

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110817\
 Data File : BF100318.D
 Acq On : 9 Nov 2017 3:41
 Operator : SJ/JU
 Sample : PB104087TB
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

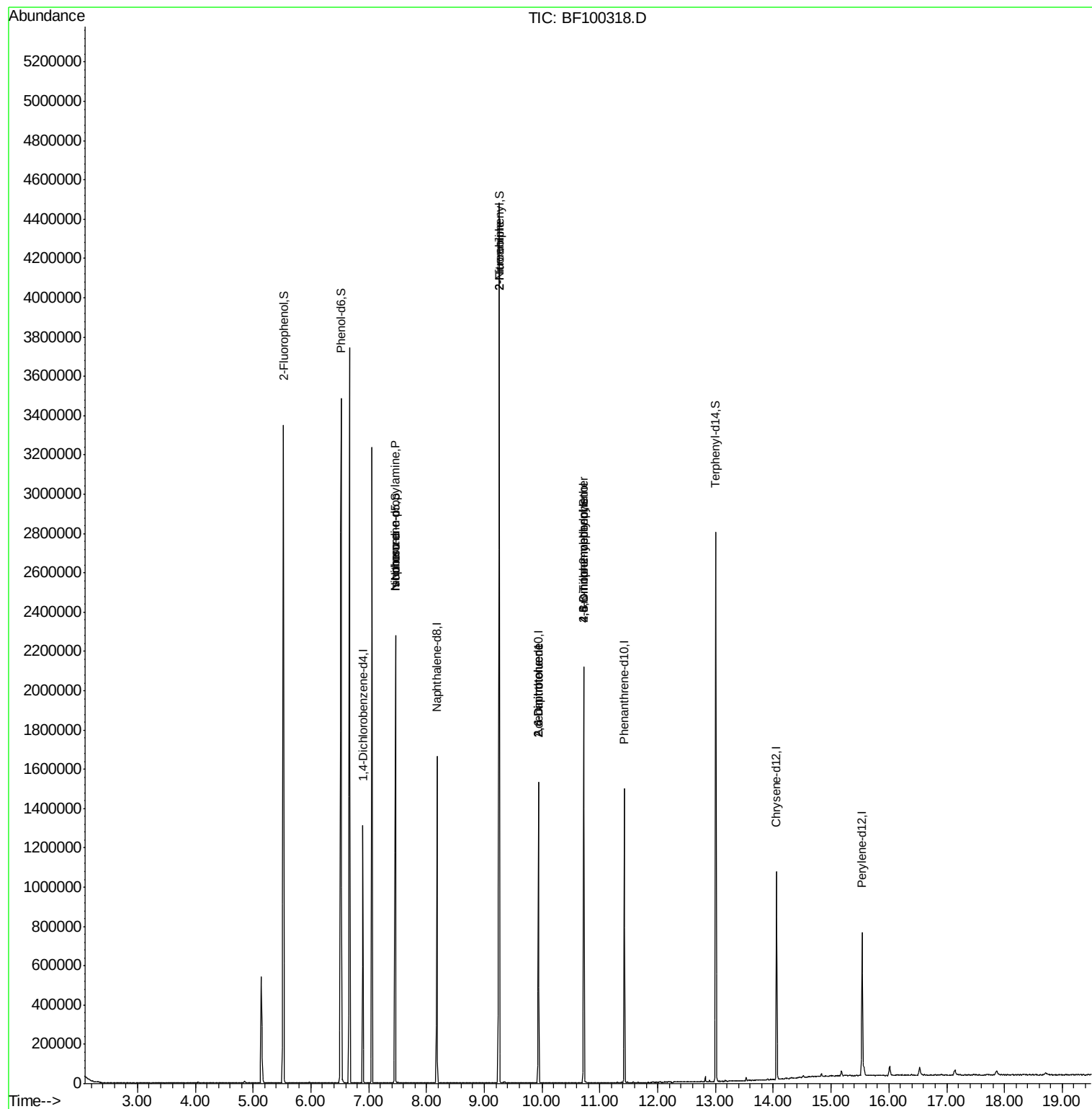
Quant Time: Nov 09 04:13:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 08 14:33:31 2017
 Response via : Initial Calibration

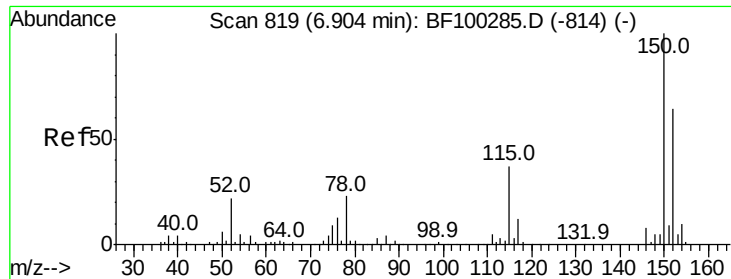
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	183161	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	714905	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	303121	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	489648	20.00	ng	0.00
75) Chrysene-d12	14.06	240	354409	20.00	ng	-0.01
86) Perylene-d12	15.54	264	337705	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1051560	92.03	ng	0.02
7) Phenol-d6	6.52	99	1257904	89.28	ng	0.00
23) Nitrobenzene-d5	7.46	82	778572	72.00	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	249033	80.62	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1411219	70.89	ng	0.00
78) Terphenyl-d14	13.00	244	970348	62.91	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	101898	10.428	ng	# 81
25) Isophorone	7.46	82	778557	34.262	ng	# 64
47) 2-Nitroaniline	9.26	65	2074	3.132	ng	# 1
50) 2,6-Dinitrotoluene	9.94	165	37943	8.282	ng	# 26
56) 2,4-Dinitrotoluene	9.94	165	37943	6.565	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.72	198	477	8.728	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	15607	2.973	ng	# 1

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

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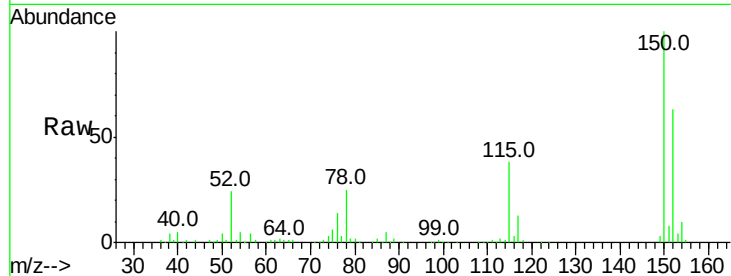




