

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111517\
 Data File : BF100609.D
 Acq On : 16 Nov 2017 1:39
 Operator : SJ/JU
 Sample : I6426-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 16 03:40:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 15 13:27:38 2017
 Response via : Initial Calibration

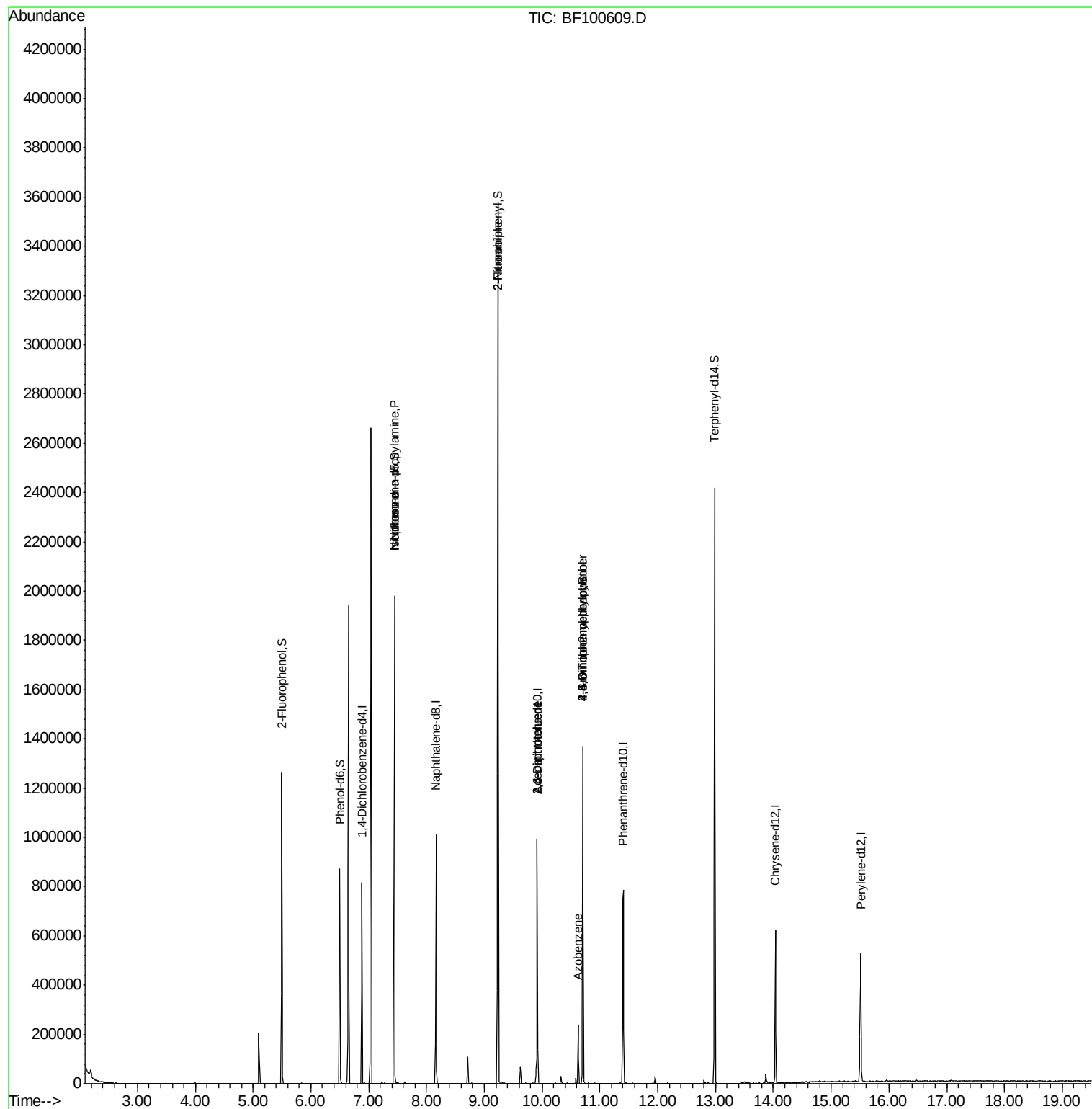
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	113757	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	434168	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	184857	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	290398	20.00	ng	0.00
75) Chrysene-d12	14.04	240	222686	20.00	ng	-0.01
86) Perylene-d12	15.51	264	243903	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	330604	46.59	ng	0.00
7) Phenol-d6	6.50	99	255362	29.18	ng	-0.02
23) Nitrobenzene-d5	7.45	82	680418	103.61	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	162989	86.53	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1219158	100.42	ng	0.00
78) Terphenyl-d14	12.99	244	793578	81.88	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	89683	14.78	ng	# 81
25) Isophorone	7.45	82	680083	49.28	ng	# 64
47) 2-Nitroaniline	9.24	65	1864	3.30	ng	# 1
50) 2,6-Dinitrotoluene	9.92	165	23259	8.33	ng	# 26
56) 2,4-Dinitrotoluene	9.92	165	23259	6.60	ng	# 23
62) Azobenzene	10.63	77	36029	2.71	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.70	198	133	8.64	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	10350	3.32	ng	# 1

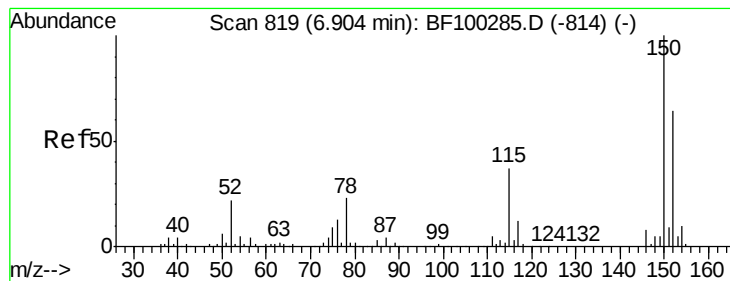
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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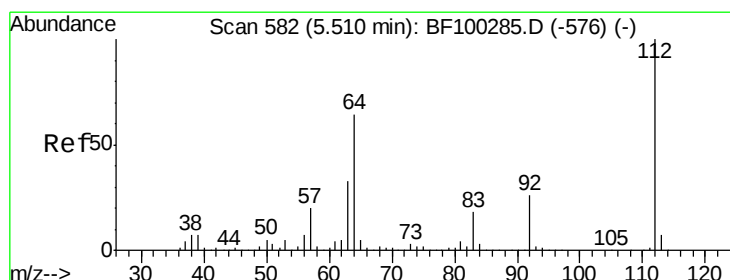
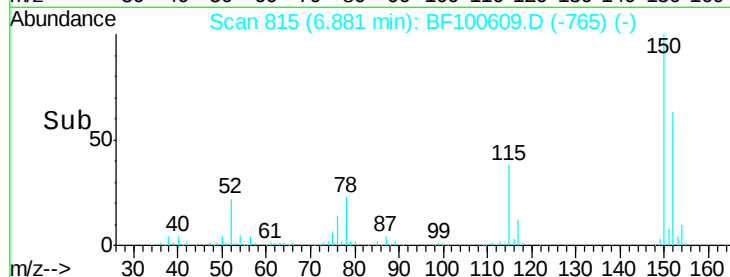
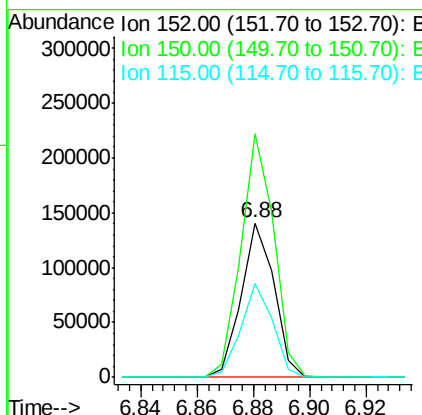
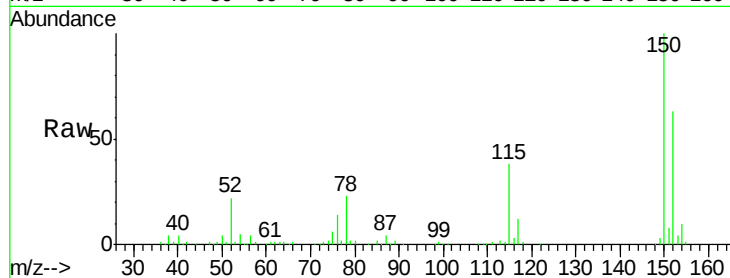


