

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031518\
 Data File : BF103673.D
 Acq On : 15 Mar 2018 17:00
 Operator : JU/SJ
 Sample : SSTDICCC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 15 17:28:39 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 16:35:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	151045	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	630570	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	286082	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	500788	20.00	ng	0.00
75) Chrysene-d12	14.16	240	355874	20.00	ng	0.00
86) Perylene-d12	15.67	264	283266	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	1452159	145.41	ng	0.01
7) Phenol-d6	6.60	99	1762614	144.23	ng	0.01
23) Nitrobenzene-d5	7.54	82	1519894	137.65	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	396278	163.65	ng	0.01
44) 2-Fluorobiphenyl	9.33	172	2254572	133.97	ng	0.00
78) Terphenyl-d14	13.09	244	2159212	145.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	377681	71.602	ng	94
3) Pyridine	3.60	79	1057532	75.099	ng	92
4) n-Nitrosodimethylamine	3.58	42	384222	67.654	ng	91
6) Aniline	6.65	93	1339596	75.954	ng	98
8) 2-Chlorophenol	6.76	128	769678	74.188	ng	98
9) Benzaldehyde	6.53	77	566592	73.962	ng	99
10) Phenol	6.61	94	937330	66.071	ng	100
11) bis(2-Chloroethyl)ether	6.71	93	796195	73.945	ng	97
12) 1,3-Dichlorobenzene	6.92	146	847074	71.447	ng	100
13) 1,4-Dichlorobenzene	6.99	146	846857	71.245	ng	99
14) 1,2-Dichlorobenzene	7.15	146	762898	69.604	ng	100
15) Benzyl Alcohol	7.11	79	689235	74.846	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1117175	60.421	ng	94
17) 2-Methylphenol	7.21	107	693862	73.594	ng	98
18) Hexachloroethane	7.49	117	320371	74.036	ng	97
19) n-Nitroso-di-n-propylamine	7.39	70	571858	75.189	ng	95
20) 3+4-Methylphenols	7.37	107	816887	71.077	ng	# 86
22) Acetophenone	7.39	105	1079202	73.322	ng	95
24) Nitrobenzene	7.56	77	846485	69.631	ng	95
25) Isophorone	7.80	82	1574595	72.407	ng	99
26) 2-Nitrophenol	7.87	139	359075	62.743	ng	98
27) 2,4-Dimethylphenol	7.90	122	679093	77.630	ng	97
28) bis(2-Chloroethoxy)methane	8.00	93	925237	72.365	ng	100
29) 2,4-Dichlorophenol	8.10	162	627021	74.866	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	670677	75.199	ng	98
31) Naphthalene	8.28	128	2163435	70.079	ng	99
32) Benzoic acid	8.05	122	491202	85.066	ng	96
33) 4-Chloroaniline	8.32	127	945925	71.006	ng	99
34) Hexachlorobutadiene	8.39	225	356884	76.843	ng	99
35) Caprolactam	8.72	113	211562	71.874	ng	87
36) 4-Chloro-3-methylphenol	8.80	107	669761	70.900	ng	99
37) 2-Methylnaphthalene	8.97	142	1365913	68.461	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	565855	72.352	ng	98
40) Hexachlorocyclopentadiene	9.12	237	354748	163.312	ng	97

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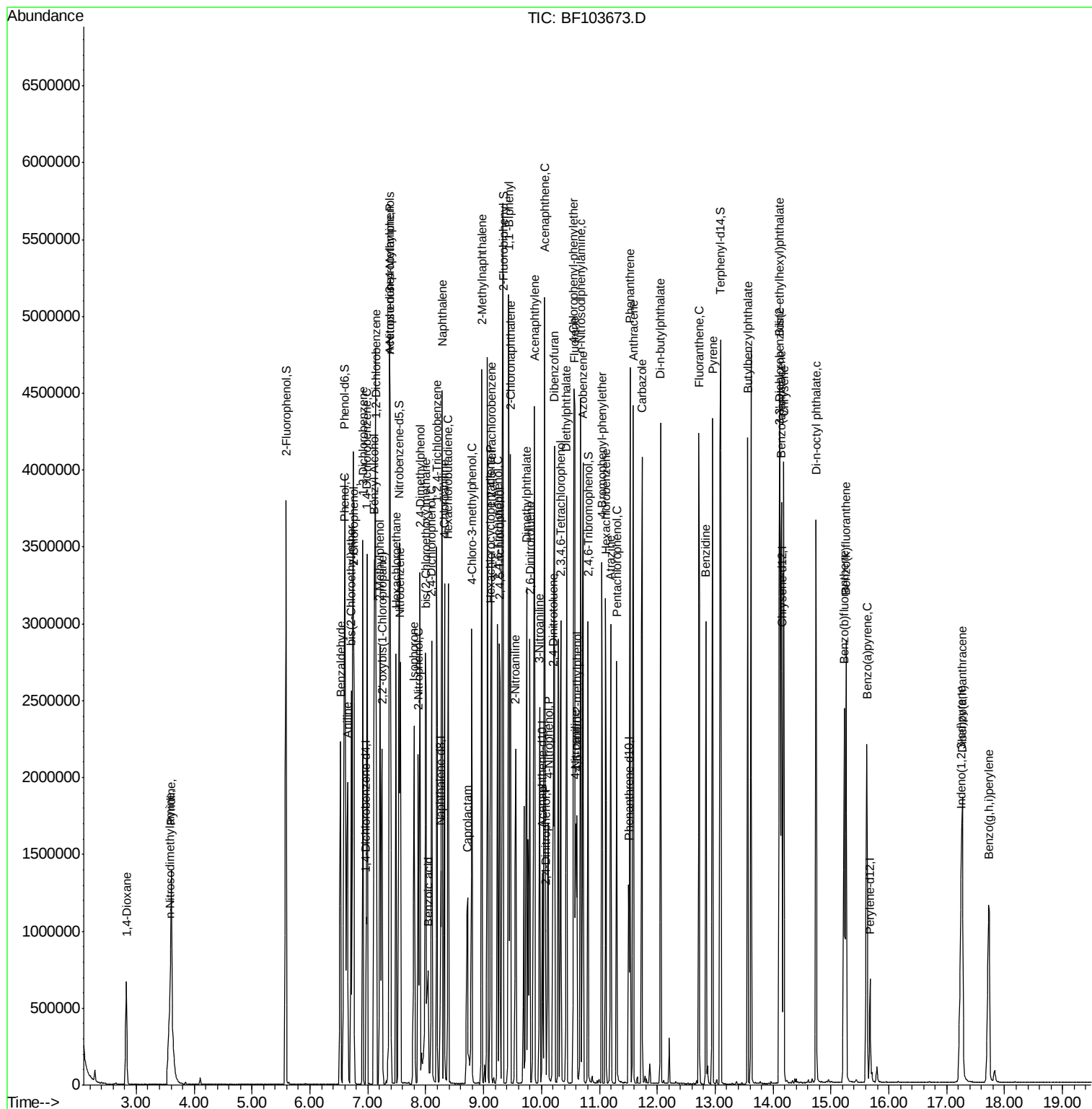
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	417590	79.352	ng	99
43) 2,4,5-Trichlorophenol	9.27	196	465410	76.894	ng	98
45) 1,1'-Biphenyl	9.43	154	1629400	67.970	ng	99
46) 2-Chloronaphthalene	9.46	162	1334907	70.387	ng	99
47) 2-Nitroaniline	9.55	65	423075	60.223	ng	94
48) Acenaphthylene	9.88	152	2033893	69.701	ng	98
49) Dimethylphthalate	9.74	163	1585820	69.099	ng	100
50) 2,6-Dinitrotoluene	9.80	165	342897	71.198	ng	96
51) Acenaphthene	10.05	154	1224661	71.974	ng	99
52) 3-Nitroaniline	9.97	138	415189	67.949	ng	94
53) 2,4-Dinitrophenol	10.07	184	103711	77.523	ng	# 23
54) Dibenzofuran	10.22	168	1743764	74.655	ng	97
55) 4-Nitrophenol	10.12	139	317240	83.770	ng	97
56) 2,4-Dinitrotoluene	10.20	165	451985	74.204	ng	# 95
57) Fluorene	10.57	166	1271921	63.924	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	336837	82.843	ng	98
59) Diethylphthalate	10.43	149	1533067	69.844	ng	98
60) 4-Chlorophenyl-phenylether	10.55	204	587854	69.669	ng	100
61) 4-Nitroaniline	10.59	138	398648	65.319	ng	96
62) Azobenzene	10.72	77	1535135	68.710	ng	96
64) 4,6-Dinitro-2-methylphenol	10.61	198	189226	67.577	ng	94
65) n-Nitrosodiphenylamine	10.67	169	1230041	70.543	ng	100
66) 4-Bromophenyl-phenylether	11.05	248	374882	71.862	ng	94
67) Hexachlorobenzene	11.11	284	423713	74.832	ng	95
68) Atrazine	11.20	200	392411	74.874	ng	99
69) Pentachlorophenol	11.30	266	283324	103.487	ng	98
70) Phenanthrene	11.53	178	1863303	67.609	ng	99
71) Anthracene	11.59	178	1901946	67.299	ng	99
72) Carbazole	11.73	167	1896706	67.395	ng	98
73) Di-n-butylphthalate	12.06	149	2250866	63.917	ng	99
74) Fluoranthene	12.72	202	1924902	69.504	ng	99
76) Benzidine	12.85	184	1151383	86.541	ng	# 93
77) Pyrene	12.96	202	1973300	71.120	ng	99
79) Butylbenzylphthalate	13.56	149	946554	64.570	ng	96
80) Benzo(a)anthracene	14.14	228	1664710	72.095	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	537933	65.279	ng	98
82) Chrysene	14.19	228	1528338	68.168	ng	100
83) Bis(2-ethylhexyl)phthalate	14.12	149	1251261	63.251	ng	100
84) Di-n-octyl phthalate	14.74	149	1944029	60.823	ng	98
85) Indeno(1,2,3-cd)pyrene	17.24	276	1334949	75.210	ng	98
87) Benzo(b)fluoranthene	15.23	252	1482395	79.594	ng	97
88) Benzo(k)fluoranthene	15.26	252	1255255	71.574	ng	100
89) Benzo(a)pyrene	15.62	252	1272483	76.509	ng	98
90) Dibenzo(a,h)anthracene	17.27	278	1093084	85.055	ng	98
91) Benzo(g,h,i)perylene	17.73	276	1092537	86.983	ng	98

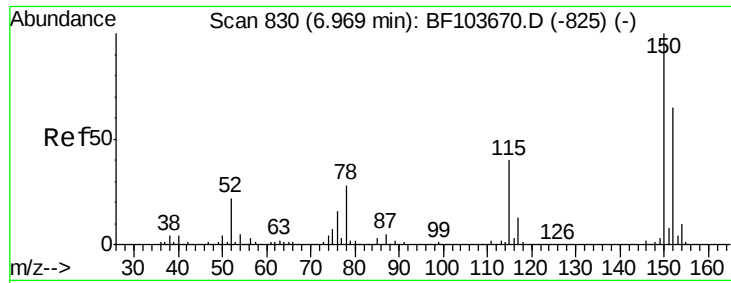
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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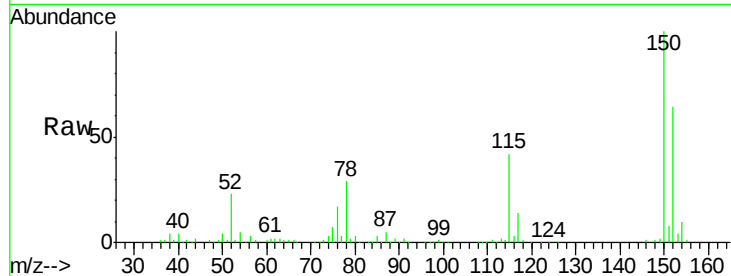


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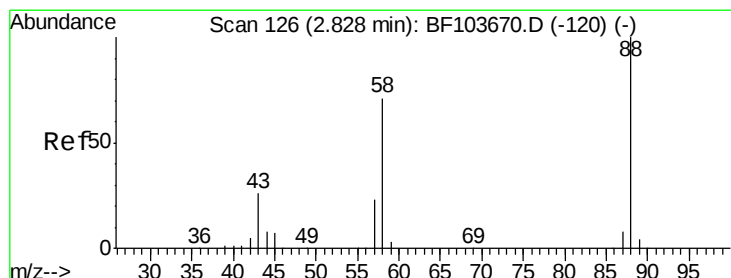
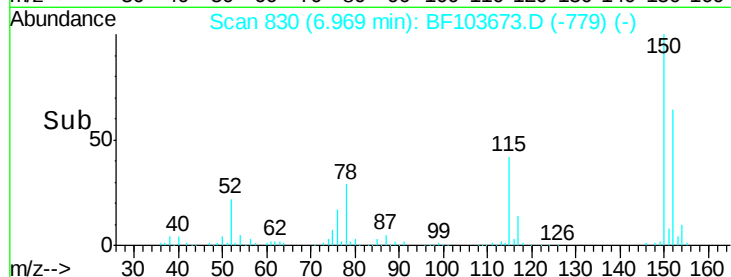
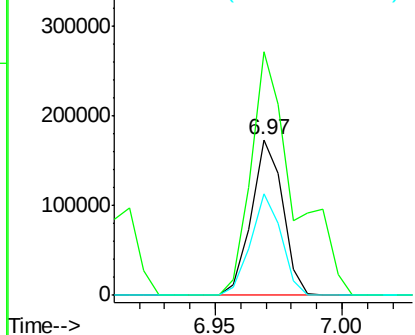
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 151045
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 65.3 50.1 75.1



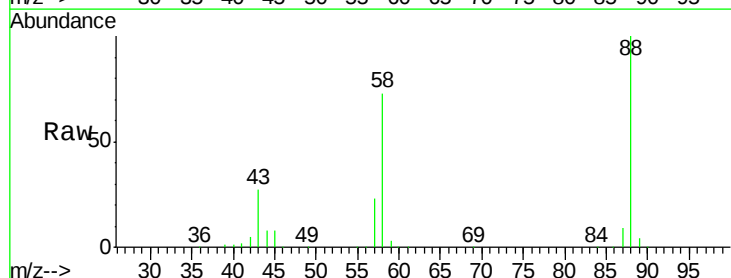
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



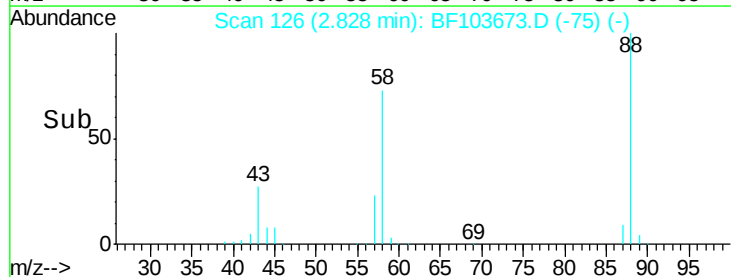
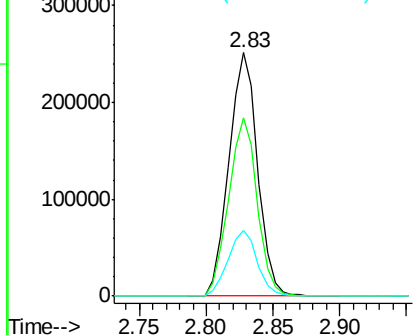
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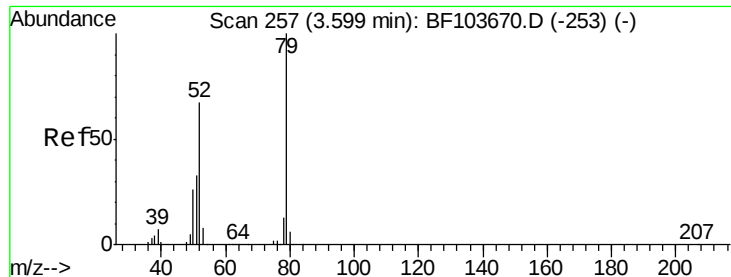
1,4-Dioxane
Concen: 71.602 ng
RT: 2.83 min Scan# 126
Delta R.T. 0.00 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Tgt Ion: 88 Resp: 377681
Ion Ratio Lower Upper
88 100
58 72.9 62.6 93.8
43 27.4 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: 75.099 ng

RT: 3.60 min Scan# 258

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Instrument :

BNA_F

ClientSampleId :

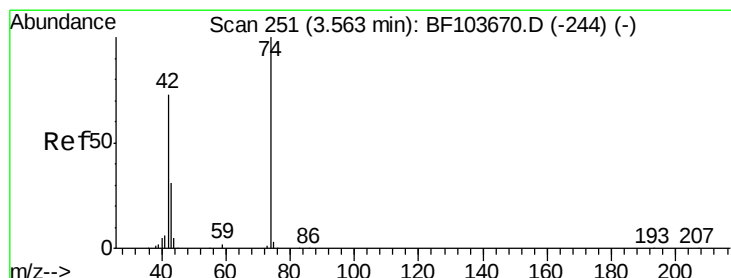
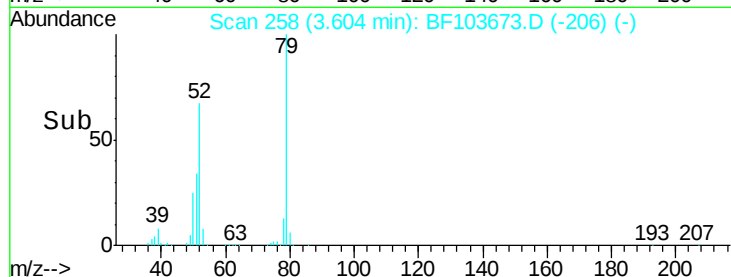
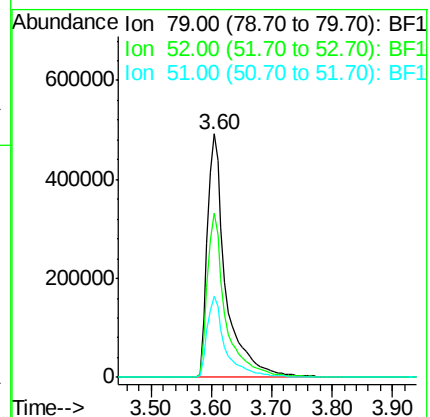
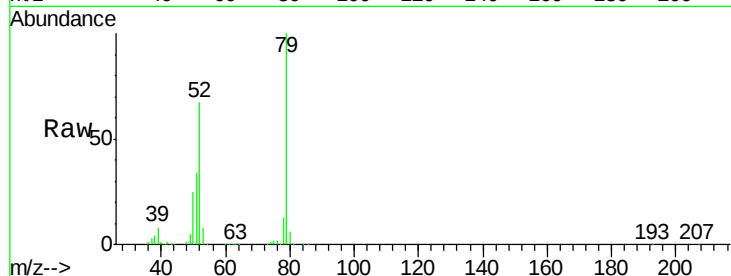
Tot Ion: 79 Resp: 1057532

Ion Ratio Lower Upper

79 100

52 67.5 59.8 89.6

51 33.5 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 67.654 ng

RT: 3.58 min Scan# 254

Delta R.T. 0.02 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

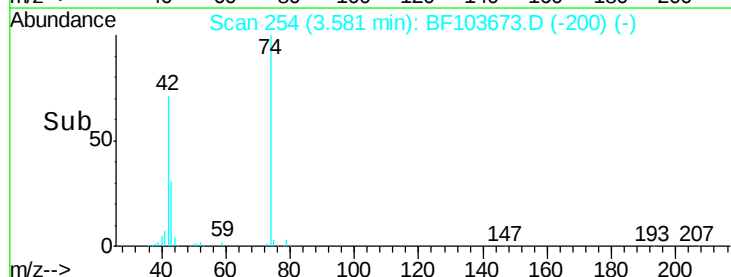
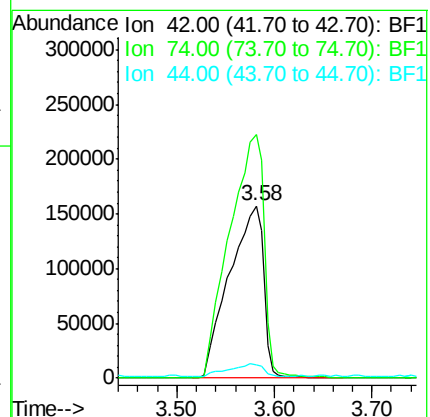
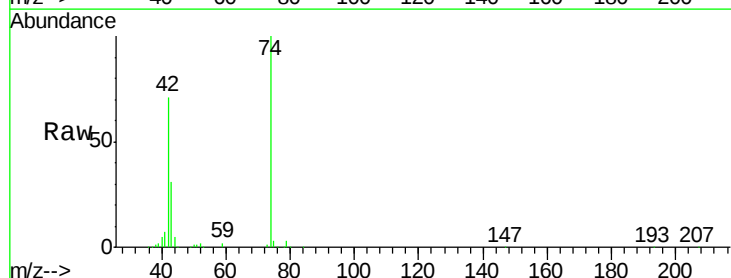
Tgt Ion: 42 Resp: 384222

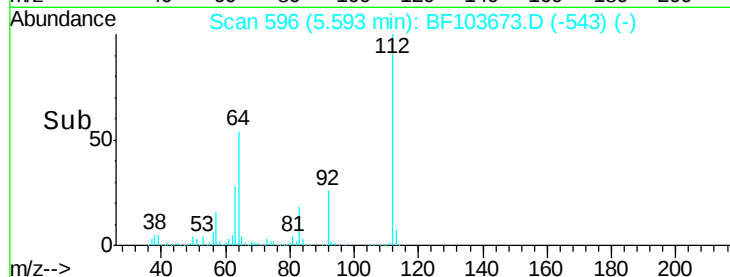
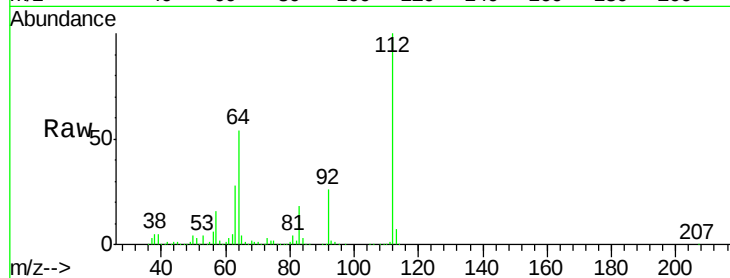
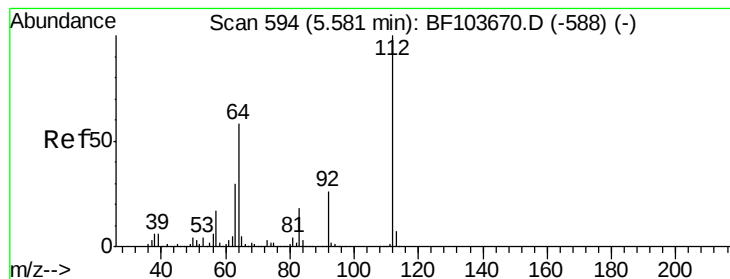
Ion Ratio Lower Upper

42 100

74 141.6 104.9 157.3

44 7.5 6.9 10.3





#5

2-Fluorophenol

Concen: 145.406 ng

RT: 5.59 min Scan# 596

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Instrument :

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ClientSampleId :

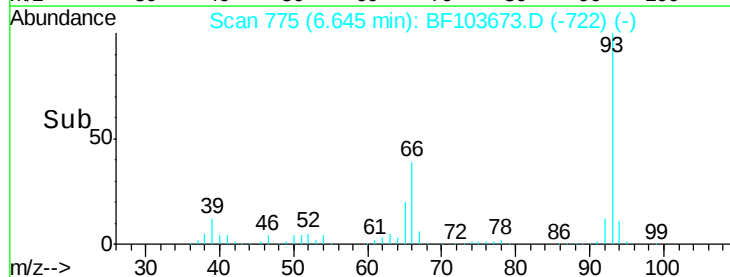
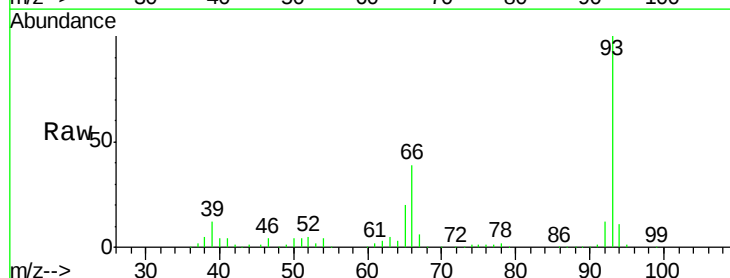
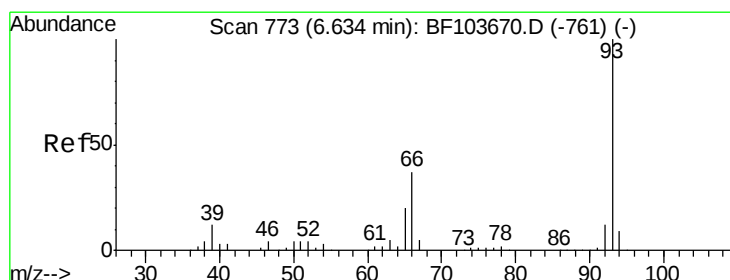
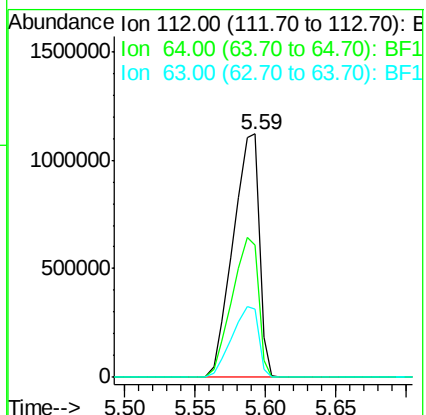
Tot Ion:112 Resp: 1452159

Ion Ratio Lower Upper

112 100

64 54.2 47.9 71.9

63 28.0 23.7 35.5



#6

Aniline

Concen: 75.954 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

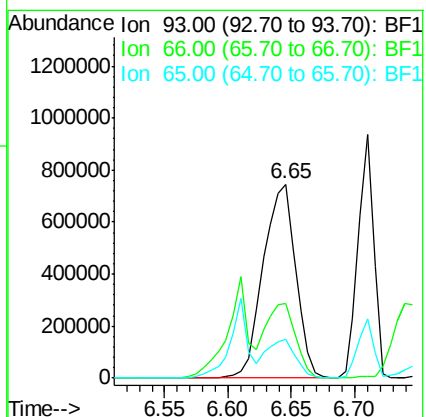
Tgt Ion: 93 Resp: 1339596

Ion Ratio Lower Upper

93 100

66 38.7 32.2 48.2

65 20.1 16.4 24.6





#7

Phenol-d6

Concen: 144.234 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Instrument :

BNA_F

ClientSampleId :

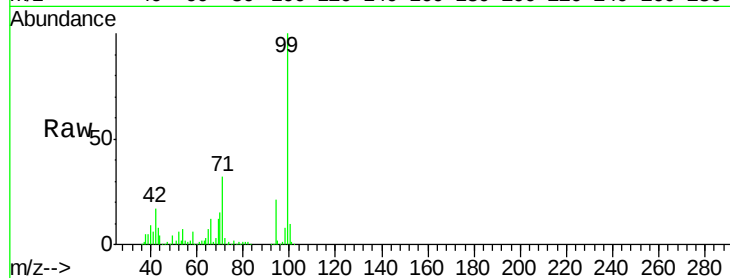
Tot Ion: 99 Resp: 1762614

Ion Ratio Lower Upper

99 100

42 17.1 14.5 21.7

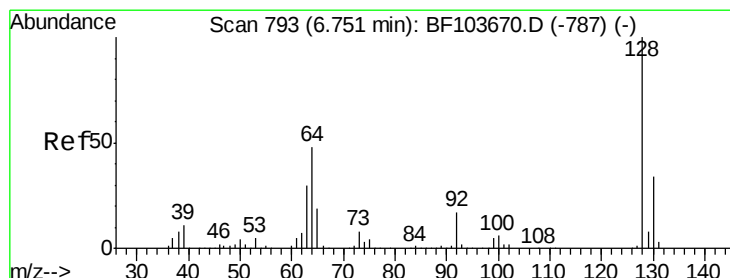
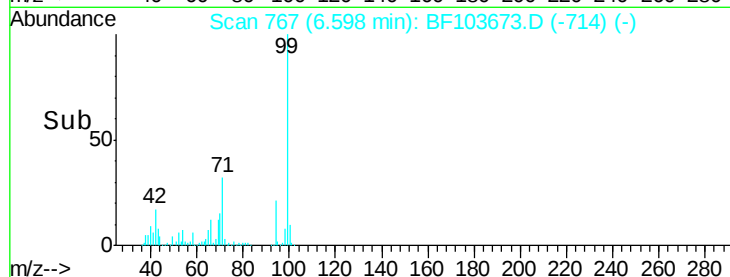
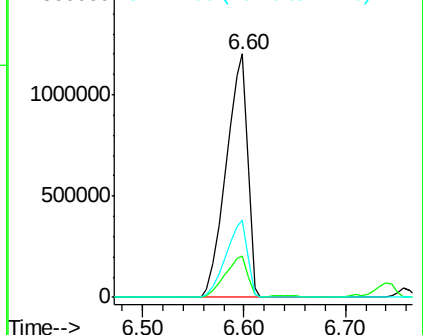
71 31.6 25.4 38.0



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: 74.188 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

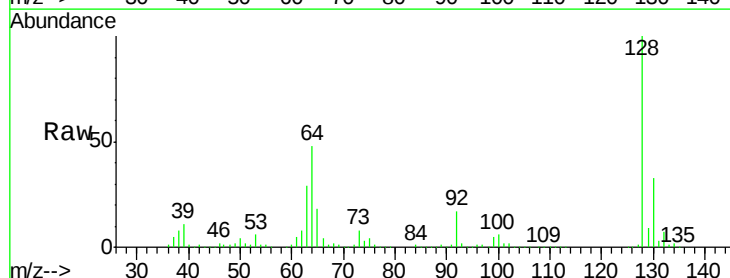
Tgt Ion: 128 Resp: 769678

Ion Ratio Lower Upper

128 100

130 32.5 13.0 53.0

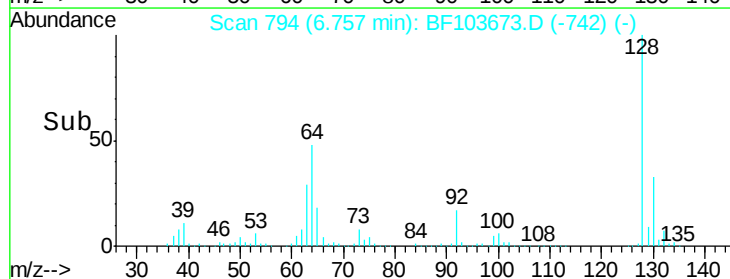
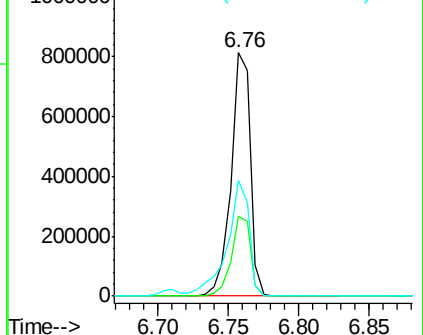
64 47.7 29.4 69.4



