

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010419\
 Data File : BF111843.D
 Acq On : 4 Jan 2019 14:34
 Operator : JU/SJ
 Sample : PB116151BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 04 15:03:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	226684	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	847471	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	430832	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	819941	20.00	ng	0.00
76) Chrysene-d12	14.06	240	603892	20.00	ng	0.01
87) Perylene-d12	15.54	264	427853	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	1597080	120.09	ng	0.03
7) Phenol-d6	6.55	99	2030536	119.97	ng	0.02
23) Nitrobenzene-d5	7.46	82	1093959	75.14	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	669097	131.44	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	2090165	70.71	ng	0.00
79) Terphenyl-d14	13.00	244	2249504	70.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.81	88	229299	36.647	ng	95
3) Pyridine	3.55	79	622174	38.167	ng	98
4) n-Nitrosodimethylamine	3.50	42	339248	42.524	ng	91
6) Aniline	6.56	93	632667	29.326	ng	# 3
8) 2-Chlorophenol	6.69	128	611123	41.483	ng	95
9) Benzaldehyde	6.44	77	156923	13.481	ng	99
10) Phenol	6.56	94	727039	38.072	ng	76
11) bis(2-Chloroethyl)ether	6.63	93	582319	40.693	ng	97
12) 1,3-Dichlorobenzene	6.84	146	687407	40.264	ng	99
13) 1,4-Dichlorobenzene	6.92	146	690597	39.885	ng	98
14) 1,2-Dichlorobenzene	7.07	146	654965	40.545	ng	96
15) Benzyl Alcohol	7.04	79	546834	40.682	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.17	45	976187	37.040	ng	93
17) 2-Methylphenol	7.16	107	497782	42.199	ng	# 94
18) Hexachloroethane	7.41	117	244259	41.864	ng	# 86
19) n-Nitroso-di-n-propylamine	7.30	70	428291	38.104	ng	97
20) 3+4-Methylphenols	7.31	107	607807	40.778	ng	# 78
22) Acetophenone	7.30	105	812770	37.857	ng	# 94
24) Nitrobenzene	7.47	77	650418	42.624	ng	98
25) Isophorone	7.72	82	1170512	45.286	ng	98
26) 2-Nitrophenol	7.79	139	337177	54.482	ng	98
27) 2,4-Dimethylphenol	7.83	122	553794	45.394	ng	96
28) bis(2-Chloroethoxy)methane	7.92	93	731074	42.505	ng	98
29) 2,4-Dichlorophenol	8.04	162	553453	42.177	ng	97
30) 1,2,4-Trichlorobenzene	8.12	180	590835	40.406	ng	97
31) Naphthalene	8.20	128	1772321	43.525	ng	97
32) Benzoic acid	7.95	122	261353	32.401	ng	93
33) 4-Chloroaniline	8.25	127	483376	27.465	ng	99
34) Hexachlorobutadiene	8.32	225	354561	39.785	ng	96
35) Caprolactam	8.61	113	77586	17.449	ng	92
36) 4-Chloro-3-methylphenol	8.74	107	542098	42.027	ng	98
37) 2-Methylnaphthalene	8.89	142	1206442	45.539	ng	100
38) 1-Methylnaphthalene	8.99	142	1131612	44.475	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	563862	39.829	ng	98

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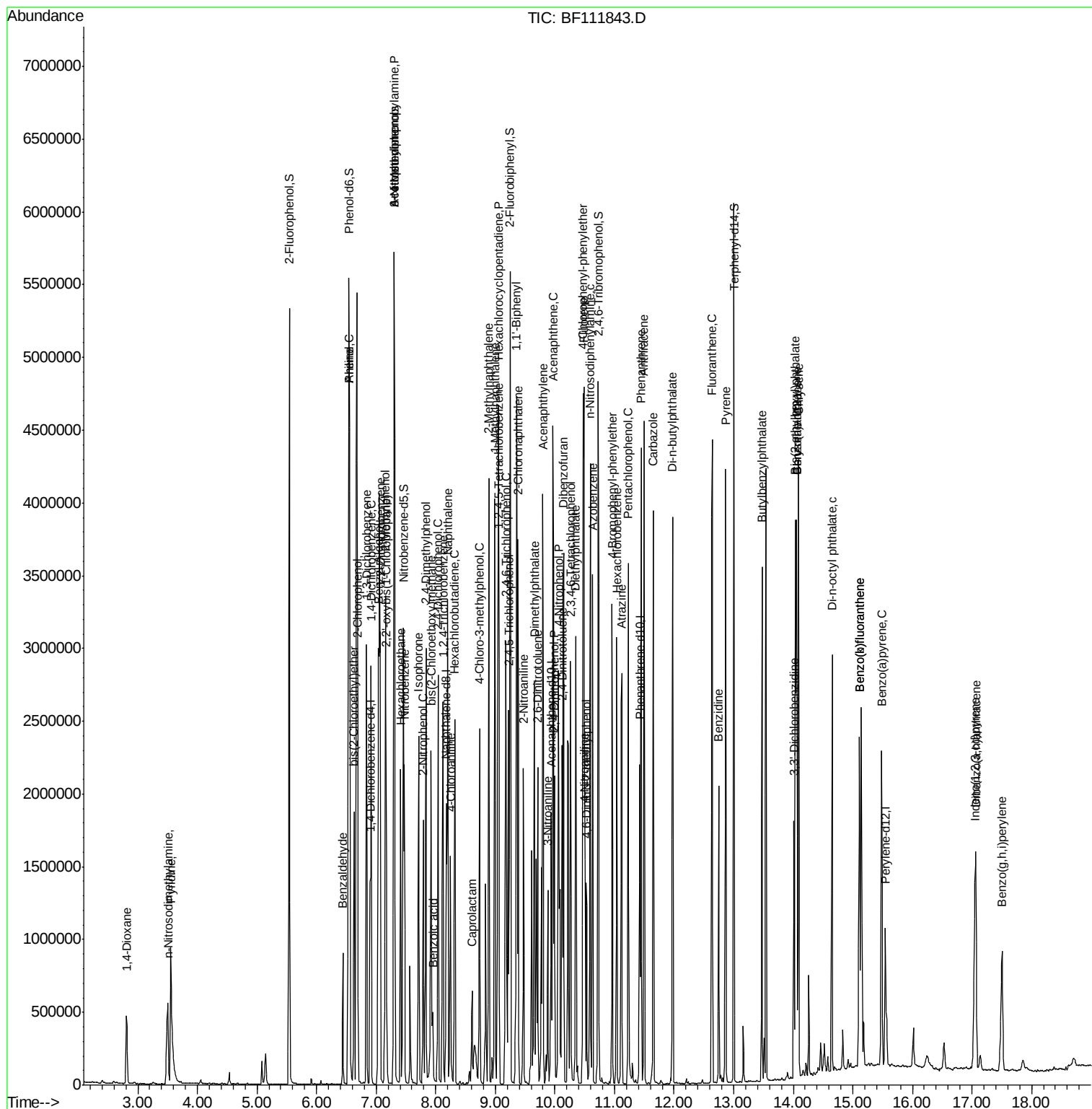
Quant Time: Jan 04 15:03:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
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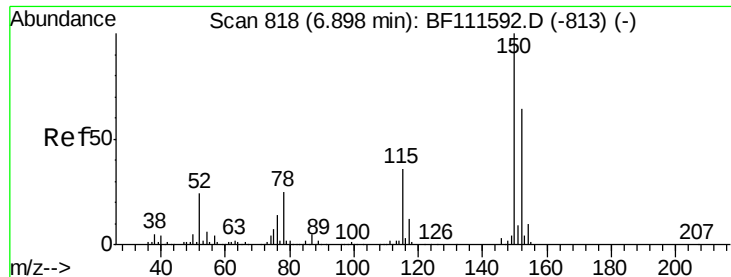
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	759490	110.553	nq	99
43) 2,4,6-Trichlorophenol	9.17	196	395361	41.828	nq	99
44) 2,4,5-Trichlorophenol	9.22	196	417021	43.006	nq #	89
46) 1,1'-Biphenyl	9.36	154	1455169	40.012	nq	95
47) 2-Chloronaphthalene	9.38	162	1150632	39.932	nq	95
48) 2-Nitroaniline	9.47	65	355366	47.407	nq	97
49) Acenaphthylene	9.80	152	1824714	43.372	nq	96
50) Dimethylphthalate	9.66	163	1335583	42.392	nq	98
51) 2,6-Dinitrotoluene	9.72	165	300986	47.911	nq	99
52) Acenaphthene	9.97	154	1202505	46.343	nq	98
53) 3-Nitroaniline	9.89	138	229042	34.186	nq	91
54) 2,4-Dinitrophenol	9.99	184	272750	130.237	nq	89
55) Dibenzofuran	10.15	168	1610834	41.091	nq	93
56) 4-Nitrophenol	10.06	139	475127	92.924	nq	97
57) 2,4-Dinitrotoluene	10.12	165	408496	54.103	nq	93
58) Fluorene	10.49	166	1233181	43.655	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	368373	45.141	nq #	87
60) Diethylphthalate	10.35	149	1262430	40.849	nq	99
61) 4-Chlorophenyl-phenylether	10.47	204	625896	40.104	nq	92
62) 4-Nitroaniline	10.50	138	307129	47.165	nq	94
63) Azobenzene	10.63	77	1226499	39.531	nq	96
65) 4,6-Dinitro-2-methylphenol	10.53	198	193252	55.769	nq #	70
66) n-Nitrosodiphenylamine	10.59	169	1098101	39.896	nq	99
67) 4-Bromophenyl-phenylether	10.96	248	408326	40.150	nq	93
68) Hexachlorobenzene	11.04	284	461830	40.729	nq #	90
69) Atrazine	11.12	200	373099	39.019	nq	95
70) Pentachlorophenol	11.23	266	462618	65.993	nq	97
71) Phenanthrene	11.45	178	1806499	41.543	nq	95
72) Anthracene	11.50	178	1861416	42.647	nq	98
73) Carbazole	11.65	167	1639076	38.680	nq	96
74) Di-n-butylphthalate	11.97	149	1899673	39.983	nq	97
75) Fluoranthene	12.64	202	1852376	42.067	nq	96
77) Benzidine	12.75	184	742822	32.689	nq	97
78) Pyrene	12.87	202	1844418	43.250	nq	98
80) Butylbenzylphthalate	13.47	149	766037	44.067	nq	93
81) Benzo(a)anthracene	14.05	228	1514501	43.945	nq	99
82) 3,3'-Dichlorobenzidine	14.01	252	349725	25.683	nq #	96
83) Chrysene	14.09	228	1408341	41.577	nq	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	986207	45.040	nq #	98
85) Di-n-octyl phthalate	14.65	149	1454768	42.882	nq	94
86) Indeno(1,2,3-cd)pyrene	17.05	276	929112	32.266	nq #	88
88) Benzo(b)fluoranthene	15.11	252	1246991	49.869	nq #	96
89) Benzo(k)fluoranthene	15.11	252	1246991	52.382	nq	97
90) Benzo(a)pyrene	15.49	252	1080692	47.571	nq #	95
91) Dibenzo(a,h)anthracene	17.07	278	749512	37.677	nq #	92
92) Benzo(g,h,i)perylene	17.50	276	742249	38.211	nq #	88

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

```
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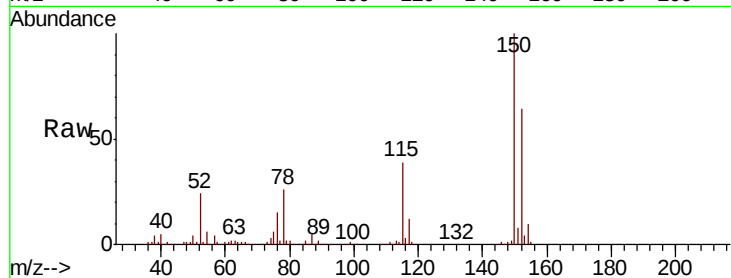




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF111843.D
Acq: 4 Jan 2019 14:34

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.6	189.8
115	60.4	50.7	76.1

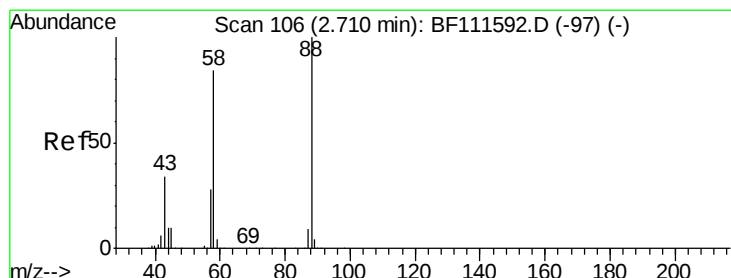
