

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031618\
 Data File : BF103726.D
 Acq On : 17 Mar 2018 5:43
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 19 06:59:59 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	174483	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	691578	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	295149	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	428845	20.00	ng	0.01
75) Chrysene-d12	14.17	240	317261	20.00	ng	0.02
86) Perylene-d12	15.71	264	277505	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	919502	80.15	ng	0.00
7) Phenol-d6	6.59	99	1121763	79.93	ng	0.00
23) Nitrobenzene-d5	7.54	82	954301	96.23	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	204653	80.64	ng	0.01
44) 2-Fluorobiphenyl	9.33	172	1443863	78.03	ng	0.00
78) Terphenyl-d14	13.09	244	1027790	75.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.80	88	230115	40.738	ng	91
3) Pyridine	3.58	79	638722	41.110	ng	88
4) n-Nitrosodimethylamine	3.55	42	224427	39.176	ng	86
6) Aniline	6.64	93	798501	39.844	ng	97
8) 2-Chlorophenol	6.76	128	485840	40.429	ng	96
9) Benzaldehyde	6.53	77	367032	39.807	ng	97
10) Phenol	6.61	94	602868	40.424	ng	96
11) bis(2-Chloroethyl)ether	6.71	93	484563	39.359	ng	93
12) 1,3-Dichlorobenzene	6.92	146	538810	39.367	ng	100
13) 1,4-Dichlorobenzene	6.99	146	535871	38.963	ng	99
14) 1,2-Dichlorobenzene	7.15	146	495209	38.802	ng	99
15) Benzyl Alcohol	7.11	79	414889	38.153	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.25	45	669921	38.258	ng	94
17) 2-Methylphenol	7.22	107	426997	39.900	ng	99
18) Hexachloroethane	7.49	117	135315	27.970	ng	98
19) n-Nitroso-di-n-propylamine	7.39	70	331179	36.821	ng	93
20) 3+4-Methylphenols	7.37	107	525623	38.702	ng	98
22) Acetophenone	7.38	105	672301	37.825	ng	# 96
24) Nitrobenzene	7.56	77	519786	44.645	ng	99
25) Isophorone	7.79	82	909677	39.625	ng	99
26) 2-Nitrophenol	7.87	139	200627	45.825	ng	96
27) 2,4-Dimethylphenol	7.90	122	401040	40.777	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	557233	40.084	ng	99
29) 2,4-Dichlorophenol	8.11	162	375965	42.018	ng	96
30) 1,2,4-Trichlorobenzene	8.20	180	412778	39.774	ng	98
31) Naphthalene	8.28	128	1342192	38.420	ng	99
32) Benzoic acid	8.00	122	227656	35.941	ng	99
33) 4-Chloroaniline	8.32	127	593217	40.475	ng	99
34) Hexachlorobutadiene	8.39	225	221940	39.005	ng	99
35) Caprolactam	8.70	113	129770	42.118	ng	# 86
36) 4-Chloro-3-methylphenol	8.80	107	395503	40.095	ng	97
37) 2-Methylnaphthalene	8.97	142	839818	37.908	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	357821	42.495	ng	98
40) Hexachlorocyclopentadiene	9.12	237	14313	3.294	ng	97

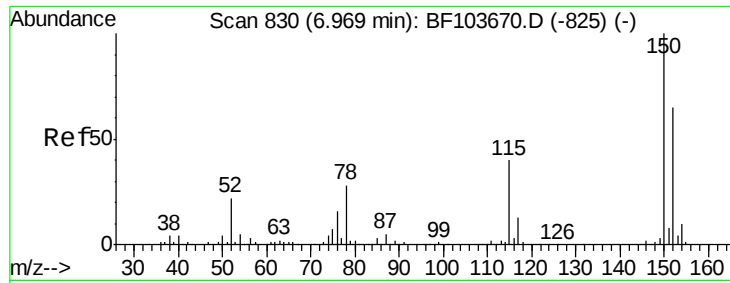
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031618\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	244739	45.441	ng	99
43) 2,4,5-Trichlorophenol	9.28	196	271526	44.667	ng	98
45) 1,1'-Biphenyl	9.43	154	1012010	41.120	ng	100
46) 2-Chloronaphthalene	9.46	162	792984	40.567	ng	99
47) 2-Nitroaniline	9.56	65	264596	51.212	ng	97
48) Acenaphthylene	9.88	152	1187361	39.171	ng	99
49) Dimethylphthalate	9.73	163	964169	42.817	ng	100
50) 2,6-Dinitrotoluene	9.80	165	186972	43.344	ng	94
51) Acenaphthene	10.05	154	694412	38.582	ng	99
52) 3-Nitroaniline	9.97	138	256454	49.033	ng	99
53) 2,4-Dinitrophenol	10.07	184	3396	11.881	ng	# 38
54) Dibenzofuran	10.22	168	990352	38.526	ng	98
55) 4-Nitrophenol	10.12	139	152014	39.552	ng	93
56) 2,4-Dinitrotoluene	10.20	165	224560	41.637	ng	97
57) Fluorene	10.57	166	740044	37.100	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	174904	40.606	ng	98
59) Diethylphthalate	10.43	149	930079	41.614	ng	99
60) 4-Chlorophenyl-phenylether	10.56	204	362689	39.786	ng	96
61) 4-Nitroaniline	10.59	138	236208	47.088	ng	95
62) Azobenzene	10.72	77	833204	36.668	ng	96
64) 4,6-Dinitro-2-methylphenol	10.61	198	9600	14.528	ng	82
65) n-Nitrosodiphenylamine	10.67	169	688219	47.148	ng	99
66) 4-Bromophenyl-phenylether	11.05	248	211157	47.956	ng	97
67) Hexachlorobenzene	11.12	284	212133	42.212	ng	95
68) Atrazine	11.20	200	179388	39.727	ng	98
69) Pentachlorophenol	11.30	266	118227	40.920	ng	96
70) Phenanthrene	11.53	178	939123	40.033	ng	99
71) Anthracene	11.59	178	941374	39.510	ng	100
72) Carbazole	11.74	167	903987	39.036	ng	100
73) Di-n-butylphthalate	12.06	149	1276427	45.936	ng	99
74) Fluoranthene	12.73	202	845923	35.002	ng	99
76) Benzidine	12.85	184	569790	42.109	ng	99
77) Pyrene	12.96	202	880447	37.788	ng	99
79) Butylbenzylphthalate	13.57	149	445588	43.165	ng	95
80) Benzo(a)anthracene	14.16	228	801445	39.908	ng	99
81) 3,3'-Dichlorobenzidine	14.11	252	302666	45.056	ng	97
82) Chrysene	14.19	228	761126	39.758	ng	100
83) Bis(2-ethylhexyl)phthalate	14.13	149	630029	42.722	ng	100
84) Di-n-octyl phthalate	14.76	149	1004816	46.835	ng	98
85) Indeno(1,2,3-cd)pyrene	17.29	276	616948	36.903	ng	97
87) Benzo(b)fluoranthene	15.25	252	753836	42.997	ng	98
88) Benzo(k)fluoranthene	15.29	252	665310	39.477	ng	98
89) Benzo(a)pyrene	15.64	252	641856	40.364	ng	99
90) Dibenzo(a,h)anthracene	17.30	278	528784	38.403	ng	99
91) Benzo(g,h,i)perylene	17.77	276	485297	36.229	ng	97

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

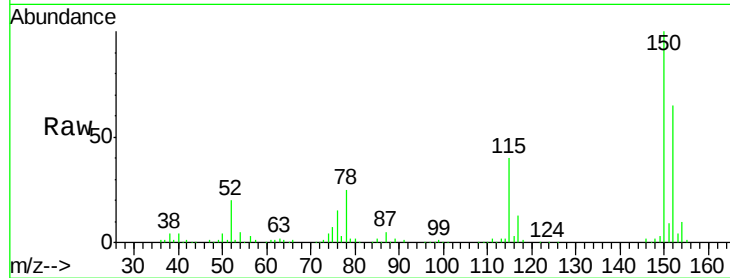


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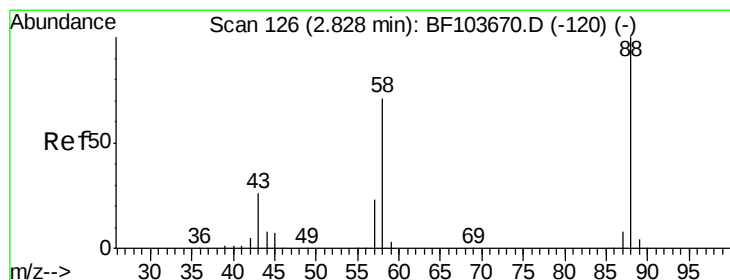
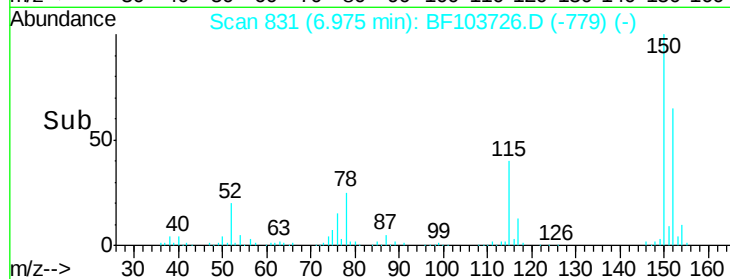
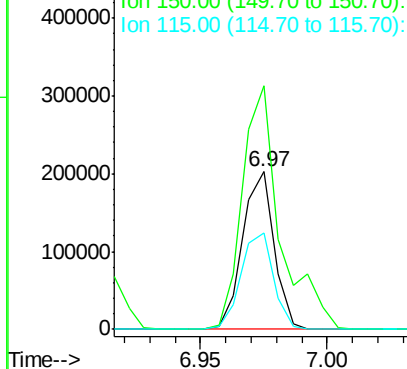
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF103726.D
Acq: 17 Mar 2018 5:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 174483
Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 61.1 50.1 75.1



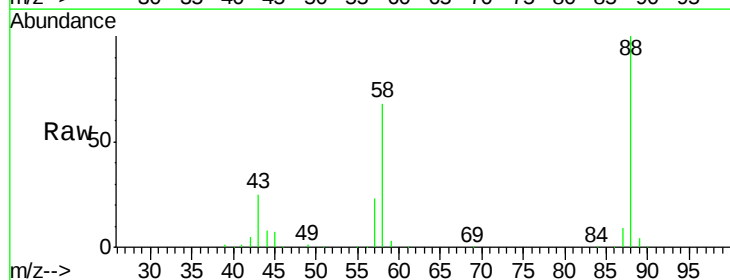
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



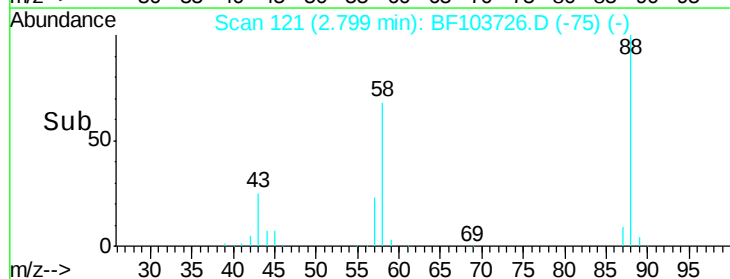
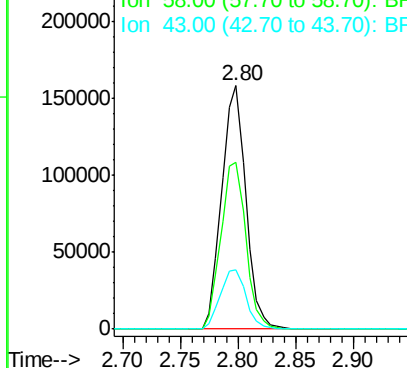
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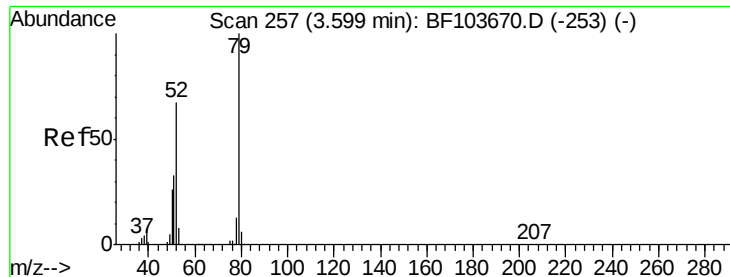
1,4-Dioxane
Concen: 40.738 ng
RT: 2.80 min Scan# 121
Delta R.T. -0.03 min
Lab File: BF103726.D
Acq: 17 Mar 2018 5:43

Tgt Ion: 88 Resp: 230115
Ion Ratio Lower Upper
88 100
58 70.5 62.6 93.8
43 26.4 24.6 37.0



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





#3

Pvridine

Concen: 41.110 ng

RT: 3.58 min Scan# 254

Delta R.T. -0.02 min

Lab File: BF103726.D

Acq: 17 Mar 2018 5:43

Instrument :

BNA_F

ClientSampleId :

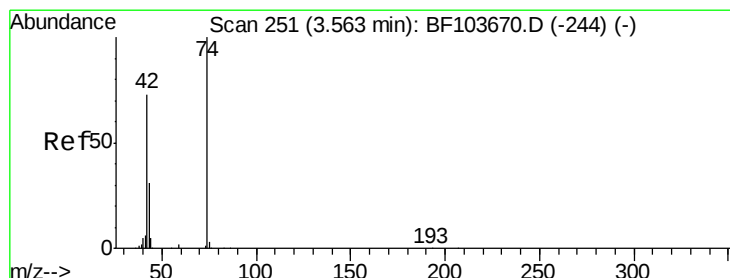
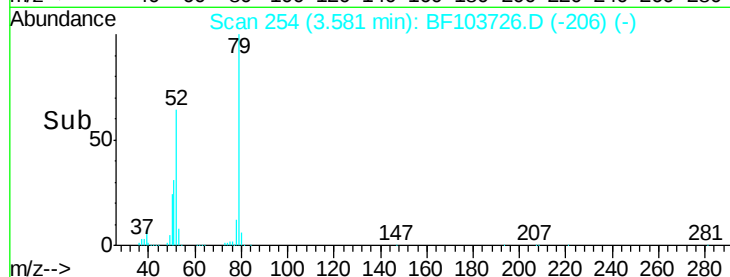
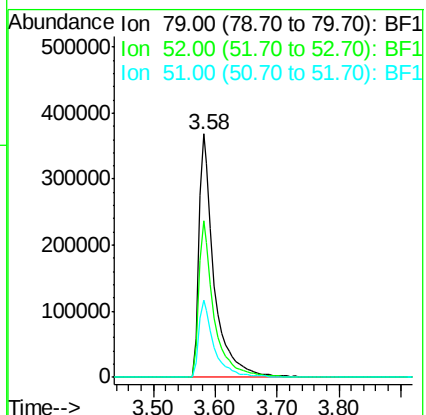
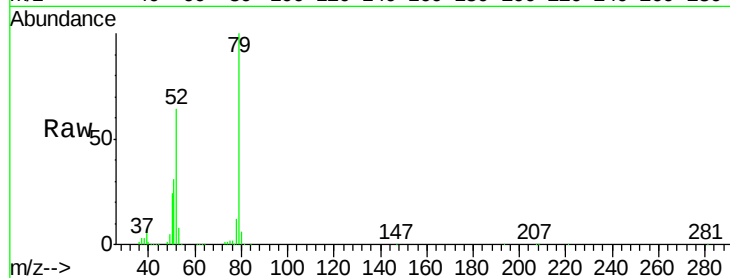
Tot Ion: 79 Resp: 638722

Ion Ratio Lower Upper

79 100

52 64.2 59.8 89.6

51 31.5 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 39.176 ng

RT: 3.55 min Scan# 248

Delta R.T. -0.02 min

Lab File: BF103726.D

Acq: 17 Mar 2018 5:43

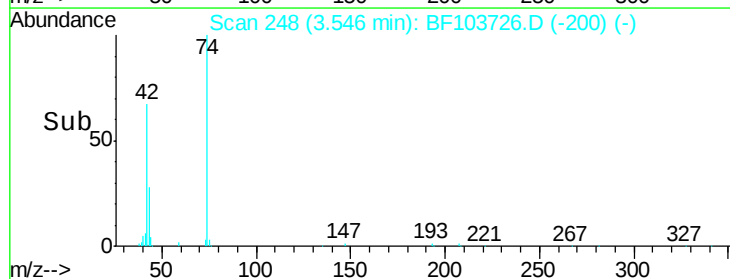
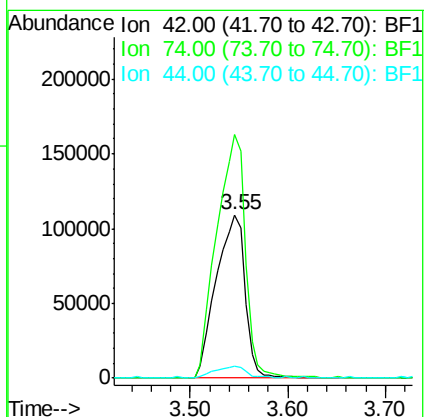
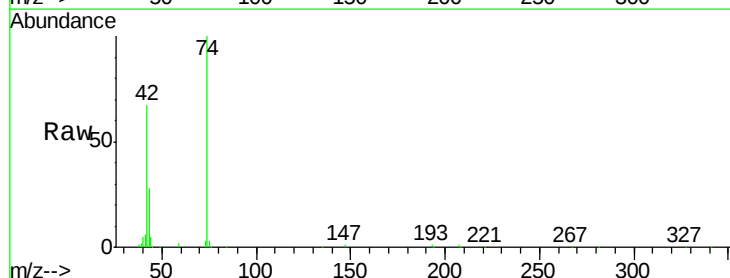
Tgt Ion: 42 Resp: 224427

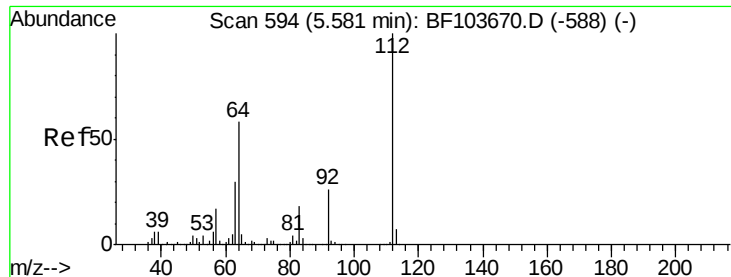
Ion Ratio Lower Upper

42 100

74 148.9 104.9 157.3

44 7.2 6.9 10.3





#5

2-Fluorophenol

Concen: 80.154 ng

RT: 5.59 min Scan# 595

Delta R.T. 0.01 min

Lab File: BF103726.D

Acq: 17 Mar 2018 5:43

Instrument :

BNA_F

ClientSampleId :

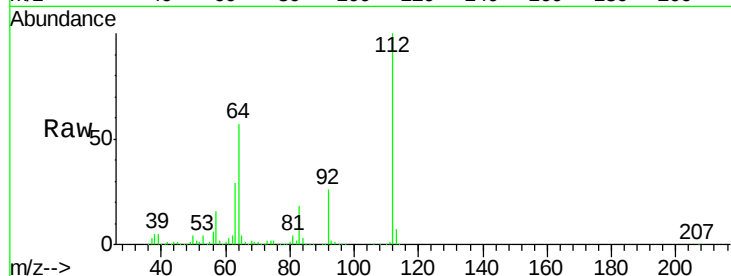
Tot Ion:112 Resp: 919502

Ion Ratio Lower Upper

112 100

64 57.1 47.9 71.9

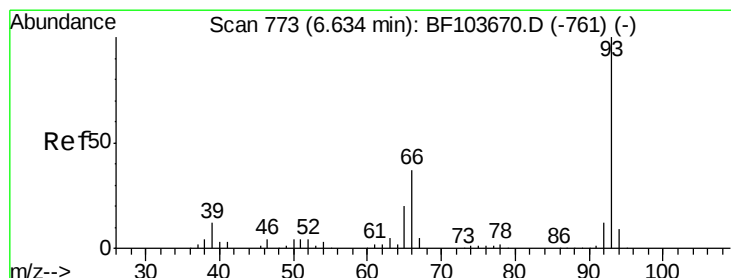
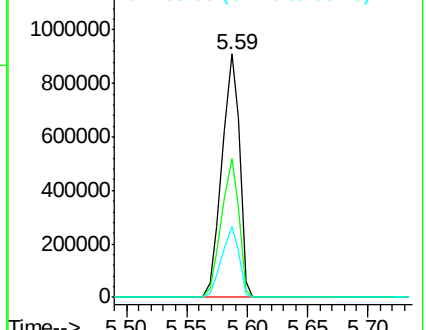
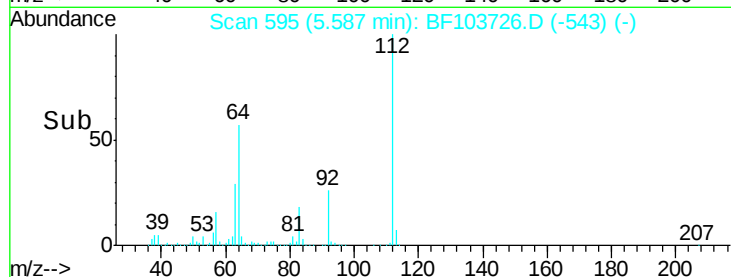
63 28.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.844 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.01 min

Lab File: BF103726.D

Acq: 17 Mar 2018 5:43

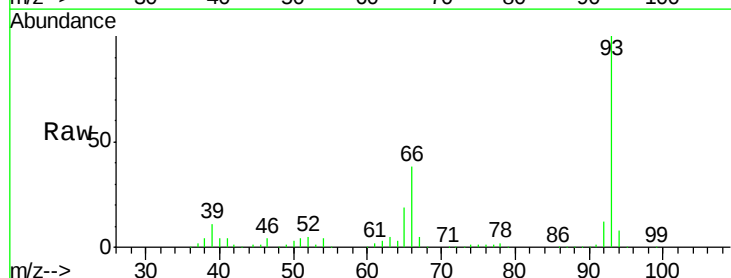
Tgt Ion: 93 Resp: 798501

Ion Ratio Lower Upper

93 100

66 38.1 32.2 48.2

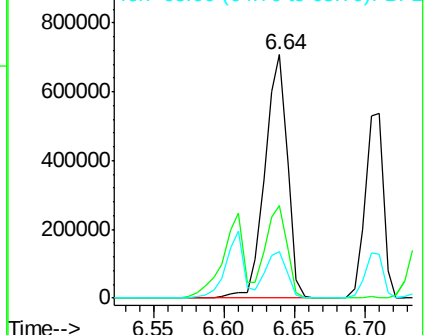
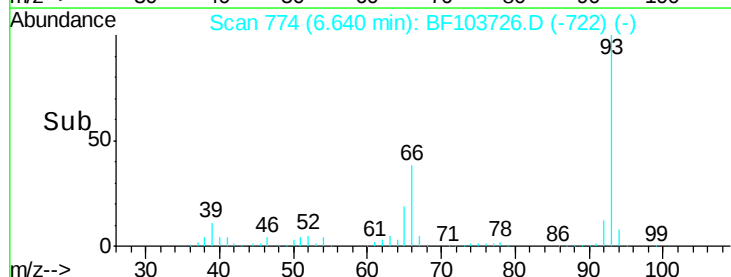
65 19.3 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.928 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF103726.D

Acq: 17 Mar 2018 5:43

Instrument :

BNA_F

ClientSampleId :

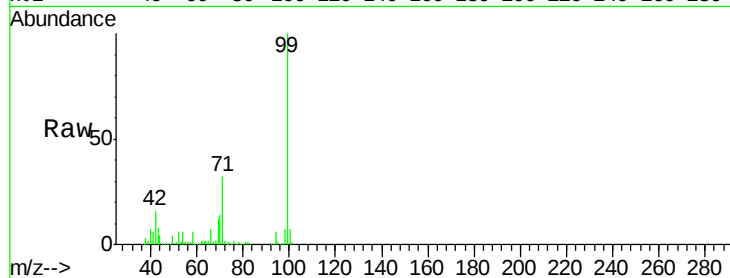
Tot Ion: 99 Resp: 1121763

Ion Ratio Lower Upper

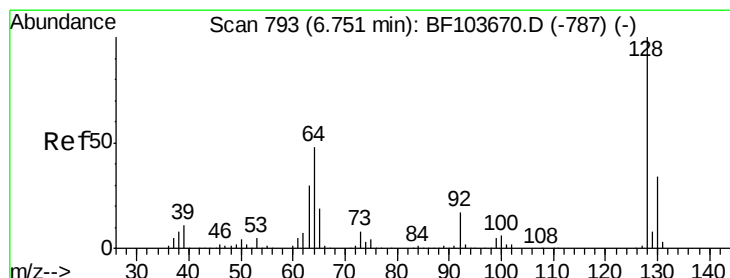
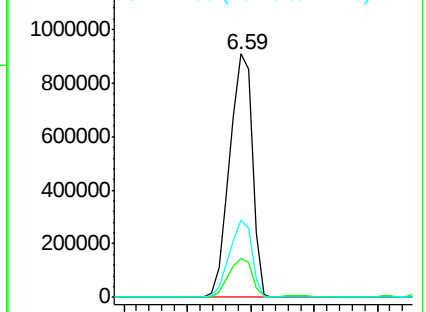
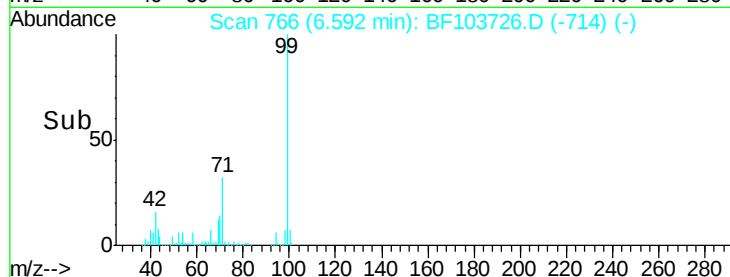
99 100

42 16.0 14.5 21.7

71 31.8 25.4 38.0



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



#8

2-Chlorophenol

Concen: 40.429 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.01 min

Lab File: BF103726.D

Acq: 17 Mar 2018 5:43

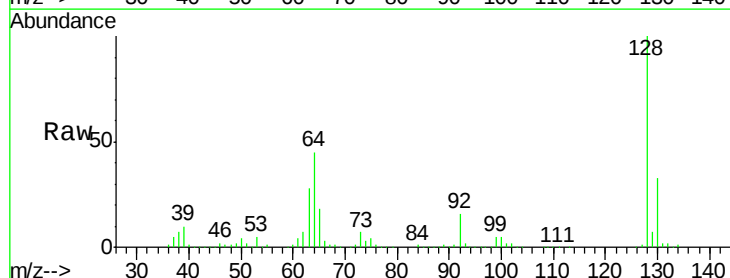
Tgt Ion: 128 Resp: 485840

Ion Ratio Lower Upper

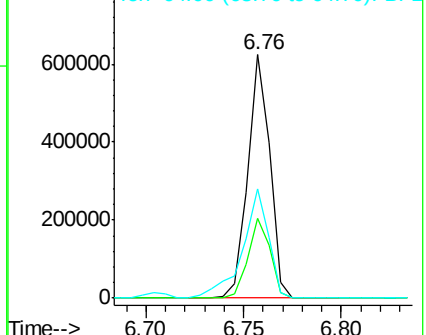
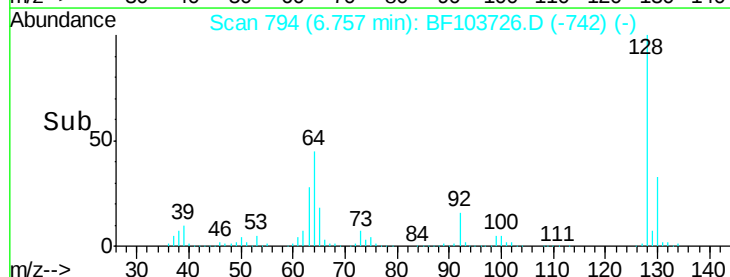
128 100

130 32.9 13.0 53.0

64 45.0 29.4 69.4



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

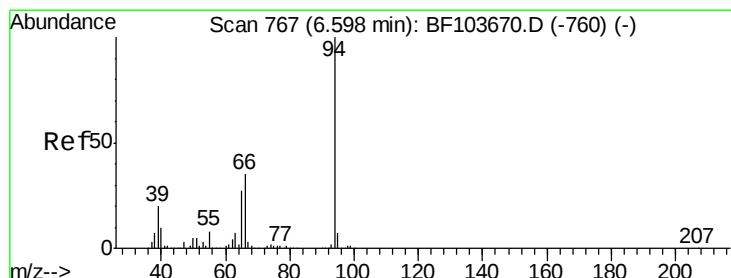
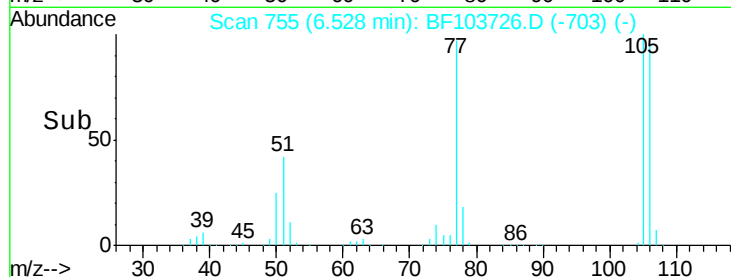
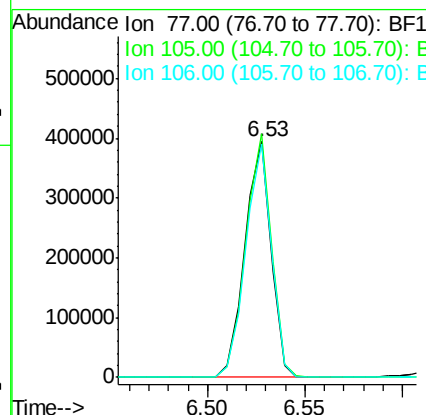
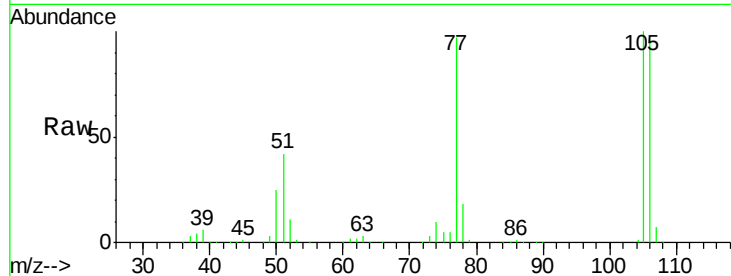




#9
Benzaldehyde
Concen: 39.807 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF103726.D
Acq: 17 Mar 2018 5:43

