

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
 Data File : BF101773.D
 Acq On : 27 Dec 2017 20:09
 Operator : SJ/JU
 Sample : I7069-04MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 28 04:07:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	146295	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	566411	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	241298	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	400350	20.00	ng	0.00
75) Chrysene-d12	13.97	240	287326	20.00	ng	0.00
86) Perylene-d12	15.44	264	285483	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	955892	97.33	ng	0.02
7) Phenol-d6	6.44	99	1054341	86.26	ng	0.00
23) Nitrobenzene-d5	7.36	82	668196	65.67	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	211538	90.98	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1025648	65.94	ng	0.00
78) Terphenyl-d14	12.90	244	832329	69.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	133196	26.394	ng	98
3) Pyridine	3.35	79	291166	20.766	ng	96
4) n-Nitrosodimethylamine	3.29	42	147749	22.886	ng	96
6) Aniline	6.46	93	401145	23.616	ng	# 80
8) 2-Chlorophenol	6.58	128	323519	31.314	ng	97
9) Benzaldehyde	6.36	77	140970	15.617	ng	95
10) Phenol	6.45	94	433838	31.141	ng	83
11) bis(2-Chloroethyl)ether	6.53	93	331171	30.306	ng	95
12) 1,3-Dichlorobenzene	6.73	146	347844	29.832	ng	99
13) 1,4-Dichlorobenzene	6.80	146	359072	30.156	ng	99
14) 1,2-Dichlorobenzene	6.96	146	319255	29.787	ng	99
15) Benzyl Alcohol	6.95	79	251367	29.878	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	534110	31.936	ng	51
17) 2-Methylphenol	7.06	107	261530	27.520	ng	# 87
18) Hexachloroethane	7.29	117	106853	25.811	ng	94
19) n-Nitroso-di-n-propylamine	7.20	70	228063	28.412	ng	91
20) 3+4-Methylphenols	7.22	107	361230	35.870	ng	# 79
22) Acetophenone	7.21	105	449113	34.750	ng	# 94
24) Nitrobenzene	7.38	77	350254	31.102	ng	99
25) Isophorone	7.62	82	629534	30.841	ng	98
26) 2-Nitrophenol	7.70	139	172746	35.705	ng	98
27) 2,4-Dimethylphenol	7.73	122	286043	34.801	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	406428	31.345	ng	98
29) 2,4-Dichlorophenol	7.95	162	276168	34.010	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	265415	30.973	ng	98
31) Naphthalene	8.09	128	877803	30.784	ng	99
32) Benzoic acid	7.88	122	80429	20.075	ng	98
33) 4-Chloroaniline	8.16	127	341976	27.593	ng	100
34) Hexachlorobutadiene	8.20	225	149476	30.159	ng	98
35) Caprolactam	8.53	113	86220	30.579	ng	92
36) 4-Chloro-3-methylphenol	8.65	107	279436	31.309	ng	98
37) 2-Methylnaphthalene	8.79	142	569196	30.638	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	272506	33.449	ng	# 97
40) Hexachlorocyclopentadiene	8.93	237	1659	12.718	ng	88

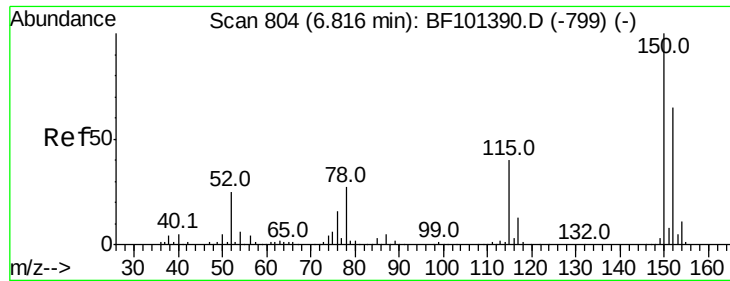
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
 Data File : BF101773.D
 Acq On : 27 Dec 2017 20:09
 Operator : SJ/JU
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	172189	35.107	ng	99
43) 2,4,5-Trichlorophenol	9.13	196	165641	30.844	ng	94
45) 1,1'-Biphenyl	9.25	154	695923	32.521	ng	99
46) 2-Chloronaphthalene	9.28	162	509486	31.116	ng	96
47) 2-Nitroaniline	9.39	65	183043	32.360	ng	86
48) Acenaphthylene	9.69	152	750974	29.037	ng	100
49) Dimethylphthalate	9.55	163	700354	36.084	ng	99
50) 2,6-Dinitrotoluene	9.63	165	124222	31.490	ng	# 88
51) Acenaphthene	9.86	154	451760	29.075	ng	99
52) 3-Nitroaniline	9.80	138	137416	27.941	ng	99
53) 2,4-Dinitrophenol	9.95	184	33935	31.833	ng	# 18
54) Dibenzofuran	10.03	168	651880	33.013	ng	96
55) 4-Nitrophenol	10.00	139	85138	39.700	ng	96
56) 2,4-Dinitrotoluene	10.05	165	162855	36.642	ng	# 96
57) Fluorene	10.38	166	518868	31.062	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	135075	35.009	ng	# 89
59) Diethylphthalate	10.25	149	575636	29.949	ng	97
60) 4-Chlorophenyl-phenylether	10.36	204	258415	32.279	ng	93
61) 4-Nitroaniline	10.42	138	125636	25.414	ng	97
62) Azobenzene	10.53	77	553798	27.814	ng	95
64) 4,6-Dinitro-2-methylphenol	10.47	198	28900	14.146	ng	92
65) n-Nitrosodiphenylamine	10.49	169	481278	32.557	ng	96
66) 4-Bromophenyl-phenylether	10.86	248	151605	33.702	ng	# 84
67) Hexachlorobenzene	10.93	284	155137	32.585	ng	# 86
68) Atrazine	11.02	200	149054	33.816	ng	96
69) Pentachlorophenol	11.14	266	119451	65.787	ng	97
70) Phenanthrene	11.34	178	667465	29.979	ng	99
71) Anthracene	11.40	178	702229	30.878	ng	100
72) Carbazole	11.56	167	611991	28.742	ng	99
73) Di-n-butylphthalate	11.87	149	838622	32.450	ng	98
74) Fluoranthene	12.54	202	643681	27.544	ng	97
76) Benzidine	12.66	184	356486	29.376	ng	98
77) Pyrene	12.77	202	647131	30.010	ng	99
79) Butylbenzylphthalate	13.37	149	300930	30.842	ng	94
80) Benzo(a)anthracene	13.96	228	548083	28.888	ng	100
81) 3,3'-Dichlorobenzidine	13.92	252	199063	32.178	ng	98
82) Chrysene	14.00	228	546927	30.531	ng	100
83) Bis(2-ethylhexyl)phthalate	13.92	149	397767	32.186	ng	99
84) Di-n-octyl phthalate	14.53	149	702523	31.875	ng	99
85) Indeno(1,2,3-cd)pyrene	16.93	276	473817	29.703	ng	97
87) Benzo(b)fluoranthene	15.02	252	505934	29.075	ng	98
88) Benzo(k)fluoranthene	15.04	252	518565	30.651	ng	97
89) Benzo(a)pyrene	15.39	252	476700	29.717	ng	99
90) Dibenzo(a,h)anthracene	16.92	278	397368	28.852	ng	98
91) Benzo(g,h,i)perylene	17.38	276	379438	27.822	ng	95

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

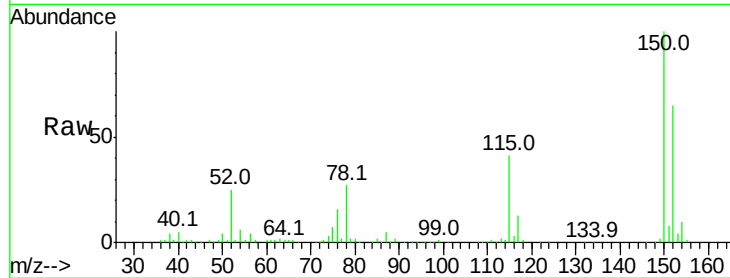


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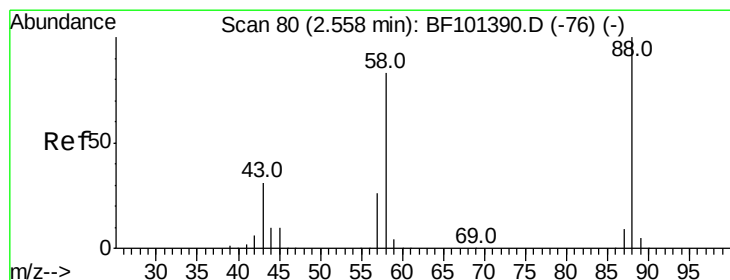
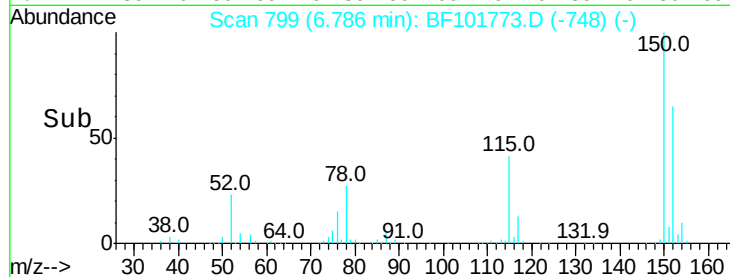
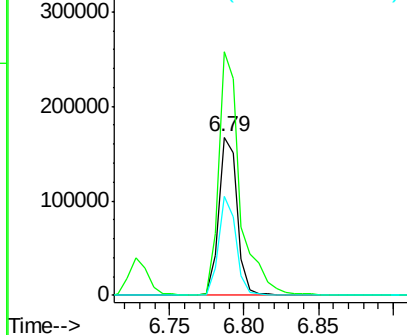
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF101773.D
Acq: 27 Dec 2017 20:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 146295
Ion Ratio Lower Upper
152 100
150 153.7 124.6 186.8
115 62.4 50.1 75.1



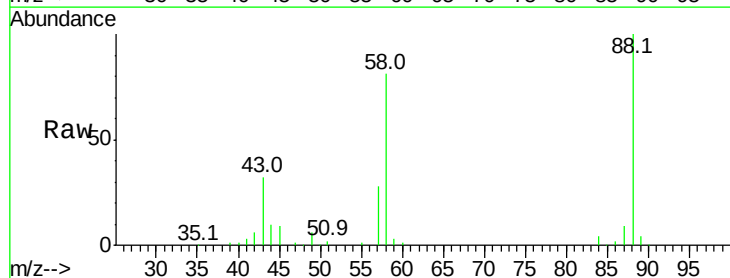
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



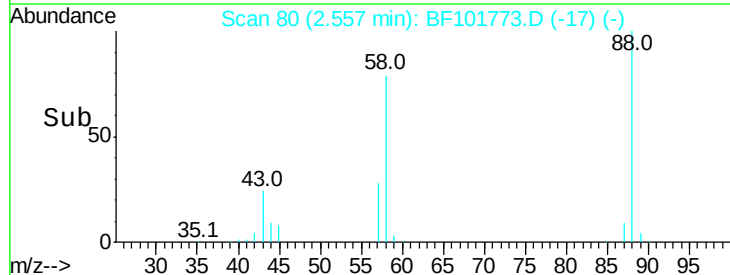
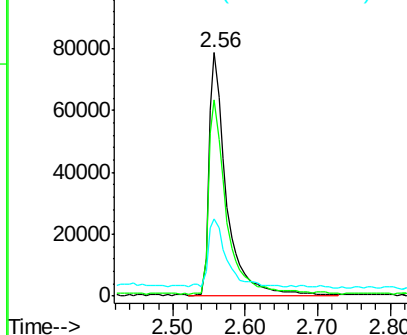
#2

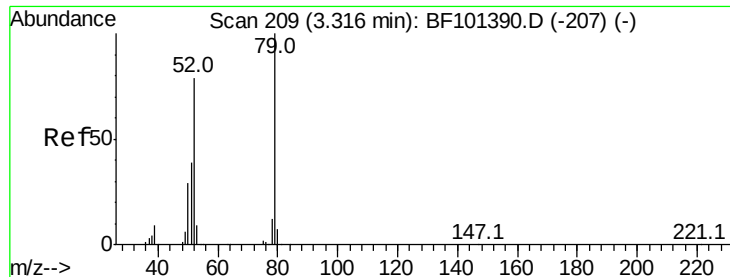
1,4-Dioxane
Concen: 26.394 ng
RT: 2.56 min Scan# 80
Delta R.T. 0.07 min
Lab File: BF101773.D
Acq: 27 Dec 2017 20:09

Tgt Ion: 88 Resp: 133196
Ion Ratio Lower Upper
88 100
58 79.2 62.6 93.8
43 29.2 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: 20.766 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.09 min

Lab File: BF101773.D

Acq: 27 Dec 2017 20:09

Instrument :

BNA_F

ClientSampleId :

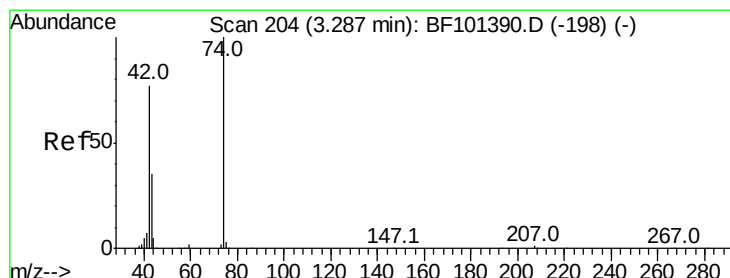
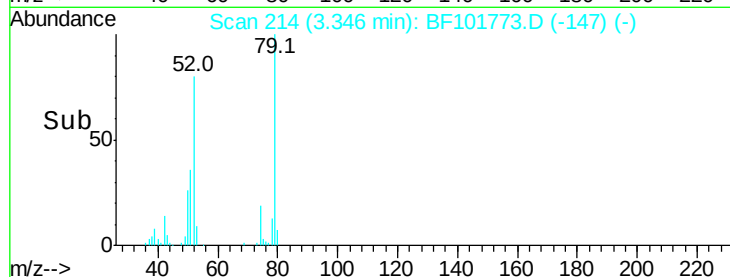
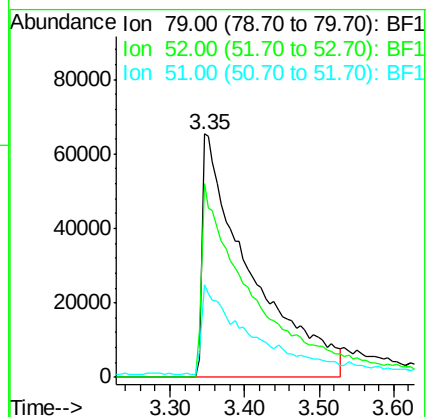
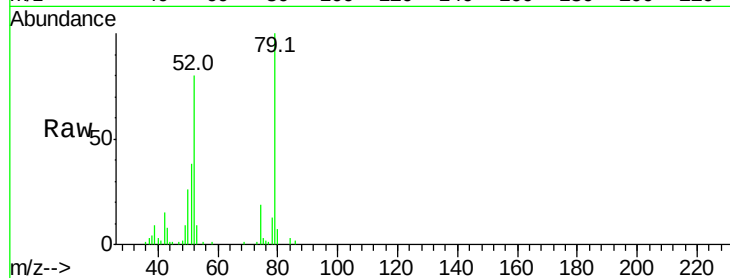
Tot Ion: 79 Resp: 291166

Ion Ratio Lower Upper

79 100

52 79.5 59.8 89.6

51 38.1 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 22.886 ng

RT: 3.29 min Scan# 204

Delta R.T. 0.07 min

Lab File: BF101773.D

Acq: 27 Dec 2017 20:09

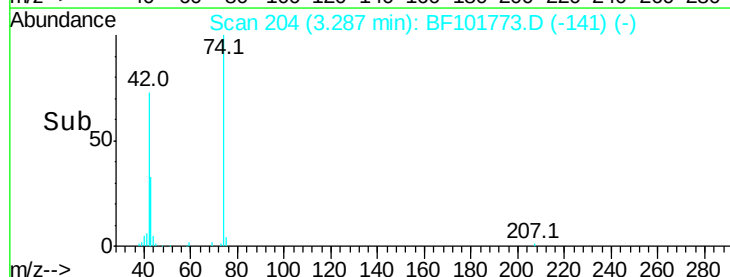
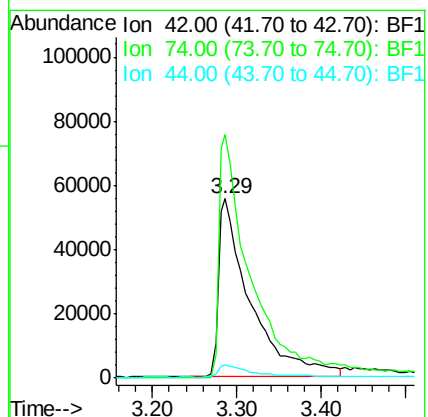
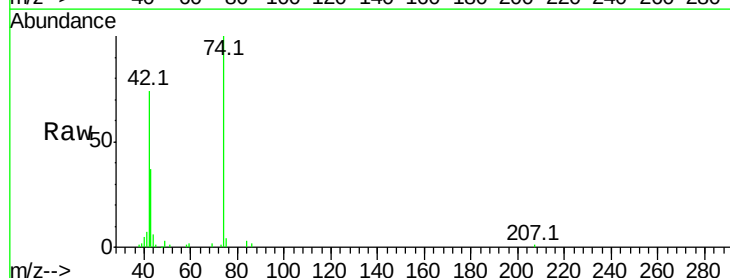
Tgt Ion: 42 Resp: 147749

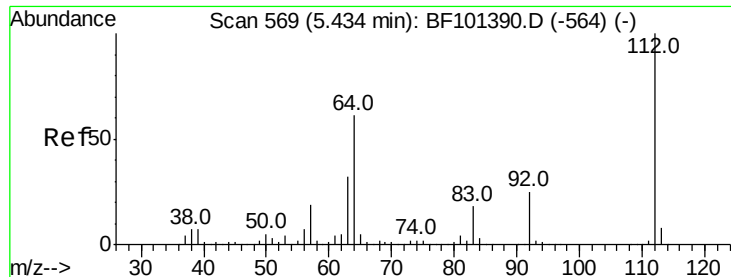
Ion Ratio Lower Upper

42 100

74 135.6 104.9 157.3

44 7.7 6.9 10.3





#5

2-Fluorophenol

Concen: 97.329 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.02 min

Lab File: BF101773.D

Acq: 27 Dec 2017 20:09

Instrument :

BNA_F

ClientSampled :

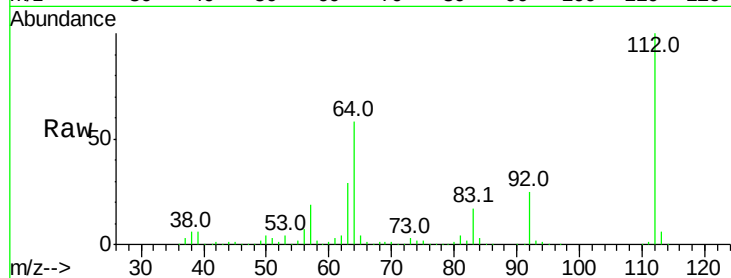
Tot Ion:112 Resp: 955892

Ion Ratio Lower Upper

112 100

64 58.4 47.9 71.9

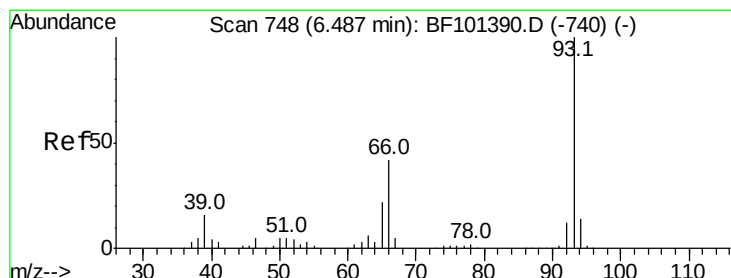
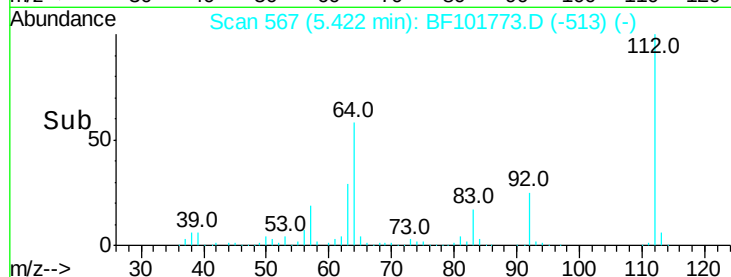
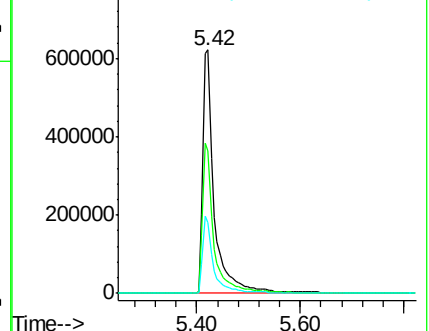
63 29.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.616 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF101773.D

Acq: 27 Dec 2017 20:09

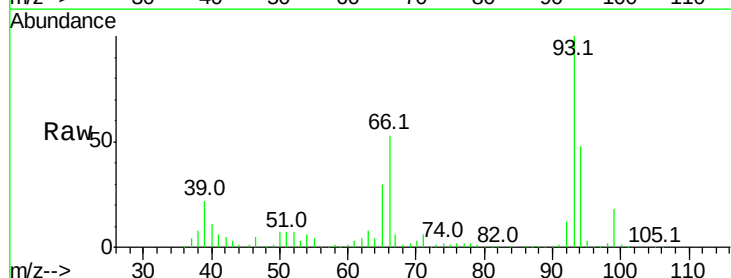
Tgt Ion: 93 Resp: 401145

Ion Ratio Lower Upper

93 100

66 52.8 32.2 48.2#

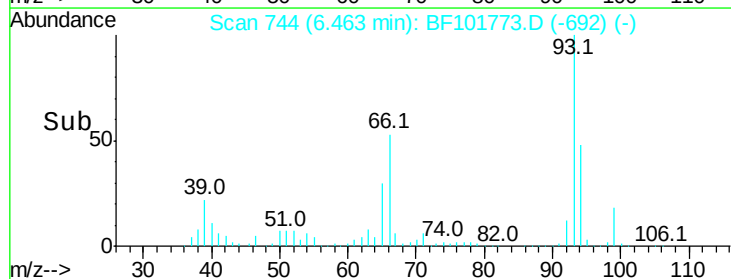
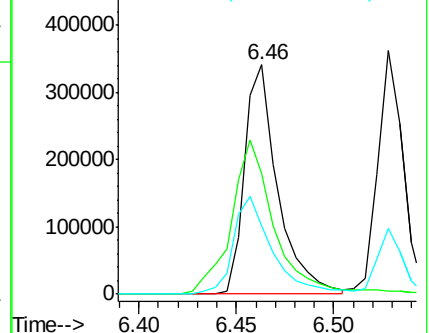
65 30.0 16.4 24.6#

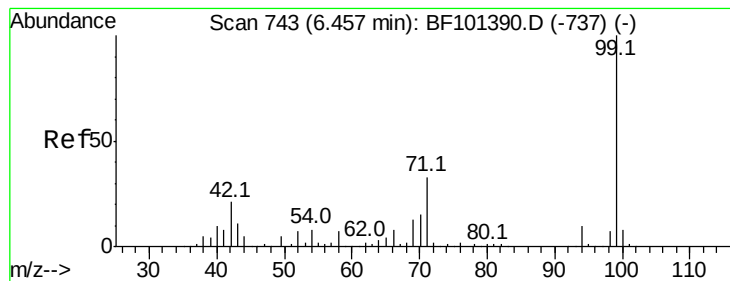


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 86.259 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF101773.D

Acq: 27 Dec 2017 20:09

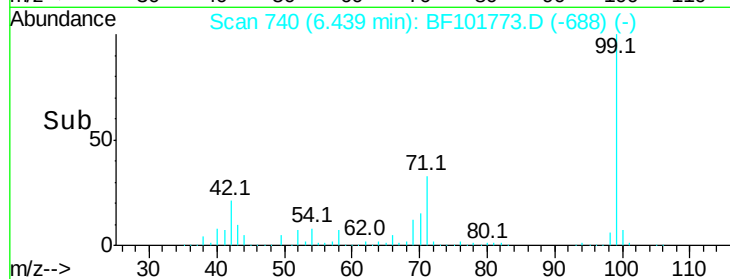
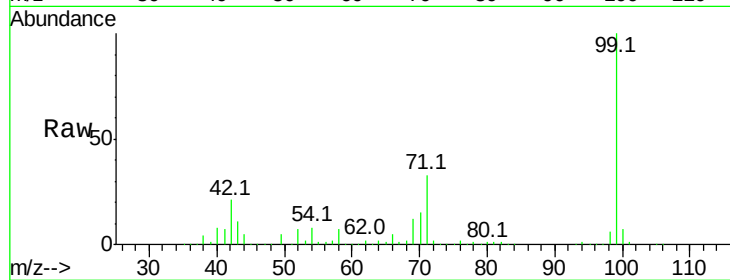
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1054341

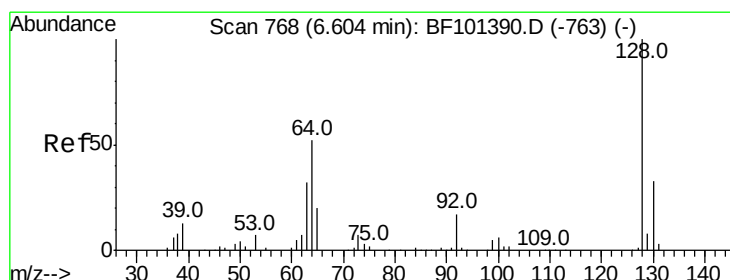
Ion	Ratio	Lower	Upper
99	100		
42	20.6	14.5	21.7
71	33.3	25.4	38.0



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: 31.314 ng

RT: 6.58 min Scan# 764

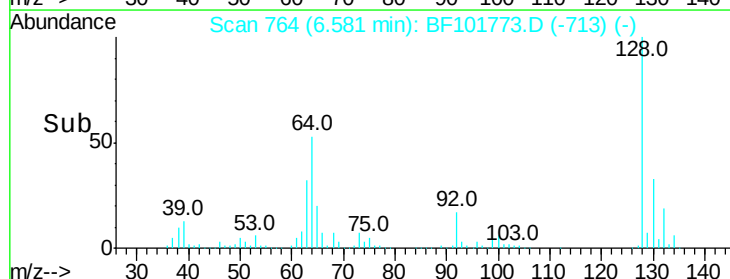
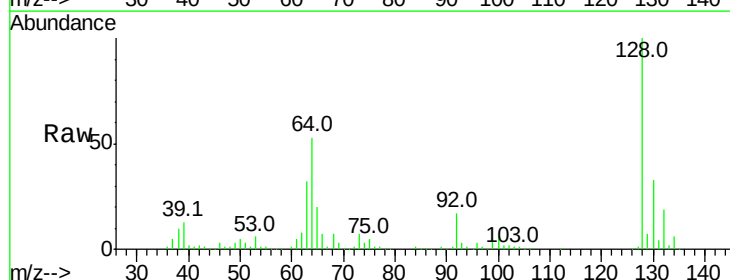
Delta R.T. -0.00 min

Lab File: BF101773.D

Acq: 27 Dec 2017 20:09

Tgt Ion:128 Resp: 323519

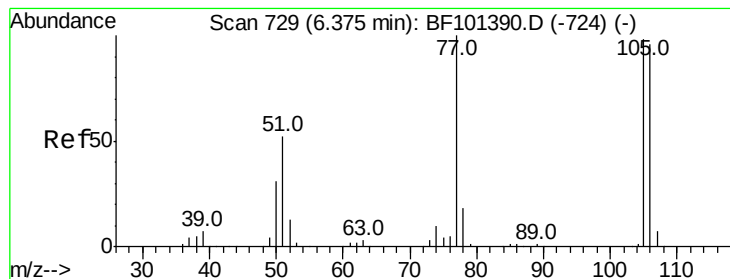
Ion	Ratio	Lower	Upper
128	100		
130	32.7	13.0	53.0
64	52.9	29.4	69.4



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: 15.617 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF101773.D

Acq: 27 Dec 2017 20:09

Instrument :

BNA_F

ClientSampled :

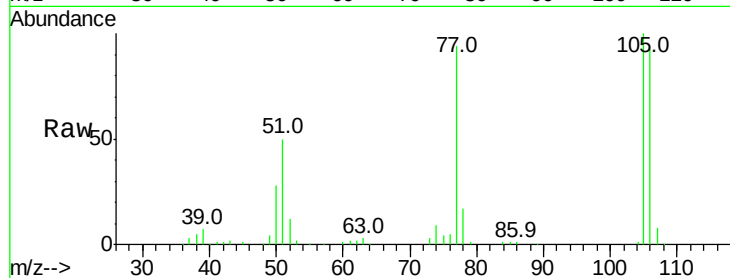
Tot Ion: 77 Resp: 140970

Ion Ratio Lower Upper

77 100

105 106.8 81.1 121.1

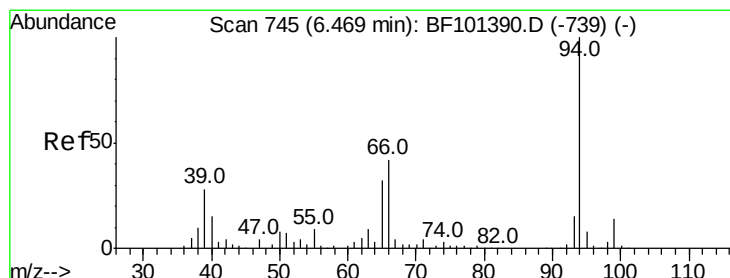
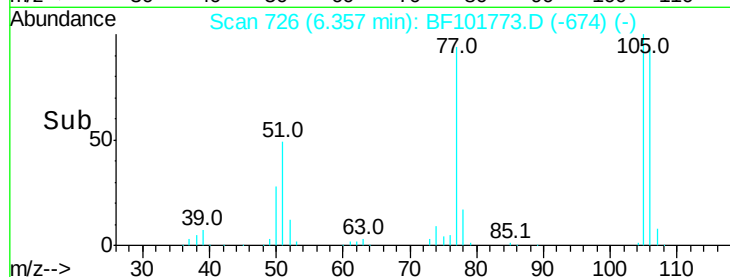
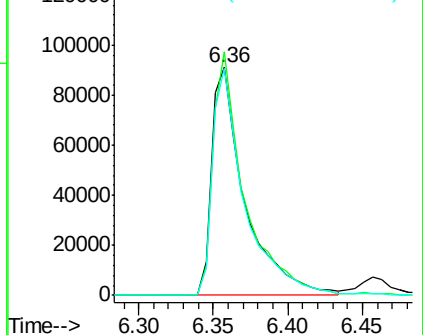
106 99.3 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 31.141 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF101773.D

