

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091218\
 Data File : BF108950.D
 Acq On : 12 Sep 2018 15:13
 Operator : JU/SJ
 Sample : PB112774BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 12 15:38:27 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	185413	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	777090	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	378797	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	744915	20.00	ng	0.00
75) Chrysene-d12	13.88	240	529293	20.00	ng	0.01
86) Perylene-d12	15.28	264	449810	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1144091	102.22	ng	0.03
7) Phenol-d6	6.38	99	1468300	101.96	ng	0.02
23) Nitrobenzene-d5	7.30	82	924095	74.42	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	409610	113.27	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1674660	75.42	ng	0.00
78) Terphenyl-d14	12.83	244	1686890	74.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	187846	34.924	ng	92
3) Pyridine	3.24	79	513698	34.874	ng	89
4) n-Nitrosodimethylamine	3.17	42	237704	42.015	ng	# 94
6) Aniline	6.40	93	558594	28.841	ng	93
8) 2-Chlorophenol	6.52	128	508694	41.063	ng	100
9) Benzaldehyde	6.28	77	270713	26.499	ng	98
10) Phenol	6.40	94	618108	37.476	ng	76
11) bis(2-Chloroethyl)ether	6.48	93	501797	37.979	ng	97
12) 1,3-Dichlorobenzene	6.68	146	537036	37.989	ng	98
13) 1,4-Dichlorobenzene	6.75	146	542385	38.366	ng	99
14) 1,2-Dichlorobenzene	6.91	146	505945	38.827	ng	98
15) Benzyl Alcohol	6.88	79	444559	40.227	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	727168	36.818	ng	95
17) 2-Methylphenol	7.00	107	425560	40.649	ng	97
18) Hexachloroethane	7.25	117	200761	39.384	ng	97
19) n-Nitroso-di-n-propylamine	7.16	70	364170	36.382	ng	98
20) 3+4-Methylphenols	7.15	107	490671	40.010	ng	# 72
22) Acetophenone	7.15	105	685084	38.845	ng	# 91
24) Nitrobenzene	7.32	77	545074	40.911	ng	98
25) Isophorone	7.57	82	1018458	41.119	ng	99
26) 2-Nitrophenol	7.64	139	271680	51.758	ng	99
27) 2,4-Dimethylphenol	7.68	122	477320	44.780	ng	99
28) bis(2-Chloroethoxy)methane	7.78	93	637636	38.505	ng	99
29) 2,4-Dichlorophenol	7.88	162	446264	40.603	ng	96
30) 1,2,4-Trichlorobenzene	7.97	180	450764	37.843	ng	97
31) Naphthalene	8.04	128	1445703	41.351	ng	99
32) Benzoic acid	7.82	122	311581	45.169	ng	98
33) 4-Chloroaniline	8.09	127	430559	26.815	ng	98
34) Hexachlorobutadiene	8.17	225	269672	37.898	ng	99
36) 4-Chloro-3-methylphenol	8.58	107	463488	39.585	ng	99
37) 2-Methylnaphthalene	8.74	142	975735	42.245	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	423700	37.418	ng	99
40) Hexachlorocyclopentadiene	8.90	237	486206	85.351	ng	98
42) 2,4,6-Trichlorophenol	9.01	196	317340	41.145	ng	99

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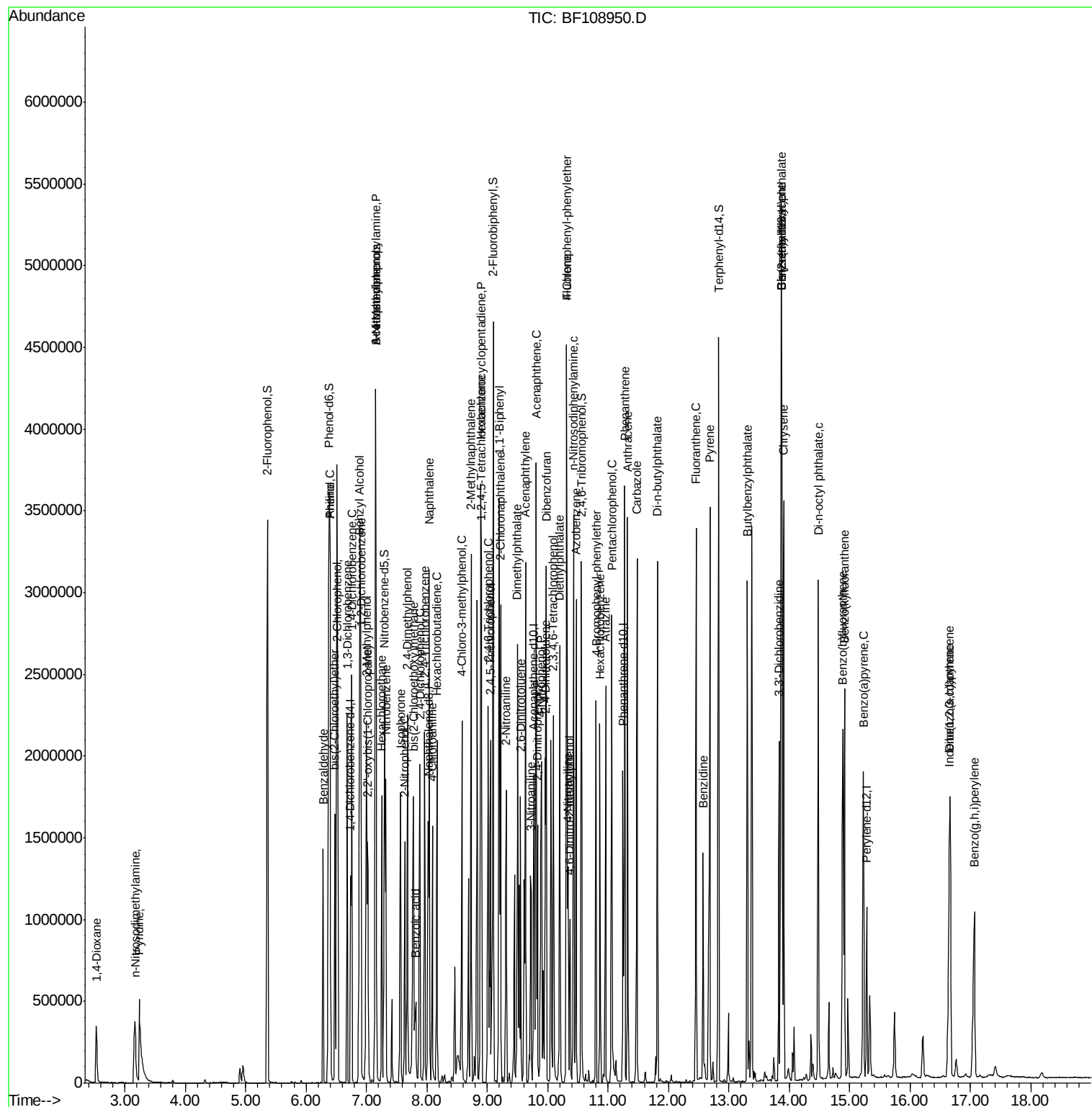
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

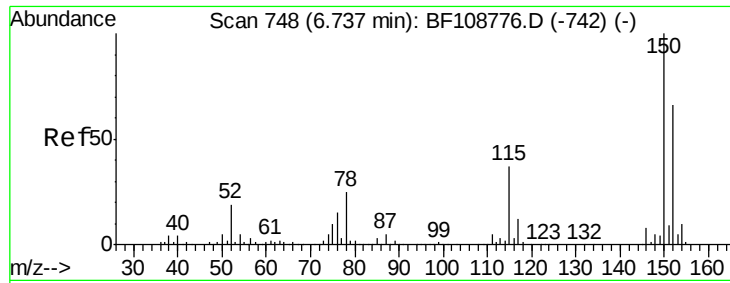
43) 2,4,5-Trichlorophenol	9.05	196	339935	42.520	nq	96
45) 1,1'-Biphenyl	9.20	154	1156149	39.645	nq	98
46) 2-Chloronaphthalene	9.22	162	903136	38.293	nq	99
47) 2-Nitroaniline	9.31	65	294884	45.768	nq	95
48) Acenaphthylene	9.64	152	1438757	40.926	nq	98
49) Dimethylphthalate	9.50	163	1050512	39.651	nq	99
50) 2,6-Dinitrotoluene	9.56	165	239857	47.511	nq	93
51) Acenaphthene	9.81	154	871132	40.043	nq	99
52) 3-Nitroaniline	9.72	138	214379	35.673	nq	98
53) 2,4-Dinitrophenol	9.83	184	213893	111.229	nq	# 21
54) Dibenzofuran	9.98	168	1243606	39.216	nq	96
55) 4-Nitrophenol	9.90	139	422226	93.982	nq	97
56) 2,4-Dinitrotoluene	9.96	165	320632	49.662	nq	# 95
57) Fluorene	10.32	166	915813	45.002	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.10	232	285776	44.326	nq	89
59) Diethylphthalate	10.20	149	1033029	37.783	nq	96
60) 4-Chlorophenyl-phenylether	10.31	204	434279	39.958	nq	94
61) 4-Nitroaniline	10.34	138	271530	49.876	nq	99
62) Azobenzene	10.47	77	1065509	37.754	nq	96
64) 4,6-Dinitro-2-methylphenol	10.37	198	139224	47.594	nq	76
65) n-Nitrosodiphenylamine	10.43	169	912865	36.858	nq	96
66) 4-Bromophenyl-phenylether	10.80	248	306007	36.371	nq	# 86
67) Hexachlorobenzene	10.87	284	330161	36.761	nq	# 87
68) Atrazine	10.96	200	294070	37.090	nq	98
69) Pentachlorophenol	11.06	266	376840	68.628	nq	98
70) Phenanthrene	11.28	178	1425687	40.078	nq	99
71) Anthracene	11.33	178	1446579	42.472	nq	99
72) Carbazole	11.48	167	1335873	37.243	nq	99
73) Di-n-butylphthalate	11.82	149	1582142	39.720	nq	100
74) Fluoranthene	12.46	202	1509082	42.846	nq	97
76) Benzidine	12.57	184	567419	22.619	nq	99
77) Pyrene	12.68	202	1520651	37.337	nq	98
79) Butylbenzylphthalate	13.31	149	685643	37.383	nq	98
80) Benzo(a)anthracene	13.87	228	1217806	35.896	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	401436	30.371	nq	98
82) Chrysene	13.91	228	1225453	37.313	nq	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	772650	33.522	nq	99
84) Di-n-octyl phthalate	14.48	149	1418935	36.925	nq	99
85) Indeno(1,2,3-cd)pyrene	16.65	276	1025849	35.294	nq	94
87) Benzo(b)fluoranthene	14.88	252	1147170	46.902	nq	98
88) Benzo(k)fluoranthene	14.91	252	939335	41.704	nq	98
89) Benzo(a)pyrene	15.23	252	953248	43.193	nq	98
90) Dibenzo(a,h)anthracene	16.67	278	832643	42.817	nq	96
91) Benzo(g,h,i)perylene	17.07	276	895627	45.998	nq	94

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

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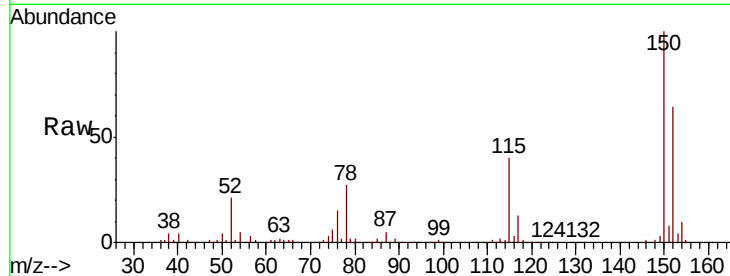
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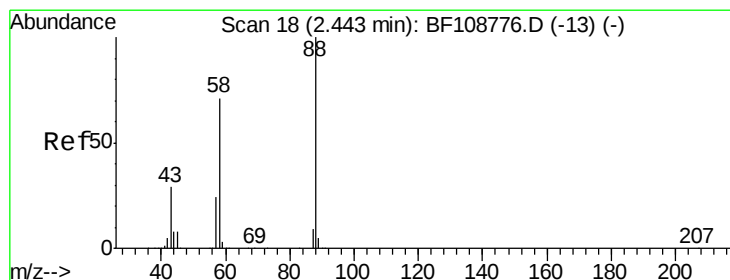
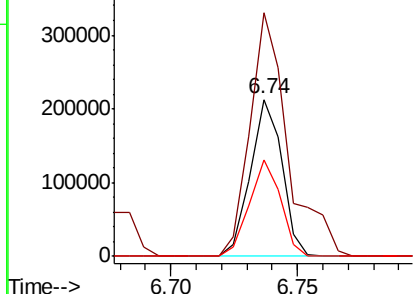
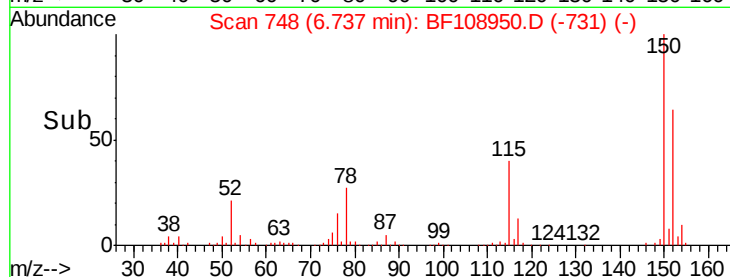


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF108950.D
 Acq: 12 Sep 2018 15:13

Tot Ion:152 Resp: 185413
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.6 186.8
 115 61.5 50.1 75.1

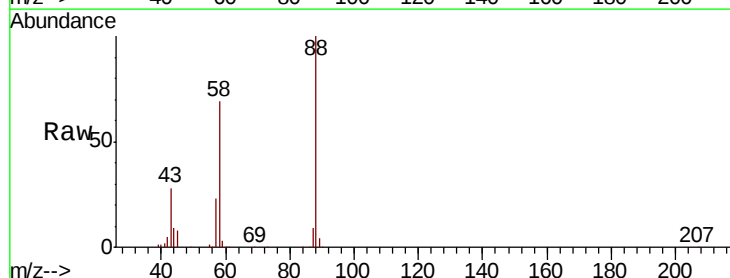


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

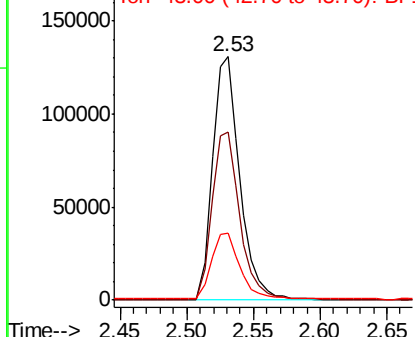
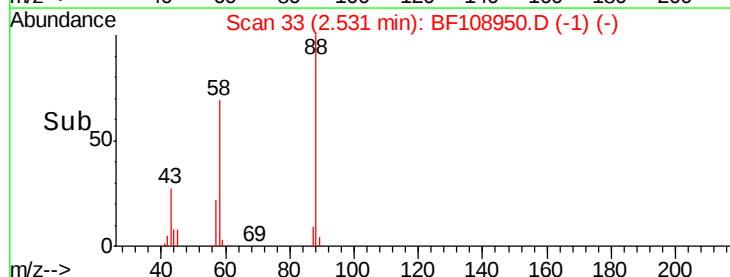


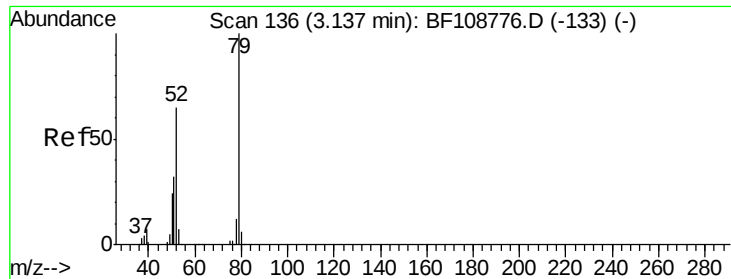
#2
 1,4-Dioxane
 Concen: 34.924 ng
 RT: 2.53 min Scan# 33
 Delta R.T. 0.09 min
 Lab File: BF108950.D
 Acq: 12 Sep 2018 15:13

Tgt Ion: 88 Resp: 187846
 Ion Ratio Lower Upper
 88 100
 58 70.7 62.6 93.8
 43 28.1 24.6 37.0



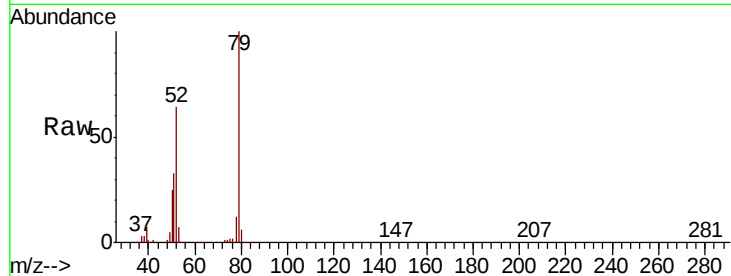
Abundance Ion 88.00 (87.70 to 88.70): BF1
 Ion 58.00 (57.70 to 58.70): BF1
 Ion 43.00 (42.70 to 43.70): BF1



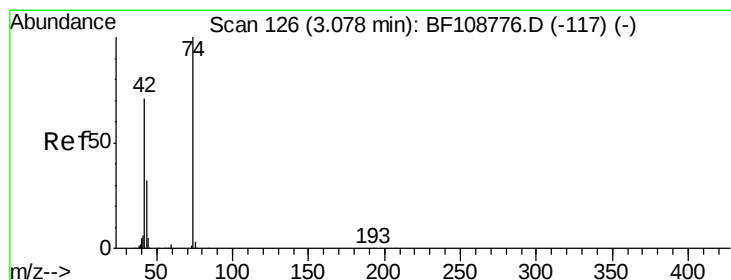
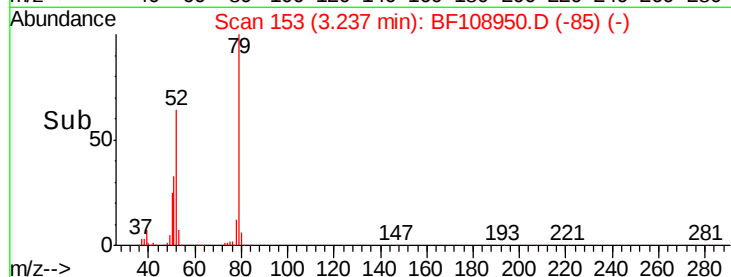
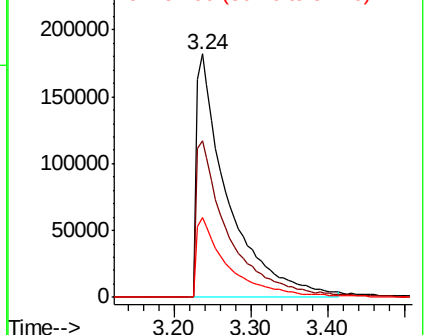


#3
 Pvridine
 Concen: 34.874 ng
 RT: 3.24 min Scan# 153
 Delta R.T. 0.10 min
 Lab File: BF108950.D
 Acq: 12 Sep 2018 15:13

Tot Ion	Ratio	Lower	Upper
79	100		
52	64.3	59.8	89.6
51	32.7	29.8	44.8

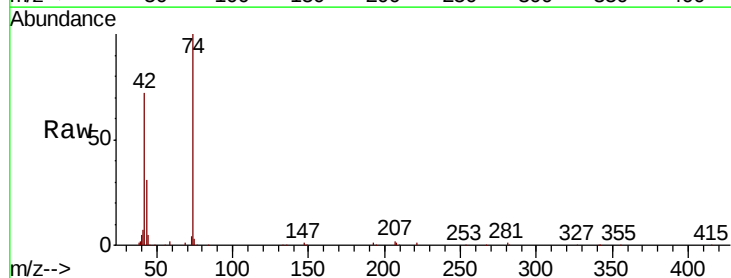


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

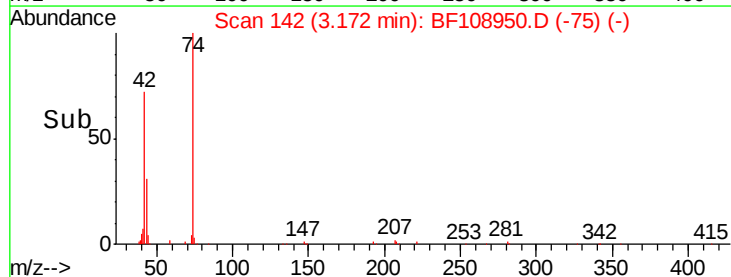
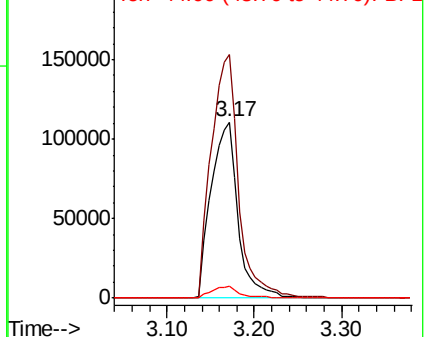


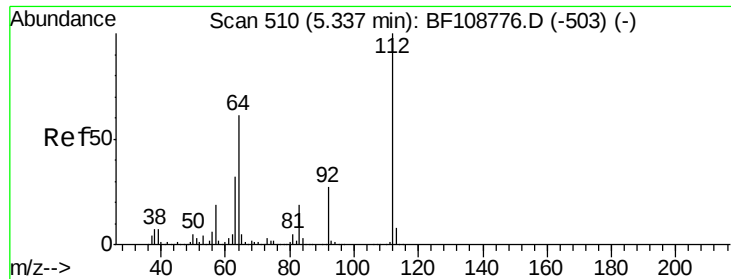
#4
 n-Nitrosodimethylamine
 Concen: 42.015 ng
 RT: 3.17 min Scan# 142
 Delta R.T. 0.09 min
 Lab File: BF108950.D
 Acq: 12 Sep 2018 15:13

Tgt Ion	Ratio	Lower	Upper
42	100		
74	138.1	104.9	157.3
44	6.6	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: 102.225 ng

RT: 5.37 min Scan# 515

Delta R.T. 0.03 min

Lab File: BF108950.D

Acq: 12 Sep 2018 15:13

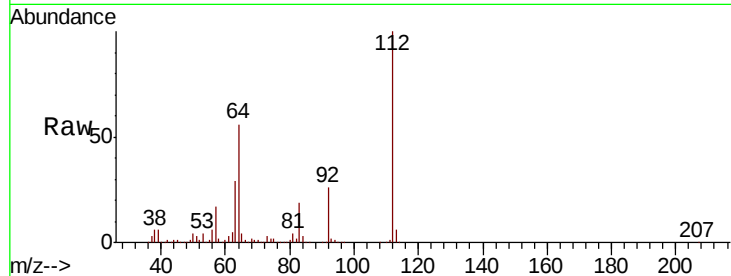
Tot Ion:112 Resp: 1144091

Ion Ratio Lower Upper

112 100

64 55.8 47.9 71.9

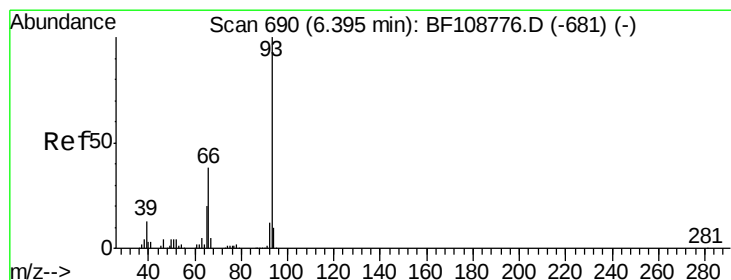
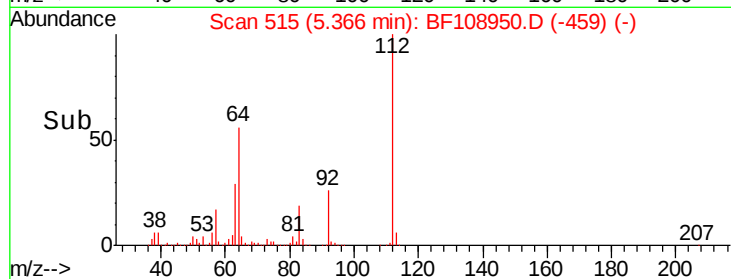
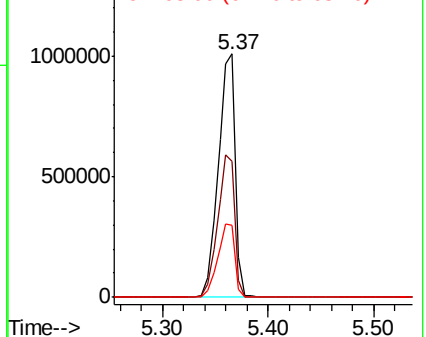
63 29.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 28.841 ng

RT: 6.40 min Scan# 691

Delta R.T. 0.01 min

Lab File: BF108950.D

Acq: 12 Sep 2018 15:13

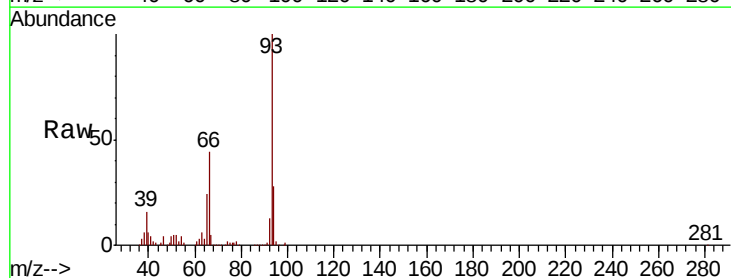
Tgt Ion: 93 Resp: 558594

Ion Ratio Lower Upper

93 100

66 44.1 32.2 48.2

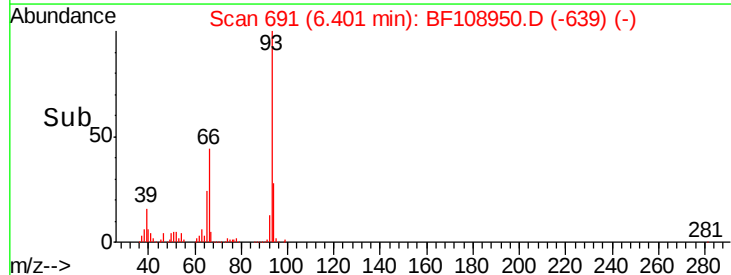
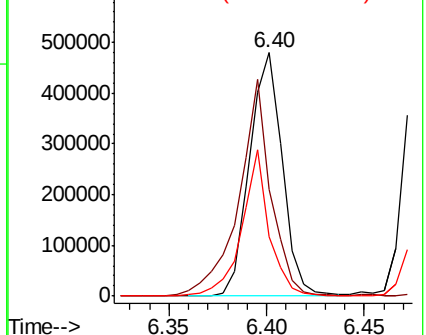
65 24.4 16.4 24.6

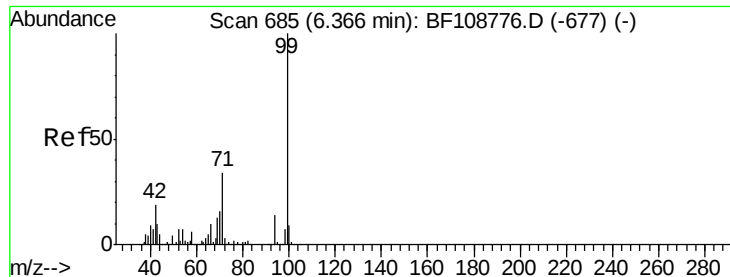


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 101.964 ng

RT: 6.38 min Scan# 688

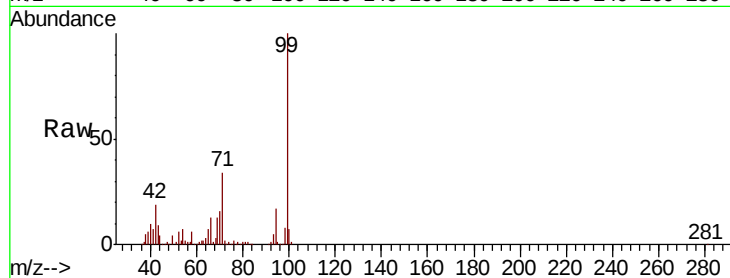
Delta R.T. 0.02 min

Lab File: BF108950.D

Acq: 12 Sep 2018 15:13

Tot Ion: 99 Resp: 1468300

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	34.4	25.4	38.0

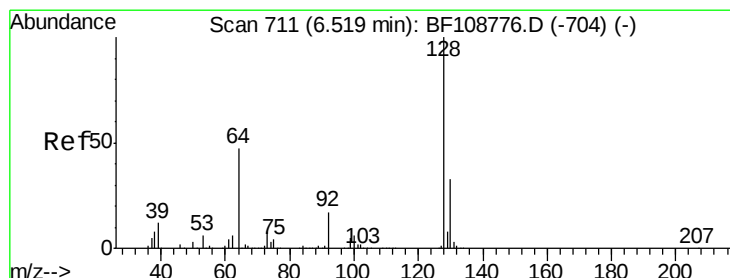
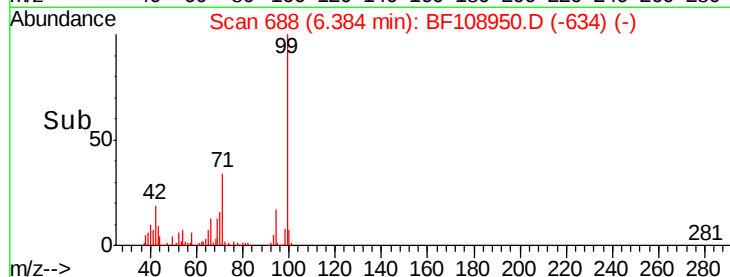
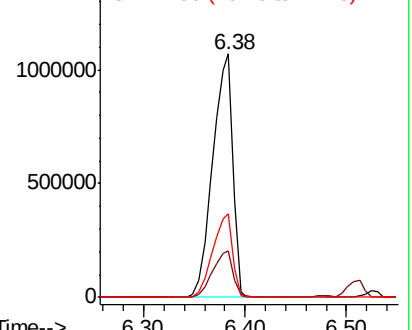


Abundance

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: 41.063 ng

RT: 6.52 min Scan# 712

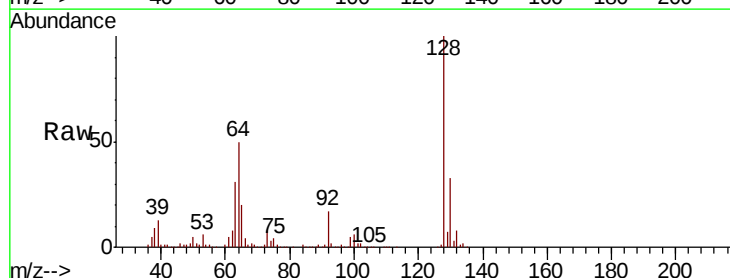
Delta R.T. 0.01 min

Lab File: BF108950.D

Acq: 12 Sep 2018 15:13

Tgt Ion: 128 Resp: 508694

Ion	Ratio	Lower	Upper
128	100		
130	32.9	13.0	53.0
64	49.5	29.4	69.4

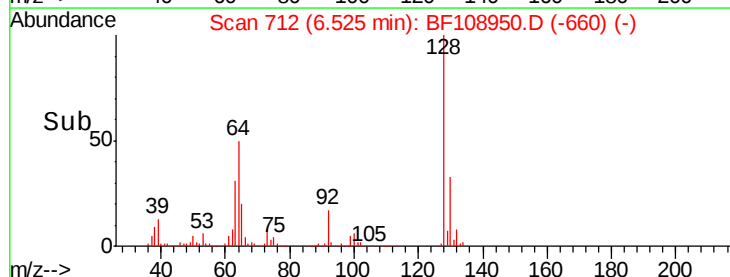
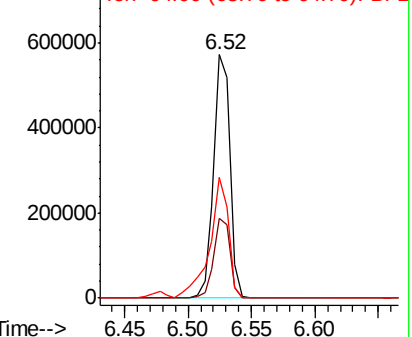


