

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
 Data File : BF103611.D
 Acq On : 13 Mar 2018 18:21
 Operator : SJ/JU
 Sample : J1898-13MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 14 09:53:45 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	138531	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	599300	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	277961	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	489215	20.00	ng	0.00
75) Chrysene-d12	14.06	240	278195	20.00	ng	0.00
86) Perylene-d12	15.56	264	254095	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1513443	165.23	ng	0.00
7) Phenol-d6	6.51	99	1693513	151.10	ng	0.00
23) Nitrobenzene-d5	7.43	82	1146922	109.29	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	316564	134.55	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1532981	98.67	ng	0.00
78) Terphenyl-d14	12.99	244	1346888	116.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	143976	29.761	ng	93
3) Pyridine	3.51	79	375059m	29.040	ng	
4) n-Nitrosodimethylamine	3.42	42	233504m	44.829	ng	
6) Aniline	6.54	93	501472	31.002	ng	# 75
8) 2-Chlorophenol	6.65	128	415127	43.628	ng	92
9) Benzaldehyde	6.43	77	182599	23.867	ng	97
10) Phenol	6.52	94	570025m	43.810	ng	
11) bis(2-Chloroethyl)ether	6.60	93	382852	38.769	ng	94
12) 1,3-Dichlorobenzene	6.80	146	424057	38.998	ng	97
13) 1,4-Dichlorobenzene	6.87	146	461507	42.333	ng	99
14) 1,2-Dichlorobenzene	7.03	146	399777	39.769	ng	98
15) Benzyl Alcohol	7.02	79	342116	40.507	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	679312	40.059	ng	51
17) 2-Methylphenol	7.12	107	365581	42.278	ng	# 78
18) Hexachloroethane	7.36	117	150954	38.036	ng	93
19) n-Nitroso-di-n-propylamine	7.27	70	328008	47.023	ng	93
20) 3+4-Methylphenols	7.28	107	481082	45.640	ng	# 50
22) Acetophenone	7.27	105	618618	44.223	ng	# 90
24) Nitrobenzene	7.45	77	480880	41.620	ng	96
25) Isophorone	7.68	82	941385	45.548	ng	97
26) 2-Nitrophenol	7.76	139	243851	44.832	ng	91
27) 2,4-Dimethylphenol	7.80	122	406863	48.937	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	563279	46.354	ng	98
29) 2,4-Dichlorophenol	8.02	162	376173	47.259	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	335718	39.606	ng	99
31) Naphthalene	8.16	128	1269265	43.260	ng	100
32) Benzoic acid	7.95	122	115778	22.981	ng	94
33) 4-Chloroaniline	8.23	127	323269	25.532	ng	96
34) Hexachlorobutadiene	8.26	225	160369	36.332	ng	99
35) Caprolactam	8.61	113	121257m	43.344	ng	
36) 4-Chloro-3-methylphenol	8.72	107	436185	48.583	ng	98
37) 2-Methylnaphthalene	8.85	142	810230	42.729	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	306909	40.389	ng	99
40) Hexachlorocyclopentadiene	9.00	237	53740	26.718	ng	95

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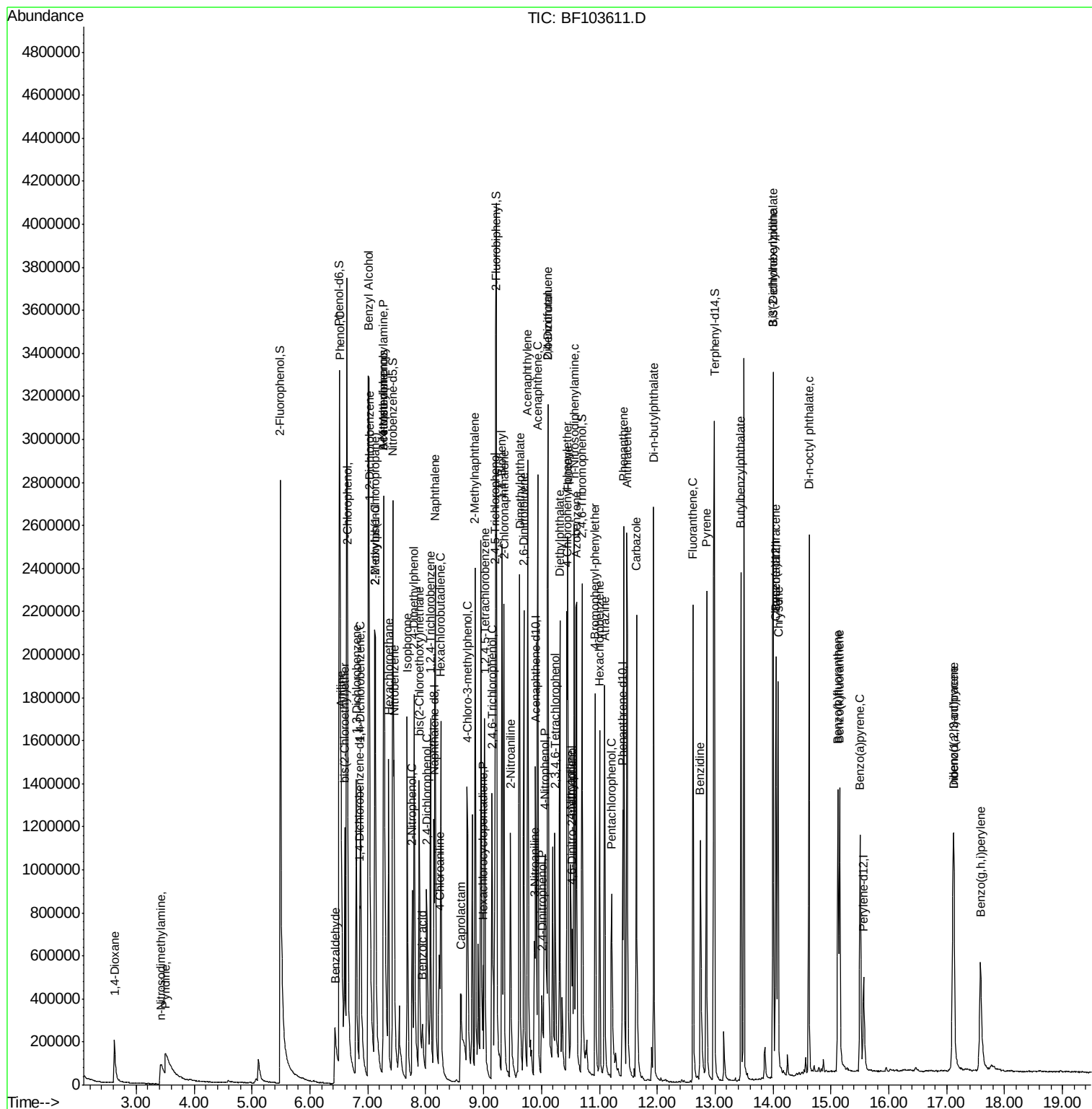
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

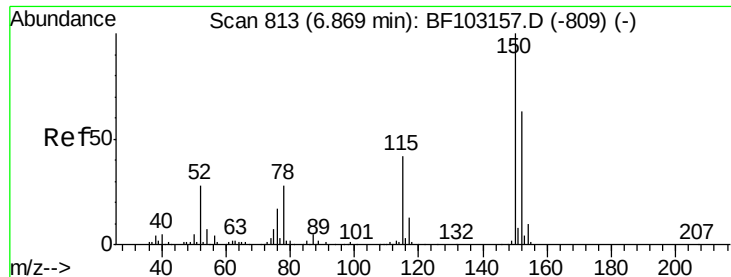
42) 2,4,6-Trichlorophenol	9.15	196	214190	41.890	nq	99
43) 2,4,5-Trichlorophenol	9.20	196	214160	36.417	nq	96
45) 1,1'-Biphenyl	9.32	154	923354	39.643	nq	99
46) 2-Chloronaphthalene	9.35	162	752449	40.834	nq	99
47) 2-Nitroaniline	9.46	65	322890	47.305	nq	88
48) Acenaphthylene	9.76	152	1102105	38.873	nq	99
49) Dimethylphthalate	9.62	163	935612	41.959	nq	100
50) 2,6-Dinitrotoluene	9.70	165	193382	41.326	nq	# 77
51) Acenaphthene	9.93	154	652195	39.450	nq	99
52) 3-Nitroaniline	9.88	138	168069	28.309	nq	99
53) 2,4-Dinitrophenol	10.00	184	87127	54.969	nq	# 20
54) Dibenzofuran	10.11	168	933946	41.153	nq	94
55) 4-Nitrophenol	10.06	139	178850	48.607	nq	# 83
56) 2,4-Dinitrotoluene	10.12	165	245838	41.539	nq	# 82
57) Fluorene	10.45	166	776333	40.157	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	168887	42.750	nq	# 97
59) Diethylphthalate	10.32	149	893916	41.915	nq	99
60) 4-Chlorophenyl-phenylether	10.44	204	345505	42.144	nq	99
61) 4-Nitroaniline	10.50	138	219021	36.935	nq	99
62) Azobenzene	10.60	77	974108	44.873	nq	94
64) 4,6-Dinitro-2-methylphenol	10.53	198	81495	29.503	nq	92
65) n-Nitrosodiphenylamine	10.56	169	702710	41.254	nq	99
66) 4-Bromophenyl-phenylether	10.93	248	202300	39.697	nq	98
67) Hexachlorobenzene	11.00	284	208700	37.730	nq	99
68) Atrazine	11.09	200	212695	41.544	nq	99
69) Pentachlorophenol	11.21	266	153388	57.352	nq	99
70) Phenanthrene	11.42	178	1064923	39.554	nq	99
71) Anthracene	11.47	178	1167590	42.292	nq	100
72) Carbazole	11.64	167	1159949	42.191	nq	99
73) Di-n-butylphthalate	11.94	149	1426079	41.454	nq	100
74) Fluoranthene	12.62	202	1044606	38.611	nq	98
76) Benzidine	12.75	184	591800	56.902	nq	97
77) Pyrene	12.85	202	1026319	47.318	nq	99
79) Butylbenzylphthalate	13.45	149	584659	51.019	nq	94
80) Benzo(a)anthracene	14.05	228	724146	40.118	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	240597	37.349	nq	99
82) Chrysene	14.09	228	743164	42.403	nq	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	708149	45.792	nq	# 99
84) Di-n-octyl phthalate	14.62	149	1214606	48.612	nq	97
85) Indeno(1,2,3-cd)pyrene	17.12	276	656814	47.337	nq	98
87) Benzo(b)fluoranthene	15.12	252	606443	36.300	nq	98
88) Benzo(k)fluoranthene	15.15	252	685606	43.581	nq	99
89) Benzo(a)pyrene	15.50	252	620112	41.565	nq	98
90) Dibenzo(a,h)anthracene	17.12	278	551388	47.830	nq	98
