

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101918\
 Data File : BF110023.D
 Acq On : 20 Oct 2018 1:26
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 20 01:52:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 20 00:20:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	189770	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	751091	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	322970	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	518068	20.00	ng	0.00
76) Chrysene-d12	14.15	240	372728	20.00	ng	0.00
87) Perylene-d12	15.67	264	316014	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	942055	78.69	ng	0.00
7) Phenol-d6	6.59	99	1161132	78.11	ng	0.00
23) Nitrobenzene-d5	7.54	82	1018459	91.34	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	221299	79.14	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1720498	85.00	ng	0.00
79) Terphenyl-d14	13.09	244	1363074	76.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.82	88	249468	36.688	ng	91
3) Pyridine	3.60	79	580664	38.304	ng	# 84
4) n-Nitrosodimethylamine	3.56	42	233811	37.809	ng	99
6) Aniline	6.64	93	753932	37.633	ng	# 52
8) 2-Chlorophenol	6.76	128	529250	39.466	ng	99
9) Benzaldehyde	6.53	77	366193	37.906	ng	94
10) Phenol	6.61	94	634684	39.544	ng	# 61
11) bis(2-Chloroethyl)ether	6.70	93	507690	37.831	ng	91
12) 1,3-Dichlorobenzene	6.91	146	576937	39.235	ng	99
13) 1,4-Dichlorobenzene	6.99	146	581168	39.243	ng	97
14) 1,2-Dichlorobenzene	7.15	146	539088	39.531	ng	99
15) Benzyl Alcohol	7.11	79	447430	39.122	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.24	45	813694	36.941	ng	68
17) 2-Methylphenol	7.22	107	419568	38.800	ng	# 80
18) Hexachloroethane	7.49	117	200342	38.281	ng	97
19) n-Nitroso-di-n-propylamine	7.38	70	352207	36.900	ng	95
20) 3+4-Methylphenols	7.37	107	520624	37.940	ng	94
22) Acetophenone	7.38	105	679783	39.027	ng	98
24) Nitrobenzene	7.56	77	527687	43.566	ng	93
25) Isophorone	7.79	82	839191	38.305	ng	95
26) 2-Nitrophenol	7.87	139	235382	46.869	ng	94
27) 2,4-Dimethylphenol	7.90	122	411096	38.957	ng	97
28) bis(2-Chloroethoxy)methane	8.00	93	574409	38.204	ng	99
29) 2,4-Dichlorophenol	8.11	162	409710	40.023	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	463348	40.425	ng	96
31) Naphthalene	8.28	128	1347146	39.113	ng	99
32) Benzoic acid	8.00	122	198346	30.167	ng	92
33) 4-Chloroaniline	8.32	127	593868	38.357	ng	100
34) Hexachlorobutadiene	8.39	225	257384	40.722	ng	99
35) Caprolactam	8.70	113	138357	38.056	ng	# 87
36) 4-Chloro-3-methylphenol	8.80	107	419898	38.882	ng	94
37) 2-Methylnaphthalene	8.97	142	864811	38.776	ng	98
38) 1-Methylnaphthalene	9.07	142	828897	38.355	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	422948	42.517	ng	99

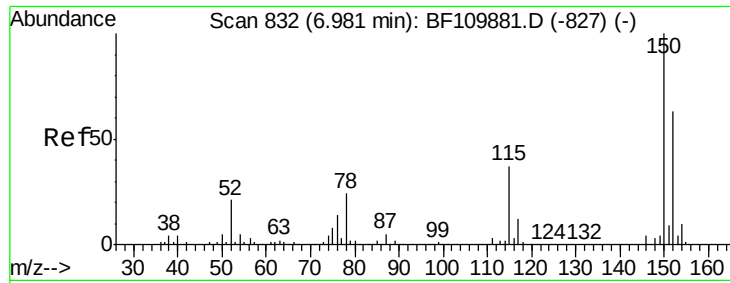
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101918\
 Data File : BF110023.D
 Acq On : 20 Oct 2018 1:26
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 20 01:52:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 20 00:20:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	83989	17.493	ng	99
43) 2,4,6-Trichlorophenol	9.25	196	269977	43.403	ng	95
44) 2,4,5-Trichlorophenol	9.28	196	265933	41.192	ng	93
46) 1,1'-Biphenyl	9.43	154	1199031	41.669	ng	99
47) 2-Chloronaphthalene	9.46	162	868305	40.966	ng	99
48) 2-Nitroaniline	9.56	65	271071	49.834	ng	89
49) Acenaphthylene	9.88	152	1226205	39.822	ng	98
50) Dimethylphthalate	9.73	163	959821	41.970	ng	99
51) 2,6-Dinitrotoluene	9.79	165	207438	47.757	ng	98
52) Acenaphthene	10.05	154	767857	39.169	ng	98
53) 3-Nitroaniline	9.97	138	248939	47.114	ng	87
54) 2,4-Dinitrophenol	10.06	184	9182	14.806	ng	# 1
55) Dibenzofuran	10.22	168	1113303	39.821	ng	98
56) 4-Nitrophenol	10.11	139	150572	37.347	ng	95
57) 2,4-Dinitrotoluene	10.20	165	252018	46.128	ng	# 87
58) Fluorene	10.56	166	791722	38.902	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	193688	37.856	ng	94
60) Diethylphthalate	10.43	149	932436	41.281	ng	99
61) 4-Chlorophenyl-phenylether	10.55	204	434755	41.009	ng	99
62) 4-Nitroaniline	10.58	138	220316	44.049	ng	94
63) Azobenzene	10.72	77	879337	37.265	ng	95
65) 4,6-Dinitro-2-methylphenol	10.60	198	22720	18.016	ng	93
66) n-Nitrosodiphenylamine	10.67	169	775273	44.931	ng	96
67) 4-Bromophenyl-phenylether	11.05	248	249891	44.508	ng	95
68) Hexachlorobenzene	11.11	284	248151	41.447	ng	# 90
69) Atrazine	11.19	200	233580	43.337	ng	98
70) Pentachlorophenol	11.30	266	124694	36.596	ng	96
71) Phenanthrene	11.53	178	1065794	39.738	ng	99
72) Anthracene	11.58	178	1073142	39.798	ng	99
73) Carbazole	11.73	167	998981	37.697	ng	98
74) Di-n-butylphthalate	12.06	149	1295169	43.793	ng	99
75) Fluoranthene	12.72	202	970386	36.217	ng	100
77) Benzidine	12.84	184	520069	36.392	ng	99
78) Pyrene	12.95	202	982557	35.892	ng	99
80) Butylbenzylphthalate	13.56	149	463990	41.923	ng	99
81) Benzo(a)anthracene	14.14	228	863084	39.312	ng	99
82) 3,3'-Dichlorobenzidine	14.10	252	327891	42.601	ng	99
83) Chrysene	14.18	228	828761	39.658	ng	99
84) Bis(2-ethylhexyl)phthalate	14.11	149	645450	44.320	ng	96
85) Di-n-octyl phthalate	14.73	149	1063682	51.806	ng	98
86) Indeno(1,2,3-cd)pyrene	17.23	276	611328	36.333	ng	# 95
88) Benzo(b)fluoranthene	15.22	252	742638	40.762	ng	100
89) Benzo(k)fluoranthene	15.22	252	742638	41.355	ng	99
90) Benzo(a)pyrene	15.61	252	657658	39.248	ng	97
91) Dibenzo(a,h)anthracene	17.25	278	517095	34.822	ng	98
92) Benzo(g,h,i)perylene	17.70	276	485831	32.381	ng	96

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

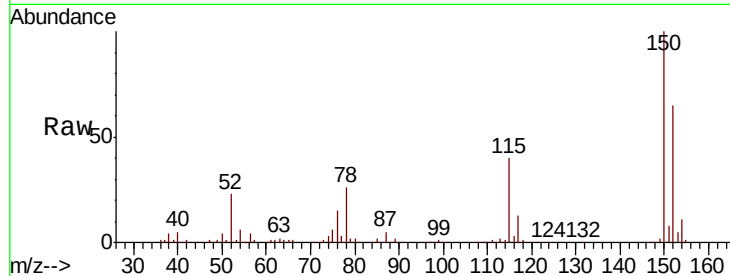


#1

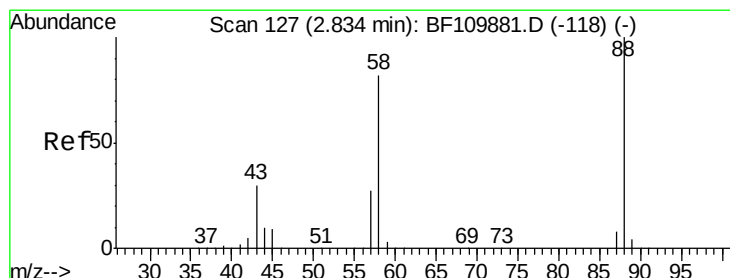
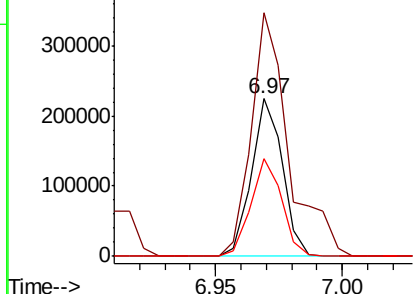
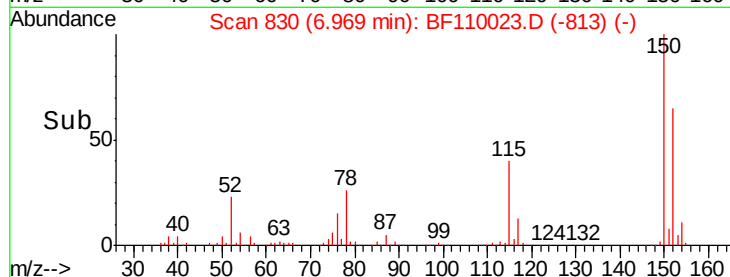
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 189770
Ion Ratio Lower Upper
152 100
150 154.6 122.7 184.1
115 62.0 49.1 73.7



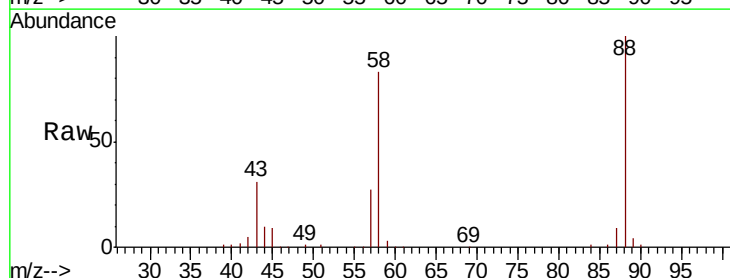
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



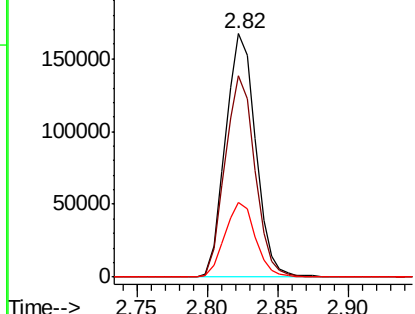
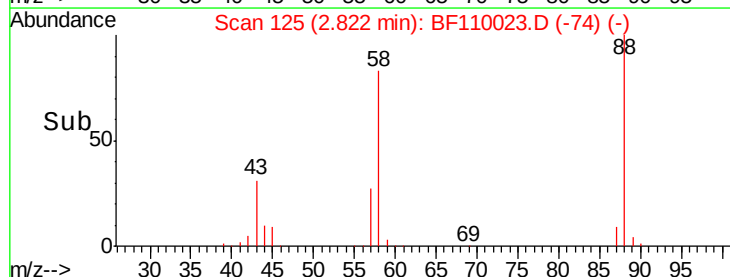
#2

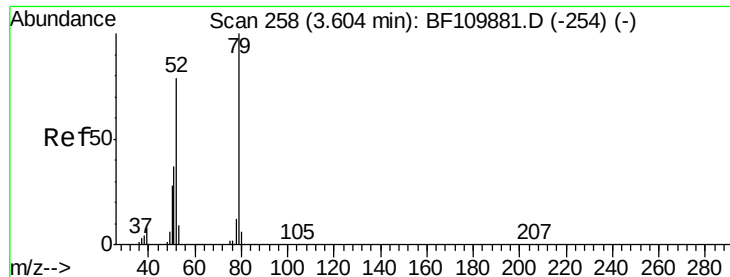
1,4-Dioxane
Concen: 36.688 ng
RT: 2.82 min Scan# 125
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Tgt Ion: 88 Resp: 249468
Ion Ratio Lower Upper
88 100
58 81.6 57.1 85.7
43 31.1 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: 38.304 ng

RT: 3.60 min Scan# 257

Delta R.T. -0.00 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

Instrument :

BNA_F

ClientSampleId :

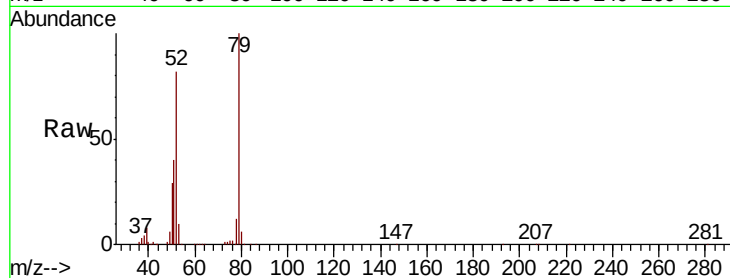
Tot Ion: 79 Resp: 580664

Ion Ratio Lower Upper

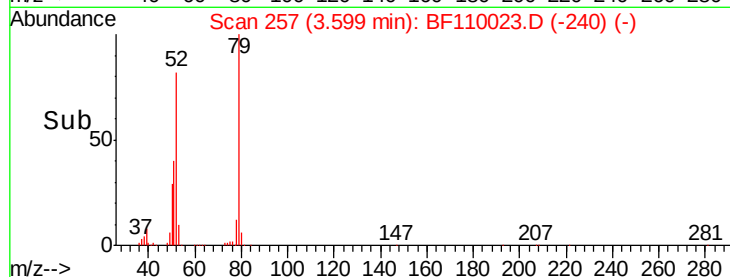
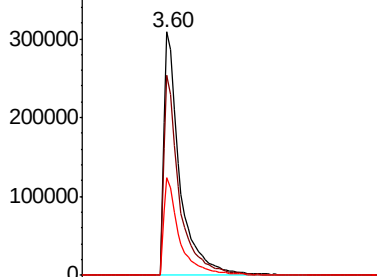
79 100

52 82.0 53.1 79.7#

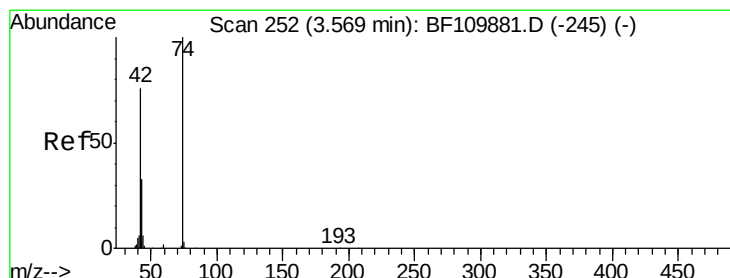
51 40.0 27.4 41.2



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



Time-->



#4

n-Nitrosodimethylamine

Concen: 37.809 ng

RT: 3.56 min Scan# 251

Delta R.T. 0.01 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

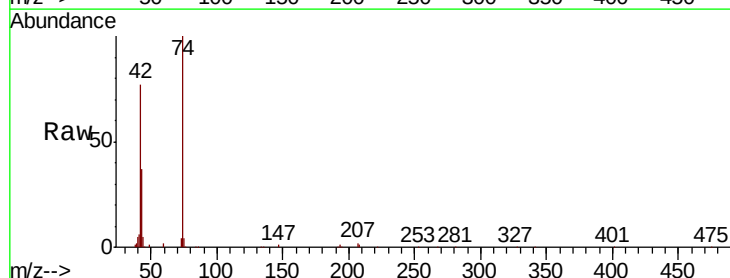
Tgt Ion: 42 Resp: 233811

Ion Ratio Lower Upper

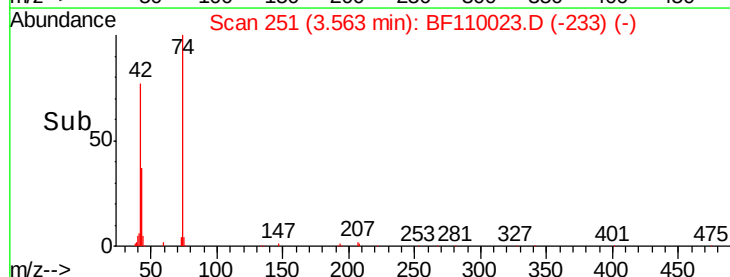
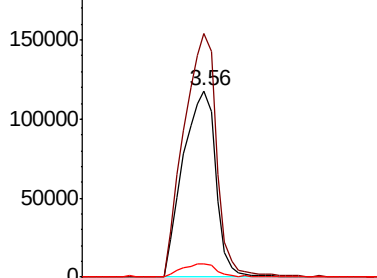
42 100

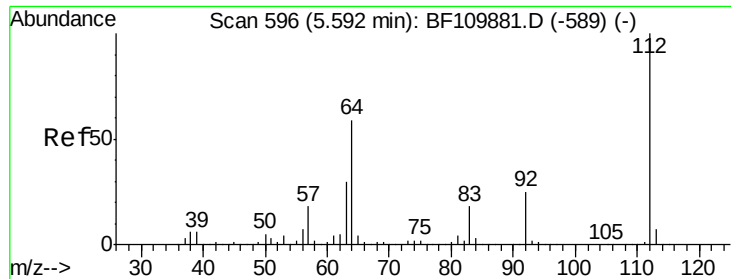
74 130.5 105.5 158.3

44 7.0 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: 78.689 ng

RT: 5.59 min Scan# 595

Delta R.T. -0.00 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

Instrument :

BNA_F

ClientSampled :

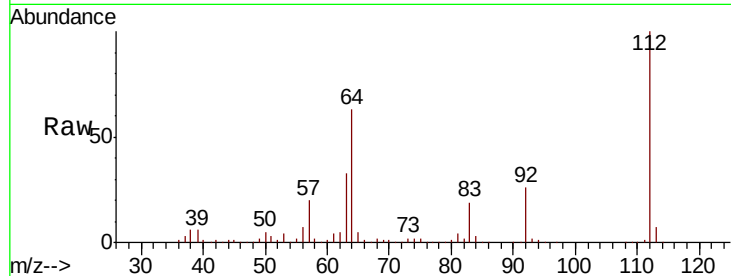
Tot Ion: 112 Resp: 942055

Ion Ratio Lower Upper

112 100

64 63.0 44.1 66.1

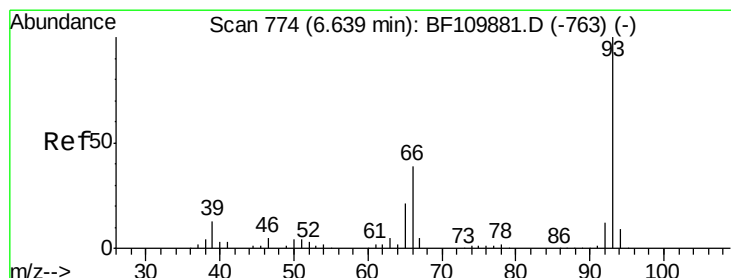
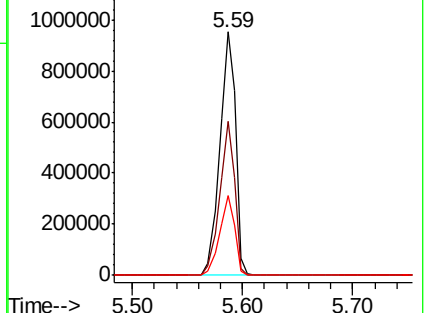
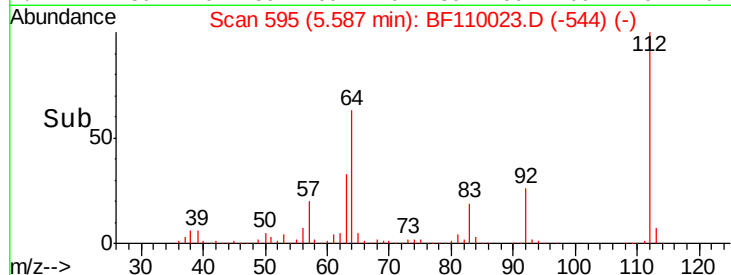
63 32.5 23.7 35.5



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: 37.633 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.01 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

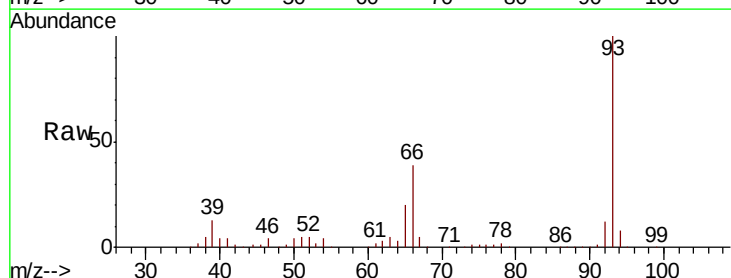
Tgt Ion: 93 Resp: 753932

Ion Ratio Lower Upper

93 100

66 39.1 67.4 101.0#

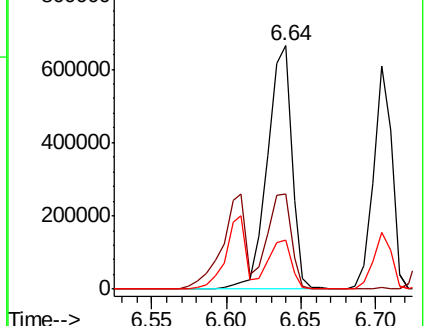
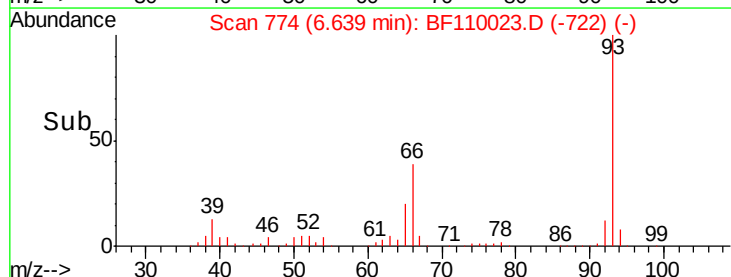
65 20.1 41.0 61.4#

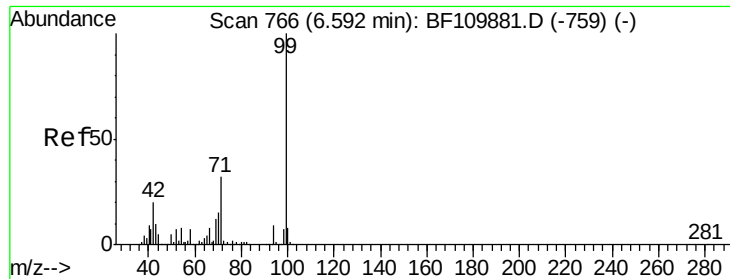


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.107 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

Instrument :

BNA_F

ClientSampleId :

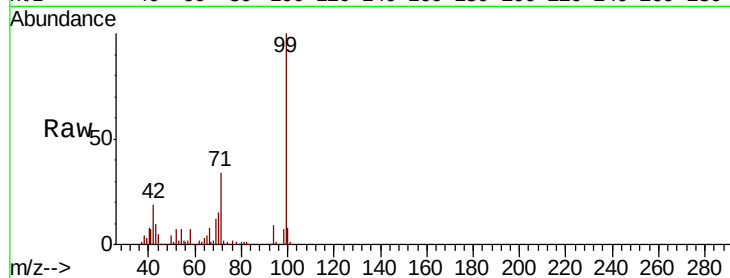
Tot Ion: 99 Resp: 1161132

Ion Ratio Lower Upper

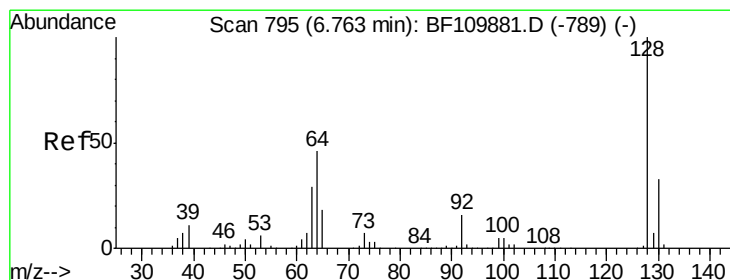
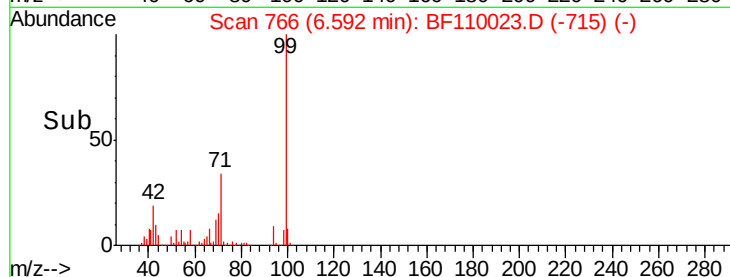
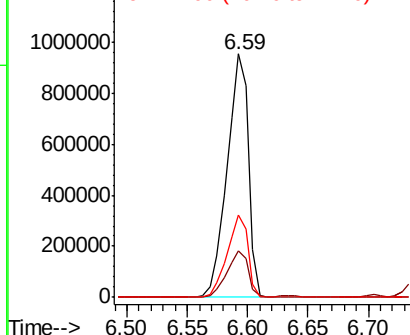
99 100

42 19.0 15.8 23.6

71 33.9 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: 39.466 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

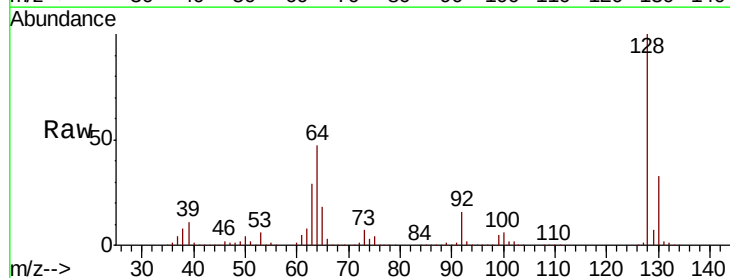
Tgt Ion: 128 Resp: 529250

Ion Ratio Lower Upper

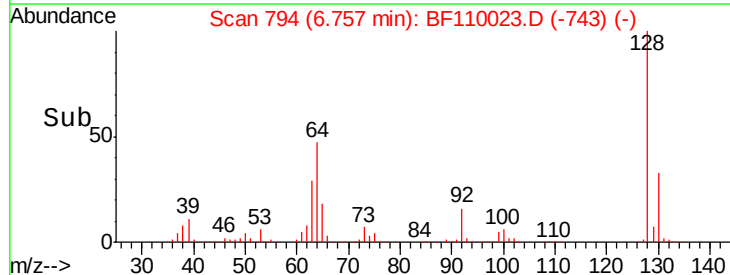
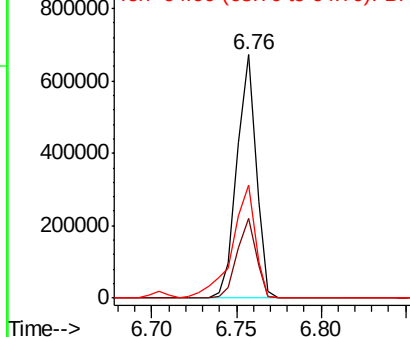
128 100

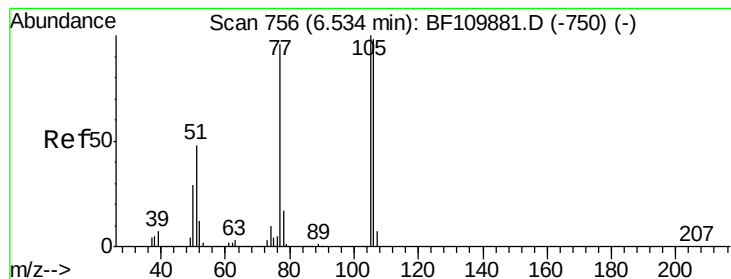
130 33.0 13.1 53.1

64 46.6 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: 37.906 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

Instrument :

BNA_F

ClientSampled :

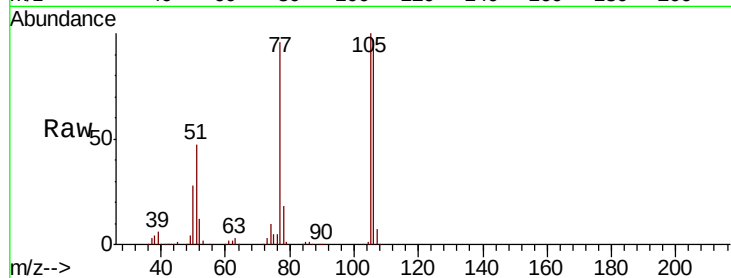
Tot Ion: 77 Resp: 366193

Ion Ratio Lower Upper

77 100

105 103.8 78.6 118.6

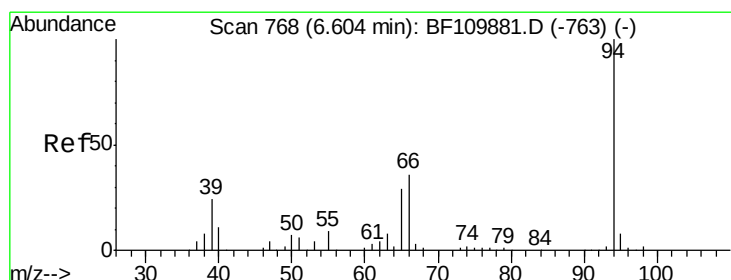
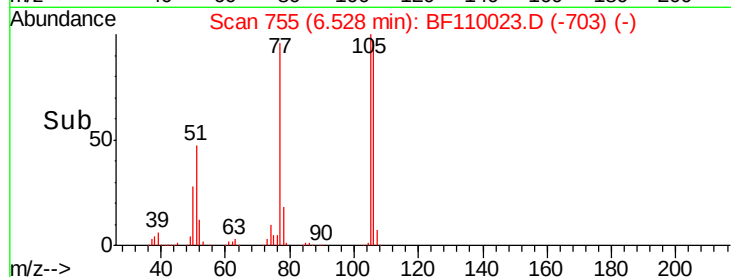
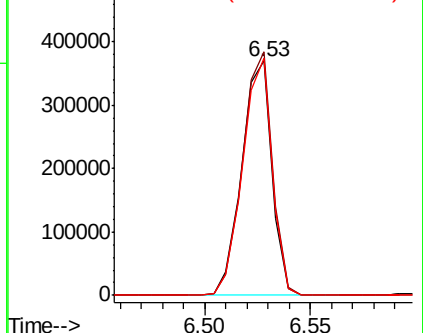
106 101.2 74.8 114.8



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: 39.544 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

