

Data Path : U:\HPCHEM1\BNA F\DATA\BF020618\
 Data File : BF102786.D
 Acq On : 6 Feb 2018 16:12
 Operator : SJ/JU
 Sample : J1454-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 06 18:19:37 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	149088	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	599029	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	219313	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	275444	20.00	ng	0.01
75) Chrysene-d12	14.12	240	85090	20.00	ng	0.07
86) Perylene-d12	15.63	264	140720	20.00	ng	0.11

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1297094	132.13	ng	0.01
7) Phenol-d6	6.52	99	1454304	123.03	ng	0.01
23) Nitrobenzene-d5	7.45	82	869874	100.74	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	207186	117.37	ng	0.01
44) 2-Fluorobiphenyl	9.25	172	1082651	81.92	ng	0.00
78) Terphenyl-d14	13.04	244	312039	86.83	ng	0.05

Target Compounds

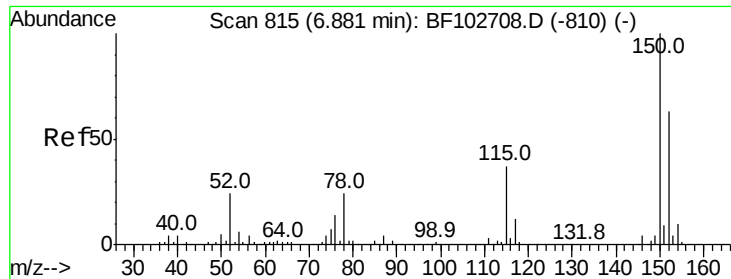
						Qvalue
2) 1,4-Dioxane	2.66	88	13145	2.711	ng	# 67
9) Benzaldehyde	6.43	77	43902	5.001	ng	# 13
10) Phenol	6.52	94	39152	3.091	ng	# 82
15) Benzyl Alcohol	7.05	79	27275	3.001	ng	# 37
18) Hexachloroethane	7.42	117	122267	30.583	ng	# 1
19) n-Nitroso-di-n-propylamine	7.32	70	94389	12.111	ng	# 66
22) Acetophenone	7.28	105	34495	2.353	ng	# 26
24) Nitrobenzene	7.46	77	22759	2.171	ng	# 36
25) Isophorone	7.70	82	103210	5.191	ng	# 1
26) 2-Nitrophenol	7.79	139	15185	11.648	ng	# 1
31) Naphthalene	8.19	128	144299	4.930	ng	# 85
32) Benzoic acid	7.96	122	10296	10.212	ng	# 21
35) Caprolactam	8.62	113	9889	3.729	ng	# 1
37) 2-Methylnaphthalene	8.88	142	180120	9.400	ng	# 98
47) 2-Nitroaniline	9.48	65	1763	3.837	ng	# 1
49) Dimethylphthalate	9.63	163	99369	5.811	ng	# 89
51) Acenaphthene	9.96	154	61148	4.527	ng	# 93
53) 2,4-Dinitrophenol	10.00	184	756	9.247	ng	# 1
54) Dibenzofuran	10.13	168	63265	3.323	ng	# 5
55) 4-Nitrophenol	10.03	139	43134	16.476	ng	# 54
56) 2,4-Dinitrotoluene	10.13	165	20229	7.415	ng	# 46
57) Fluorene	10.47	166	99037	7.151	ng	# 95
64) 4,6-Dinitro-2-methylphenol	10.54	198	1361	9.889	ng	# 1
65) n-Nitrosodiphenylamine	10.59	169	200548	20.642	ng	# 43
70) Phenanthrene	11.44	178	429901	28.024	ng	# 95
71) Anthracene	11.50	178	69427	4.450	ng	# 71
73) Di-n-butylphthalate	11.99	149	1479828	79.697	ng	# 99
74) Fluoranthene	12.69	202	187735	12.164	ng	# 83
76) Benzdine	12.83	184	9328	2.385	ng	# 1
77) Pyrene	12.92	202	178769	26.792	ng	# 89
80) Benzo(a)anthracene	14.12	228	64715	12.093	ng	# 43
81) 3,3'-Dichlorobenzidine	14.05	252	5232	2.637	ng	# 1
82) Chrysene	14.14	228	98982	18.349	ng	# 65
83) Bis(2-ethylhexyl)phthalate	14.08	149	18625	4.557	ng	# 14

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 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) Indeno(1,2,3-cd)pyrene	17.12	276	69612	15.559	ng	98
87) Benzo(b)fluoranthene	15.20	252	133604	14.644	ng	# 1
88) Benzo(k)fluoranthene	15.20	252	133604	15.326	ng	# 1
89) Benzo(a)pyrene	15.57	252	80193	9.765	ng	# 1
90) Dibenzo(a,h)anthracene	17.12	278	20526	3.079	ng	# 1
91) Benzo(a,h,i)perylene	17.57	276	74406	11.405	ng	# 82

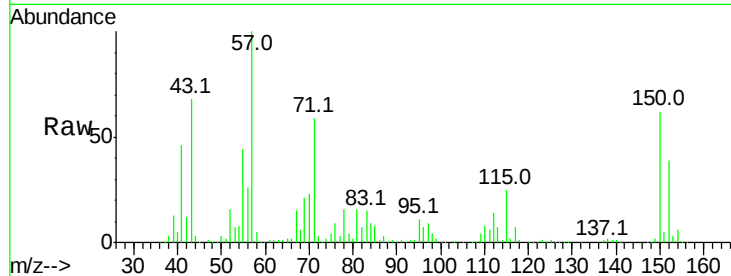
(#) = qualifier out of range (m) = manual integration (+) = signals summed



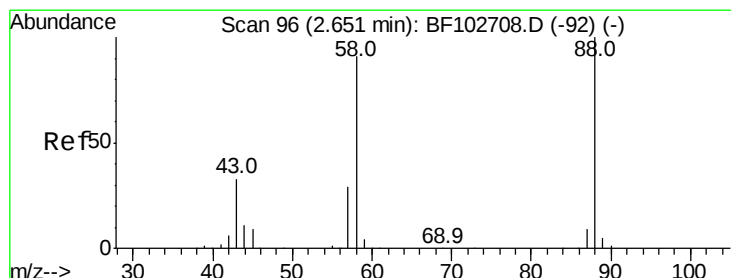
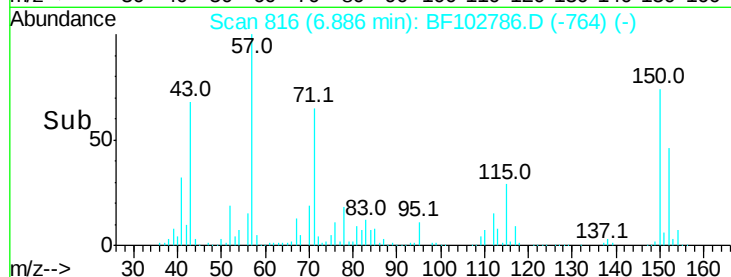
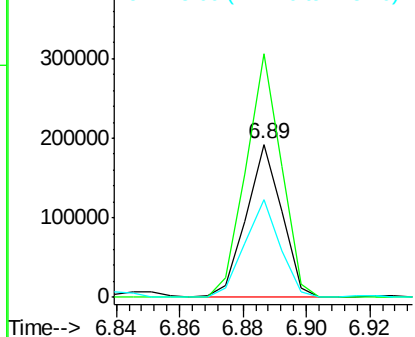
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102786.D
Acq: 6 Feb 2018 16:12

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.6	186.8
115	63.5	50.1	75.1



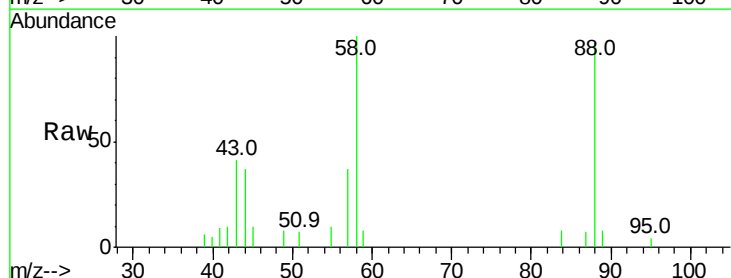
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



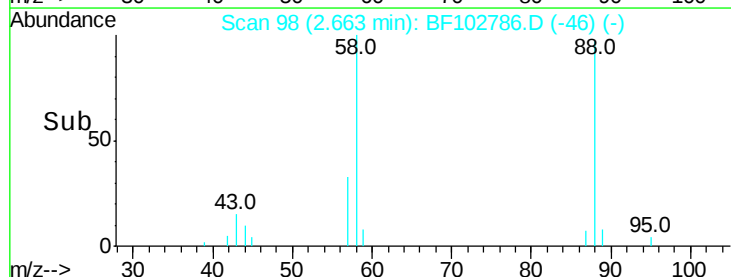
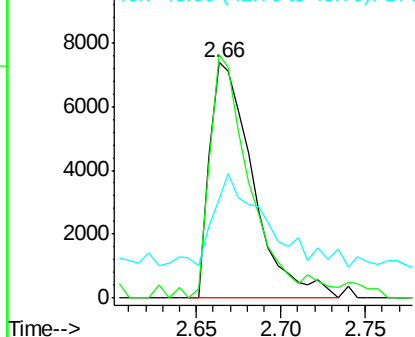
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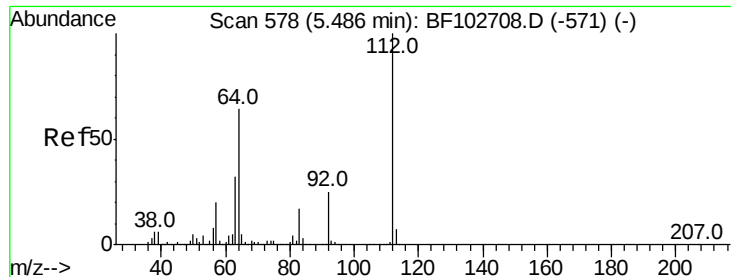
1,4-Dioxane
Concen: 2.711 ng
RT: 2.66 min Scan# 98
Delta R.T. 0.01 min
Lab File: BF102786.D
Acq: 6 Feb 2018 16:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.7	62.6	93.8#
43	62.9	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: 132.127 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.01 min

Lab File: BF102786.D

Acq: 6 Feb 2018 16:12

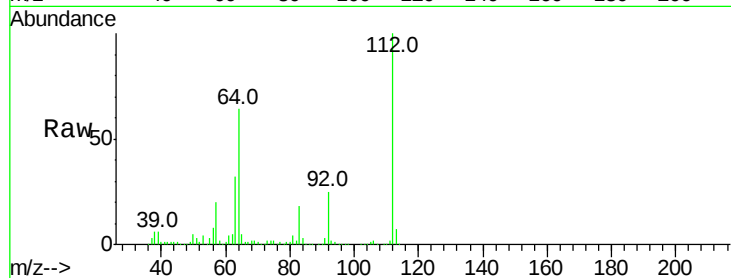
Tot Ion:112 Resp: 1297094

Ion Ratio Lower Upper

112 100

64 63.6 47.9 71.9

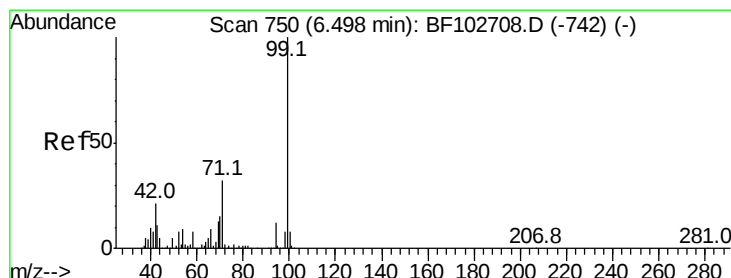
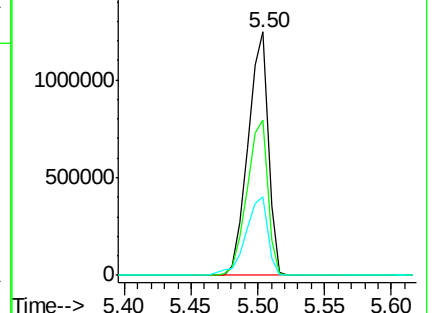
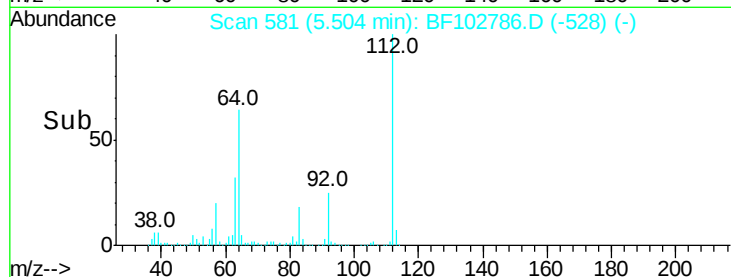
63 32.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#7

Phenol-d6

Concen: 123.034 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102786.D

Acq: 6 Feb 2018 16:12

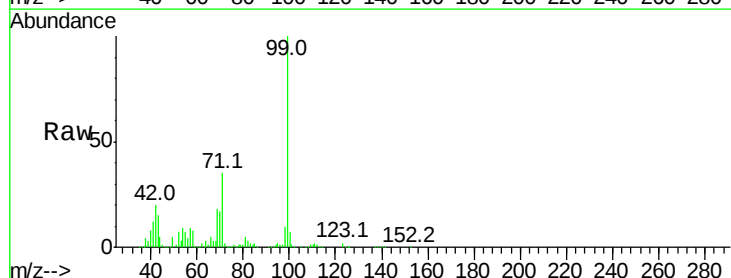
Tgt Ion: 99 Resp: 1454304

Ion Ratio Lower Upper

99 100

42 20.1 14.5 21.7

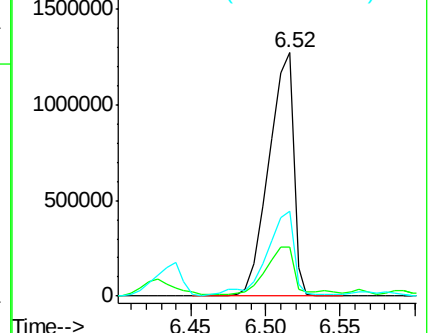
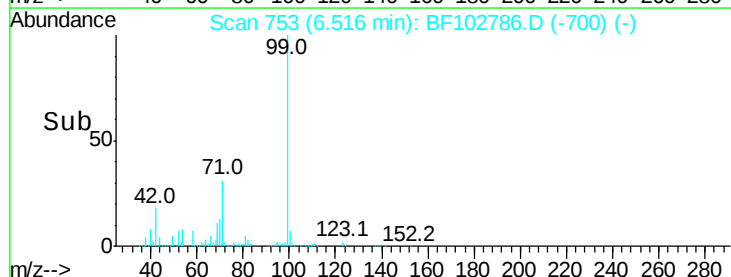
71 34.9 25.4 38.0

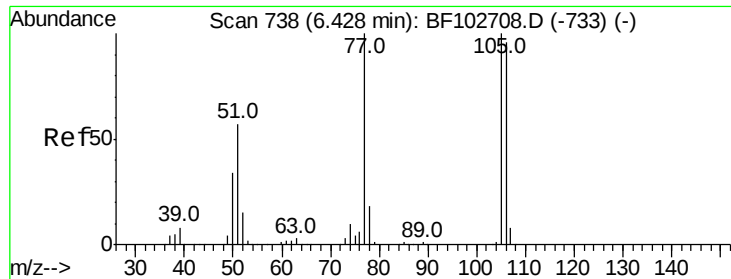


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#9

Benzaldehyde

Concen: 5.001 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF102786.D

Acq: 6 Feb 2018 16:12

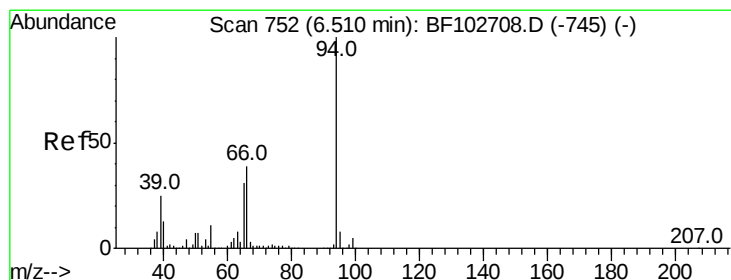
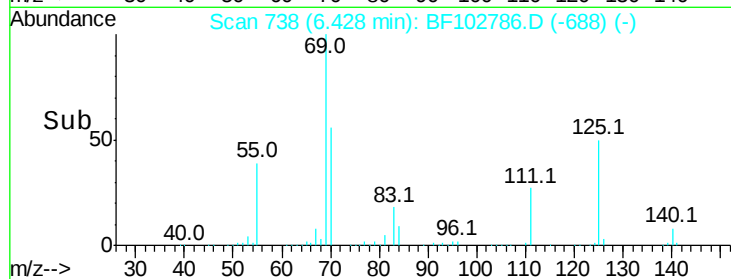
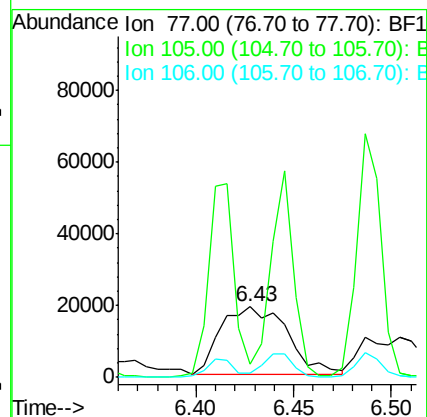
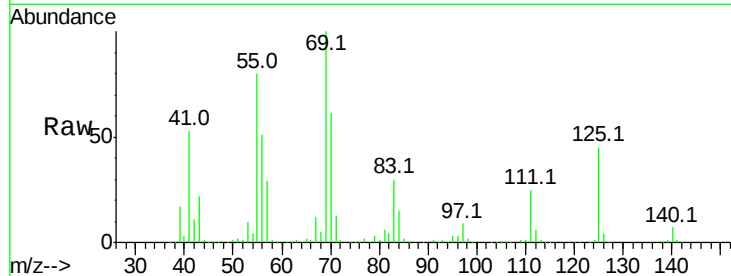
Tot Ion: 77 Resp: 43902