91) Benzo(g,h,i)perylene	17.59	276	551432	48.943	nq	97

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

```
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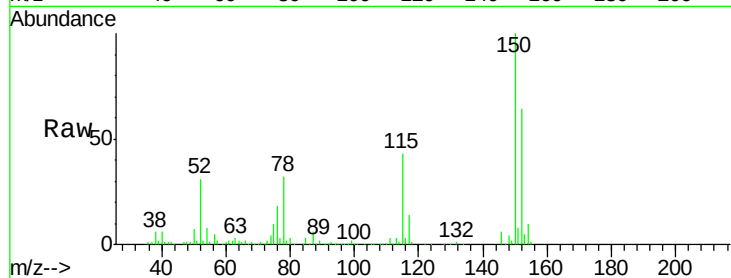




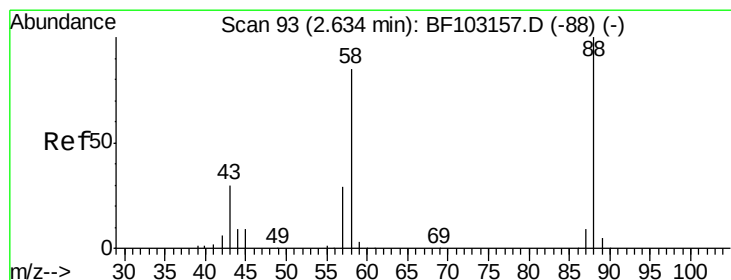
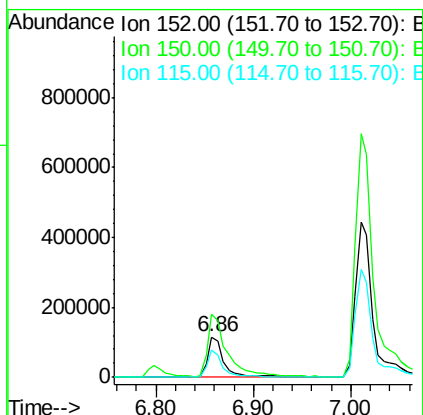
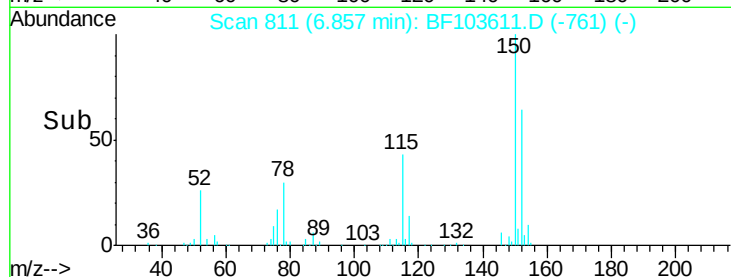
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	67.2	50.1	75.1



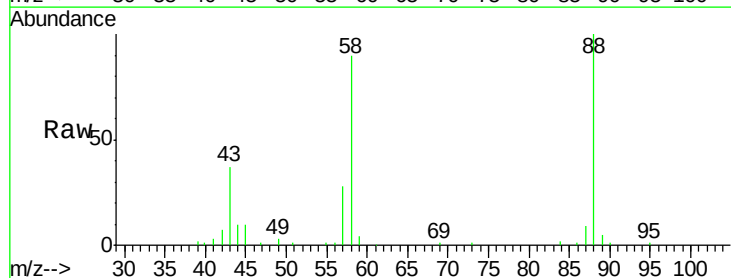
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



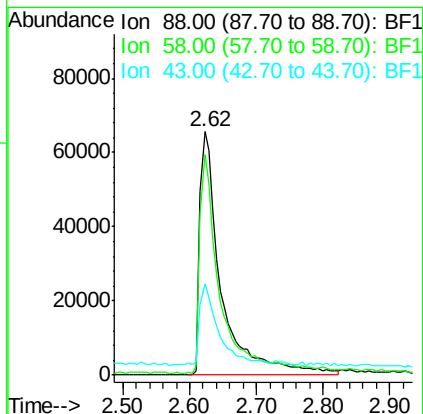
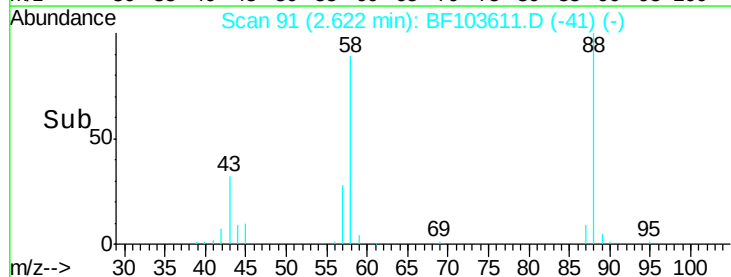
#2

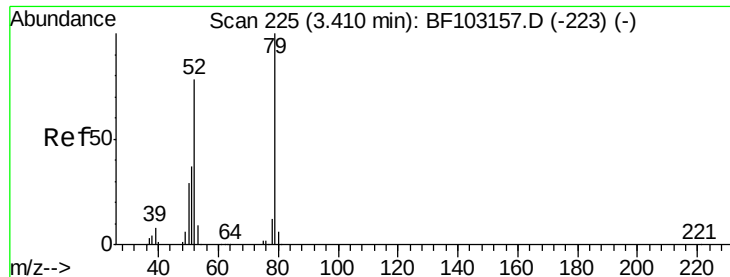
1,4-Dioxane
Concen: 29.761 ng
RT: 2.62 min Scan# 91
Delta R.T. -0.01 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.6	62.6	93.8
43	27.8	24.6	37.0



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





#3

Pvridine

Concen: 29.040 ng m

RT: 3.51 min Scan# 242

Delta R.T. 0.08 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

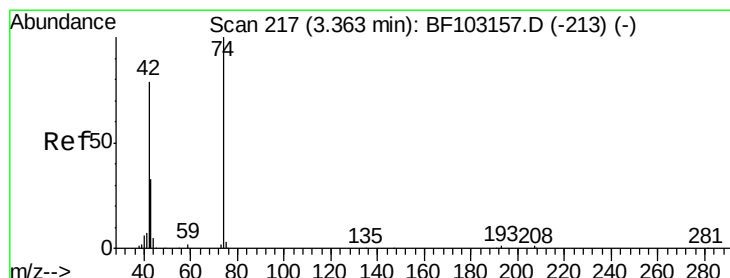
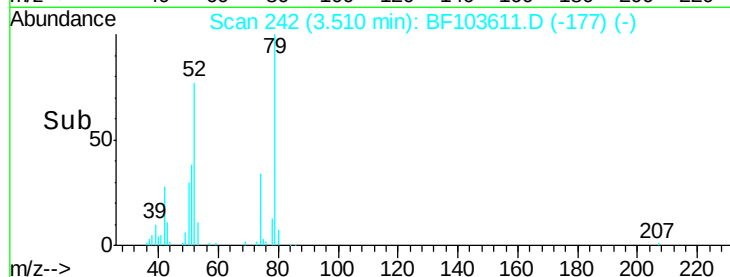
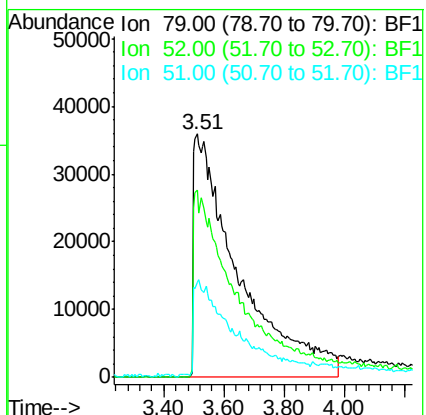
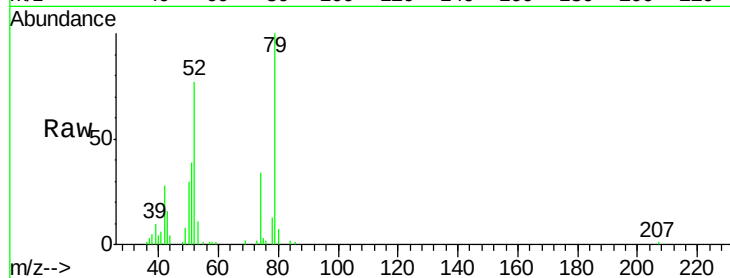
Tot Ion: 79 Resp: 375059

Ion Ratio Lower Upper

79 100

52 77.0 59.8 89.6

51 38.9 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 44.829 ng m

RT: 3.42 min Scan# 226

Delta R.T. 0.03 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

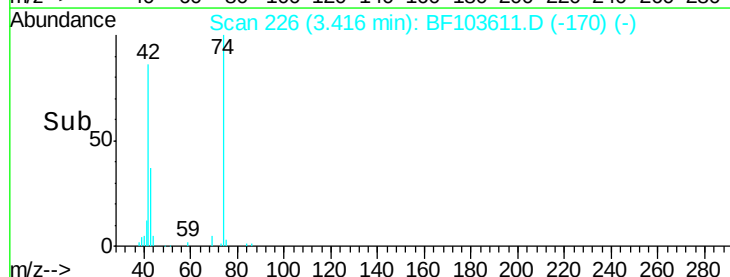
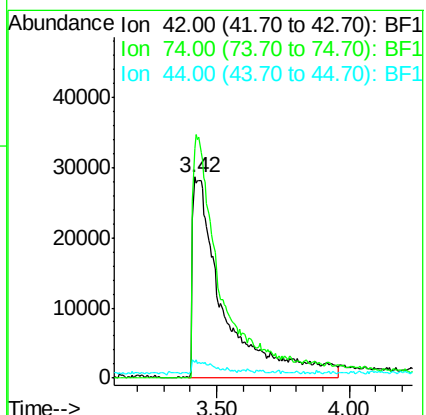
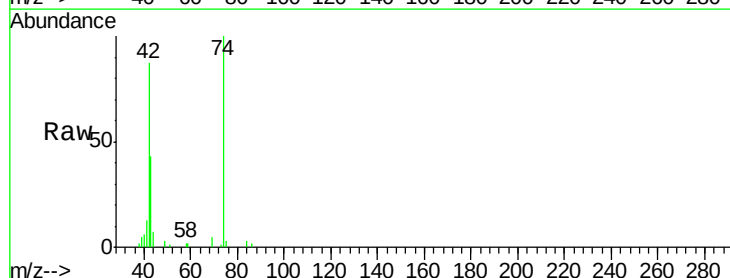
Tgt Ion: 42 Resp: 233504

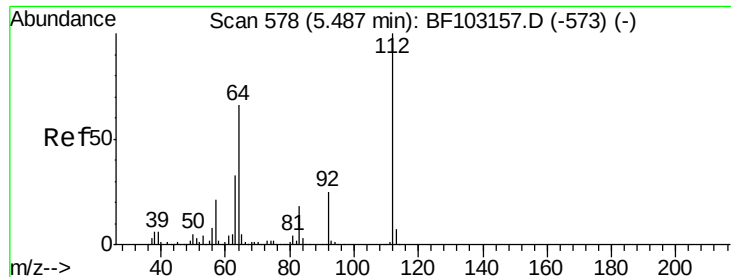
Ion Ratio Lower Upper

42 100

74 114.3 104.9 157.3

44 8.0 6.9 10.3





#5

2-Fluorophenol

Concen: 165.232 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.00 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

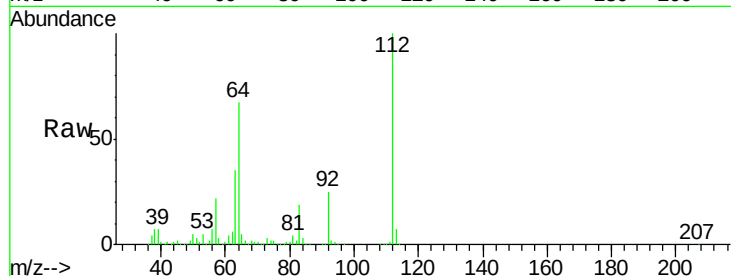
Tot Ion:112 Resp: 1513443

Ion Ratio Lower Upper

112 100

64 67.4 47.9 71.9

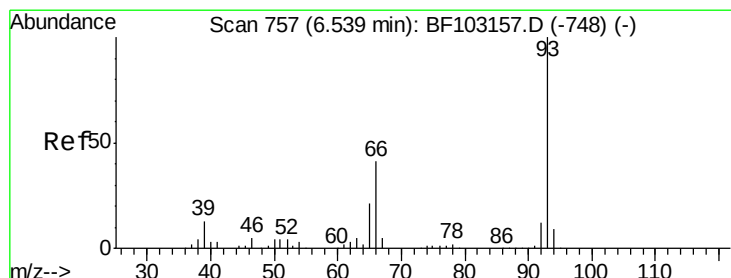
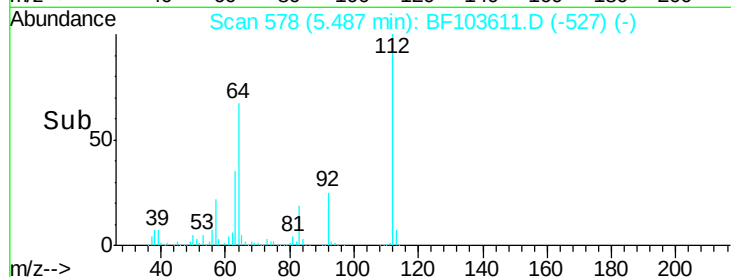
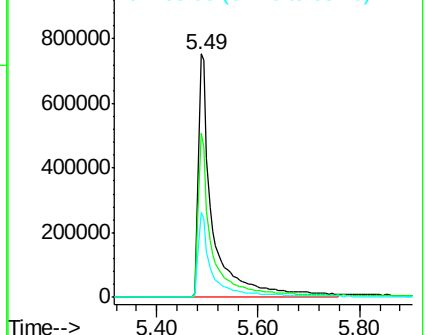
63 34.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.002 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

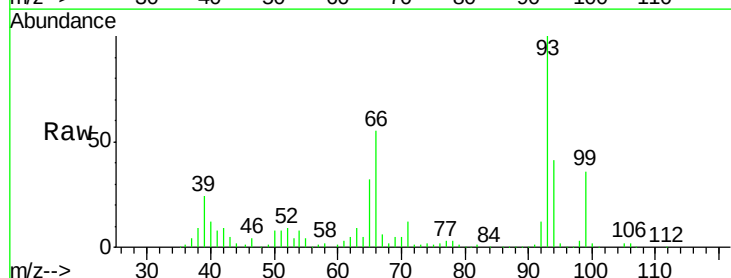
Tgt Ion: 93 Resp: 501472

Ion Ratio Lower Upper

93 100

66 55.4 32.2 48.2#

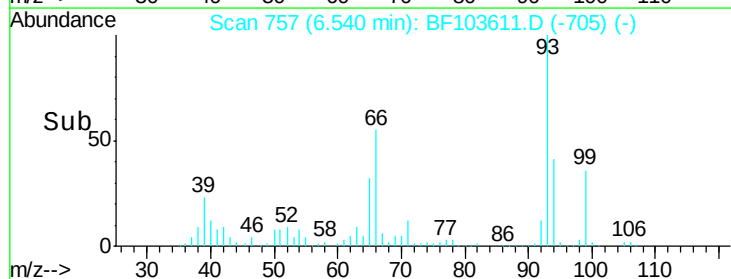
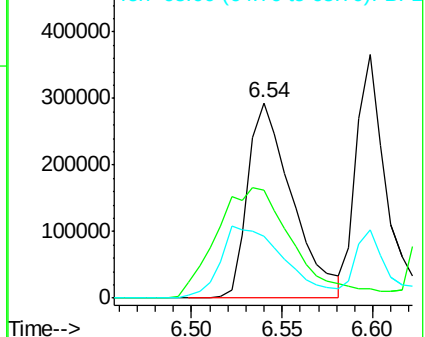
65 32.0 16.4 24.6#

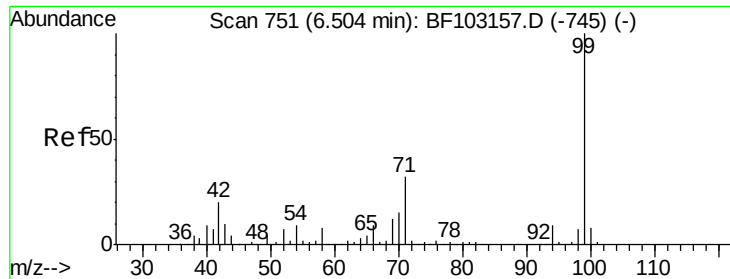


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 151.098 ng

RT: 6.51 min Scan# 752

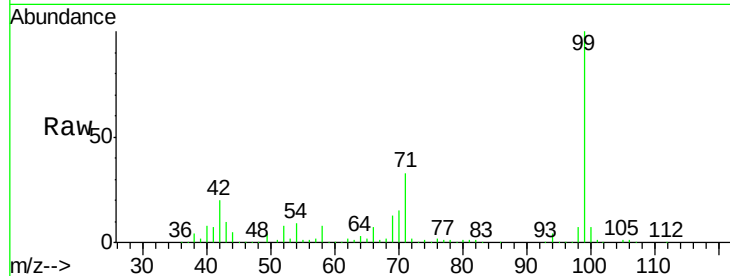
Delta R.T. 0.00 min

Lab File: BF103611.D

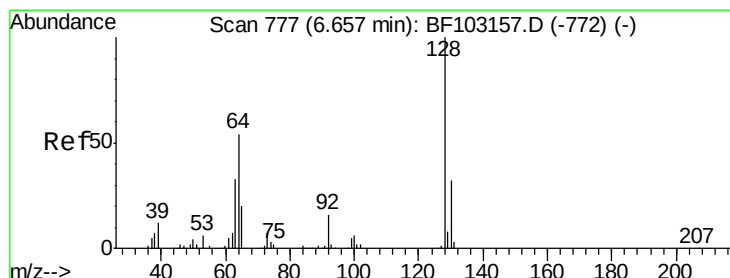
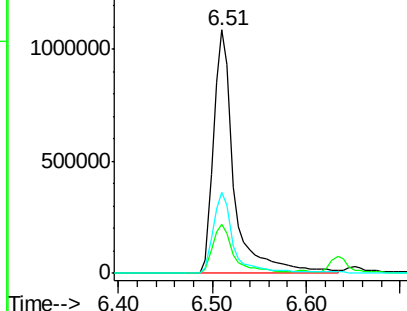
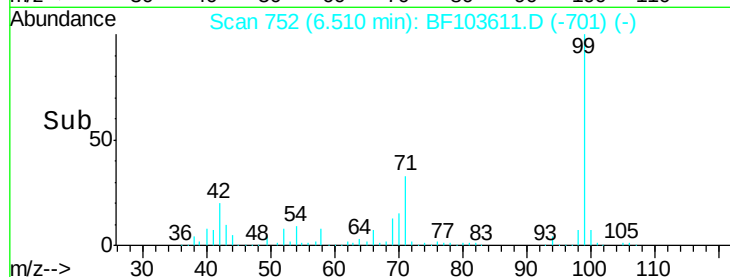
Acq: 13 Mar 2018 18:21

Tot Ion: 99 Resp: 1693513

Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.5	21.7
71	33.3	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.628 ng

RT: 6.65 min Scan# 776

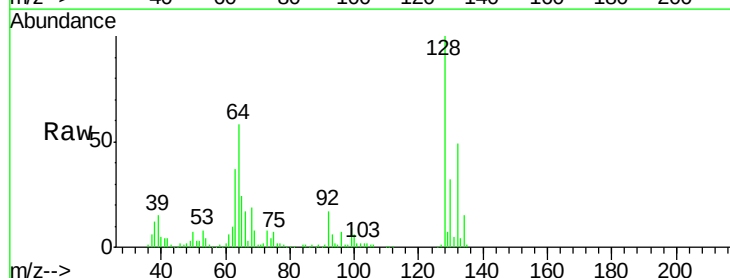
Delta R.T. -0.01 min

Lab File: BF103611.D

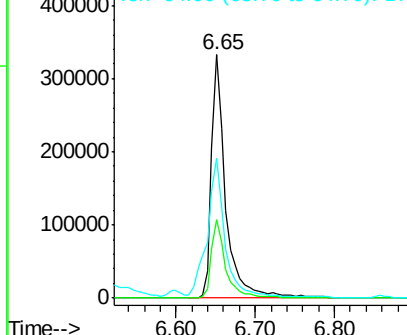
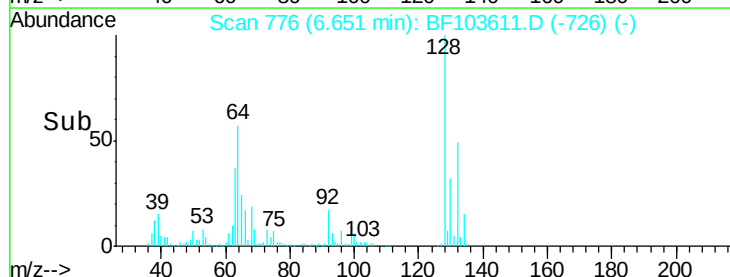
Acq: 13 Mar 2018 18:21

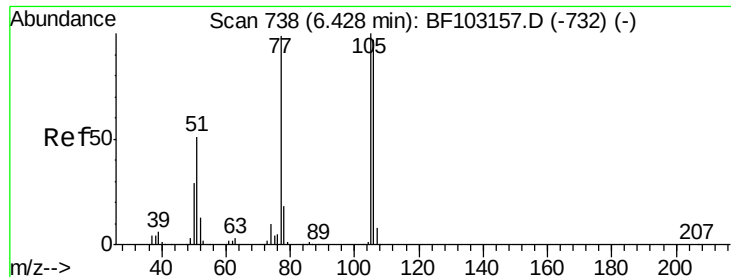
Tgt Ion: 128 Resp: 415127

Ion	Ratio	Lower	Upper
128	100		
130	32.2	13.0	53.0
64	57.6	29.4	69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 23.867 ng

RT: 6.43 min Scan# 739

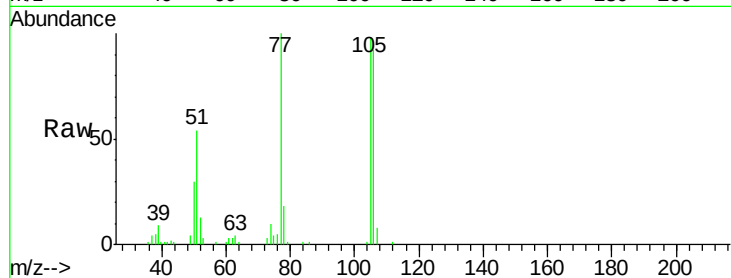
Delta R.T. 0.01 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

Tot Ion: 77 Resp: 182599

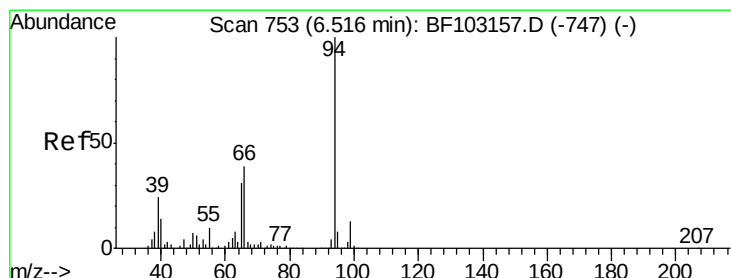
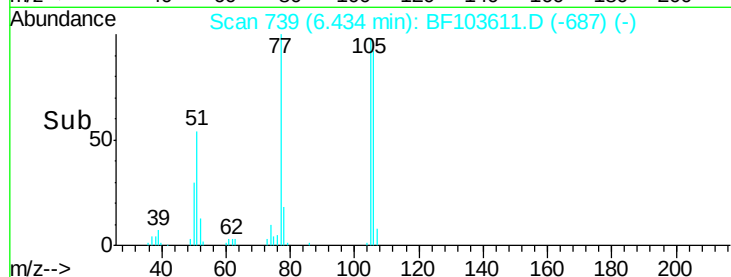
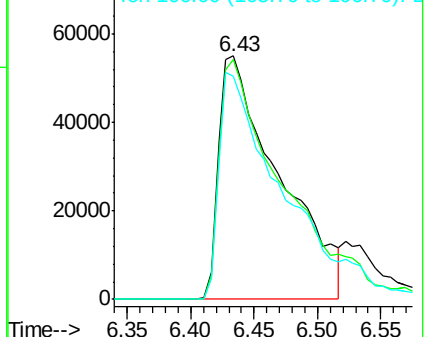
Ion	Ratio	Lower	Upper
77	100		
105	98.3	81.1	121.1
106	91.8	74.5	114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 43.810 ng m

RT: 6.52 min Scan# 754

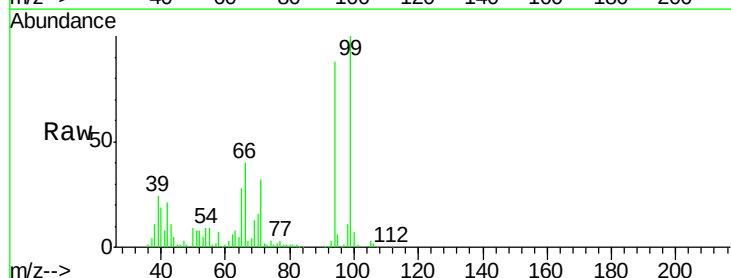
Delta R.T. 0.00 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

Tgt Ion: 94 Resp: 570025

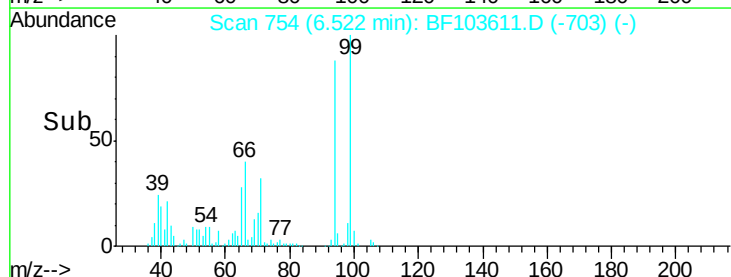
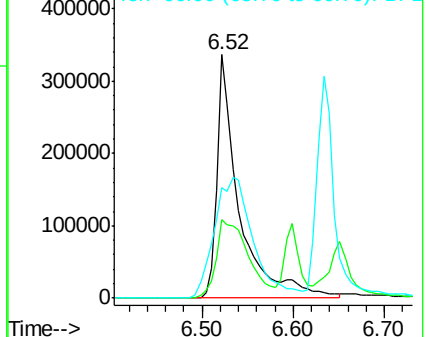
Ion	Ratio	Lower	Upper
94	100		
65	32.4	7.9	47.9
66	45.2	16.2	56.2

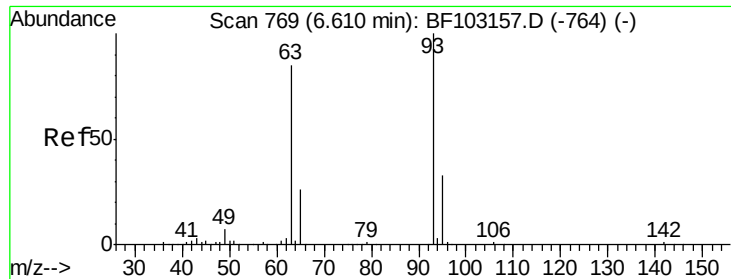


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.769 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

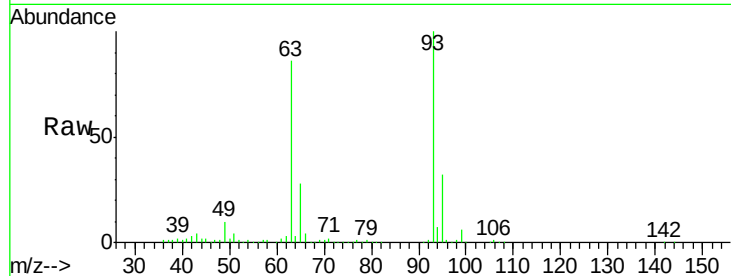
Tot Ion: 93 Resp: 382852

Ion Ratio Lower Upper

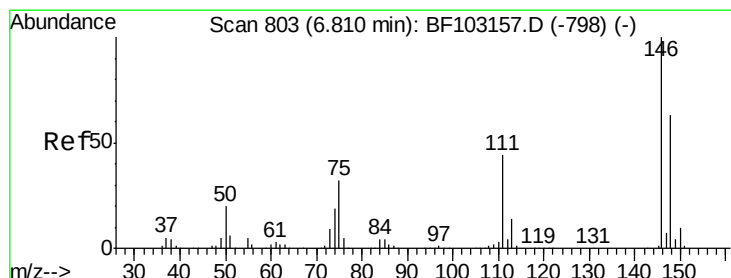
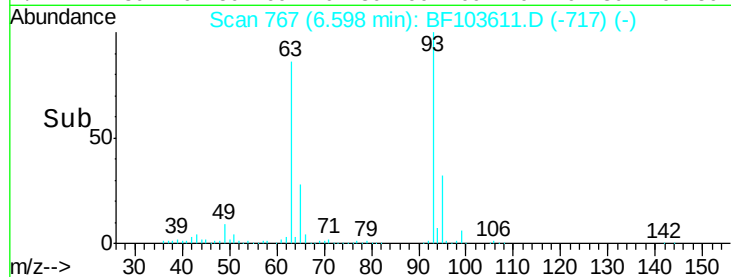
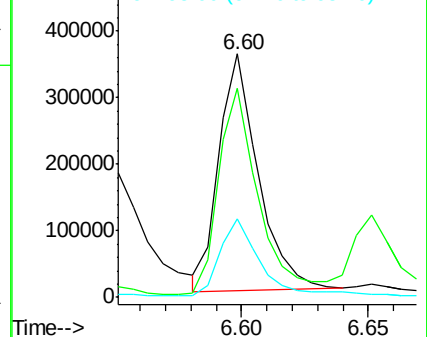
93 100

63 85.9 58.6 98.6

95 32.1 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



#12

1,3-Dichlorobenzene

Concen: 38.998 ng

RT: 6.80 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

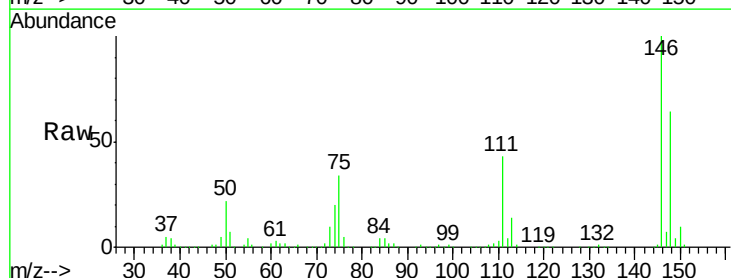
Tgt Ion: 146 Resp: 424057

Ion Ratio Lower Upper

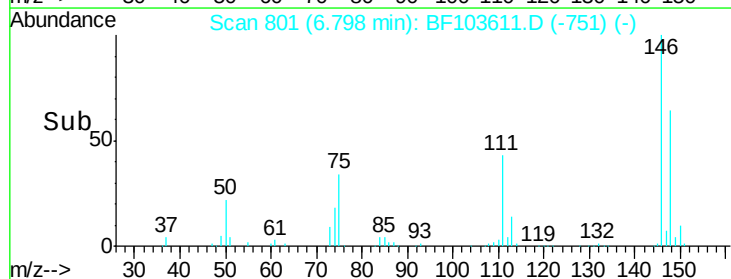
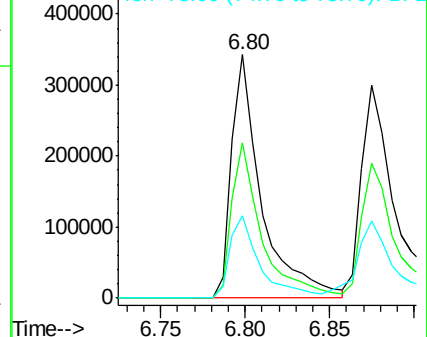
146 100

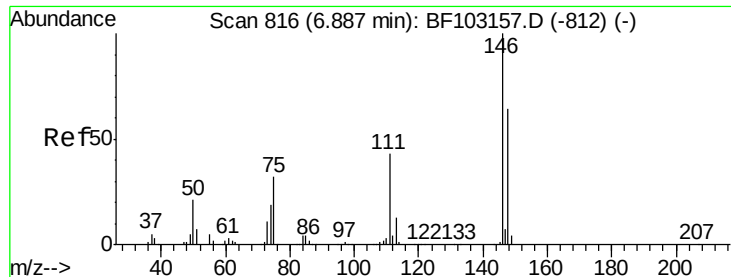
148 63.6 51.8 77.8

75 33.9 24.2 36.4



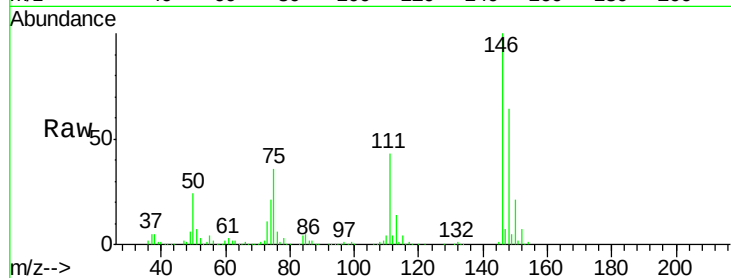
Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1



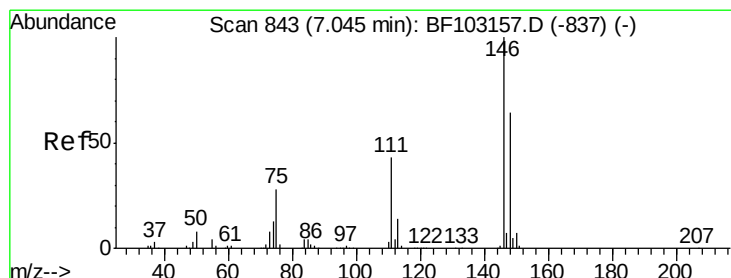
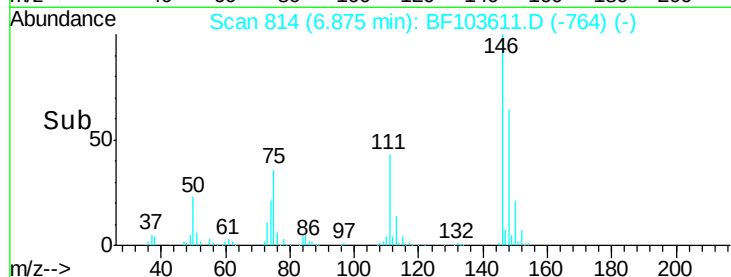
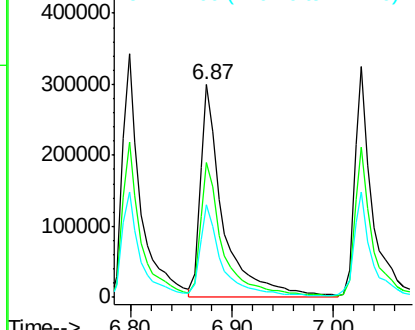


#13
1,4-Dichlorobenzene
Concen: 42.333 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