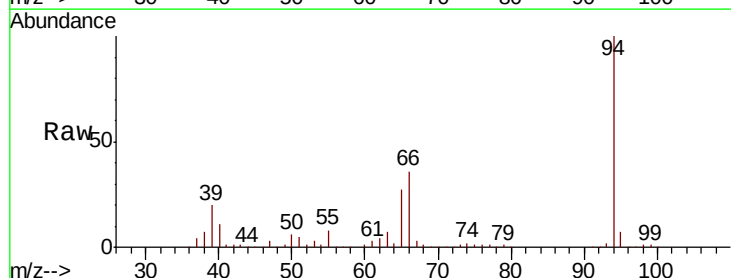
Tgt Ion: 94 Resp: 634684

Ion Ratio Lower Upper

94 100

65 27.5 25.3 65.3

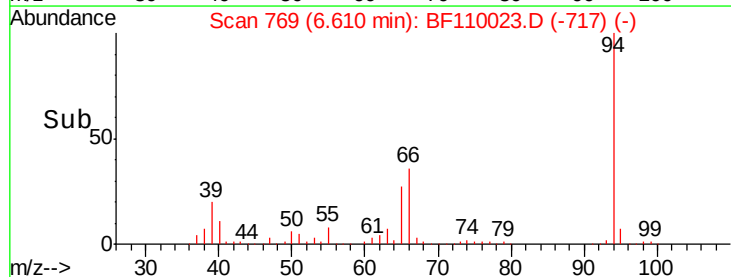
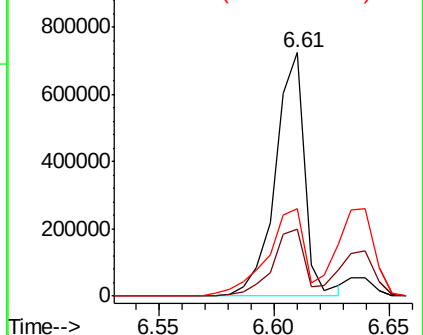
66 35.7 54.5 94.5#

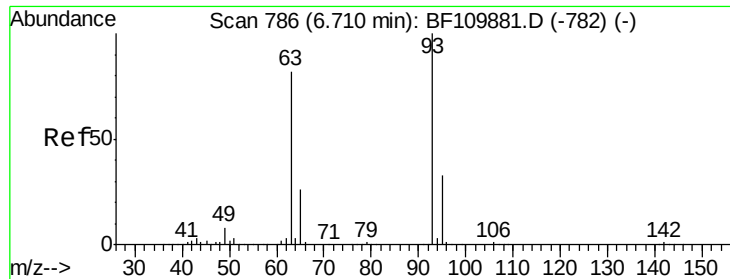


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 37.831 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

Instrument :

BNA_F

ClientSampleId :

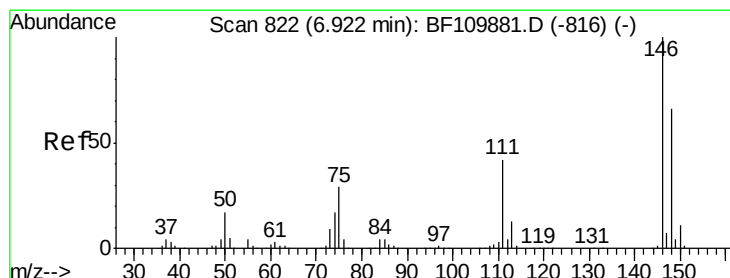
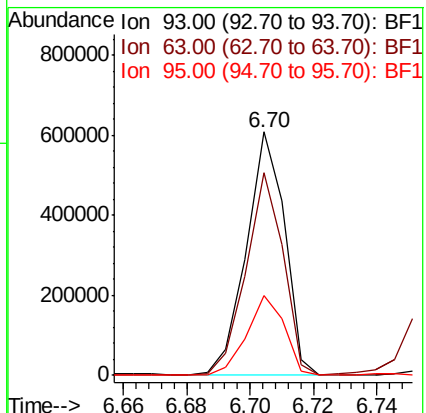
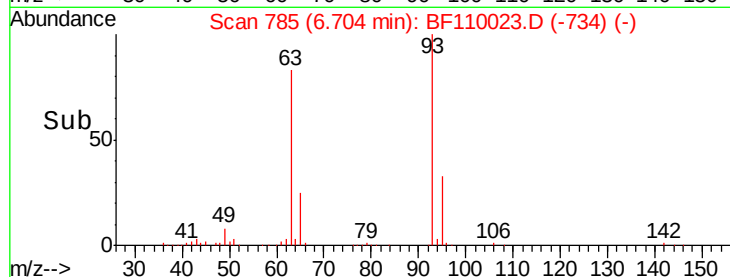
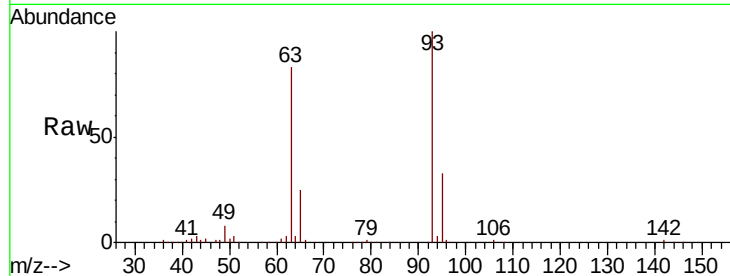
Tot Ion: 93 Resp: 507690

Ion Ratio Lower Upper

93 100

63 83.3 53.4 93.4

95 32.8 12.1 52.1



#12

1,3-Dichlorobenzene

Concen: 39.235 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

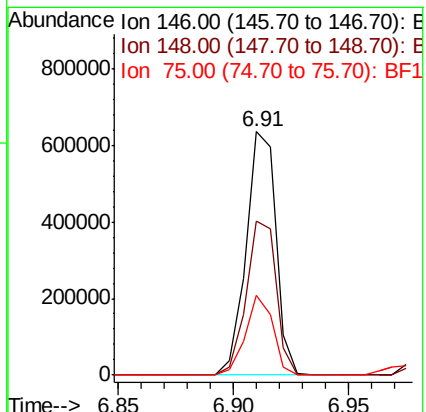
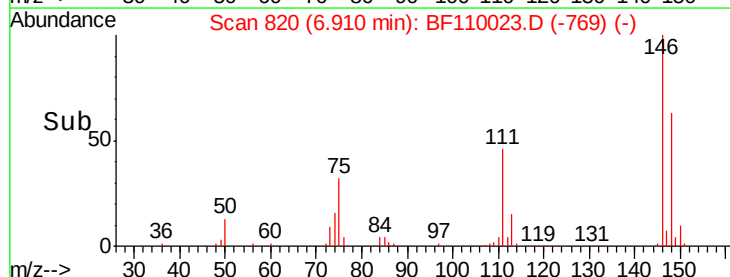
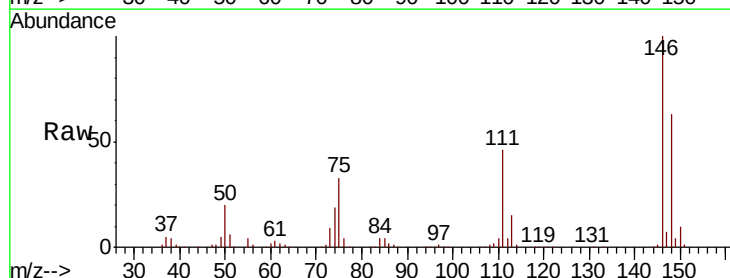
Tgt Ion: 146 Resp: 576937

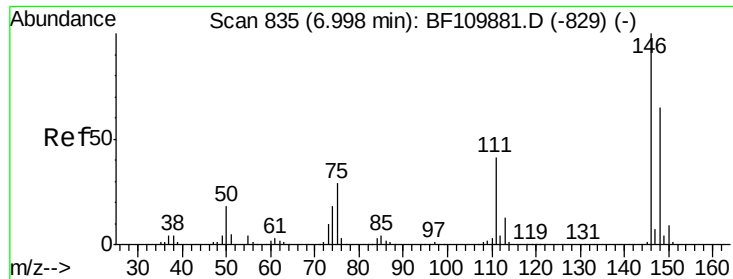
Ion Ratio Lower Upper

146 100

148 63.5 50.4 75.6

75 32.6 25.8 38.6

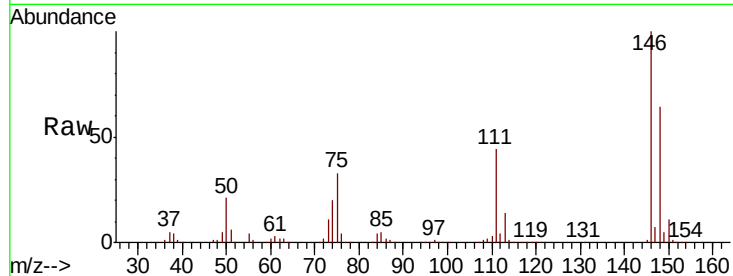




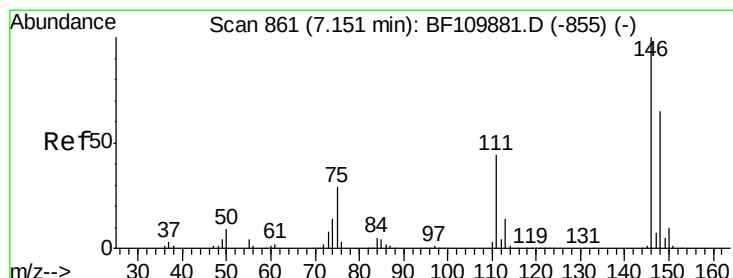
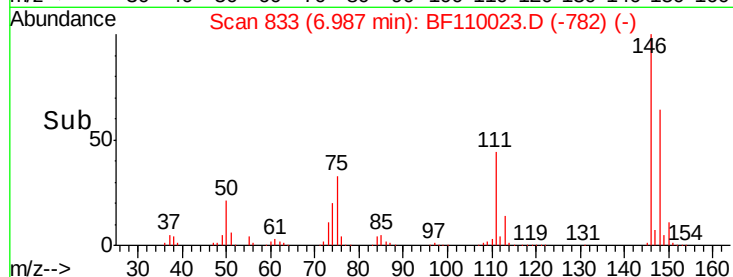
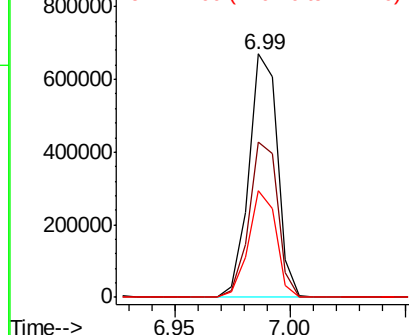
#13
1,4-Dichlorobenzene
Concen: 39.243 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:146 Resp: 581168
Ion Ratio Lower Upper
146 100
148 63.8 50.3 75.5
111 44.0 32.7 49.1

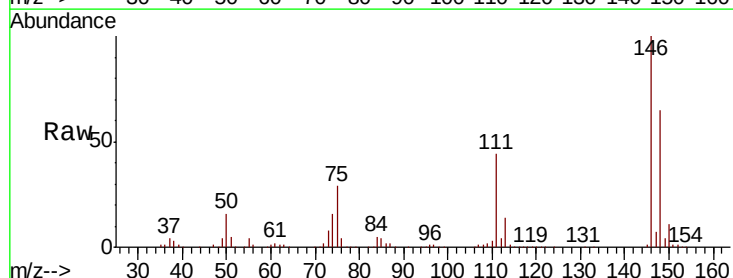


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

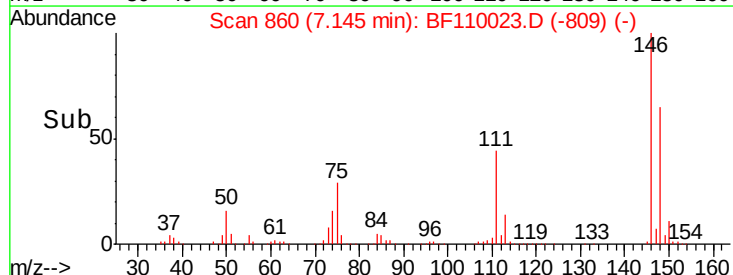
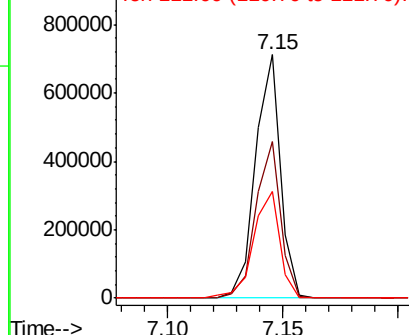


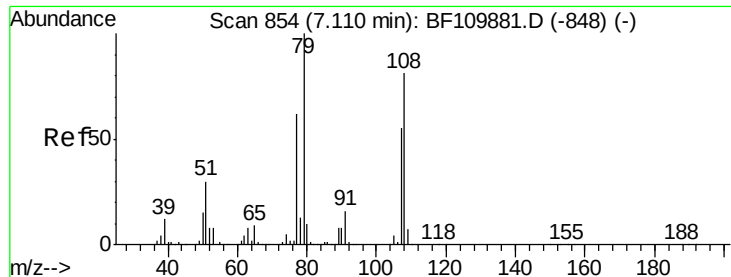
#14
1,2-Dichlorobenzene
Concen: 39.531 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Tgt Ion:146 Resp: 539088
Ion Ratio Lower Upper
146 100
148 64.5 51.1 76.7
111 43.7 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: 39.122 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.01 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

Instrument :

BNA_F

ClientSampleId :

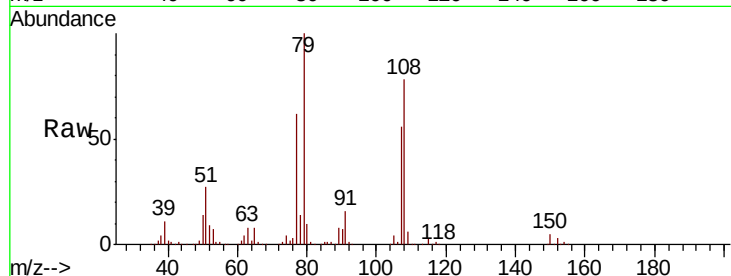
Tot Ion: 79 Resp: 447430

Ion Ratio Lower Upper

79 100

108 78.3 56.3 84.5

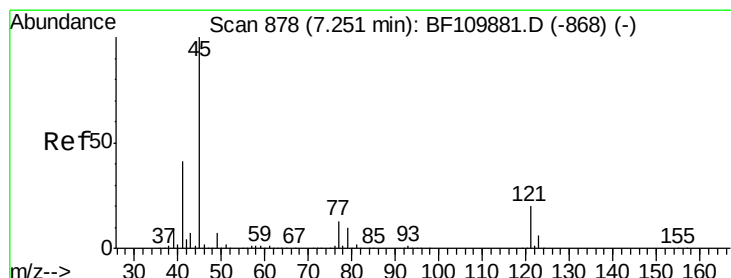
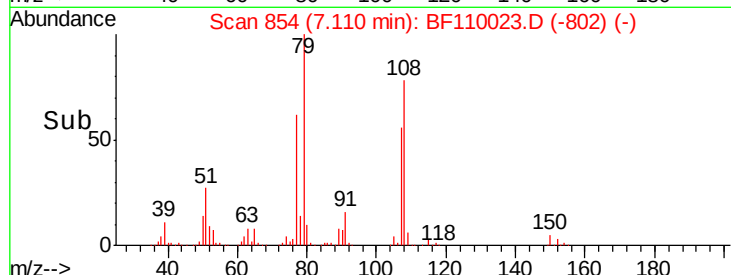
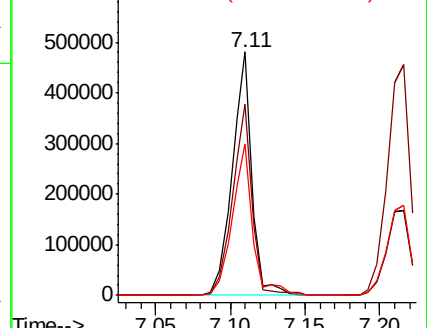
77 62.1 52.9 79.3



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: 36.941 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.00 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

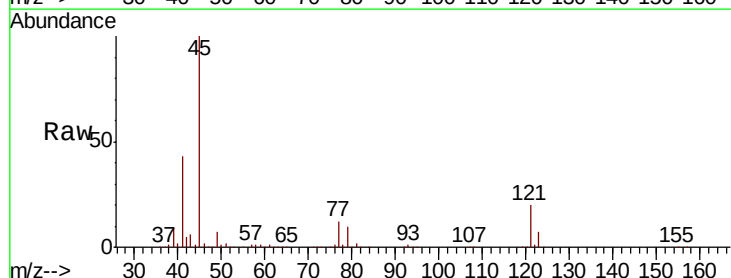
Tgt Ion: 45 Resp: 813694

Ion Ratio Lower Upper

45 100

77 12.5 10.0 50.0

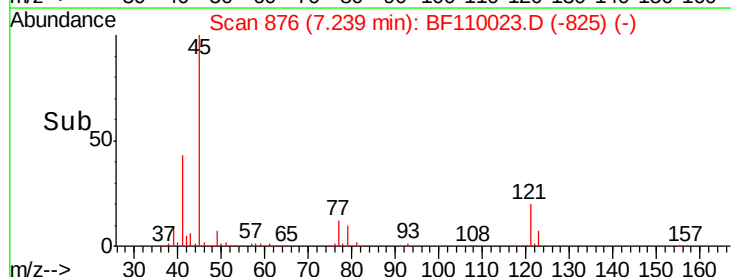
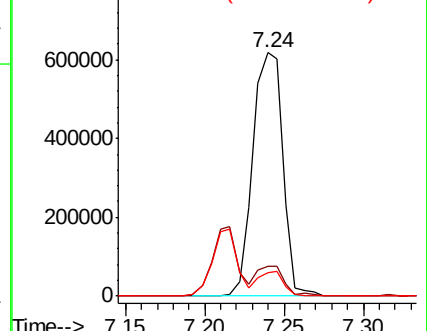
79 9.5 6.1 46.1

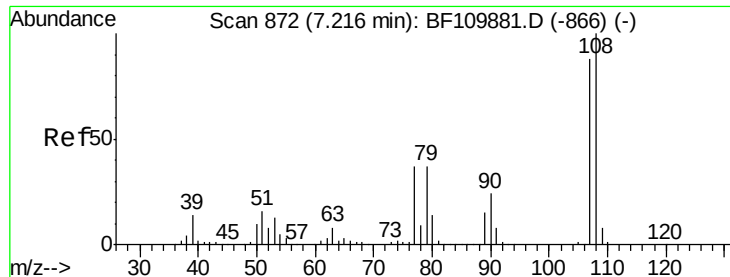


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

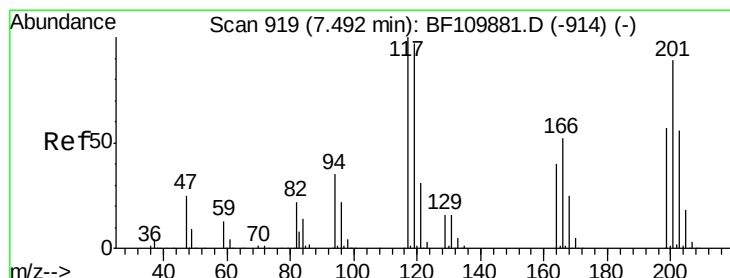
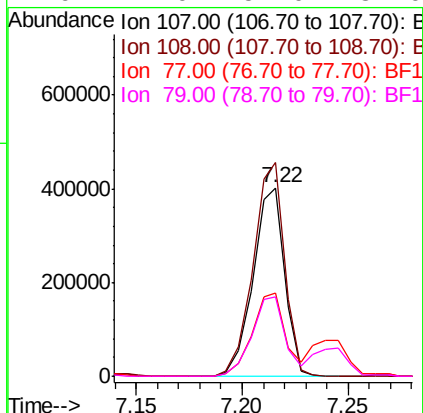
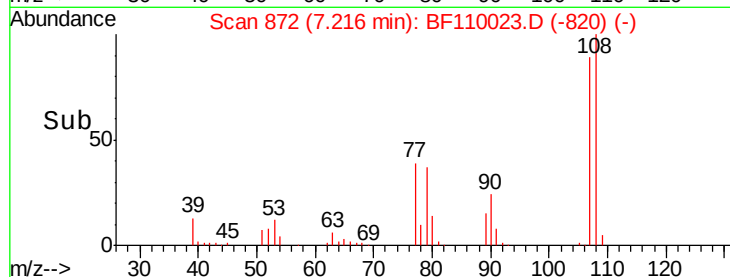
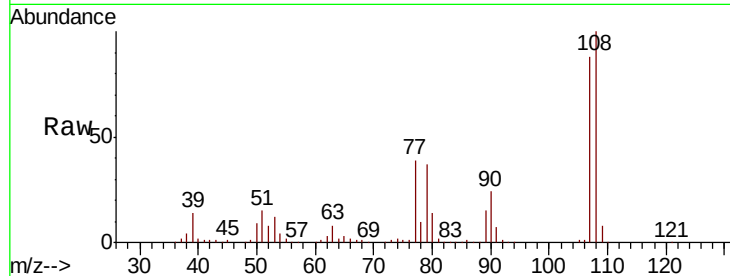




#17
2-Methylphenol
Concen: 38.800 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

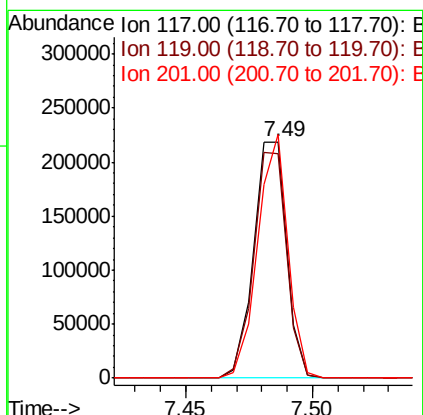
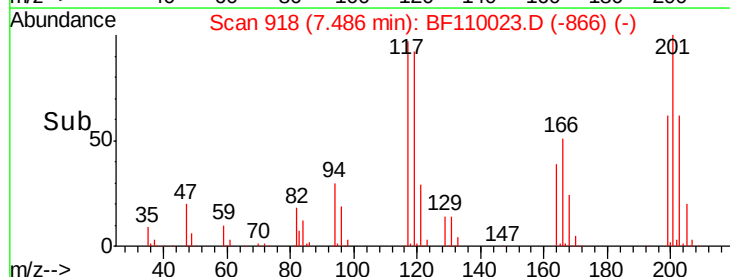
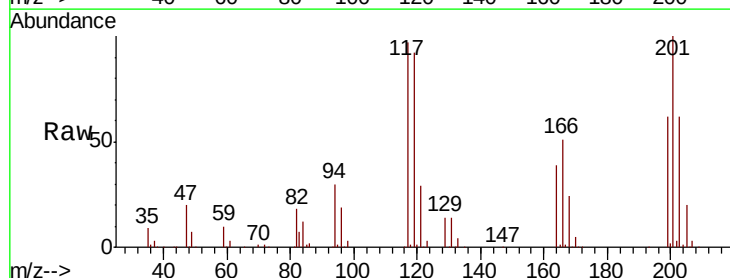
Instrument :
BNA_F
ClientSampleId :

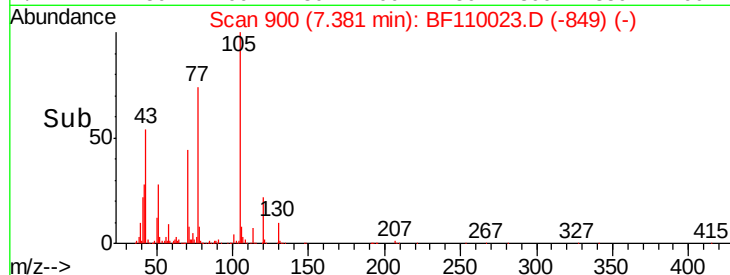
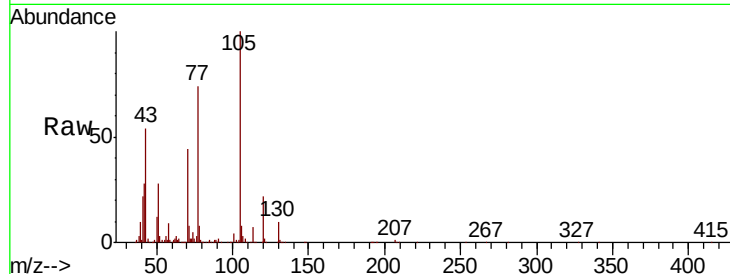
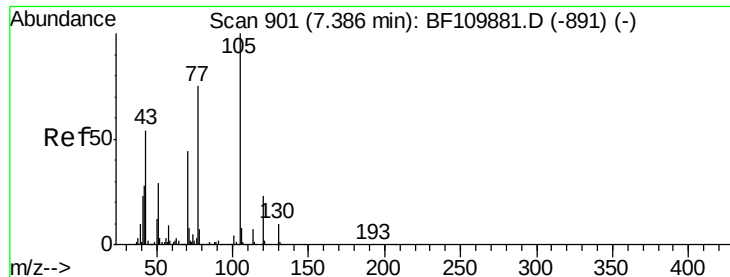
Tot Ion:107 Resp: 419568
Ion Ratio Lower Upper
107 100
108 113.5 92.6 138.8
77 44.0 59.4 89.2#
79 42.0 54.0 81.0#



#18
Hexachloroethane
Concen: 38.281 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.01 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Tgt Ion:117 Resp: 200342
Ion Ratio Lower Upper
117 100
119 94.8 75.0 112.6
201 102.9 79.2 118.8

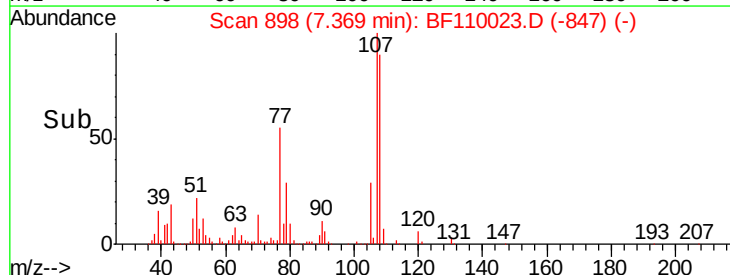
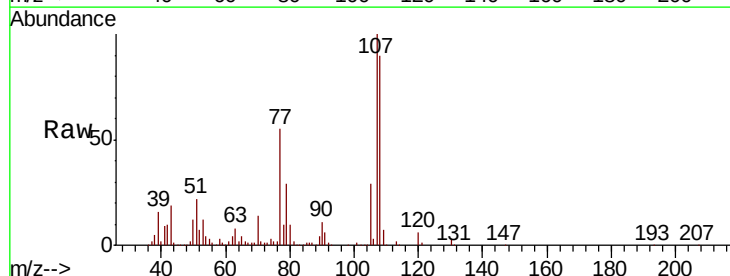
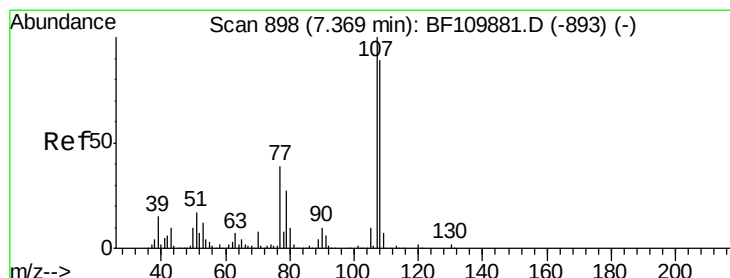
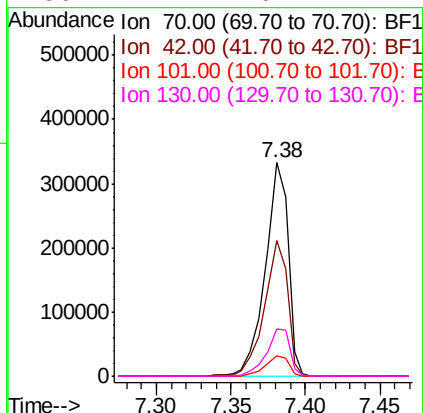




#19
n-Nitroso-di-n-propylamine
Concen: 36.900 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

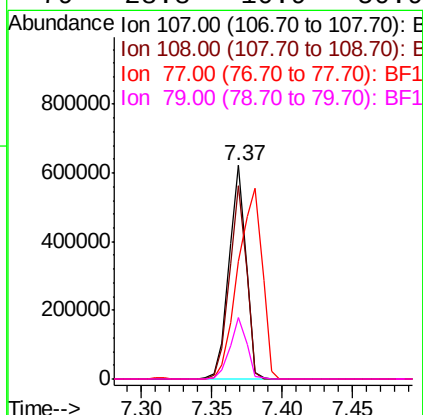
Instrument :
BNA_F
ClientSampled :

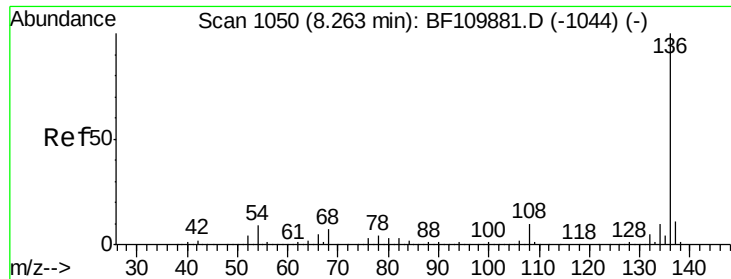
Tot Ion	Ratio	Lower	Upper
70	100		
42	63.5	47.4	71.2
101	9.3	7.3	10.9
130	22.2	16.2	24.2



#20
3+4-Methylphenols
Concen: 37.940 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.3	71.4	111.4
77	55.4	47.3	87.3
79	28.8	10.9	50.9

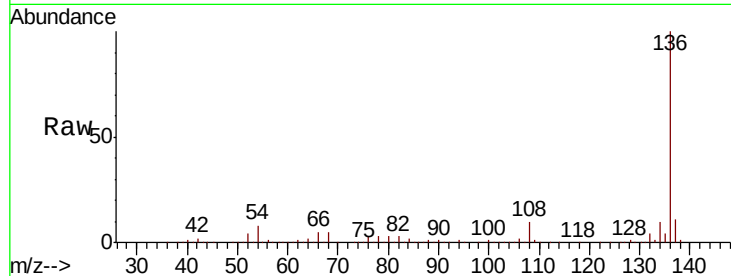




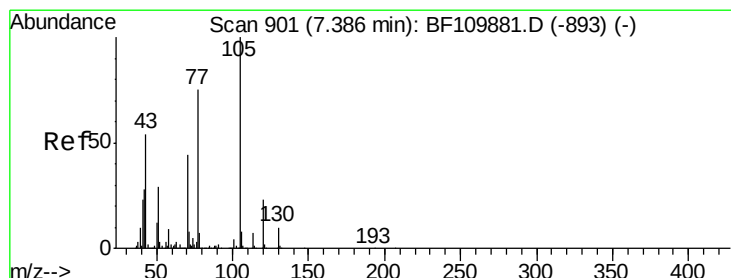
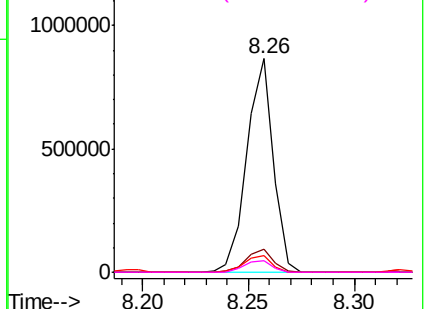
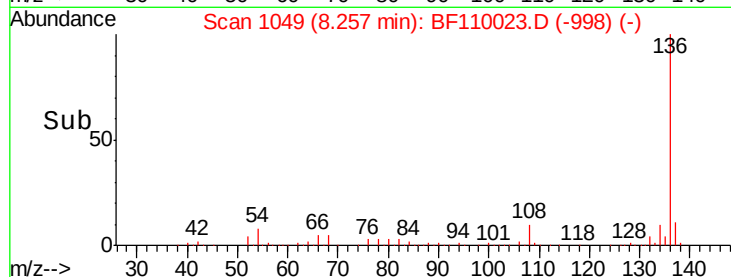
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	751091
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.8 13.2
54	7.8	5.4 8.2
68	5.5	4.2 6.2

