

Data Path : U:\HPCHEM1\BNA F\DATA\BF020618\
 Data File : BF102788.D
 Acq On : 6 Feb 2018 17:07
 Operator : SJ/JU
 Sample : J1454-19
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 06 18:20:37 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	184234	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	730714	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	286241	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	393856	20.00	ng	0.00
75) Chrysene-d12	14.05	240	339630	20.00	ng	0.00
86) Perylene-d12	15.53	264	333622	20.00	ng	0.00

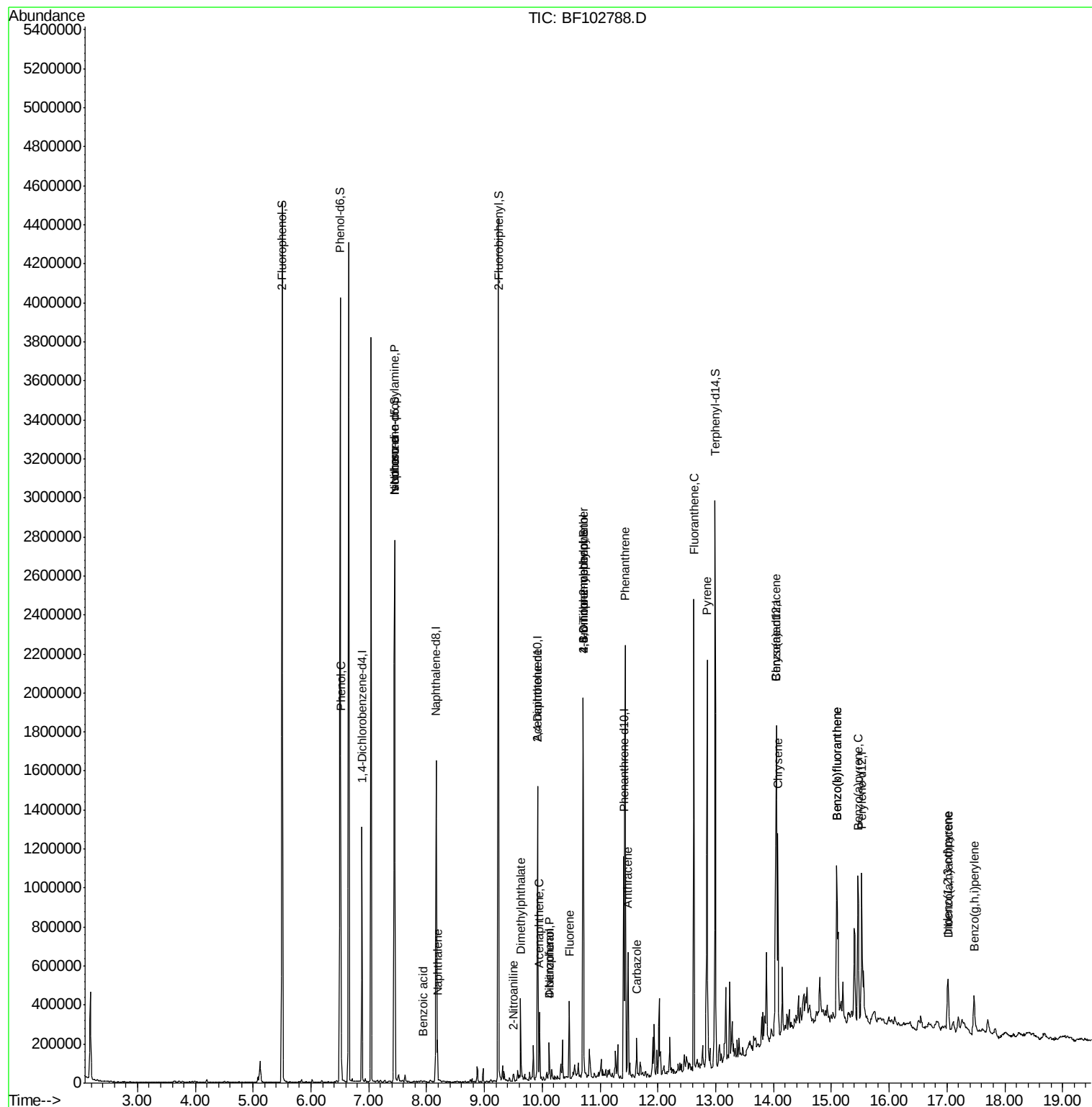
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	1240594	102.26	ng	0.01
7) Phenol-d6	6.51	99	1443292	98.81	ng	0.00
23) Nitrobenzene-d5	7.45	82	870661	82.66	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	206606	89.68	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1419074	82.26	ng	0.00
78) Terphenyl-d14	12.99	244	948147	66.10	ng	0.00

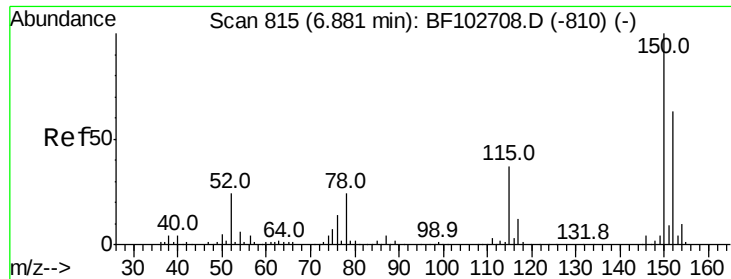
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.52	94	36807	2.351	ng	100
19) n-Nitroso-di-n-propylamine	7.45	70	113110	11.745	ng	# 84
25) Isophorone	7.45	82	870652	35.896	ng	# 64
31) Naphthalene	8.19	128	78093	2.187	ng	99
32) Benzoic acid	7.94	122	768	8.646	ng	# 20
47) 2-Nitroaniline	9.50	65	110	3.490	ng	# 2
49) Dimethylphthalate	9.63	163	151898	6.806	ng	99
51) Acenaphthene	9.95	154	65656	3.724	ng	96
54) Dibenzofuran	10.12	168	67709	2.725	ng	99
55) 4-Nitrophenol	10.12	139	25747	9.719	ng	# 11
56) 2,4-Dinitrotoluene	9.92	165	36896	9.139	ng	# 24
57) Fluorene	10.47	166	102959	5.696	ng	98
64) 4,6-Dinitro-2-methylphenol	10.71	198	387	9.011	ng	# 1
66) 4-Bromophenyl-phenylether	10.71	248	13861	3.327	ng	# 1
70) Phenanthrene	11.43	178	750167	34.199	ng	98
71) Anthracene	11.48	178	233056	10.446	ng	99
72) Carbazole	11.63	167	67510	3.089	ng	98
74) Fluoranthene	12.62	202	959546	43.479	ng	98
77) Pyrene	12.85	202	875254	32.864	ng	99
80) Benzo(a)anthracene	14.04	228	428384	20.056	ng	98
82) Chrysene	14.07	228	382198	17.751	ng	97
85) Indeno(1,2,3-cd)pyrene	17.02	276	162758	9.114	ng	97
87) Benzo(b)fluoranthene	15.09	252	648933	30.002	ng	# 96
88) Benzo(k)fluoranthene	15.09	252	648933	31.399	ng	99
89) Benzo(a)pyrene	15.46	252	355308	18.249	ng	# 96
90) Dibenzo(a,h)anthracene	17.03	278	40122	2.539	ng	# 91
91) Benzo(g,h,i)perylene	17.47	276	157156	10.160	ng	98

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

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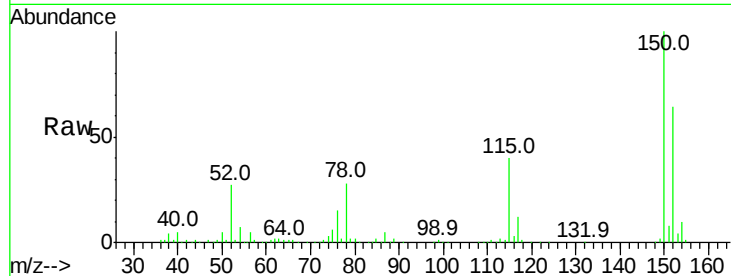




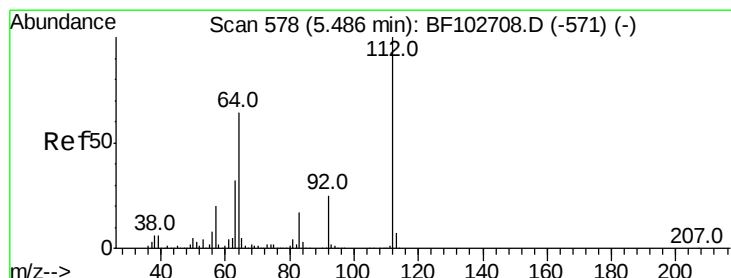
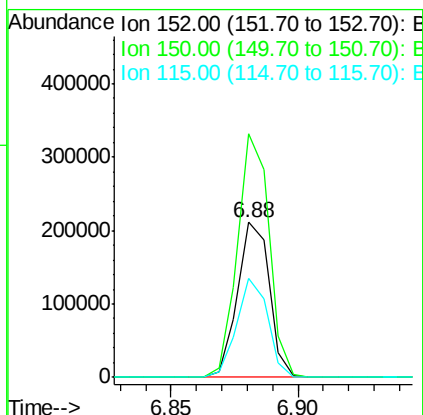
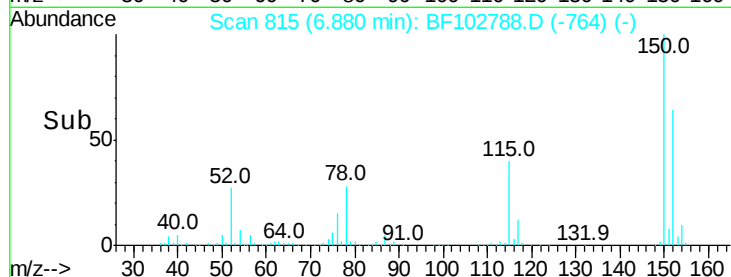
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102788.D
Acq: 6 Feb 2018 17:07

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.6	186.8
115	63.7	50.1	75.1



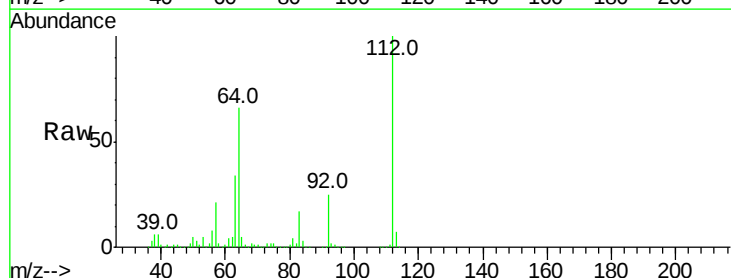
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



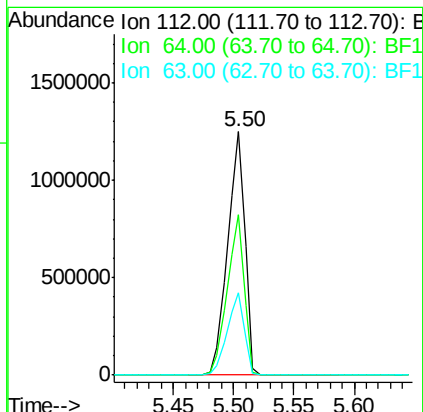
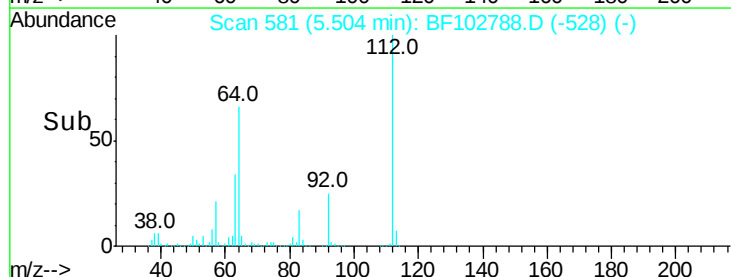
#5

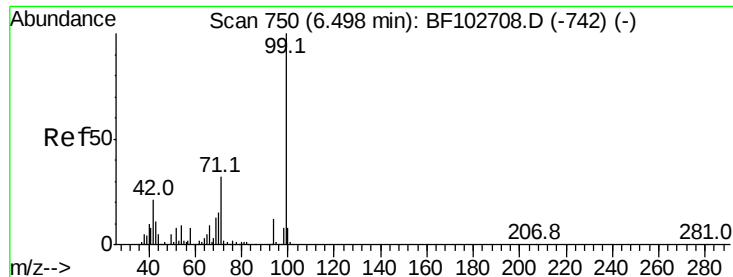
2-Fluorophenol
Concen: 102.264 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF102788.D
Acq: 6 Feb 2018 17:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.0	47.9	71.9
63	33.7	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: 98.809 ng