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: 73.962 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF103673.D

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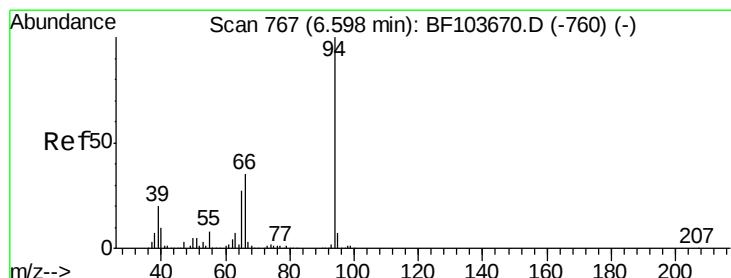
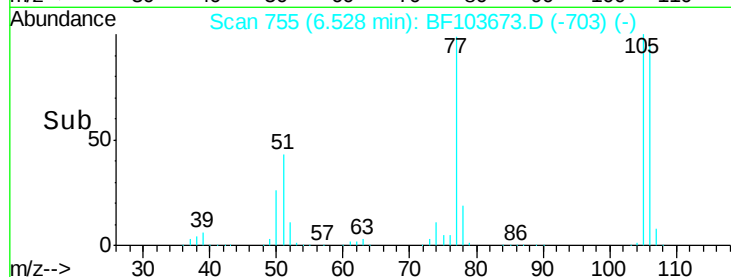
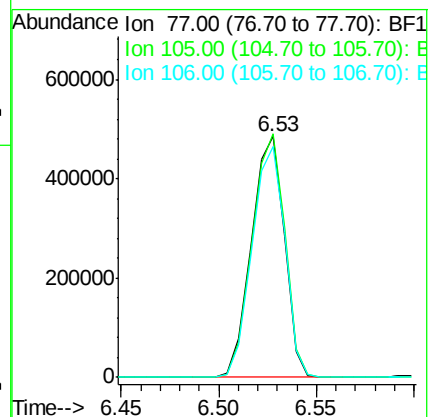
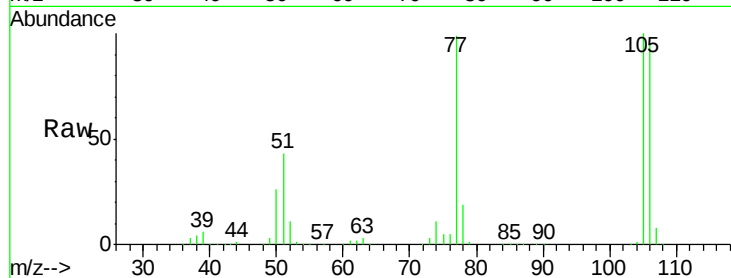
Tot Ion: 77 Resp: 566592

Ion Ratio Lower Upper

77 100

105 101.0 81.1 121.1

106 95.7 74.5 114.5



#10

Phenol

Concen: 66.071 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

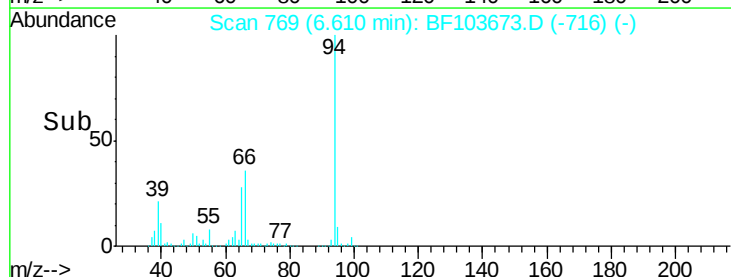
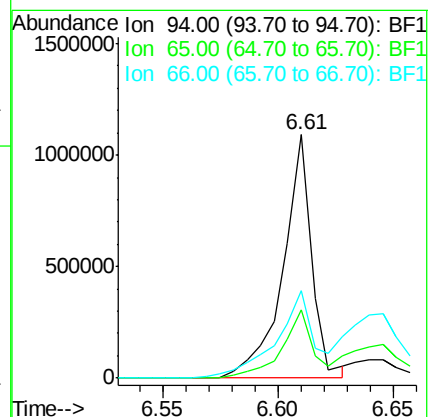
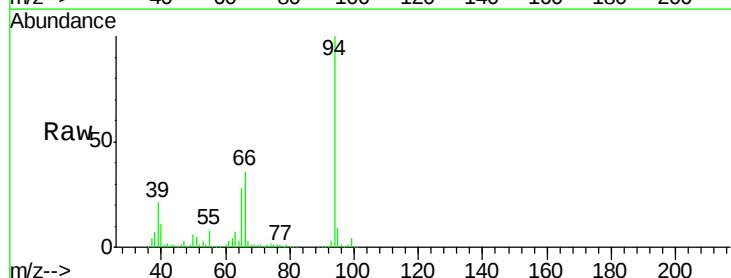
Tgt Ion: 94 Resp: 937330

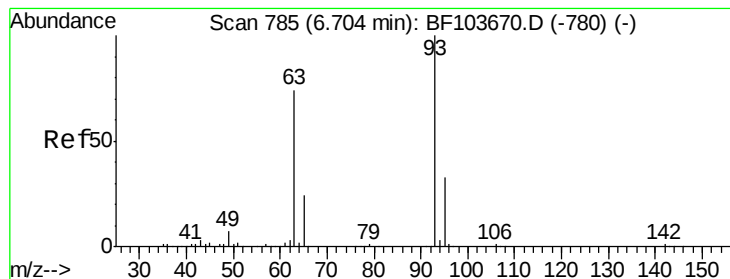
Ion Ratio Lower Upper

94 100

65 27.9 7.9 47.9

66 35.8 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 73.945 ng

RT: 6.71 min Scan# 786

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Instrument :

BNA_F

ClientSampleId :

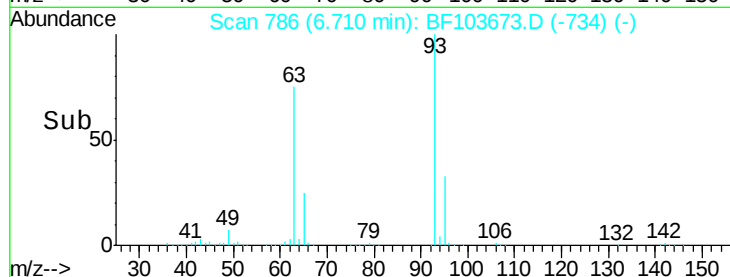
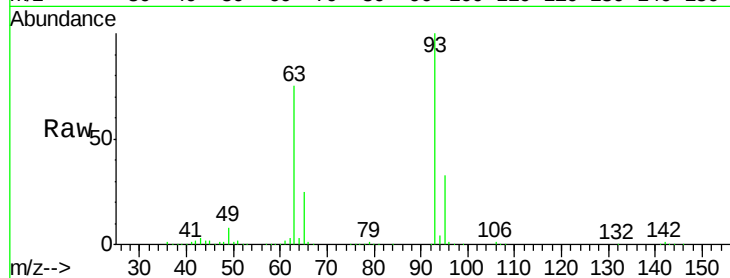
Tot Ion: 93 Resp: 796195

Ion Ratio Lower Upper

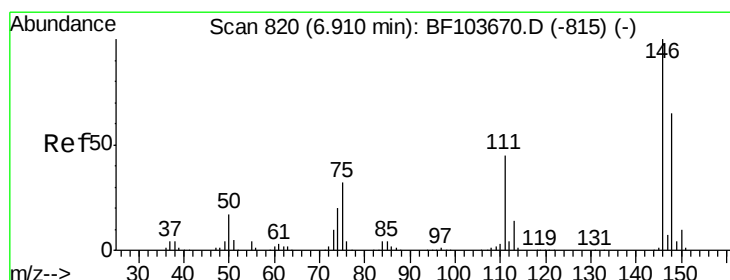
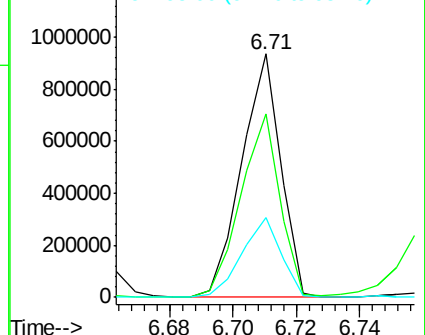
93 100

63 75.3 58.6 98.6

95 33.0 11.8 51.8



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



#12

1,3-Dichlorobenzene

Concen: 71.447 ng

RT: 6.92 min Scan# 821

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

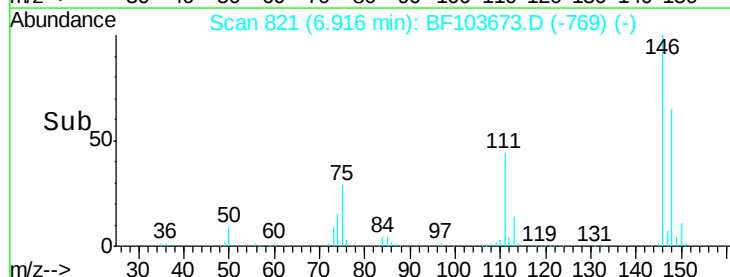
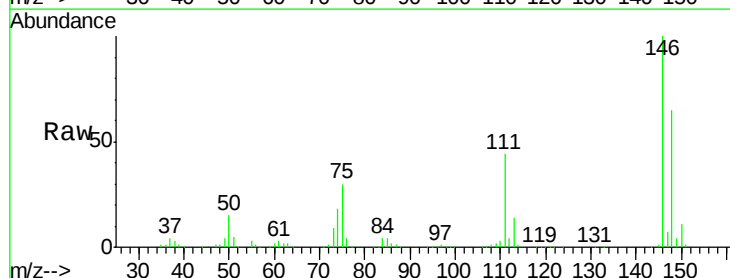
Tgt Ion: 146 Resp: 847074

Ion Ratio Lower Upper

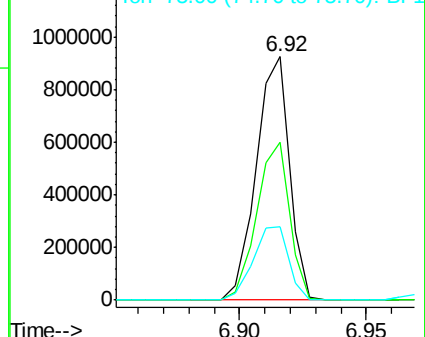
146 100

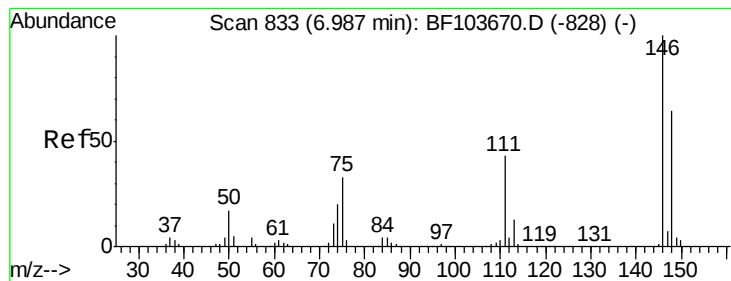
148 64.9 51.8 77.8

75 30.2 24.2 36.4



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





#13

1,4-Dichlorobenzene

Concen: 71.245 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Instrument :

BNA_F

ClientSampled :

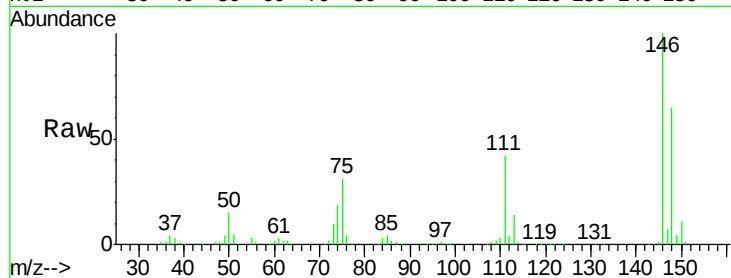
Tot Ion:146 Resp: 846857

Ion Ratio Lower Upper

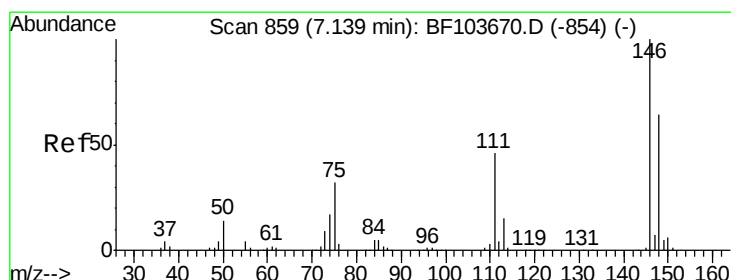
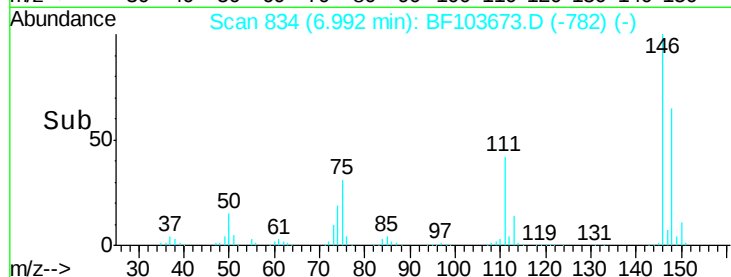
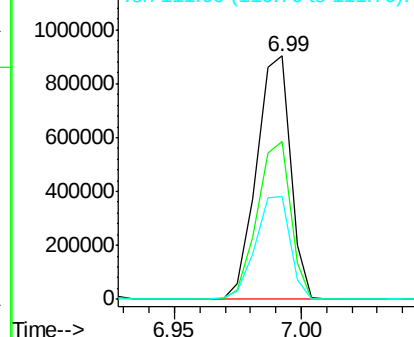
146 100

148 64.6 50.8 76.2

111 42.1 34.2 51.2



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



#14

1,2-Dichlorobenzene

Concen: 69.604 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

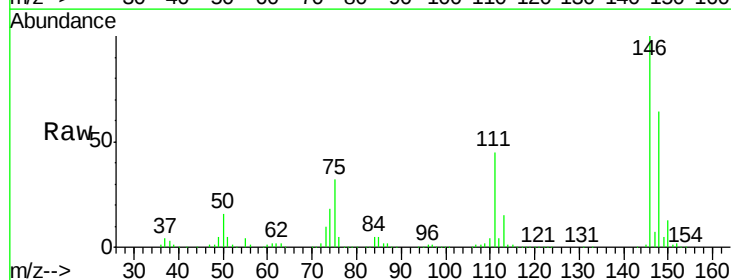
Tgt Ion:146 Resp: 762898

Ion Ratio Lower Upper

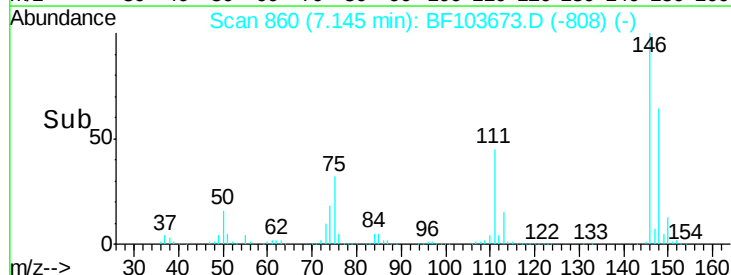
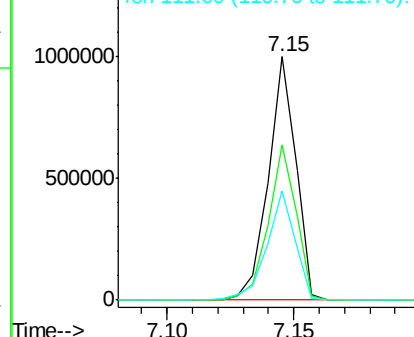
146 100

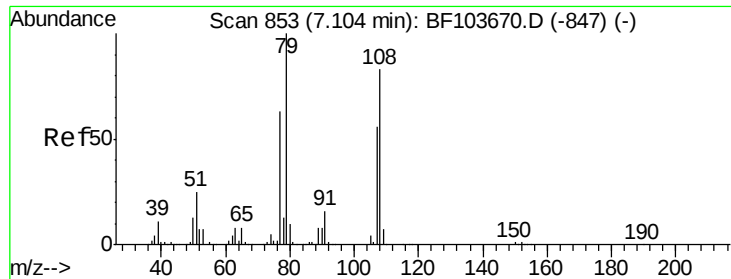
148 63.7 50.6 75.8

111 44.9 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 74.846 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Instrument :

BNA_F

ClientSampleId :

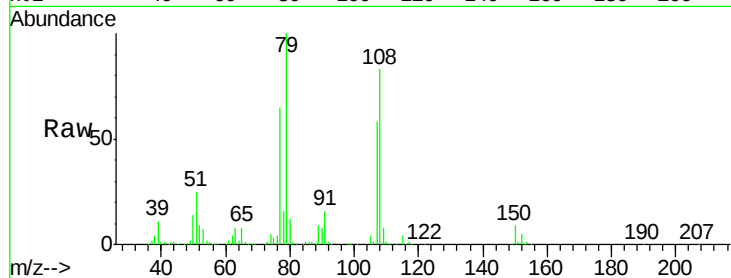
Tot Ion: 79 Resp: 689235

Ion Ratio Lower Upper

79 100

108 83.1 65.1 97.7

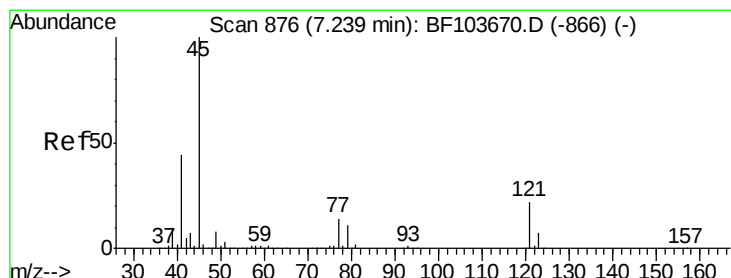
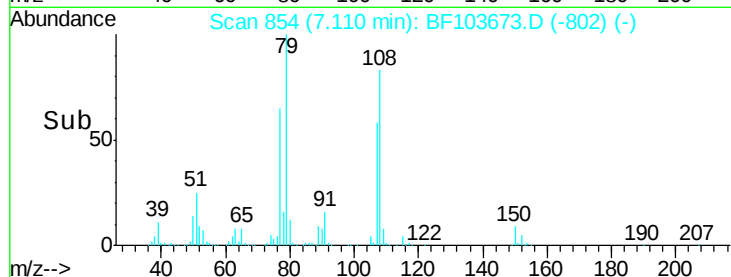
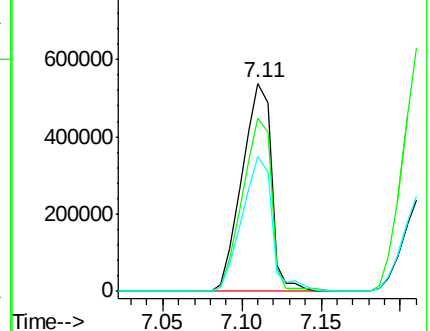
77 65.0 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 60.421 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

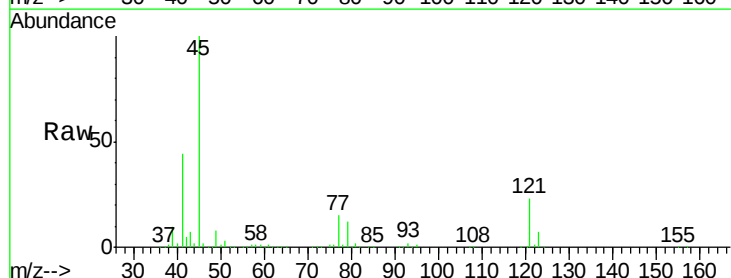
Tgt Ion: 45 Resp: 1117175

Ion Ratio Lower Upper

45 100

77 15.4 0.0 32.9

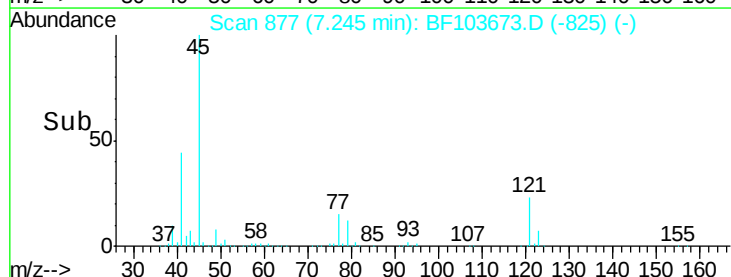
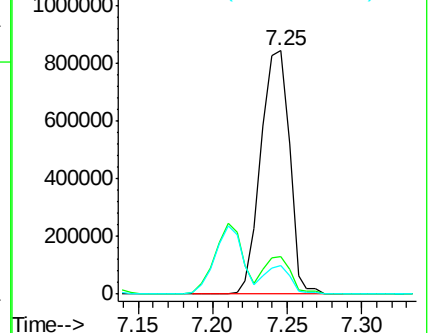
79 11.7 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 73.594 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 693862

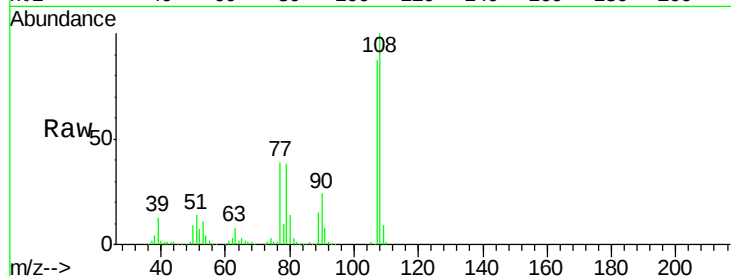
Ion Ratio Lower Upper

107 100

108 115.3 91.7 137.5

77 45.2 33.8 50.8

79 43.3 33.8 50.8

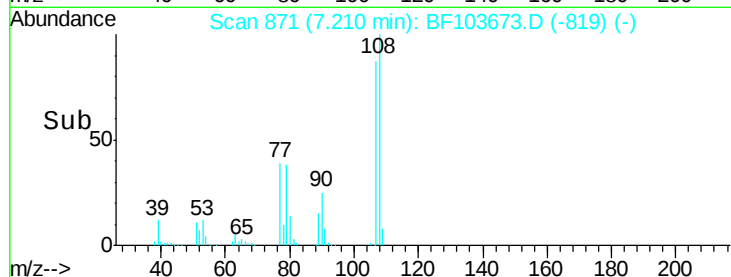


Abundance Ion 107.00 (106.70 to 107.70): E

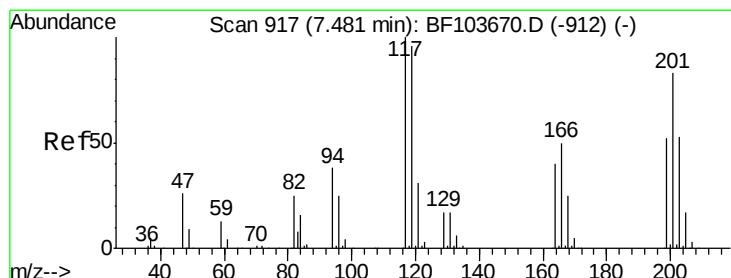
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#18

Hexachloroethane

Concen: 74.036 ng

RT: 7.49 min Scan# 918

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

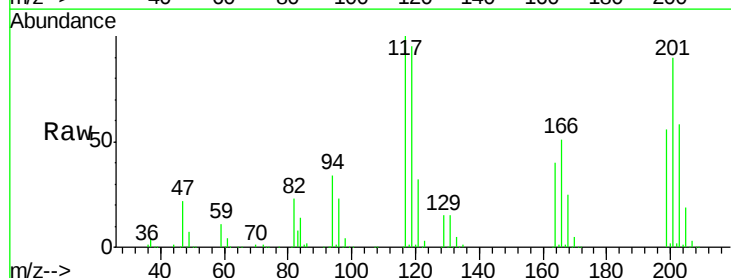
Tgt Ion:117 Resp: 320371

Ion Ratio Lower Upper

117 100

119 94.6 75.8 113.8

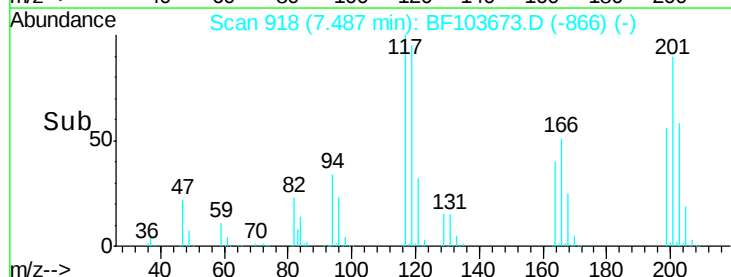
201 89.6 75.7 113.5



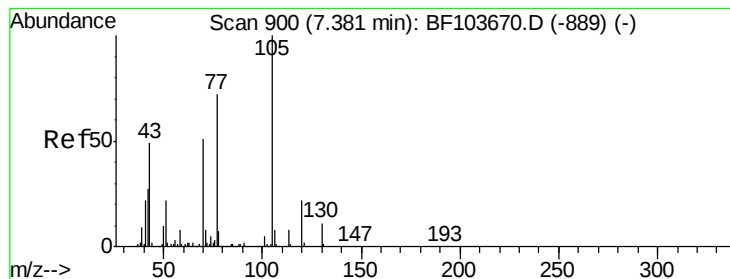
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 75.189 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 571858

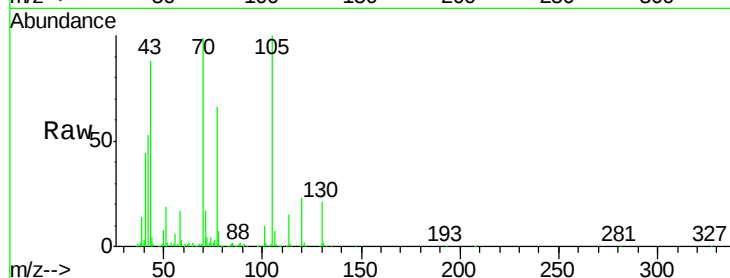
Ion Ratio Lower Upper

70 100

42 53.5 47.5 71.3

101 9.7 7.4 11.2

130 21.2 16.6 25.0

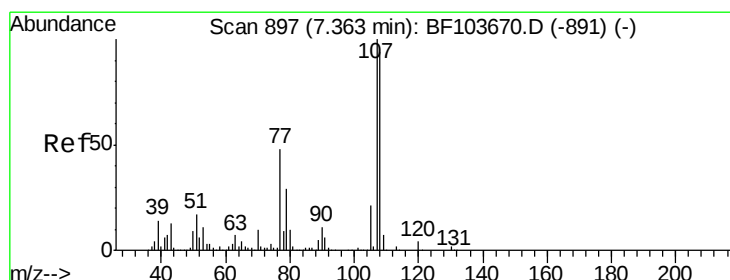
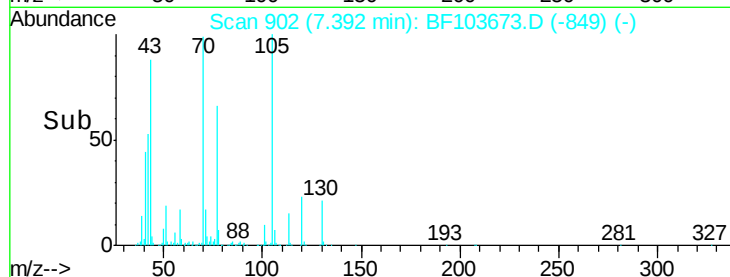
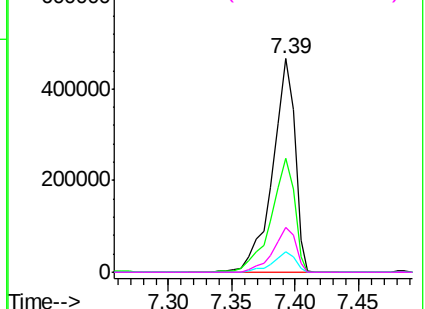


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 71.077 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Tgt Ion:107 Resp: 816887

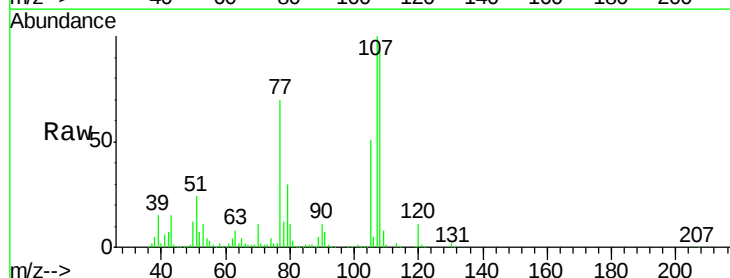
Ion Ratio Lower Upper

107 100

108 93.0 68.2 108.2

77 70.2 26.7 66.7#

79 29.9 6.3 46.3

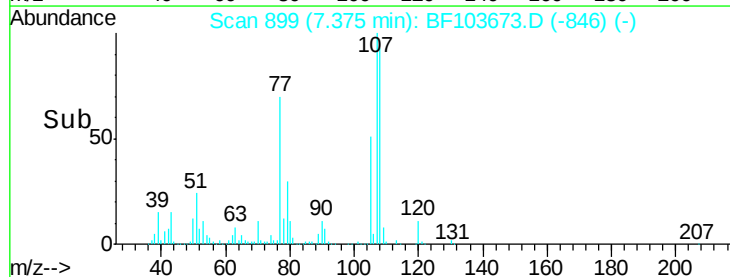
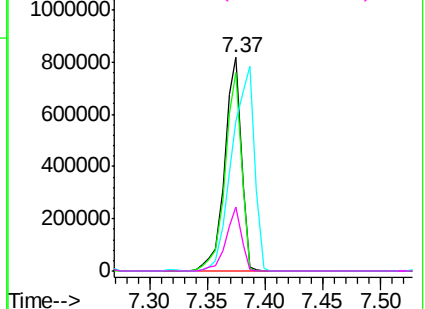


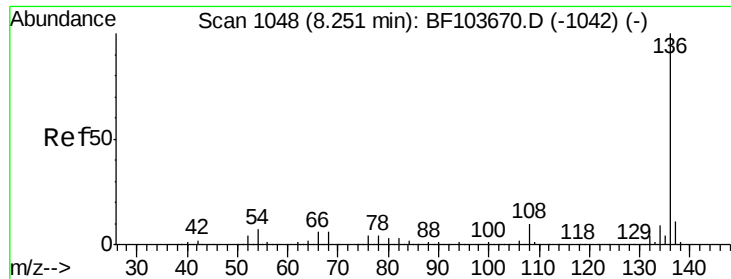
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 630570