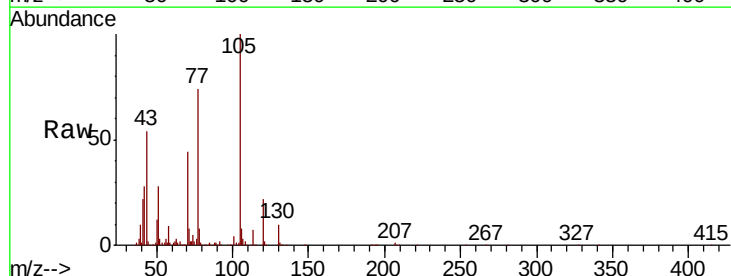


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

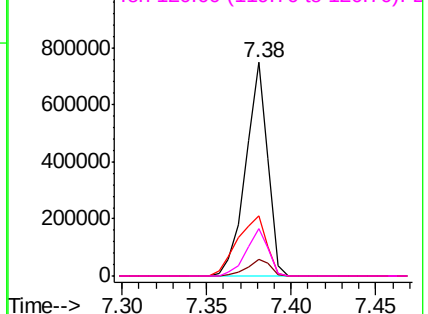
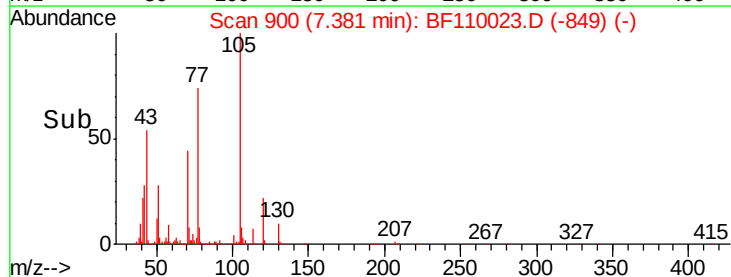


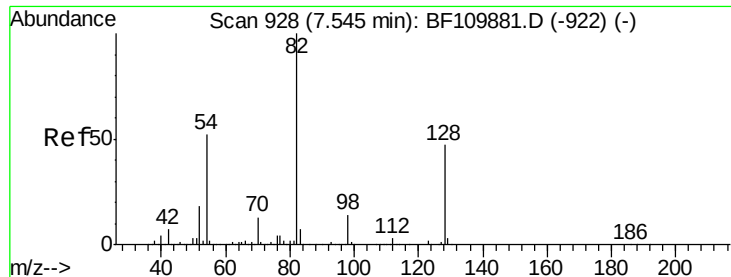
#22
Acetophenone
Concen: 39.027 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Tgt Ion:105	Resp:	679783
Ion Ratio	Lower	Upper
105	100	
71	7.6	5.2 7.8
51	27.9	21.8 32.8
120	22.1	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

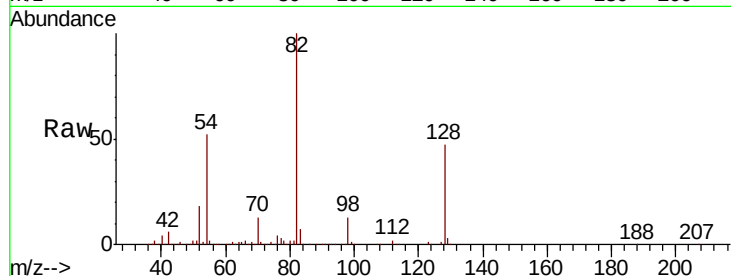




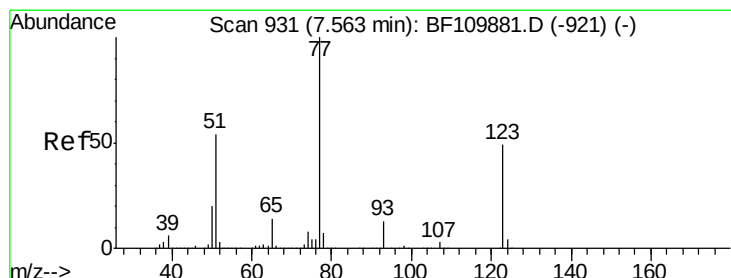
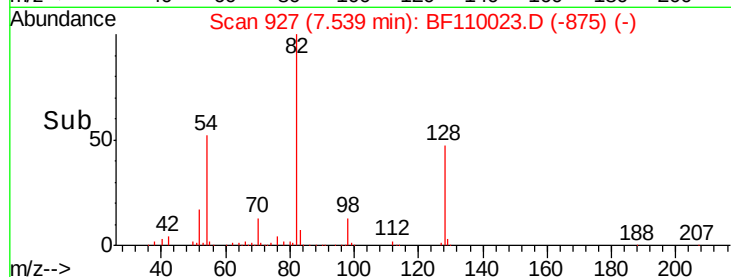
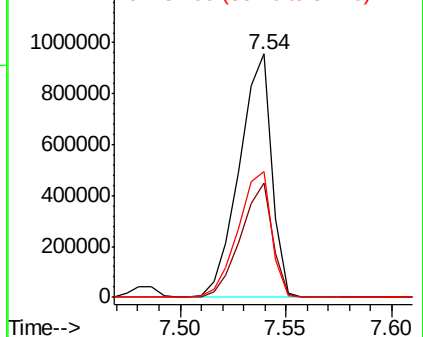
#23
 Nitrobenzene-d5
 Concen: 91.344 ng
 RT: 7.54 min Scan# 927
 Delta R.T. 0.01 min
 Lab File: BF110023.D
 Acq: 20 Oct 2018 1:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1018459
 Ion Ratio Lower Upper
 82 100
 128 46.9 34.2 51.2
 54 51.6 38.6 58.0

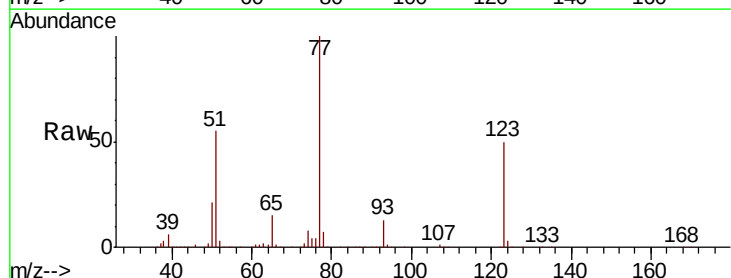


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

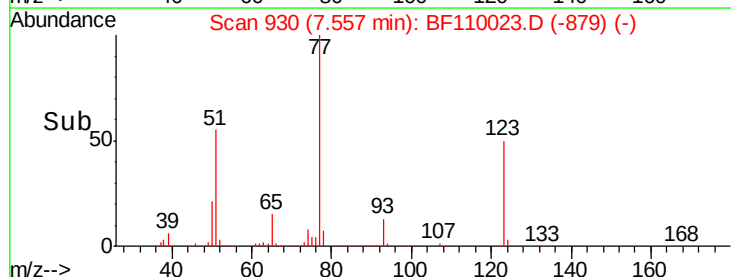
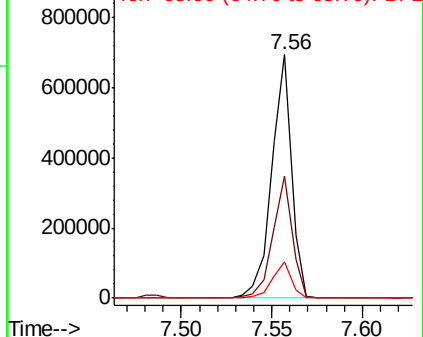


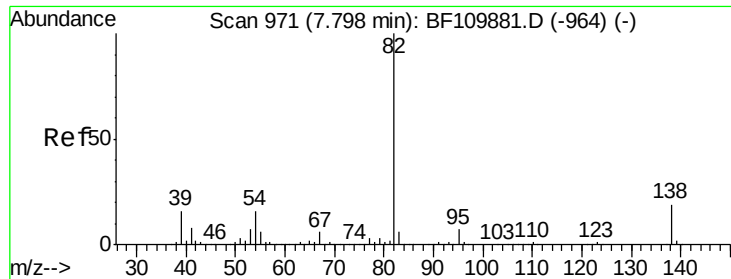
#24
 Nitrobenzene
 Concen: 43.566 ng
 RT: 7.56 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: BF110023.D
 Acq: 20 Oct 2018 1:26

Tgt Ion: 77 Resp: 527687
 Ion Ratio Lower Upper
 77 100
 123 50.1 35.7 53.5
 65 14.7 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

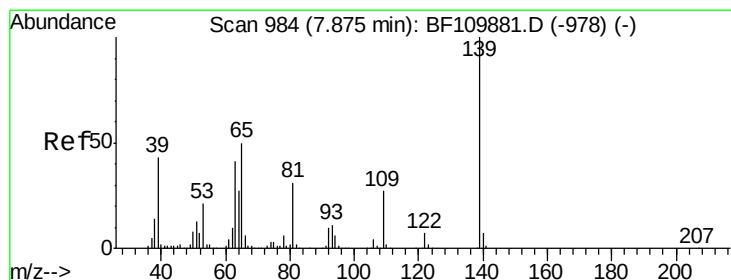
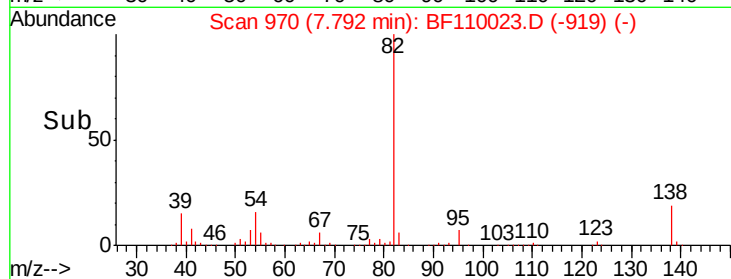
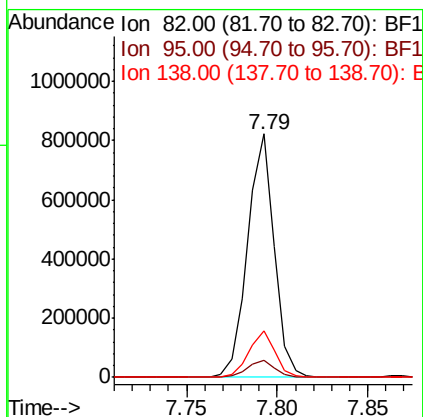
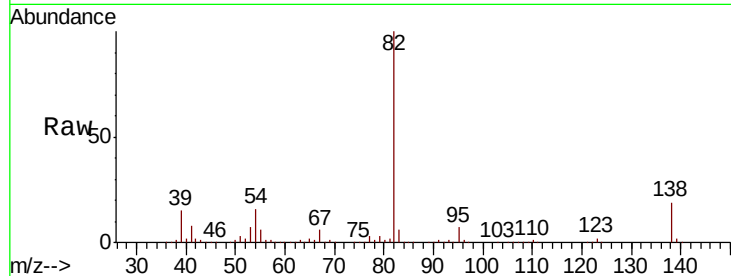




#25
Isophorone
Concen: 38.305 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

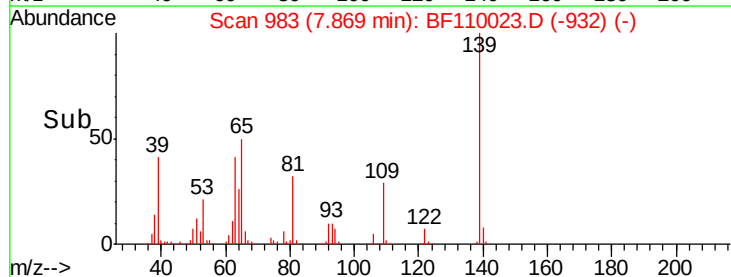
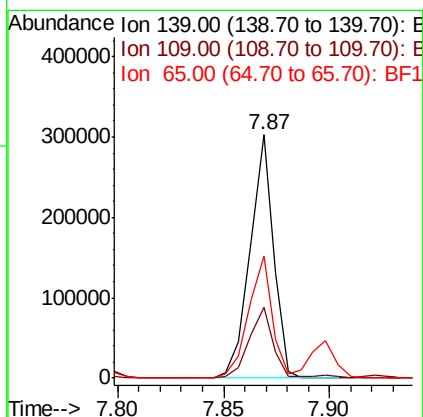
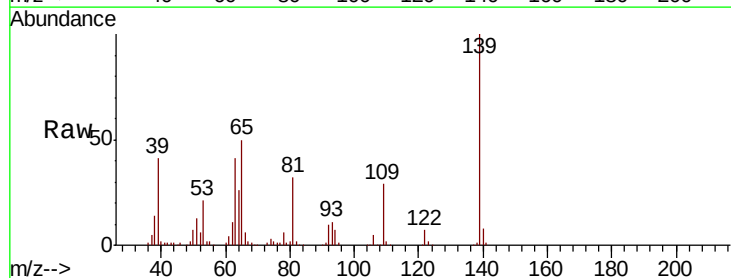
Instrument :
BNA_F
ClientSampleId :

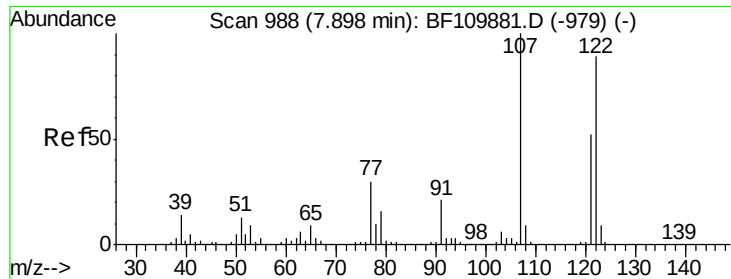
Tot Ion: 82 Resp: 839191
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 19.3 13.2 19.8



#26
2-Nitrophenol
Concen: 46.869 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Tgt Ion: 139 Resp: 235382
Ion Ratio Lower Upper
139 100
109 29.1 25.0 37.6
65 50.1 44.0 66.0

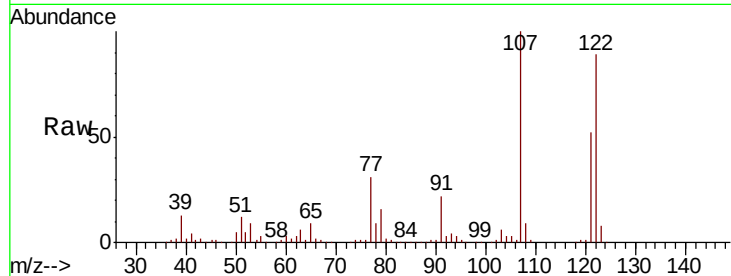




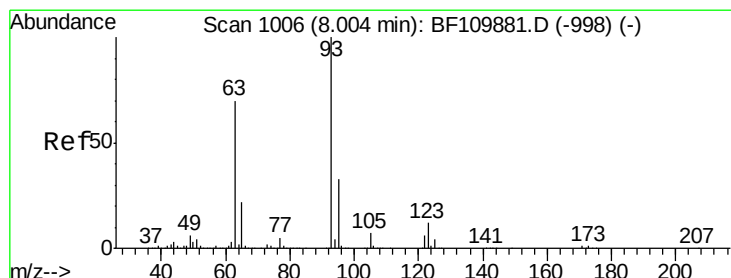
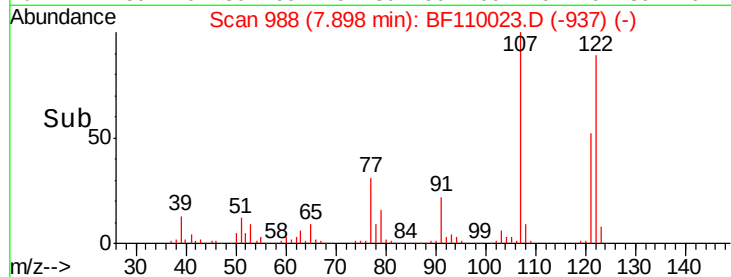
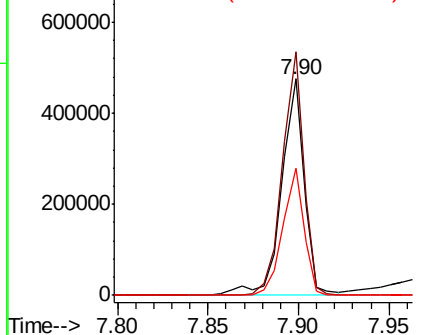
#27
 2,4-Dimethylphenol
 Concen: 38.957 ng
 RT: 7.90 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: BF110023.D
 Acq: 20 Oct 2018 1:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 411096
 Ion Ratio Lower Upper
 122 100
 107 112.4 92.5 138.7
 121 58.8 45.8 68.8

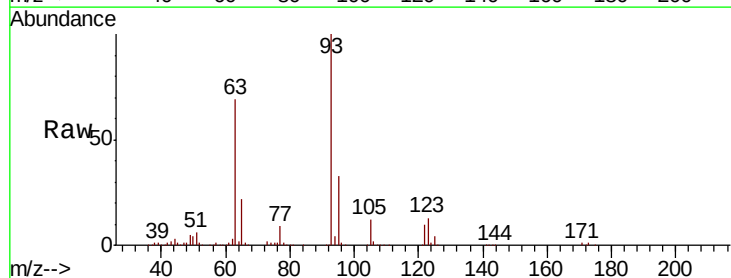


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

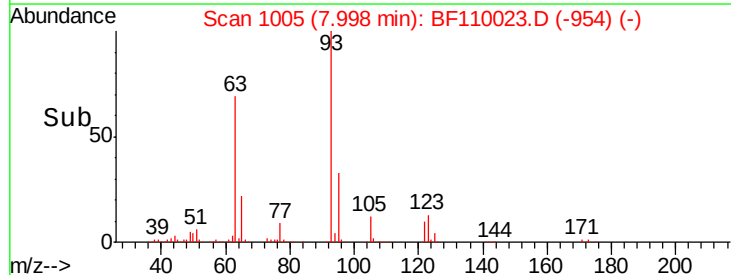
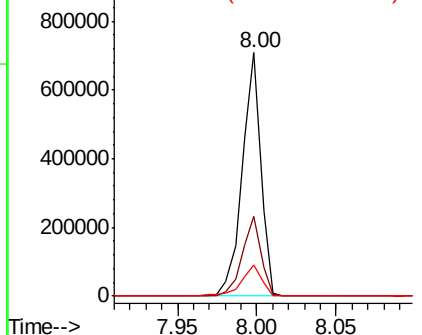


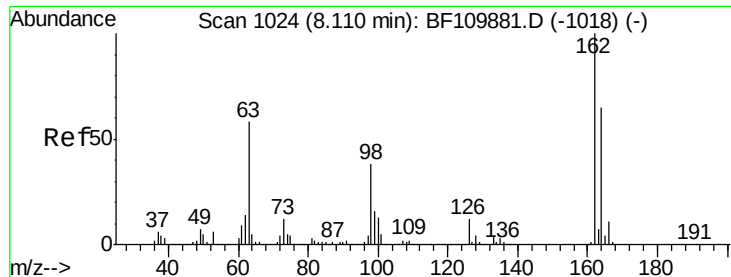
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.204 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. -0.00 min
 Lab File: BF110023.D
 Acq: 20 Oct 2018 1:26

Tgt Ion: 93 Resp: 574409
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.4 39.6
 123 12.7 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

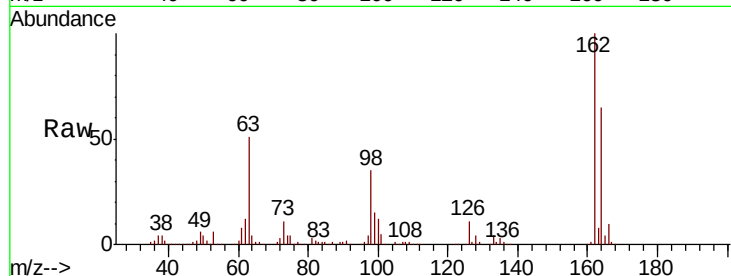




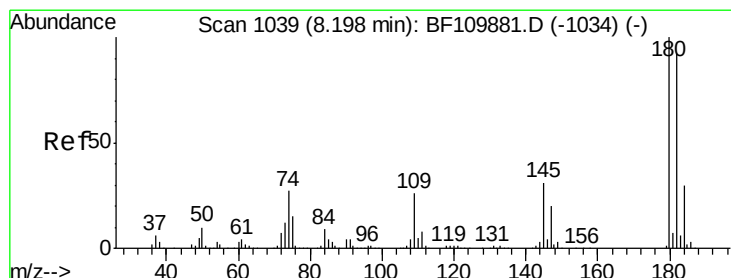
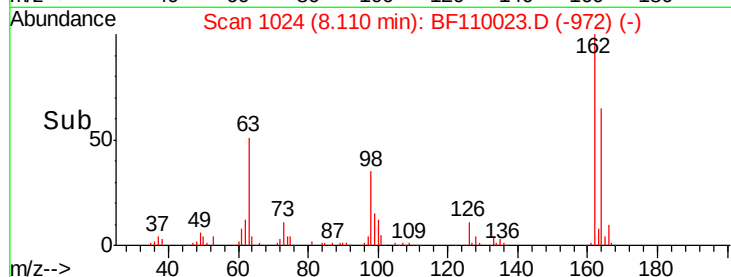
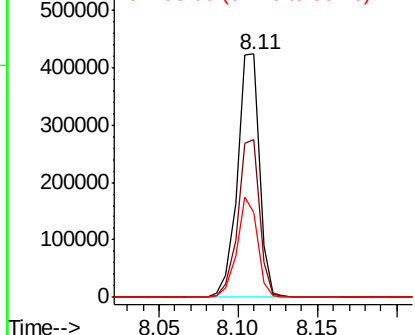
#29
 2,4-Dichlorophenol
 Concen: 40.023 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. 0.01 min
 Lab File: BF110023.D
 Acq: 20 Oct 2018 1:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.6	84.6
98	34.8	17.4	57.4

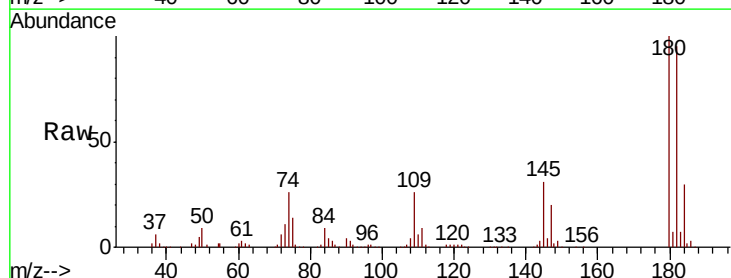


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

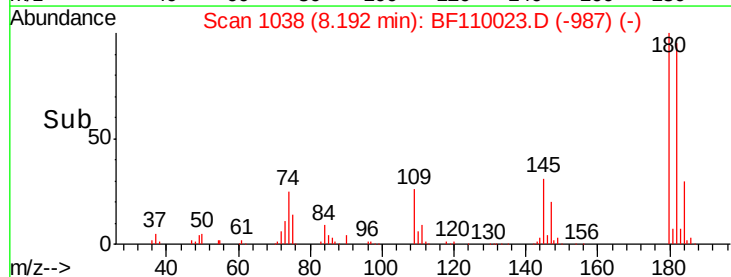
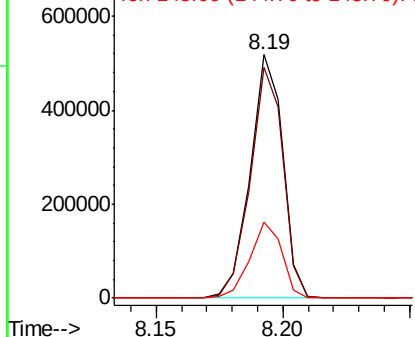


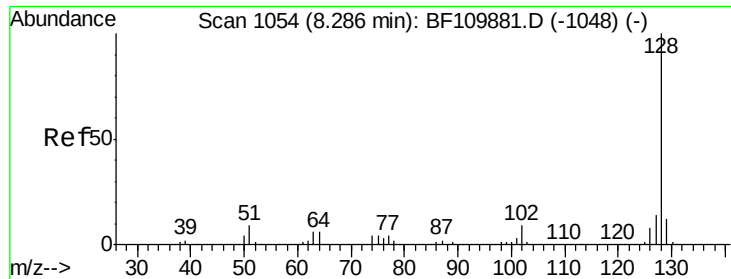
#30
 1,2,4-Trichlorobenzene
 Concen: 40.425 ng
 RT: 8.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF110023.D
 Acq: 20 Oct 2018 1:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	80.3	120.5
145	31.3	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

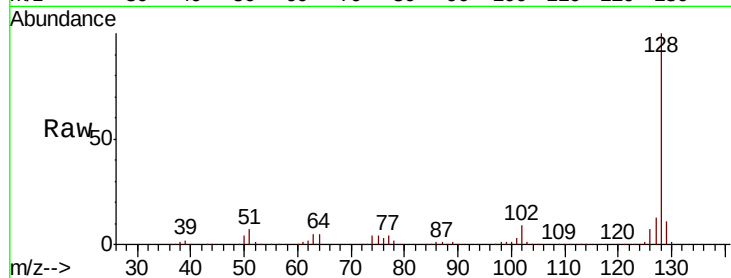




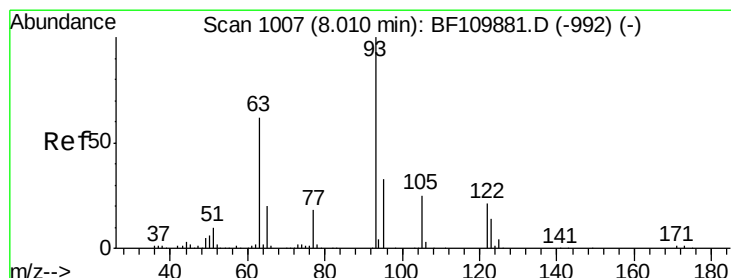
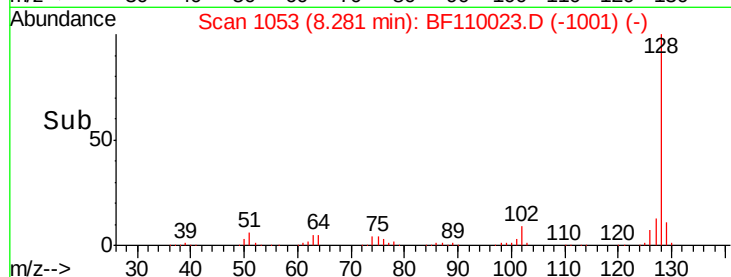
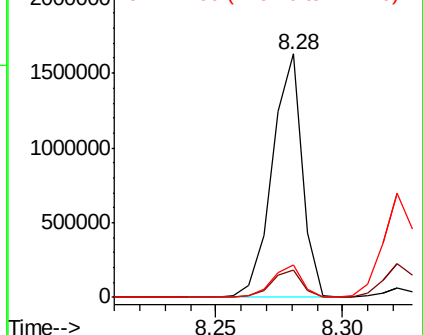
#31
Naphthalene
Concen: 39.113 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1347146
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.3 10.8 16.2

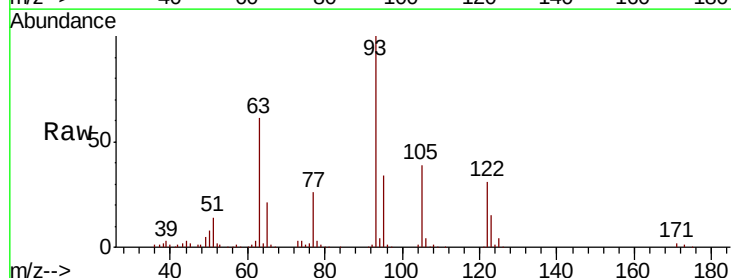


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

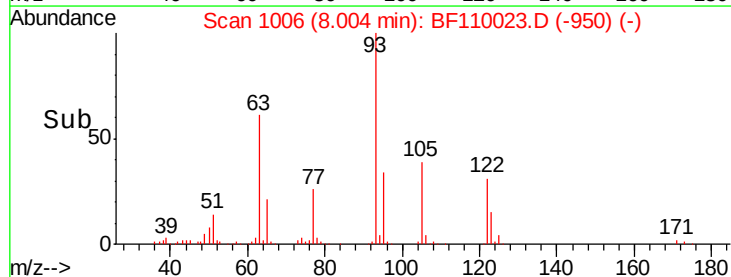
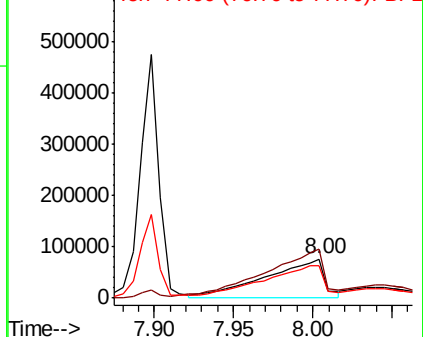


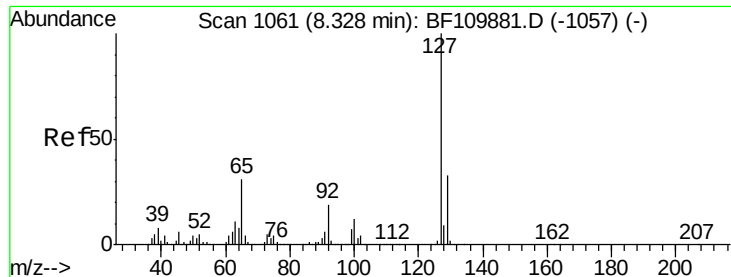
#32
Benzoic acid
Concen: 30.167 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.03 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Tgt Ion:122 Resp: 198346
Ion Ratio Lower Upper
122 100
105 125.7 109.0 149.0
77 83.6 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

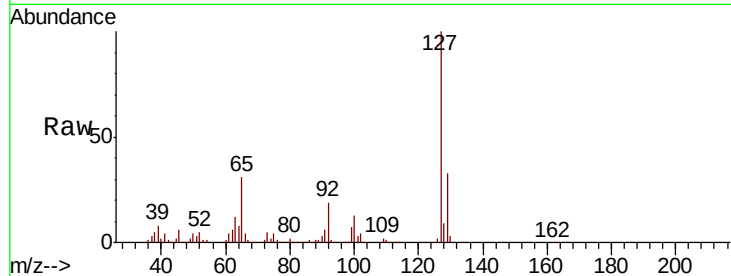




#33
4-Chloroaniline
Concen: 38.357 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	593868
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.0	39.0
65	31.5	25.1	37.7
92	19.4	15.0	22.6



