

Data Path : U:\HPCHEM1\BNA F\DATA\BF020618\
 Data File : BF102775.D
 Acq On : 6 Feb 2018 11:15
 Operator : SJ/JU
 Sample : J1454-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 06 12:30:10 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	6.88	152	173889	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	769957	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	310337	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	408742	20.00	ng	0.00
75) Chrysene-d12	14.07	240	181819	20.00	ng	0.02
86) Perylene-d12	15.58	264	254441	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1227703	107.22	ng	0.00
7) Phenol-d6	6.51	99	1407767	102.11	ng	0.00
23) Nitrobenzene-d5	7.45	82	803075	72.35	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	231312	92.60	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1150771	61.53	ng	0.00
78) Terphenyl-d14	13.01	244	554513	72.21	ng	0.01

Target Compounds

						Qvalue
6) Aniline	6.59	93	732247	35.965	ng	# 50
9) Benzaldehyde	6.42	77	31441	3.071	ng	# 14
10) Phenol	6.52	94	116807	7.906	ng	# 86
11) bis(2-Chloroethyl)ether	6.59	93	732247	59.559	ng	# 23
18) Hexachloroethane	7.42	117	38822	8.326	ng	# 1
19) n-Nitroso-di-n-propylamine	7.31	70	67337	7.408	ng	# 70
22) Acetophenone	7.27	105	42524	2.257	ng	# 55
25) Isophorone	7.69	82	67386	2.637	ng	# 1
26) 2-Nitrophenol	7.78	139	8464	9.959	ng	# 1
31) Naphthalene	8.19	128	199793	5.311	ng	# 96
32) Benzoic acid	7.94	122	14084	10.319	ng	# 39
37) 2-Methylnaphthalene	8.87	142	112988	4.588	ng	# 100
47) 2-Nitroaniline	9.47	65	937	3.609	ng	# 8
49) Dimethylphthalate	9.63	163	159099	6.575	ng	# 96
51) Acenaphthene	9.95	154	128427	6.719	ng	# 97
53) 2,4-Dinitrophenol	9.96	184	137	8.087	ng	# 1
54) Dibenzofuran	10.12	168	112208	4.166	ng	# 71
55) 4-Nitrophenol	10.02	139	13153	6.707	ng	# 22
56) 2,4-Dinitrotoluene	10.12	165	6517	4.063	ng	# 44
57) Fluorene	10.47	166	145164	7.407	ng	# 97
64) 4,6-Dinitro-2-methylphenol	10.54	198	384	9.001	ng	# 1
65) n-Nitrosodiphenylamine	10.58	169	73359	5.088	ng	# 50
70) Phenanthrene	11.44	178	861328	37.837	ng	# 99
71) Anthracene	11.49	178	294013	12.698	ng	# 98
72) Carbazole	11.64	167	123696	5.453	ng	# 85
74) Fluoranthene	12.64	202	708252	30.923	ng	# 99
77) Pyrene	12.87	202	599021	42.015	ng	# 98
80) Benzo(a)anthracene	14.06	228	245489	21.469	ng	# 92
82) Chrysene	14.10	228	229585	19.918	ng	# 94
83) Bis(2-ethylhexyl)phthalate	14.04	149	20332	2.328	ng	# 41
85) Indeno(1,2,3-cd)pyrene	17.07	276	209883	21.954	ng	# 94
87) Benzo(b)fluoranthene	15.14	252	446694	27.078	ng	# 62
88) Benzo(k)fluoranthene	15.14	252	446694	28.340	ng	# 65
89) Benzo(a)pyrene	15.52	252	278859	18.780	ng	# 73

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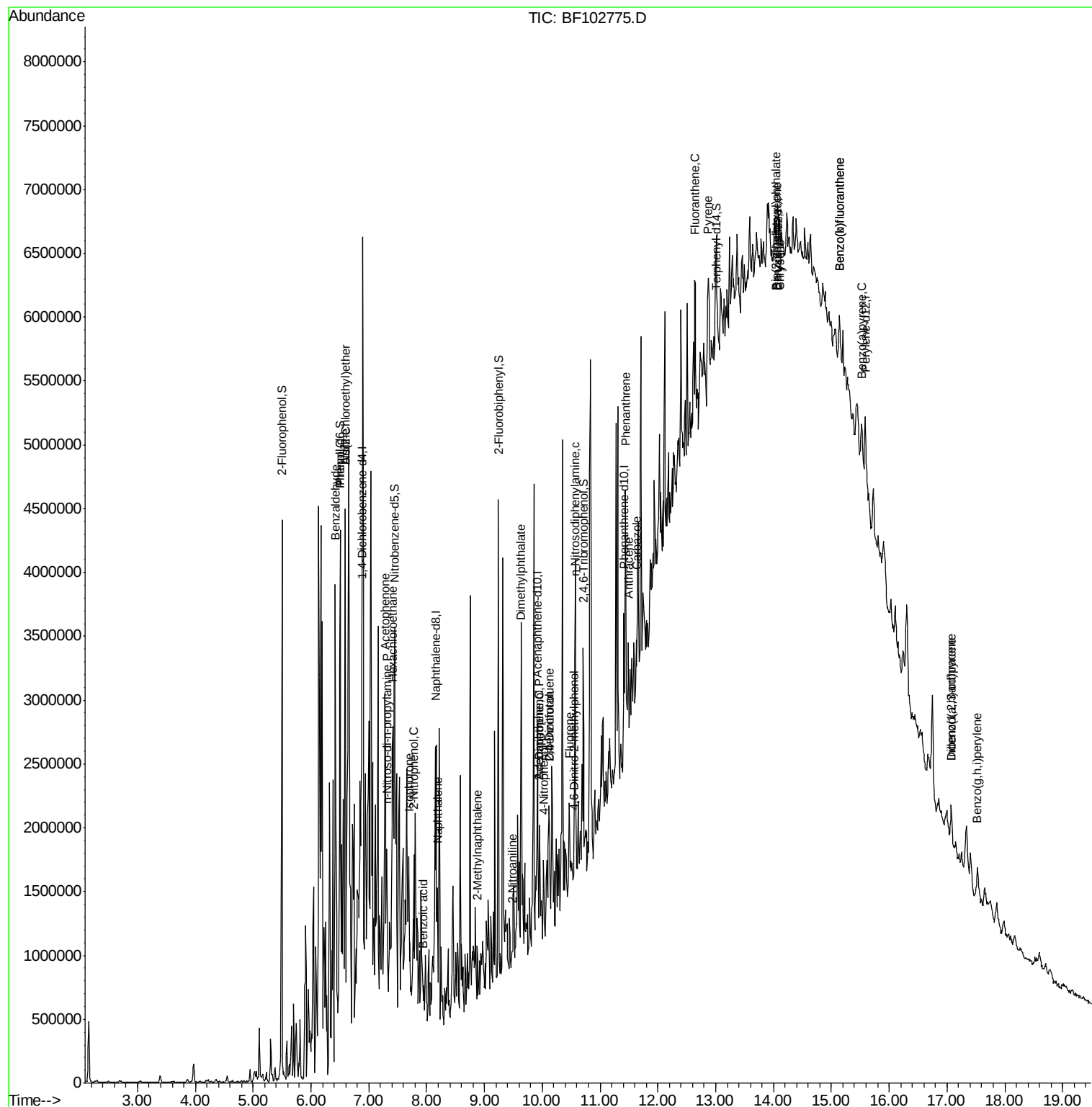
Quant Time: Feb 06 12:30:10 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration

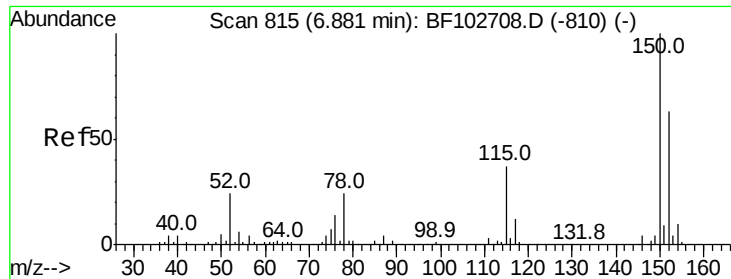
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Dibenzo(a,h)anthracene	17.08	278	53163	4.411	ng	# 54
91) Benzo(g,h,i)perylene	17.53	276	204036	17.296	ng	# 92

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

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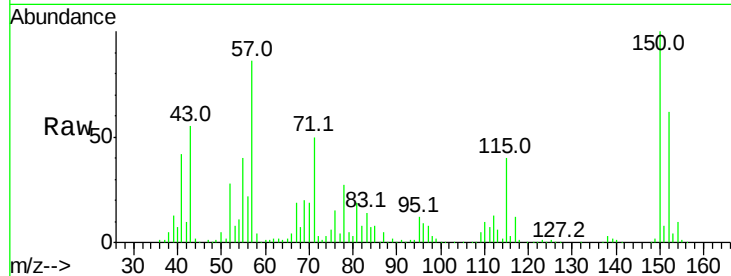




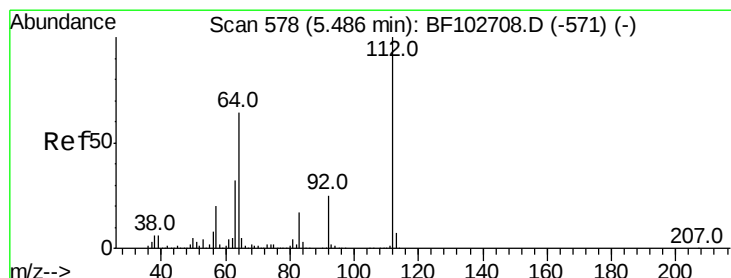
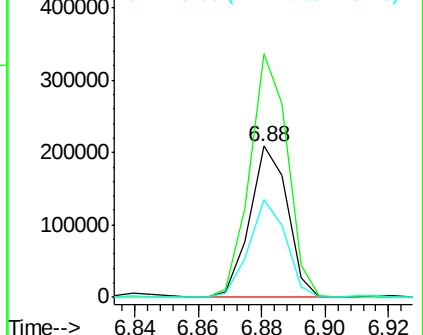
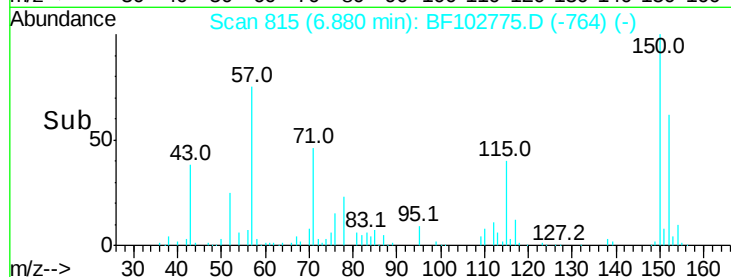
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102775.D
Acq: 6 Feb 2018 11:15

Tot Ion:152 Resp: 173889
Ion Ratio Lower Upper
152 100
150 161.2 124.6 186.8
115 64.5 50.1 75.1



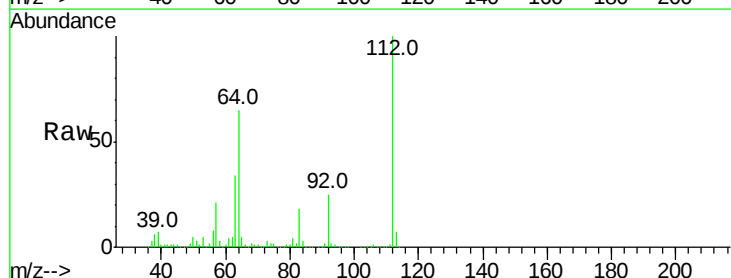
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



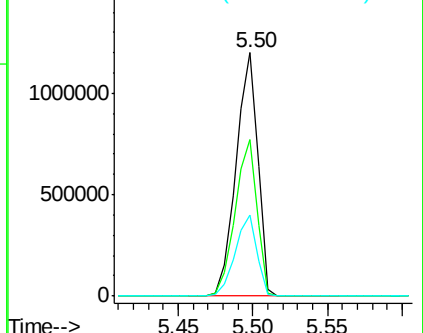
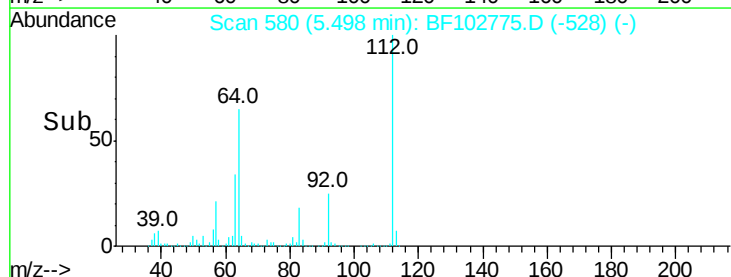
#5

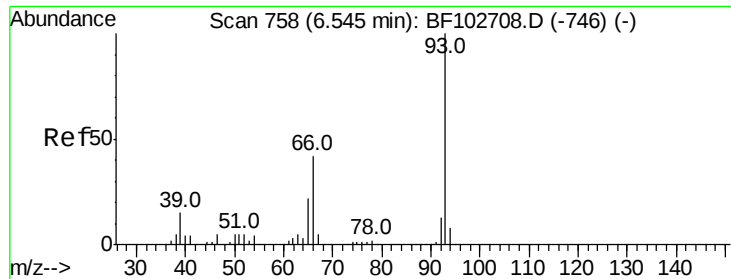
2-Fluorophenol
Concen: 107.222 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF102775.D
Acq: 6 Feb 2018 11:15

Tgt Ion:112 Resp: 1227703
Ion Ratio Lower Upper
112 100
64 64.5 47.9 71.9
63 33.5 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





#6

Aniline

Concen: 35.965 ng

RT: 6.59 min Scan# 766

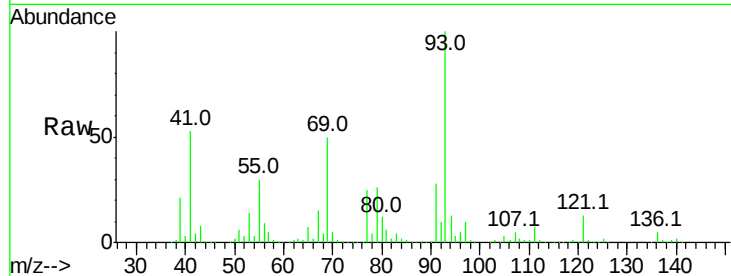
Delta R.T. 0.04 min

Lab File: BF102775.D

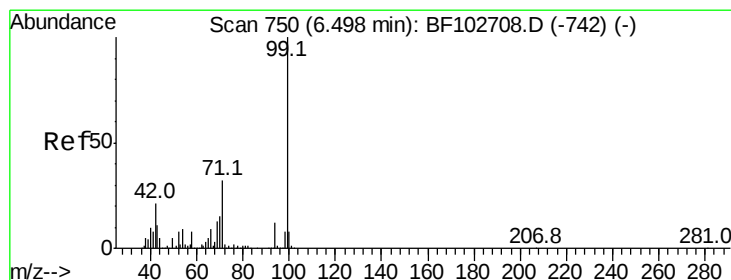
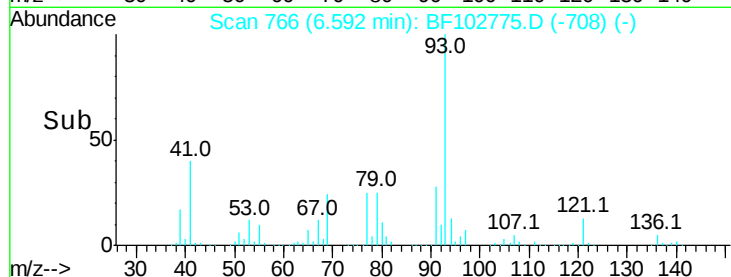
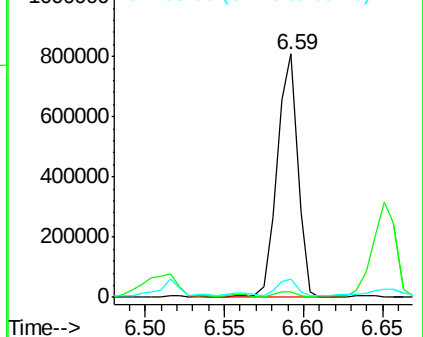
Acq: 6 Feb 2018 11:15

Tot Ion: 93 Resp: 732247

Ion	Ratio	Lower	Upper
93	100		
66	2.4	32.2	48.2#
65	7.4	16.4	24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 66.00 (65.70 to 66.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1



