

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110817\
 Data File : BF100294.D
 Acq On : 8 Nov 2017 16:28
 Operator : SJ/JU
 Sample : I6341-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 08 17:13:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 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	186002	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	741885	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	358057	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	693191	20.00	ng	0.00
75) Chrysene-d12	14.06	240	503405	20.00	ng	-0.01
86) Perylene-d12	15.54	264	400061	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	642482	55.37	ng	0.00
7) Phenol-d6	6.51	99	515671	36.04	ng	-0.01
23) Nitrobenzene-d5	7.46	82	1052831	93.82	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	507380	139.06	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2055031	87.39	ng	0.00
78) Terphenyl-d14	13.02	244	2083647	95.10	ng	0.00

Target Compounds				Qvalue		
4) n-Nitrosodimethylamine	3.45	42	127	0.017	ng	# 1
6) Aniline	6.56	93	1737	0.086	ng	# 83
8) 2-Chlorophenol	6.68	128	369	0.030	ng	# 1
9) Benzaldehyde	6.67	77	24685	2.416	ng	# 77
10) Phenol	6.52	94	270	0.018	ng	# 1
11) bis(2-Chloroethyl)ether	6.67	93	1465	0.116	ng	# 1
12) 1,3-Dichlorobenzene	7.06	146	110	0.008	ng	# 1
13) 1,4-Dichlorobenzene	7.06	146	110	0.008	ng	# 1
14) 1,2-Dichlorobenzene	7.06	146	110	0.008	ng	# 1
15) Benzyl Alcohol	7.06	79	16948	1.518	ng	# 44
16) 2,2'-oxybis(1-Chloropropan	7.15	45	293	0.015	ng	# 70
17) 2-Methylphenol	7.05	107	335	0.032	ng	# 1
19) n-Nitroso-di-n-propylamine	7.46	70	142104	14.321	ng	# 83
20) 3+4-Methylphenols	7.35	107	351	0.026	ng	# 20
22) Acetophenone	7.30	105	261	0.014	ng	# 54
24) Nitrobenzene	7.46	77	3052	0.264	ng	# 28
25) Isophorone	7.46	82	1052812	44.647	ng	# 64
27) 2,4-Dimethylphenol	7.84	122	378	0.036	ng	# 4
31) Naphthalene	8.20	128	139	0.004	ng	# 68
32) Benzoic acid	7.84	122	378	9.408	ng	# 82
36) 4-Chloro-3-methylphenol	8.73	107	112	0.010	ng	# 20
45) 1,1'-Biphenyl	9.36	154	4420	0.143	ng	# 93
47) 2-Nitroaniline	9.36	65	250	2.819	ng	# 2
48) Acenaphthylene	9.80	152	129	0.003	ng	# 60
50) 2,6-Dinitrotoluene	9.93	165	46099	8.519	ng	# 26
51) Acenaphthene	9.93	154	1244	0.055	ng	# 4
52) 3-Nitroaniline	9.63	138	275	0.043	ng	# 2
54) Dibenzofuran	10.14	168	110	0.003	ng	# 3
55) 4-Nitrophenol	10.14	139	120	0.023	ng	# 9
56) 2,4-Dinitrotoluene	9.93	165	46099	6.753	ng	# 23
57) Fluorene	10.73	166	21292	0.916	ng	# 83
59) Diethylphthalate	10.35	149	12849	0.470	ng	# 97
61) 4-Nitroaniline	10.35	138	1092	0.180	ng	# 19
62) Azobenzene	10.65	77	1692	0.066	ng	# 1

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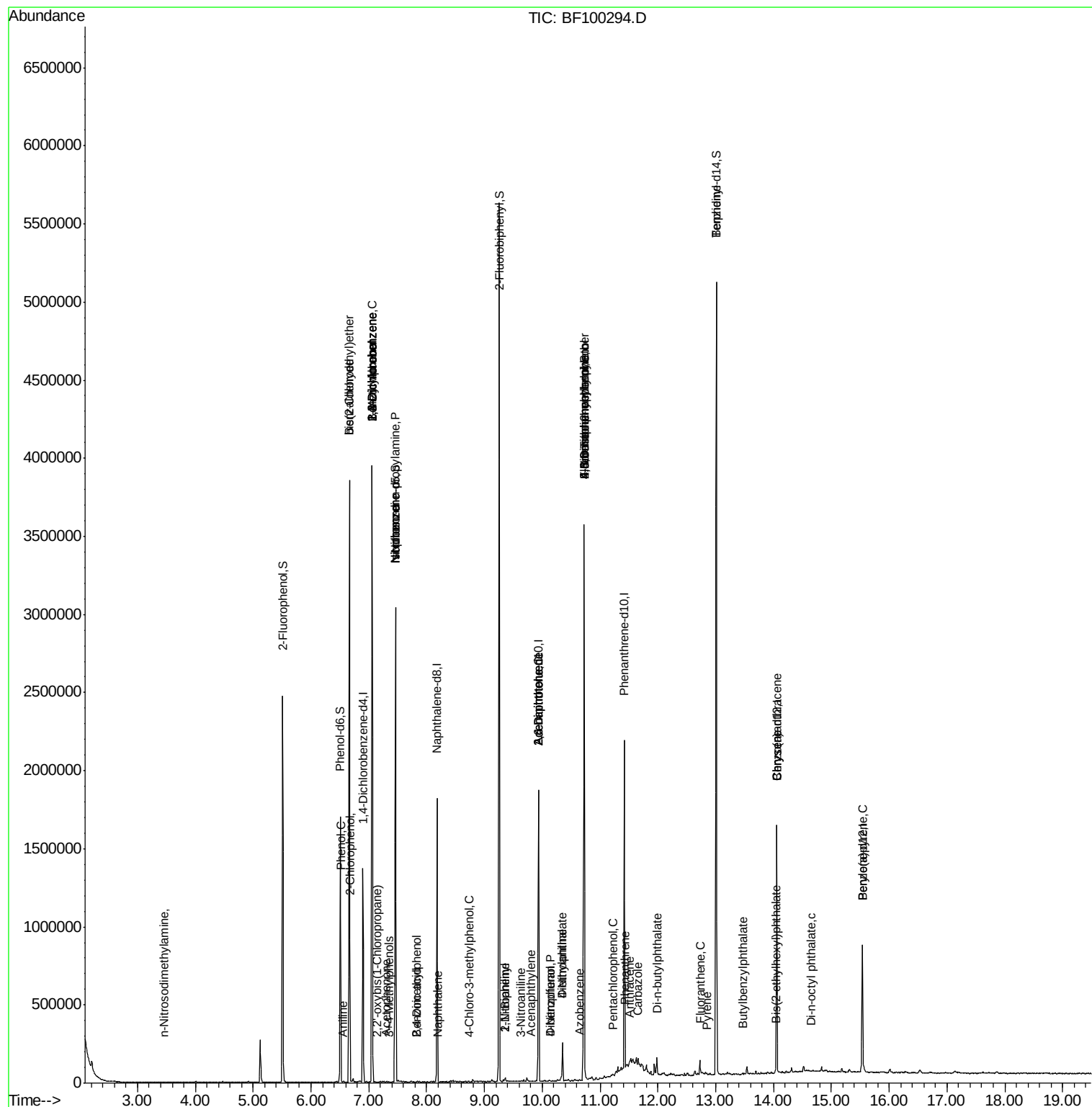
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	

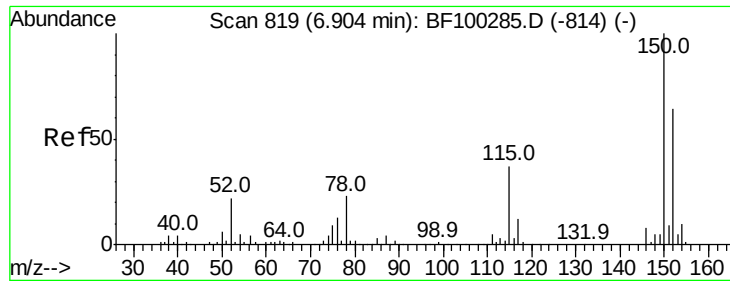
64) 4,6-Dinitro-2-methylphenol	10.73	198	1475	8.916	nq	#	1
65) n-Nitrosodiphenylamine	10.73	169	15763	0.654	nq	#	47
66) 4-Bromophenyl-phenylether	10.73	248	31238	4.204	nq	#	1
69) Pentachlorophenol	11.22	266	436	0.078	nq	#	72
70) Phenanthrene	11.44	178	1871	0.051	nq	#	50
71) Anthracene	11.50	178	1309	0.035	nq	#	60
72) Carbazole	11.65	167	725	0.021	nq	#	1
73) Di-n-butylphthalate	11.98	149	19631	0.491	nq		99
74) Fluoranthene	12.74	202	107	0.003	nq		62
76) Benzydine	13.02	184	28002	1.389	nq	#	95
77) Pyrene	12.86	202	745	0.021	nq	#	38
79) Butylbenzylphthalate	13.48	149	1277	0.087	nq	#	15
80) Benzo(a)anthracene	14.06	228	1878	0.062	nq	#	30
82) Chrysene	14.06	228	1878	0.064	nq	#	30
83) Bis(2-ethylhexyl)phthalate	14.03	149	6271	0.326	nq	#	95
84) Di-n-octyl phthalate	14.65	149	163	0.005	nq	#	1
89) Benzo(a)pyrene	15.54	252	1353	0.064	nq	#	21

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

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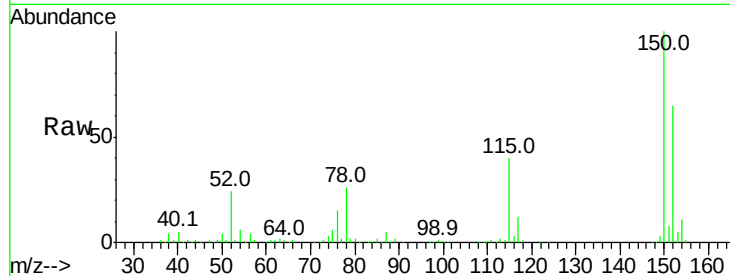




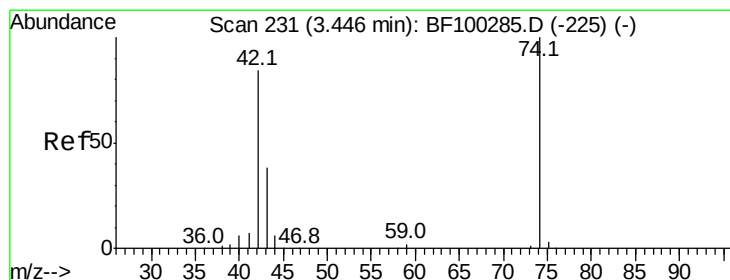
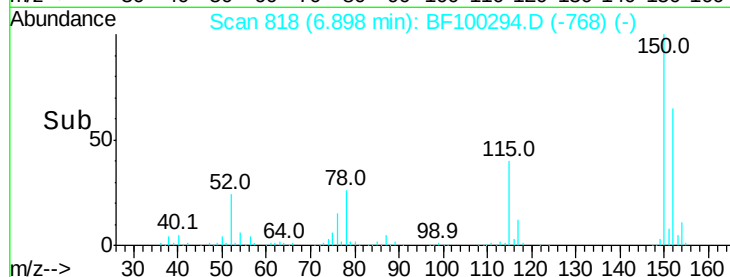
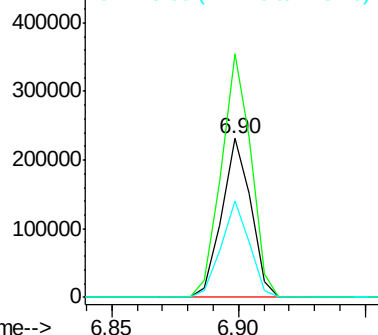
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100294.D
Acq: 8 Nov 2017 16:28

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.6	186.8
115	60.7	50.1	75.1



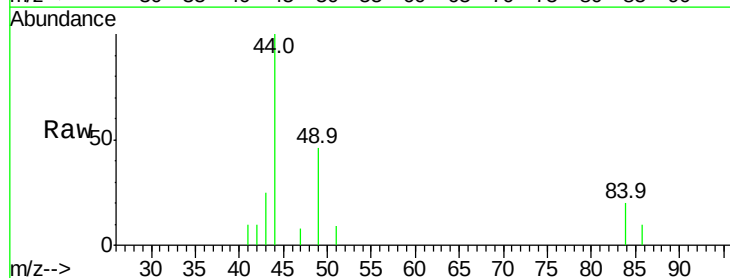
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



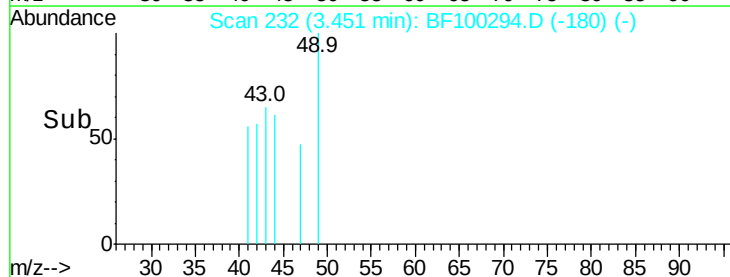
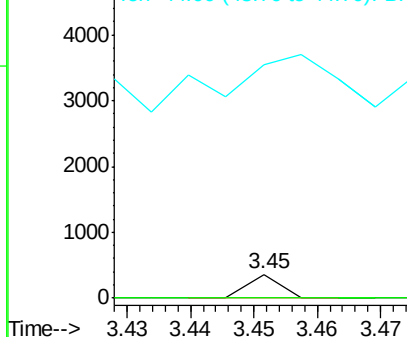
#4

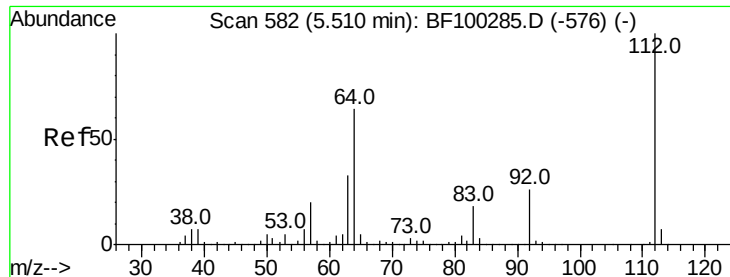
n-Nitrosodimethylamine
Concen: 0.017 ng
RT: 3.45 min Scan# 232
Delta R.T. 0.01 min
Lab File: BF100294.D
Acq: 8 Nov 2017 16:28

Tgt Ion	Ratio	Lower	Upper
42	100		
74	0.0	104.9	157.3#
44	986.4	6.9	10.3#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 55.370 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.00 min

Lab File: BF100294.D

Acq: 8 Nov 2017 16:28

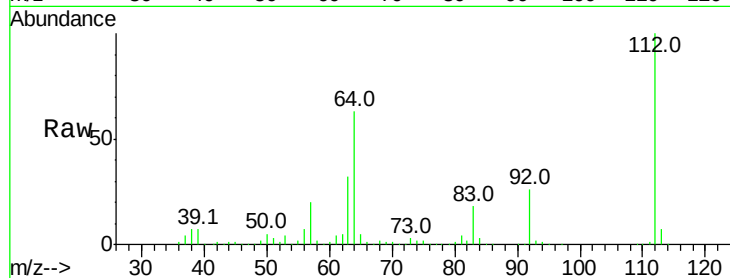
Tot Ion: 112 Resp: 642482

Ion Ratio Lower Upper

112 100

64 62.9 47.9 71.9

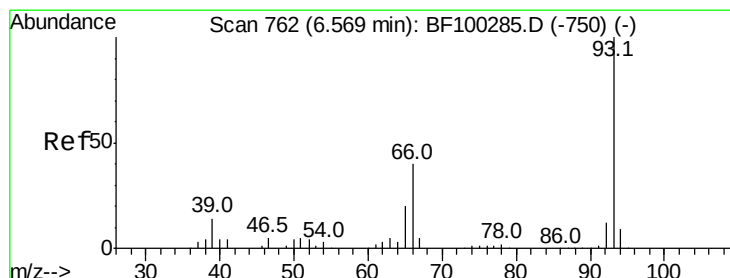
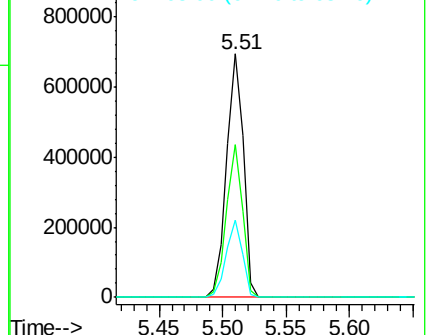
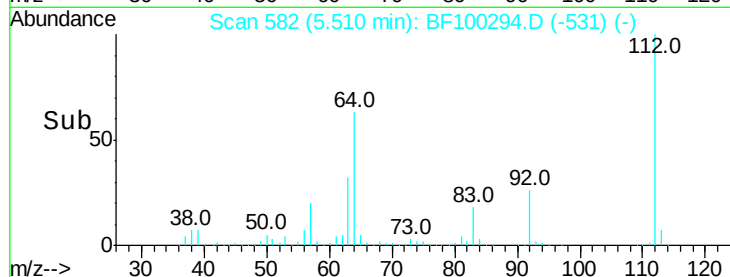
63 31.9 23.7 35.5



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



#6

Aniline

Concen: 0.086 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF100294.D

Acq: 8 Nov 2017 16:28

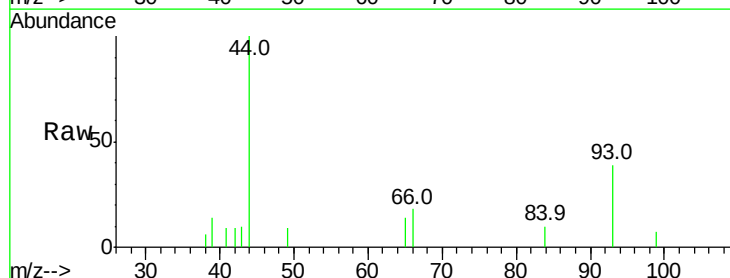
Tgt Ion: 93 Resp: 1737

Ion Ratio Lower Upper

93 100

66 45.8 32.2 48.2

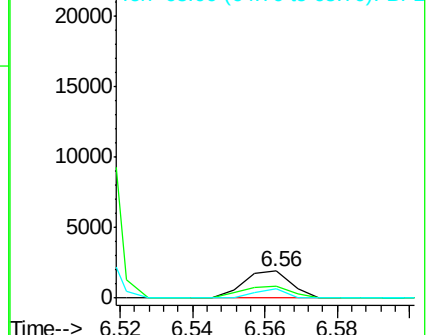
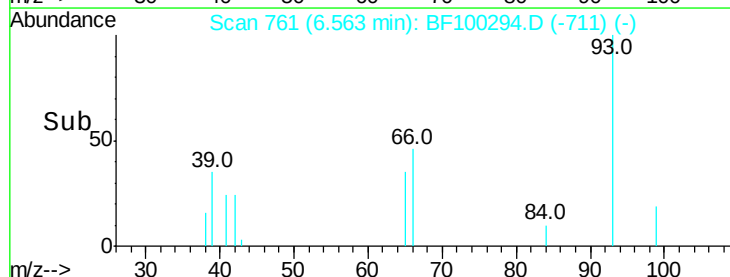
65 35.5 16.4 24.6

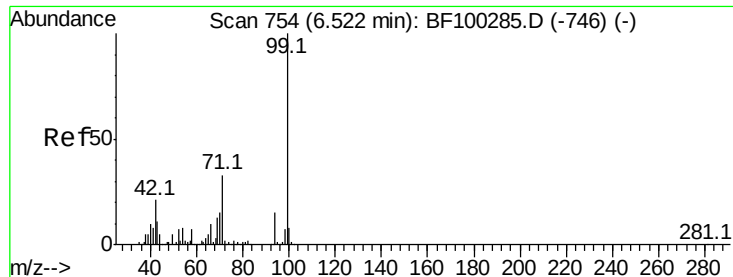


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 36.039 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF100294.D

Acq: 8 Nov 2017 16:28

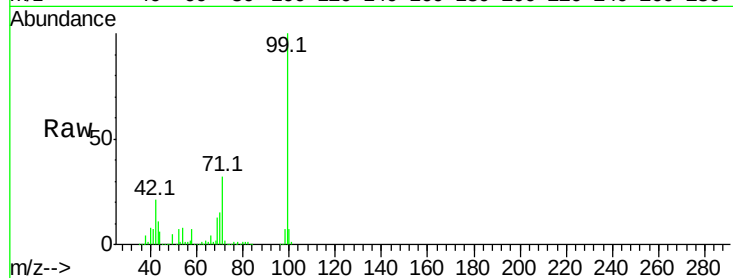
Tot Ion: 99 Resp: 515671

Ion Ratio Lower Upper

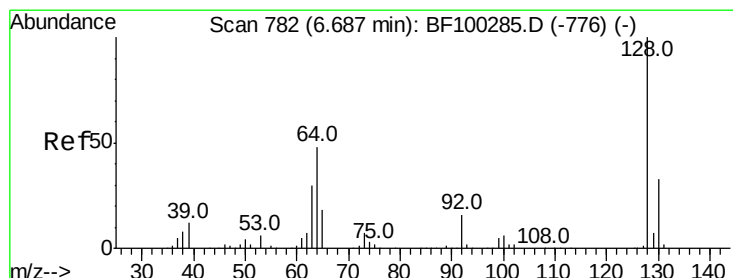
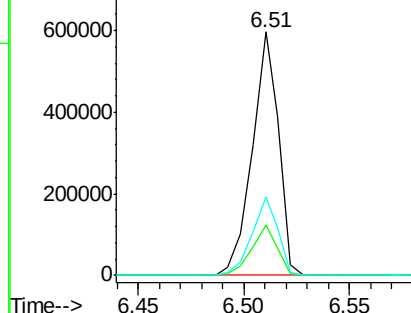
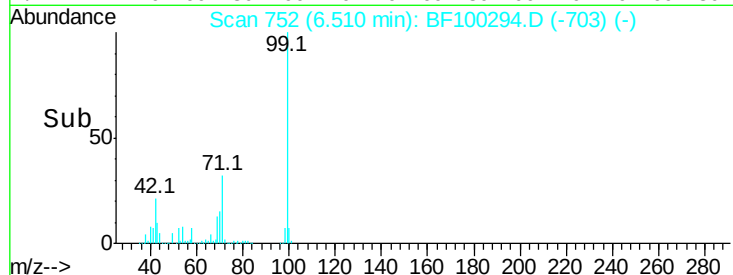
99 100

