

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102318\
 Data File : BF110101.D
 Acq On : 24 Oct 2018 2:05
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 24 02:35:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	216370	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	942475	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	453179	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	839351	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	583195	20.00	ng	-0.01
87) Perylene-d12	15.67	264	468728	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	1035278	77.92	ng	-0.02
7) Phenol-d6	6.59	99	1346001	79.20	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1268190	79.81	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	344124	76.66	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	2185924	75.74	ng	-0.01
79) Terphenyl-d14	13.09	244	2181251	77.78	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.82	88	268906	38.629	ng	91
3) Pyridine	3.59	79	649097	41.864	ng	88
4) n-Nitrosodimethylamine	3.56	42	272597	41.964	ng	95
6) Aniline	6.63	93	916542	41.400	ng	# 54
8) 2-Chlorophenol	6.75	128	607521	39.659	ng	96
9) Benzaldehyde	6.52	77	341060	32.834	ng	93
10) Phenol	6.60	94	728954	40.127	ng	# 65
11) bis(2-Chloroethyl)ether	6.70	93	606236	40.562	ng	95
12) 1,3-Dichlorobenzene	6.91	146	658139	39.040	ng	98
13) 1,4-Dichlorobenzene	6.99	146	650991	38.182	ng	97
14) 1,2-Dichlorobenzene	7.14	146	620704	39.217	ng	100
15) Benzyl Alcohol	7.11	79	537255	41.102	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.24	45	976793	40.876	ng	68
17) 2-Methylphenol	7.21	107	498153	40.804	ng	# 82
18) Hexachloroethane	7.48	117	246764	39.532	ng	96
19) n-Nitroso-di-n-propylamine	7.38	70	444036	40.726	ng	95
20) 3+4-Methylphenols	7.37	107	619926	39.284	ng	98
22) Acetophenone	7.38	105	843535	38.843	ng	98
24) Nitrobenzene	7.56	77	660882	40.285	ng	91
25) Isophorone	7.79	82	1096185	40.471	ng	96
26) 2-Nitrophenol	7.86	139	329806	42.247	ng	99
27) 2,4-Dimethylphenol	7.89	122	508353	39.276	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	728829	39.609	ng	100
29) 2,4-Dichlorophenol	8.10	162	514246	39.327	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	575014	39.259	ng	96
31) Naphthalene	8.27	128	1655474	38.112	ng	98
32) Benzoic acid	8.03	122	409687	40.955	ng	93
33) 4-Chloroaniline	8.32	127	754194	38.579	ng	98
34) Hexachlorobutadiene	8.39	225	318602	39.176	ng	98
35) Caprolactam	8.71	113	185933	40.796	ng	# 86
36) 4-Chloro-3-methylphenol	8.80	107	555212	39.265	ng	97
37) 2-Methylnaphthalene	8.96	142	1103248	38.388	ng	99
38) 1-Methylnaphthalene	9.07	142	1067251	38.427	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	536582	38.001	ng	99

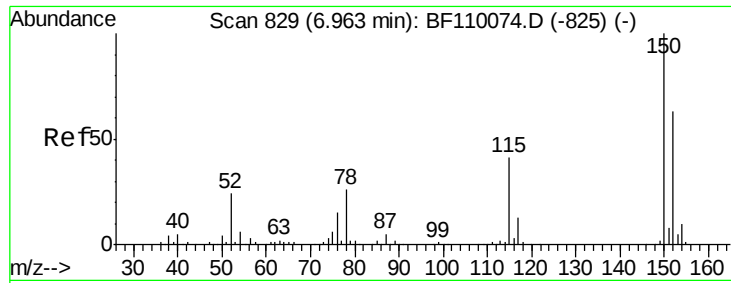
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102318\
 Data File : BF110101.D
 Acq On : 24 Oct 2018 2:05
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 24 02:35:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	287904	39.875	nq	99
43) 2,4,6-Trichlorophenol	9.24	196	354309	38.904	nq	96
44) 2,4,5-Trichlorophenol	9.28	196	376550	39.115	nq	97
46) 1,1'-Biphenyl	9.43	154	1532931	37.406	nq	98
47) 2-Chloronaphthalene	9.46	162	1140329	37.934	nq	98
48) 2-Nitroaniline	9.55	65	368589	40.463	nq	98
49) Acenaphthylene	9.87	152	1641187	37.800	nq	97
50) Dimethylphthalate	9.73	163	1283841	38.378	nq	100
51) 2,6-Dinitrotoluene	9.80	165	295376	40.991	nq	86
52) Acenaphthene	10.05	154	1103541	38.420	nq	98
53) 3-Nitroaniline	9.97	138	335016	39.096	nq	94
54) 2,4-Dinitrophenol	10.07	184	115112	42.822	nq	92
55) Dibenzofuran	10.22	168	1508576	37.513	nq	97
56) 4-Nitrophenol	10.12	139	259419	40.904	nq	95
57) 2,4-Dinitrotoluene	10.20	165	381929	41.729	nq	92
58) Fluorene	10.56	166	1108792	37.046	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	305337	38.913	nq	93
60) Diethylphthalate	10.43	149	1240675	37.993	nq	99
61) 4-Chlorophenyl-phenylether	10.55	204	584594	37.026	nq	99
62) 4-Nitroaniline	10.59	138	337879	39.644	nq	94
63) Azobenzene	10.71	77	1226945	37.853	nq	97
65) 4,6-Dinitro-2-methylphenol	10.61	198	154604	40.316	nq	90
66) n-Nitrosodiphenylamine	10.67	169	1065567	38.705	nq	97
67) 4-Bromophenyl-phenylether	11.04	248	357673	39.285	nq	98
68) Hexachlorobenzene	11.11	284	375841	38.906	nq	# 92
69) Atrazine	11.20	200	335555	38.568	nq	100
70) Pentachlorophenol	11.30	266	246643	43.786	nq	97
71) Phenanthrene	11.53	178	1650213	37.574	nq	98
72) Anthracene	11.58	178	1679068	38.142	nq	100
73) Carbazole	11.73	167	1615449	37.584	nq	99
74) Di-n-butylphthalate	12.05	149	1850509	38.120	nq	99
75) Fluoranthene	12.72	202	1648189	36.978	nq	98
77) Benzidine	12.84	184	687022	39.410	nq	97
78) Pyrene	12.95	202	1696040	40.565	nq	99
80) Butylbenzylphthalate	13.56	149	753799	41.538	nq	99
81) Benzo(a)anthracene	14.14	228	1355038	39.180	nq	99
82) 3,3'-Dichlorobenzidine	14.10	252	445846	37.021	nq	99
83) Chrysene	14.18	228	1255664	38.226	nq	100
84) Bis(2-ethylhexyl)phthalate	14.11	149	989315	40.328	nq	95
85) Di-n-octyl phthalate	14.73	149	1509290	39.567	nq	98
86) Indeno(1,2,3-cd)pyrene	17.23	276	1044000	38.310	nq	95
88) Benzo(b)fluoranthene	15.22	252	1096106	40.496	nq	98
89) Benzo(k)fluoranthene	15.25	252	999598	37.565	nq	98
90) Benzo(a)pyrene	15.60	252	966350	38.799	nq	98
91) Dibenzo(a,h)anthracene	17.25	278	867207	40.353	nq	99
92) Benzo(g,h,i)perylene	17.70	276	868816	41.026	nq	# 96

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

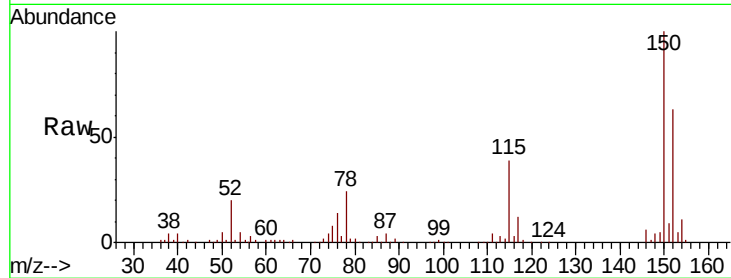


#1

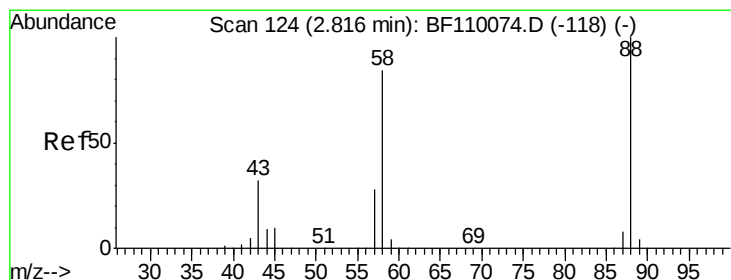
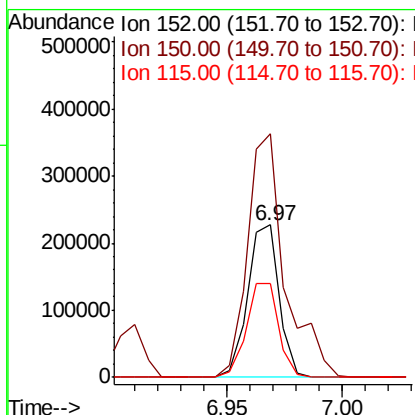
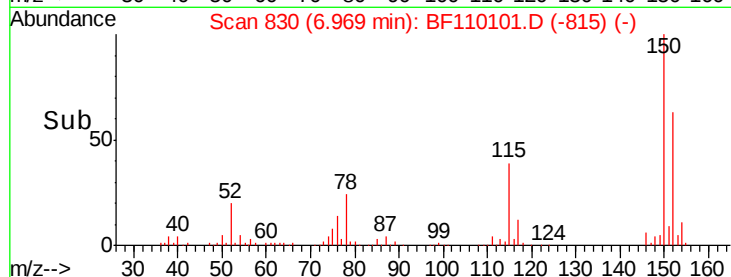
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110101.D
Acq: 24 Oct 2018 2:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 216370
Ion Ratio Lower Upper
152 100
150 159.6 122.7 184.1
115 61.7 49.1 73.7



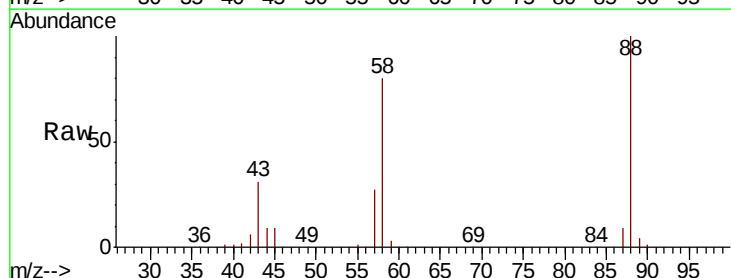
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



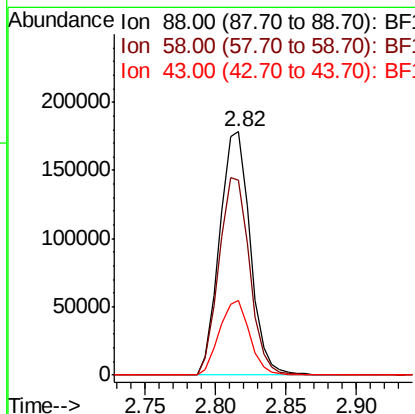
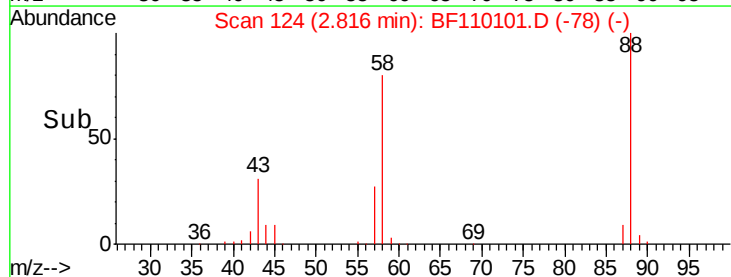
#2

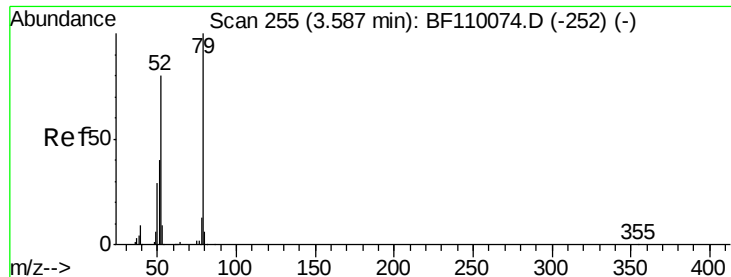
1,4-Dioxane
Concen: 38.629 ng
RT: 2.82 min Scan# 124
Delta R.T. -0.03 min
Lab File: BF110101.D
Acq: 24 Oct 2018 2:05

Tgt Ion: 88 Resp: 268906
Ion Ratio Lower Upper
88 100
58 81.4 57.1 85.7
43 30.5 24.1 36.1



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: 41.864 ng

RT: 3.59 min Scan# 255

Delta R.T. -0.03 min

Lab File: BF110101.D

Acq: 24 Oct 2018 2:05

Instrument :

BNA_F

ClientSampleId :

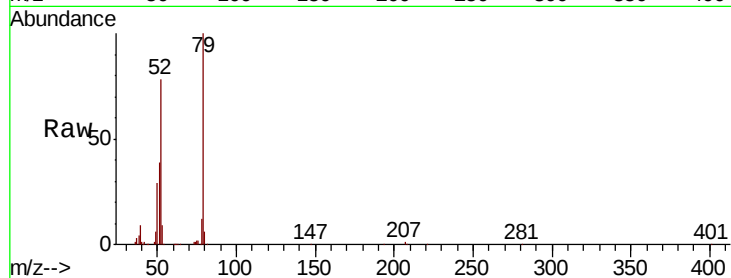
Tot Ion: 79 Resp: 649097

Ion Ratio Lower Upper

79 100

52 77.7 53.1 79.7

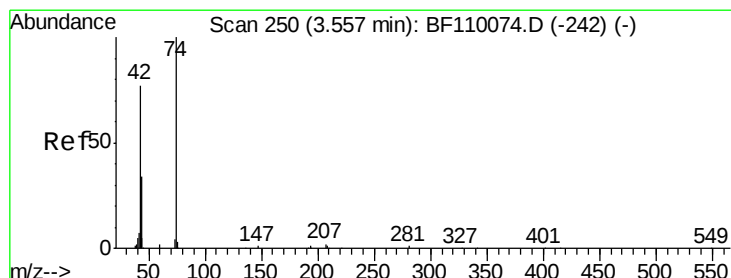
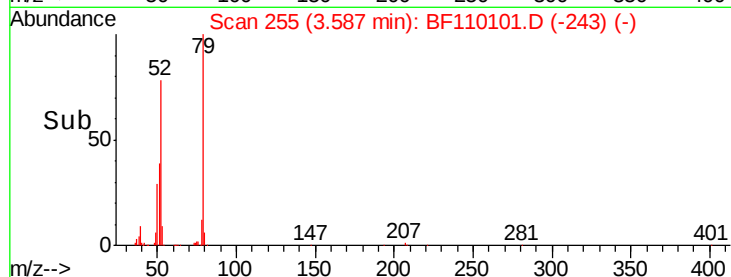
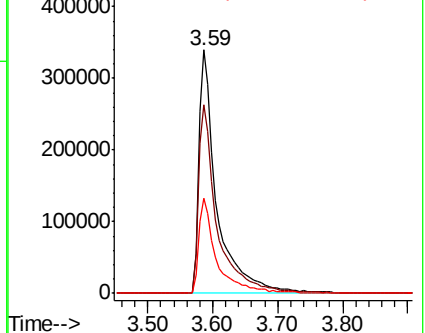
51 39.0 27.4 41.2



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: 41.964 ng

RT: 3.56 min Scan# 251

Delta R.T. -0.02 min

Lab File: BF110101.D

Acq: 24 Oct 2018 2:05

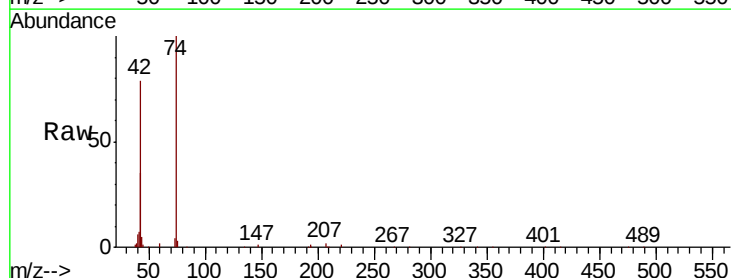
Tgt Ion: 42 Resp: 272597

Ion Ratio Lower Upper

42 100

74 126.3 105.5 158.3

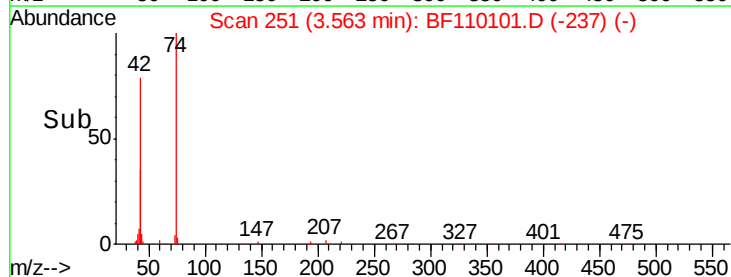
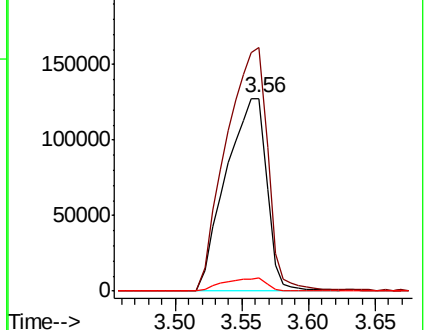
44 6.7 4.9 7.3

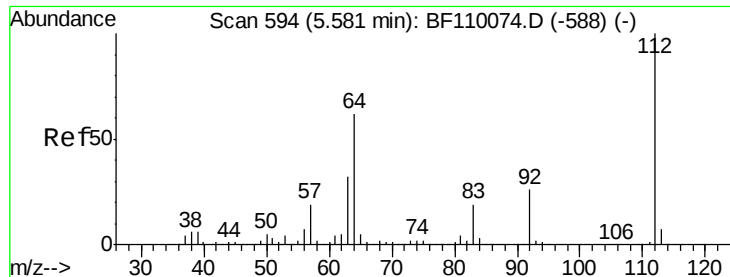


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 77.917 ng

RT: 5.58 min Scan# 594

Delta R.T. -0.02 min

Lab File: BF110101.D

Acq: 24 Oct 2018 2:05

Instrument :

BNA_F

ClientSampleId :

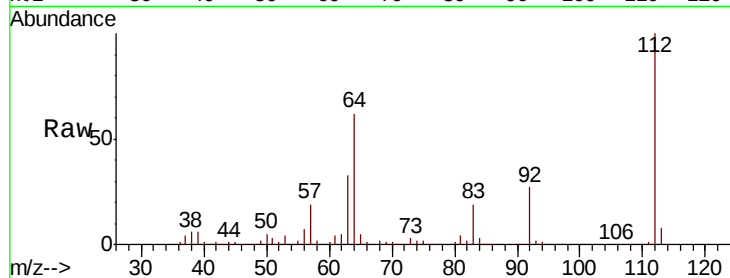
Tot Ion: 112 Resp: 1035278

Ion Ratio Lower Upper

112 100

64 62.1 44.1 66.1

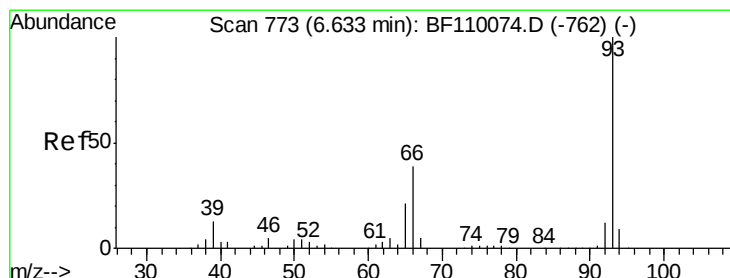
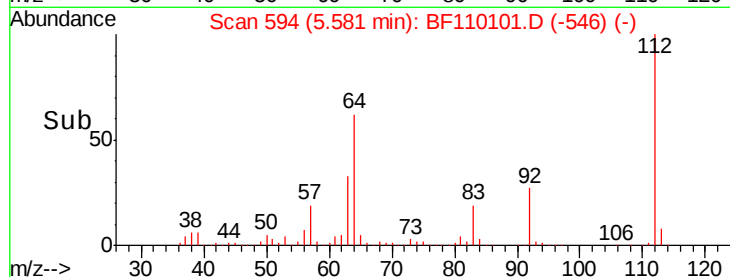
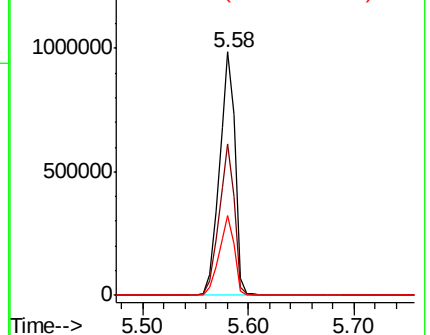
63 32.9 23.7 35.5



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: 41.400 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF110101.D

Acq: 24 Oct 2018 2:05

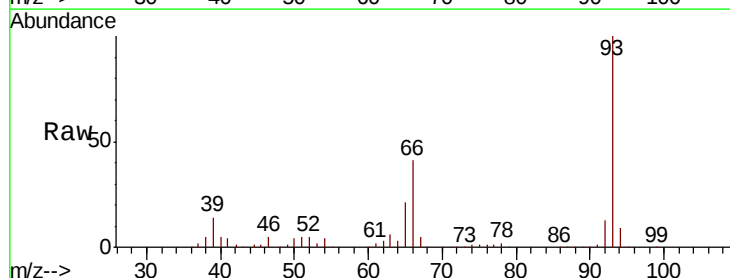
Tgt Ion: 93 Resp: 916542

Ion Ratio Lower Upper

93 100

66 40.7 67.4 101.0#

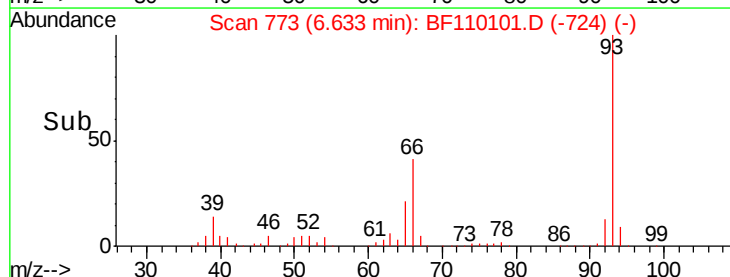
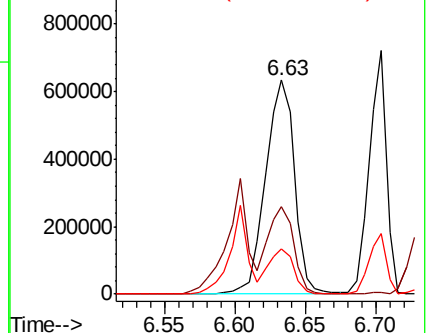
65 21.3 41.0 61.4#

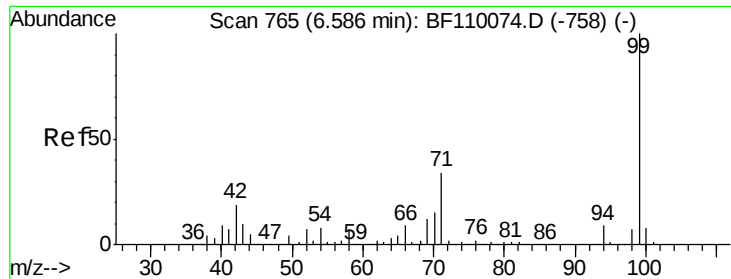


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.200 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110101.D

Acq: 24 Oct 2018 2:05

Instrument :

BNA_F

ClientSampled :

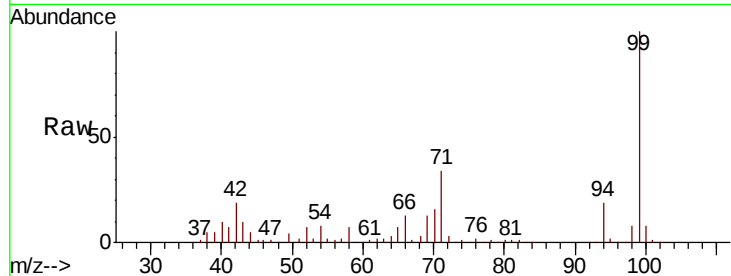
Tot Ion: 99 Resp: 1346001

Ion Ratio Lower Upper

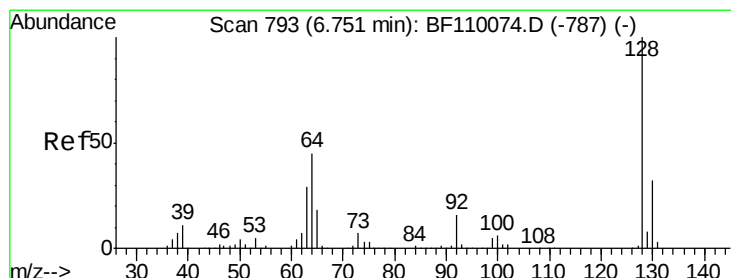
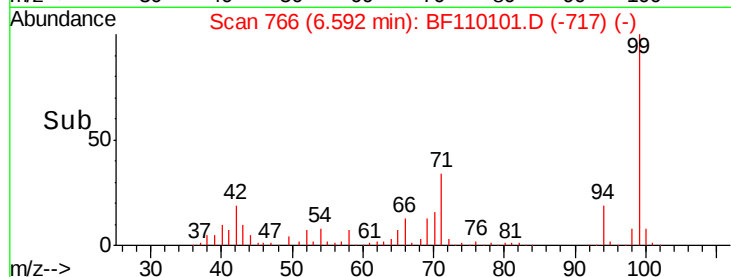
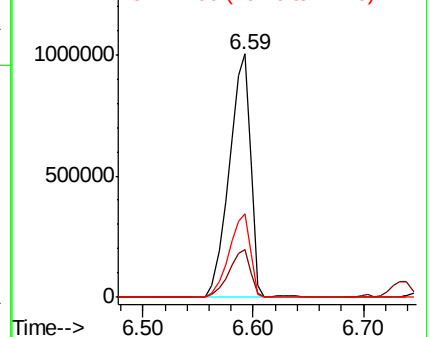
99 100

42 19.4 15.8 23.6

71 34.1 28.0 42.0



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: 39.659 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.02 min

Lab File: BF110101.D

Acq: 24 Oct 2018 2:05

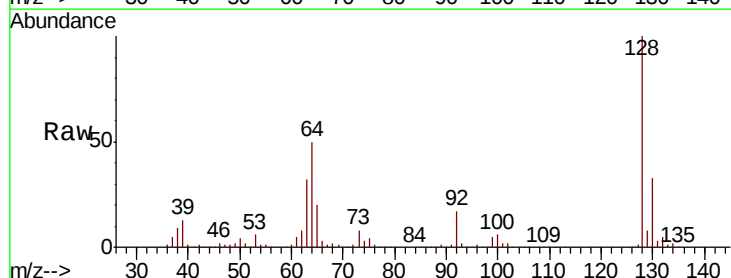
Tgt Ion: 128 Resp: 607521

Ion Ratio Lower Upper

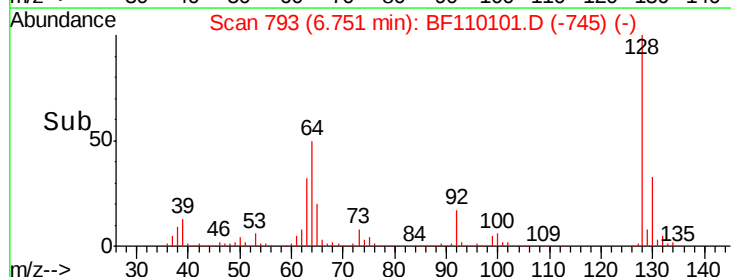
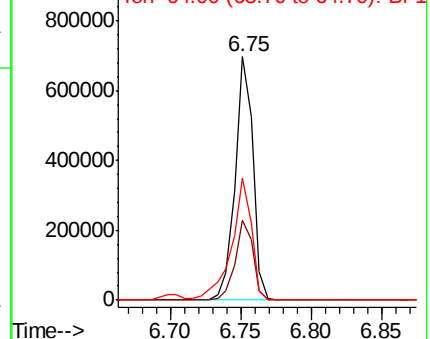
128 100

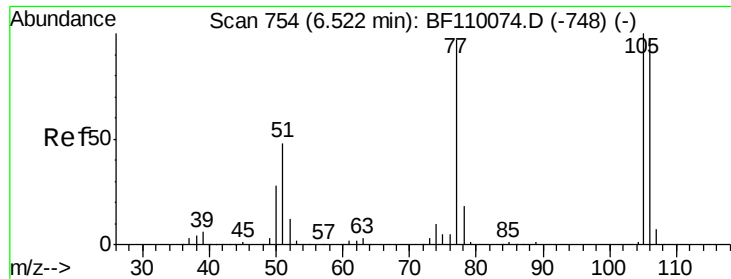
130 32.9 13.1 53.1

64 49.9 26.0 66.0



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





#9

Benzaldehyde

Concen: 32.834 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF110101.D

Acq: 24 Oct 2018 2:05

Instrument :

BNA_F

ClientSampled :

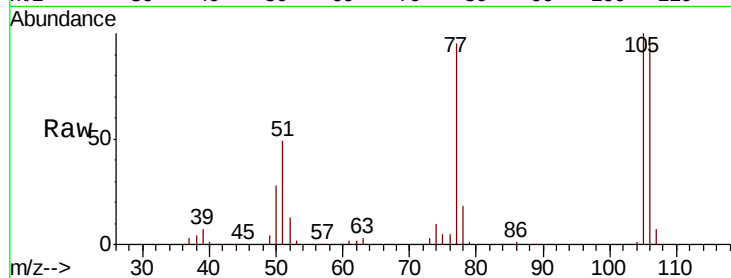
Tot Ion: 77 Resp: 341060

Ion Ratio Lower Upper

77 100

105 105.8 78.6 118.6

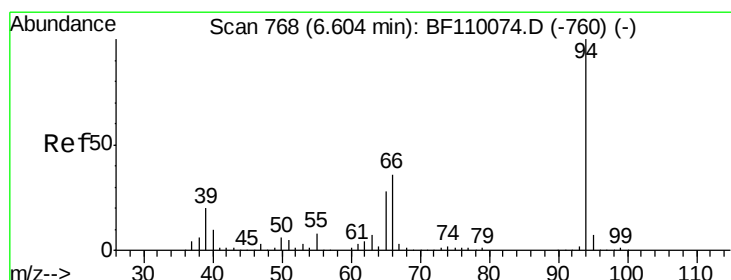
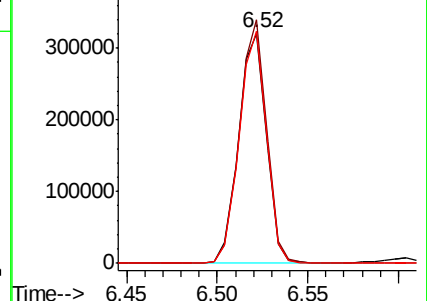
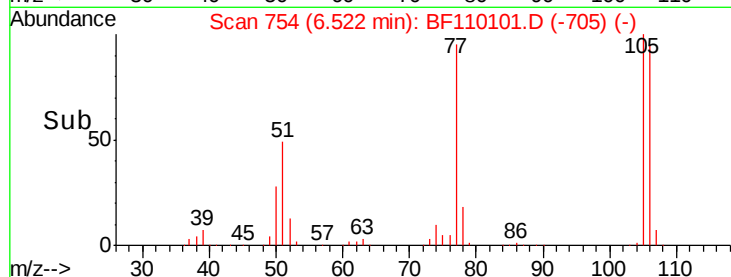
106 100.6 74.8 114.8



