

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111517\
 Data File : BF100605.D
 Acq On : 15 Nov 2017 23:50
 Operator : SJ/JU
 Sample : I6426-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 16 03:39:35 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

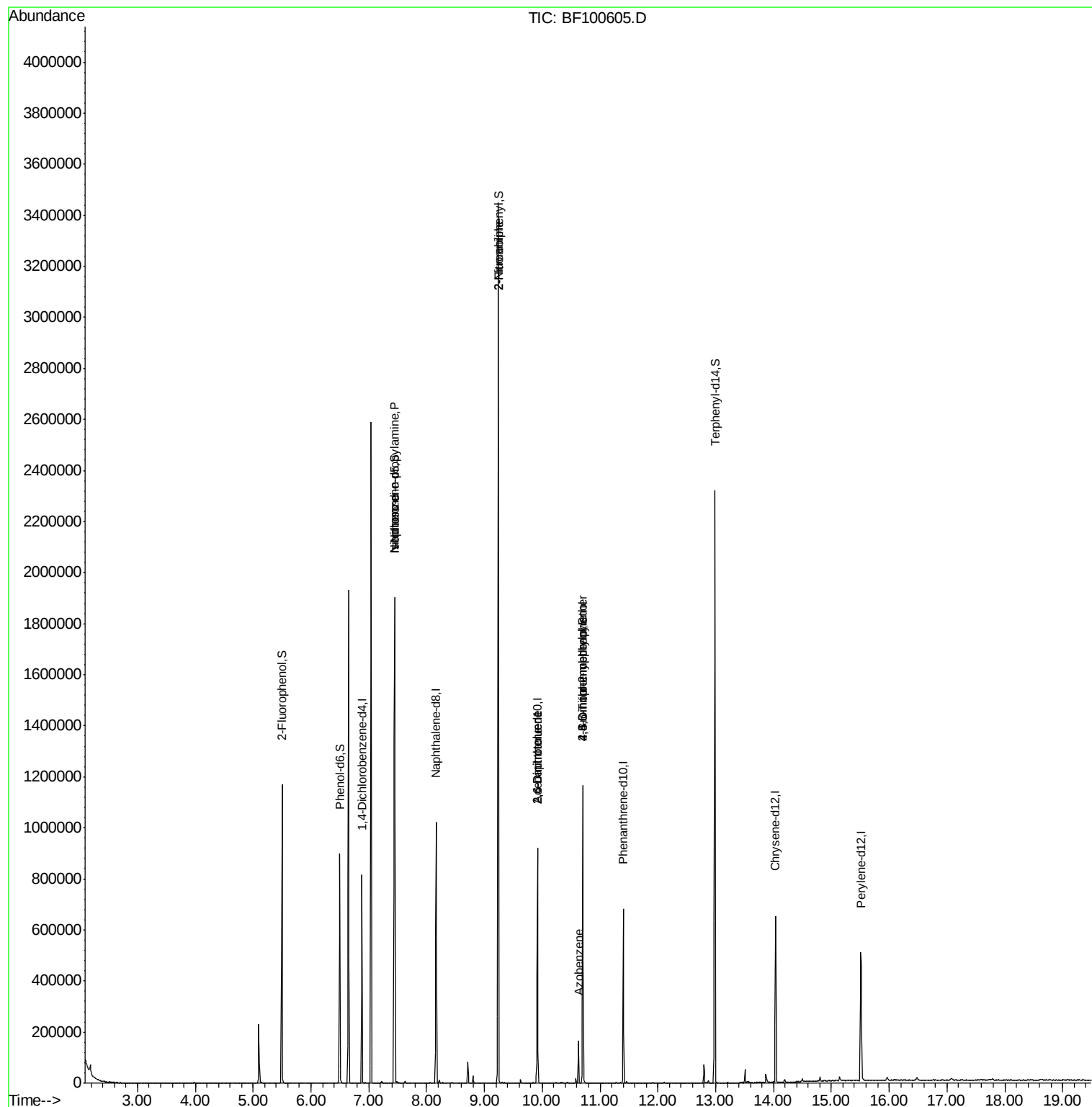
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	114295	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	426815	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	167002	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	246257	20.00	ng	0.00
75) Chrysene-d12	14.04	240	236923	20.00	ng	-0.01
86) Perylene-d12	15.51	264	239734	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	328062	46.01	ng	0.00
7) Phenol-d6	6.50	99	251739	28.63	ng	-0.02
23) Nitrobenzene-d5	7.45	82	660409	102.30	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	140069	82.31	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1130257	103.06	ng	0.00
78) Terphenyl-d14	12.99	244	726800	70.49	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	87361	14.33	ng	# 80
25) Isophorone	7.45	82	660175	48.66	ng	# 64
47) 2-Nitroaniline	9.24	65	1702	3.30	ng	# 1
50) 2,6-Dinitrotoluene	9.92	165	20867	8.27	ng	# 24
56) 2,4-Dinitrotoluene	9.92	165	20867	6.55	ng	# 22
62) Azobenzene	10.63	77	25091	2.09	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.70	198	258	8.74	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	8667	3.28	ng	# 1

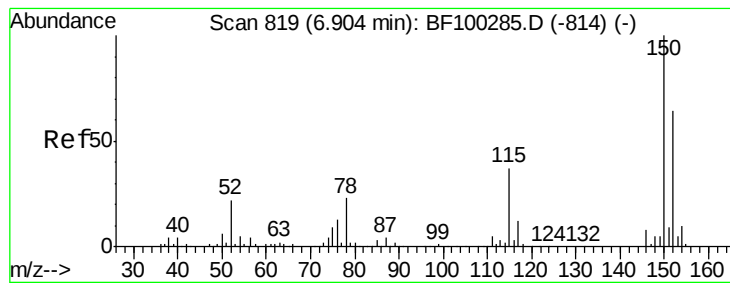
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF100605.D

Acq: 15 Nov 2017 23:50

Instrument :

BNA_F

ClientSampled :