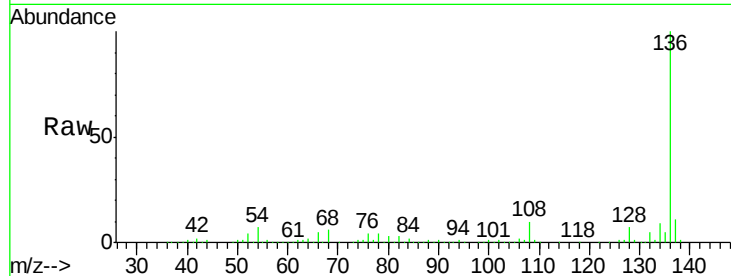
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.7 6.6 9.8

68 5.7 5.0 7.4

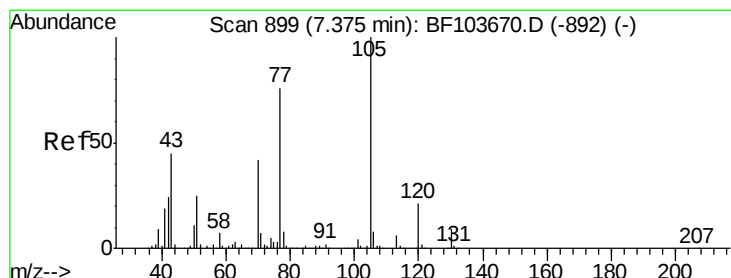
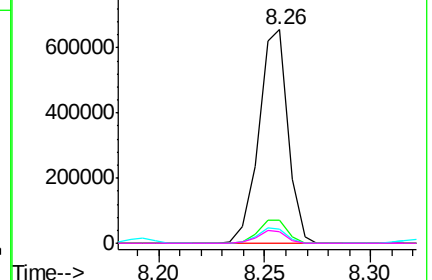
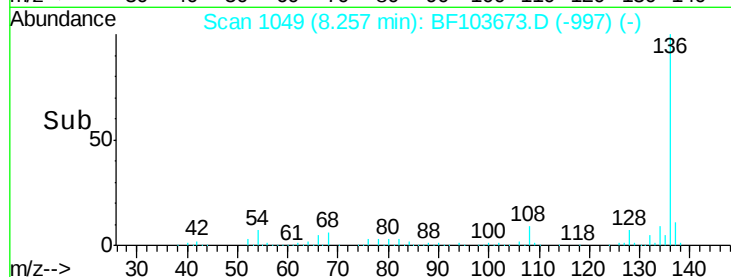


Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.322 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Tgt Ion:105 Resp: 1079202

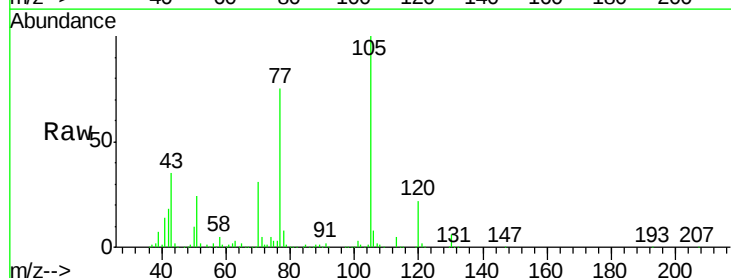
Ion Ratio Lower Upper

105 100

71 5.3 4.4 6.6

51 23.9 22.3 33.5

120 22.0 16.9 25.3

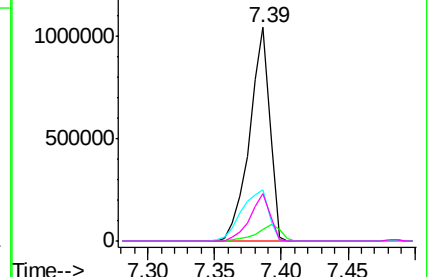
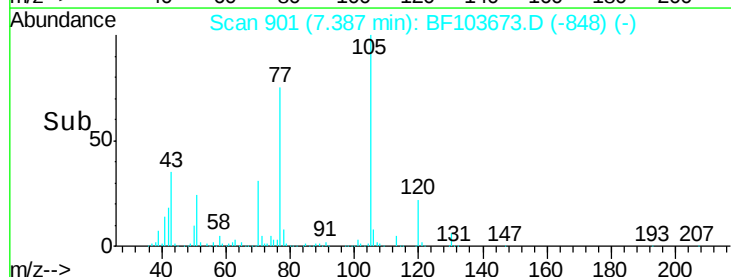


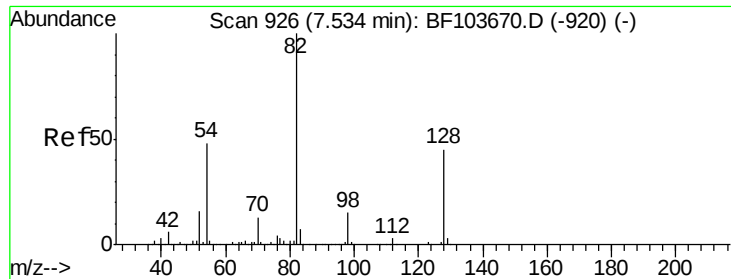
Abundance Ion 105.00 (104.70 to 105.70): E

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

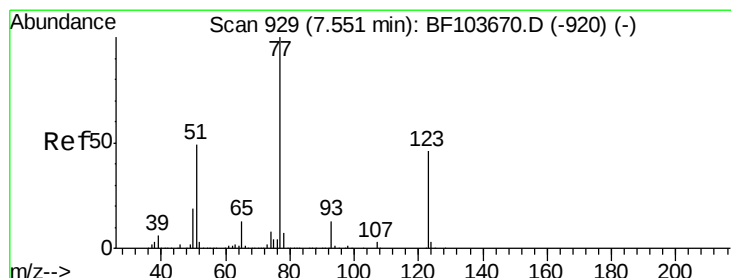
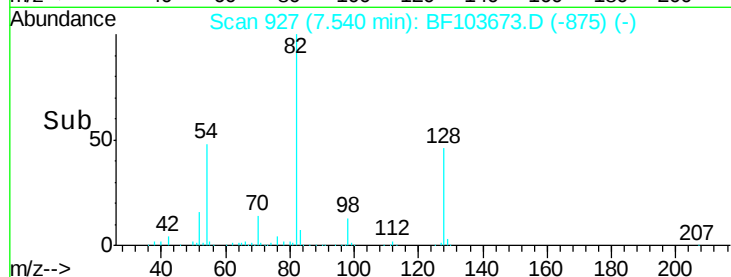
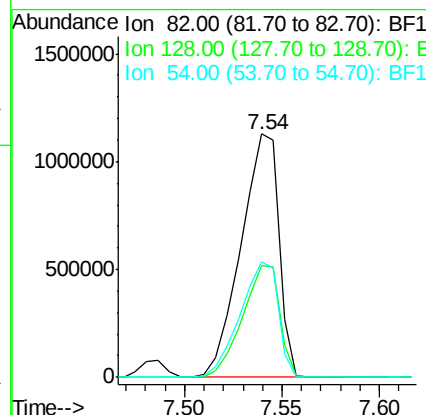
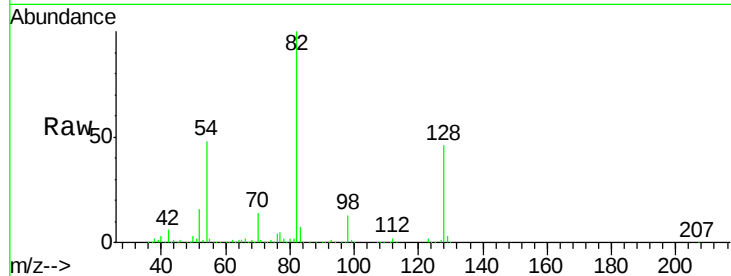




#23
 Nitrobenzene-d5
 Concen: 137.651 ng
 RT: 7.54 min Scan# 927
 Delta R.T. 0.01 min
 Lab File: BF103673.D
 Acq: 15 Mar 2018 17:00

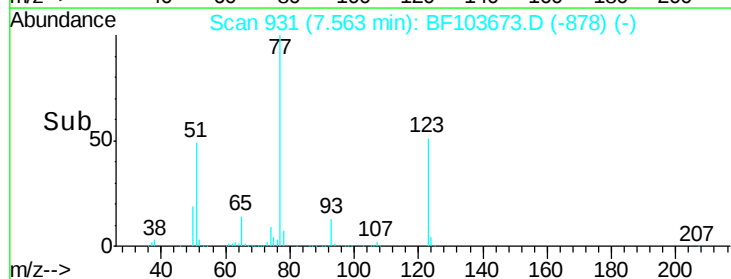
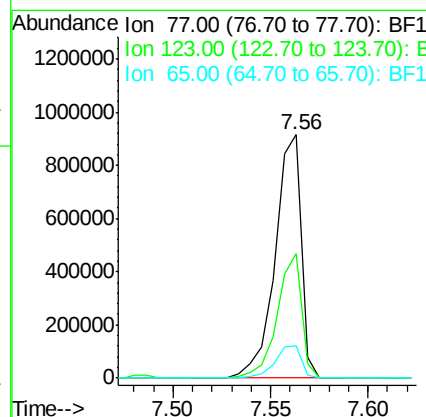
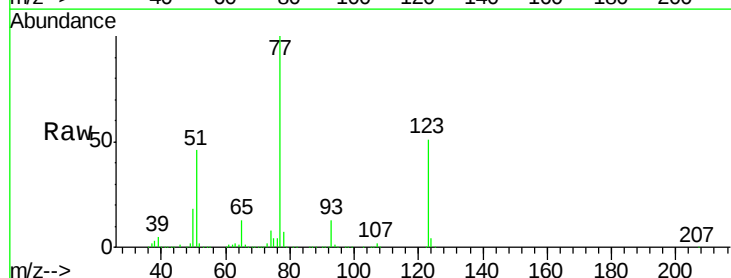
Instrument :
 BNA_F
 ClientSampleId :

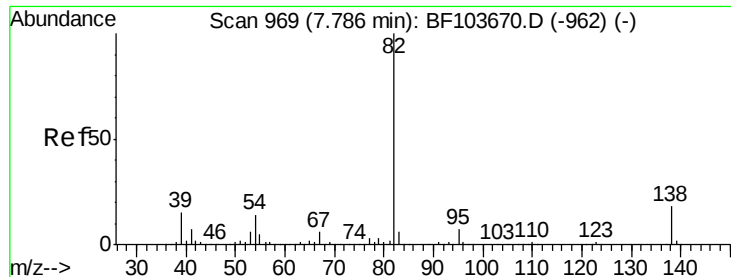
Tot Ion: 82 Resp: 1519894
 Ion Ratio Lower Upper
 82 100
 128 45.9 36.1 54.1
 54 47.6 41.4 62.2



#24
 Nitrobenzene
 Concen: 69.631 ng
 RT: 7.56 min Scan# 931
 Delta R.T. 0.01 min
 Lab File: BF103673.D
 Acq: 15 Mar 2018 17:00

Tgt Ion: 77 Resp: 846485
 Ion Ratio Lower Upper
 77 100
 123 51.3 37.9 56.9
 65 13.1 11.0 16.4





#25

Isophorone

Concen: 72.407 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Instrument :

BNA_F

ClientSampleId :

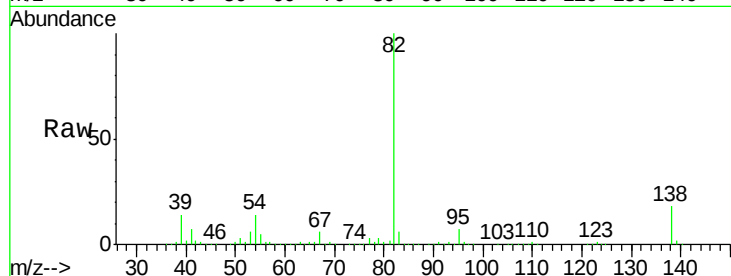
Tot Ion: 82 Resp: 1574595

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

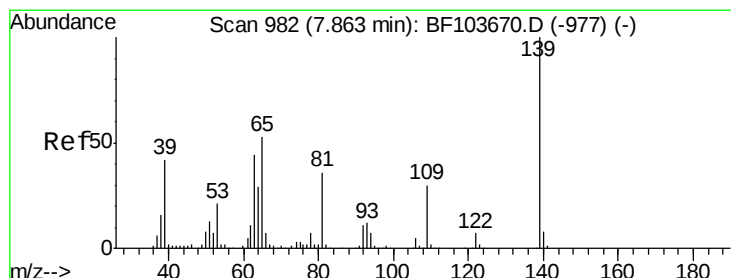
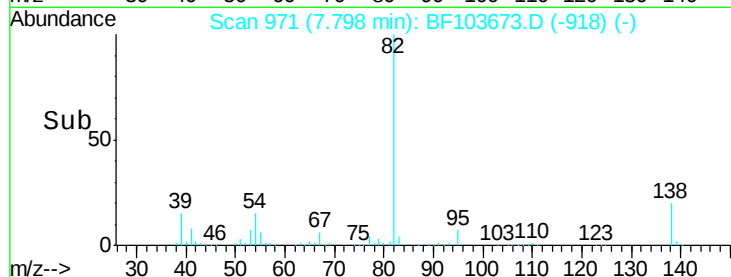
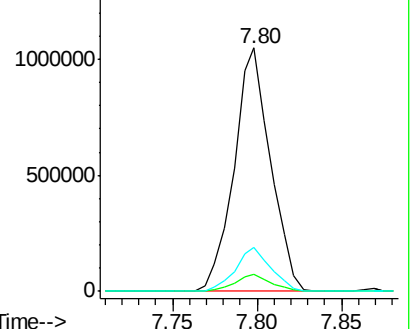
138 18.1 14.9 22.3



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: 62.743 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

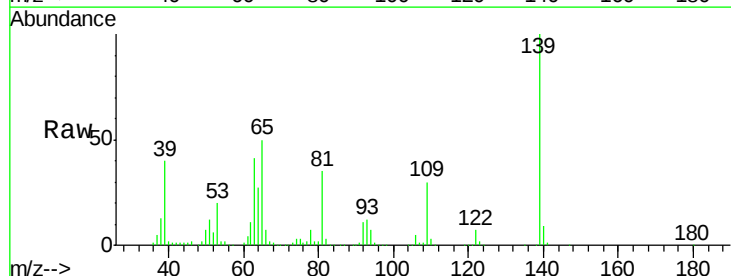
Tgt Ion: 139 Resp: 359075

Ion Ratio Lower Upper

139 100

109 29.5 22.7 34.1

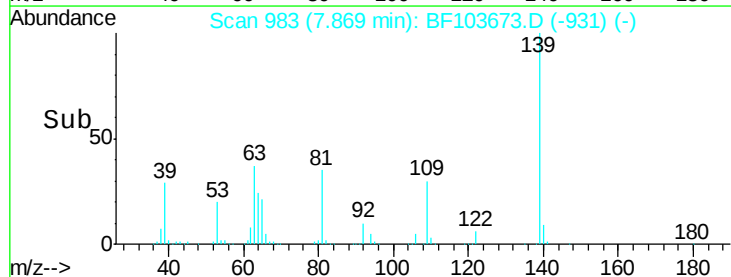
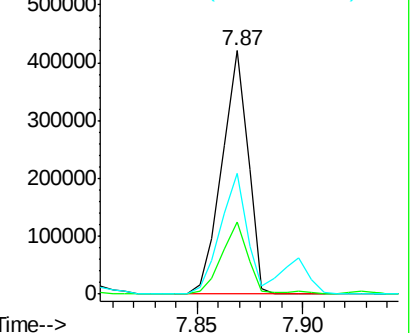
65 49.5 40.5 60.7

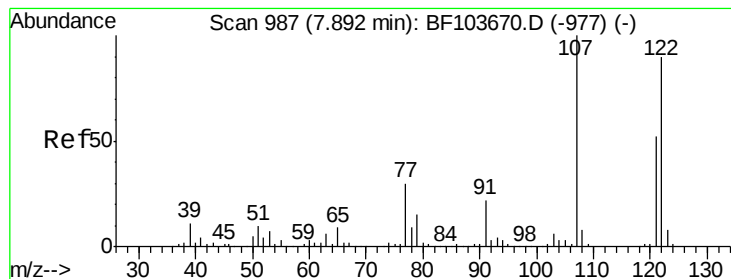


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 77.630 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Instrument :

BNA_F

ClientSampled :

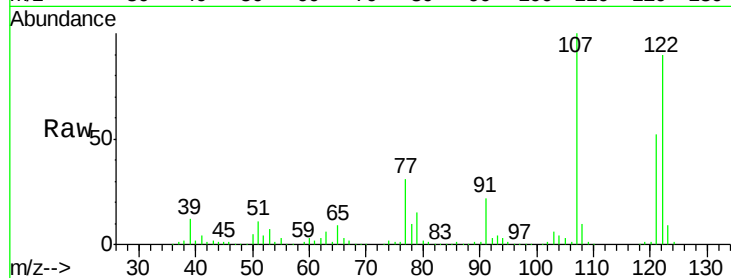
Tot Ion:122 Resp: 679093

Ion Ratio Lower Upper

122 100

107 110.8 91.2 136.8

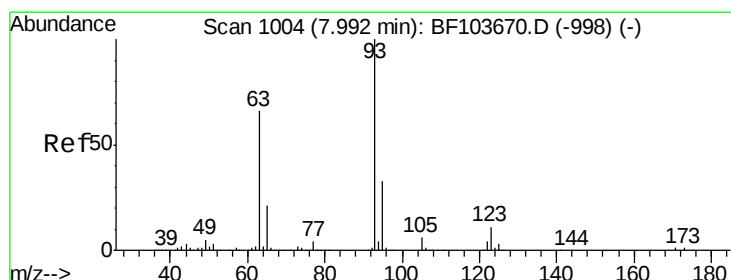
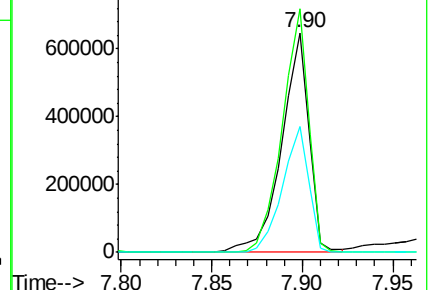
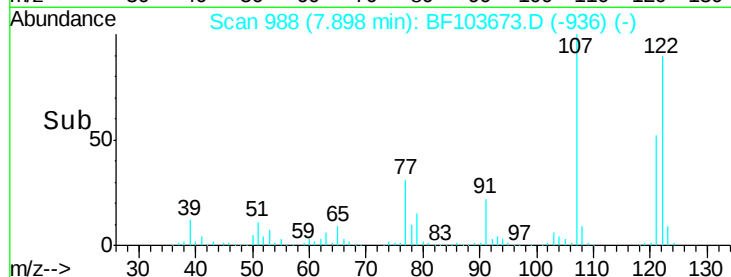
121 57.5 47.2 70.8



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: 72.365 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

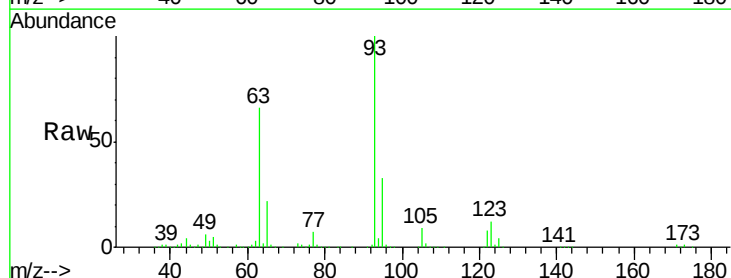
Tgt Ion: 93 Resp: 925237

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

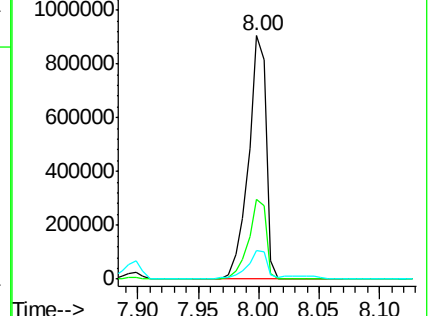
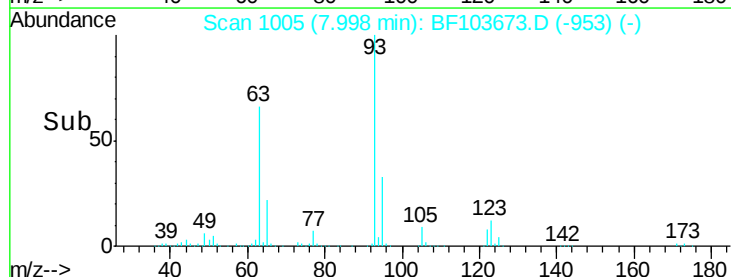
123 12.0 9.8 14.6



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: 74.866 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Instrument :

BNA_F

ClientSampleId :

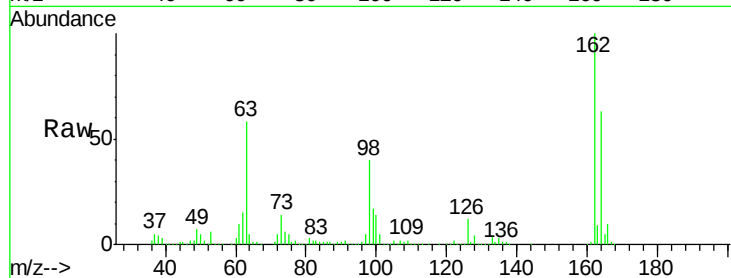
Tot Ion:162 Resp: 627021

Ion Ratio Lower Upper

162 100

164 63.3 42.7 82.7

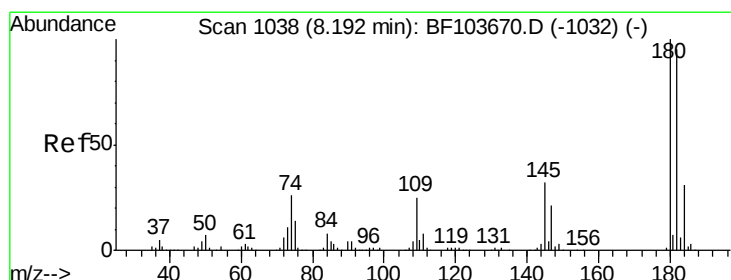
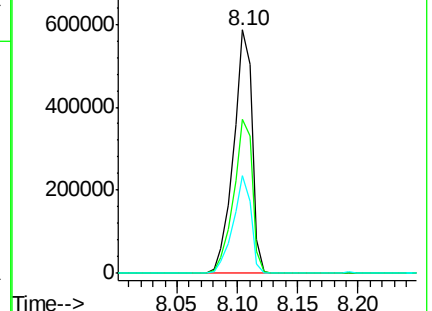
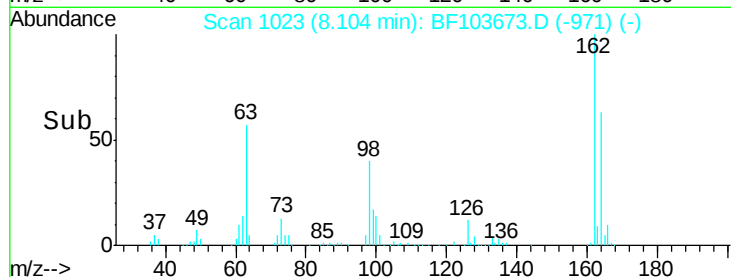
98 40.4 18.1 58.1



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: 75.199 ng

RT: 8.19 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

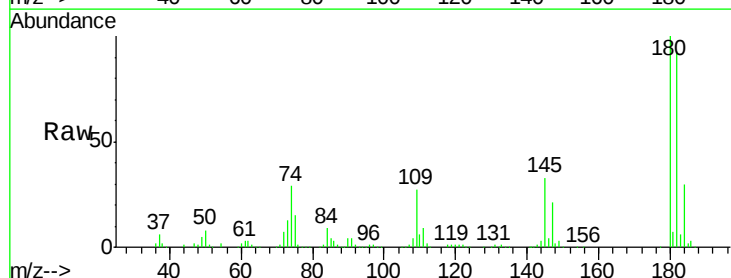
Tgt Ion:180 Resp: 670677

Ion Ratio Lower Upper

180 100

182 93.3 76.8 115.2

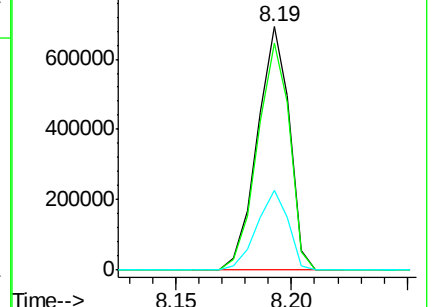
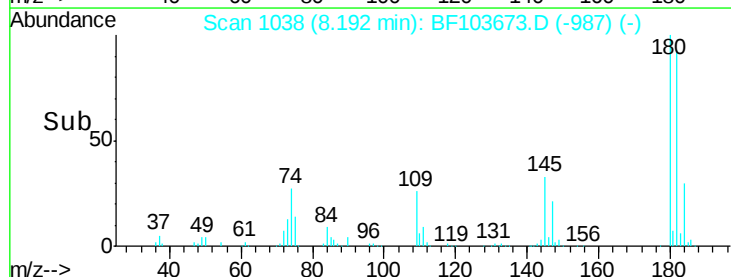
145 33.0 26.5 39.7

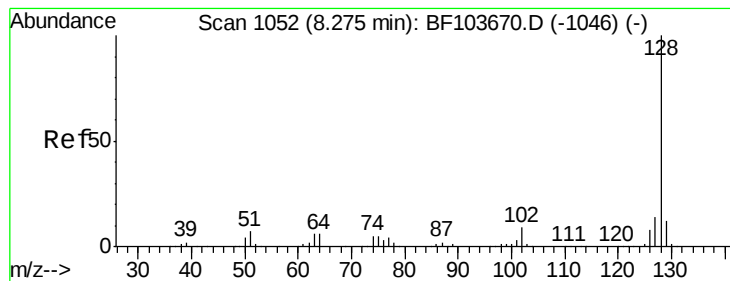


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 70.079 ng

RT: 8.28 min Scan# 1053

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Instrument :

BNA_F

ClientSampled :

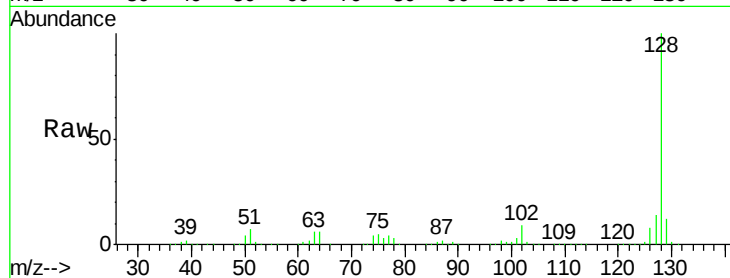
Tot Ion:128 Resp: 2163435

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

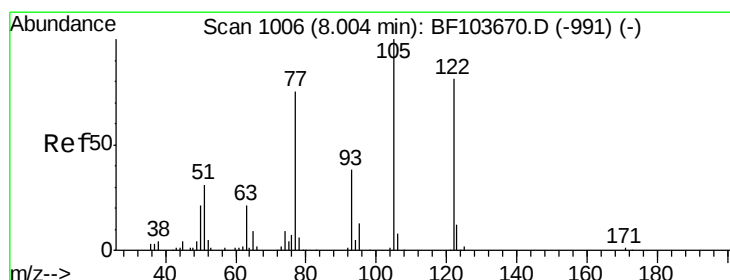
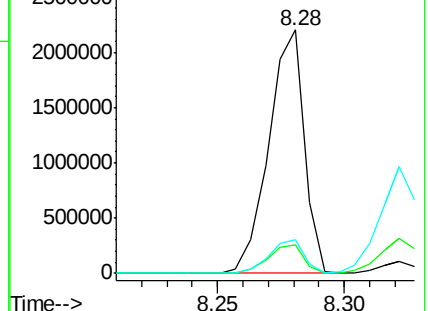
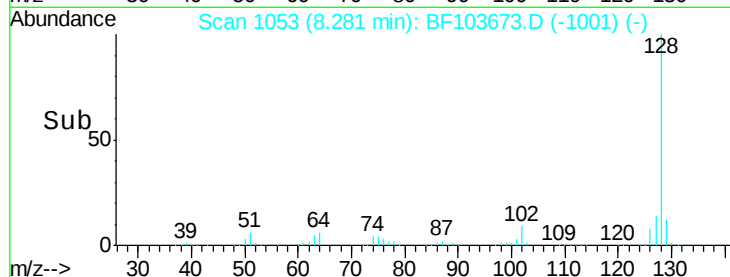
127 14.0 10.9 16.3



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: 85.066 ng

RT: 8.05 min Scan# 1013

Delta R.T. 0.04 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

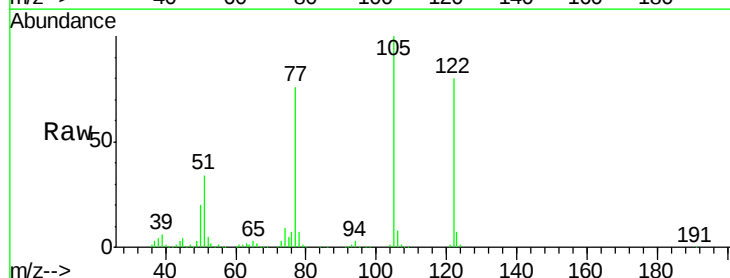
Tgt Ion:122 Resp: 491202

Ion Ratio Lower Upper

122 100

105 124.8 101.1 141.1

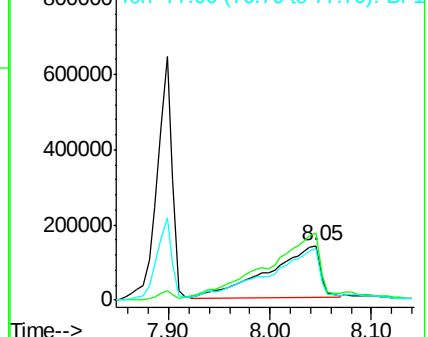
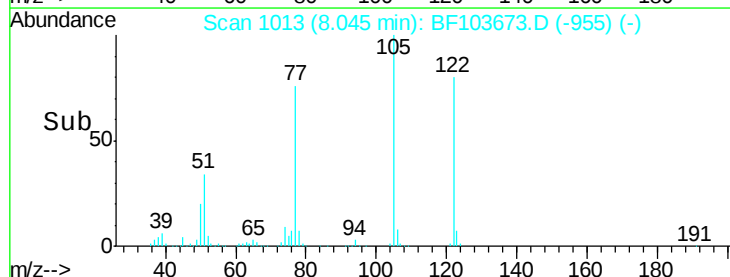
77 94.8 70.7 110.7

