

Data Path : U:\HPCHEM1\BNA F\DATA\BF020618\
 Data File : BF102784.D
 Acq On : 6 Feb 2018 15:18
 Operator : SJ/JU
 Sample : J1454-16DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 06 16:52:08 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	146280	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	648660	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	266309	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	368396	20.00	ng	0.00
75) Chrysene-d12	14.05	240	287342	20.00	ng	0.00
86) Perylene-d12	15.53	264	274133	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	315084	32.71	ng	0.00
7) Phenol-d6	6.50	99	368653	31.79	ng	0.00
23) Nitrobenzene-d5	7.44	82	235397	25.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	46715	21.79	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	343943	21.43	ng	0.00
78) Terphenyl-d14	12.99	244	203716	16.79	ng	-0.01

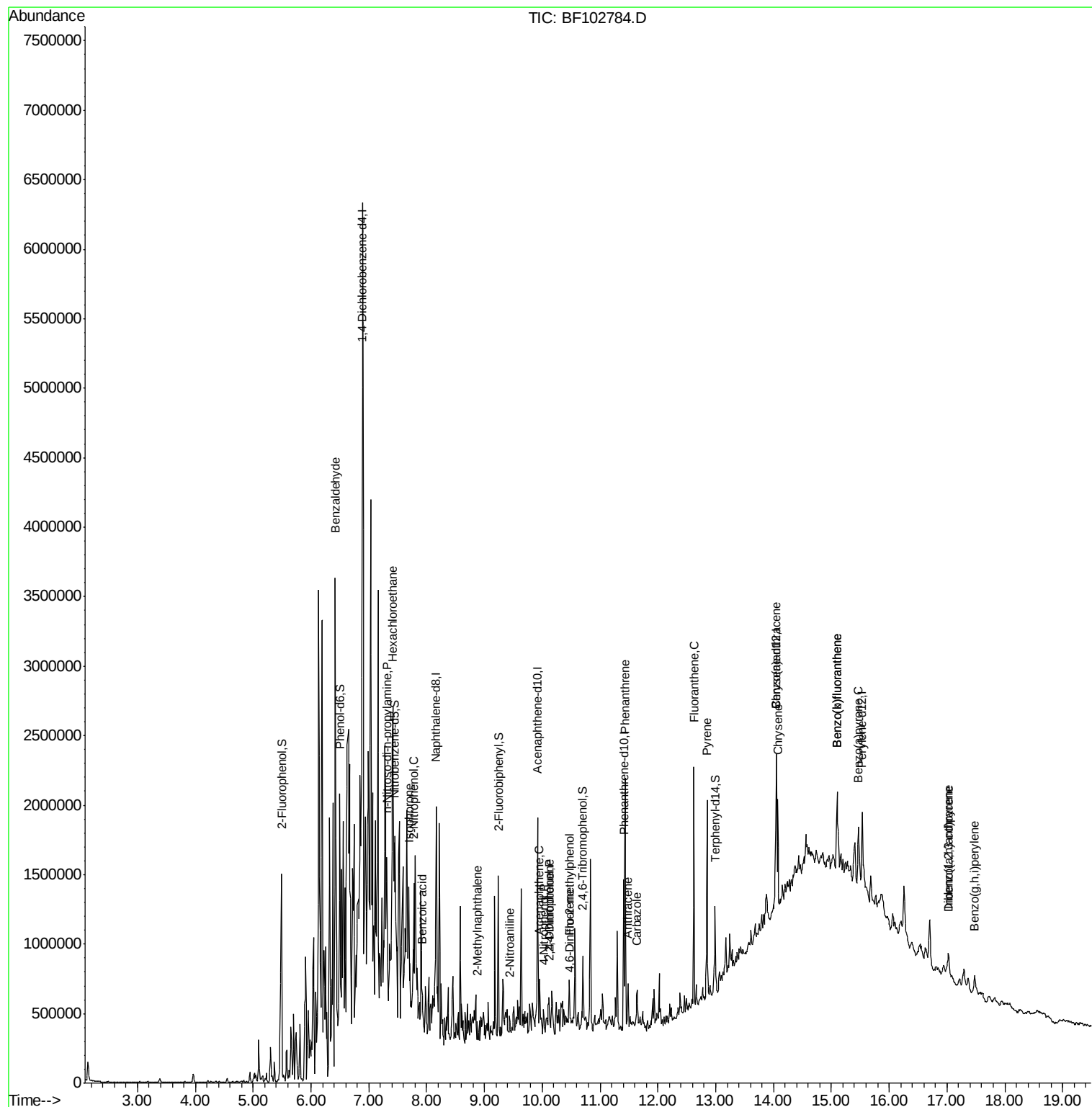
Target Compounds

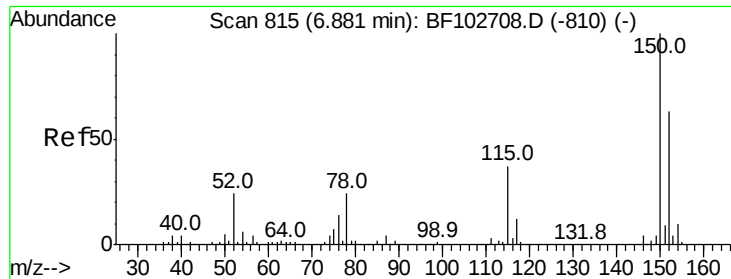
						Qvalue
9) Benzaldehyde	6.42	77	24251	2.816	ng	# 13
18) Hexachloroethane	7.42	117	37759	9.626	ng	# 1
19) n-Nitroso-di-n-propylamine	7.31	70	60374	7.895	ng	# 64
25) Isophorone	7.69	82	51139	2.375	ng	# 1
26) 2-Nitrophenol	7.78	139	9593	10.406	ng	# 1
32) Benzoic acid	7.93	122	1062	8.703	ng	# 1
37) 2-Methylnaphthalene	8.87	142	42022	2.025	ng	99
47) 2-Nitroaniline	9.45	65	579	3.571	ng	# 54
51) Acenaphthene	9.95	154	52316	3.190	ng	97
53) 2,4-Dinitrophenol	10.13	184	132	8.108	ng	# 1
55) 4-Nitrophenol	10.03	139	3430	4.839	ng	# 1
56) 2,4-Dinitrotoluene	10.12	165	1556	3.350	ng	# 30
57) Fluorene	10.47	166	72831	4.331	ng	# 99
64) 4,6-Dinitro-2-methylphenol	10.49	198	114	8.861	ng	# 1
70) Phenanthrene	11.43	178	616459	30.046	ng	99
71) Anthracene	11.48	178	125637	6.021	ng	98
72) Carbazole	11.63	167	72169	3.530	ng	95
74) Fluoranthene	12.62	202	685186	33.193	ng	98
77) Pyrene	12.85	202	577527	25.631	ng	99
80) Benzo(a)anthracene	14.04	228	270769	14.984	ng	99
82) Chrysene	14.07	228	283305	15.552	ng	96
85) Indeno(1,2,3-cd)pyrene	17.03	276	111099	7.353	ng	95
87) Benzo(b)fluoranthene	15.10	252	447291	25.167	ng	# 89
88) Benzo(k)fluoranthene	15.10	252	447291	26.339	ng	# 92
89) Benzo(a)pyrene	15.47	252	214714	13.421	ng	# 89
90) Dibenzo(a,h)anthracene	17.04	278	29516	2.273	ng	# 74
91) Benzo(g,h,i)perylene	17.48	276	97611	7.680	ng	94

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

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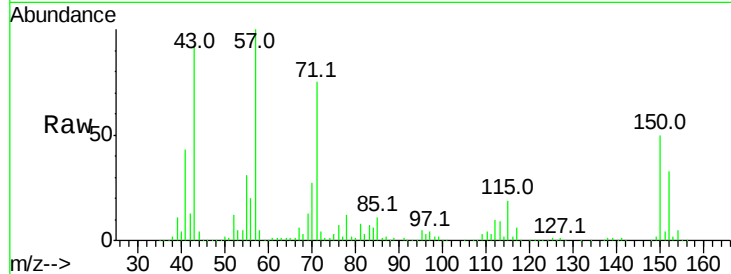




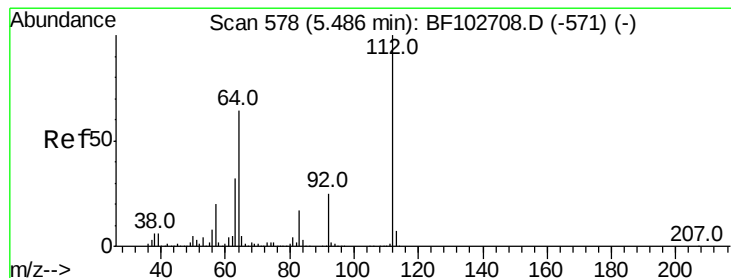
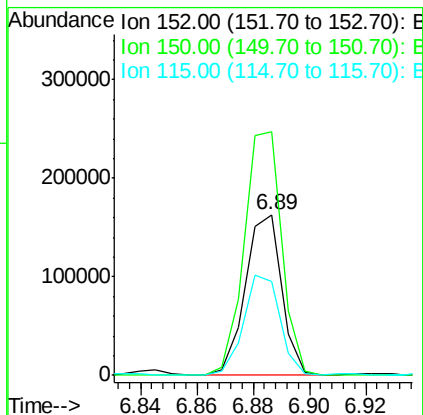
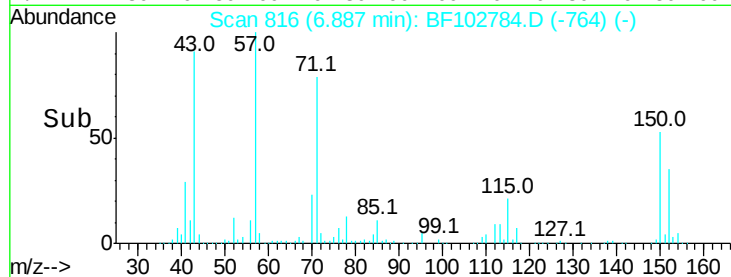
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102784.D
Acq: 6 Feb 2018 15:18

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	124.6	186.8
115	58.5	50.1	75.1



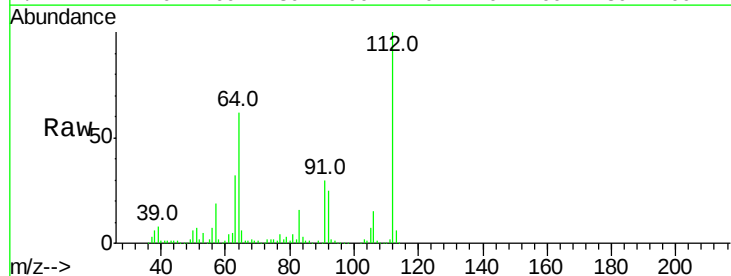
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



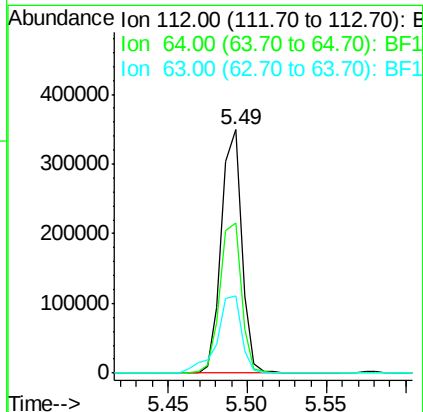
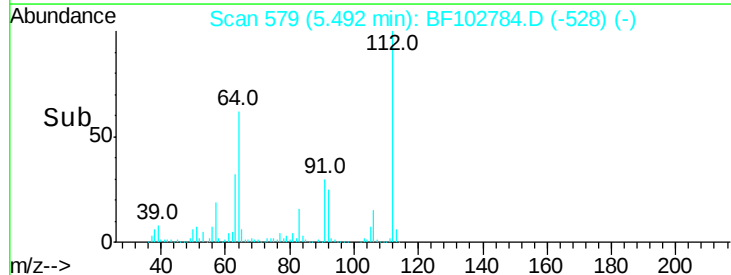
#5

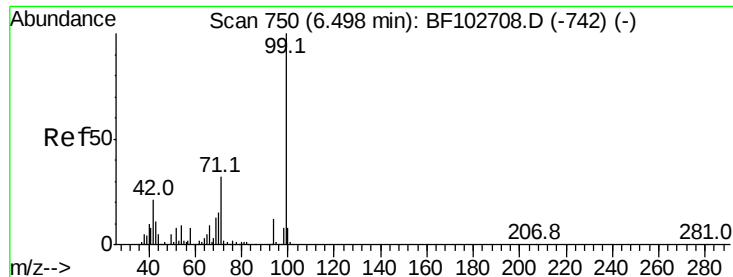
2-Fluorophenol
Concen: 32.712 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF102784.D
Acq: 6 Feb 2018 15:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.8	47.9	71.9
63	31.5	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: 31.787 ng