42 20.7 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



#8

2-Chlorophenol

Concen: 0.030 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF100294.D

Acq: 8 Nov 2017 16:28

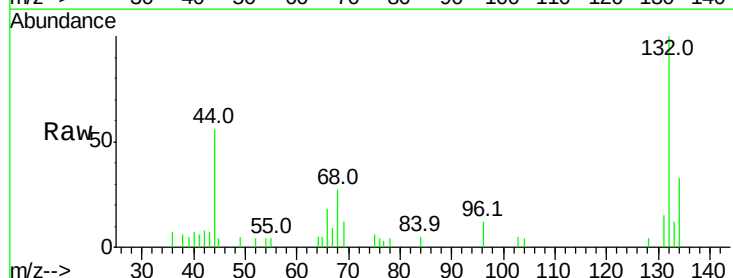
Tgt Ion:128 Resp: 369

Ion Ratio Lower Upper

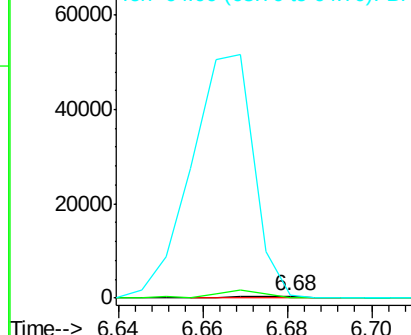
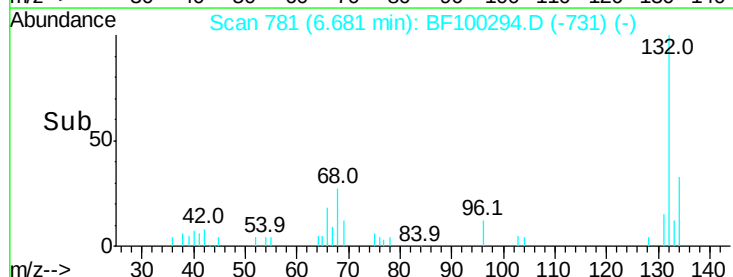
128 100

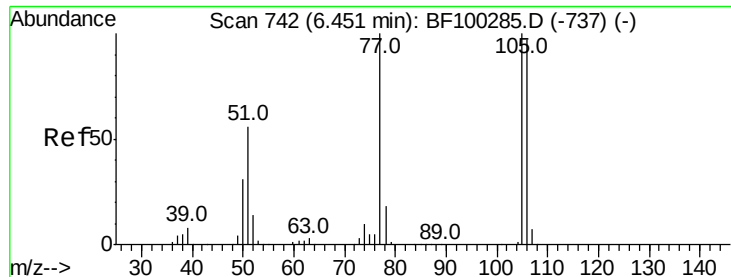
130 0.0 13.0 53.0#

64 142.3 29.4 69.4#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 2.416 ng

RT: 6.67 min Scan# 779

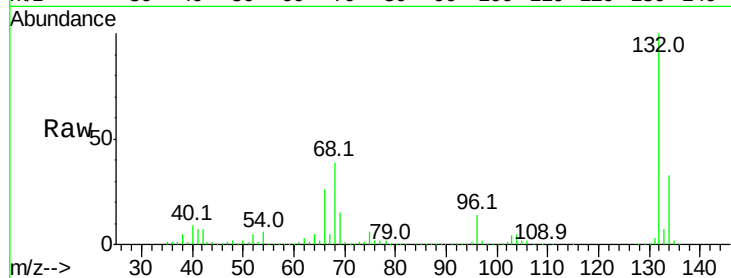
Delta R.T. 0.22 min

Lab File: BF100294.D

Acq: 8 Nov 2017 16:28

Tot Ion: 77 Resp: 24685

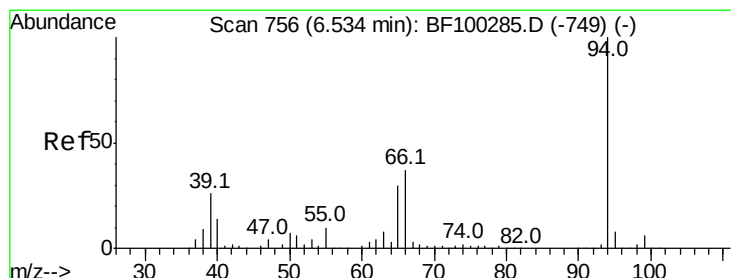
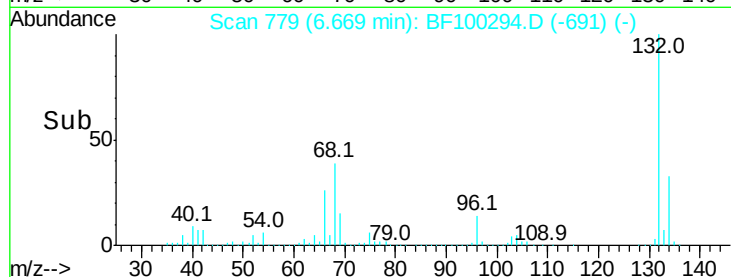
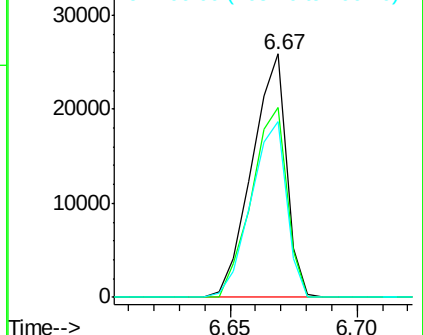
Ion	Ratio	Lower	Upper
77	100		
105	78.2	81.1	121.1#
106	72.1	74.5	114.5#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 0.018 ng

RT: 6.52 min Scan# 754

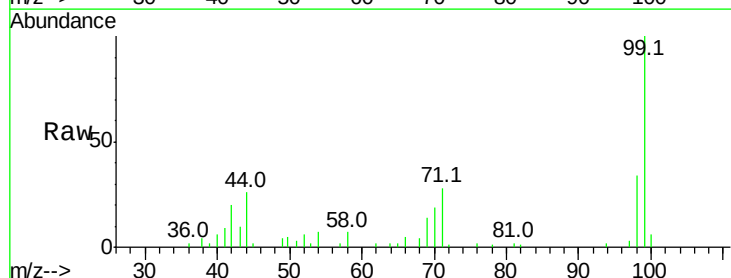
Delta R.T. -0.01 min

Lab File: BF100294.D

Acq: 8 Nov 2017 16:28

Tgt Ion: 94 Resp: 270

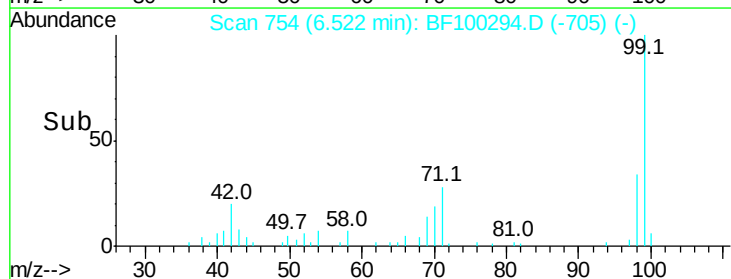
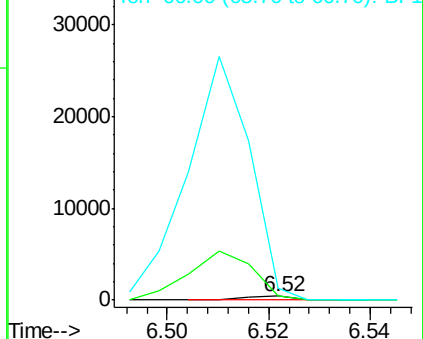
Ion	Ratio	Lower	Upper
94	100		
65	118.7	7.9	47.9#
66	315.1	16.2	56.2#

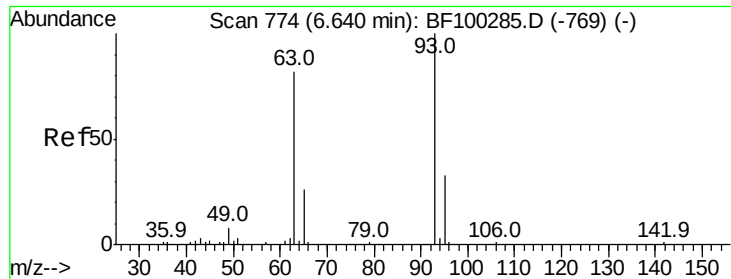


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

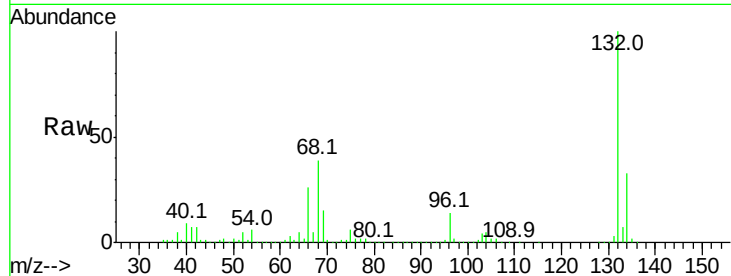
Ion 66.00 (65.70 to 66.70): BF1



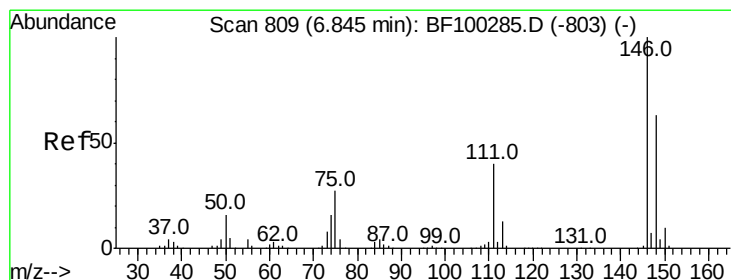
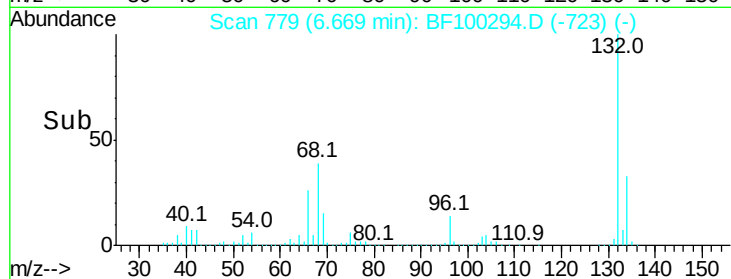
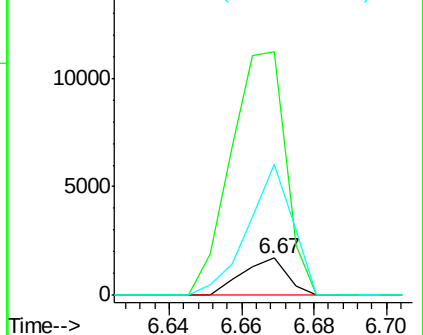


#11
 bis(2-Chloroethyl)ether
 Concen: 0.116 ng
 RT: 6.67 min Scan# 779
 Delta R.T. 0.03 min
 Lab File: BF100294.D
 Acq: 8 Nov 2017 16:28

Tot Ion:	93	Resp:	1465
Ion	Ratio	Lower	Upper
93	100		
63	650.6	58.6	98.6#
95	349.6	11.8	51.8#

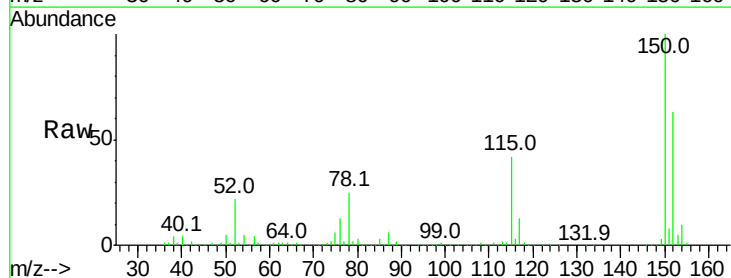


Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1

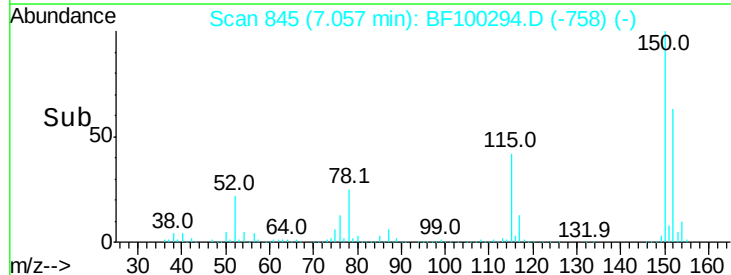
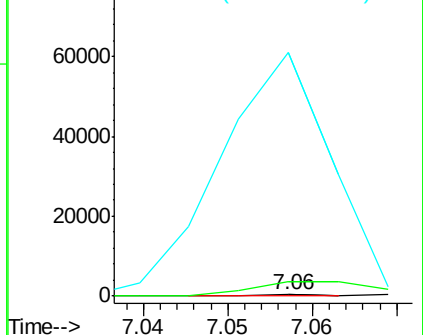


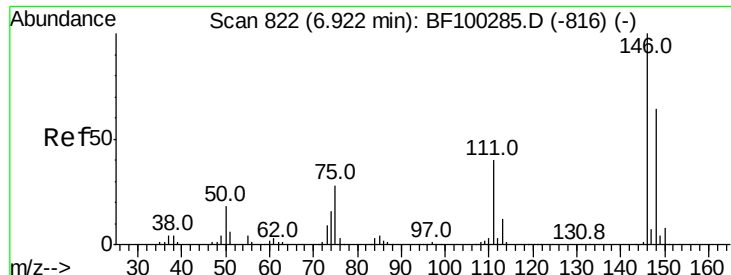
#12
 1,3-Dichlorobenzene
 Concen: 0.008 ng
 RT: 7.06 min Scan# 845
 Delta R.T. 0.21 min
 Lab File: BF100294.D
 Acq: 8 Nov 2017 16:28

Tgt Ion:	146	Resp:	110
Ion	Ratio	Lower	Upper
146	100		
148	1146.0	51.8	77.8#
75	19481.2	24.2	36.4#



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 0.008 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.14 min

Lab File: BF100294.D

Acq: 8 Nov 2017 16:28

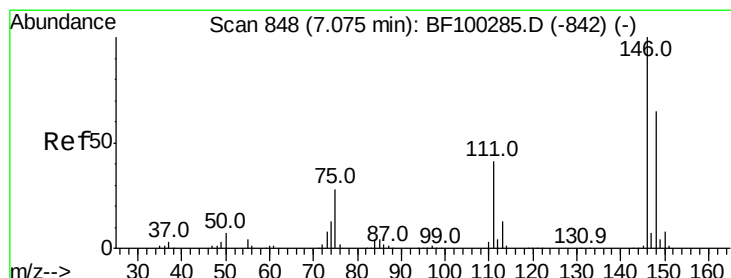
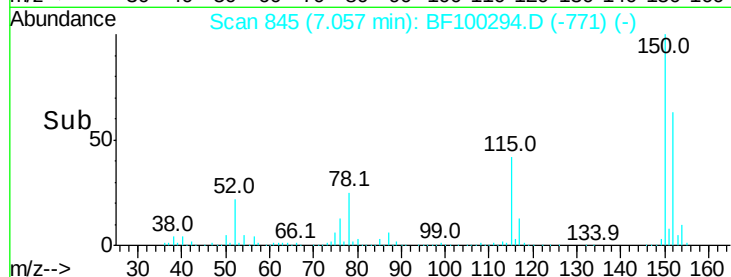
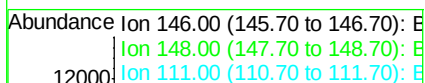
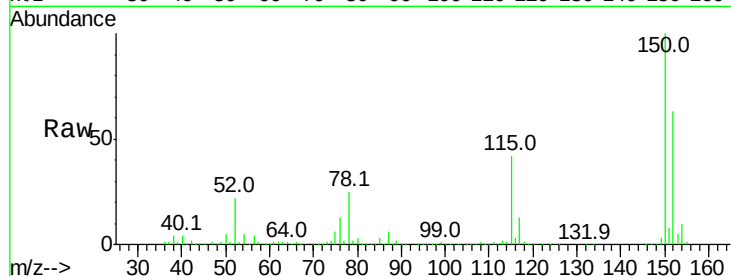
Tot Ion:146 Resp: 110

Ion Ratio Lower Upper

146 100

148 1146.0 50.8 76.2#

111 3119.8 34.2 51.2#



#14

1,2-Dichlorobenzene

Concen: 0.008 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.02 min

Lab File: BF100294.D

Acq: 8 Nov 2017 16:28

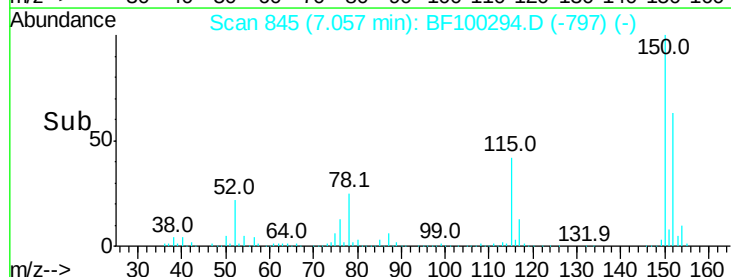
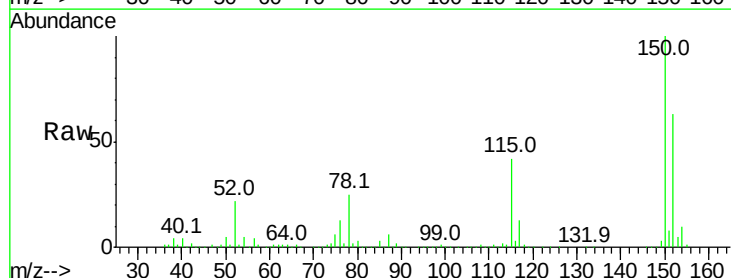
Tgt Ion:146 Resp: 110

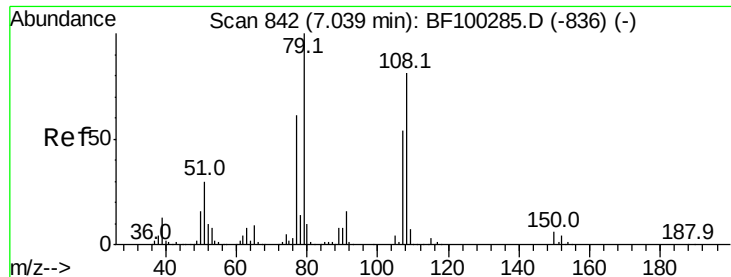
Ion Ratio Lower Upper

146 100

148 1146.0 50.6 75.8#

111 3119.8 36.0 54.0#





#15

Benzyl Alcohol

Concen: 1.518 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.02 min

Lab File: BF100294.D

Acq: 8 Nov 2017 16:28

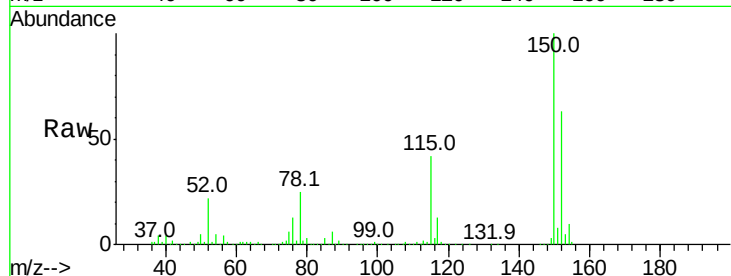
Tot Ion: 79 Resp: 16948

Ion Ratio Lower Upper

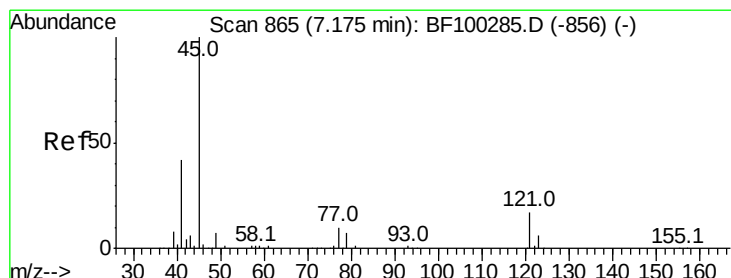
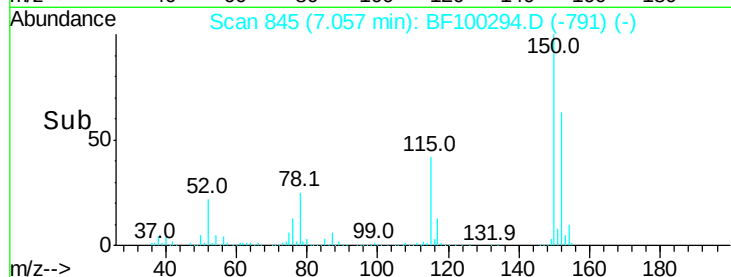
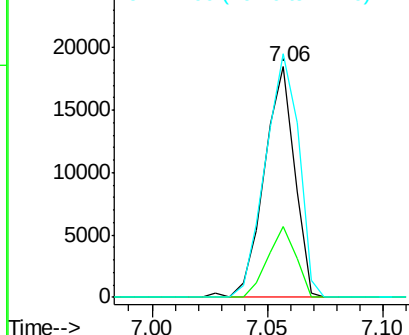
79 100

108 30.7 65.1 97.7#

77 105.8 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.015 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.03 min