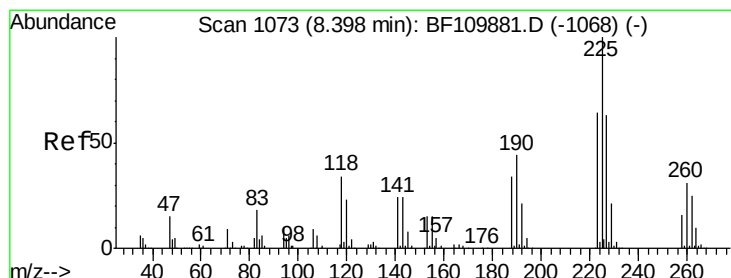
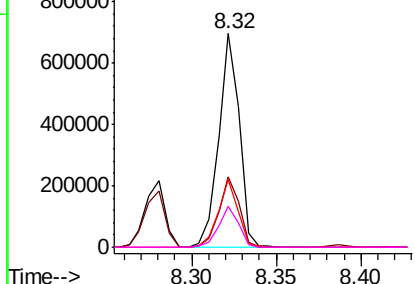
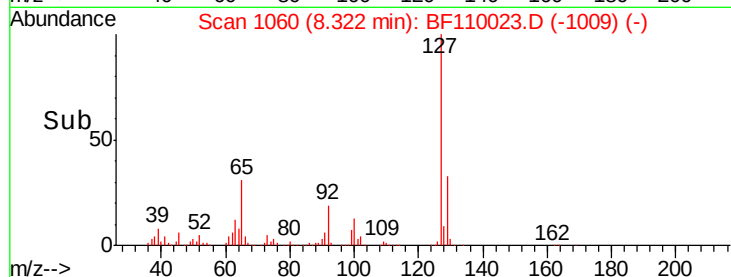
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

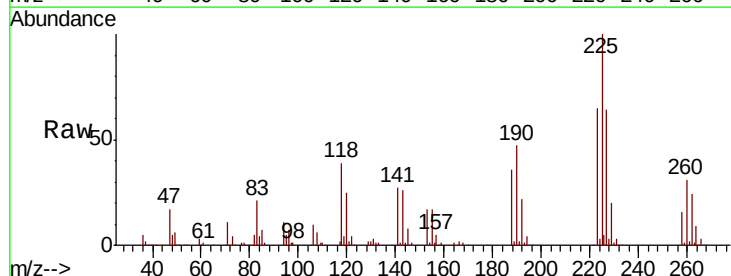
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 40.722 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Tgt Ion:	225	Resp:	257384
Ion	Ratio	Lower	Upper
225	100		
223	65.4	51.4	77.2
227	64.3	51.0	76.6

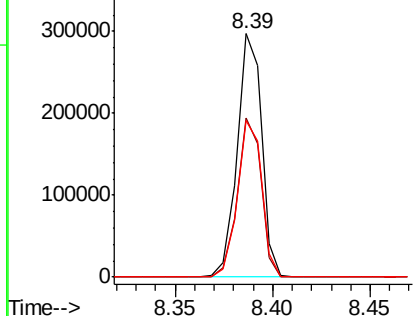
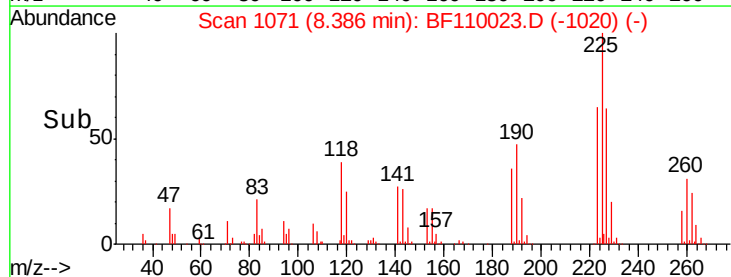


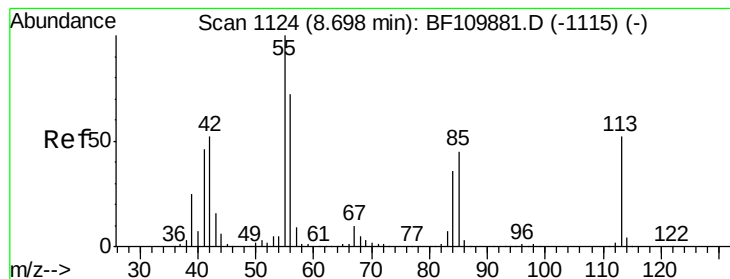
Abundance

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: 38.056 ng

RT: 8.70 min Scan# 1125

Delta R.T. 0.01 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

Instrument :

BNA_F

ClientSampled :

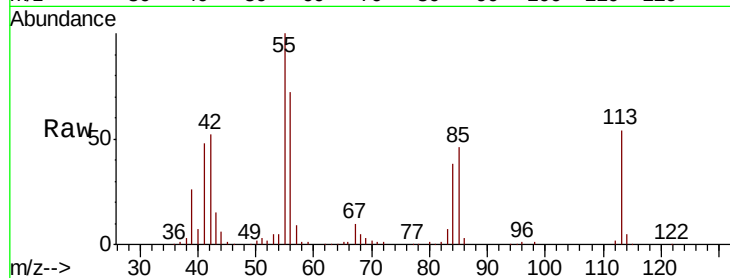
Tot Ion:113 Resp: 138357

Ion Ratio Lower Upper

113 100

55 185.6 142.8 182.8#

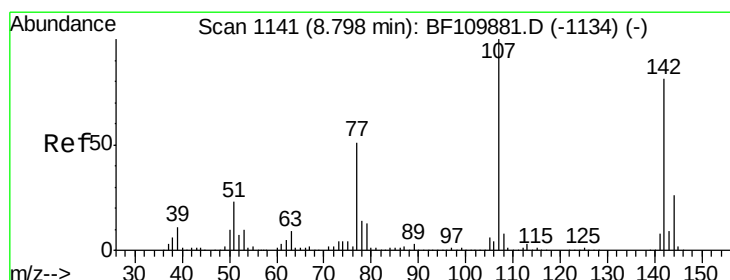
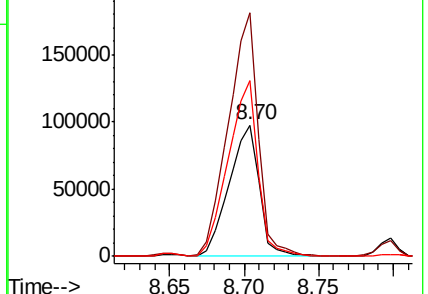
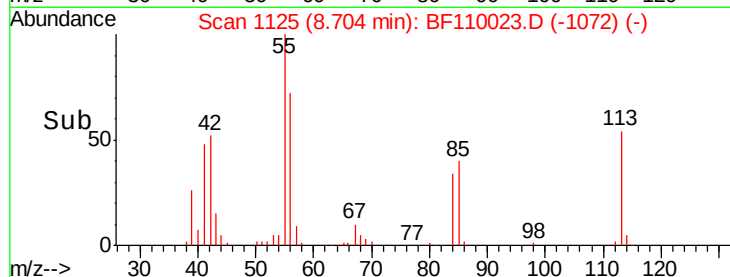
56 134.2 105.0 145.0



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: 38.882 ng

RT: 8.80 min Scan# 1141

Delta R.T. 0.01 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

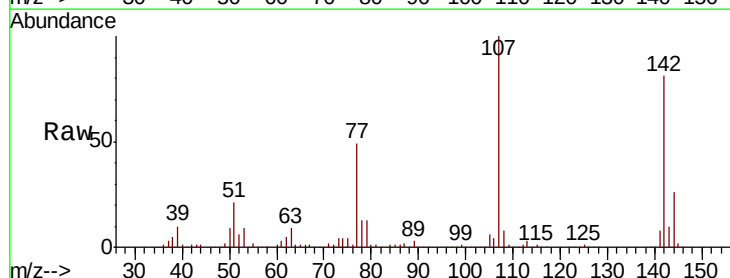
Tgt Ion:107 Resp: 419898

Ion Ratio Lower Upper

107 100

144 26.3 20.0 30.0

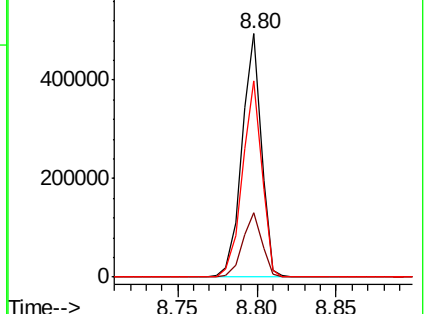
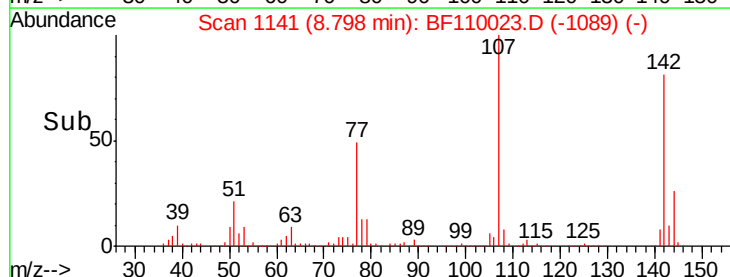
142 80.5 59.7 89.5

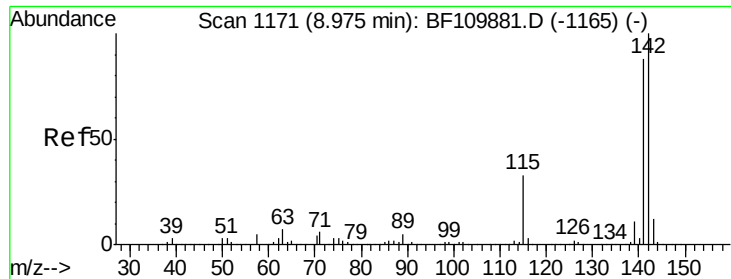


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

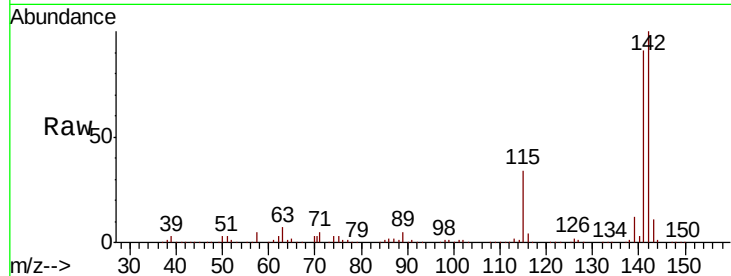




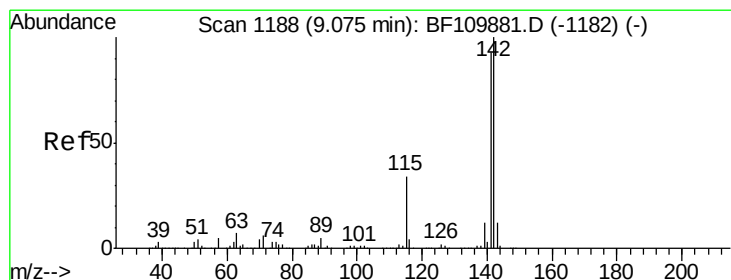
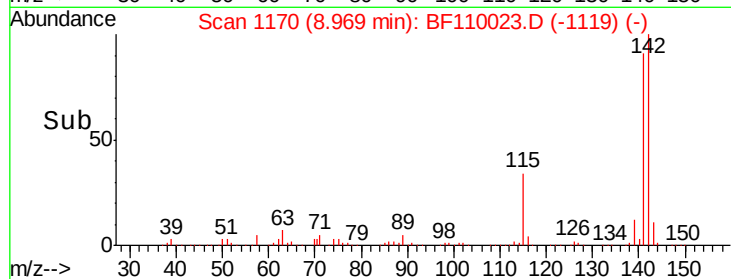
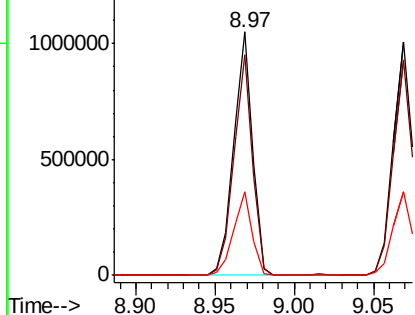
#37
2-Methylnaphthalene
Concen: 38.776 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.4	107.2
115	34.1	28.7	43.1

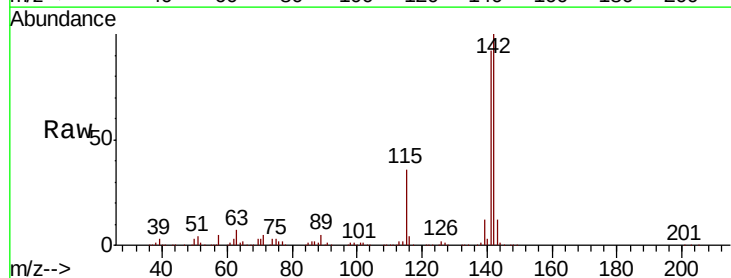


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

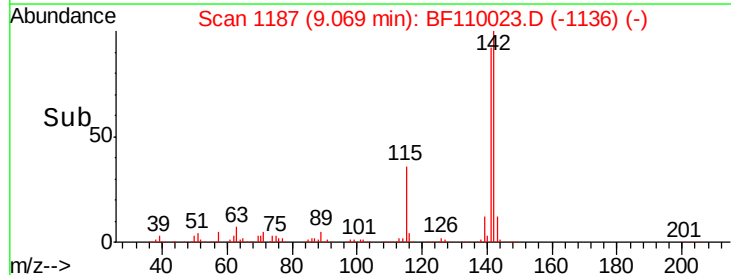
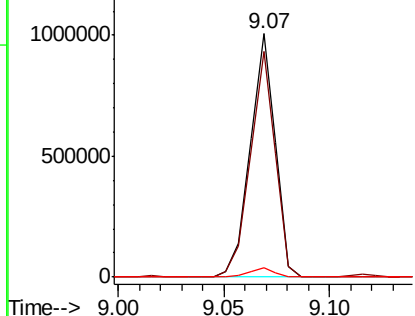


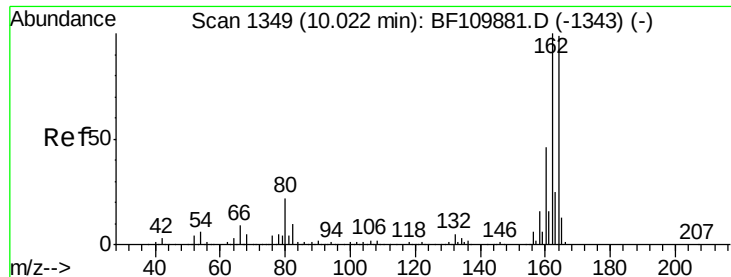
#38
1-Methylnaphthalene
Concen: 38.355 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	74.2	111.4
116	3.8	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

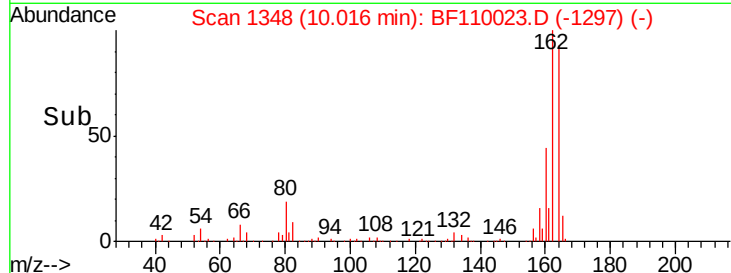
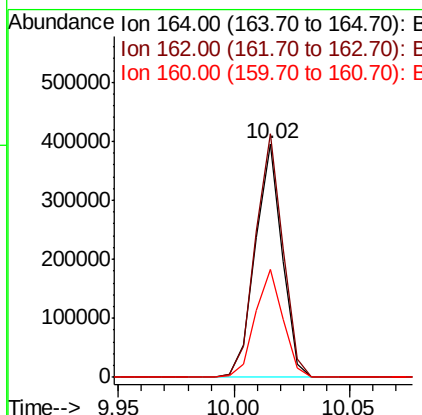
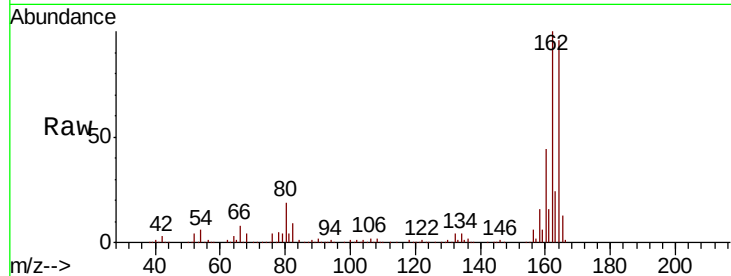




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: BF110023.D
 Acq: 20 Oct 2018 1:26

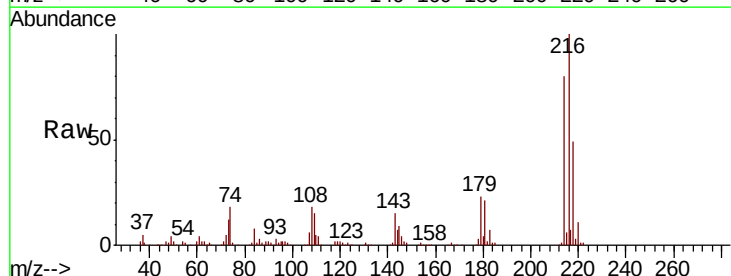
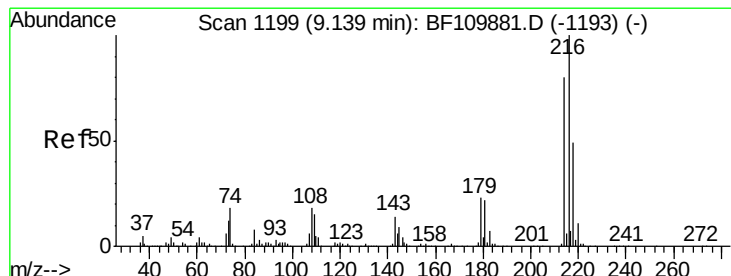
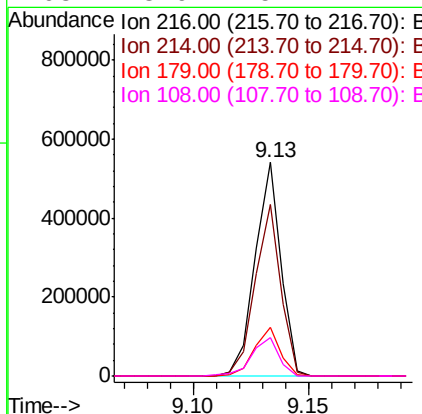
Instrument :
 BNA_F
 ClientSampleId :

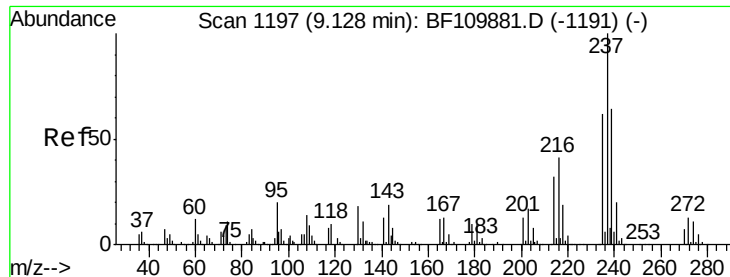
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.0	124.6
160	46.0	37.0	55.6



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.517 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF110023.D
 Acq: 20 Oct 2018 1:26

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.8	95.6
179	22.5	16.6	25.0
108	18.9	15.1	22.7

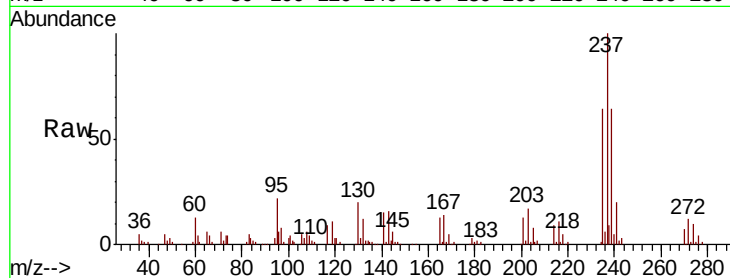




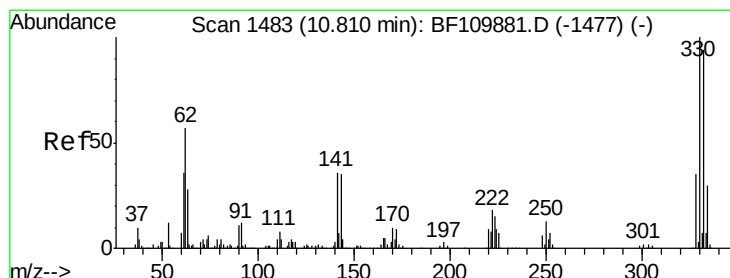
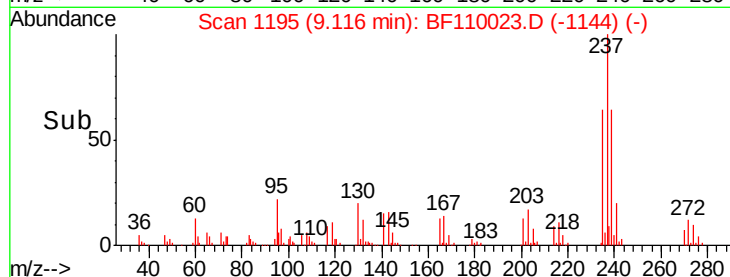
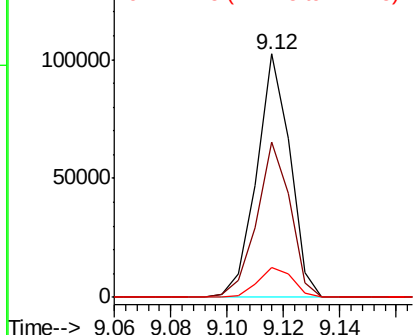
#41
Hexachlorocyclopentadiene
Concen: 17.493 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 83989
Ion Ratio Lower Upper
237 100
235 63.8 43.1 83.1
272 12.3 0.0 32.6

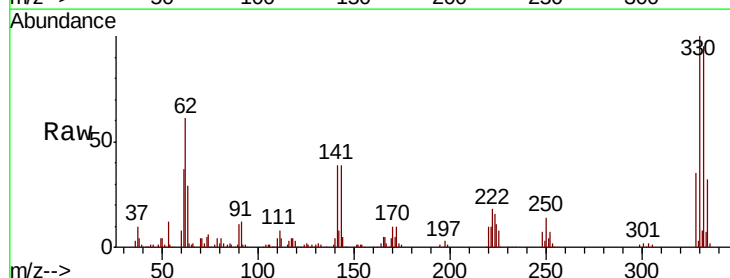


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

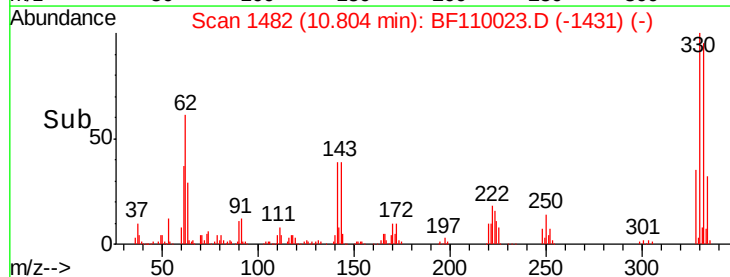
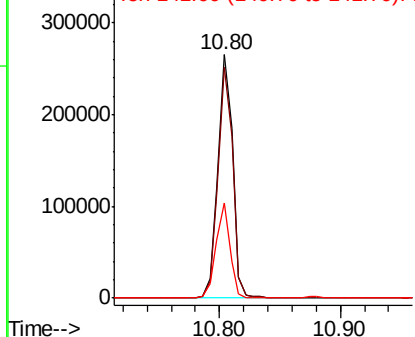


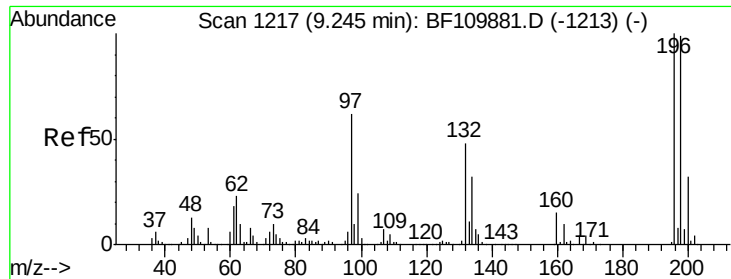
#42
2,4,6-Tribromophenol
Concen: 79.143 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Tgt Ion:330 Resp: 221299
Ion Ratio Lower Upper
330 100
332 94.8 77.1 115.7
141 36.9 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

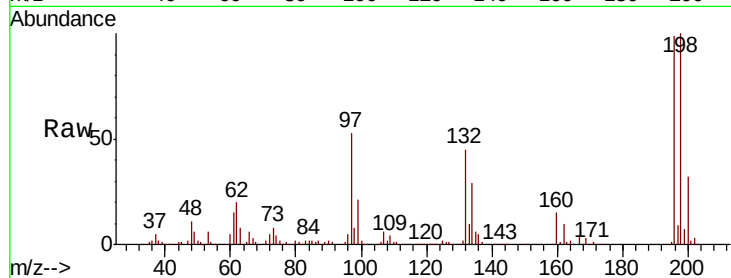




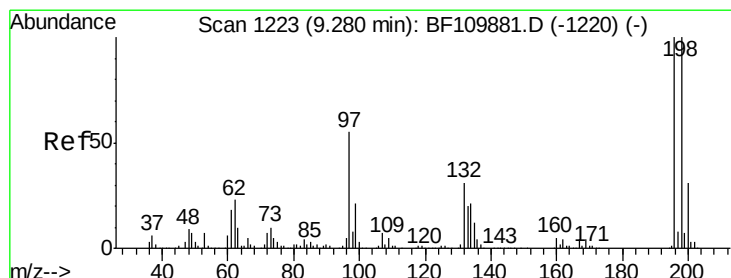
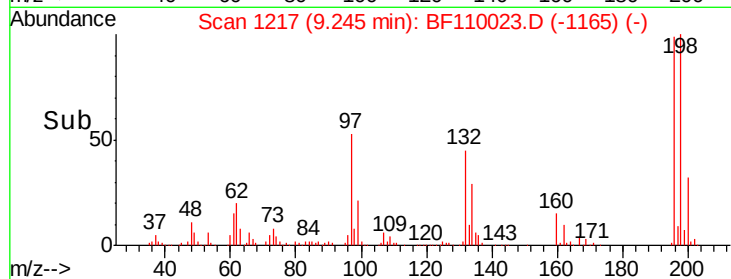
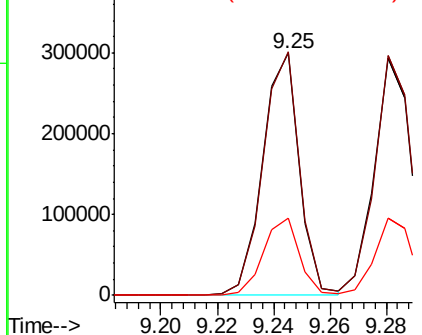
#43
 2,4,6-Trichlorophenol
 Concen: 43.403 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.01 min
 Lab File: BF110023.D
 Acq: 20 Oct 2018 1:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196	Resp:	269977
Ion Ratio	Lower	Upper
196	100	
198	100.5	76.2 114.4
200	31.9	24.4 36.6

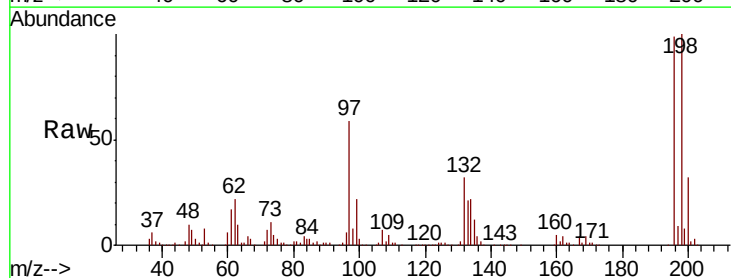


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

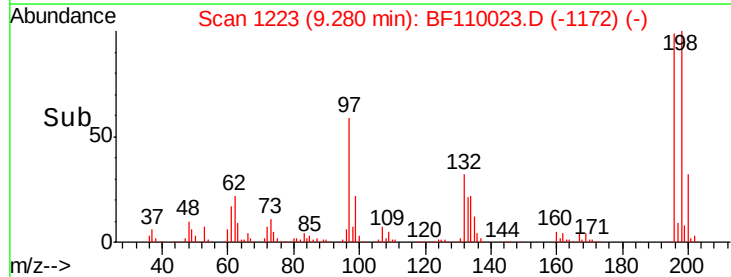
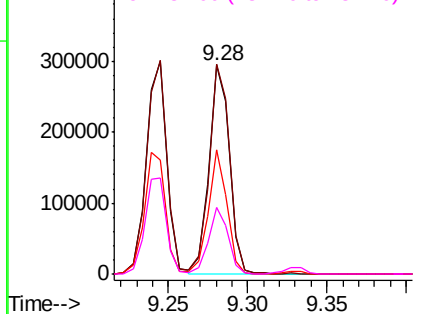


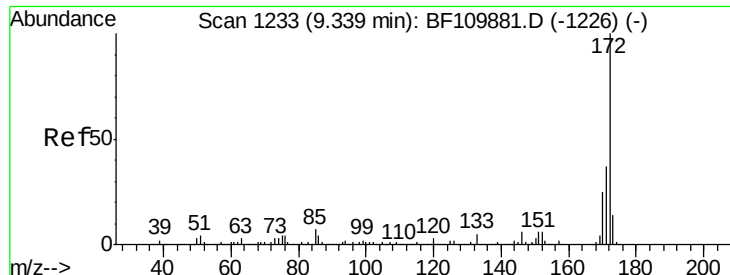
#44
 2,4,5-Trichlorophenol
 Concen: 41.192 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BF110023.D
 Acq: 20 Oct 2018 1:26

Tgt Ion:196	Resp:	265933
Ion Ratio	Lower	Upper
196	100	
198	100.8	75.8 113.6
97	59.5	42.4 63.6
132	32.0	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