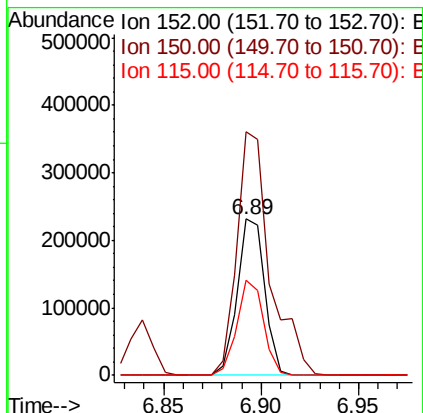
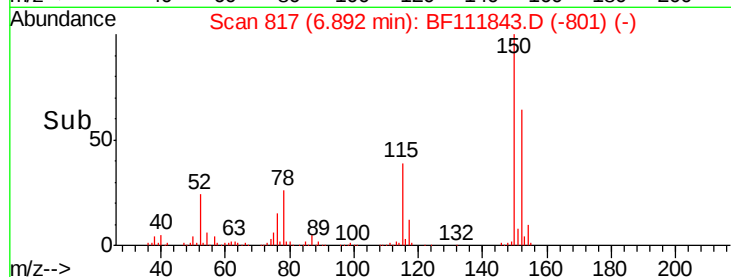


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

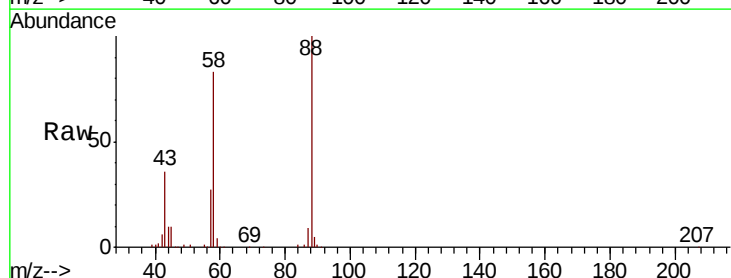
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.647 ng
RT: 2.81 min Scan# 123
Delta R.T. 0.10 min
Lab File: BF111843.D
Acq: 4 Jan 2019 14:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.7	68.9	103.3
43	34.4	25.8	38.6

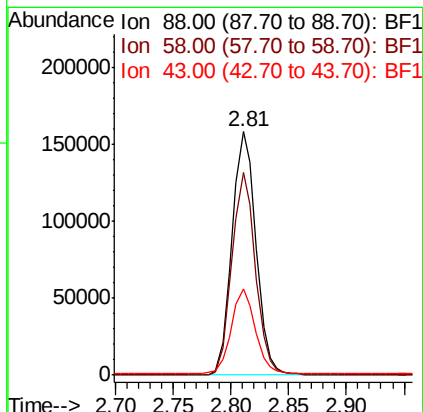
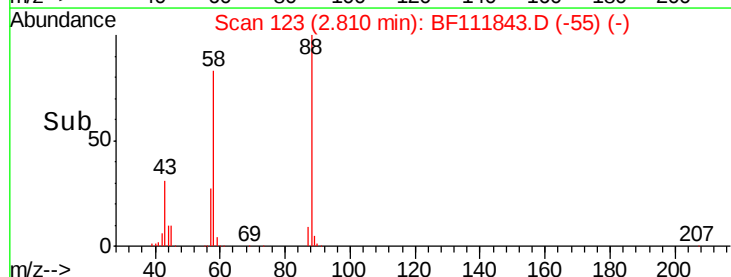


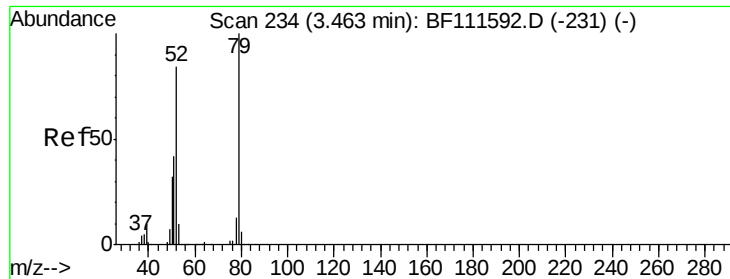
Abundance

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: 38.167 ng

RT: 3.55 min Scan# 249

Delta R.T. 0.09 min

Lab File: BF111843.D

Acq: 4 Jan 2019 14:34

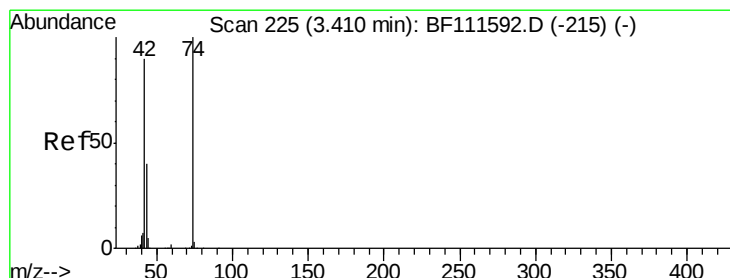
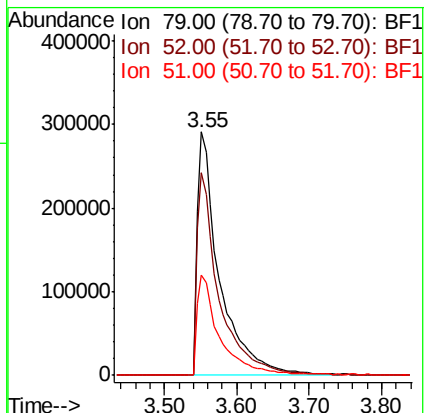
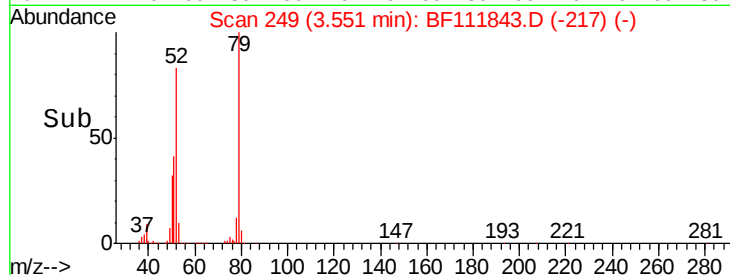
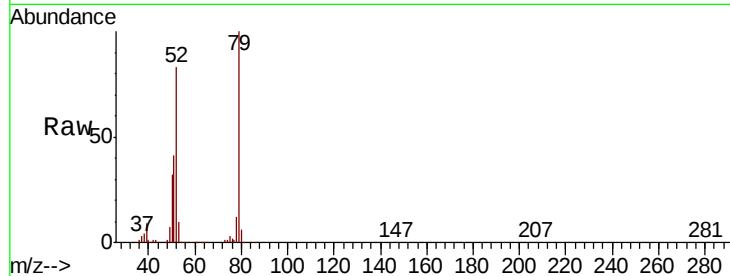
Tot Ion: 79 Resp: 622174

Ion Ratio Lower Upper

79 100

52 83.0 68.3 102.5

51 40.9 32.6 49.0



#4

n-Nitrosodimethylamine

Concen: 42.524 ng

RT: 3.50 min Scan# 241

Delta R.T. 0.09 min

Lab File: BF111843.D

Acq: 4 Jan 2019 14:34

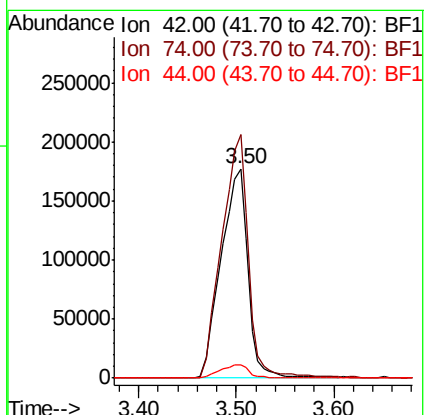
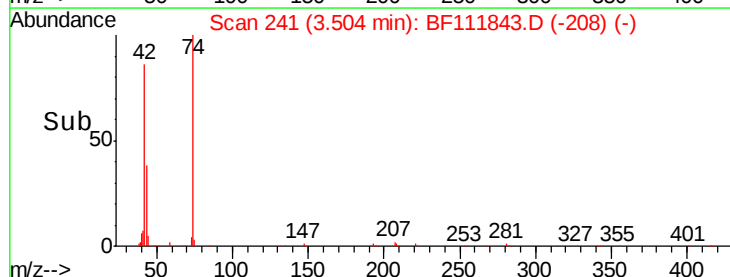
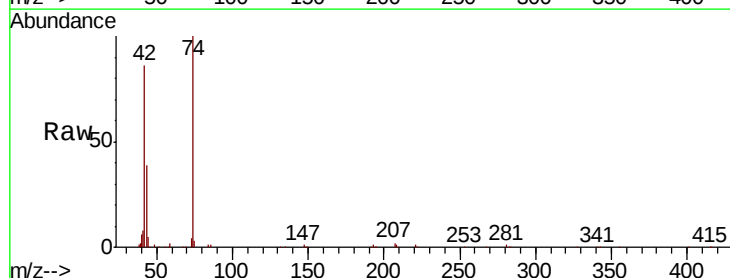
Tgt Ion: 42 Resp: 339248

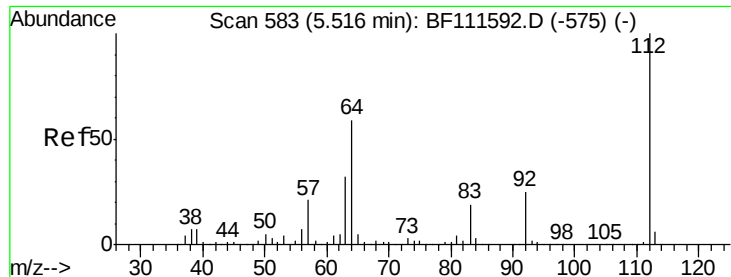
Ion Ratio Lower Upper

42 100

74 116.2 101.5 152.3

44 6.2 6.0 9.0





#5

2-Fluorophenol

Concen: 120.091 ng

RT: 5.55 min Scan# 588

Delta R.T. 0.03 min

Lab File: BF111843.D

Acq: 4 Jan 2019 14:34

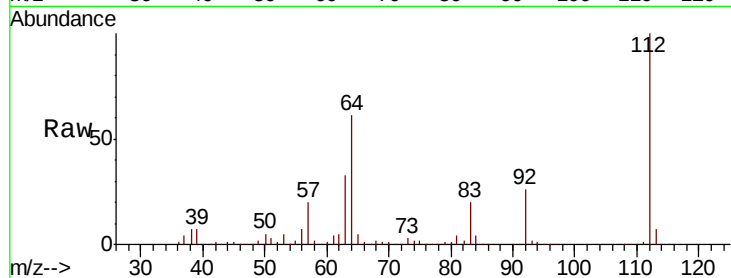
Tot Ion:112 Resp: 1597080

Ion Ratio Lower Upper

112 100

64 61.0 51.8 77.6

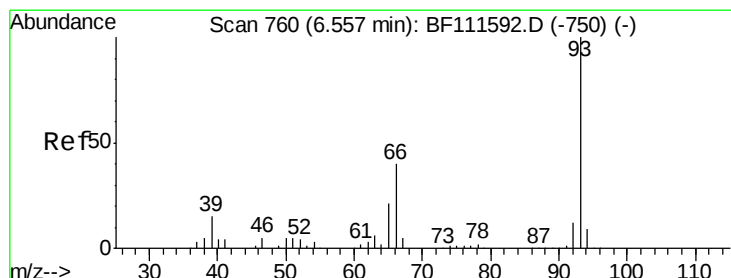
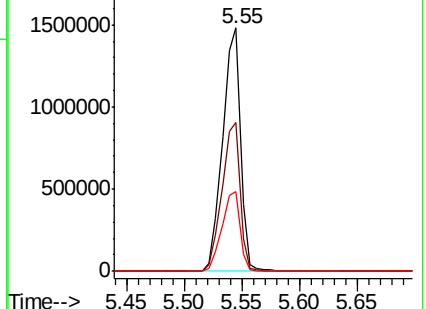
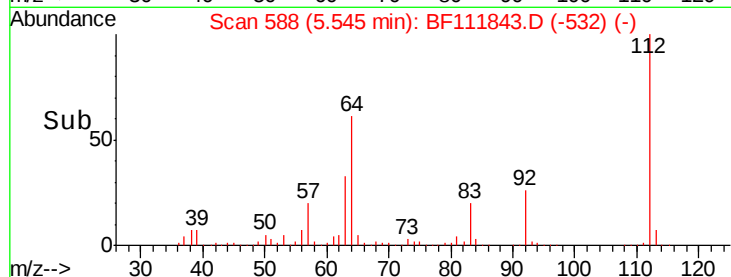
63 32.7 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): BF111843.D (-532) (-)

Ion 64.00 (63.70 to 64.70): BF111843.D (-532) (-)

Ion 63.00 (62.70 to 63.70): BF111843.D (-532) (-)



#6

Aniline

Concen: 29.326 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF111843.D

Acq: 4 Jan 2019 14:34

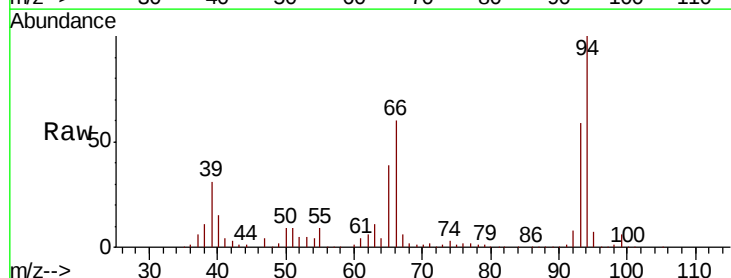
Tgt Ion: 93 Resp: 632667

Ion Ratio Lower Upper

93 100

66 102.3 33.2 49.8#

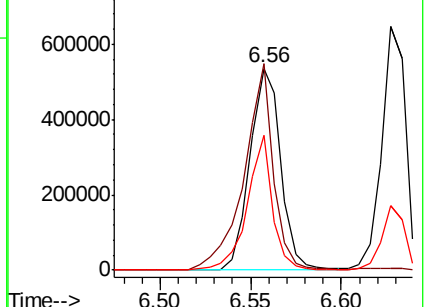
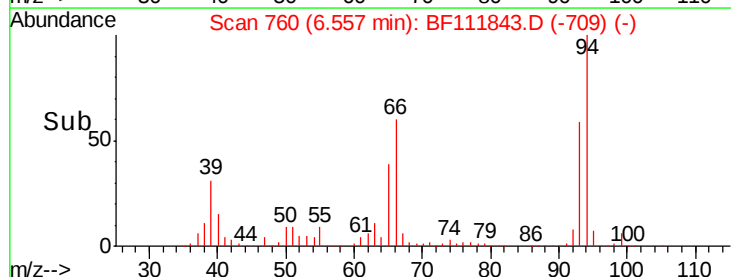
65 66.8 17.0 25.4#

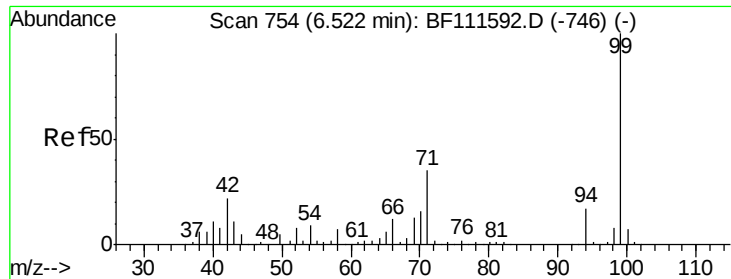


Abundance Ion 93.00 (92.70 to 93.70): BF111843.D (-709) (-)

Ion 66.00 (65.70 to 66.70): BF111843.D (-709) (-)

Ion 65.00 (64.70 to 65.70): BF111843.D (-709) (-)





#7

Phenol-d6

Concen: 119.974 ng

RT: 6.55 min Scan# 758

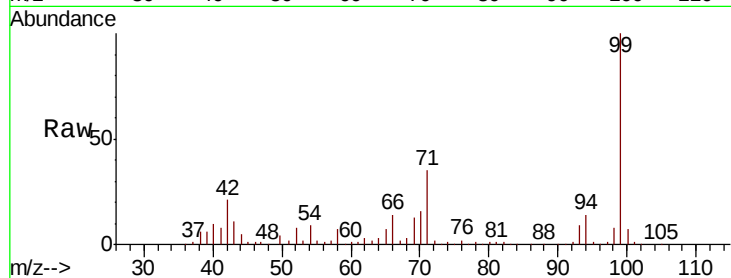
Delta R.T. 0.02 min

Lab File: BF111843.D

Acq: 4 Jan 2019 14:34

Tot Ion: 99 Resp: 2030536

Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.4	26.0
71	35.3	26.1	39.1

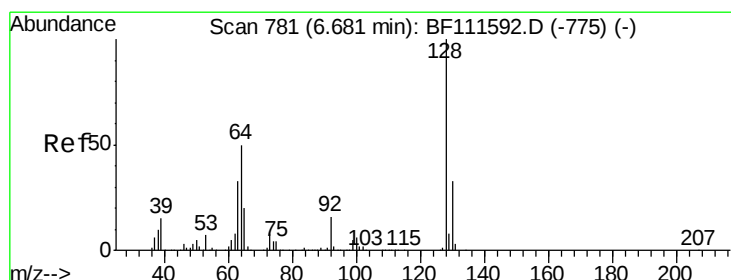
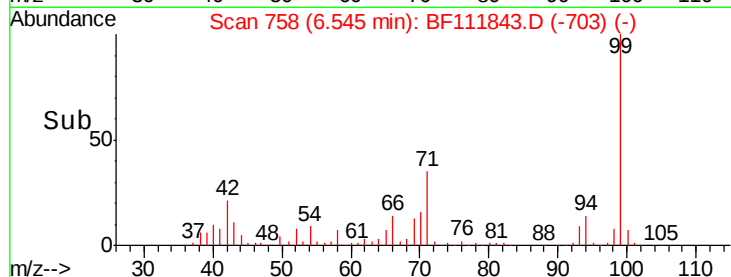
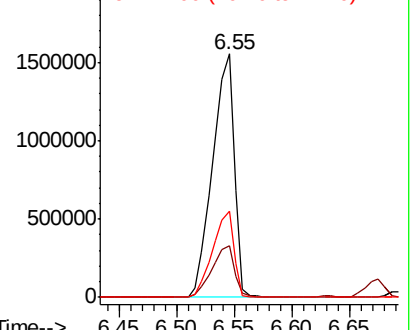


Abundance

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: 41.483 ng

RT: 6.69 min Scan# 783

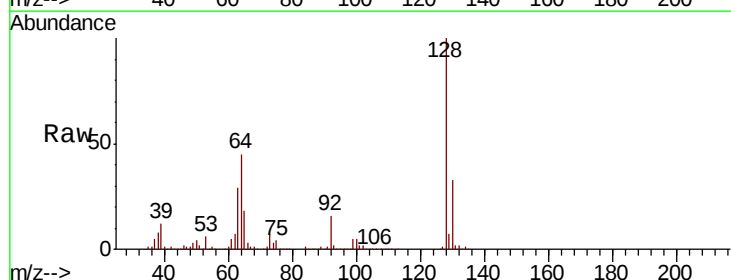
Delta R.T. 0.01 min

Lab File: BF111843.D

Acq: 4 Jan 2019 14:34

Tgt Ion: 128 Resp: 611123

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.7	52.7
64	44.6	30.0	70.0

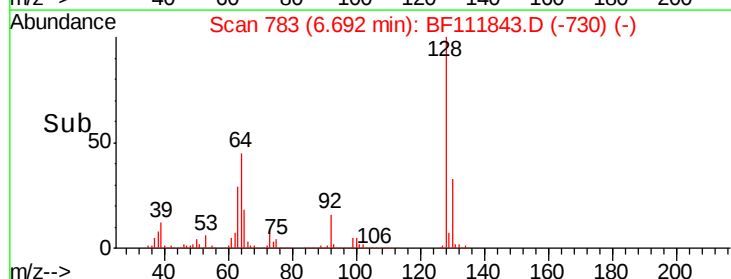
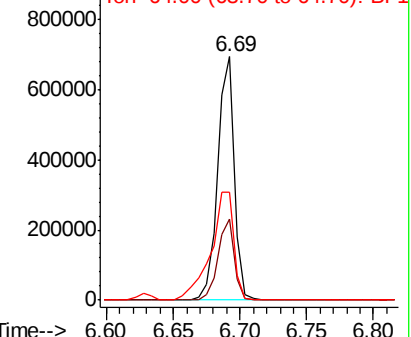


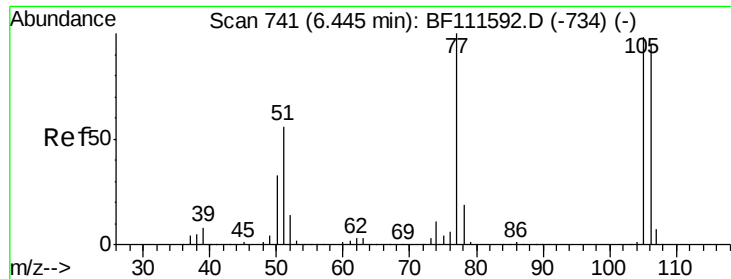
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

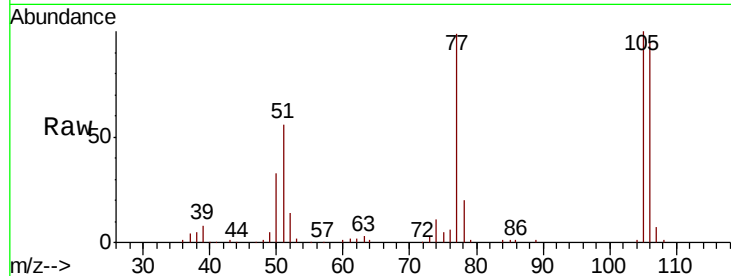
Ion 64.00 (63.70 to 64.70): BF1





#9
Benzaldehyde
Concen: 13.481 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF111843.D
Acq: 4 Jan 2019 14:34

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.7	81.4	121.4
106	96.1	77.9	117.9

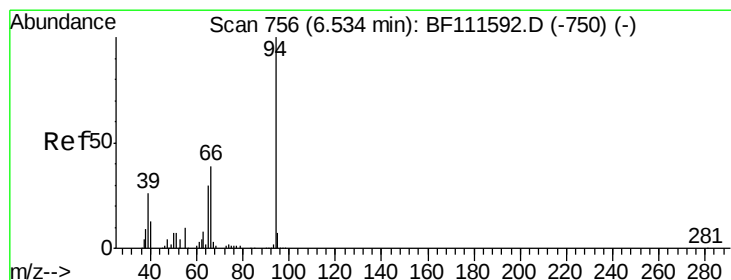
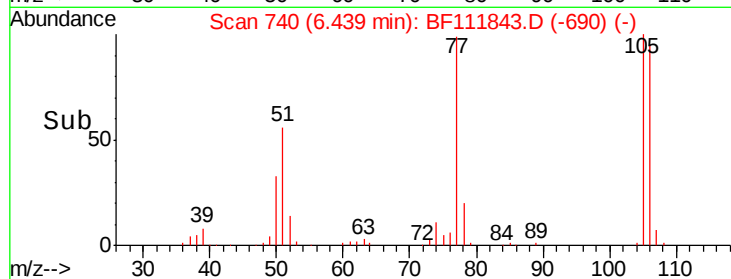
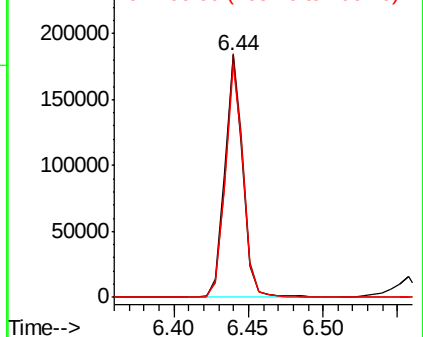


Abundance

Ion 77.00 (76.70 to 77.70): BF1

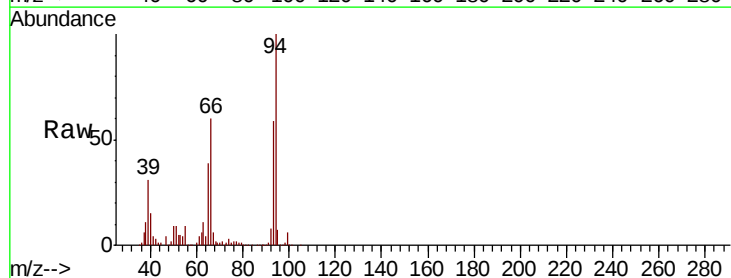
Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10
Phenol
Concen: 38.072 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.02 min
Lab File: BF111843.D
Acq: 4 Jan 2019 14:34

Tgt Ion	Ratio	Lower	Upper
94	100		
65	39.4	11.7	51.7
66	60.4	21.0	61.0

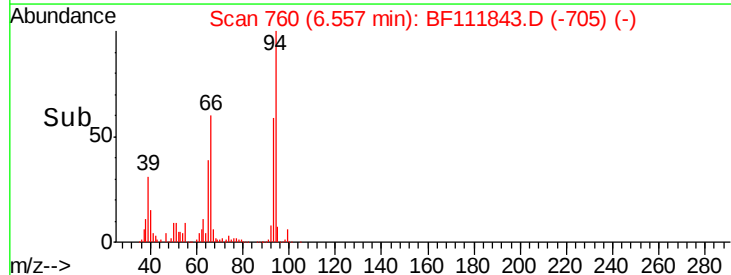
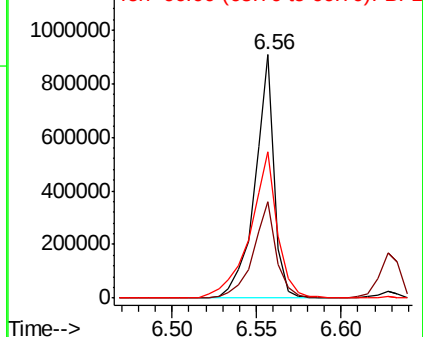


Abundance

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

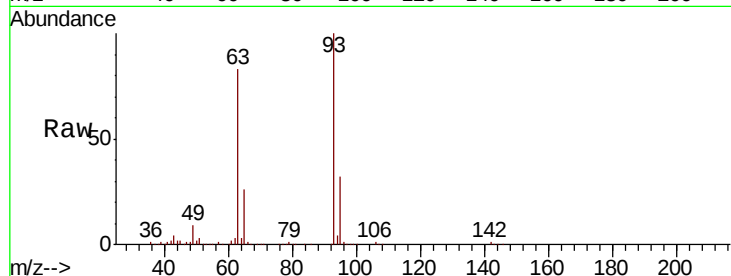




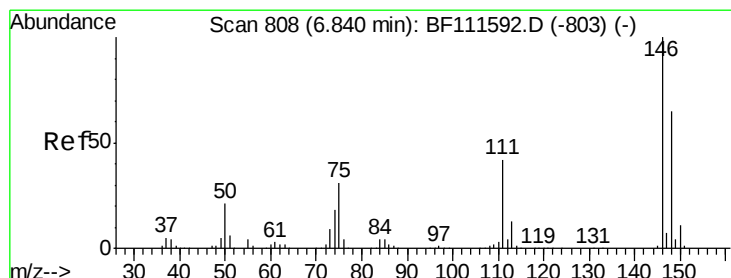
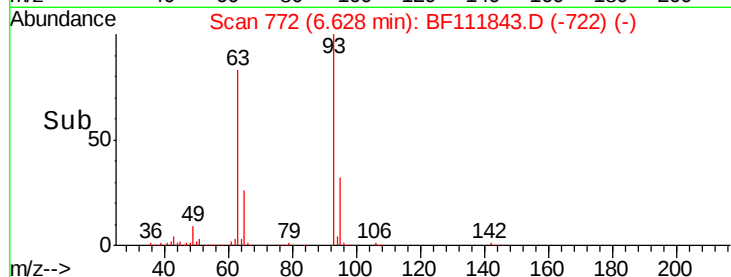
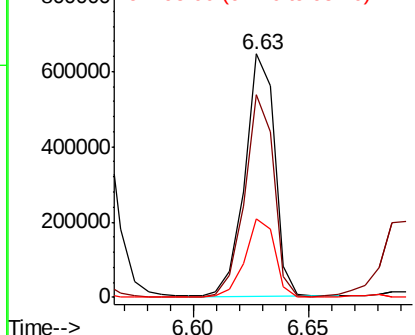
#11

bis(2-Chloroethyl)ether
Concen: 40.693 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF111843.D
Acq: 4 Jan 2019 14:34

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.3	60.0	100.0
95	32.0	13.4	53.4



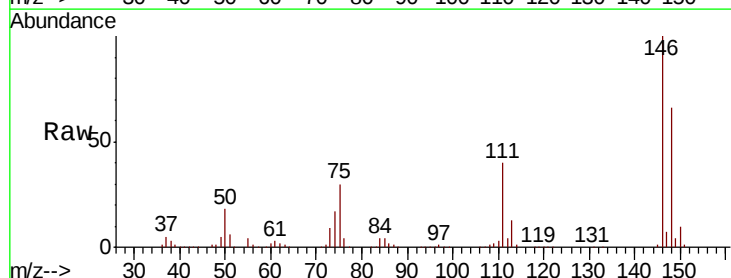
Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



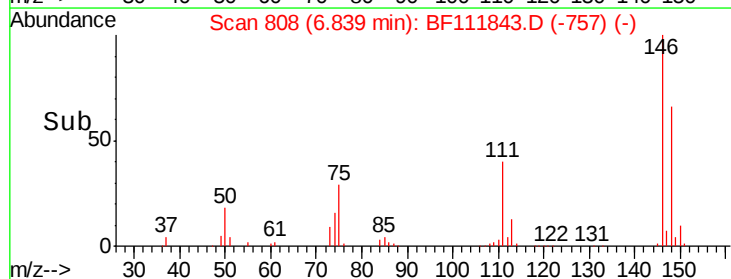
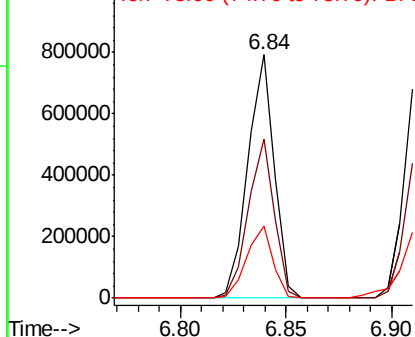
#12

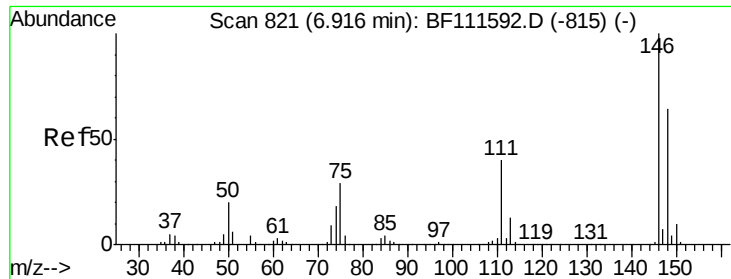
1,3-Dichlorobenzene
Concen: 40.264 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF111843.D
Acq: 4 Jan 2019 14:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.1	78.1
75	29.5	23.9	35.9



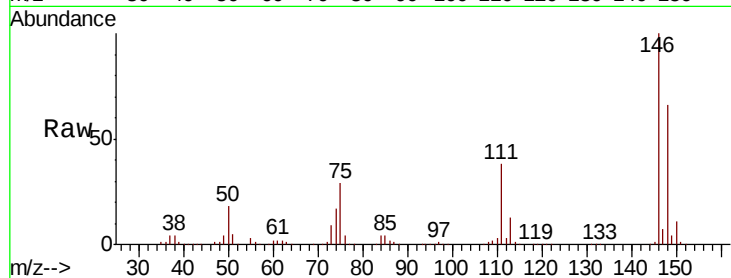
Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13
1,4-Dichlorobenzene
Concen: 39.885 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF111843.D
Acq: 4 Jan 2019 14:34

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	52.8	79.2
111	38.3	33.4	50.0

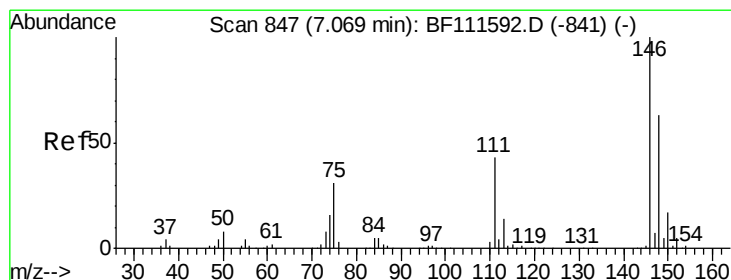
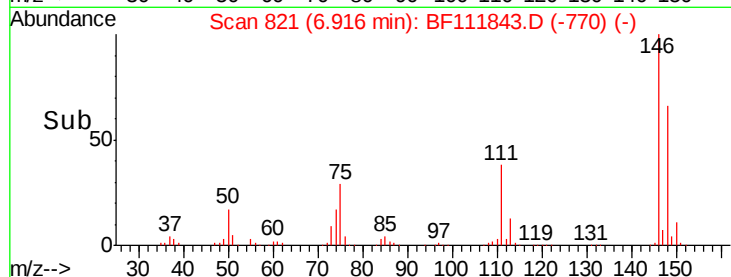
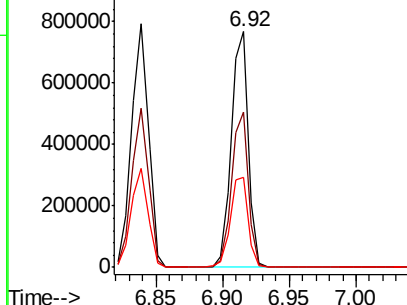


Abundance

Ion 146.00 (145.70 to 146.70): E

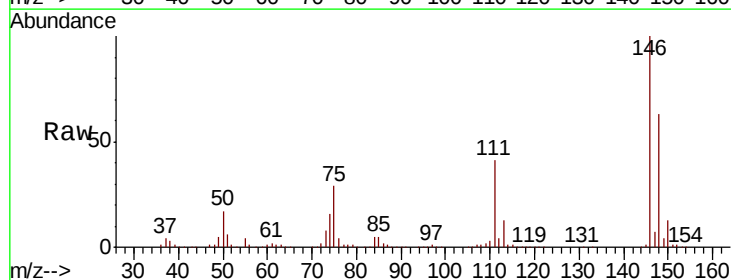
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 40.545 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF111843.D
Acq: 4 Jan 2019 14:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.9	77.9
