

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110817\
 Data File : BF100322.D
 Acq On : 9 Nov 2017 5:29
 Operator : SJ/JU
 Sample : I6304-10
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

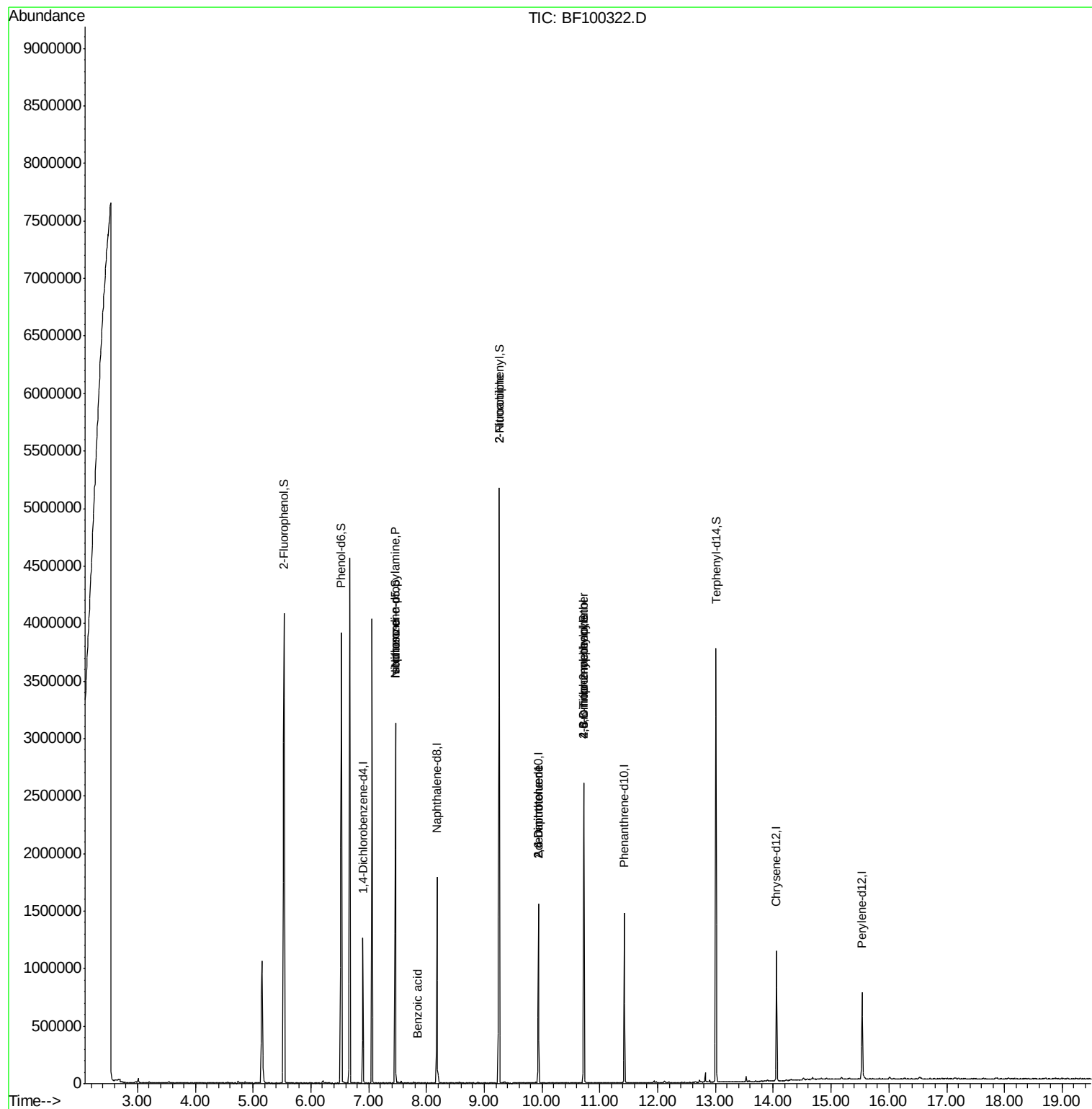
Quant Time: Nov 09 08:40:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 08 14:33:31 2017
 Response via : Initial Calibration

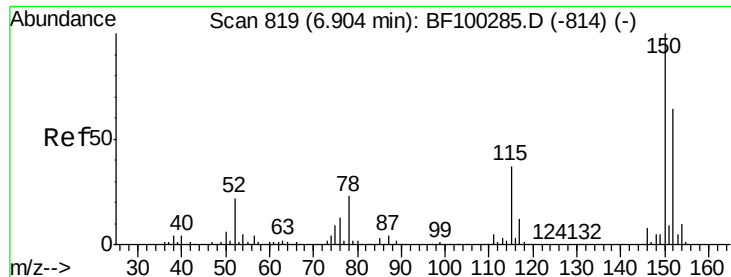
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	187728	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	737502	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	305420	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	472501	20.00	ng	0.00
75) Chrysene-d12	14.06	240	355863	20.00	ng	-0.01
86) Perylene-d12	15.54	264	338370	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1316809	112.44	ng	0.02
7) Phenol-d6	6.53	99	1417294	98.14	ng	0.00
23) Nitrobenzene-d5	7.46	82	1102437	98.83	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	349472	112.29	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1870754	93.27	ng	0.00
78) Terphenyl-d14	13.01	244	1277476	82.48	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.46	70	147262	14.70	ng	# 84
25) Isophorone	7.46	82	1102424	47.03	ng	# 64
32) Benzoic acid	7.85	122	768	9.45	ng	# 77
47) 2-Nitroaniline	9.26	65	3100	3.30	ng	# 6
50) 2,6-Dinitrotoluene	9.93	165	39868	8.64	ng	# 26
56) 2,4-Dinitrotoluene	9.93	165	39868	6.85	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.72	198	702	8.81	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	22161	4.38	ng	# 1

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

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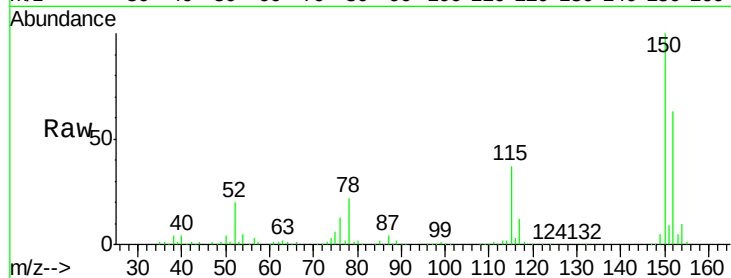