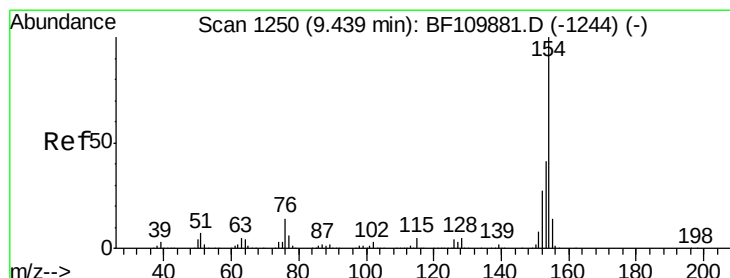
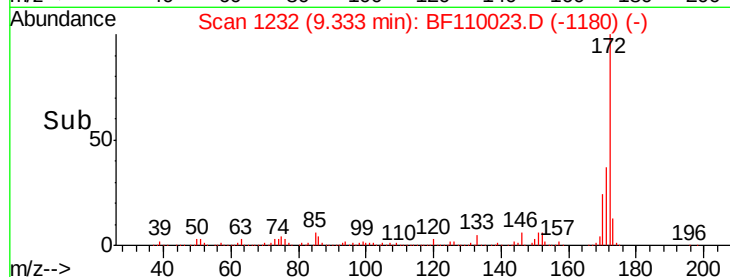
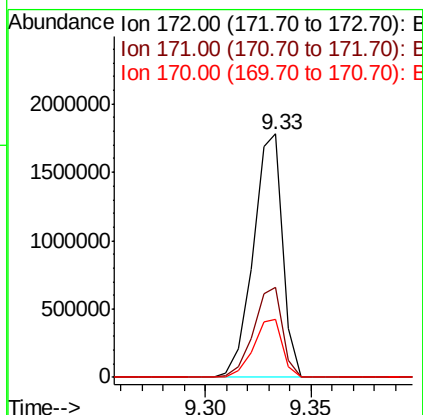
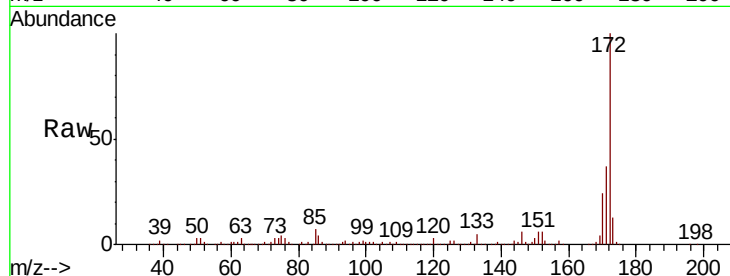


#45
 2-Fluorobiphenyl
 Concen: 85.002 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.01 min
 Lab File: BF110023.D
 Acq: 20 Oct 2018 1:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1720498

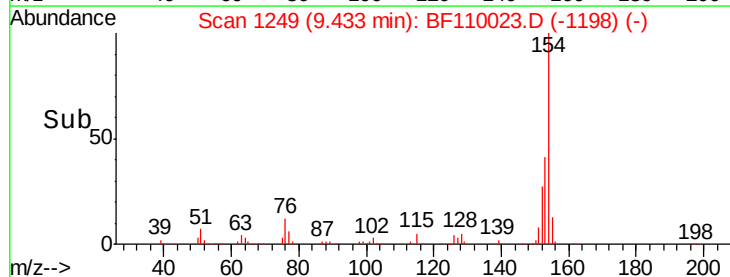
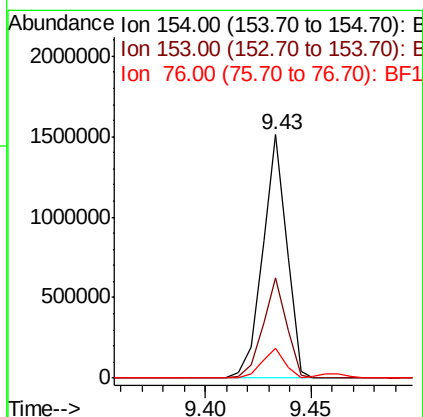
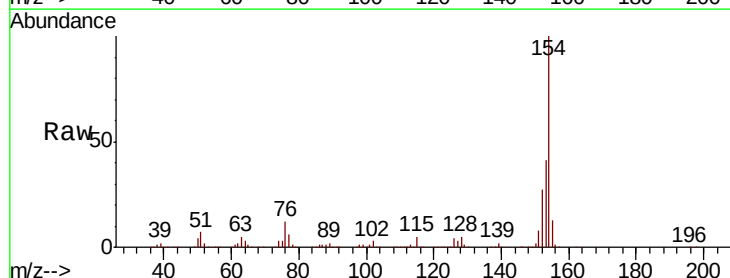
Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.6	43.0
170	24.0	19.7	29.5

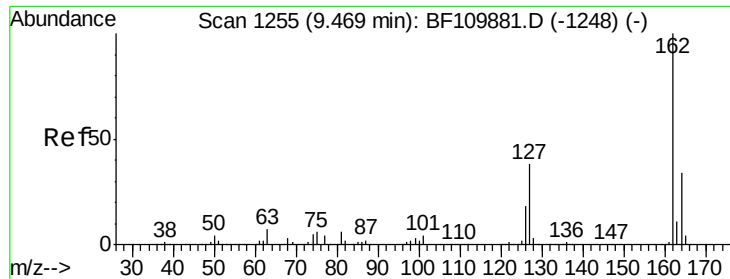


#46
 1,1'-Biphenyl
 Concen: 41.669 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: BF110023.D
 Acq: 20 Oct 2018 1:26

Tgt Ion:154 Resp: 1199031

Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.4	60.4
76	12.2	0.0	31.9

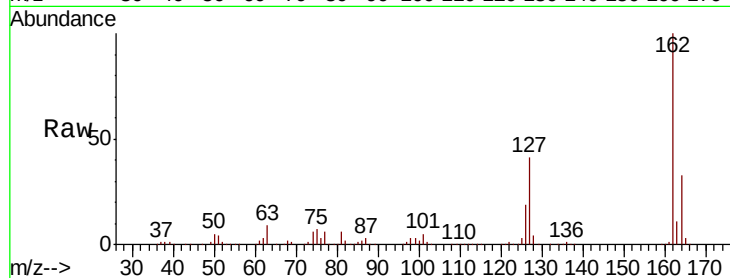




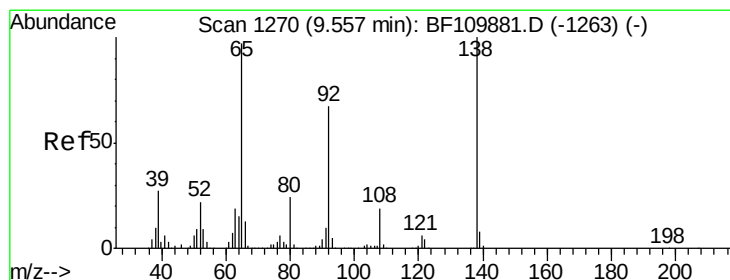
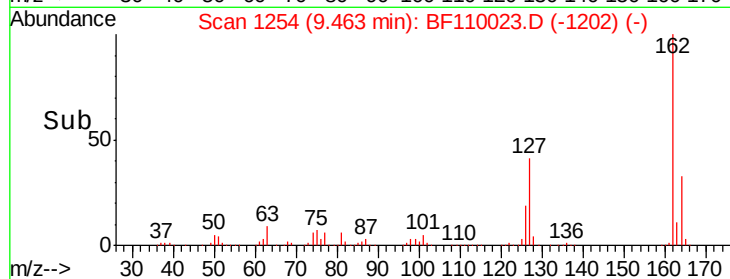
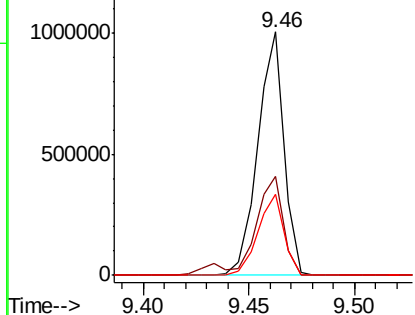
#47
 2-Chloronaphthalene
 Concen: 40.966 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. 0.01 min
 Lab File: BF110023.D
 Acq: 20 Oct 2018 1:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.6	32.6	48.8
164	33.4	25.9	38.9

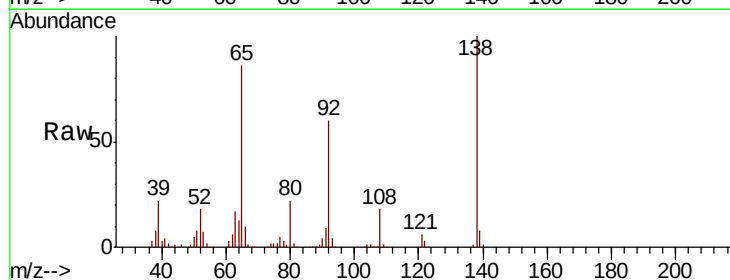


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

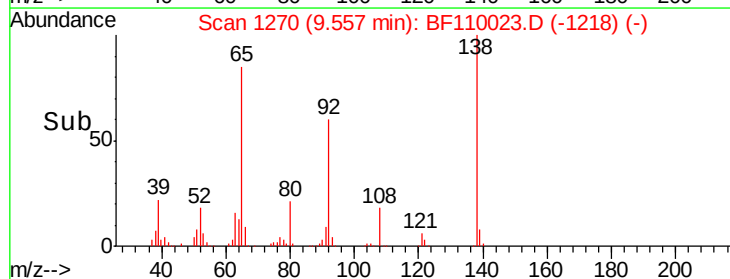
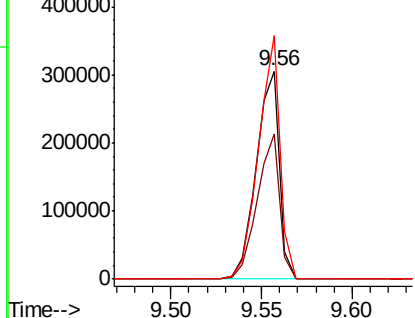


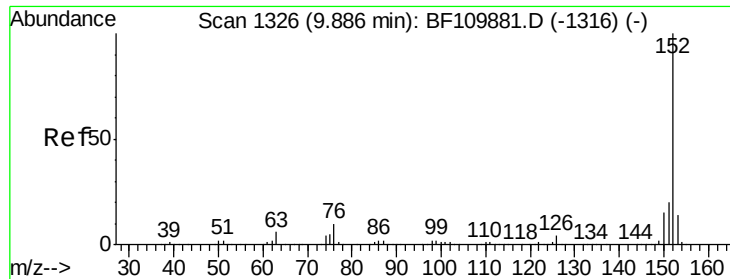
#48
 2-Nitroaniline
 Concen: 49.834 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. 0.01 min
 Lab File: BF110023.D
 Acq: 20 Oct 2018 1:26

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.9	54.6	81.8
138	116.9	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: 39.822 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

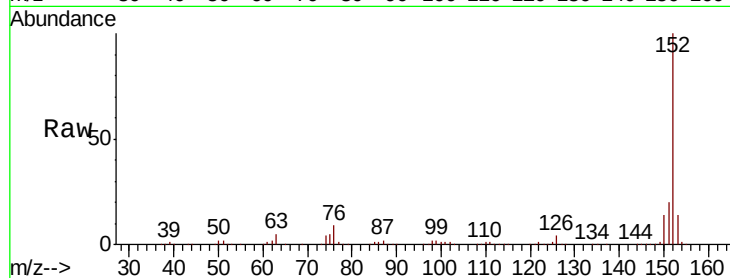
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 1226205

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.8	23.8
153	14.0	10.4	15.6

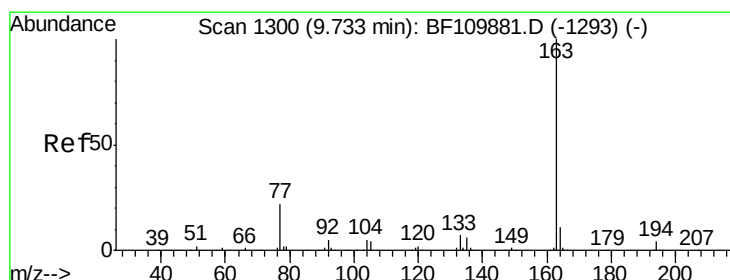
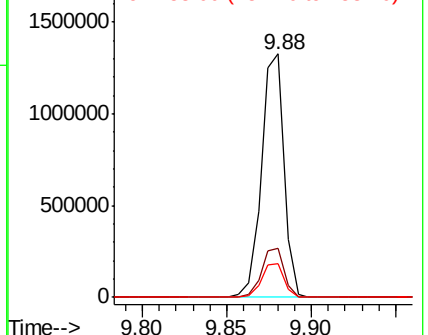
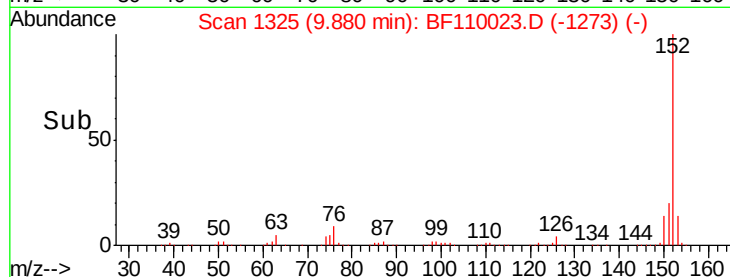


Abundance

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: 41.970 ng

RT: 9.73 min Scan# 1299

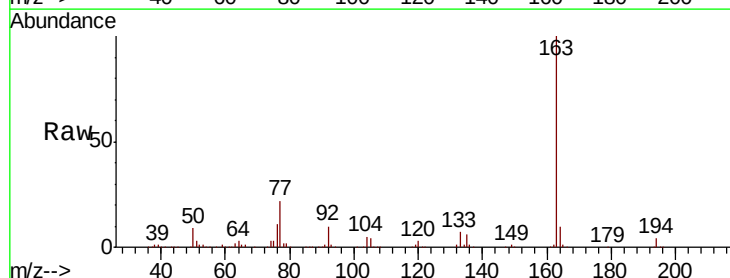
Delta R.T. -0.00 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

Tgt Ion:163 Resp: 959821

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	10.4	8.1	12.1

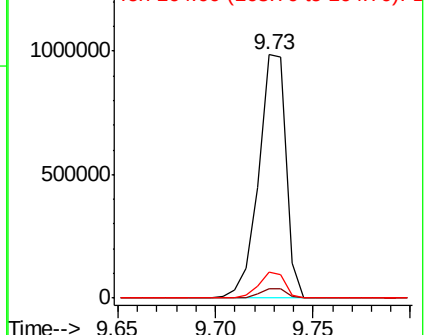
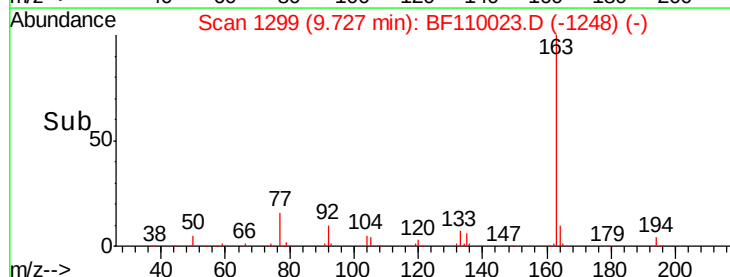


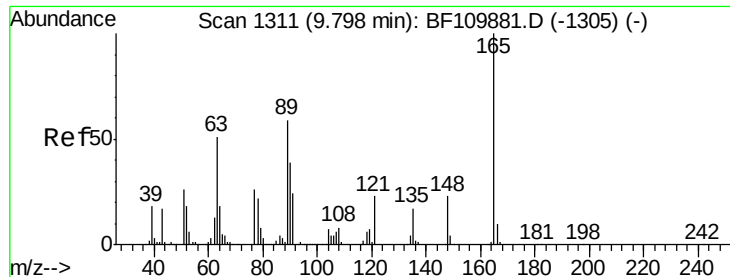
Abundance

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: 47.757 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

Instrument :

BNA_F

ClientSampleId :

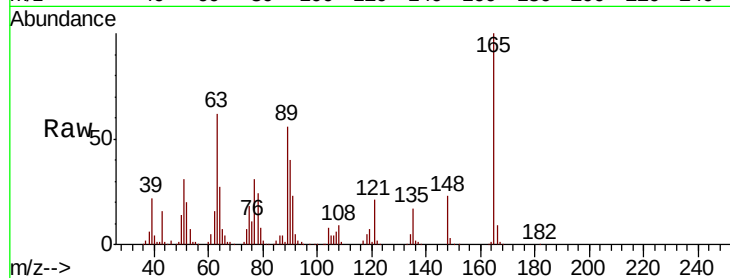
Tot Ion:165 Resp: 207438

Ion Ratio Lower Upper

165 100

63 61.7 48.9 73.3

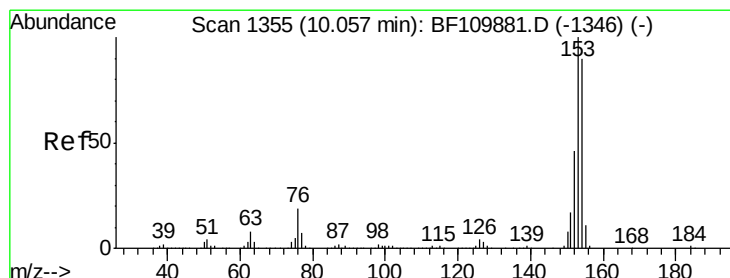
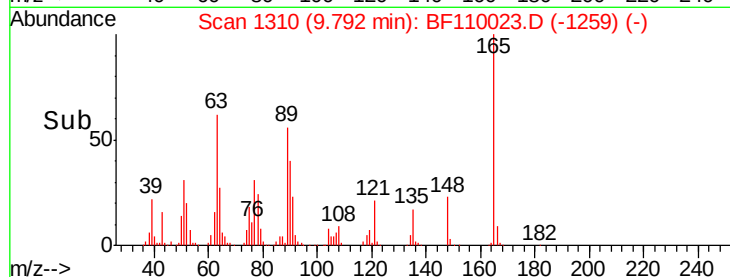
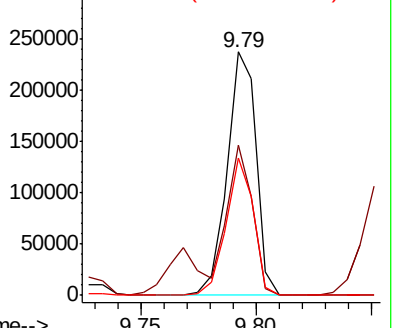
89 56.3 46.6 69.8



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: 39.169 ng

RT: 10.05 min Scan# 1354

Delta R.T. -0.00 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

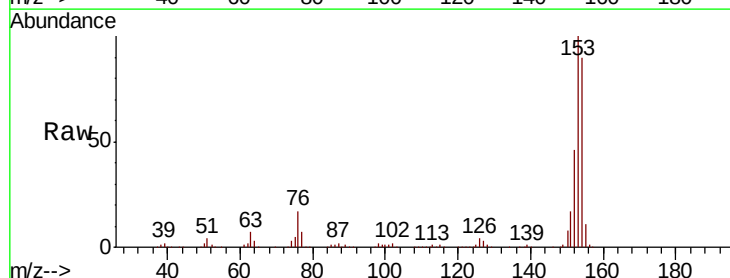
Tgt Ion:154 Resp: 767857

Ion Ratio Lower Upper

154 100

153 111.6 90.1 135.1

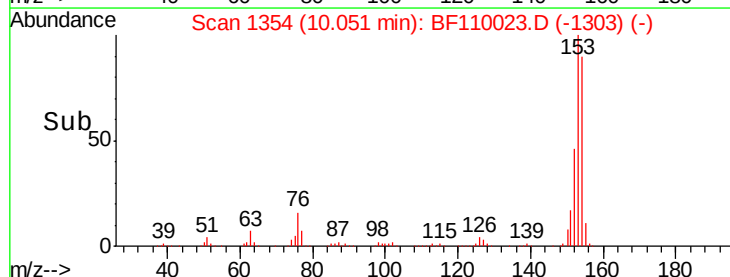
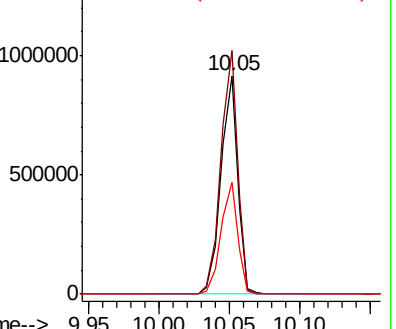
152 51.3 43.4 65.2

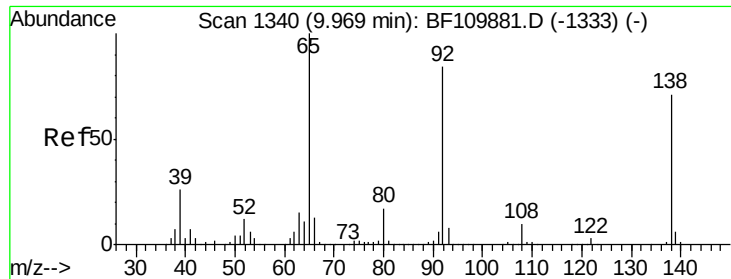


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

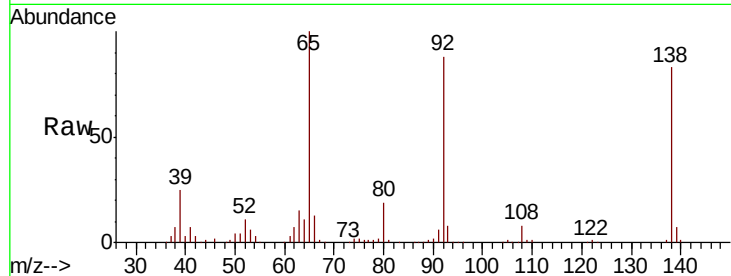




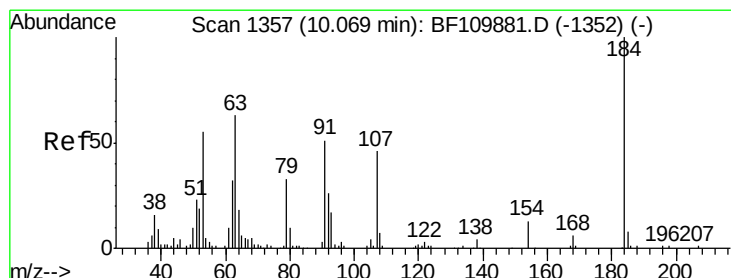
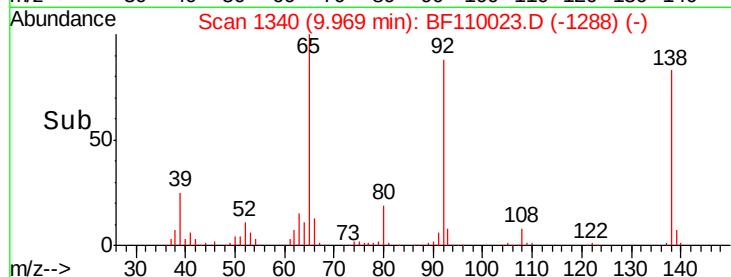
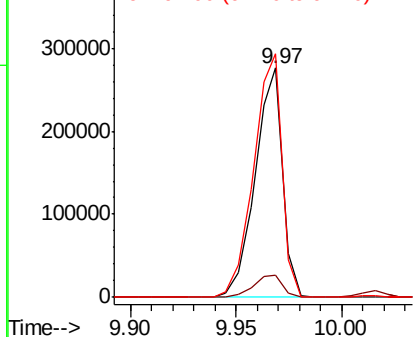
#53
3-Nitroaniline
Concen: 47.114 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 248939
Ion Ratio Lower Upper
138 100
108 9.8 8.7 13.1
92 106.1 97.0 145.4

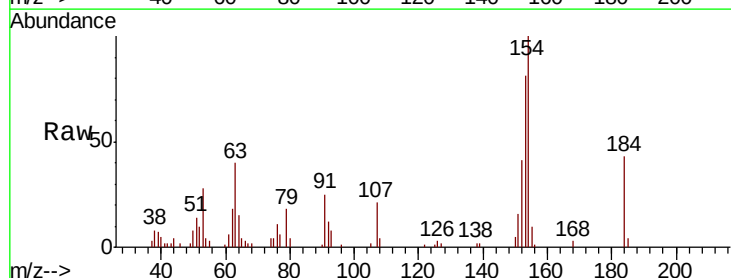


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

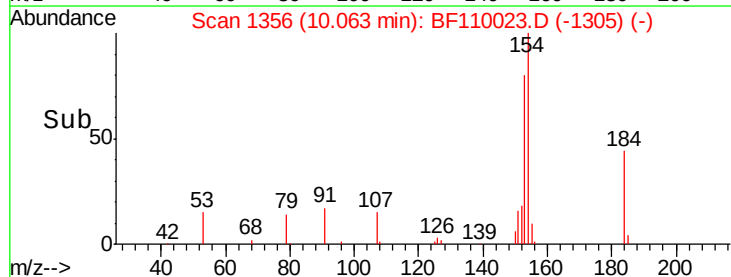
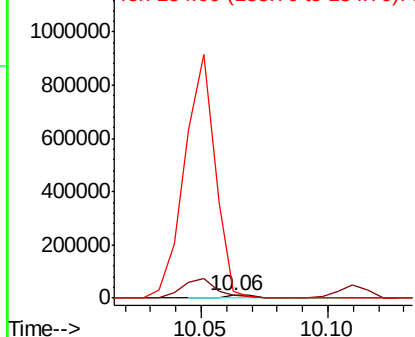


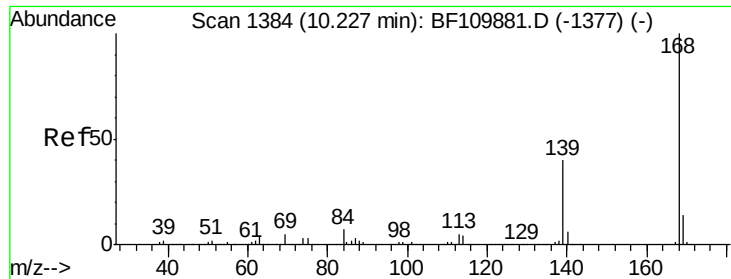
#54
2,4-Dinitrophenol
Concen: 14.806 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Tgt Ion:184 Resp: 9182
Ion Ratio Lower Upper
184 100
63 93.1 55.8 83.6#
154 232.6 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

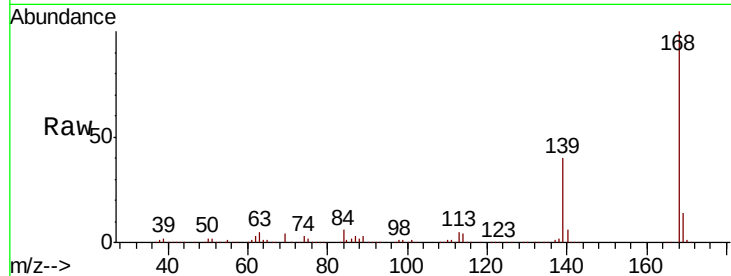




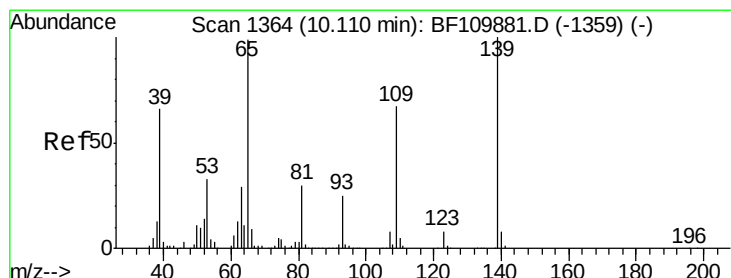
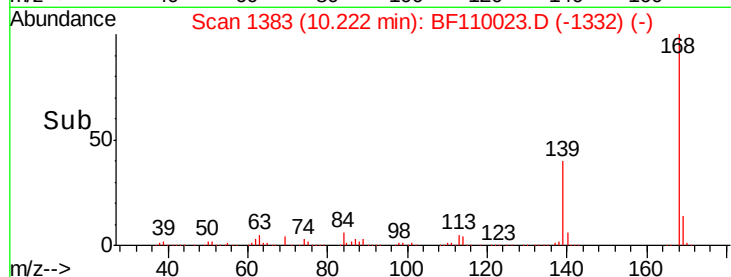
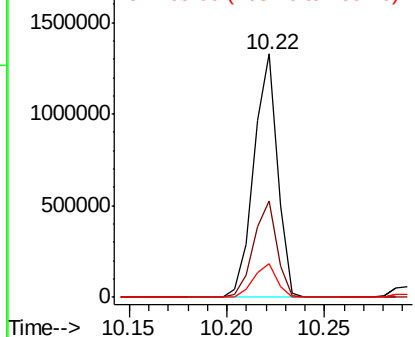
#55
Dibenzenofuran
Concen: 39.821 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1113303
Ion Ratio Lower Upper
168 100
139 39.5 33.0 49.6
169 13.7 11.3 16.9

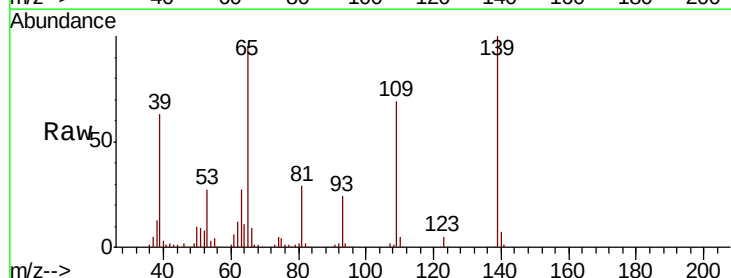


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

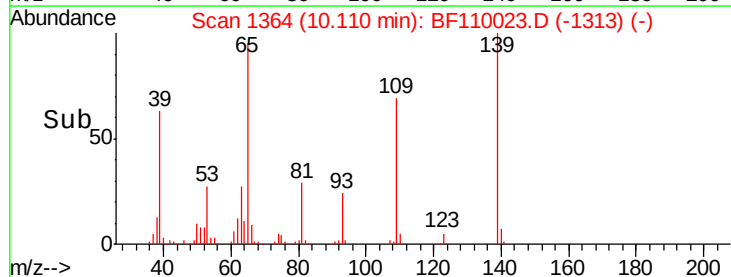
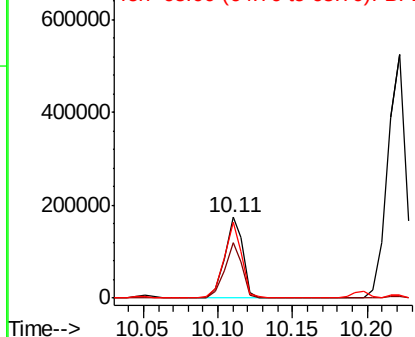


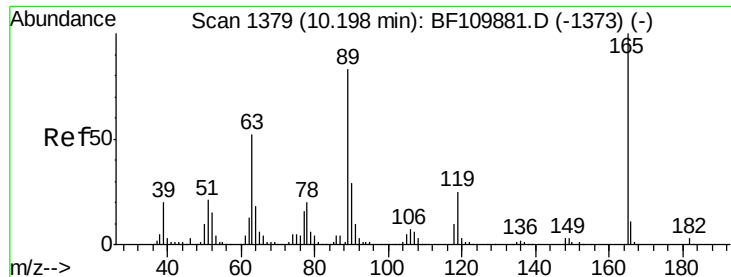
#56
4-Nitrophenol
Concen: 37.347 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Tgt Ion:139 Resp: 150572
Ion Ratio Lower Upper
139 100
109 68.6 55.8 95.8
65 95.0 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

