tgt Ion:165 Resp: 14726

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

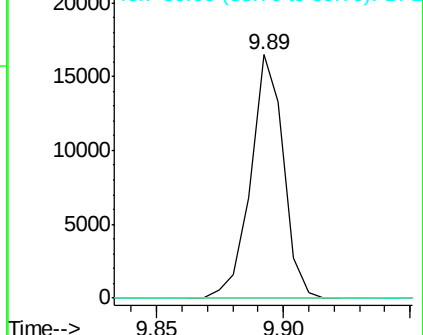
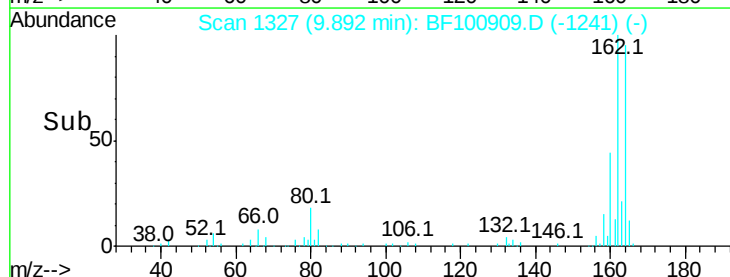
89 0.0 44.0 66.0#

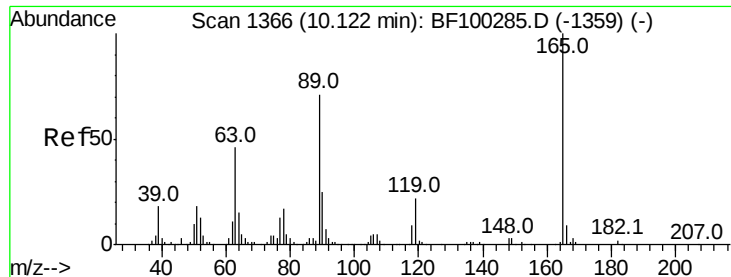


Abundance Ion 165.00 (164.70 to 165.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

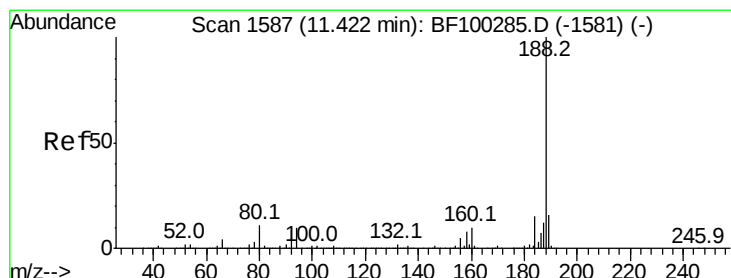
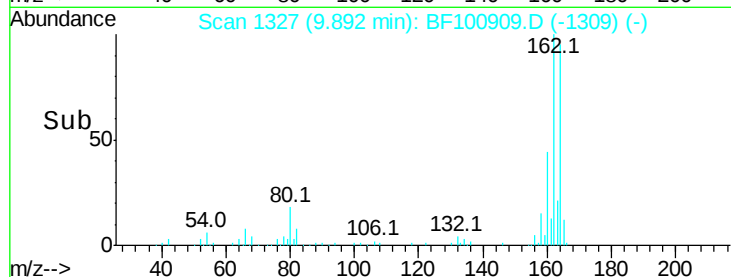
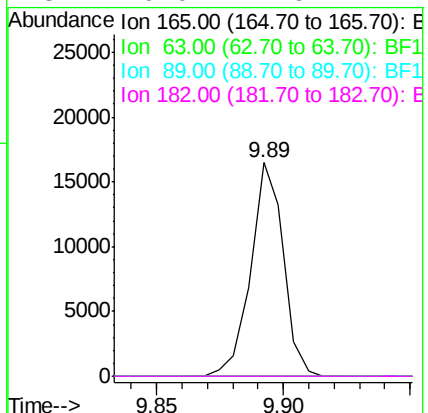
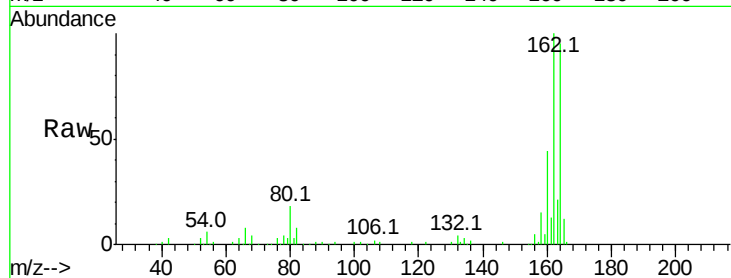