111	41.4	36.2	54.4

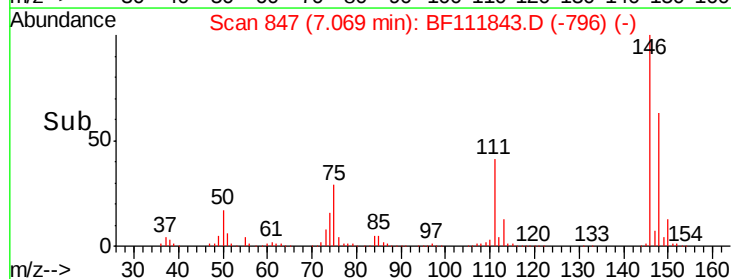
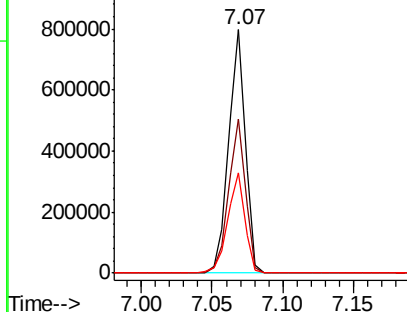


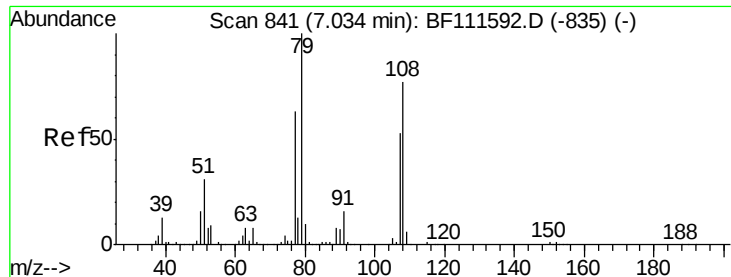
Abundance

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: 40.682 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF111843.D

Acq: 4 Jan 2019 14:34

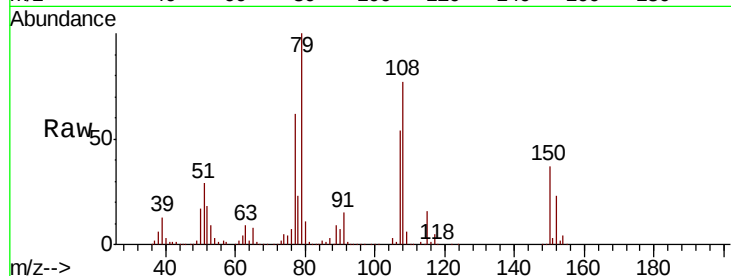
Tot Ion: 79 Resp: 546834

Ion Ratio Lower Upper

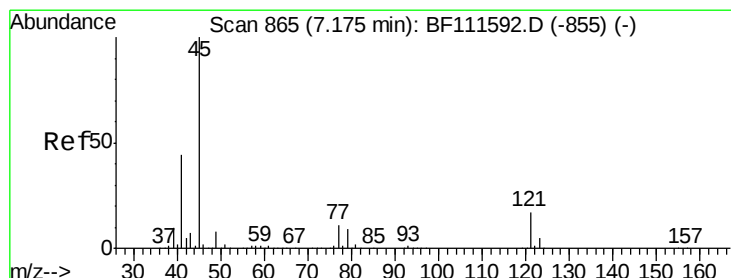
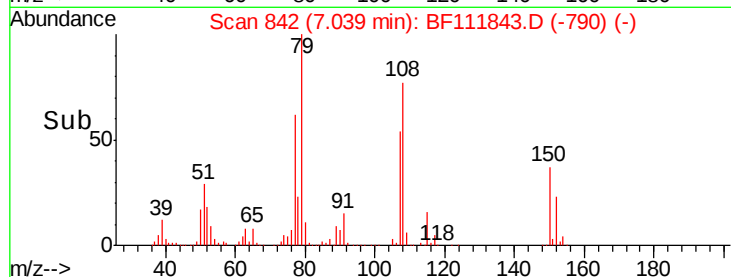
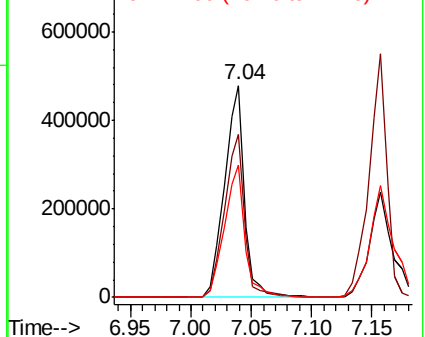
79 100

108 77.0 69.4 104.2

77 62.2 49.7 74.5



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: 37.040 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF111843.D

Acq: 4 Jan 2019 14:34

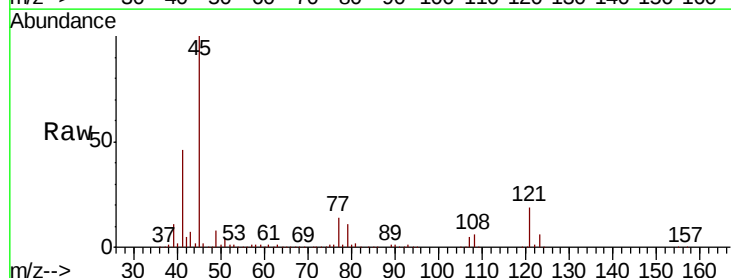
Tgt Ion: 45 Resp: 976187

Ion Ratio Lower Upper

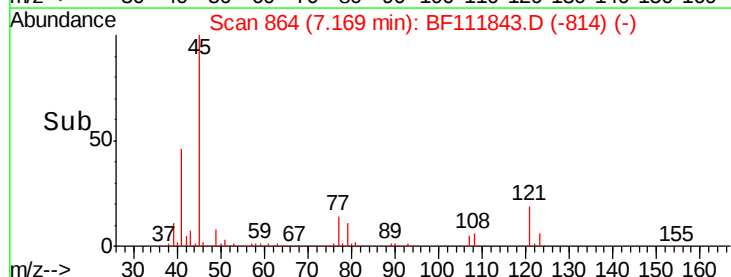
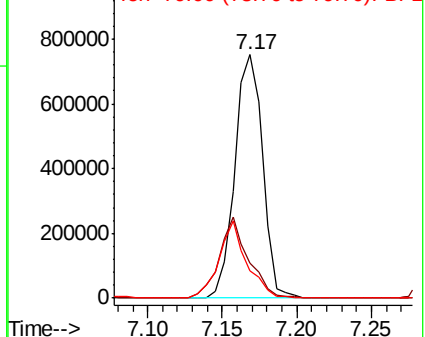
45 100

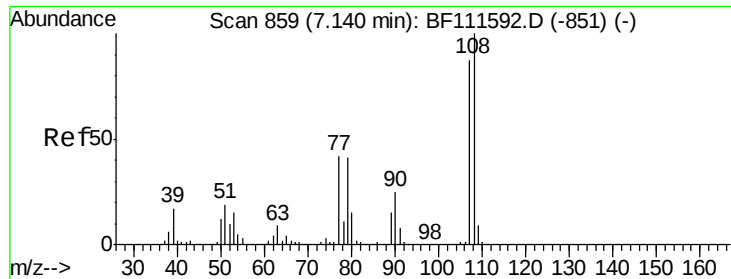
77 14.2 0.0 31.5

79 11.4 0.0 28.9



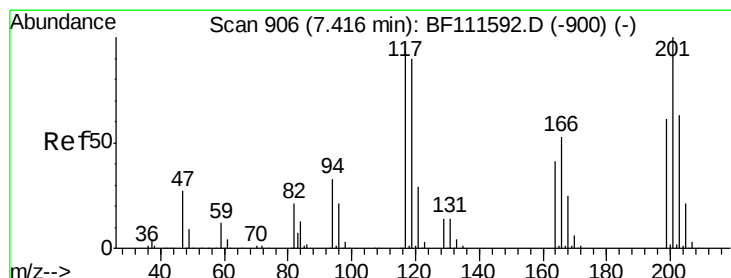
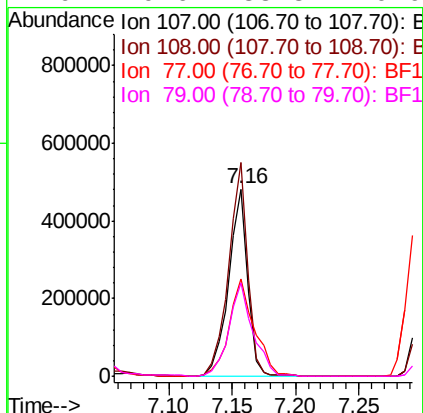
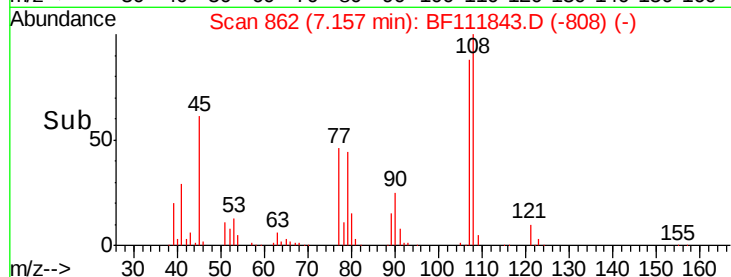
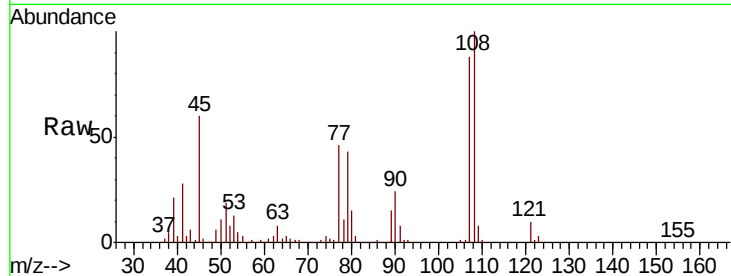
Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





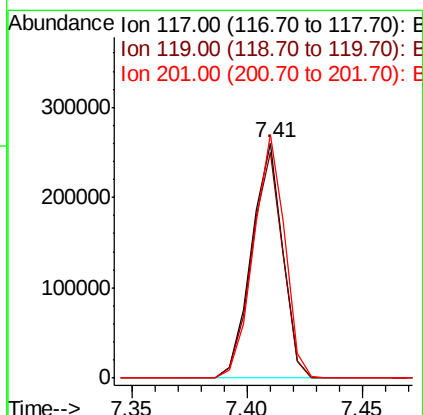
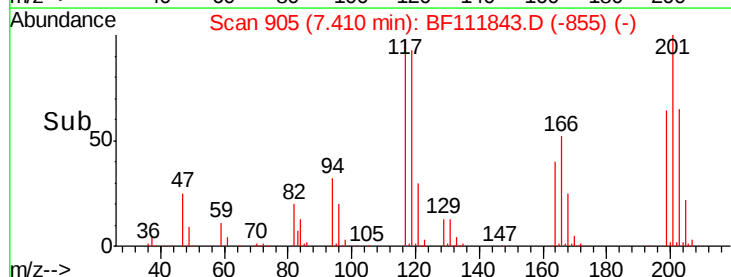
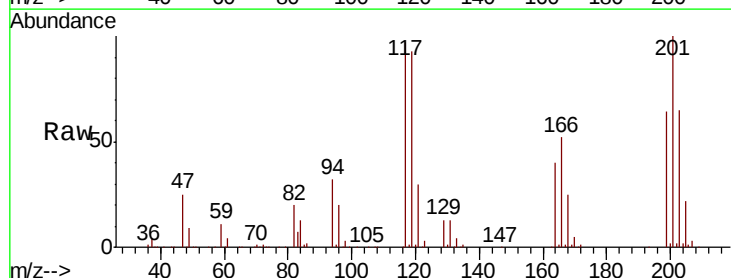
#17
2-Methylphenol
Concen: 42.199 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.02 min
Lab File: BF111843.D
Acq: 4 Jan 2019 14:34

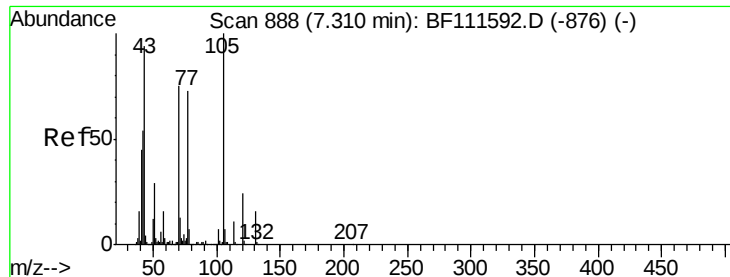
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.1	91.0	136.4
77	52.3	33.5	50.3
79	49.6	33.3	49.9



#18
Hexachloroethane
Concen: 41.864 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF111843.D
Acq: 4 Jan 2019 14:34

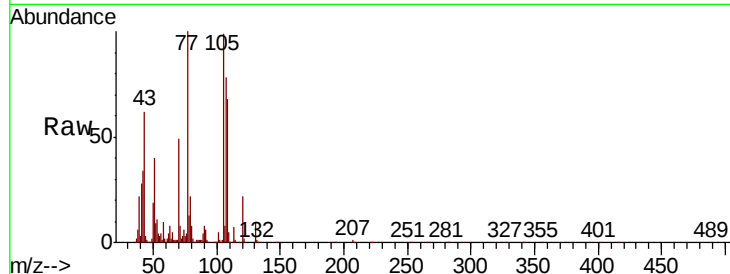
Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.4	113.0
201	103.5	62.4	93.6





#19
n-Nitroso-di-n-propylamine
Concen: 38.104 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF111843.D
Acq: 4 Jan 2019 14:34

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.8	53.2	79.8
101	9.5	8.2	12.4
130	20.7	18.1	27.1



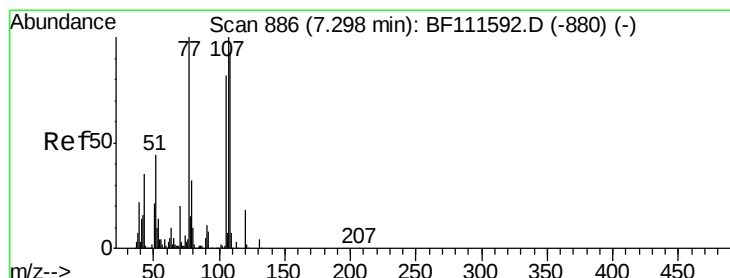
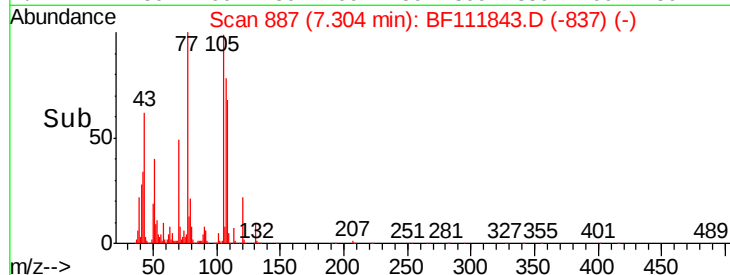
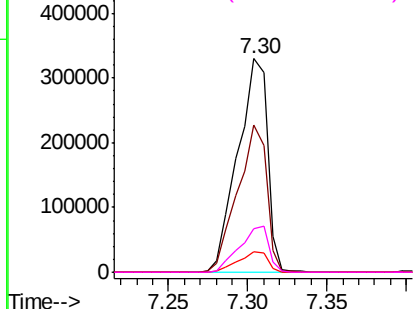
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

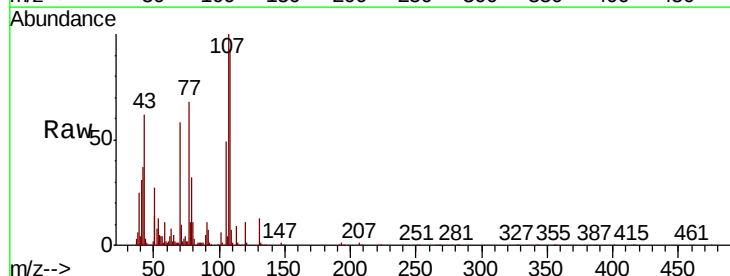
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 40.778 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF111843.D
Acq: 4 Jan 2019 14:34

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.4	72.1	112.1
77	68.3	94.1	134.1#
79	32.1	9.8	49.8



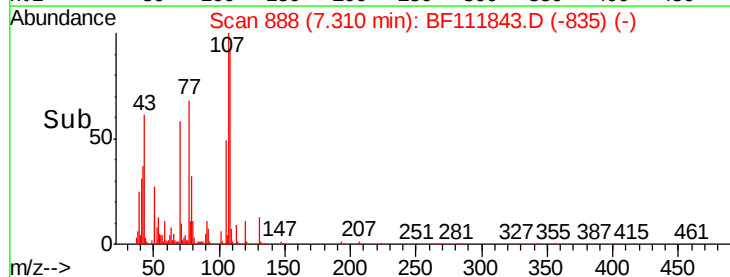
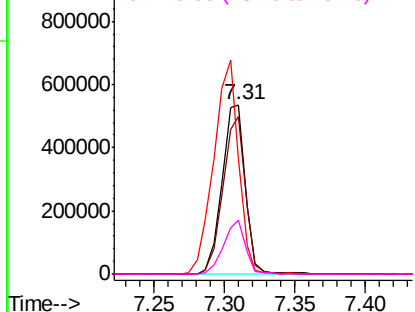
Abundance

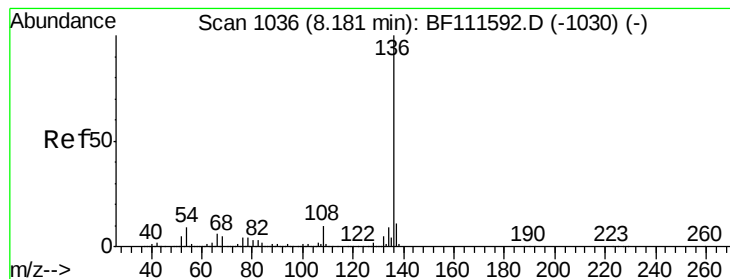
Ion 107.00 (106.70 to 107.70): E

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF111843.D

Acq: 4 Jan 2019 14:34

Tot Ion:136 Resp: 847471

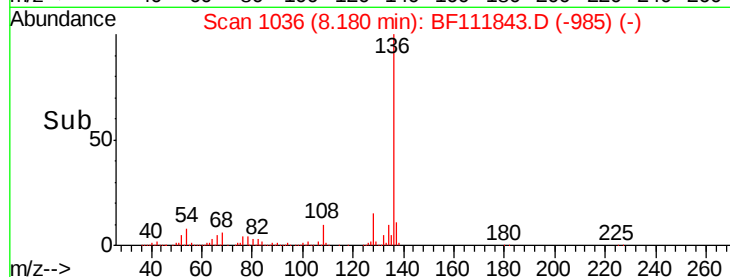
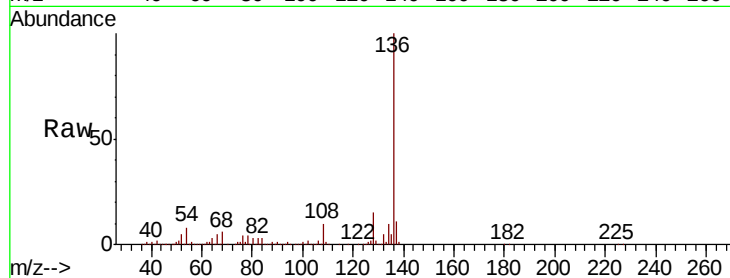
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 8.4 7.7 11.5

68 5.5 4.9 7.3

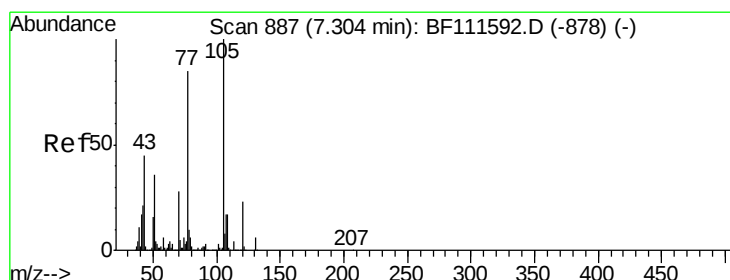
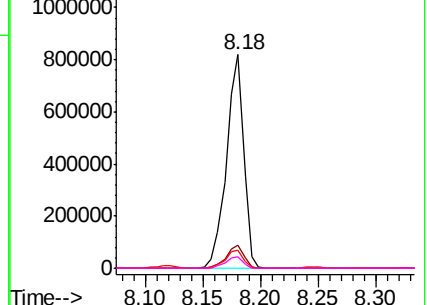


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.857 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BF111843.D

Acq: 4 Jan 2019 14:34

Tgt Ion:105 Resp: 812770

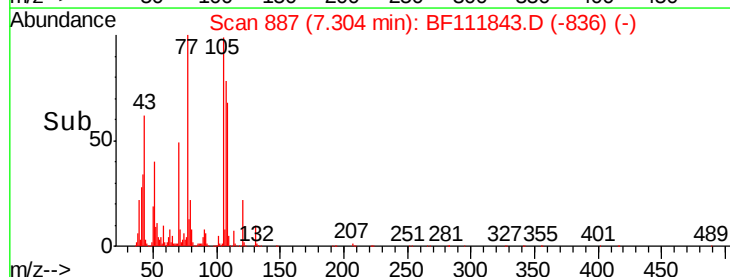
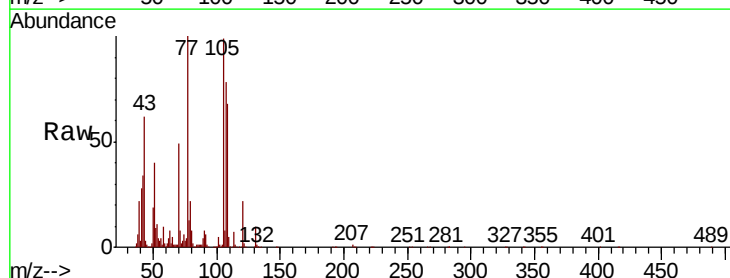
Ion Ratio Lower Upper

105 100

71 8.5 3.1 4.7#

51 40.5 36.6 54.8

120 22.7 18.2 27.4

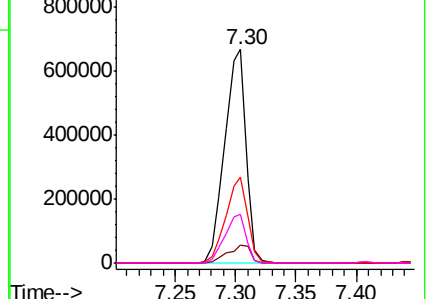


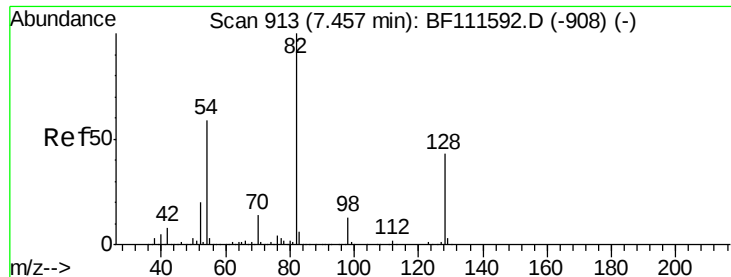
Abundance Ion 105.00 (104.70 to 105.70): E

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

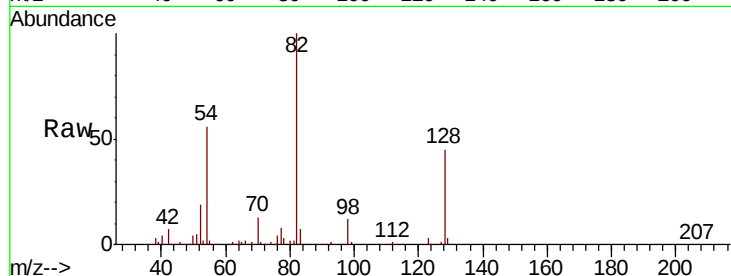




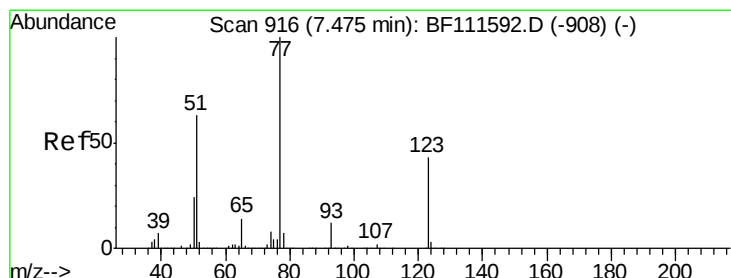
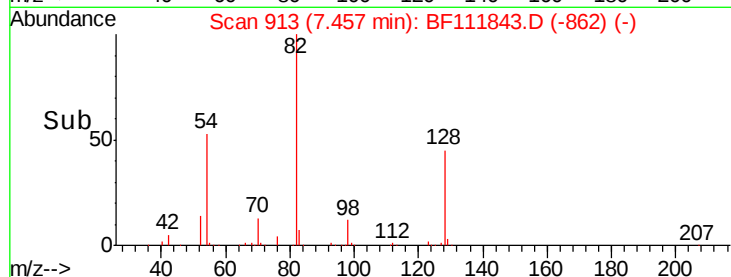
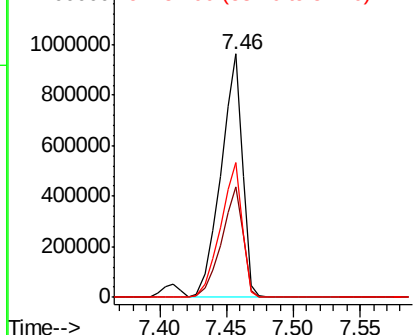
#23
Nitrobenzene-d5
Concen: 75.138 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111843.D
Acq: 4 Jan 2019 14:34

Tot Ion: 82 Resp: 1093959

Ion	Ratio	Lower	Upper
82	100		
128	45.2	37.4	56.2
54	55.6	47.6	71.4



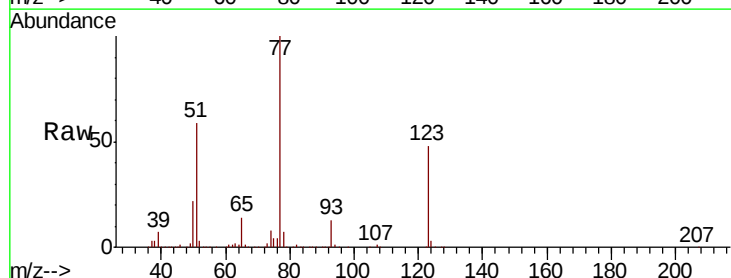
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



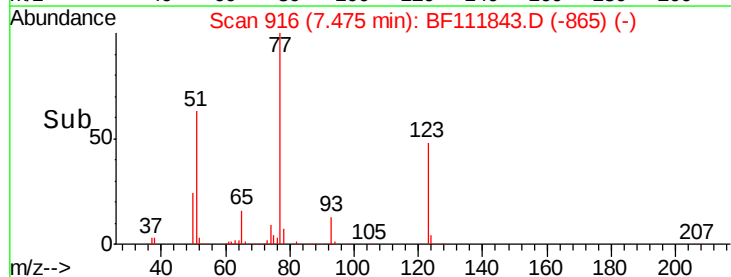
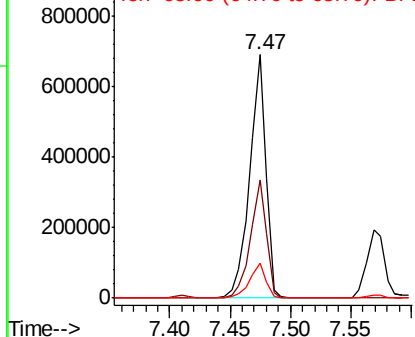
#24
Nitrobenzene
Concen: 42.624 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.00 min
Lab File: BF111843.D
Acq: 4 Jan 2019 14:34

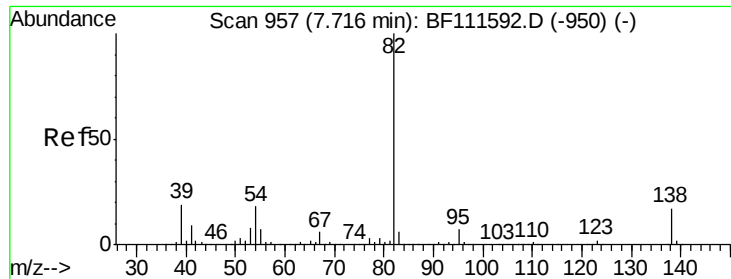
Tgt Ion: 77 Resp: 650418

Ion	Ratio	Lower	Upper
77	100		
123	48.3	37.2	55.8
65	14.2	11.5	17.3



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





#25

Isophorone

Concen: 45.286 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF111843.D

Acq: 4 Jan 2019 14:34

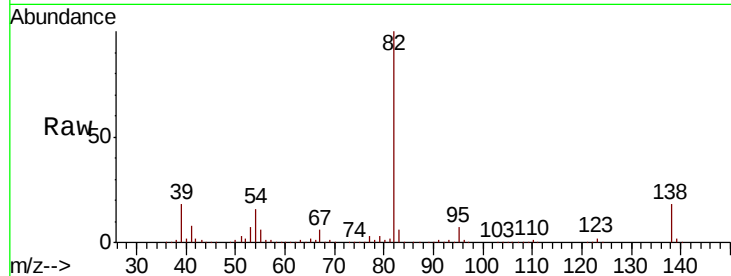
Tot Ion: 82 Resp: 1170512

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

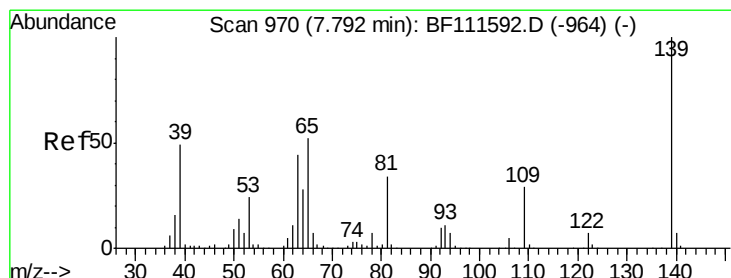
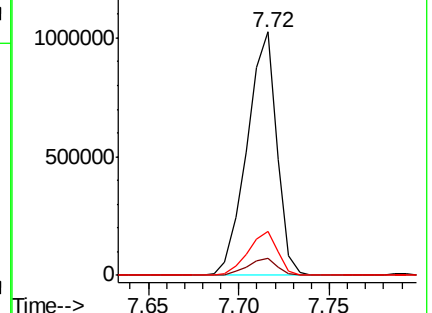
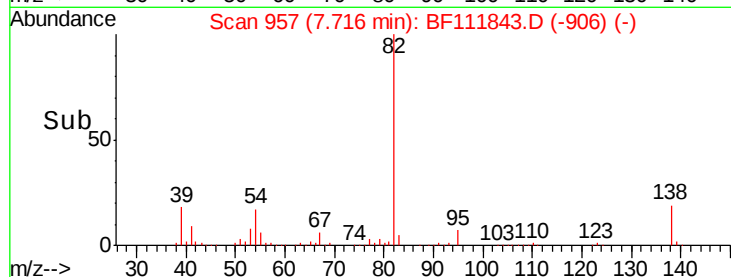
138 18.1 15.1 22.7



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 54.482 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF111843.D

Acq: 4 Jan 2019 14:34

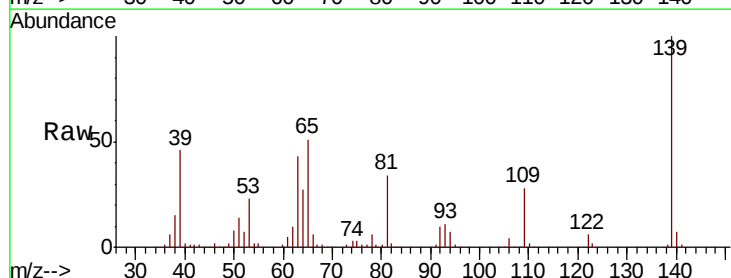
Tgt Ion: 139 Resp: 337177

Ion Ratio Lower Upper

139 100

109 27.8 20.2 30.4

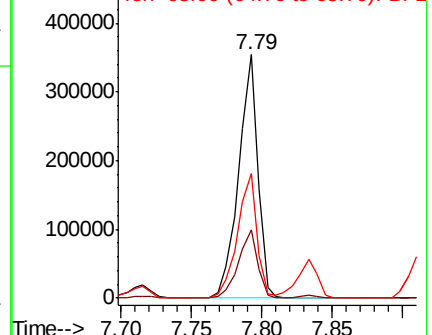
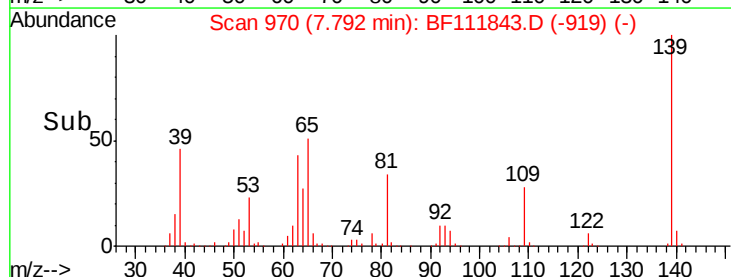
65 51.0 40.7 61.1

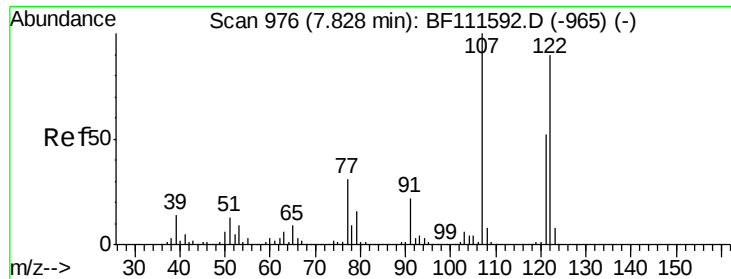


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

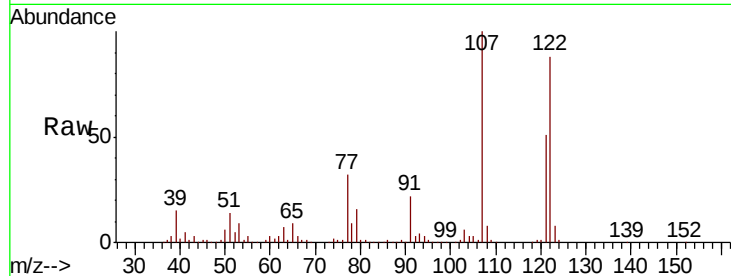
Ion 65.00 (64.70 to 65.70): BF1



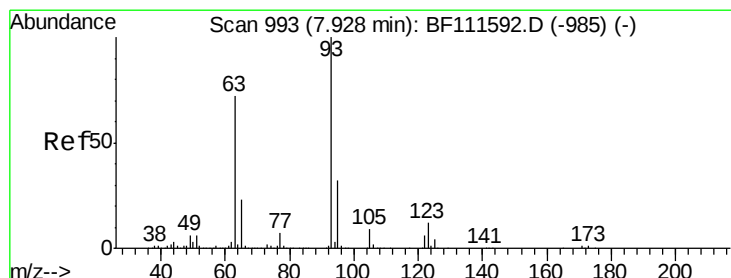
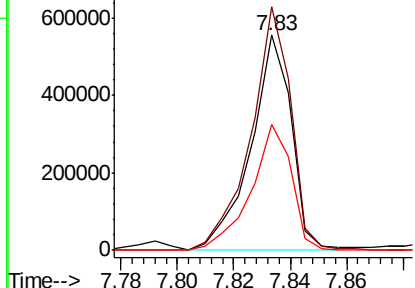
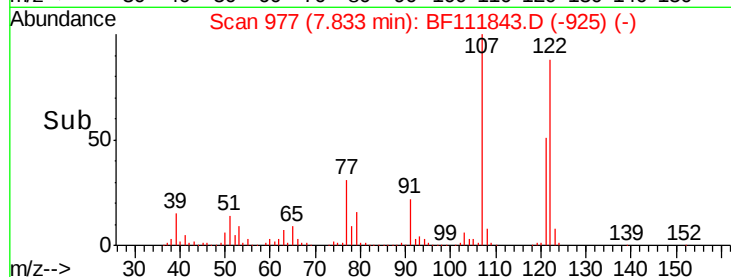


#27
 2,4-Dimethylphenol
 Concen: 45.394 ng
 RT: 7.83 min Scan# 977
 Delta R.T. 0.01 min
 Lab File: BF111843.D
 Acq: 4 Jan 2019 14:34

Tot Ion:122 Resp: 553794