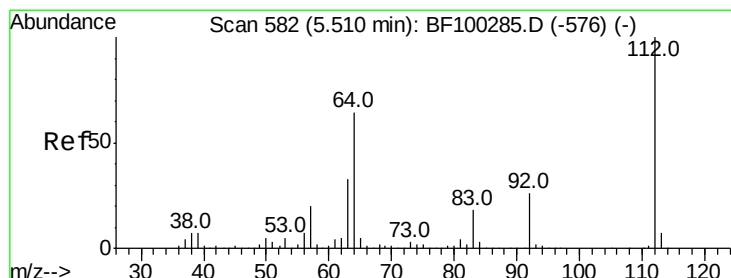
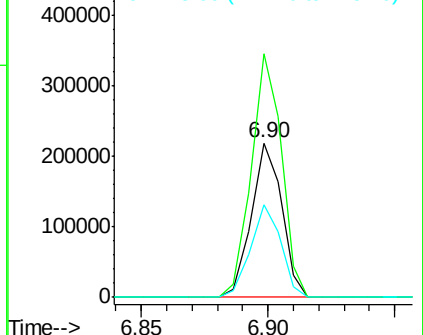
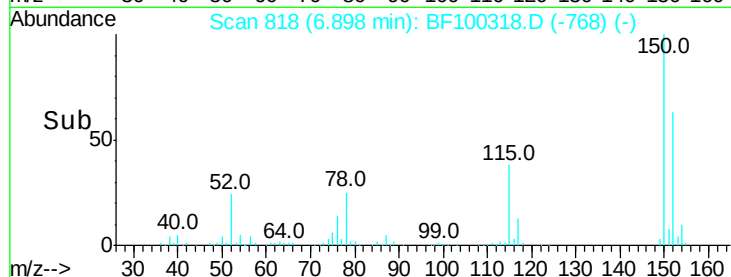
#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF100318.D
 Acq: 9 Nov 2017 3:41

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	60.0	50.1	75.1



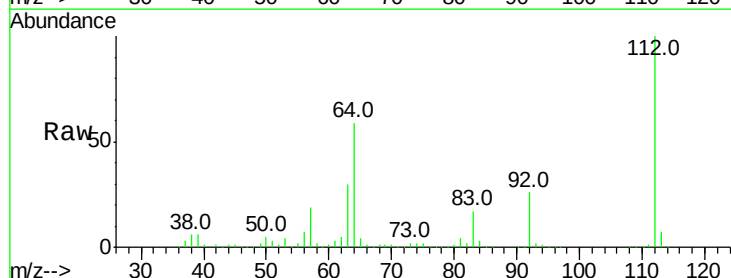
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



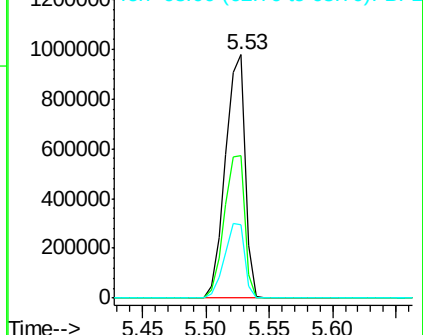
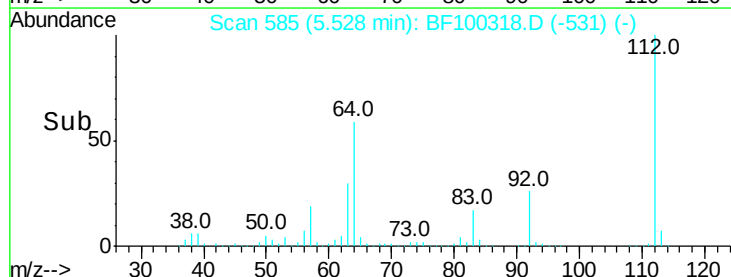
#5

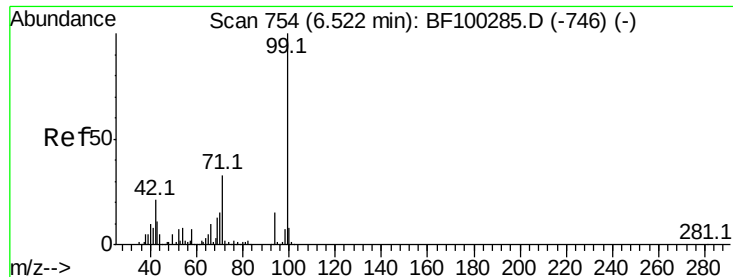
2-Fluorophenol
 Concen: 92.030 ng
 RT: 5.53 min Scan# 585
 Delta R.T. 0.02 min
 Lab File: BF100318.D
 Acq: 9 Nov 2017 3:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.9	71.9
63	30.1	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: 89.276 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF100318.D

Acq: 9 Nov 2017 3:41

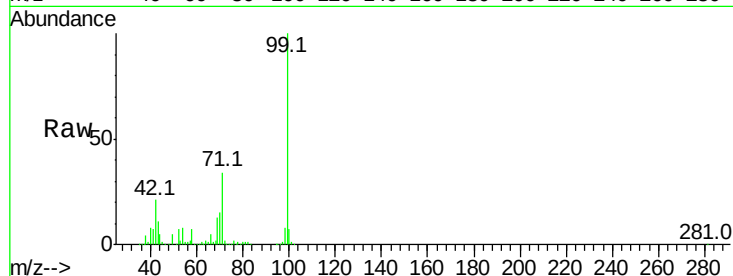
Tot Ion: 99 Resp: 1257904

Ion Ratio Lower Upper

99 100

42 20.6 14.5 21.7

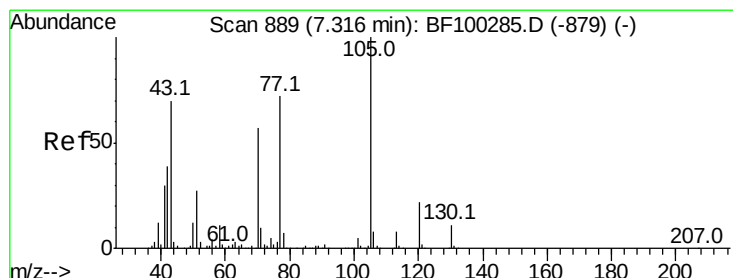
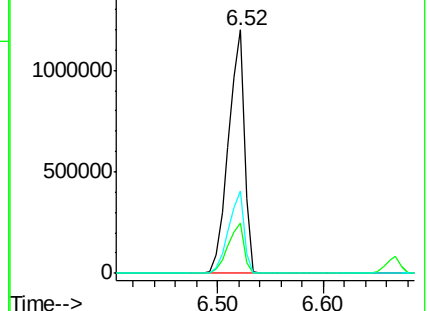
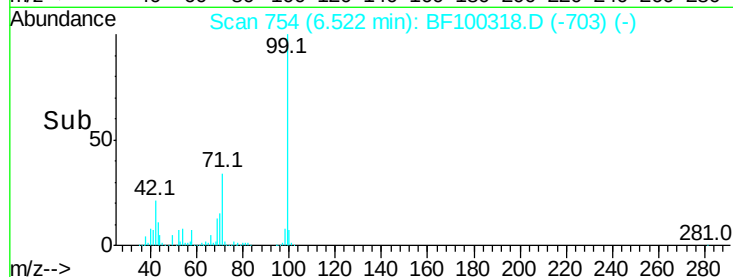
71 34.0 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.428 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.15 min