Acq: 27 Dec 2017 20:09

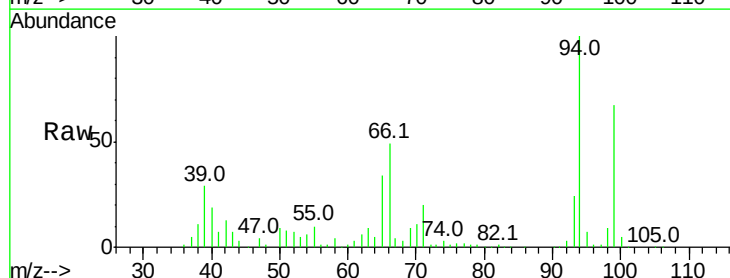
Tgt Ion: 94 Resp: 433838

Ion Ratio Lower Upper

94 100

65 33.9 7.9 47.9

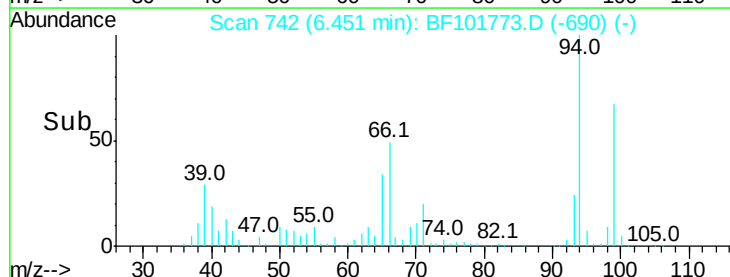
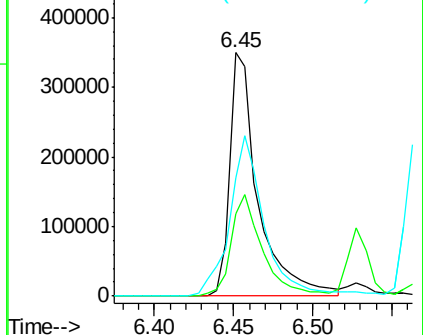
66 48.7 16.2 56.2

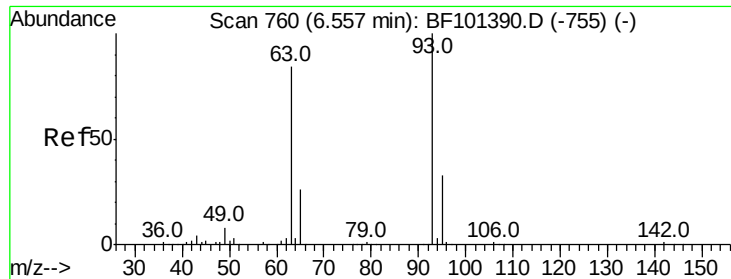


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

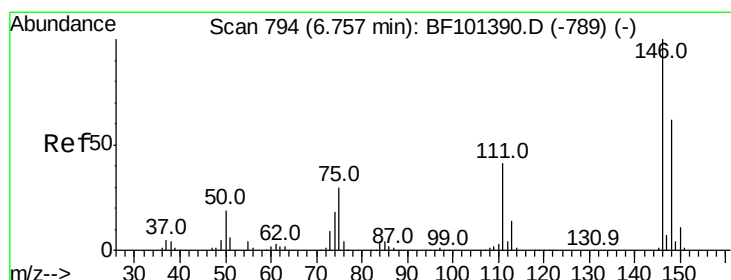
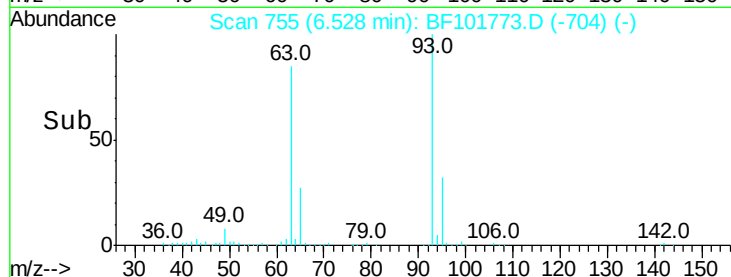
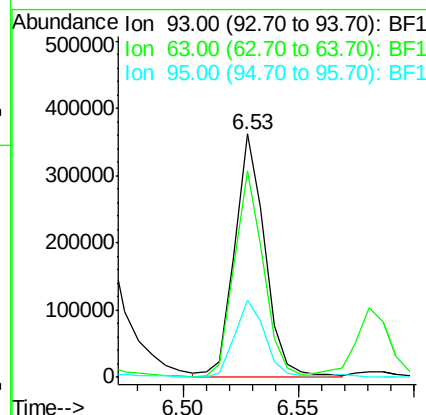
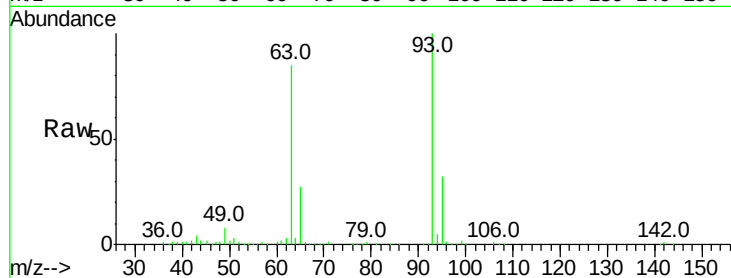




#11
bis(2-Chloroethyl)ether
Concen: 30.306 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.00 min
Lab File: BF101773.D
Acq: 27 Dec 2017 20:09

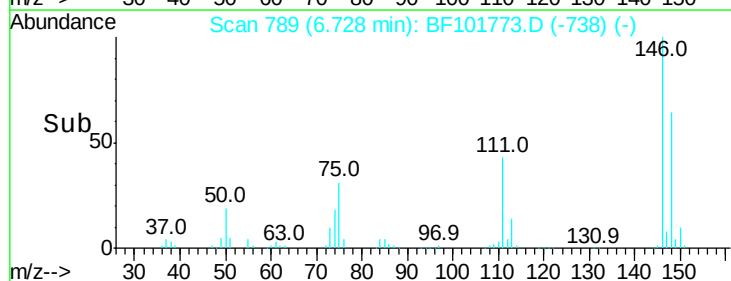
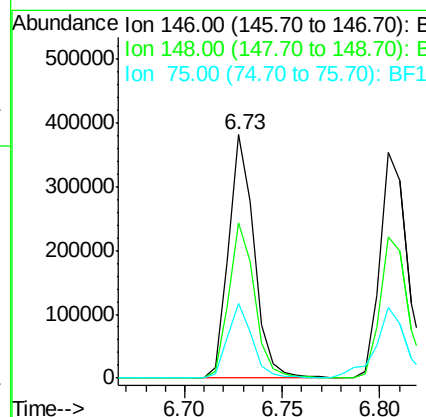
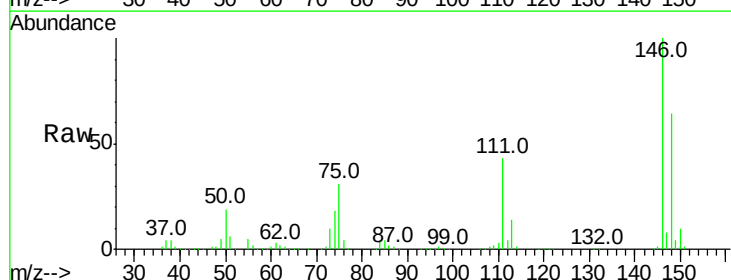
Instrument :
BNA_F
ClientSampleId :

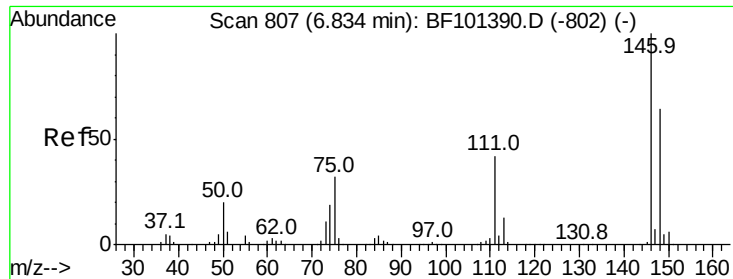
Tot Ion: 93 Resp: 331171
Ion Ratio Lower Upper
93 100
63 84.8 58.6 98.6
95 31.8 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 29.832 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF101773.D
Acq: 27 Dec 2017 20:09

Tgt Ion: 146 Resp: 347844
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.8
75 30.7 24.2 36.4

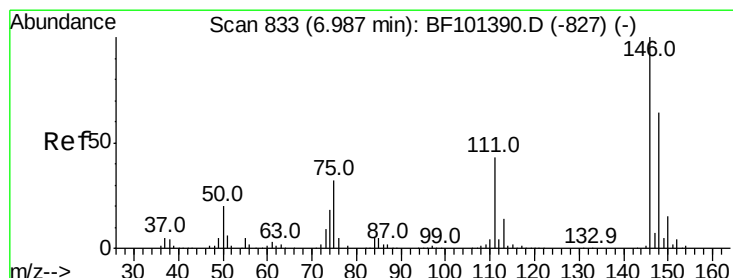
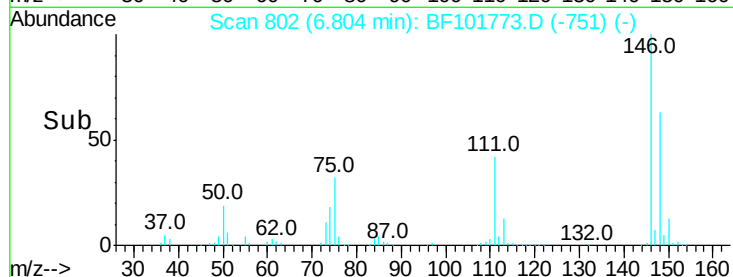
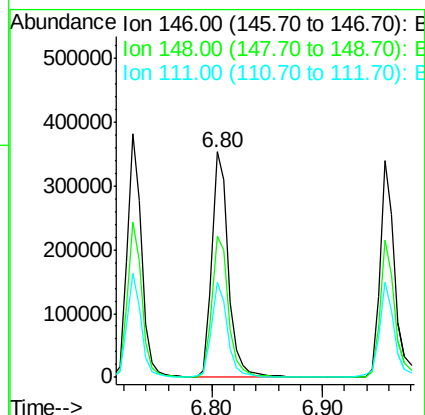
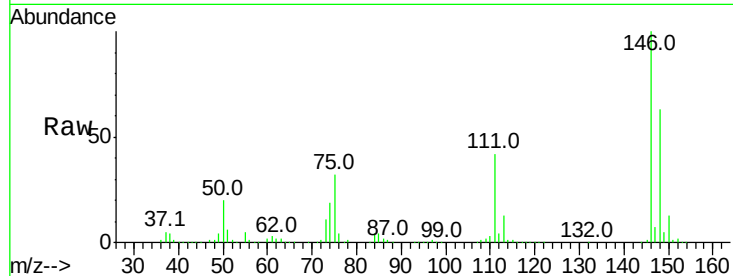




#13
 1,4-Dichlorobenzene
 Concen: 30.156 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF101773.D
 Acq: 27 Dec 2017 20:09

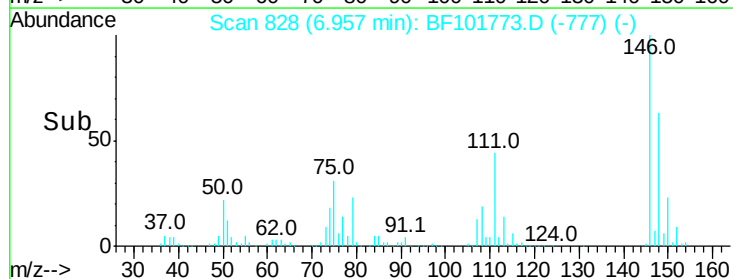
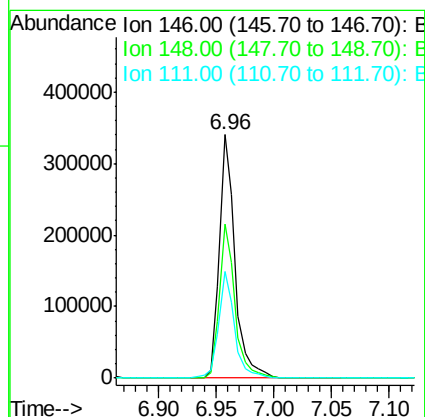
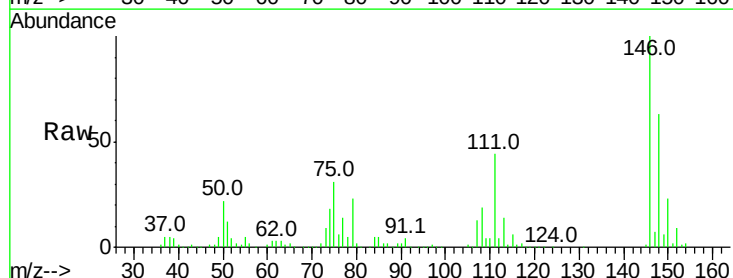
Instrument :
 BNA_F
 ClientSampleId :

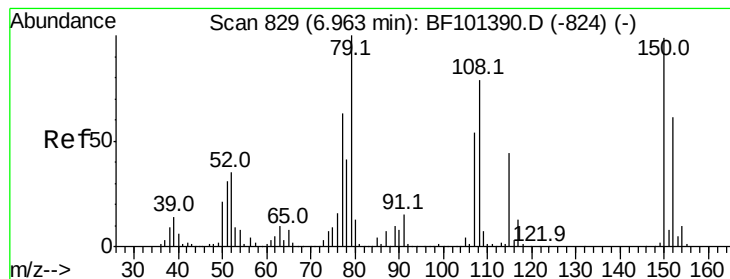
Tot Ion:146 Resp: 359072
 Ion Ratio Lower Upper
 146 100
 148 62.6 50.8 76.2
 111 42.3 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 29.787 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF101773.D
 Acq: 27 Dec 2017 20:09

Tgt Ion:146 Resp: 319255
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.6 75.8
 111 43.9 36.0 54.0





#15

Benzyl Alcohol

Concen: 29.878 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF101773.D

Acq: 27 Dec 2017 20:09

Instrument :

BNA_F

ClientSampleId :

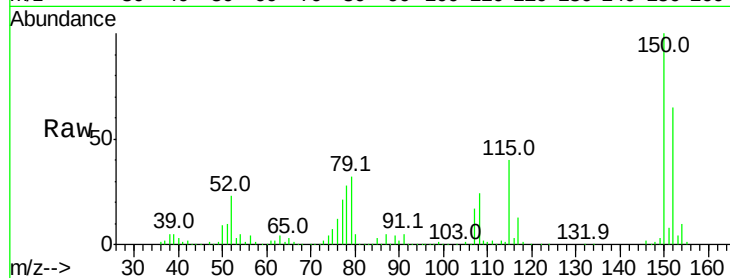
Tot Ion: 79 Resp: 251367

Ion Ratio Lower Upper

79 100

108 76.5 65.1 97.7

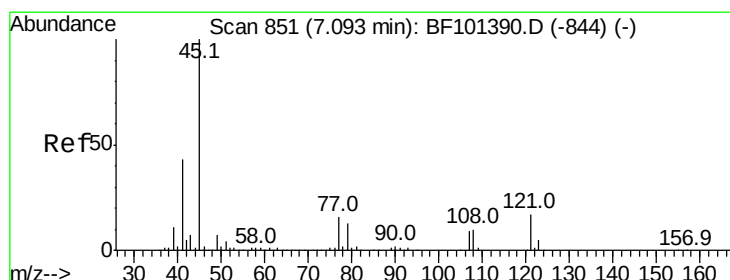
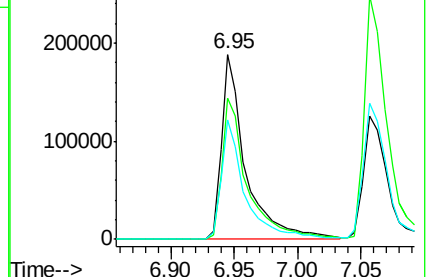
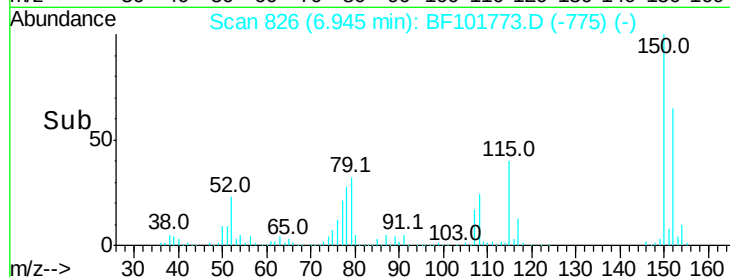
77 64.3 50.6 75.8



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: 31.936 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF101773.D

Acq: 27 Dec 2017 20:09

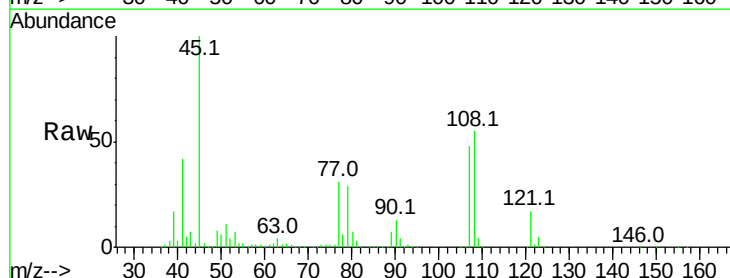
Tgt Ion: 45 Resp: 534110

Ion Ratio Lower Upper

45 100

77 31.2 0.0 32.9

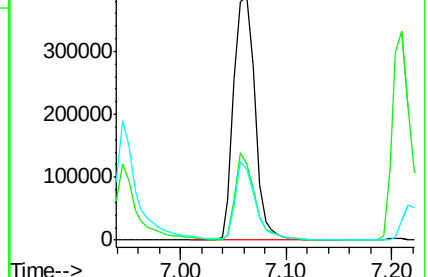
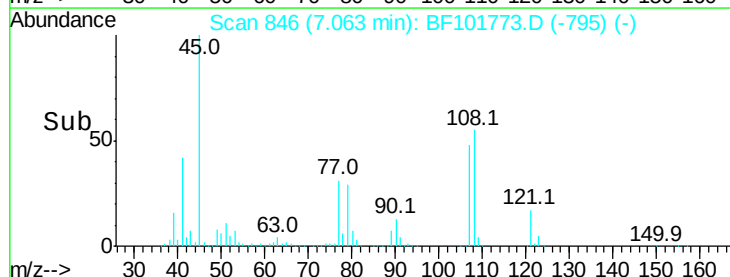
79 28.8 0.0 29.6

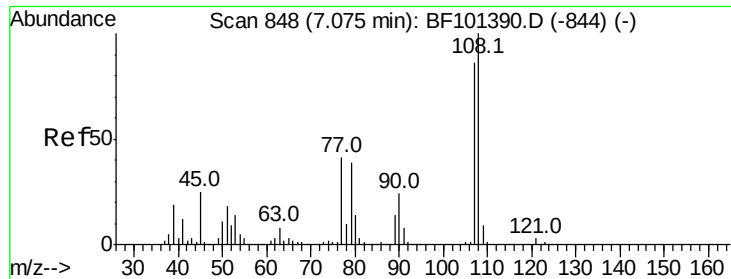


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

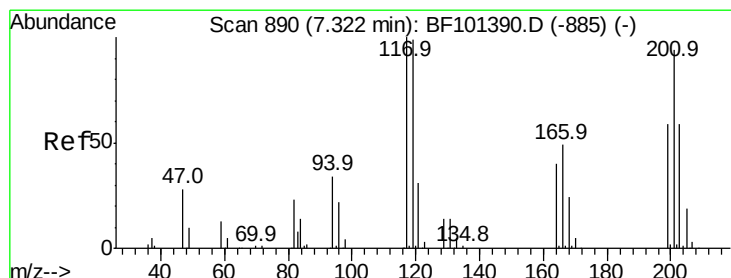
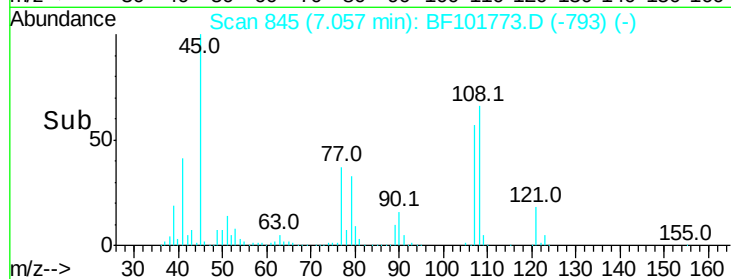
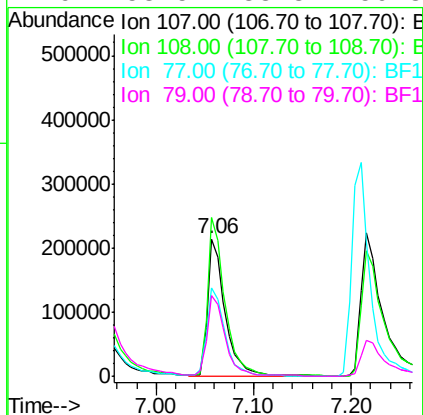
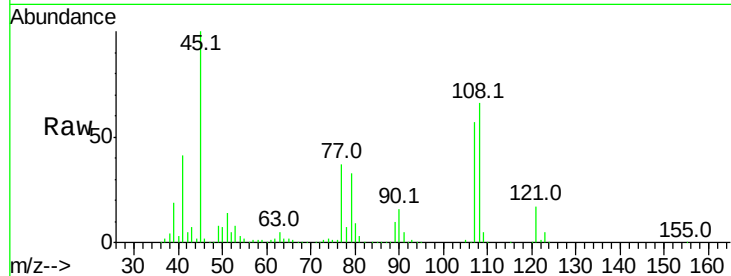




#17
2-Methylphenol
Concen: 27.520 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.01 min
Lab File: BF101773.D
Acq: 27 Dec 2017 20:09

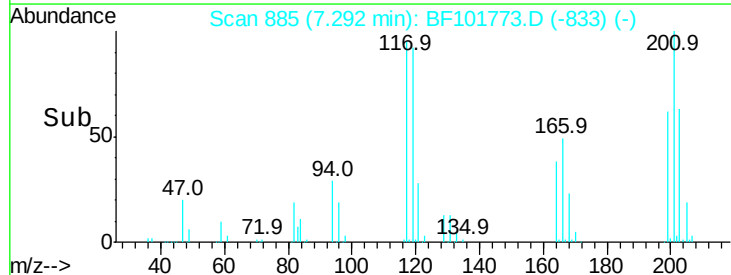
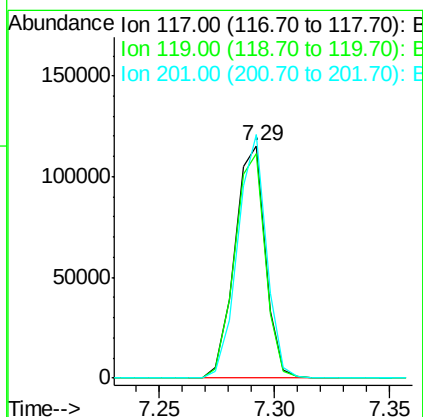
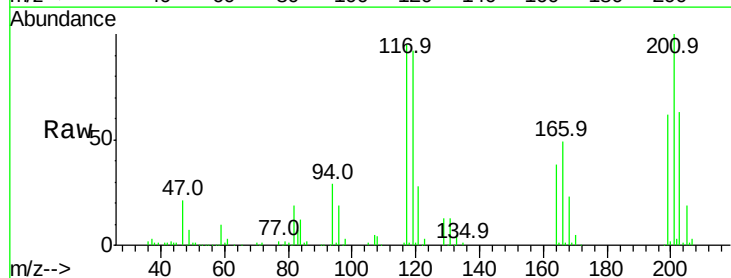
Instrument :
BNA_F
ClientSampleId :

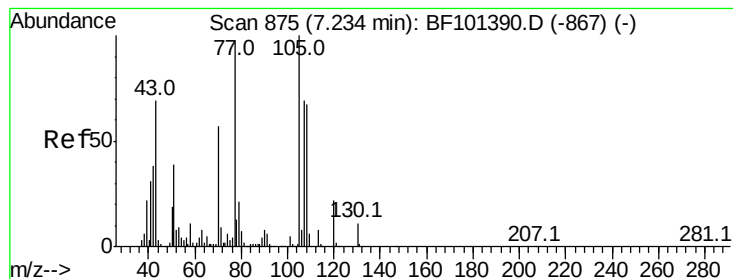
Tot Ion:107 Resp: 261530
Ion Ratio Lower Upper
107 100
108 115.8 91.7 137.5
77 64.4 33.8 50.8#
79 58.5 33.8 50.8#



#18
Hexachloroethane
Concen: 25.811 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF101773.D
Acq: 27 Dec 2017 20:09

Tgt Ion:117 Resp: 106853
Ion Ratio Lower Upper
117 100
119 96.6 75.8 113.8
201 104.8 75.7 113.5





#19

n-Nitroso-di-n-propylamine

Concen: 28.412 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.00 min

Lab File: BF101773.D

Acq: 27 Dec 2017 20:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 228063

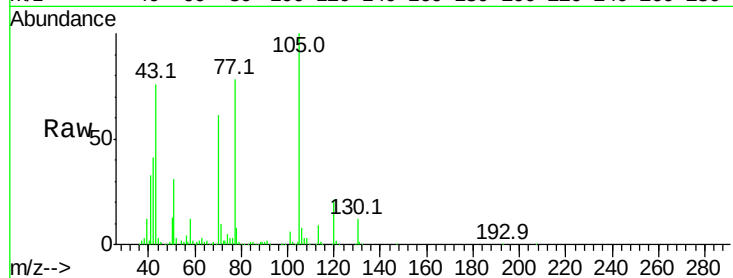
Ion Ratio Lower Upper

70 100

42 68.2 47.5 71.3

101 9.8 7.4 11.2

130 19.2 16.6 25.0

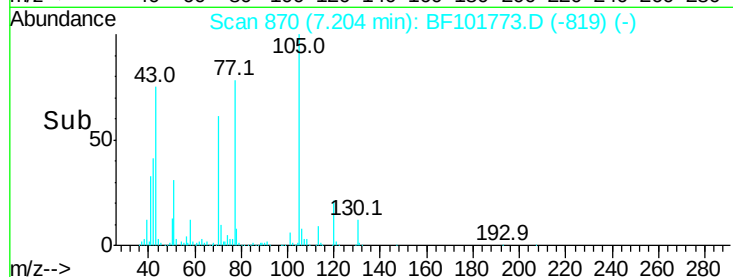
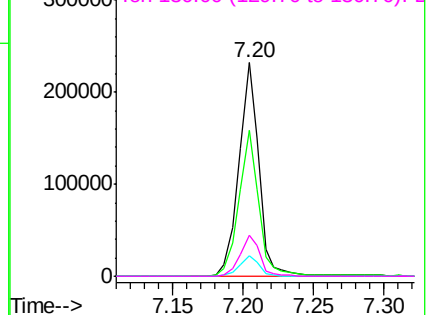


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 35.870 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF101773.D

Acq: 27 Dec 2017 20:09

Tgt Ion: 107 Resp: 361230

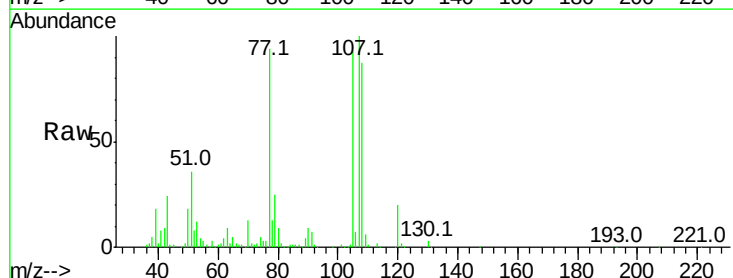
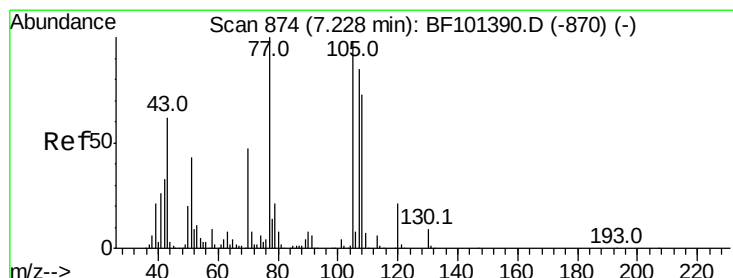
Ion Ratio Lower Upper

107 100

108 87.2 68.2 108.2

77 93.6 26.7 66.7#

79 24.9 6.3 46.3

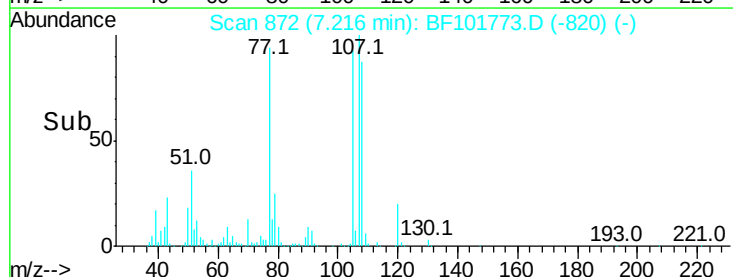
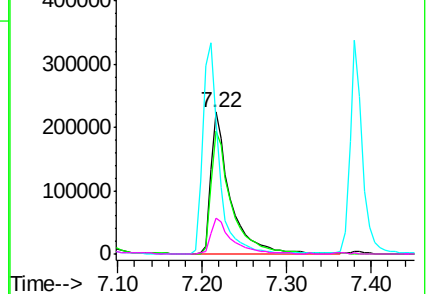


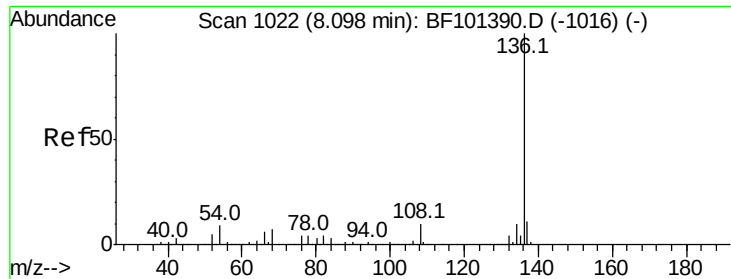
Abundance Ion 107.00 (106.70 to 107.70): BF1

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

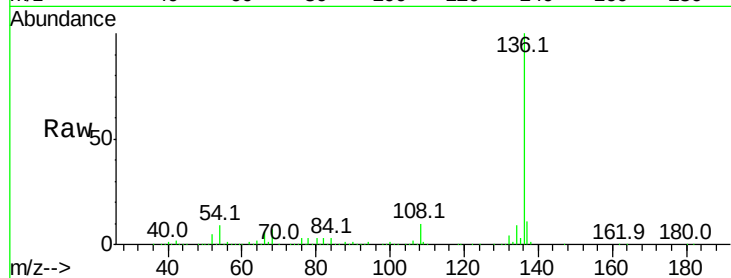




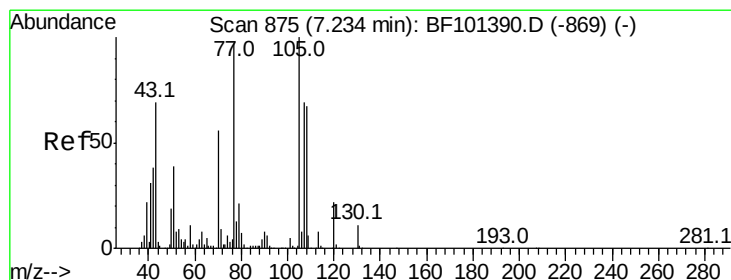
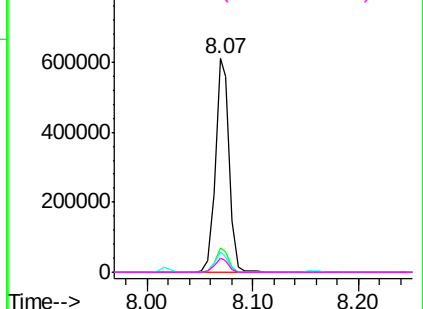
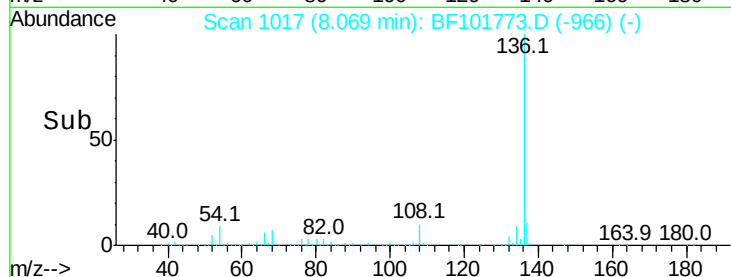
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF101773.D
Acq: 27 Dec 2017 20:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp: 566411
Ion Ratio	Lower Upper
136 100	
137 11.3	8.9 13.3
54 9.4	6.6 9.8
68 6.9	5.0 7.4

