

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091218\
 Data File : BF108954.D
 Acq On : 12 Sep 2018 17:12
 Operator : JU/SJ
 Sample : J4856-06MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 12 18:04:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	155395	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	595568	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	290691	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	553633	20.00	ng	0.00
75) Chrysene-d12	13.87	240	337116	20.00	ng	0.00
86) Perylene-d12	15.28	264	354175	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	792316	84.47	ng	0.02
7) Phenol-d6	6.37	99	1018684	84.41	ng	0.00
23) Nitrobenzene-d5	7.30	82	649912	68.29	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	281360	101.39	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1096972	64.38	ng	0.00
78) Terphenyl-d14	12.82	244	1071275	74.10	ng	0.00

Target Compounds

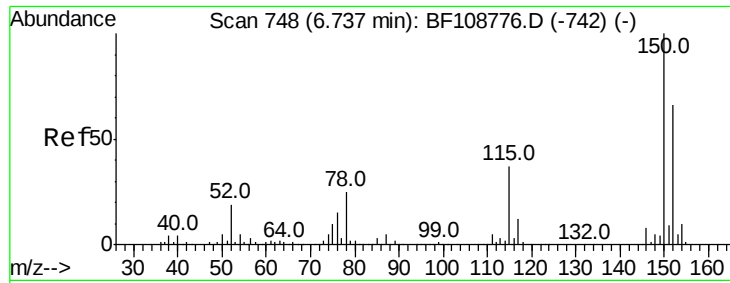
						Qvalue
2) 1,4-Dioxane	2.47	88	107964	23.950	ng	94
3) Pyridine	3.19	79	263072	21.309	ng	88
4) n-Nitrosodimethylamine	3.11	42	137520	29.002	ng	# 98
6) Aniline	6.40	93	349503	21.531	ng	99
8) 2-Chlorophenol	6.52	128	303249	29.208	ng	95
9) Benzaldehyde	6.28	77	146920	17.160	ng	99
10) Phenol	6.38	94	383770	27.763	ng	90
11) bis(2-Chloroethyl)ether	6.47	93	292729	26.435	ng	98
12) 1,3-Dichlorobenzene	6.68	146	326072	27.521	ng	99
13) 1,4-Dichlorobenzene	6.75	146	334467	28.229	ng	98
14) 1,2-Dichlorobenzene	6.91	146	310080	28.393	ng	99
15) Benzyl Alcohol	6.88	79	267711	28.904	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	426985	25.795	ng	96
17) 2-Methylphenol	7.00	107	246856	28.134	ng	99
18) Hexachloroethane	7.25	117	118389	27.712	ng	97
19) n-Nitroso-di-n-propylamine	7.15	70	213101	25.402	ng	96
20) 3+4-Methylphenols	7.15	107	299728	29.161	ng	# 68
22) Acetophenone	7.14	105	402931	29.810	ng	# 93
24) Nitrobenzene	7.31	77	326282	31.954	ng	98
25) Isophorone	7.55	82	587827	30.966	ng	96
26) 2-Nitrophenol	7.63	139	152789	37.980	ng	97
27) 2,4-Dimethylphenol	7.68	122	271451	33.228	ng	96
28) bis(2-Chloroethoxy)methane	7.77	93	370842	29.219	ng	99
29) 2,4-Dichlorophenol	7.88	162	255599	30.343	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	262187	28.720	ng	97
31) Naphthalene	8.04	128	863774	32.237	ng	100
32) Benzoic acid	7.74	122	27601	9.327	ng	97
33) 4-Chloroaniline	8.08	127	248602	20.202	ng	99
34) Hexachlorobutadiene	8.17	225	153608	28.166	ng	99
35) Caprolactam	8.44	113	76408m	26.769	ng	
36) 4-Chloro-3-methylphenol	8.57	107	268542	29.926	ng	98
37) 2-Methylnaphthalene	8.73	142	573370	32.391	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	251574	28.951	ng	99
40) Hexachlorocyclopentadiene	8.89	237	276342	63.214	ng	98

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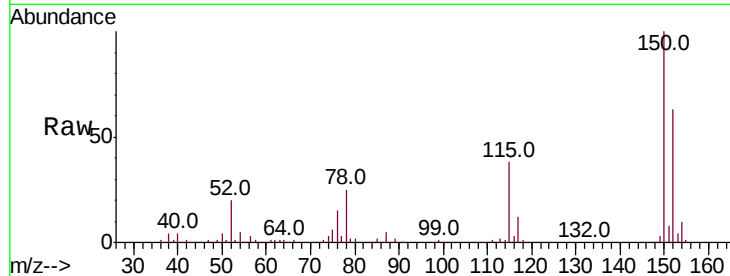
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	185179	31.287	nq	98
43) 2,4,5-Trichlorophenol	9.05	196	197245	32.150	nq	95
45) 1,1'-Biphenyl	9.20	154	684303	30.578	nq	98
46) 2-Chloronaphthalene	9.22	162	539022	29.782	nq	96
47) 2-Nitroaniline	9.31	65	170408	34.465	nq	96
48) Acenaphthylene	9.63	152	868242	32.183	nq	99
49) Dimethylphthalate	9.50	163	895368	44.038	nq	99
50) 2,6-Dinitrotoluene	9.55	165	140192	36.186	nq	89
51) Acenaphthene	9.80	154	539389	32.309	nq	98
52) 3-Nitroaniline	9.71	138	126285	27.383	nq	95
53) 2,4-Dinitrophenol	9.82	184	73569	54.984	nq	# 14
54) Dibenzofuran	9.97	168	747833	30.730	nq	97
55) 4-Nitrophenol	9.88	139	223397	64.796	nq	97
56) 2,4-Dinitrotoluene	9.95	165	186198	37.581	nq	# 93
57) Fluorene	10.31	166	559440	35.823	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	163426	33.031	nq	89
59) Diethylphthalate	10.20	149	622169	29.653	nq	96
60) 4-Chlorophenyl-phenylether	10.31	204	266890	31.999	nq	95
61) 4-Nitroaniline	10.32	138	143578	34.366	nq	97
62) Azobenzene	10.47	77	628037	28.998	nq	97
64) 4,6-Dinitro-2-methylphenol	10.36	198	65266	32.556	nq	82
65) n-Nitrosodiphenylamine	10.42	169	536134	29.126	nq	96
66) 4-Bromophenyl-phenylether	10.80	248	178895	28.609	nq	# 89
67) Hexachlorobenzene	10.87	284	191264	28.653	nq	# 88
68) Atrazine	10.95	200	178863	30.354	nq	96
69) Pentachlorophenol	11.05	266	190935	46.786	nq	98
70) Phenanthrene	11.27	178	855347	32.352	nq	99
71) Anthracene	11.32	178	880278	34.775	nq	99
72) Carbazole	11.47	167	770712	28.911	nq	99
73) Di-n-butylphthalate	11.81	149	955533	32.277	nq	100
74) Fluoranthene	12.45	202	856315	32.713	nq	96
76) Benzidine	12.57	184	290827	18.202	nq	98
77) Pyrene	12.68	202	853185	32.890	nq	100
79) Butylbenzylphthalate	13.30	149	350438	29.999	nq	96
80) Benzo(a)anthracene	13.86	228	620940	28.736	nq	100
81) 3,3'-Dichlorobenzidine	13.82	252	176618	20.979	nq	# 95
82) Chrysene	13.89	228	602990	28.826	nq	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	419057	28.545	nq	99
84) Di-n-octyl phthalate	14.47	149	693177	28.322	nq	98
85) Indeno(1,2,3-cd)pyrene	16.64	276	715879	38.670	nq	94
87) Benzo(b)fluoranthene	14.88	252	546986	28.402	nq	98
88) Benzo(k)fluoranthene	14.91	252	539200m	30.403	nq	
89) Benzo(a)pyrene	15.22	252	548289	31.552	nq	99
90) Dibenzo(a,h)anthracene	16.65	278	596554	38.960	nq	96
91) Benzo(g,h,i)perylene	17.05	276	616515	40.213	nq	94

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

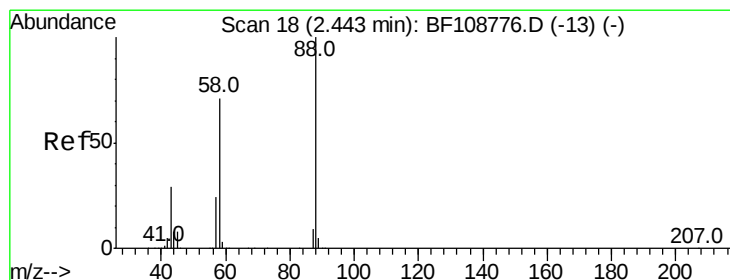
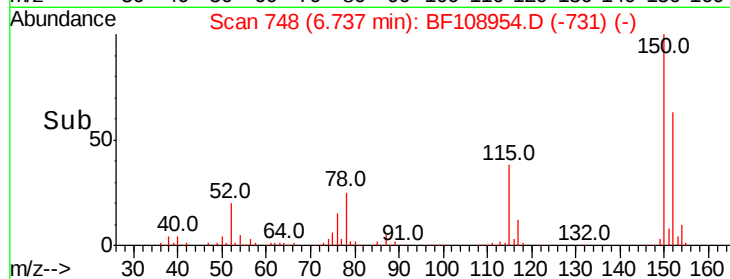
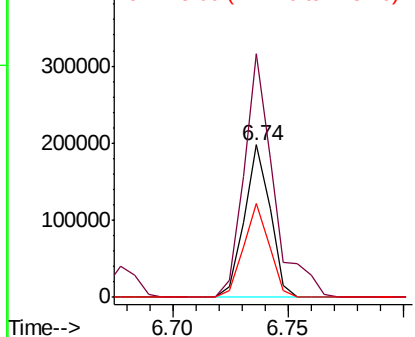


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF108954.D
 Acq: 12 Sep 2018 17:12

Tot Ion:152 Resp: 155395
 Ion Ratio Lower Upper
 152 100
 150 159.5 124.6 186.8
 115 61.1 50.1 75.1

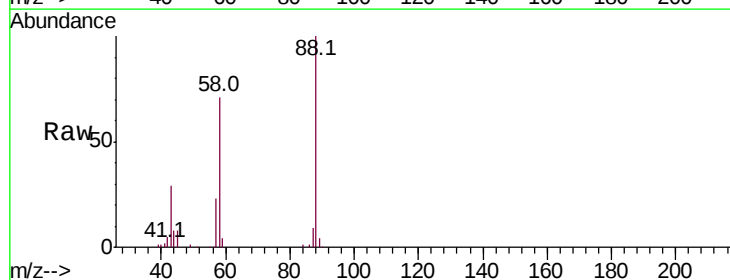


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

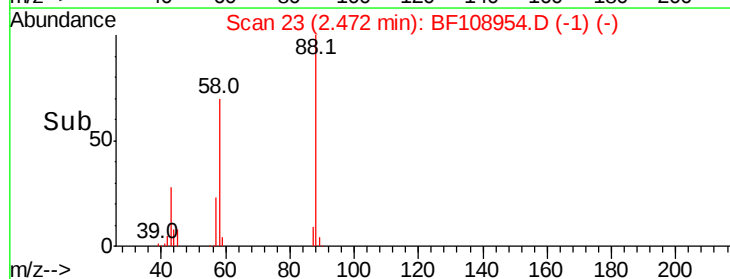
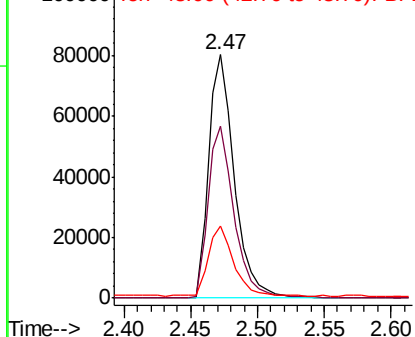


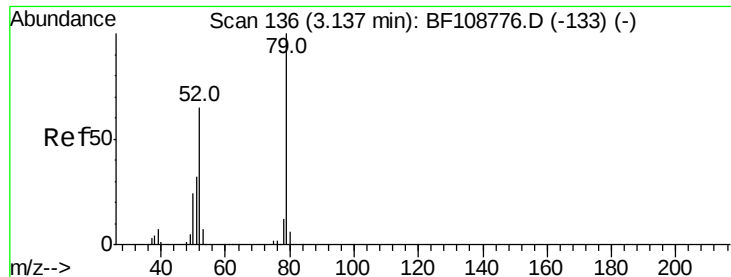
#2
 1,4-Dioxane
 Concen: 23.950 ng
 RT: 2.47 min Scan# 23
 Delta R.T. 0.03 min
 Lab File: BF108954.D
 Acq: 12 Sep 2018 17:12

Tgt Ion: 88 Resp: 107964
 Ion Ratio Lower Upper
 88 100
 58 71.7 62.6 93.8
 43 29.3 24.6 37.0



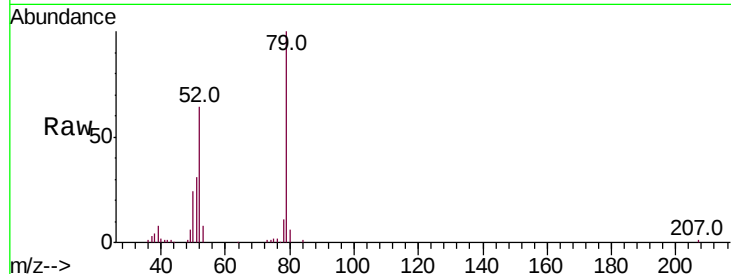
Abundance Ion 88.00 (87.70 to 88.70): BF1
 Ion 58.00 (57.70 to 58.70): BF1
 Ion 43.00 (42.70 to 43.70): BF1



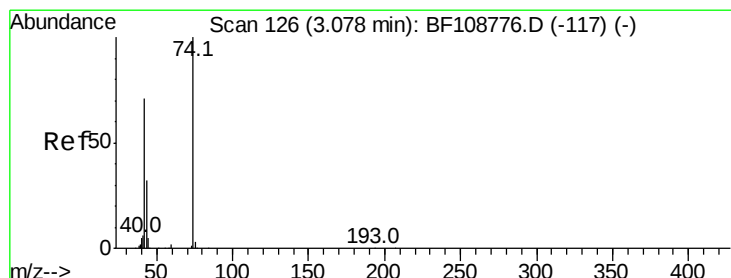
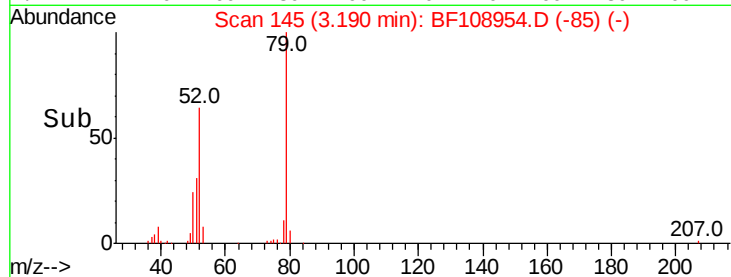
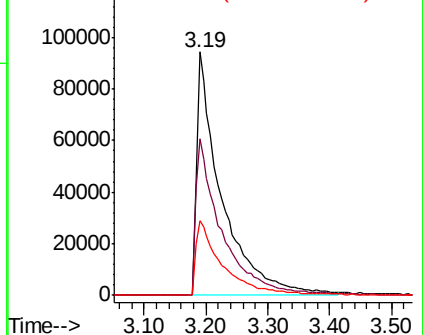


#3
 Pvridine
 Concen: 21.309 ng
 RT: 3.19 min Scan# 145
 Delta R.T. 0.05 min
 Lab File: BF108954.D
 Acq: 12 Sep 2018 17:12

Tot Ion	Ratio	Lower	Upper
79	100		
52	64.3	59.8	89.6
51	30.7	29.8	44.8

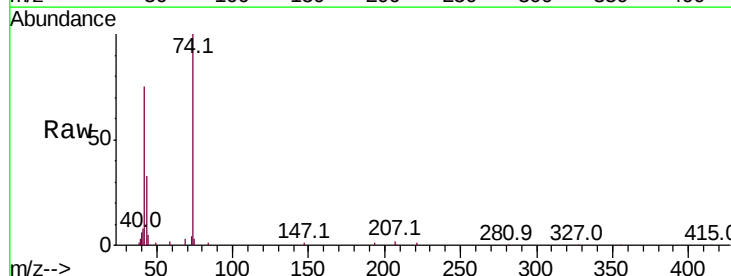


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

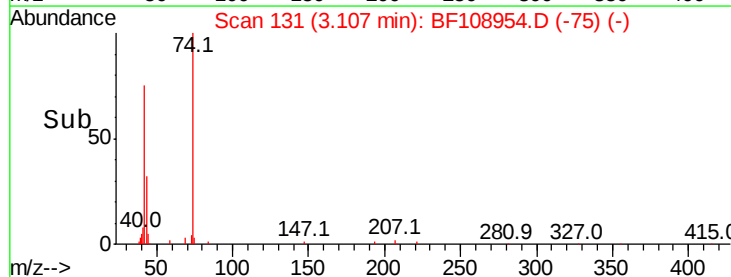
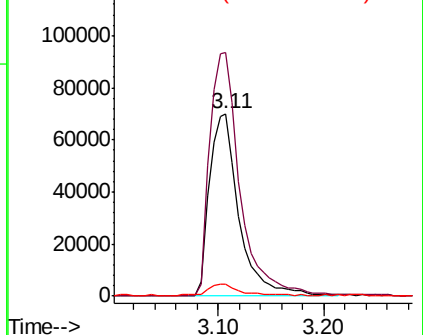


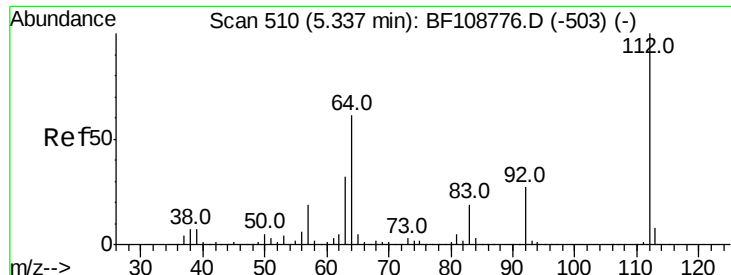
#4
 n-Nitrosodimethylamine
 Concen: 29.002 ng
 RT: 3.11 min Scan# 131
 Delta R.T. 0.03 min
 Lab File: BF108954.D
 Acq: 12 Sep 2018 17:12

Tgt Ion	Ratio	Lower	Upper
42	100		
74	133.5	104.9	157.3
44	6.7	6.9	10.3#



Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 84.469 ng

RT: 5.35 min Scan# 513

Delta R.T. 0.02 min

Lab File: BF108954.D

Acq: 12 Sep 2018 17:12

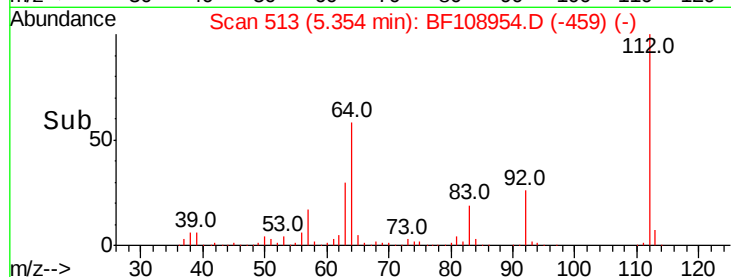
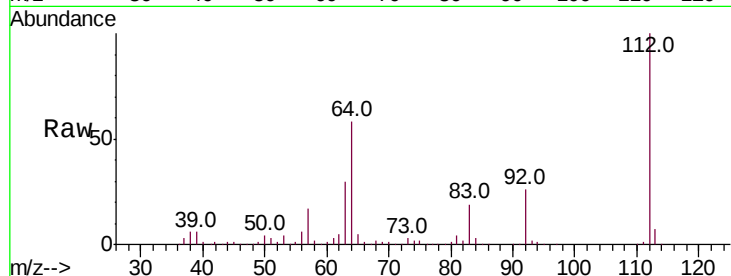
Tot Ion: 112 Resp: 792316

Ion Ratio Lower Upper

112 100

64 57.9 47.9 71.9

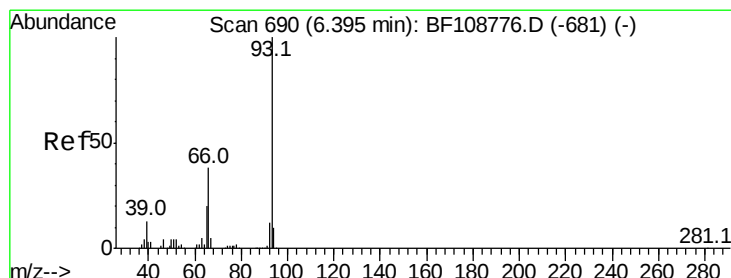
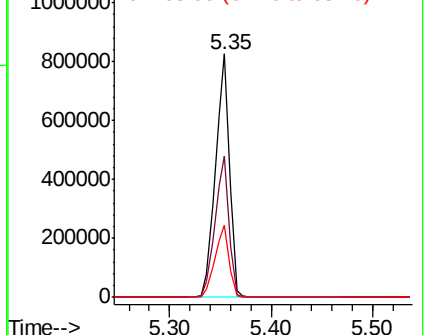
63 29.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.531 ng

RT: 6.40 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF108954.D

Acq: 12 Sep 2018 17:12

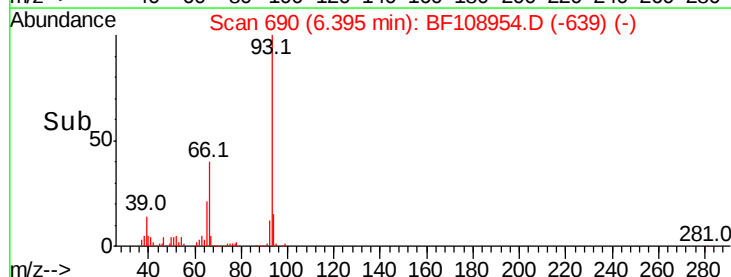
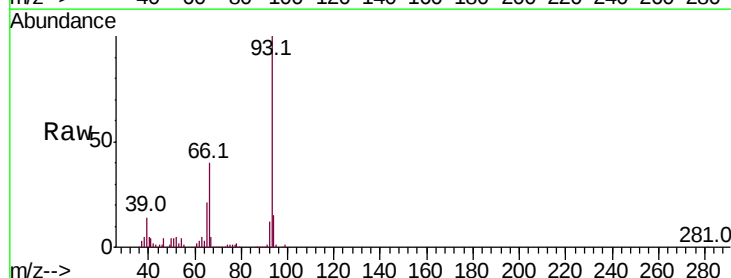
Tgt Ion: 93 Resp: 349503

Ion Ratio Lower Upper

93 100

66 39.8 32.2 48.2

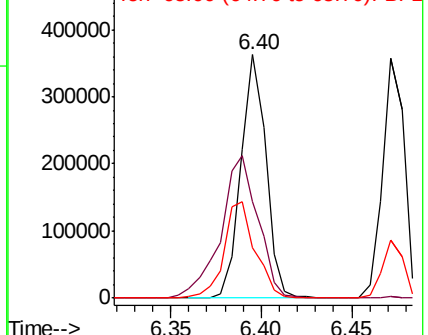
65 20.9 16.4 24.6

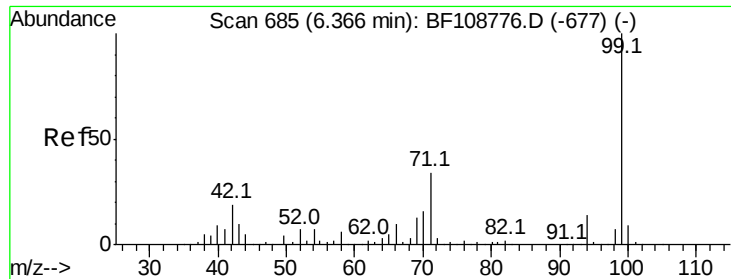


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 84.406 ng

RT: 6.37 min Scan# 686

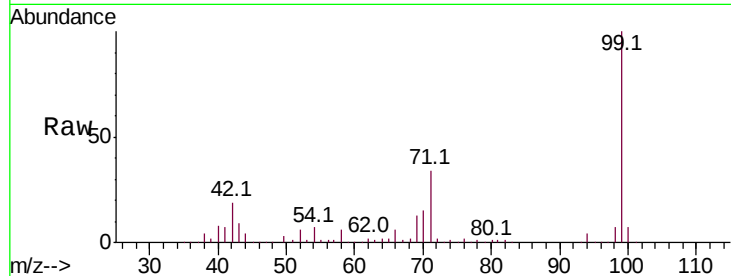
Delta R.T. 0.01 min

Lab File: BF108954.D

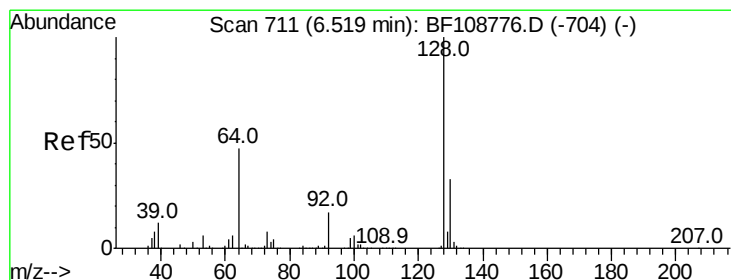
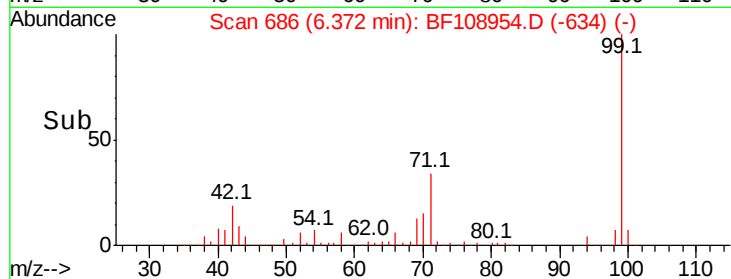
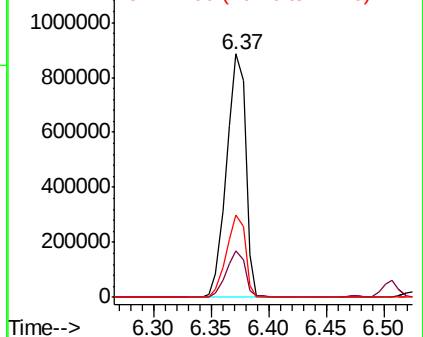
Acq: 12 Sep 2018 17:12

Tot Ion: 99 Resp: 1018684

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	34.1	25.4	38.0



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



#8

2-Chlorophenol

Concen: 29.208 ng

RT: 6.52 min Scan# 712

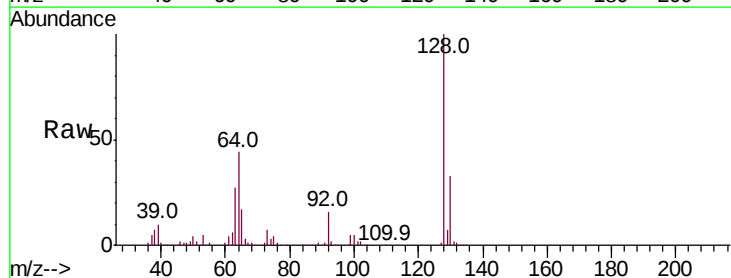
Delta R.T. 0.01 min

Lab File: BF108954.D

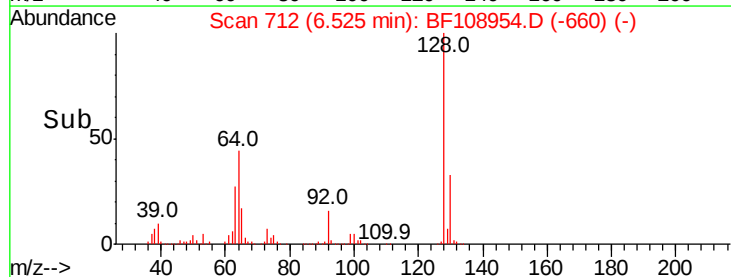
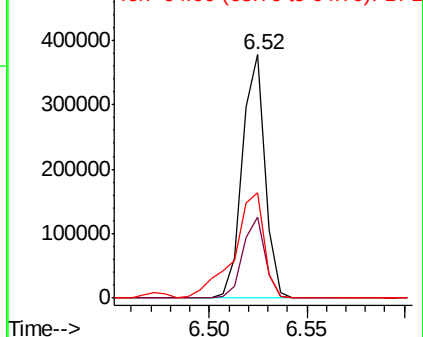
Acq: 12 Sep 2018 17:12

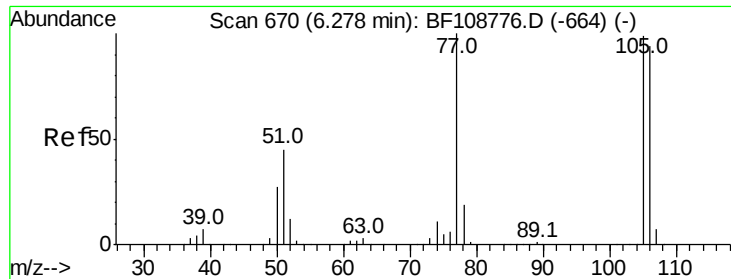
Tgt Ion: 128 Resp: 303249

Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.0	53.0
64	43.5	29.4	69.4



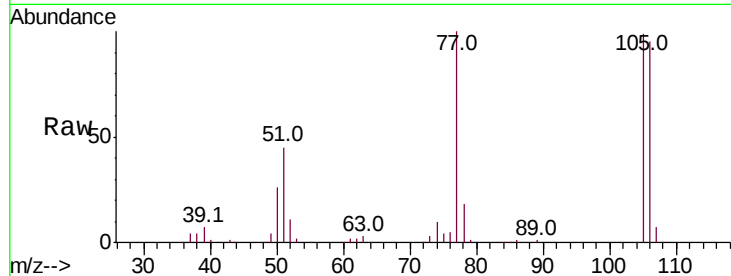
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1



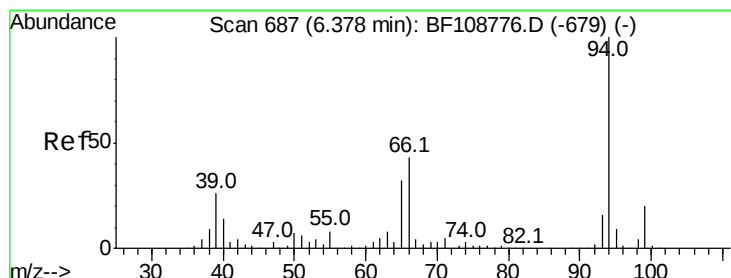
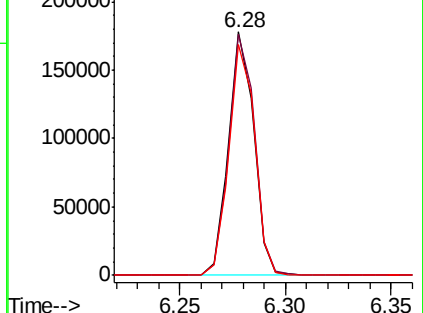
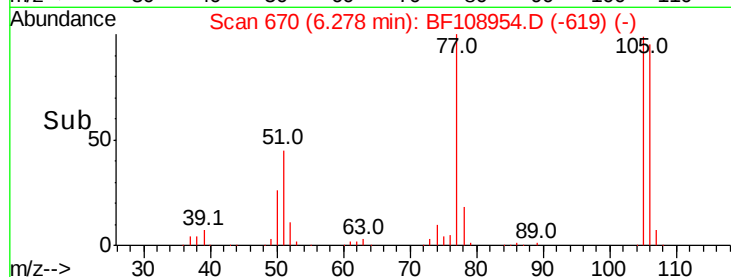