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100609.D
Acq: 16 Nov 2017 1:39

Instrument :
BNA_F
ClientSampled :

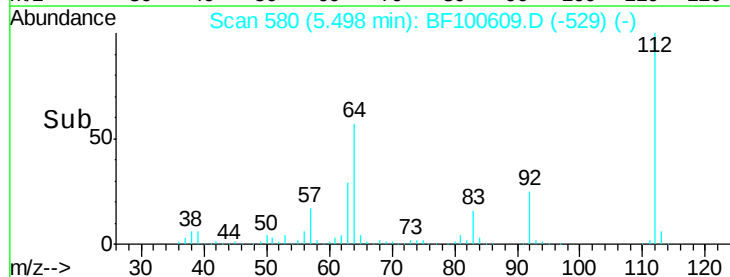
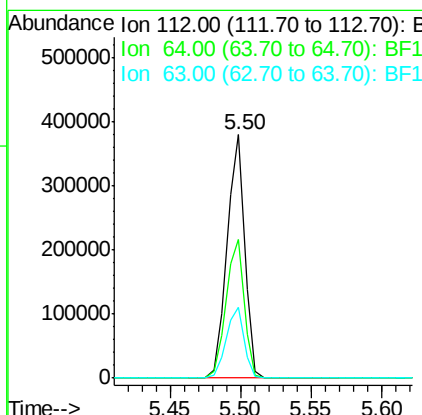
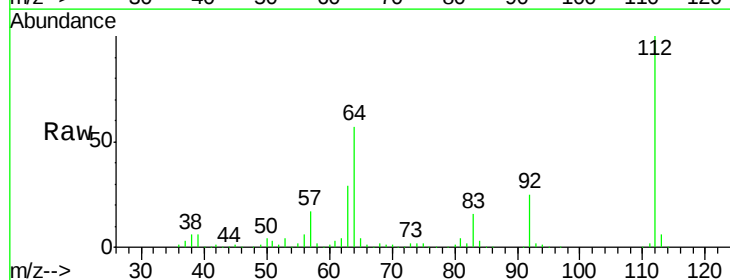
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	60.7	50.1	75.1

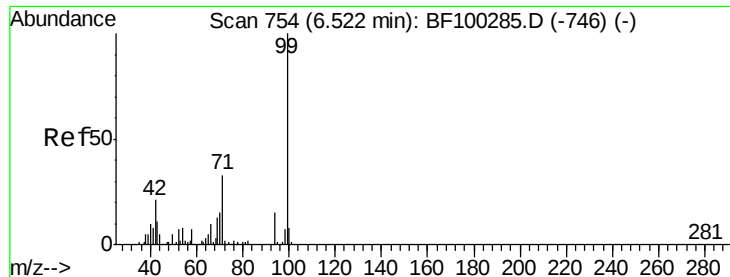


#5

2-Fluorophenol
Concen: 46.59 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF100609.D
Acq: 16 Nov 2017 1:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	47.9	71.9
63	29.0	23.7	35.5





#7

Phenol-d6

Concen: 29.18 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF100609.D

Acq: 16 Nov 2017 1:39

Instrument :

BNA_F

ClientSampleId :

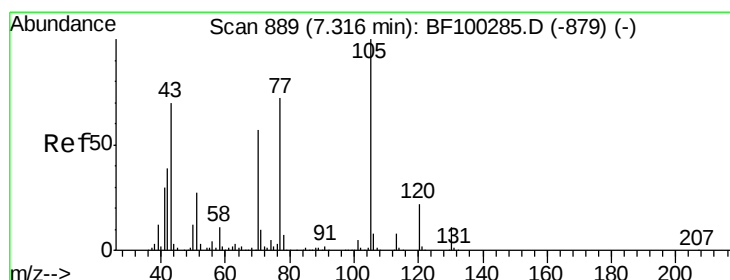
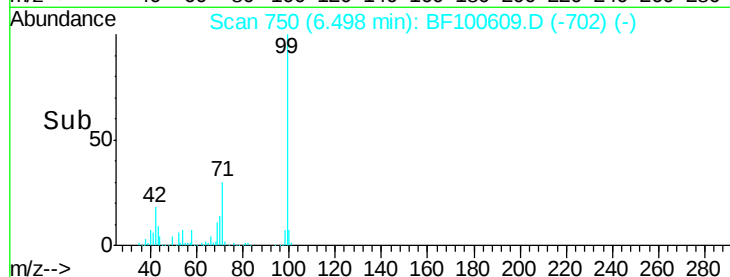
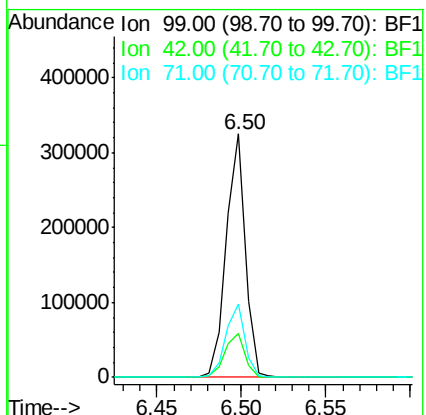
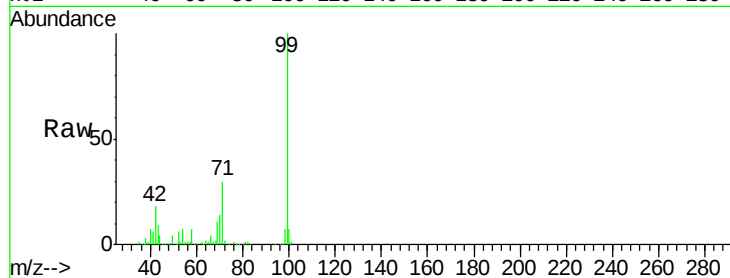
Tot Ion: 99 Resp: 255362

Ion Ratio Lower Upper

99 100

42 18.2 14.5 21.7

71 30.0 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.78 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.14 min