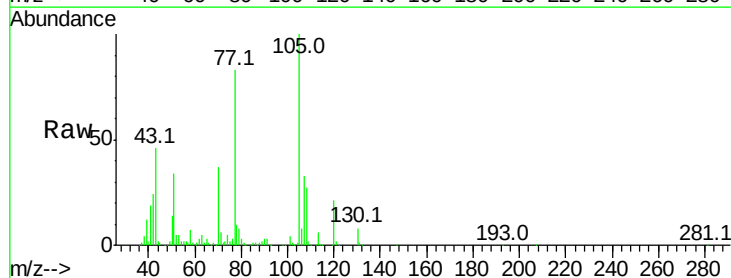


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

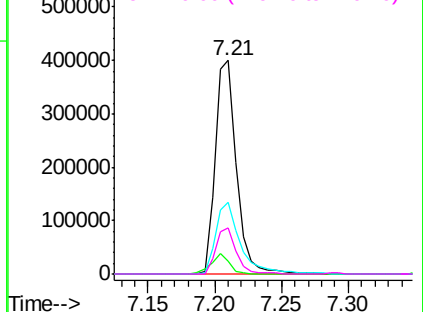
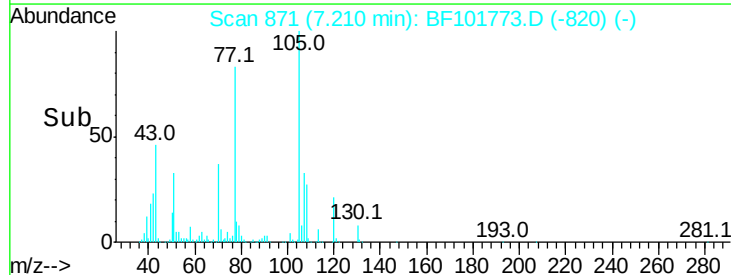


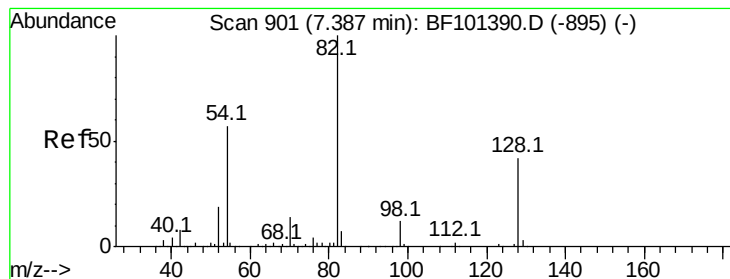
#22
Acetophenone
Concen: 34.750 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF101773.D
Acq: 27 Dec 2017 20:09

Tgt Ion:105	Resp: 449113
Ion Ratio	Lower Upper
105 100	
71 5.9	4.4 6.6
51 33.5	22.3 33.5#
120 21.4	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: 65.669 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.00 min

Lab File: BF101773.D

Acq: 27 Dec 2017 20:09

Instrument :

BNA_F

ClientSampleId :

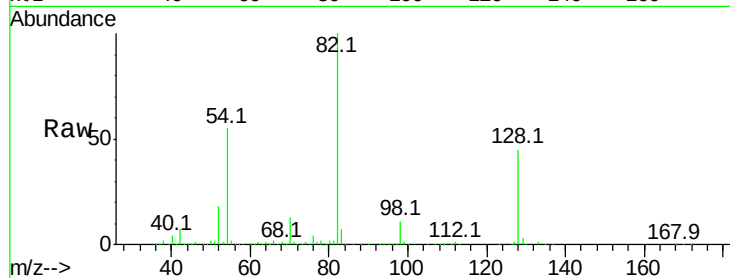
Tot Ion: 82 Resp: 668196

Ion Ratio Lower Upper

82 100

128 45.0 36.1 54.1

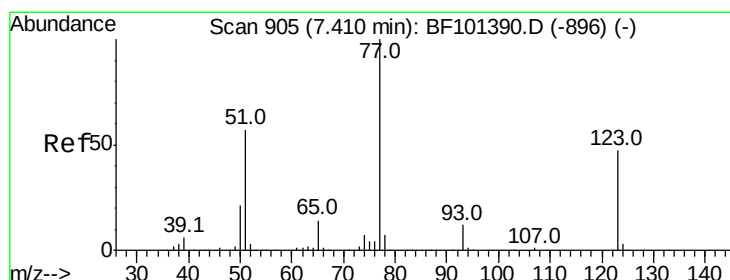
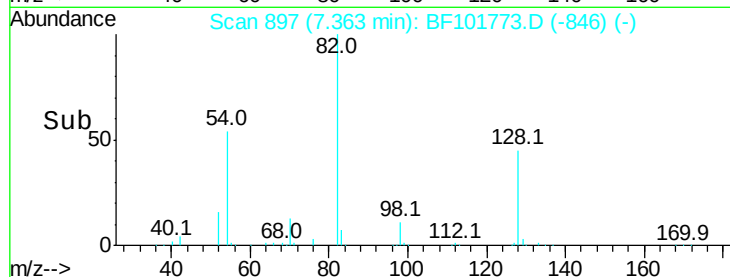
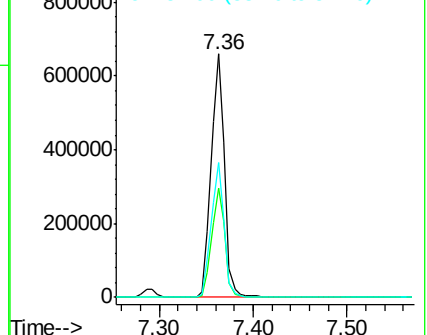
54 55.2 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 31.102 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF101773.D

Acq: 27 Dec 2017 20:09

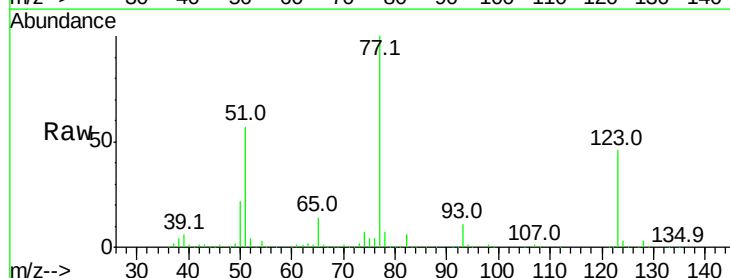
Tgt Ion: 77 Resp: 350254

Ion Ratio Lower Upper

77 100

123 46.4 37.9 56.9

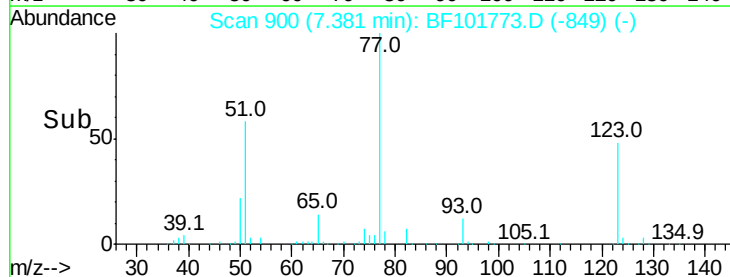
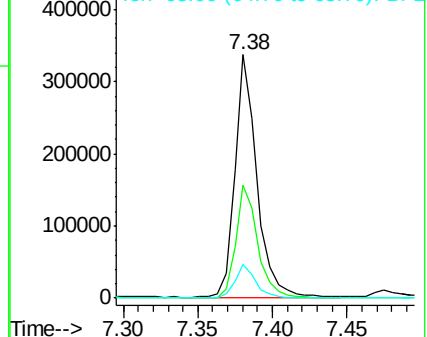
65 13.9 11.0 16.4

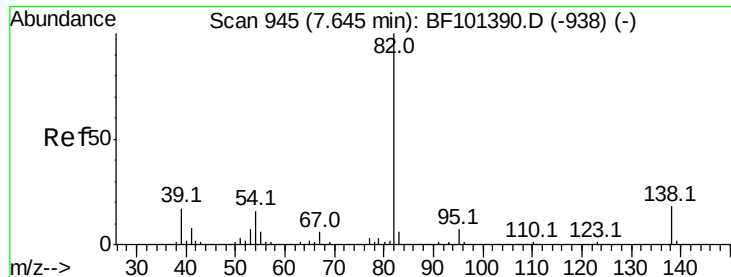


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 30.841 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF101773.D

Acq: 27 Dec 2017 20:09

Instrument :

BNA_F

ClientSampleId :

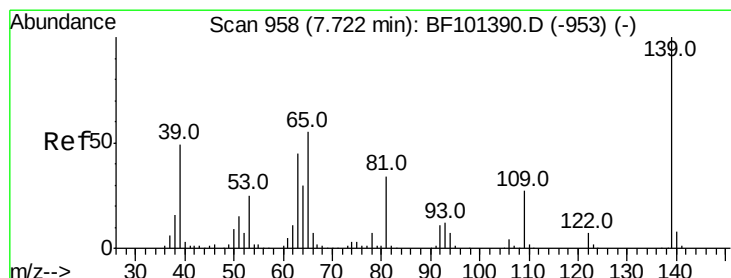
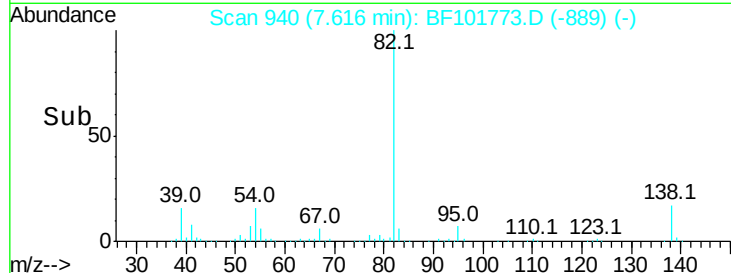
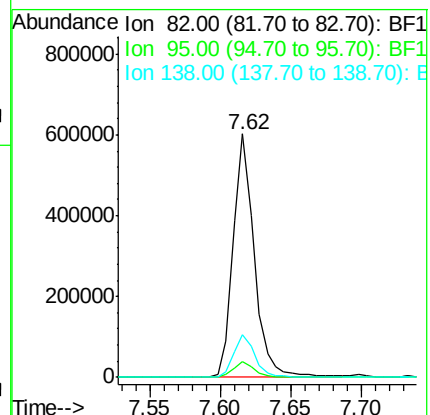
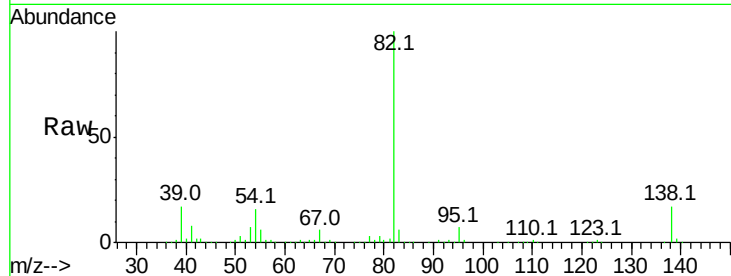
Tot Ion: 82 Resp: 629534

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 17.4 14.9 22.3



#26

2-Nitrophenol

Concen: 35.705 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF101773.D

Acq: 27 Dec 2017 20:09

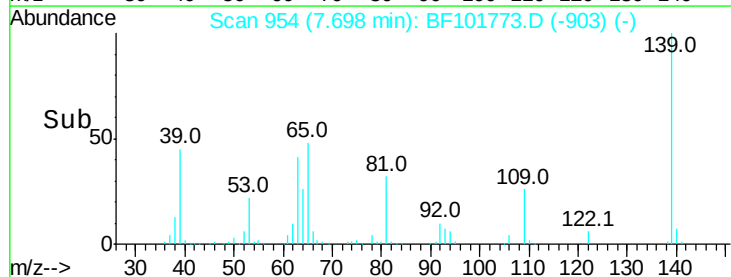
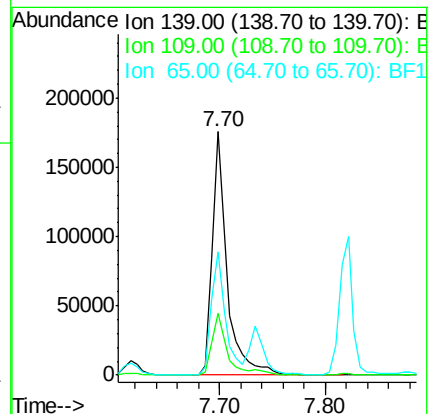
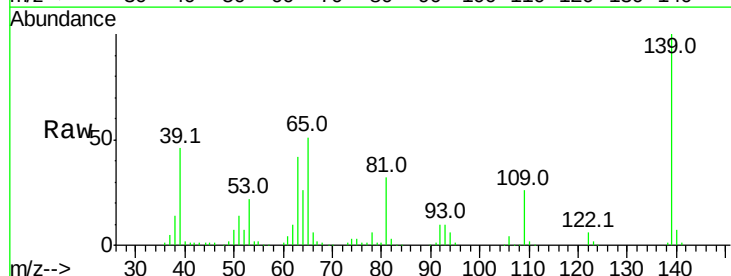
Tgt Ion: 139 Resp: 172746

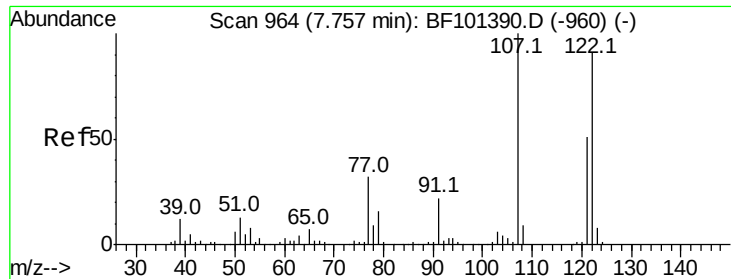
Ion Ratio Lower Upper

139 100

109 25.5 22.7 34.1

65 50.6 40.5 60.7

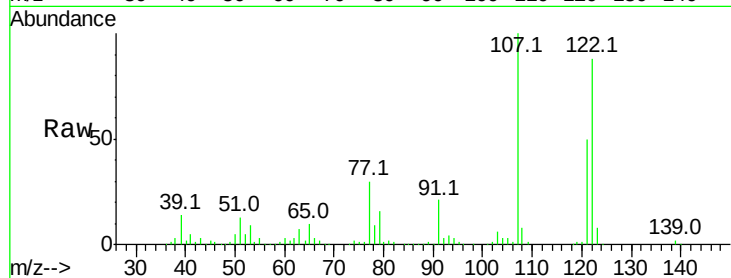




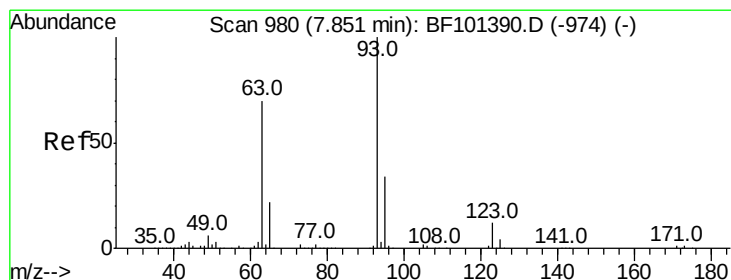
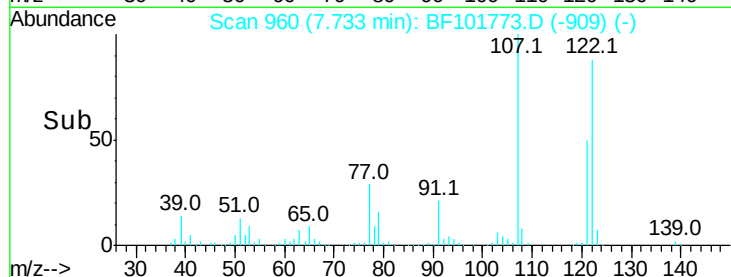
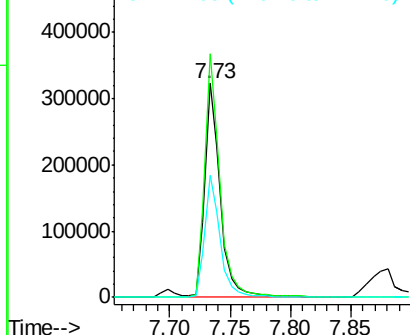
#27
 2,4-Dimethylphenol
 Concen: 34.801 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.00 min
 Lab File: BF101773.D
 Acq: 27 Dec 2017 20:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 286043
 Ion Ratio Lower Upper
 122 100
 107 114.0 91.2 136.8
 121 57.2 47.2 70.8

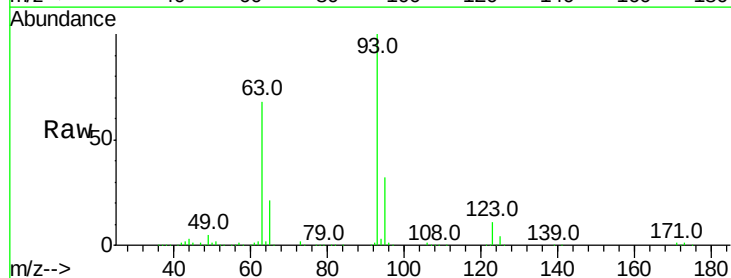


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

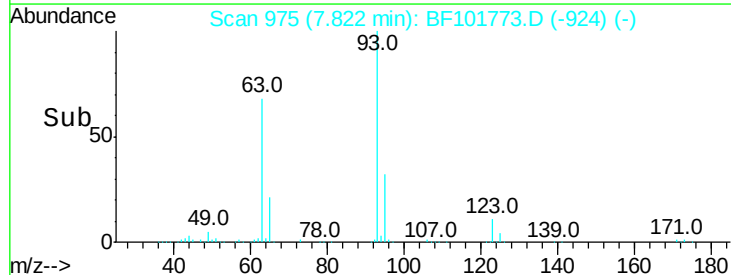
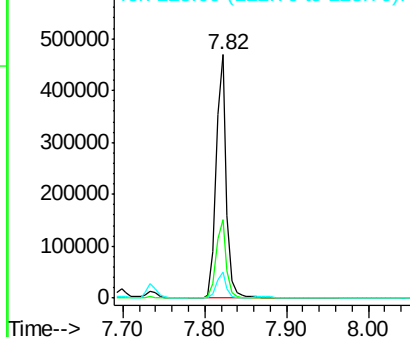


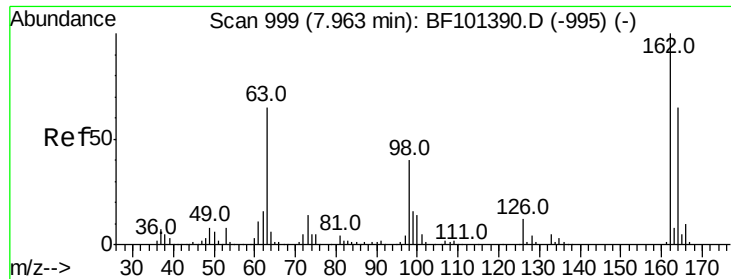
#28
 bis(2-Chloroethoxy)methane
 Concen: 31.345 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: BF101773.D
 Acq: 27 Dec 2017 20:09

Tgt Ion: 93 Resp: 406428
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.3 39.5
 123 10.8 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

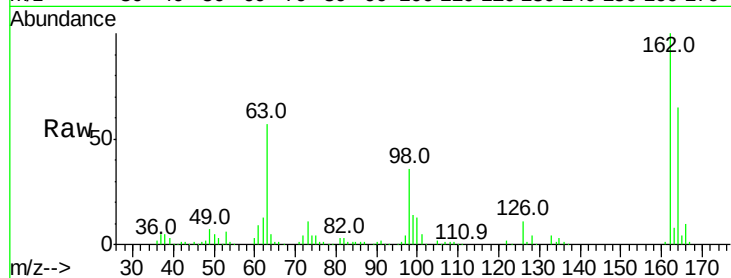




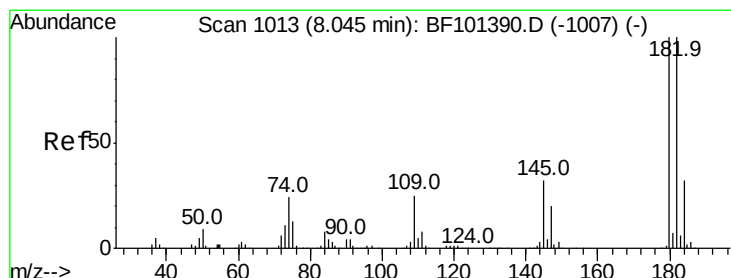
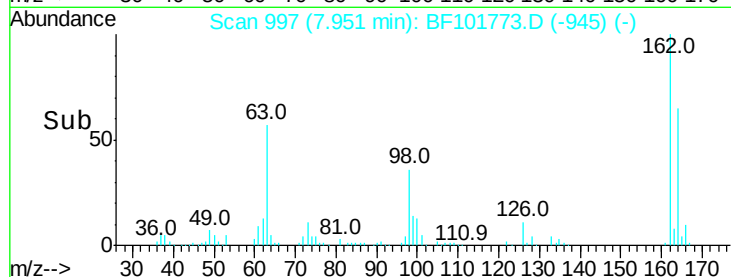
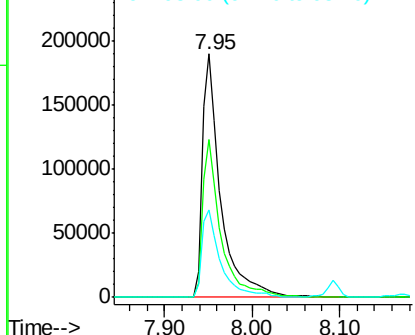
#29
2,4-Dichlorophenol
Concen: 34.010 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.01 min
Lab File: BF101773.D
Acq: 27 Dec 2017 20:09

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	42.7	82.7
98	36.0	18.1	58.1

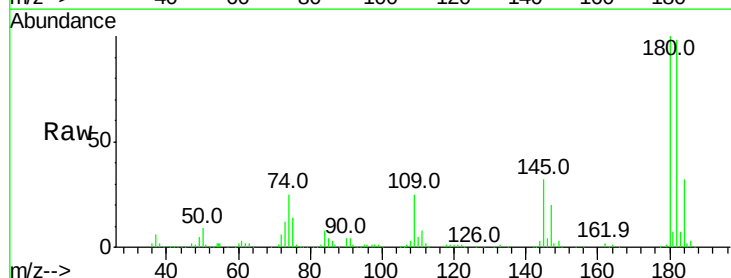


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

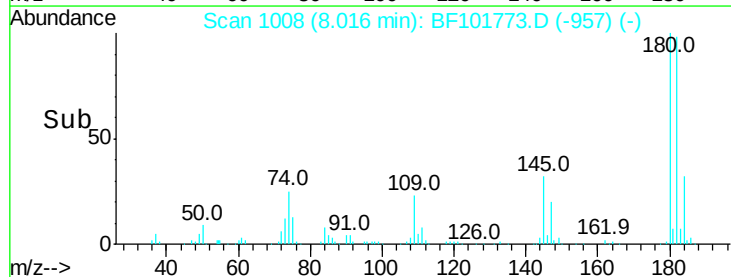
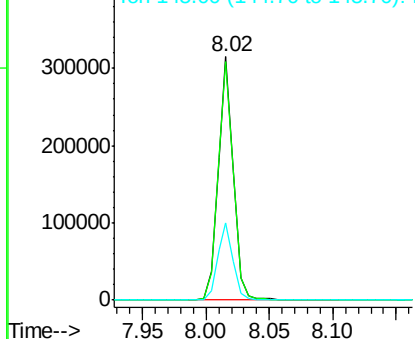


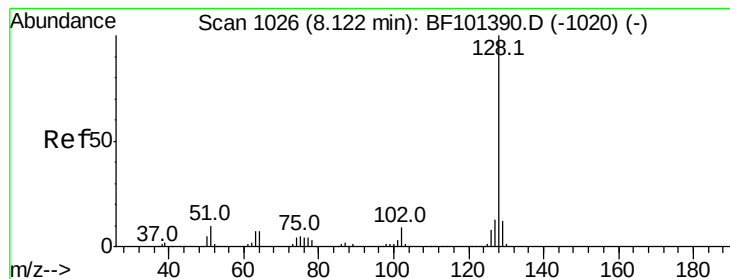
#30
1,2,4-Trichlorobenzene
Concen: 30.973 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF101773.D
Acq: 27 Dec 2017 20:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.0	76.8	115.2
145	31.8	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: 30.784 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF101773.D

Acq: 27 Dec 2017 20:09

Instrument :

BNA_F

ClientSampleId :

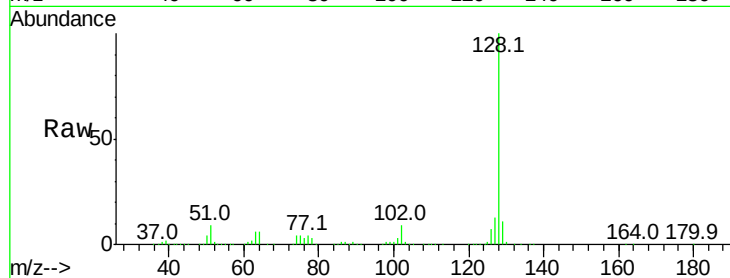
Tot Ion:128 Resp: 877803

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

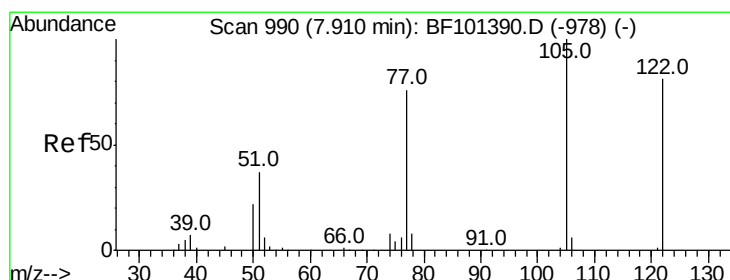
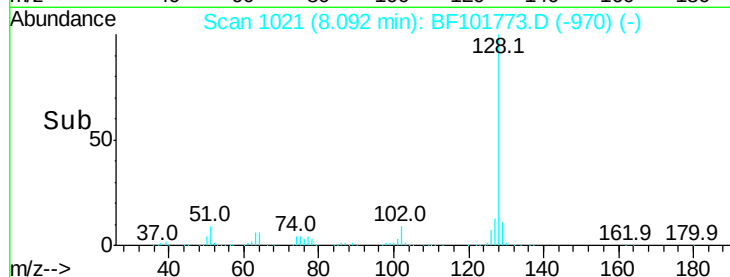
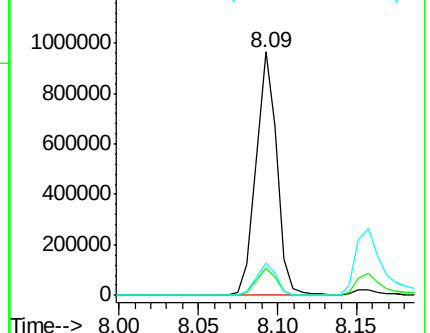
127 13.4 10.9 16.3



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: 20.075 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.02 min

Lab File: BF101773.D

Acq: 27 Dec 2017 20:09

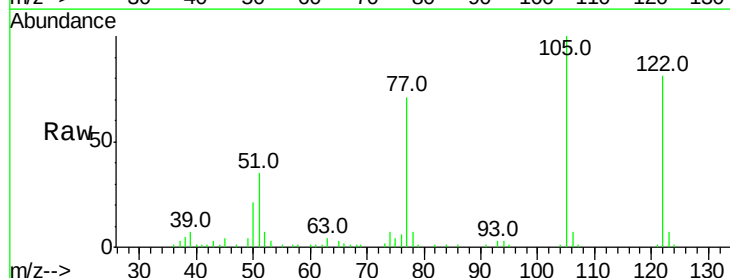
Tgt Ion:122 Resp: 80429

Ion Ratio Lower Upper

122 100

105 123.2 101.1 141.1

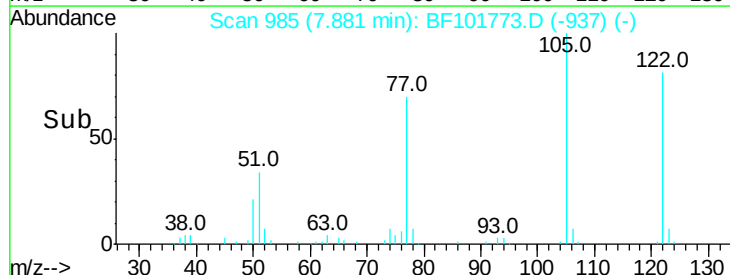
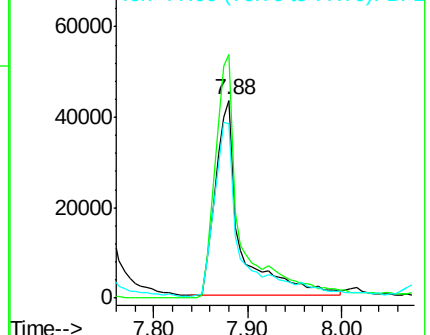
77 88.0 70.7 110.7

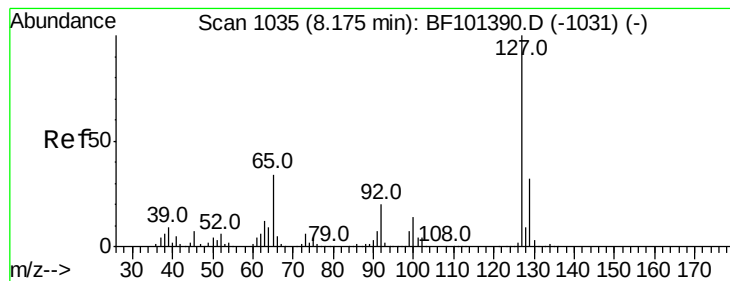


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 27.593 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.01 min