 Ion Ratio Lower Upper
 122 100
 107 113.1 85.5 128.3
 121 58.2 46.6 70.0

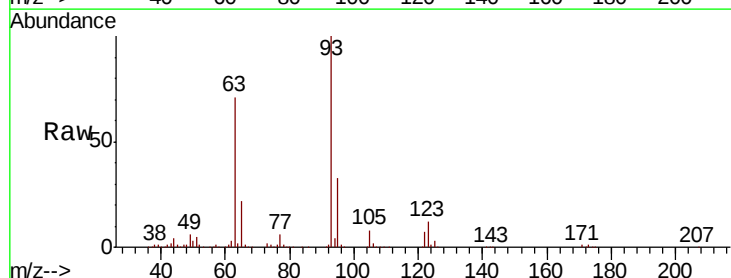


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

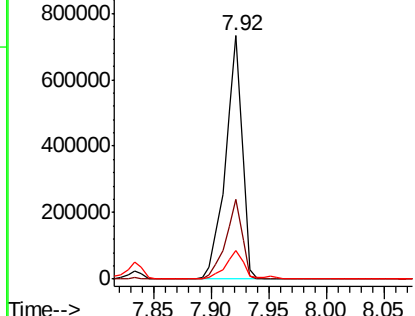
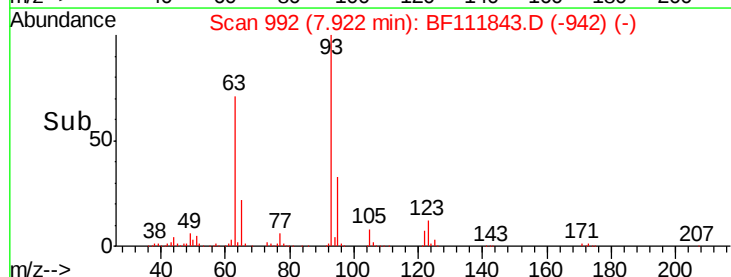


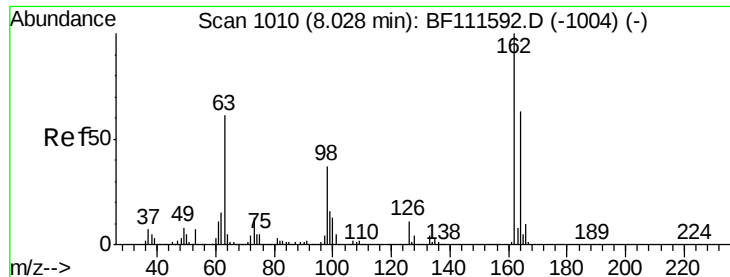
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.505 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF111843.D
 Acq: 4 Jan 2019 14:34

Tgt Ion: 93 Resp: 731074
 Ion Ratio Lower Upper
 93 100
 95 32.7 27.1 40.7
 123 11.8 9.9 14.9



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: 42.177 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.01 min

Lab File: BF111843.D

Acq: 4 Jan 2019 14:34

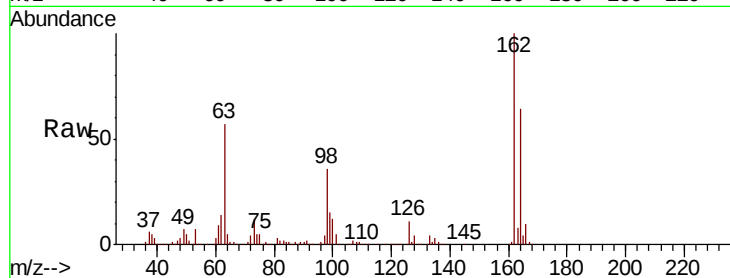
Tot Ion:162 Resp: 553453

Ion Ratio Lower Upper

162 100

164 63.7 44.4 84.4

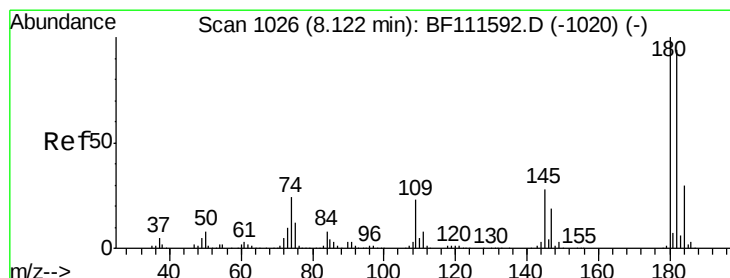
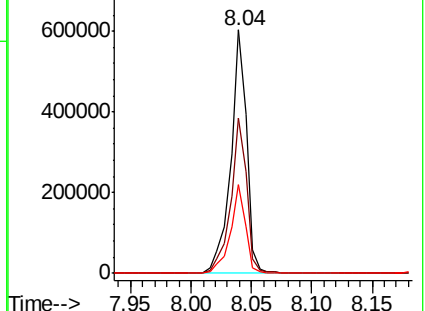
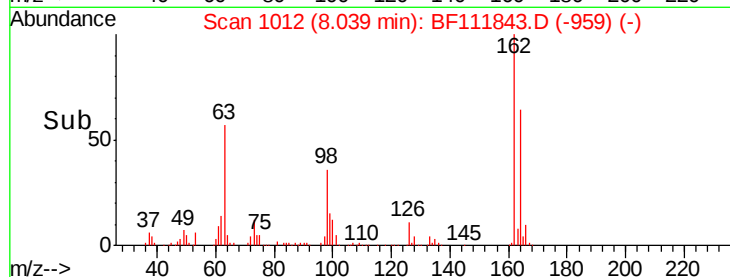
98 36.2 20.3 60.3



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: 40.406 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF111843.D

Acq: 4 Jan 2019 14:34

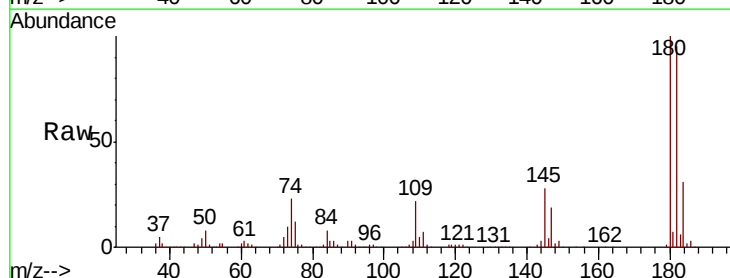
Tgt Ion:180 Resp: 590835

Ion Ratio Lower Upper

180 100

182 94.8 75.6 113.4

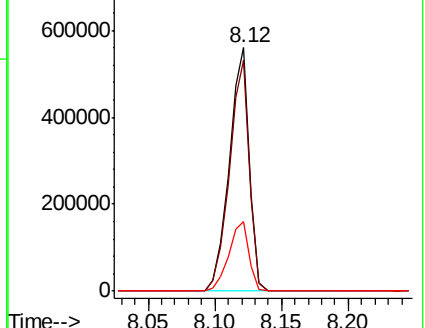
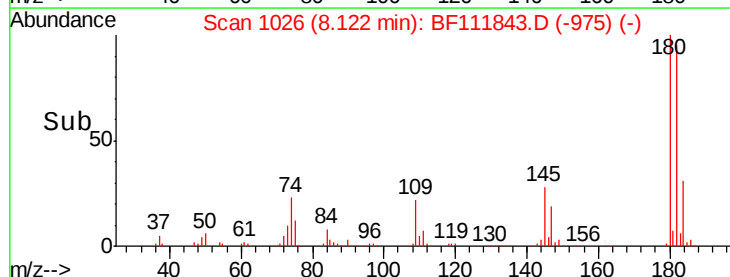
145 28.4 26.7 40.1

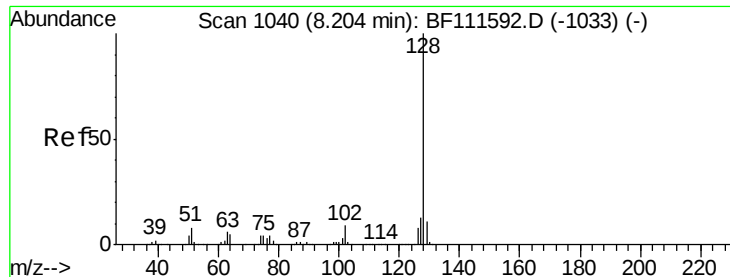


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

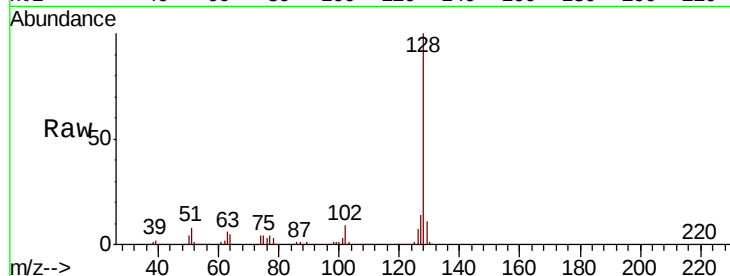




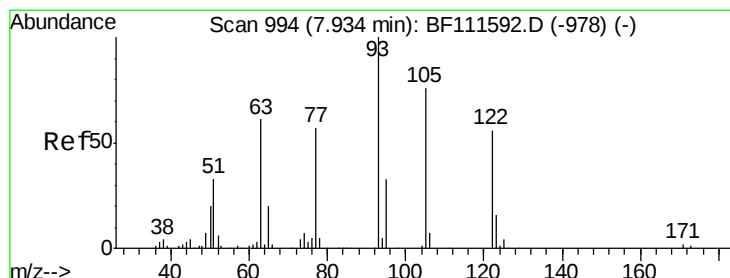
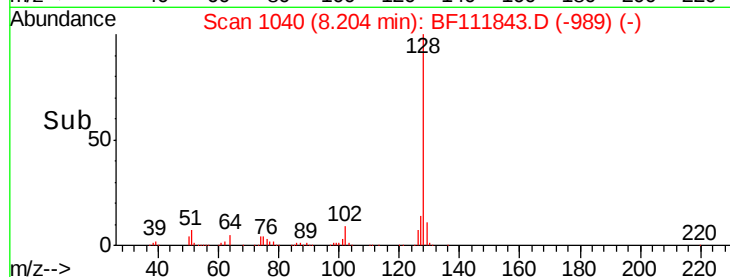
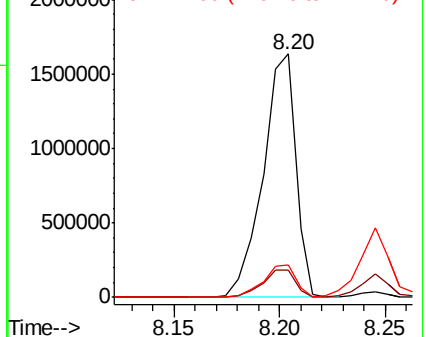
#31
Naphthalene
Concen: 43.525 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF111843.D
Acq: 4 Jan 2019 14:34

Tot Ion:128 Resp: 1772321

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.8	14.8
127	13.5	12.0	18.0



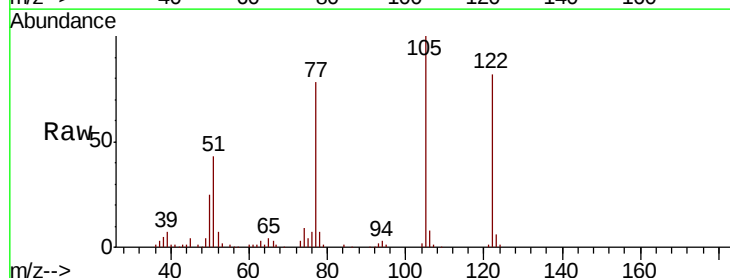
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



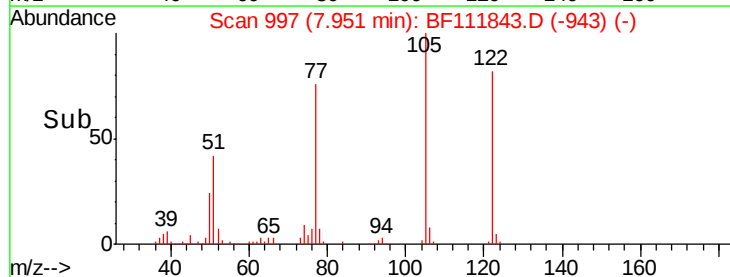
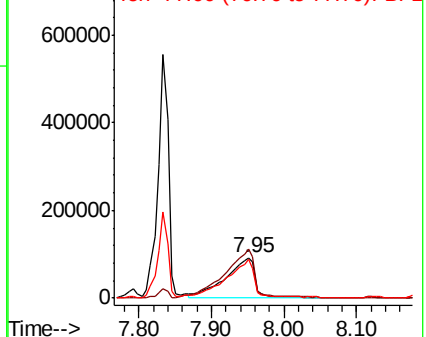
#32
Benzoic acid
Concen: 32.401 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.02 min
Lab File: BF111843.D
Acq: 4 Jan 2019 14:34

Tgt Ion:122 Resp: 261353

Ion	Ratio	Lower	Upper
122	100		
105	121.9	97.0	137.0
77	95.5	65.7	105.7



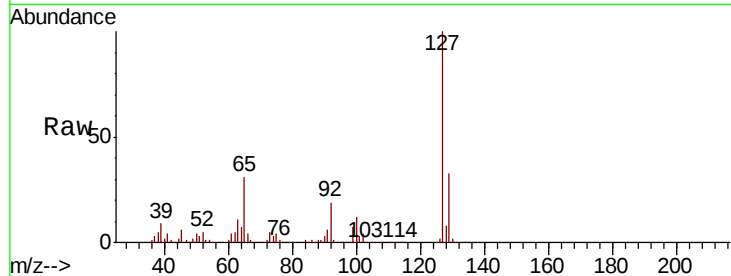
Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1



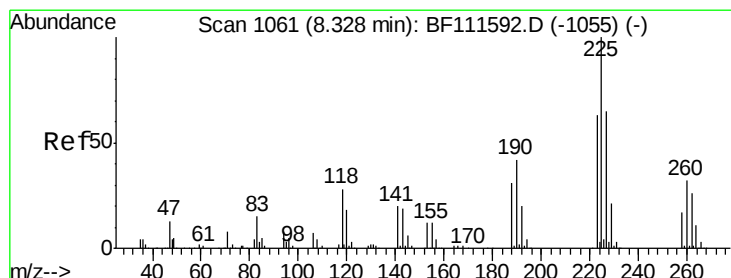
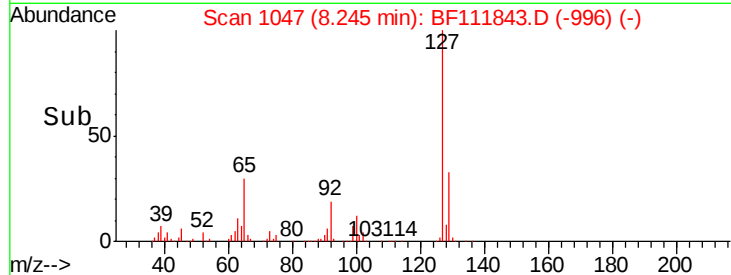
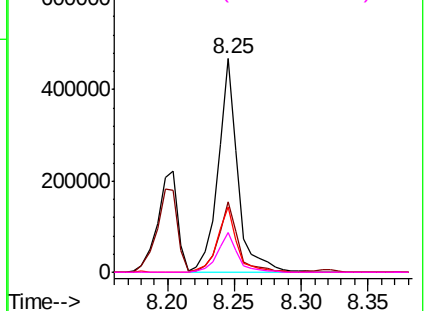


#33
4-Chloroaniline
Concen: 27.465 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF111843.D
Acq: 4 Jan 2019 14:34

Tot Ion:	127	Resp:	483376
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.6	39.8
65	30.8	25.7	38.5
92	18.7	15.4	23.2

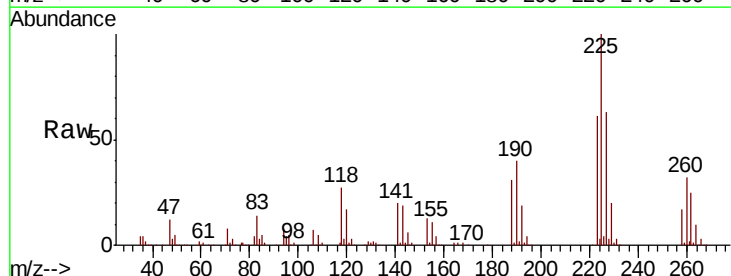


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

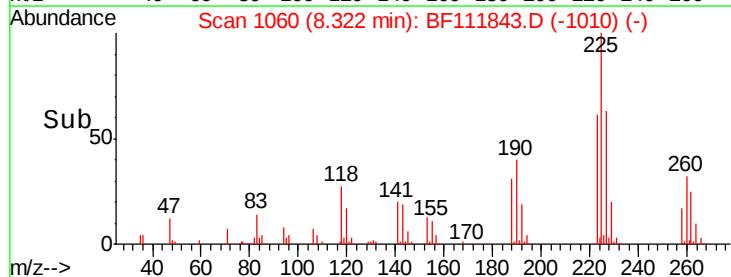
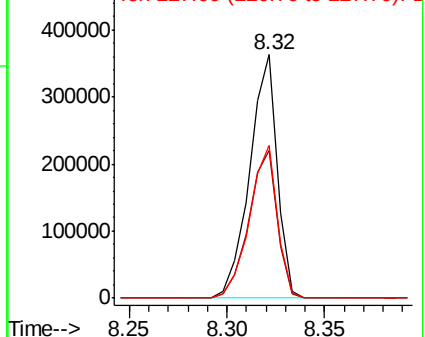


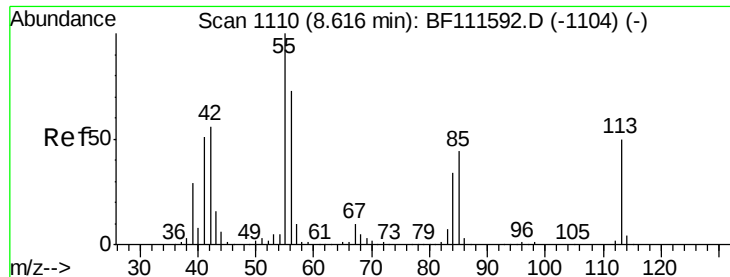
#34
Hexachlorobutadiene
Concen: 39.785 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF111843.D
Acq: 4 Jan 2019 14:34

Tgt Ion:	225	Resp:	354561
Ion	Ratio	Lower	Upper
225	100		
223	60.7	50.7	76.1
227	62.8	52.6	78.8



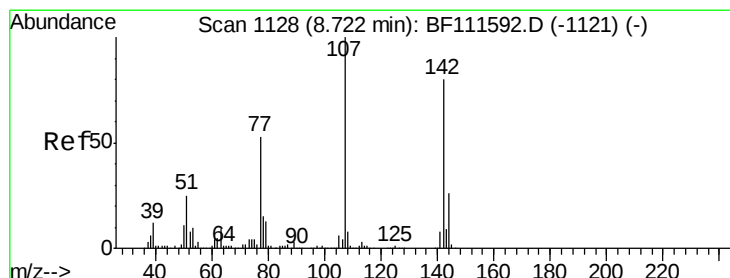
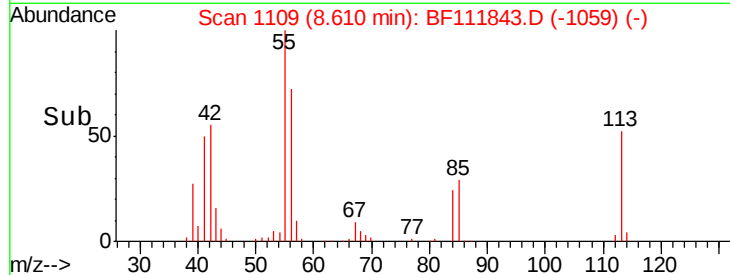
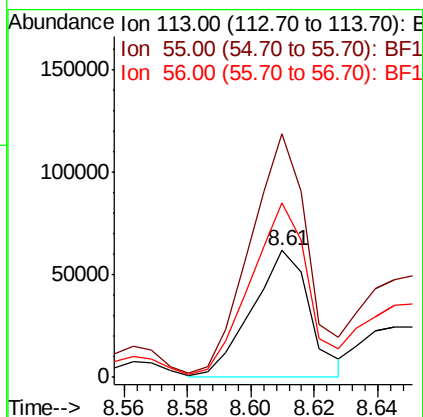
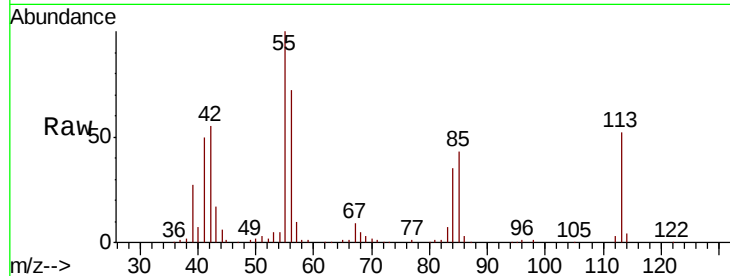
Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





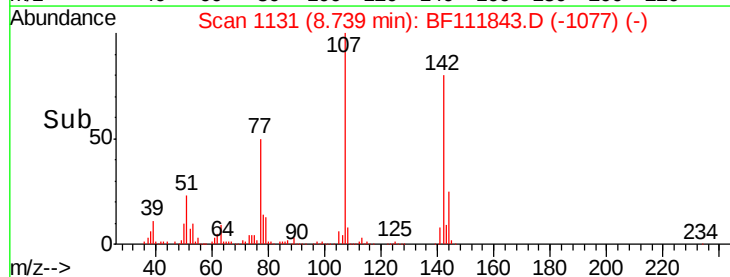
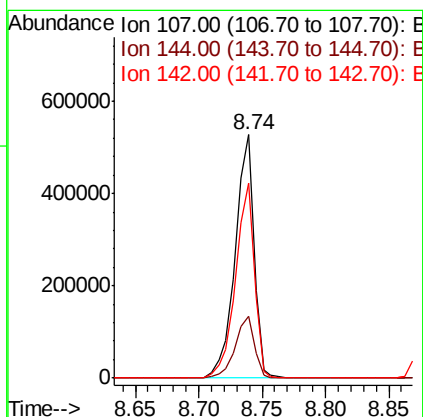
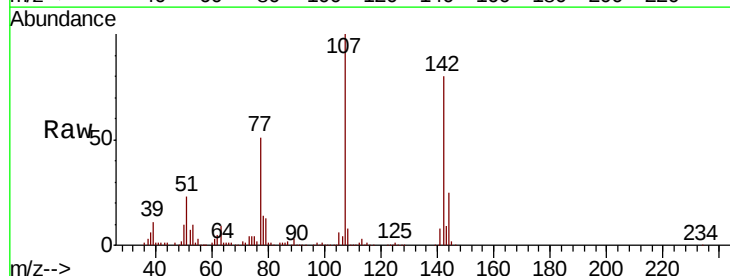
#35
 Caprolactam
 Concen: 17.449 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF111843.D
 Acq: 4 Jan 2019 14:34

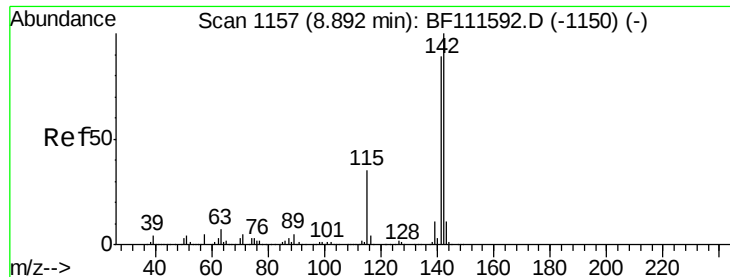
Tot Ion:113 Resp: 77586
 Ion Ratio Lower Upper
 113 100
 55 191.9 184.1 224.1
 56 137.3 126.0 166.0



#36
 4-Chloro-3-methylphenol
 Concen: 42.027 ng
 RT: 8.74 min Scan# 1131
 Delta R.T. 0.02 min
 Lab File: BF111843.D
 Acq: 4 Jan 2019 14:34

Tgt Ion:107 Resp: 542098
 Ion Ratio Lower Upper
 107 100
 144 25.5 19.8 29.6
 142 80.2 62.3 93.5

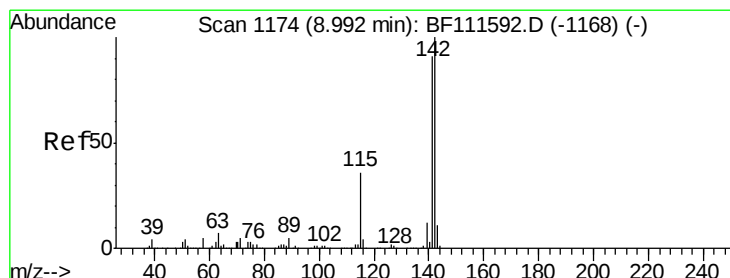
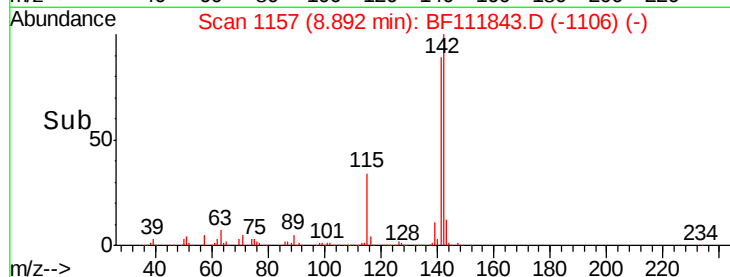
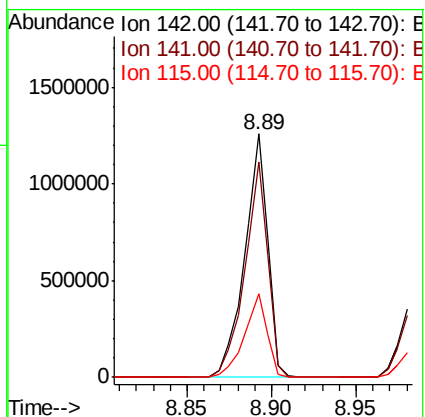
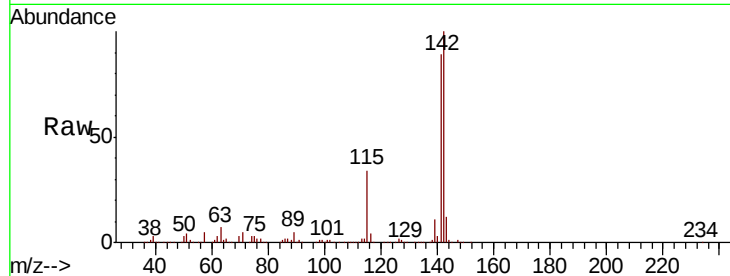




#37
2-Methylnaphthalene
Concen: 45.539 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF111843.D
Acq: 4 Jan 2019 14:34

Tot Ion:142 Resp: 1206442

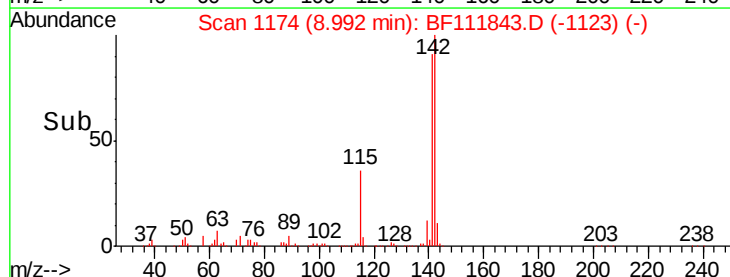
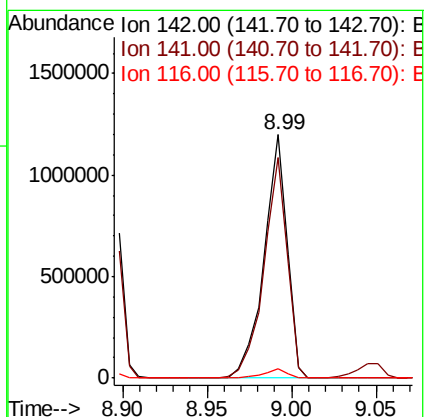
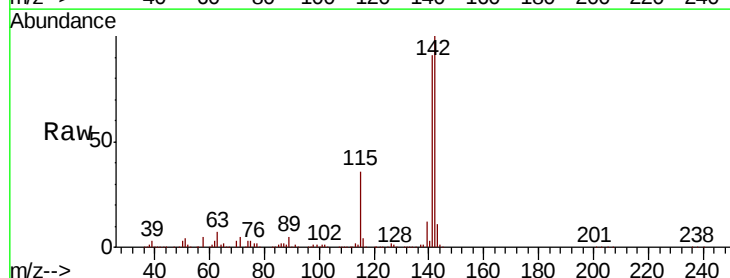
Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.6	105.8
115	34.2	27.0	40.6

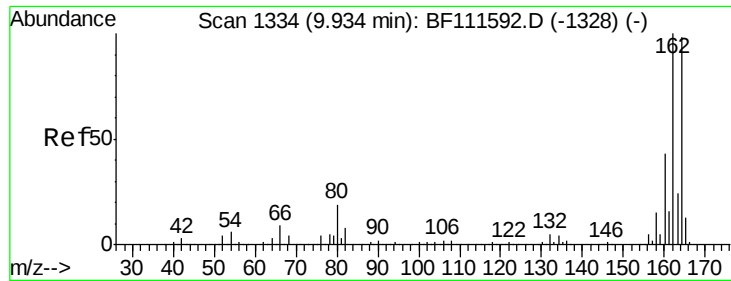


#38
1-Methylnaphthalene
Concen: 44.475 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF111843.D
Acq: 4 Jan 2019 14:34

Tgt Ion:142 Resp: 1131612

Ion	Ratio	Lower	Upper
142	100		
141	90.7	74.2	111.4
116	3.8	2.9	4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF111843.D

Acq: 4 Jan 2019 14:34

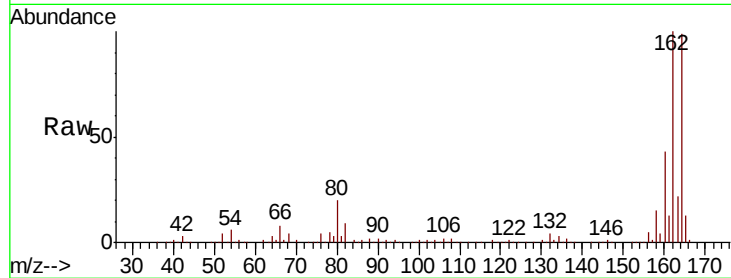
Tot Ion:164 Resp: 430832

Ion Ratio Lower Upper

164 100

162 101.4 81.4 122.0

160 44.1 35.7 53.5

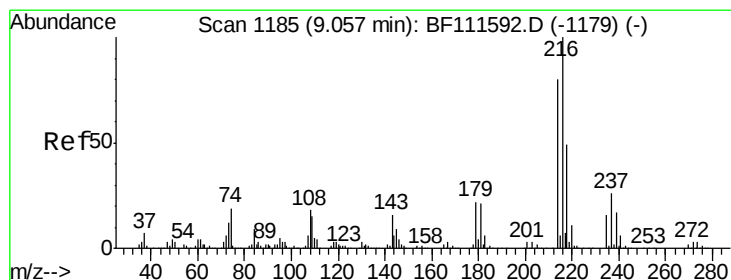
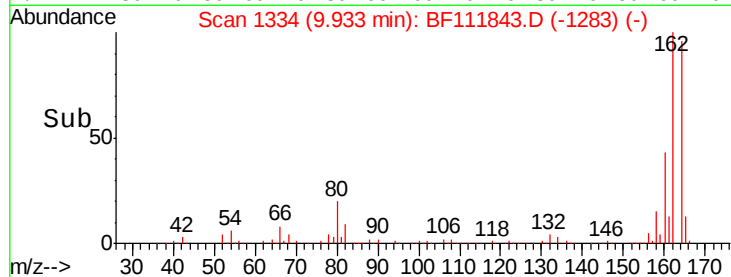
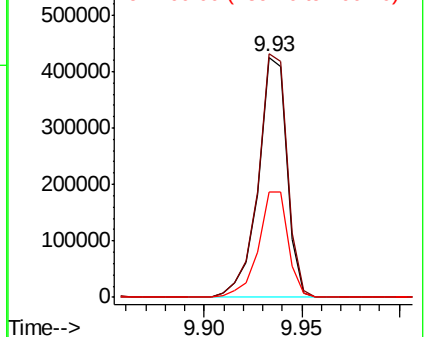


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.829 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.01 min

Lab File: BF111843.D

Acq: 4 Jan 2019 14:34

Tgt Ion:216 Resp: 563862

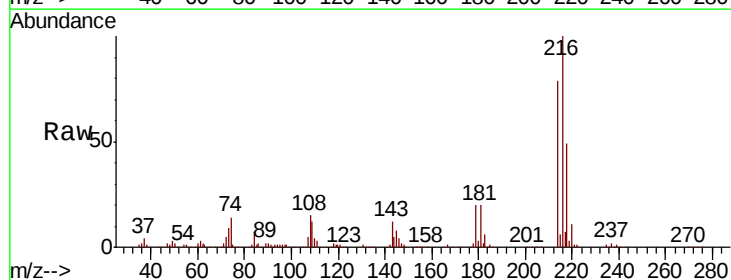
Ion Ratio Lower Upper

216 100

214 80.2 63.8 95.8

179 20.8 17.9 26.9

108 20.1 18.4 27.6



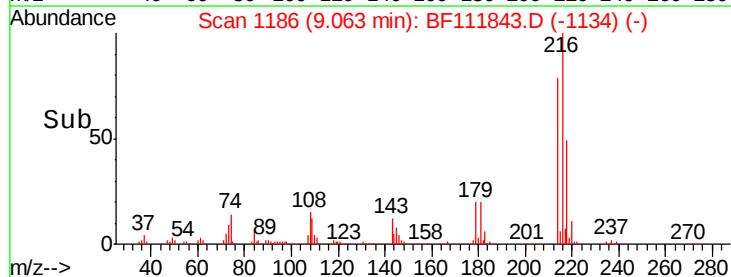
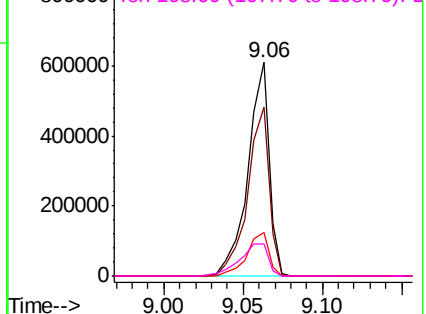
Abundance

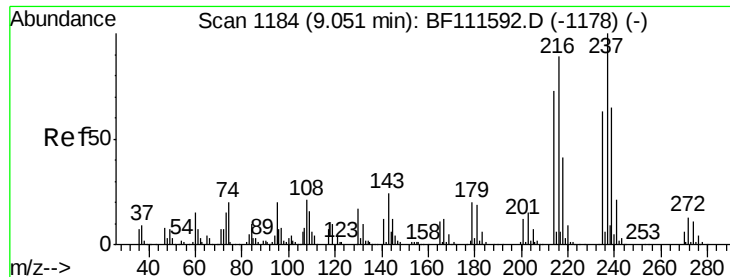
Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 110.553 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF111843.D

Acq: 4 Jan 2019 14:34