Ion Ratio Lower Upper

77 100

105 18.0 81.1 121.1#

106 6.4 74.5 114.5#



#10

Phenol

Concen: 3.091 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF102786.D

Acq: 6 Feb 2018 16:12

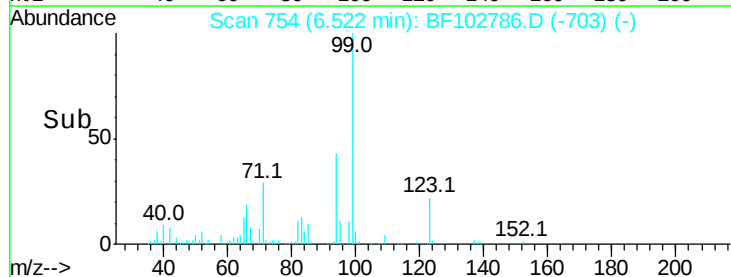
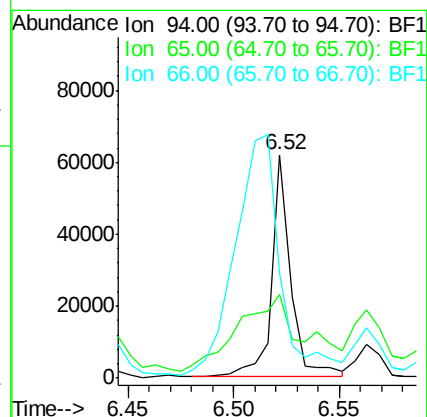
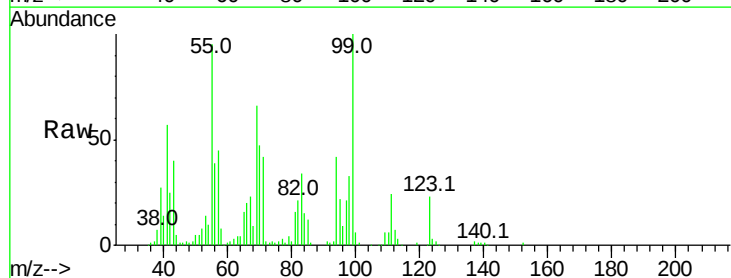
Tgt Ion: 94 Resp: 39152

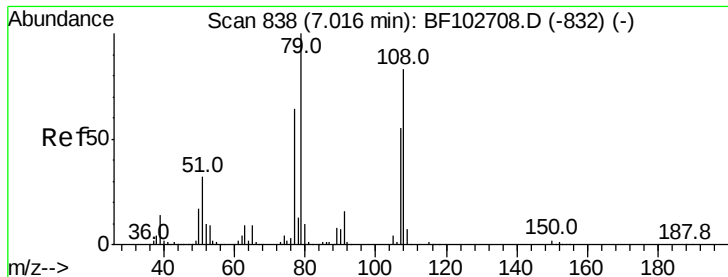
Ion Ratio Lower Upper

94 100

65 37.3 7.9 47.9

66 47.1 16.2 56.2





#15

Benzyl Alcohol

Concen: 3.001 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.02 min

Lab File: BF102786.D

Acq: 6 Feb 2018 16:12

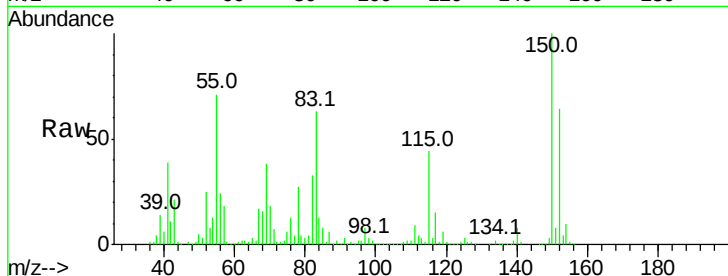
Tot Ion: 79 Resp: 27275

Ion Ratio Lower Upper

79 100

108 18.0 65.1 97.7#

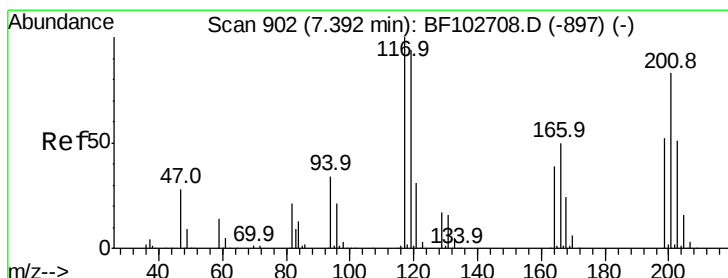
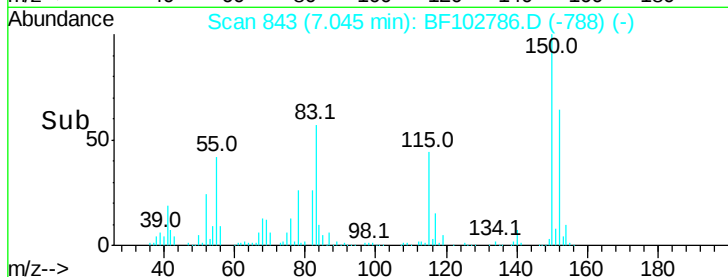
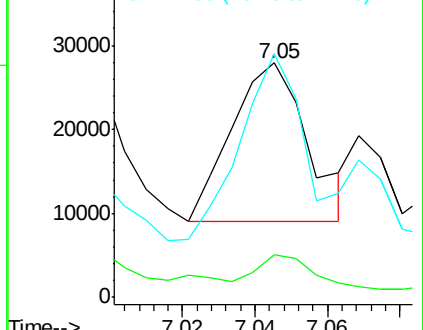
77 103.9 50.6 75.8#



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



#18

Hexachloroethane

Concen: 30.583 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.02 min

Lab File: BF102786.D

Acq: 6 Feb 2018 16:12

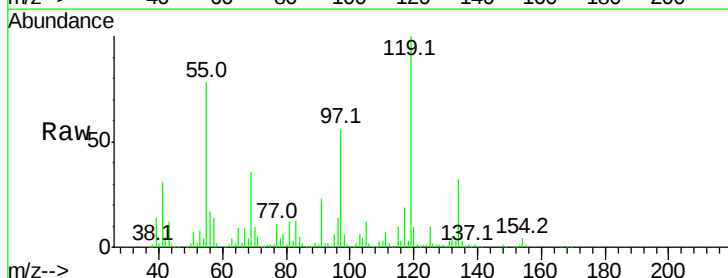
Tgt Ion: 117 Resp: 122267

Ion Ratio Lower Upper

117 100

119 538.3 75.8 113.8#

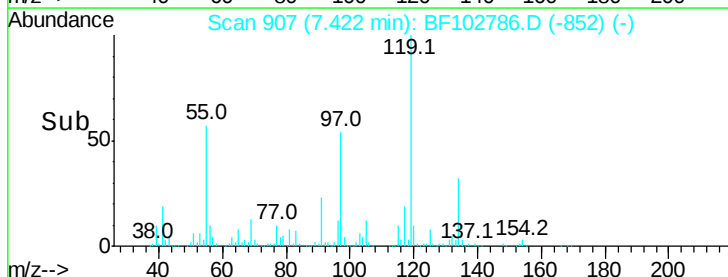
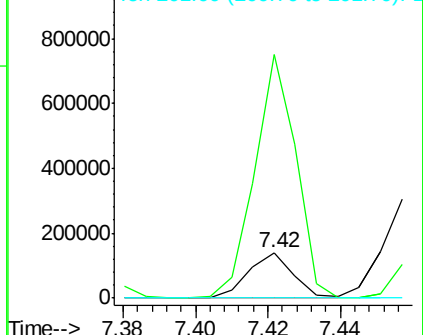
201 0.0 75.7 113.5#

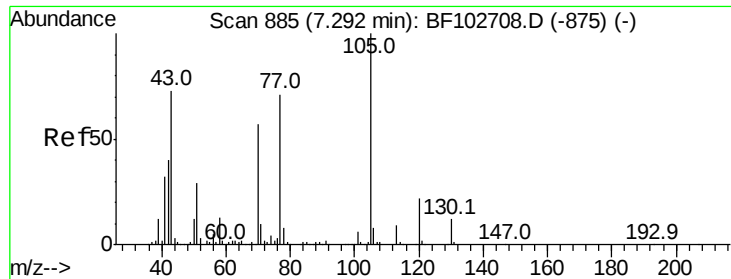


Abundance Ion 117.00 (116.70 to 117.70): BF1

Ion 119.00 (118.70 to 119.70): BF1

Ion 201.00 (200.70 to 201.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 12.111 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.02 min

Lab File: BF102786.D

Acq: 6 Feb 2018 16:12

Tot Ion: 70 Resp: 94389

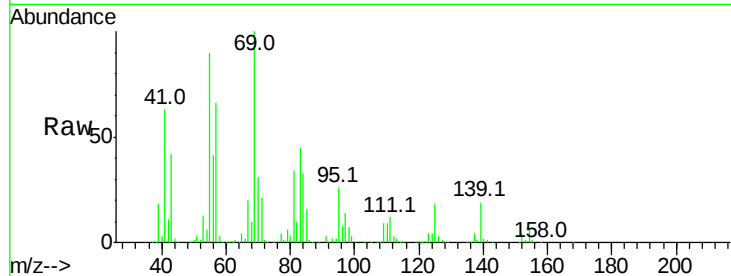
Ion Ratio Lower Upper

70 100

42 35.8 47.5 71.3#

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#

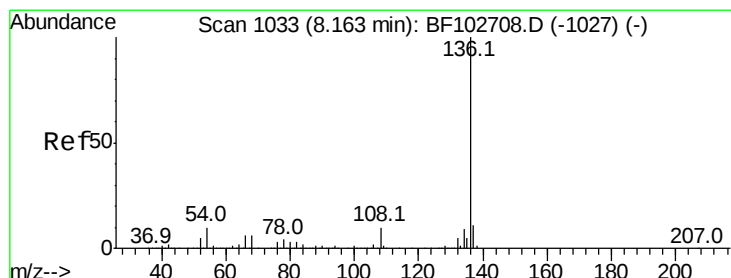
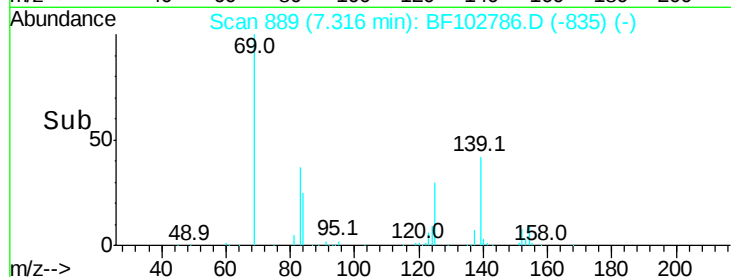
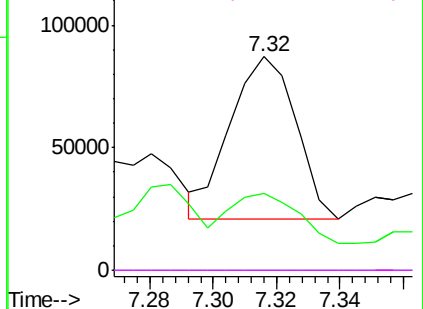


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF102786.D

Acq: 6 Feb 2018 16:12

Tgt Ion:136 Resp: 599029

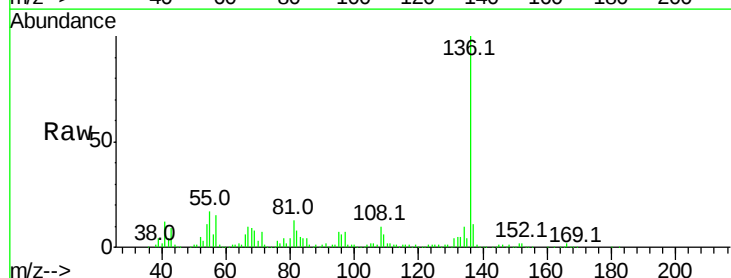
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 11.5 6.6 9.8#

68 8.5 5.0 7.4#

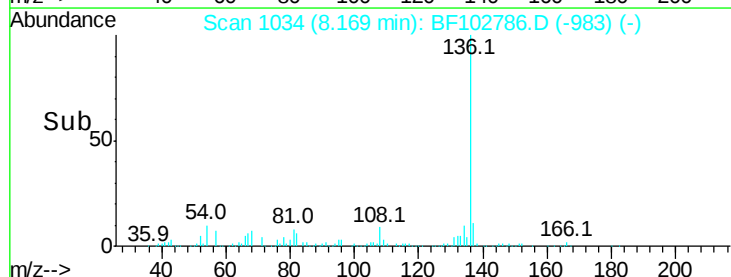
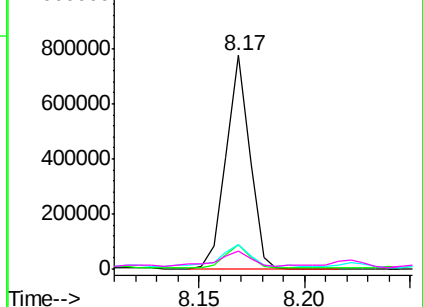


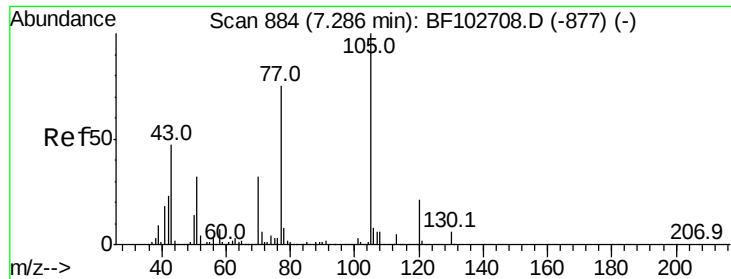
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

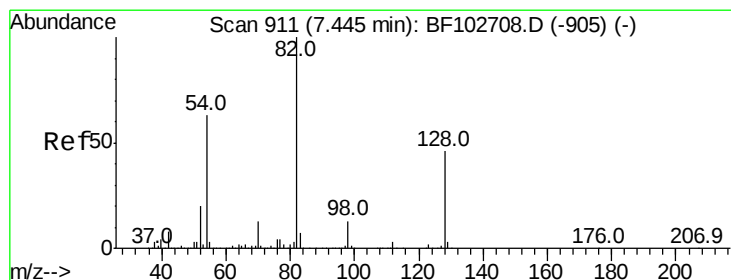
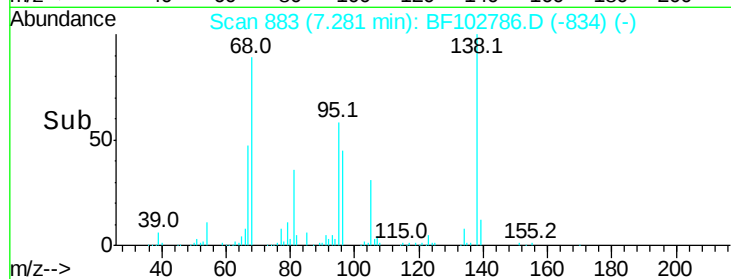
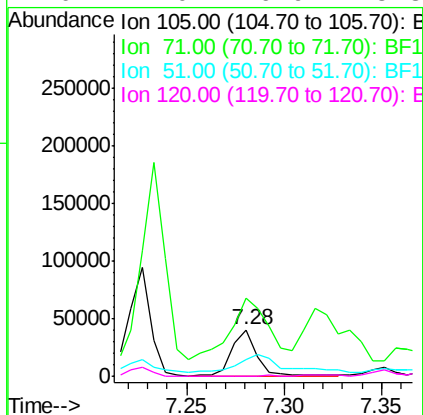
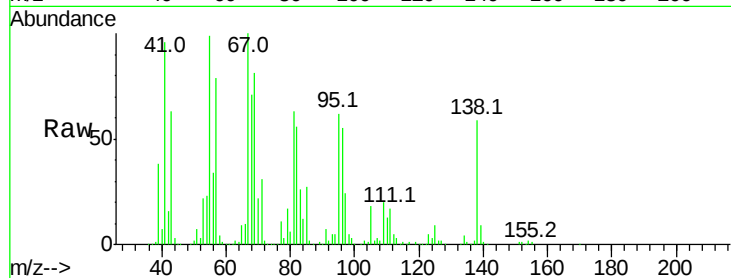
Ion 68.00 (67.70 to 68.70): BF1





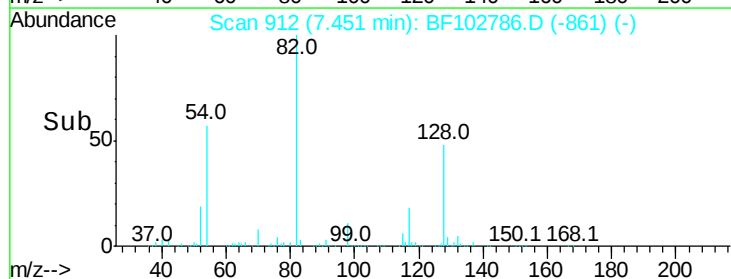
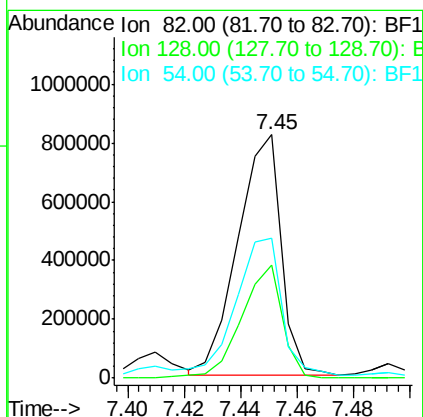
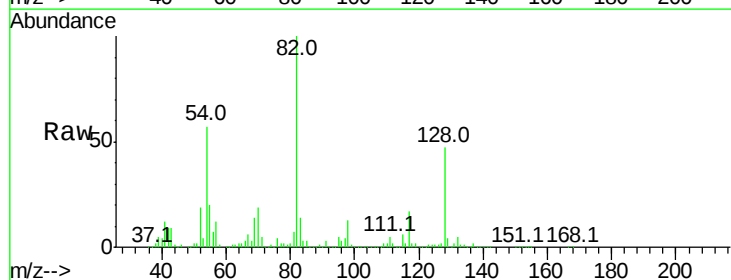
#22
Acetophenone
Concen: 2.353 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102786.D
Acq: 6 Feb 2018 16:12