#9
Benzaldehyde
Concen: 17.160 ng
RT: 6.28 min Scan# 670
Delta R.T. -0.00 min
Lab File: BF108954.D
Acq: 12 Sep 2018 17:12

Tot Ion: 77 Resp: 146920
Ion Ratio Lower Upper
77 100
105 99.1 81.1 121.1
106 94.9 74.5 114.5

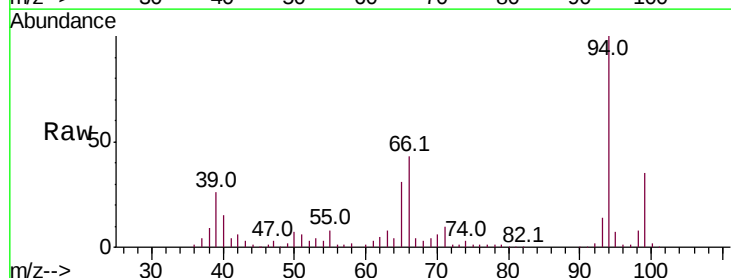


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

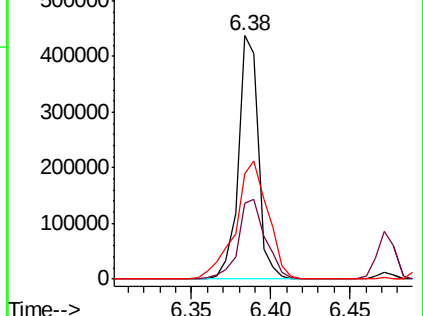
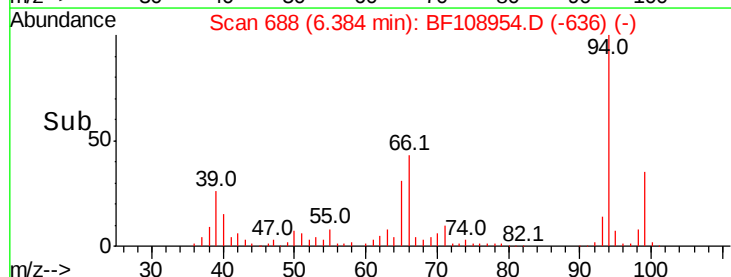


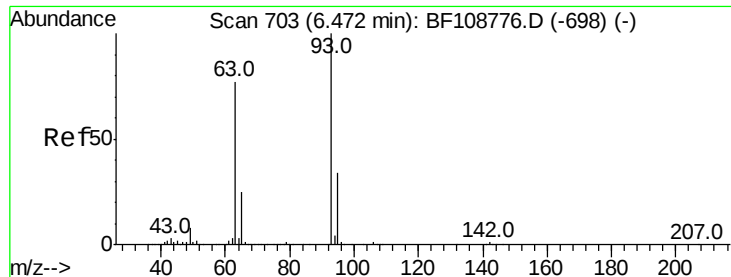
#10
Phenol
Concen: 27.763 ng
RT: 6.38 min Scan# 688
Delta R.T. 0.01 min
Lab File: BF108954.D
Acq: 12 Sep 2018 17:12

Tgt Ion: 94 Resp: 383770
Ion Ratio Lower Upper
94 100
65 31.1 7.9 47.9
66 43.4 16.2 56.2



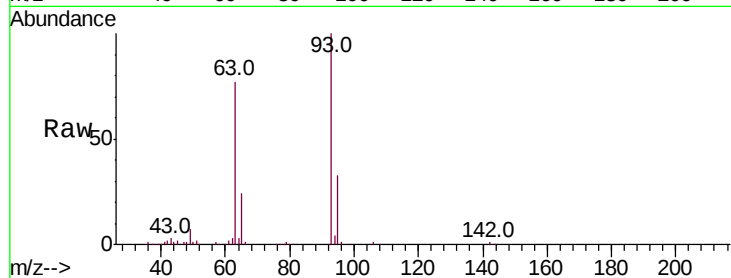
Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



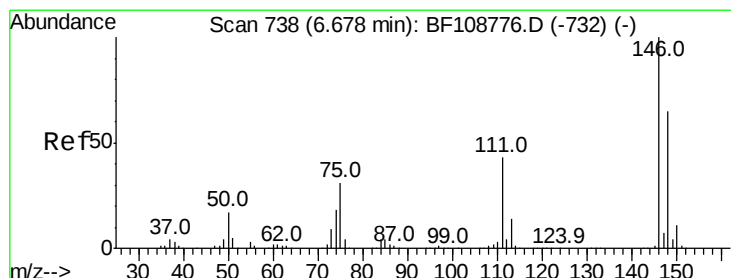
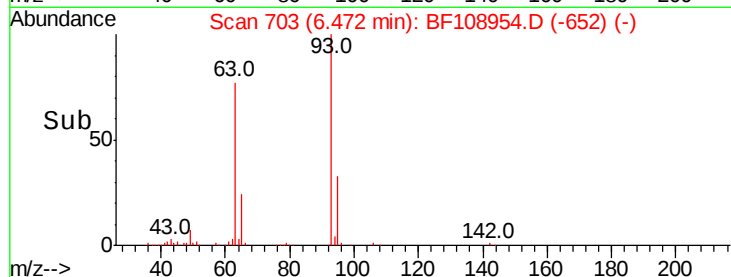
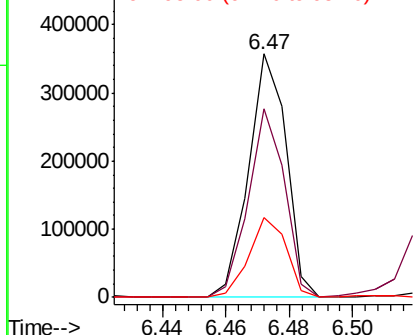


#11
bis(2-Chloroethyl)ether
Concen: 26.435 ng
RT: 6.47 min Scan# 703
Delta R.T. -0.00 min
Lab File: BF108954.D
Acq: 12 Sep 2018 17:12

Tot Ion:	93	Resp:	292729
Ion	Ratio	Lower	Upper
93	100		
63	77.4	58.6	98.6
95	32.8	11.8	51.8

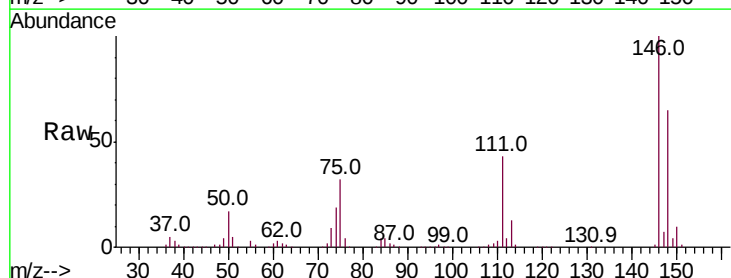


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

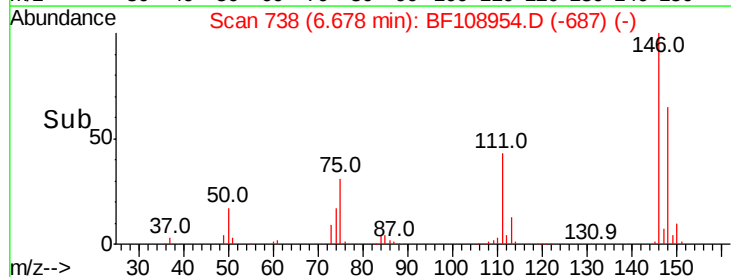
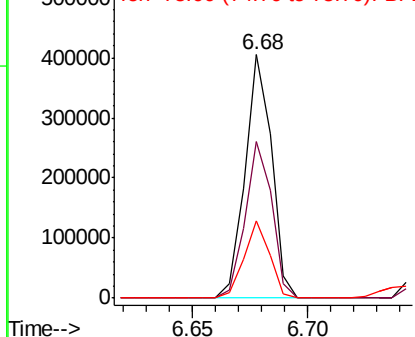


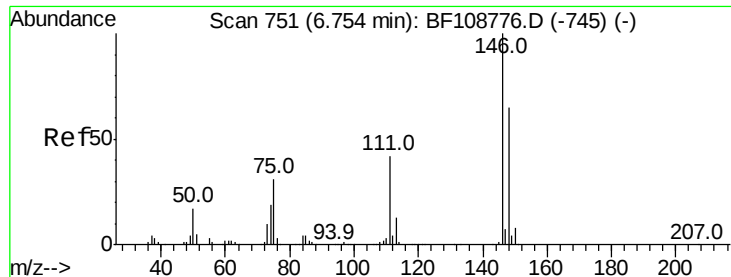
#12
1,3-Dichlorobenzene
Concen: 27.521 ng
RT: 6.68 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF108954.D
Acq: 12 Sep 2018 17:12

Tgt Ion:	146	Resp:	326072
Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.8
75	31.7	24.2	36.4



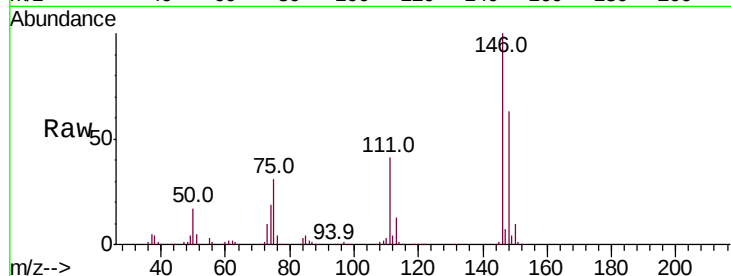
Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13
 1,4-Dichlorobenzene
 Concen: 28.229 ng
 RT: 6.75 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF108954.D
 Acq: 12 Sep 2018 17:12

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.8	76.2
111	41.0	34.2	51.2

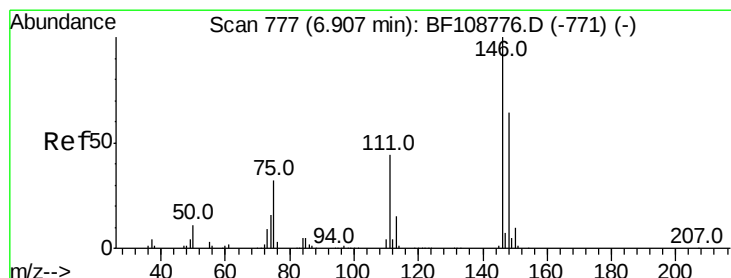
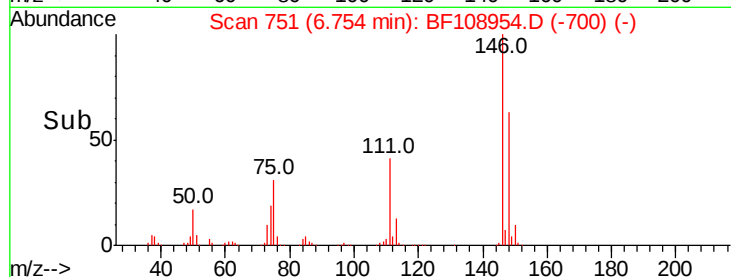
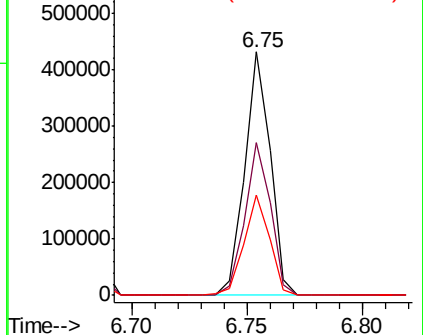


Abundance

Ion 146.00 (145.70 to 146.70): E

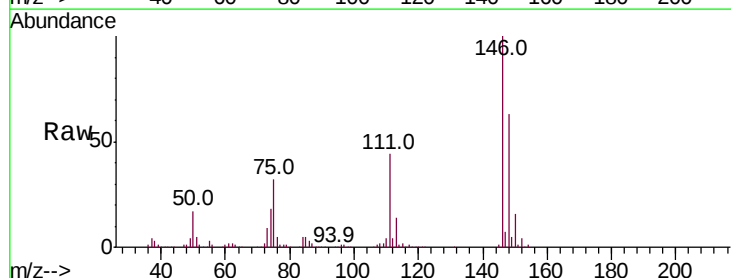
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 28.393 ng
 RT: 6.91 min Scan# 777
 Delta R.T. -0.00 min
 Lab File: BF108954.D
 Acq: 12 Sep 2018 17:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.6	75.8
111	44.4	36.0	54.0

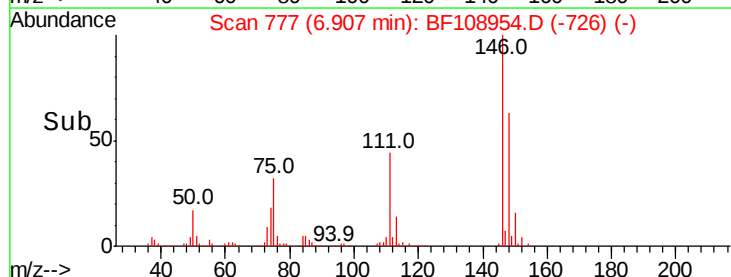
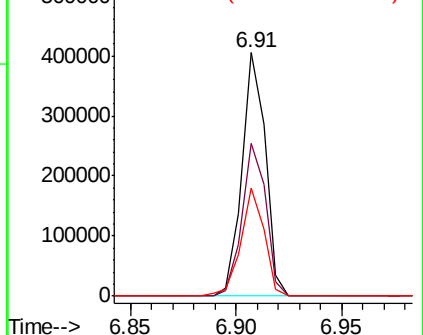


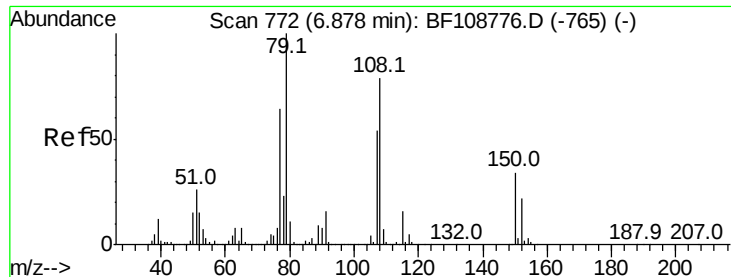
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 28.904 ng

RT: 6.88 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF108954.D

Acq: 12 Sep 2018 17:12

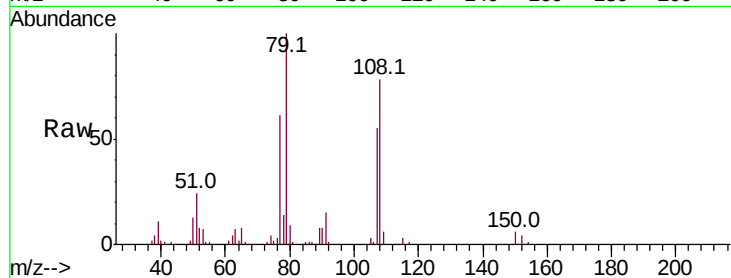
Tot Ion: 79 Resp: 267711

Ion Ratio Lower Upper

79 100

108 77.8 65.1 97.7

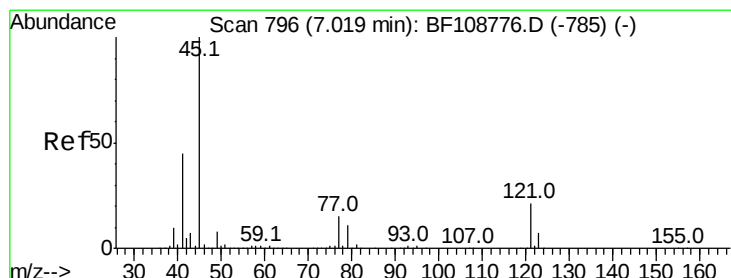
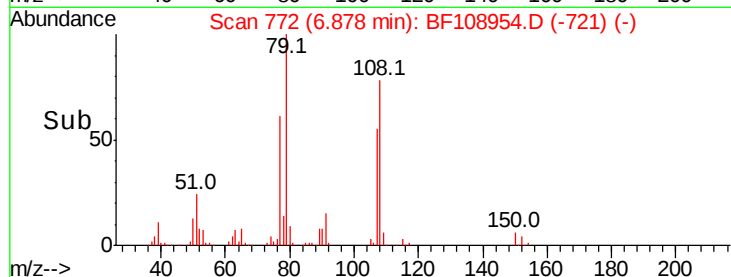
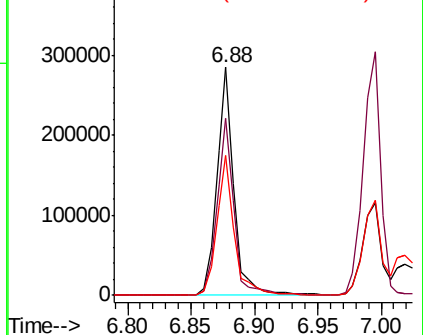
77 61.3 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 25.795 ng

RT: 7.02 min Scan# 796

Delta R.T. -0.00 min

Lab File: BF108954.D

Acq: 12 Sep 2018 17:12

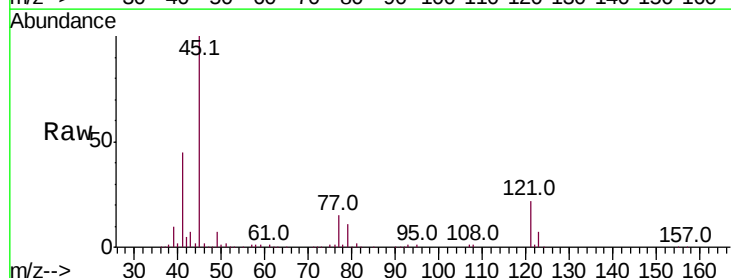
Tgt Ion: 45 Resp: 426985

Ion Ratio Lower Upper

45 100

77 14.6 0.0 32.9

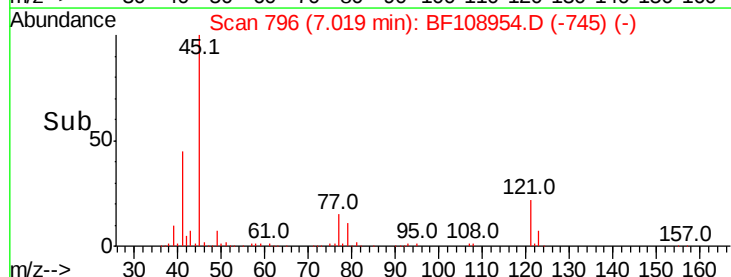
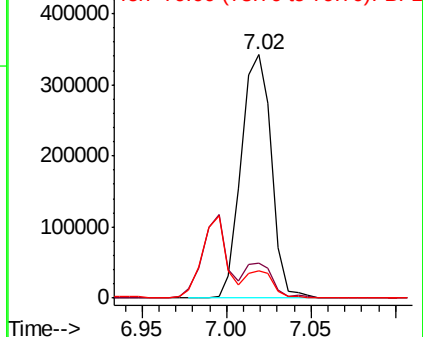
79 11.2 0.0 29.6

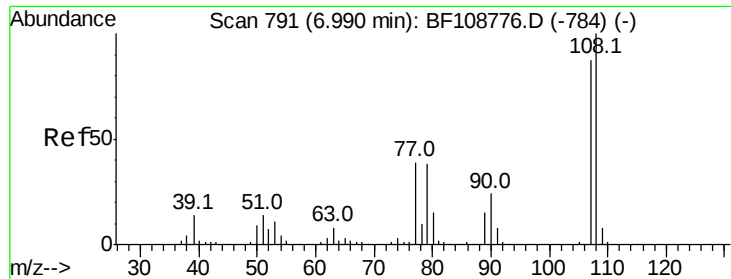


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

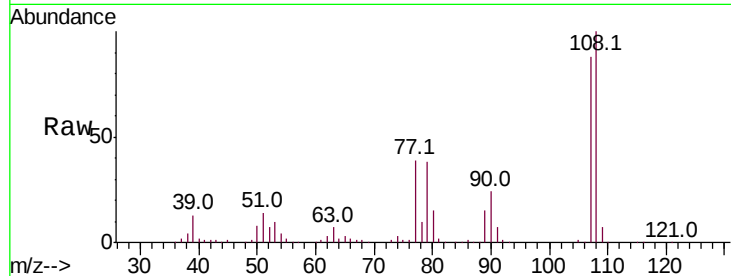
Ion 79.00 (78.70 to 79.70): BF1



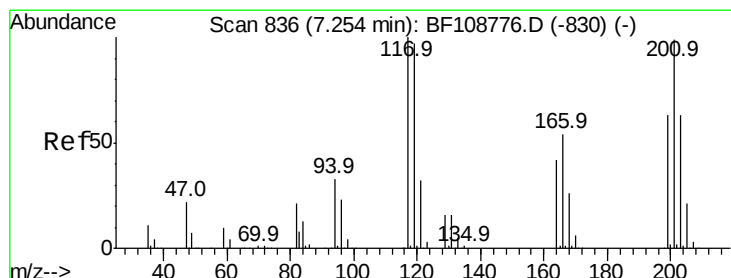
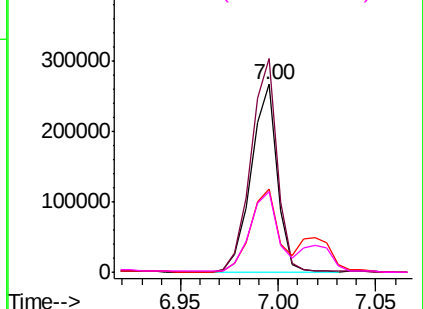
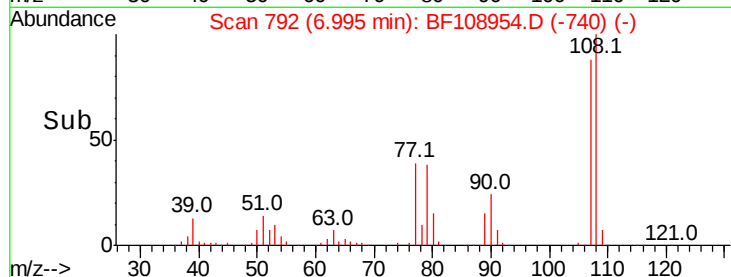


#17
2-Methylphenol
Concen: 28.134 ng
RT: 7.00 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF108954.D
Acq: 12 Sep 2018 17:12

Tot Ion:	107	Resp:	246856
Ion	Ratio	Lower	Upper
107	100		
108	113.6	91.7	137.5
77	44.2	33.8	50.8
79	43.0	33.8	50.8

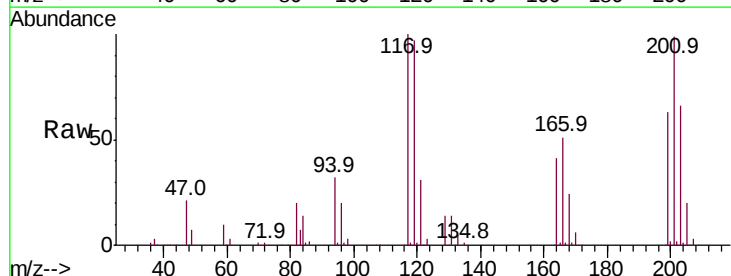


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

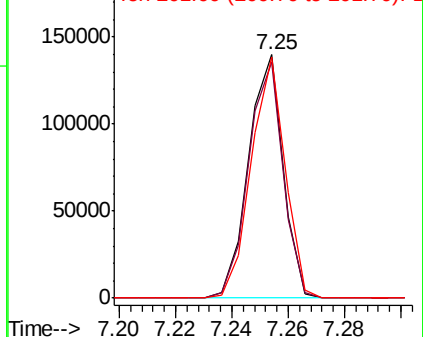
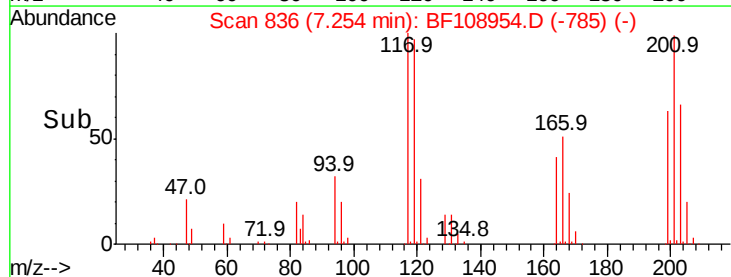


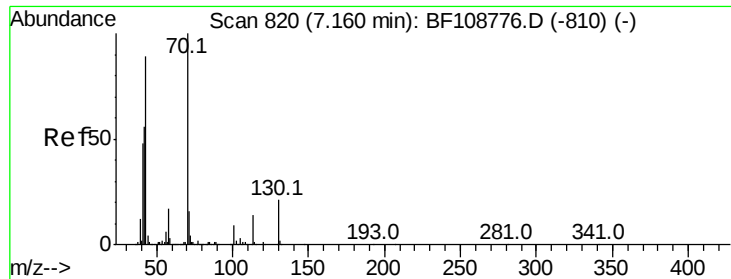
#18
Hexachloroethane
Concen: 27.712 ng
RT: 7.25 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF108954.D
Acq: 12 Sep 2018 17:12

Tgt Ion:	117	Resp:	118389
Ion	Ratio	Lower	Upper
117	100		
119	96.9	75.8	113.8
201	98.9	75.7	113.5



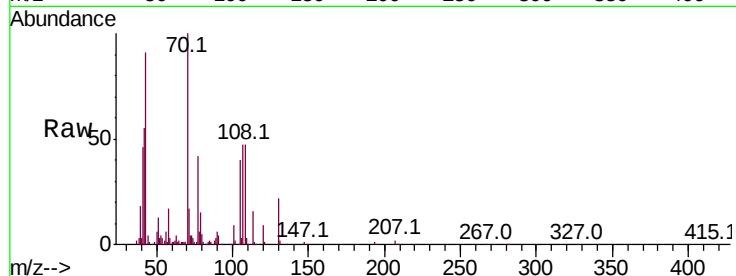
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 25.402 ng
RT: 7.15 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF108954.D
Acq: 12 Sep 2018 17:12

Tot Ion:	70	Resp:	213101
Ion	Ratio	Lower	Upper
70	100		
42	54.9	47.5	71.3
101	9.4	7.4	11.2
130	21.6	16.6	25.0



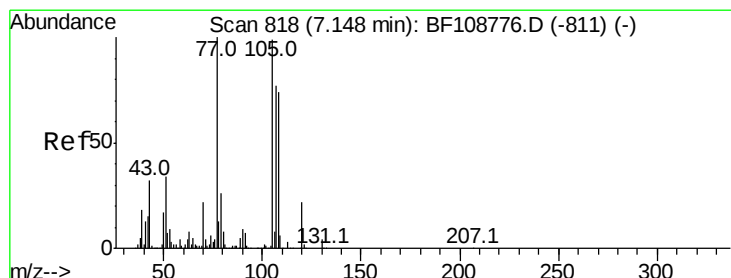
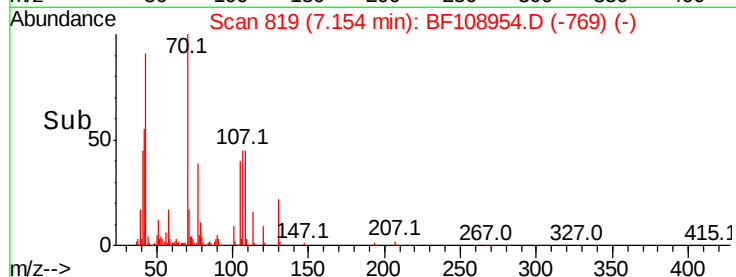
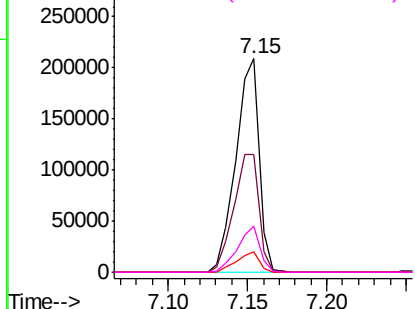
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

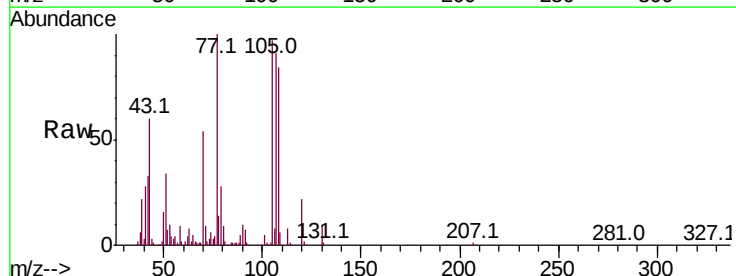
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 29.161 ng
RT: 7.15 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF108954.D
Acq: 12 Sep 2018 17:12

Tgt Ion:	107	Resp:	299728
Ion	Ratio	Lower	Upper
107	100		
108	92.6	68.2	108.2
77	110.5	26.7	66.7#
79	30.7	6.3	46.3



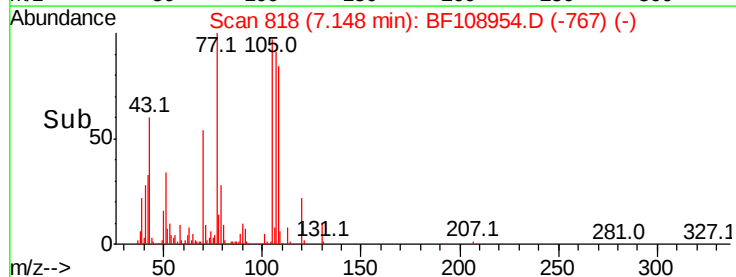
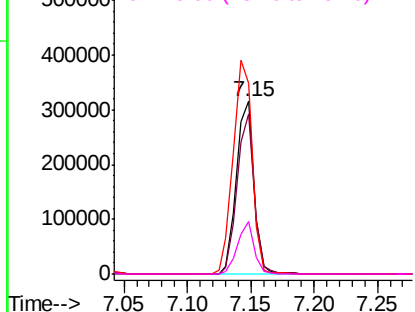
Abundance

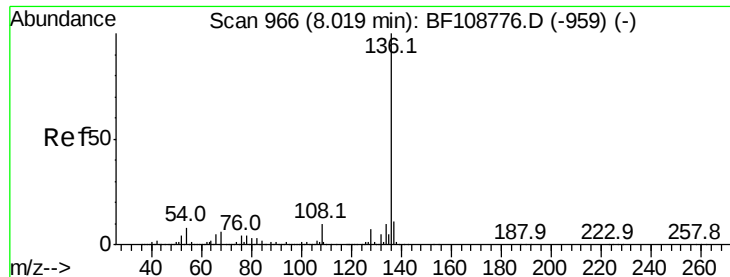
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