#56
 2,4-Dinitrotoluene
 Concen: 6.593 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF100909.D
 Acq: 27 Nov 2017 23:46

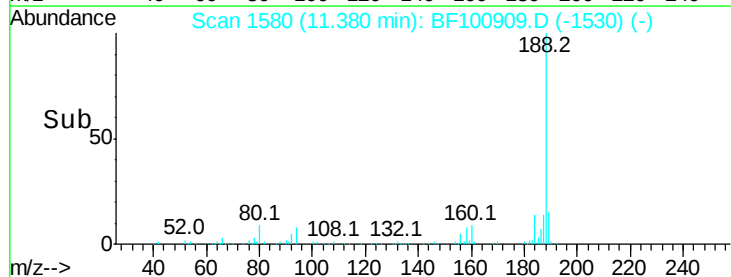
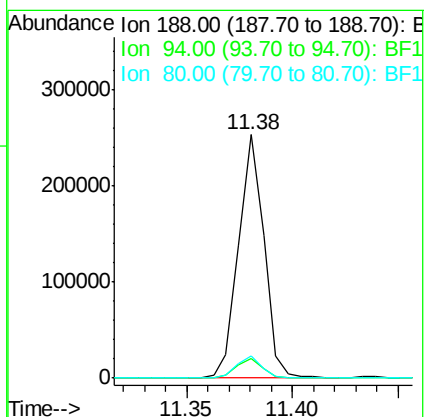
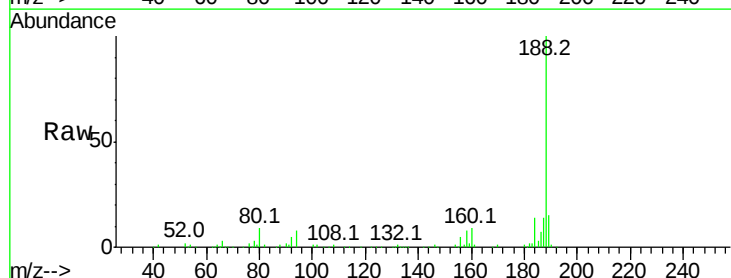
Instrument :
 BNA_F
 ClientSampleId :

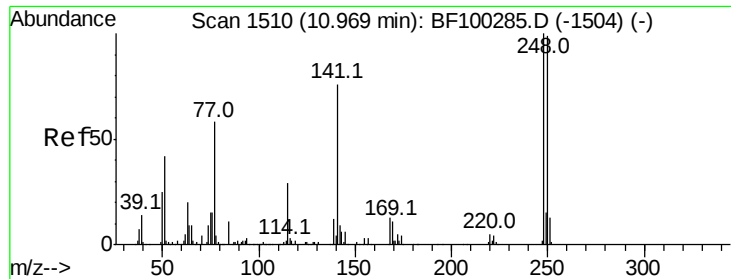
Tot Ion:165	Resp:	14726
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	0.0	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BF100909.D
 Acq: 27 Nov 2017 23:46

Tgt Ion:188	Resp:	211542
Ion Ratio	Lower	Upper
188	100	
94	8.1	8.5 12.7#
80	9.2	9.2 13.8