Lab File: BF100294.D

Acq: 8 Nov 2017 16:28

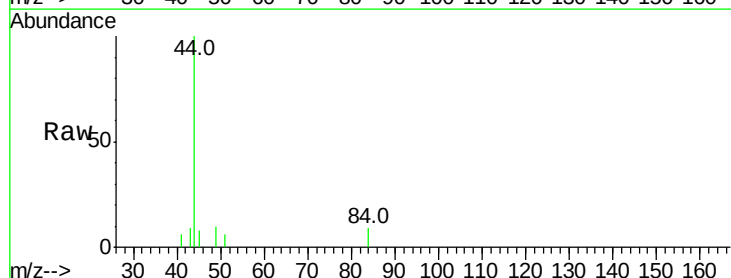
Tgt Ion: 45 Resp: 293

Ion Ratio Lower Upper

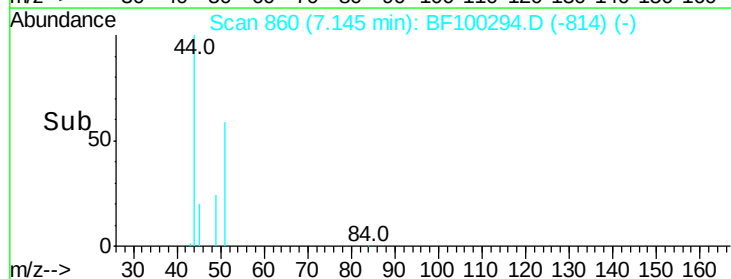
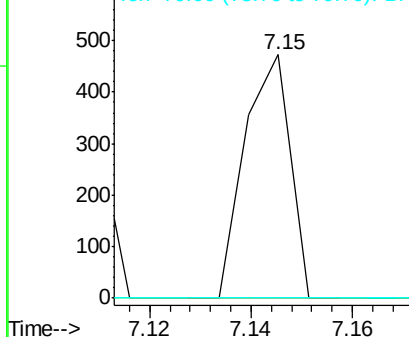
45 100

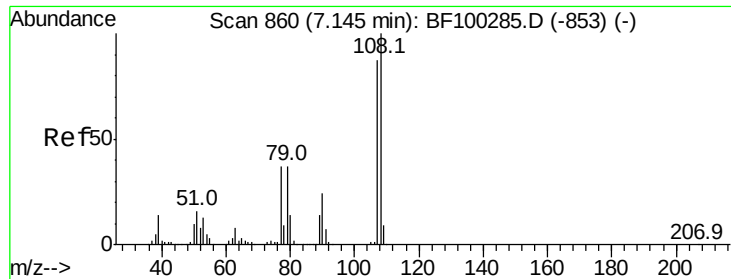
77 0.0 0.0 32.9

79 0.0 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 0.032 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.09 min

Lab File: BF100294.D

Acq: 8 Nov 2017 16:28

Tot Ion: 107 Resp: 335

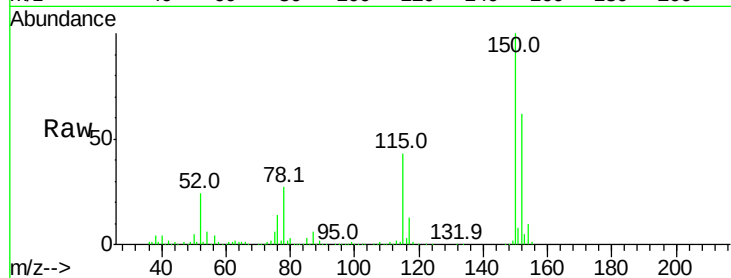
Ion Ratio Lower Upper

107 100

108 1052.8 91.7 137.5#

77 3979.3 33.8 50.8#

79 4052.5 33.8 50.8#

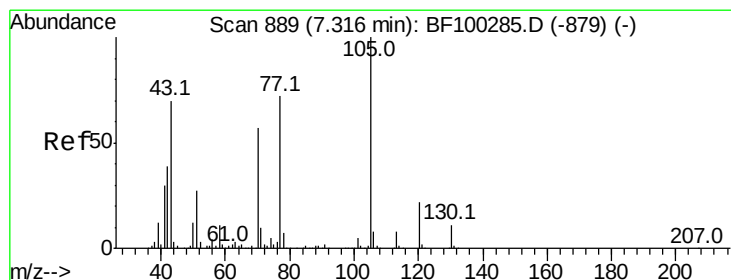
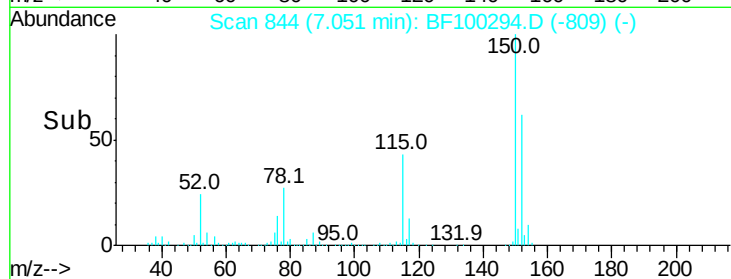
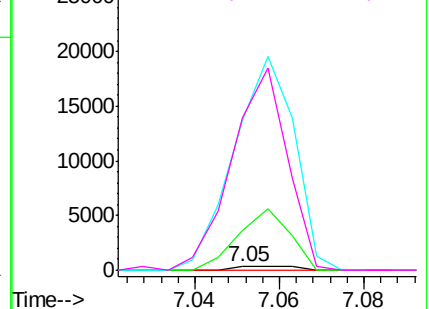


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 14.321 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.15 min

Lab File: BF100294.D

Acq: 8 Nov 2017 16:28

Tgt Ion: 70 Resp: 142104

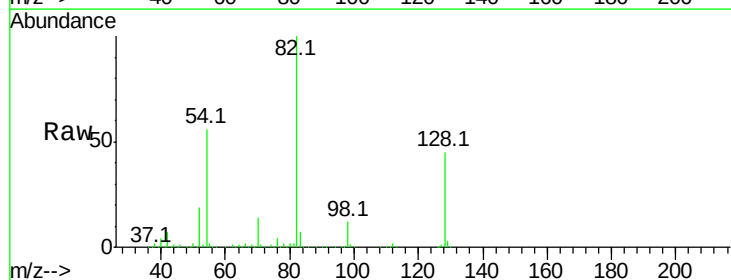
Ion Ratio Lower Upper

70 100

42 53.1 47.5 71.3

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

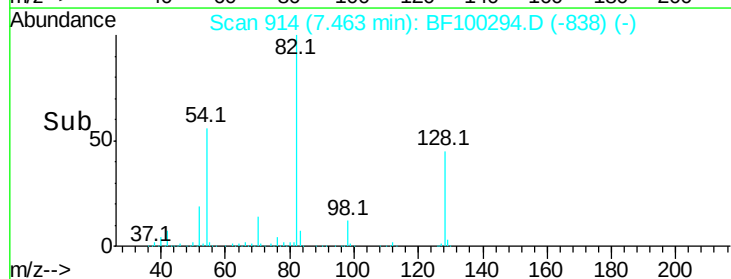
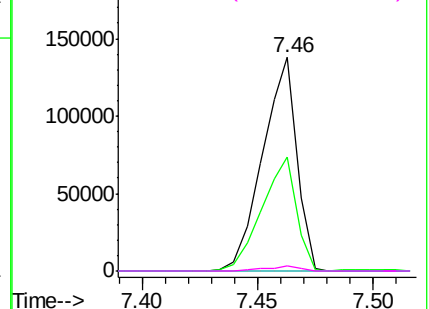


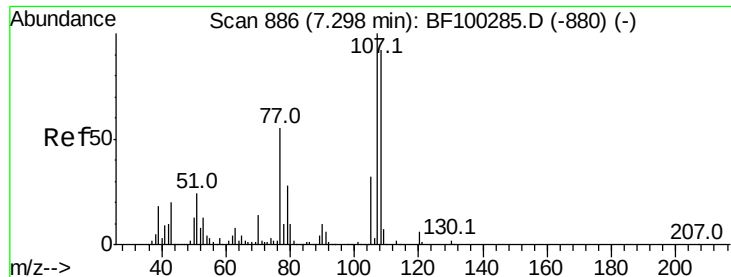
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 0.026 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.05 min

Lab File: BF100294.D

Acq: 8 Nov 2017 16:28

Tot Ion:107 Resp: 351

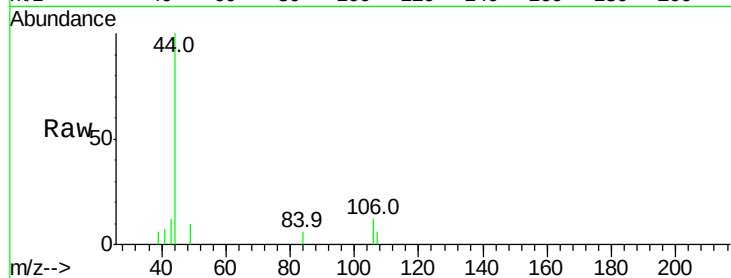
Ion Ratio Lower Upper

107 100

108 0.0 68.2 108.2#

77 0.0 26.7 66.7#

79 0.0 6.3 46.3#

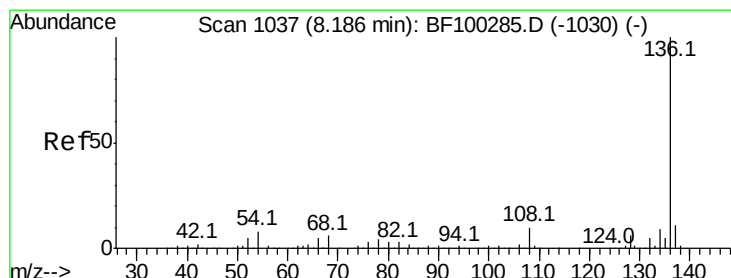
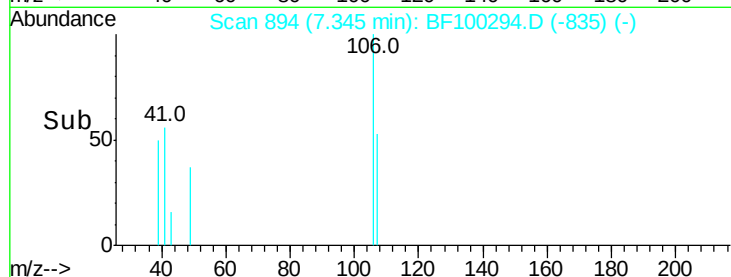
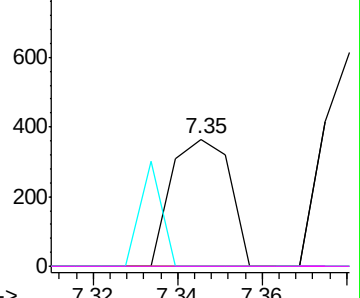


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF100294.D

Acq: 8 Nov 2017 16:28

Tgt Ion:136 Resp: 741885

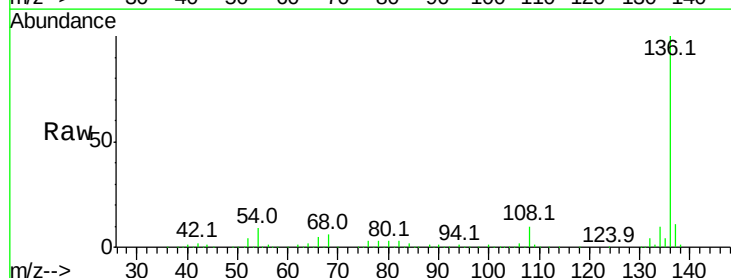
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.0 6.6 9.8

68 6.0 5.0 7.4

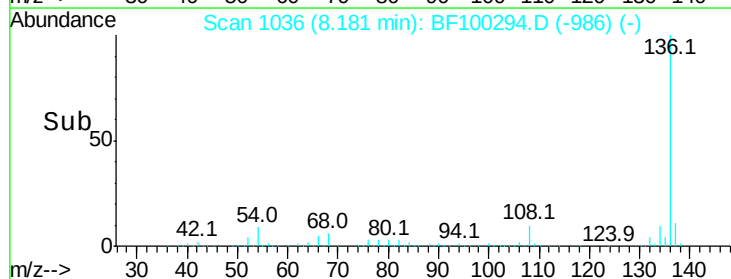
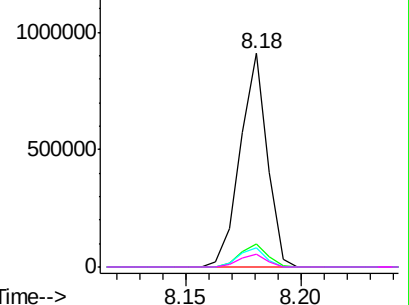


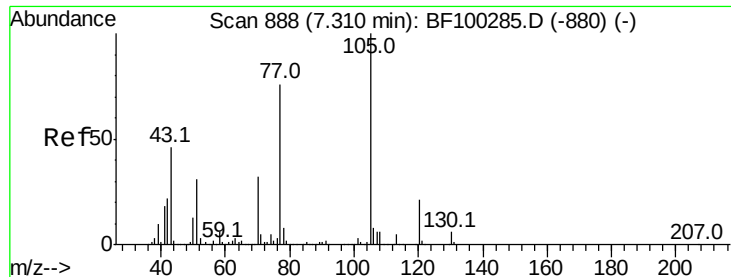
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

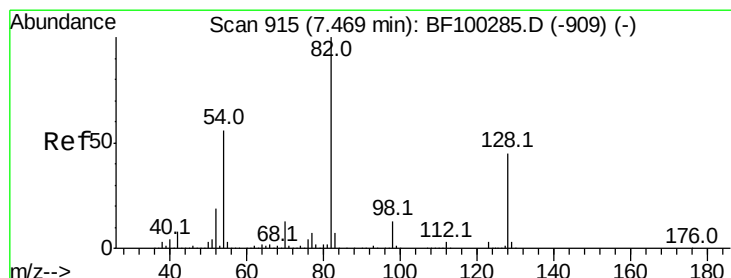
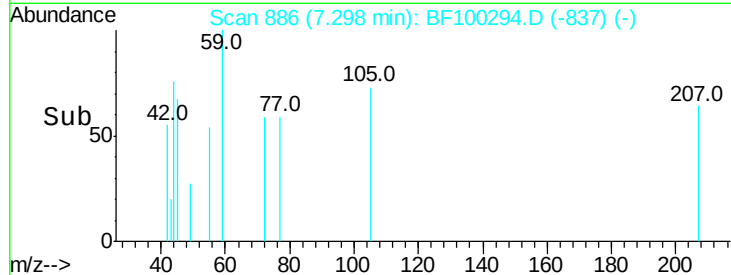
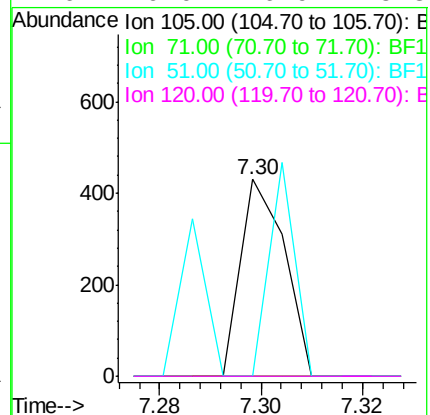
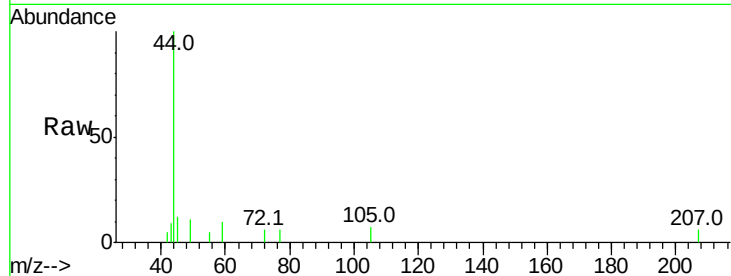
Ion 68.00 (67.70 to 68.70): BF1





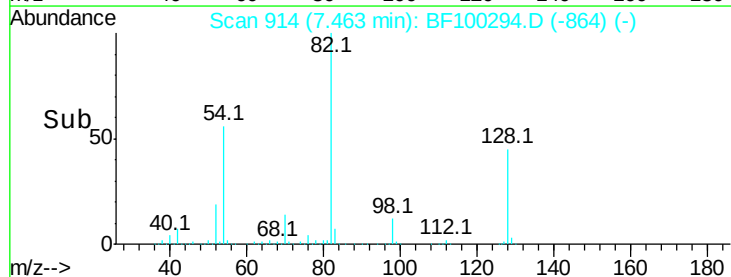
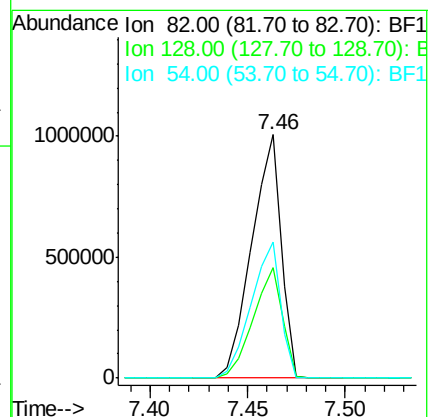
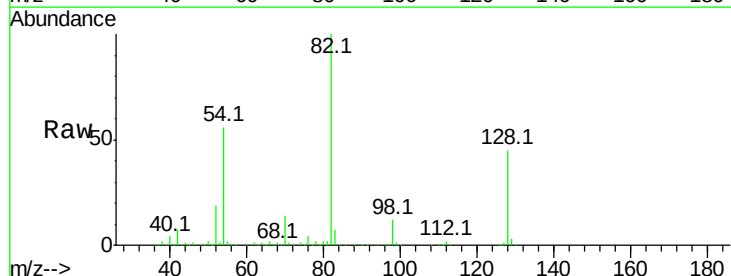
#22
Acetophenone
Concen: 0.014 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF100294.D
Acq: 8 Nov 2017 16:28

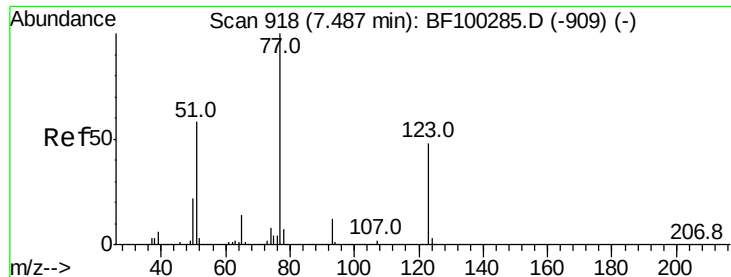
Tot Ion: 105 Resp: 261
Ion Ratio Lower Upper
105 100
71 0.0 4.4 6.6#
51 0.0 22.3 33.5#
120 0.0 16.9 25.3#



#23
Nitrobenzene-d5
Concen: 93.823 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100294.D
Acq: 8 Nov 2017 16:28

Tgt Ion: 82 Resp: 1052831
Ion Ratio Lower Upper
82 100
128 45.3 36.1 54.1
54 55.8 41.4 62.2





#24

Nitrobenzene

Concen: 0.264 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.02 min

Lab File: BF100294.D

Acq: 8 Nov 2017 16:28

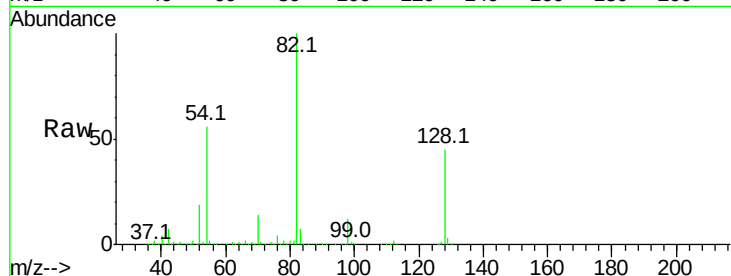
Tot Ion: 77 Resp: 3052

Ion Ratio Lower Upper

77 100

123 0.0 37.9 56.9#

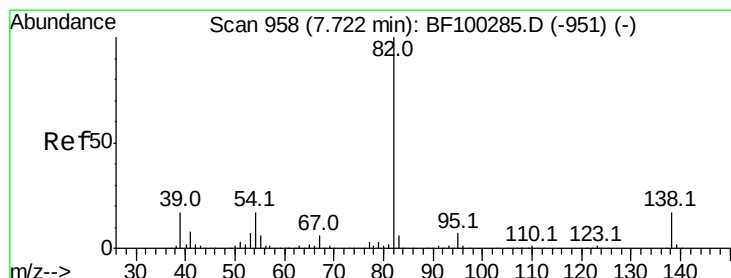
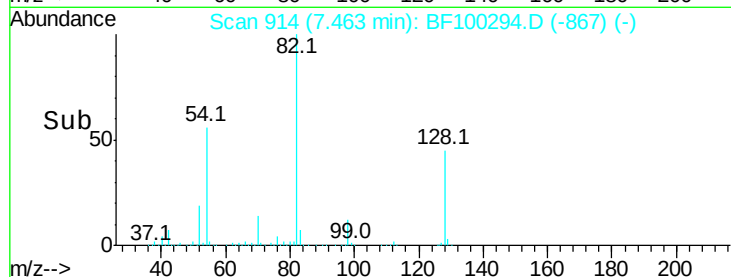
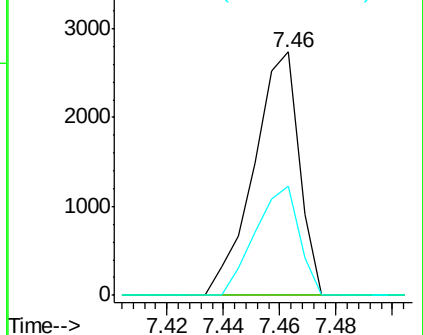
65 44.8 11.0 16.4#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