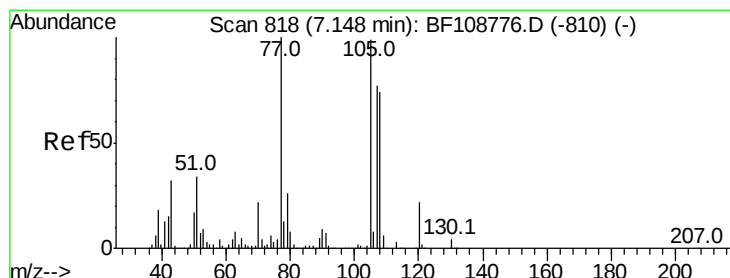
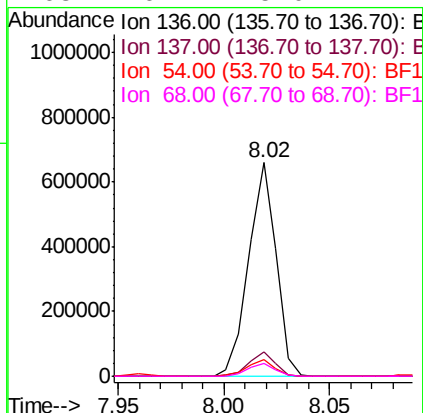
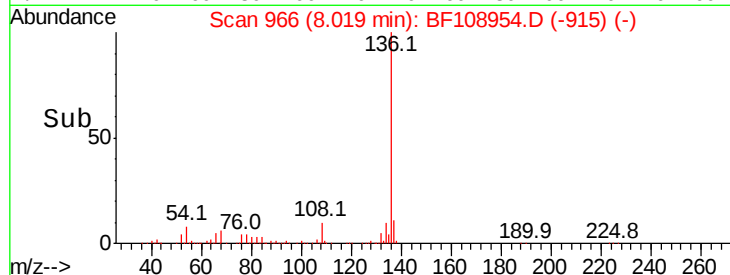
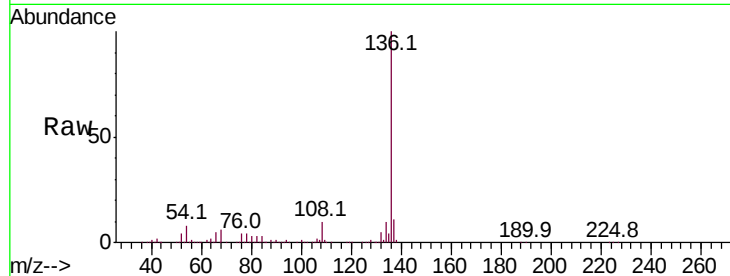
Ion 79.00 (78.70 to 79.70): BF1





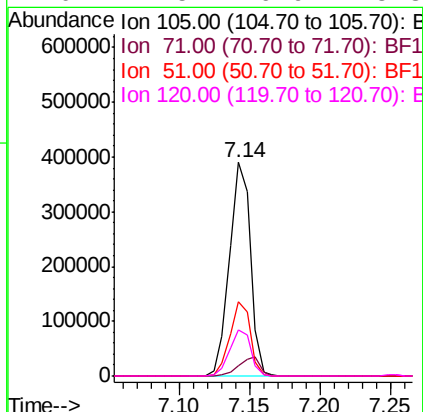
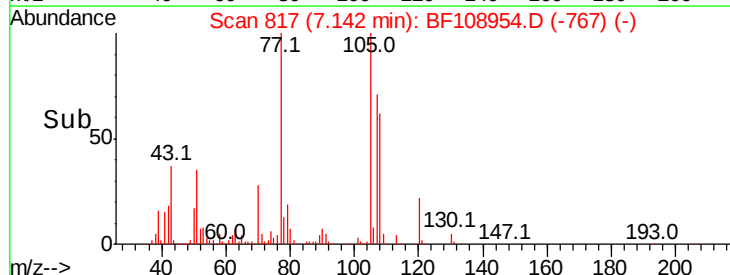
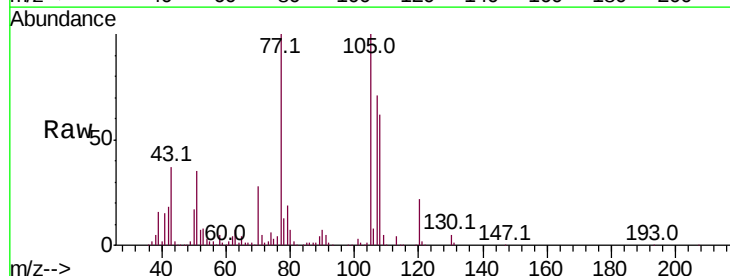
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108954.D
Acq: 12 Sep 2018 17:12

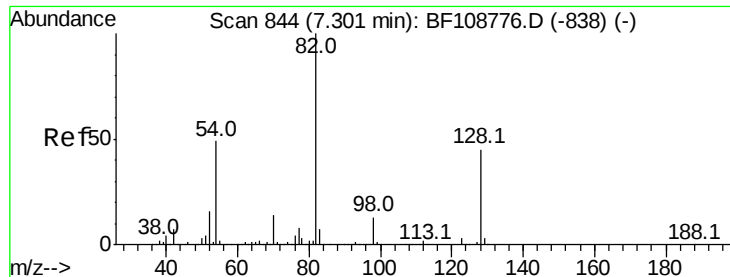
Tot Ion:136	Resp:	595568
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.9 13.3
54	7.5	6.6 9.8
68	6.2	5.0 7.4



#22
Acetophenone
Concen: 29.810 ng
RT: 7.14 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF108954.D
Acq: 12 Sep 2018 17:12

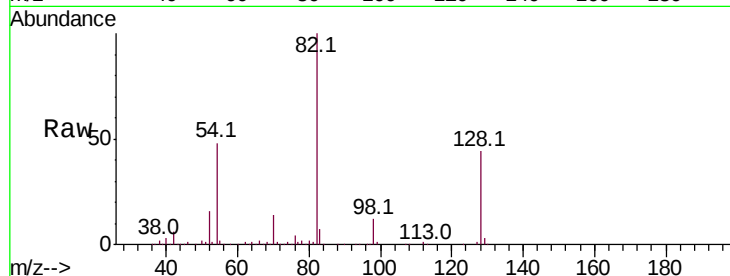
Tgt Ion:105	Resp:	402931
Ion Ratio	Lower	Upper
105	100	
71	4.7	4.4 6.6
51	34.7	22.3 33.5#
120	21.5	16.9 25.3



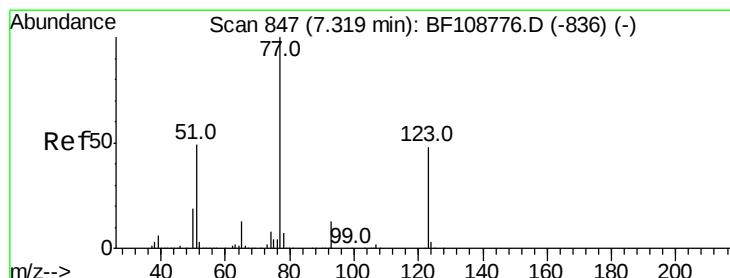
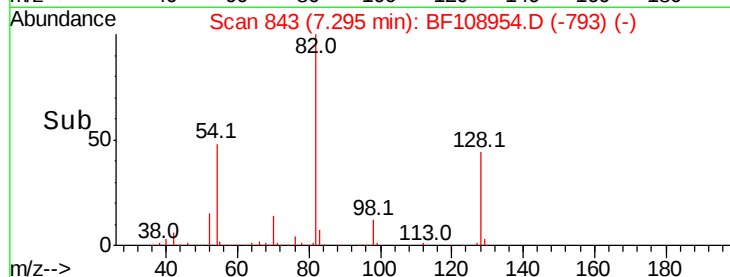
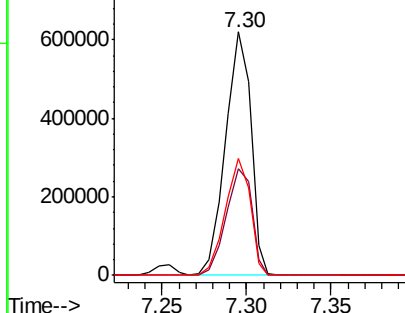


#23
Nitrobenzene-d5
Concen: 68.291 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108954.D
Acq: 12 Sep 2018 17:12

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.7	36.1	54.1
54	48.1	41.4	62.2

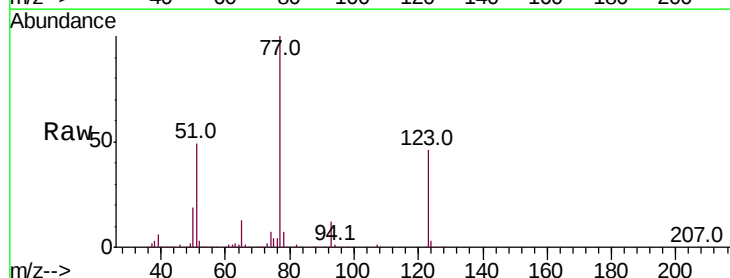


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

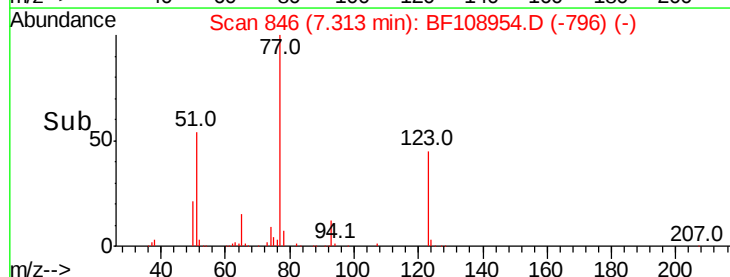
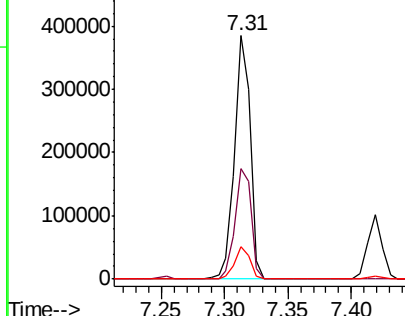


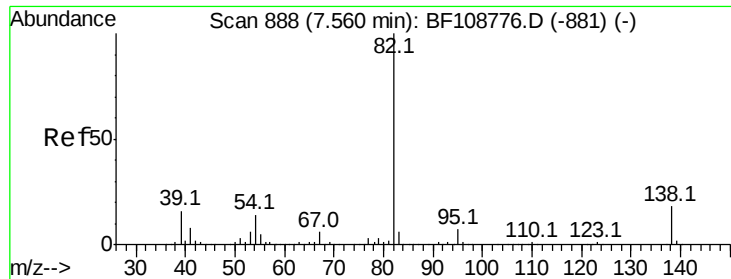
#24
Nitrobenzene
Concen: 31.954 ng
RT: 7.31 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF108954.D
Acq: 12 Sep 2018 17:12

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.6	37.9	56.9
65	13.2	11.0	16.4



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: 30.966 ng

RT: 7.55 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF108954.D

Acq: 12 Sep 2018 17:12

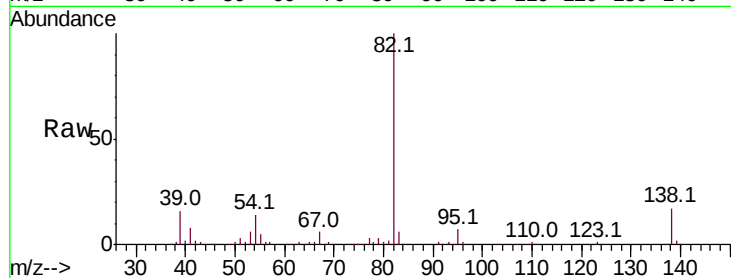
Tot Ion: 82 Resp: 587827

Ion Ratio Lower Upper

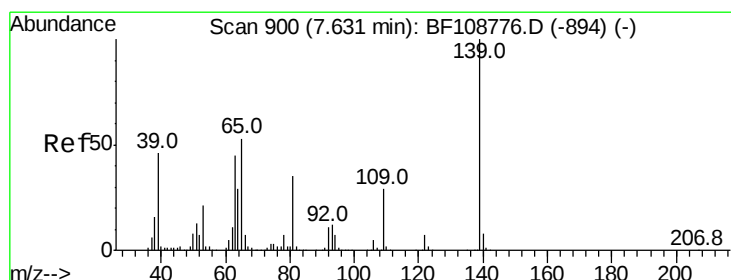
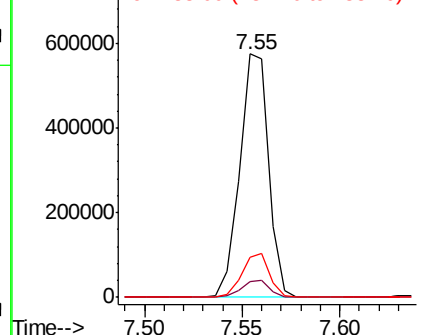
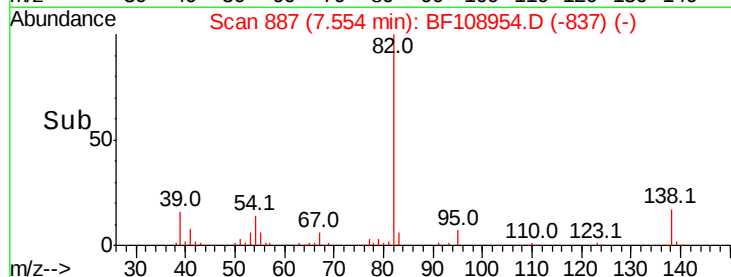
82 100

95 6.6 5.2 7.8

138 16.5 14.9 22.3



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



#26

2-Nitrophenol

Concen: 37.980 ng

RT: 7.63 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF108954.D

Acq: 12 Sep 2018 17:12

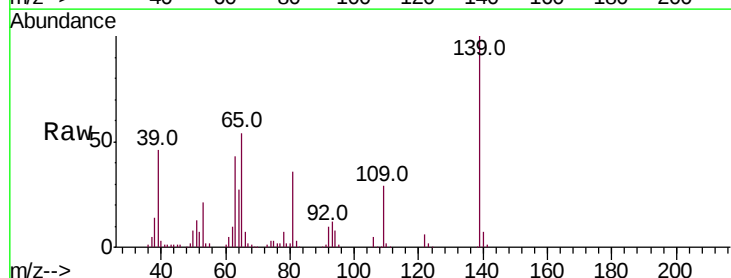
Tgt Ion: 139 Resp: 152789

Ion Ratio Lower Upper

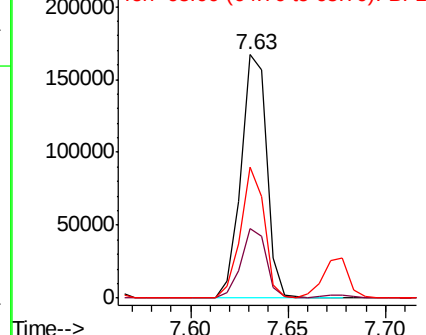
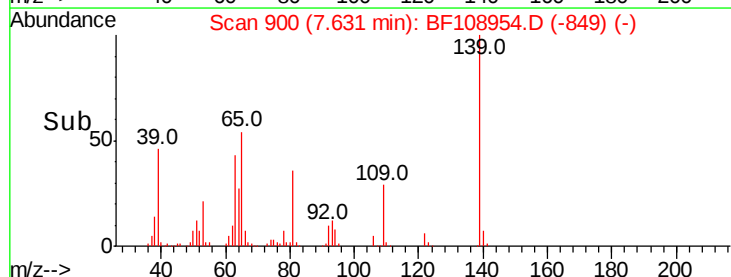
139 100

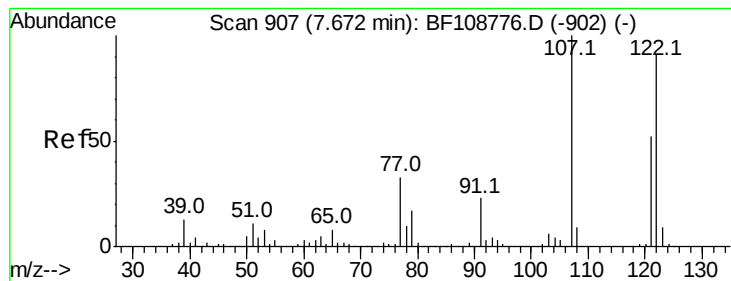
109 28.6 22.7 34.1

65 53.7 40.5 60.7



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





#27

2,4-Dimethylphenol

Concen: 33.228 ng

RT: 7.68 min Scan# 908

Delta R.T. 0.01 min

Lab File: BF108954.D

Acq: 12 Sep 2018 17:12

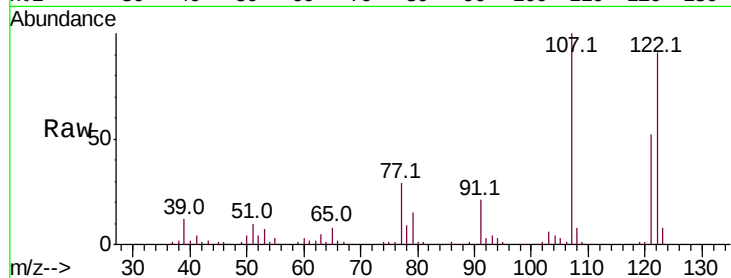
Tot Ion:122 Resp: 271451

Ion Ratio Lower Upper

122 100

107 109.4 91.2 136.8

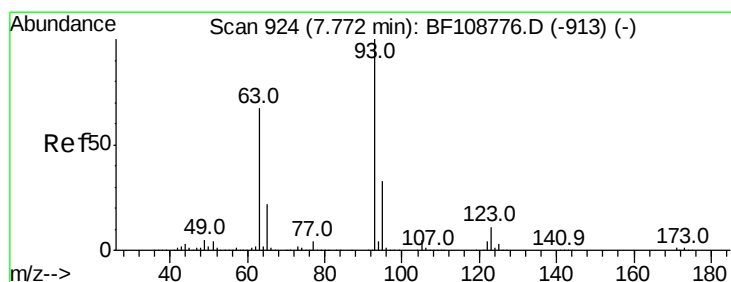
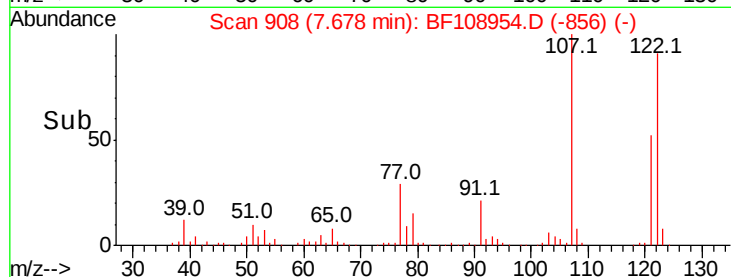
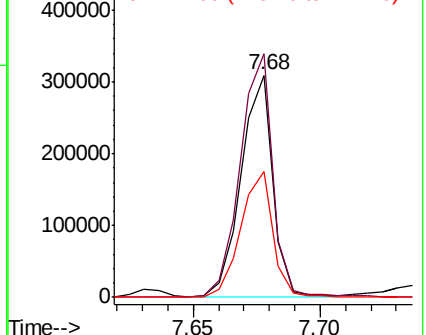
121 56.7 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 29.219 ng

RT: 7.77 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF108954.D

Acq: 12 Sep 2018 17:12

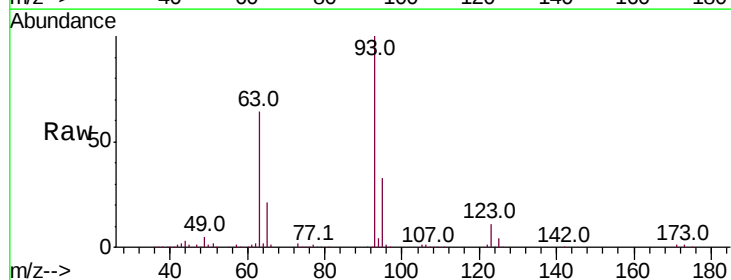
Tgt Ion: 93 Resp: 370842

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

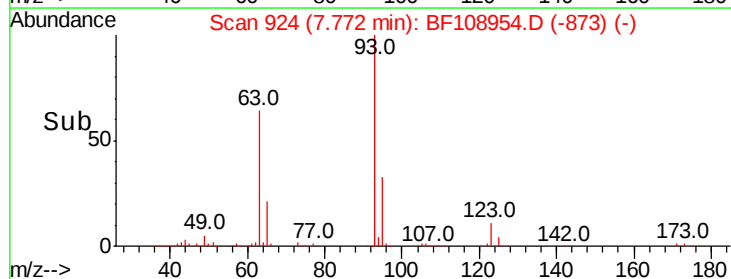
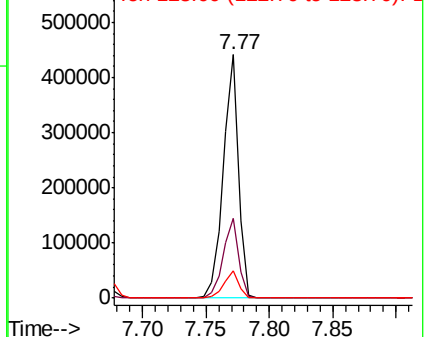
123 11.3 9.8 14.6

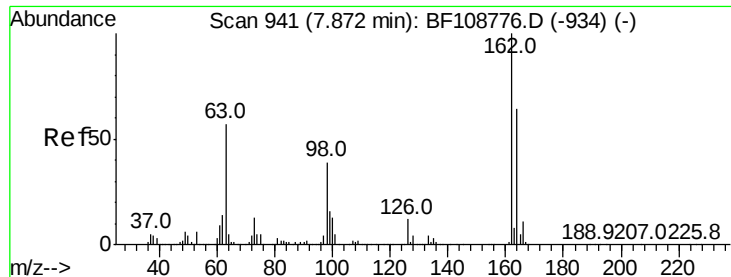


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

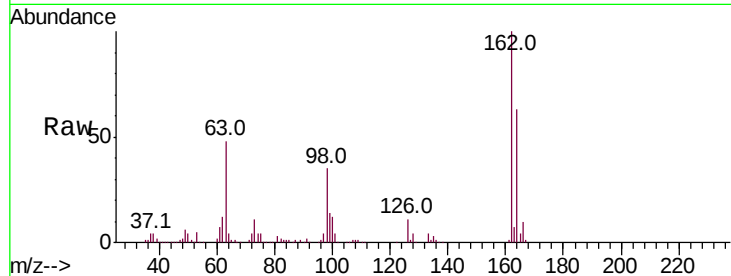
Ion 123.00 (122.70 to 123.70): E



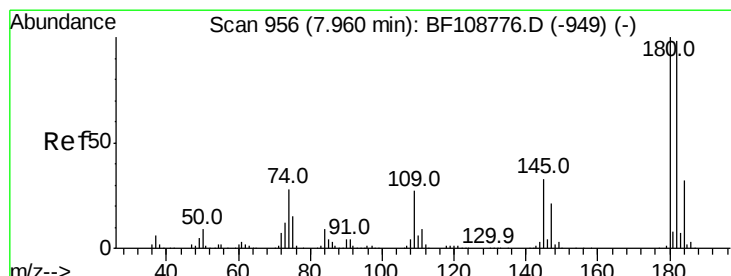
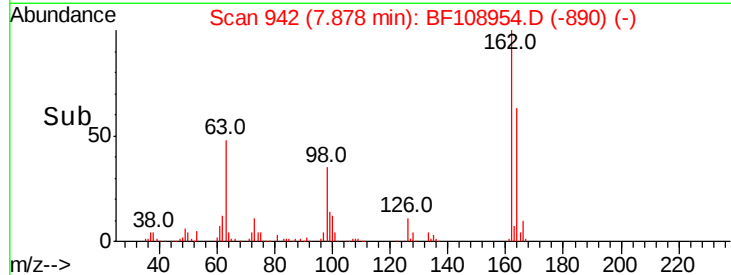
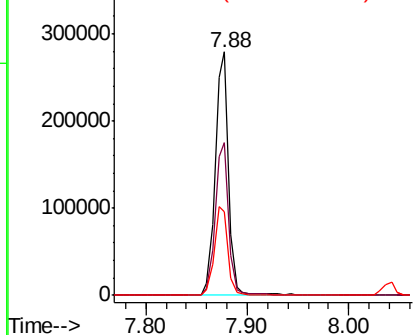


#29
2,4-Dichlorophenol
Concen: 30.343 ng
RT: 7.88 min Scan# 942
Delta R.T. 0.01 min
Lab File: BF108954.D
Acq: 12 Sep 2018 17:12

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	42.7	82.7
98	34.6	18.1	58.1

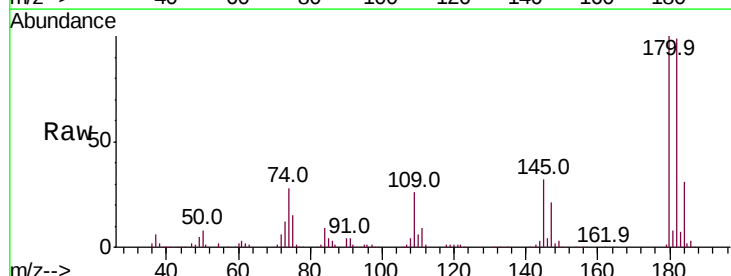


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

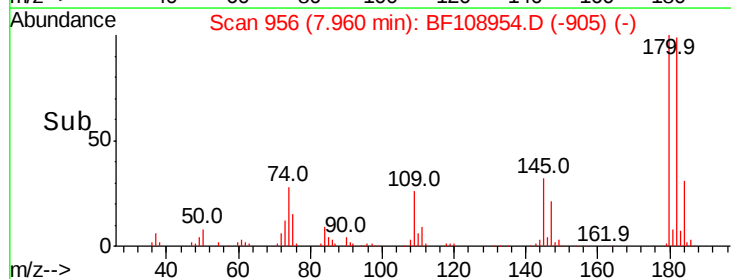
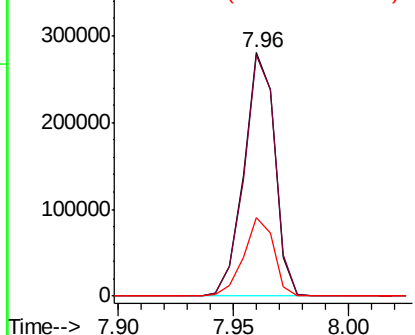


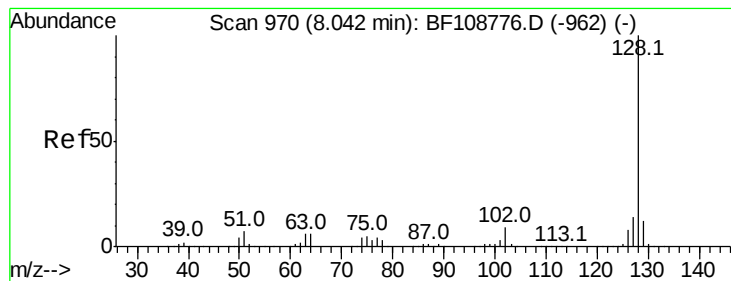
#30
1,2,4-Trichlorobenzene
Concen: 28.720 ng
RT: 7.96 min Scan# 956
Delta R.T. -0.00 min
Lab File: BF108954.D
Acq: 12 Sep 2018 17:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.2	76.8	115.2
145	32.4	26.5	39.7



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





#31

Naphthalene

Concen: 32.237 ng

RT: 8.04 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF108954.D

Acq: 12 Sep 2018 17:12

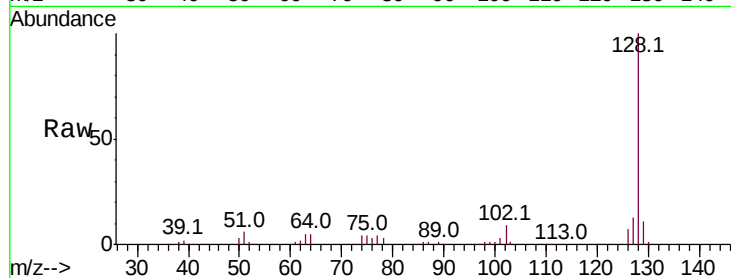
Tot Ion:128 Resp: 863774

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

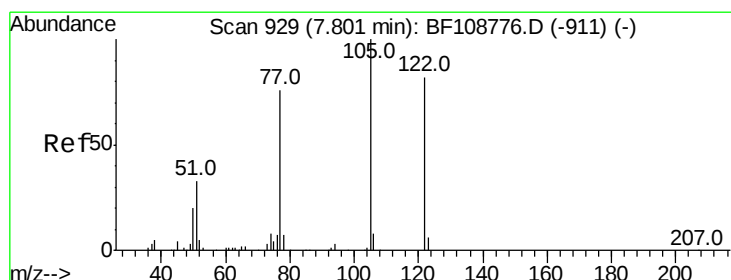
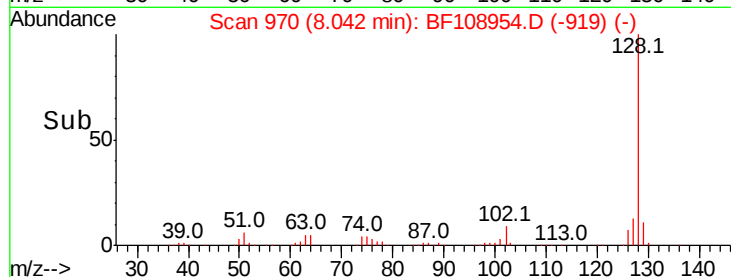
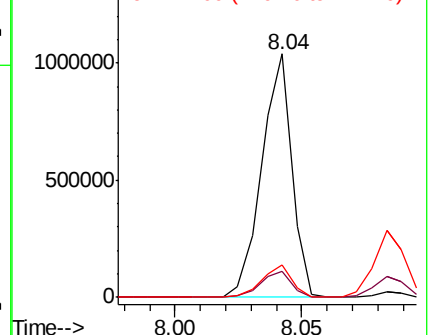
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 9.327 ng

RT: 7.74 min Scan# 919

Delta R.T. -0.06 min

Lab File: BF108954.D

Acq: 12 Sep 2018 17:12

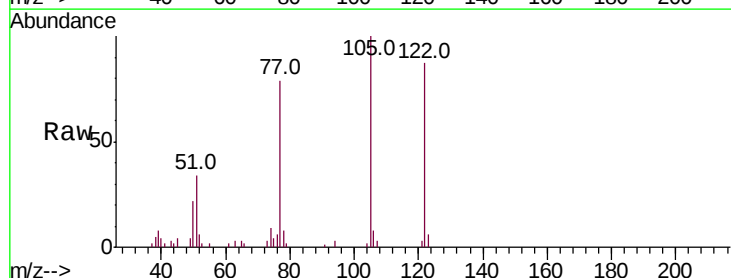
Tgt Ion:122 Resp: 27601

Ion Ratio Lower Upper

122 100

105 114.8 101.1 141.1

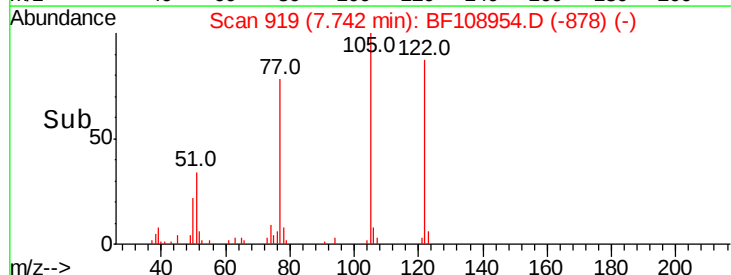
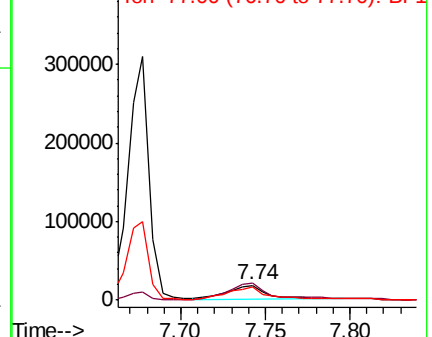
77 90.9 70.7 110.7

