

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110817\
 Data File : BF100293.D
 Acq On : 8 Nov 2017 16:01
 Operator : SJ/JU
 Sample : I6337-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 08 17:12:59 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	166938	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	684737	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	333144	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	650726	20.00	ng	0.00
75) Chrysene-d12	14.06	240	475359	20.00	ng	-0.01
86) Perylene-d12	15.53	264	372621	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	873086	83.84	ng	0.00
7) Phenol-d6	6.52	99	1069266	83.26	ng	0.00
23) Nitrobenzene-d5	7.46	82	652745	63.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	294004	86.61	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1193062	54.53	ng	0.00
78) Terphenyl-d14	13.00	244	1150960	55.63	ng	0.00

Target Compounds

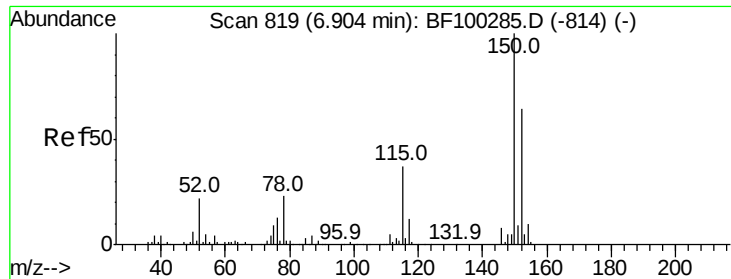
						Qvalue
2) 1,4-Dioxane	2.60	88	110	0.022	ng	# 1
6) Aniline	6.53	93	943	0.052	ng	# 1
8) 2-Chlorophenol	6.67	128	110	0.010	ng	# 1
9) Benzaldehyde	6.52	77	1926	0.210	ng	# 1
10) Phenol	6.53	94	53936	4.001	ng	98
11) bis(2-Chloroethyl)ether	6.66	93	1215	0.107	ng	# 1
12) 1,3-Dichlorobenzene	7.05	146	117	0.009	ng	# 1
13) 1,4-Dichlorobenzene	7.05	146	117	0.009	ng	# 1
14) 1,2-Dichlorobenzene	7.05	146	117	0.010	ng	# 1
15) Benzyl Alcohol	7.06	79	11052	1.103	ng	# 26
16) 2,2'-oxybis(1-Chloropropan	7.17	45	236	0.013	ng	70
19) n-Nitroso-di-n-propylamine	7.46	70	85450	9.595	ng	# 83
22) Acetophenone	7.30	105	173	0.010	ng	# 54
24) Nitrobenzene	7.46	77	1757	0.165	ng	# 34
25) Isophorone	7.46	82	652731	29.991	ng	# 64
27) 2,4-Dimethylphenol	7.83	122	145	0.015	ng	# 4
31) Naphthalene	8.20	128	494	0.015	ng	# 68
32) Benzoic acid	7.83	122	145	9.386	ng	# 84
36) 4-Chloro-3-methylphenol	8.73	107	2192	0.219	ng	# 20
37) 2-Methylnaphthalene	8.89	142	113	0.005	ng	# 15
45) 1,1'-Biphenyl	9.35	154	2076	0.072	ng	99
46) 2-Chloronaphthalene	9.65	162	4393	0.210	ng	# 1
47) 2-Nitroaniline	9.65	65	3952	3.387	ng	# 1
48) Acenaphthylene	9.79	152	994	0.029	ng	# 75
49) Dimethylphthalate	9.65	163	450493	17.711	ng	99
50) 2,6-Dinitrotoluene	9.65	165	5184	1.030	ng	# 2
51) Acenaphthene	9.96	154	135	0.006	ng	# 67
54) Dibenzofuran	10.13	168	350	0.012	ng	# 45
56) 2,4-Dinitrotoluene	9.93	165	41293	6.501	ng	# 23
57) Fluorene	10.48	166	622	0.029	ng	# 84
59) Diethylphthalate	10.35	149	12202	0.479	ng	93
62) Azobenzene	10.65	77	241326	10.066	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.72	198	661	8.735	ng	# 1
65) n-Nitrosodiphenylamine	10.72	169	8907	0.394	ng	# 49

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) 4-Bromophenyl-phenylether	10.72	248	18222	2.612	nq	# 1
70) Phenanthrene	11.45	178	11872	0.347	nq	95
71) Anthracene	11.49	178	1977	0.057	nq	# 93
72) Carbazole	11.65	167	945	0.029	nq	# 71
73) Di-n-butylphthalate	11.97	149	19618	0.523	nq	# 95
74) Fluoranthene	12.63	202	25499	0.702	nq	96
76) Benzdine	13.00	184	14662	0.770	nq	100
77) Pyrene	12.86	202	24943	0.736	nq	96
79) Butylbenzylphthalate	13.47	149	1361	0.098	nq	# 88
80) Benzo(a)anthracene	14.08	228	10172	0.355	nq	98
82) Chrysene	14.08	228	10172	0.367	nq	98
83) Bis(2-ethylhexyl)phthalate	14.03	149	4661	0.256	nq	# 98
84) Di-n-octyl phthalate	14.65	149	342	0.011	nq	# 1
85) Indeno(1,2,3-cd)pyrene	17.01	276	4280	0.191	nq	98
87) Benzo(b)fluoranthene	15.10	252	14376	0.651	nq	# 92
88) Benzo(k)fluoranthene	15.10	252	14376	0.689	nq	# 92
89) Benzo(a)pyrene	15.47	252	6370	0.325	nq	# 82
90) Dibenzo(a,h)anthracene	17.02	278	462	0.029	nq	# 54
91) Benzo(g,h,i)perylene	17.46	276	4085	0.261	nq	# 95

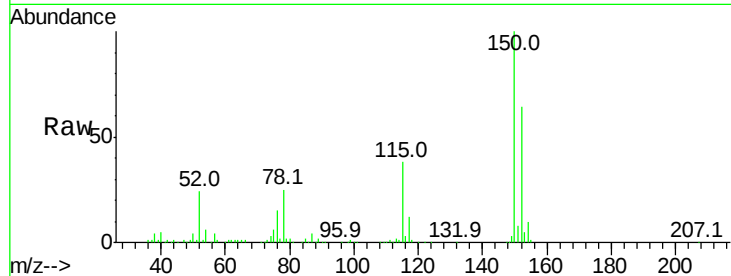
(#) = qualifier out of range (m) = manual integration (+) = signals summed



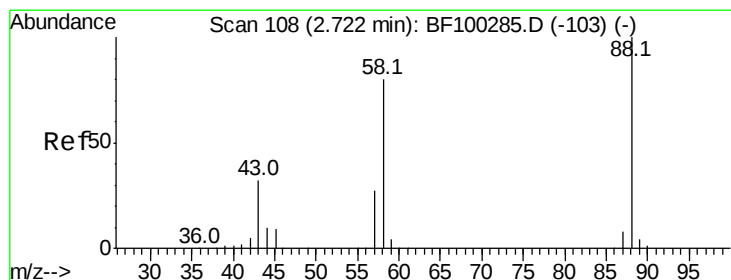
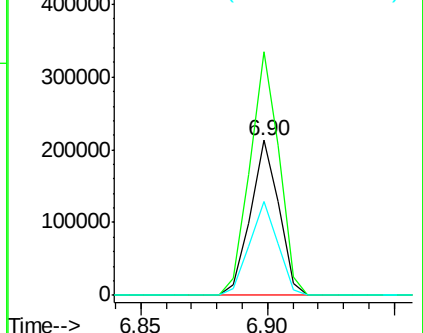
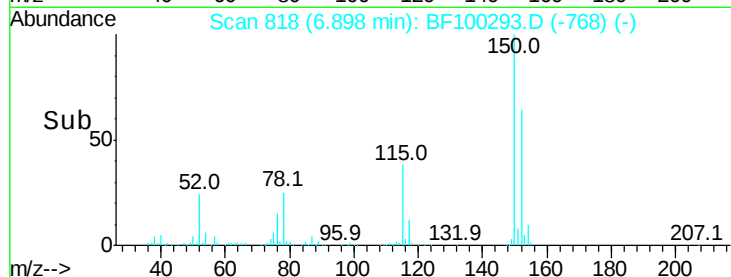
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100293.D
Acq: 8 Nov 2017 16:01

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	186.8
115	60.2	50.1	75.1



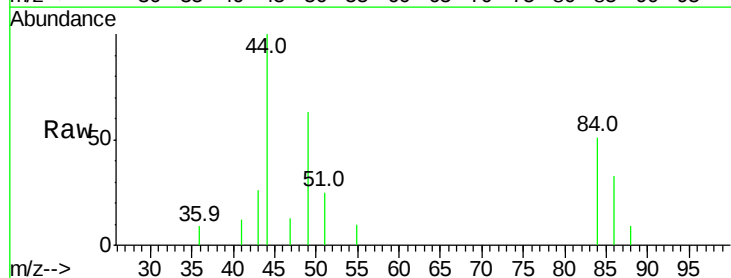
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



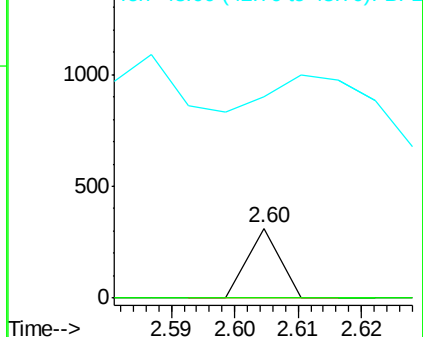
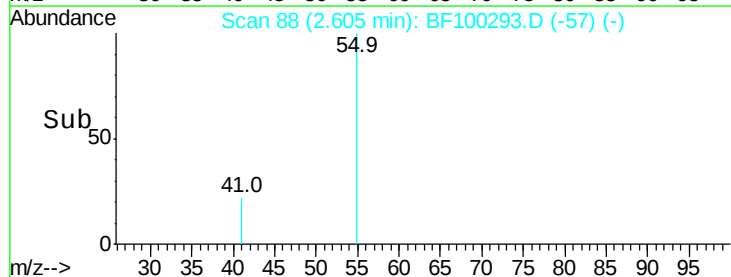
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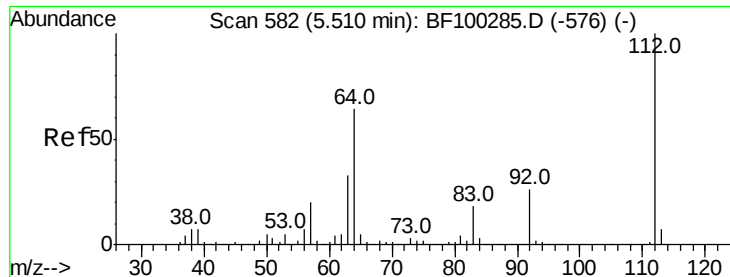
1,4-Dioxane
Concen: 0.022 ng
RT: 2.60 min Scan# 88
Delta R.T. -0.12 min
Lab File: BF100293.D
Acq: 8 Nov 2017 16:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	62.6	93.8#
43	338.2	24.6	37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#5

2-Fluorophenol

Concen: 83.836 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF100293.D

Acq: 8 Nov 2017 16:01

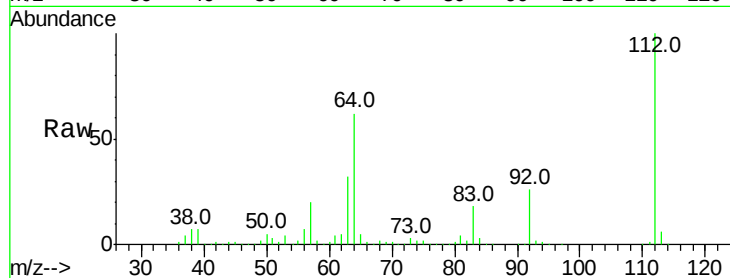
Tot Ion:112 Resp: 873086

Ion Ratio Lower Upper

112 100

64 61.7 47.9 71.9

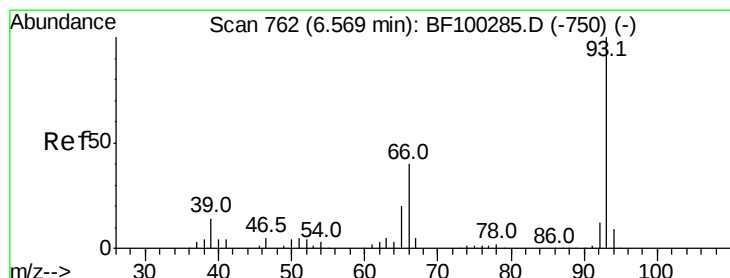
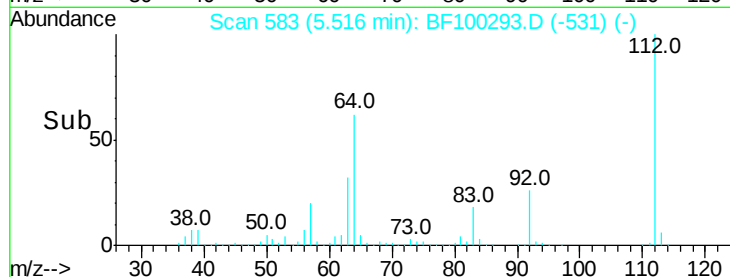
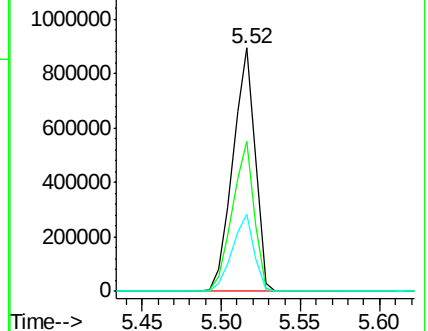
63 31.9 23.7 35.5



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: 0.052 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.04 min

Lab File: BF100293.D

Acq: 8 Nov 2017 16:01

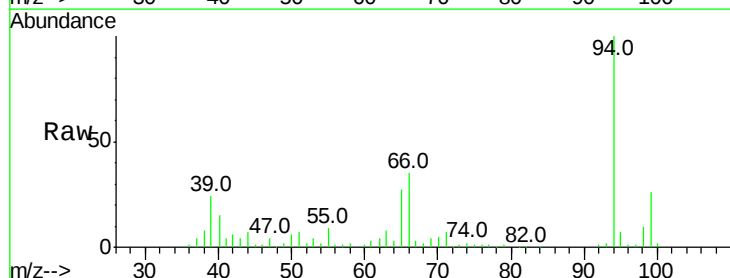
Tgt Ion: 93 Resp: 943

Ion Ratio Lower Upper

93 100

66 1831.6 32.2 48.2#

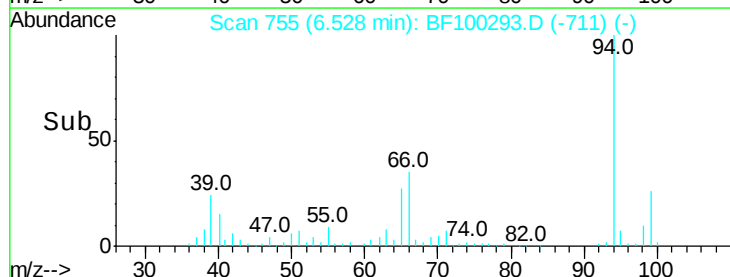
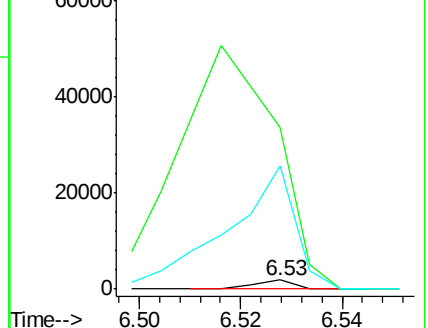
65 1394.5 16.4 24.6#

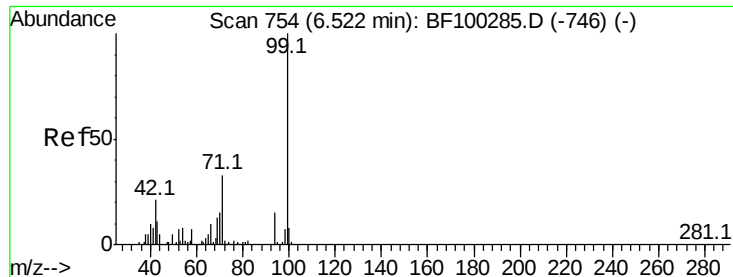


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 83.263 ng

RT: 6.52 min Scan# 753

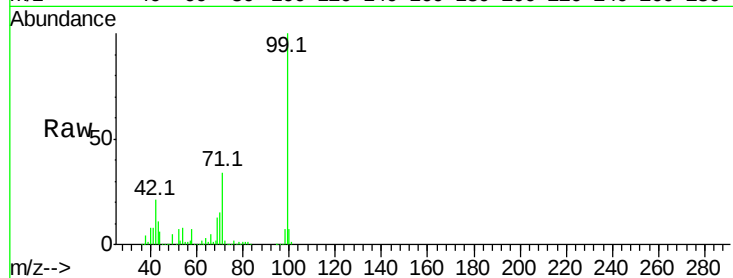
Delta R.T. -0.01 min

Lab File: BF100293.D

Acq: 8 Nov 2017 16:01

Tot Ion: 99 Resp: 1069266

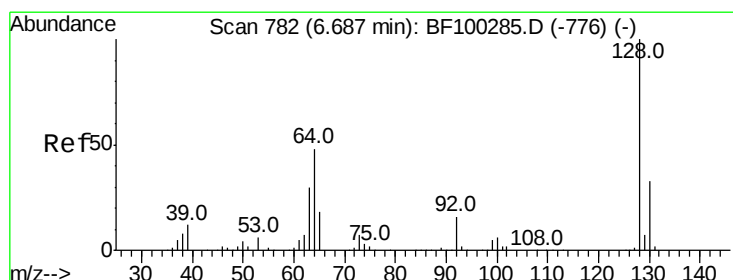
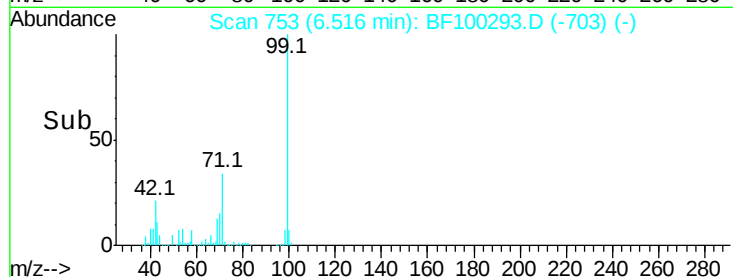
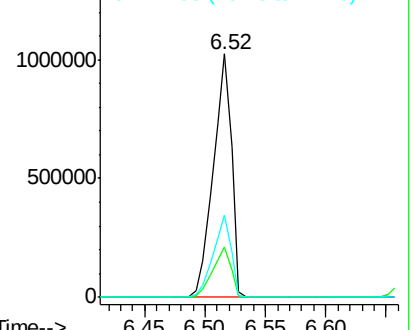
Ion	Ratio	Lower	Upper
99	100		
42	20.9	14.5	21.7
71	33.7	25.4	38.0



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: 0.010 ng

RT: 6.67 min Scan# 779

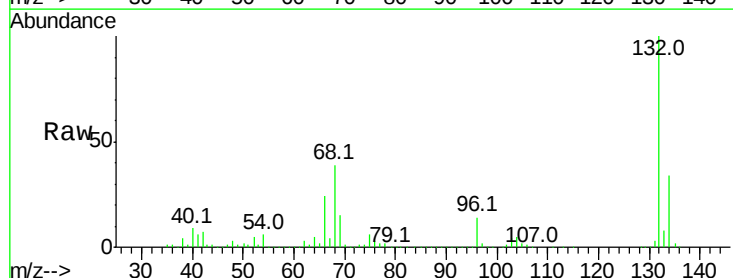
Delta R.T. -0.02 min

Lab File: BF100293.D

Acq: 8 Nov 2017 16:01

Tgt Ion: 128 Resp: 110

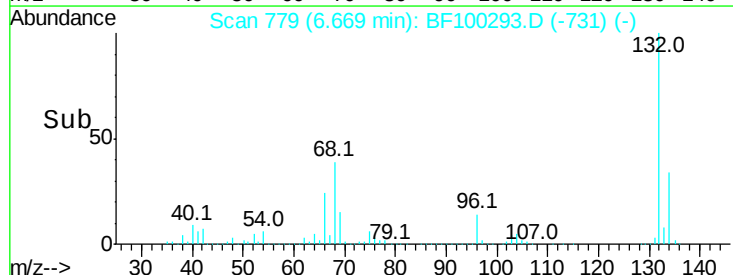
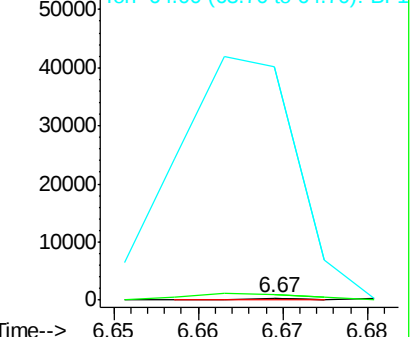
Ion	Ratio	Lower	Upper
128	100		
130	326.0	13.0	53.0#
64	12884.6	29.4	69.4#

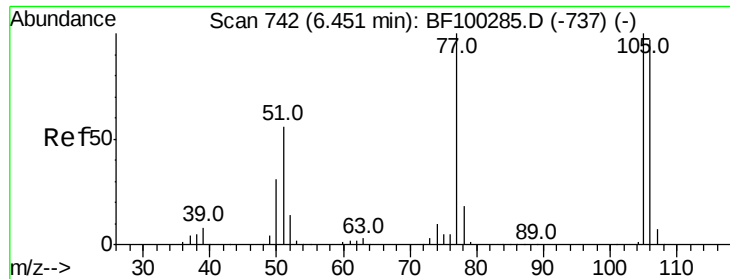


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 0.210 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.06 min

