

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110817\
 Data File : BF100300.D
 Acq On : 8 Nov 2017 19:10
 Operator : SJ/JU
 Sample : I6358-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

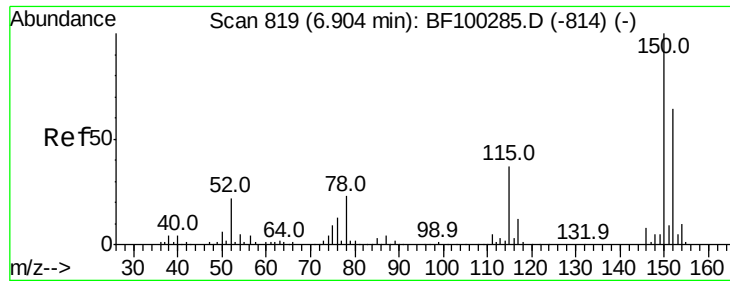
Quant Time: Nov 09 00:11:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 08 14:33:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	202838	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	798659	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	360952	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	590128	20.00	ng	0.00
75) Chrysene-d12	14.06	240	394256	20.00	ng	0.00
86) Perylene-d12	15.54	264	410129	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	702598	55.52	ng	0.00
7) Phenol-d6	6.52	99	553054	35.44	ng	0.00
23) Nitrobenzene-d5	7.46	82	1073194	88.84	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	393717	107.04	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1853260	78.18	ng	0.00
78) Terphenyl-d14	13.02	244	1415008	82.47	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.53	94	38066	2.324	ng	98
25) Isophorone	7.46	82	1071716	42.218	ng	# 64
26) 2-Nitrophenol	7.76	139	127	5.398	ng	# 34
32) Benzoic acid	7.87	122	655	9.431	ng	92
47) 2-Nitroaniline	9.49	65	485	2.852	ng	# 43
49) Dimethylphthalate	9.65	163	188254	6.831	ng	99
50) 2,6-Dinitrotoluene	9.69	165	12867	2.359	ng	# 32
53) 2,4-Dinitrophenol	10.15	184	222	7.943	ng	# 64
56) 2,4-Dinitrotoluene	9.94	165	50846	7.388	ng	# 25
62) Azobenzene	10.65	77	137650	5.299	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.55	198	680	8.757	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.04	149	168902	11.205	ng	99

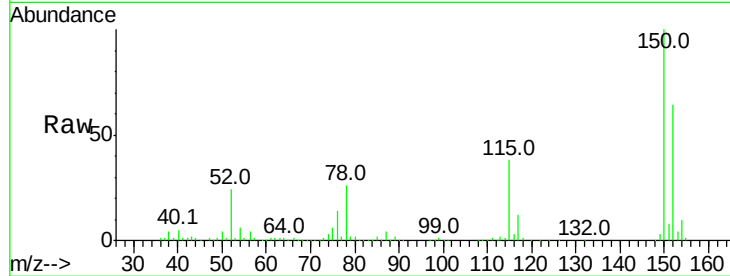
(#) = qualifier out of range (m) = manual integration (+) = signals summed



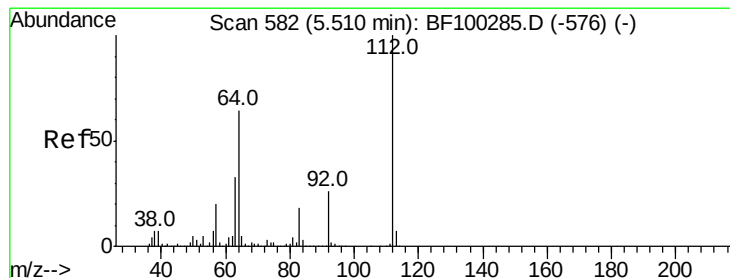
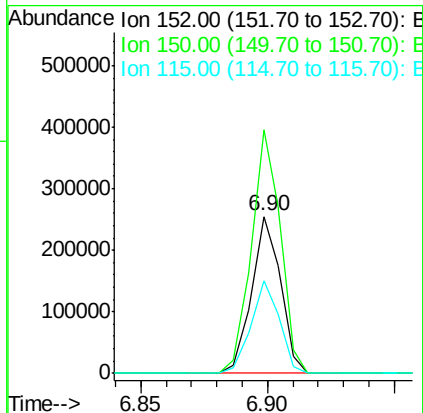
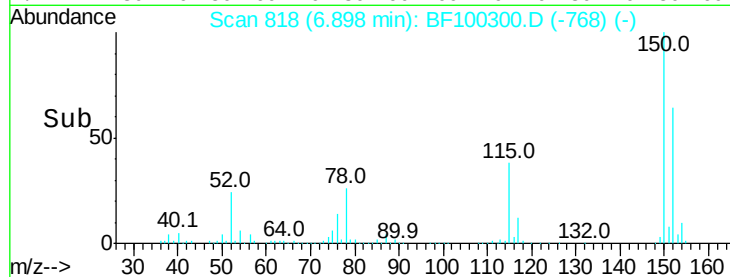
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100300.D
Acq: 8 Nov 2017 19:10

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	59.2	50.1	75.1



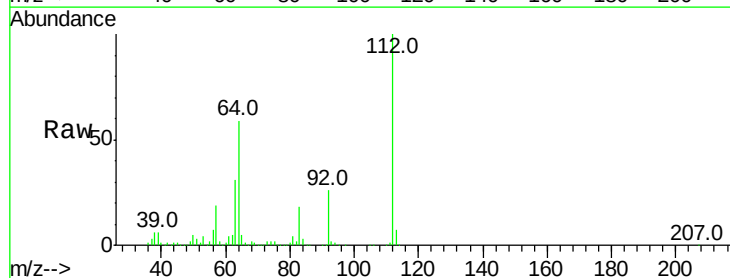
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



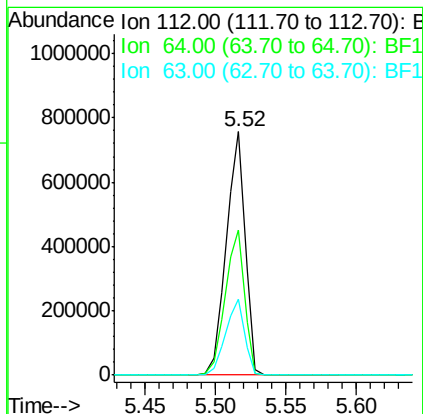
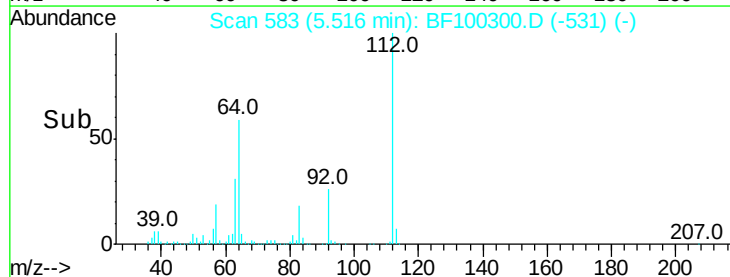
#5

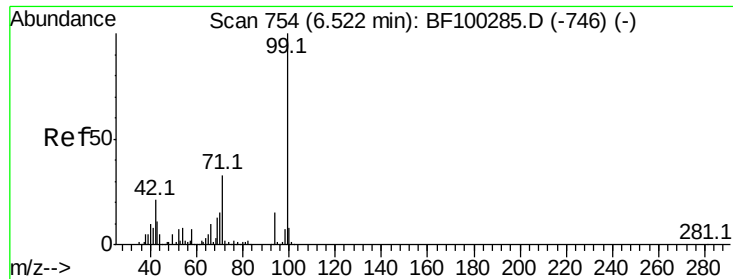
2-Fluorophenol
Concen: 55.525 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF100300.D
Acq: 8 Nov 2017 19:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.9	71.9
63	31.0	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: 35.444 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100300.D