#7

Phenol-d6

Concen: 102.110 ng

RT: 6.51 min Scan# 752

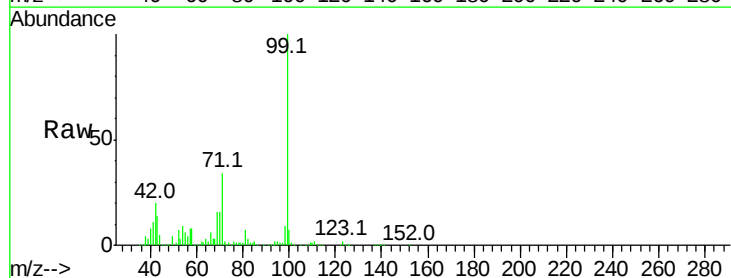
Delta R.T. 0.01 min

Lab File: BF102775.D

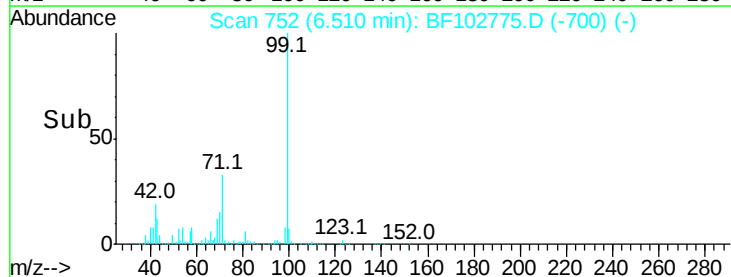
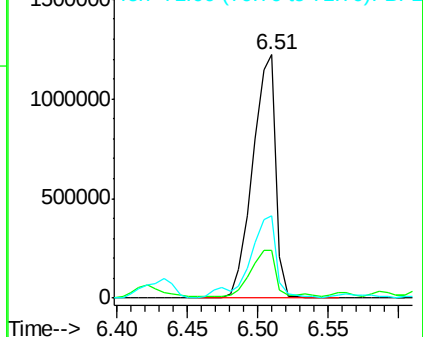
Acq: 6 Feb 2018 11:15

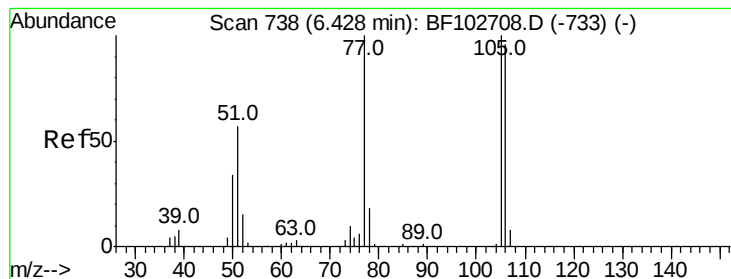
Tgt Ion: 99 Resp: 1407767

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	34.0	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: 3.071 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF102775.D

Acq: 6 Feb 2018 11:15

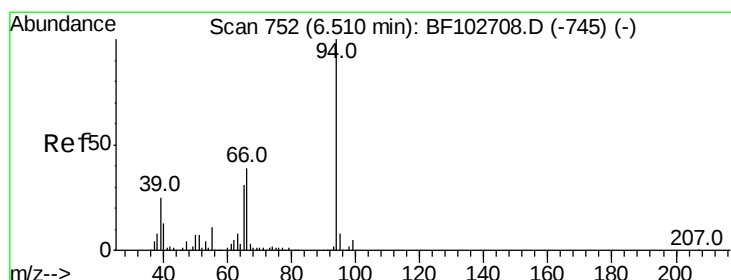
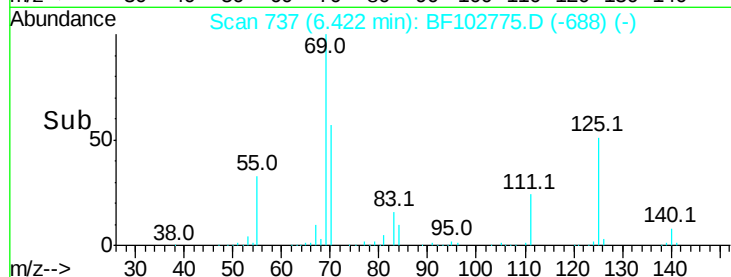
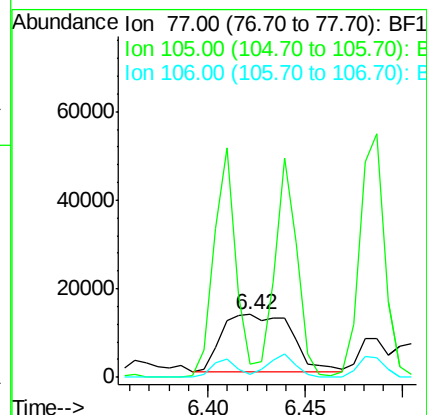
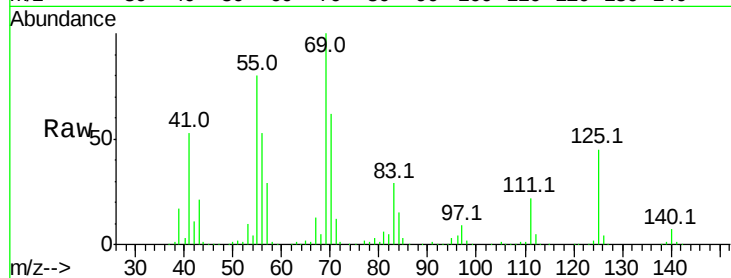
Tot Ion: 77 Resp: 31441

Ion Ratio Lower Upper

77 100

105 20.9 81.1 121.1#

106 4.3 74.5 114.5#



#10

Phenol

Concen: 7.906 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF102775.D

Acq: 6 Feb 2018 11:15

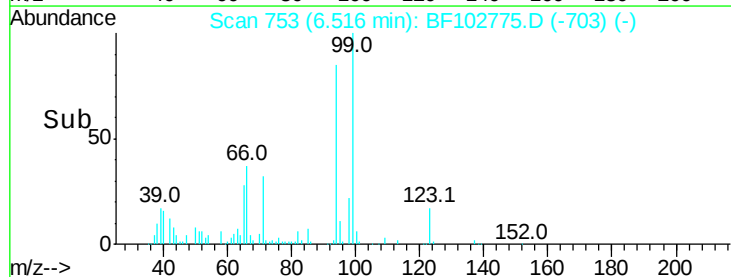
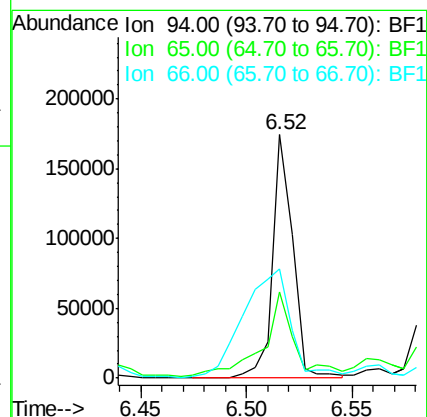
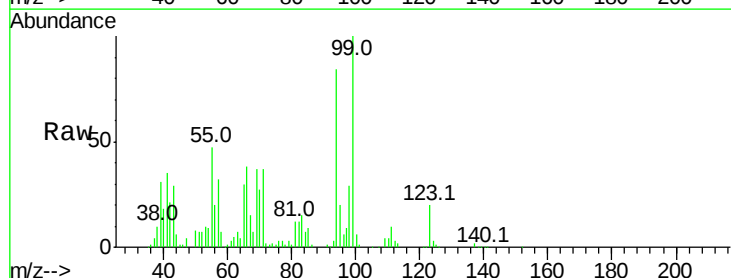
Tgt Ion: 94 Resp: 116807

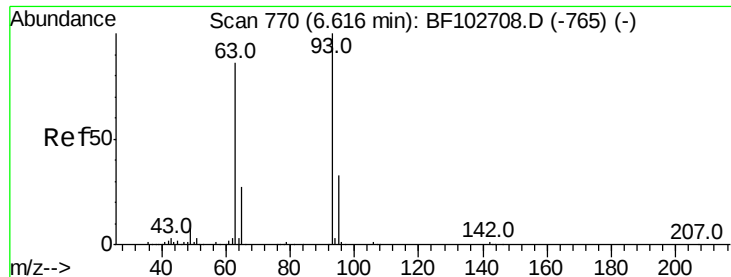
Ion Ratio Lower Upper

94 100

65 35.3 7.9 47.9

66 44.8 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 59.559 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.03 min

Lab File: BF102775.D

Acq: 6 Feb 2018 11:15

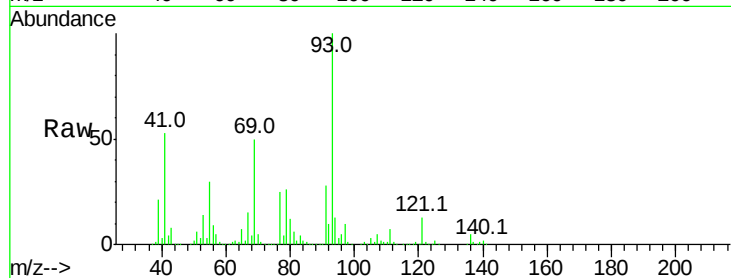
Tot Ion: 93 Resp: 732247

Ion Ratio Lower Upper

93 100

63 2.2 58.6 98.6#

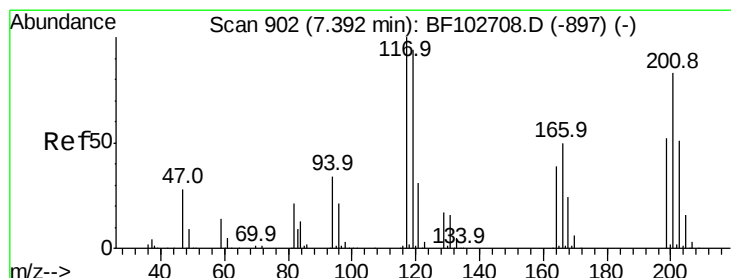
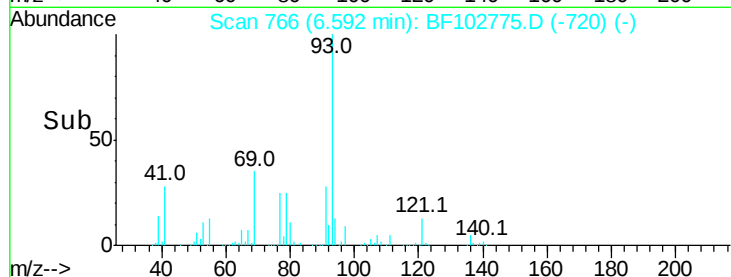
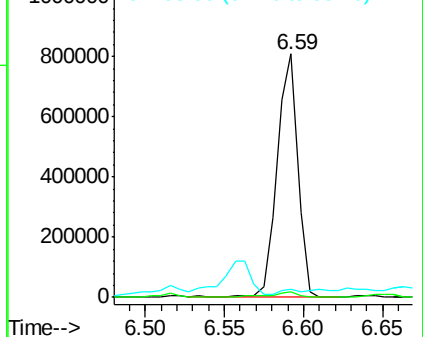
95 3.1 11.8 51.8#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#18

Hexachloroethane

Concen: 8.326 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.02 min

Lab File: BF102775.D

Acq: 6 Feb 2018 11:15

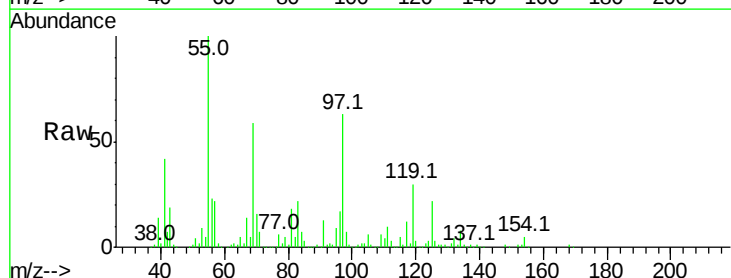
Tgt Ion: 117 Resp: 38822

Ion Ratio Lower Upper

117 100

119 253.5 75.8 113.8#

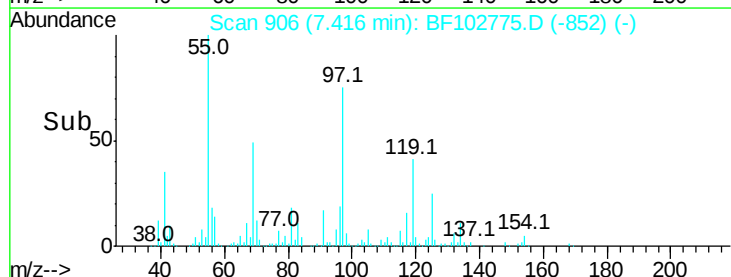
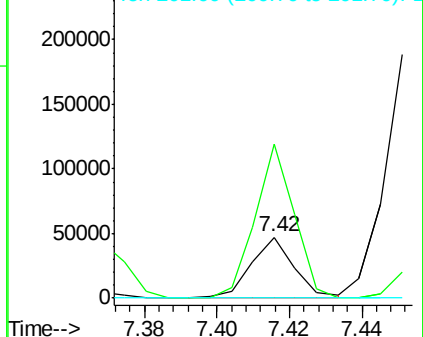
201 0.0 75.7 113.5#

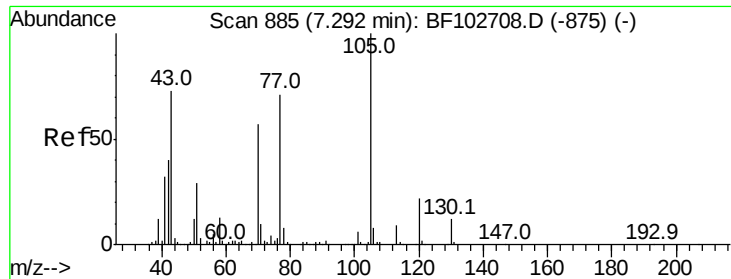


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

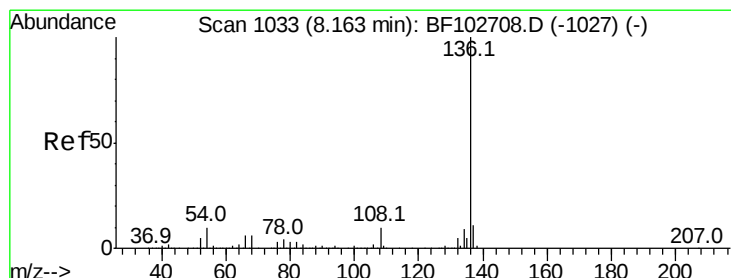
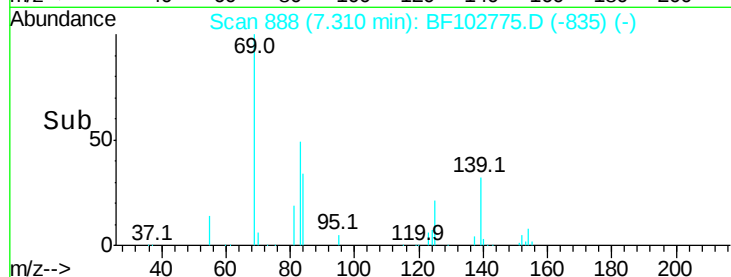
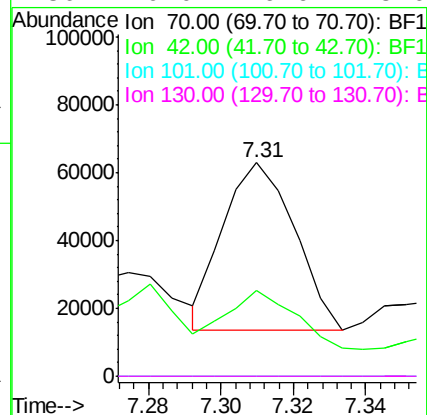
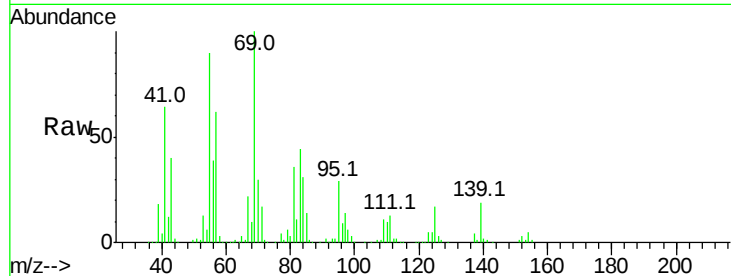
Ion 201.00 (200.70 to 201.70): E





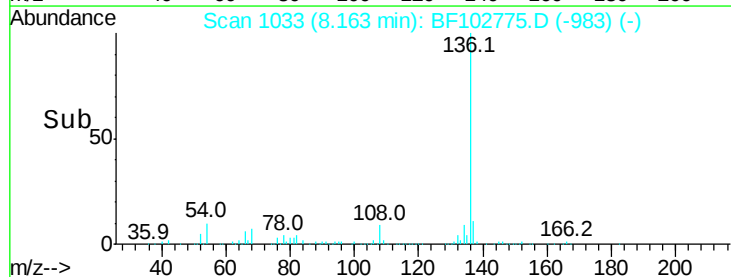
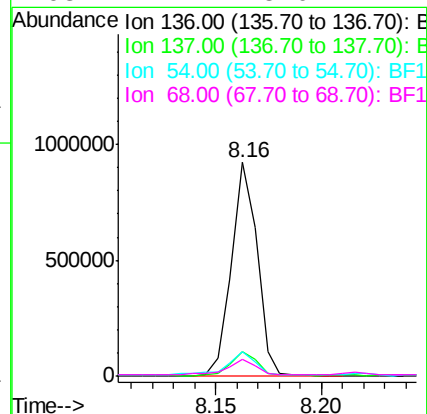
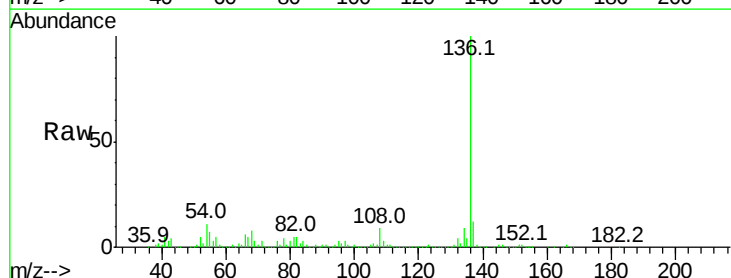
#19
n-Nitroso-di-n-propylamine
Concen: 7.408 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF102775.D
Acq: 6 Feb 2018 11:15