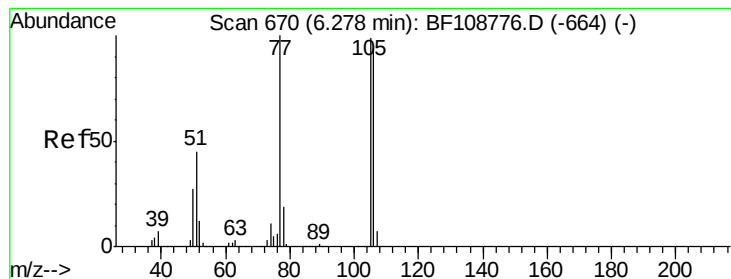
Abundance

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: 26.499 ng

RT: 6.28 min Scan# 671

Delta R.T. 0.01 min

Lab File: BF108950.D

Acq: 12 Sep 2018 15:13

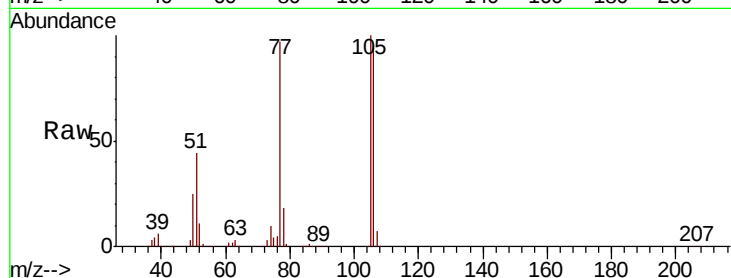
Tot Ion: 77 Resp: 270713

Ion Ratio Lower Upper

77 100

105 102.7 81.1 121.1

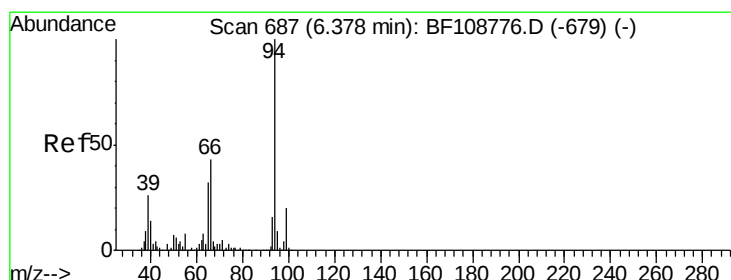
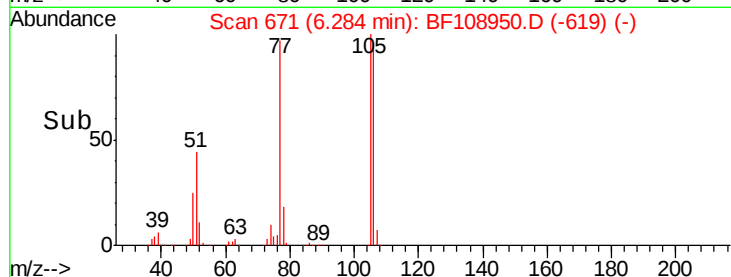
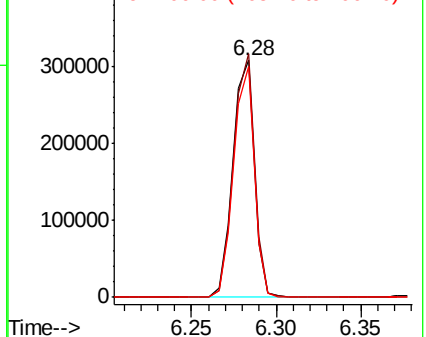
106 97.5 74.5 114.5



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: 37.476 ng

RT: 6.40 min Scan# 690

Delta R.T. 0.02 min

Lab File: BF108950.D

Acq: 12 Sep 2018 15:13

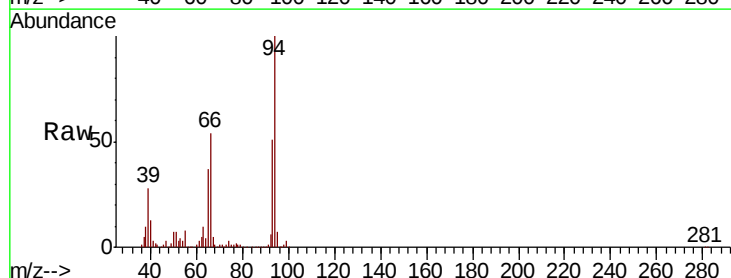
Tgt Ion: 94 Resp: 618108

Ion Ratio Lower Upper

94 100

65 36.5 7.9 47.9

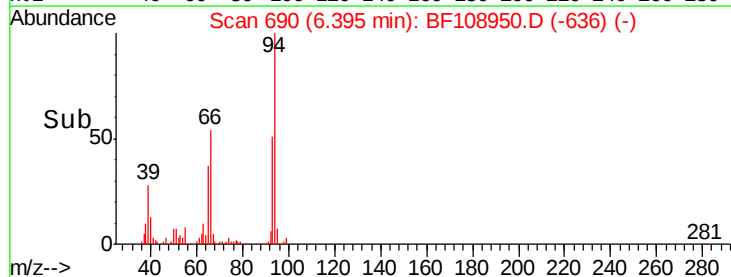
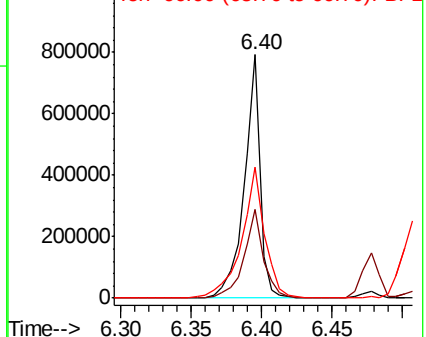
66 54.0 16.2 56.2

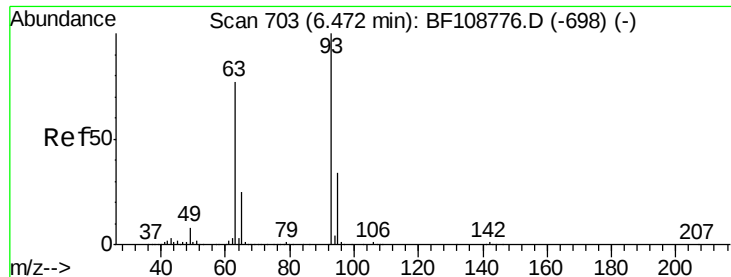


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 37.979 ng

RT: 6.48 min Scan# 704

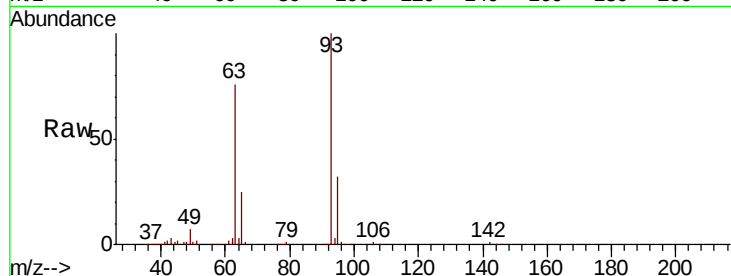
Delta R.T. 0.01 min

Lab File: BF108950.D

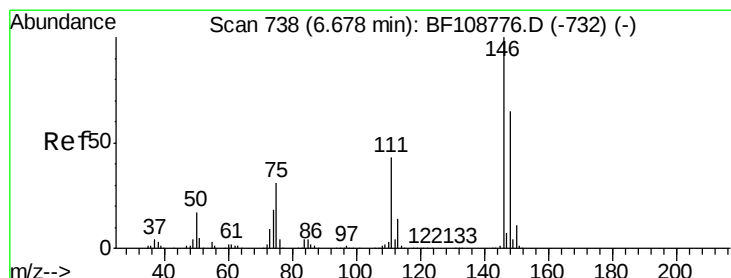
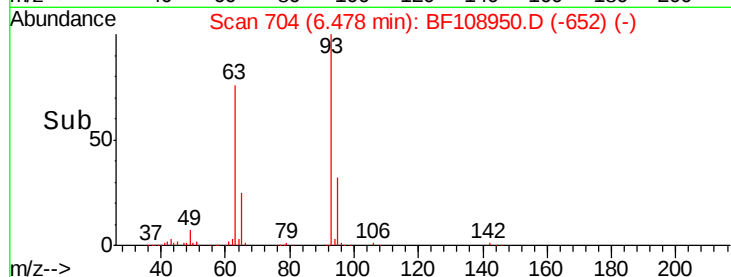
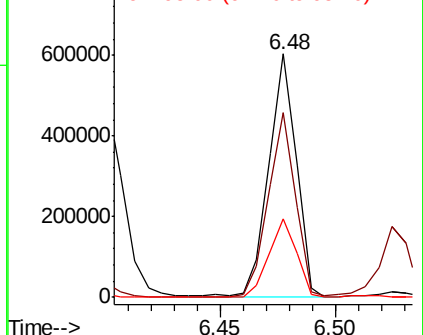
Acq: 12 Sep 2018 15:13

Tot Ion: 93 Resp: 501797

Ion	Ratio	Lower	Upper
93	100		
63	75.7	58.6	98.6
95	32.4	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: 37.989 ng

RT: 6.68 min Scan# 739

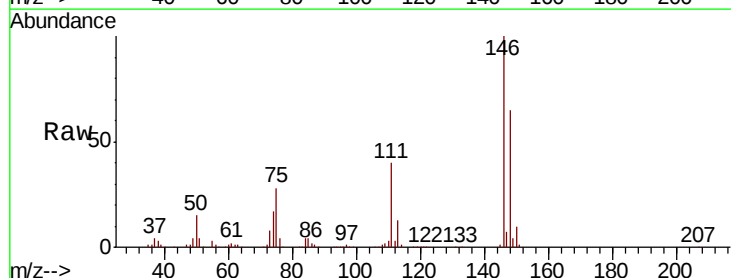
Delta R.T. 0.01 min

Lab File: BF108950.D

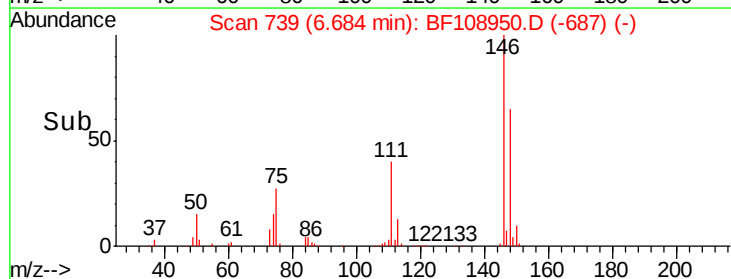
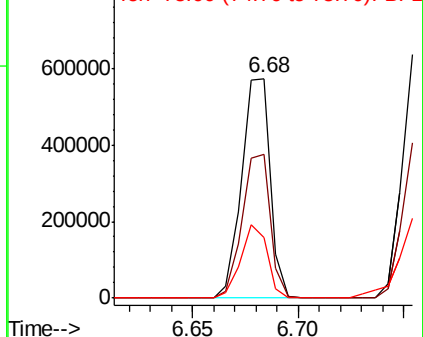
Acq: 12 Sep 2018 15:13

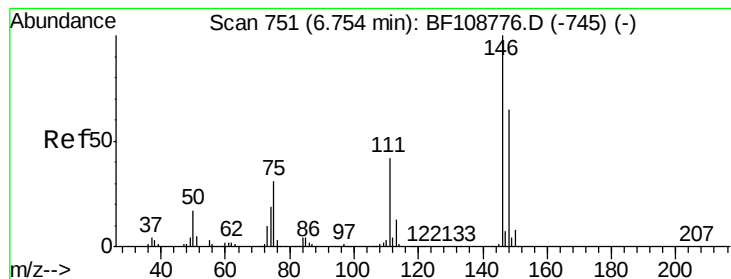
Tgt Ion: 146 Resp: 537036

Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.8	77.8
75	27.6	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: 38.366 ng

RT: 6.75 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF108950.D

Acq: 12 Sep 2018 15:13

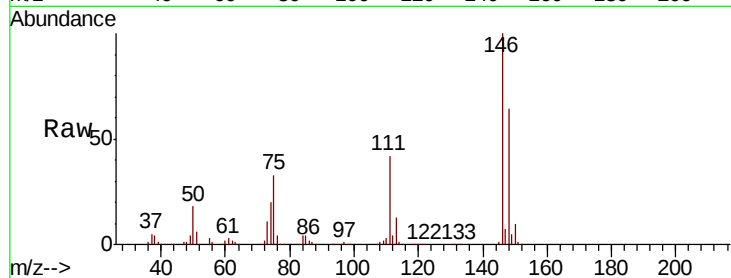
Tot Ion:146 Resp: 542385

Ion Ratio Lower Upper

146 100

148 64.0 50.8 76.2

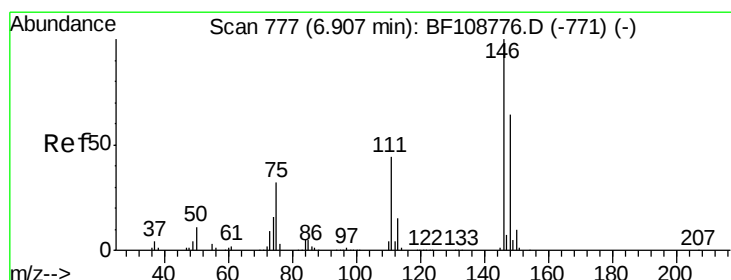
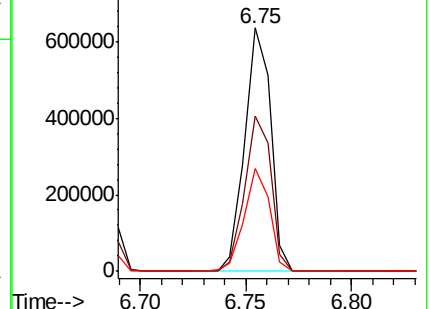
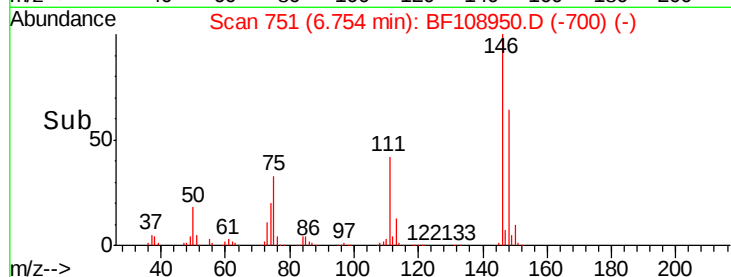
111 42.2 34.2 51.2



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: 38.827 ng

RT: 6.91 min Scan# 778

Delta R.T. 0.01 min

Lab File: BF108950.D

Acq: 12 Sep 2018 15:13

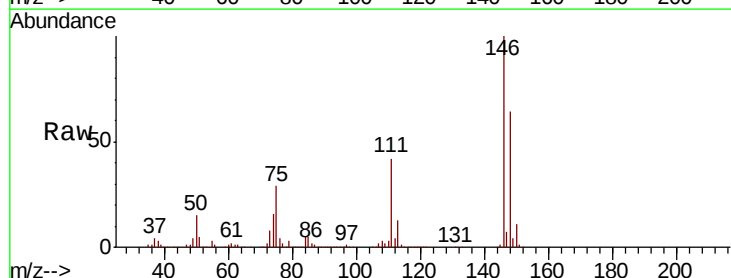
Tgt Ion:146 Resp: 505945

Ion Ratio Lower Upper

146 100

148 63.9 50.6 75.8

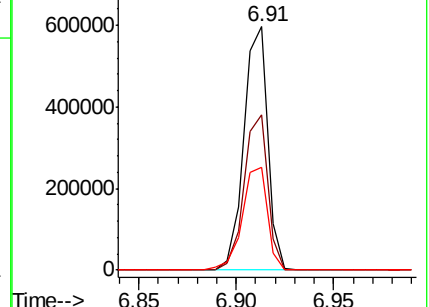
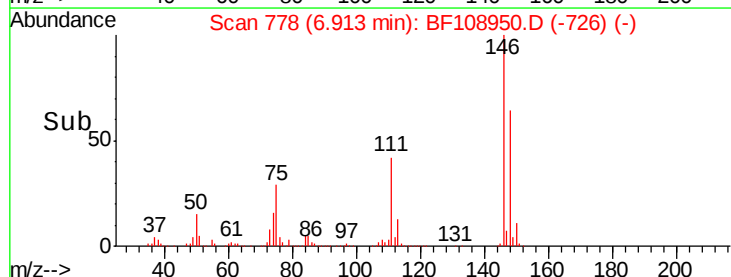
111 42.1 36.0 54.0

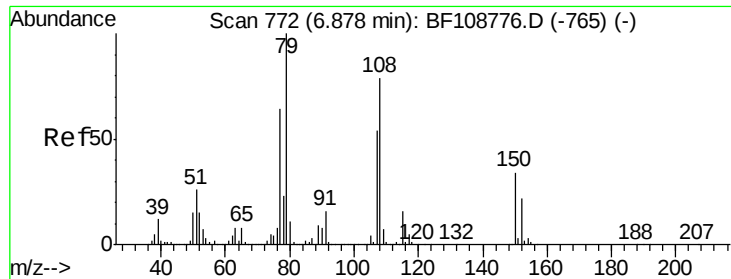


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.227 ng

RT: 6.88 min Scan# 773

Delta R.T. 0.01 min

Lab File: BF108950.D

Acq: 12 Sep 2018 15:13

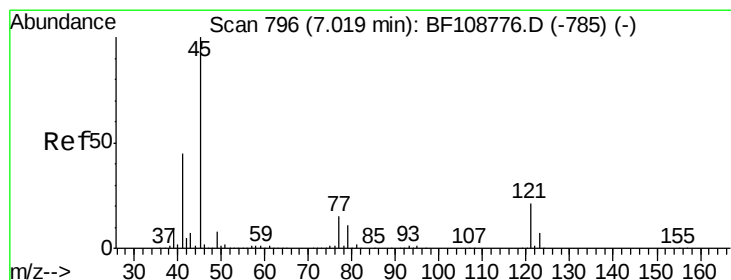
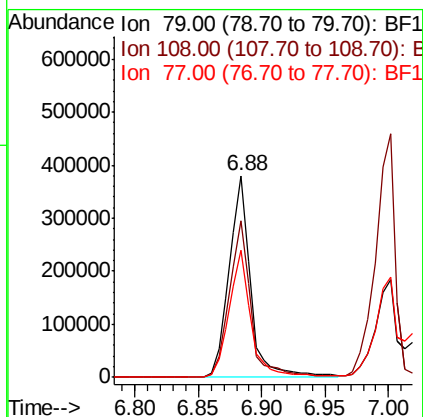
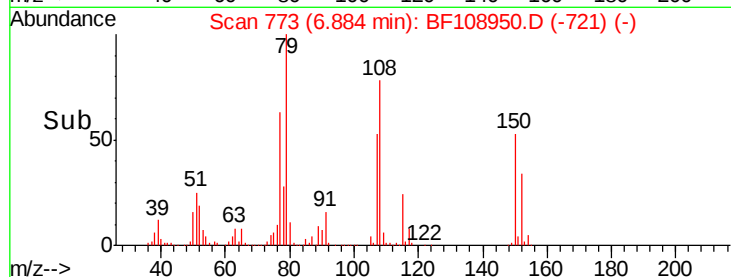
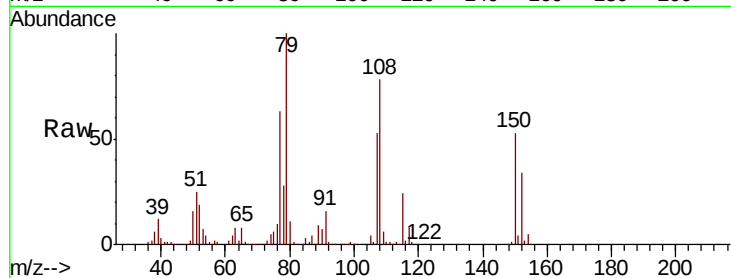
Tot Ion: 79 Resp: 444559

Ion Ratio Lower Upper

79 100

108 77.7 65.1 97.7

77 63.0 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.818 ng

RT: 7.02 min Scan# 796

Delta R.T. -0.00 min

Lab File: BF108950.D

Acq: 12 Sep 2018 15:13

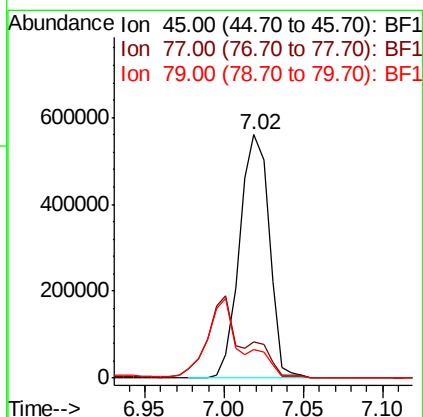
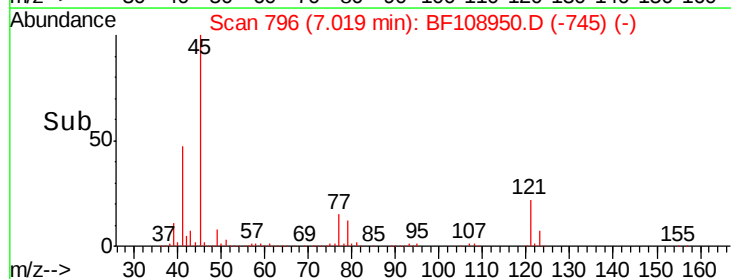
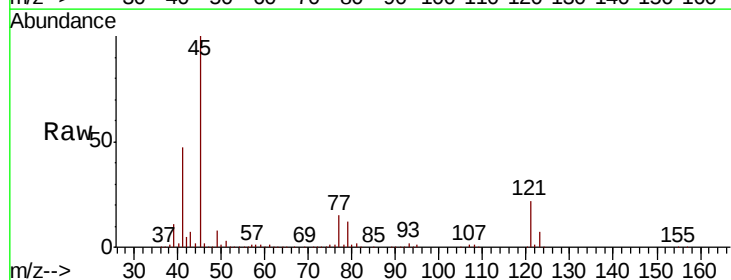
Tgt Ion: 45 Resp: 727168

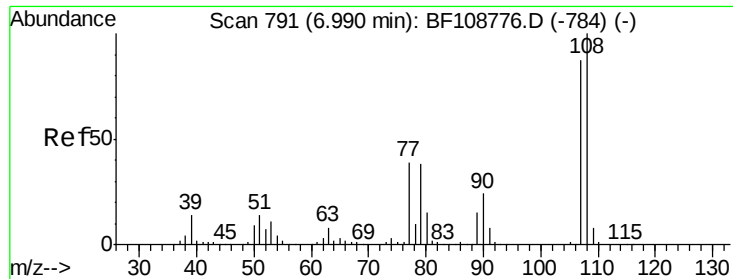
Ion Ratio Lower Upper

45 100

77 14.6 0.0 32.9

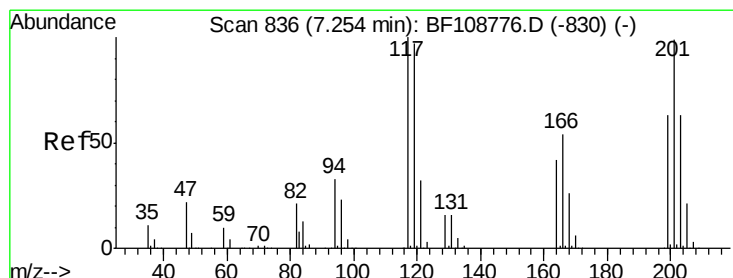
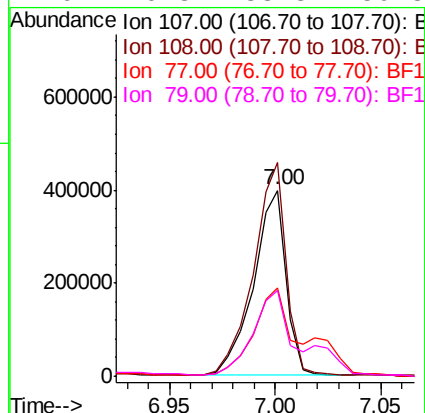
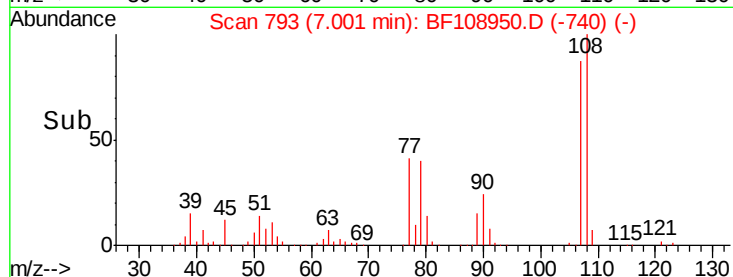
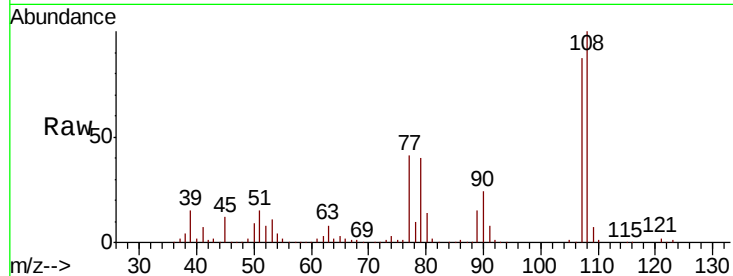
79 11.7 0.0 29.6





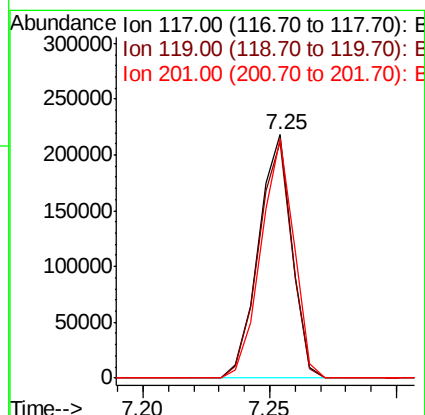
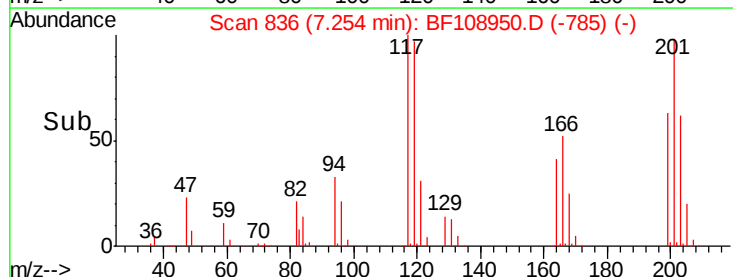
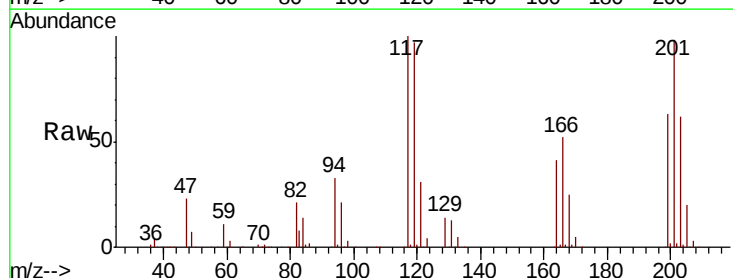
#17
2-Methylphenol
Concen: 40.649 ng
RT: 7.00 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF108950.D
Acq: 12 Sep 2018 15:13

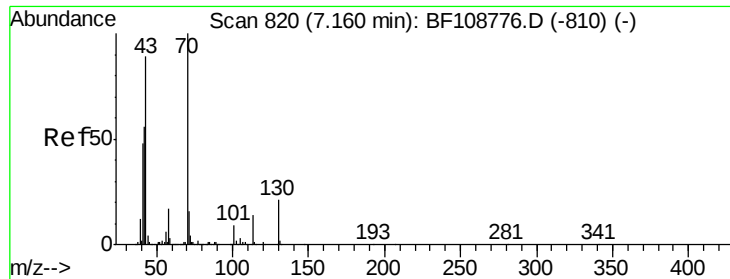
Tot Ion:	107	Resp:	425560
Ion	Ratio	Lower	Upper
107	100		
108	115.0	91.7	137.5
77	47.4	33.8	50.8
79	46.3	33.8	50.8



#18
Hexachloroethane
Concen: 39.384 ng
RT: 7.25 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF108950.D
Acq: 12 Sep 2018 15:13

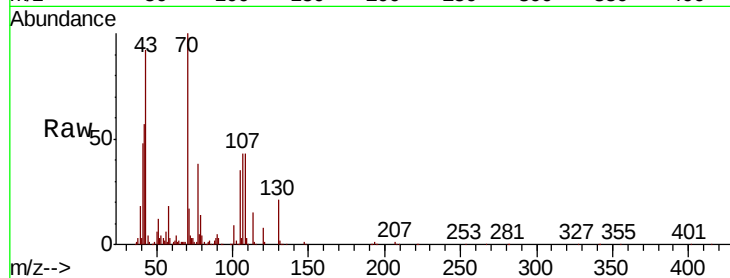
Tgt Ion:	117	Resp:	200761
Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.8	113.8
201	98.4	75.7	113.5





#19
n-Nitroso-di-n-propylamine
Concen: 36.382 ng
RT: 7.16 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF108950.D
Acq: 12 Sep 2018 15:13

Tot Ion:	70	Resp:	364170
Ion	Ratio	Lower	Upper
70	100		
42	57.4	47.5	71.3
101	9.3	7.4	11.2
130	20.7	16.6	25.0



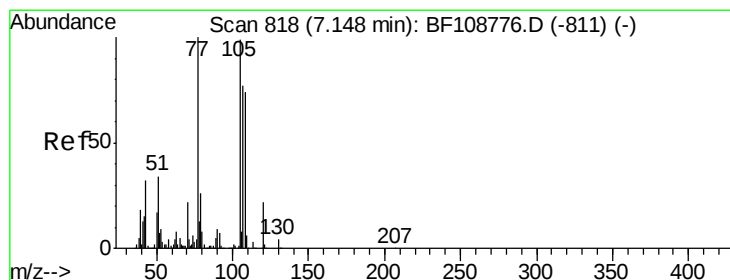
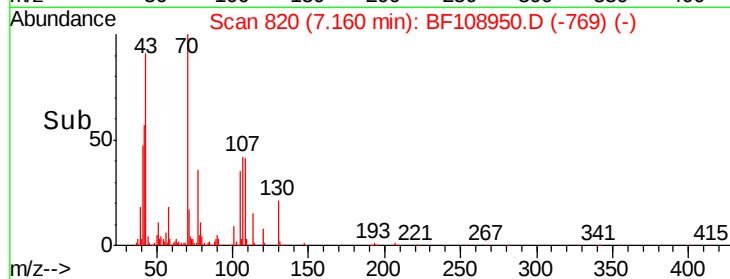
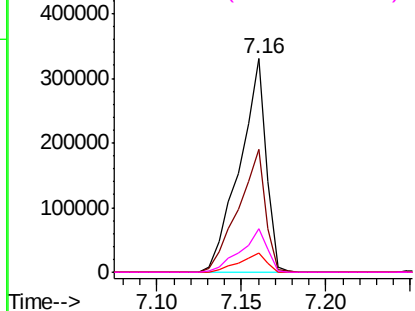
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

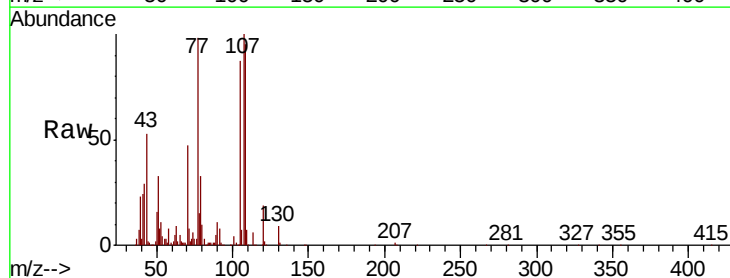
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 40.010 ng
RT: 7.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF108950.D
Acq: 12 Sep 2018 15:13

Tgt Ion:	107	Resp:	490671
Ion	Ratio	Lower	Upper
107	100		
108	94.8	68.2	108.2
77	98.1	26.7	66.7#
79	32.6	6.3	46.3