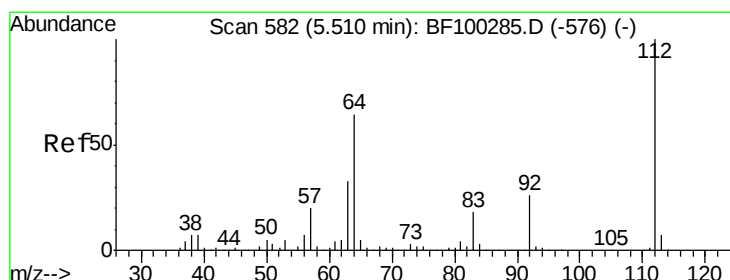
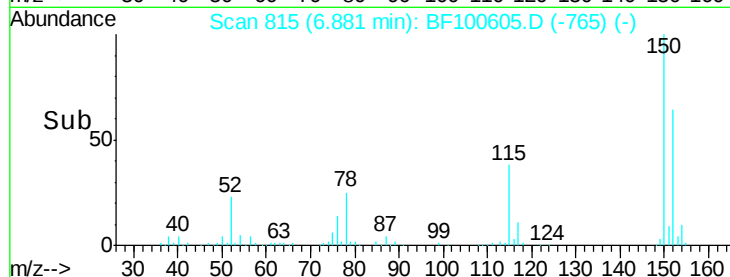
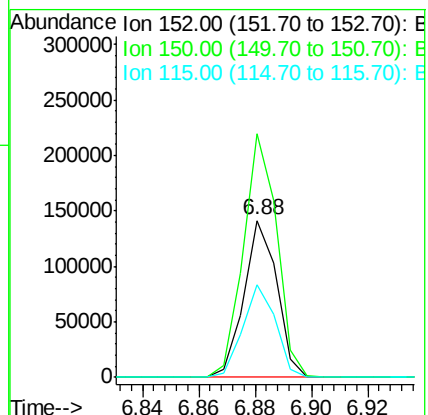
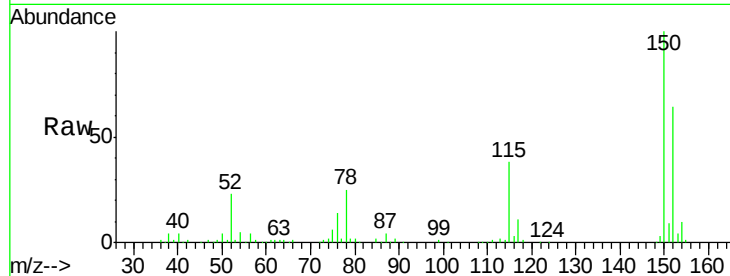
Tot Ion:152 Resp: 114295

Ion Ratio Lower Upper

152 100

150 155.2 124.6 186.8

115 59.3 50.1 75.1



#5

2-Fluorophenol

Concen: 46.01 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.00 min

Lab File: BF100605.D

Acq: 15 Nov 2017 23:50

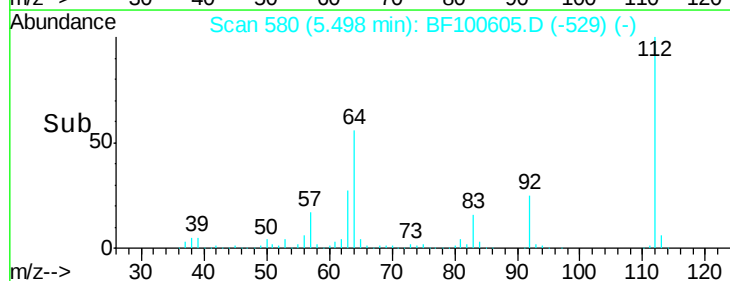
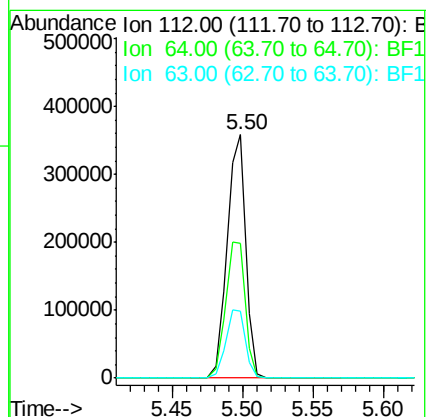
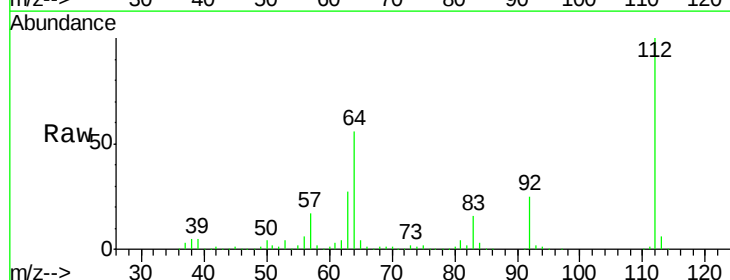
Tgt Ion:112 Resp: 328062

Ion Ratio Lower Upper

112 100

64 55.6 47.9 71.9

63 27.4 23.7 35.5





#7

Phenol-d6

Concen: 28.63 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF100605.D

Acq: 15 Nov 2017 23:50

Instrument :

BNA_F

ClientSampleId :

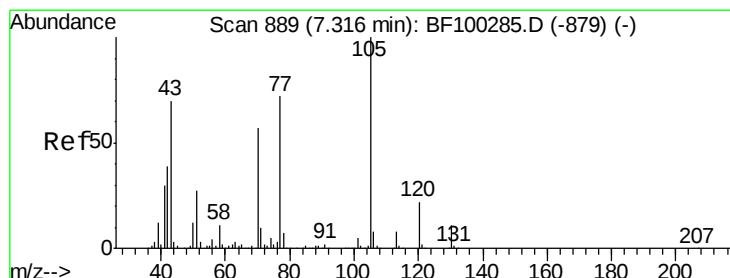
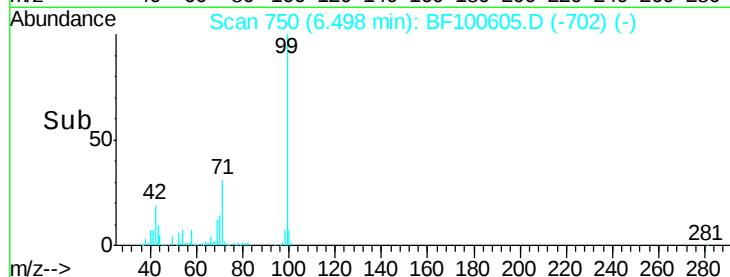
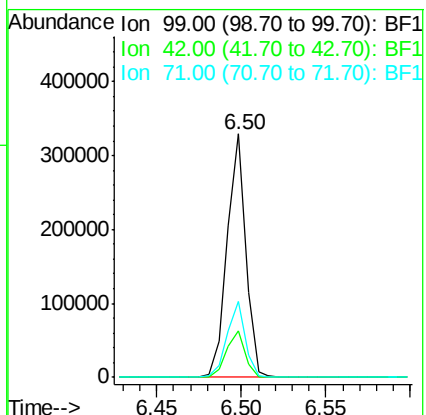
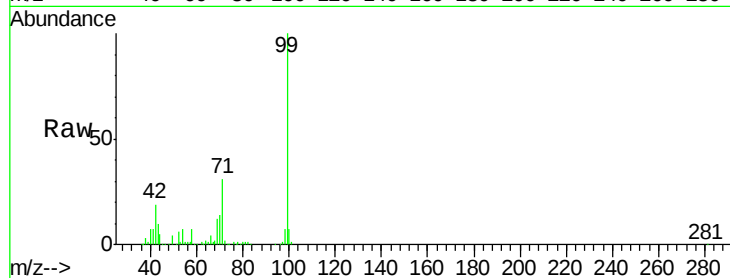
Tot Ion: 99 Resp: 251739

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

71 31.0 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.33 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.14 min