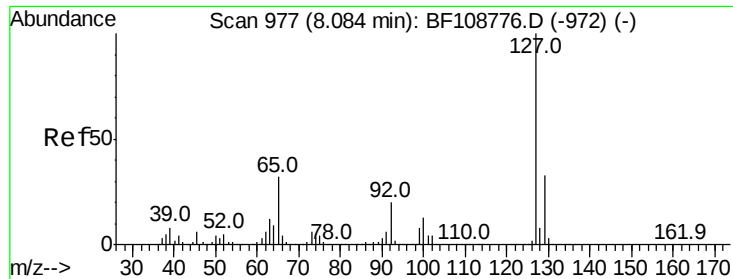


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

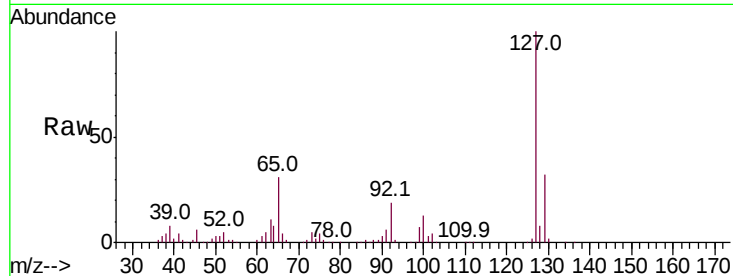
Ion 77.00 (76.70 to 77.70): BF1



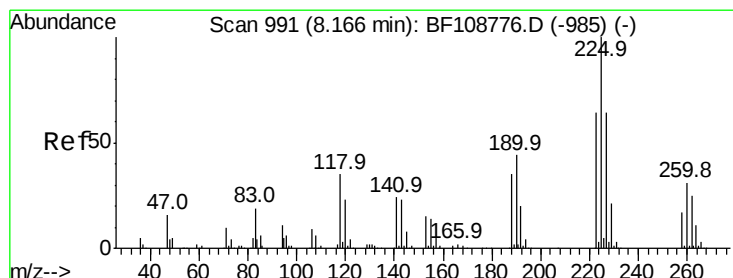
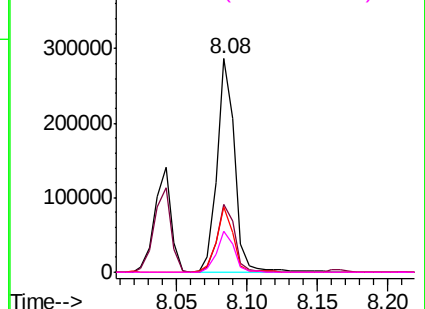
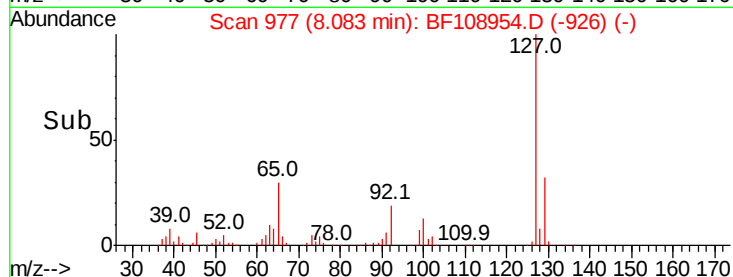


#33
4-Chloroaniline
Concen: 20.202 ng
RT: 8.08 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF108954.D
Acq: 12 Sep 2018 17:12

Tot Ion:	127	Resp:	248602
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	30.5	25.0	37.4
92	19.4	15.2	22.8

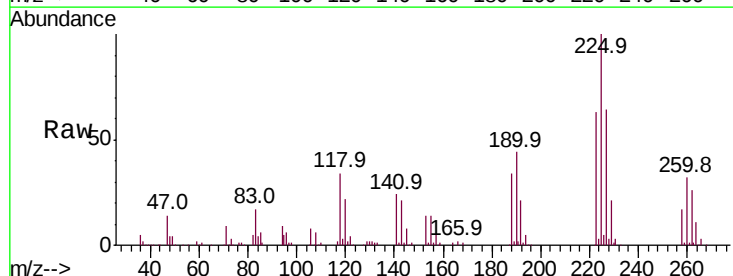


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

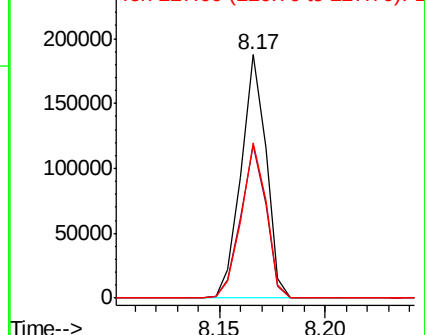
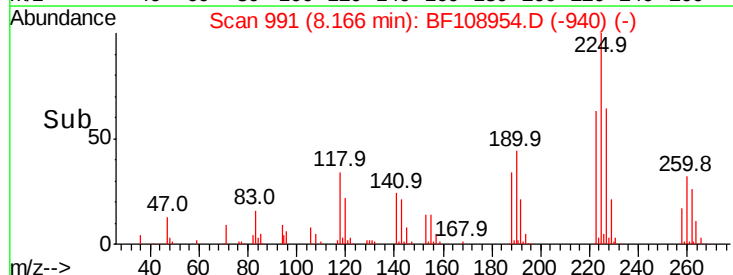


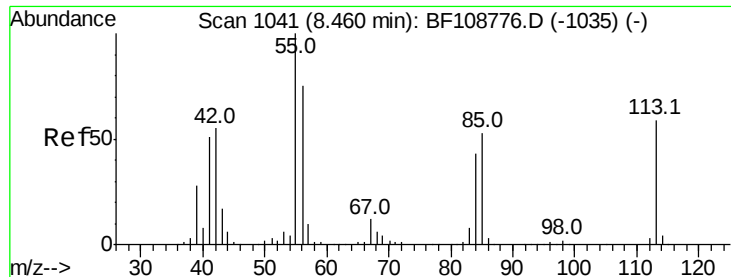
#34
Hexachlorobutadiene
Concen: 28.166 ng
RT: 8.17 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF108954.D
Acq: 12 Sep 2018 17:12

Tgt Ion:	225	Resp:	153608
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.6	76.0
227	63.9	51.9	77.9



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





#35

Caprolactam

Concen: 26.769 ng/mL

RT: 8.44 min Scan# 1038

Delta R.T. -0.02 min

Lab File: BF108954.D

Acq: 12 Sep 2018 17:12

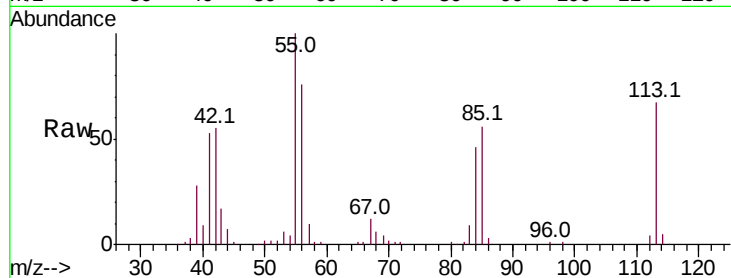
Tot Ion: 113 Resp: 76408

Ion Ratio Lower Upper

113 100

55 150.1 163.3 203.3#

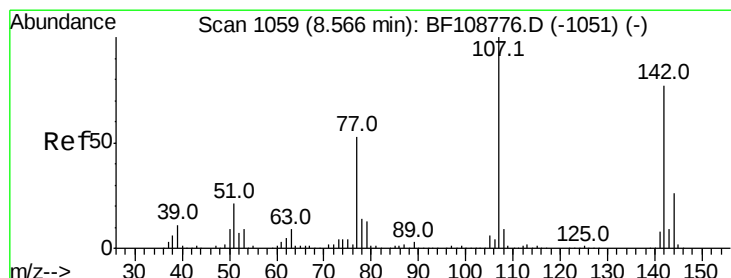
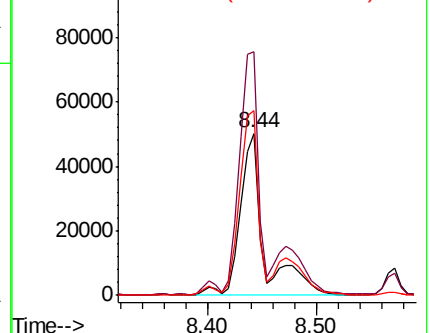
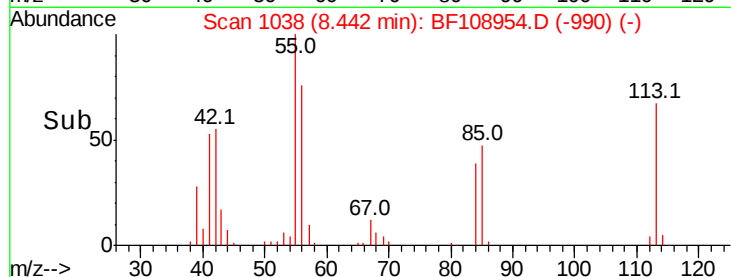
56 113.5 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 29.926 ng/mL

RT: 8.57 min Scan# 1060

Delta R.T. 0.01 min

Lab File: BF108954.D

Acq: 12 Sep 2018 17:12

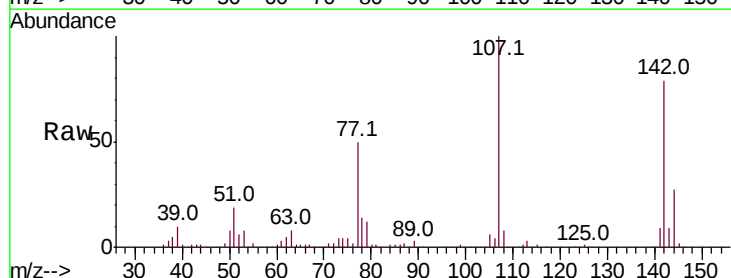
Tgt Ion: 107 Resp: 268542

Ion Ratio Lower Upper

107 100

144 26.7 20.5 30.7

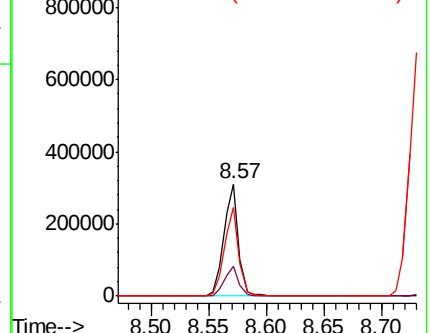
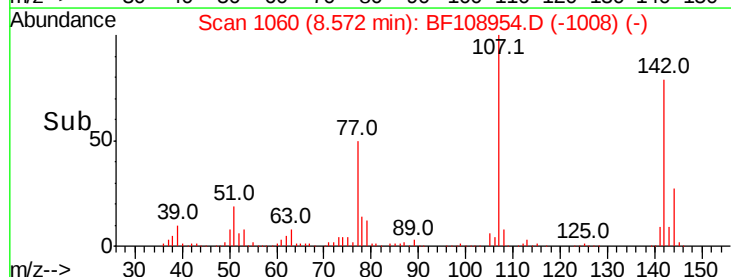
142 79.1 62.0 93.0

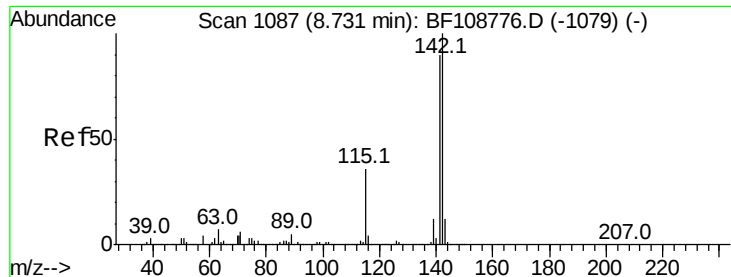


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

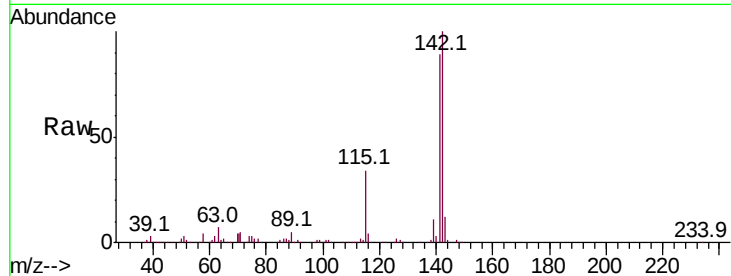
Ion 142.00 (141.70 to 142.70): E





#37
2-Methylnaphthalene
Concen: 32.391 ng
RT: 8.73 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BF108954.D
Acq: 12 Sep 2018 17:12

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	34.0	26.1	39.1

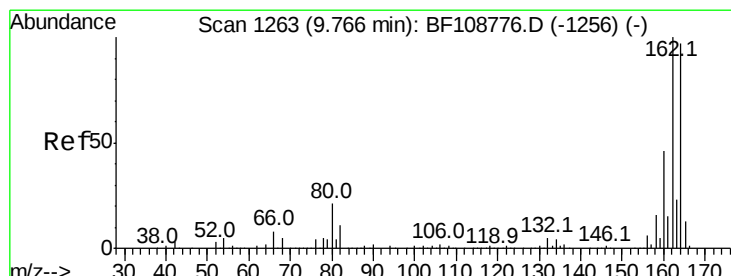
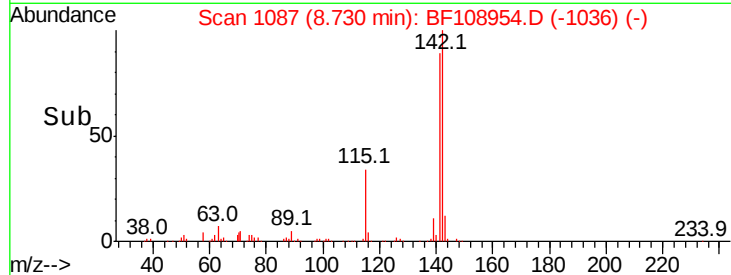
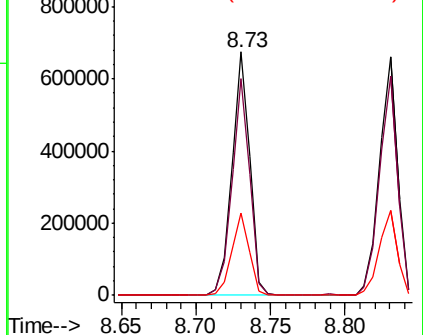


Abundance

Ion 142.00 (141.70 to 142.70): E

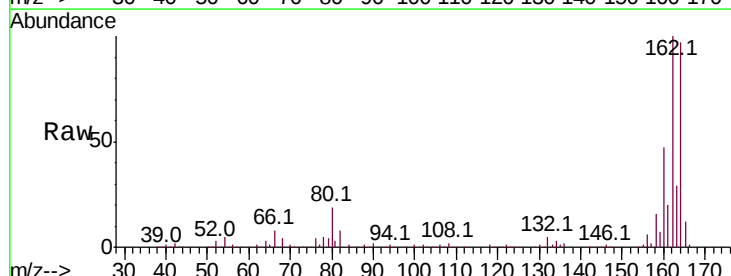
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BF108954.D
Acq: 12 Sep 2018 17:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	86.1	129.1
160	48.0	38.3	57.5

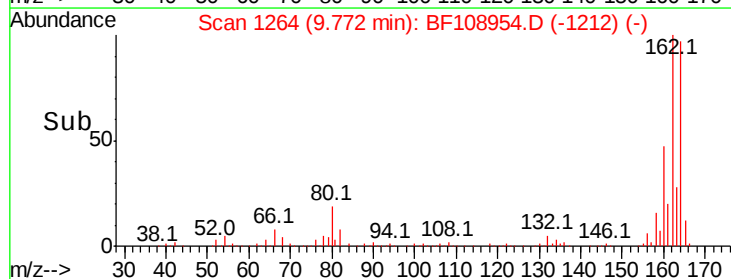
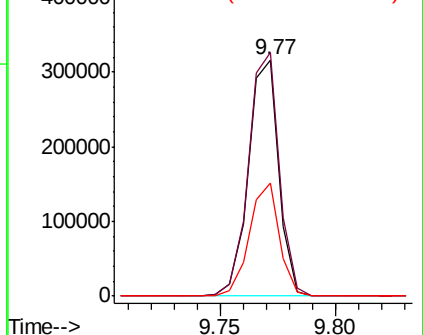


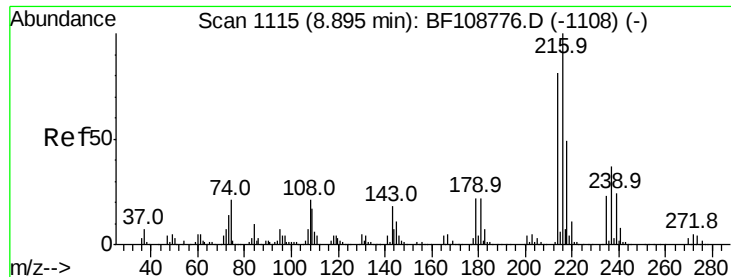
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

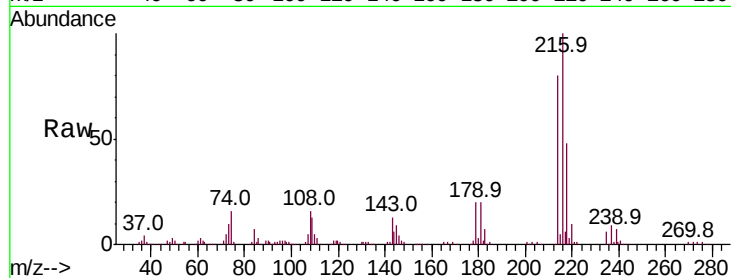
Ion 160.00 (159.70 to 160.70): E



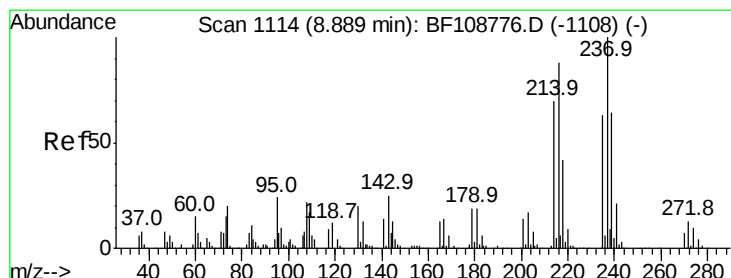
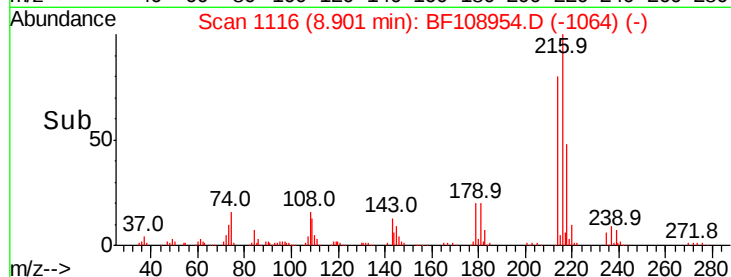
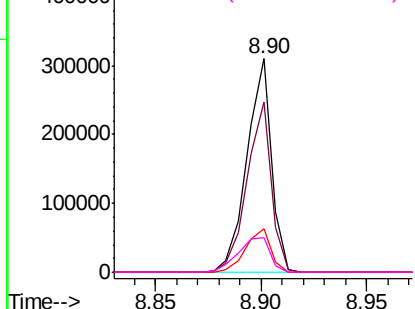


#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 28.951 ng
 RT: 8.90 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF108954.D
 Acq: 12 Sep 2018 17:12

Tot Ion:	216	Resp:	251574
Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.0	94.4
179	20.8	18.1	27.1
108	20.7	17.2	25.8

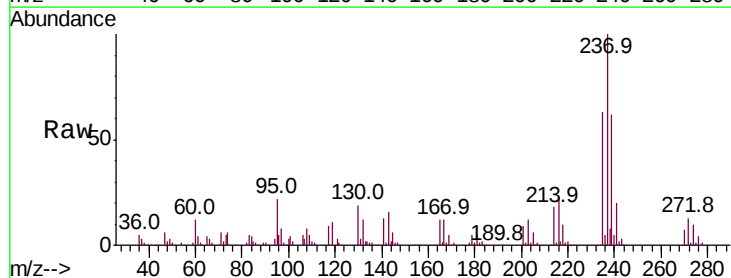


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

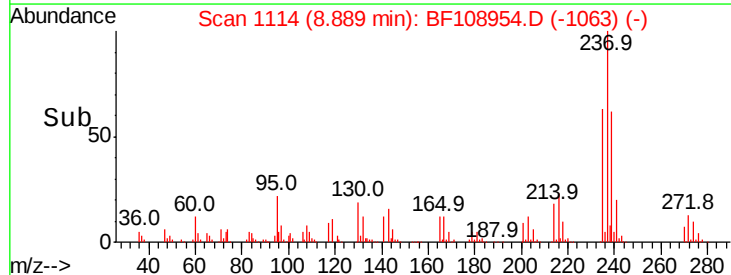
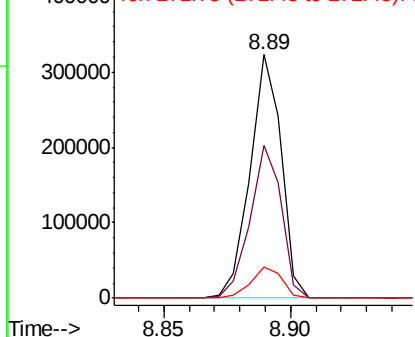


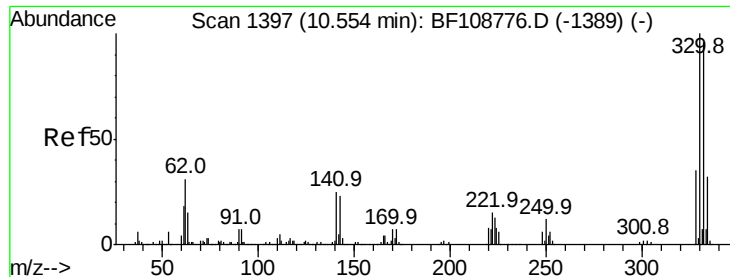
#40
 Hexachlorocyclopentadiene
 Concen: 63.214 ng
 RT: 8.89 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BF108954.D
 Acq: 12 Sep 2018 17:12

Tgt Ion:	237	Resp:	276342
Ion	Ratio	Lower	Upper
237	100		
235	62.9	44.8	84.8
272	12.9	0.0	33.3



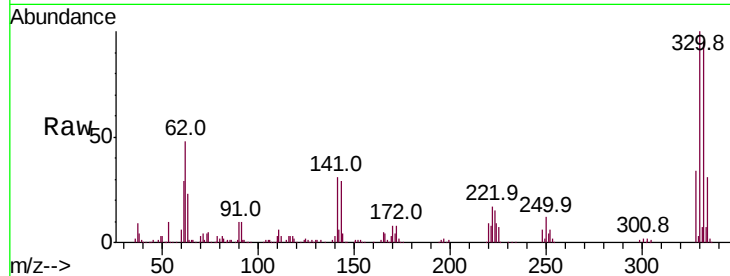
Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E



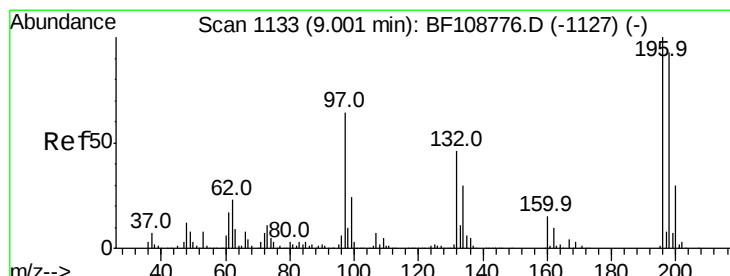
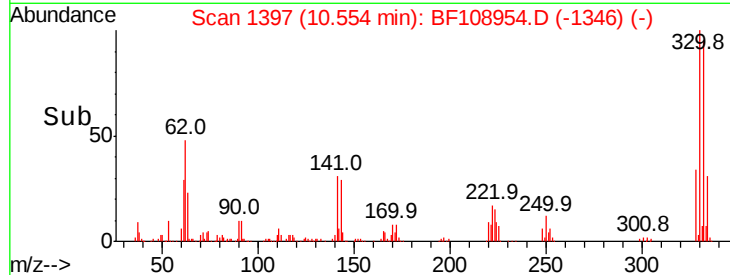
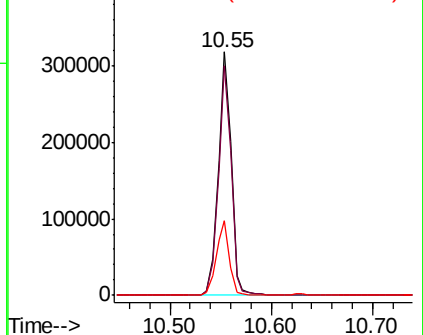


#41
 2,4,6-Tribromophenol
 Concen: 101.388 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF108954.D
 Acq: 12 Sep 2018 17:12

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.0	115.6
141	30.8	29.9	44.9

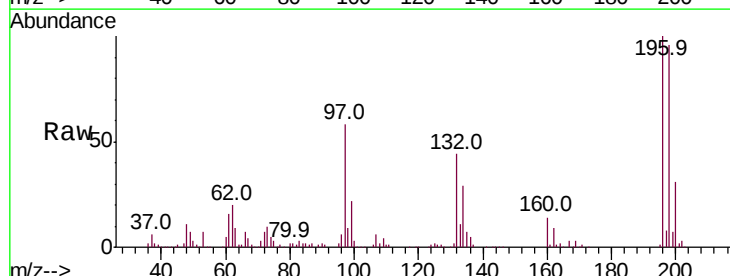


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

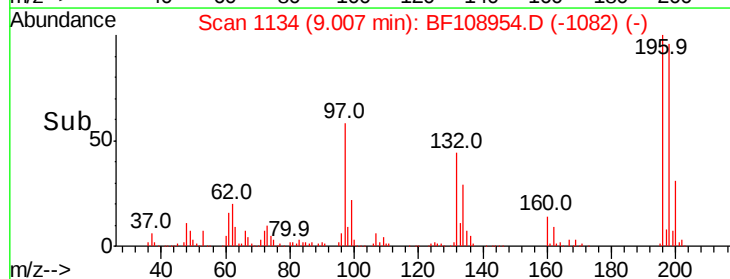
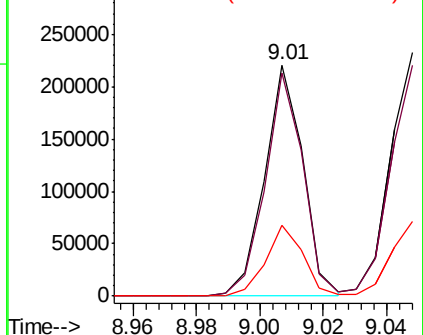


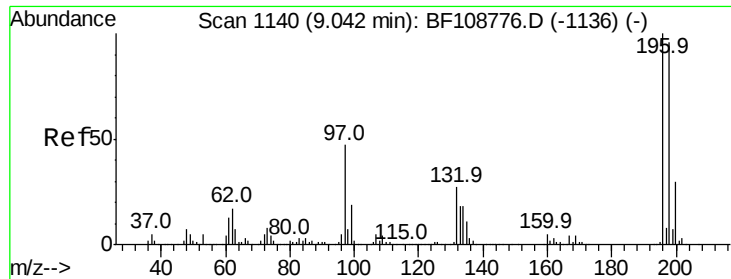
#42
 2,4,6-Trichlorophenol
 Concen: 31.287 ng
 RT: 9.01 min Scan# 1134
 Delta R.T. 0.01 min
 Lab File: BF108954.D
 Acq: 12 Sep 2018 17:12

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.5	75.7	113.5
200	30.7	24.5	36.7



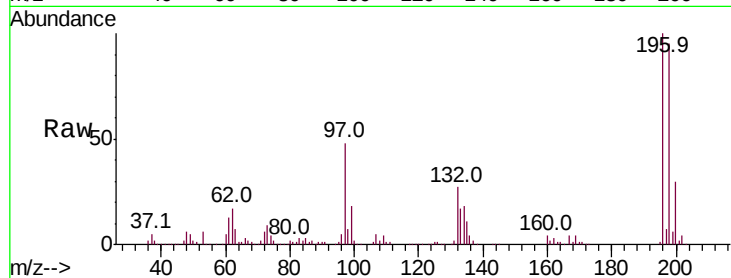
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E



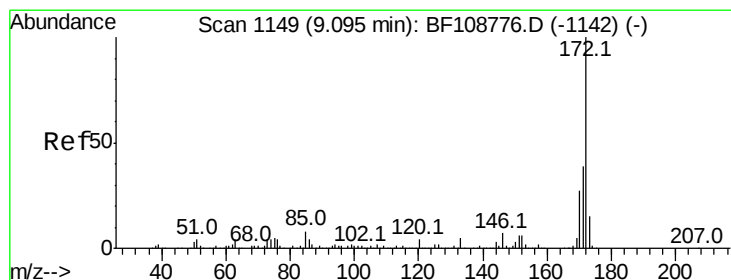
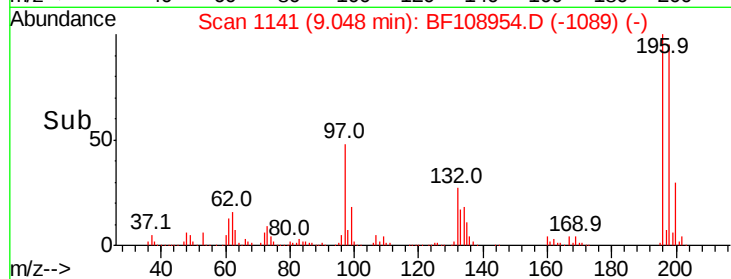
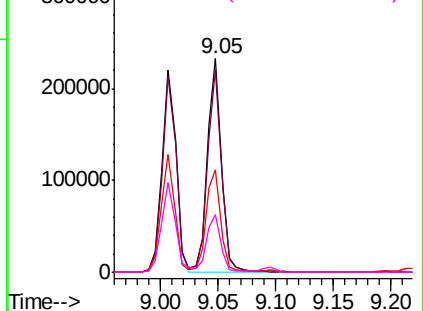


#43
 2,4,5-Trichlorophenol
 Concen: 32.150 ng
 RT: 9.05 min Scan# 1141
 Delta R.T. 0.01 min
 Lab File: BF108954.D
 Acq: 12 Sep 2018 17:12

Tot Ion:	196	Resp:	197245
Ion	Ratio	Lower	Upper
196	100		
198	94.7	74.6	112.0
97	48.1	42.9	64.3
132	26.7	26.3	39.5

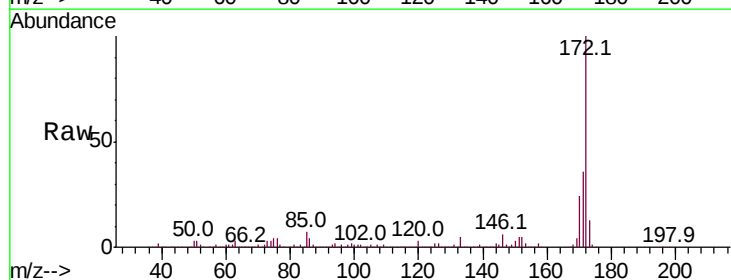


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

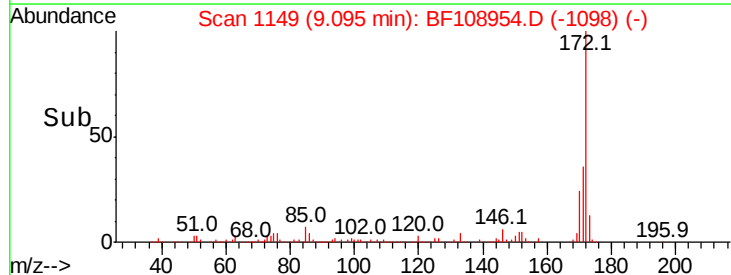
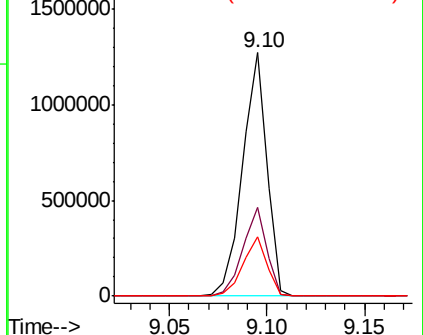