RT: 6.51 min Scan# 752

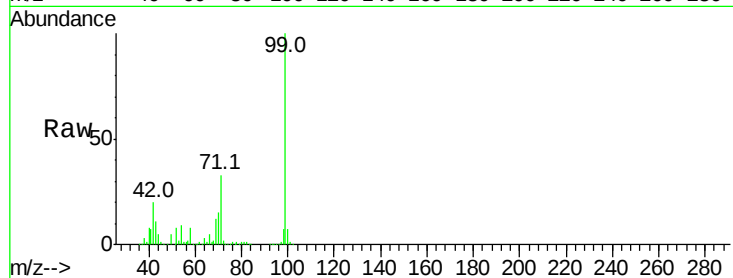
Delta R.T. 0.01 min

Lab File: BF102788.D

Acq: 6 Feb 2018 17:07

Tot Ion: 99 Resp: 1443292

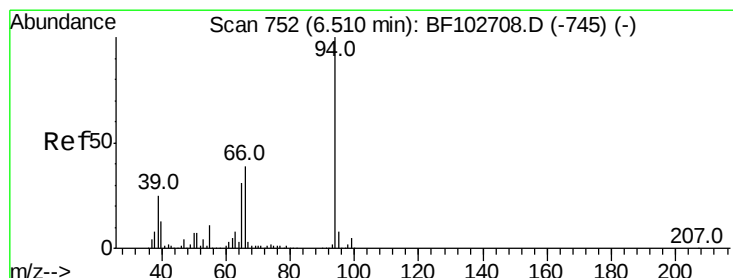
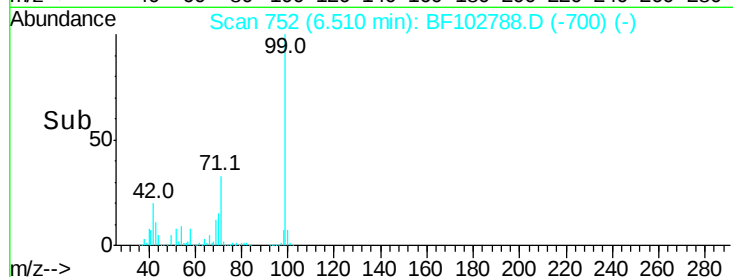
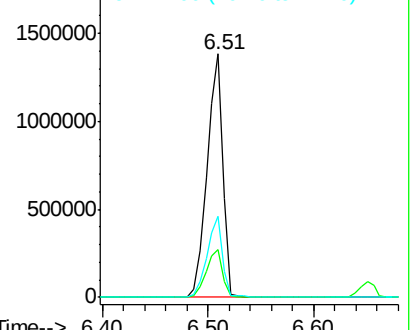
Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.5	21.7
71	33.1	25.4	38.0



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



#10

Phenol

Concen: 2.351 ng

RT: 6.52 min Scan# 754

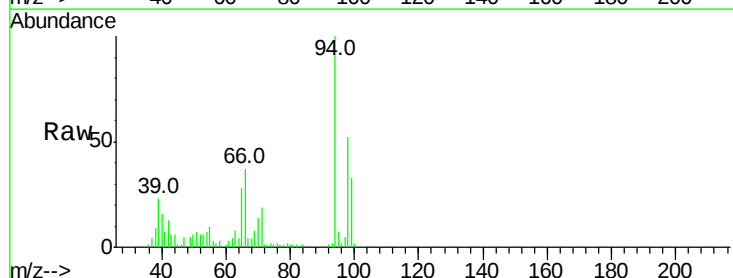
Delta R.T. -0.00 min

Lab File: BF102788.D

Acq: 6 Feb 2018 17:07

Tgt Ion: 94 Resp: 36807

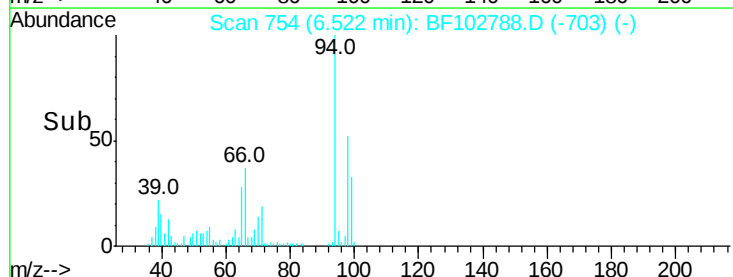
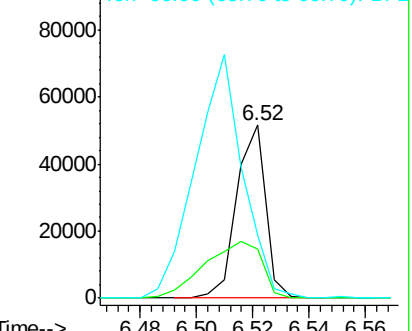
Ion	Ratio	Lower	Upper
94	100		
65	28.1	7.9	47.9
66	36.5	16.2	56.2

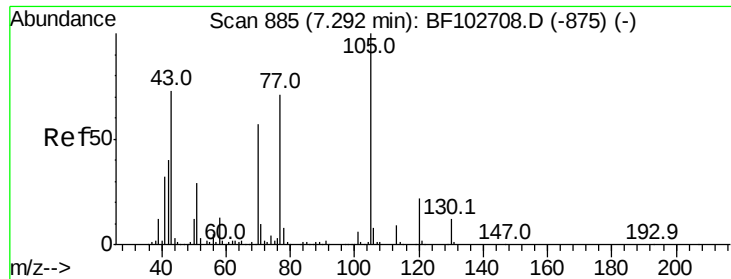


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 11.745 ng

RT: 7.45 min Scan# 911

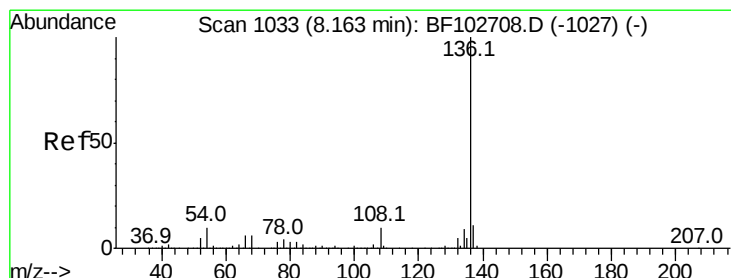
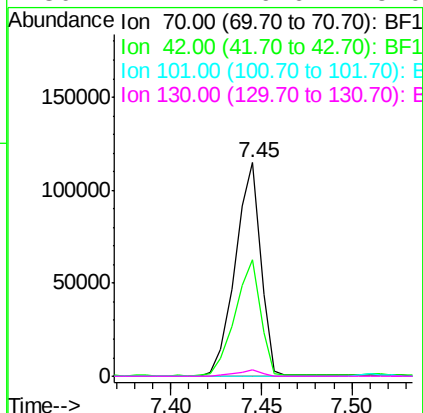
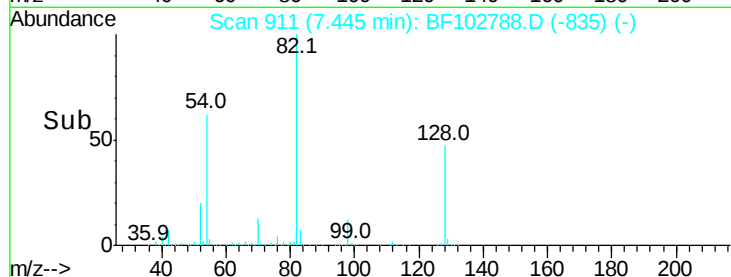
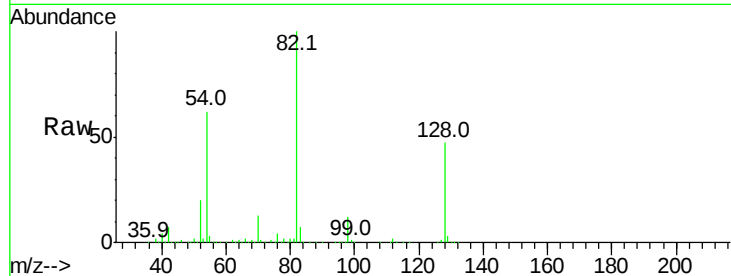
Delta R.T. 0.15 min

Lab File: BF102788.D

Acq: 6 Feb 2018 17:07

Tot Ion: 70 Resp: 113110

Ion	Ratio	Lower	Upper
70	100		
42	54.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.7	16.6	25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

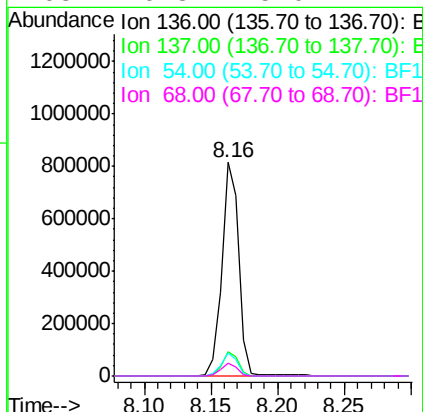
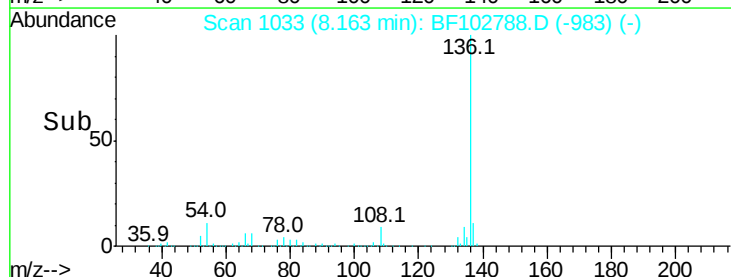
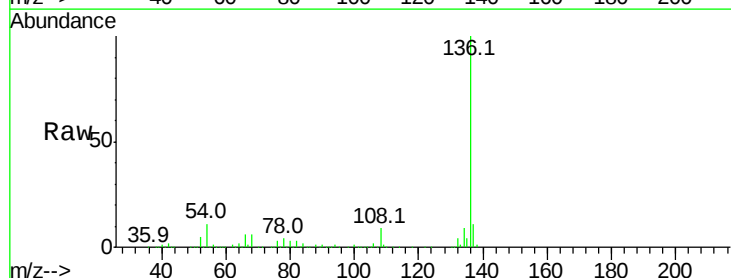
Delta R.T. -0.01 min

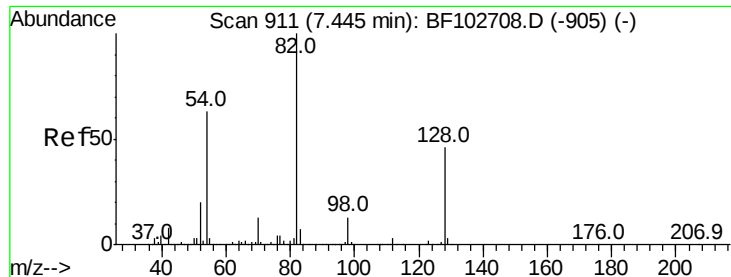
Lab File: BF102788.D

Acq: 6 Feb 2018 17:07

Tgt Ion: 136 Resp: 730714

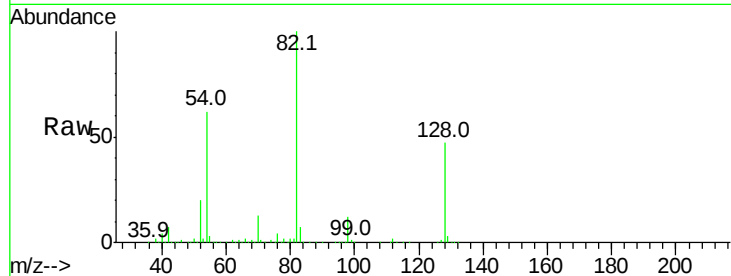
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	10.6	6.6	9.8#
68	6.3	5.0	7.4



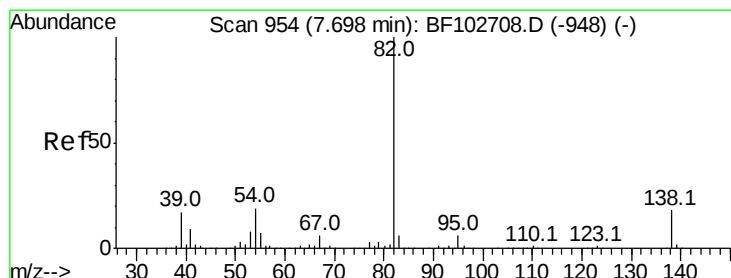
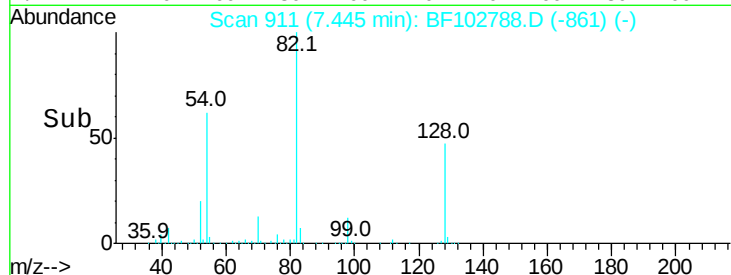
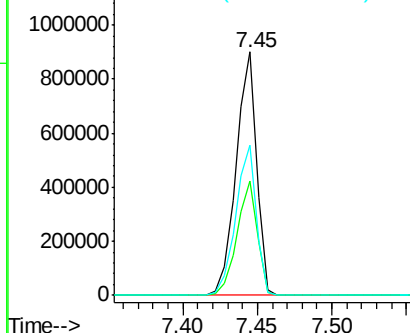


#23
 Nitrobenzene-d5
 Concen: 82.657 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF102788.D
 Acq: 6 Feb 2018 17:07

Tot Ion	82	Resp	870661
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	61.6	41.4	62.2

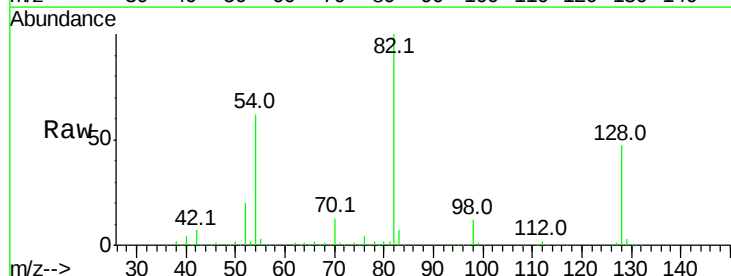


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

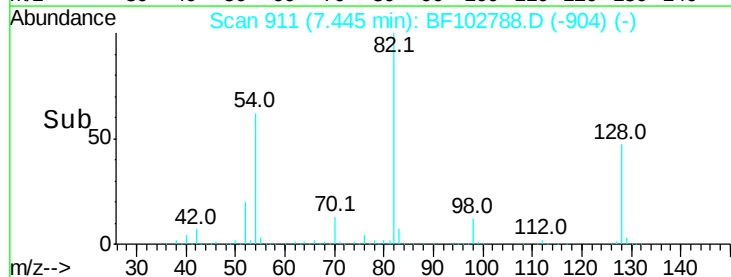
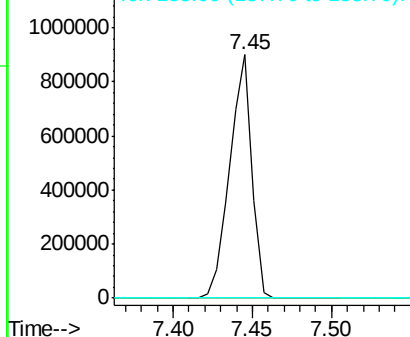