Tot Ion:146 Resp: 461507
Ion Ratio Lower Upper
146 100
148 63.5 50.8 76.2
111 43.5 34.2 51.2

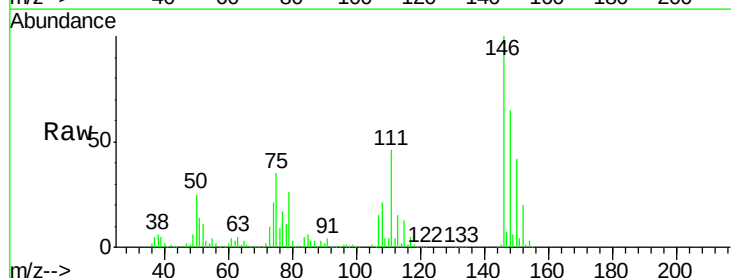


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

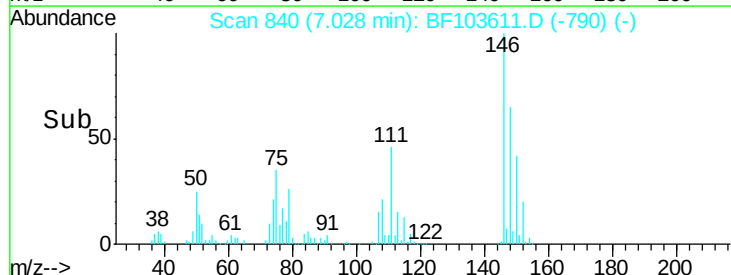
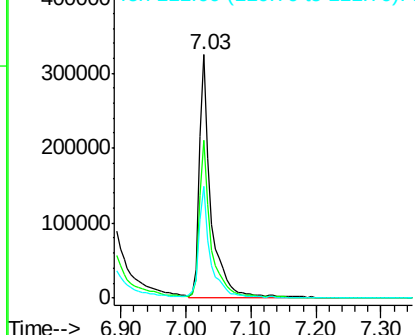


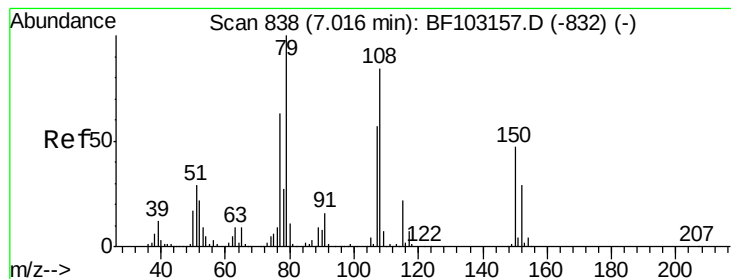
#14
1,2-Dichlorobenzene
Concen: 39.769 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

Tgt Ion:146 Resp: 399777
Ion Ratio Lower Upper
146 100
148 65.0 50.6 75.8
111 45.8 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 40.507 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

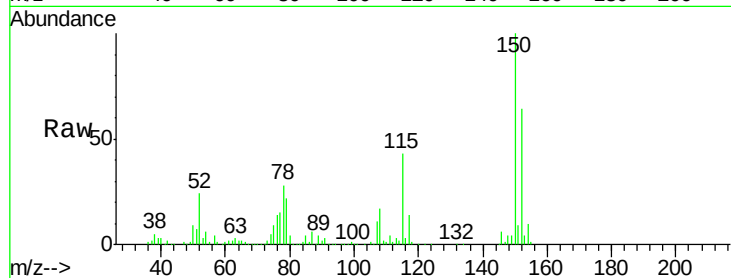
Tot Ion: 79 Resp: 342116

Ion Ratio Lower Upper

79 100

108 76.7 65.1 97.7

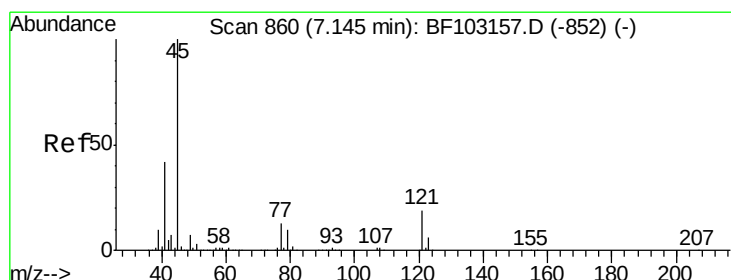
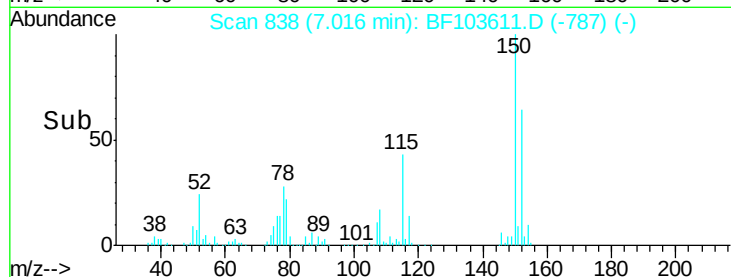
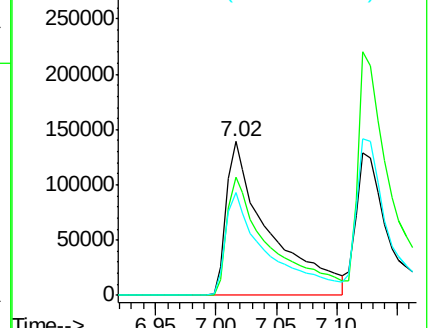
77 66.7 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.059 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

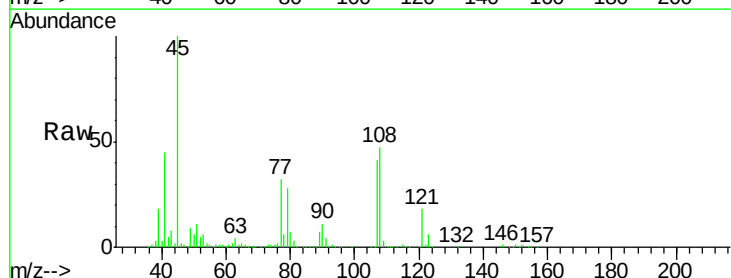
Tgt Ion: 45 Resp: 679312

Ion Ratio Lower Upper

45 100

77 31.7 0.0 32.9

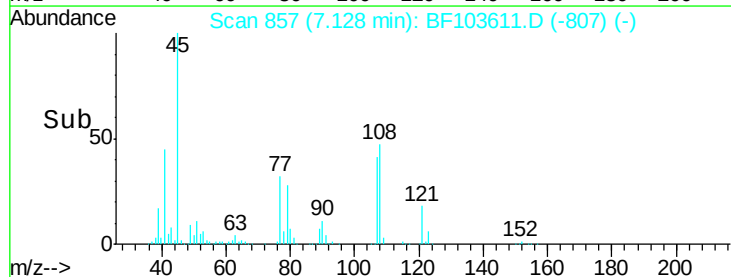
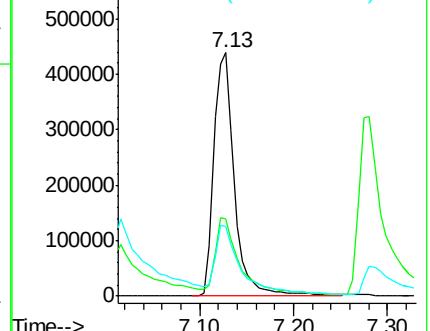
79 28.3 0.0 29.6

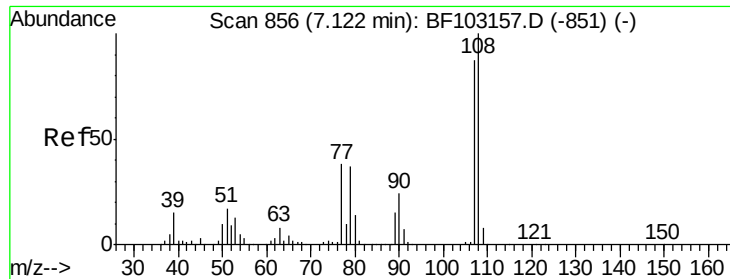


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 42.278 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

Tot Ion:107 Resp: 365581

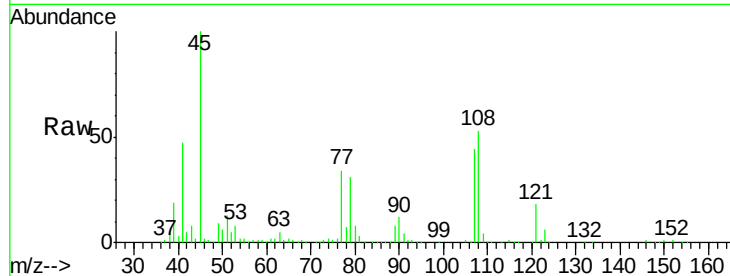
Ion Ratio Lower Upper

107 100

108 118.1 91.7 137.5

77 75.8 33.8 50.8#

79 68.9 33.8 50.8#

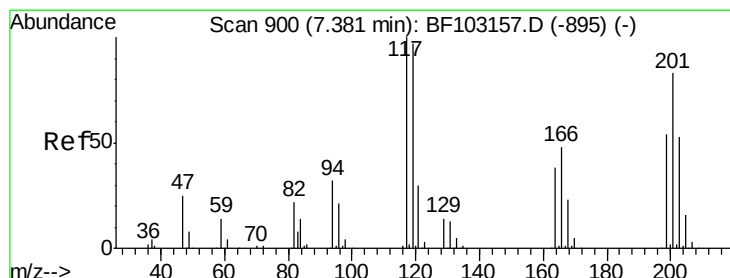
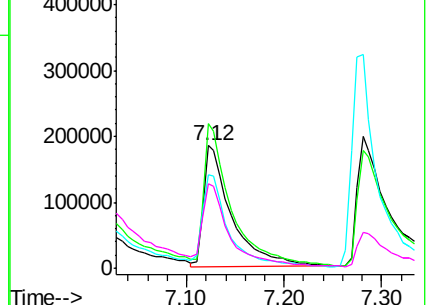
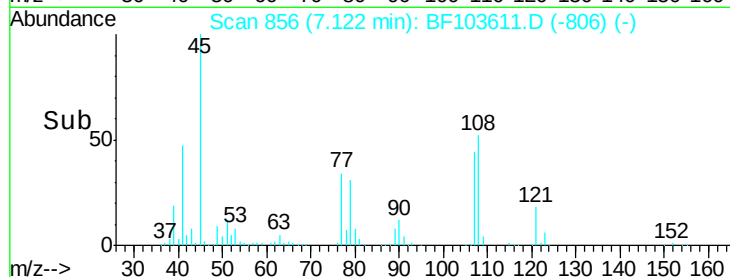


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 38.036 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

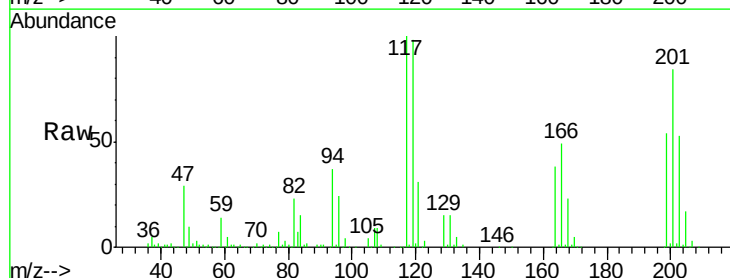
Tgt Ion:117 Resp: 150954

Ion Ratio Lower Upper

117 100

119 97.9 75.8 113.8

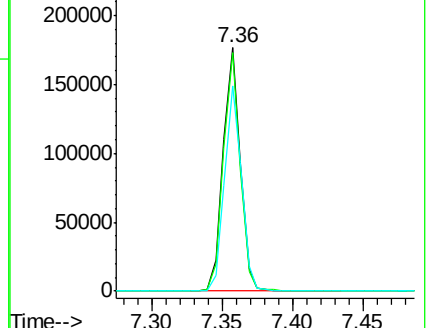
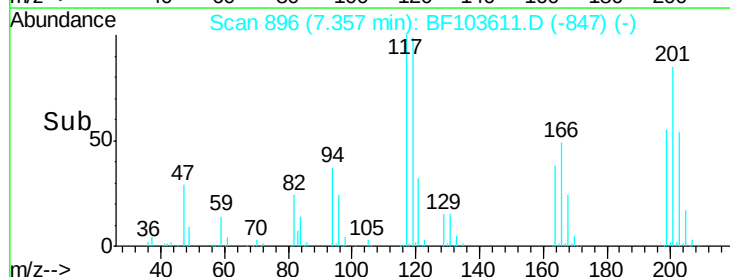
201 84.4 75.7 113.5

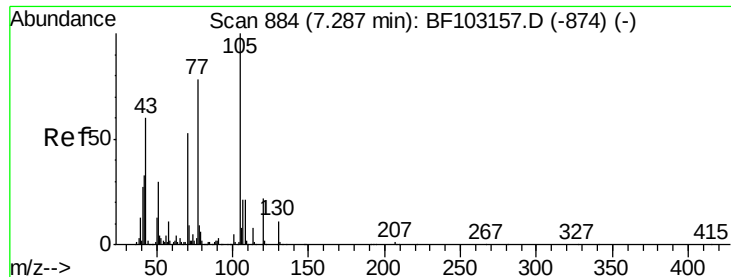


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

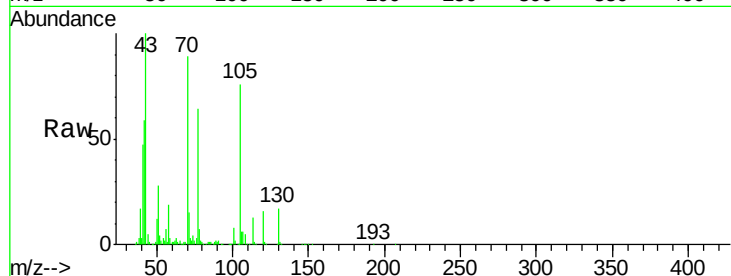
Ion 201.00 (200.70 to 201.70): E



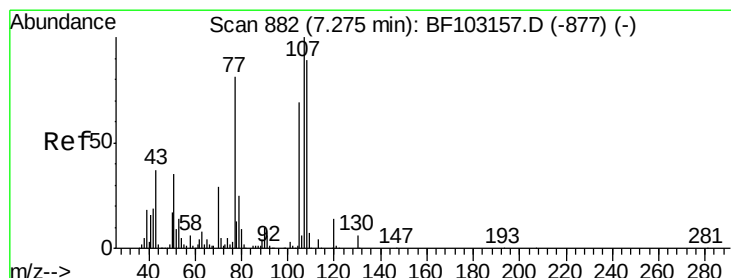
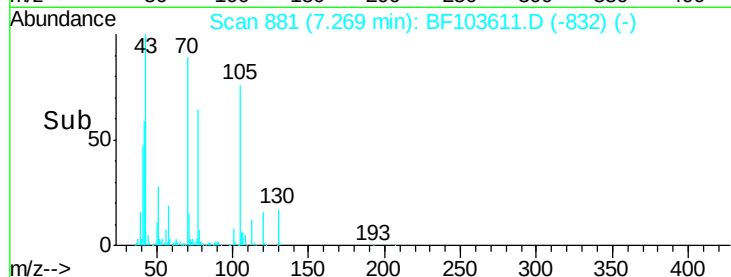
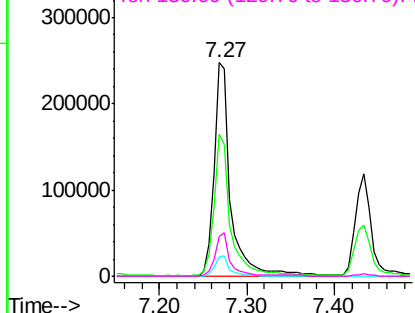


#19
n-Nitroso-di-n-propylamine
Concen: 47.023 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

Tot Ion:	70	Resp:	328008
Ion	Ratio	Lower	Upper
70	100		
42	66.5	47.5	71.3
101	8.8	7.4	11.2
130	18.6	16.6	25.0

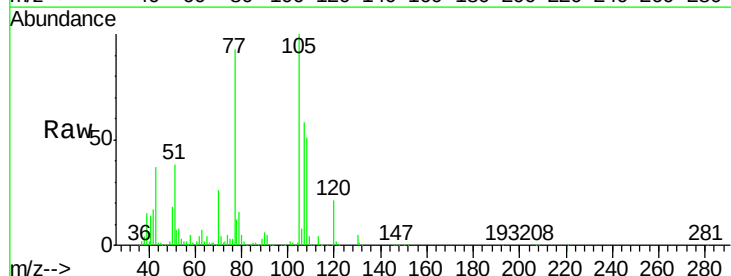


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

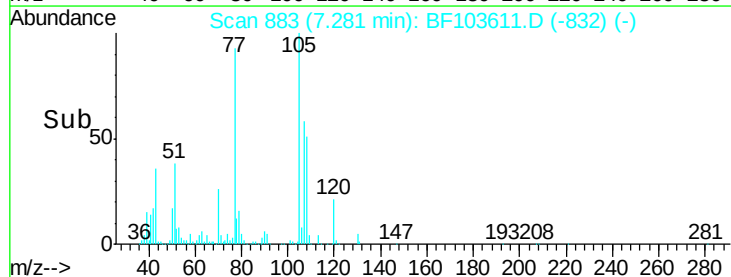
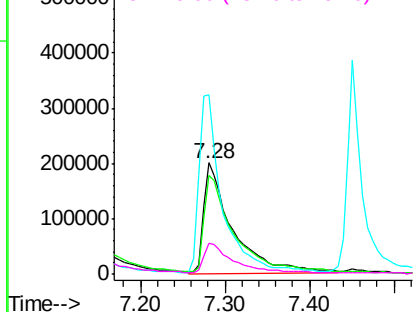


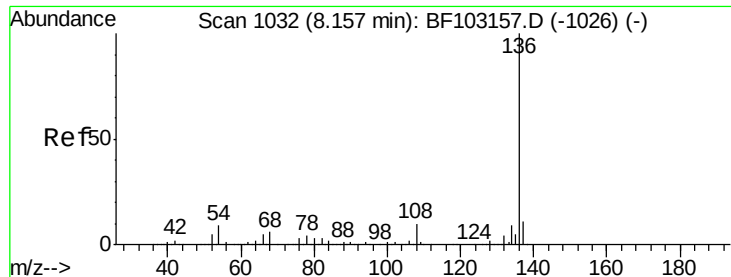
#20
3+4-Methylphenols
Concen: 45.640 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

Tgt Ion:	107	Resp:	481082
Ion	Ratio	Lower	Upper
107	100		
108	88.8	68.2	108.2
77	161.2	26.7	66.7#
79	27.4	6.3	46.3



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

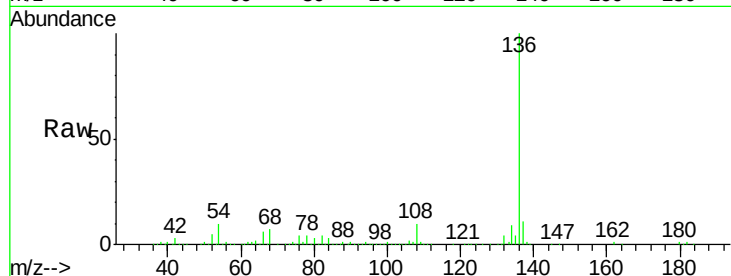
Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

Tot Ion:136 Resp: 599300

Ion Ratio Lower Upper

136	100		
137	11.0	8.9	13.3
54	10.1	6.6	9.8#
68	6.5	5.0	7.4

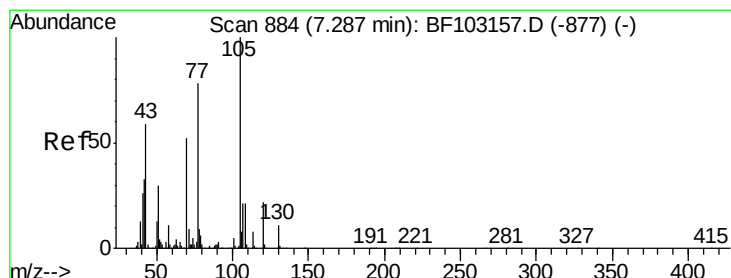
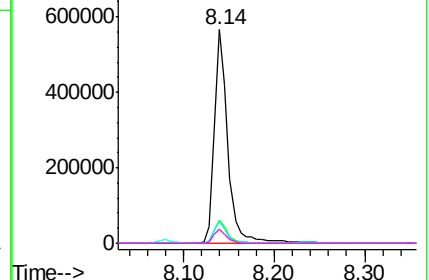
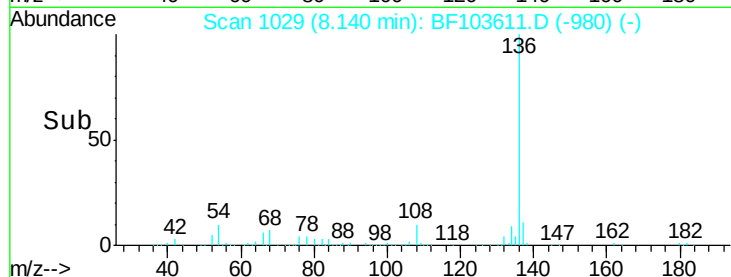


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 44.223 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

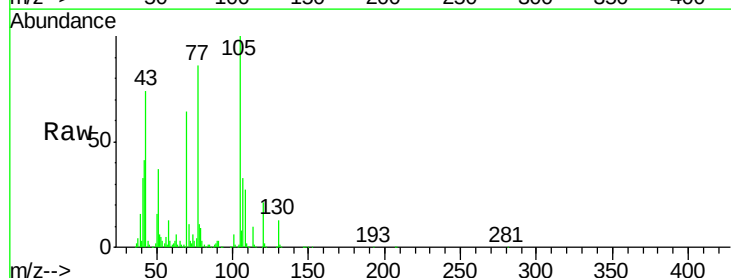
Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

Tgt Ion:105 Resp: 618618

Ion Ratio Lower Upper

105	100		
71	10.6	4.4	6.6#
51	36.5	22.3	33.5#
120	20.8	16.9	25.3

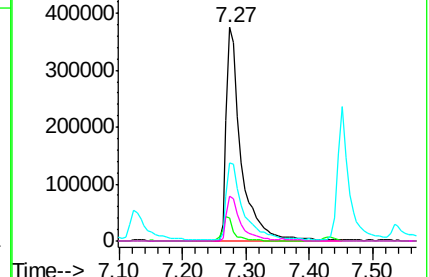
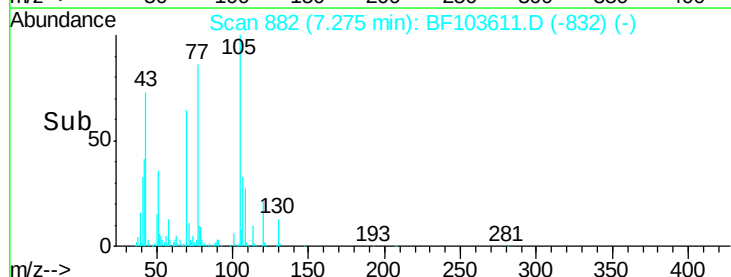


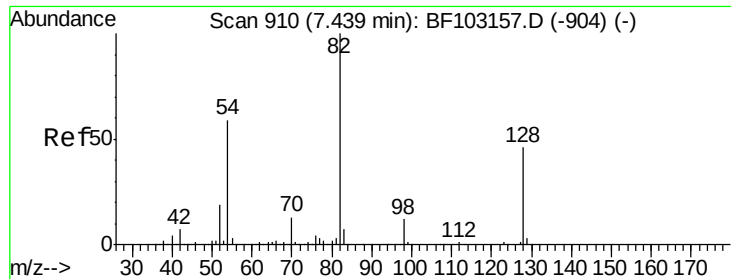
Abundance Ion 105.00 (104.70 to 105.70): E

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

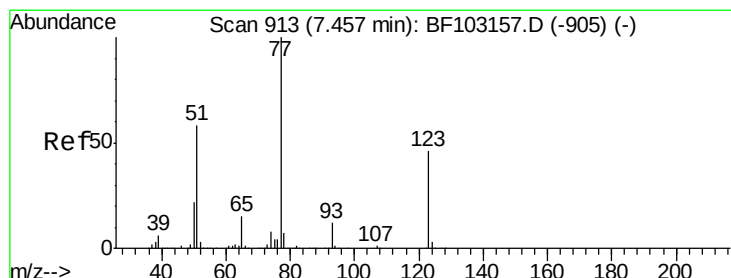
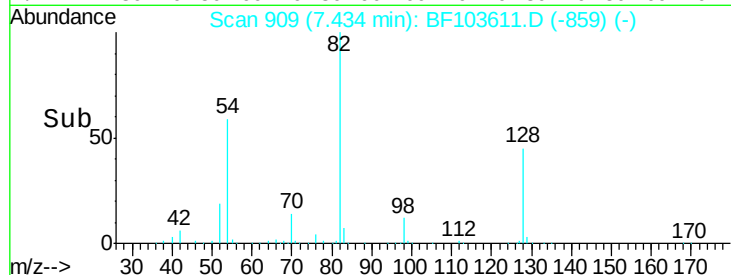
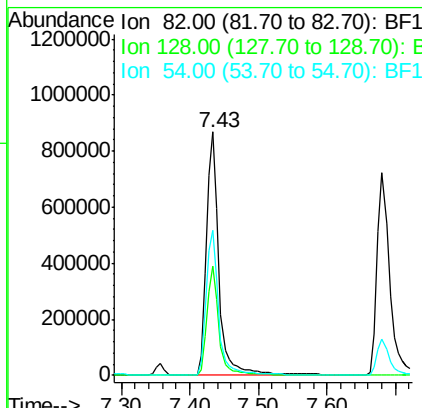
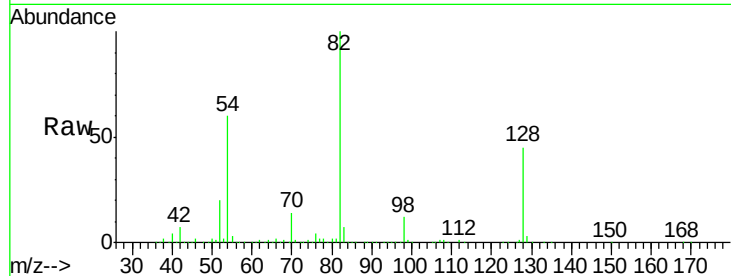




#23
 Nitrobenzene-d5
 Concen: 109.292 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF103611.D
 Acq: 13 Mar 2018 18:21

Tot Ion: 82 Resp: 1146922

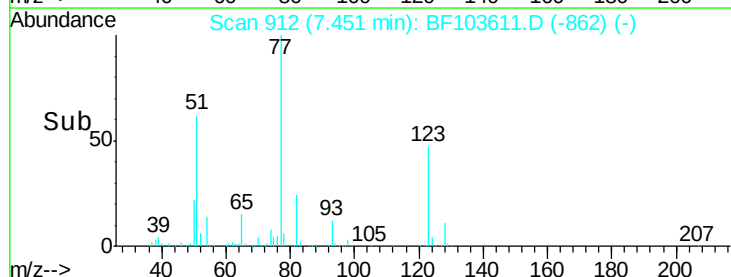
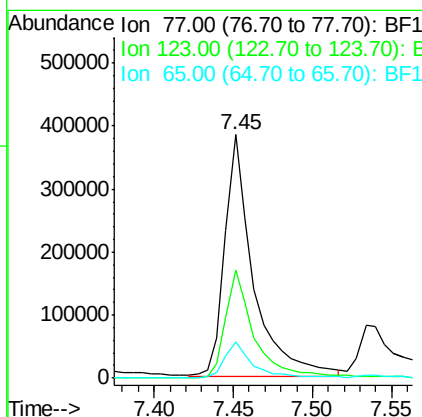
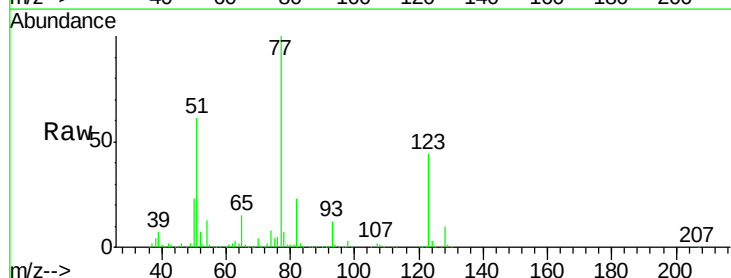
Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	59.7	41.4	62.2

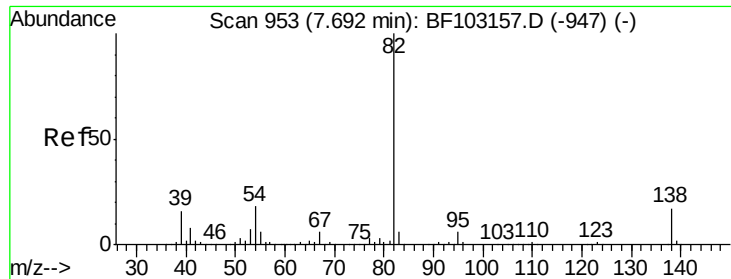


#24
 Nitrobenzene
 Concen: 41.620 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF103611.D
 Acq: 13 Mar 2018 18:21

Tgt Ion: 77 Resp: 480880

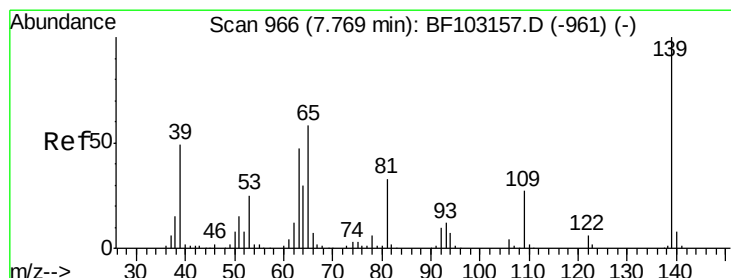
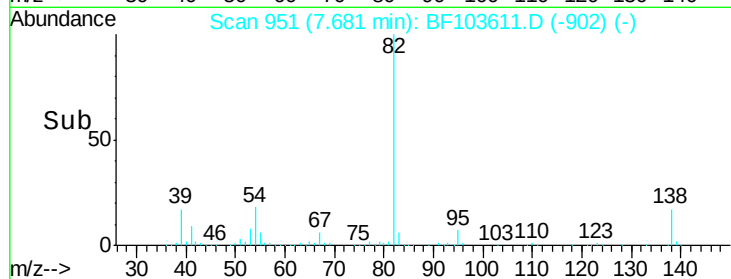
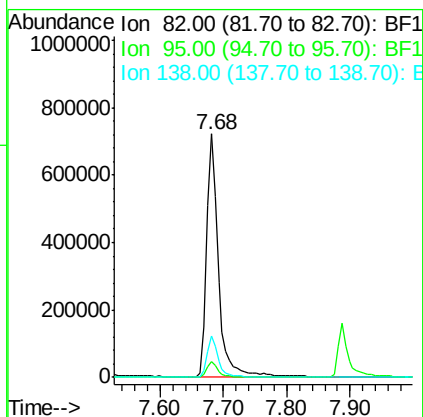
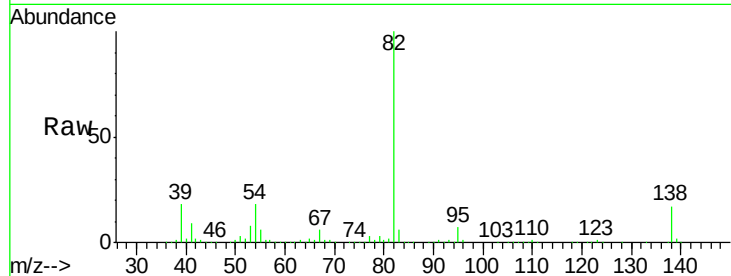
Ion	Ratio	Lower	Upper
77	100		
123	44.1	37.9	56.9
65	15.0	11.0	16.4





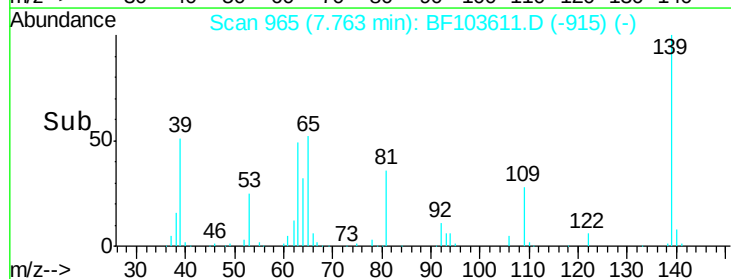
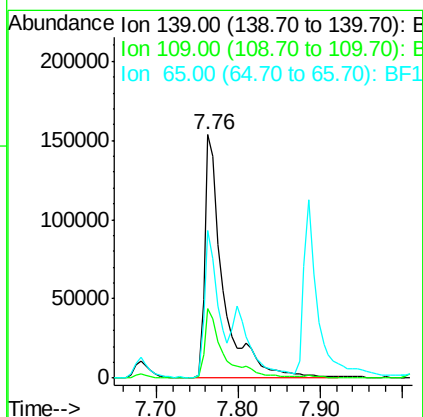
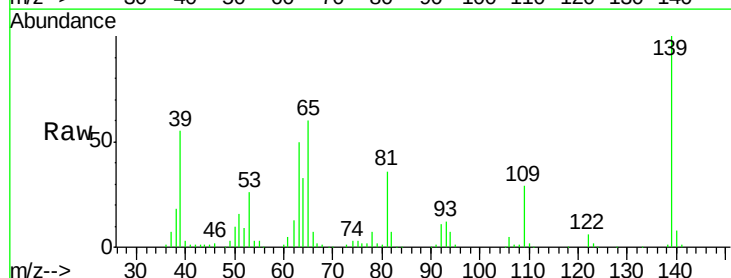
#25
Isophorone
Concen: 45.548 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

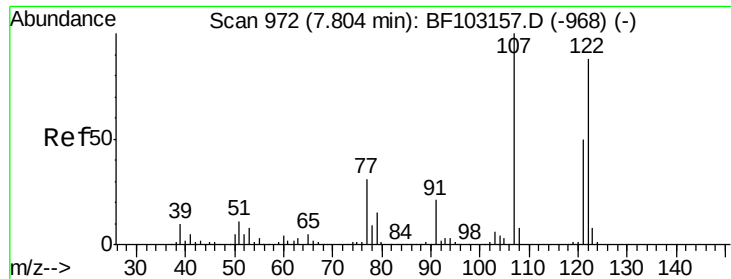
Tot Ion: 82 Resp: 941385
Ion Ratio Lower Upper
82 100
95 6.6 5.2 7.8
138 16.8 14.9 22.3



#26