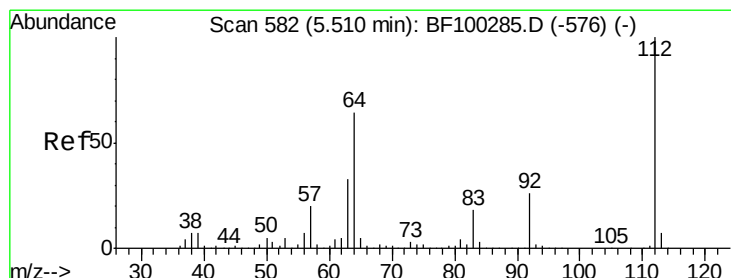
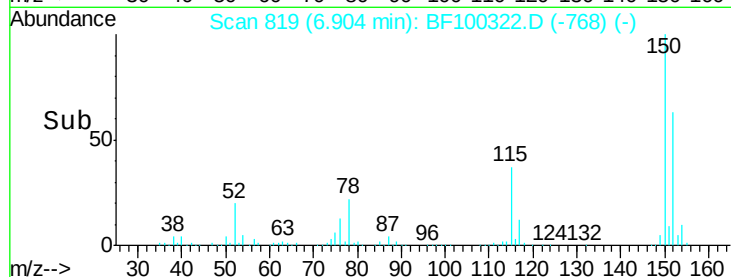
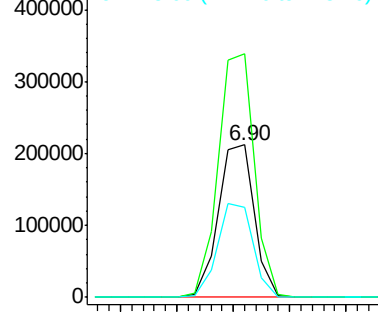
#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100322.D
Acq: 9 Nov 2017 5:29

Tot Ion:152 Resp: 187728
Ion Ratio Lower Upper
152 100
150 159.5 124.6 186.8
115 58.6 50.1 75.1



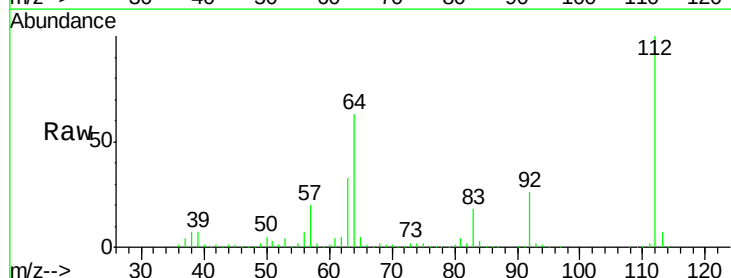
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



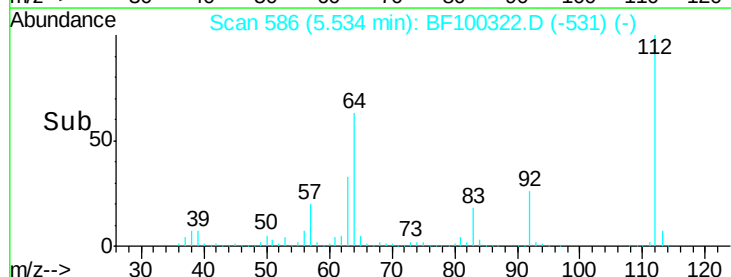
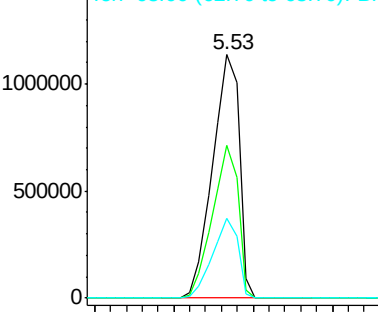
#5

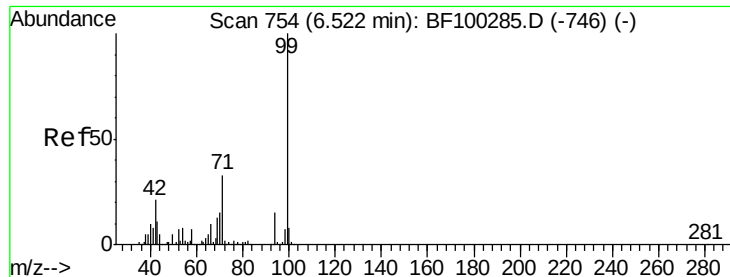
2-Fluorophenol
Concen: 112.44 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF100322.D
Acq: 9 Nov 2017 5:29

Tgt Ion:112 Resp: 1316809
Ion Ratio Lower Upper
112 100
64 62.6 47.9 71.9
63 32.6 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: 98.14 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF100322.D

Acq: 9 Nov 2017 5:29

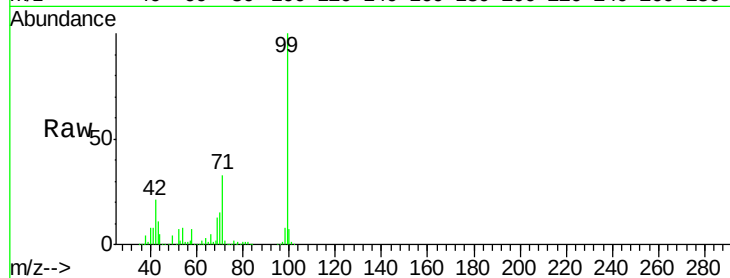
Tot Ion: 99 Resp: 1417294

Ion Ratio Lower Upper

99 100

42 20.6 14.5 21.7

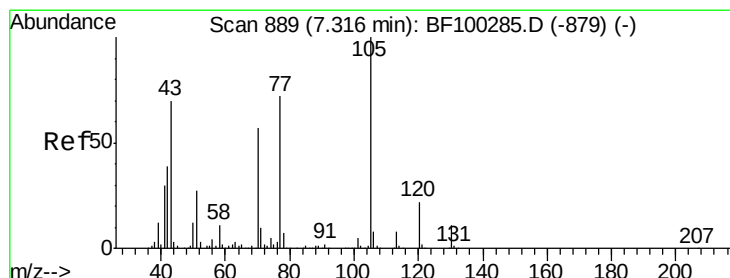
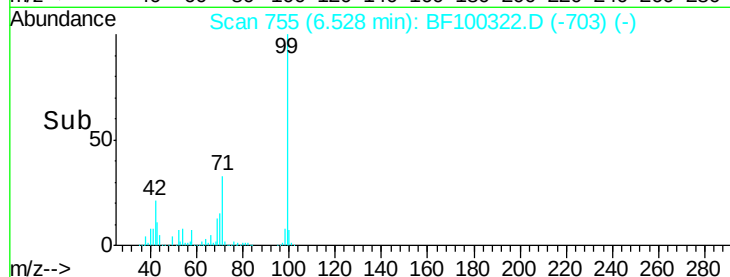
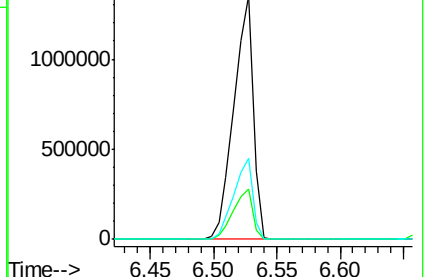
71 33.4 25.4 38.0



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: 14.70 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.15 min