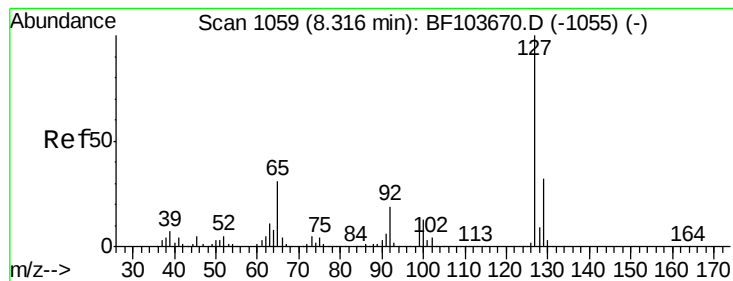


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 71.006 ng

RT: 8.32 min Scan# 1060

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 945925

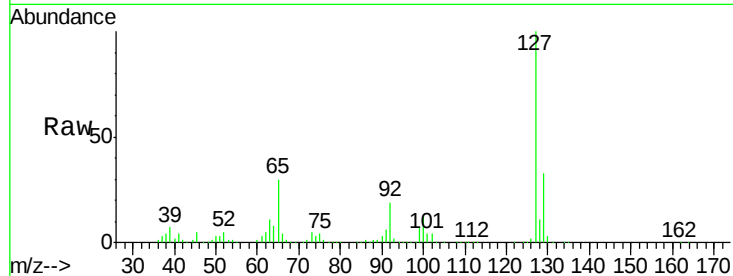
Ion Ratio Lower Upper

127 100

129 32.8 25.9 38.9

65 30.5 25.0 37.4

92 19.4 15.2 22.8

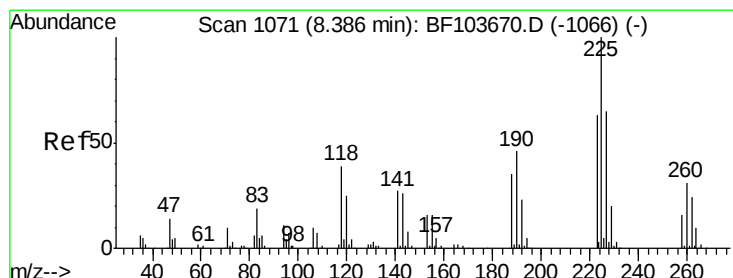
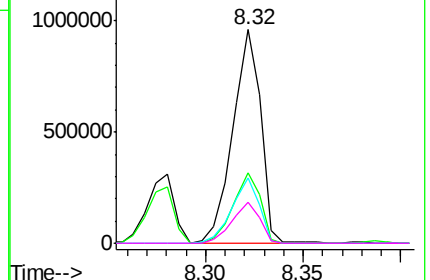
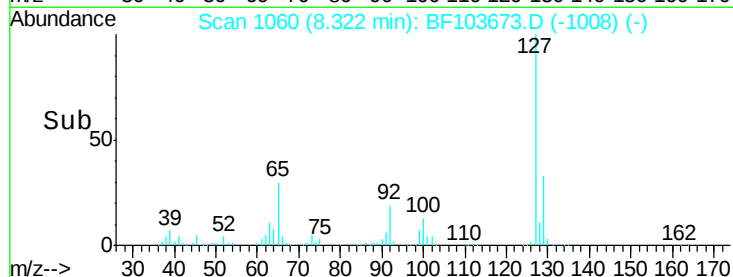


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 76.843 ng

RT: 8.39 min Scan# 1071

Delta R.T. 0.00 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

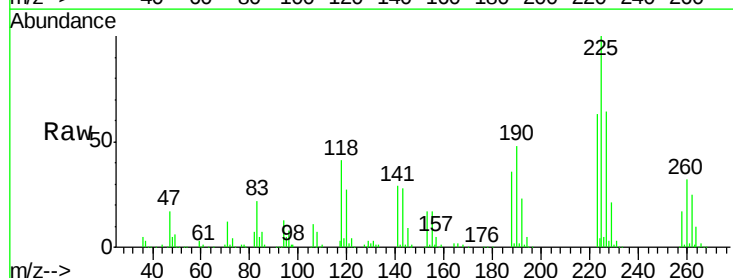
Tgt Ion:225 Resp: 356884

Ion Ratio Lower Upper

225 100

223 63.2 50.6 76.0

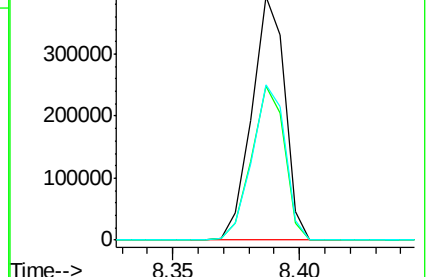
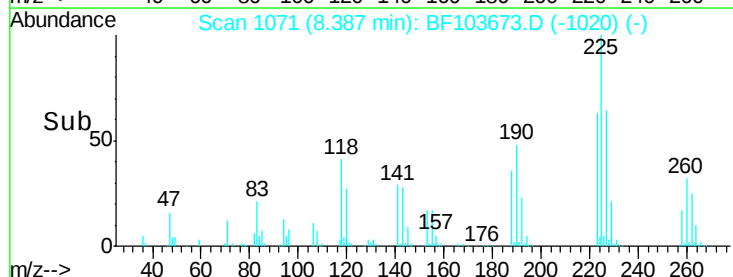
227 63.6 51.9 77.9

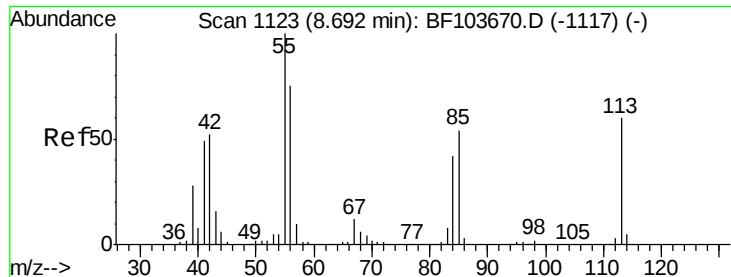


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

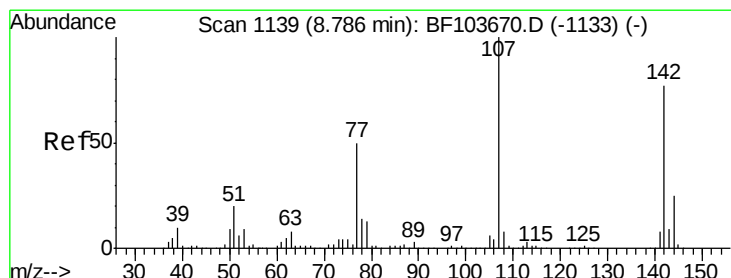
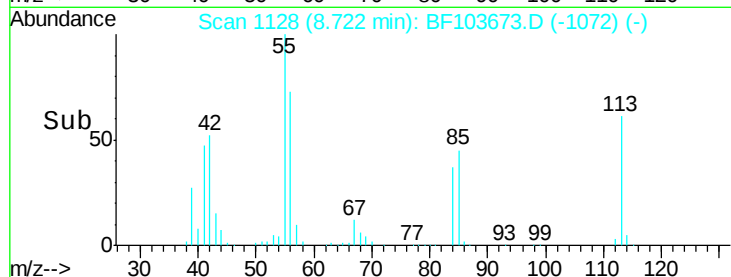
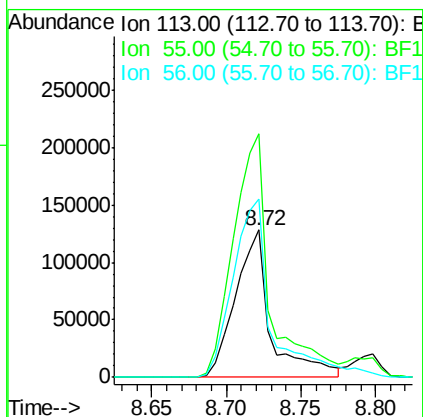
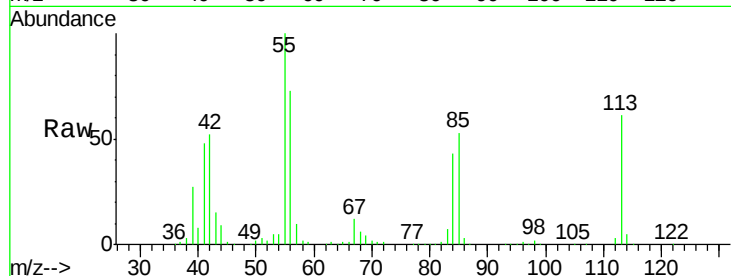




#35
Caprolactam
Concen: 71.874 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.03 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

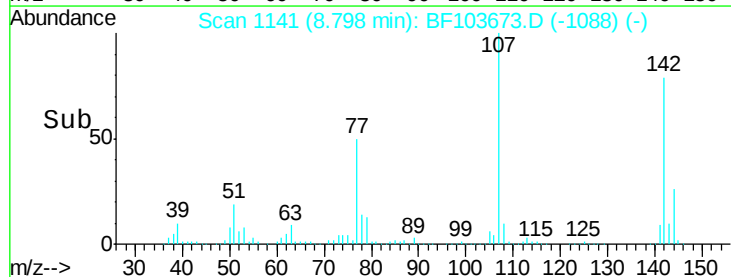
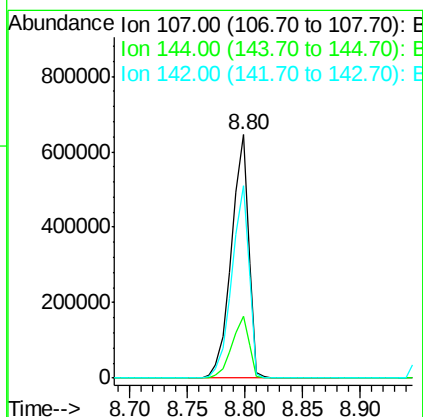
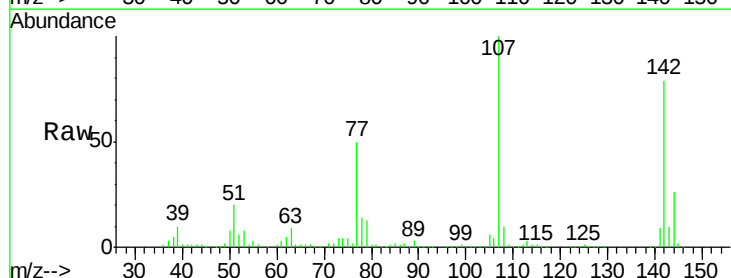
Instrument :
BNA_F
ClientSampleId :

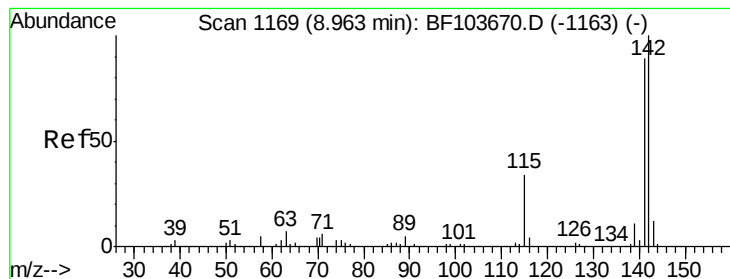
Tot Ion:113 Resp: 211562
Ion Ratio Lower Upper
113 100
55 165.2 163.3 203.3
56 120.9 115.7 155.7



#36
4-Chloro-3-methylphenol
Concen: 70.900 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.01 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Tgt Ion:107 Resp: 669761
Ion Ratio Lower Upper
107 100
144 25.6 20.5 30.7
142 78.8 62.0 93.0

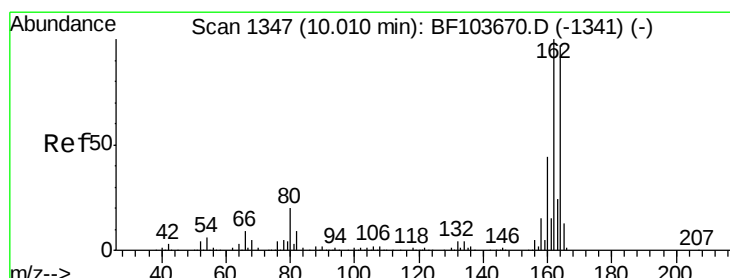
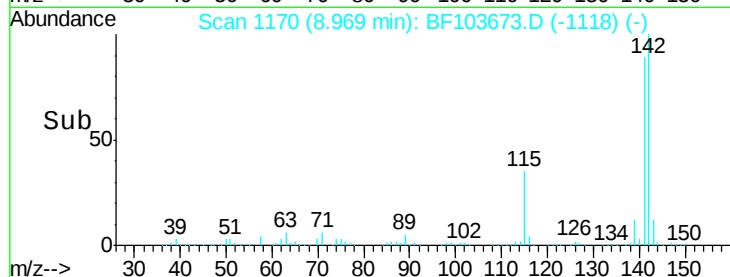
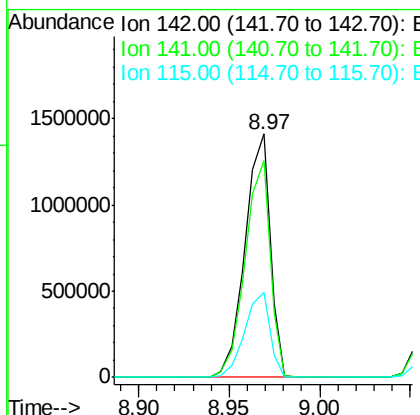
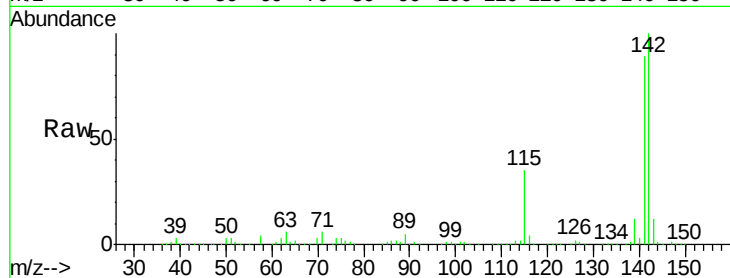




#37
 2-Methylnaphthalene
 Concen: 68.461 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.01 min
 Lab File: BF103673.D
 Acq: 15 Mar 2018 17:00

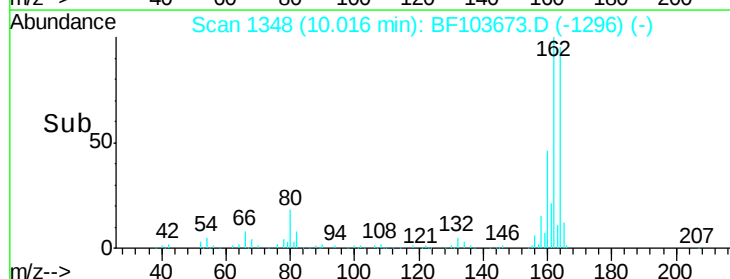
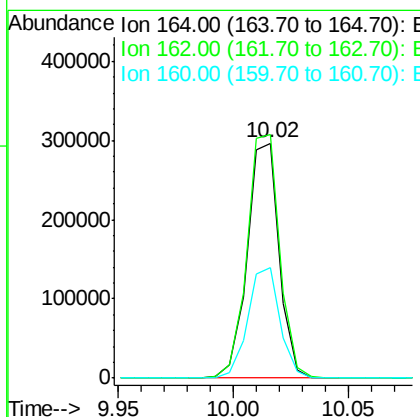
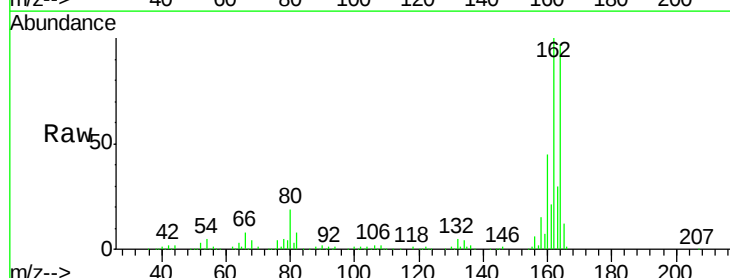
Instrument :
 BNA_F
 ClientSampleId :

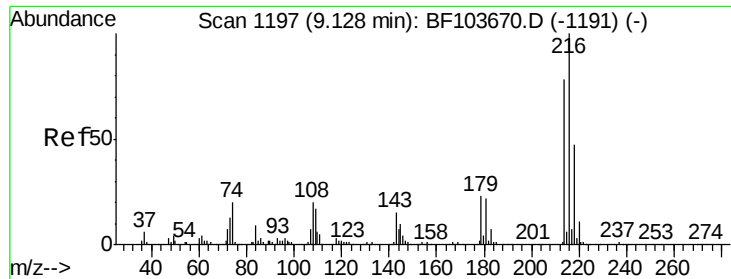
Tot Ion:142 Resp: 1365913
 Ion Ratio Lower Upper
 142 100
 141 89.2 70.8 106.2
 115 35.0 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.01 min
 Lab File: BF103673.D
 Acq: 15 Mar 2018 17:00

Tgt Ion:164 Resp: 286082
 Ion Ratio Lower Upper
 164 100
 162 103.6 86.1 129.1
 160 47.1 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 72.352 ng

RT: 9.13 min Scan# 1198

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 565855

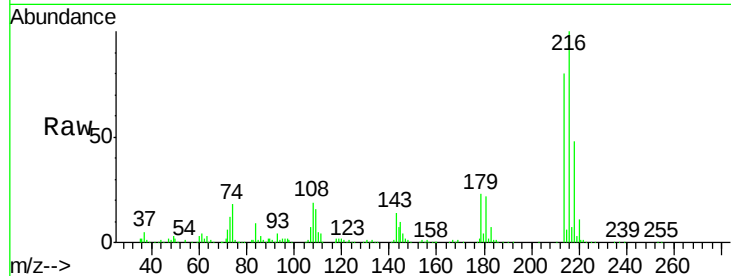
Ion Ratio Lower Upper

216 100

214 80.2 63.0 94.4

179 23.3 18.1 27.1

108 22.9 17.2 25.8

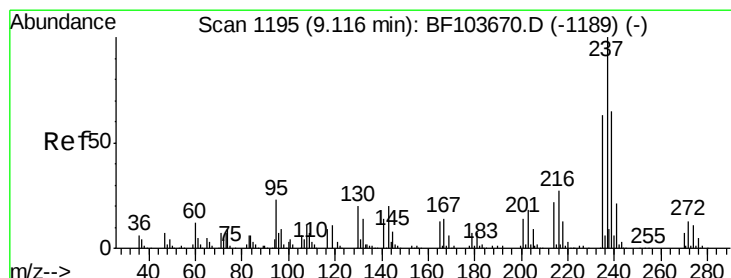
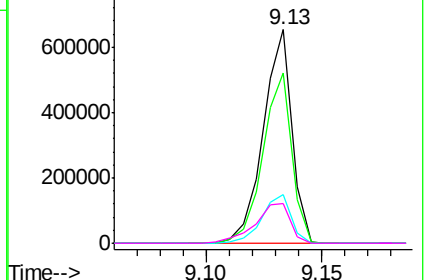
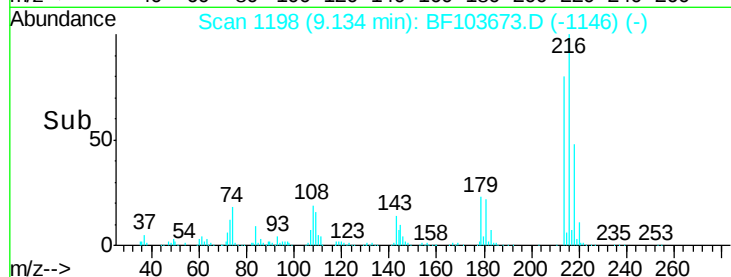


Abundance Ion 216.00 (215.70 to 216.70): E

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: 163.312 ng

RT: 9.12 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

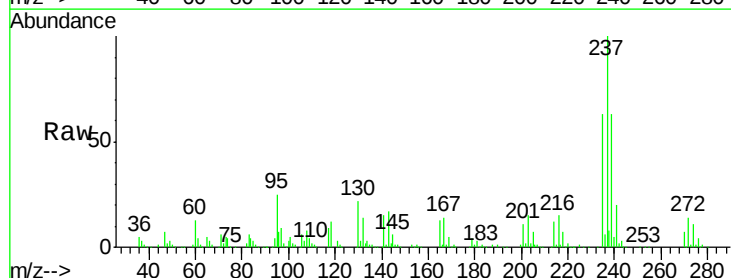
Tgt Ion:237 Resp: 354748

Ion Ratio Lower Upper

237 100

235 62.6 44.8 84.8

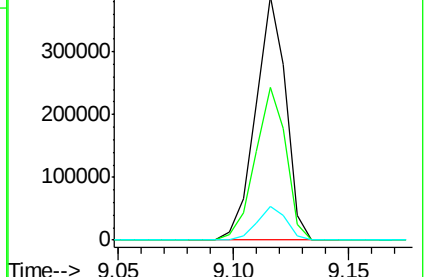
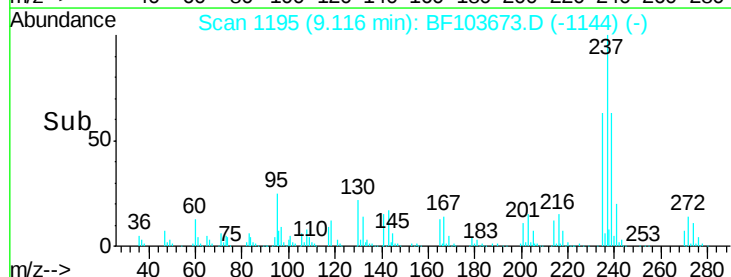
272 13.8 0.0 33.3

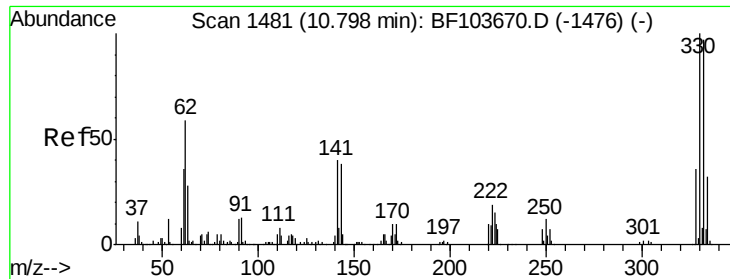


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

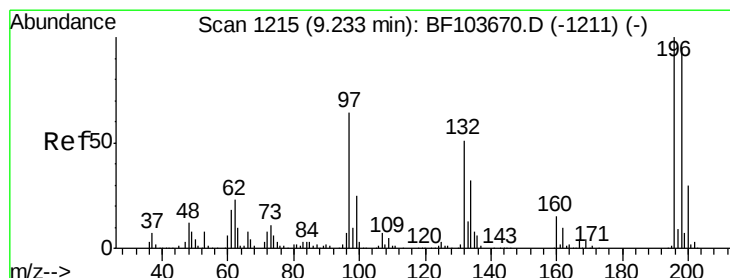
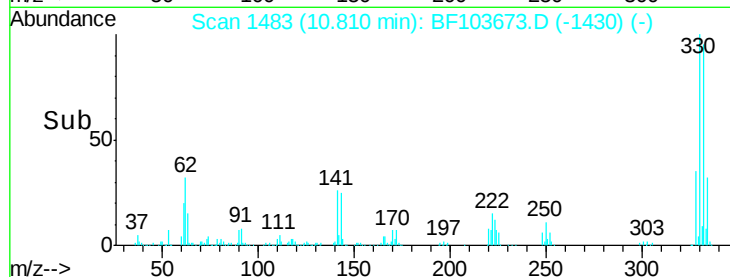
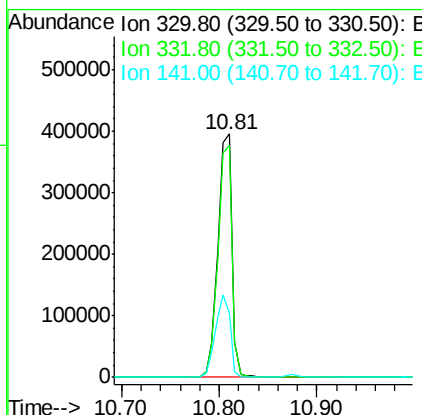
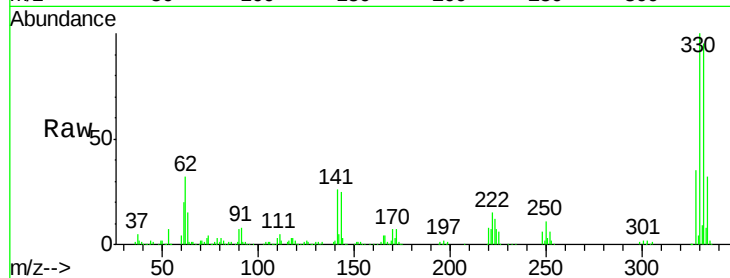




#41
 2,4,6-Tribromophenol
 Concen: 163.648 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: BF103673.D
 Acq: 15 Mar 2018 17:00

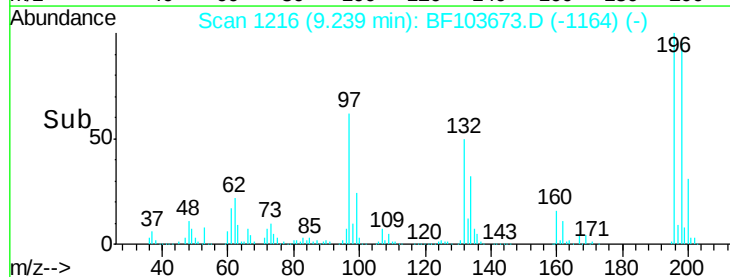
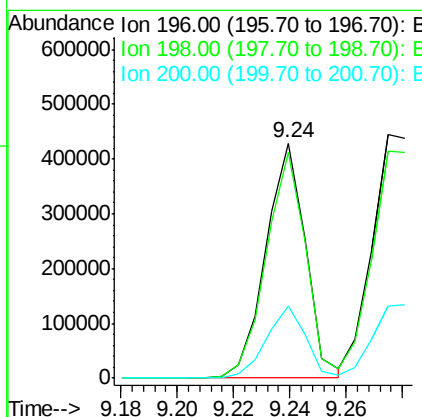
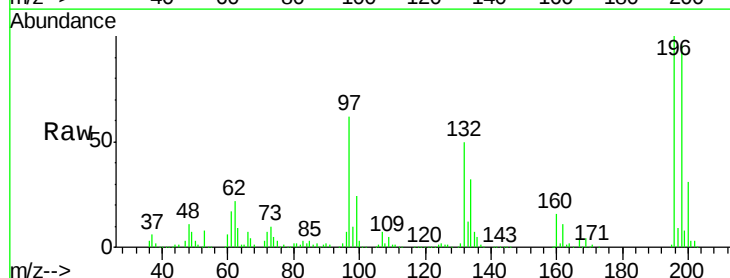
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 396278
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 35.4 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 79.352 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.01 min
 Lab File: BF103673.D
 Acq: 15 Mar 2018 17:00

Tgt Ion:196 Resp: 417590
 Ion Ratio Lower Upper
 196 100
 198 95.9 75.7 113.5
 200 30.8 24.5 36.7

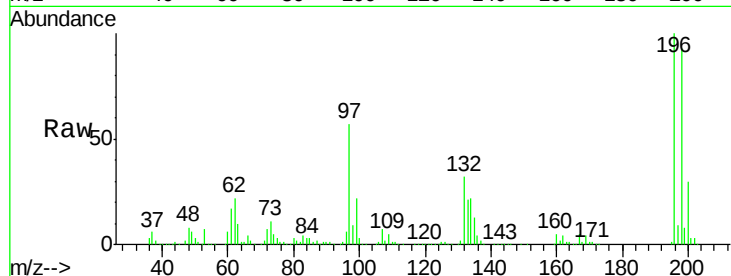




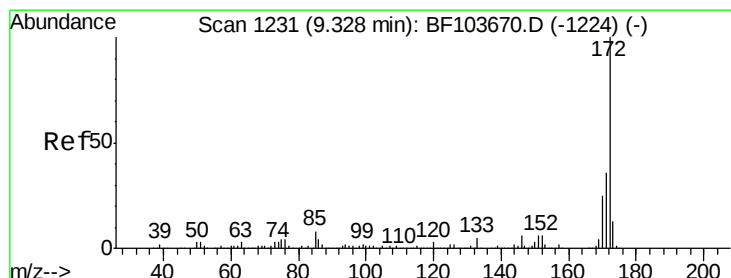
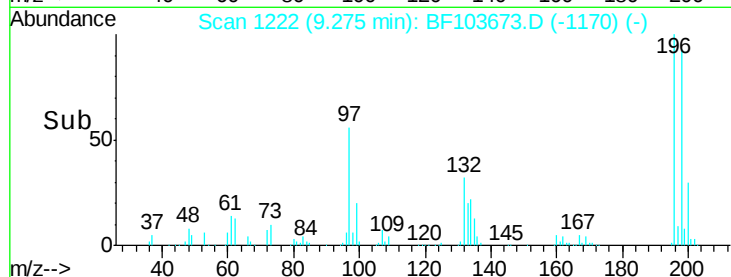
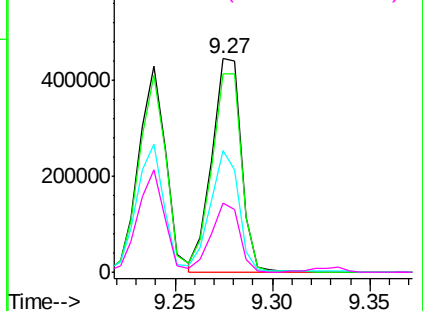
#43
2,4,5-Trichlorophenol
Concen: 76.894 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.01 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 465410
Ion Ratio Lower Upper
196 100
198 93.1 74.6 112.0
97 56.7 42.9 64.3
132 32.1 26.3 39.5

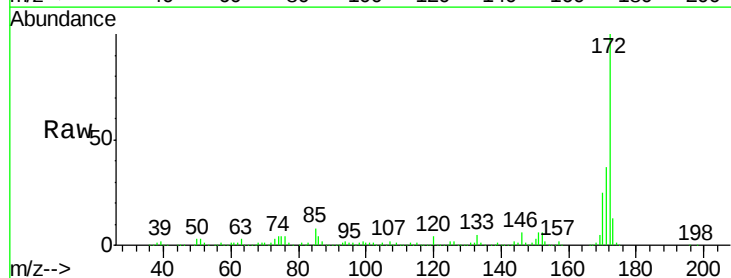


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

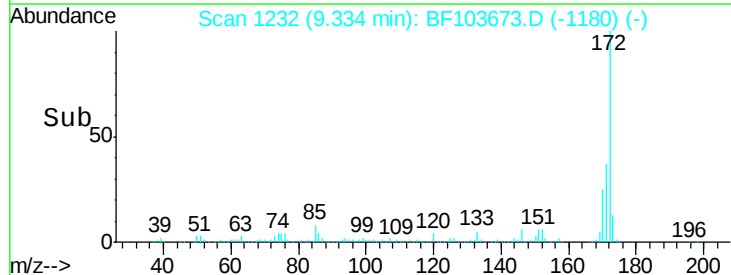
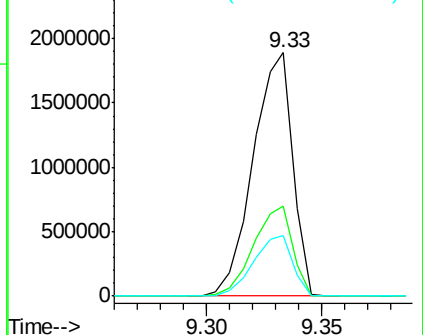