Lab File: BF100293.D

Acq: 8 Nov 2017 16:01

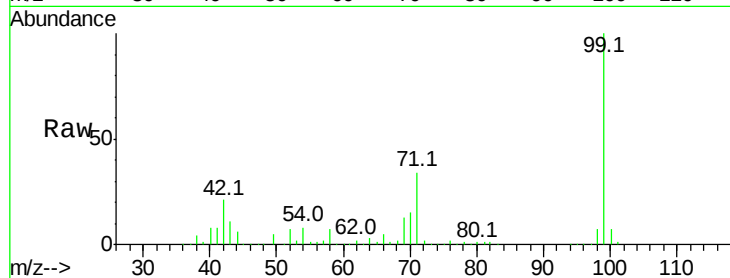
Tot Ion: 77 Resp: 1926

Ion Ratio Lower Upper

77 100

105 0.0 81.1 121.1#

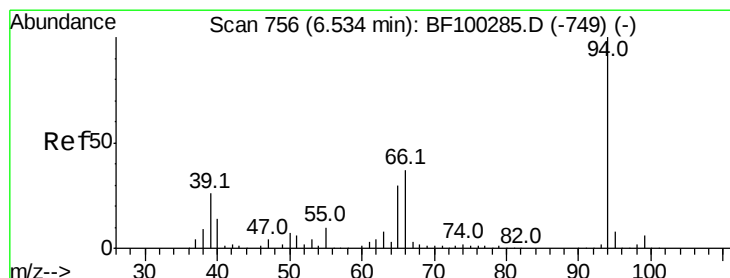
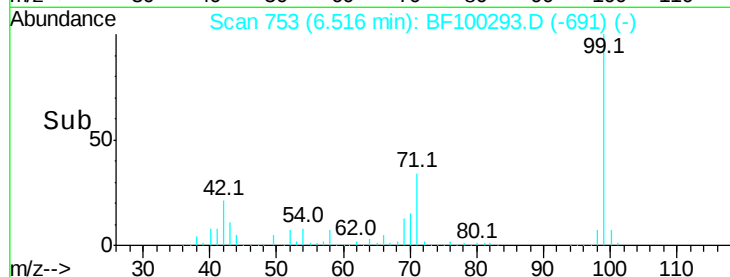
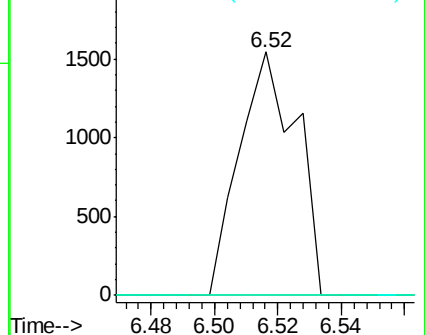
106 0.0 74.5 114.5#



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: 4.001 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF100293.D

Acq: 8 Nov 2017 16:01

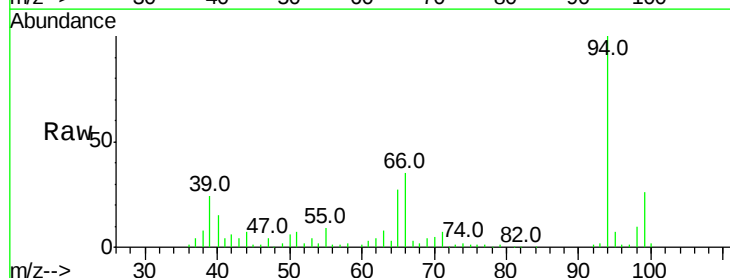
Tgt Ion: 94 Resp: 53936

Ion Ratio Lower Upper

94 100

65 26.9 7.9 47.9

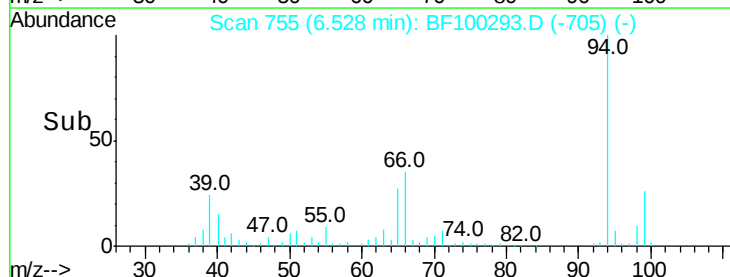
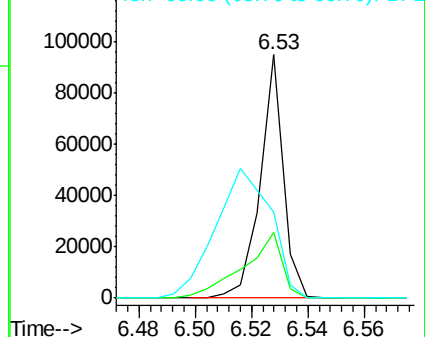
66 35.3 16.2 56.2

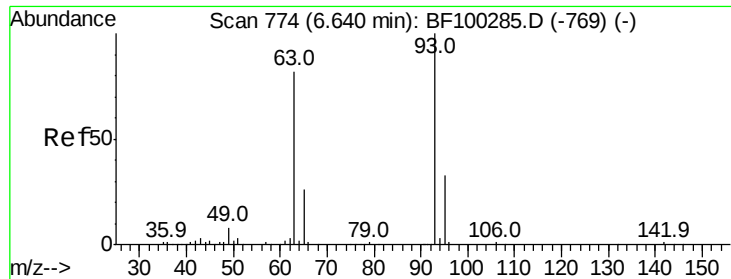


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

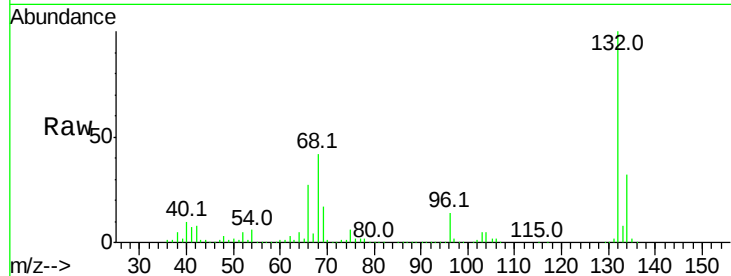
Ion 66.00 (65.70 to 66.70): BF1



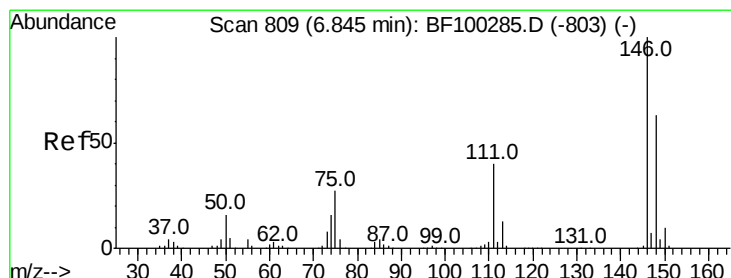
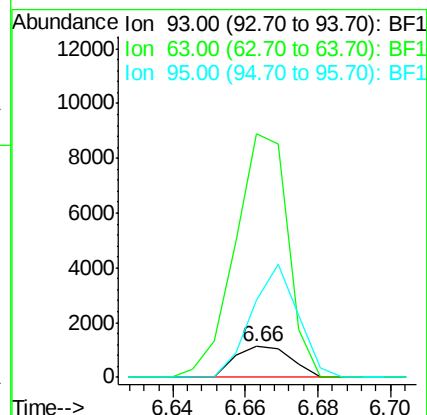
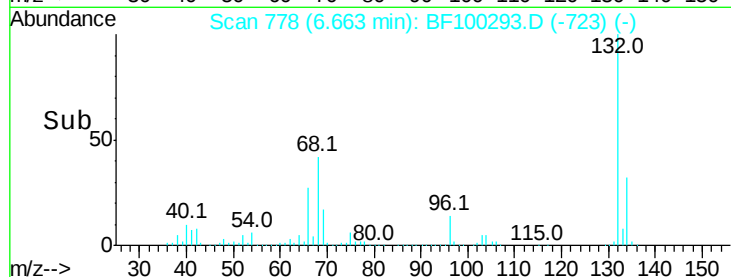


#11
bis(2-Chloroethyl)ether
Concen: 0.107 ng
RT: 6.66 min Scan# 778
Delta R.T. 0.02 min
Lab File: BF100293.D
Acq: 8 Nov 2017 16:01

Tot Ion	Ratio	Lower	Upper
93	100		
63	788.5	58.6	98.6#
95	248.6	11.8	51.8#

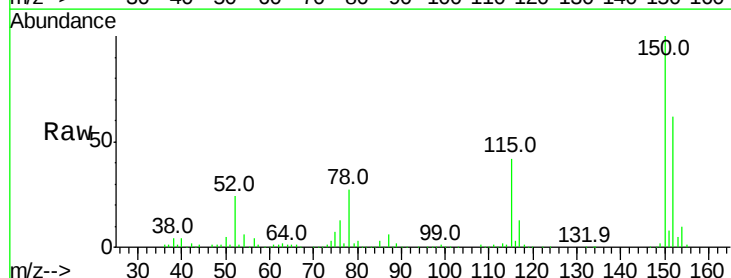


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

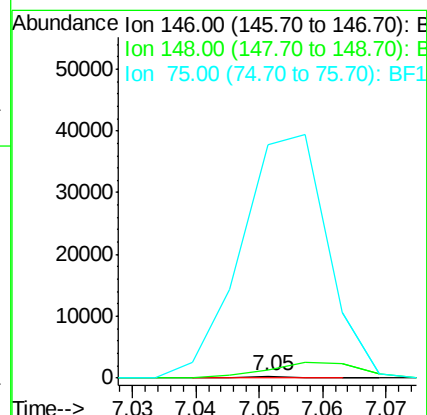
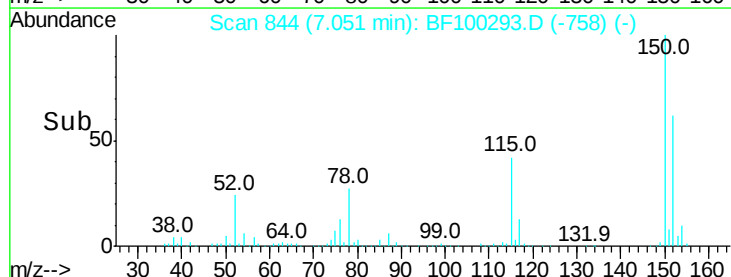


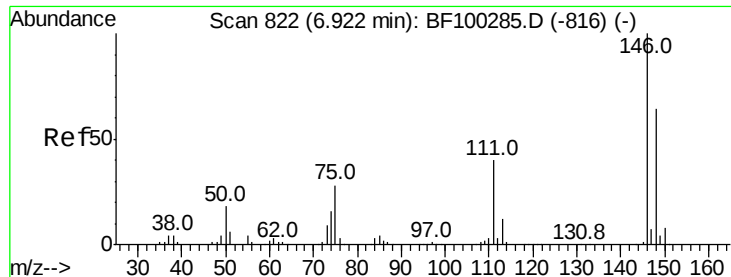
#12
1,3-Dichlorobenzene
Concen: 0.009 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.21 min
Lab File: BF100293.D
Acq: 8 Nov 2017 16:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	423.8	51.8	77.8#
75	11366.3	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: 0.009 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.13 min

Lab File: BF100293.D

Acq: 8 Nov 2017 16:01

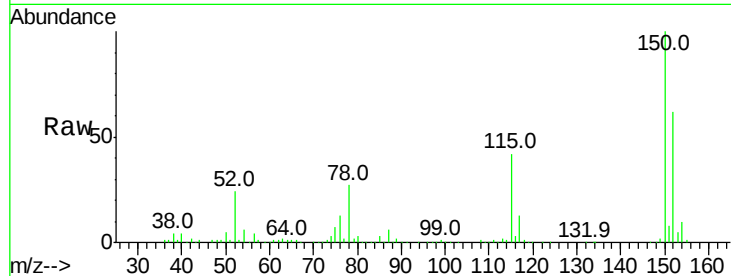
Tot Ion:146 Resp: 117

Ion Ratio Lower Upper

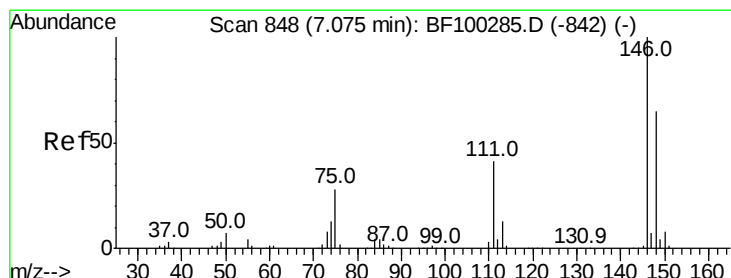
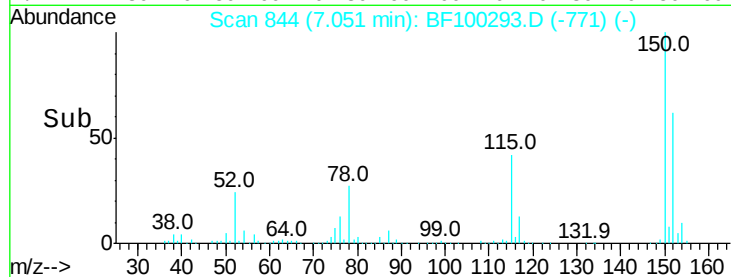
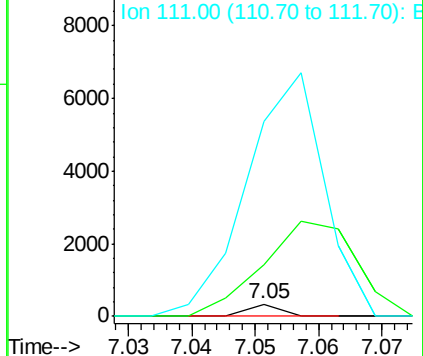
146 100

148 423.8 50.8 76.2#

111 1616.9 34.2 51.2#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 0.010 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.02 min

Lab File: BF100293.D

Acq: 8 Nov 2017 16:01

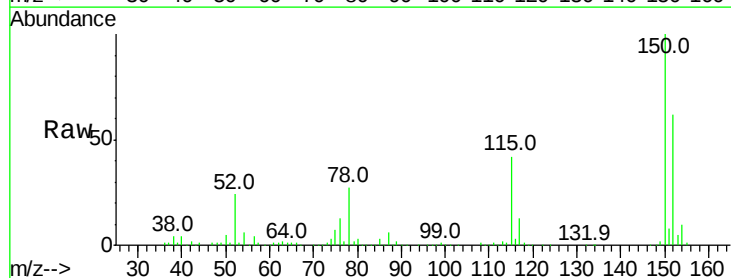
Tgt Ion:146 Resp: 117

Ion Ratio Lower Upper

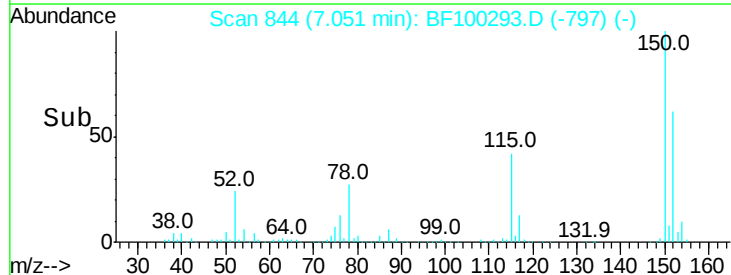
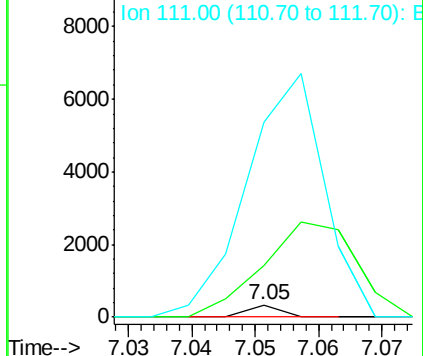
146 100

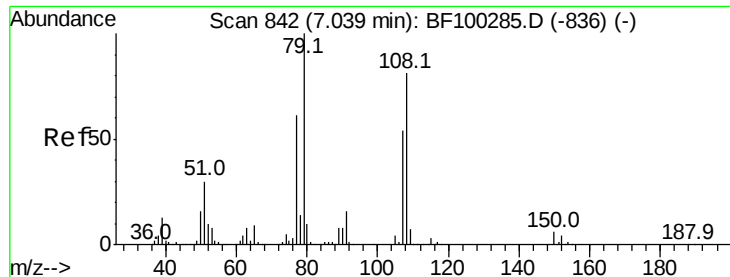
148 423.8 50.6 75.8#

111 1616.9 36.0 54.0#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 1.103 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.02 min

Lab File: BF100293.D

Acq: 8 Nov 2017 16:01

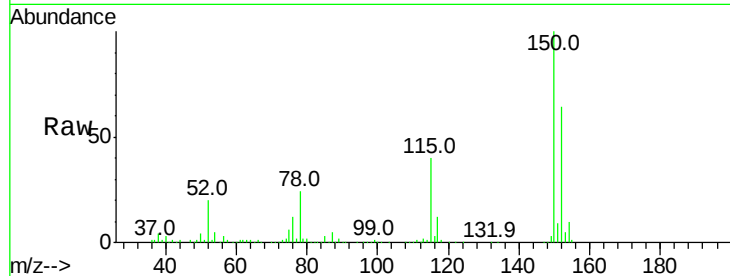
Tot Ion: 79 Resp: 11052

Ion Ratio Lower Upper

79 100

108 30.5 65.1 97.7#

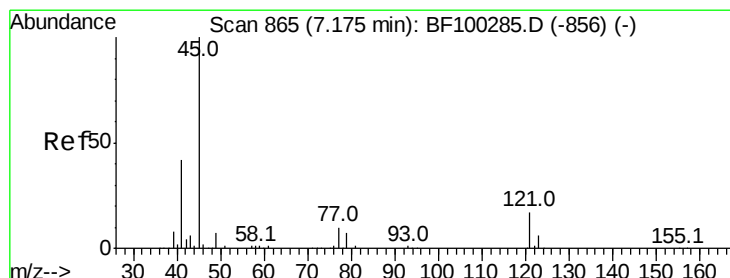
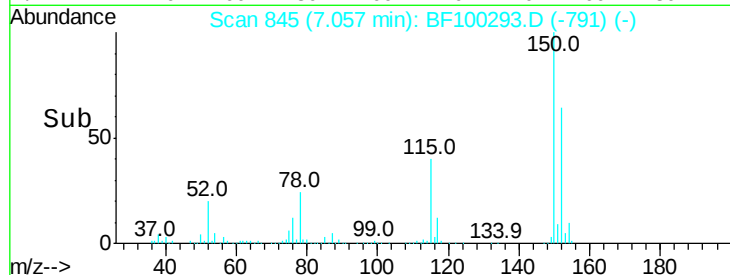
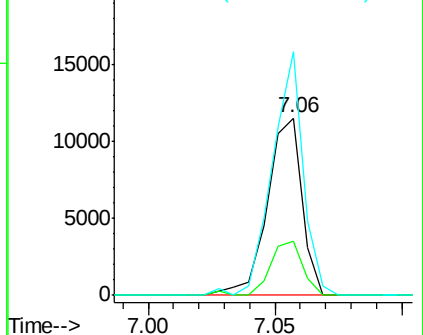
77 137.5 50.6 75.8#



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: 0.013 ng

RT: 7.17 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF100293.D

Acq: 8 Nov 2017 16:01

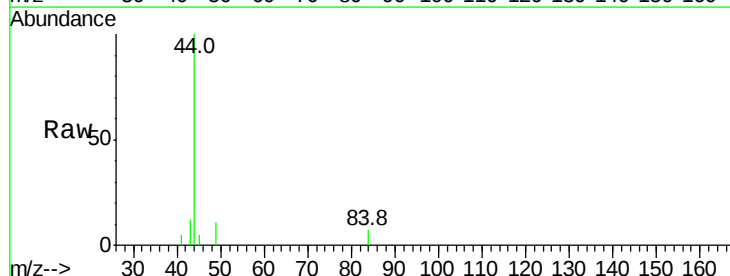
Tgt Ion: 45 Resp: 236

Ion Ratio Lower Upper

45 100

77 0.0 0.0 32.9

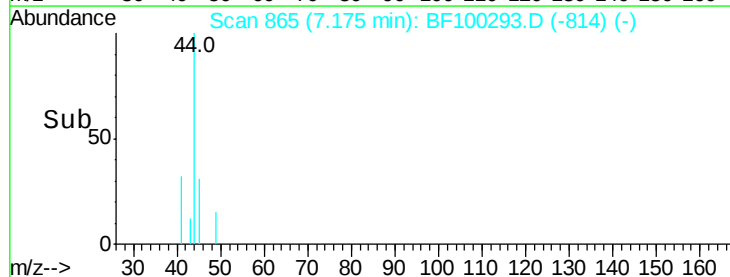
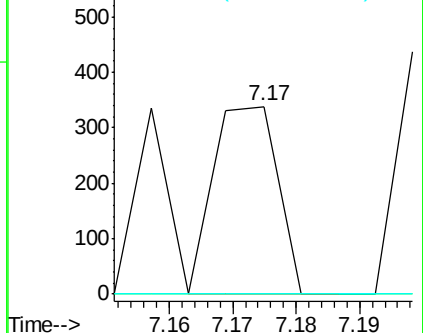
79 0.0 0.0 29.6

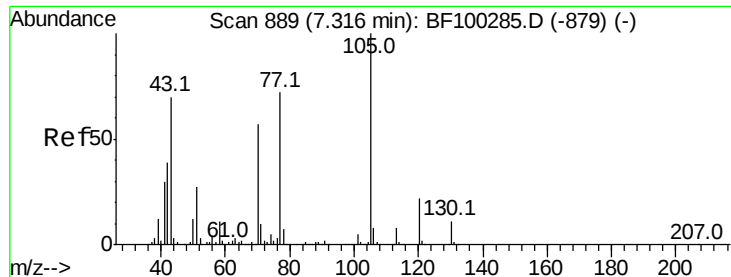


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

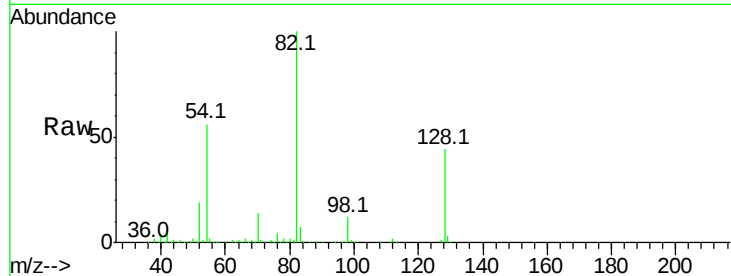
Ion 79.00 (78.70 to 79.70): BF1



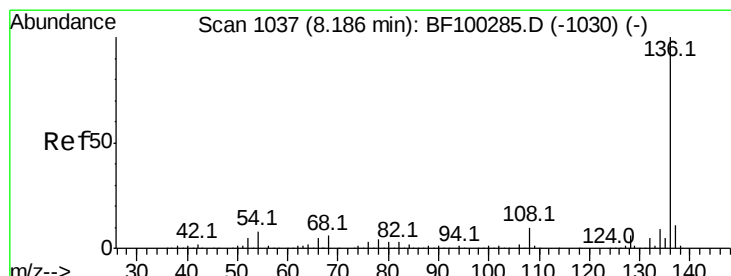
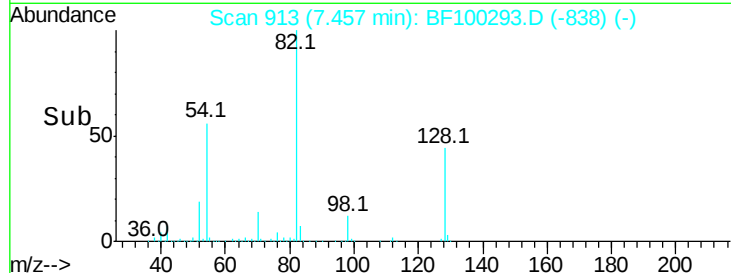
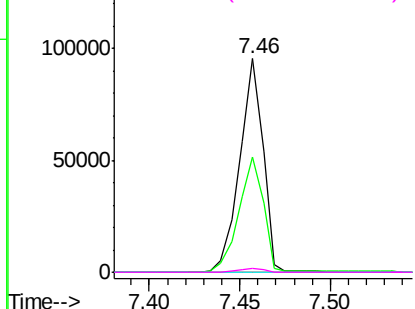