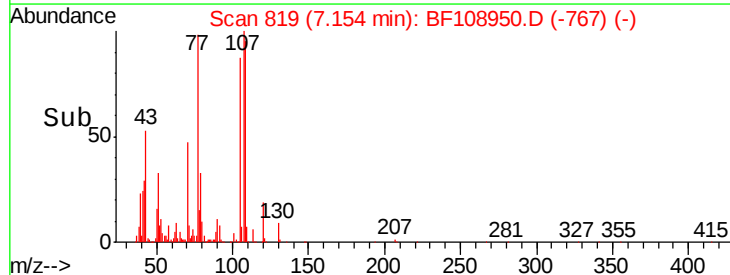
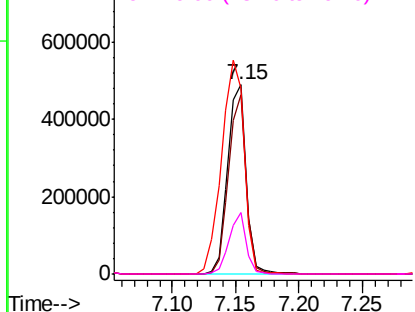
Abundance

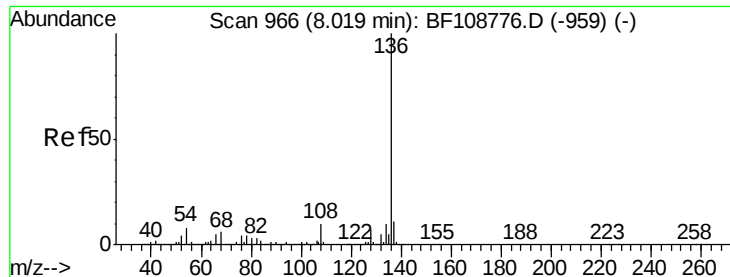
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

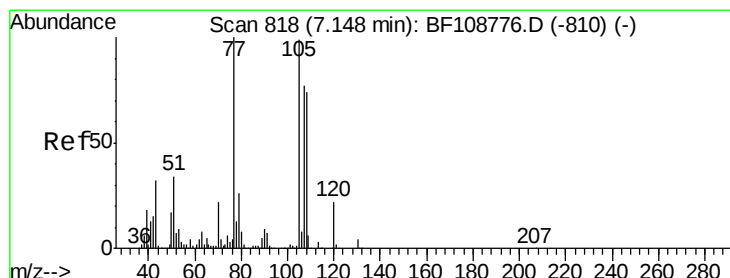
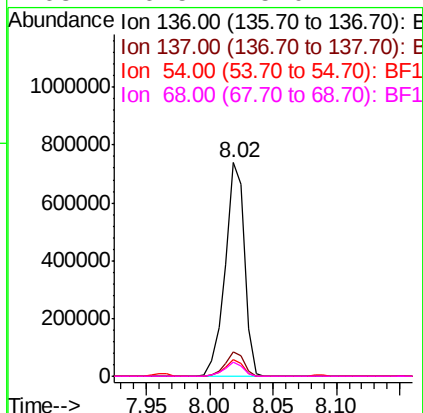
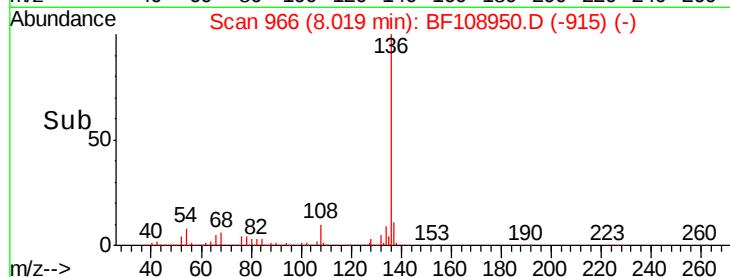
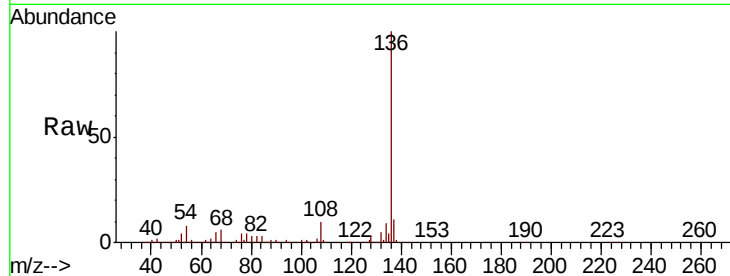
Ion 79.00 (78.70 to 79.70): BF1





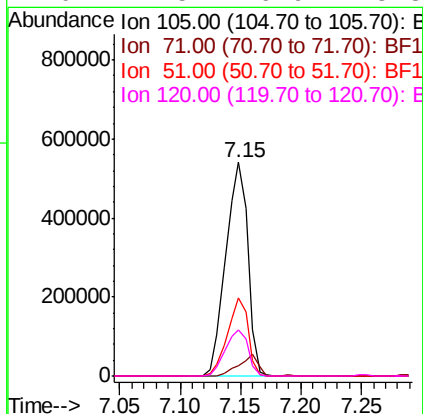
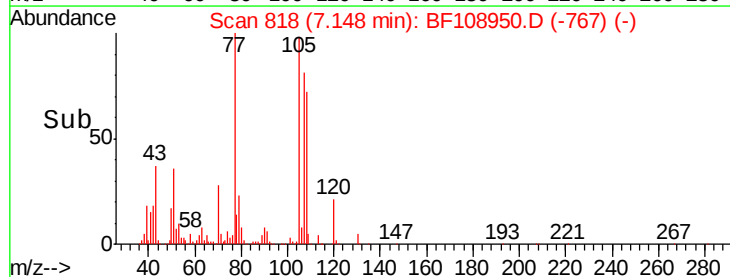
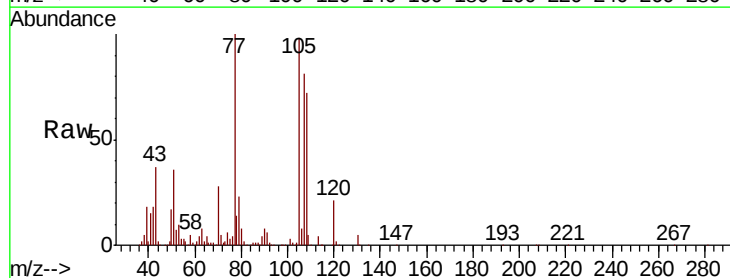
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108950.D
Acq: 12 Sep 2018 15:13

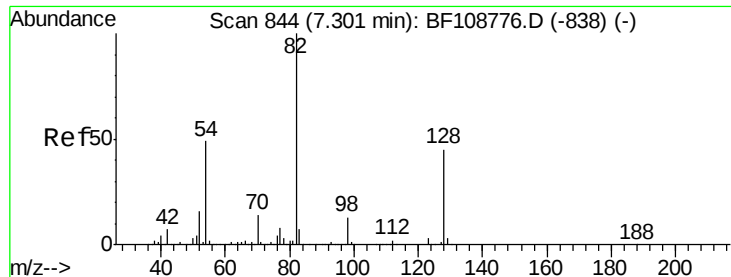
Tot Ion:136	Resp:	777090
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.9	13.3
54 7.7	6.6	9.8
68 6.5	5.0	7.4



#22
Acetophenone
Concen: 38.845 ng
RT: 7.15 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF108950.D
Acq: 12 Sep 2018 15:13

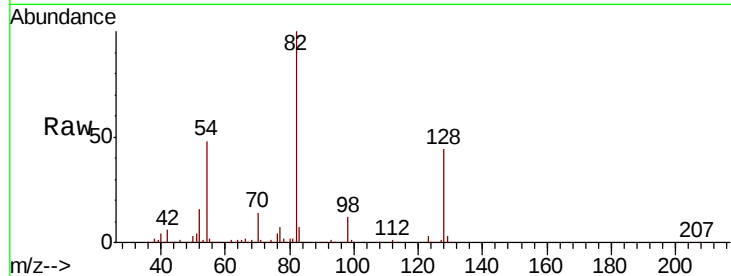
Tgt	Ion:105	Resp:	685084
Ion	Ratio	Lower	Upper
105	100		
71	4.9	4.4	6.6
51	36.3	22.3	33.5#
120	21.5	16.9	25.3



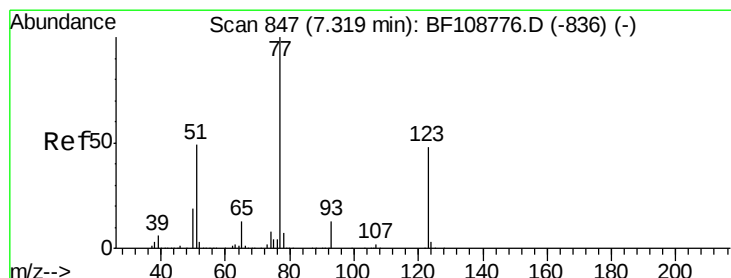
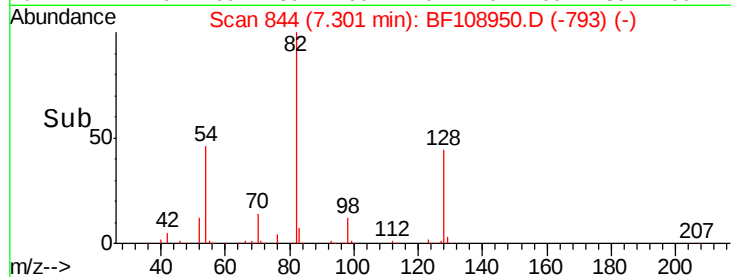
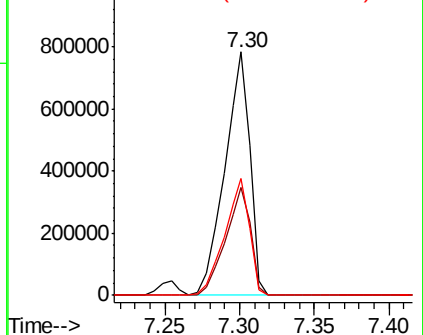


#23
Nitrobenzene-d5
Concen: 74.420 ng
RT: 7.30 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF108950.D
Acq: 12 Sep 2018 15:13

Tot Ion	82	Resp	924095
Ion Ratio	100	Lower	Upper
128	44.2	36.1	54.1
54	47.9	41.4	62.2

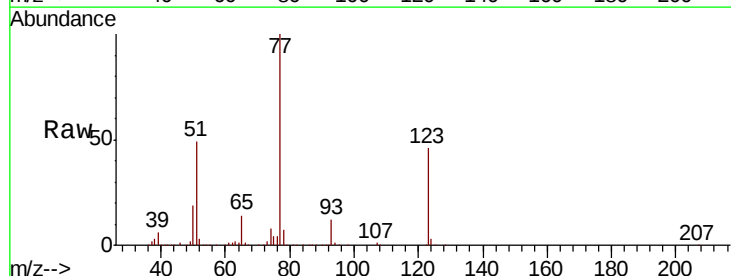


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

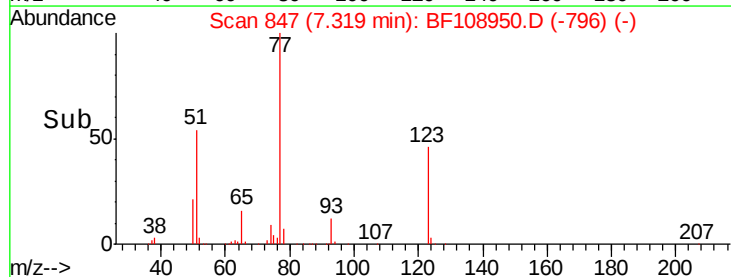
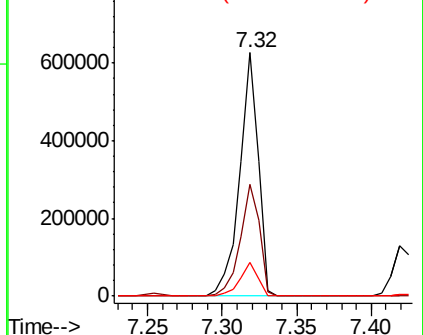


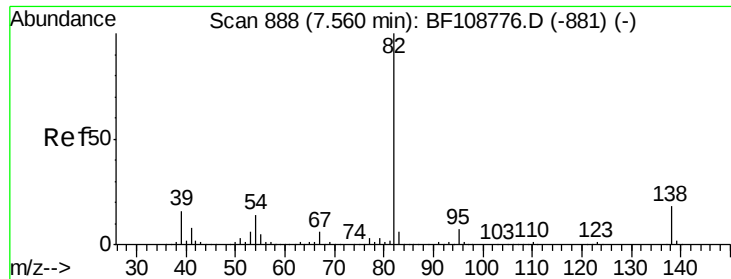
#24
Nitrobenzene
Concen: 40.911 ng
RT: 7.32 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF108950.D
Acq: 12 Sep 2018 15:13

Tgt Ion	77	Resp	545074
Ion Ratio	100	Lower	Upper
123	45.8	37.9	56.9
65	13.6	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: 41.119 ng

RT: 7.57 min Scan# 889

Delta R.T. 0.01 min

Lab File: BF108950.D

Acq: 12 Sep 2018 15:13

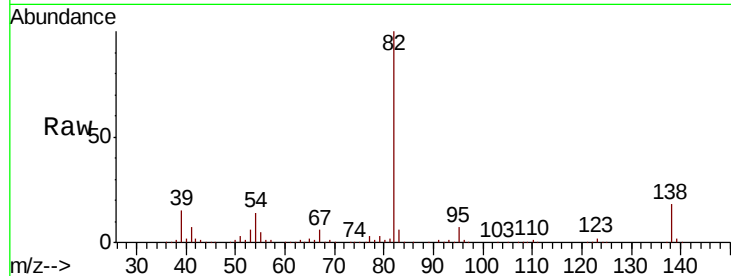
Tot Ion: 82 Resp: 1018458

Ion Ratio Lower Upper

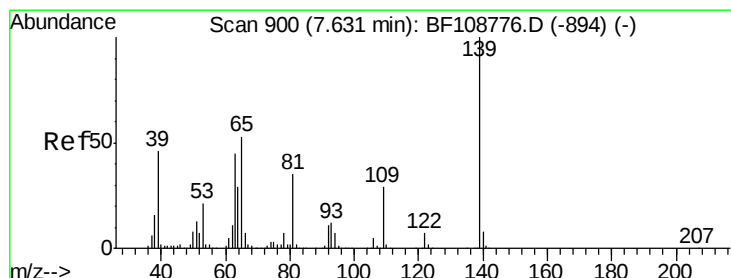
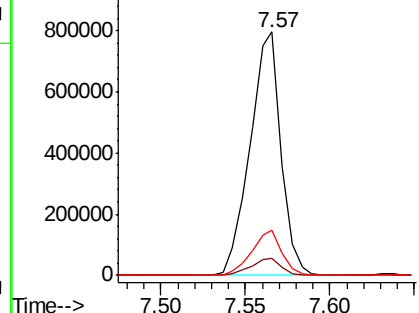
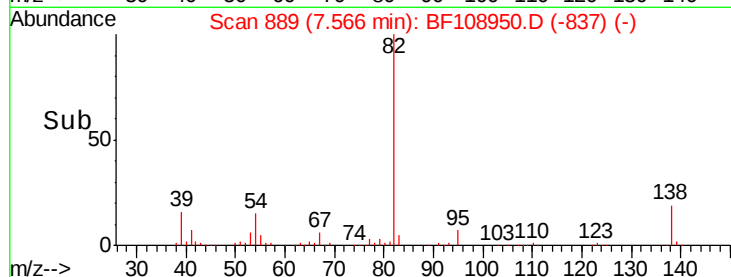
82 100

95 7.1 5.2 7.8

138 18.4 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: 51.758 ng

RT: 7.64 min Scan# 901

Delta R.T. 0.01 min

Lab File: BF108950.D

Acq: 12 Sep 2018 15:13

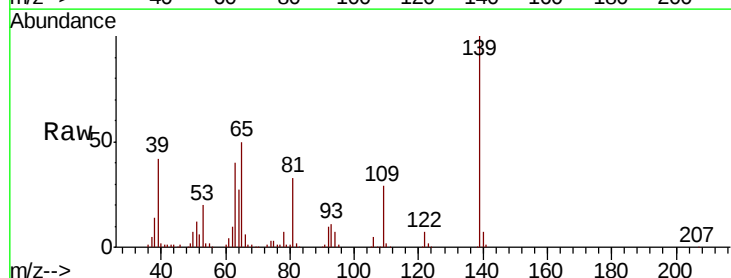
Tgt Ion: 139 Resp: 271680

Ion Ratio Lower Upper

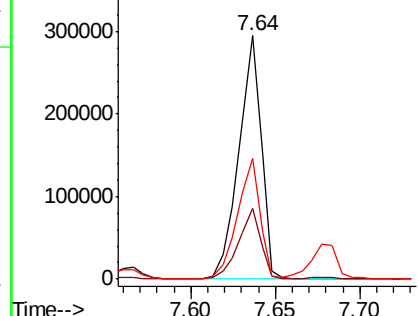
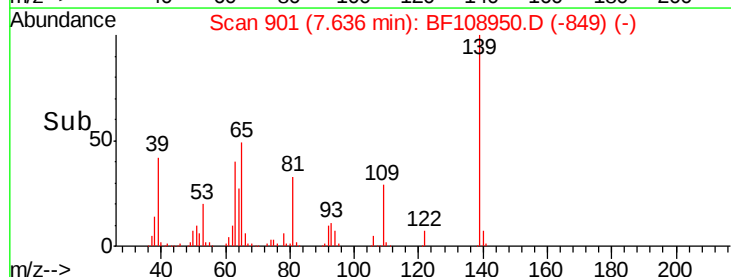
139 100

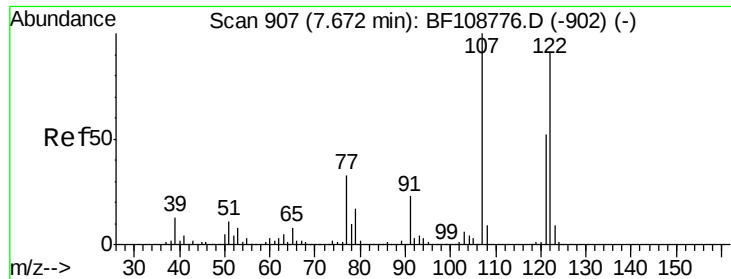
109 28.9 22.7 34.1

65 49.7 40.5 60.7



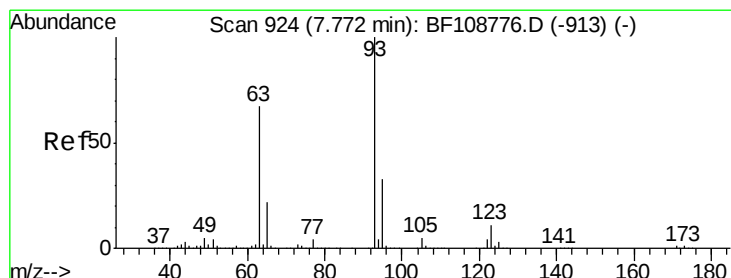
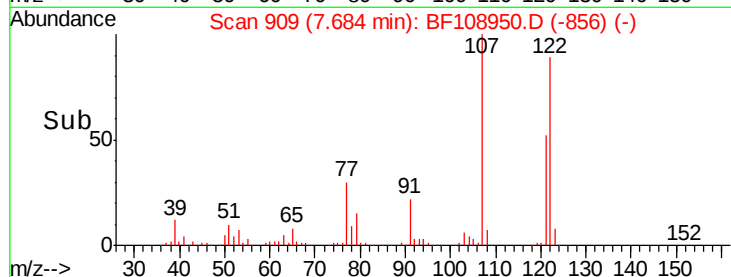
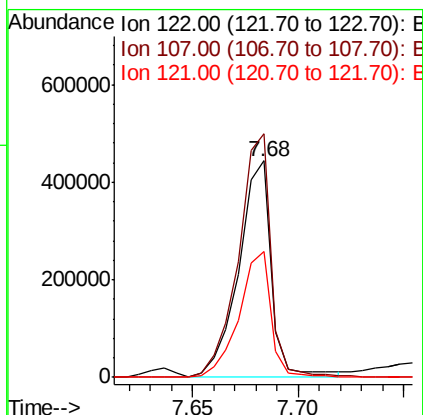
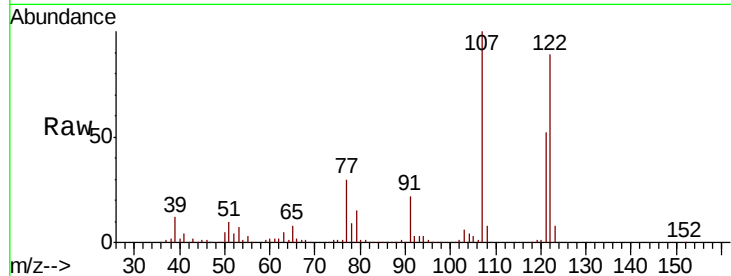
Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





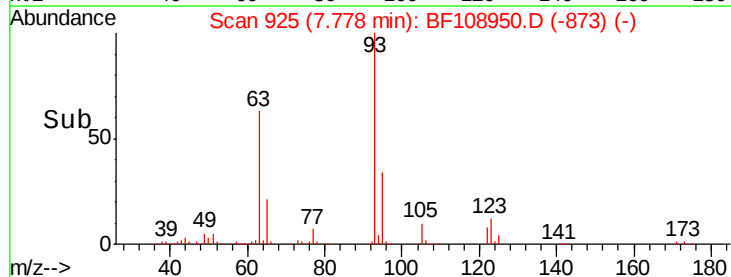
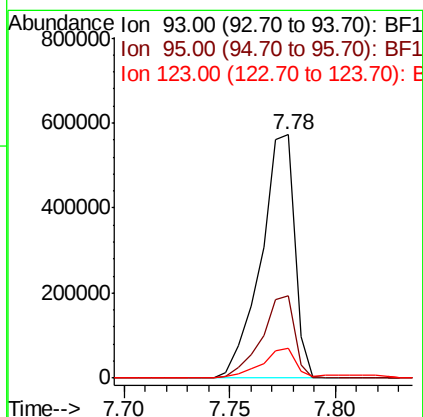
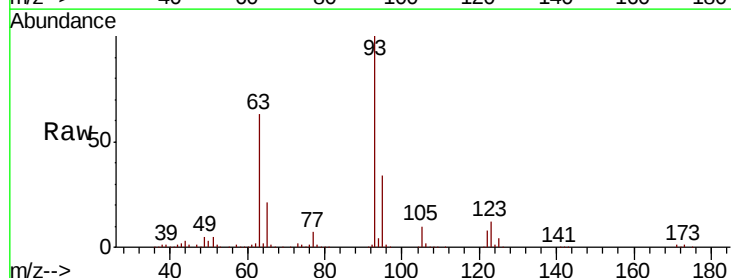
#27
 2,4-Dimethylphenol
 Concen: 44.780 ng
 RT: 7.68 min Scan# 909
 Delta R.T. 0.01 min
 Lab File: BF108950.D
 Acq: 12 Sep 2018 15:13

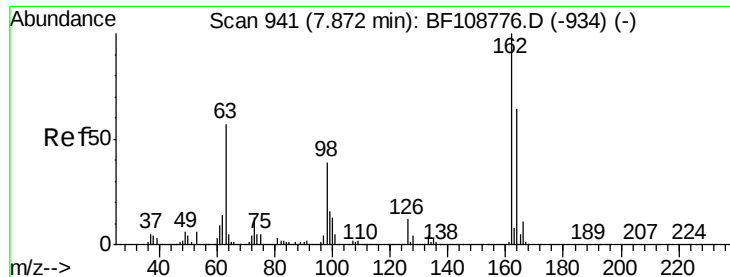
Tot Ion:122 Resp: 477320
 Ion Ratio Lower Upper
 122 100
 107 112.5 91.2 136.8
 121 58.4 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.505 ng
 RT: 7.78 min Scan# 925
 Delta R.T. 0.01 min
 Lab File: BF108950.D
 Acq: 12 Sep 2018 15:13

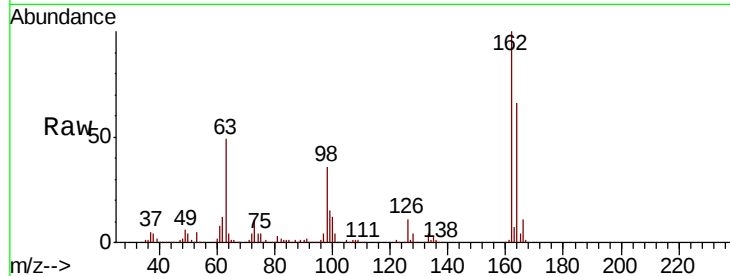
Tgt Ion: 93 Resp: 637636
 Ion Ratio Lower Upper
 93 100
 95 33.8 26.3 39.5
 123 12.1 9.8 14.6





#29
2,4-Dichlorophenol
Concen: 40.603 ng
RT: 7.88 min Scan# 943
Delta R.T. 0.01 min
Lab File: BF108950.D
Acq: 12 Sep 2018 15:13

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.7	42.7	82.7
98	35.5	18.1	58.1

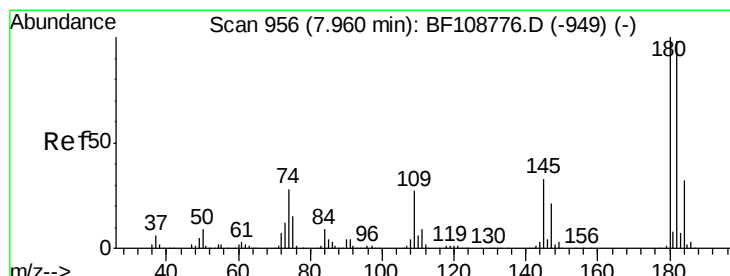
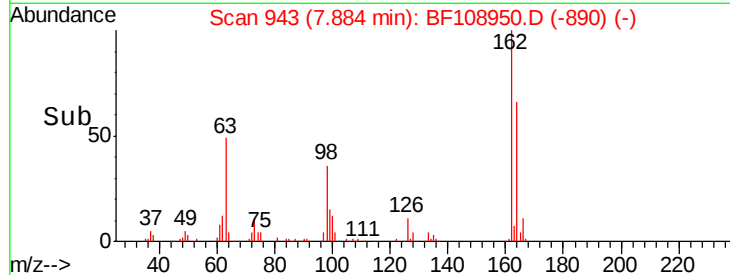
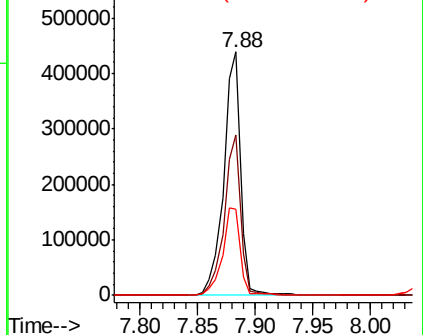


Abundance

Ion 162.00 (161.70 to 162.70): E

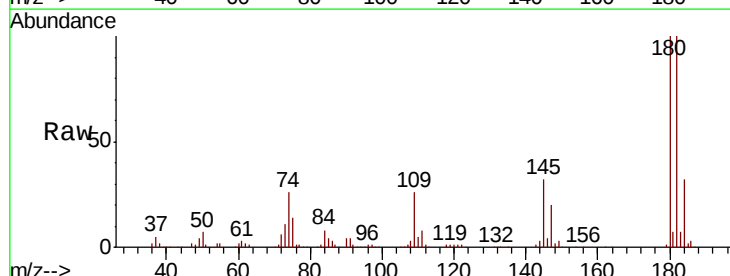
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 37.843 ng
RT: 7.97 min Scan# 957
Delta R.T. 0.01 min
Lab File: BF108950.D
Acq: 12 Sep 2018 15:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.6	76.8	115.2
145	32.2	26.5	39.7

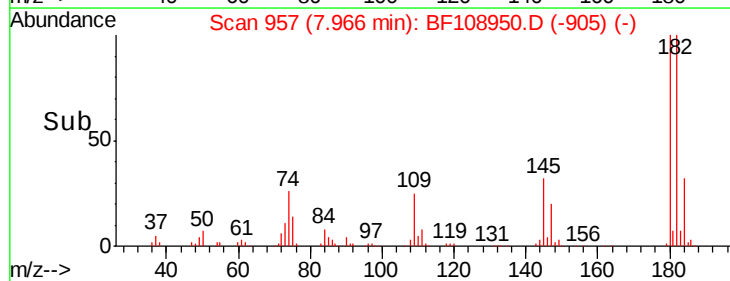
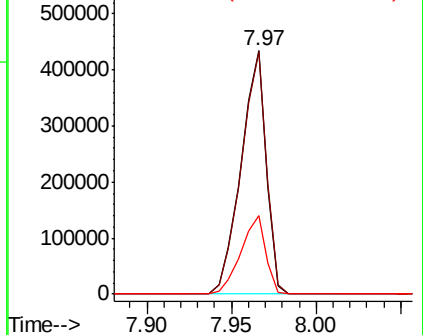


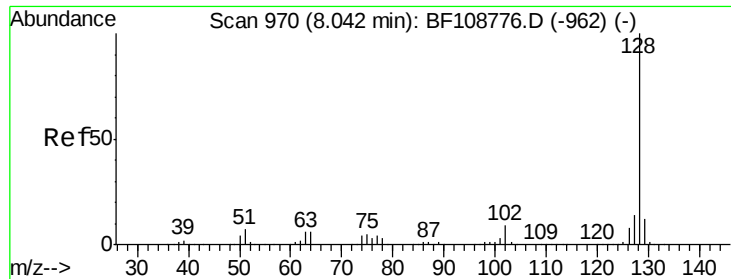
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

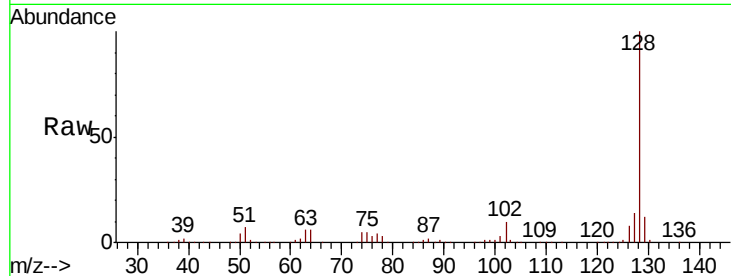
Ion 145.00 (144.70 to 145.70): E



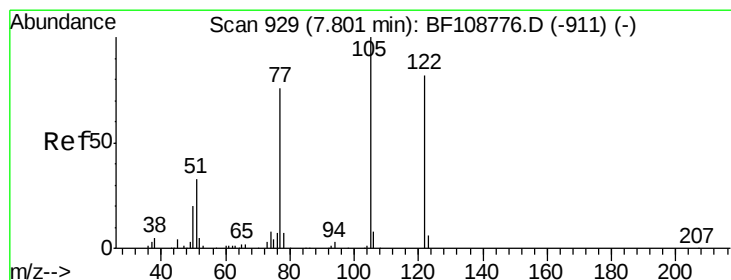
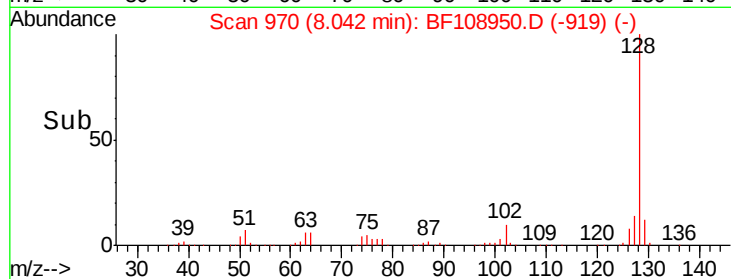
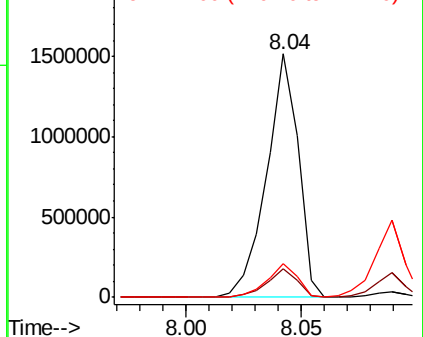


#31
Naphthalene
Concen: 41.351 ng
RT: 8.04 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF108950.D
Acq: 12 Sep 2018 15:13

Tot Ion:128 Resp: 1445703
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 13.9 10.9 16.3