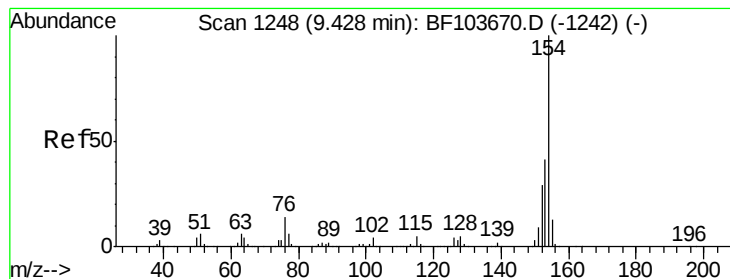
#44
2-Fluorobiphenyl
Concen: 133.968 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.01 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Tgt Ion:172 Resp: 2254572
Ion Ratio Lower Upper
172 100
171 36.8 29.7 44.5
170 24.8 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: 67.970 ng

RT: 9.43 min Scan# 1249

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Instrument :

BNA_F

ClientSampleId :

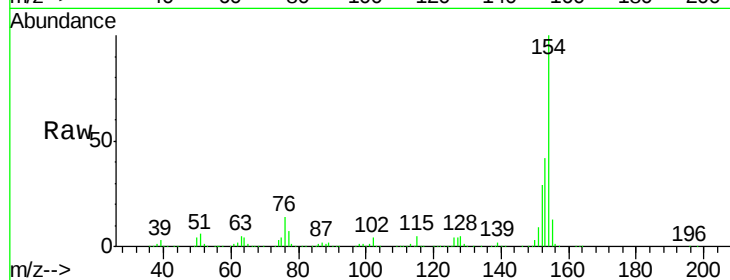
Tot Ion:154 Resp: 1629400

Ion Ratio Lower Upper

154 100

153 41.6 21.3 61.3

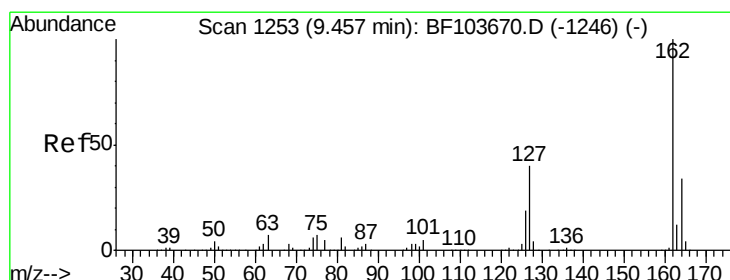
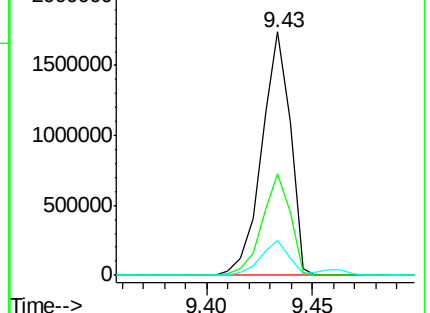
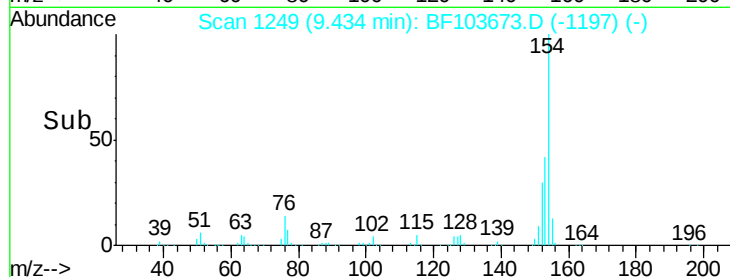
76 14.3 0.0 34.0



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: 70.387 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

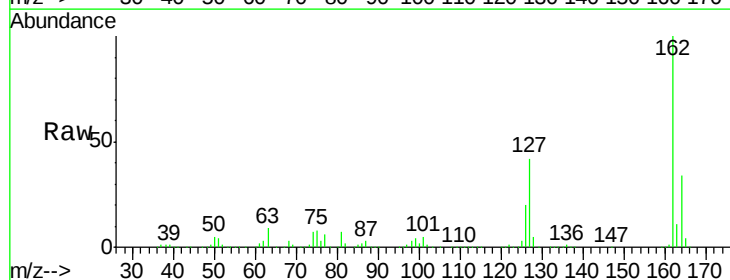
Tgt Ion:162 Resp: 1334907

Ion Ratio Lower Upper

162 100

127 41.9 33.9 50.9

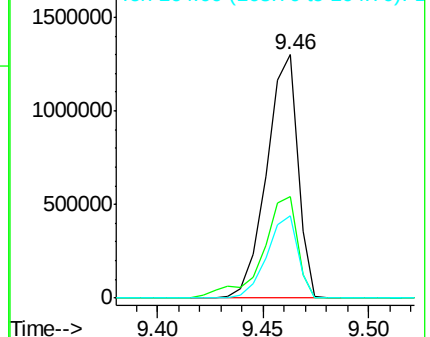
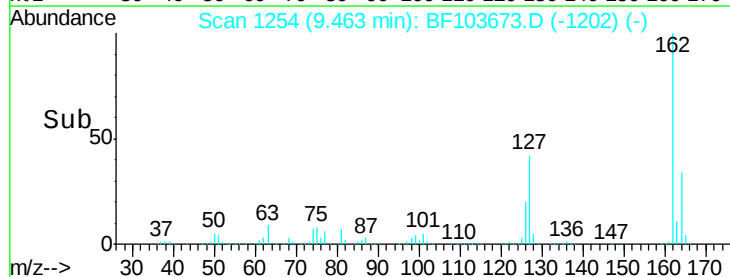
164 34.0 26.5 39.7

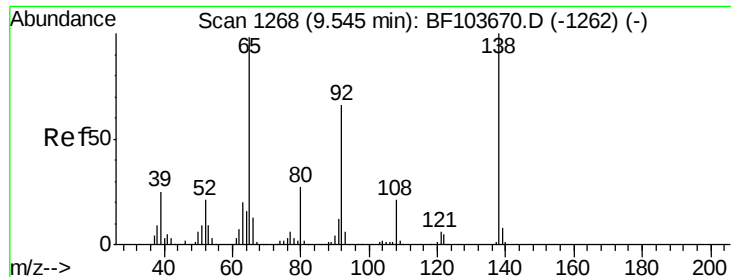


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

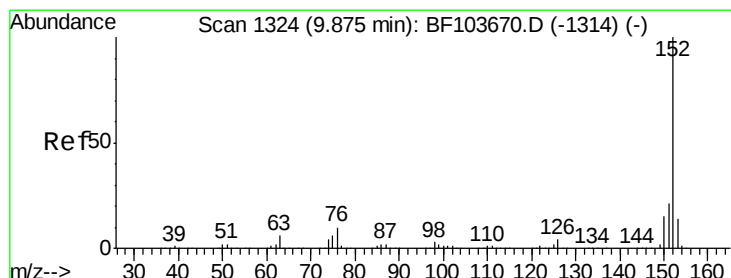
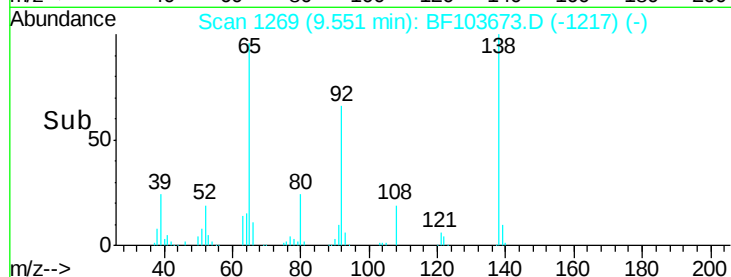
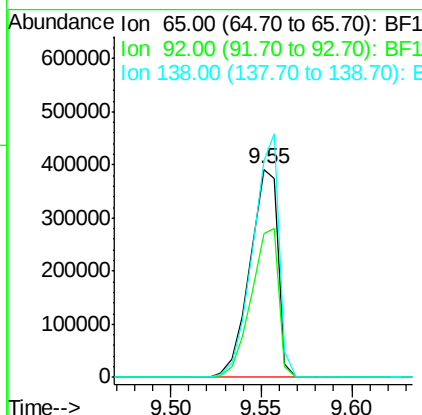
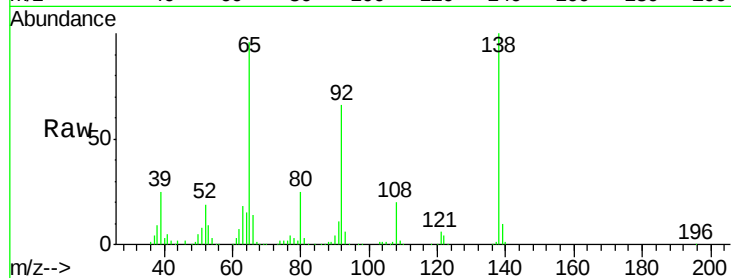




#47
2-Nitroaniline
Concen: 60.223 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.01 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

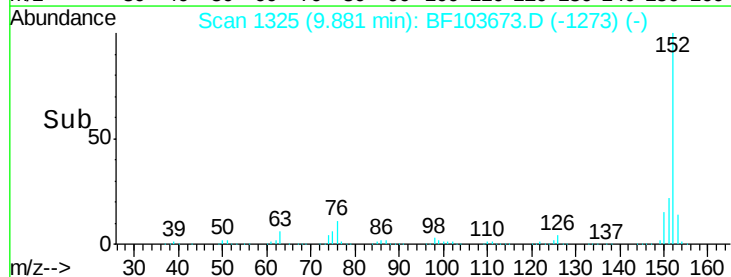
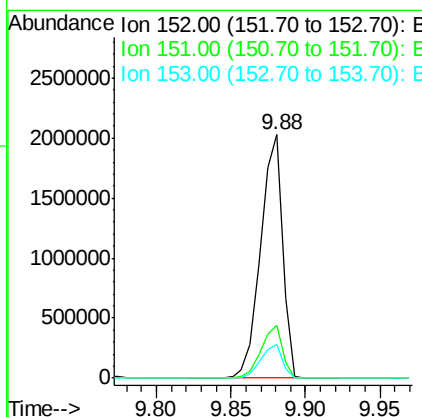
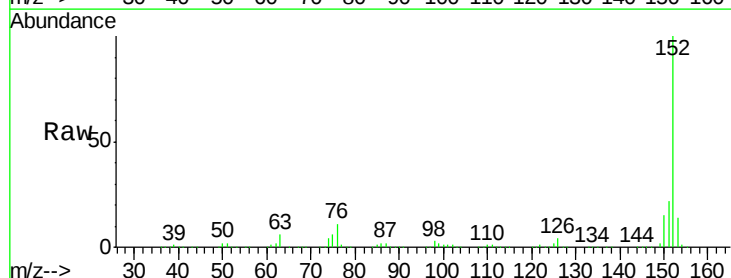
Instrument :
BNA_F
ClientSampleId :

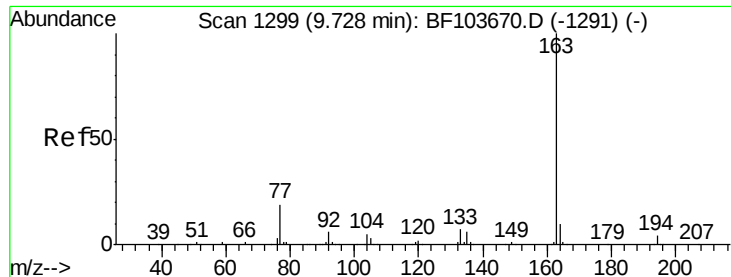
Tot Ion: 65 Resp: 423075
Ion Ratio Lower Upper
65 100
92 69.2 55.8 83.6
138 104.1 91.2 136.8



#48
Acenaphthylene
Concen: 69.701 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Tgt Ion: 152 Resp: 2033893
Ion Ratio Lower Upper
152 100
151 21.6 16.3 24.5
153 13.7 10.7 16.1

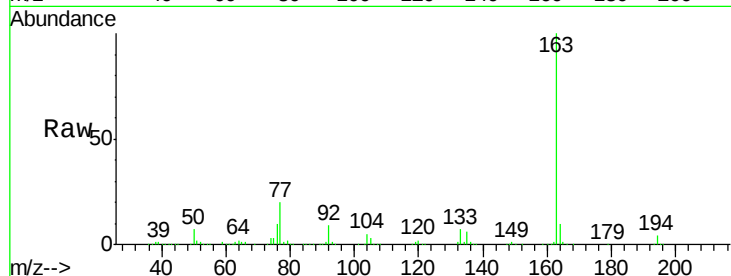




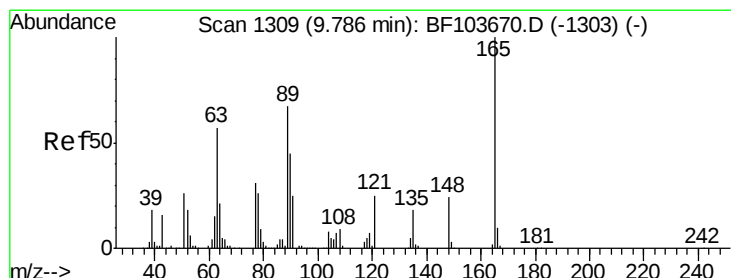
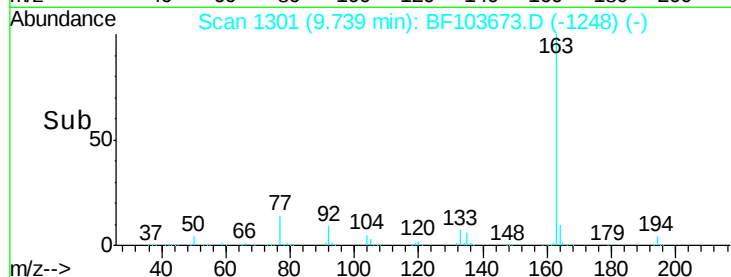
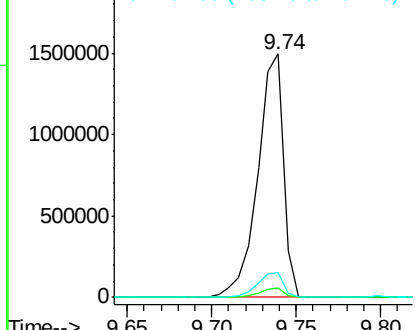
#49
Dimethylphthalate
Concen: 69.099 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1585820
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.2 8.2 12.2

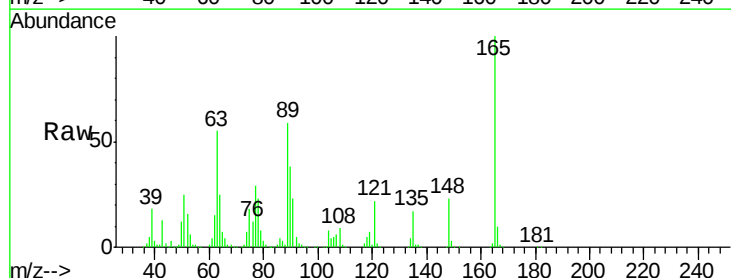


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

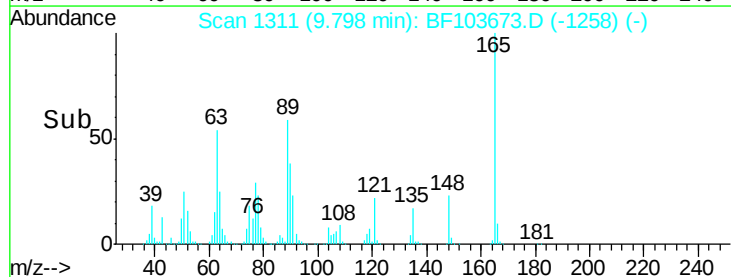
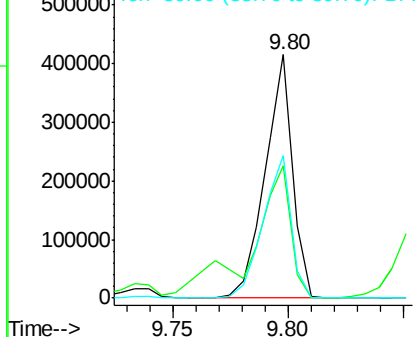


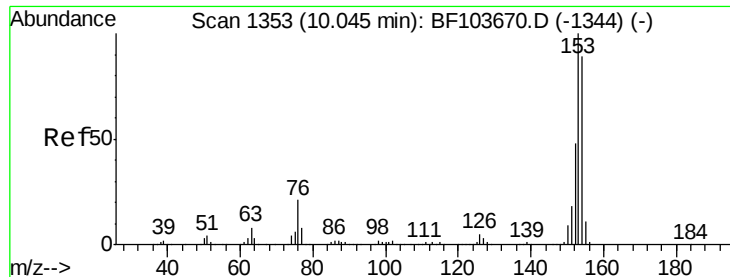
#50
2,6-Dinitrotoluene
Concen: 71.198 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Tgt Ion:165 Resp: 342897
Ion Ratio Lower Upper
165 100
63 54.6 44.7 67.1
89 58.8 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: 71.974 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Instrument :

BNA_F

ClientSampleId :

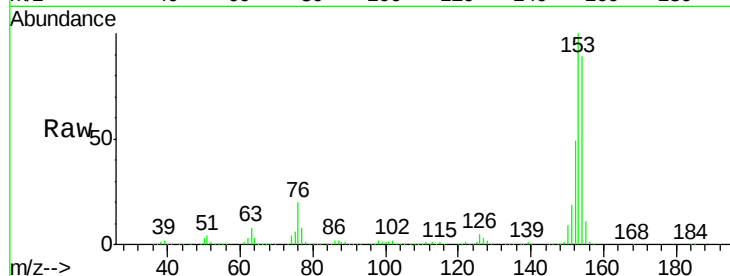
Tot Ion:154 Resp: 1224661

Ion Ratio Lower Upper

154 100

153 113.0 91.2 136.8

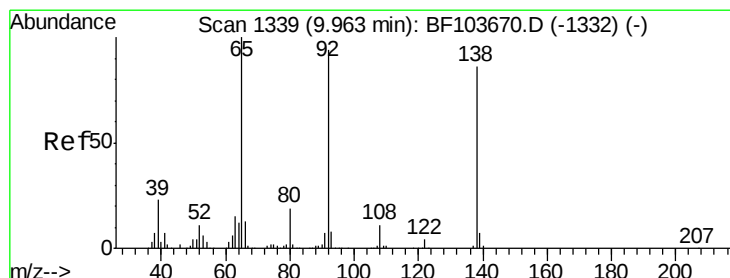
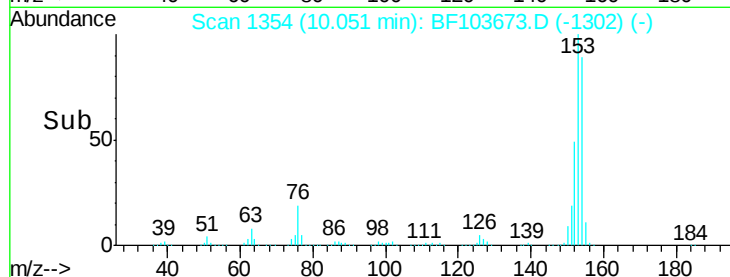
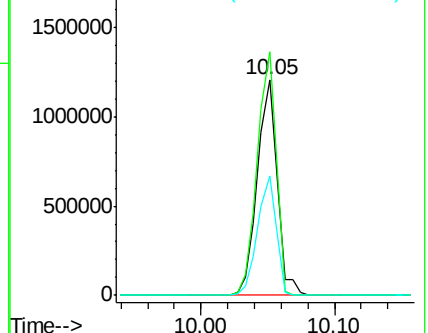
152 55.5 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 67.949 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

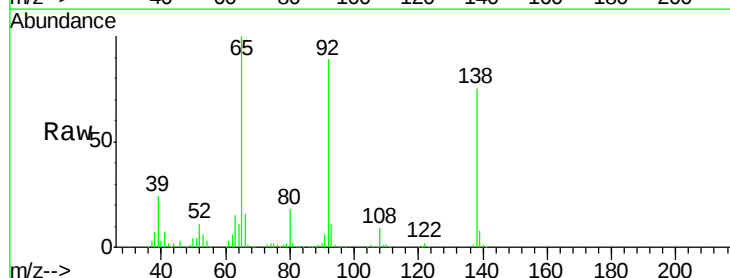
Tgt Ion:138 Resp: 415189

Ion Ratio Lower Upper

138 100

108 11.5 9.4 14.0

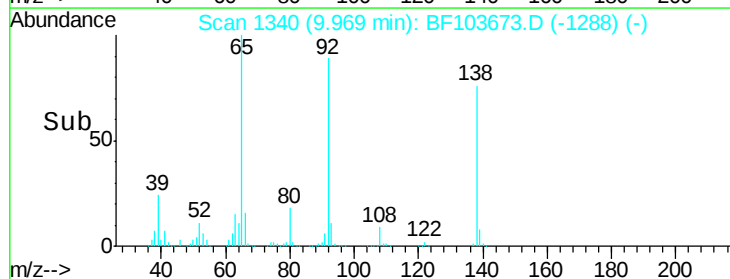
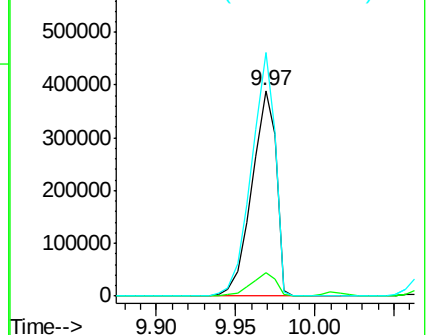
92 118.3 89.4 134.2

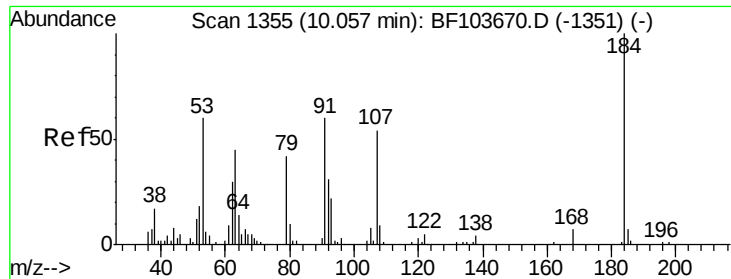


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

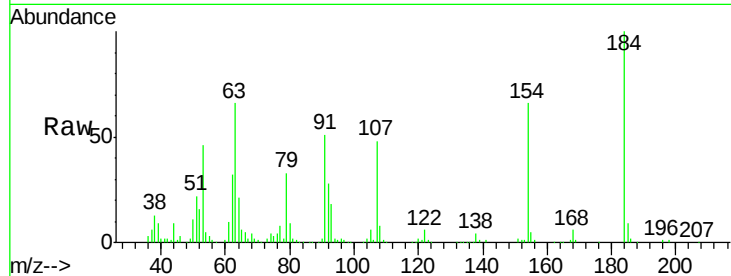




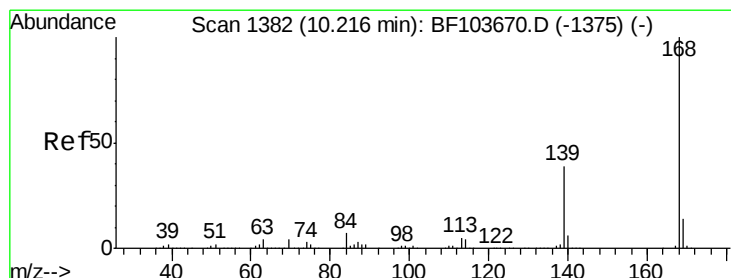
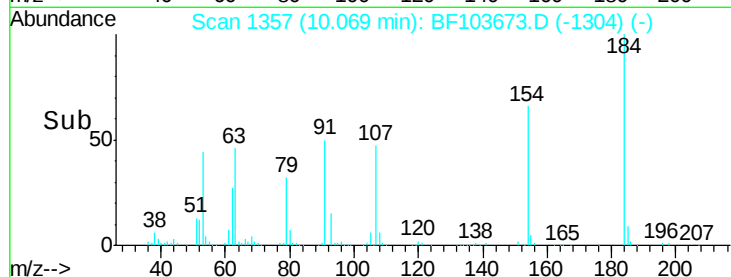
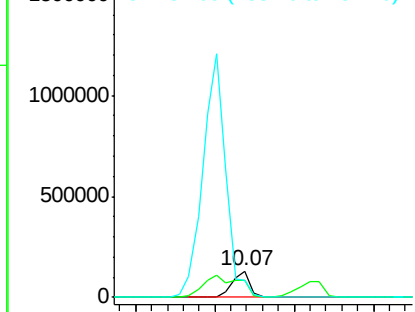
#53
2,4-Dinitrophenol
Concen: 77.523 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 103711
Ion Ratio Lower Upper
184 100
63 66.0 54.2 81.2
154 65.7 184.0 276.0#

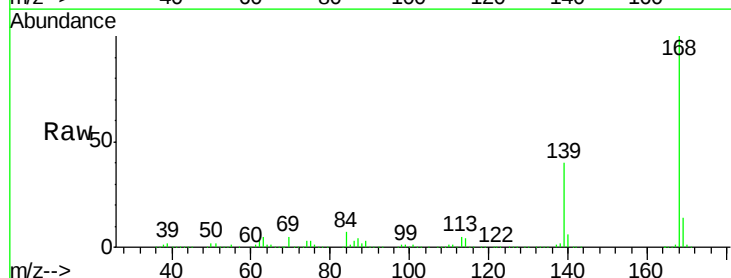


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

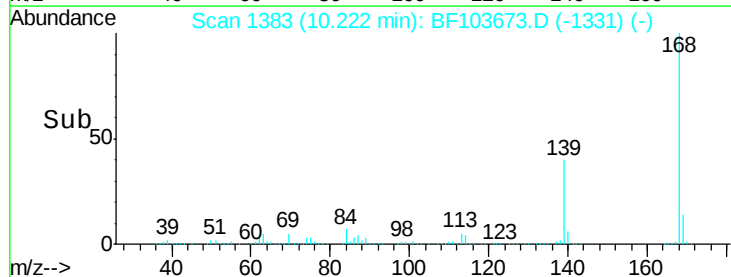
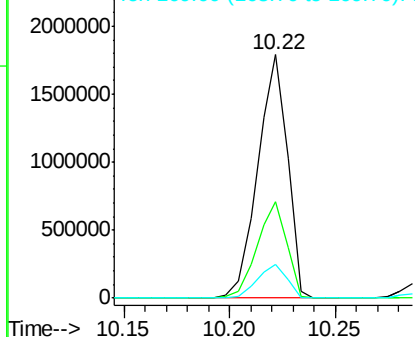


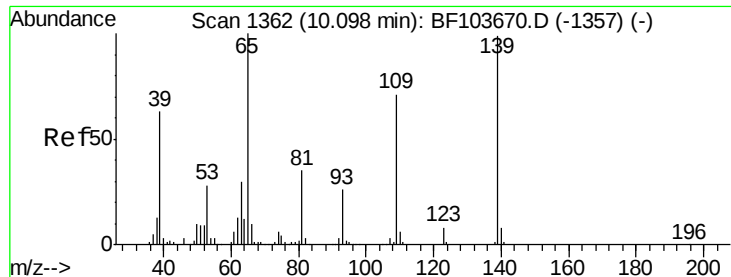
#54
Dibenzofuran
Concen: 74.655 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Tgt Ion:168 Resp: 1743764
Ion Ratio Lower Upper
168 100
139 39.7 30.1 45.1
169 13.8 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: 83.770 ng

RT: 10.12 min Scan# 1365

Delta R.T. 0.02 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Instrument :

BNA_F

ClientSampled :

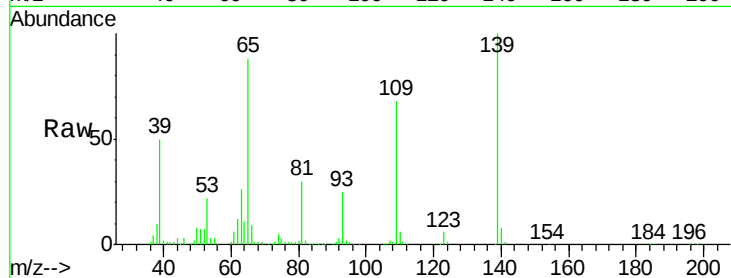
Tot Ion:139 Resp: 317240

Ion Ratio Lower Upper

139 100

109 67.9 48.4 88.4

65 87.7 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

800000

600000

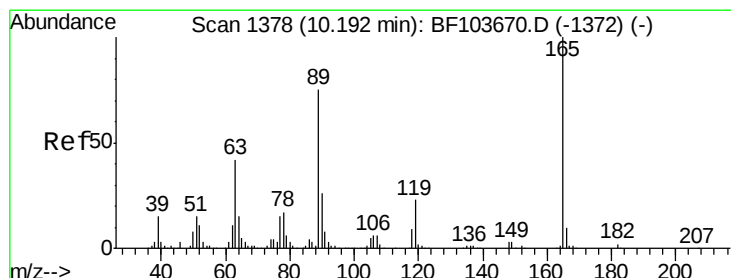
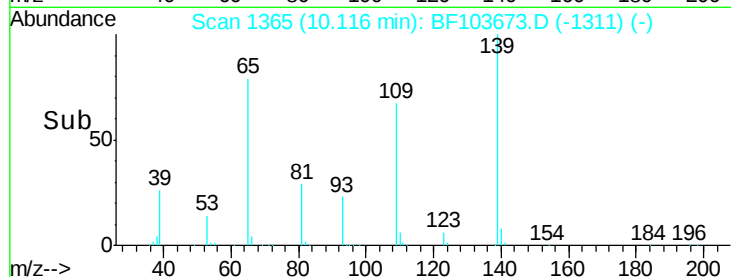
400000