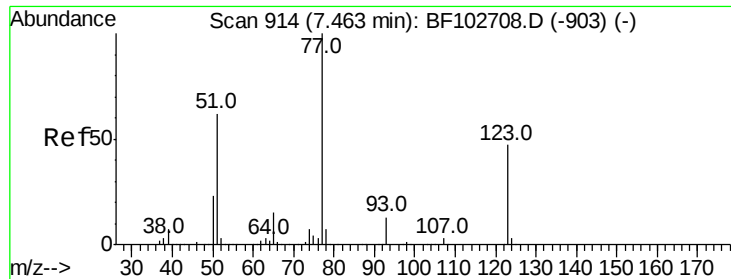
Tot Ion:105 Resp: 34495
Ion Ratio Lower Upper
105 100
71 168.0 4.4 6.6#
51 36.5 22.3 33.5#
120 1.0 16.9 25.3#



#23
Nitrobenzene-d5
Concen: 100.736 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.00 min
Lab File: BF102786.D
Acq: 6 Feb 2018 16:12

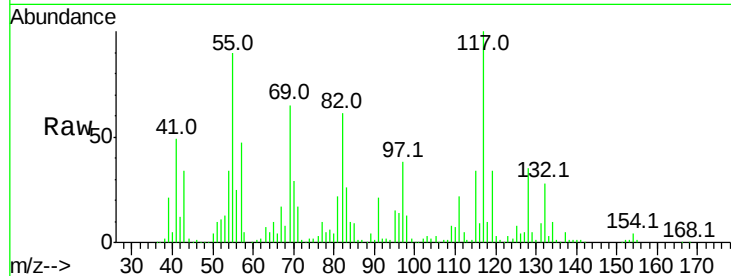
Tgt Ion: 82 Resp: 869874
Ion Ratio Lower Upper
82 100
128 46.5 36.1 54.1
54 57.4 41.4 62.2



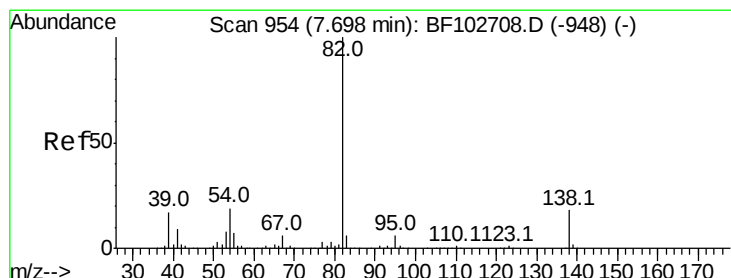
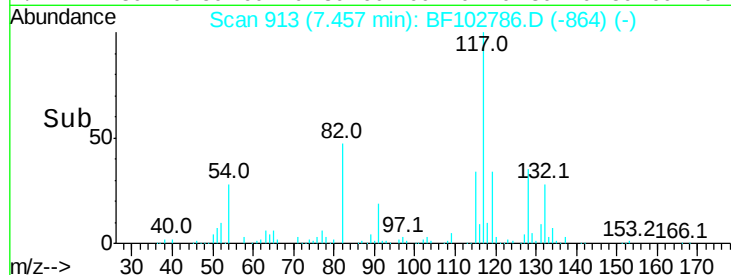
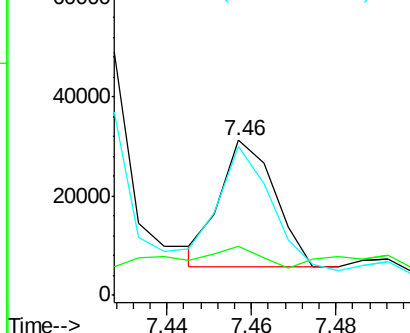


#24
 Nitrobenzene
 Concen: 2.171 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF102786.D
 Acq: 6 Feb 2018 16:12

Tot Ion	77	Resp	22759
Ion	Ratio	Lower	Upper
77	100		
123	31.2	37.9	56.9#
65	95.7	11.0	16.4#

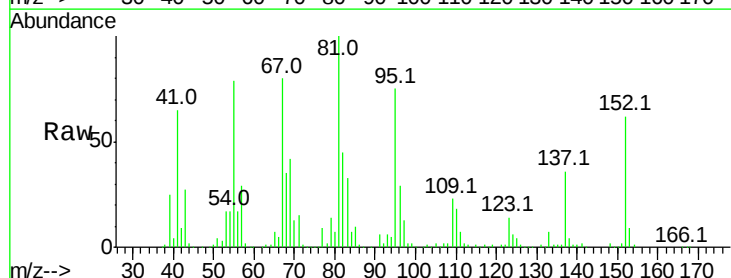


Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1

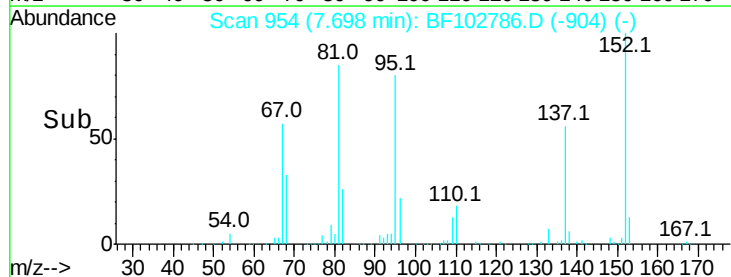
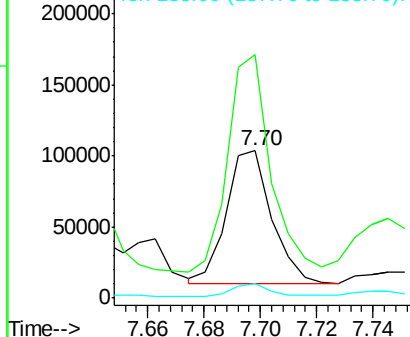


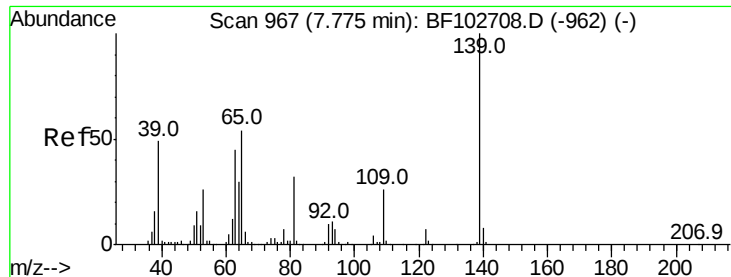
#25
 Isophorone
 Concen: 5.191 ng
 RT: 7.70 min Scan# 954
 Delta R.T. -0.01 min
 Lab File: BF102786.D
 Acq: 6 Feb 2018 16:12

Tgt Ion	82	Resp	103210
Ion	Ratio	Lower	Upper
82	100		
95	165.3	5.2	7.8#
138	9.4	14.9	22.3#



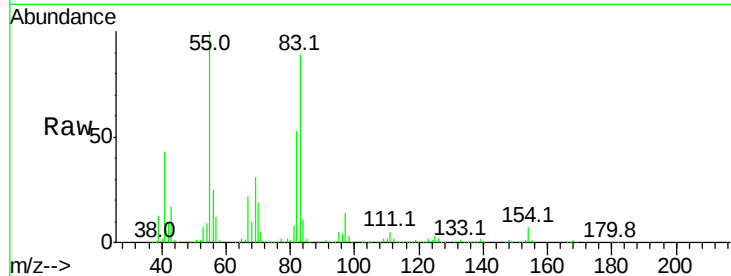
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1



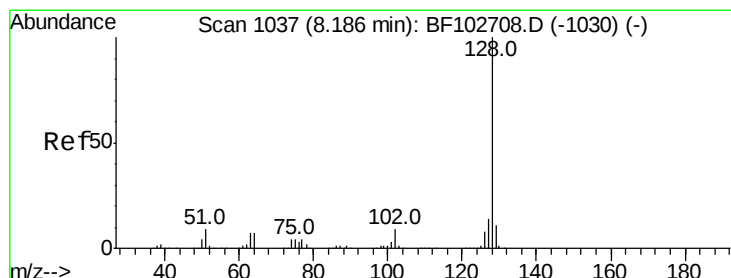
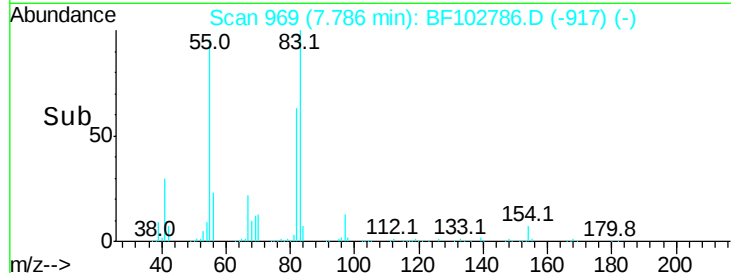
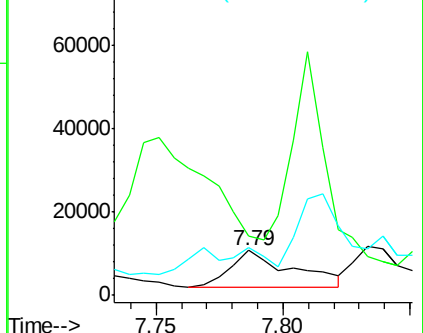


#26
2-Nitrophenol
Concen: 11.648 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.01 min
Lab File: BF102786.D
Acq: 6 Feb 2018 16:12

Tot Ion	Ratio	Lower	Upper
139	100		
109	132.4	22.7	34.1#
65	106.8	40.5	60.7#

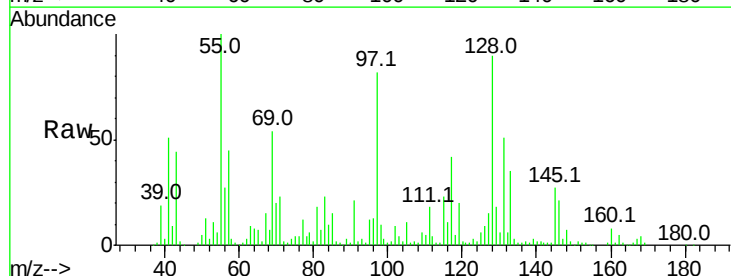


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

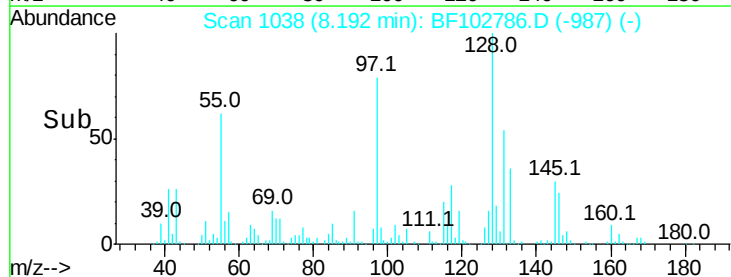
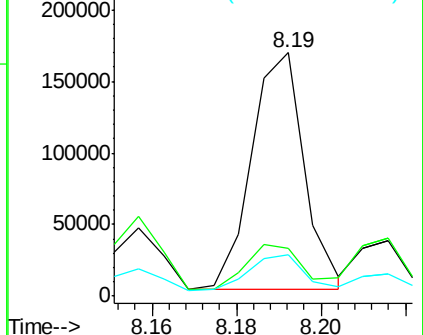


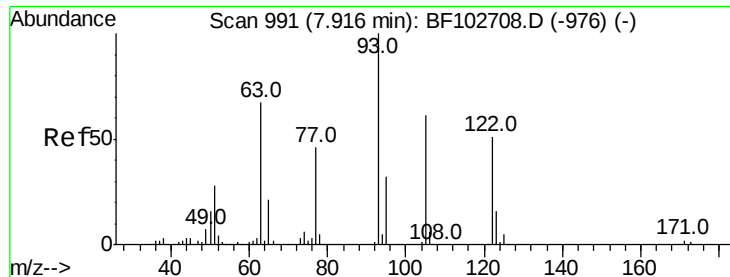
#31
Naphthalene
Concen: 4.930 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF102786.D
Acq: 6 Feb 2018 16:12

Tgt Ion	Ratio	Lower	Upper
128	100		
129	19.5	8.8	13.2#
127	17.0	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





#32

Benzoic acid

Concen: 10.212 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.02 min

Lab File: BF102786.D

Acq: 6 Feb 2018 16:12

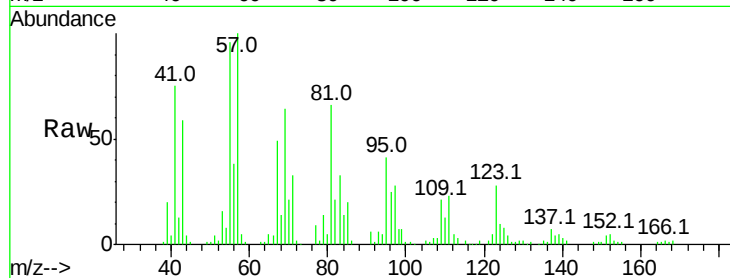
Tot Ion:122 Resp: 10296

Ion Ratio Lower Upper

122 100

105 35.2 101.1 141.1#

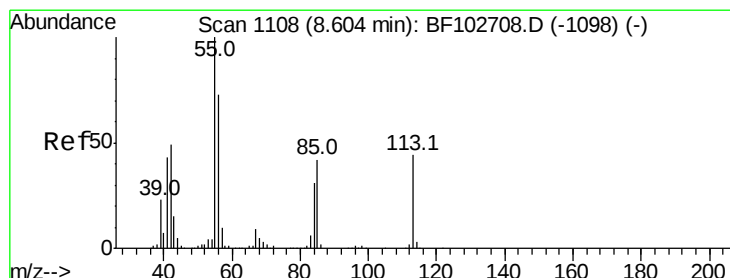
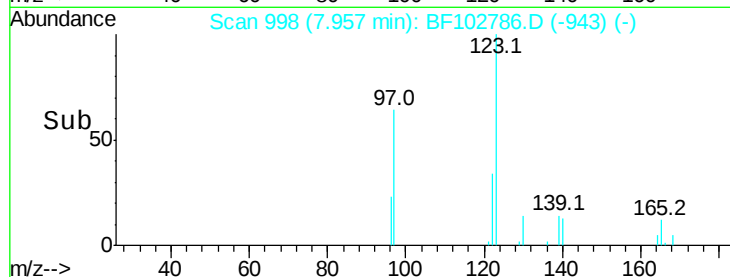
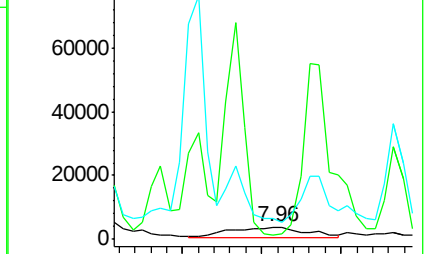
77 169.2 70.7 110.7#



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



#35

Caprolactam

Concen: 3.729 ng

RT: 8.62 min Scan# 1111

Delta R.T. 0.01 min

Lab File: BF102786.D

Acq: 6 Feb 2018 16:12

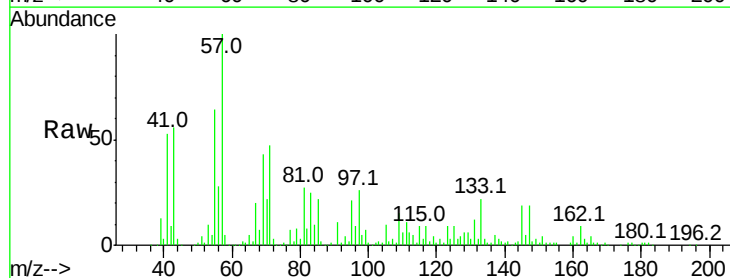
Tgt Ion:113 Resp: 9889

Ion Ratio Lower Upper

113 100

55 1229.7 163.3 203.3#

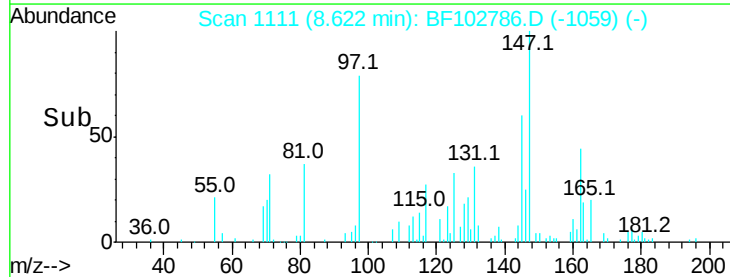
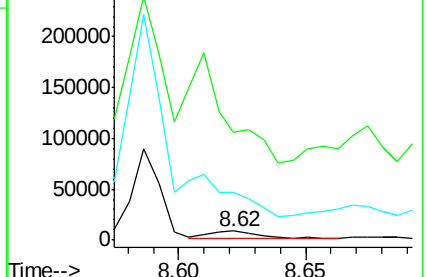
56 548.3 115.7 155.7#

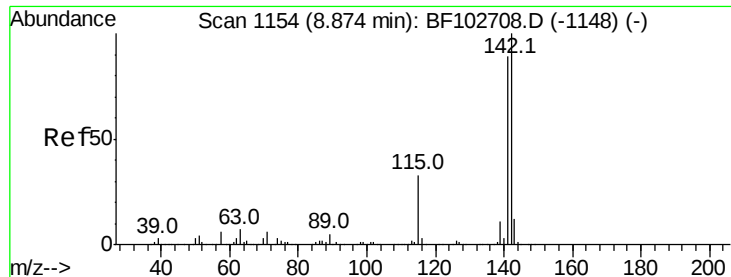


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

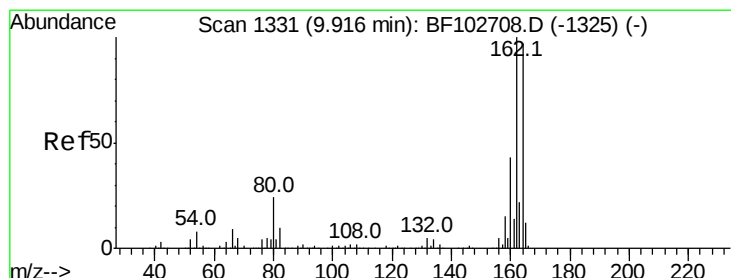
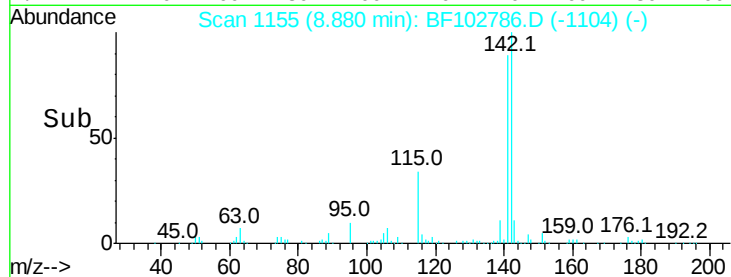
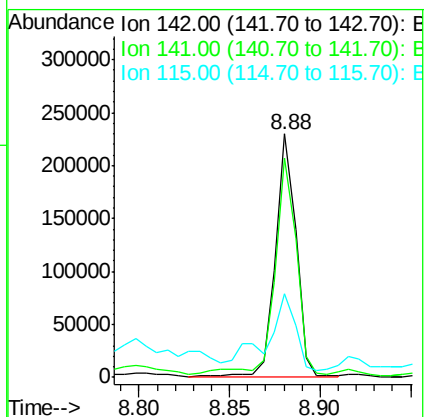
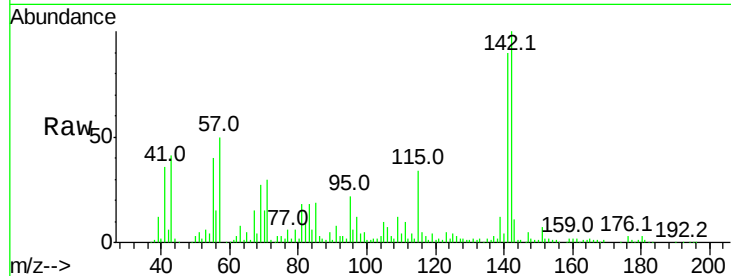
Ion 56.00 (55.70 to 56.70): BF1