2-Nitrophenol
Concen: 44.832 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

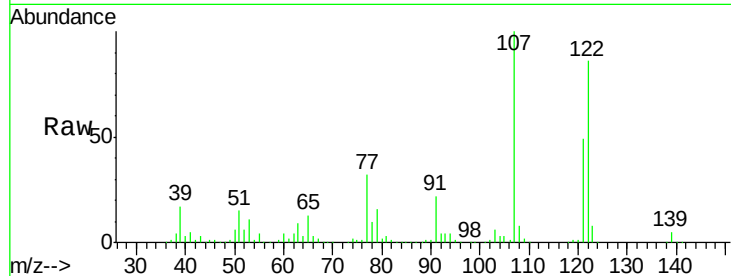
Tgt Ion: 139 Resp: 243851
Ion Ratio Lower Upper
139 100
109 28.6 22.7 34.1
65 60.4 40.5 60.7



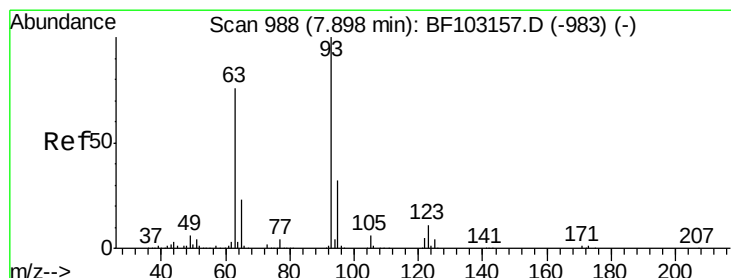
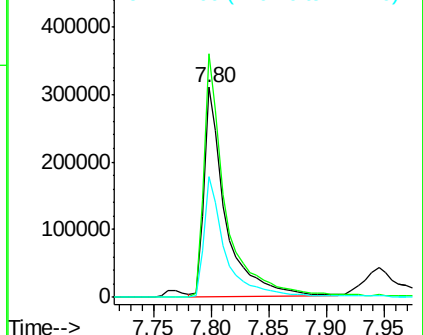
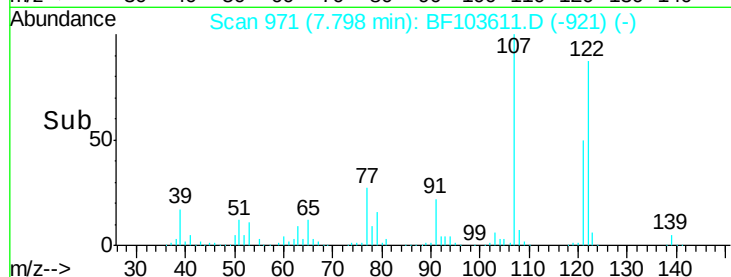


#27
 2,4-Dimethylphenol
 Concen: 48.937 ng
 RT: 7.80 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: BF103611.D
 Acq: 13 Mar 2018 18:21

Tot Ion:122 Resp: 406863
 Ion Ratio Lower Upper
 122 100
 107 116.1 91.2 136.8
 121 57.5 47.2 70.8

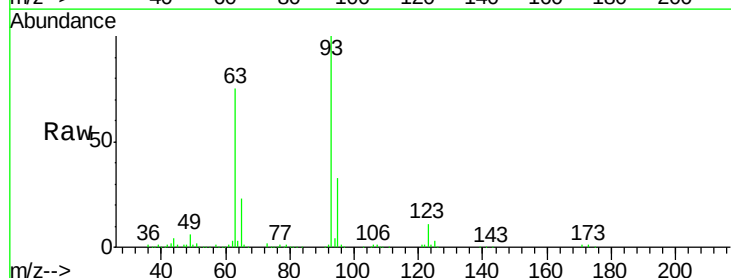


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

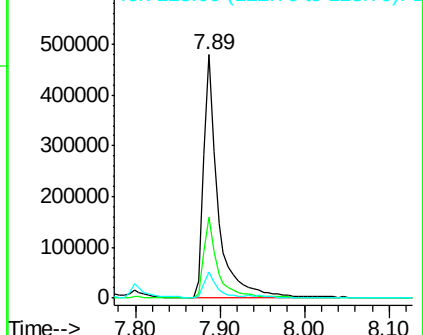
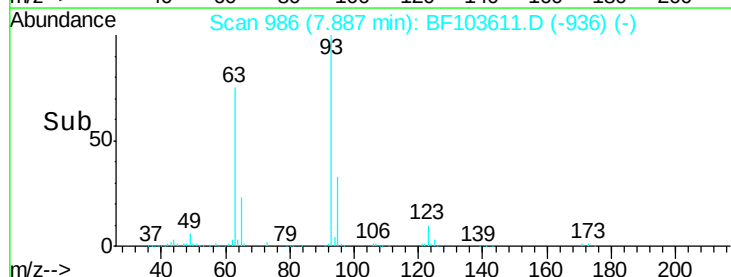


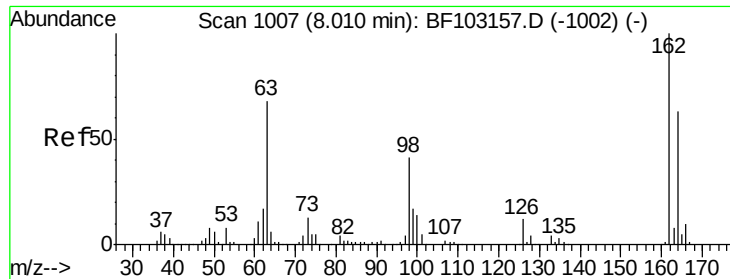
#28
 bis(2-Chloroethoxy)methane
 Concen: 46.354 ng
 RT: 7.89 min Scan# 986
 Delta R.T. -0.01 min
 Lab File: BF103611.D
 Acq: 13 Mar 2018 18:21

Tgt Ion: 93 Resp: 563279
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.3 39.5
 123 10.7 9.8 14.6



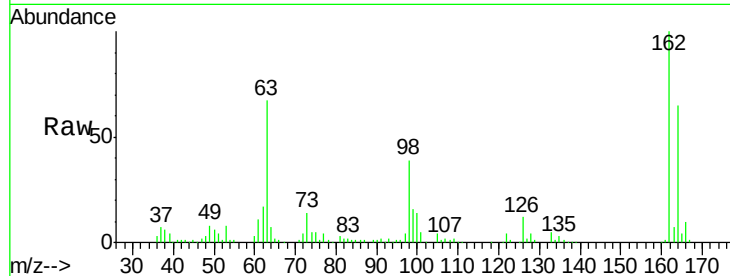
Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E



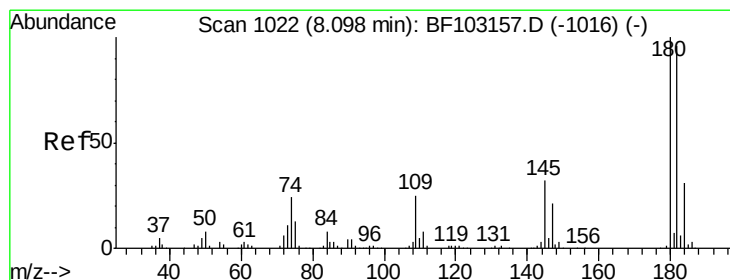
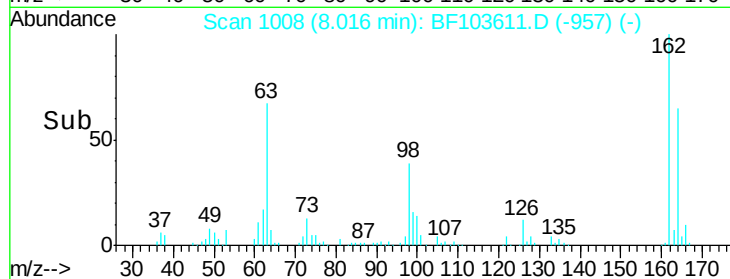
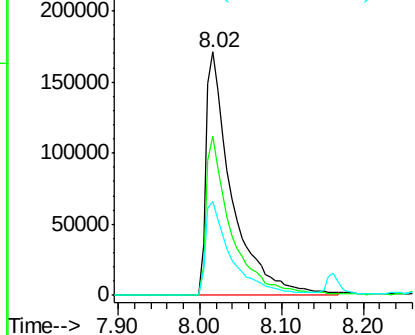


#29
 2,4-Dichlorophenol
 Concen: 47.259 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BF103611.D
 Acq: 13 Mar 2018 18:21

Tot Ion:162 Resp: 376173
 Ion Ratio Lower Upper
 162 100
 164 65.3 42.7 82.7
 98 38.6 18.1 58.1

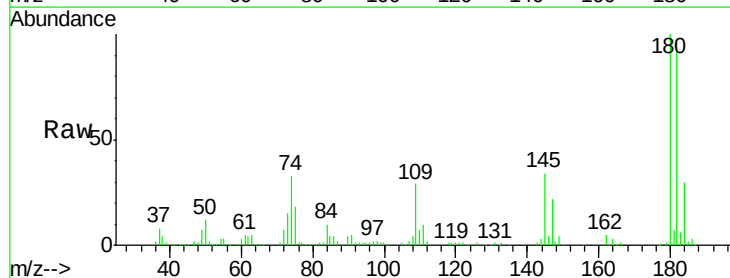


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

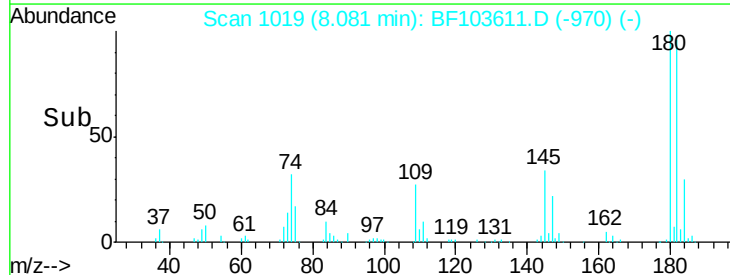
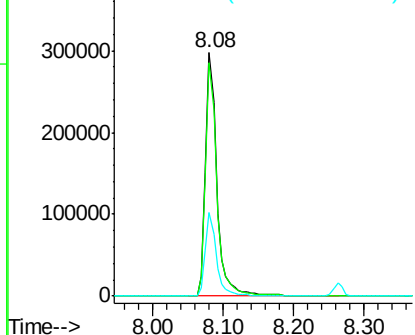


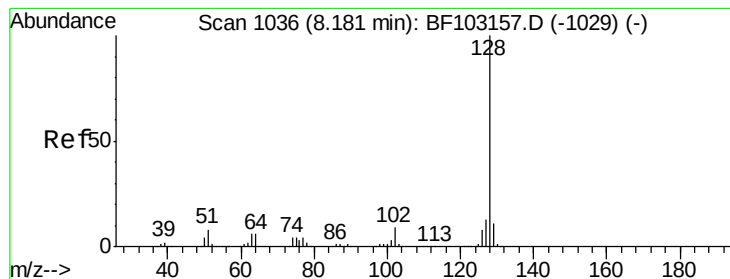
#30
 1,2,4-Trichlorobenzene
 Concen: 39.606 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BF103611.D
 Acq: 13 Mar 2018 18:21

Tgt Ion:180 Resp: 335718
 Ion Ratio Lower Upper
 180 100
 182 95.9 76.8 115.2
 145 34.4 26.5 39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.260 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

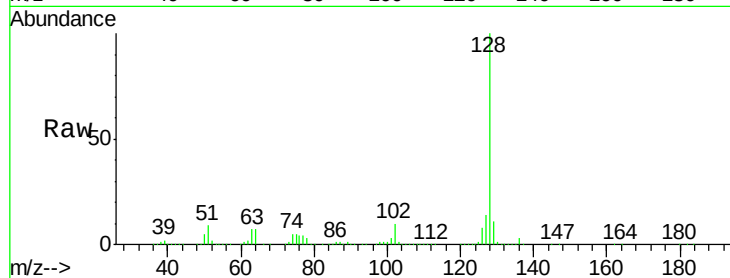
Tot Ion:128 Resp: 1269265

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

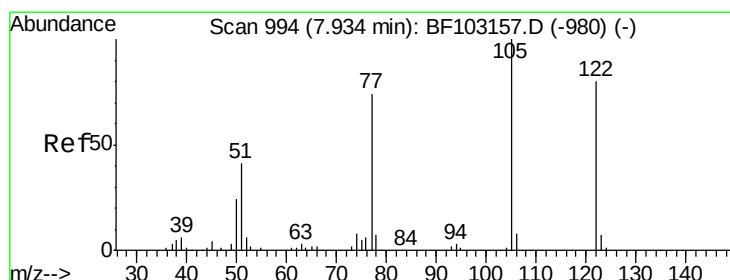
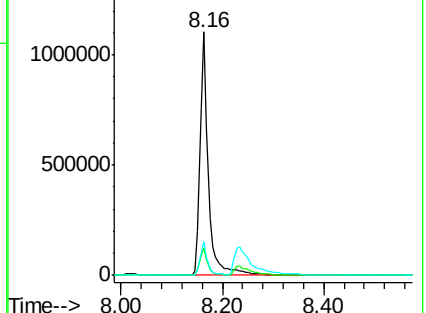
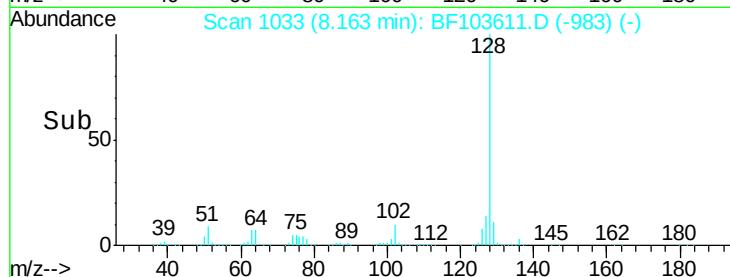
127 13.6 10.9 16.3



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: 22.981 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.02 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

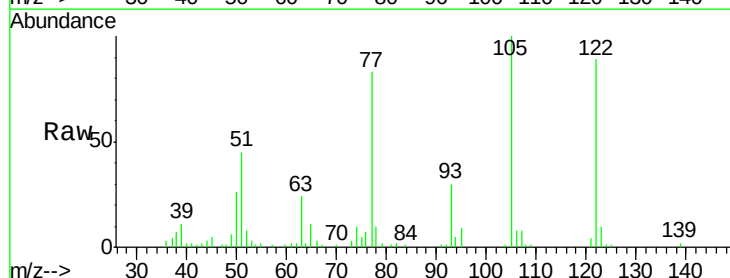
Tgt Ion:122 Resp: 115778

Ion Ratio Lower Upper

122 100

105 112.1 101.1 141.1

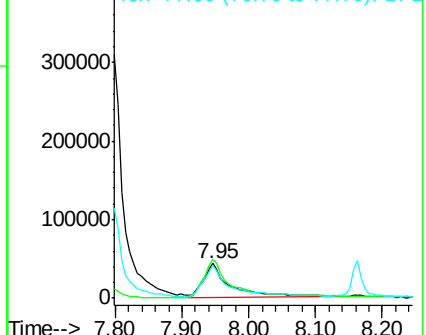
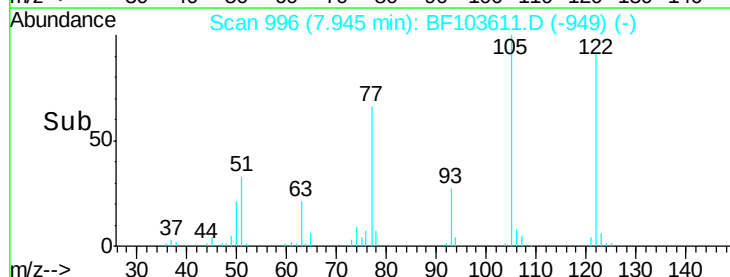
77 93.1 70.7 110.7

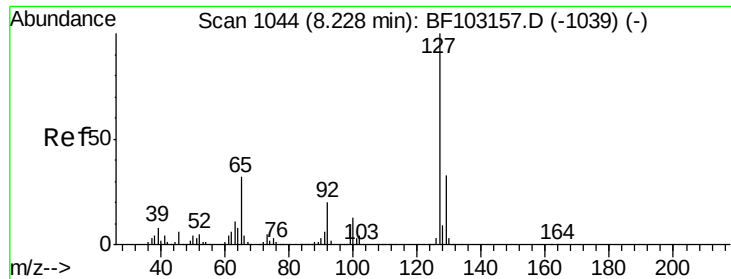


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

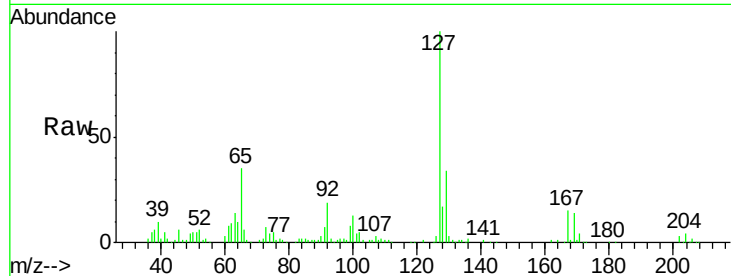
Ion 77.00 (76.70 to 77.70): BF1



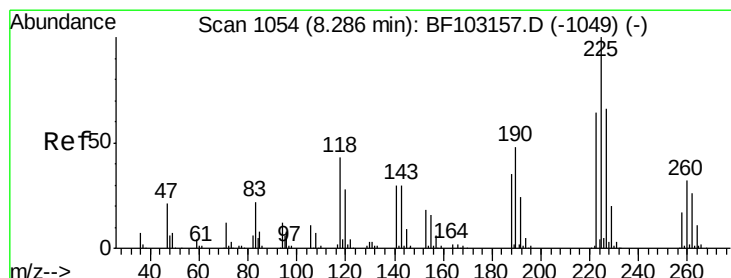
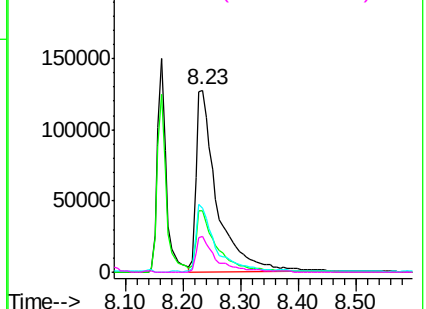
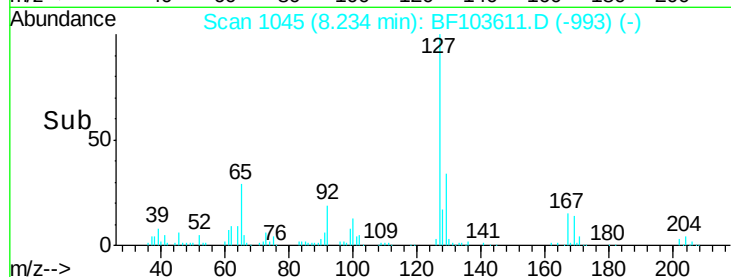


#33
4-Chloroaniline
Concen: 25.532 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

Tot Ion:	127	Resp:	323269
Ion	Ratio	Lower	Upper
127	100		
129	33.9	25.9	38.9
65	35.2	25.0	37.4
92	19.5	15.2	22.8

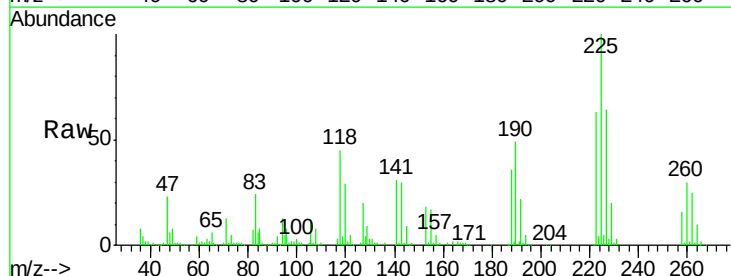


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

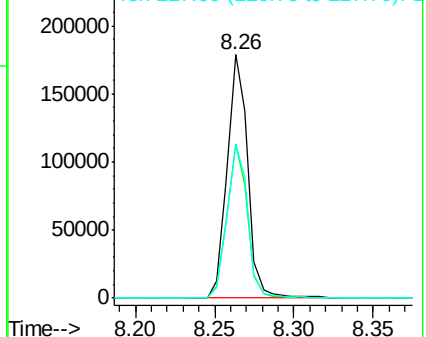
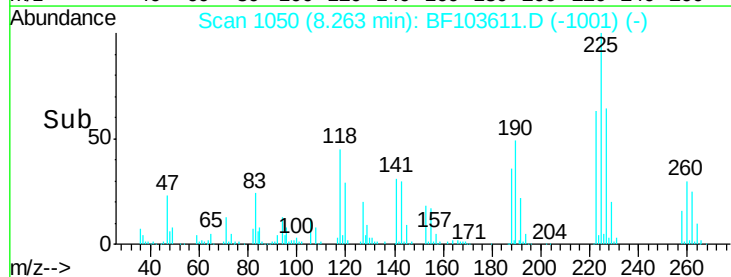


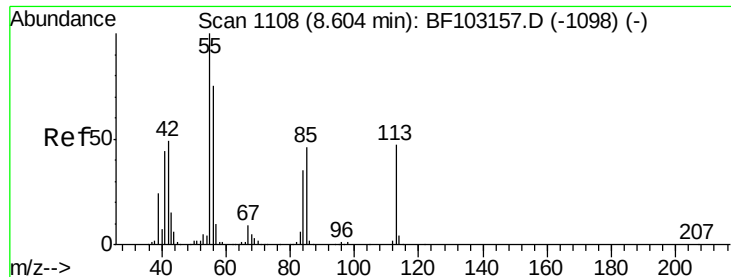
#34
Hexachlorobutadiene
Concen: 36.332 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

Tgt Ion:	225	Resp:	160369
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	76.0
227	63.5	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 43.344 ng/mL

RT: 8.61 min Scan# 1109

Delta R.T. 0.00 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

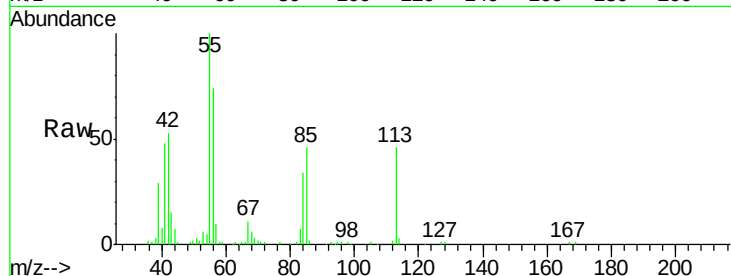
Tot Ion: 113 Resp: 121257

Ion Ratio Lower Upper

113 100

55 215.1 163.3 203.3#

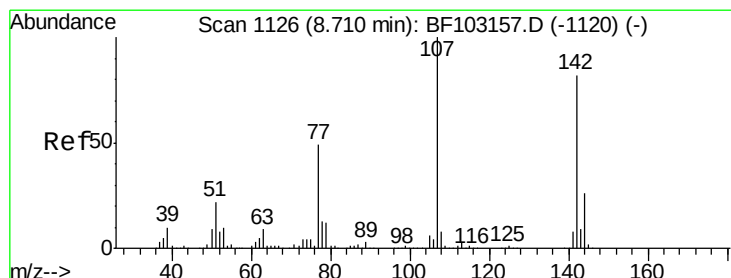
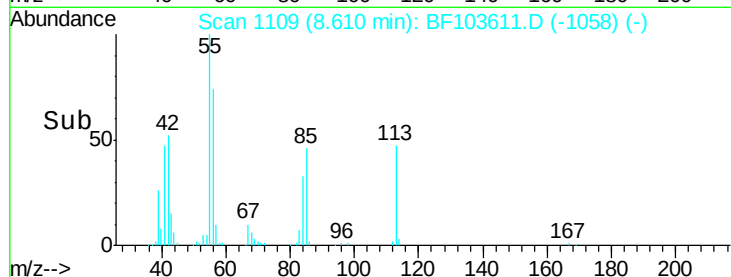
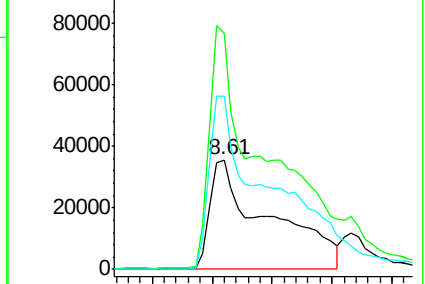
56 158.5 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 48.583 ng/mL

RT: 8.72 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

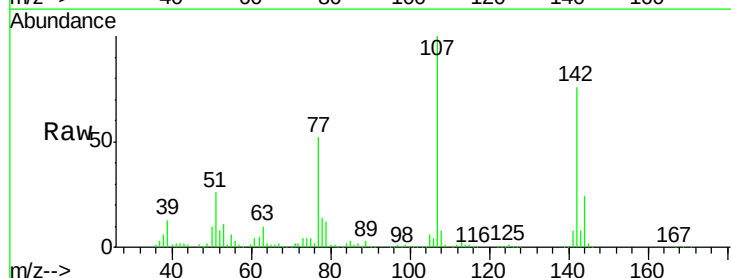
Tgt Ion: 107 Resp: 436185

Ion Ratio Lower Upper

107 100

144 24.0 20.5 30.7

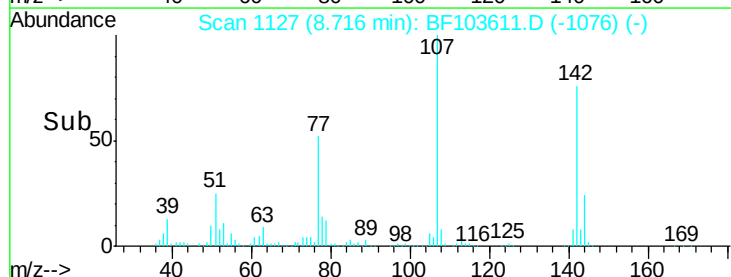
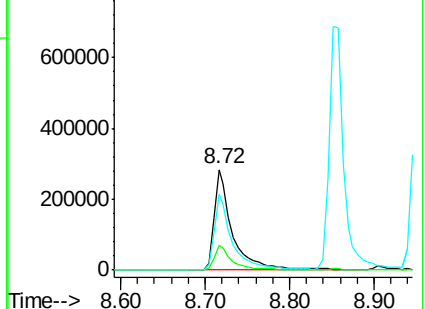
142 75.6 62.0 93.0

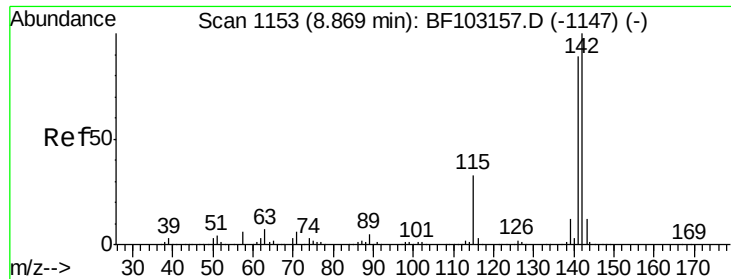


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

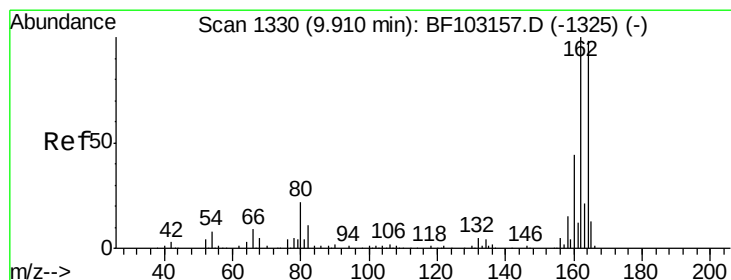
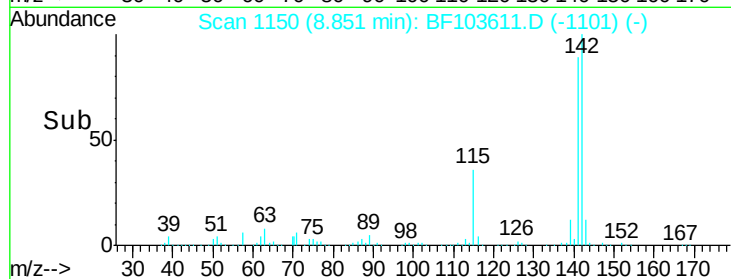
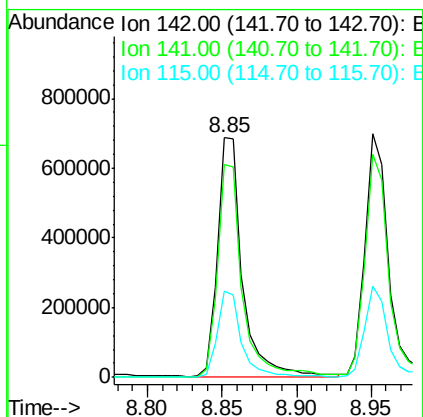
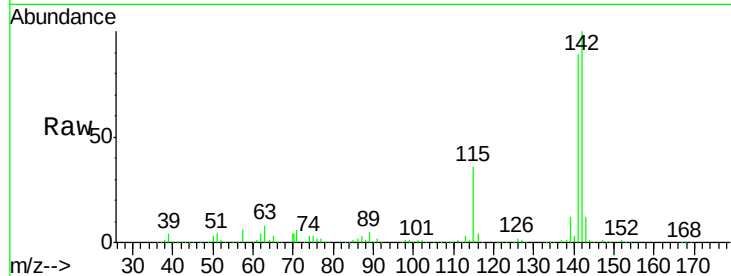
Ion 142.00 (141.70 to 142.70): E





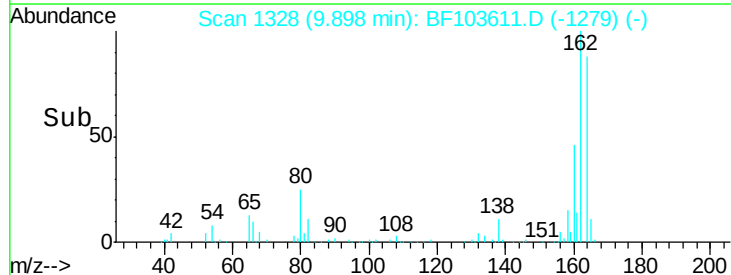
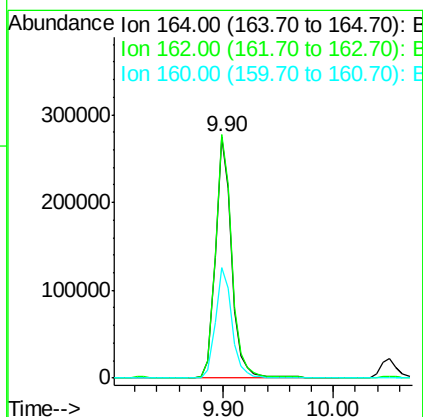
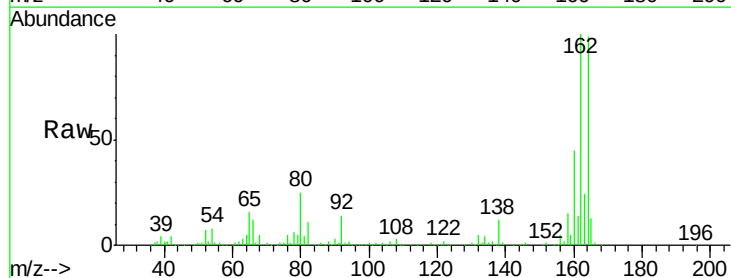
#37
 2-Methylnaphthalene
 Concen: 42.729 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF103611.D
 Acq: 13 Mar 2018 18:21

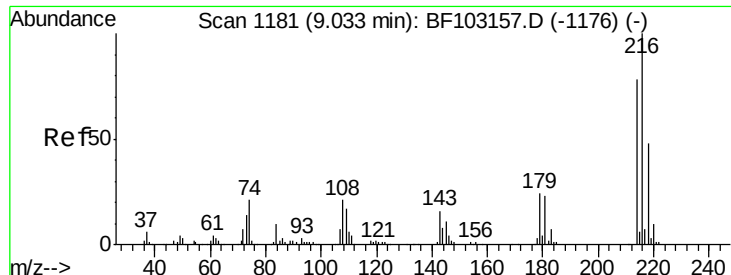
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.8	106.2
115	36.0	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF103611.D
 Acq: 13 Mar 2018 18:21