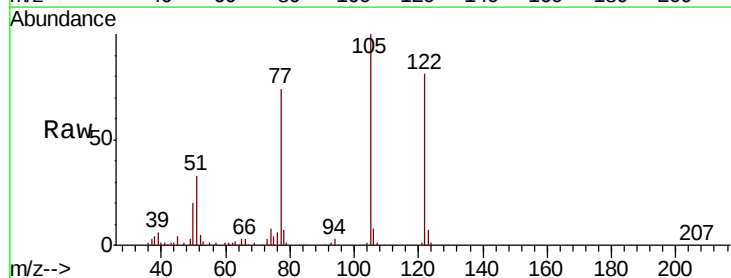


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

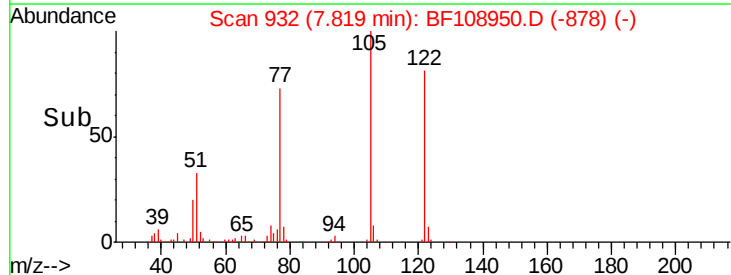
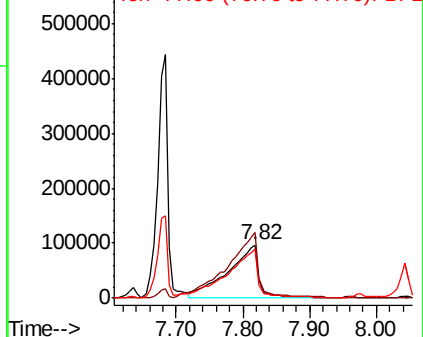


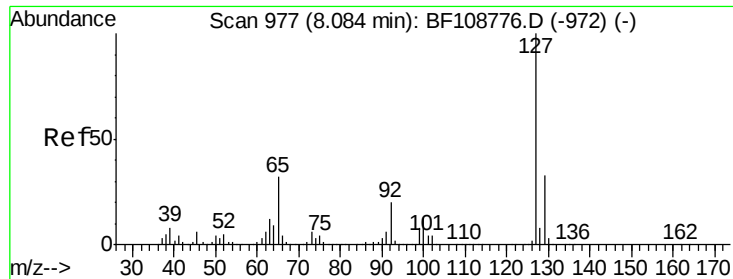
#32
Benzoic acid
Concen: 45.169 ng
RT: 7.82 min Scan# 932
Delta R.T. 0.02 min
Lab File: BF108950.D
Acq: 12 Sep 2018 15:13

Tgt Ion:122 Resp: 311581
Ion Ratio Lower Upper
122 100
105 123.6 101.1 141.1
77 91.7 70.7 110.7



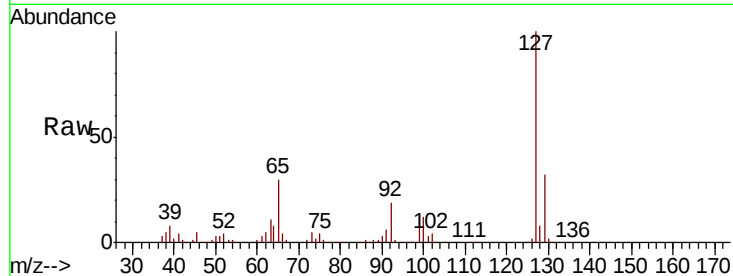
Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1



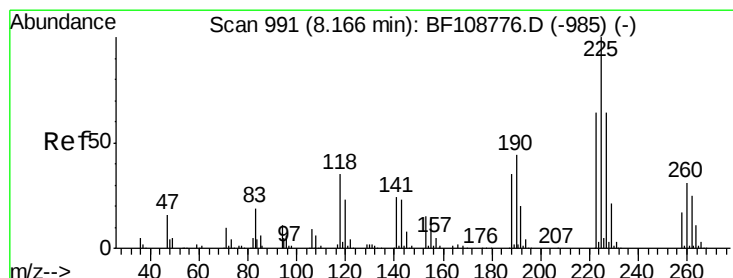
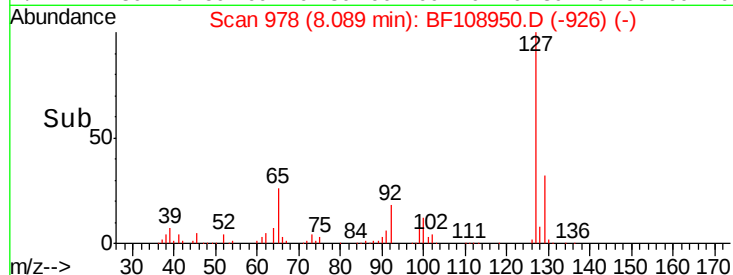
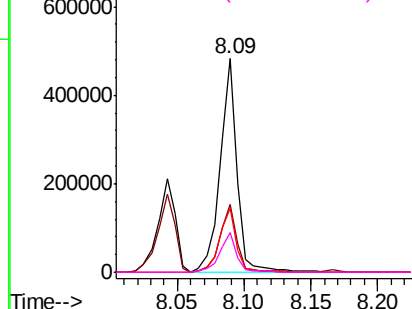


#33
4-Chloroaniline
Concen: 26.815 ng
RT: 8.09 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF108950.D
Acq: 12 Sep 2018 15:13

Tot Ion:	127	Resp:	430559
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	29.8	25.0	37.4
92	18.6	15.2	22.8

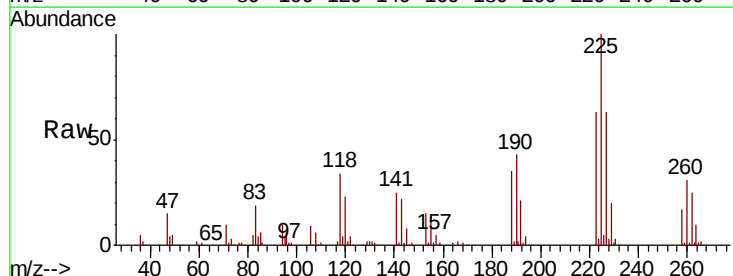


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

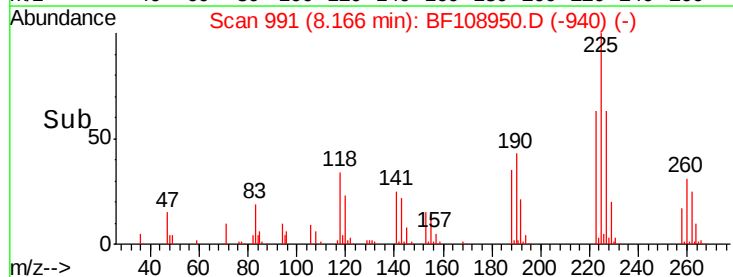
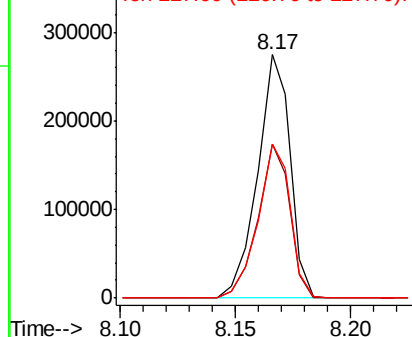


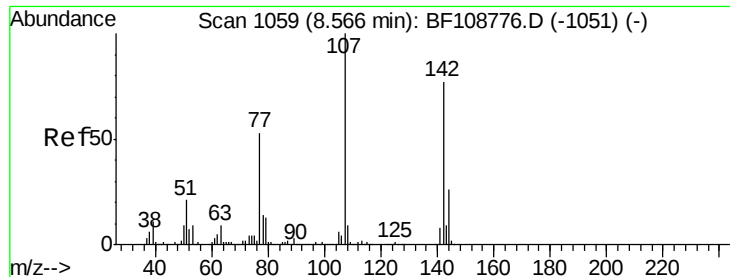
#34
Hexachlorobutadiene
Concen: 37.898 ng
RT: 8.17 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF108950.D
Acq: 12 Sep 2018 15:13

Tgt Ion:	225	Resp:	269672
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	63.3	51.9	77.9



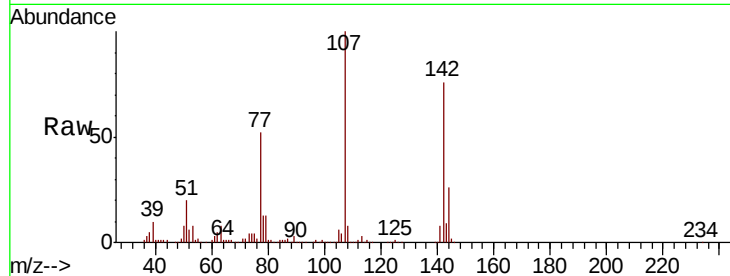
Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



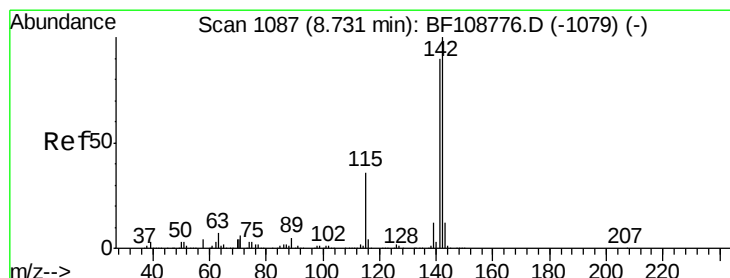
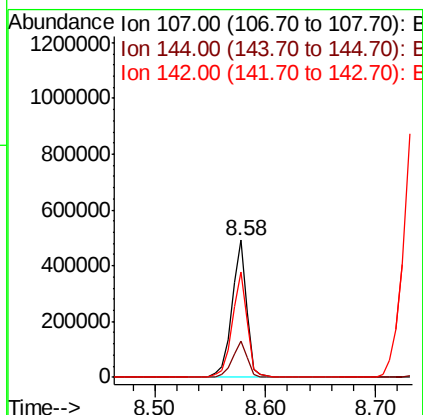
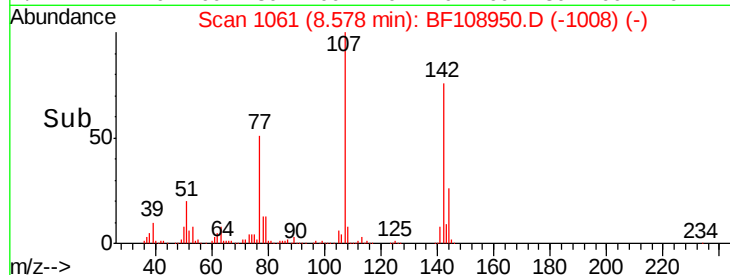


#36
4-Chloro-3-methylphenol
Concen: 39.585 ng
RT: 8.58 min Scan# 1061
Delta R.T. 0.01 min
Lab File: BF108950.D
Acq: 12 Sep 2018 15:13

Tot Ion:107 Resp: 463488
Ion Ratio Lower Upper
107 100
144 26.0 20.5 30.7
142 76.4 62.0 93.0

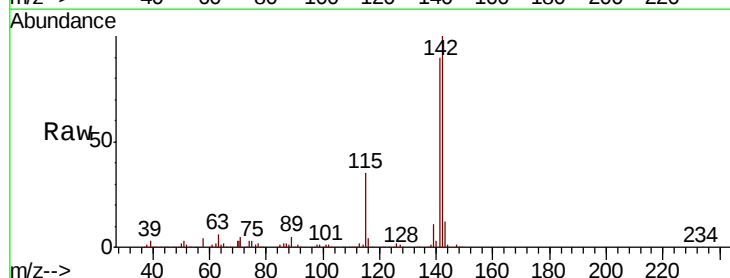


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

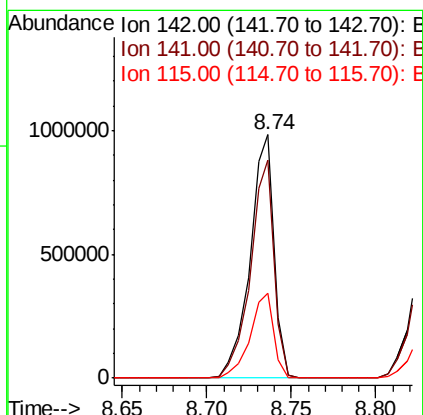
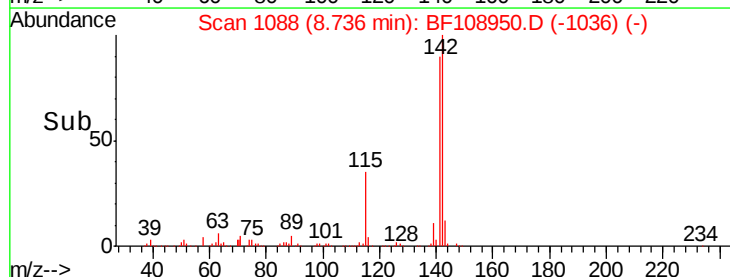


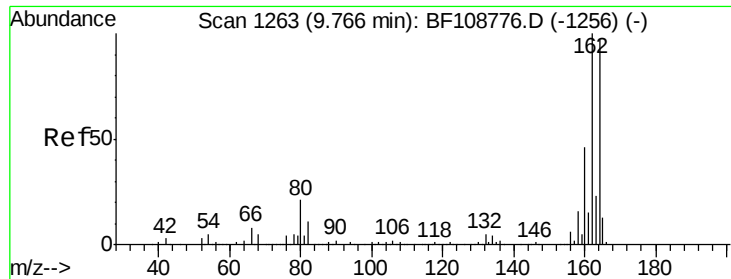
#37
2-Methylnaphthalene
Concen: 42.245 ng
RT: 8.74 min Scan# 1088
Delta R.T. 0.01 min
Lab File: BF108950.D
Acq: 12 Sep 2018 15:13

Tgt Ion:142 Resp: 975735
Ion Ratio Lower Upper
142 100
141 89.5 70.8 106.2
115 34.7 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: BF108950.D

Acq: 12 Sep 2018 15:13

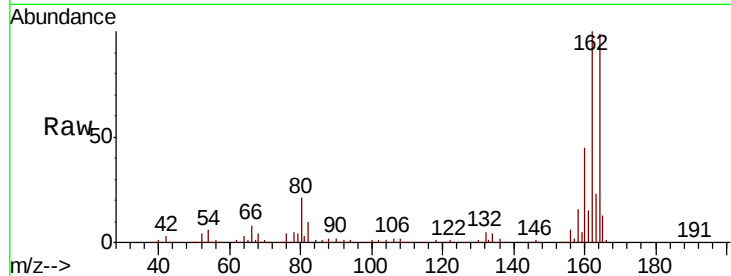
Tot Ion:164 Resp: 378797

Ion Ratio Lower Upper

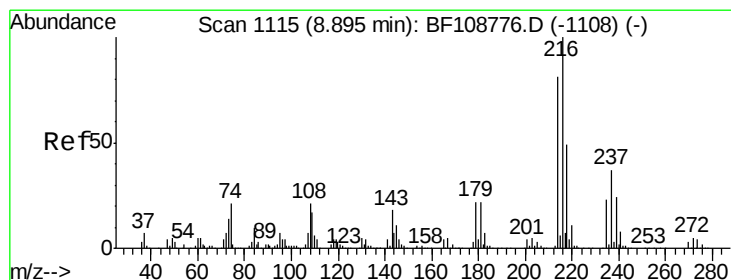
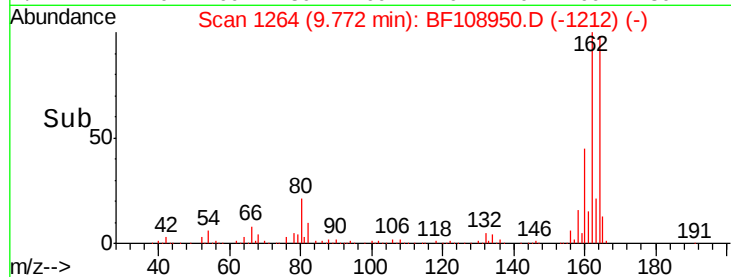
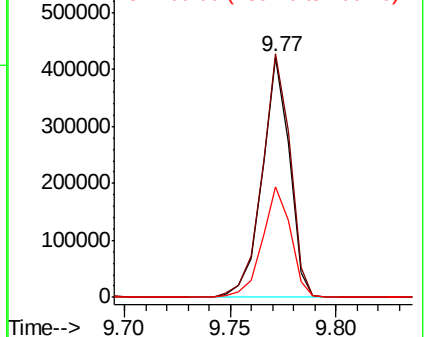
164 100

162 101.4 86.1 129.1

160 46.0 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: 37.418 ng

RT: 8.91 min Scan# 1117

Delta R.T. 0.01 min

Lab File: BF108950.D

Acq: 12 Sep 2018 15:13

Tgt Ion:216 Resp: 423700

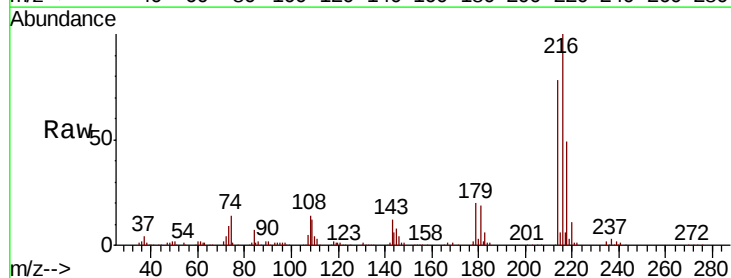
Ion Ratio Lower Upper

216 100

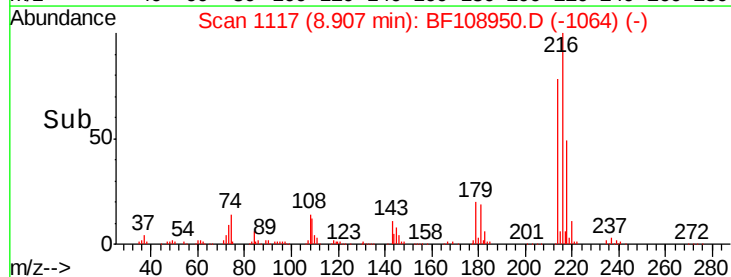
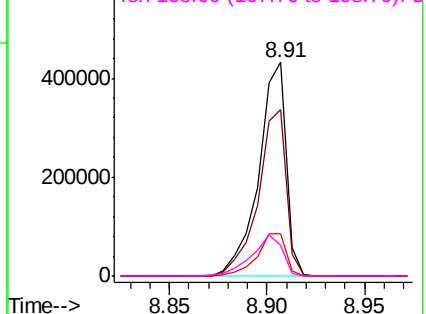
214 78.9 63.0 94.4

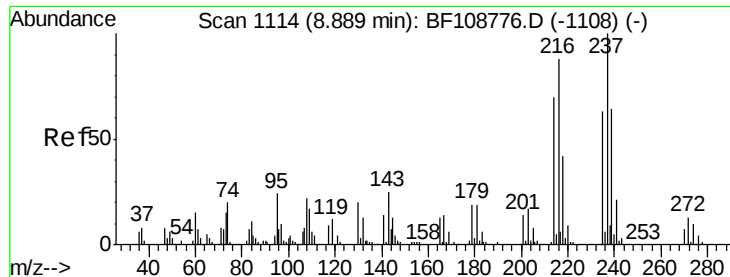
179 20.7 18.1 27.1

108 21.3 17.2 25.8



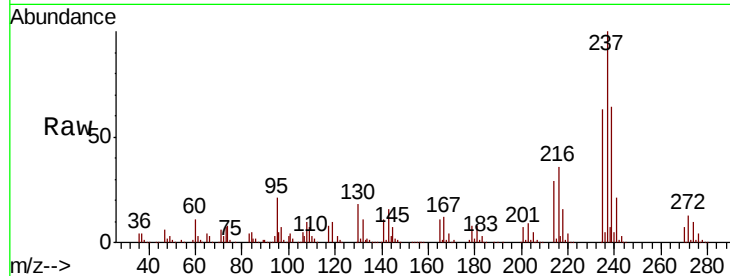
Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



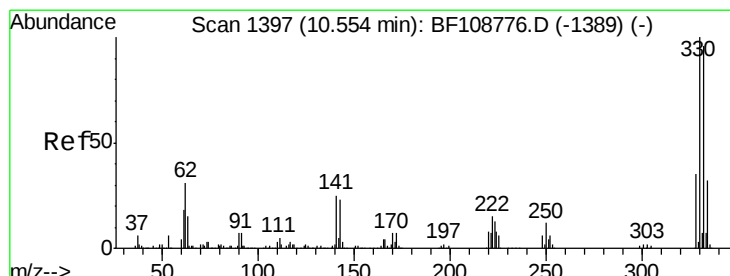
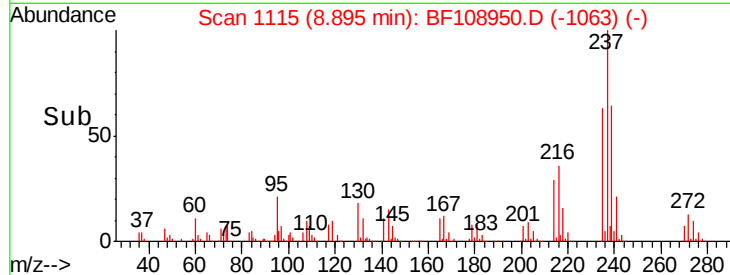
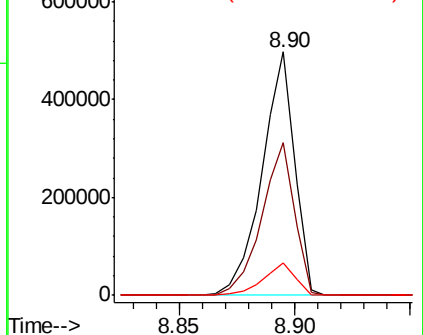


#40
Hexachlorocyclopentadiene
Concen: 85.351 ng
RT: 8.90 min Scan# 1115
Delta R.T. 0.01 min
Lab File: BF108950.D
Acq: 12 Sep 2018 15:13

Tot Ion:	237	Resp:	486206
Ion	Ratio	Lower	Upper
237	100		
235	62.6	44.8	84.8
272	13.2	0.0	33.3

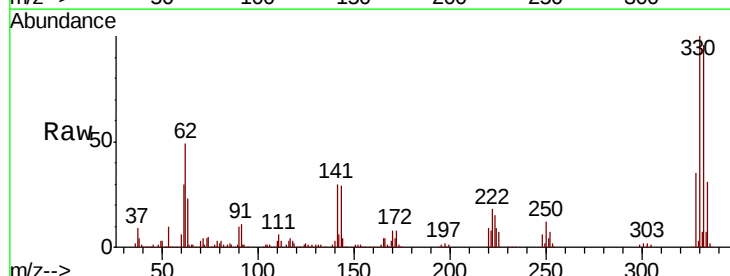


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

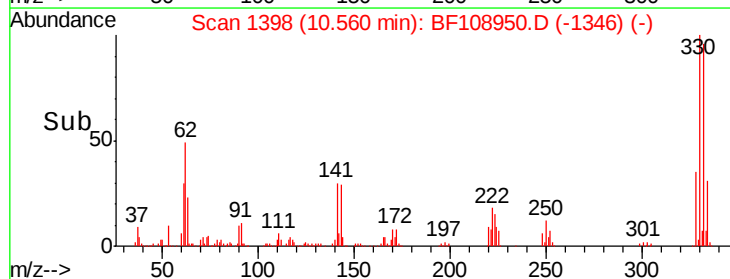
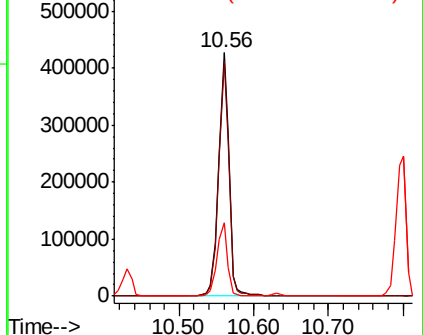


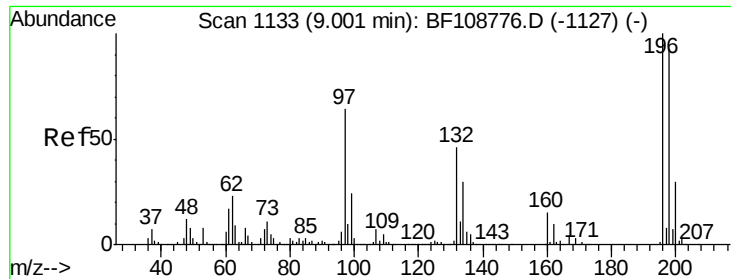
#41
2,4,6-Tribromophenol
Concen: 113.271 ng
RT: 10.56 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF108950.D
Acq: 12 Sep 2018 15:13

Tgt Ion:	330	Resp:	409610
Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	30.6	29.9	44.9



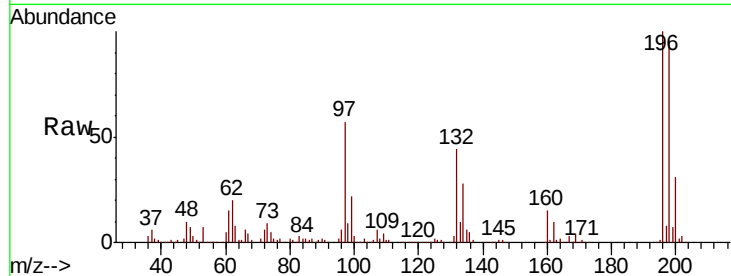
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#42
 2,4,6-Trichlorophenol
 Concen: 41.145 ng
 RT: 9.01 min Scan# 1135
 Delta R.T. 0.01 min
 Lab File: BF108950.D
 Acq: 12 Sep 2018 15:13

Tot Ion	196	Resp	317340
Ion Ratio	Lower	Upper	
196	100		
198	95.8	75.7	113.5
200	31.2	24.5	36.7

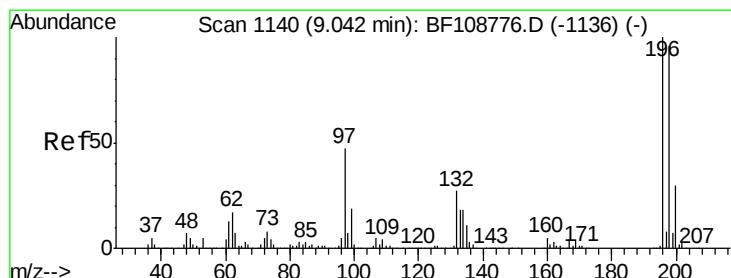
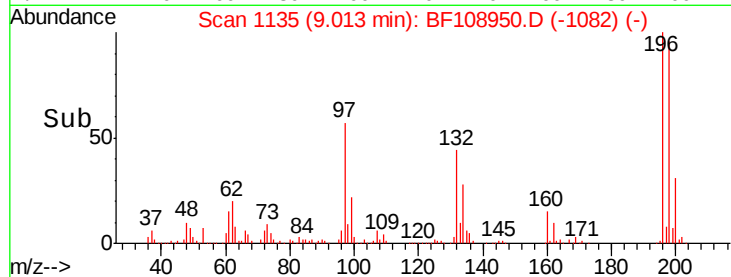
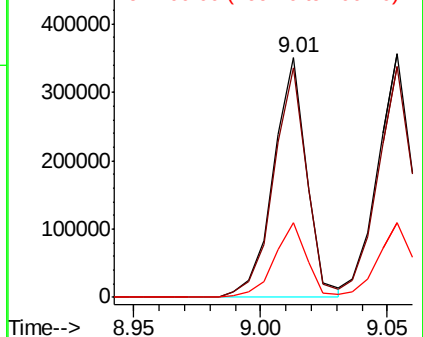


Abundance

Ion 196.00 (195.70 to 196.70): E

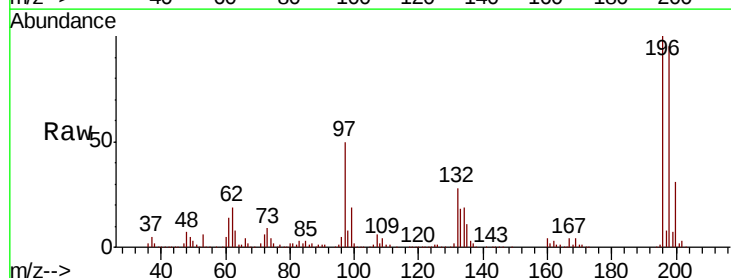
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43
 2,4,5-Trichlorophenol
 Concen: 42.520 ng
 RT: 9.05 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF108950.D
 Acq: 12 Sep 2018 15:13

Tgt Ion	196	Resp	339935
Ion Ratio	Lower	Upper	
196	100		
198	94.6	74.6	112.0
97	49.6	42.9	64.3
132	28.0	26.3	39.5



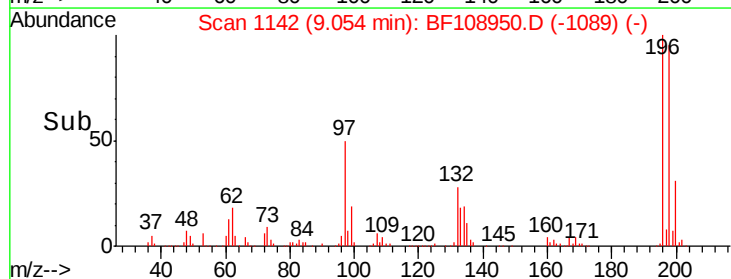
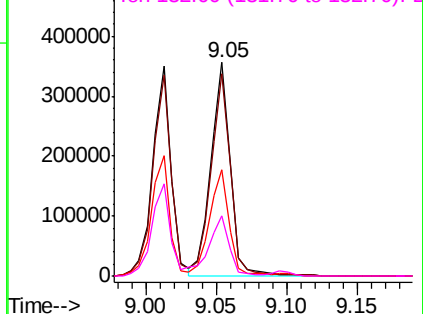
Abundance

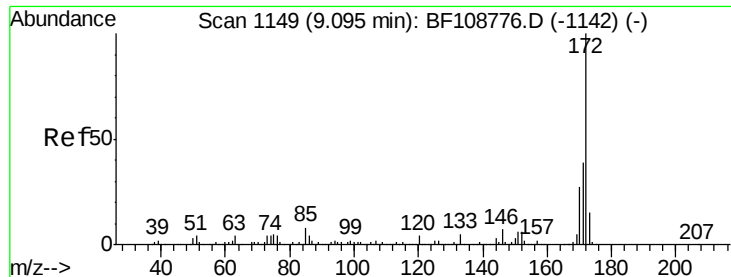
Ion 196.00 (195.70 to 196.70): E

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

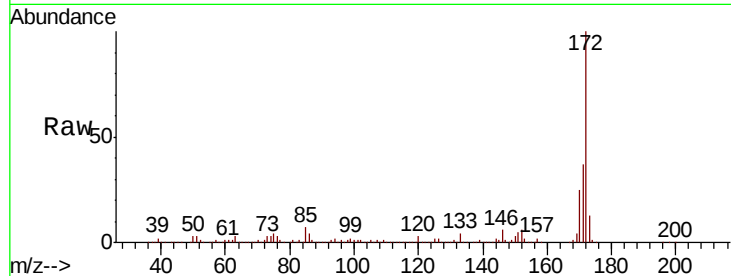




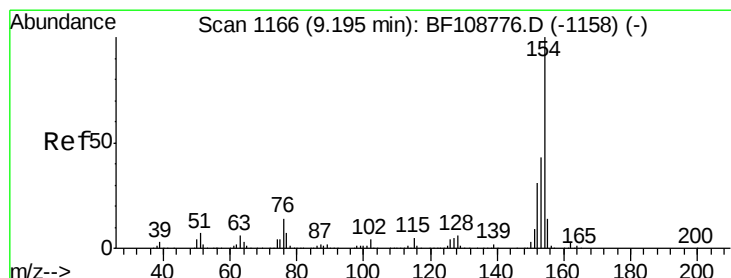
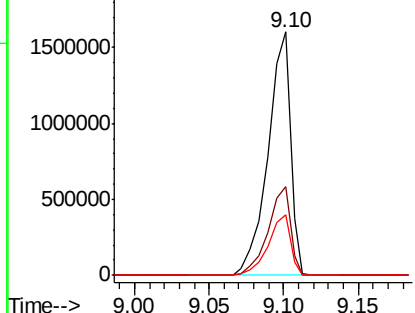
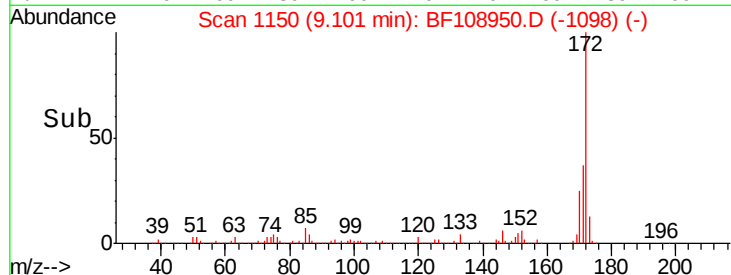
#44
2-Fluorobiphenyl
Concen: 75.422 ng
RT: 9.10 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BF108950.D
Acq: 12 Sep 2018 15:13