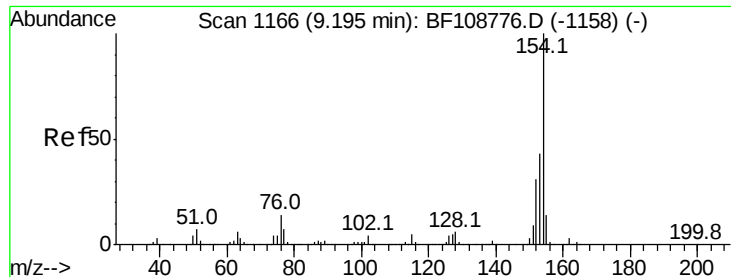
#44
 2-Fluorobiphenyl
 Concen: 64.378 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108954.D
 Acq: 12 Sep 2018 17:12

Tgt Ion:	172	Resp:	1096972
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.3	19.6	29.4



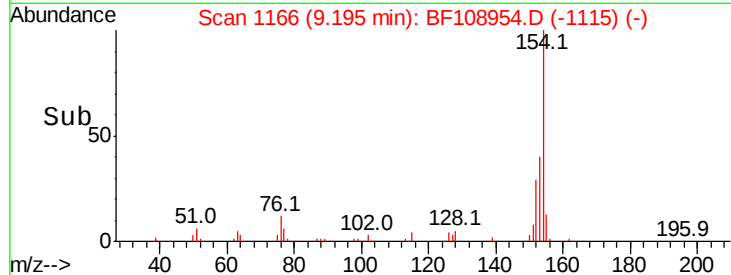
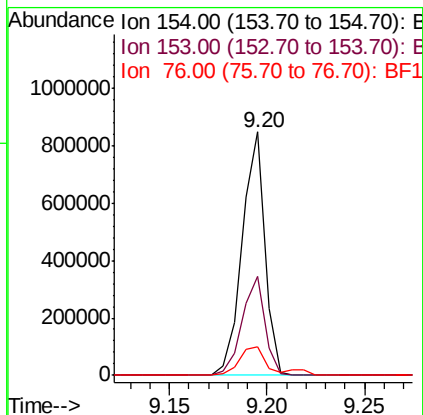
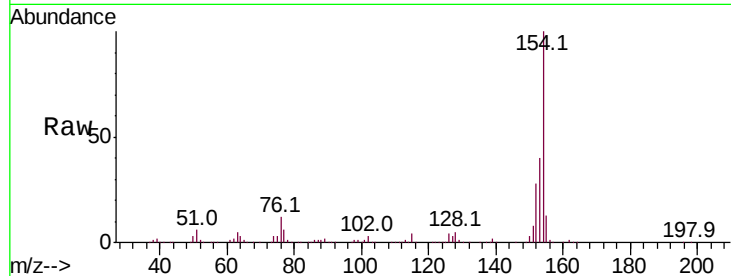
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





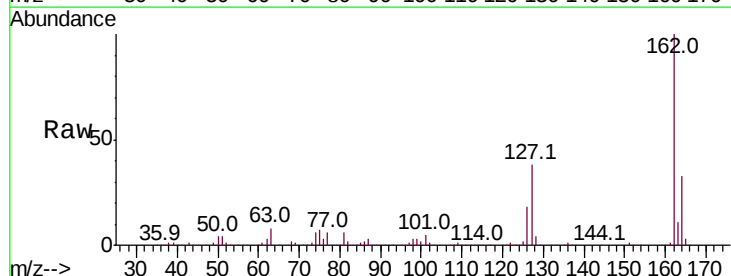
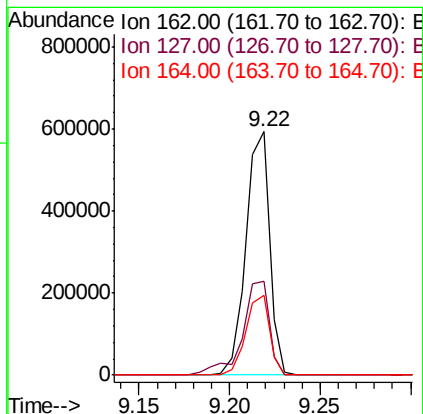
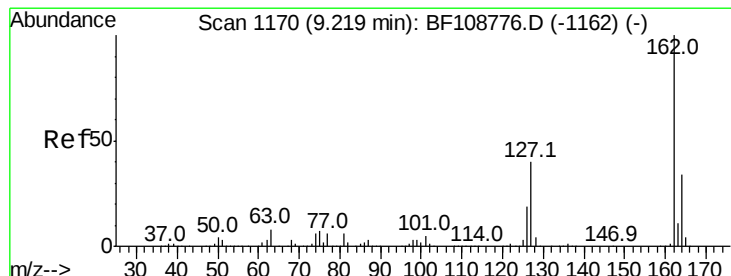
#45
 1,1'-Biphenyl
 Concen: 30.578 ng
 RT: 9.20 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF108954.D
 Acq: 12 Sep 2018 17:12

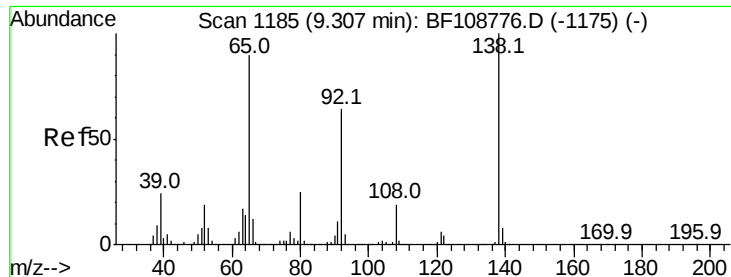
Tot Ion:	154	Resp:	684303
Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.3	61.3
76	11.9	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 29.782 ng
 RT: 9.22 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF108954.D
 Acq: 12 Sep 2018 17:12

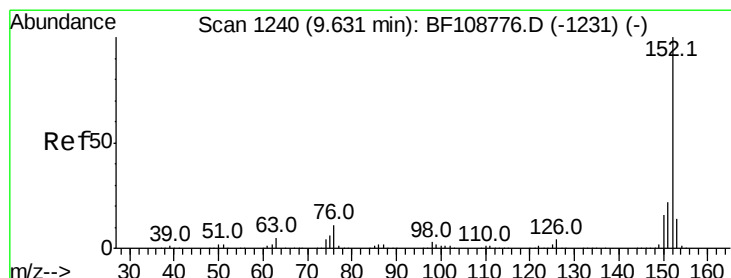
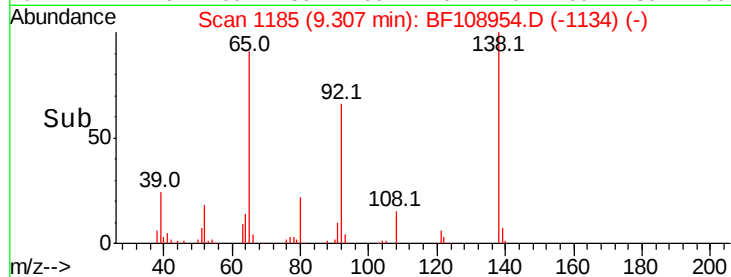
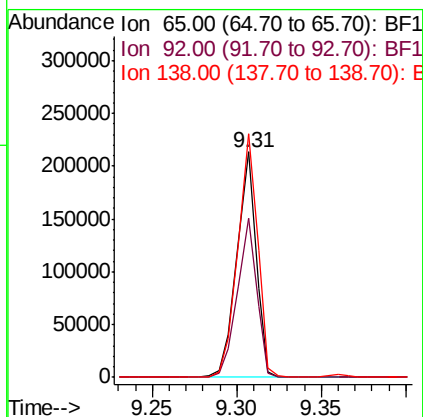
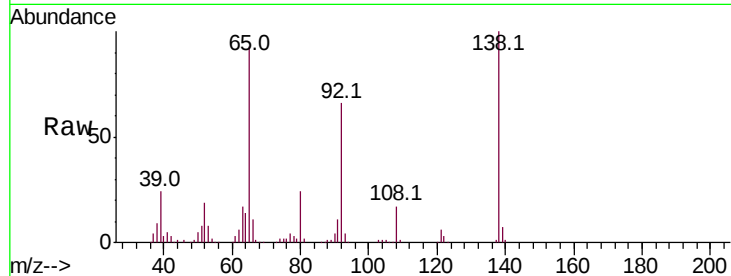
Tgt Ion:	162	Resp:	539022
Ion	Ratio	Lower	Upper
162	100		
127	38.4	33.9	50.9
164	32.8	26.5	39.7





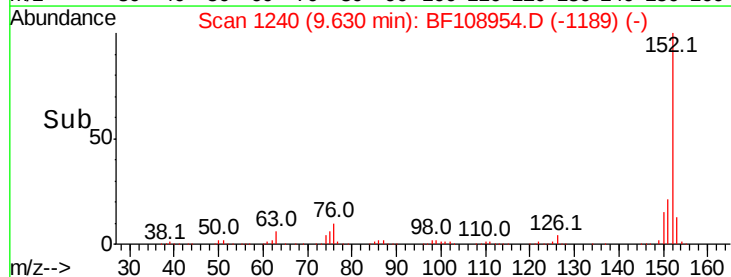
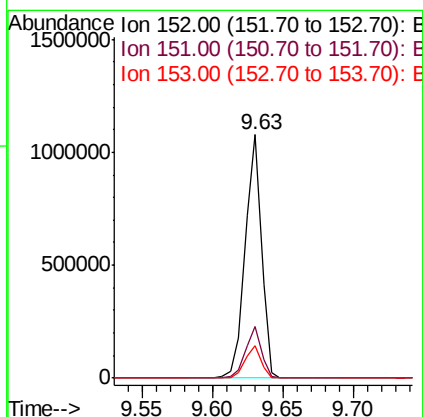
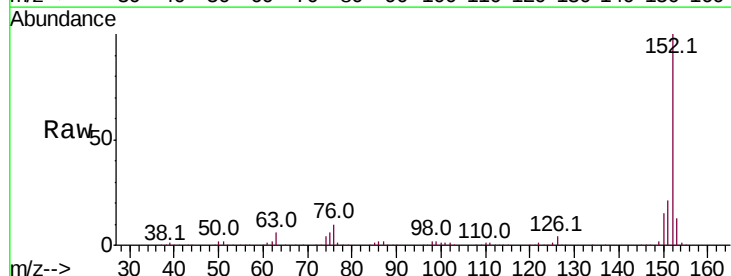
#47
2-Nitroaniline
Concen: 34.465 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF108954.D
Acq: 12 Sep 2018 17:12

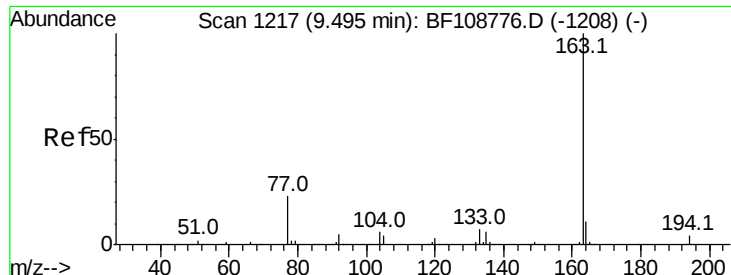
Tot Ion	Ratio	Lower	Upper
65	100		
92	70.8	55.8	83.6
138	108.1	91.2	136.8



#48
Acenaphthylene
Concen: 32.183 ng
RT: 9.63 min Scan# 1240
Delta R.T. -0.00 min
Lab File: BF108954.D
Acq: 12 Sep 2018 17:12

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.3	24.5
153	13.2	10.7	16.1





#49

Dimethylphthalate

Concen: 44.038 ng

RT: 9.50 min Scan# 1217

Delta R.T. -0.00 min

Lab File: BF108954.D

Acq: 12 Sep 2018 17:12

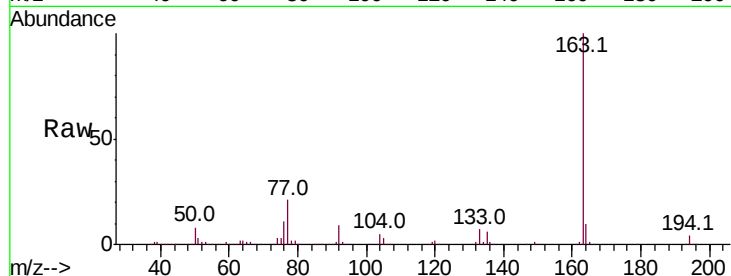
Tot Ion:163 Resp: 895368

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

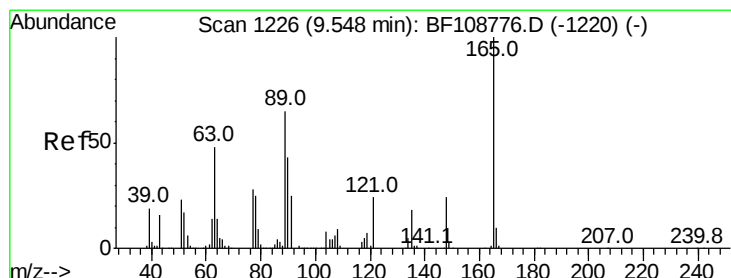
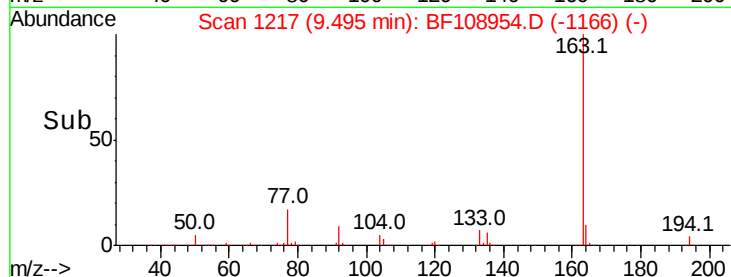
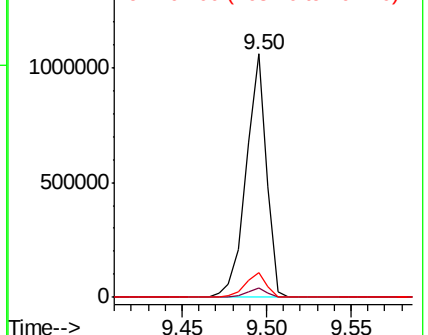
164 10.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 36.186 ng

RT: 9.55 min Scan# 1227

Delta R.T. 0.01 min

Lab File: BF108954.D

Acq: 12 Sep 2018 17:12

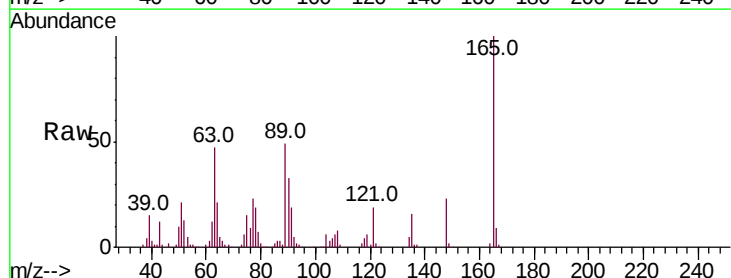
Tgt Ion:165 Resp: 140192

Ion Ratio Lower Upper

165 100

63 46.5 44.7 67.1

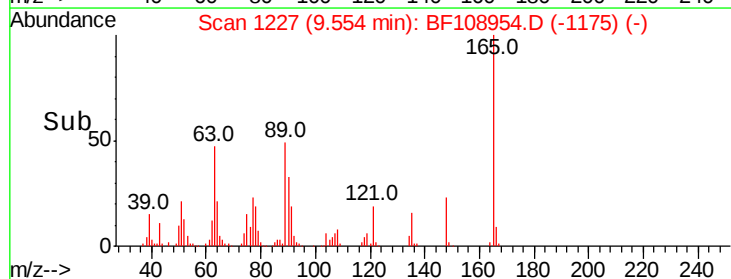
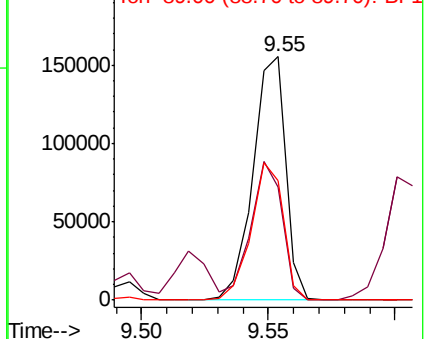
89 48.9 44.0 66.0

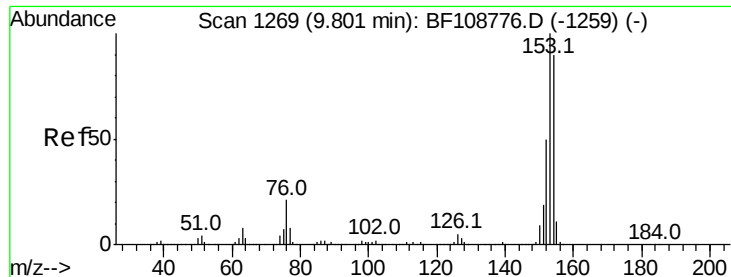


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 32.309 ng

RT: 9.80 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BF108954.D

Acq: 12 Sep 2018 17:12

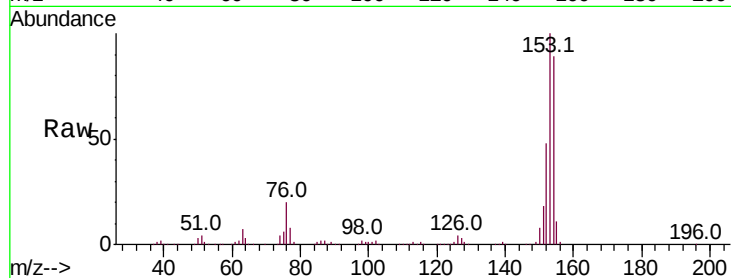
Tot Ion:154 Resp: 539389

Ion Ratio Lower Upper

154 100

153 111.8 91.2 136.8

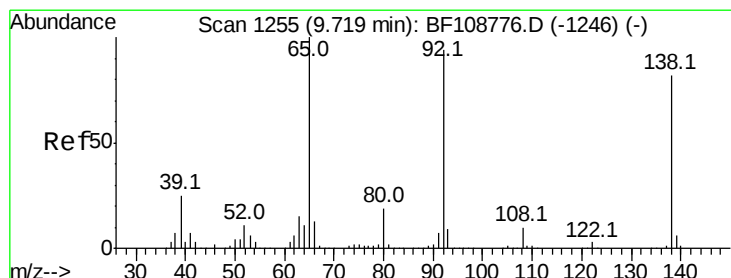
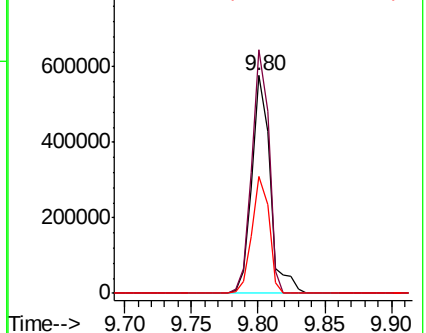
152 53.5 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.383 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF108954.D

Acq: 12 Sep 2018 17:12

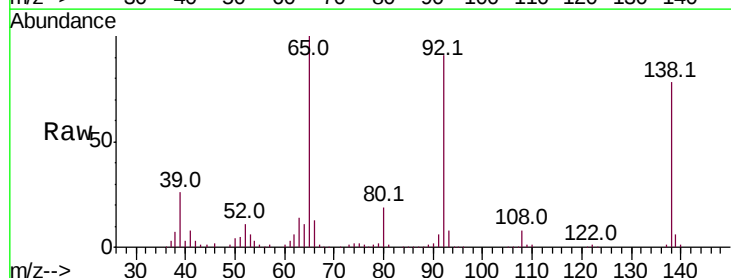
Tgt Ion:138 Resp: 126285

Ion Ratio Lower Upper

138 100

108 9.7 9.4 14.0

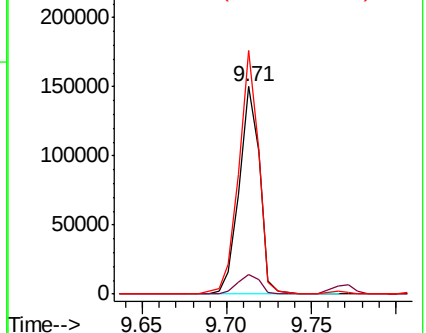
92 117.5 89.4 134.2

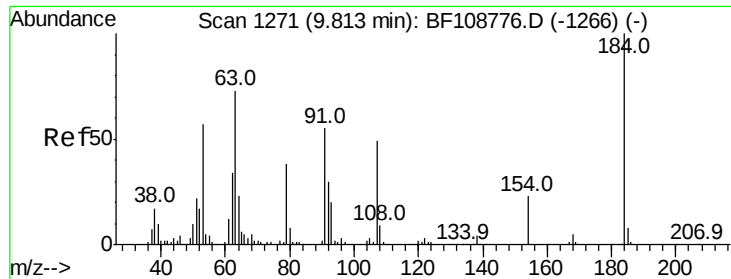


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

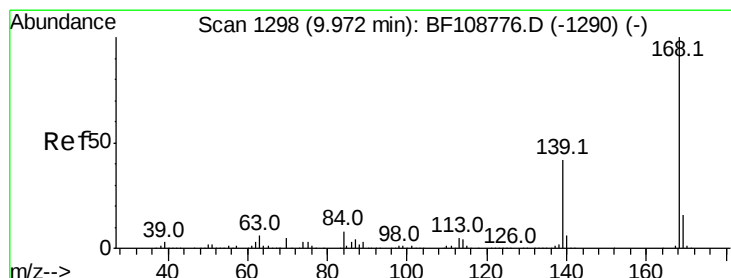
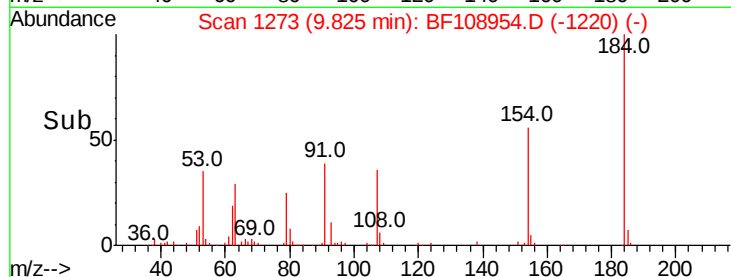
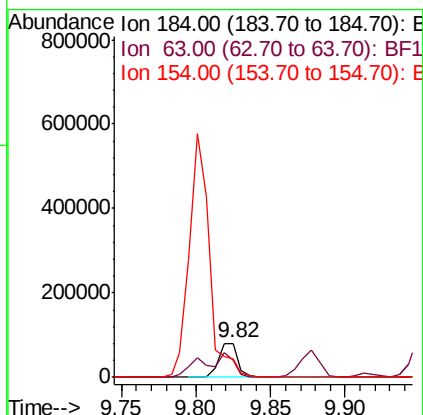
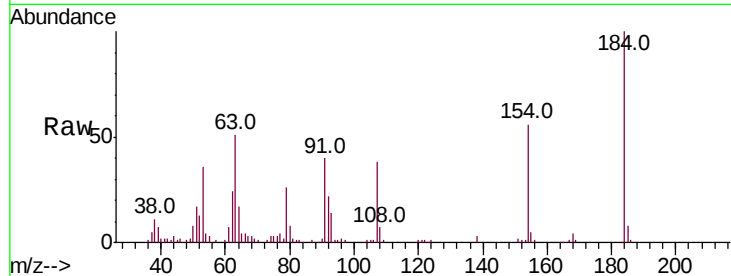
Ion 92.00 (91.70 to 92.70): BF1





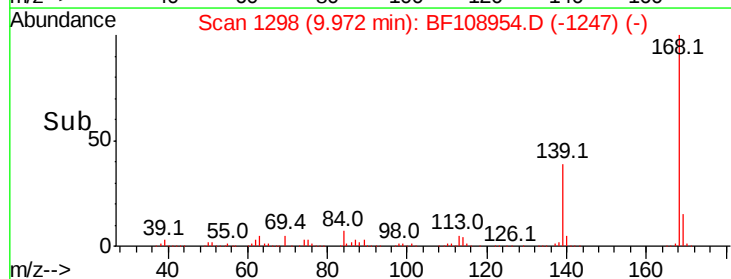
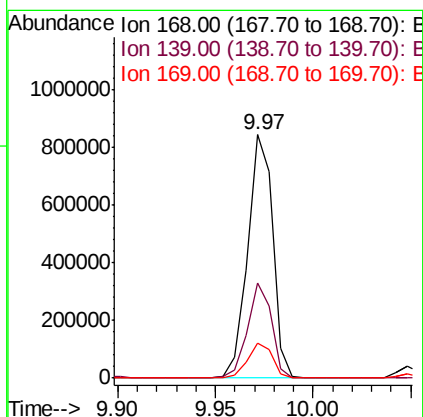
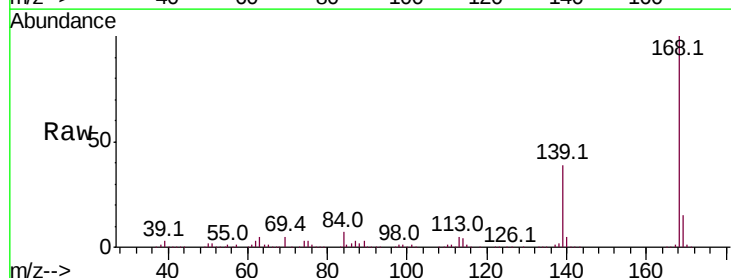
#53
 2,4-Dinitrophenol
 Concen: 54.984 ng
 RT: 9.82 min Scan# 1273
 Delta R.T. 0.01 min
 Lab File: BF108954.D
 Acq: 12 Sep 2018 17:12

Tot Ion	Ratio	Lower	Upper
184	100		
63	50.6	54.2	81.2#
154	55.8	184.0	276.0#



#54
 Dibenzofuran
 Concen: 30.730 ng
 RT: 9.97 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BF108954.D
 Acq: 12 Sep 2018 17:12

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.2	30.1	45.1
169	14.6	10.9	16.3





#55

4-Nitrophenol

Concen: 64.796 ng

RT: 9.88 min Scan# 1282

Delta R.T. 0.01 min

Lab File: BF108954.D

Acq: 12 Sep 2018 17:12

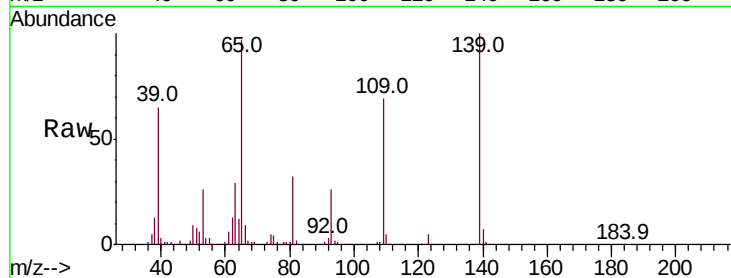
Tot Ion:139 Resp: 223397

Ion Ratio Lower Upper

139 100

109 68.6 48.4 88.4

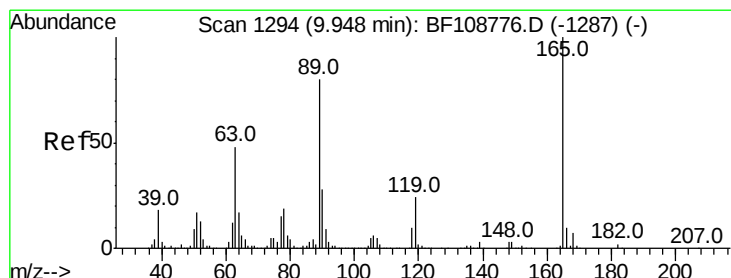
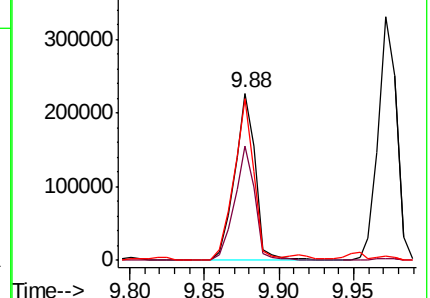
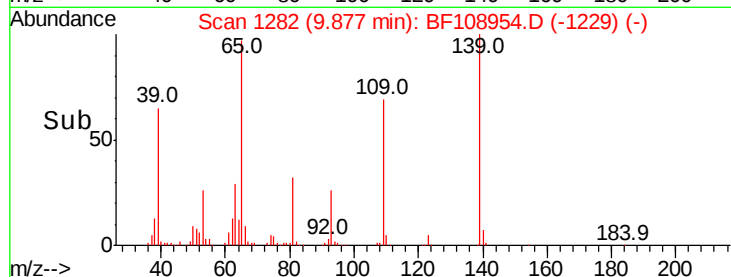
65 96.8 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 37.581 ng

RT: 9.95 min Scan# 1295

Delta R.T. 0.01 min

Lab File: BF108954.D

Acq: 12 Sep 2018 17:12

Tgt Ion:165 Resp: 186198

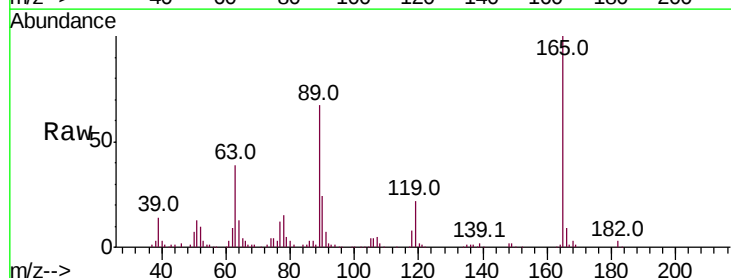
Ion Ratio Lower Upper

165 100

63 39.0 36.4 54.6

89 67.3 57.8 86.6

182 2.7 1.6 2.4#

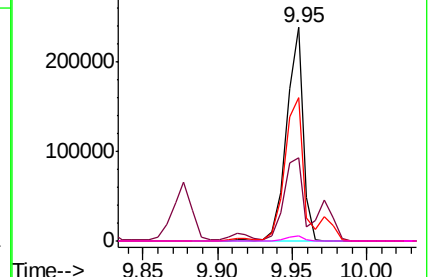
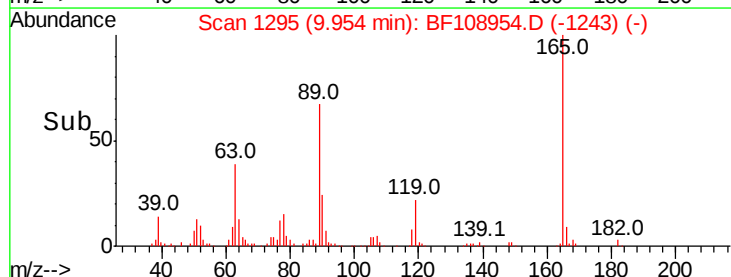