Lab File: BF101773.D

Acq: 27 Dec 2017 20:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 341976

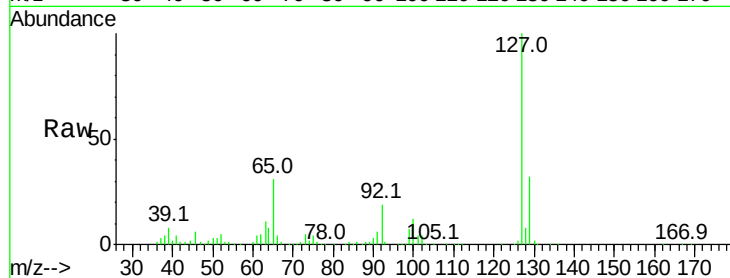
Ion Ratio Lower Upper

127 100

129 32.4 25.9 38.9

65 30.8 25.0 37.4

92 18.9 15.2 22.8

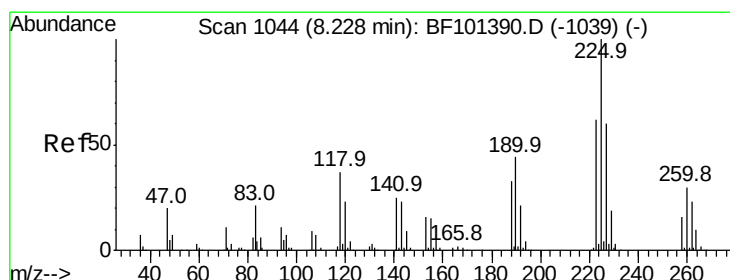
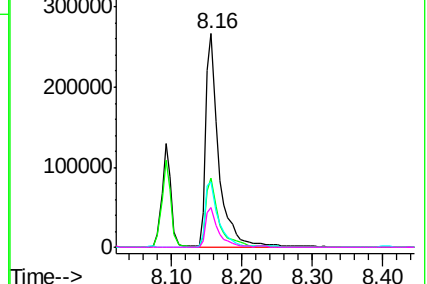
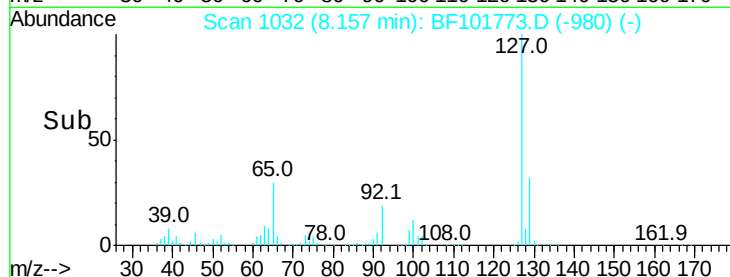


Abundance Ion 127.00 (126.70 to 127.70): E

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: 30.159 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF101773.D

Acq: 27 Dec 2017 20:09

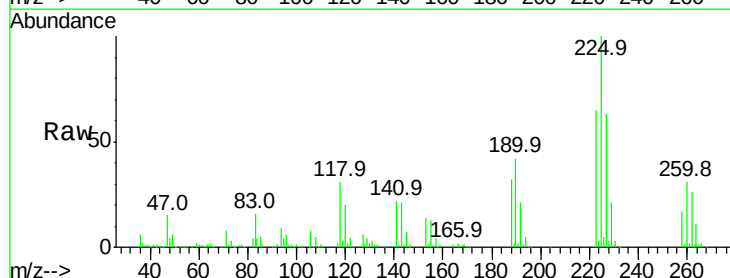
Tgt Ion:225 Resp: 149476

Ion Ratio Lower Upper

225 100

223 64.5 50.6 76.0

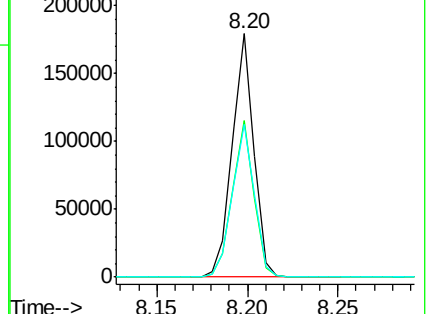
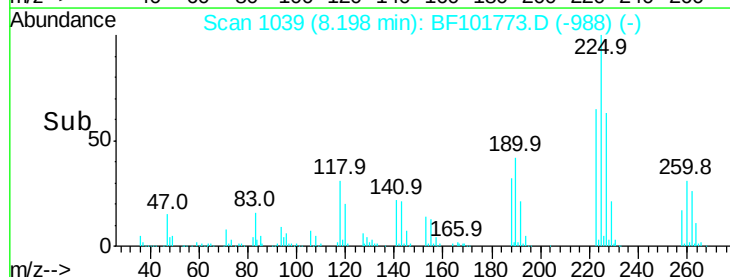
227 62.5 51.9 77.9

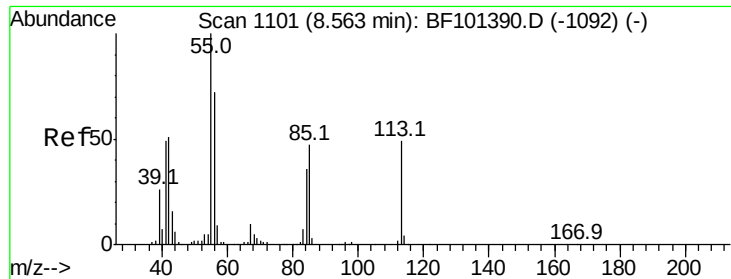


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 30.579 ng

RT: 8.53 min Scan# 1096

Delta R.T. -0.00 min

Lab File: BF101773.D

Acq: 27 Dec 2017 20:09

Instrument :

BNA_F

ClientSampleId :

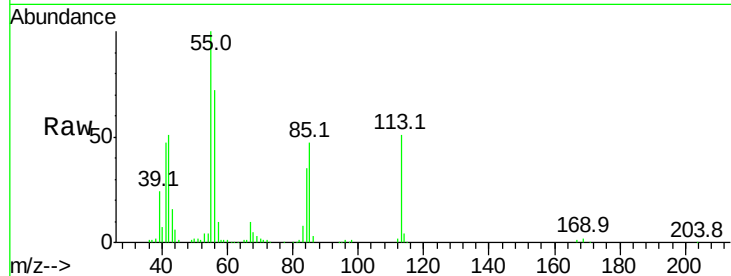
Tot Ion:113 Resp: 86220

Ion Ratio Lower Upper

113 100

55 197.2 163.3 203.3

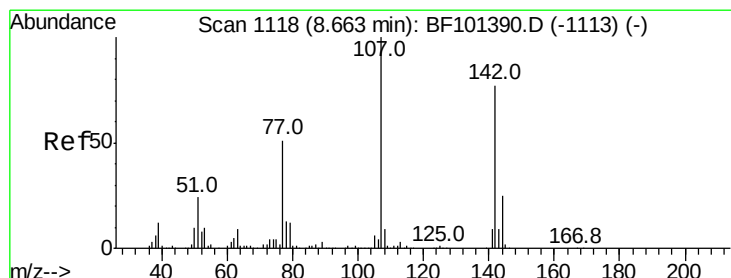
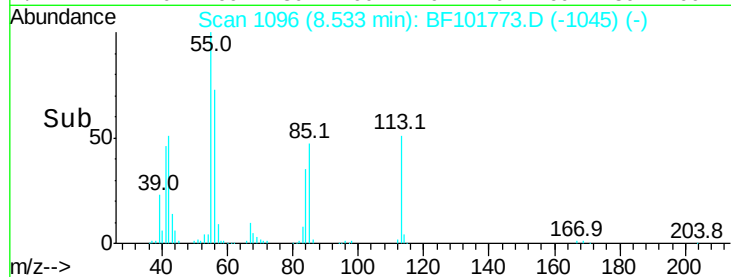
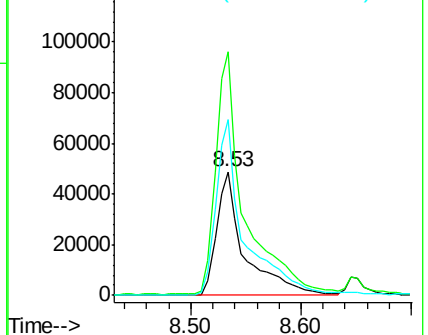
56 142.7 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 31.309 ng

RT: 8.65 min Scan# 1115

Delta R.T. 0.01 min

Lab File: BF101773.D

Acq: 27 Dec 2017 20:09

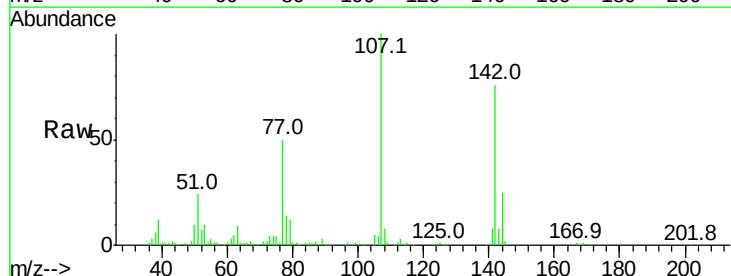
Tgt Ion:107 Resp: 279436

Ion Ratio Lower Upper

107 100

144 24.8 20.5 30.7

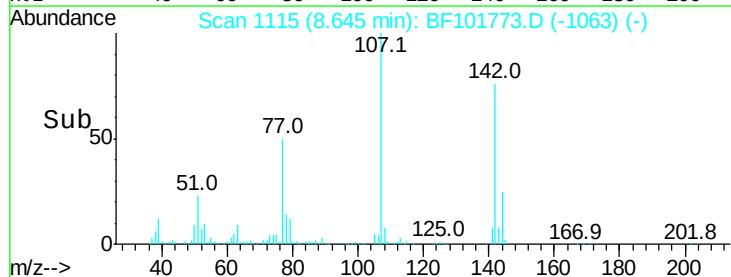
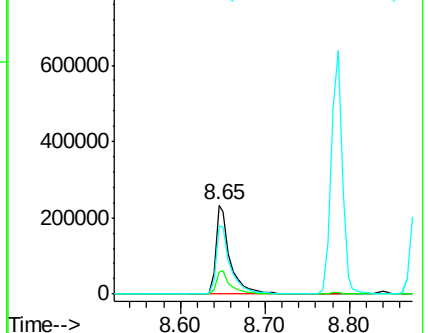
142 75.9 62.0 93.0

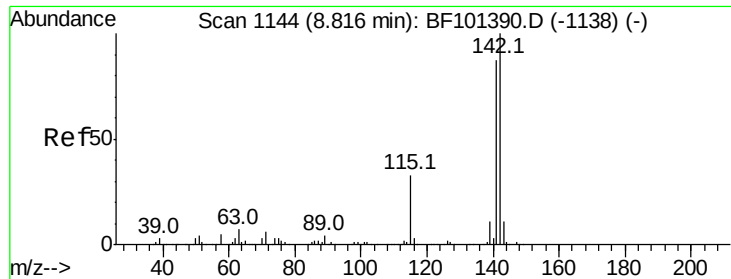


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

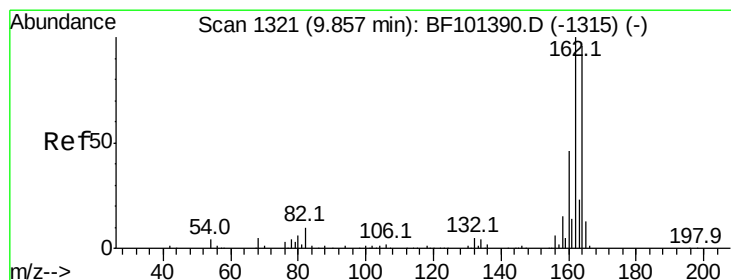
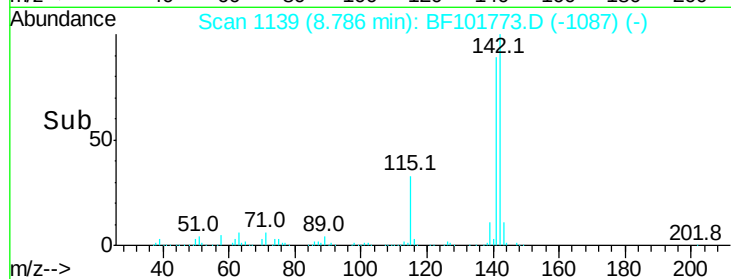
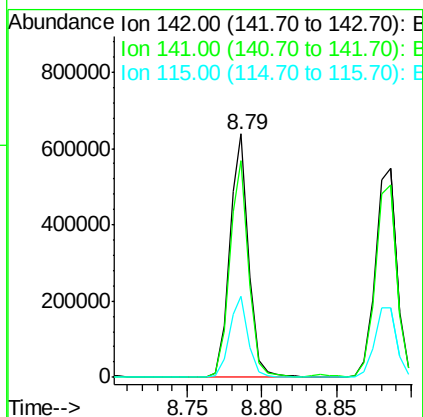
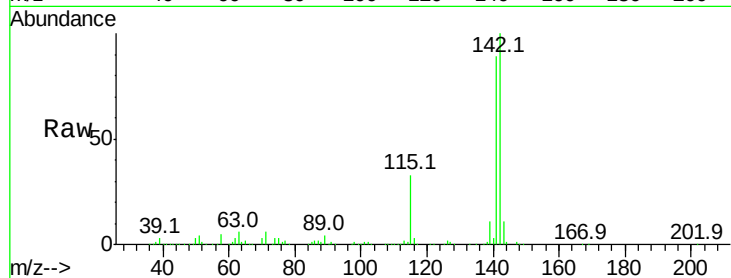




#37
 2-Methylnaphthalene
 Concen: 30.638 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: BF101773.D
 Acq: 27 Dec 2017 20:09

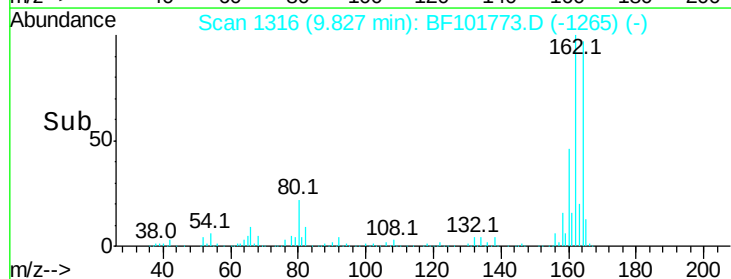
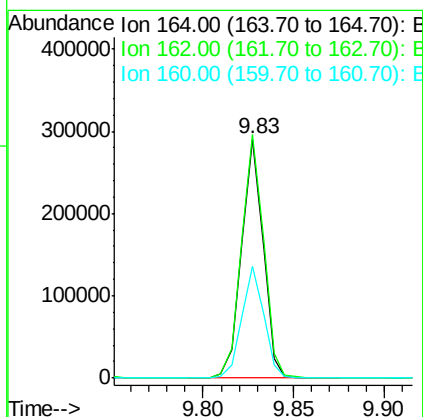
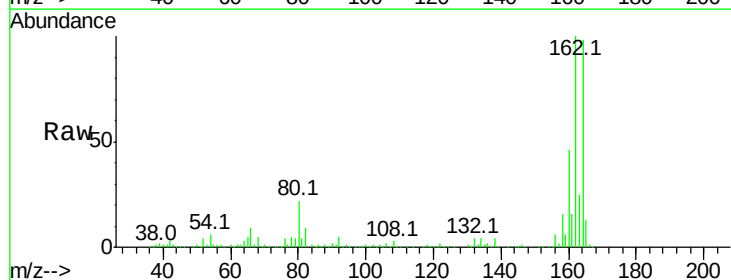
Instrument :
 BNA_F
 ClientSampleId :

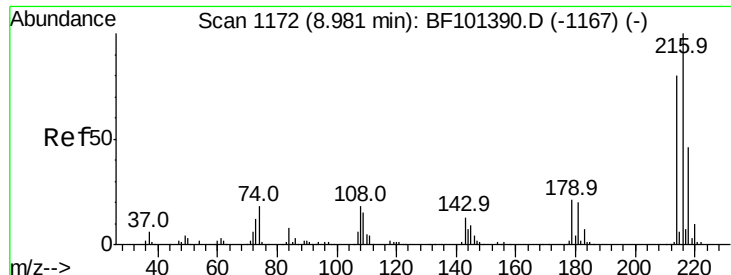
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.8	106.2
115	33.1	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: BF101773.D
 Acq: 27 Dec 2017 20:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	86.1	129.1
160	46.8	38.3	57.5

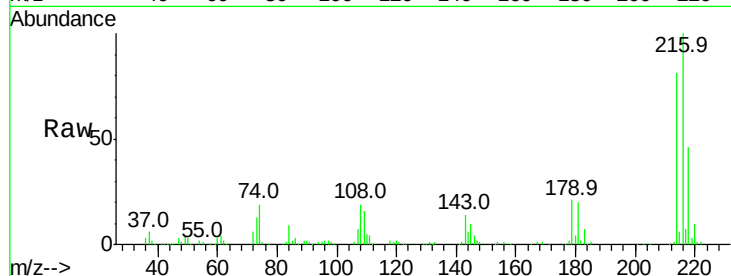




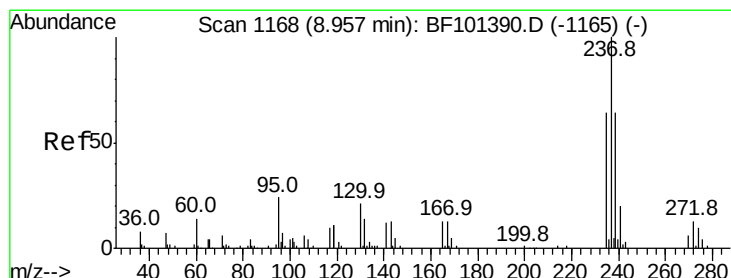
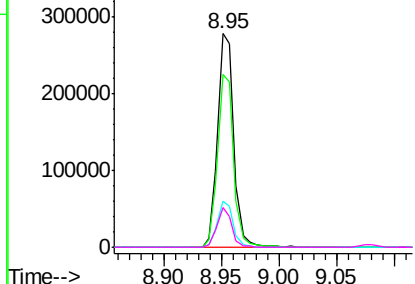
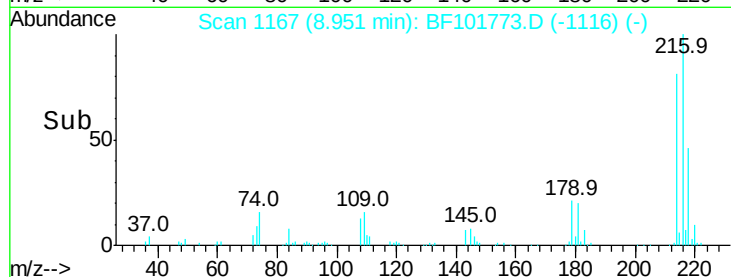
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.449 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF101773.D
 Acq: 27 Dec 2017 20:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	272506
Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.0	94.4
179	20.7	18.1	27.1
108	16.9	17.2	25.8#

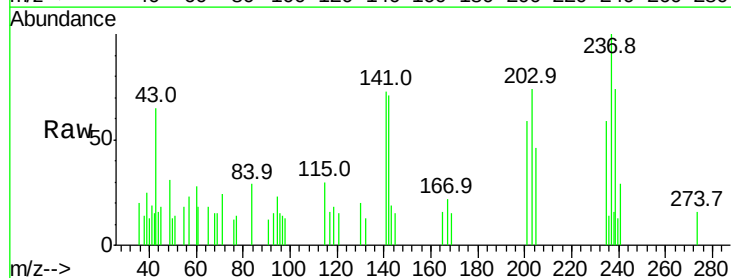


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

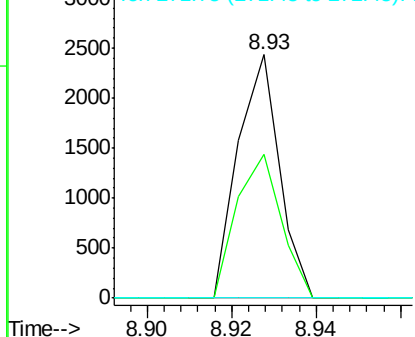
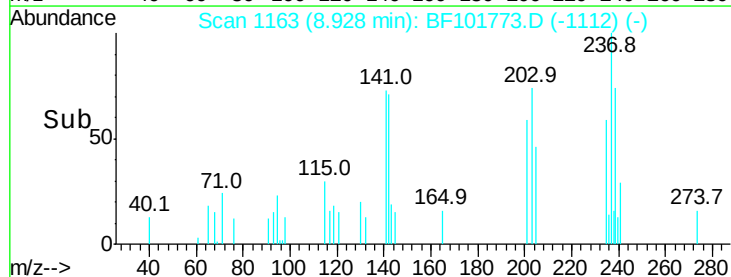


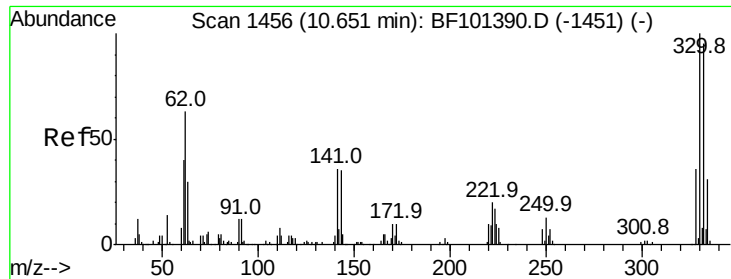
#40
 Hexachlorocyclopentadiene
 Concen: 12.718 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF101773.D
 Acq: 27 Dec 2017 20:09

Tgt Ion:	237	Resp:	1659
Ion	Ratio	Lower	Upper
237	100		
235	59.0	44.8	84.8
272	0.0	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

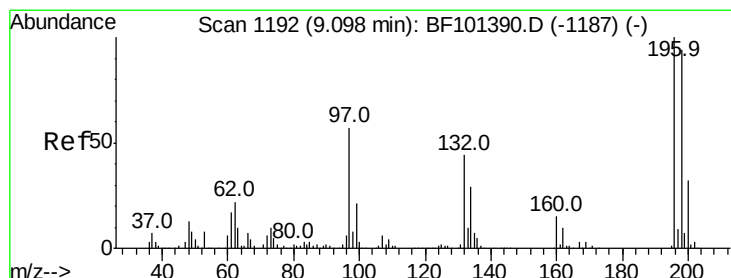
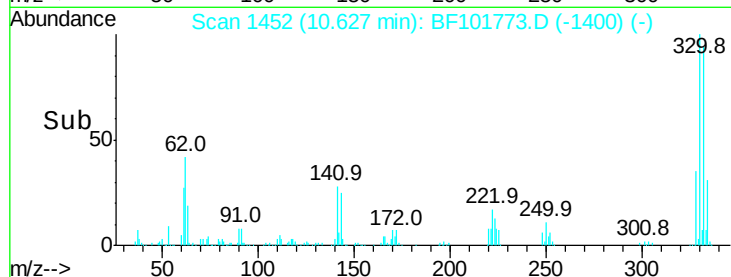
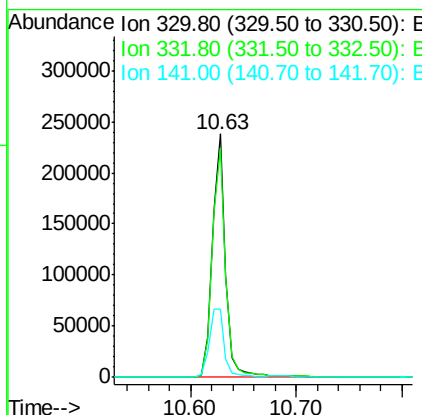
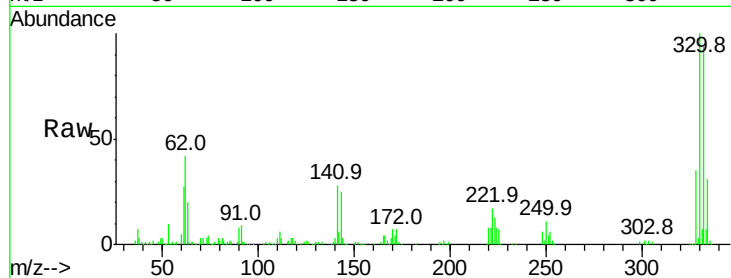




#41
 2,4,6-Tribromophenol
 Concen: 90.980 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: BF101773.D
 Acq: 27 Dec 2017 20:09

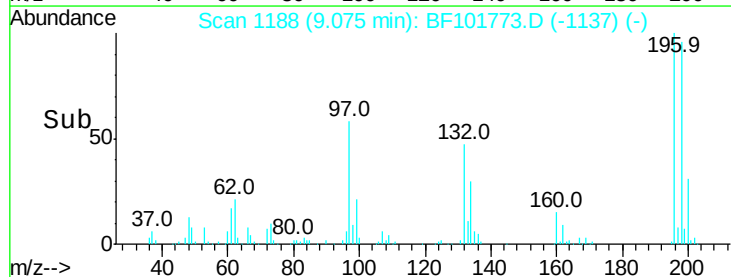
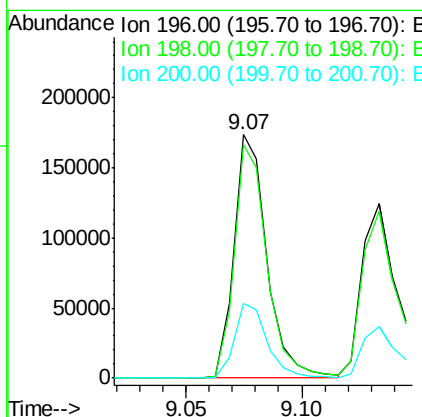
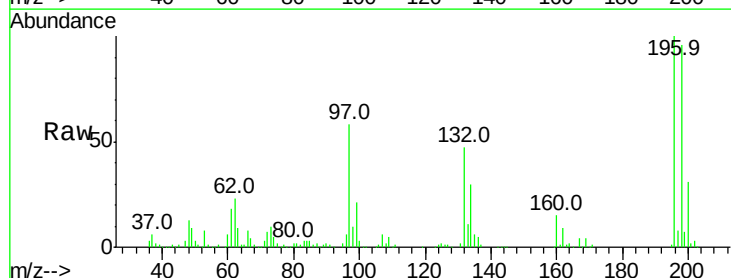
Instrument :
 BNA_F
 ClientSampleId :

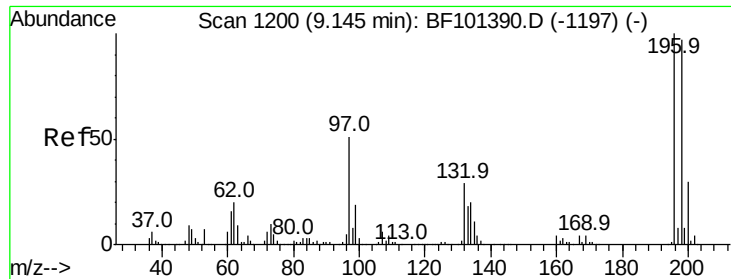
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	31.8	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 35.107 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF101773.D
 Acq: 27 Dec 2017 20:09

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.6	75.7	113.5
200	30.5	24.5	36.7

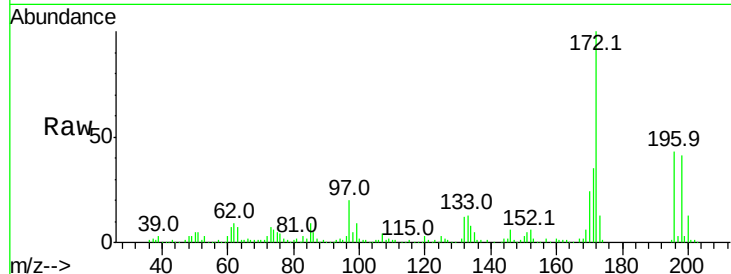




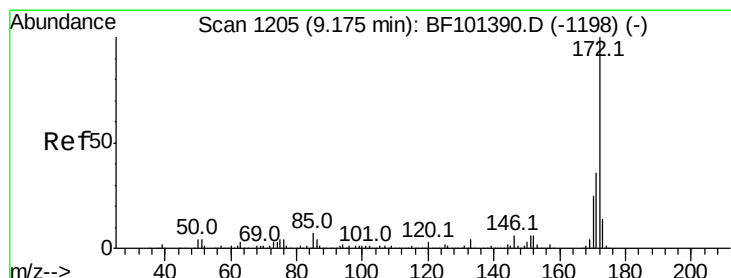
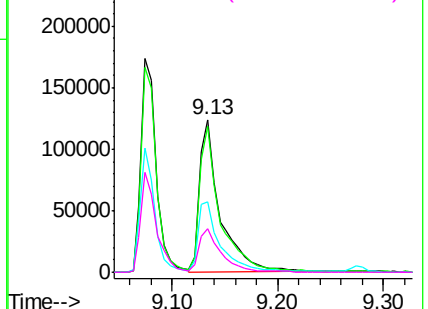
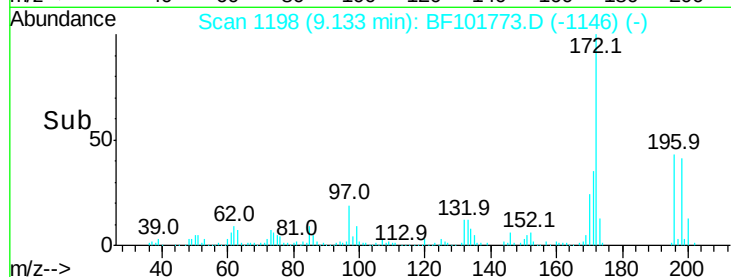
#43
 2,4,5-Trichlorophenol
 Concen: 30.844 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF101773.D
 Acq: 27 Dec 2017 20:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 165641
 Ion Ratio Lower Upper
 196 100
 198 95.7 74.6 112.0
 97 46.2 42.9 64.3
 132 28.8 26.3 39.5

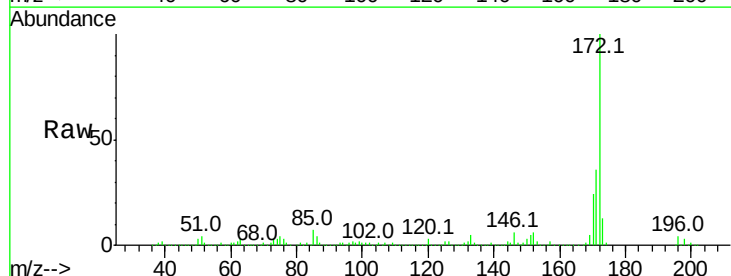


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

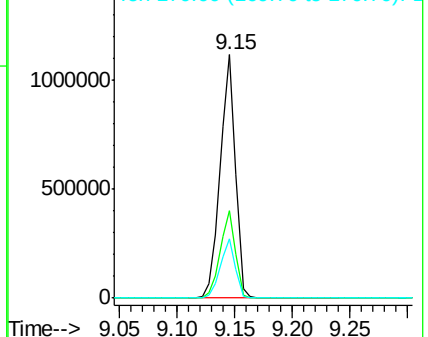
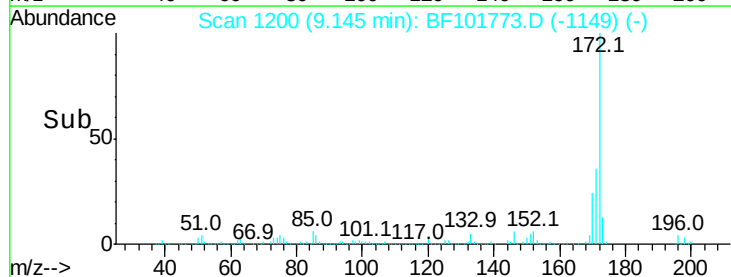


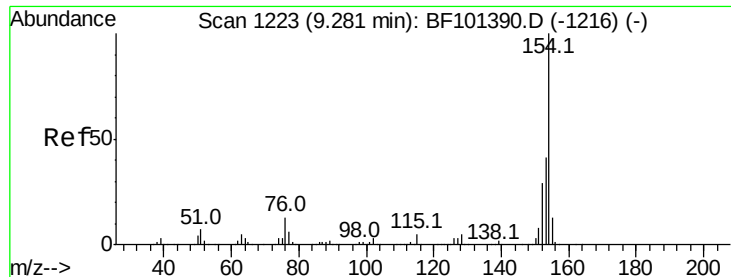
#44
 2-Fluorobiphenyl
 Concen: 65.936 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF101773.D
 Acq: 27 Dec 2017 20:09