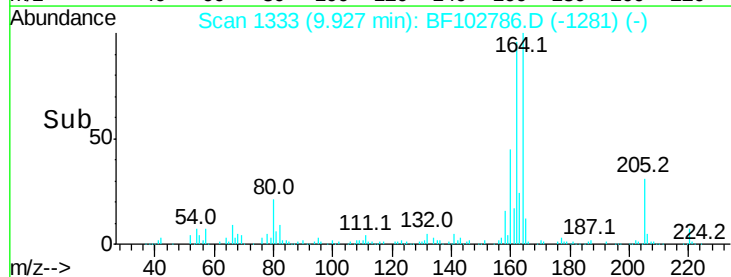
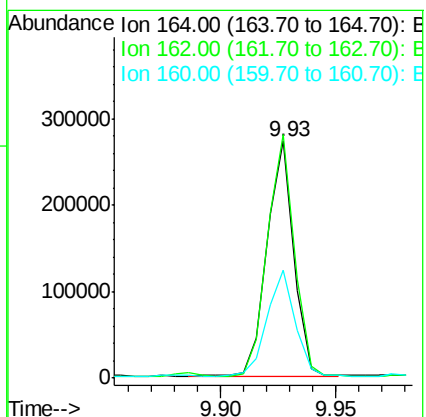
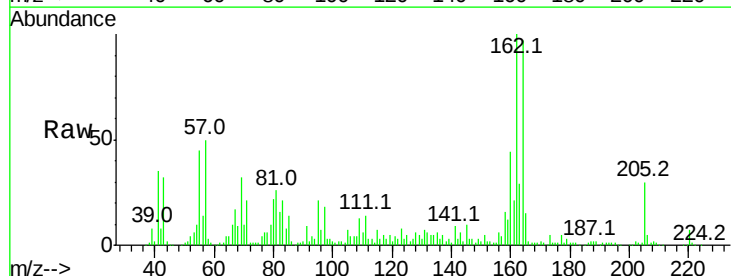
#37
 2-Methylnaphthalene
 Concen: 9.400 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BF102786.D
 Acq: 6 Feb 2018 16:12

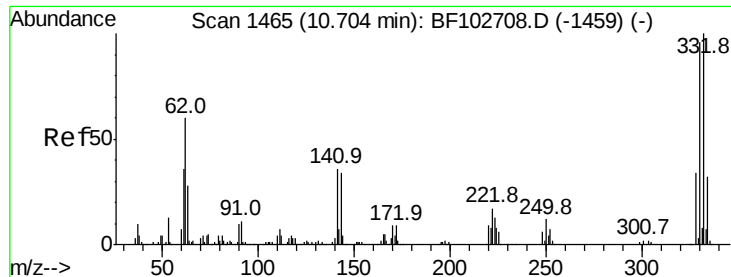
Tot Ion:	142	Resp:	180120
Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.8	106.2
115	34.5	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: BF102786.D
 Acq: 6 Feb 2018 16:12

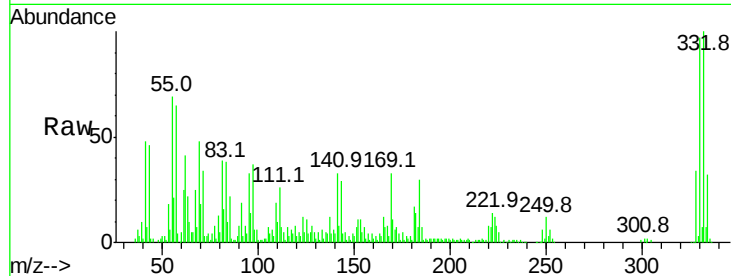
Tgt Ion:	164	Resp:	219313
Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	45.4	38.3	57.5



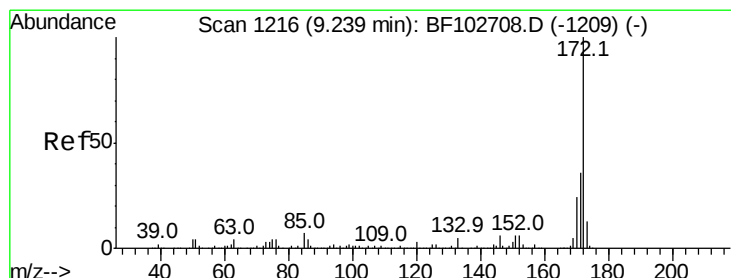
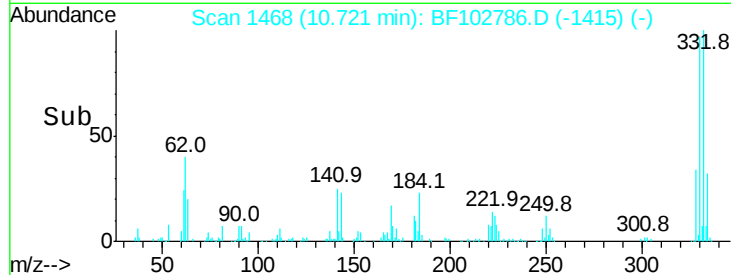
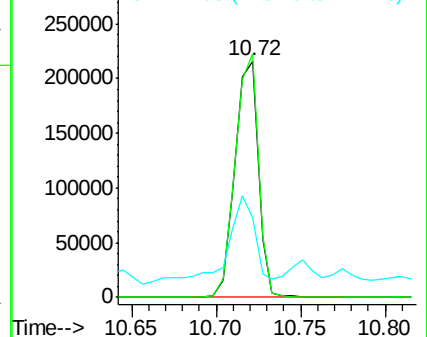


#41
 2,4,6-Tribromophenol
 Concen: 117.372 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.01 min
 Lab File: BF102786.D
 Acq: 6 Feb 2018 16:12

Tot Ion	Ratio	Lower	Upper
330	100		
332	101.9	77.0	115.6
141	44.6	29.9	44.9

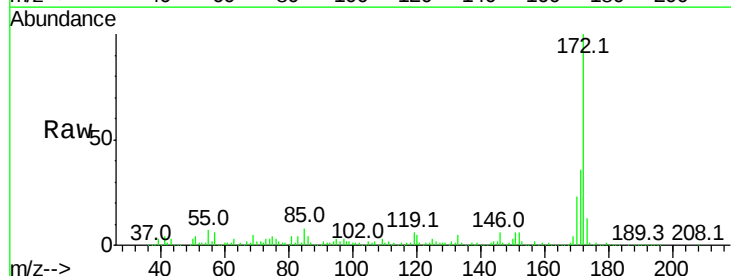


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

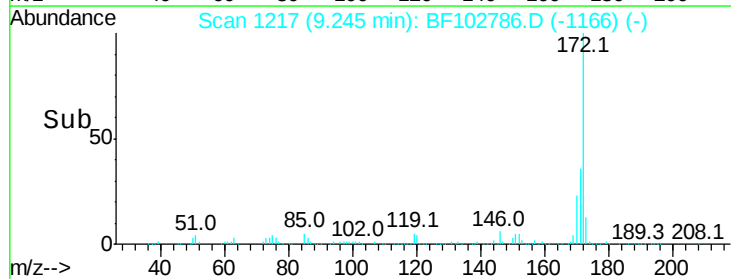
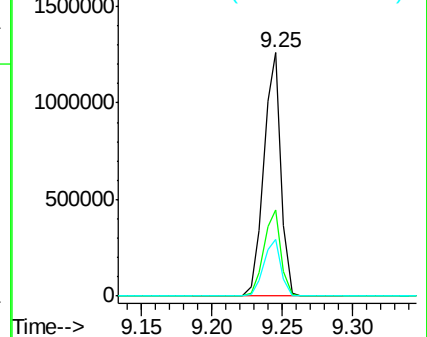


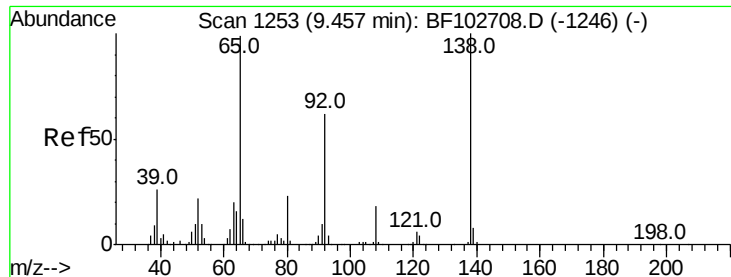
#44
 2-Fluorobiphenyl
 Concen: 81.915 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF102786.D
 Acq: 6 Feb 2018 16:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.5	19.6	29.4



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





#47

2-Nitroaniline

Concen: 3.837 ng

RT: 9.48 min Scan# 1257

Delta R.T. 0.02 min

Lab File: BF102786.D

Acq: 6 Feb 2018 16:12

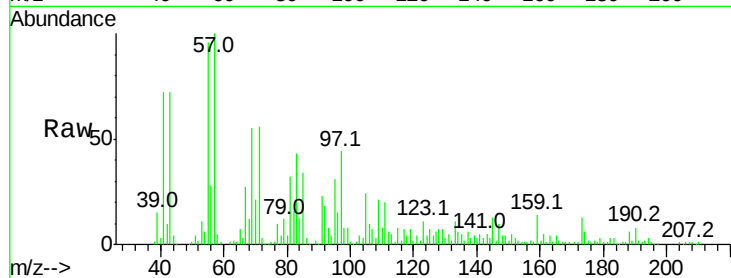
Tot Ion: 65 Resp: 1763

Ion Ratio Lower Upper

65 100

92 249.5 55.8 83.6#

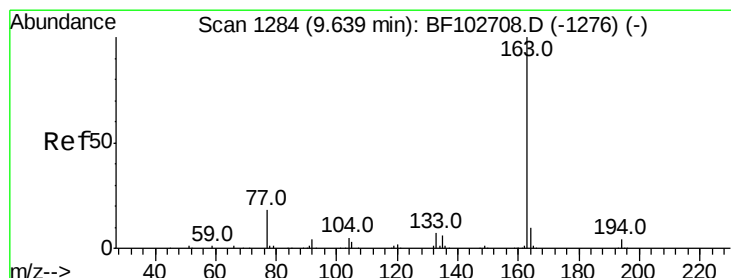
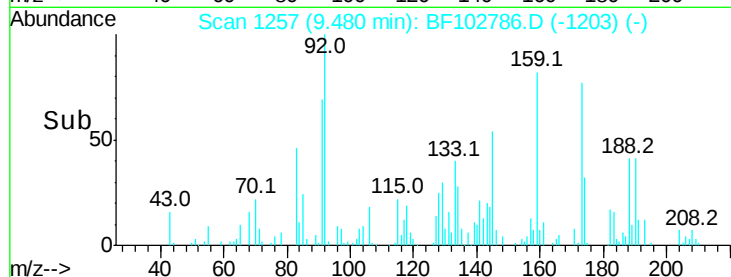
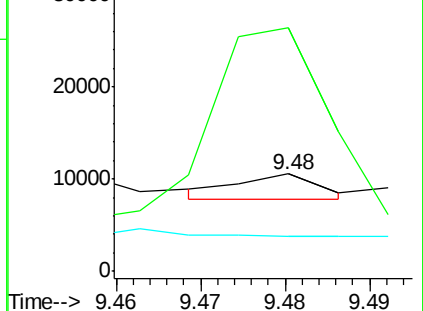
138 36.5 91.2 136.8#



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



#49

Dimethylphthalate

Concen: 5.811 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF102786.D

Acq: 6 Feb 2018 16:12

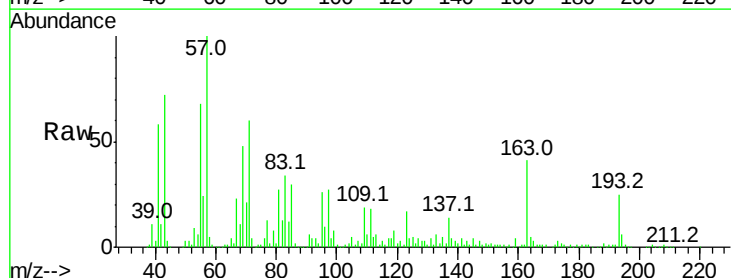
Tgt Ion: 163 Resp: 99369

Ion Ratio Lower Upper

163 100

194 15.2 2.7 4.1#

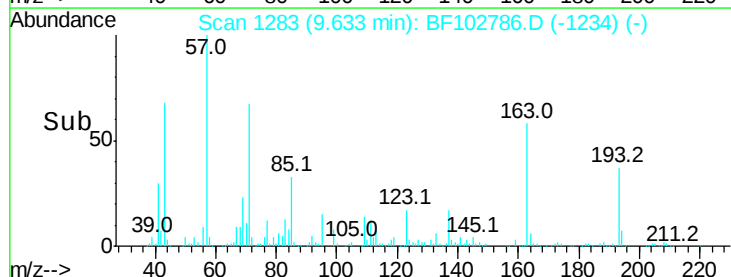
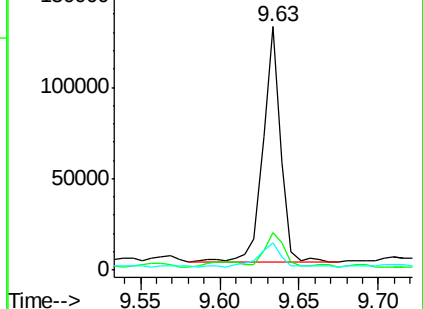
164 11.4 8.2 12.2

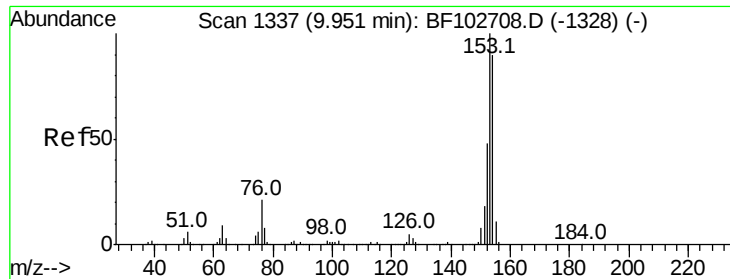


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 4.527 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BF102786.D

Acq: 6 Feb 2018 16:12

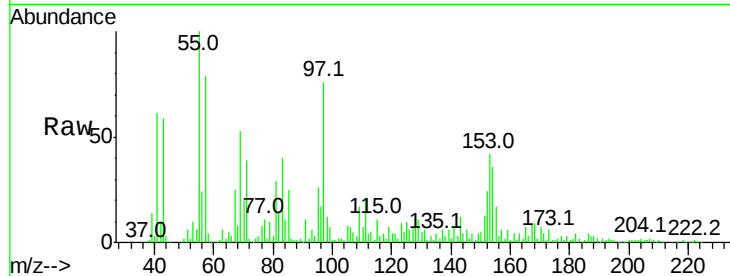
Tot Ion:154 Resp: 61148

Ion Ratio Lower Upper

154 100

153 116.1 91.2 136.8

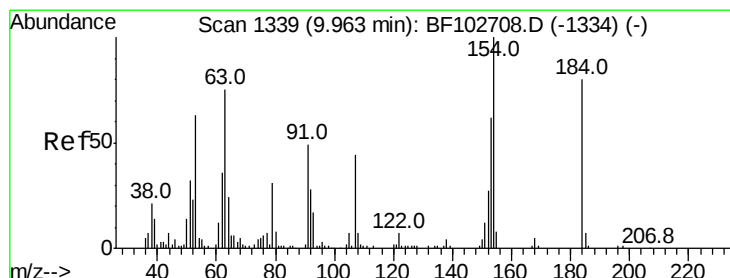
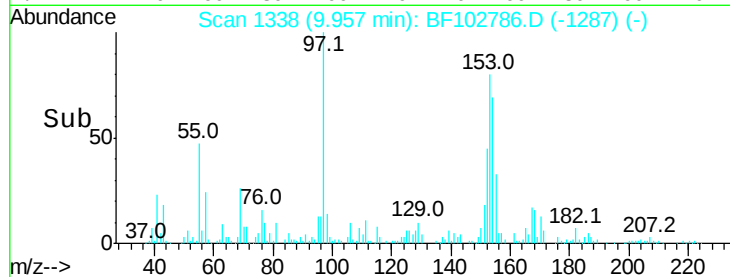
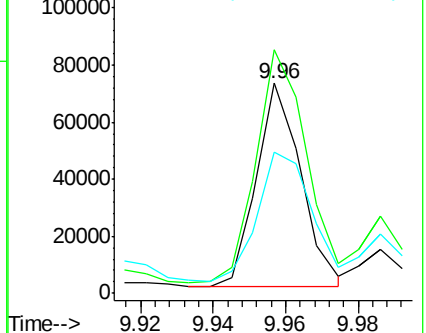
152 67.1 43.8 65.8#