Lab File: BF100318.D

Acq: 9 Nov 2017 3:41

Tgt Ion: 70 Resp: 101898

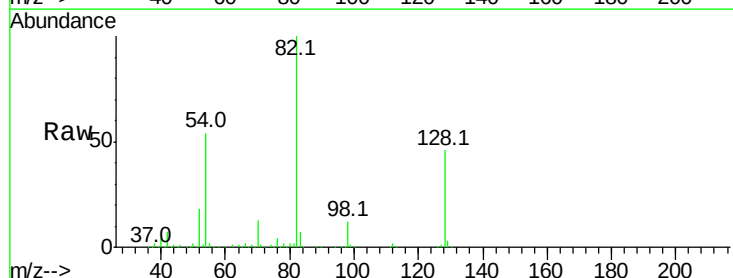
Ion Ratio Lower Upper

70 100

42 51.6 47.5 71.3

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

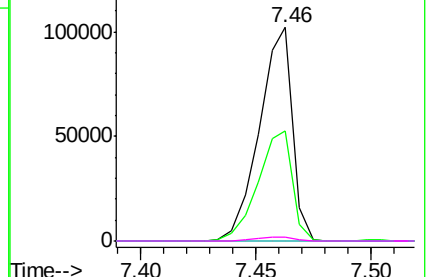
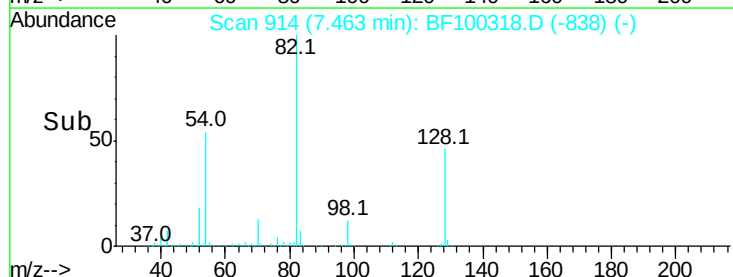


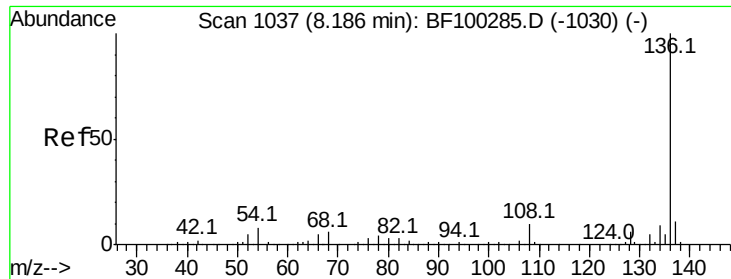
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

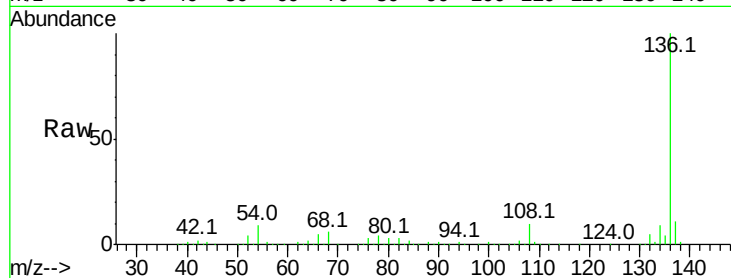
Ion 130.00 (129.70 to 130.70): BF1



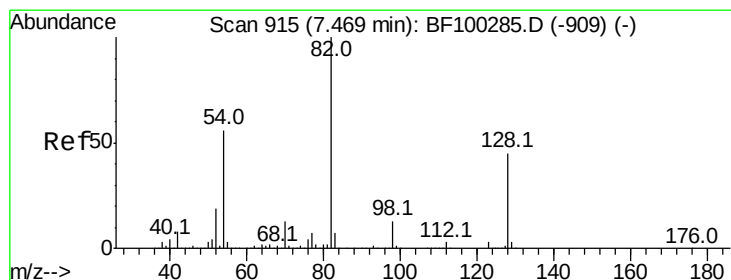
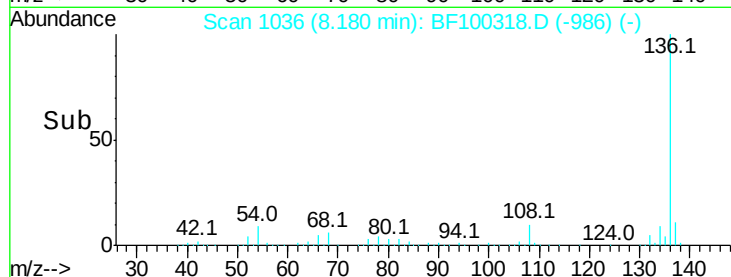
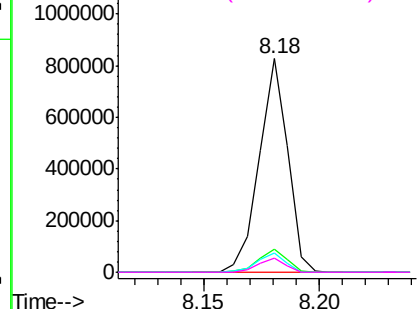


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100318.D
Acq: 9 Nov 2017 3:41

Tot Ion:136	Resp:	714905
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.9	13.3
54 9.1	6.6	9.8
68 6.5	5.0	7.4

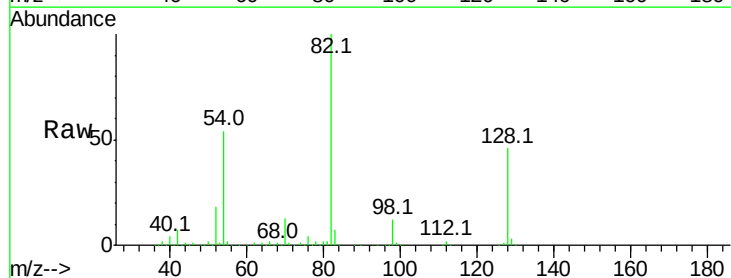


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

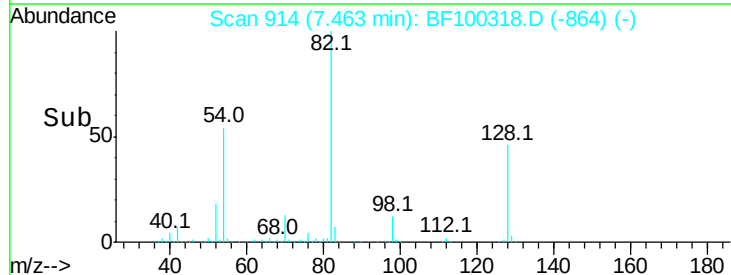
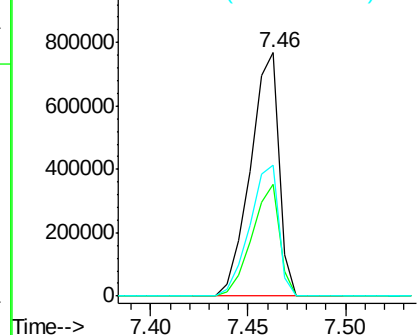