RT: 6.50 min Scan# 750

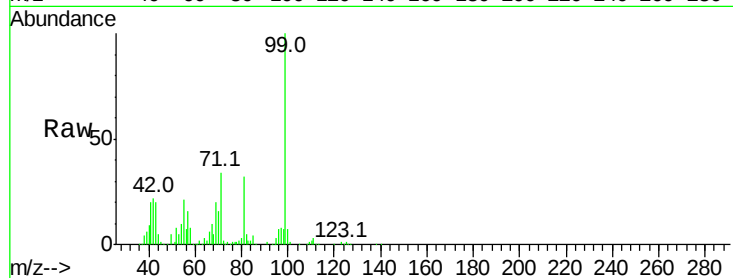
Delta R.T. -0.01 min

Lab File: BF102784.D

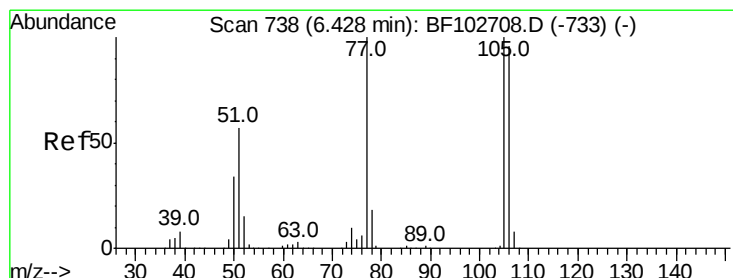
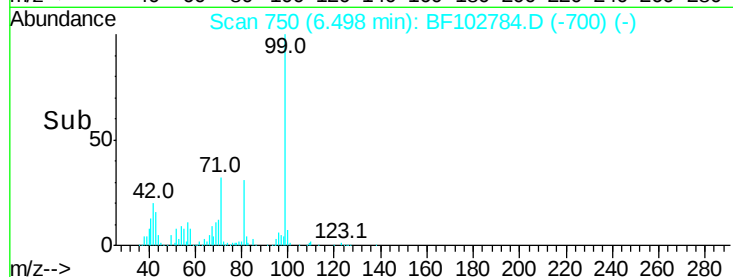
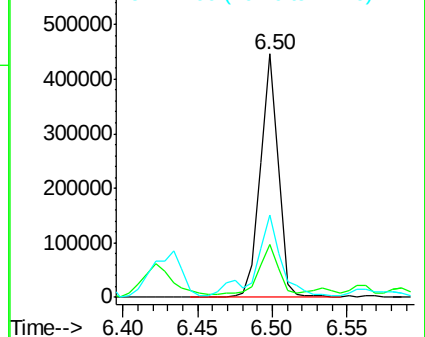
Acq: 6 Feb 2018 15:18

Tot Ion: 99 Resp: 368653

Ion	Ratio	Lower	Upper
99	100		
42	21.9	14.5	21.7#
71	33.6	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: 2.816 ng

RT: 6.42 min Scan# 737

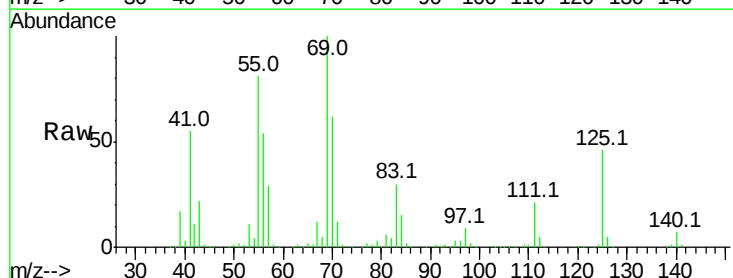
Delta R.T. -0.01 min

Lab File: BF102784.D

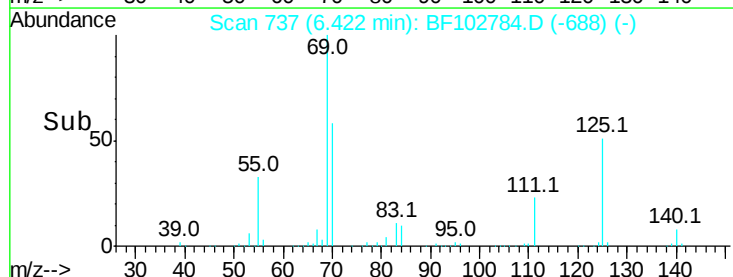
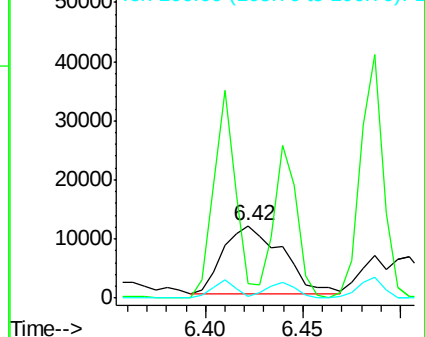
Acq: 6 Feb 2018 15:18

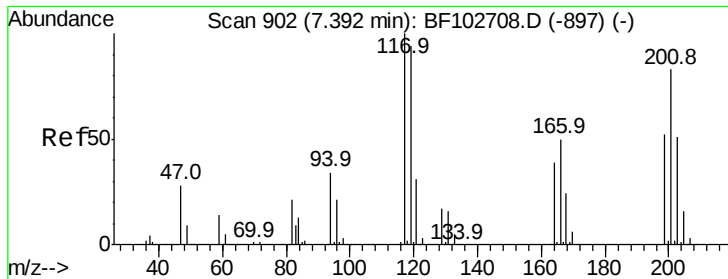
Tgt Ion: 77 Resp: 24251

Ion	Ratio	Lower	Upper
77	100		
105	19.9	81.1	121.1#
106	3.1	74.5	114.5#



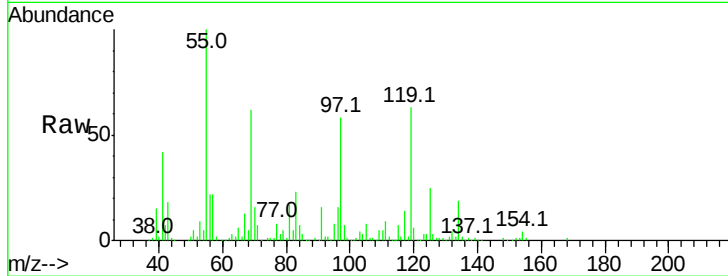
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



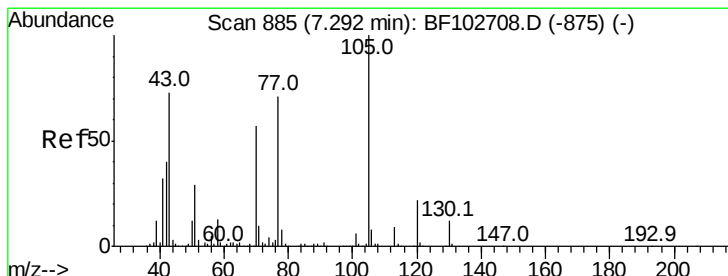
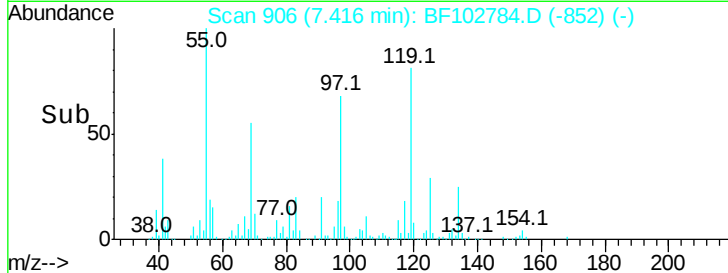
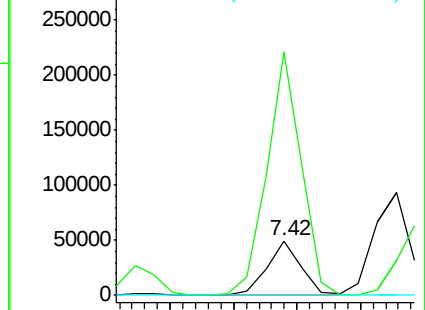


#18
Hexachloroethane
Concen: 9.626 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.02 min
Lab File: BF102784.D
Acq: 6 Feb 2018 15:18

Tot Ion:117 Resp: 37759
Ion Ratio Lower Upper
117 100
119 446.9 75.8 113.8#
201 0.0 75.7 113.5#

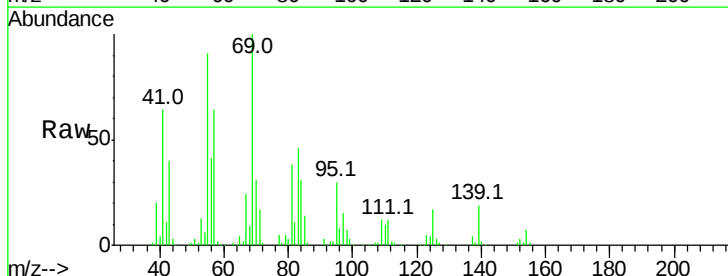


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

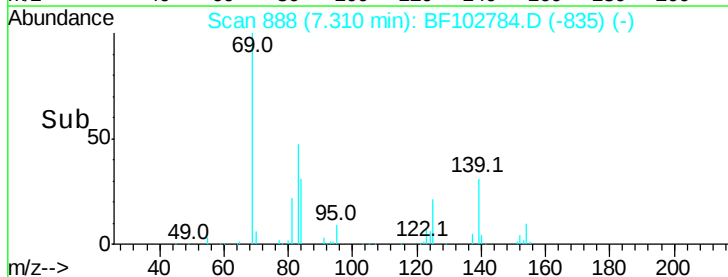
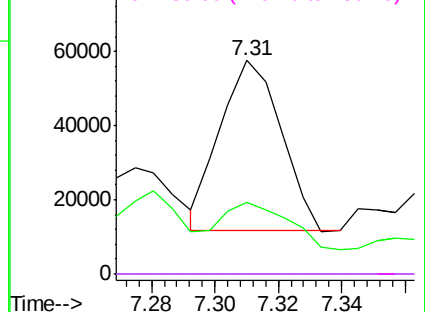


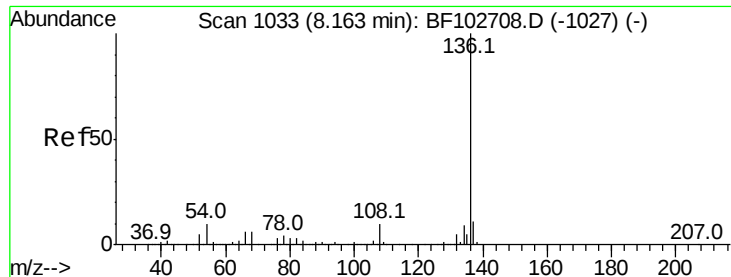
#19
n-Nitroso-di-n-propylamine
Concen: 7.895 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF102784.D
Acq: 6 Feb 2018 15:18

Tgt Ion: 70 Resp: 60374
Ion Ratio Lower Upper
70 100
42 33.6 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): E
Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF102784.D

Acq: 6 Feb 2018 15:18

Tot Ion:136 Resp: 648660

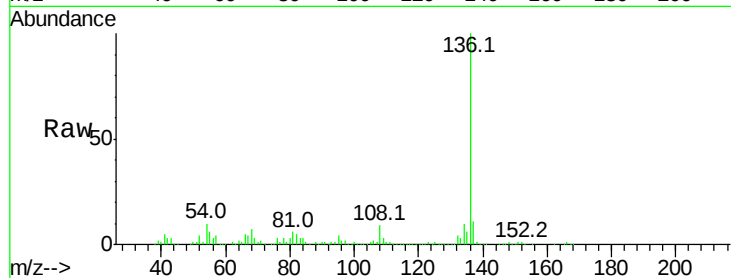
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.7 6.6 9.8

68 6.8 5.0 7.4

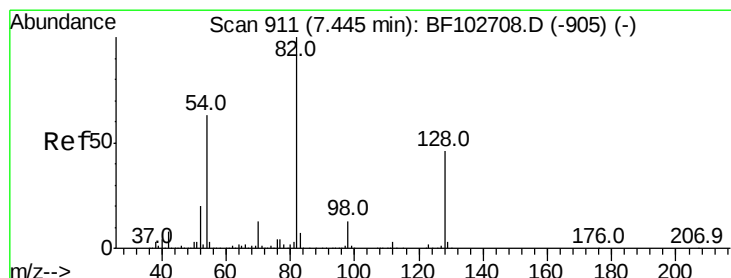
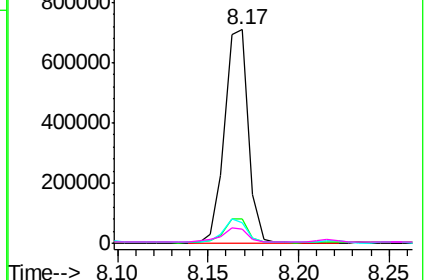
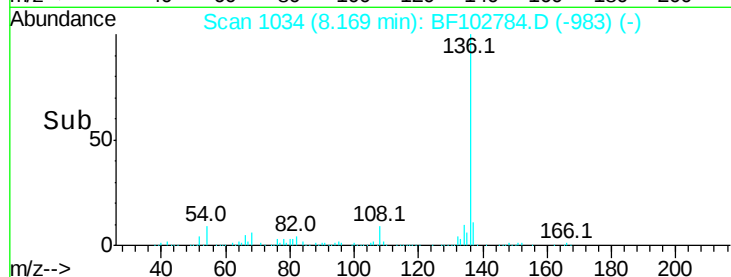


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 25.174 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF102784.D

Acq: 6 Feb 2018 15:18

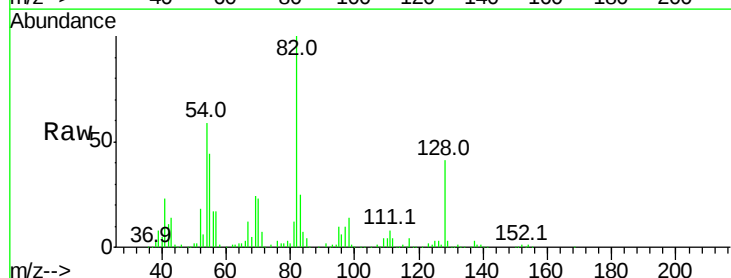
Tgt Ion: 82 Resp: 235397

Ion Ratio Lower Upper

82 100

128 40.8 36.1 54.1

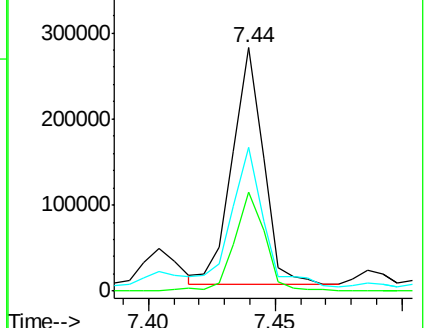
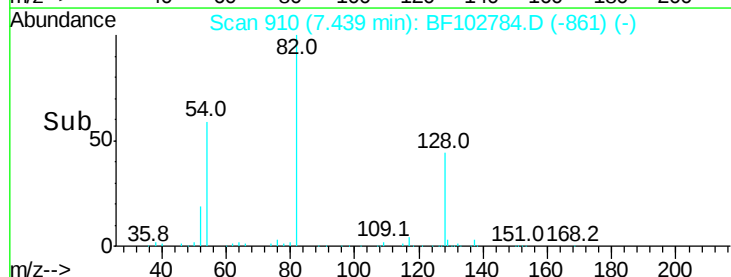
54 59.1 41.4 62.2