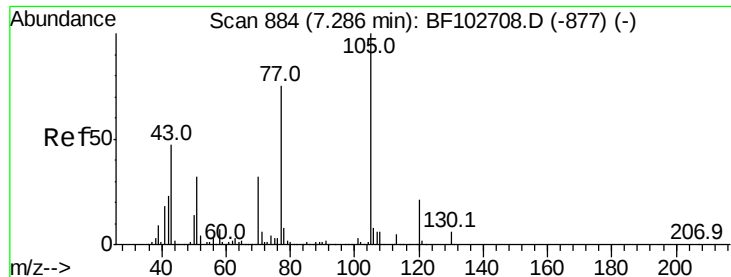
Tot Ion: 70 Resp: 67337
Ion Ratio Lower Upper
70 100
42 40.3 47.5 71.3#
101 0.0 7.4 11.2#
130 0.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF102775.D
Acq: 6 Feb 2018 11:15

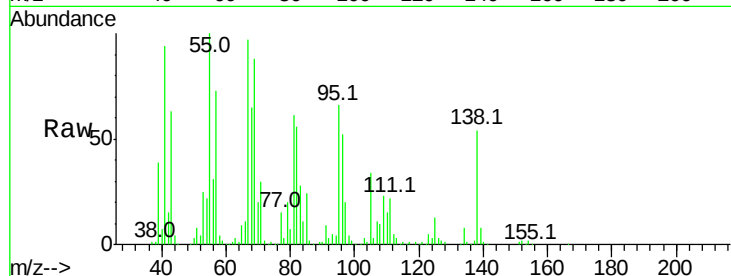
Tgt Ion:136 Resp: 769957
Ion Ratio Lower Upper
136 100
137 11.6 8.9 13.3
54 11.2 6.6 9.8#
68 7.7 5.0 7.4#





#22
Acetophenone
Concen: 2.257 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF102775.D
Acq: 6 Feb 2018 11:15

Tot Ion:105 Resp: 42524
Ion Ratio Lower Upper
105 100
71 87.6 4.4 6.6#
51 23.9 22.3 33.5
120 0.9 16.9 25.3#

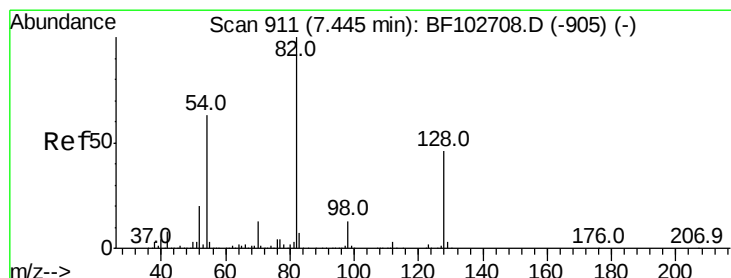
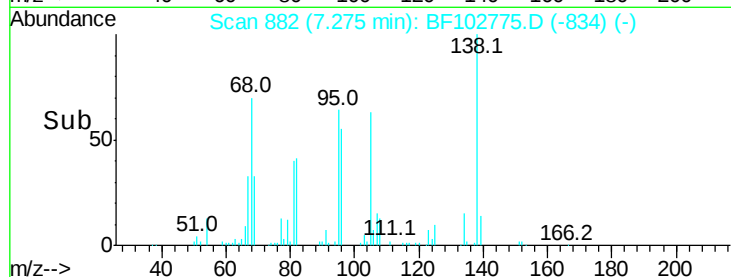
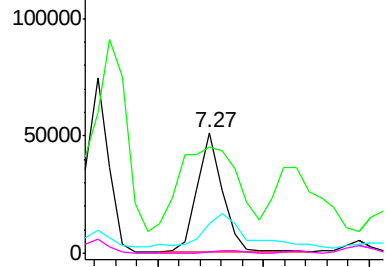


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

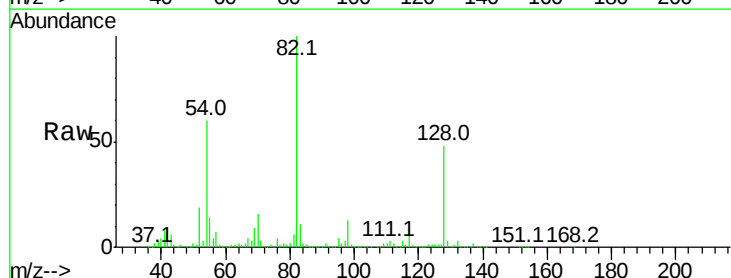
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23
Nitrobenzene-d5
Concen: 72.354 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102775.D
Acq: 6 Feb 2018 11:15

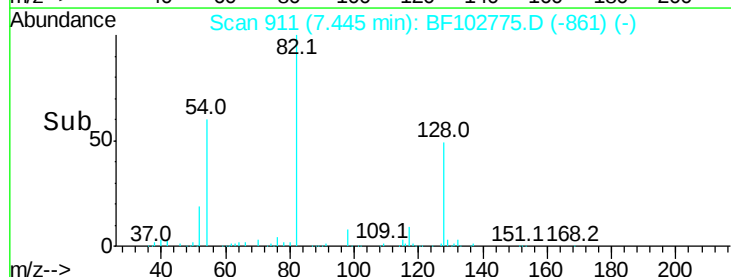
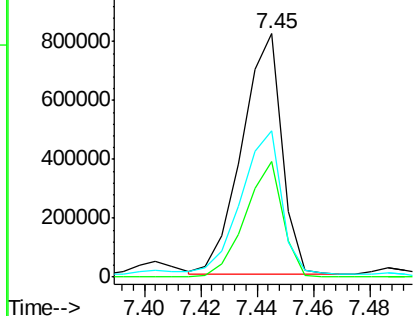
Tgt Ion: 82 Resp: 803075
Ion Ratio Lower Upper
82 100
128 47.6 36.1 54.1
54 59.9 41.4 62.2

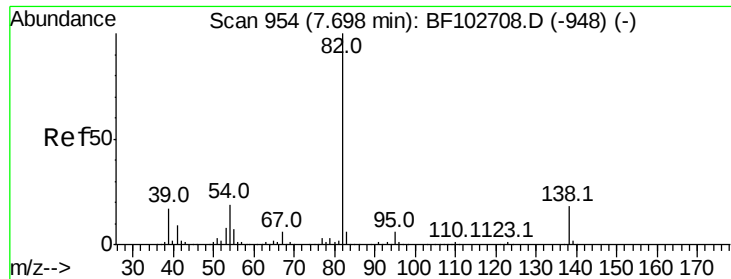


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 2.637 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF102775.D

Acq: 6 Feb 2018 11:15

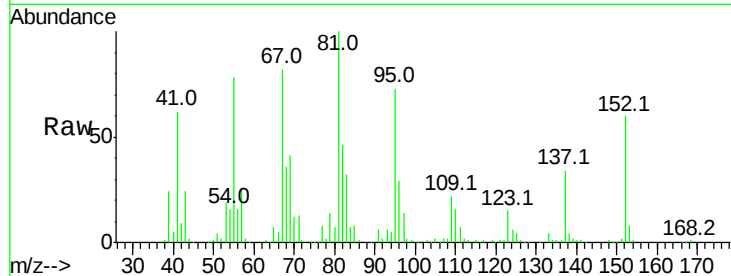
Tot Ion: 82 Resp: 67386

Ion Ratio Lower Upper

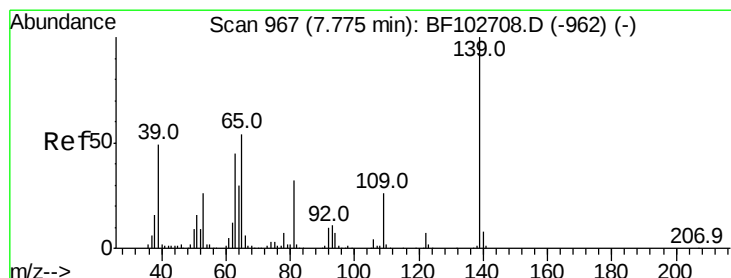
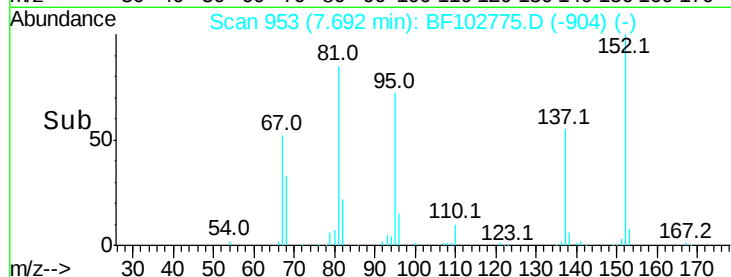
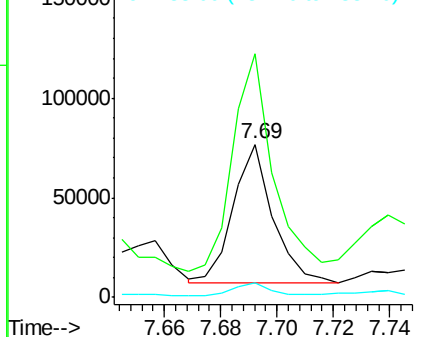
82 100

95 159.4 5.2 7.8#

138 9.2 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: 9.959 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF102775.D

Acq: 6 Feb 2018 11:15

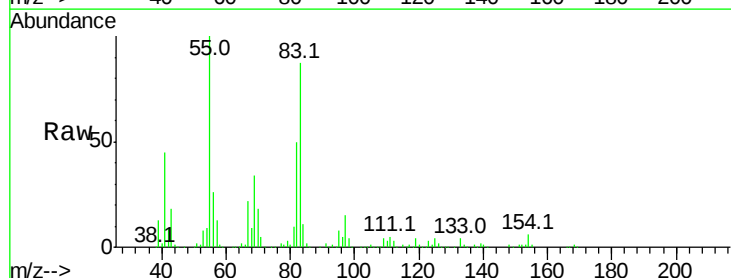
Tgt Ion: 139 Resp: 8464

Ion Ratio Lower Upper

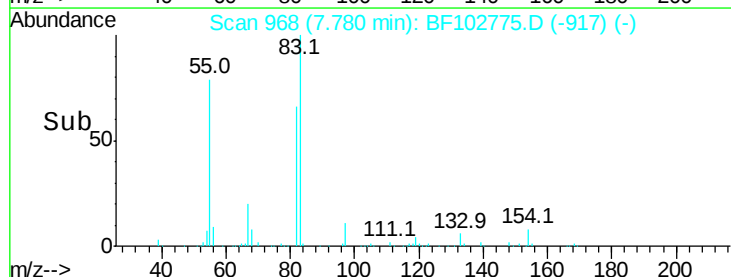
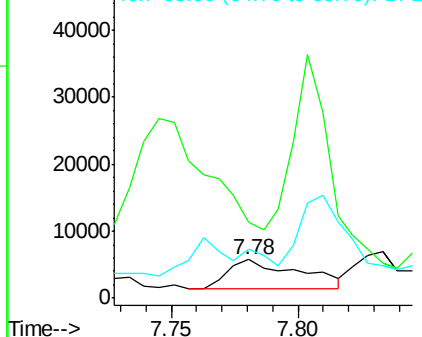
139 100

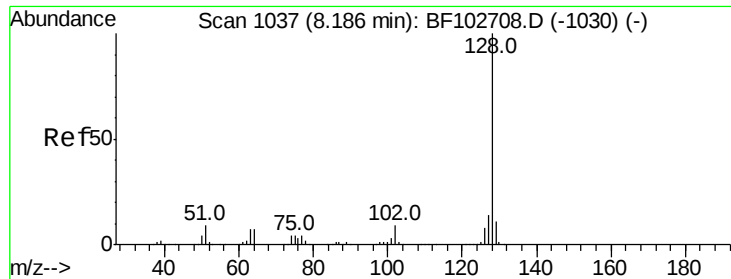
109 197.7 22.7 34.1#

65 128.0 40.5 60.7#



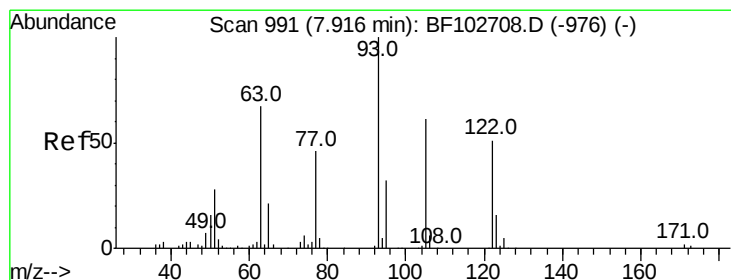
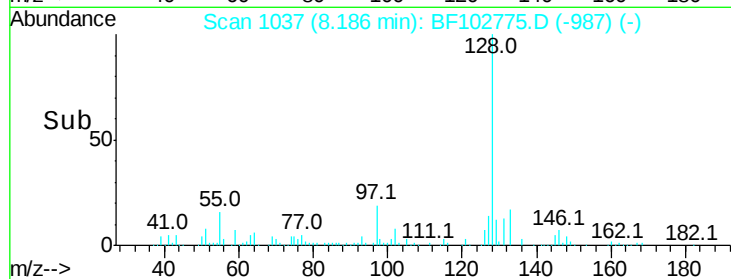
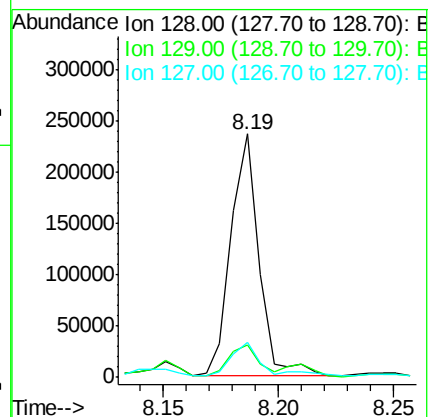
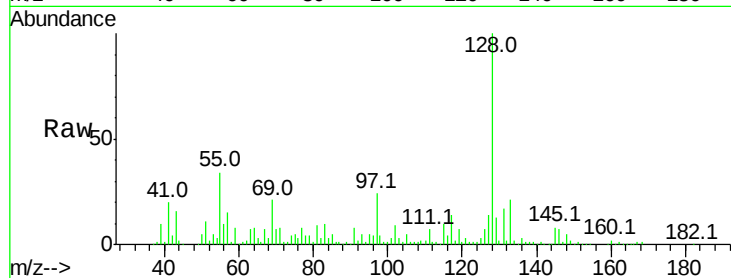
Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





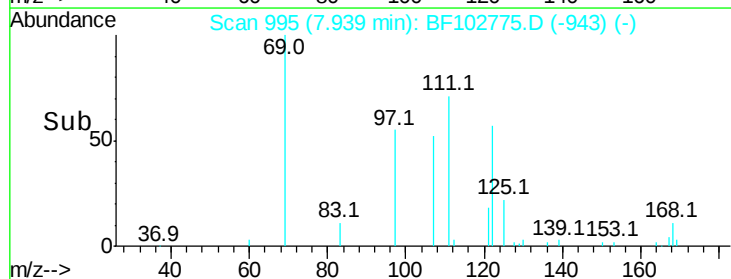
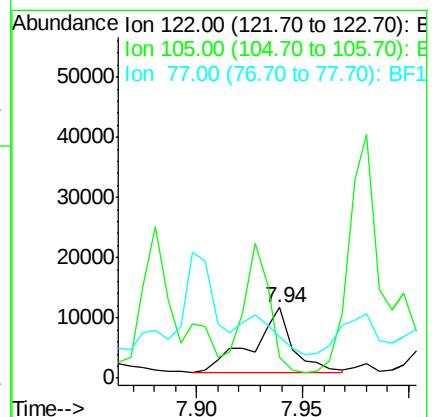
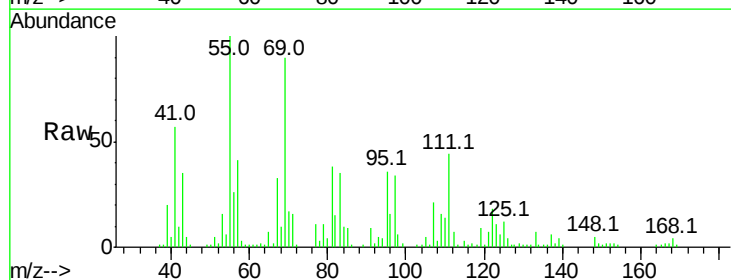
#31
Naphthalene
Concen: 5.311 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF102775.D
Acq: 6 Feb 2018 11:15