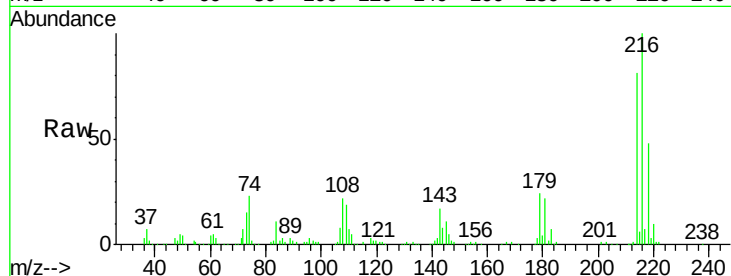
Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	86.1	129.1
160	45.8	38.3	57.5



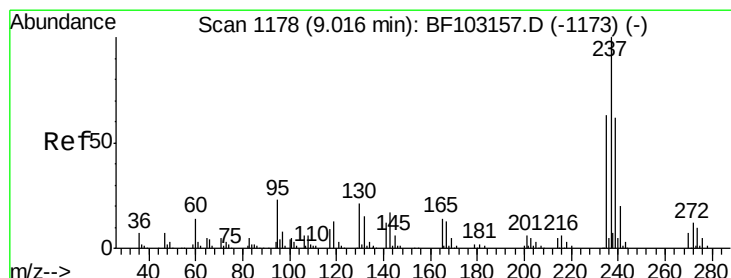
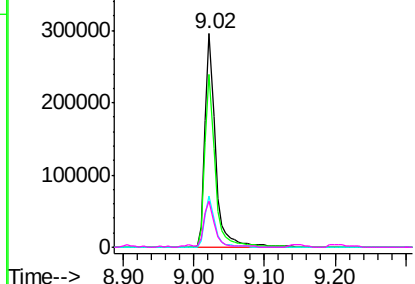
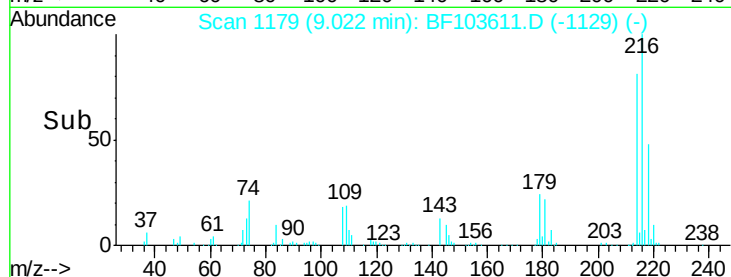


#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.389 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF103611.D
 Acq: 13 Mar 2018 18:21

Tot Ion:216	Resp:	306909	
Ion Ratio	Lower	Upper	
216	100		
214	79.1	63.0	94.4
179	23.6	18.1	27.1
108	22.8	17.2	25.8

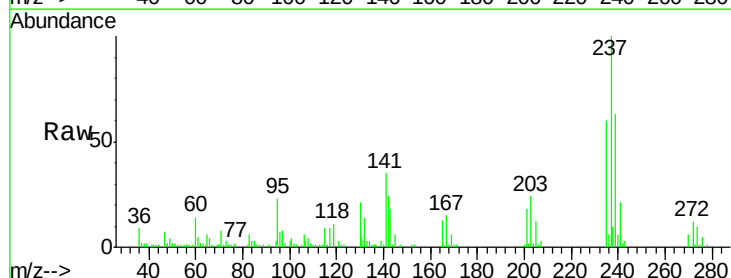


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

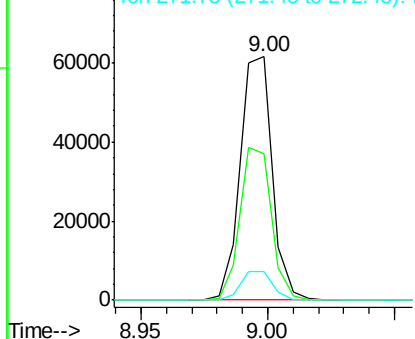
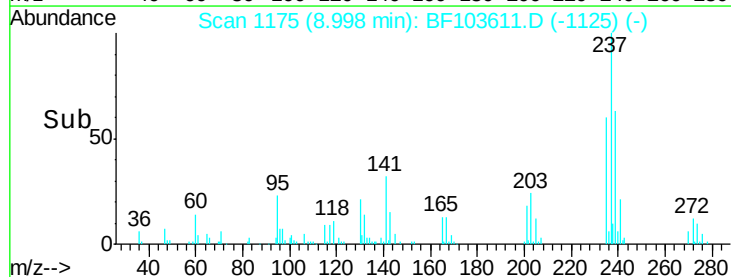


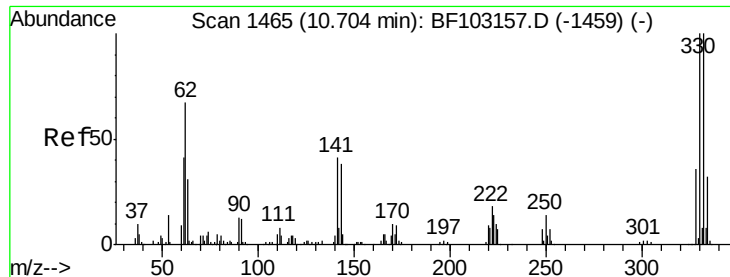
#40
 Hexachlorocyclopentadiene
 Concen: 26.718 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF103611.D
 Acq: 13 Mar 2018 18:21

Tgt Ion	237	Resp:	53740
Ion	Ratio	Lower	Upper
237	100		
235	60.2	44.8	84.8
272	12.0	0.0	33.3



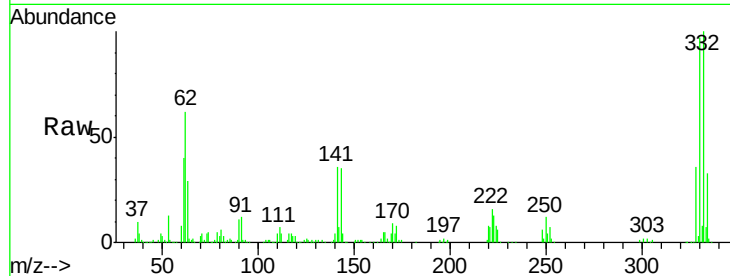
Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E



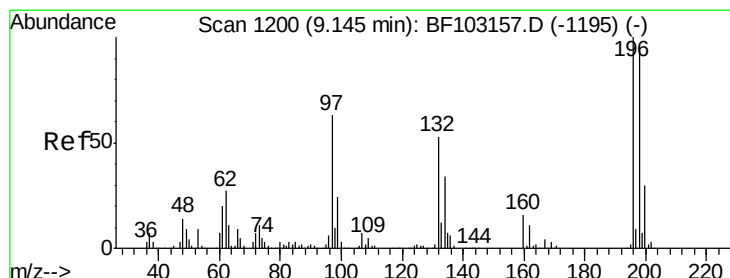
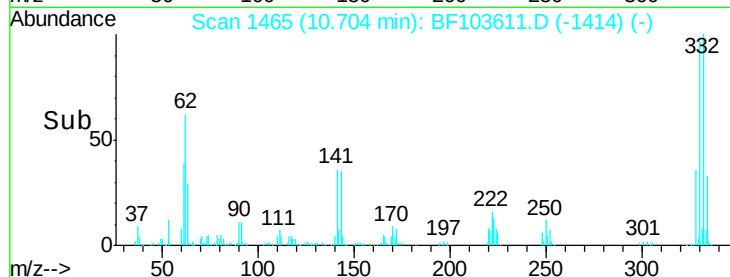
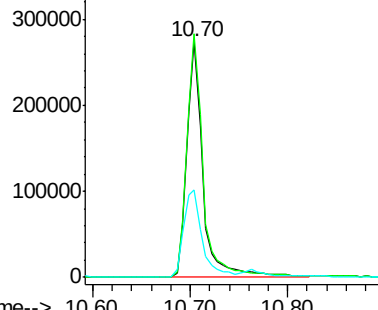


#41
 2,4,6-Tribromophenol
 Concen: 134.548 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103611.D
 Acq: 13 Mar 2018 18:21

Tot Ion	Ratio	Lower	Upper
330	100		
332	105.5	77.0	115.6
141	41.5	29.9	44.9

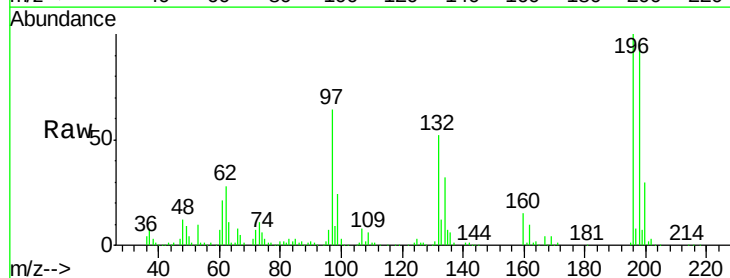


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

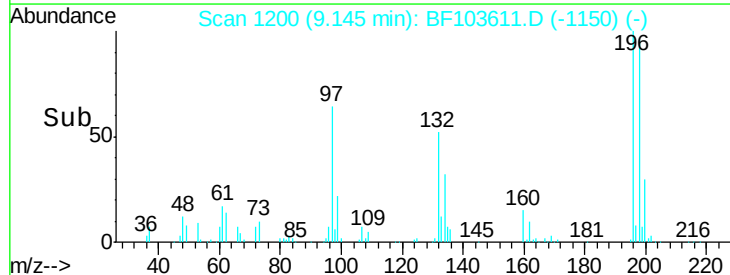
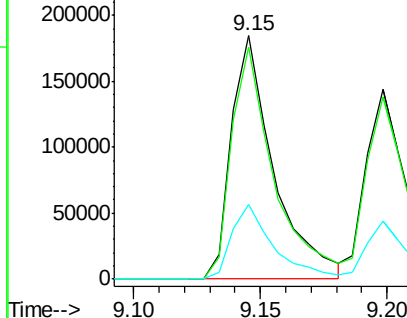


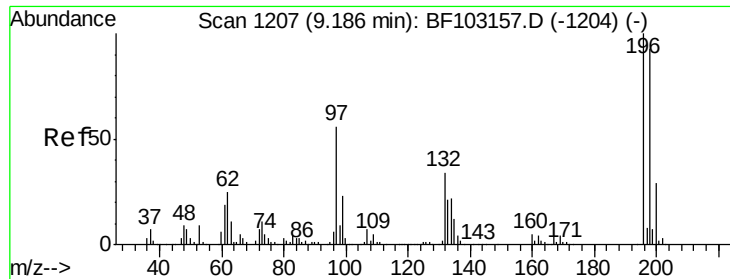
#42
 2,4,6-Trichlorophenol
 Concen: 41.890 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF103611.D
 Acq: 13 Mar 2018 18:21

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.5	75.7	113.5
200	30.4	24.5	36.7



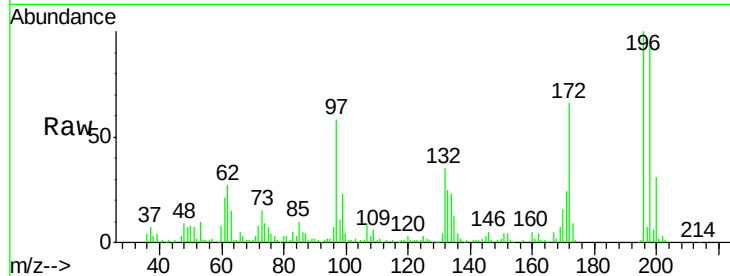
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E



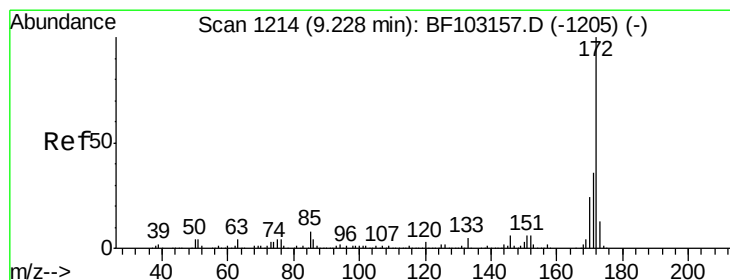
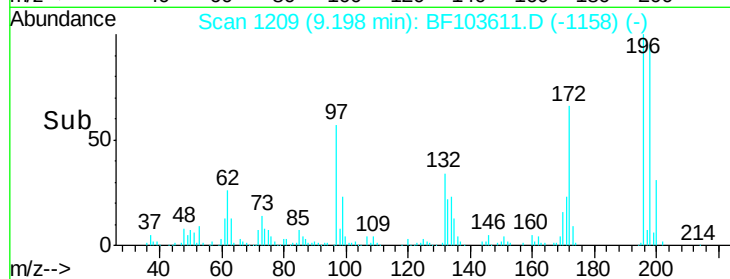
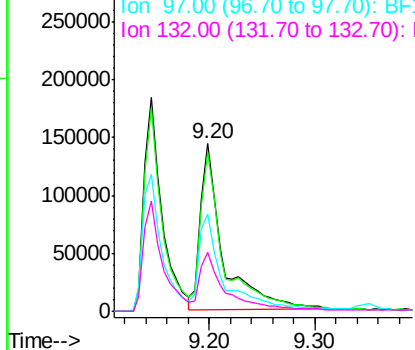


#43
 2,4,5-Trichlorophenol
 Concen: 36.417 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF103611.D
 Acq: 13 Mar 2018 18:21

Tot Ion:	196	Resp:	214160
Ion	Ratio	Lower	Upper
196	100		
198	95.3	74.6	112.0
97	58.2	42.9	64.3
132	35.2	26.3	39.5

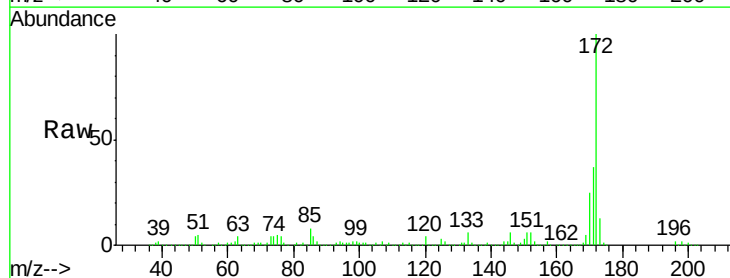


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

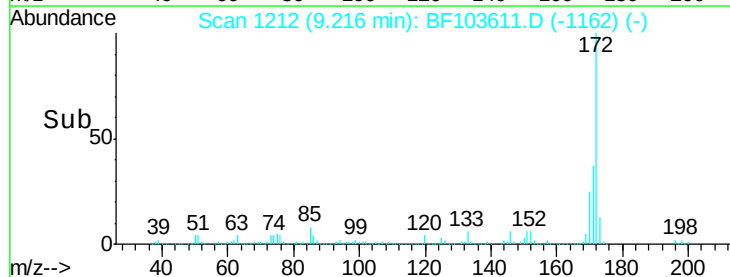
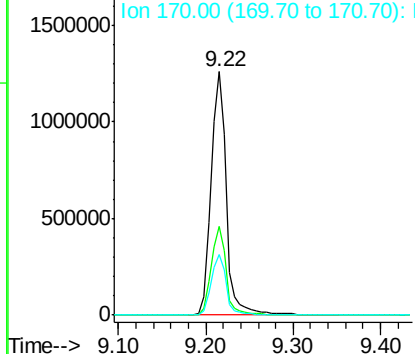


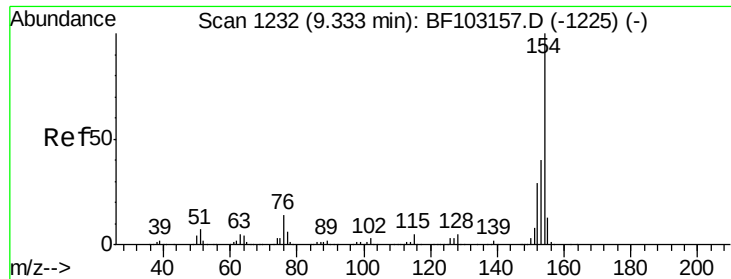
#44
 2-Fluorobiphenyl
 Concen: 98.670 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF103611.D
 Acq: 13 Mar 2018 18:21

Tgt Ion:	172	Resp:	1532981
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	25.0	19.6	29.4



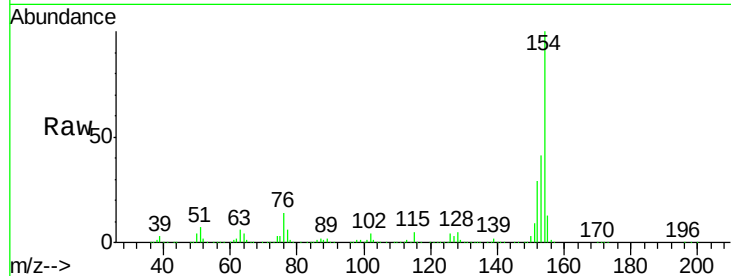
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



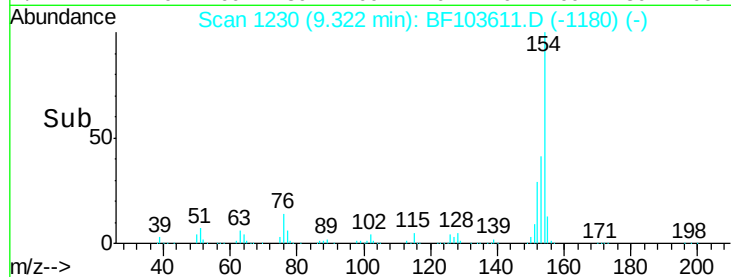
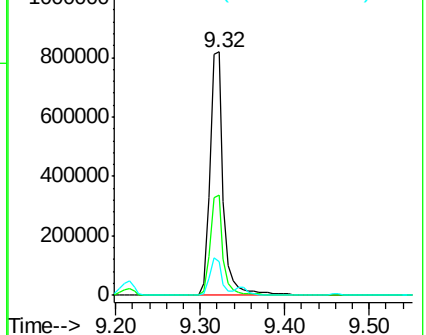


#45
 1,1'-Biphenyl
 Concen: 39.643 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF103611.D
 Acq: 13 Mar 2018 18:21

Tot Ion:	154	Resp:	923354
Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.3	61.3
76	13.6	0.0	34.0

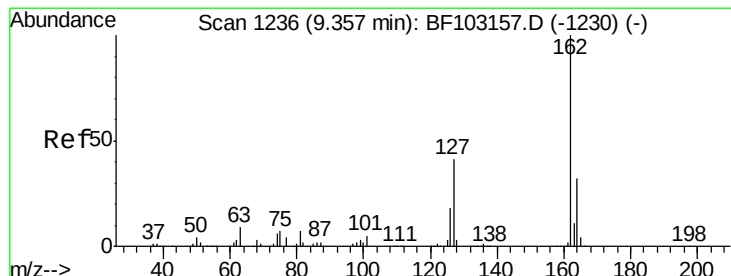


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

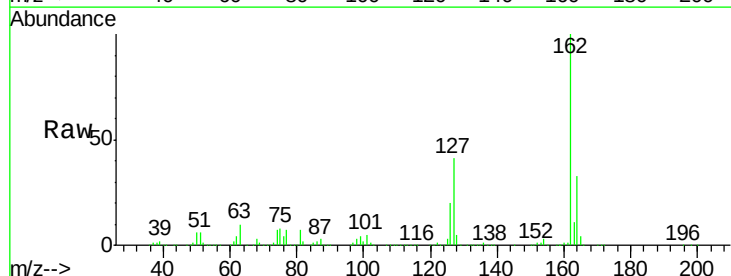
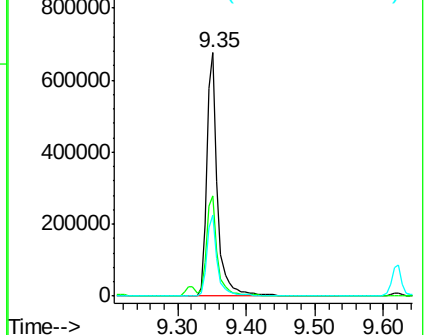


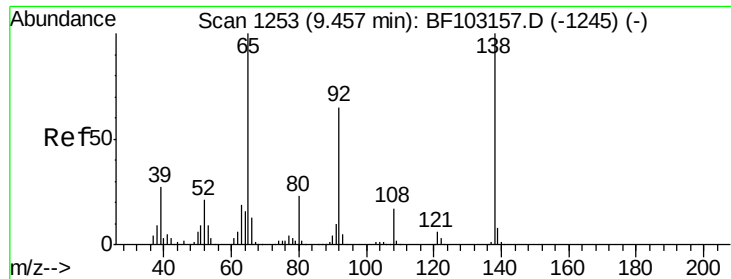
#46
 2-Chloronaphthalene
 Concen: 40.834 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BF103611.D
 Acq: 13 Mar 2018 18:21

Tgt Ion:	162	Resp:	752449
Ion	Ratio	Lower	Upper
162	100		
127	41.2	33.9	50.9
164	33.1	26.5	39.7



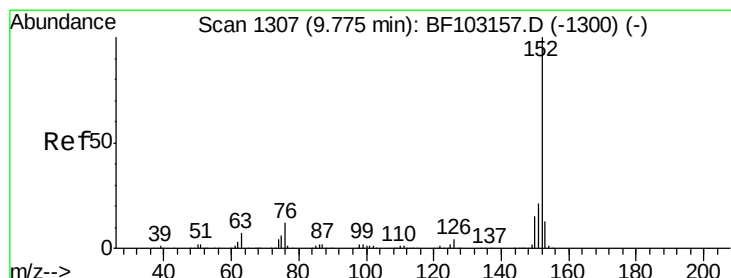
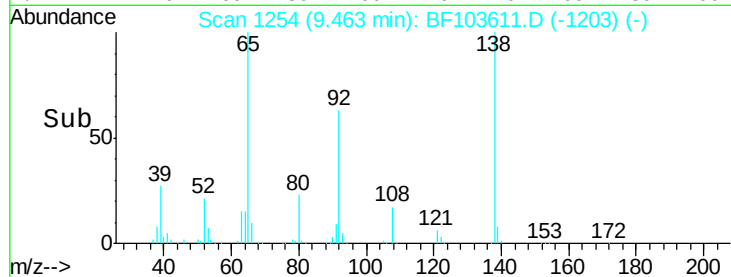
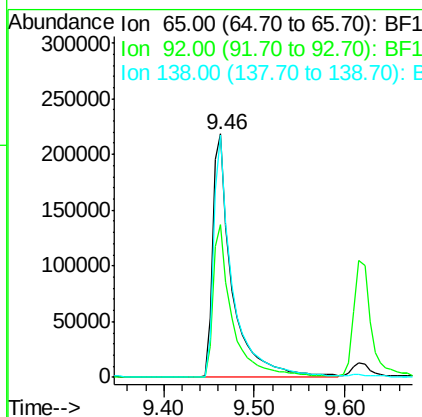
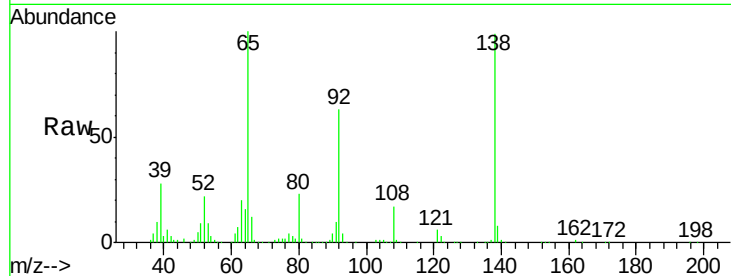
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





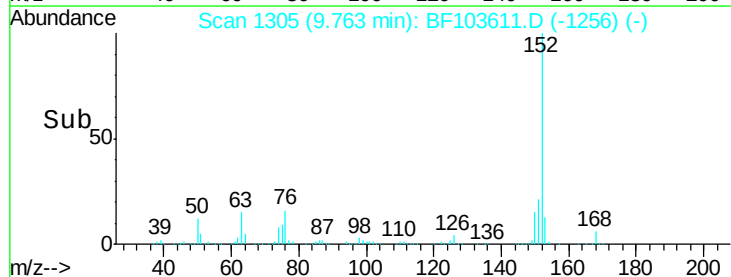
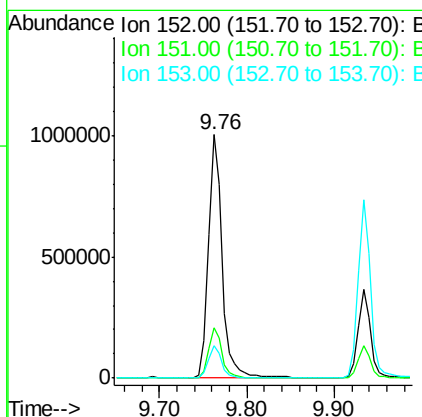
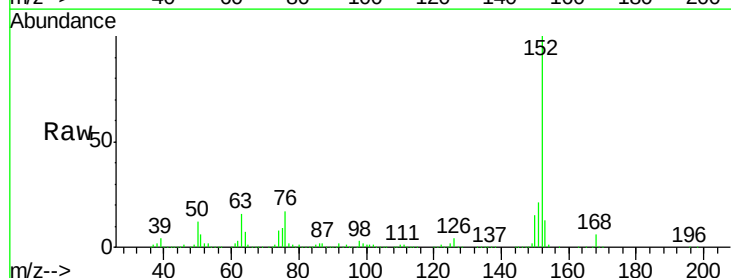
#47
2-Nitroaniline
Concen: 47.305 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

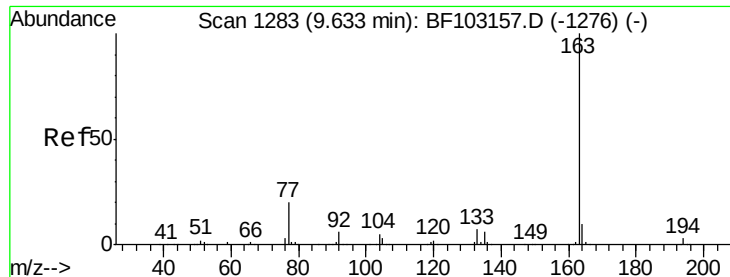
Tot Ion: 65 Resp: 322890
Ion Ratio Lower Upper
65 100
92 62.9 55.8 83.6
138 99.5 91.2 136.8



#48
Acenaphthylene
Concen: 38.873 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

Tgt Ion: 152 Resp: 1102105
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 13.4 10.7 16.1





#49

Dimethylphthalate

Concen: 41.959 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

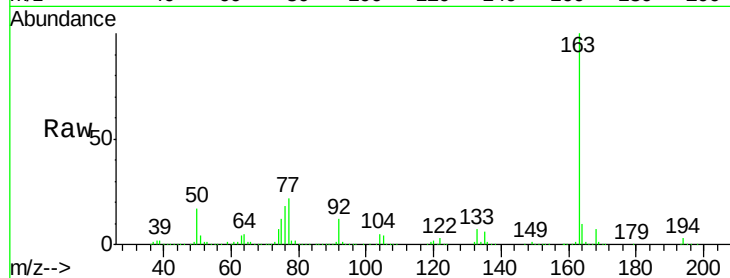
Tot Ion:163 Resp: 935612

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

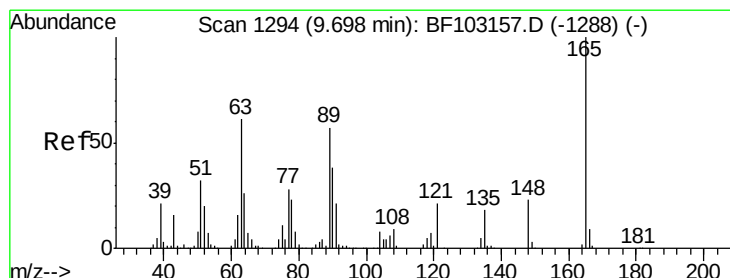
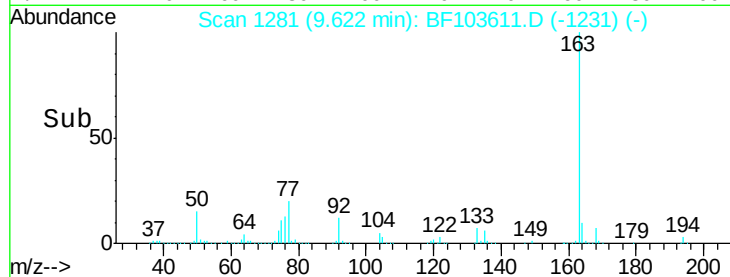
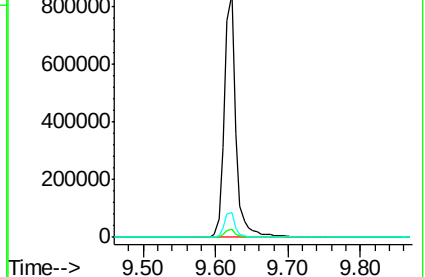
164 10.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.326 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

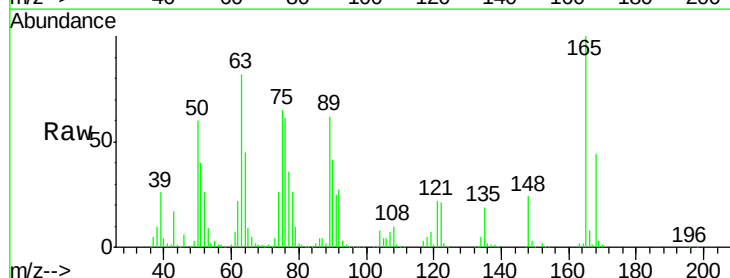
Tgt Ion:165 Resp: 193382

Ion Ratio Lower Upper

165 100

63 81.7 44.7 67.1#

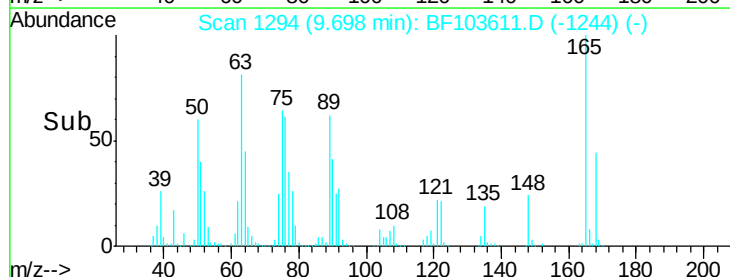
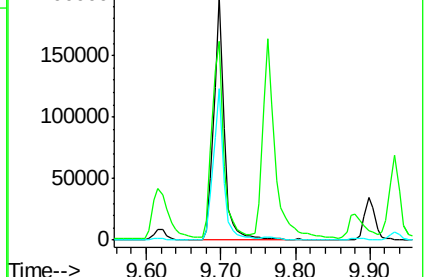
89 62.0 44.0 66.0

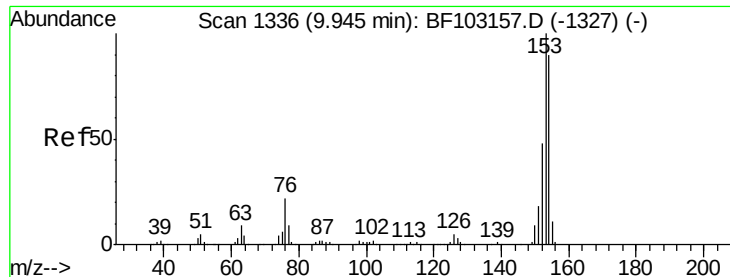