Acq: 8 Nov 2017 19:10

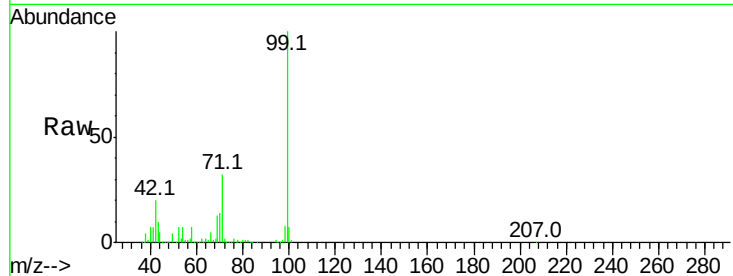
Tot Ion: 99 Resp: 553054

Ion Ratio Lower Upper

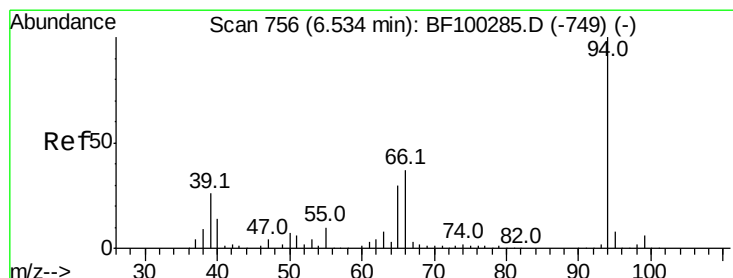
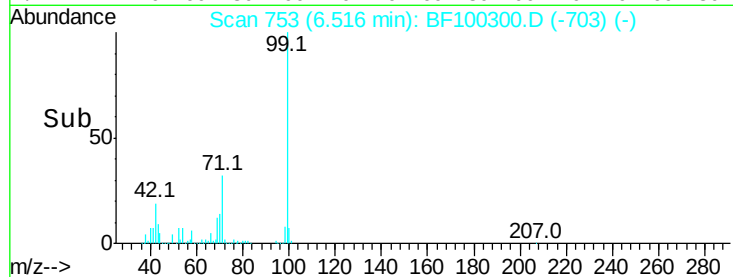
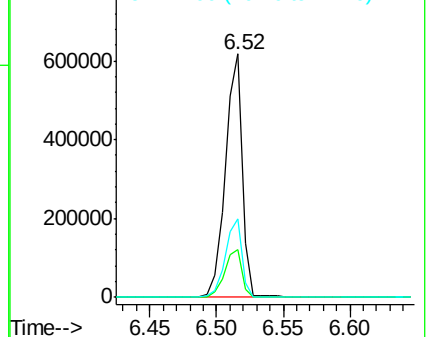
99 100

42 19.5 14.5 21.7

71 32.4 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



#10

Phenol

Concen: 2.324 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF100300.D

Acq: 8 Nov 2017 19:10

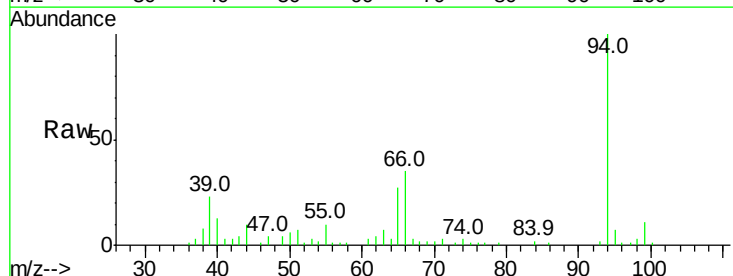
Tgt Ion: 94 Resp: 38066

Ion Ratio Lower Upper

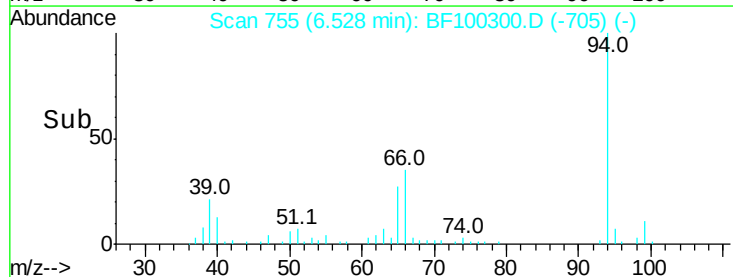
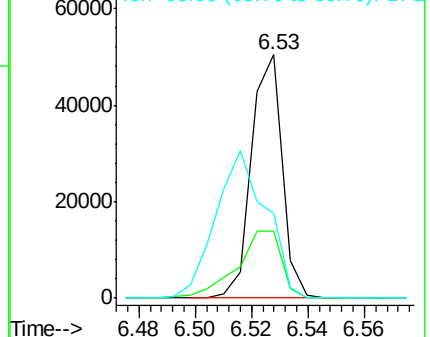
94 100

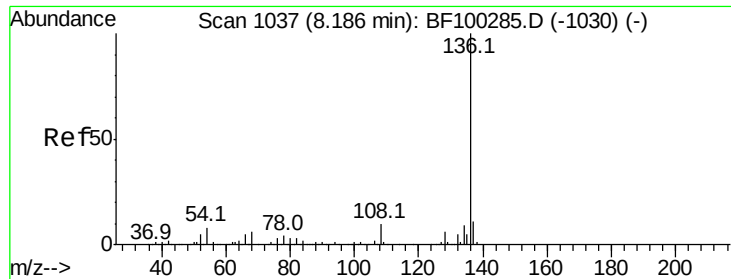
65 27.4 7.9 47.9

66 34.9 16.2 56.2



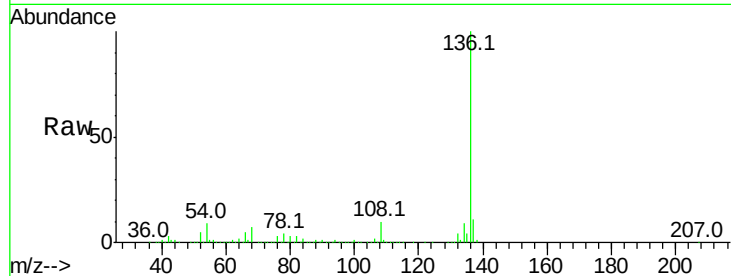
Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



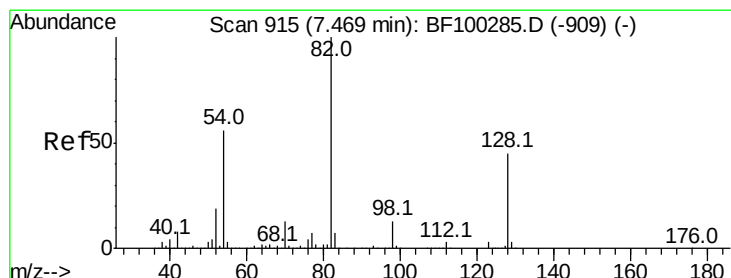
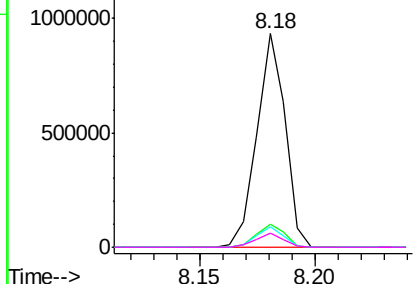
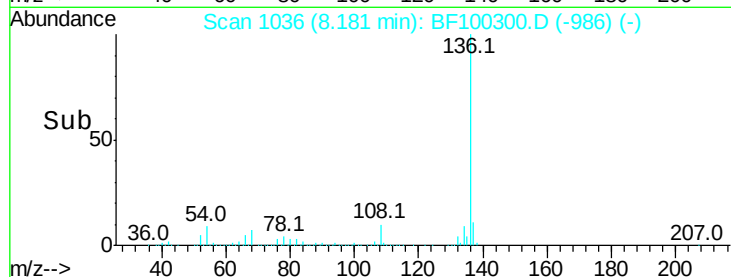


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100300.D
Acq: 8 Nov 2017 19:10

Tot Ion:136	Resp:	798659
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.9	13.3
54 9.4	6.6	9.8
68 6.5	5.0	7.4