Tgt Ion:172 Resp: 1025648
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 24.2 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: 32.521 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.00 min

Lab File: BF101773.D

Acq: 27 Dec 2017 20:09

Instrument :

BNA_F

ClientSampleId :

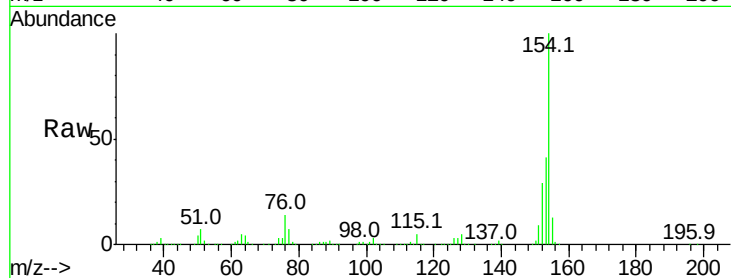
Tot Ion:154 Resp: 695923

Ion Ratio Lower Upper

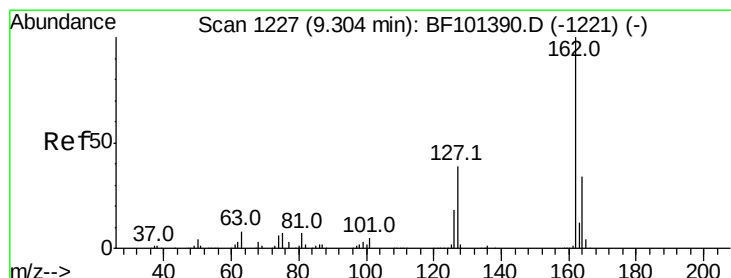
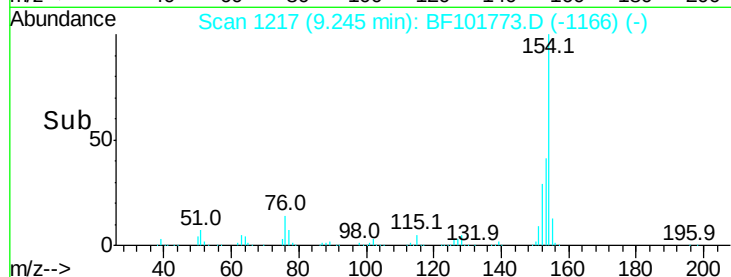
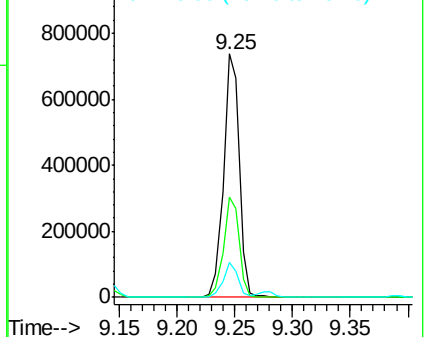
154 100

153 41.0 21.3 61.3

76 14.4 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: 31.116 ng

RT: 9.28 min Scan# 1223

Delta R.T. 0.01 min

Lab File: BF101773.D

Acq: 27 Dec 2017 20:09

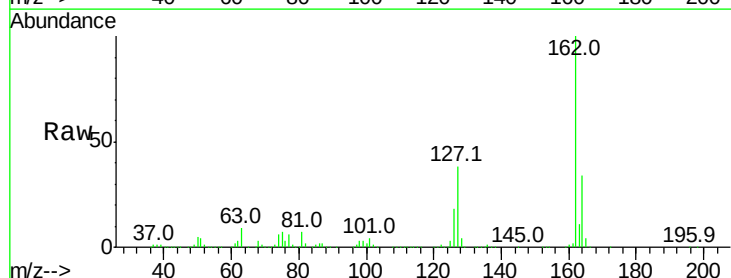
Tgt Ion:162 Resp: 509486

Ion Ratio Lower Upper

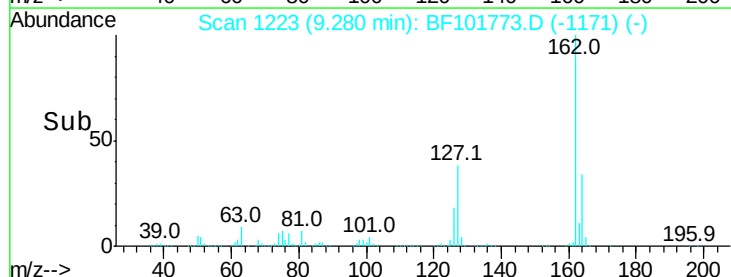
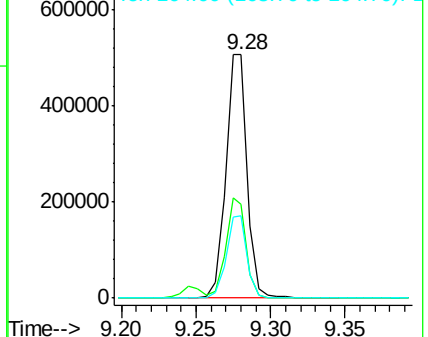
162 100

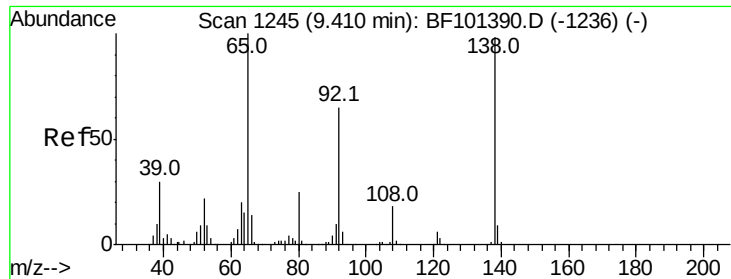
127 38.4 33.9 50.9

164 33.9 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: 32.360 ng

RT: 9.39 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BF101773.D

Acq: 27 Dec 2017 20:09

Instrument :

BNA_F

ClientSampled :

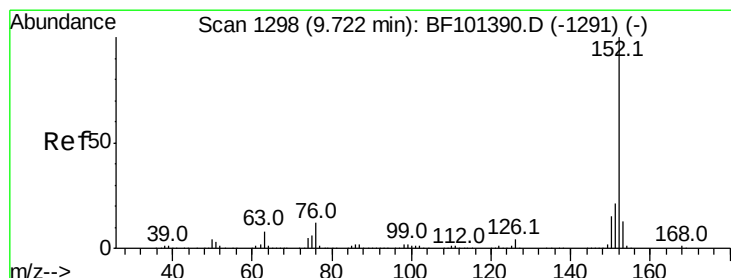
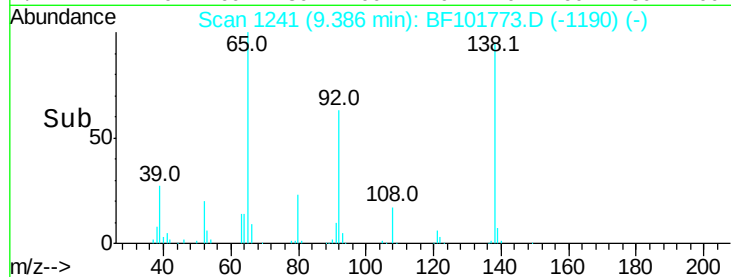
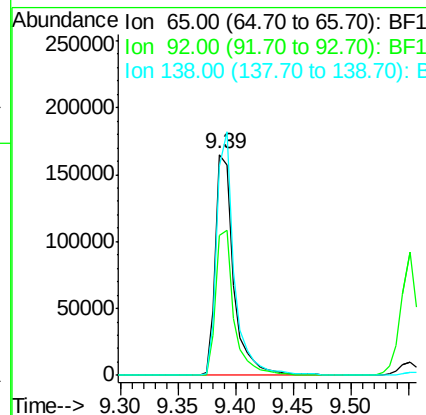
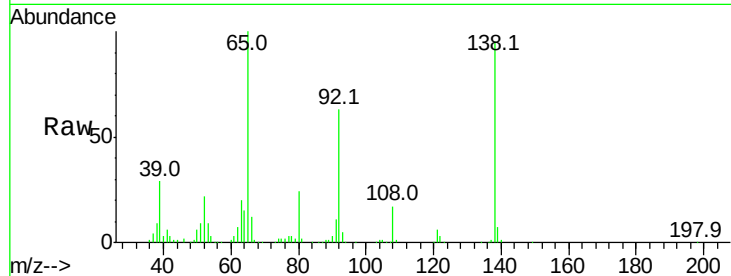
Tot Ion: 65 Resp: 183043

Ion Ratio Lower Upper

65 100

92 63.4 55.8 83.6

138 94.8 91.2 136.8



#48

Acenaphthylene

Concen: 29.037 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.01 min

Lab File: BF101773.D

Acq: 27 Dec 2017 20:09

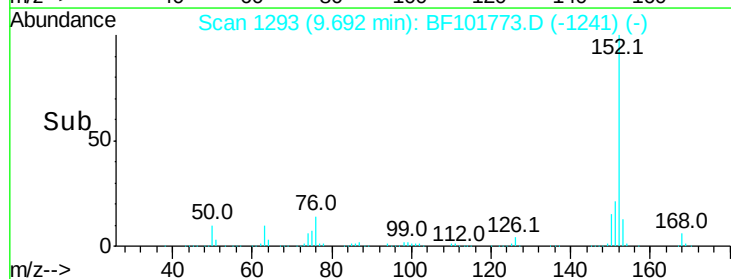
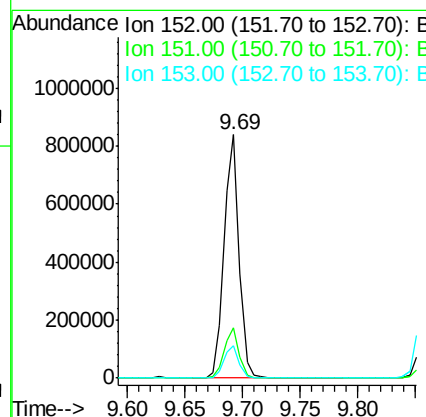
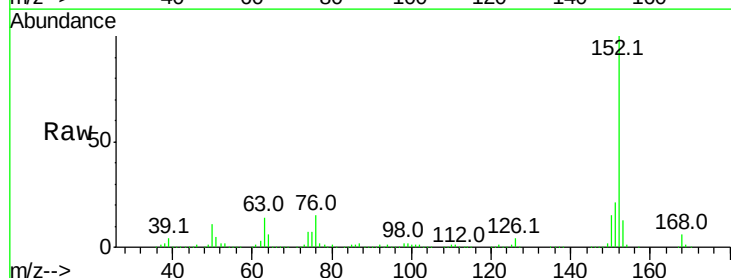
Tgt Ion: 152 Resp: 750974

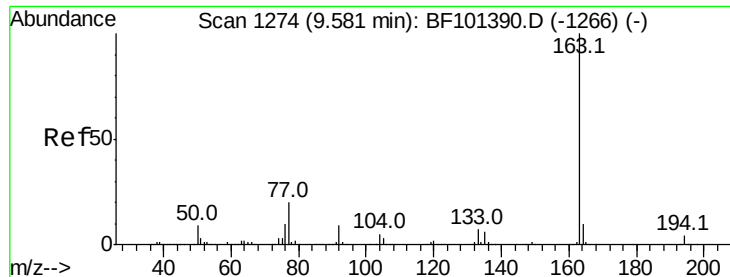
Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

153 13.2 10.7 16.1





#49

Dimethylphthalate

Concen: 36.084 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BF101773.D

Acq: 27 Dec 2017 20:09

Instrument :

BNA_F

ClientSampleId :

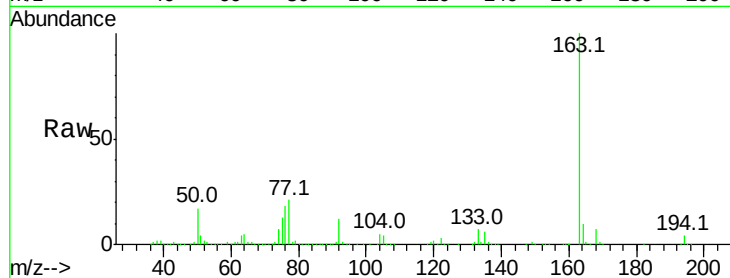
Tot Ion:163 Resp: 700354

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

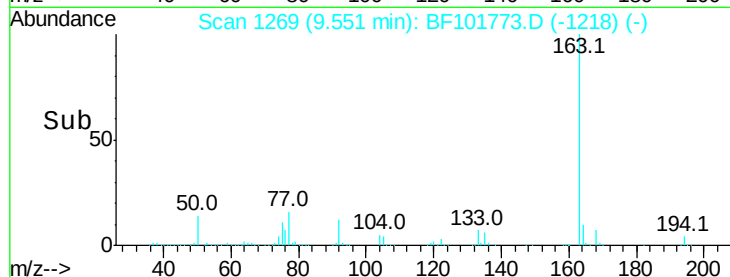
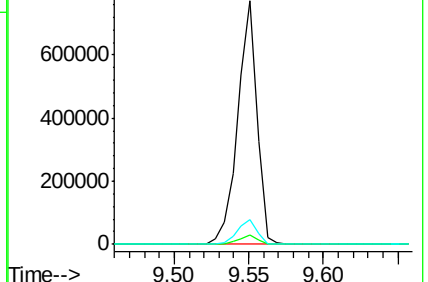
164 10.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 31.490 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF101773.D

Acq: 27 Dec 2017 20:09

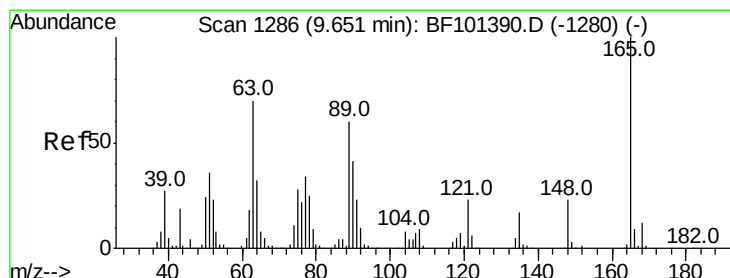
Tgt Ion:165 Resp: 124222

Ion Ratio Lower Upper

165 100

63 70.9 44.7 67.1#

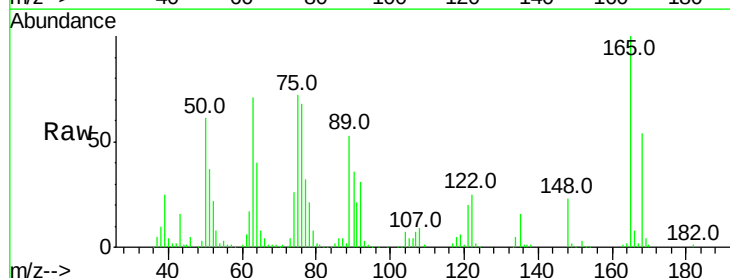
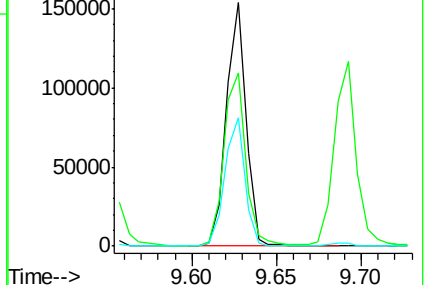
89 52.6 44.0 66.0

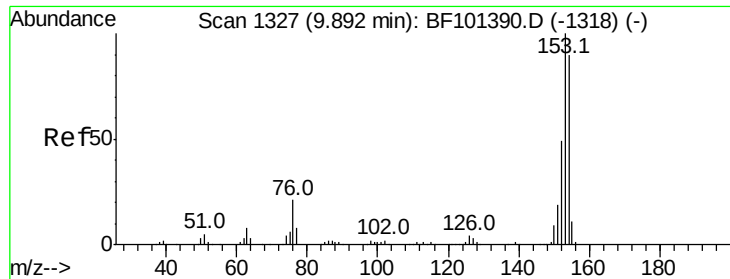


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 29.075 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.01 min

Lab File: BF101773.D

Acq: 27 Dec 2017 20:09

Instrument :

BNA_F

ClientSampleId :

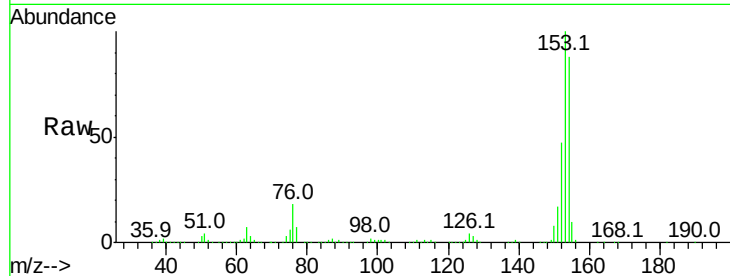
Tot Ion:154 Resp: 451760

Ion Ratio Lower Upper

154 100

153 113.6 91.2 136.8

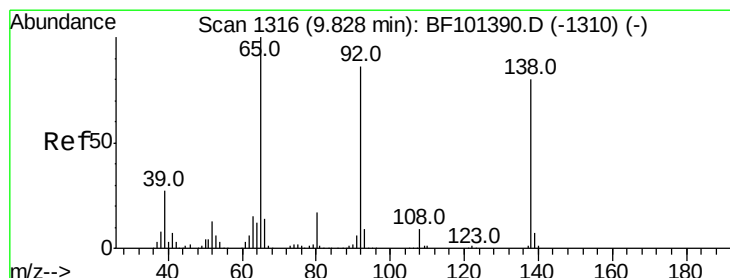
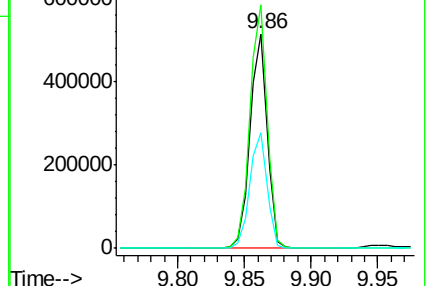
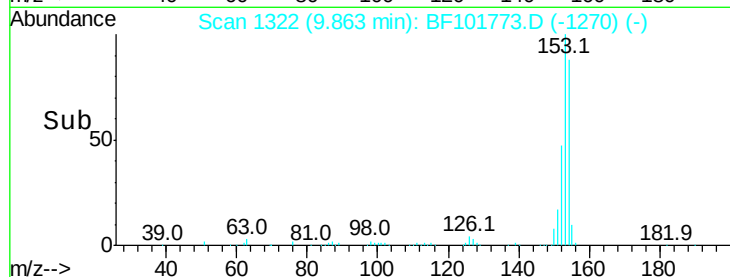
152 53.6 43.8 65.8



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: 27.941 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF101773.D

Acq: 27 Dec 2017 20:09

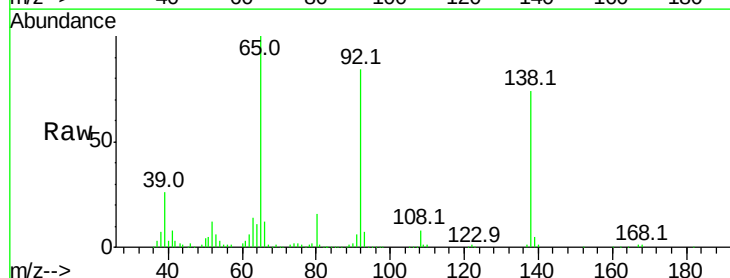
Tgt Ion:138 Resp: 137416

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

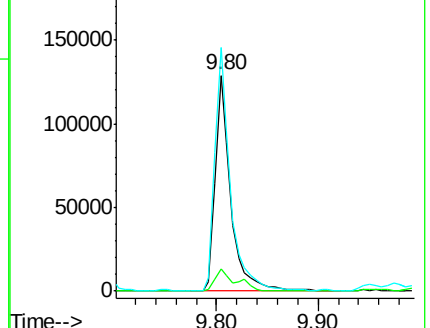
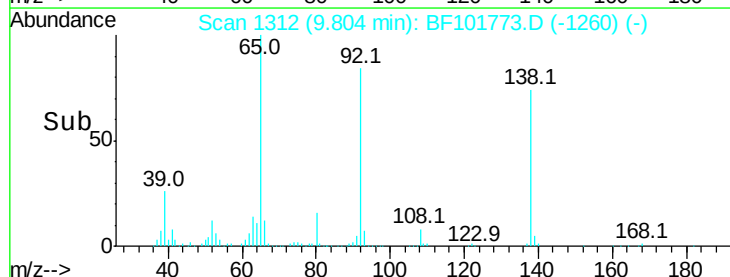
92 112.8 89.4 134.2

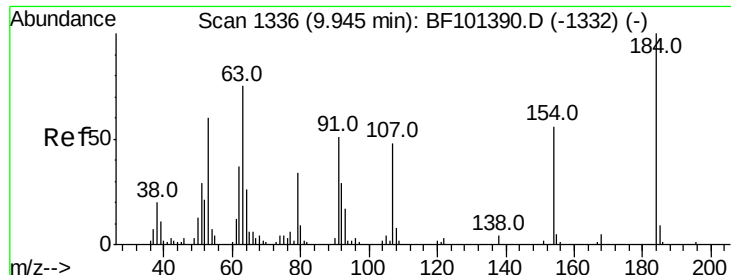


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

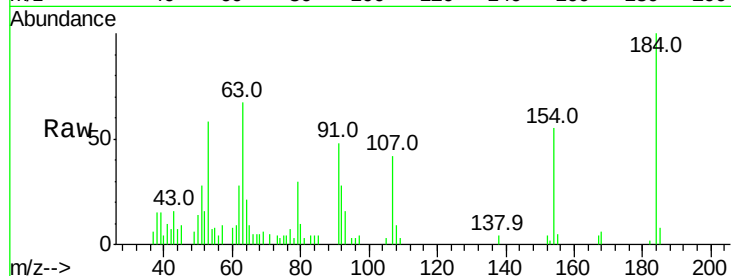




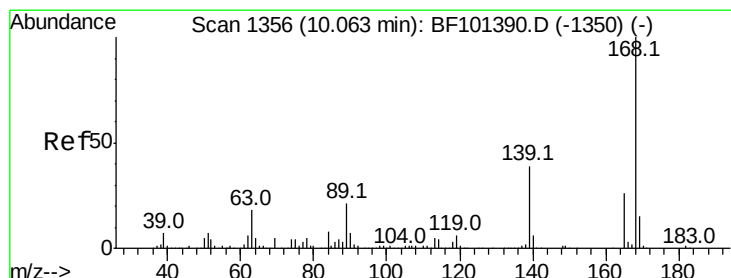
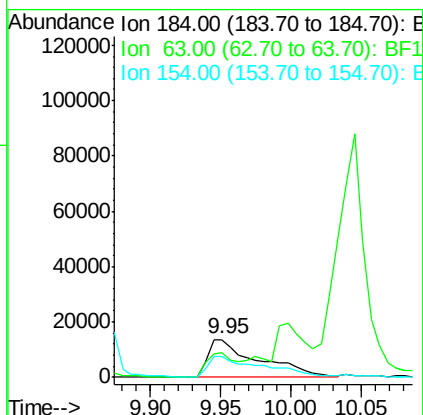
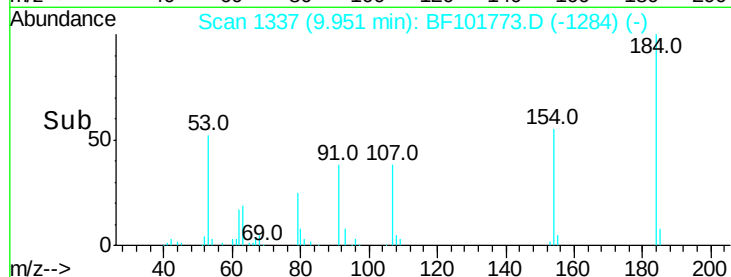
#53
2,4-Dinitrophenol
Concen: 31.833 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF101773.D
Acq: 27 Dec 2017 20:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 33935
Ion Ratio Lower Upper
184 100
63 66.7 54.2 81.2
154 55.3 184.0 276.0#

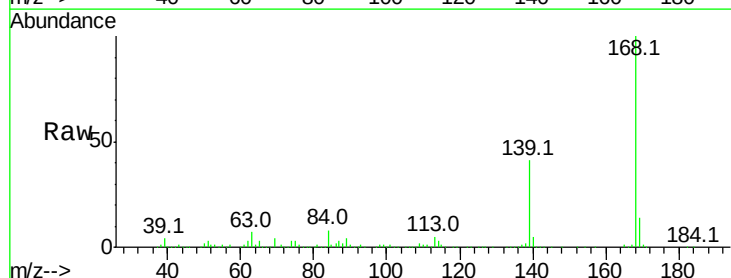


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

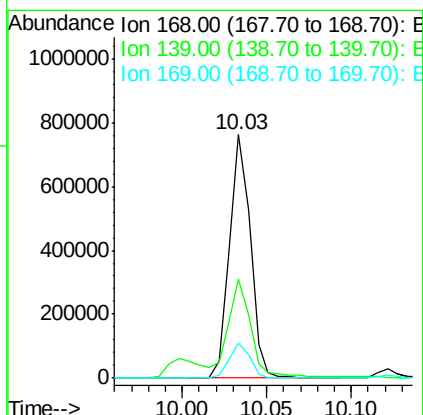
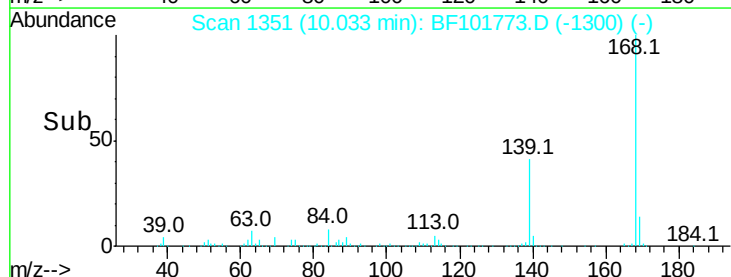


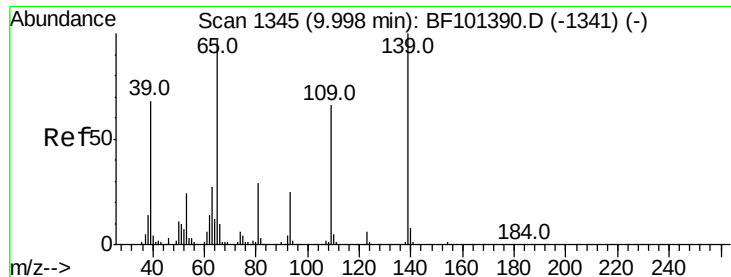
#54
Dibenzofuran
Concen: 33.013 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF101773.D
Acq: 27 Dec 2017 20:09

Tgt Ion:168 Resp: 651880
Ion Ratio Lower Upper
168 100
139 40.6 30.1 45.1
169 14.5 10.9 16.3



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

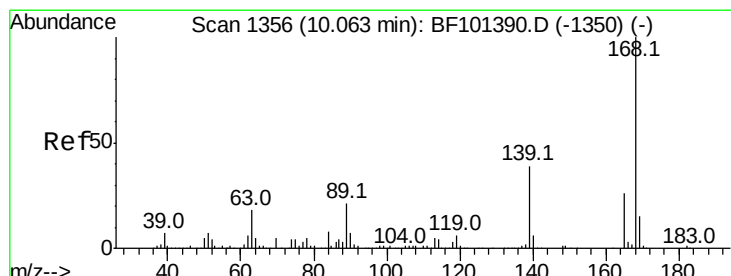
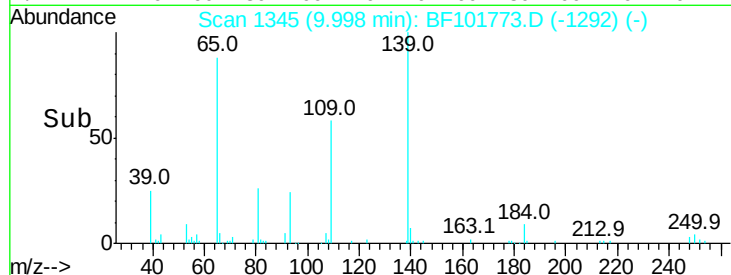
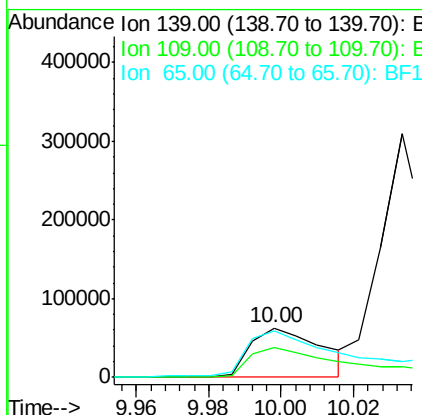
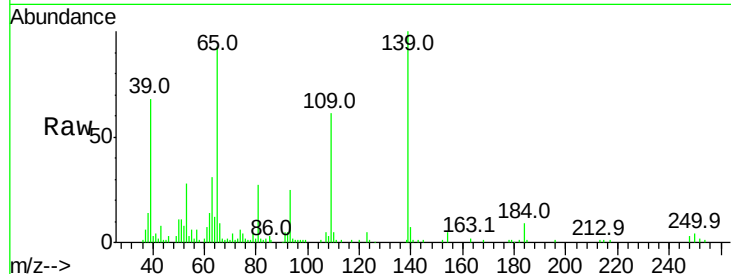




#55
4-Nitrophenol
Concen: 39.700 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF101773.D
Acq: 27 Dec 2017 20:09

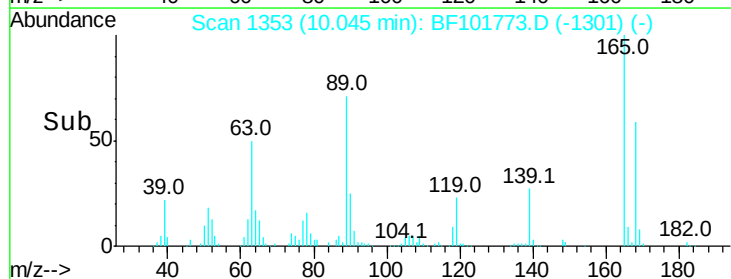
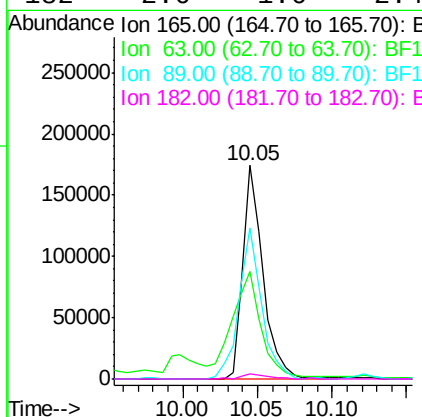
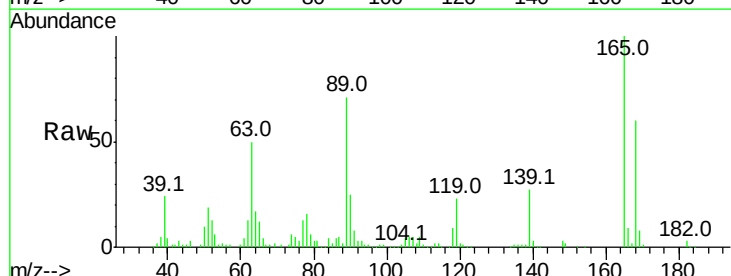
Instrument :
BNA_F
ClientSampleId :