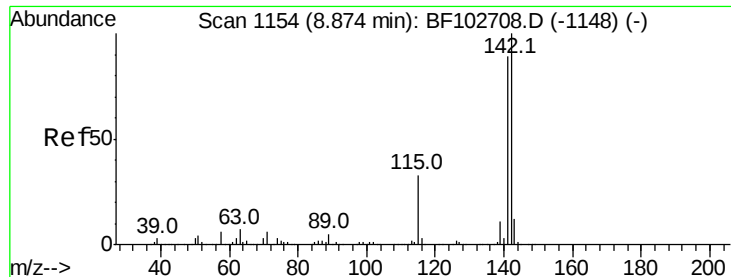
Tot Ion	Ratio	Lower	Upper
128	100		
129	13.5	8.8	13.2#
127	14.3	10.9	16.3



#32
Benzoic acid
Concen: 10.319 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.01 min
Lab File: BF102775.D
Acq: 6 Feb 2018 11:15

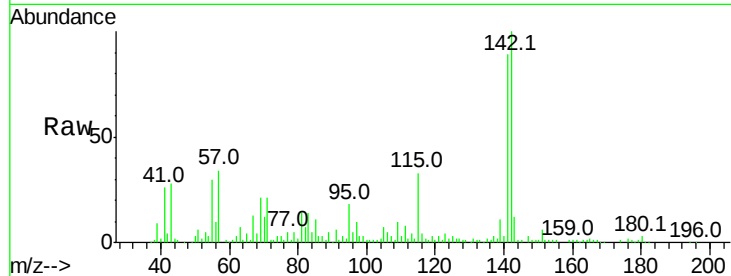
Tgt Ion	Ratio	Lower	Upper
122	100		
105	29.5	101.1	141.1#
77	58.4	70.7	110.7#



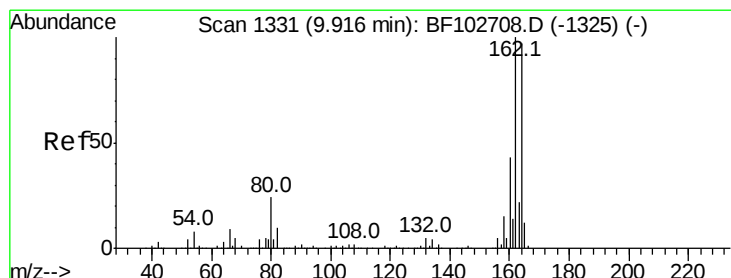
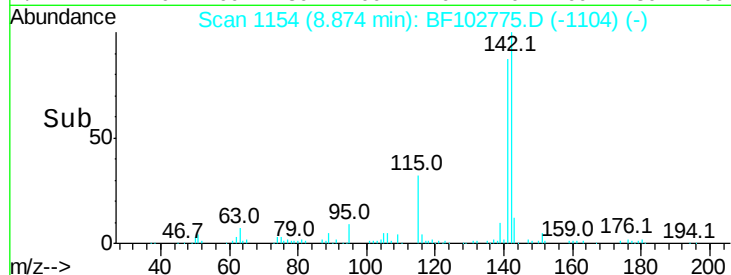
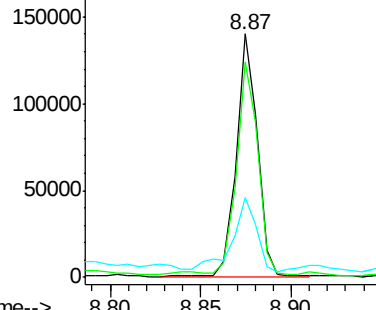


#37
2-Methylnaphthalene
Concen: 4.588 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF102775.D
Acq: 6 Feb 2018 11:15

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.8	106.2
115	32.9	26.1	39.1

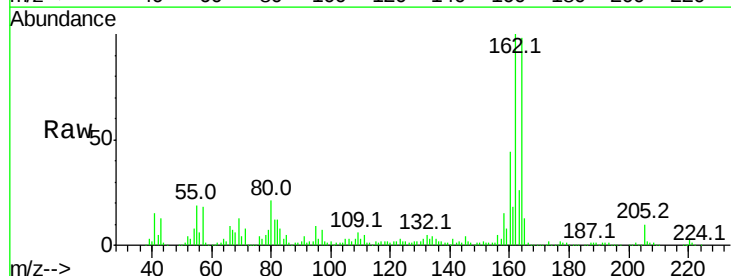


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

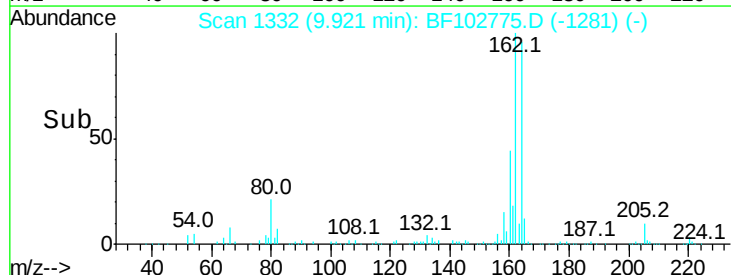
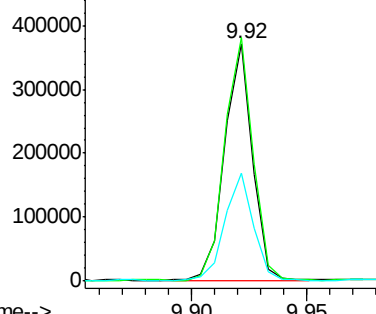


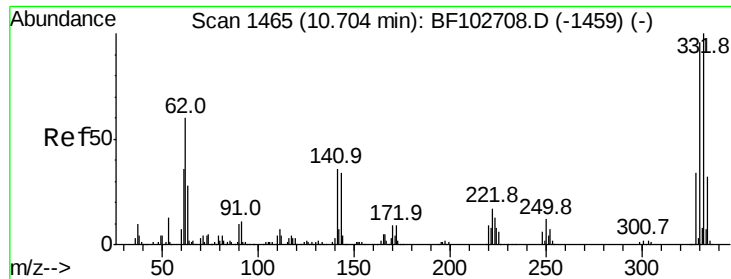
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF102775.D
Acq: 6 Feb 2018 11:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	86.1	129.1
160	45.2	38.3	57.5



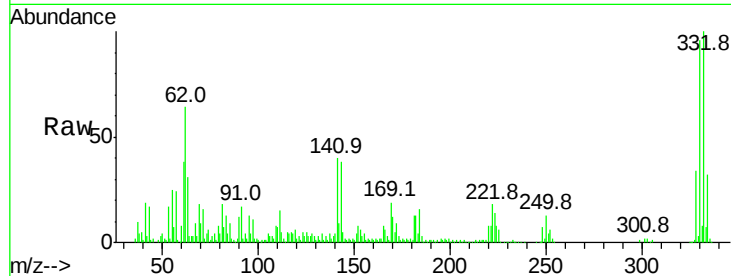
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



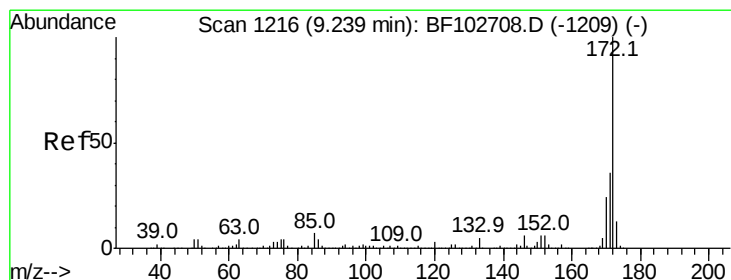
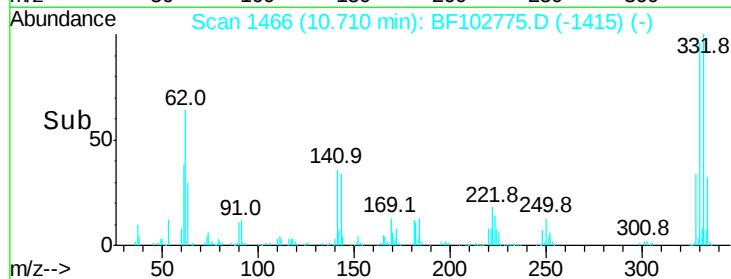
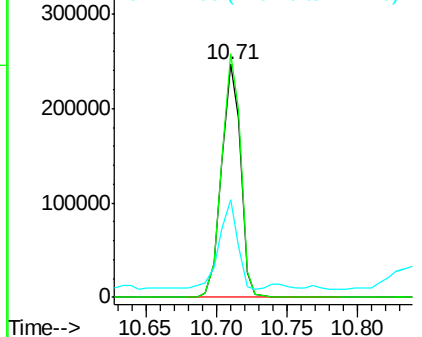


#41
 2,4,6-Tribromophenol
 Concen: 92.604 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF102775.D
 Acq: 6 Feb 2018 11:15

Tot Ion	Ratio	Lower	Upper
330	100		
332	103.5	77.0	115.6
141	36.7	29.9	44.9

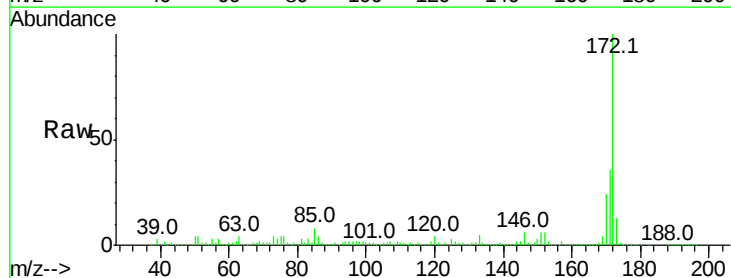


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

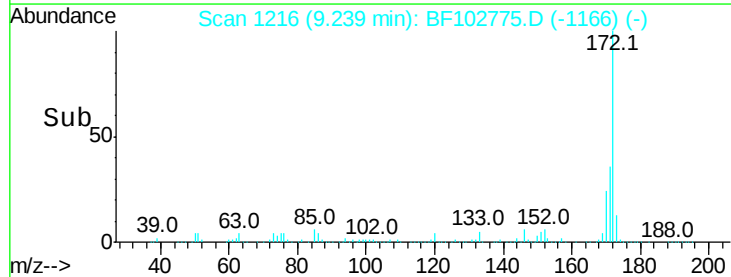
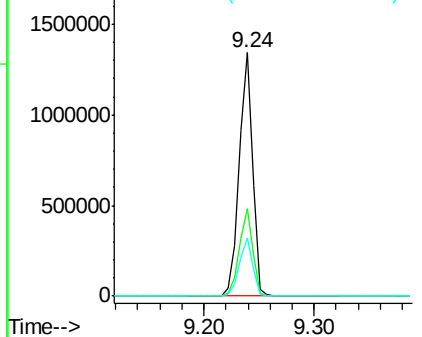


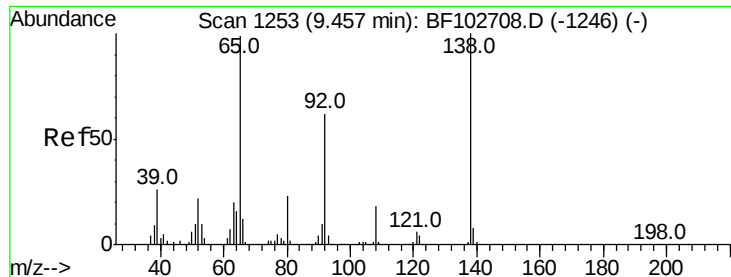
#44
 2-Fluorobiphenyl
 Concen: 61.531 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102775.D
 Acq: 6 Feb 2018 11:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.0	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: 3.609 ng

RT: 9.47 min Scan# 1256

Delta R.T. 0.01 min

Lab File: BF102775.D

Acq: 6 Feb 2018 11:15

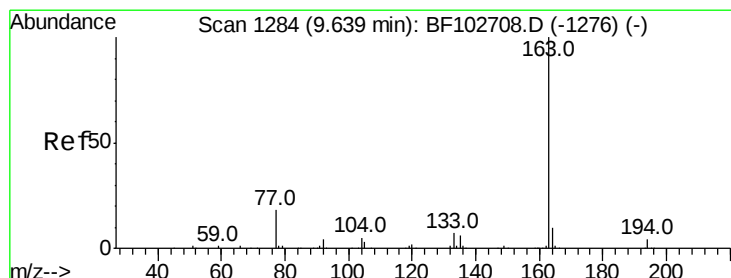
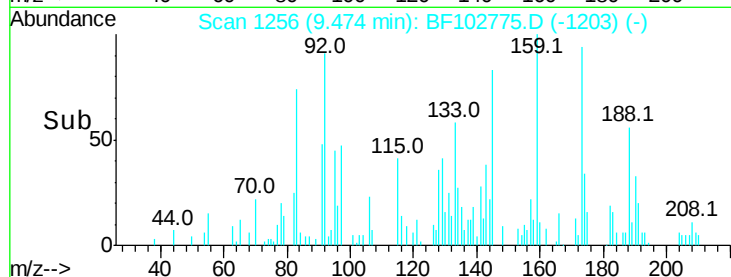
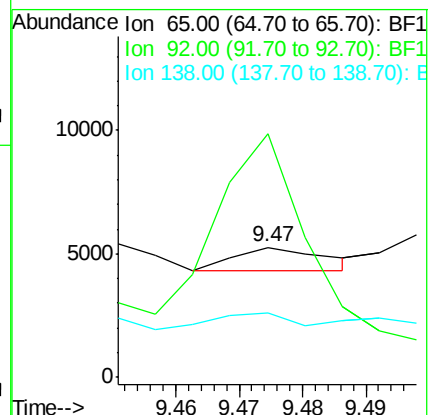
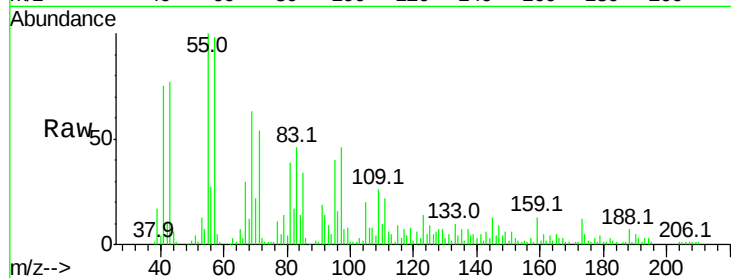
Tot Ion: 65 Resp: 937

Ion Ratio Lower Upper

65 100

92 187.1 55.8 83.6#

138 49.4 91.2 136.8#



#49

Dimethylphthalate

Concen: 6.575 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF102775.D

Acq: 6 Feb 2018 11:15

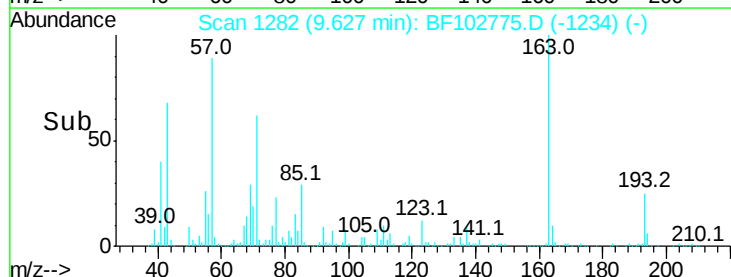
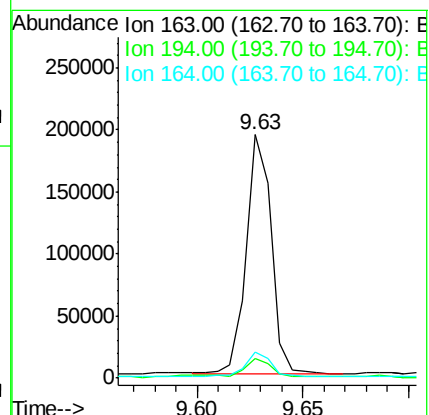
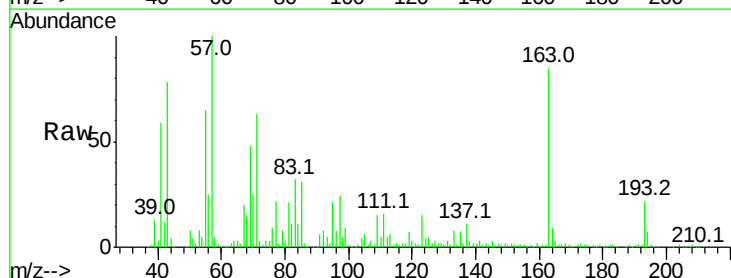
Tgt Ion: 163 Resp: 159099