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



#53

2,4-Dinitrophenol

Concen: 9.247 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.02 min

Lab File: BF102786.D

Acq: 6 Feb 2018 16:12

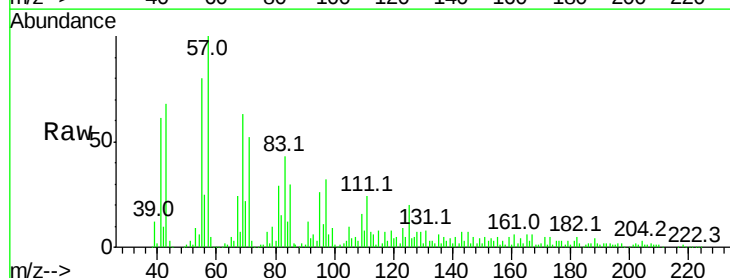
Tgt Ion:184 Resp: 756

Ion Ratio Lower Upper

184 100

63 481.6 54.2 81.2#

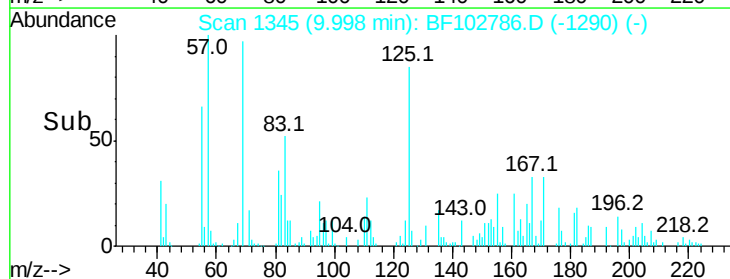
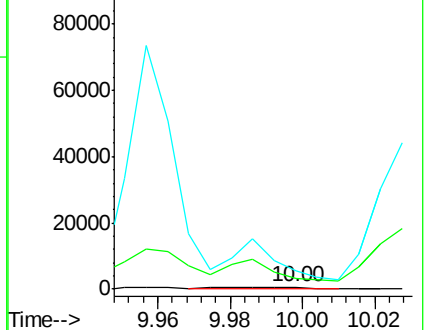
154 851.9 184.0 276.0#

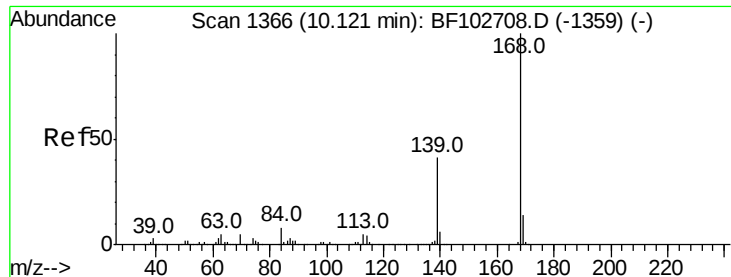


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 3.323 ng

RT: 10.13 min Scan# 1368

Delta R.T. 0.01 min

Lab File: BF102786.D

Acq: 6 Feb 2018 16:12

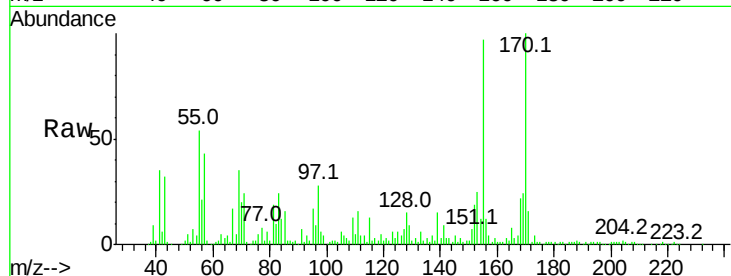
Tot Ion:168 Resp: 63265

Ion Ratio Lower Upper

168 100

139 64.5 30.1 45.1#

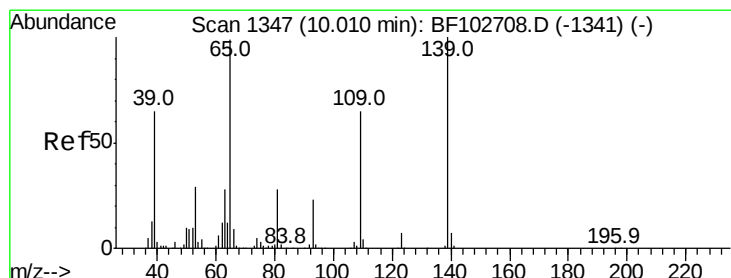
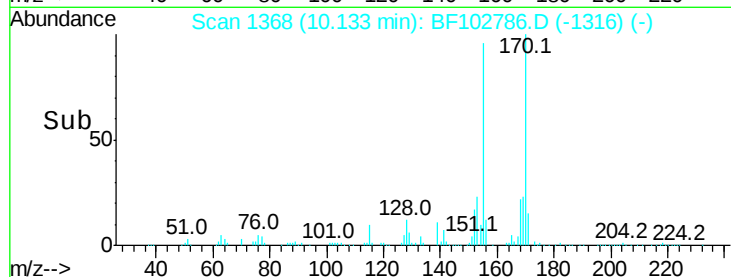
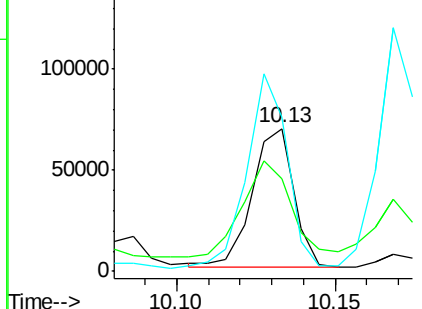
169 108.1 10.9 16.3#



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



#55

4-Nitrophenol

Concen: 16.476 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.01 min

Lab File: BF102786.D

Acq: 6 Feb 2018 16:12

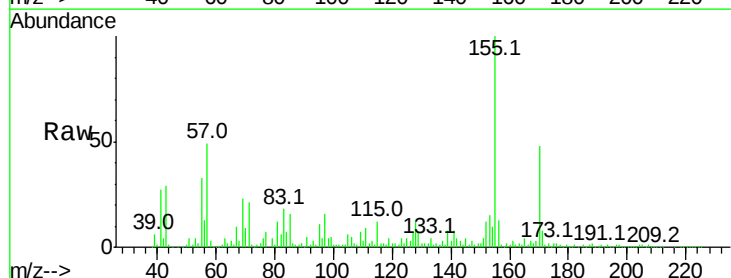
Tgt Ion:139 Resp: 43134

Ion Ratio Lower Upper

139 100

109 89.3 48.4 88.4#

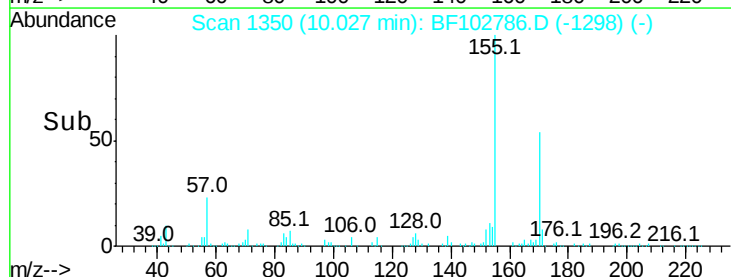
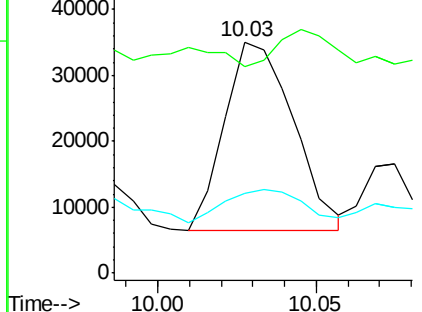
65 34.7 72.6 112.6#

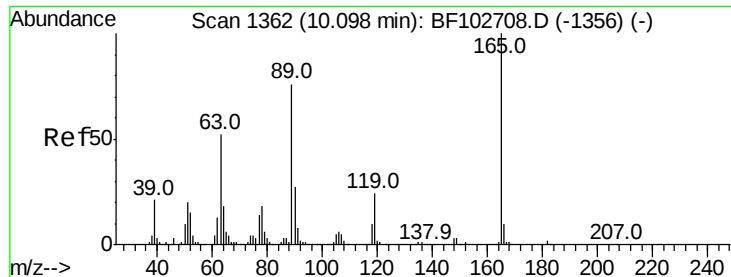


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#56

2,4-Dinitrotoluene

Concen: 7.415 ng

RT: 10.13 min Scan# 1367

Delta R.T. 0.02 min

Lab File: BF102786.D

Acq: 6 Feb 2018 16:12

Tot Ion:165 Resp: 20229

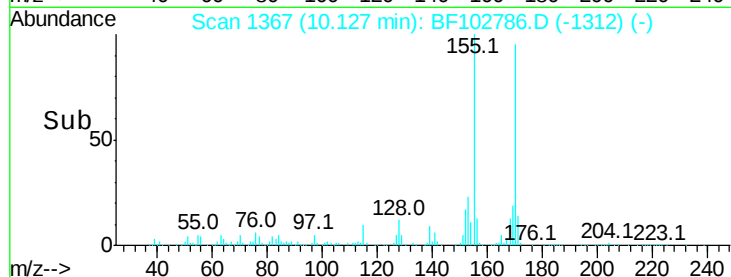
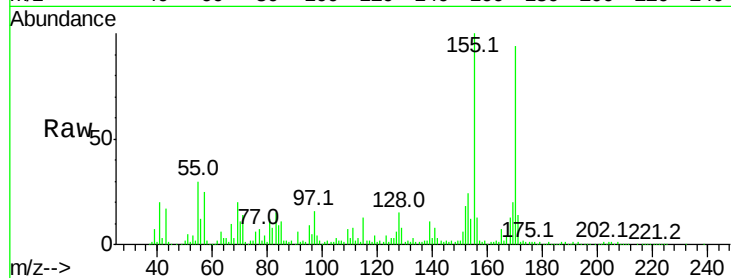
Ion Ratio Lower Upper

165 100

63 88.2 36.4 54.6#

89 31.6 57.8 86.6#

182 9.1 1.6 2.4#

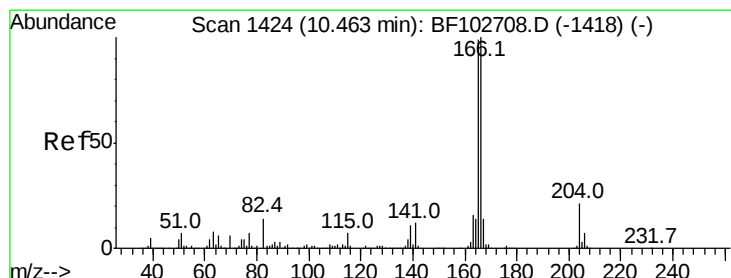
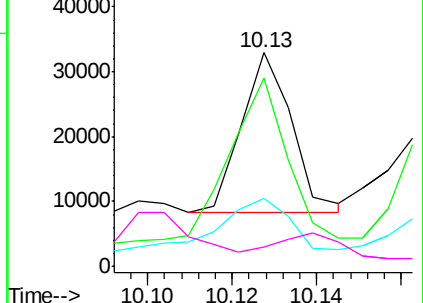


Abundance Ion 165.00 (164.70 to 165.70): E

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: 7.151 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BF102786.D

Acq: 6 Feb 2018 16:12

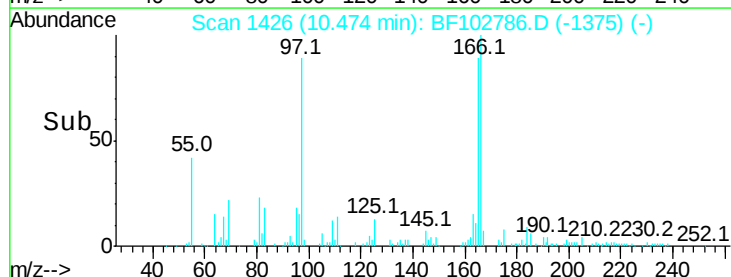
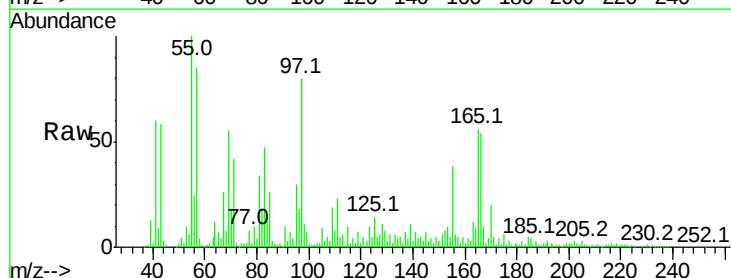
Tgt Ion:166 Resp: 99037

Ion Ratio Lower Upper

166 100

165 103.5 79.8 119.8

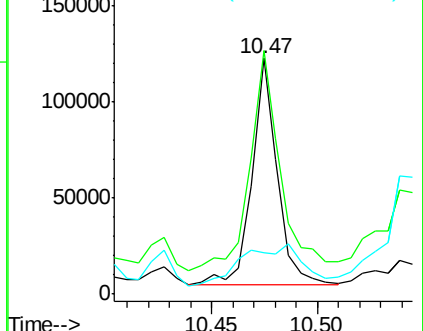
167 17.7 10.6 16.0#

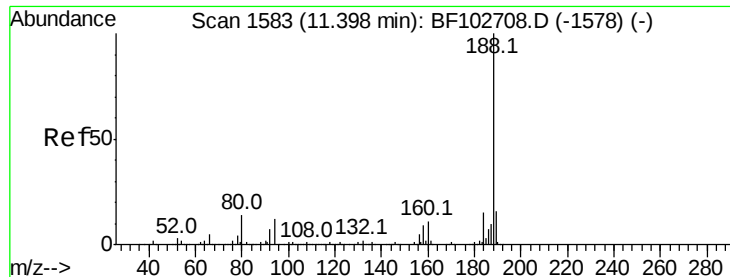


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF102786.D

Acq: 6 Feb 2018 16:12

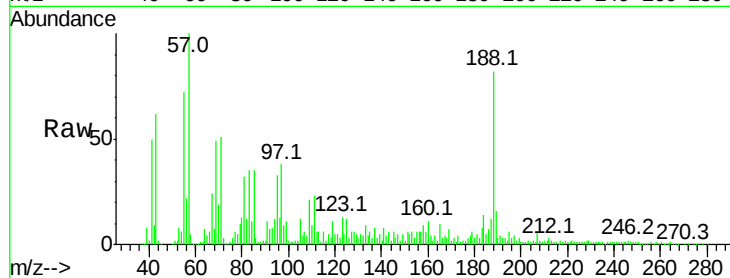
Tot Ion:188 Resp: 275444

Ion Ratio Lower Upper

188 100

94 14.4 8.5 12.7#

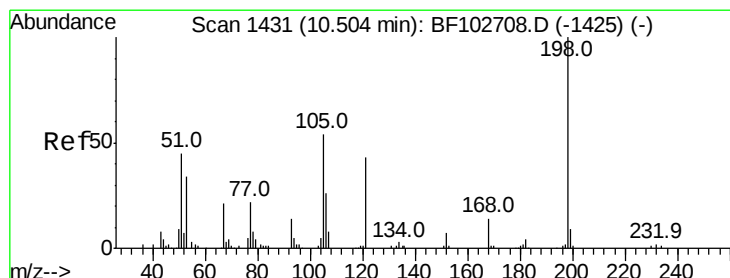
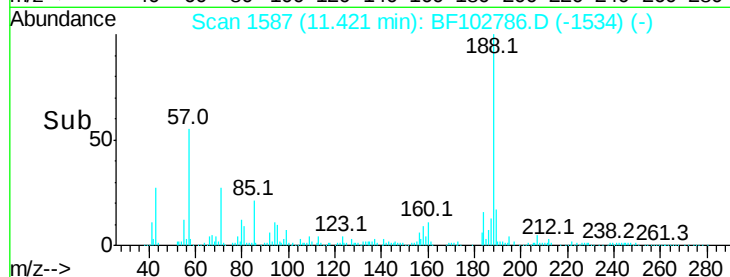
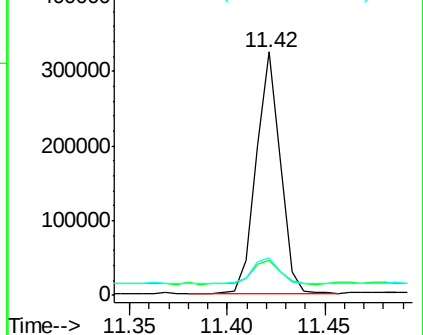
80 15.5 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 9.889 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.02 min

Lab File: BF102786.D

Acq: 6 Feb 2018 16:12

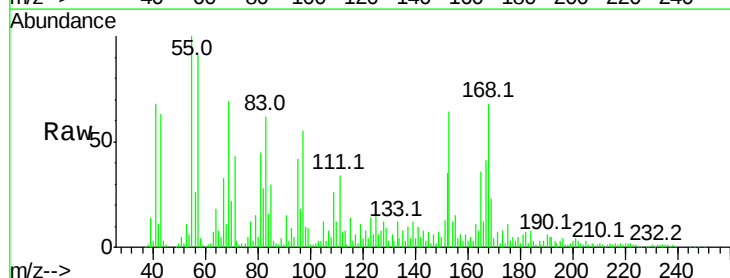
Tgt Ion:198 Resp: 1361

Ion Ratio Lower Upper

198 100

51 441.6 37.7 77.7#

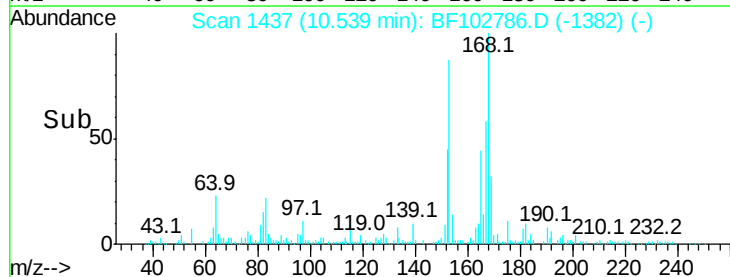
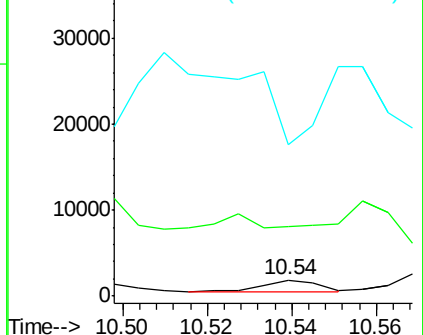
105 959.4 36.3 76.3#