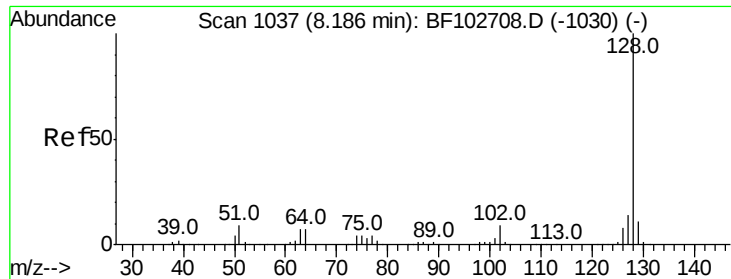
#25
 Isophorone
 Concen: 35.896 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.26 min
 Lab File: BF102788.D
 Acq: 6 Feb 2018 17:07

Tgt Ion	82	Resp	870652
Ion Ratio	100		
Lower	5.2		
Upper	7.8#		
95	0.0	14.9	22.3#
138	0.0		



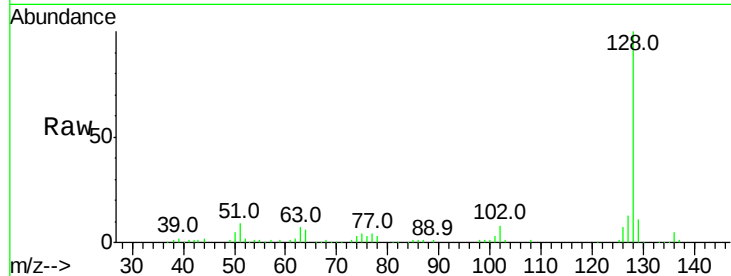
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1



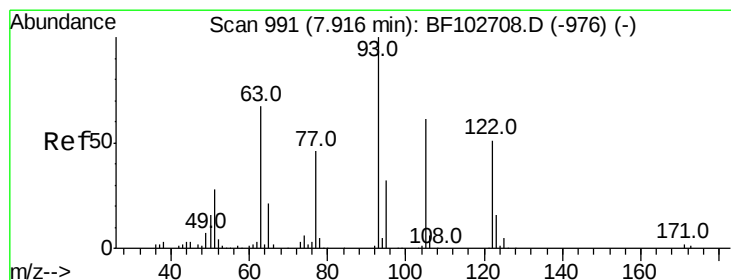
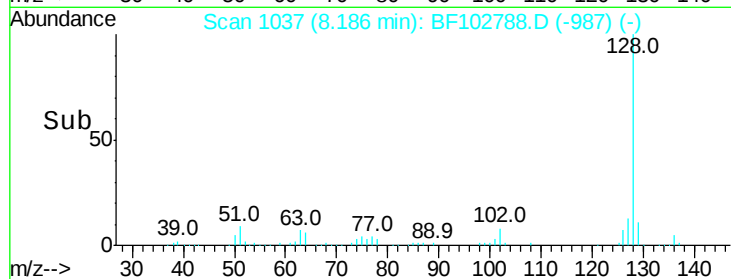
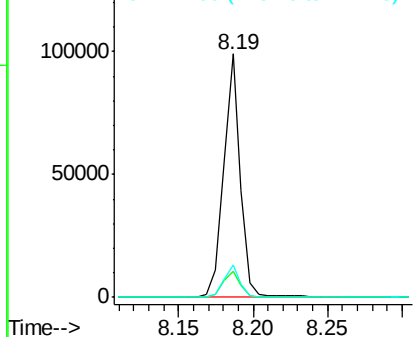


#31
Naphthalene
Concen: 2.187 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF102788.D
Acq: 6 Feb 2018 17:07

Tot Ion:128 Resp: 78093
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.1 10.9 16.3

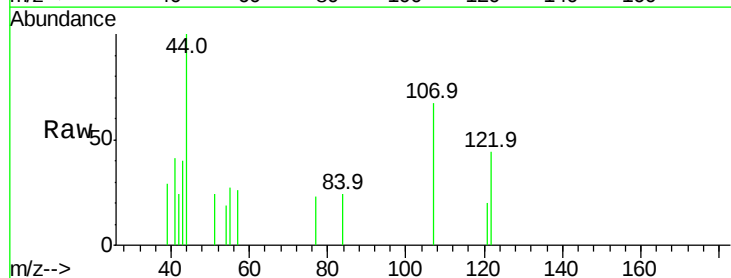


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

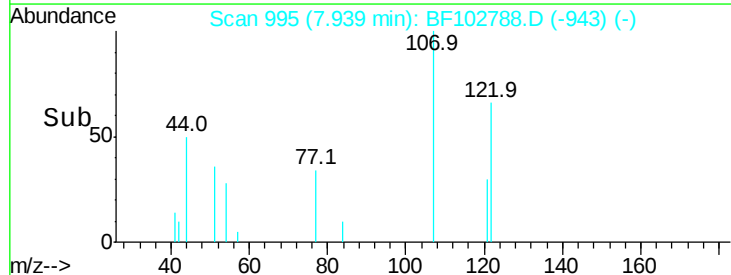
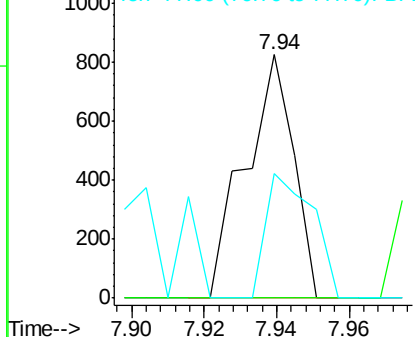


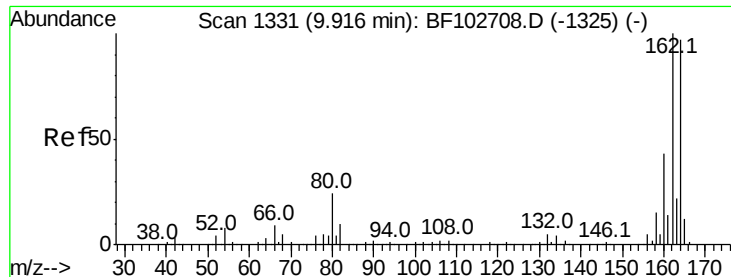
#32
Benzoic acid
Concen: 8.646 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.01 min
Lab File: BF102788.D
Acq: 6 Feb 2018 17:07

Tgt Ion:122 Resp: 768
Ion Ratio Lower Upper
122 100
105 0.0 101.1 141.1#
77 51.1 70.7 110.7#



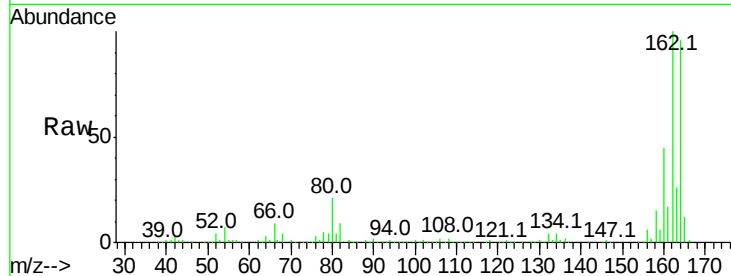
Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1



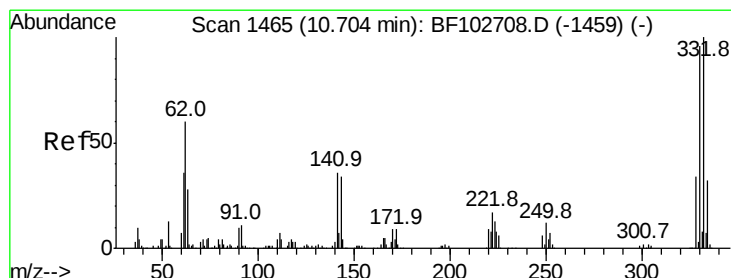
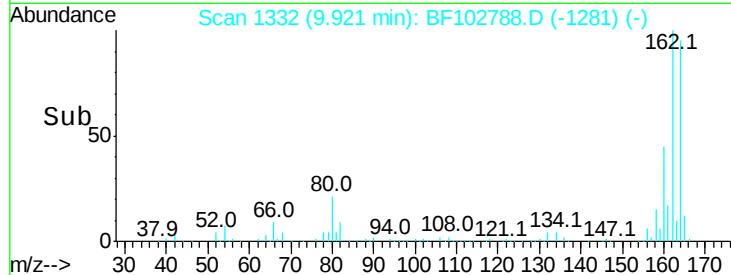
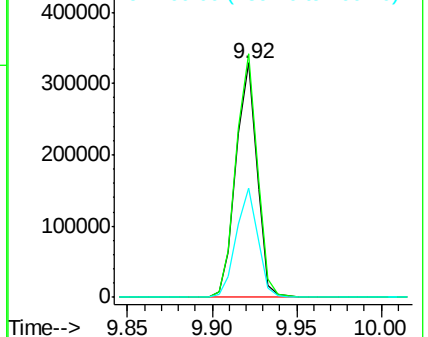


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF102788.D
Acq: 6 Feb 2018 17:07

Tot Ion:164 Resp: 286241
Ion Ratio Lower Upper
164 100
162 103.9 86.1 129.1
160 46.8 38.3 57.5

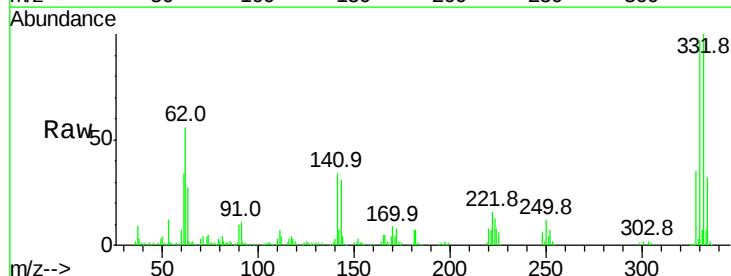


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

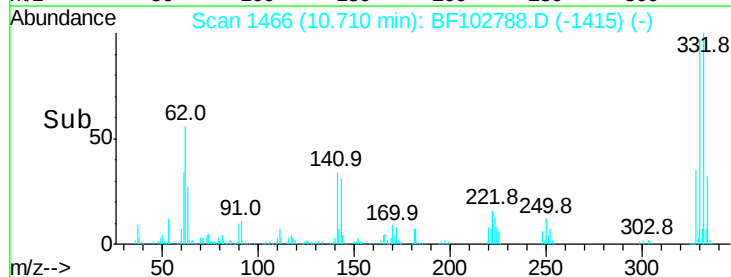
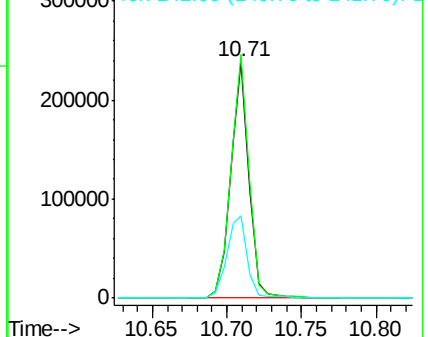


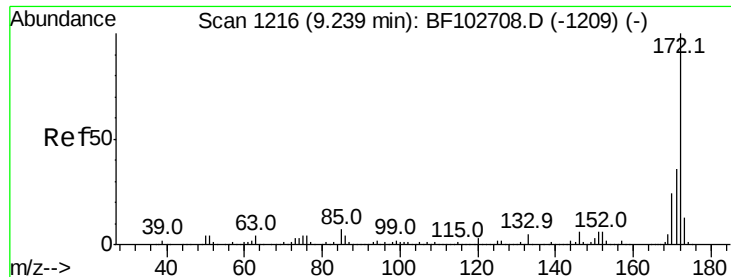
#41
2,4,6-Tribromophenol
Concen: 89.676 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF102788.D
Acq: 6 Feb 2018 17:07

Tgt Ion:330 Resp: 206606
Ion Ratio Lower Upper
330 100
332 103.3 77.0 115.6
141 39.6 29.9 44.9



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

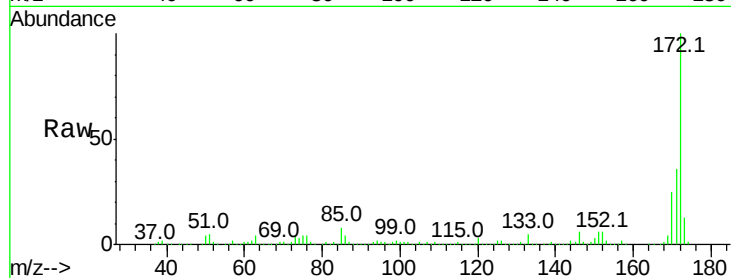




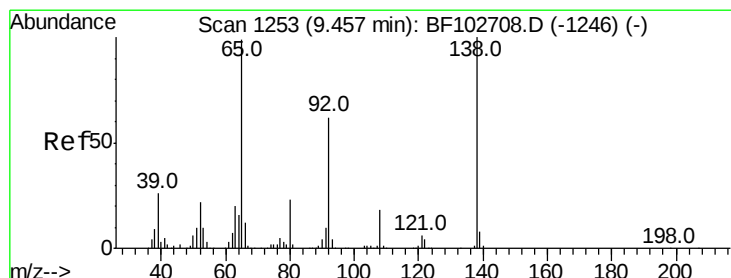
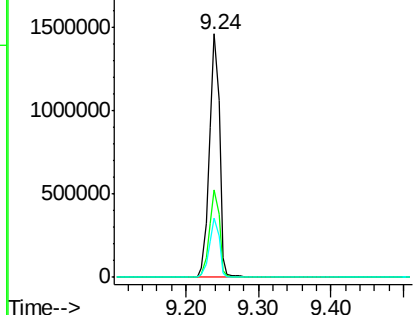
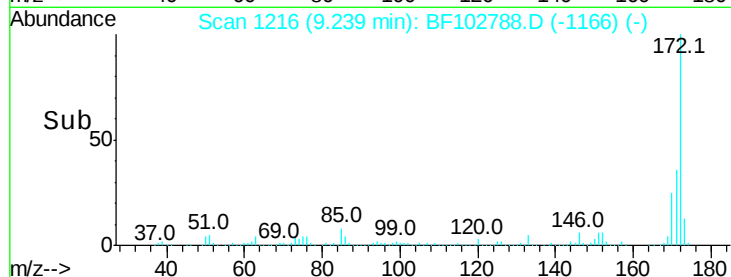
#44
2-Fluorobiphenyl
Concen: 82.265 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF102788.D
Acq: 6 Feb 2018 17:07