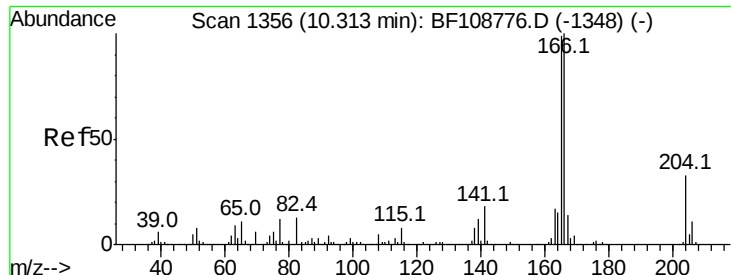
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

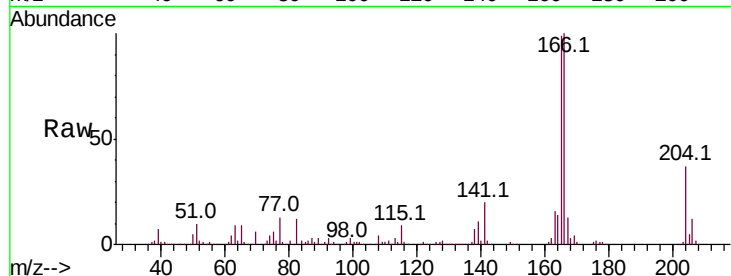
Ion 182.00 (181.70 to 182.70): E



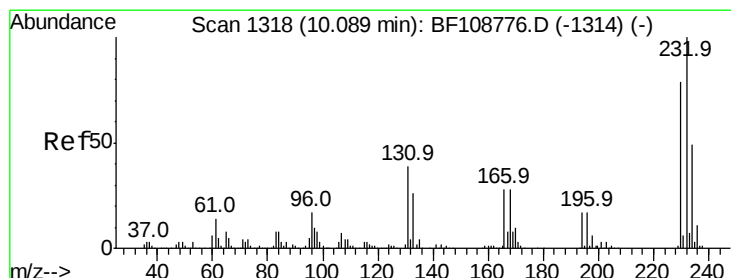
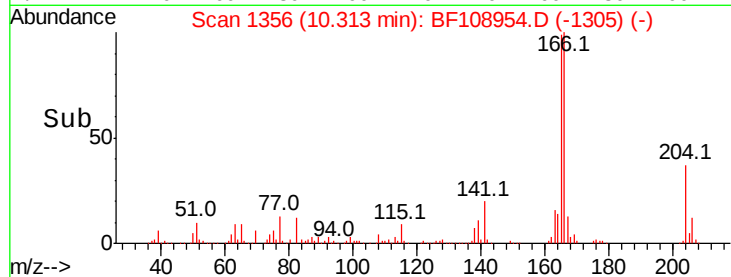
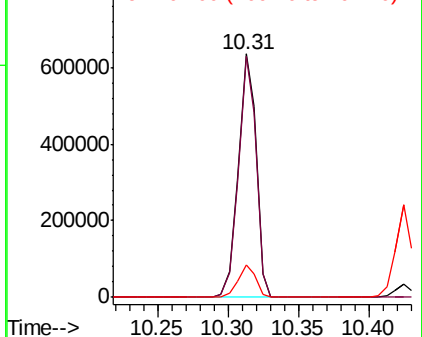


#57
 Fluorene
 Concen: 35.823 ng
 RT: 10.31 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: BF108954.D
 Acq: 12 Sep 2018 17:12

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.8	119.8
167	13.4	10.6	16.0



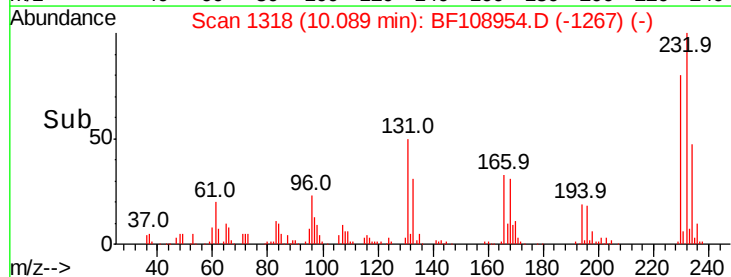
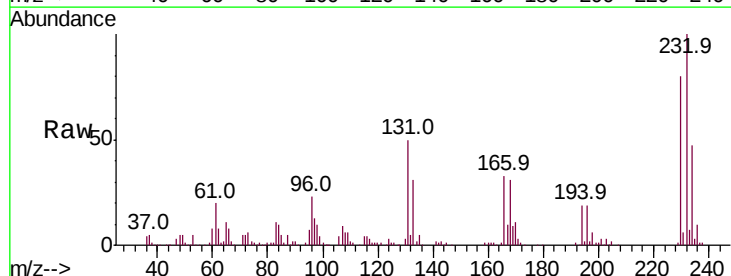
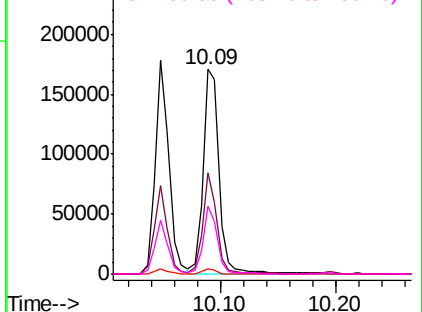
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

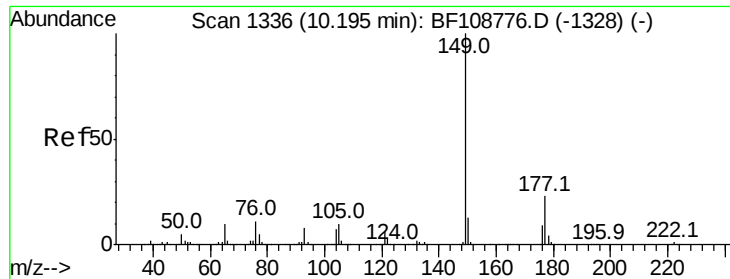


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 33.031 ng
 RT: 10.09 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BF108954.D
 Acq: 12 Sep 2018 17:12

Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.6	43.8	65.8
130	2.3	2.1	3.1
166	30.3	27.8	41.6

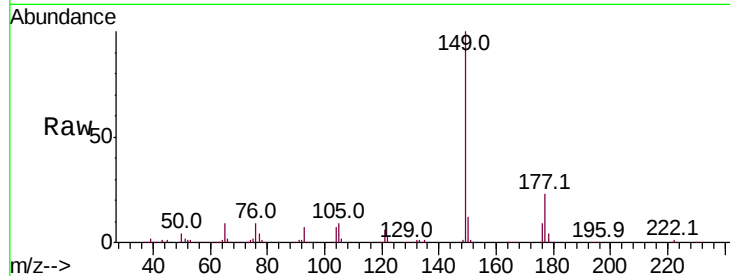
Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E



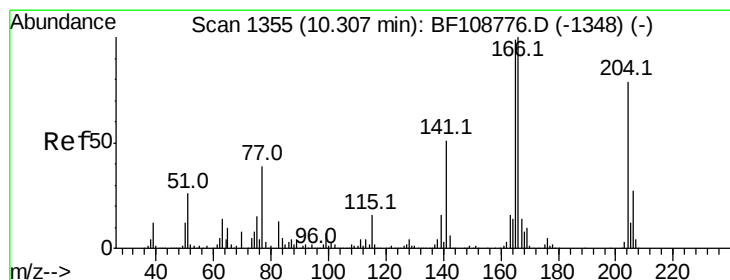
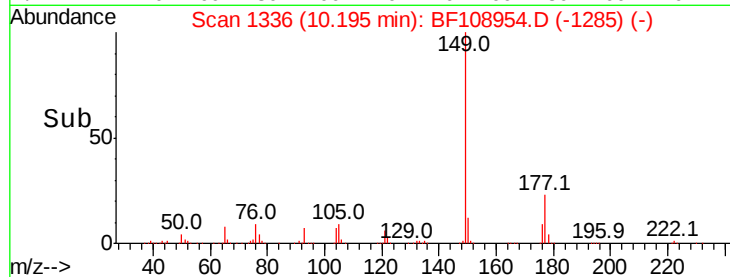
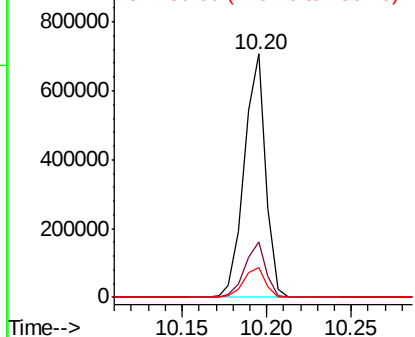


#59
Diethylphthalate
Concen: 29.653 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF108954.D
Acq: 12 Sep 2018 17:12

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.6	16.1	24.1
150	12.3	10.1	15.1

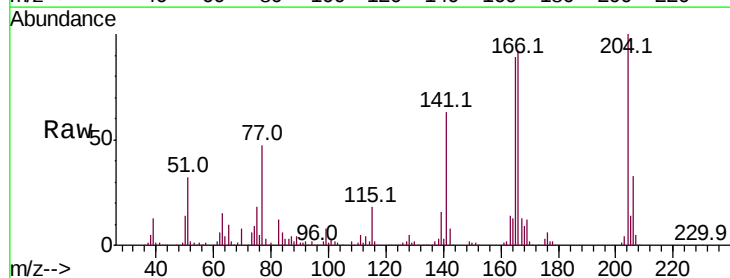


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

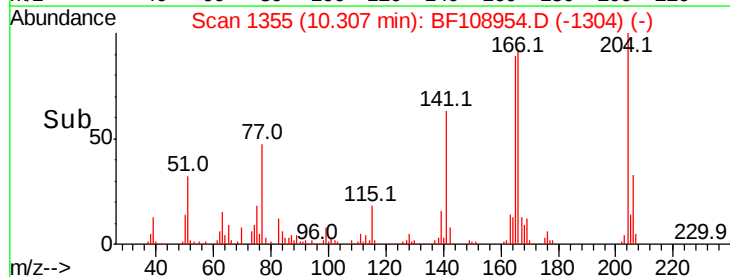
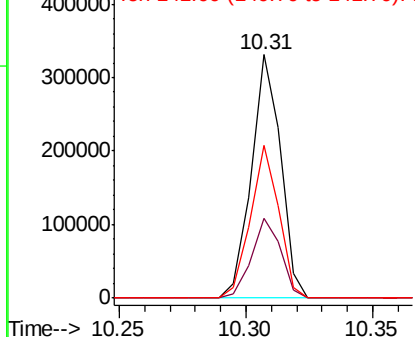


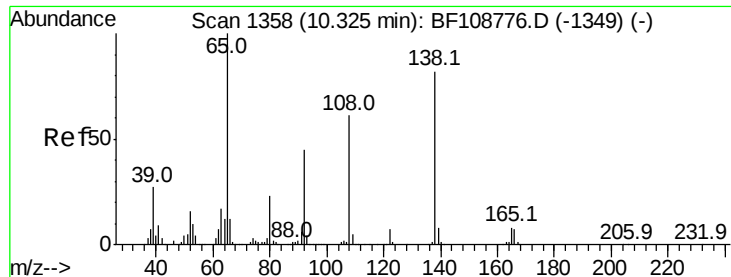
#60
4-Chlorophenyl-phenylether
Concen: 31.999 ng
RT: 10.31 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF108954.D
Acq: 12 Sep 2018 17:12

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.5	39.7
141	62.5	54.6	81.8



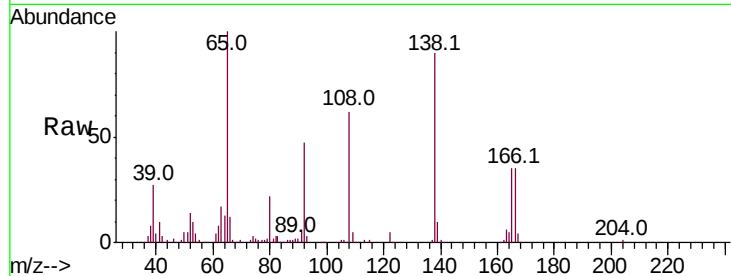
Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



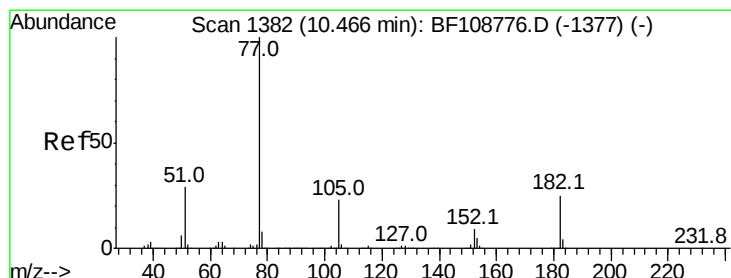
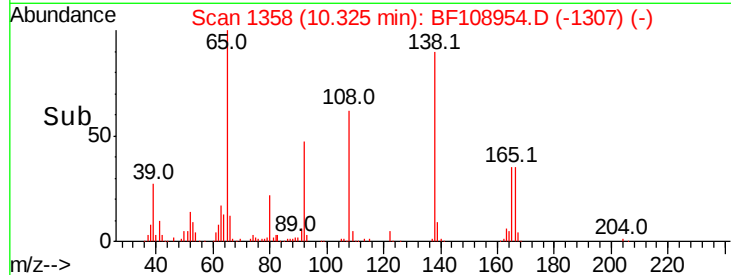
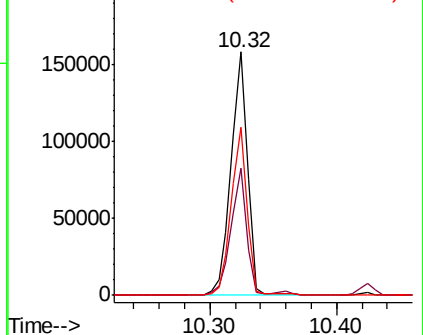


#61
4-Nitroaniline
Concen: 34.366 ng
RT: 10.32 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BF108954.D
Acq: 12 Sep 2018 17:12

Tot Ion:138 Resp: 143578
Ion Ratio Lower Upper
138 100
92 52.0 30.2 70.2
108 69.1 52.5 92.5

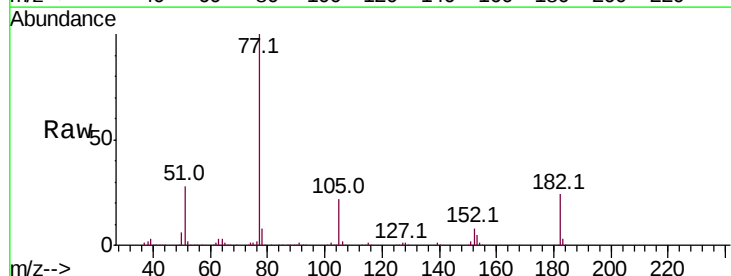


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

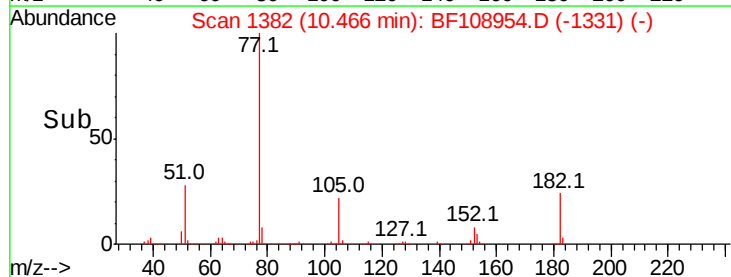
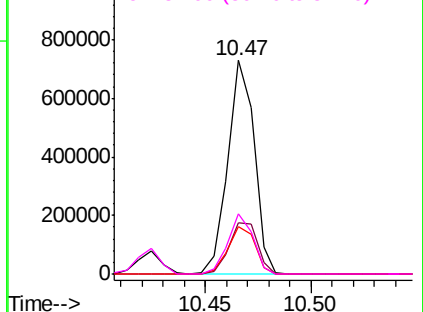


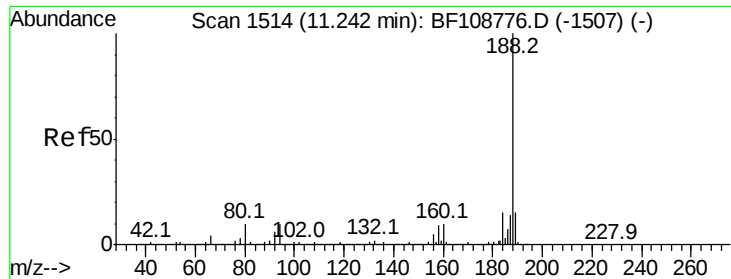
#62
Azobenzene
Concen: 28.998 ng
RT: 10.47 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BF108954.D
Acq: 12 Sep 2018 17:12

Tgt Ion: 77 Resp: 628037
Ion Ratio Lower Upper
77 100
182 24.3 1.7 41.7
105 22.5 3.0 43.0
51 27.9 9.9 49.9



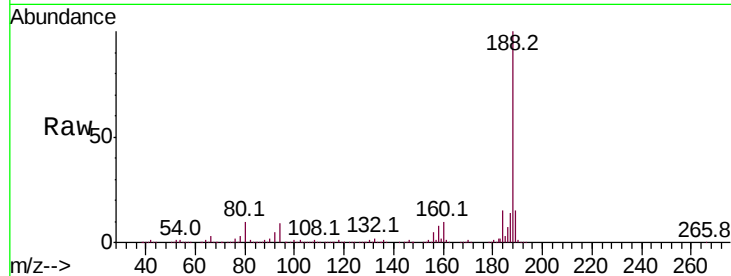
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1



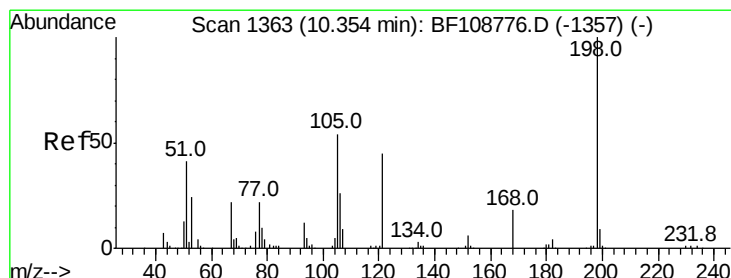
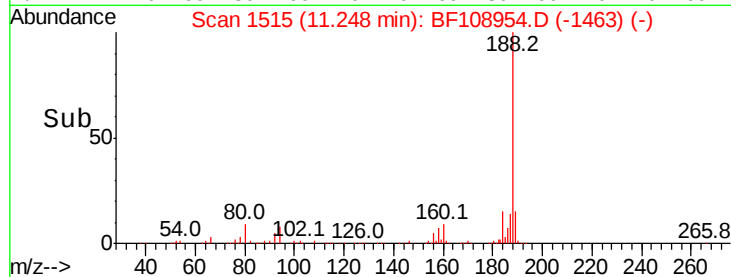
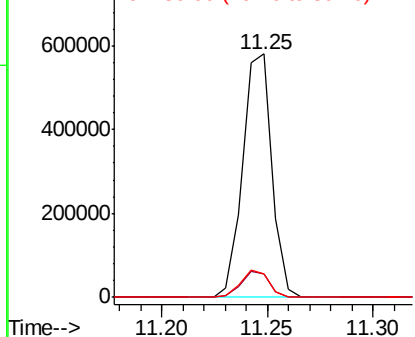


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF108954.D
Acq: 12 Sep 2018 17:12

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	9.5	9.2	13.8

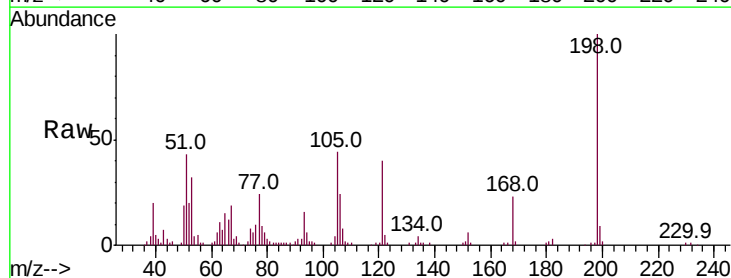


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

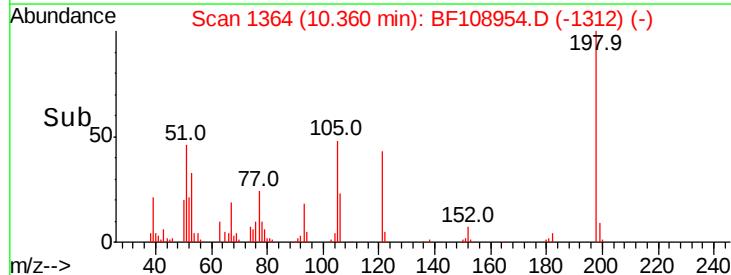
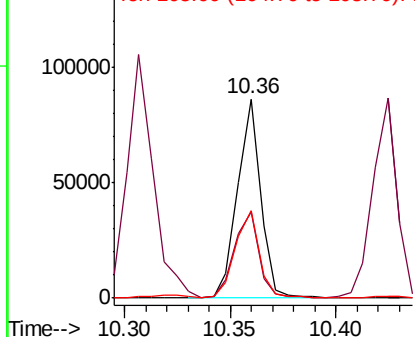


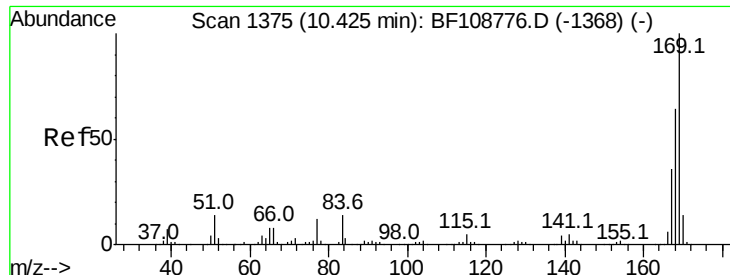
#64
4,6-Dinitro-2-methylphenol
Concen: 32.556 ng
RT: 10.36 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF108954.D
Acq: 12 Sep 2018 17:12

Tgt Ion	Ratio	Lower	Upper
198	100		
51	43.1	37.7	77.7
105	44.0	36.3	76.3



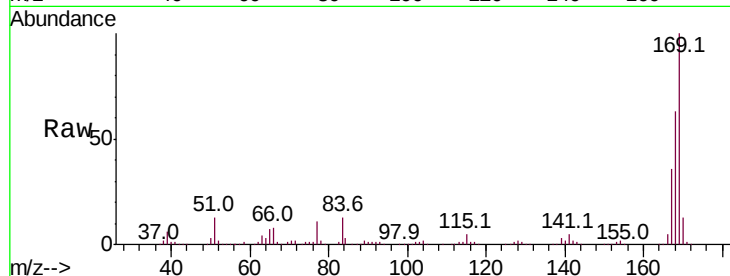
Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



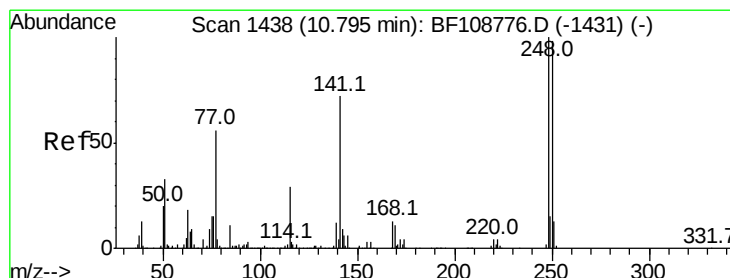
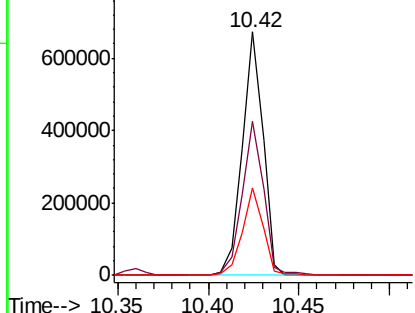
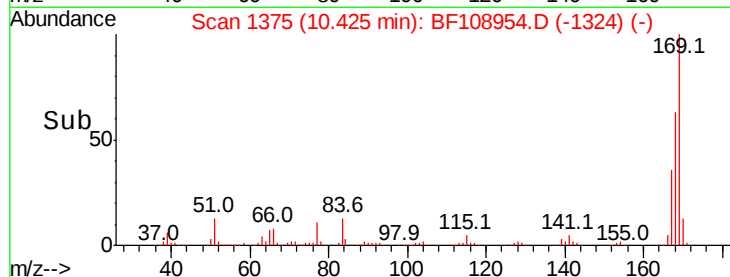


#65
 n-Nitrosodiphenylamine
 Concen: 29.126 ng
 RT: 10.42 min Scan# 1375
 Delta R.T. -0.00 min
 Lab File: BF108954.D
 Acq: 12 Sep 2018 17:12

Tot Ion	Ratio	Lower	Upper
169	100		
168	63.3	54.4	81.6
167	36.1	29.8	44.6

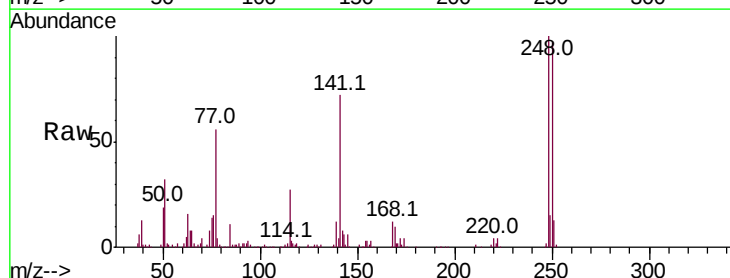


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

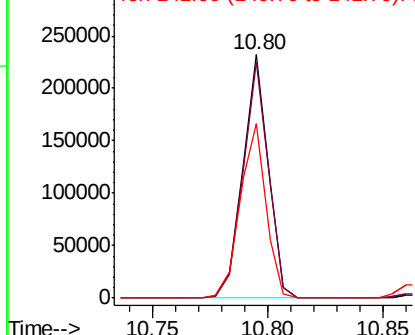
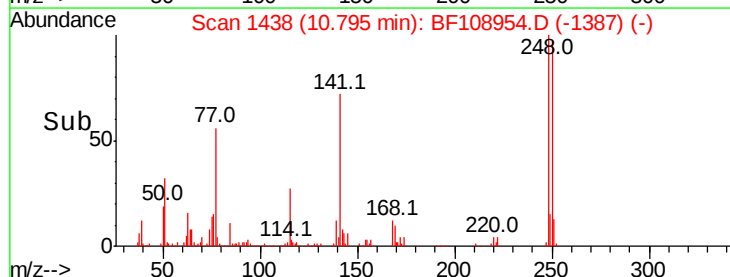


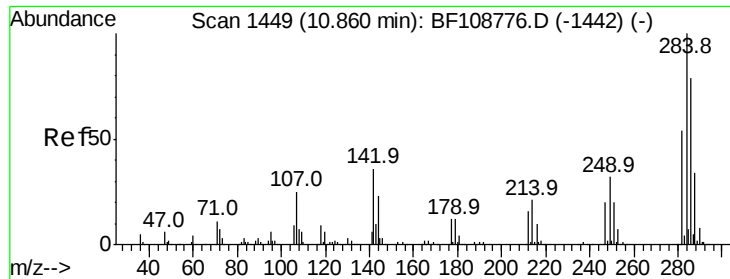
#66
 4-Bromophenyl-phenylether
 Concen: 28.609 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF108954.D
 Acq: 12 Sep 2018 17:12

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.8	76.9	115.3
141	71.9	74.4	111.6#



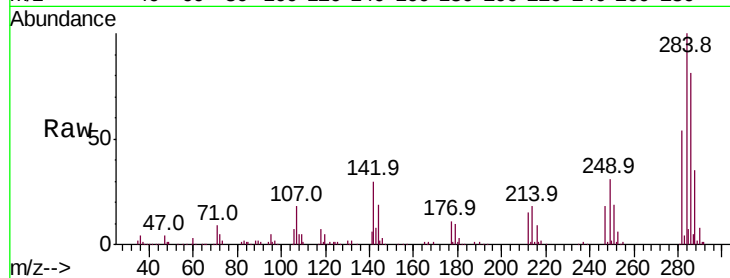
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



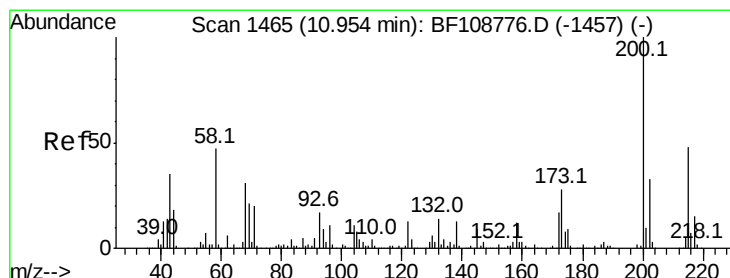
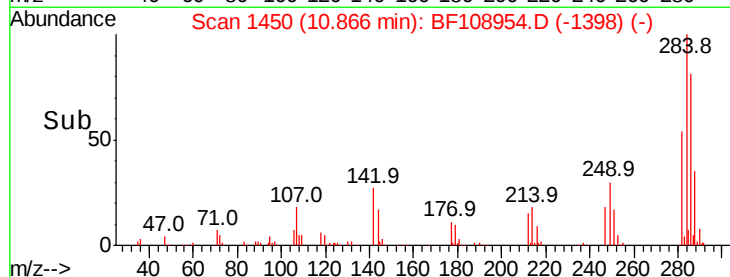
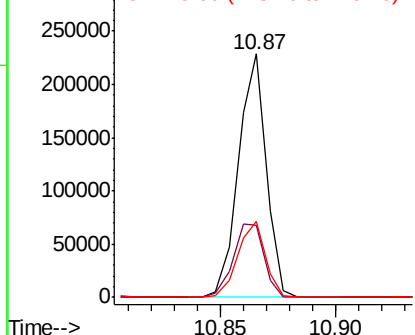


#67
Hexachlorobenzene
Concen: 28.653 ng
RT: 10.87 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BF108954.D
Acq: 12 Sep 2018 17:12

Tot Ion	Ratio	Lower	Upper
284	100		
142	29.8	34.6	52.0#
249	31.0	24.8	37.2

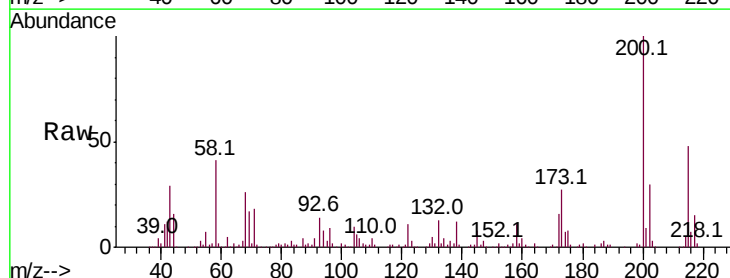


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

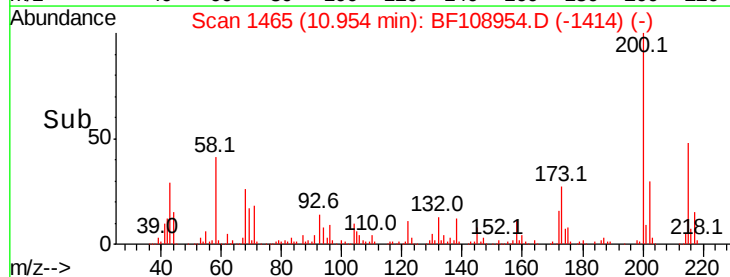
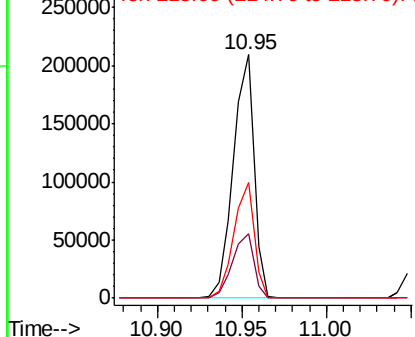