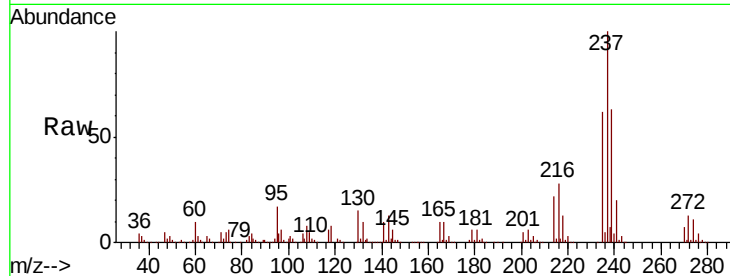
Tot Ion:237 Resp: 759490

Ion Ratio Lower Upper

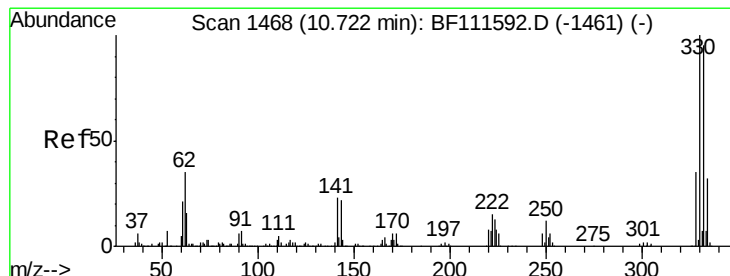
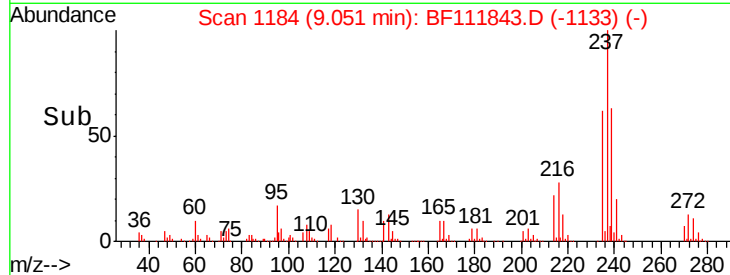
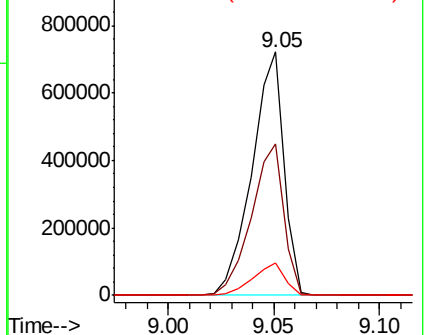
237 100

235 62.2 43.1 83.1

272 13.3 0.0 33.0



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



#42

2,4,6-Tribromophenol

Concen: 131.437 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF111843.D

Acq: 4 Jan 2019 14:34

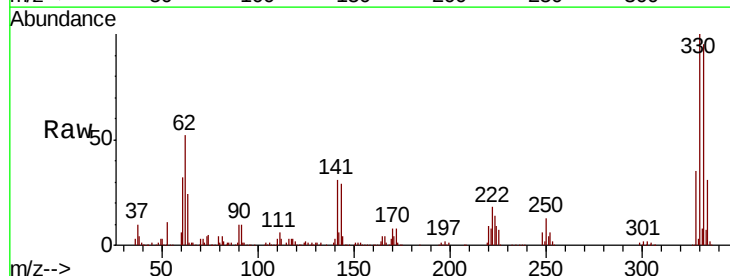
Tgt Ion:330 Resp: 669097

Ion Ratio Lower Upper

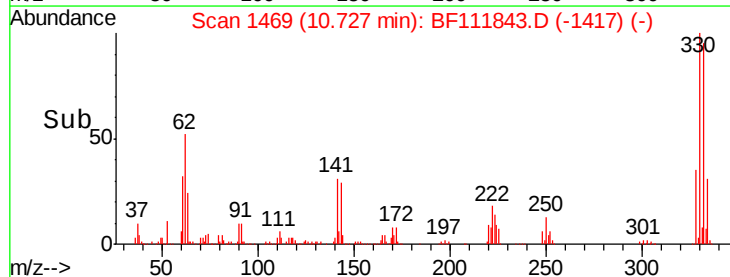
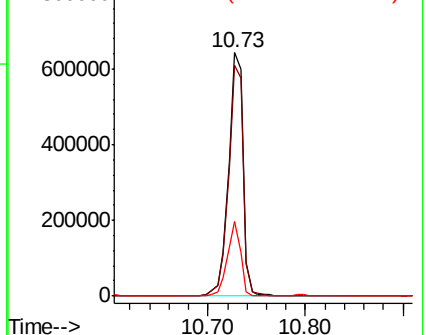
330 100

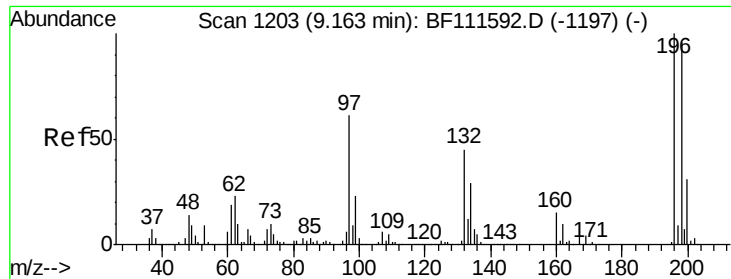
332 95.6 76.0 114.0

141 27.9 31.0 46.6#



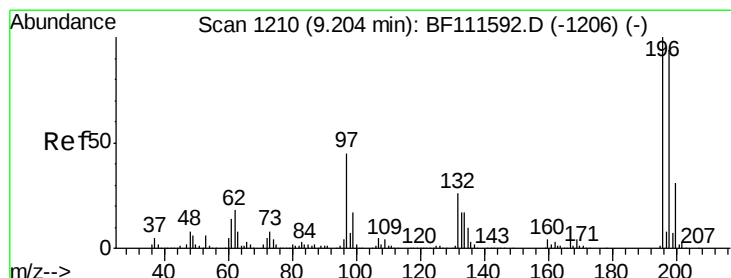
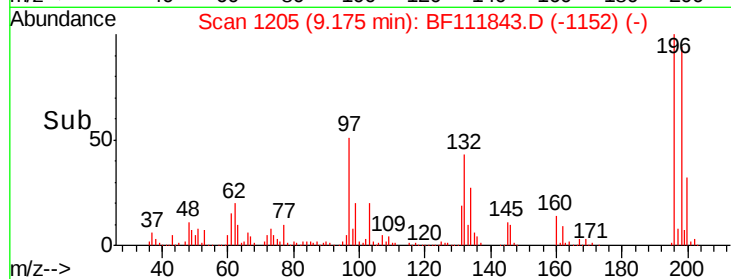
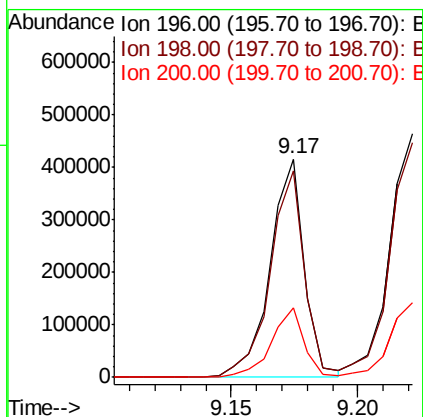
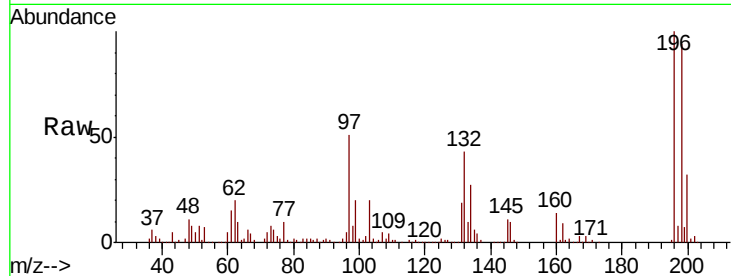
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





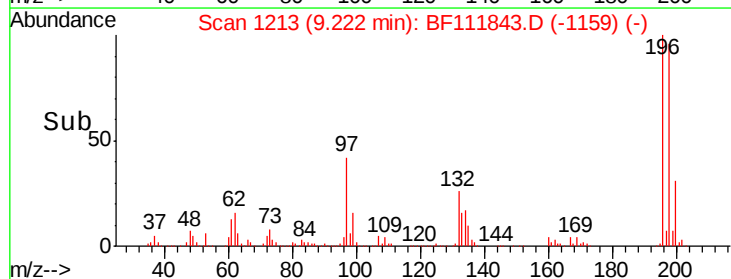
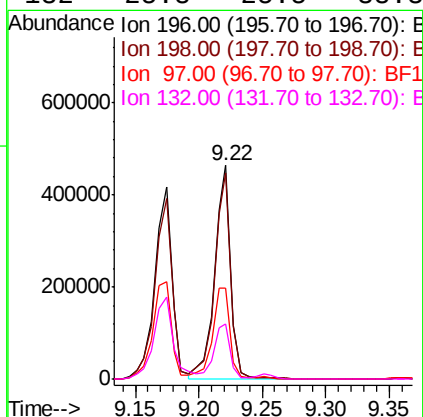
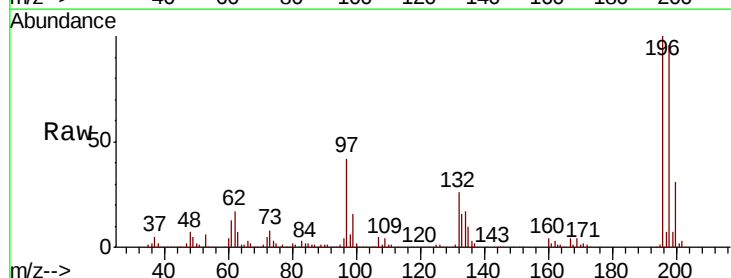
#43
 2,4,6-Trichlorophenol
 Concen: 41.828 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF111843.D
 Acq: 4 Jan 2019 14:34

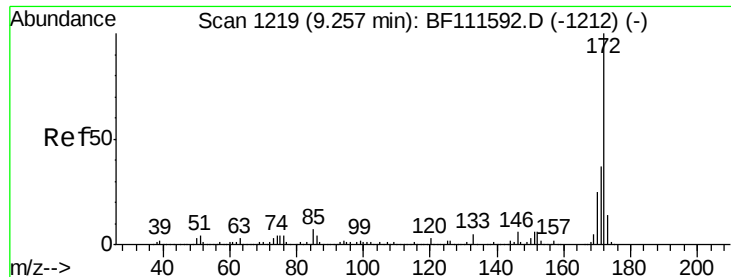
Tot Ion	196	Resp	395361
Ion Ratio	Lower	Upper	
196	100		
198	94.2	76.3	114.5
200	31.8	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 43.006 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.02 min
 Lab File: BF111843.D
 Acq: 4 Jan 2019 14:34

Tgt Ion	196	Resp	417021
Ion Ratio	Lower	Upper	
196	100		
198	96.3	72.9	109.3
97	42.3	45.3	67.9#
132	25.8	25.5	38.3





#45

2-Fluorobiphenyl

Concen: 70.714 ng

RT: 9.25 min Scan# 1218

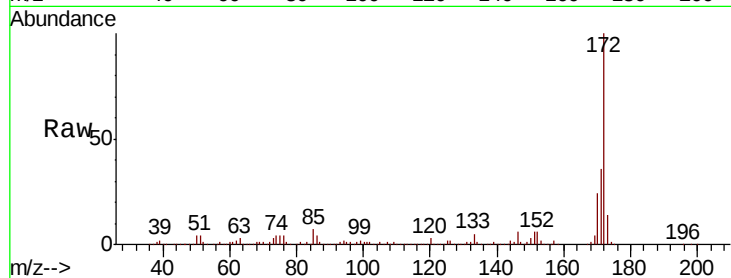
Delta R.T. -0.01 min

Lab File: BF111843.D

Acq: 4 Jan 2019 14:34

Tot Ion:172 Resp: 2090165

Ion	Ratio	Lower	Upper
172	100		
171	36.4	33.0	49.4
170	24.2	22.3	33.5

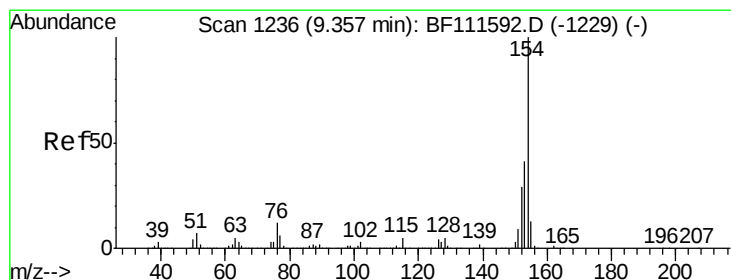
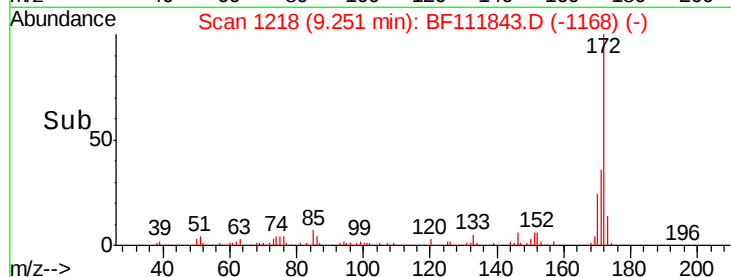
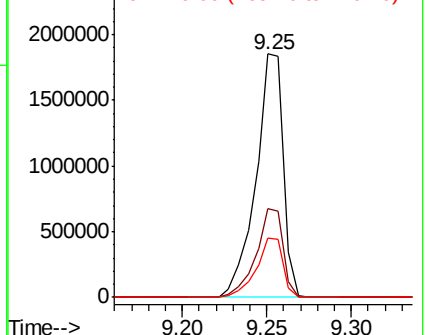


Abundance

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



#46

1,1'-Biphenyl

Concen: 40.012 ng

RT: 9.36 min Scan# 1236

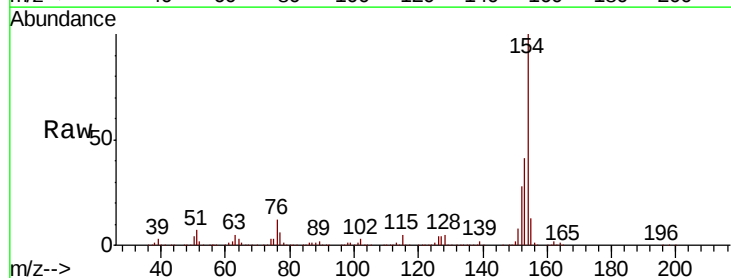
Delta R.T. -0.00 min

Lab File: BF111843.D

Acq: 4 Jan 2019 14:34

Tgt Ion:154 Resp: 1455169

Ion	Ratio	Lower	Upper
154	100		
153	40.9	23.7	63.7
76	12.2	0.0	35.0

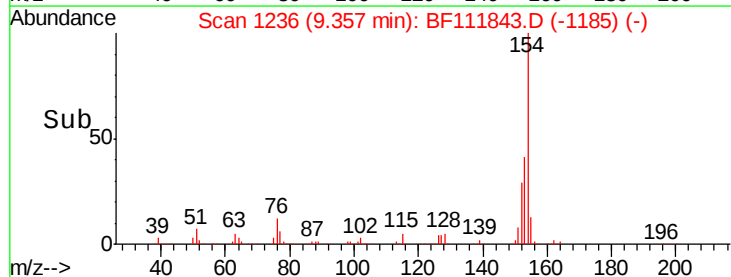
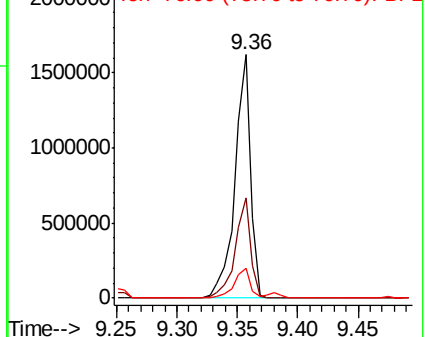


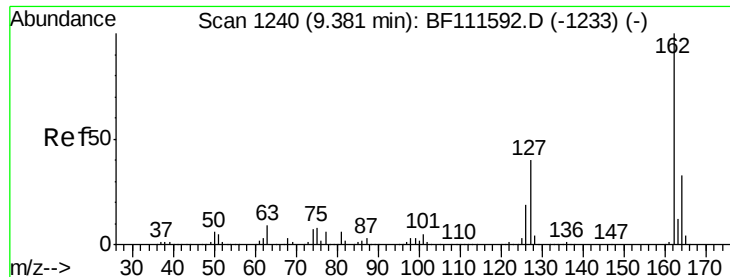
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

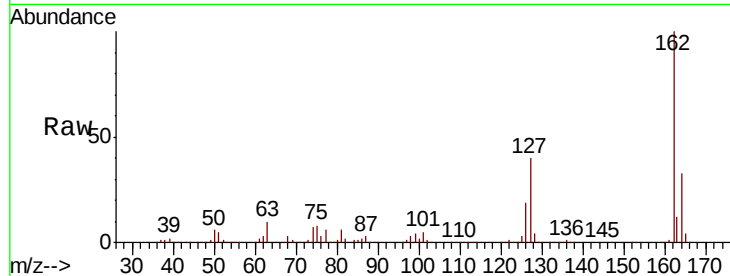
Ion 76.00 (75.70 to 76.70): BF1



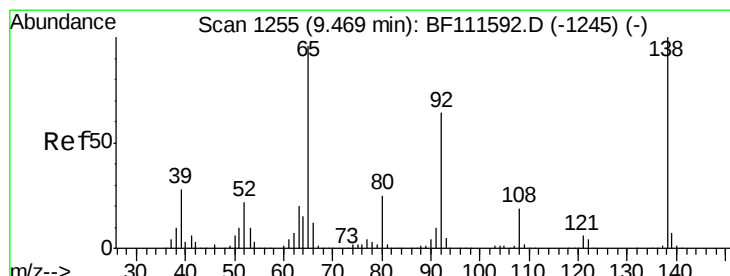
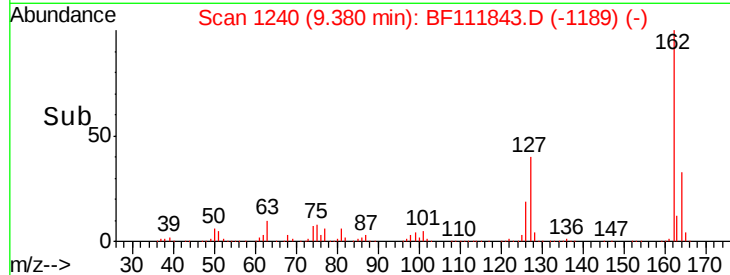
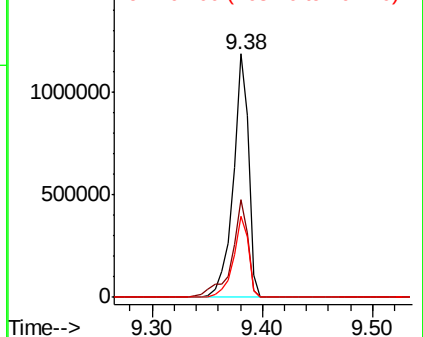


#47
 2-Chloronaphthalene
 Concen: 39.932 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BF111843.D
 Acq: 4 Jan 2019 14:34

Tot Ion:162 Resp: 1150632
 Ion Ratio Lower Upper
 162 100
 127 40.3 35.0 52.4
 164 33.2 28.4 42.6

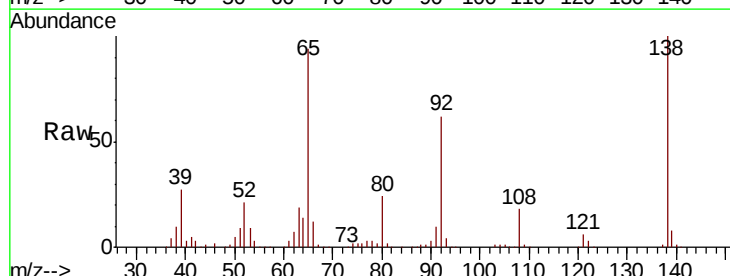


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

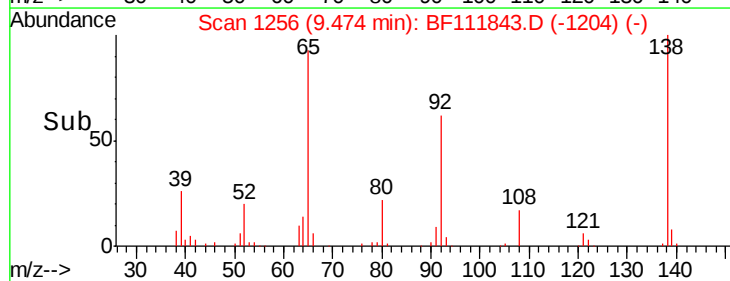
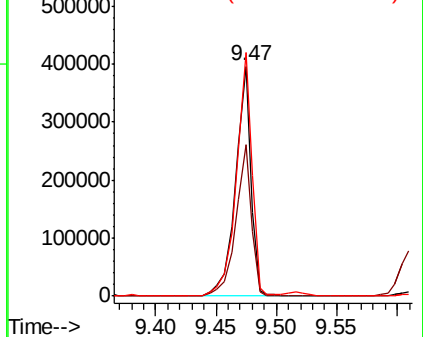


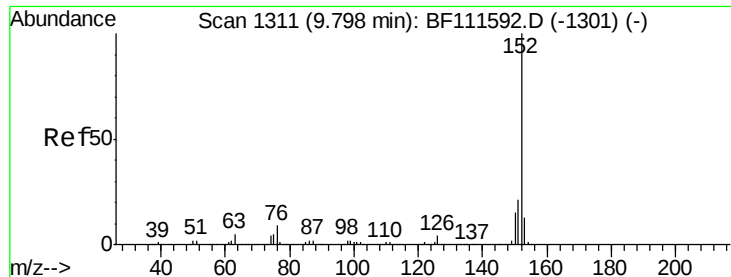
#48
 2-Nitroaniline
 Concen: 47.407 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. 0.01 min
 Lab File: BF111843.D
 Acq: 4 Jan 2019 14:34

Tgt Ion: 65 Resp: 355366
 Ion Ratio Lower Upper
 65 100
 92 66.0 53.5 80.3
 138 105.9 80.9 121.3



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





#49

Acenaphthylene

Concen: 43.372 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF111843.D

Acq: 4 Jan 2019 14:34

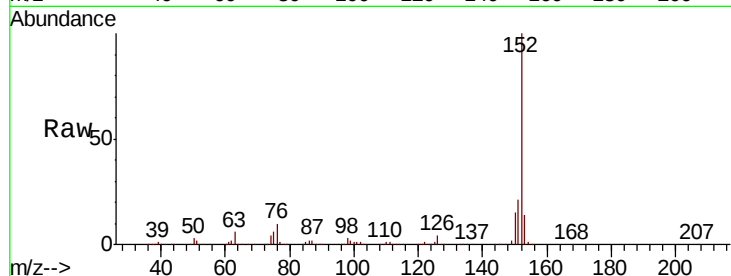
Tot Ion:152 Resp: 1824714

Ion Ratio Lower Upper

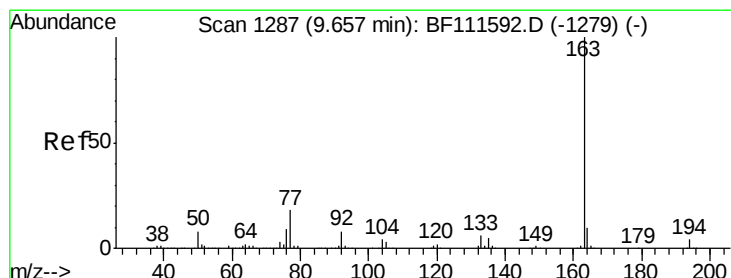
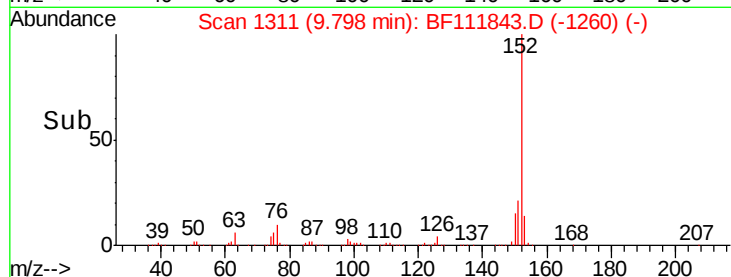
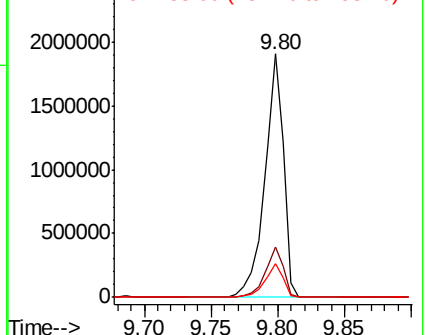
152 100

151 20.8 18.0 27.0

153 13.8 12.3 18.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.392 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BF111843.D

Acq: 4 Jan 2019 14:34

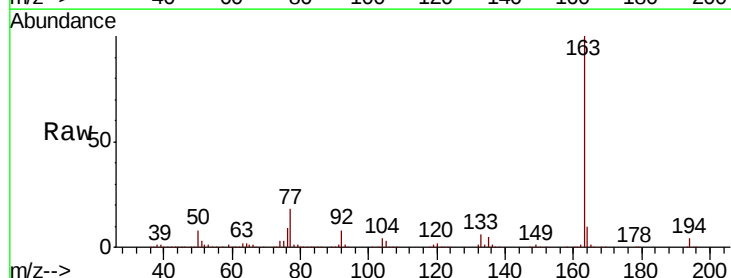
Tgt Ion:163 Resp: 1335583

Ion Ratio Lower Upper

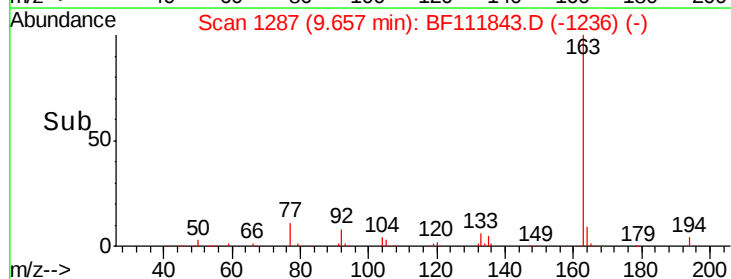
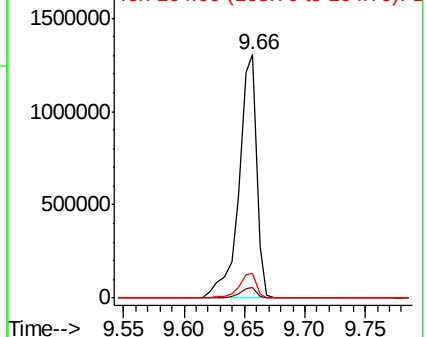
163 100

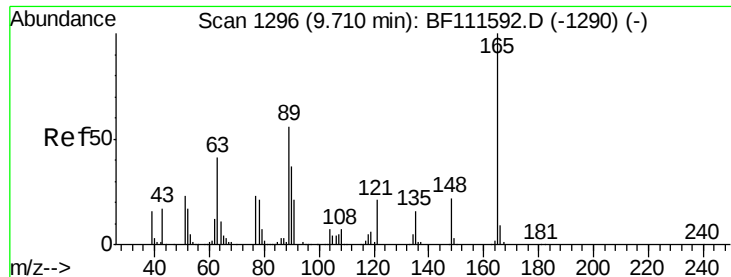
194 4.3 3.0 4.6

164 10.2 8.9 13.3



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





#51

2,6-Dinitrotoluene

Concen: 47.911 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.01 min

Lab File: BF111843.D

Acq: 4 Jan 2019 14:34

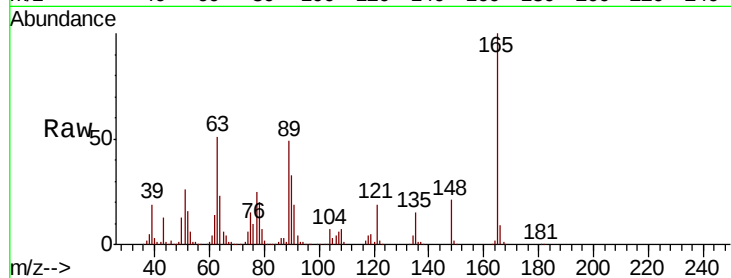
Tot Ion:165 Resp: 300986

Ion Ratio Lower Upper

165 100

63 50.8 40.5 60.7

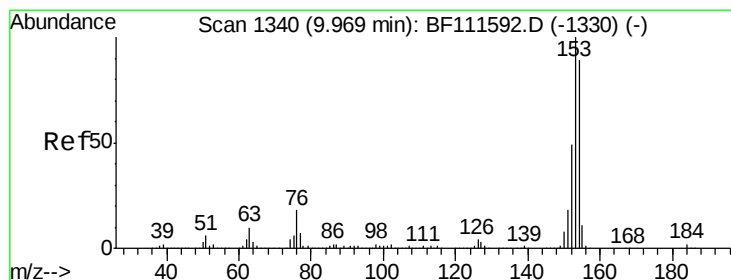
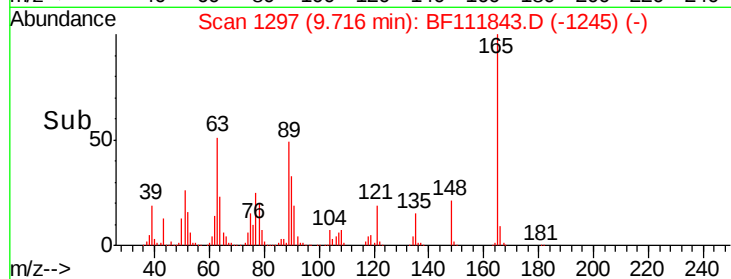
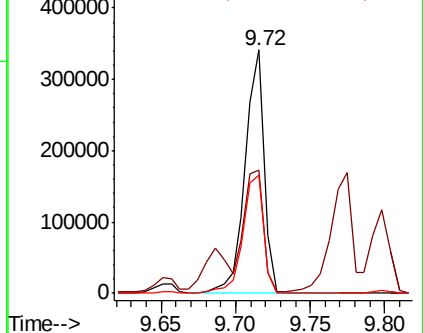
89 48.7 40.0 60.0



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



#52

Acenaphthene

Concen: 46.343 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.00 min

Lab File: BF111843.D

Acq: 4 Jan 2019 14:34

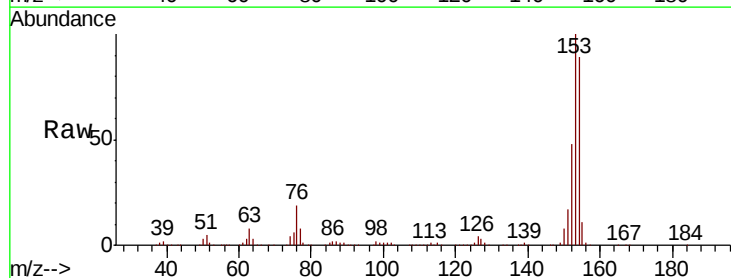
Tgt Ion:154 Resp: 1202505

Ion Ratio Lower Upper

154 100

153 112.9 87.8 131.8

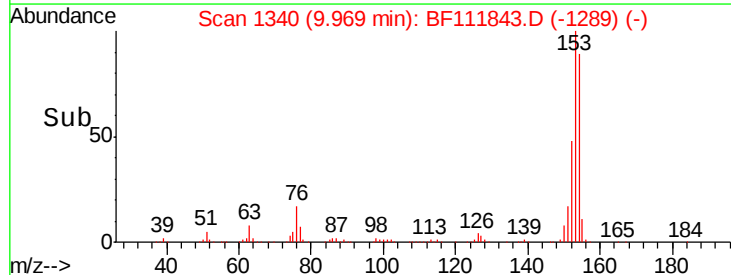
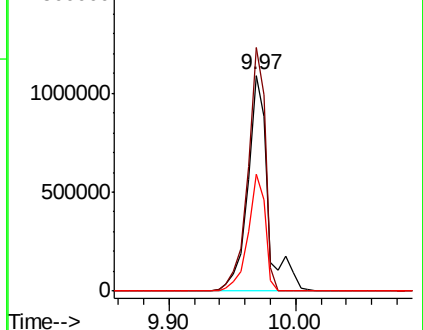
152 54.0 43.4 65.2

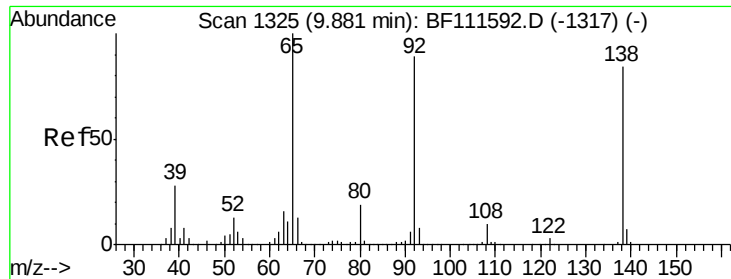


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

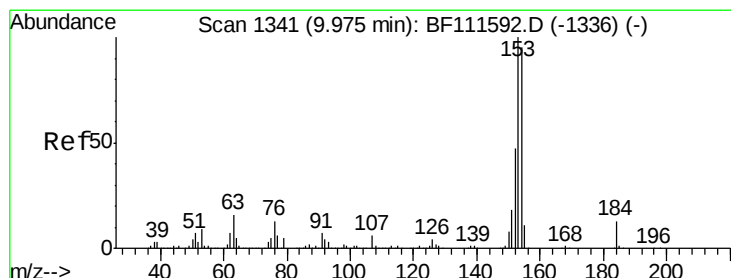
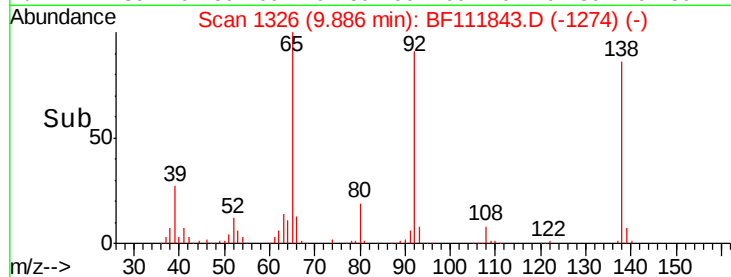
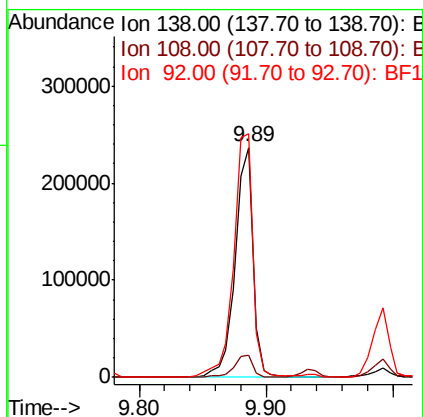
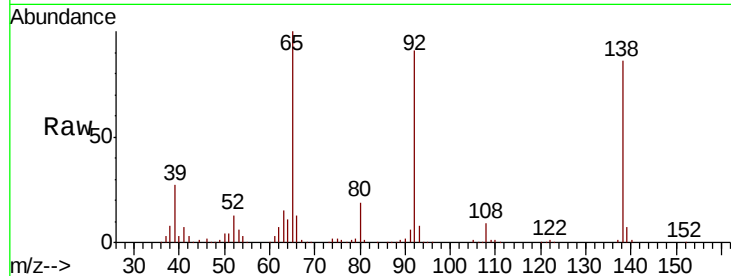
Ion 152.00 (151.70 to 152.70): E





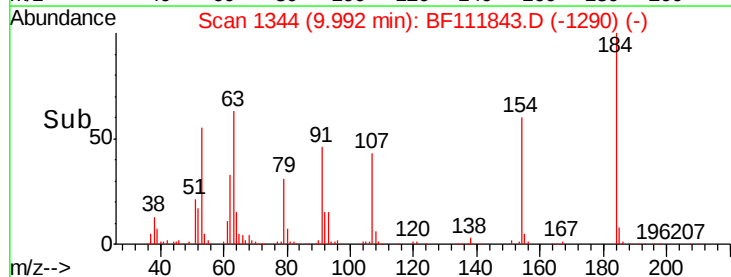
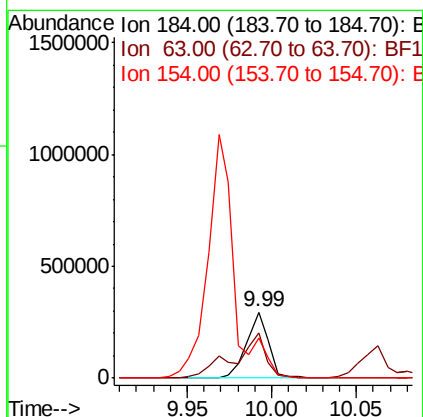
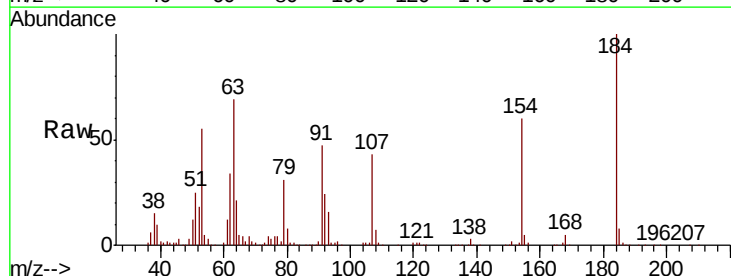
#53
3-Nitroaniline
Concen: 34.186 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF111843.D
Acq: 4 Jan 2019 14:34

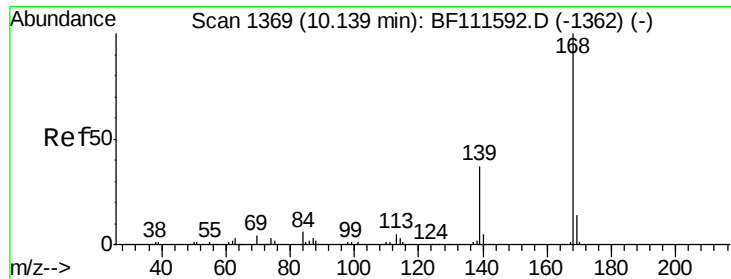
Tot Ion:138 Resp: 229042