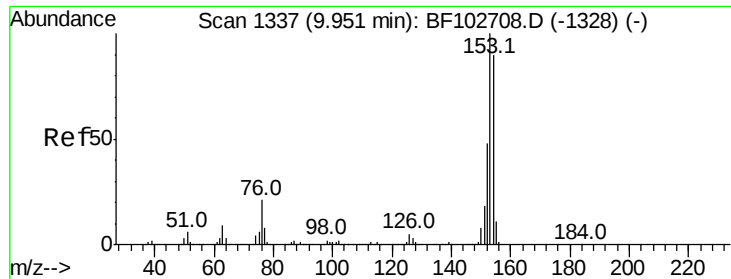
Ion Ratio Lower Upper

163 100

194 7.8 2.7 4.1#

164 10.5 8.2 12.2





#51

Acenaphthene

Concen: 6.719 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF102775.D

Acq: 6 Feb 2018 11:15

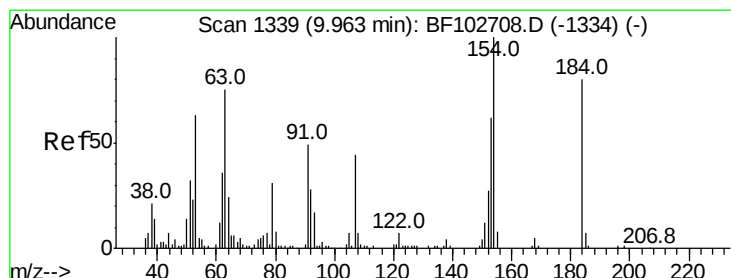
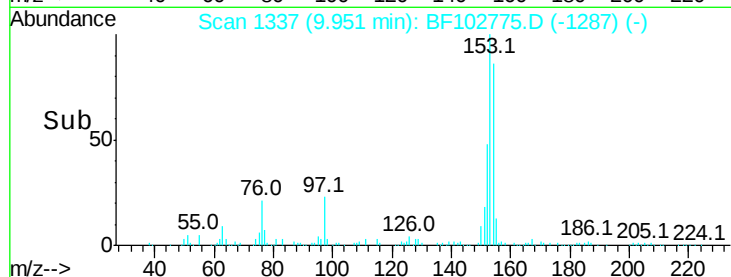
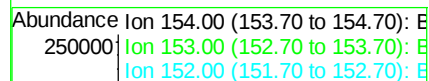
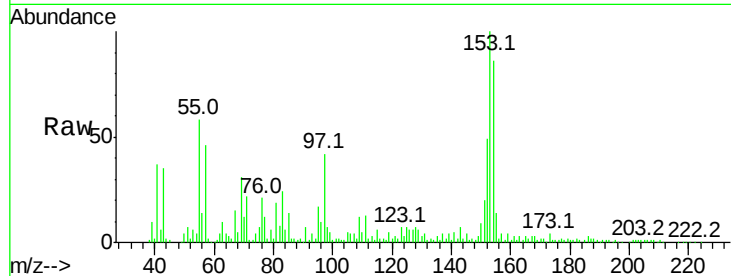
Tot Ion:154 Resp: 128427

Ion Ratio Lower Upper

154 100

153 116.7 91.2 136.8

152 57.0 43.8 65.8



#53

2,4-Dinitrophenol

Concen: 8.087 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.02 min

Lab File: BF102775.D

Acq: 6 Feb 2018 11:15

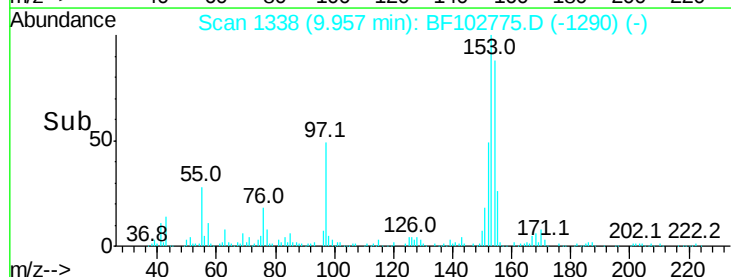
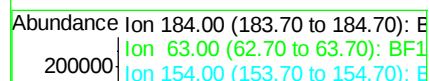
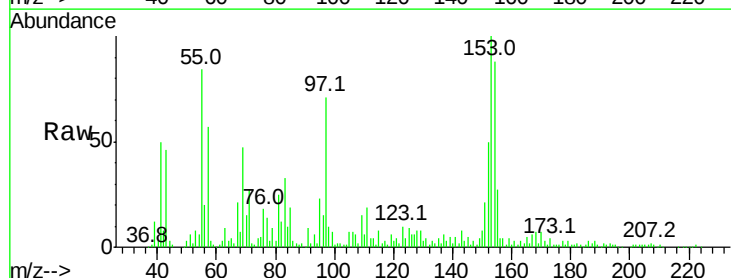
Tgt Ion:184 Resp: 137

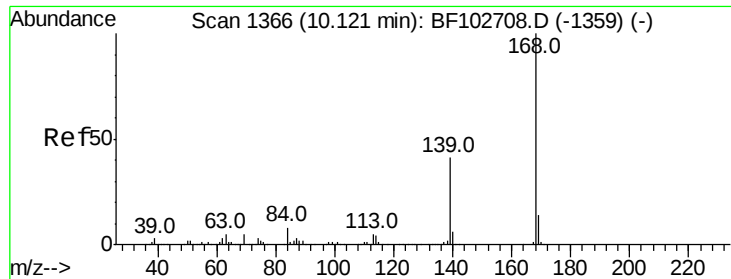
Ion Ratio Lower Upper

184 100

63 3217.0 54.2 81.2#

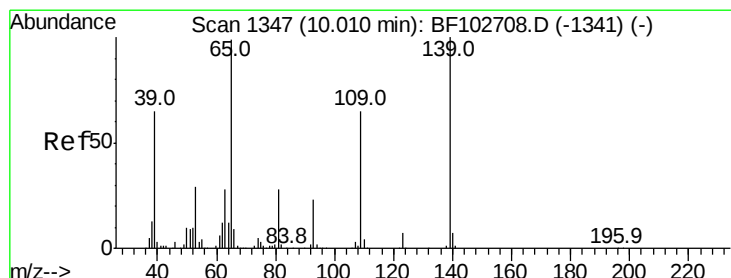
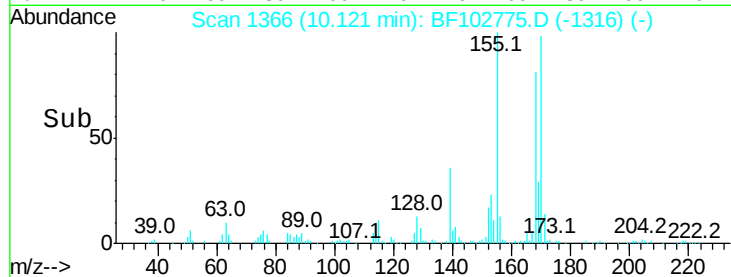
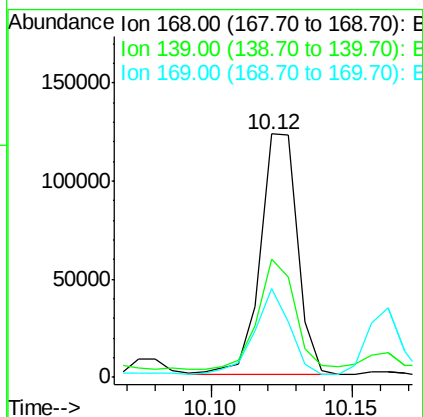
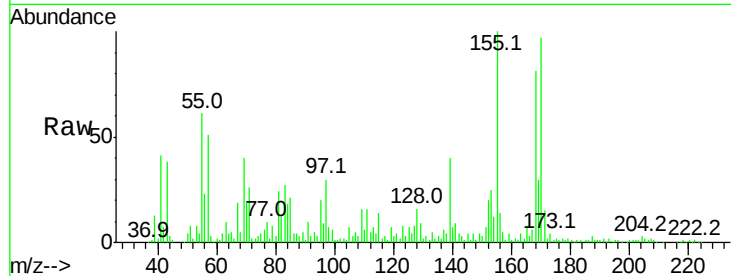
154 31744.3 184.0 276.0#





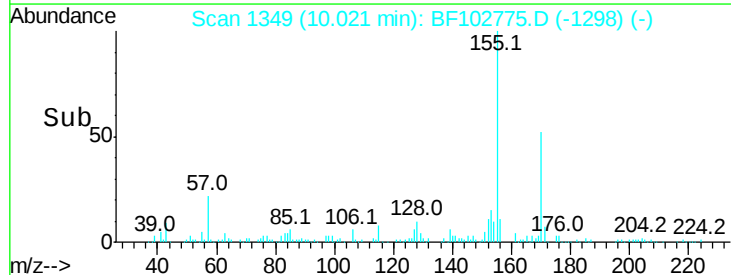
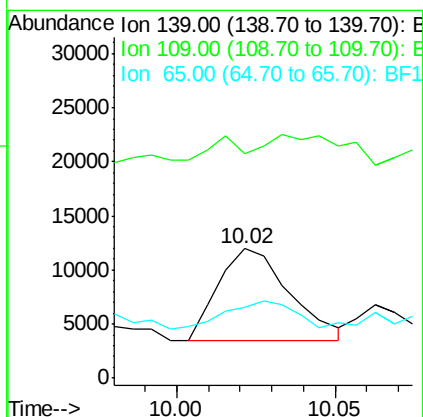
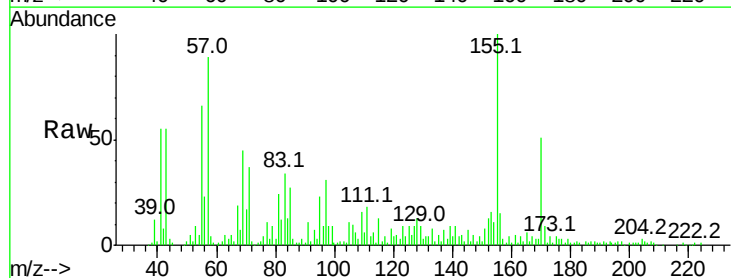
#54
Dibenzofuran
Concen: 4.166 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF102775.D
Acq: 6 Feb 2018 11:15

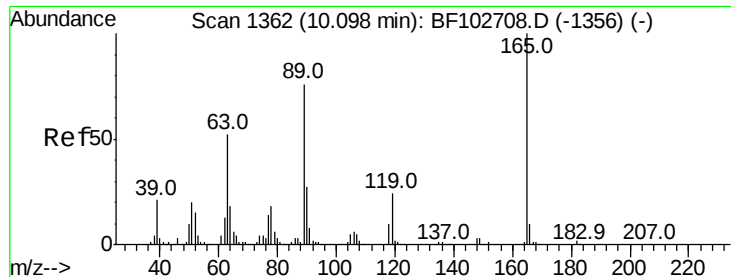
Tot Ion	Ratio	Lower	Upper
168	100		
139	48.8	30.1	45.1#
169	36.3	10.9	16.3#



#55
4-Nitrophenol
Concen: 6.707 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF102775.D
Acq: 6 Feb 2018 11:15

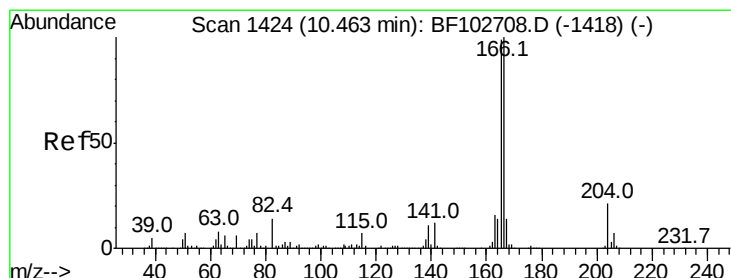
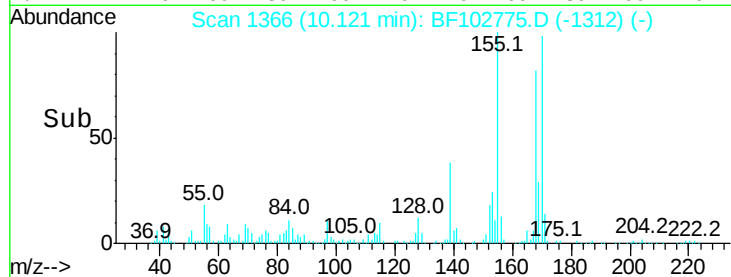
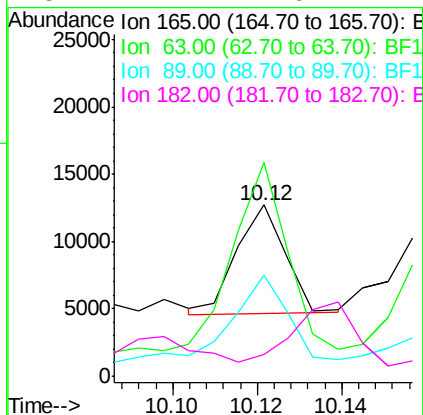
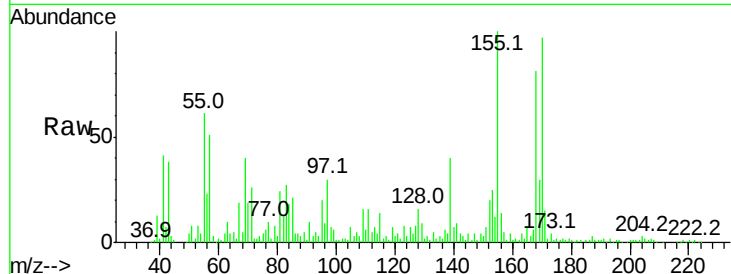
Tgt Ion	Ratio	Lower	Upper
139	100		
109	173.4	48.4	88.4#
65	54.7	72.6	112.6#





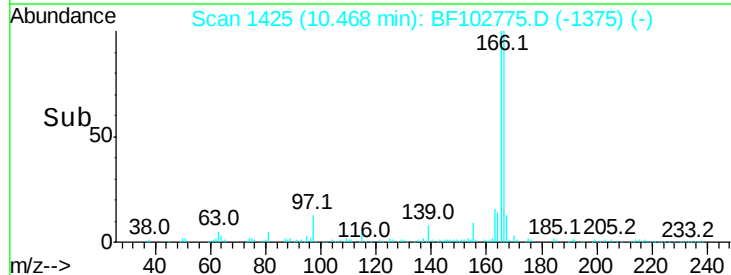
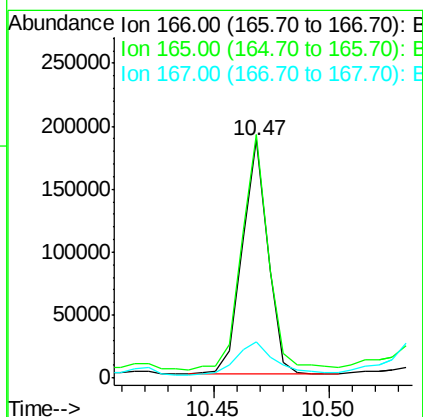
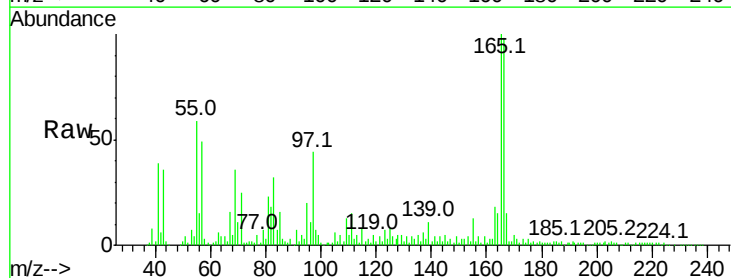
#56
2,4-Dinitrotoluene
Concen: 4.063 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.02 min
Lab File: BF102775.D
Acq: 6 Feb 2018 11:15

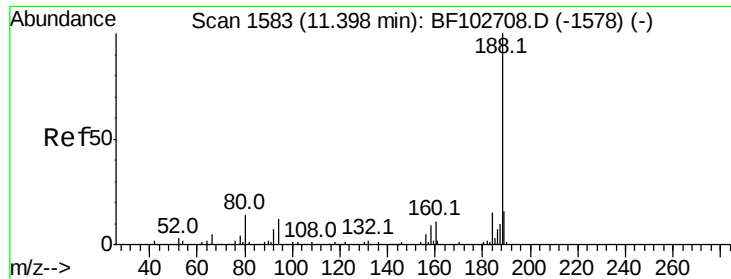
Tot Ion:165 Resp: 6517
Ion Ratio Lower Upper
165 100
63 124.6 36.4 54.6#
89 59.3 57.8 86.6
182 12.7 1.6 2.4#



#57
Fluorene
Concen: 7.407 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF102775.D
Acq: 6 Feb 2018 11:15

Tgt Ion:166 Resp: 145164
Ion Ratio Lower Upper
166 100
165 102.3 79.8 119.8
167 15.0 10.6 16.0





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BF102775.D

Acq: 6 Feb 2018 11:15

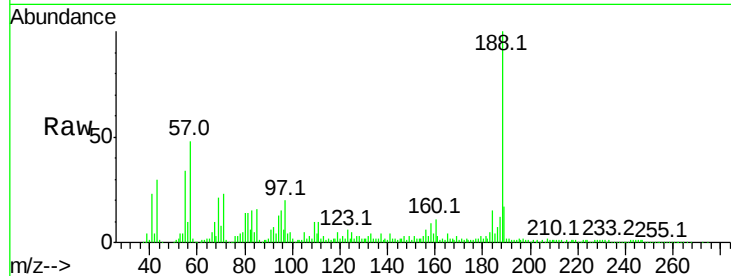
Tot Ion:188 Resp: 408742

Ion Ratio Lower Upper

188 100

94 12.8 8.5 12.7#

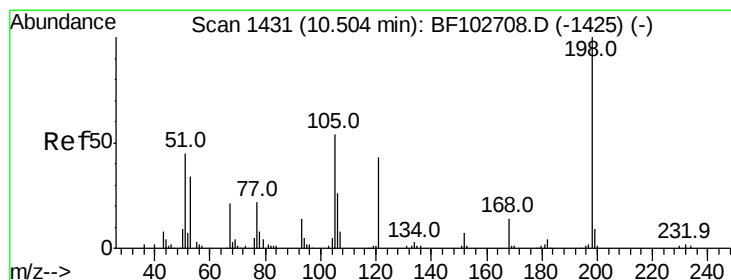
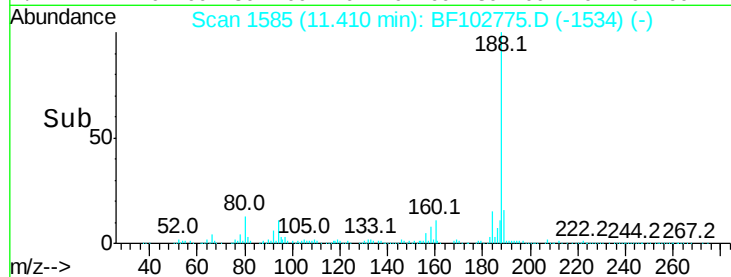
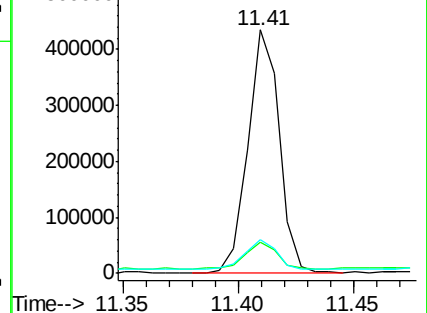
80 14.1 9.2 13.8#