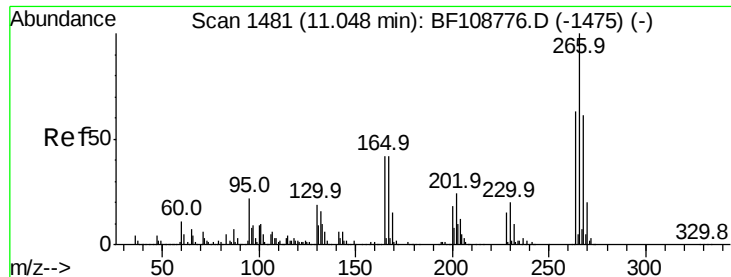
#68
Atrazine
Concen: 30.354 ng
RT: 10.95 min Scan# 1465
Delta R.T. -0.00 min
Lab File: BF108954.D
Acq: 12 Sep 2018 17:12

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.6	8.6	48.6
215	47.7	25.1	65.1



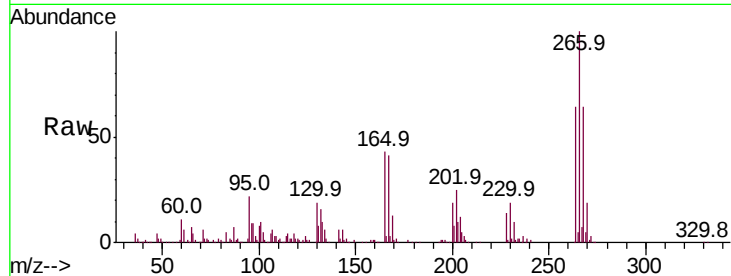
Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



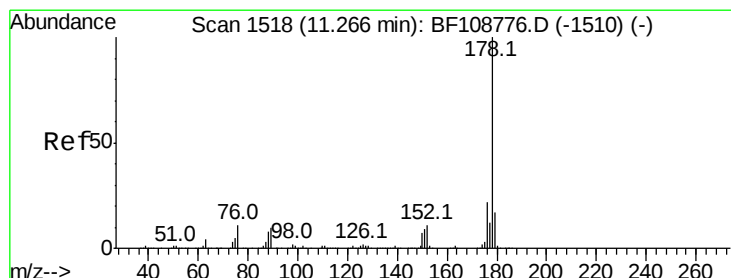
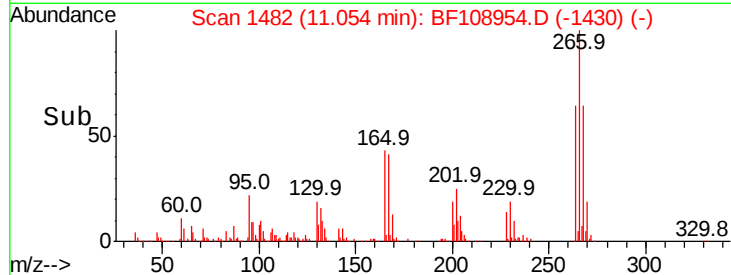
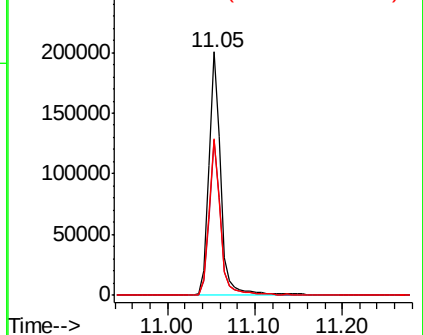


#69
 Pentachlorophenol
 Concen: 46.786 ng
 RT: 11.05 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BF108954.D
 Acq: 12 Sep 2018 17:12

Tot Ion:	266	Resp:	190935
Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.1	76.7
264	64.2	49.5	74.3

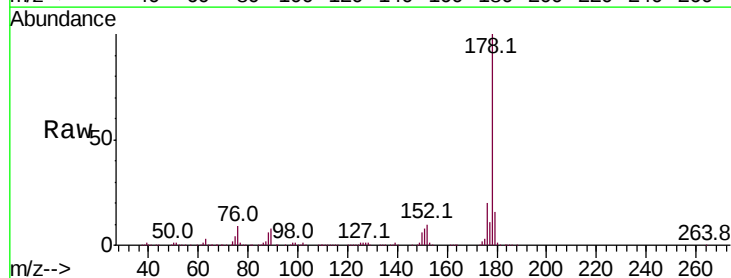


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

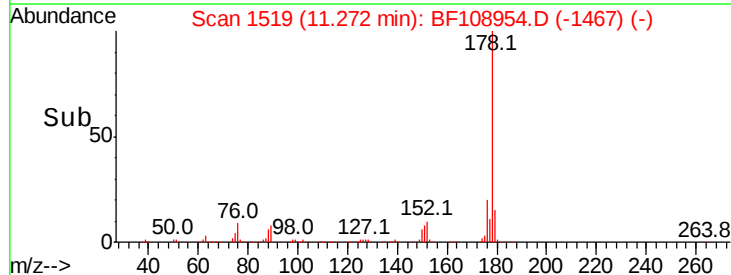
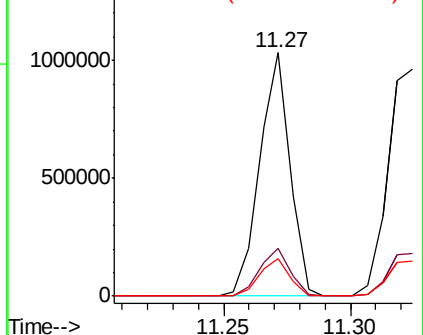


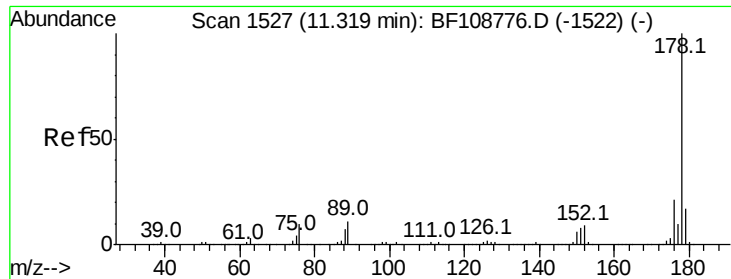
#70
 Phenanthrene
 Concen: 32.352 ng
 RT: 11.27 min Scan# 1519
 Delta R.T. 0.01 min
 Lab File: BF108954.D
 Acq: 12 Sep 2018 17:12

Tgt Ion:	178	Resp:	855347
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.6	13.0	19.6



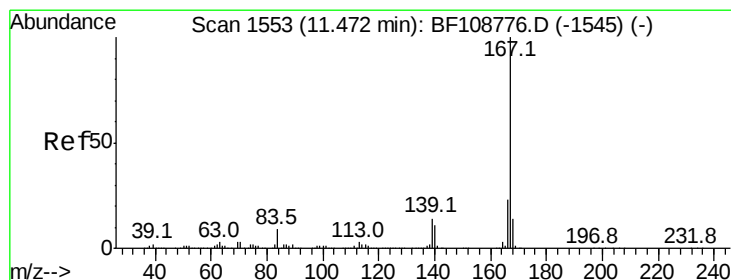
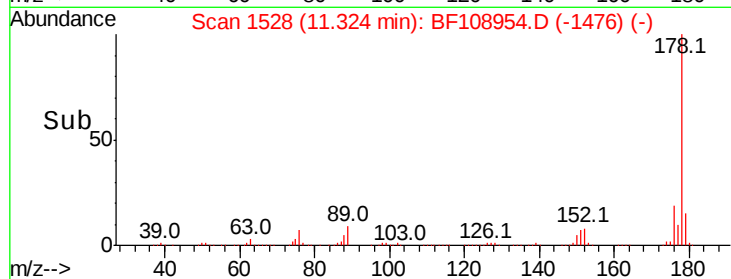
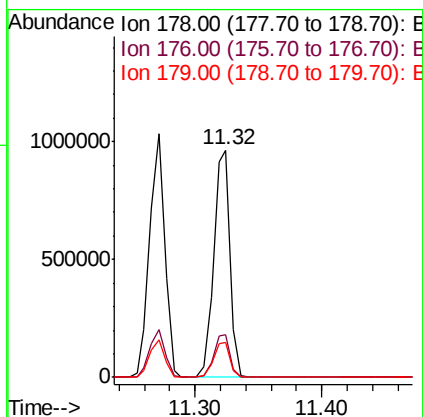
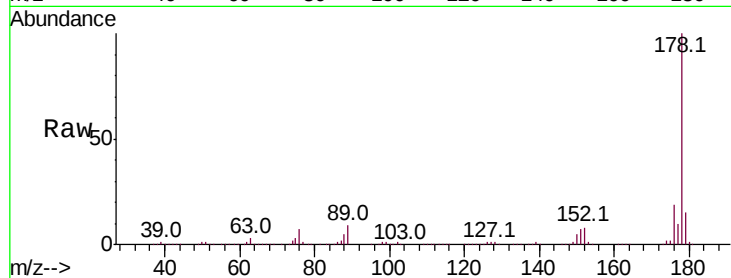
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





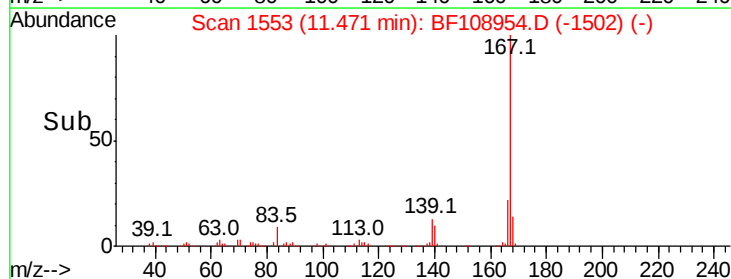
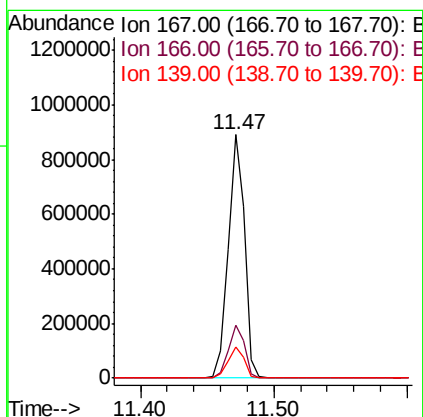
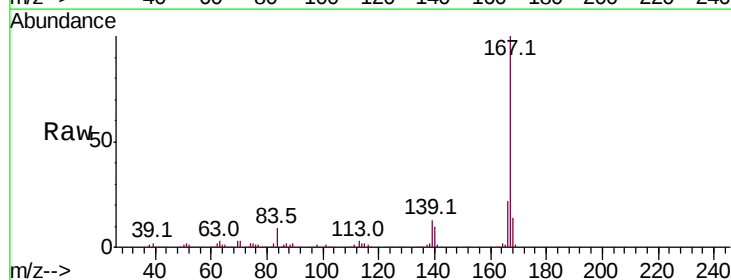
#71
 Anthracene
 Concen: 34.775 ng
 RT: 11.32 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BF108954.D
 Acq: 12 Sep 2018 17:12

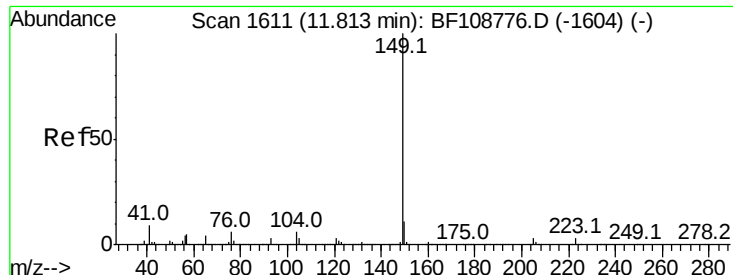
Tot Ion:178 Resp: 880278
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 28.911 ng
 RT: 11.47 min Scan# 1553
 Delta R.T. -0.00 min
 Lab File: BF108954.D
 Acq: 12 Sep 2018 17:12

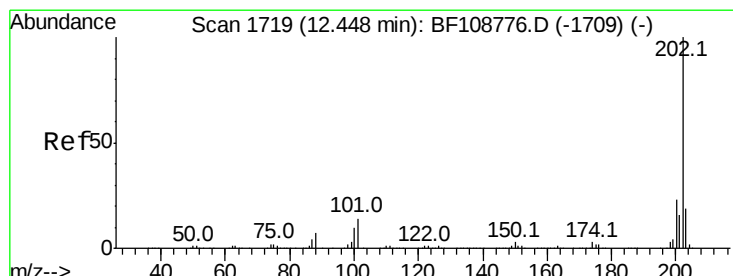
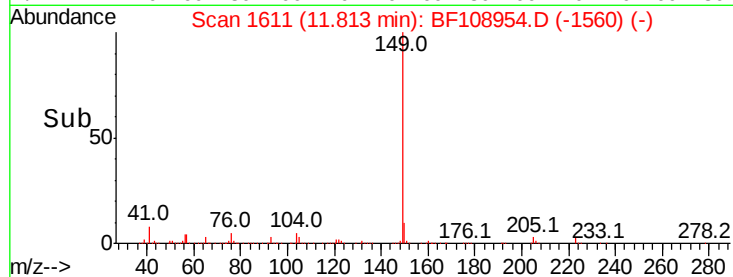
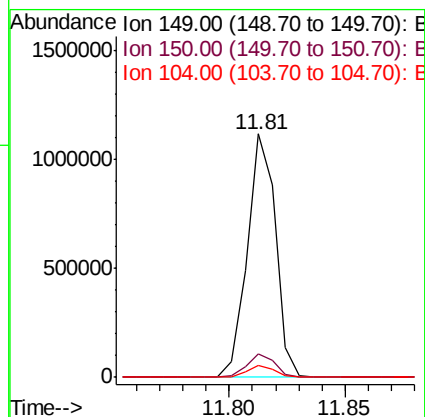
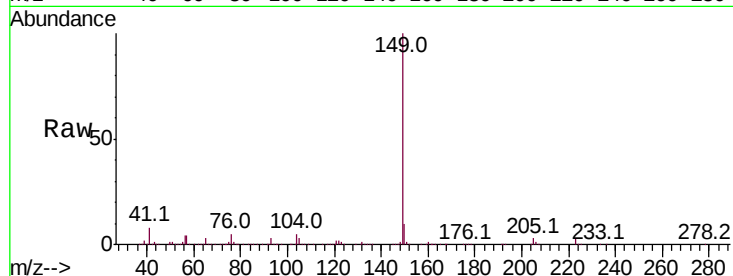
Tgt Ion:167 Resp: 770712
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 13.0 10.9 16.3





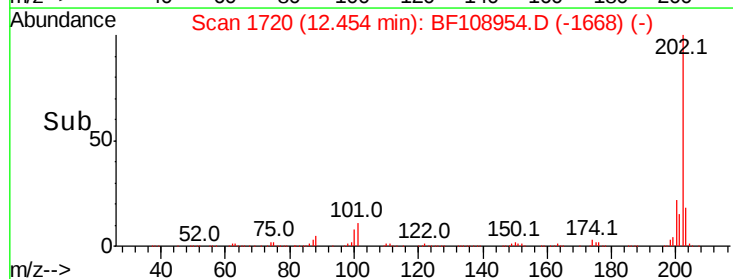
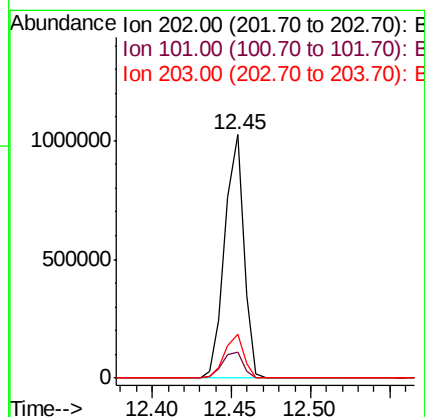
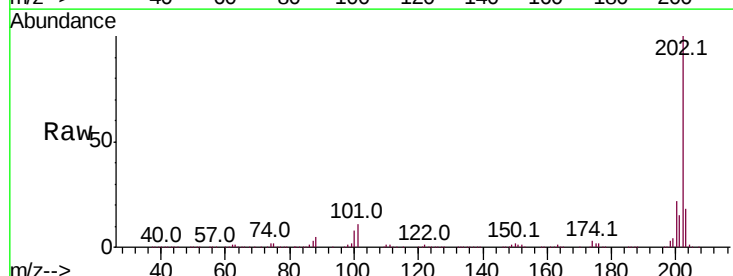
#73
Di-n-butylphthalate
Concen: 32.277 ng
RT: 11.81 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BF108954.D
Acq: 12 Sep 2018 17:12

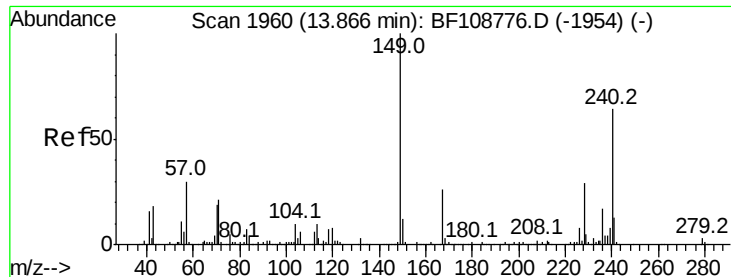
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.6
104	4.8	3.8	5.8



#74
Fluoranthene
Concen: 32.713 ng
RT: 12.45 min Scan# 1720
Delta R.T. 0.01 min
Lab File: BF108954.D
Acq: 12 Sep 2018 17:12

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	34.1
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 1961

Delta R.T. 0.01 min

Lab File: BF108954.D

Acq: 12 Sep 2018 17:12

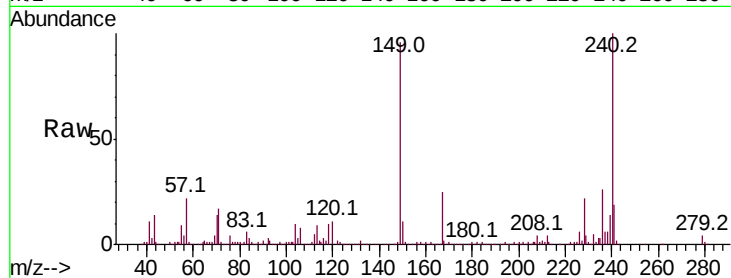
Tot Ion:240 Resp: 337116

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

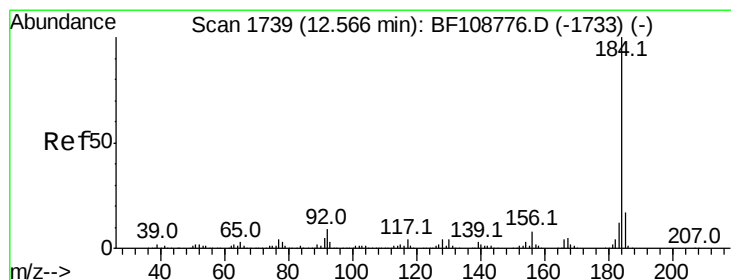
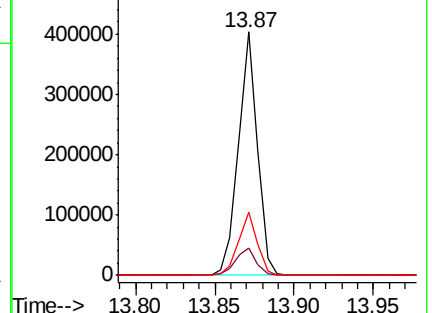
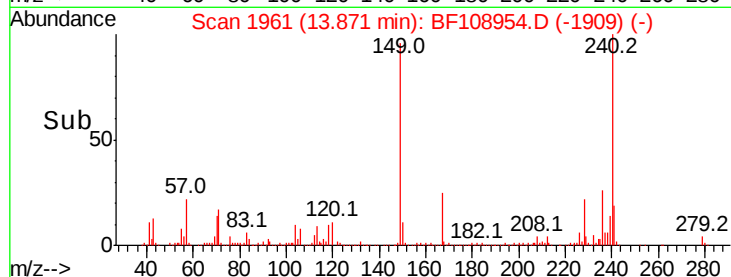
236 25.9 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 18.202 ng

RT: 12.57 min Scan# 1740

Delta R.T. 0.01 min

Lab File: BF108954.D

Acq: 12 Sep 2018 17:12

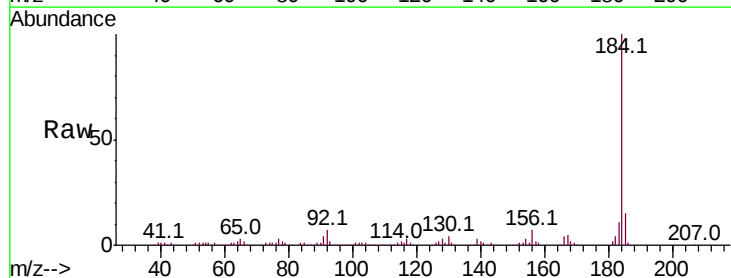
Tgt Ion:184 Resp: 290827

Ion Ratio Lower Upper

184 100

185 14.6 12.6 18.8

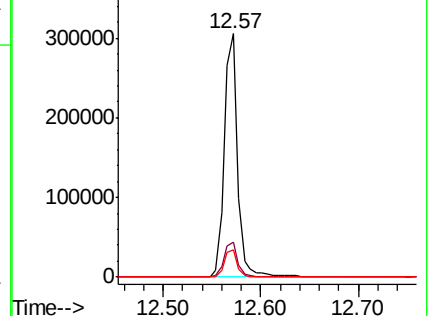
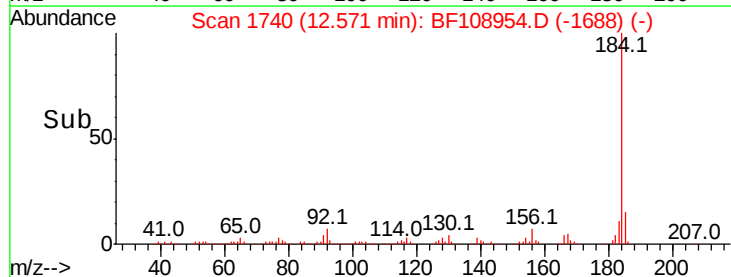
183 11.4 9.3 13.9

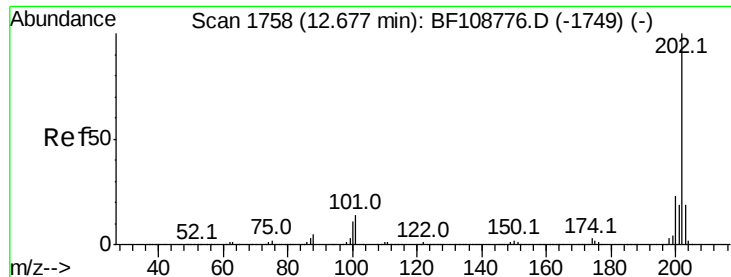


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

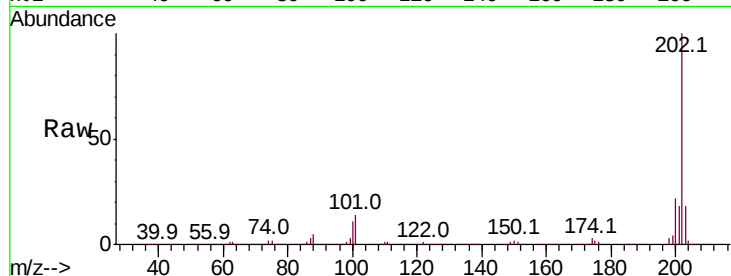
Ion 183.00 (182.70 to 183.70): E





#77
Pvrene
Concen: 32.890 ng
RT: 12.68 min Scan# 1758
Delta R.T. -0.00 min
Lab File: BF108954.D
Acq: 12 Sep 2018 17:12

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

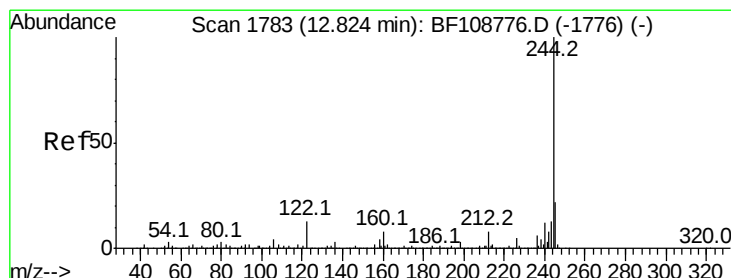
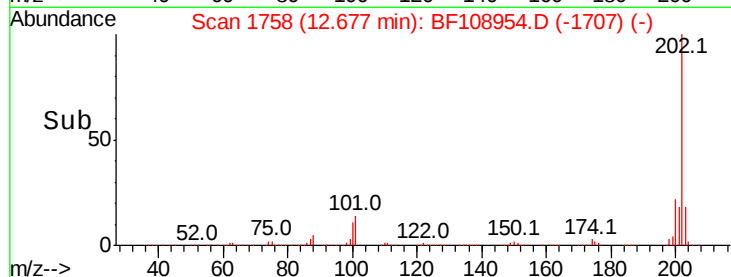
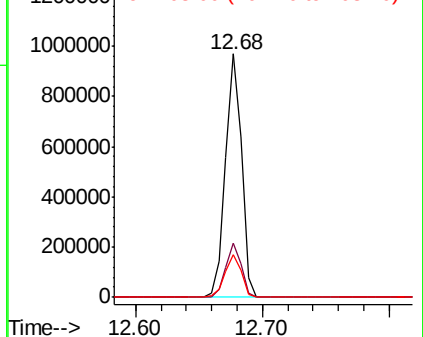


Abundance

Ion 202.00 (201.70 to 202.70): E

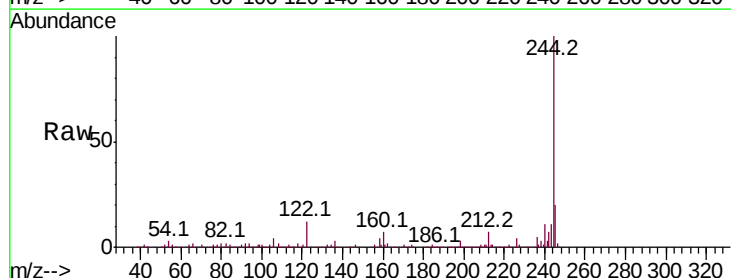
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 74.102 ng
RT: 12.82 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BF108954.D
Acq: 12 Sep 2018 17:12

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	12.5	11.0	16.4

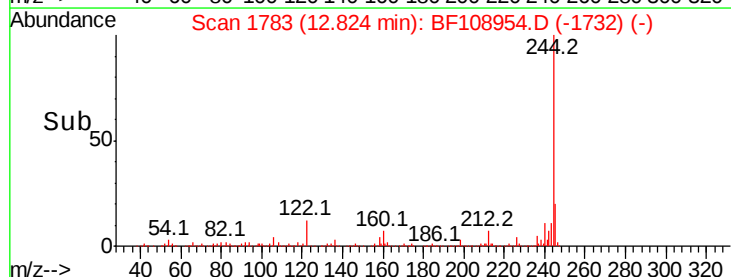
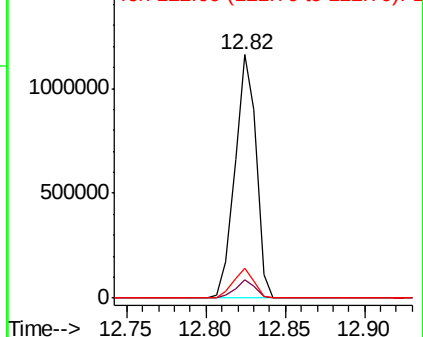


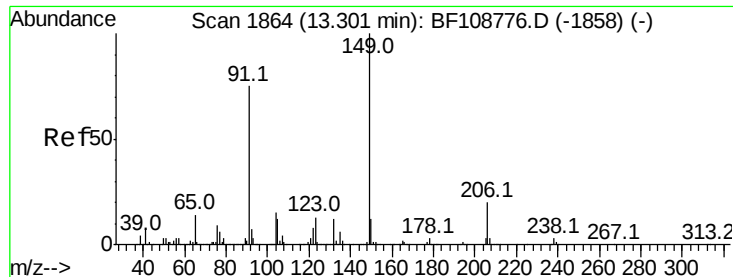
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

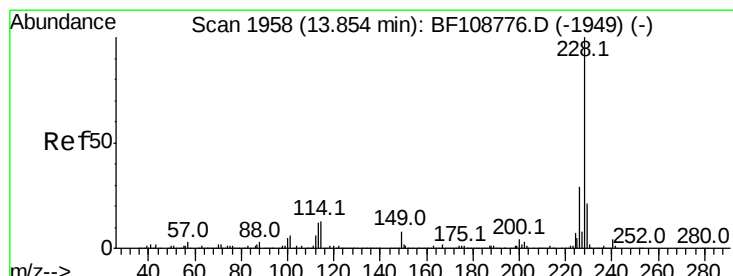
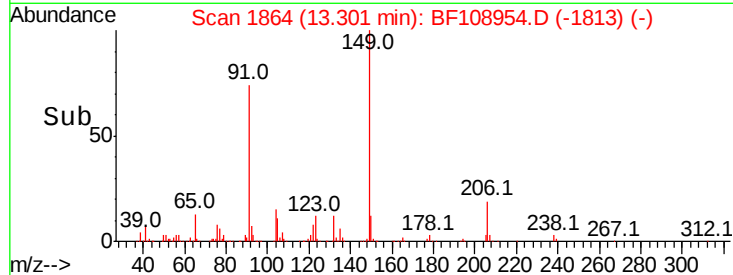
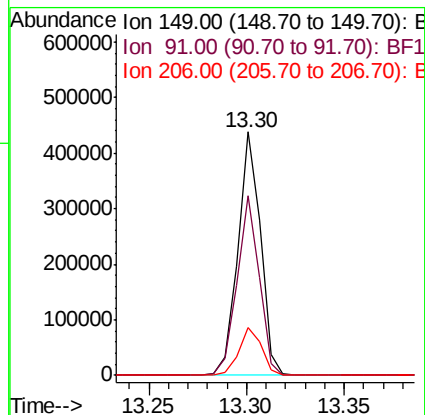
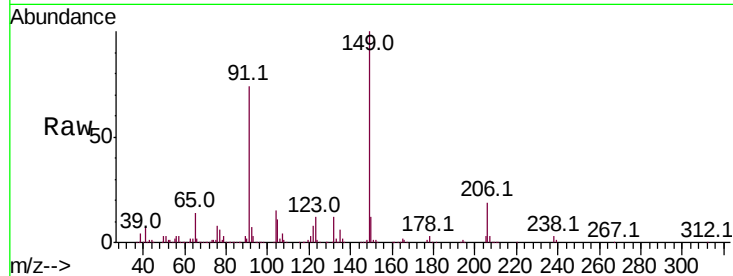
Ion 122.00 (121.70 to 122.70): E