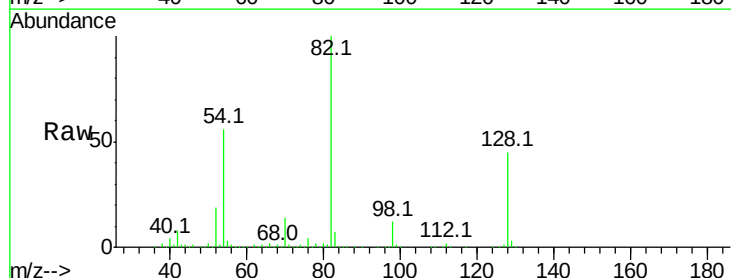


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

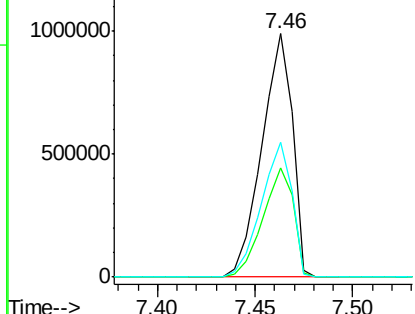
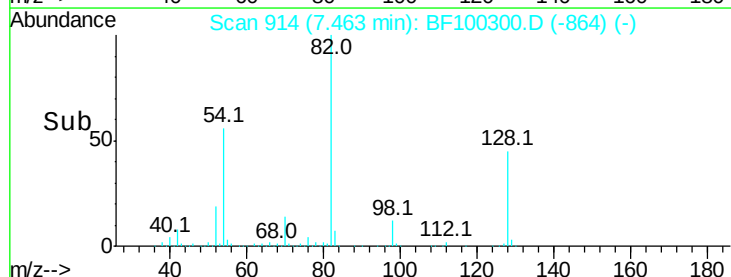


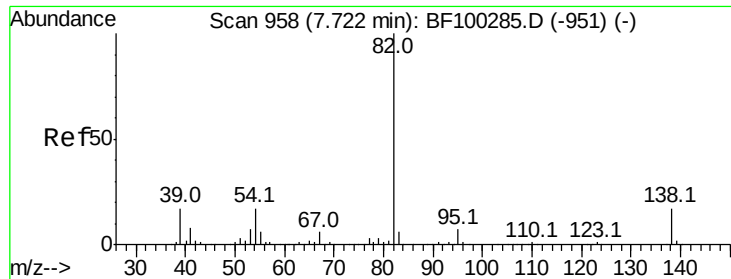
#23
Nitrobenzene-d5
Concen: 88.839 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100300.D
Acq: 8 Nov 2017 19:10

Tgt Ion: 82	Resp:	1073194
Ion Ratio	Lower	Upper
82 100		
128 44.7	36.1	54.1
54 55.5	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: 42.218 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.26 min

Lab File: BF100300.D

Acq: 8 Nov 2017 19:10

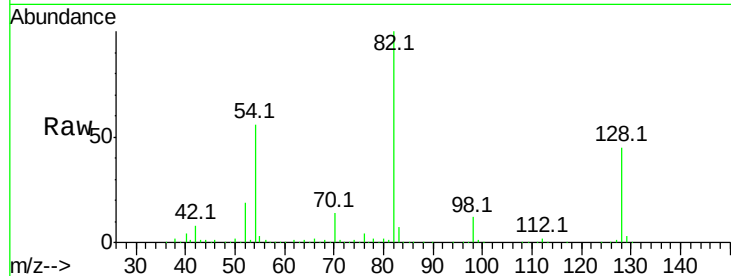
Tot Ion: 82 Resp: 1071716

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

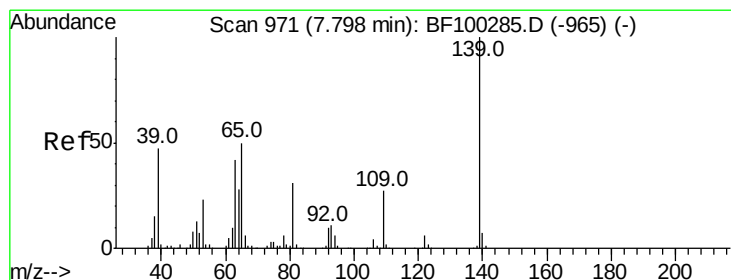
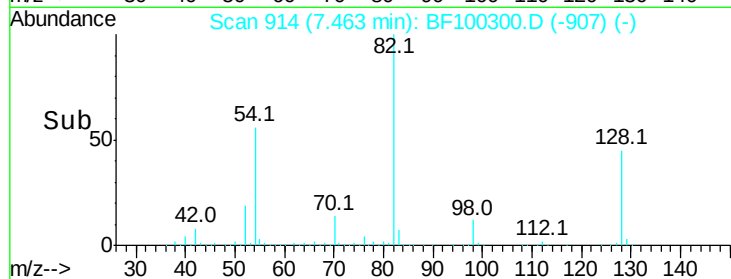
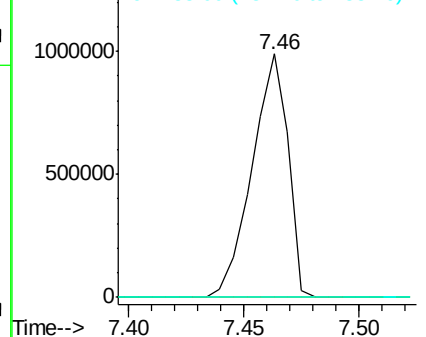
138 0.0 14.9 22.3#



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



#26

2-Nitrophenol

Concen: 5.398 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.04 min

Lab File: BF100300.D

Acq: 8 Nov 2017 19:10

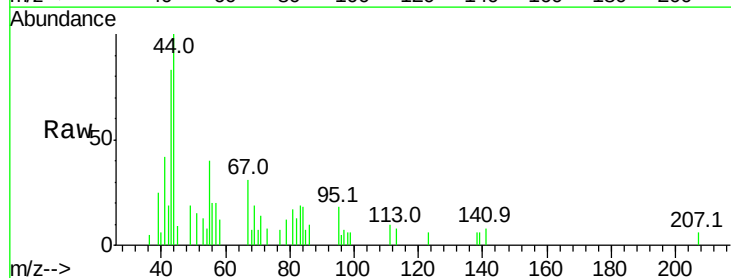
Tgt Ion: 139 Resp: 127

Ion Ratio Lower Upper

139 100

109 0.0 22.7 34.1#

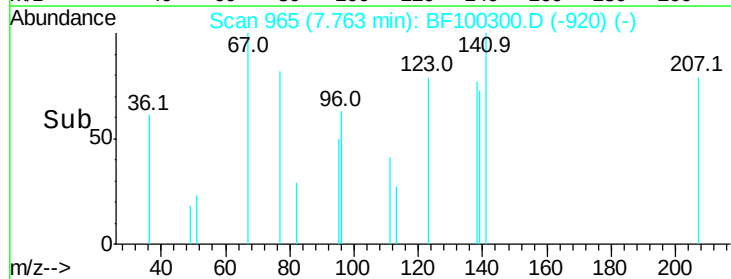
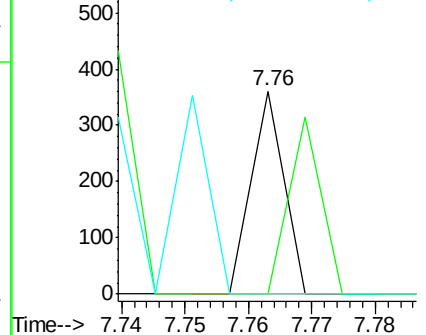
65 0.0 40.5 60.7#