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: 40.127 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF110101.D

Acq: 24 Oct 2018 2:05

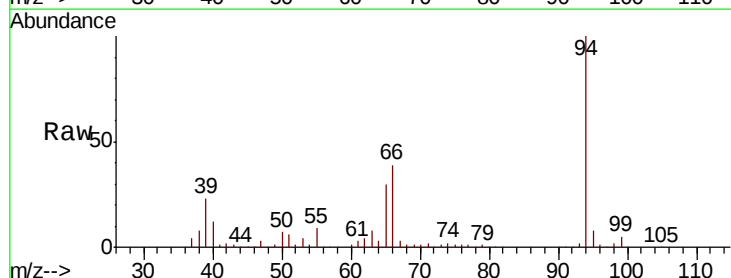
Tgt Ion: 94 Resp: 728954

Ion Ratio Lower Upper

94 100

65 29.6 25.3 65.3

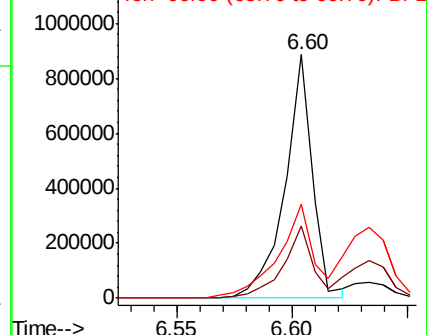
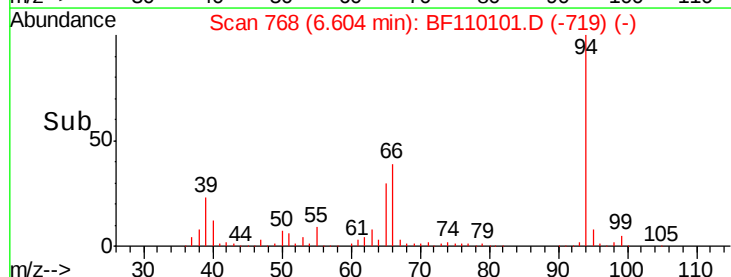
66 38.6 54.5 94.5#

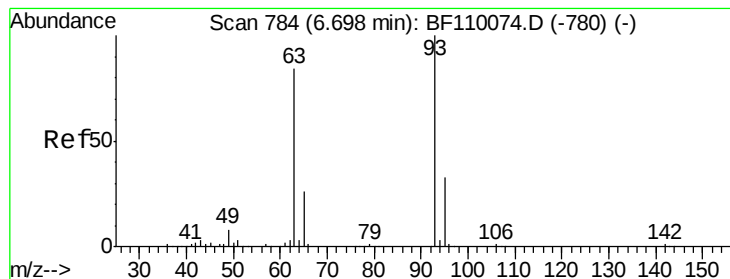


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.562 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF110101.D

Acq: 24 Oct 2018 2:05

Instrument :

BNA_F

ClientSampled :

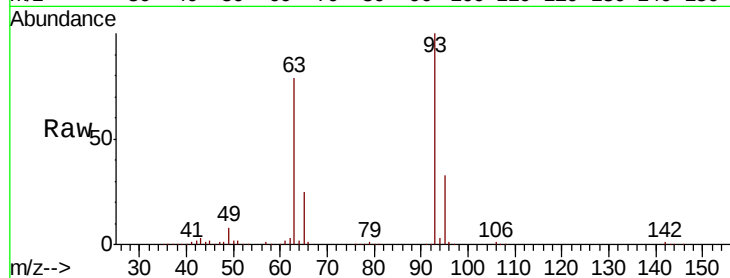
Tot Ion: 93 Resp: 606236

Ion Ratio Lower Upper

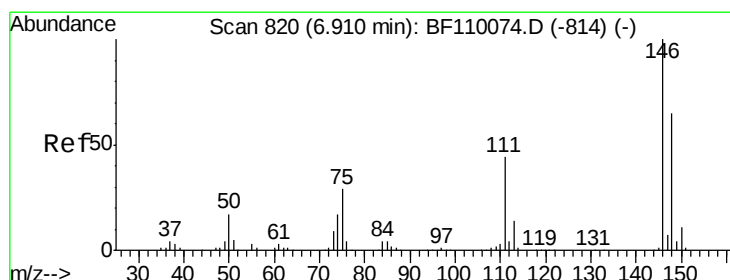
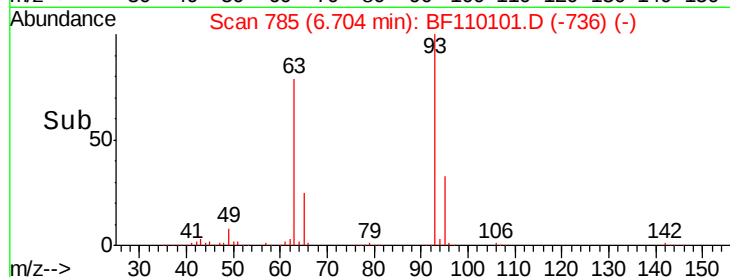
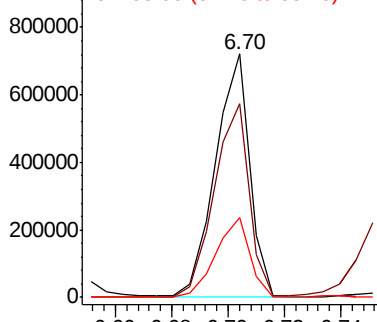
93 100

63 79.4 53.4 93.4

95 32.7 12.1 52.1



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: 39.040 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF110101.D

Acq: 24 Oct 2018 2:05

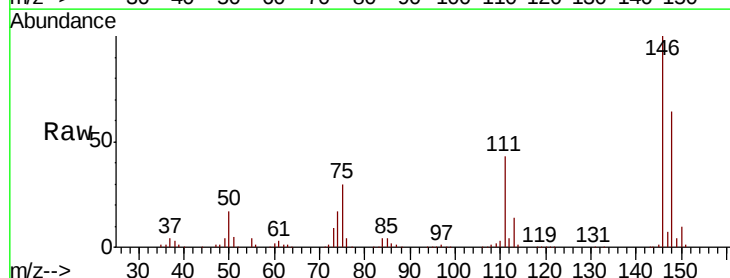
Tgt Ion: 146 Resp: 658139

Ion Ratio Lower Upper

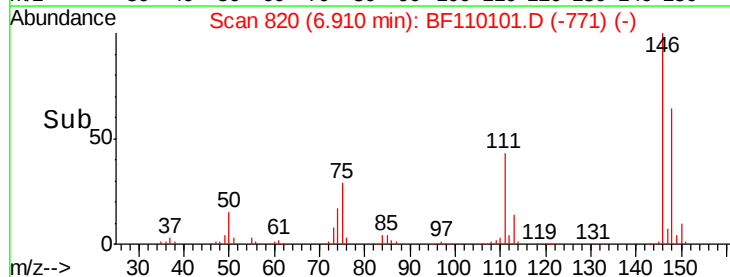
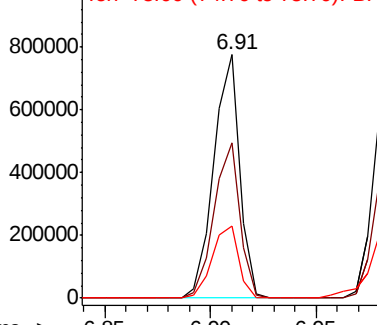
146 100

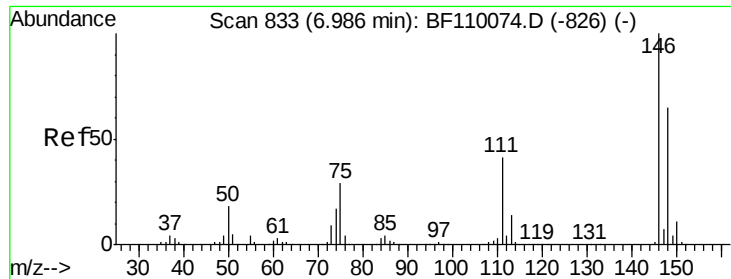
148 63.9 50.4 75.6

75 29.7 25.8 38.6



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

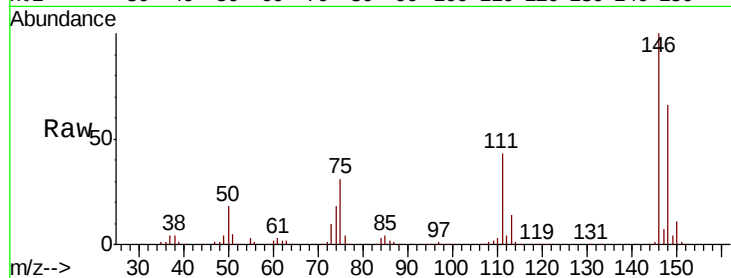




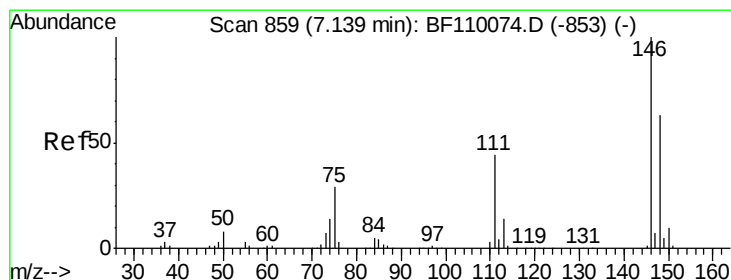
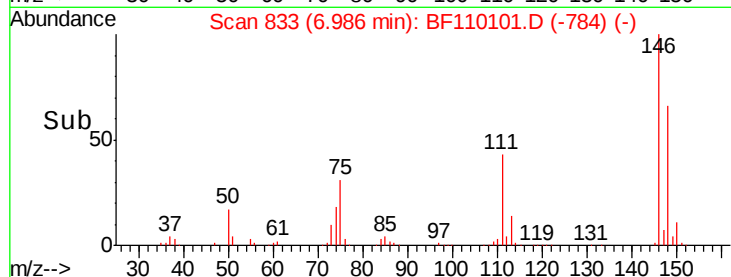
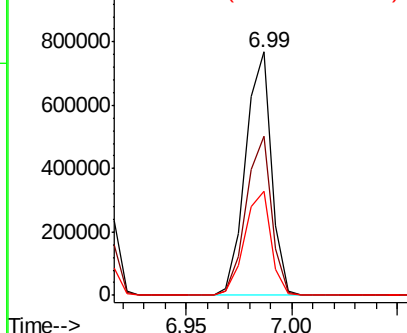
#13
 1,4-Dichlorobenzene
 Concen: 38.182 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF110101.D
 Acq: 24 Oct 2018 2:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 650991
 Ion Ratio Lower Upper
 146 100
 148 65.6 50.3 75.5
 111 42.9 32.7 49.1

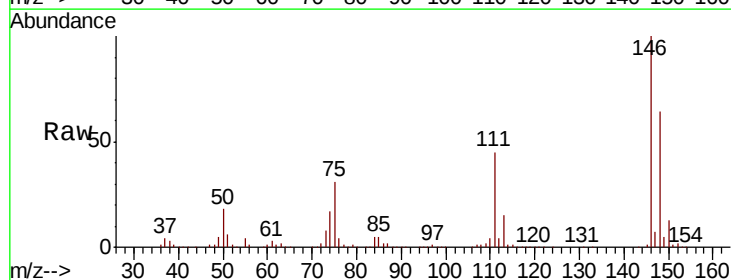


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

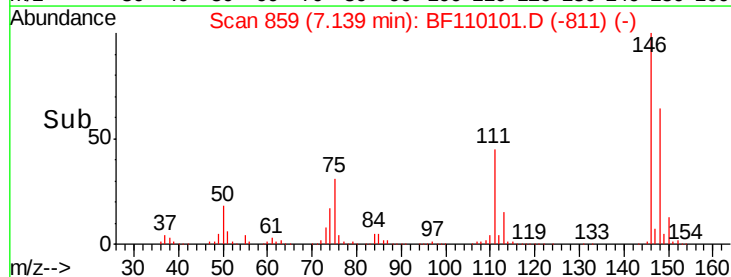
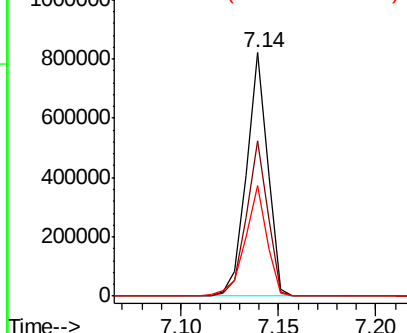


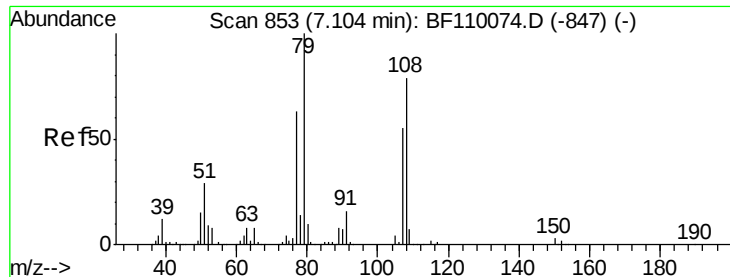
#14
 1,2-Dichlorobenzene
 Concen: 39.217 ng
 RT: 7.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: BF110101.D
 Acq: 24 Oct 2018 2:05

Tgt Ion:146 Resp: 620704
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.1 76.7
 111 45.2 35.8 53.6



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: 41.102 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF110101.D

Acq: 24 Oct 2018 2:05

Instrument :

BNA_F

ClientSampleId :

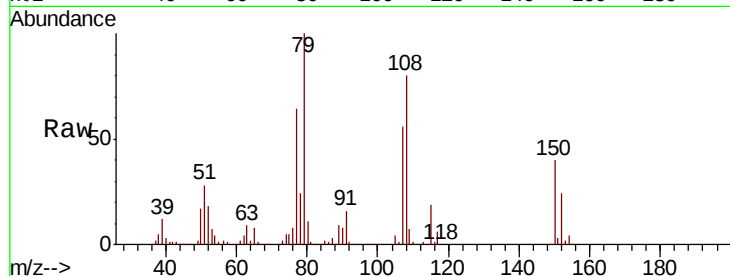
Tot Ion: 79 Resp: 537255

Ion Ratio Lower Upper

79 100

108 80.1 56.3 84.5

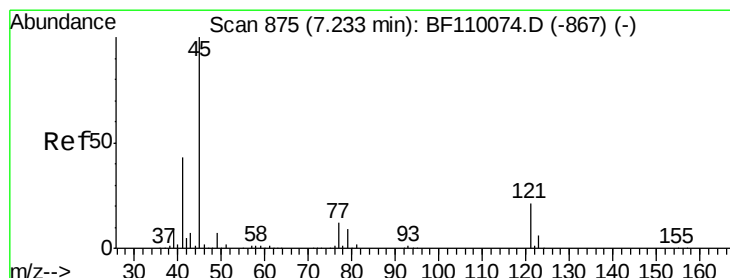
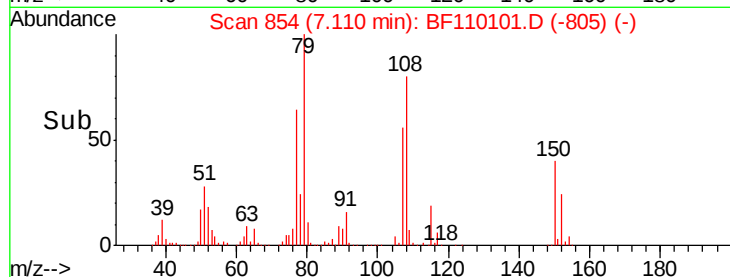
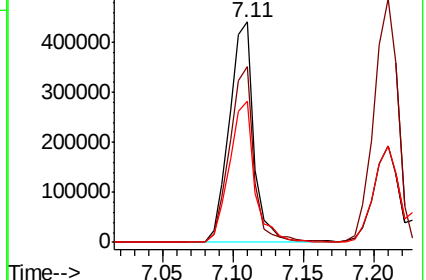
77 64.1 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.876 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF110101.D

Acq: 24 Oct 2018 2:05

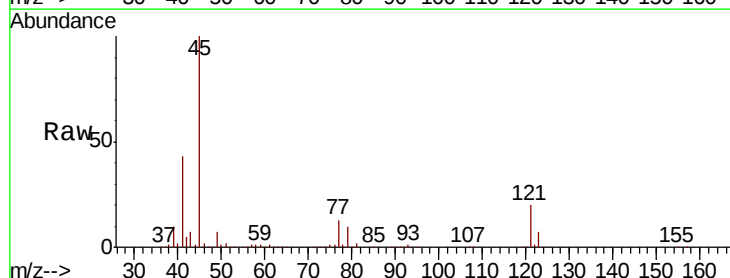
Tgt Ion: 45 Resp: 976793

Ion Ratio Lower Upper

45 100

77 12.8 10.0 50.0

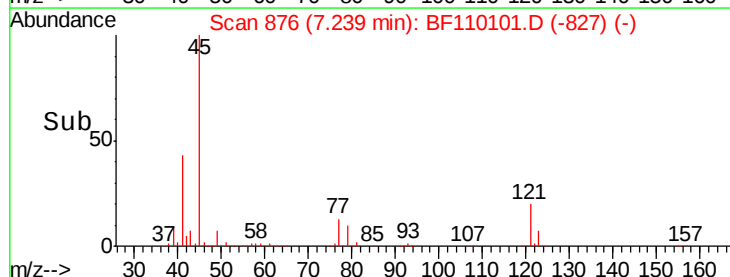
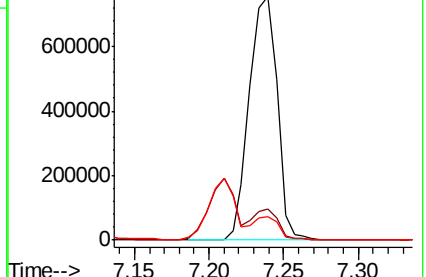
79 9.9 6.1 46.1

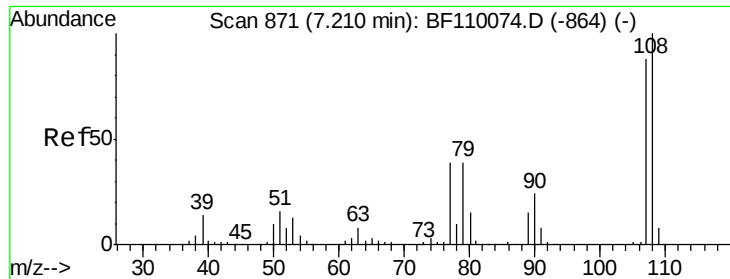


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

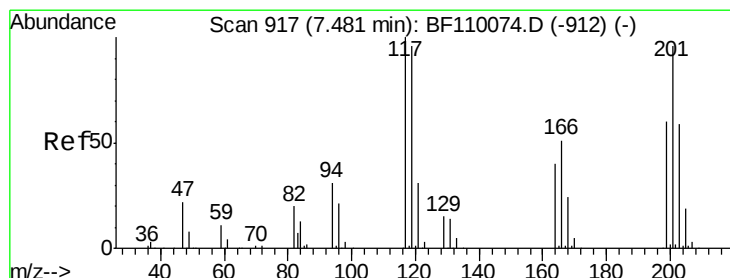
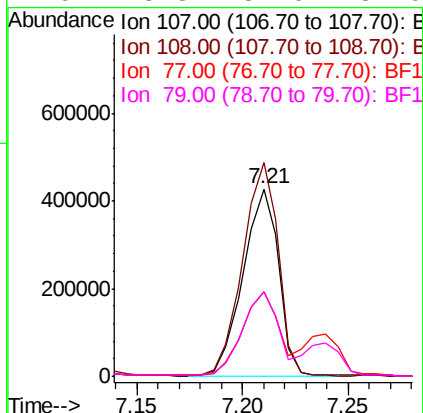
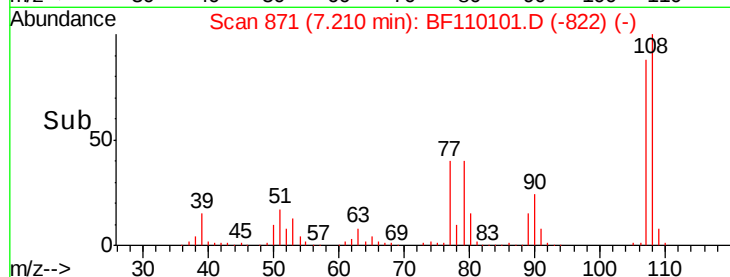
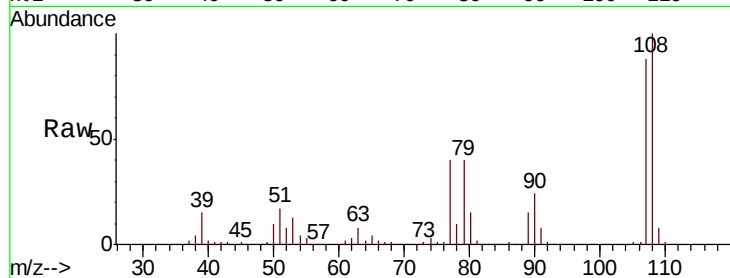




#17
2-Methylphenol
Concen: 40.804 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF110101.D
Acq: 24 Oct 2018 2:05

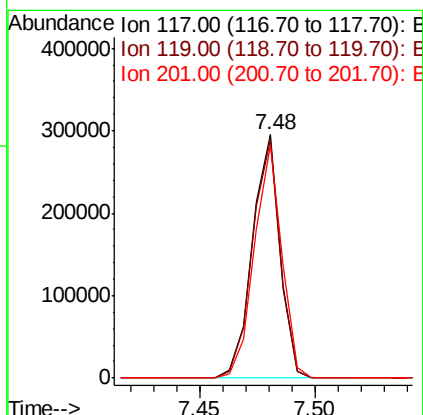
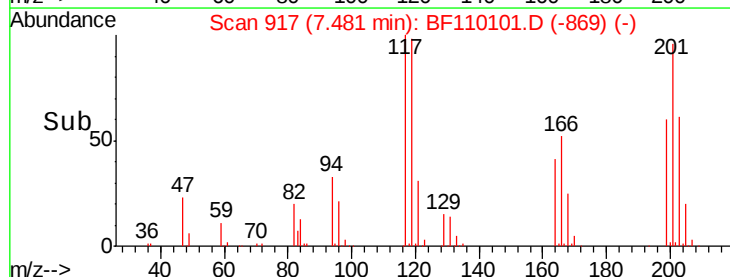
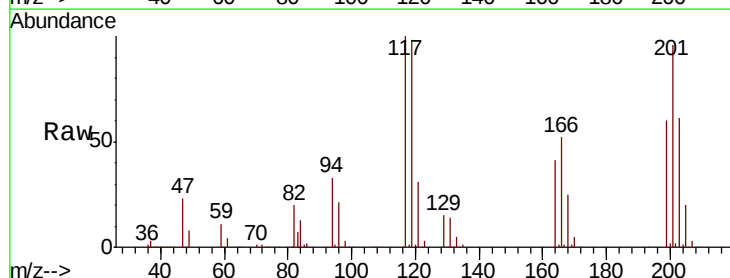
Instrument :
BNA_F
ClientSampleId :

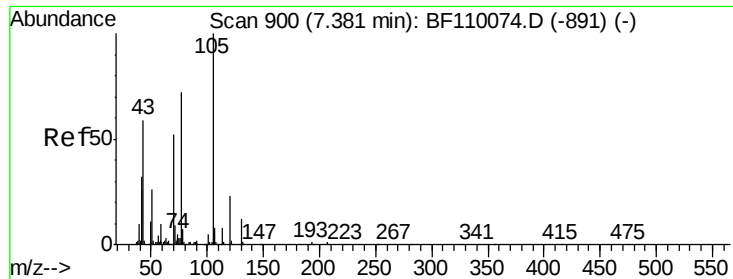
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.2	92.6	138.8
77	45.3	59.4	89.2
79	45.3	54.0	81.0



#18
Hexachloroethane
Concen: 39.532 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF110101.D
Acq: 24 Oct 2018 2:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.2	75.0	112.6
201	96.1	79.2	118.8

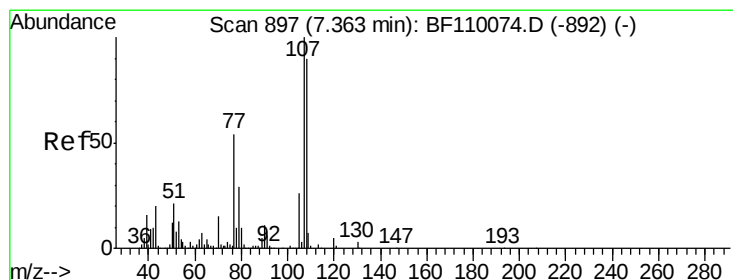
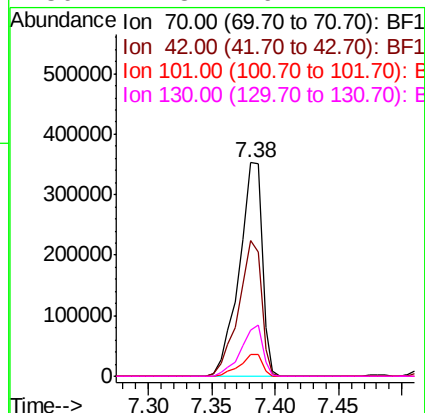
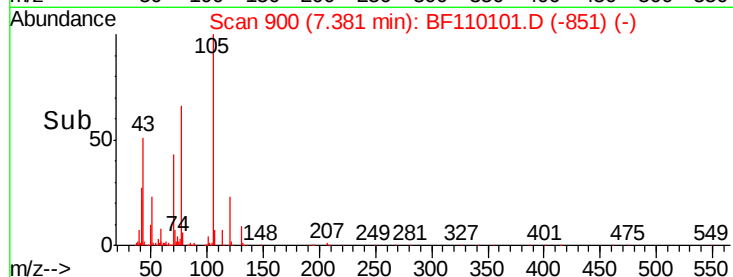
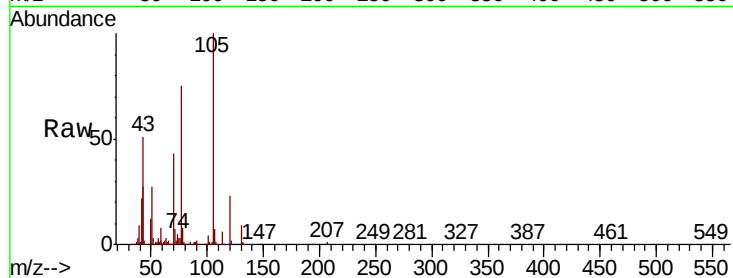




#19
n-Nitroso-di-n-propylamine
Concen: 40.726 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF110101.D
Acq: 24 Oct 2018 2:05

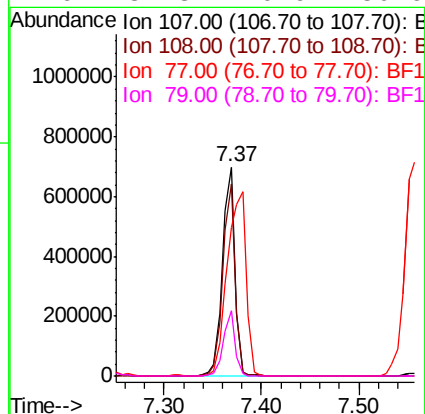
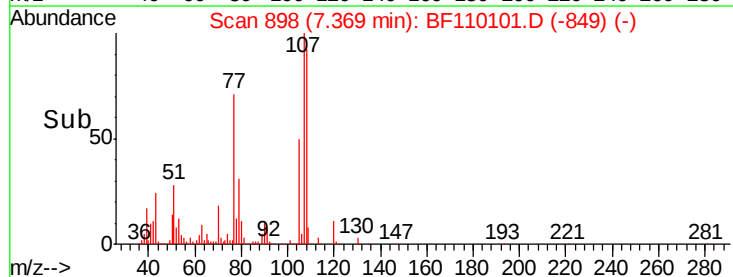
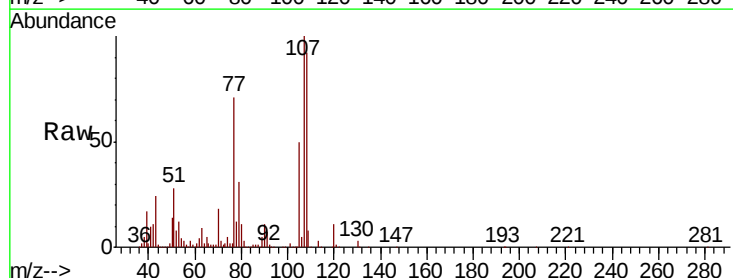
Instrument :
BNA_F
ClientSampled :

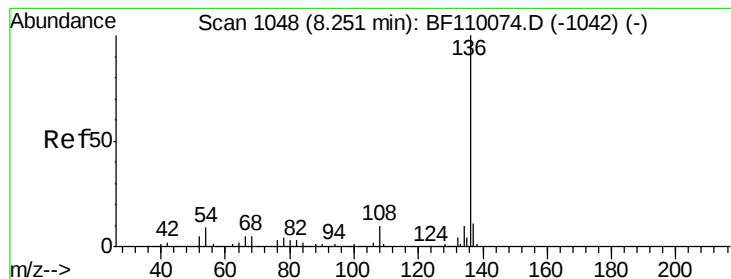
Tot Ion: 70 Resp: 444036
Ion Ratio Lower Upper
70 100
42 63.5 47.4 71.2
101 10.2 7.3 10.9
130 21.8 16.2 24.2



#20
3+4-Methylphenols
Concen: 39.284 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF110101.D
Acq: 24 Oct 2018 2:05

Tgt Ion:107 Resp: 619926
Ion Ratio Lower Upper
107 100
108 92.0 71.4 111.4
77 71.1 47.3 87.3
79 31.3 10.9 50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF110101.D

Acq: 24 Oct 2018 2:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 942475

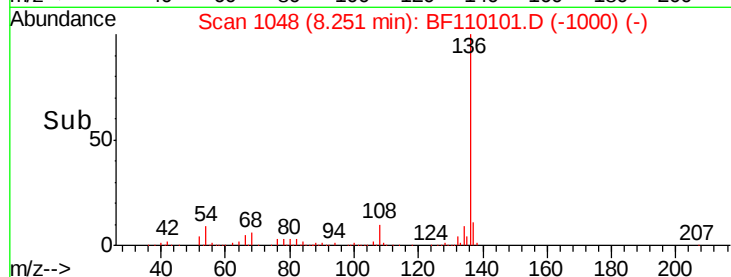
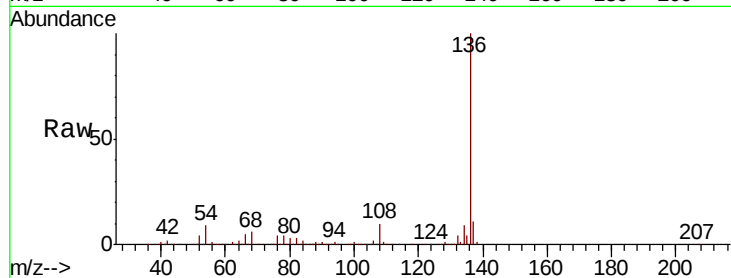
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 8.6 5.4 8.2#