200000

0

10.05 10.10 10.15 10.20

Time-->



#56

2,4-Dinitrotoluene

Concen: 74.204 ng

RT: 10.20 min Scan# 1380

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Tgt Ion:165 Resp: 451985

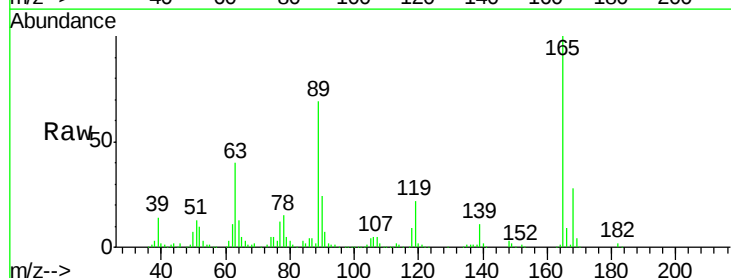
Ion Ratio Lower Upper

165 100

63 40.1 36.4 54.6

89 69.3 57.8 86.6

182 2.4 1.6 2.4#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

600000

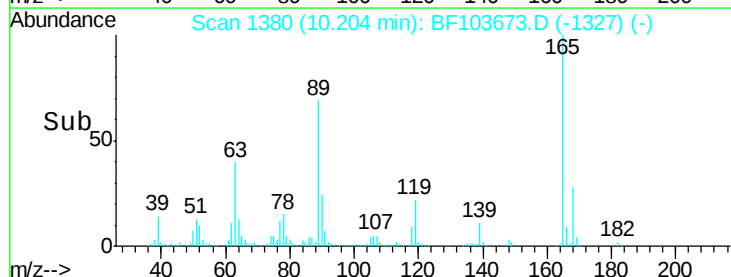
400000

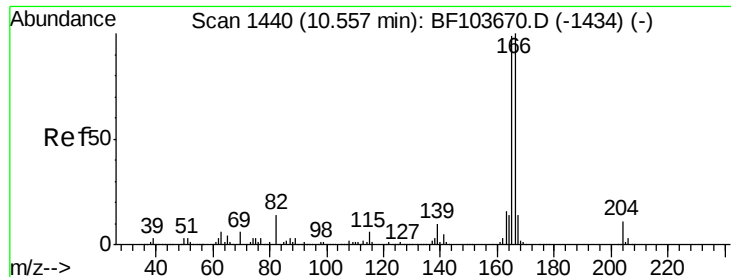
200000

0

10.15 10.20 10.25

Time-->





#57

Fluorene

Concen: 63.924 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Instrument :

BNA_F

ClientSampleId :

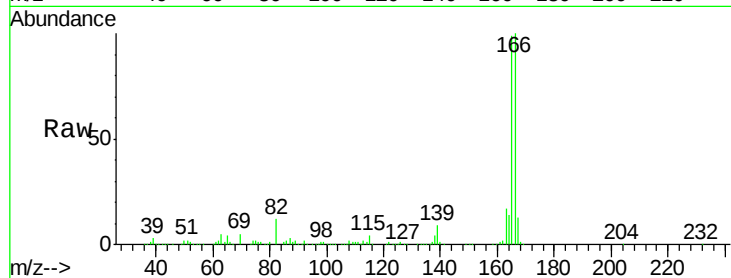
Tot Ion:166 Resp: 1271921

Ion Ratio Lower Upper

166 100

165 99.0 79.8 119.8

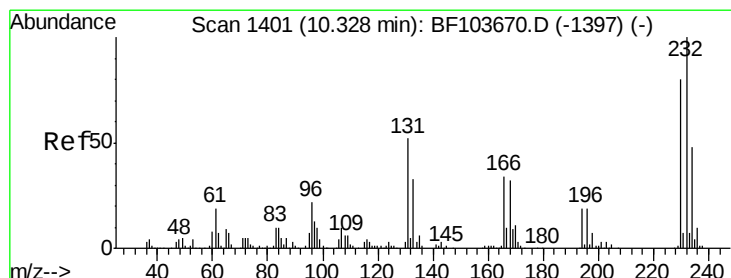
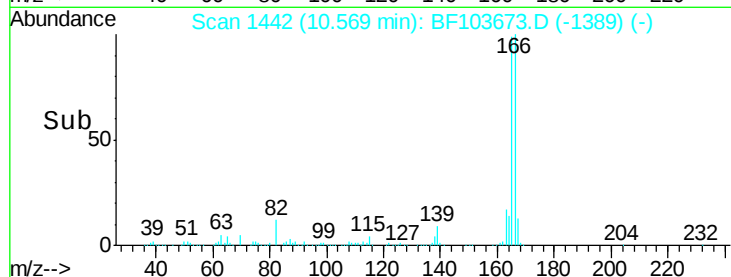
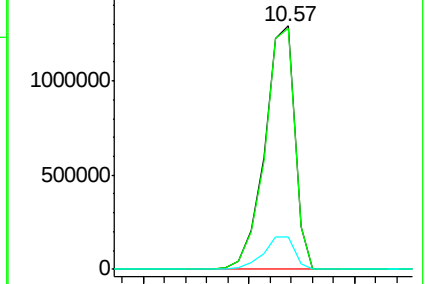
167 13.3 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 82.843 ng

RT: 10.33 min Scan# 1402

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Tgt Ion:232 Resp: 336837

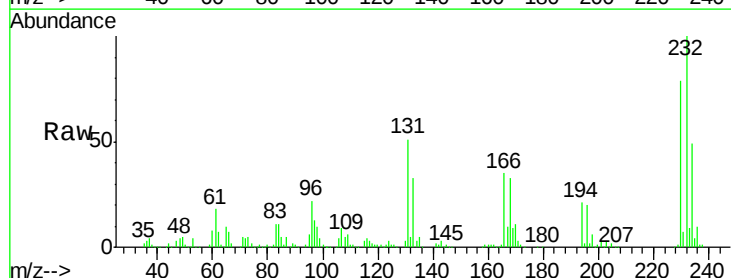
Ion Ratio Lower Upper

232 100

131 53.1 43.8 65.8

130 2.7 2.1 3.1

166 34.5 27.8 41.6

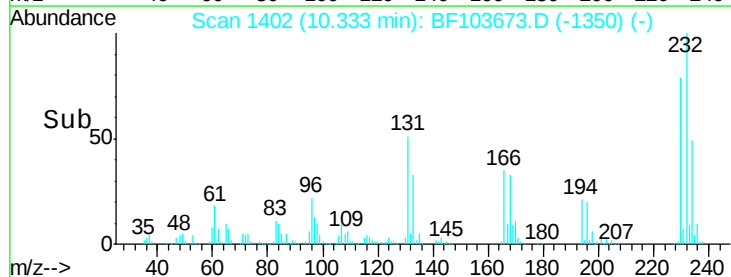
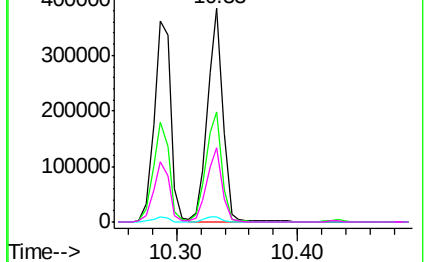


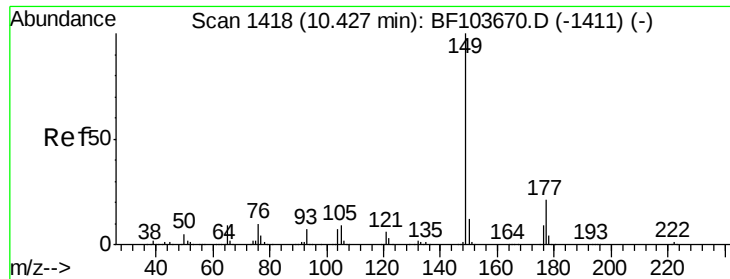
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

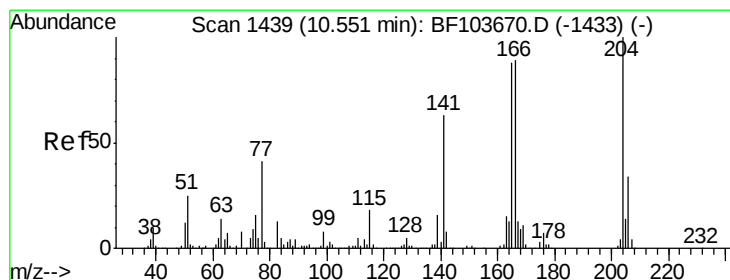
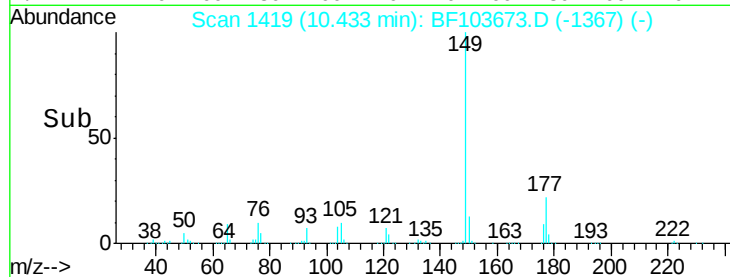
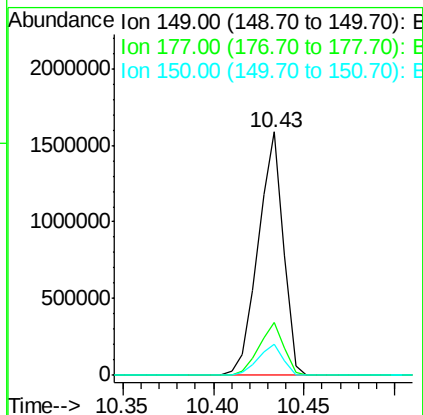
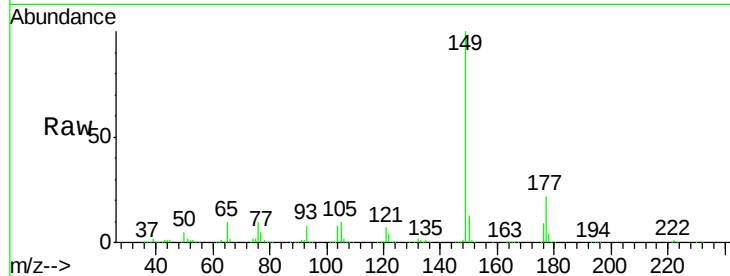




#59
Diethylphthalate
Concen: 69.844 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

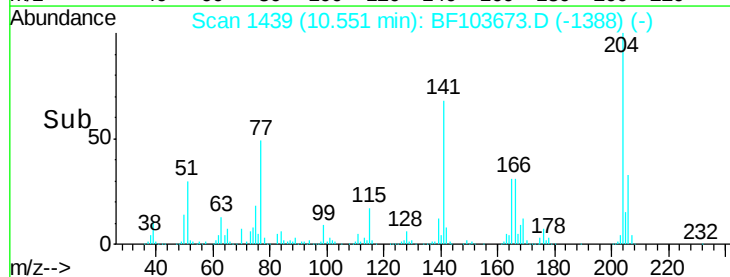
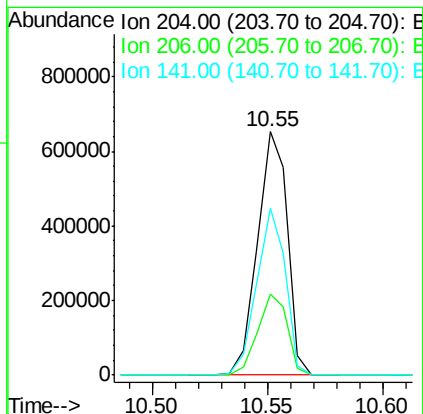
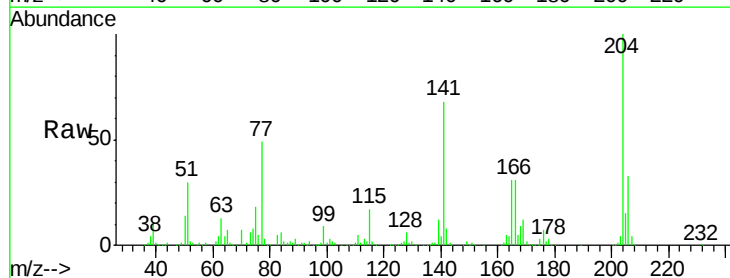
Instrument :
BNA_F
ClientSampleId :

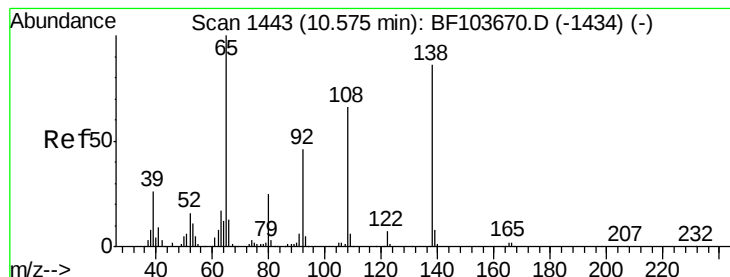
Tot Ion:149 Resp: 1533067
Ion Ratio Lower Upper
149 100
177 21.6 16.1 24.1
150 12.7 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 69.669 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Tgt Ion:204 Resp: 587854
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 68.4 54.6 81.8





#61

4-Nitroaniline

Concen: 65.319 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.02 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Instrument :

BNA_F

ClientSampled :

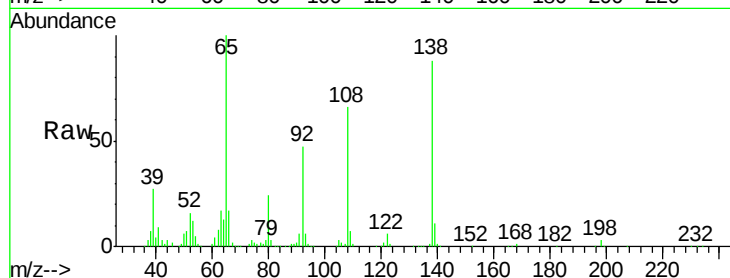
Tot Ion:138 Resp: 398648

Ion Ratio Lower Upper

138 100

92 52.8 30.2 70.2

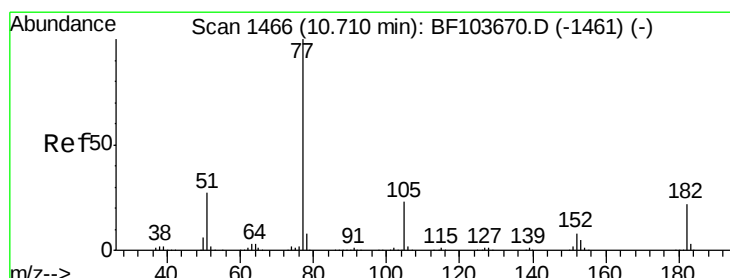
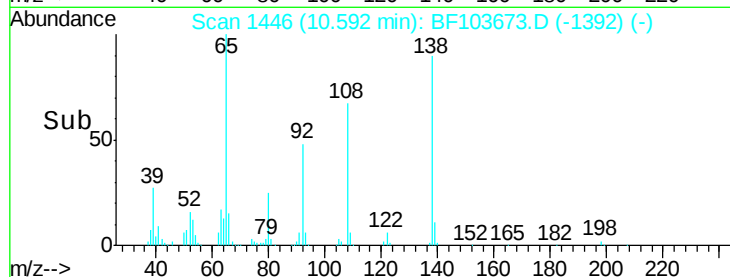
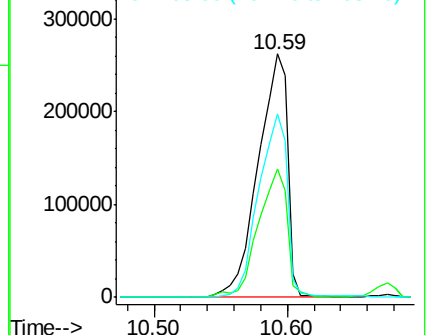
108 75.5 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 68.710 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Tgt Ion: 77 Resp: 1535135

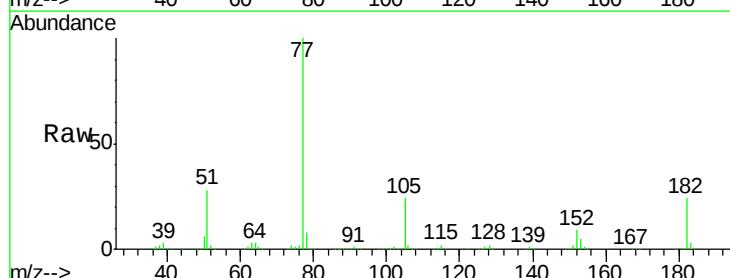
Ion Ratio Lower Upper

77 100

182 24.1 1.7 41.7

105 24.2 3.0 43.0

51 27.6 9.9 49.9

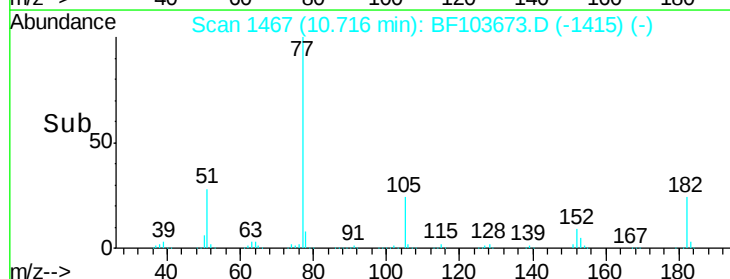
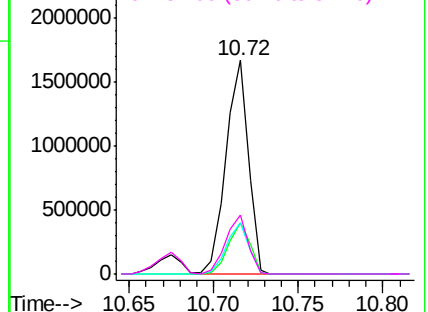


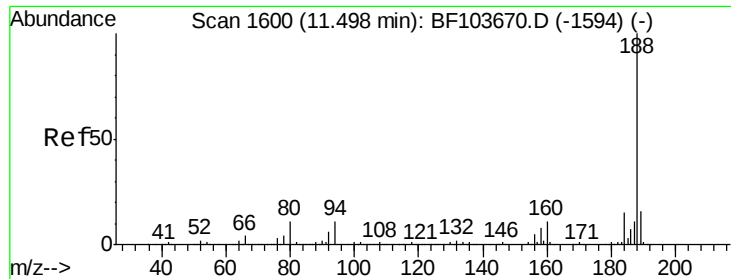
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

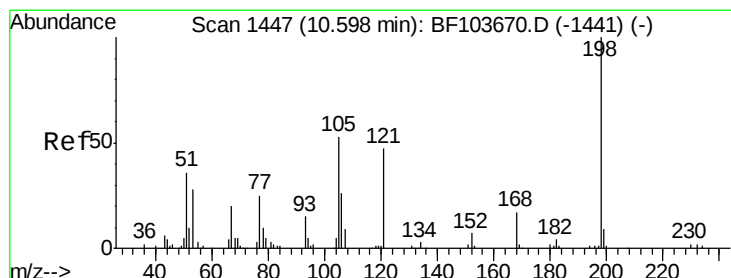
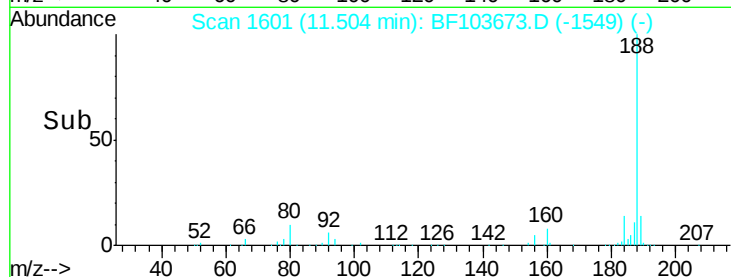
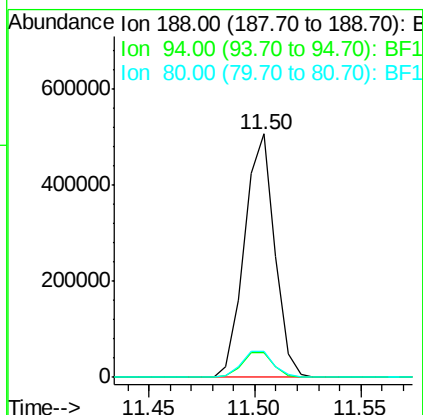
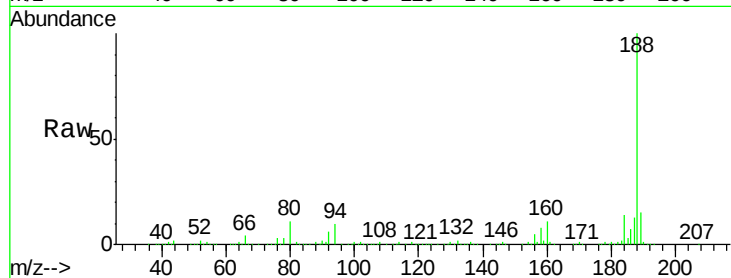




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

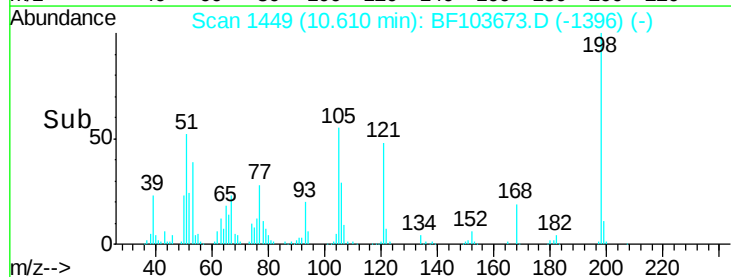
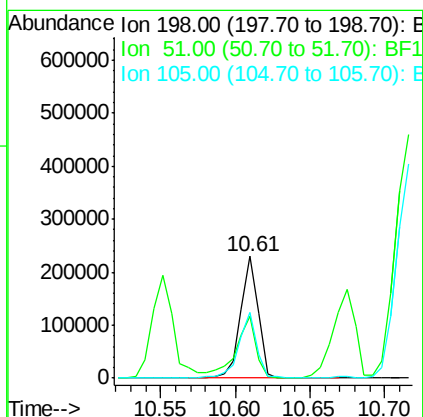
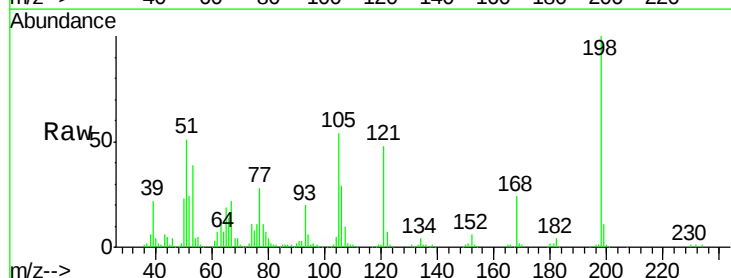
Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 500788
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 10.9 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 67.577 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.01 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Tgt Ion:198 Resp: 189226
Ion Ratio Lower Upper
198 100
51 51.2 37.7 77.7
105 54.2 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 70.543 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Instrument :

BNA_F

ClientSampleId :

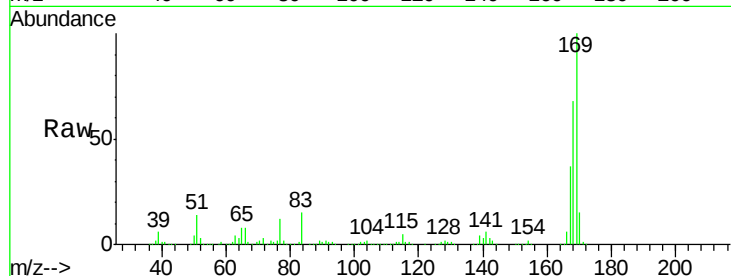
Tot Ion:169 Resp: 1230041

Ion	Ratio	Lower	Upper
169	100		
168	68.2	54.4	81.6
167	37.4	29.8	44.6

169 100

168 68.2 54.4 81.6

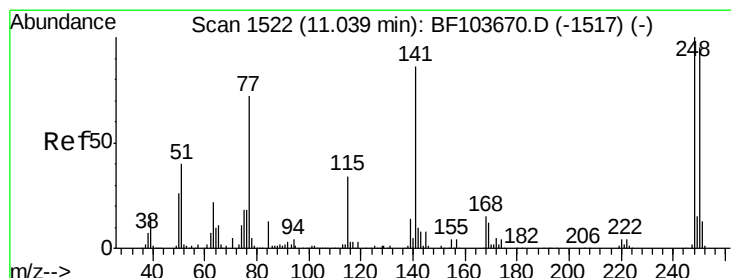
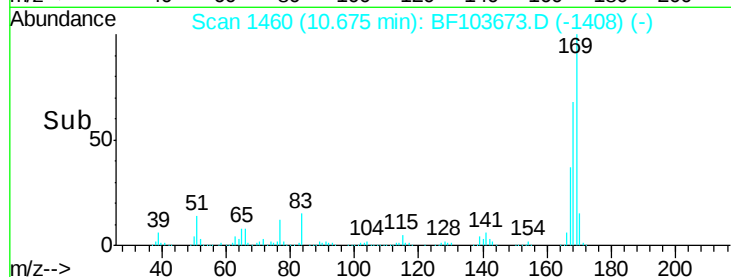
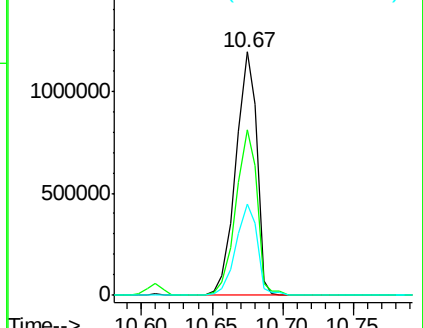
167 37.4 29.8 44.6



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: 71.862 ng

RT: 11.05 min Scan# 1523

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

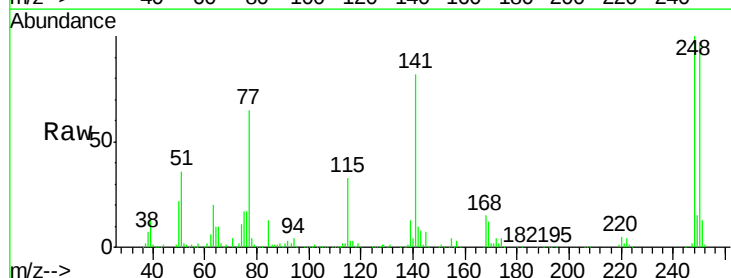
Tgt Ion:248 Resp: 374882

Ion	Ratio	Lower	Upper
248	100		
250	97.1	76.9	115.3
141	81.7	74.4	111.6

248 100

250 97.1 76.9 115.3

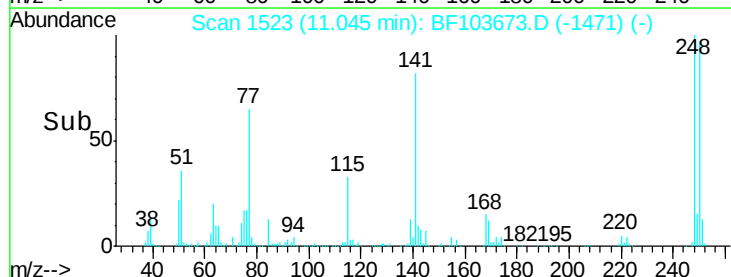
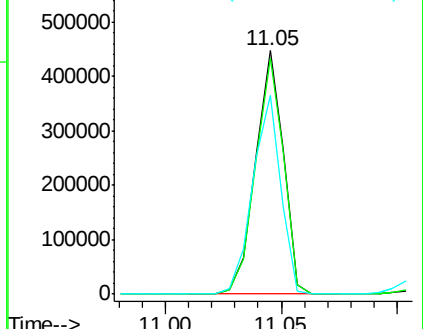
141 81.7 74.4 111.6

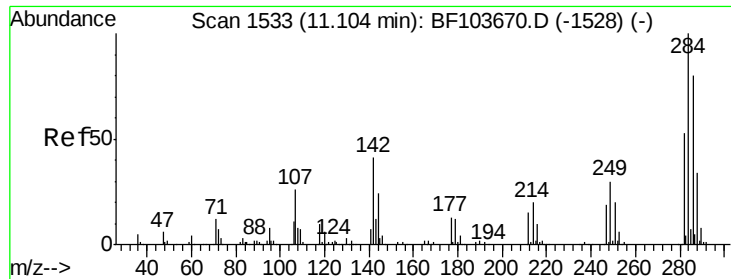


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

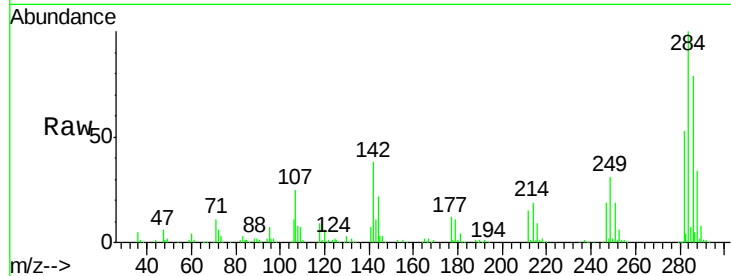




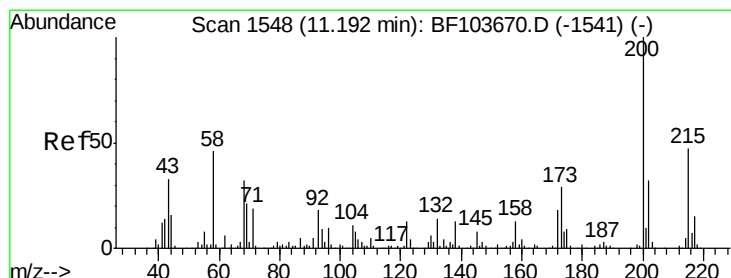
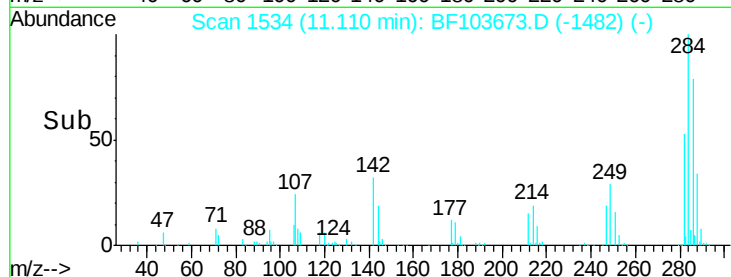
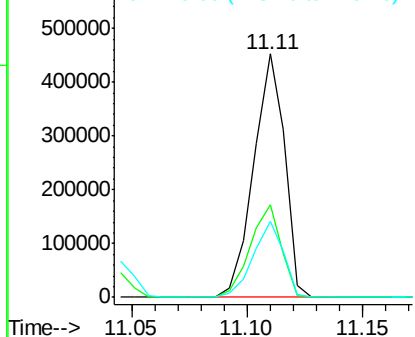
#67
Hexachlorobenzene
Concen: 74.832 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.01 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 423713
Ion Ratio Lower Upper
284 100
142 38.0 34.6 52.0
249 31.0 24.8 37.2