Tot Ion:172 Resp: 1419074

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.5	19.6	29.4



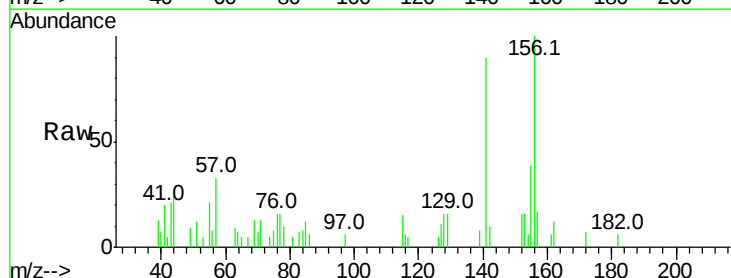
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



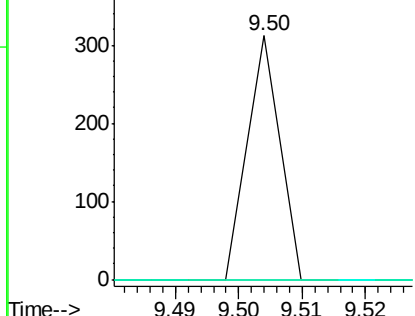
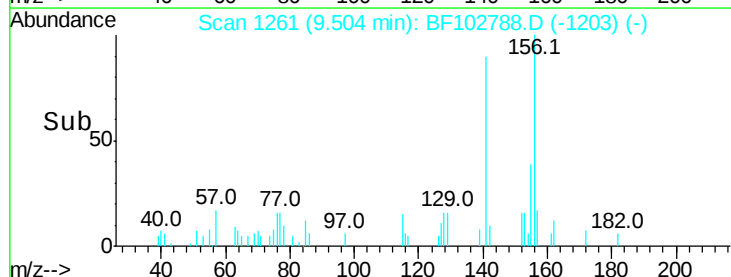
#47
2-Nitroaniline
Concen: 3.490 ng
RT: 9.50 min Scan# 1261
Delta R.T. 0.04 min
Lab File: BF102788.D
Acq: 6 Feb 2018 17:07

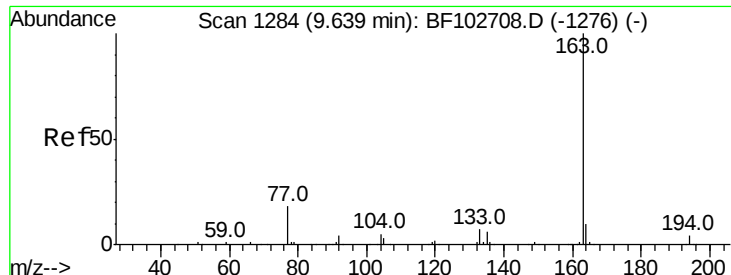
Tgt Ion: 65 Resp: 110

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



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





#49

Dimethylphthalate

Concen: 6.806 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF102788.D

Acq: 6 Feb 2018 17:07

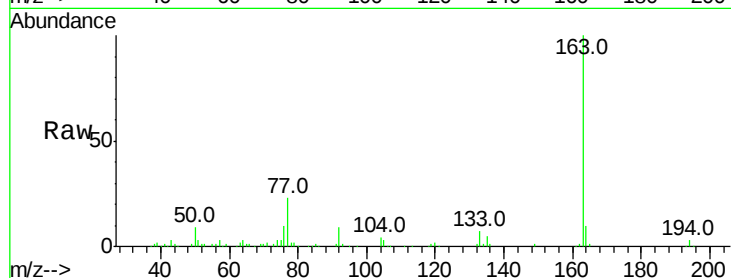
Tot Ion:163 Resp: 151898

Ion Ratio Lower Upper

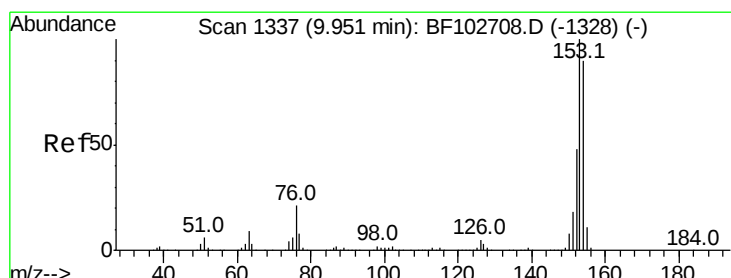
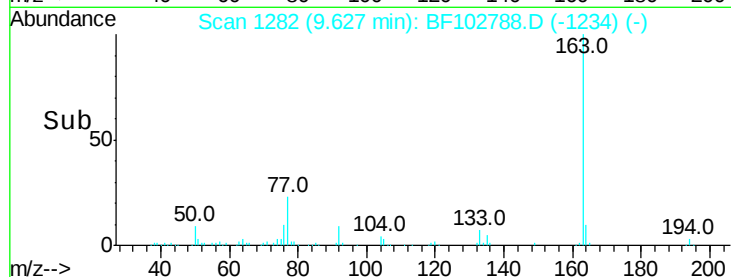
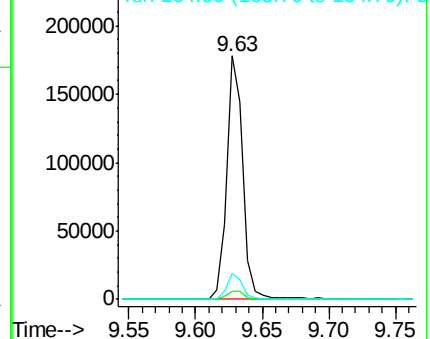
163 100

194 3.3 2.7 4.1

164 10.5 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#51

Acenaphthene

Concen: 3.724 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF102788.D

Acq: 6 Feb 2018 17:07

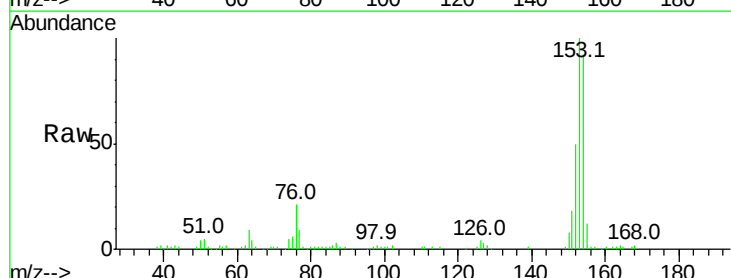
Tgt Ion:154 Resp: 65656

Ion Ratio Lower Upper

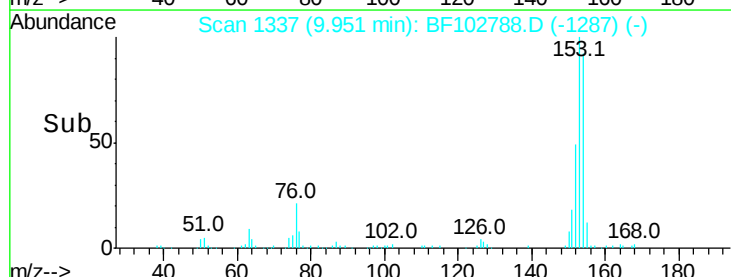
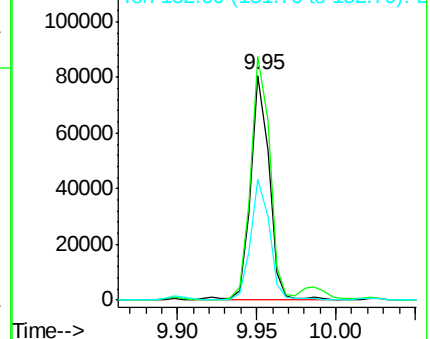
154 100

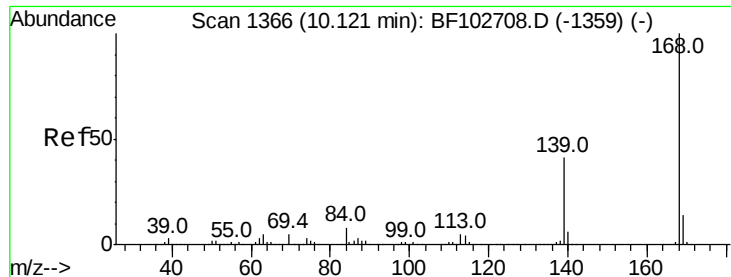
153 108.5 91.2 136.8

152 53.8 43.8 65.8



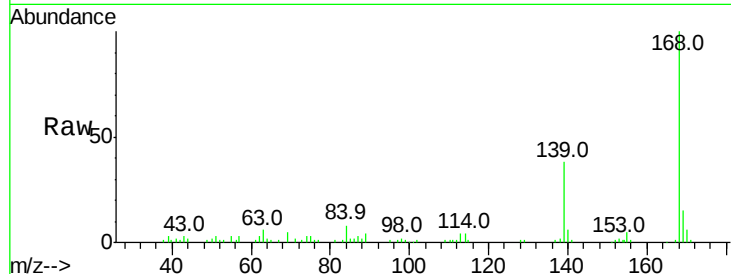
Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



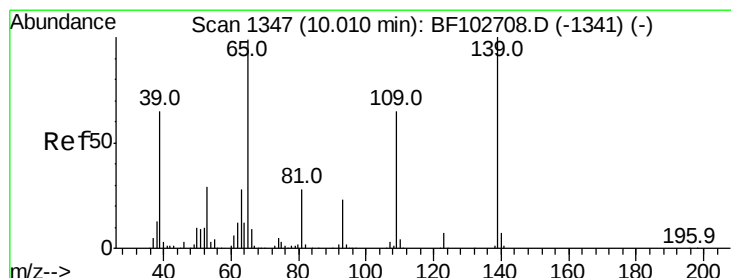
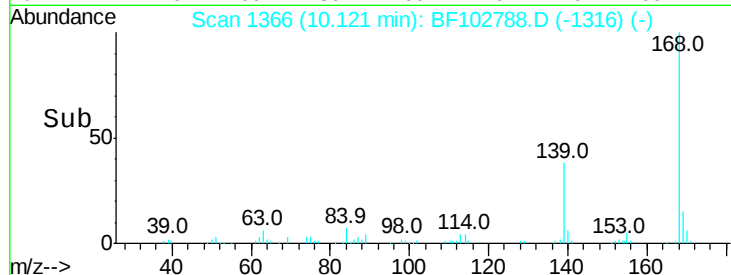
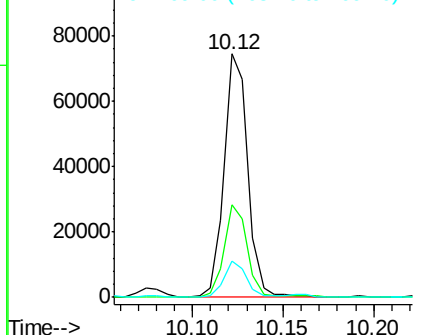


#54
Dibenzenofuran
Concen: 2.725 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF102788.D
Acq: 6 Feb 2018 17:07

Tot Ion:168 Resp: 67709
Ion Ratio Lower Upper
168 100
139 38.0 30.1 45.1
169 14.9 10.9 16.3

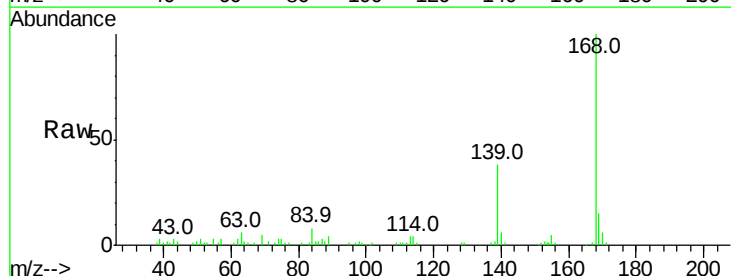


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

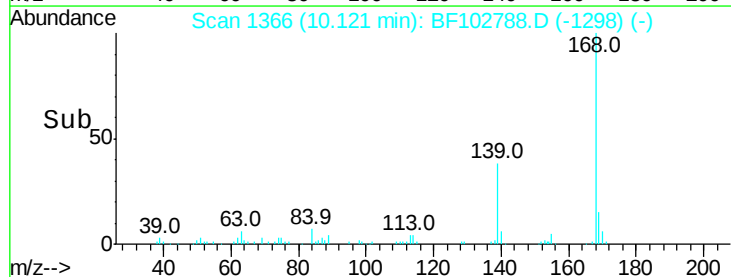
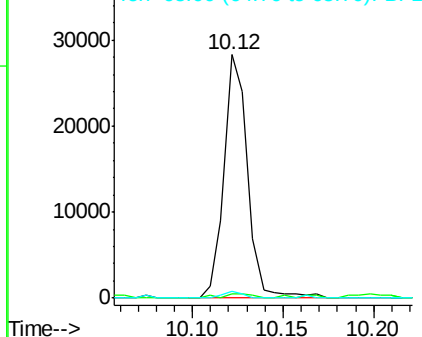


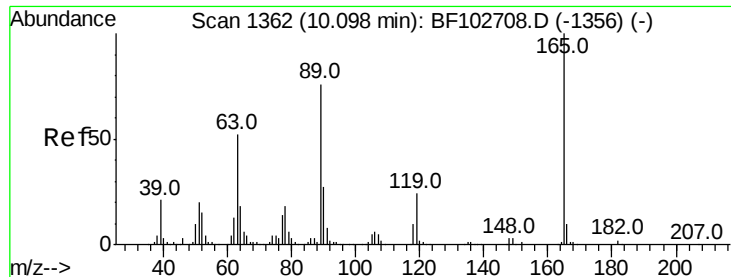
#55
4-Nitrophenol
Concen: 9.719 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.10 min
Lab File: BF102788.D
Acq: 6 Feb 2018 17:07