Lab File: BF100605.D

Acq: 15 Nov 2017 23:50

Tgt Ion: 70 Resp: 87361

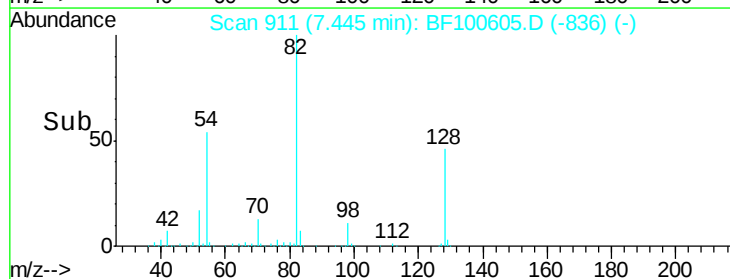
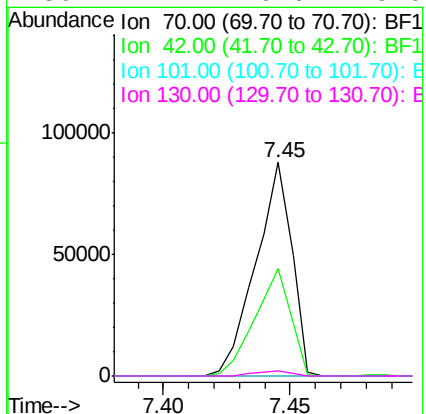
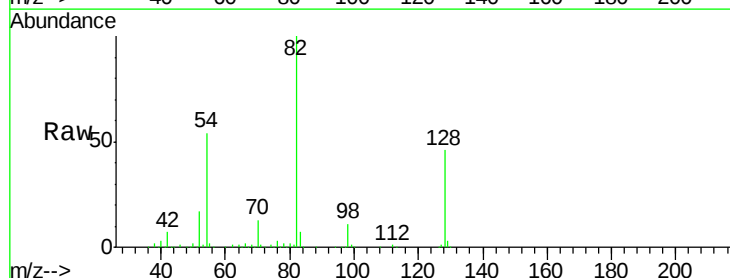
Ion Ratio Lower Upper

70 100

42 50.6 47.5 71.3

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

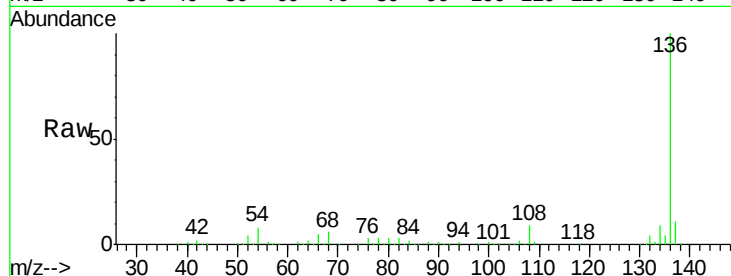




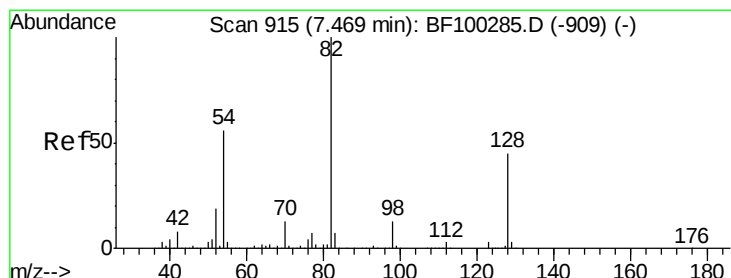
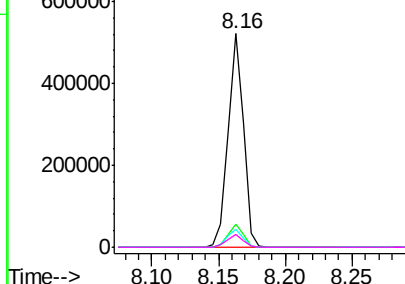
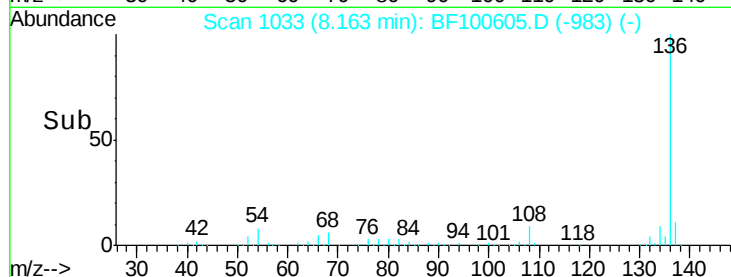
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100605.D
Acq: 15 Nov 2017 23:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	426815
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	8.4	6.6 9.8
68	6.1	5.0 7.4

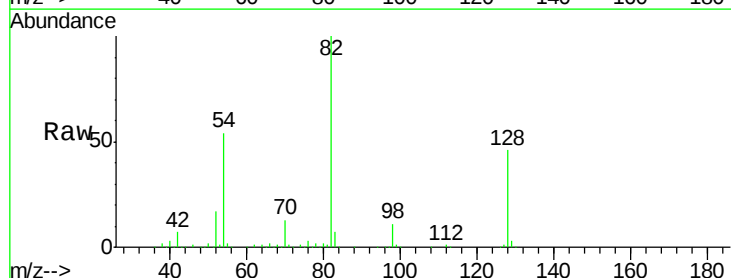


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

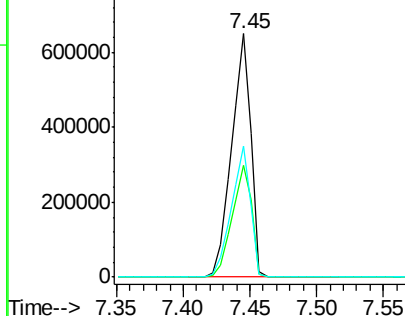
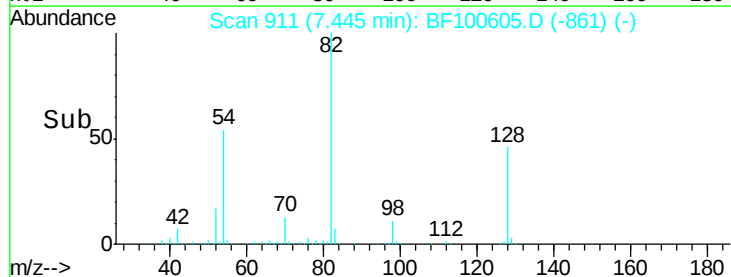


#23
Nitrobenzene-d5
Concen: 102.30 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100605.D
Acq: 15 Nov 2017 23:50

Tgt Ion: 82	Resp:	660409
Ion Ratio	Lower	Upper
82	100	
128	46.0	36.1 54.1
54	53.6	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