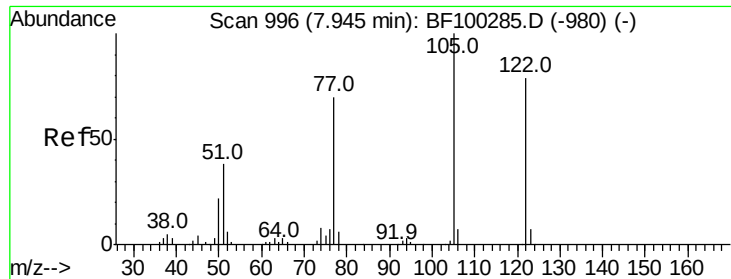


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

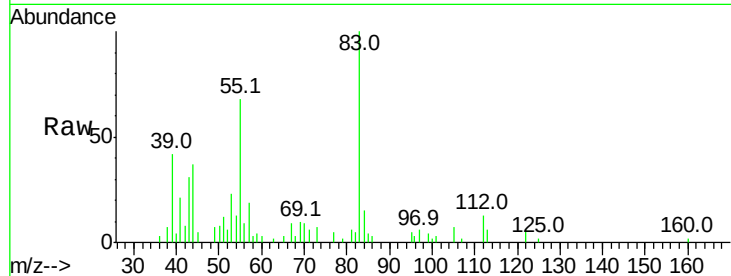
Ion 65.00 (64.70 to 65.70): BF1



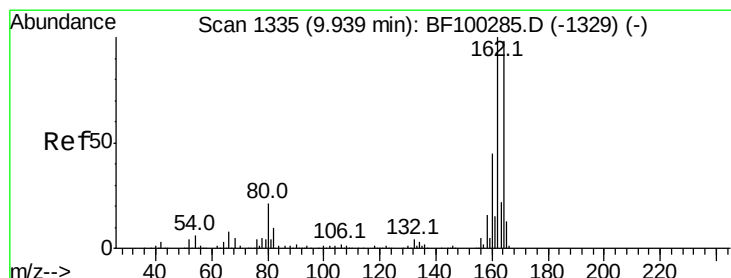
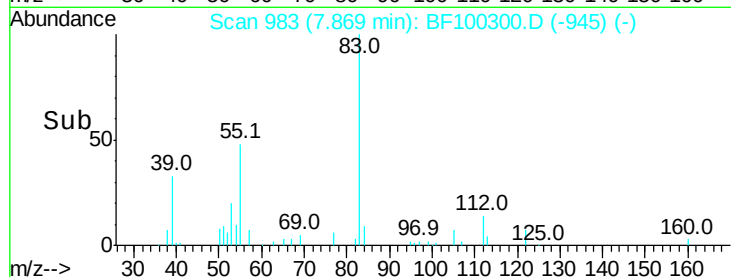
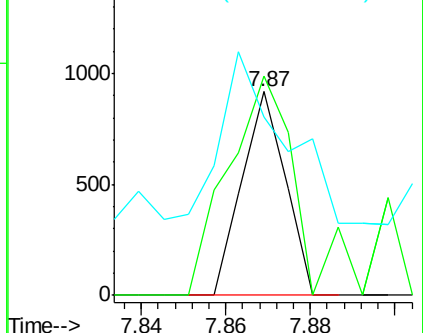


#32
Benzoic acid
Concen: 9.431 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.08 min
Lab File: BF100300.D
Acq: 8 Nov 2017 19:10

Tot Ion:122 Resp: 655
Ion Ratio Lower Upper
122 100
105 108.0 101.1 141.1
77 87.7 70.7 110.7

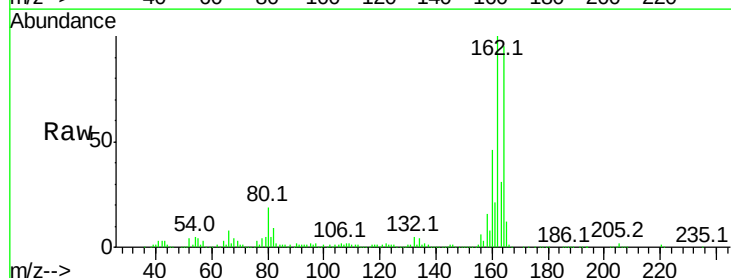


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

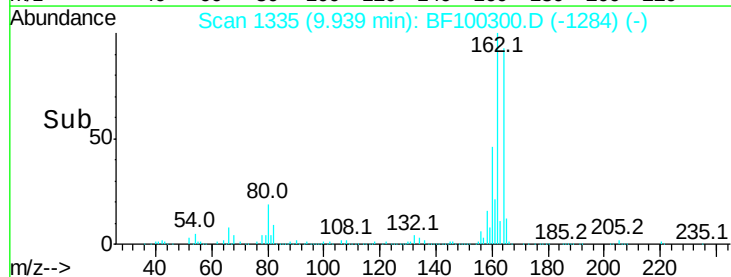
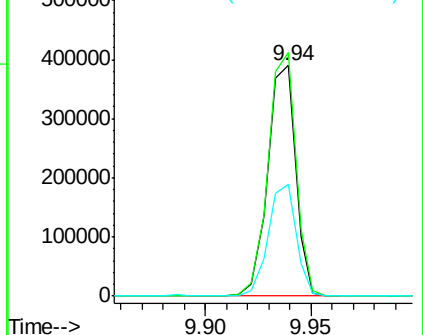


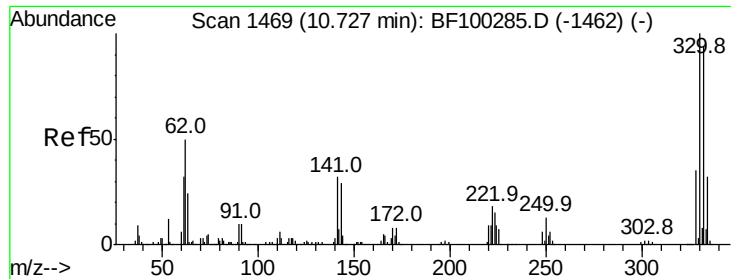
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF100300.D
Acq: 8 Nov 2017 19:10

Tgt Ion:164 Resp: 360952
Ion Ratio Lower Upper
164 100
162 105.7 86.1 129.1
160 48.6 38.3 57.5



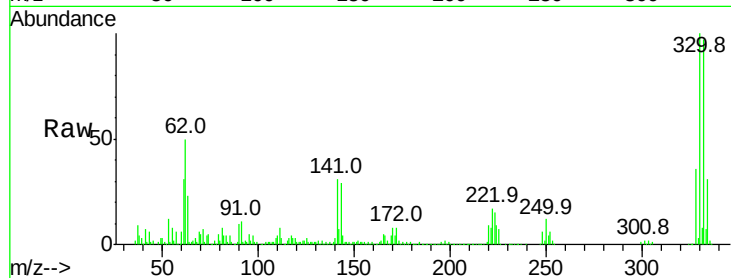
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



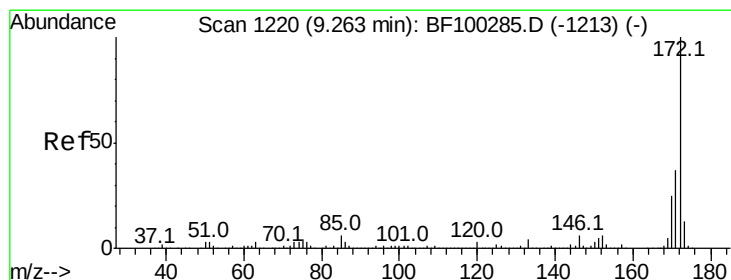
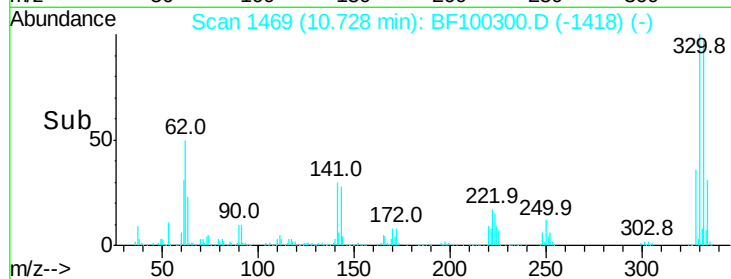
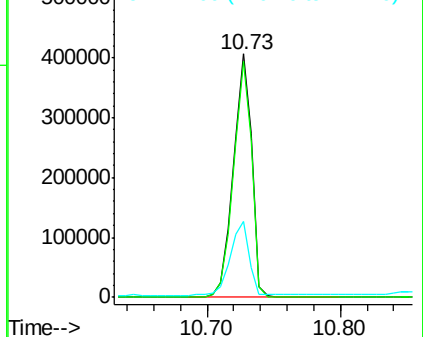


#41
 2,4,6-Tribromophenol
 Concen: 107.044 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: BF100300.D
 Acq: 8 Nov 2017 19:10

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	31.3	29.9	44.9

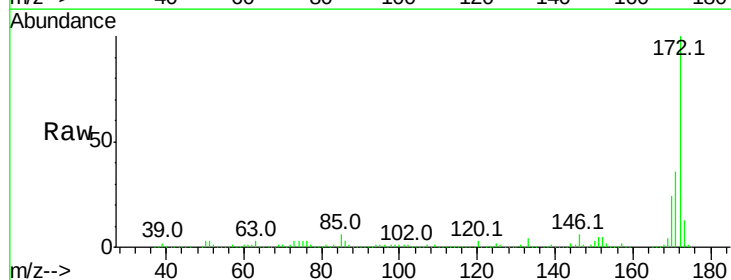


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

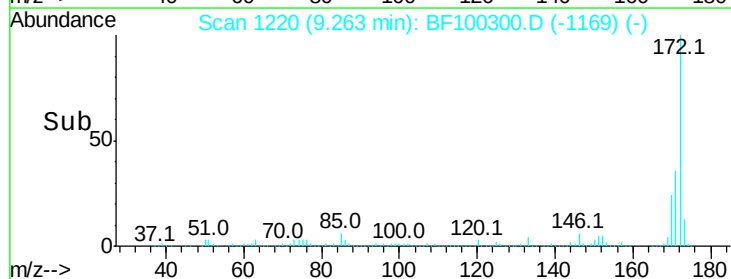
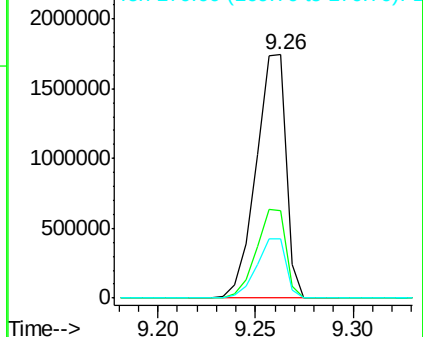