#19
n-Nitroso-di-n-propylamine
Concen: 9.595 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.14 min
Lab File: BF100293.D
Acq: 8 Nov 2017 16:01

Tot Ion: 70 Resp: 85450
Ion Ratio Lower Upper
70 100
42 53.9 47.5 71.3
101 0.0 7.4 11.2#
130 1.9 16.6 25.0#

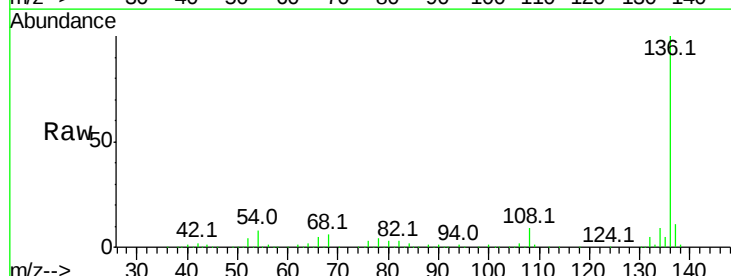


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

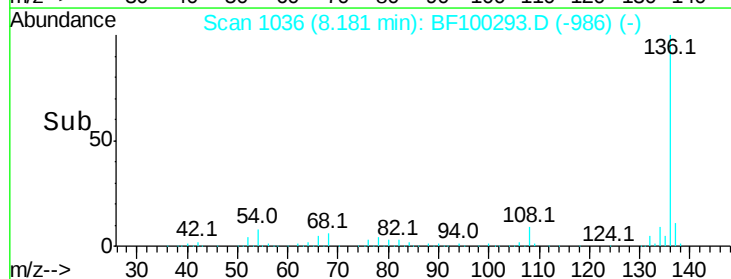
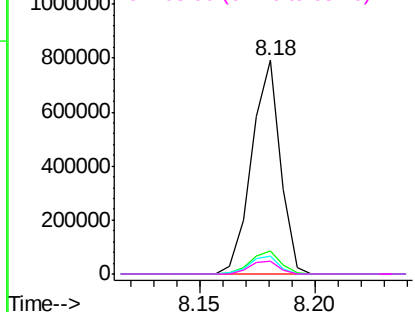


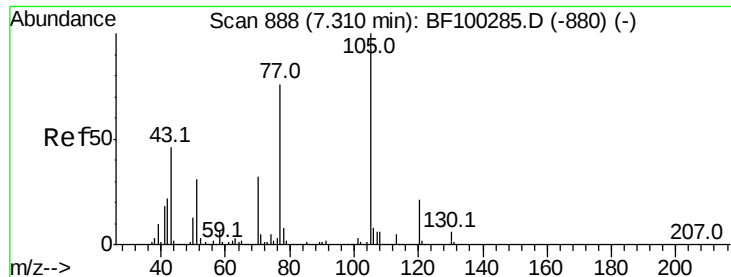
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100293.D
Acq: 8 Nov 2017 16:01

Tgt Ion: 136 Resp: 684737
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.3 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: 0.010 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF100293.D

Acq: 8 Nov 2017 16:01

Tot Ion: 105 Resp: 173

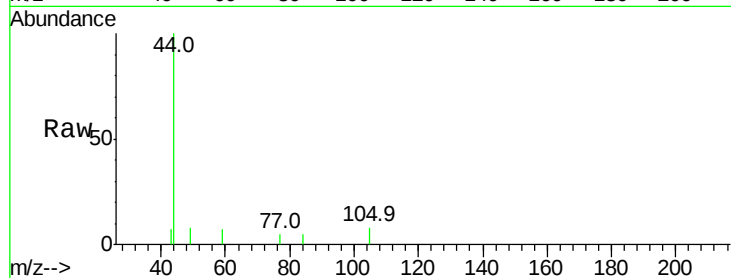
Ion Ratio Lower Upper

105 100

71 0.0 4.4 6.6#

51 0.0 22.3 33.5#

120 0.0 16.9 25.3#

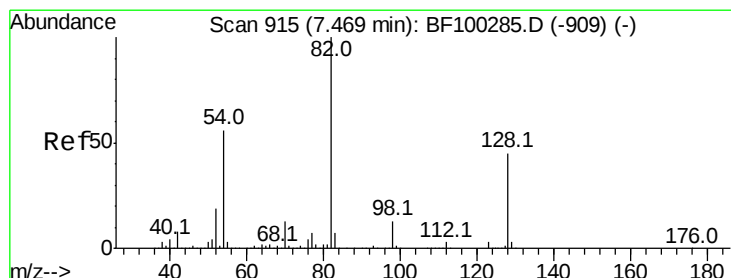
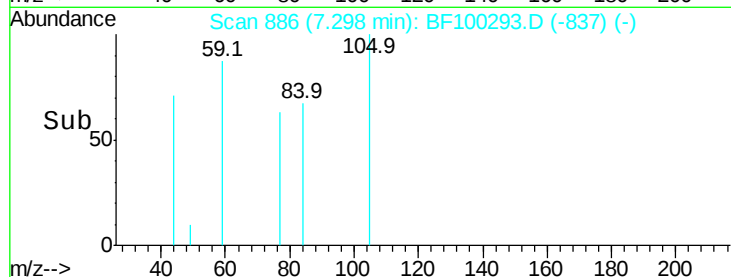
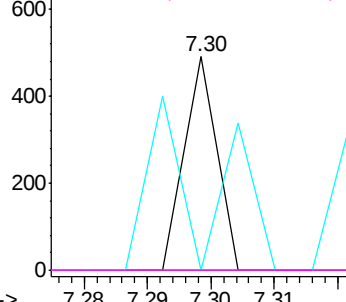


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 63.024 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF100293.D

Acq: 8 Nov 2017 16:01

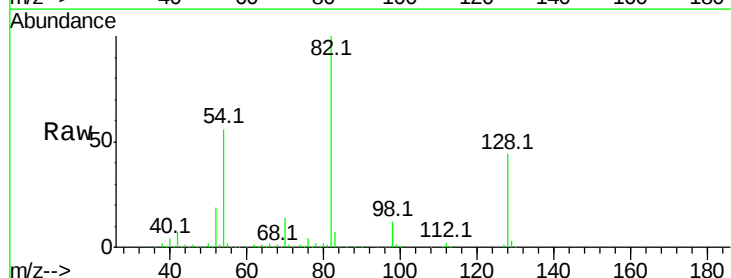
Tgt Ion: 82 Resp: 652745

Ion Ratio Lower Upper

82 100

128 43.9 36.1 54.1

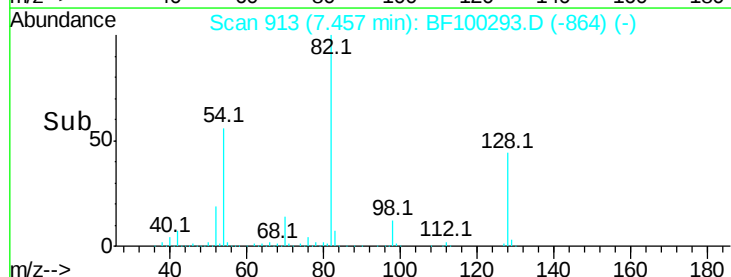
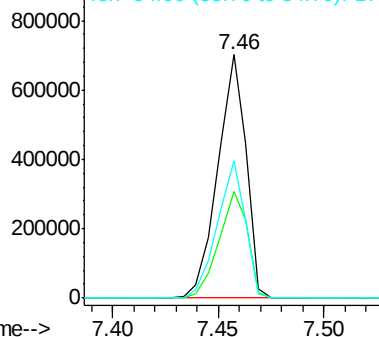
54 56.4 41.4 62.2

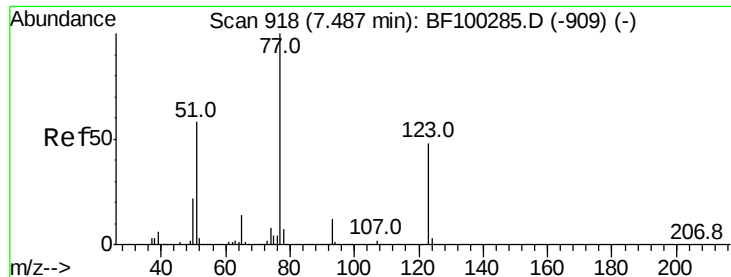


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

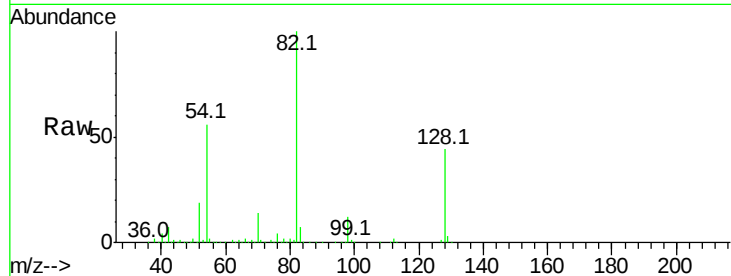
Ion 54.00 (53.70 to 54.70): BF1



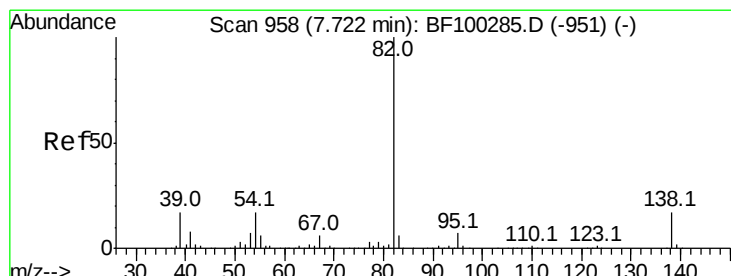
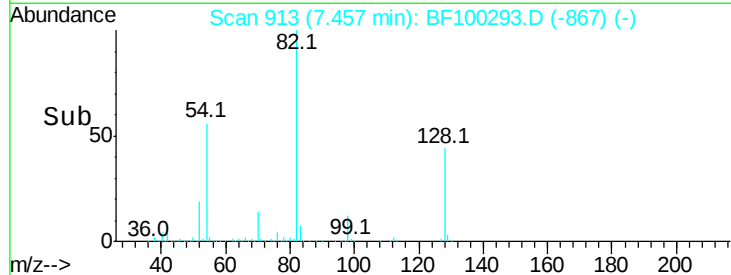
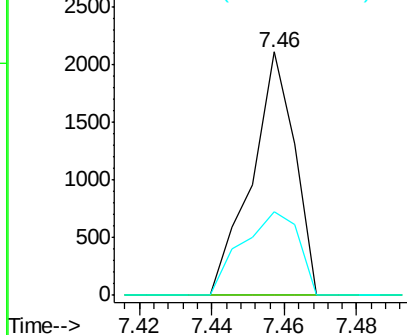


#24
Nitrobenzene
Concen: 0.165 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.03 min
Lab File: BF100293.D
Acq: 8 Nov 2017 16:01

Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.9	56.9#
65	34.5	11.0	16.4#

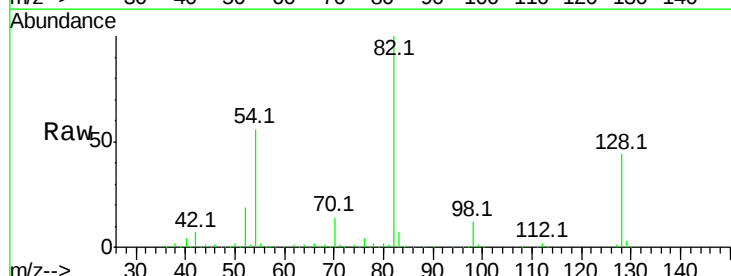


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

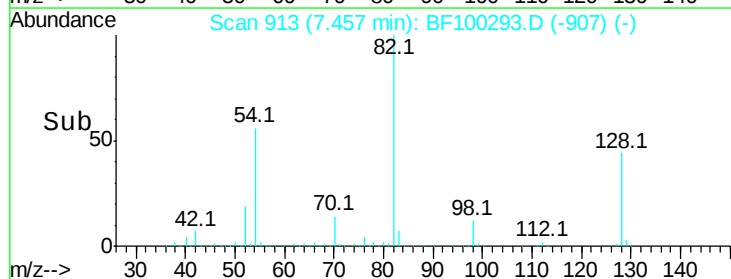
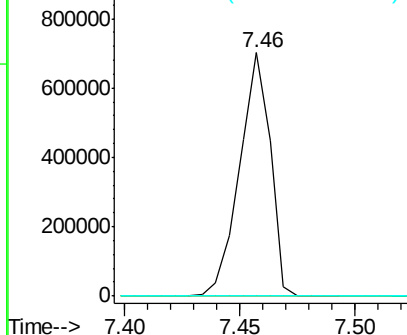


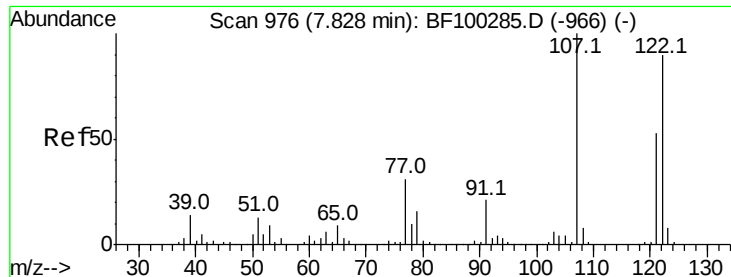
#25
Isophorone
Concen: 29.991 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.26 min
Lab File: BF100293.D
Acq: 8 Nov 2017 16:01

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



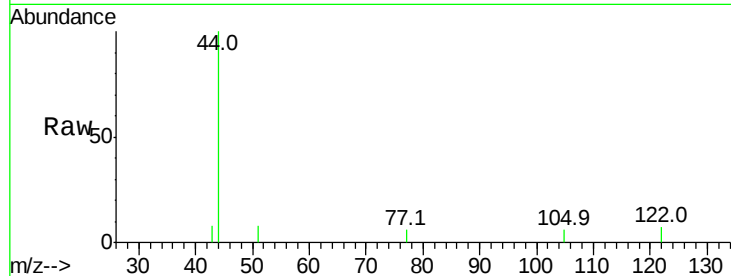
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



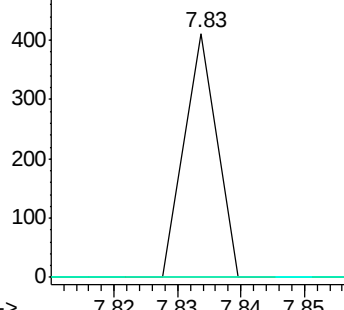


#27
2,4-Dimethylphenol
Concen: 0.015 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.01 min
Lab File: BF100293.D
Acq: 8 Nov 2017 16:01

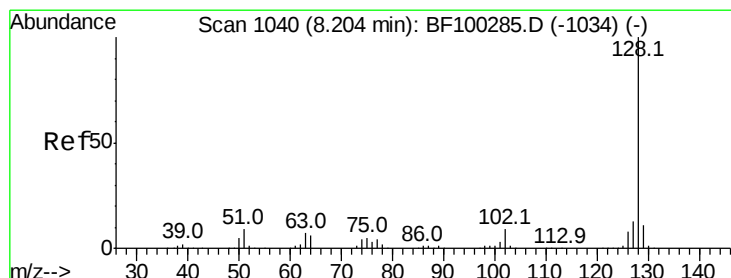
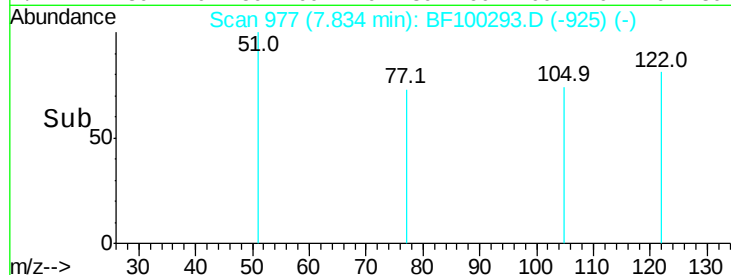
Tot Ion:122 Resp: 145
Ion Ratio Lower Upper
122 100
107 0.0 91.2 136.8#
121 0.0 47.2 70.8#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

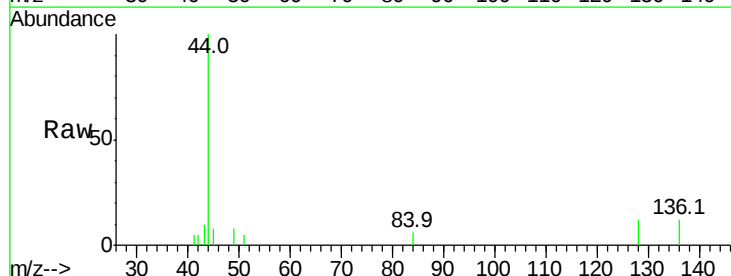


Time-->

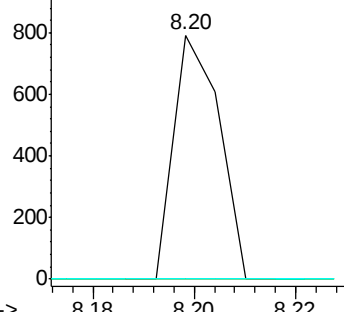


#31
Naphthalene
Concen: 0.015 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF100293.D
Acq: 8 Nov 2017 16:01

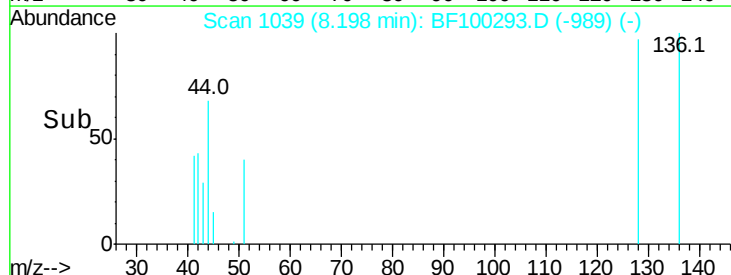
Tgt Ion:128 Resp: 494
Ion Ratio Lower Upper
128 100
129 0.0 8.8 13.2#
127 0.0 10.9 16.3#

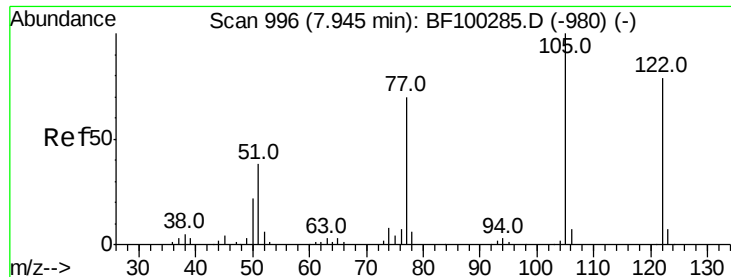


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Time-->





#32

Benzoic acid

Concen: 9.386 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.11 min

Lab File: BF100293.D

Acq: 8 Nov 2017 16:01

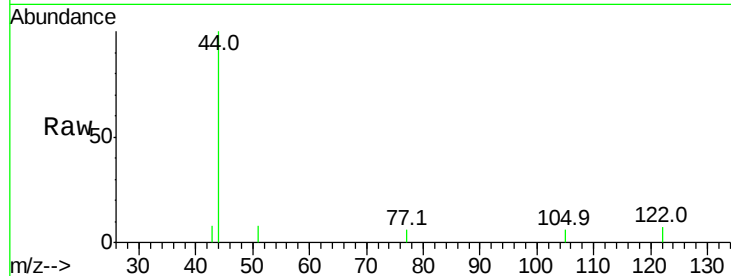
Tot Ion:122 Resp: 145

Ion Ratio Lower Upper

122 100

105 91.2 101.1 141.1#

77 89.8 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

7.83

400

300

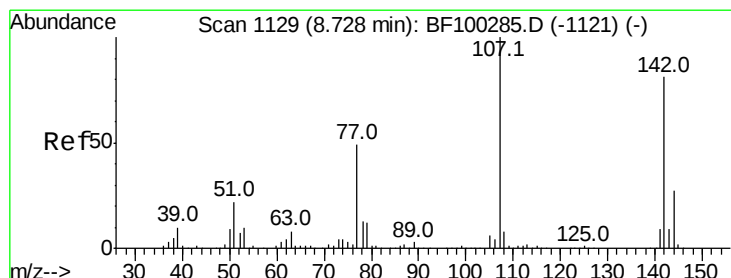
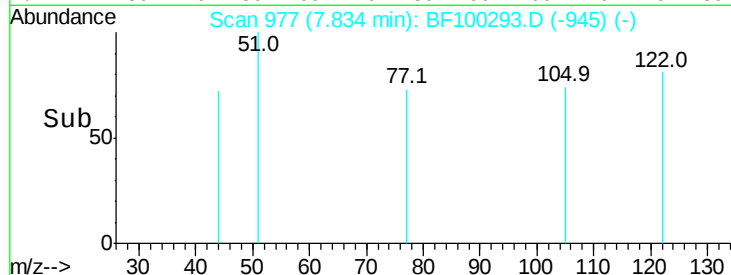
200