68 5.5 4.2 6.2

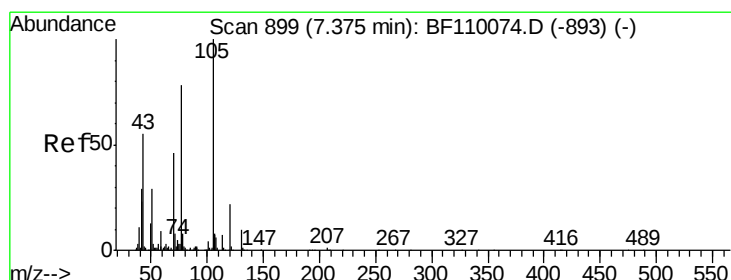
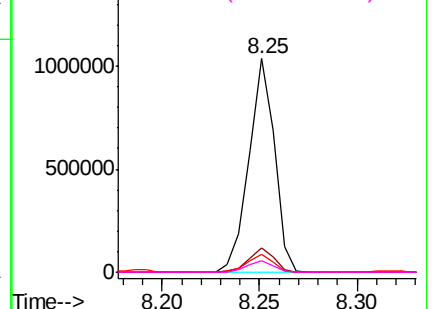


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.843 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF110101.D

Acq: 24 Oct 2018 2:05

Tgt Ion:105 Resp: 843535

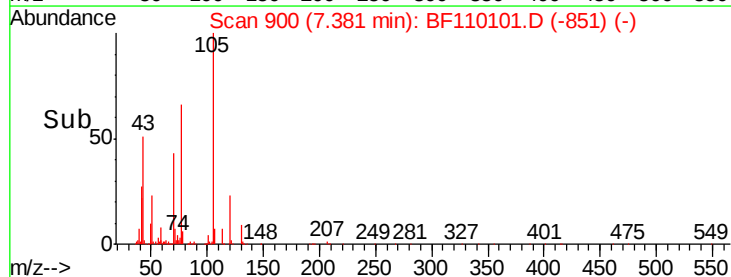
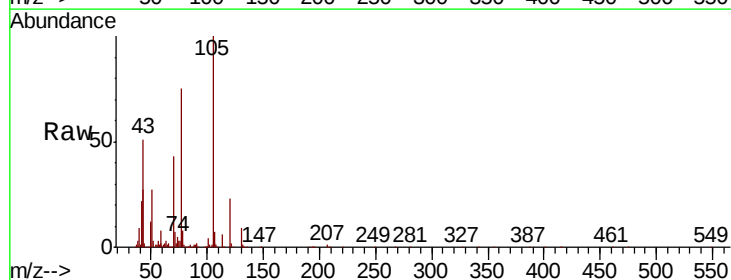
Ion Ratio Lower Upper

105 100

71 7.2 5.2 7.8

51 27.1 21.8 32.8

120 22.6 17.0 25.4

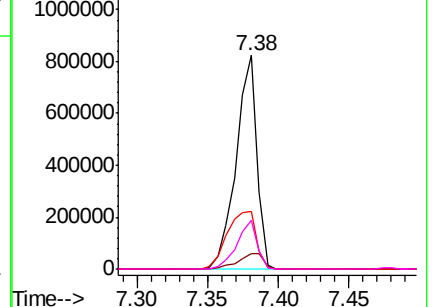


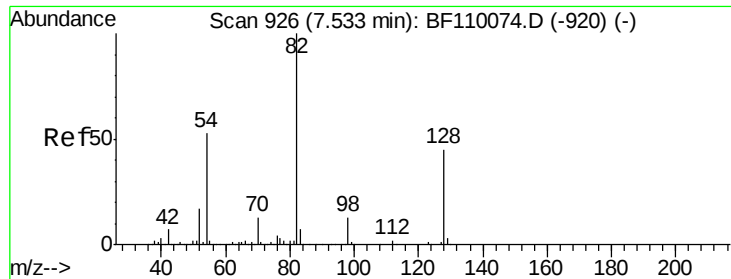
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

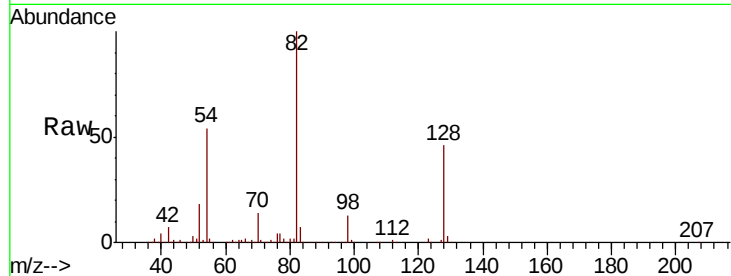




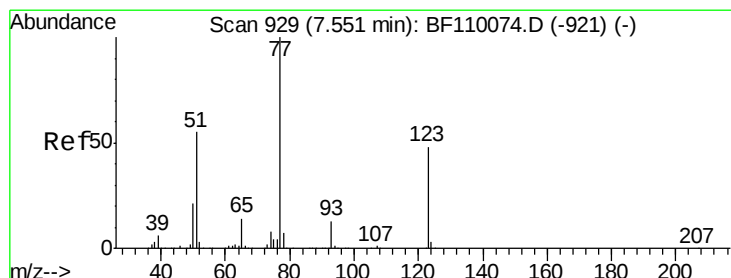
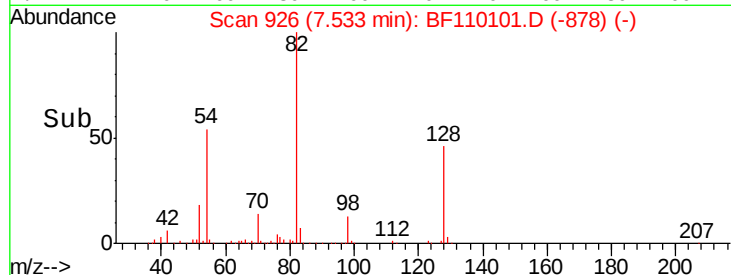
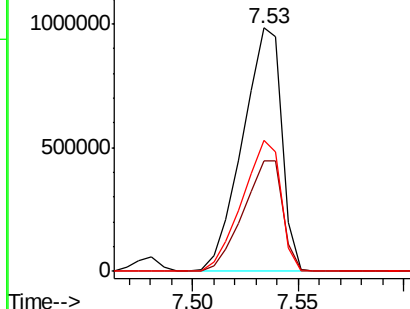
#23
Nitrobenzene-d5
Concen: 79.812 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110101.D
Acq: 24 Oct 2018 2:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1268190
Ion Ratio Lower Upper
82 100
128 45.6 34.2 51.2
54 53.6 38.6 58.0

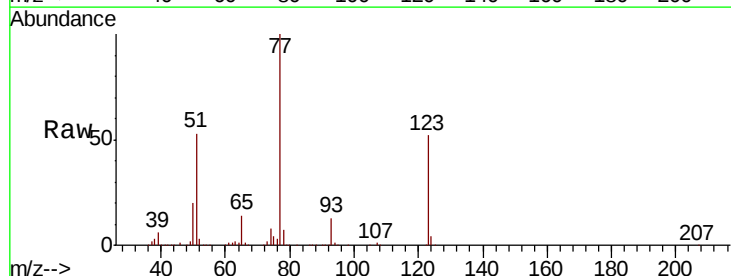


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

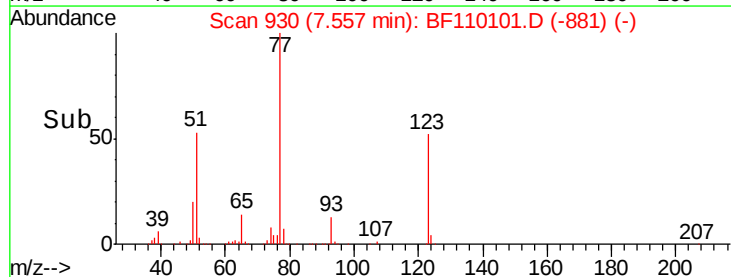
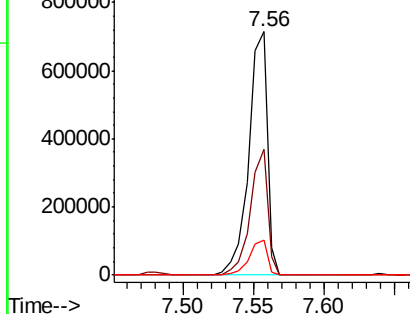


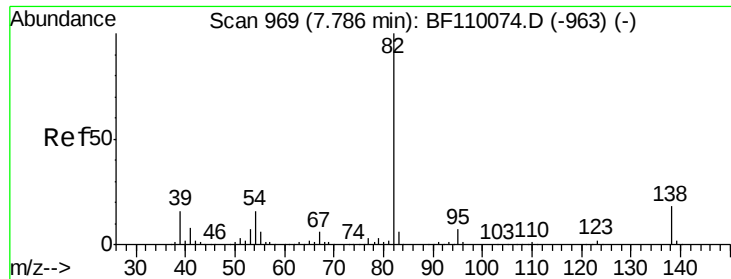
#24
Nitrobenzene
Concen: 40.285 ng
RT: 7.56 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF110101.D
Acq: 24 Oct 2018 2:05

Tgt Ion: 77 Resp: 660882
Ion Ratio Lower Upper
77 100
123 51.6 35.7 53.5
65 14.2 10.7 16.1



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

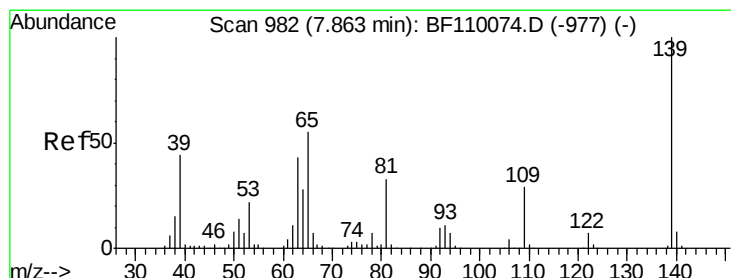
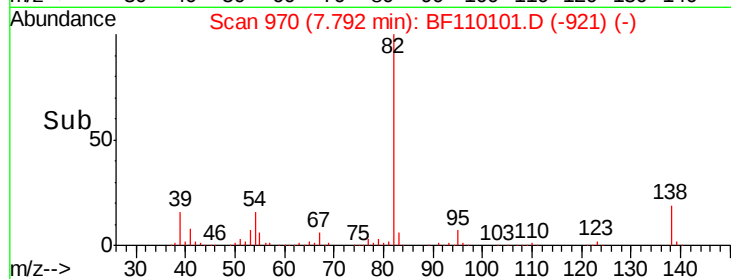
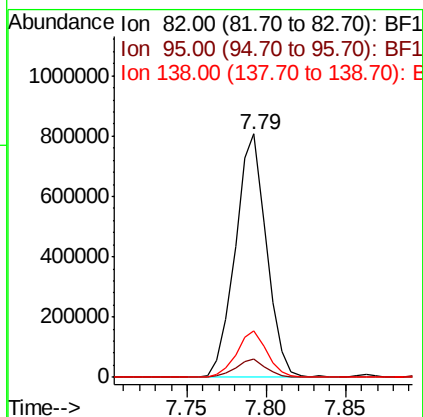
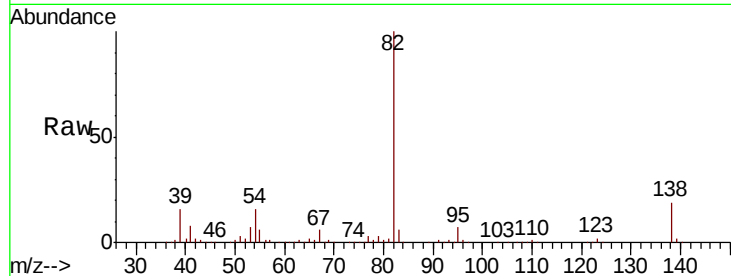




#25
Isophorone
Concen: 40.471 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF110101.D
Acq: 24 Oct 2018 2:05

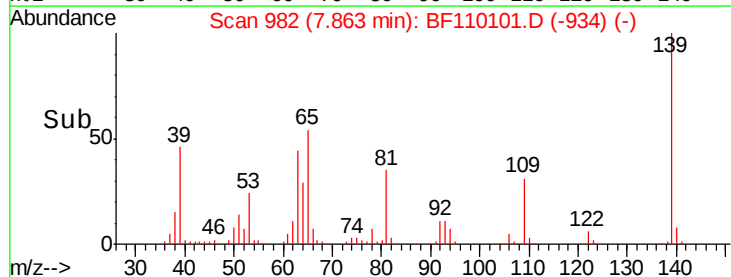
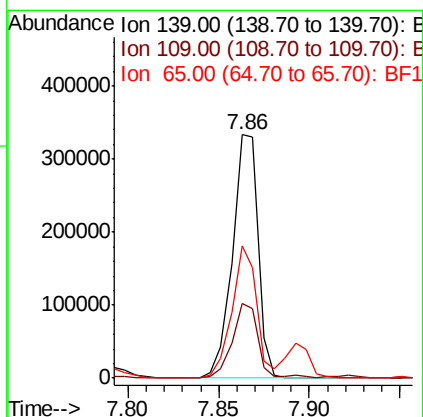
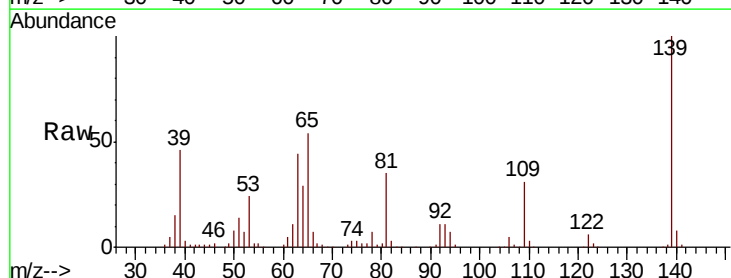
Instrument :
BNA_F
ClientSampled :

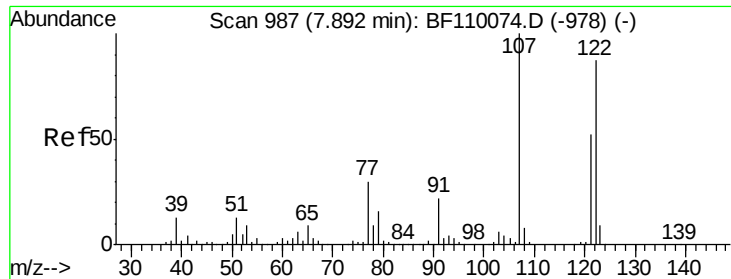
Tot Ion: 82 Resp: 1096185
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 19.0 13.2 19.8



#26
2-Nitrophenol
Concen: 42.247 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF110101.D
Acq: 24 Oct 2018 2:05

Tgt Ion: 139 Resp: 329806
Ion Ratio Lower Upper
139 100
109 30.9 25.0 37.6
65 54.2 44.0 66.0

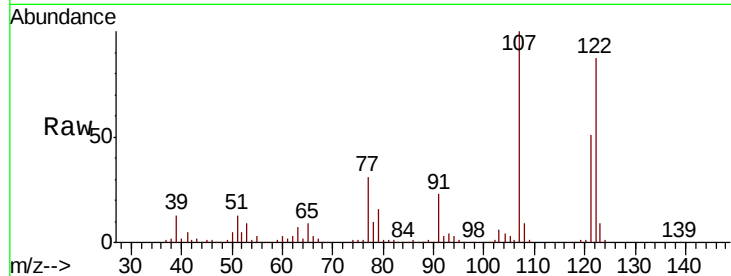




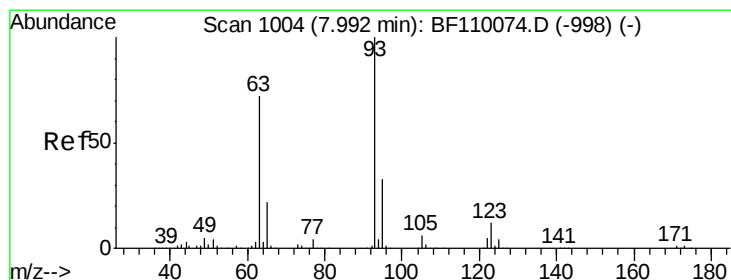
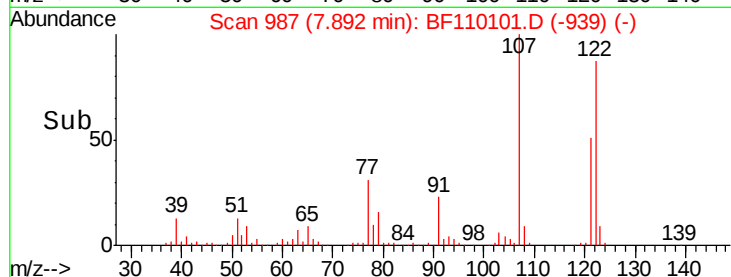
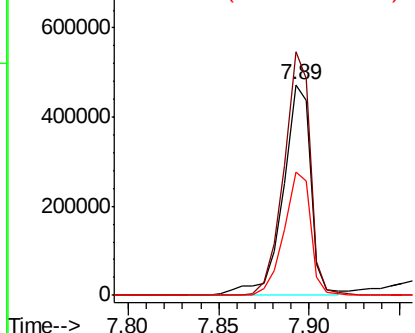
#27
 2,4-Dimethylphenol
 Concen: 39.276 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.02 min
 Lab File: BF110101.D
 Acq: 24 Oct 2018 2:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.5	92.5	138.7
121	58.6	45.8	68.8

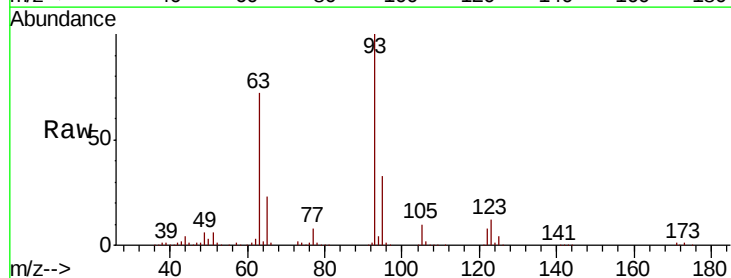


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

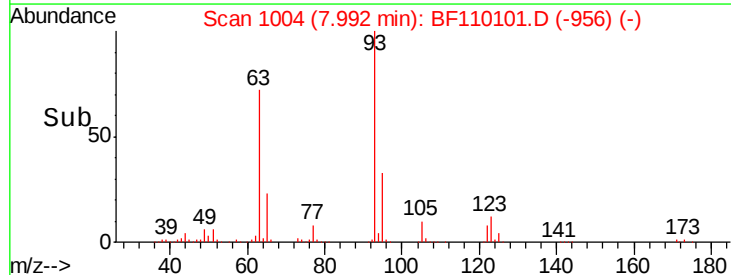
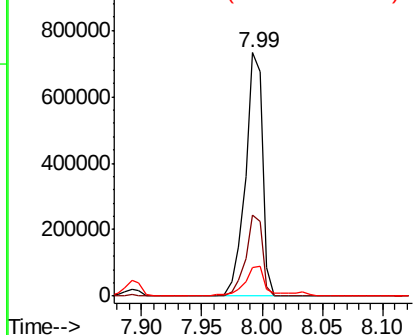


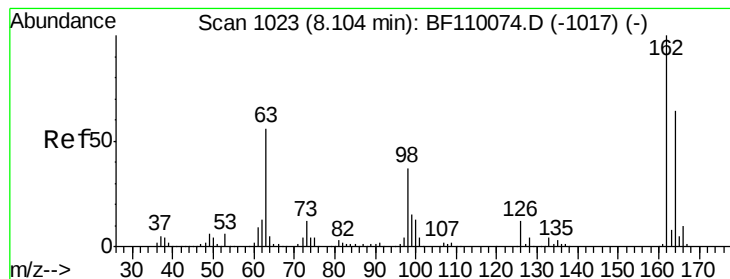
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.609 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.02 min
 Lab File: BF110101.D
 Acq: 24 Oct 2018 2:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.4	39.6
123	11.8	9.0	13.6



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





#29

2,4-Dichlorophenol

Concen: 39.327 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF110101.D

Acq: 24 Oct 2018 2:05

Instrument :

BNA_F

ClientSampleId :

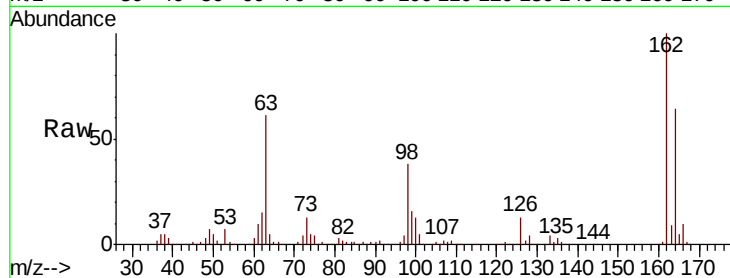
Tot Ion:162 Resp: 514246

Ion Ratio Lower Upper

162 100

164 63.9 44.6 84.6

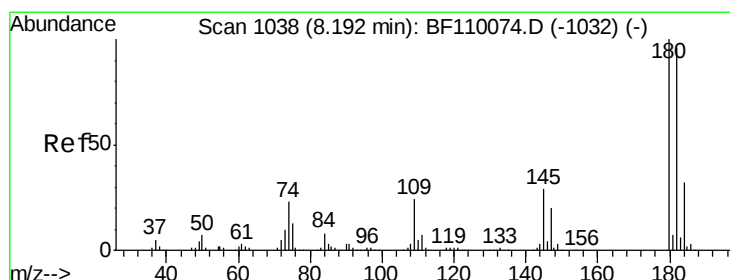
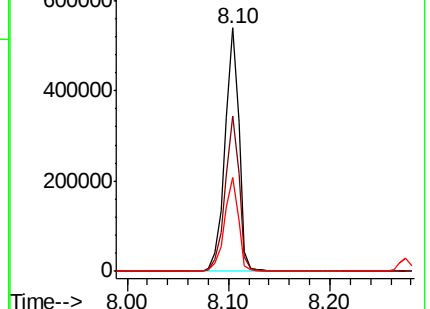
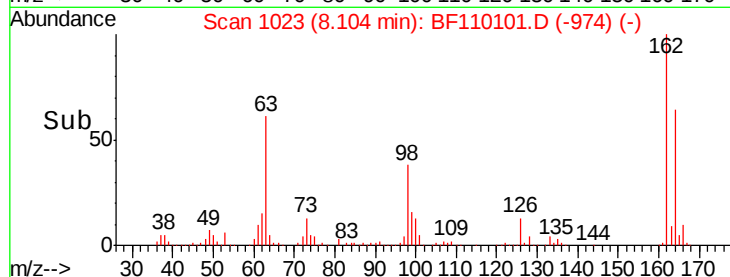
98 38.3 17.4 57.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 39.259 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF110101.D

Acq: 24 Oct 2018 2:05

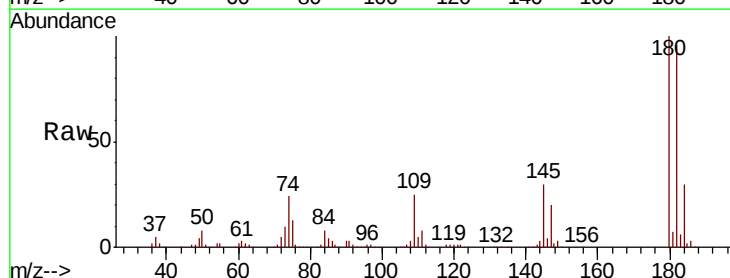
Tgt Ion:180 Resp: 575014

Ion Ratio Lower Upper

180 100

182 96.4 80.3 120.5

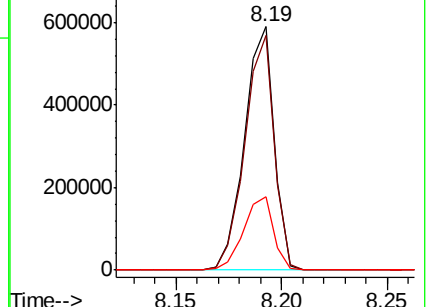
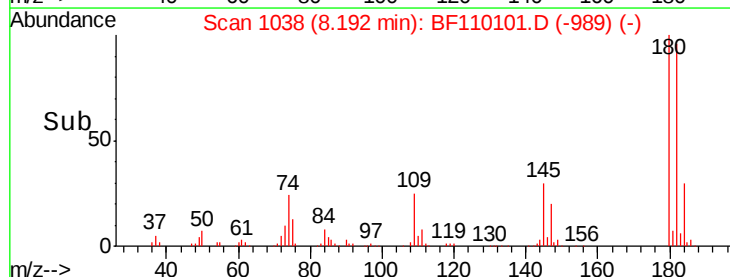
145 29.9 25.4 38.0

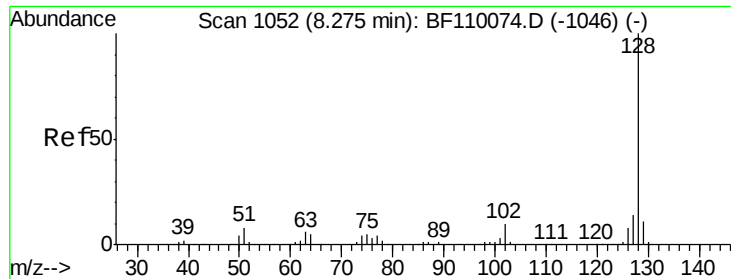


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

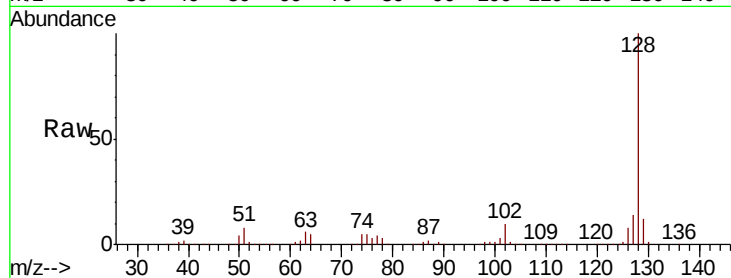




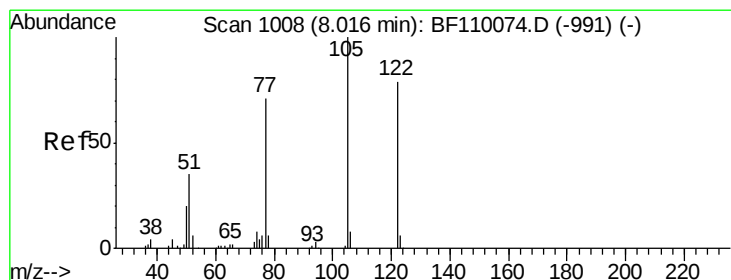
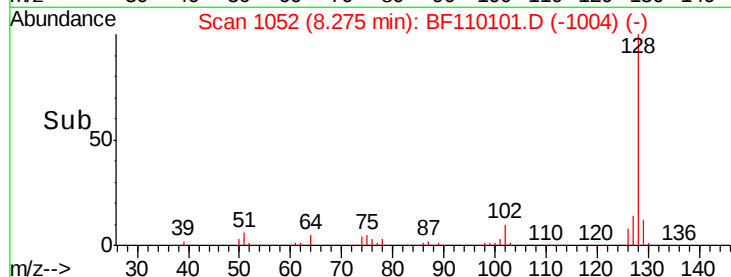
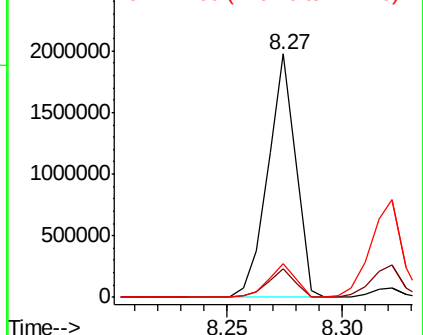
#31
Naphthalene
Concen: 38.112 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.02 min
Lab File: BF110101.D
Acq: 24 Oct 2018 2:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 1655474
Ion Ratio Lower Upper
128 100
129 11.9 8.8 13.2
127 13.8 10.8 16.2

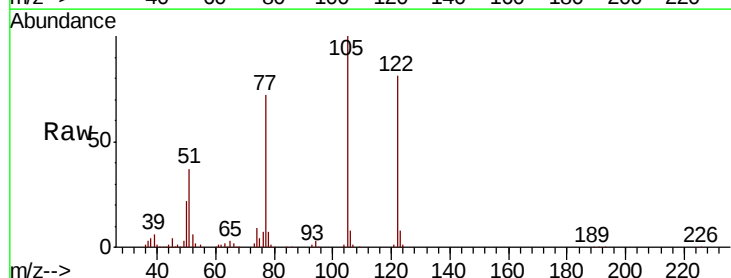


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

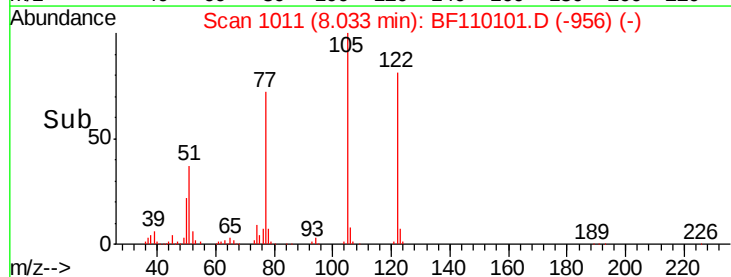
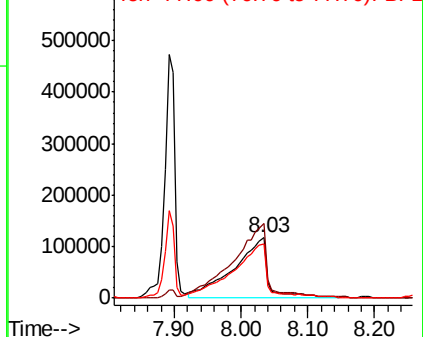


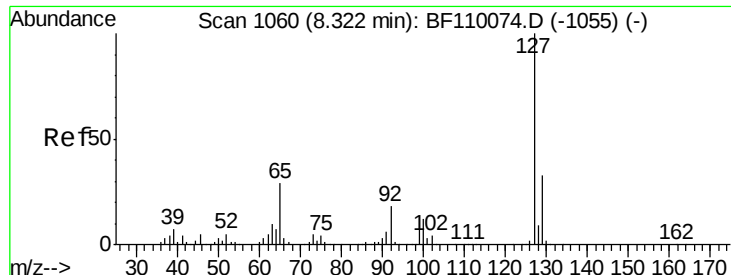
#32
Benzoic acid
Concen: 40.955 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.02 min
Lab File: BF110101.D
Acq: 24 Oct 2018 2:05

Tgt Ion:122 Resp: 409687
Ion Ratio Lower Upper
122 100
105 124.2 109.0 149.0
77 89.0 79.0 119.0



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

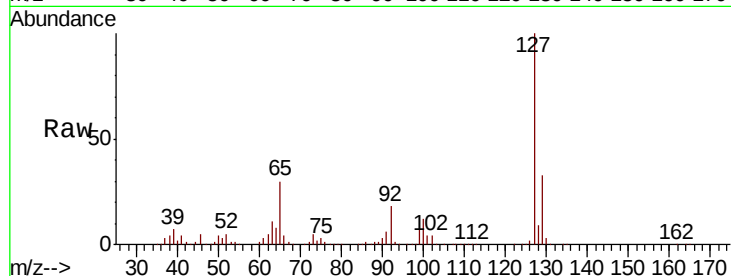




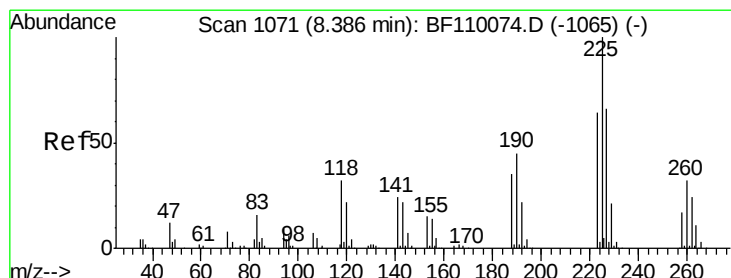
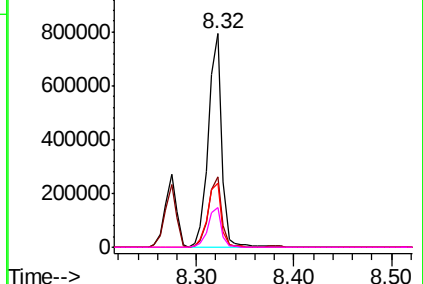
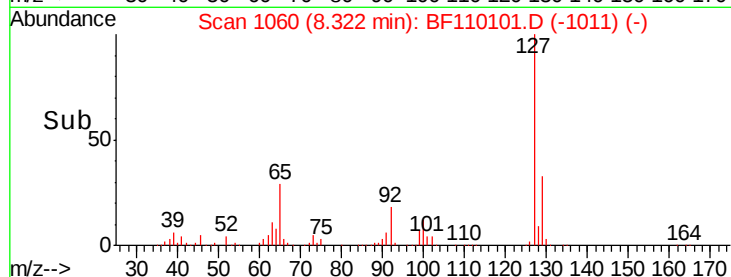
#33
4-Chloroaniline
Concen: 38.579 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF110101.D
Acq: 24 Oct 2018 2:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	754194
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.0	39.0
65	29.7	25.1	37.7
92	18.3	15.0	22.6