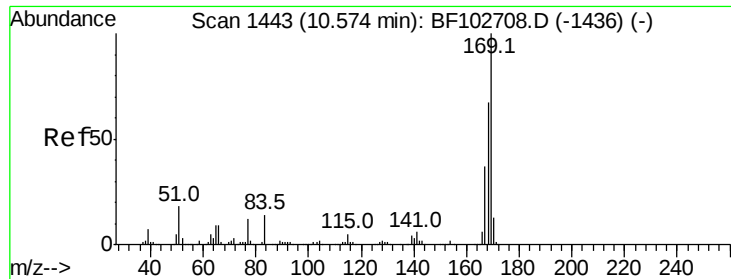


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

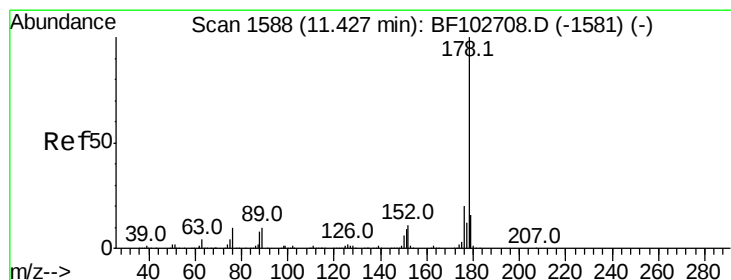
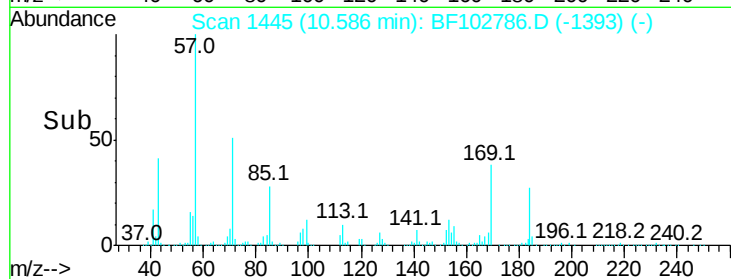
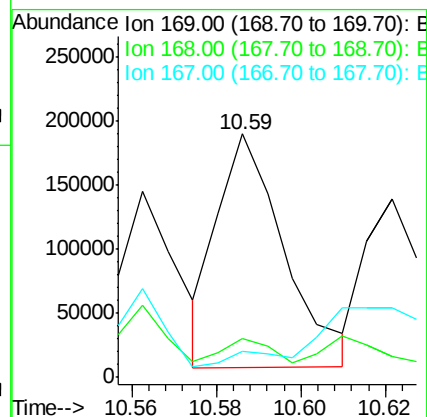
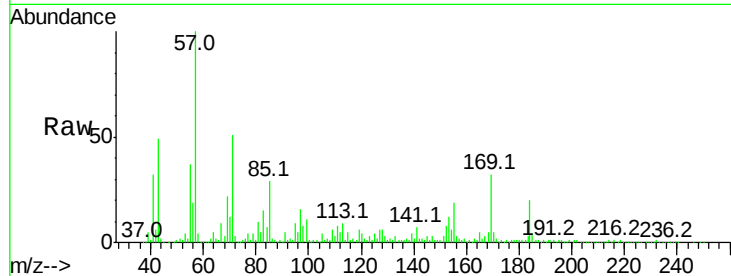




#65

n-Nitrosodiphenylamine
Concen: 20.642 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BF102786.D
Acq: 6 Feb 2018 16:12

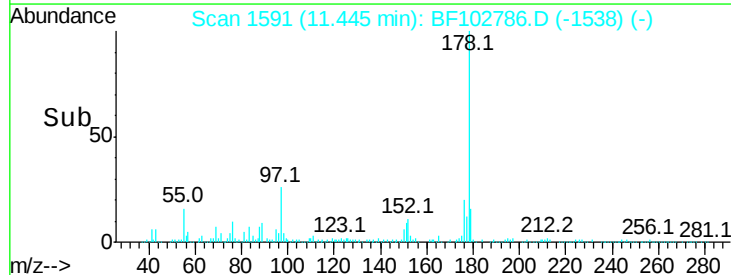
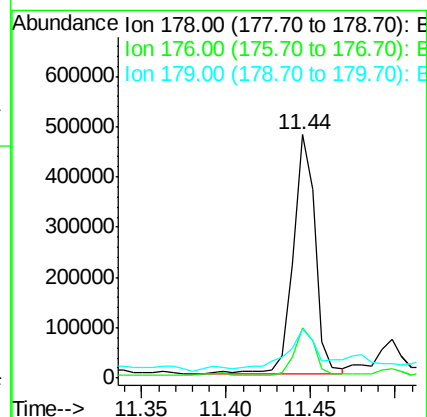
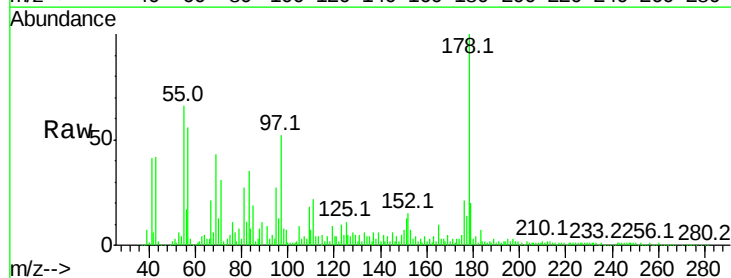
Tot Ion	Ratio	Lower	Upper
169	100		
168	16.1	54.4	81.6#
167	10.7	29.8	44.6#

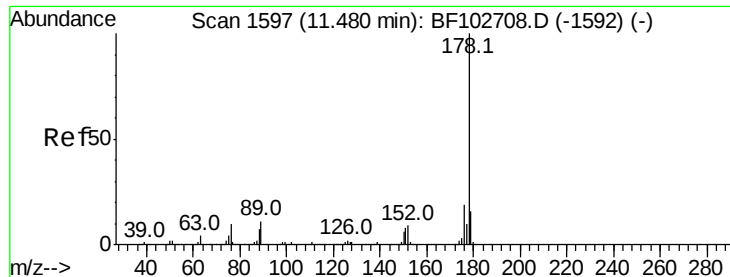


#70

Phenanthrene
Concen: 28.024 ng
RT: 11.44 min Scan# 1591
Delta R.T. 0.01 min
Lab File: BF102786.D
Acq: 6 Feb 2018 16:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.8	23.8
179	20.1	13.0	19.6#





#71

Anthracene

Concen: 4.450 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.01 min

Lab File: BF102786.D

Acq: 6 Feb 2018 16:12

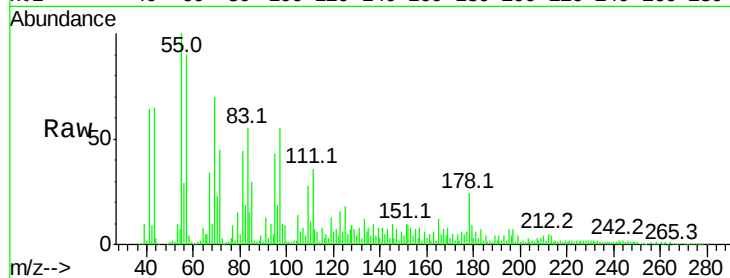
Tot Ion:178 Resp: 69427

Ion Ratio Lower Upper

178 100

176 23.3 15.4 23.2#

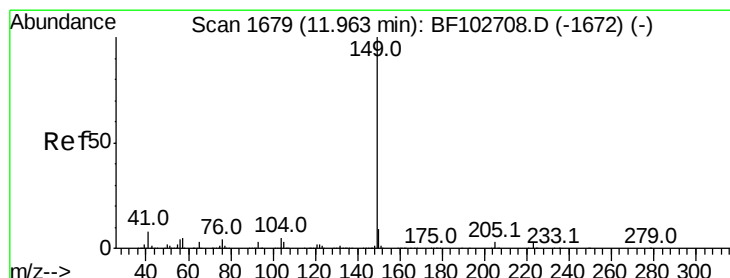
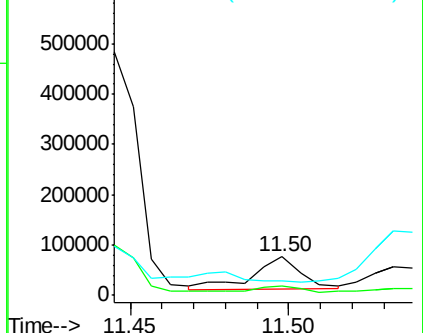
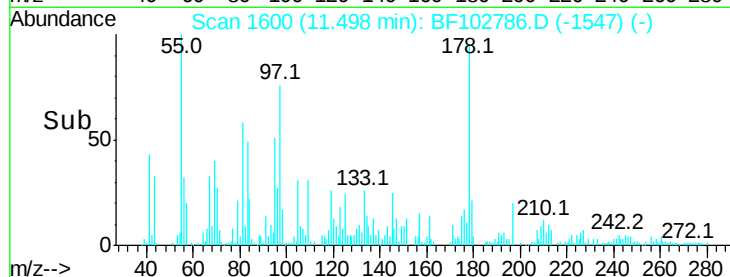
179 38.3 12.6 19.0#



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



#73

Di-n-butylphthalate

Concen: 79.697 ng

RT: 11.99 min Scan# 1684

Delta R.T. 0.02 min

Lab File: BF102786.D

Acq: 6 Feb 2018 16:12

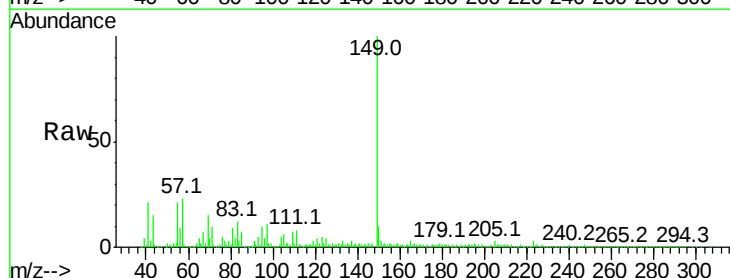
Tgt Ion:149 Resp: 1479828

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.6

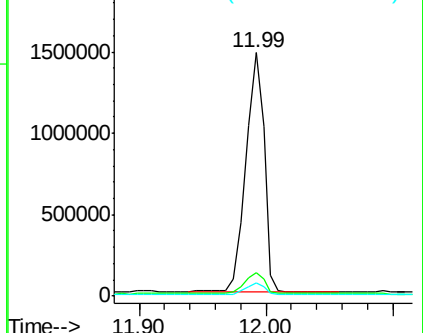
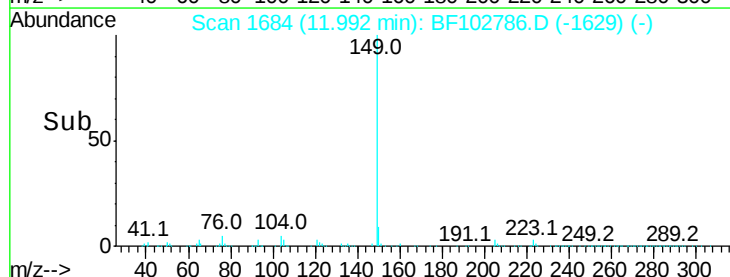
104 5.4 3.8 5.8

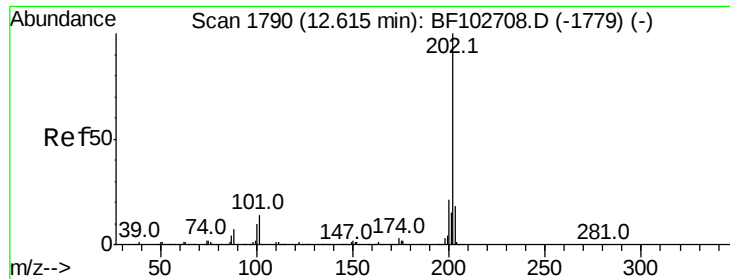


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

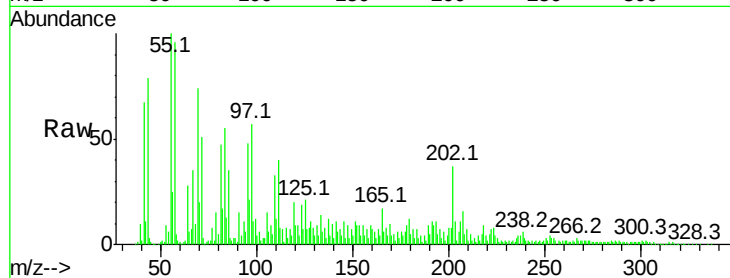
Ion 104.00 (103.70 to 104.70): E



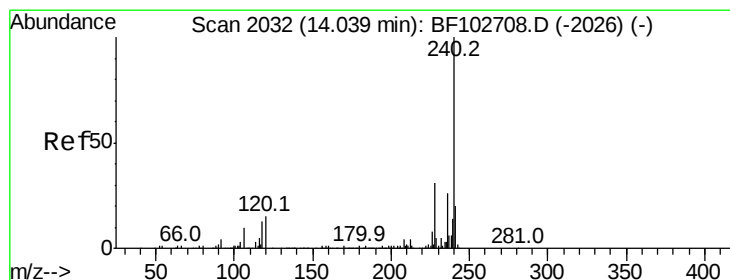
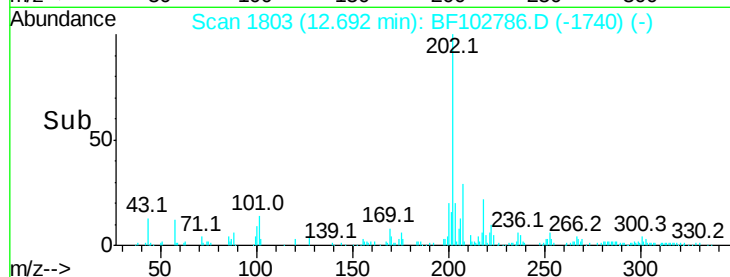
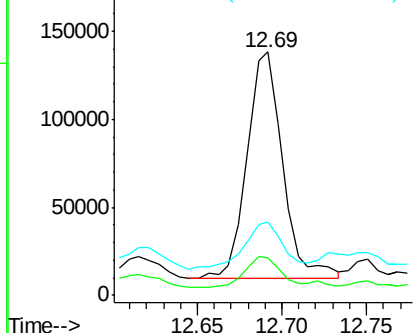


#74
 Fluoranthene
 Concen: 12.164 ng
 RT: 12.69 min Scan# 1803
 Delta R.T. 0.07 min
 Lab File: BF102786.D
 Acq: 6 Feb 2018 16:12

Tot Ion:	202	Resp:	187735
Ion	Ratio	Lower	Upper
202	100		
101	15.6	0.0	34.1
203	30.0	0.0	38.1

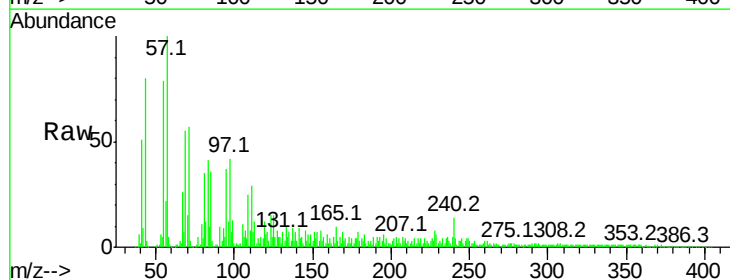


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

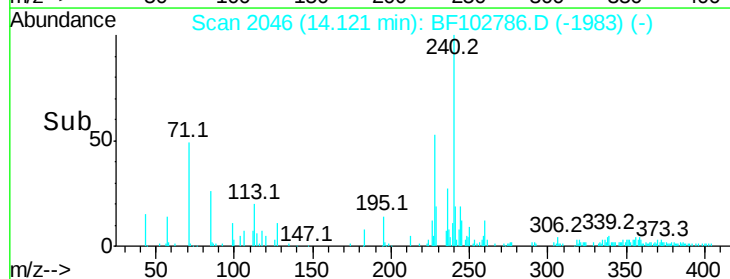
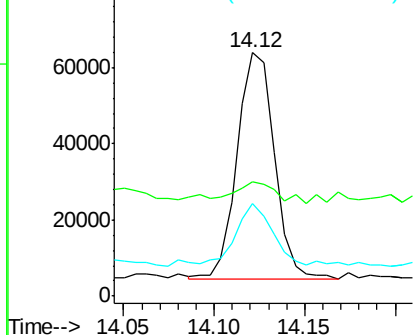


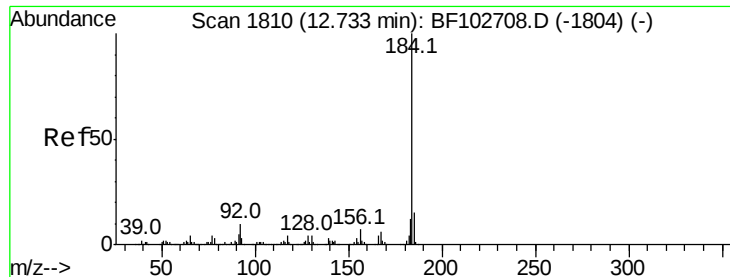
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.12 min Scan# 2046
 Delta R.T. 0.07 min
 Lab File: BF102786.D
 Acq: 6 Feb 2018 16:12

Tgt Ion:	240	Resp:	85090
Ion	Ratio	Lower	Upper
240	100		
120	46.9	9.5	14.3#
236	38.2	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: 2.385 ng