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 39.450 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

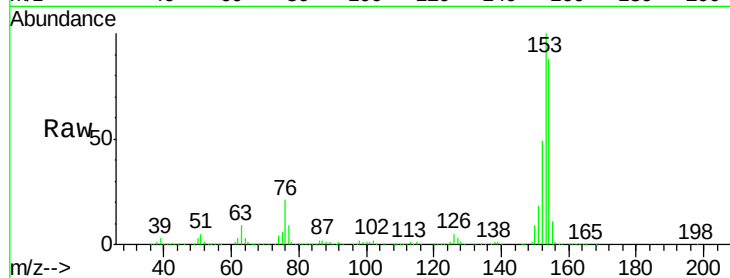
Tot Ion:154 Resp: 652195

Ion Ratio Lower Upper

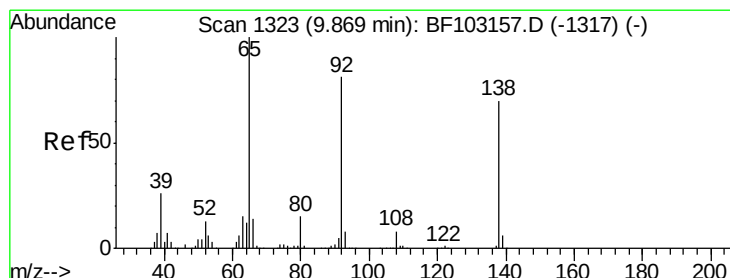
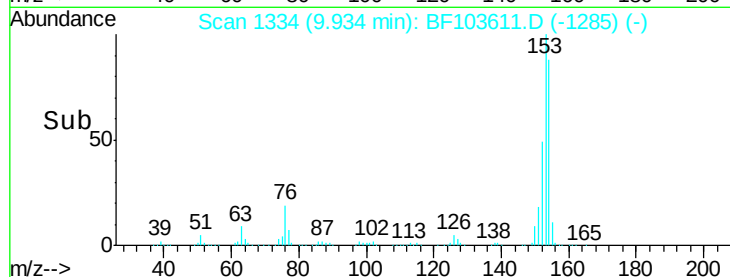
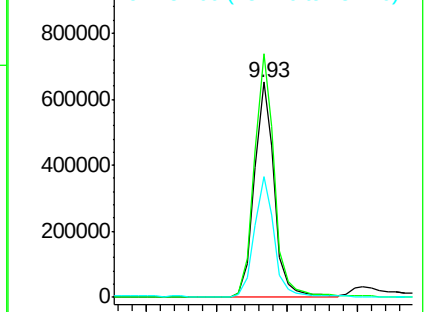
154 100

153 113.3 91.2 136.8

152 56.0 43.8 65.8



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



#52

3-Nitroaniline

Concen: 28.309 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

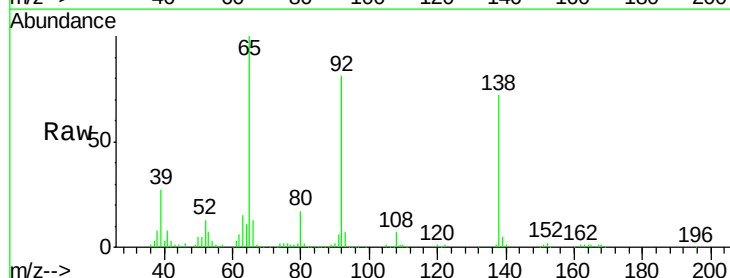
Tgt Ion:138 Resp: 168069

Ion Ratio Lower Upper

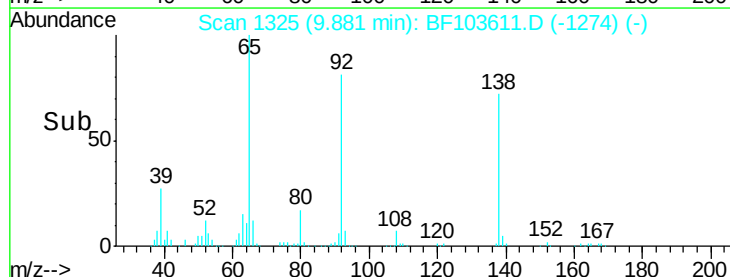
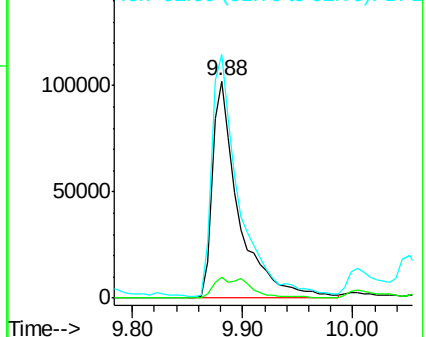
138 100

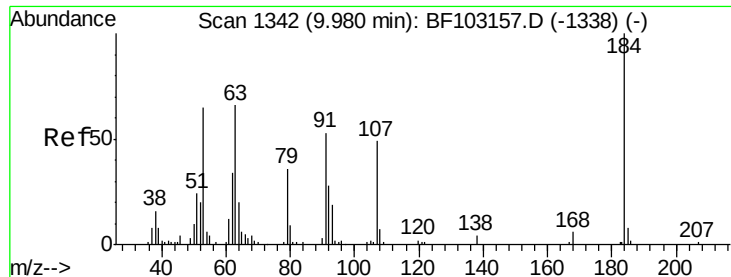
108 9.6 9.4 14.0

92 112.1 89.4 134.2



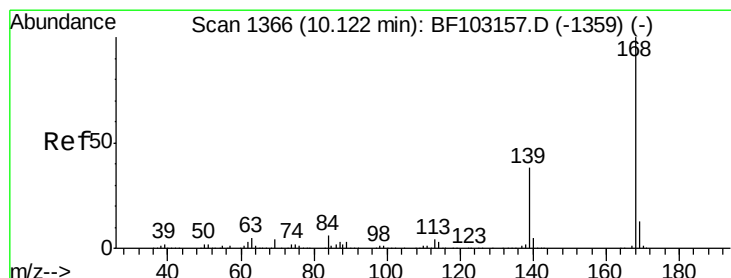
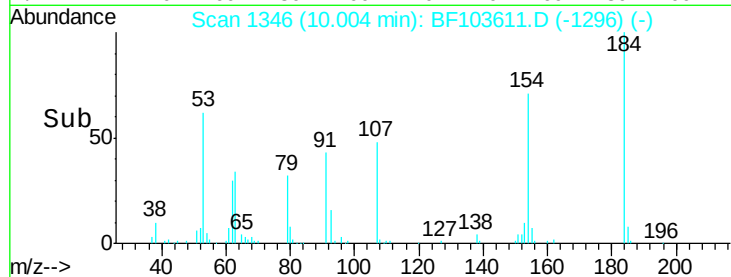
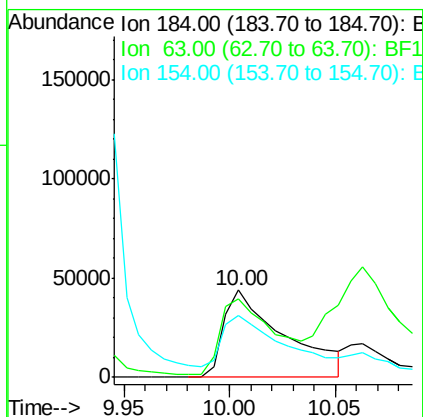
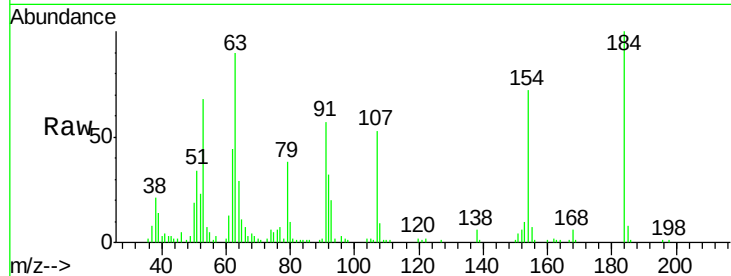
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1





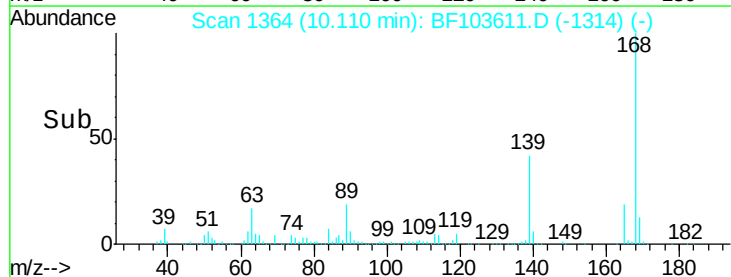
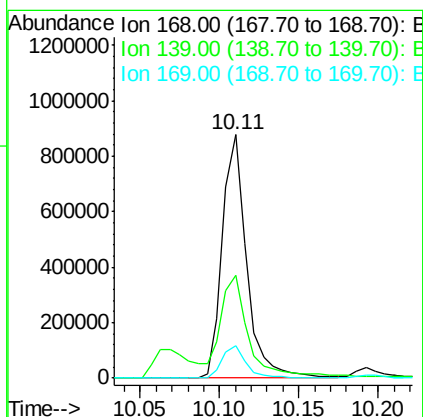
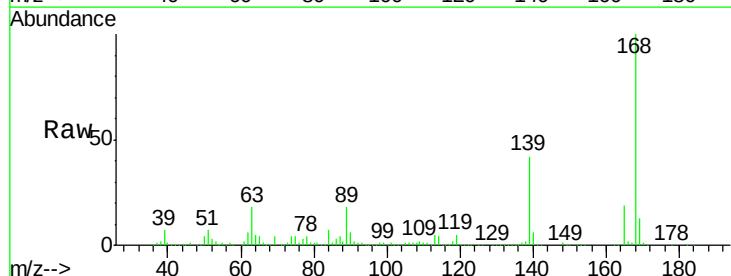
#53
2,4-Dinitrophenol
Concen: 54.969 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

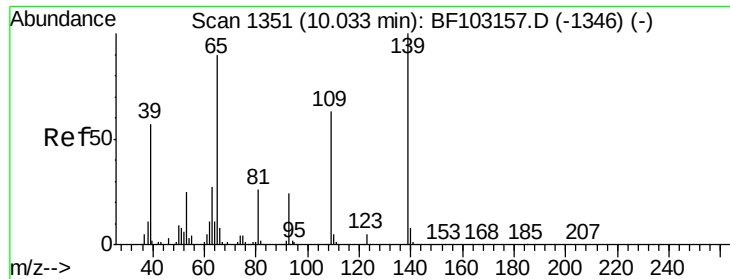
Tot Ion:184 Resp: 87127
Ion Ratio Lower Upper
184 100
63 89.9 54.2 81.2#
154 71.8 184.0 276.0#



#54
Dibenzofuran
Concen: 41.153 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

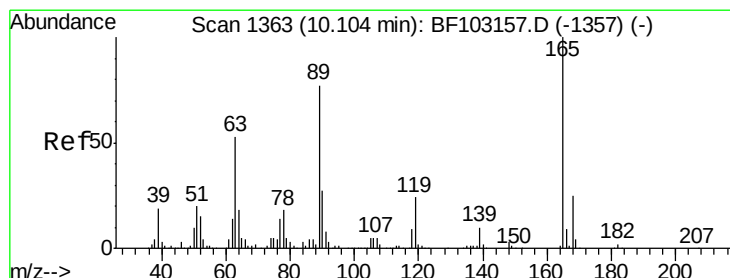
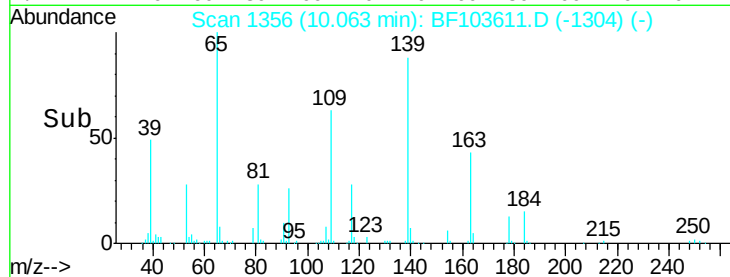
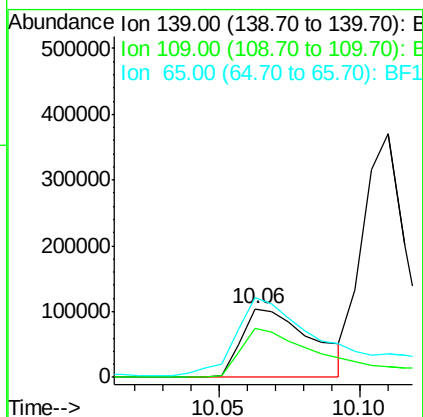
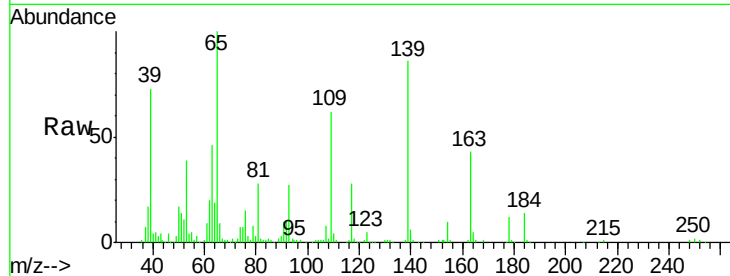
Tgt Ion:168 Resp: 933946
Ion Ratio Lower Upper
168 100
139 42.2 30.1 45.1
169 13.3 10.9 16.3





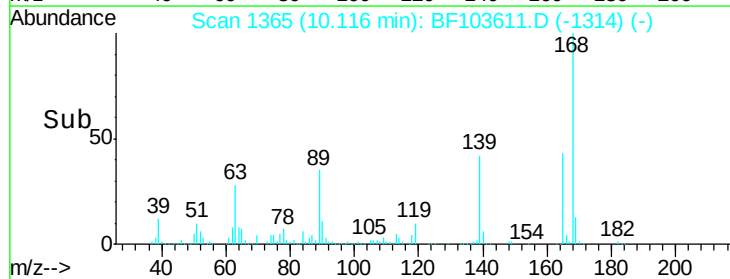
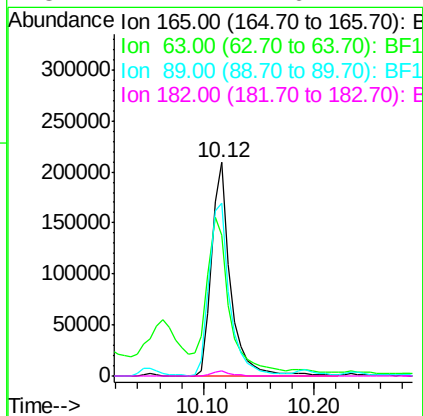
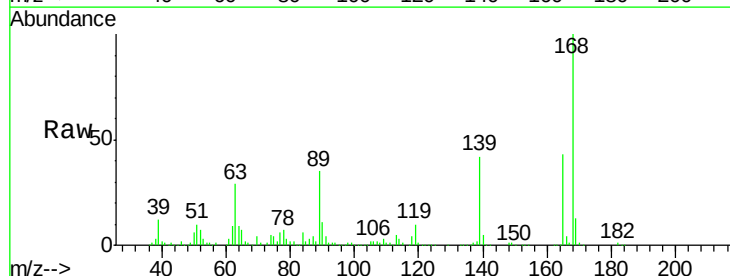
#55
4-Nitrophenol
Concen: 48.607 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

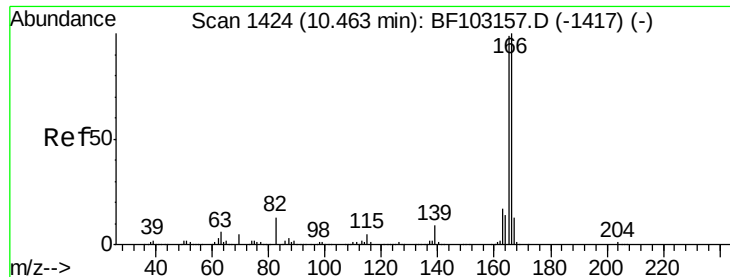
Tot Ion:139 Resp: 178850
Ion Ratio Lower Upper
139 100
109 72.4 48.4 88.4
65 116.9 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 41.539 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

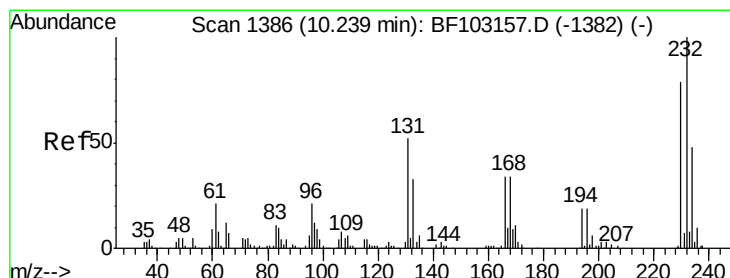
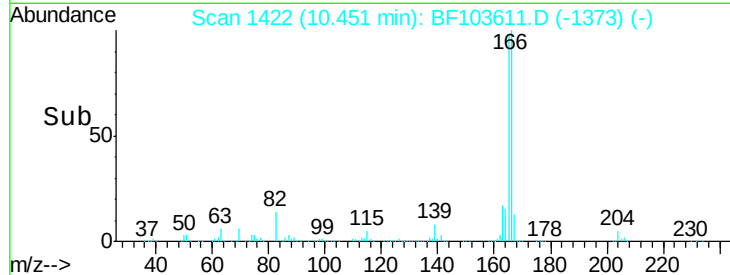
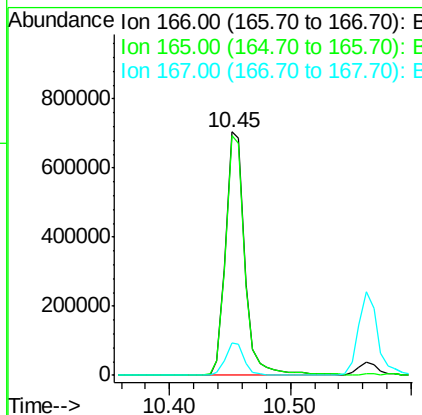
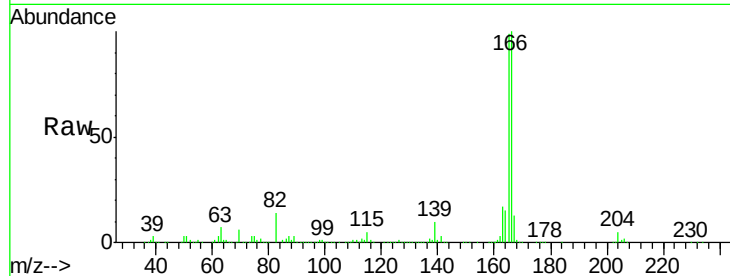
Tgt Ion:165 Resp: 245838
Ion Ratio Lower Upper
165 100
63 66.0 36.4 54.6#
89 80.7 57.8 86.6
182 2.4 1.6 2.4





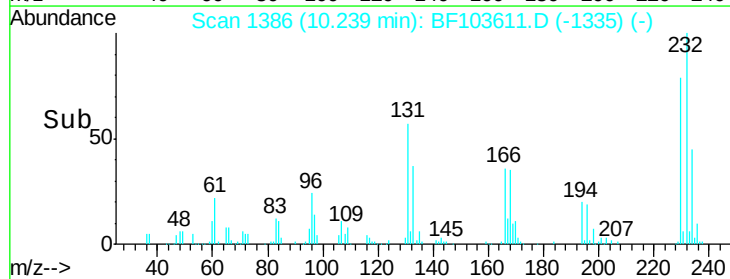
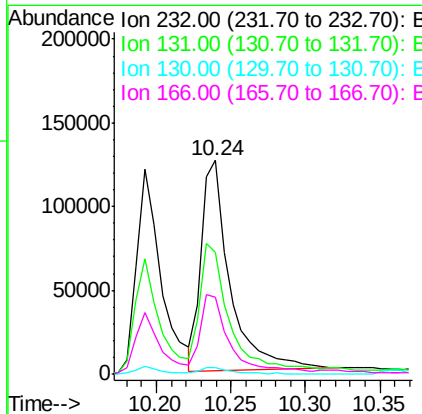
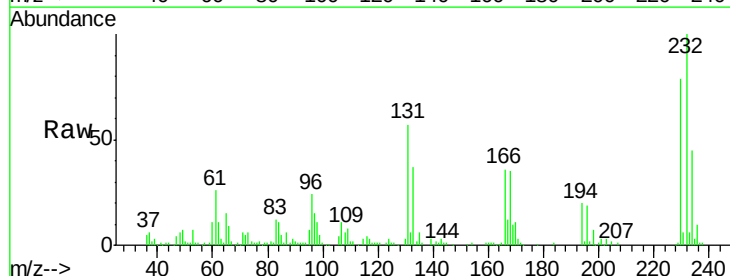
#57
 Fluorene
 Concen: 40.157 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF103611.D
 Acq: 13 Mar 2018 18:21

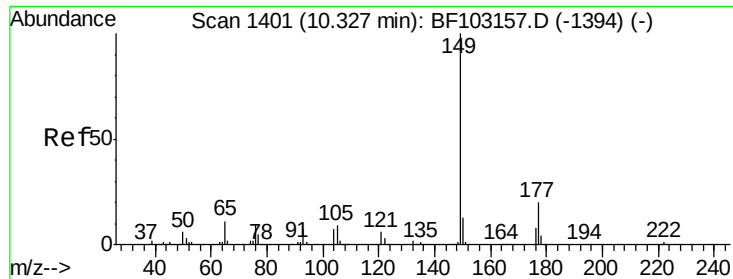
Tot	Ion:166	Resp:	776333
Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.8	119.8
167	13.4	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.750 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. 0.00 min
 Lab File: BF103611.D
 Acq: 13 Mar 2018 18:21

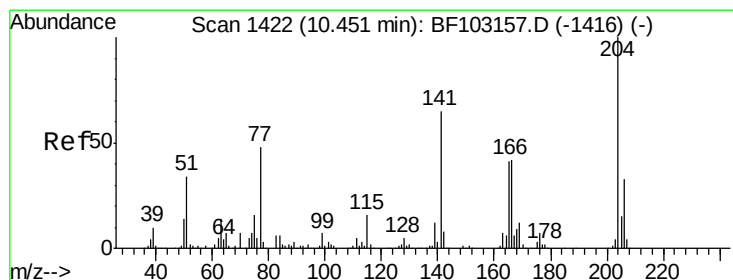
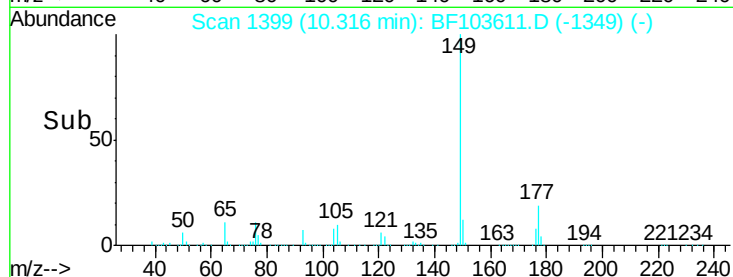
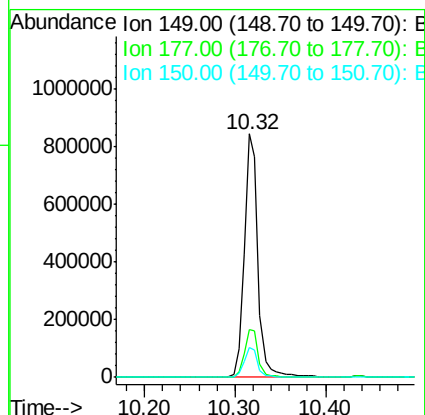
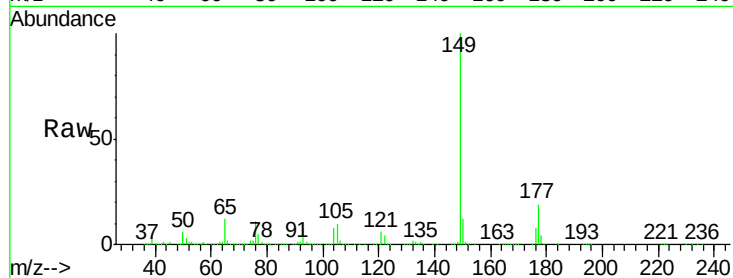
Tgt	Ion:232	Resp:	168887
Ion	Ratio	Lower	Upper
232	100		
131	58.2	43.8	65.8
130	3.3	2.1	3.1#
166	34.8	27.8	41.6





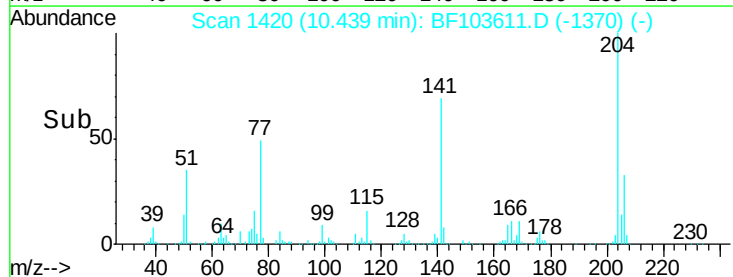
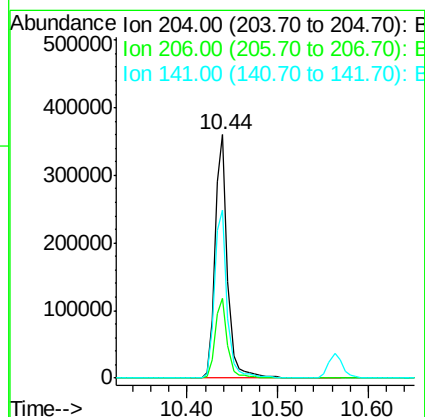
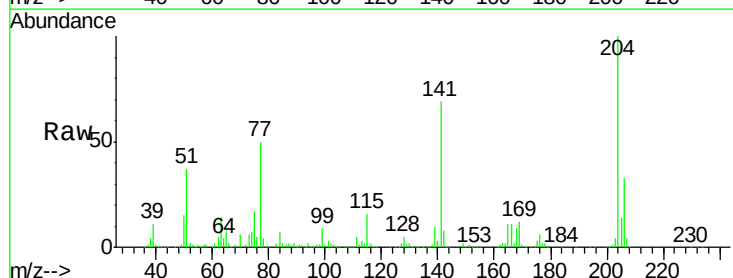
#59
Diethylphthalate
Concen: 41.915 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

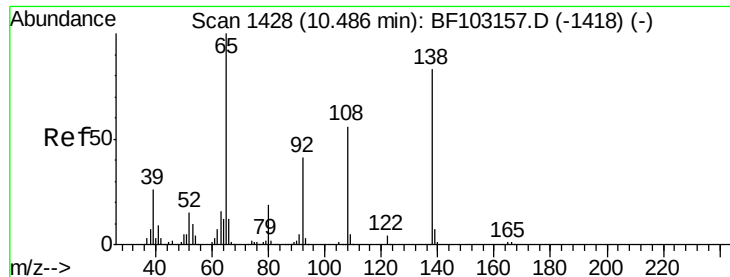
Tot Ion:149 Resp: 893916
Ion Ratio Lower Upper
149 100
177 19.5 16.1 24.1
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 42.144 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

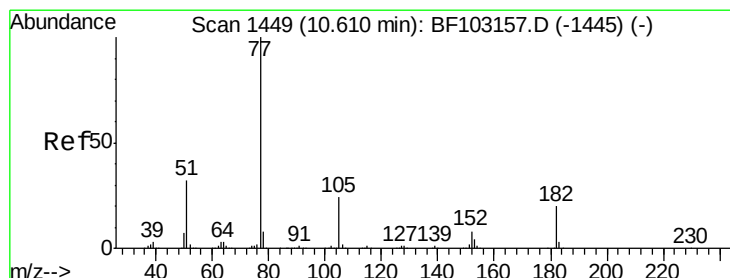
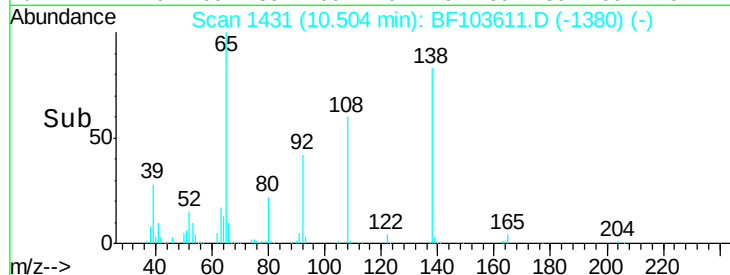
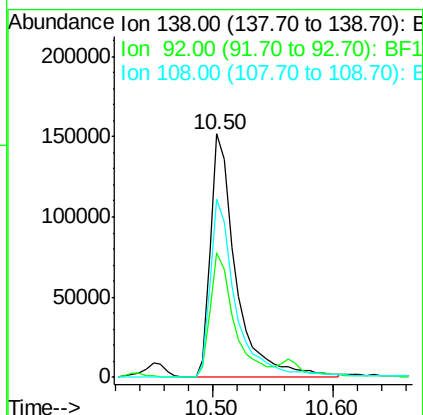
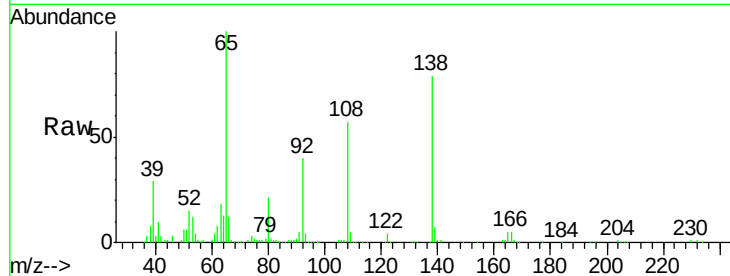
Tgt Ion:204 Resp: 345505
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 68.8 54.6 81.8





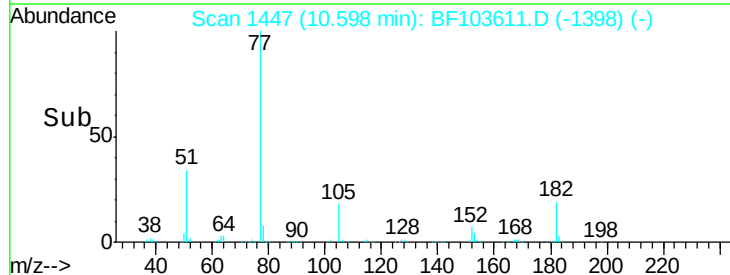
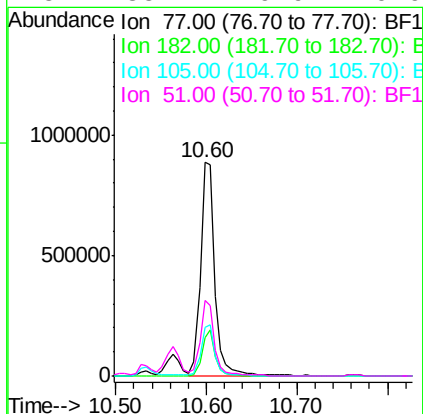
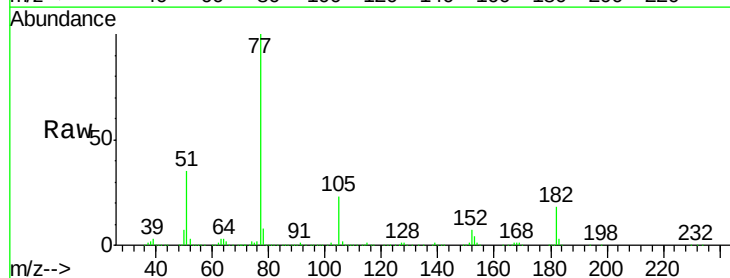
#61
4-Nitroaniline
Concen: 36.935 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

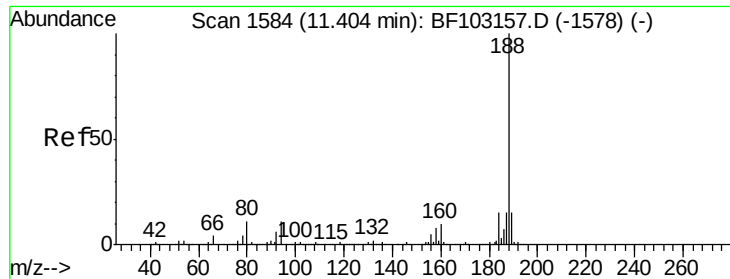
Tot Ion:138 Resp: 219021
Ion Ratio Lower Upper
138 100
92 51.3 30.2 70.2
108 73.2 52.5 92.5



#62
Azobenzene
Concen: 44.873 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

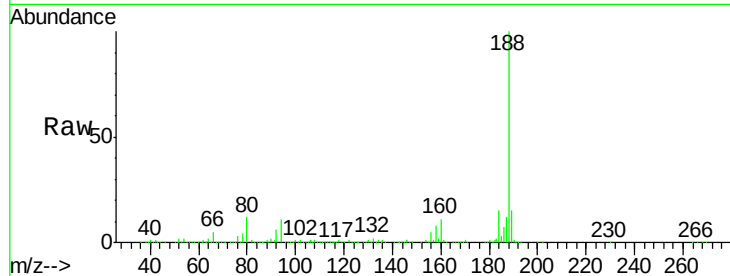
Tgt Ion: 77 Resp: 974108
Ion Ratio Lower Upper
77 100
182 18.0 1.7 41.7
105 22.9 3.0 43.0
51 35.2 9.9 49.9



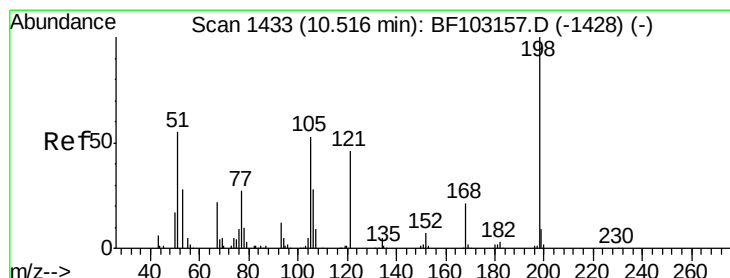
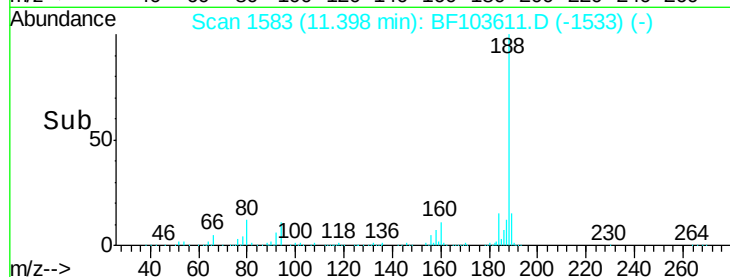
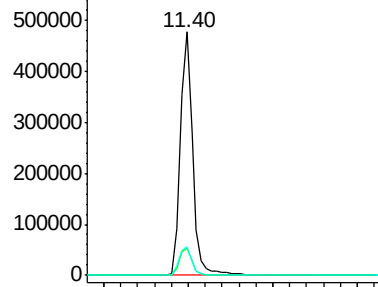


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

Tot Ion:188 Resp: 489215
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 12.0 9.2 13.8

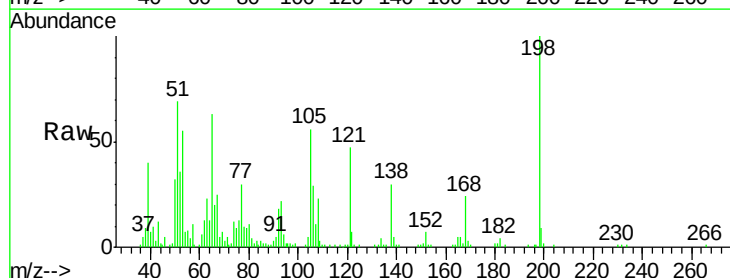


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

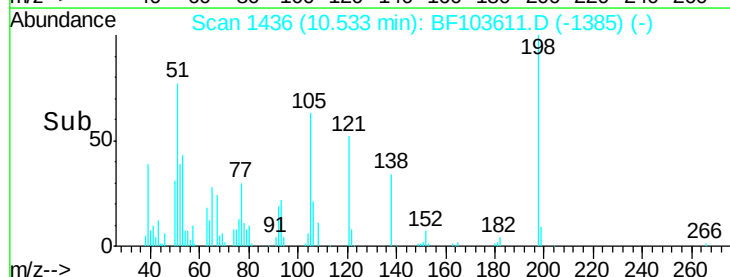
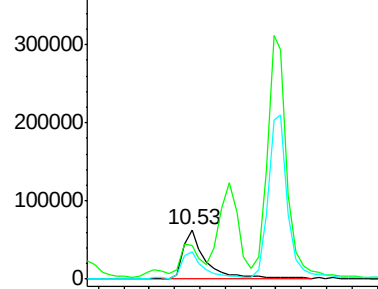


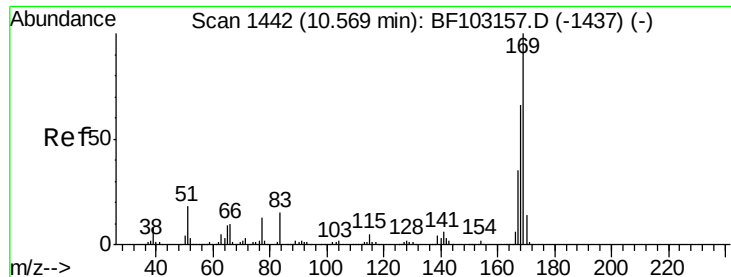
#64
4,6-Dinitro-2-methylphenol
Concen: 29.503 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

Tgt Ion:198 Resp: 81495
Ion Ratio Lower Upper
198 100