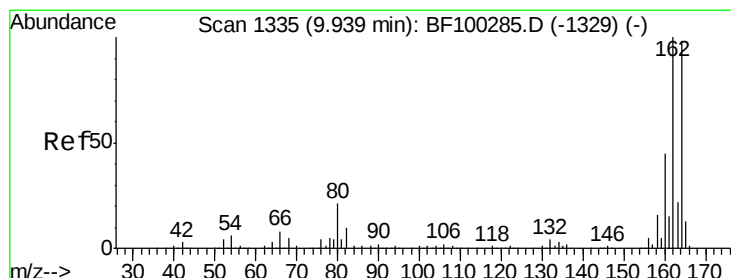
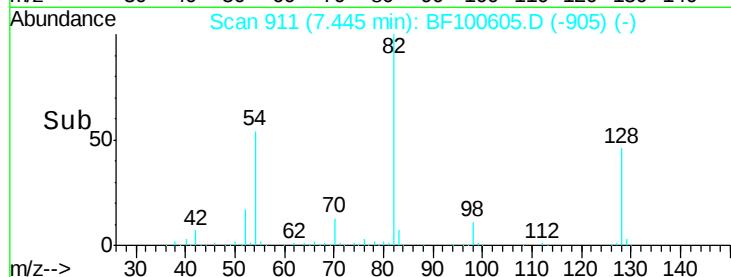
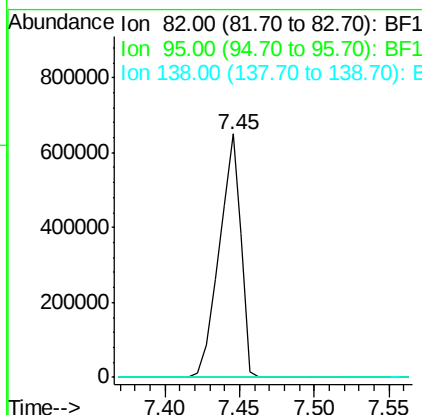
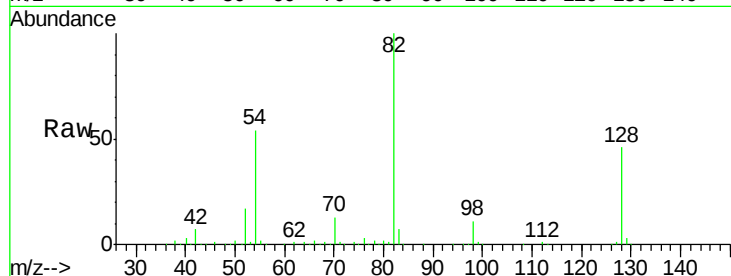




#25
Isophorone
Concen: 48.66 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF100605.D
Acq: 15 Nov 2017 23:50

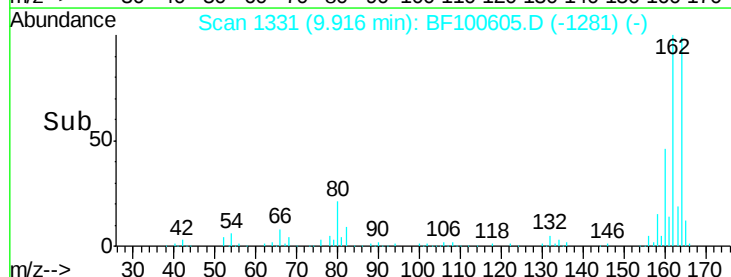
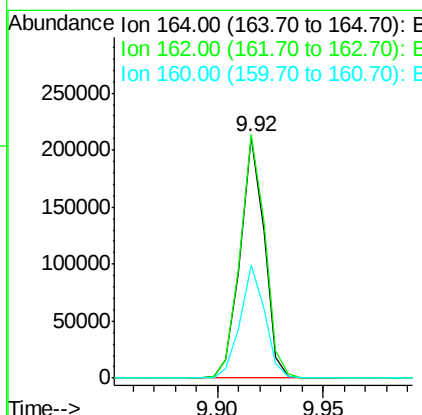
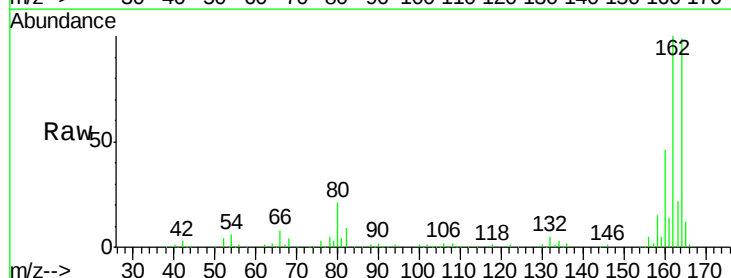
Instrument :
BNA_F
ClientSampleId :

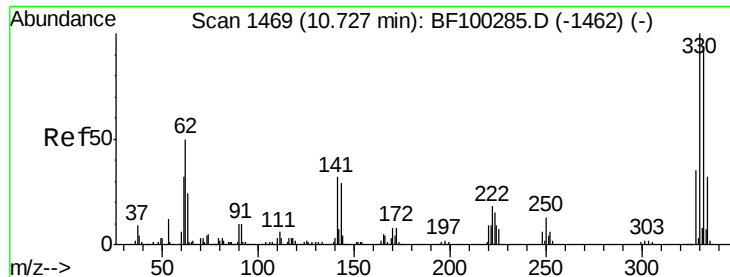
Tot Ion: 82 Resp: 660175
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF100605.D
Acq: 15 Nov 2017 23:50

Tgt Ion:164 Resp: 167002
Ion Ratio Lower Upper
164 100
162 100.8 86.1 129.1
160 46.6 38.3 57.5

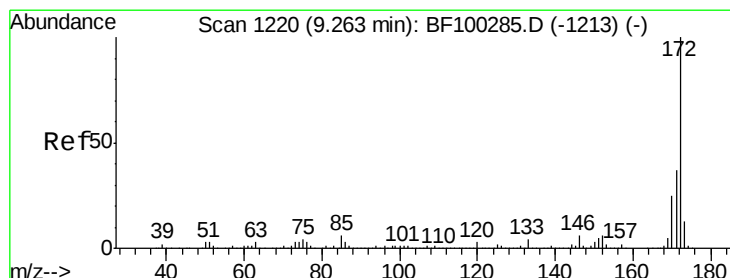
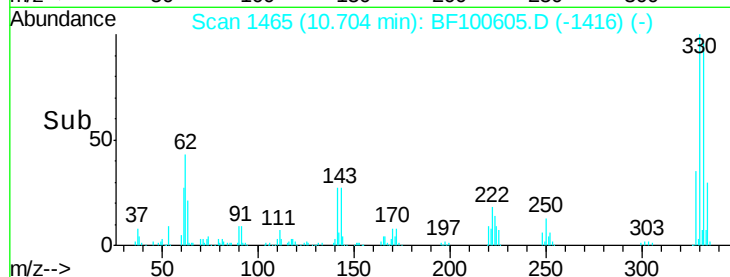
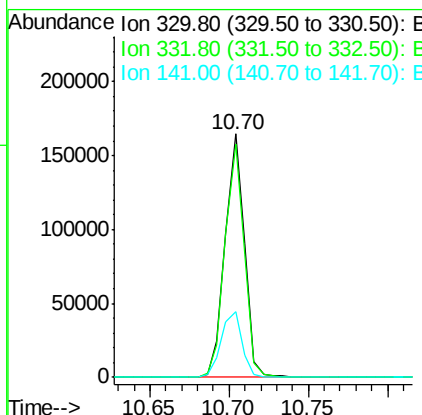
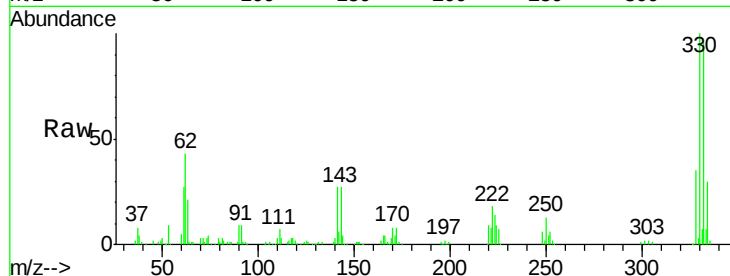




