

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104224.D
 Acq On : 4 Apr 2018 14:44
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 04 18:07:02 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	93967	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	400186	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	197526	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	373401	20.00	ng	0.00
75) Chrysene-d12	14.14	240	298350	20.00	ng	0.00
86) Perylene-d12	15.68	264	263207	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	393136	66.72	ng	0.00
7) Phenol-d6	6.60	99	577394	79.65	ng	0.00
23) Nitrobenzene-d5	7.52	82	548009	83.75	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	183416	83.39	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1072053	85.59	ng	0.00
78) Terphenyl-d14	13.07	244	1121183	86.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.78	88	91066	35.834	ng	# 87
3) Pyridine	3.60	79	192256	29.884	ng	90
4) n-Nitrosodimethylamine	3.59	42	21451	11.217	ng	# 66
6) Aniline	6.63	93	319875	36.859	ng	# 77
8) 2-Chlorophenol	6.75	128	274920	42.534	ng	95
9) Benzaldehyde	6.52	77	157669	43.191	ng	93
10) Phenol	6.62	94	361100	44.957	ng	95
11) bis(2-Chloroethyl)ether	6.69	93	327349	47.294	ng	86
12) 1,3-Dichlorobenzene	6.89	146	283061	38.959	ng	98
13) 1,4-Dichlorobenzene	6.97	146	333292	42.812	ng	100
14) 1,2-Dichlorobenzene	7.12	146	302847	43.280	ng	99
15) Benzyl Alcohol	7.10	79	168569	35.764	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.22	45	311065	41.252	ng	# 39
17) 2-Methylphenol	7.21	107	211430	40.191	ng	# 78
18) Hexachloroethane	7.45	117	110753	42.490	ng	97
19) n-Nitroso-di-n-propylamine	7.36	70	193463	44.969	ng	90
20) 3+4-Methylphenols	7.37	107	266598	39.708	ng	# 56
22) Acetophenone	7.36	105	418308	43.203	ng	# 98
24) Nitrobenzene	7.54	77	280112	40.684	ng	99
25) Isophorone	7.77	82	480898	39.877	ng	98
26) 2-Nitrophenol	7.86	139	152280	42.371	ng	# 90
27) 2,4-Dimethylphenol	7.89	122	192939	37.224	ng	98
28) bis(2-Chloroethoxy)methane	7.97	93	307743	40.716	ng	98
29) 2,4-Dichlorophenol	8.10	162	225730	41.695	ng	98
30) 1,2,4-Trichlorobenzene	8.17	180	256544	41.764	ng	98
31) Naphthalene	8.26	128	782855	40.043	ng	99
32) Benzoic acid	8.03	122	155938	41.068	ng	90
33) 4-Chloroaniline	8.32	127	317242	38.490	ng	96
34) Hexachlorobutadiene	8.36	225	139190	41.640	ng	98
35) Caprolactam	8.68	113	66869	38.953	ng	# 80
36) 4-Chloro-3-methylphenol	8.80	107	236860	41.363	ng	96