100

0

7.82 7.83 7.84 7.85

Time-->



#36

4-Chloro-3-methylphenol

Concen: 0.219 ng

RT: 8.73 min Scan# 1130

Delta R.T. 0.01 min

Lab File: BF100293.D

Acq: 8 Nov 2017 16:01

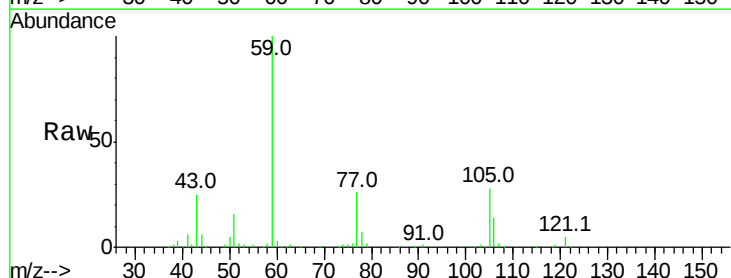
Tgt Ion:107 Resp: 2192

Ion Ratio Lower Upper

107 100

144 0.0 20.5 30.7#

142 0.0 62.0 93.0#



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

8.73

3000

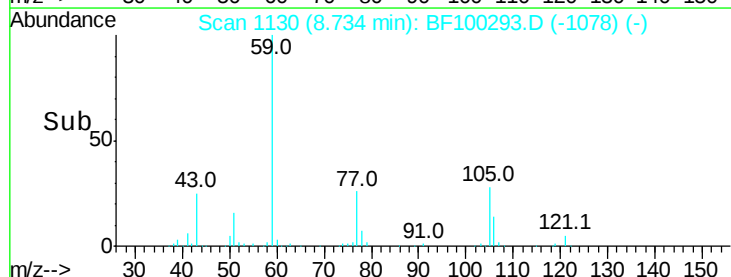
2000

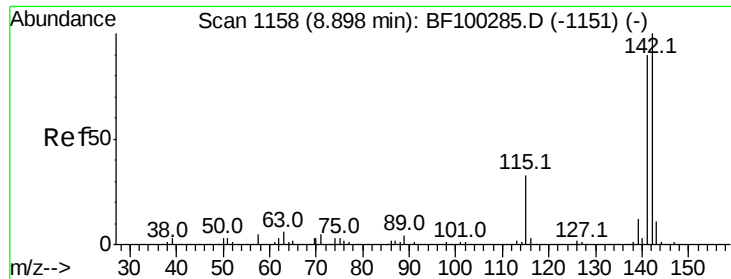
1000

0

8.70 8.72 8.74 8.76

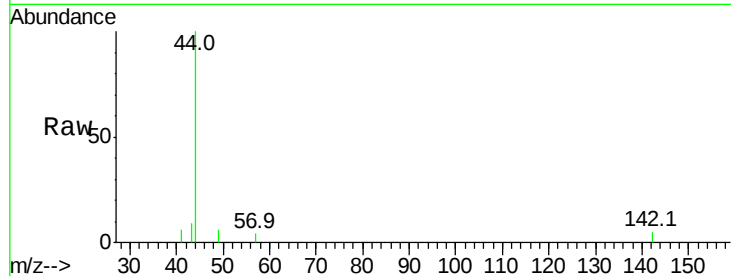
Time-->



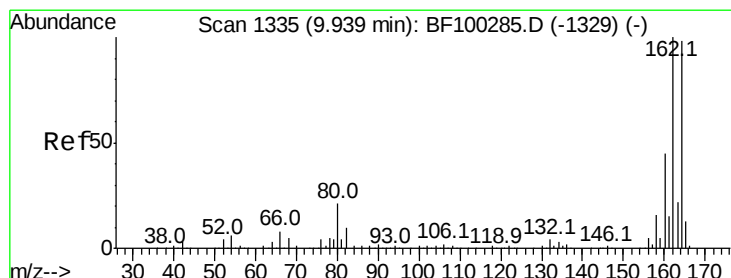
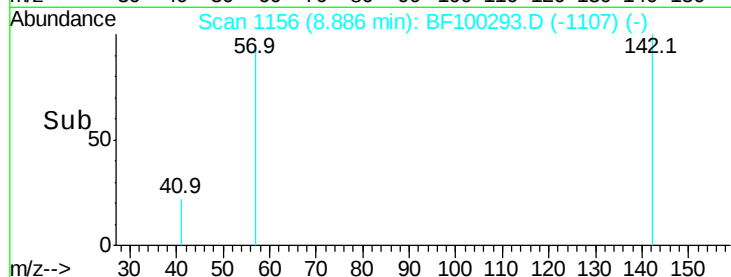
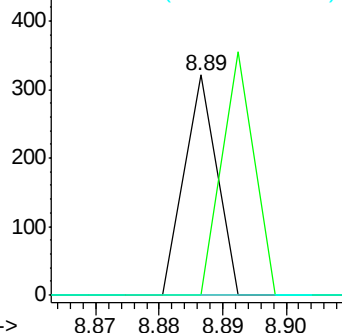


#37
2-Methylnaphthalene
Concen: 0.005 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF100293.D
Acq: 8 Nov 2017 16:01

Tot Ion:142 Resp: 113
Ion Ratio Lower Upper
142 100
141 0.0 70.8 106.2#
115 0.0 26.1 39.1#

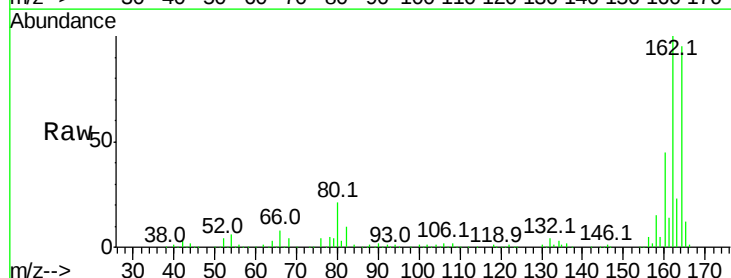


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

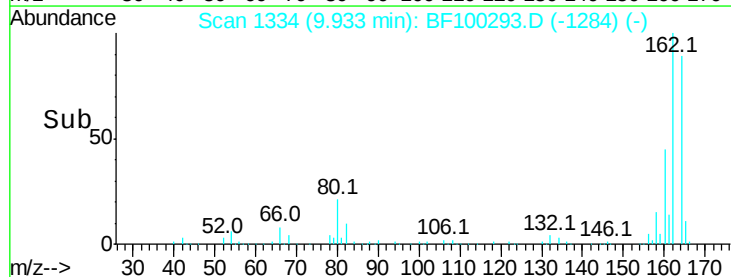
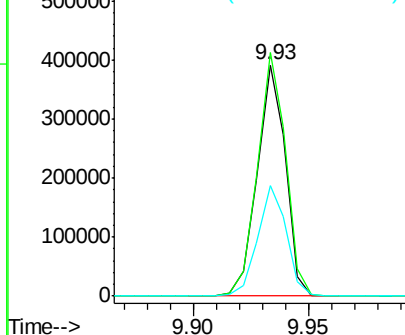


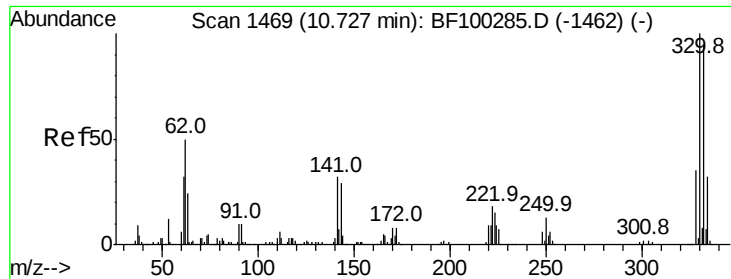
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF100293.D
Acq: 8 Nov 2017 16:01

Tgt Ion:164 Resp: 333144
Ion Ratio Lower Upper
164 100
162 105.3 86.1 129.1
160 47.5 38.3 57.5



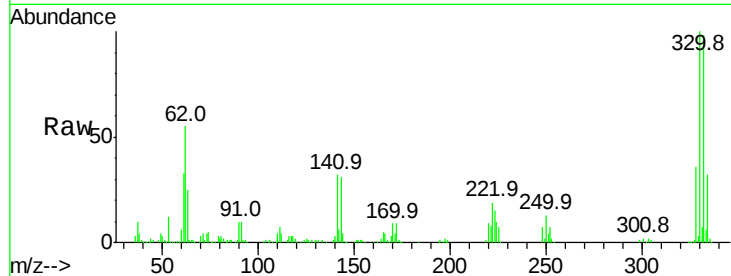
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



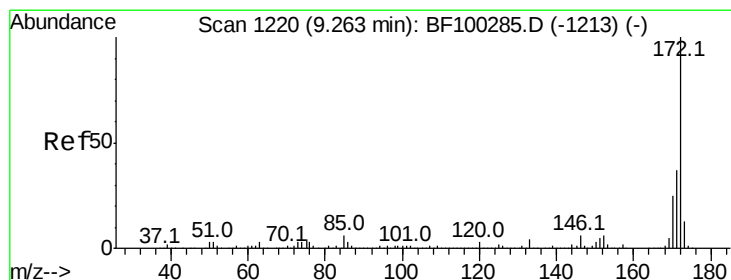
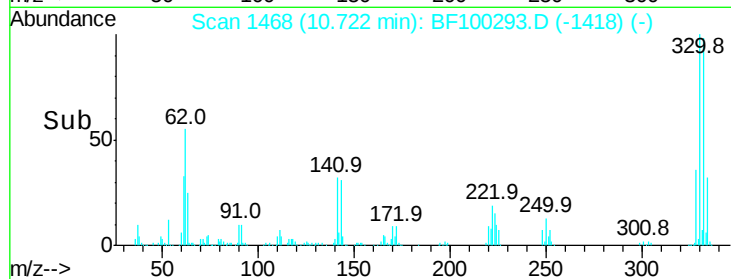
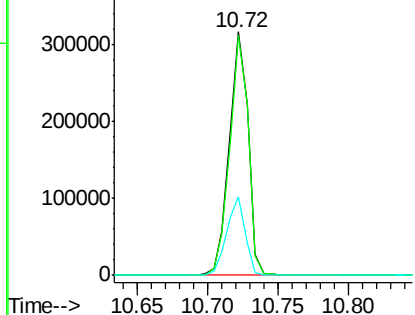


#41
 2,4,6-Tribromophenol
 Concen: 86.606 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.01 min
 Lab File: BF100293.D
 Acq: 8 Nov 2017 16:01

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	31.6	29.9	44.9

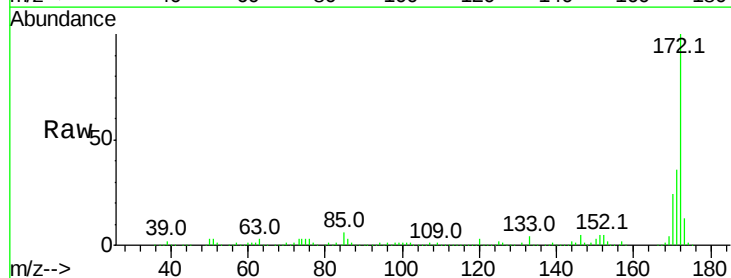


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

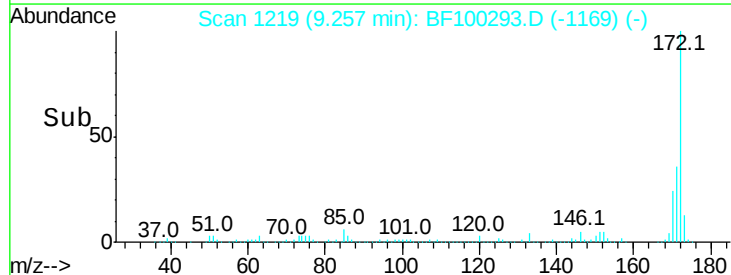
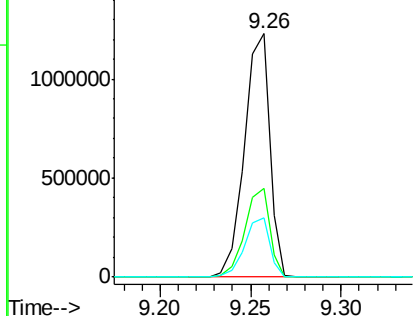


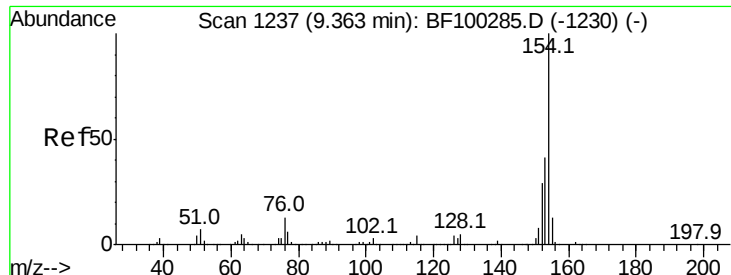
#44
 2-Fluorobiphenyl
 Concen: 54.532 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BF100293.D
 Acq: 8 Nov 2017 16:01

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





#45

1,1'-Biphenyl

Concen: 0.072 ng

RT: 9.35 min Scan# 1235

Delta R.T. -0.01 min

Lab File: BF100293.D

Acq: 8 Nov 2017 16:01

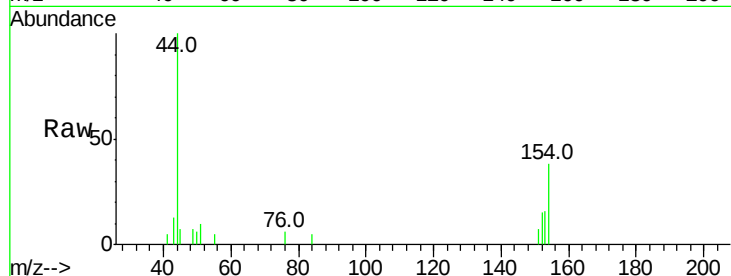
Tot Ion:154 Resp: 2076

Ion Ratio Lower Upper

154 100

153 40.7 21.3 61.3

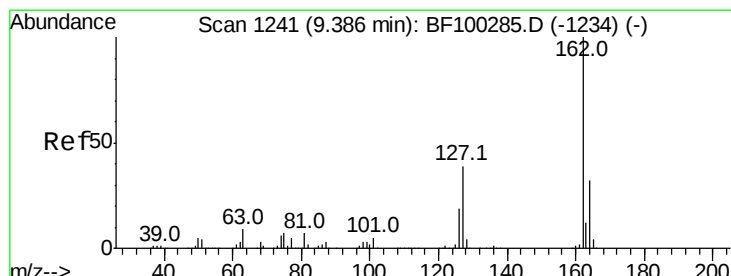
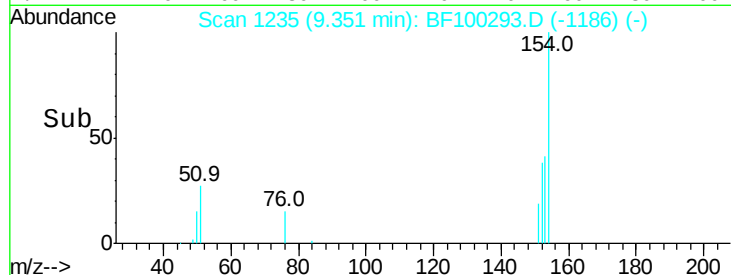
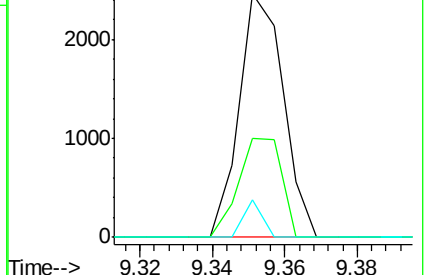
76 15.2 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 0.210 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.26 min

Lab File: BF100293.D

Acq: 8 Nov 2017 16:01

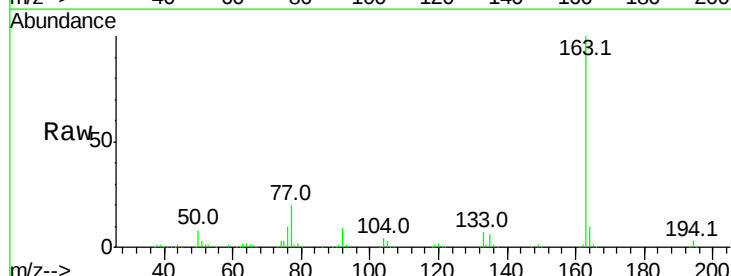
Tgt Ion:162 Resp: 4393

Ion Ratio Lower Upper

162 100

127 0.0 33.9 50.9#

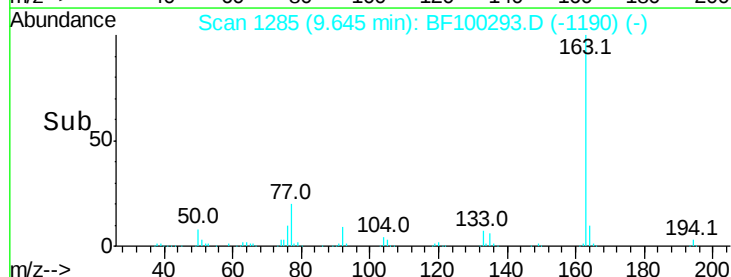
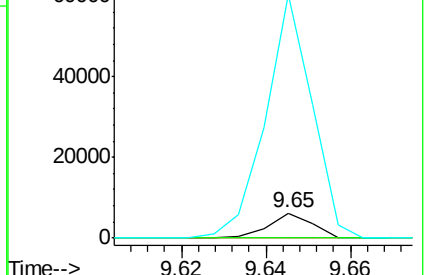
164 972.5 26.5 39.7#

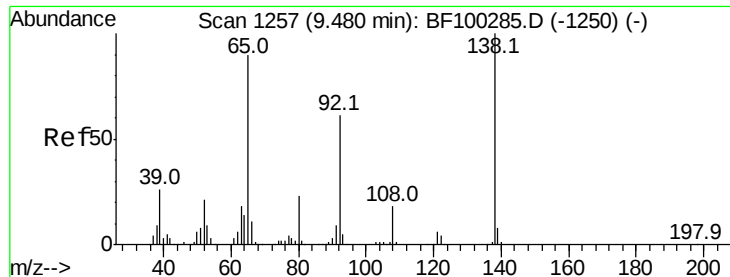


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 3.387 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.17 min

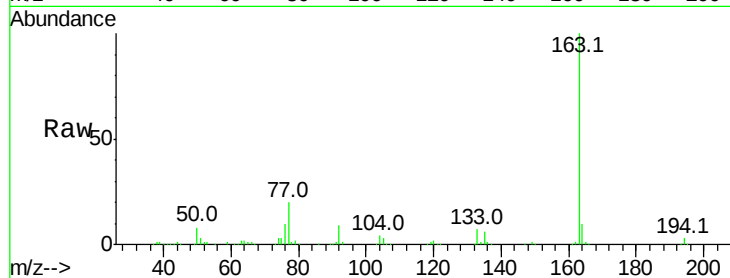
Lab File: BF100293.D

Acq: 8 Nov 2017 16:01

Tot Ion: 65 Resp: 3952

Ion Ratio Lower Upper

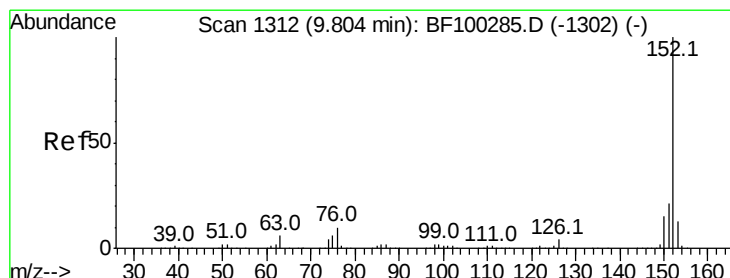
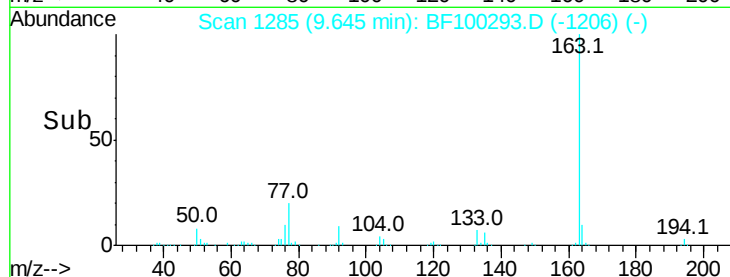
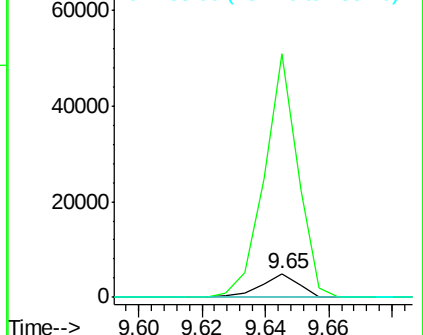
65	100		
92	1032.5	55.8	83.6#
138	0.0	91.2	136.8#



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: 0.029 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

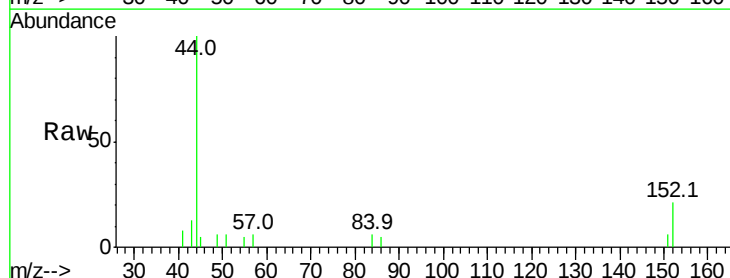
Lab File: BF100293.D

Acq: 8 Nov 2017 16:01

Tgt Ion: 152 Resp: 994

Ion Ratio Lower Upper

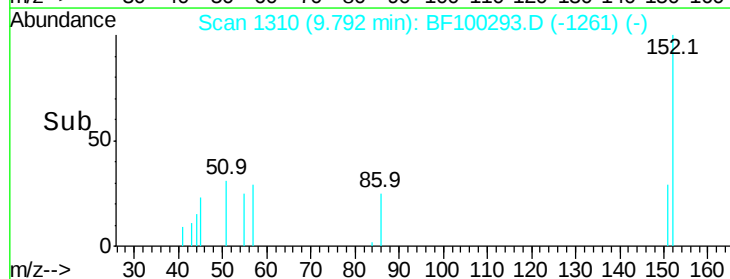
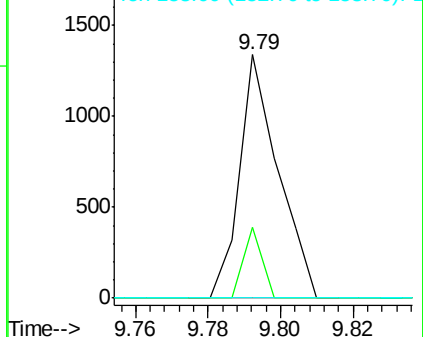
152	100		
151	29.1	16.3	24.5#
153	0.0	10.7	16.1#