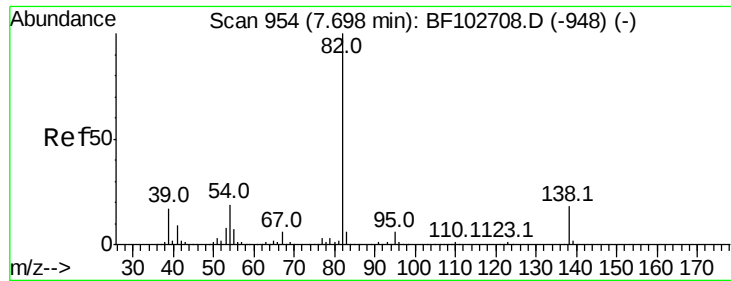


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 2.375 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF102784.D

Acq: 6 Feb 2018 15:18

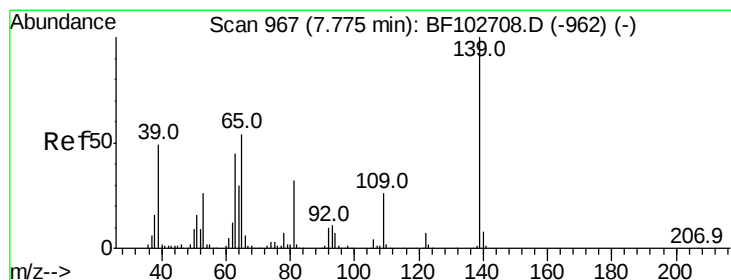
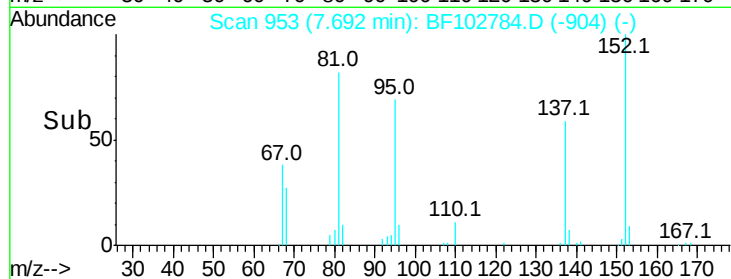
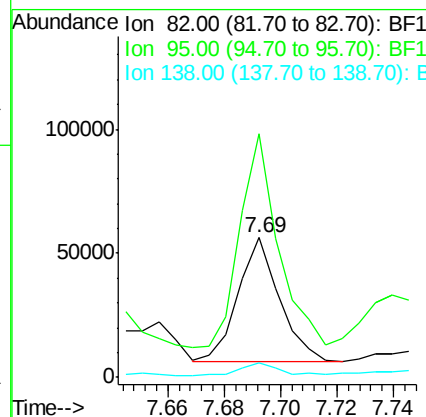
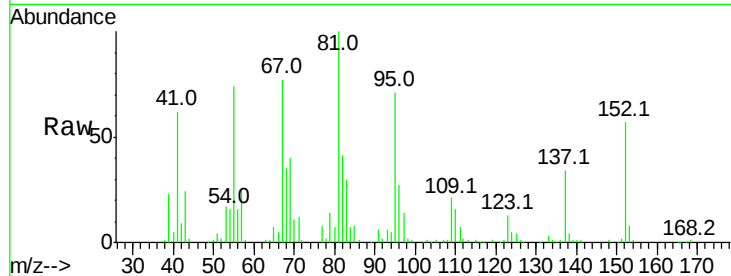
Tot Ion: 82 Resp: 51139

Ion Ratio Lower Upper

82 100

95 174.4 5.2 7.8#

138 10.3 14.9 22.3#



#26

2-Nitrophenol

Concen: 10.406 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF102784.D

Acq: 6 Feb 2018 15:18

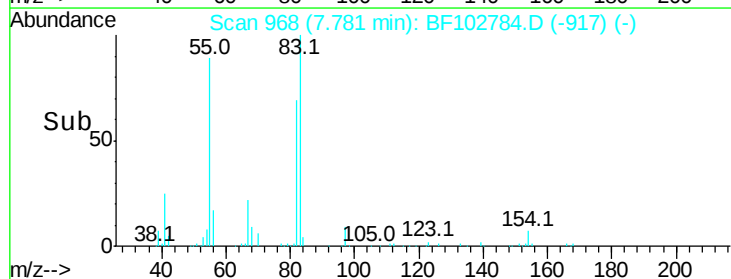
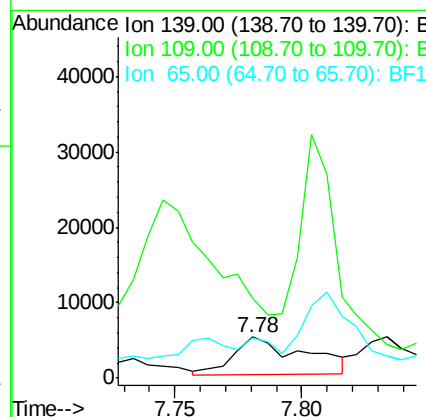
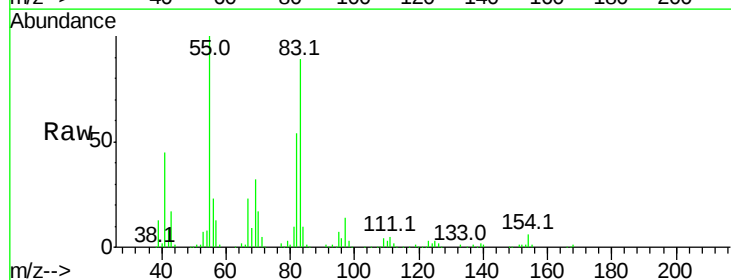
Tgt Ion: 139 Resp: 9593

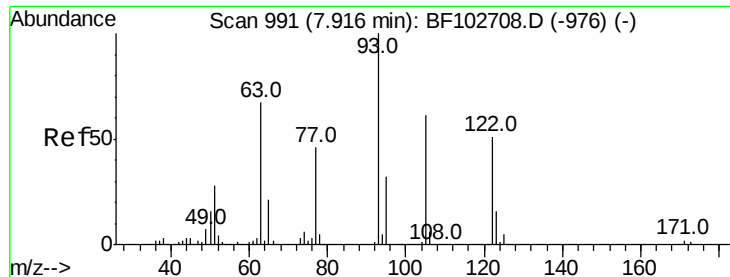
Ion Ratio Lower Upper

139 100

109 197.0 22.7 34.1#

65 99.9 40.5 60.7#





#32

Benzoic acid

Concen: 8.703 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF102784.D

Acq: 6 Feb 2018 15:18

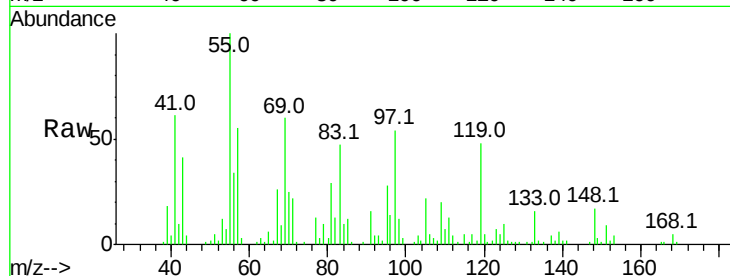
Tot Ion:122 Resp: 1062

Ion Ratio Lower Upper

122 100

105 1095.2 101.1 141.1#

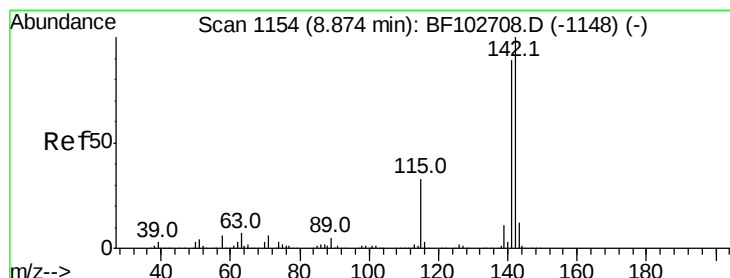
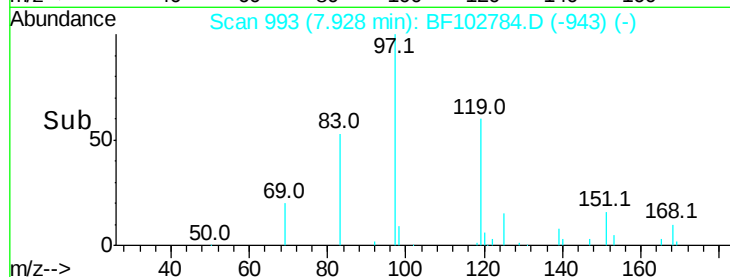
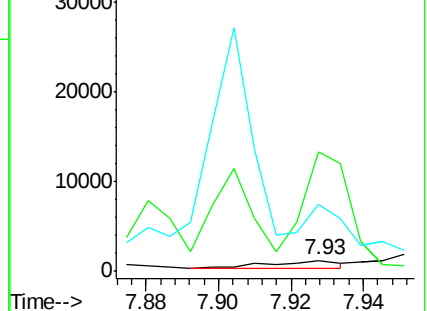
77 621.6 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#37

2-Methylnaphthalene

Concen: 2.025 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF102784.D

Acq: 6 Feb 2018 15:18

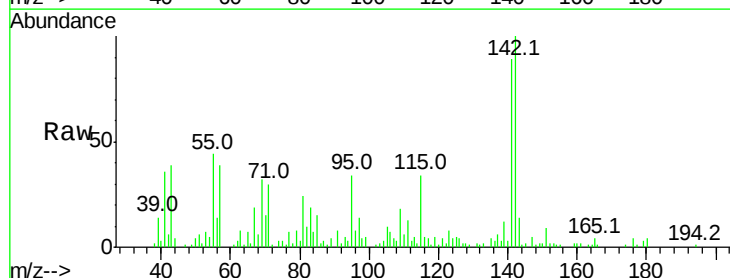
Tgt Ion:142 Resp: 42022

Ion Ratio Lower Upper

142 100

141 88.7 70.8 106.2

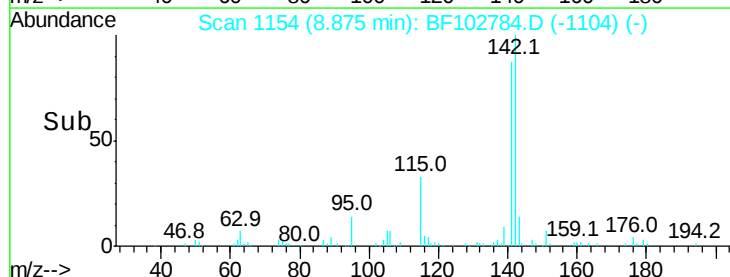
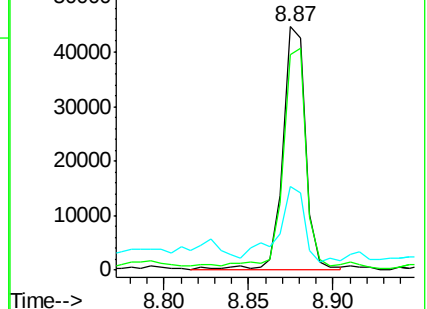
115 34.3 26.1 39.1

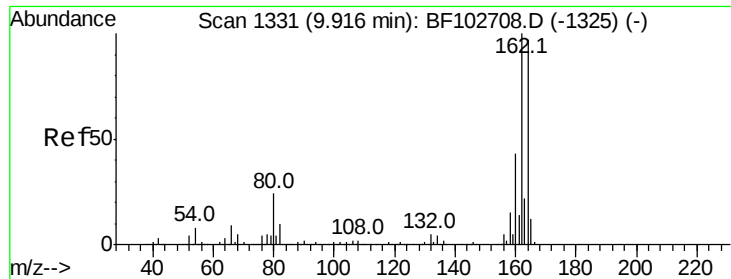


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

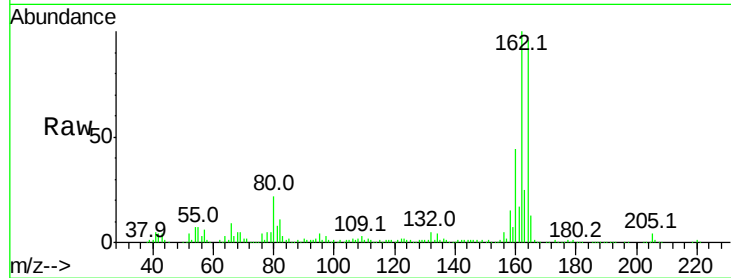
Ion 115.00 (114.70 to 115.70): E



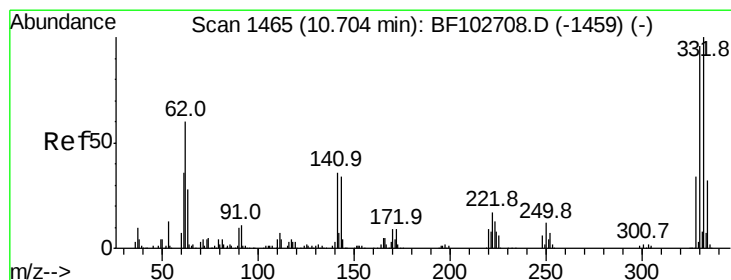
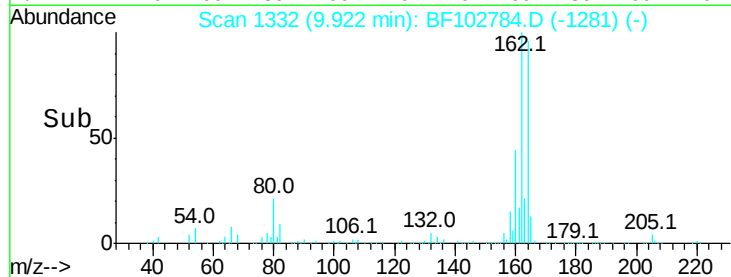
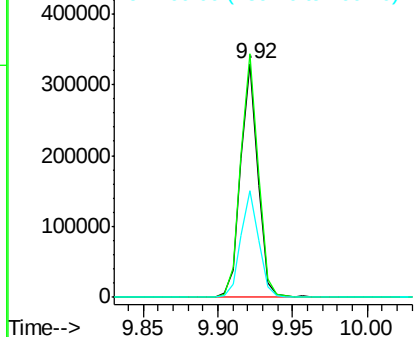