Tgt Ion:139 Resp: 25747
Ion Ratio Lower Upper
139 100
109 1.9 48.4 88.4#
65 2.9 72.6 112.6#



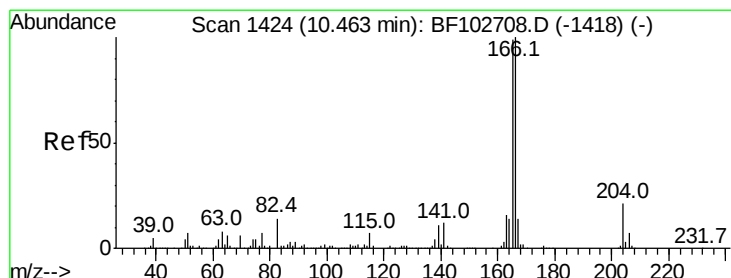
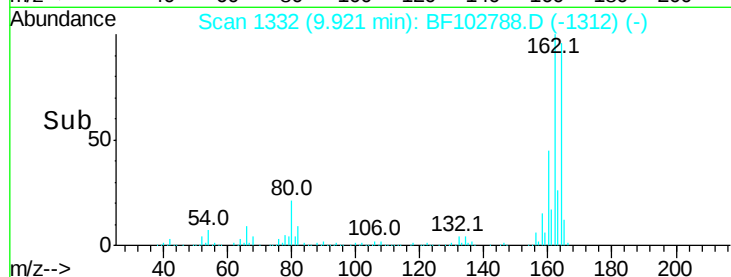
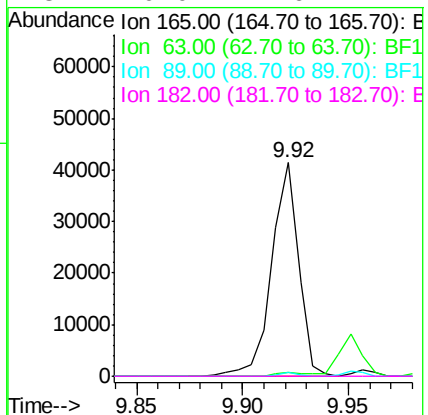
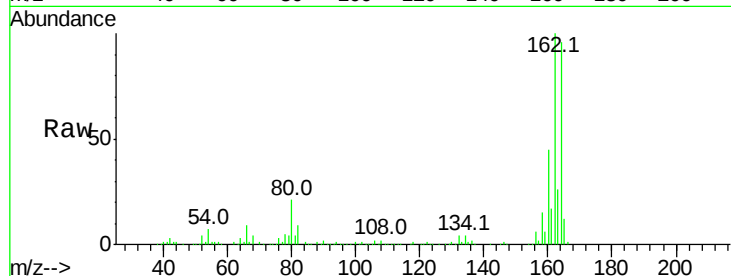
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





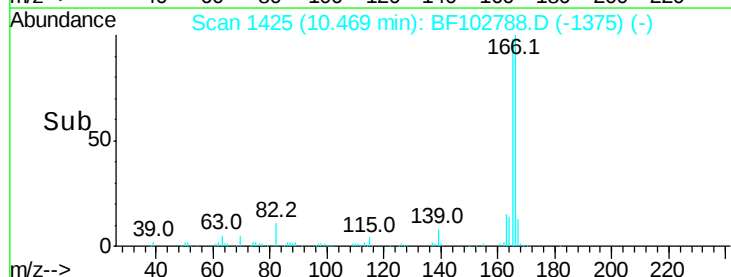
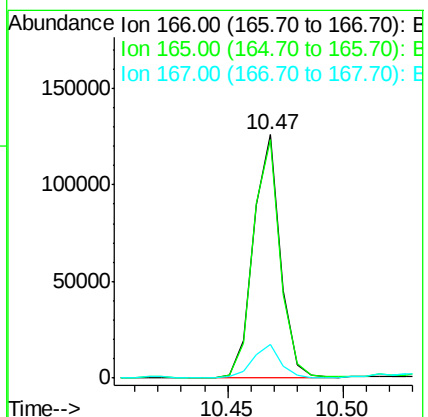
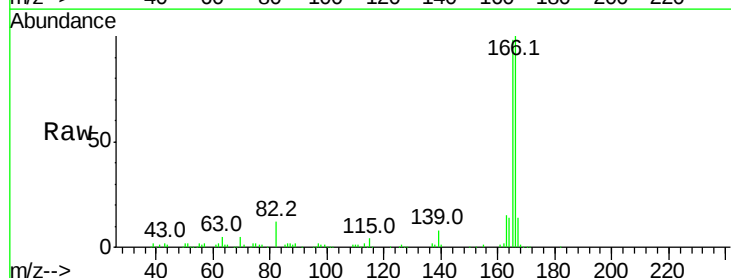
#56
2,4-Dinitrotoluene
Concen: 9.139 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.18 min
Lab File: BF102788.D
Acq: 6 Feb 2018 17:07

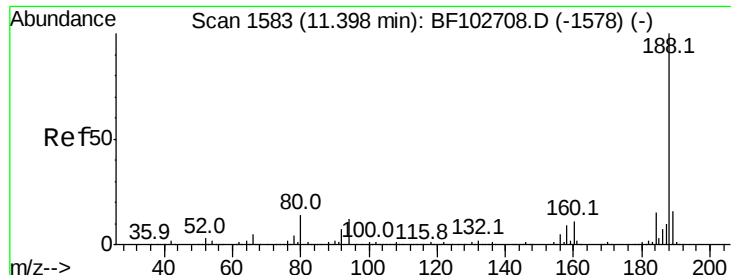
Tot Ion:	165	Resp:	36896
Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#



#57
Fluorene
Concen: 5.696 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF102788.D
Acq: 6 Feb 2018 17:07

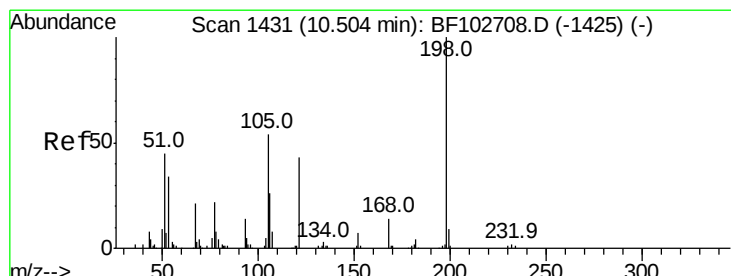
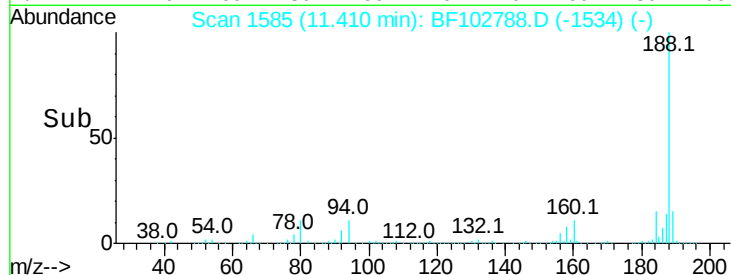
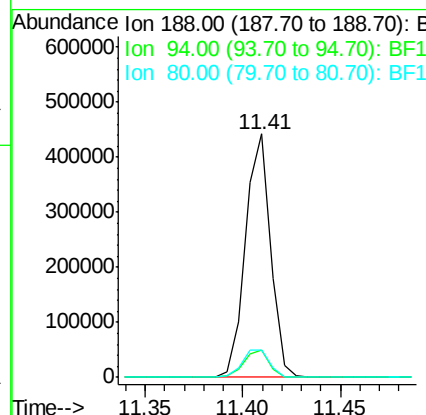
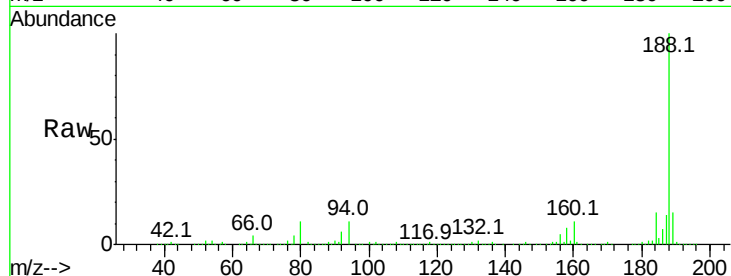
Tgt Ion:	166	Resp:	102959
Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.8	119.8
167	13.6	10.6	16.0





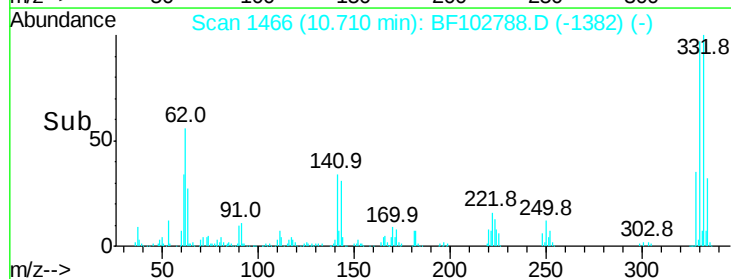
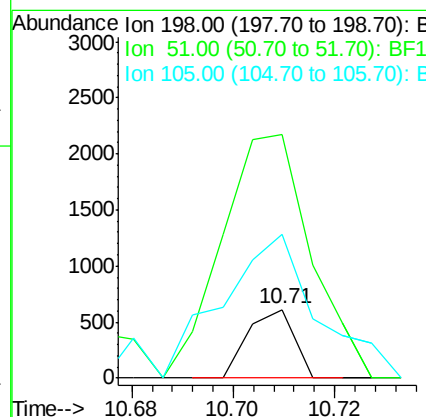
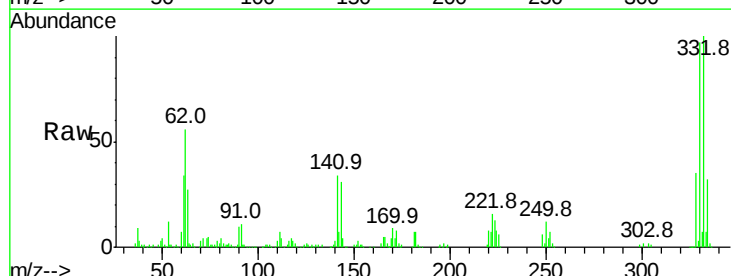
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: BF102788.D
 Acq: 6 Feb 2018 17:07

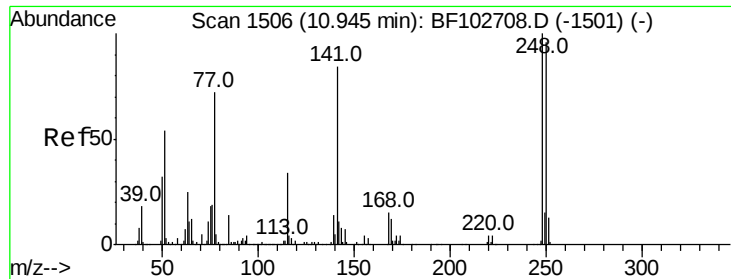
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	11.3	9.2	13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.011 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.19 min
 Lab File: BF102788.D
 Acq: 6 Feb 2018 17:07

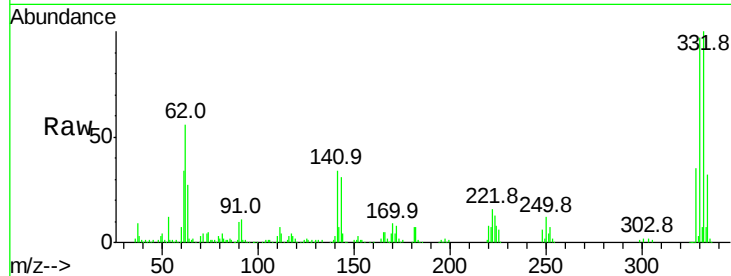
Tgt Ion	Ratio	Lower	Upper
198	100		
51	356.1	37.7	77.7#
105	210.5	36.3	76.3#



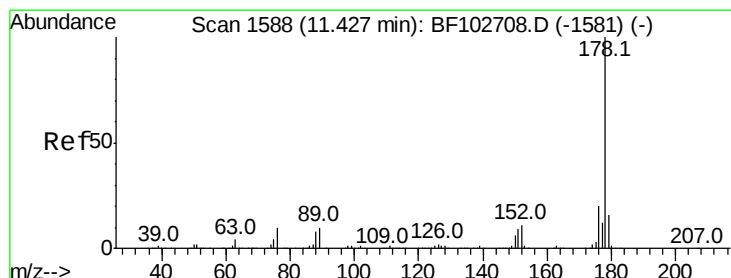
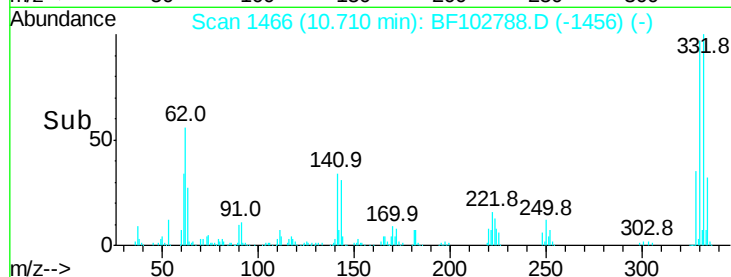
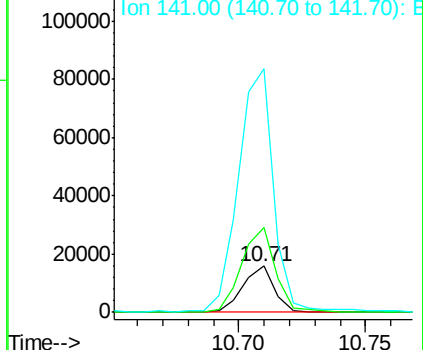