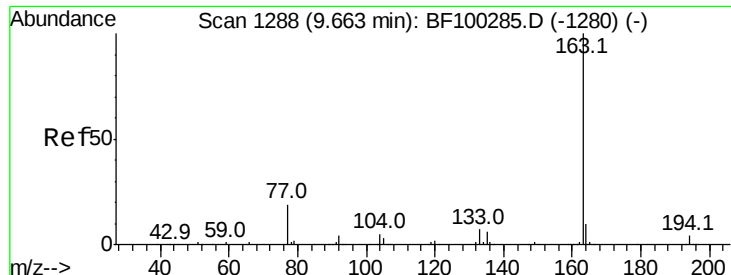


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 17.711 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BF100293.D

Acq: 8 Nov 2017 16:01

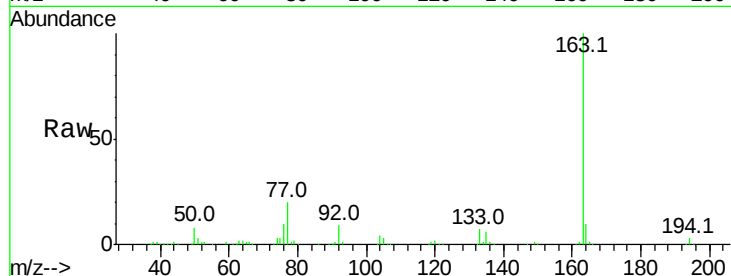
Tot Ion:163 Resp: 450493

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

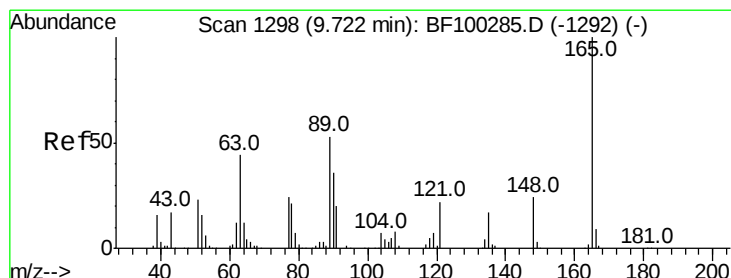
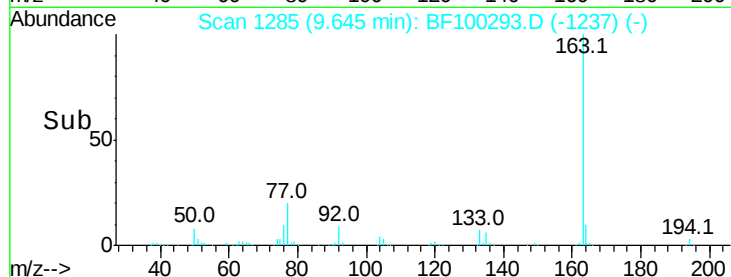
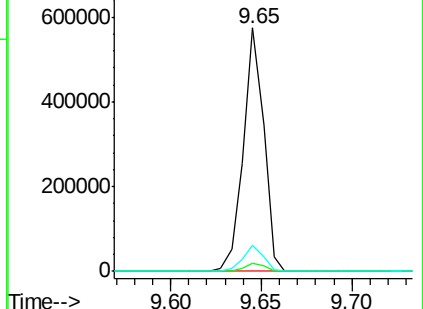
164 10.5 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 1.030 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.08 min

Lab File: BF100293.D

Acq: 8 Nov 2017 16:01

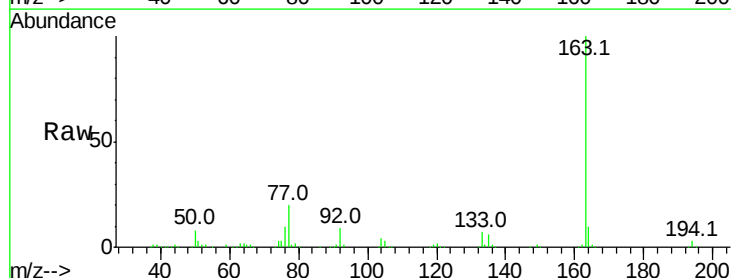
Tgt Ion:165 Resp: 5184

Ion Ratio Lower Upper

165 100

63 156.5 44.7 67.1#

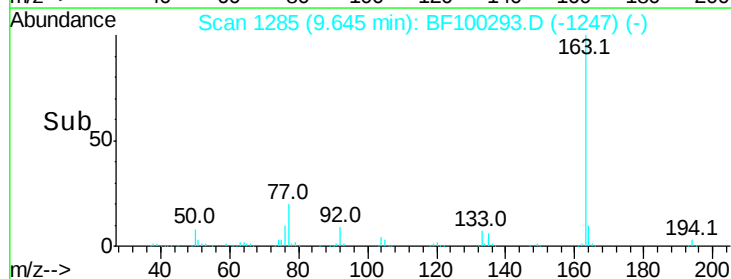
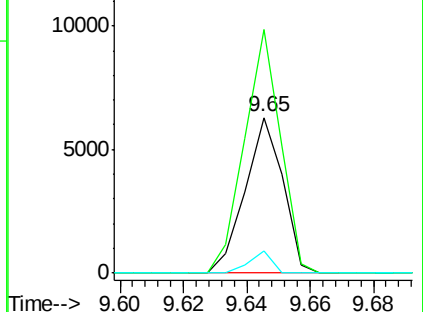
89 13.9 44.0 66.0#

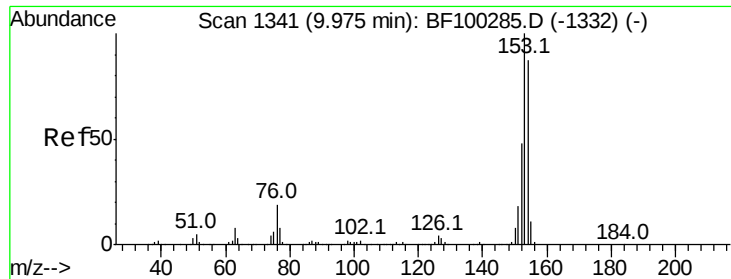


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 0.006 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF100293.D

Acq: 8 Nov 2017 16:01

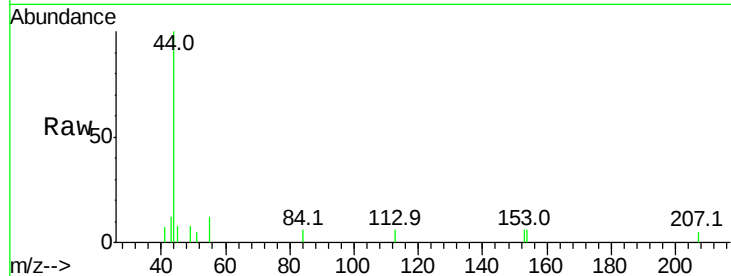
Tot Ion:154 Resp: 135

Ion Ratio Lower Upper

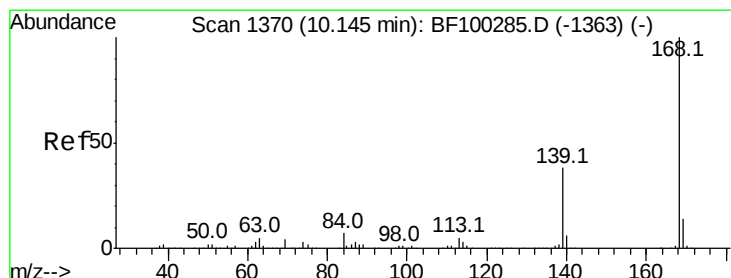
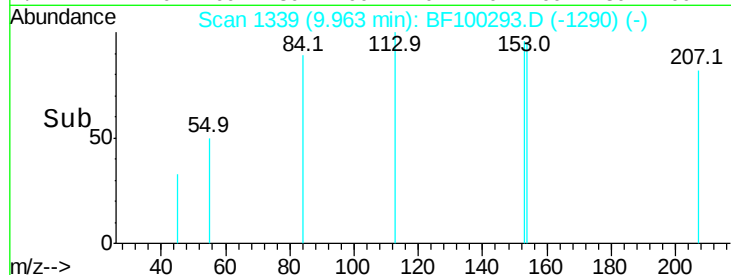
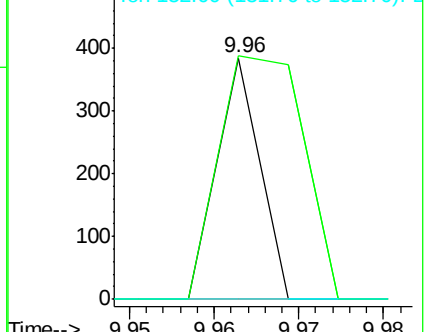
154 100

153 101.0 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



#54

Dibenzofuran

Concen: 0.012 ng

RT: 10.13 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BF100293.D

Acq: 8 Nov 2017 16:01

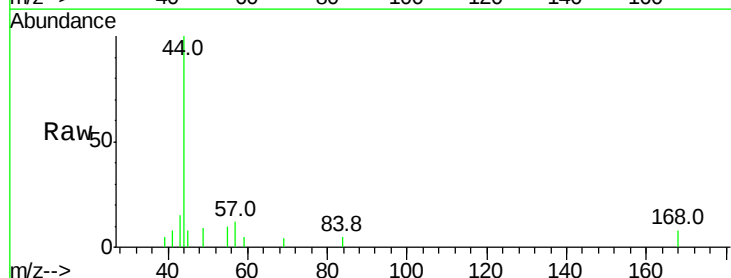
Tgt Ion:168 Resp: 350

Ion Ratio Lower Upper

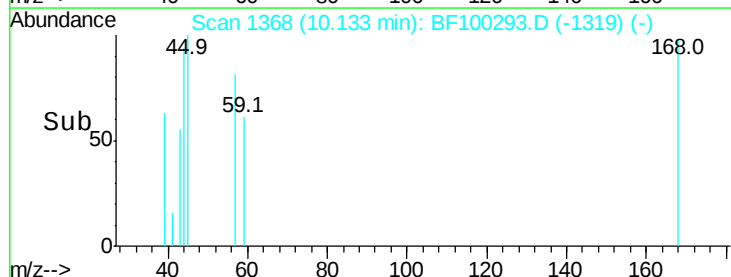
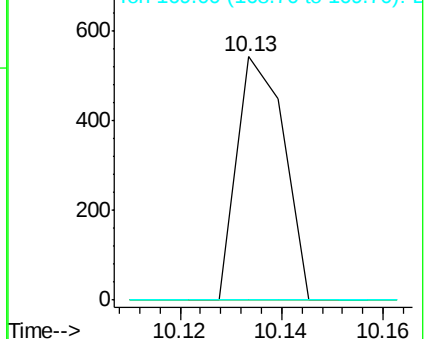
168 100

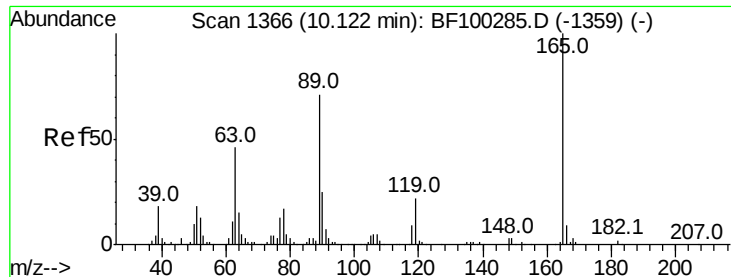
139 0.0 30.1 45.1#

169 0.0 10.9 16.3#



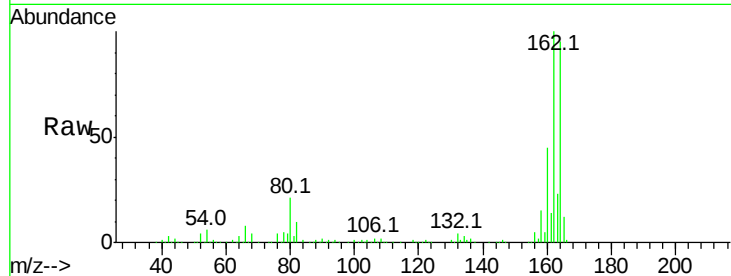
Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#56
2,4-Dinitrotoluene
Concen: 6.501 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.19 min
Lab File: BF100293.D
Acq: 8 Nov 2017 16:01

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

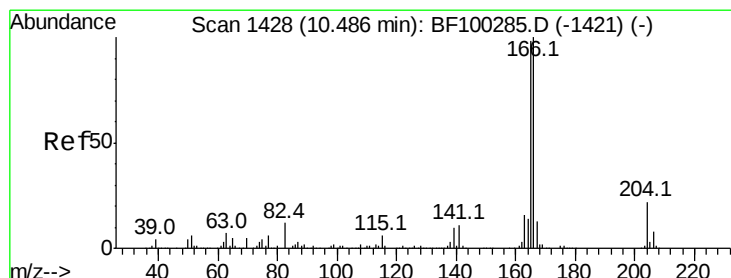
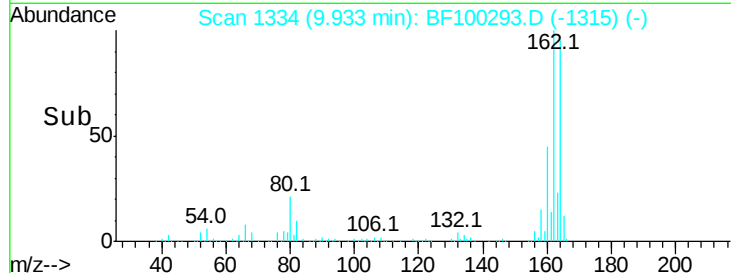
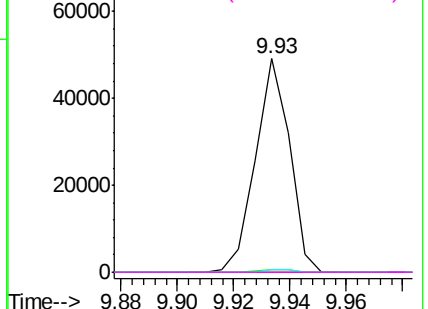


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

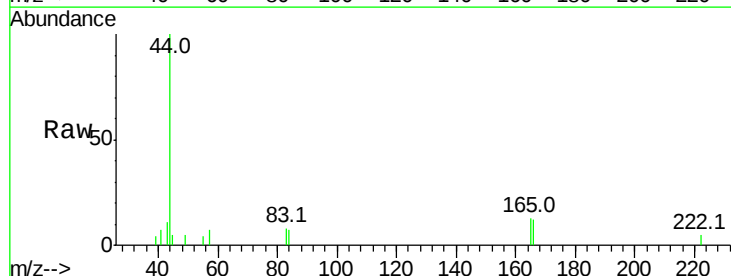
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 0.029 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF100293.D
Acq: 8 Nov 2017 16:01

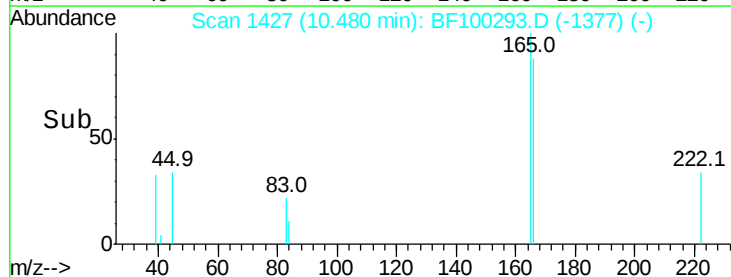
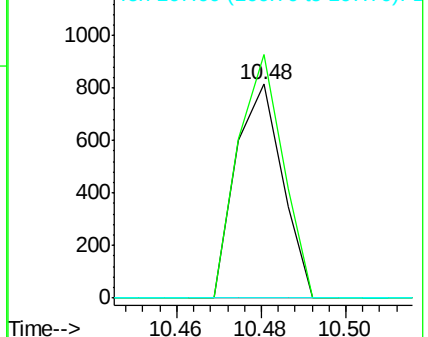
Tgt Ion	Ratio	Lower	Upper
166	100		
165	113.9	79.8	119.8
167	0.0	10.6	16.0#

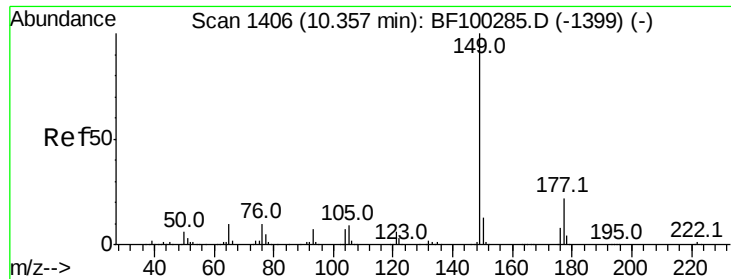


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

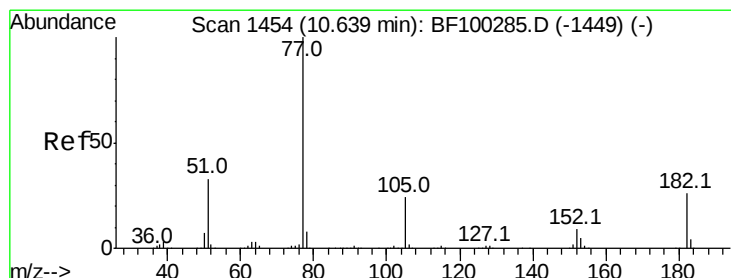
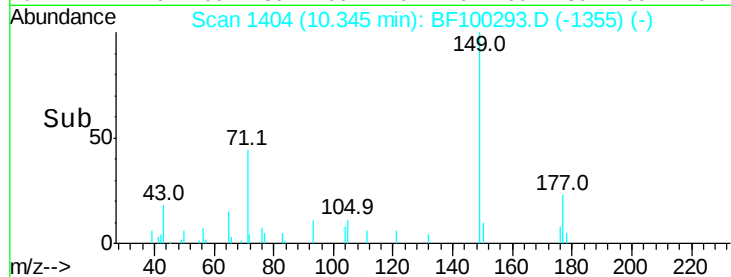
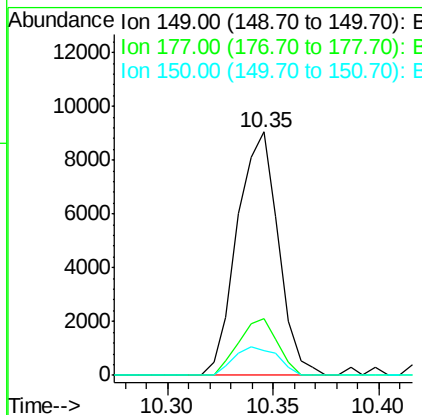
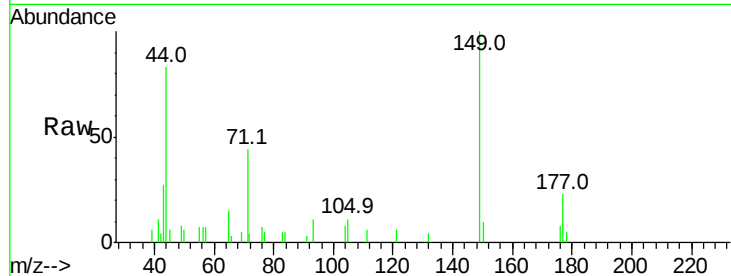
Ion 167.00 (166.70 to 167.70): E





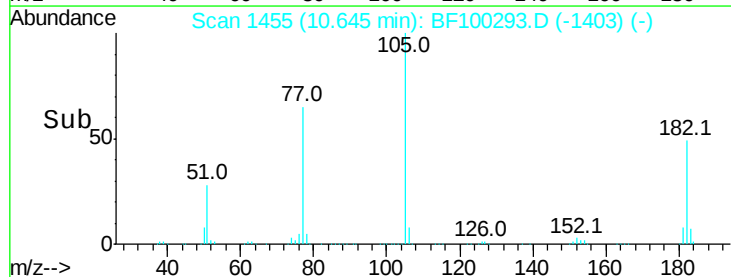
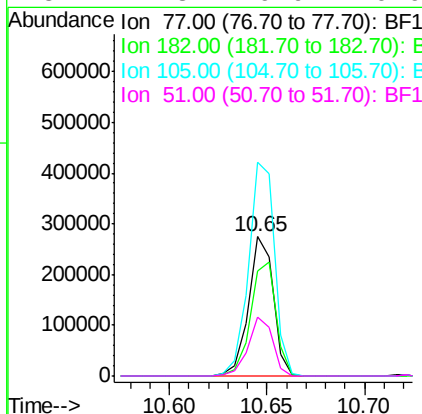
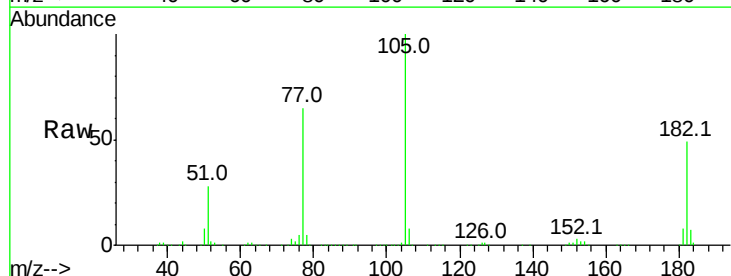
#59
Diethylphthalate
Concen: 0.479 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF100293.D
Acq: 8 Nov 2017 16:01

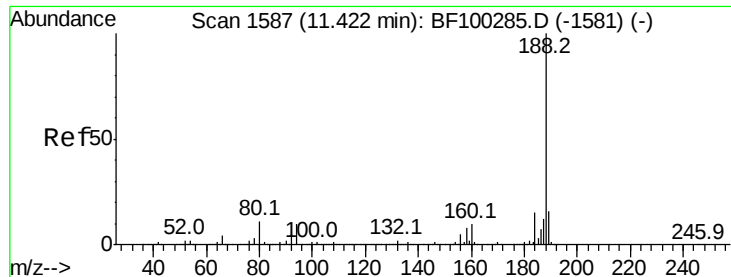
Tot Ion: 149 Resp: 12202
Ion Ratio Lower Upper
149 100
177 23.4 16.1 24.1
150 10.3 10.1 15.1



#62
Azobenzene
Concen: 10.066 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.01 min
Lab File: BF100293.D
Acq: 8 Nov 2017 16:01