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: 9.001 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.02 min

Lab File: BF102775.D

Acq: 6 Feb 2018 11:15

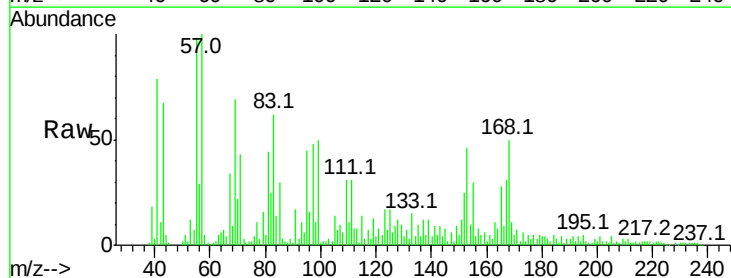
Tgt Ion:198 Resp: 384

Ion Ratio Lower Upper

198 100

51 574.1 37.7 77.7#

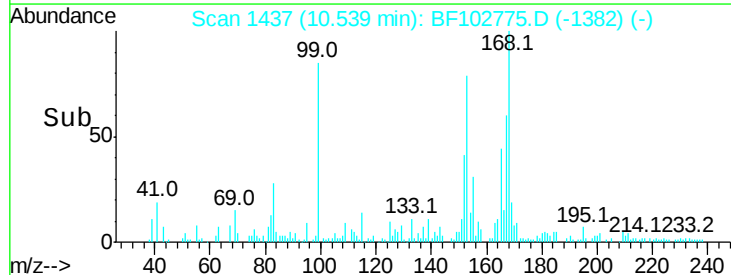
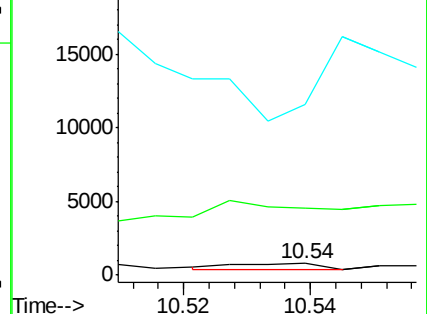
105 1470.4 36.3 76.3#

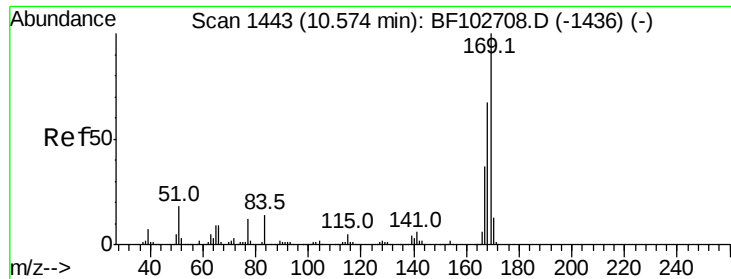


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

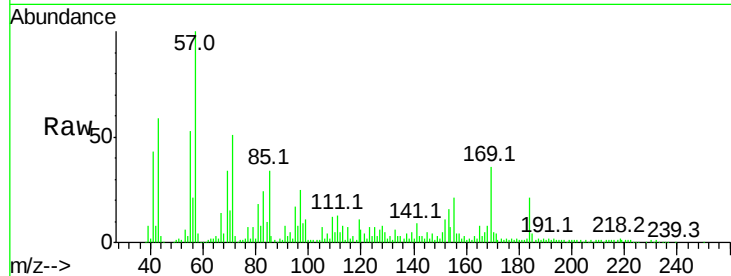
Ion 105.00 (104.70 to 105.70): E



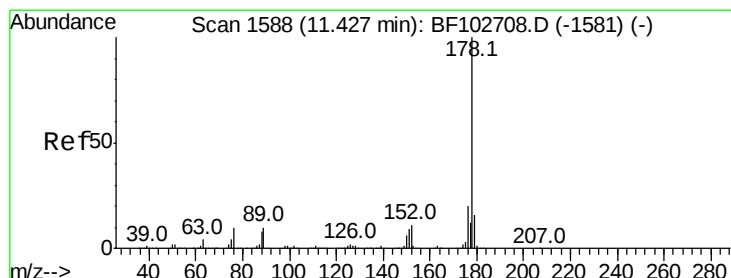
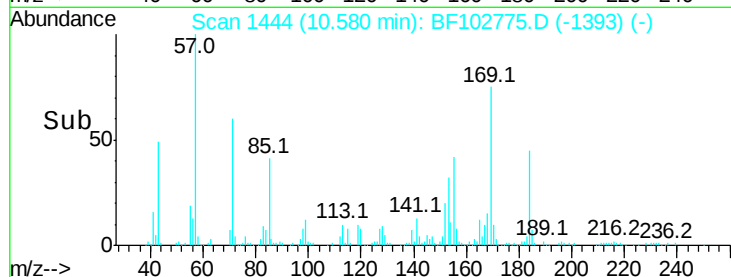
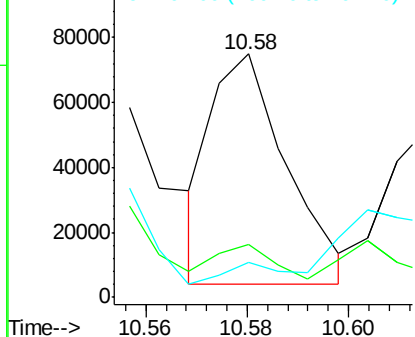


#65
n-Nitrosodiphenylamine
Concen: 5.088 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BF102775.D
Acq: 6 Feb 2018 11:15

Tot Ion:169 Resp: 73359
Ion Ratio Lower Upper
169 100
168 21.9 54.4 81.6#
167 14.6 29.8 44.6#

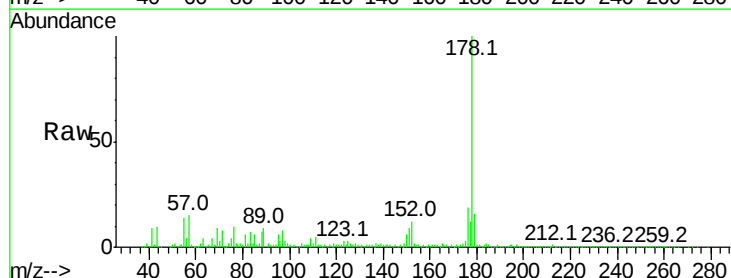


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

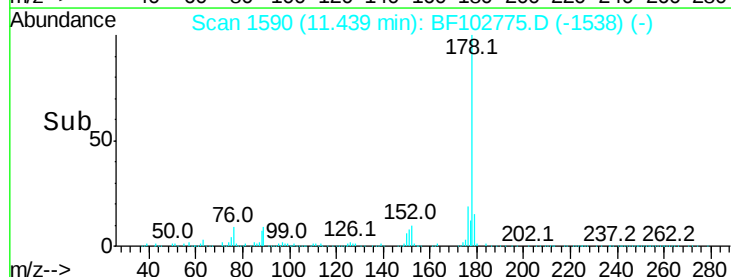
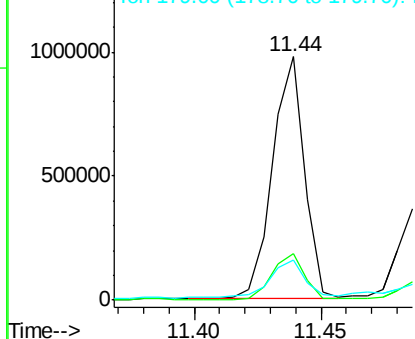


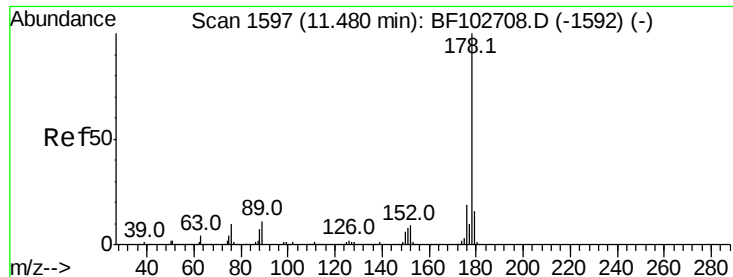
#70
Phenanthrene
Concen: 37.837 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.01 min
Lab File: BF102775.D
Acq: 6 Feb 2018 11:15

Tgt Ion:178 Resp: 861328
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.8
179 16.3 13.0 19.6



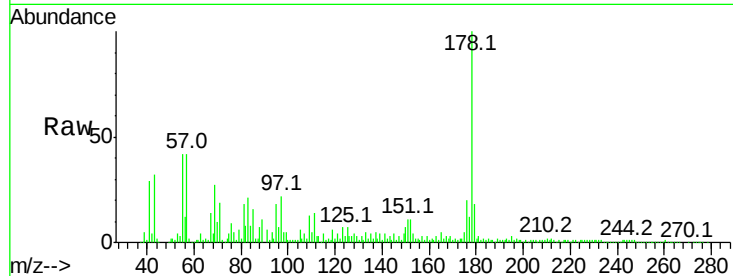
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



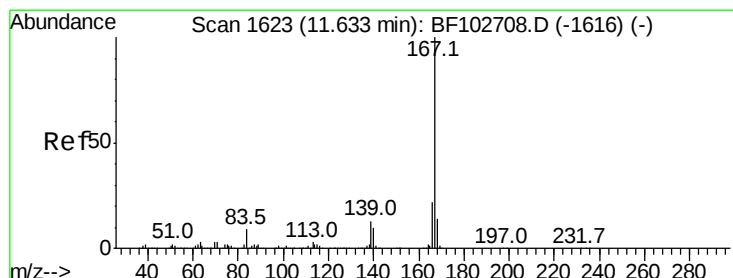
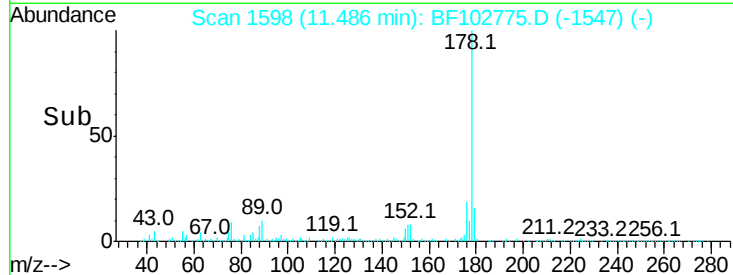
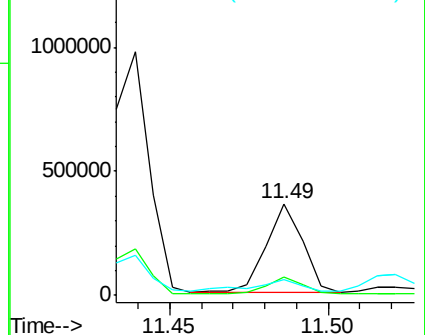


#71
 Anthracene
 Concen: 12.698 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF102775.D
 Acq: 6 Feb 2018 11:15

Tot Ion:178 Resp: 294013
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.2
 179 17.6 12.6 19.0

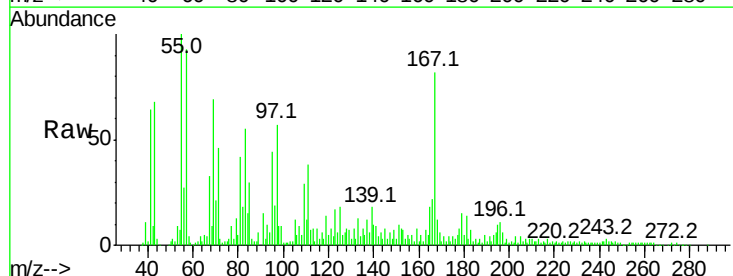


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

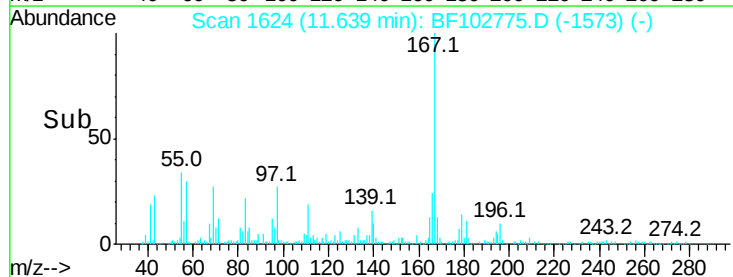
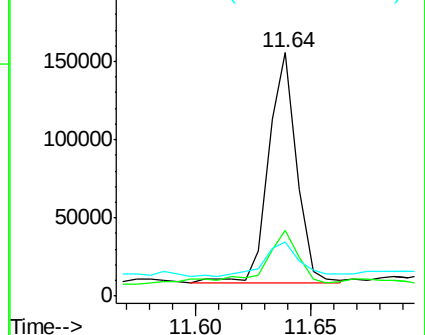


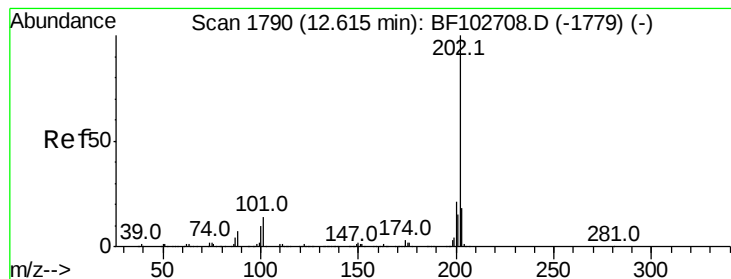
#72
 Carbazole
 Concen: 5.453 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF102775.D
 Acq: 6 Feb 2018 11:15

Tgt Ion:167 Resp: 123696
 Ion Ratio Lower Upper
 167 100
 166 27.2 17.6 26.4#
 139 22.1 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: 30.923 ng

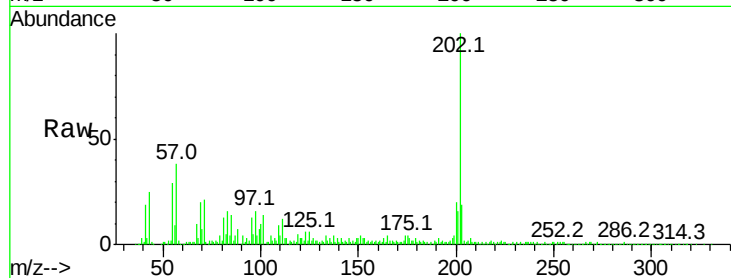
RT: 12.64 min Scan# 1794

Delta R.T. 0.02 min

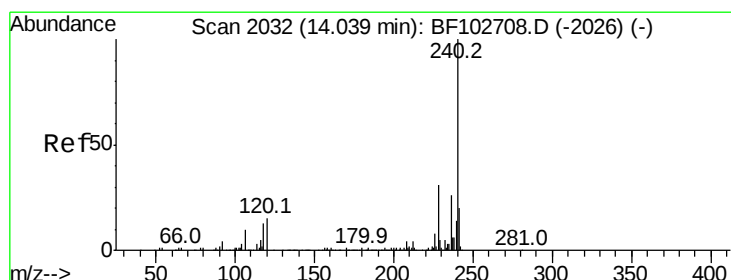
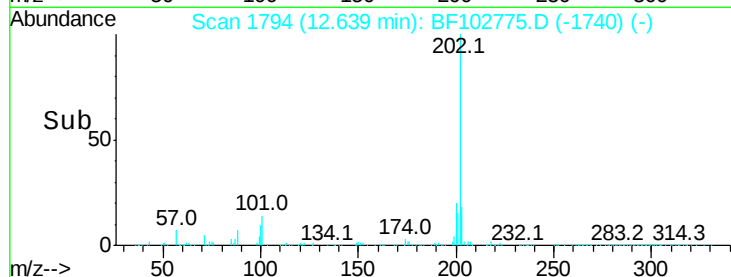
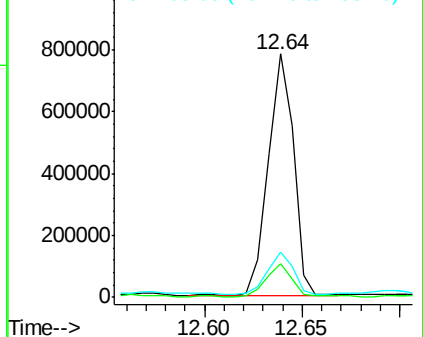
Lab File: BF102775.D