#41
 2,4,6-Tribromophenol
 Concen: 82.31 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100605.D
 Acq: 15 Nov 2017 23:50

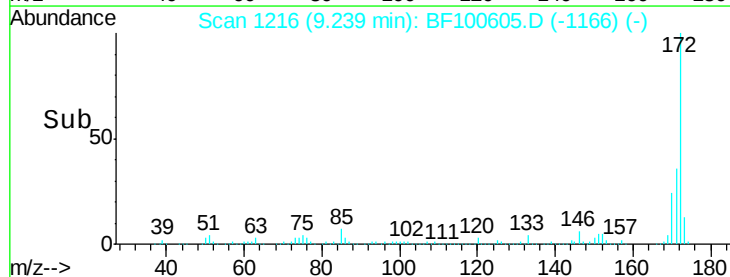
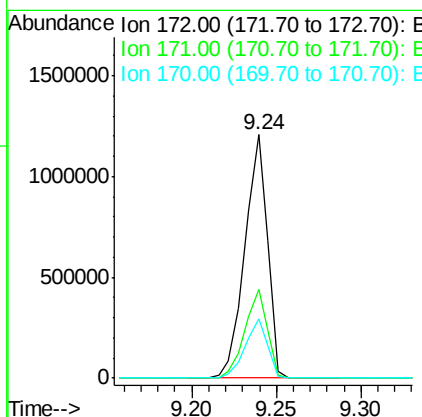
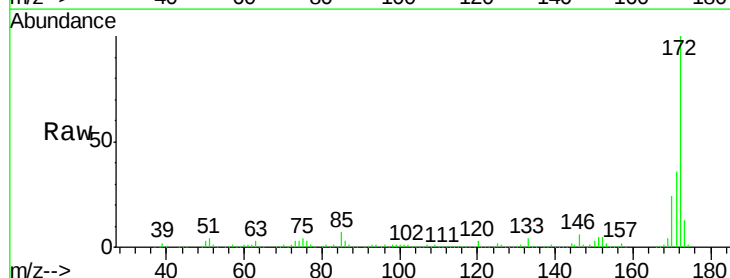
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	29.0	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 103.06 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF100605.D
 Acq: 15 Nov 2017 23:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.4	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: BF100605.D

Acq: 15 Nov 2017 23:50

Instrument :

BNA_F

ClientSampled :

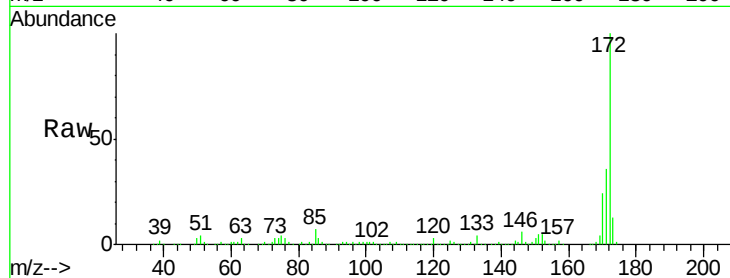
Tot Ion: 65 Resp: 1702

Ion Ratio Lower Upper

65 100

92 194.0 55.8 83.6#

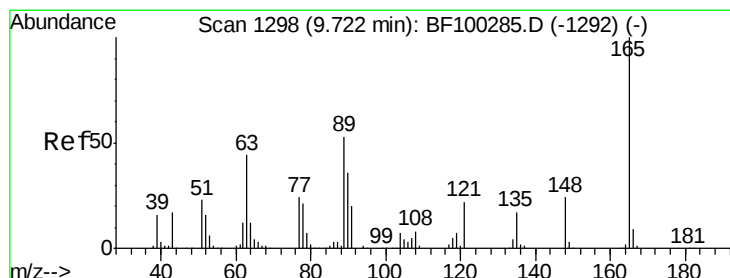
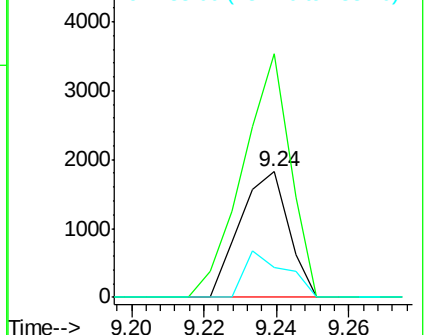
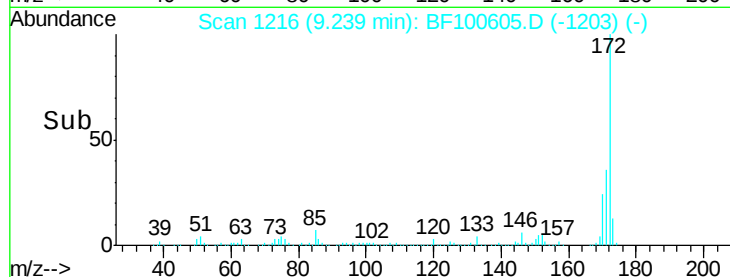
138 24.1 91.2 136.8#



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: 8.27 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.21 min