#66
 4-Bromophenyl-phenylether
 Concen: 3.327 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.24 min
 Lab File: BF102788.D
 Acq: 6 Feb 2018 17:07

Tot Ion:248 Resp: 13861
 Ion Ratio Lower Upper
 248 100
 250 183.3 76.9 115.3#
 141 526.5 74.4 111.6#

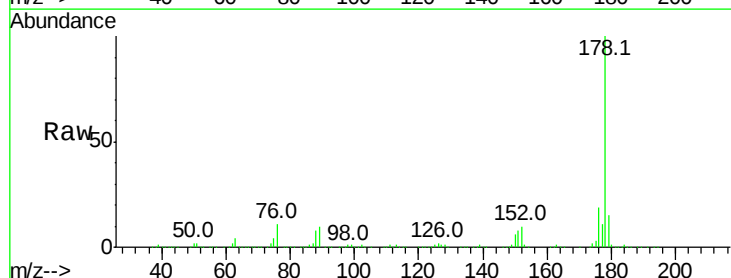


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

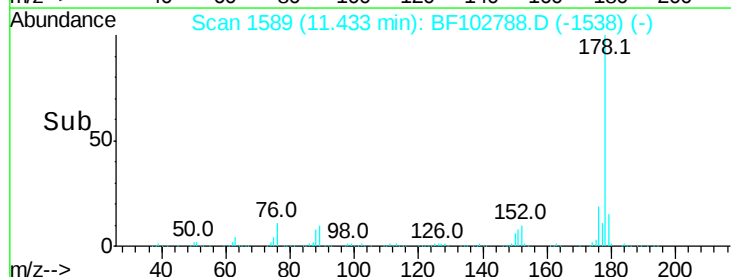
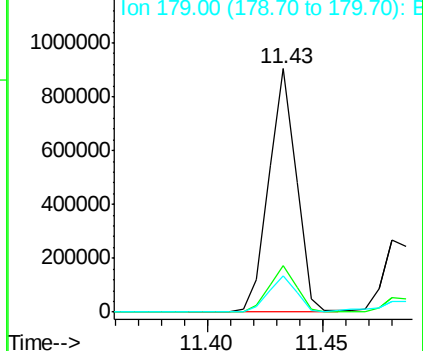


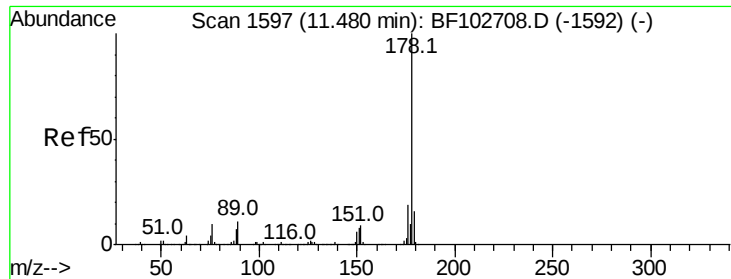
#70
 Phenanthrene
 Concen: 34.199 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: BF102788.D
 Acq: 6 Feb 2018 17:07

Tgt Ion:178 Resp: 750167
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.8
 179 15.1 13.0 19.6



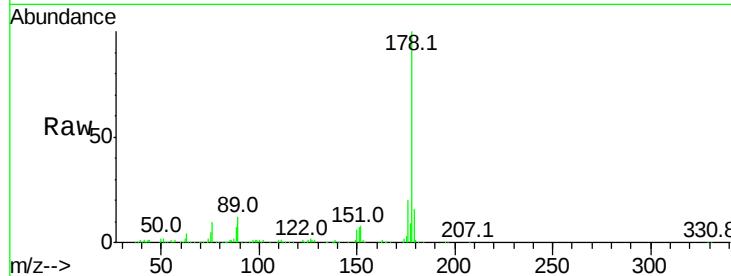
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71
 Anthracene
 Concen: 10.446 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF102788.D
 Acq: 6 Feb 2018 17:07

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.4	23.2
179	15.6	12.6	19.0

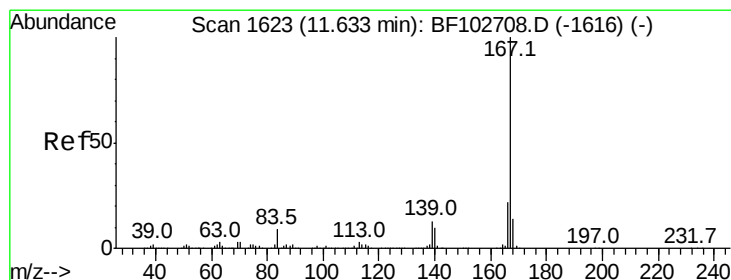
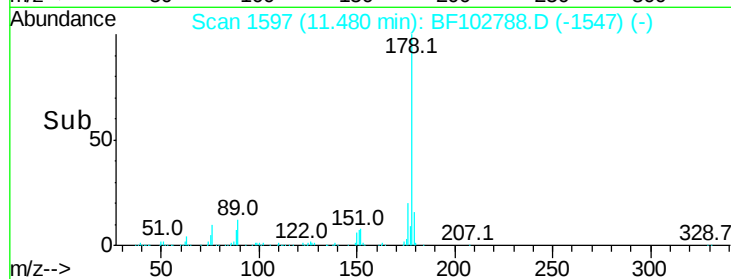
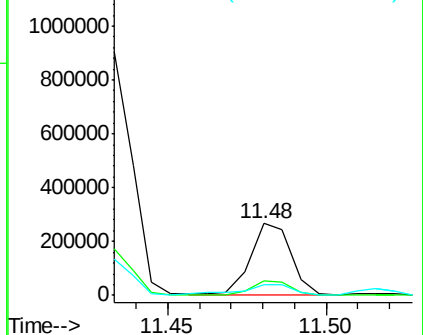


Abundance

Ion 178.00 (177.70 to 178.70): E

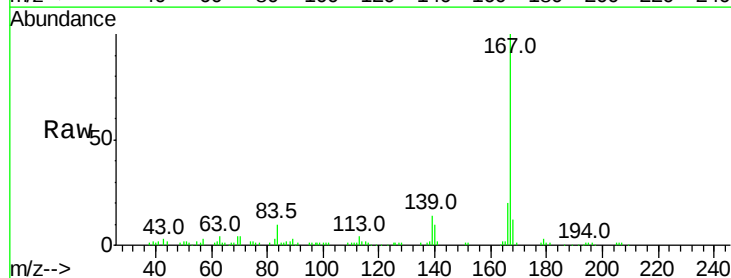
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
 Carbazole
 Concen: 3.089 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF102788.D
 Acq: 6 Feb 2018 17:07

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.4	17.6	26.4
139	13.8	10.9	16.3

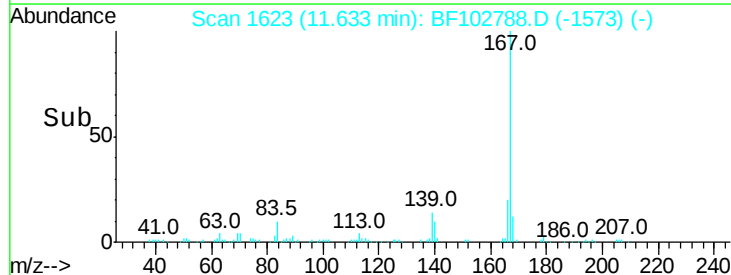
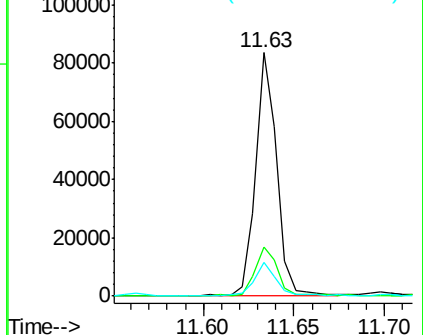


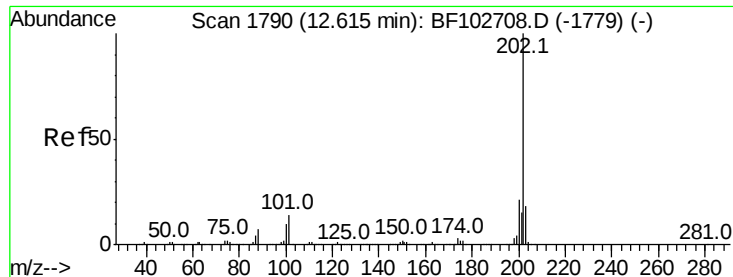
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

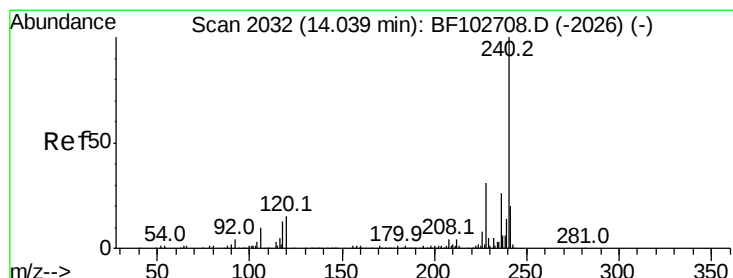
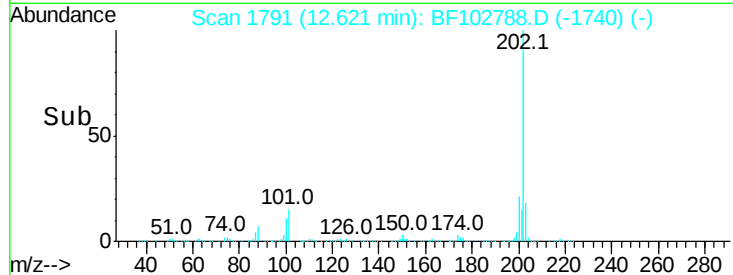
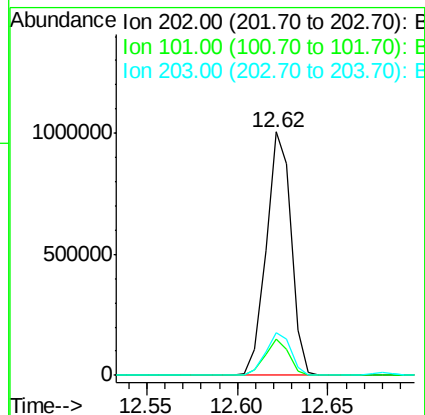
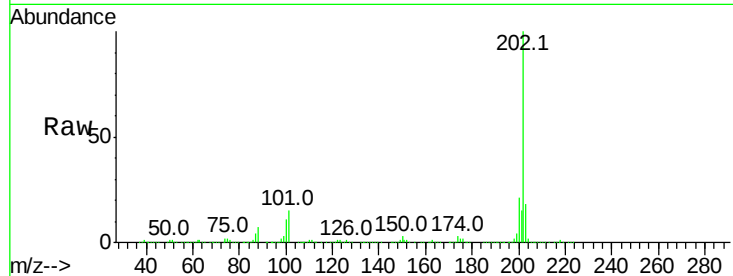
Ion 139.00 (138.70 to 139.70): E





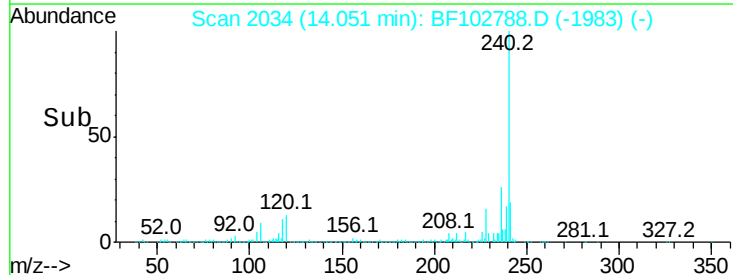
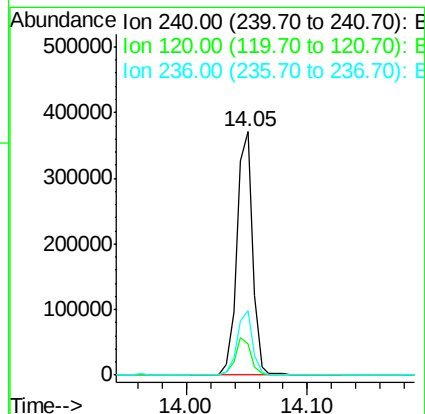
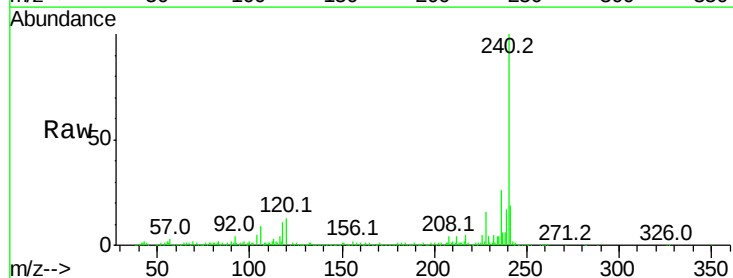
#74
 Fluoranthene
 Concen: 43.479 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: BF102788.D
 Acq: 6 Feb 2018 17:07

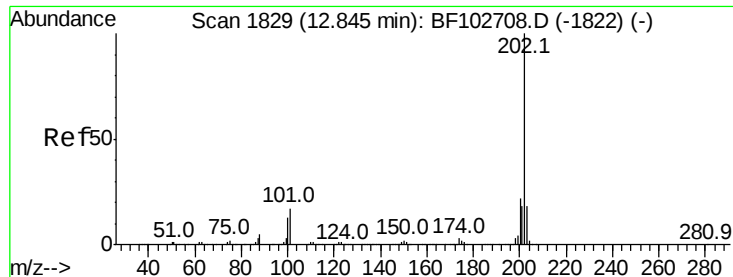
Tot Ion:	202	Resp:	959546
Ion	Ratio	Lower	Upper
202	100		
101	15.1	0.0	34.1
203	17.7	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: BF102788.D
 Acq: 6 Feb 2018 17:07