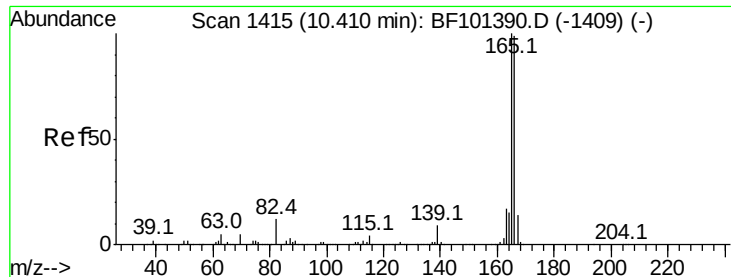
Tot Ion:139 Resp: 85138
Ion Ratio Lower Upper
139 100
109 60.8 48.4 88.4
65 92.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 36.642 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF101773.D
Acq: 27 Dec 2017 20:09

Tgt Ion:165 Resp: 162855
Ion Ratio Lower Upper
165 100
63 50.5 36.4 54.6
89 70.7 57.8 86.6
182 2.6 1.6 2.4#





#57

Fluorene

Concen: 31.062 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.01 min

Lab File: BF101773.D

Acq: 27 Dec 2017 20:09

Instrument :

BNA_F

ClientSampleId :

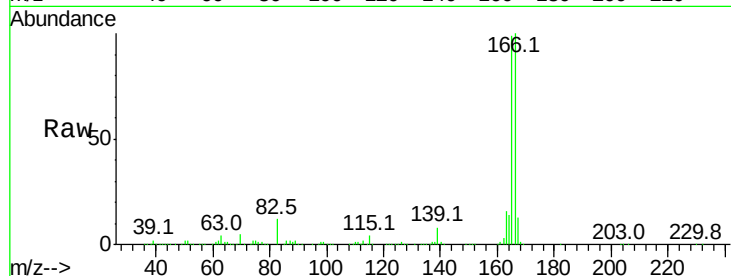
Tot Ion:166 Resp: 518868

Ion Ratio Lower Upper

166 100

165 99.1 79.8 119.8

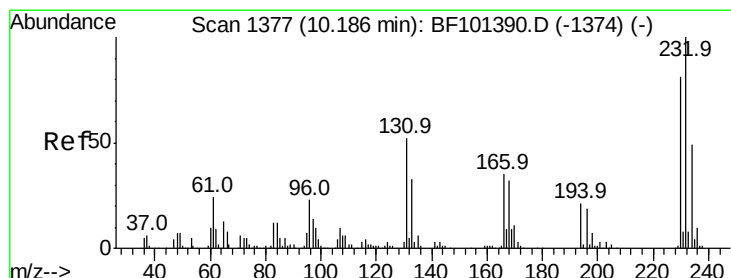
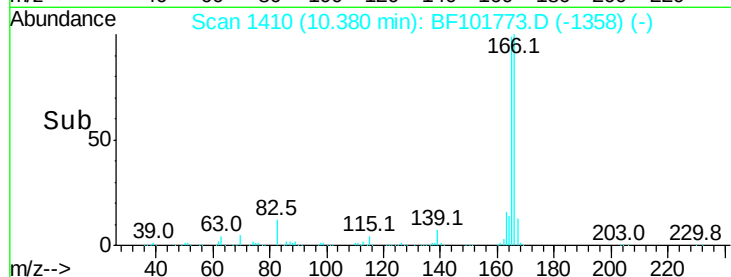
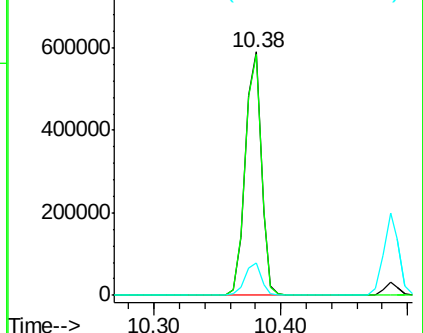
167 13.3 10.6 16.0



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: 35.009 ng

RT: 10.17 min Scan# 1374

Delta R.T. 0.01 min

Lab File: BF101773.D

Acq: 27 Dec 2017 20:09

Tgt Ion:232 Resp: 135075

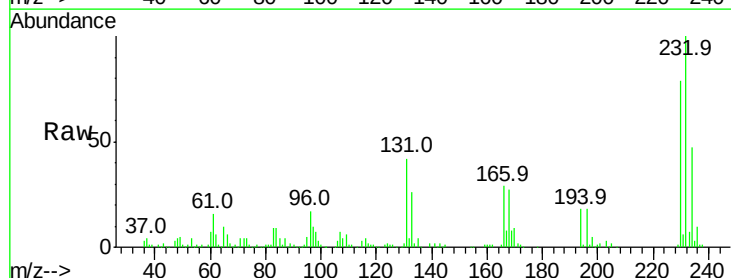
Ion Ratio Lower Upper

232 100

131 45.0 43.8 65.8

130 2.0 2.1 3.1#

166 29.6 27.8 41.6

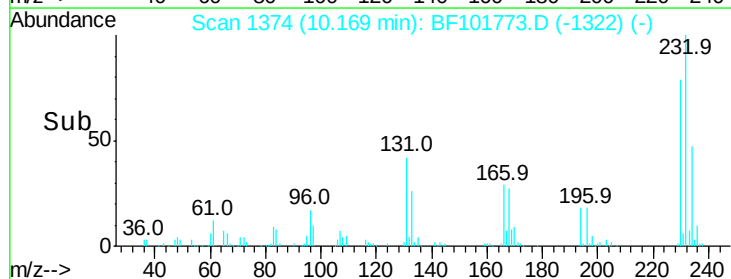
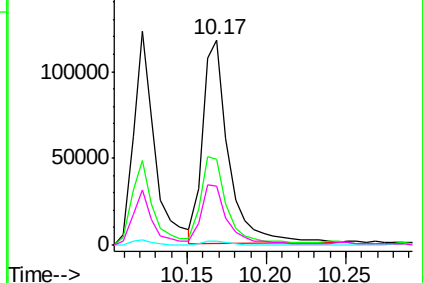


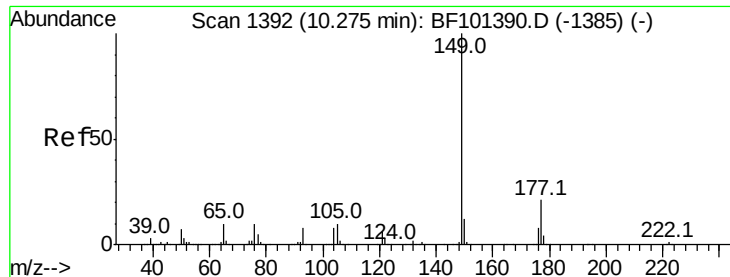
Abundance Ion 232.00 (231.70 to 232.70): E

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: 29.949 ng

RT: 10.25 min Scan# 1387

Delta R.T. -0.00 min

Lab File: BF101773.D

Acq: 27 Dec 2017 20:09

Instrument :

BNA_F

ClientSampleId :

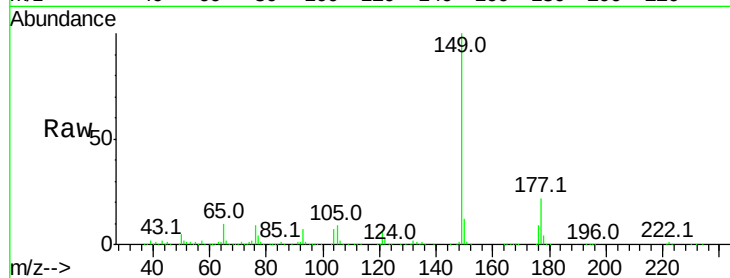
Tot Ion:149 Resp: 575636

Ion Ratio Lower Upper

149 100

177 22.3 16.1 24.1

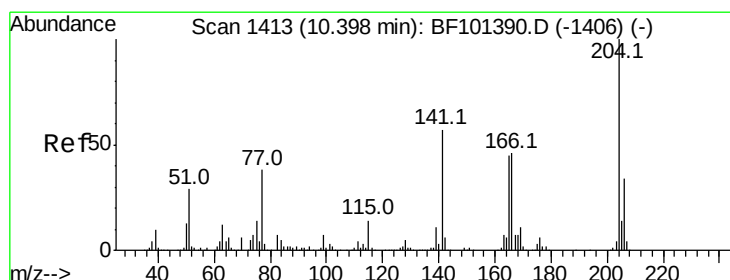
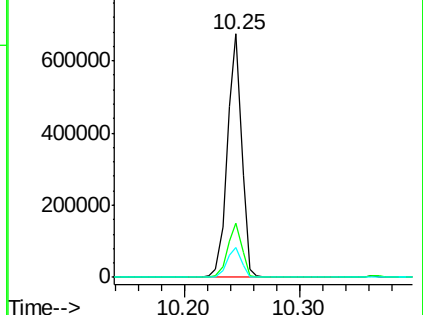
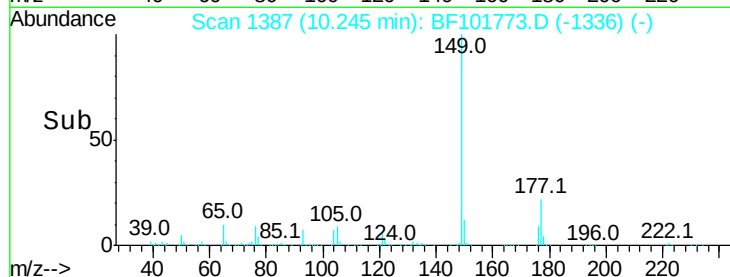
150 12.3 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 32.279 ng

RT: 10.36 min Scan# 1407

Delta R.T. -0.00 min

Lab File: BF101773.D

Acq: 27 Dec 2017 20:09

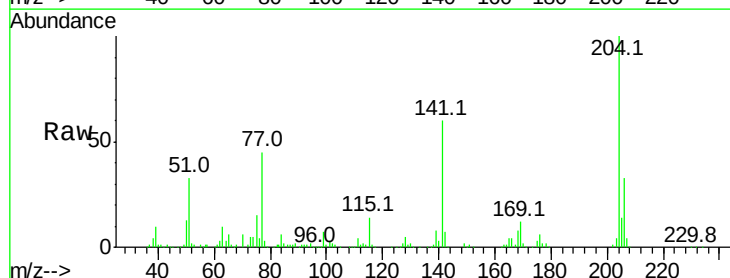
Tgt Ion:204 Resp: 258415

Ion Ratio Lower Upper

204 100

206 33.0 26.5 39.7

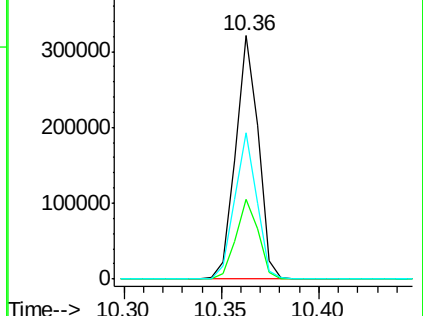
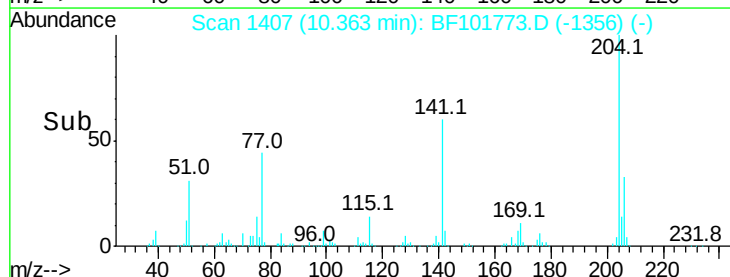
141 60.0 54.6 81.8

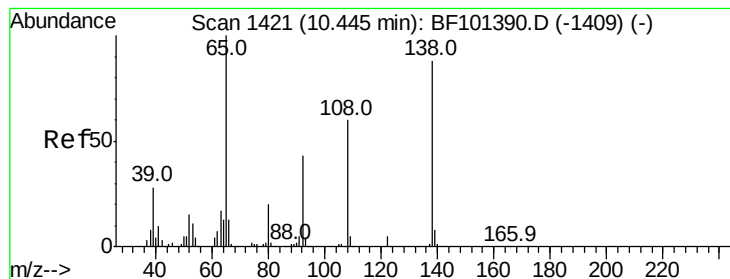


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 25.414 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.00 min

Lab File: BF101773.D

Acq: 27 Dec 2017 20:09

Instrument :

BNA_F

ClientSampleId :

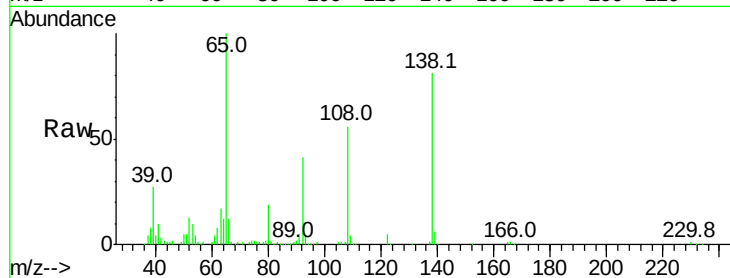
Tot Ion:138 Resp: 125636

Ion Ratio Lower Upper

138 100

92 51.2 30.2 70.2

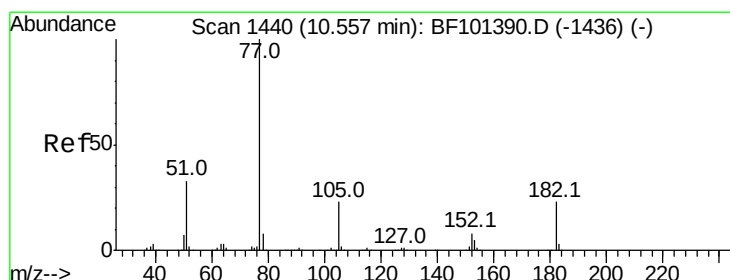
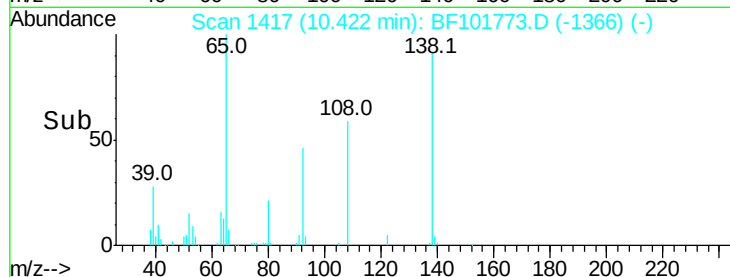
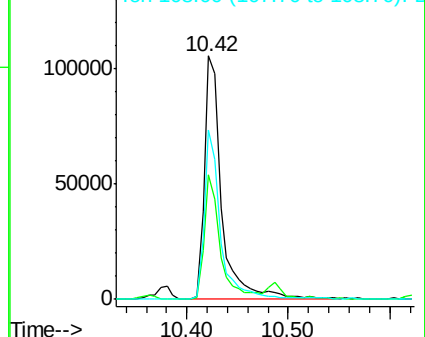
108 69.4 52.5 92.5



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: 27.814 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.00 min

Lab File: BF101773.D

Acq: 27 Dec 2017 20:09

Tgt Ion: 77 Resp: 553798

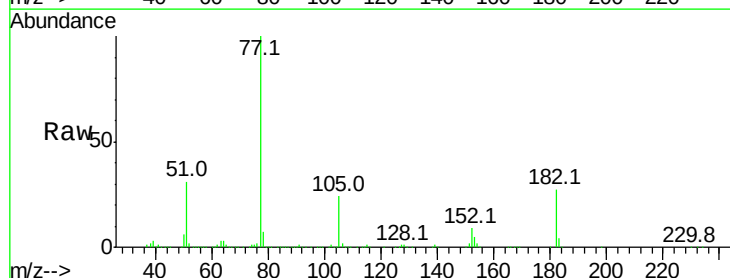
Ion Ratio Lower Upper

77 100

182 27.3 1.7 41.7

105 24.2 3.0 43.0

51 30.6 9.9 49.9

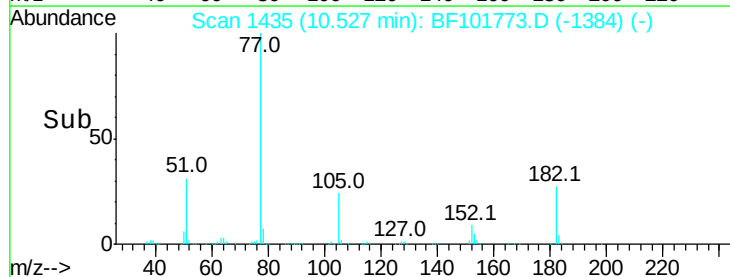
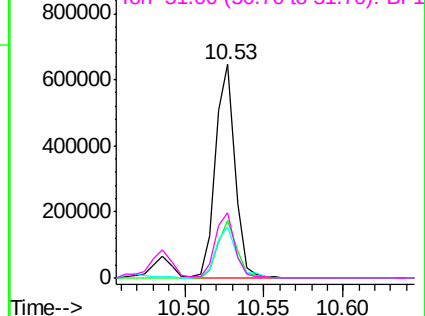


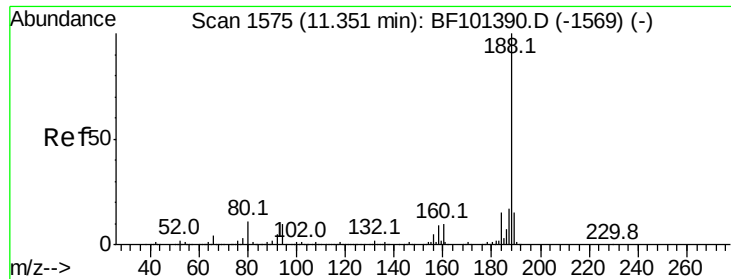
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

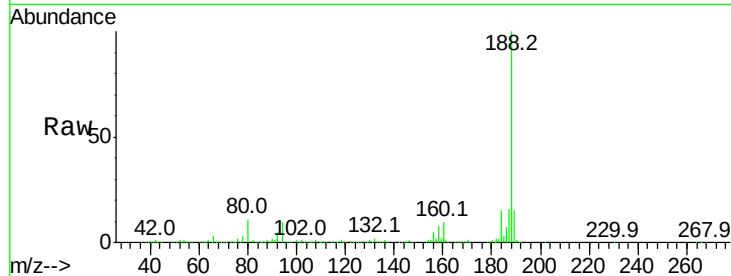




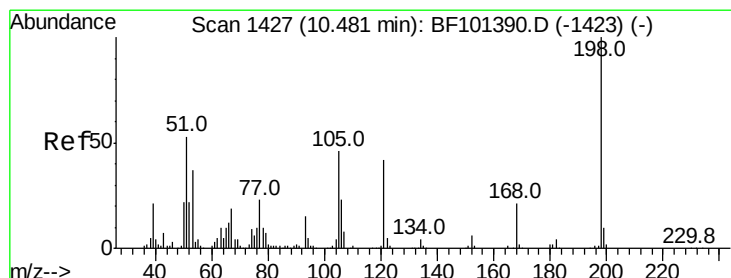
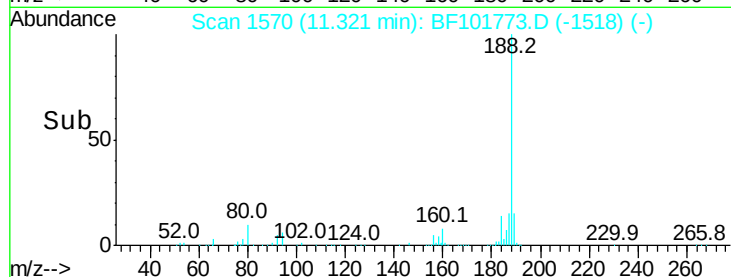
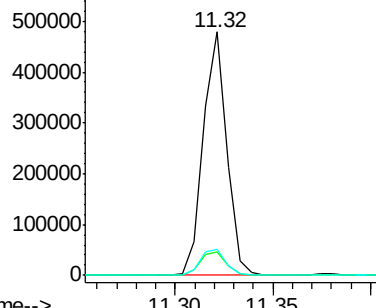
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF101773.D
Acq: 27 Dec 2017 20:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 400350
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.8 9.2 13.8

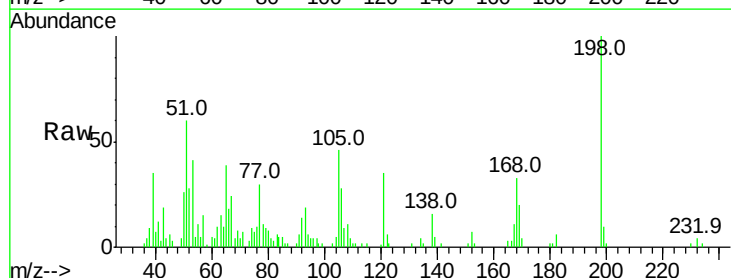


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

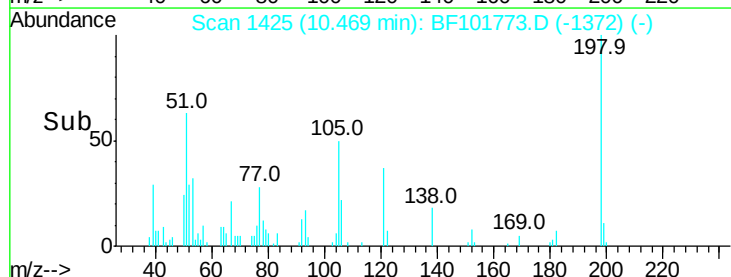
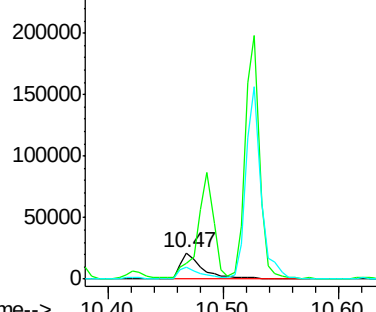


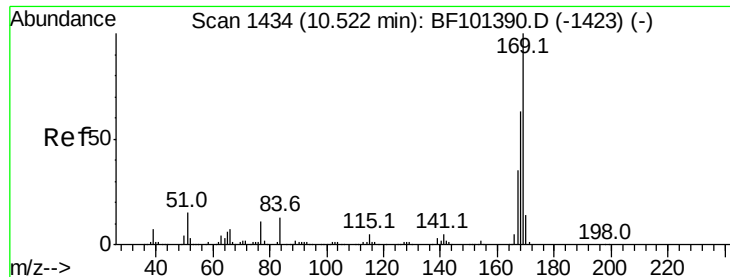
#64
4,6-Dinitro-2-methylphenol
Concen: 14.146 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF101773.D
Acq: 27 Dec 2017 20:09

Tgt Ion:198 Resp: 28900
Ion Ratio Lower Upper
198 100
51 59.8 37.7 77.7
105 46.3 36.3 76.3



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





#65

n-Nitrosodiphenylamine

Concen: 32.557 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.00 min

Lab File: BF101773.D

Acq: 27 Dec 2017 20:09

Instrument :

BNA_F

ClientSampleId :

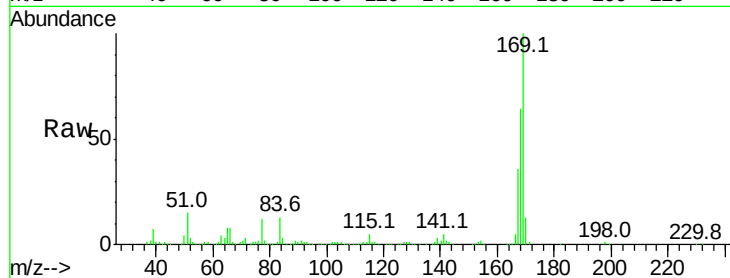
Tot Ion:169 Resp: 481278

Ion Ratio Lower Upper

169 100

168 63.7 54.4 81.6

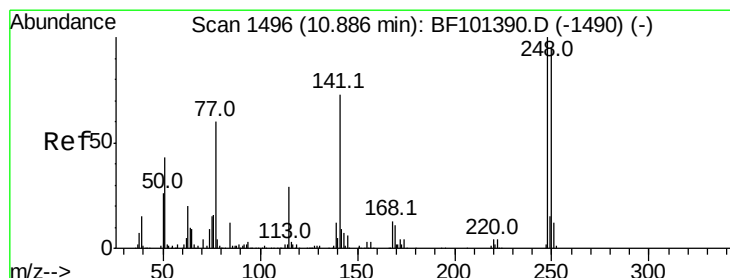
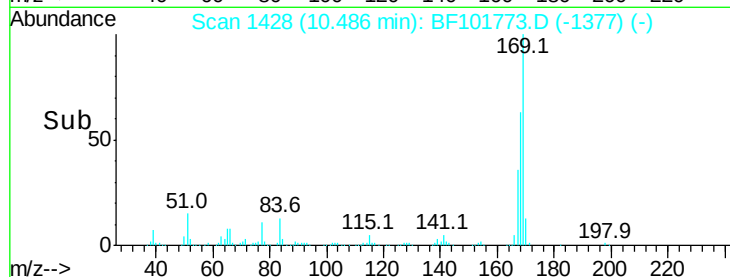
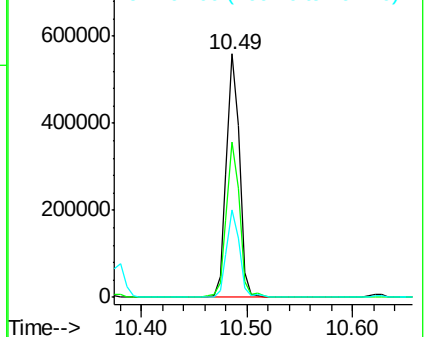
167 35.9 29.8 44.6



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: 33.702 ng

RT: 10.86 min Scan# 1491

Delta R.T. 0.01 min

Lab File: BF101773.D

Acq: 27 Dec 2017 20:09

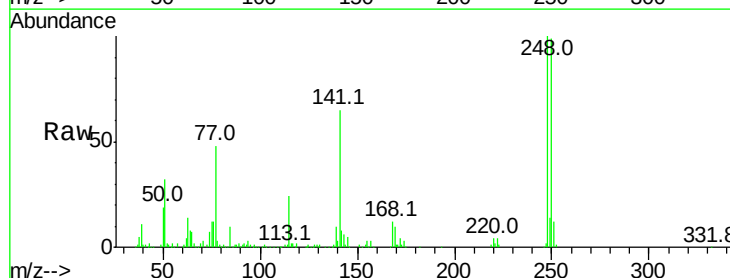
Tgt Ion:248 Resp: 151605

Ion Ratio Lower Upper

248 100

250 99.4 76.9 115.3

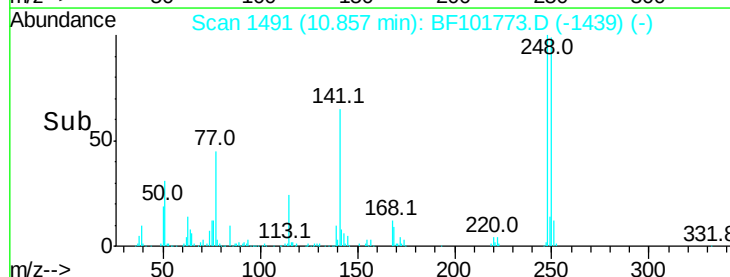
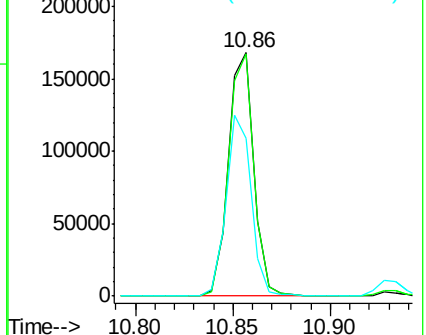
141 64.6 74.4 111.6#

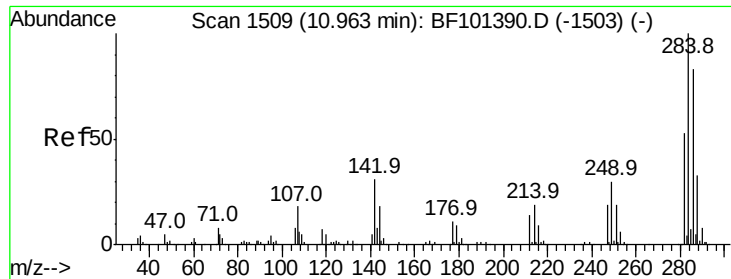


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

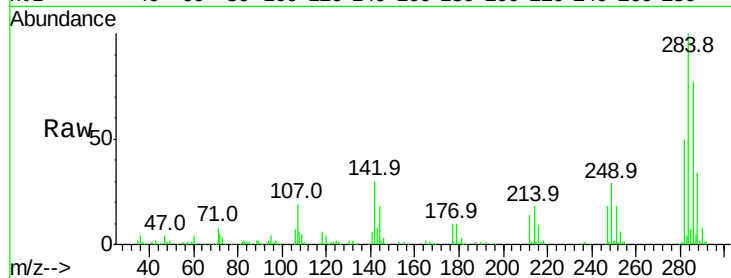




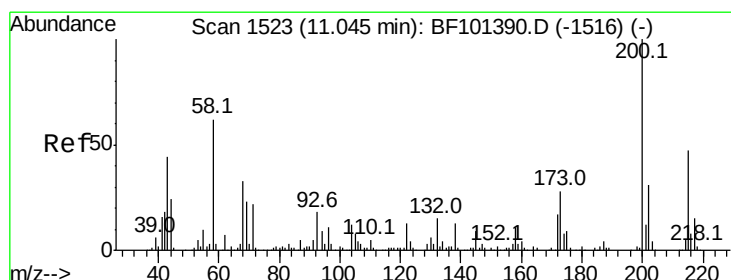
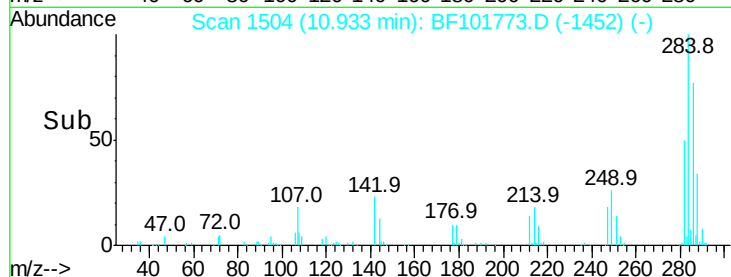
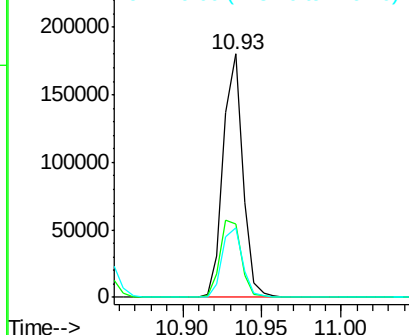
#67
Hexachlorobenzene
Concen: 32.585 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.01 min
Lab File: BF101773.D
Acq: 27 Dec 2017 20:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 155137
Ion Ratio Lower Upper
284 100
142 30.1 34.6 52.0#
249 28.6 24.8 37.2