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF102784.D
 Acq: 6 Feb 2018 15:18

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	45.6	38.3	57.5

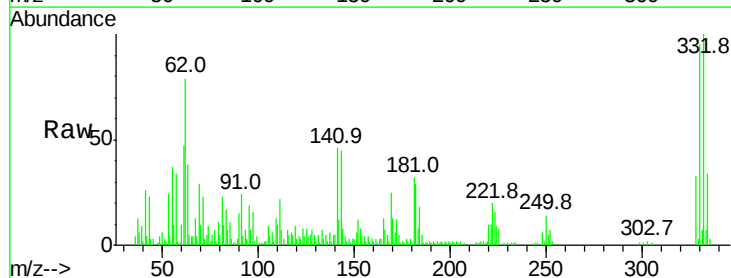


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

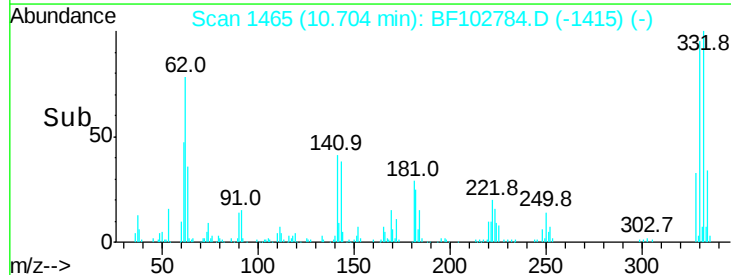
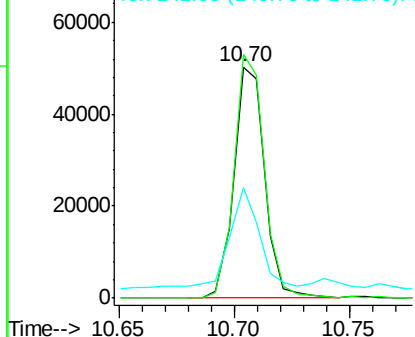


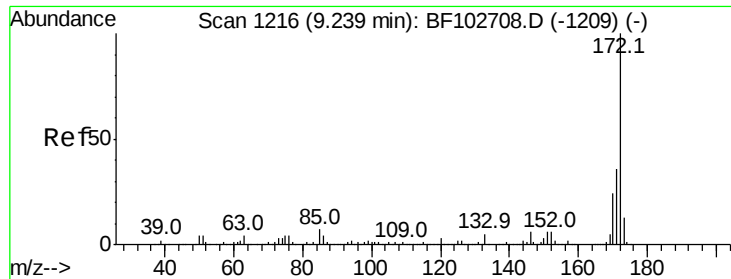
#41
 2,4,6-Tribromophenol
 Concen: 21.794 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF102784.D
 Acq: 6 Feb 2018 15:18

Tgt Ion	Ratio	Lower	Upper
330	100		
332	104.0	77.0	115.6
141	47.3	29.9	44.9#



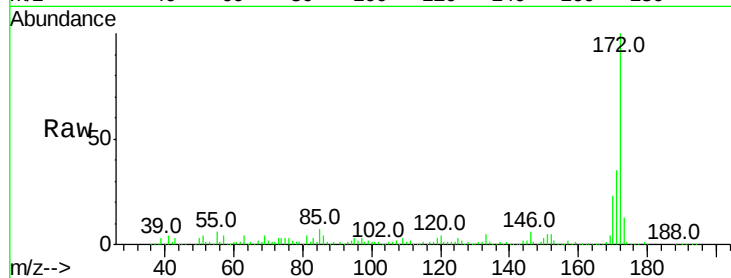
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



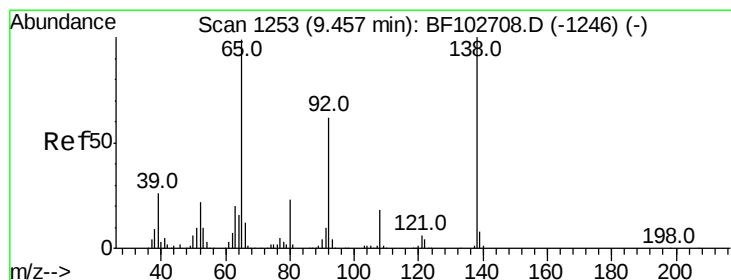
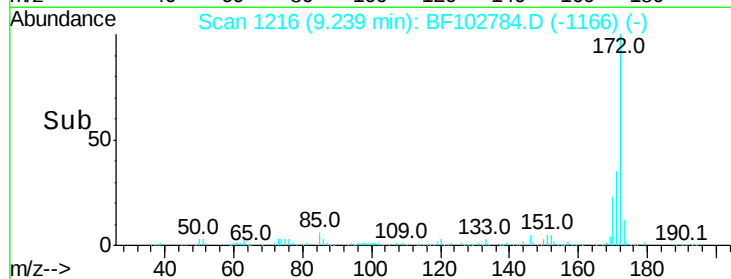
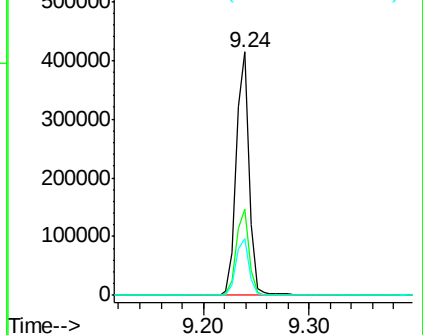


#44
 2-Fluorobiphenyl
 Concen: 21.431 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102784.D
 Acq: 6 Feb 2018 15:18

Tot Ion: 172 Resp: 343943
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.7 44.5
 170 23.4 19.6 29.4

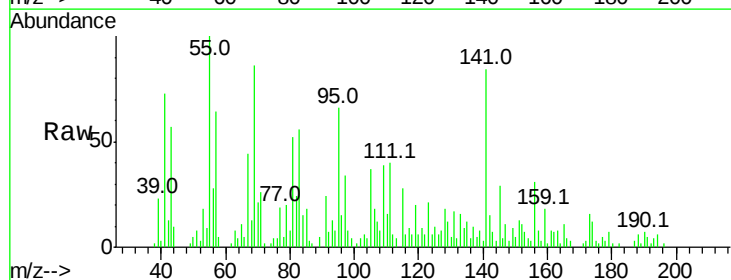


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

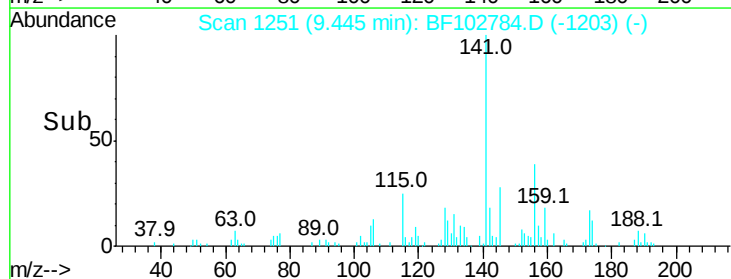
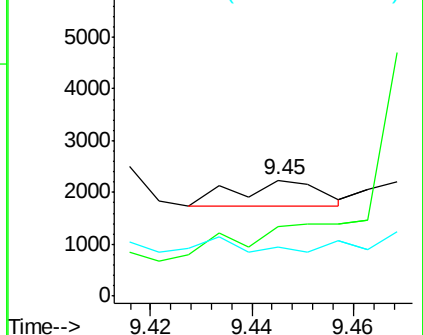


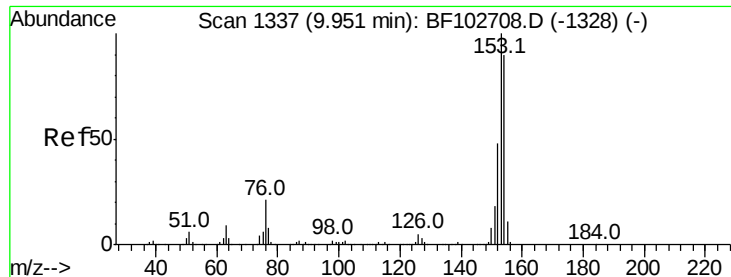
#47
 2-Nitroaniline
 Concen: 3.571 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.02 min
 Lab File: BF102784.D
 Acq: 6 Feb 2018 15:18

Tgt Ion: 65 Resp: 579
 Ion Ratio Lower Upper
 65 100
 92 59.9 55.8 83.6
 138 42.3 91.2 136.8#



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





#51

Acenaphthene

Concen: 3.190 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF102784.D

Acq: 6 Feb 2018 15:18

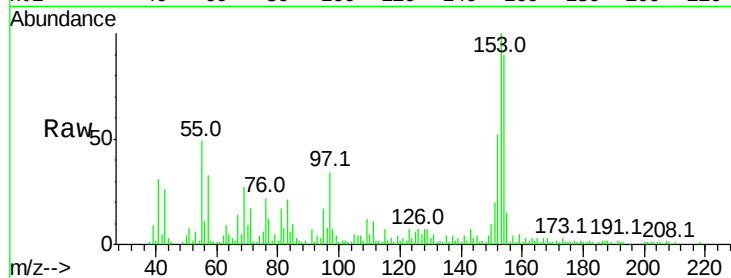
Tot Ion:154 Resp: 52316

Ion Ratio Lower Upper

154 100

153 111.7 91.2 136.8

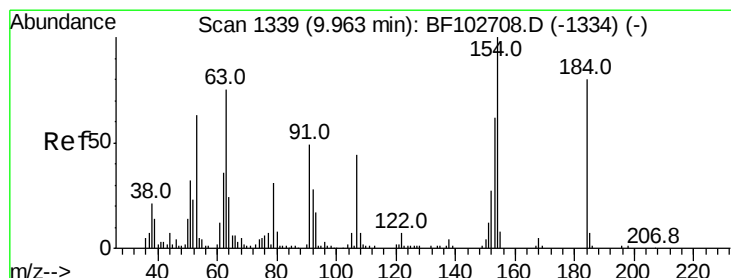
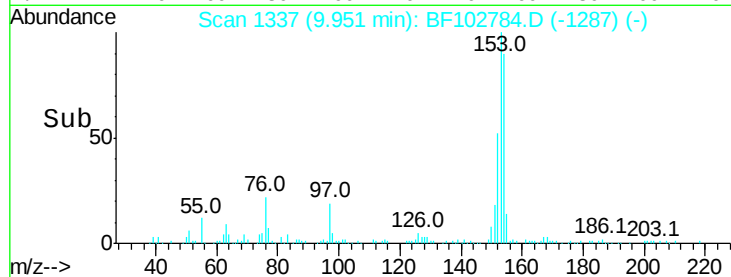
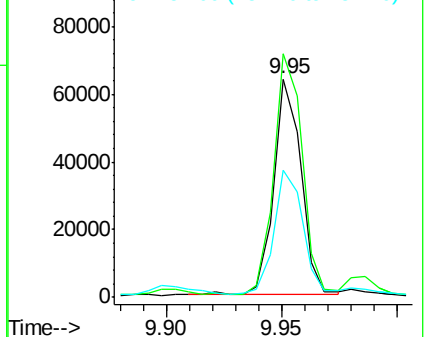
152 58.4 43.8 65.8



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: 8.108 ng

RT: 10.13 min Scan# 1368

Delta R.T. 0.16 min

Lab File: BF102784.D

Acq: 6 Feb 2018 15:18

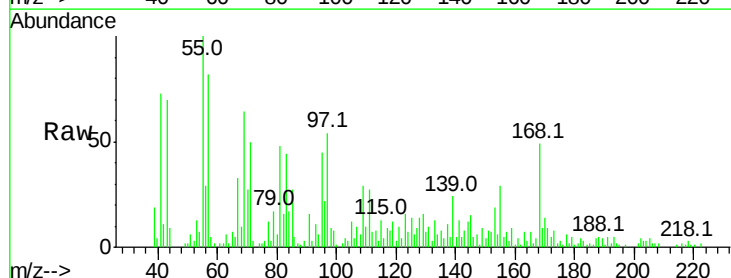
Tgt Ion:184 Resp: 132

Ion Ratio Lower Upper

184 100

63 404.8 54.2 81.2#

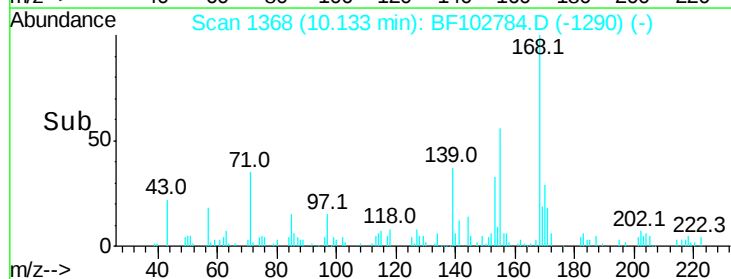
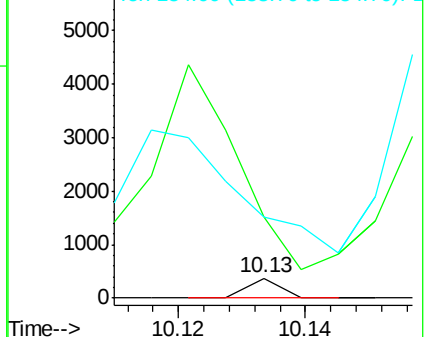
154 408.0 184.0 276.0#