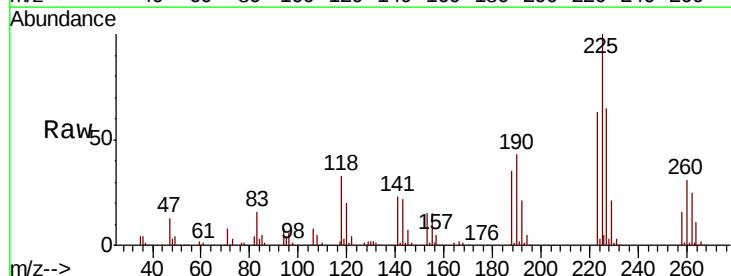


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

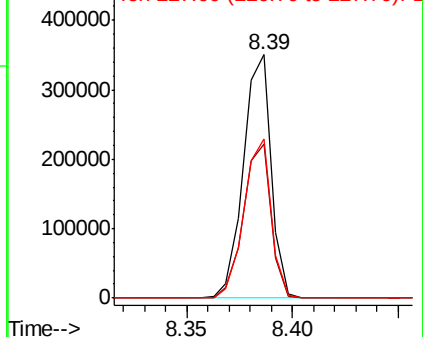
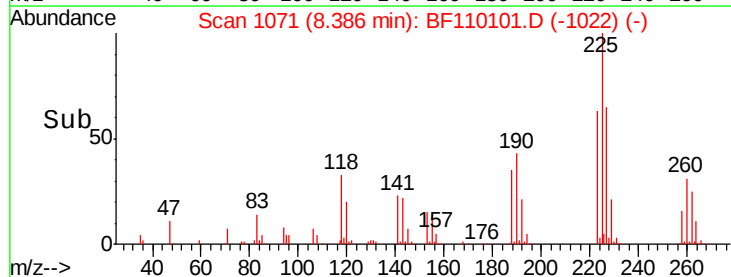


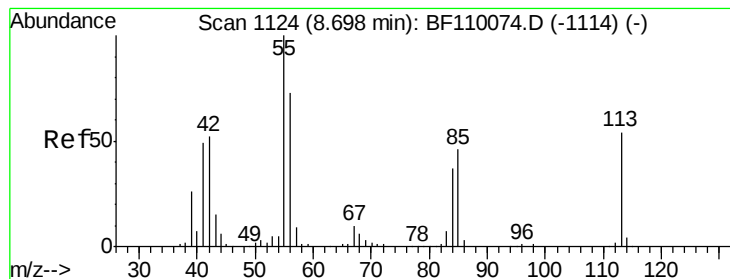
#34
Hexachlorobutadiene
Concen: 39.176 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF110101.D
Acq: 24 Oct 2018 2:05

Tgt Ion:	225	Resp:	318602
Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.4	77.2
227	65.4	51.0	76.6



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





#35

Caprolactam

Concen: 40.796 ng

RT: 8.71 min Scan# 1126

Delta R.T. -0.00 min

Lab File: BF110101.D

Acq: 24 Oct 2018 2:05

Instrument :

BNA_F

ClientSampleId :

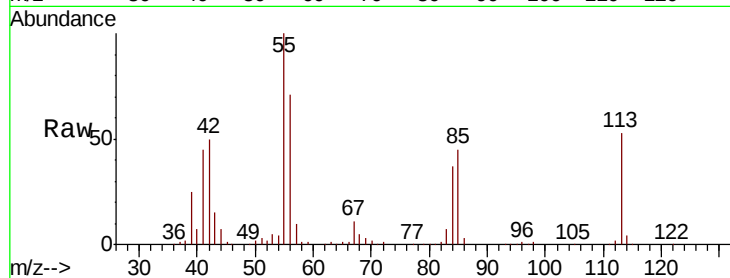
Tot Ion:113 Resp: 185933

Ion Ratio Lower Upper

113 100

55 187.6 142.8 182.8#

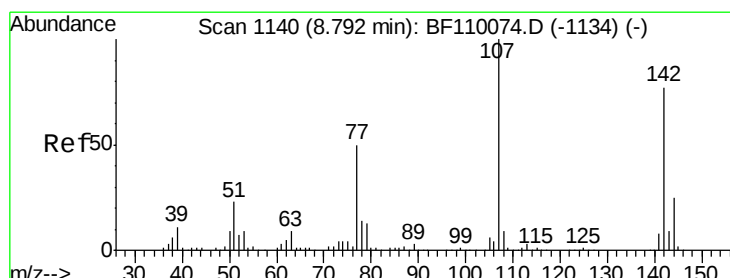
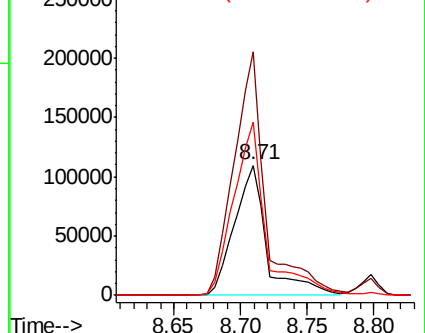
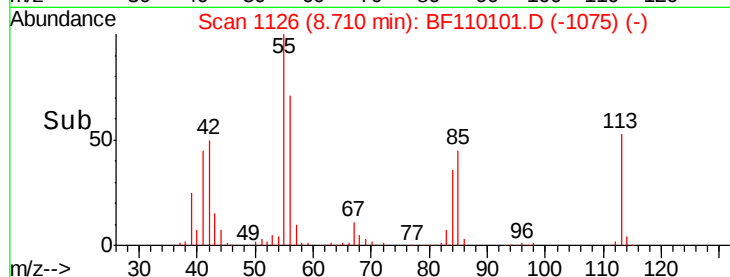
56 133.3 105.0 145.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 39.265 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF110101.D

Acq: 24 Oct 2018 2:05

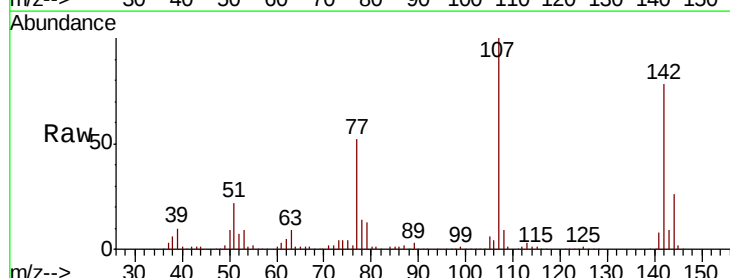
Tgt Ion:107 Resp: 555212

Ion Ratio Lower Upper

107 100

144 25.6 20.0 30.0

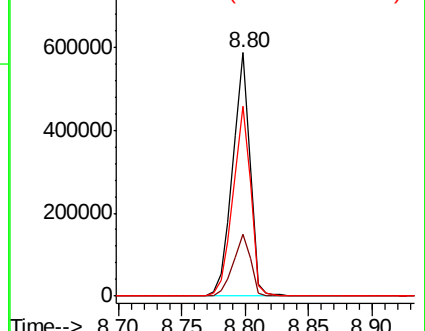
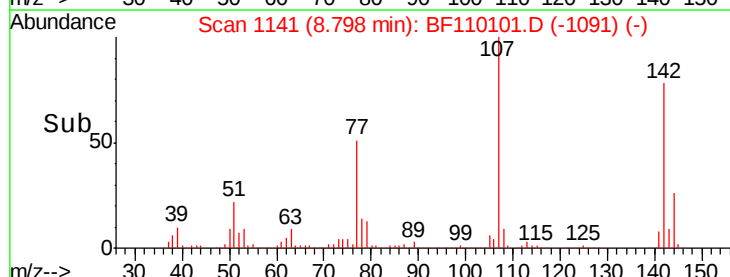
142 78.2 59.7 89.5

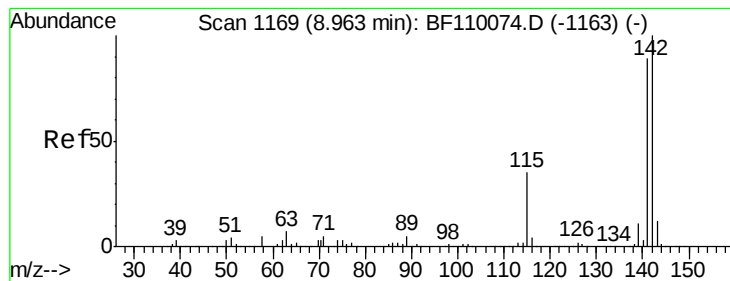


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.388 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.02 min

Lab File: BF110101.D

Acq: 24 Oct 2018 2:05

Instrument :

BNA_F

ClientSampleId :

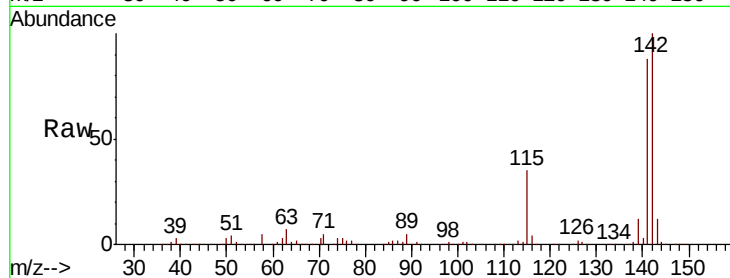
Tot Ion:142 Resp: 1103248

Ion Ratio Lower Upper

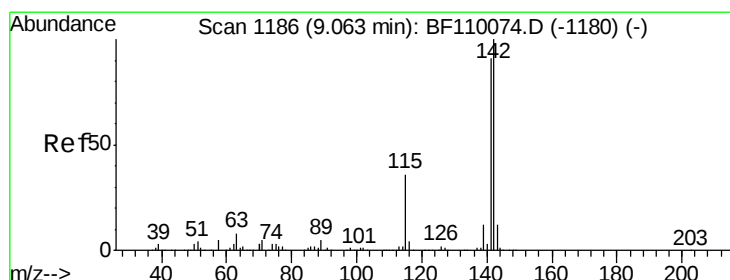
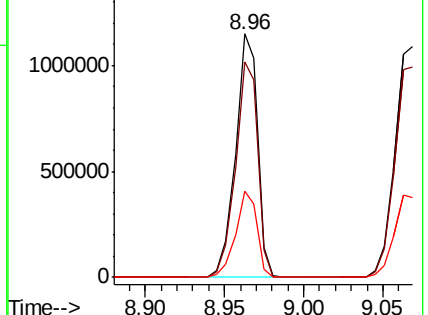
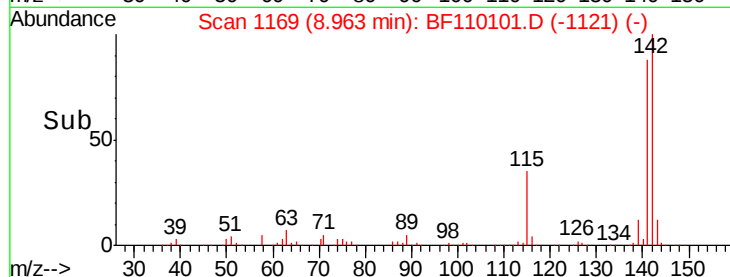
142 100

141 88.5 71.4 107.2

115 35.4 28.7 43.1



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

1-Methylnaphthalene

Concen: 38.427 ng

RT: 9.07 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF110101.D

Acq: 24 Oct 2018 2:05

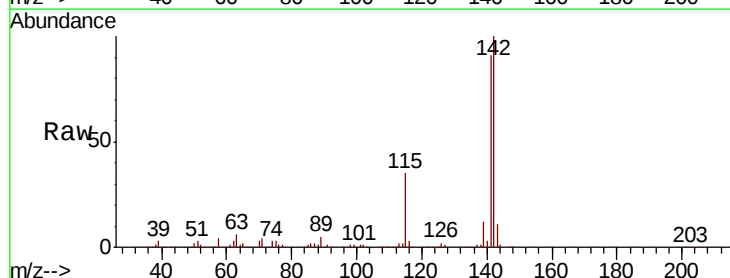
Tgt Ion:142 Resp: 1067251

Ion Ratio Lower Upper

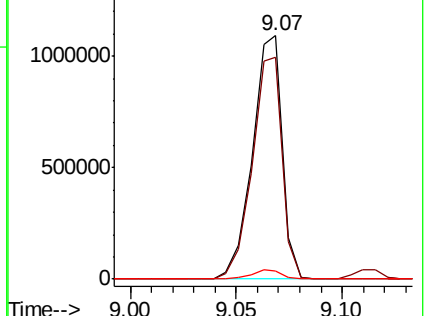
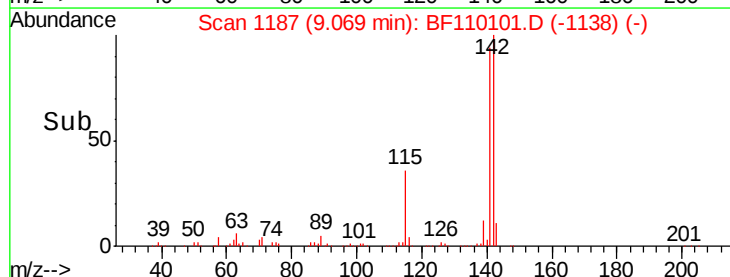
142 100

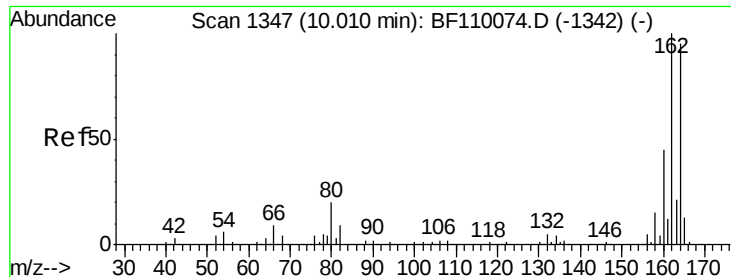
141 91.1 74.2 111.4

116 3.5 2.6 4.0



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF110101.D

Acq: 24 Oct 2018 2:05

Instrument :

BNA_F

ClientSampleId :

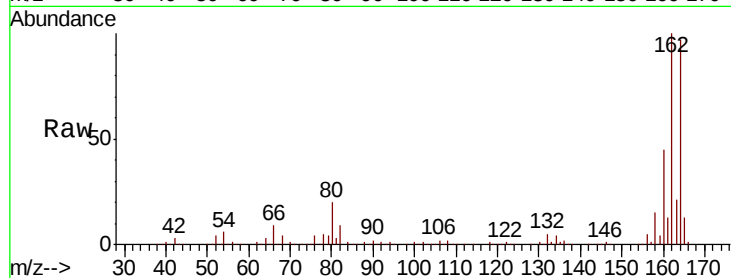
Tot Ion:164 Resp: 453179

Ion Ratio Lower Upper

164 100

162 103.3 83.0 124.6

160 46.9 37.0 55.6

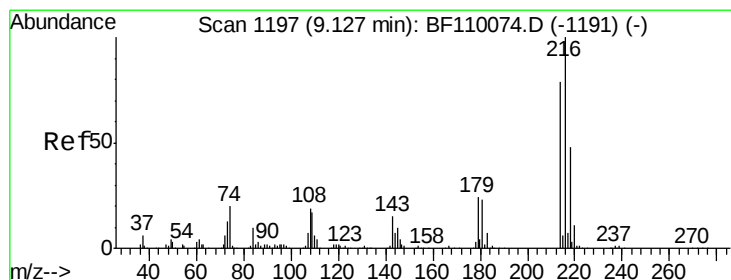
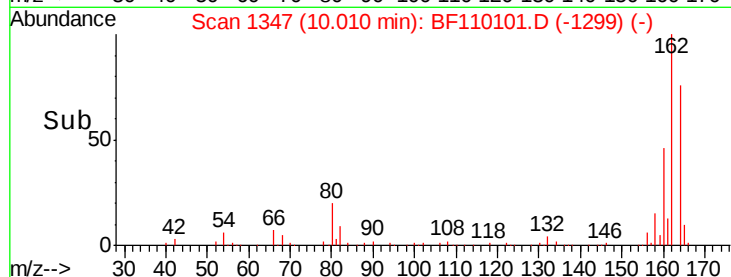
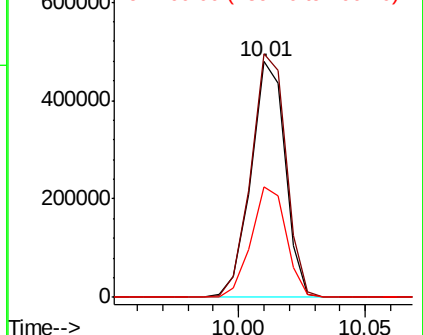


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.001 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.02 min

Lab File: BF110101.D

Acq: 24 Oct 2018 2:05

Tgt Ion:216 Resp: 536582

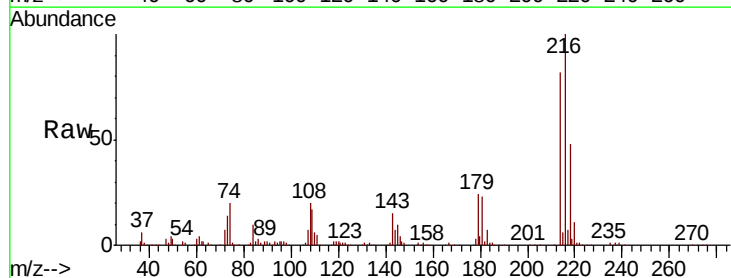
Ion Ratio Lower Upper

216 100

214 79.7 63.8 95.6

179 22.9 16.6 25.0

108 20.3 15.1 22.7



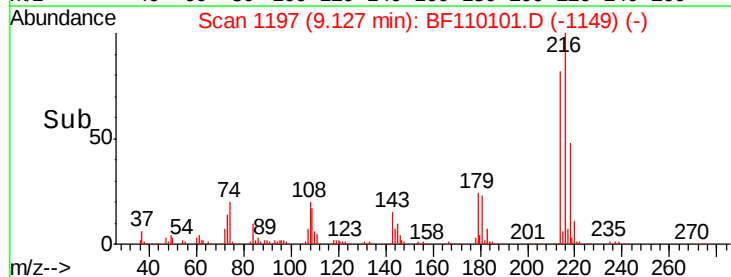
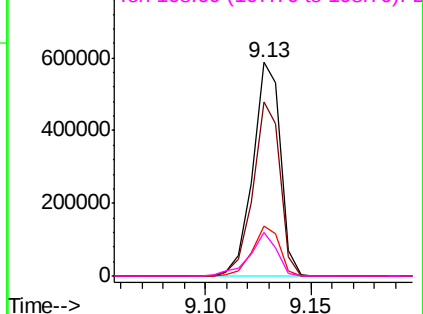
Abundance

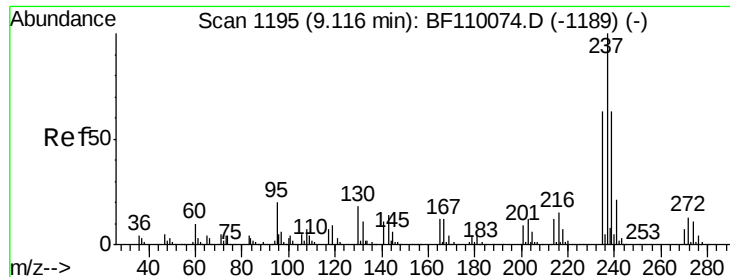
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 39.875 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF110101.D

Acq: 24 Oct 2018 2:05

Instrument :

BNA_F

ClientSampleId :

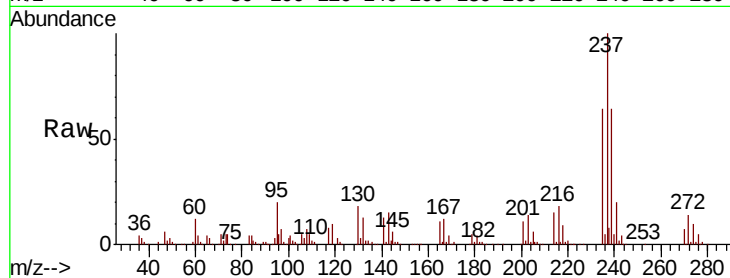
Tot Ion:237 Resp: 287904

Ion Ratio Lower Upper

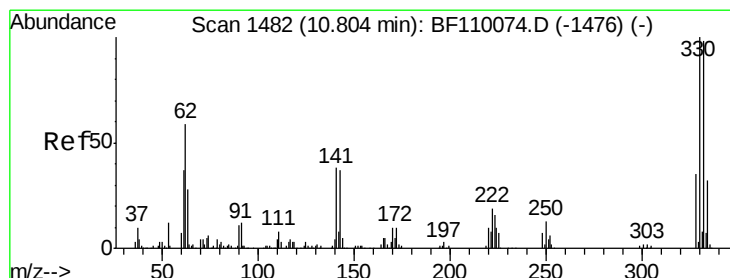
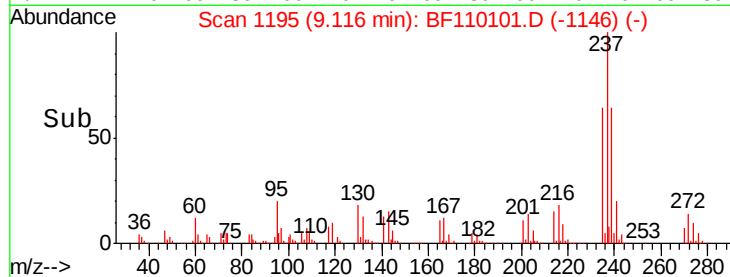
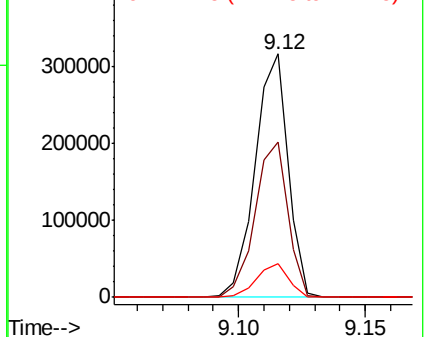
237 100

235 63.7 43.1 83.1

272 13.8 0.0 32.6



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



#42

2,4,6-Tribromophenol

Concen: 76.659 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110101.D

Acq: 24 Oct 2018 2:05

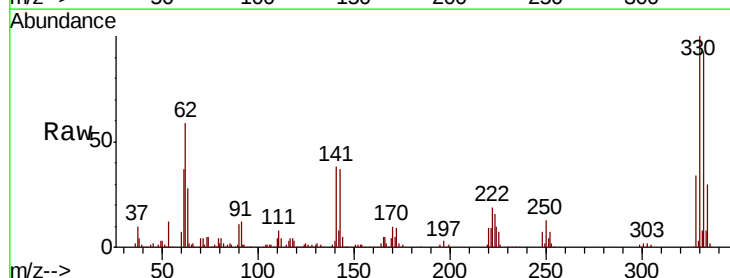
Tgt Ion:330 Resp: 344124

Ion Ratio Lower Upper

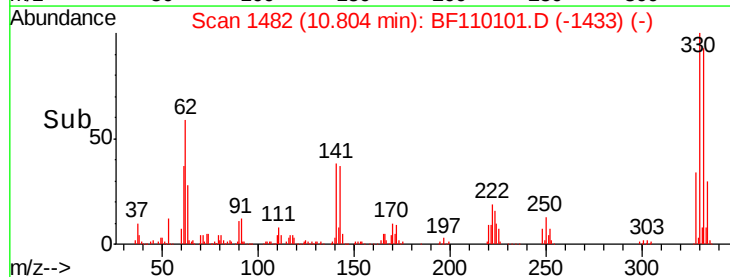
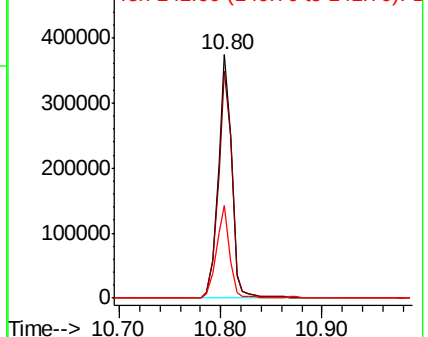
330 100

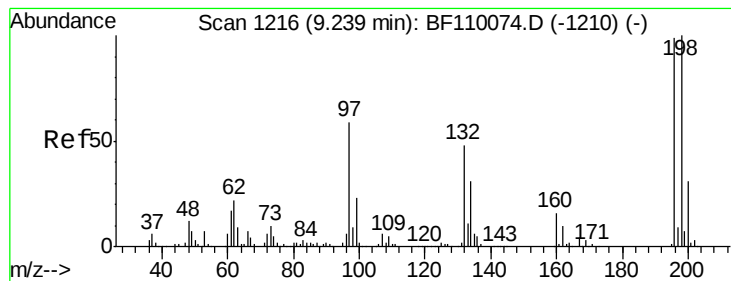
332 95.9 77.1 115.7

141 37.2 27.0 40.4



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





#43

2,4,6-Trichlorophenol

Concen: 38.904 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF110101.D

Acq: 24 Oct 2018 2:05

Instrument :
BNA_F
ClientSampled :

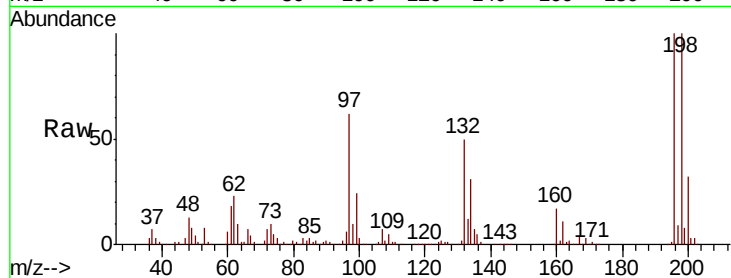
Tot Ion:196 Resp: 354309

Ion Ratio Lower Upper

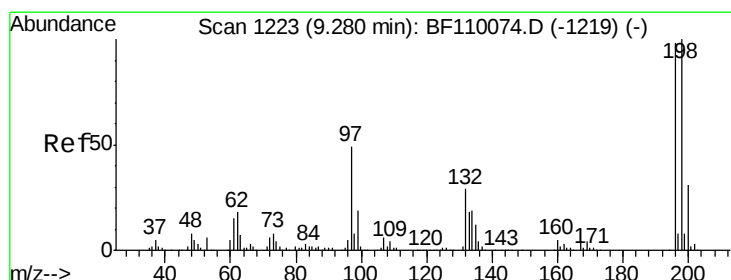
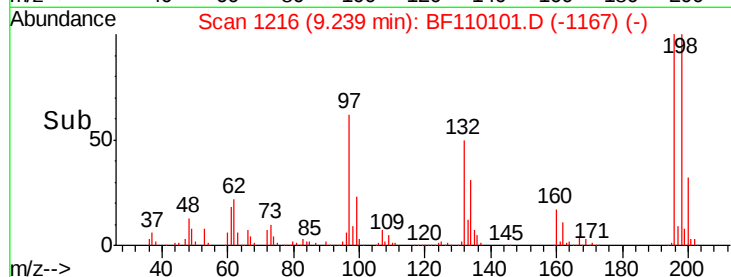
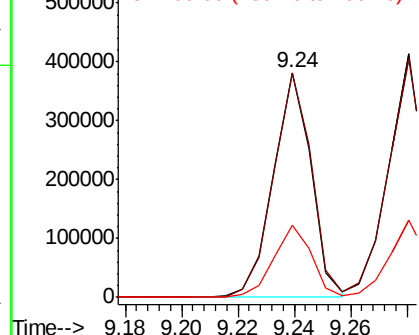
196 100

198 99.7 76.2 114.4

200 31.8 24.4 36.6



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



#44

2,4,5-Trichlorophenol

Concen: 39.115 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF110101.D

Acq: 24 Oct 2018 2:05

Tgt Ion:196 Resp: 376550

Ion Ratio Lower Upper

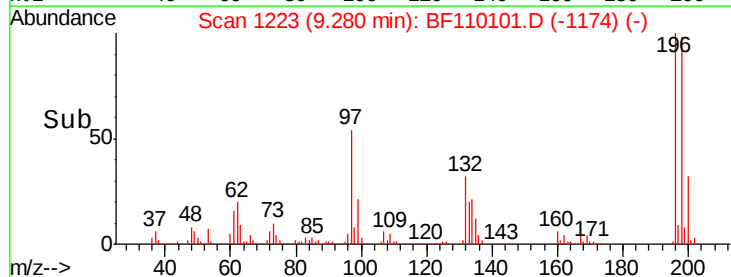
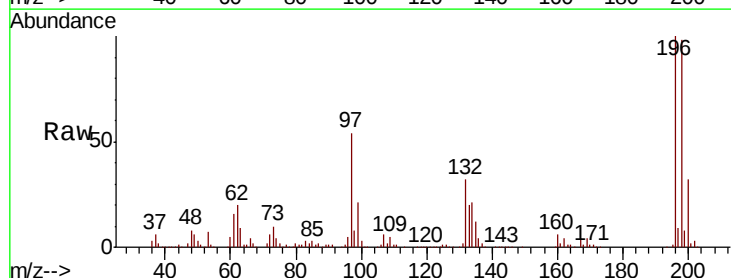
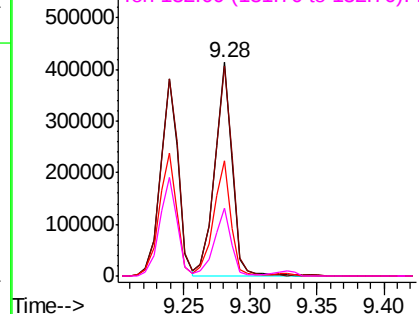
196 100