Acq: 6 Feb 2018 11:15

Tot Ion:	202	Resp:	708252
Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	34.1
203	18.8	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

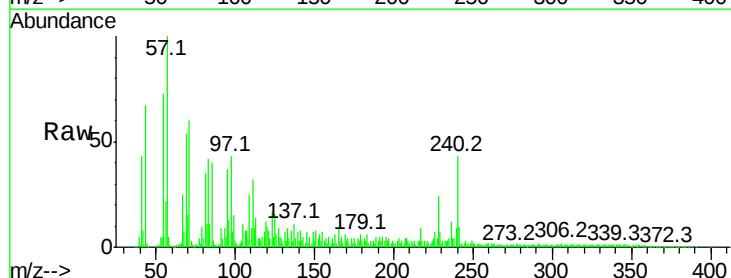
RT: 14.07 min Scan# 2038

Delta R.T. 0.02 min

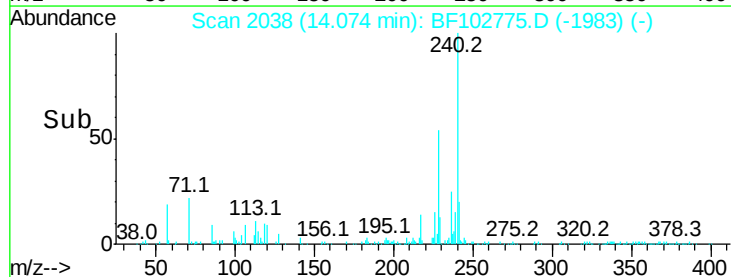
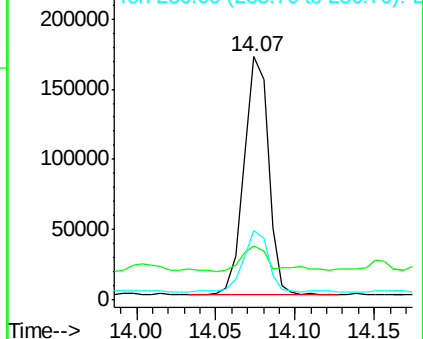
Lab File: BF102775.D

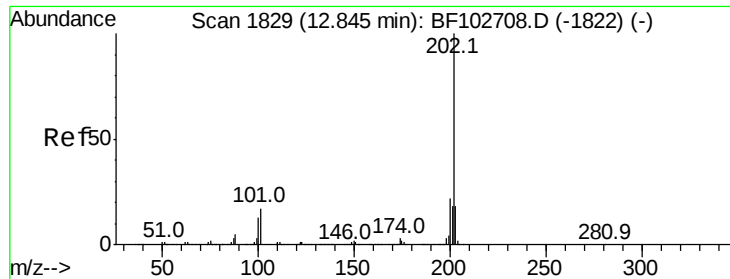
Acq: 6 Feb 2018 11:15

Tgt Ion:	240	Resp:	181819
Ion	Ratio	Lower	Upper
240	100		
120	22.5	9.5	14.3#
236	28.6	20.7	31.1



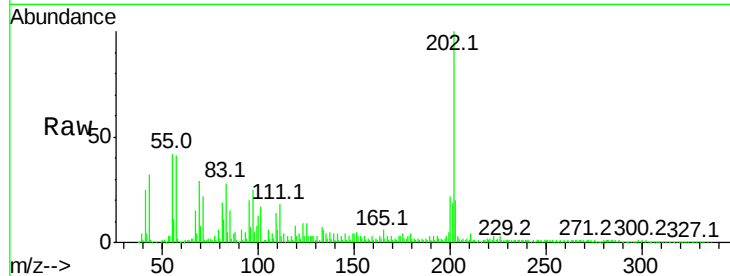
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77
Pvrene
Concen: 42.015 ng
RT: 12.87 min Scan# 1833
Delta R.T. 0.02 min
Lab File: BF102775.D
Acq: 6 Feb 2018 11:15

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	19.9	14.3	21.5

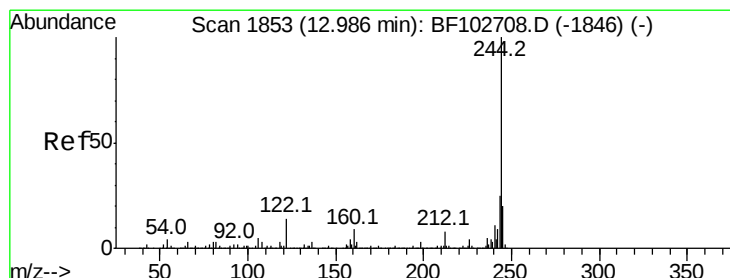
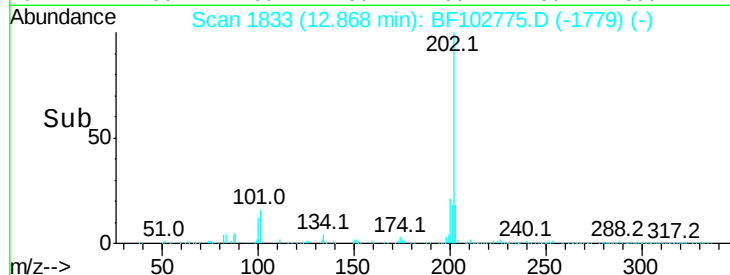
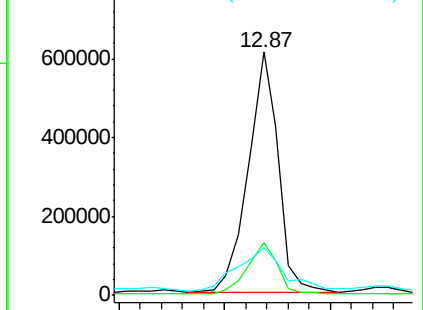


Abundance

Ion 202.00 (201.70 to 202.70): E

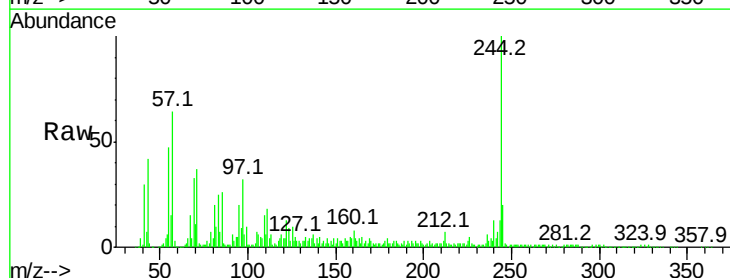
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 72.213 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.01 min
Lab File: BF102775.D
Acq: 6 Feb 2018 11:15

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.0
122	13.0	11.0	16.4

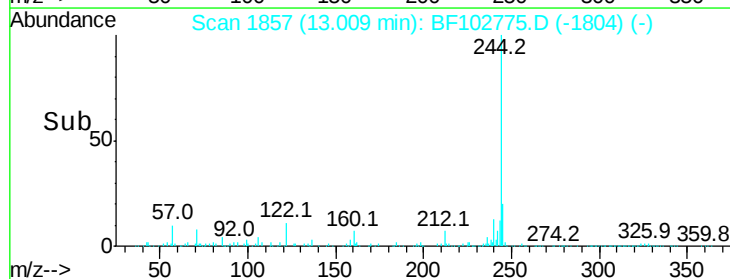
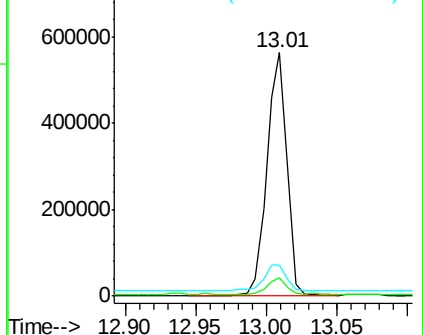


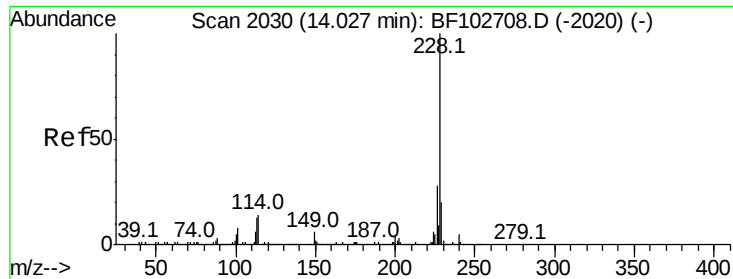
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

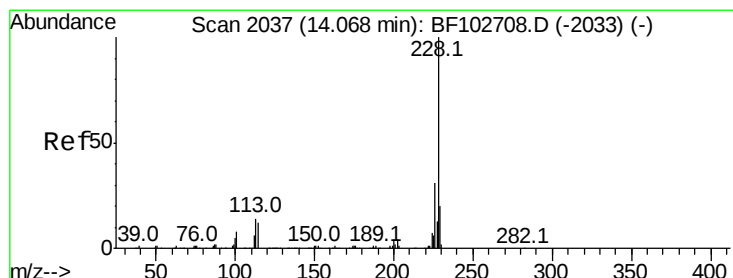
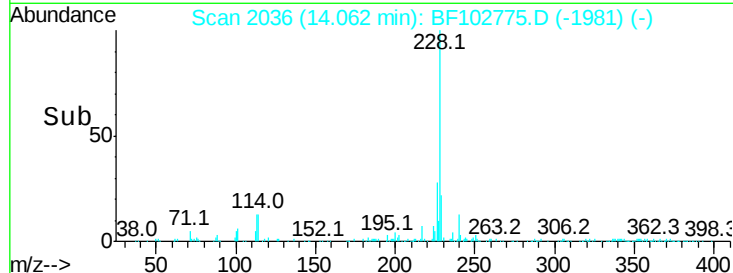
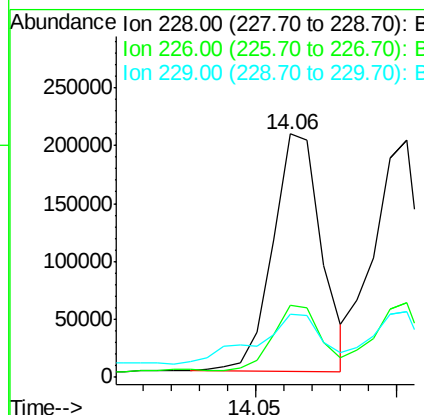
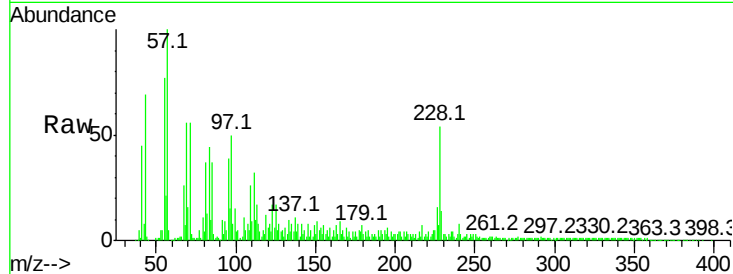
Ion 122.00 (121.70 to 122.70): E





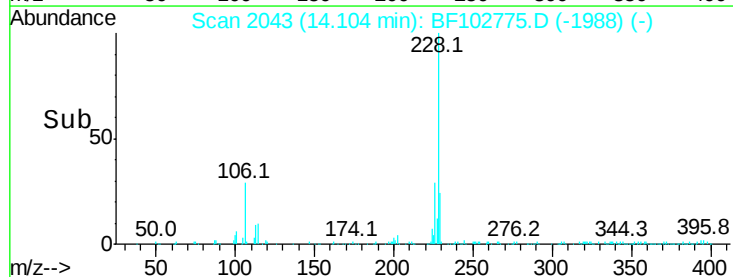
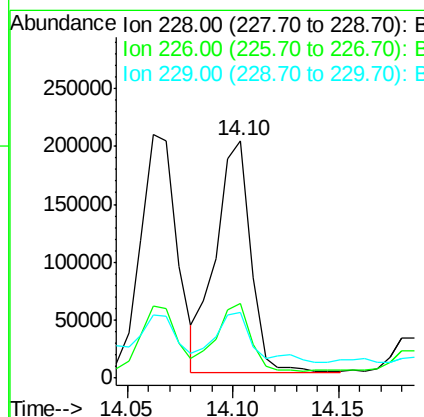
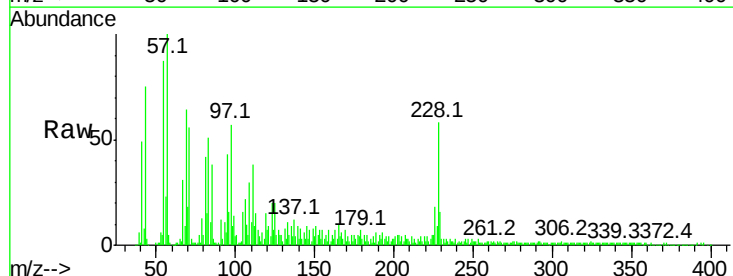
#80
Benzo(a)anthracene
Concen: 21.469 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.02 min
Lab File: BF102775.D
Acq: 6 Feb 2018 11:15

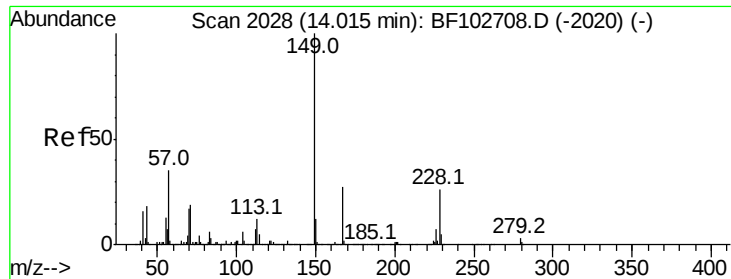
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.6	33.8
229	26.1	15.8	23.6



#82
Chrysene
Concen: 19.918 ng
RT: 14.10 min Scan# 2043
Delta R.T. 0.02 min
Lab File: BF102775.D
Acq: 6 Feb 2018 11:15

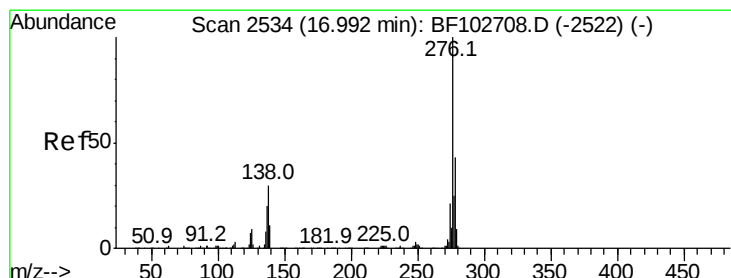
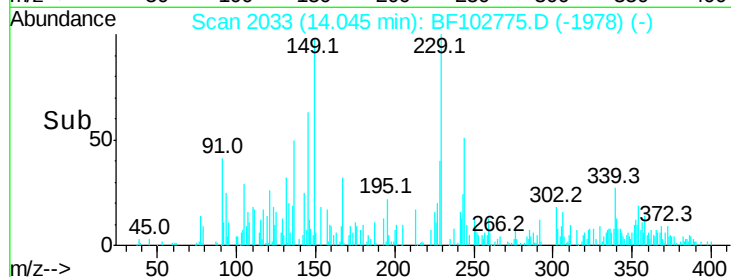
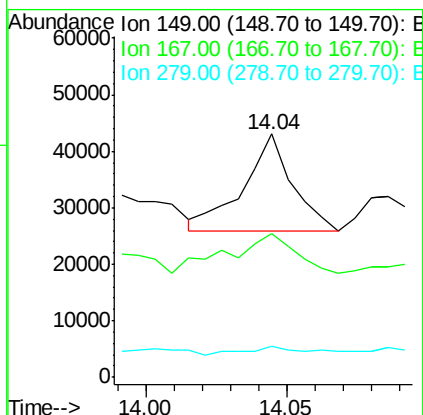
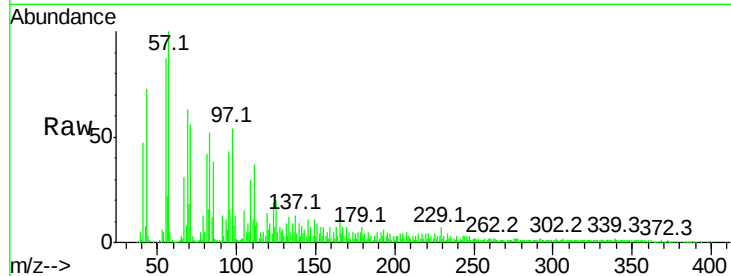
Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	27.5	16.2	24.4