Lab File: BF100609.D

Acq: 16 Nov 2017 1:39

Tgt Ion: 70 Resp: 89683

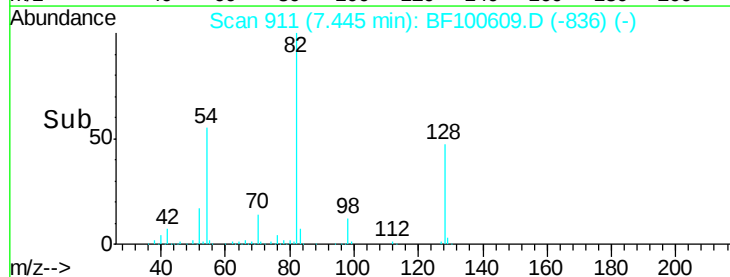
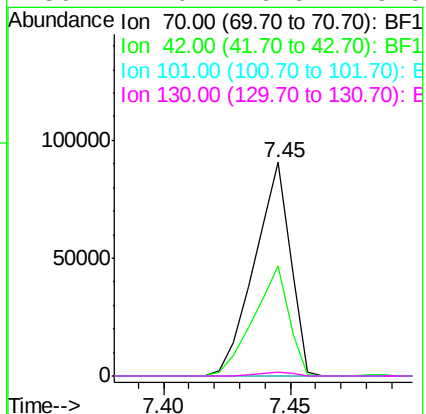
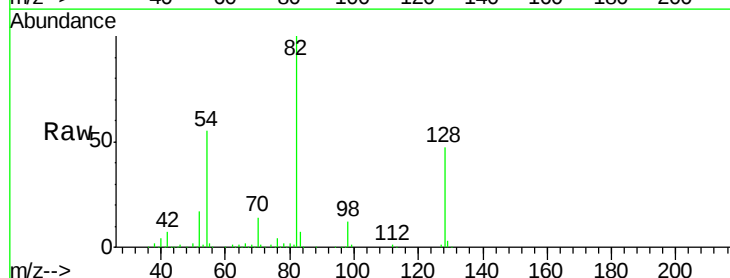
Ion Ratio Lower Upper

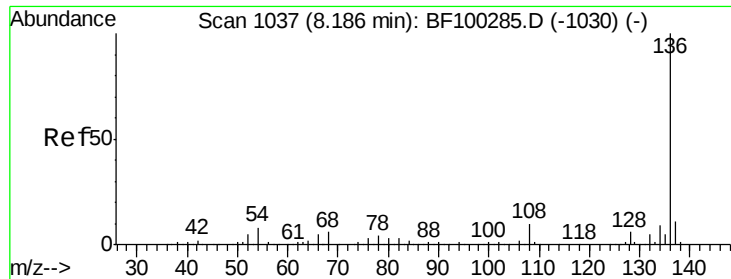
70 100

42 51.5 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

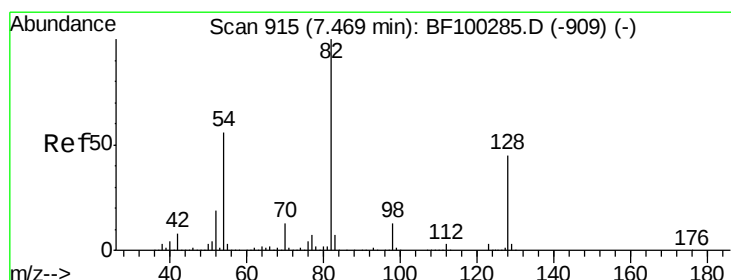
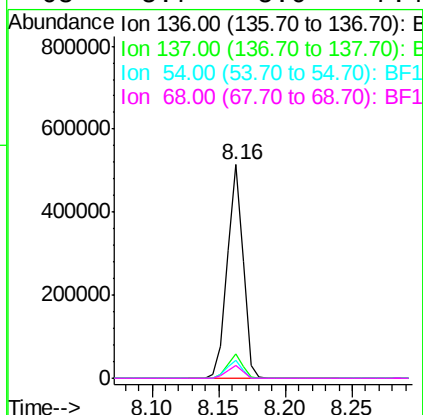
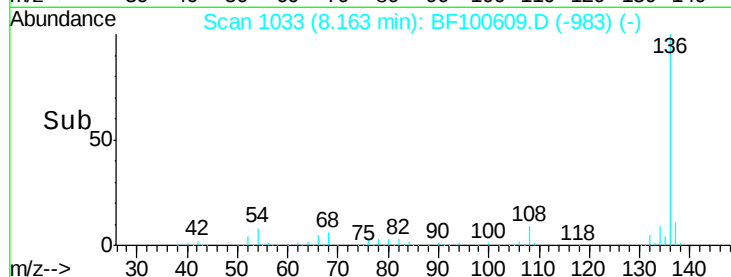
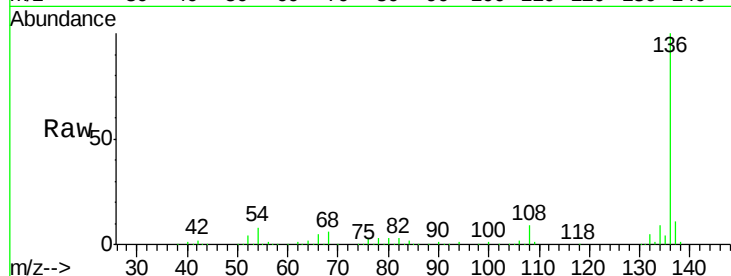




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100609.D
Acq: 16 Nov 2017 1:39

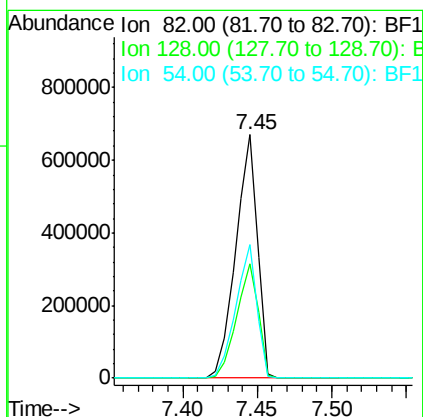
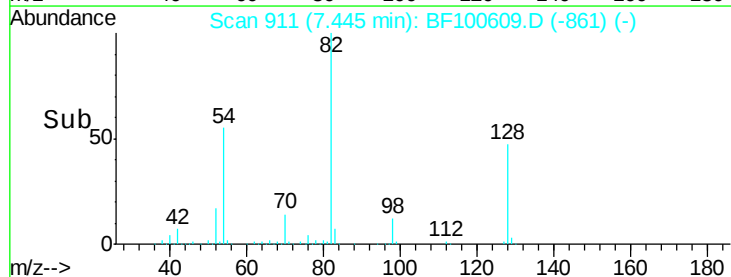
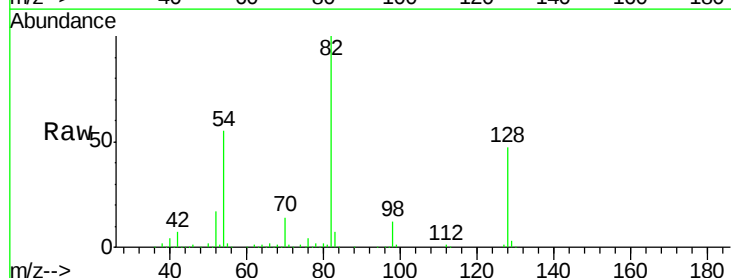
Instrument :
BNA_F
ClientSampleId :

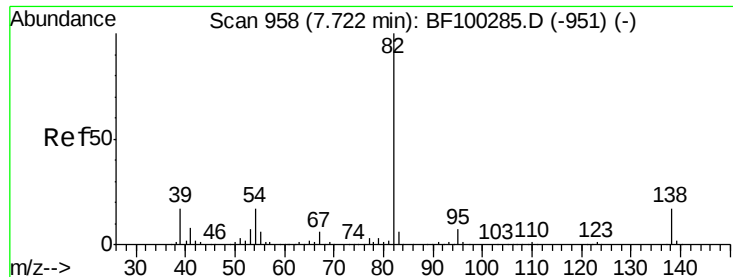
Tot Ion:136	Resp:	434168
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.9 13.3
54	8.3	6.6 9.8
68	5.7	5.0 7.4