Lab File: BF100322.D

Acq: 9 Nov 2017 5:29

Tgt Ion: 70 Resp: 147262

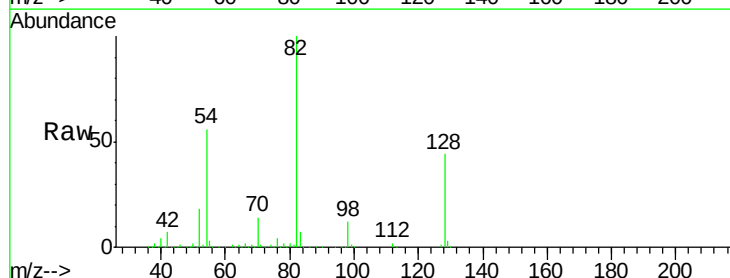
Ion Ratio Lower Upper

70 100

42 54.9 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

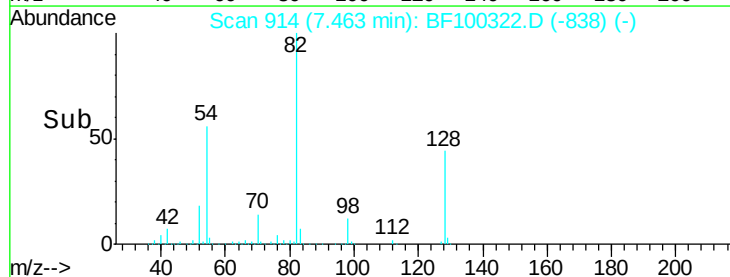
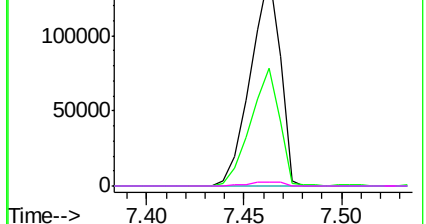


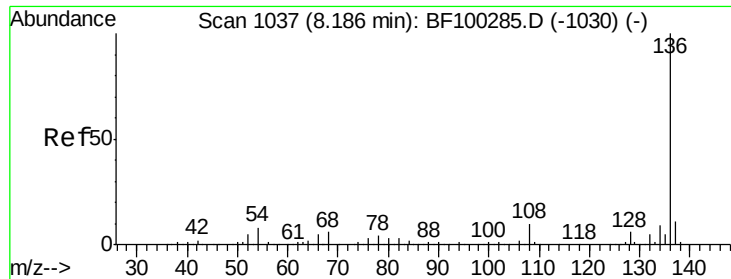
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

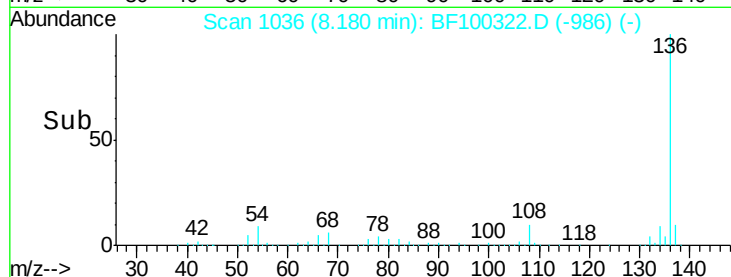
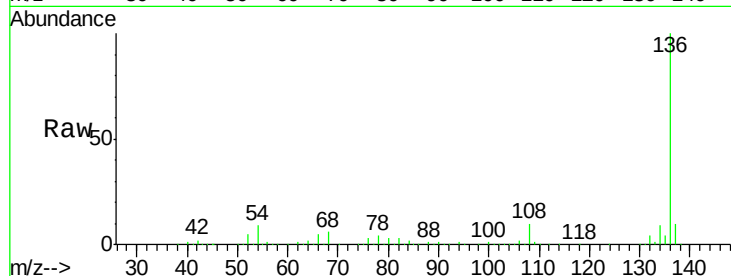
Ion 130.00 (129.70 to 130.70): BF1



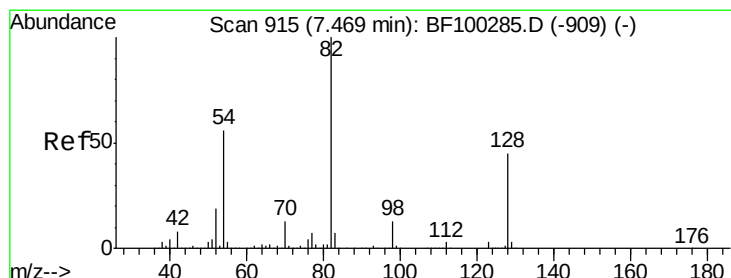
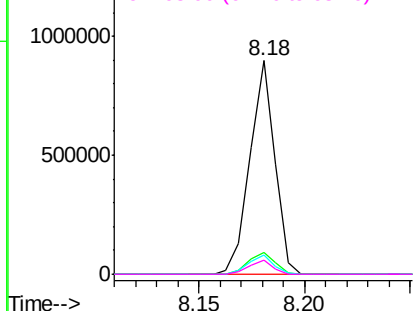


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100322.D
Acq: 9 Nov 2017 5:29

Tot Ion:136	Resp:	737502
Ion Ratio	Lower	Upper
136 100		
137 10.4	8.9	13.3
54 8.7	6.6	9.8
68 6.4	5.0	7.4

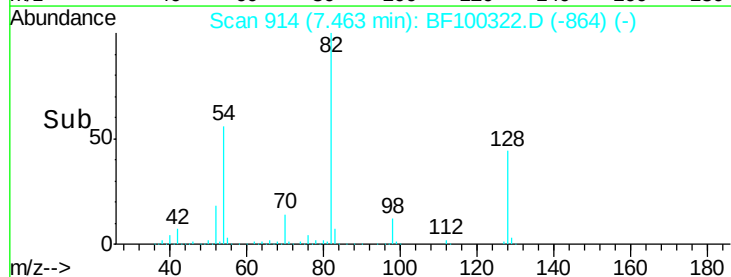
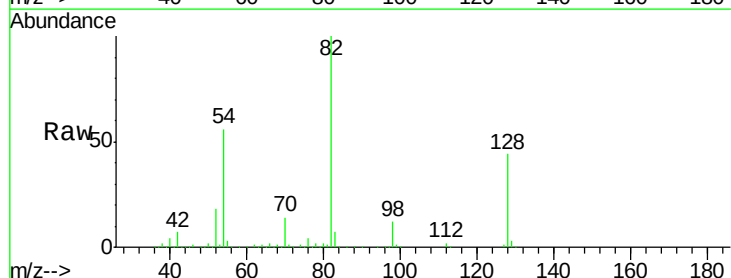


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

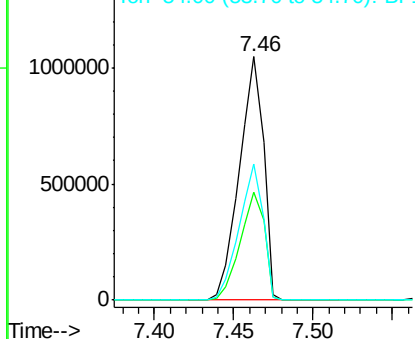


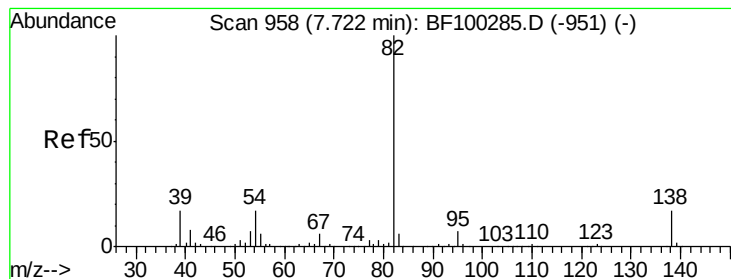
#23
Nitrobenzene-d5
Concen: 98.83 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100322.D
Acq: 9 Nov 2017 5:29