Ion Ratio Lower Upper
138 100
108 9.9 8.2 12.4
92 106.0 93.4 140.2



#54
2,4-Dinitrophenol
Concen: 130.237 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.02 min
Lab File: BF111843.D
Acq: 4 Jan 2019 14:34

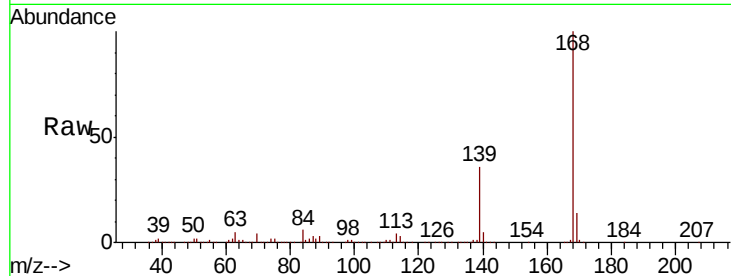
Tgt Ion:184 Resp: 272750
Ion Ratio Lower Upper
184 100
63 69.1 62.3 93.5
154 60.5 56.2 84.2



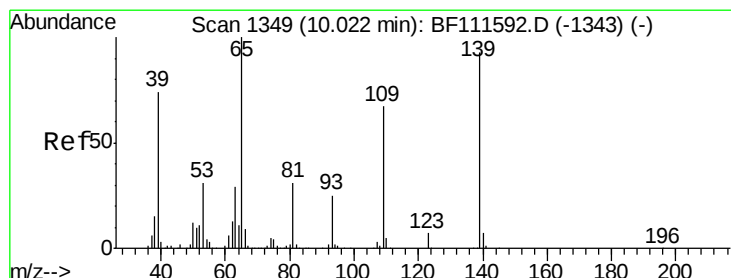
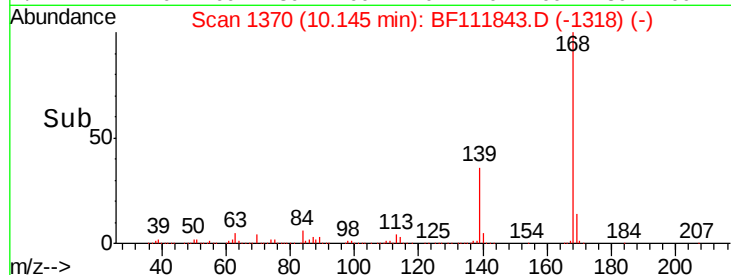
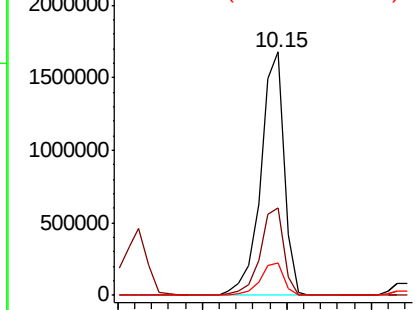


#55
Dibenzofuran
Concen: 41.091 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.01 min
Lab File: BF111843.D
Acq: 4 Jan 2019 14:34

Tot Ion:168 Resp: 1610834
Ion Ratio Lower Upper
168 100
139 35.7 32.6 49.0
169 13.5 11.8 17.6

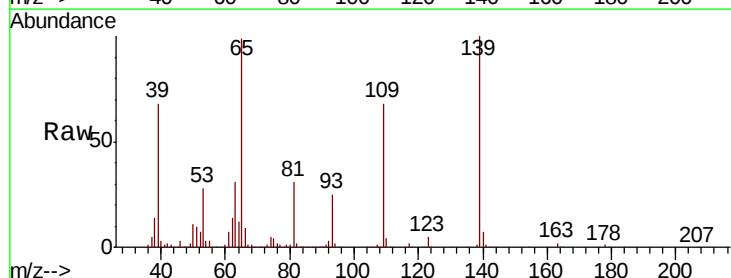


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

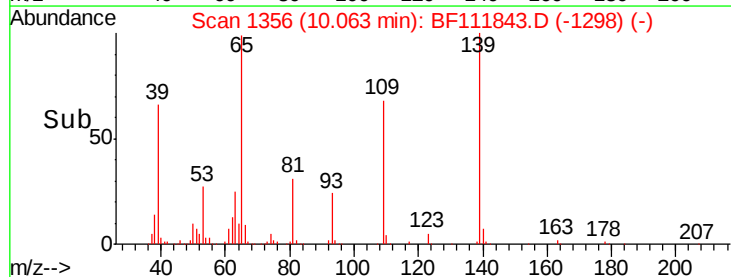
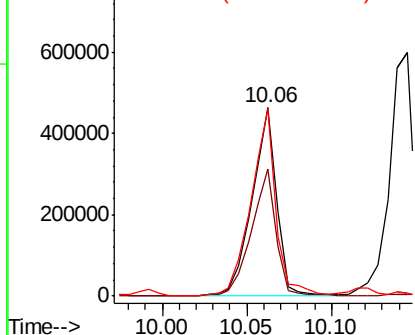


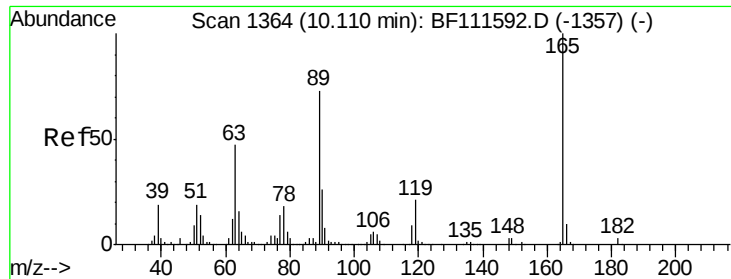
#56
4-Nitrophenol
Concen: 92.924 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.04 min
Lab File: BF111843.D
Acq: 4 Jan 2019 14:34

Tgt Ion:139 Resp: 475127
Ion Ratio Lower Upper
139 100
109 67.9 41.8 81.8
65 99.3 79.6 119.6



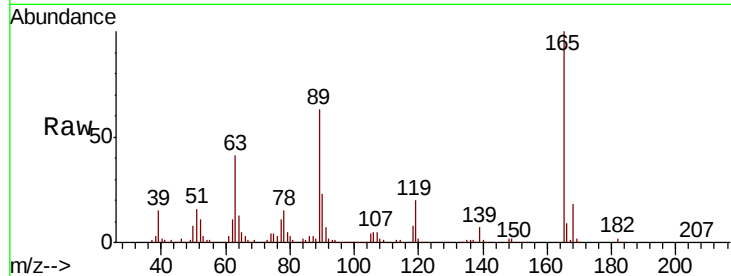
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1



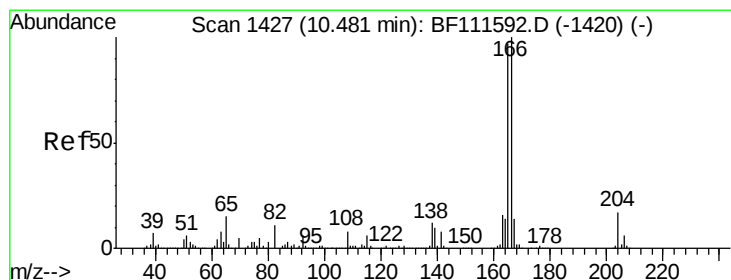
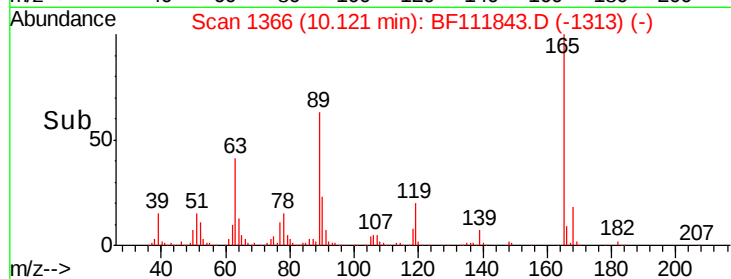
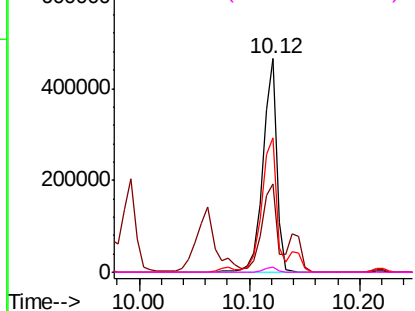


#57
2,4-Dinitrotoluene
Concen: 54.103 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF111843.D
Acq: 4 Jan 2019 14:34

Tot Ion:165 Resp: 408496
Ion Ratio Lower Upper
165 100
63 41.4 34.6 52.0
89 62.9 56.2 84.4
182 2.5 1.8 2.6

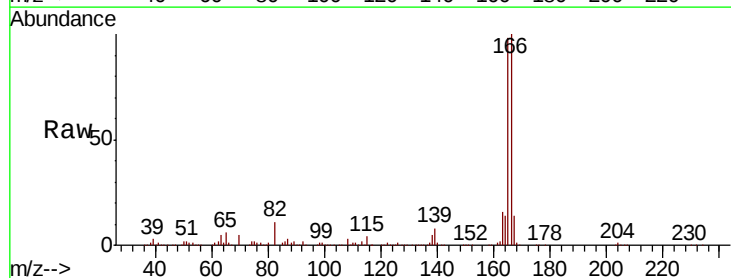


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

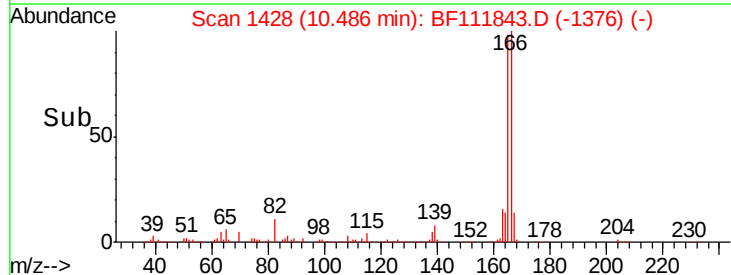
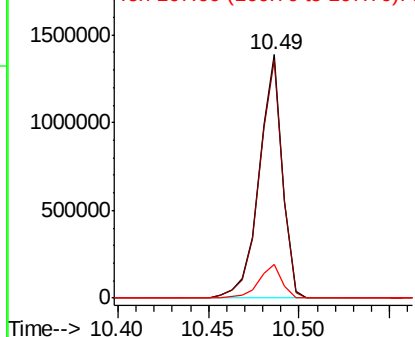


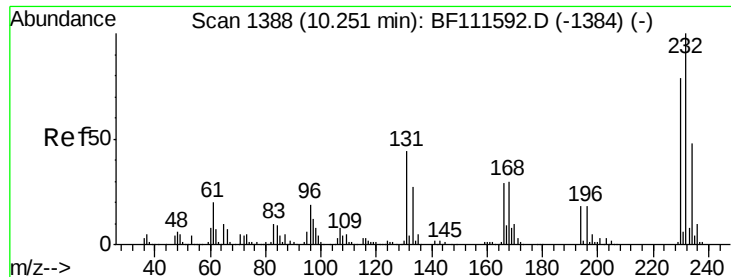
#58
Fluorene
Concen: 43.655 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF111843.D
Acq: 4 Jan 2019 14:34

Tgt Ion:166 Resp: 1233181
Ion Ratio Lower Upper
166 100
165 98.2 78.4 117.6
167 13.6 11.2 16.8



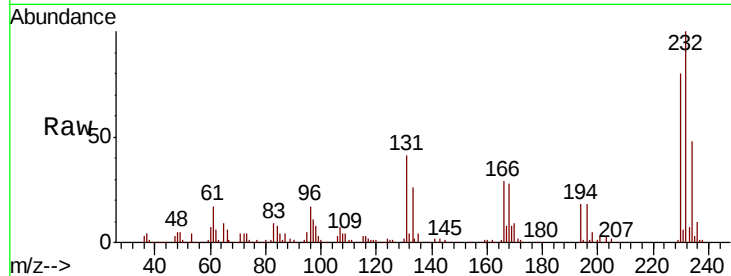
Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.141 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BF111843.D
Acq: 4 Jan 2019 14:34

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.9	40.9	61.3#
130	2.0	2.0	3.0
166	28.5	26.8	40.2



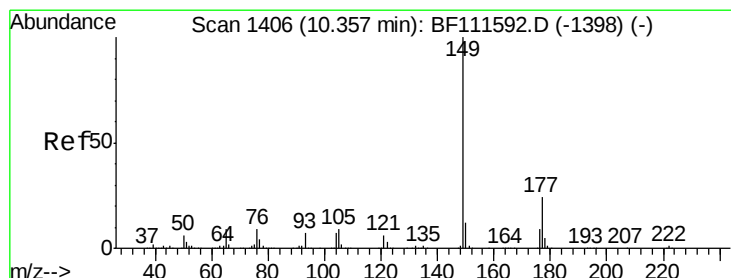
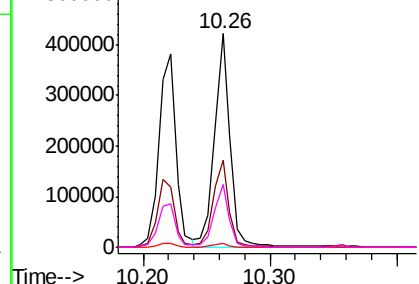
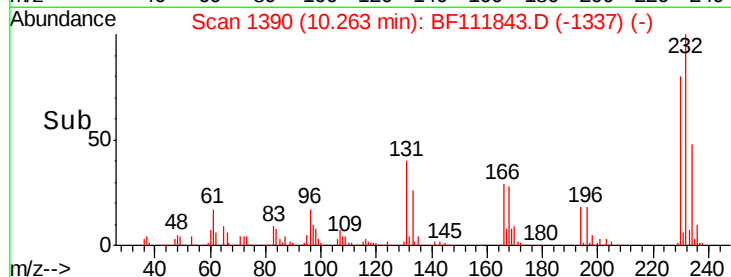
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

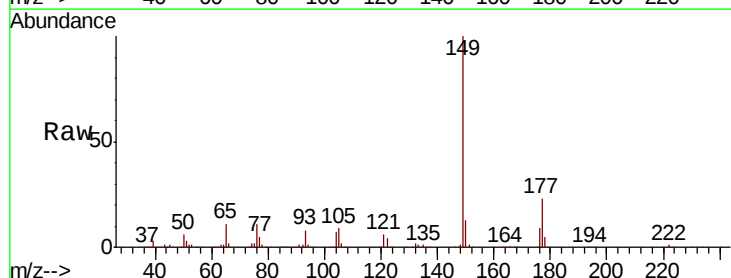
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 40.849 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF111843.D
Acq: 4 Jan 2019 14:34

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.3	27.5
150	12.8	10.6	15.8

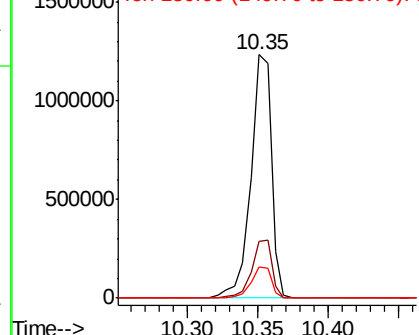
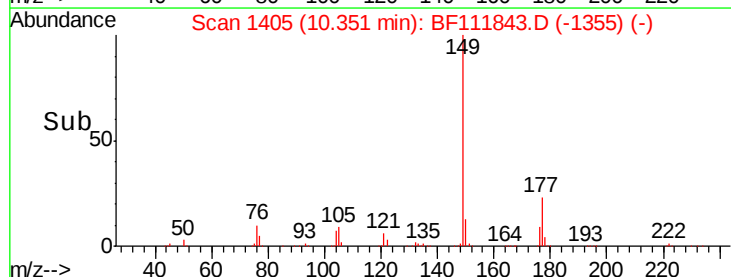


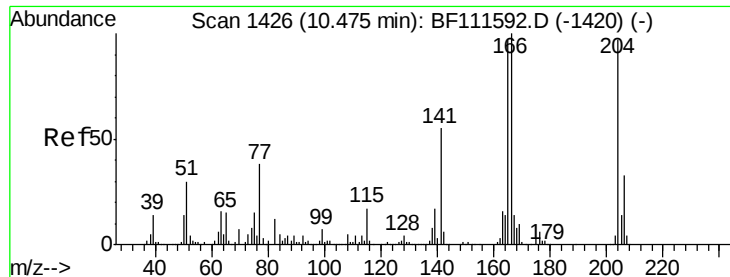
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

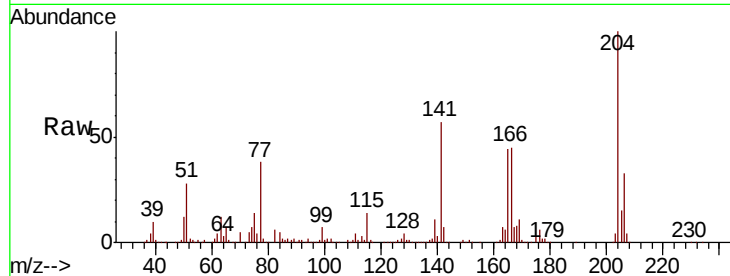
Ion 150.00 (149.70 to 150.70): E





#61
 4-Chlorophenyl-phenylether
 Concen: 40.104 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.00 min
 Lab File: BF111843.D
 Acq: 4 Jan 2019 14:34

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.6	39.8
141	56.8	52.6	78.8

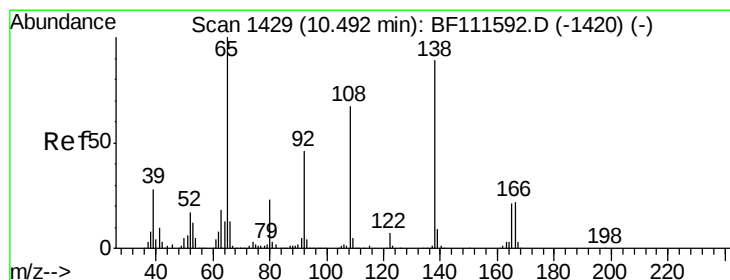
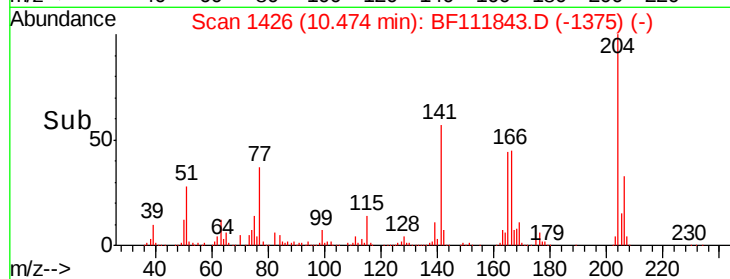
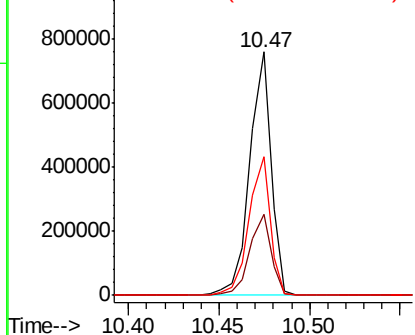


Abundance

Ion 204.00 (203.70 to 204.70): E

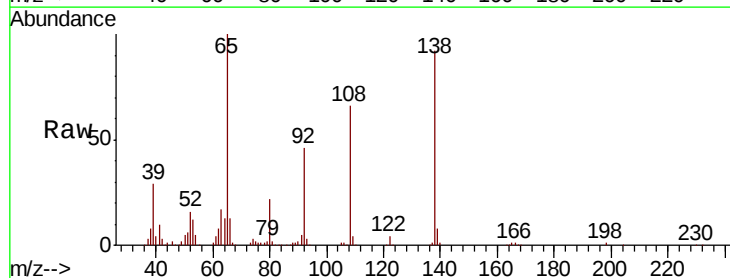
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 47.165 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.01 min
 Lab File: BF111843.D
 Acq: 4 Jan 2019 14:34

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.2	29.9	69.9
108	71.3	43.2	83.2

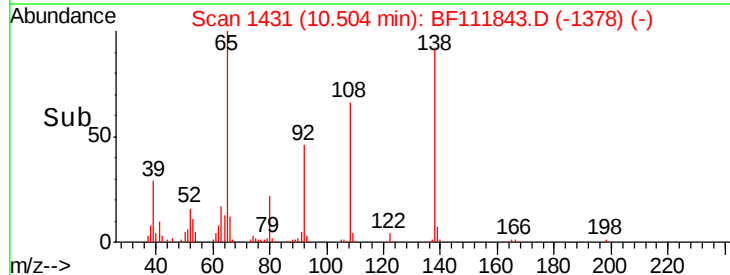
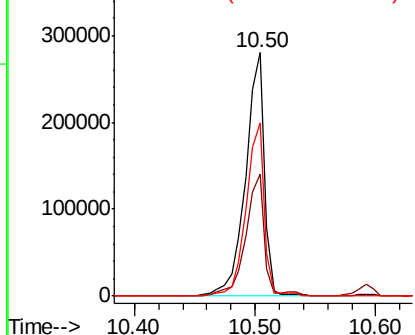


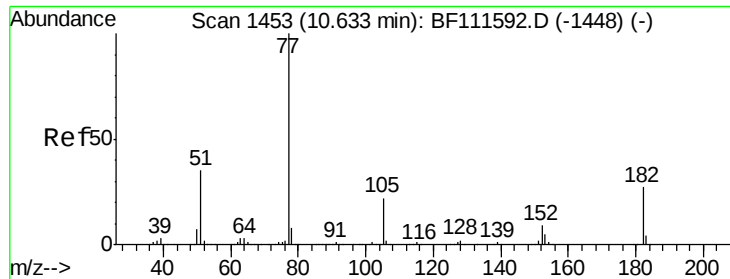
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E

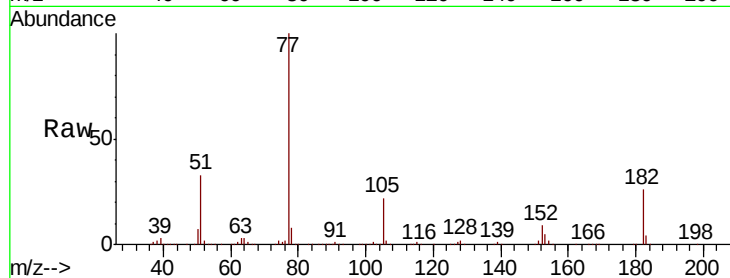




#63
Azobenzene
Concen: 39.531 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BF111843.D
Acq: 4 Jan 2019 14:34

Tot Ion: 77 Resp: 1226499

Ion	Ratio	Lower	Upper
77	100		
182	26.1	4.9	44.9
105	21.5	6.0	46.0
51	33.3	14.7	54.7

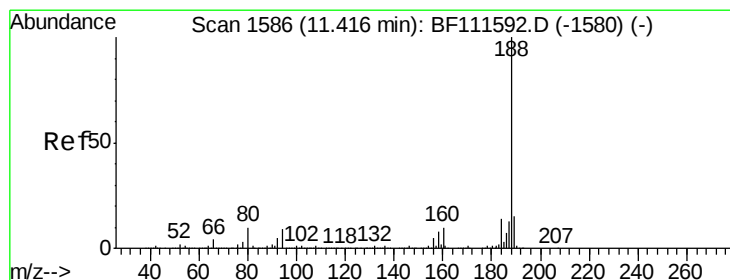
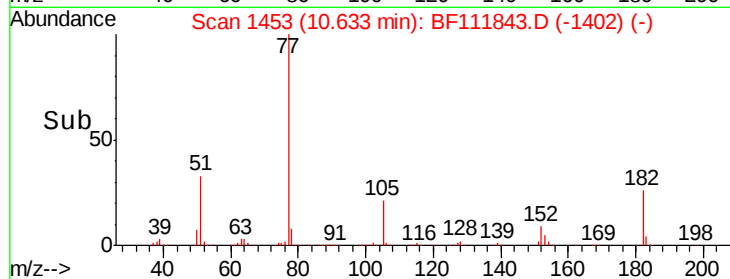
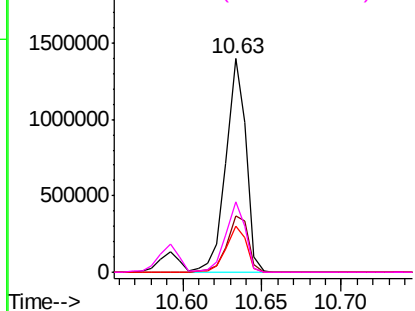


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

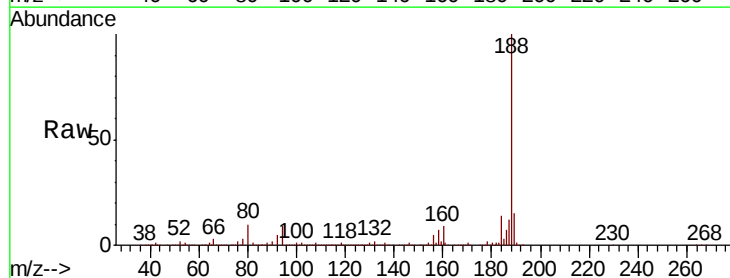
Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF111843.D
Acq: 4 Jan 2019 14:34

Tgt Ion: 188 Resp: 819941

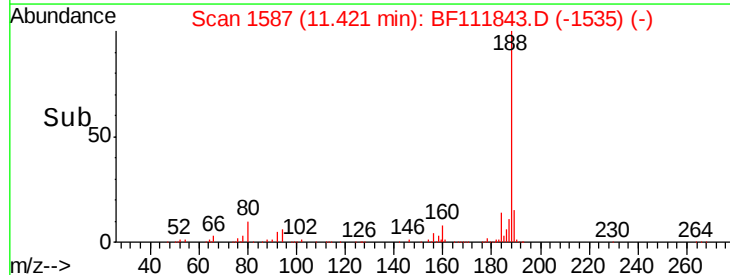
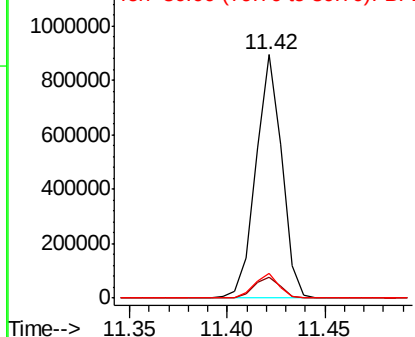
Ion	Ratio	Lower	Upper
188	100		
94	8.8	9.6	14.4#
80	10.0	9.8	14.6

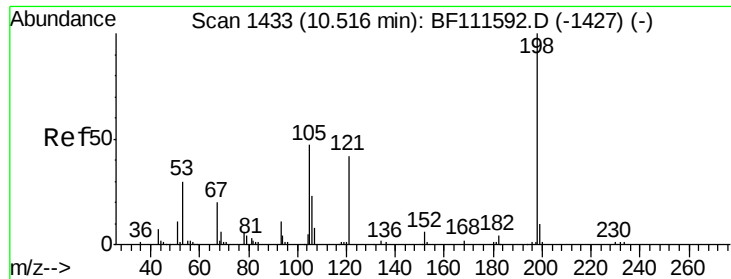


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 55.769 ng

RT: 10.53 min Scan# 1436

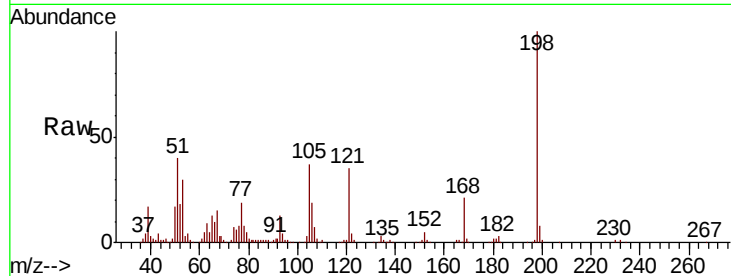
Delta R.T. 0.02 min

Lab File: BF111843.D

Acq: 4 Jan 2019 14:34

Tot Ion:198 Resp: 193252

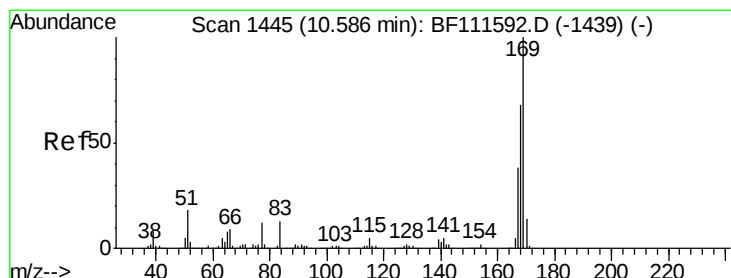
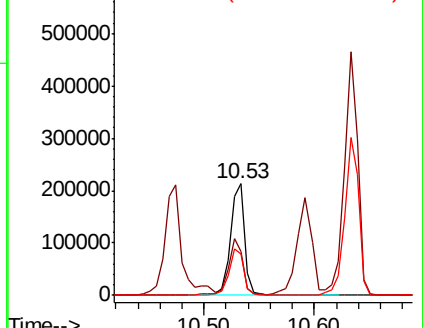
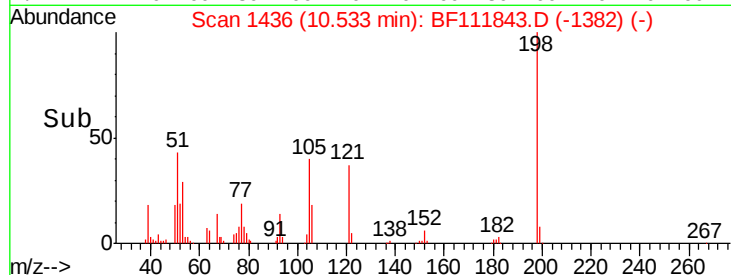
Ion	Ratio	Lower	Upper
198	100		
51	39.9	48.0	88.0#
105	36.9	34.0	74.0



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



#66

n-Nitrosodiphenylamine

Concen: 39.896 ng

RT: 10.59 min Scan# 1446

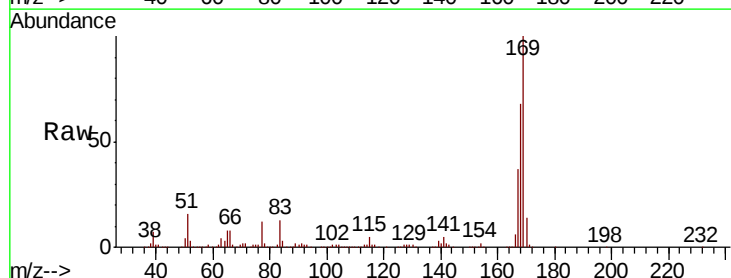
Delta R.T. 0.01 min

Lab File: BF111843.D

Acq: 4 Jan 2019 14:34

Tgt Ion:169 Resp: 1098101

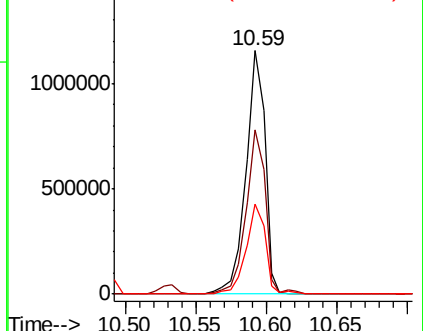
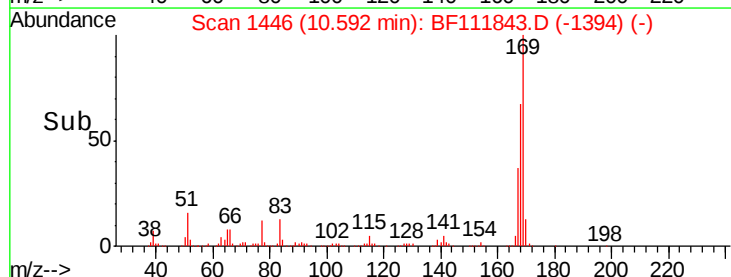
Ion	Ratio	Lower	Upper
169	100		
168	67.6	54.4	81.6
167	36.8	30.5	45.7

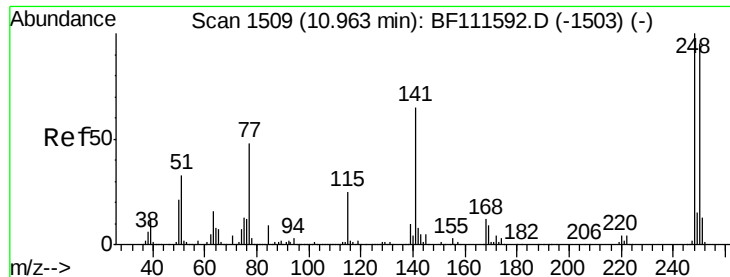


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

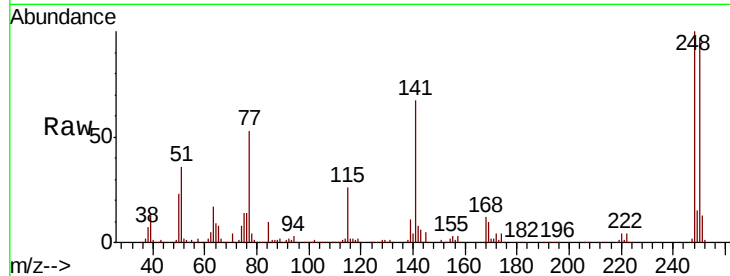
Ion 167.00 (166.70 to 167.70): E