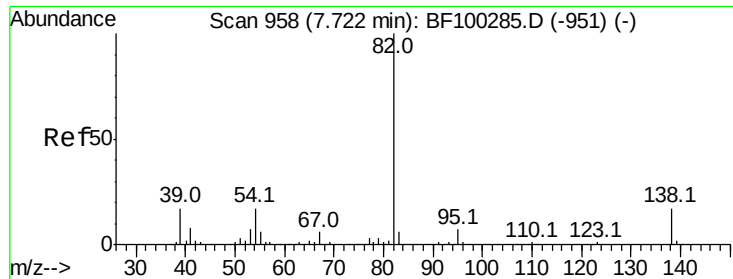
#23
Nitrobenzene-d5
Concen: 72.001 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100318.D
Acq: 9 Nov 2017 3:41

Tgt	Ion: 82	Resp:	778572
Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	53.9	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: 34.262 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.26 min

Lab File: BF100318.D

Acq: 9 Nov 2017 3:41

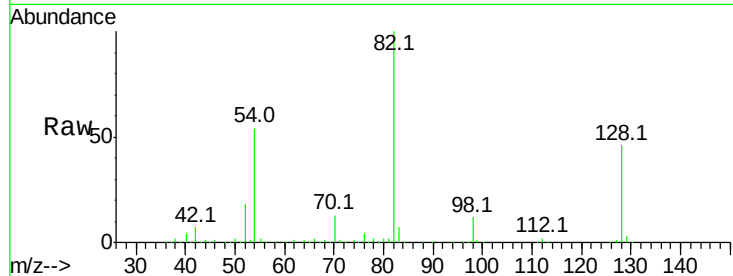
Tot Ion: 82 Resp: 778557

Ion Ratio Lower Upper

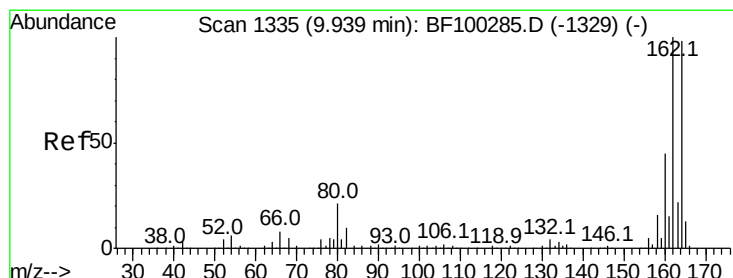
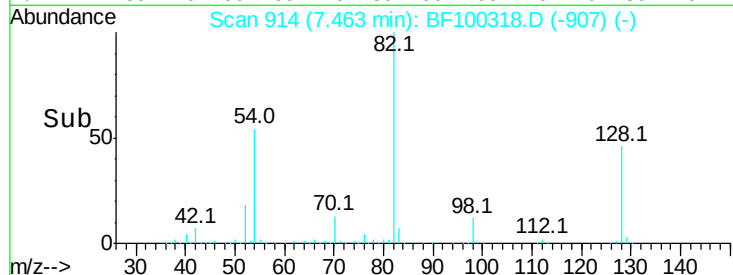
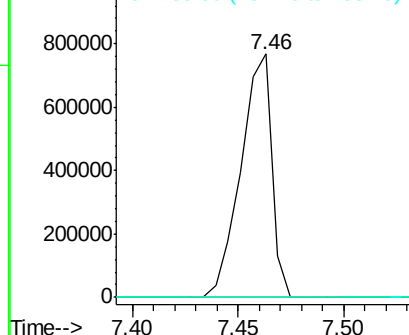
82 100

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: 9.94 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BF100318.D

Acq: 9 Nov 2017 3:41

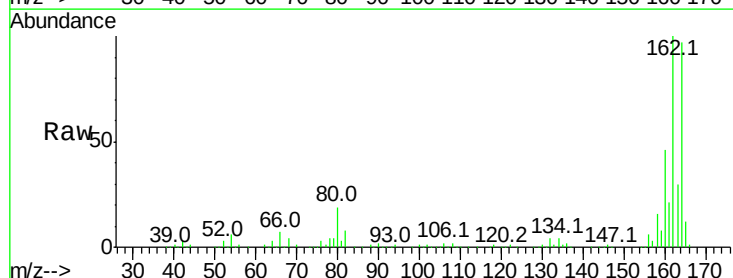
Tgt Ion: 164 Resp: 303121

Ion Ratio Lower Upper

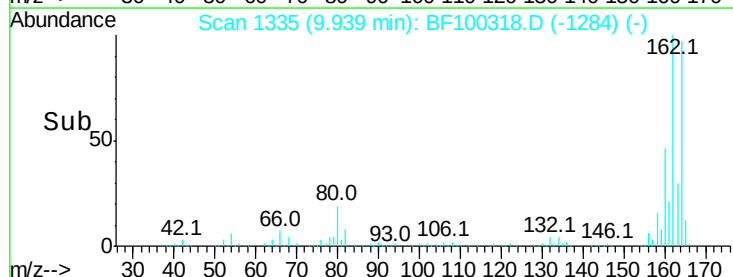
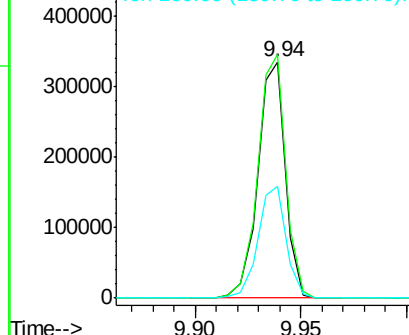
164 100