51 69.4 37.7 77.7
105 55.8 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





#65

n-Nitrosodiphenylamine

Concen: 41.254 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

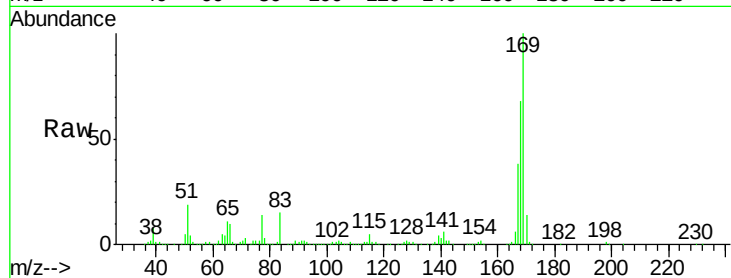
Tot Ion:169 Resp: 702710

Ion Ratio Lower Upper

169 100

168 67.7 54.4 81.6

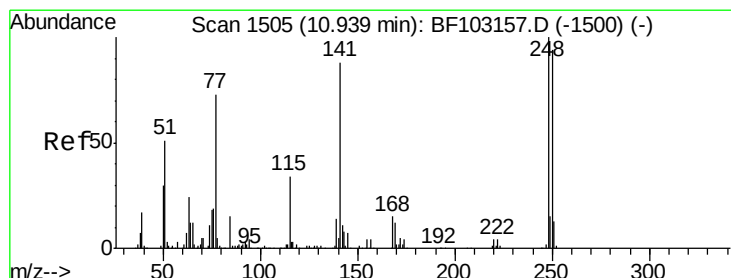
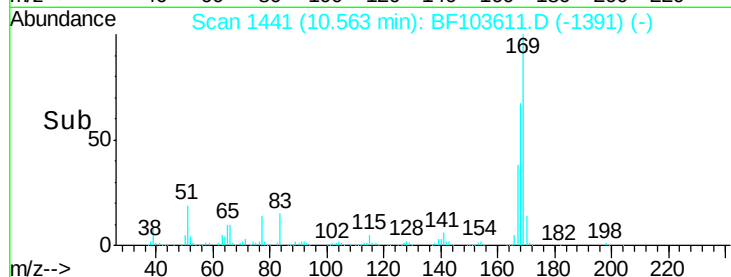
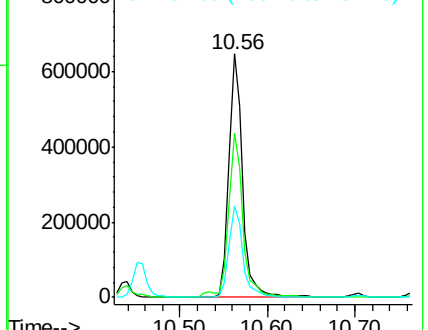
167 37.7 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.697 ng

RT: 10.93 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

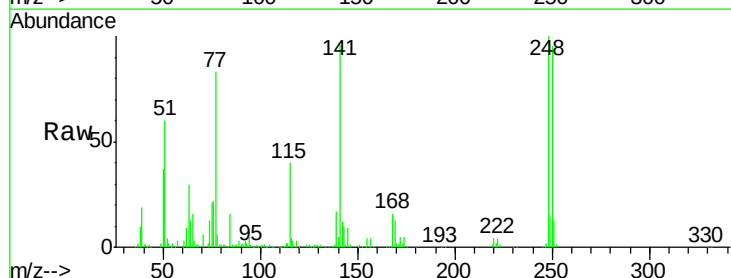
Tgt Ion:248 Resp: 202300

Ion Ratio Lower Upper

248 100

250 95.4 76.9 115.3

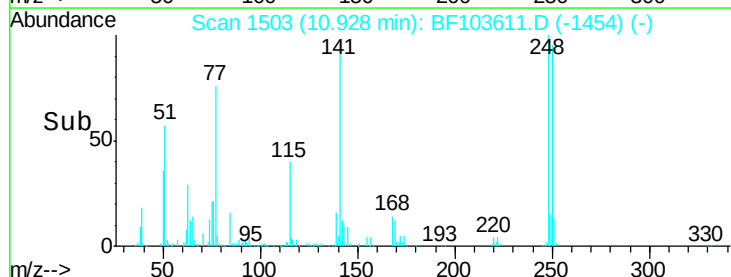
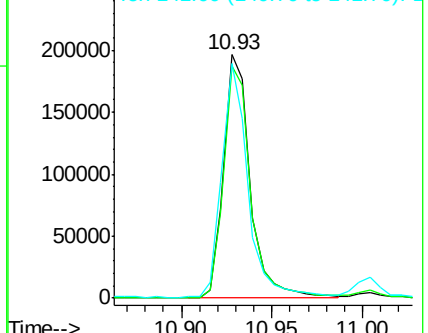
141 96.4 74.4 111.6

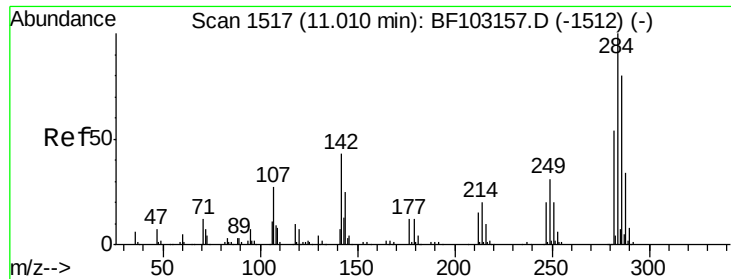


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

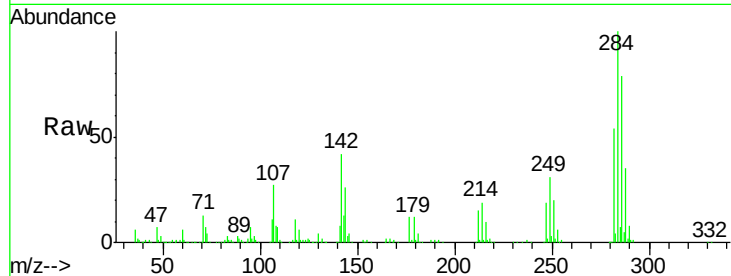
Ion 141.00 (140.70 to 141.70): E



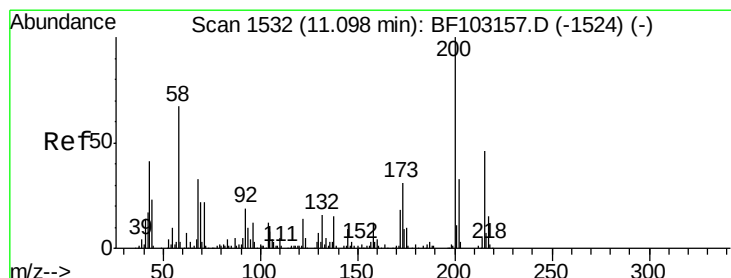
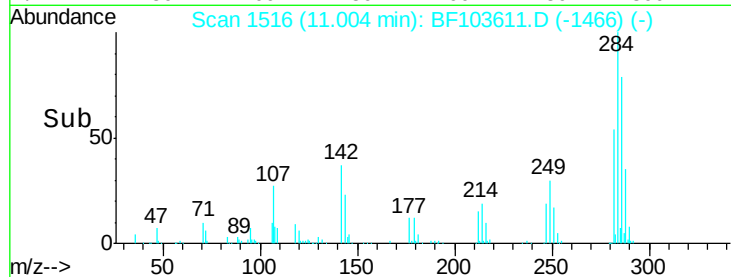
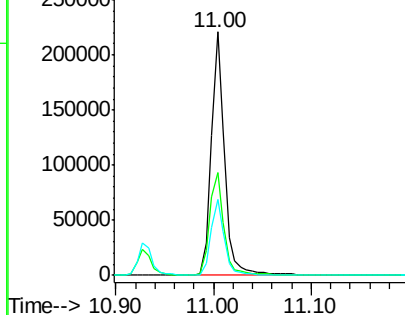


#67
Hexachlorobenzene
Concen: 37.730 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

Tot Ion	Ratio	Lower	Upper
284	100		
142	42.4	34.6	52.0
249	31.3	24.8	37.2

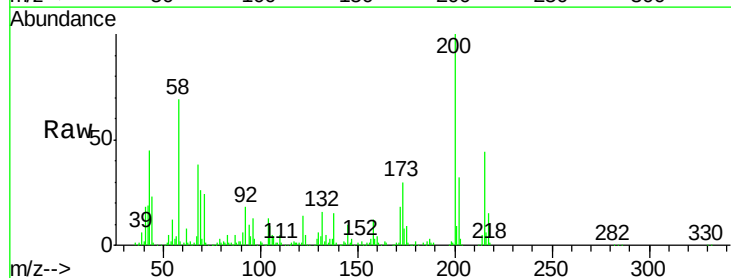


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

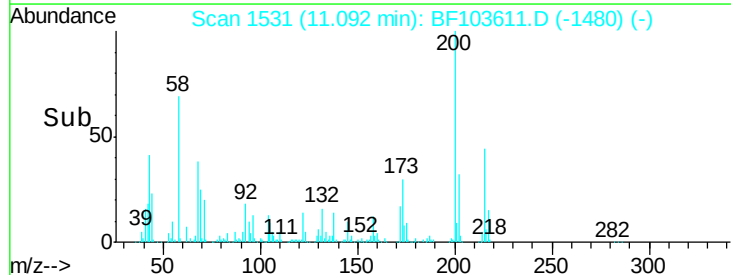
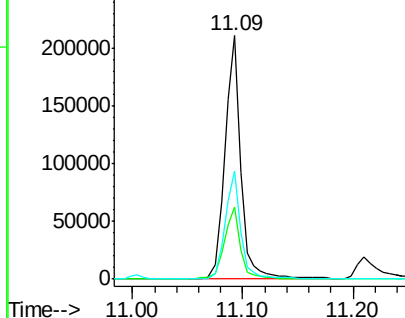


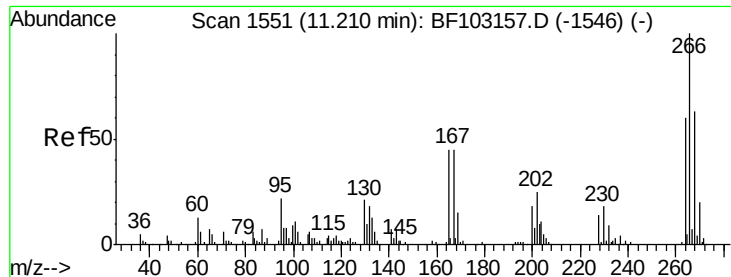
#68
Atrazine
Concen: 41.544 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.8	8.6	48.6
215	44.5	25.1	65.1



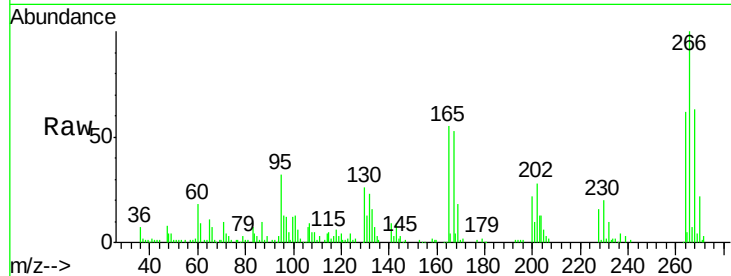
Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



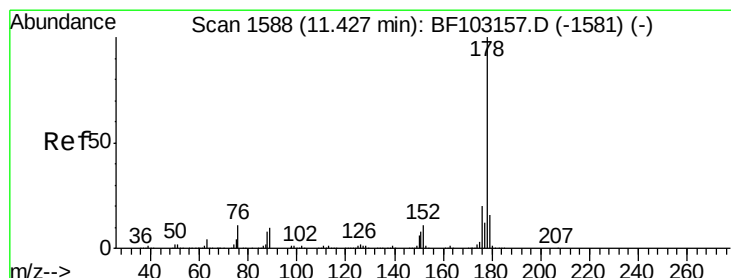
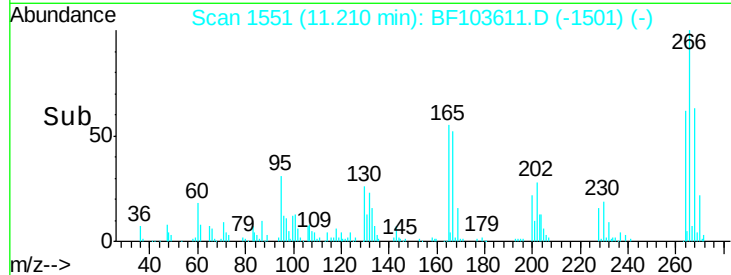
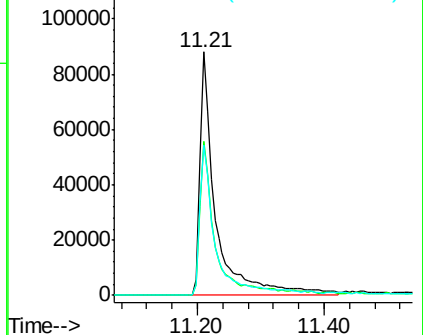


#69
 Pentachlorophenol
 Concen: 57.352 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF103611.D
 Acq: 13 Mar 2018 18:21

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.1	76.7
264	61.8	49.5	74.3

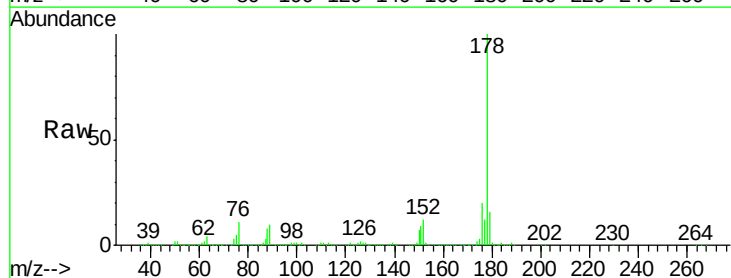


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

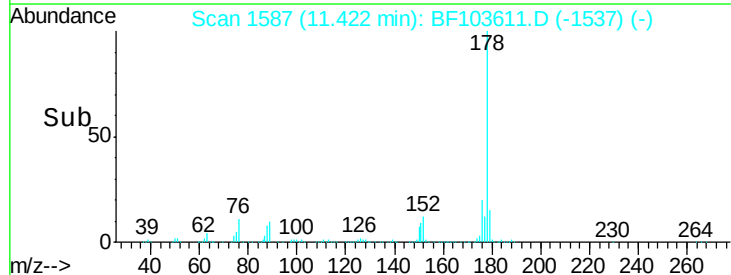
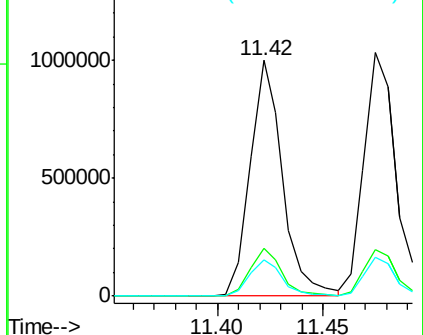


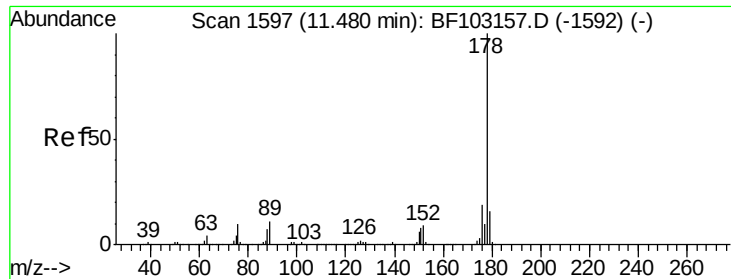
#70
 Phenanthrene
 Concen: 39.554 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF103611.D
 Acq: 13 Mar 2018 18:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.8
179	15.5	13.0	19.6



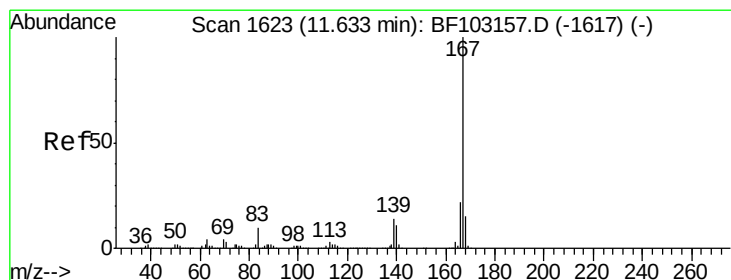
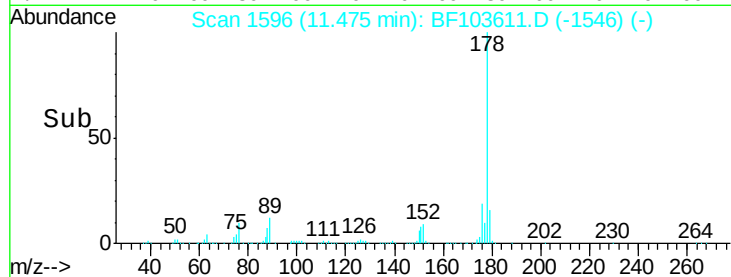
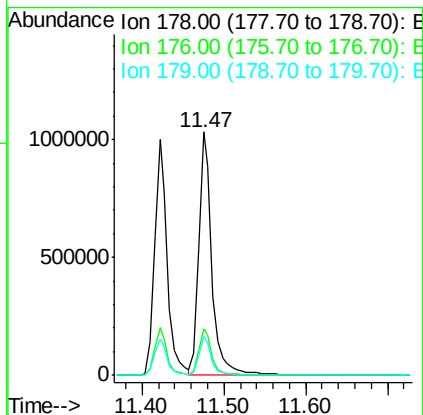
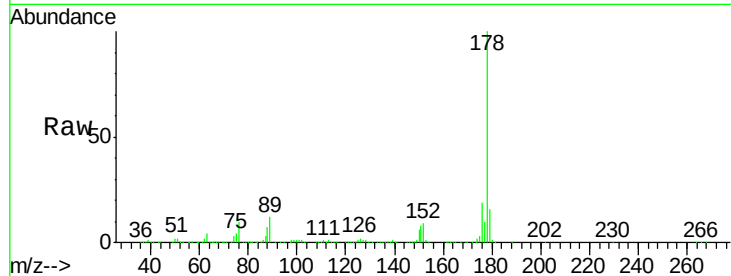
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





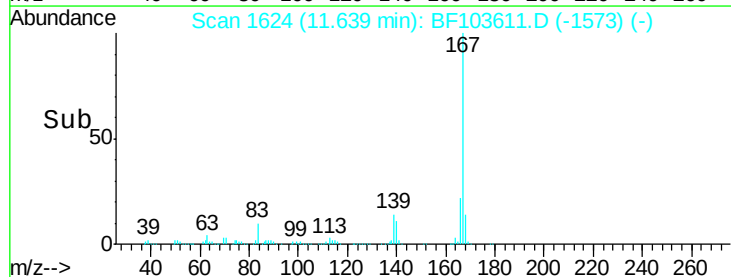
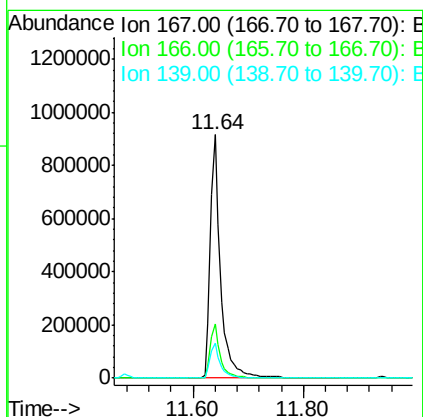
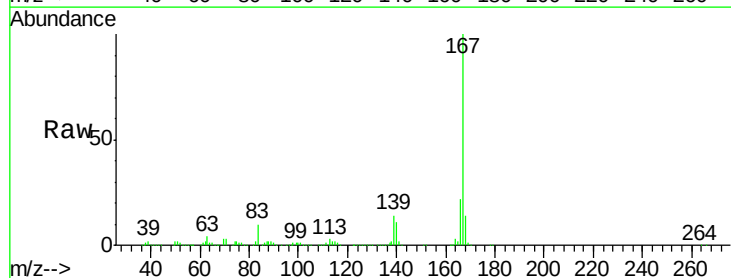
#71
 Anthracene
 Concen: 42.292 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF103611.D
 Acq: 13 Mar 2018 18:21

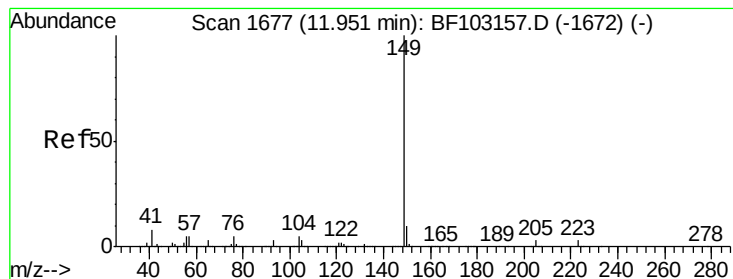
Tot Ion:178 Resp: 1167590
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 42.191 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF103611.D
 Acq: 13 Mar 2018 18:21

Tgt Ion:167 Resp: 1159949
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 14.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 41.454 ng

RT: 11.94 min Scan# 1675

Delta R.T. -0.01 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

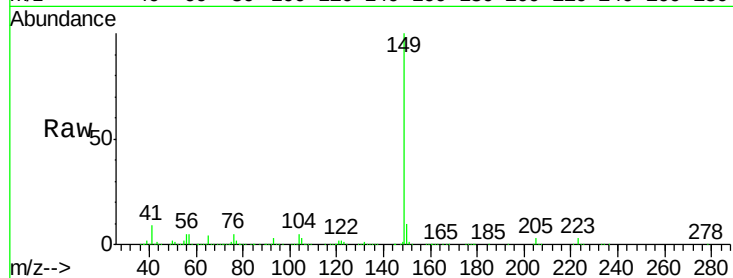
Tot Ion:149 Resp: 1426079

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

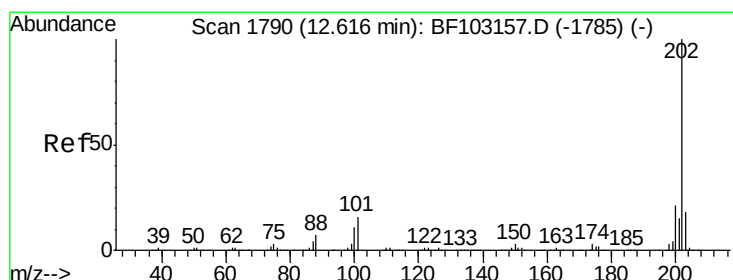
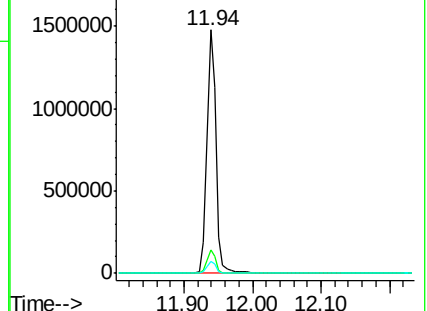
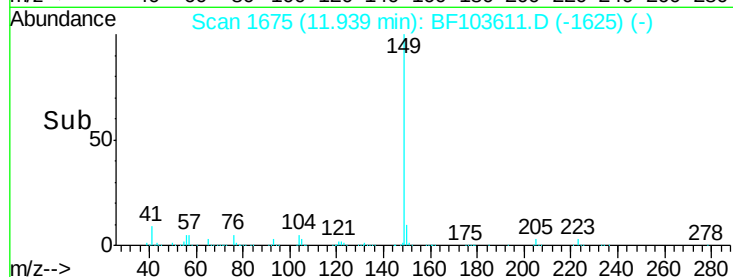
104 5.2 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.611 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

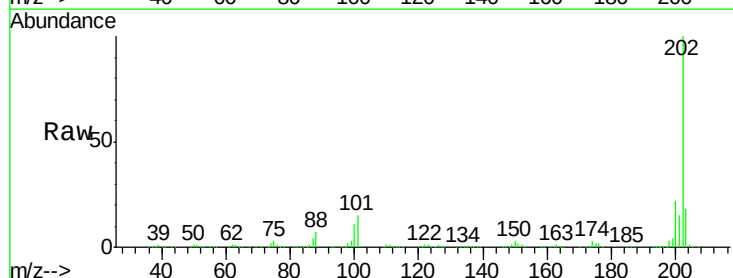
Tgt Ion:202 Resp: 1044606

Ion Ratio Lower Upper

202 100

101 15.4 0.0 34.1

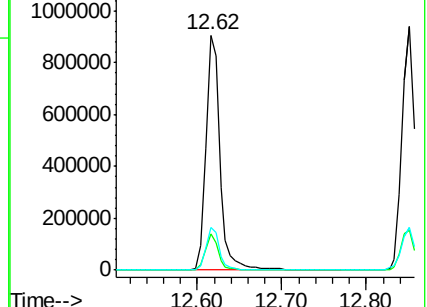
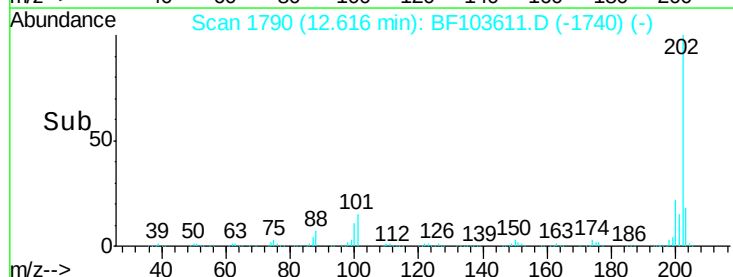
203 17.9 0.0 38.1

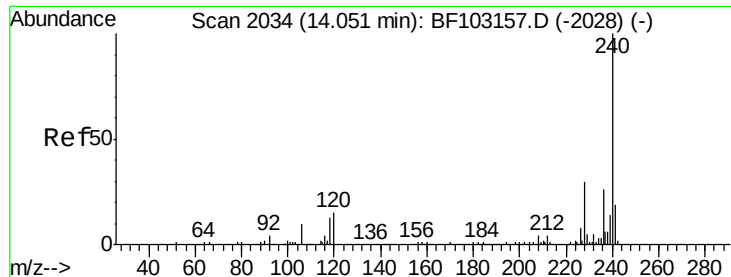


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

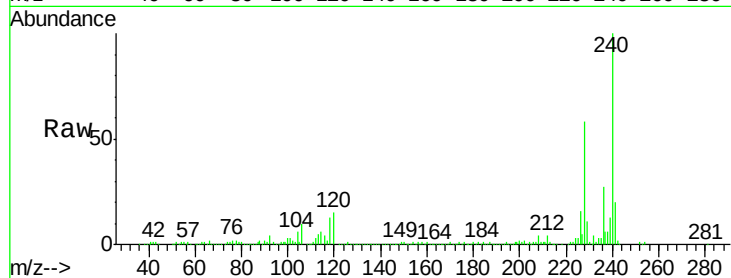
Tot Ion:240 Resp: 278195

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

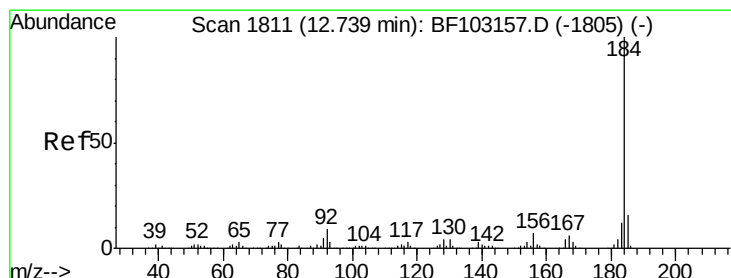
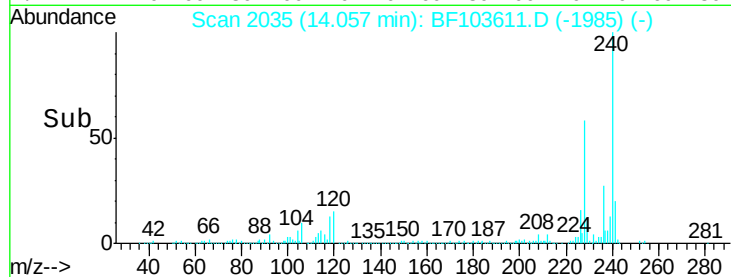
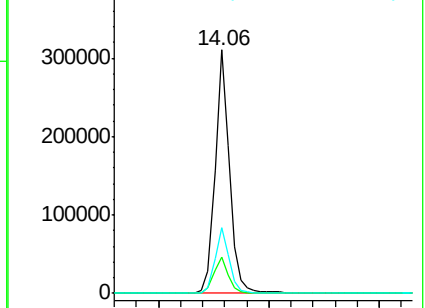
236 27.1 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 56.902 ng

RT: 12.75 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

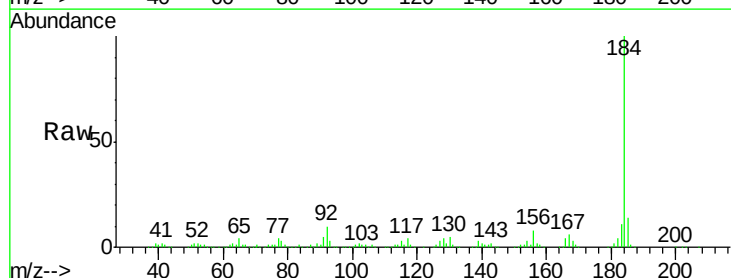
Tgt Ion:184 Resp: 591800

Ion Ratio Lower Upper

184 100

185 14.2 12.6 18.8

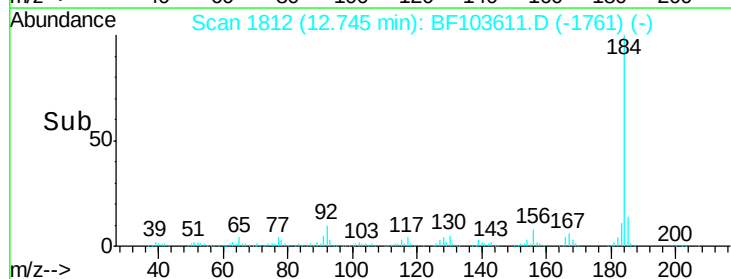
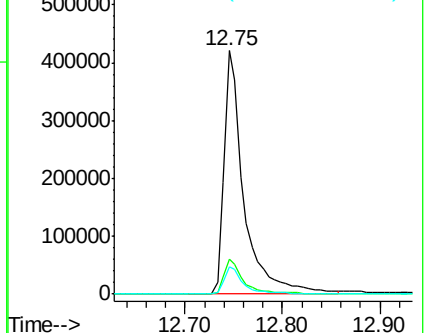
183 11.1 9.3 13.9

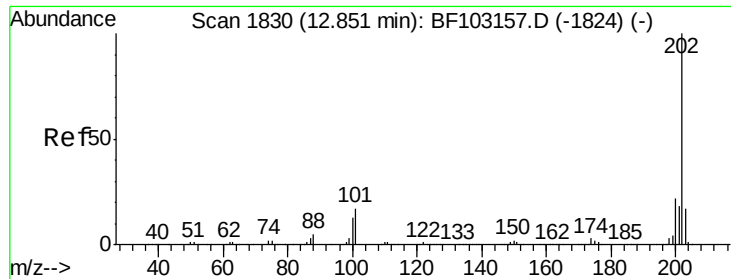


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

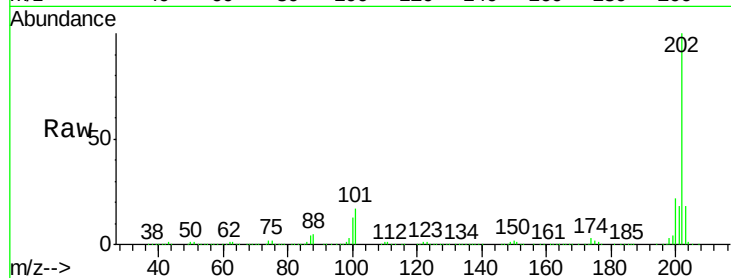




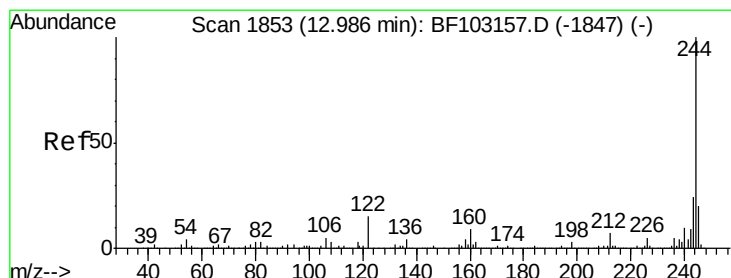
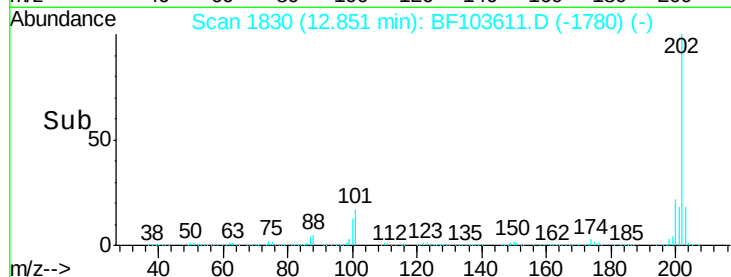
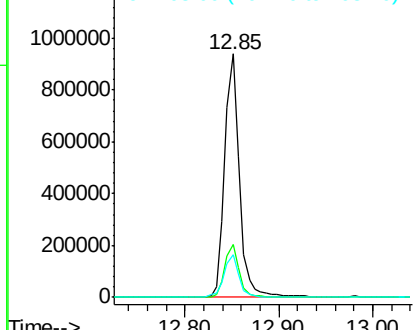
#77
Pvrene
Concen: 47.318 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

Tot Ion:202 Resp: 1026319

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	17.6	14.3	21.5



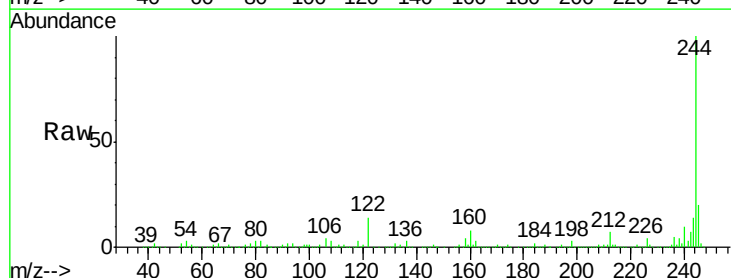