Tgt Ion: 82	Resp: 1102437
Ion Ratio	Lower Upper
82 100	
128 44.5	36.1 54.1
54 55.8	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: 47.03 ng

RT: 7.46 min Scan# 914

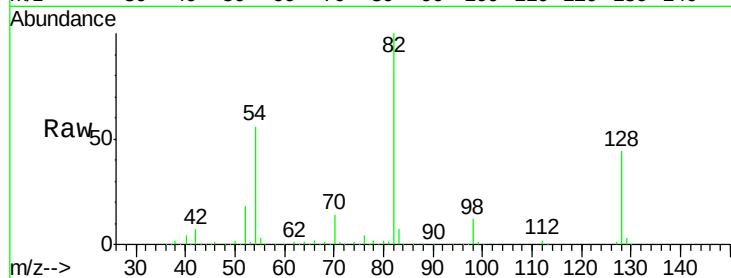
Delta R.T. -0.26 min

Lab File: BF100322.D

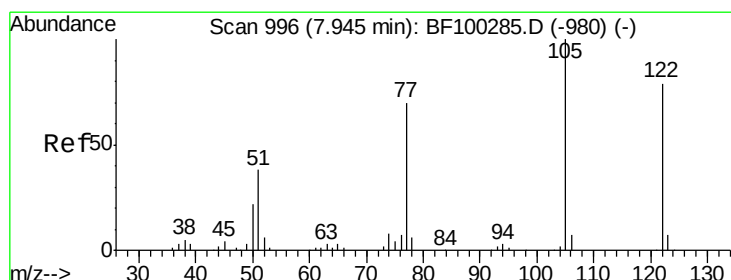
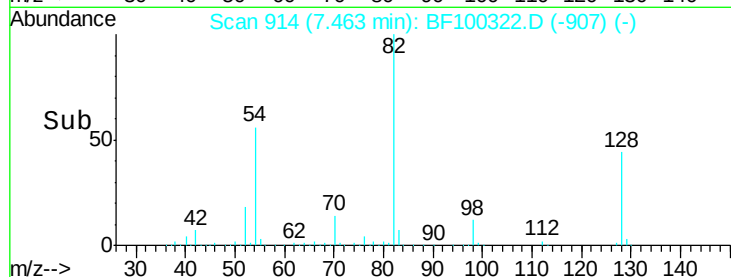
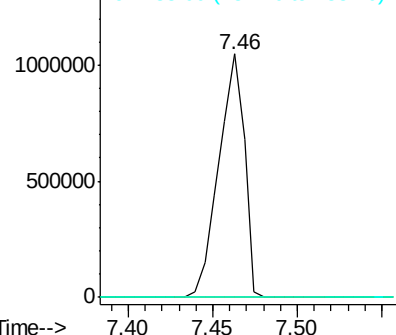
Acq: 9 Nov 2017 5:29

Tot Ion: 82 Resp: 1102424

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



#32

Benzoic acid

Concen: 9.45 ng

RT: 7.85 min Scan# 979

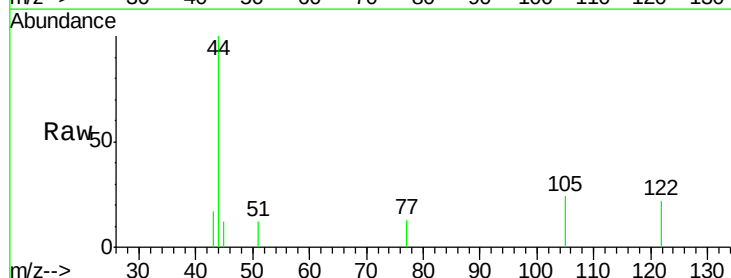
Delta R.T. -0.10 min

Lab File: BF100322.D

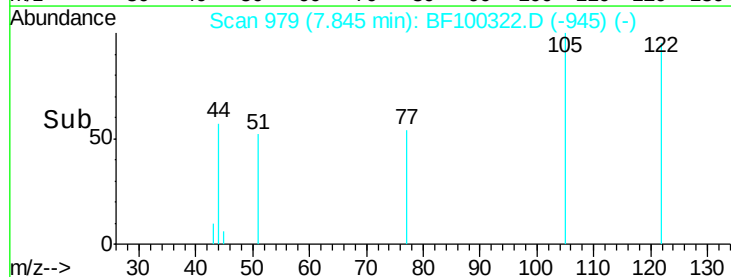
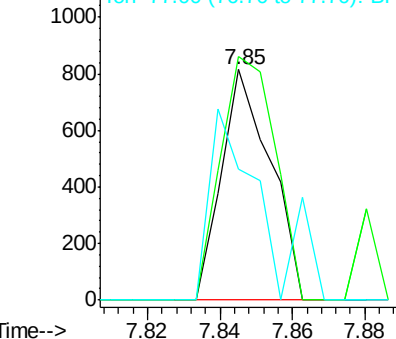
Acq: 9 Nov 2017 5:29

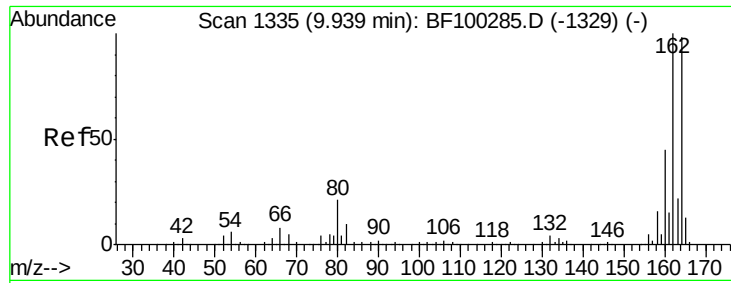
Tgt Ion: 122 Resp: 768

Ion	Ratio	Lower	Upper
122	100		
105	105.6	101.1	141.1
77	56.6	70.7	110.7#



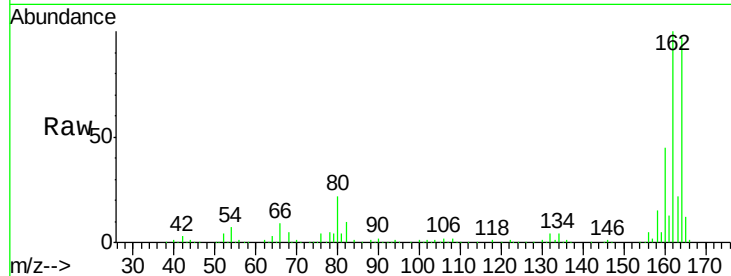
Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1