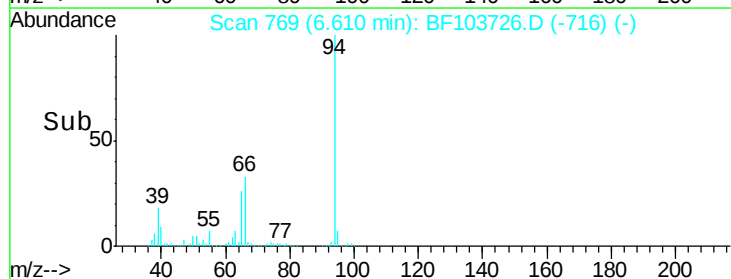
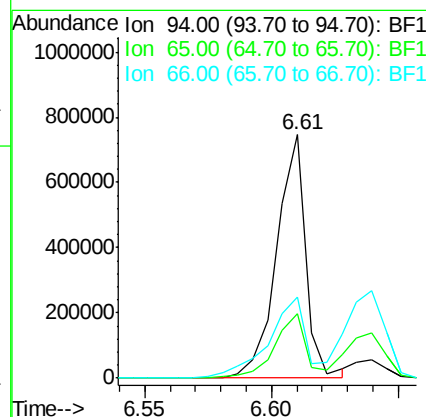
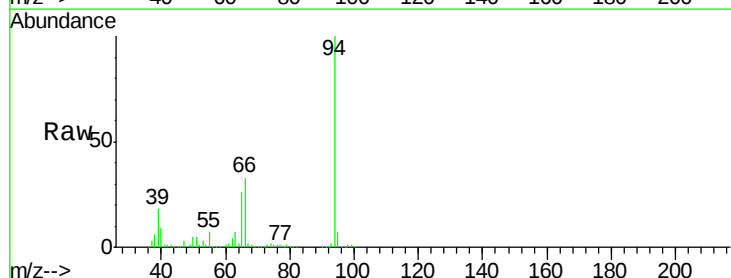
Instrument :
BNA_F
ClientSampleId :

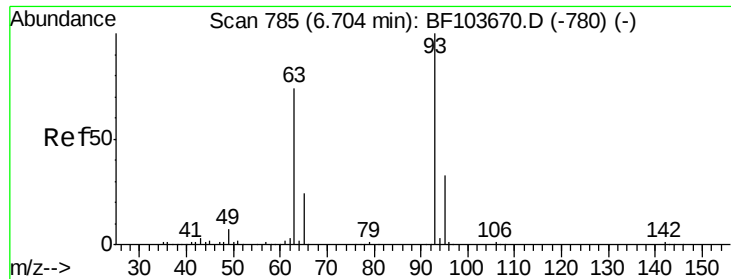
Tot Ion: 77 Resp: 367032
Ion Ratio Lower Upper
77 100
105 103.2 81.1 121.1
106 98.8 74.5 114.5



#10
Phenol
Concen: 40.424 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.01 min
Lab File: BF103726.D
Acq: 17 Mar 2018 5:43

Tgt Ion: 94 Resp: 602868
Ion Ratio Lower Upper
94 100
65 26.2 7.9 47.9
66 33.1 16.2 56.2

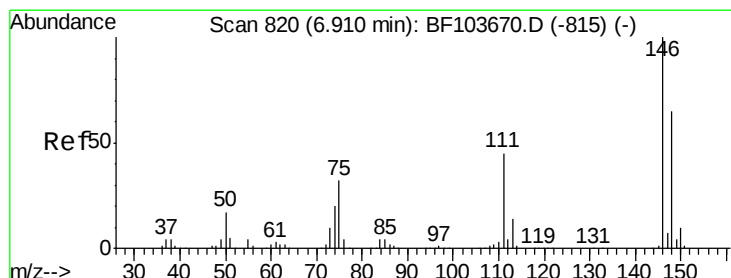
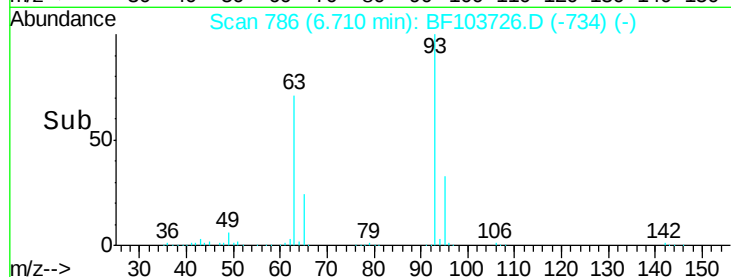
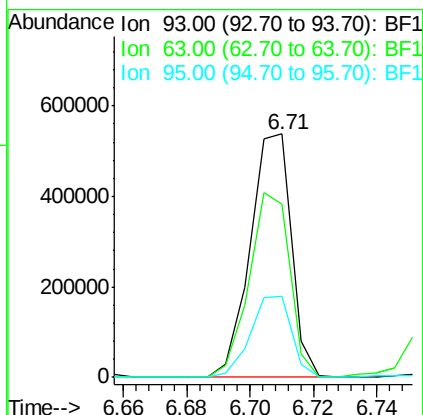
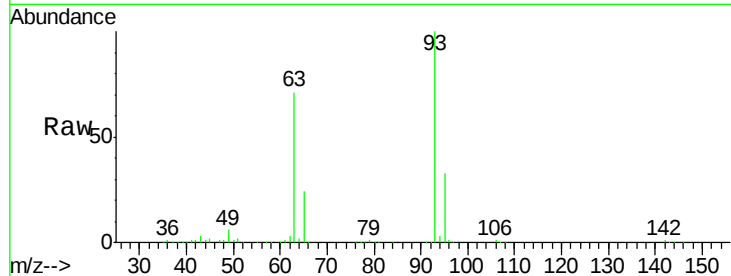




#11
bis(2-Chloroethyl)ether
Concen: 39.359 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.01 min
Lab File: BF103726.D
Acq: 17 Mar 2018 5:43

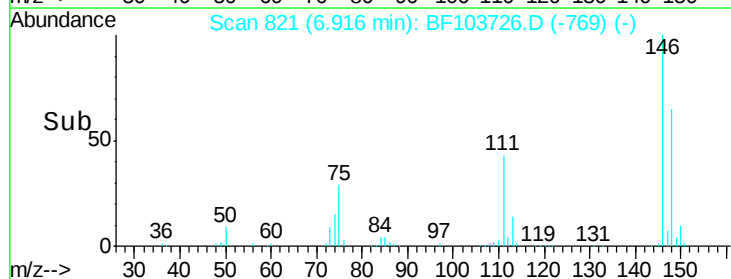
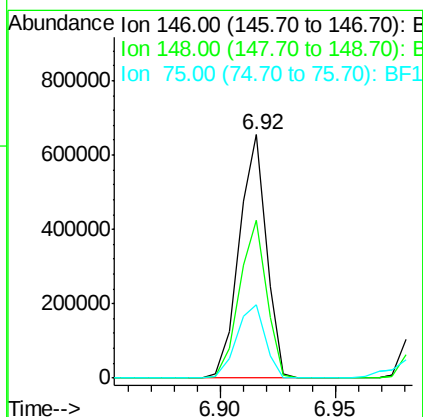
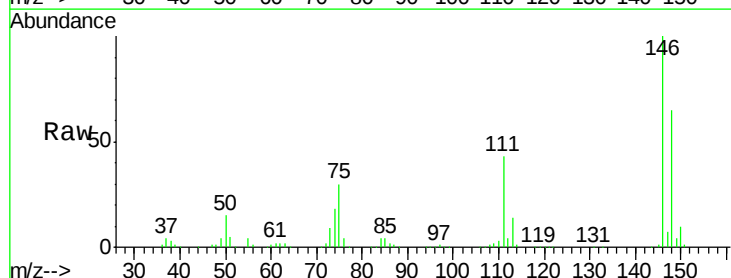
Instrument :
BNA_F
ClientSampleId :

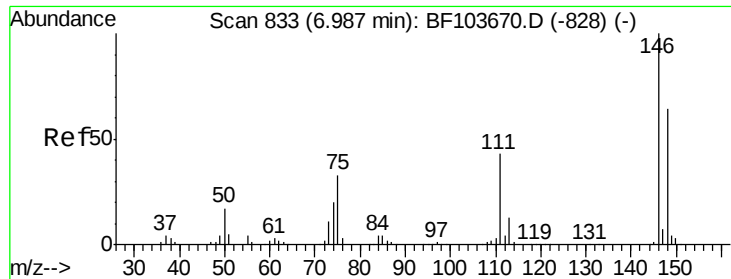
Tot Ion: 93 Resp: 484563
Ion Ratio Lower Upper
93 100
63 71.3 58.6 98.6
95 33.5 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 39.367 ng
RT: 6.92 min Scan# 821
Delta R.T. 0.01 min
Lab File: BF103726.D
Acq: 17 Mar 2018 5:43

Tgt Ion: 146 Resp: 538810
Ion Ratio Lower Upper
146 100
148 64.9 51.8 77.8
75 29.9 24.2 36.4

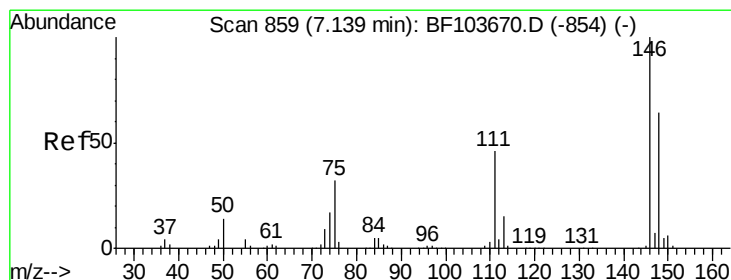
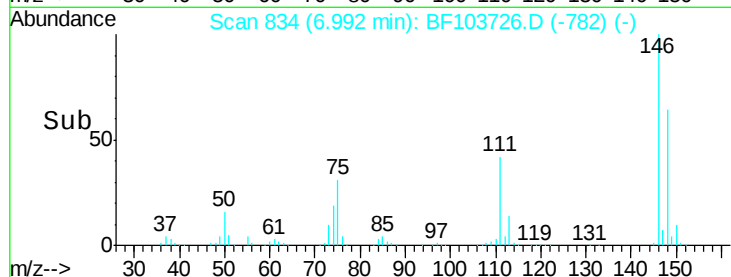
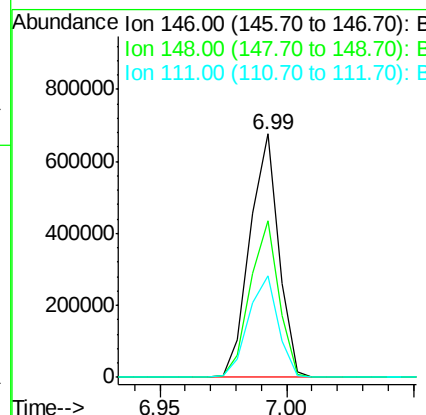
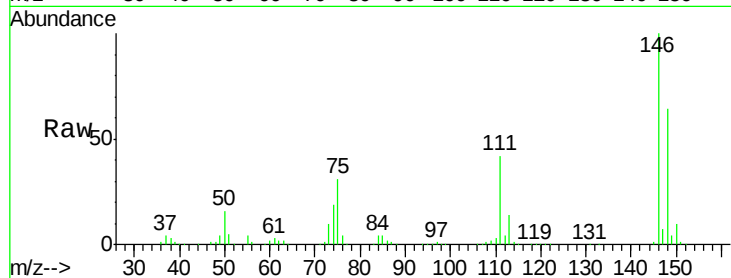




#13
 1,4-Dichlorobenzene
 Concen: 38.963 ng
 RT: 6.99 min Scan# 834
 Delta R.T. 0.01 min
 Lab File: BF103726.D
 Acq: 17 Mar 2018 5:43

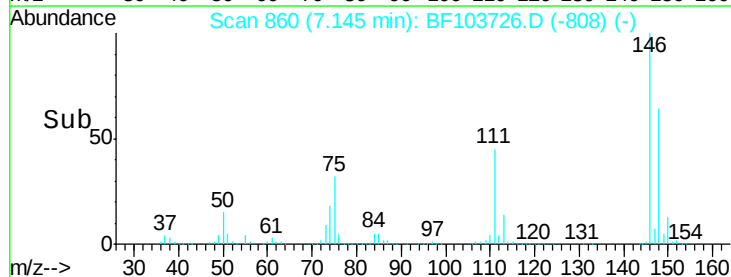
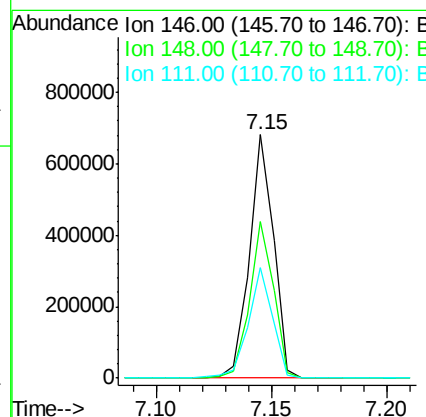
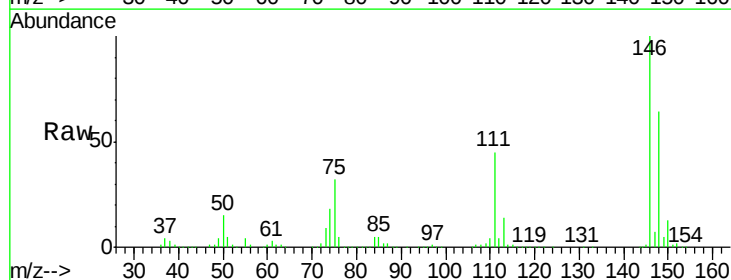
Instrument :
 BNA_F
 ClientSampleId :

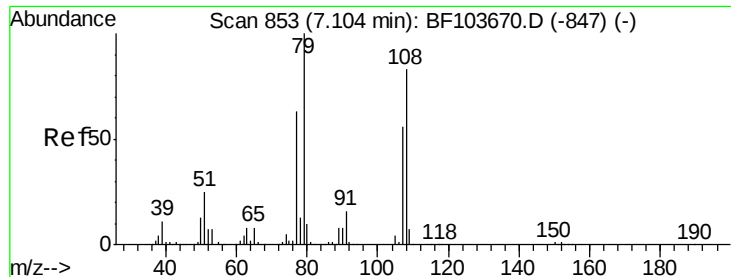
Tot Ion:146 Resp: 535871
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.8 76.2
 111 41.9 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 38.802 ng
 RT: 7.15 min Scan# 860
 Delta R.T. 0.01 min
 Lab File: BF103726.D
 Acq: 17 Mar 2018 5:43

Tgt Ion:146 Resp: 495209
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.6 75.8
 111 45.3 36.0 54.0





#15

Benzyl Alcohol

Concen: 38.153 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.01 min

Lab File: BF103726.D

Acq: 17 Mar 2018 5:43

Instrument :

BNA_F

ClientSampleId :

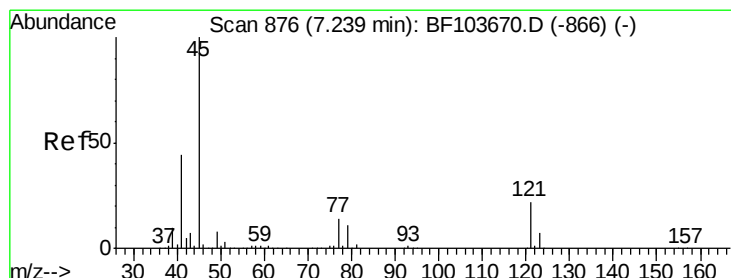
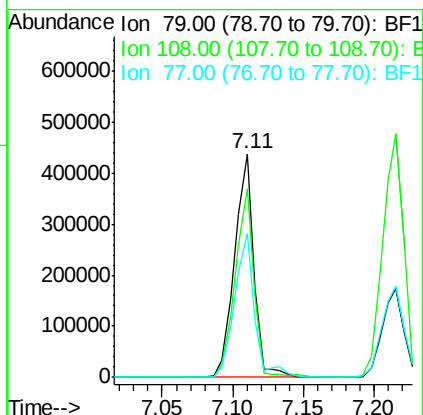
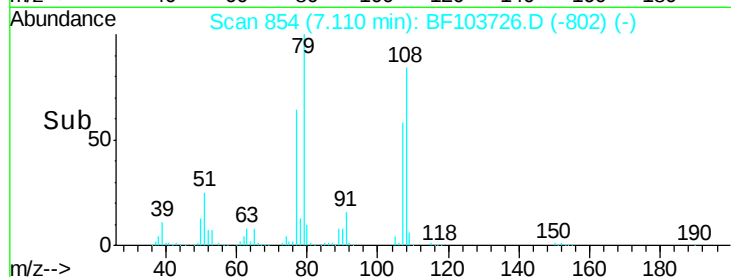
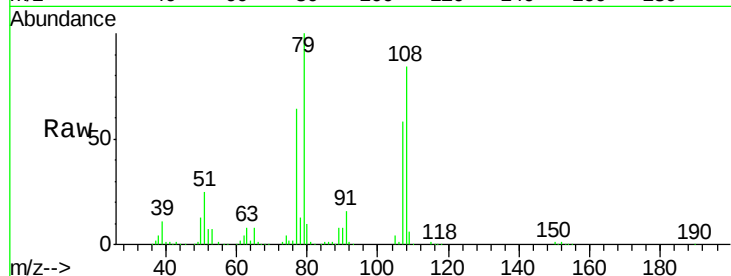
Tot Ion: 79 Resp: 414889

Ion Ratio Lower Upper

79 100

108 84.2 65.1 97.7

77 64.2 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.258 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.01 min

Lab File: BF103726.D

Acq: 17 Mar 2018 5:43

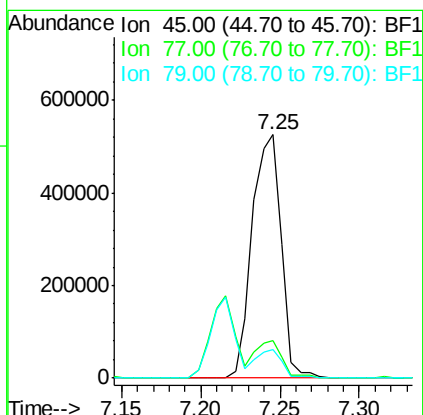
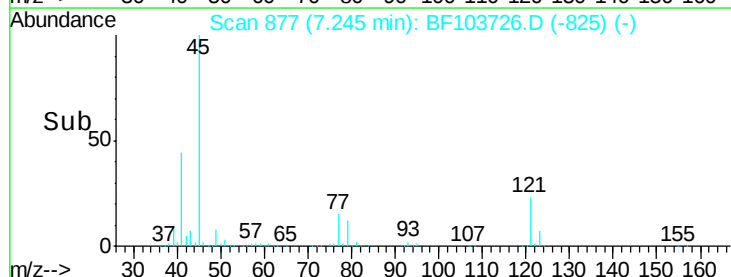
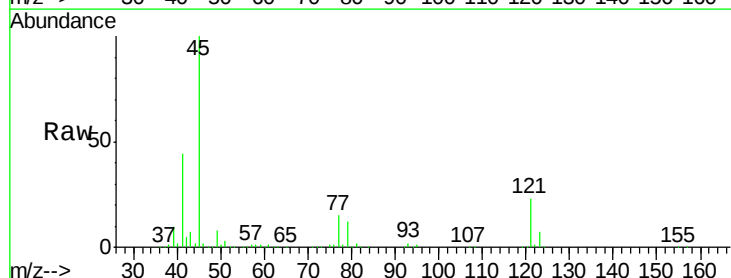
Tgt Ion: 45 Resp: 669921

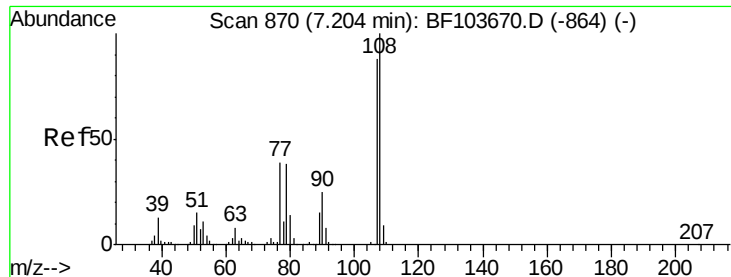
Ion Ratio Lower Upper

45 100

77 15.4 0.0 32.9

79 11.9 0.0 29.6





#17

2-Methylphenol

Concen: 39.900 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF103726.D

Acq: 17 Mar 2018 5:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 426997

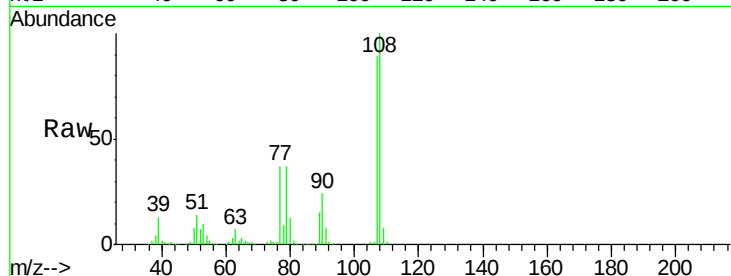
Ion Ratio Lower Upper

107 100

108 112.7 91.7 137.5

77 42.1 33.8 50.8

79 41.3 33.8 50.8

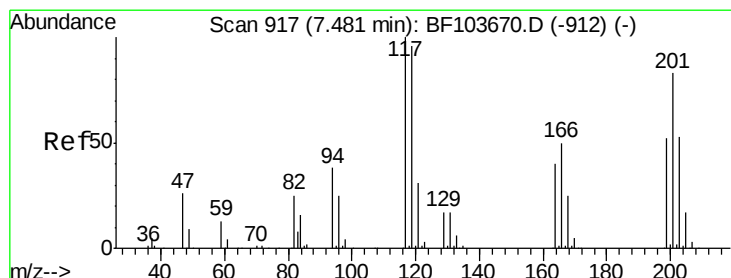
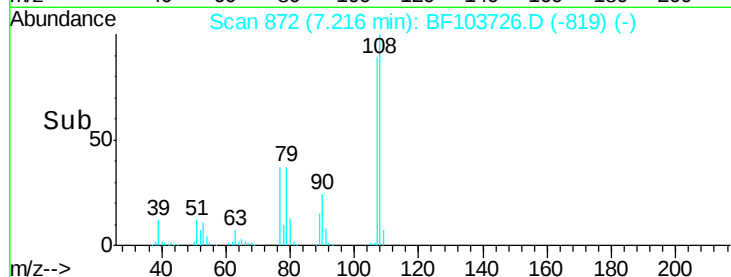
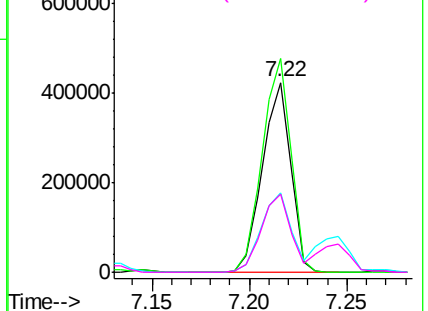


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 27.970 ng

RT: 7.49 min Scan# 918

Delta R.T. 0.01 min

Lab File: BF103726.D

Acq: 17 Mar 2018 5:43

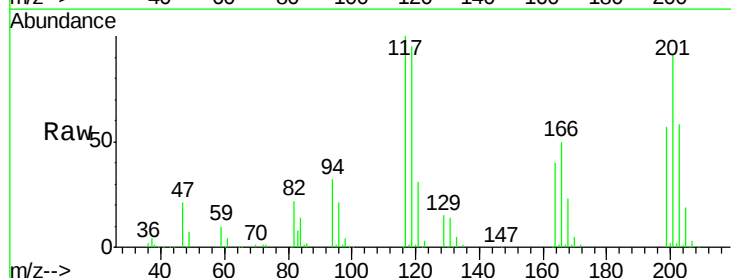
Tgt Ion:117 Resp: 135315

Ion Ratio Lower Upper

117 100

119 94.6 75.8 113.8

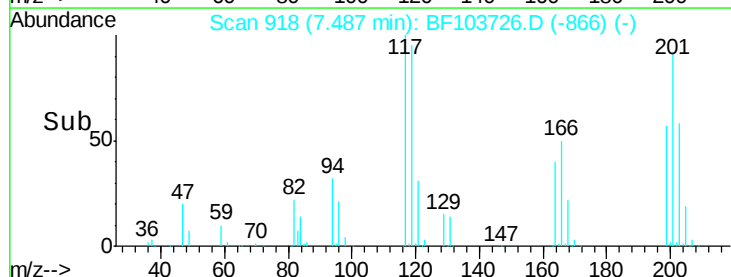
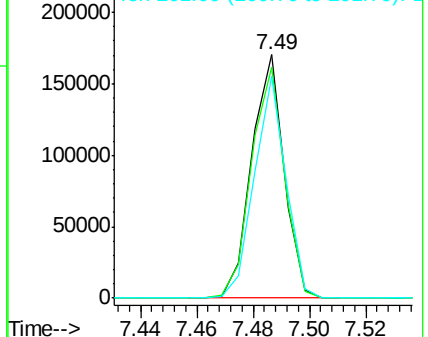
201 91.3 75.7 113.5

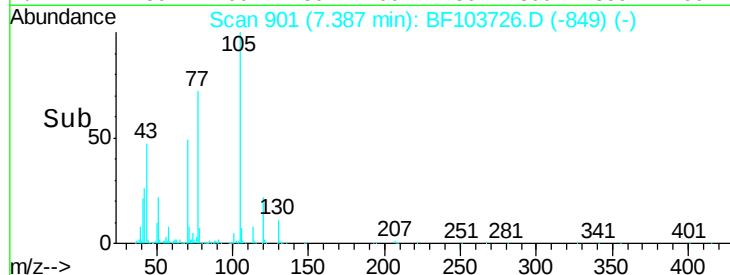
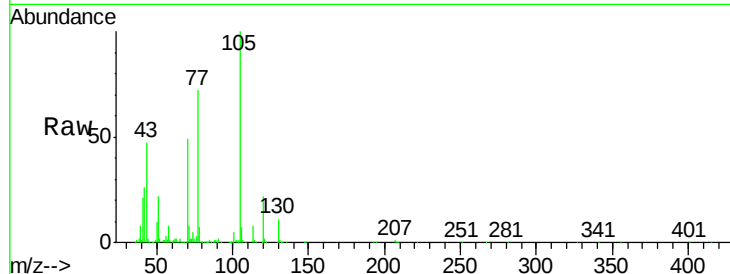
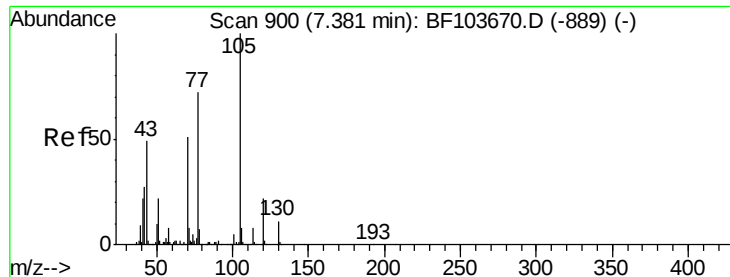


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

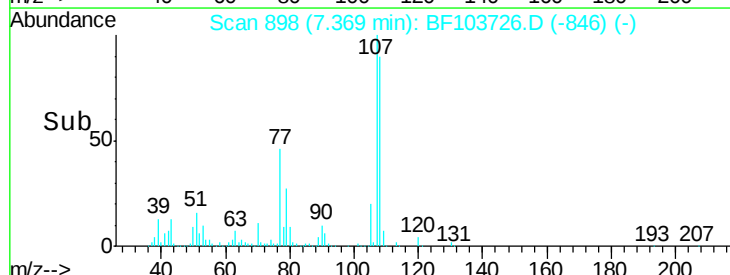
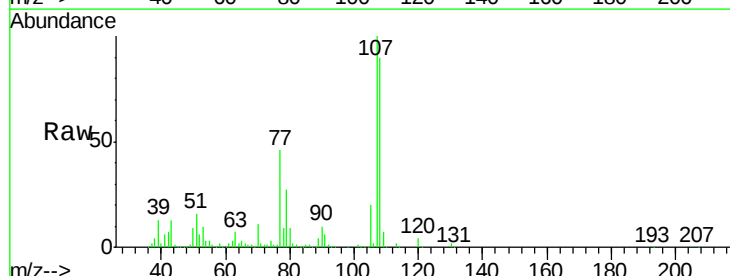
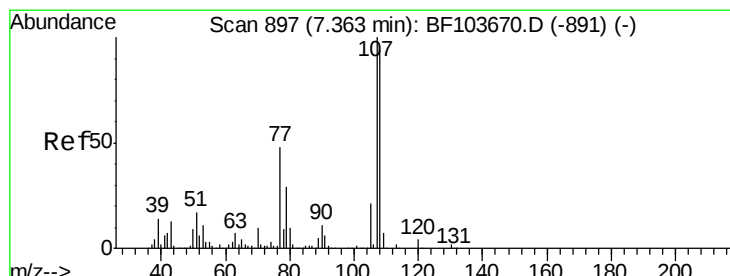
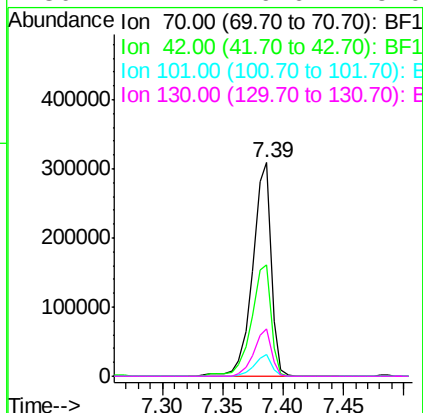




#19
n-Nitroso-di-n-propylamine
Concen: 36.821 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.01 min
Lab File: BF103726.D
Acq: 17 Mar 2018 5:43

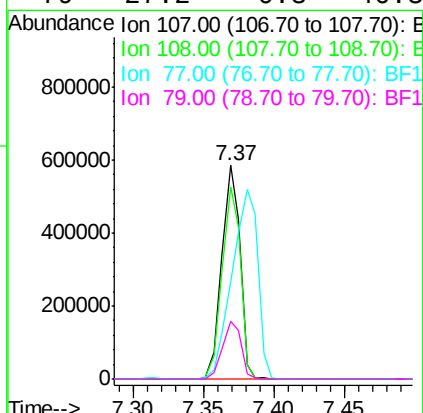
Instrument :
BNA_F
ClientSampled :

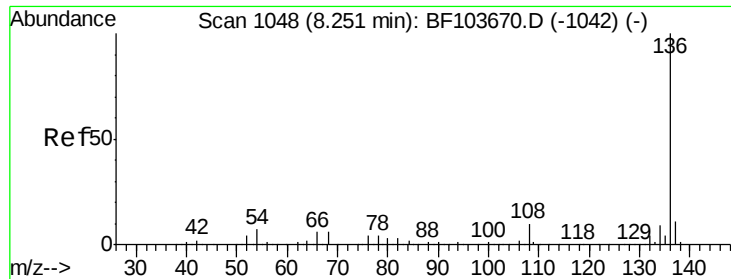
Tot Ion: 70 Resp: 331179
Ion Ratio Lower Upper
70 100
42 52.4 47.5 71.3
101 10.4 7.4 11.2
130 22.2 16.6 25.0



#20
3+4-Methylphenols
Concen: 38.702 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF103726.D
Acq: 17 Mar 2018 5:43

Tgt Ion: 107 Resp: 525623
Ion Ratio Lower Upper
107 100
108 90.2 68.2 108.2
77 45.7 26.7 66.7
79 27.2 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BF103726.D