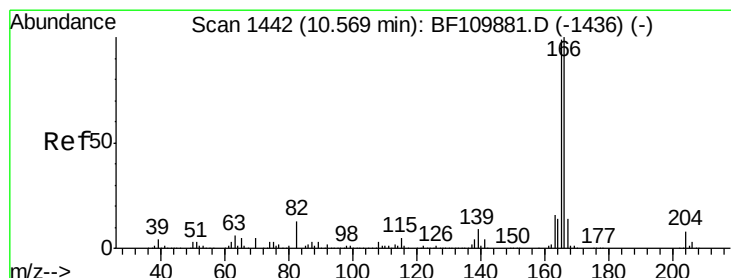
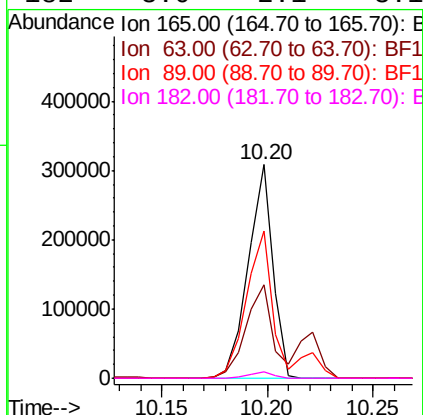
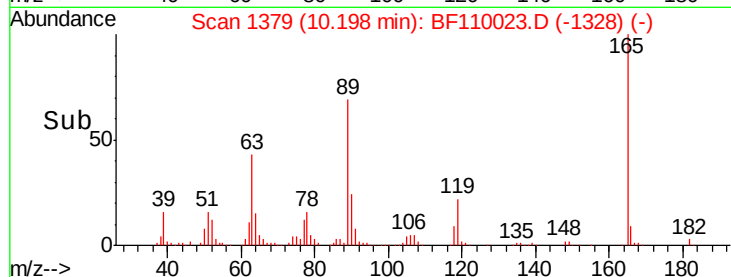
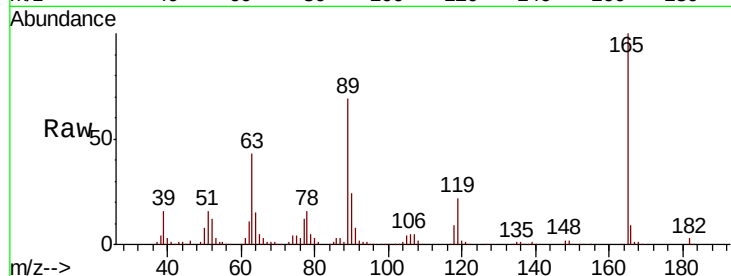




#57
2,4-Dinitrotoluene
Concen: 46.128 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

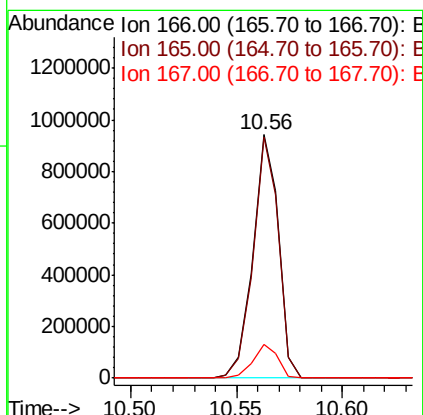
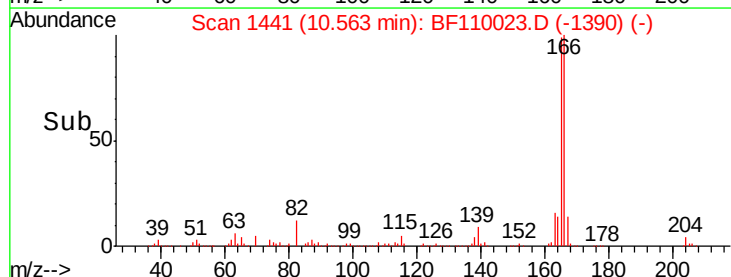
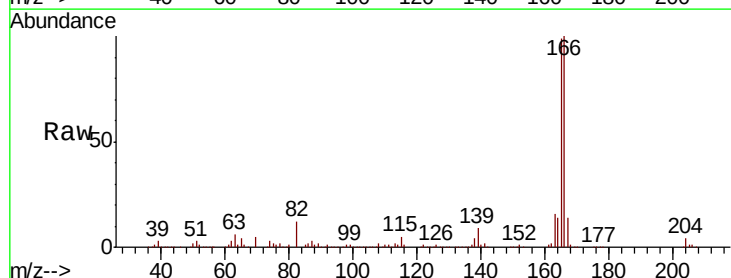
Instrument :
BNA_F
ClientSampleId :

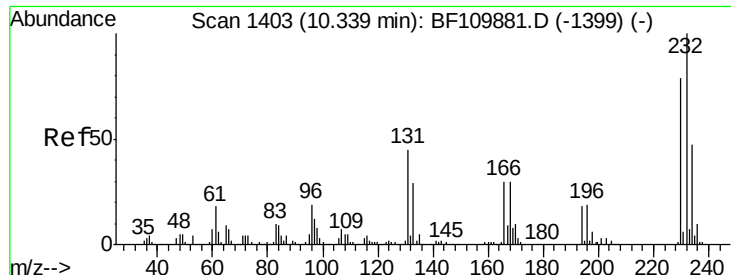
Tot Ion	Ratio	Lower	Upper
165	100		
63	43.5	44.8	67.2#
89	69.2	62.2	93.4
182	3.0	2.1	3.1



#58
Fluorene
Concen: 38.902 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.6	117.8
167	13.8	10.8	16.2

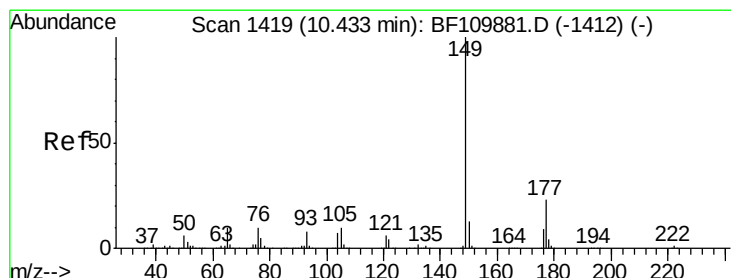
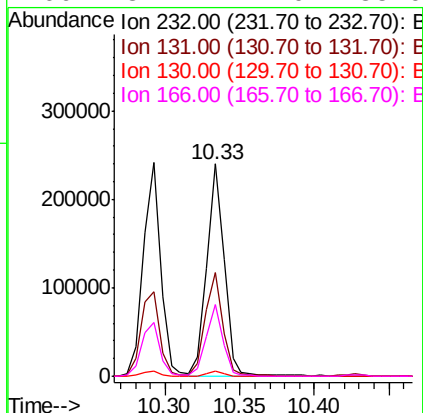
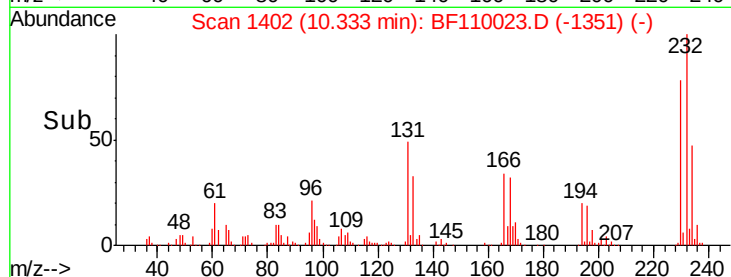
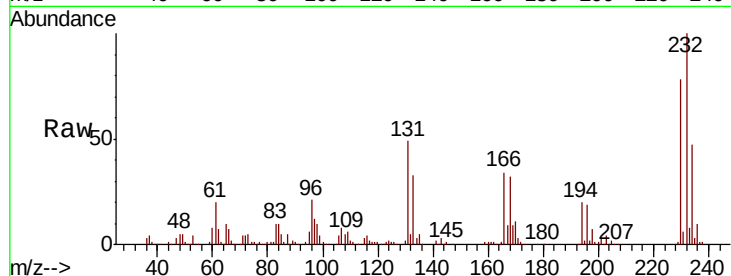




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.856 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

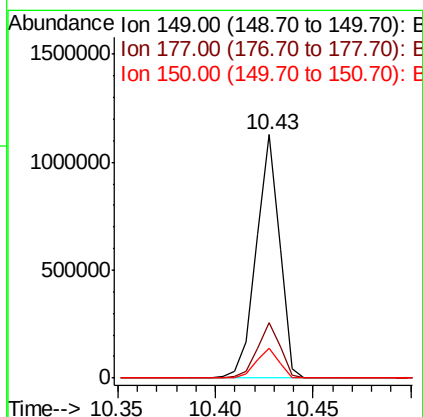
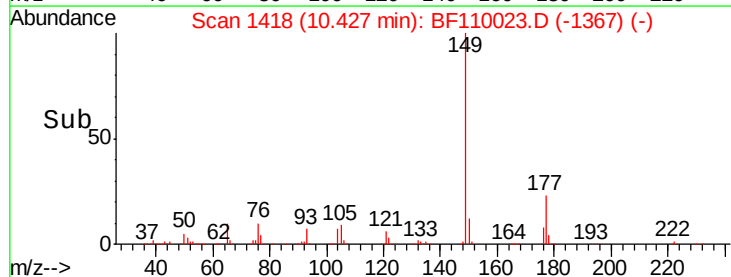
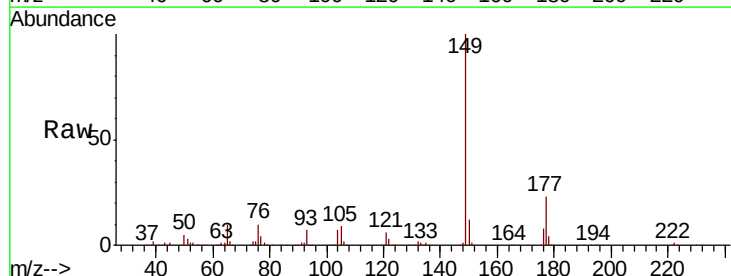
Instrument :
BNA_F
ClientSampleId :

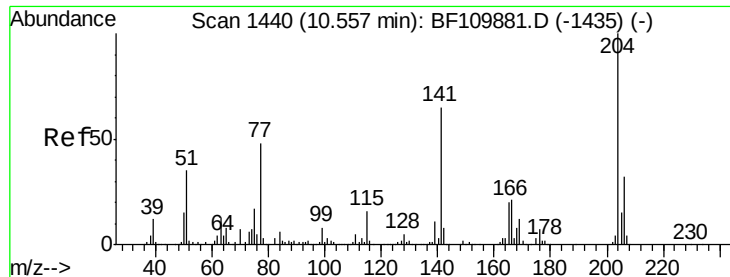
Tot Ion	Ratio	Lower	Upper
232	100		
131	49.2	37.0	55.4
130	2.3	1.8	2.6
166	32.7	22.0	33.0



#60
Diethylphthalate
Concen: 41.281 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.4	26.2
150	12.1	9.8	14.8

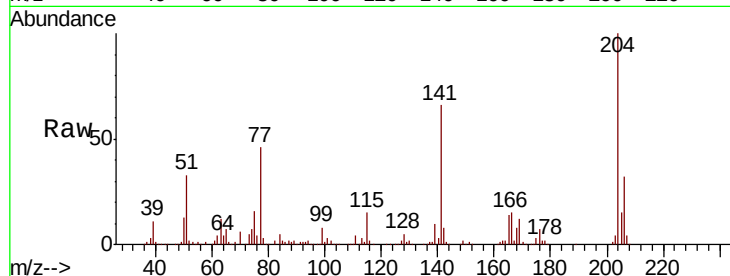




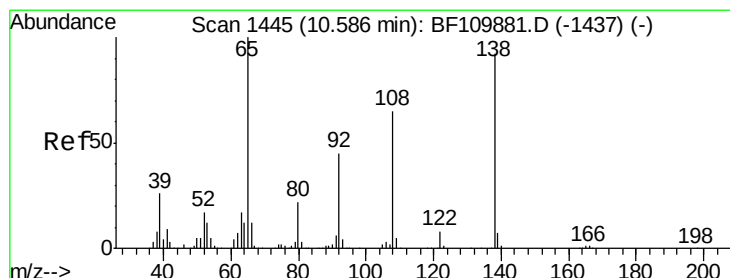
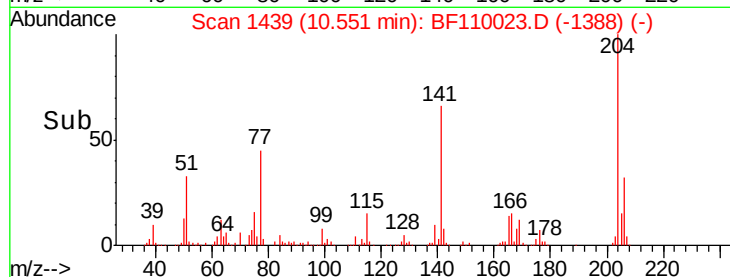
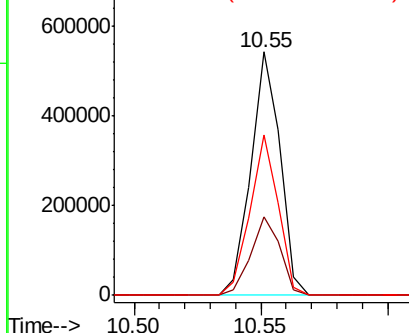
#61
4-Chlorophenyl-phenylether
Concen: 41.009 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 434755
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 66.0 51.8 77.8

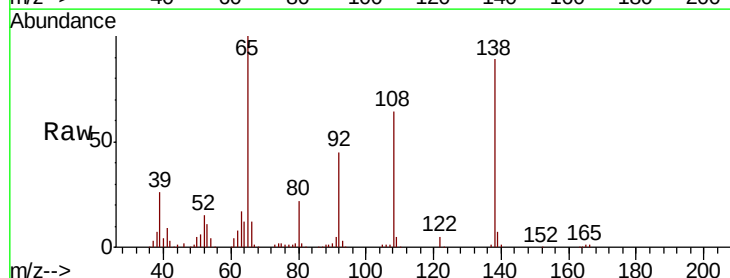


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

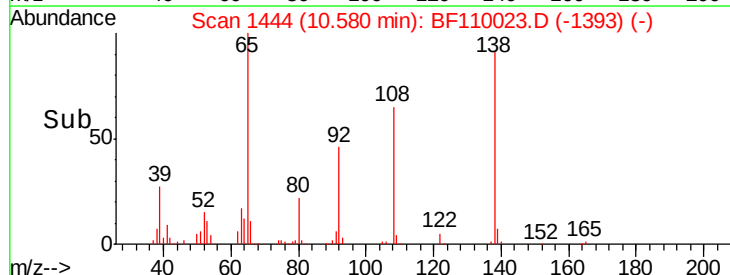
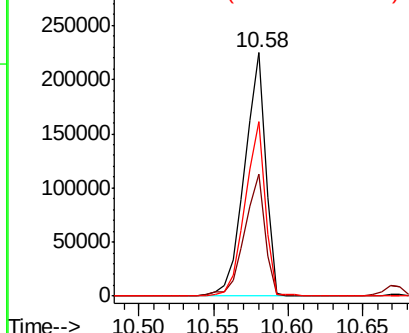


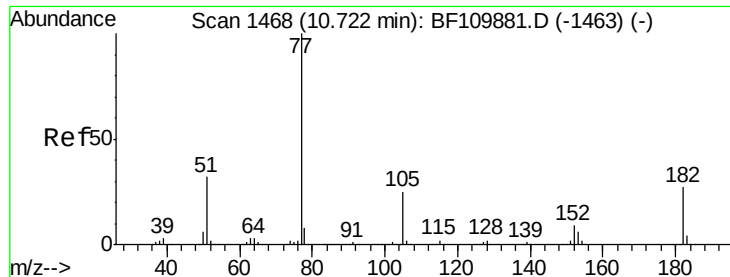
#62
4-Nitroaniline
Concen: 44.049 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Tgt Ion:138 Resp: 220316
Ion Ratio Lower Upper
138 100
92 50.3 31.7 71.7
108 71.7 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: 37.265 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 879337

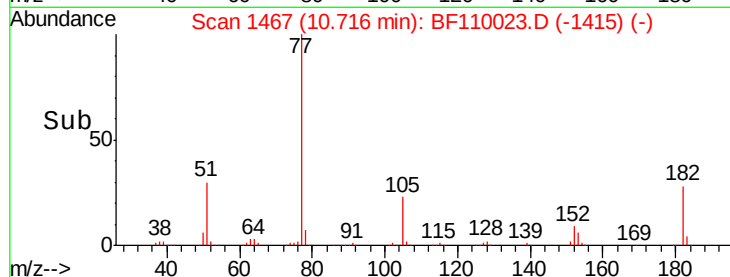
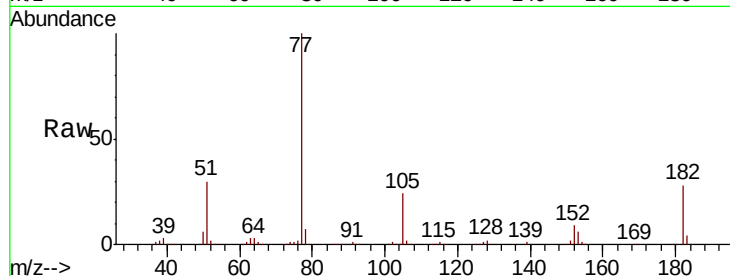
Ion Ratio Lower Upper

77 100

182 28.2 4.3 44.3

105 23.6 1.3 41.3

51 29.9 9.0 49.0

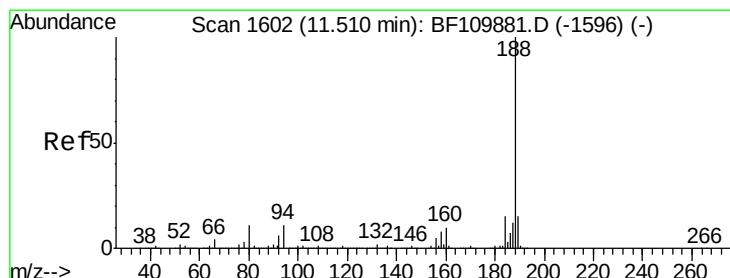
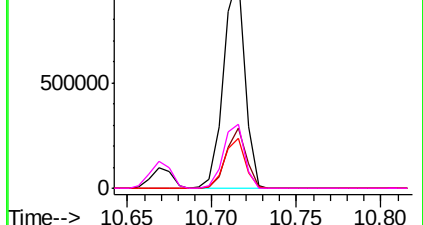


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

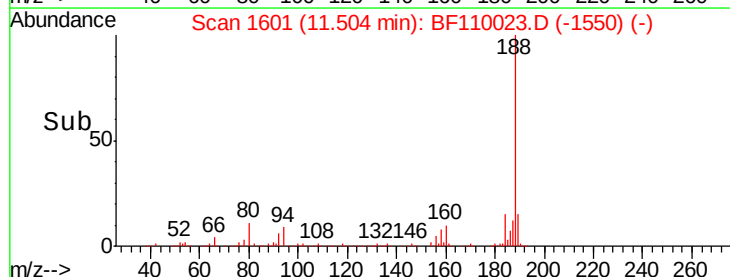
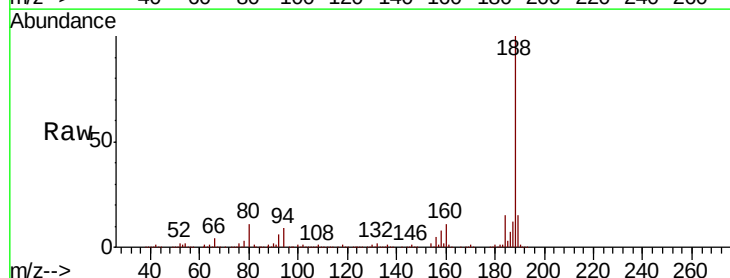
Tgt Ion: 188 Resp: 518068

Ion Ratio Lower Upper

188 100

94 9.4 7.2 10.8

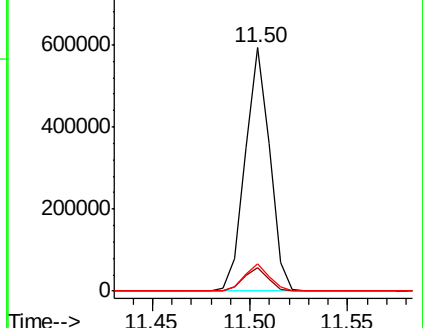
80 11.2 7.9 11.9

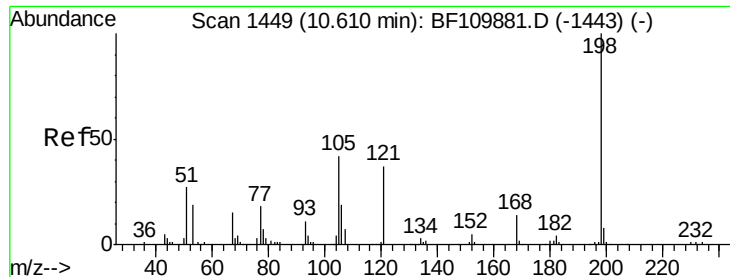


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

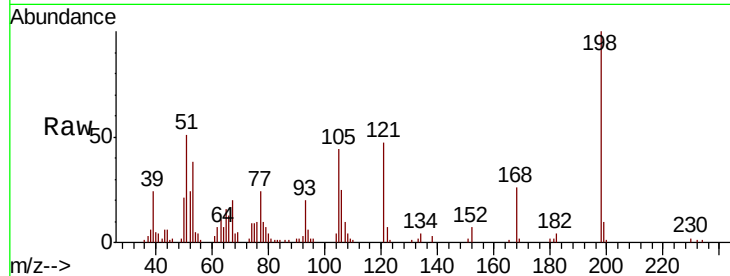




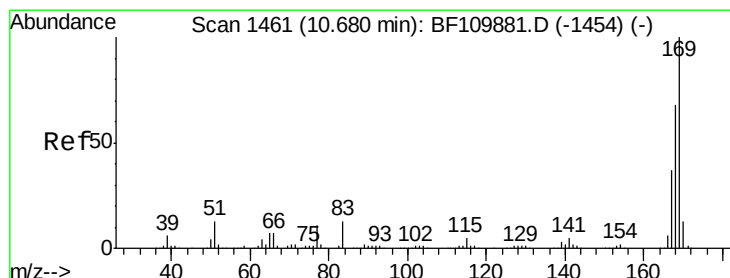
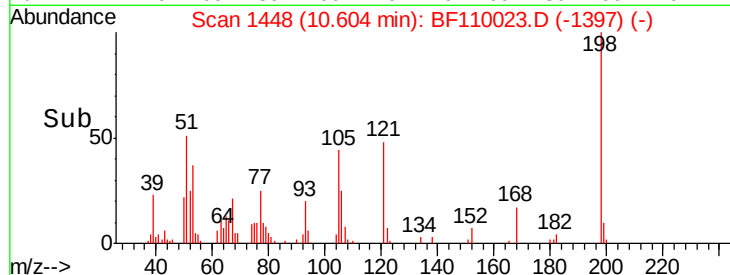
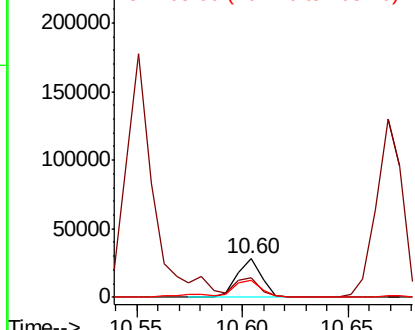
#65
4,6-Dinitro-2-methylphenol
Concen: 18.016 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 22720
Ion Ratio Lower Upper
198 100
51 50.9 22.8 62.8
105 44.4 23.6 63.6

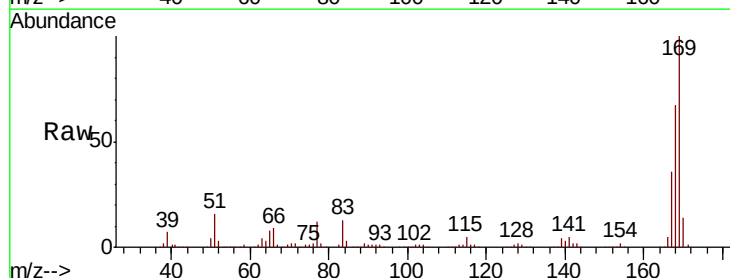


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

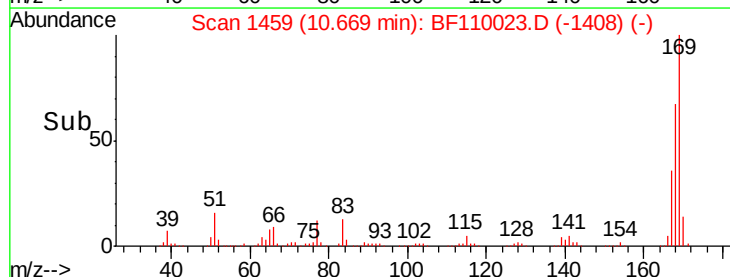
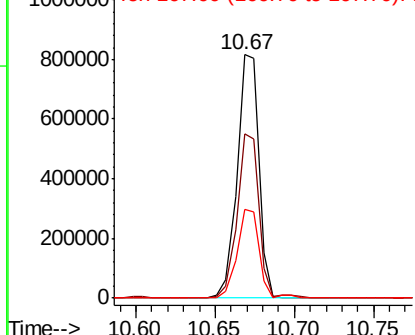


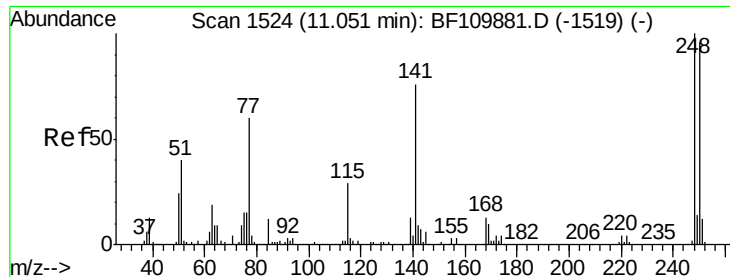
#66
n-Nitrosodiphenylamine
Concen: 44.931 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Tgt Ion:169 Resp: 775273
Ion Ratio Lower Upper
169 100
168 67.3 51.2 76.8
167 36.4 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

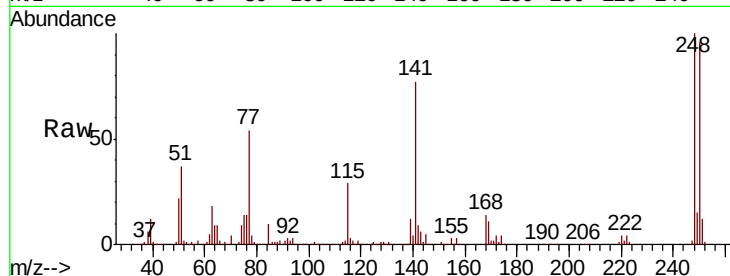




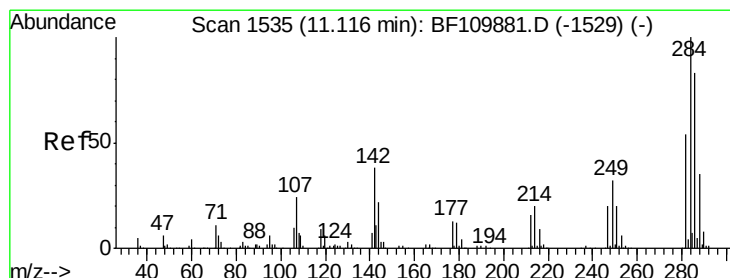
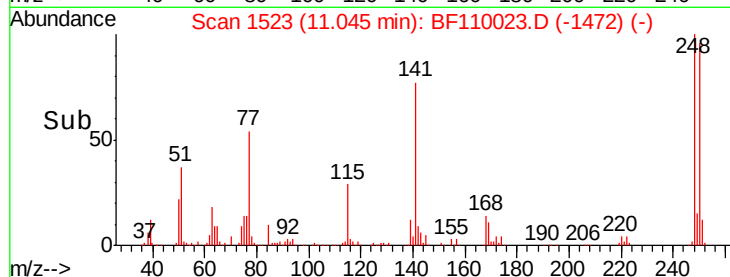
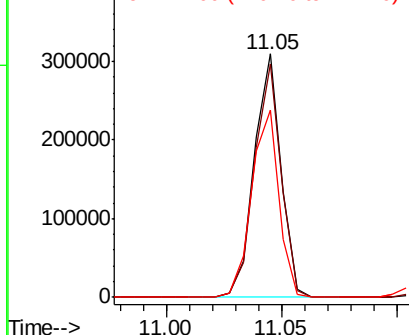
#67
4-Bromophenyl-phenylether
Concen: 44.508 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 249891
Ion Ratio Lower Upper
248 100
250 96.1 79.4 119.2
141 77.0 55.9 83.9

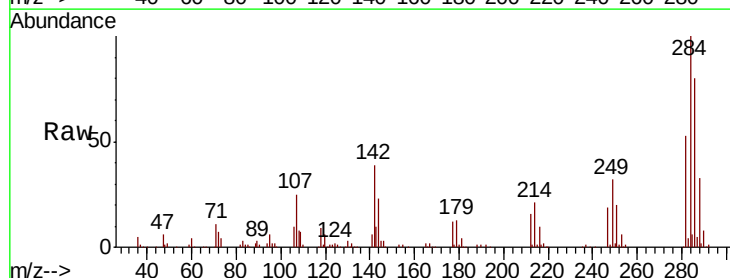


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

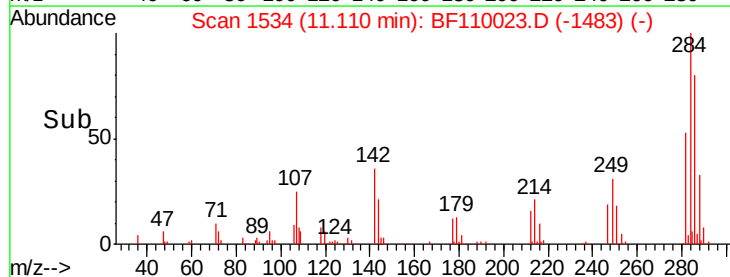
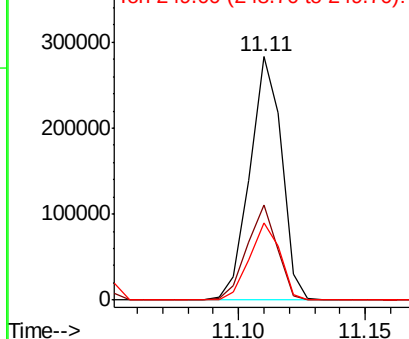


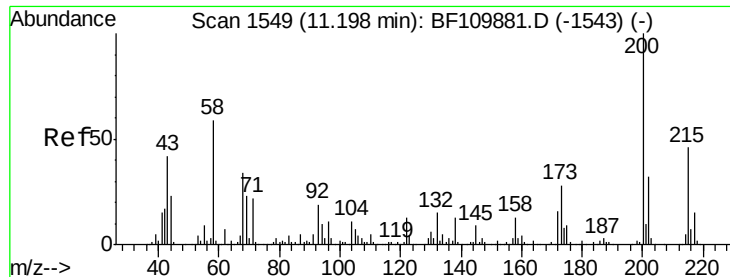
#68
Hexachlorobenzene
Concen: 41.447 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Tgt Ion:284 Resp: 248151
Ion Ratio Lower Upper
284 100
142 39.0 23.9 35.9#
249 32.0 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