Tot Ion:172 Resp: 1674660

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.7	19.6	29.4



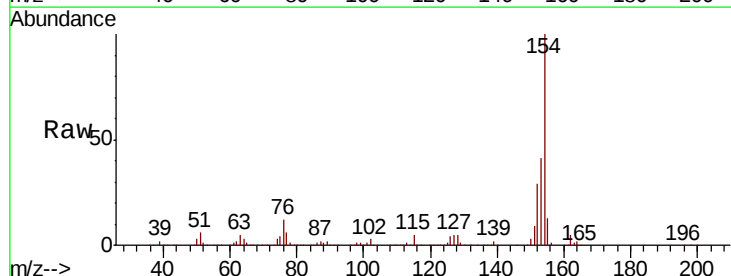
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



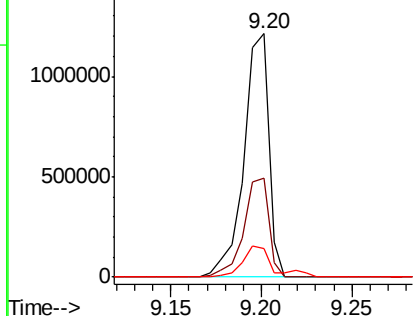
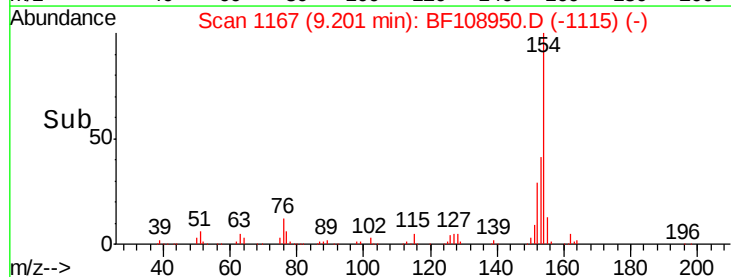
#45
1,1'-Biphenyl
Concen: 39.645 ng
RT: 9.20 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BF108950.D
Acq: 12 Sep 2018 15:13

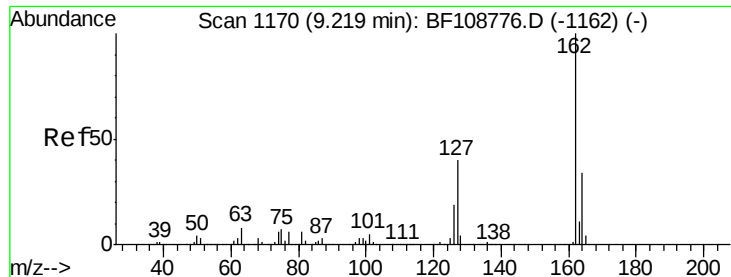
Tgt Ion:154 Resp: 1156149

Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.3	61.3
76	11.8	0.0	34.0



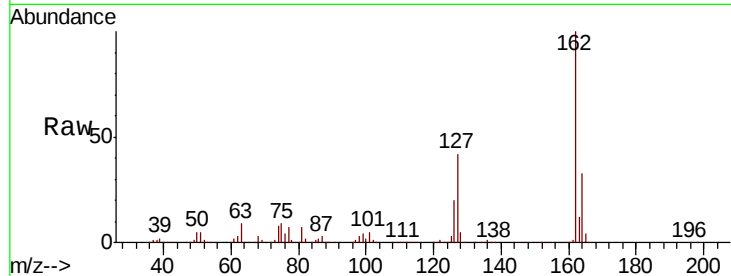
Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



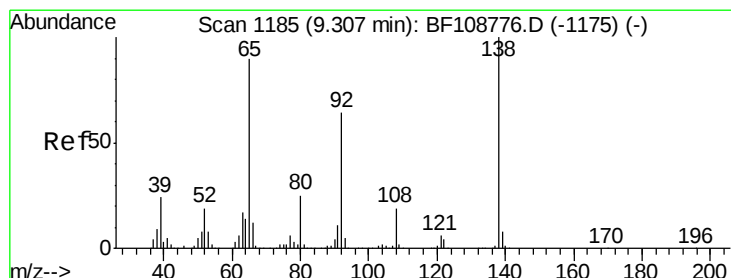
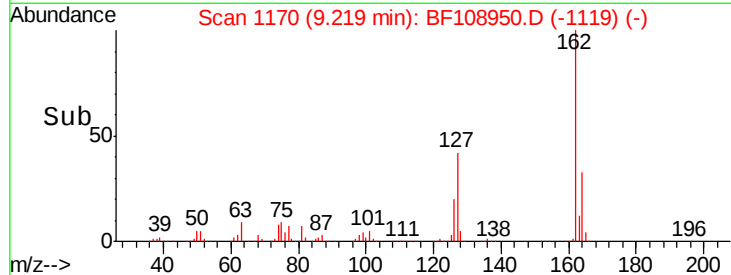
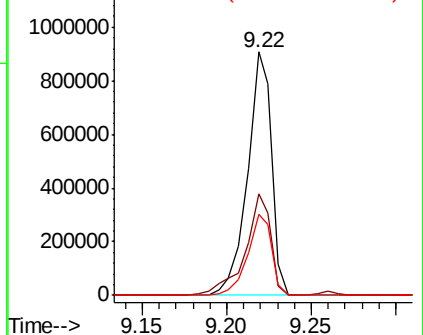


#46
 2-Chloronaphthalene
 Concen: 38.293 ng
 RT: 9.22 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF108950.D
 Acq: 12 Sep 2018 15:13

Tot Ion:	162	Resp:	903136
Ion	Ratio	Lower	Upper
162	100		
127	41.8	33.9	50.9
164	33.0	26.5	39.7

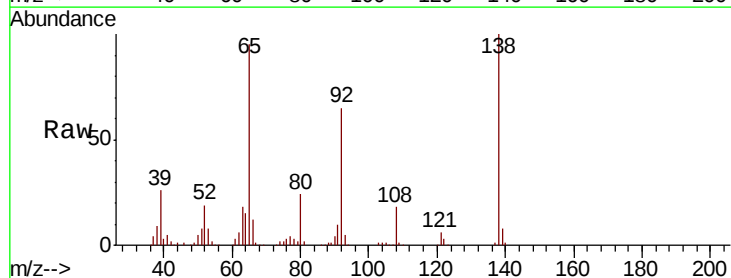


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

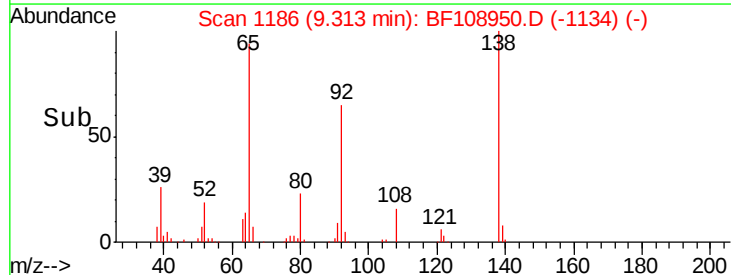
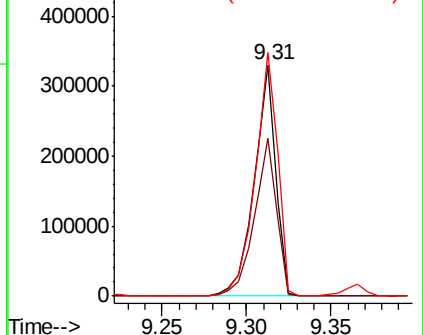


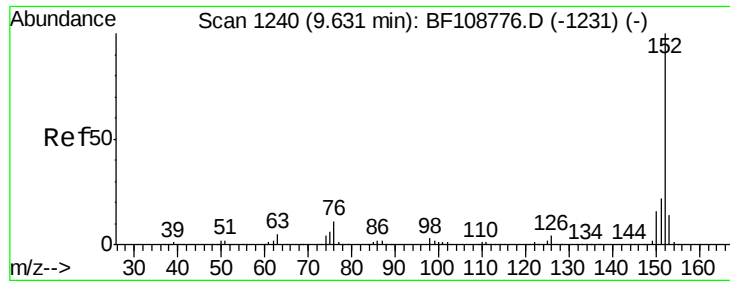
#47
 2-Nitroaniline
 Concen: 45.768 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. 0.01 min
 Lab File: BF108950.D
 Acq: 12 Sep 2018 15:13

Tgt Ion:	65	Resp:	294884
Ion	Ratio	Lower	Upper
65	100		
92	68.5	55.8	83.6
138	105.5	91.2	136.8



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





#48

Acenaphthylene

Concen: 40.926 ng

RT: 9.64 min Scan# 1241

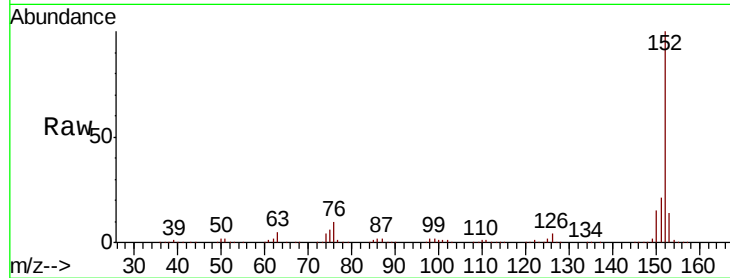
Delta R.T. 0.01 min

Lab File: BF108950.D

Acq: 12 Sep 2018 15:13

Tot Ion:152 Resp: 1438757

Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.3	24.5
153	13.9	10.7	16.1

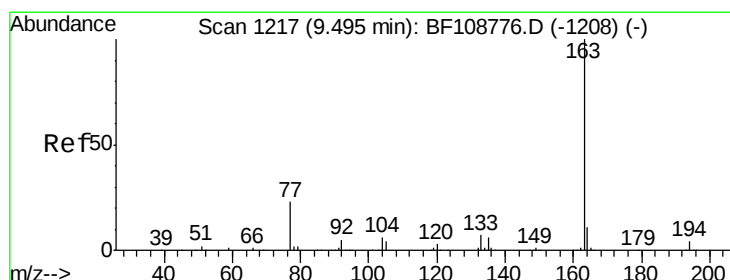
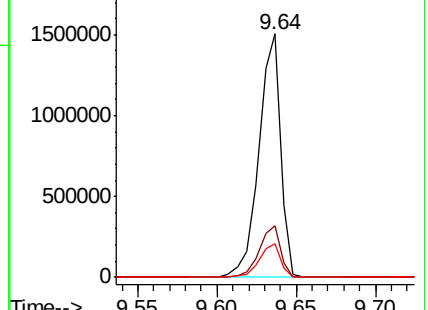
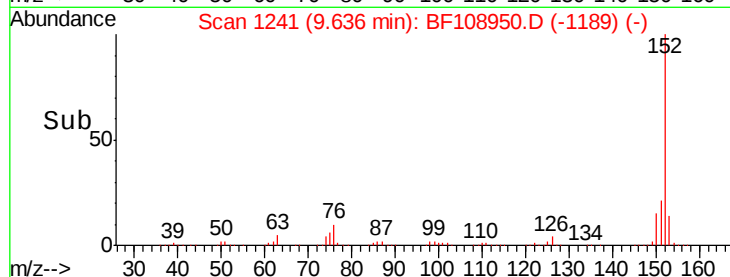


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 39.651 ng

RT: 9.50 min Scan# 1218

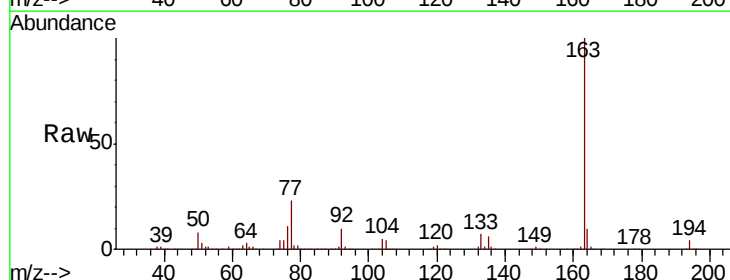
Delta R.T. 0.01 min

Lab File: BF108950.D

Acq: 12 Sep 2018 15:13

Tgt Ion:163 Resp: 1050512

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.3	8.2	12.2

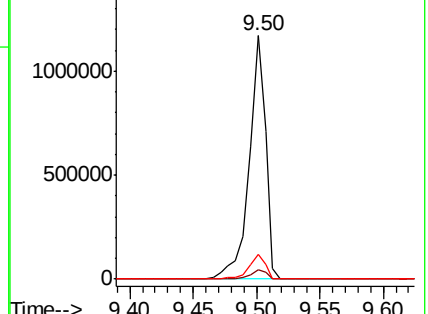
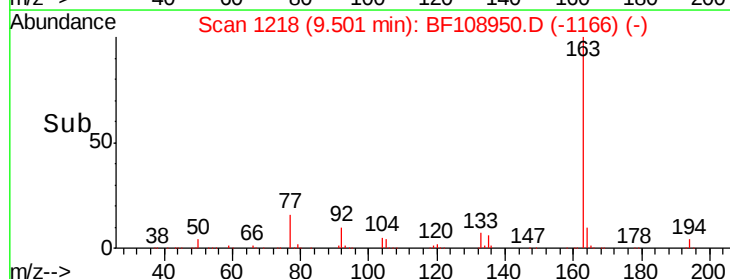


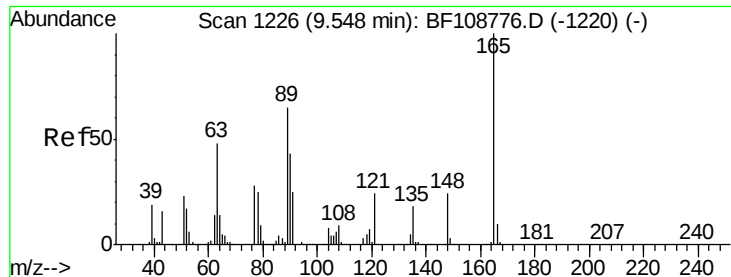
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

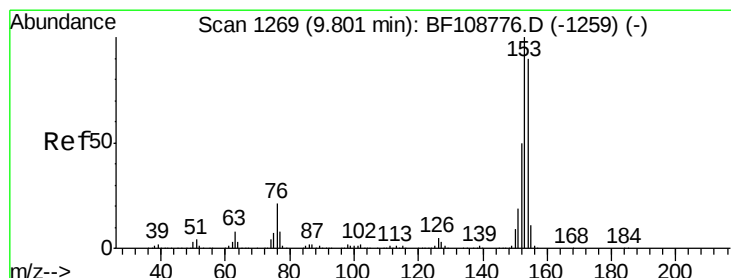
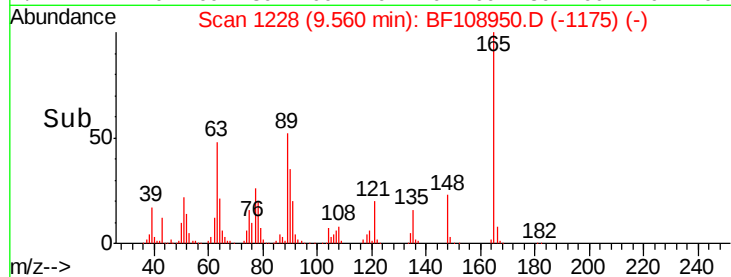
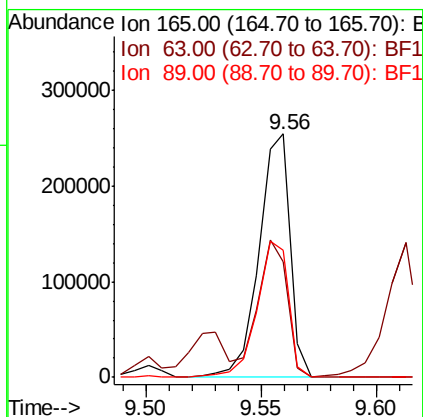
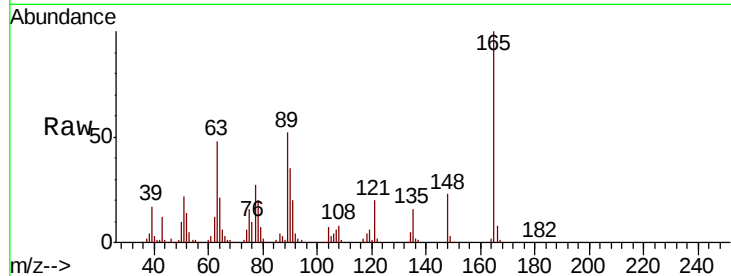
Ion 164.00 (163.70 to 164.70): E





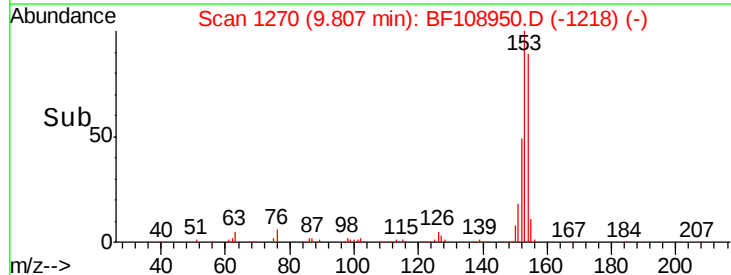
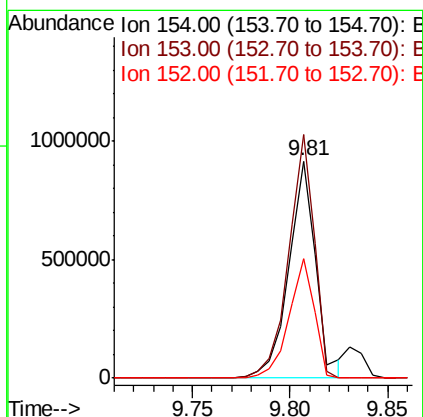
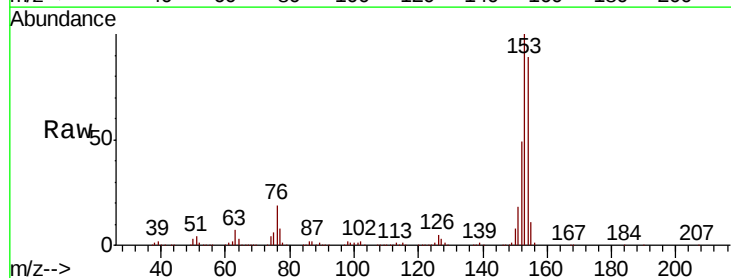
#50
2,6-Dinitrotoluene
Concen: 47.511 ng
RT: 9.56 min Scan# 1228
Delta R.T. 0.01 min
Lab File: BF108950.D
Acq: 12 Sep 2018 15:13

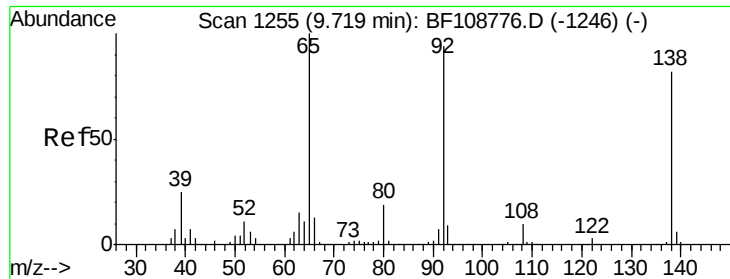
Tot Ion	Ratio	Lower	Upper
165	100		
63	47.7	44.7	67.1
89	52.3	44.0	66.0



#51
Acenaphthene
Concen: 40.043 ng
RT: 9.81 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF108950.D
Acq: 12 Sep 2018 15:13

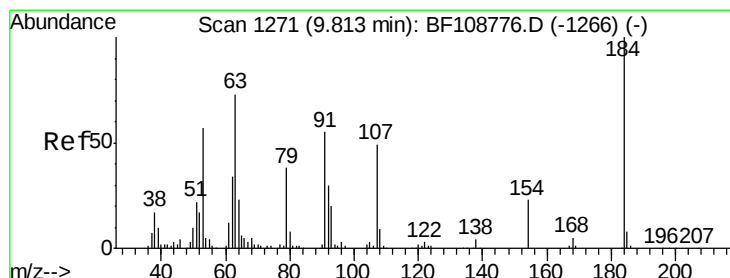
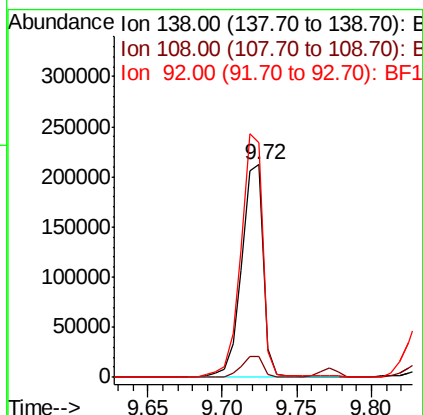
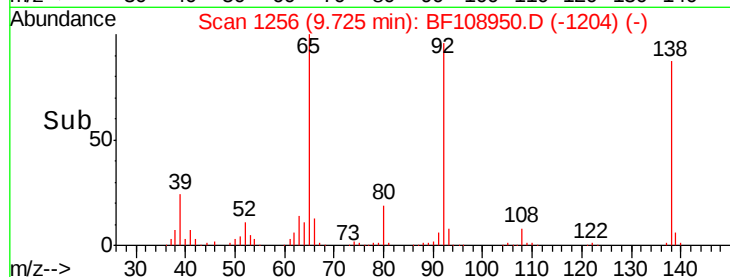
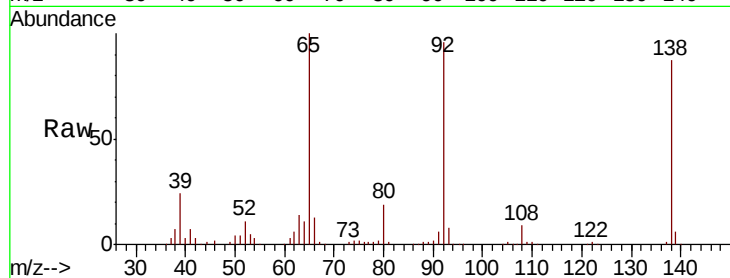
Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.3	91.2	136.8
152	54.8	43.8	65.8





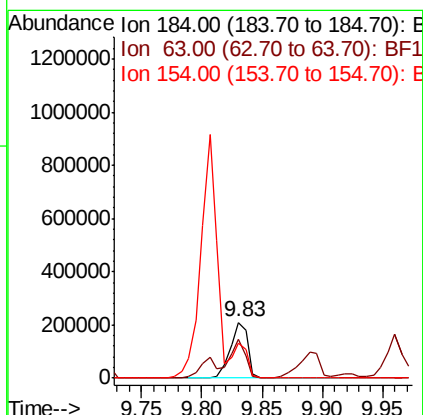
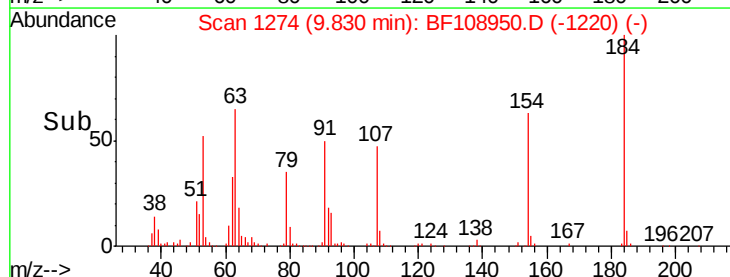
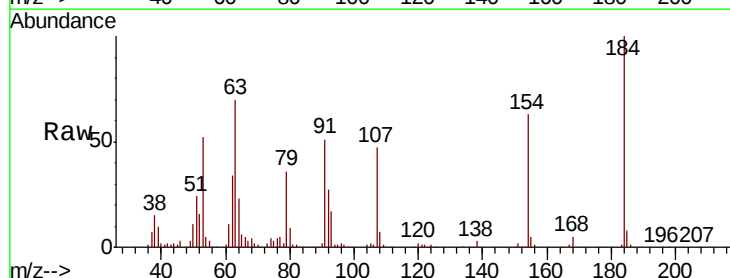
#52
 3-Nitroaniline
 Concen: 35.673 ng
 RT: 9.72 min Scan# 1256
 Delta R.T. 0.01 min
 Lab File: BF108950.D
 Acq: 12 Sep 2018 15:13

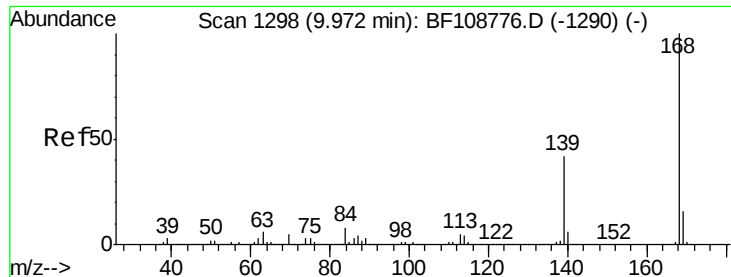
Tot Ion:138	Resp:	214379	
Ion Ratio	Lower	Upper	
138	100		
108	9.8	9.4	14.0
92	110.5	89.4	134.2



#53
 2,4-Dinitrophenol
 Concen: 111.229 ng
 RT: 9.83 min Scan# 1274
 Delta R.T. 0.02 min
 Lab File: BF108950.D
 Acq: 12 Sep 2018 15:13

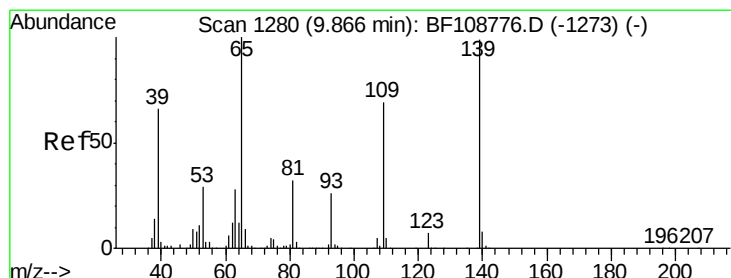
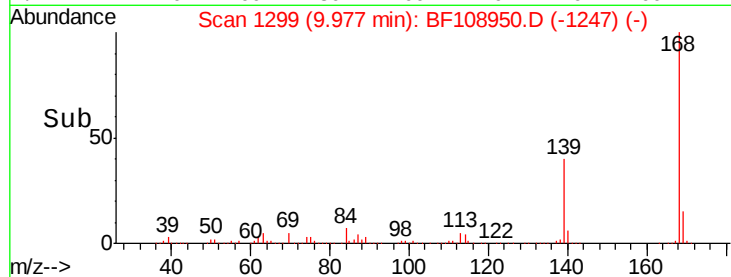
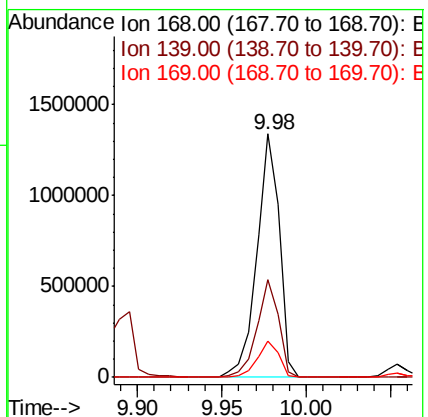
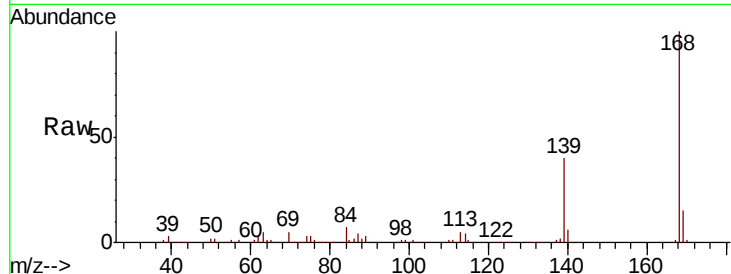
Tgt Ion	184	Resp: Lower	213893 Upper
	Ratio		
184	100		
63	70.2	54.2	81.2
154	62.8	184.0	276.0#





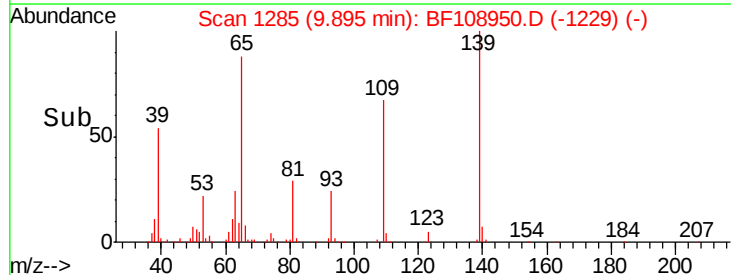
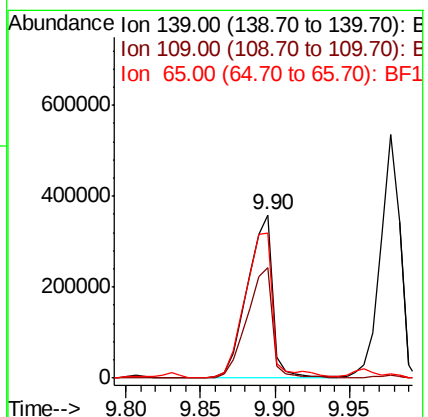
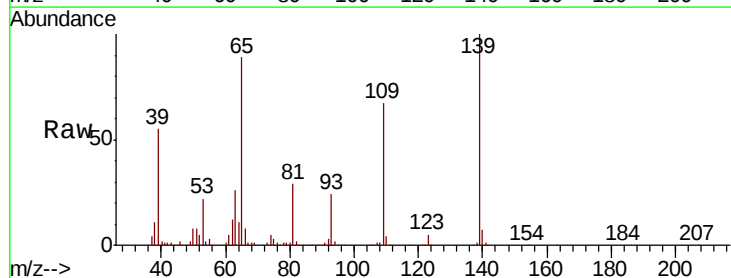
#54
Dibenzofuran
Concen: 39.216 ng
RT: 9.98 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BF108950.D
Acq: 12 Sep 2018 15:13

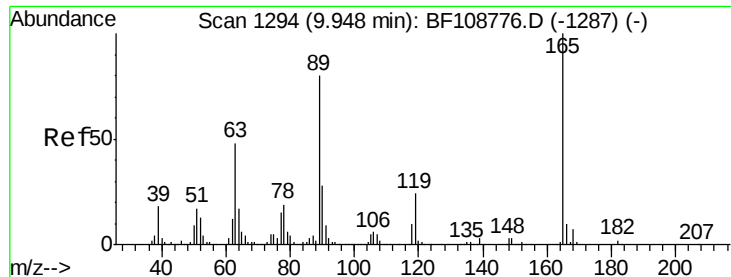
Tot Ion:168 Resp: 1243606
Ion Ratio Lower Upper
168 100
139 40.0 30.1 45.1
169 14.8 10.9 16.3



#55
4-Nitrophenol
Concen: 93.982 ng
RT: 9.90 min Scan# 1285
Delta R.T. 0.03 min
Lab File: BF108950.D
Acq: 12 Sep 2018 15:13