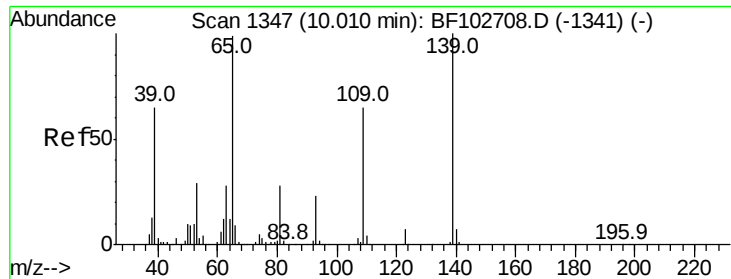


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

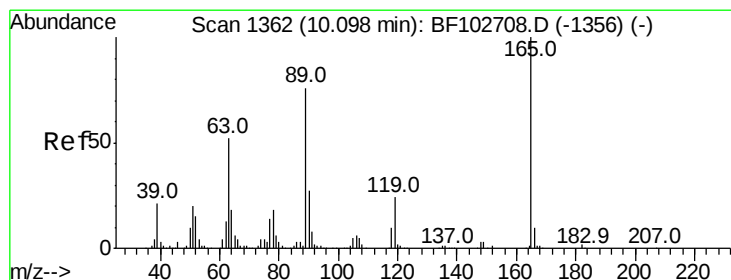
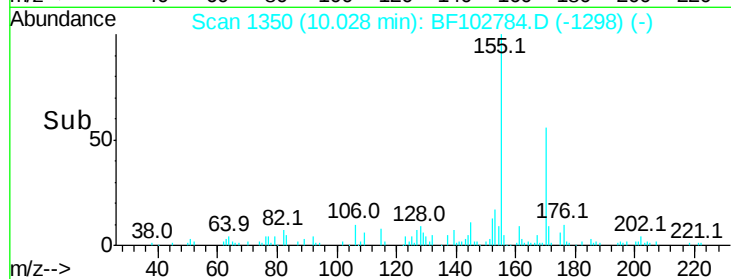
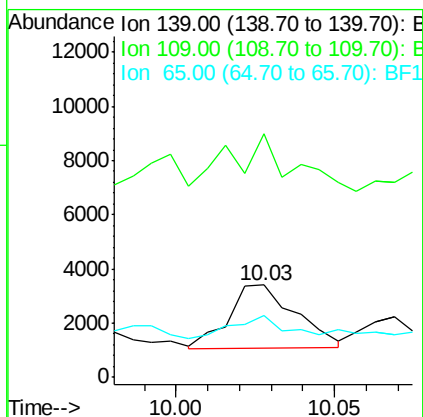
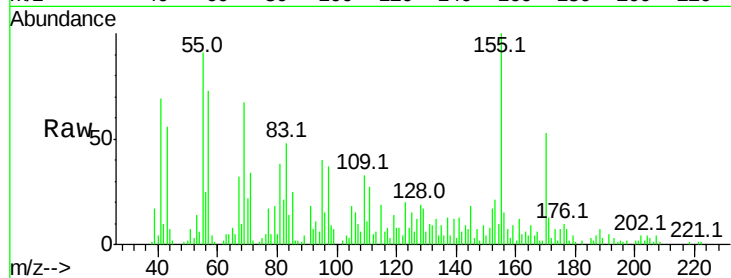
Ion 154.00 (153.70 to 154.70): E





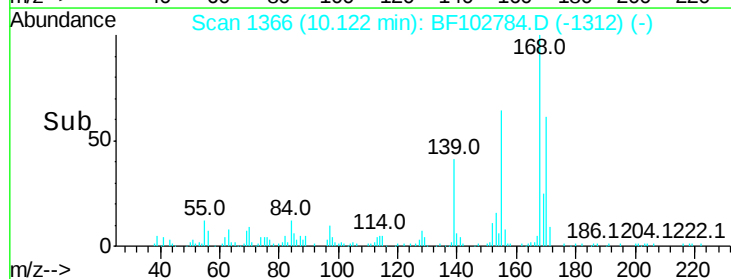
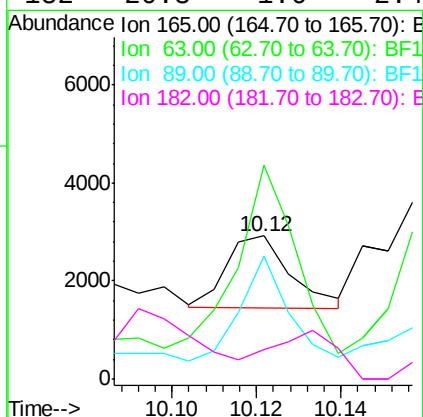
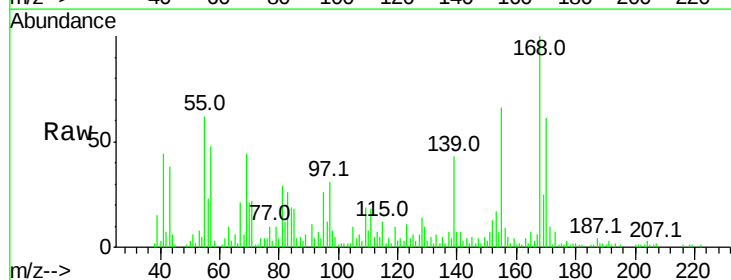
#55
4-Nitrophenol
Concen: 4.839 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF102784.D
Acq: 6 Feb 2018 15:18

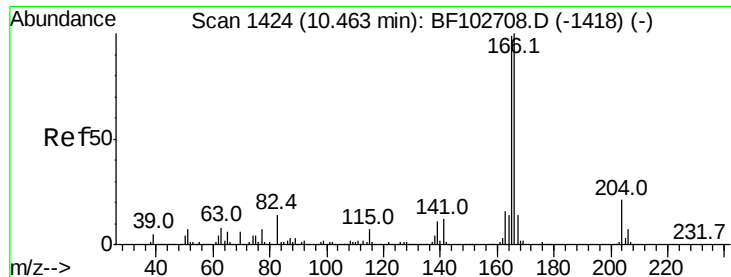
Tot Ion:139 Resp: 3430
Ion Ratio Lower Upper
139 100
109 264.4 48.4 88.4#
65 66.7 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 3.350 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.02 min
Lab File: BF102784.D
Acq: 6 Feb 2018 15:18

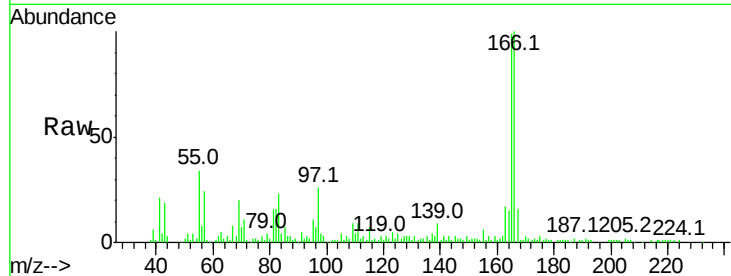
Tgt Ion:165 Resp: 1556
Ion Ratio Lower Upper
165 100
63 149.0 36.4 54.6#
89 85.6 57.8 86.6
182 20.3 1.6 2.4#





#57
 Fluorene
 Concen: 4.331 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF102784.D
 Acq: 6 Feb 2018 15:18

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.8	119.8
167	16.1	10.6	16.0

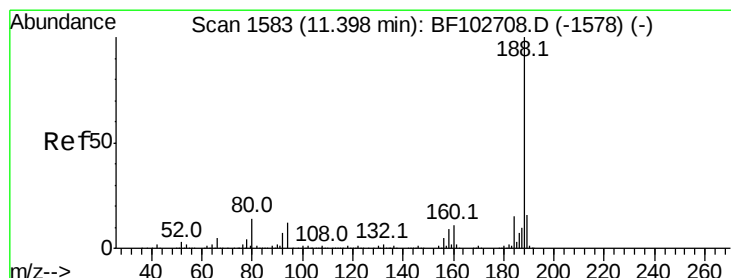
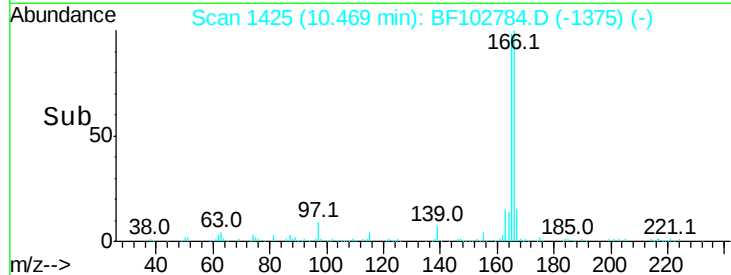
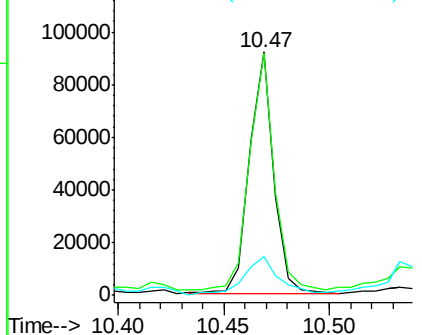


Abundance

Ion 166.00 (165.70 to 166.70): E

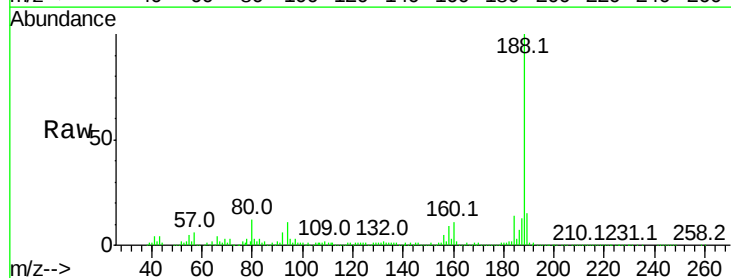
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: BF102784.D
 Acq: 6 Feb 2018 15:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.8	9.2	13.8

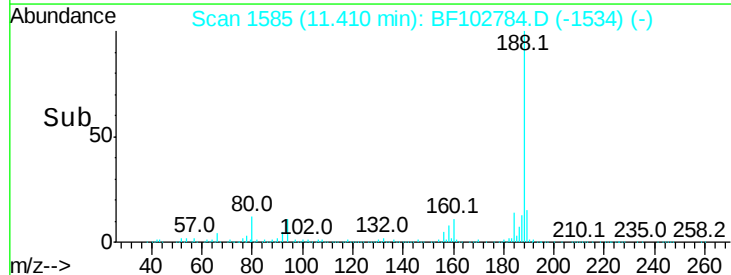
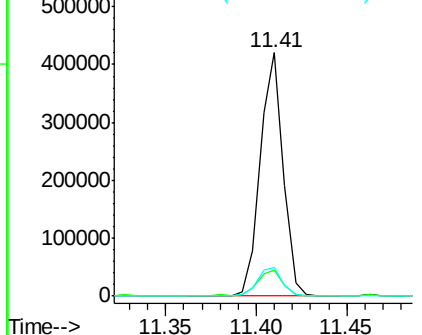


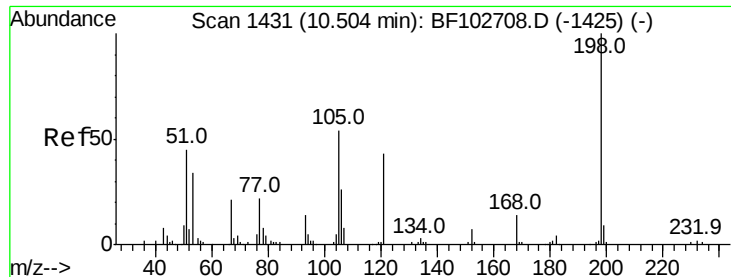
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 8.861 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.03 min

Lab File: BF102784.D

Acq: 6 Feb 2018 15:18

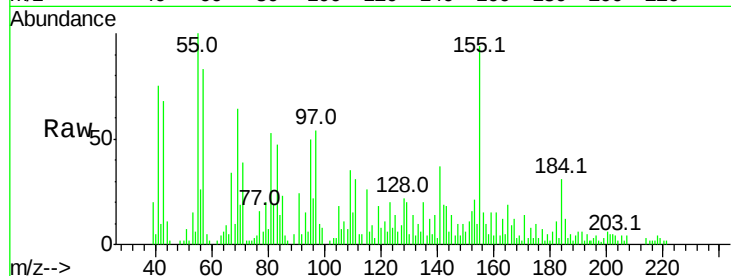
Tot Ion:198 Resp: 114

Ion Ratio Lower Upper

198 100

51 496.3 37.7 77.7#

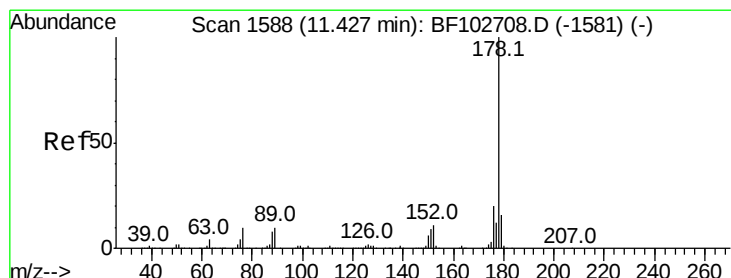
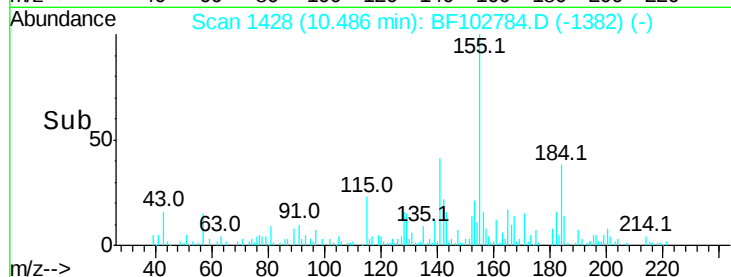
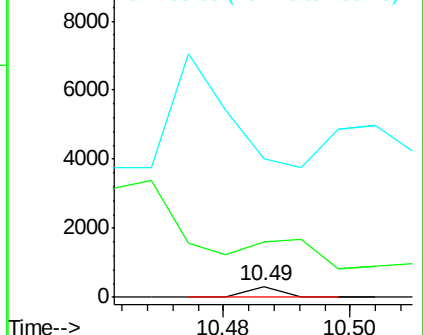
105 1247.8 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#70