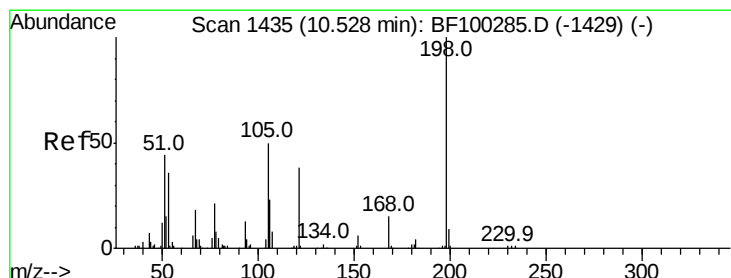
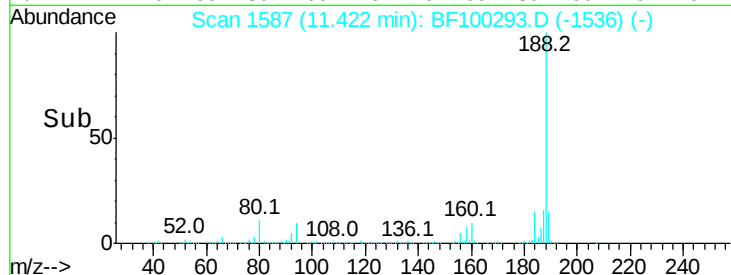
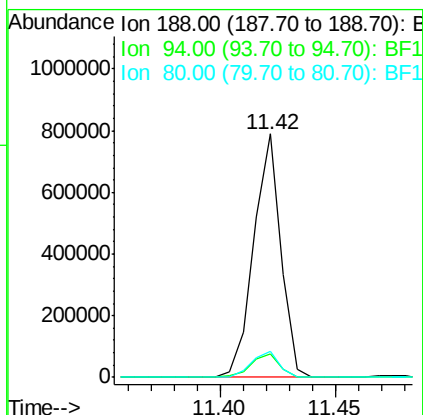
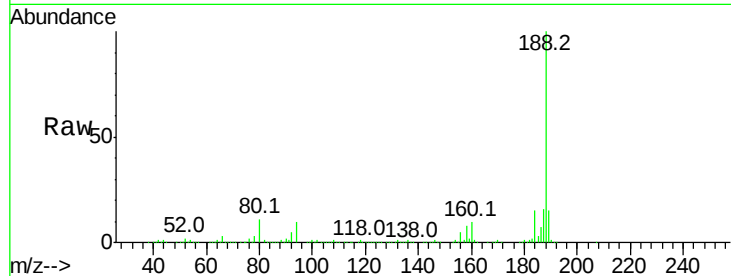
Tgt Ion: 77 Resp: 241326
Ion Ratio Lower Upper
77 100
182 75.3 1.7 41.7#
105 153.2 3.0 43.0#
51 42.3 9.9 49.9





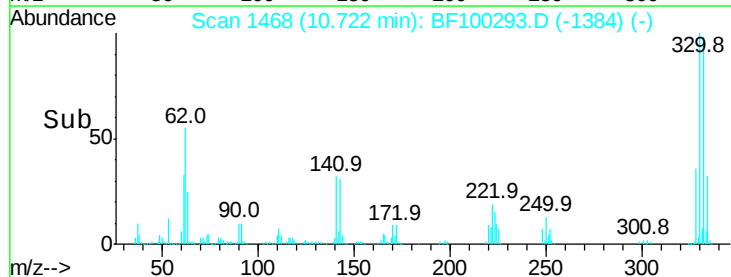
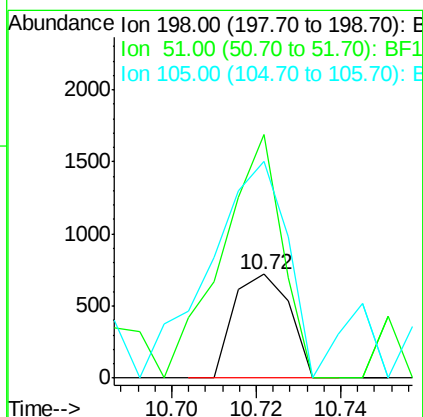
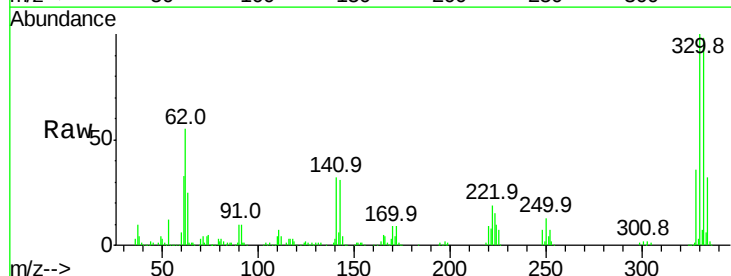
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BF100293.D
Acq: 8 Nov 2017 16:01

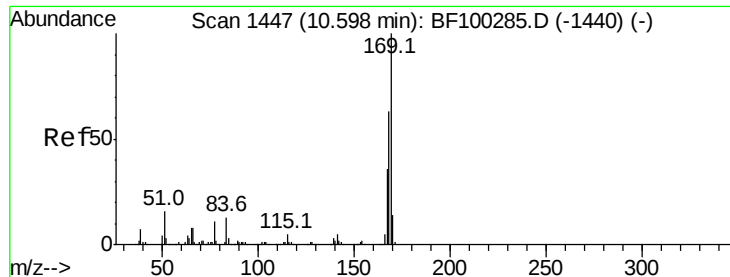
Tot Ion:188 Resp: 650726
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 10.6 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 8.735 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.19 min
Lab File: BF100293.D
Acq: 8 Nov 2017 16:01

Tgt Ion:198 Resp: 661
Ion Ratio Lower Upper
198 100
51 235.2 37.7 77.7#
105 209.9 36.3 76.3#





#65

n-Nitrosodiphenylamine

Concen: 0.394 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.12 min

Lab File: BF100293.D

Acq: 8 Nov 2017 16:01

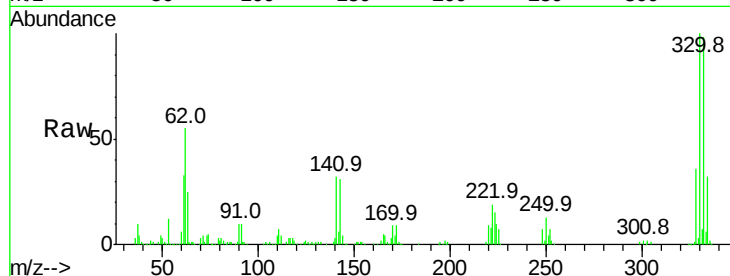
Tot Ion:169 Resp: 8907

Ion Ratio Lower Upper

169 100

168 10.9 54.4 81.6#

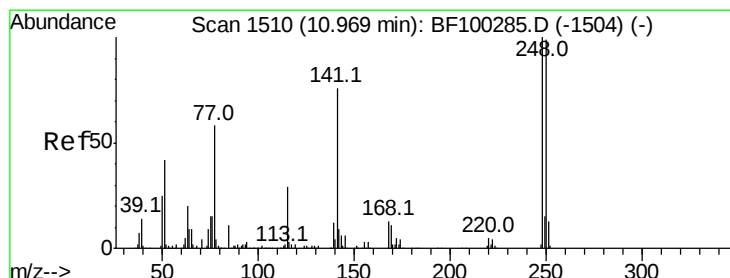
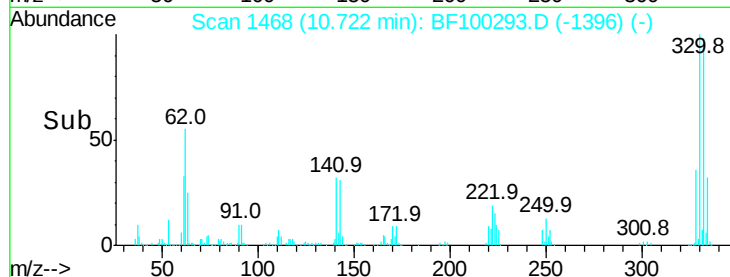
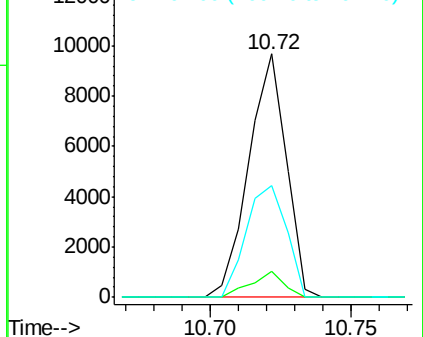
167 45.9 29.8 44.6#



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: 2.612 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.25 min

Lab File: BF100293.D

Acq: 8 Nov 2017 16:01

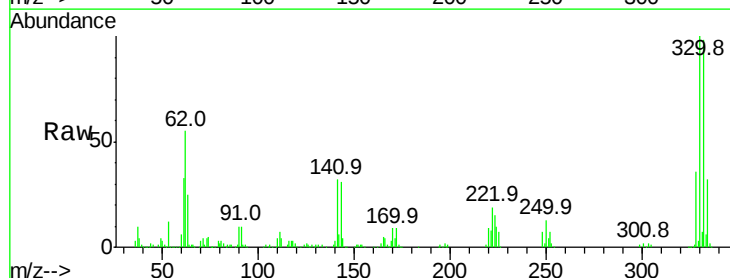
Tgt Ion:248 Resp: 18222

Ion Ratio Lower Upper

248 100

250 194.6 76.9 115.3#

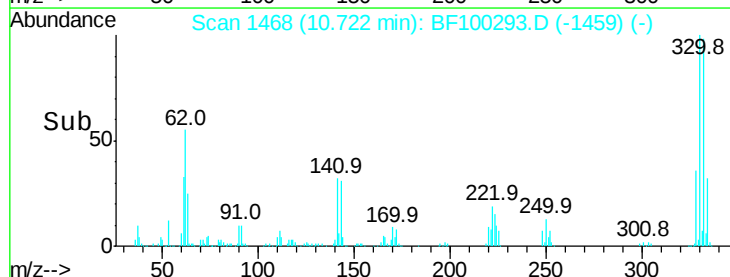
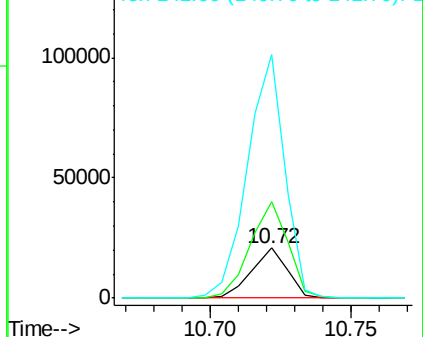
141 489.5 74.4 111.6#

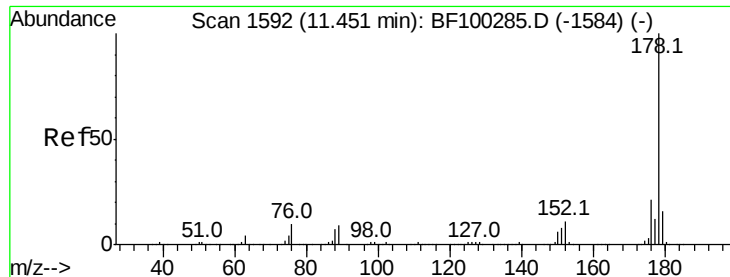


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

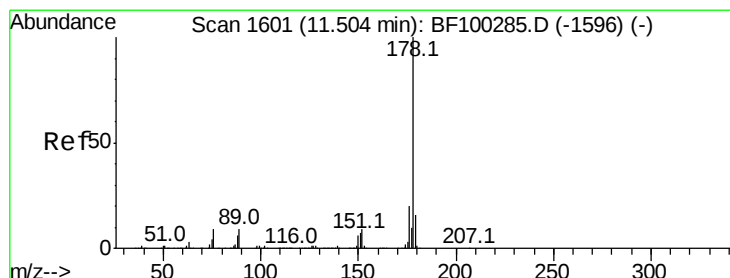
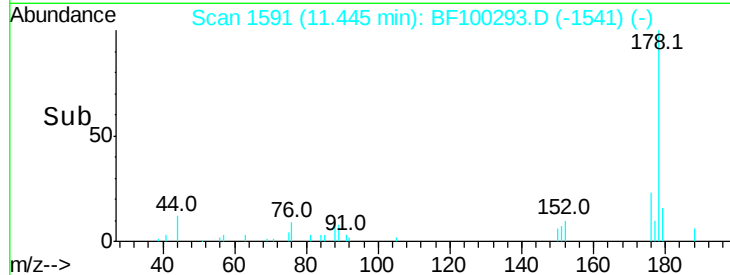
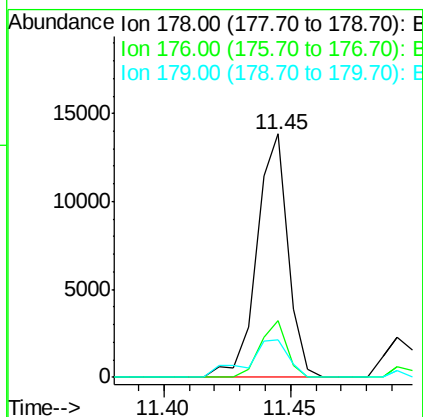
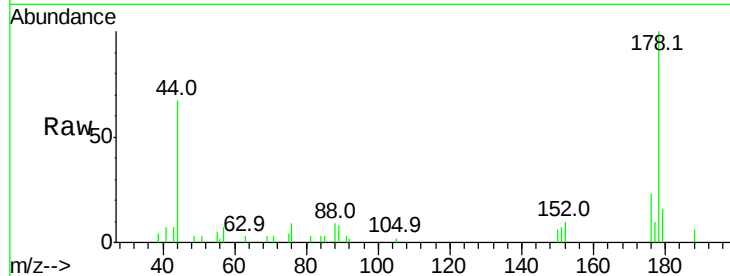
Ion 141.00 (140.70 to 141.70): E





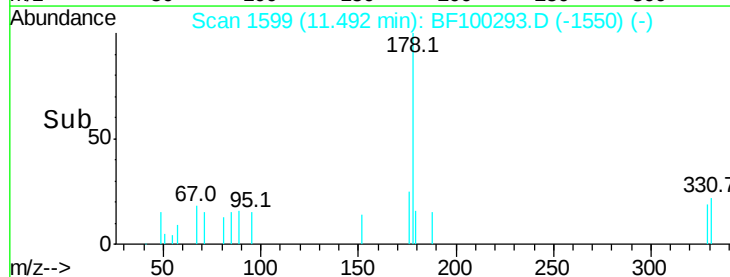
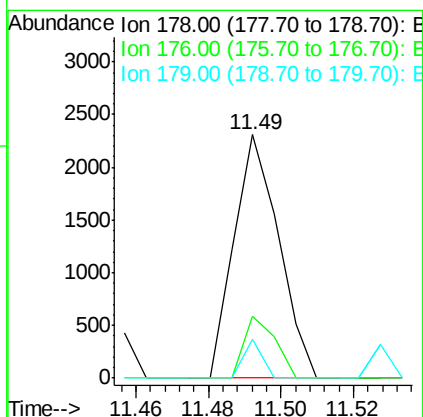
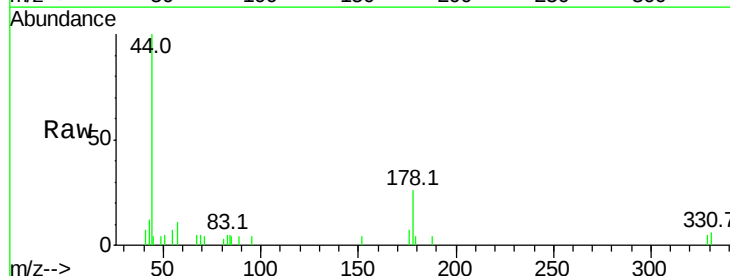
#70
Phenanthrene
Concen: 0.347 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF100293.D
Acq: 8 Nov 2017 16:01

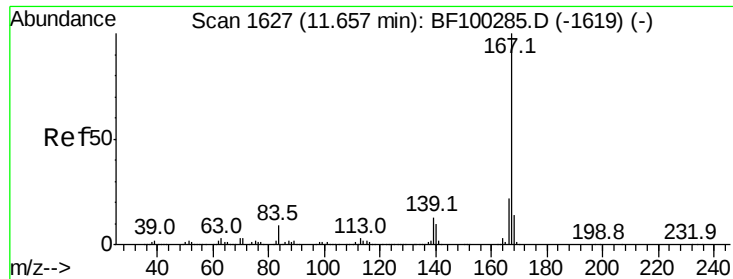
Tot Ion:178 Resp: 11872
Ion Ratio Lower Upper
178 100
176 23.4 15.8 23.8
179 15.7 13.0 19.6



#71
Anthracene
Concen: 0.057 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF100293.D
Acq: 8 Nov 2017 16:01

Tgt Ion:178 Resp: 1977
Ion Ratio Lower Upper
178 100
176 25.4 15.4 23.2#
179 15.8 12.6 19.0





#72

Carbazole

Concen: 0.029 ng

RT: 11.65 min Scan# 1625

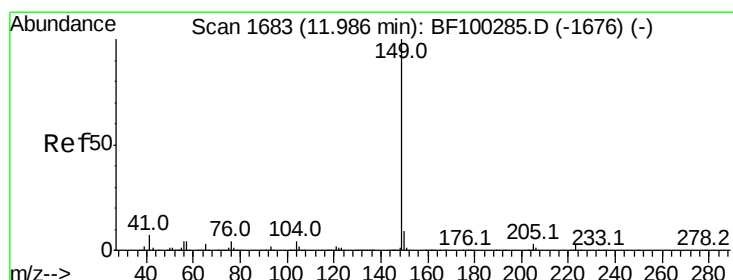
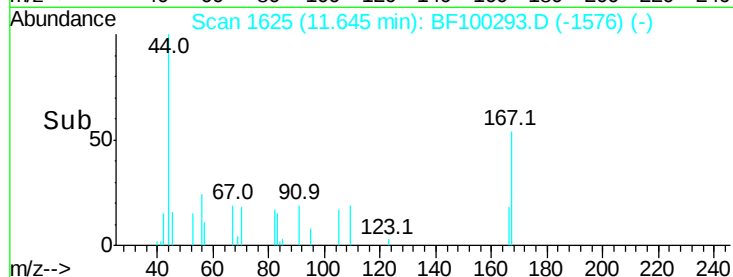
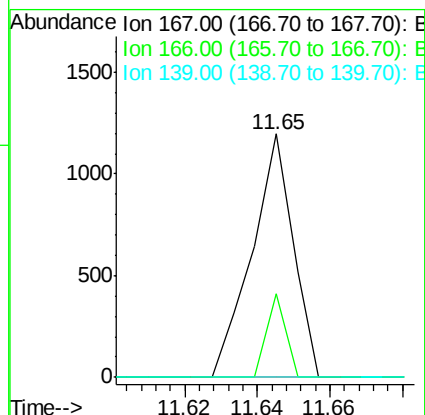
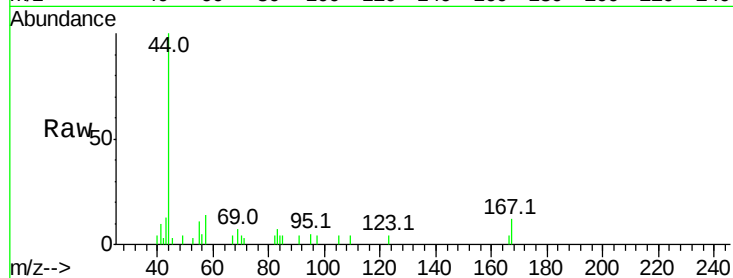
Delta R.T. -0.01 min

Lab File: BF100293.D

Acq: 8 Nov 2017 16:01

Tot Ion:167 Resp: 945

Ion	Ratio	Lower	Upper
167	100		
166	34.3	17.6	26.4#
139	0.0	10.9	16.3#



#73

Di-n-butylphthalate

Concen: 0.523 ng

RT: 11.97 min Scan# 1681

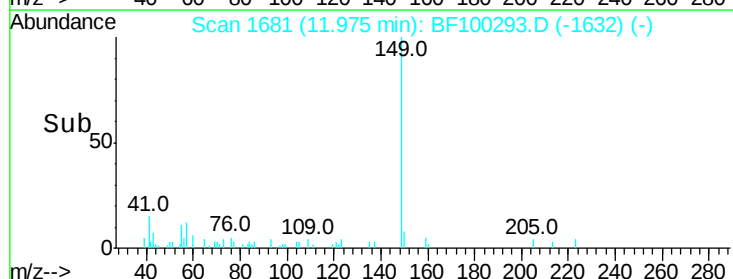
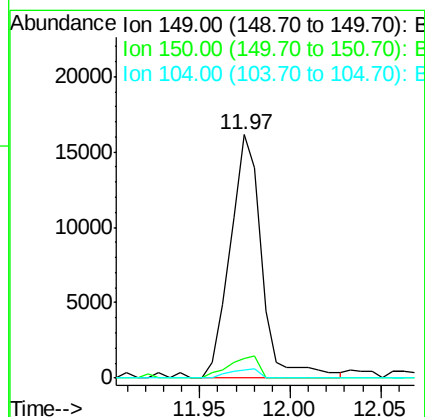
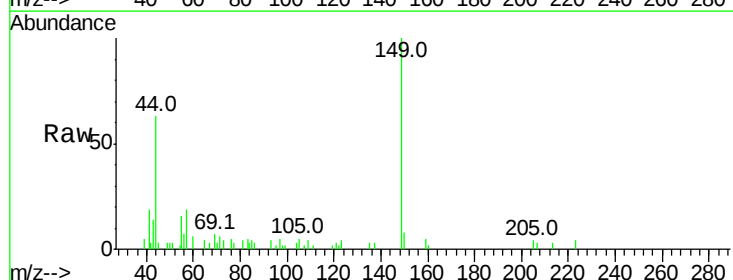
Delta R.T. -0.01 min

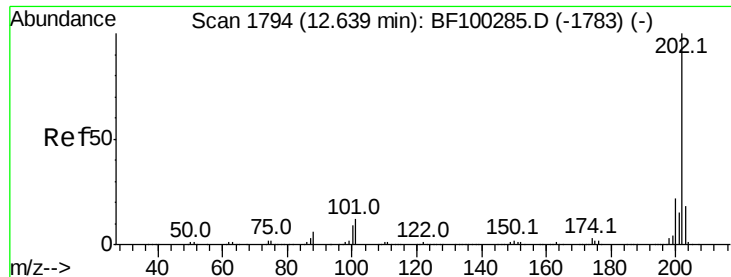
Lab File: BF100293.D

Acq: 8 Nov 2017 16:01

Tgt Ion:149 Resp: 19618

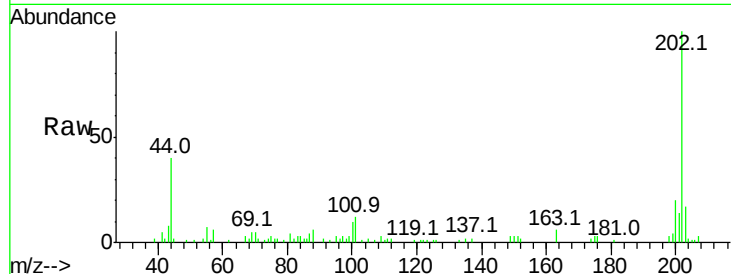
Ion	Ratio	Lower	Upper
149	100		
150	8.0	7.8	11.6
104	3.3	3.8	5.8#