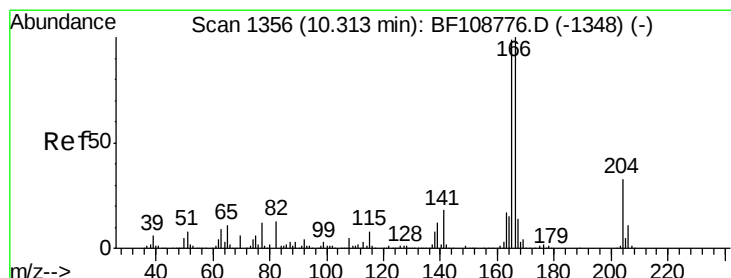
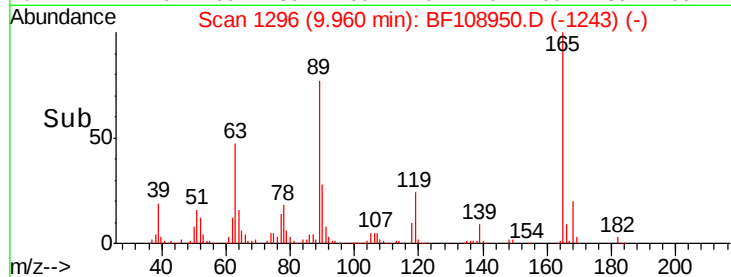
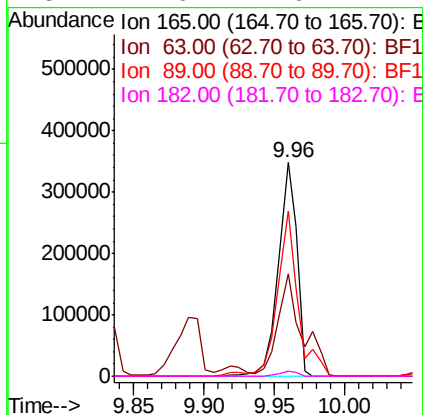
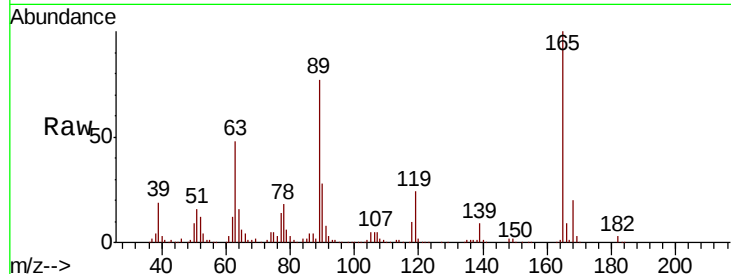
Tgt Ion:139 Resp: 422226
Ion Ratio Lower Upper
139 100
109 67.4 48.4 88.4
65 88.6 72.6 112.6





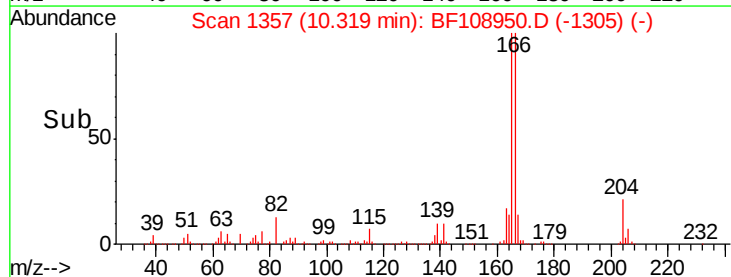
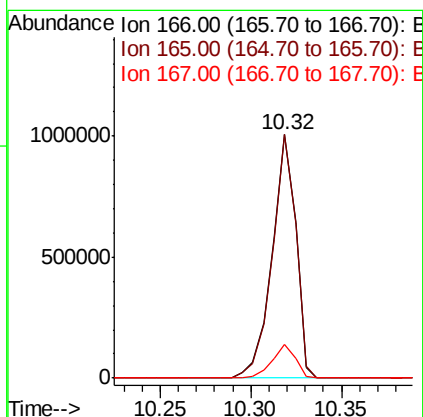
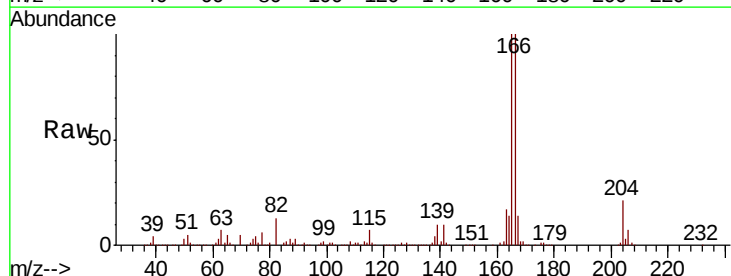
#56
2,4-Dinitrotoluene
Concen: 49.662 ng
RT: 9.96 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF108950.D
Acq: 12 Sep 2018 15:13

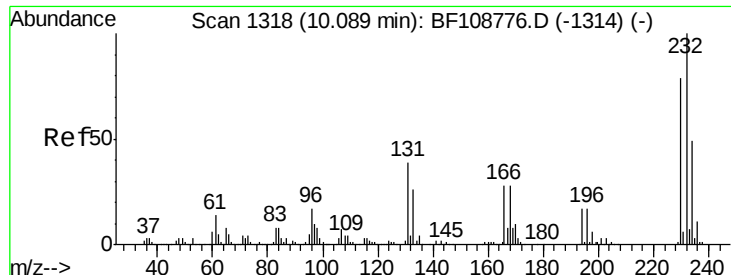
Tot Ion:	165	Resp:	320632
Ion	Ratio	Lower	Upper
165	100		
63	47.7	36.4	54.6
89	77.3	57.8	86.6
182	2.6	1.6	2.4



#57
Fluorene
Concen: 45.002 ng
RT: 10.32 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF108950.D
Acq: 12 Sep 2018 15:13

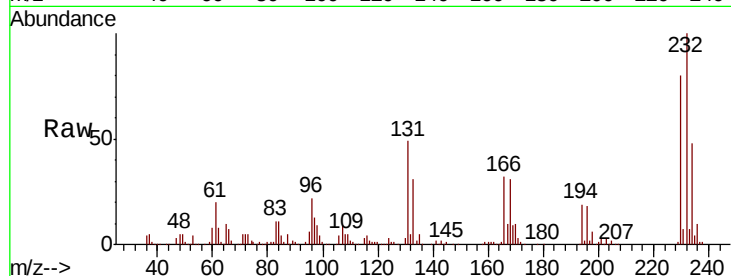
Tgt Ion:	166	Resp:	915813
Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.8	119.8
167	13.6	10.6	16.0



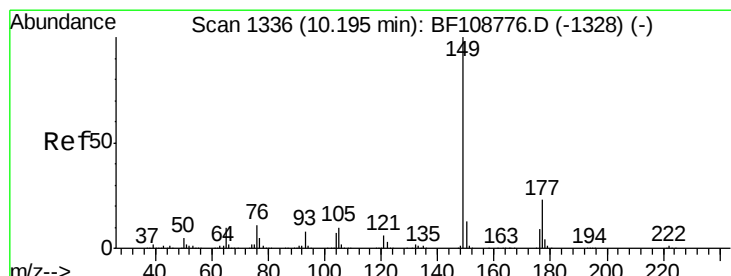
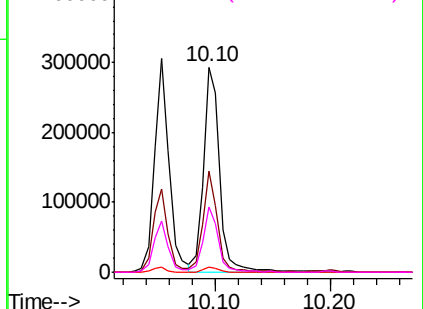
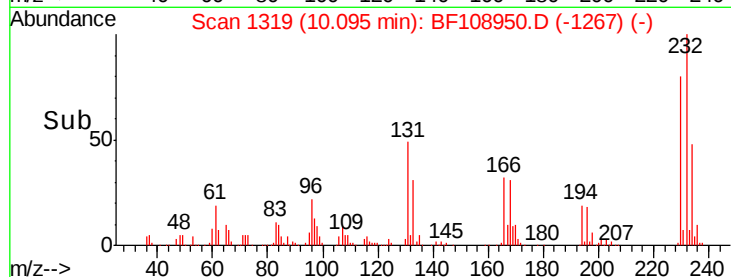


#58
2,3,4,6-Tetrachlorophenol
Concen: 44.326 ng
RT: 10.10 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF108950.D
Acq: 12 Sep 2018 15:13

Tot Ion:	232	Resp:	285776
Ion	Ratio	Lower	Upper
232	100		
131	45.3	43.8	65.8
130	2.3	2.1	3.1
166	29.5	27.8	41.6

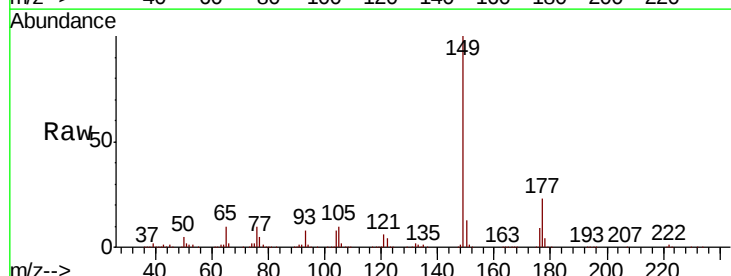


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

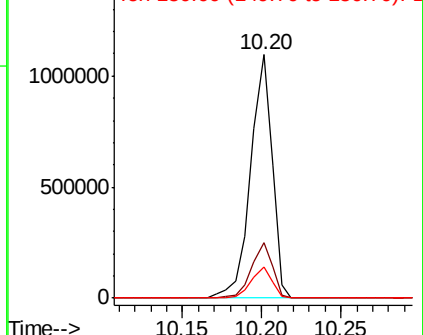
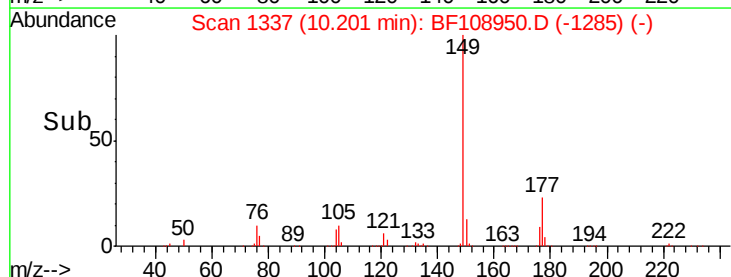


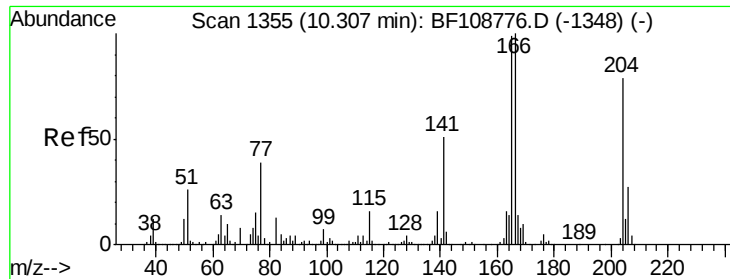
#59
Diethylphthalate
Concen: 37.783 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF108950.D
Acq: 12 Sep 2018 15:13

Tgt Ion:	149	Resp:	1033029
Ion	Ratio	Lower	Upper
149	100		
177	22.5	16.1	24.1
150	12.9	10.1	15.1



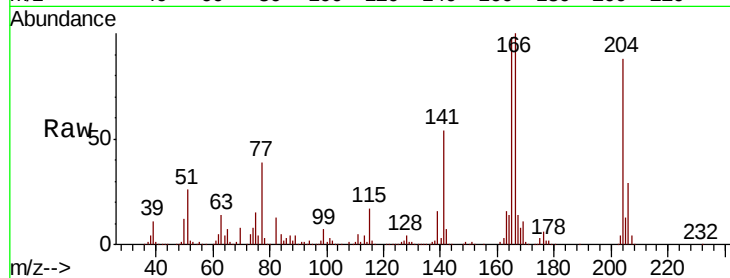
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





#60
4-Chlorophenyl-phenylether
Concen: 39.958 ng
RT: 10.31 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF108950.D
Acq: 12 Sep 2018 15:13

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.5	39.7
141	60.9	54.6	81.8

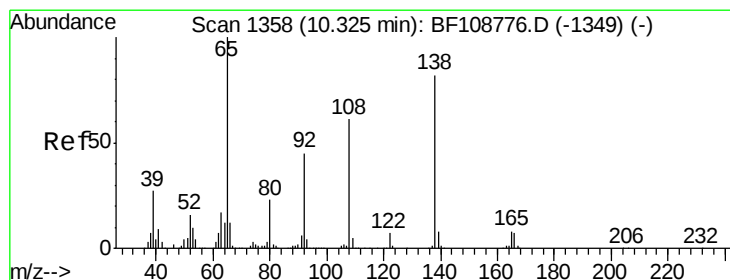
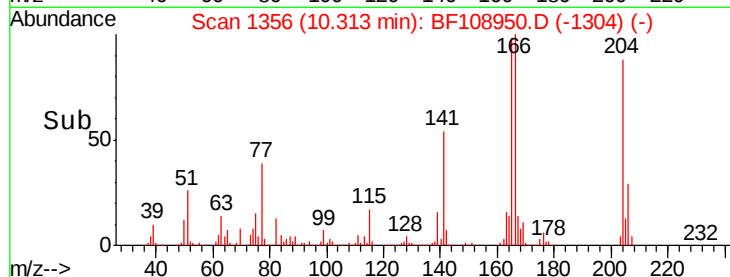
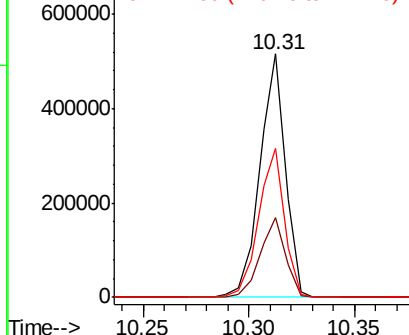


Abundance

Ion 204.00 (203.70 to 204.70): E

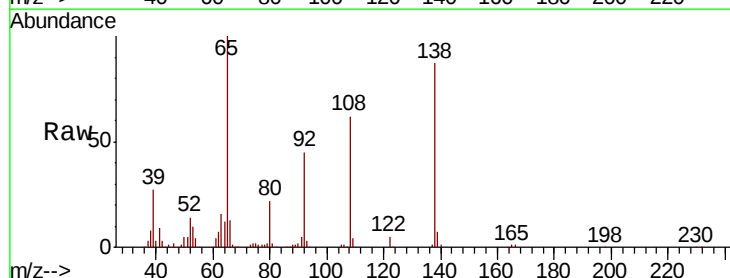
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61
4-Nitroaniline
Concen: 49.876 ng
RT: 10.34 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BF108950.D
Acq: 12 Sep 2018 15:13

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.5	30.2	70.2
108	71.7	52.5	92.5

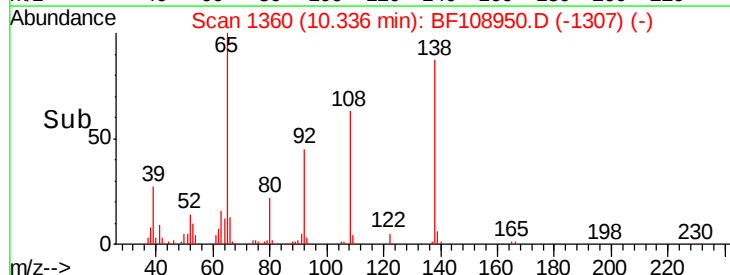
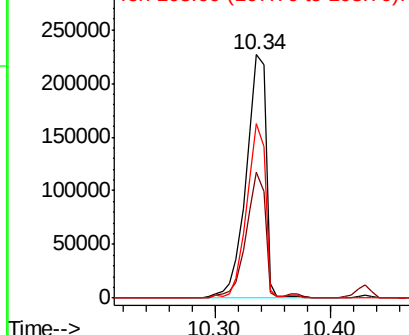


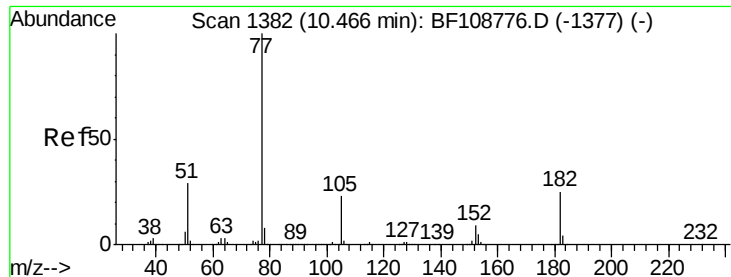
Abundance

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: 37.754 ng

RT: 10.47 min Scan# 1383

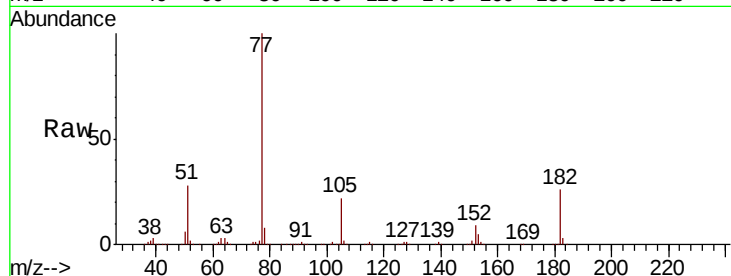
Delta R.T. 0.01 min

Lab File: BF108950.D

Acq: 12 Sep 2018 15:13

Tot Ion: 77 Resp: 1065509

Ion	Ratio	Lower	Upper
77	100		
182	25.6	1.7	41.7
105	22.1	3.0	43.0
51	28.4	9.9	49.9

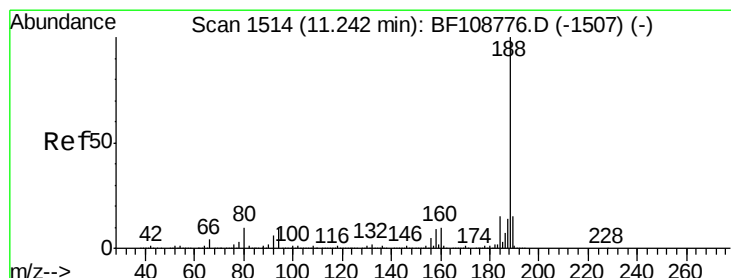
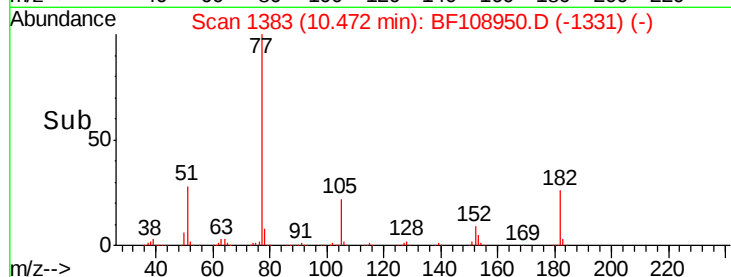
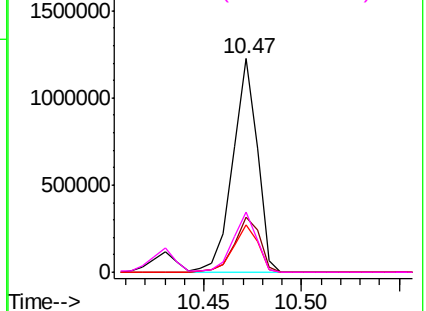


Abundance Ion 77.00 (76.70 to 77.70): BF1

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

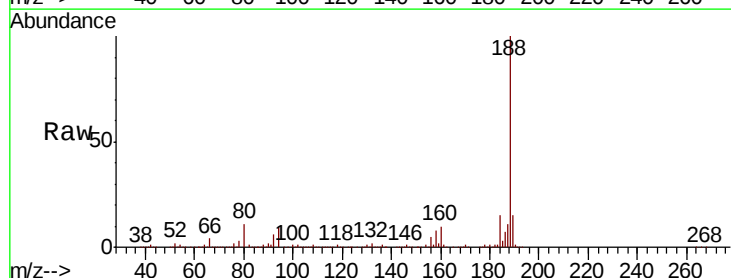
Delta R.T. 0.01 min

Lab File: BF108950.D

Acq: 12 Sep 2018 15:13

Tgt Ion: 188 Resp: 744915

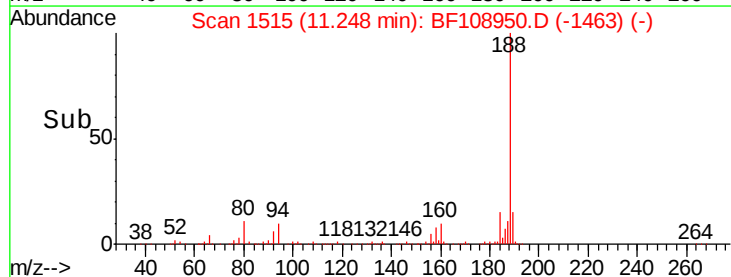
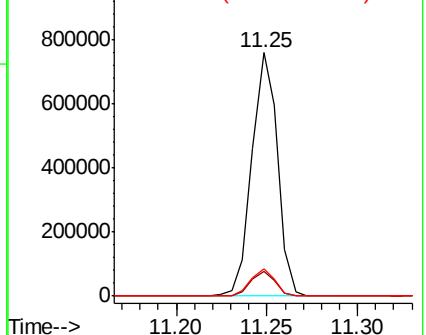
Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	11.0	9.2	13.8

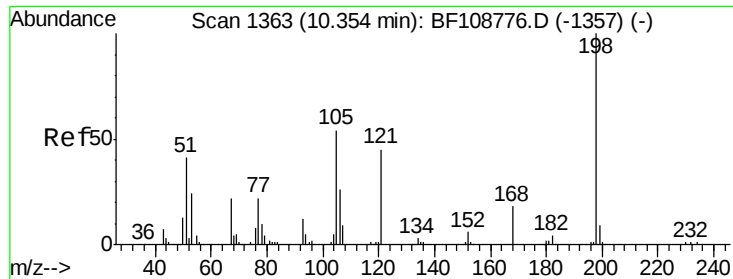


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

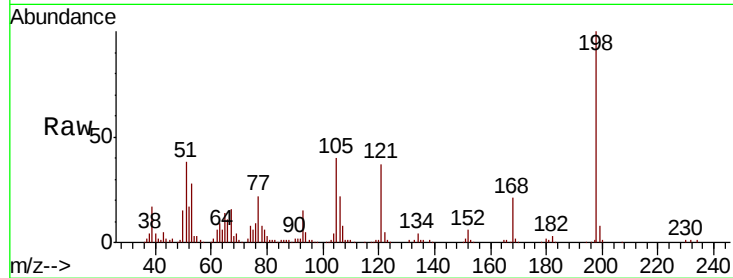
Ion 80.00 (79.70 to 80.70): BF1



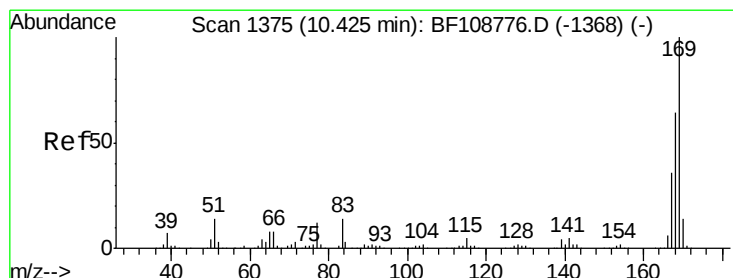
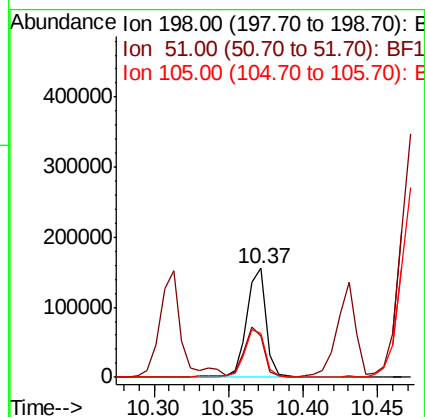
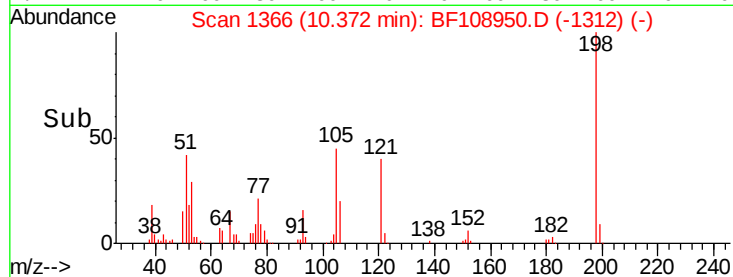


#64
 4,6-Dinitro-2-methylphenol
 Concen: 47.594 ng
 RT: 10.37 min Scan# 1366
 Delta R.T. 0.02 min
 Lab File: BF108950.D
 Acq: 12 Sep 2018 15:13

Tot Ion	Ratio	Lower	Upper
198	100		
51	38.0	37.7	77.7
105	40.5	36.3	76.3

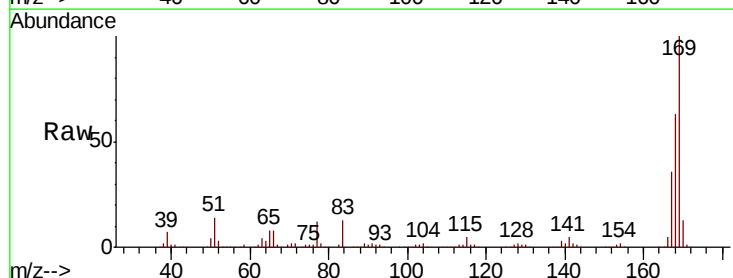


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

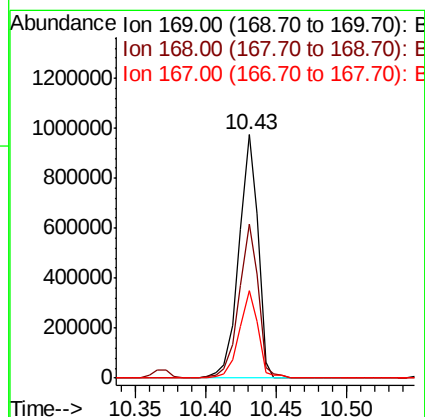
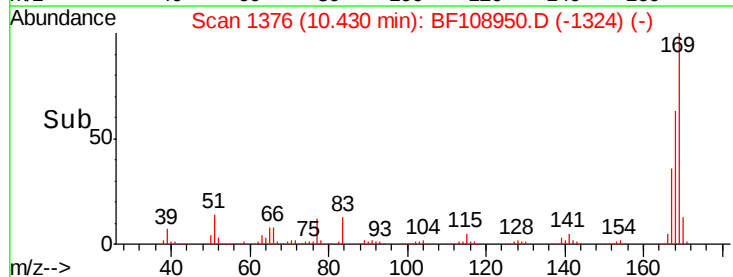


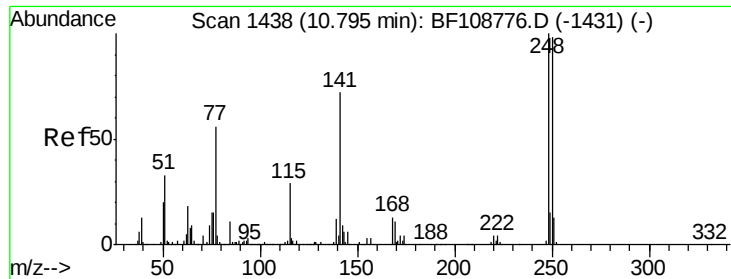
#65
 n-Nitrosodiphenylamine
 Concen: 36.858 ng
 RT: 10.43 min Scan# 1376
 Delta R.T. 0.01 min
 Lab File: BF108950.D
 Acq: 12 Sep 2018 15:13

Tgt Ion	Ratio	Lower	Upper
169	100		
168	63.5	54.4	81.6
167	35.8	29.8	44.6



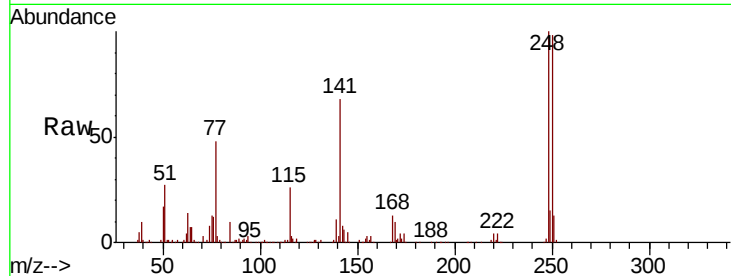
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E





#66
4-Bromophenyl-phenylether
Concen: 36.371 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF108950.D
Acq: 12 Sep 2018 15:13

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	76.9	115.3
141	67.8	74.4	111.6#

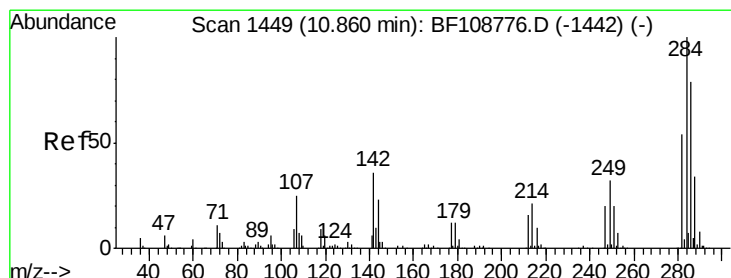
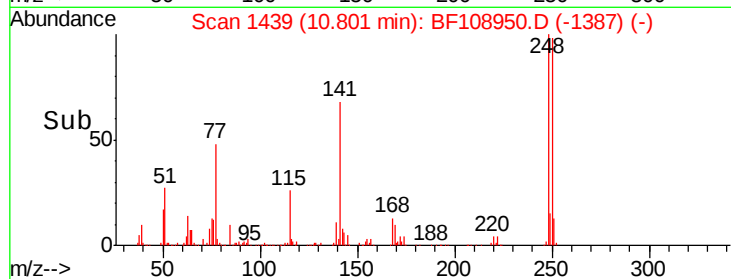
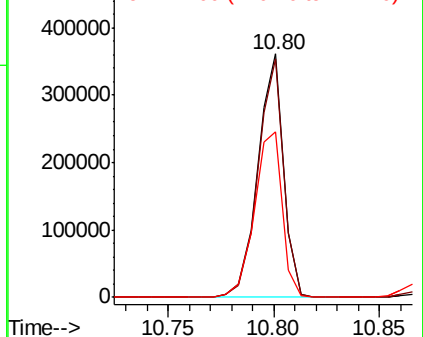


Abundance

Ion 248.00 (247.70 to 248.70): E

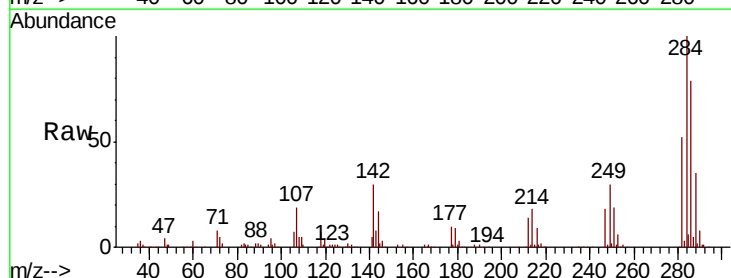
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#67
Hexachlorobenzene
Concen: 36.761 ng
RT: 10.87 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BF108950.D
Acq: 12 Sep 2018 15:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.2	34.6	52.0#
249	30.0	24.8	37.2

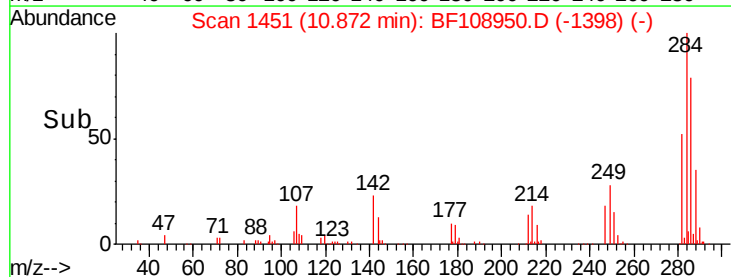
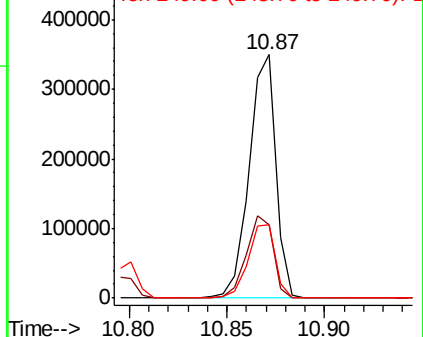