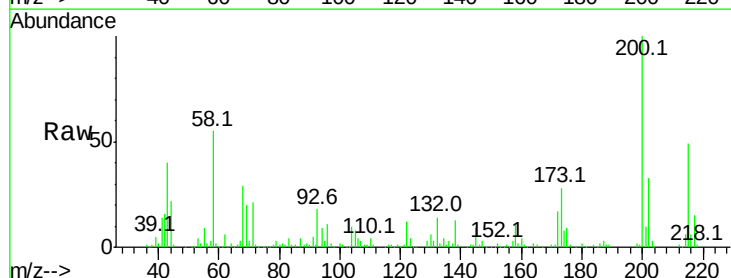


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

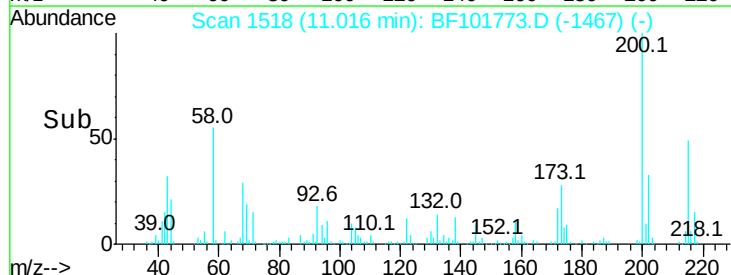
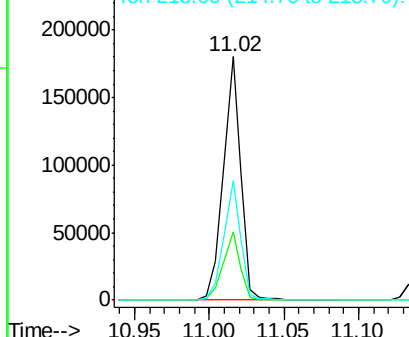


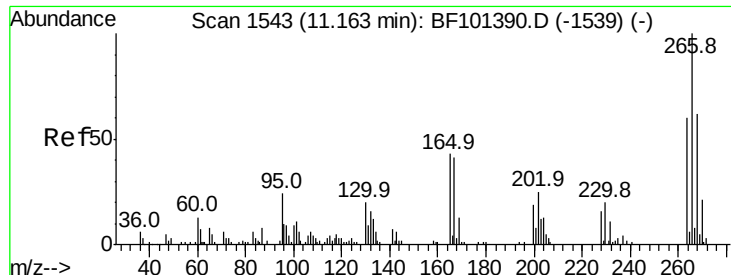
#68
Atrazine
Concen: 33.816 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF101773.D
Acq: 27 Dec 2017 20:09

Tgt Ion:200 Resp: 149054
Ion Ratio Lower Upper
200 100
173 27.9 8.6 48.6
215 48.9 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

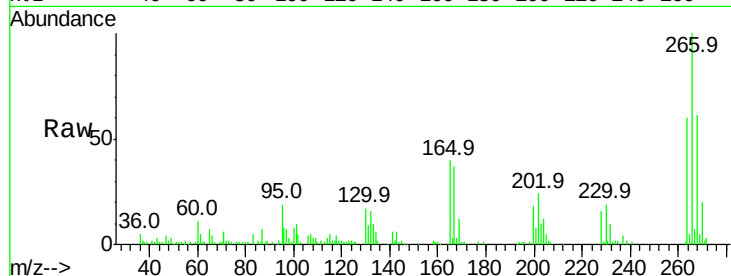




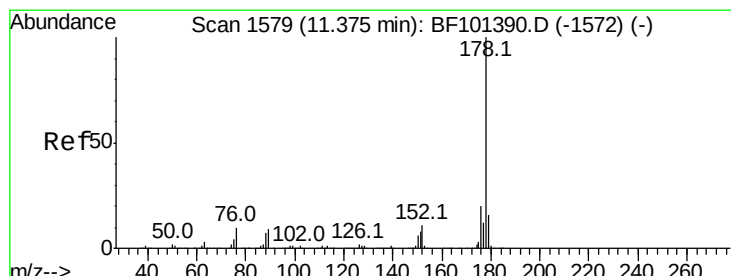
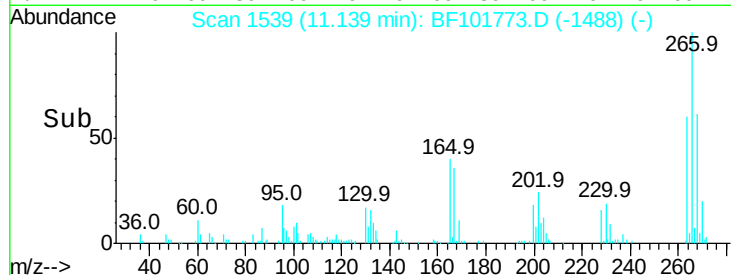
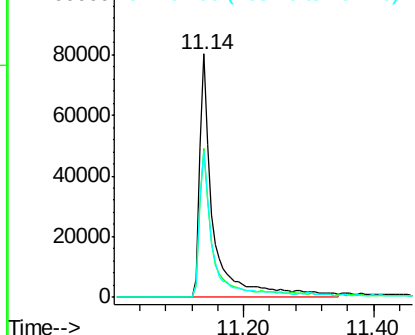
#69
 Pentachlorophenol
 Concen: 65.787 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BF101773.D
 Acq: 27 Dec 2017 20:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 119451
 Ion Ratio Lower Upper
 266 100
 268 61.2 51.1 76.7
 264 60.2 49.5 74.3

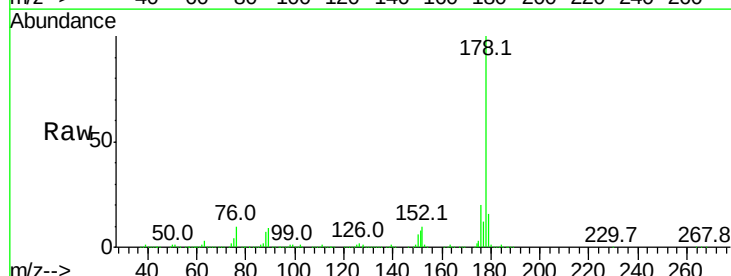


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

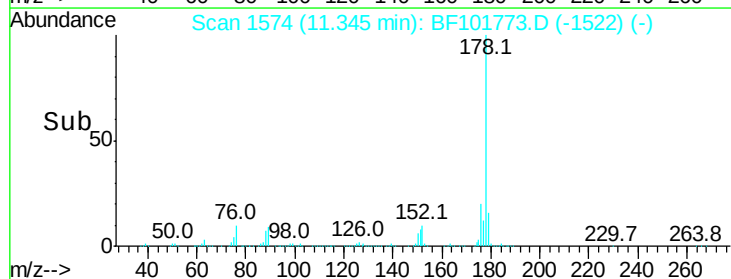
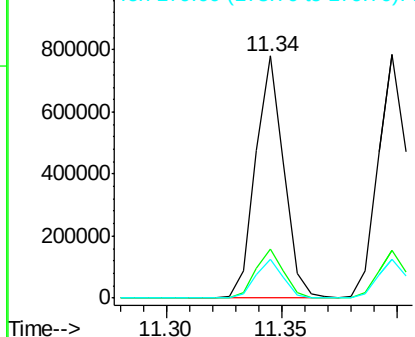


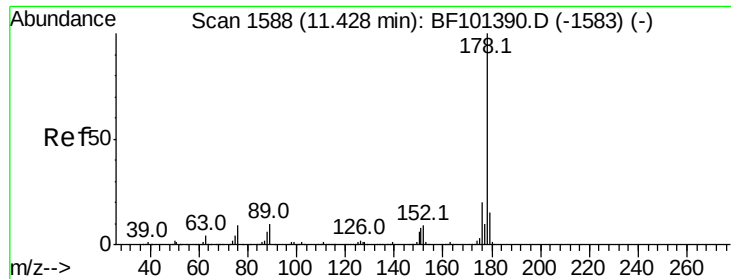
#70
 Phenanthrene
 Concen: 29.979 ng
 RT: 11.34 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: BF101773.D
 Acq: 27 Dec 2017 20:09

Tgt Ion:178 Resp: 667465
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.8 23.8
 179 16.0 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

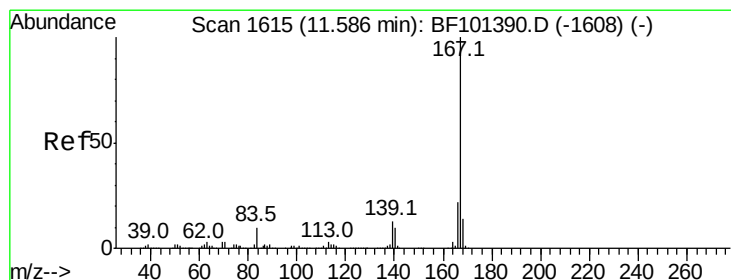
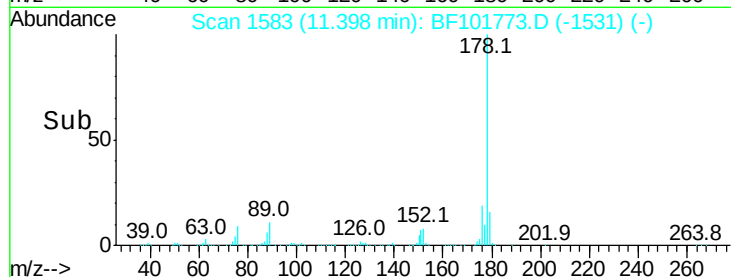
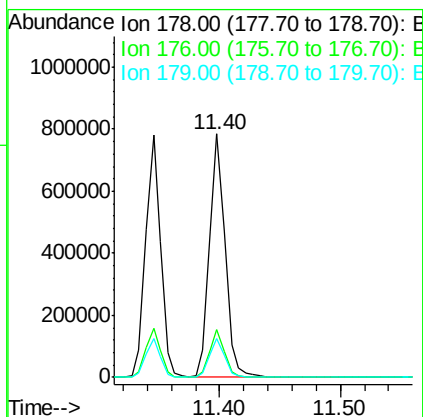
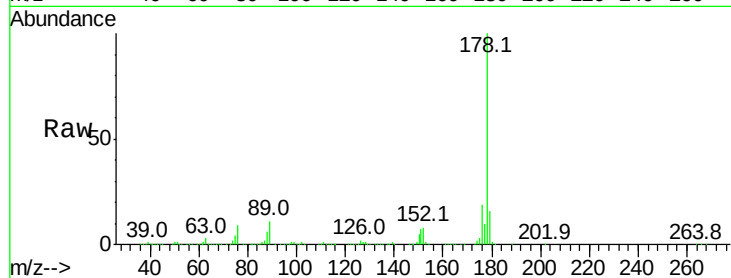




#71
 Anthracene
 Concen: 30.878 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.01 min
 Lab File: BF101773.D
 Acq: 27 Dec 2017 20:09

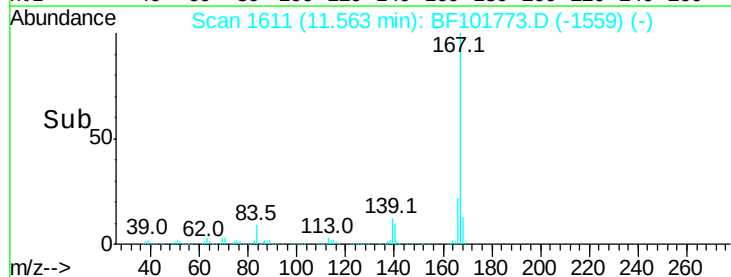
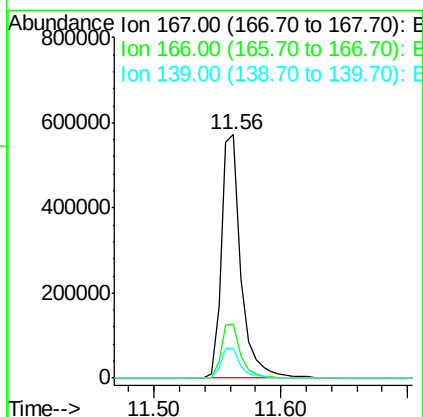
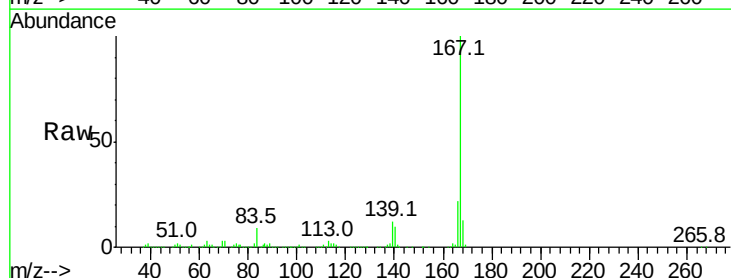
Instrument :
 BNA_F
 ClientSampleId :

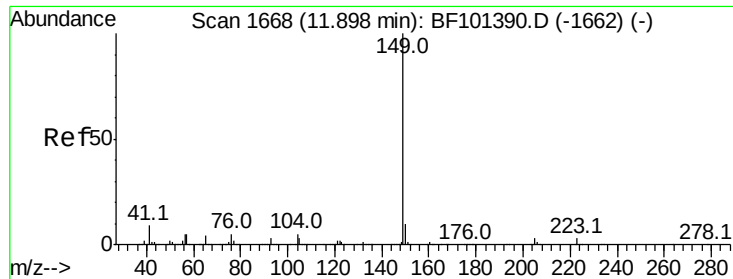
Tot Ion:178 Resp: 702229
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 28.742 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.01 min
 Lab File: BF101773.D
 Acq: 27 Dec 2017 20:09

Tgt Ion:167 Resp: 611991
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 12.4 10.9 16.3

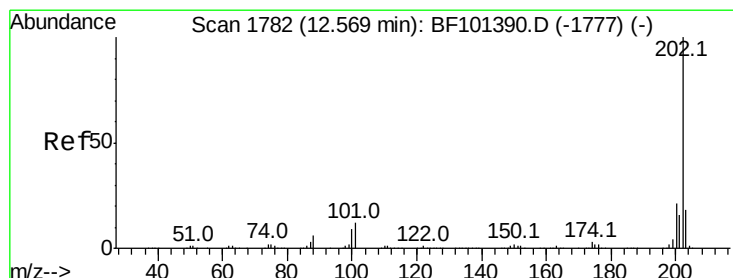
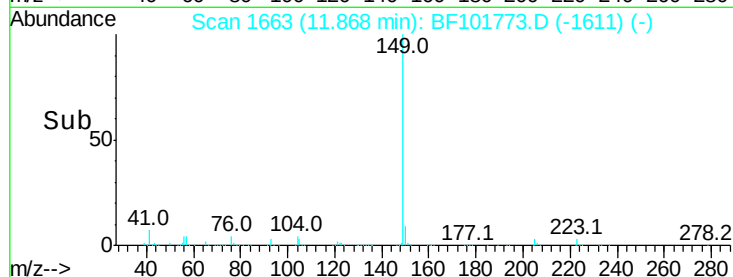
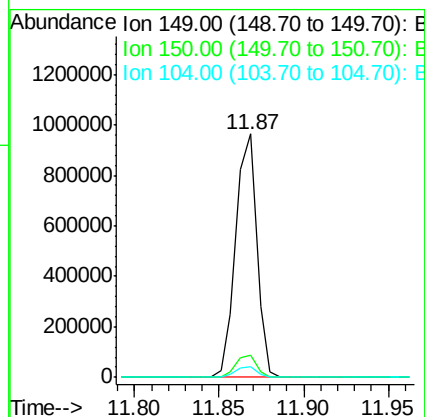
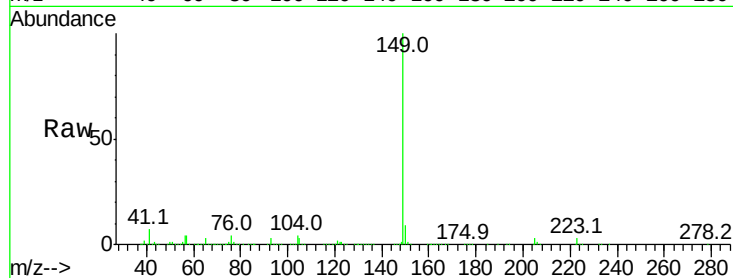




#73
Di-n-butylphthalate
Concen: 32.450 ng
RT: 11.87 min Scan# 1663
Delta R.T. 0.01 min
Lab File: BF101773.D
Acq: 27 Dec 2017 20:09

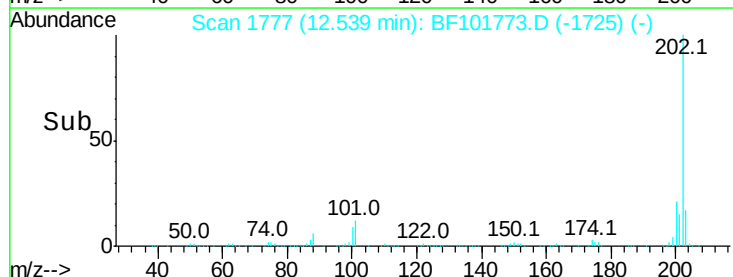
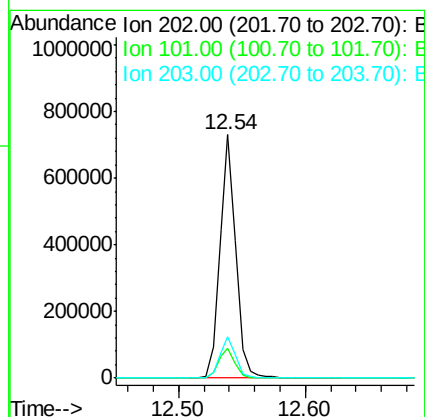
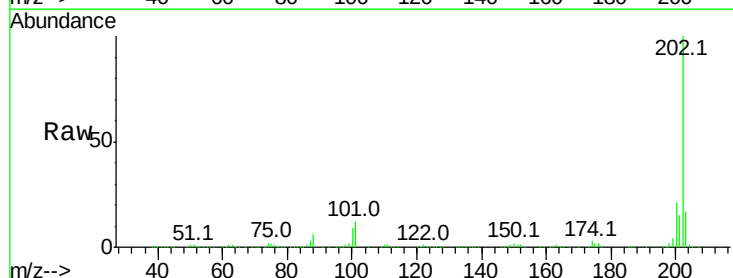
Instrument :
BNA_F
ClientSampleId :

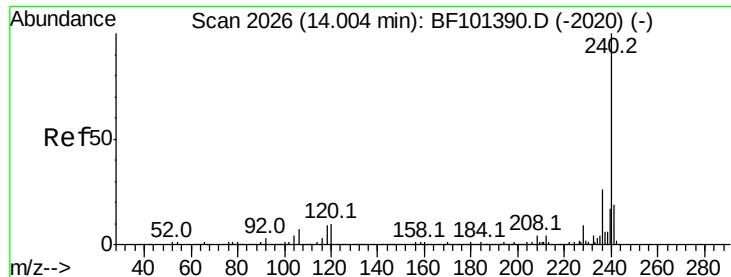
Tot Ion:149 Resp: 838622
Ion Ratio Lower Upper
149 100
150 9.0 7.8 11.6
104 4.4 3.8 5.8



#74
Fluoranthene
Concen: 27.544 ng
RT: 12.54 min Scan# 1777
Delta R.T. 0.01 min
Lab File: BF101773.D
Acq: 27 Dec 2017 20:09

Tgt Ion:202 Resp: 643681
Ion Ratio Lower Upper
202 100
101 12.5 0.0 34.1
203 17.1 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF101773.D

Acq: 27 Dec 2017 20:09

Instrument :

BNA_F

ClientSampleId :

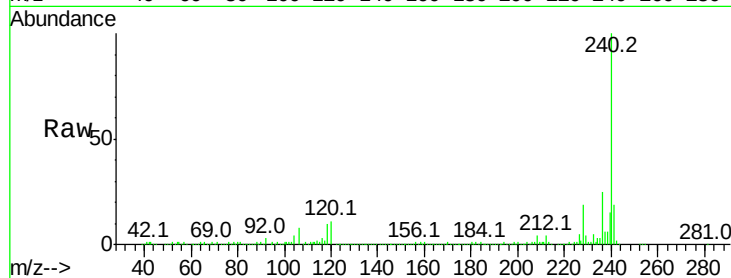
Tot Ion:240 Resp: 287326

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

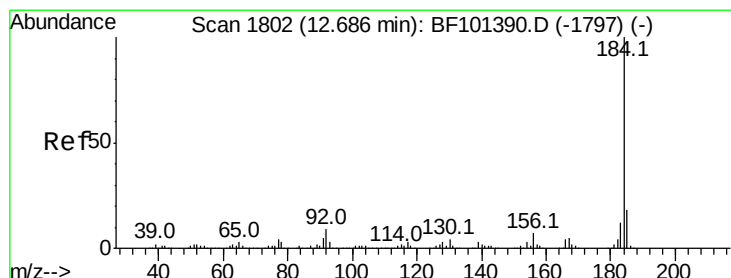
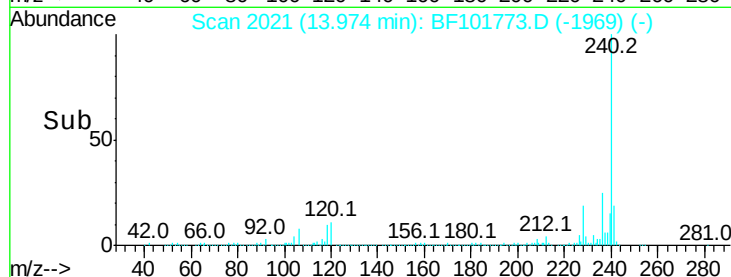
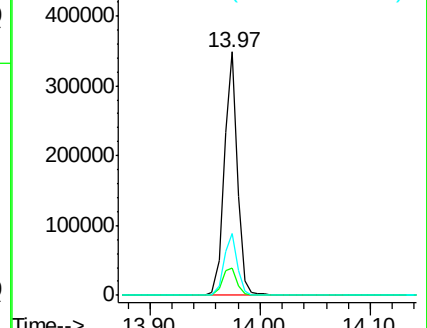
236 25.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 29.376 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.01 min

Lab File: BF101773.D

Acq: 27 Dec 2017 20:09

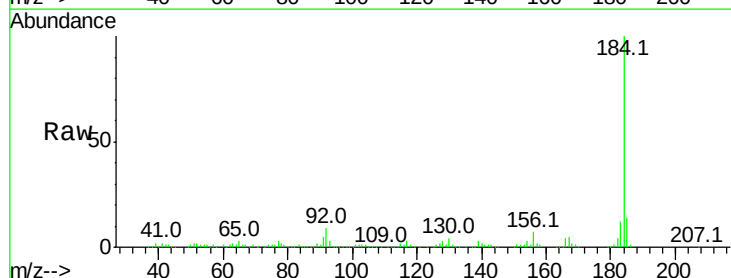
Tgt Ion:184 Resp: 356486

Ion Ratio Lower Upper

184 100

185 14.2 12.6 18.8

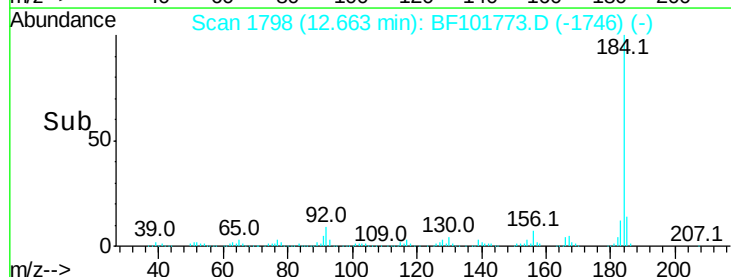
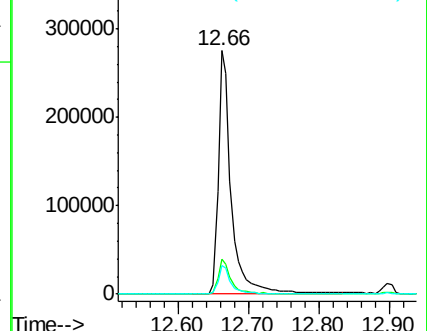
183 11.7 9.3 13.9

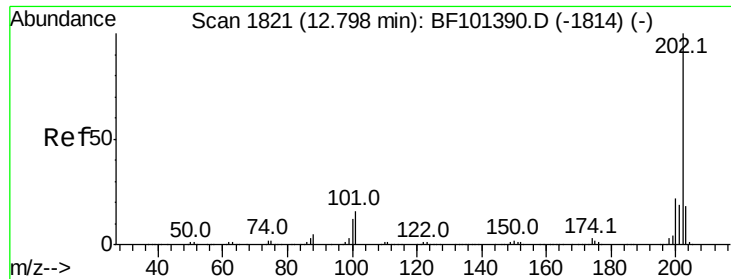


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

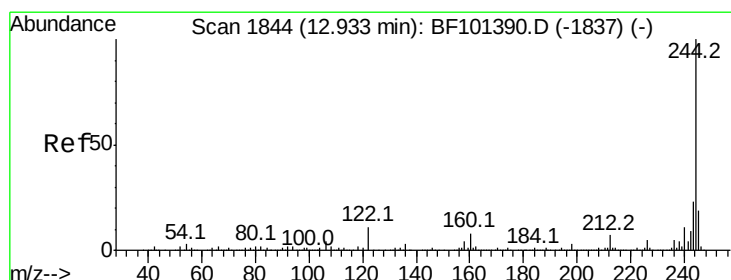
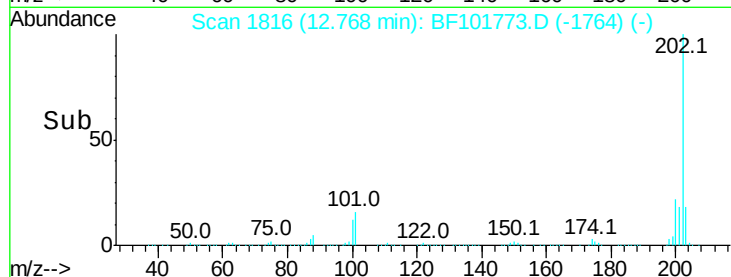
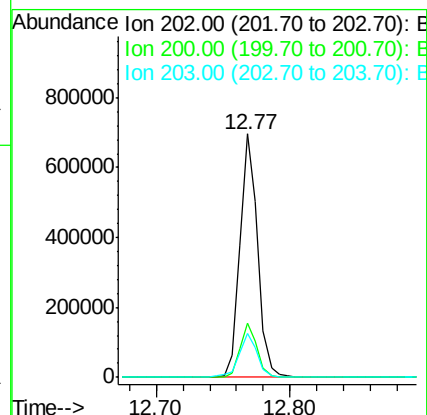
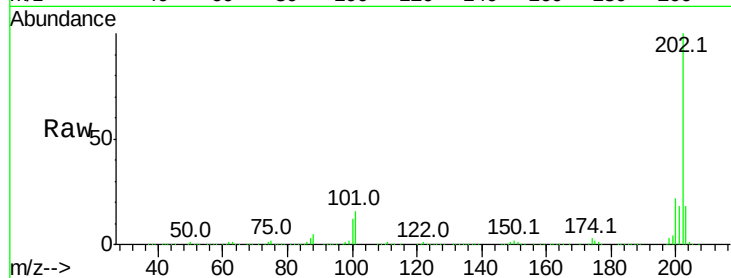




#77
Pvrene
Concen: 30.010 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF101773.D
Acq: 27 Dec 2017 20:09

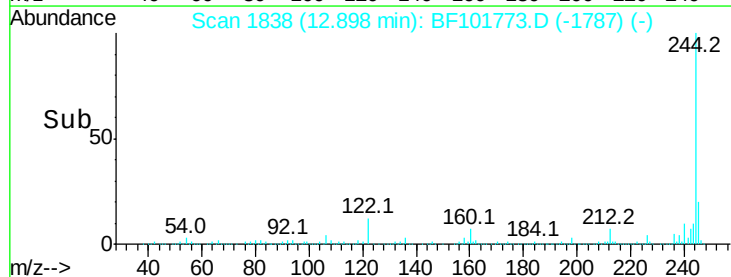
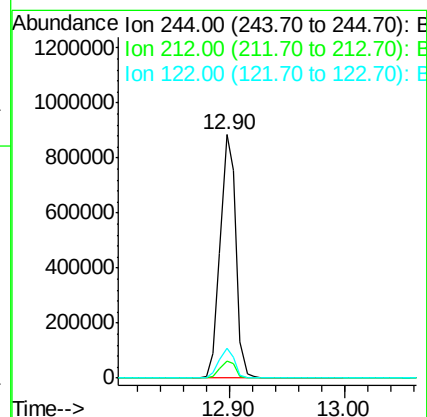
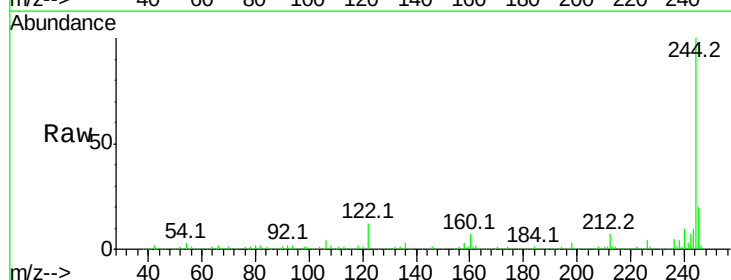
Instrument :
BNA_F
ClientSampled :

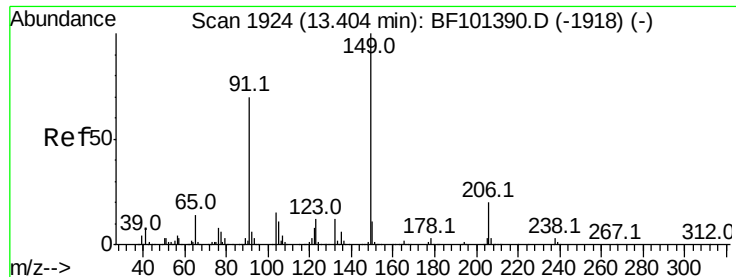
Tot Ion:202 Resp: 647131
Ion Ratio Lower Upper
202 100
200 22.3 17.4 26.2
203 17.8 14.3 21.5



#78
Terphenyl-d14
Concen: 69.835 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BF101773.D
Acq: 27 Dec 2017 20:09

Tgt Ion:244 Resp: 832329
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 12.3 11.0 16.4

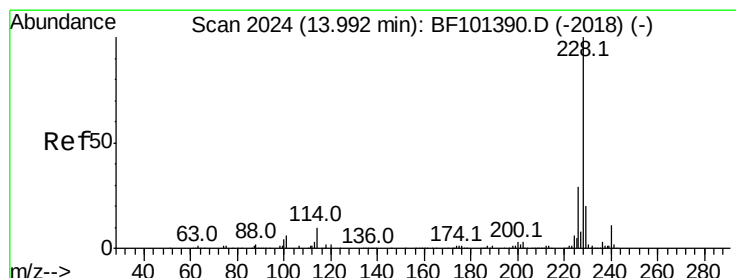
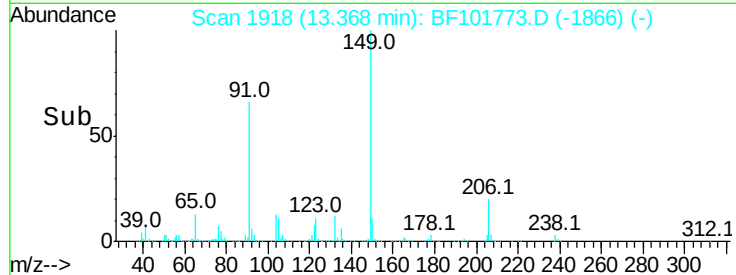
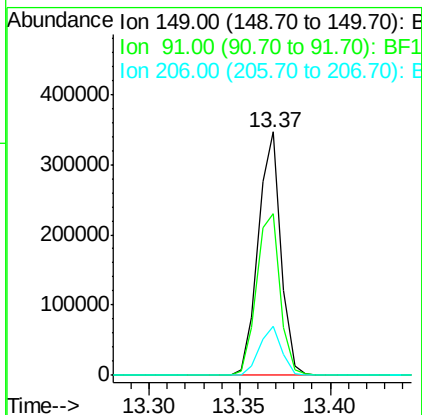
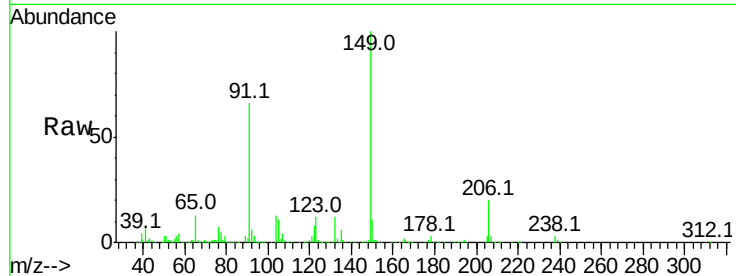