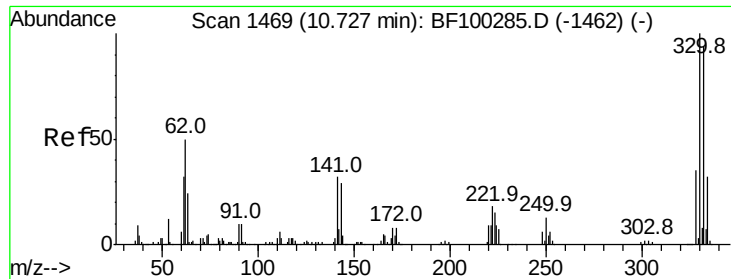
162 103.1 86.1 129.1

160 47.6 38.3 57.5



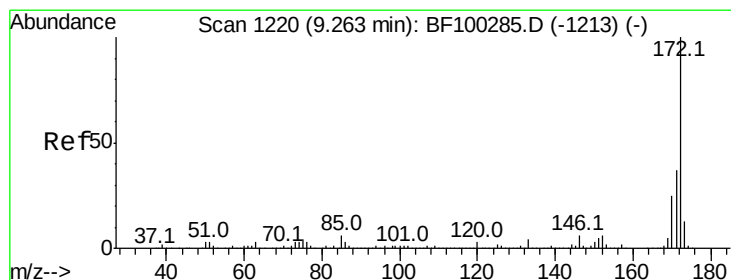
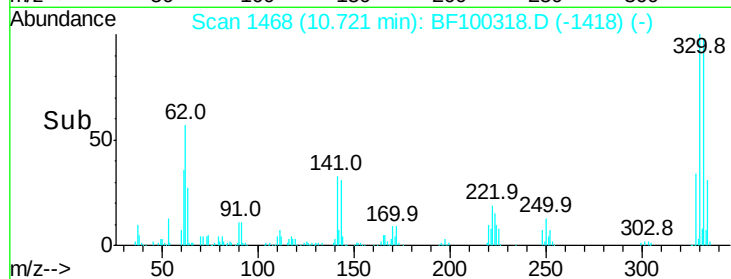
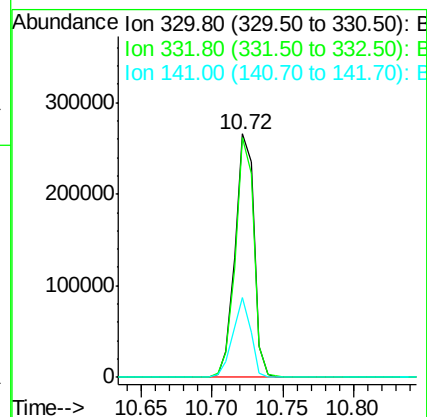
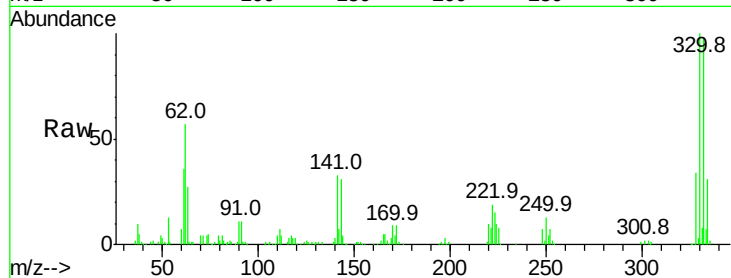
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





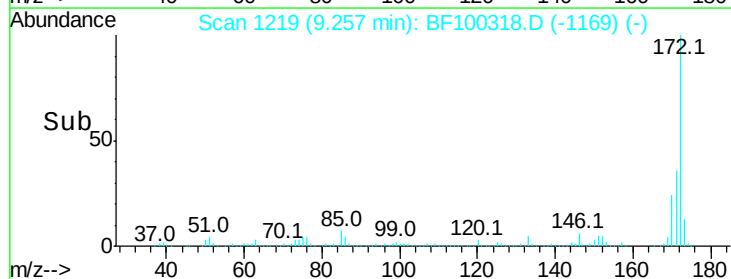
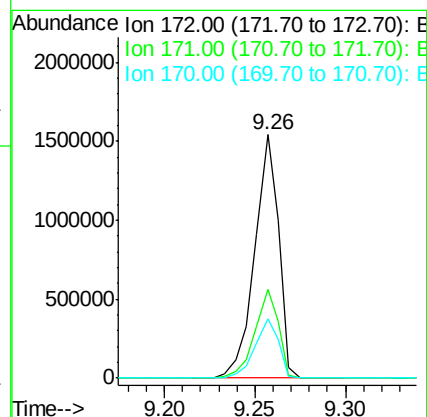
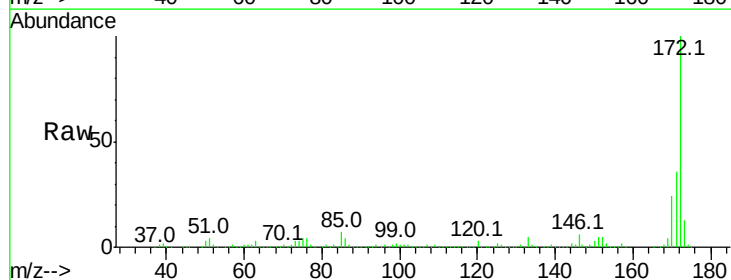
#41
 2,4,6-Tribromophenol
 Concen: 80.624 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.01 min
 Lab File: BF100318.D
 Acq: 9 Nov 2017 3:41

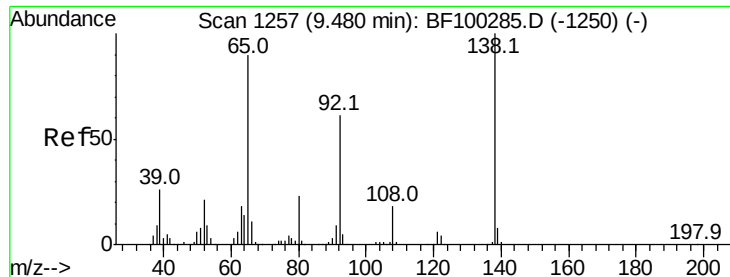
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	30.9	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 70.892 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100318.D
 Acq: 9 Nov 2017 3:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.3	19.6	29.4