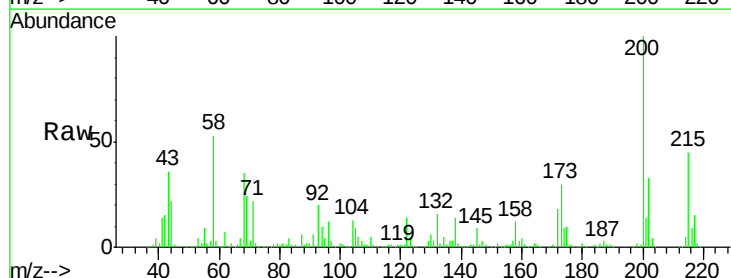


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

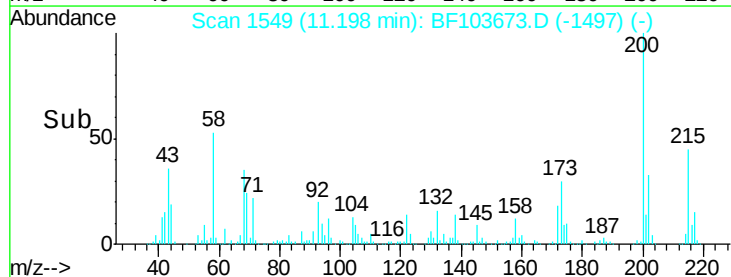
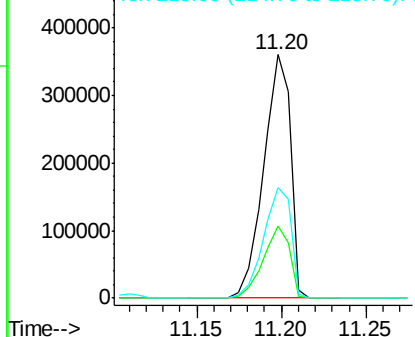


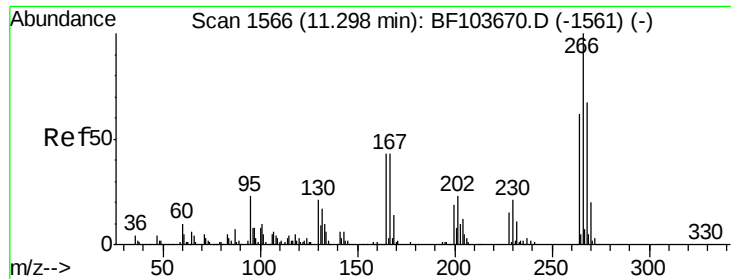
#68
Atrazine
Concen: 74.874 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Tgt Ion:200 Resp: 392411
Ion Ratio Lower Upper
200 100
173 29.8 8.6 48.6
215 45.1 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: 103.487 ng

RT: 11.30 min Scan# 1566

Delta R.T. 0.00 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Instrument :

BNA_F

ClientSampleId :

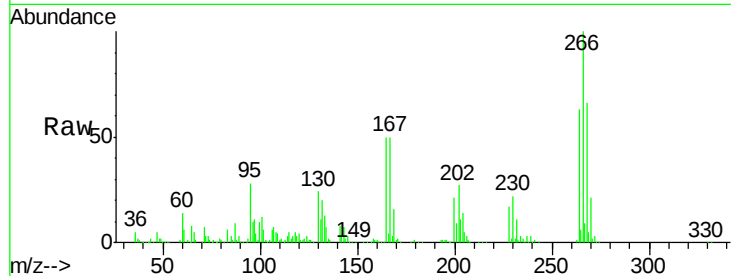
Tot Ion:266 Resp: 283324

Ion Ratio Lower Upper

266 100

268 66.0 51.1 76.7

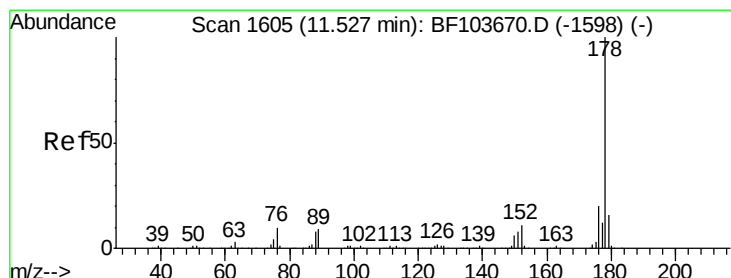
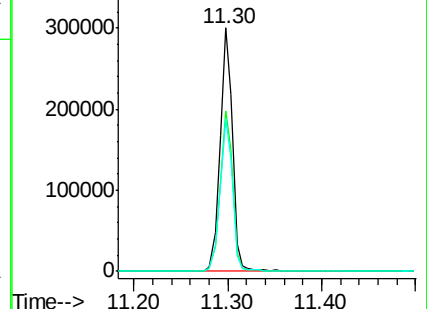
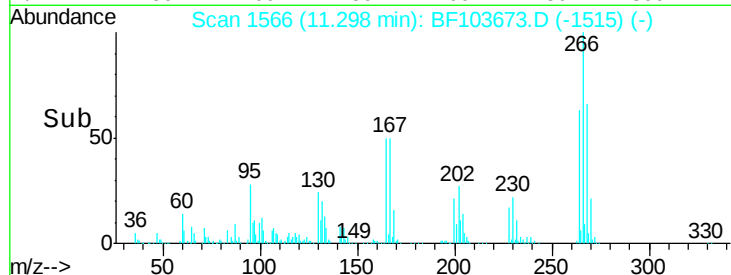
264 62.7 49.5 74.3



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: 67.609 ng

RT: 11.53 min Scan# 1606

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

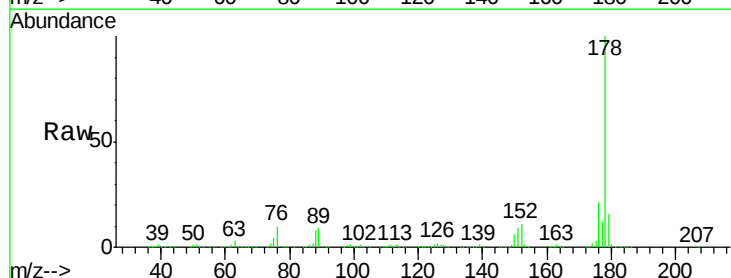
Tgt Ion:178 Resp: 1863303

Ion Ratio Lower Upper

178 100

176 20.6 15.8 23.8

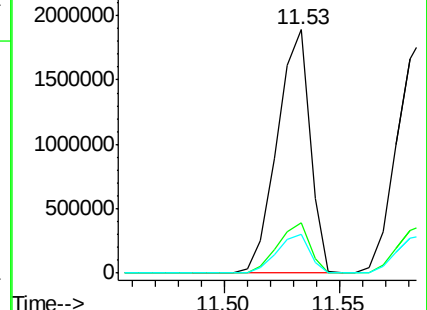
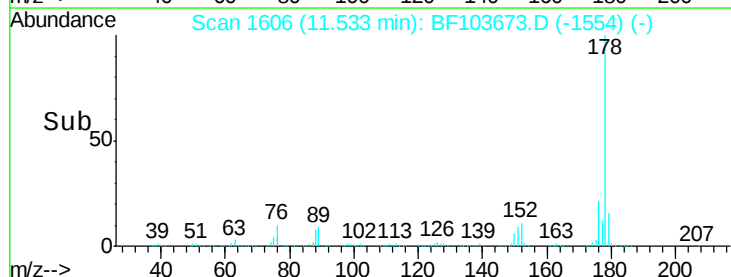
179 15.8 13.0 19.6

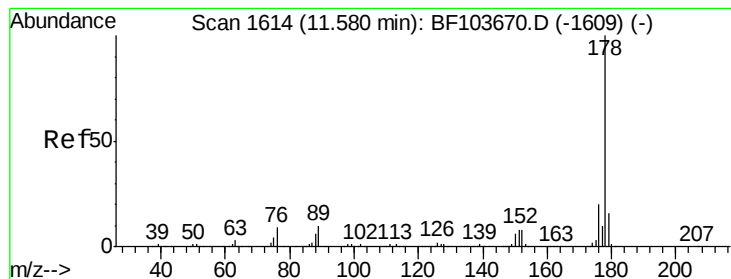


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 67.299 ng

RT: 11.59 min Scan# 1615

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Instrument :

BNA_F

ClientSampleId :

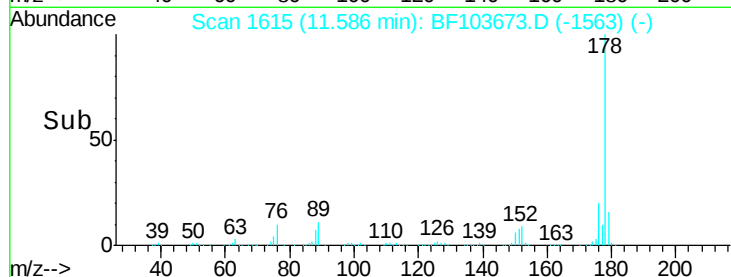
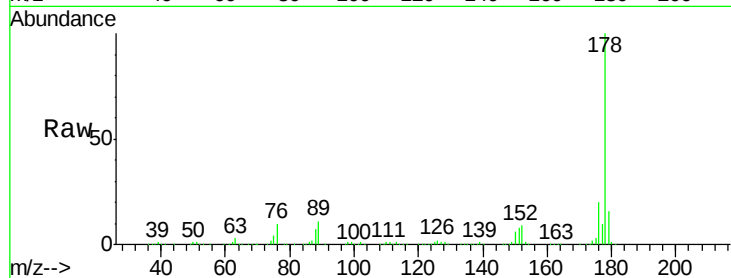
Tot Ion:178 Resp: 1901946

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.4	23.2
179	16.0	12.6	19.0

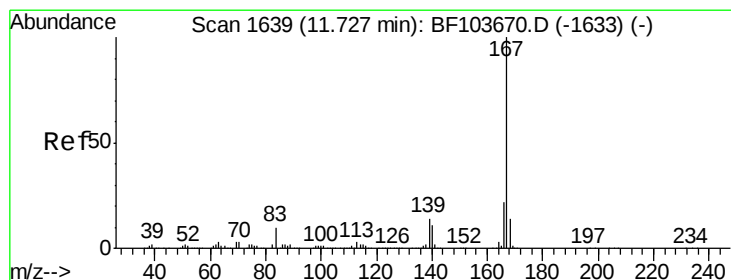
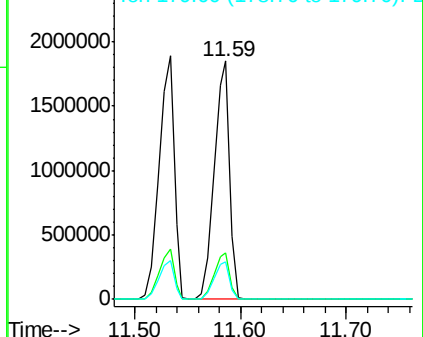
178 100

176 19.8 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: 67.395 ng

RT: 11.73 min Scan# 1640

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

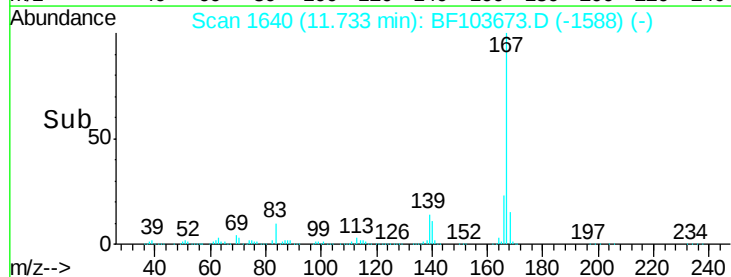
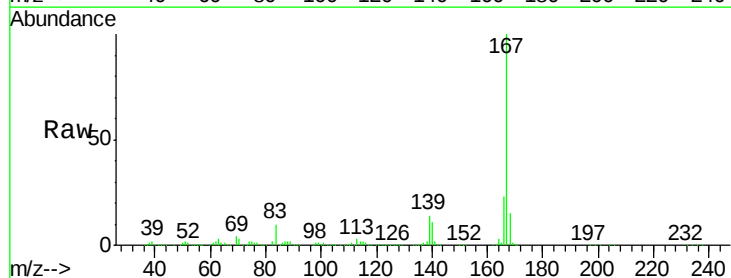
Tgt Ion:167 Resp: 1896706

Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.6	26.4
139	14.2	10.9	16.3

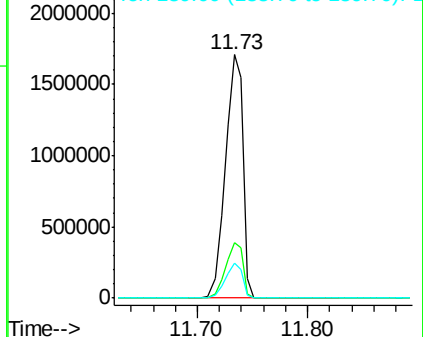
167 100

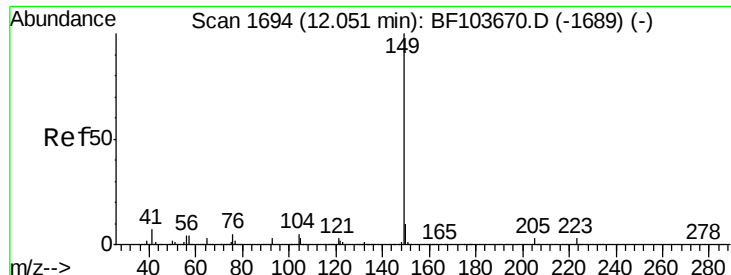
166 22.8 17.6 26.4

139 14.2 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: 63.917 ng

RT: 12.06 min Scan# 1695

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Instrument :

BNA_F

ClientSampleId :

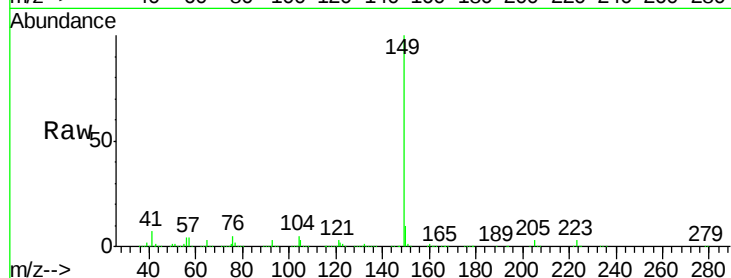
Tot Ion:149 Resp: 2250866

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.6

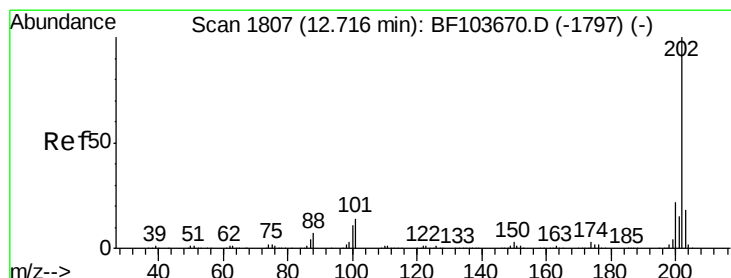
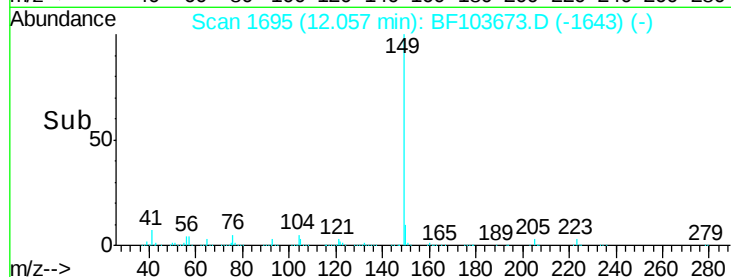
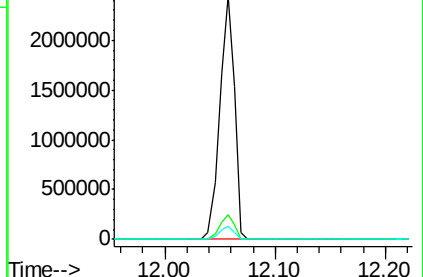
104 5.3 3.8 5.8



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: 69.504 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

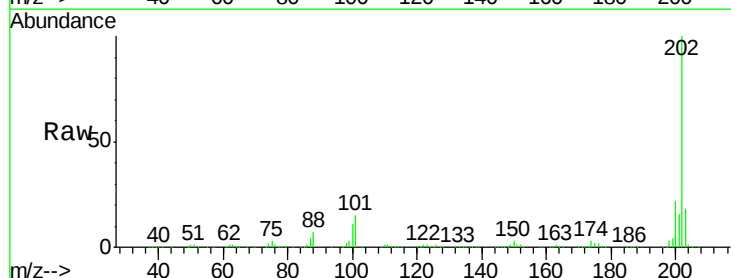
Tgt Ion:202 Resp: 1924902

Ion Ratio Lower Upper

202 100

101 14.5 0.0 34.1

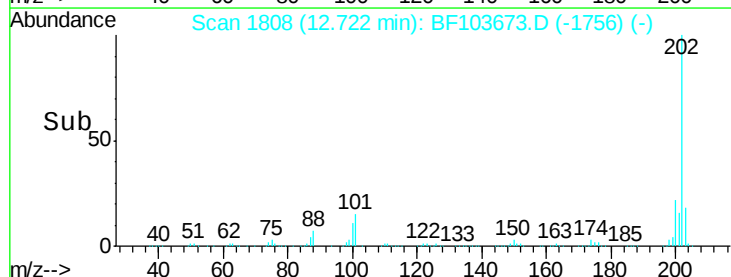
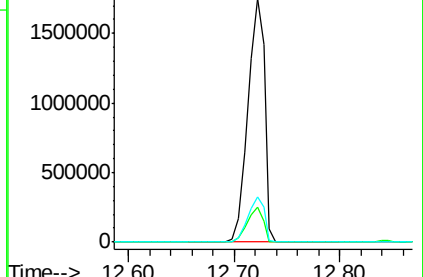
203 18.4 0.0 38.1

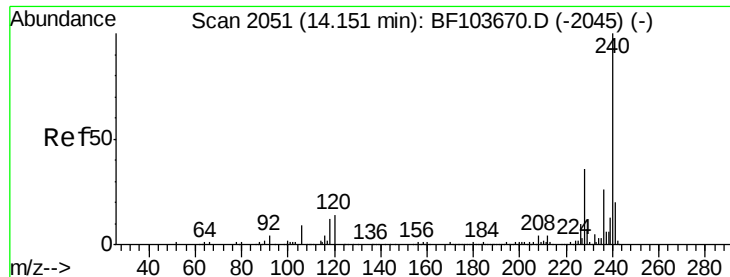


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Instrument :

BNA_F

ClientSampleId :

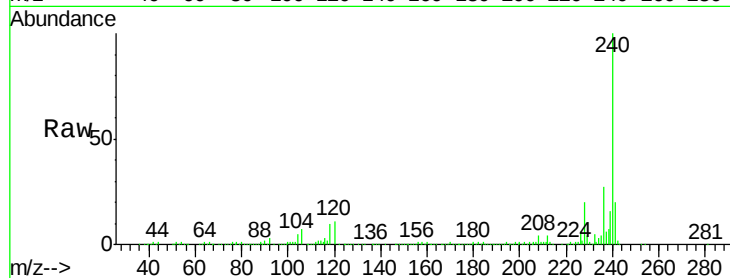
Tot Ion:240 Resp: 355874

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

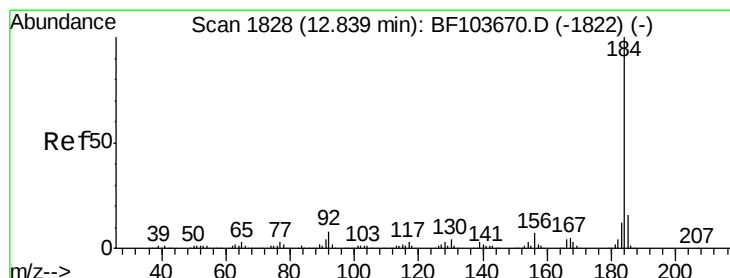
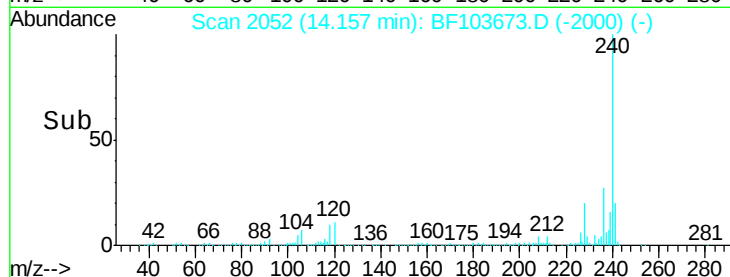
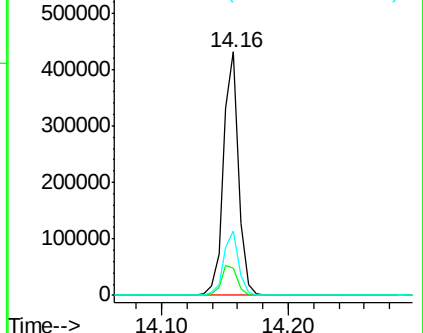
236 26.5 20.7 31.1



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: 86.541 ng

RT: 12.85 min Scan# 1829

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

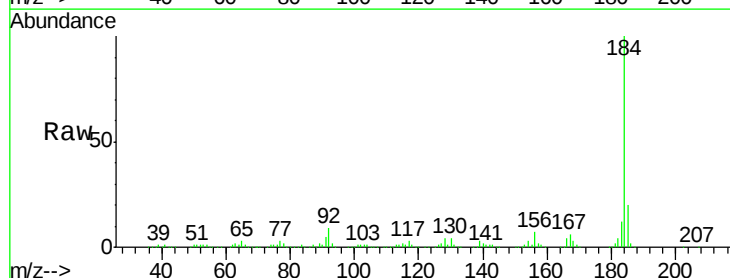
Tgt Ion:184 Resp: 1151383

Ion Ratio Lower Upper

184 100

185 20.0 12.6 18.8#

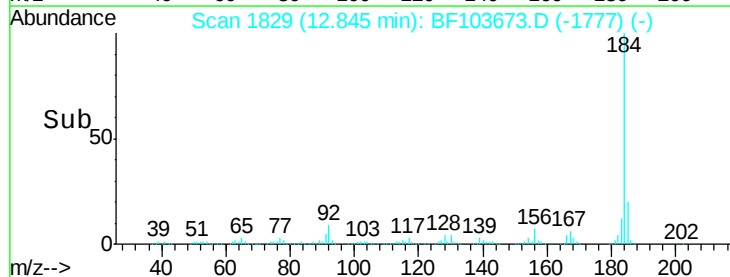
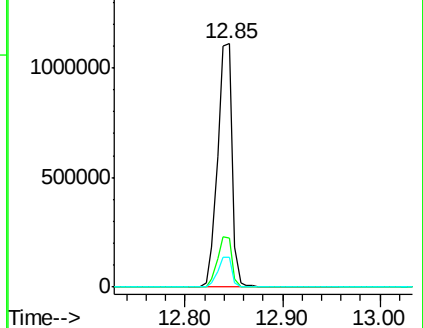
183 12.4 9.3 13.9

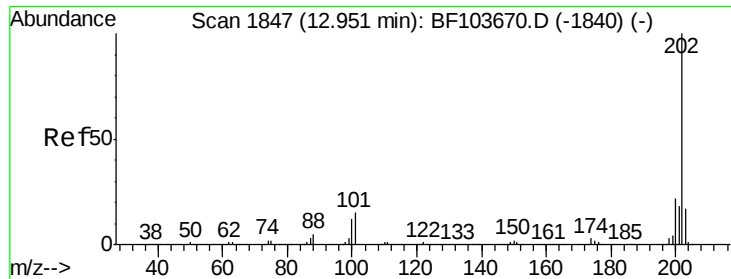


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 71.120 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

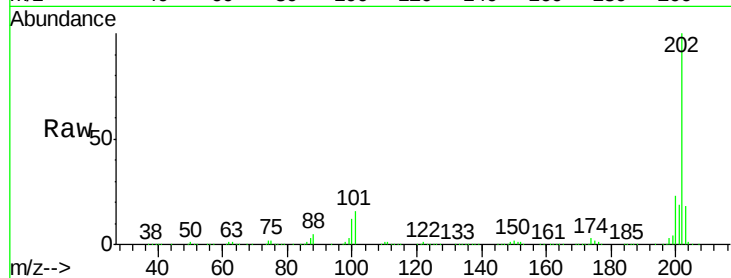
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 1973300

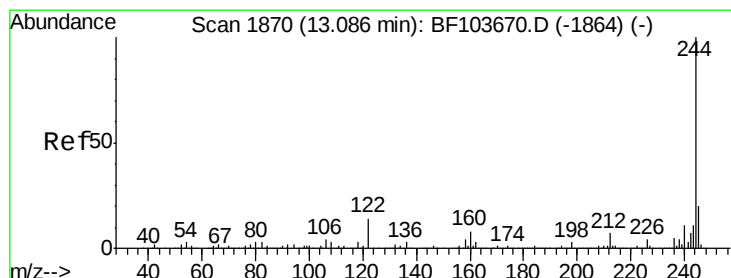
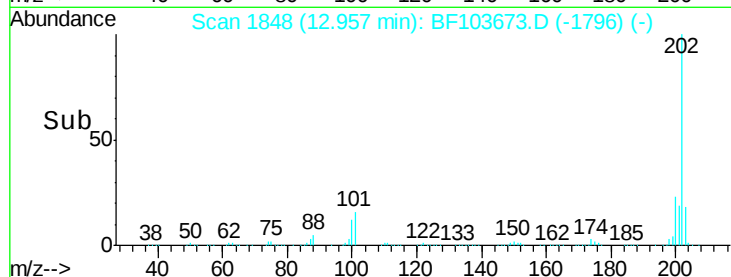
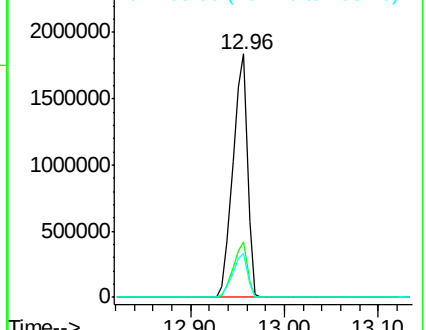
Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.4	26.2
203	17.8	14.3	21.5



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: 145.851 ng

RT: 13.09 min Scan# 1871

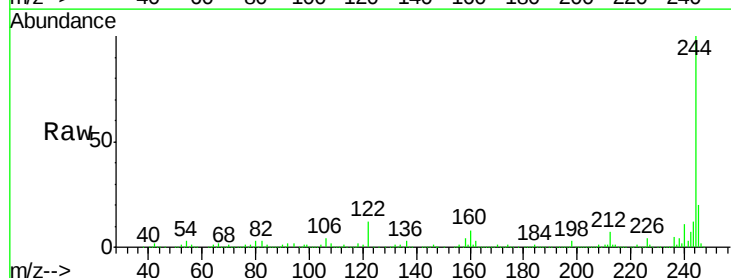
Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Tgt Ion:244 Resp: 2159212

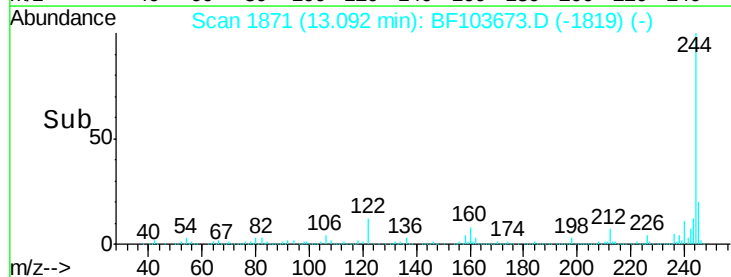
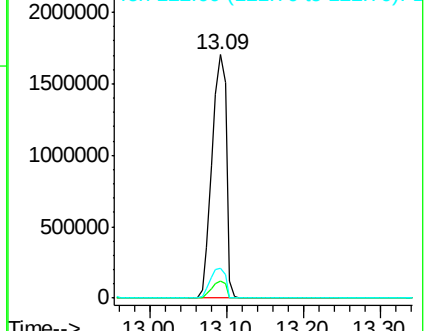
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.1	11.0	16.4

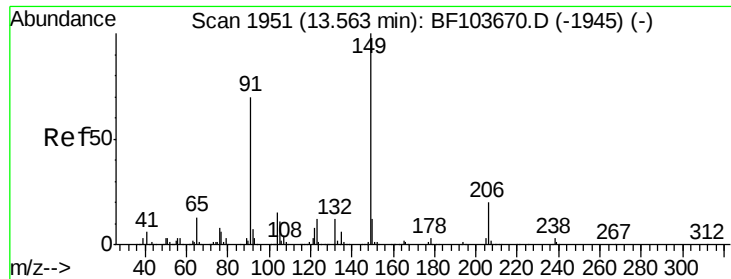


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

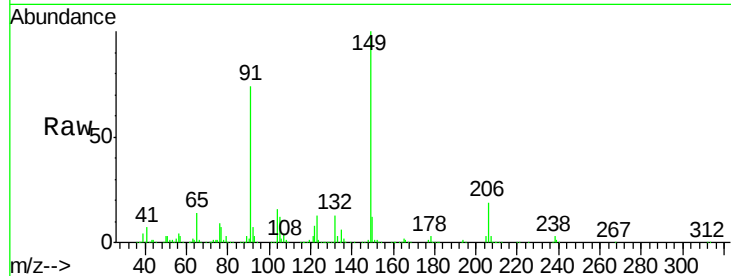




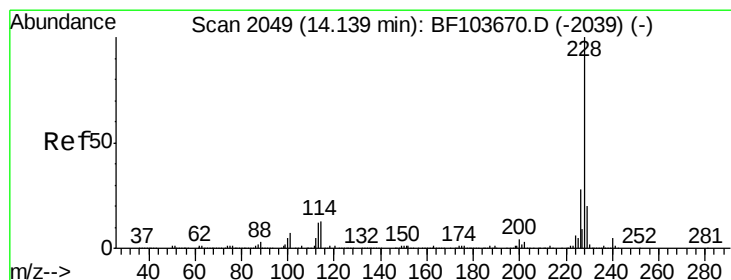
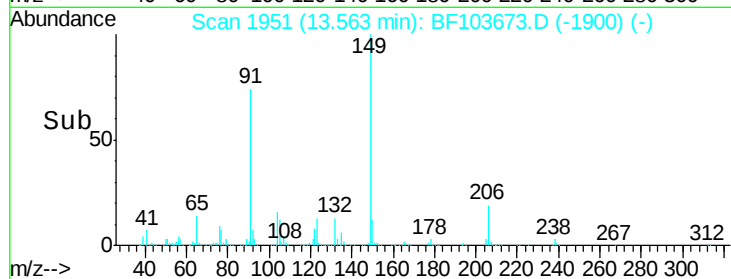
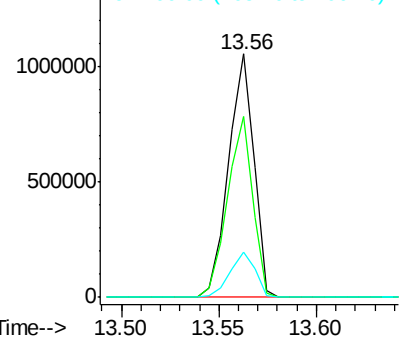
#79
Butylbenzylphthalate
Concen: 64.570 ng
RT: 13.56 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 946554
Ion Ratio Lower Upper
149 100
91 74.3 56.8 85.2
206 18.8 14.1 21.1