RT: 12.83 min Scan# 1827

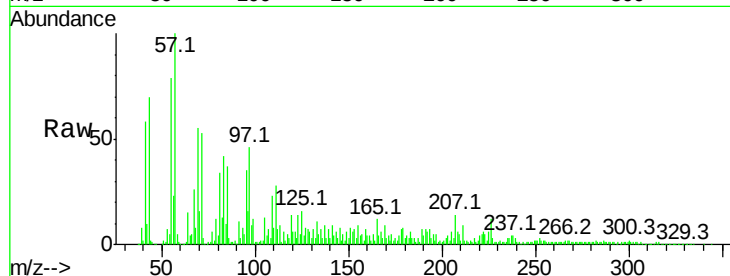
Delta R.T. 0.09 min

Lab File: BF102786.D

Acq: 6 Feb 2018 16:12

Tot Ion:184 Resp: 9328

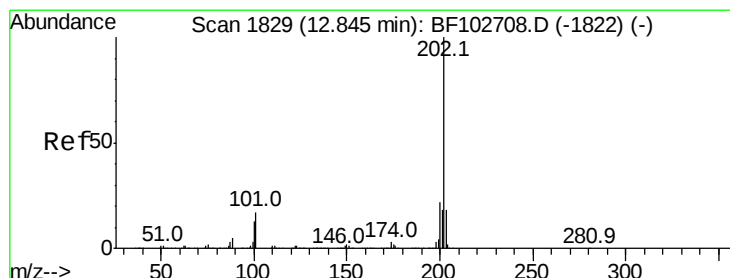
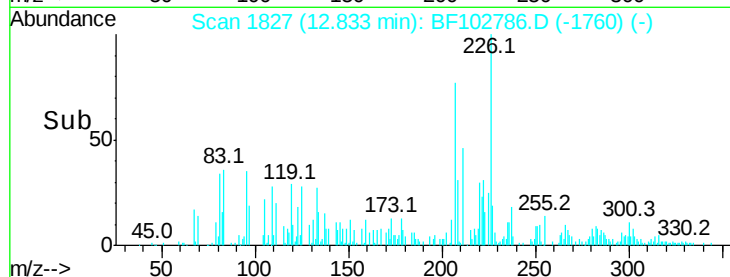
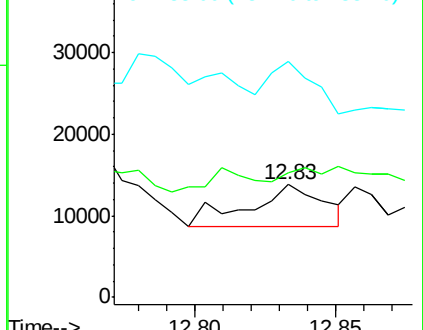
Ion	Ratio	Lower	Upper
184	100		
185	110.6	12.6	18.8#
183	210.1	9.3	13.9#



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: 26.792 ng

RT: 12.92 min Scan# 1841

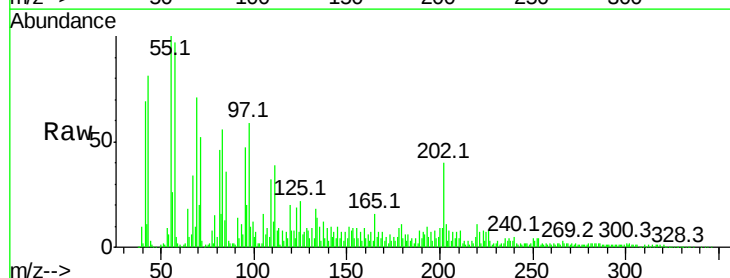
Delta R.T. 0.06 min

Lab File: BF102786.D

Acq: 6 Feb 2018 16:12

Tgt Ion:202 Resp: 178769

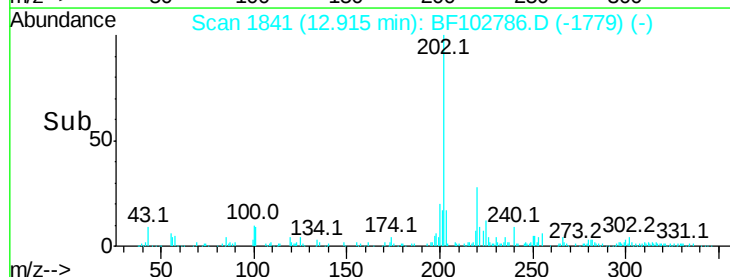
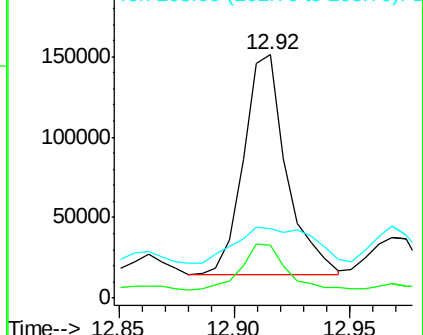
Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	28.6	14.3	21.5#

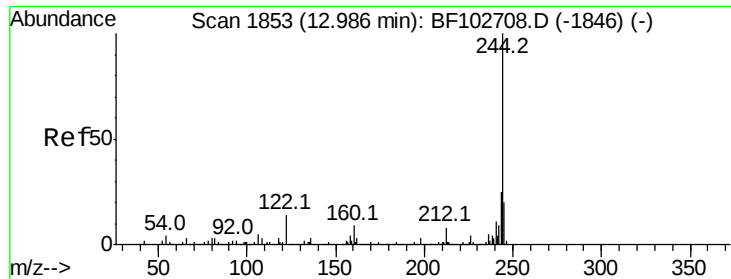


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

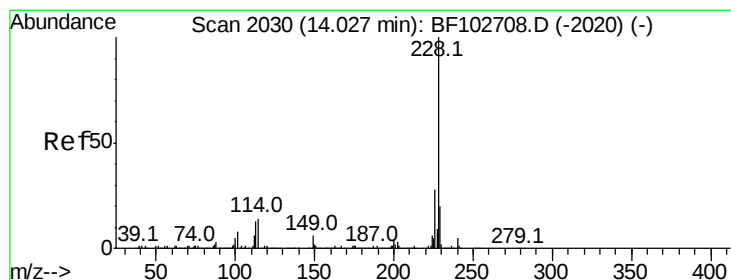
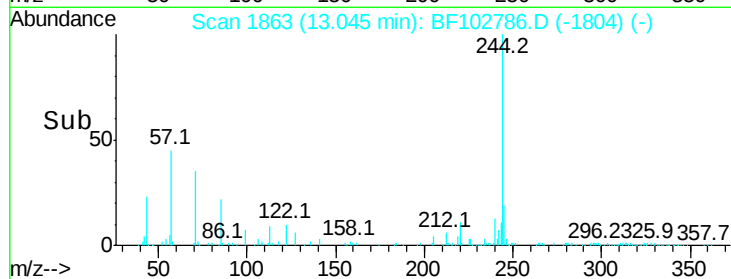
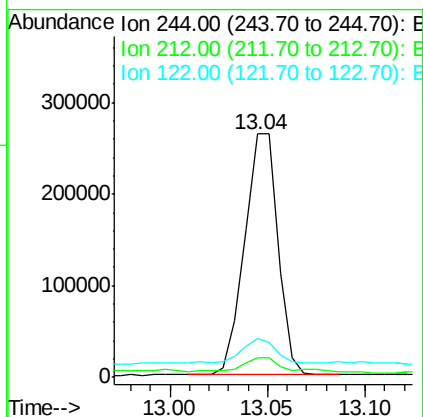
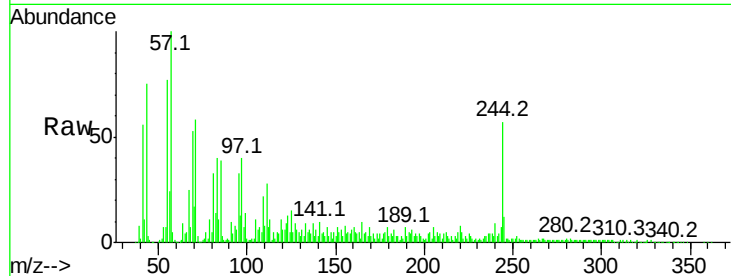
Ion 203.00 (202.70 to 203.70): E





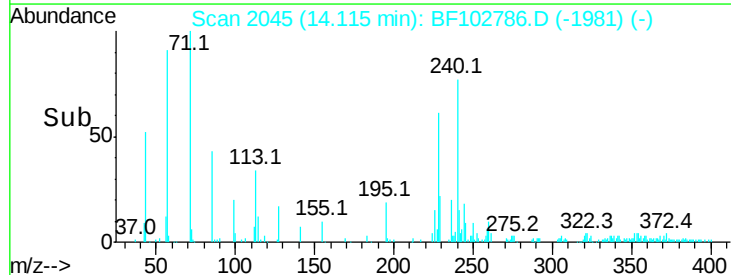
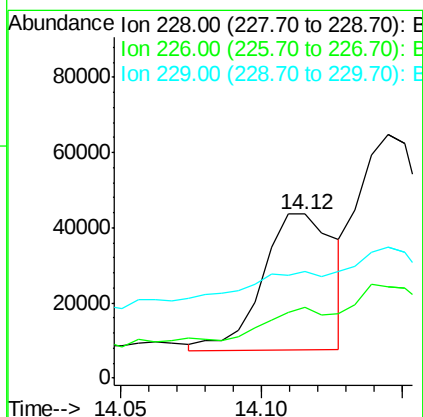
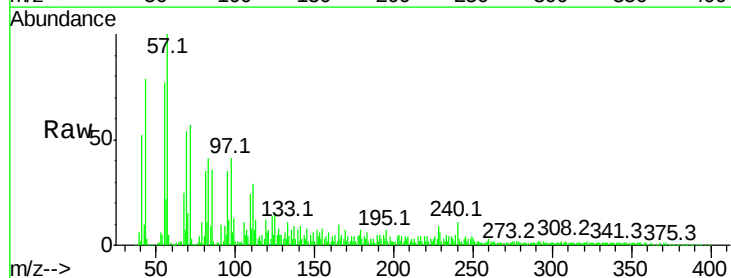
#78
 Terphenyl-d14
 Concen: 86.830 ng
 RT: 13.04 min Scan# 1863
 Delta R.T. 0.05 min
 Lab File: BF102786.D
 Acq: 6 Feb 2018 16:12

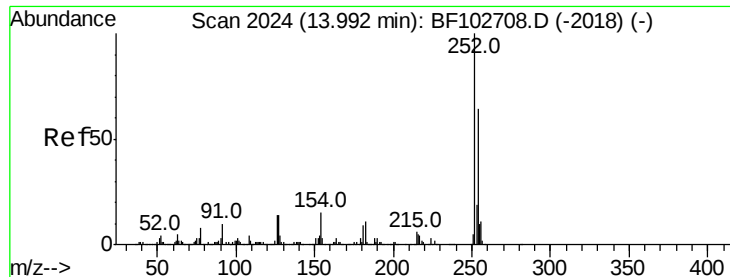
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.4	8.0
122	15.9	11.0	16.4



#80
 Benzo(a)anthracene
 Concen: 12.093 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. 0.08 min
 Lab File: BF102786.D
 Acq: 6 Feb 2018 16:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	43.0	22.6	33.8#
229	65.2	15.8	23.6#





#81

3,3'-Dichlorobenzidine

Concen: 2.637 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.05 min

Lab File: BF102786.D

Acq: 6 Feb 2018 16:12

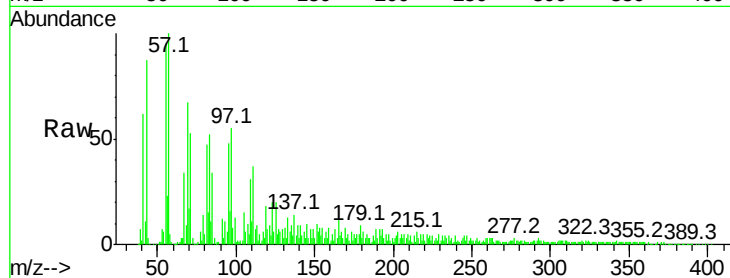
Tot Ion:252 Resp: 5232

Ion Ratio Lower Upper

252 100

254 54.8 50.4 75.6

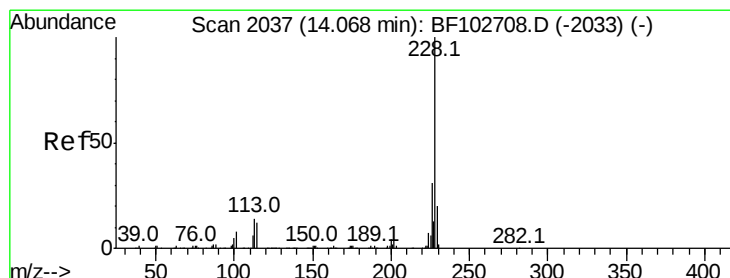
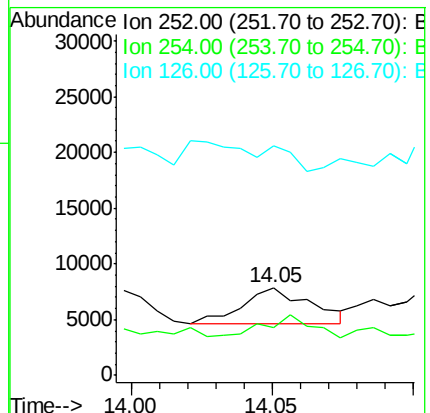
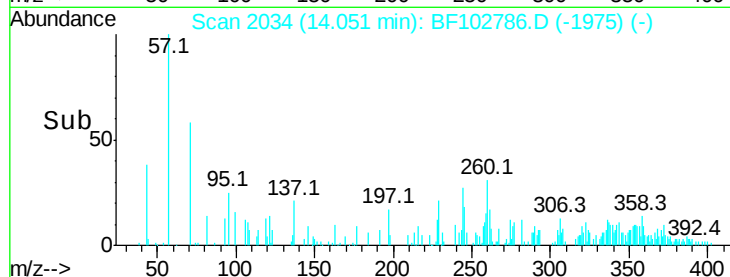
126 262.6 11.3 16.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 18.349 ng

RT: 14.14 min Scan# 2050

Delta R.T. 0.06 min

Lab File: BF102786.D

Acq: 6 Feb 2018 16:12

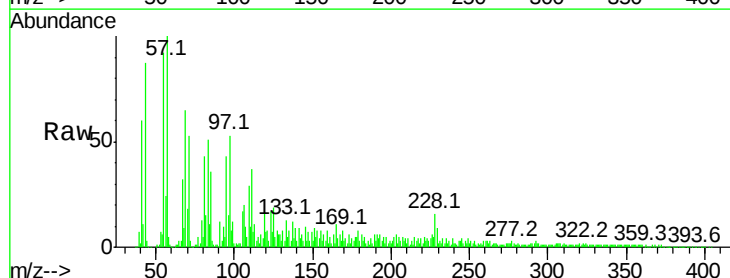
Tgt Ion:228 Resp: 98982

Ion Ratio Lower Upper

228 100

226 37.6 25.0 37.6

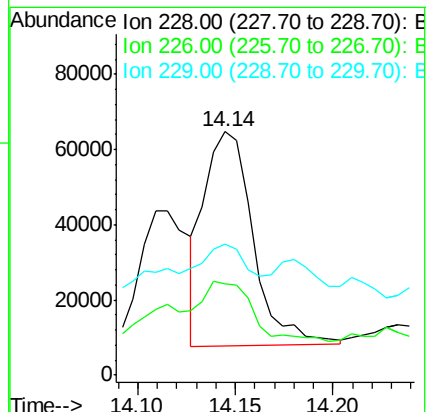
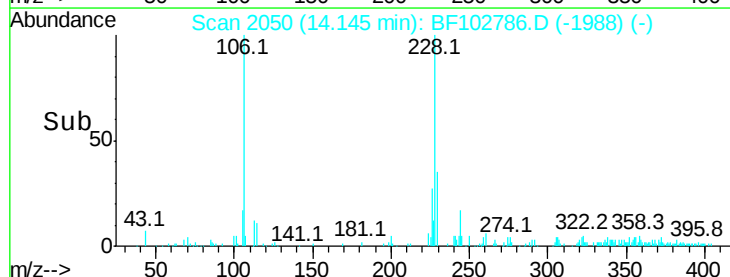
229 53.7 16.2 24.4#

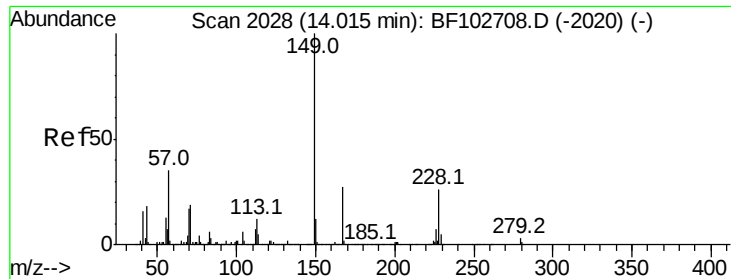


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

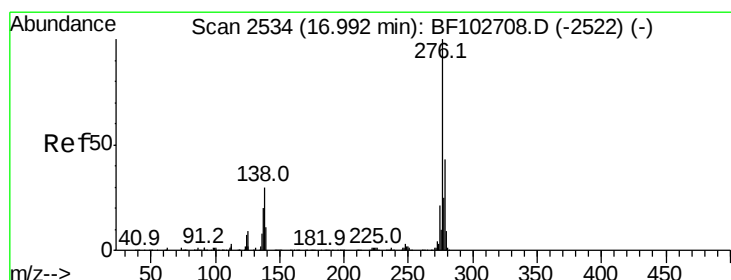
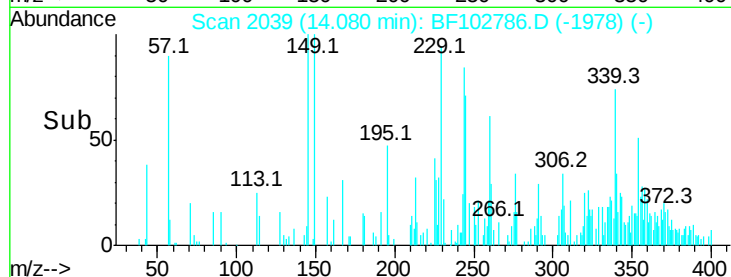
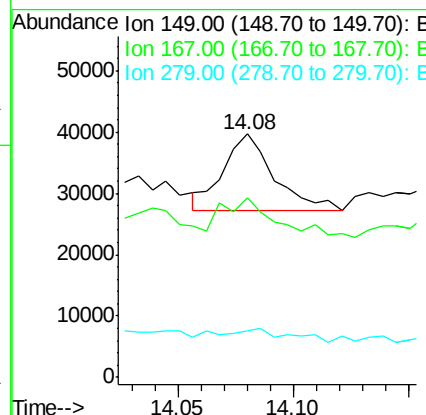
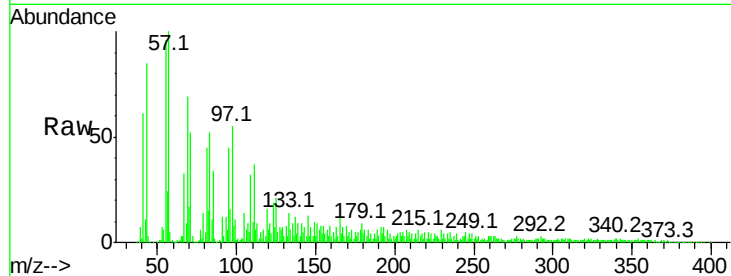
Ion 229.00 (228.70 to 229.70): E