#47

2-Nitroaniline

Concen: 3.132 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.22 min

Lab File: BF100318.D

Acq: 9 Nov 2017 3:41

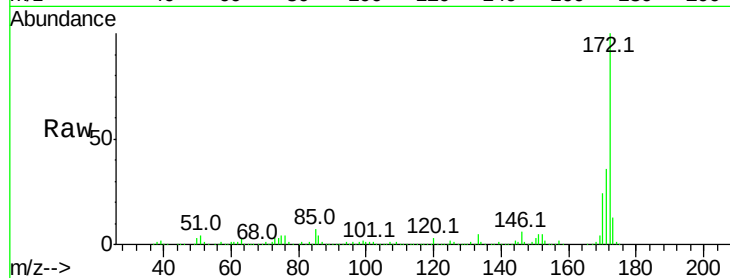
Tot Ion: 65 Resp: 2074

Ion Ratio Lower Upper

65 100

92 177.6 55.8 83.6#

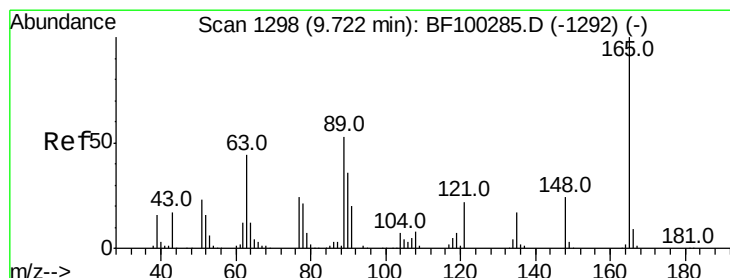
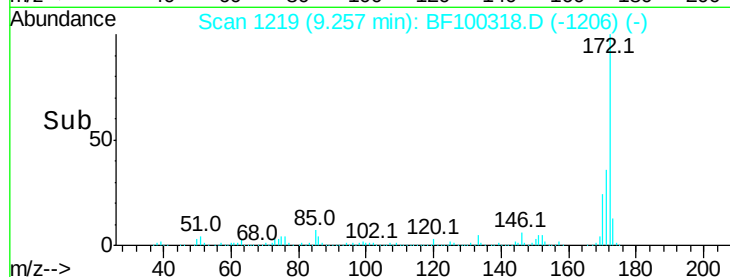
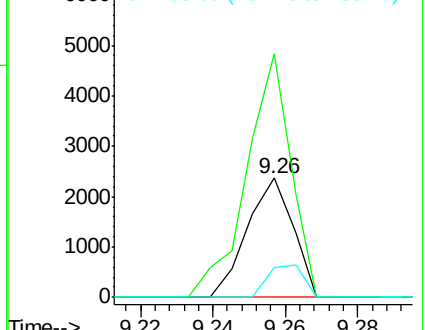
138 22.0 91.2 136.8#



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: 8.282 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.22 min

Lab File: BF100318.D

Acq: 9 Nov 2017 3:41

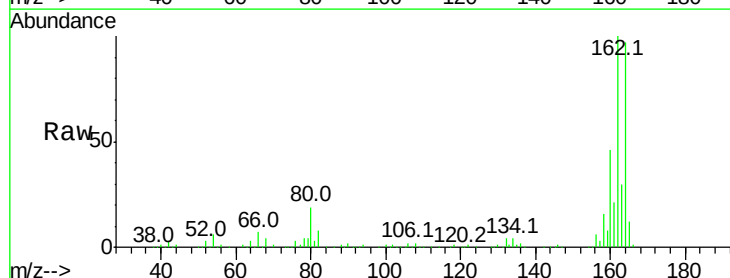
Tgt Ion:165 Resp: 37943

Ion Ratio Lower Upper

165 100

63 1.7 44.7 67.1#

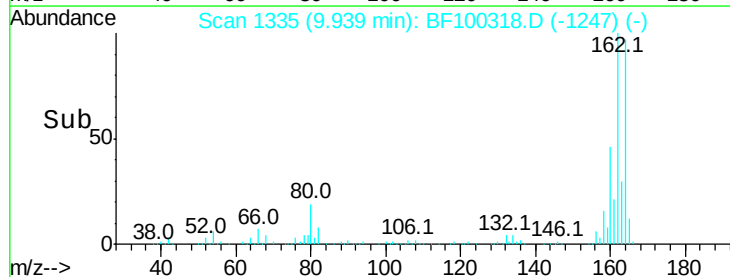
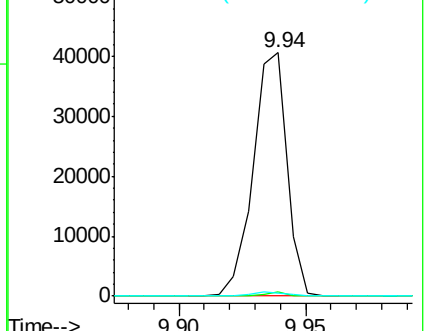
89 1.3 44.0 66.0#

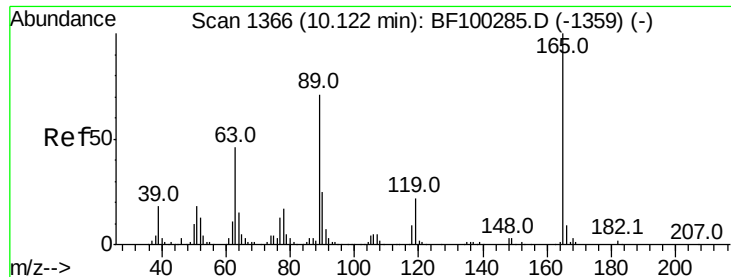


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

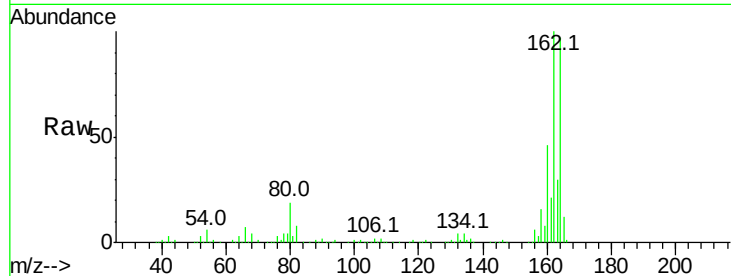
Ion 89.00 (88.70 to 89.70): BF1





#56
 2,4-Dinitrotoluene
 Concen: 6.565 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.18 min
 Lab File: BF100318.D
 Acq: 9 Nov 2017 3:41

Tot Ion:	165	Resp:	37943
Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

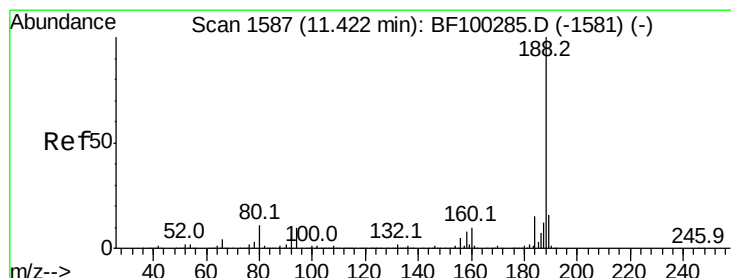
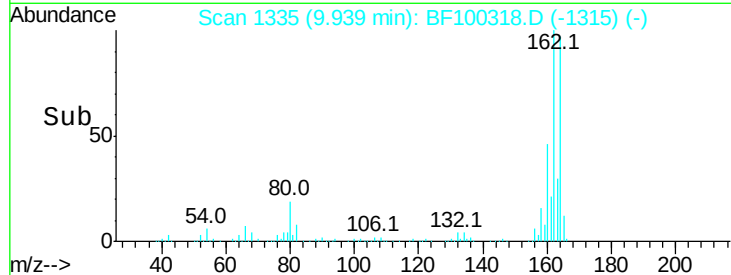
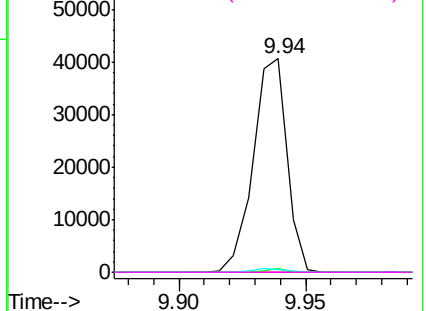