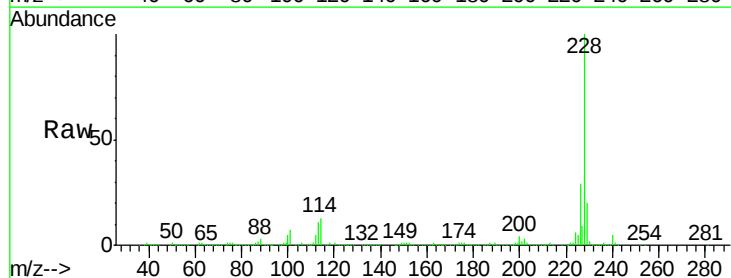


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

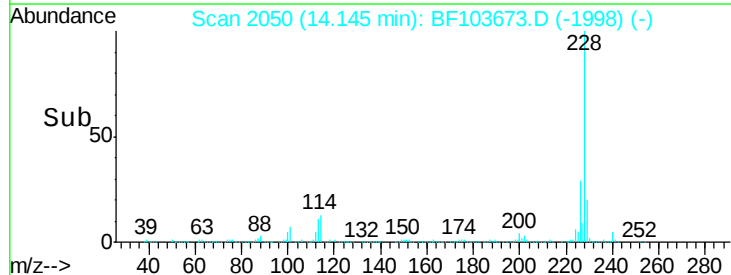
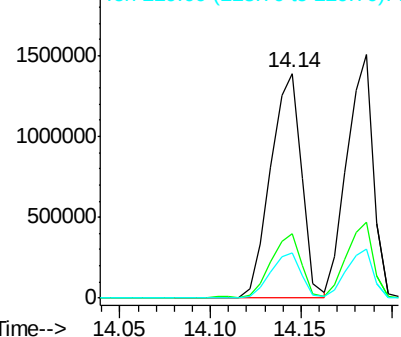


#80
Benzo(a)anthracene
Concen: 72.095 ng
RT: 14.14 min Scan# 2050
Delta R.T. 0.01 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Tgt Ion:228 Resp: 1664710
Ion Ratio Lower Upper
228 100
226 28.8 22.6 33.8
229 20.3 15.8 23.6



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

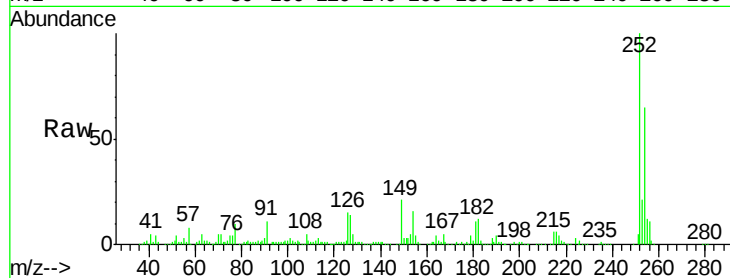




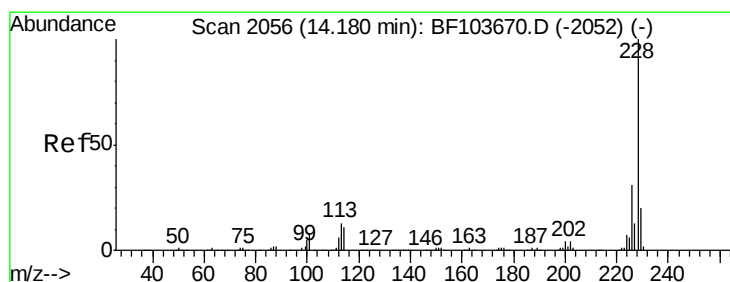
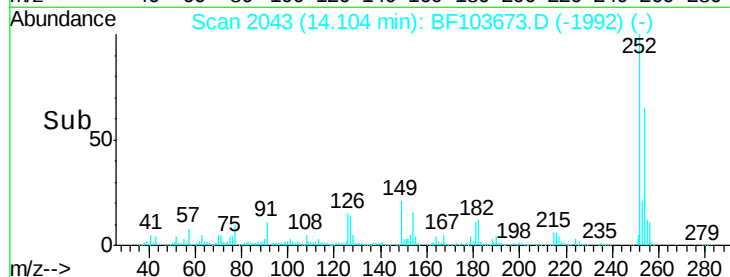
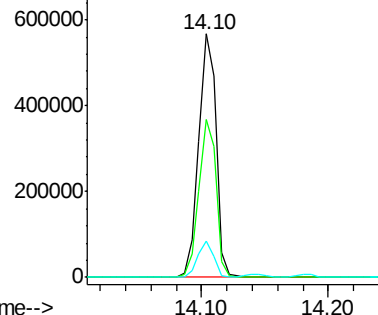
#81
 3,3'-Dichlorobenzidine
 Concen: 65.279 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. 0.00 min
 Lab File: BF103673.D
 Acq: 15 Mar 2018 17:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 537933
 Ion Ratio Lower Upper
 252 100
 254 64.8 50.4 75.6
 126 14.7 11.3 16.9

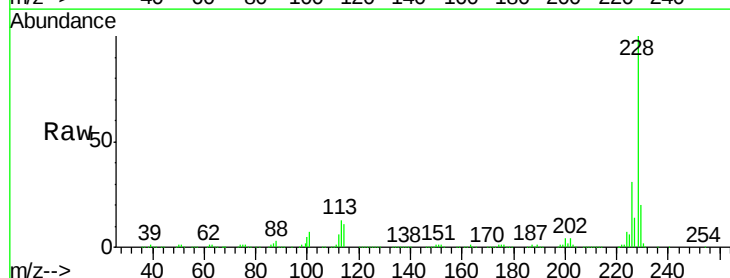


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

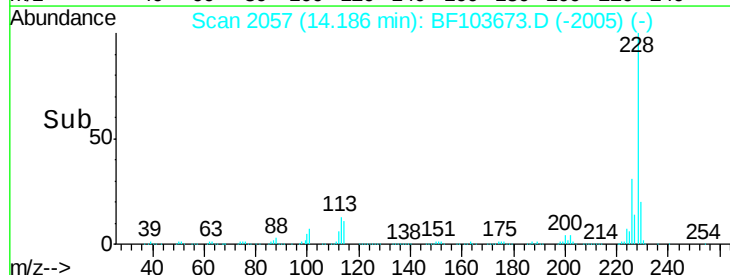
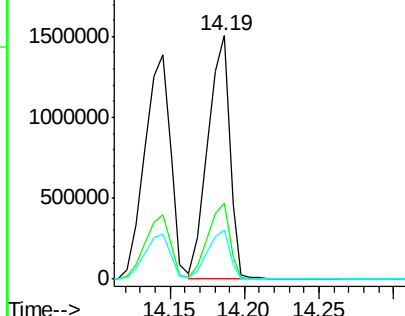


#82
 Chrysene
 Concen: 68.168 ng
 RT: 14.19 min Scan# 2057
 Delta R.T. 0.01 min
 Lab File: BF103673.D
 Acq: 15 Mar 2018 17:00

Tgt Ion:228 Resp: 1528338
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.0 37.6
 229 20.1 16.2 24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 63.251 ng

RT: 14.12 min Scan# 2045

Delta R.T. 0.00 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Instrument :

BNA_F

ClientSampleId :

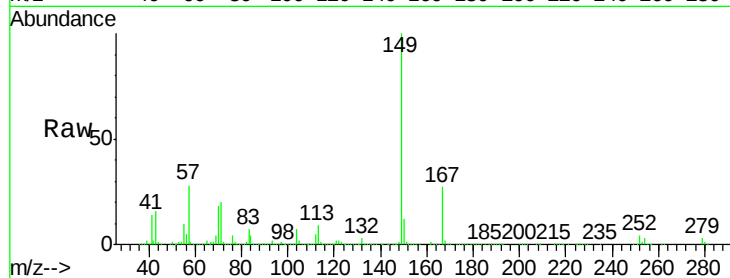
Tot Ion:149 Resp: 1251261

Ion Ratio Lower Upper

149 100

167 26.6 21.3 31.9

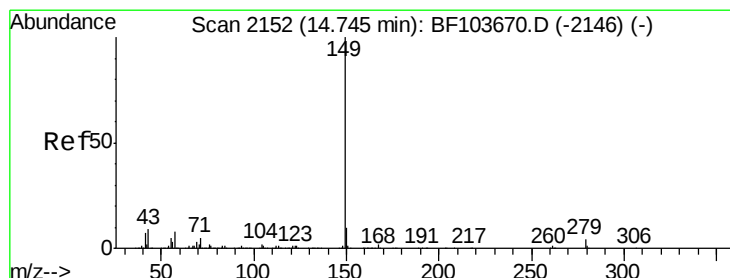
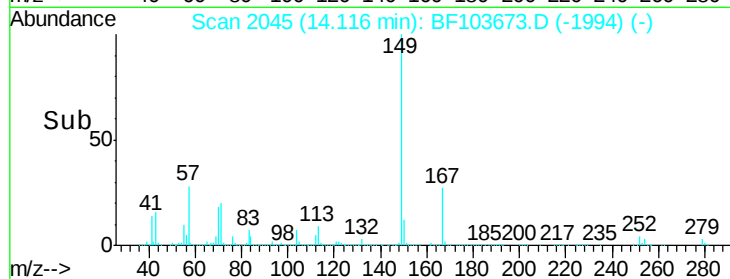
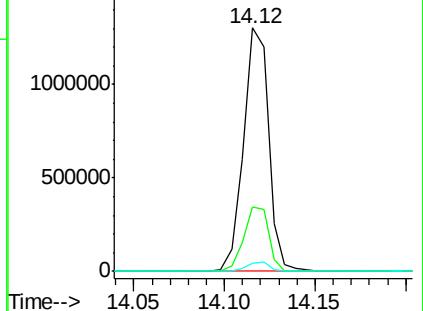
279 3.1 3.0 4.4



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: 60.823 ng

RT: 14.74 min Scan# 2152

Delta R.T. 0.00 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

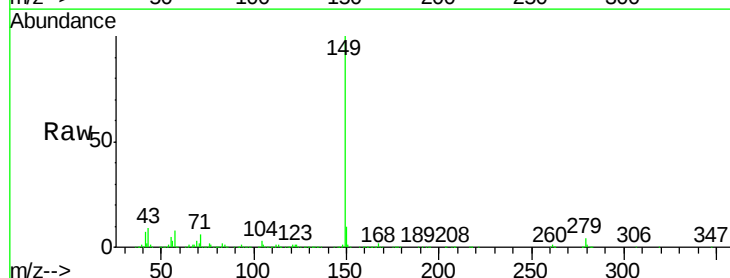
Tgt Ion:149 Resp: 1944029

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

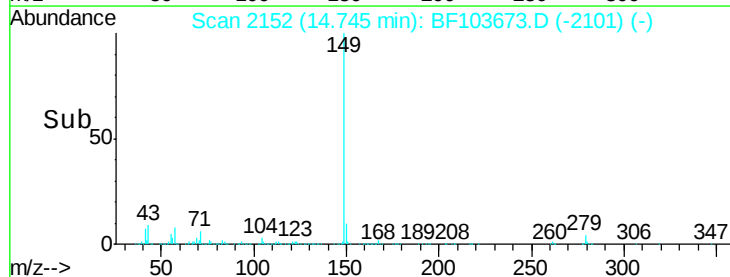
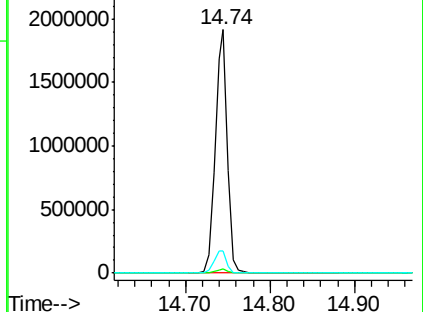
43 9.7 8.4 12.6

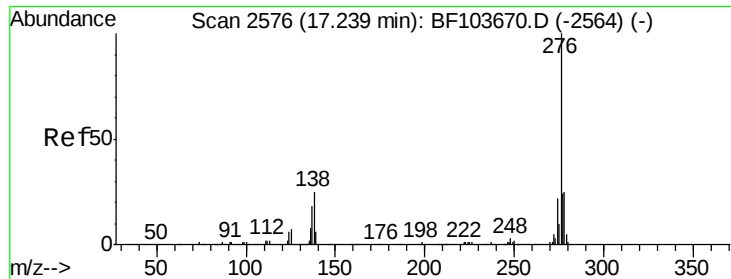


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

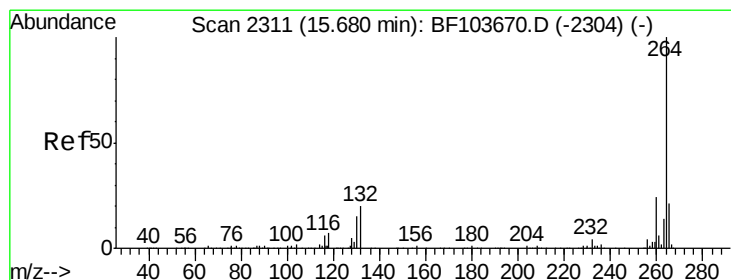
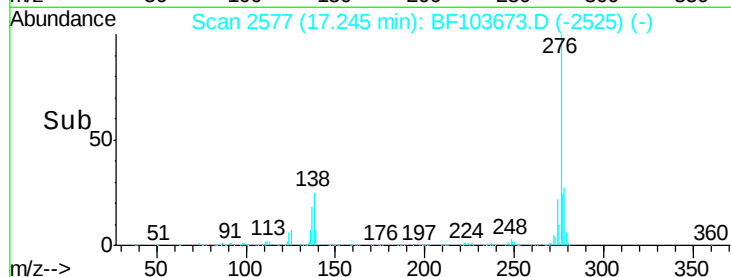
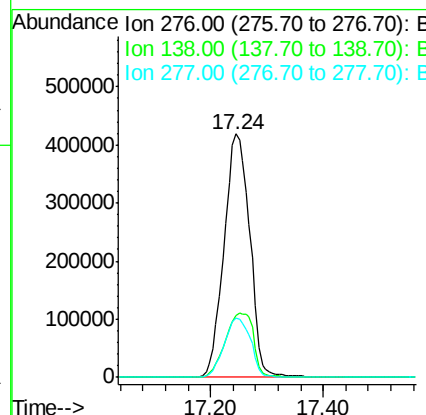
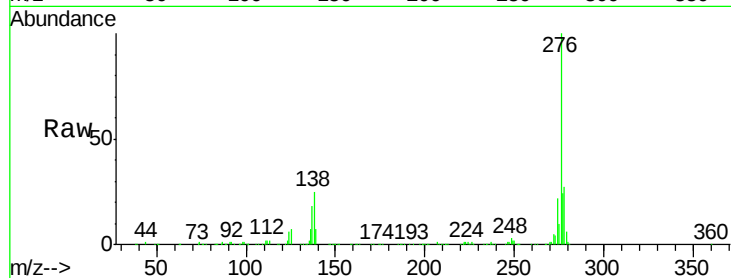




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 75.210 ng
 RT: 17.24 min Scan# 2577
 Delta R.T. 0.01 min
 Lab File: BF103673.D
 Acq: 15 Mar 2018 17:00

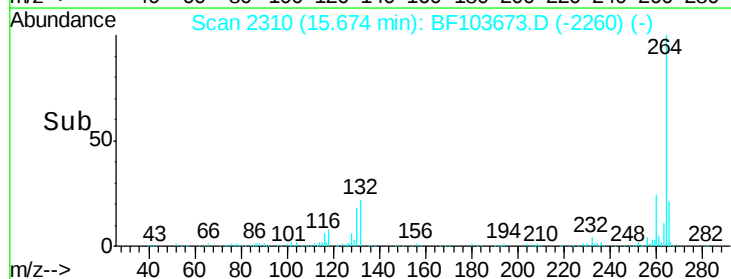
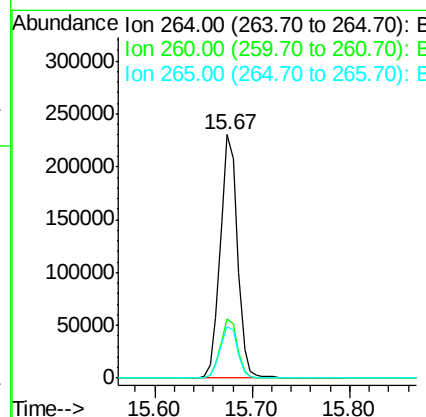
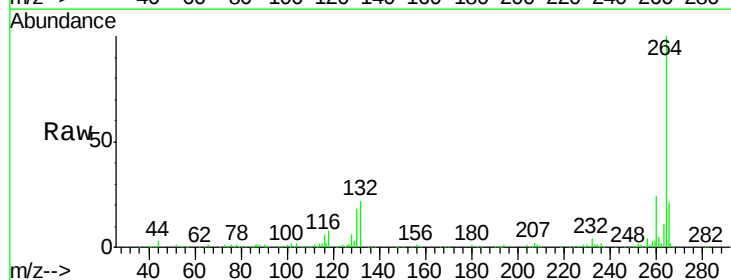
Instrument :
 BNA_F
 ClientSampleId :

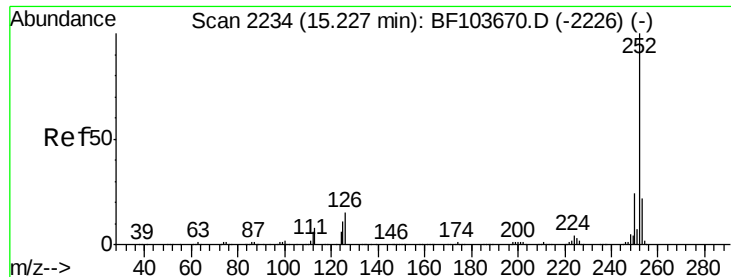
Tot Ion:276 Resp: 1334949
 Ion Ratio Lower Upper
 276 100
 138 29.2 25.0 37.6
 277 25.2 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2310
 Delta R.T. -0.01 min
 Lab File: BF103673.D
 Acq: 15 Mar 2018 17:00

Tgt Ion:264 Resp: 283266
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.4 17.5 26.3

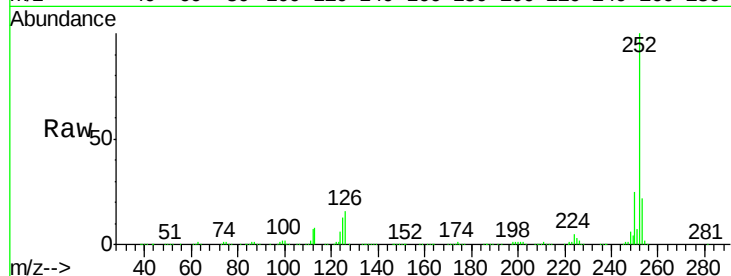




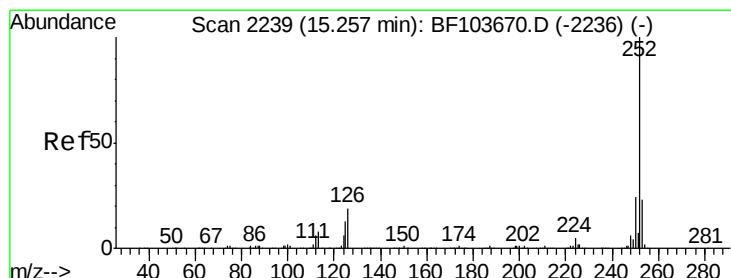
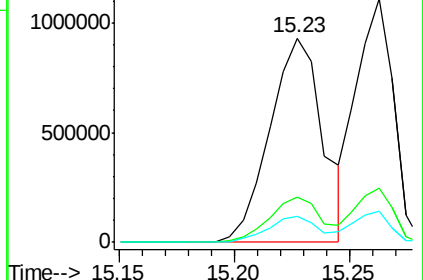
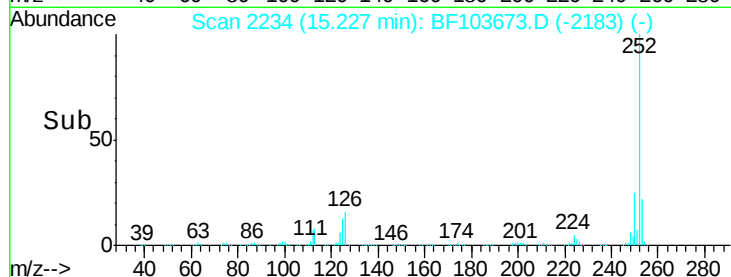
#87
Benzo(b)fluoranthene
Concen: 79.594 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1482395
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 12.8 9.0 13.6

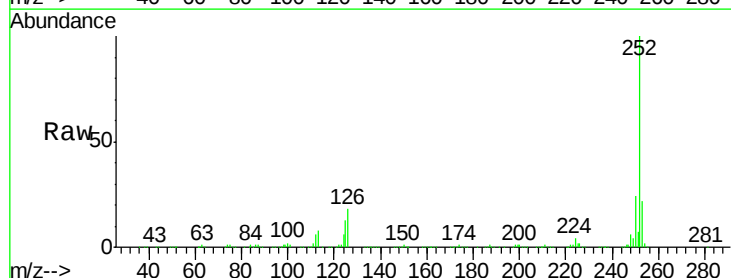


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

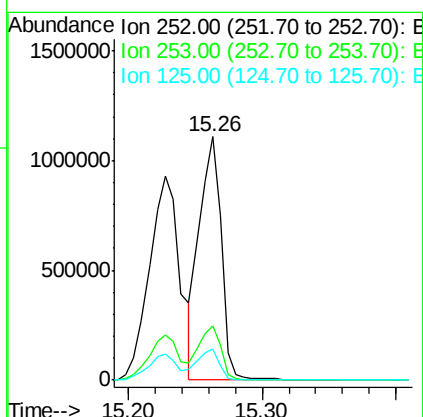
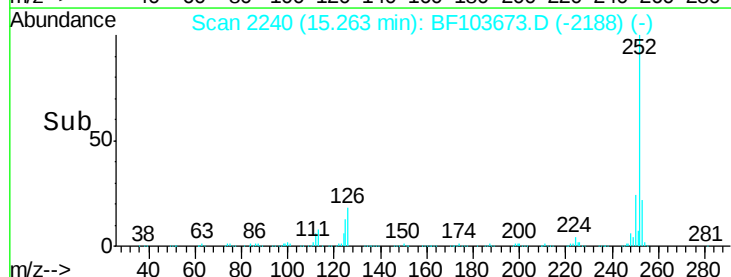


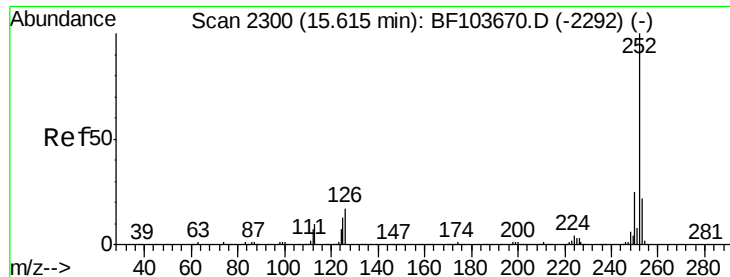
#88
Benzo(k)fluoranthene
Concen: 71.574 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Tgt Ion:252 Resp: 1255255
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 12.9 10.2 15.2



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

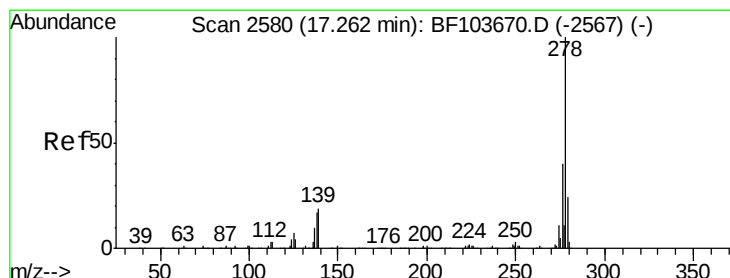
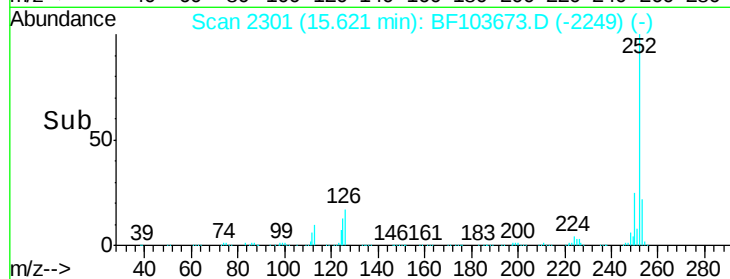
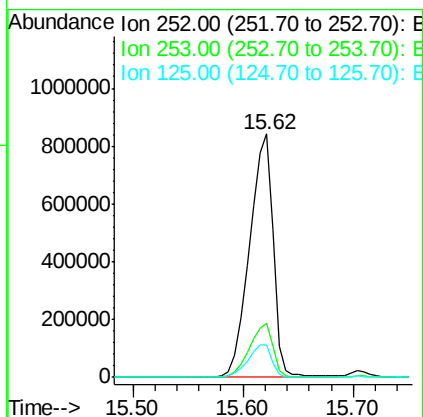
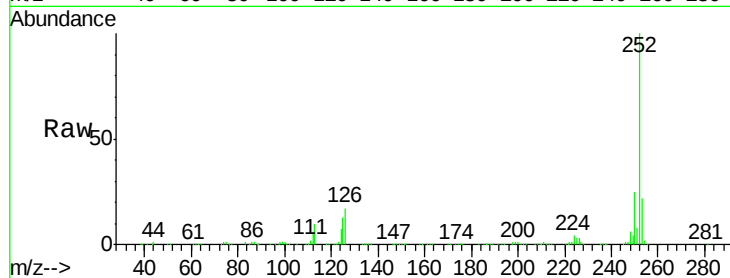




#89
Benzo(a)pyrene
Concen: 76.509 ng
RT: 15.62 min Scan# 2301
Delta R.T. 0.01 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

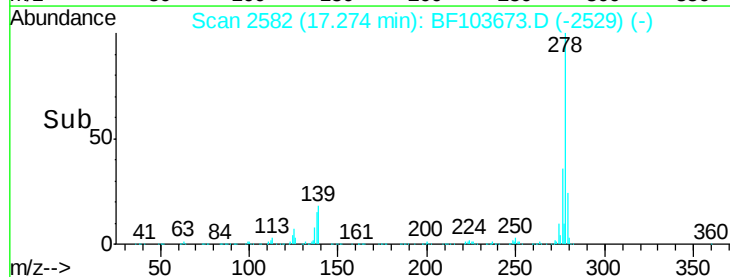
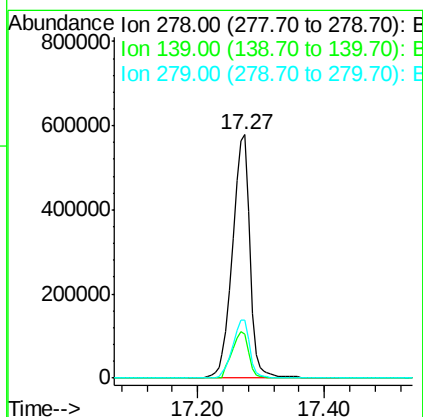
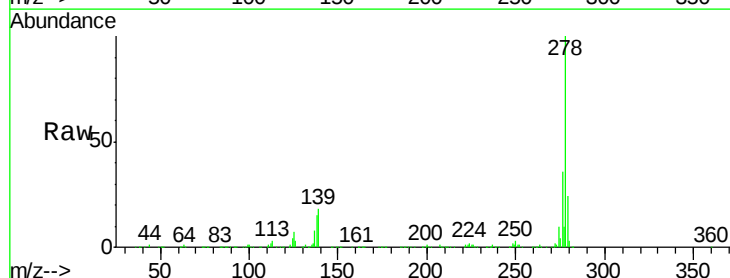
Instrument :
BNA_F
ClientSampleId :

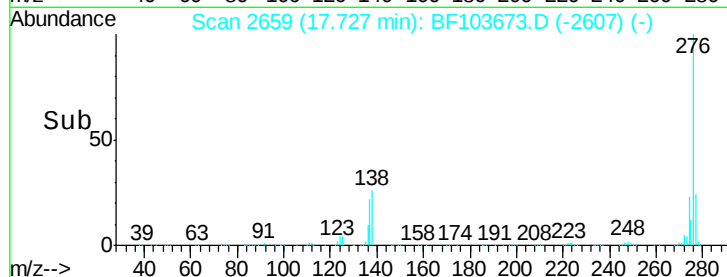
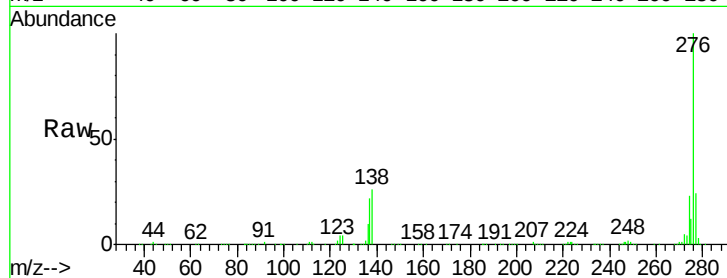
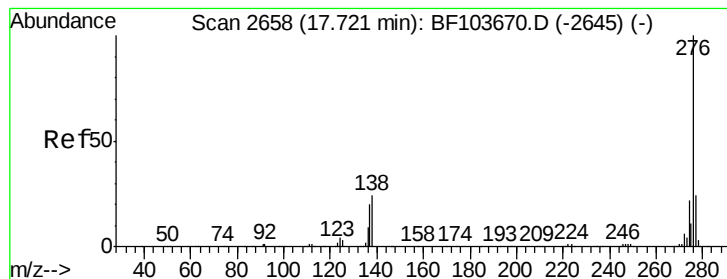
Tot Ion:252 Resp: 1272483
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 13.3 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 85.055 ng
RT: 17.27 min Scan# 2582
Delta R.T. 0.01 min
Lab File: BF103673.D
Acq: 15 Mar 2018 17:00

Tgt Ion:278 Resp: 1093084
Ion Ratio Lower Upper
278 100
139 17.9 15.9 23.9
279 23.7 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 86.983 ng

RT: 17.73 min Scan# 2659

Delta R.T. 0.01 min

Lab File: BF103673.D

Acq: 15 Mar 2018 17:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 1092537

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 26.3 21.8 32.8