Acq: 17 Mar 2018 5:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 691578

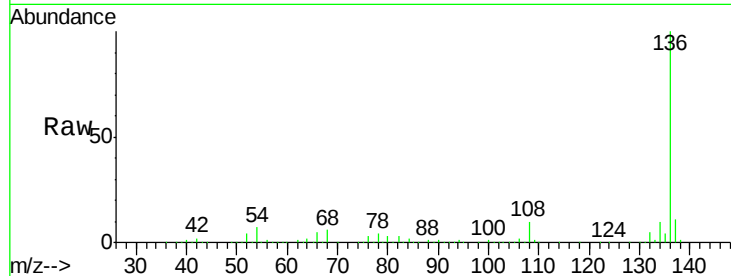
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.5 6.6 9.8

68 6.3 5.0 7.4

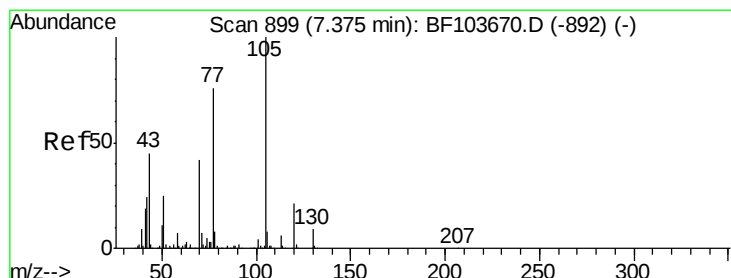
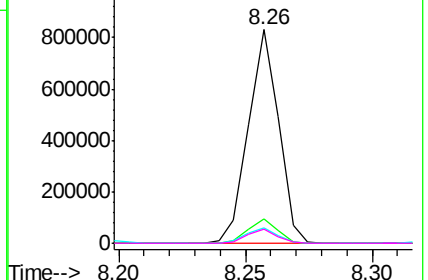
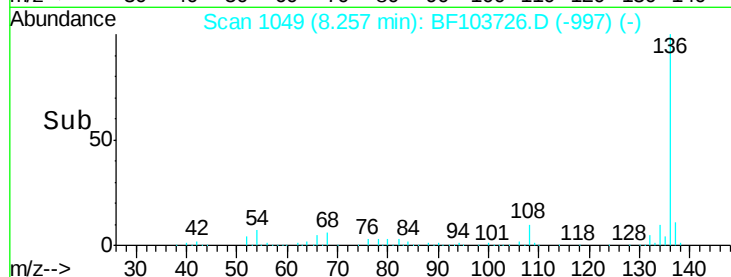


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.825 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.01 min

Lab File: BF103726.D

Acq: 17 Mar 2018 5:43

Tgt Ion:105 Resp: 672301

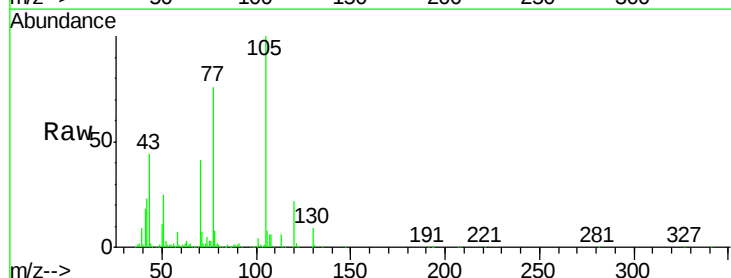
Ion Ratio Lower Upper

105 100

71 7.2 4.4 6.6#

51 24.8 22.3 33.5

120 21.6 16.9 25.3

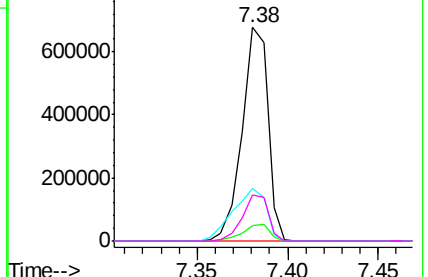
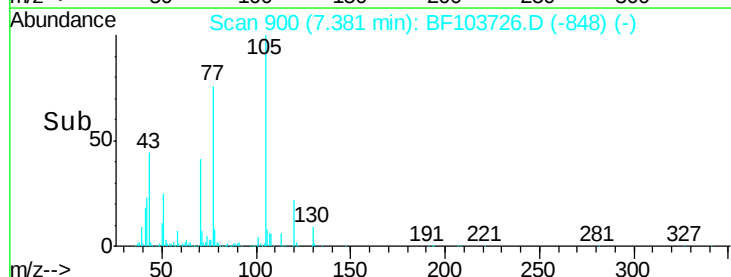


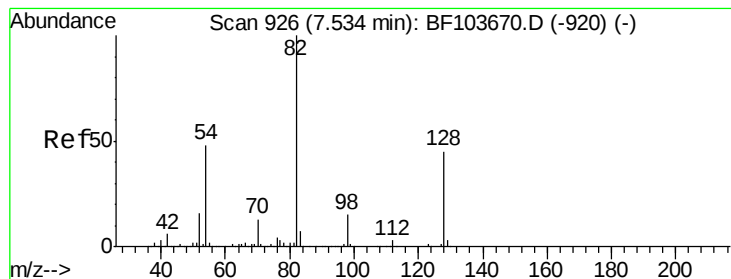
Abundance Ion 105.00 (104.70 to 105.70): E

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: 96.228 ng

RT: 7.54 min Scan# 927

Delta R.T. 0.01 min

Lab File: BF103726.D

Acq: 17 Mar 2018 5:43

Instrument :

BNA_F

ClientSampled :

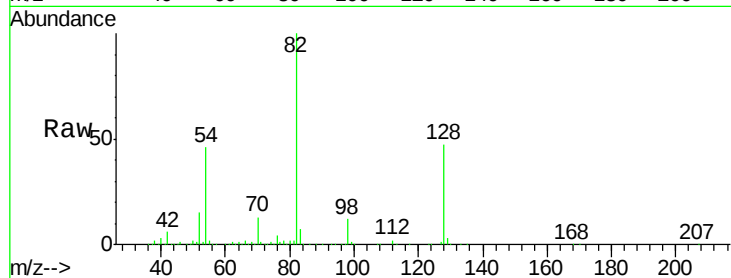
Tot Ion: 82 Resp: 954301

Ion Ratio Lower Upper

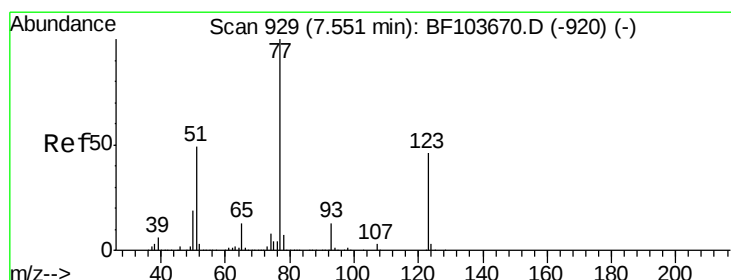
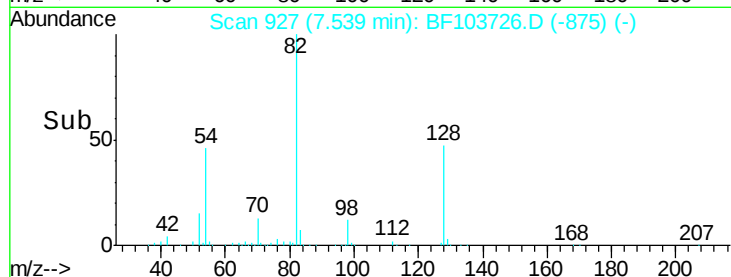
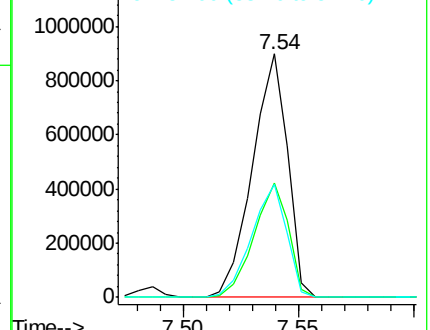
82 100

128 46.9 36.1 54.1

54 46.5 41.4 62.2



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



#24

Nitrobenzene

Concen: 44.645 ng

RT: 7.56 min Scan# 930

Delta R.T. 0.01 min

Lab File: BF103726.D

Acq: 17 Mar 2018 5:43

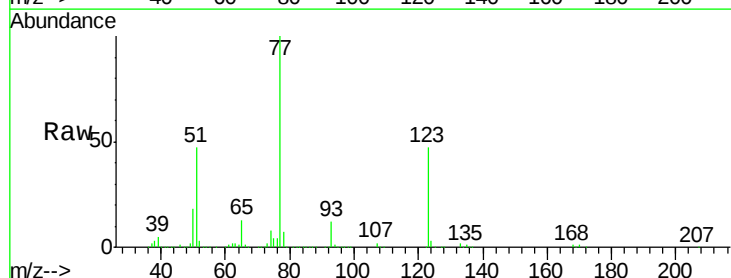
Tgt Ion: 77 Resp: 519786

Ion Ratio Lower Upper

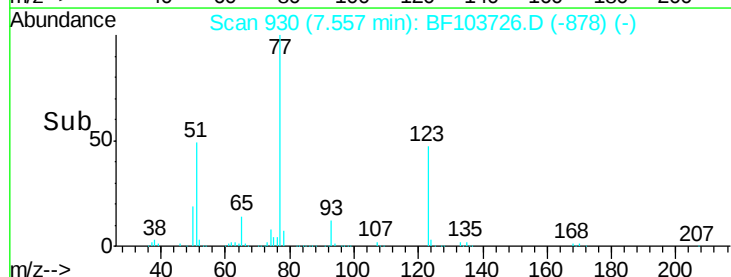
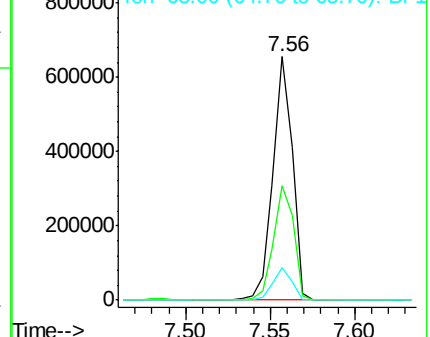
77 100

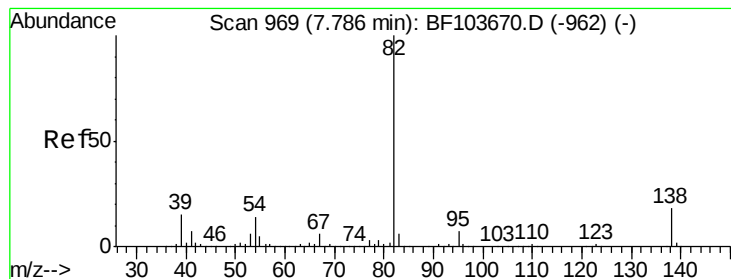
123 47.0 37.9 56.9

65 13.4 11.0 16.4



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





#25

Isophorone

Concen: 39.625 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF103726.D

Acq: 17 Mar 2018 5:43

Instrument :

BNA_F

ClientSampleId :

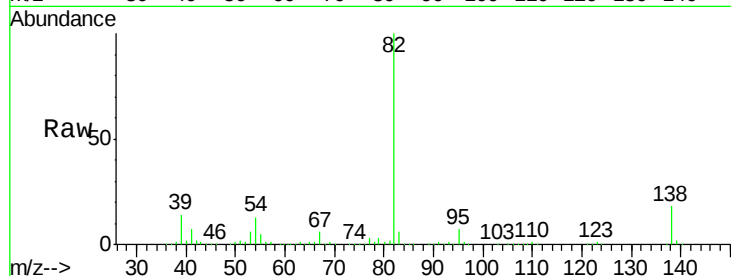
Tot Ion: 82 Resp: 909677

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

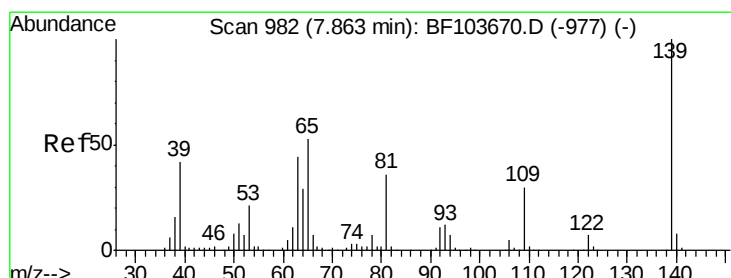
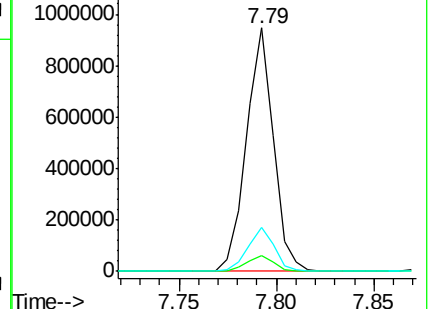
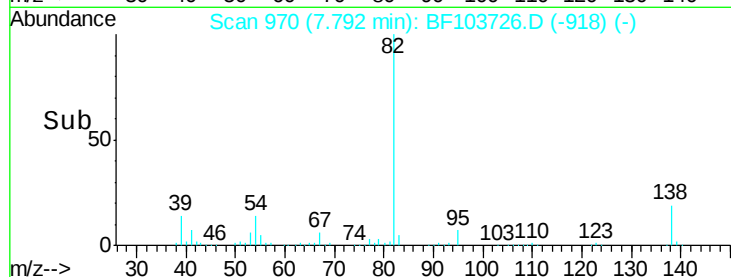
138 18.0 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 45.825 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF103726.D

Acq: 17 Mar 2018 5:43

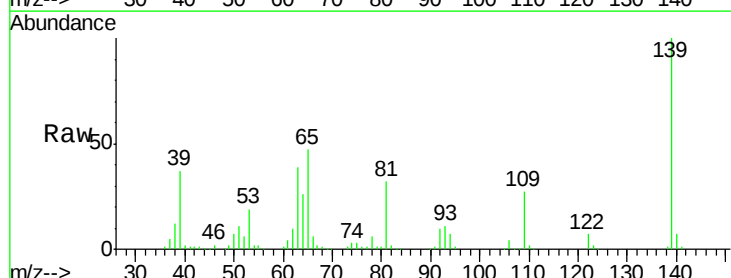
Tgt Ion: 139 Resp: 200627

Ion Ratio Lower Upper

139 100

109 27.1 22.7 34.1

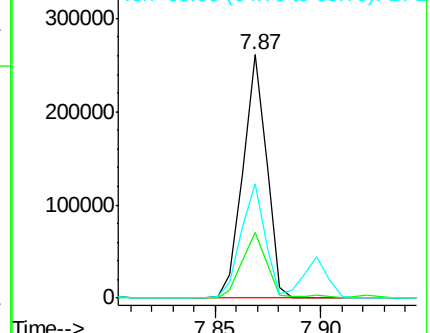
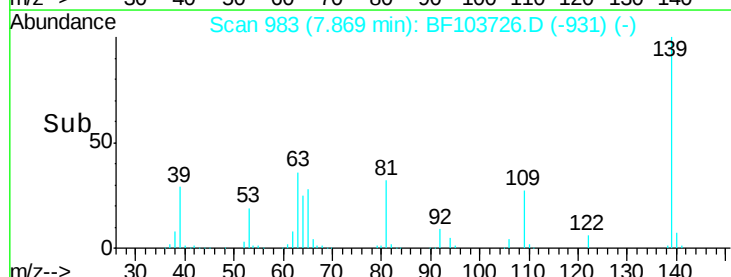
65 47.1 40.5 60.7

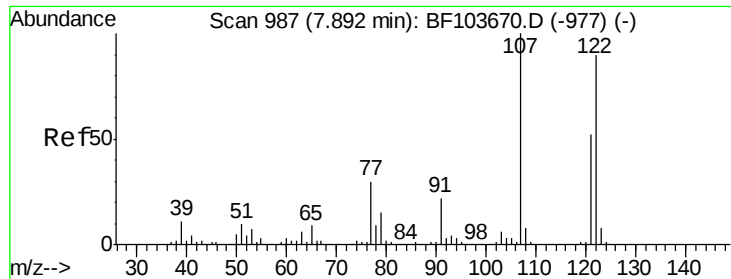


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

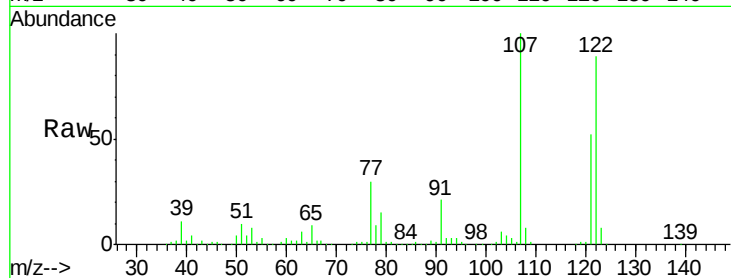




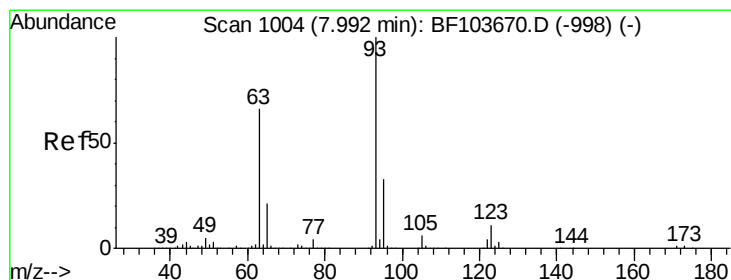
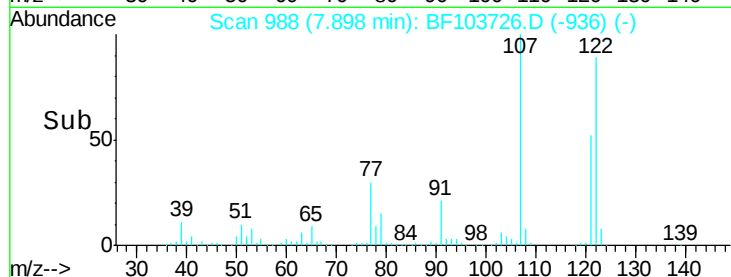
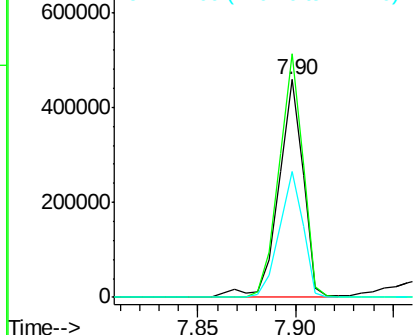
#27
2,4-Dimethylphenol
Concen: 40.777 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF103726.D
Acq: 17 Mar 2018 5:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 401040
Ion Ratio Lower Upper
122 100
107 111.7 91.2 136.8
121 57.6 47.2 70.8

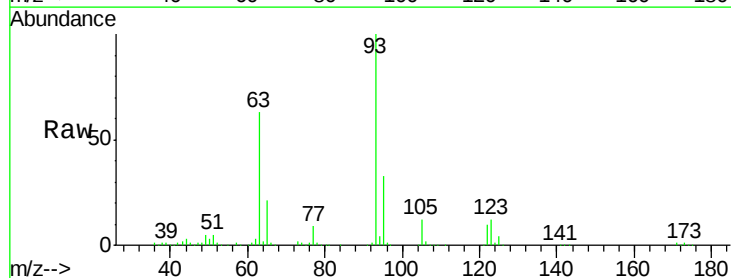


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

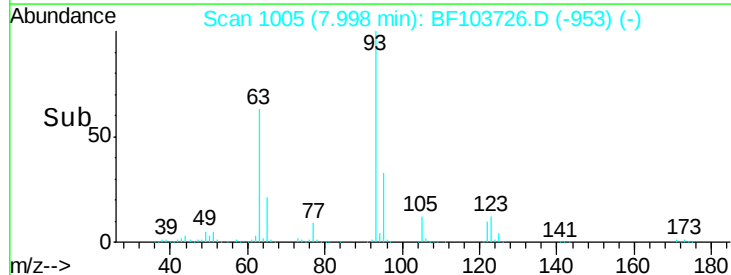
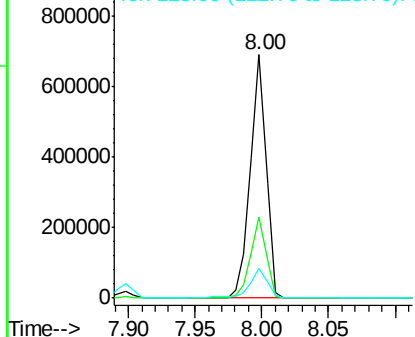


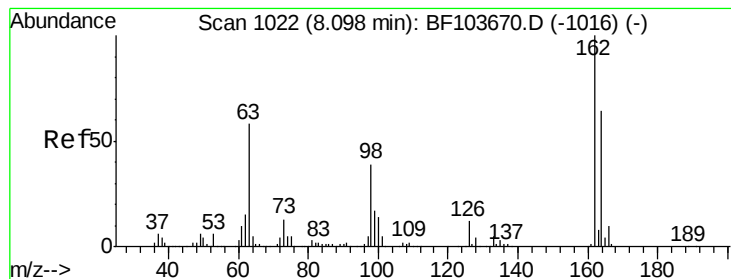
#28
bis(2-Chloroethoxy)methane
Concen: 40.084 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF103726.D
Acq: 17 Mar 2018 5:43

Tgt Ion: 93 Resp: 557233
Ion Ratio Lower Upper
93 100
95 33.2 26.3 39.5
123 12.0 9.8 14.6



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





#29

2,4-Dichlorophenol

Concen: 42.018 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.01 min

Lab File: BF103726.D

Acq: 17 Mar 2018 5:43

Instrument :

BNA_F

ClientSampleId :

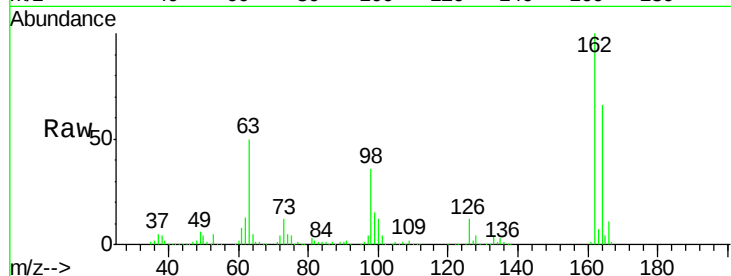
Tot Ion:162 Resp: 375965

Ion Ratio Lower Upper

162 100

164 65.6 42.7 82.7

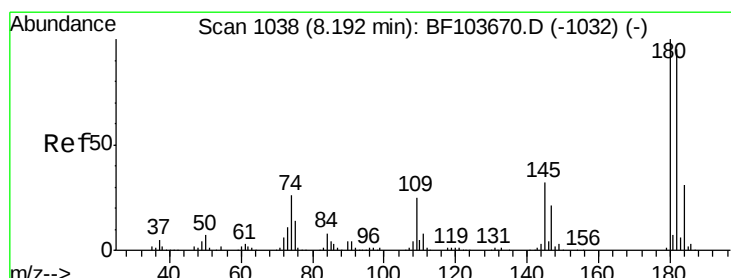
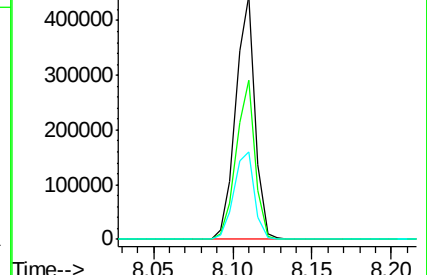
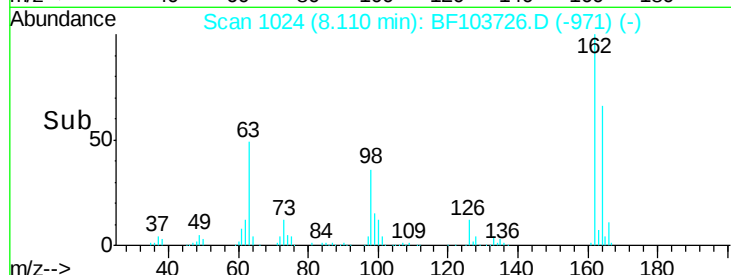
98 35.9 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 39.774 ng

RT: 8.20 min Scan# 1039

Delta R.T. 0.01 min

Lab File: BF103726.D

Acq: 17 Mar 2018 5:43

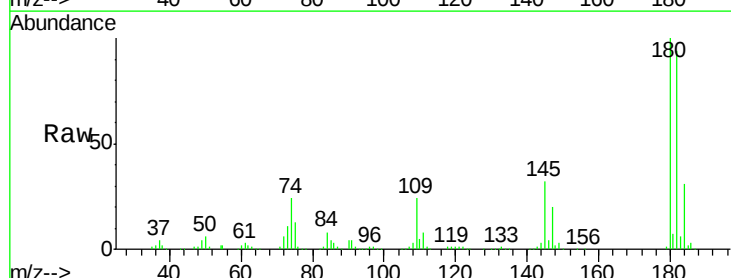
Tgt Ion:180 Resp: 412778

Ion Ratio Lower Upper

180 100

182 94.2 76.8 115.2

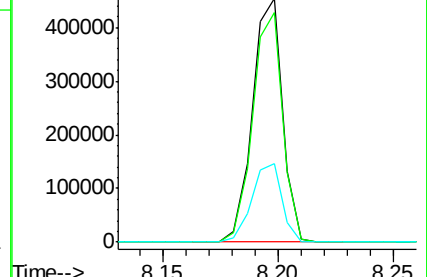
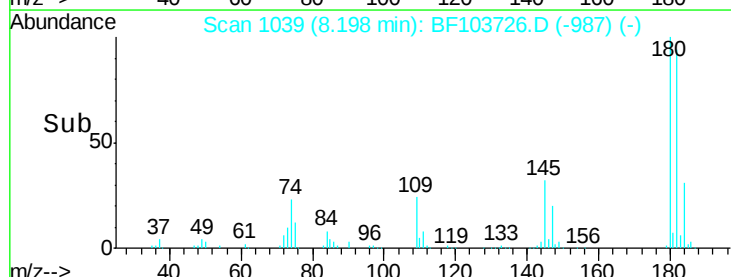
145 32.1 26.5 39.7

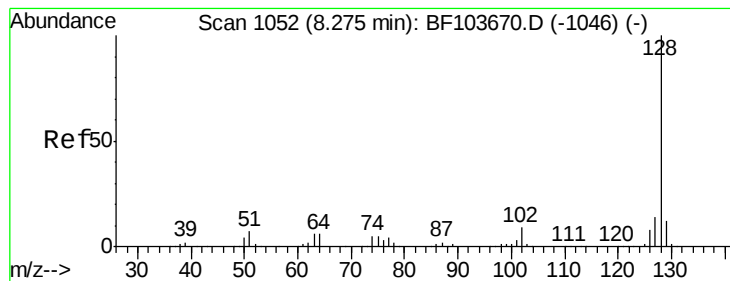


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.420 ng

RT: 8.28 min Scan# 1053

Delta R.T. 0.01 min

Lab File: BF103726.D

Acq: 17 Mar 2018 5:43

Instrument :

BNA_F

ClientSampled :

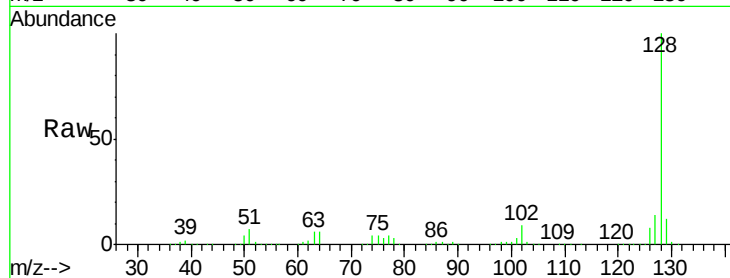
Tot Ion:128 Resp: 1342192

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

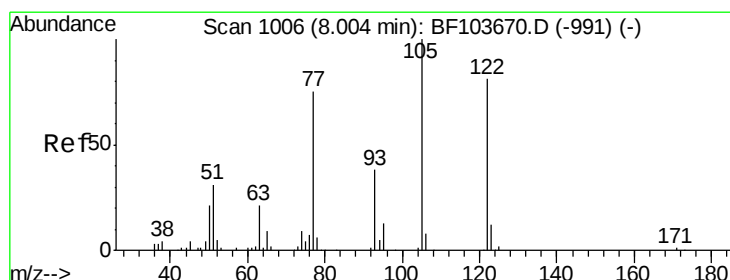
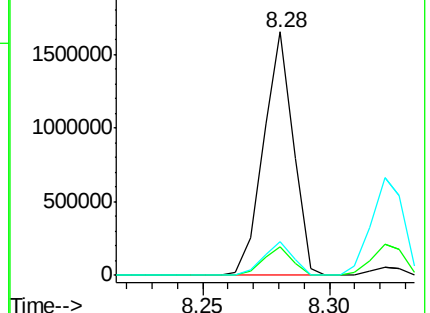
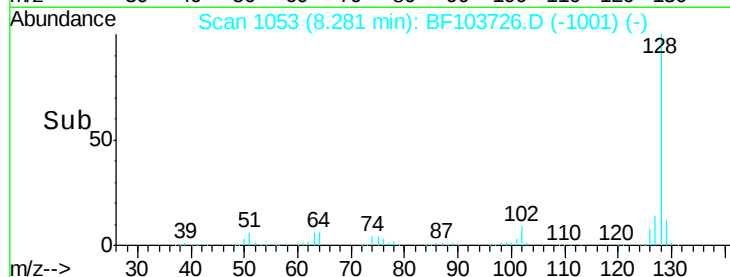
127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.941 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF103726.D

Acq: 17 Mar 2018 5:43

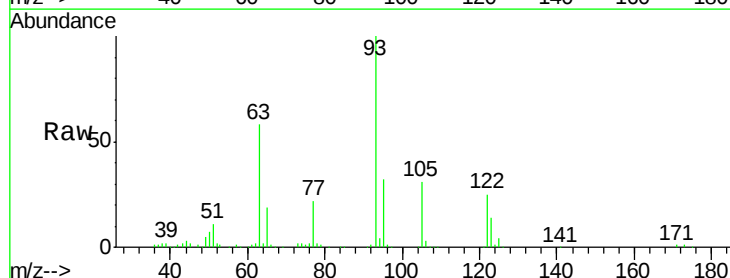
Tgt Ion:122 Resp: 227656

Ion Ratio Lower Upper

122 100

105 123.0 101.1 141.1

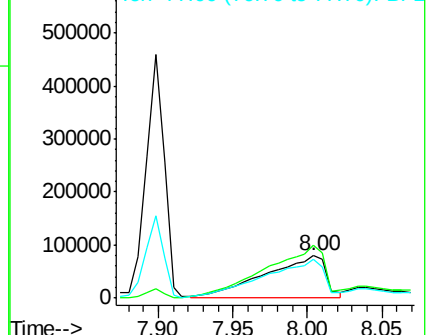
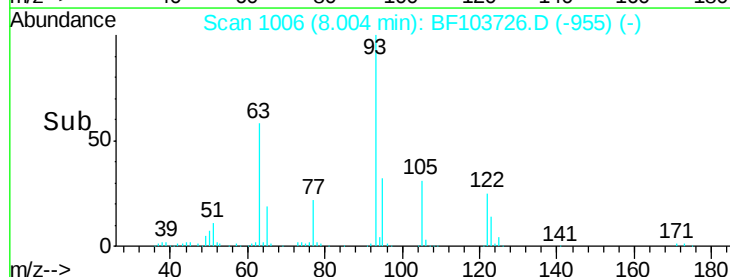
77 90.4 70.7 110.7