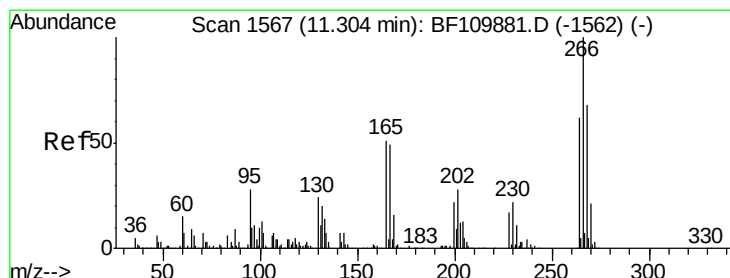
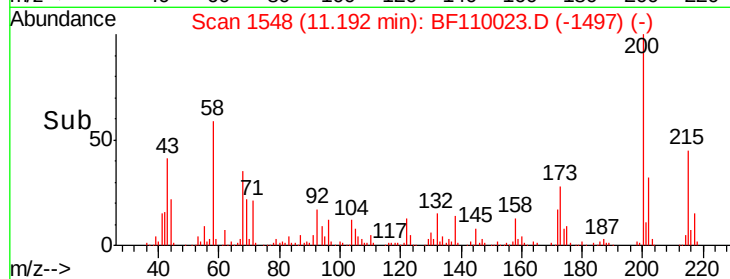
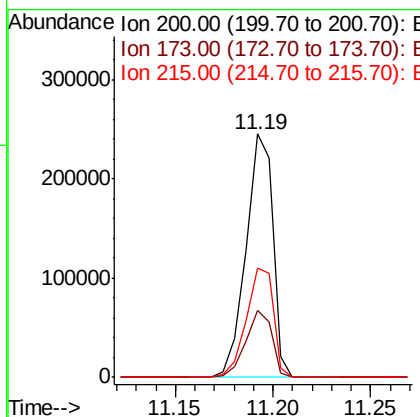
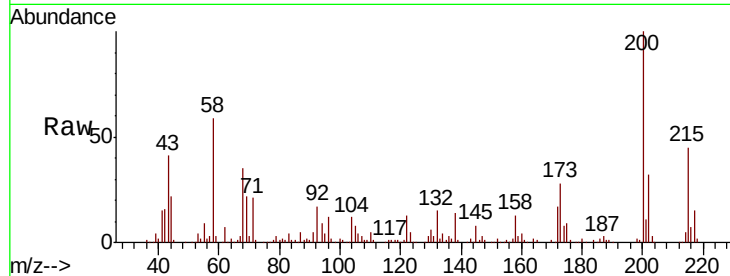




#69
Atrazine
Concen: 43.337 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

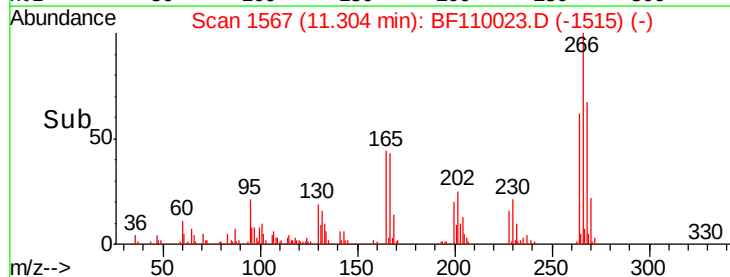
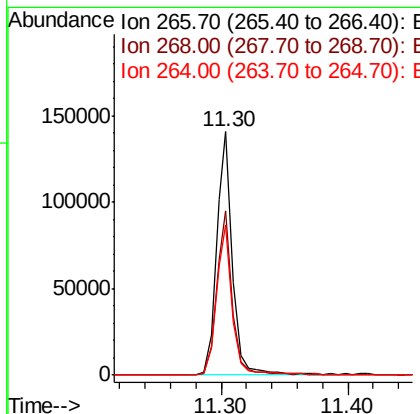
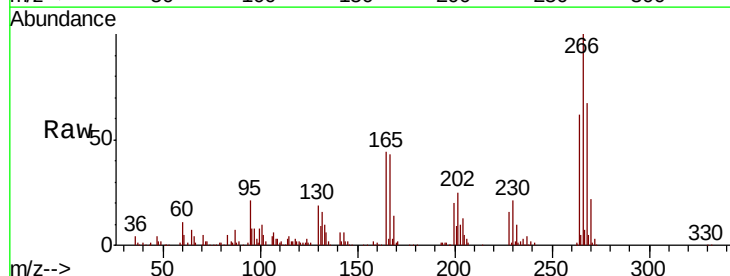
Instrument :
BNA_F
ClientSampleId :

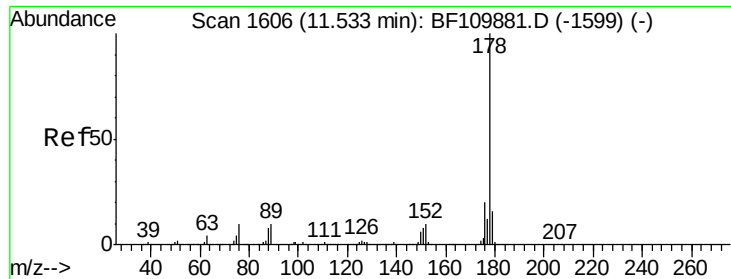
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.5	6.6	46.6
215	44.9	26.3	66.3



#70
Pentachlorophenol
Concen: 36.596 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.01 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.3	50.6	75.8
264	61.5	50.6	75.8

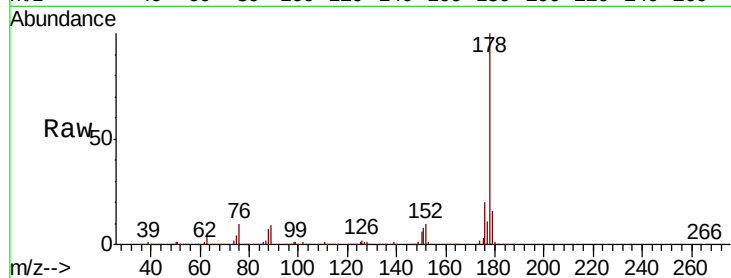




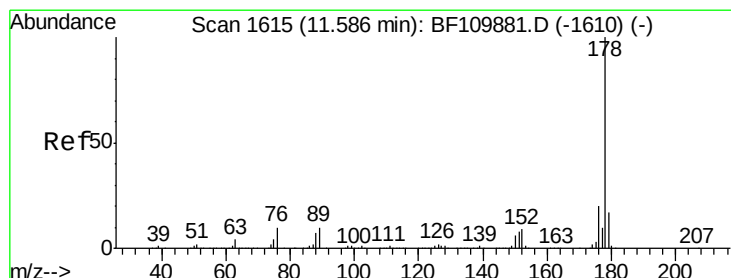
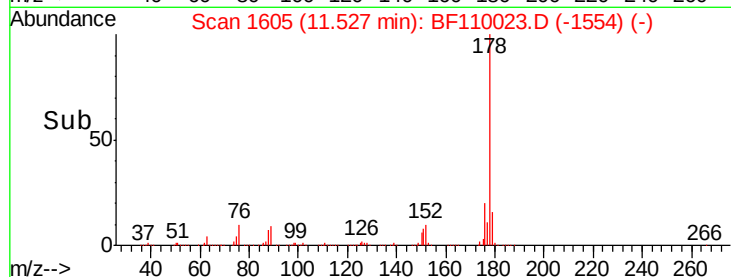
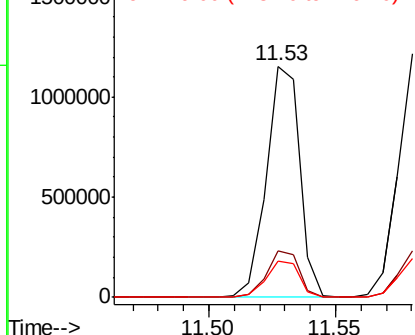
#71
Phenanthrene
Concen: 39.738 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1065794
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 15.5 12.5 18.7

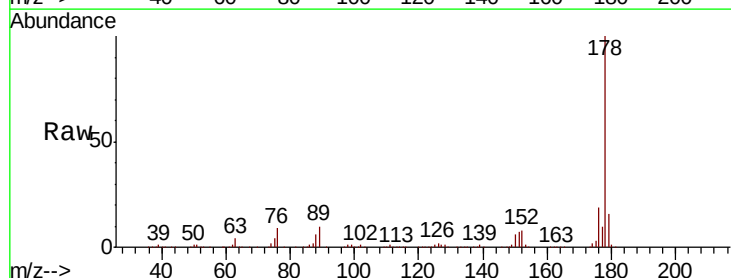


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

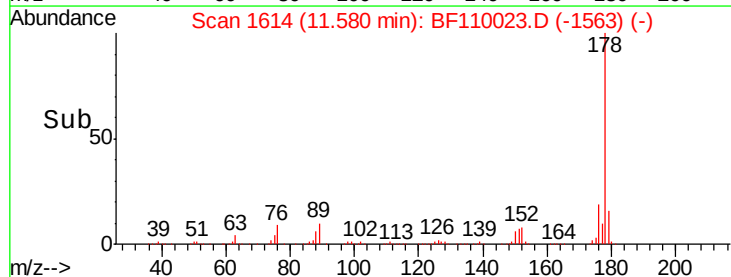
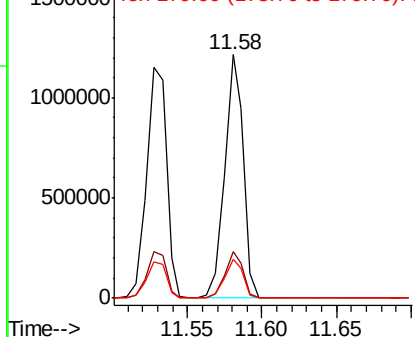


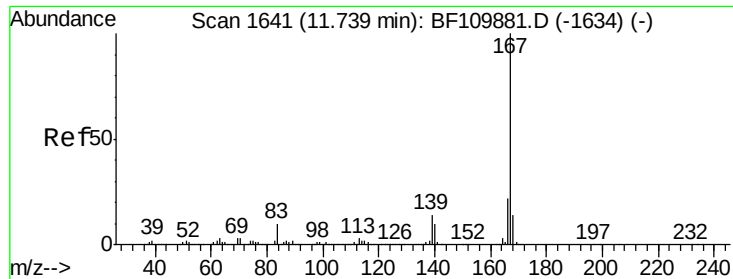
#72
Anthracene
Concen: 39.798 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Tgt Ion:178 Resp: 1073142
Ion Ratio Lower Upper
178 100
176 19.0 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

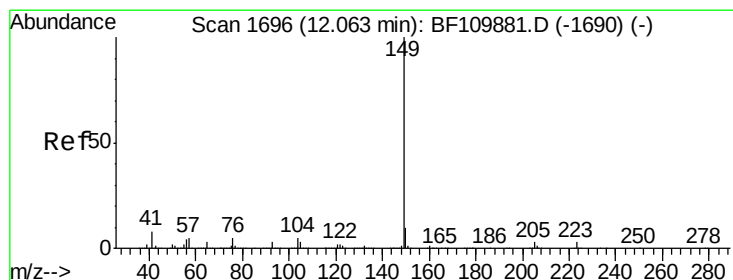
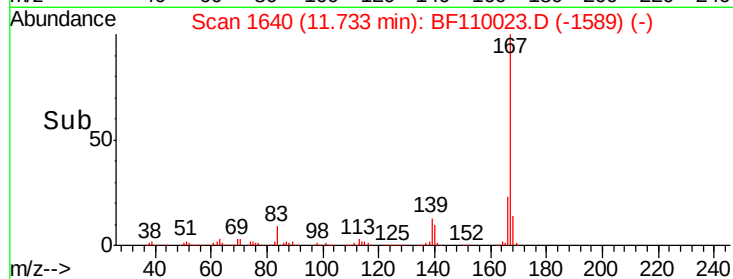
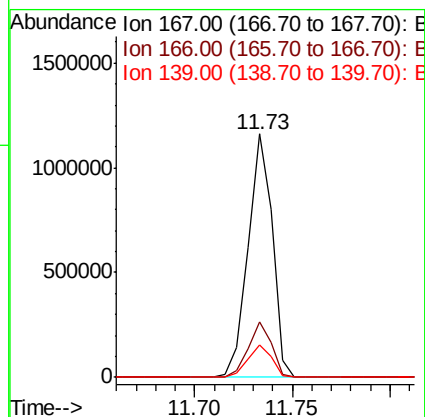
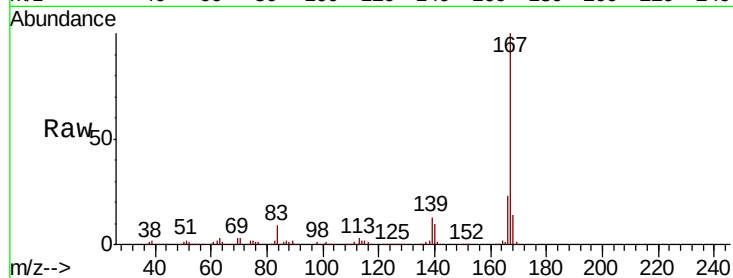




#73
 Carbazole
 Concen: 37.697 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. -0.00 min
 Lab File: BF110023.D
 Acq: 20 Oct 2018 1:26

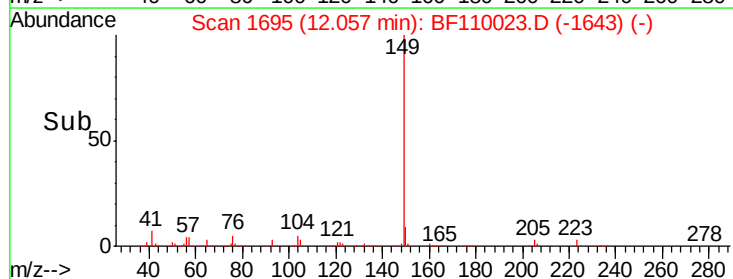
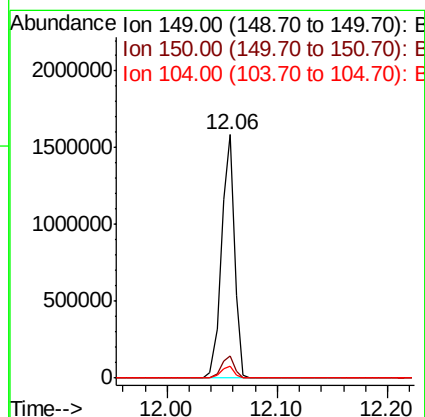
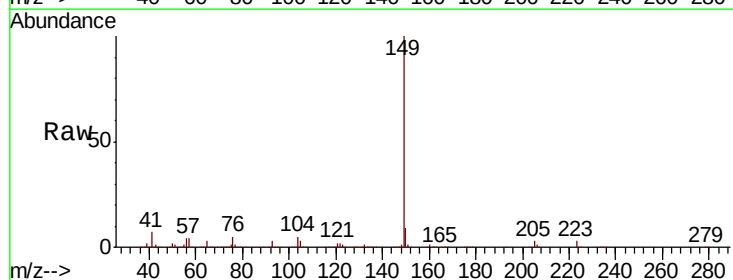
Instrument :
 BNA_F
 ClientSampleId :

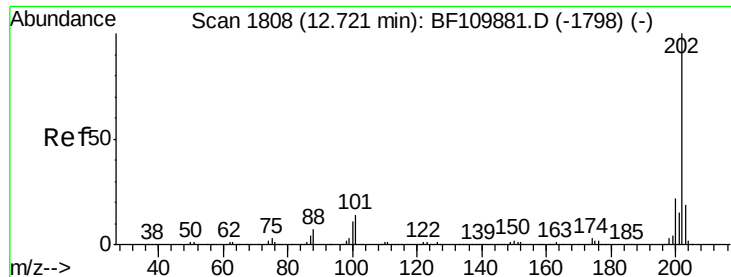
Tot Ion:167 Resp: 998981
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.4 26.0
 139 13.1 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 43.793 ng
 RT: 12.06 min Scan# 1695
 Delta R.T. 0.01 min
 Lab File: BF110023.D
 Acq: 20 Oct 2018 1:26

Tgt Ion:149 Resp: 1295169
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 5.0 4.2 6.4





#75

Fluoranthene

Concen: 36.217 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

Instrument :

BNA_F

ClientSampleId :

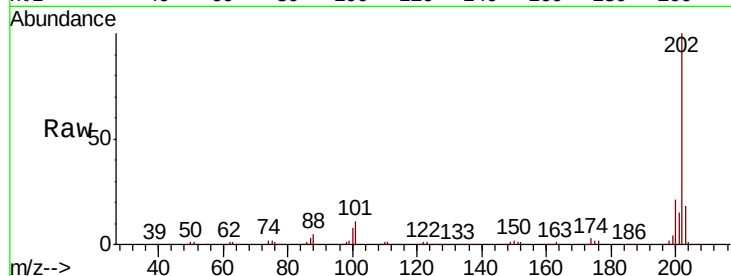
Tot Ion:202 Resp: 970386

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.4

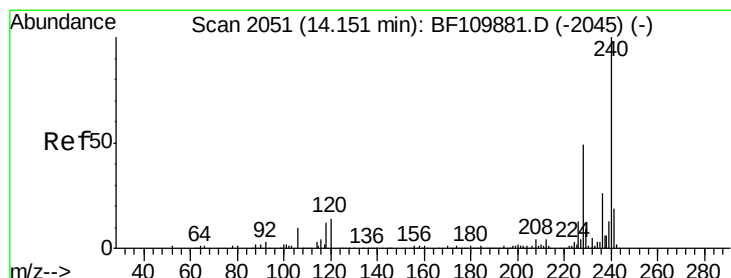
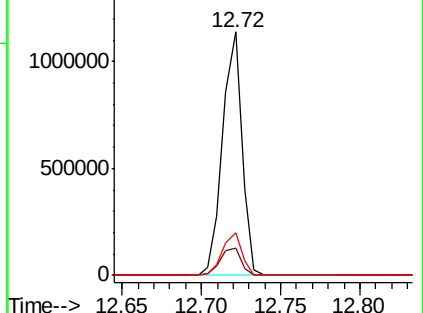
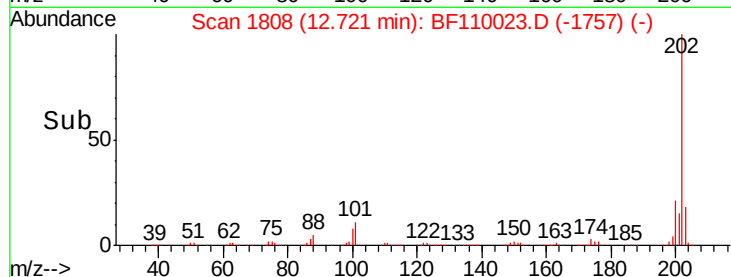
203 17.5 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. 0.01 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

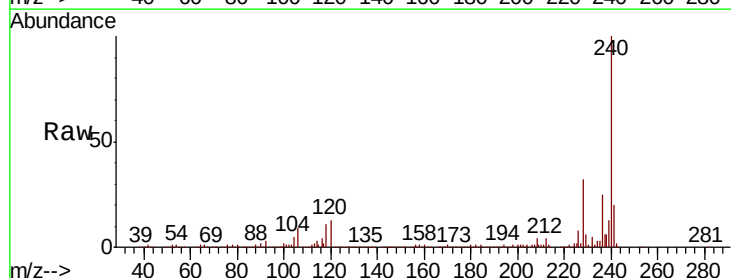
Tgt Ion:240 Resp: 372728

Ion Ratio Lower Upper

240 100

120 12.6 8.3 12.5#

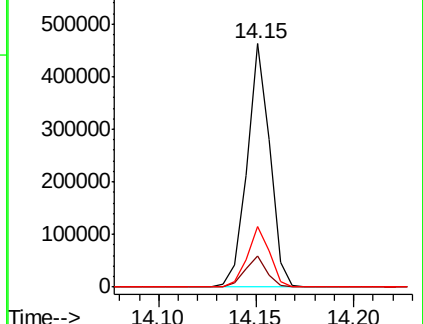
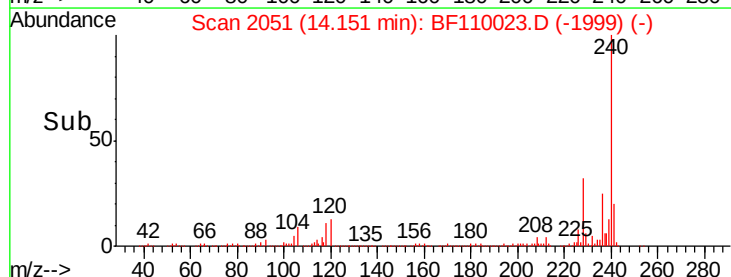
236 25.1 21.2 31.8

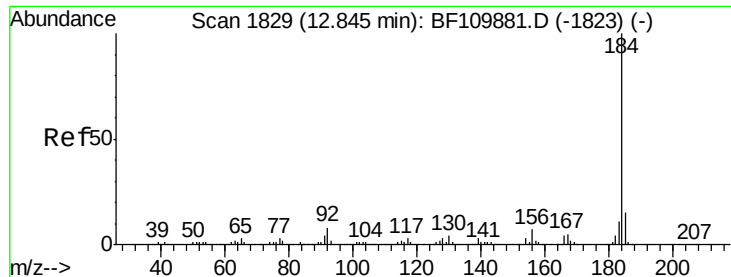


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

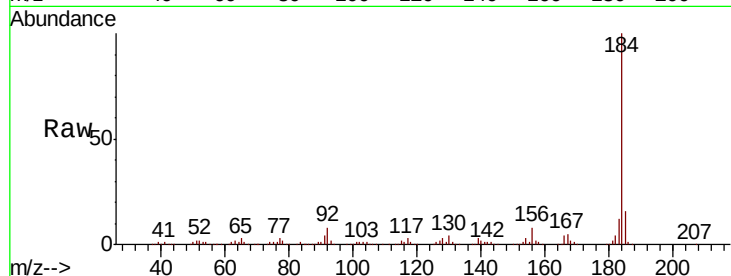




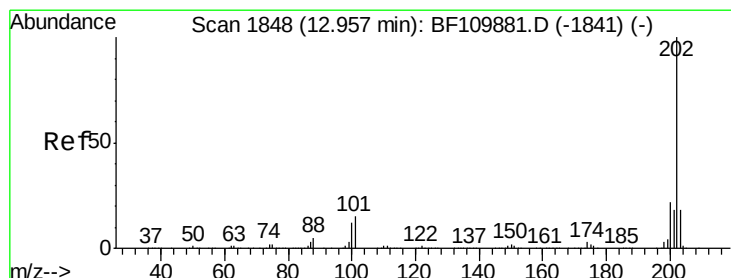
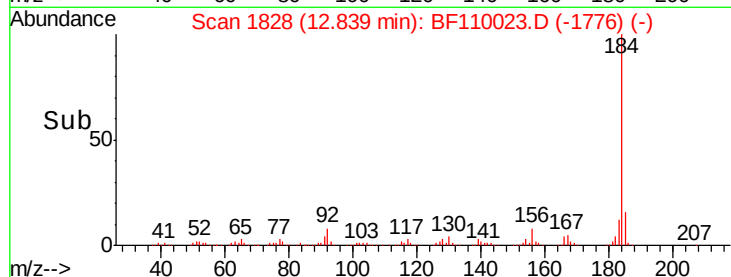
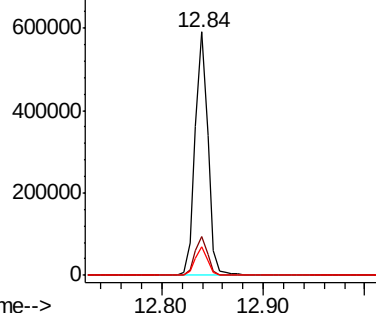
#77
Benzidine
Concen: 36.392 ng
RT: 12.84 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 520069
Ion Ratio Lower Upper
184 100
185 16.1 13.4 20.2
183 11.8 9.4 14.2

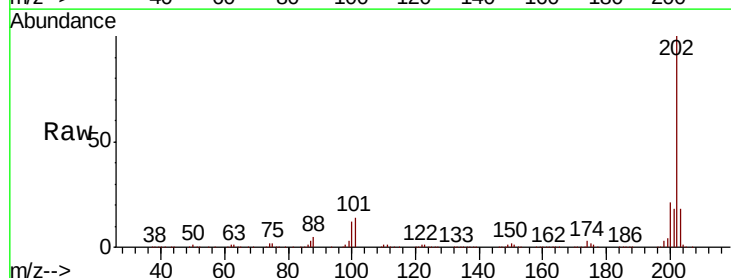


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

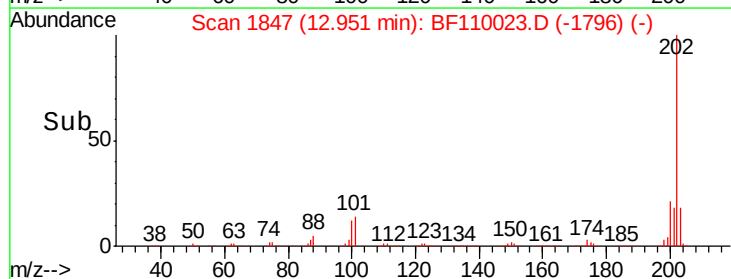
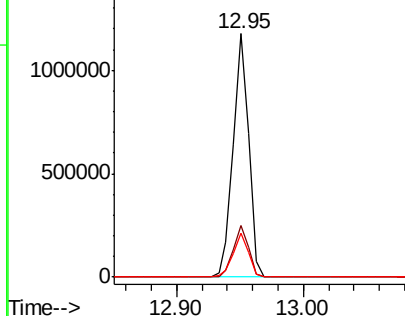


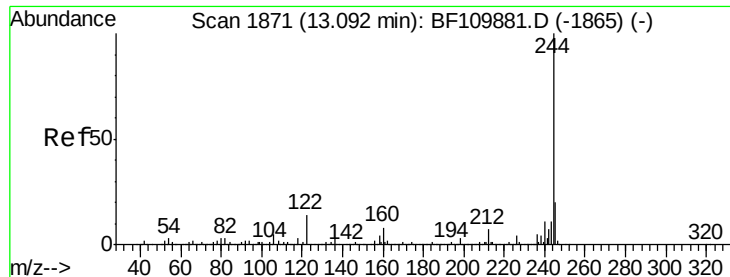
#78
Pyrene
Concen: 35.892 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Tgt Ion:202 Resp: 982557
Ion Ratio Lower Upper
202 100
200 21.2 17.8 26.6
203 18.0 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: 76.795 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

Instrument :

BNA_F

ClientSampleId :

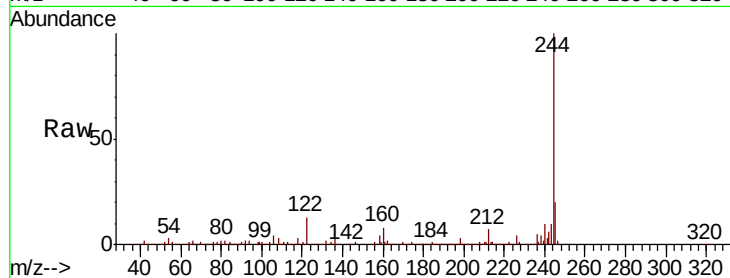
Tot Ion:244 Resp: 1363074

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

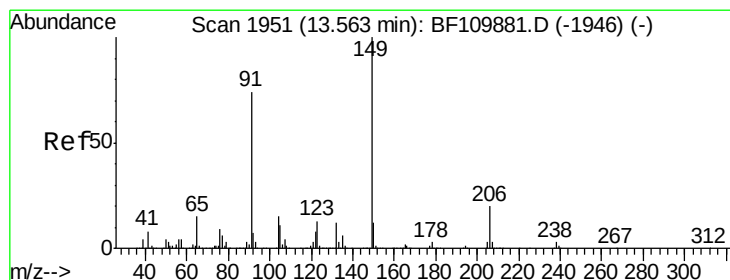
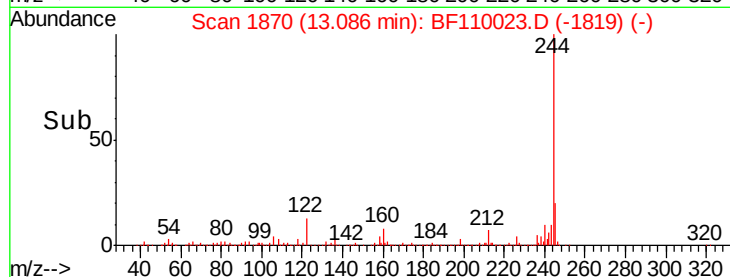
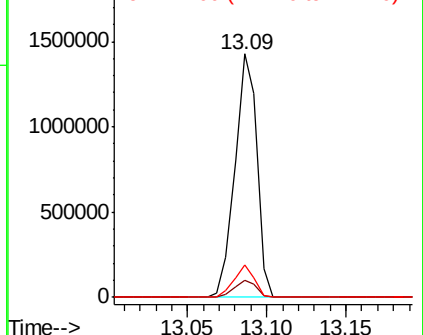
122 13.2 8.7 13.1#



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: 41.923 ng

RT: 13.56 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

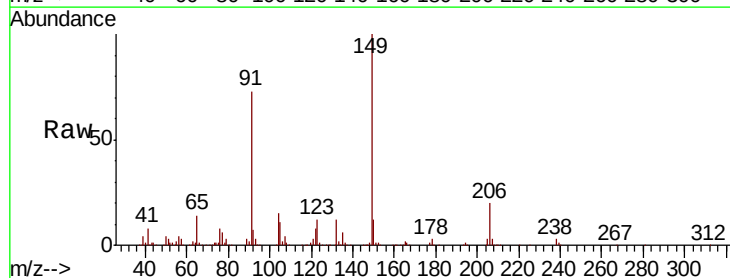
Tgt Ion:149 Resp: 463990

Ion Ratio Lower Upper

149 100

91 72.8 57.2 85.8

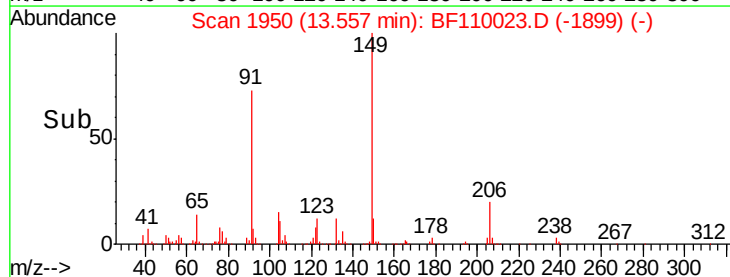
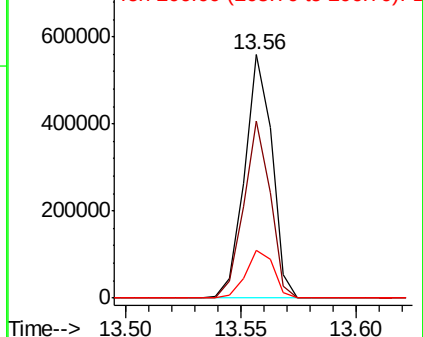
206 19.7 15.7 23.5