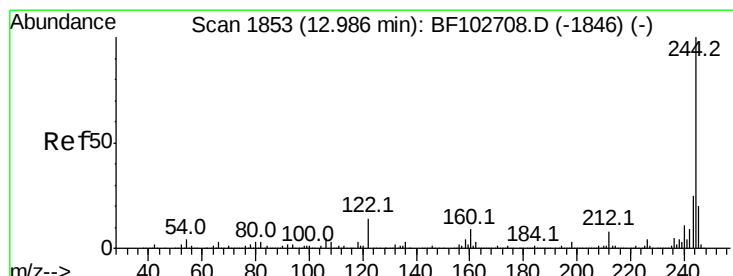
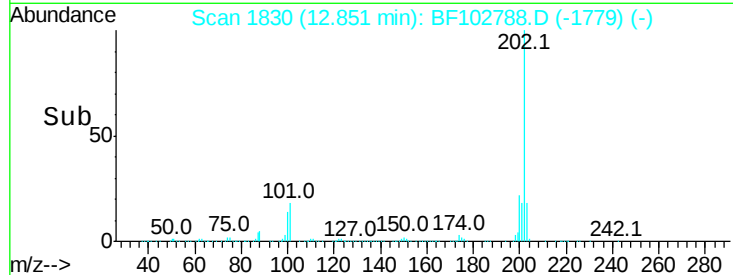
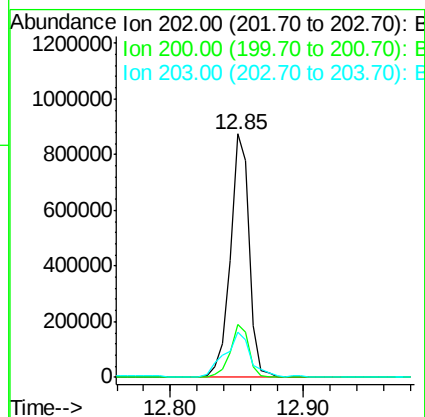
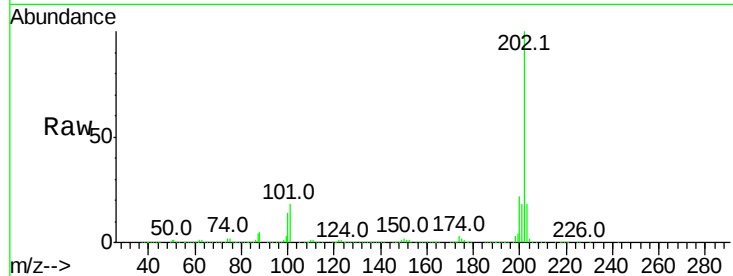
Tgt Ion:	240	Resp:	339630
Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.5	14.3
236	26.2	20.7	31.1





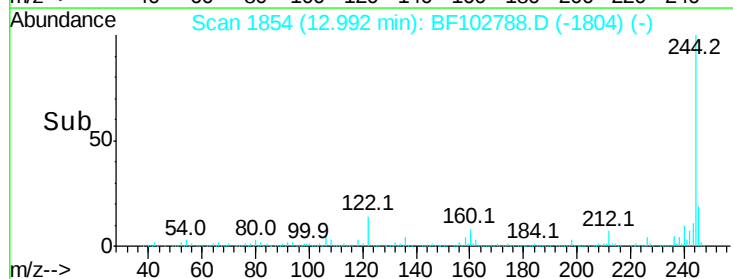
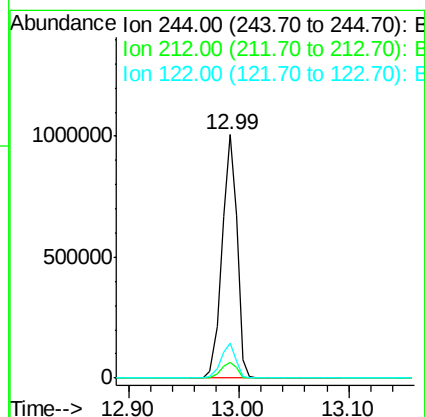
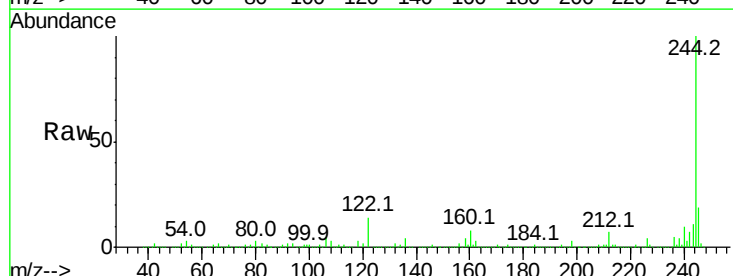
#77
Pvrene
Concen: 32.864 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BF102788.D
Acq: 6 Feb 2018 17:07

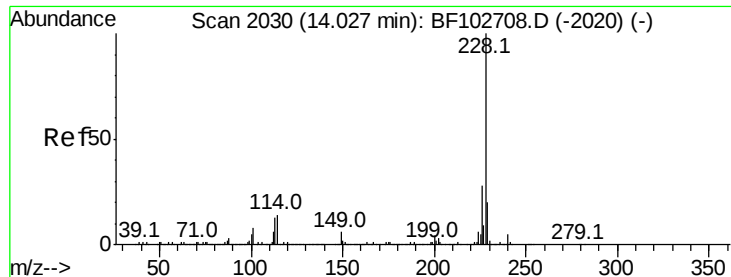
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	18.4	14.3	21.5



#78
Terphenyl-d14
Concen: 66.101 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF102788.D
Acq: 6 Feb 2018 17:07

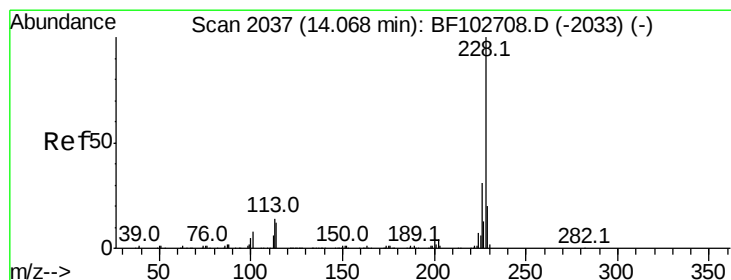
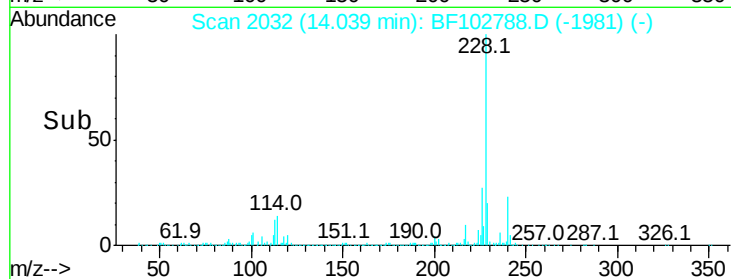
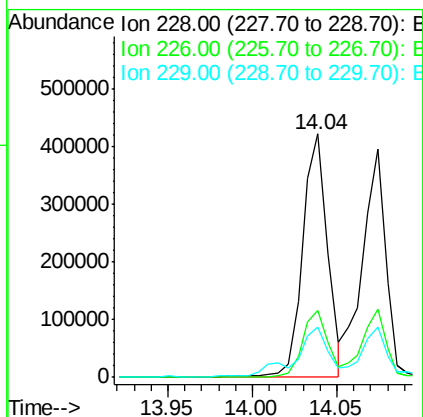
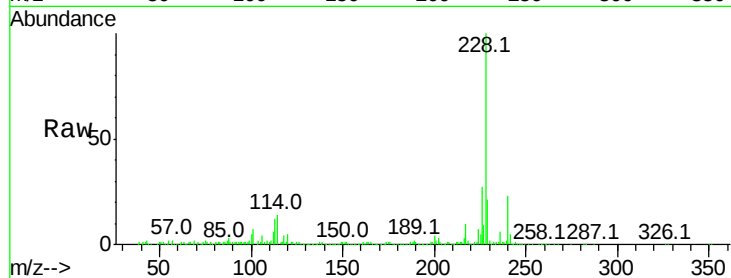
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	14.4	11.0	16.4





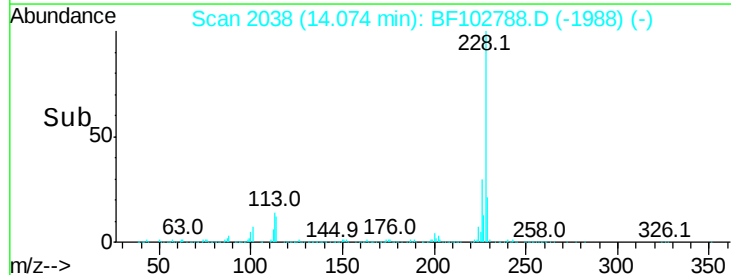
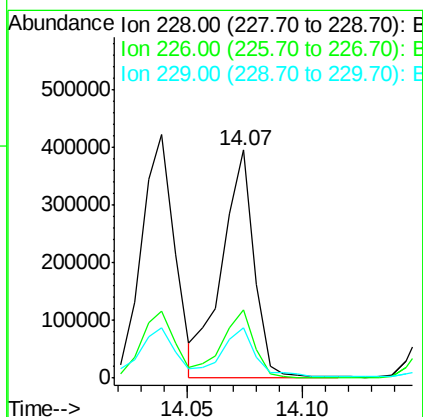
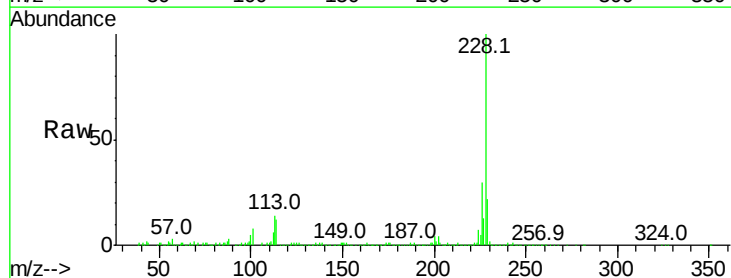
#80
Benzo(a)anthracene
Concen: 20.056 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF102788.D
Acq: 6 Feb 2018 17:07

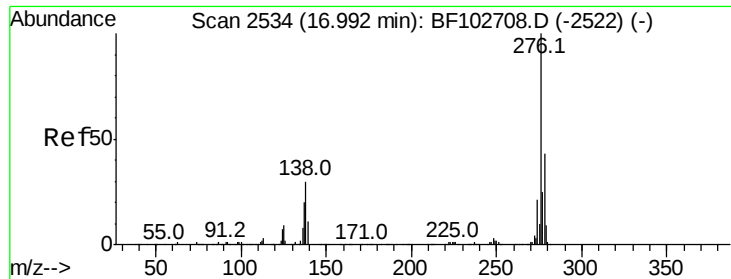
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	20.6	15.8	23.6



#82
Chrysene
Concen: 17.751 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF102788.D
Acq: 6 Feb 2018 17:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	21.8	16.2	24.4

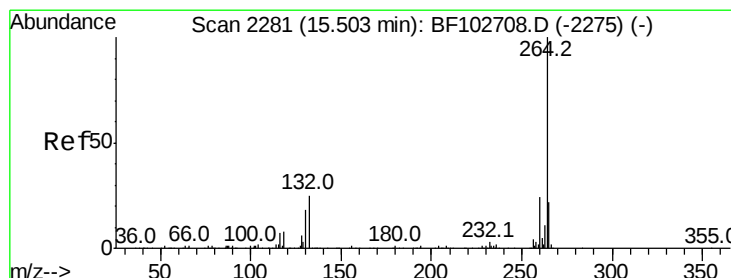
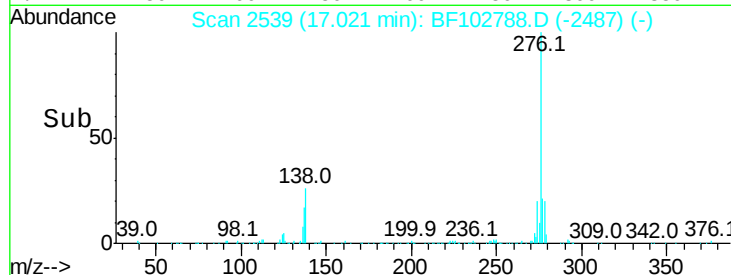
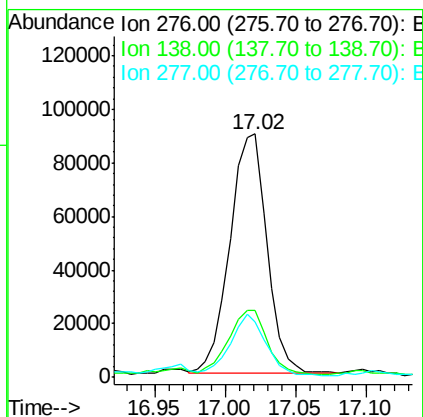
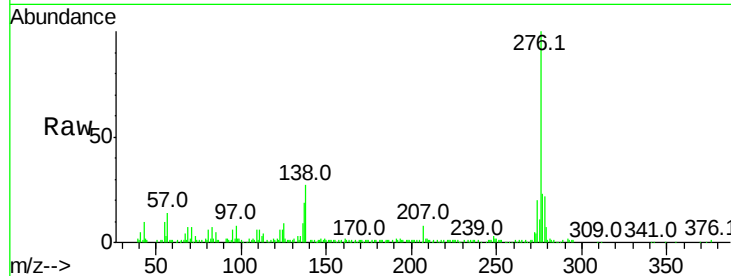




#85

Indeno(1,2,3-cd)pyrene
Concen: 9.114 ng
RT: 17.02 min Scan# 2539
Delta R.T. 0.01 min
Lab File: BF102788.D
Acq: 6 Feb 2018 17:07