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

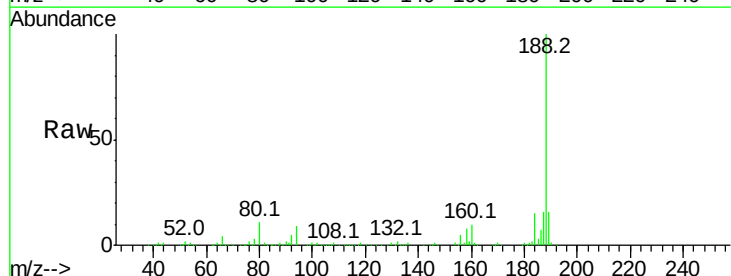
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.00 min
 Lab File: BF100318.D
 Acq: 9 Nov 2017 3:41

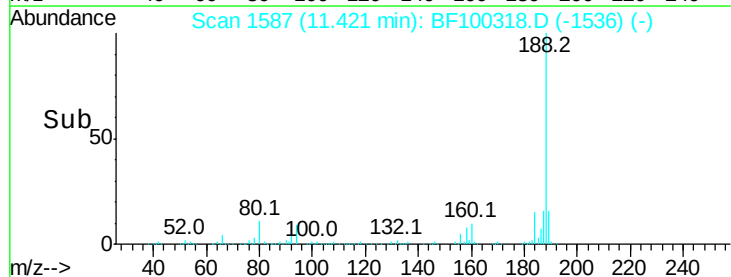
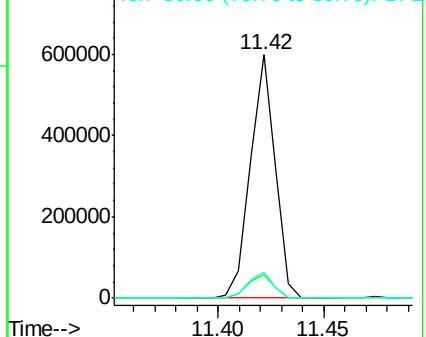
Tgt Ion:	188	Resp:	489648
Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.6	9.2	13.8

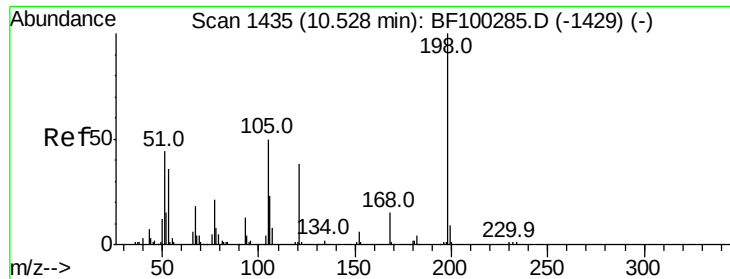


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

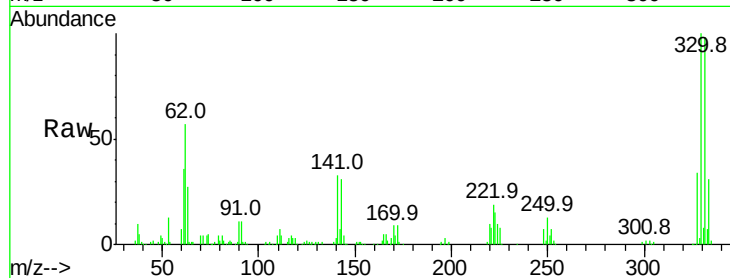
Ion 80.00 (79.70 to 80.70): BF1



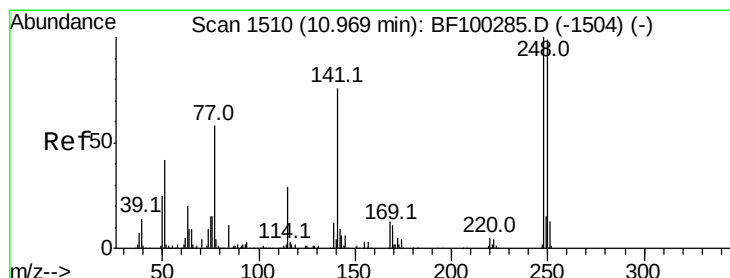
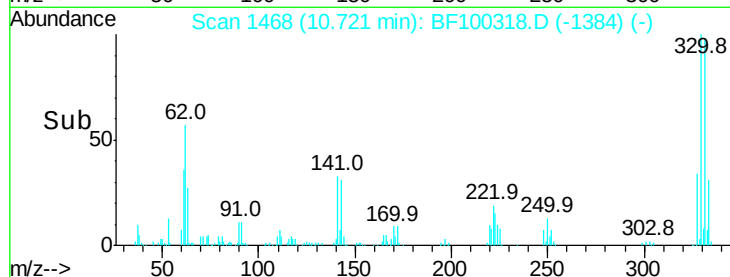
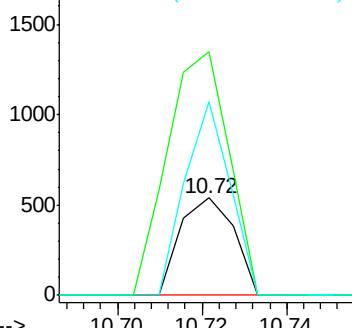


#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.728 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.19 min
 Lab File: BF100318.D
 Acq: 9 Nov 2017 3:41

Tot Ion	Ratio	Lower	Upper
198	100		
51	249.4	37.7	77.7#
105	199.1	36.3	76.3#

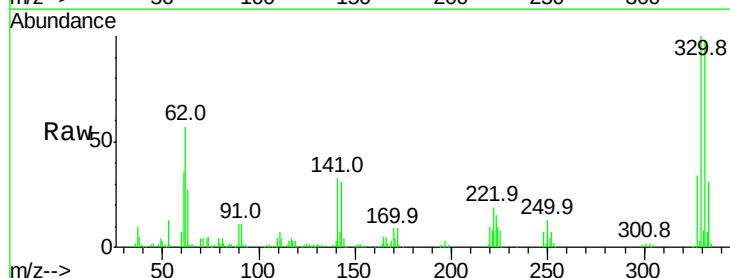


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

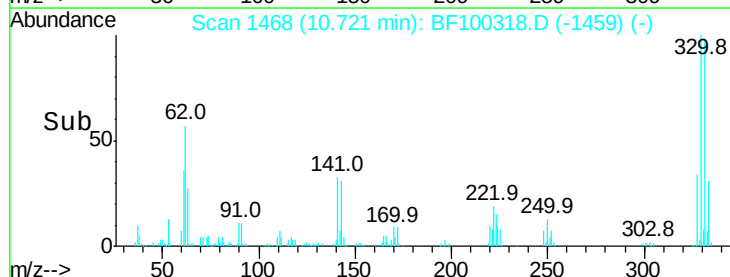
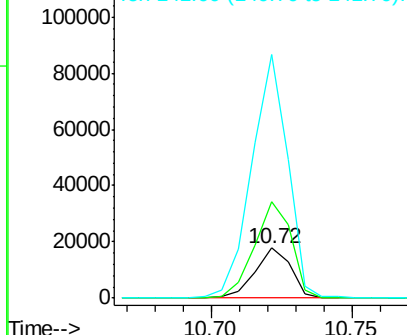