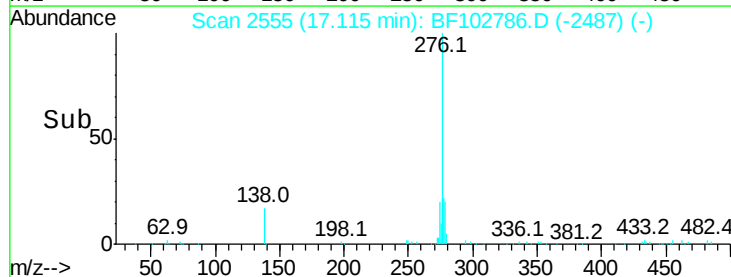
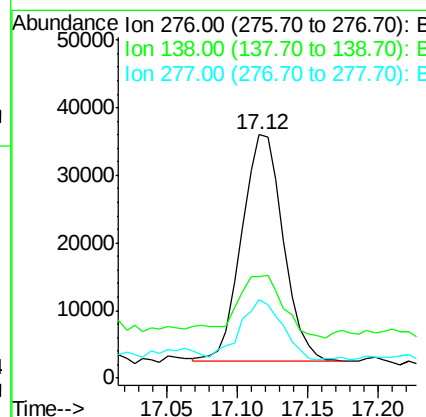
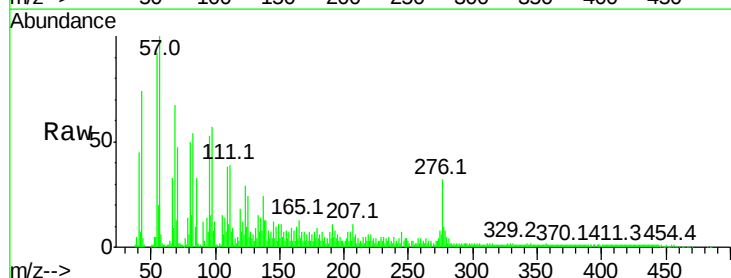
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.557 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.06 min
 Lab File: BF102786.D
 Acq: 6 Feb 2018 16:12

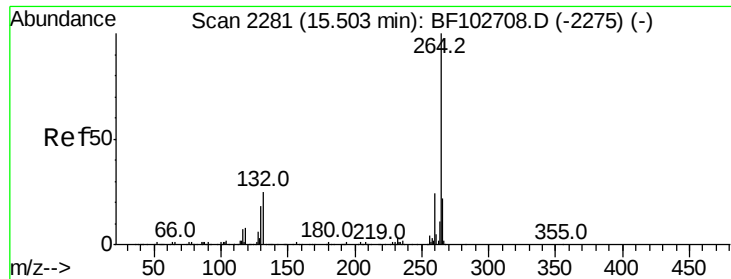
Tot Ion	Ratio	Lower	Upper
149	100		
167	74.0	21.3	31.9#
279	19.1	3.0	4.4#



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 15.559 ng
 RT: 17.12 min Scan# 2555
 Delta R.T. 0.10 min
 Lab File: BF102786.D
 Acq: 6 Feb 2018 16:12

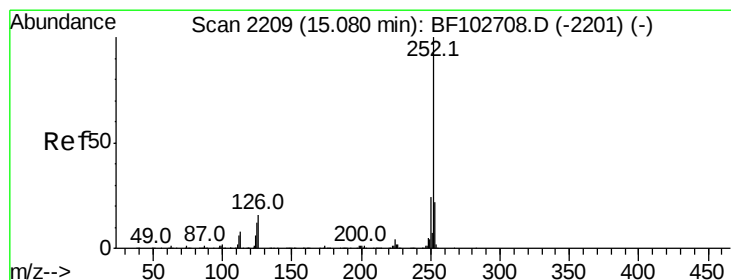
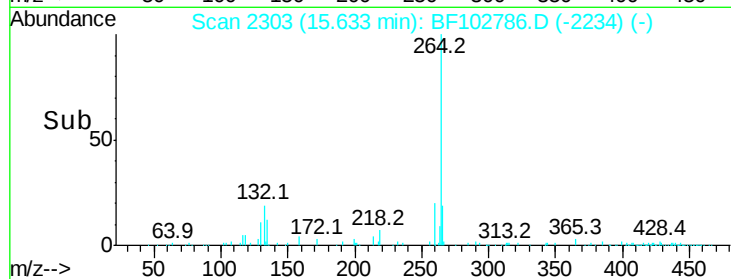
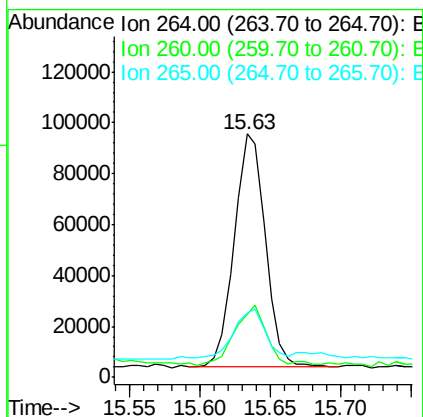
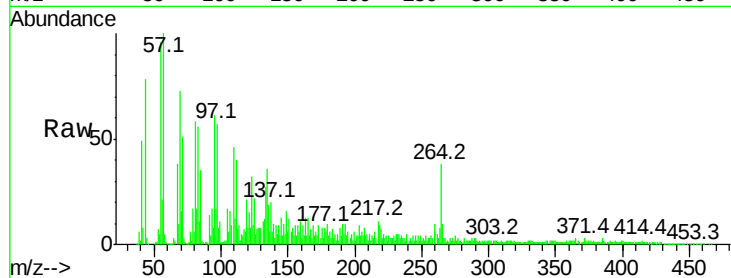
Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.6	25.0	37.6
277	26.0	20.1	30.1





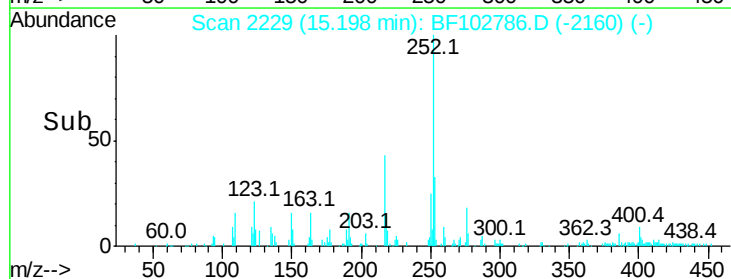
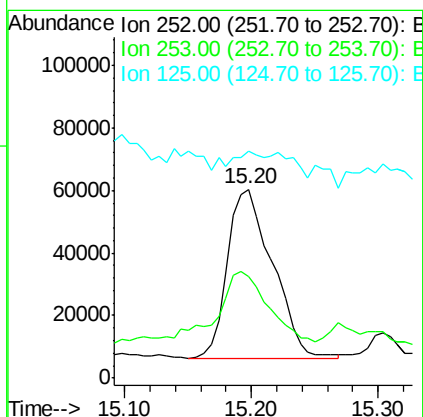
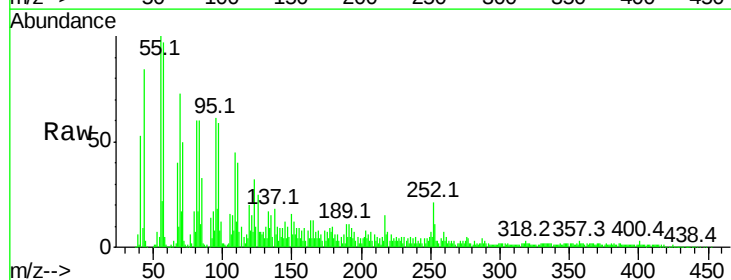
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2303
Delta R.T. 0.11 min
Lab File: BF102786.D
Acq: 6 Feb 2018 16:12

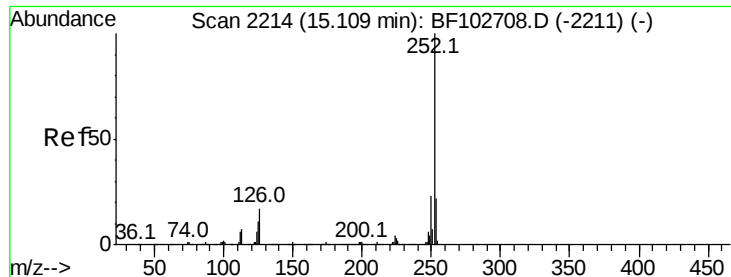
Tot Ion	Ratio	Lower	Upper
264	100		
260	25.8	19.2	28.8
265	26.5	17.5	26.3



#87
Benzo(b)fluoranthene
Concen: 14.644 ng
RT: 15.20 min Scan# 2229
Delta R.T. 0.11 min
Lab File: BF102786.D
Acq: 6 Feb 2018 16:12

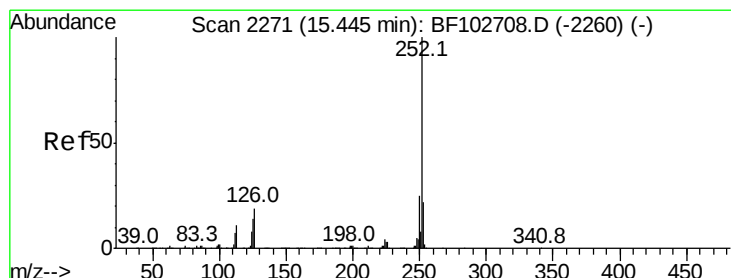
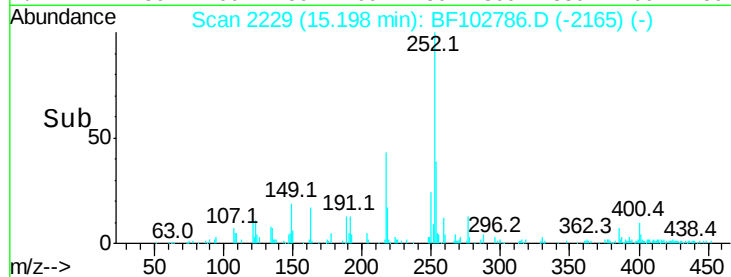
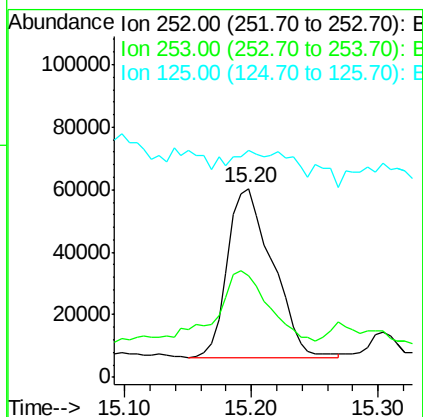
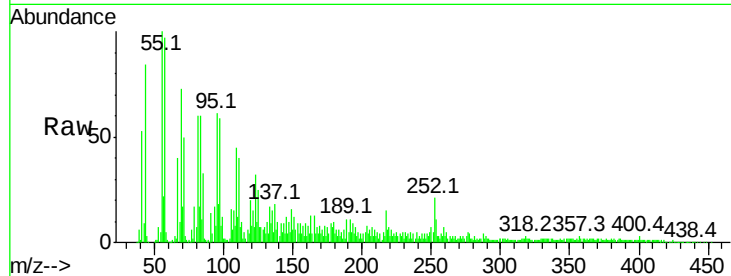
Tgt Ion	Ratio	Lower	Upper
252	100		
253	53.5	17.0	25.6
125	119.9	9.0	13.6





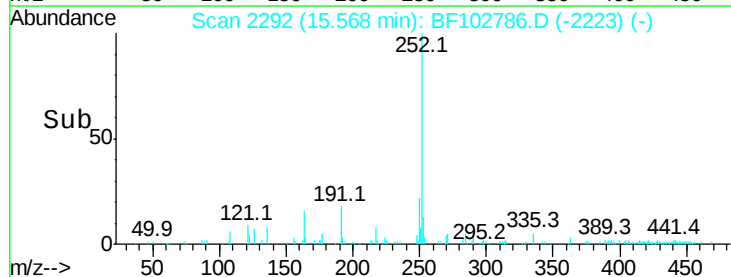
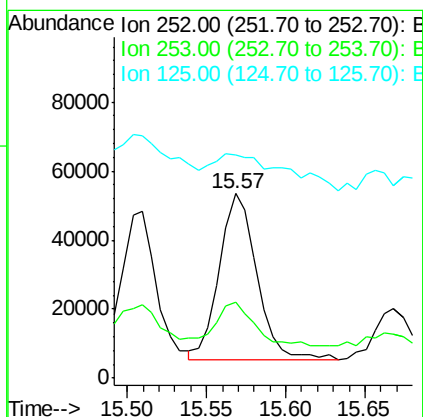
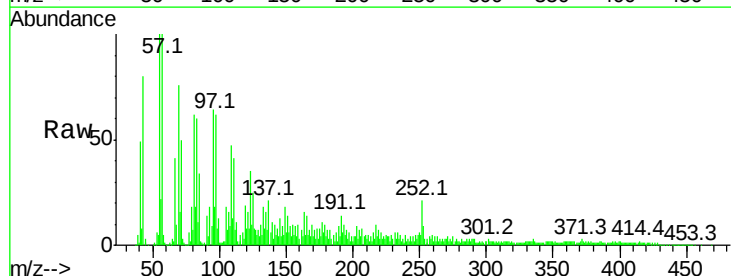
#88
Benzo(k)fluoranthene
Concen: 15.326 ng
RT: 15.20 min Scan# 2229
Delta R.T. 0.08 min
Lab File: BF102786.D
Acq: 6 Feb 2018 16:12

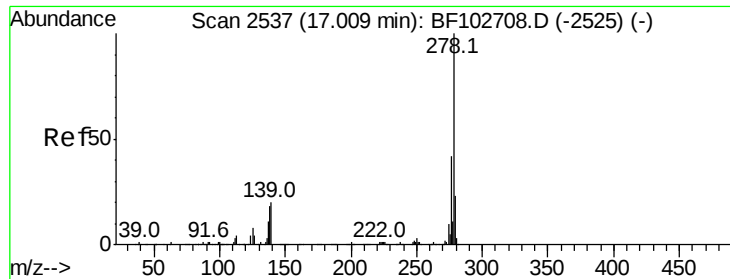
Tot Ion	Ratio	Lower	Upper
252	100		
253	53.5	17.9	26.9#
125	119.9	10.2	15.2#



#89
Benzo(a)pyrene
Concen: 9.765 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.11 min
Lab File: BF102786.D
Acq: 6 Feb 2018 16:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	41.5	17.1	25.7#
125	121.2	9.8	14.6#





#90

Dibenzo(a,h)anthracene

Concen: 3.079 ng

RT: 17.12 min Scan# 2556

Delta R.T. 0.08 min

Lab File: BF102786.D

Acq: 6 Feb 2018 16:12

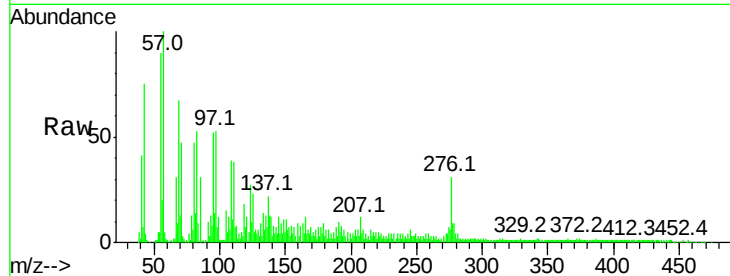
Tot Ion:278 Resp: 20526

Ion Ratio Lower Upper

278 100

139 133.5 15.9 23.9#

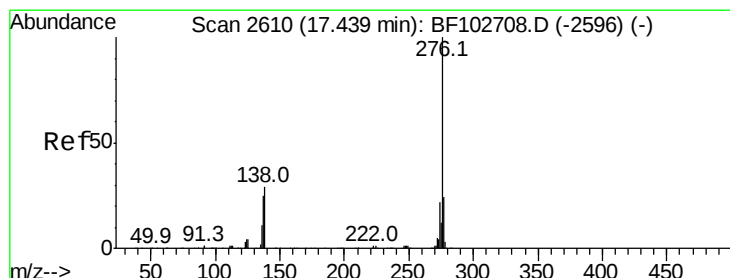
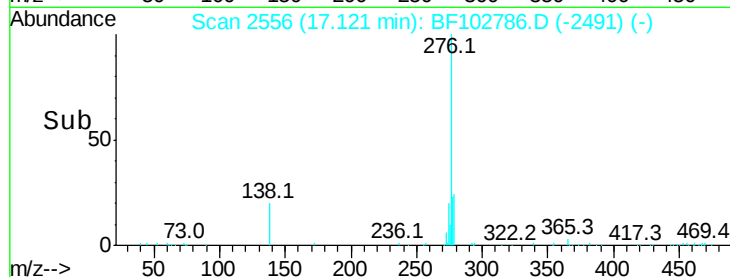
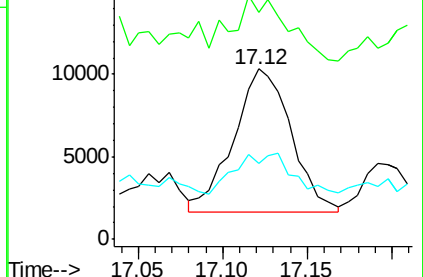
279 44.3 19.0 28.4#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 11.405 ng

RT: 17.57 min Scan# 2632

Delta R.T. 0.09 min

Lab File: BF102786.D

Acq: 6 Feb 2018 16:12

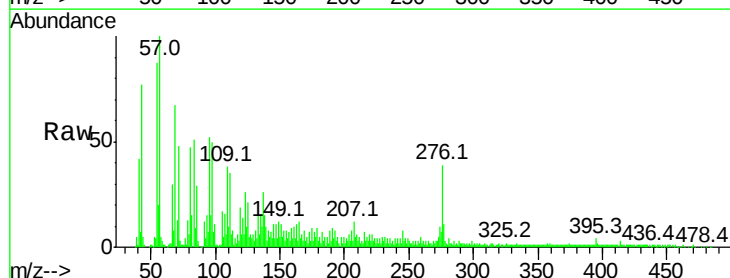
Tgt Ion:276 Resp: 74406

Ion Ratio Lower Upper

276 100

277 29.3 17.9 26.9#

138 38.4 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