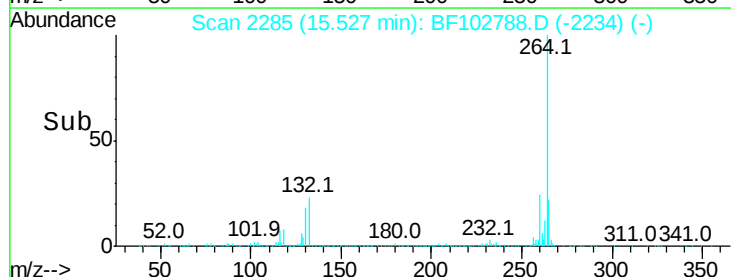
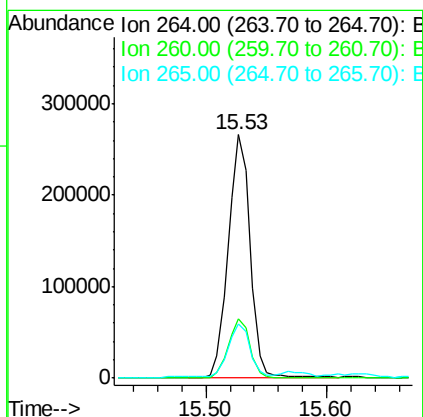
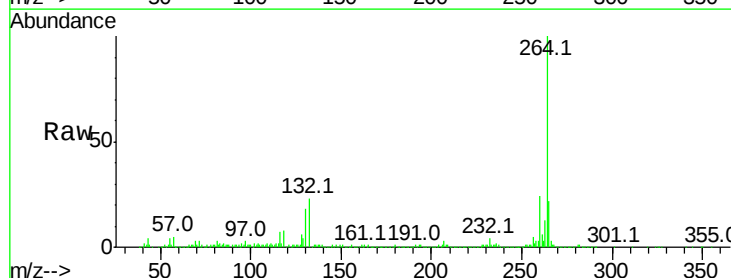
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.0	25.0	37.6
277	25.0	20.1	30.1

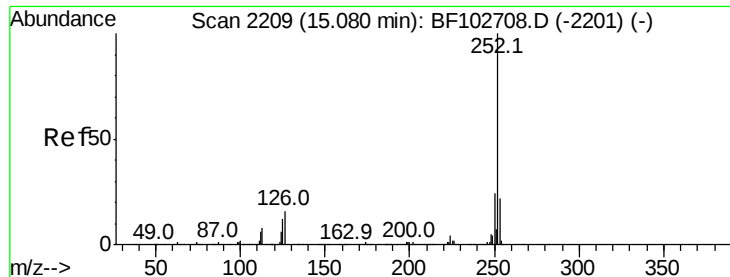


#86

Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.00 min
Lab File: BF102788.D
Acq: 6 Feb 2018 17:07

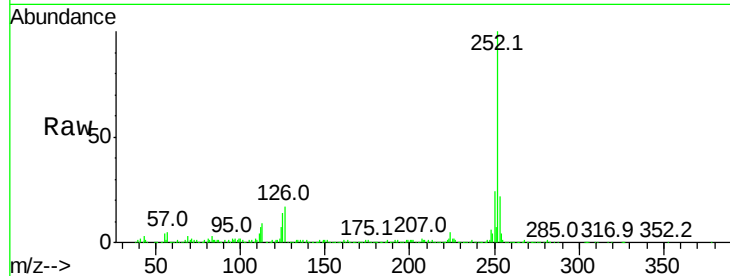
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.4	17.5	26.3



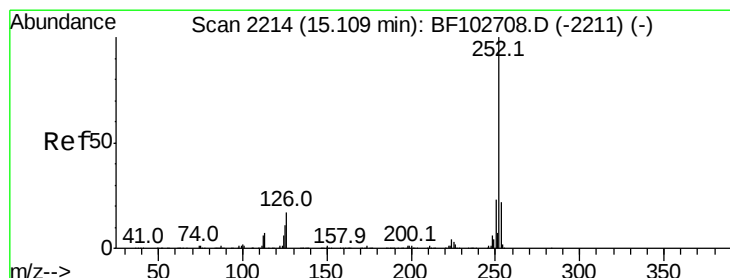
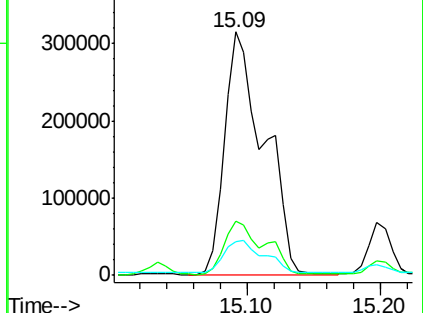
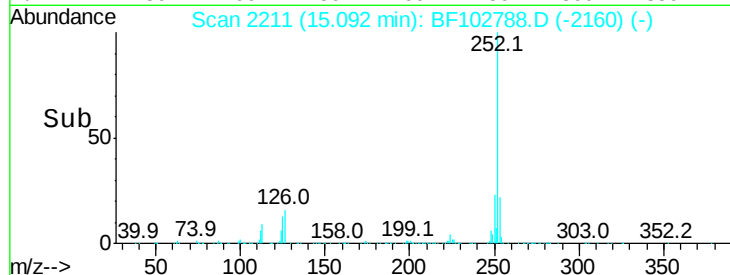


#87
Benzo(b)fluoranthene
Concen: 30.002 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BF102788.D
Acq: 6 Feb 2018 17:07

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	13.9	9.0	13.6

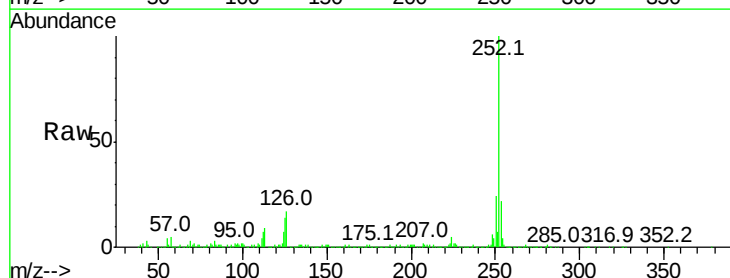


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

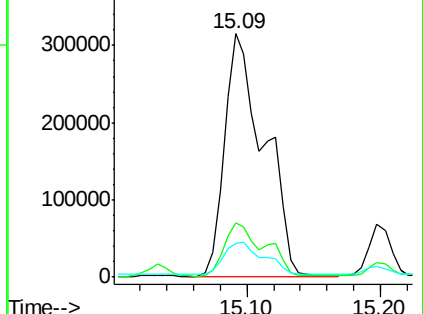
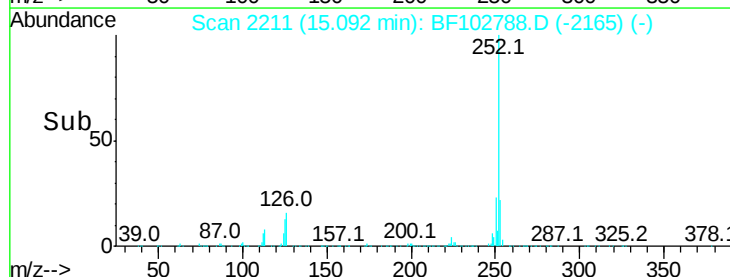


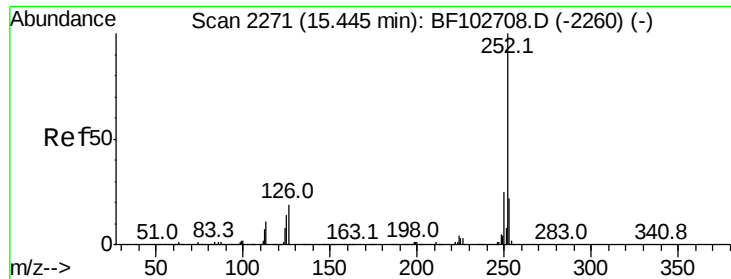
#88
Benzo(k)fluoranthene
Concen: 31.399 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.03 min
Lab File: BF102788.D
Acq: 6 Feb 2018 17:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	13.9	10.2	15.2



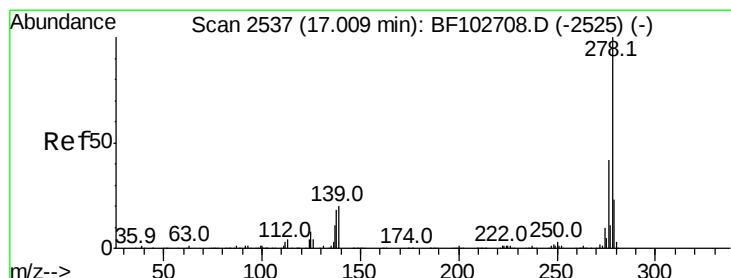
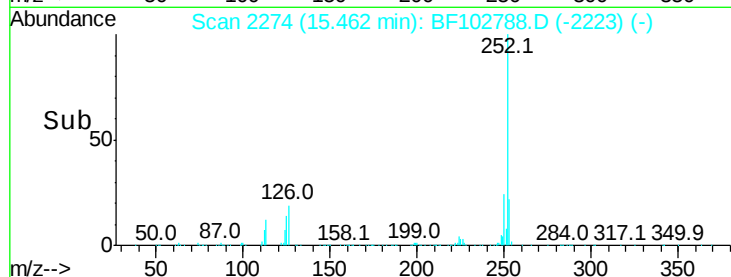
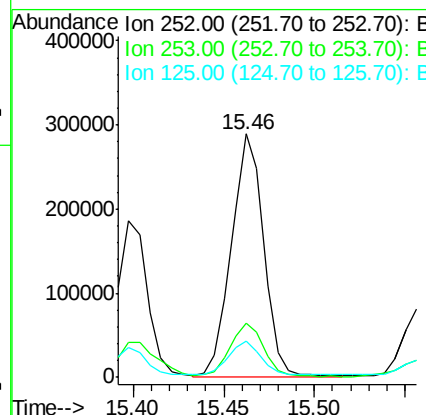
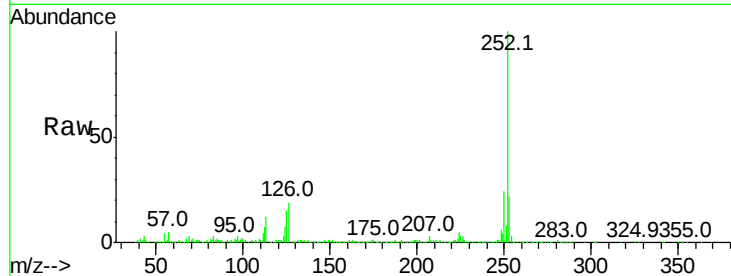
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





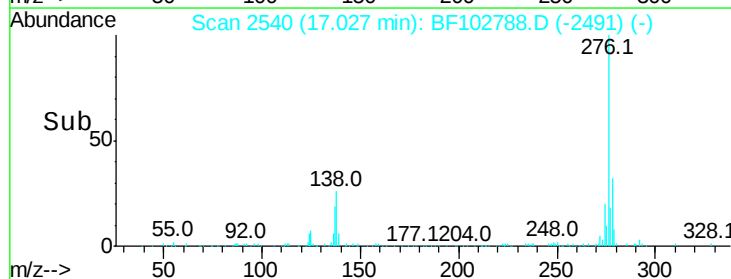
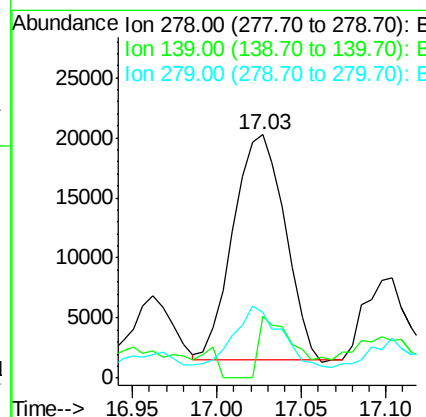
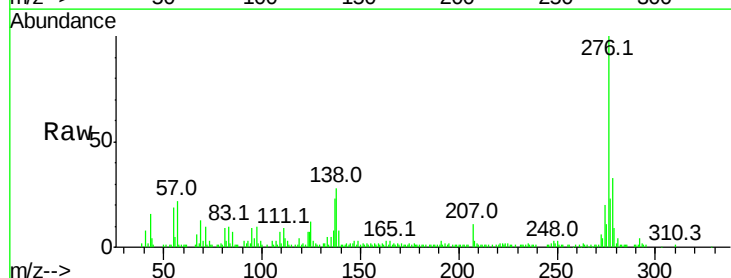
#89
Benzo(a)pyrene
Concen: 18.249 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.00 min
Lab File: BF102788.D
Acq: 6 Feb 2018 17:07

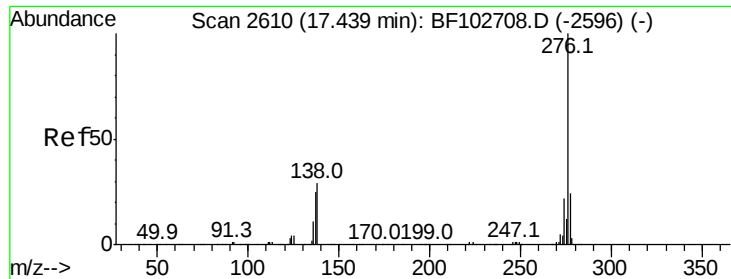
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	15.1	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 2.539 ng
RT: 17.03 min Scan# 2540
Delta R.T. -0.01 min
Lab File: BF102788.D
Acq: 6 Feb 2018 17:07

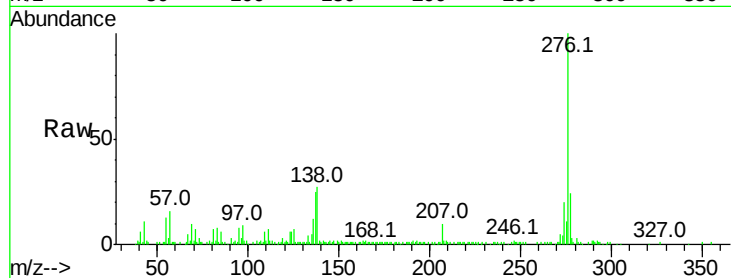
Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.3	15.9	23.9
279	27.2	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 10.160 ng
 RT: 17.47 min Scan# 2615
 Delta R.T. -0.01 min
 Lab File: BF102788.D
 Acq: 6 Feb 2018 17:07

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	17.9	26.9
138	26.7	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