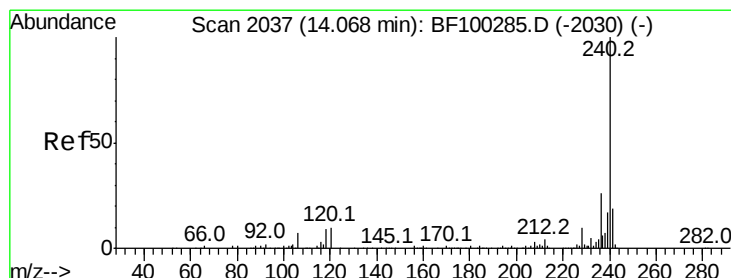
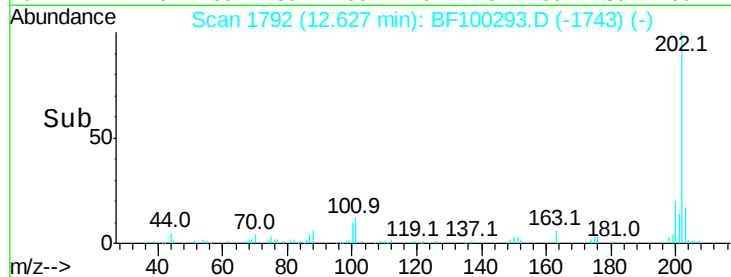
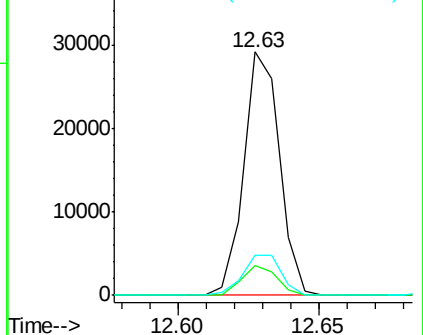


#74
 Fluoranthene
 Concen: 0.702 ng
 RT: 12.63 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BF100293.D
 Acq: 8 Nov 2017 16:01

Tot Ion:	202	Resp:	25499
Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	34.1
203	16.7	0.0	38.1

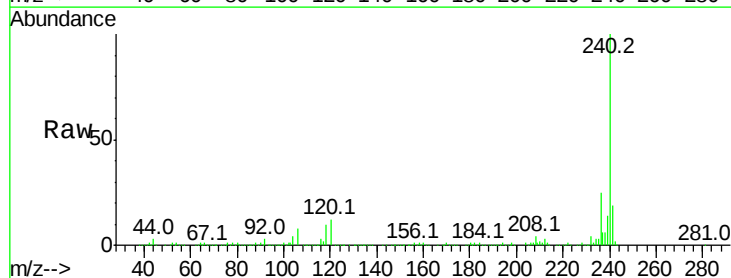


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

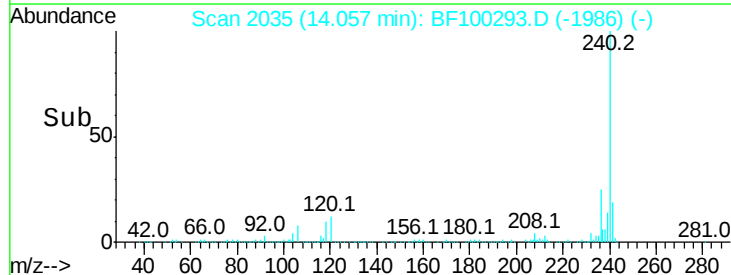
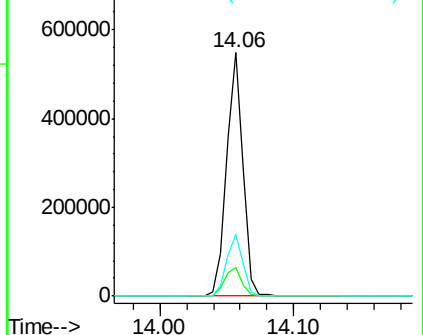


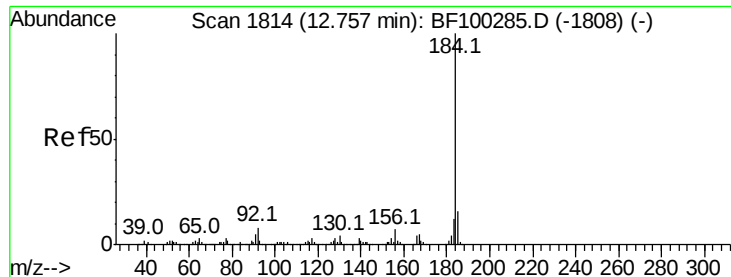
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF100293.D
 Acq: 8 Nov 2017 16:01

Tgt Ion:	240	Resp:	475359
Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	25.5	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: 0.770 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.25 min

Lab File: BF100293.D

Acq: 8 Nov 2017 16:01

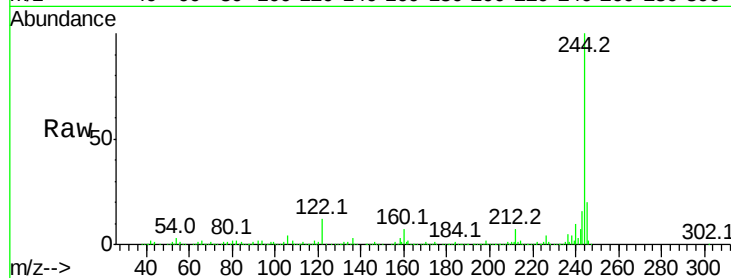
Tot Ion:184 Resp: 14662

Ion Ratio Lower Upper

184 100

185 15.6 12.6 18.8

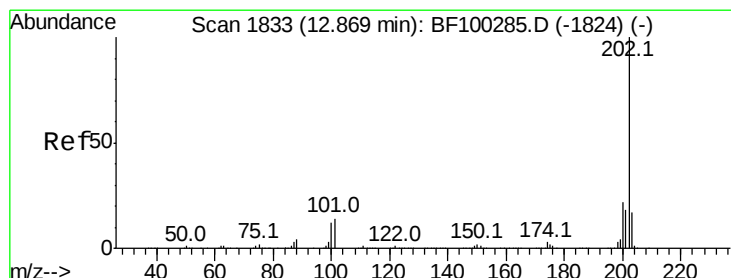
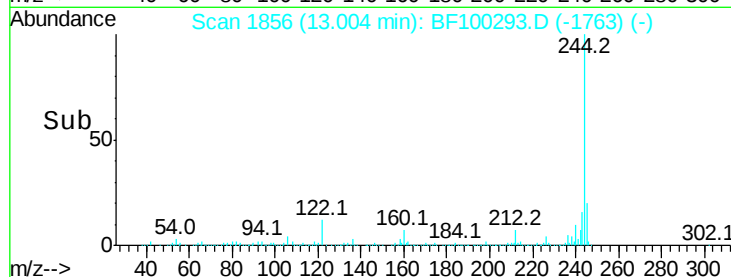
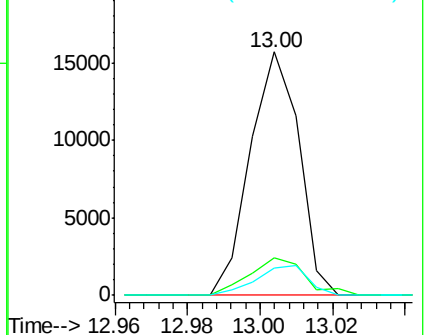
183 11.4 9.3 13.9



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

Pyrene

Concen: 0.736 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF100293.D

Acq: 8 Nov 2017 16:01

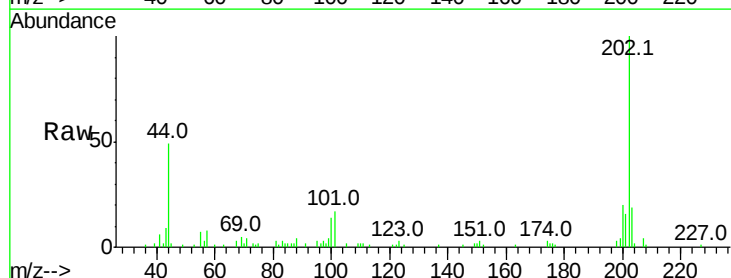
Tgt Ion:202 Resp: 24943

Ion Ratio Lower Upper

202 100

200 19.9 17.4 26.2

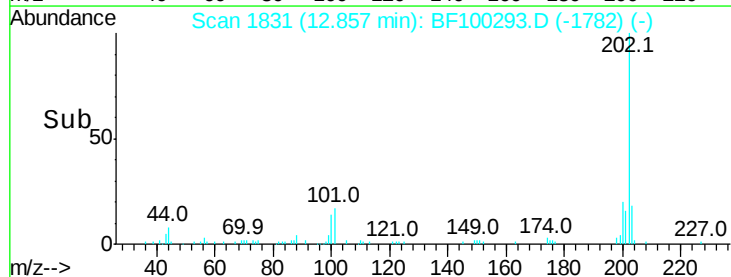
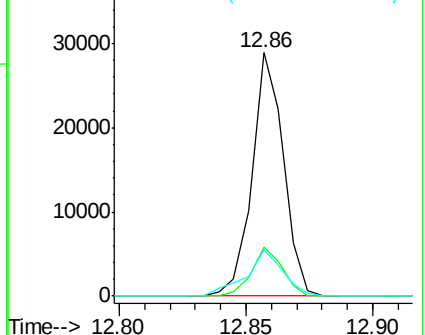
203 19.3 14.3 21.5

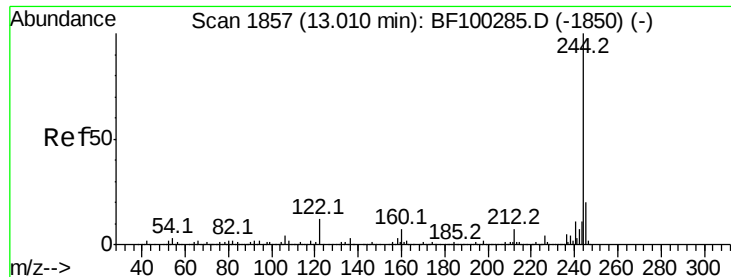


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

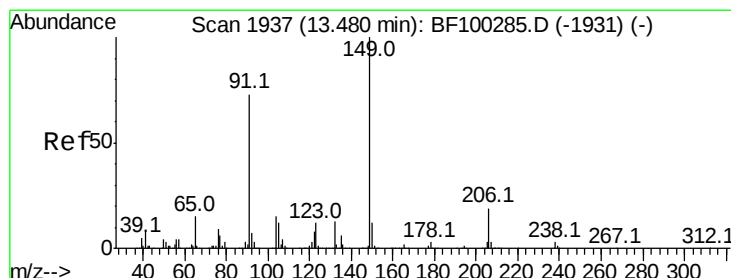
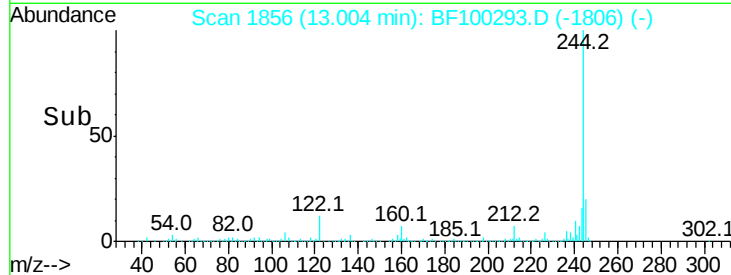
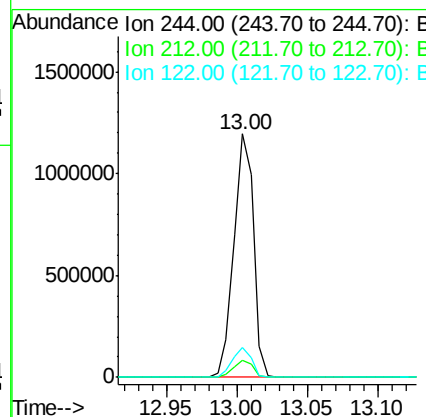
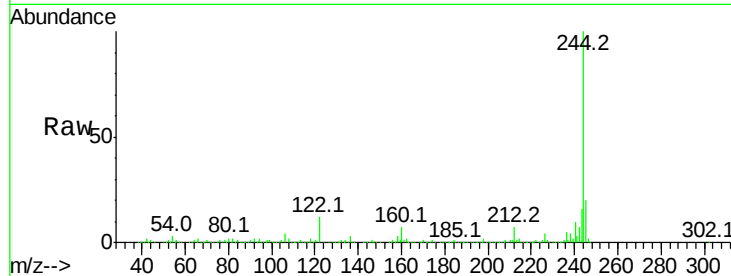
Ion 203.00 (202.70 to 203.70): E





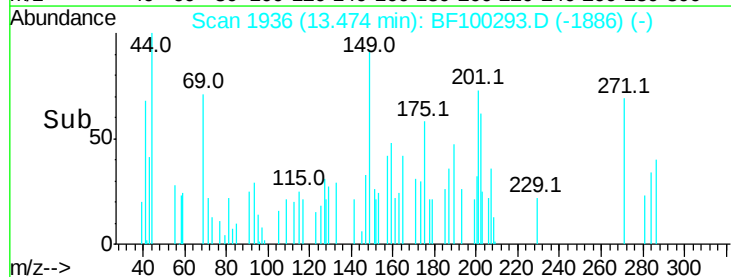
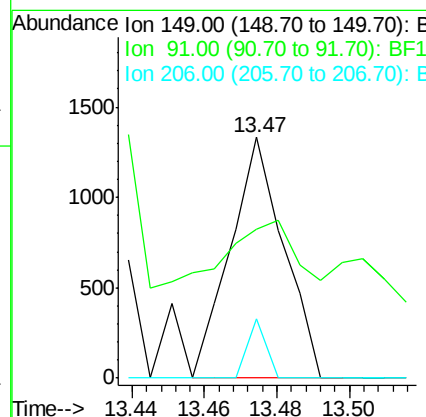
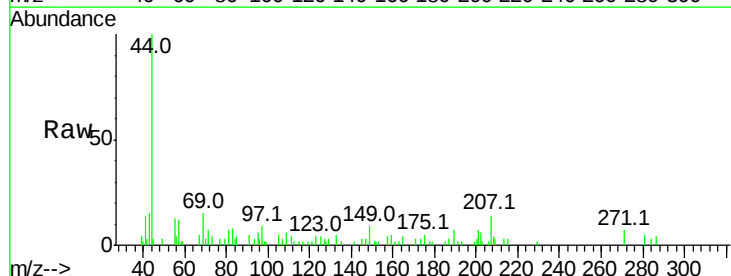
#78
 Terphenyl-d14
 Concen: 55.633 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. -0.01 min
 Lab File: BF100293.D
 Acq: 8 Nov 2017 16:01

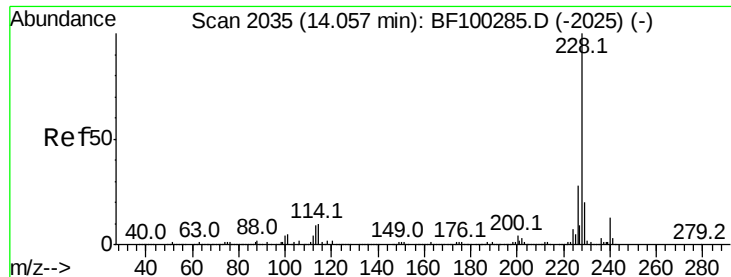
Tot Ion:244 Resp: 1150960
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 12.1 11.0 16.4



#79
 Butylbenzylphthalate
 Concen: 0.098 ng
 RT: 13.47 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BF100293.D
 Acq: 8 Nov 2017 16:01

Tgt Ion:149 Resp: 1361
 Ion Ratio Lower Upper
 149 100
 91 61.9 56.8 85.2
 206 24.4 14.1 21.1#





#80

Benzo(a)anthracene

Concen: 0.355 ng

RT: 14.08 min Scan# 2039

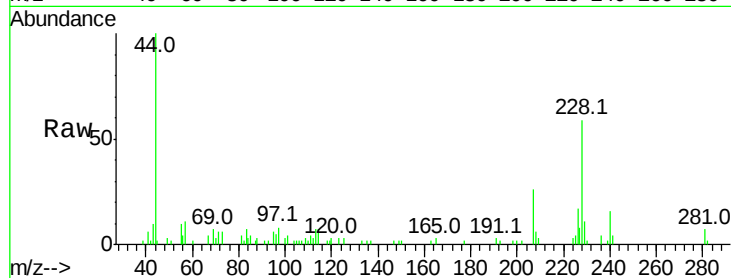
Delta R.T. 0.02 min

Lab File: BF100293.D

Acq: 8 Nov 2017 16:01

Tot Ion:228 Resp: 10172

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.6	33.8
229	19.5	15.8	23.6

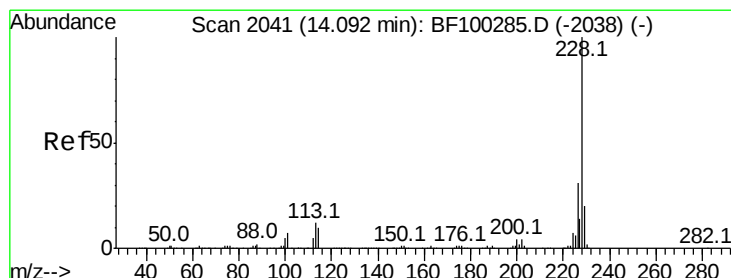
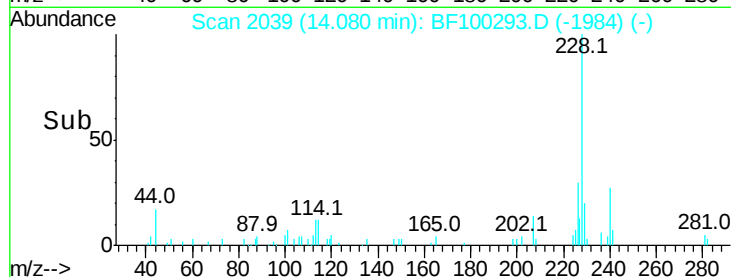
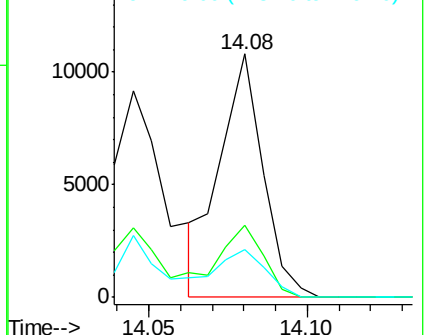


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 0.367 ng

RT: 14.08 min Scan# 2039

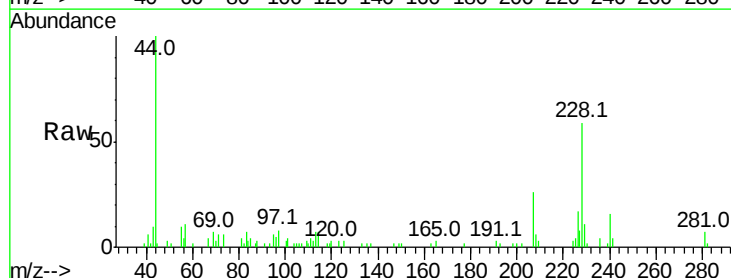
Delta R.T. -0.01 min

Lab File: BF100293.D

Acq: 8 Nov 2017 16:01

Tgt Ion:228 Resp: 10172

Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.6
229	19.5	16.2	24.4

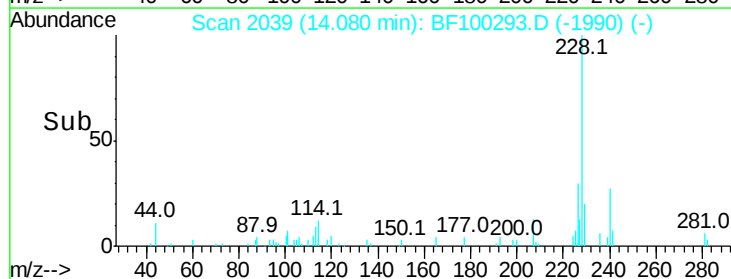
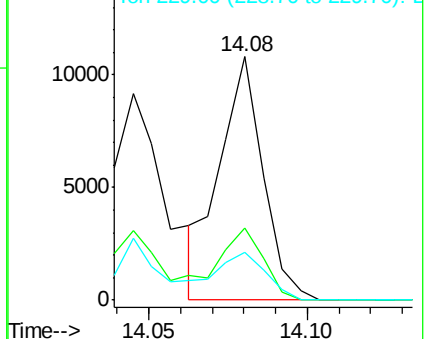


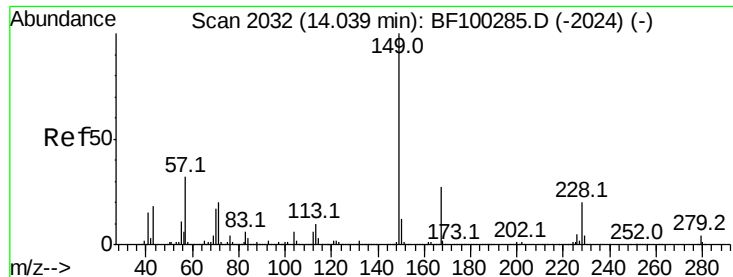
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