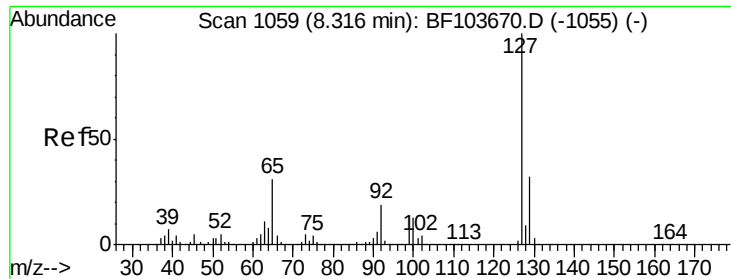


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

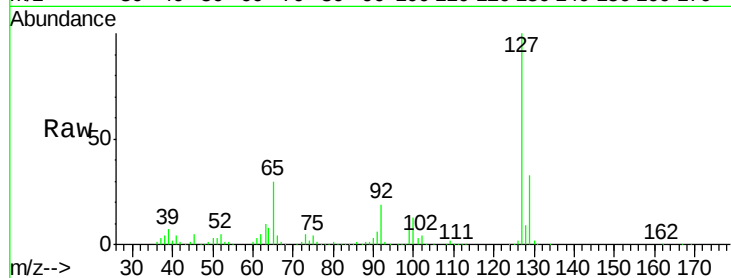




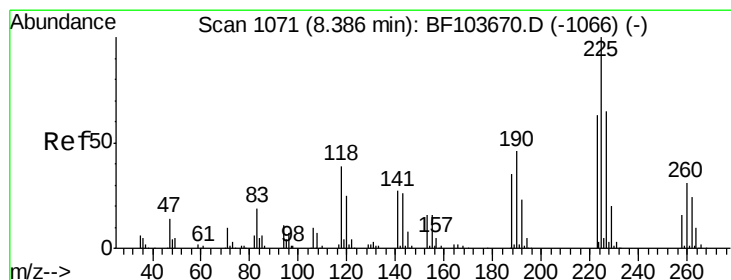
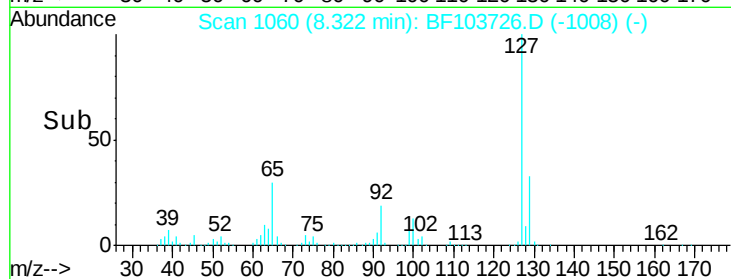
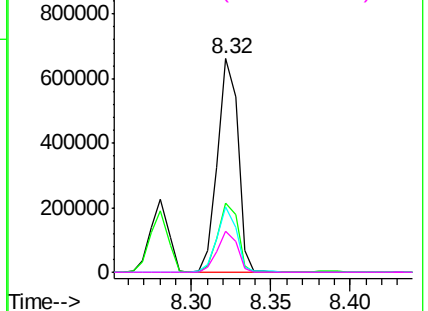
#33
4-Chloroaniline
Concen: 40.475 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.01 min
Lab File: BF103726.D
Acq: 17 Mar 2018 5:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	593217
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	30.5	25.0	37.4
92	19.2	15.2	22.8

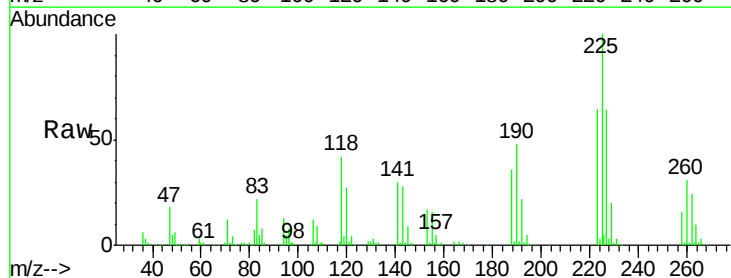


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

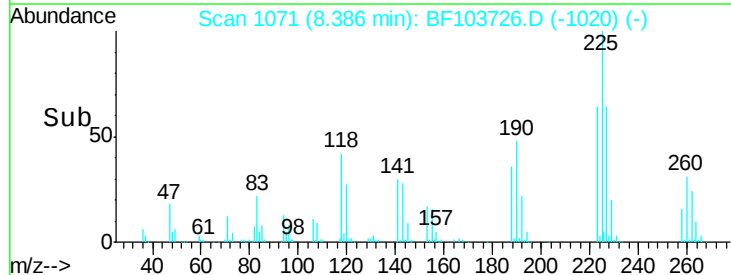
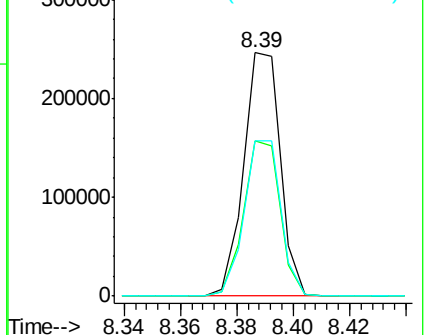


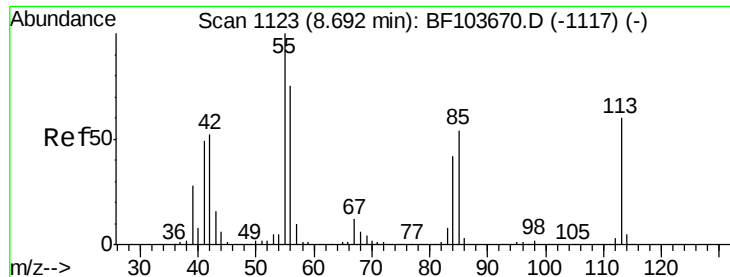
#34
Hexachlorobutadiene
Concen: 39.005 ng
RT: 8.39 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BF103726.D
Acq: 17 Mar 2018 5:43

Tgt Ion:	225	Resp:	221940
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.6	76.0
227	63.7	51.9	77.9



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

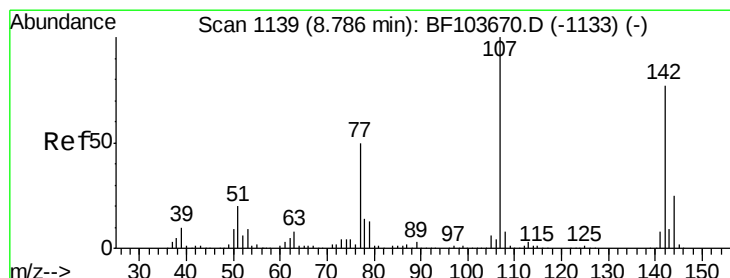
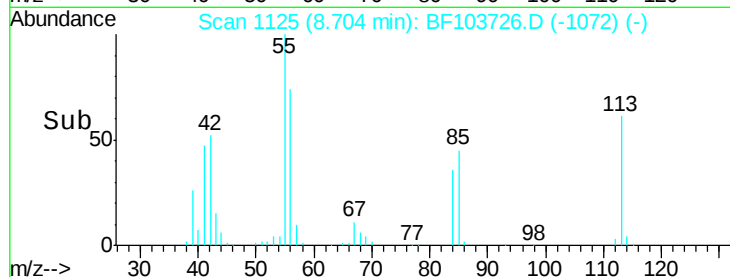
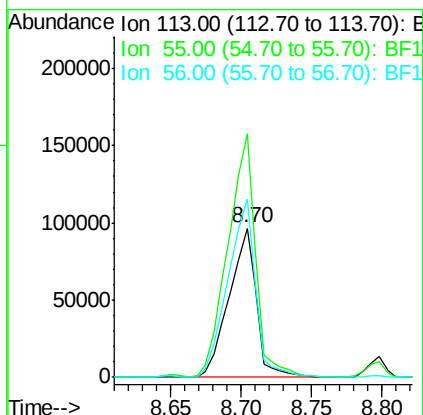
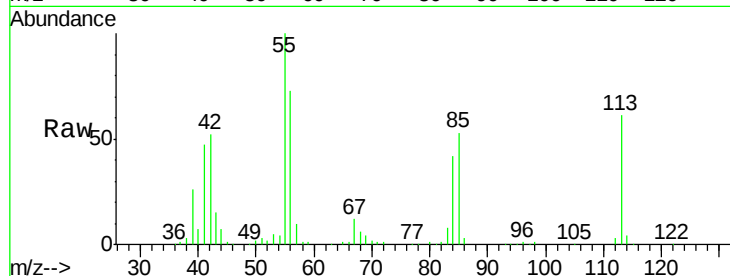




#35
Caprolactam
Concen: 42.118 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.01 min
Lab File: BF103726.D
Acq: 17 Mar 2018 5:43

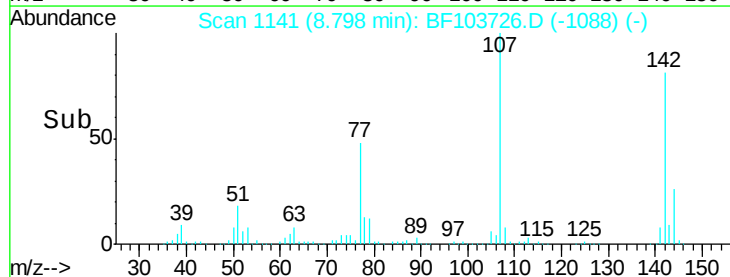
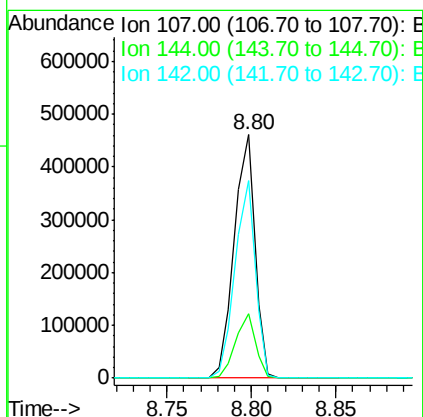
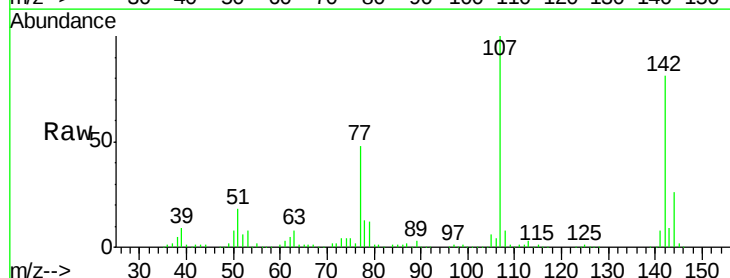
Instrument :
BNA_F
ClientSampled :

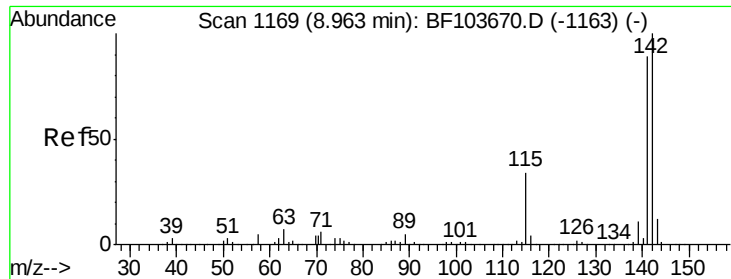
Tot Ion:113 Resp: 129770
Ion Ratio Lower Upper
113 100
55 163.2 163.3 203.3#
56 119.9 115.7 155.7



#36
4-Chloro-3-methylphenol
Concen: 40.095 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.01 min
Lab File: BF103726.D
Acq: 17 Mar 2018 5:43

Tgt Ion:107 Resp: 395503
Ion Ratio Lower Upper
107 100
144 26.2 20.5 30.7
142 80.9 62.0 93.0

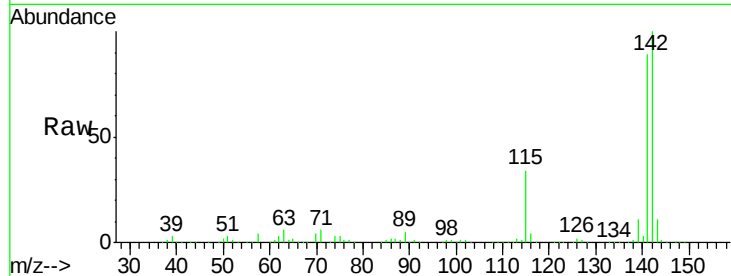




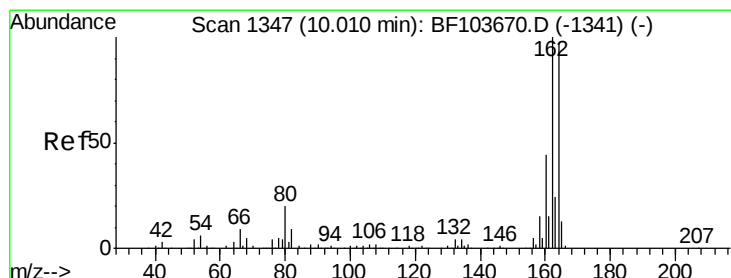
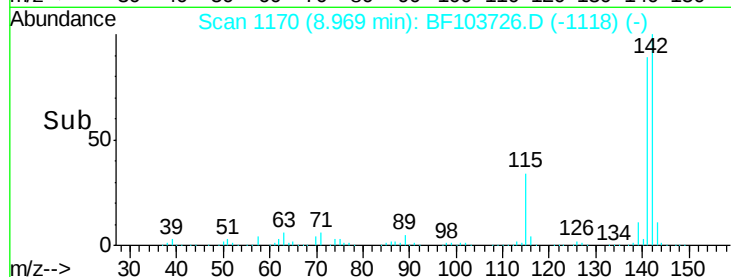
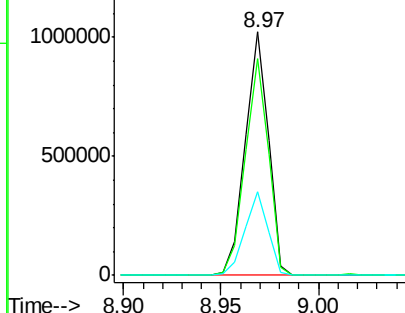
#37
2-Methylnaphthalene
Concen: 37.908 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF103726.D
Acq: 17 Mar 2018 5:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 839818
Ion Ratio Lower Upper
142 100
141 89.3 70.8 106.2
115 34.4 26.1 39.1

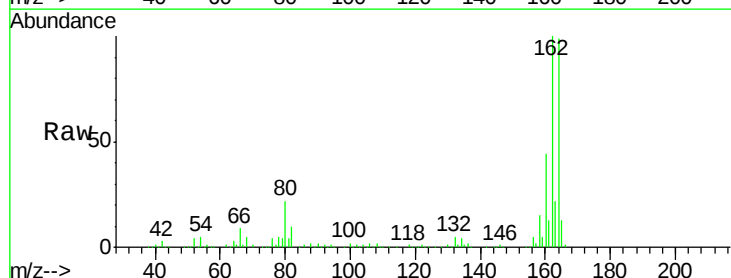


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

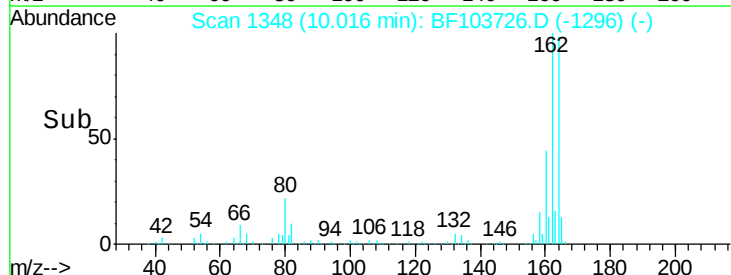
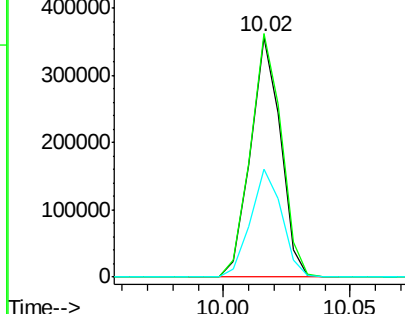


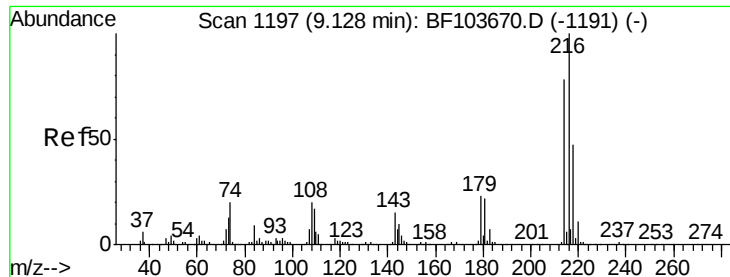
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF103726.D
Acq: 17 Mar 2018 5:43

Tgt Ion:164 Resp: 295149
Ion Ratio Lower Upper
164 100
162 101.4 86.1 129.1
160 44.8 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

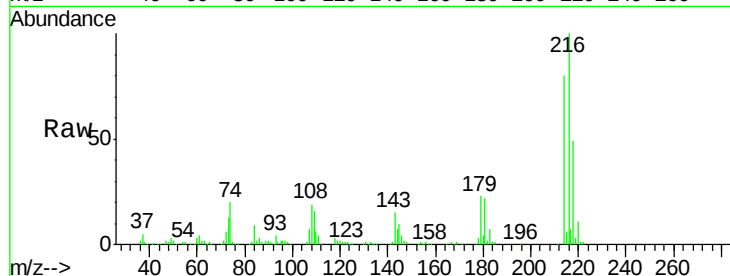




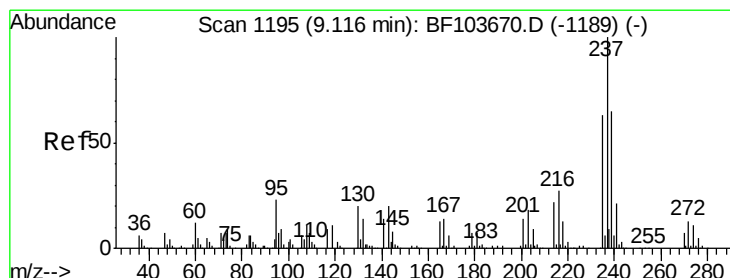
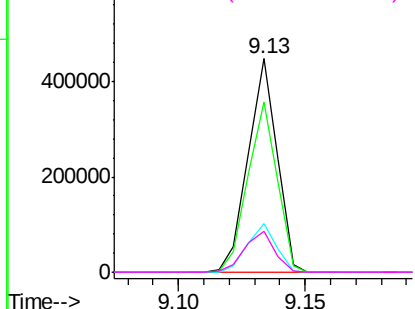
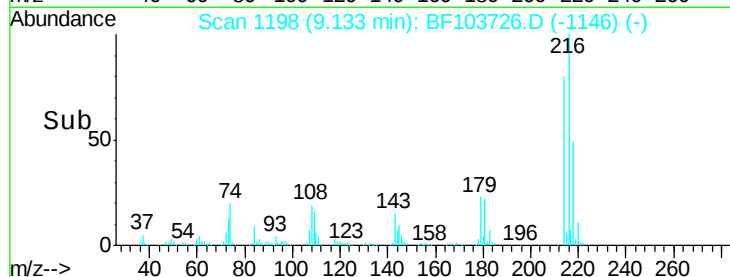
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.495 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF103726.D
 Acq: 17 Mar 2018 5:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	357821
Ion Ratio	Lower	Upper
216	100	
214	80.3	63.0 94.4
179	22.6	18.1 27.1
108	19.7	17.2 25.8

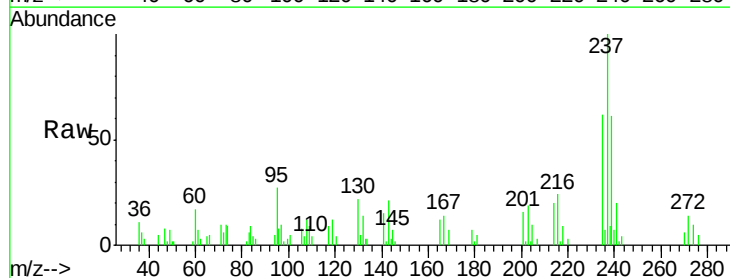


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

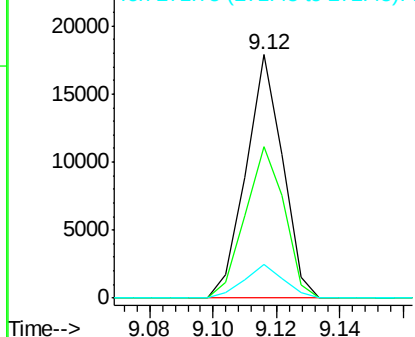
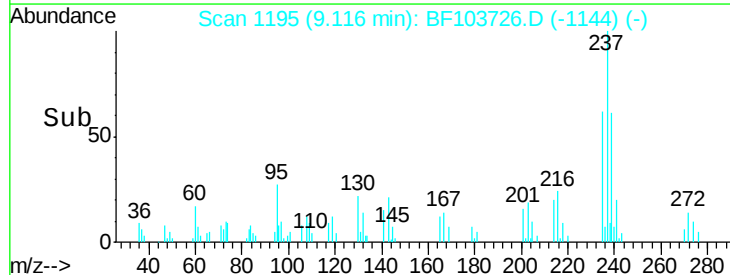


#40
 Hexachlorocyclopentadiene
 Concen: 3.294 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF103726.D
 Acq: 17 Mar 2018 5:43

Tgt Ion:237	Resp:	14313
Ion Ratio	Lower	Upper
237	100	
235	62.0	44.8 84.8
272	13.7	0.0 33.3



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

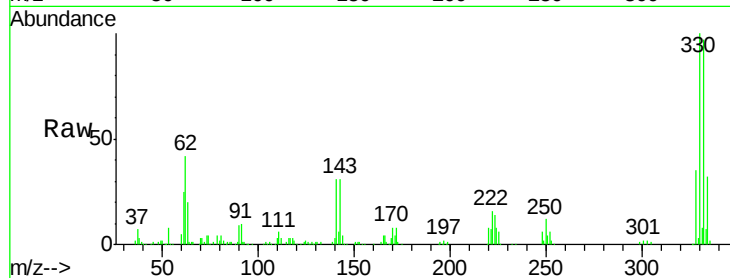




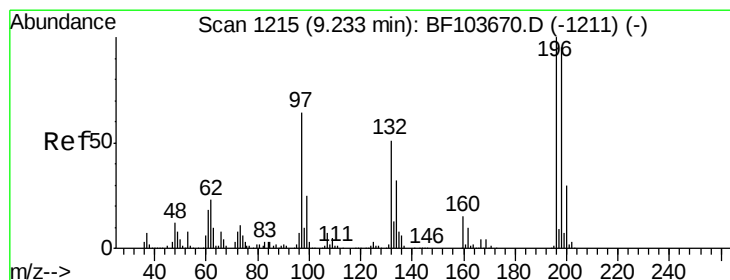
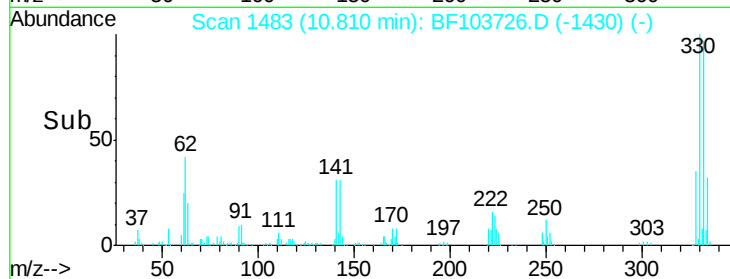
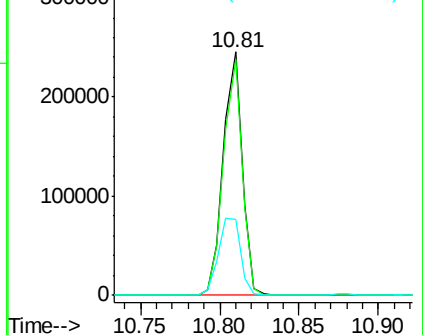
#41
 2,4,6-Tribromophenol
 Concen: 80.645 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: BF103726.D
 Acq: 17 Mar 2018 5:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 204653
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 36.8 29.9 44.9

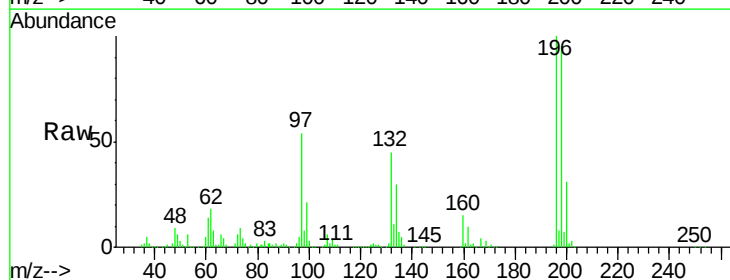


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

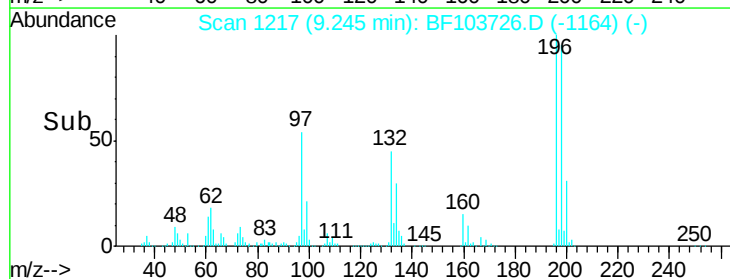
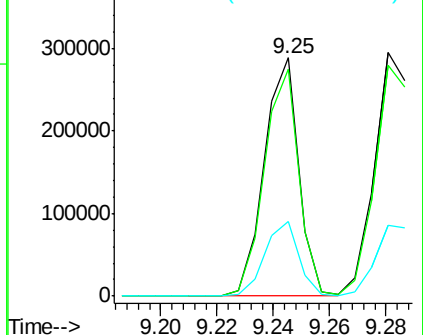


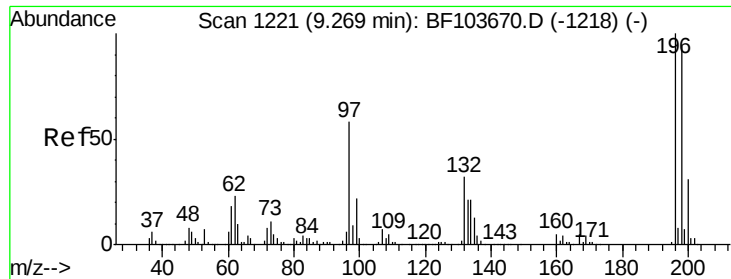
#42
 2,4,6-Trichlorophenol
 Concen: 45.441 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.01 min
 Lab File: BF103726.D
 Acq: 17 Mar 2018 5:43

Tgt Ion:196 Resp: 244739
 Ion Ratio Lower Upper
 196 100
 198 95.2 75.7 113.5
 200 31.1 24.5 36.7



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

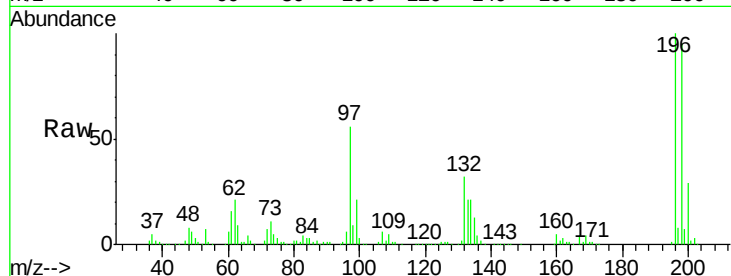




#43
 2,4,5-Trichlorophenol
 Concen: 44.667 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BF103726.D
 Acq: 17 Mar 2018 5:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	94.8	74.6	112.0	
97	55.6	42.9	64.3	
132	31.5	26.3	39.5	



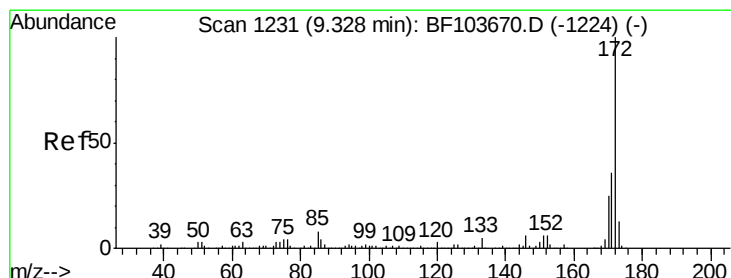
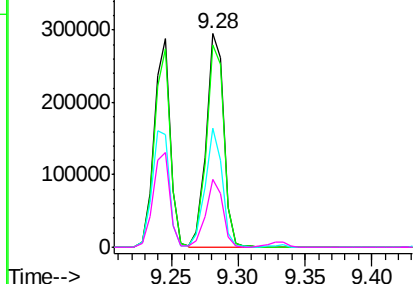
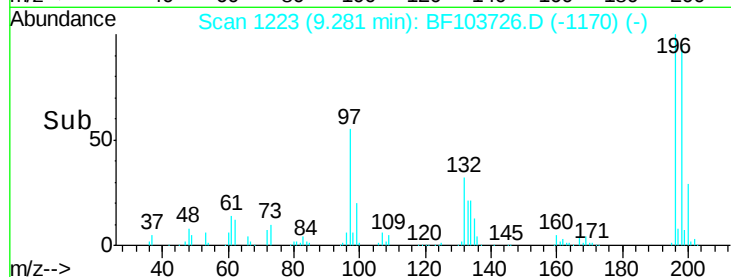
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

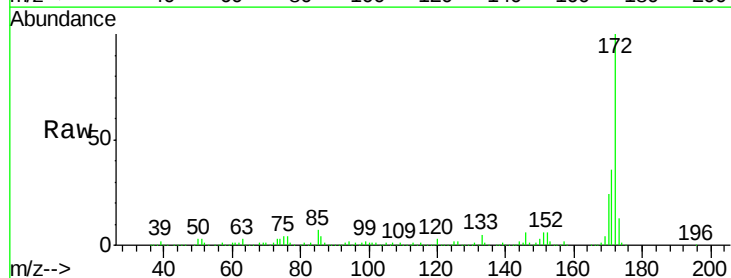
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 78.034 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.01 min
 Lab File: BF103726.D
 Acq: 17 Mar 2018 5:43

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.4	29.7	44.5	
170	24.5	19.6	29.4	