Phenanthrene

Concen: 30.046 ng

RT: 11.43 min Scan# 1589

Delta R.T. 0.00 min

Lab File: BF102784.D

Acq: 6 Feb 2018 15:18

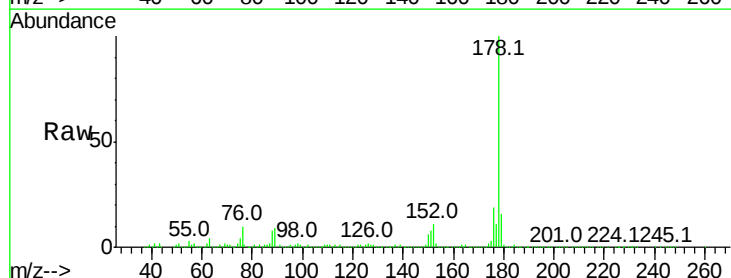
Tgt Ion:178 Resp: 616459

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.8

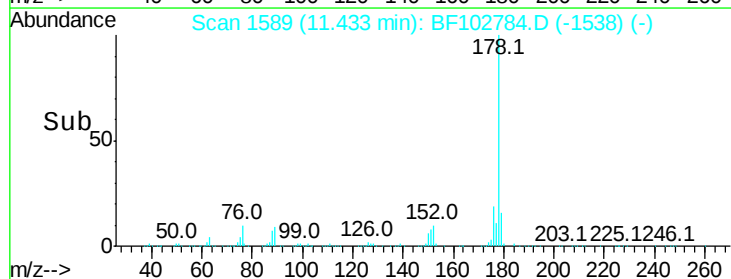
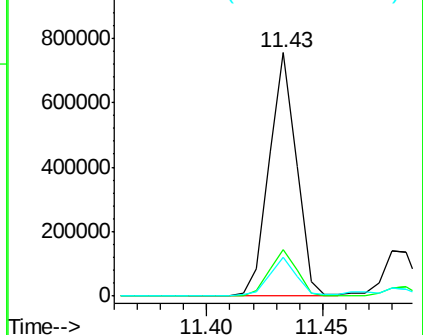
179 16.1 13.0 19.6

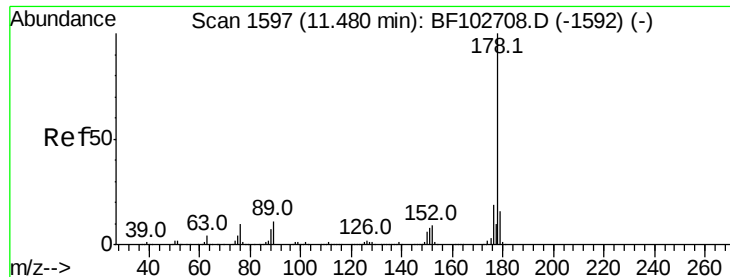


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 6.021 ng

RT: 11.48 min Scan# 1597

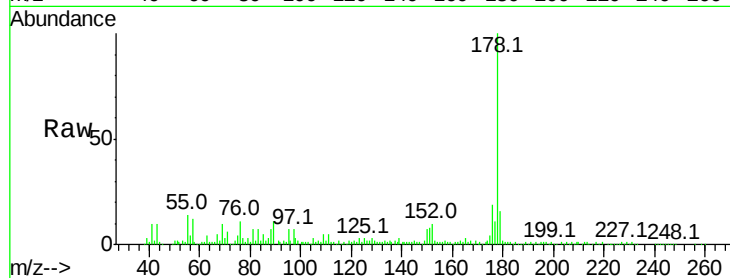
Delta R.T. -0.01 min

Lab File: BF102784.D

Acq: 6 Feb 2018 15:18

Tot Ion:178 Resp: 125637

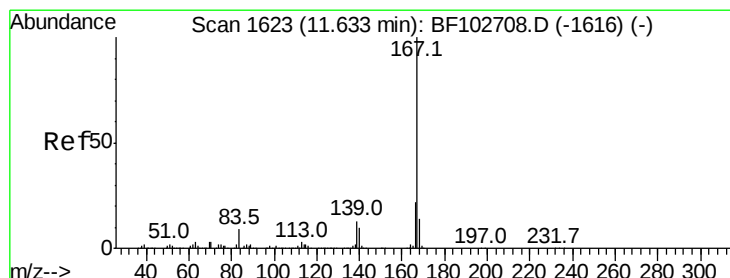
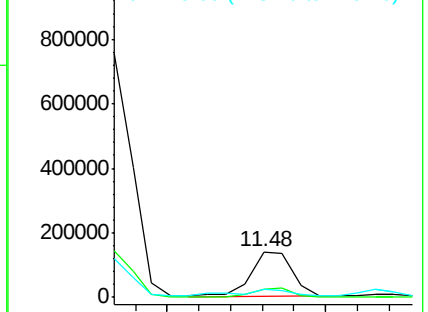
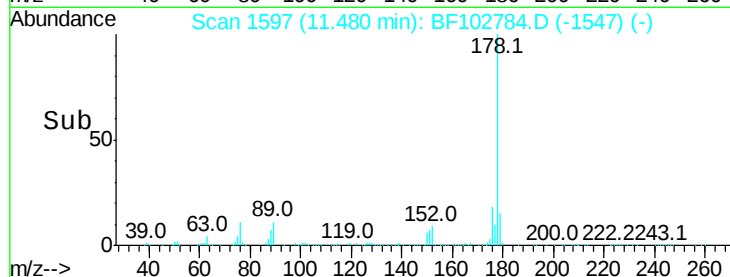
Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	16.5	12.6	19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 3.530 ng

RT: 11.63 min Scan# 1623

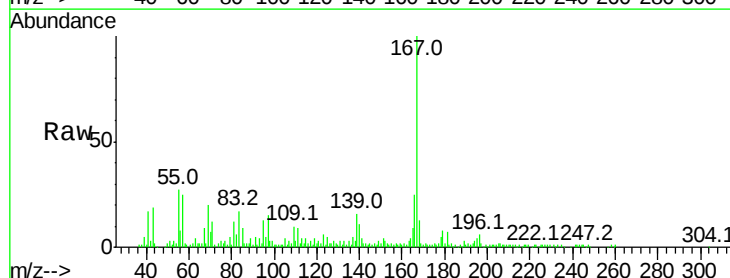
Delta R.T. -0.01 min

Lab File: BF102784.D

Acq: 6 Feb 2018 15:18

Tgt Ion:167 Resp: 72169

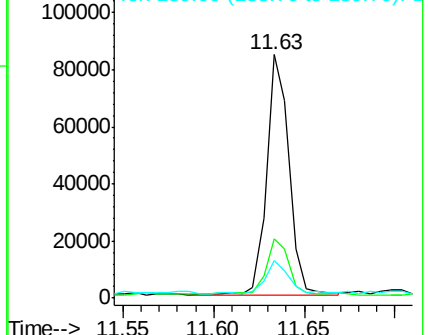
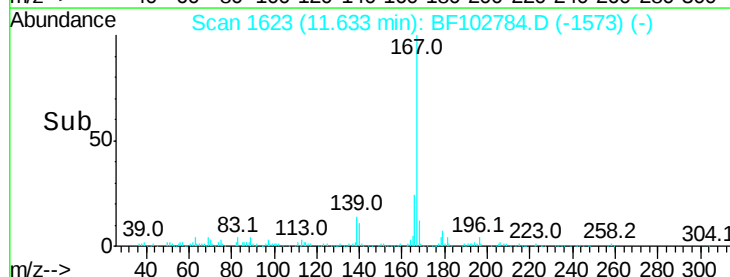
Ion	Ratio	Lower	Upper
167	100		
166	24.6	17.6	26.4
139	15.6	10.9	16.3

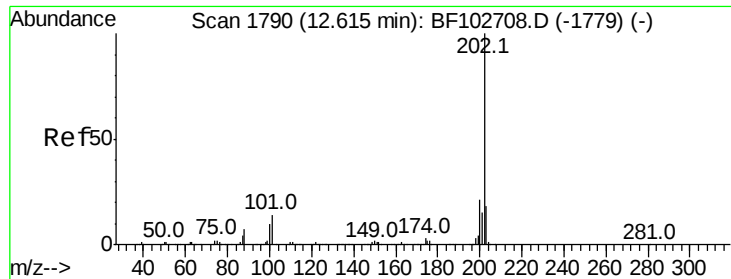


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 33.193 ng

RT: 12.62 min Scan# 1791

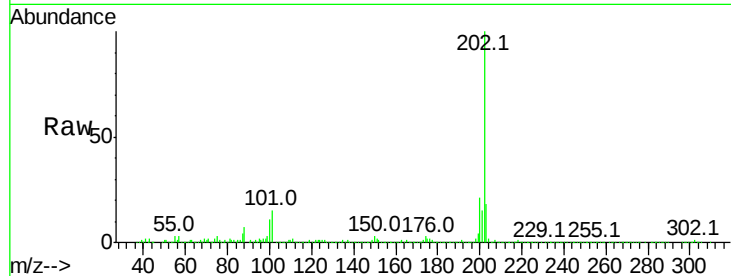
Delta R.T. 0.00 min

Lab File: BF102784.D

Acq: 6 Feb 2018 15:18

Tot Ion:202 Resp: 685186

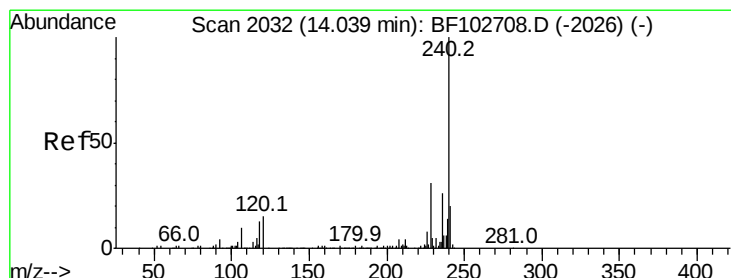
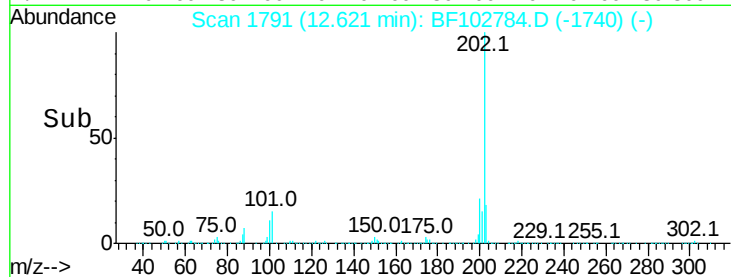
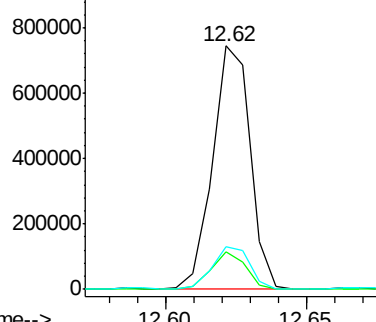
Ion	Ratio	Lower	Upper
202	100		
101	15.4	0.0	34.1
203	17.7	0.0	38.1



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: 14.05 min Scan# 2034

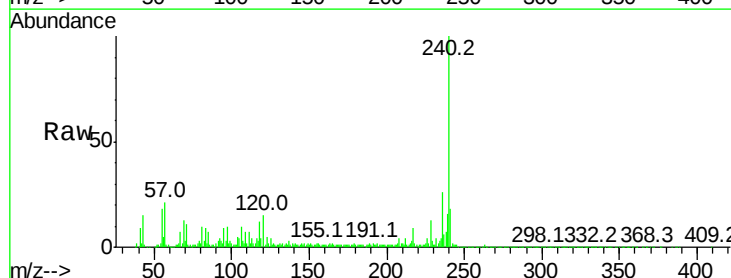
Delta R.T. -0.00 min

Lab File: BF102784.D

Acq: 6 Feb 2018 15:18

Tgt Ion:240 Resp: 287342

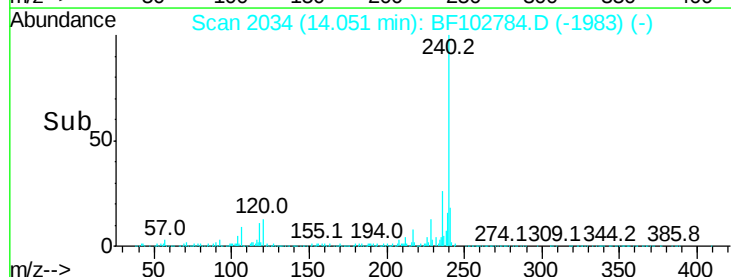
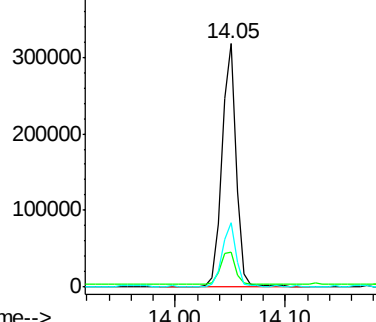
Ion	Ratio	Lower	Upper
240	100		
120	14.6	9.5	14.3#
236	26.3	20.7	31.1

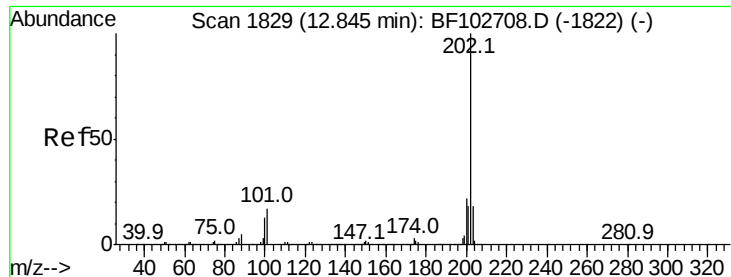


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 25.631 ng

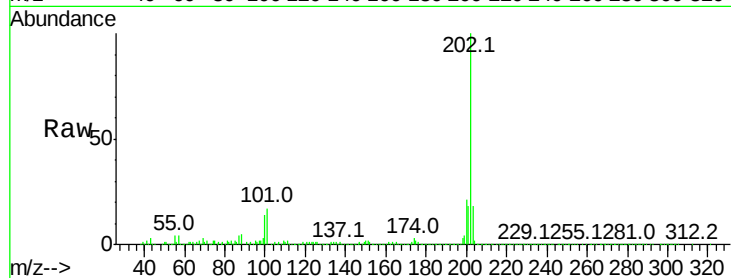
RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