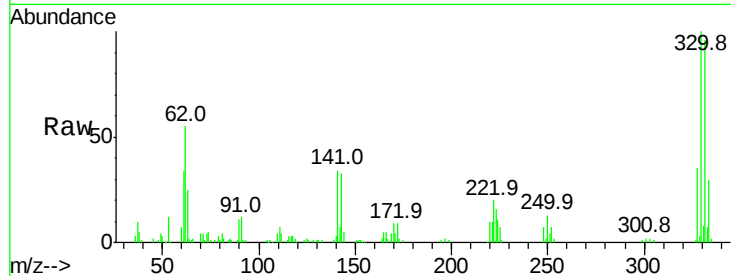




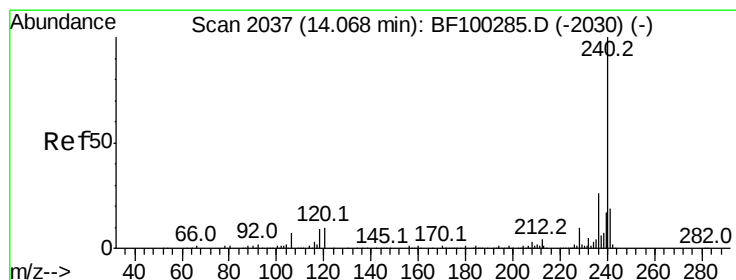
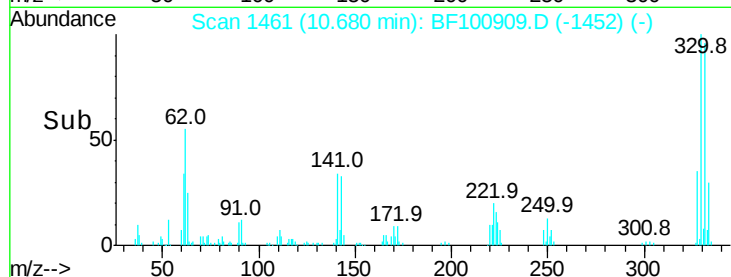
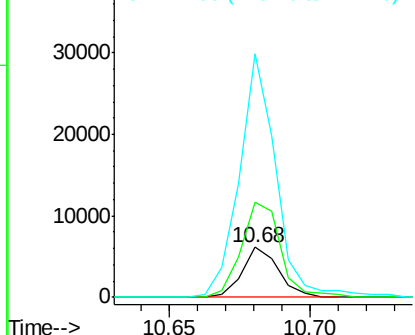
#66
 4-Bromophenyl-phenylether
 Concen: 2.420 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.25 min
 Lab File: BF100909.D
 Acq: 27 Nov 2017 23:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 5487
 Ion Ratio Lower Upper
 248 100
 250 188.7 76.9 115.3#
 141 485.0 74.4 111.6#

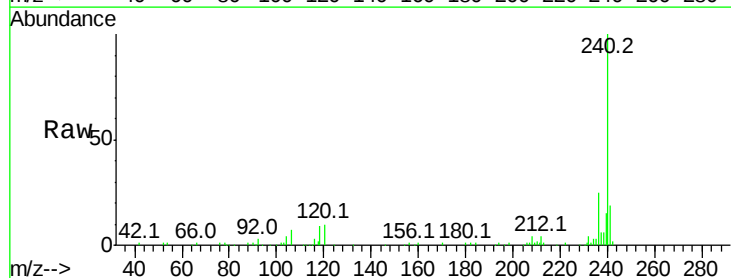


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

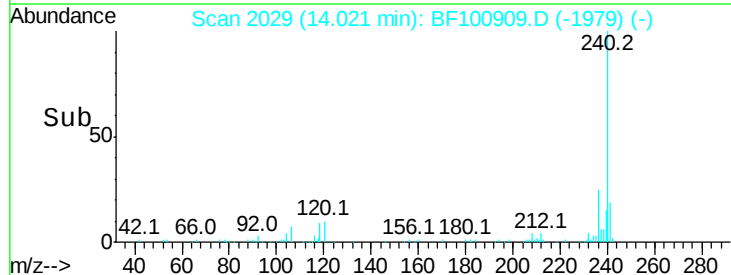
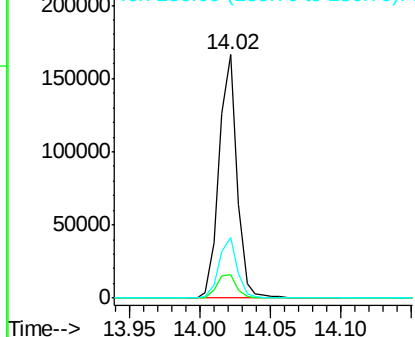