#25

Isophorone

Concen: 44.647 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.26 min

Lab File: BF100294.D

Acq: 8 Nov 2017 16:28

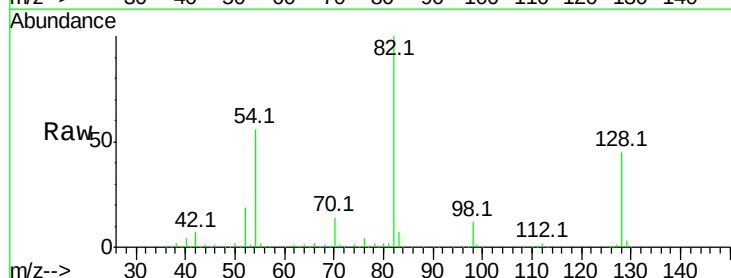
Tgt Ion: 82 Resp: 1052812

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

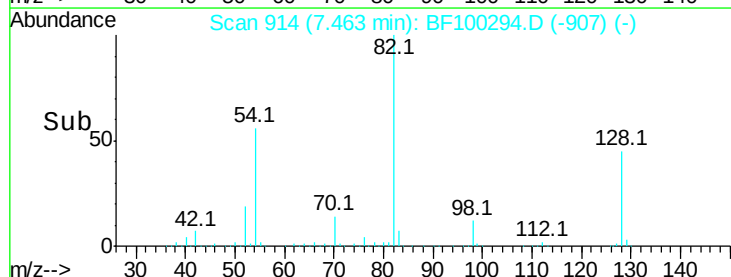
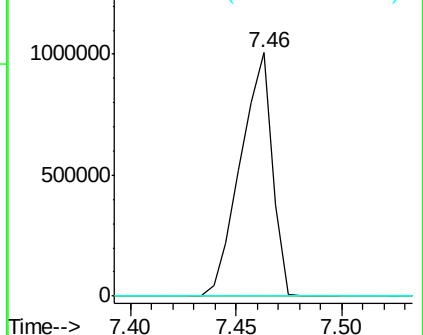
138 0.0 14.9 22.3#

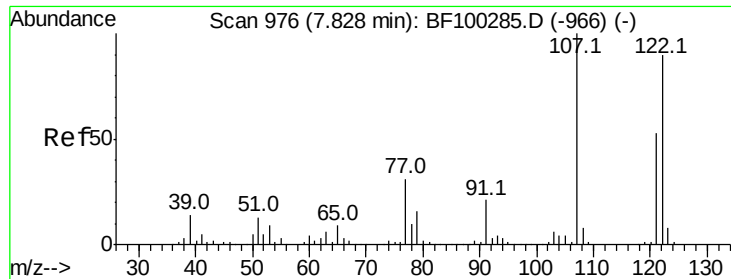


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

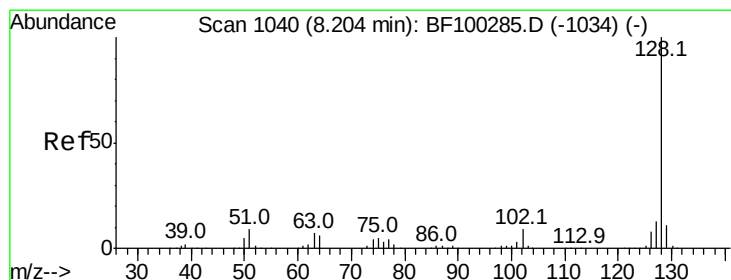
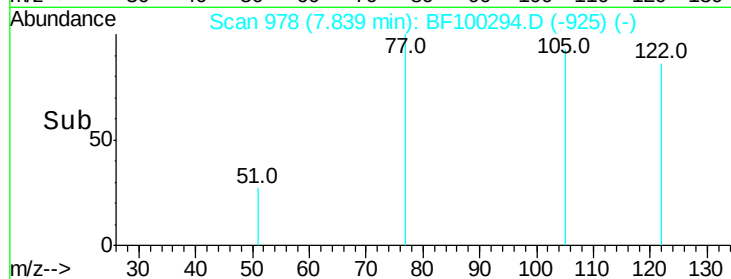
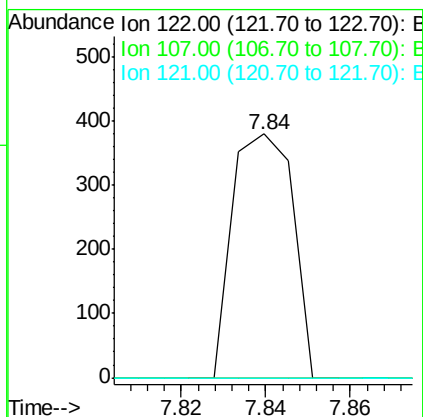
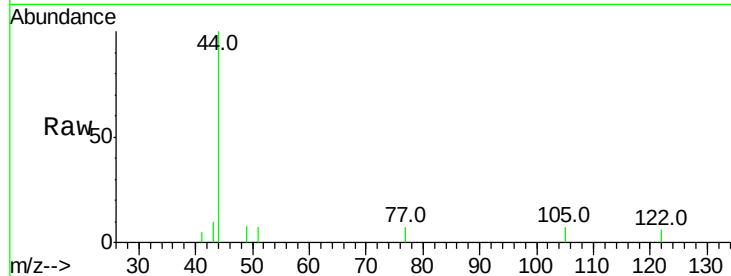
Ion 138.00 (137.70 to 138.70): BF1





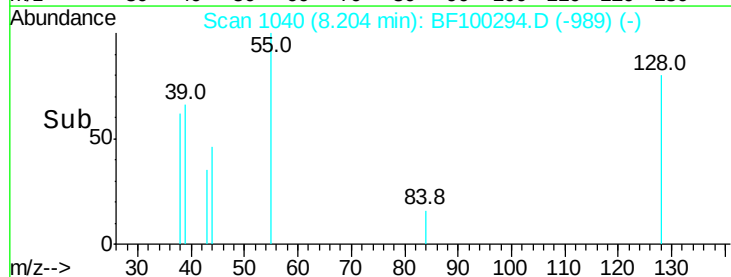
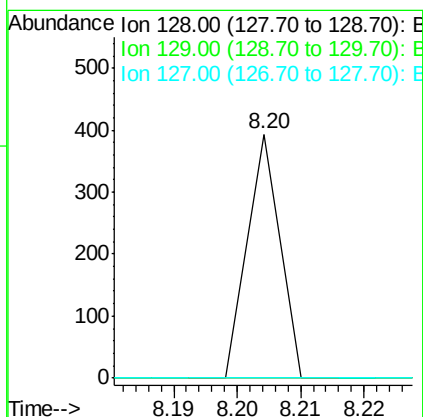
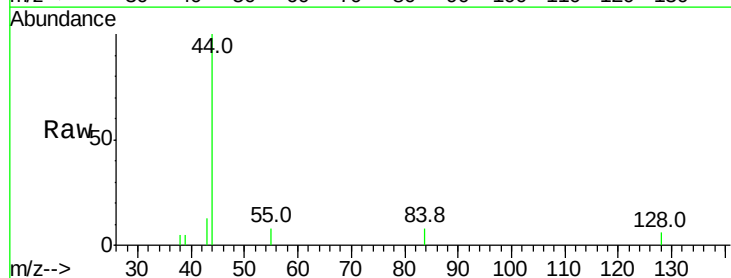
#27
 2,4-Dimethylphenol
 Concen: 0.036 ng
 RT: 7.84 min Scan# 978
 Delta R.T. 0.01 min
 Lab File: BF100294.D
 Acq: 8 Nov 2017 16:28

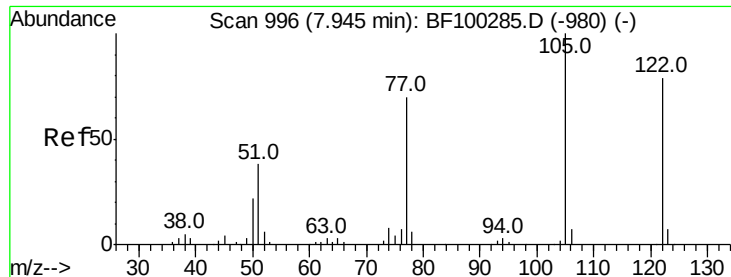
Tot Ion	Ratio	Lower	Upper
122	100		
107	0.0	91.2	136.8#
121	0.0	47.2	70.8#



#31
 Naphthalene
 Concen: 0.004 ng
 RT: 8.20 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF100294.D
 Acq: 8 Nov 2017 16:28

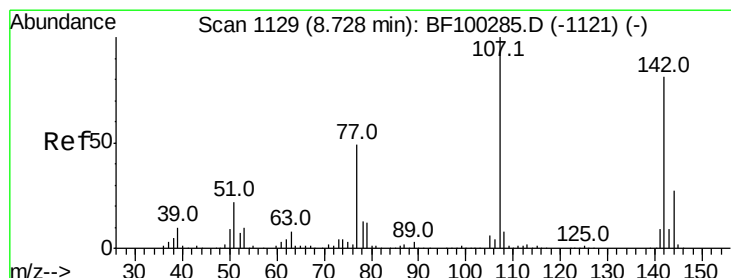
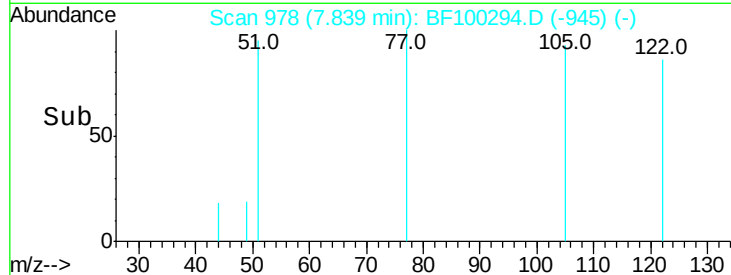
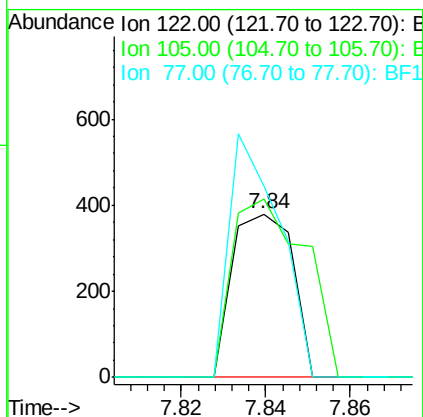
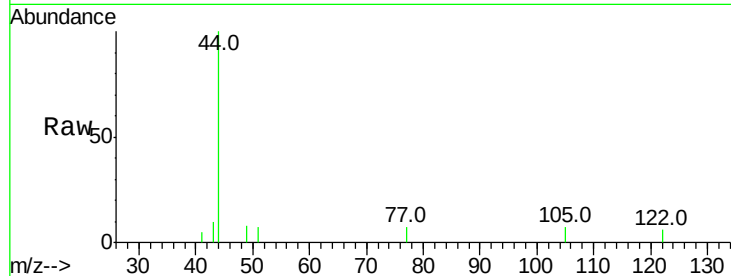
Tgt Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.8	13.2#
127	0.0	10.9	16.3#





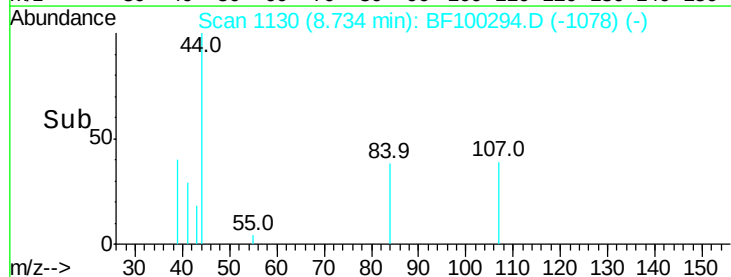
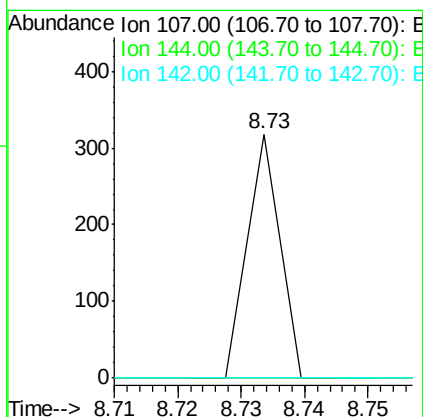
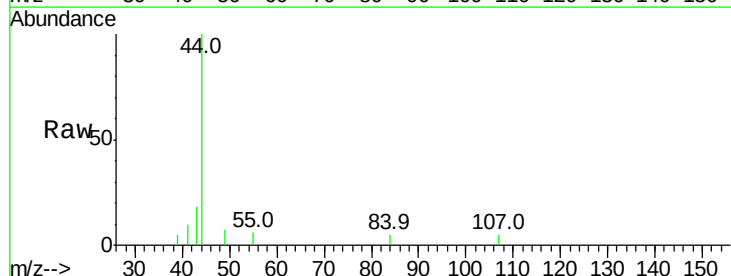
#32
Benzoic acid
Concen: 9.408 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.11 min
Lab File: BF100294.D
Acq: 8 Nov 2017 16:28

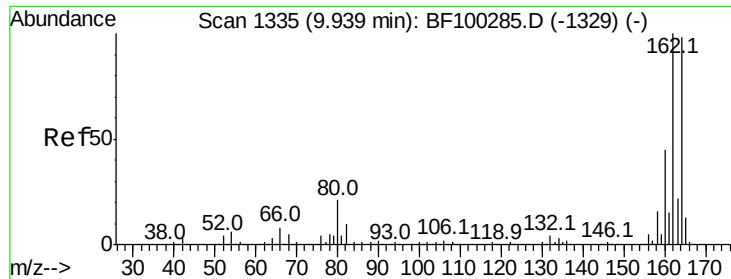
Tot Ion	Ratio	Lower	Upper
122	100		
105	109.2	101.1	141.1
77	116.8	70.7	110.7



#36
4-Chloro-3-methylphenol
Concen: 0.010 ng
RT: 8.73 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BF100294.D
Acq: 8 Nov 2017 16:28

Tgt Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.5	30.7
142	0.0	62.0	93.0





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

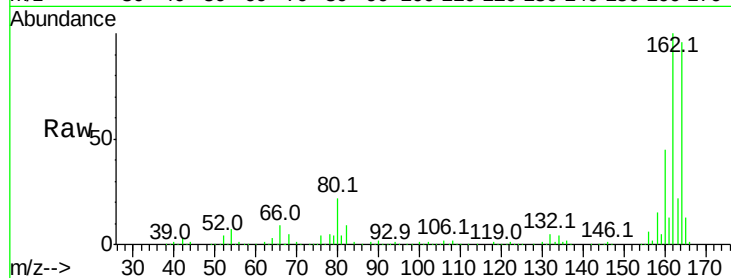
Delta R.T. -0.01 min

Lab File: BF100294.D

Acq: 8 Nov 2017 16:28

Tot Ion:164 Resp: 358057

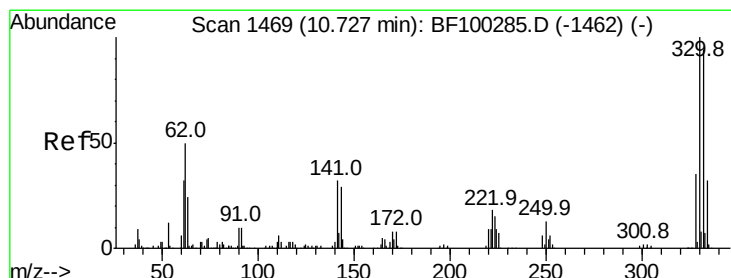
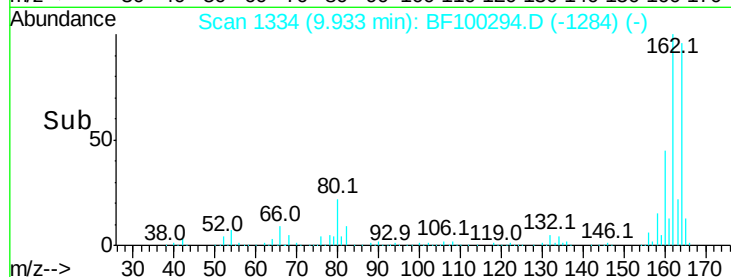
Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	47.3	38.3	57.5



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: 139.061 ng

RT: 10.73 min Scan# 1469

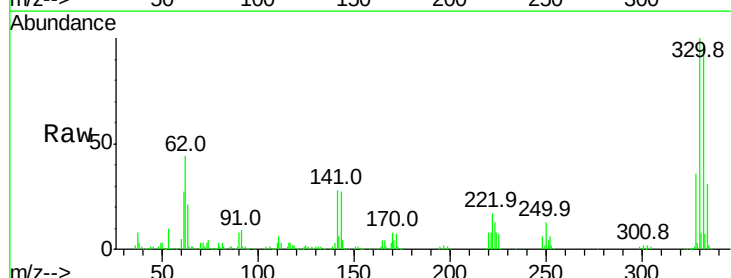
Delta R.T. 0.00 min

Lab File: BF100294.D

Acq: 8 Nov 2017 16:28

Tgt Ion:330 Resp: 507380

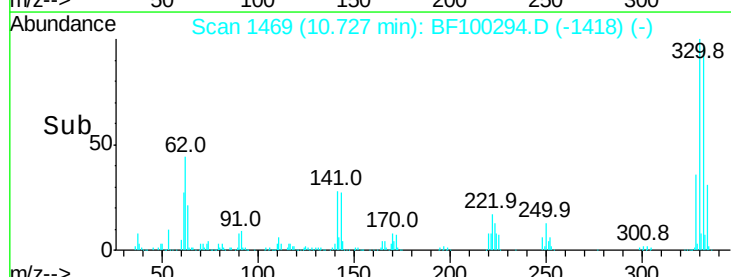
Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	30.3	29.9	44.9

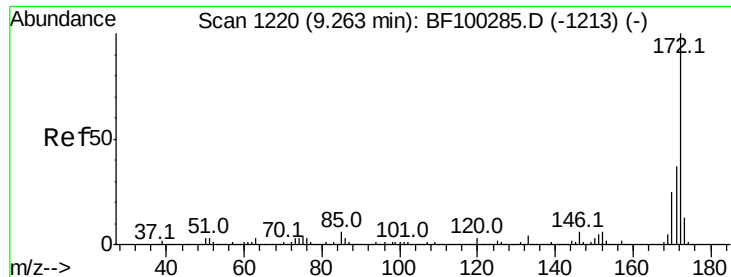


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

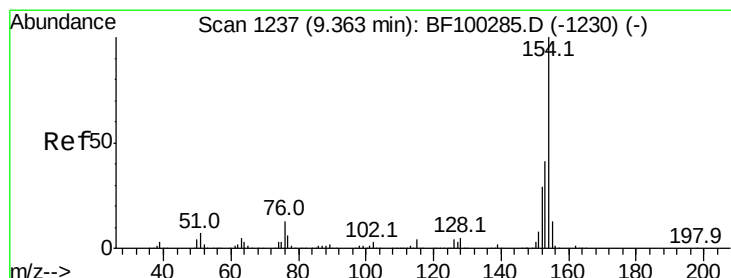
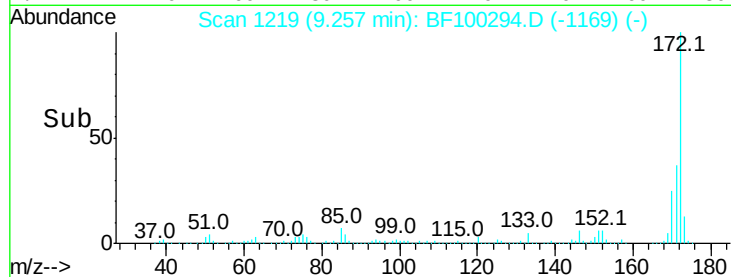
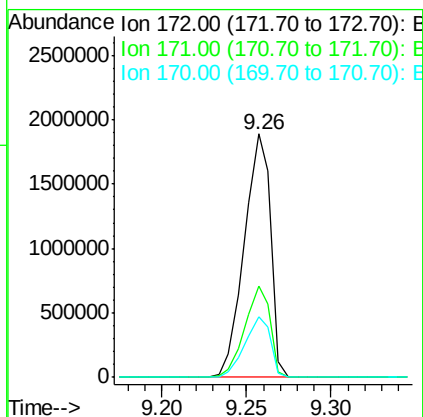
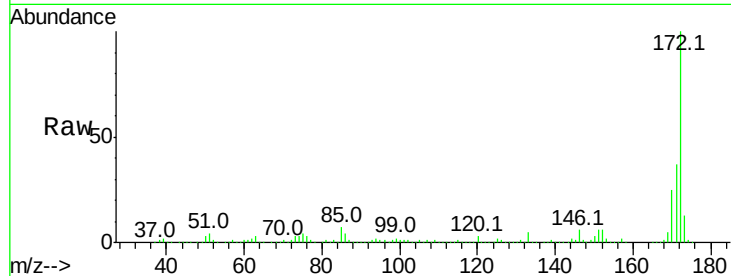




#44
2-Fluorobiphenyl
Concen: 87.394 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF100294.D
Acq: 8 Nov 2017 16:28

Tot Ion:172 Resp: 2055031

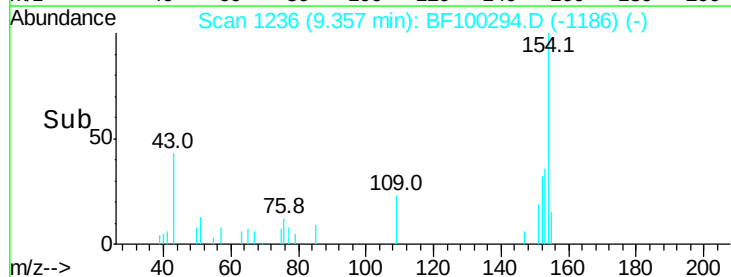
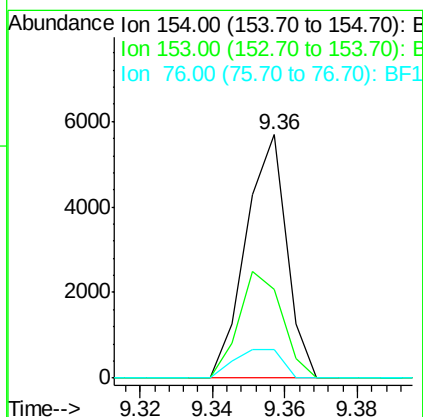
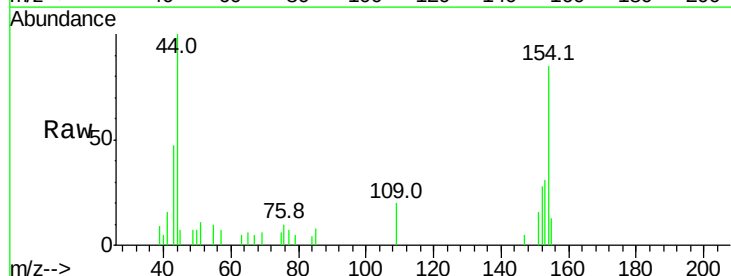
Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.7	44.5
170	24.7	19.6	29.4