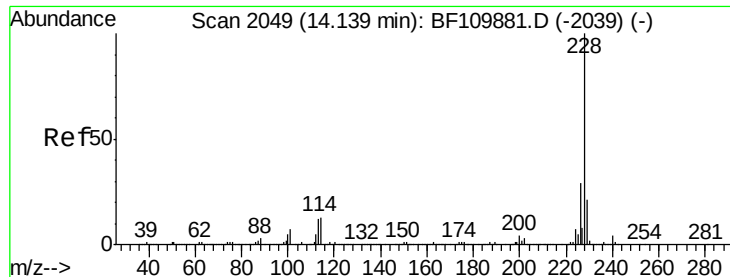


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

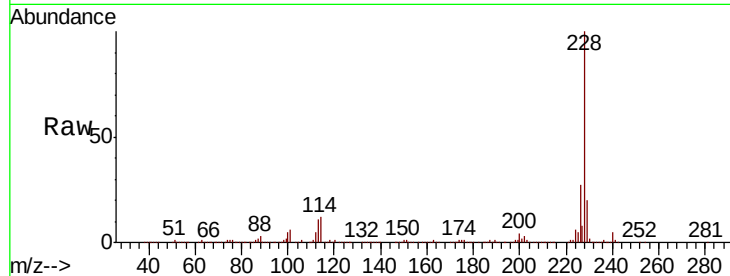




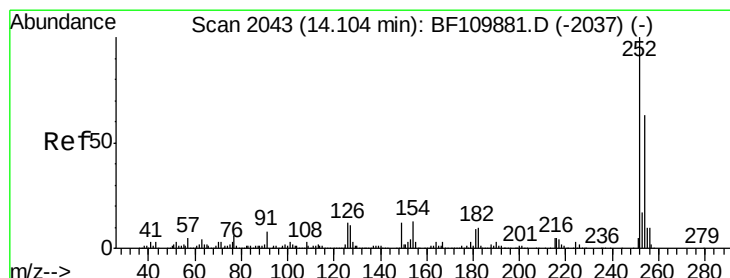
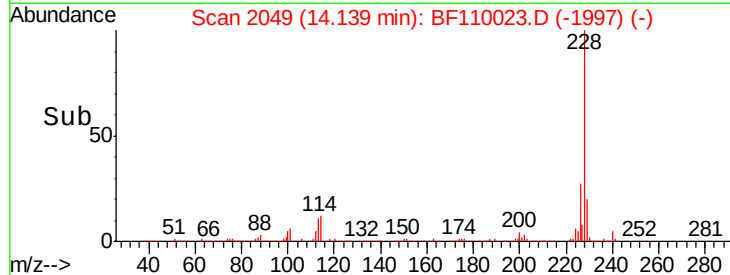
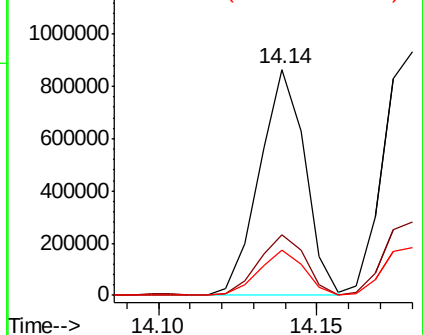
#81
Benzo(a)anthracene
Concen: 39.312 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.01 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 863084
Ion Ratio Lower Upper
228 100
226 27.0 22.1 33.1
229 19.8 15.6 23.4

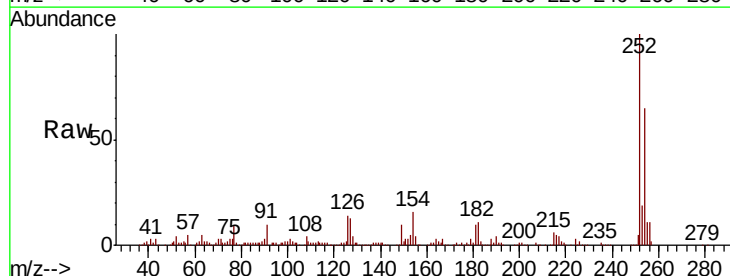


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

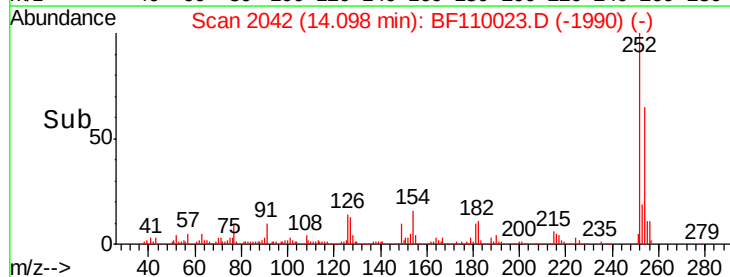
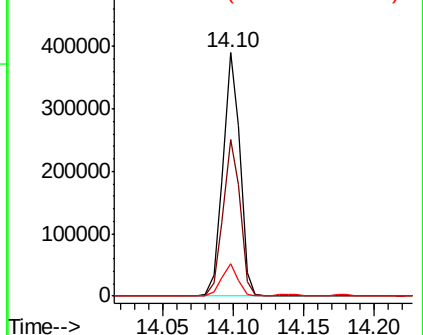


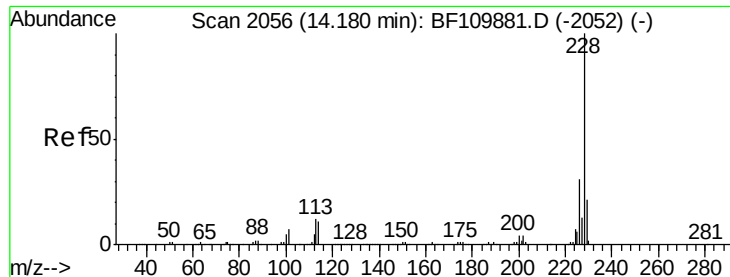
#82
3,3'-Dichlorobenzidine
Concen: 42.601 ng
RT: 14.10 min Scan# 2042
Delta R.T. 0.01 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Tgt Ion:252 Resp: 327891
Ion Ratio Lower Upper
252 100
254 64.5 51.3 76.9
126 13.6 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: 39.658 ng

RT: 14.18 min Scan# 2056

Delta R.T. 0.01 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

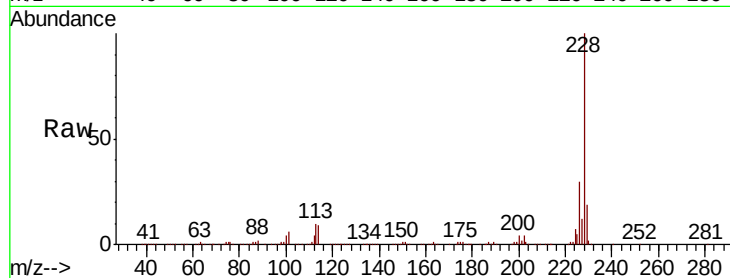
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 828761

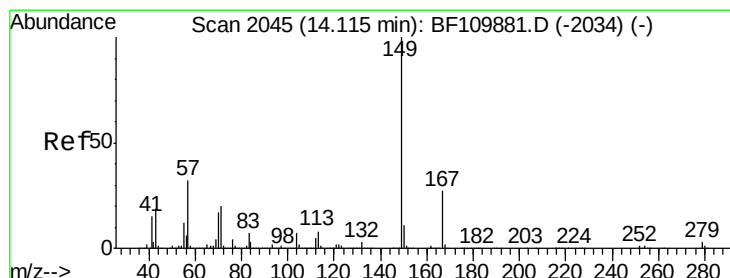
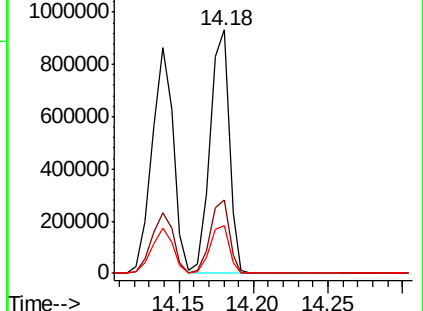
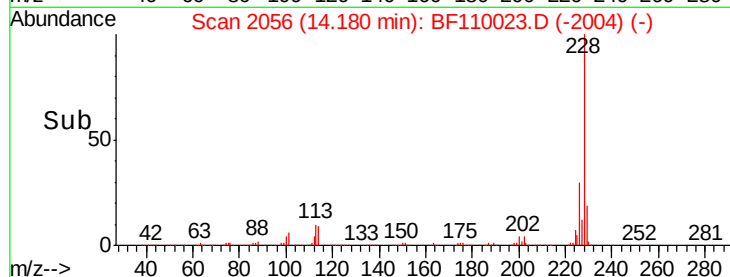
Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.7	37.1
229	19.4	15.9	23.9



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: 44.320 ng

RT: 14.11 min Scan# 2044

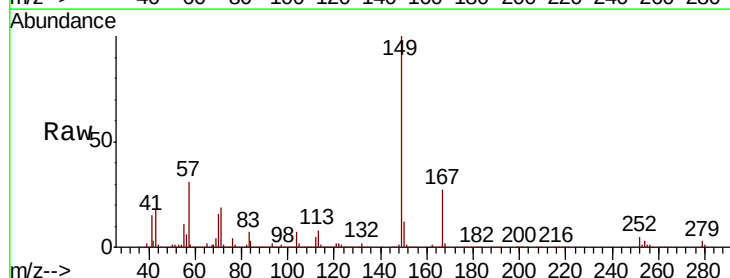
Delta R.T. -0.00 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

Tgt Ion:149 Resp: 645450

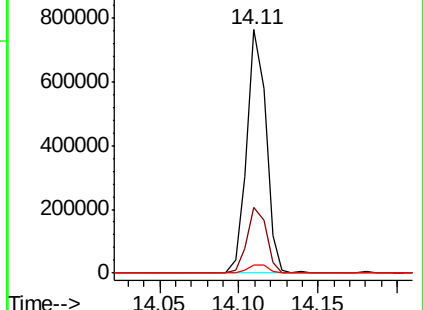
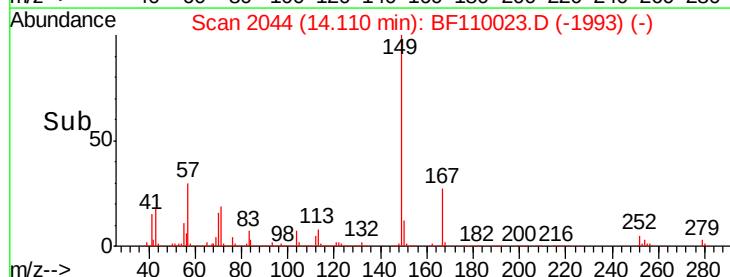
Ion	Ratio	Lower	Upper
149	100		
167	26.9	19.8	29.8
279	3.2	2.7	4.1

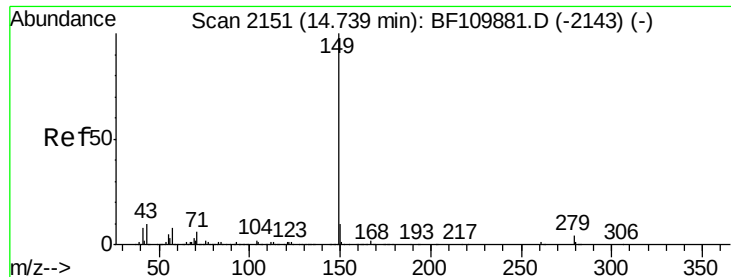


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 51.806 ng

RT: 14.73 min Scan# 2150

Delta R.T. 0.01 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

Instrument :

BNA_F

ClientSampleId :

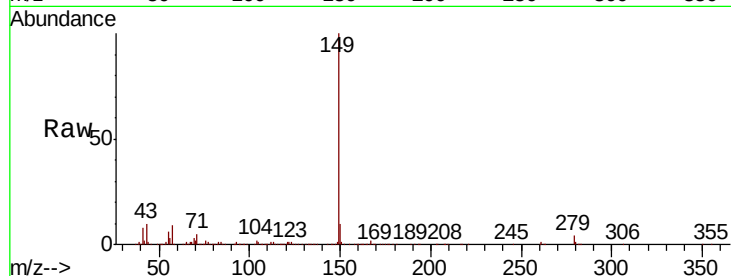
Tot Ion:149 Resp: 1063682

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

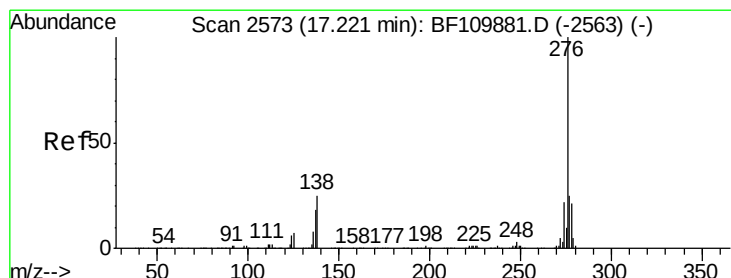
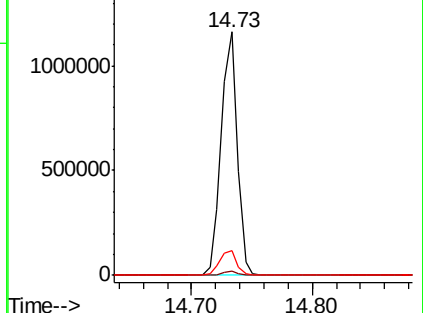
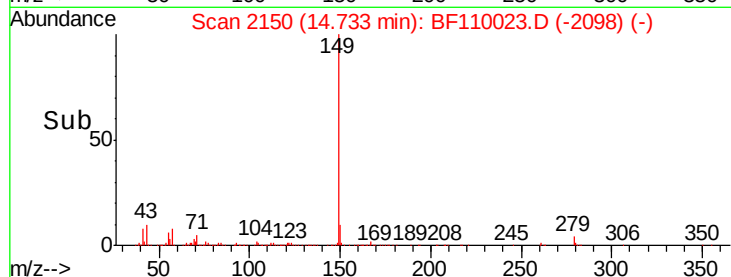
43 10.5 7.8 11.8



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: 36.333 ng

RT: 17.23 min Scan# 2575

Delta R.T. 0.01 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

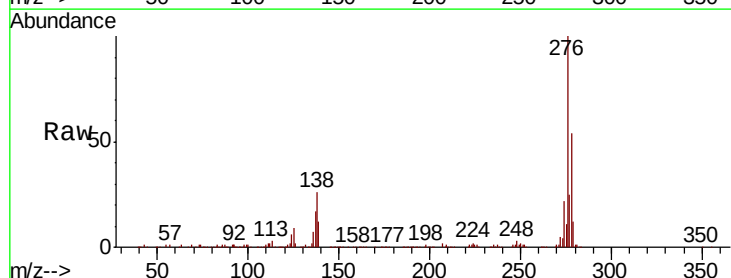
Tgt Ion:276 Resp: 611328

Ion Ratio Lower Upper

276 100

138 28.2 18.5 27.7#

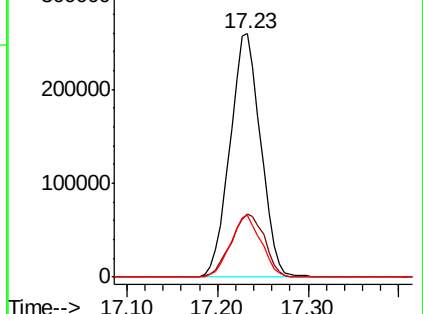
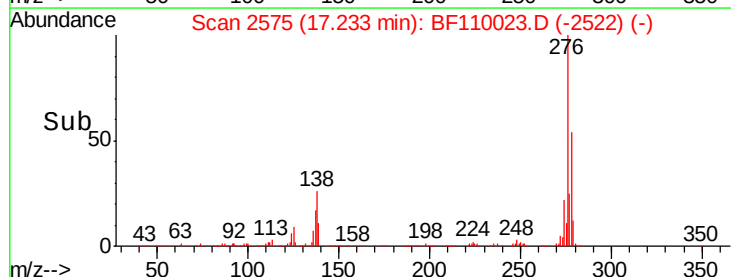
277 25.5 20.0 30.0

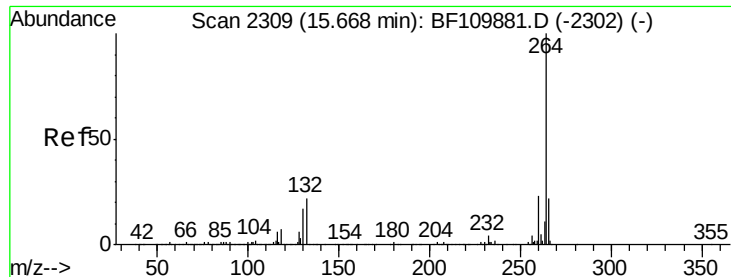


Abundance Ion 276.00 (275.70 to 276.70): E

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. 0.01 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

Instrument :

BNA_F

ClientSampleId :

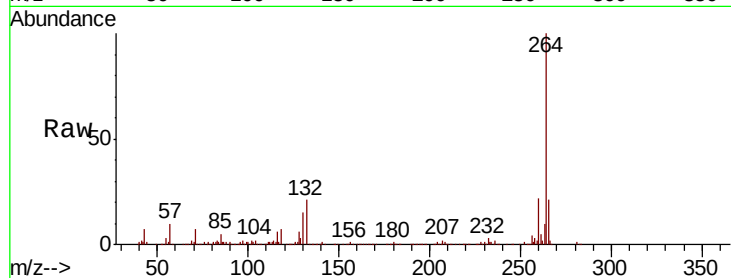
Tot Ion:264 Resp: 316014

Ion Ratio Lower Upper

264 100

260 21.7 18.7 28.1

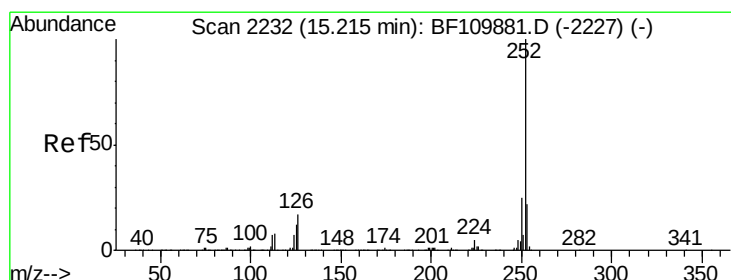
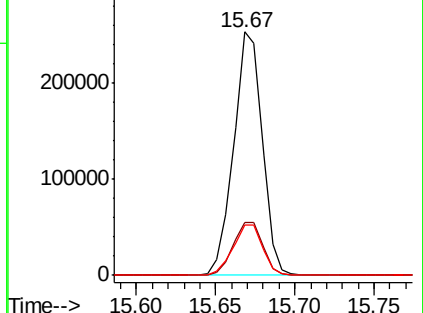
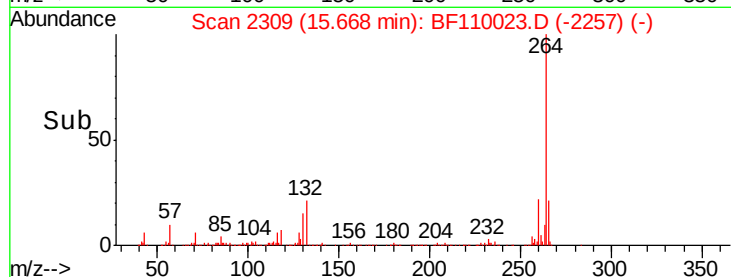
265 20.7 16.7 25.1



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: 40.762 ng

RT: 15.22 min Scan# 2233

Delta R.T. 0.01 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

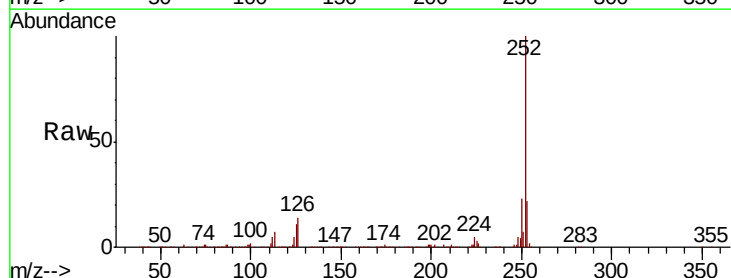
Tgt Ion:252 Resp: 742638

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

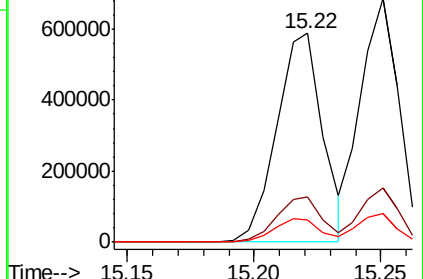
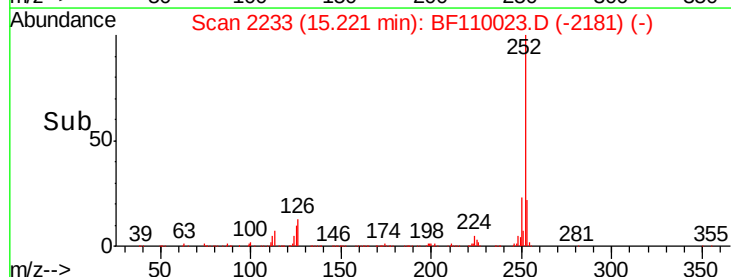
125 10.6 8.2 12.4

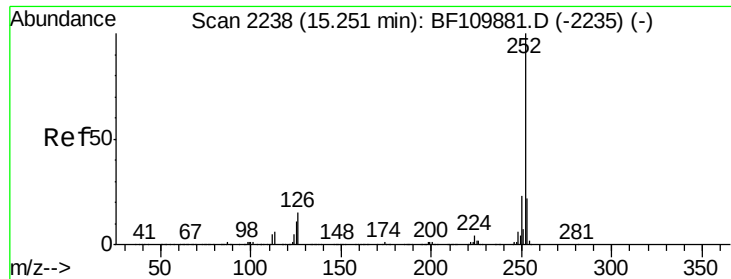


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

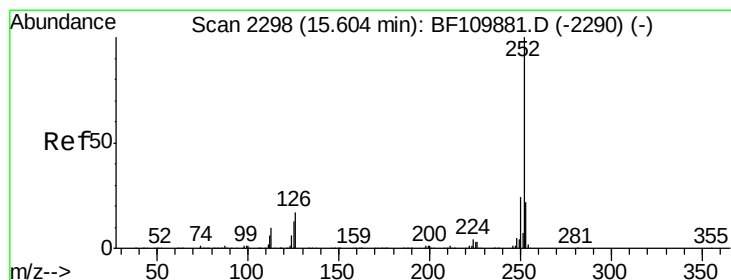
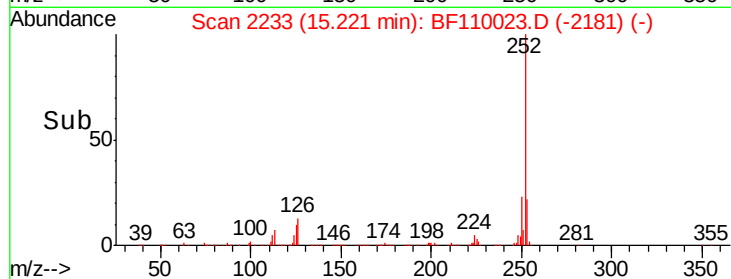
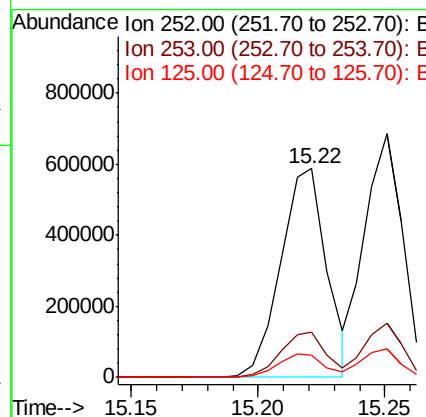
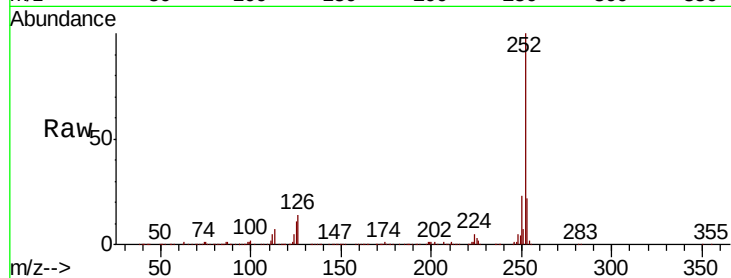




#89
Benzo(k)fluoranthene
Concen: 41.355 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

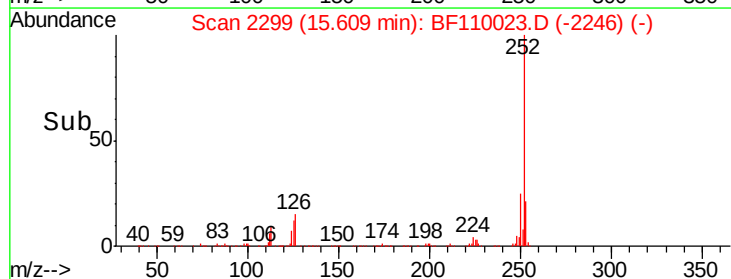
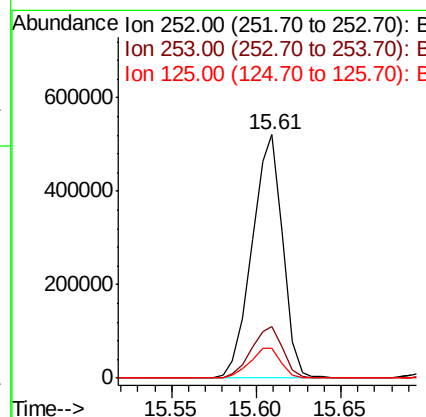
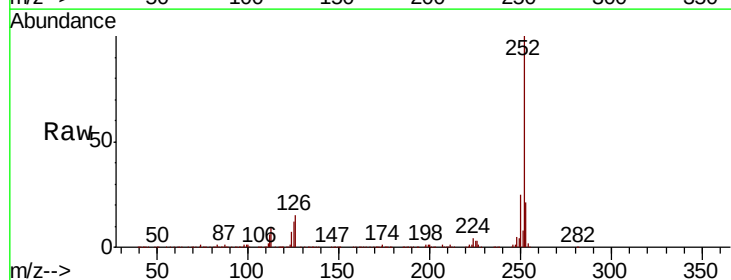
Instrument :
BNA_F
ClientSampleId :

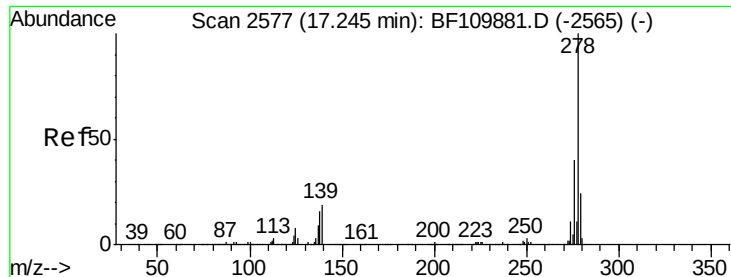
Tot Ion:252 Resp: 742638
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 10.6 7.4 11.0



#90
Benzo(a)pyrene
Concen: 39.248 ng
RT: 15.61 min Scan# 2299
Delta R.T. 0.01 min
Lab File: BF110023.D
Acq: 20 Oct 2018 1:26

Tgt Ion:252 Resp: 657658
Ion Ratio Lower Upper
252 100
253 21.4 18.2 27.4
125 12.2 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 34.822 ng

RT: 17.25 min Scan# 2578

Delta R.T. 0.01 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

Instrument :

BNA_F

ClientSampleId :

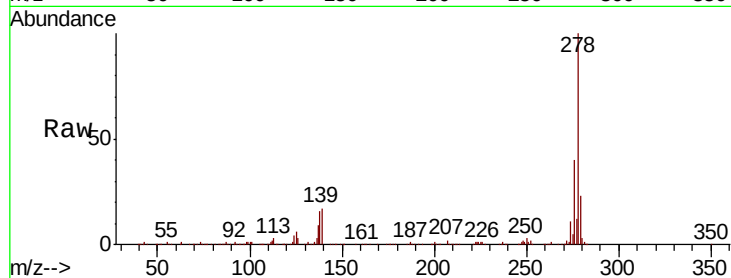
Tot Ion:278 Resp: 517095

Ion Ratio Lower Upper

278 100

139 17.3 12.7 19.1

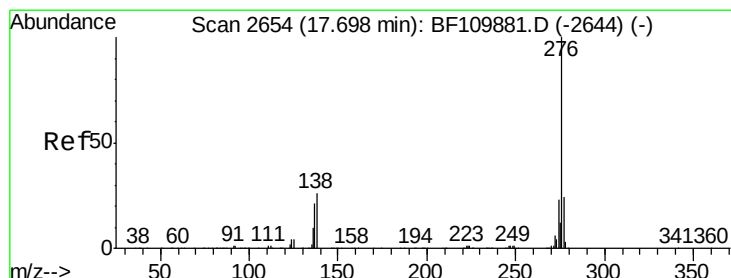
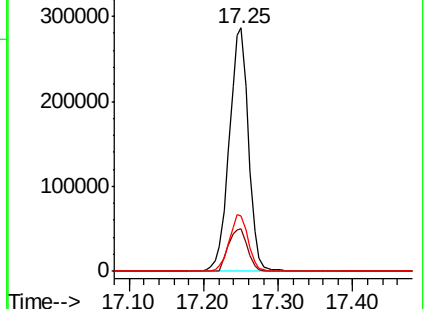
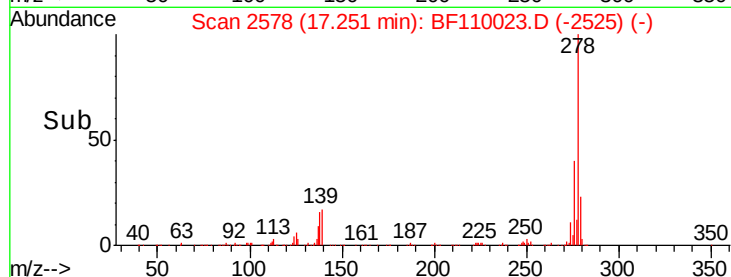
279 23.0 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 32.381 ng

RT: 17.70 min Scan# 2655

Delta R.T. 0.01 min

Lab File: BF110023.D

Acq: 20 Oct 2018 1:26

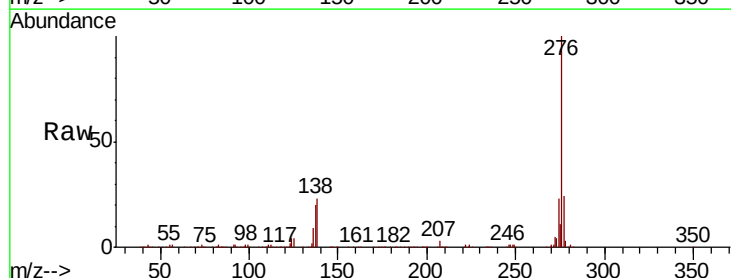
Tgt Ion:276 Resp: 485831

Ion Ratio Lower Upper

276 100

277 24.0 18.8 28.2

138 23.5 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