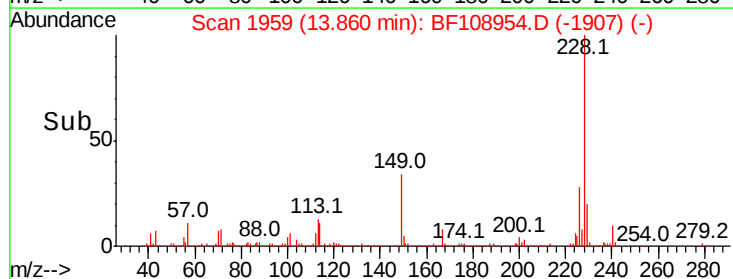
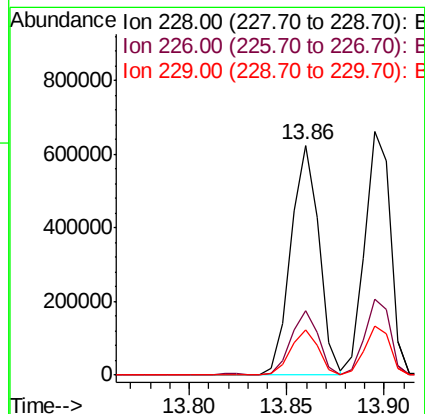
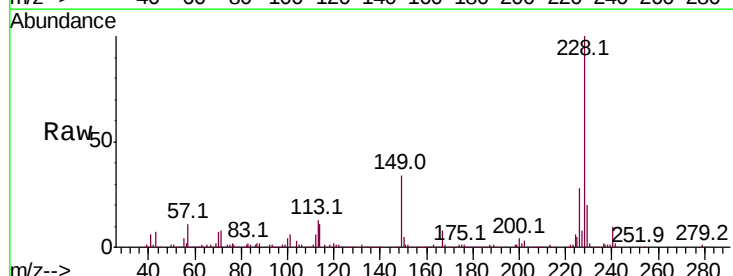
#79
Butylbenzylphthalate
Concen: 29.999 ng
RT: 13.30 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BF108954.D
Acq: 12 Sep 2018 17:12

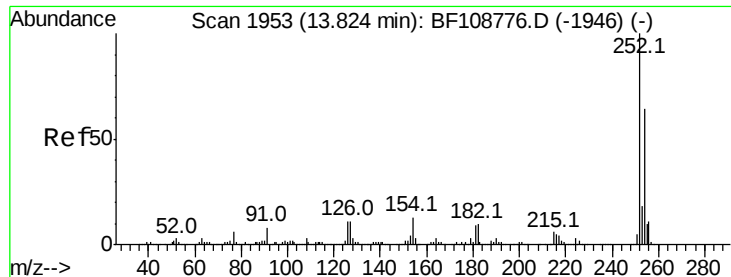
Tot Ion	Ratio	Lower	Upper
149	100		
91	73.9	56.8	85.2
206	19.4	14.1	21.1



#80
Benzo(a)anthracene
Concen: 28.736 ng
RT: 13.86 min Scan# 1959
Delta R.T. 0.01 min
Lab File: BF108954.D
Acq: 12 Sep 2018 17:12

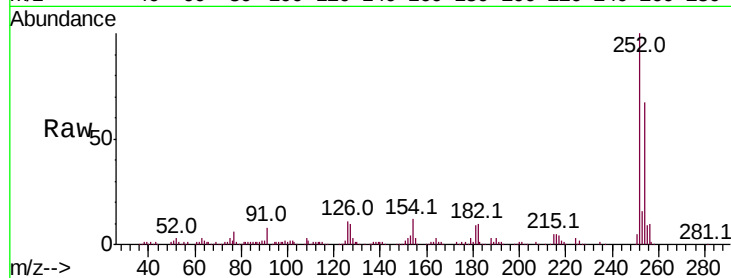
Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	19.8	15.8	23.6



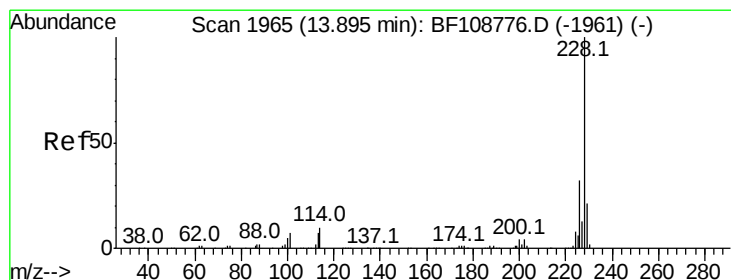
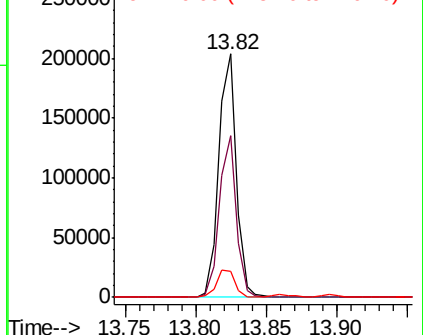
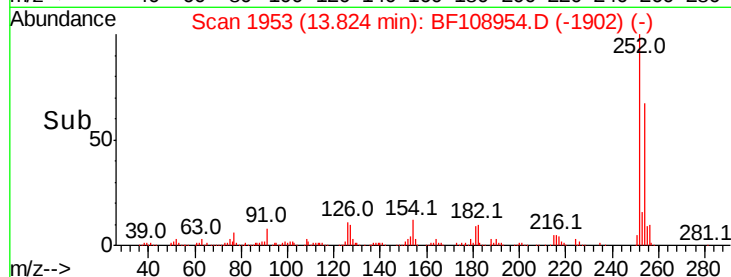


#81
 3,3'-Dichlorobenzidine
 Concen: 20.979 ng
 RT: 13.82 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: BF108954.D
 Acq: 12 Sep 2018 17:12

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.6	50.4	75.6
126	10.8	11.3	16.9

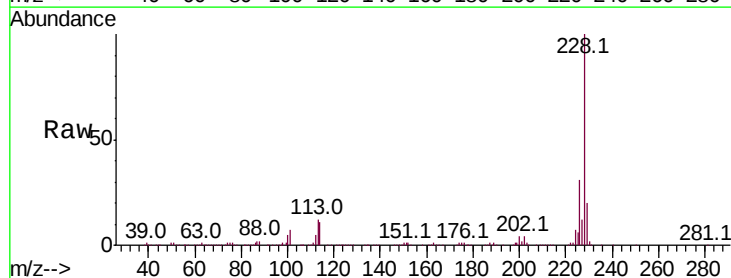


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

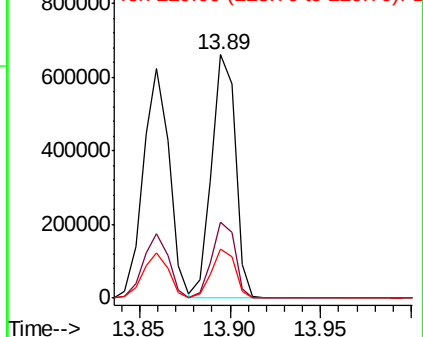
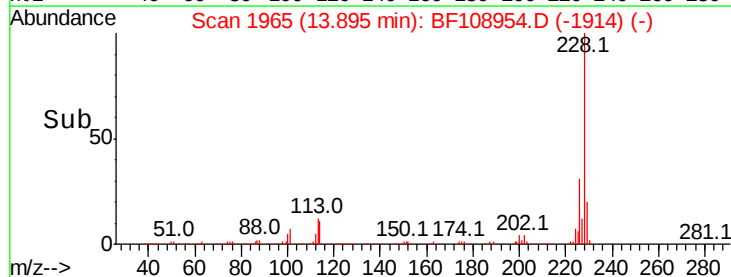


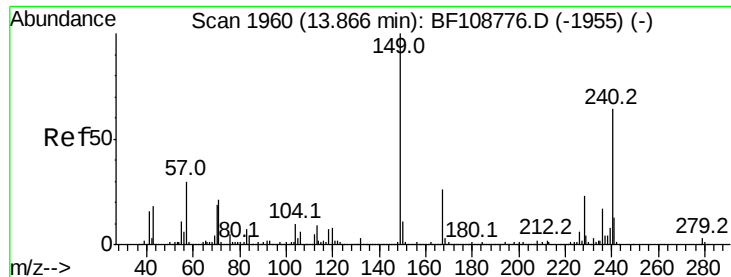
#82
 Chrysene
 Concen: 28.826 ng
 RT: 13.89 min Scan# 1965
 Delta R.T. -0.00 min
 Lab File: BF108954.D
 Acq: 12 Sep 2018 17:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	20.0	16.2	24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 28.545 ng

RT: 13.87 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BF108954.D

Acq: 12 Sep 2018 17:12

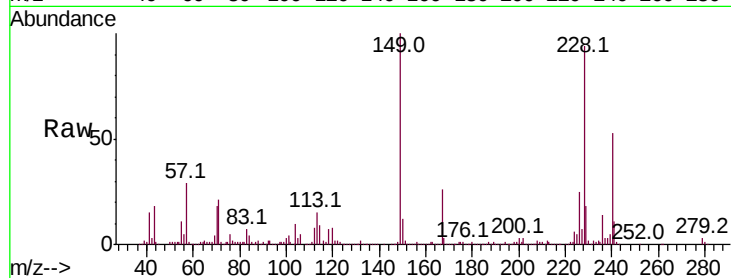
Tot Ion:149 Resp: 419057

Ion Ratio Lower Upper

149 100

167 26.0 21.3 31.9

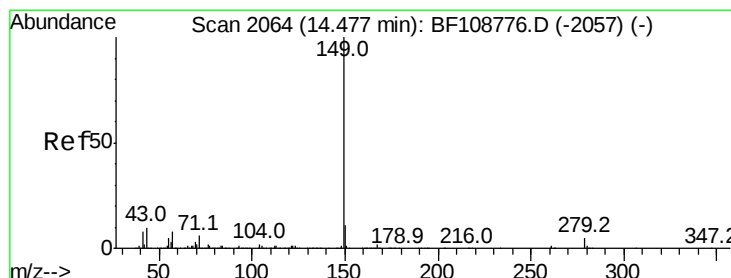
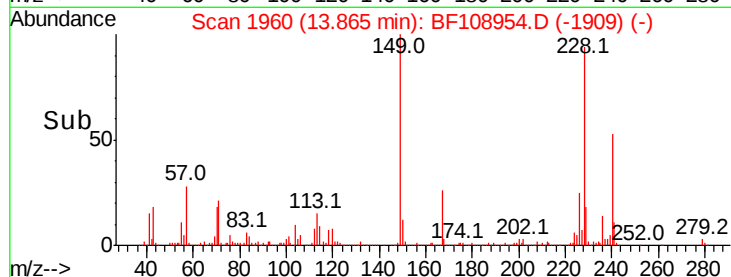
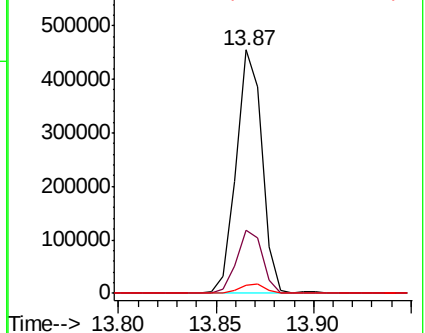
279 3.2 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 28.322 ng

RT: 14.47 min Scan# 2063

Delta R.T. -0.01 min

Lab File: BF108954.D

Acq: 12 Sep 2018 17:12

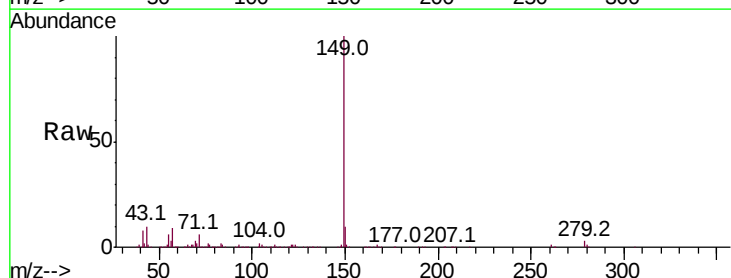
Tgt Ion:149 Resp: 693177

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

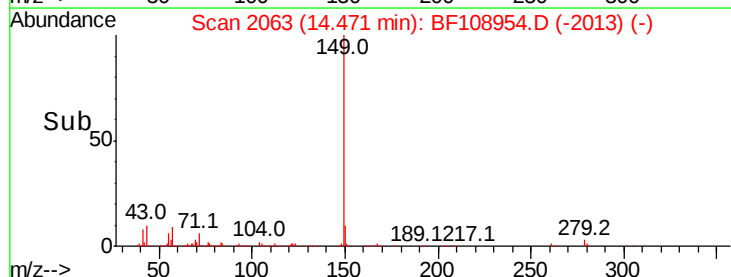
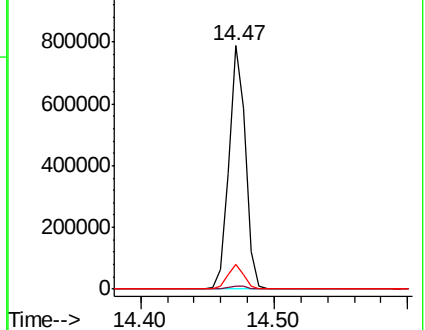
43 9.7 8.4 12.6

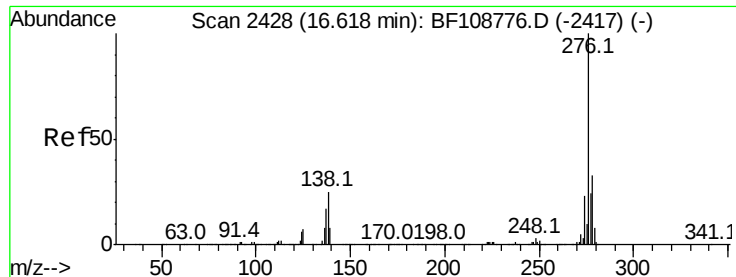


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

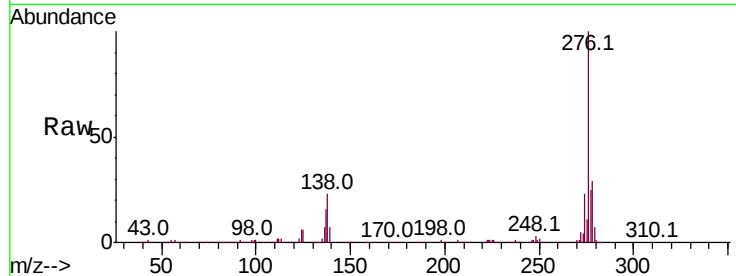
Ion 43.00 (42.70 to 43.70): BF1



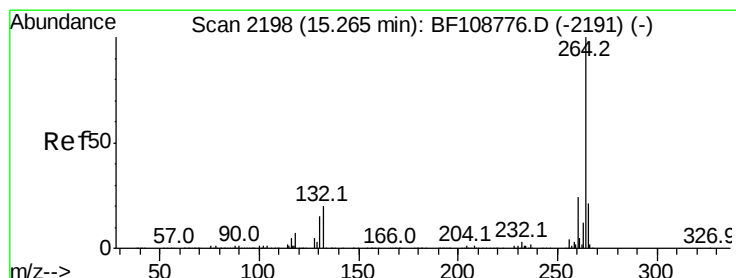
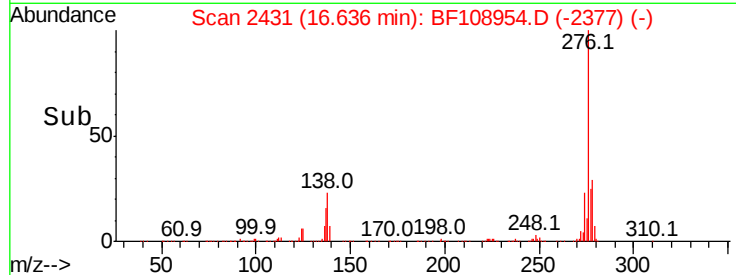
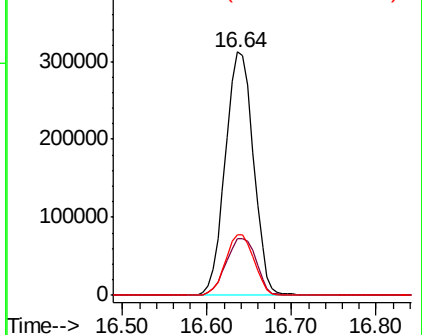


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.670 ng
 RT: 16.64 min Scan# 2431
 Delta R.T. 0.02 min
 Lab File: BF108954.D
 Acq: 12 Sep 2018 17:12

Tot Ion:	276	Resp:	715879
Ion	Ratio	Lower	Upper
276	100		
138	25.2	25.0	37.6
277	25.3	20.1	30.1

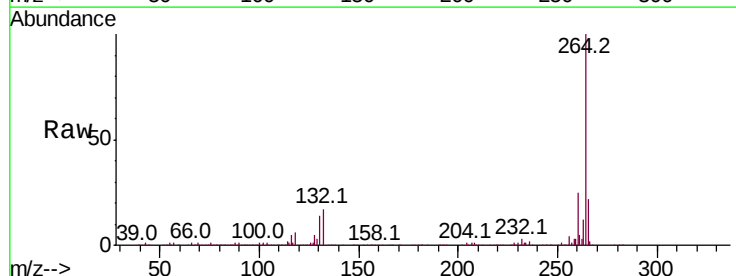


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

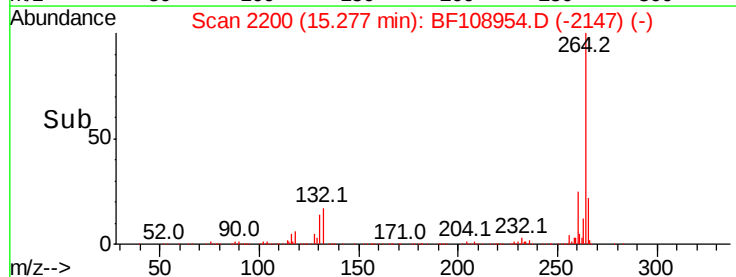
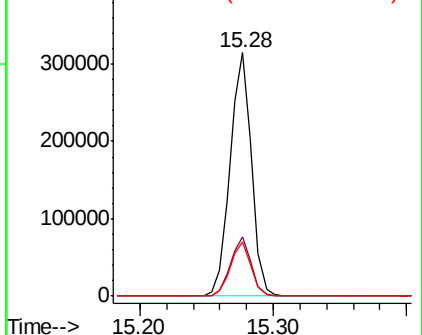


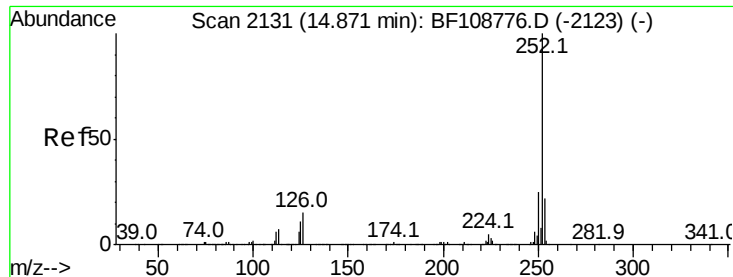
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: BF108954.D
 Acq: 12 Sep 2018 17:12

Tgt Ion:	264	Resp:	354175
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.0	17.5	26.3



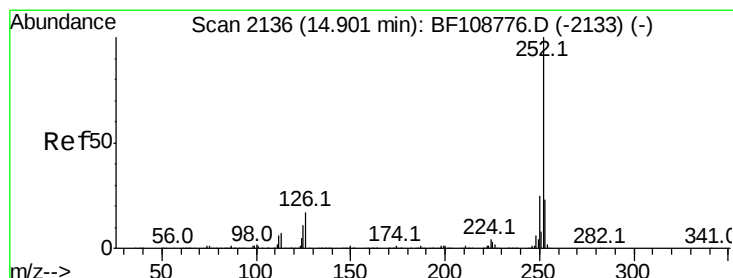
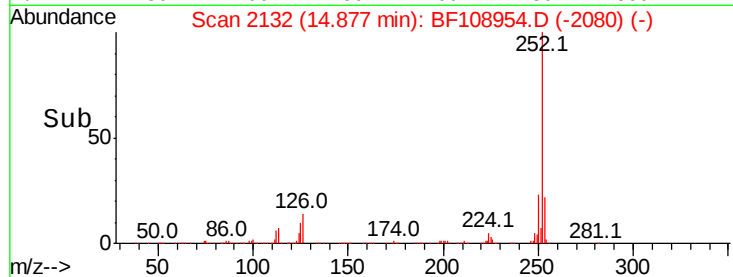
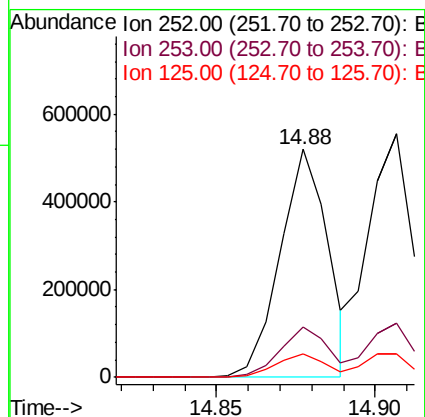
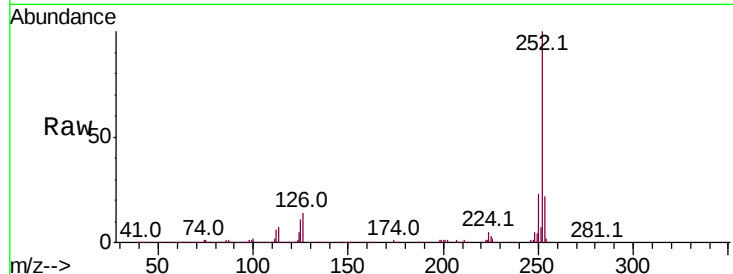
Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





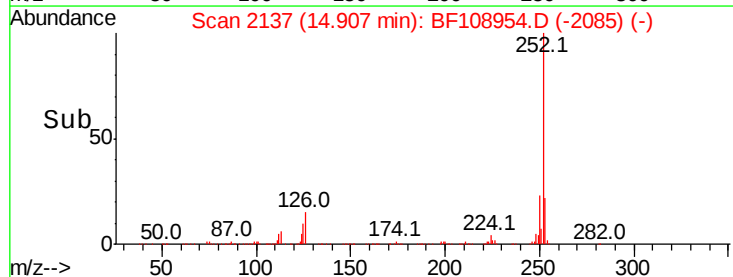
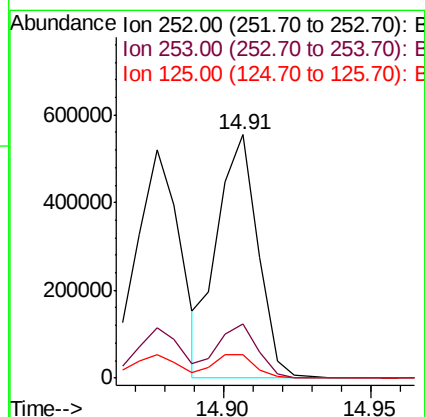
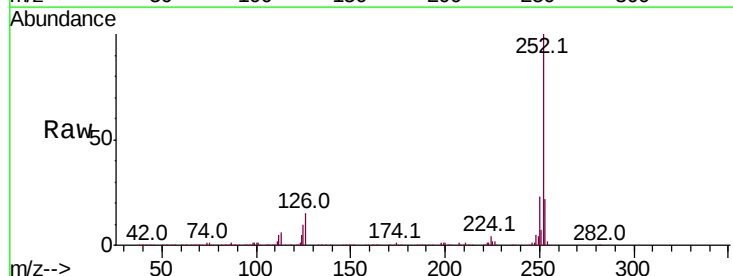
#87
Benzo(b)fluoranthene
Concen: 28.402 ng
RT: 14.88 min Scan# 2132
Delta R.T. 0.01 min
Lab File: BF108954.D
Acq: 12 Sep 2018 17:12

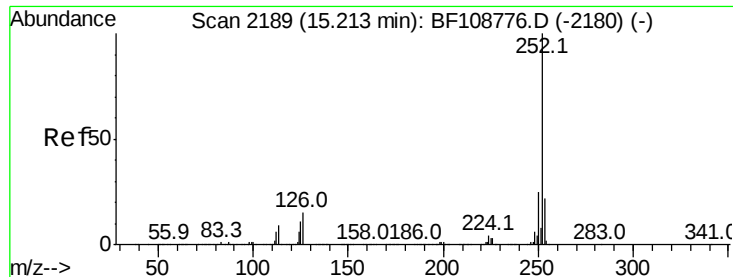
Tot	Ion:252	Resp:	546986
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	10.6	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 30.403 ng m
RT: 14.91 min Scan# 2137
Delta R.T. 0.01 min
Lab File: BF108954.D
Acq: 12 Sep 2018 17:12

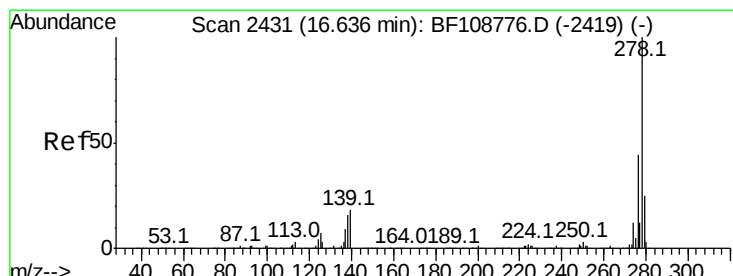
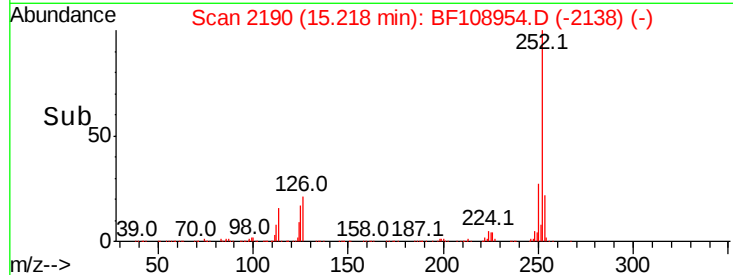
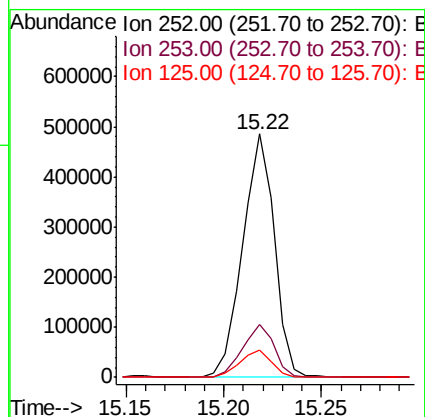
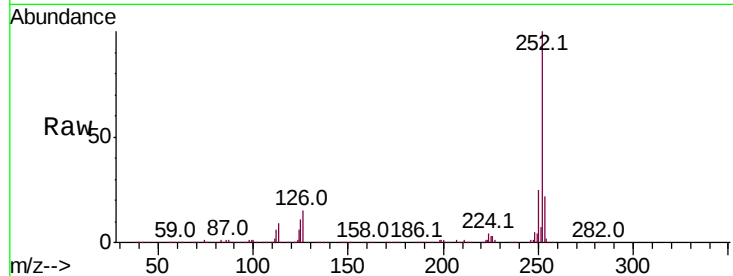
Tgt	Ion:252	Resp:	539200
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	9.9	10.2	15.2#





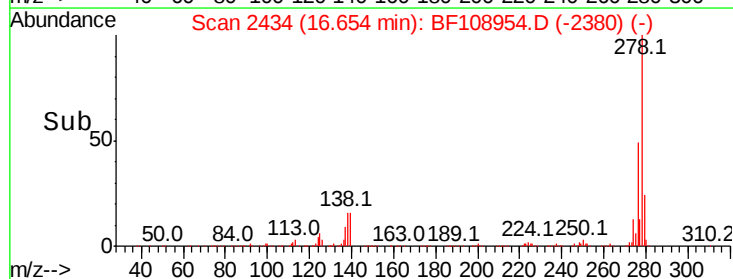
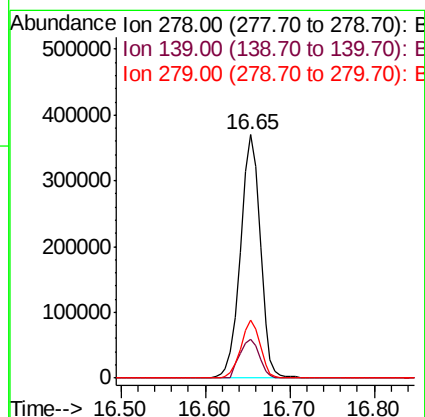
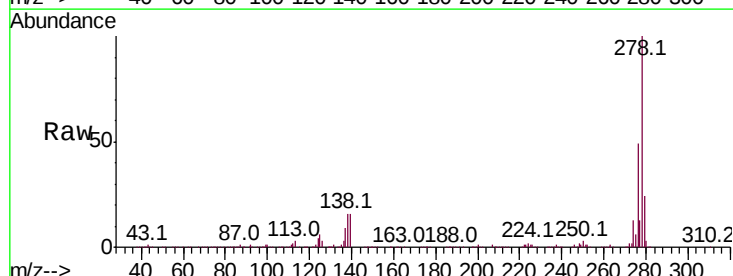
#89
Benzo(a)pyrene
Concen: 31.552 ng
RT: 15.22 min Scan# 2190
Delta R.T. 0.01 min
Lab File: BF108954.D
Acq: 12 Sep 2018 17:12

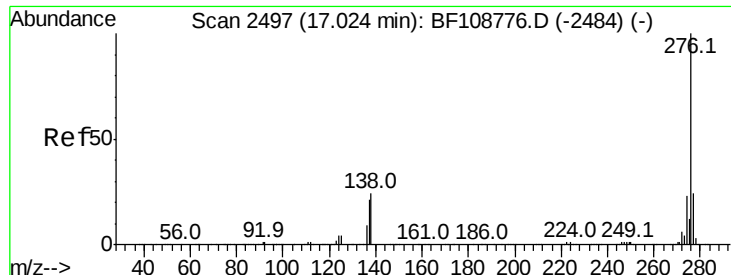
Tot Ion:	252	Resp:	548289
Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	11.3	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 38.960 ng
RT: 16.65 min Scan# 2434
Delta R.T. 0.02 min
Lab File: BF108954.D
Acq: 12 Sep 2018 17:12

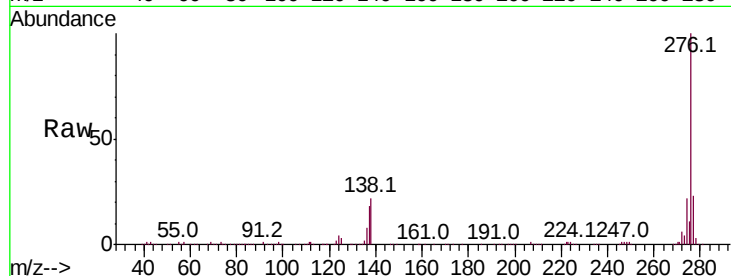
Tgt Ion:	278	Resp:	596554
Ion	Ratio	Lower	Upper
278	100		
139	16.1	15.9	23.9
279	23.8	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 40.213 ng
 RT: 17.05 min Scan# 2501
 Delta R.T. 0.02 min
 Lab File: BF108954.D
 Acq: 12 Sep 2018 17:12

Tot Ion:276	Resp:	616515
Ion Ratio	Lower	Upper
276	100	
277	23.2	17.9 26.9
138	22.0	21.8 32.8



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