#79
Butylbenzylphthalate
Concen: 30.842 ng
RT: 13.37 min Scan# 1918
Delta R.T. 0.01 min
Lab File: BF101773.D
Acq: 27 Dec 2017 20:09

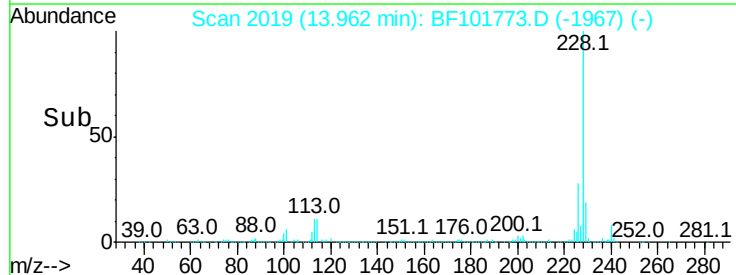
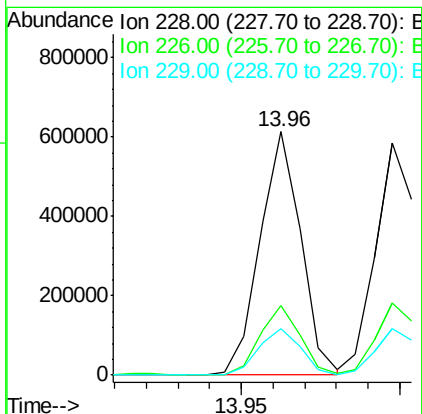
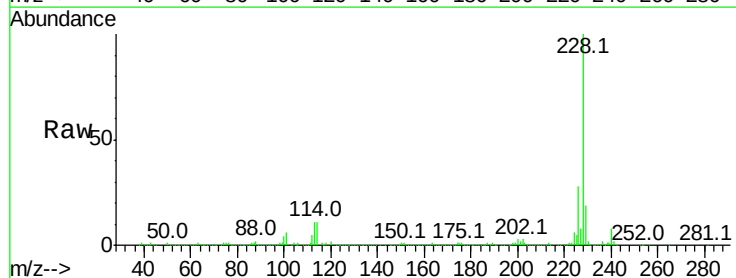
Instrument :
BNA_F
ClientSampleId :

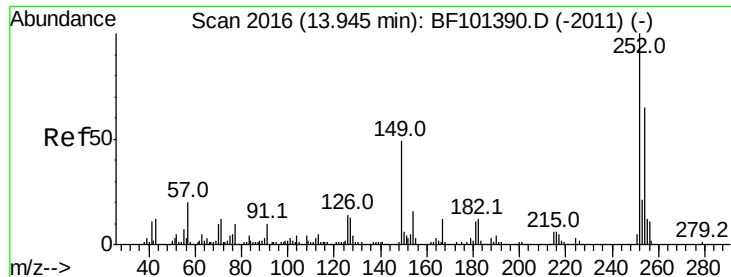
Tot Ion	Ratio	Lower	Upper
149	100		
91	66.2	56.8	85.2
206	20.2	14.1	21.1



#80
Benzo(a)anthracene
Concen: 28.888 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF101773.D
Acq: 27 Dec 2017 20:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	19.3	15.8	23.6

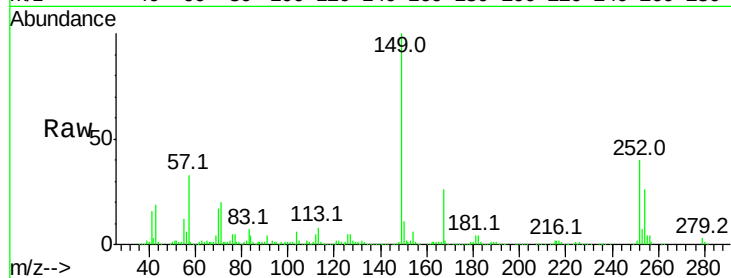




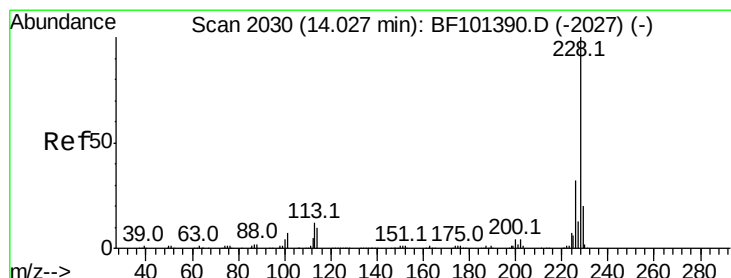
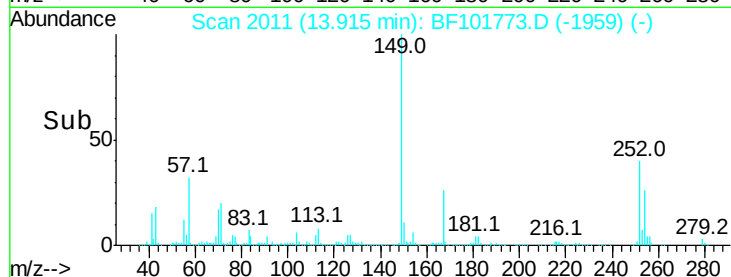
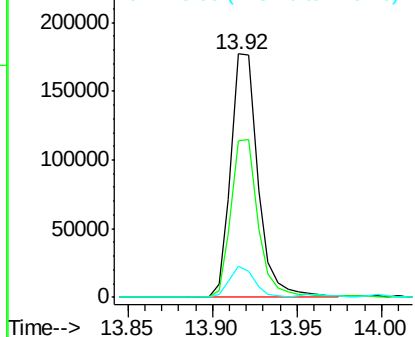
#81
 3,3'-Dichlorobenzidine
 Concen: 32.178 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.01 min
 Lab File: BF101773.D
 Acq: 27 Dec 2017 20:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.4	75.6
126	13.0	11.3	16.9

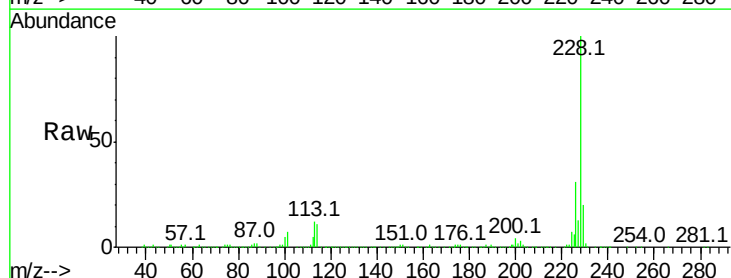


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

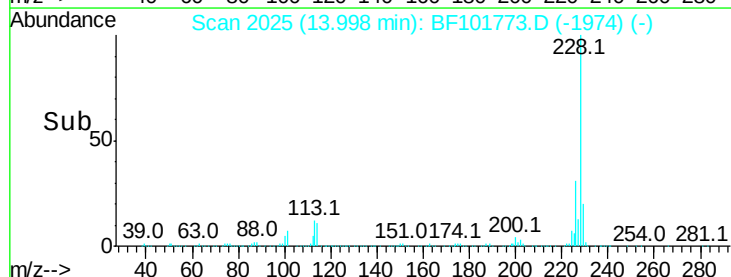
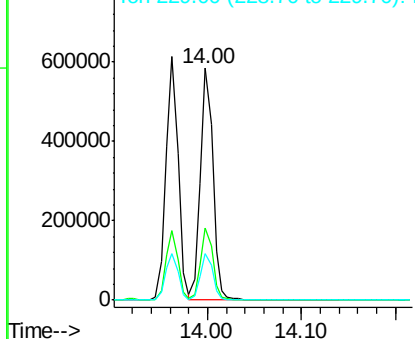


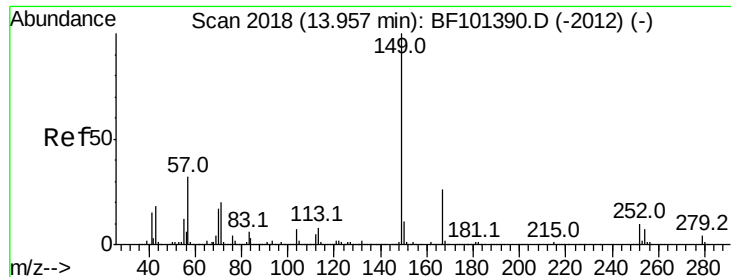
#82
 Chrysene
 Concen: 30.531 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BF101773.D
 Acq: 27 Dec 2017 20:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	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: 32.186 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BF101773.D

Acq: 27 Dec 2017 20:09

Instrument :

BNA_F

ClientSampled :

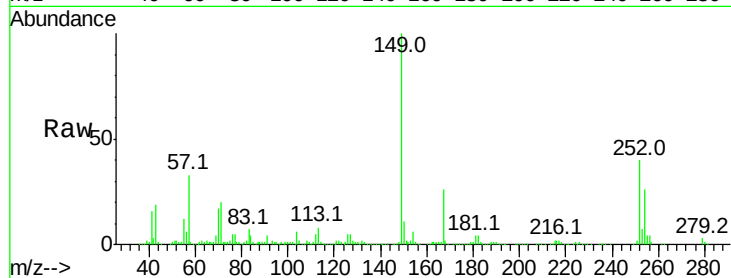
Tot Ion:149 Resp: 397767

Ion Ratio Lower Upper

149 100

167 26.0 21.3 31.9

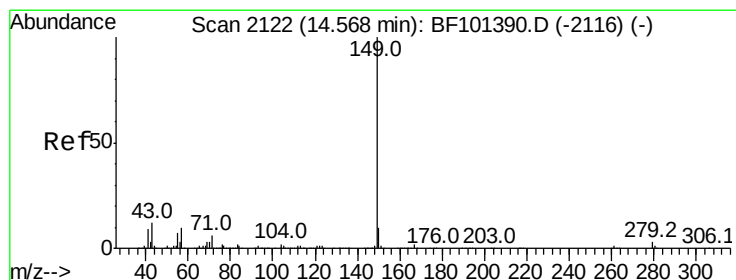
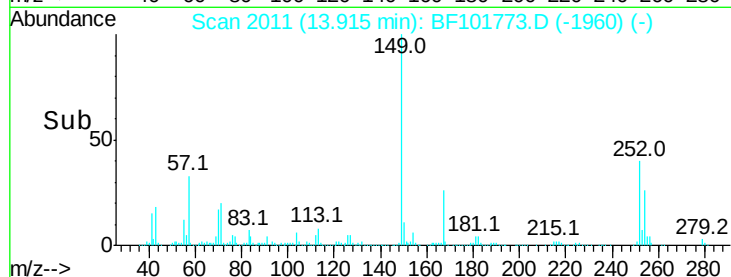
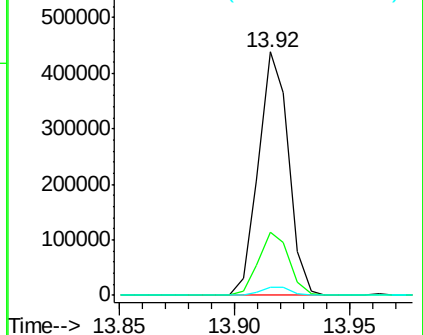
279 3.2 3.0 4.4



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: 31.875 ng

RT: 14.53 min Scan# 2115

Delta R.T. -0.00 min

Lab File: BF101773.D

Acq: 27 Dec 2017 20:09

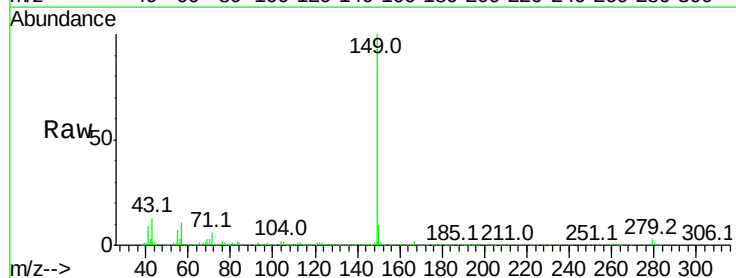
Tgt Ion:149 Resp: 702523

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

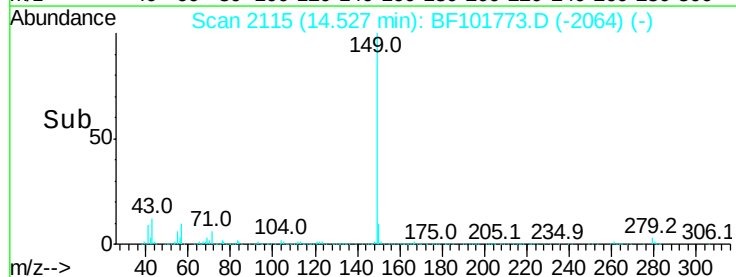
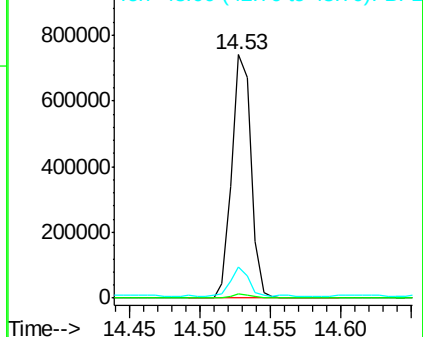
43 11.0 8.4 12.6

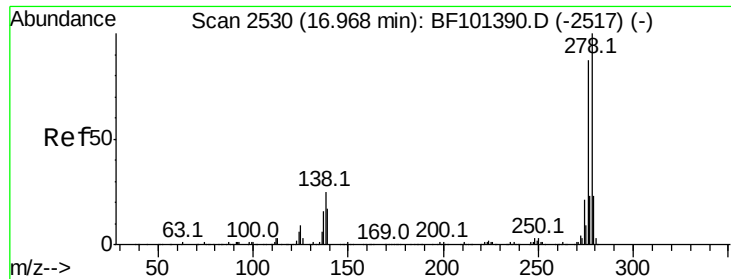


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

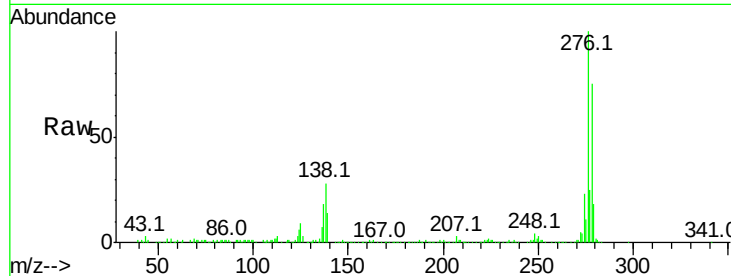




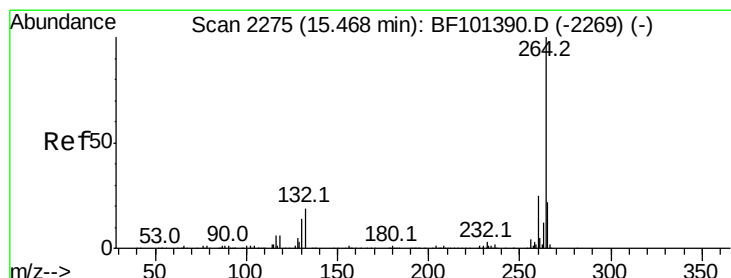
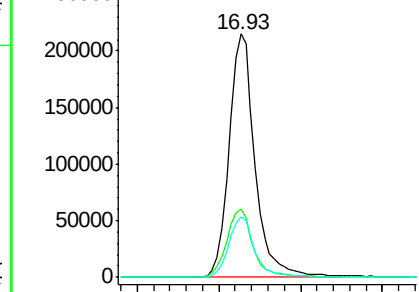
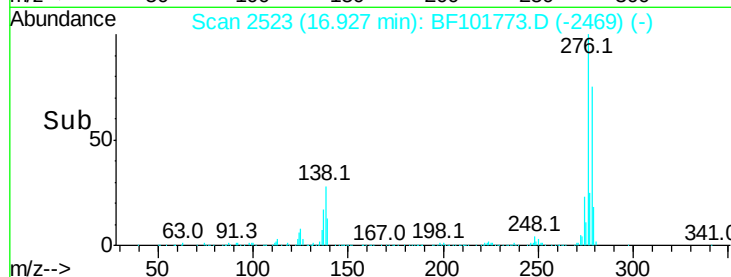
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 29.703 ng
 RT: 16.93 min Scan# 2523
 Delta R.T. 0.02 min
 Lab File: BF101773.D
 Acq: 27 Dec 2017 20:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.9	25.0	37.6
277	25.3	20.1	30.1

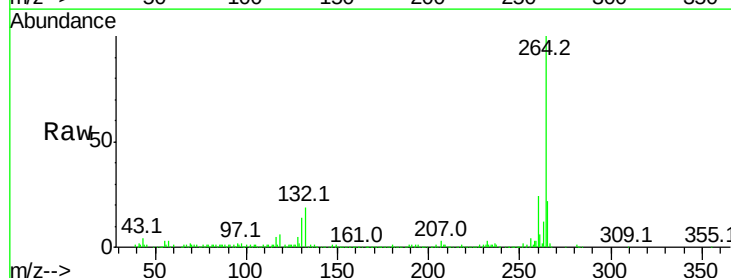


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

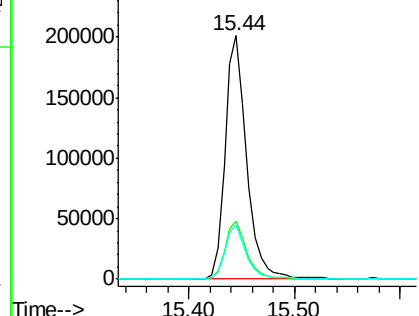
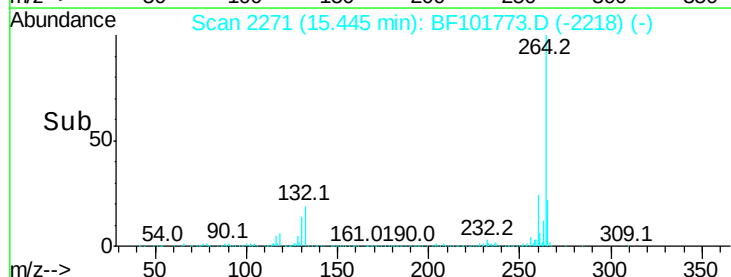


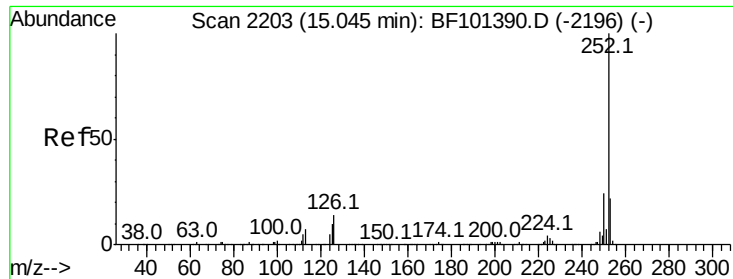
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: BF101773.D
 Acq: 27 Dec 2017 20:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.3	17.5	26.3



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

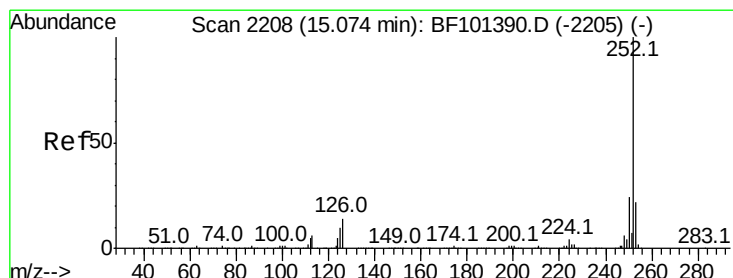
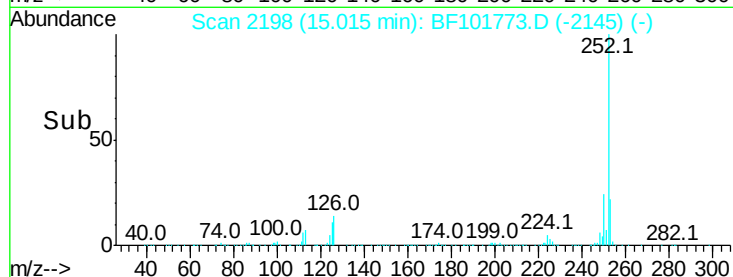
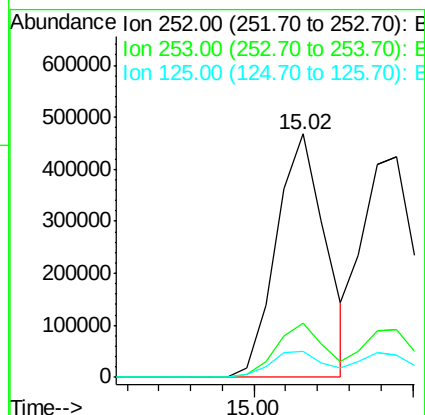
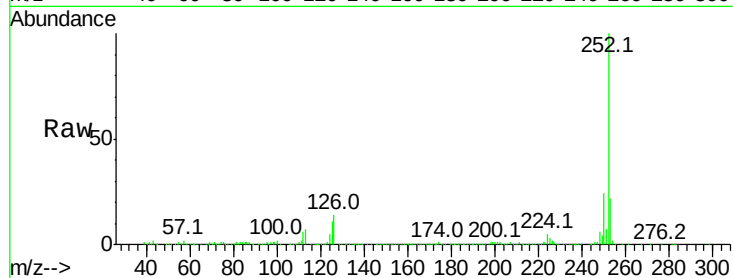




#87
Benzo(b)fluoranthene
Concen: 29.075 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF101773.D
Acq: 27 Dec 2017 20:09

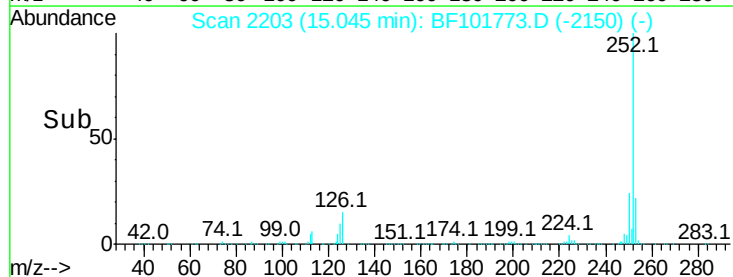
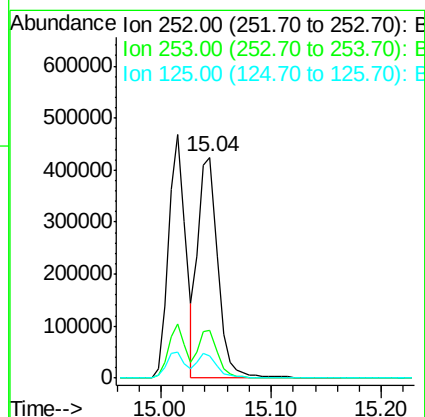
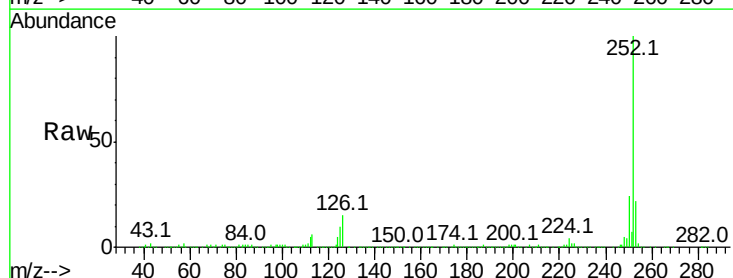
Instrument :
BNA_F
ClientSampleId :

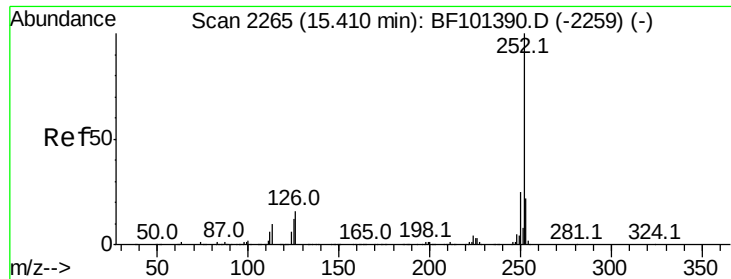
Tot Ion:252 Resp: 505934
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 10.8 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 30.651 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF101773.D
Acq: 27 Dec 2017 20:09

Tgt Ion:252 Resp: 518565
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 10.2 10.2 15.2





#89

Benzo(a)pyrene

Concen: 29.717 ng

RT: 15.39 min Scan# 2261

Delta R.T. 0.01 min

Lab File: BF101773.D

Acq: 27 Dec 2017 20:09

Instrument :

BNA_F

ClientSampled :

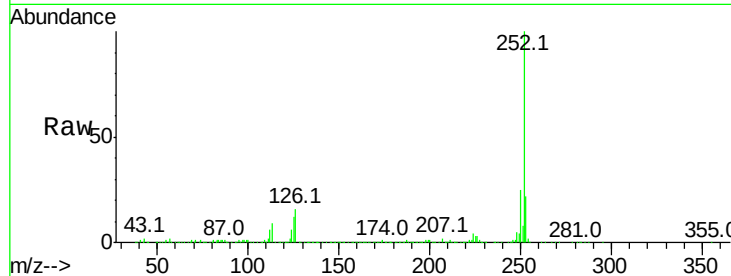
Tot Ion:252 Resp: 476700

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

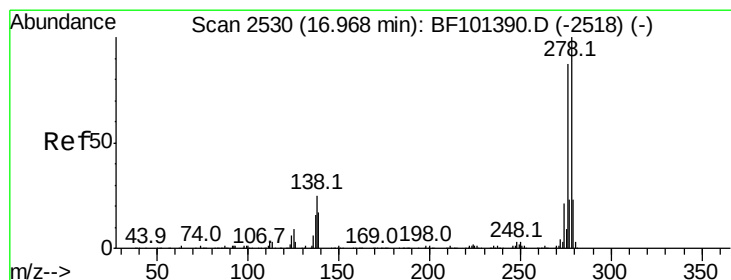
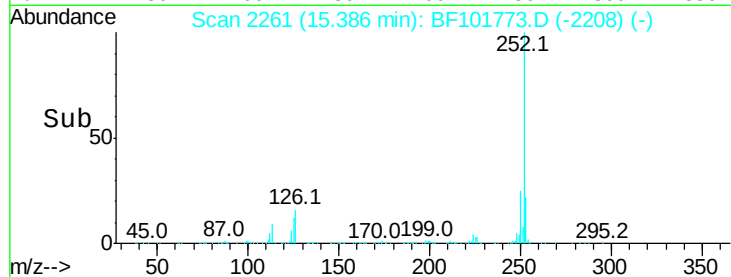
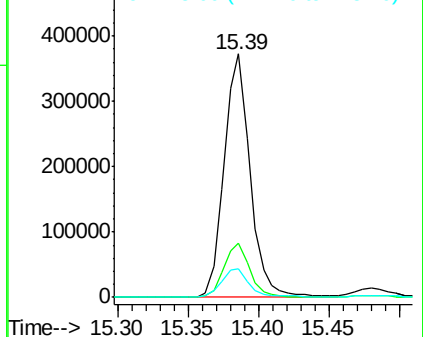
125 11.9 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 28.852 ng

RT: 16.92 min Scan# 2522

Delta R.T. 0.02 min

Lab File: BF101773.D

Acq: 27 Dec 2017 20:09

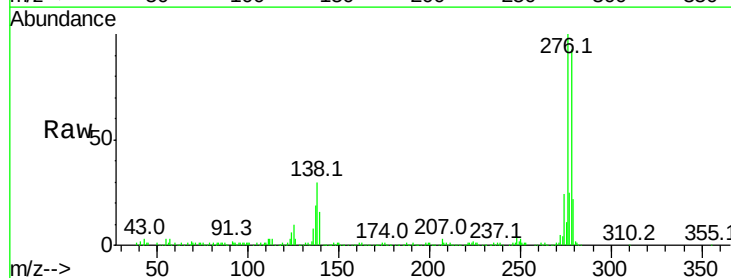
Tgt Ion:278 Resp: 397368

Ion Ratio Lower Upper

278 100

139 17.7 15.9 23.9

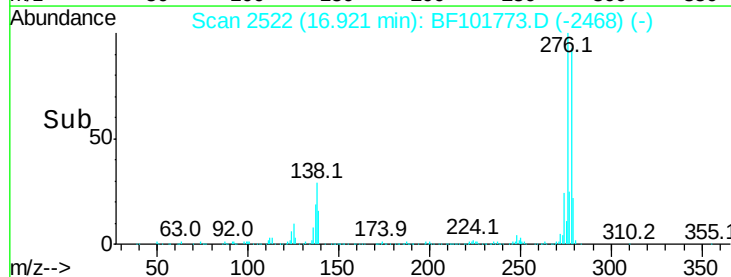
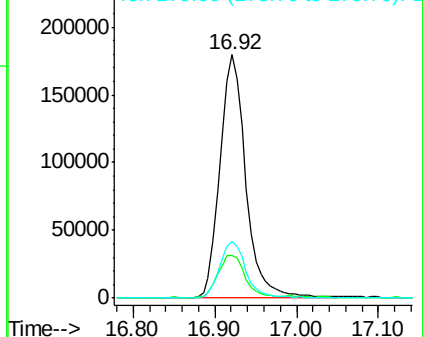
279 23.5 19.0 28.4

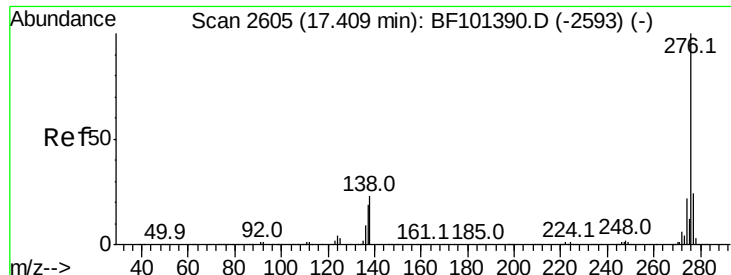


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

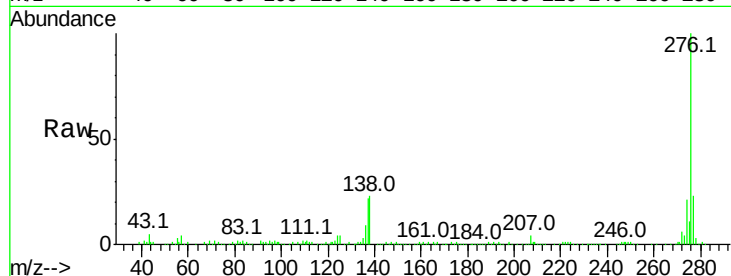




#91
 Benzo(a,h,i)perylene
 Concen: 27.822 ng
 RT: 17.38 min Scan# 2600
 Delta R.T. 0.03 min
 Lab File: BF101773.D
 Acq: 27 Dec 2017 20:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	23.2	21.8	32.8



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