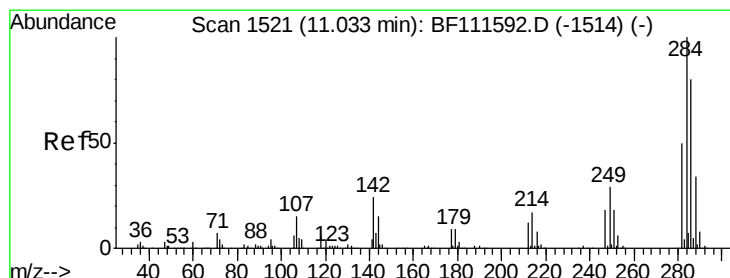
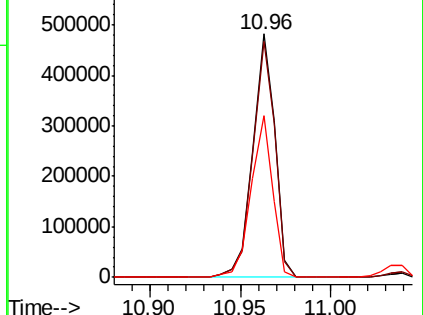
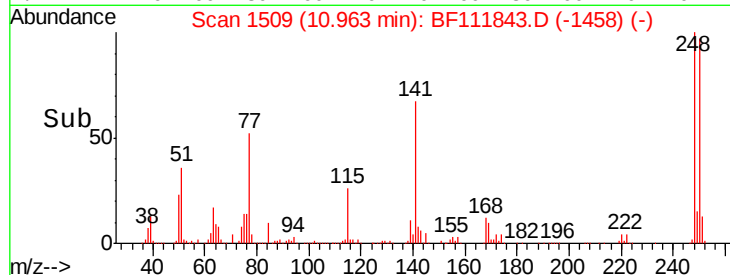


#67
 4-Bromophenyl-phenylether
 Concen: 40.150 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: BF111843.D
 Acq: 4 Jan 2019 14:34

Tot Ion:248 Resp: 408326
 Ion Ratio Lower Upper
 248 100
 250 97.0 77.0 115.4
 141 66.7 63.0 94.6

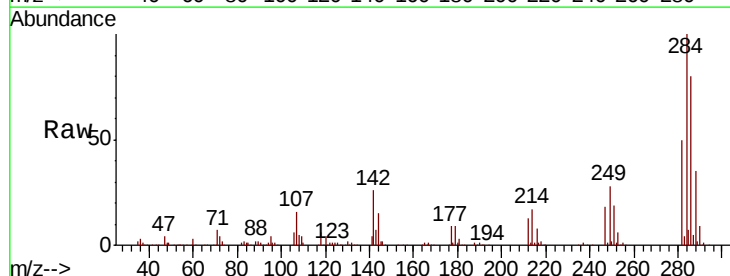


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

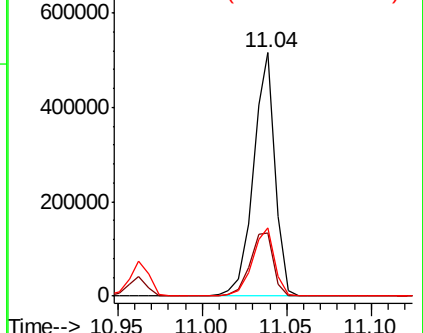
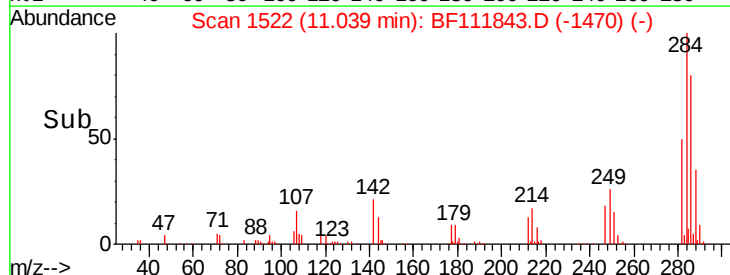


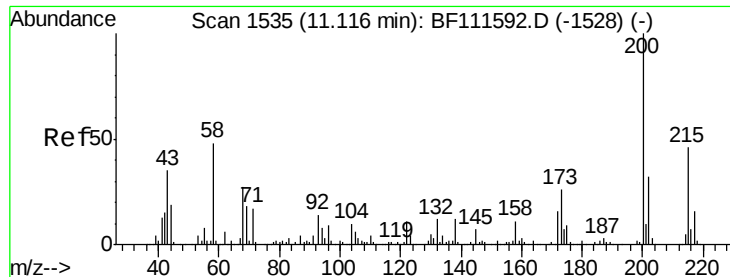
#68
 Hexachlorobenzene
 Concen: 40.729 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.01 min
 Lab File: BF111843.D
 Acq: 4 Jan 2019 14:34

Tgt Ion:284 Resp: 461830
 Ion Ratio Lower Upper
 284 100
 142 25.8 27.4 41.2#
 249 28.1 24.4 36.6



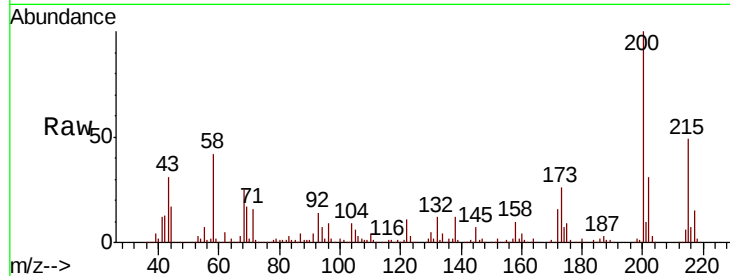
Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69
Atrazine
Concen: 39.019 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.01 min
Lab File: BF111843.D
Acq: 4 Jan 2019 14:34

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.7	10.1	50.1
215	49.0	26.9	66.9

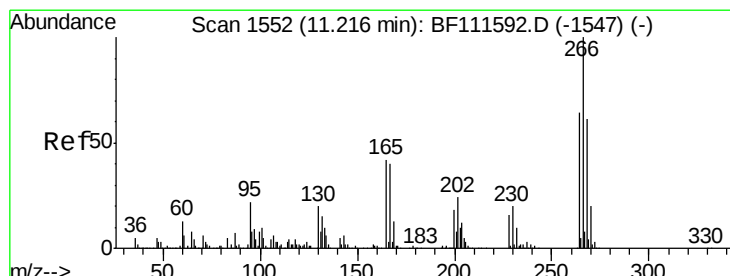
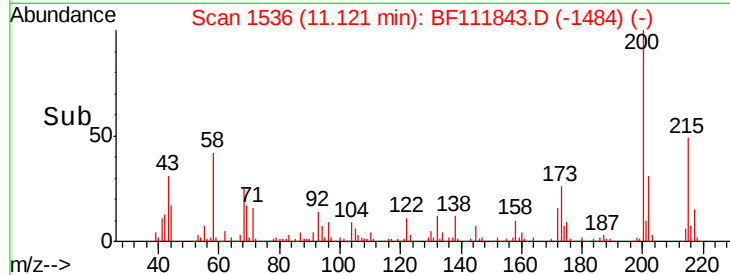
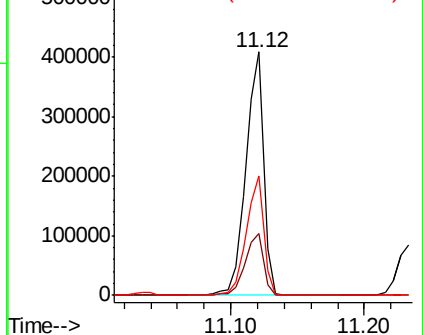


Abundance

Ion 200.00 (199.70 to 200.70): E

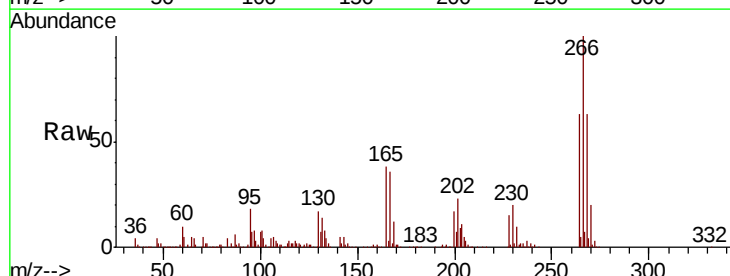
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 65.993 ng
RT: 11.23 min Scan# 1555
Delta R.T. 0.02 min
Lab File: BF111843.D
Acq: 4 Jan 2019 14:34

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	47.9	71.9
264	63.1	49.1	73.7

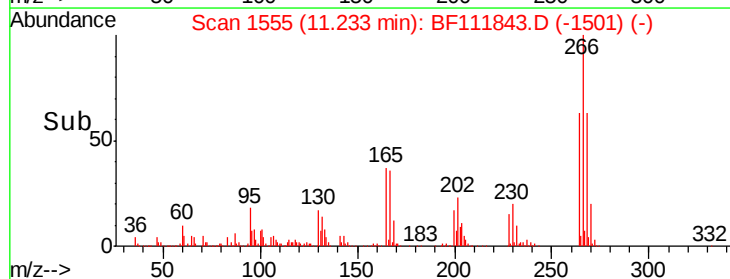
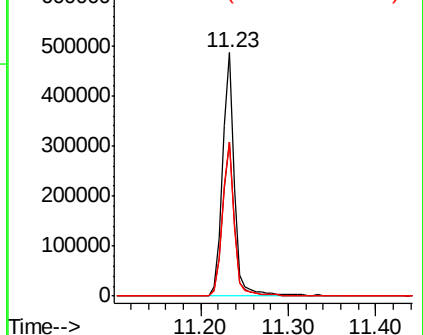


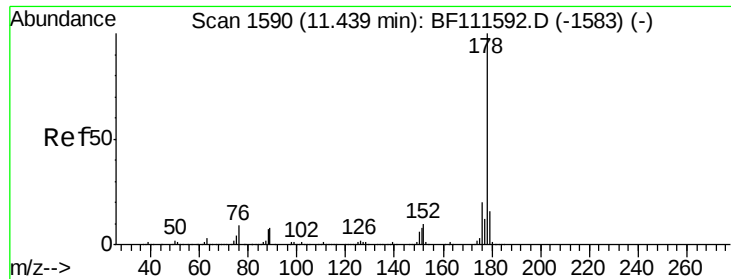
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

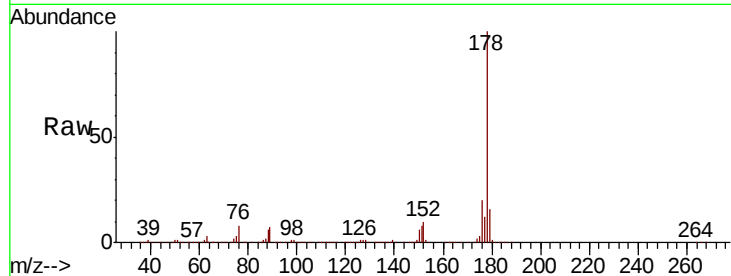
Ion 264.00 (263.70 to 264.70): E



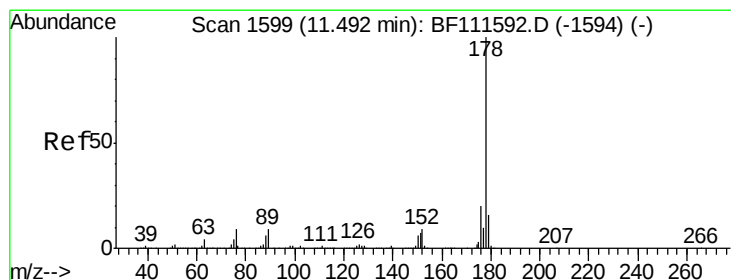
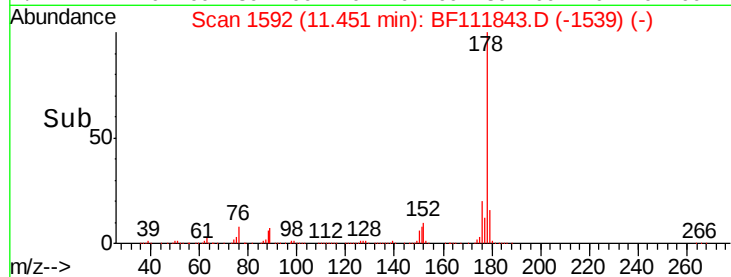
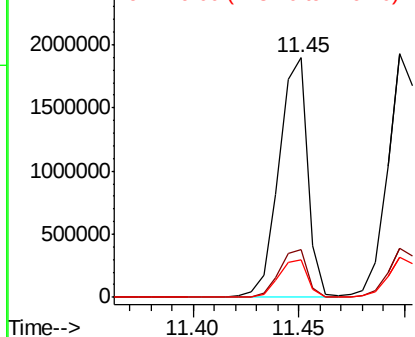


#71
Phenanthrene
Concen: 41.543 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.01 min
Lab File: BF111843.D
Acq: 4 Jan 2019 14:34

Tot Ion:178 Resp: 1806499
Ion Ratio Lower Upper
178 100
176 20.1 18.1 27.1
179 15.9 14.0 21.0

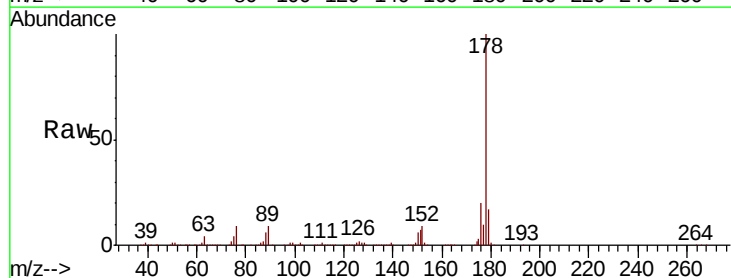


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

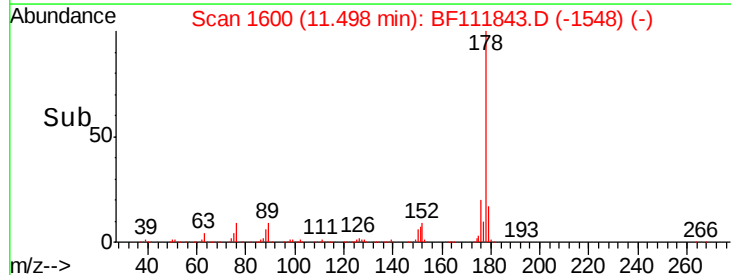
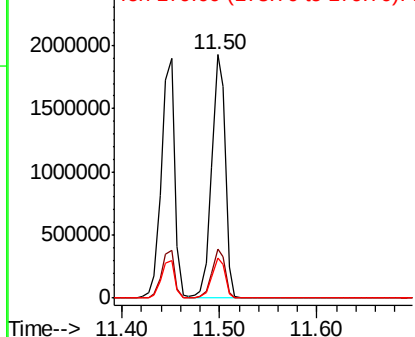


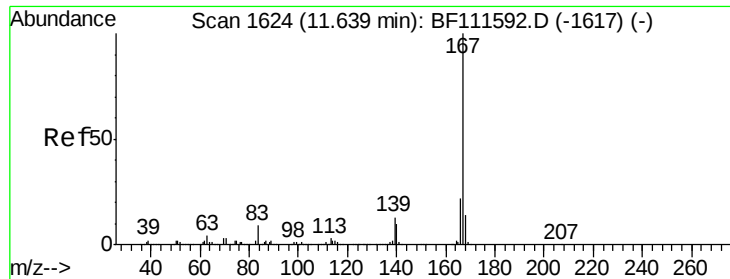
#72
Anthracene
Concen: 42.647 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.01 min
Lab File: BF111843.D
Acq: 4 Jan 2019 14:34

Tgt Ion:178 Resp: 1861416
Ion Ratio Lower Upper
178 100
176 20.1 17.2 25.8
179 16.6 13.8 20.8



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

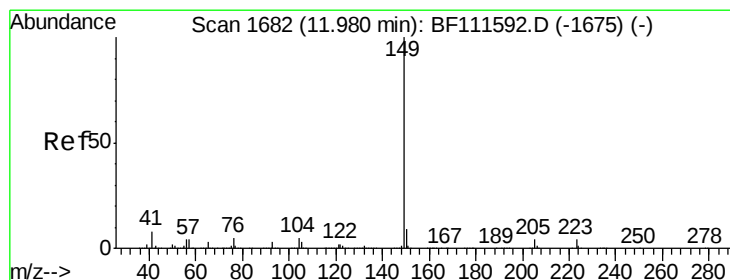
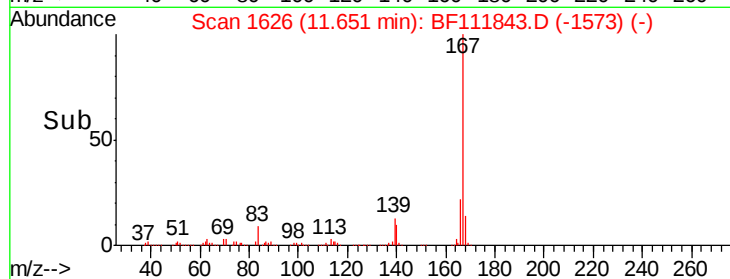
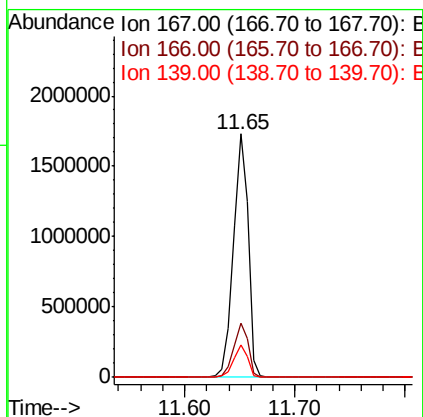
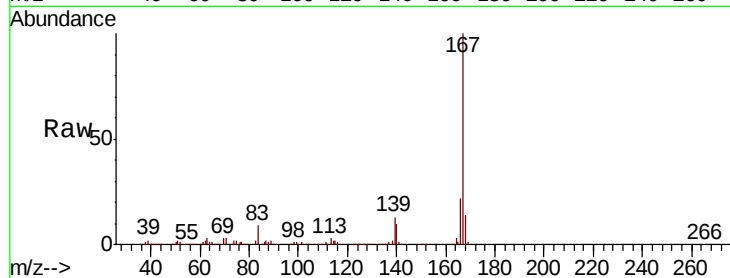




#73
 Carbazole
 Concen: 38.680 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. 0.01 min
 Lab File: BF111843.D
 Acq: 4 Jan 2019 14:34

Tot Ion:167 Resp: 1639076

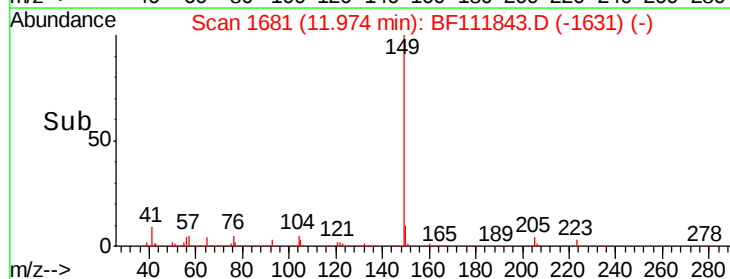
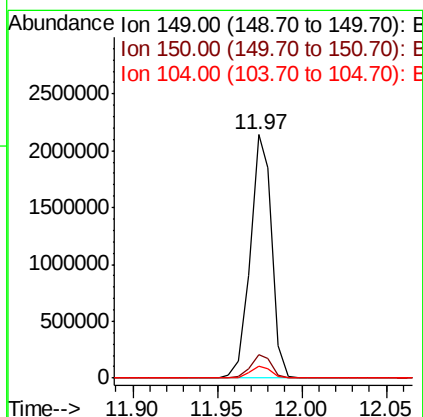
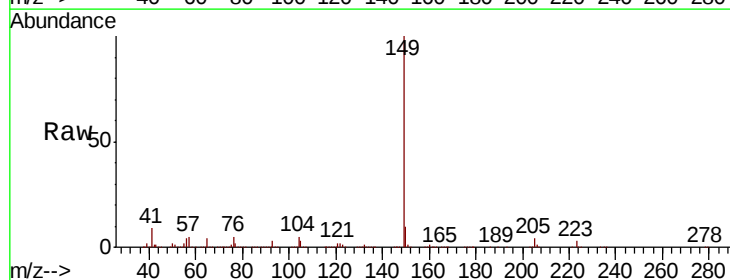
Ion	Ratio	Lower	Upper
167	100		
166	22.2	19.3	28.9
139	13.1	11.9	17.9

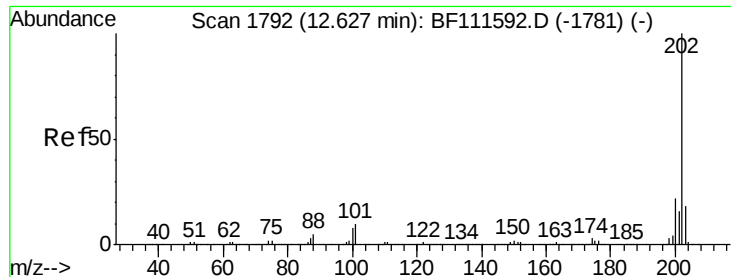


#74
 Di-n-butylphthalate
 Concen: 39.983 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BF111843.D
 Acq: 4 Jan 2019 14:34

Tgt Ion:149 Resp: 1899673

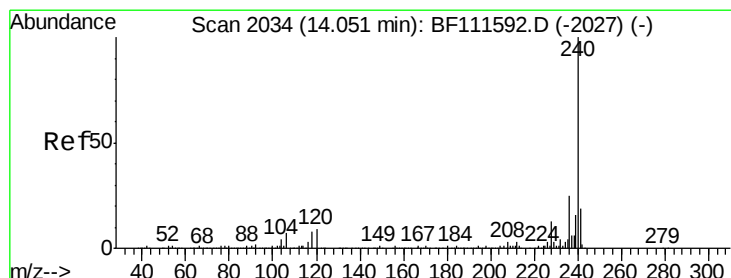
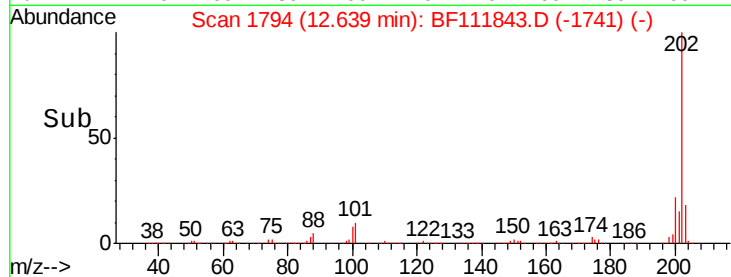
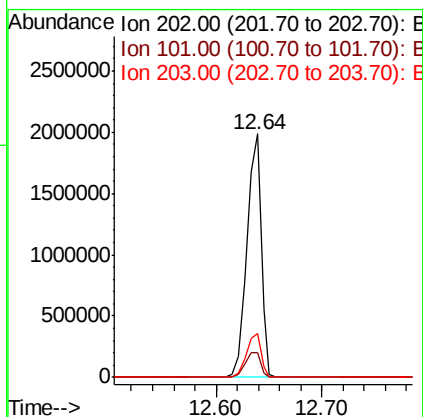
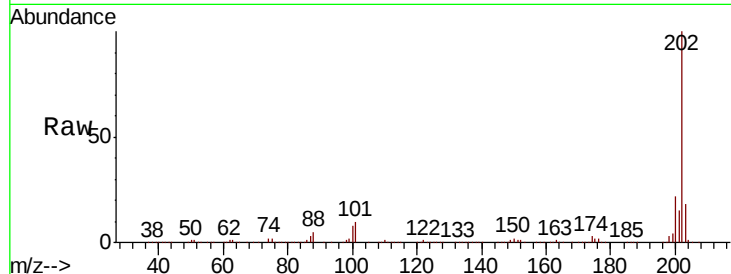
Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.8	13.2
104	5.0	4.5	6.7





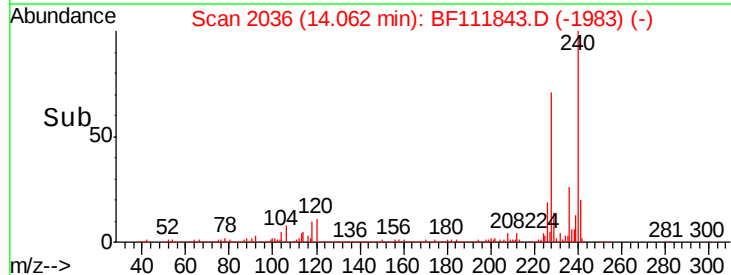
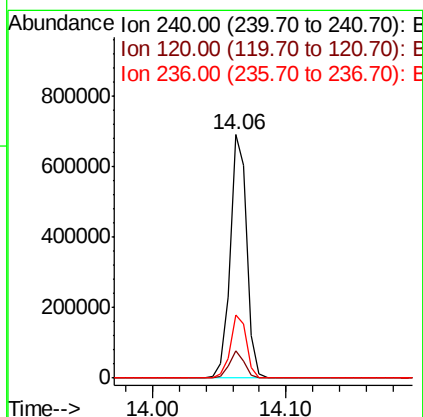
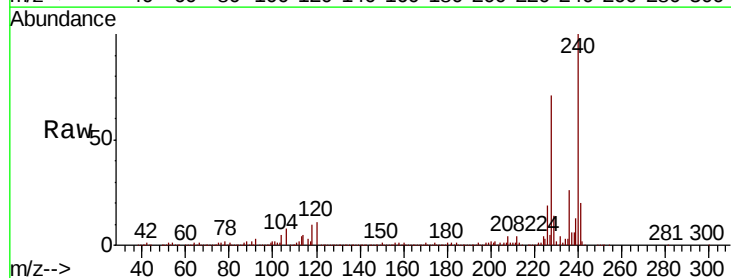
#75
Fluoranthene
Concen: 42.067 ng
RT: 12.64 min Scan# 1794
Delta R.T. 0.01 min
Lab File: BF111843.D
Acq: 4 Jan 2019 14:34

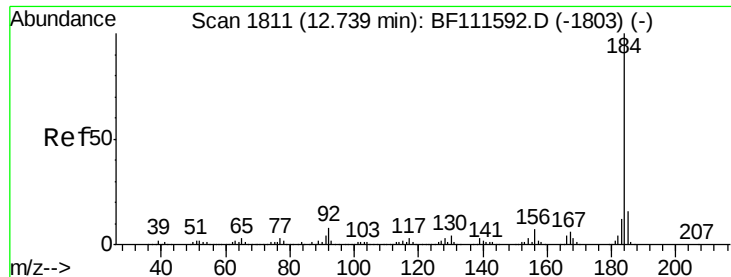
Tot Ion:202 Resp: 1852376
Ion Ratio Lower Upper
202 100
101 10.4 0.0 33.8
203 18.0 0.0 38.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF111843.D
Acq: 4 Jan 2019 14:34

Tgt Ion:240 Resp: 603892
Ion Ratio Lower Upper
240 100
120 11.2 12.2 18.2#
236 25.8 20.2 30.2





#77

Benzidine

Concen: 32.689 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.01 min

Lab File: BF111843.D

Acq: 4 Jan 2019 14:34

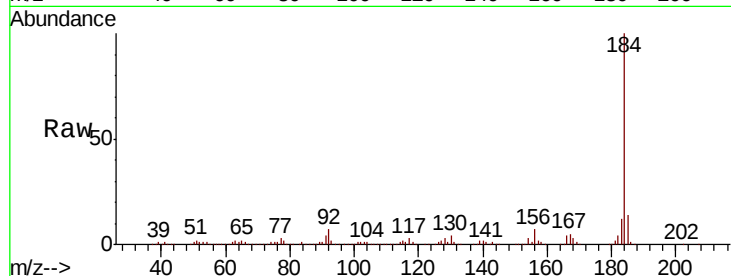
Tot Ion:184 Resp: 742822

Ion	Ratio	Lower	Upper
184	100		
185	14.3	13.0	19.6
183	12.3	9.3	13.9

184 100

185 14.3 13.0 19.6

183 12.3 9.3 13.9

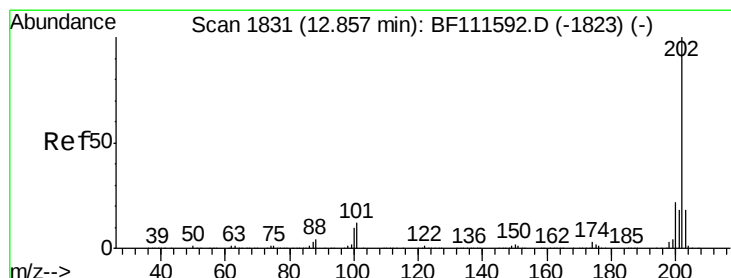
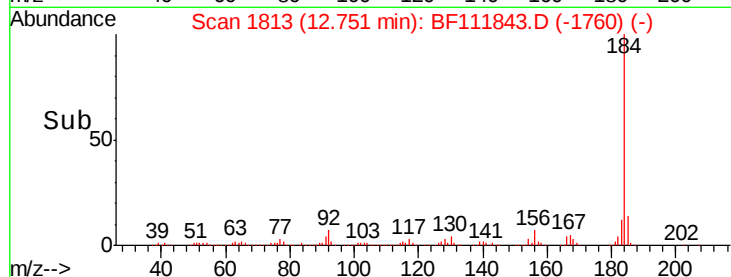
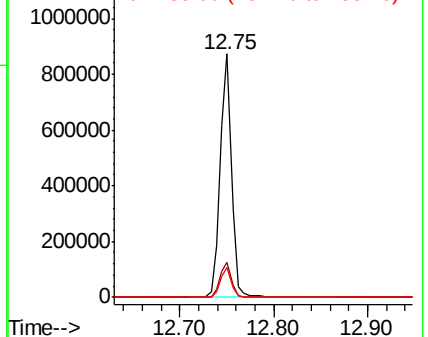


Abundance

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



#78

Pyrene

Concen: 43.250 ng

RT: 12.87 min Scan# 1833

Delta R.T. 0.01 min

Lab File: BF111843.D

Acq: 4 Jan 2019 14:34

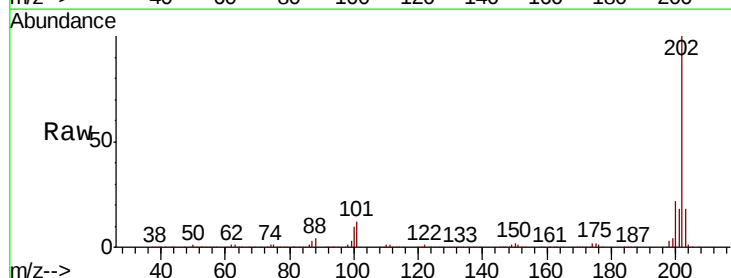
Tgt Ion:202 Resp: 1844418

Ion	Ratio	Lower	Upper
202	100		
200	22.4	19.0	28.4
203	18.1	15.2	22.8

202 100

200 22.4 19.0 28.4

203 18.1 15.2 22.8

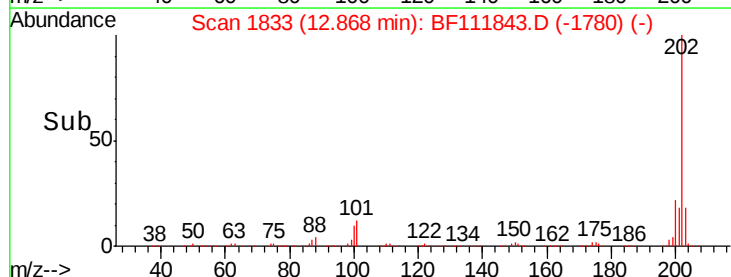
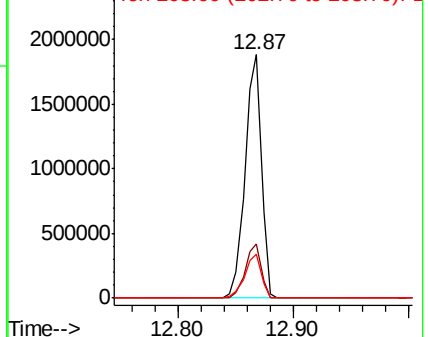


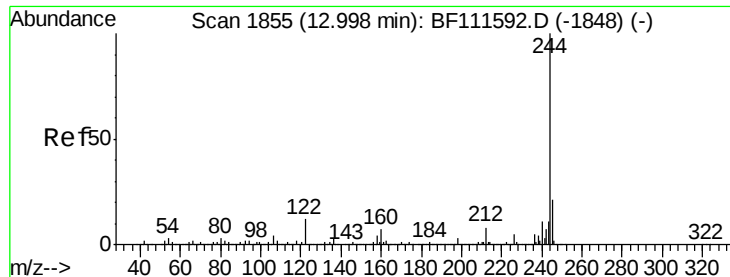
Abundance

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





#79

Terphenyl-d14

Concen: 70.642 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BF111843.D

Acq: 4 Jan 2019 14:34

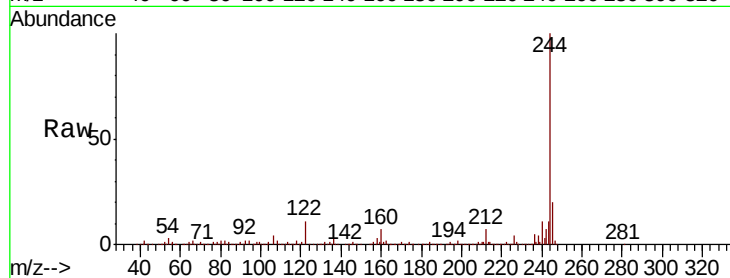
Tot Ion:244 Resp: 2249504

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	11.5	13.1	19.7

244 100

212 7.2 5.7 8.5

122 11.5 13.1 19.7

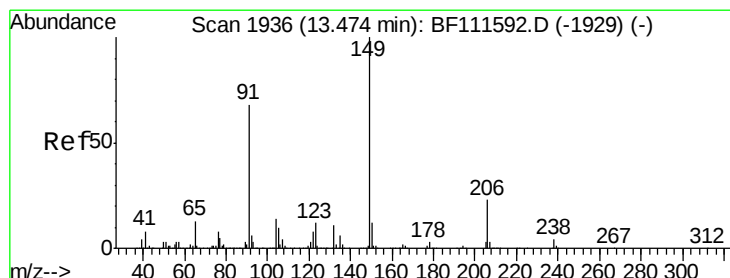
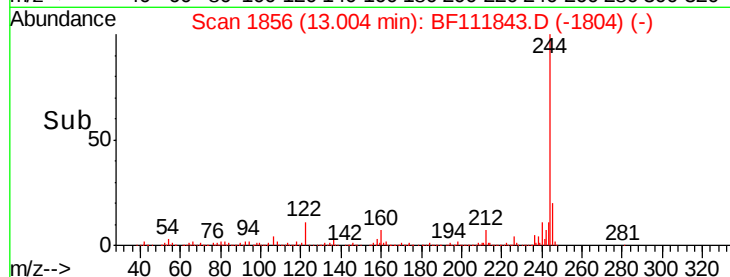
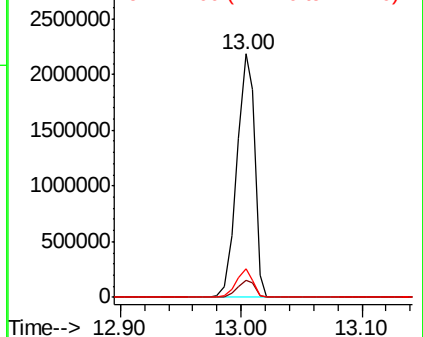


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.067 ng