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



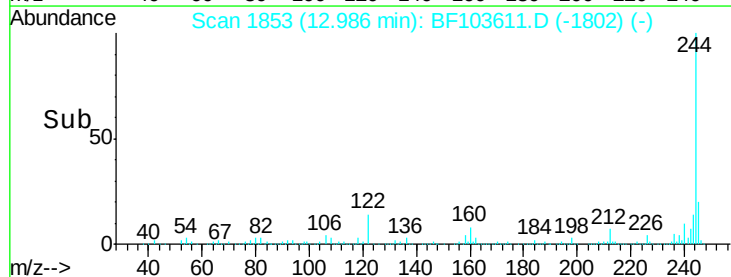
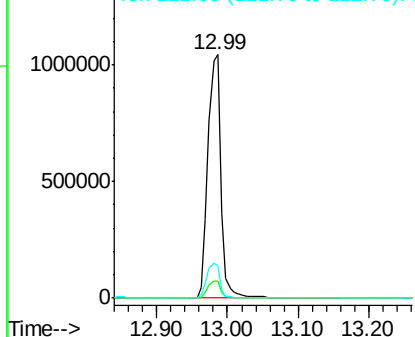
#78
Terphenyl-d14
Concen: 116.384 ng
RT: 12.99 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

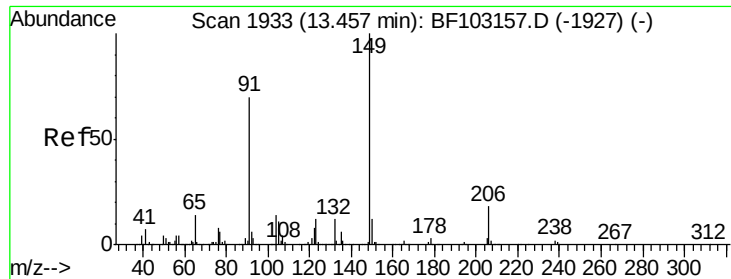
Tgt Ion:244 Resp: 1346888

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	13.5	11.0	16.4



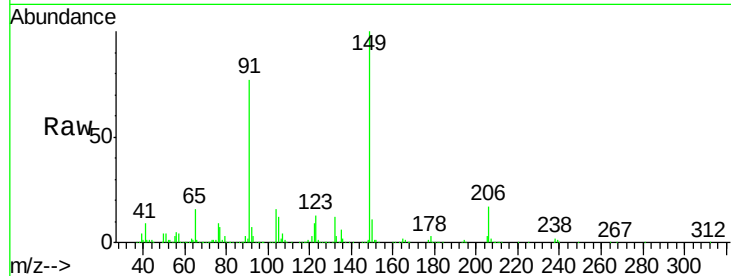
Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



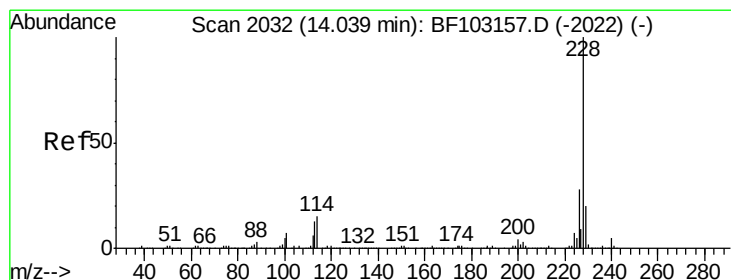
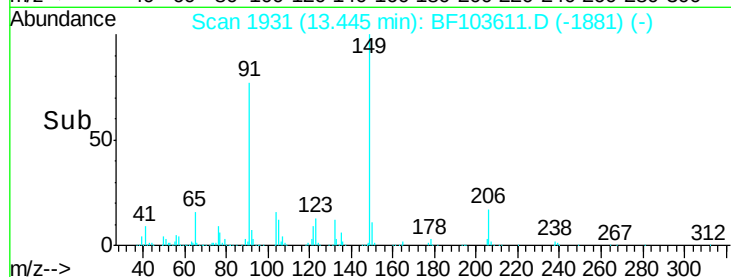
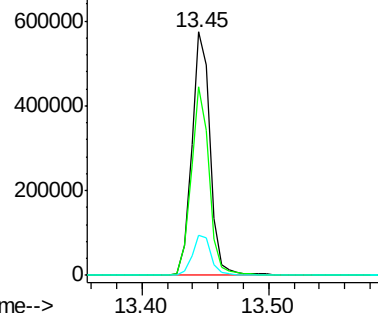


#79
Butylbenzylphthalate
Concen: 51.019 ng
RT: 13.45 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

Tot Ion	Ratio	Lower	Upper
149	100		
91	77.2	56.8	85.2
206	16.7	14.1	21.1

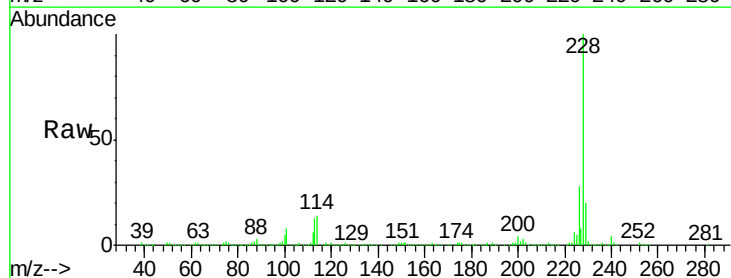


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

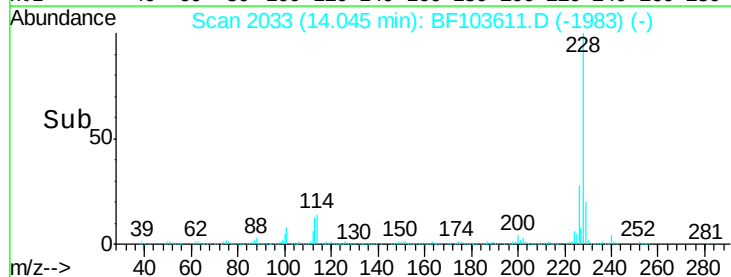
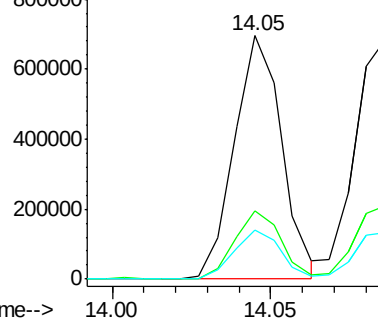


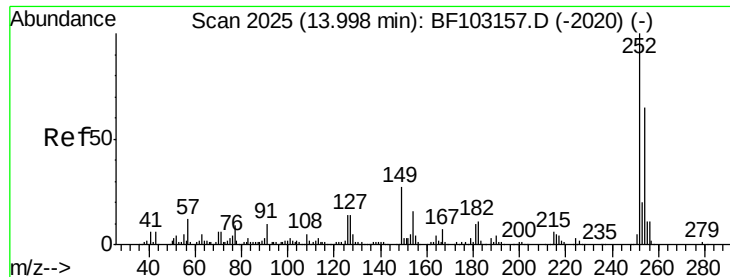
#80
Benzo(a)anthracene
Concen: 40.118 ng
RT: 14.05 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	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





#81

3,3'-Dichlorobenzidine

Concen: 37.349 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

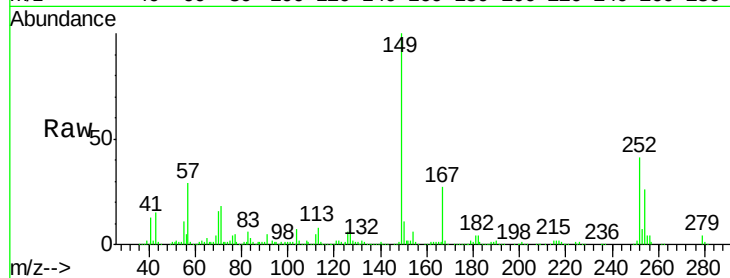
Tot Ion:252 Resp: 240597

Ion Ratio Lower Upper

252 100

254 63.9 50.4 75.6

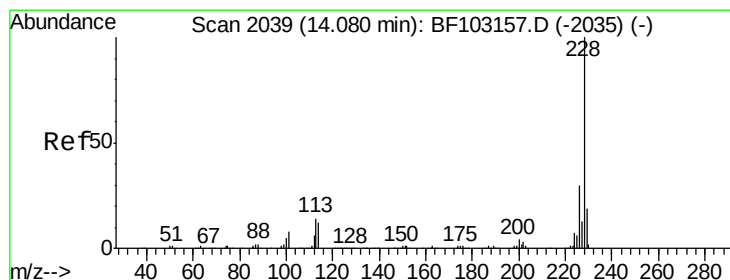
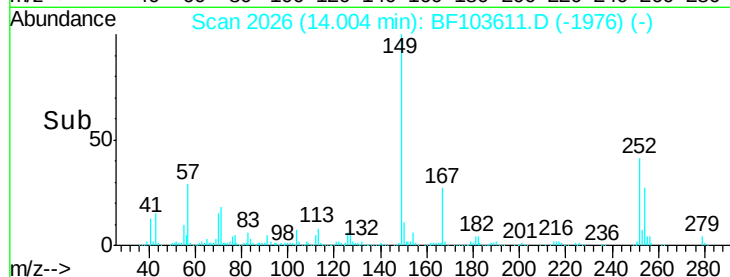
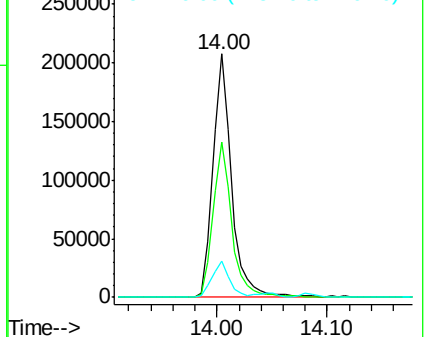
126 14.7 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 42.403 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.00 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

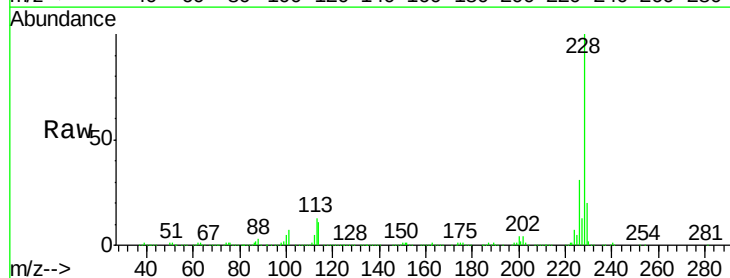
Tgt Ion:228 Resp: 743164

Ion Ratio Lower Upper

228 100

226 30.7 25.0 37.6

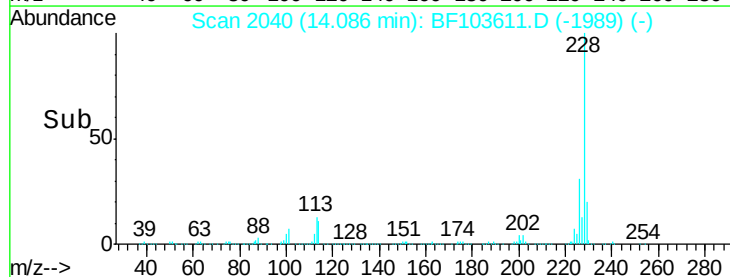
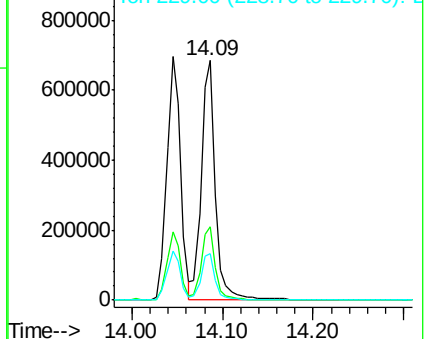
229 19.6 16.2 24.4

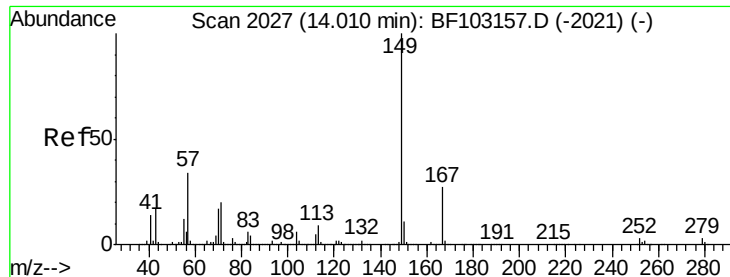


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

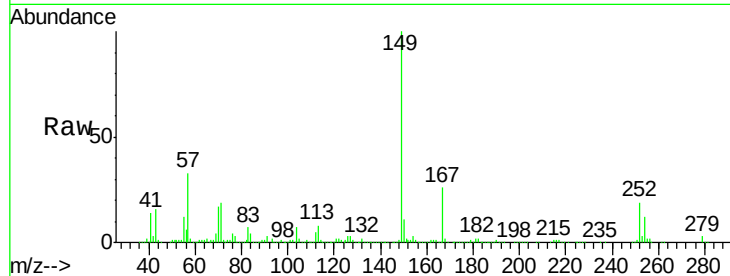
Ion 229.00 (228.70 to 229.70): E



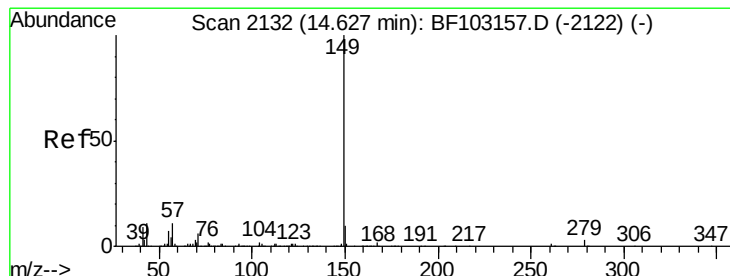
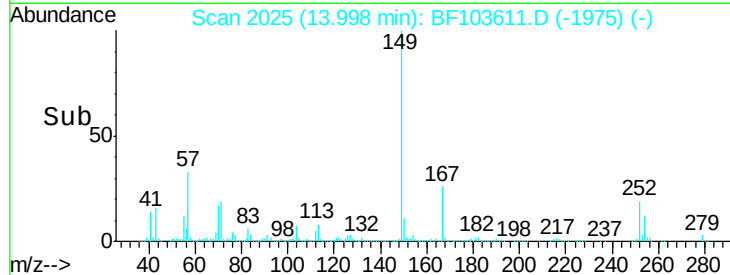
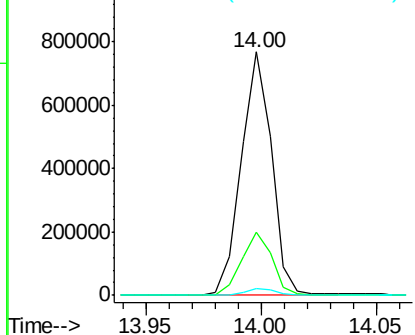


#83
Bis(2-ethylhexyl)phthalate
Concen: 45.792 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.3	31.9
279	2.7	3.0	4.4#

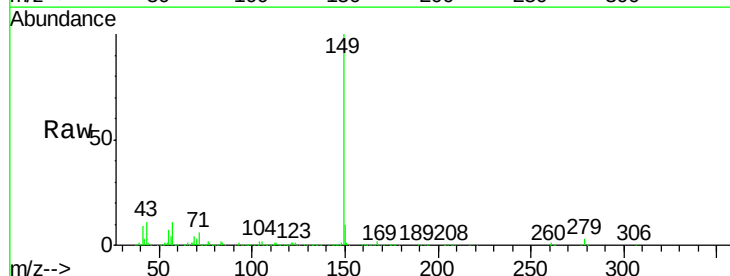


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

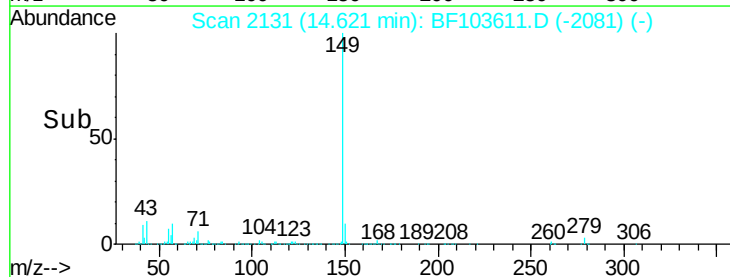
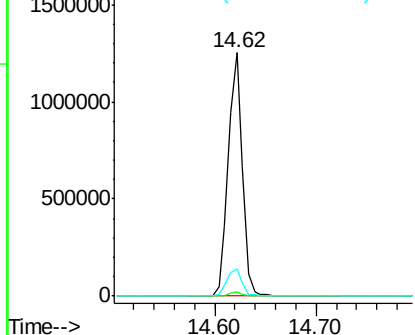


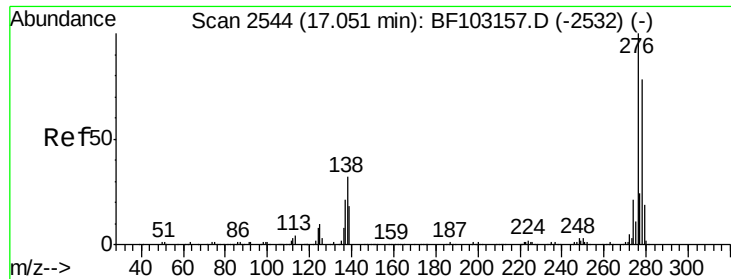
#84
Di-n-octyl phthalate
Concen: 48.612 ng
RT: 14.62 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.8	8.4	12.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

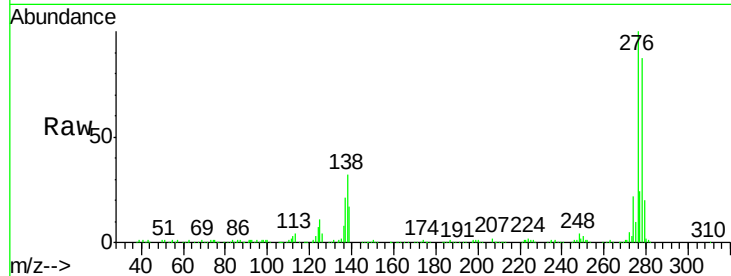




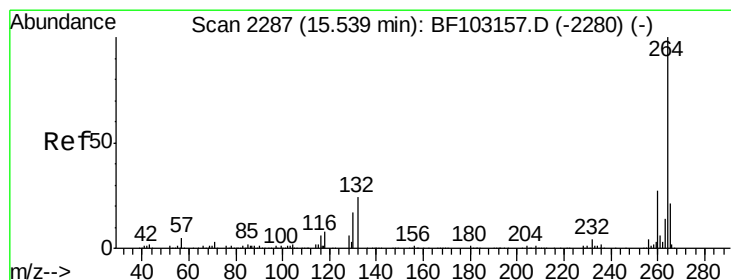
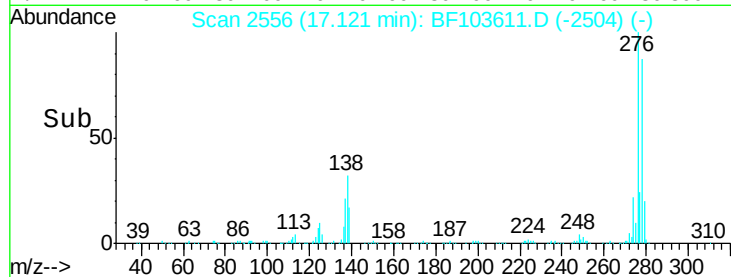
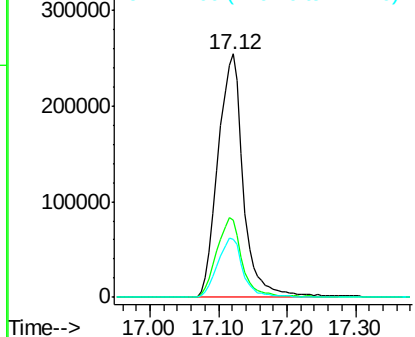
#85

Indeno(1,2,3-cd)pyrene
Concen: 47.337 ng
RT: 17.12 min Scan# 2556
Delta R.T. 0.01 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.1	25.0	37.6
277	24.8	20.1	30.1



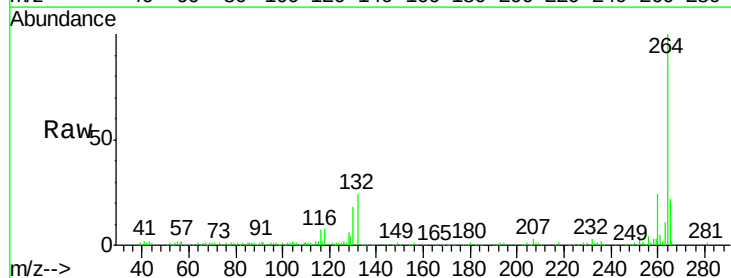
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



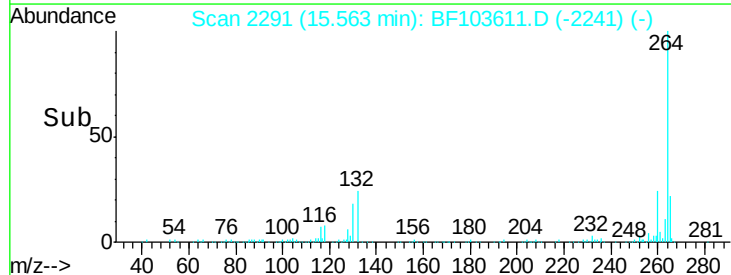
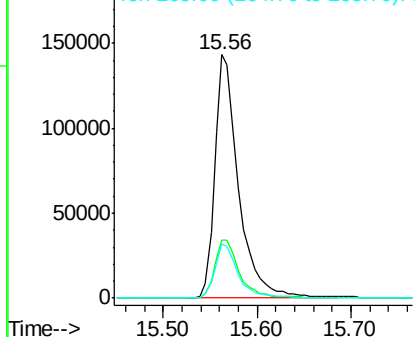
#86

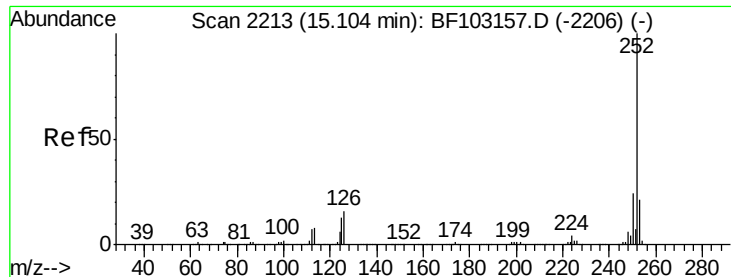
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.2	17.5	26.3



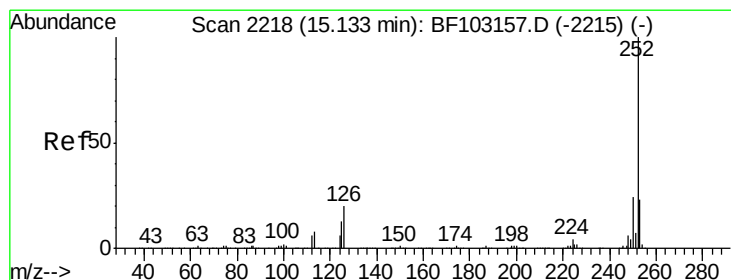
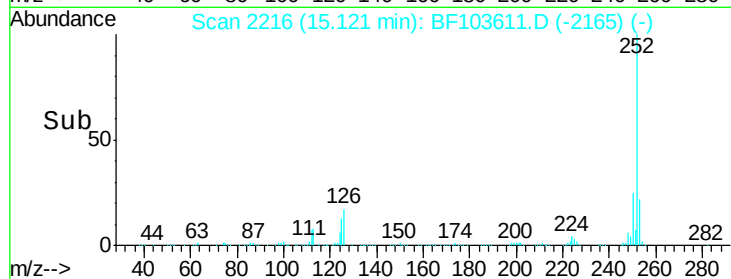
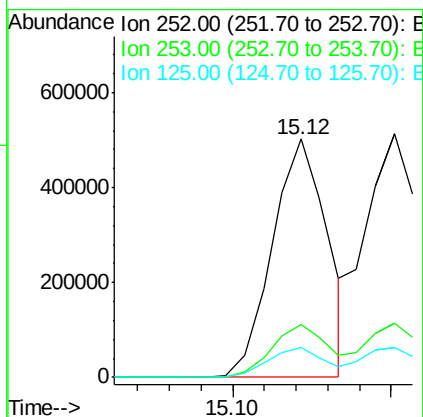
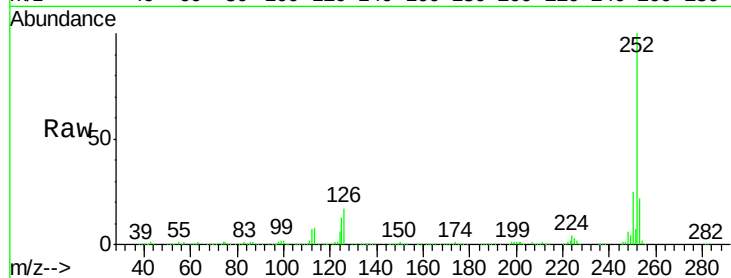
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





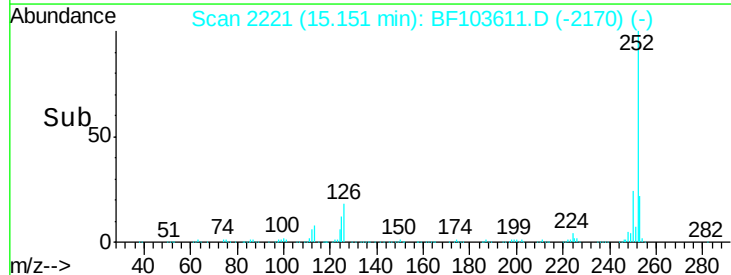
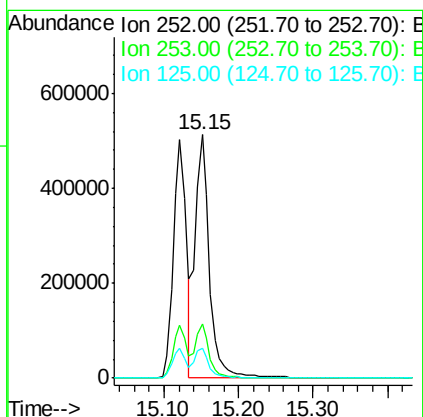
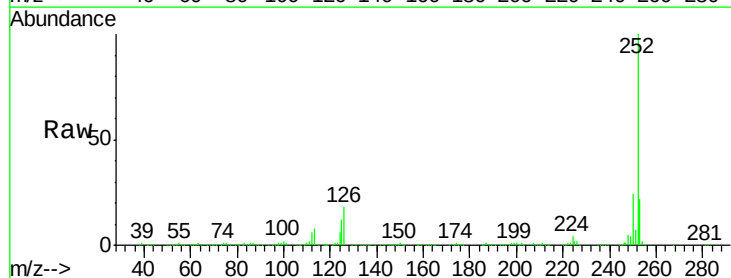
#87
Benzo(b)fluoranthene
Concen: 36.300 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

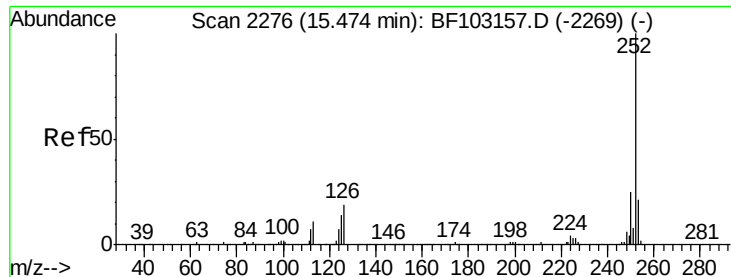
Tot Ion:252 Resp: 606443
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 12.7 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 43.581 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

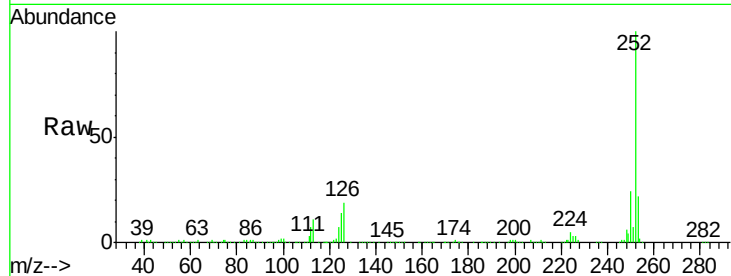
Tgt Ion:252 Resp: 685606
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 12.2 10.2 15.2



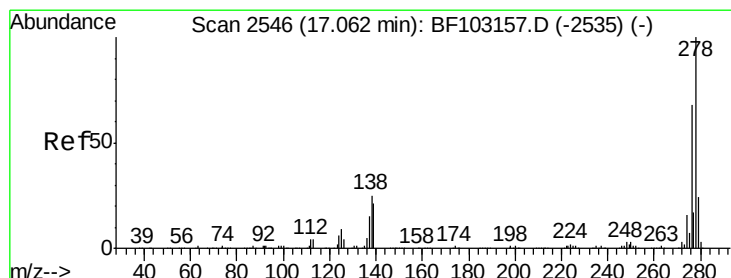
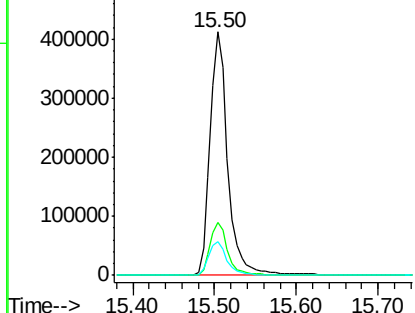
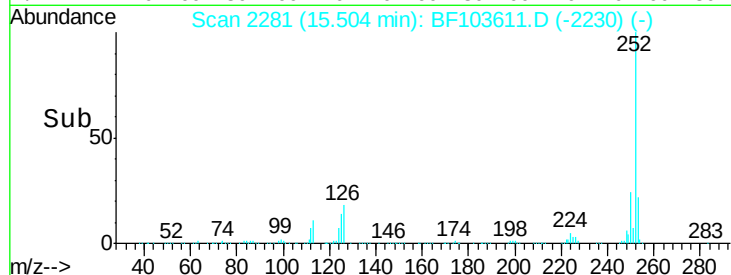


#89
Benzo(a)pyrene
Concen: 41.565 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	13.9	9.8	14.6

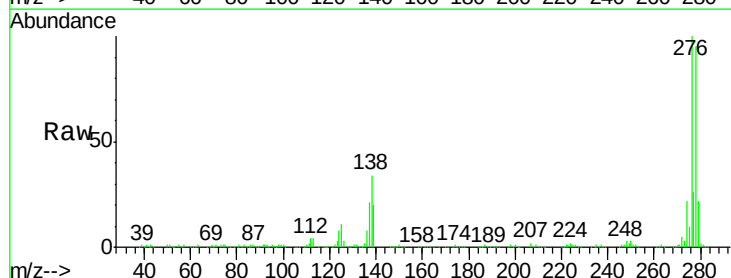


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

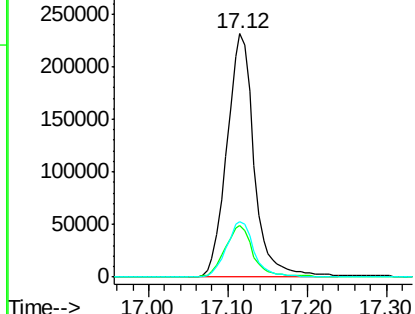
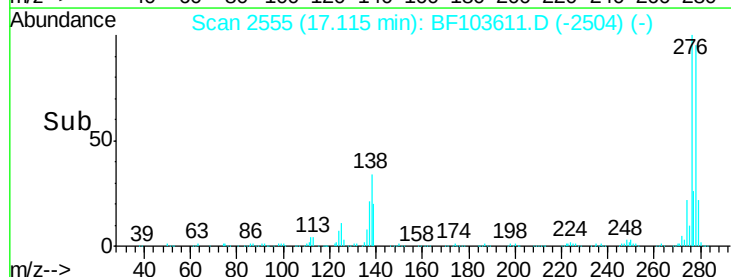


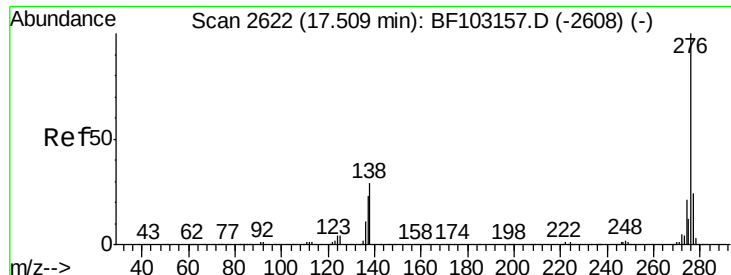
#90
Dibenzo(a,h)anthracene
Concen: 47.830 ng
RT: 17.12 min Scan# 2555
Delta R.T. 0.00 min
Lab File: BF103611.D
Acq: 13 Mar 2018 18:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.2	15.9	23.9
279	22.7	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: 48.943 ng

RT: 17.59 min Scan# 2635

Delta R.T. 0.00 min

Lab File: BF103611.D

Acq: 13 Mar 2018 18:21

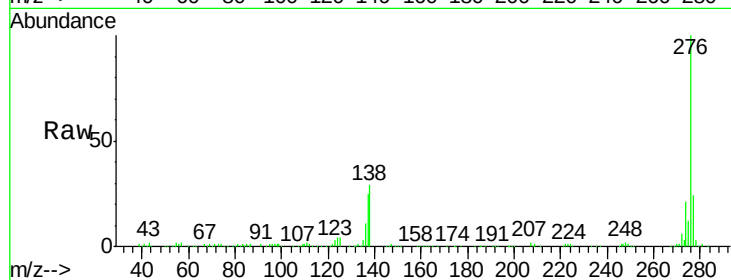
Tot Ion: 276 Resp: 551432

Ion Ratio Lower Upper

276 100

277 24.1 17.9 26.9

138 28.9 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