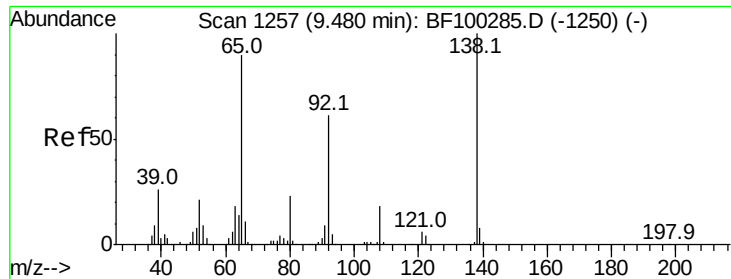
#44
 2-Fluorobiphenyl
 Concen: 78.182 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BF100300.D
 Acq: 8 Nov 2017 19:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.2	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: 2.852 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.01 min

Lab File: BF100300.D

Acq: 8 Nov 2017 19:10

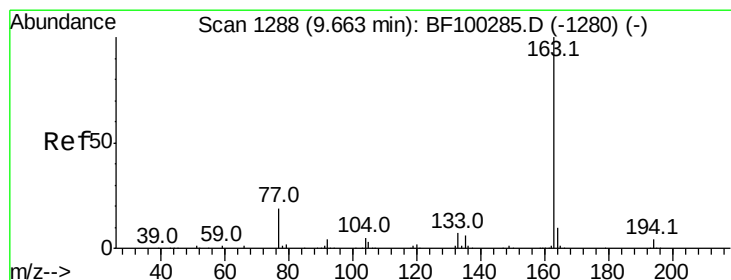
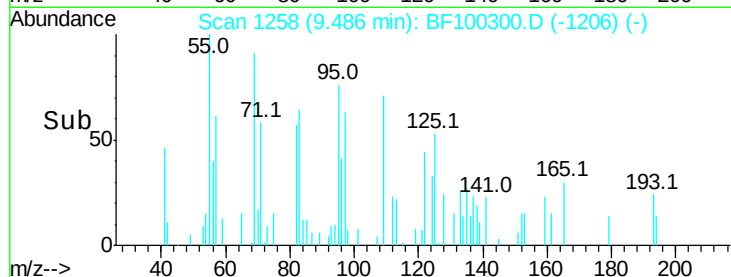
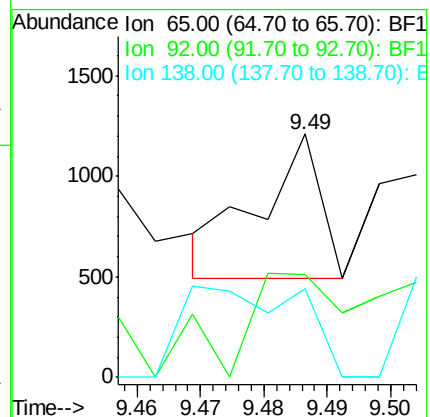
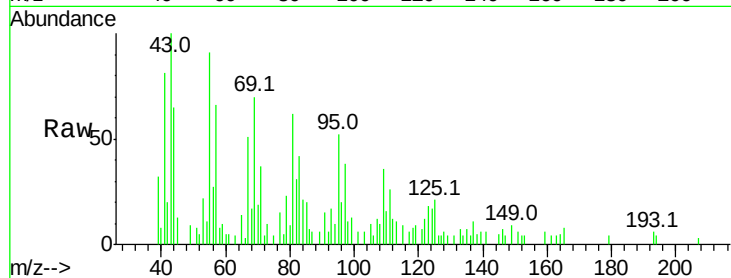
Tot Ion: 65 Resp: 485

Ion Ratio Lower Upper

65 100

92 42.4 55.8 83.6#

138 36.3 91.2 136.8#



#49

Dimethylphthalate

Concen: 6.831 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BF100300.D

Acq: 8 Nov 2017 19:10

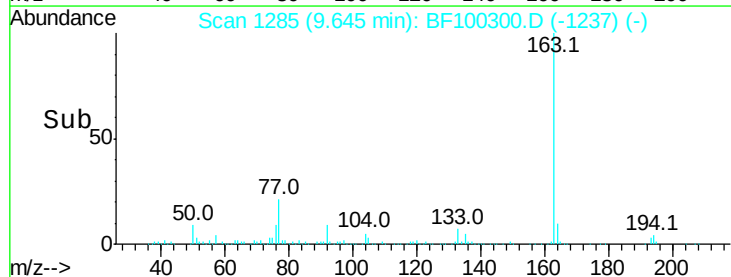
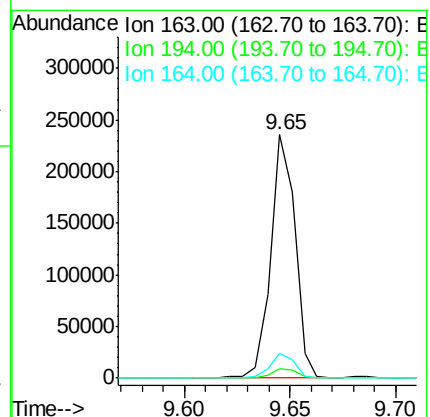
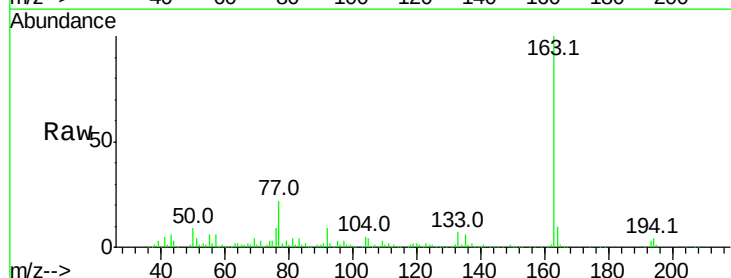
Tgt Ion:163 Resp: 188254

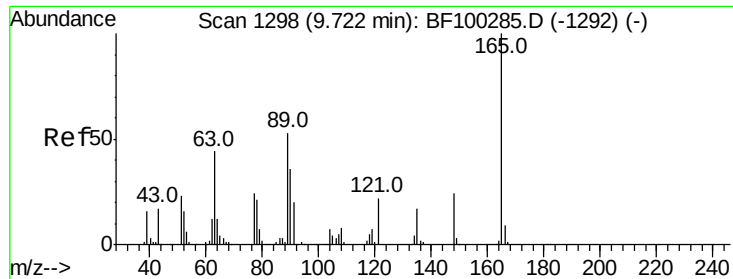
Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