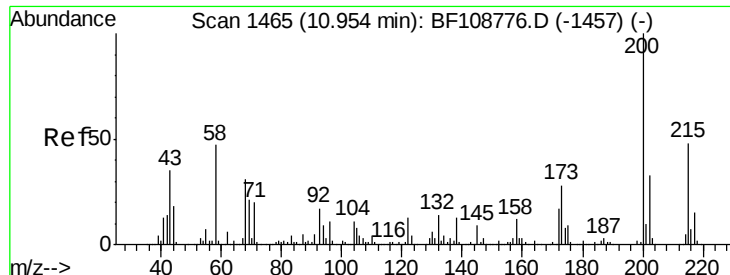
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

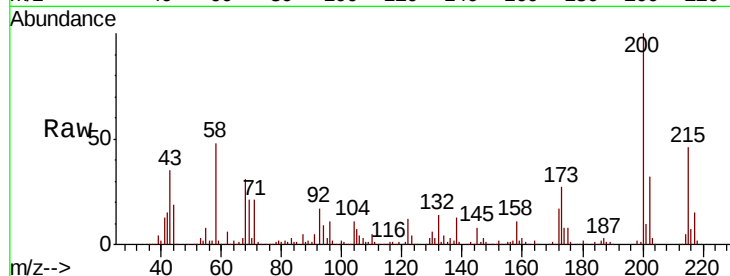
Ion 249.00 (248.70 to 249.70): E



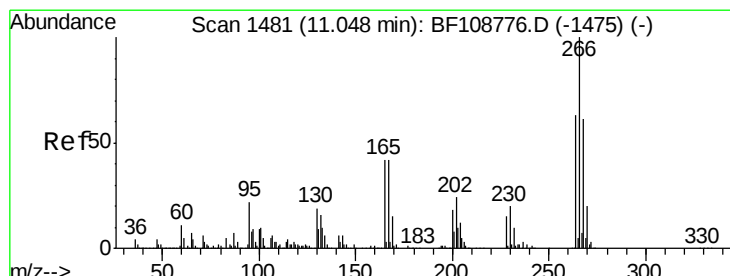
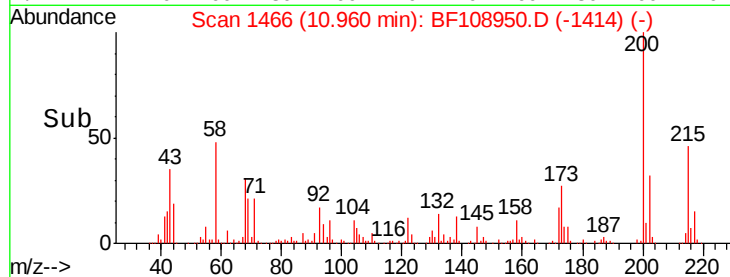
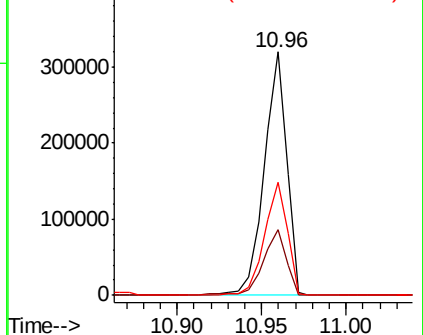


#68
Atrazine
Concen: 37.090 ng
RT: 10.96 min Scan# 1466
Delta R.T. 0.01 min
Lab File: BF108950.D
Acq: 12 Sep 2018 15:13

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.8	8.6	48.6
215	46.3	25.1	65.1

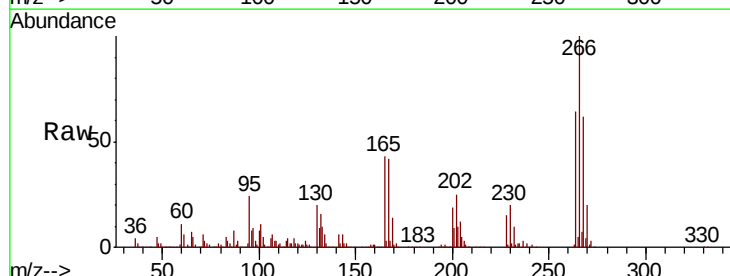


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

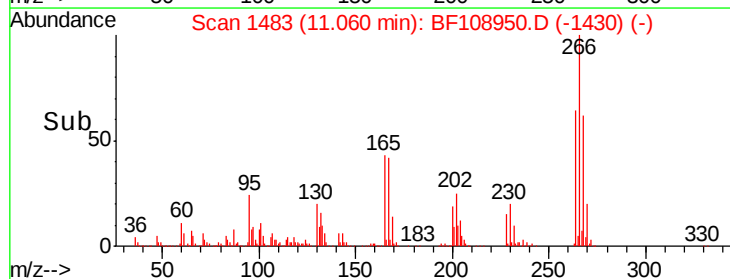
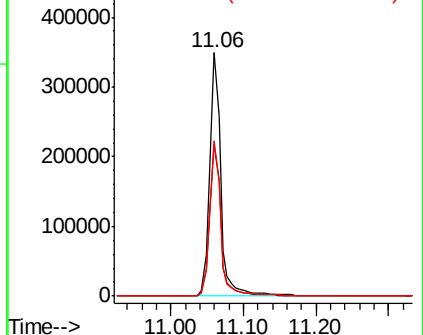


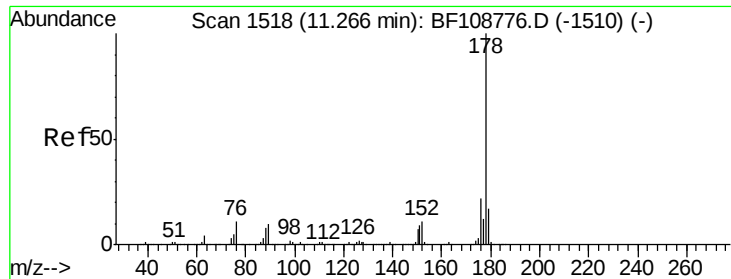
#69
Pentachlorophenol
Concen: 68.628 ng
RT: 11.06 min Scan# 1483
Delta R.T. 0.01 min
Lab File: BF108950.D
Acq: 12 Sep 2018 15:13

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.4	51.1	76.7
264	63.8	49.5	74.3



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

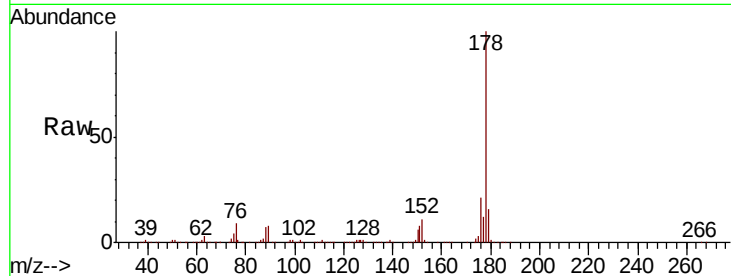




#70
Phenanthrene
Concen: 40.078 ng
RT: 11.28 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF108950.D
Acq: 12 Sep 2018 15:13

Tot Ion:178 Resp: 1425687

Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.8	23.8
179	15.8	13.0	19.6

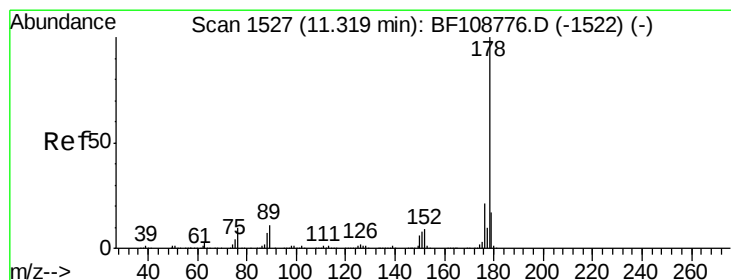
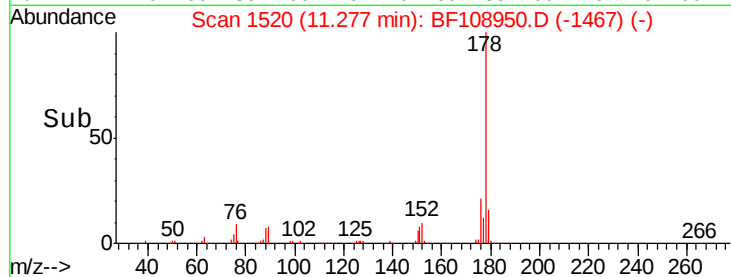
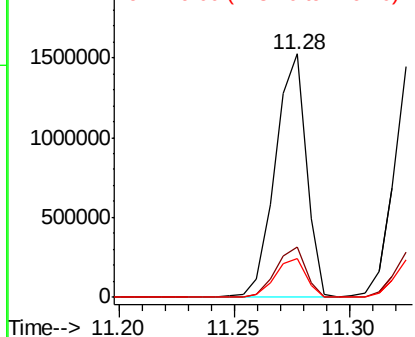


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

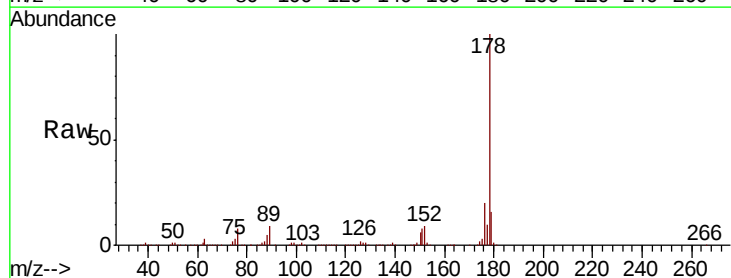
Ion 179.00 (178.70 to 179.70): E



#71
Anthracene
Concen: 42.472 ng
RT: 11.33 min Scan# 1529
Delta R.T. 0.01 min
Lab File: BF108950.D
Acq: 12 Sep 2018 15:13

Tgt Ion:178 Resp: 1446579

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.4	23.2
179	16.0	12.6	19.0

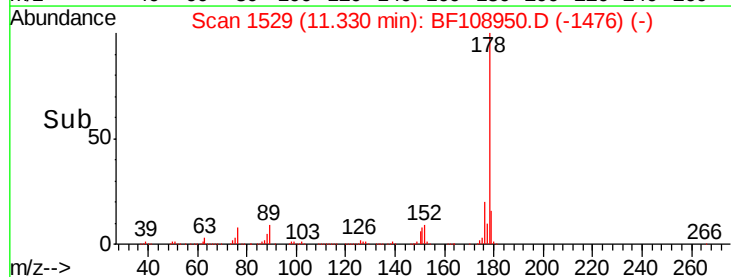
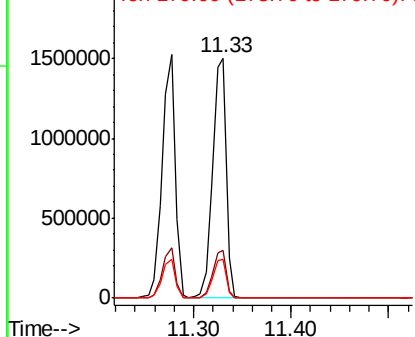


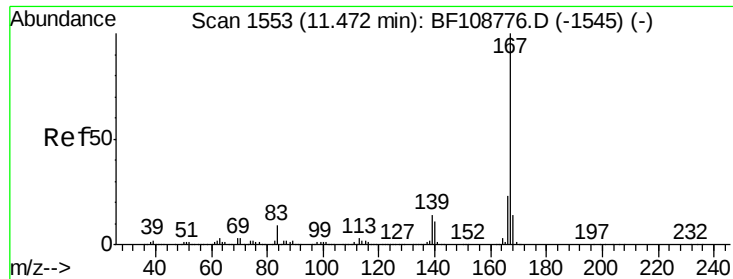
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 37.243 ng

RT: 11.48 min Scan# 1554

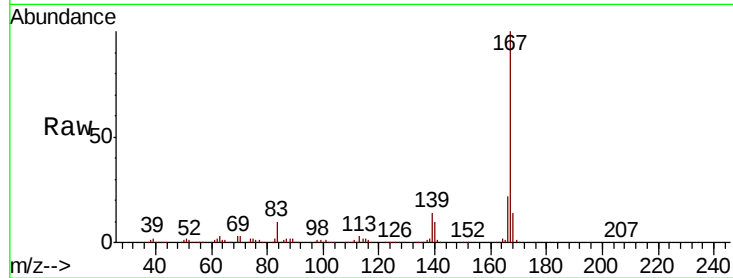
Delta R.T. 0.01 min

Lab File: BF108950.D

Acq: 12 Sep 2018 15:13

Tot Ion:167 Resp: 1335873

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	13.7	10.9	16.3

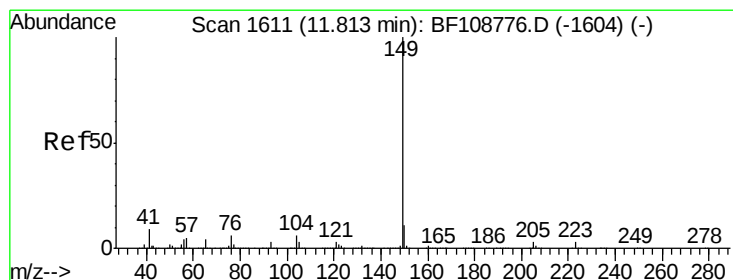
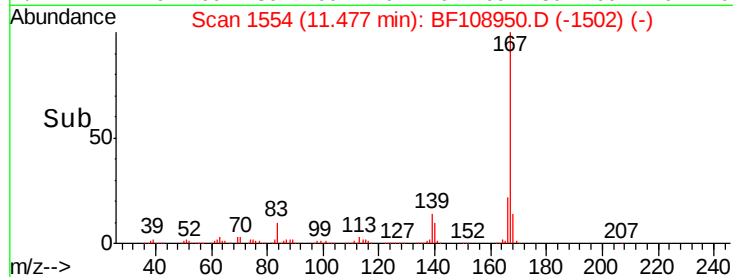
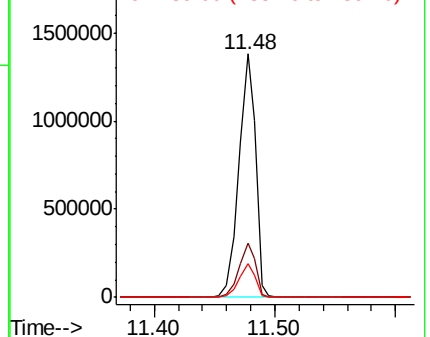


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 39.720 ng

RT: 11.82 min Scan# 1612

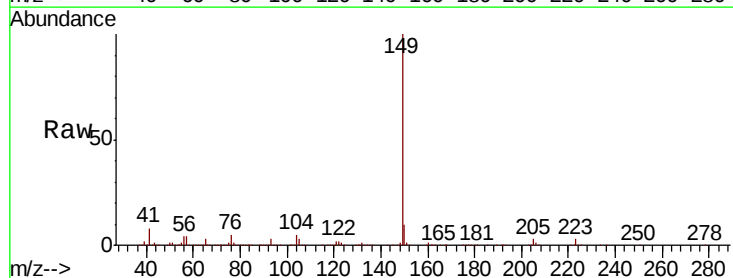
Delta R.T. 0.01 min

Lab File: BF108950.D

Acq: 12 Sep 2018 15:13

Tgt Ion:149 Resp: 1582142

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.6
104	5.0	3.8	5.8

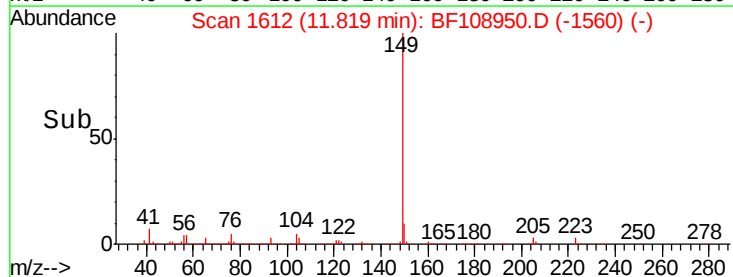
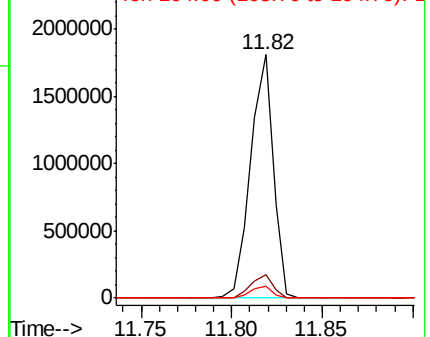


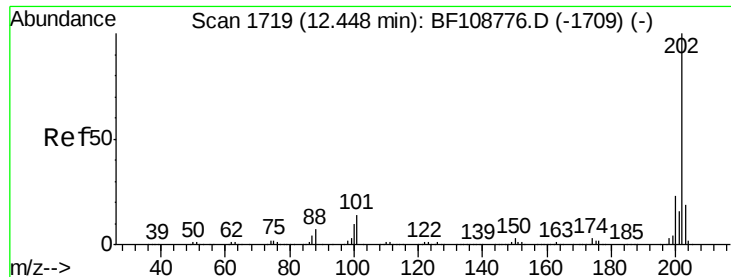
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

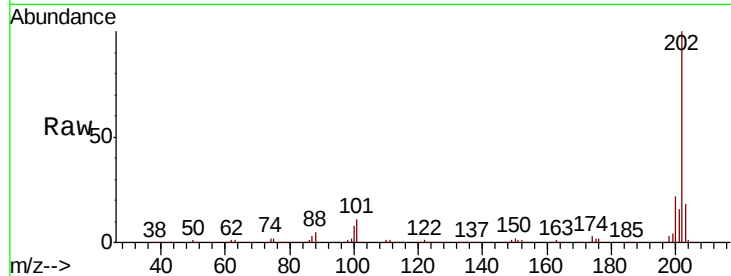




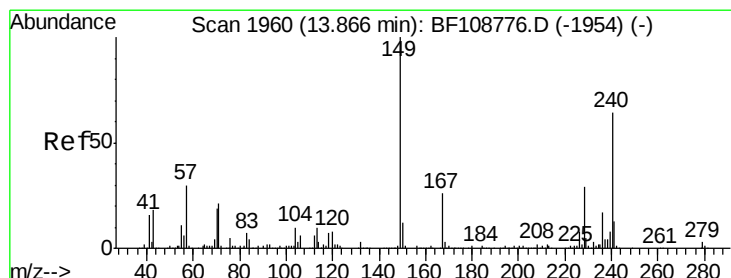
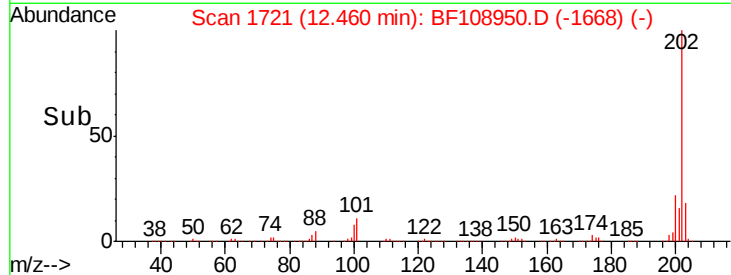
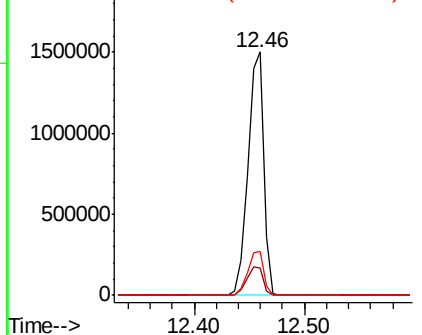
#74
 Fluoranthene
 Concen: 42.846 ng
 RT: 12.46 min Scan# 1721
 Delta R.T. 0.01 min
 Lab File: BF108950.D
 Acq: 12 Sep 2018 15:13

Tot Ion:202 Resp: 1509082

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	34.1
203	18.1	0.0	38.1



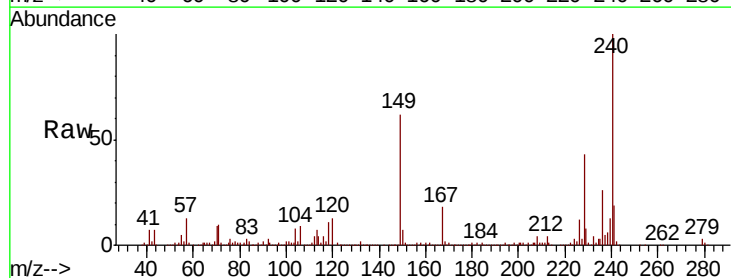
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E



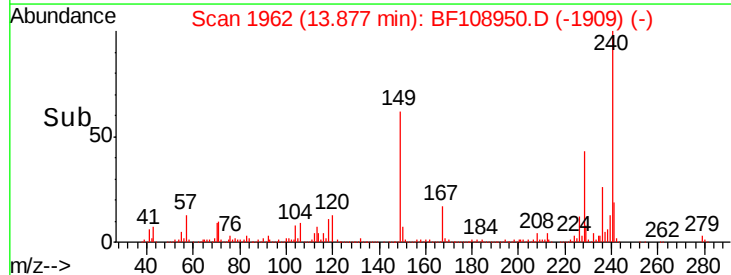
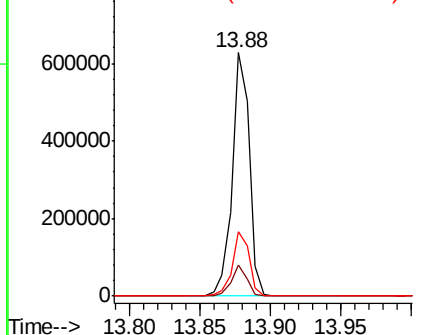
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.88 min Scan# 1962
 Delta R.T. 0.01 min
 Lab File: BF108950.D
 Acq: 12 Sep 2018 15:13

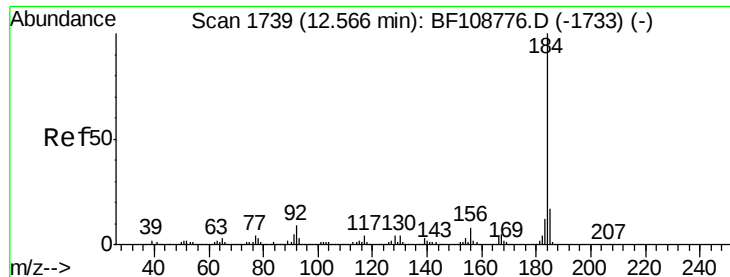
Tgt Ion:240 Resp: 529293

Ion	Ratio	Lower	Upper
240	100		
120	12.6	9.5	14.3
236	26.3	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: 22.619 ng

RT: 12.57 min Scan# 1740

Delta R.T. 0.01 min

Lab File: BF108950.D

Acq: 12 Sep 2018 15:13

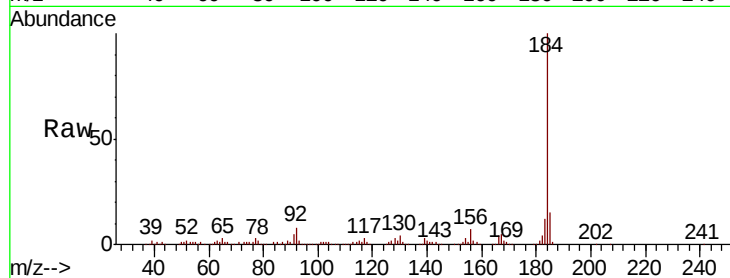
Tot Ion:184 Resp: 567419

Ion Ratio Lower Upper

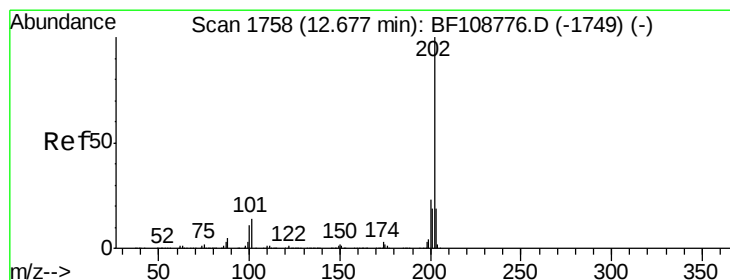
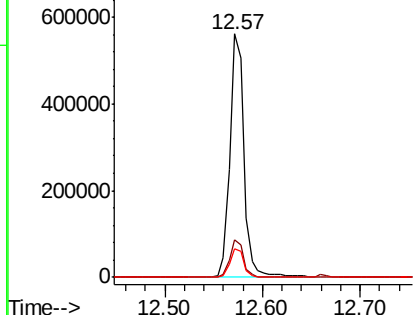
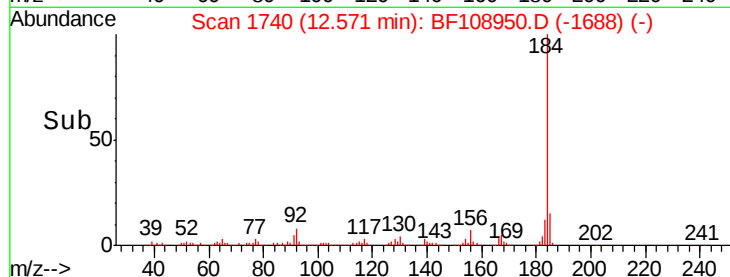
184 100

185 15.3 12.6 18.8

183 11.6 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

Pyrene

Concen: 37.337 ng

RT: 12.68 min Scan# 1759

Delta R.T. 0.01 min

Lab File: BF108950.D

Acq: 12 Sep 2018 15:13

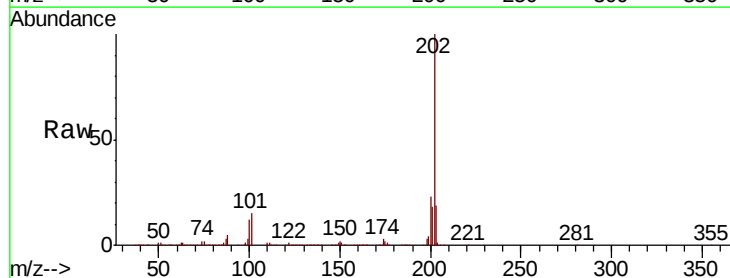
Tgt Ion:202 Resp: 1520651

Ion Ratio Lower Upper

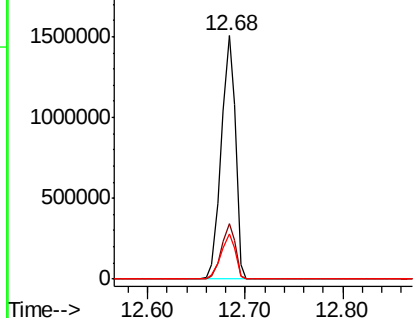
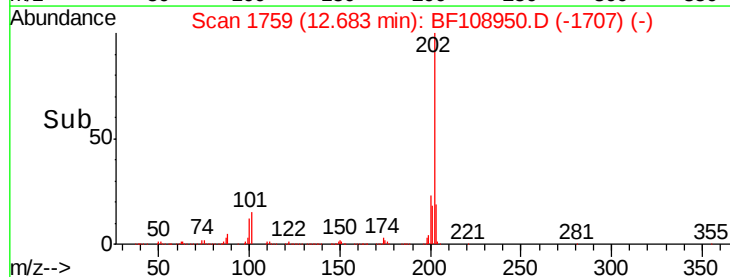
202 100

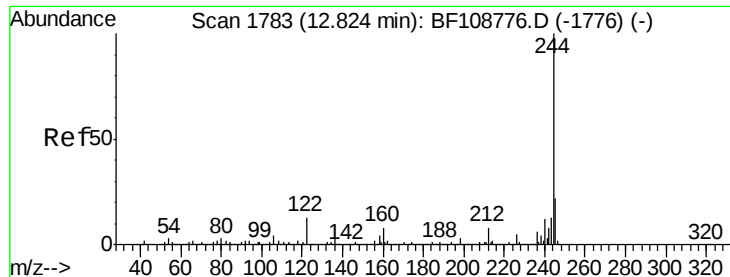
200 22.7 17.4 26.2

203 18.6 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: 74.319 ng

RT: 12.83 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF108950.D

Acq: 12 Sep 2018 15:13

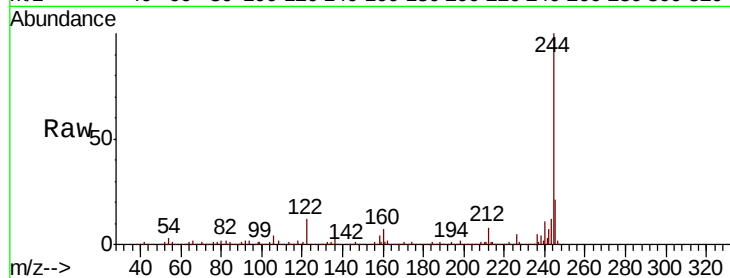
Tot Ion:244 Resp: 1686890

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

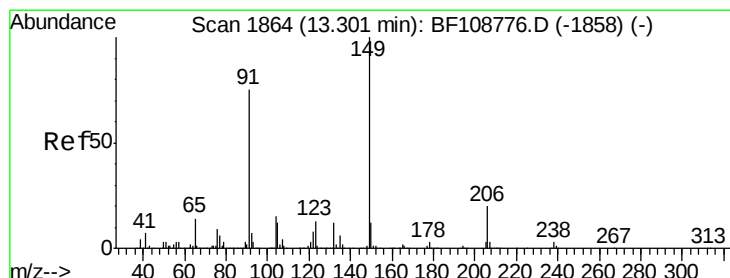
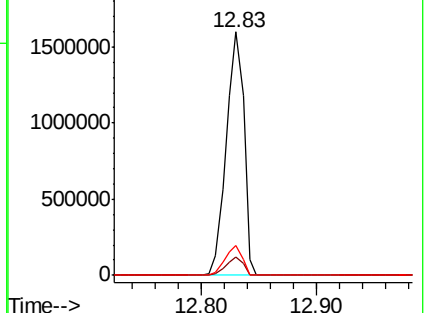
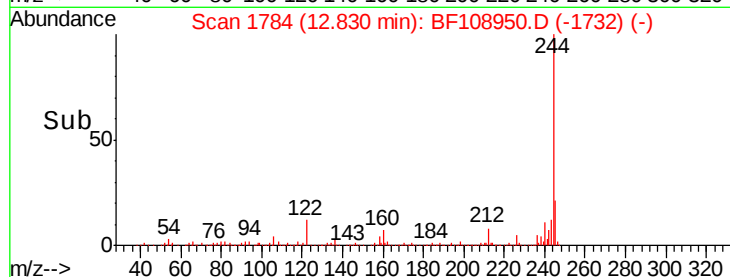
122 12.2 11.0 16.4



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: 37.383 ng

RT: 13.31 min Scan# 1865

Delta R.T. 0.01 min

Lab File: BF108950.D

Acq: 12 Sep 2018 15:13

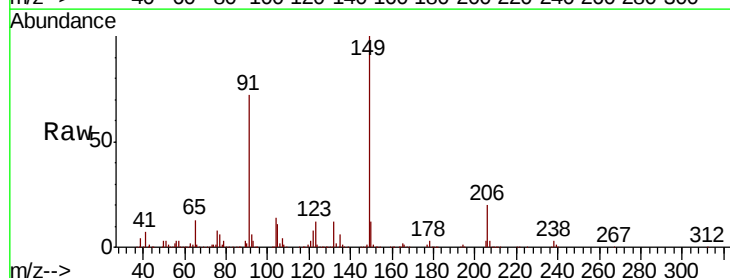
Tgt Ion:149 Resp: 685643

Ion Ratio Lower Upper

149 100

91 72.1 56.8 85.2

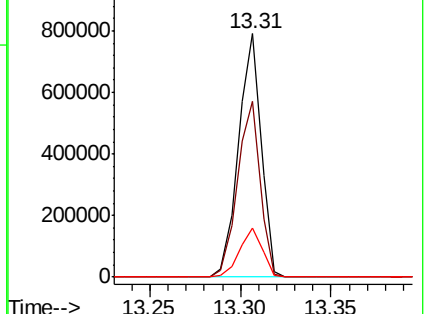
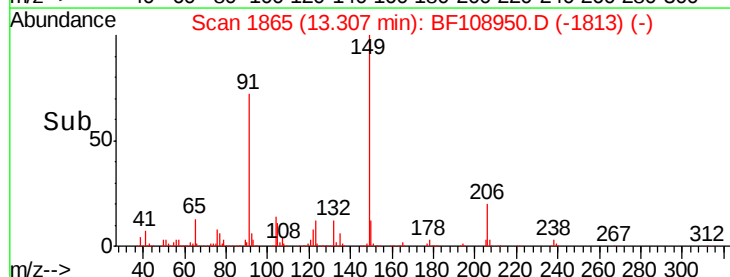
206 20.3 14.1 21.1