#23
Nitrobenzene-d5
Concen: 103.61 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100609.D
Acq: 16 Nov 2017 1:39

Tgt Ion: 82	Resp:	680418
Ion Ratio	Lower	Upper
82	100	
128	47.0	36.1 54.1
54	54.7	41.4 62.2





#25

Isophorone

Concen: 49.28 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BF100609.D

Acq: 16 Nov 2017 1:39

Instrument :

BNA_F

ClientSampleId :

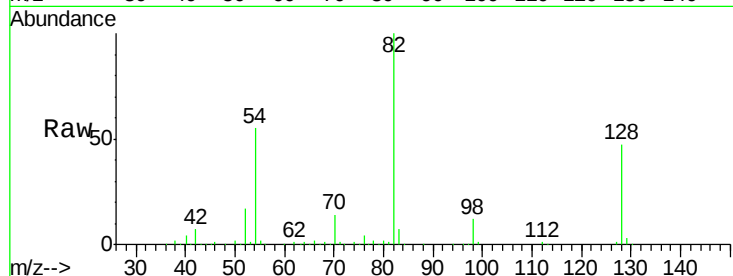
Tot Ion: 82 Resp: 680083

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

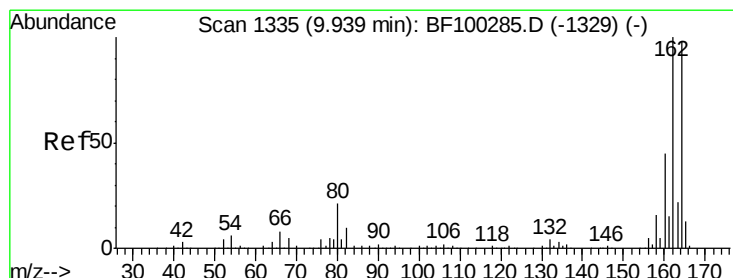
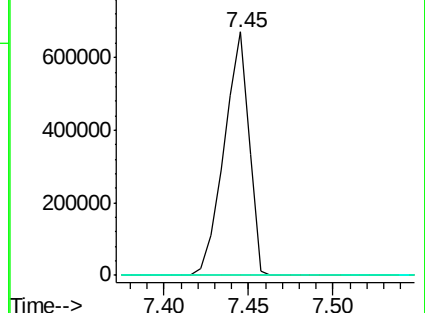
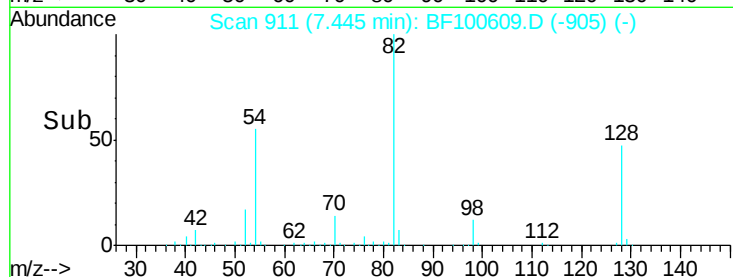
138 0.0 14.9 22.3#



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: 20.00 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF100609.D

Acq: 16 Nov 2017 1:39

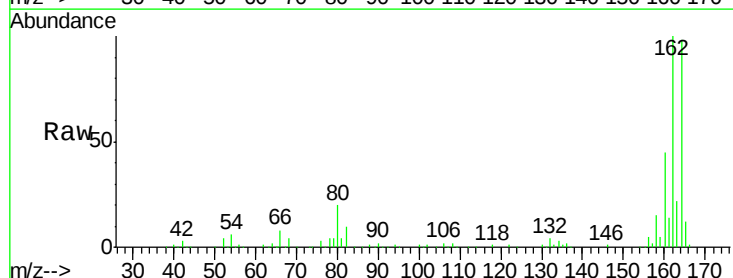
Tgt Ion: 164 Resp: 184857

Ion Ratio Lower Upper

164 100

162 102.4 86.1 129.1

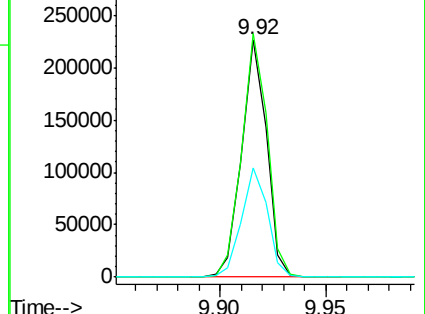
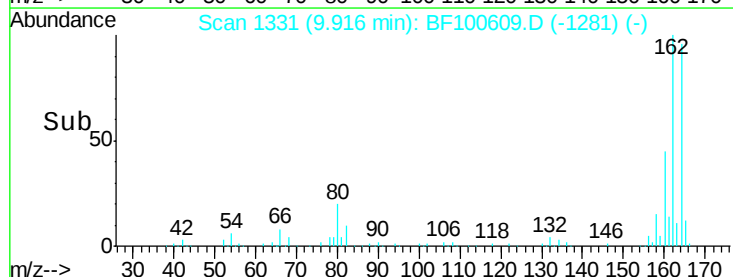
160 45.9 38.3 57.5

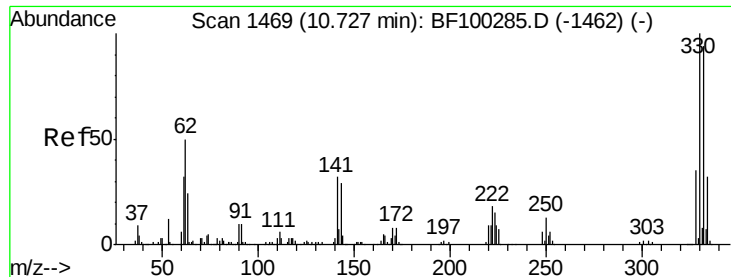


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

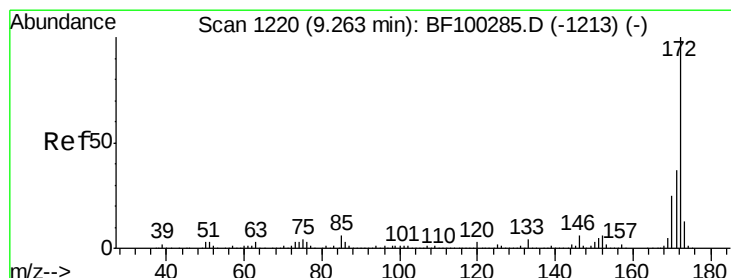
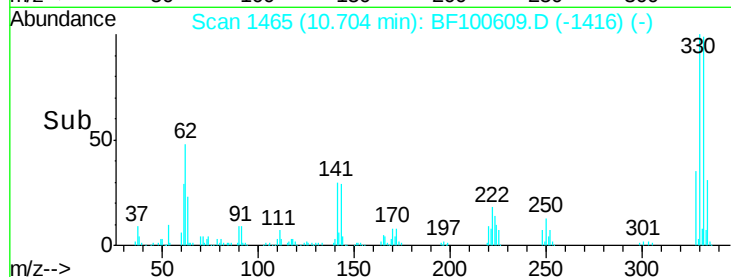
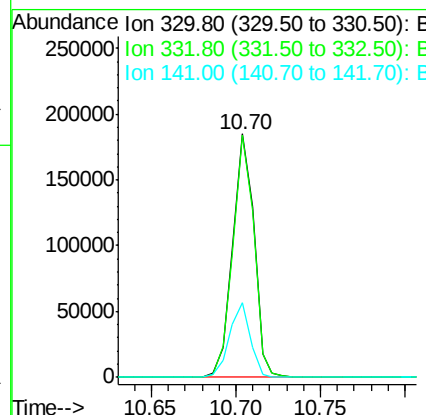
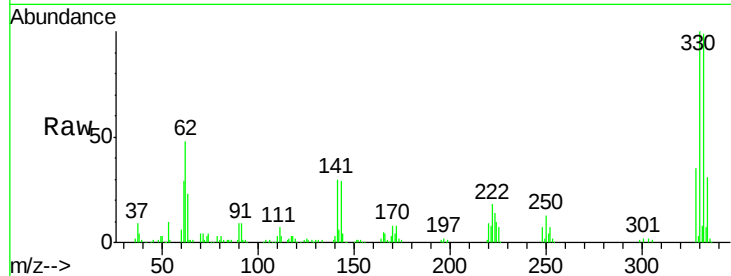