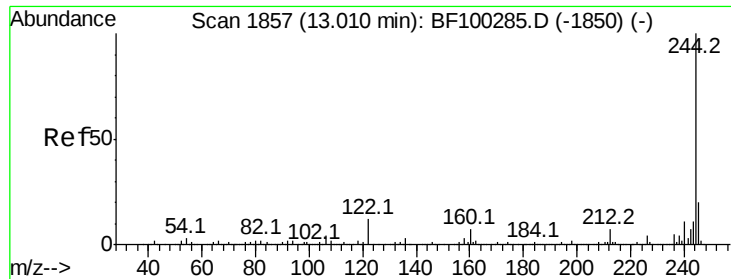
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF100909.D
 Acq: 27 Nov 2017 23:46

Tgt Ion:240 Resp: 147247
 Ion Ratio Lower Upper
 240 100
 120 9.7 9.5 14.3
 236 25.0 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

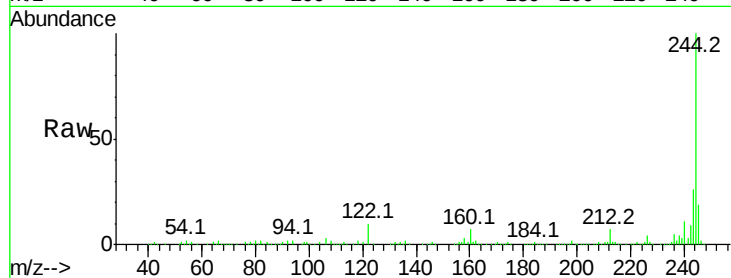




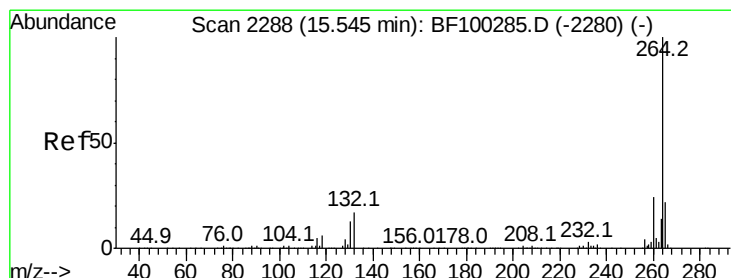
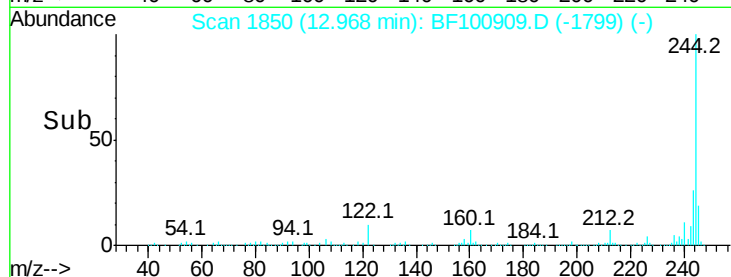
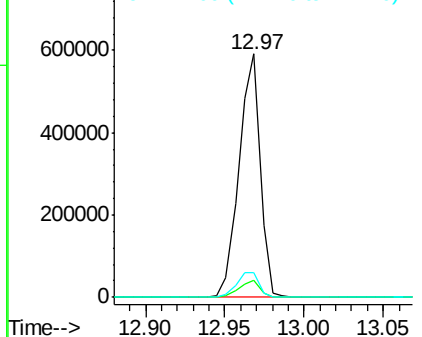
#78
 Terphenyl-d14
 Concen: 85.207 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.00 min
 Lab File: BF100909.D
 Acq: 27 Nov 2017 23:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 546046
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 10.2 11.0 16.4#

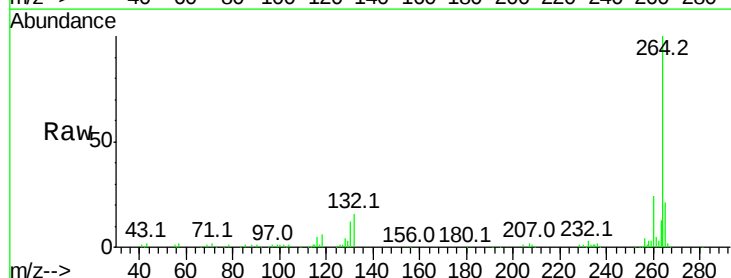


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BF100909.D
 Acq: 27 Nov 2017 23:46

Tgt Ion:264 Resp: 124378
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 20.9 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