Lab File: BF100605.D

Acq: 15 Nov 2017 23:50

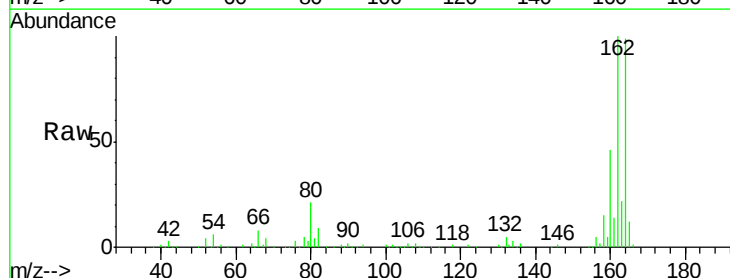
Tgt Ion: 165 Resp: 20867

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

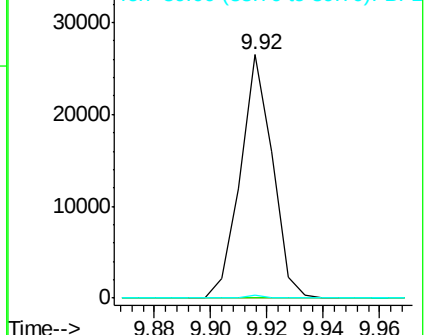
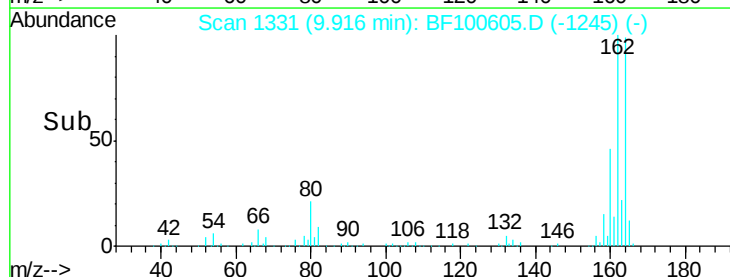
89 1.2 44.0 66.0#



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

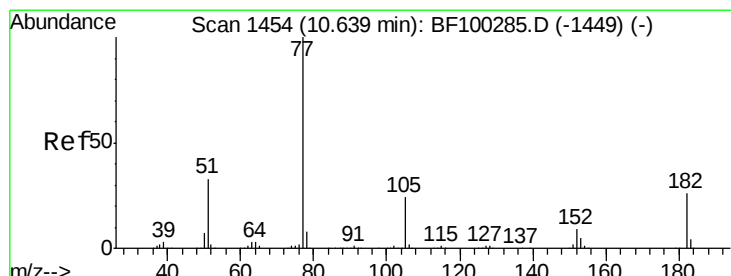
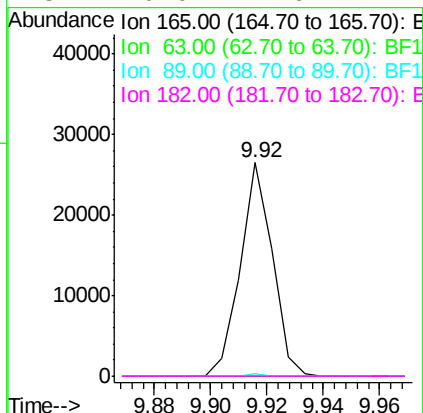
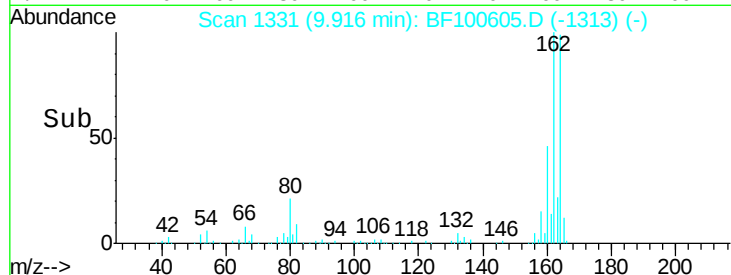
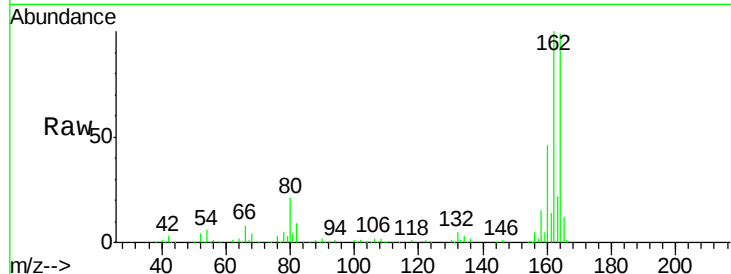




#56
 2,4-Dinitrotoluene
 Concen: 6.55 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF100605.D
 Acq: 15 Nov 2017 23:50

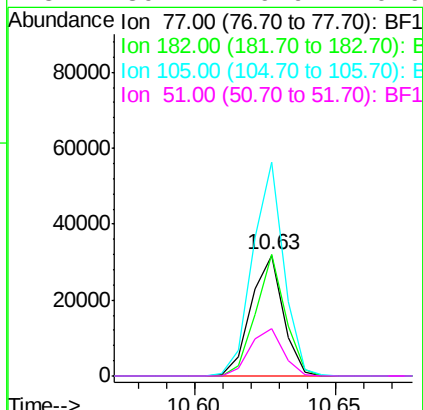
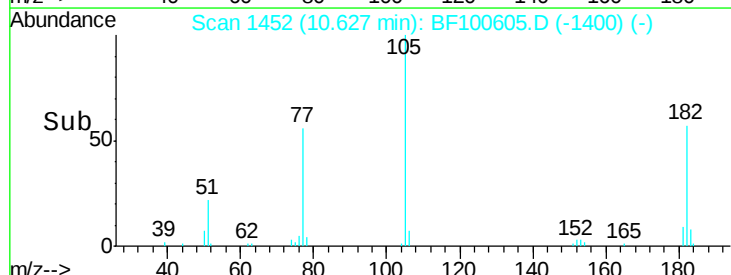
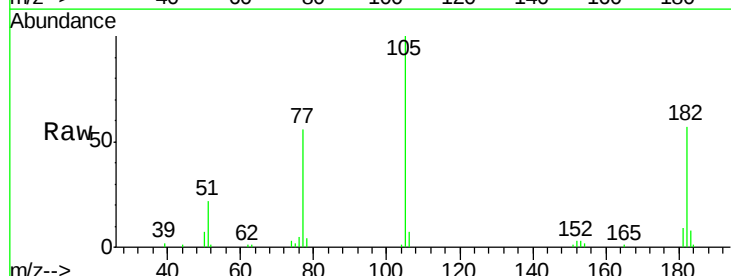
Instrument :
 BNA_F
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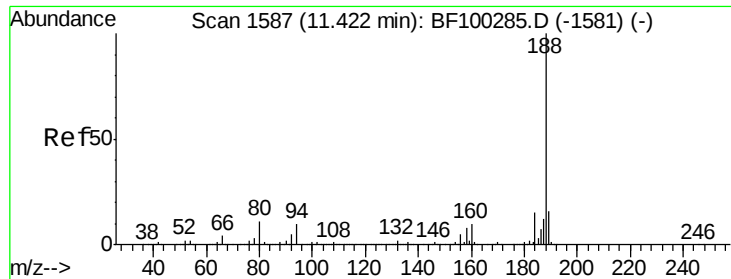
Tot Ion:	165	Resp:	20867
Ion Ratio	Lower	Upper	
165	100		
63	0.0	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



#62
 Azobenzene
 Concen: 2.09 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: BF100605.D
 Acq: 15 Nov 2017 23:50