#41
 2,4,6-Tribromophenol
 Concen: 86.53 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100609.D
 Acq: 16 Nov 2017 1:39

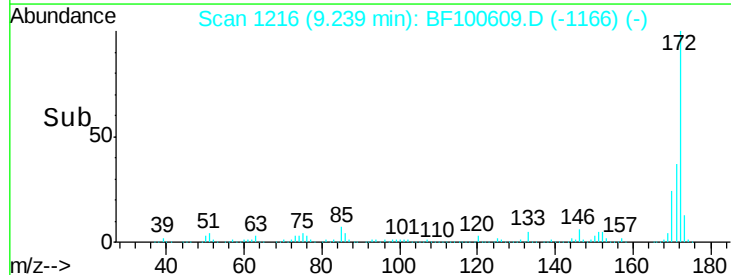
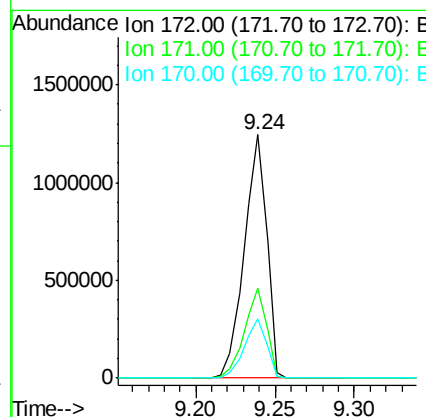
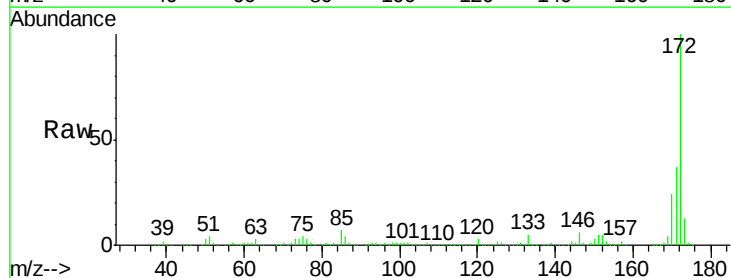
Instrument :
 BNA_F
 ClientSampled :

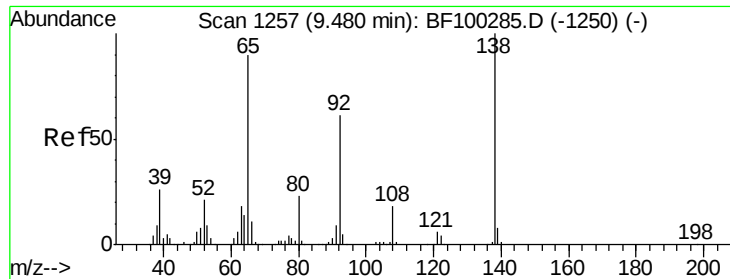
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.0	115.6
141	29.9	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 100.42 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF100609.D
 Acq: 16 Nov 2017 1:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.3	19.6	29.4

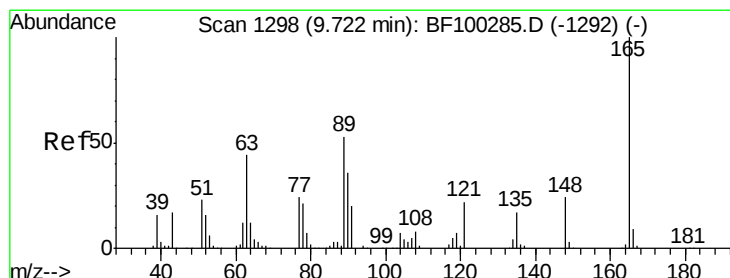
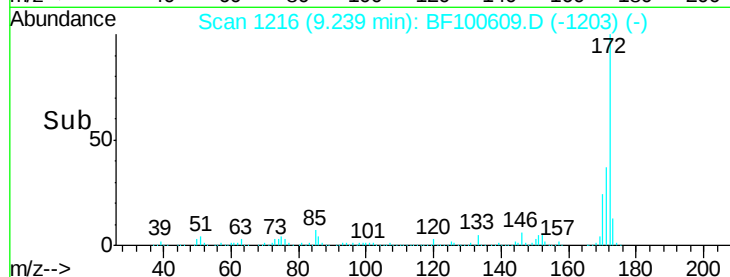
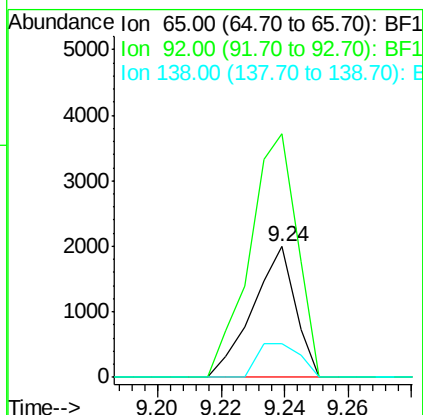
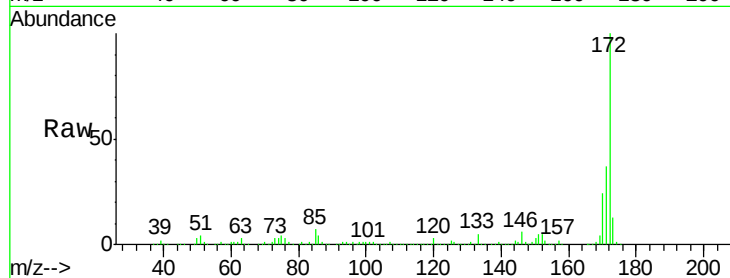




#47
2-Nitroaniline
Concen: 3.30 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.22 min
Lab File: BF100609.D
Acq: 16 Nov 2017 1:39