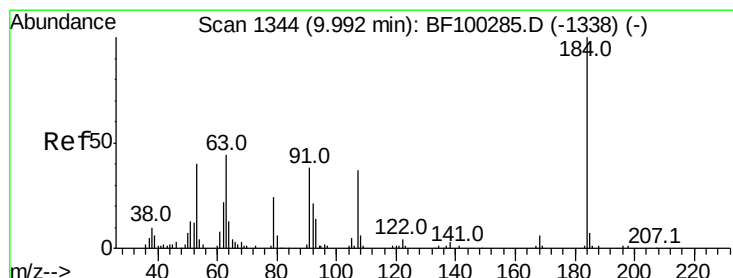
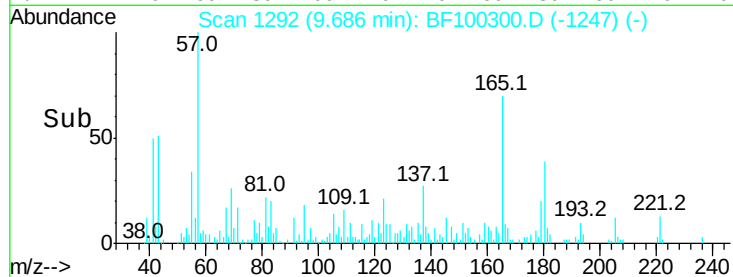
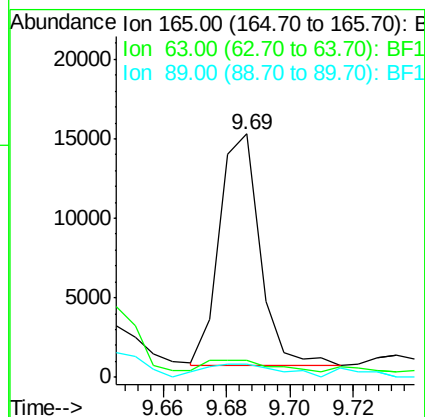
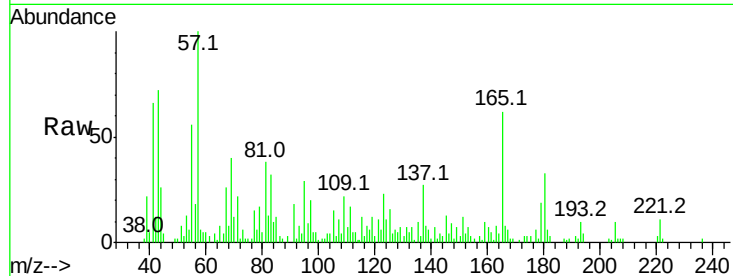
164 10.2 8.2 12.2





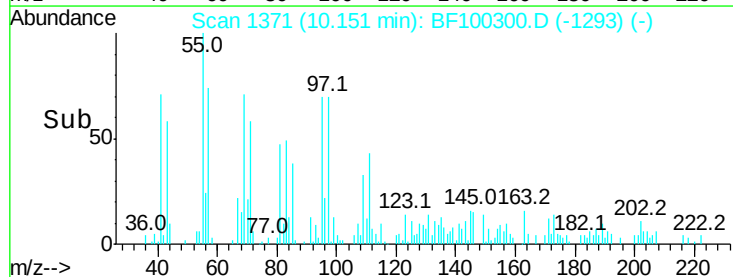
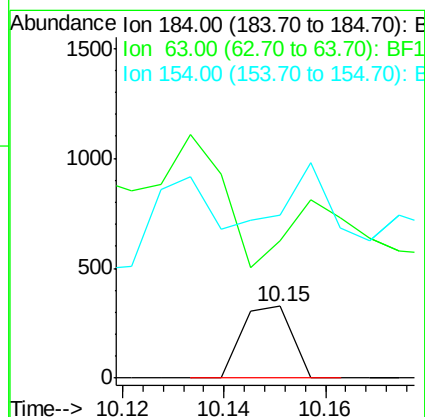
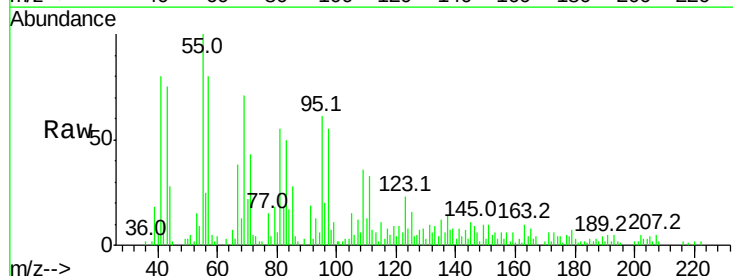
#50
2,6-Dinitrotoluene
Concen: 2.359 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.04 min
Lab File: BF100300.D
Acq: 8 Nov 2017 19:10

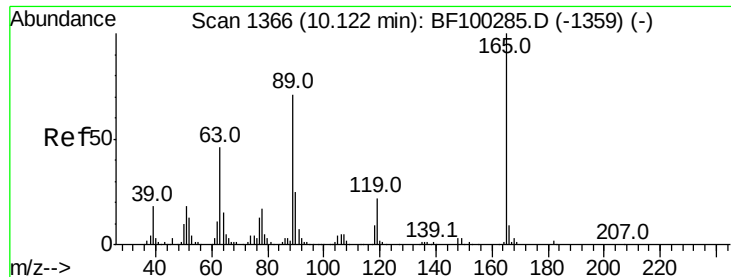
Tot Ion	Ratio	Lower	Upper
165	100		
63	7.1	44.7	67.1#
89	5.3	44.0	66.0#



#53
2,4-Dinitrophenol
Concen: 7.943 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.16 min
Lab File: BF100300.D
Acq: 8 Nov 2017 19:10

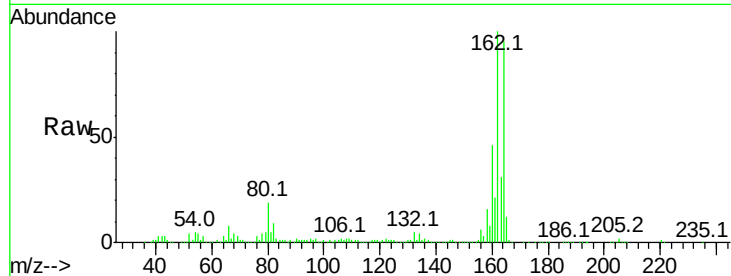
Tgt Ion	Ratio	Lower	Upper
184	100		
63	191.4	54.2	81.2#
154	227.9	184.0	276.0





#56
 2,4-Dinitrotoluene
 Concen: 7.388 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.18 min
 Lab File: BF100300.D
 Acq: 8 Nov 2017 19:10

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.5	36.4	54.6#
89	2.4	57.8	86.6#
182	0.0	1.6	2.4#

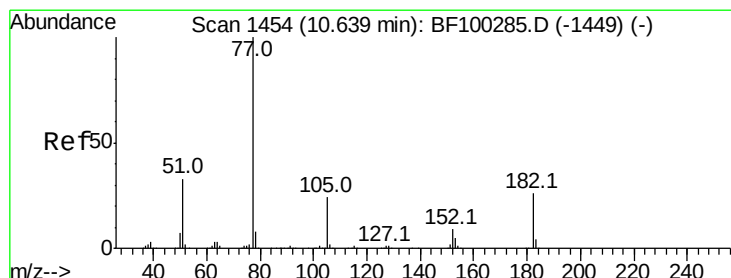
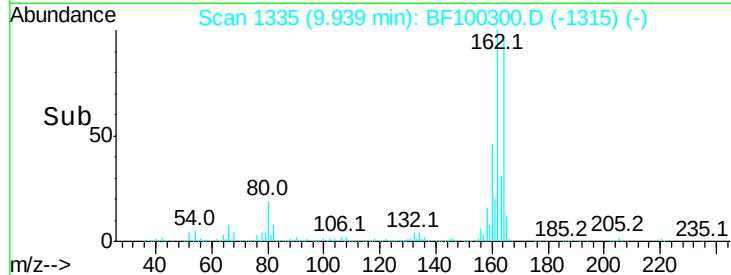
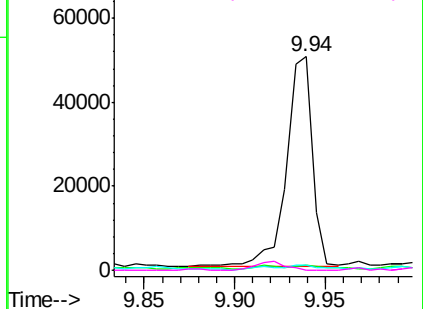


Abundance Ion 165.00 (164.70 to 165.70): E

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



#62
 Azobenzene
 Concen: 5.299 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. 0.01 min
 Lab File: BF100300.D
 Acq: 8 Nov 2017 19:10