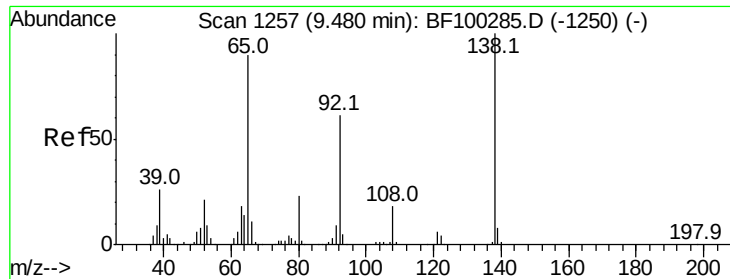


#45
1,1'-Biphenyl
Concen: 0.143 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BF100294.D
Acq: 8 Nov 2017 16:28

Tgt Ion:154 Resp: 4420

Ion	Ratio	Lower	Upper
154	100		
153	36.4	21.3	61.3
76	11.5	0.0	34.0





#47

2-Nitroaniline

Concen: 2.819 ng

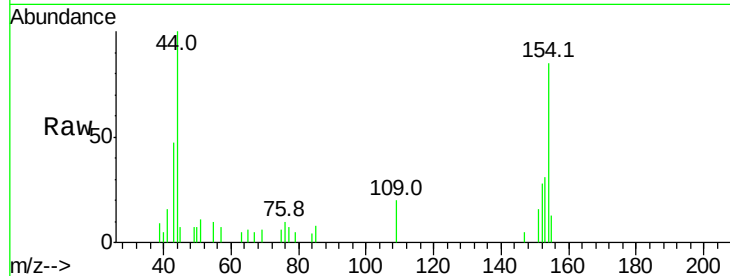
RT: 9.36 min Scan# 1236

Delta R.T. -0.12 min

Lab File: BF100294.D

Acq: 8 Nov 2017 16:28

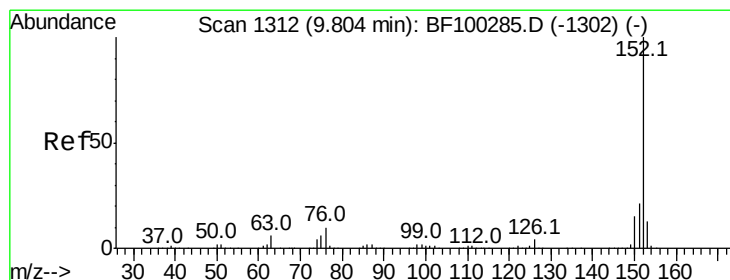
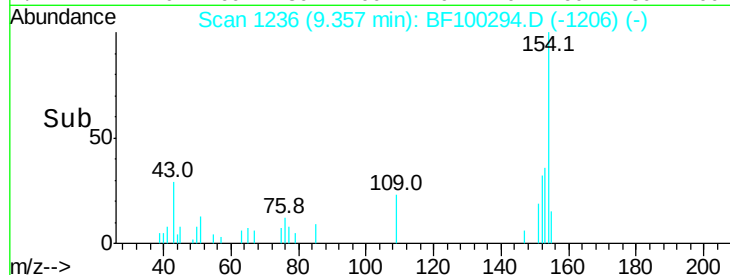
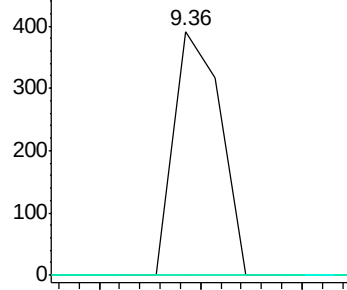
Tot Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.8	83.6#
138	0.0	91.2	136.8#



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



#48

Acenaphthylene

Concen: 0.003 ng

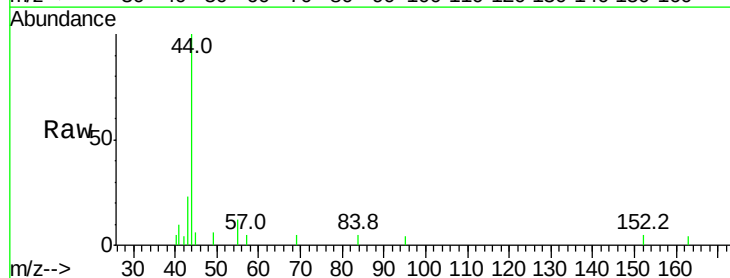
RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF100294.D

Acq: 8 Nov 2017 16:28

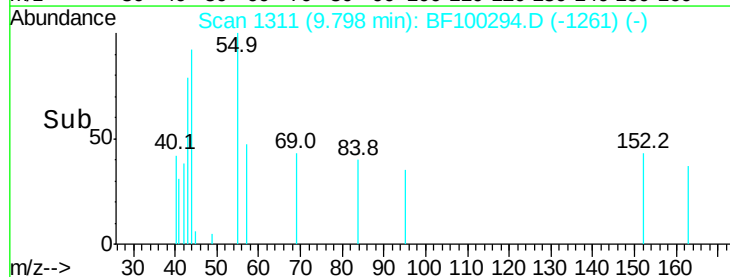
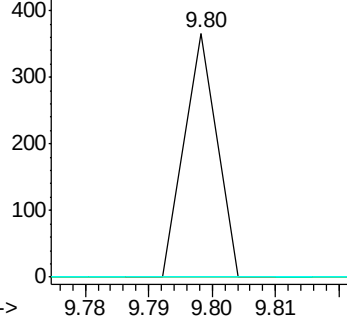
Tgt Ion	Ratio	Lower	Upper
152	100		
151	0.0	16.3	24.5#
153	0.0	10.7	16.1#

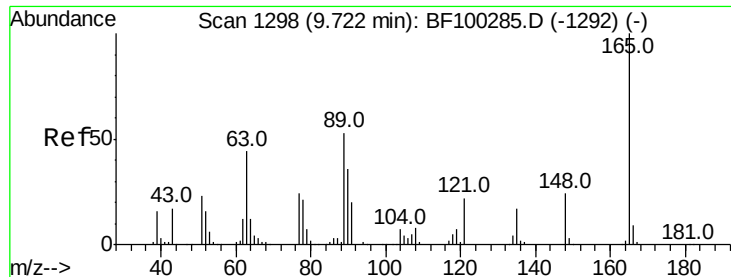


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

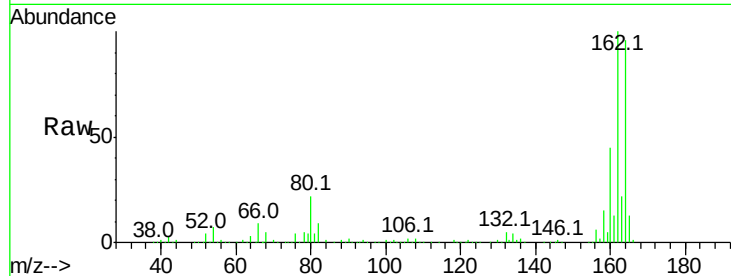
Ion 153.00 (152.70 to 153.70): E





#50
 2,6-Dinitrotoluene
 Concen: 8.519 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.21 min
 Lab File: BF100294.D
 Acq: 8 Nov 2017 16:28

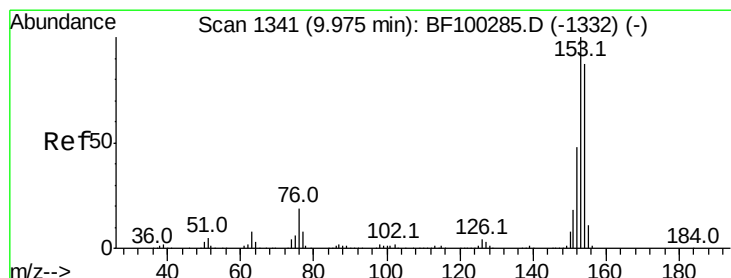
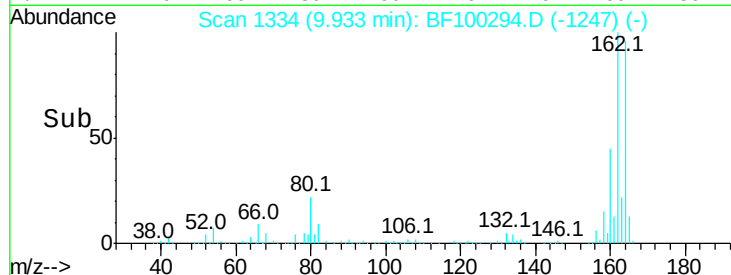
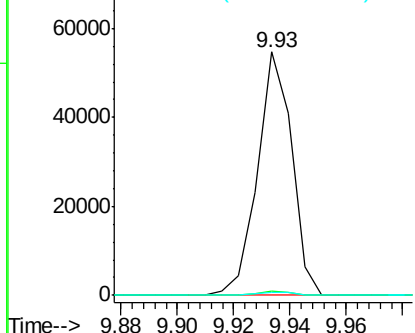
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.5	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

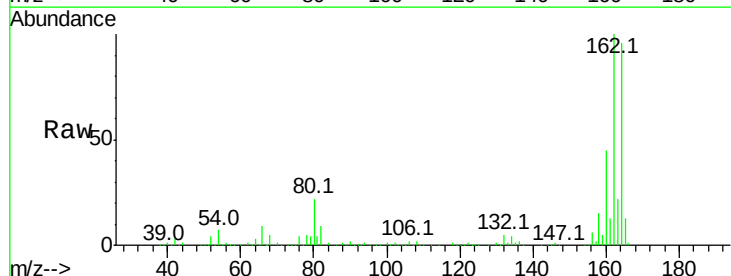
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#51
 Acenaphthene
 Concen: 0.055 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: BF100294.D
 Acq: 8 Nov 2017 16:28

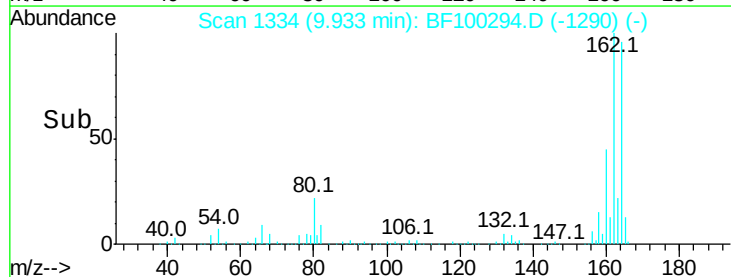
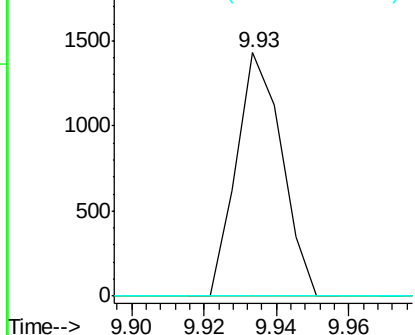
Tgt Ion	Ratio	Lower	Upper
154	100		
153	0.0	91.2	136.8#
152	0.0	43.8	65.8#

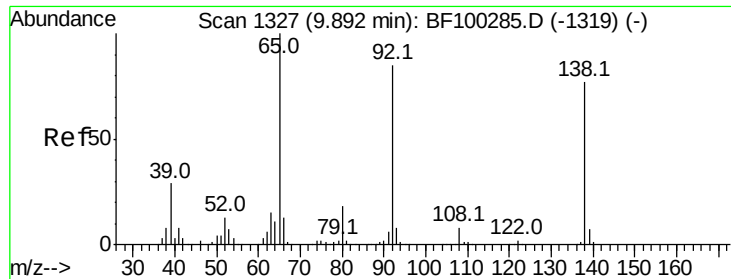


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 0.043 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.26 min

Lab File: BF100294.D

Acq: 8 Nov 2017 16:28

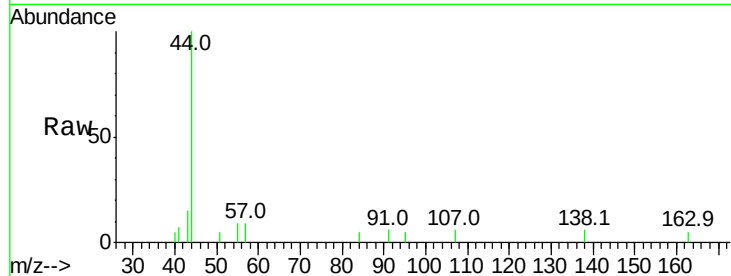
Tot Ion:138 Resp: 275

Ion Ratio Lower Upper

138 100

108 0.0 9.4 14.0#

92 0.0 89.4 134.2#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

800

600

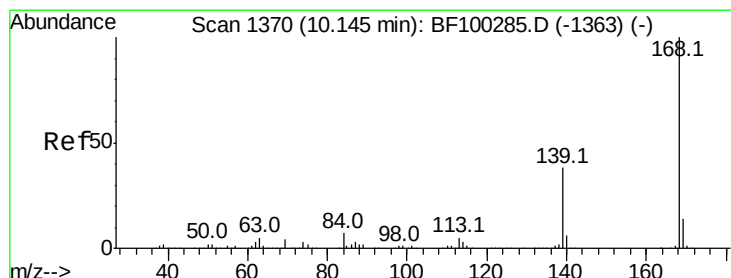
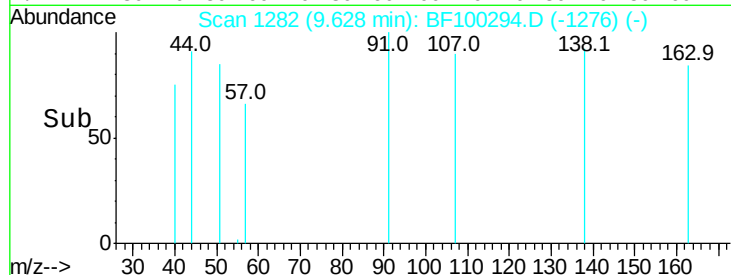
400

200

0

9.61 9.62 9.63 9.64

Time-->



#54

Dibenzofuran

Concen: 0.003 ng

RT: 10.14 min Scan# 1369

Delta R.T. -0.01 min

Lab File: BF100294.D

Acq: 8 Nov 2017 16:28

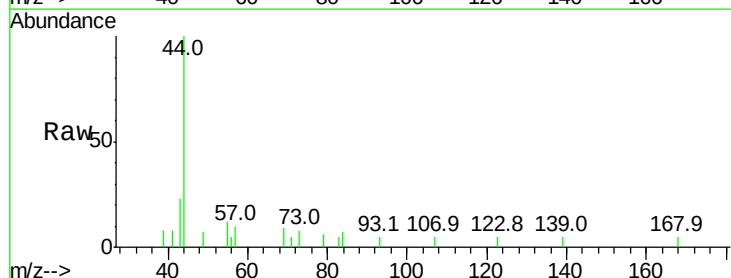
Tgt Ion:168 Resp: 110

Ion Ratio Lower Upper

168 100

139 109.3 30.1 45.1#

169 0.0 10.9 16.3#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

400

300

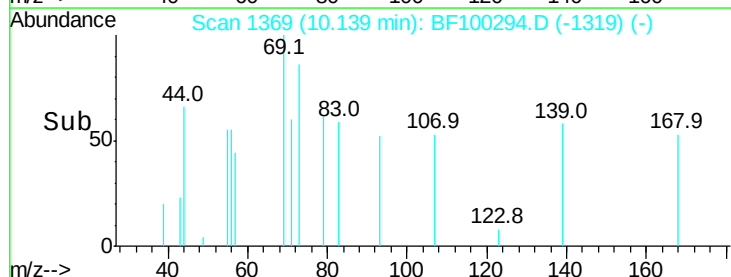
200

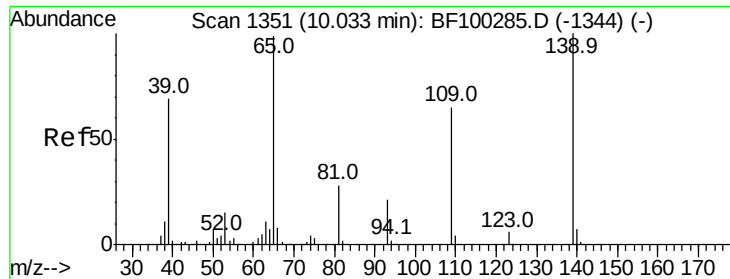
100

0

10.12 10.14

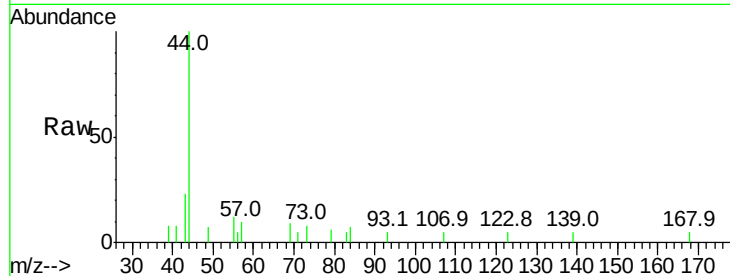
Time-->





#55
4-Nitrophenol
Concen: 0.023 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.11 min
Lab File: BF100294.D
Acq: 8 Nov 2017 16:28

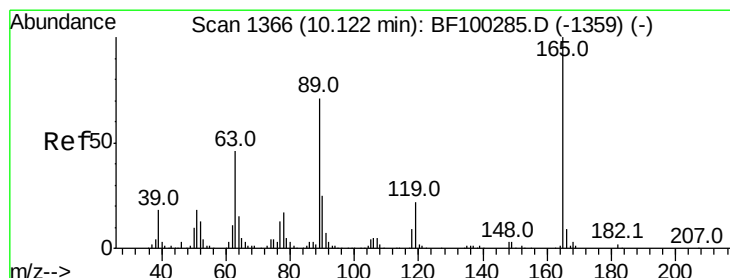
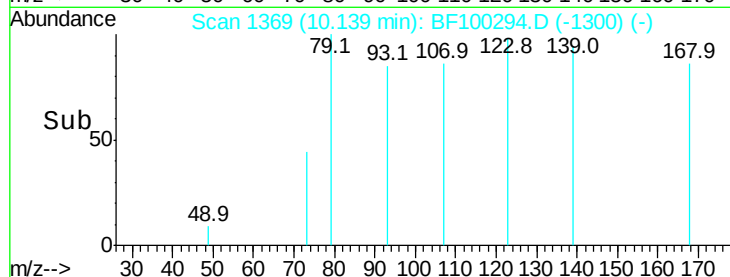
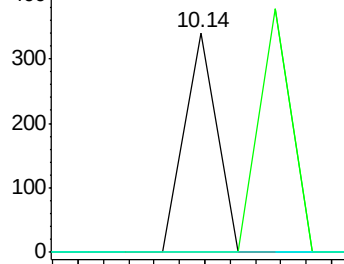
Tot Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56
2,4-Dinitrotoluene
Concen: 6.753 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.19 min
Lab File: BF100294.D
Acq: 8 Nov 2017 16:28

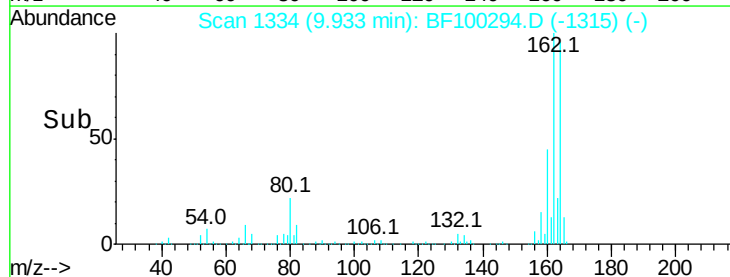
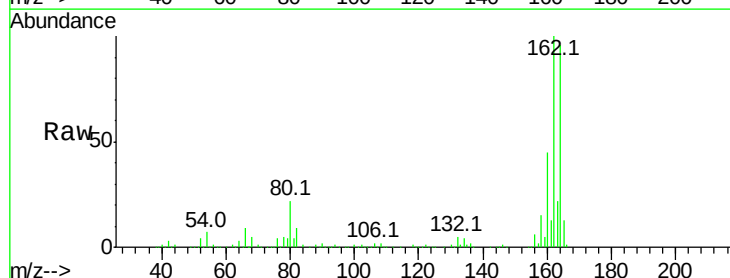
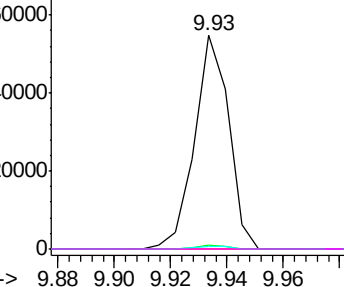
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

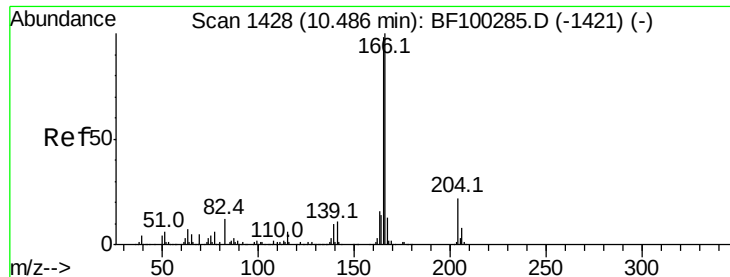
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