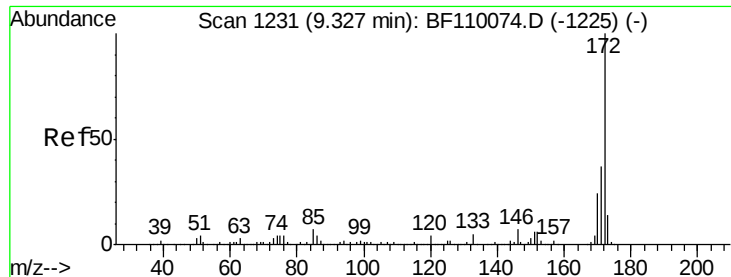
198 98.2 75.8 113.6

97 53.9 42.4 63.6

132 31.5 22.8 34.2

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



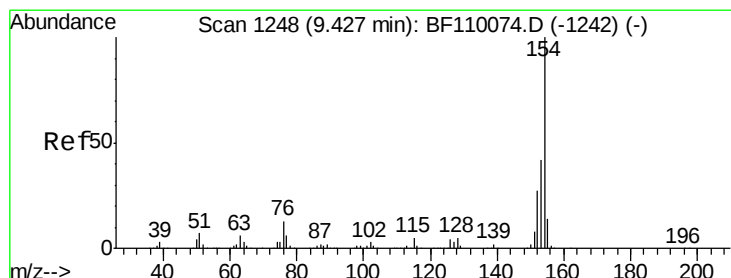
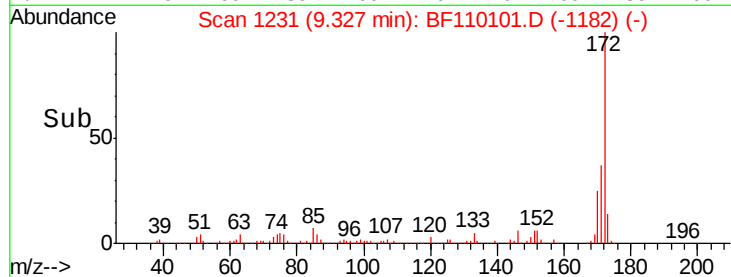
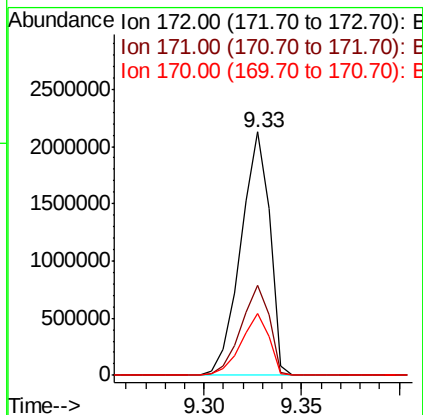
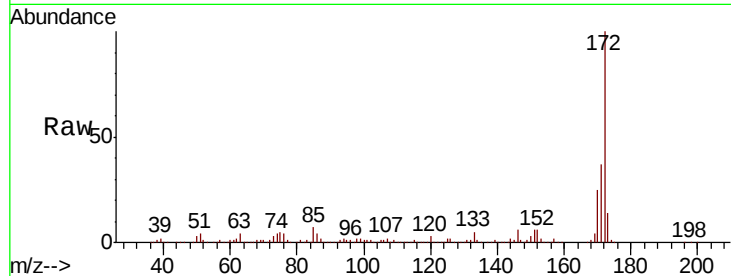


#45
 2-Fluorobiphenyl
 Concen: 75.742 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110101.D
 Acq: 24 Oct 2018 2:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 2185924

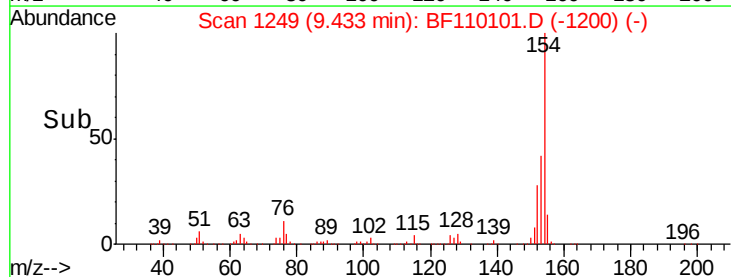
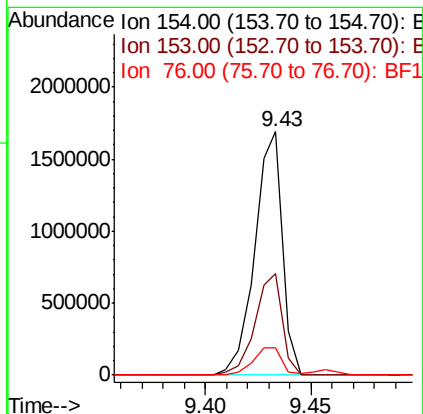
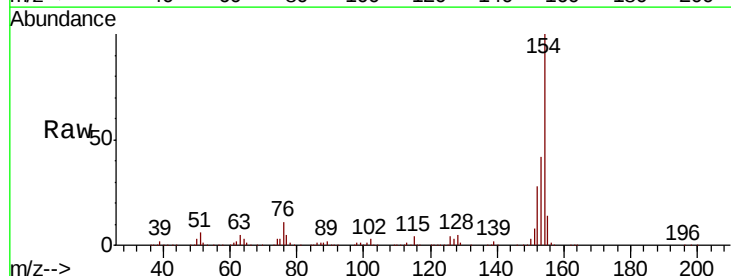
Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.6	43.0
170	25.2	19.7	29.5

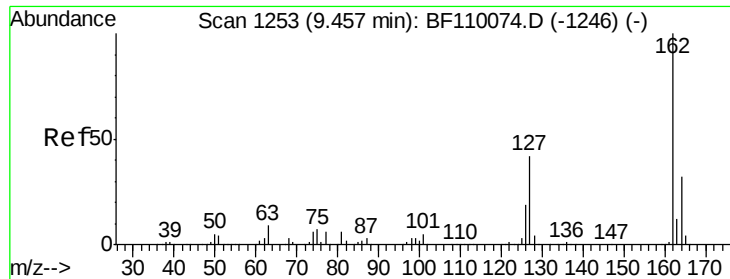


#46
 1,1'-Biphenyl
 Concen: 37.406 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF110101.D
 Acq: 24 Oct 2018 2:05

Tgt Ion:154 Resp: 1532931

Ion	Ratio	Lower	Upper
154	100		
153	41.9	20.4	60.4
76	11.0	0.0	31.9

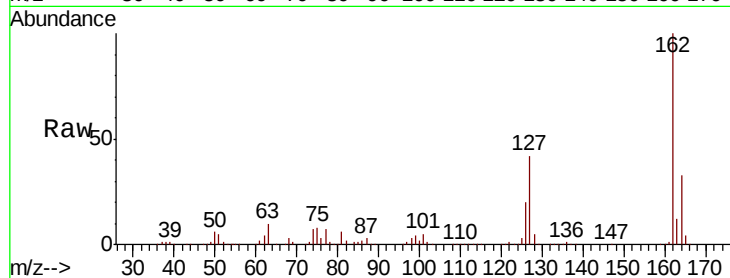




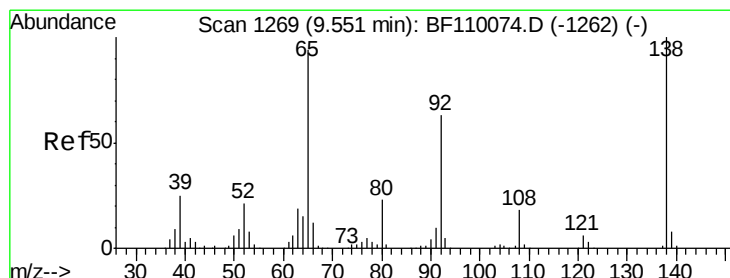
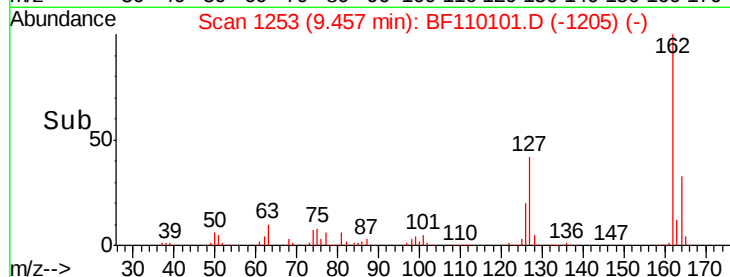
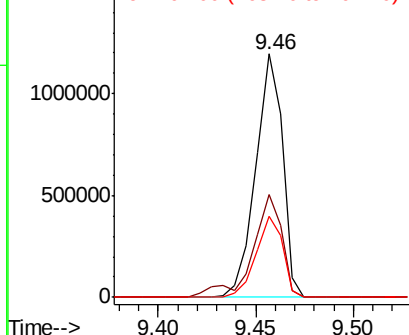
#47
 2-Chloronaphthalene
 Concen: 37.934 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF110101.D
 Acq: 24 Oct 2018 2:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1140329
 Ion Ratio Lower Upper
 162 100
 127 42.3 32.6 48.8
 164 33.4 25.9 38.9

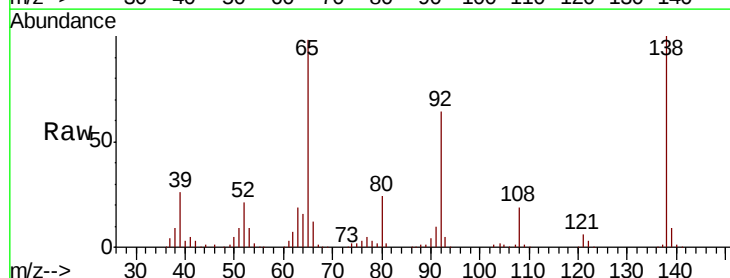


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

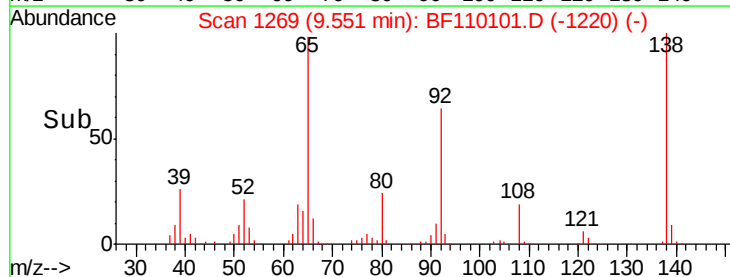
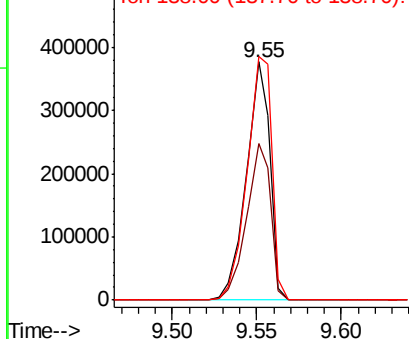


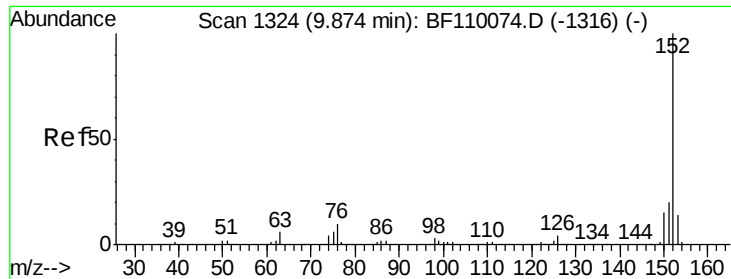
#48
 2-Nitroaniline
 Concen: 40.463 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BF110101.D
 Acq: 24 Oct 2018 2:05

Tgt Ion: 65 Resp: 368589
 Ion Ratio Lower Upper
 65 100
 92 65.7 54.6 81.8
 138 102.3 80.3 120.5



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





#49

Acenaphthylene

Concen: 37.800 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF110101.D

Acq: 24 Oct 2018 2:05

Instrument :

BNA_F

ClientSampleId :

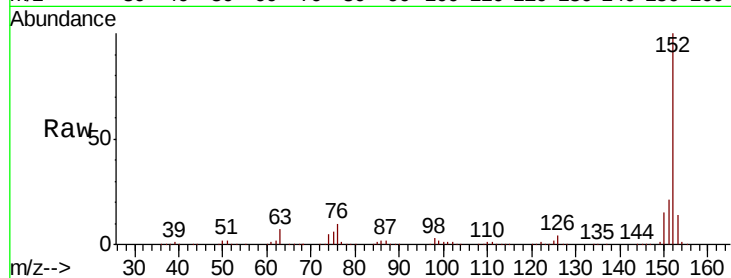
Tot Ion:152 Resp: 1641187

Ion Ratio Lower Upper

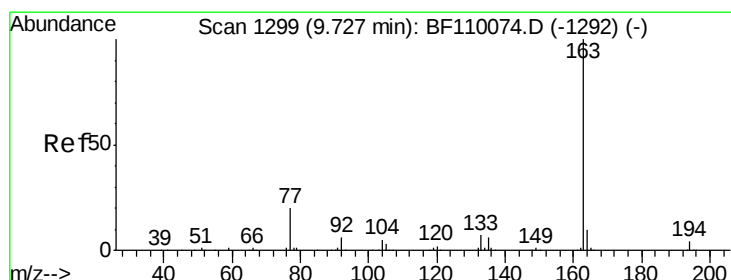
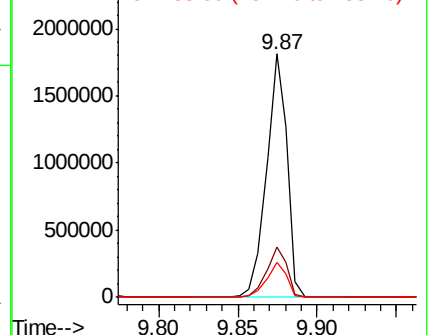
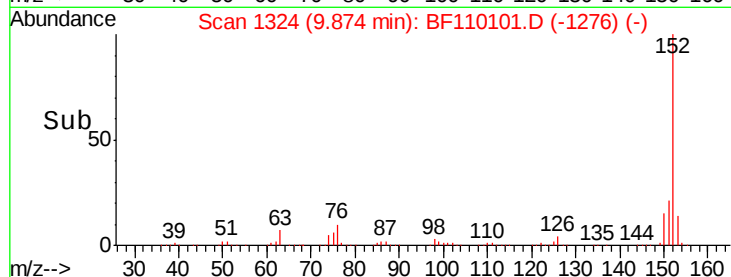
152 100

151 20.8 15.8 23.8

153 14.4 10.4 15.6



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



#50

Dimethylphthalate

Concen: 38.378 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF110101.D

Acq: 24 Oct 2018 2:05

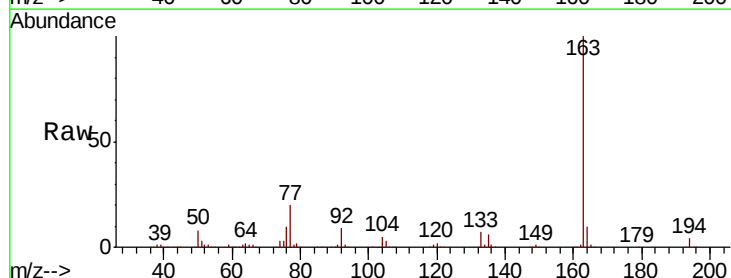
Tgt Ion:163 Resp: 1283841

Ion Ratio Lower Upper

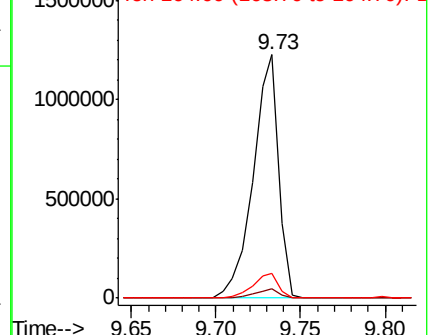
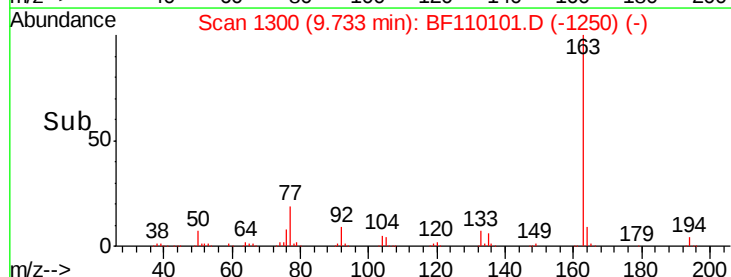
163 100

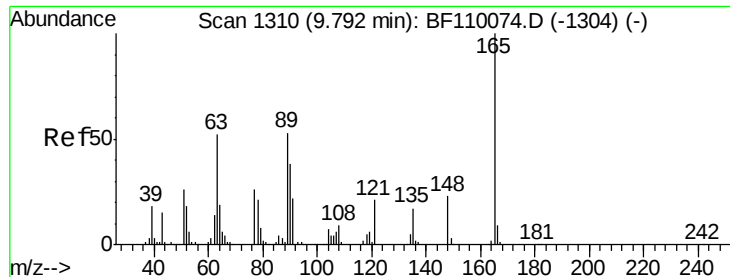
194 3.7 3.2 4.8

164 10.1 8.1 12.1



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

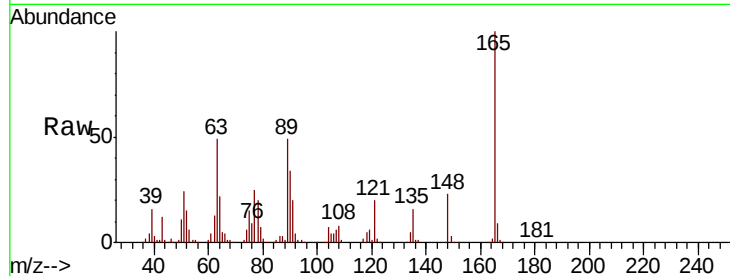




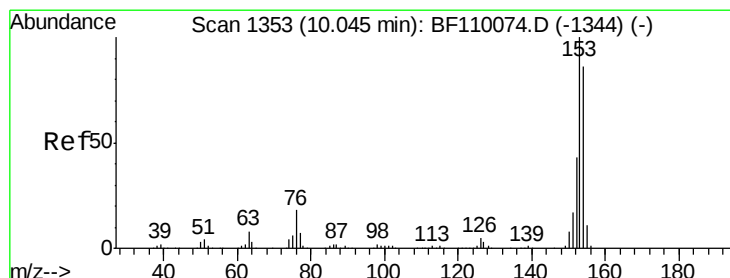
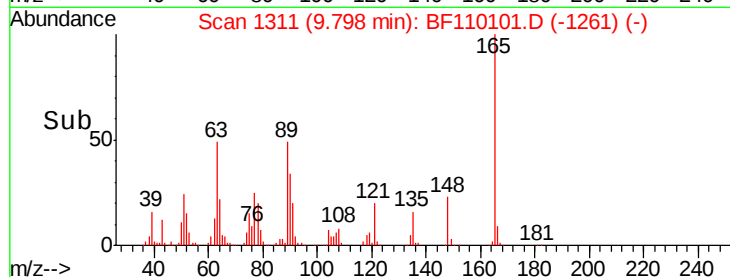
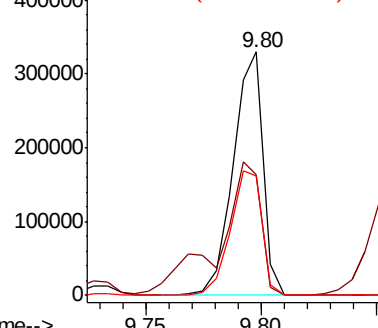
#51
2,6-Dinitrotoluene
Concen: 40.991 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF110101.D
Acq: 24 Oct 2018 2:05

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.3	48.9	73.3
89	49.2	46.6	69.8

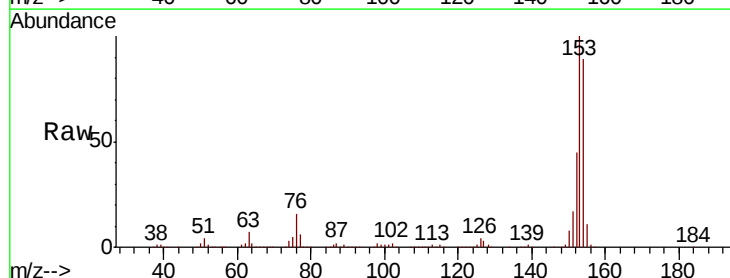


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

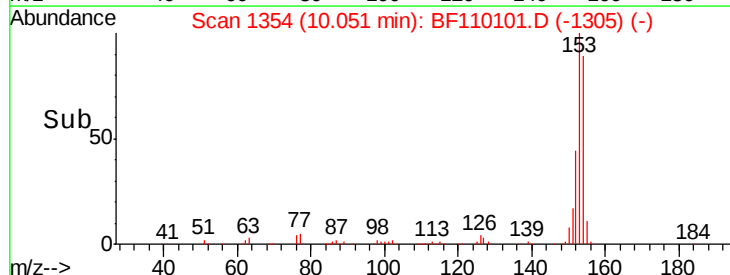
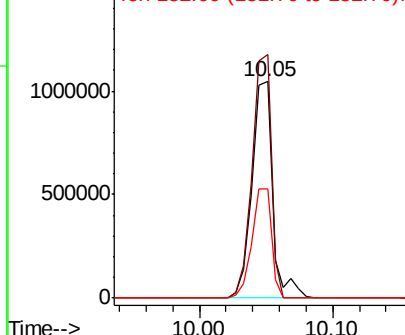


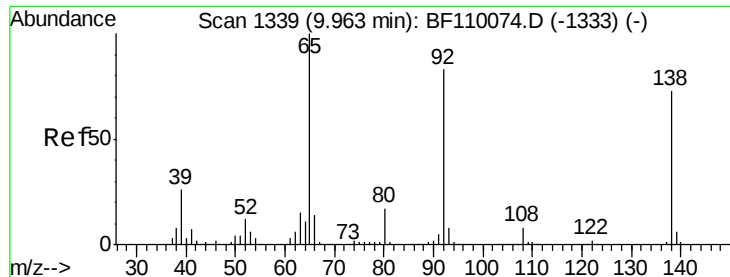
#52
Acenaphthene
Concen: 38.420 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF110101.D
Acq: 24 Oct 2018 2:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.6	90.1	135.1
152	50.4	43.4	65.2



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

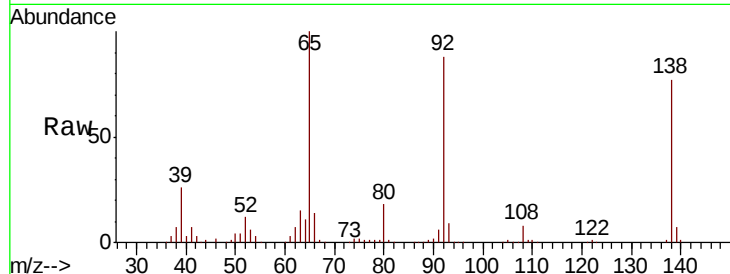




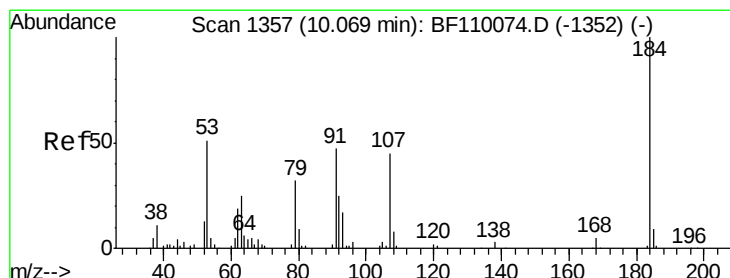
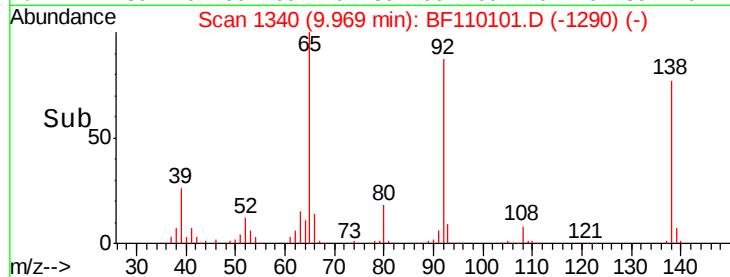
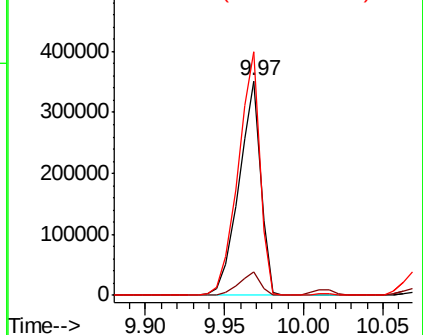
#53
3-Nitroaniline
Concen: 39.096 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF110101.D
Acq: 24 Oct 2018 2:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 335016
Ion Ratio Lower Upper
138 100
108 10.7 8.7 13.1
92 113.5 97.0 145.4

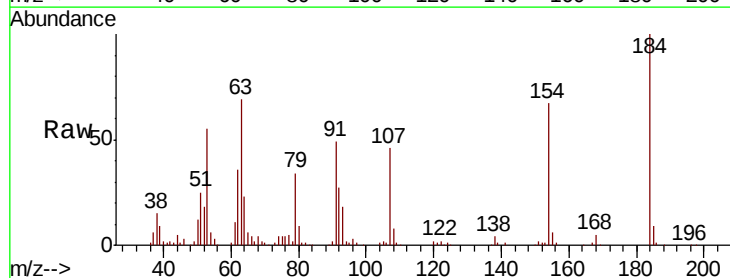


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

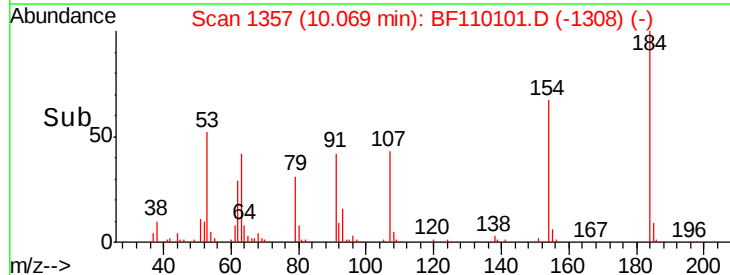
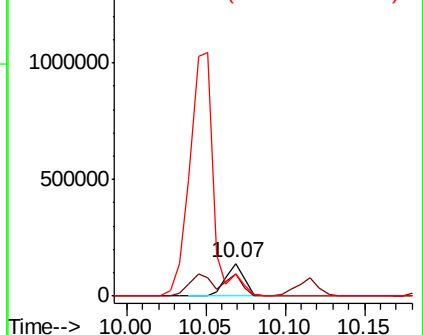


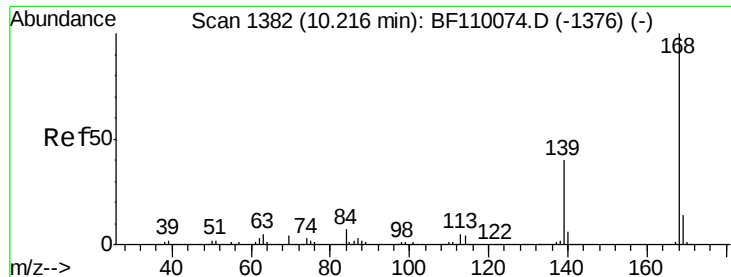
#54
2,4-Dinitrophenol
Concen: 42.822 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF110101.D
Acq: 24 Oct 2018 2:05

Tgt Ion:184 Resp: 115112
Ion Ratio Lower Upper
184 100
63 69.0 55.8 83.6
154 66.9 63.2 94.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

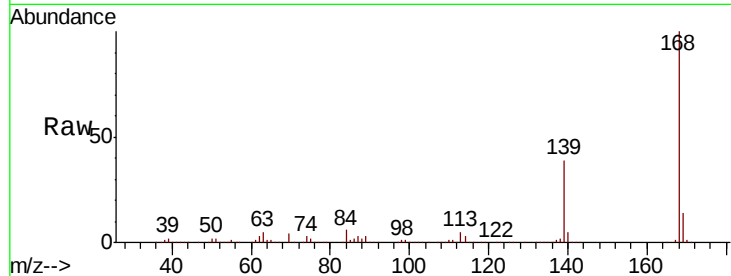




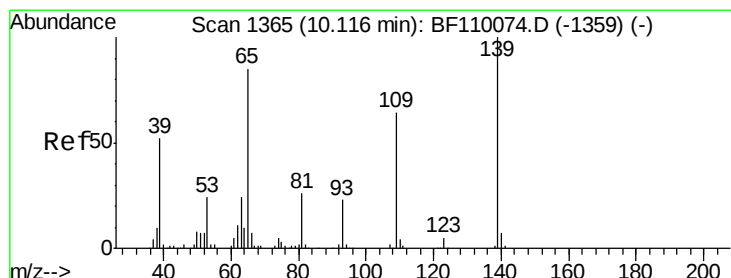
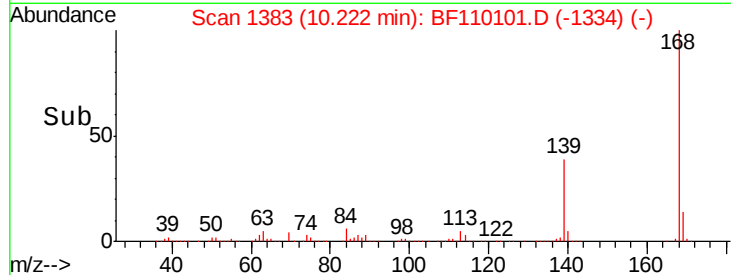
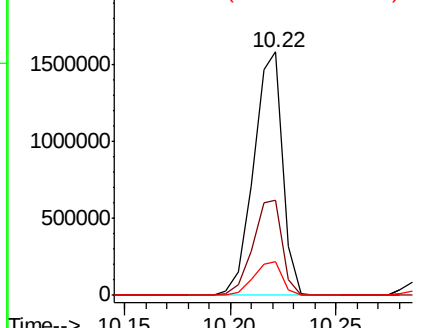
#55
Dibenzenofuran
Concen: 37.513 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF110101.D
Acq: 24 Oct 2018 2:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1508576
Ion Ratio Lower Upper
168 100
139 39.0 33.0 49.6
169 13.6 11.3 16.9

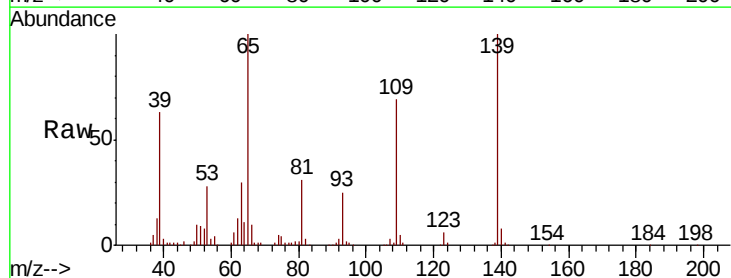


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

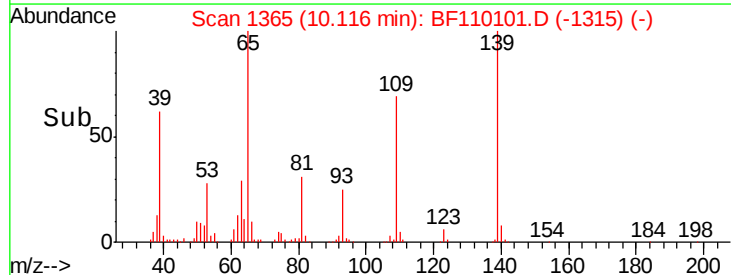
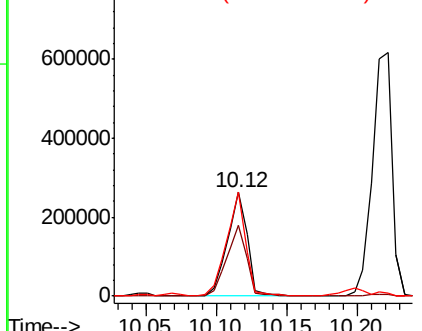


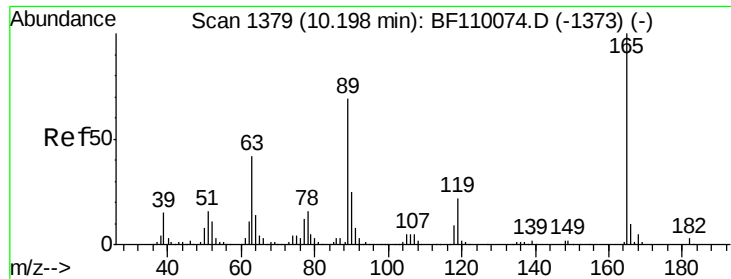
#56
4-Nitrophenol
Concen: 40.904 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF110101.D
Acq: 24 Oct 2018 2:05

Tgt Ion:139 Resp: 259419
Ion Ratio Lower Upper
139 100
109 68.6 55.8 95.8
65 100.1 77.9 117.9