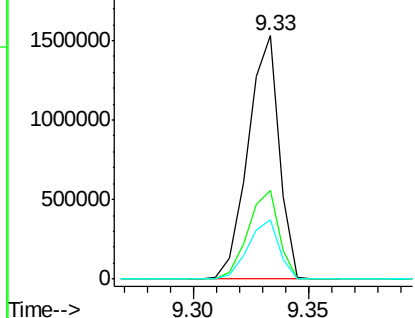
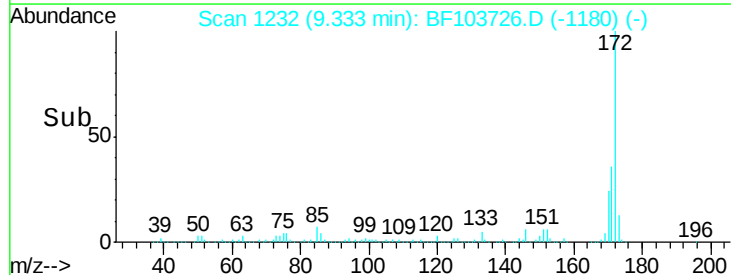


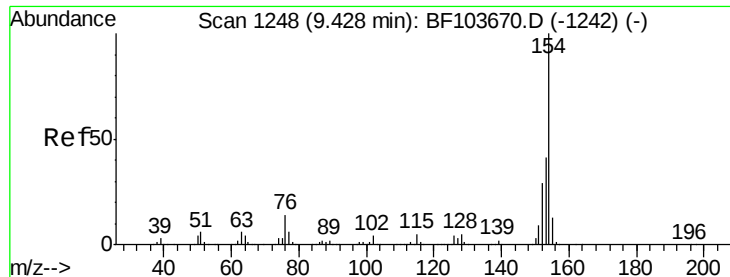
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 41.120 ng

RT: 9.43 min Scan# 1249

Delta R.T. 0.01 min

Lab File: BF103726.D

Acq: 17 Mar 2018 5:43

Instrument :

BNA_F

ClientSampleId :

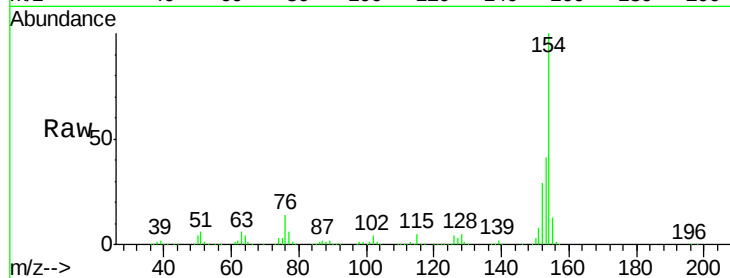
Tot Ion:154 Resp: 1012010

Ion Ratio Lower Upper

154 100

153 41.2 21.3 61.3

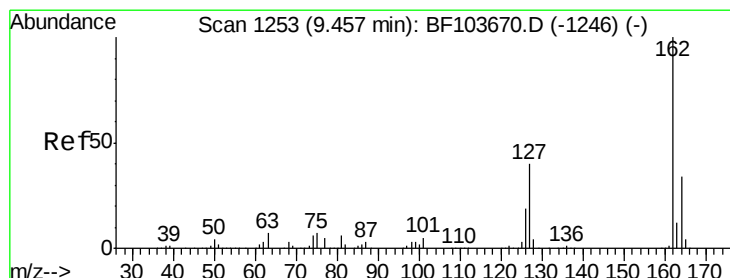
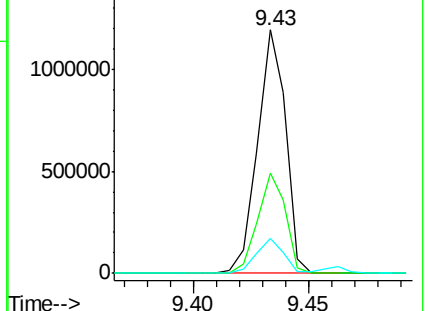
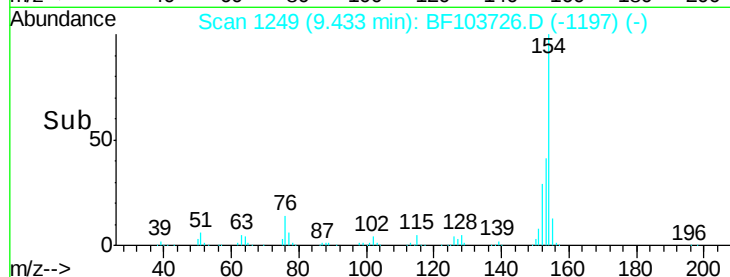
76 14.2 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 40.567 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.01 min

Lab File: BF103726.D

Acq: 17 Mar 2018 5:43

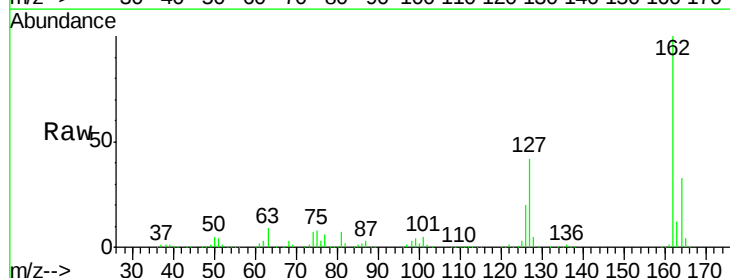
Tgt Ion:162 Resp: 792984

Ion Ratio Lower Upper

162 100

127 41.6 33.9 50.9

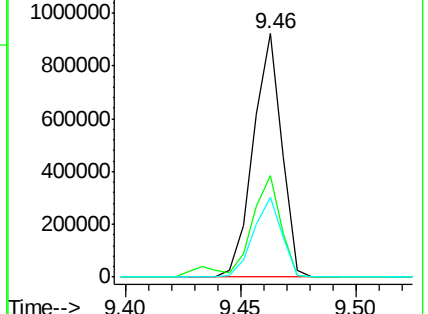
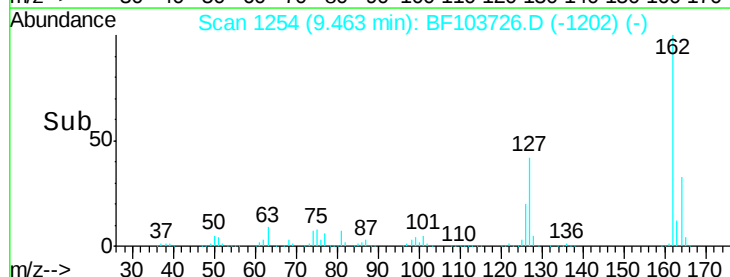
164 32.8 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

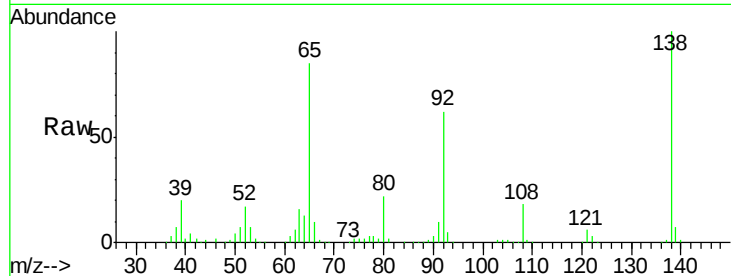




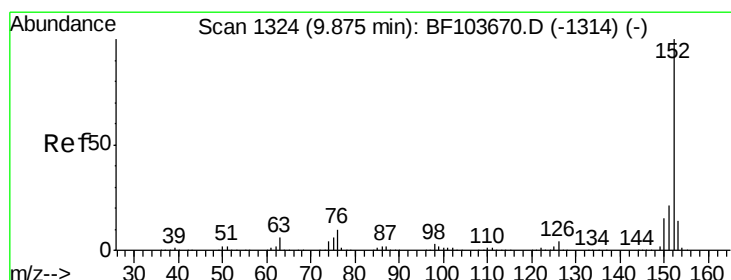
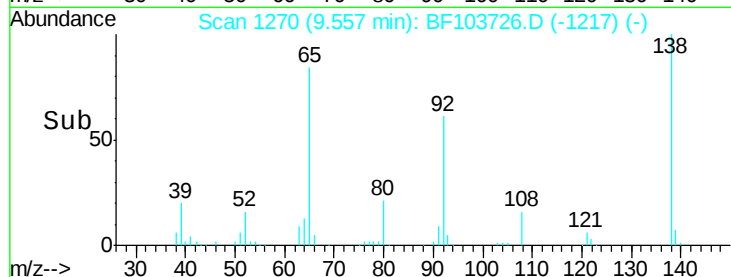
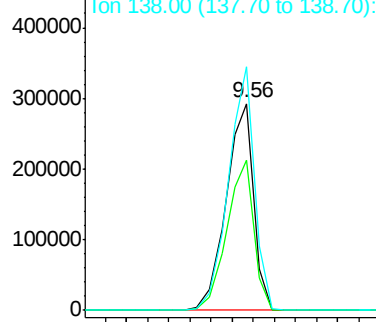
#47
2-Nitroaniline
Concen: 51.212 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF103726.D
Acq: 17 Mar 2018 5:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 264596
Ion Ratio Lower Upper
65 100
92 72.4 55.8 83.6
138 117.6 91.2 136.8

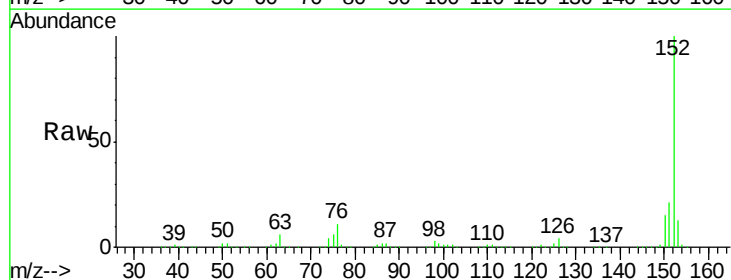


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

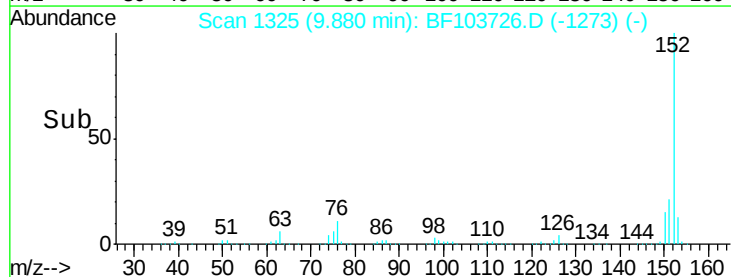
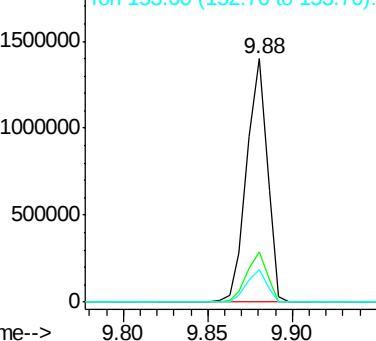


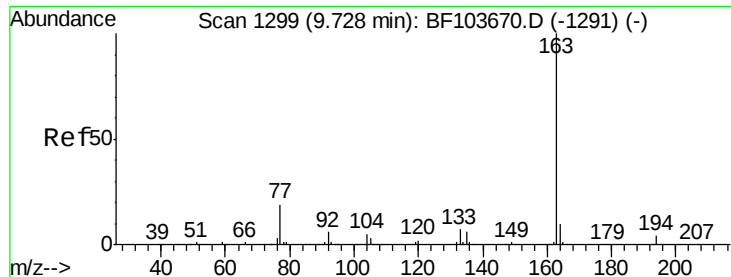
#48
Acenaphthylene
Concen: 39.171 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF103726.D
Acq: 17 Mar 2018 5:43

Tgt Ion: 152 Resp: 1187361
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 13.3 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1

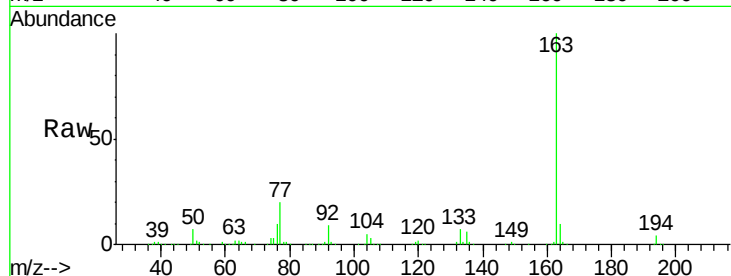




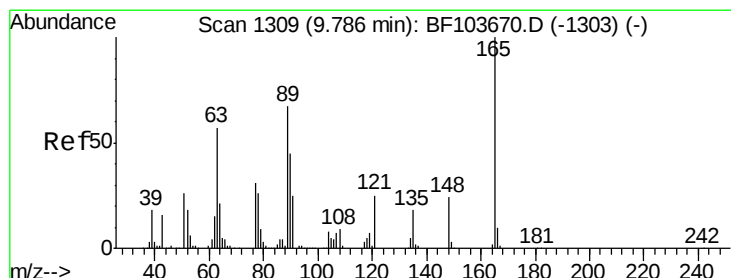
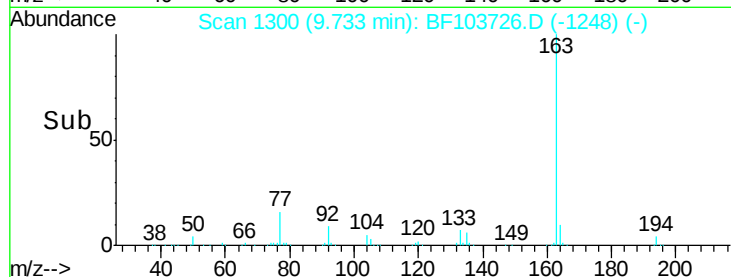
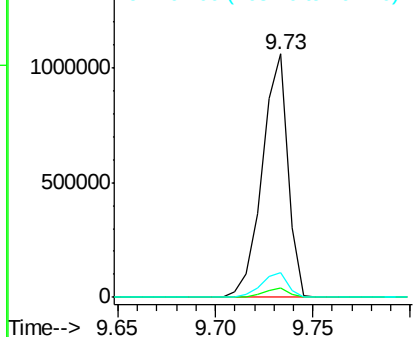
#49
Dimethylphthalate
Concen: 42.817 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF103726.D
Acq: 17 Mar 2018 5:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 964169
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.2 8.2 12.2

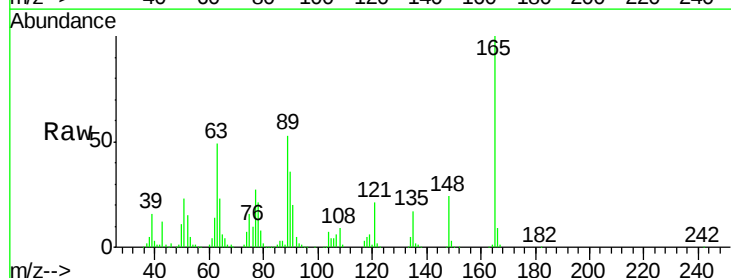


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

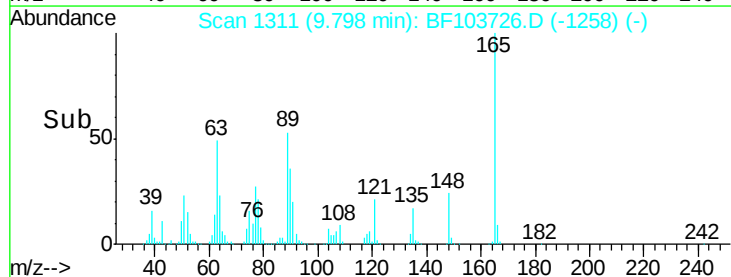
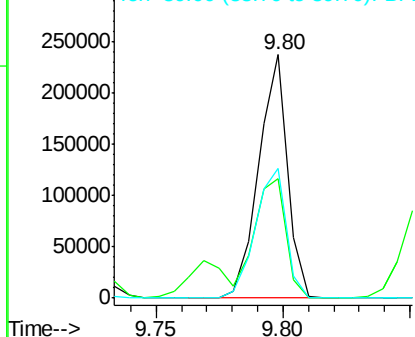


#50
2,6-Dinitrotoluene
Concen: 43.344 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF103726.D
Acq: 17 Mar 2018 5:43

Tgt Ion:165 Resp: 186972
Ion Ratio Lower Upper
165 100
63 49.3 44.7 67.1
89 53.1 44.0 66.0



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





#51

Acenaphthene

Concen: 38.582 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BF103726.D

Acq: 17 Mar 2018 5:43

Instrument :

BNA_F

ClientSampled :

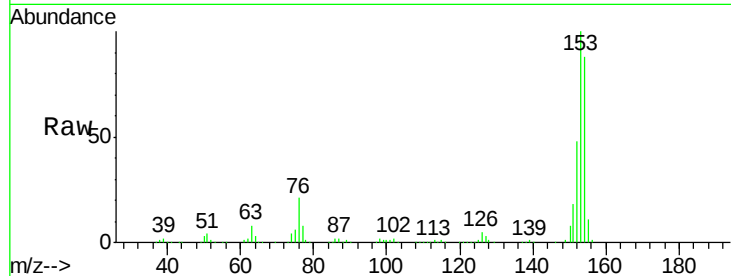
Tot Ion:154 Resp: 694412

Ion Ratio Lower Upper

154 100

153 113.1 91.2 136.8

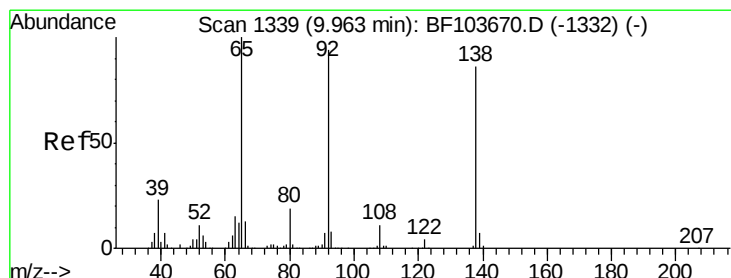
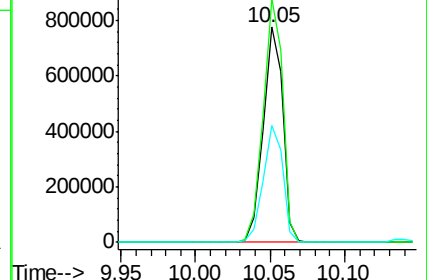
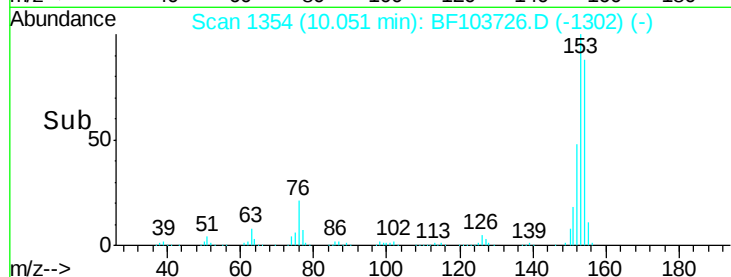
152 54.4 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 49.033 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.01 min

Lab File: BF103726.D

Acq: 17 Mar 2018 5:43

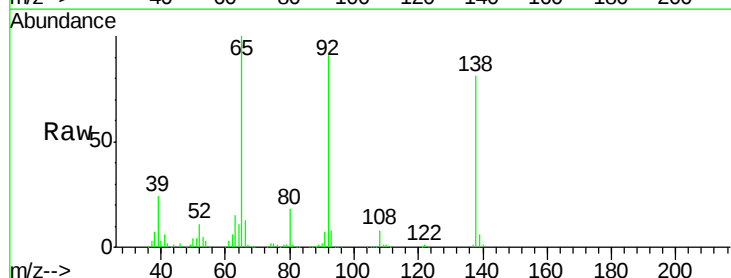
Tgt Ion:138 Resp: 256454

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

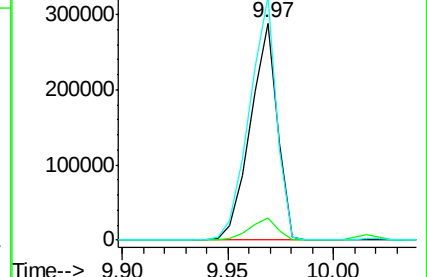
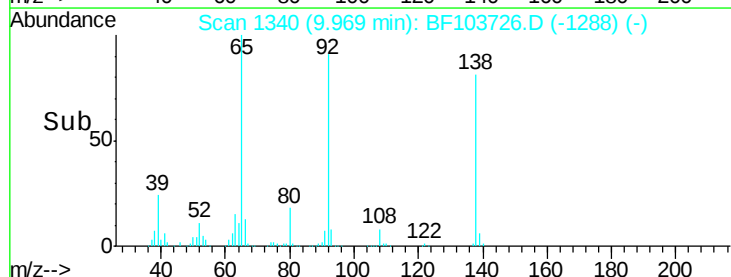
92 112.3 89.4 134.2

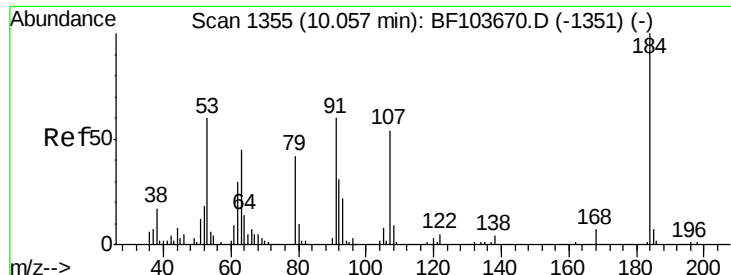


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

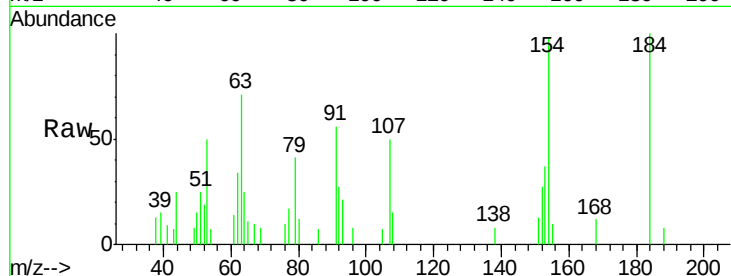




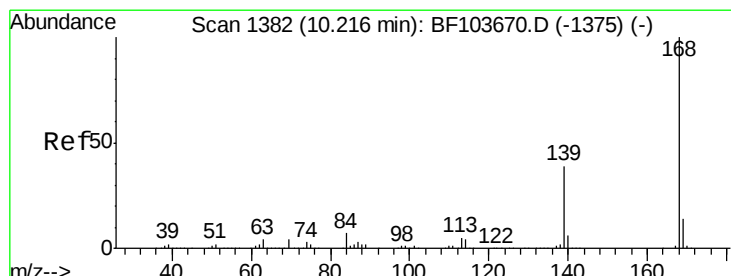
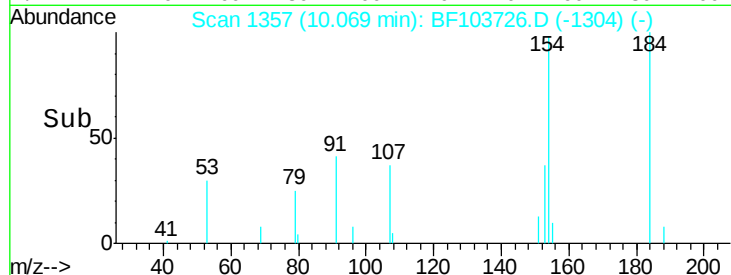
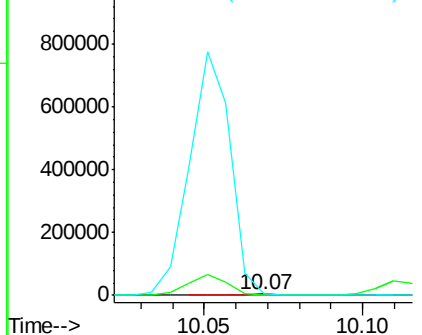
#53
2,4-Dinitrophenol
Concen: 11.881 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF103726.D
Acq: 17 Mar 2018 5:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 3396
Ion Ratio Lower Upper
184 100
63 71.0 54.2 81.2
154 98.5 184.0 276.0#

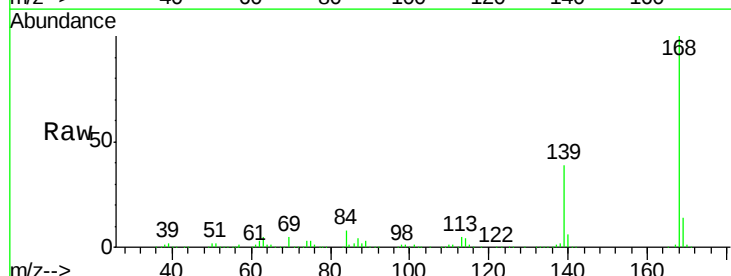


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

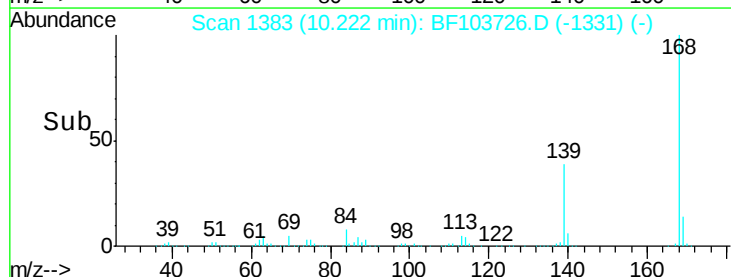
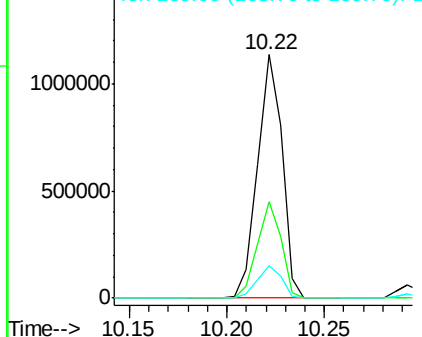


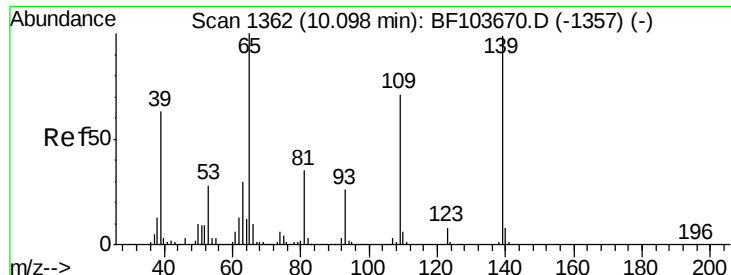
#54
Dibenzofuran
Concen: 38.526 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BF103726.D
Acq: 17 Mar 2018 5:43

Tgt Ion:168 Resp: 990352
Ion Ratio Lower Upper
168 100
139 39.4 30.1 45.1
169 13.5 10.9 16.3



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

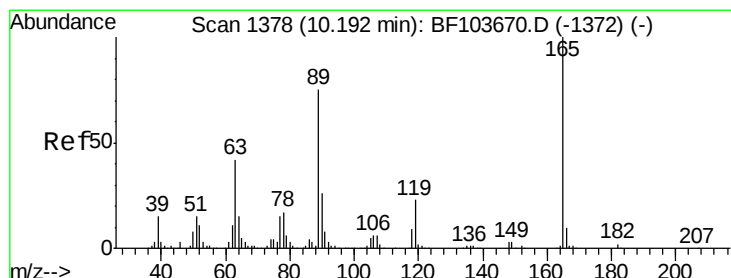
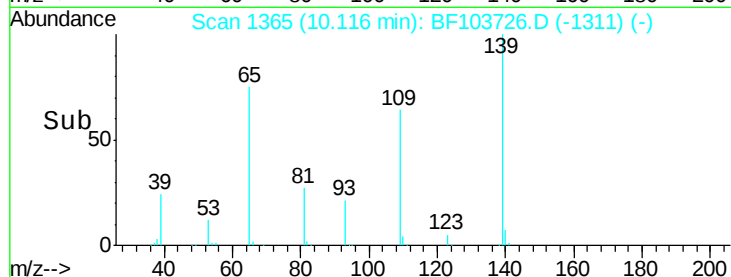
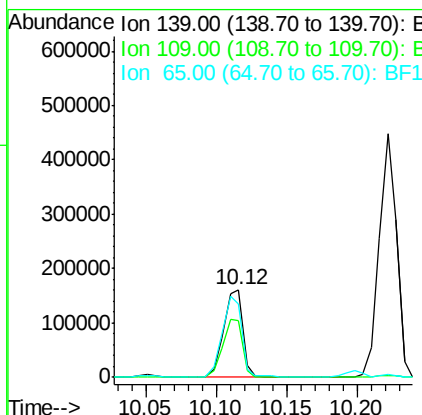
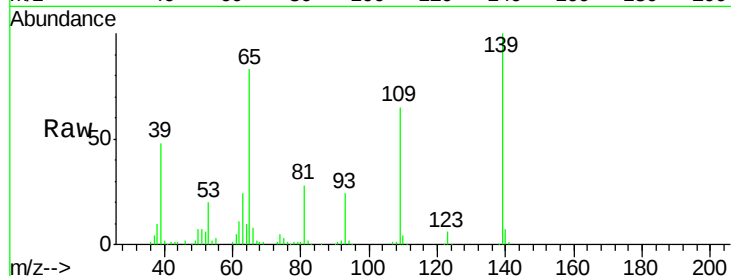




#55
4-Nitrophenol
Concen: 39.552 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.02 min
Lab File: BF103726.D
Acq: 17 Mar 2018 5:43

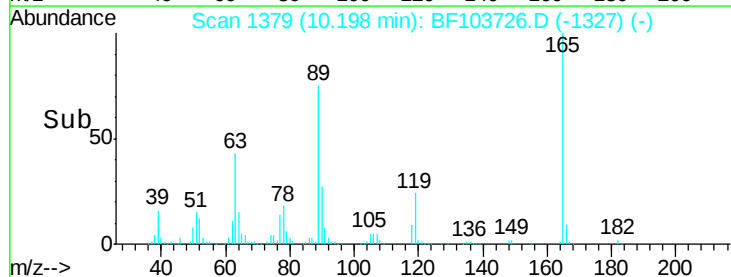
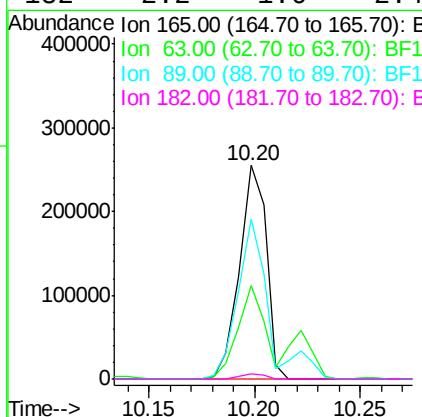
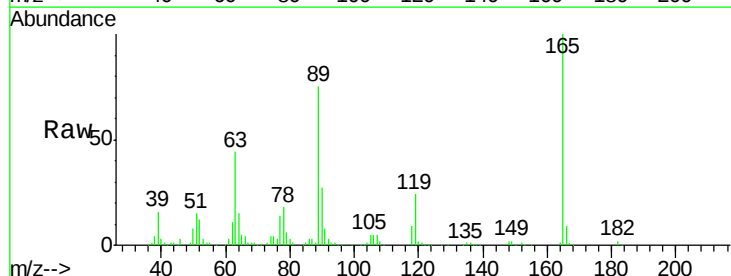
Instrument :
BNA_F
ClientSampleId :