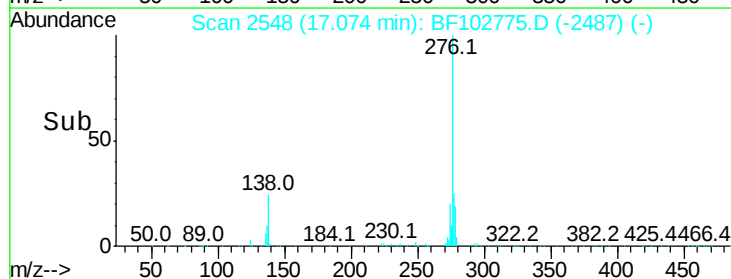
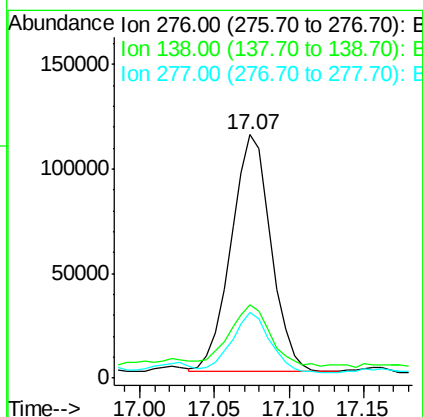
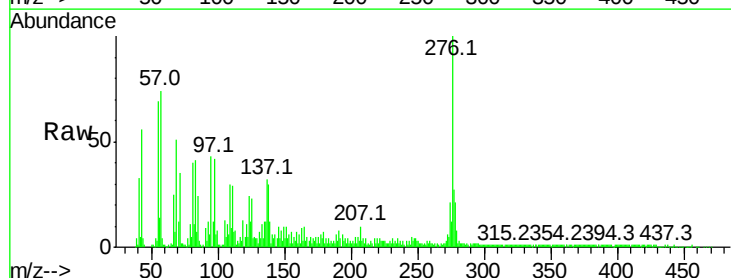
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.328 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.02 min
 Lab File: BF102775.D
 Acq: 6 Feb 2018 11:15

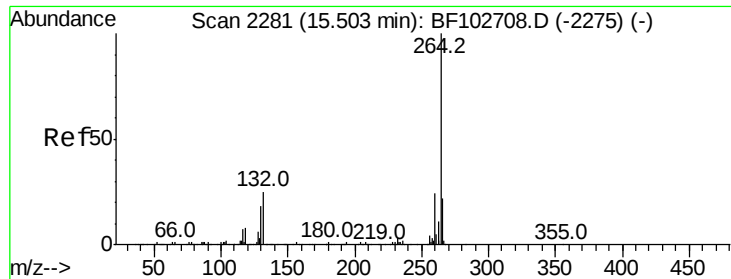
Tot Ion	Ratio	Lower	Upper
149	100		
167	59.2	21.3	31.9#
279	12.8	3.0	4.4#



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 21.954 ng
 RT: 17.07 min Scan# 2548
 Delta R.T. 0.06 min
 Lab File: BF102775.D
 Acq: 6 Feb 2018 11:15

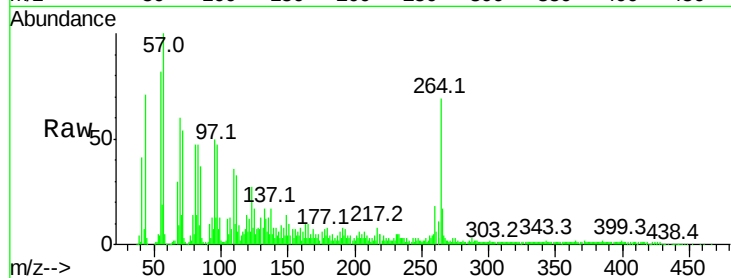
Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.9	25.0	37.6
277	24.7	20.1	30.1



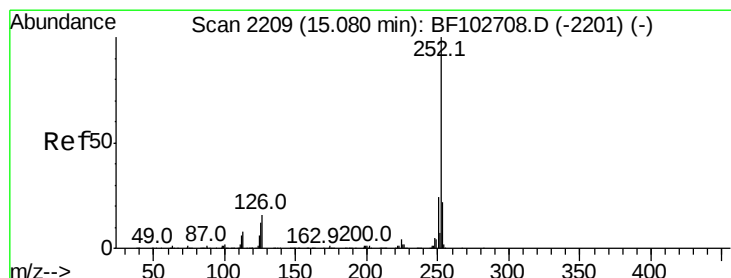
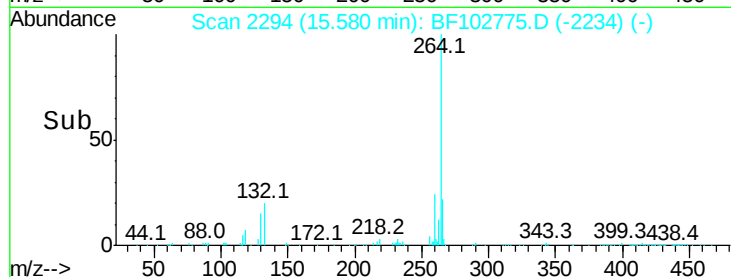
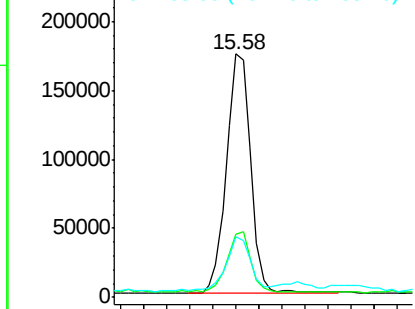


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.05 min
Lab File: BF102775.D
Acq: 6 Feb 2018 11:15

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.0	19.2	28.8
265	24.8	17.5	26.3

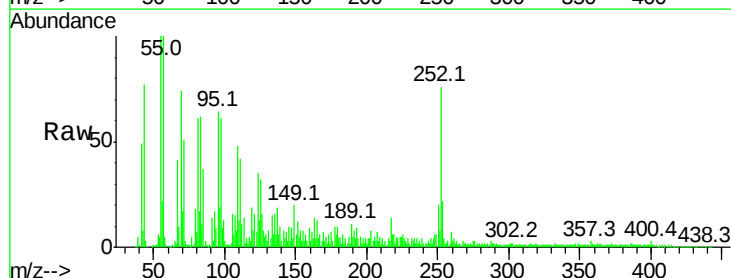


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

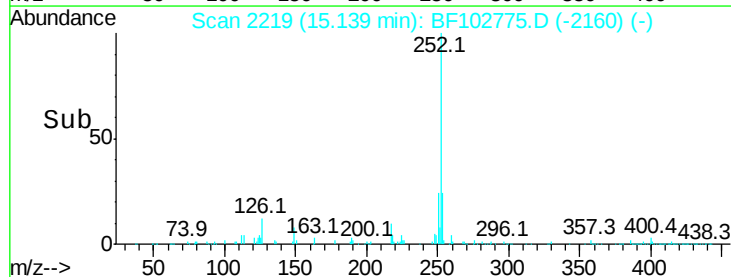
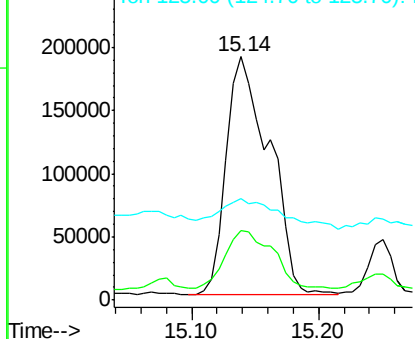


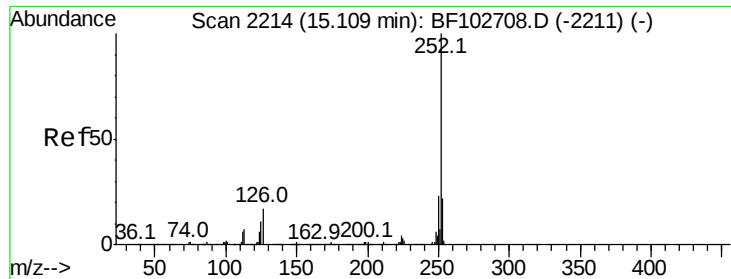
#87
Benzo(b)fluoranthene
Concen: 27.078 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.05 min
Lab File: BF102775.D
Acq: 6 Feb 2018 11:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.8	17.0	25.6#
125	41.7	9.0	13.6#



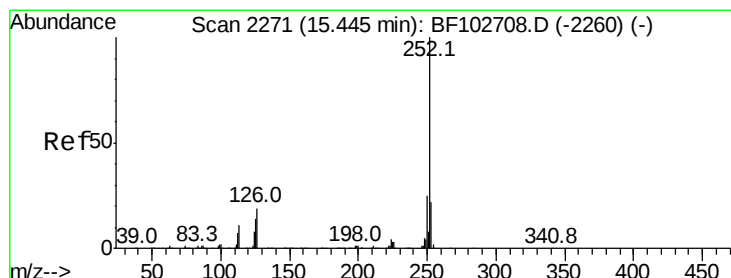
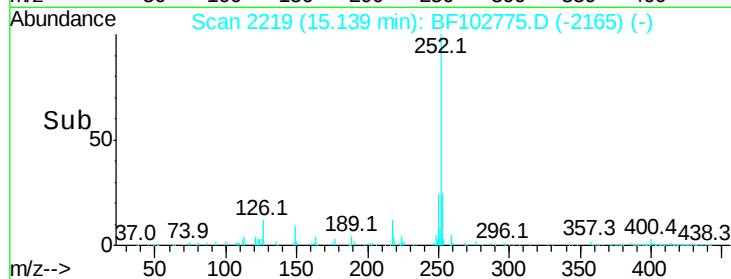
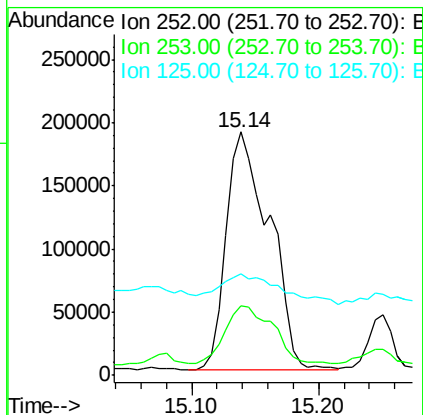
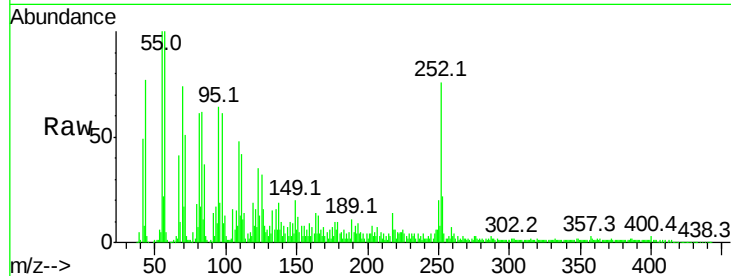
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





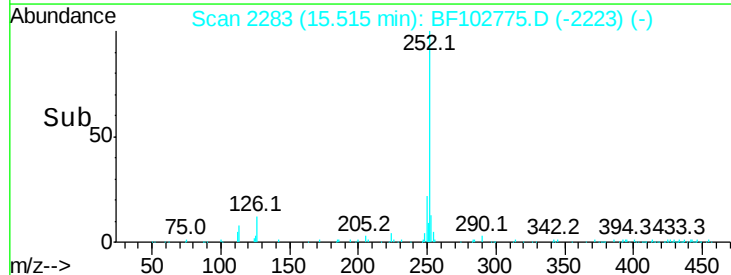
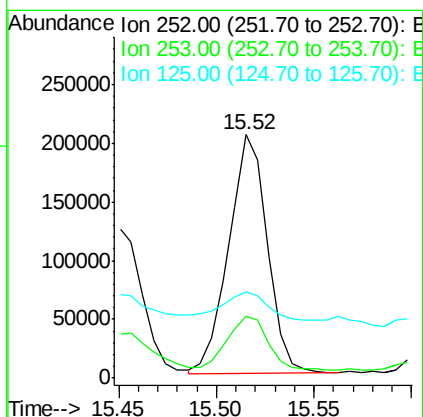
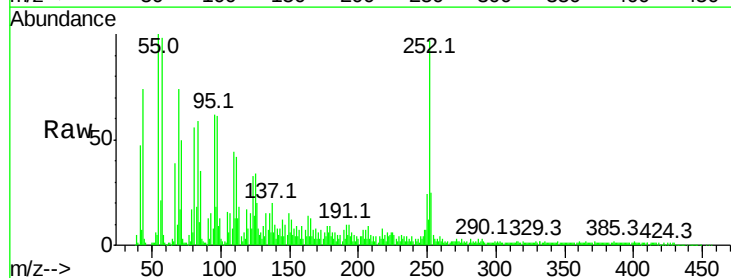
#88
Benzo(k)fluoranthene
Concen: 28.340 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.02 min
Lab File: BF102775.D
Acq: 6 Feb 2018 11:15

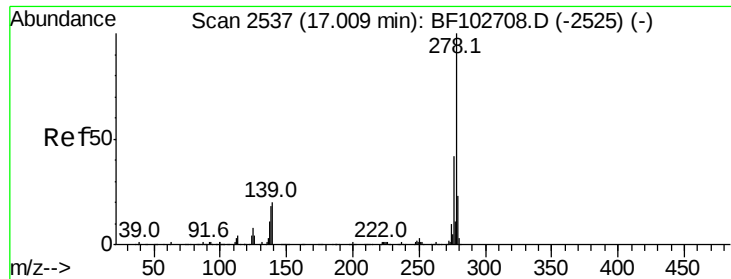
Tot Ion	Ratio	Lower	Upper
252	100		
253	28.8	17.9	26.9
125	41.7	10.2	15.2



#89
Benzo(a)pyrene
Concen: 18.780 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.05 min
Lab File: BF102775.D
Acq: 6 Feb 2018 11:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.1	25.7
125	35.4	9.8	14.6





#90

Dibenzo(a,h)anthracene

Concen: 4.411 ng

RT: 17.08 min Scan# 2549

Delta R.T. 0.04 min

Lab File: BF102775.D

Acq: 6 Feb 2018 11:15

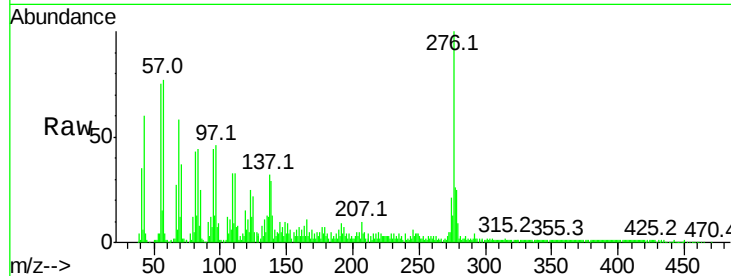
Tot Ion:278 Resp: 53163

Ion Ratio Lower Upper

278 100

139 51.9 15.9 23.9#

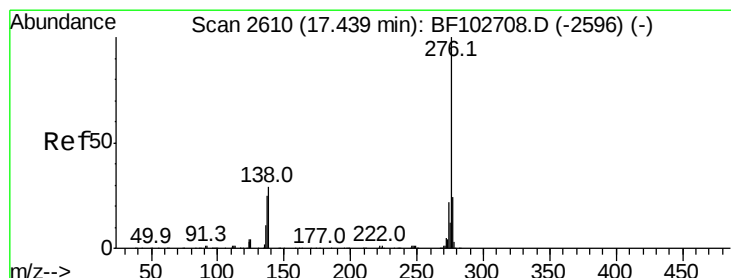
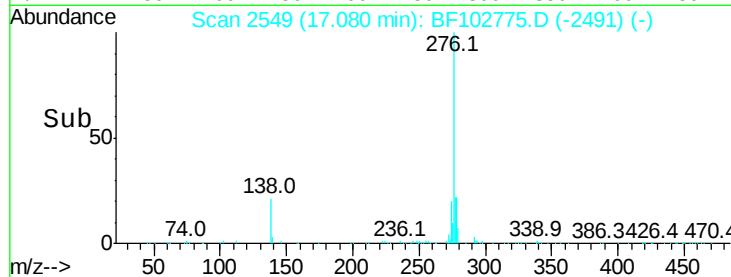
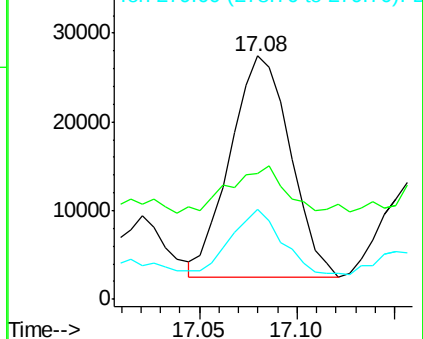
279 36.9 19.0 28.4#



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: 17.296 ng

RT: 17.53 min Scan# 2625

Delta R.T. 0.05 min

Lab File: BF102775.D

Acq: 6 Feb 2018 11:15

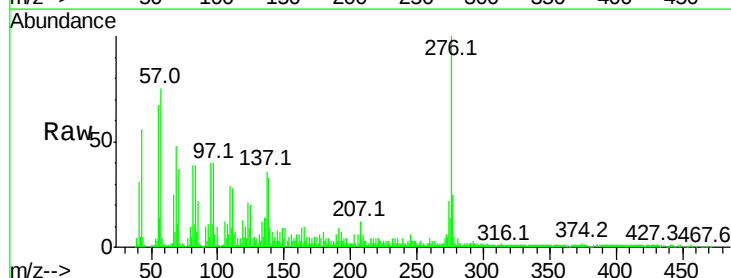
Tgt Ion:276 Resp: 204036

Ion Ratio Lower Upper

276 100

277 25.1 17.9 26.9

138 32.9 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