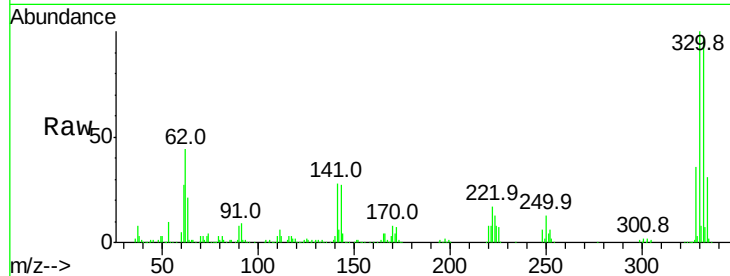
Ion 182.00 (181.70 to 182.70): E



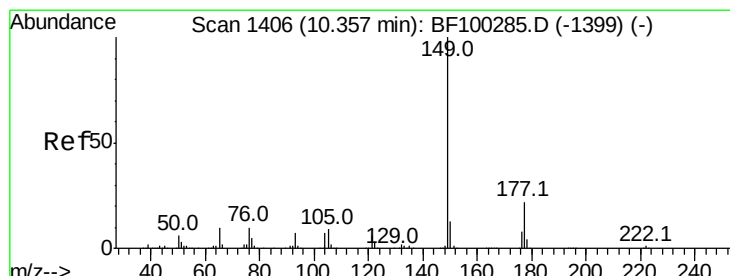
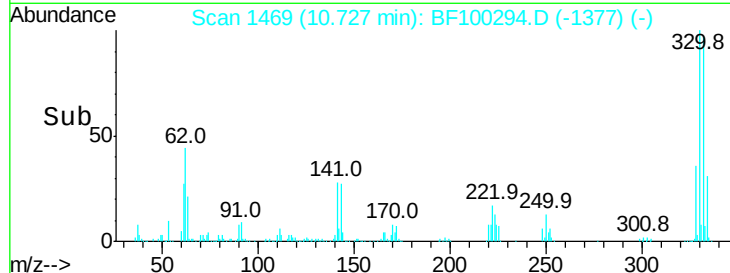
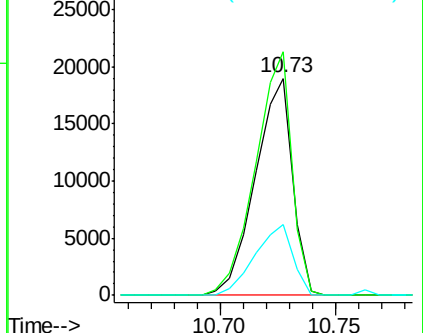


#57
 Fluorene
 Concen: 0.916 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.24 min
 Lab File: BF100294.D
 Acq: 8 Nov 2017 16:28

Tot Ion:166 Resp: 21292
 Ion Ratio Lower Upper
 166 100
 165 112.3 79.8 119.8
 167 32.5 10.6 16.0#

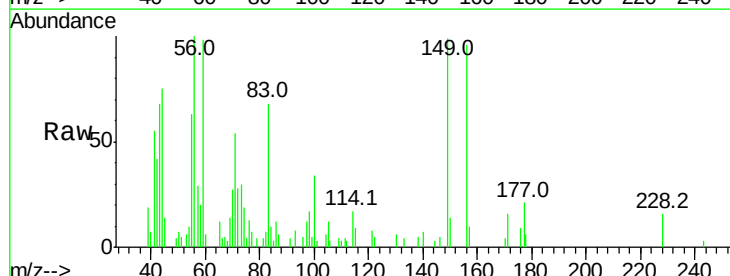


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

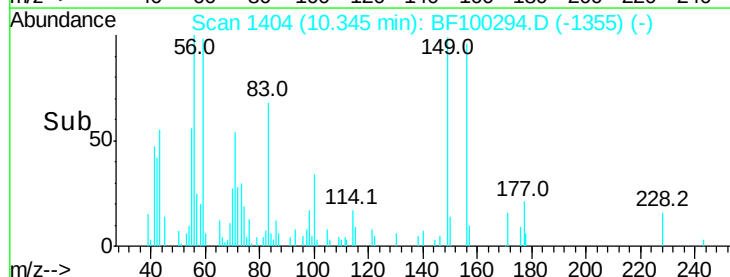
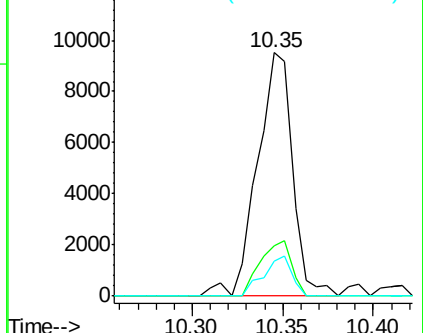


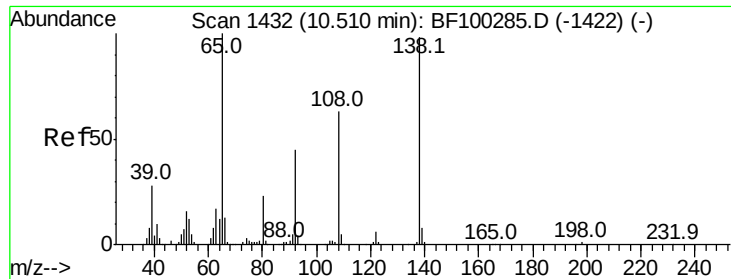
#59
 Diethylphthalate
 Concen: 0.470 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BF100294.D
 Acq: 8 Nov 2017 16:28

Tgt Ion:149 Resp: 12849
 Ion Ratio Lower Upper
 149 100
 177 20.9 16.1 24.1
 150 14.5 10.1 15.1



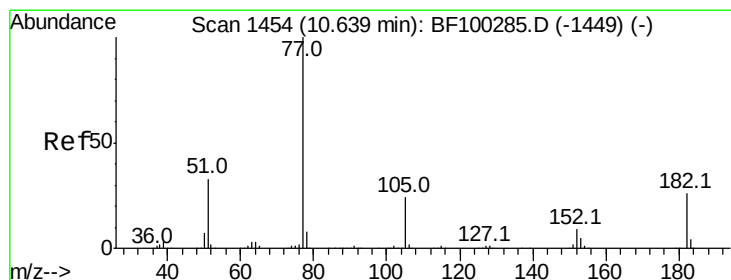
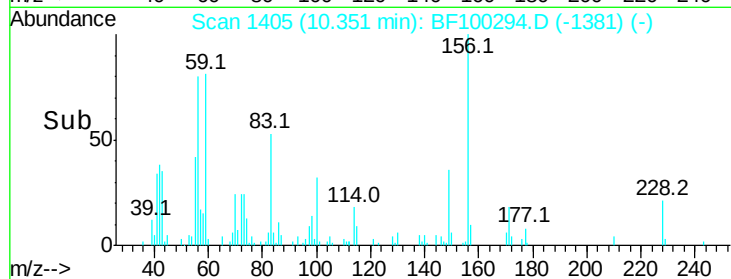
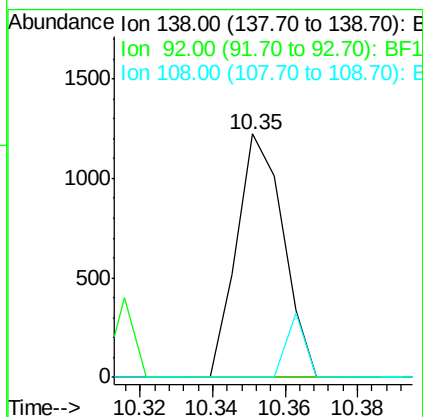
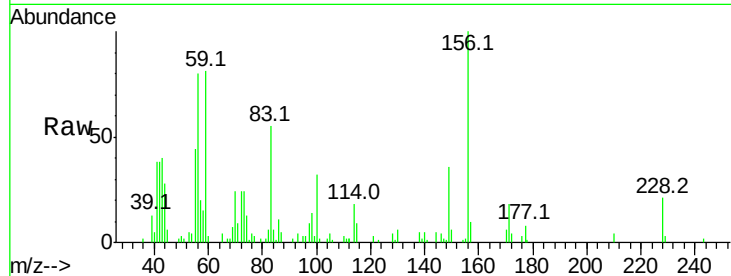
Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





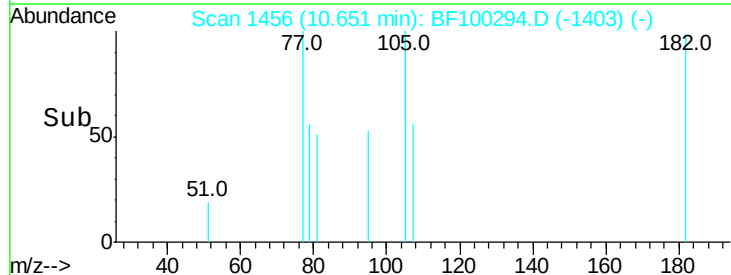
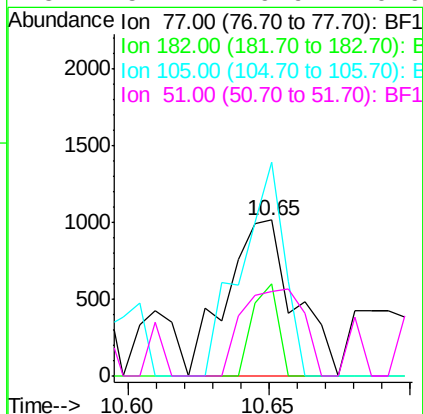
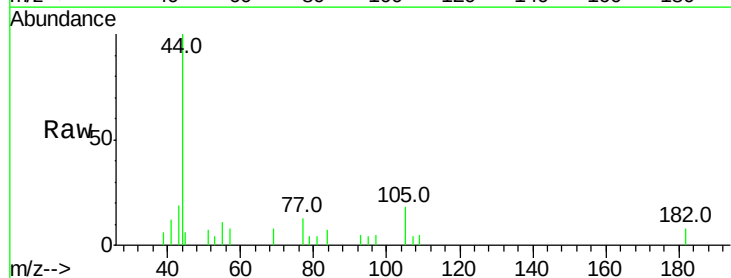
#61
4-Nitroaniline
Concen: 0.180 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.16 min
Lab File: BF100294.D
Acq: 8 Nov 2017 16:28

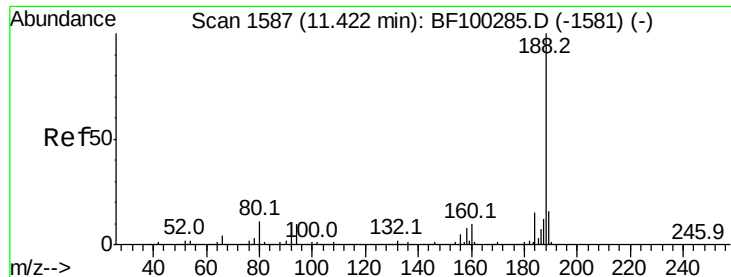
Tot Ion:138 Resp: 1092
Ion Ratio Lower Upper
138 100
92 0.0 30.2 70.2#
108 0.0 52.5 92.5#



#62
Azobenzene
Concen: 0.066 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.01 min
Lab File: BF100294.D
Acq: 8 Nov 2017 16:28

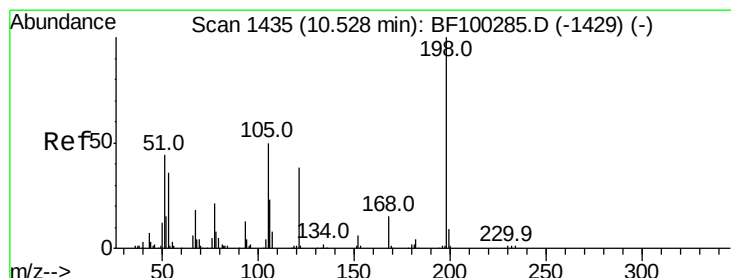
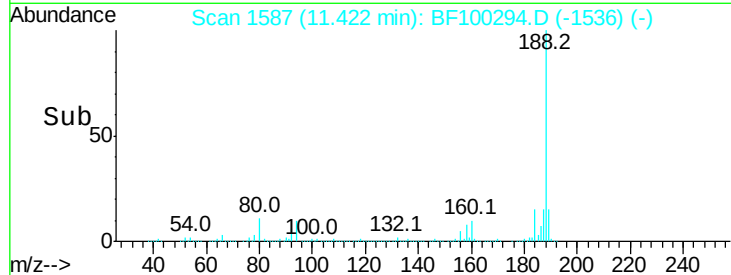
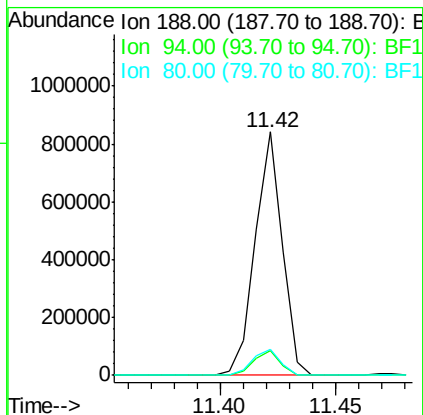
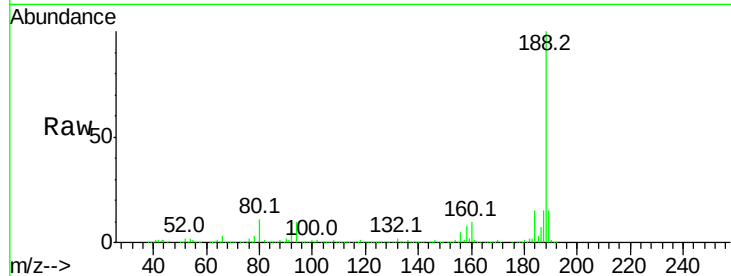
Tgt Ion: 77 Resp: 1692
Ion Ratio Lower Upper
77 100
182 58.9 1.7 41.7#
105 136.9 3.0 43.0#
51 54.1 9.9 49.9#





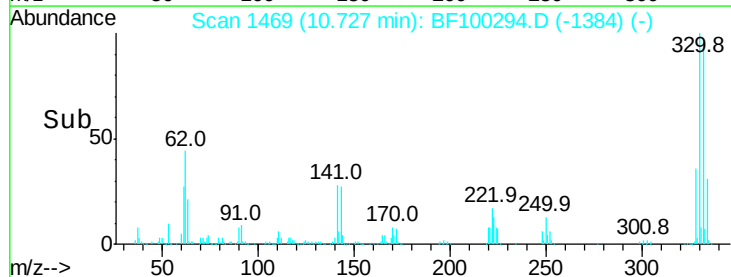
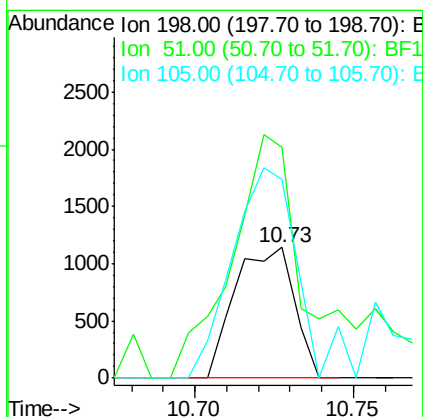
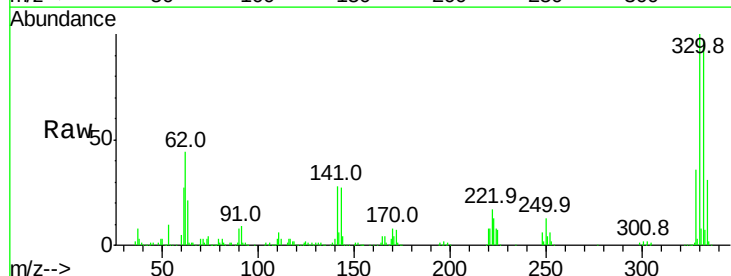
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.00 min
 Lab File: BF100294.D
 Acq: 8 Nov 2017 16:28

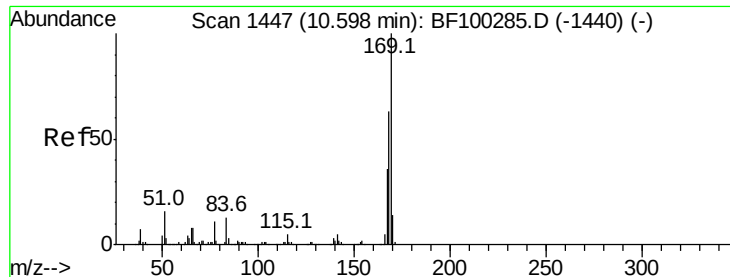
Tot Ion:188 Resp: 693191
 Ion Ratio Lower Upper
 188 100
 94 9.9 8.5 12.7
 80 10.8 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.916 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.20 min
 Lab File: BF100294.D
 Acq: 8 Nov 2017 16:28

Tgt Ion:198 Resp: 1475
 Ion Ratio Lower Upper
 198 100
 51 176.6 37.7 77.7#
 105 152.3 36.3 76.3#

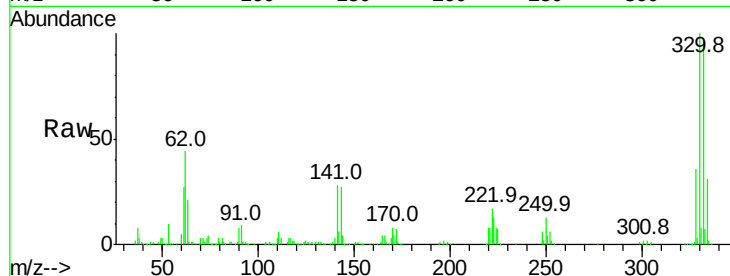




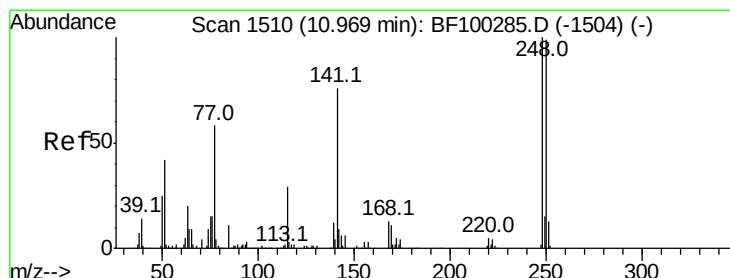
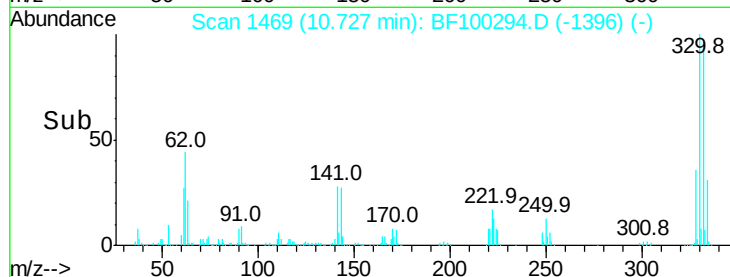
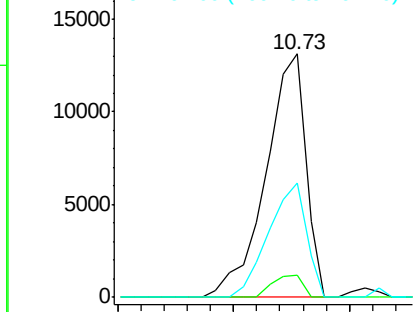
#65

n-Nitrosodiphenylamine
 Concen: 0.654 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.13 min
 Lab File: BF100294.D
 Acq: 8 Nov 2017 16:28

Tot Ion	Ratio	Lower	Upper
169	100		
168	9.1	54.4	81.6#
167	46.9	29.8	44.6#



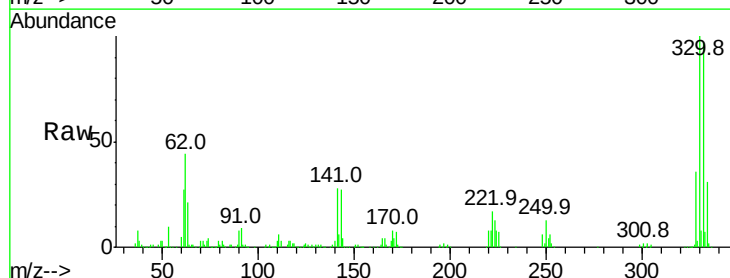
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E



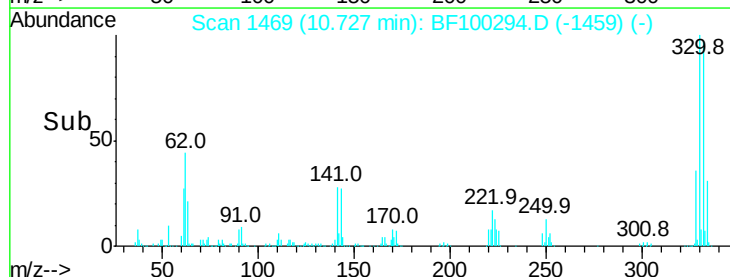
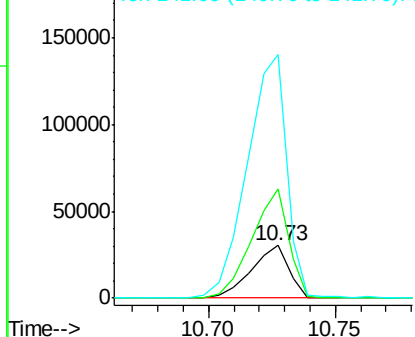
#66

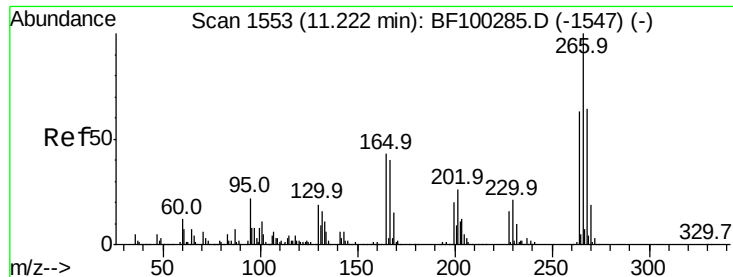
4-Bromophenyl-phenylether
 Concen: 4.204 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.24 min
 Lab File: BF100294.D
 Acq: 8 Nov 2017 16:28