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

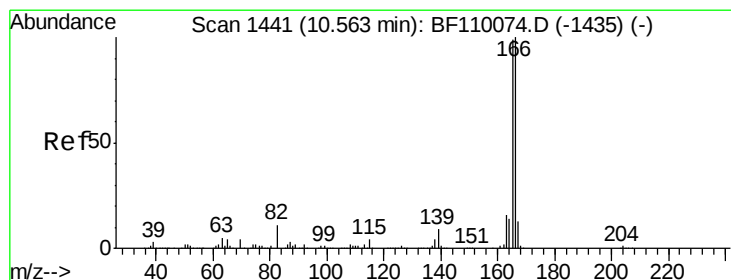
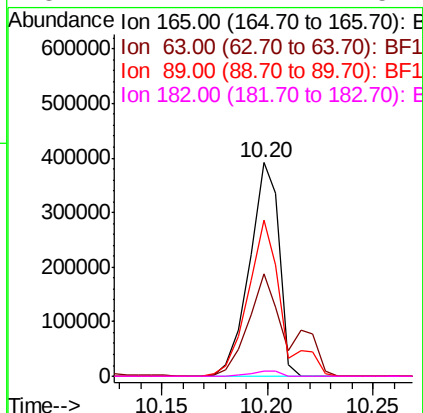
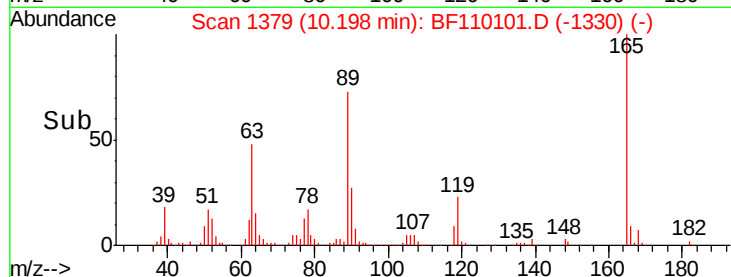
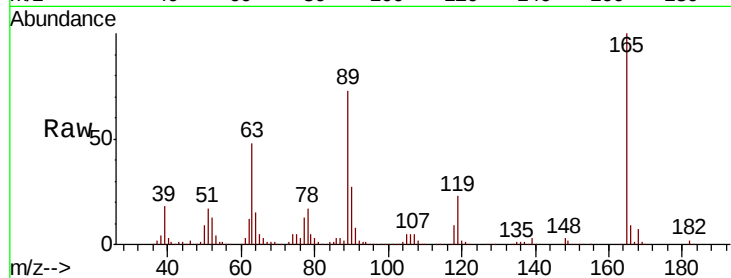




#57
2,4-Dinitrotoluene
Concen: 41.729 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF110101.D
Acq: 24 Oct 2018 2:05

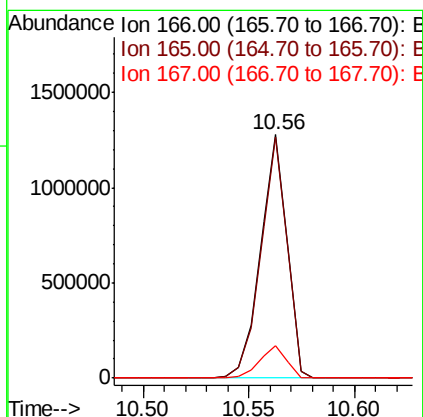
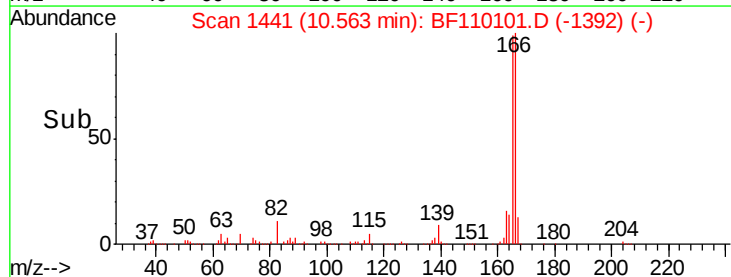
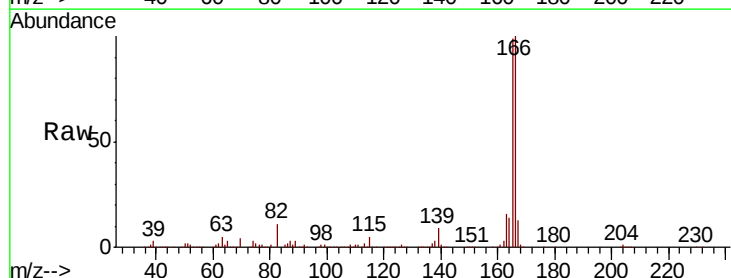
Instrument :
BNA_F
ClientSampled :

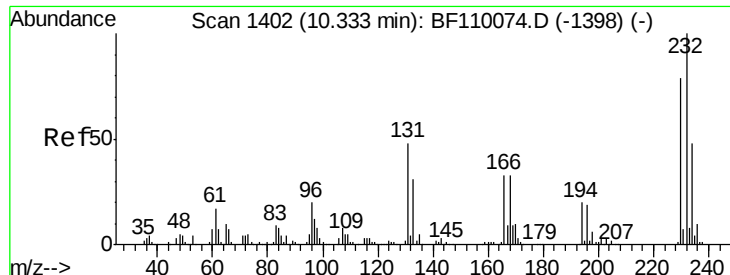
Tot Ion	Ratio	Lower	Upper
165	100		
63	48.0	44.8	67.2
89	73.2	62.2	93.4
182	2.4	2.1	3.1



#58
Fluorene
Concen: 37.046 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF110101.D
Acq: 24 Oct 2018 2:05

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.6	117.8
167	13.3	10.8	16.2

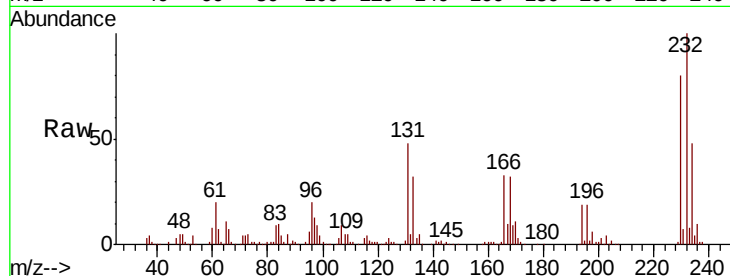




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.913 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF110101.D
 Acq: 24 Oct 2018 2:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	50.1	37.0	55.4
130	2.4	1.8	2.6
166	32.9	22.0	33.0



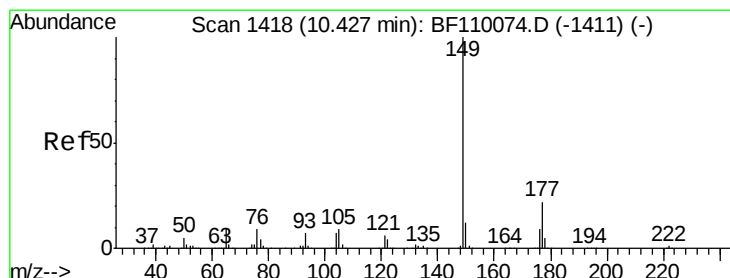
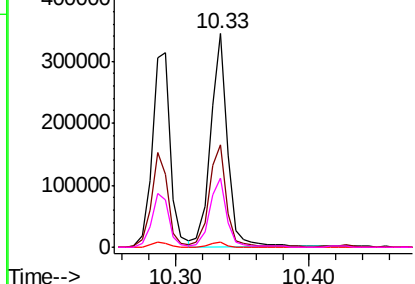
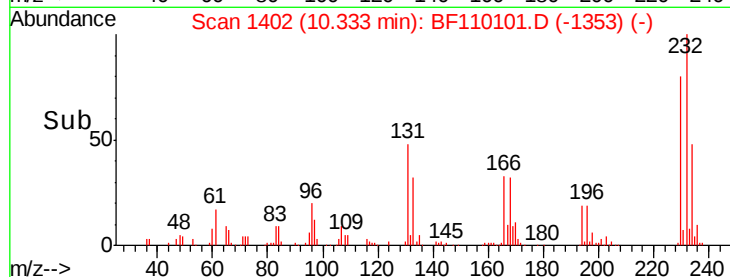
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

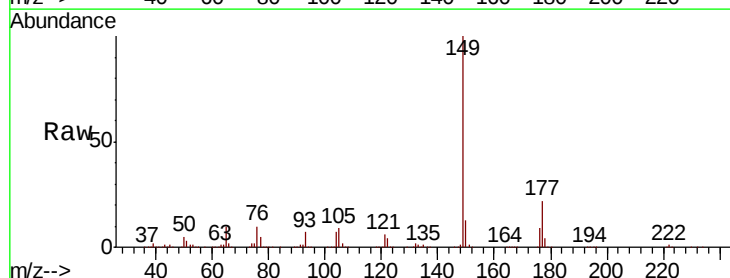
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 37.993 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BF110101.D
 Acq: 24 Oct 2018 2:05

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.4	26.2
150	12.7	9.8	14.8

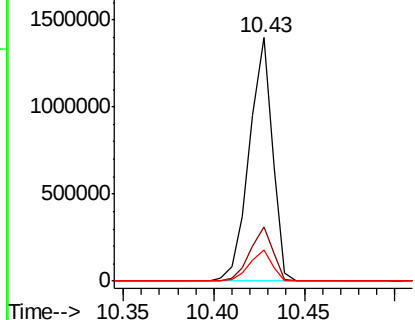
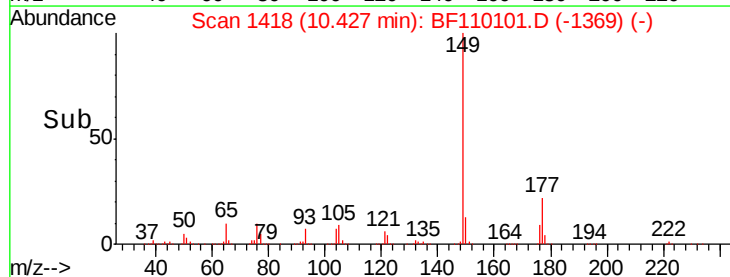


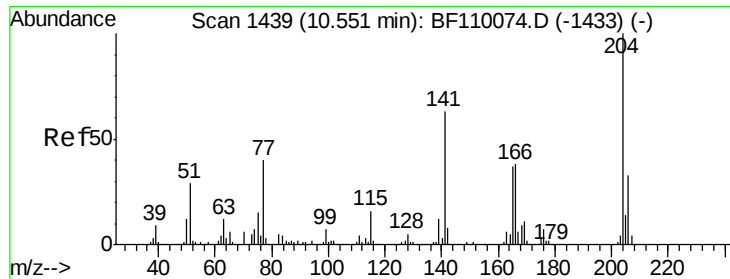
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

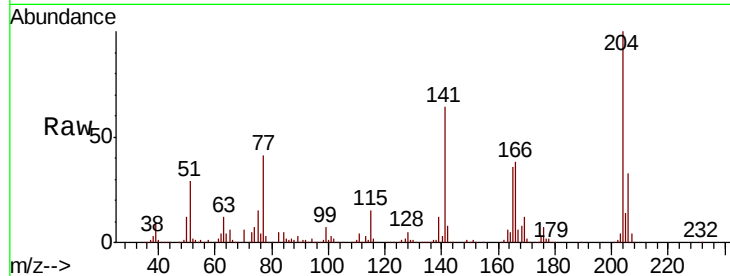




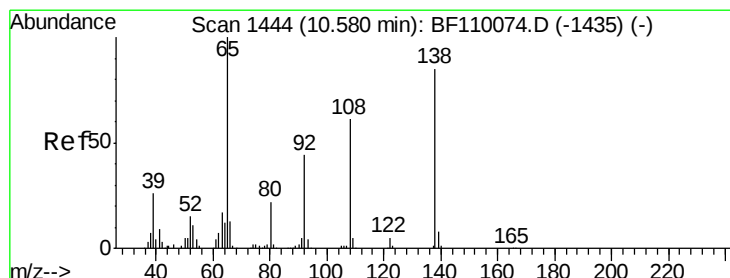
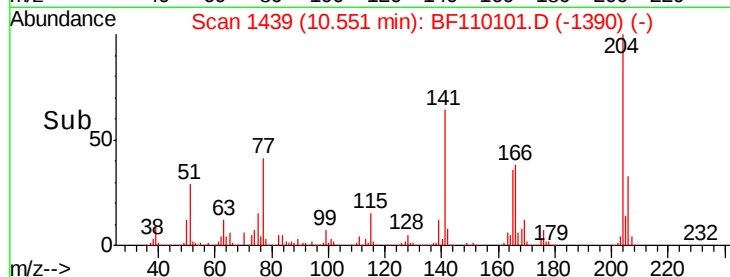
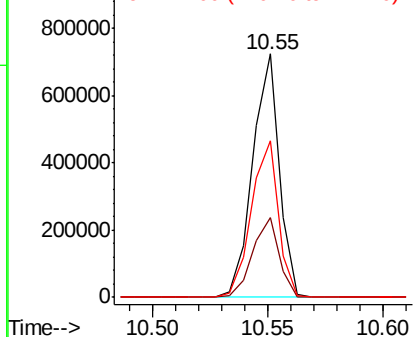
#61
 4-Chlorophenyl-phenylether
 Concen: 37.026 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF110101.D
 Acq: 24 Oct 2018 2:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.5	39.7
141	64.1	51.8	77.8

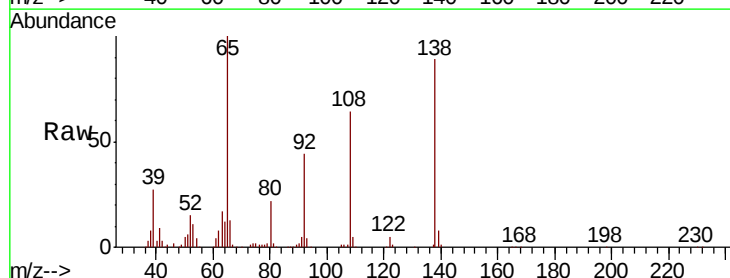


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

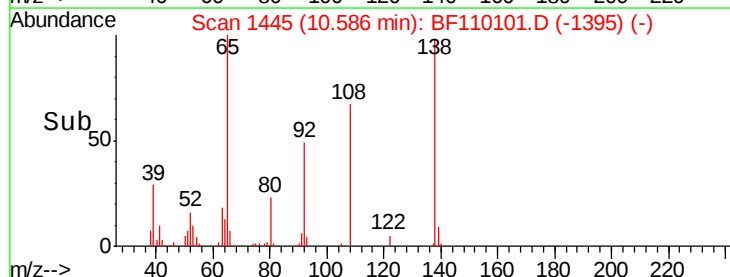
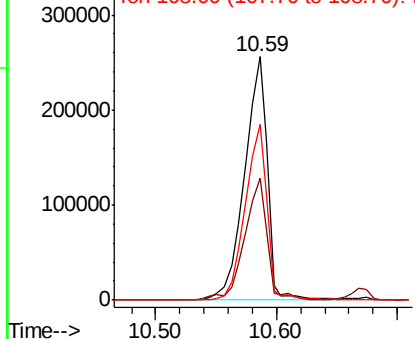


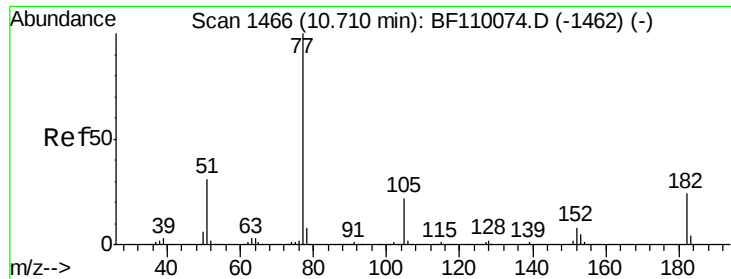
#62
 4-Nitroaniline
 Concen: 39.644 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF110101.D
 Acq: 24 Oct 2018 2:05

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.9	31.7	71.7
108	72.1	59.3	99.3



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

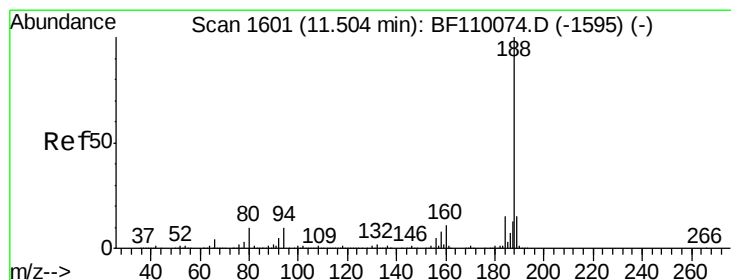
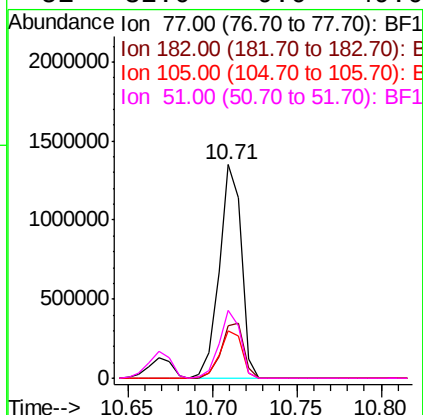
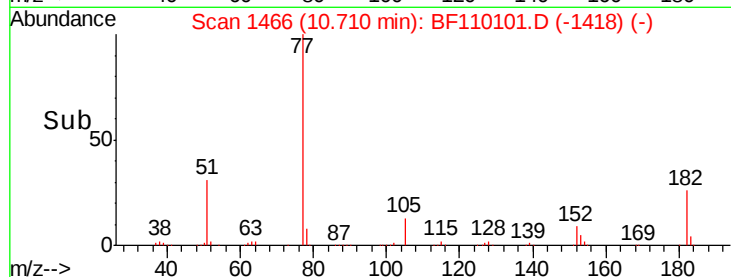
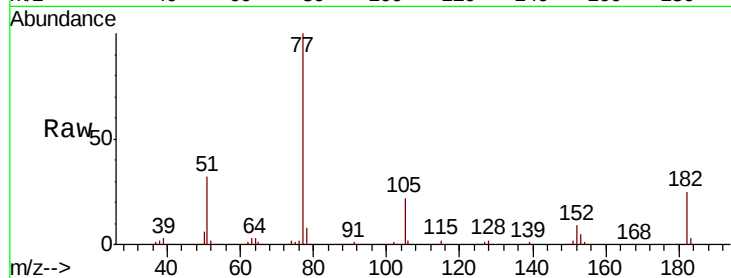




#63
Azobenzene
Concen: 37.853 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.02 min
Lab File: BF110101.D
Acq: 24 Oct 2018 2:05

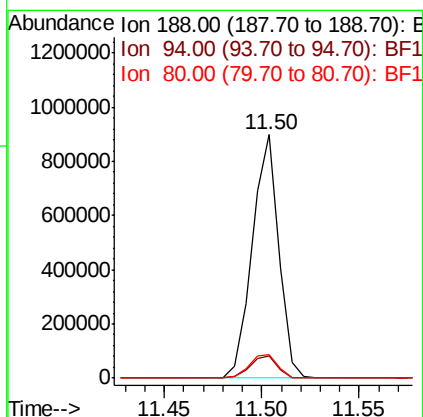
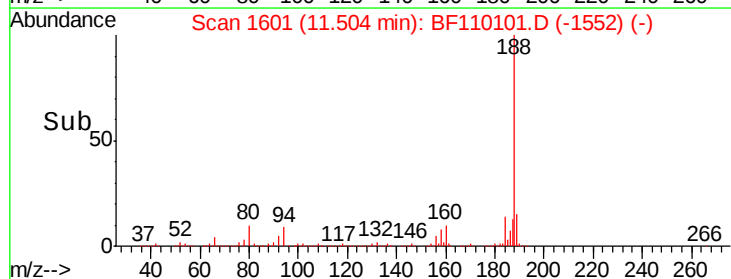
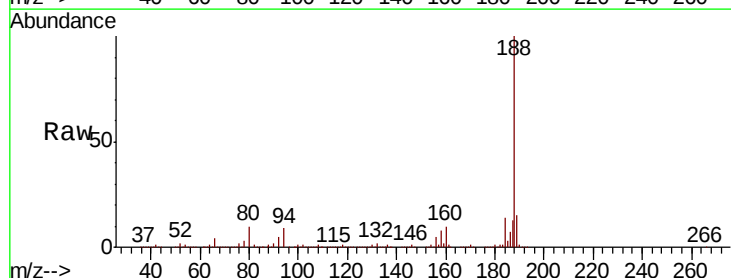
Instrument :
BNA_F
ClientSampleId :

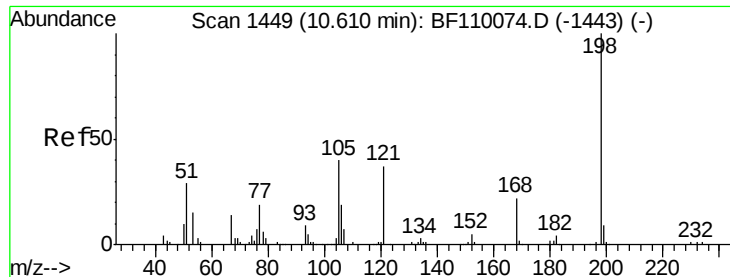
Tot Ion: 77 Resp: 1226945
Ion Ratio Lower Upper
77 100
182 24.8 4.3 44.3
105 22.4 1.3 41.3
51 32.0 9.0 49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110101.D
Acq: 24 Oct 2018 2:05

Tgt Ion: 188 Resp: 839351
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 9.8 7.9 11.9

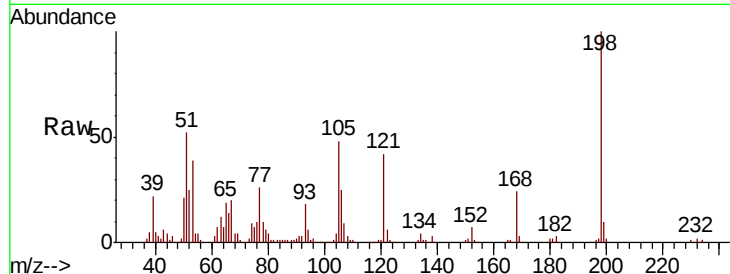




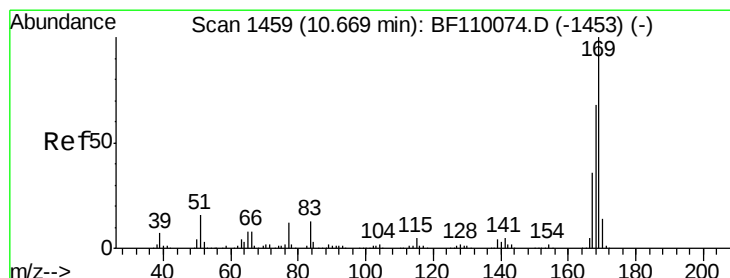
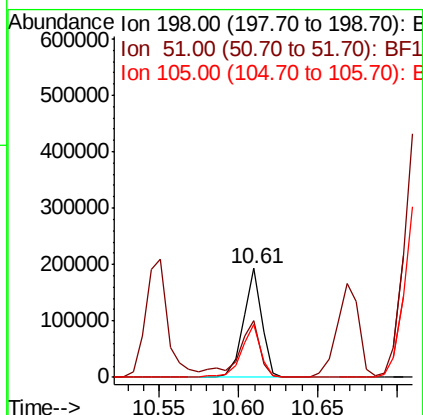
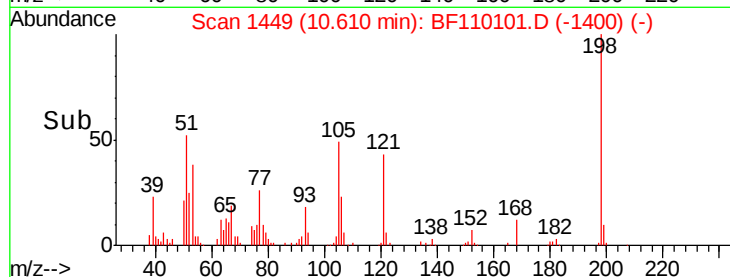
#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.316 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF110101.D
 Acq: 24 Oct 2018 2:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 154604
 Ion Ratio Lower Upper
 198 100
 51 51.6 22.8 62.8
 105 48.2 23.6 63.6

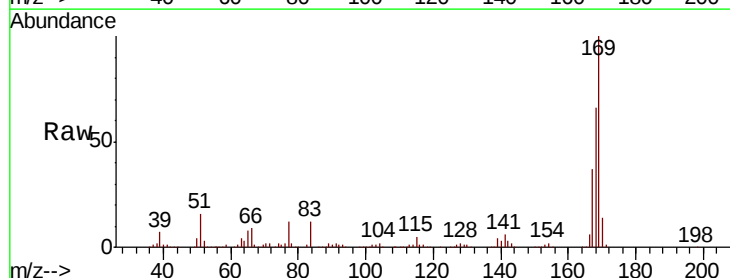


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

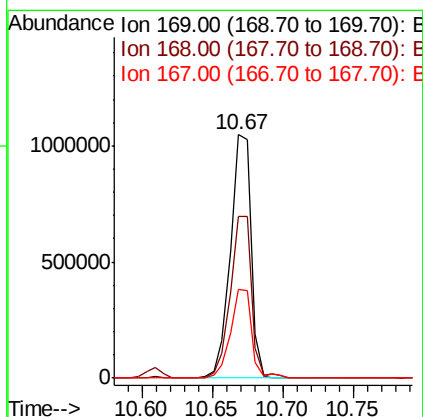
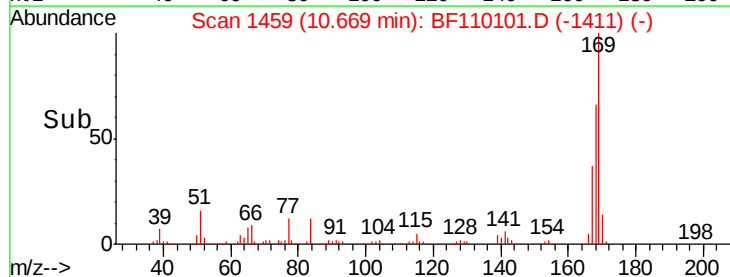


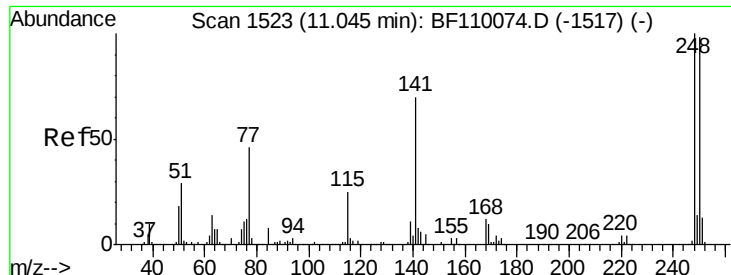
#66
 n-Nitrosodiphenylamine
 Concen: 38.705 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.02 min
 Lab File: BF110101.D
 Acq: 24 Oct 2018 2:05

Tgt Ion:169 Resp: 1065567
 Ion Ratio Lower Upper
 169 100
 168 66.4 51.2 76.8
 167 36.5 27.8 41.6



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

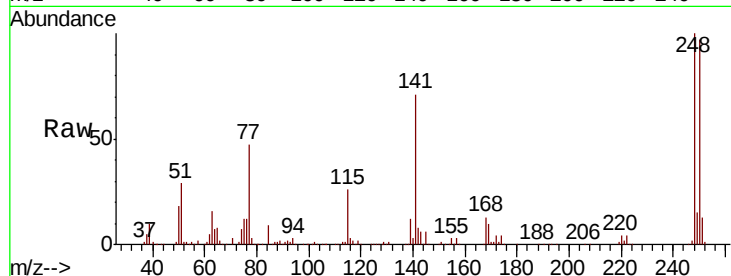




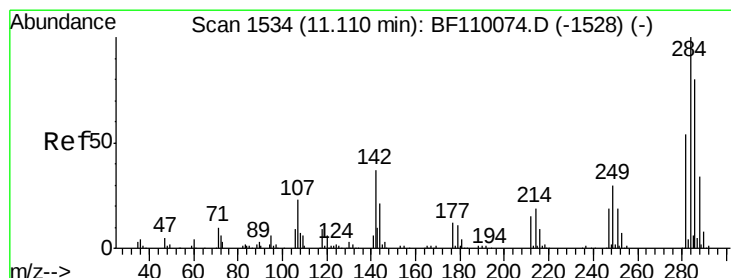
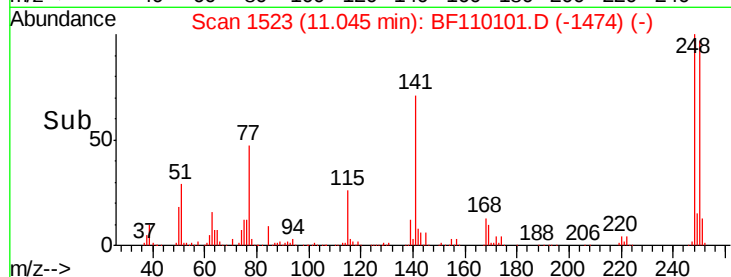
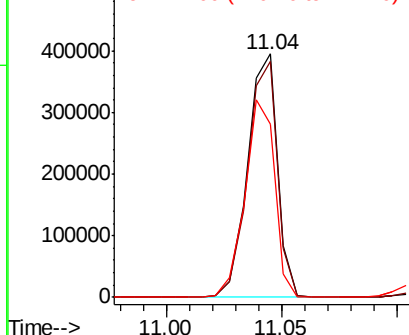
#67
4-Bromophenyl-phenylether
Concen: 39.285 ng
RT: 11.04 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF110101.D
Acq: 24 Oct 2018 2:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 357673
Ion Ratio Lower Upper
248 100
250 97.0 79.4 119.2
141 71.2 55.9 83.9

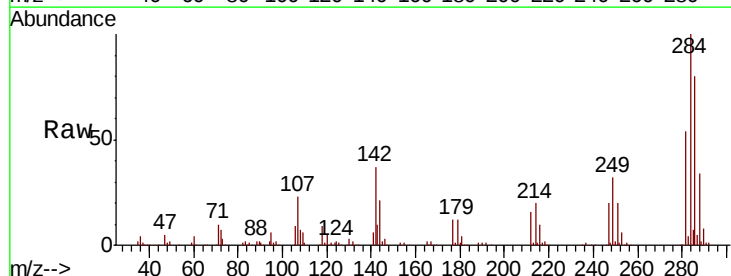


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

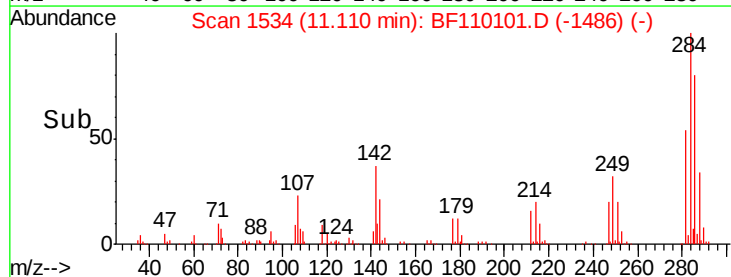
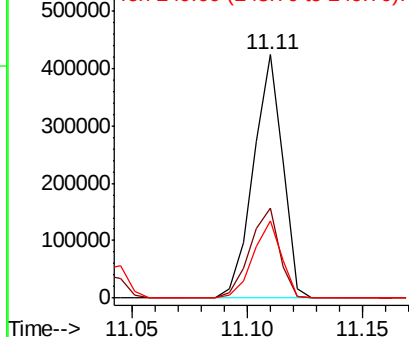