Tgt Ion:	77	Resp:	25091
Ion Ratio	Lower	Upper	
77	100		
182	100.8	1.7	41.7#
105	177.1	3.0	43.0#
51	39.4	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: BF100605.D

Acq: 15 Nov 2017 23:50

Instrument :

BNA_F

ClientSampleId :

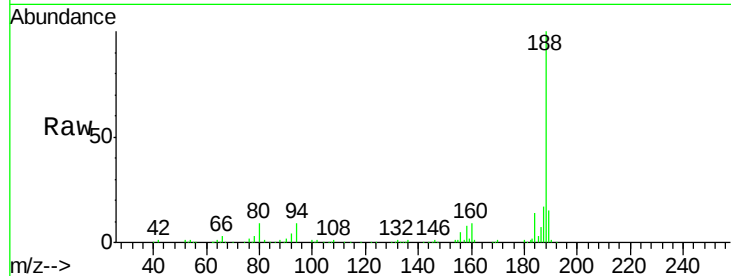
Tot Ion:188 Resp: 246257

Ion Ratio Lower Upper

188 100

94 8.8 8.5 12.7

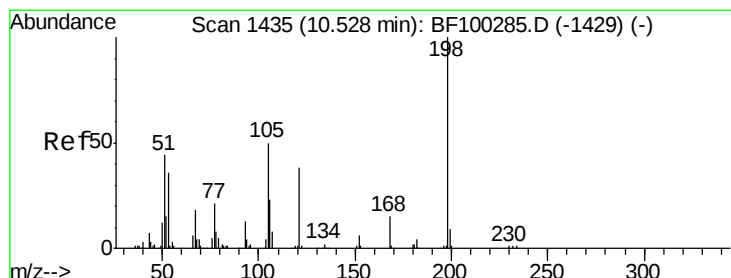
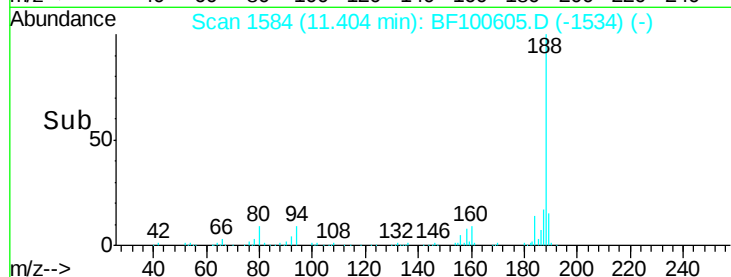
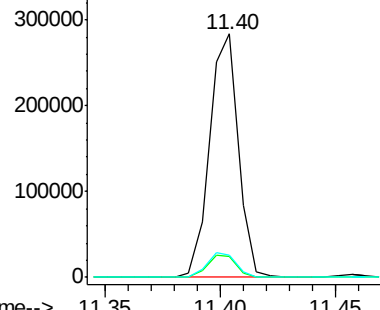
80 9.1 9.2 13.8#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 8.74 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.18 min

Lab File: BF100605.D

Acq: 15 Nov 2017 23:50

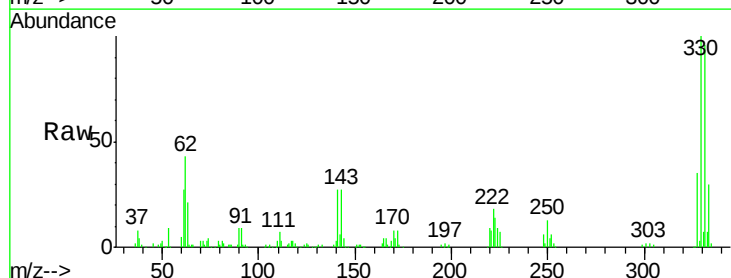
Tgt Ion:198 Resp: 258

Ion Ratio Lower Upper

198 100

51 156.1 37.7 77.7#

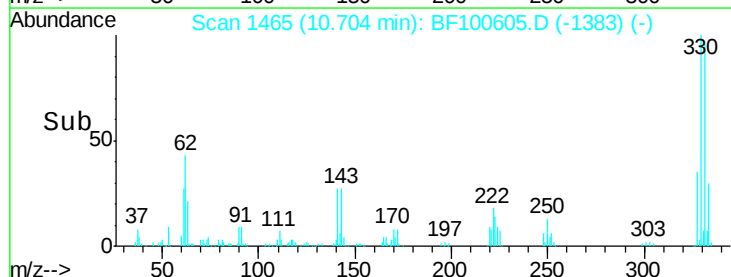
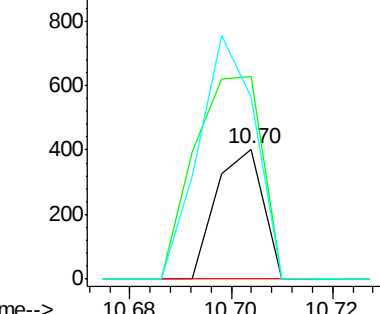
105 140.4 36.3 76.3#