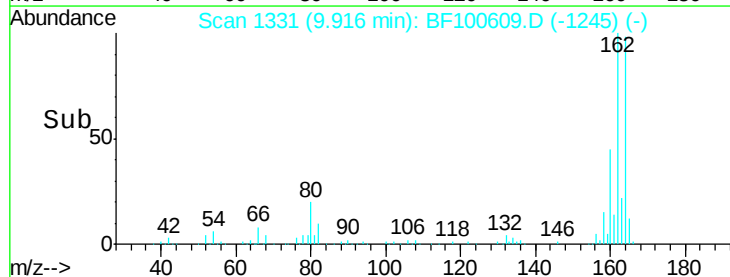
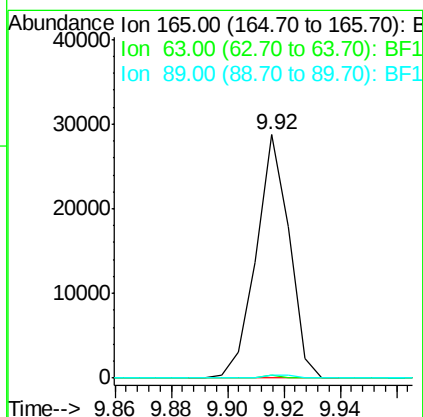
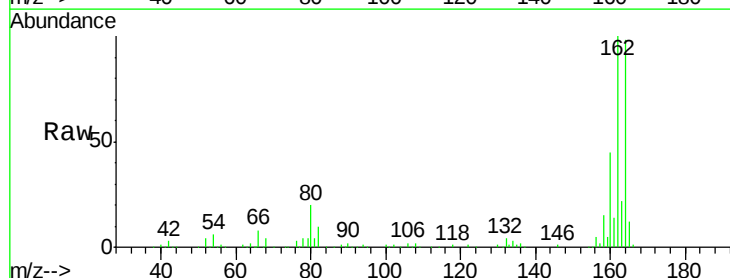
Instrument :
BNA_F
ClientSampled :

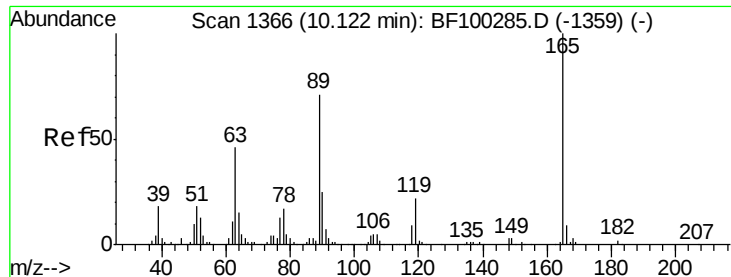
Tot Ion: 65 Resp: 1864
Ion Ratio Lower Upper
65 100
92 186.5 55.8 83.6#
138 25.6 91.2 136.8#



#50
2,6-Dinitrotoluene
Concen: 8.33 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF100609.D
Acq: 16 Nov 2017 1:39

Tgt Ion:165 Resp: 23259
Ion Ratio Lower Upper
165 100
63 1.4 44.7 67.1#
89 1.4 44.0 66.0#

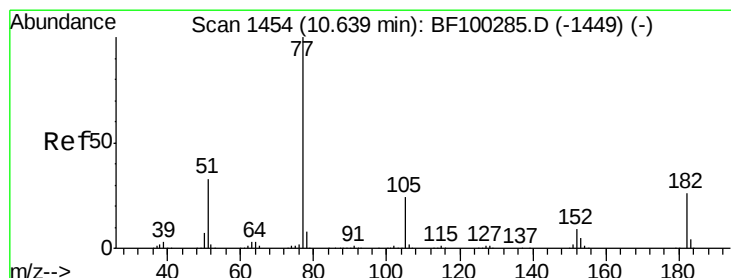
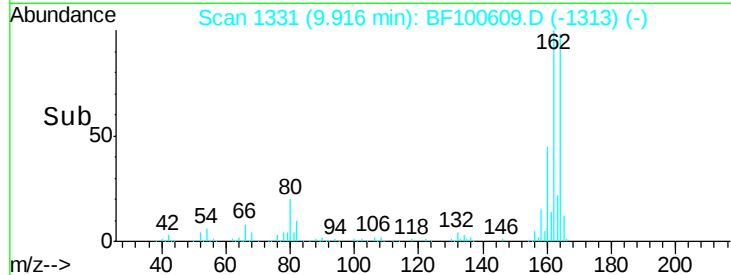
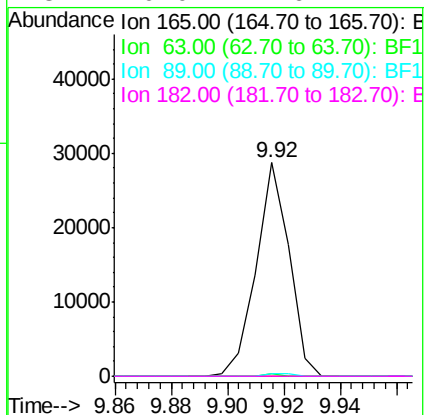
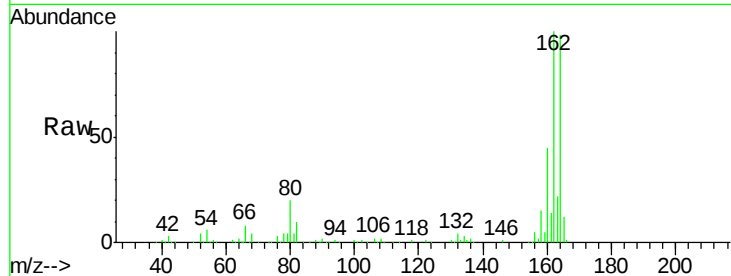




#56
 2,4-Dinitrotoluene
 Concen: 6.60 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF100609.D
 Acq: 16 Nov 2017 1:39

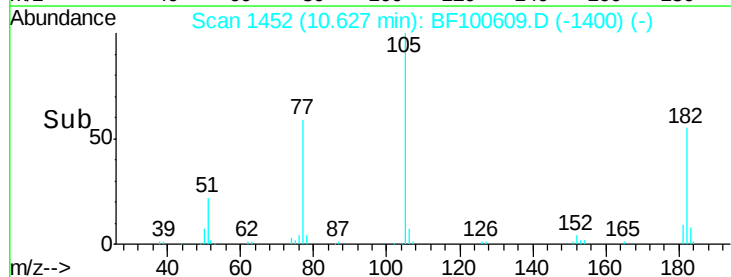
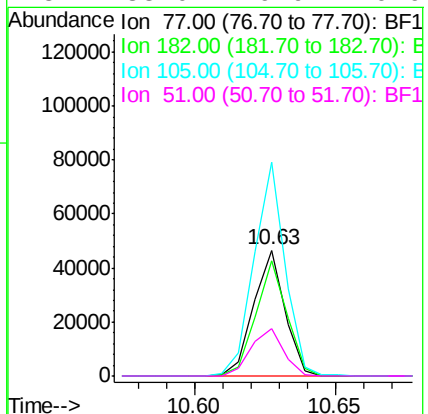
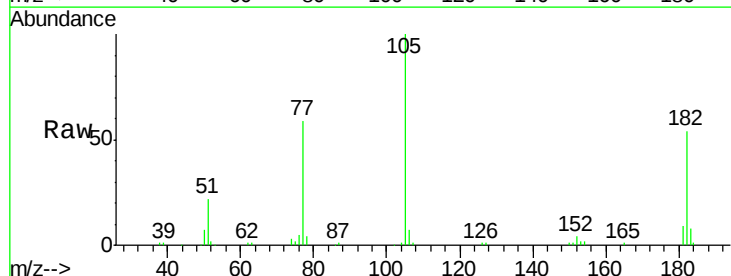
Instrument :
 BNA_F
 ClientSampleId :