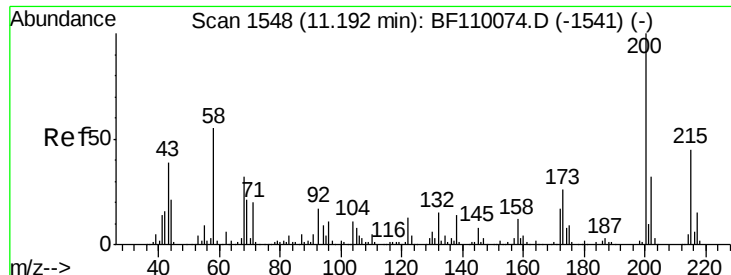
#68
Hexachlorobenzene
Concen: 38.906 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.02 min
Lab File: BF110101.D
Acq: 24 Oct 2018 2:05

Tgt Ion:284 Resp: 375841
Ion Ratio Lower Upper
284 100
142 36.8 23.9 35.9#
249 31.6 24.2 36.2



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

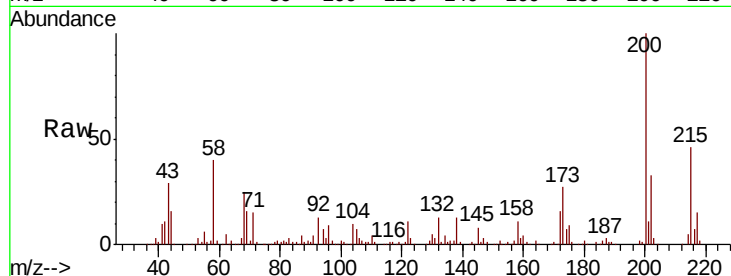




#69
 Atrazine
 Concen: 38.568 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF110101.D
 Acq: 24 Oct 2018 2:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.5	6.6	46.6
215	46.5	26.3	66.3

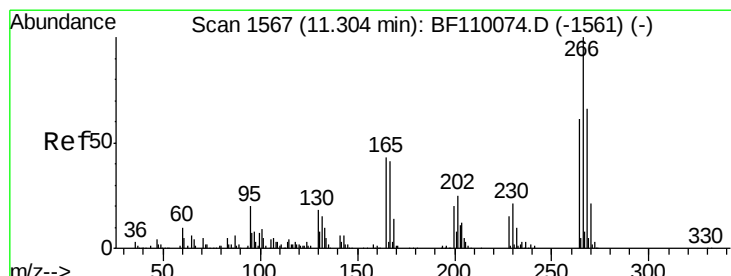
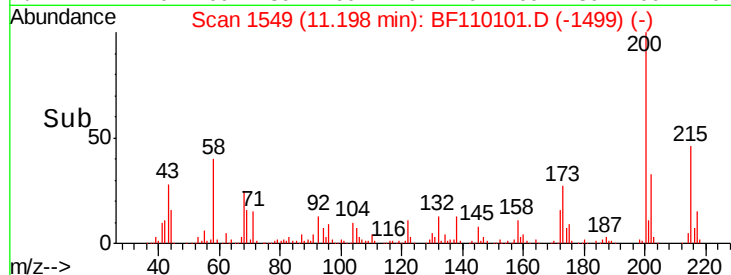
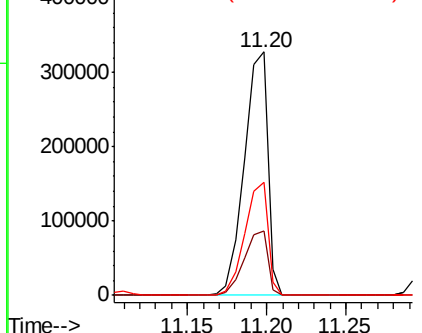


Abundance

Ion 200.00 (199.70 to 200.70): E

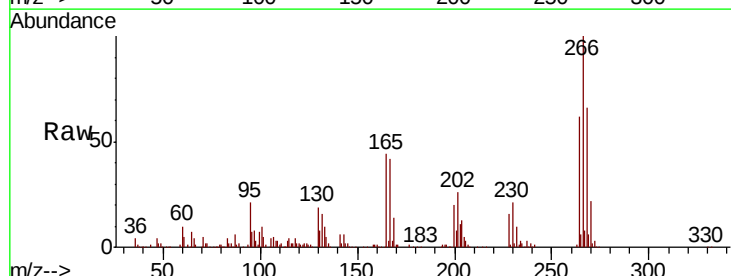
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 43.786 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF110101.D
 Acq: 24 Oct 2018 2:05

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.2	50.6	75.8
264	62.1	50.6	75.8

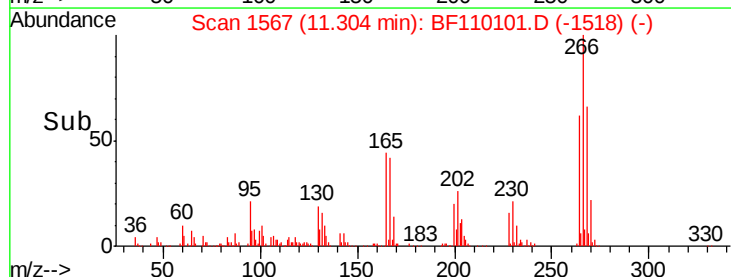
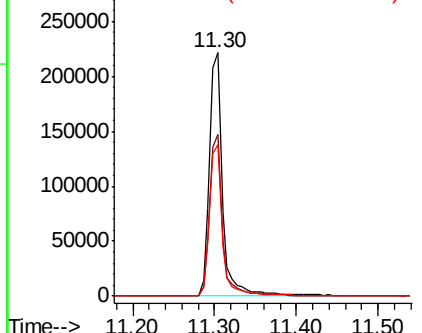


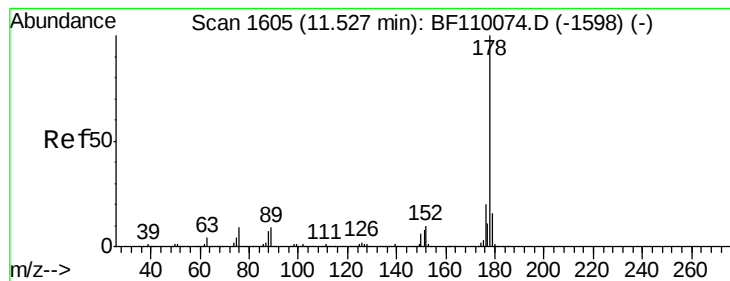
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 37.574 ng

RT: 11.53 min Scan# 1605

Delta R.T. -0.02 min

Lab File: BF110101.D

Acq: 24 Oct 2018 2:05

Instrument :

BNA_F

ClientSampled :

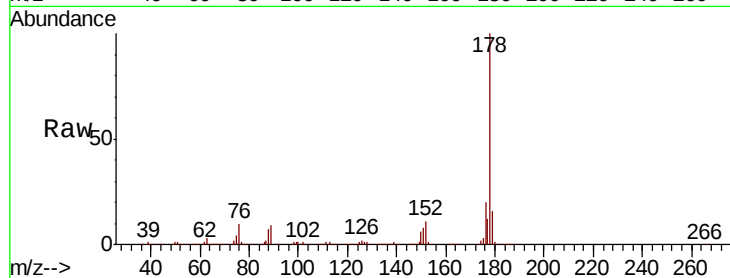
Tot Ion:178 Resp: 1650213

Ion Ratio Lower Upper

178 100

176 20.1 15.5 23.3

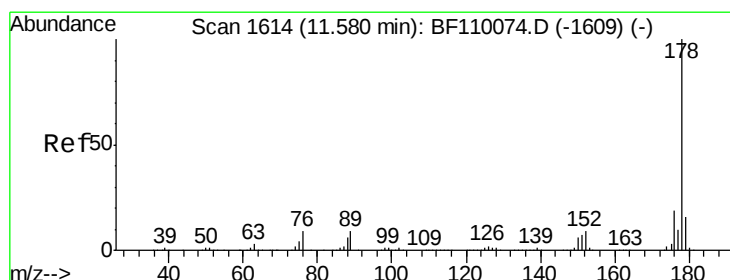
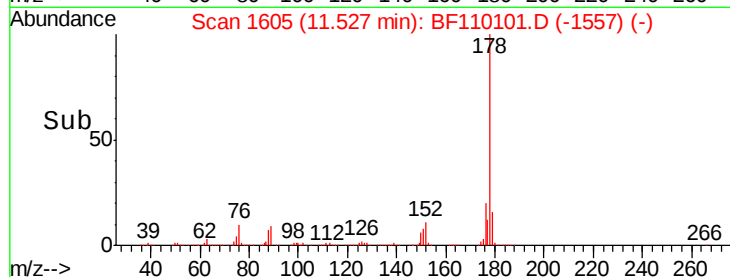
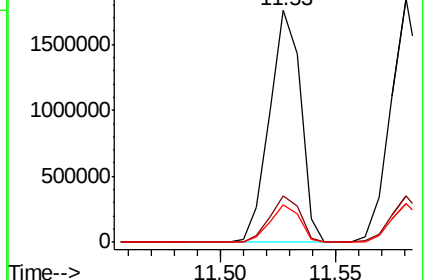
179 16.2 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.142 ng

RT: 11.58 min Scan# 1614

Delta R.T. -0.02 min

Lab File: BF110101.D

Acq: 24 Oct 2018 2:05

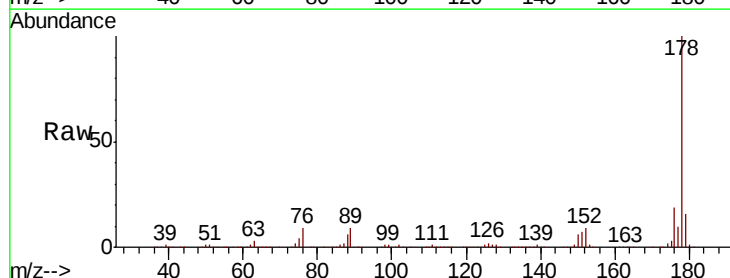
Tgt Ion:178 Resp: 1679068

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

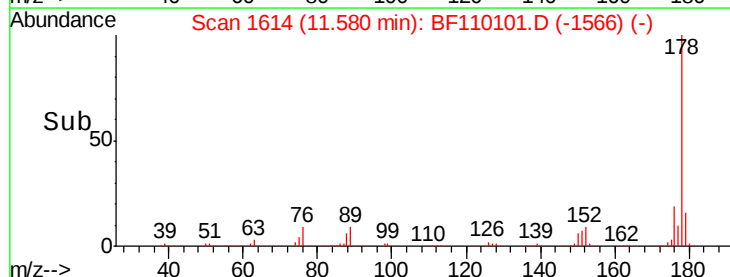
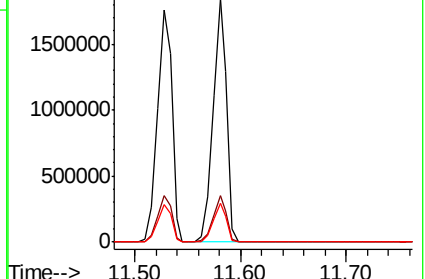
179 15.9 12.6 18.8

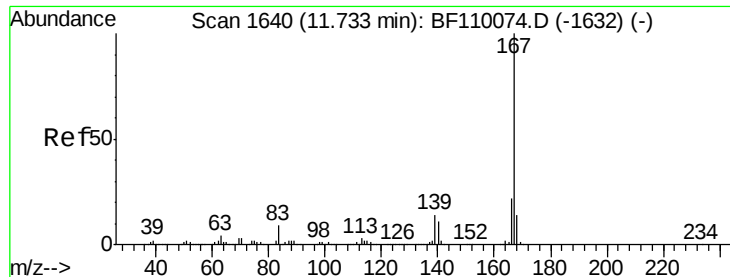


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



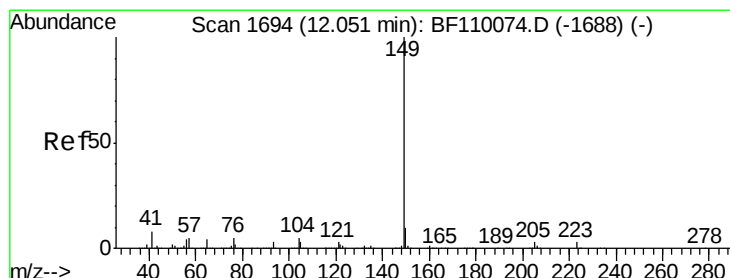
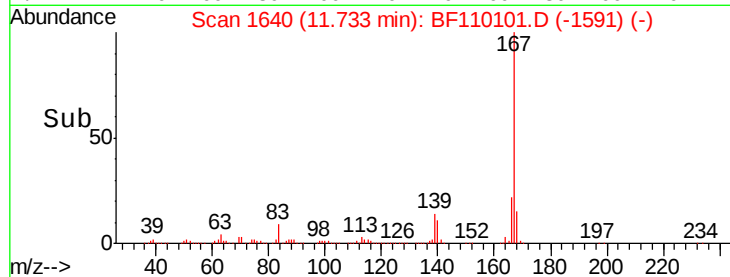
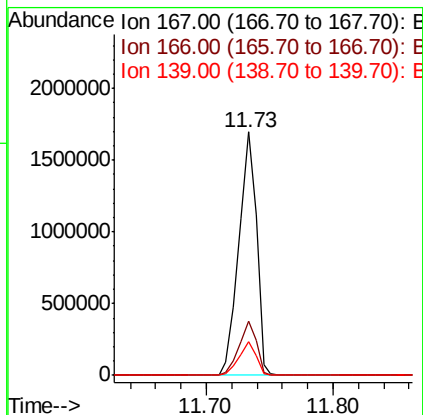
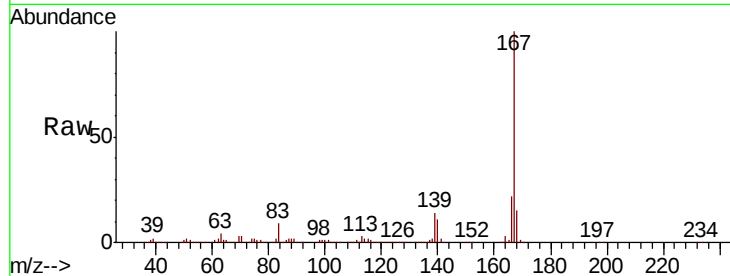


#73
 Carbazole
 Concen: 37.584 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BF110101.D
 Acq: 24 Oct 2018 2:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1615449

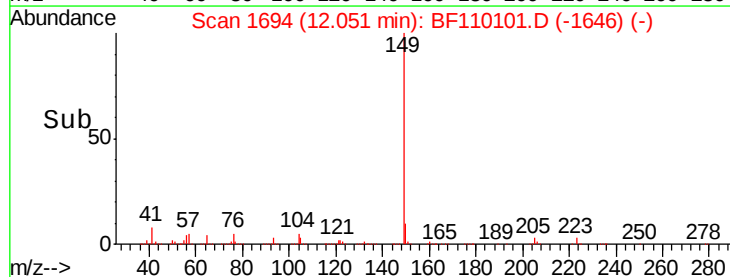
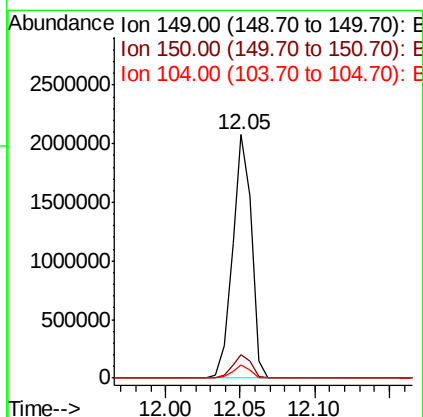
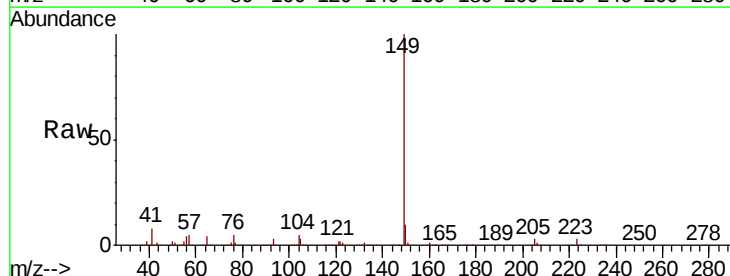
Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.4	26.0
139	13.9	10.9	16.3

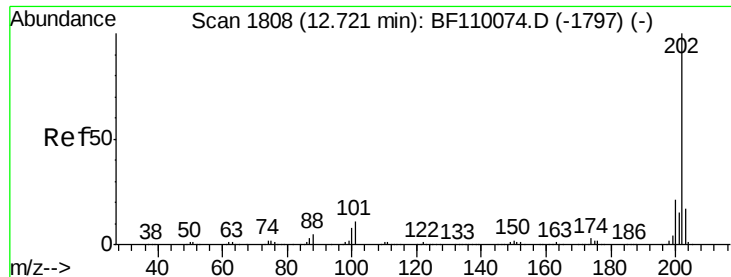


#74
 Di-n-butylphthalate
 Concen: 38.120 ng
 RT: 12.05 min Scan# 1694
 Delta R.T. -0.02 min
 Lab File: BF110101.D
 Acq: 24 Oct 2018 2:05

Tgt Ion:149 Resp: 1850509

Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	5.4	4.2	6.4

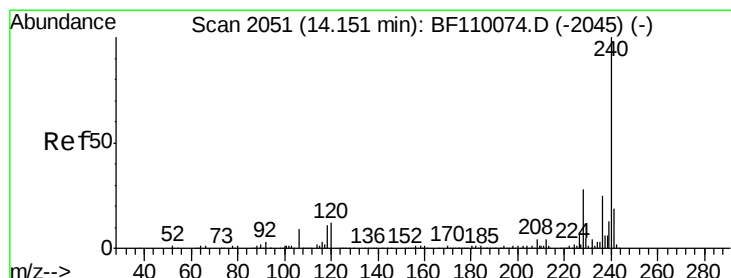
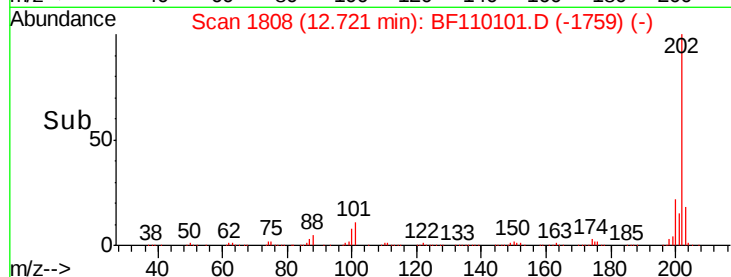
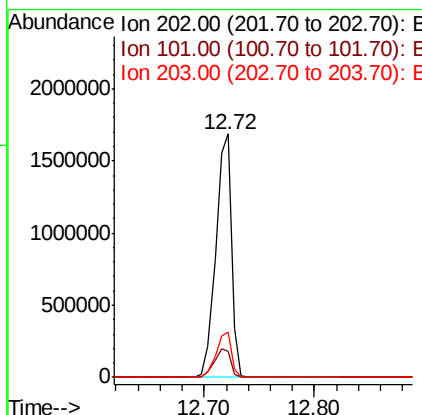
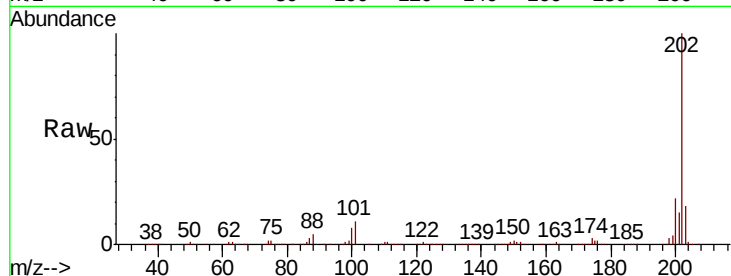




#75
 Fluoranthene
 Concen: 36.978 ng
 RT: 12.72 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BF110101.D
 Acq: 24 Oct 2018 2:05

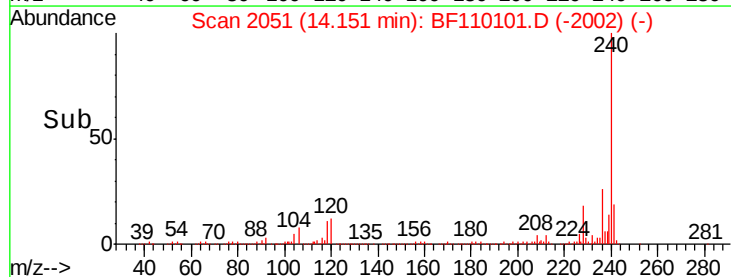
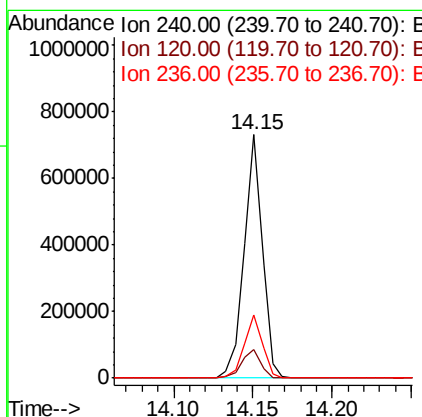
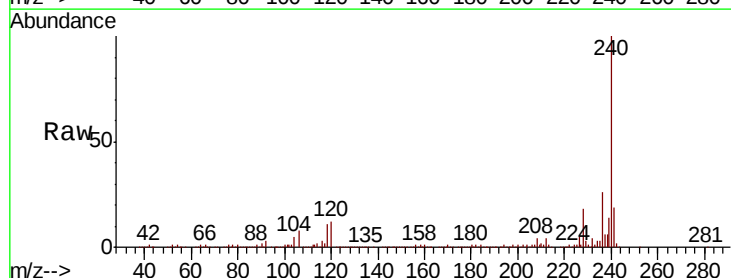
Instrument :
 BNA_F
 ClientSampled :

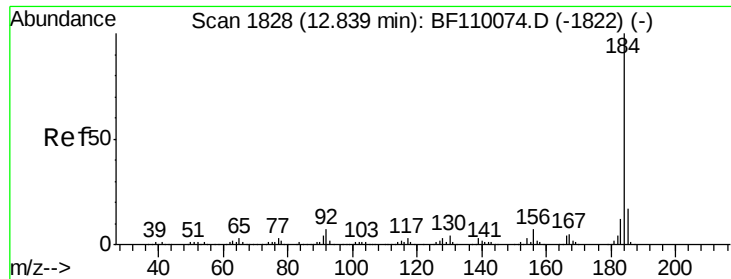
Tot Ion:202 Resp: 1648189
 Ion Ratio Lower Upper
 202 100
 101 10.6 0.0 31.4
 203 18.4 0.0 37.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BF110101.D
 Acq: 24 Oct 2018 2:05

Tgt Ion:240 Resp: 583195
 Ion Ratio Lower Upper
 240 100
 120 12.0 8.3 12.5
 236 26.2 21.2 31.8





#77

Benzidine

Concen: 39.410 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF110101.D

Acq: 24 Oct 2018 2:05

Instrument :

BNA_F

ClientSampled :

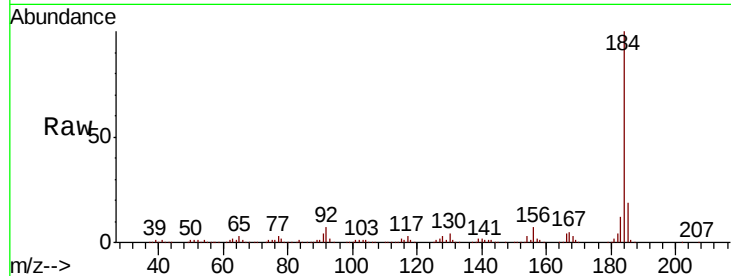
Tot Ion:184 Resp: 687022

Ion Ratio Lower Upper

184 100

185 18.6 13.4 20.2

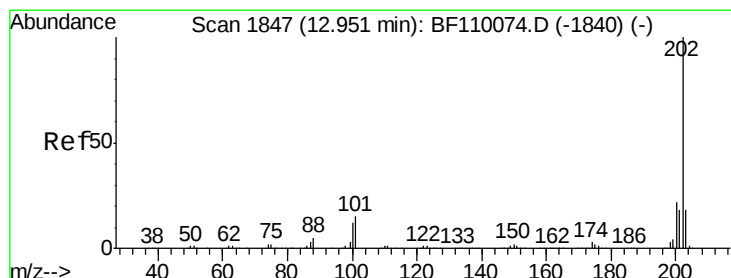
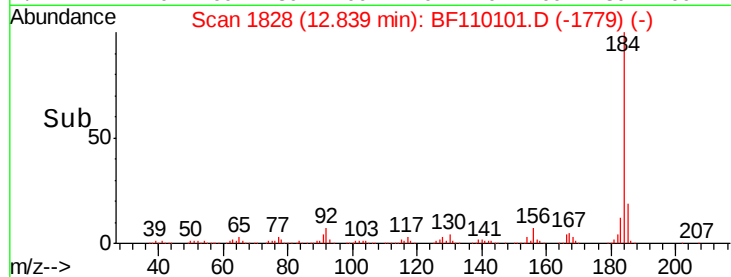
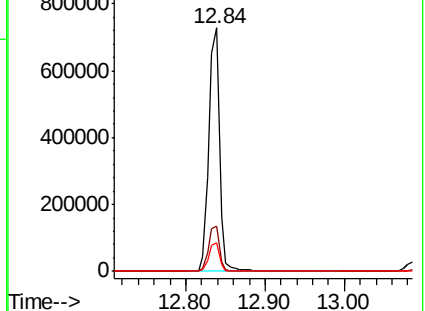
183 12.0 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.565 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BF110101.D

Acq: 24 Oct 2018 2:05

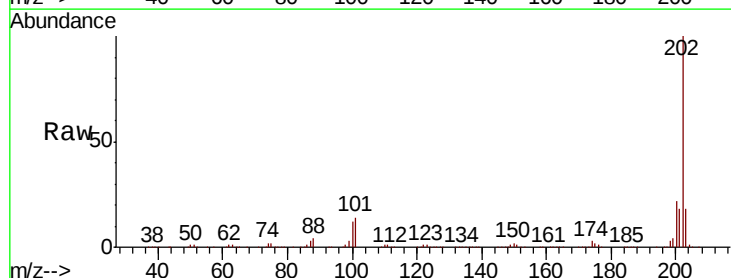
Tgt Ion:202 Resp: 1696040

Ion Ratio Lower Upper

202 100

200 21.7 17.8 26.6

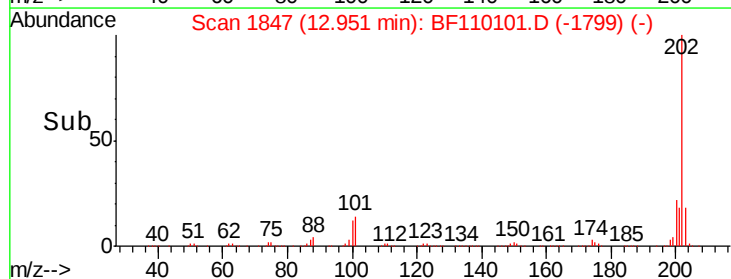
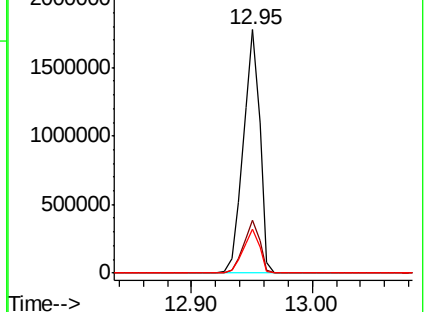
203 17.8 14.2 21.4

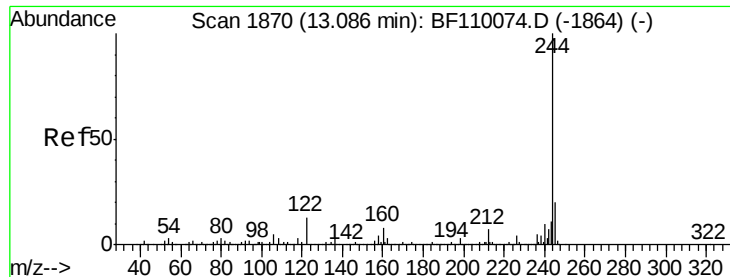


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.785 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110101.D

Acq: 24 Oct 2018 2:05

Instrument :

BNA_F

ClientSampled :

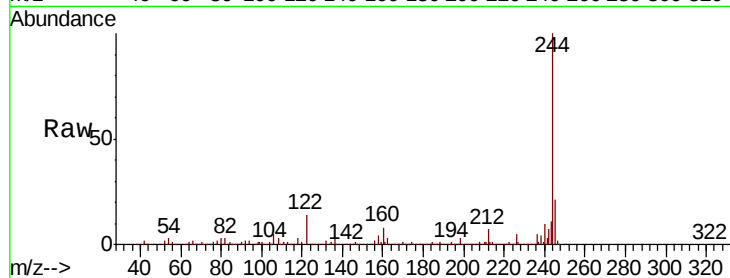
Tot Ion:244 Resp: 2181251

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

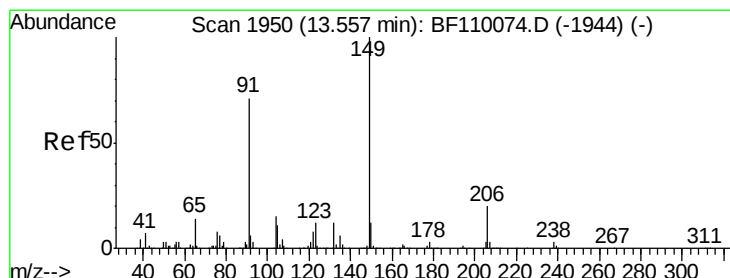
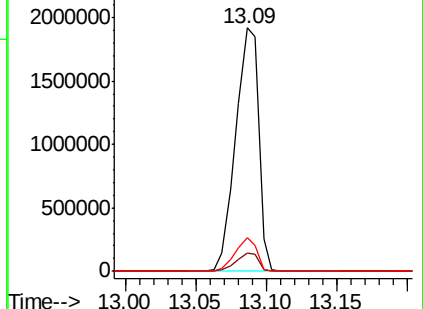
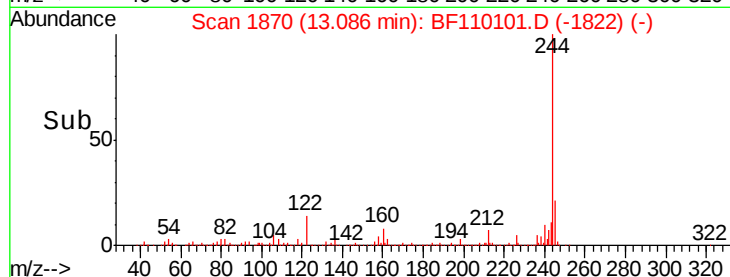
122 13.7 8.7 13.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.538 ng

RT: 13.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BF110101.D

Acq: 24 Oct 2018 2:05

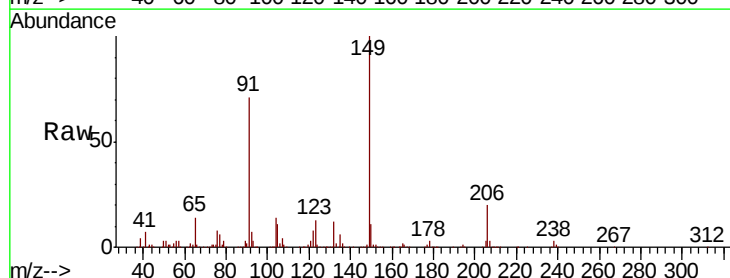
Tgt Ion:149 Resp: 753799

Ion Ratio Lower Upper

149 100

91 70.6 57.2 85.8

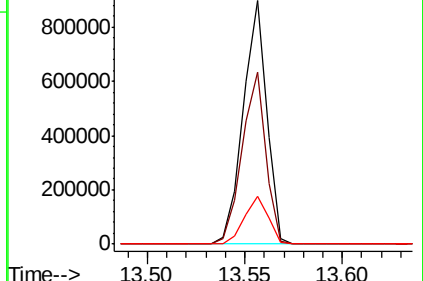
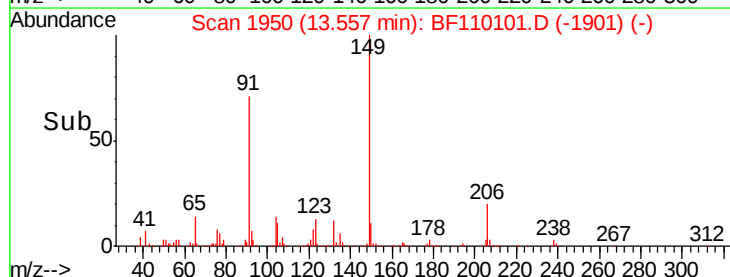
206 19.8 15.7 23.5