37) 2-Methylnaphthalene	8.95	142	528653	41.051	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	242103	39.969	ng	98
40) Hexachlorocyclopentadiene	9.09	237	105228	39.809	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	139366	36.336	ng	98
43) 2,4,5-Trichlorophenol	9.28	196	188485	40.700	ng	94
45) 1,1'-Biphenyl	9.41	154	688996	40.641	ng	99
46) 2-Chloronaphthalene	9.44	162	546178	40.843	ng	98
47) 2-Nitroaniline	9.55	65	148032	38.821	ng	92
48) Acenaphthylene	9.86	152	815312	40.244	ng	99
49) Dimethylphthalate	9.70	163	620388	39.780	ng	99
50) 2,6-Dinitrotoluene	9.78	165	136031	40.543	ng	94
51) Acenaphthene	10.03	154	465266	39.699	ng	99
52) 3-Nitroaniline	9.97	138	163634	42.426	ng	94
53) 2,4-Dinitrophenol	10.09	184	37757	29.554	ng	# 34
54) Dibenzofuran	10.20	168	674682	39.422	ng	97
55) 4-Nitrophenol	10.16	139	76381	33.028	ng	94
56) 2,4-Dinitrotoluene	10.19	165	175243	40.932	ng	93
57) Fluorene	10.55	166	576363	40.826	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	149421	43.065	ng	# 84
59) Diethylphthalate	10.40	149	617842	41.354	ng	98
60) 4-Chlorophenyl-phenylether	10.53	204	272093	41.963	ng	96
61) 4-Nitroaniline	10.60	138	146913	40.708	ng	92
62) Azobenzene	10.69	77	544818	40.329	ng	93
64) 4,6-Dinitro-2-methylphenol	10.60	198	78268	34.627	ng	84
65) n-Nitrosodiphenylamine	10.66	169	503603	39.824	ng	100
66) 4-Bromophenyl-phenylether	11.02	248	153603	38.450	ng	91
67) Hexachlorobenzene	11.09	284	181554	39.509	ng	# 85
68) Atrazine	11.17	200	156670	40.440	ng	99
69) Pentachlorophenol	11.29	266	96112	38.009	ng	96
70) Phenanthrene	11.52	178	782545	38.709	ng	99
71) Anthracene	11.57	178	928181	43.955	ng	99
72) Carbazole	11.73	167	857187	42.531	ng	99
73) Di-n-butylphthalate	12.03	149	978574	40.762	ng	99
74) Fluoranthene	12.70	202	889900	41.412	ng	100
76) Benzidine	12.84	184	343553	40.407	ng	99
77) Pyrene	12.94	202	881151	41.085	ng	99
79) Butylbenzylphthalate	13.53	149	417377	41.307	ng	99
80) Benzo(a)anthracene	14.13	228	695094	37.234	ng	99
81) 3,3'-Dichlorobenzidine	14.09	252	262615	42.499	ng	98
82) Chrysene	14.17	228	795703	43.517	ng	98
83) Bis(2-ethylhexyl)phthalate	14.08	149	551441	42.238	ng	100
84) Di-n-octyl phthalate	14.70	149	873284	38.886	ng	# 94
85) Indeno(1,2,3-cd)pyrene	17.27	276	594149	31.357	ng	97
87) Benzo(b)fluoranthene	15.22	252	623966	38.953	ng	98
88) Benzo(k)fluoranthene	15.25	252	696951	46.188	ng	98
89) Benzo(a)pyrene	15.62	252	583194	39.287	ng	98
90) Dibenzo(a,h)anthracene	17.28	278	521955	38.031	ng	98
91) Benzo(g,h,i)perylene	17.75	276	491382	35.745	ng	96