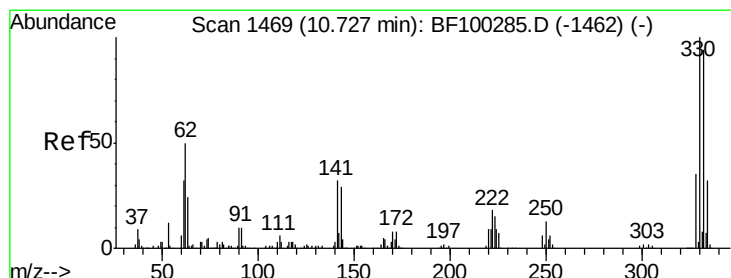
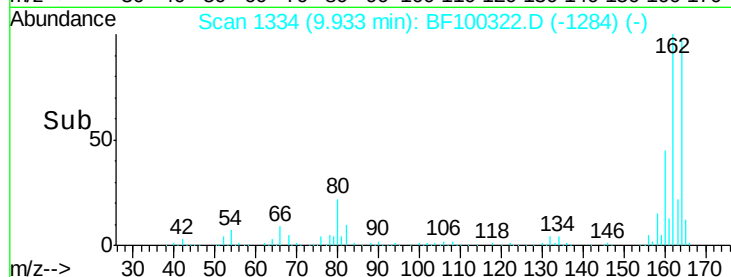
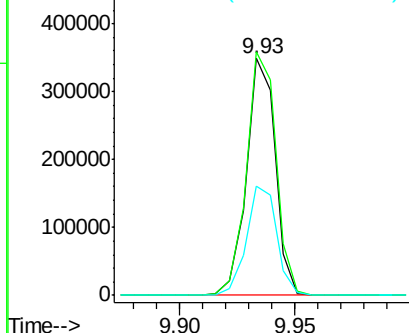


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF100322.D
 Acq: 9 Nov 2017 5:29

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	86.1	129.1
160	46.1	38.3	57.5

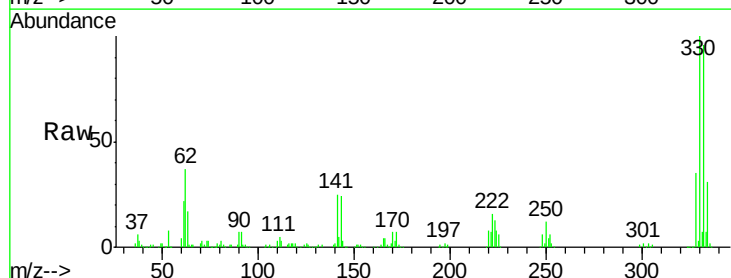


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

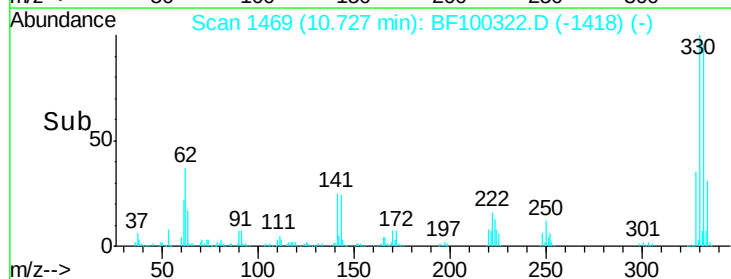
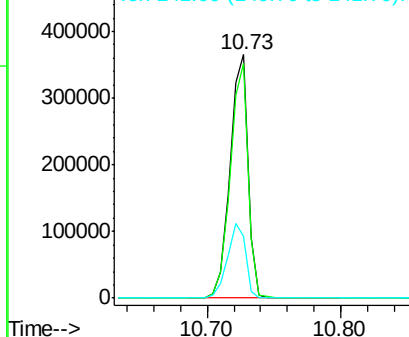


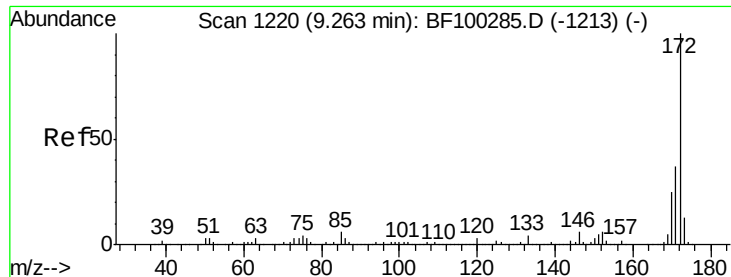
#41
 2,4,6-Tribromophenol
 Concen: 112.29 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: BF100322.D
 Acq: 9 Nov 2017 5:29

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	31.0	29.9	44.9



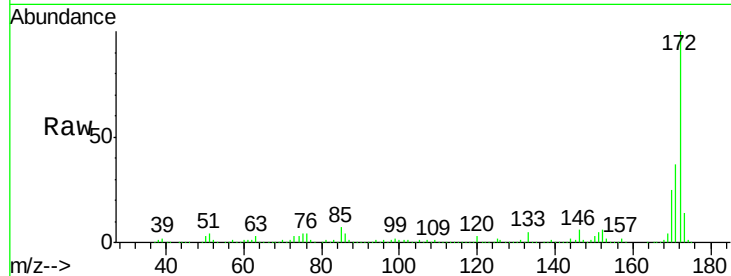
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



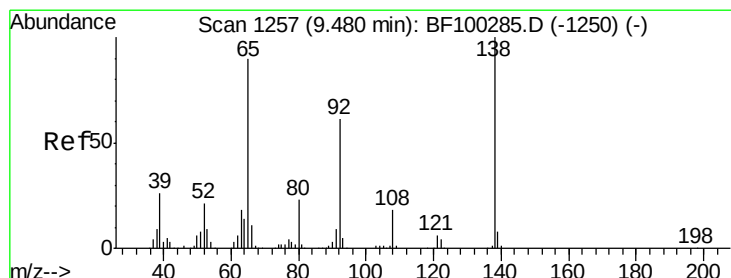
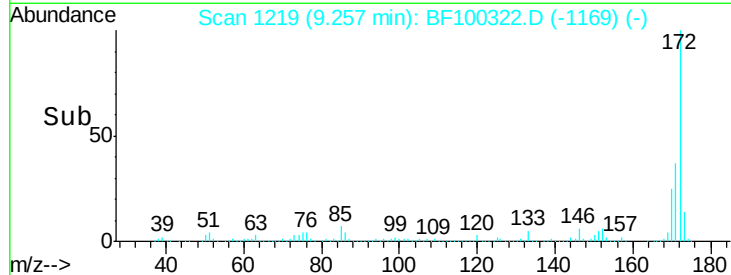
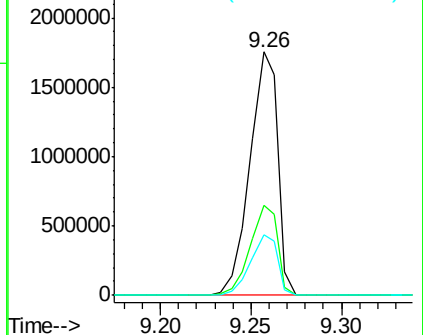


#44
2-Fluorobiphenyl
Concen: 93.27 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF100322.D
Acq: 9 Nov 2017 5:29

Tot Ion:172 Resp: 1870754
Ion Ratio Lower Upper
172 100
171 36.8 29.7 44.5
170 24.6 19.6 29.4