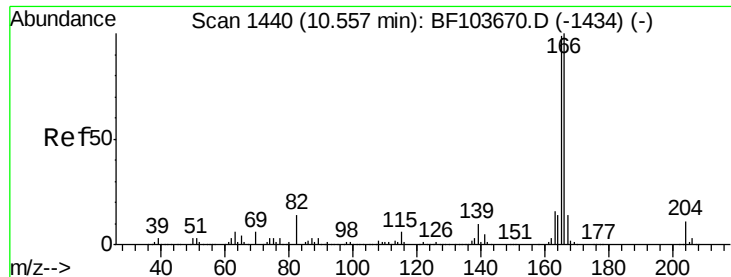
Tot Ion:139 Resp: 152014
Ion Ratio Lower Upper
139 100
109 65.1 48.4 88.4
65 83.3 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 41.637 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BF103726.D
Acq: 17 Mar 2018 5:43

Tgt Ion:165 Resp: 224560
Ion Ratio Lower Upper
165 100
63 43.9 36.4 54.6
89 75.1 57.8 86.6
182 2.2 1.6 2.4

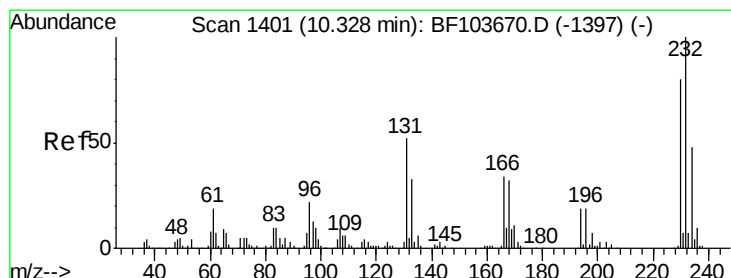
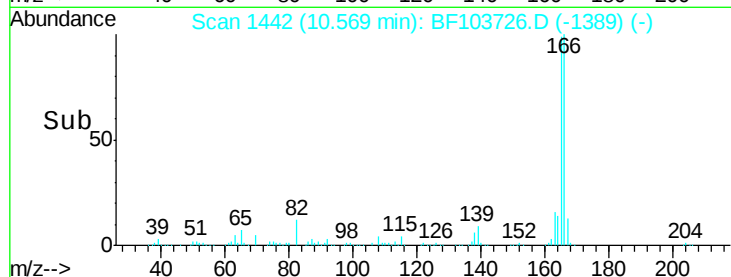
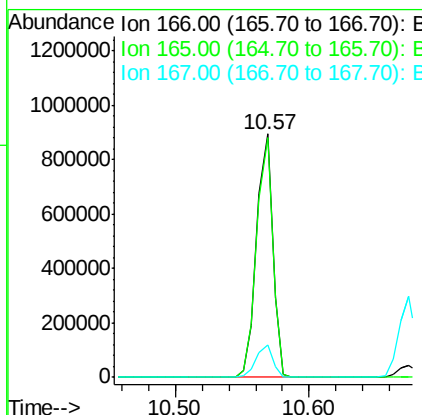
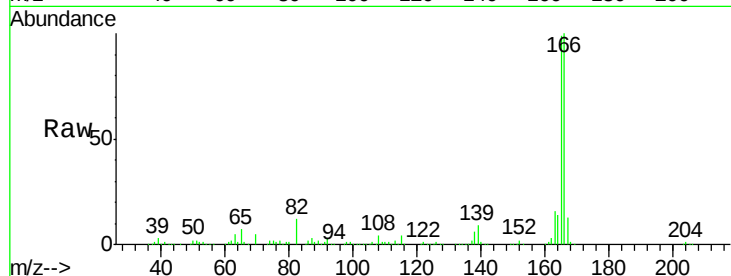




#57
 Fluorene
 Concen: 37.100 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: BF103726.D
 Acq: 17 Mar 2018 5:43

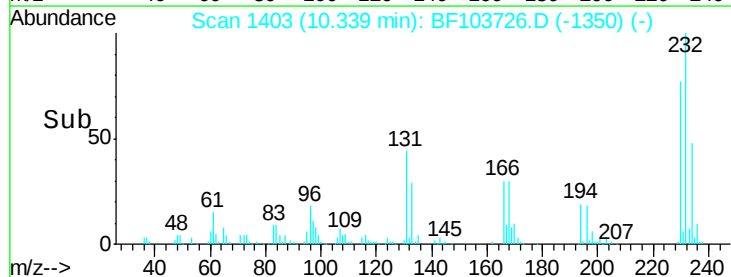
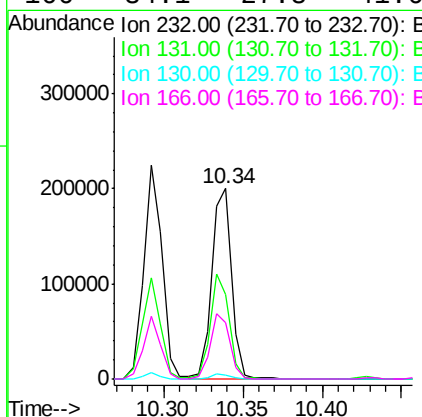
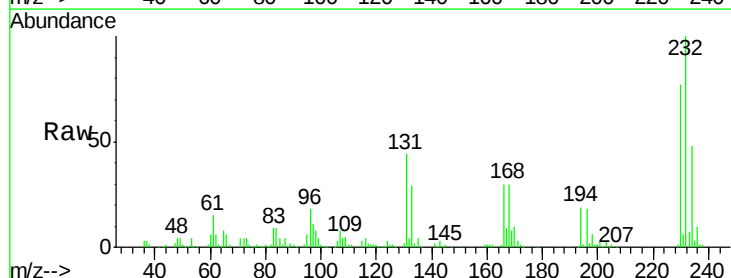
Instrument :
 BNA_F
 ClientSampled :

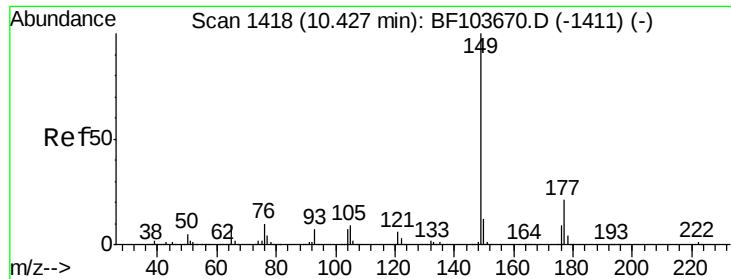
Tot Ion:166 Resp: 740044
 Ion Ratio Lower Upper
 166 100
 165 98.7 79.8 119.8
 167 13.4 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.606 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. 0.01 min
 Lab File: BF103726.D
 Acq: 17 Mar 2018 5:43

Tgt Ion:232 Resp: 174904
 Ion Ratio Lower Upper
 232 100
 131 52.7 43.8 65.8
 130 2.7 2.1 3.1
 166 34.1 27.8 41.6

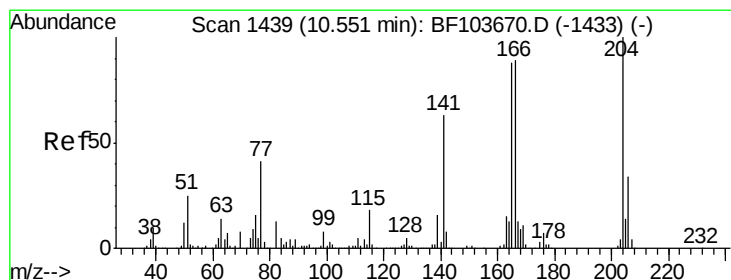
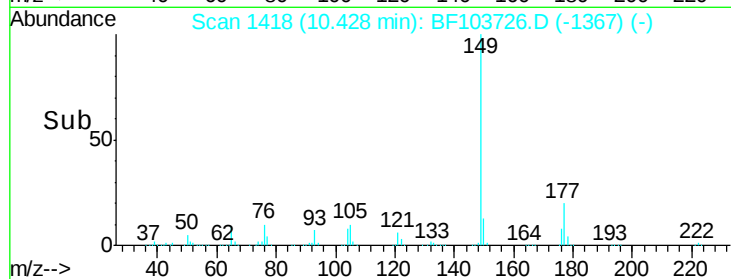
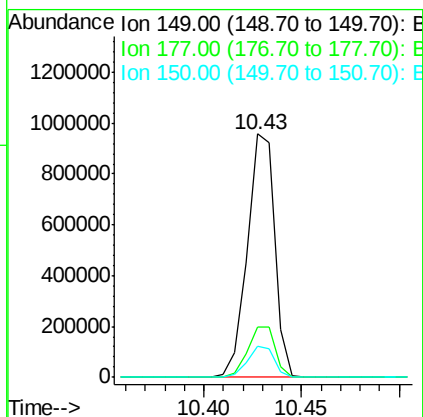
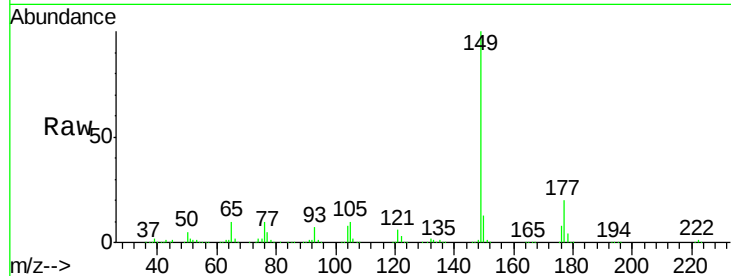




#59
Diethylphthalate
Concen: 41.614 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF103726.D
Acq: 17 Mar 2018 5:43

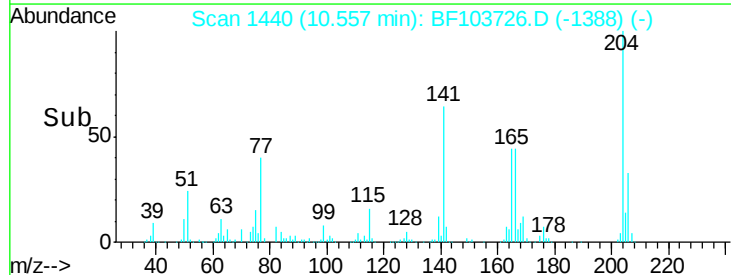
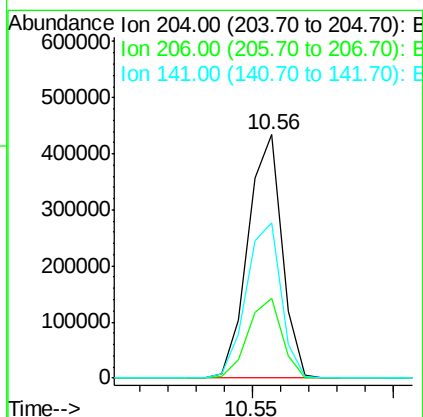
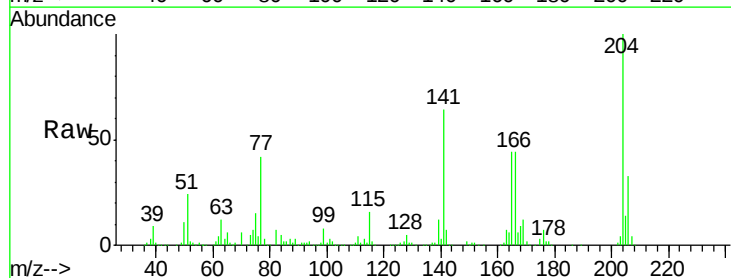
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 930079
Ion Ratio Lower Upper
149 100
177 20.5 16.1 24.1
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 39.786 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF103726.D
Acq: 17 Mar 2018 5:43

Tgt Ion:204 Resp: 362689
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 63.8 54.6 81.8

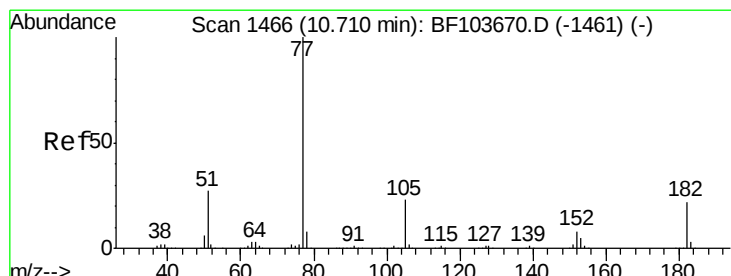
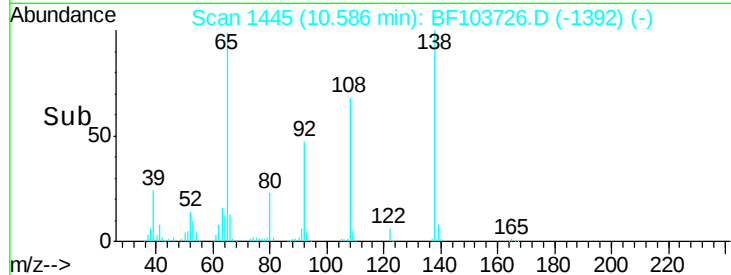
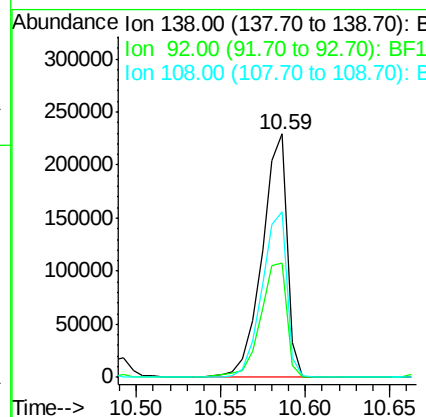
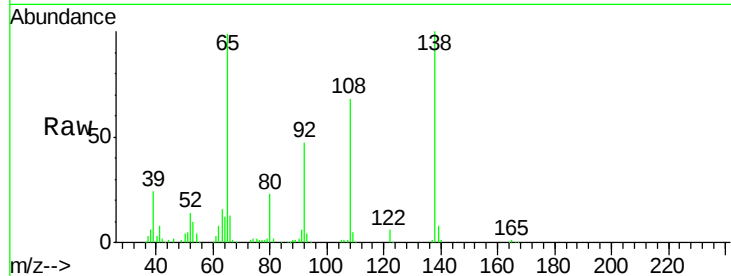




#61
 4-Nitroaniline
 Concen: 47.088 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. 0.01 min
 Lab File: BF103726.D
 Acq: 17 Mar 2018 5:43

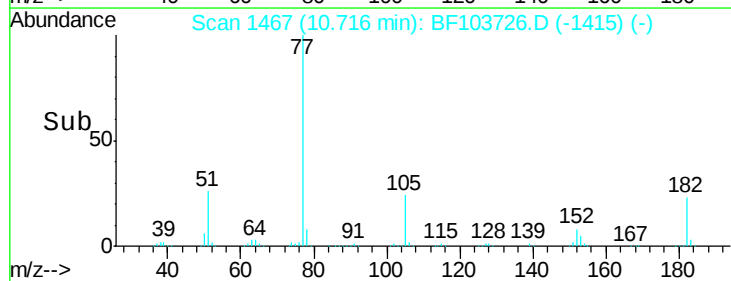
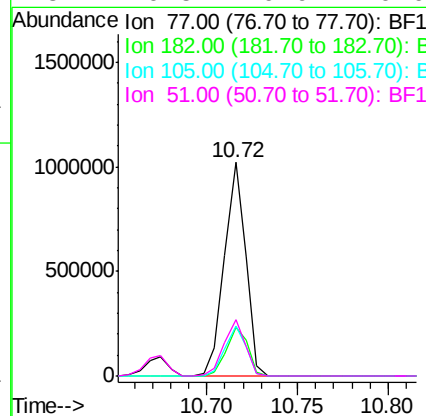
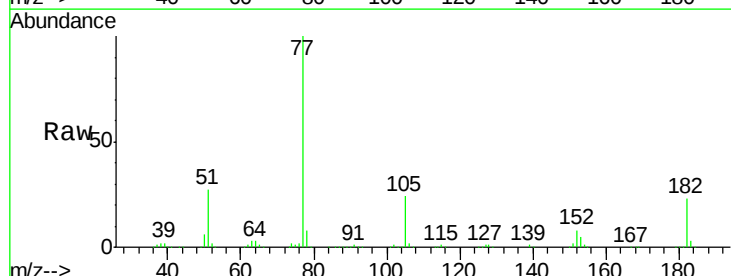
Instrument :
 BNA_F
 ClientSampleId :

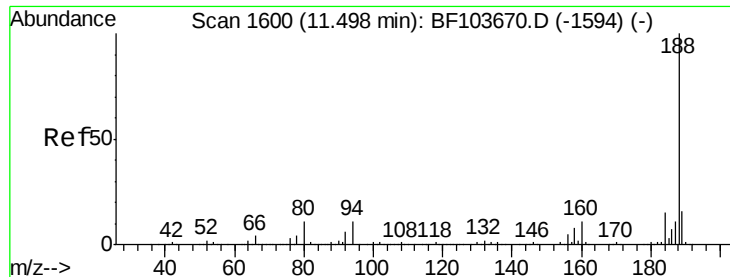
Tot Ion:138 Resp: 236208
 Ion Ratio Lower Upper
 138 100
 92 47.1 30.2 70.2
 108 68.2 52.5 92.5



#62
 Azobenzene
 Concen: 36.668 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF103726.D
 Acq: 17 Mar 2018 5:43

Tgt Ion: 77 Resp: 833204
 Ion Ratio Lower Upper
 77 100
 182 22.9 1.7 41.7
 105 23.7 3.0 43.0
 51 26.5 9.9 49.9

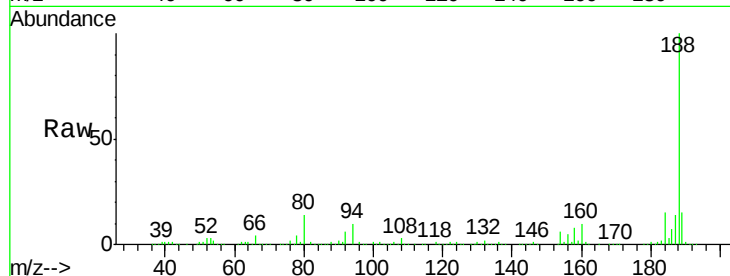




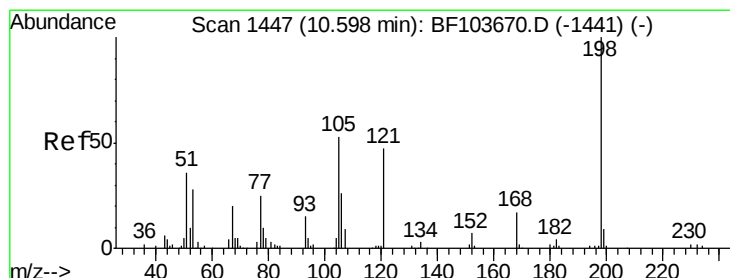
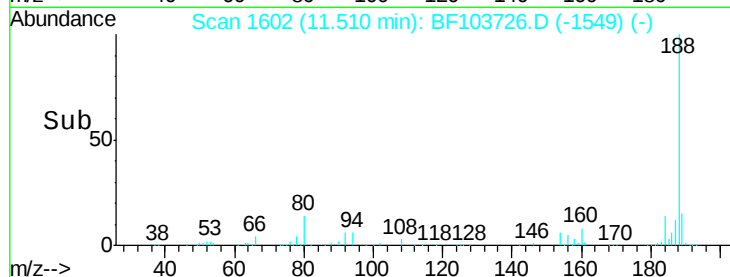
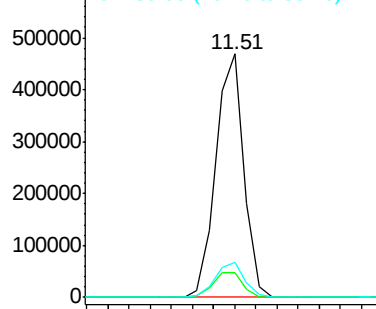
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. 0.01 min
 Lab File: BF103726.D
 Acq: 17 Mar 2018 5:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 428845
 Ion Ratio Lower Upper
 188 100
 94 10.1 8.5 12.7
 80 14.3 9.2 13.8#

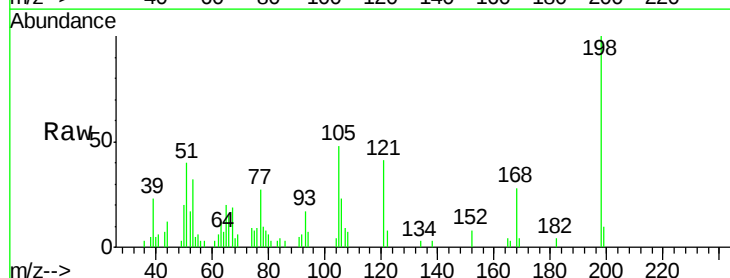


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

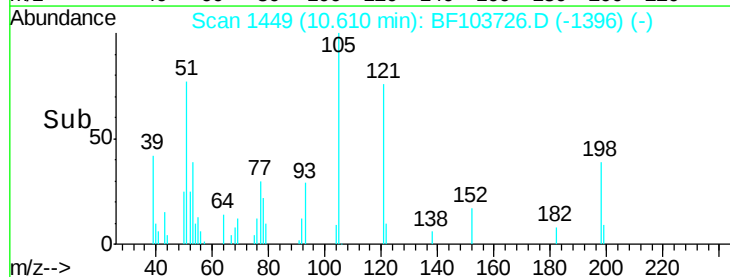
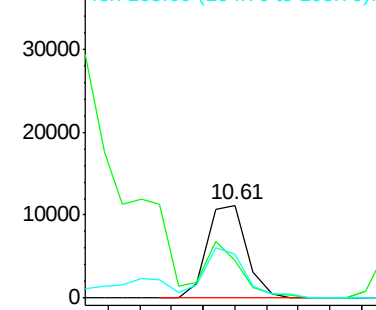


#64
 4,6-Dinitro-2-methylphenol
 Concen: 14.528 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. 0.01 min
 Lab File: BF103726.D
 Acq: 17 Mar 2018 5:43

Tgt Ion:198 Resp: 9600
 Ion Ratio Lower Upper
 198 100
 51 39.7 37.7 77.7
 105 47.7 36.3 76.3



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





#65

n-Nitrosodiphenylamine

Concen: 47.148 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.01 min

Lab File: BF103726.D

Acq: 17 Mar 2018 5:43

Instrument :

BNA_F

ClientSampleId :

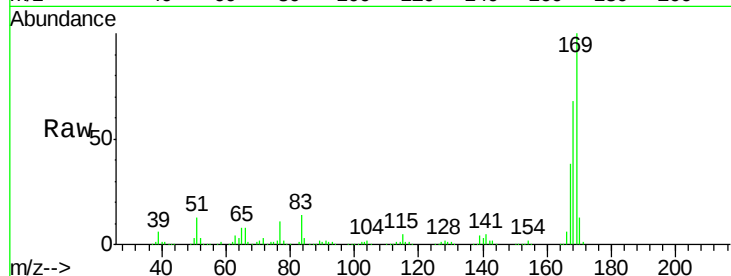
Tot Ion:169 Resp: 688219

Ion Ratio Lower Upper

169 100

168 68.2 54.4 81.6

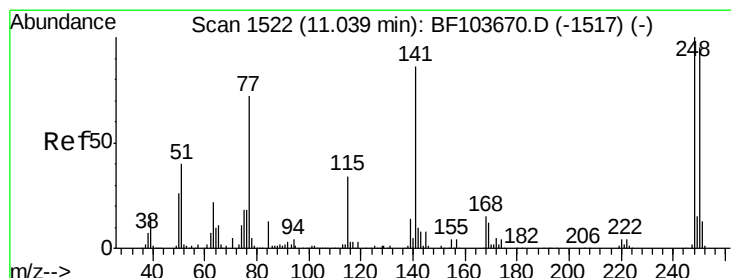
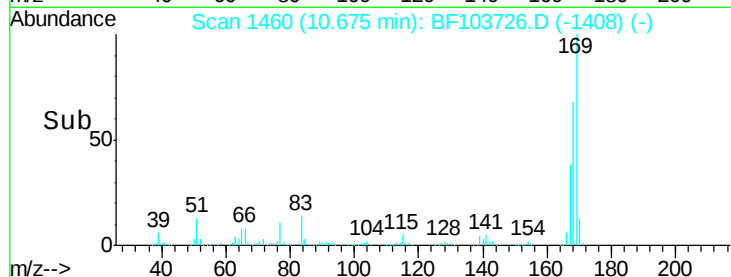
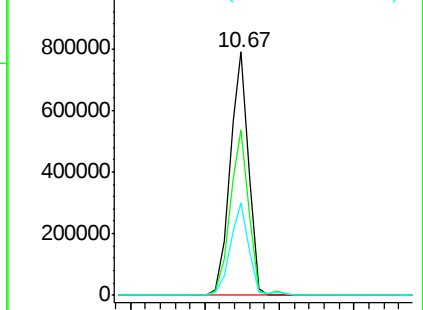
167 37.8 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 47.956 ng

RT: 11.05 min Scan# 1523

Delta R.T. 0.01 min

Lab File: BF103726.D

Acq: 17 Mar 2018 5:43

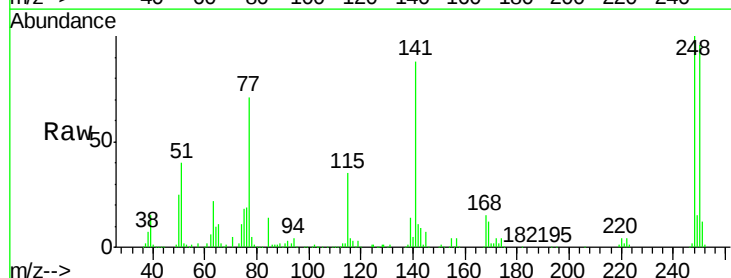
Tgt Ion:248 Resp: 211157

Ion Ratio Lower Upper

248 100

250 95.8 76.9 115.3

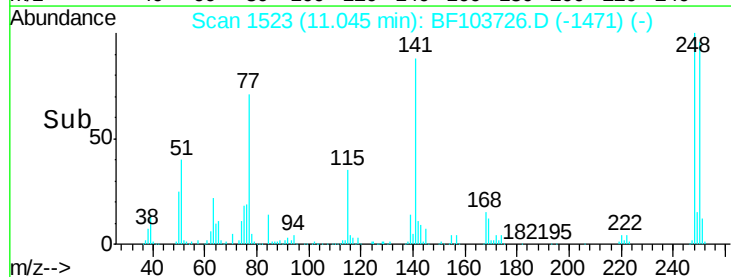
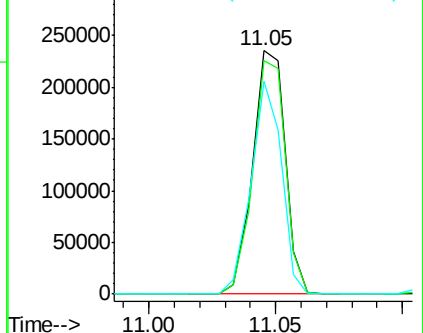
141 87.7 74.4 111.6



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

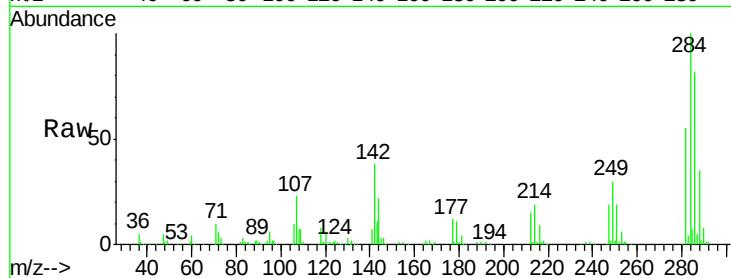




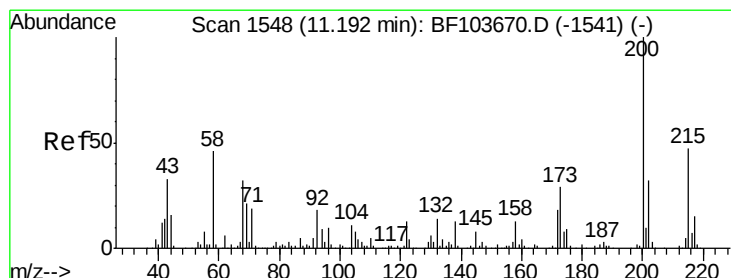
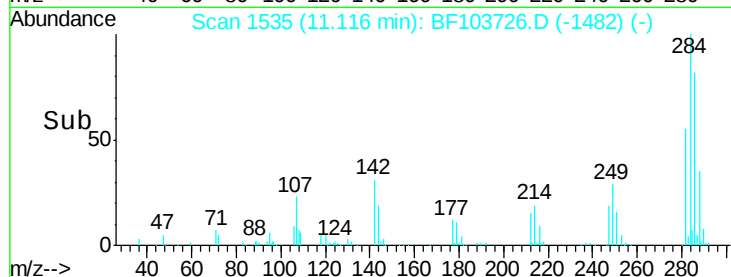
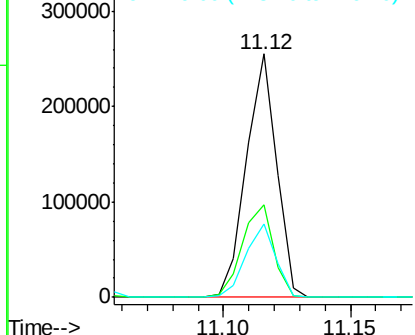
#67
Hexachlorobenzene
Concen: 42.212 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.01 min
Lab File: BF103726.D
Acq: 17 Mar 2018 5:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 212133
Ion Ratio Lower Upper
284 100
142 38.0 34.6 52.0
249 30.4 24.8 37.2

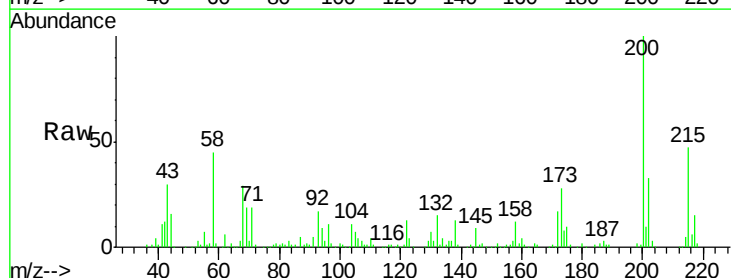


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

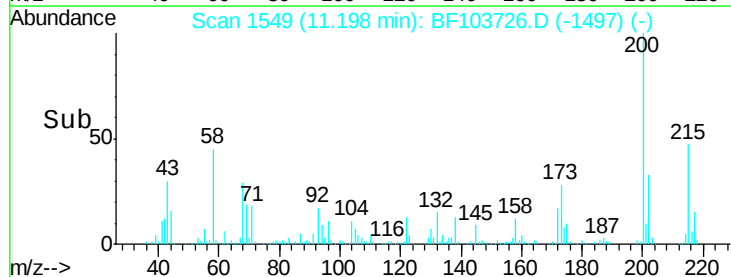
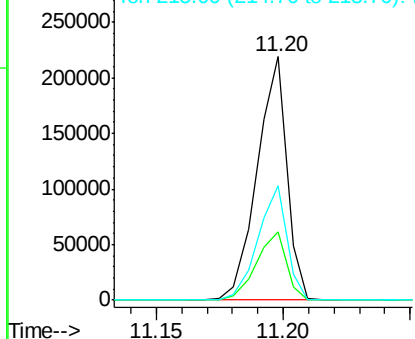