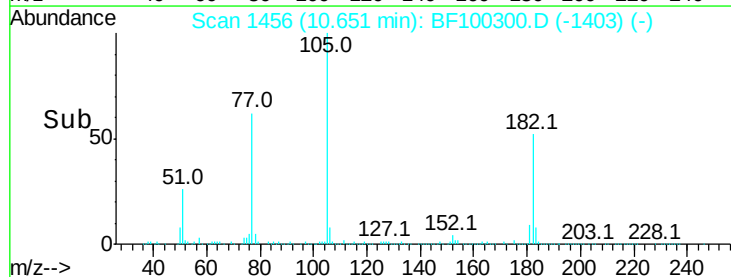
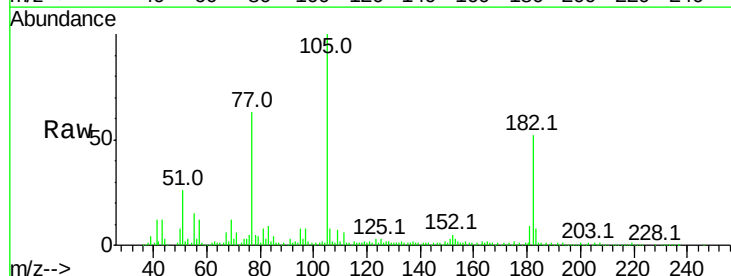
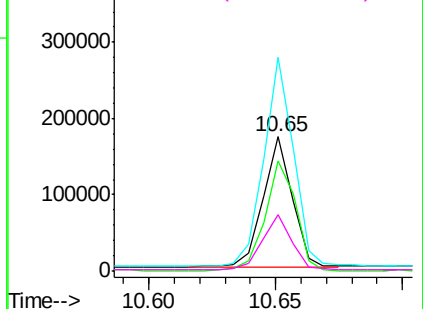
Tgt Ion	Ratio	Lower	Upper
77	100		
182	82.0	1.7	41.7#
105	159.0	3.0	43.0#
51	41.8	9.9	49.9

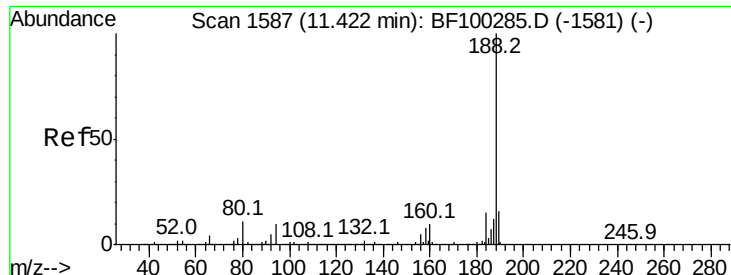
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BF100300.D

Acq: 8 Nov 2017 19:10

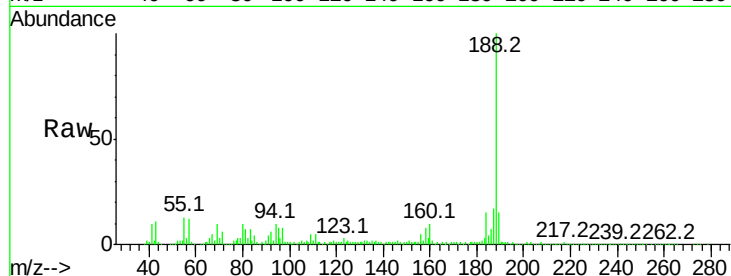
Tot Ion:188 Resp: 590128

Ion Ratio Lower Upper

188 100

94 9.9 8.5 12.7

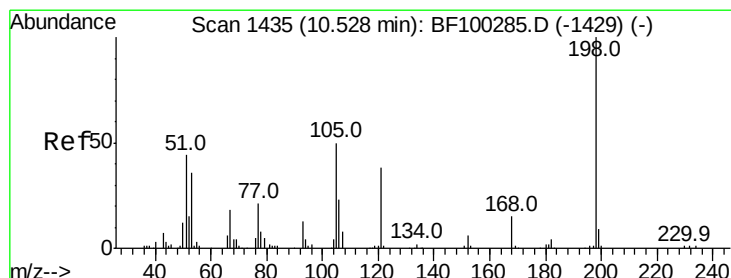
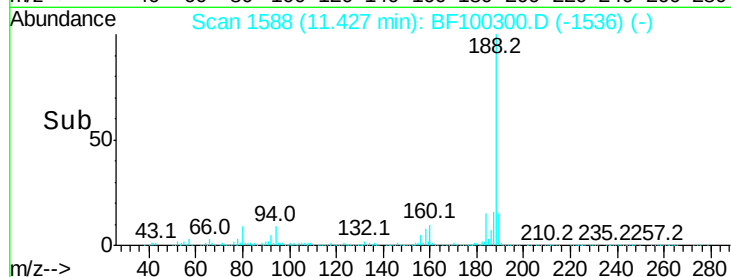
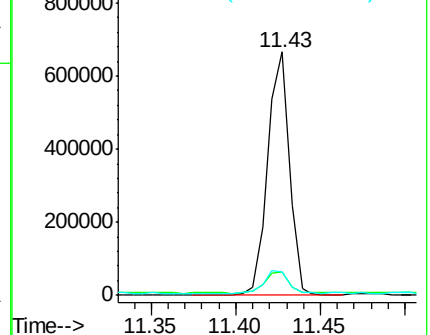
80 9.8 9.2 13.8



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: 8.757 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.02 min

Lab File: BF100300.D

Acq: 8 Nov 2017 19:10

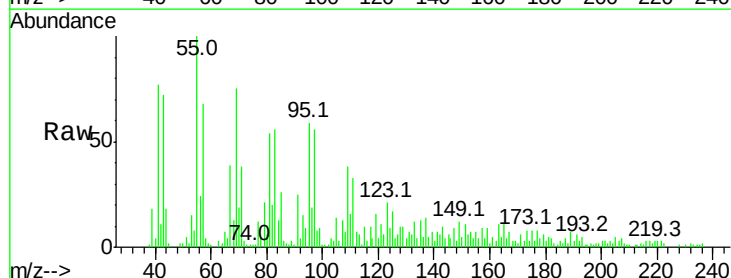
Tgt Ion:198 Resp: 680

Ion Ratio Lower Upper

198 100

51 284.4 37.7 77.7#

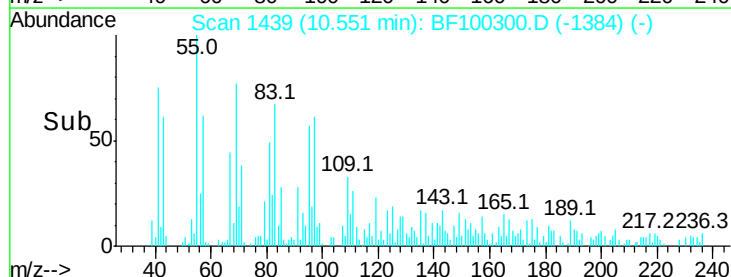
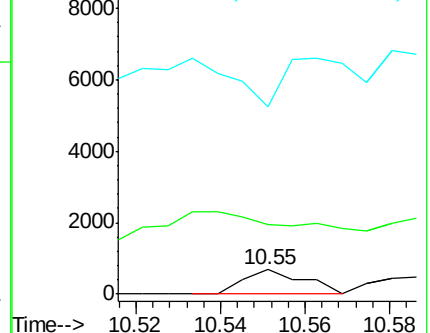
105 773.9 36.3 76.3#