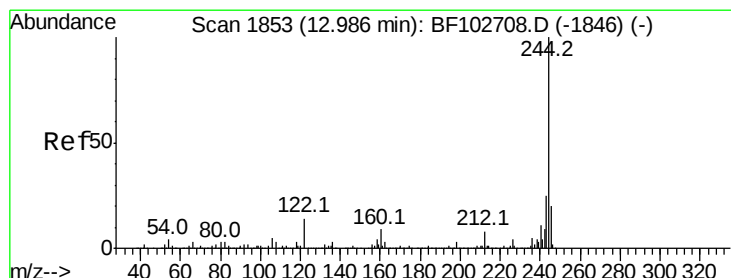
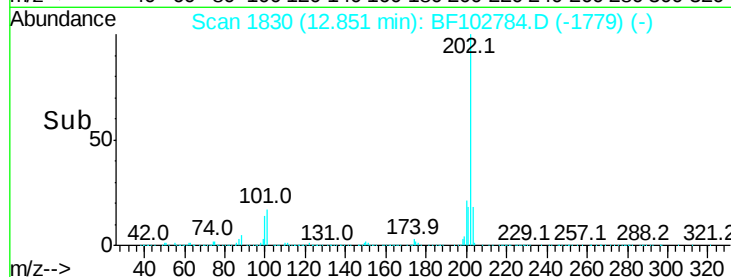
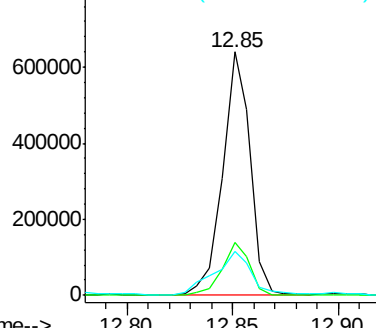
Lab File: BF102784.D

Acq: 6 Feb 2018 15:18

Tot Ion:	202	Resp:	577527
Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	18.1	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: 16.787 ng

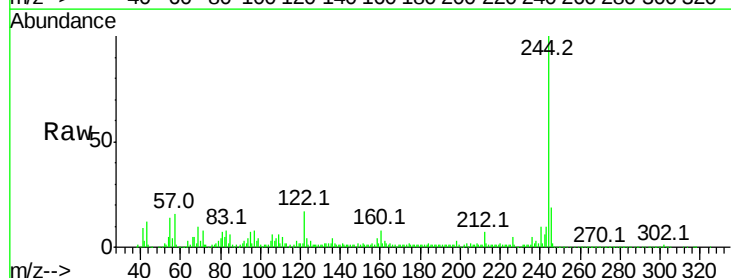
RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

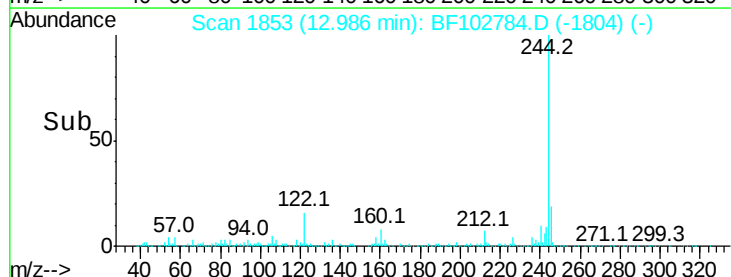
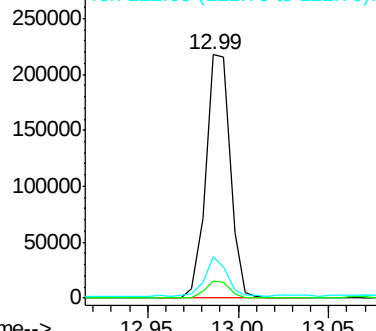
Lab File: BF102784.D

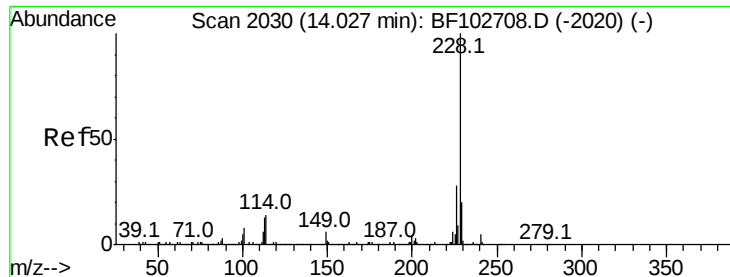
Acq: 6 Feb 2018 15:18

Tgt Ion:	244	Resp:	203716
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	16.8	11.0	16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 14.984 ng

RT: 14.04 min Scan# 2032

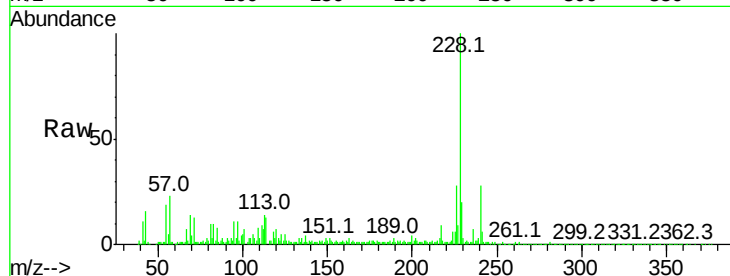
Delta R.T. -0.00 min

Lab File: BF102784.D

Acq: 6 Feb 2018 15:18

Tot Ion:228 Resp: 270769

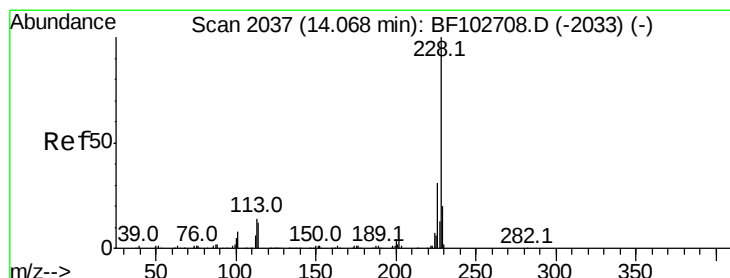
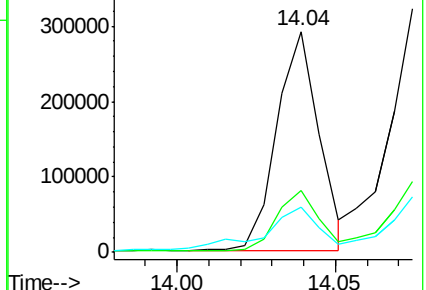
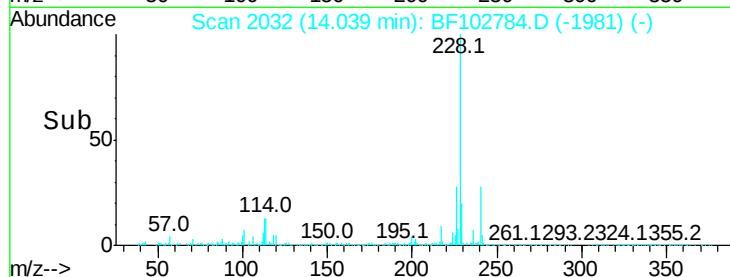
Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	20.3	15.8	23.6



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: 15.552 ng

RT: 14.07 min Scan# 2038

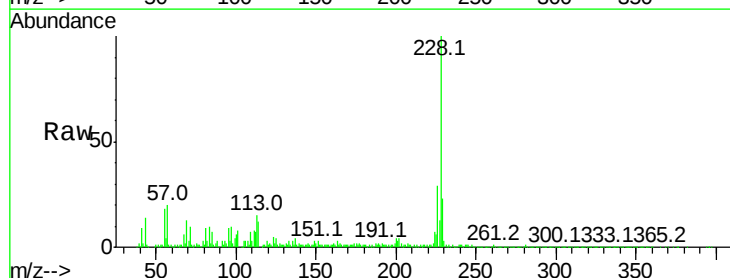
Delta R.T. -0.01 min

Lab File: BF102784.D

Acq: 6 Feb 2018 15:18

Tgt Ion:228 Resp: 283305

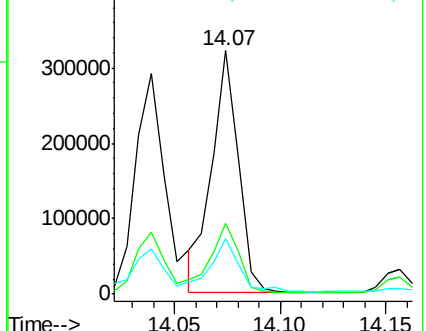
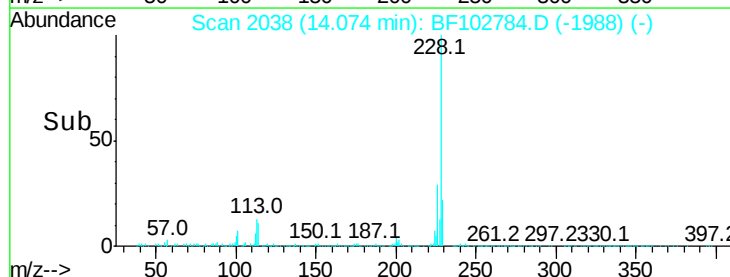
Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.0	37.6
229	22.9	16.2	24.4

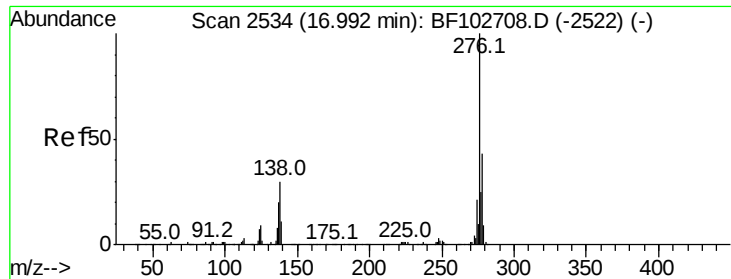


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

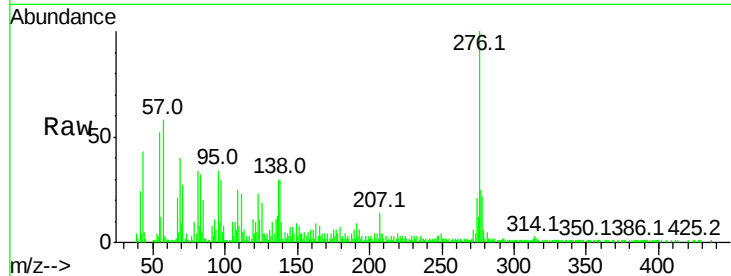
Ion 229.00 (228.70 to 229.70): E



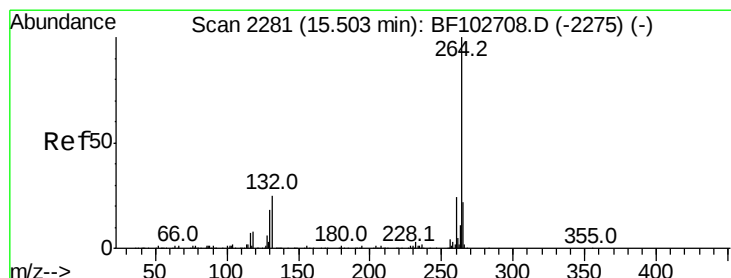
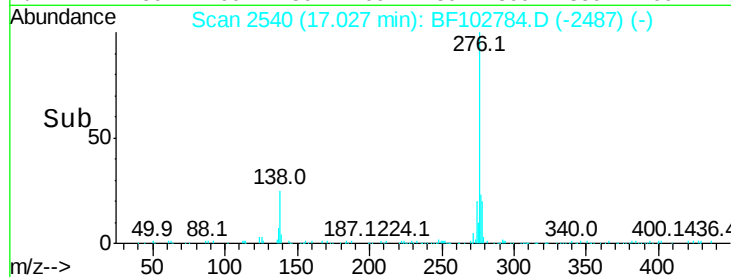
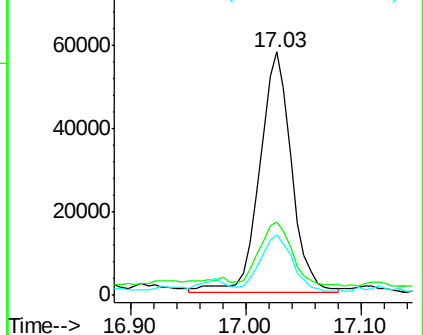


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 7.353 ng
 RT: 17.03 min Scan# 2540
 Delta R.T. 0.01 min
 Lab File: BF102784.D
 Acq: 6 Feb 2018 15:18

Tot Ion:276	Resp:	111099
Ion Ratio	Lower	Upper
276	100	
138	28.1	25.0 37.6
277	23.5	20.1 30.1

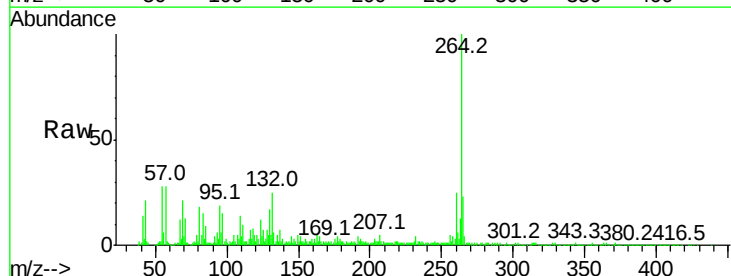


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

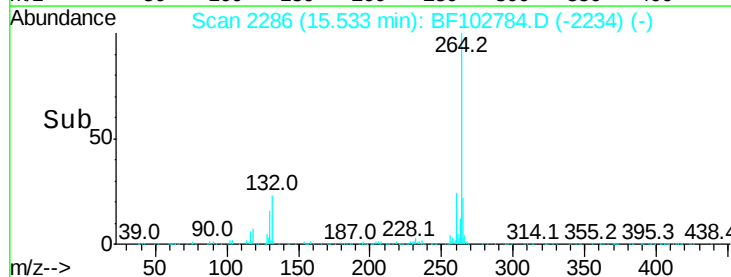
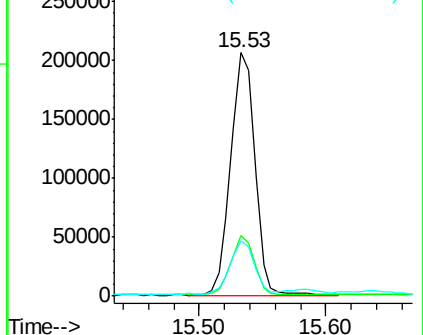