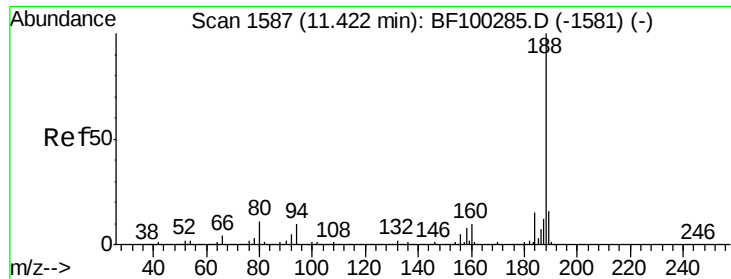
Tot Ion:	165	Resp:	23259
Ion Ratio	Lower	Upper	
165	100		
63	1.4	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



#62
 Azobenzene
 Concen: 2.71 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: BF100609.D
 Acq: 16 Nov 2017 1:39

Tgt Ion:	77	Resp:	36029
Ion Ratio	Lower	Upper	
77	100		
182	91.7	1.7	41.7#
105	169.7	3.0	43.0#
51	38.0	9.9	49.9

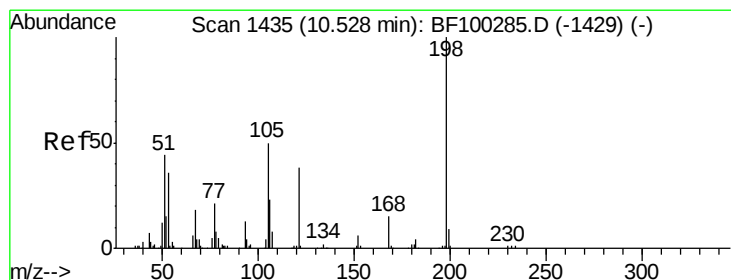
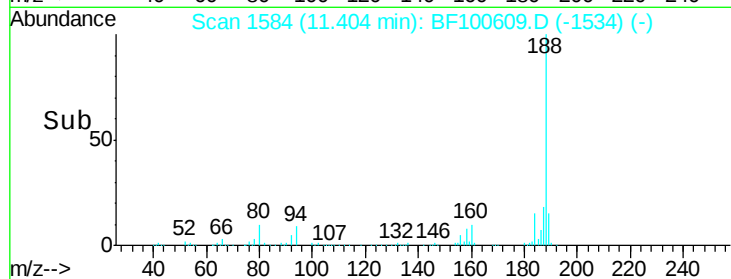
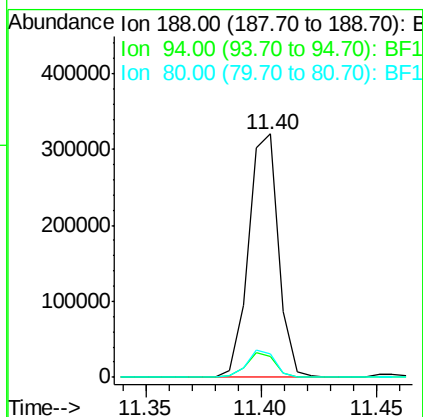
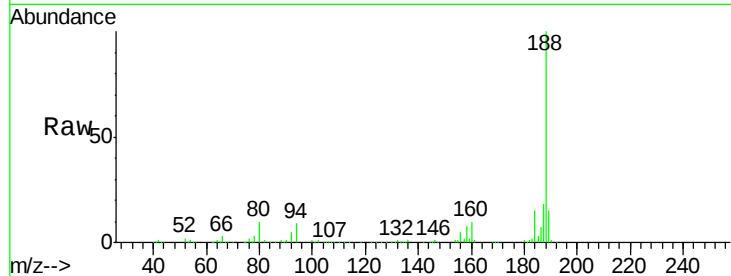




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF100609.D
 Acq: 16 Nov 2017 1:39

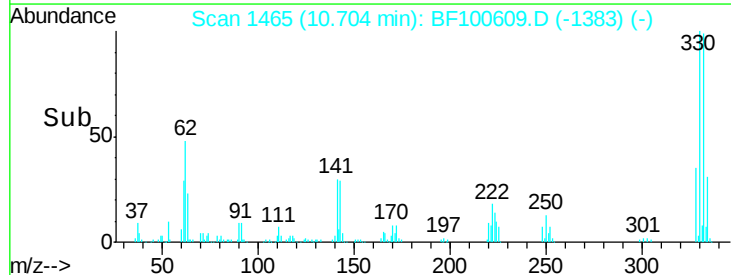
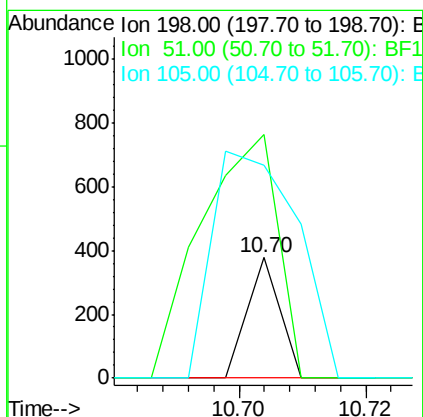
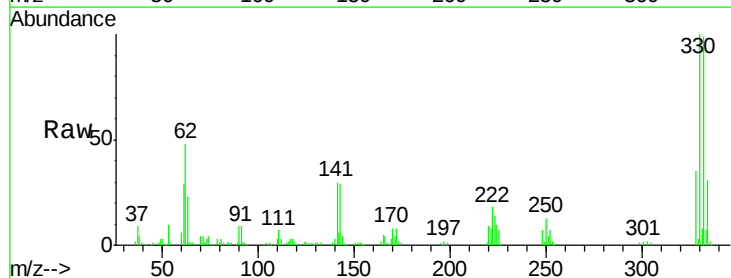
Instrument :
 BNA_F
 ClientSampleId :

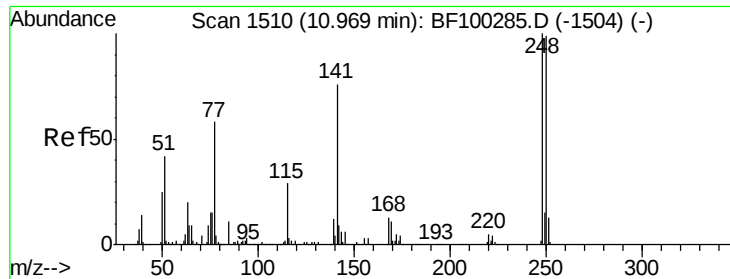
Tot Ion:188 Resp: 290398
 Ion Ratio Lower Upper
 188 100
 94 8.8 8.5 12.7
 80 9.7 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.64 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.18 min
 Lab File: BF100609.D
 Acq: 16 Nov 2017 1:39

Tgt Ion:198 Resp: 133
 Ion Ratio Lower Upper
 198 100
 51 202.7 37.7 77.7#
 105 177.5 36.3 76.3#