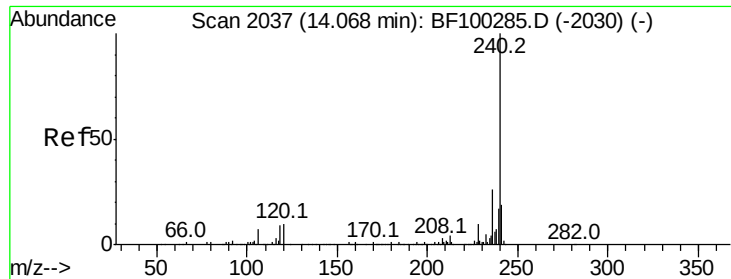


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF100300.D

Acq: 8 Nov 2017 19:10

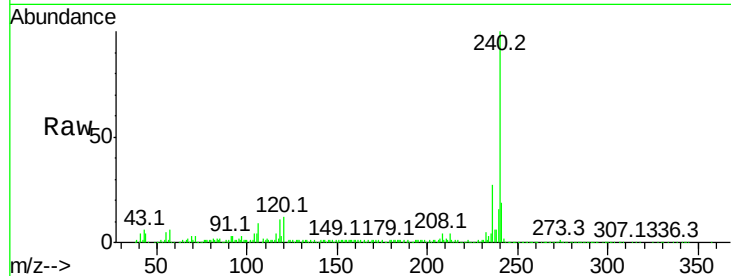
Tot Ion:240 Resp: 394256

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	26.8	20.7	31.1

240 100

120 11.8 9.5 14.3

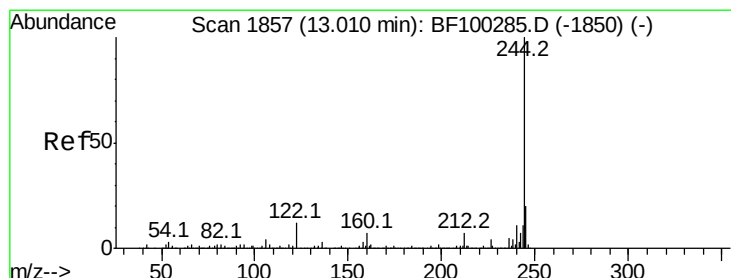
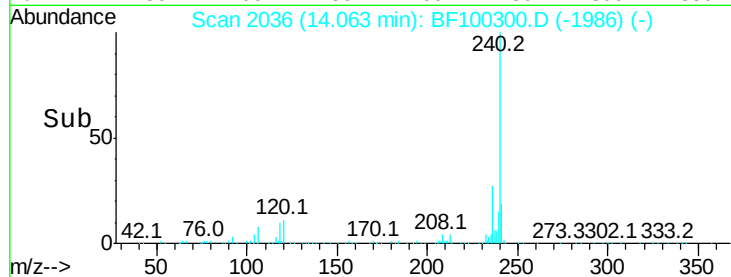
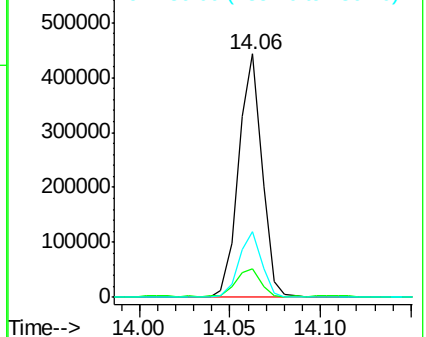
236 26.8 20.7 31.1



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: 82.466 ng

RT: 13.02 min Scan# 1858

Delta R.T. 0.01 min

Lab File: BF100300.D

Acq: 8 Nov 2017 19:10

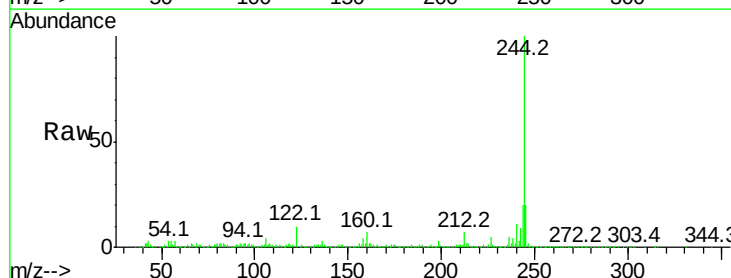
Tgt Ion:244 Resp: 1415008

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	10.2	11.0	16.4

244 100

212 7.2 5.4 8.0

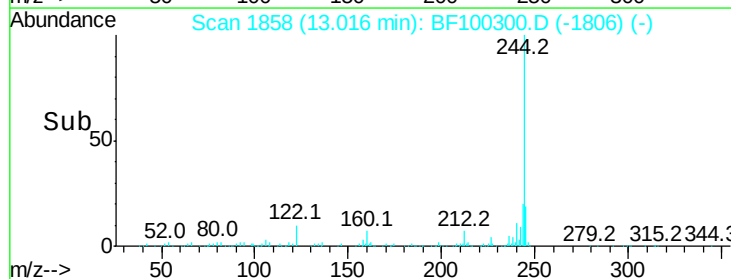
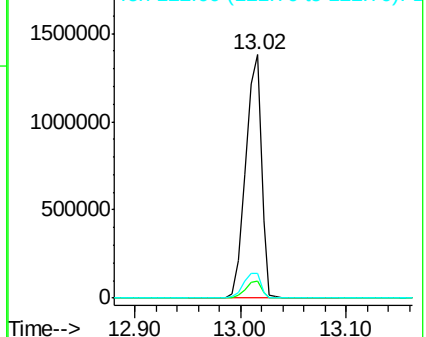
122 10.2 11.0 16.4

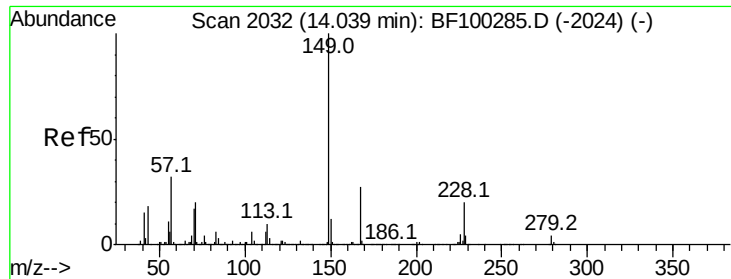


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

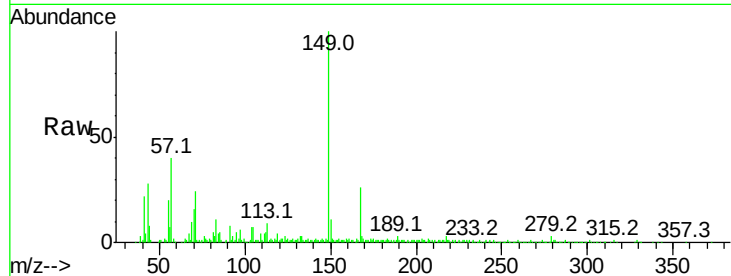
Ion 122.00 (121.70 to 122.70): E



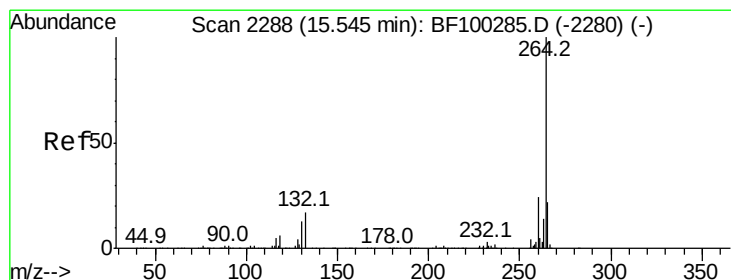
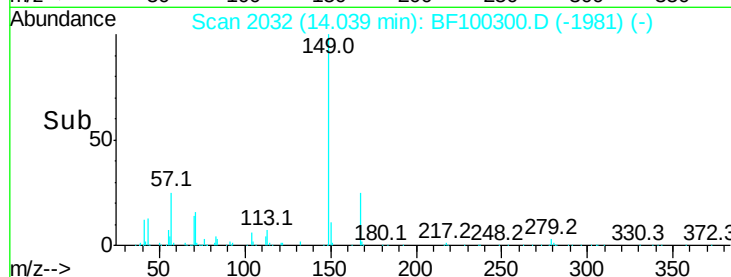
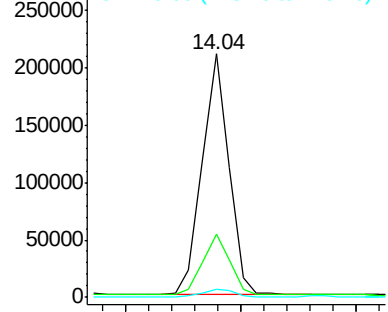


#83
 Bis(2-ethylhexyl)phthalate
 Concen: 11.205 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BF100300.D
 Acq: 8 Nov 2017 19:10

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.3	31.9
279	3.4	3.0	4.4

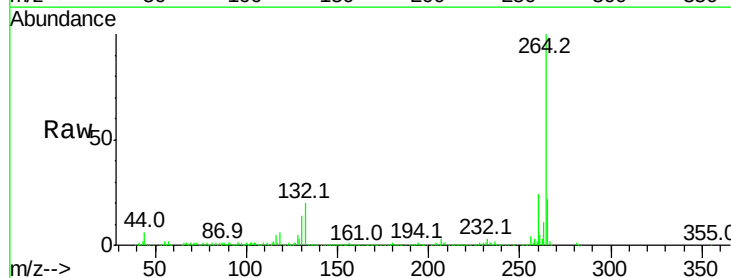


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. -0.01 min
 Lab File: BF100300.D
 Acq: 8 Nov 2017 19:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.0	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