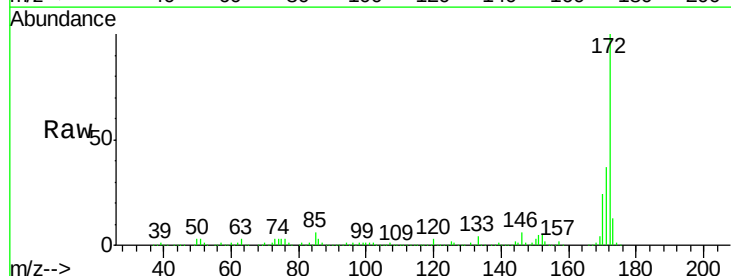


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

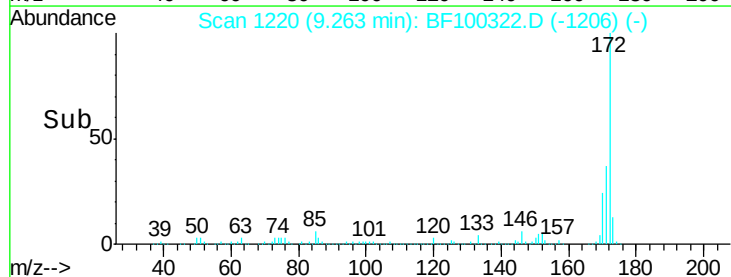
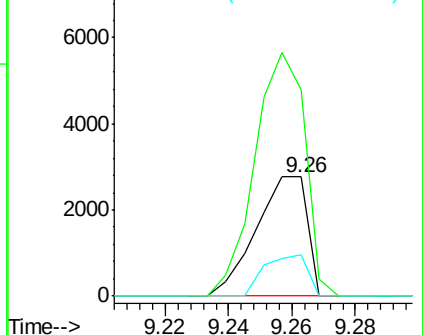


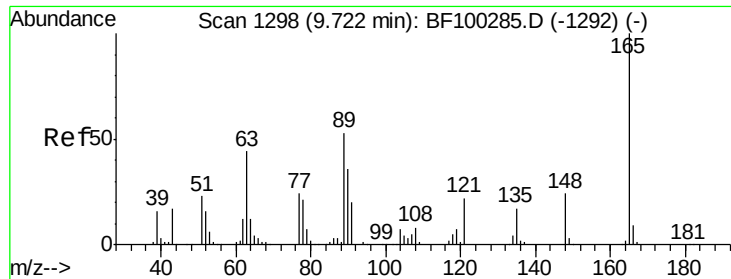
#47
2-Nitroaniline
Concen: 3.30 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.22 min
Lab File: BF100322.D
Acq: 9 Nov 2017 5:29

Tgt Ion: 65 Resp: 3100
Ion Ratio Lower Upper
65 100
92 173.0 55.8 83.6#
138 34.3 91.2 136.8#



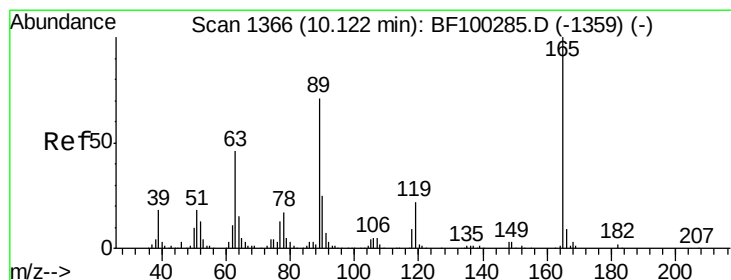
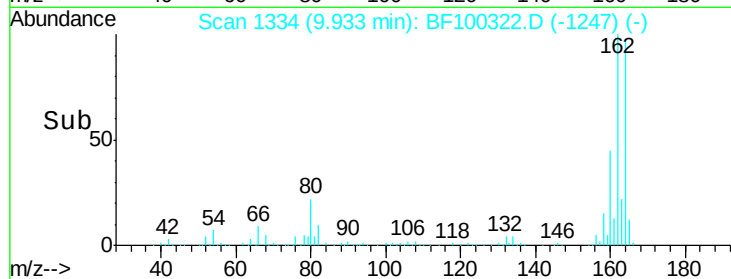
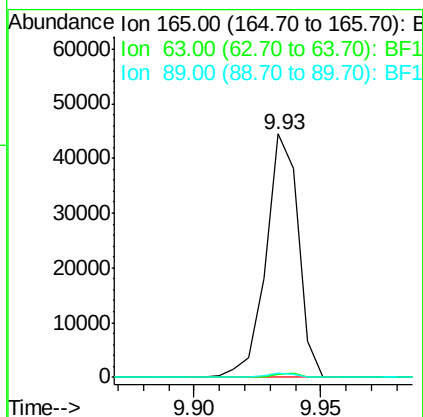
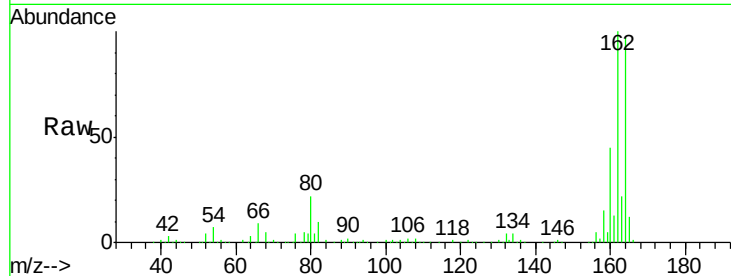
Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





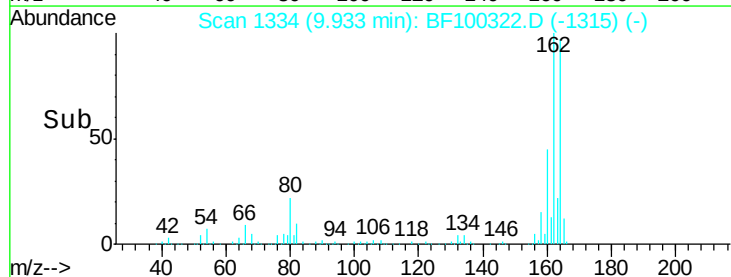
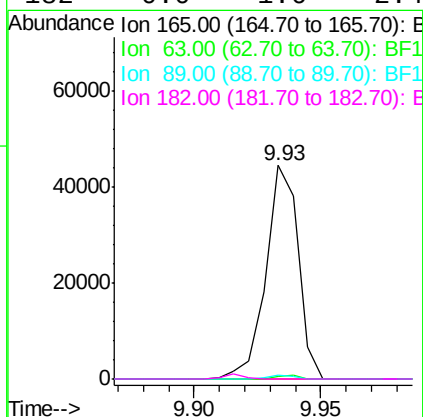
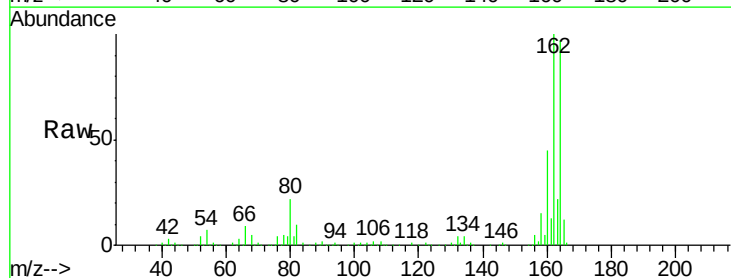
#50
2,6-Dinitrotoluene
Concen: 8.64 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.21 min
Lab File: BF100322.D
Acq: 9 Nov 2017 5:29

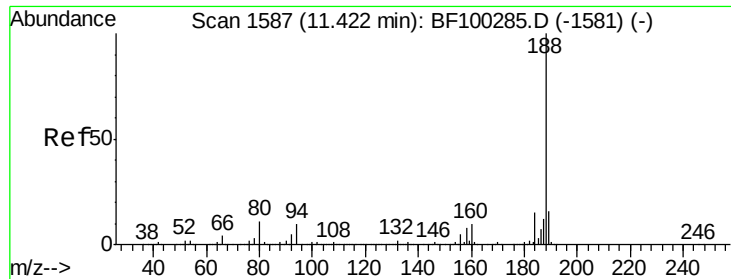
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.8	44.0	66.0#