#68
Atrazine
Concen: 39.727 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF103726.D
Acq: 17 Mar 2018 5:43

Tgt Ion:200 Resp: 179388
Ion Ratio Lower Upper
200 100
173 28.0 8.6 48.6
215 47.0 25.1 65.1



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





#69

Pentachlorophenol

Concen: 40.920 ng

RT: 11.30 min Scan# 1567

Delta R.T. 0.01 min

Lab File: BF103726.D

Acq: 17 Mar 2018 5:43

Instrument :

BNA_F

ClientSampleId :

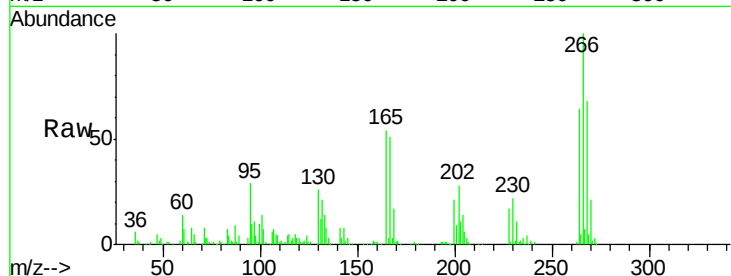
Tot Ion:266 Resp: 118227

Ion Ratio Lower Upper

266 100

268 67.9 51.1 76.7

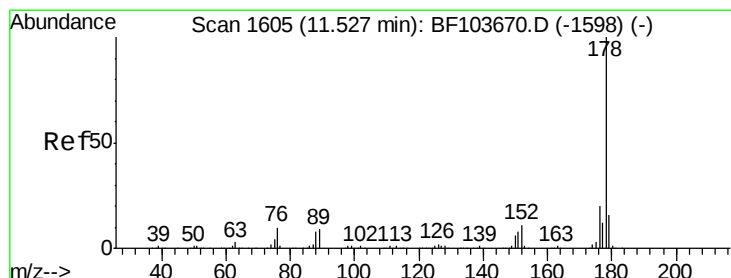
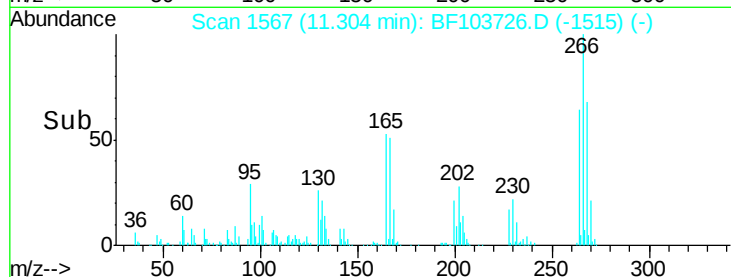
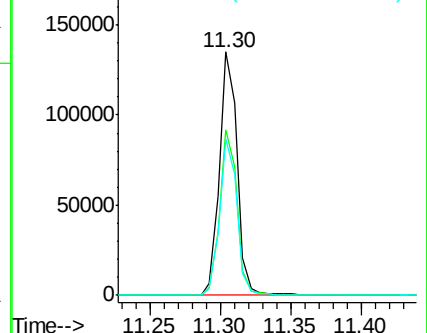
264 64.4 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 40.033 ng

RT: 11.53 min Scan# 1606

Delta R.T. 0.01 min

Lab File: BF103726.D

Acq: 17 Mar 2018 5:43

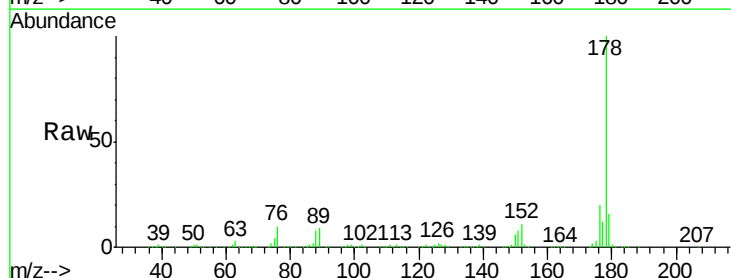
Tgt Ion:178 Resp: 939123

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

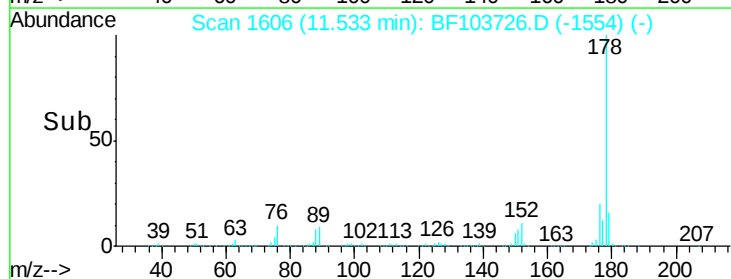
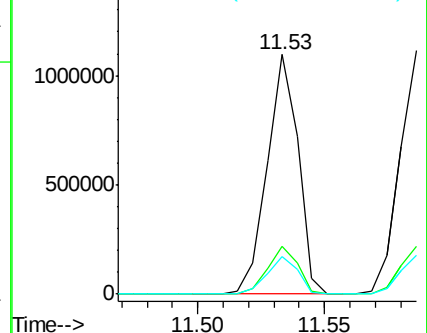
179 15.7 13.0 19.6

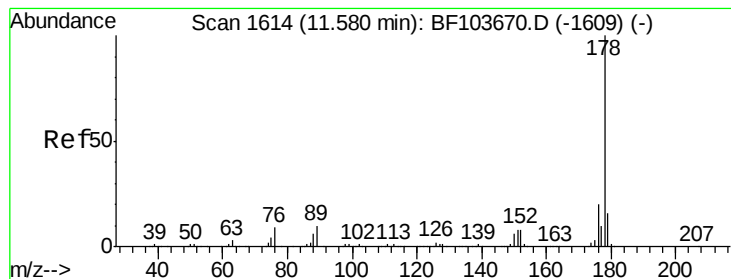


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 39.510 ng

RT: 11.59 min Scan# 1615

Delta R.T. 0.01 min

Lab File: BF103726.D

Acq: 17 Mar 2018 5:43

Instrument :

BNA_F

ClientSampleId :

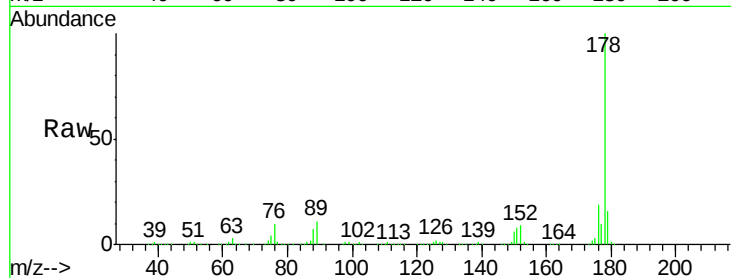
Tot Ion:178 Resp: 941374

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

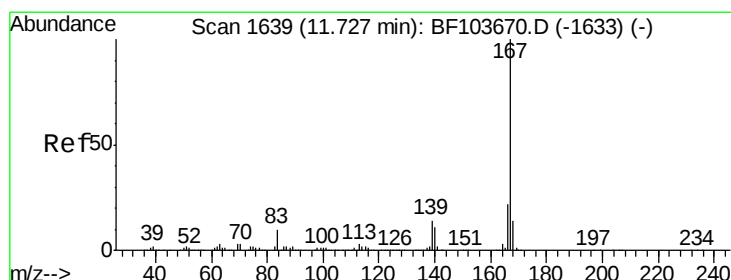
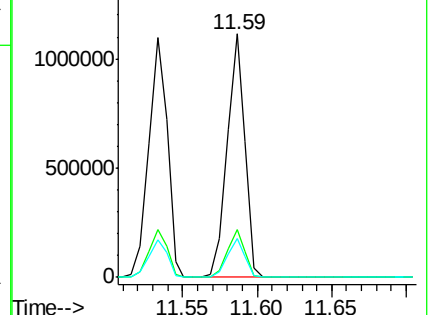
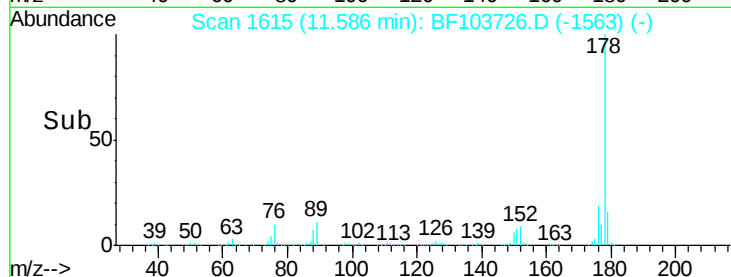
179 16.0 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.036 ng

RT: 11.74 min Scan# 1641

Delta R.T. 0.01 min

Lab File: BF103726.D

Acq: 17 Mar 2018 5:43

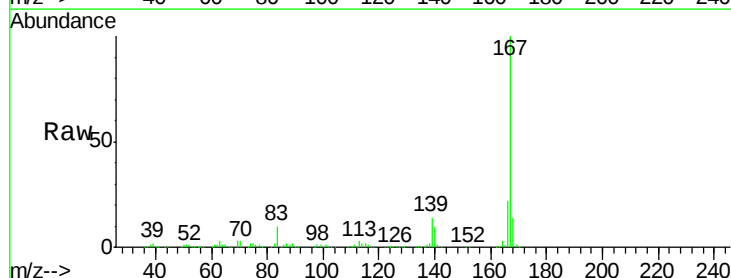
Tgt Ion:167 Resp: 903987

Ion Ratio Lower Upper

167 100

166 22.0 17.6 26.4

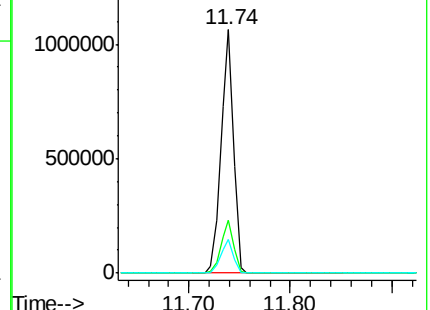
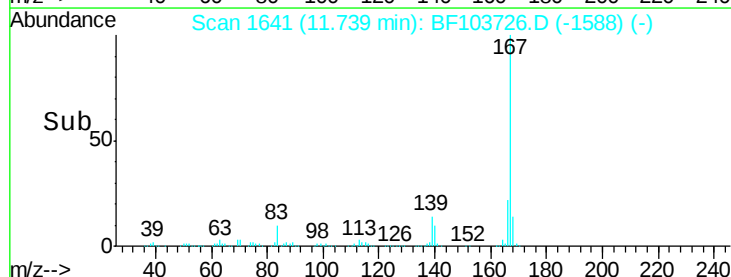
139 13.7 10.9 16.3

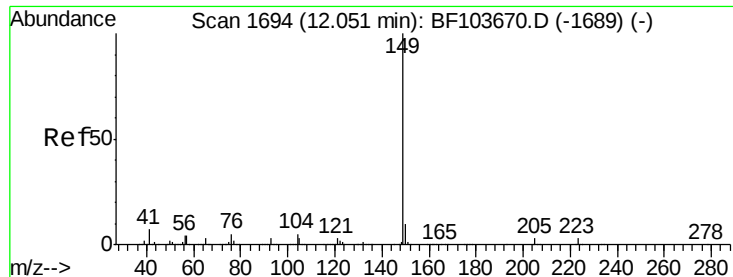


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.936 ng

RT: 12.06 min Scan# 1696

Delta R.T. 0.01 min

Lab File: BF103726.D

Acq: 17 Mar 2018 5:43

Instrument :

BNA_F

ClientSampleId :

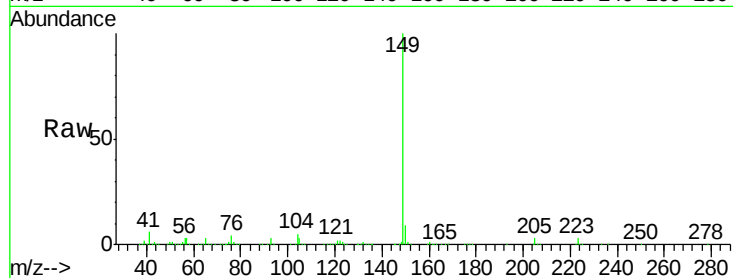
Tot Ion:149 Resp: 1276427

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

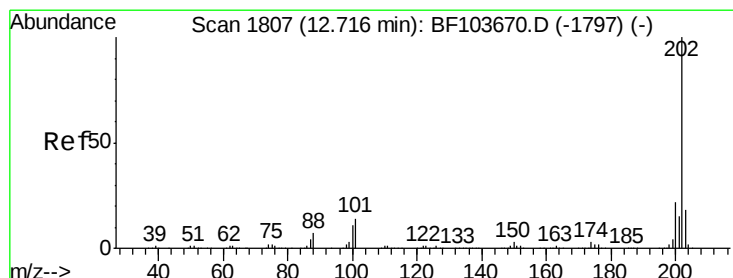
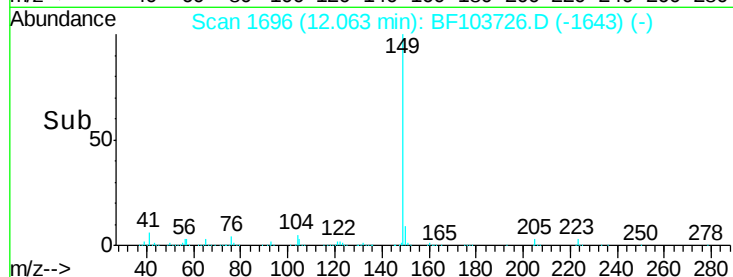
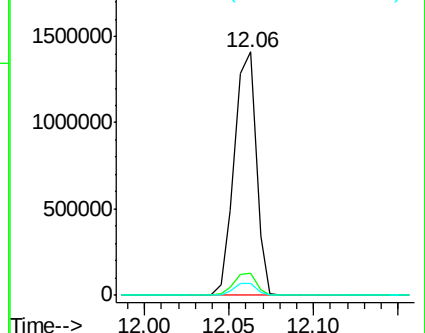
104 4.8 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.002 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BF103726.D

Acq: 17 Mar 2018 5:43

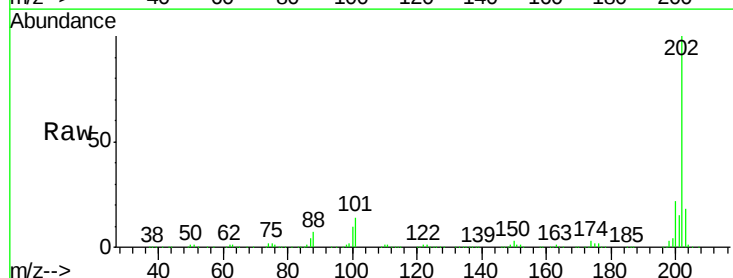
Tgt Ion:202 Resp: 845923

Ion Ratio Lower Upper

202 100

101 13.6 0.0 34.1

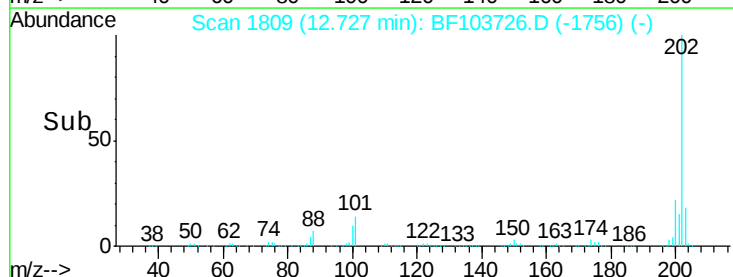
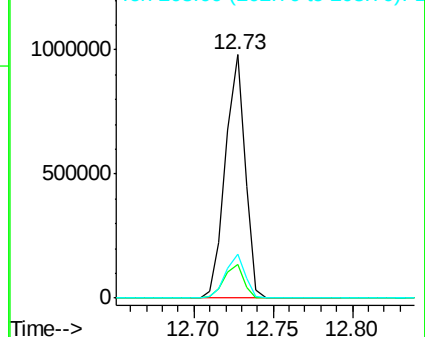
203 17.8 0.0 38.1

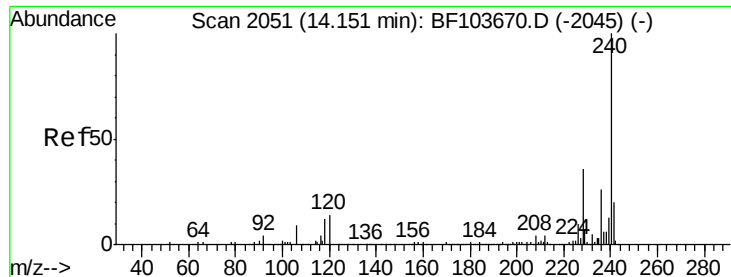


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2054

Delta R.T. 0.02 min

Lab File: BF103726.D

Acq: 17 Mar 2018 5:43

Instrument :

BNA_F

ClientSampleId :

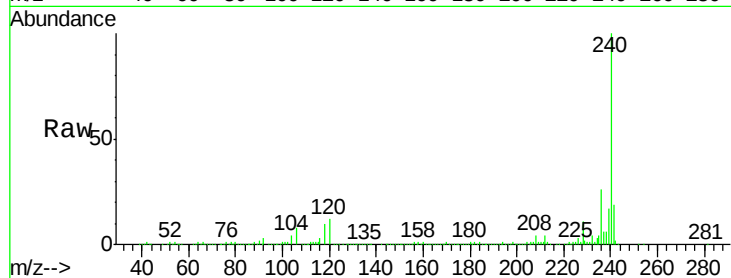
Tot Ion:240 Resp: 317261

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

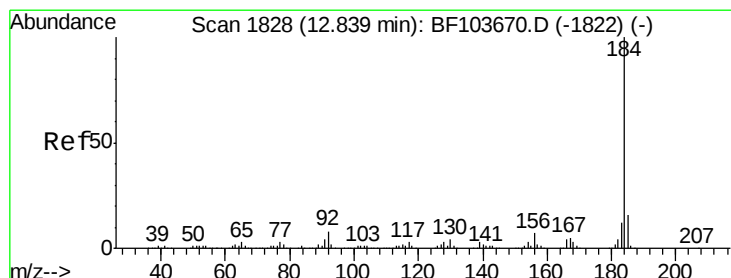
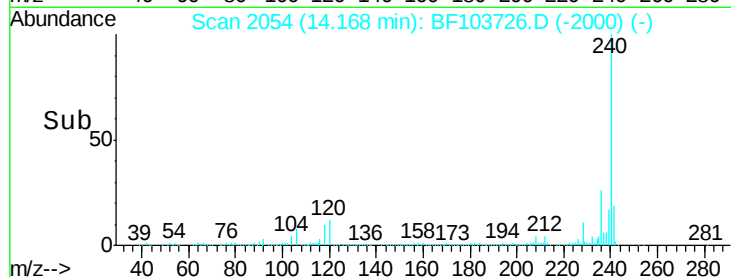
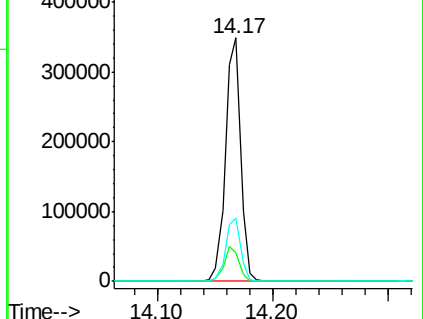
236 25.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 42.109 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BF103726.D

Acq: 17 Mar 2018 5:43

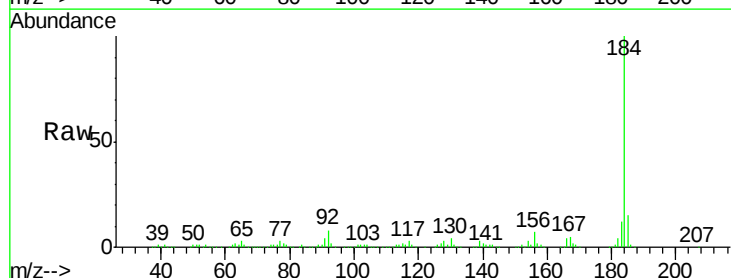
Tgt Ion:184 Resp: 569790

Ion Ratio Lower Upper

184 100

185 15.1 12.6 18.8

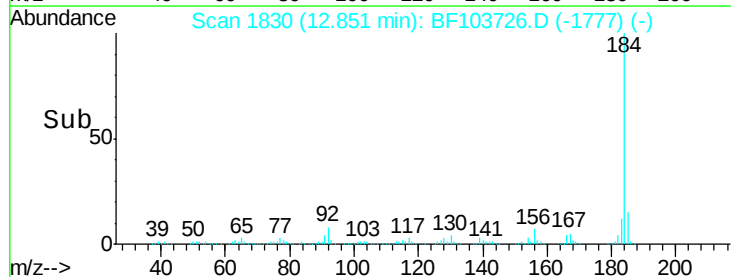
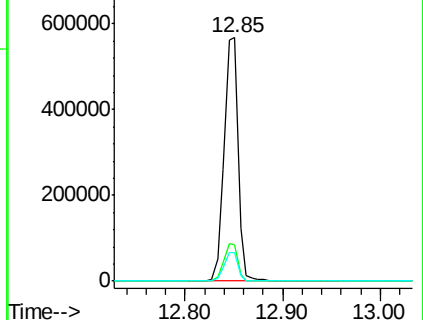
183 12.0 9.3 13.9

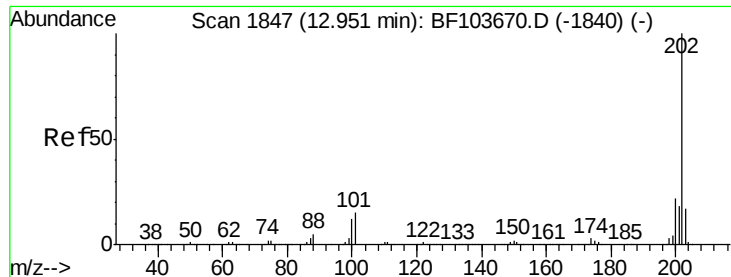


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

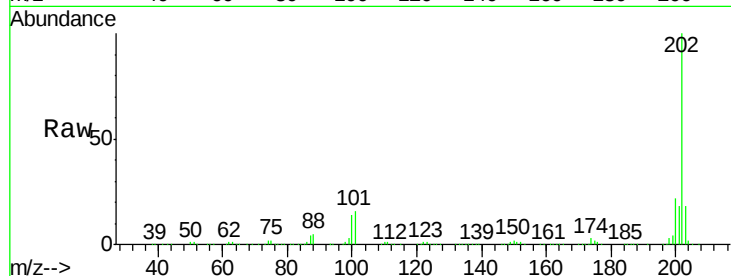




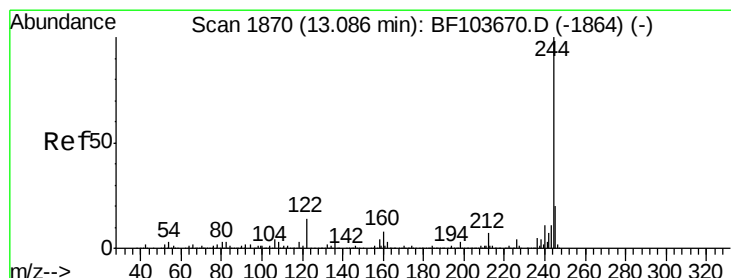
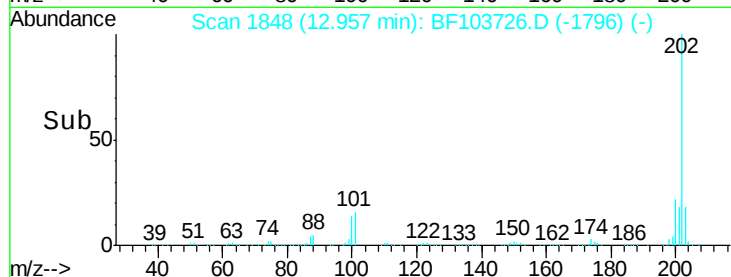
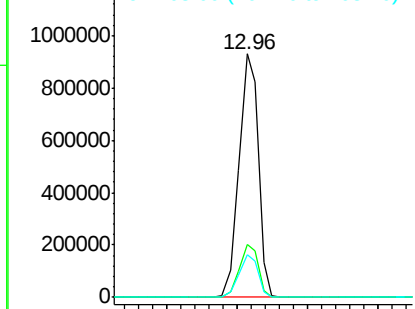
#77
Pvrene
Concen: 37.788 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.01 min
Lab File: BF103726.D
Acq: 17 Mar 2018 5:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 880447
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.6 14.3 21.5

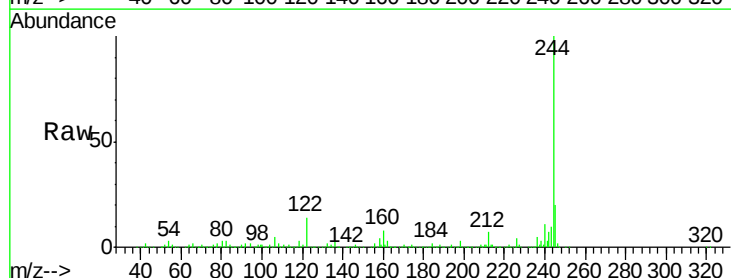


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

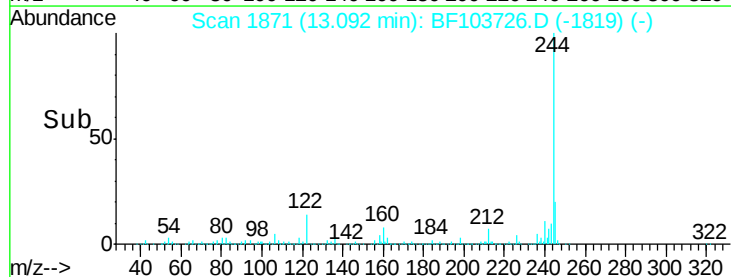
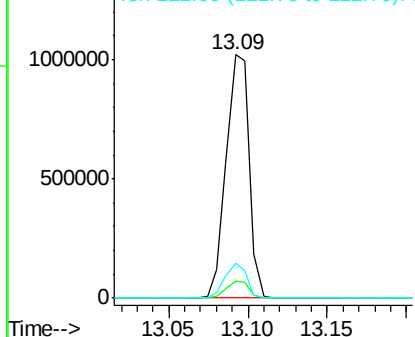


#78
Terphenyl-d14
Concen: 75.195 ng
RT: 13.09 min Scan# 1871
Delta R.T. 0.01 min
Lab File: BF103726.D
Acq: 17 Mar 2018 5:43

Tgt Ion:244 Resp: 1027790
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.0
122 14.3 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

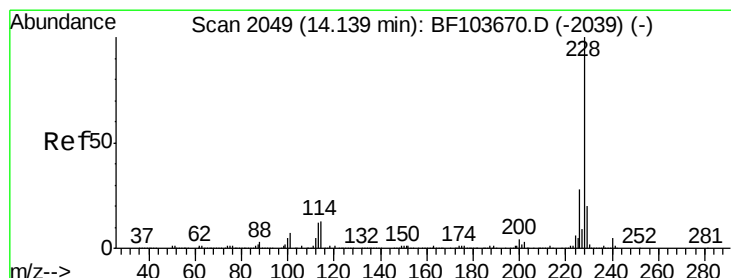
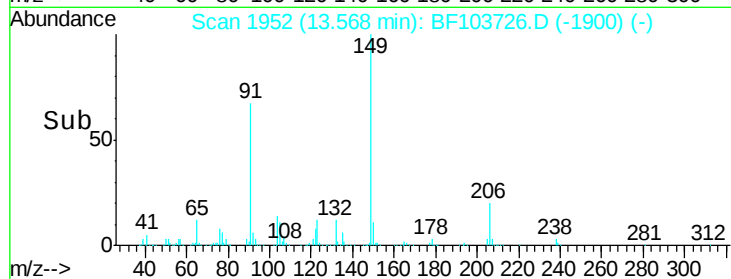
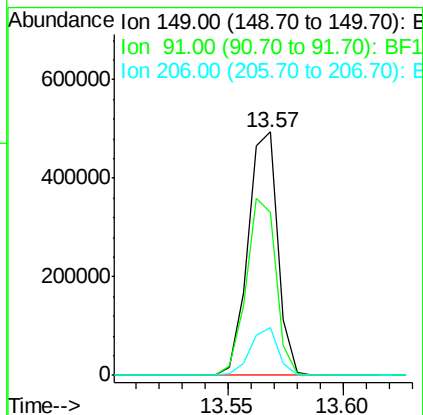
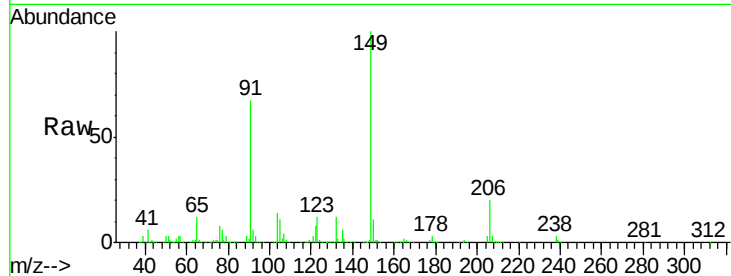




#79
Butylbenzylphthalate
Concen: 43.165 ng
RT: 13.57 min Scan# 1952
Delta R.T. 0.01 min
Lab File: BF103726.D
Acq: 17 Mar 2018 5:43

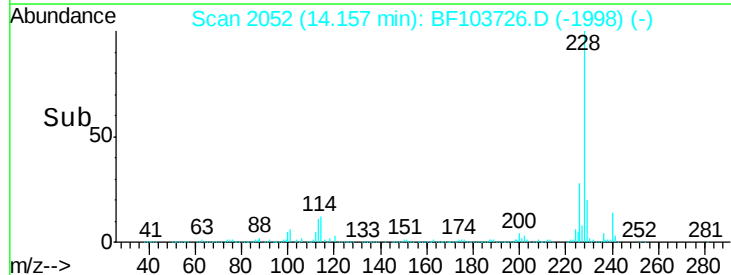
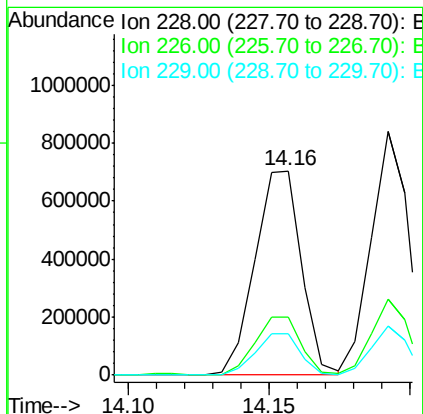
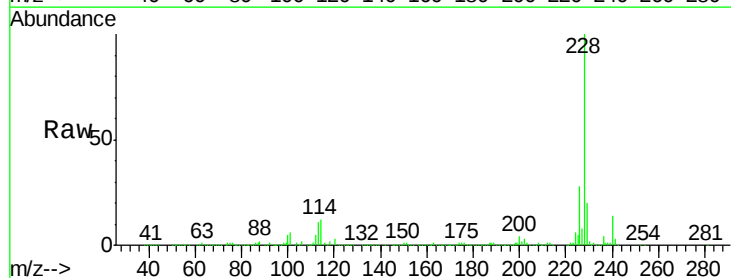
Instrument :
BNA_F
ClientSampleId :