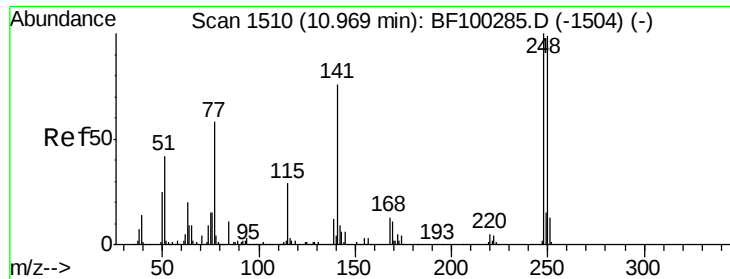


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

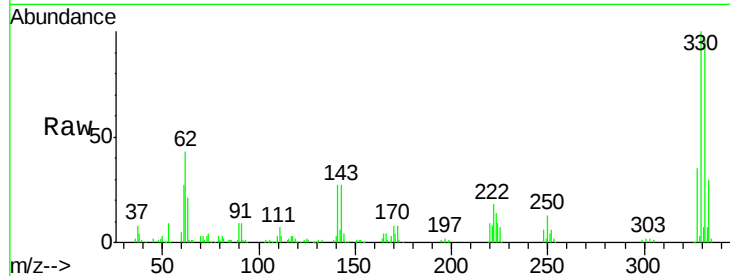




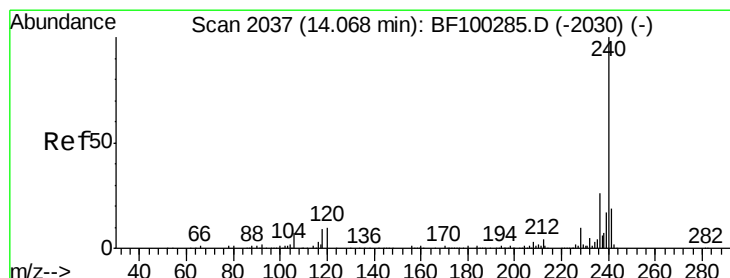
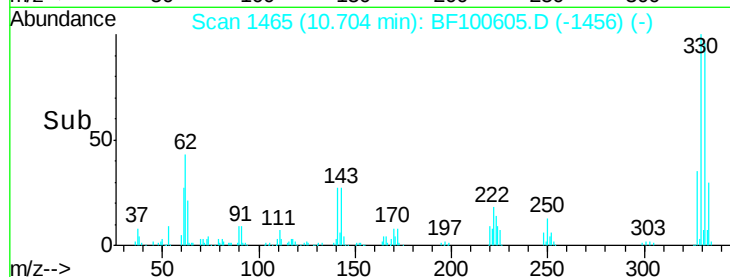
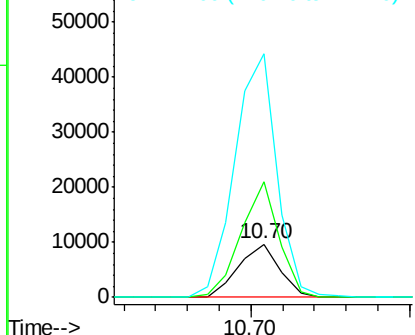
#66
4-Bromophenyl-phenylether
Concen: 3.28 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF100605.D
Acq: 15 Nov 2017 23:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	217.3	76.9	115.3#
141	455.9	74.4	111.6#

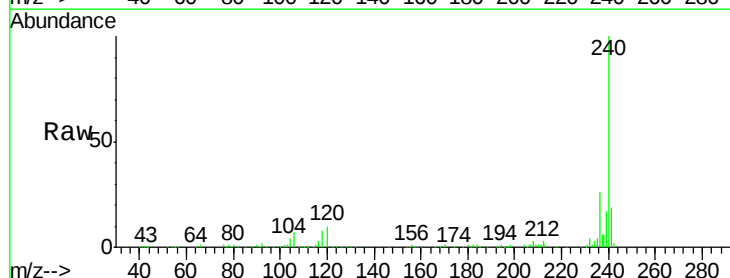


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

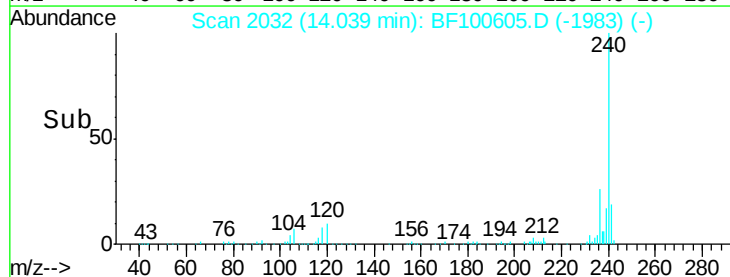
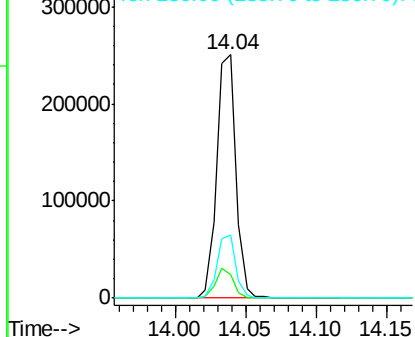


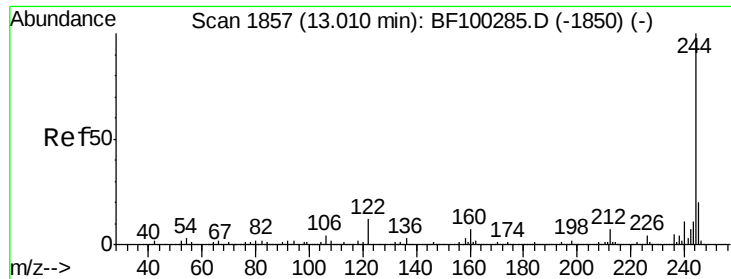
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100605.D
Acq: 15 Nov 2017 23:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.6	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

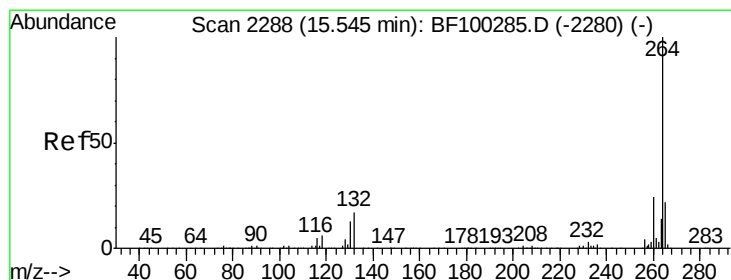
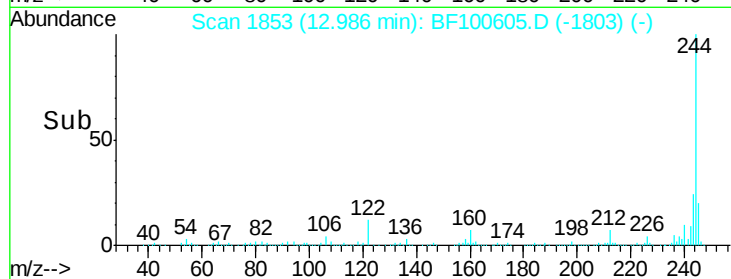
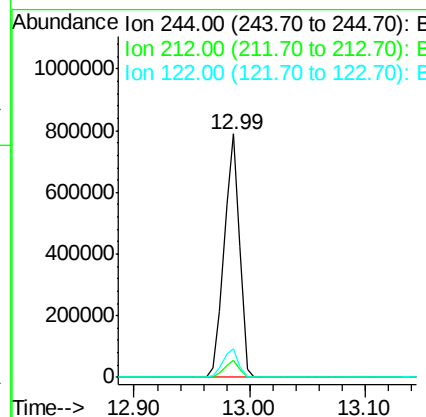
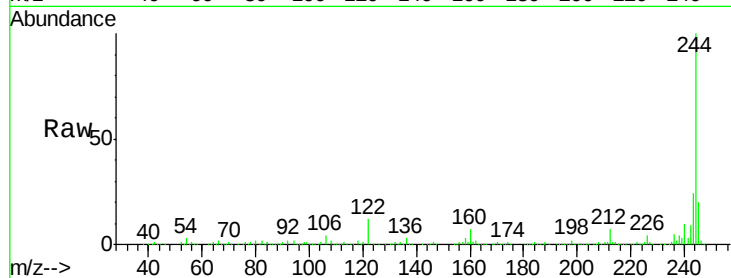




#78
 Terphenyl-d14
 Concen: 70.49 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF100605.D
 Acq: 15 Nov 2017 23:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 726800
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 11.6 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: BF100605.D
 Acq: 15 Nov 2017 23:50

Tgt Ion:264 Resp: 239734
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.2 28.8
 265 20.7 17.5 26.3