Tgt Ion	Ratio	Lower	Upper
248	100		
250	209.2	76.9	115.3#
141	464.1	74.4	111.6#



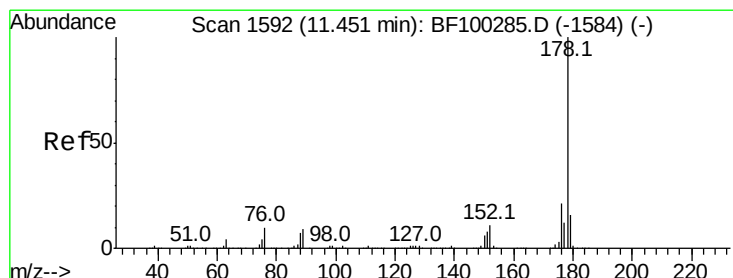
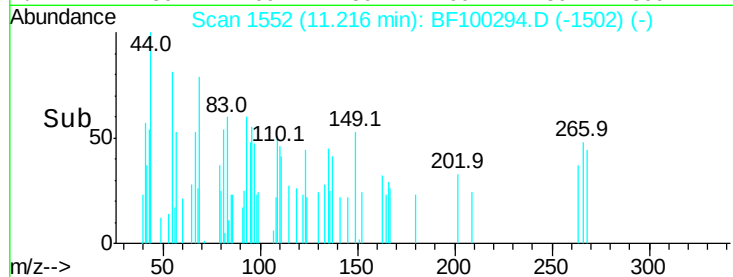
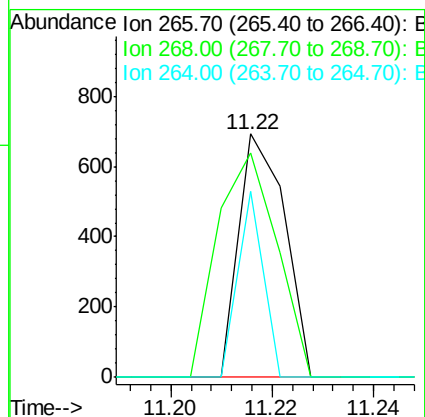
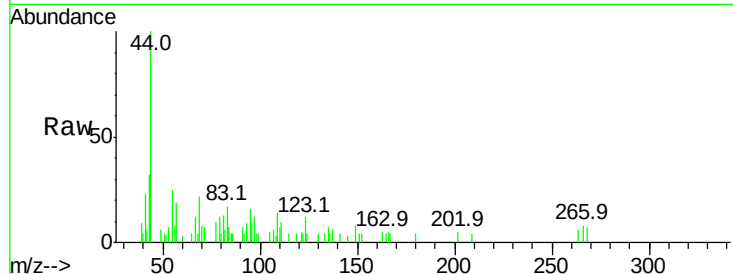
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





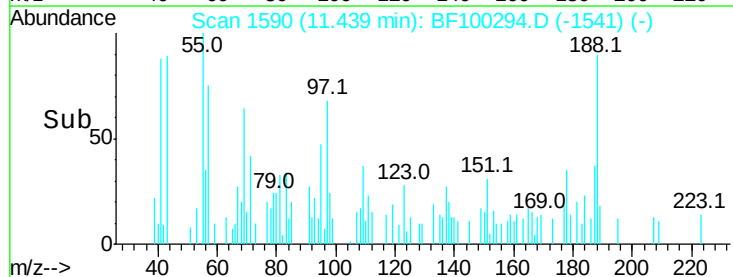
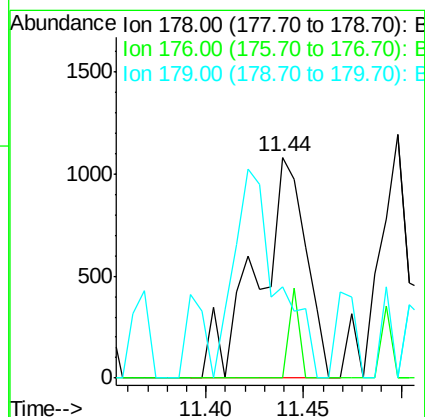
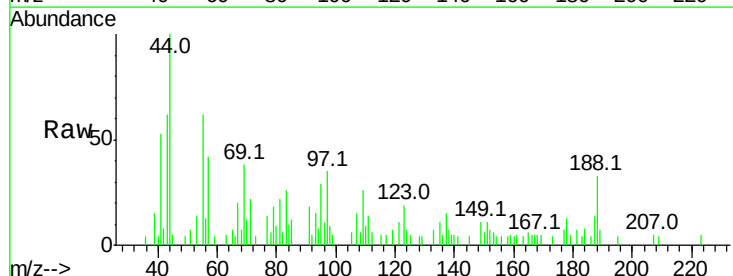
#69
 Pentachlorophenol
 Concen: 0.078 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BF100294.D
 Acq: 8 Nov 2017 16:28

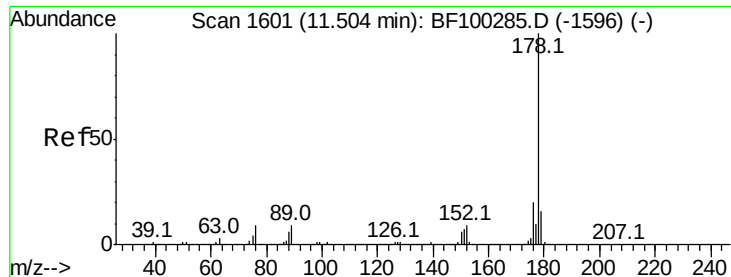
Tot Ion	Ratio	Lower	Upper
266	100		
268	92.1	51.1	76.7#
264	76.6	49.5	74.3#



#70
 Phenanthrene
 Concen: 0.051 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF100294.D
 Acq: 8 Nov 2017 16:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.8	23.8#
179	41.2	13.0	19.6#





#71

Anthracene

Concen: 0.035 ng

RT: 11.50 min Scan# 1600

Delta R.T. -0.01 min

Lab File: BF100294.D

Acq: 8 Nov 2017 16:28

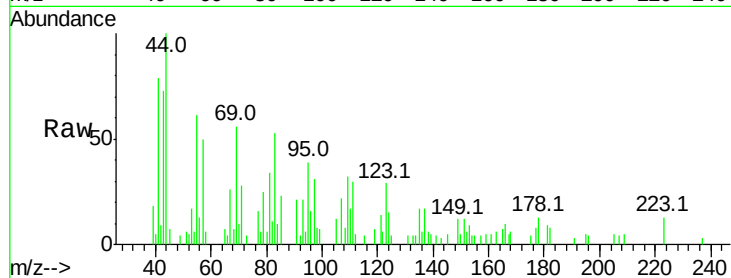
Tot Ion:178 Resp: 1309

Ion Ratio Lower Upper

178 100

176 0.0 15.4 23.2#

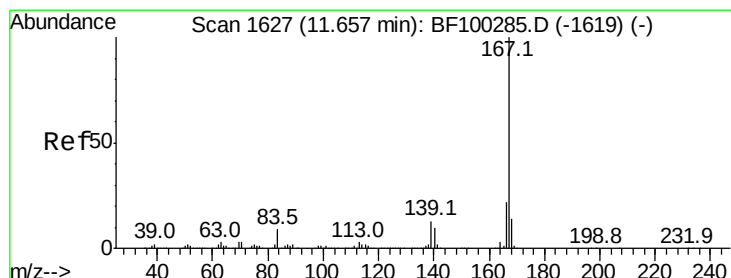
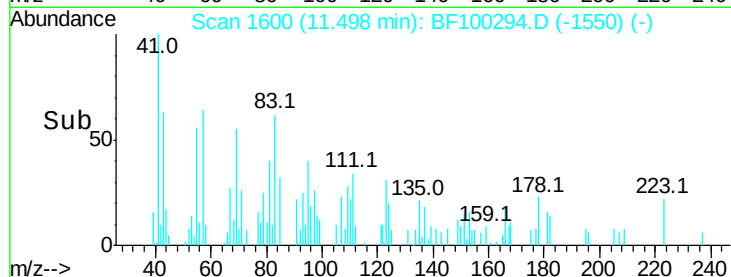
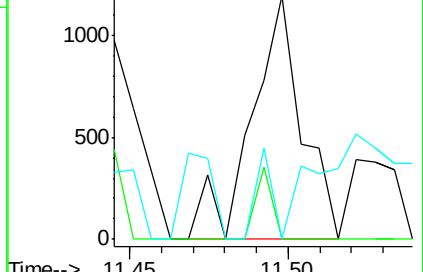
179 0.0 12.6 19.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 0.021 ng

RT: 11.65 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BF100294.D

Acq: 8 Nov 2017 16:28

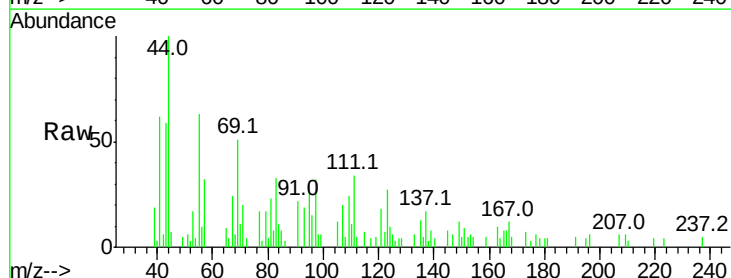
Tgt Ion:167 Resp: 725

Ion Ratio Lower Upper

167 100

166 65.8 17.6 26.4#

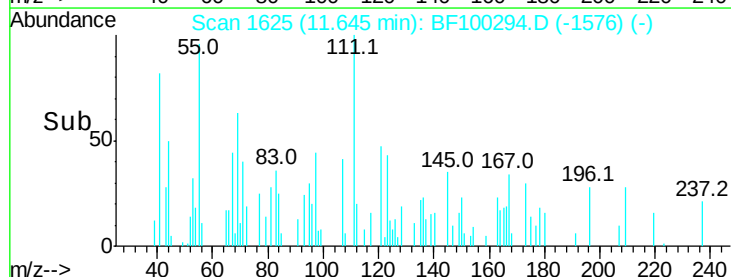
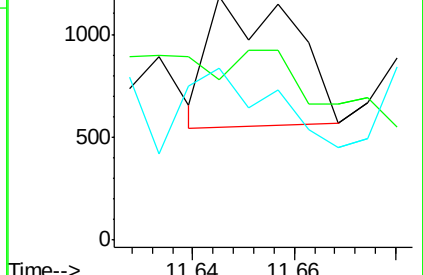
139 70.4 10.9 16.3#

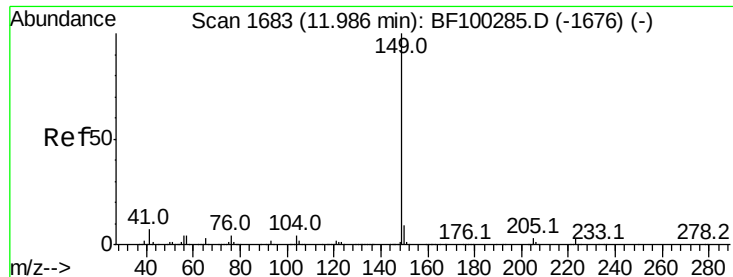


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

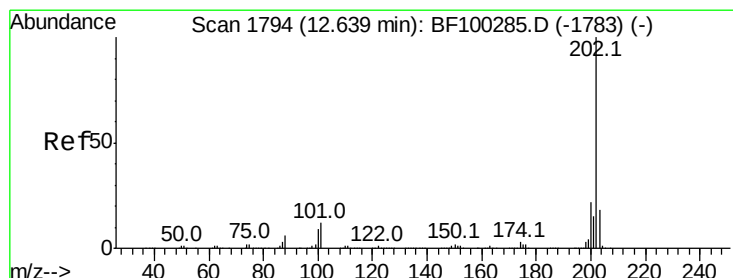
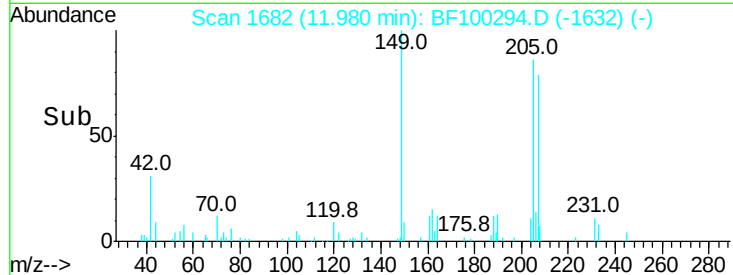
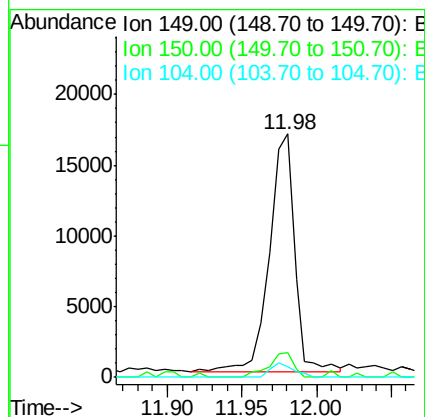
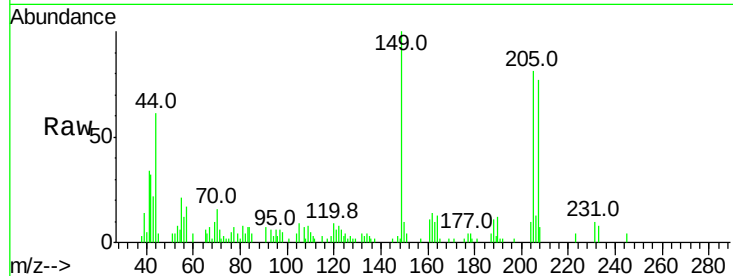
Ion 139.00 (138.70 to 139.70): E





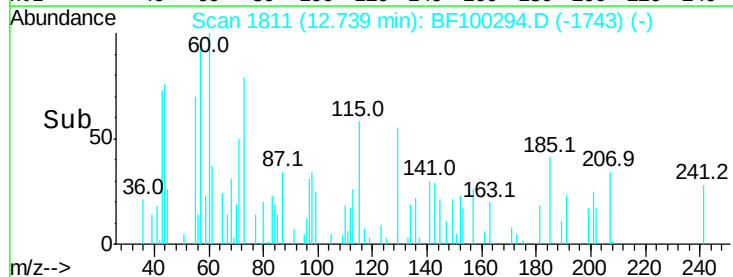
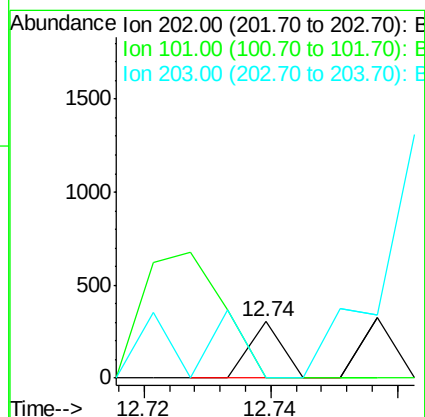
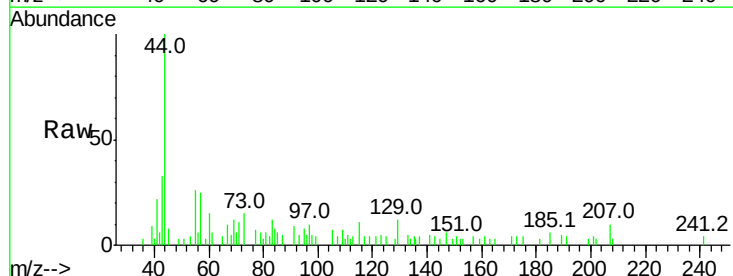
#73
Di-n-butylphthalate
Concen: 0.491 ng
RT: 11.98 min Scan# 1682
Delta R.T. -0.01 min
Lab File: BF100294.D
Acq: 8 Nov 2017 16:28

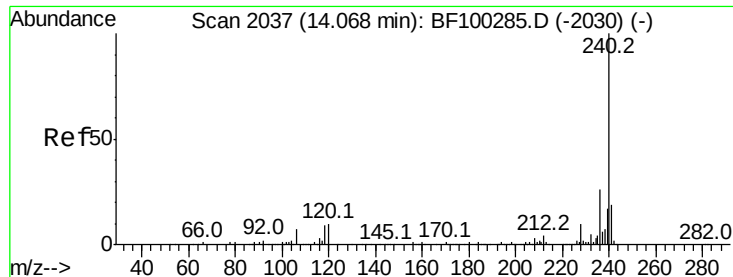
Tot Ion:149 Resp: 19631
Ion Ratio Lower Upper
149 100
150 10.0 7.8 11.6
104 4.4 3.8 5.8



#74
Fluoranthene
Concen: 0.003 ng
RT: 12.74 min Scan# 1811
Delta R.T. 0.10 min
Lab File: BF100294.D
Acq: 8 Nov 2017 16:28

Tgt Ion:202 Resp: 107
Ion Ratio Lower Upper
202 100
101 0.0 0.0 34.1
203 0.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF100294.D

Acq: 8 Nov 2017 16:28

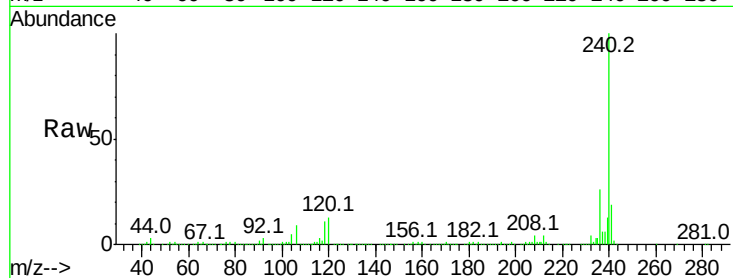
Tot Ion:240 Resp: 503405

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

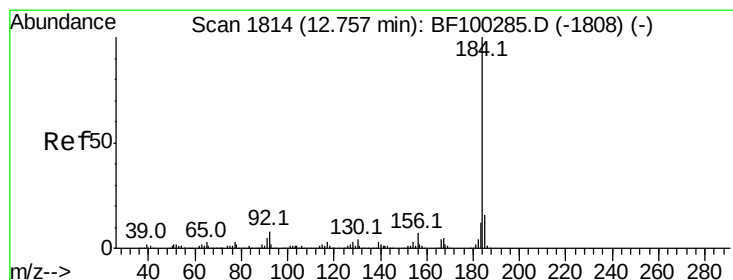
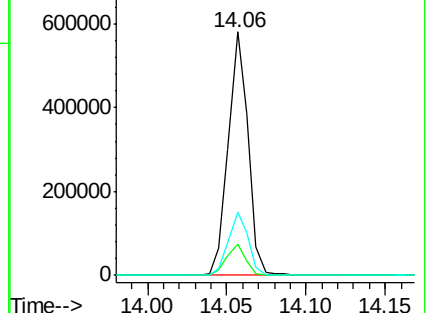
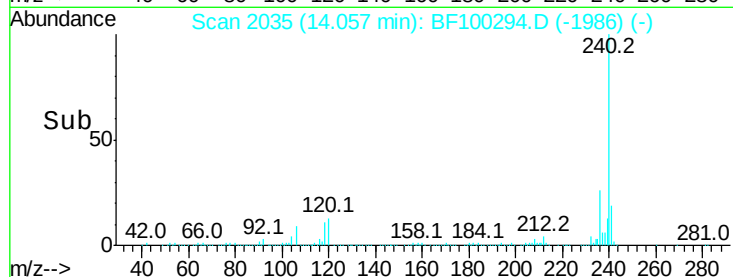
236 26.1 20.7 31.1



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



#76

Benzidine

Concen: 1.389 ng

RT: 13.02 min Scan# 1858

Delta R.T. 0.26 min

Lab File: BF100294.D

Acq: 8 Nov 2017 16:28

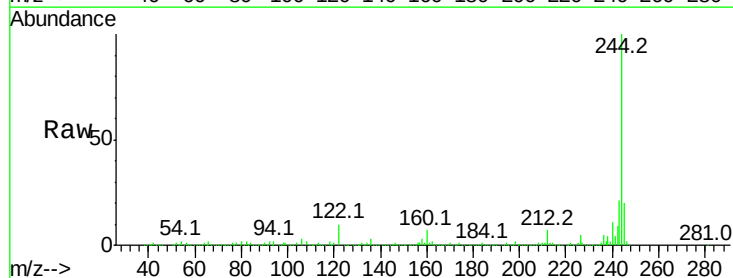
Tgt Ion:184 Resp: 28002

Ion Ratio Lower Upper

184 100

185 15.4 12.6 18.8

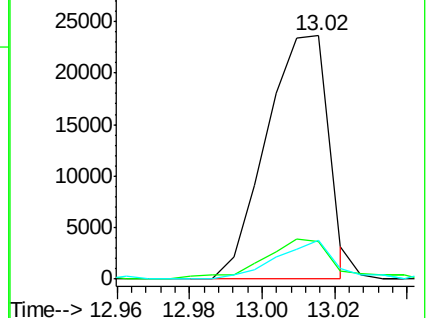
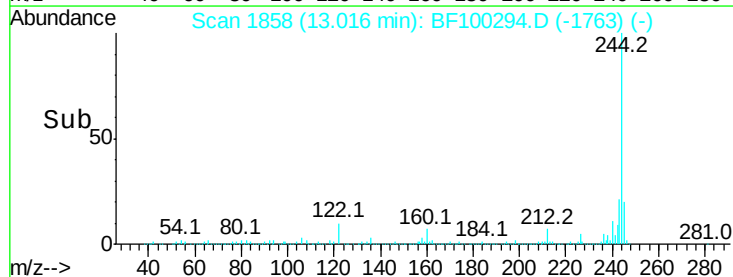
183 15.8 9.3 13.9#

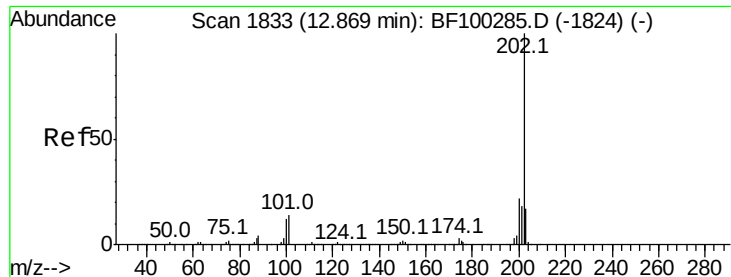


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 0.021 ng

RT: 12.86 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BF100294.D

Acq: 8 Nov 2017 16:28

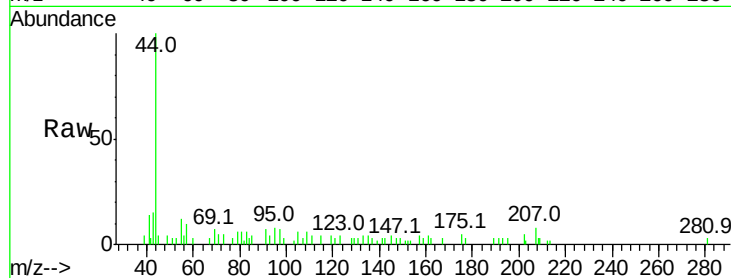
Tot Ion:202 Resp: 745

Ion Ratio Lower Upper

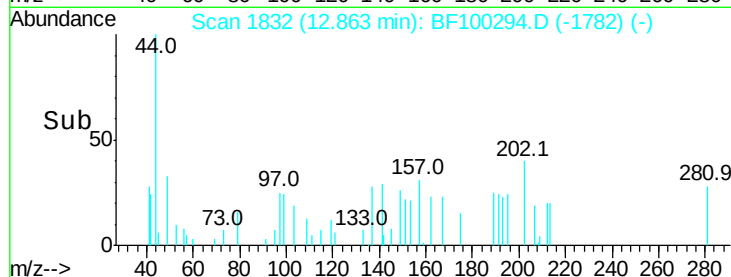
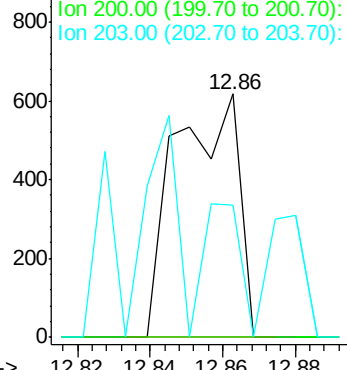
202 100