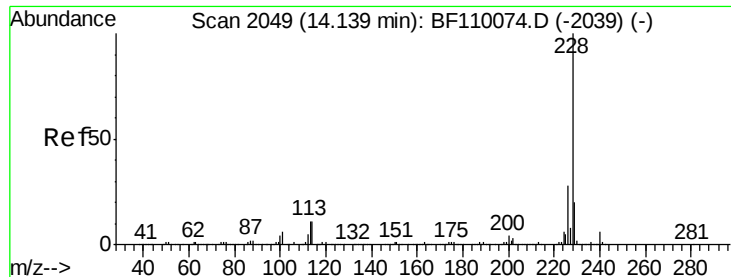


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.180 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF110101.D

Acq: 24 Oct 2018 2:05

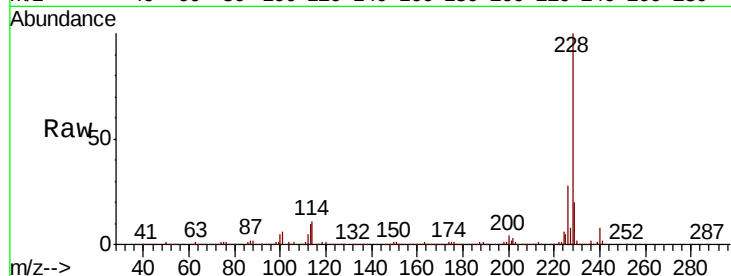
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1355038

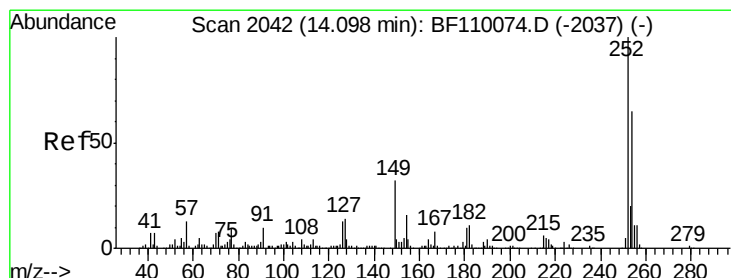
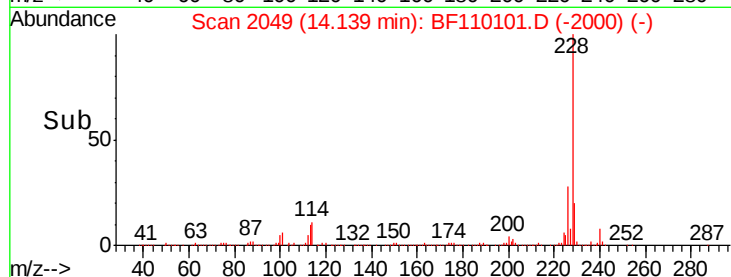
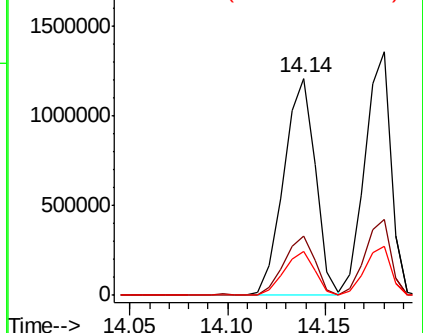
Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.1	33.1
229	20.2	15.6	23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.021 ng

RT: 14.10 min Scan# 2042

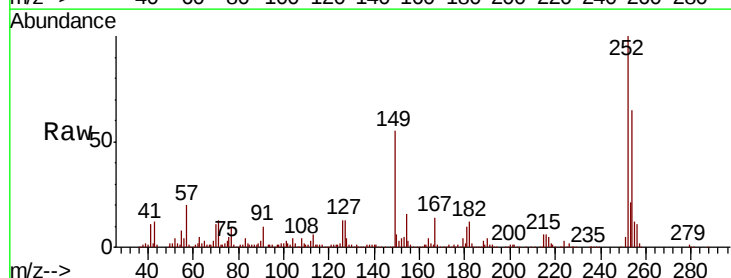
Delta R.T. -0.01 min

Lab File: BF110101.D

Acq: 24 Oct 2018 2:05

Tgt Ion:252 Resp: 445846

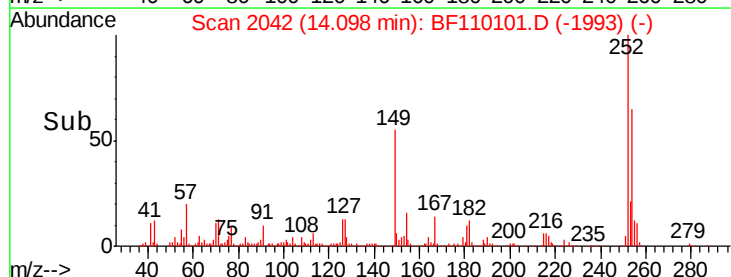
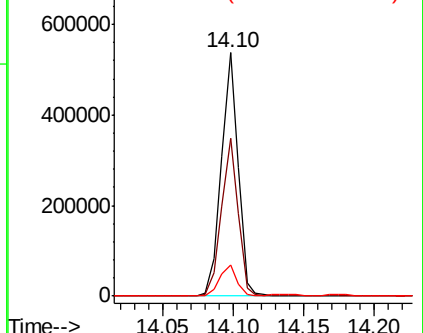
Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.3	76.9
126	13.0	9.4	14.2

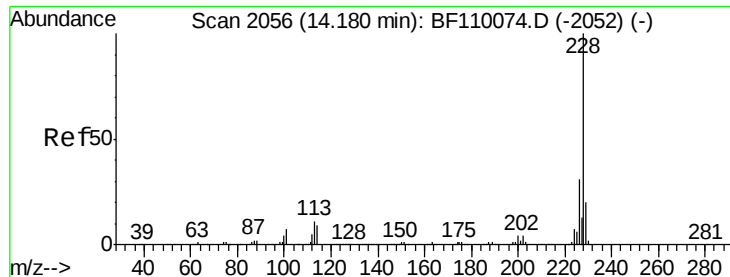


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.226 ng

RT: 14.18 min Scan# 2056

Delta R.T. -0.01 min

Lab File: BF110101.D

Acq: 24 Oct 2018 2:05

Instrument :

BNA_F

ClientSampleId :

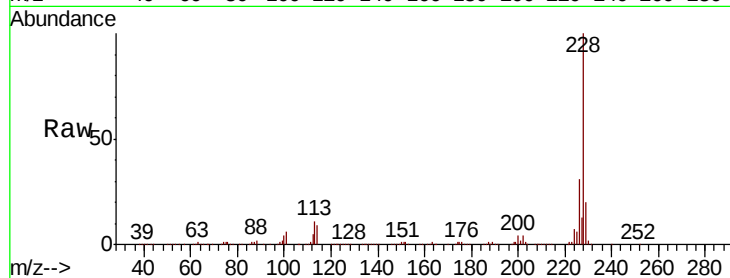
Tot Ion:228 Resp: 1255664

Ion Ratio Lower Upper

228 100

226 31.2 24.7 37.1

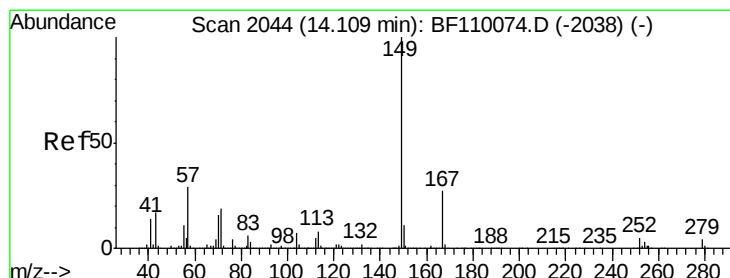
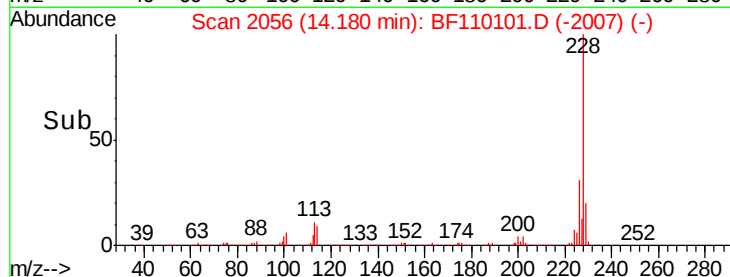
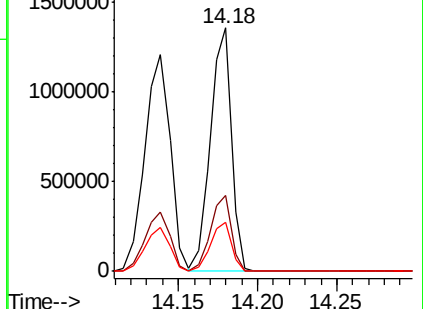
229 20.0 15.9 23.9



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.328 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.02 min

Lab File: BF110101.D

Acq: 24 Oct 2018 2:05

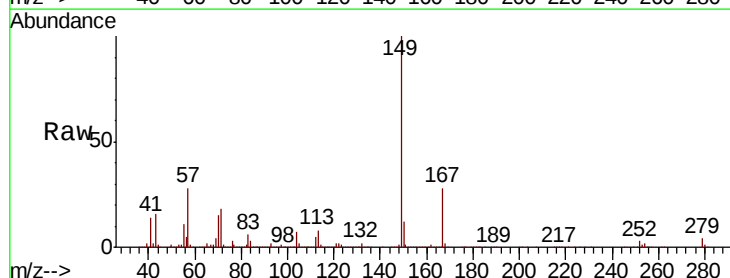
Tgt Ion:149 Resp: 989315

Ion Ratio Lower Upper

149 100

167 27.7 19.8 29.8

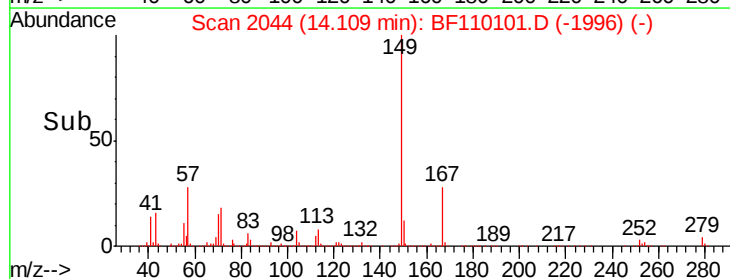
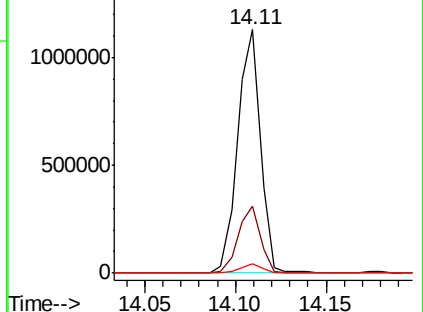
279 4.1 2.7 4.1

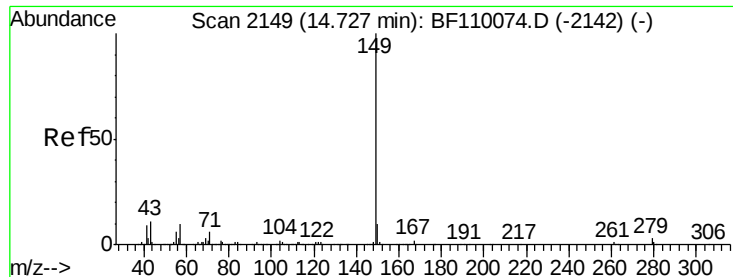


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

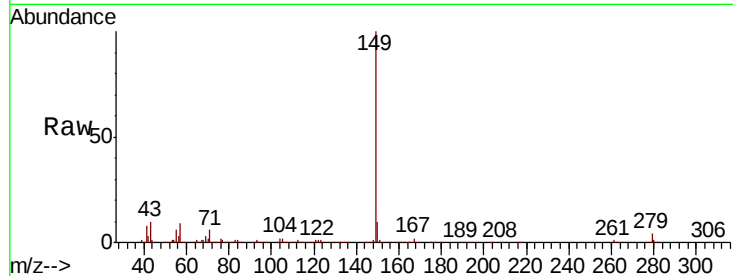




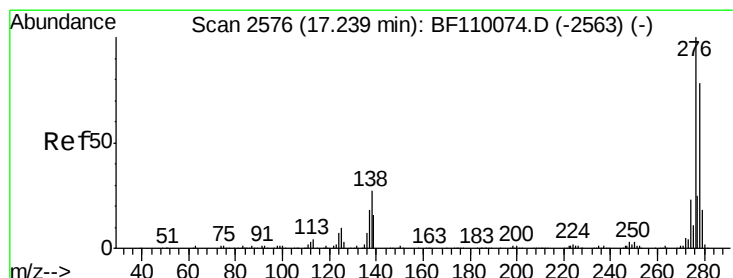
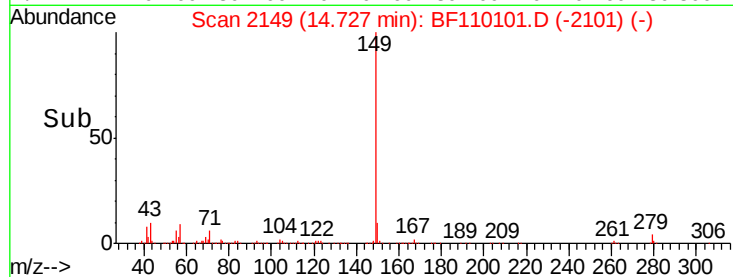
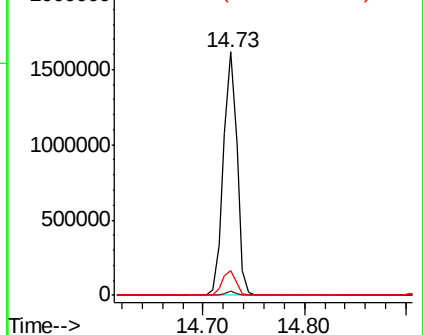
#85
Di-n-octyl phthalate
Concen: 39.567 ng
RT: 14.73 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BF110101.D
Acq: 24 Oct 2018 2:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1509290
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 10.5 7.8 11.8

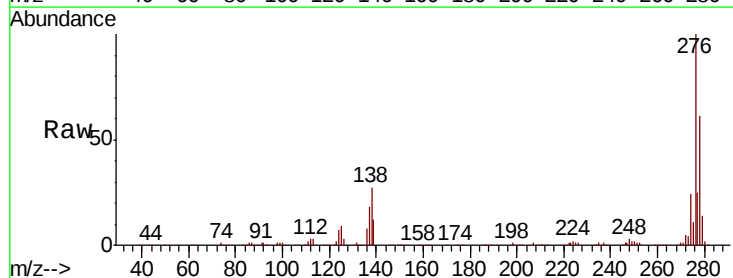


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

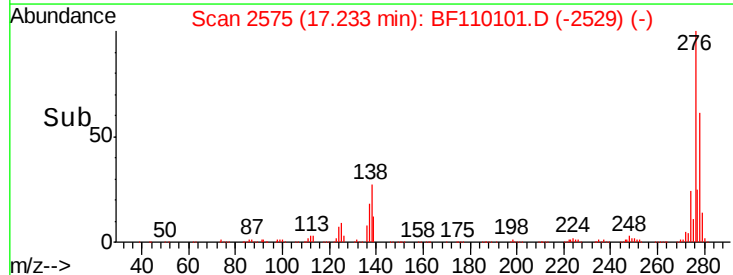
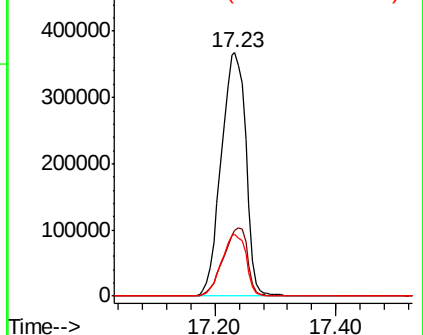


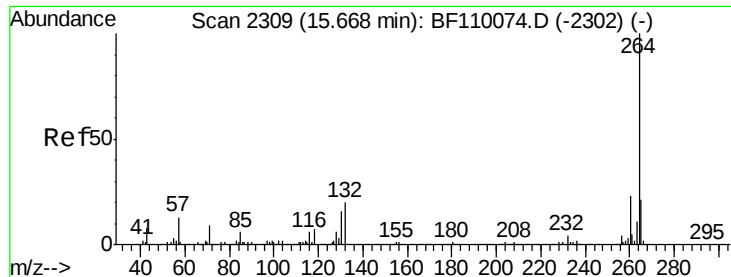
#86
Indeno(1,2,3-cd)pyrene
Concen: 38.310 ng
RT: 17.23 min Scan# 2575
Delta R.T. -0.03 min
Lab File: BF110101.D
Acq: 24 Oct 2018 2:05

Tgt Ion:276 Resp: 1044000
Ion Ratio Lower Upper
276 100
138 27.6 18.5 27.7
277 25.2 20.0 30.0



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

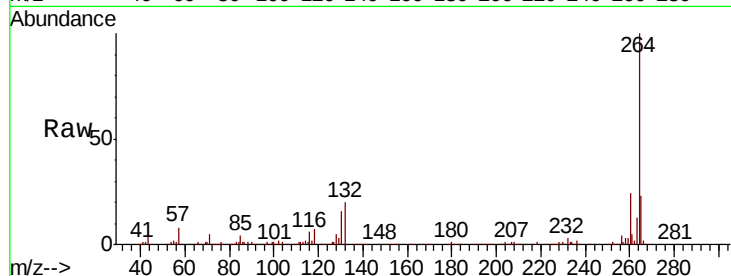




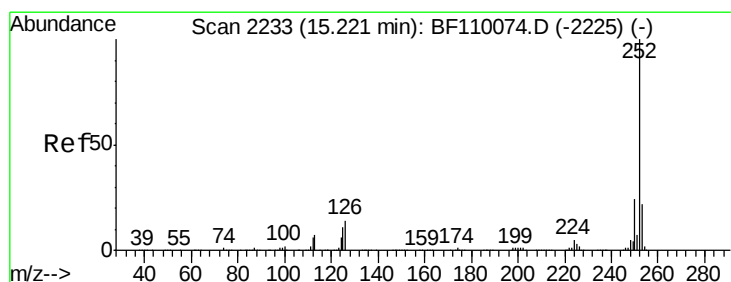
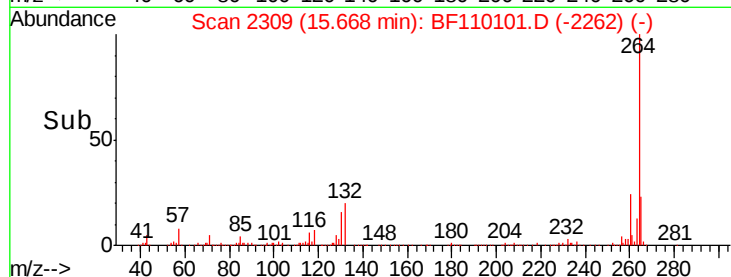
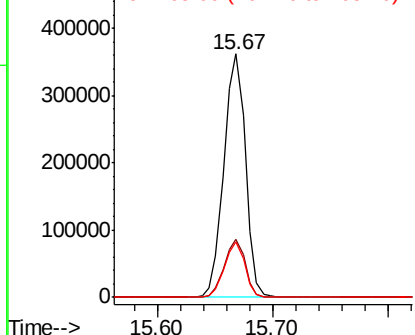
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. -0.02 min
Lab File: BF110101.D
Acq: 24 Oct 2018 2:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 468728
Ion Ratio Lower Upper
264 100
260 24.0 18.7 28.1
265 22.6 16.7 25.1

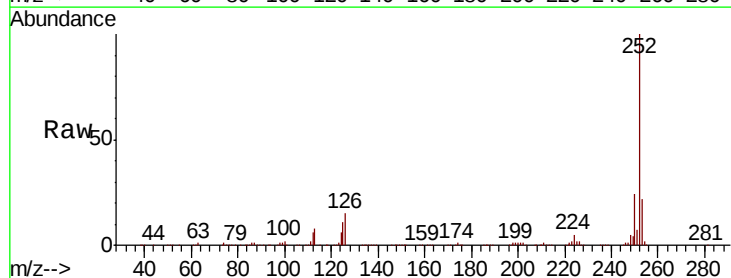


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

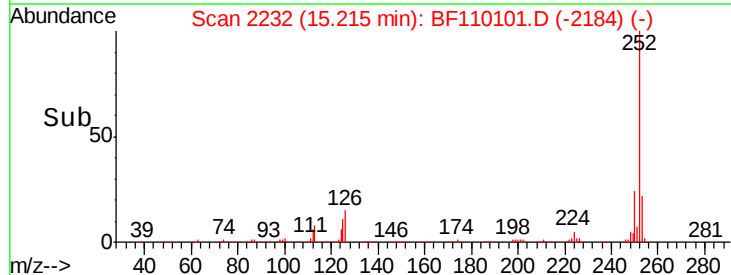
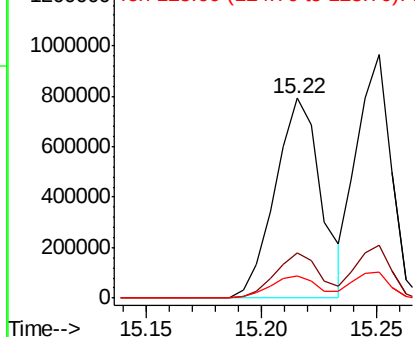


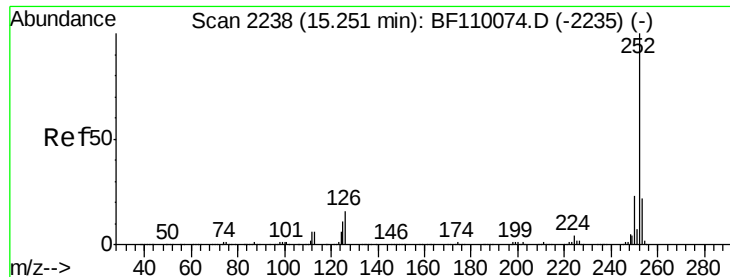
#88
Benzo(b)fluoranthene
Concen: 40.496 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BF110101.D
Acq: 24 Oct 2018 2:05

Tgt Ion:252 Resp: 1096106
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 11.2 8.2 12.4



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





#89

Benzo(k)fluoranthene

Concen: 37.565 ng

RT: 15.25 min Scan# 2238

Delta R.T. -0.02 min

Lab File: BF110101.D

Acq: 24 Oct 2018 2:05

Instrument :

BNA_F

ClientSampleId :

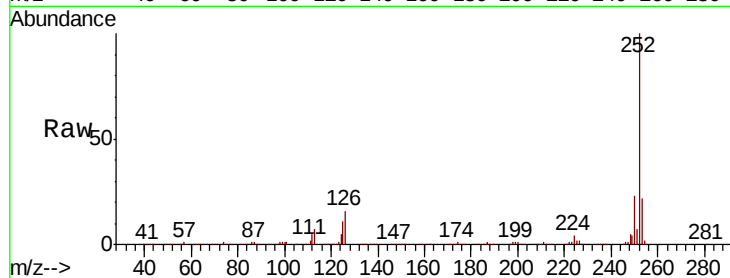
Tot Ion:252 Resp: 999598

Ion Ratio Lower Upper

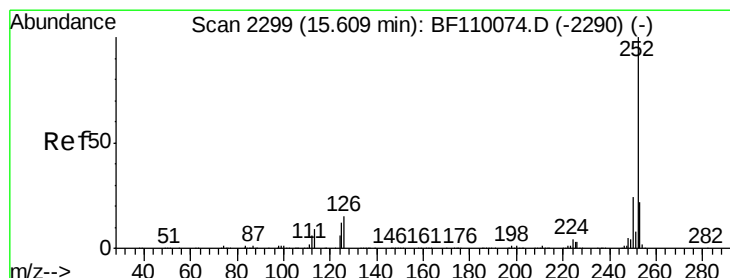
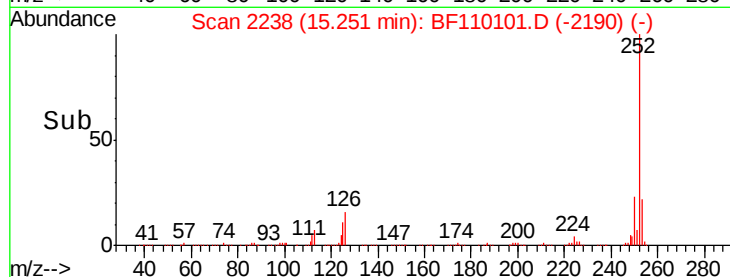
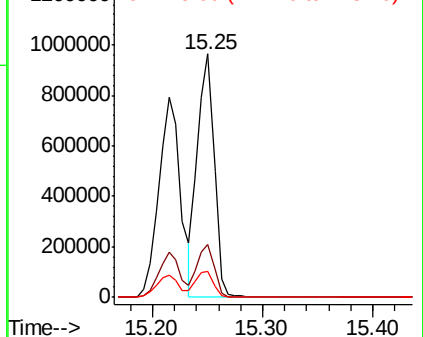
252 100

253 22.0 17.2 25.8

125 10.9 7.4 11.0



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



#90

Benzo(a)pyrene

Concen: 38.799 ng

RT: 15.60 min Scan# 2298

Delta R.T. -0.02 min

Lab File: BF110101.D

Acq: 24 Oct 2018 2:05

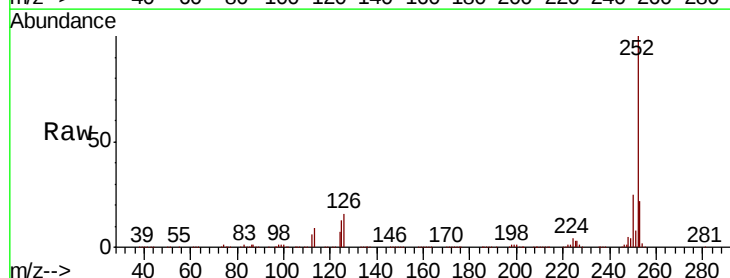
Tgt Ion:252 Resp: 966350

Ion Ratio Lower Upper

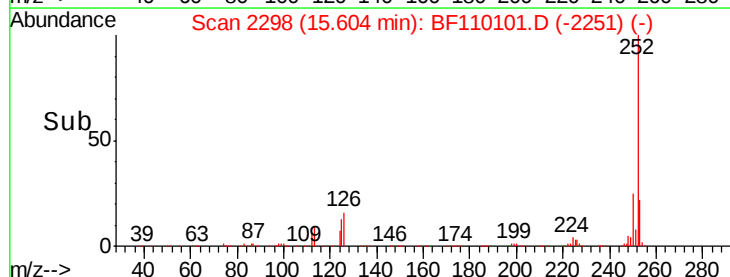
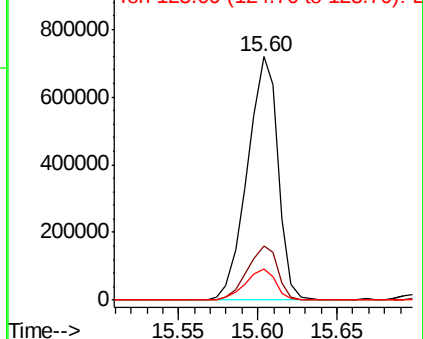
252 100

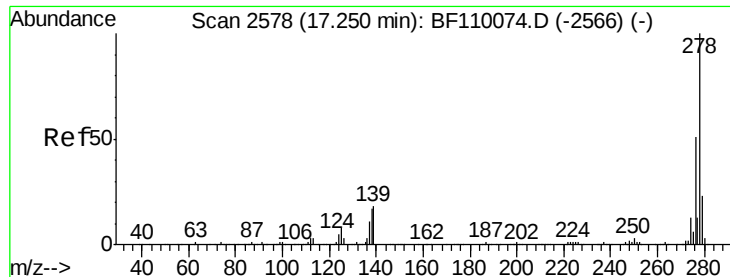
253 22.1 18.2 27.4

125 13.0 9.0 13.6



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

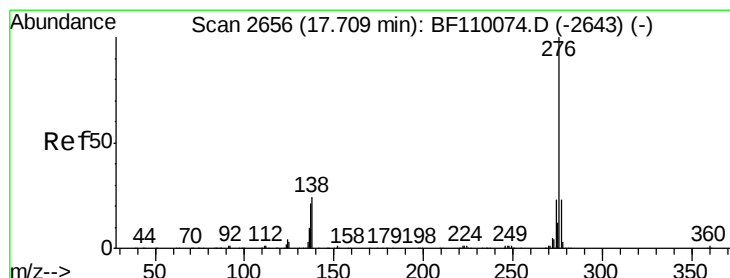
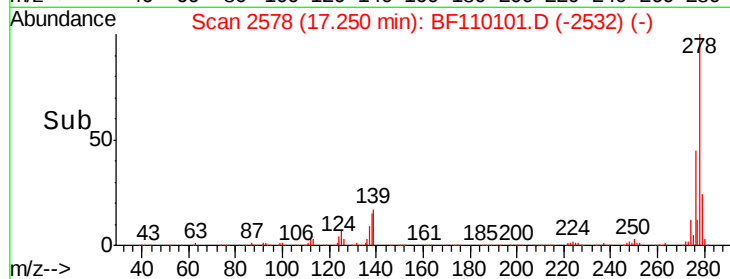
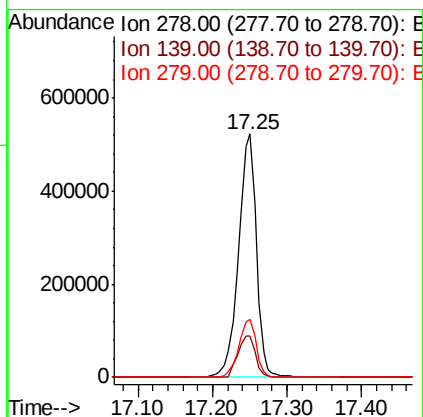
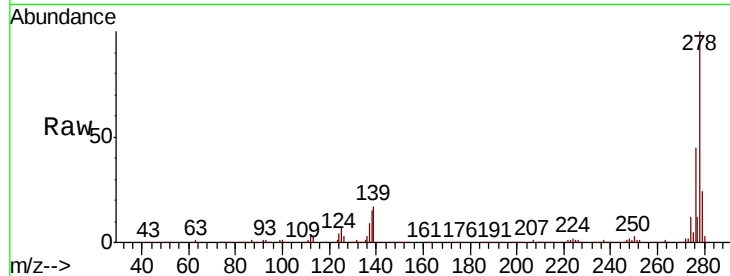




#91
Dibenzo(a,h)anthracene
Concen: 40.353 ng
RT: 17.25 min Scan# 2578
Delta R.T. -0.03 min
Lab File: BF110101.D
Acq: 24 Oct 2018 2:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.0	12.7	19.1
279	23.9	19.0	28.4



#92
Benzo(g,h,i)perylene
Concen: 41.026 ng
RT: 17.70 min Scan# 2655
Delta R.T. -0.04 min
Lab File: BF110101.D
Acq: 24 Oct 2018 2:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.8	28.2
138	24.2	16.0	24.0