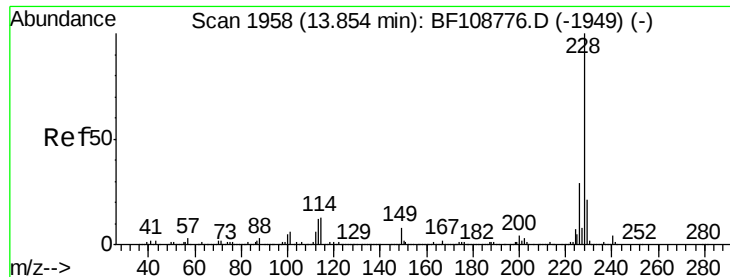


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 35.896 ng

RT: 13.87 min Scan# 1960

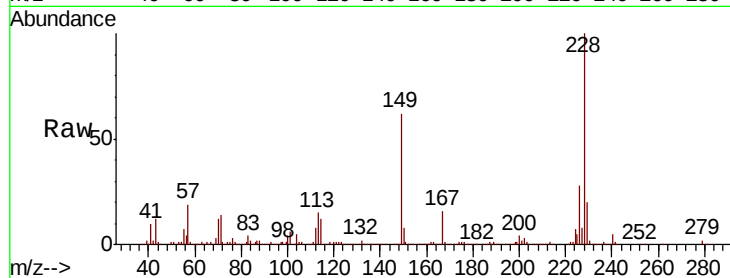
Delta R.T. 0.01 min

Lab File: BF108950.D

Acq: 12 Sep 2018 15:13

Tot Ion:228 Resp: 1217806

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	19.9	15.8	23.6

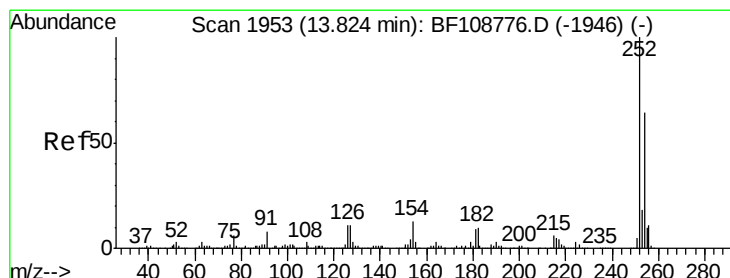
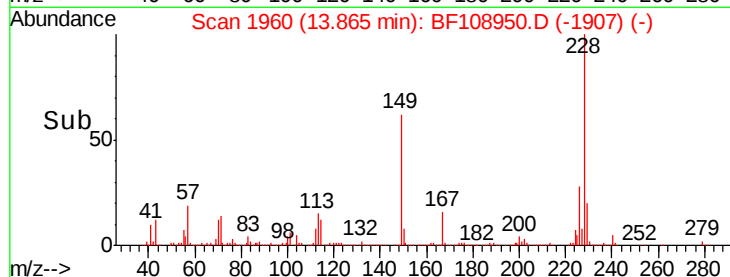
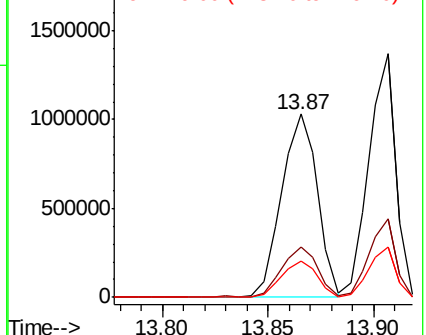


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 30.371 ng

RT: 13.83 min Scan# 1954

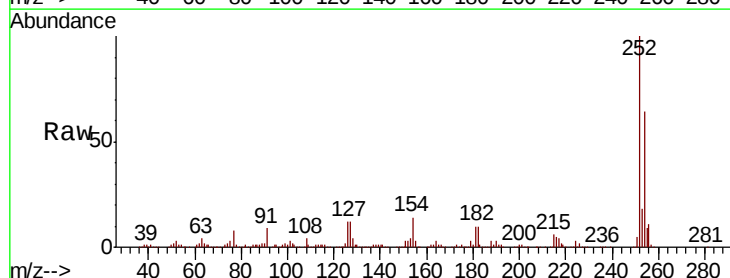
Delta R.T. 0.01 min

Lab File: BF108950.D

Acq: 12 Sep 2018 15:13

Tgt Ion:252 Resp: 401436

Ion	Ratio	Lower	Upper
252	100		
254	64.0	50.4	75.6
126	12.5	11.3	16.9

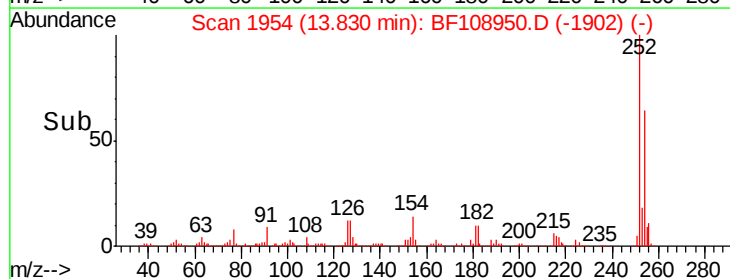
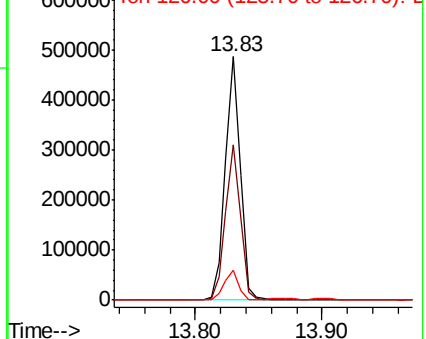


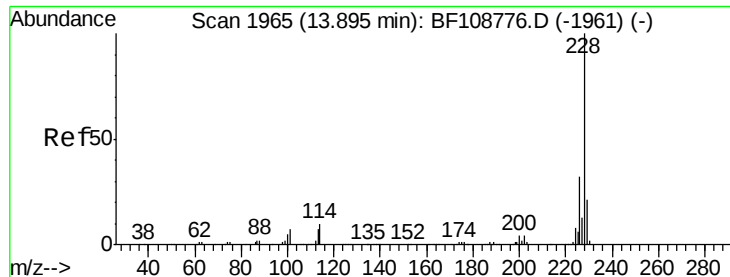
Abundance

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

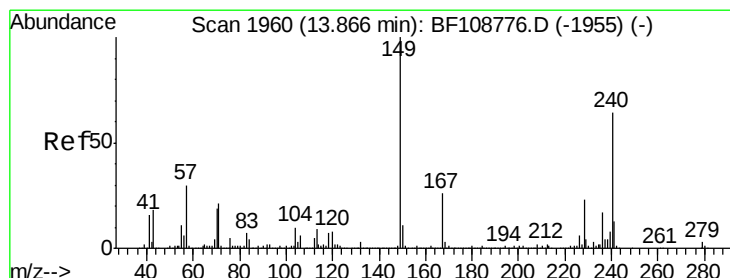
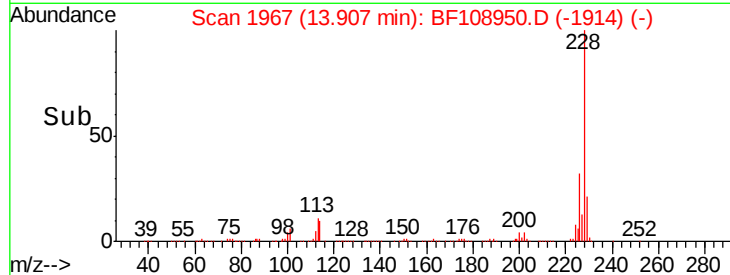
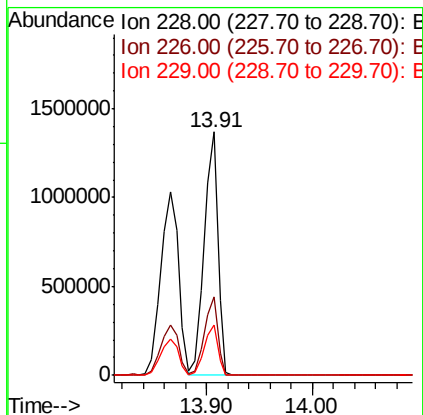
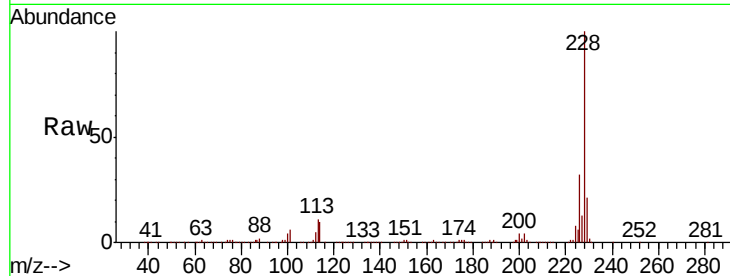




#82
 Chrvsene
 Concen: 37.313 ng
 RT: 13.91 min Scan# 1967
 Delta R.T. 0.01 min
 Lab File: BF108950.D
 Acq: 12 Sep 2018 15:13

Tot Ion:228 Resp: 1225453

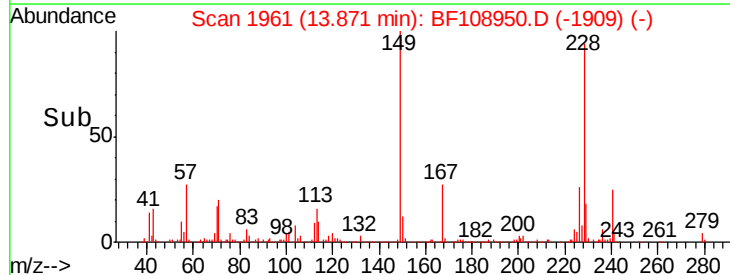
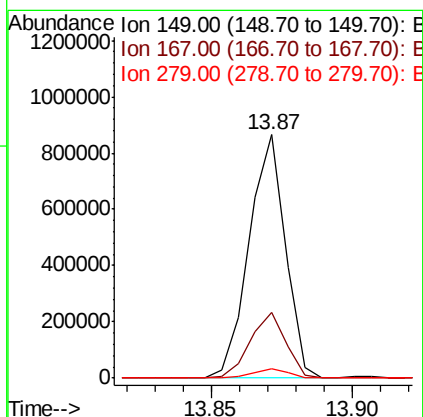
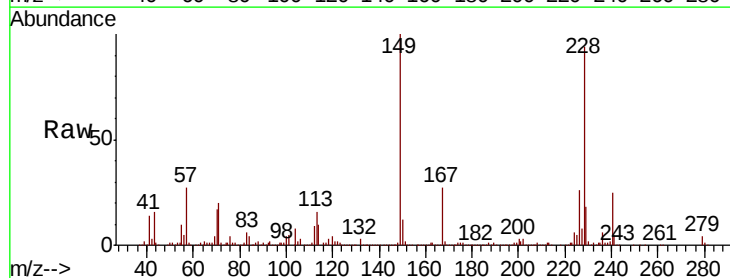
Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.0	37.6
229	20.6	16.2	24.4

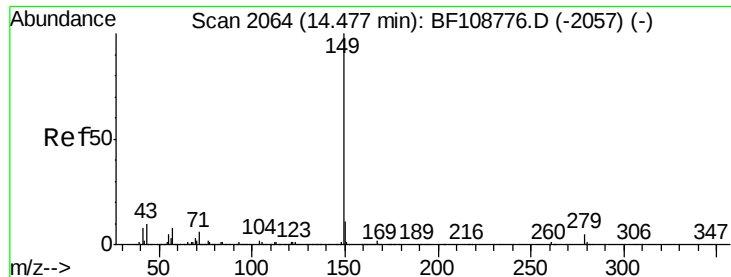


#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.522 ng
 RT: 13.87 min Scan# 1961
 Delta R.T. 0.01 min
 Lab File: BF108950.D
 Acq: 12 Sep 2018 15:13

Tgt Ion:149 Resp: 772650

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.3	31.9
279	4.0	3.0	4.4





#84

Di-n-octyl phthalate

Concen: 36.925 ng

RT: 14.48 min Scan# 2064

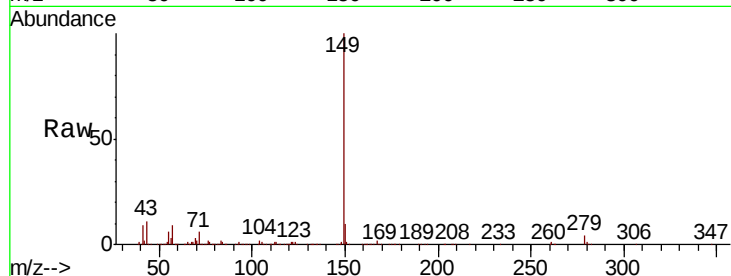
Delta R.T. -0.00 min

Lab File: BF108950.D

Acq: 12 Sep 2018 15:13

Tot Ion:149 Resp: 1418935

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.1	8.4	12.6

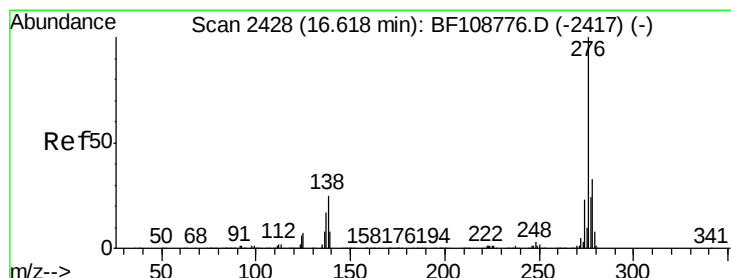
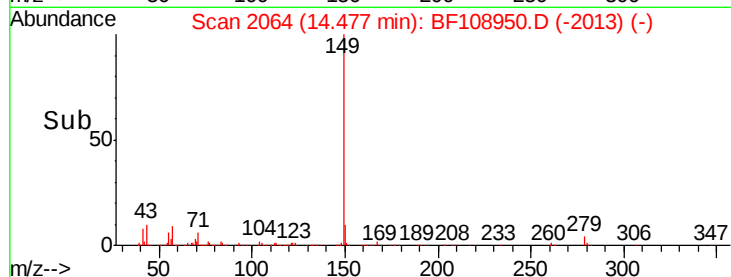
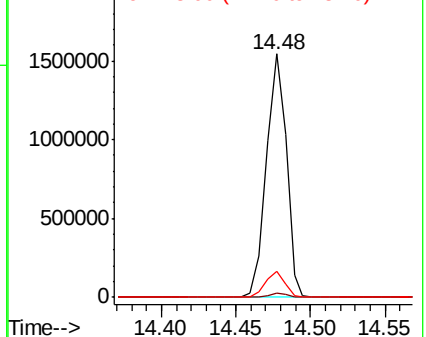


Abundance

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: 35.294 ng

RT: 16.65 min Scan# 2433

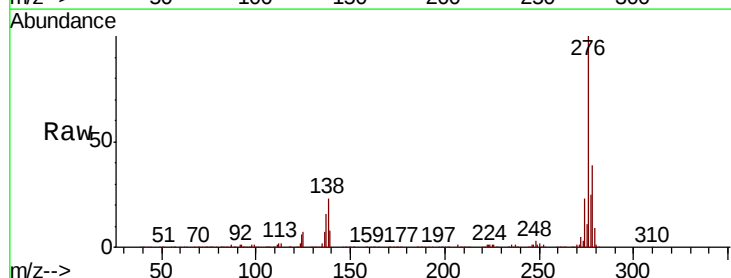
Delta R.T. 0.03 min

Lab File: BF108950.D

Acq: 12 Sep 2018 15:13

Tgt Ion:276 Resp: 1025849

Ion	Ratio	Lower	Upper
276	100		
138	25.4	25.0	37.6
277	25.2	20.1	30.1

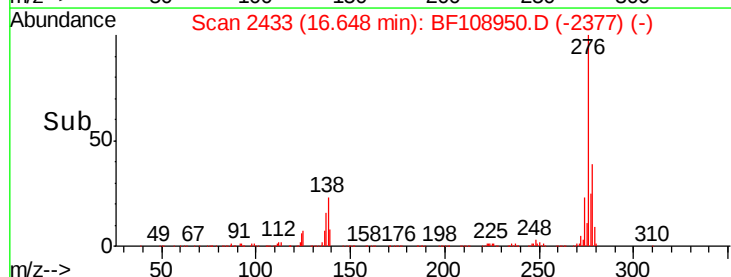
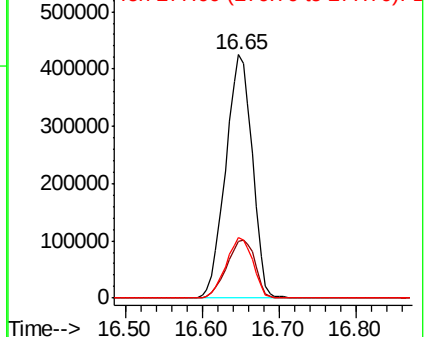


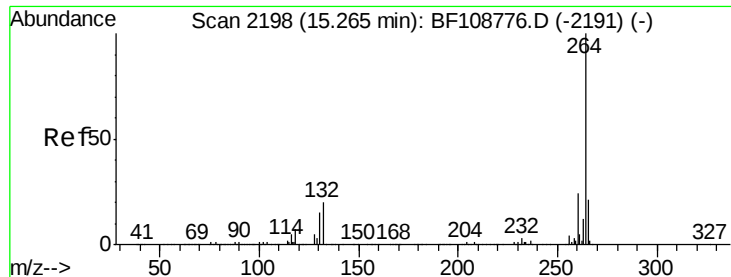
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

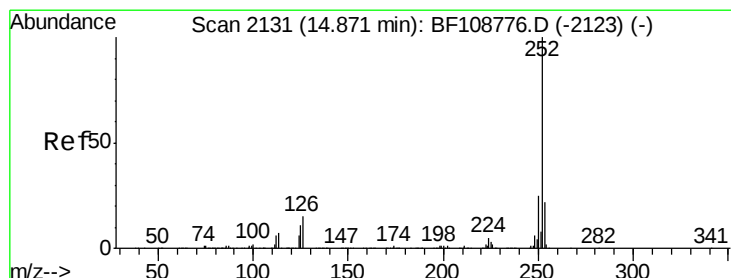
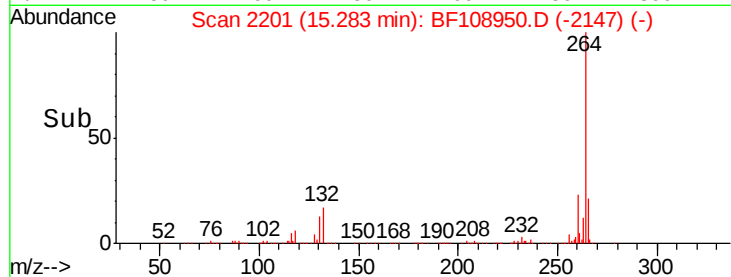
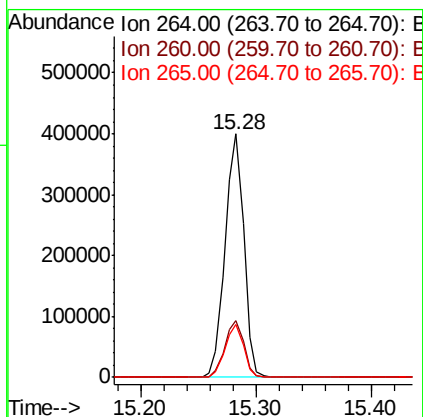
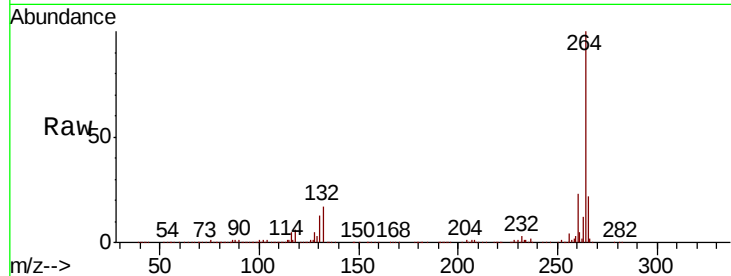
Ion 277.00 (276.70 to 277.70): E





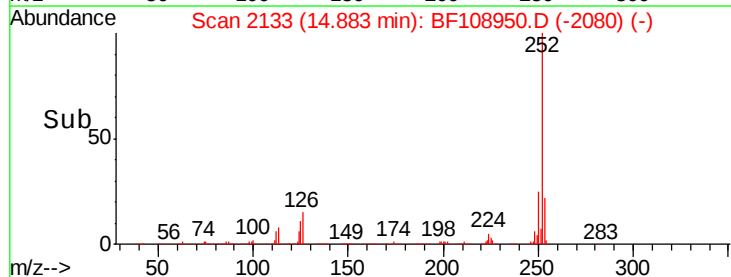
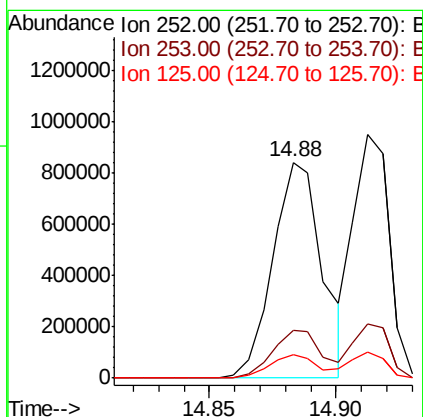
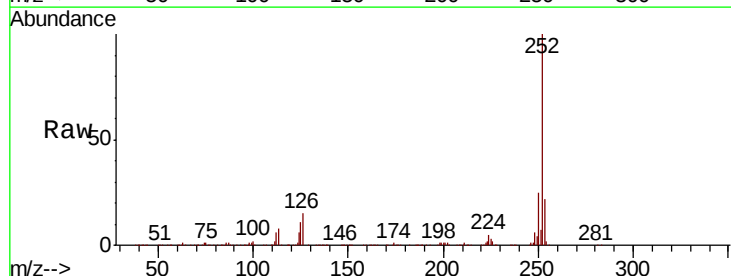
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2201
Delta R.T. 0.02 min
Lab File: BF108950.D
Acq: 12 Sep 2018 15:13

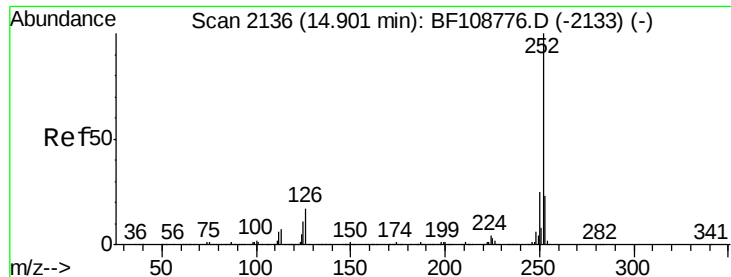
Tot Ion:264 Resp: 449810
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.5 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 46.902 ng
RT: 14.88 min Scan# 2133
Delta R.T. 0.01 min
Lab File: BF108950.D
Acq: 12 Sep 2018 15:13

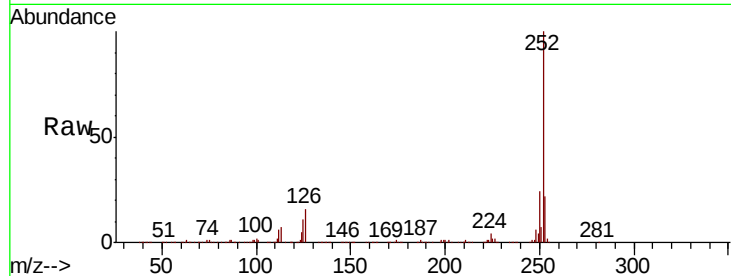
Tgt Ion:252 Resp: 1147170
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 11.1 9.0 13.6



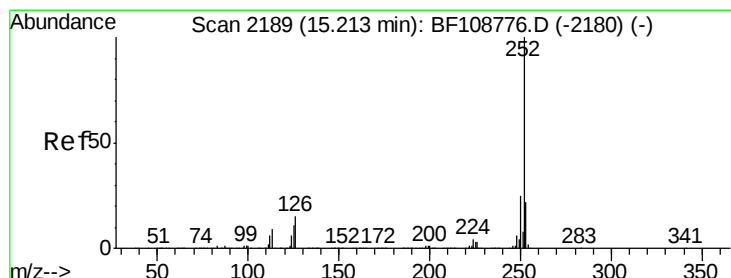
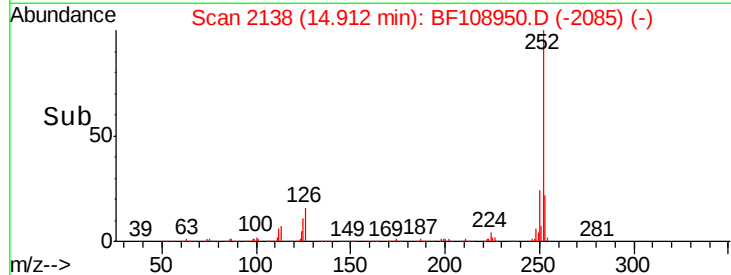
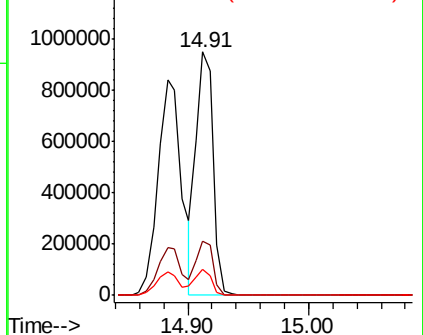


#88
Benzo(k)fluoranthene
Concen: 41.704 ng
RT: 14.91 min Scan# 2138
Delta R.T. 0.01 min
Lab File: BF108950.D
Acq: 12 Sep 2018 15:13

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	10.9	10.2	15.2

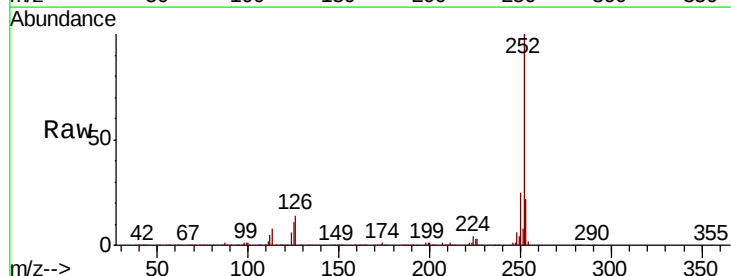


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

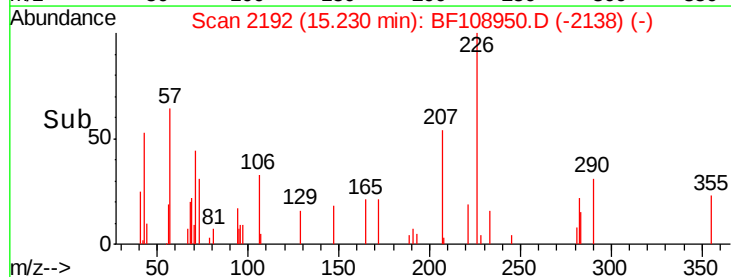
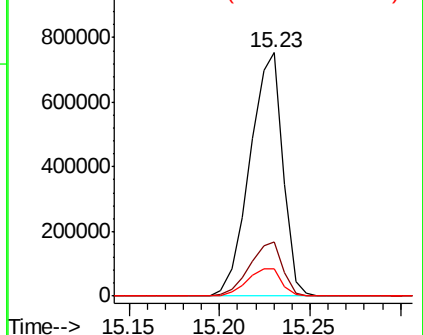


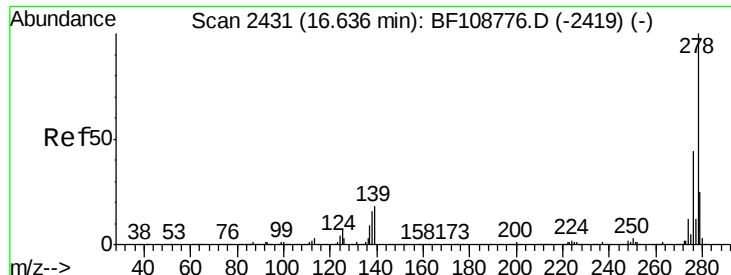
#89
Benzo(a)pyrene
Concen: 43.193 ng
RT: 15.23 min Scan# 2192
Delta R.T. 0.02 min
Lab File: BF108950.D
Acq: 12 Sep 2018 15:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	11.1	9.8	14.6



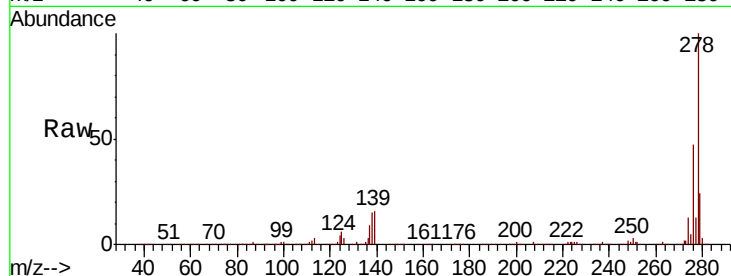
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



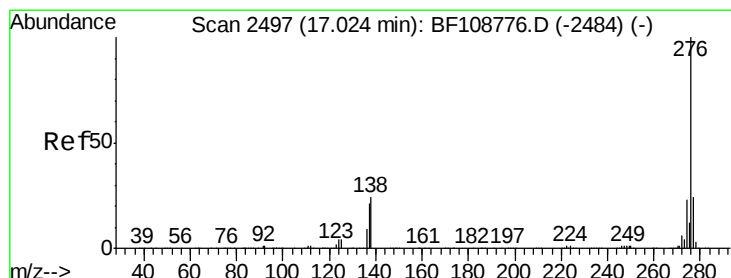
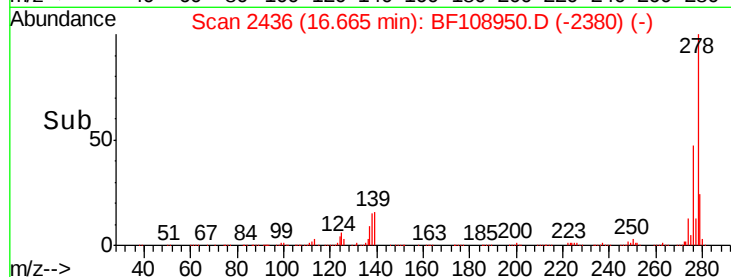
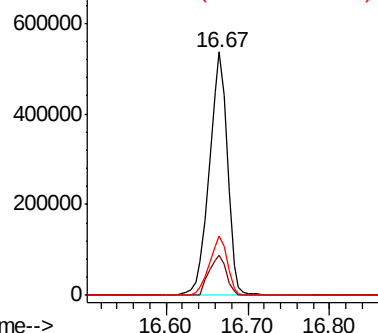


#90
Dibenzo(a,h)anthracene
Concen: 42.817 ng
RT: 16.67 min Scan# 2436
Delta R.T. 0.03 min
Lab File: BF108950.D
Acq: 12 Sep 2018 15:13

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.4	15.9	23.9
279	24.2	19.0	28.4

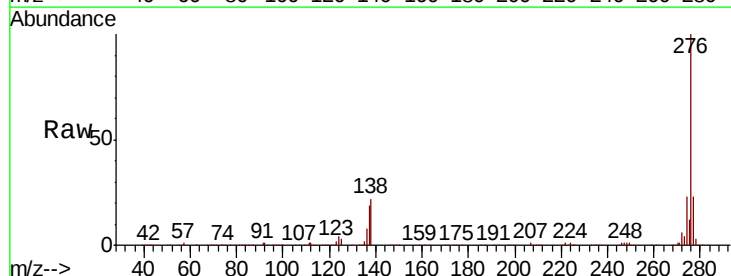


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 45.998 ng
RT: 17.07 min Scan# 2504
Delta R.T. 0.04 min
Lab File: BF108950.D
Acq: 12 Sep 2018 15:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	22.3	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