RT: 13.47 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BF111843.D

Acq: 4 Jan 2019 14:34

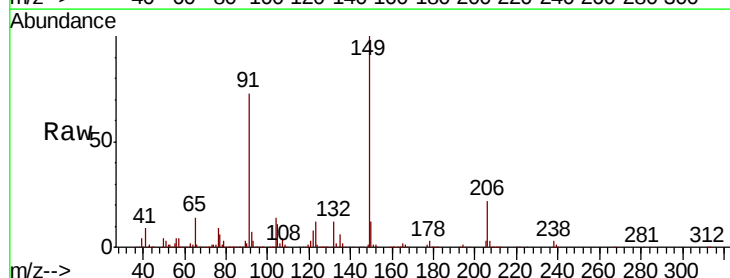
Tgt Ion:149 Resp: 766037

Ion	Ratio	Lower	Upper
149	100		
91	73.4	63.8	95.6
206	21.9	15.1	22.7

149 100

91 73.4 63.8 95.6

206 21.9 15.1 22.7

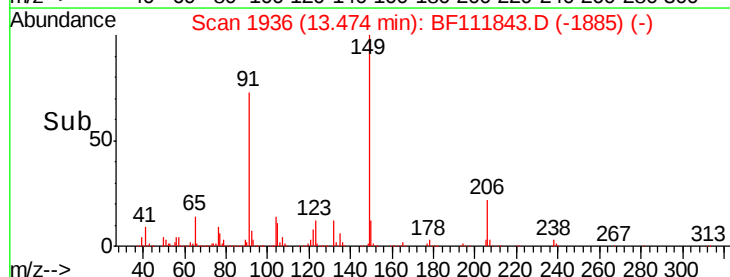
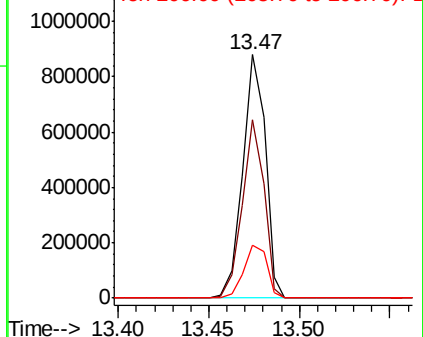


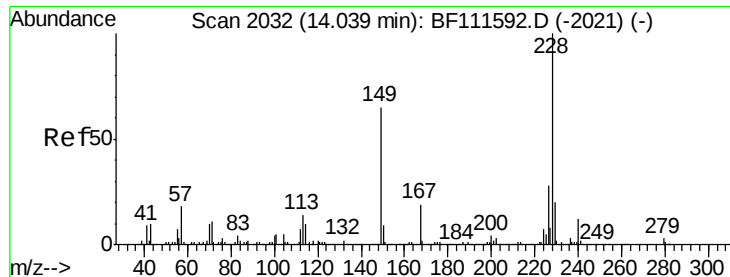
Abundance

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





#81

Benzo(a)anthracene

Concen: 43.945 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.01 min

Lab File: BF111843.D

Acq: 4 Jan 2019 14:34

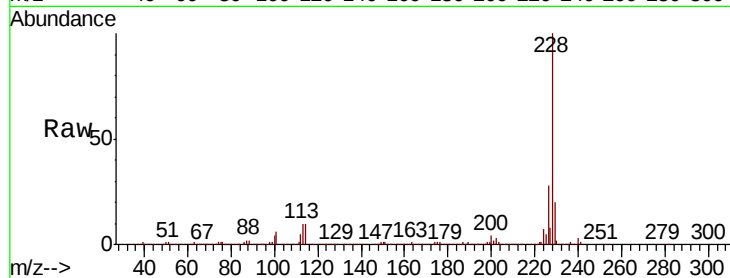
Tot Ion:228 Resp: 1514501

Ion Ratio Lower Upper

228 100

226 27.7 22.6 34.0

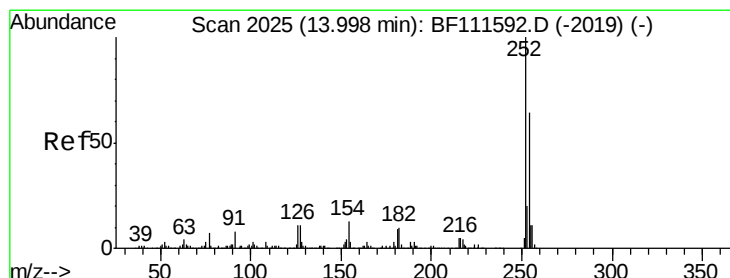
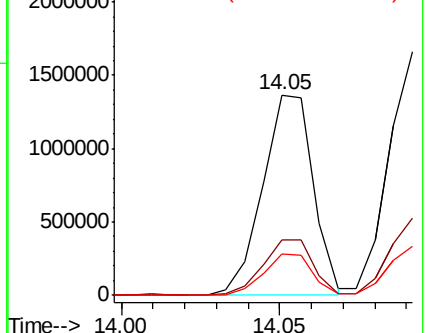
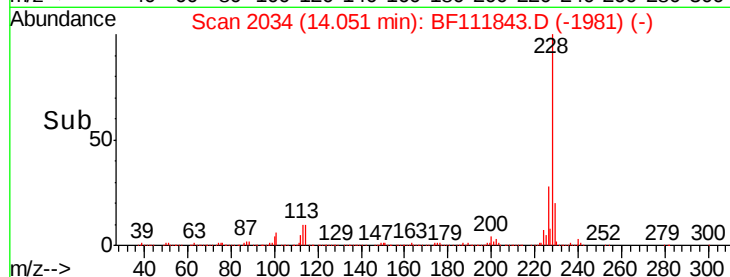
229 20.5 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 25.683 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF111843.D

Acq: 4 Jan 2019 14:34

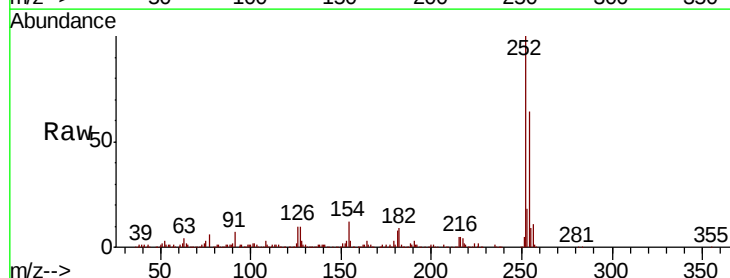
Tgt Ion:252 Resp: 349725

Ion Ratio Lower Upper

252 100

254 63.7 52.7 79.1

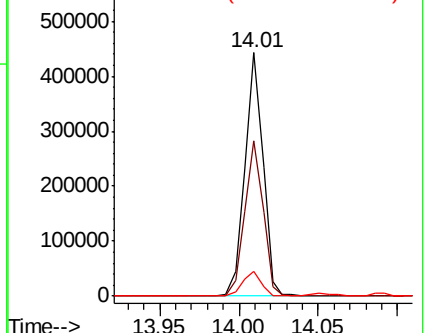
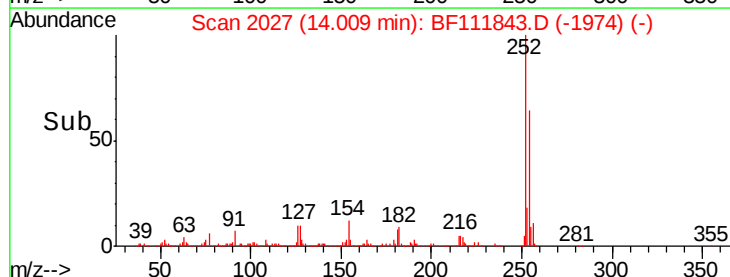
126 10.1 11.1 16.7#

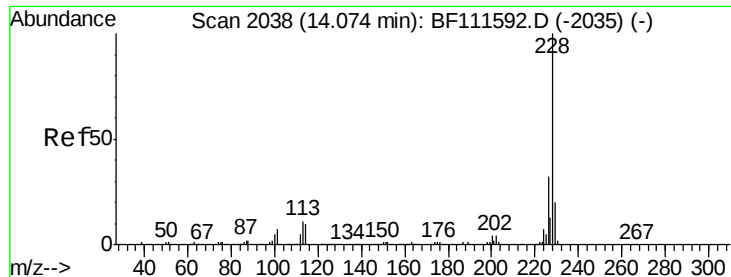


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

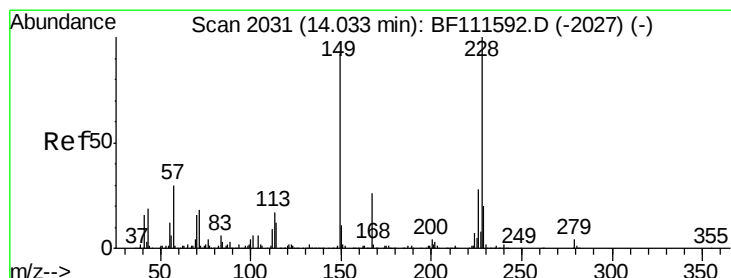
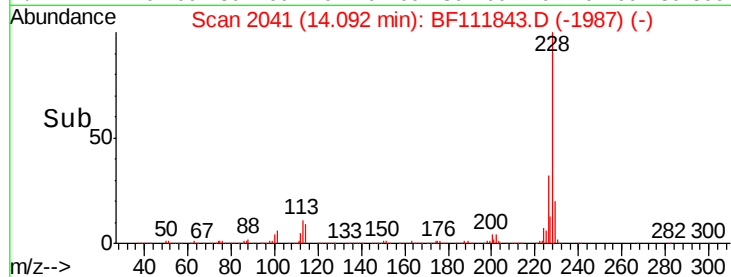
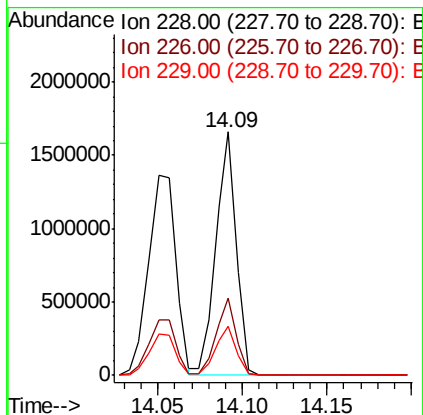
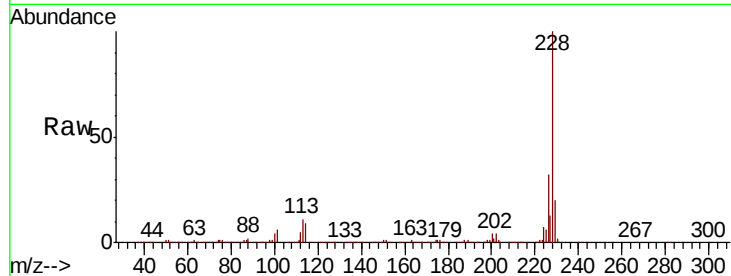
Ion 126.00 (125.70 to 126.70): E





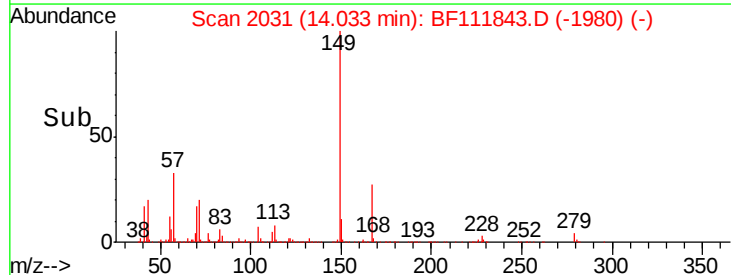
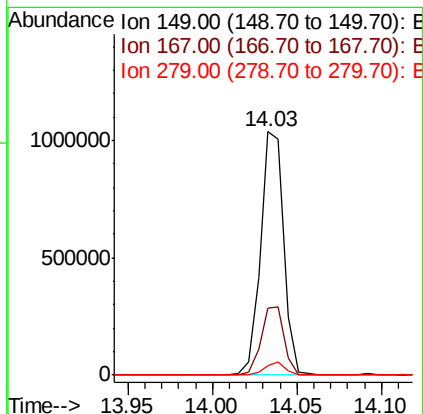
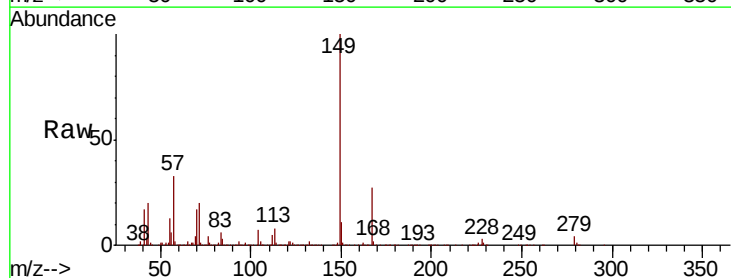
#83
 Chrysene
 Concen: 41.577 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. 0.02 min
 Lab File: BF111843.D
 Acq: 4 Jan 2019 14:34

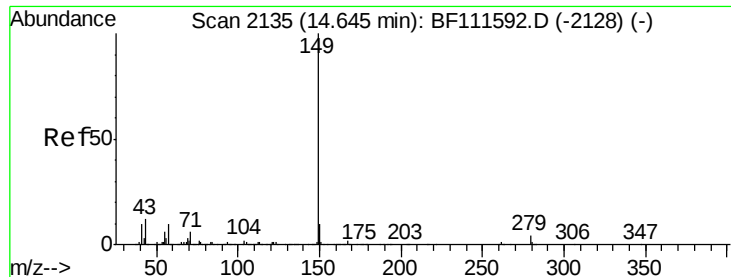
Tot Ion:228 Resp: 1408341
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.3 37.9
 229 20.2 17.2 25.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.040 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BF111843.D
 Acq: 4 Jan 2019 14:34

Tgt Ion:149 Resp: 986207
 Ion Ratio Lower Upper
 149 100
 167 27.3 22.5 33.7
 279 4.0 2.6 4.0#





#85

Di-n-octyl phthalate

Concen: 42.882 ng

RT: 14.65 min Scan# 2136

Delta R.T. 0.01 min

Lab File: BF111843.D

Acq: 4 Jan 2019 14:34

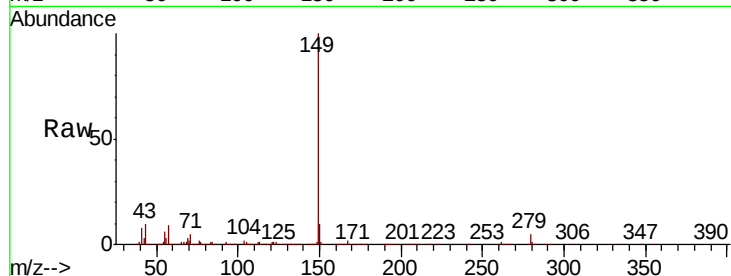
Tot Ion:149 Resp: 1454768

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

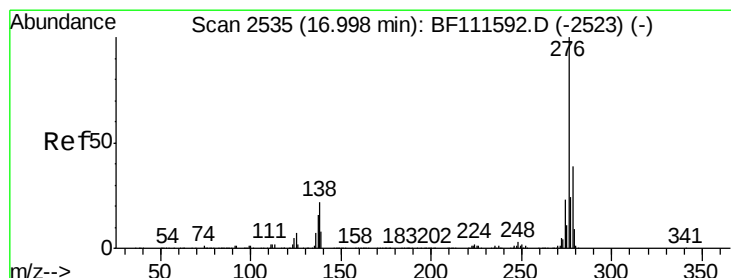
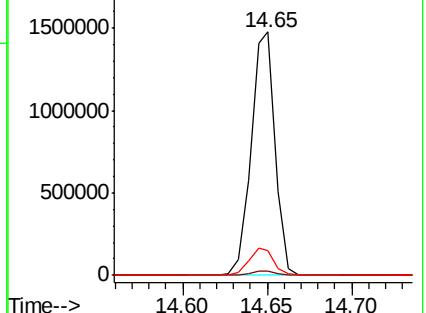
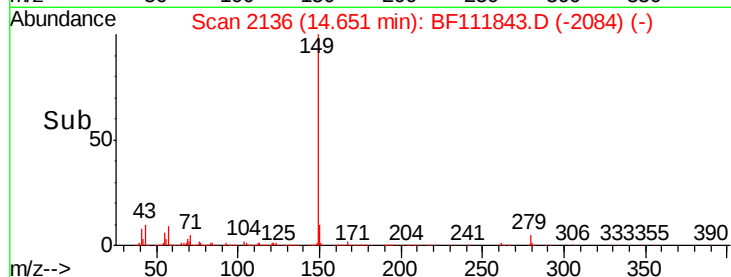
43 11.1 10.9 16.3



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 32.266 ng

RT: 17.05 min Scan# 2544

Delta R.T. 0.05 min

Lab File: BF111843.D

Acq: 4 Jan 2019 14:34

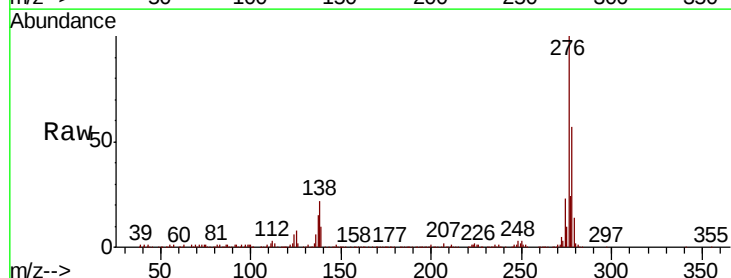
Tgt Ion:276 Resp: 929112

Ion Ratio Lower Upper

276 100

138 22.9 27.8 41.6#

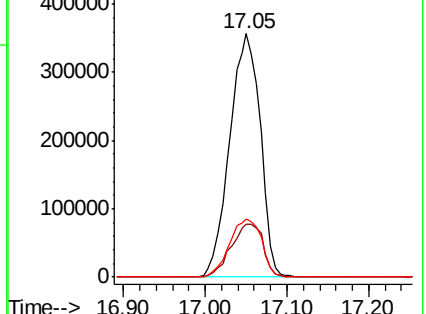
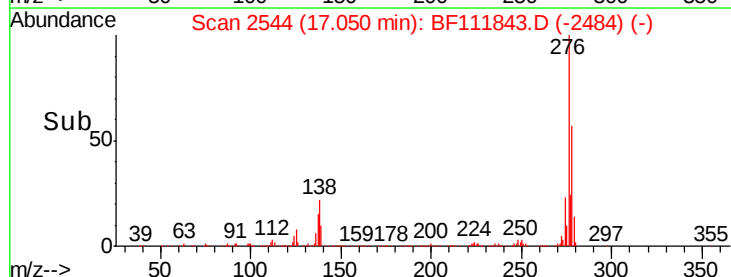
277 25.1 20.1 30.1

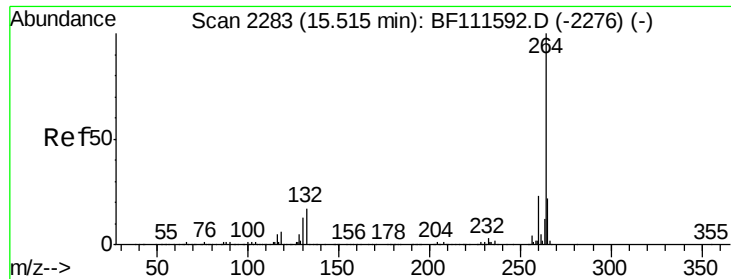


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

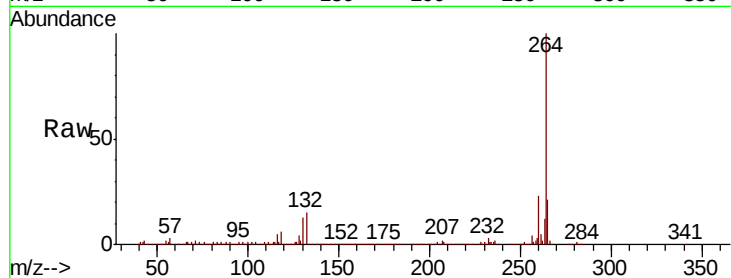
Ion 277.00 (276.70 to 277.70): E



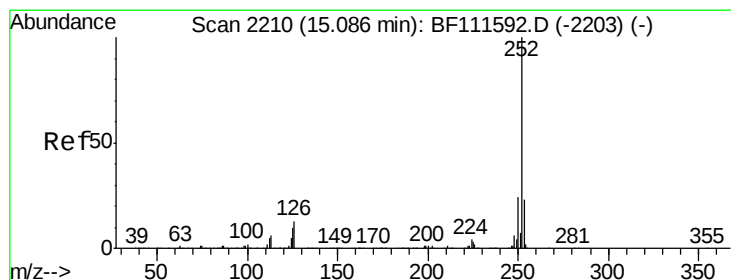
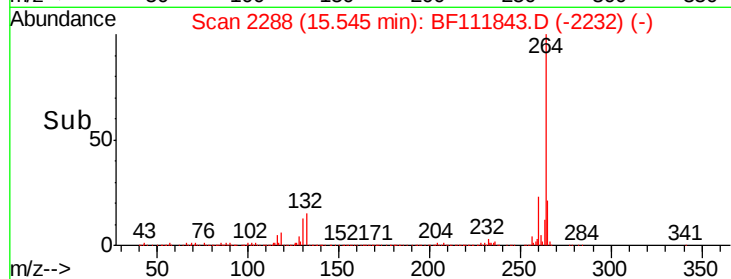
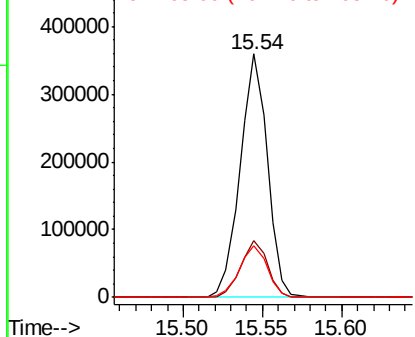


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.03 min
Lab File: BF111843.D
Acq: 4 Jan 2019 14:34

Tot Ion:264 Resp: 427853
Ion Ratio Lower Upper
264 100
260 23.4 18.3 27.5
265 21.0 17.7 26.5

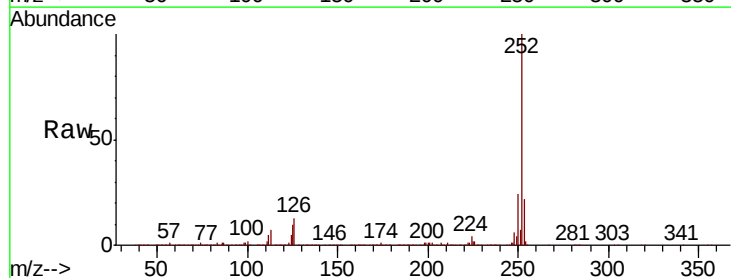


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

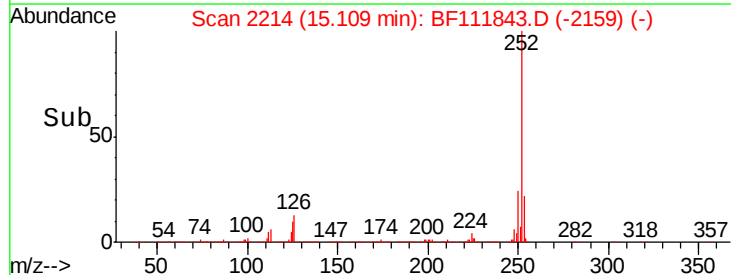
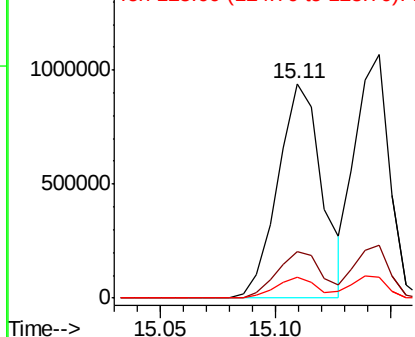


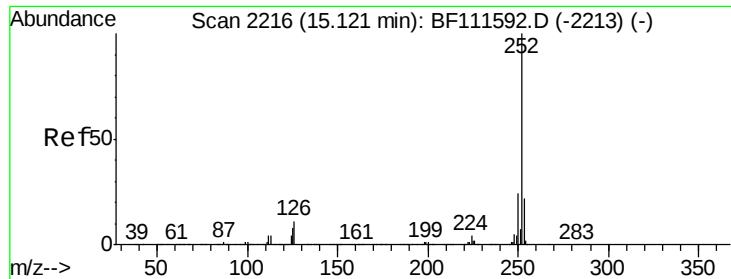
#88
Benzo(b)fluoranthene
Concen: 49.869 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.02 min
Lab File: BF111843.D
Acq: 4 Jan 2019 14:34

Tgt Ion:252 Resp: 1246991
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.2
125 9.9 10.4 15.6#



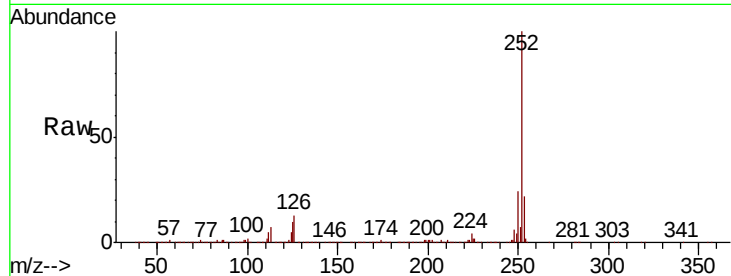
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



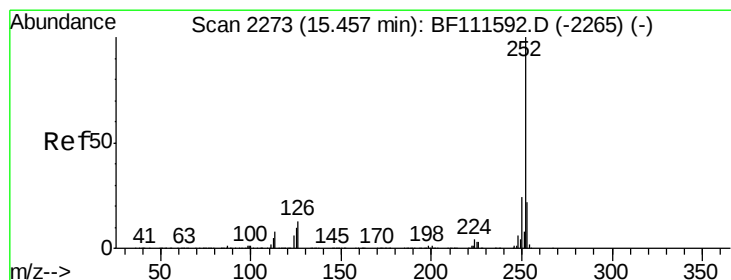
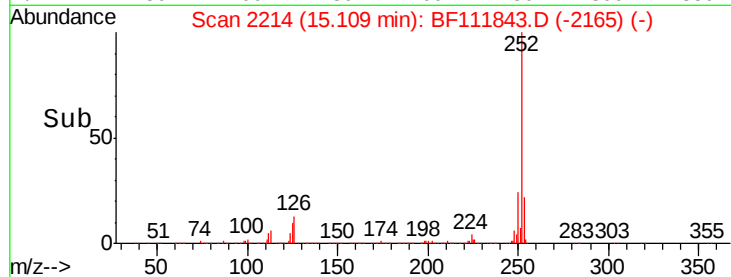
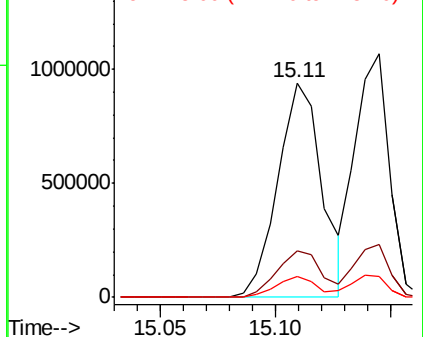


#89
Benzo(k)fluoranthene
Concen: 52.382 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF111843.D
Acq: 4 Jan 2019 14:34

Tot Ion:252 Resp: 1246991
Ion Ratio Lower Upper
252 100
253 21.7 18.1 27.1
125 9.9 9.8 14.8

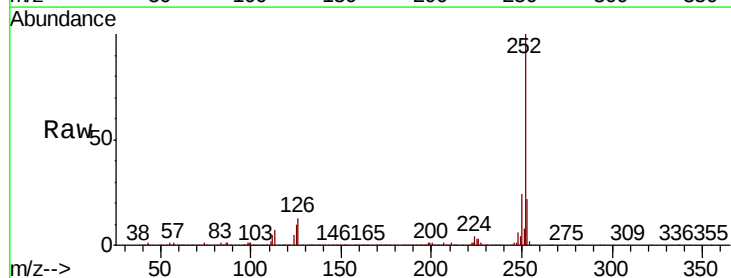


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

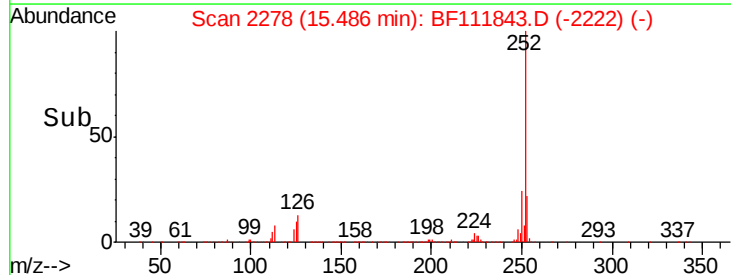
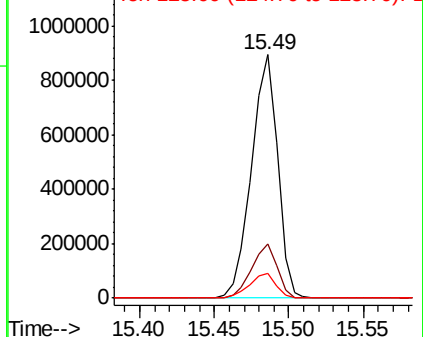


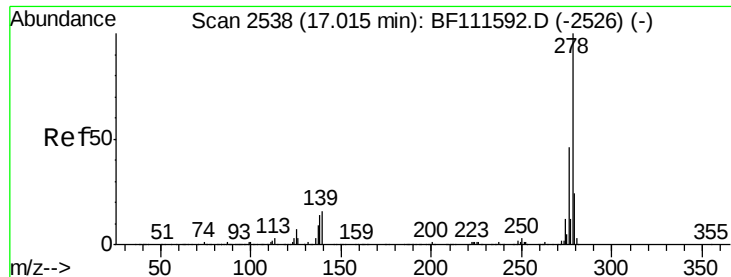
#90
Benzo(a)pyrene
Concen: 47.571 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.03 min
Lab File: BF111843.D
Acq: 4 Jan 2019 14:34

Tgt Ion:252 Resp: 1080692
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 10.2 12.3 18.5#



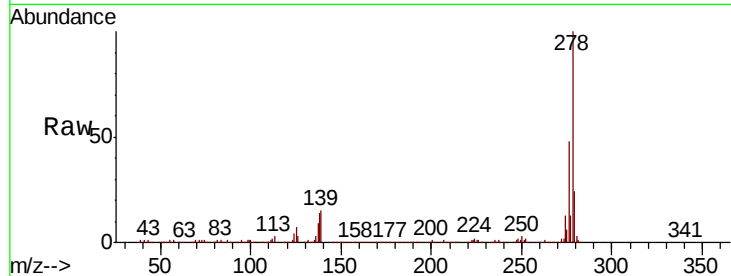
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



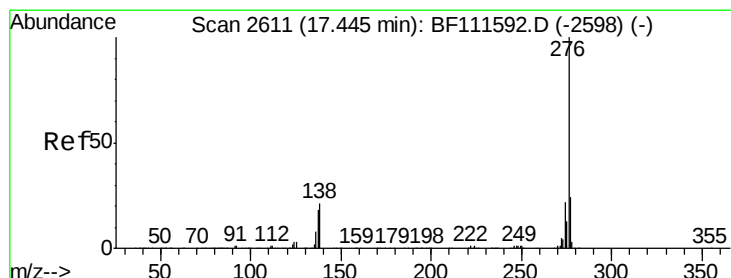
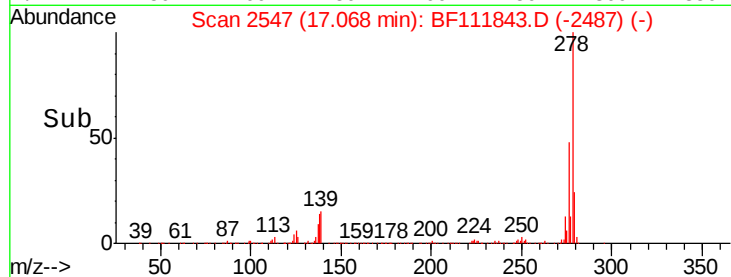
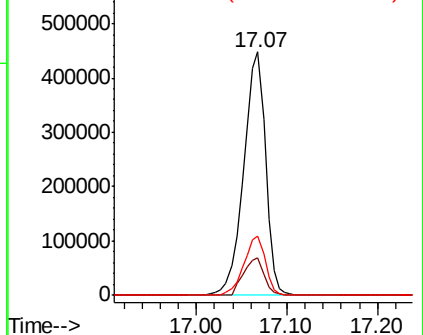


#91
Dibenzo(a,h)anthracene
Concen: 37.677 ng
RT: 17.07 min Scan# 2547
Delta R.T. 0.05 min
Lab File: BF111843.D
Acq: 4 Jan 2019 14:34

Tot Ion:278 Resp: 749512
Ion Ratio Lower Upper
278 100
139 15.3 18.2 27.4#
279 24.3 19.0 28.6

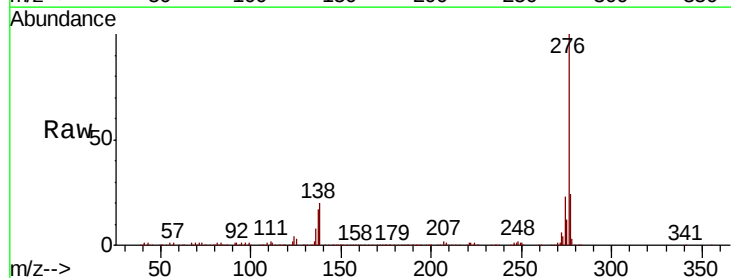


Abundance Ion 278.00 (277.70 to 278.70): E
600000 Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 38.211 ng
RT: 17.50 min Scan# 2621
Delta R.T. 0.06 min
Lab File: BF111843.D
Acq: 4 Jan 2019 14:34

Tgt Ion:276 Resp: 742249
Ion Ratio Lower Upper
276 100
277 23.9 19.2 28.8
138 19.6 24.9 37.3#



Abundance Ion 276.00 (275.70 to 276.70): E
400000 Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