200 0.0 17.4 26.2#

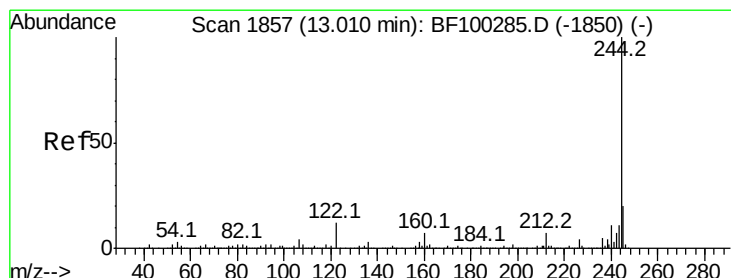
203 54.0 14.3 21.5#



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 95.105 ng

RT: 13.02 min Scan# 1858

Delta R.T. 0.01 min

Lab File: BF100294.D

Acq: 8 Nov 2017 16:28

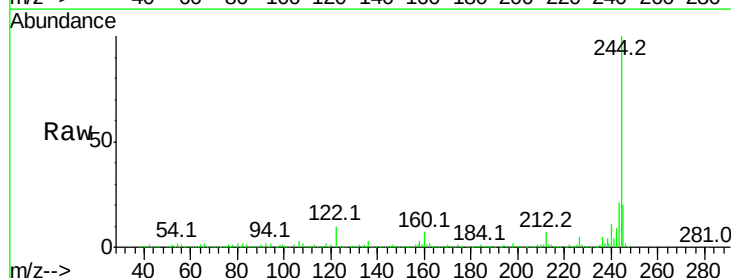
Tgt Ion:244 Resp: 2083647

Ion Ratio Lower Upper

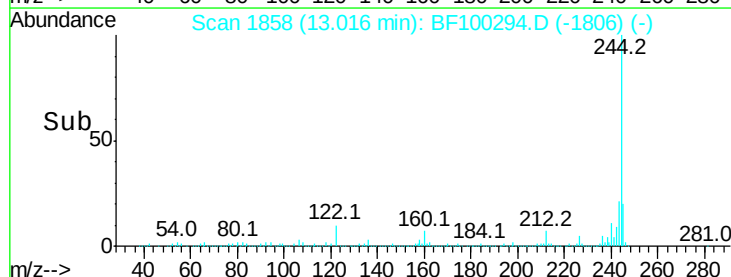
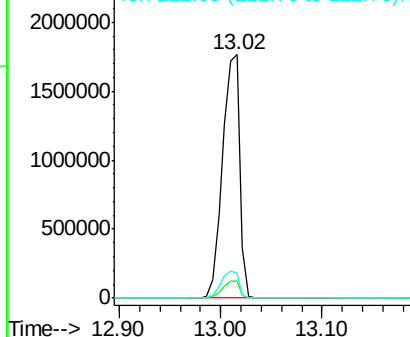
244 100

212 7.3 5.4 8.0

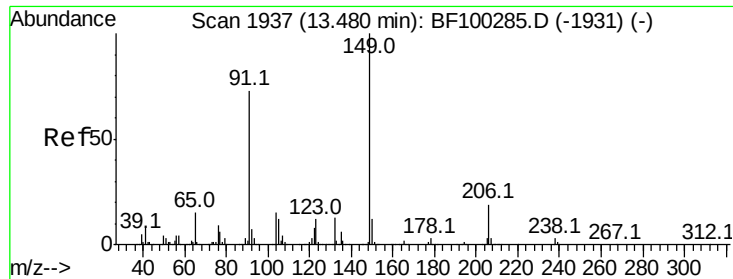
122 10.1 11.0 16.4#



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

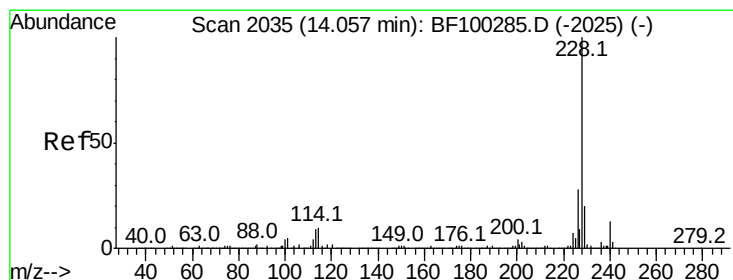
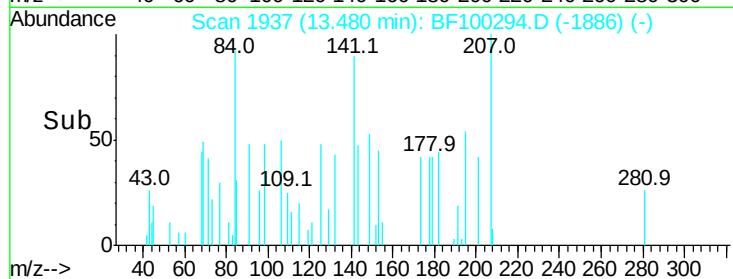
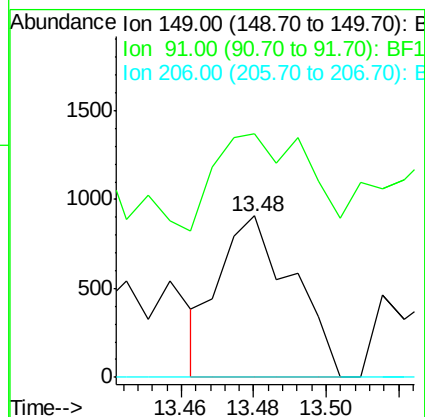
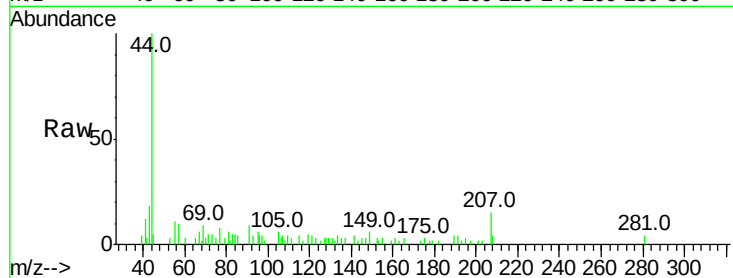


Time-->



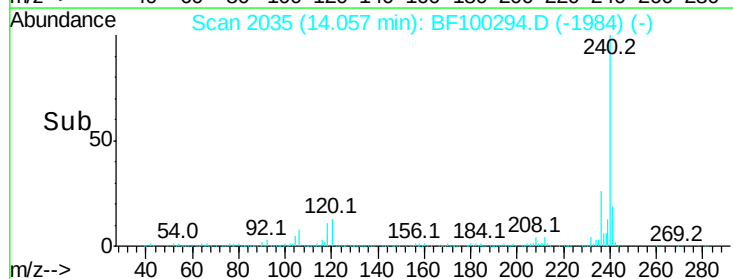
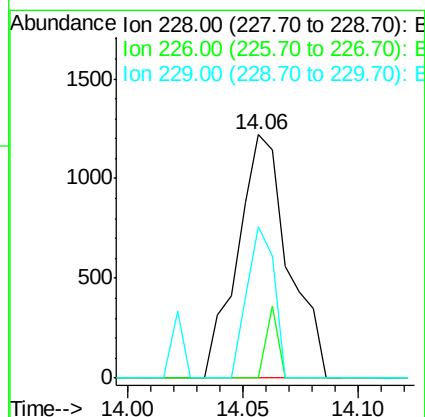
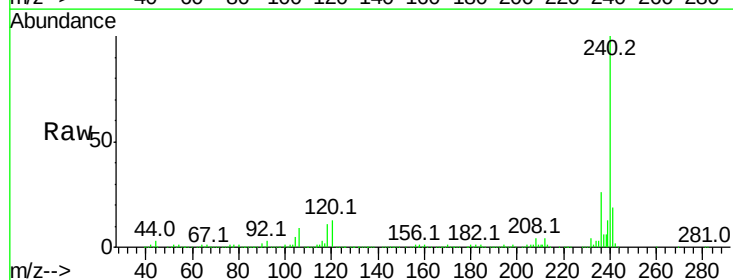
#79
Butylbenzylphthalate
Concen: 0.087 ng
RT: 13.48 min Scan# 1937
Delta R.T. 0.00 min
Lab File: BF100294.D
Acq: 8 Nov 2017 16:28

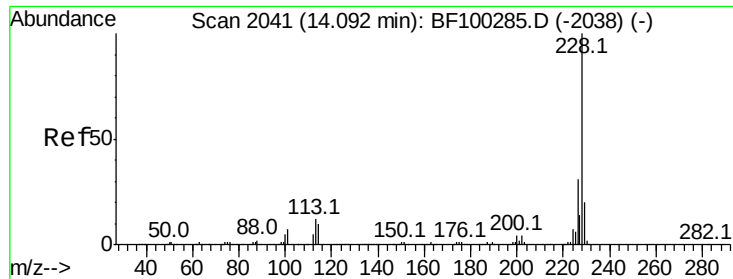
Tot Ion	Ratio	Lower	Upper
149	100		
91	150.8	56.8	85.2#
206	0.0	14.1	21.1#



#80
Benzo(a)anthracene
Concen: 0.062 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF100294.D
Acq: 8 Nov 2017 16:28

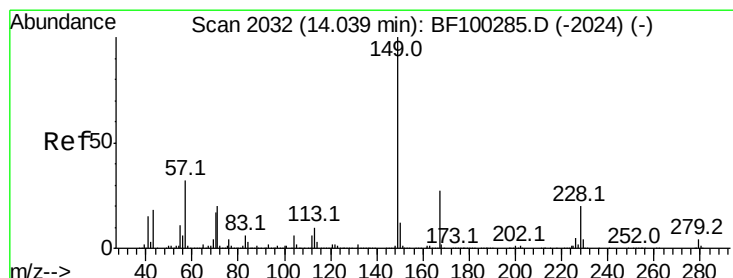
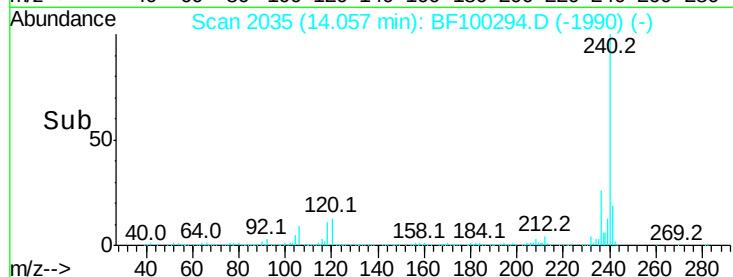
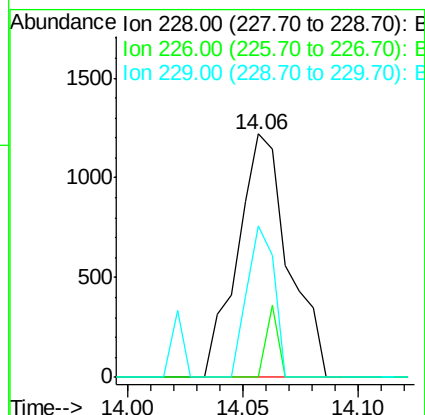
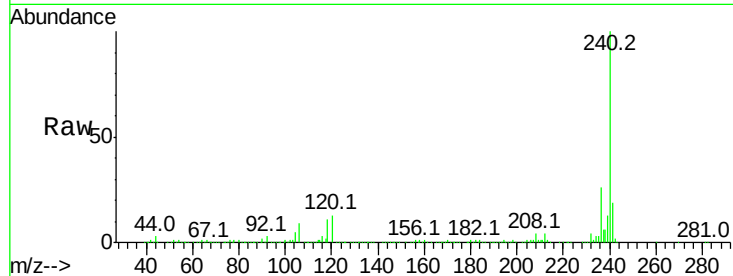
Tgt Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.6	33.8#
229	62.1	15.8	23.6#





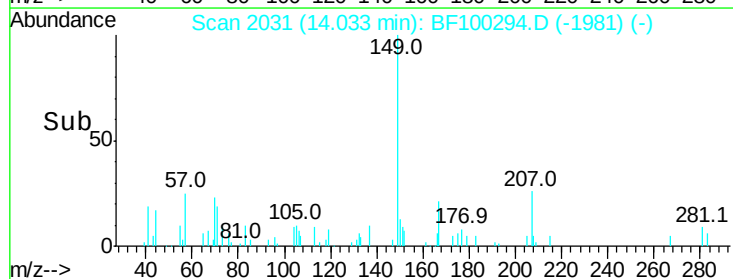
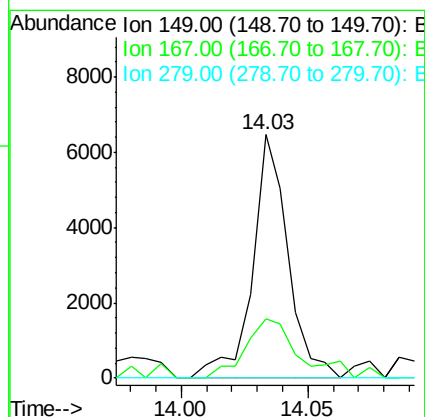
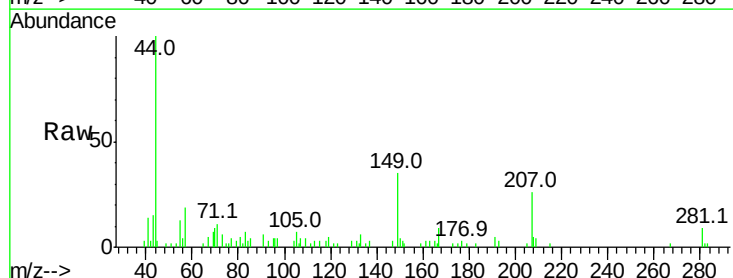
#82
 Chrysene
 Concen: 0.064 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.04 min
 Lab File: BF100294.D
 Acq: 8 Nov 2017 16:28

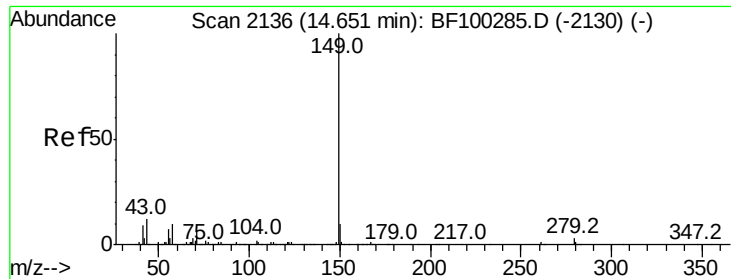
Tot Ion	Ratio	Lower	Upper
228	100		
226	0.0	25.0	37.6#
229	62.1	16.2	24.4#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.326 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF100294.D
 Acq: 8 Nov 2017 16:28

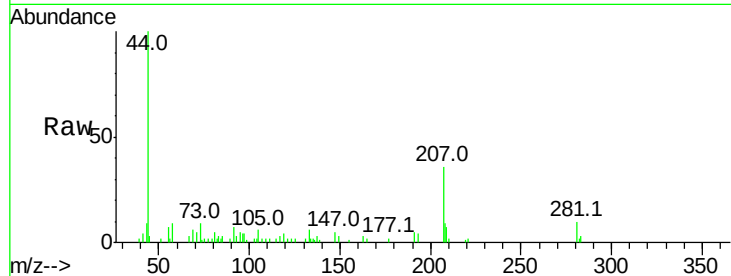
Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.3	21.3	31.9
279	0.0	3.0	4.4#



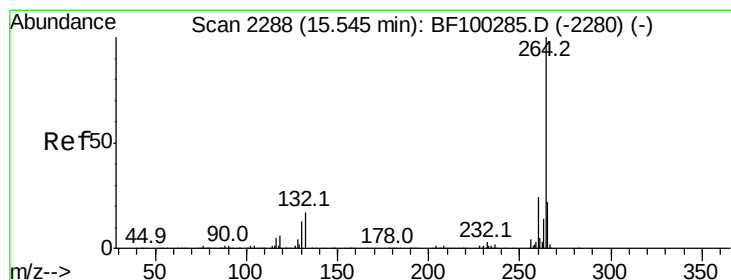
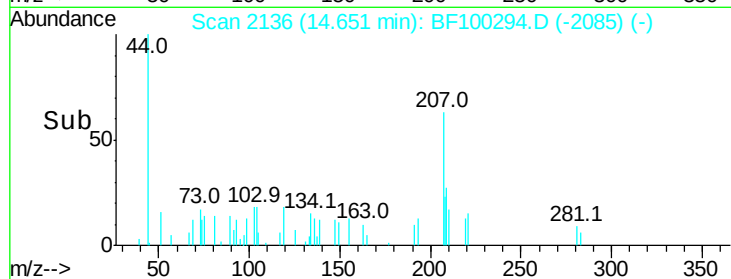
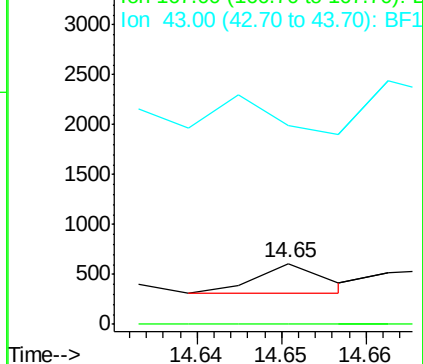


#84
Di-n-octyl phthalate
Concen: 0.005 ng
RT: 14.65 min Scan# 2136
Delta R.T. 0.00 min
Lab File: BF100294.D
Acq: 8 Nov 2017 16:28

Tot Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8
43	383.4	8.4	12.6

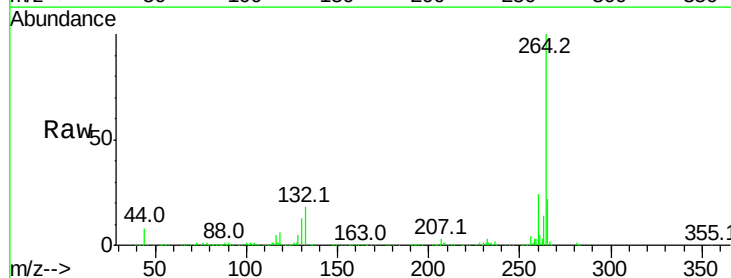


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

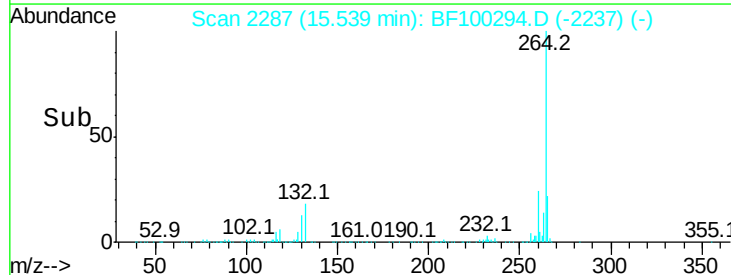
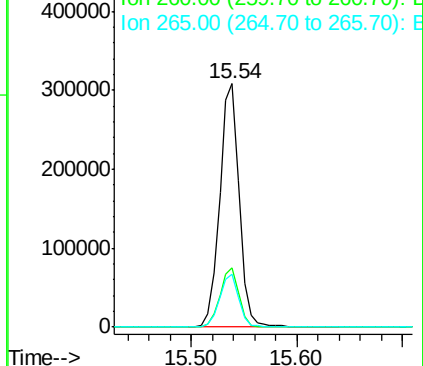


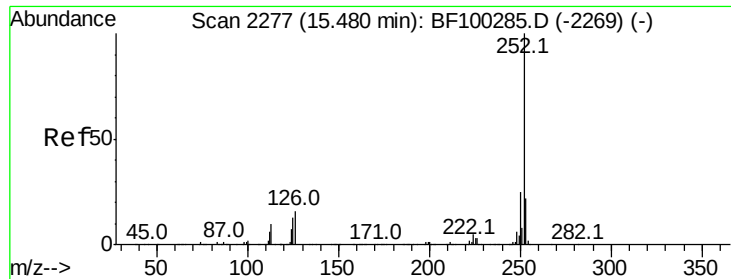
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BF100294.D
Acq: 8 Nov 2017 16:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.8	17.5	26.3



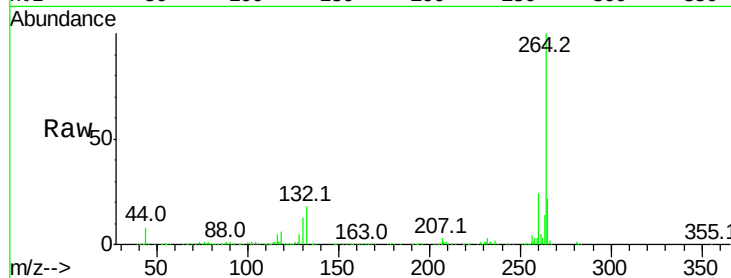
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#89
 Benzo(a)pyrene
 Concen: 0.064 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. 0.06 min
 Lab File: BF100294.D
 Acq: 8 Nov 2017 16:28

Tot Ion	Ratio	Lower	Upper
252	100		
253	48.1	17.1	25.7#
125	58.7	9.8	14.6#



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E