#56
2,4-Dinitrotoluene
Concen: 6.85 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.19 min
Lab File: BF100322.D
Acq: 9 Nov 2017 5:29

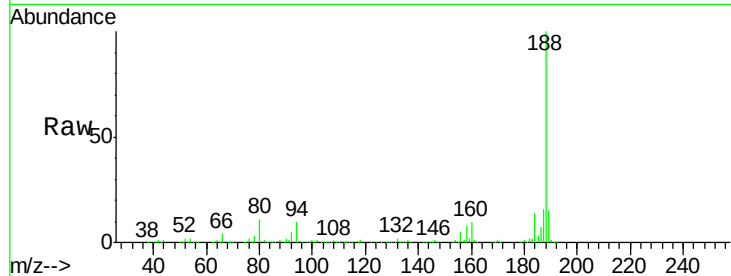
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#





#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF100322.D
Acq: 9 Nov 2017 5:29

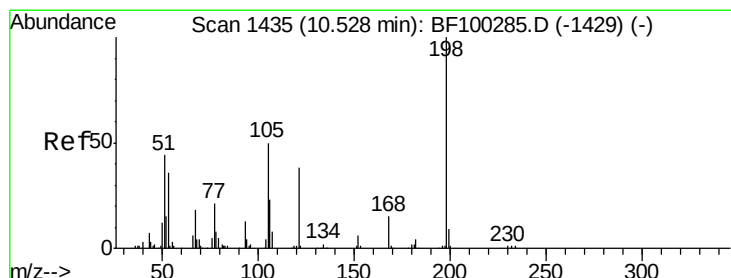
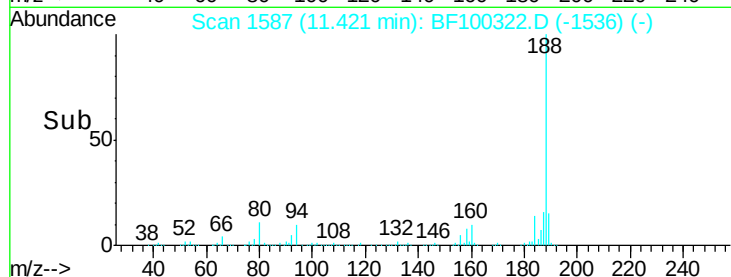
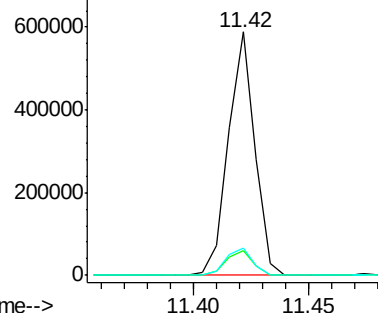
Tot Ion:188	Resp: 472501
Ion Ratio	Lower Upper
188 100	
94 10.0	8.5 12.7
80 11.0	9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

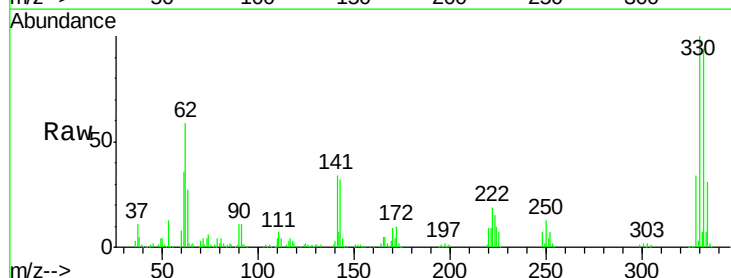
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64
4,6-Dinitro-2-methylphenol
Concen: 8.81 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.19 min
Lab File: BF100322.D
Acq: 9 Nov 2017 5:29

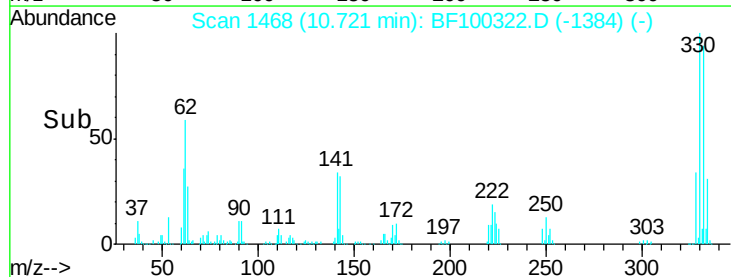
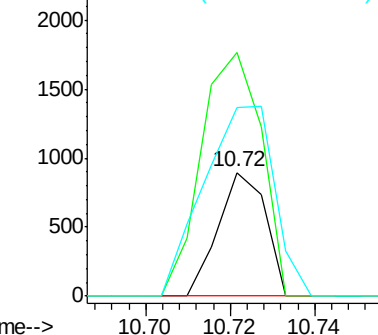
Tgt	Ion:198	Resp:	702
Ion	Ratio	Lower	Upper
198	100		
51	197.1	37.7	77.7#
105	152.8	36.3	76.3#