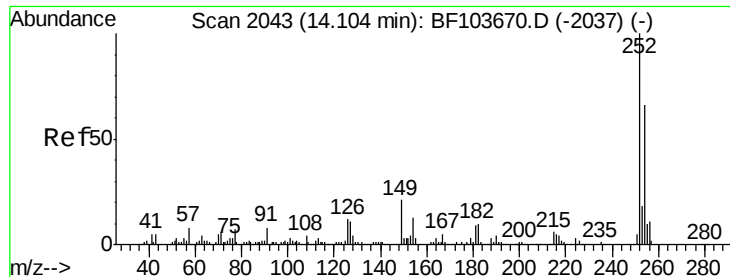
Tot Ion:149 Resp: 445588
Ion Ratio Lower Upper
149 100
91 66.7 56.8 85.2
206 19.9 14.1 21.1



#80
Benzo(a)anthracene
Concen: 39.908 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.02 min
Lab File: BF103726.D
Acq: 17 Mar 2018 5:43

Tgt Ion:228 Resp: 801445
Ion Ratio Lower Upper
228 100
226 28.1 22.6 33.8
229 20.2 15.8 23.6

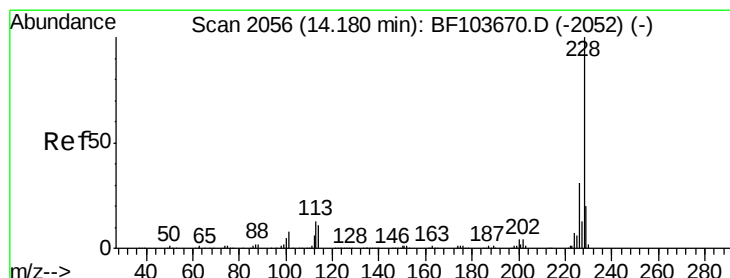
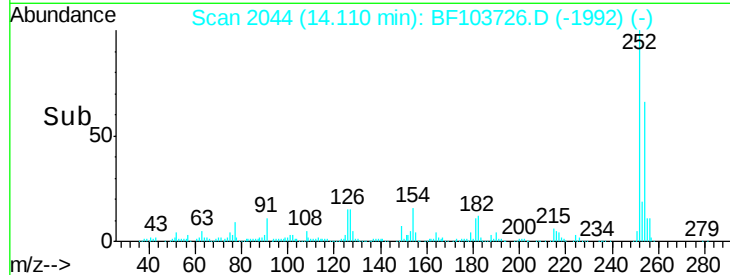
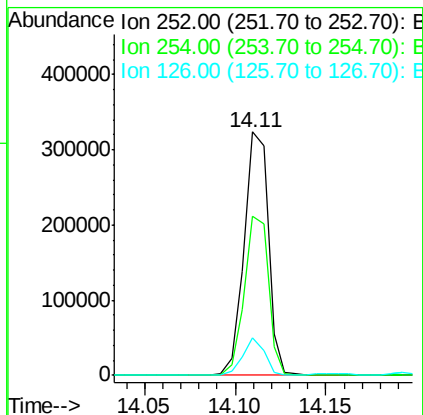
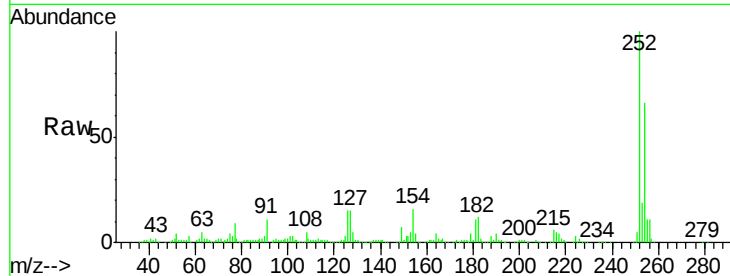




#81
 3,3'-Dichlorobenzidine
 Concen: 45.056 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. 0.01 min
 Lab File: BF103726.D
 Acq: 17 Mar 2018 5:43

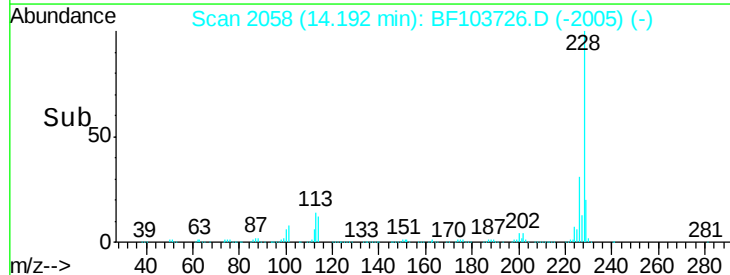
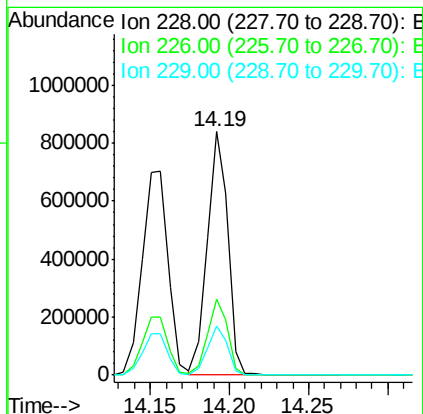
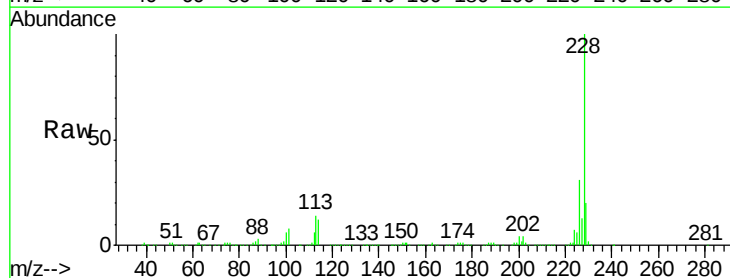
Instrument :
 BNA_F
 ClientSampleId :

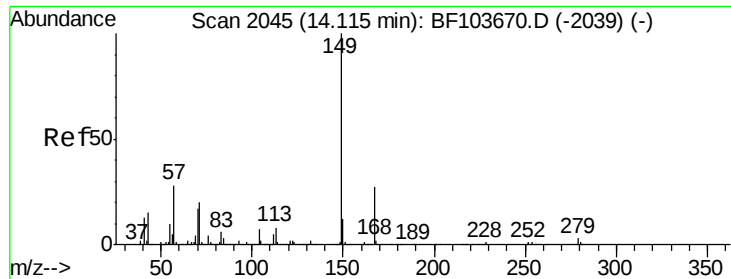
Tot Ion:252 Resp: 302666
 Ion Ratio Lower Upper
 252 100
 254 65.6 50.4 75.6
 126 15.2 11.3 16.9



#82
 Chrysene
 Concen: 39.758 ng
 RT: 14.19 min Scan# 2058
 Delta R.T. 0.01 min
 Lab File: BF103726.D
 Acq: 17 Mar 2018 5:43

Tgt Ion:228 Resp: 761126
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.0 37.6
 229 20.0 16.2 24.4

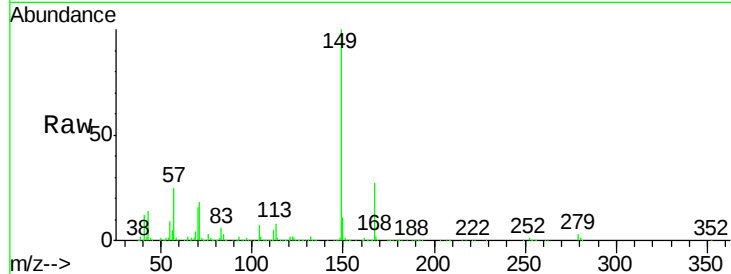




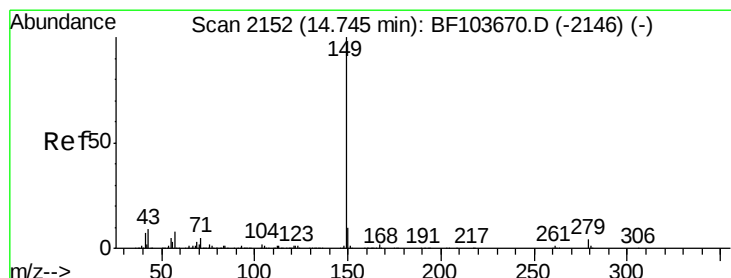
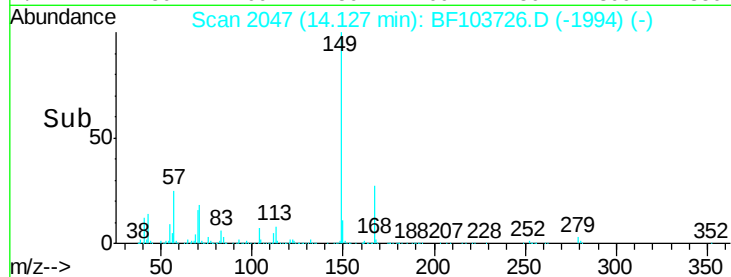
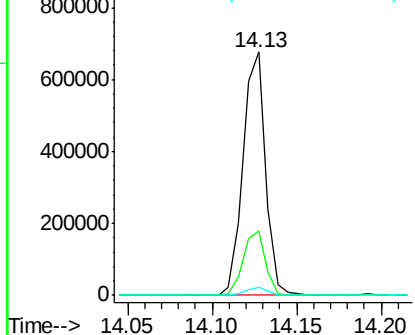
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.722 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. 0.01 min
 Lab File: BF103726.D
 Acq: 17 Mar 2018 5:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 630029
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.3 31.9
 279 3.4 3.0 4.4

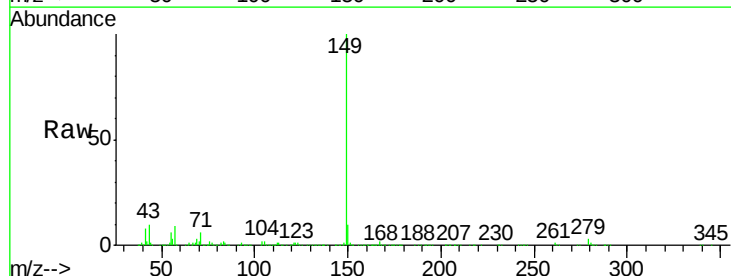


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

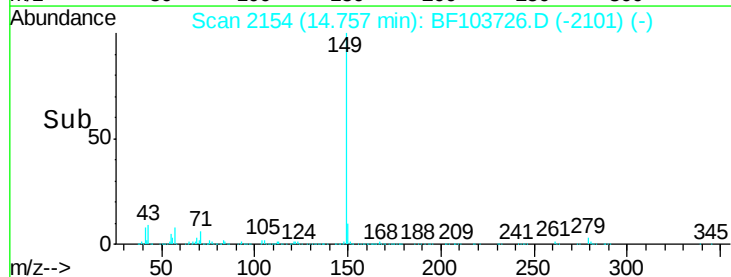
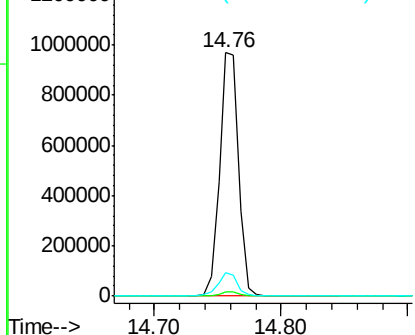


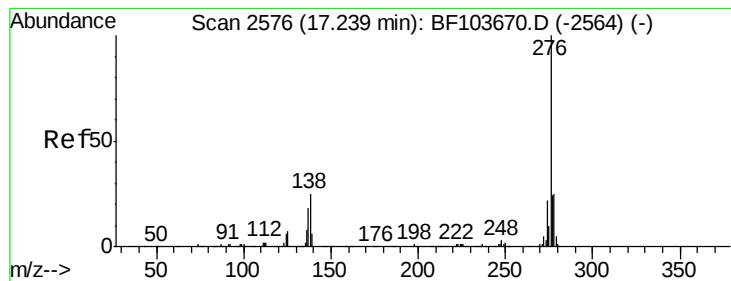
#84
 Di-n-octyl phthalate
 Concen: 46.835 ng
 RT: 14.76 min Scan# 2154
 Delta R.T. 0.01 min
 Lab File: BF103726.D
 Acq: 17 Mar 2018 5:43

Tgt Ion:149 Resp: 1004816
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.5 8.4 12.6



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





#85

Indeno(1,2,3-cd)pyrene

Concen: 36.903 ng

RT: 17.29 min Scan# 2584

Delta R.T. 0.05 min

Lab File: BF103726.D

Acq: 17 Mar 2018 5:43

Instrument :

BNA_F

ClientSampleId :

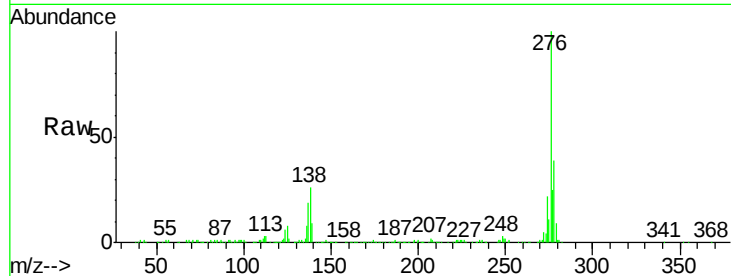
Tot Ion:276 Resp: 616948

Ion Ratio Lower Upper

276 100

138 29.2 25.0 37.6

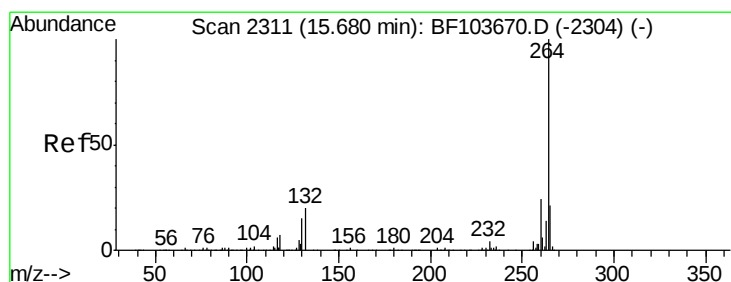
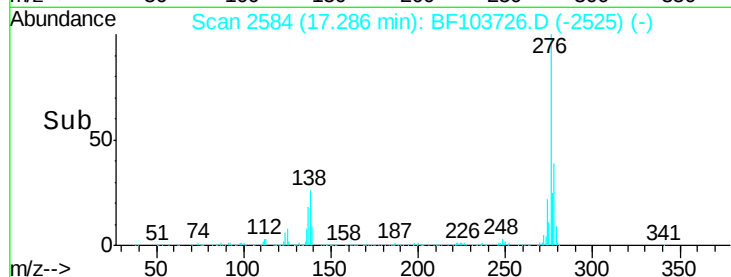
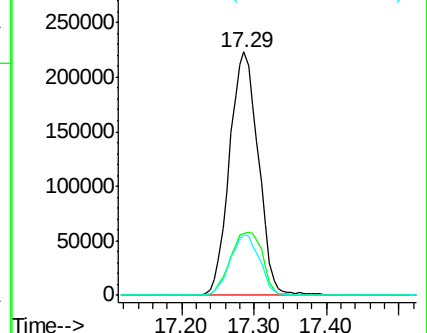
277 25.6 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.71 min Scan# 2316

Delta R.T. 0.03 min

Lab File: BF103726.D

Acq: 17 Mar 2018 5:43

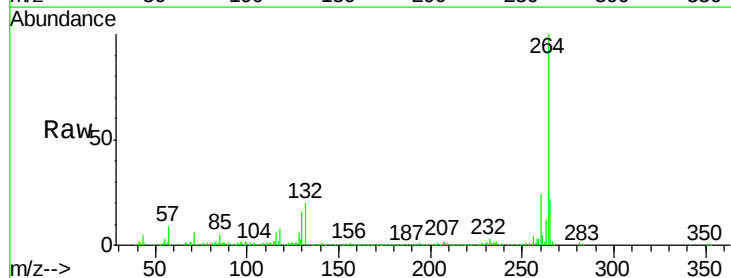
Tgt Ion:264 Resp: 277505

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

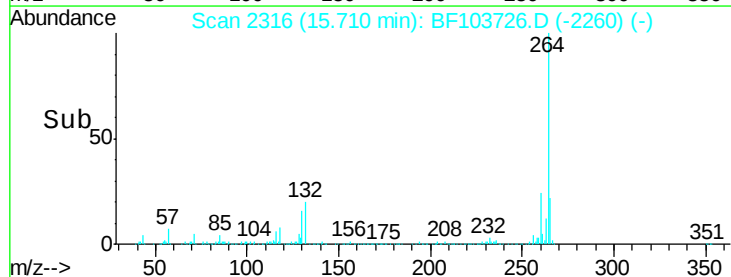
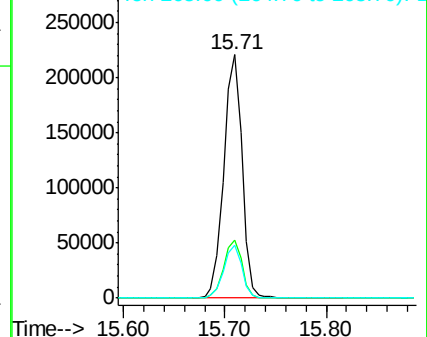
265 21.6 17.5 26.3

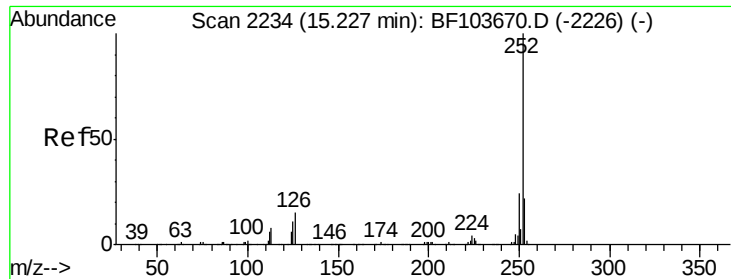


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 42.997 ng

RT: 15.25 min Scan# 2238

Delta R.T. 0.02 min

Lab File: BF103726.D

Acq: 17 Mar 2018 5:43

Instrument :

BNA_F

ClientSampleId :

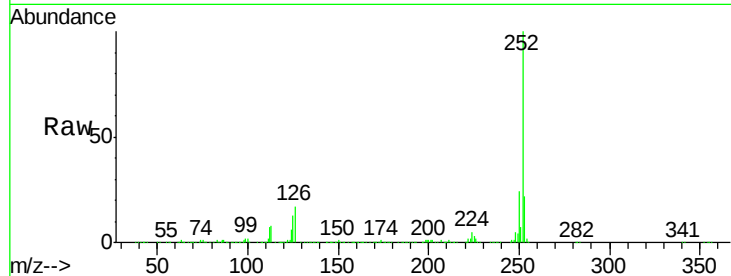
Tot Ion:252 Resp: 753836

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.6

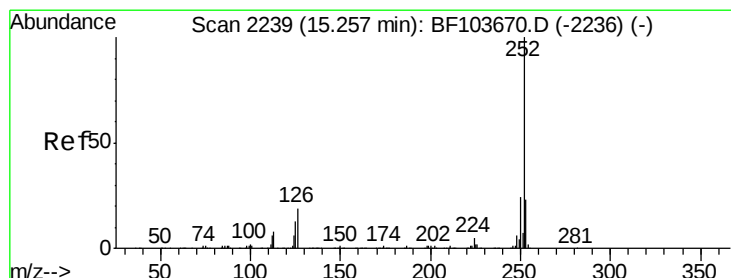
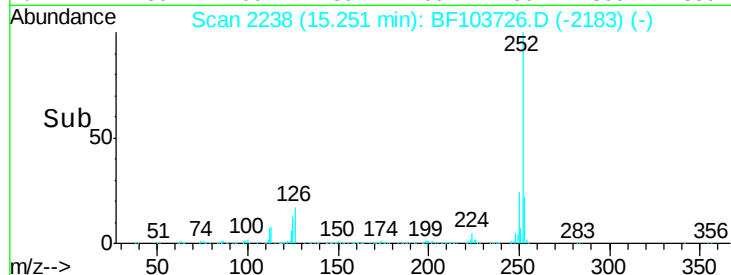
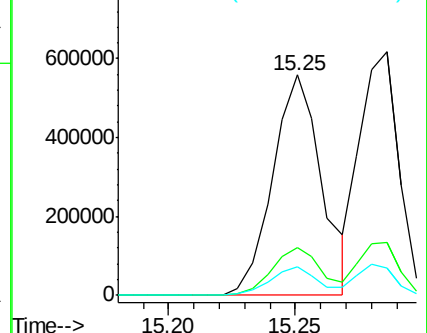
125 12.7 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.477 ng

RT: 15.29 min Scan# 2244

Delta R.T. 0.03 min

Lab File: BF103726.D

Acq: 17 Mar 2018 5:43

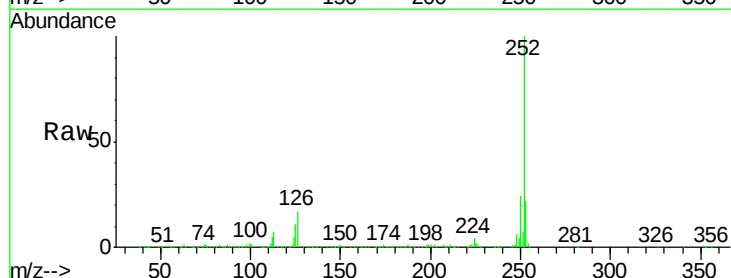
Tgt Ion:252 Resp: 665310

Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

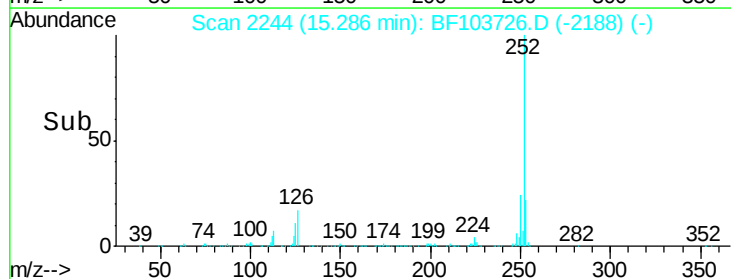
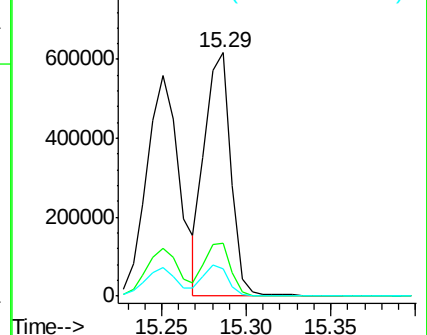
125 11.2 10.2 15.2

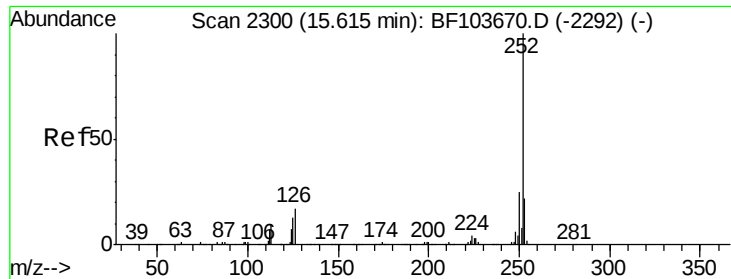


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

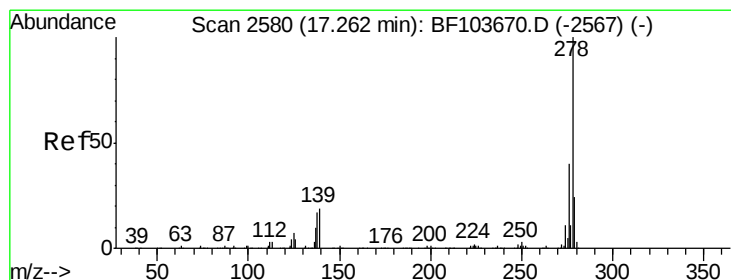
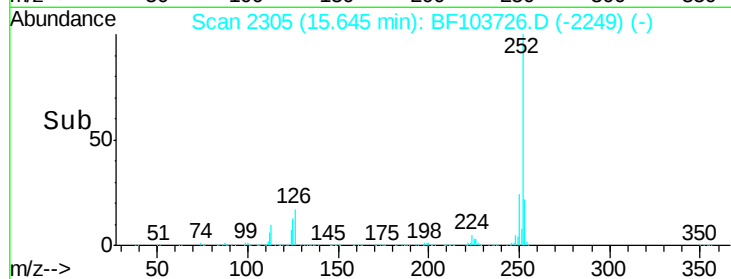
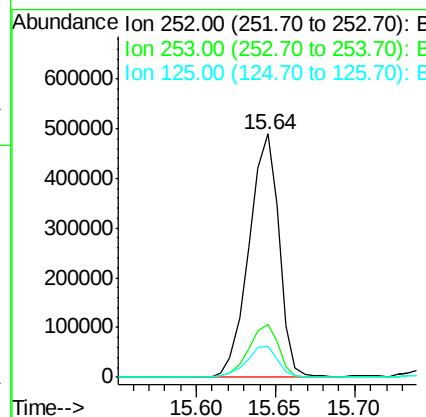
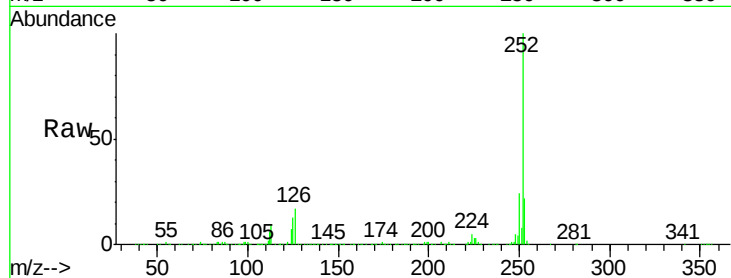




#89
Benzo(a)pyrene
Concen: 40.364 ng
RT: 15.64 min Scan# 2305
Delta R.T. 0.03 min
Lab File: BF103726.D
Acq: 17 Mar 2018 5:43

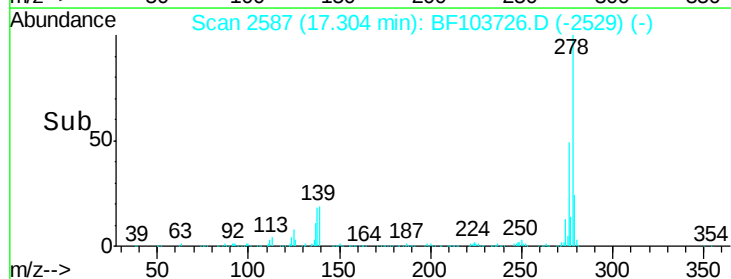
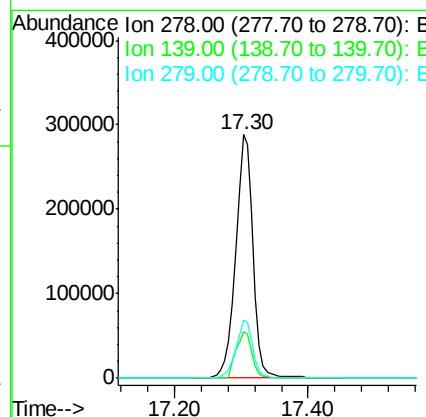
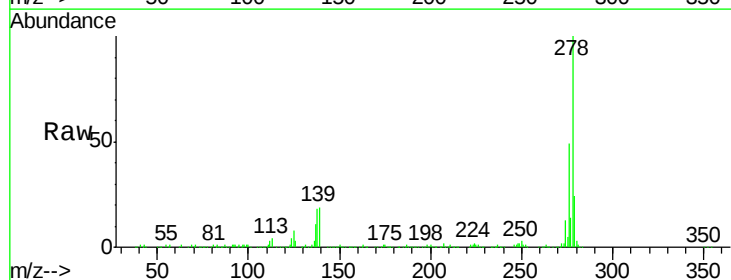
Instrument :
BNA_F
ClientSampleId :

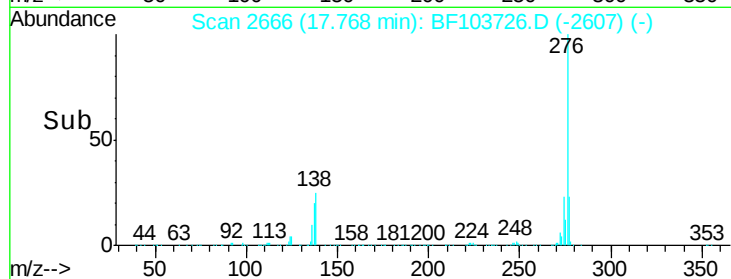
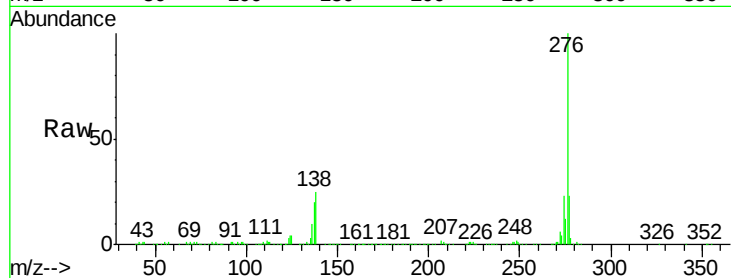
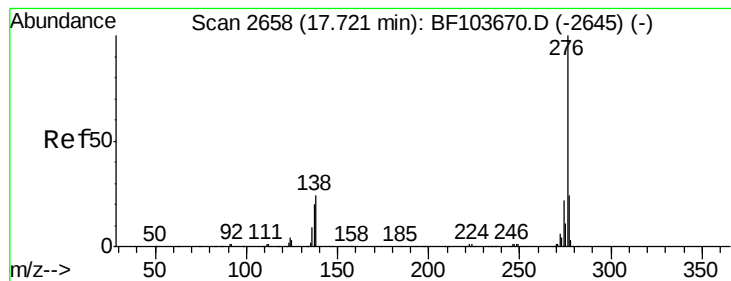
Tot Ion:252 Resp: 641856
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 12.9 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 38.403 ng
RT: 17.30 min Scan# 2587
Delta R.T. 0.04 min
Lab File: BF103726.D
Acq: 17 Mar 2018 5:43

Tgt Ion:278 Resp: 528784
Ion Ratio Lower Upper
278 100
139 19.1 15.9 23.9
279 24.0 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 36.229 ng

RT: 17.77 min Scan# 2666

Delta R.T. 0.05 min

Lab File: BF103726.D

Acq: 17 Mar 2018 5:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 276 Resp: 485297

Ion Ratio Lower Upper

276 100

277 23.1 17.9 26.9

138 25.1 21.8 32.8