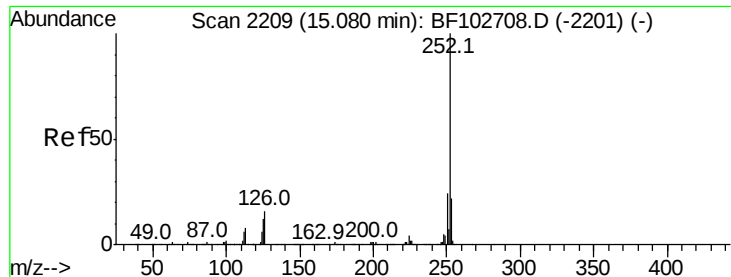
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2286
 Delta R.T. 0.01 min
 Lab File: BF102784.D
 Acq: 6 Feb 2018 15:18

Tgt Ion:264	Resp:	274133
Ion Ratio	Lower	Upper
264	100	
260	24.7	19.2 28.8
265	22.5	17.5 26.3



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





#87

Benzo(b)fluoranthene

Concen: 25.167 ng

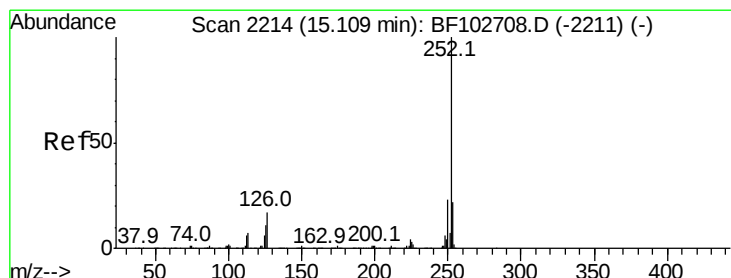
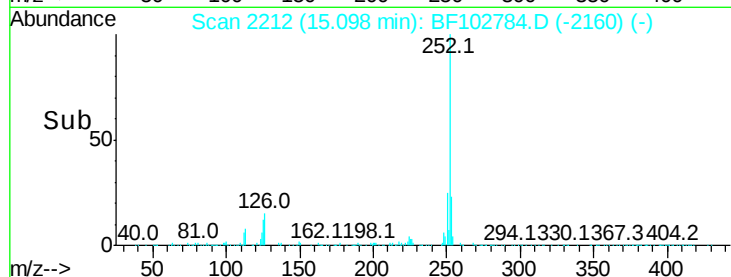
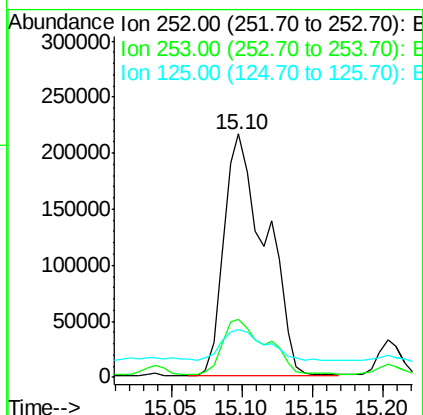
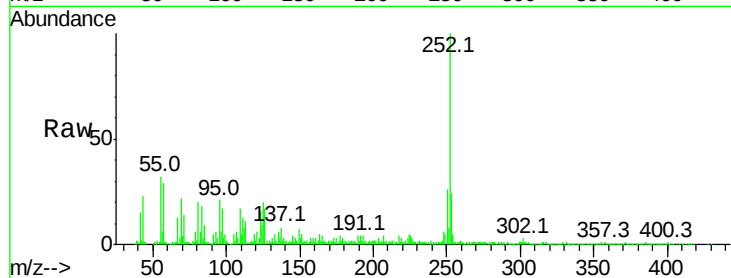
RT: 15.10 min Scan# 2212

Delta R.T. 0.01 min

Lab File: BF102784.D

Acq: 6 Feb 2018 15:18

Tot Ion:252	Resp:	447291
Ion Ratio	Lower	Upper
252	100	
253	23.7	17.0 25.6
125	19.5	9.0 13.6#



#88

Benzo(k)fluoranthene

Concen: 26.339 ng

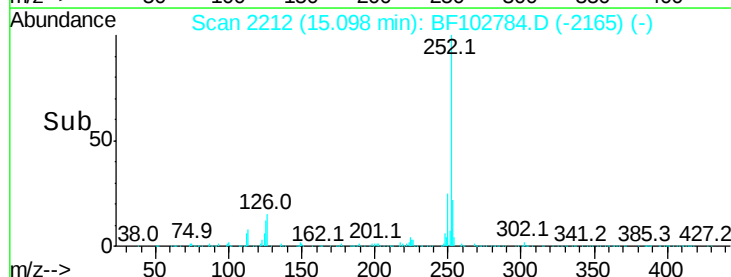
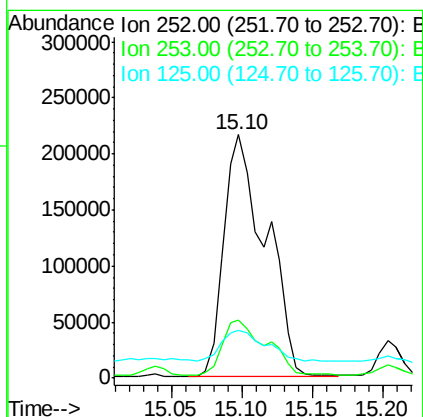
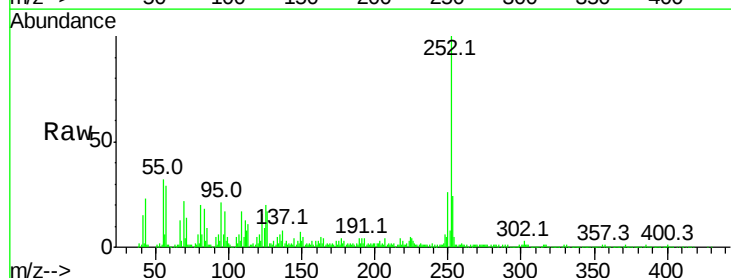
RT: 15.10 min Scan# 2212

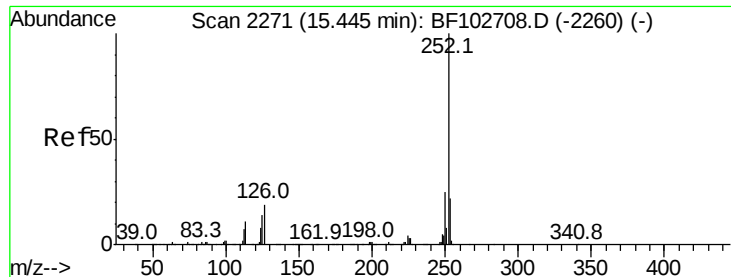
Delta R.T. -0.02 min

Lab File: BF102784.D

Acq: 6 Feb 2018 15:18

Tgt Ion:252	Resp:	447291
Ion Ratio	Lower	Upper
252	100	
253	23.7	17.9 26.9
125	19.5	10.2 15.2#





#89

Benzo(a)pyrene

Concen: 13.421 ng

RT: 15.47 min Scan# 2275

Delta R.T. 0.01 min

Lab File: BF102784.D

Acq: 6 Feb 2018 15:18

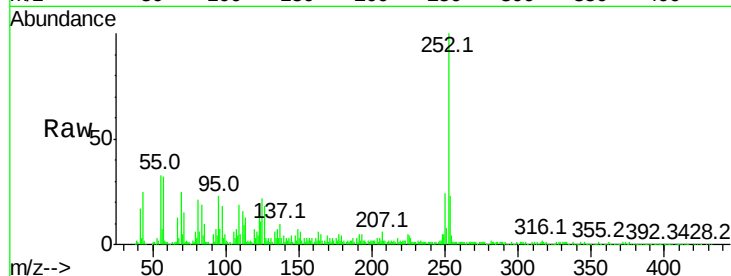
Tot Ion:252 Resp: 214714

Ion Ratio Lower Upper

252 100

253 22.8 17.1 25.7

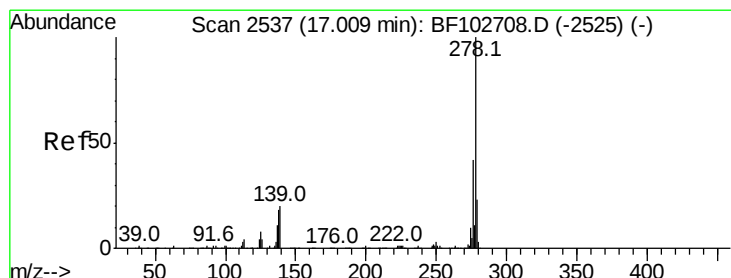
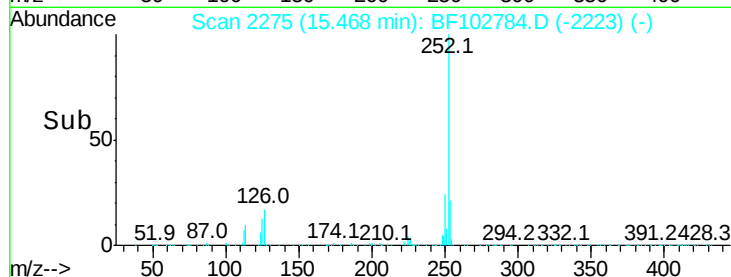
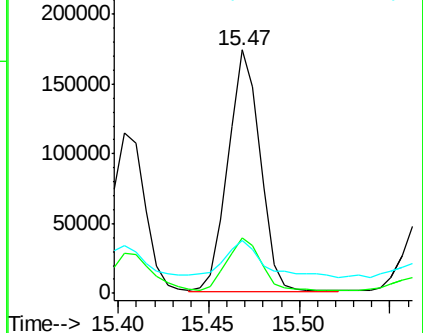
125 21.6 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 2.273 ng

RT: 17.04 min Scan# 2542

Delta R.T. 0.00 min

Lab File: BF102784.D

Acq: 6 Feb 2018 15:18

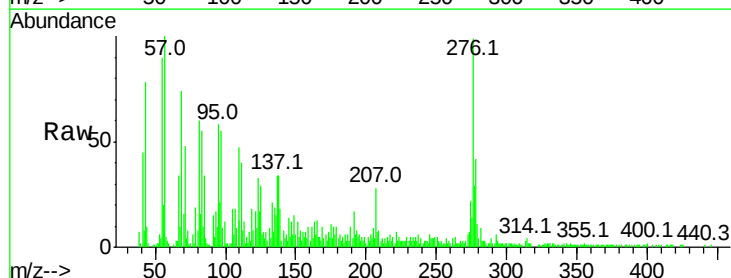
Tgt Ion:278 Resp: 29516

Ion Ratio Lower Upper

278 100

139 42.6 15.9 23.9#

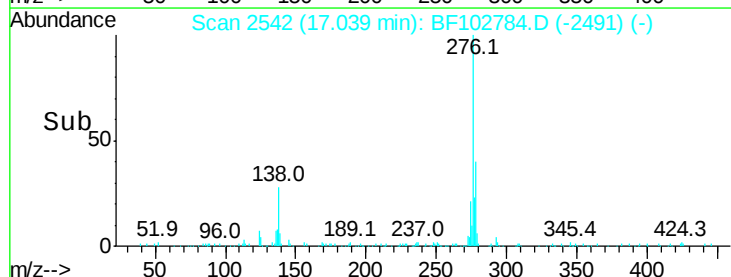
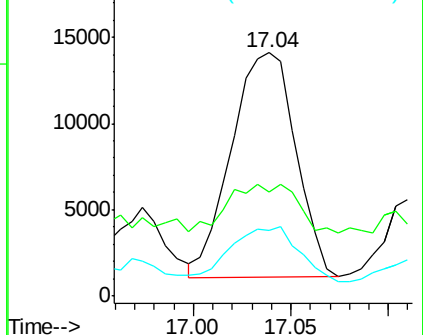
279 27.1 19.0 28.4

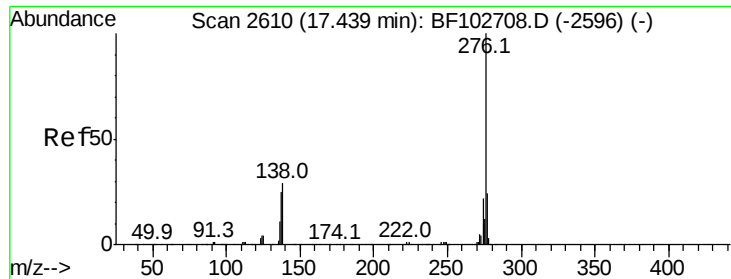


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

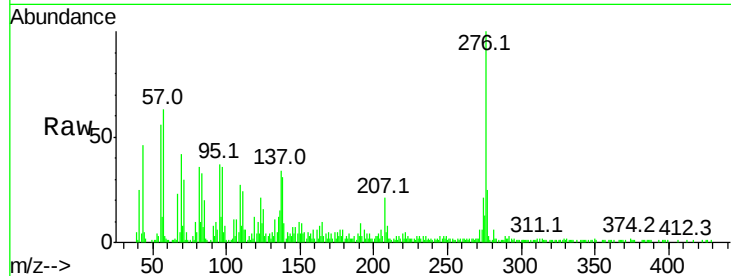
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 7.680 ng
 RT: 17.48 min Scan# 2617
 Delta R.T. 0.01 min
 Lab File: BF102784.D
 Acq: 6 Feb 2018 15:18

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	17.9	26.9
138	30.8	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