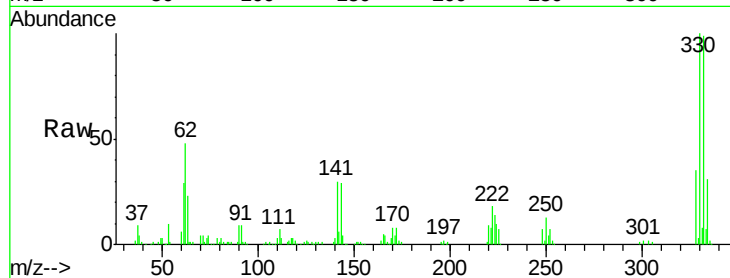




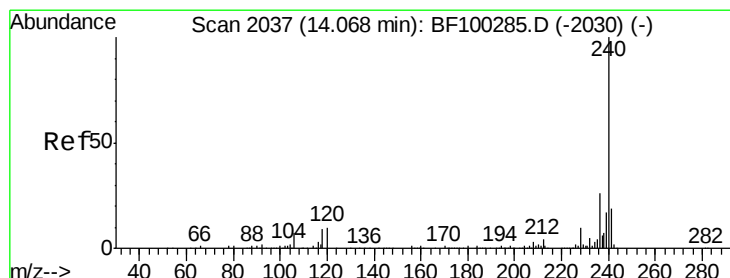
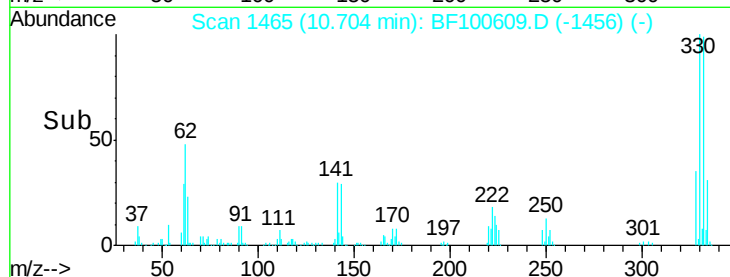
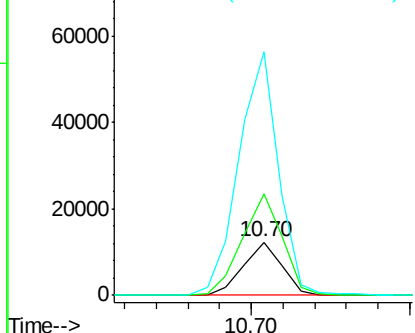
#66
4-Bromophenyl-phenylether
Concen: 3.32 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF100609.D
Acq: 16 Nov 2017 1:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 10350
Ion Ratio Lower Upper
248 100
250 189.9 76.9 115.3#
141 457.1 74.4 111.6#

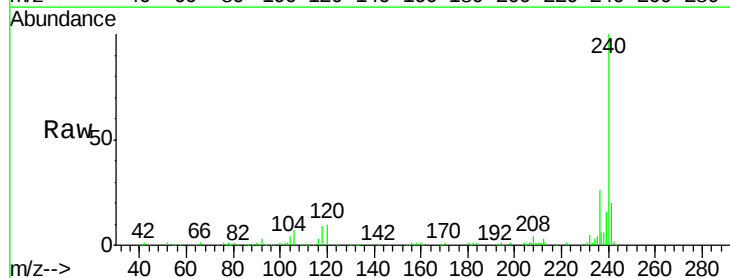


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

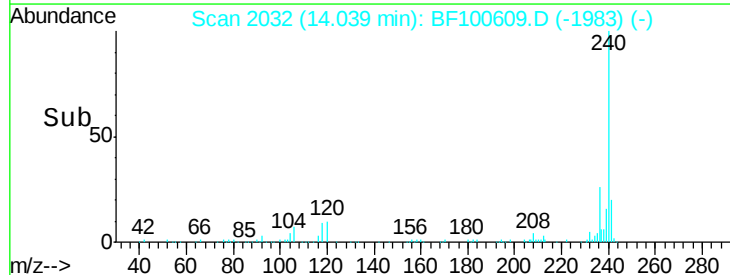
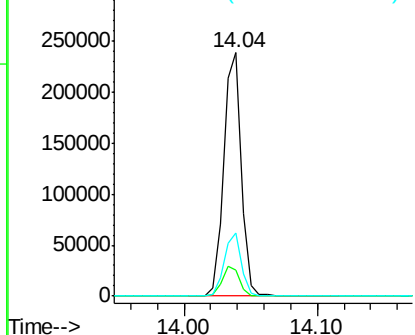


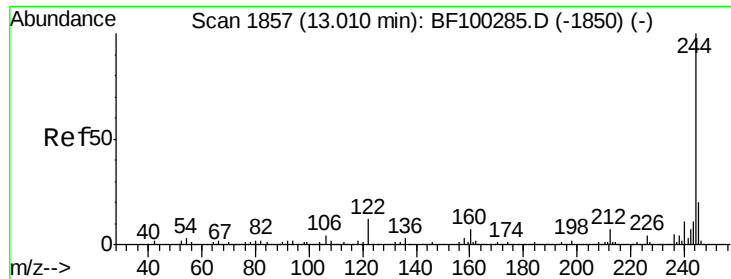
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100609.D
Acq: 16 Nov 2017 1:39

Tgt Ion:240 Resp: 222686
Ion Ratio Lower Upper
240 100
120 10.5 9.5 14.3
236 25.8 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

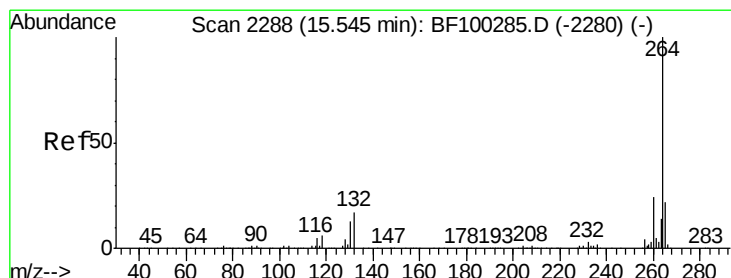
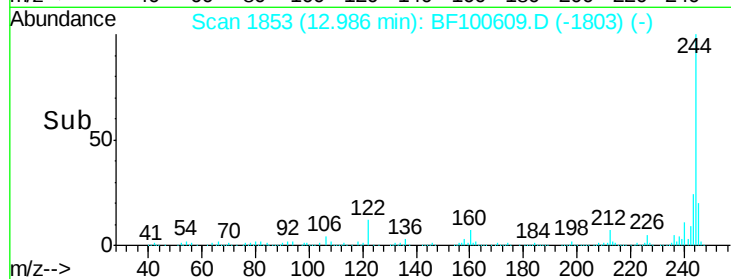
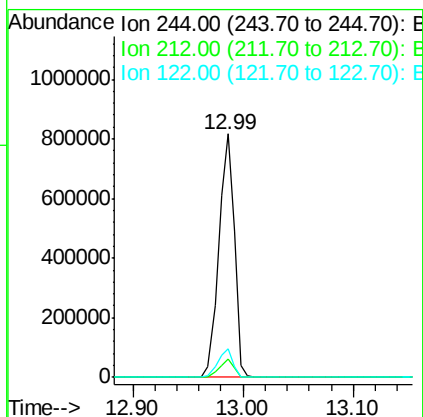
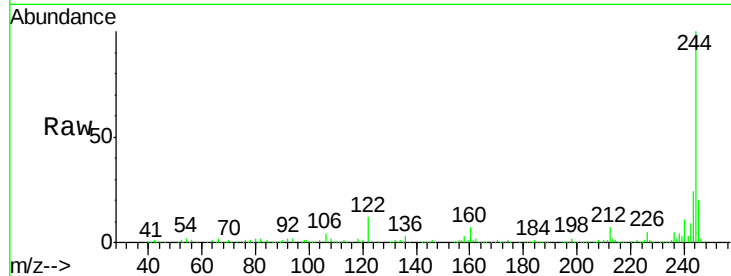




#78
 Terphenyl-d14
 Concen: 81.88 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF100609.D
 Acq: 16 Nov 2017 1:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 793578
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.0
 122 11.8 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. -0.01 min
 Lab File: BF100609.D
 Acq: 16 Nov 2017 1:39

Tgt Ion:264 Resp: 243903
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 20.8 17.5 26.3