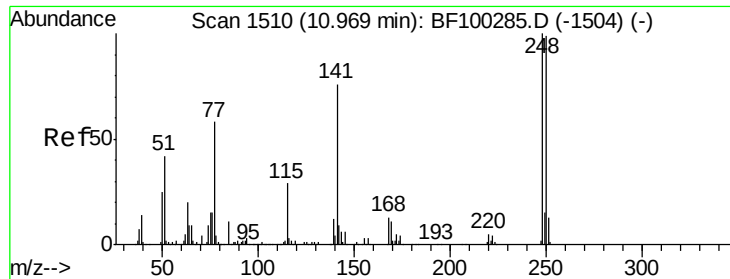


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

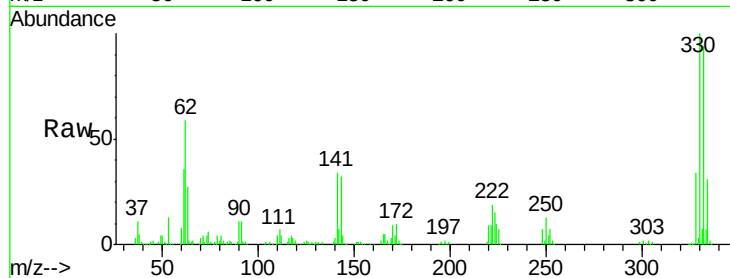
Ion 105.00 (104.70 to 105.70): E



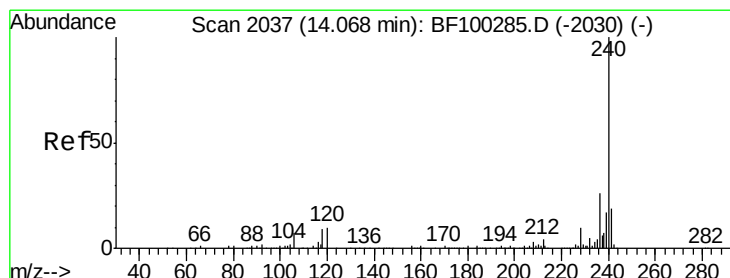
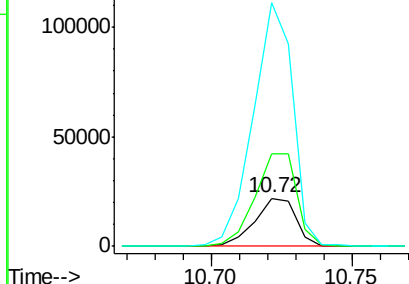
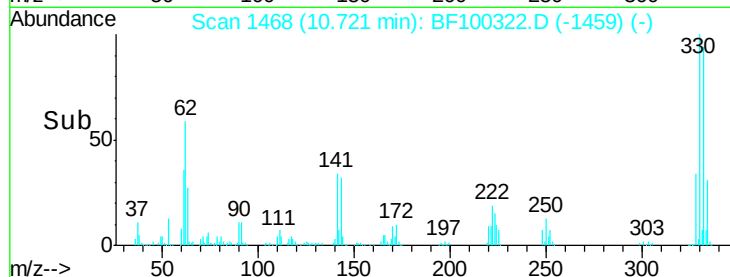


#66
4-Bromophenyl-phenylether
Concen: 4.38 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.25 min
Lab File: BF100322.D
Acq: 9 Nov 2017 5:29

Tot Ion:248 Resp: 22161
Ion Ratio Lower Upper
248 100
250 194.2 76.9 115.3#
141 509.5 74.4 111.6#

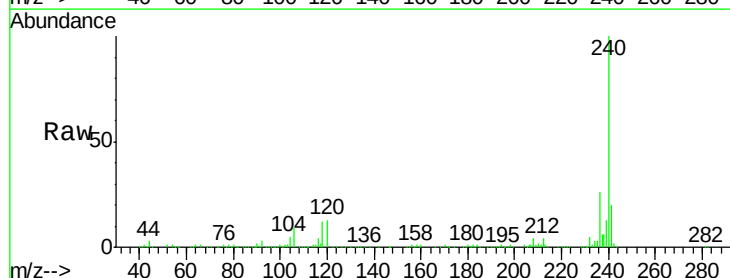


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

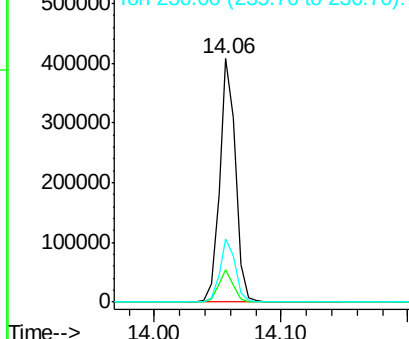
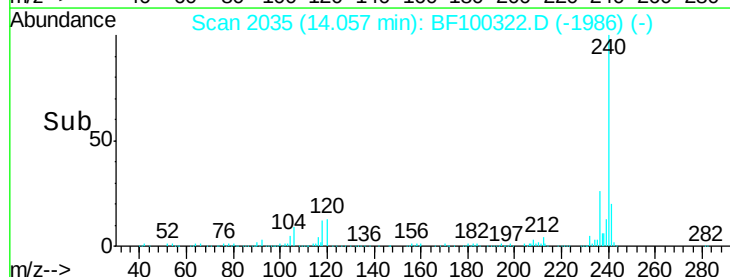


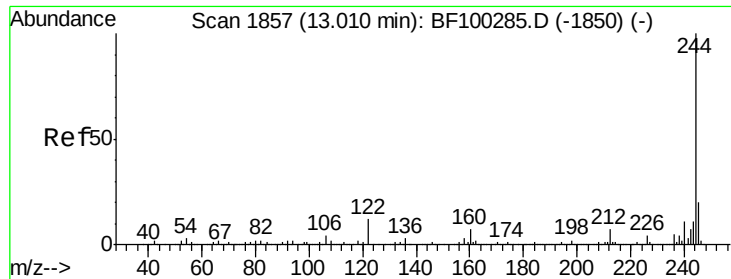
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF100322.D
Acq: 9 Nov 2017 5:29

Tgt Ion:240 Resp: 355863
Ion Ratio Lower Upper
240 100
120 13.3 9.5 14.3
236 25.9 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

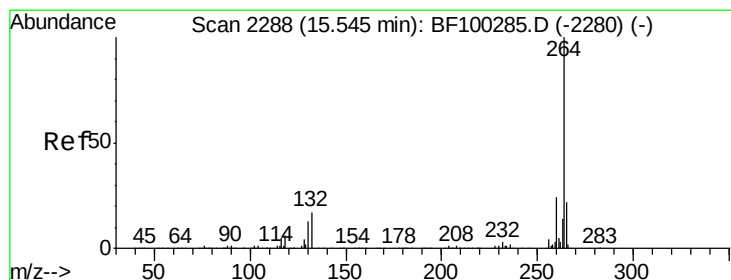
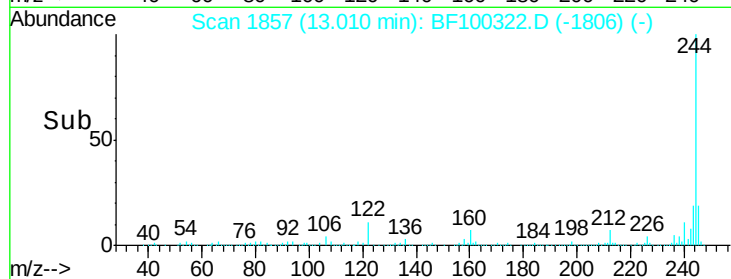
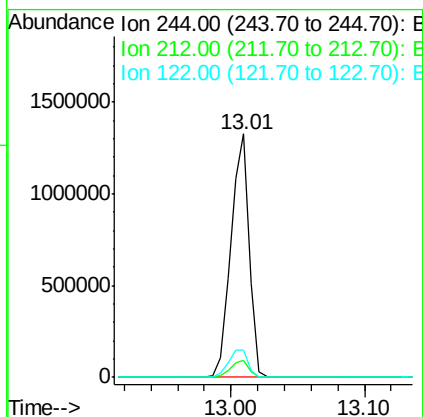
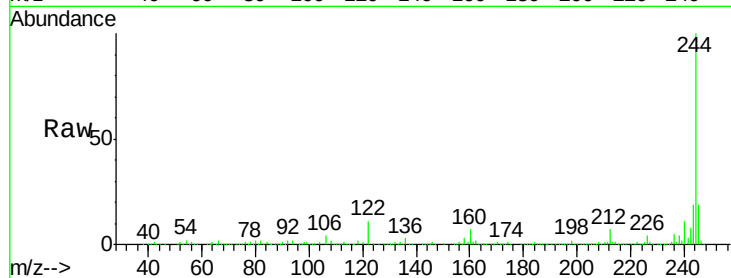




#78
 Terphenyl-d14
 Concen: 82.48 ng
 RT: 13.01 min Scan# 1857
 Delta R.T. -0.00 min
 Lab File: BF100322.D
 Acq: 9 Nov 2017 5:29

Tot Ion:244 Resp: 1277476

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.2	11.0	16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. -0.01 min
 Lab File: BF100322.D
 Acq: 9 Nov 2017 5:29

Tgt Ion:264 Resp: 338370

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.0	17.5	26.3