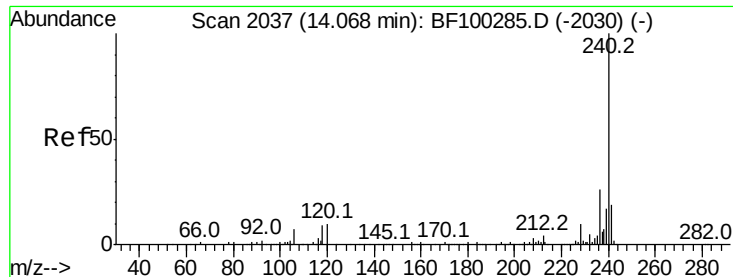
#66
 4-Bromophenyl-phenylether
 Concen: 2.973 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.25 min
 Lab File: BF100318.D
 Acq: 9 Nov 2017 3:41

Tgt Ion	Ratio	Lower	Upper
248	100		
250	191.7	76.9	115.3#
141	485.1	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: 20.000 ng

RT: 14.06 min Scan# 2035

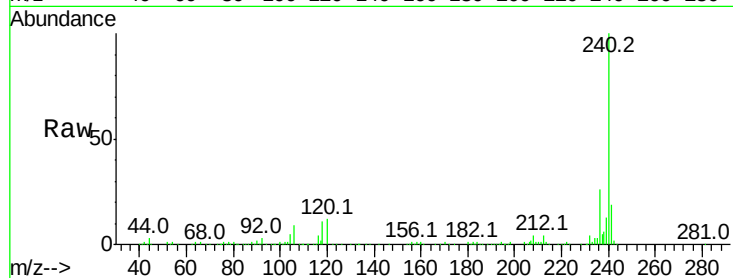
Delta R.T. -0.01 min

Lab File: BF100318.D

Acq: 9 Nov 2017 3:41

Tot Ion:240 Resp: 354409

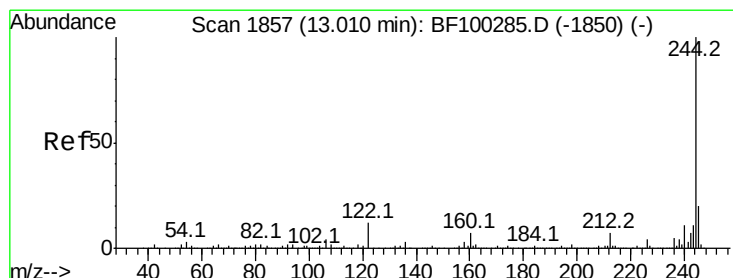
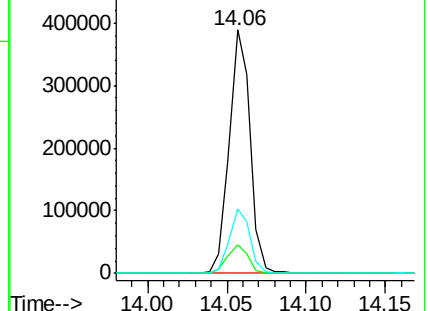
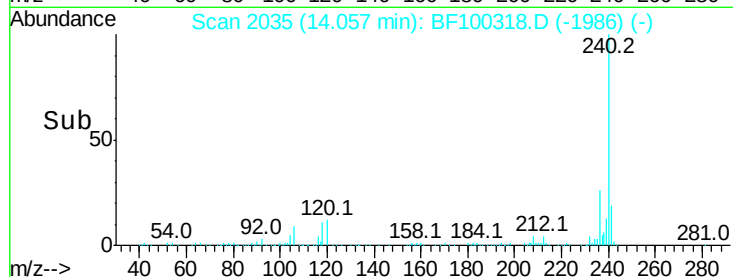
Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.5	14.3
236	26.3	20.7	31.1



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: 62.910 ng

RT: 13.00 min Scan# 1856

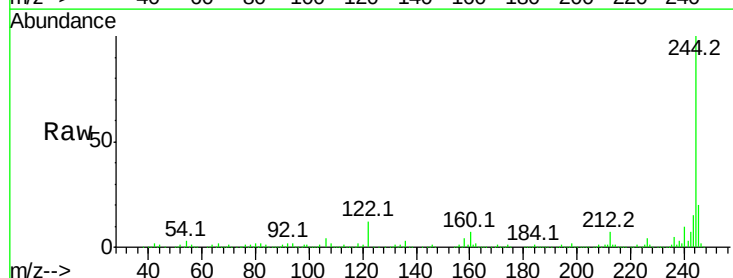
Delta R.T. -0.01 min

Lab File: BF100318.D

Acq: 9 Nov 2017 3:41

Tgt Ion:244 Resp: 970348

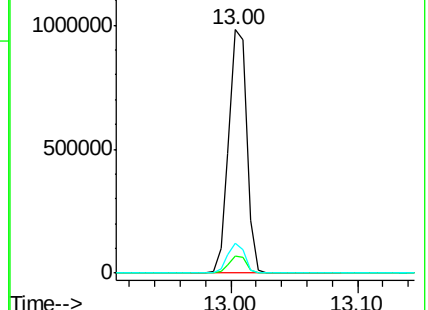
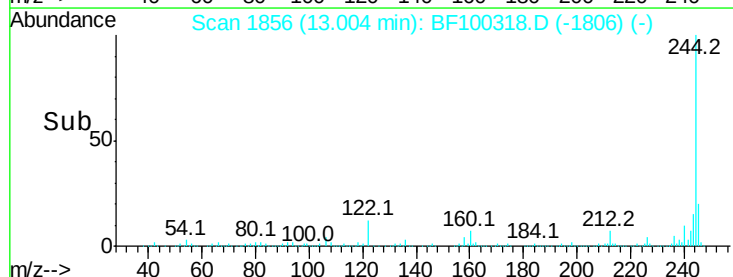
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.4	11.0	16.4

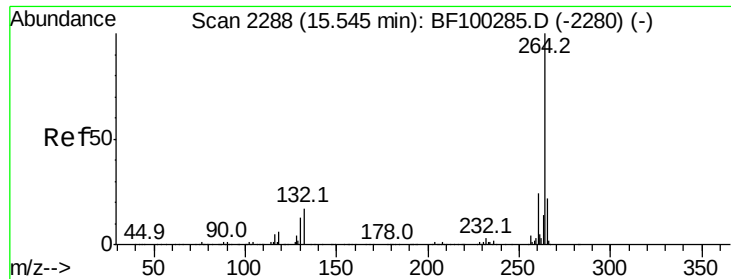


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BF100318.D
Acq: 9 Nov 2017 3:41

Tot Ion:	264	Resp:	337705
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.7	17.5	26.3