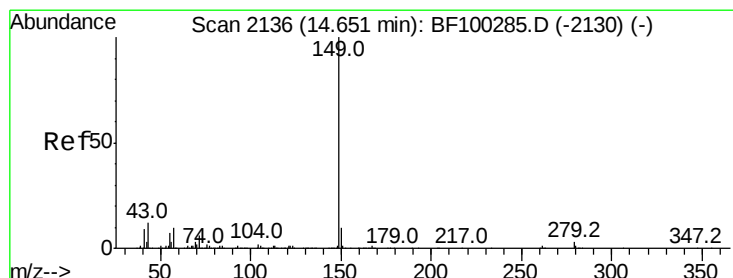
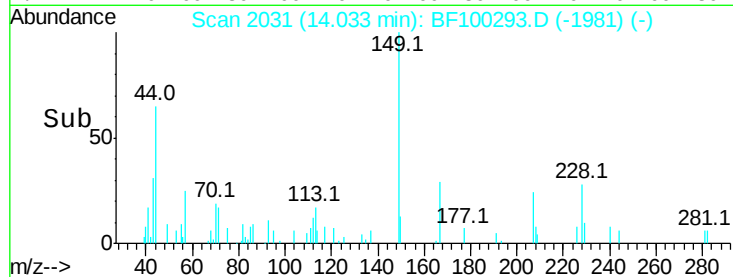
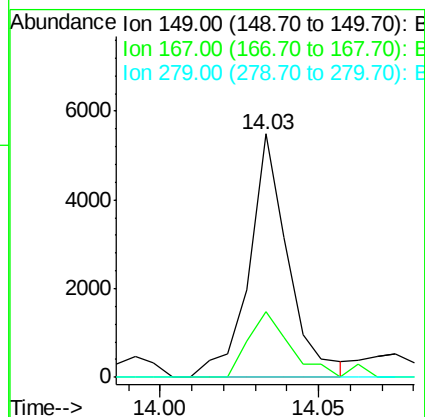
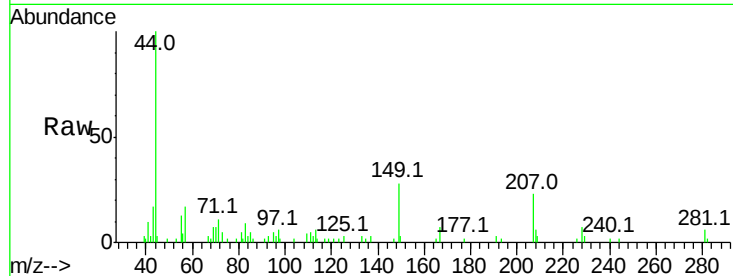
Ion 229.00 (228.70 to 229.70): E





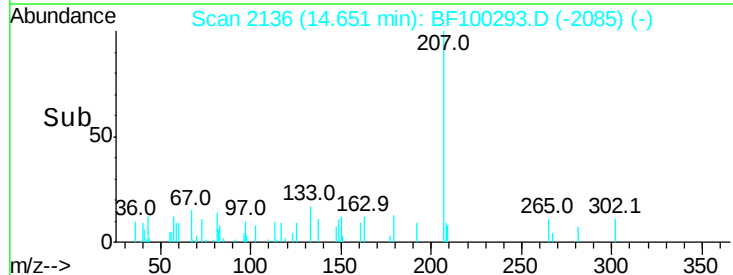
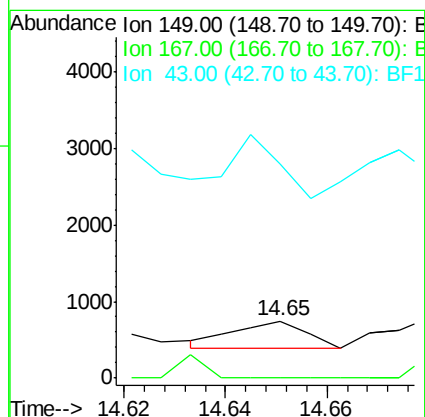
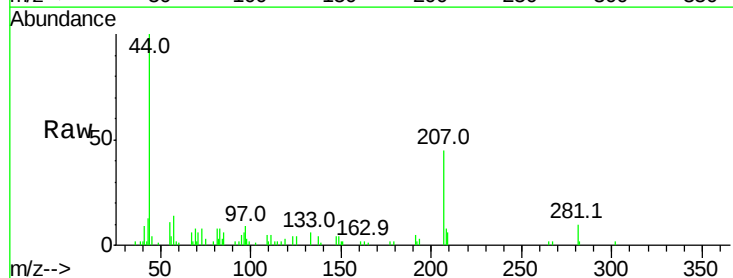
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.256 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF100293.D
 Acq: 8 Nov 2017 16:01

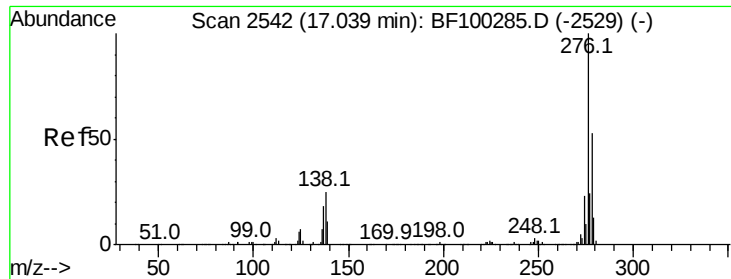
Tot Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.3	31.9
279	0.0	3.0	4.4#



#84
 Di-n-octyl phthalate
 Concen: 0.011 ng
 RT: 14.65 min Scan# 2136
 Delta R.T. 0.00 min
 Lab File: BF100293.D
 Acq: 8 Nov 2017 16:01

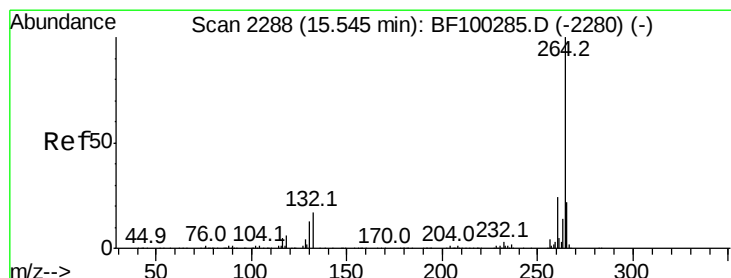
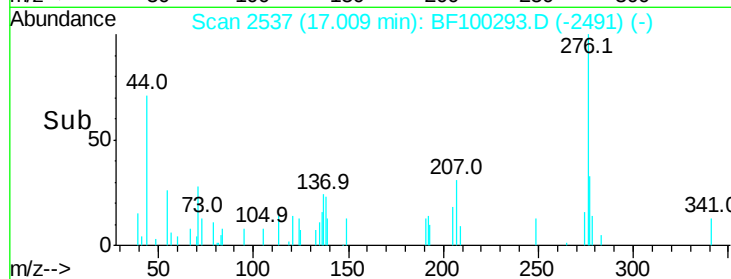
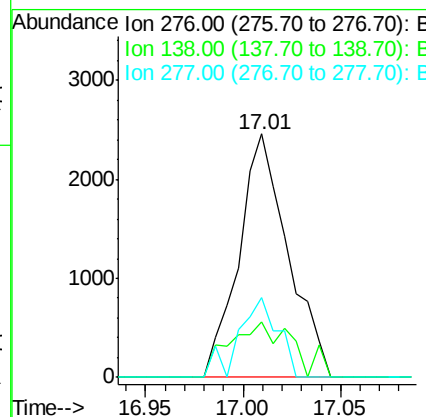
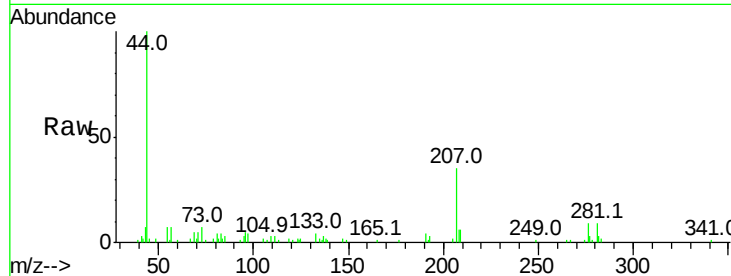
Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.3	1.2	1.8#
43	229.2	8.4	12.6#





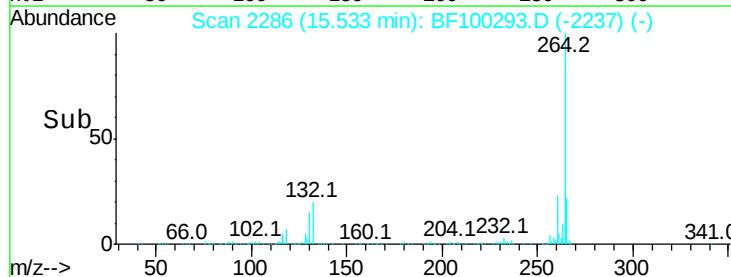
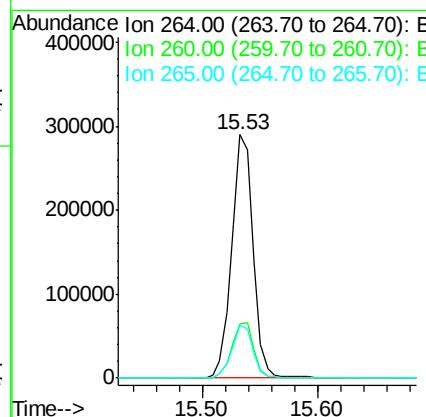
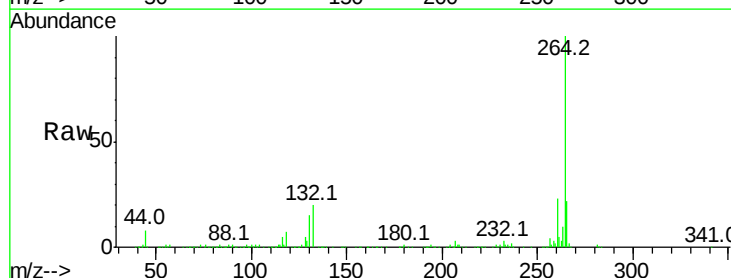
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.191 ng
RT: 17.01 min Scan# 2537
Delta R.T. -0.03 min
Lab File: BF100293.D
Acq: 8 Nov 2017 16:01

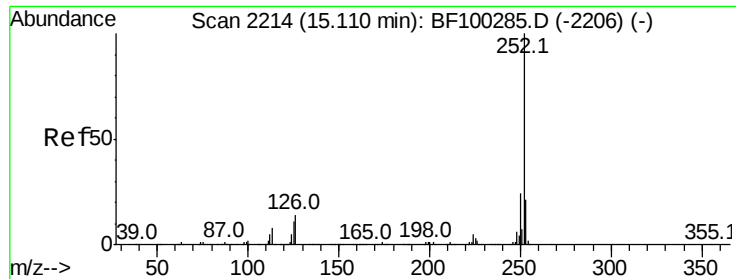
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.7	25.0	37.6
277	25.9	20.1	30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.01 min
Lab File: BF100293.D
Acq: 8 Nov 2017 16:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	21.9	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 0.651 ng

RT: 15.10 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BF100293.D

Acq: 8 Nov 2017 16:01

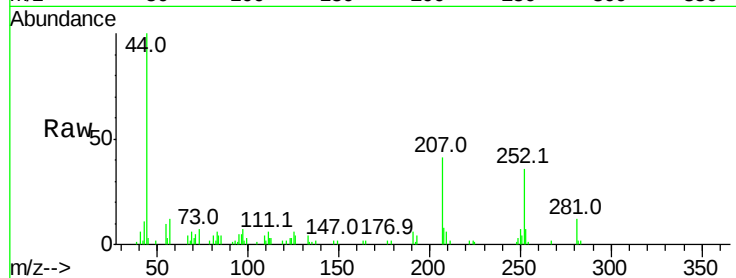
Tot Ion:252 Resp: 14376

Ion Ratio Lower Upper

252 100

253 18.2 17.0 25.6

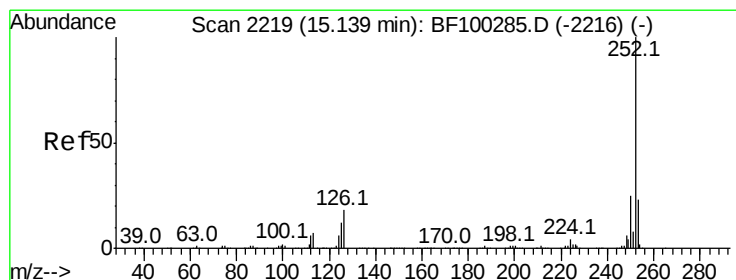
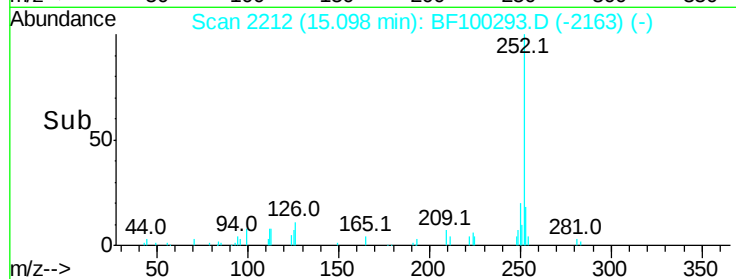
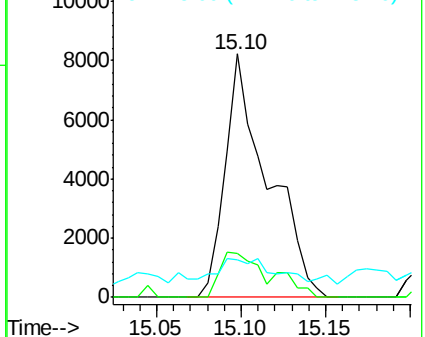
125 15.4 9.0 13.6#



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



#88

Benzo(k)fluoranthene

Concen: 0.689 ng

RT: 15.10 min Scan# 2212

Delta R.T. -0.04 min

Lab File: BF100293.D

Acq: 8 Nov 2017 16:01

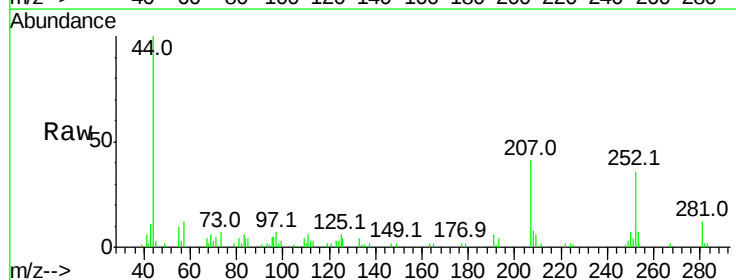
Tgt Ion:252 Resp: 14376

Ion Ratio Lower Upper

252 100

253 18.2 17.9 26.9

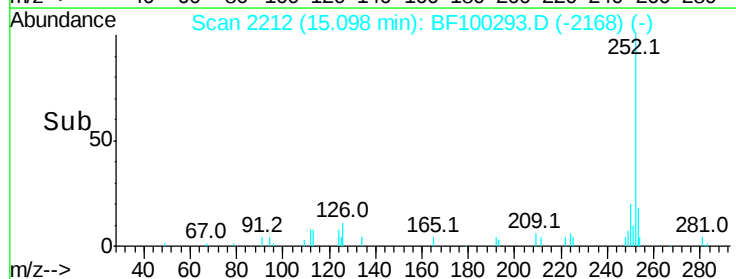
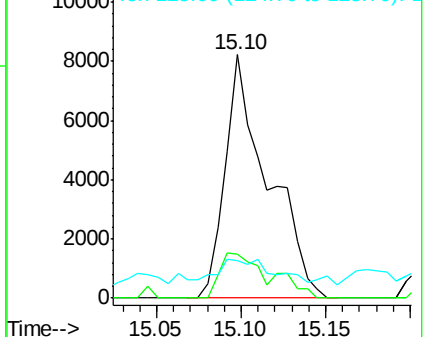
125 15.4 10.2 15.2#

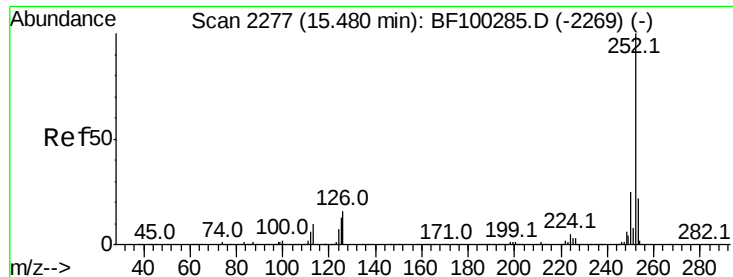


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

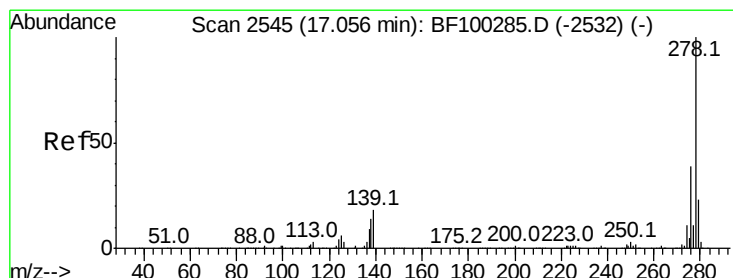
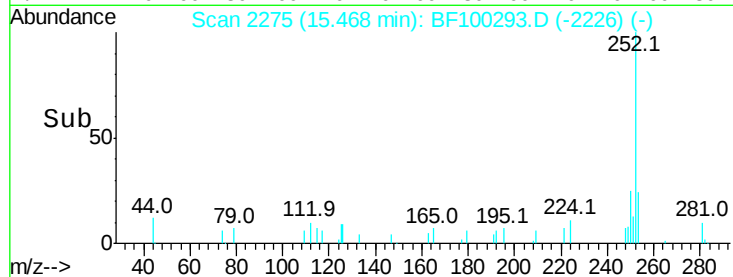
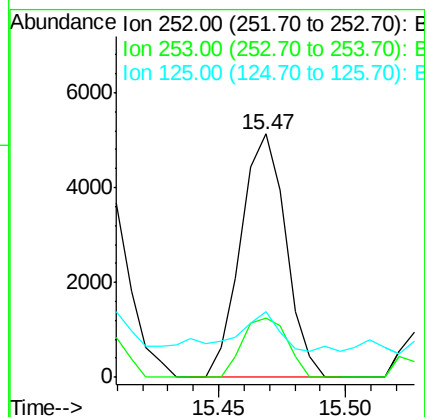
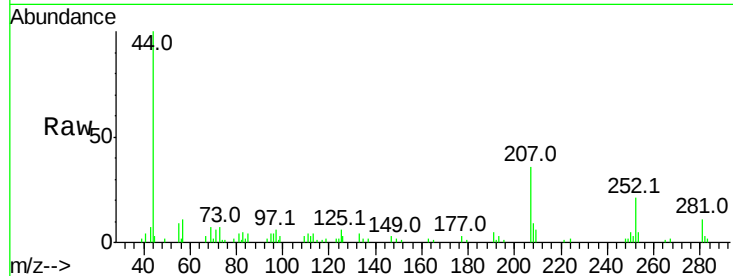
Ion 125.00 (124.70 to 125.70): E





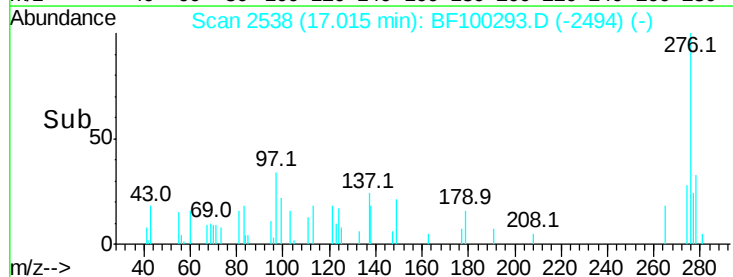
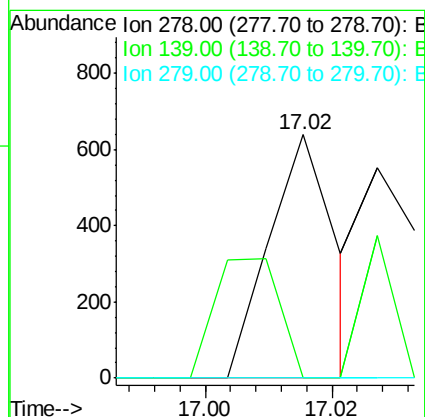
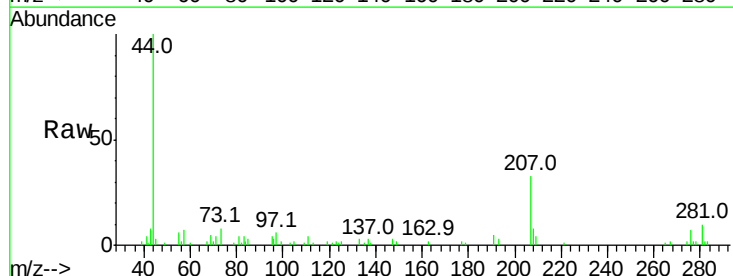
#89
Benzo(a)pyrene
Concen: 0.325 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF100293.D
Acq: 8 Nov 2017 16:01

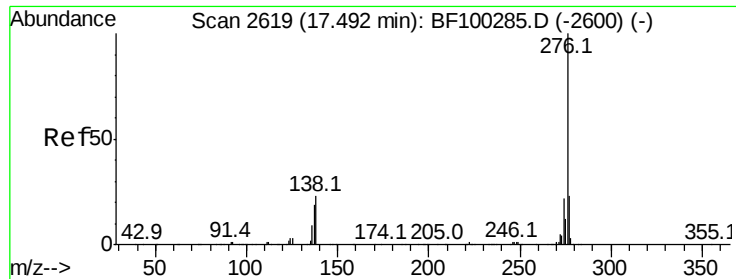
Tot Ion:252 Resp: 6370
Ion Ratio Lower Upper
252 100
253 24.4 17.1 25.7
125 26.9 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 0.029 ng
RT: 17.02 min Scan# 2538
Delta R.T. -0.04 min
Lab File: BF100293.D
Acq: 8 Nov 2017 16:01

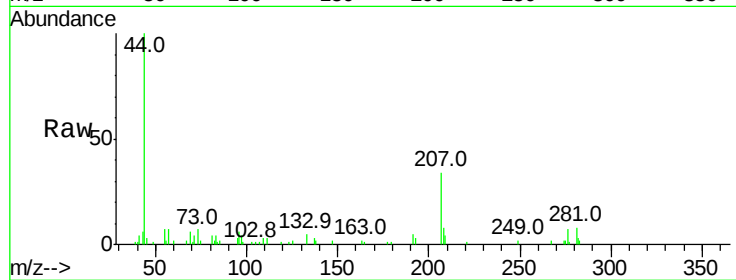
Tgt Ion:278 Resp: 462
Ion Ratio Lower Upper
278 100
139 0.0 15.9 23.9#
279 0.0 19.0 28.4#





#91
 Benzo(a,h,i)perylene
 Concen: 0.261 ng
 RT: 17.46 min Scan# 2614
 Delta R.T. -0.03 min
 Lab File: BF100293.D
 Acq: 8 Nov 2017 16:01

Tot Ion	Ratio	Lower	Upper
276	100		
277	17.9	17.9	26.9
138	26.6	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