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

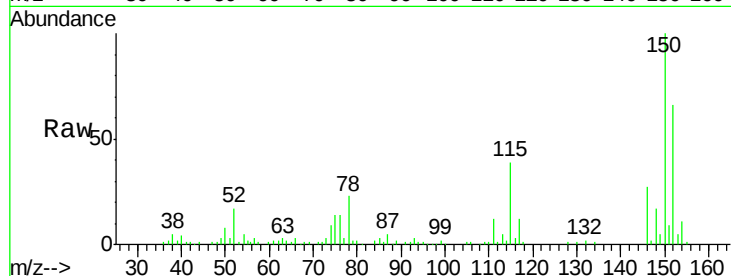


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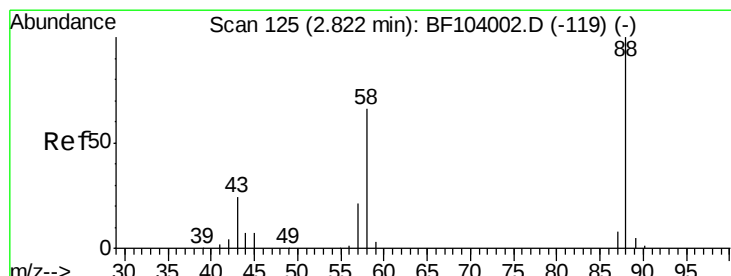
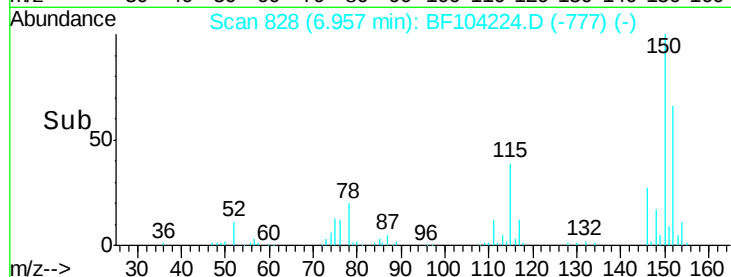
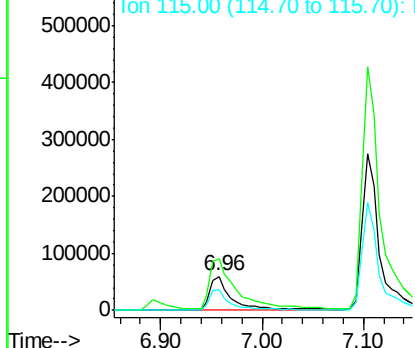
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF104224.D
 Acq: 4 Apr 2018 14:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 93967
 Ion Ratio Lower Upper
 152 100
 150 151.6 124.6 186.8
 115 59.6 50.1 75.1



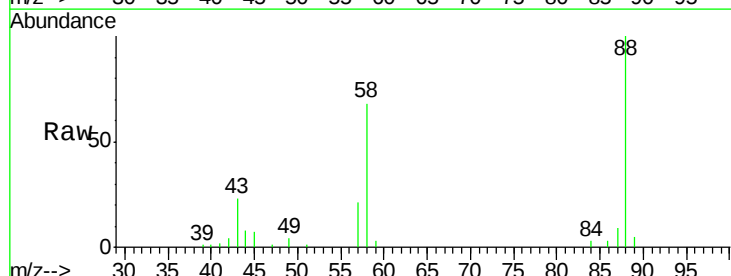
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



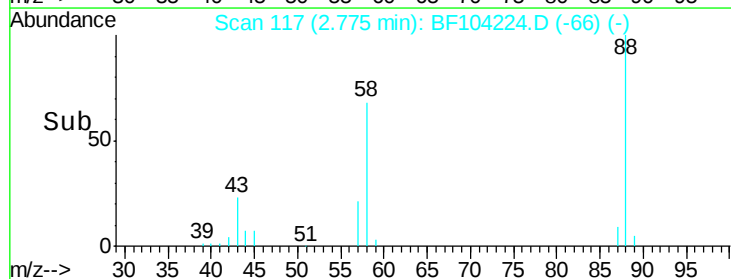
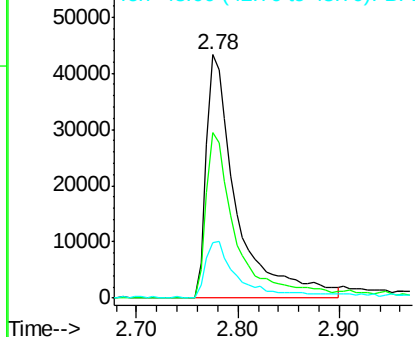
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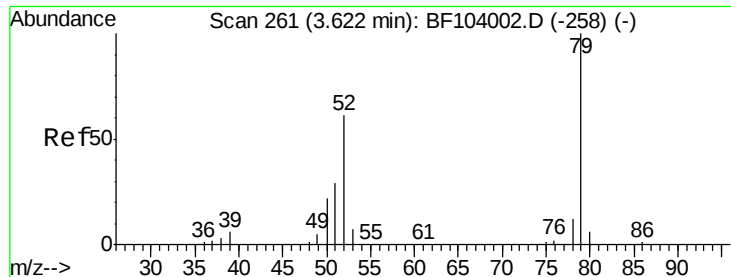
1,4-Dioxane
 Concen: 35.834 ng
 RT: 2.78 min Scan# 117
 Delta R.T. 0.00 min
 Lab File: BF104224.D
 Acq: 4 Apr 2018 14:44

Tgt Ion: 88 Resp: 91066
 Ion Ratio Lower Upper
 88 100
 58 66.6 62.6 93.8
 43 23.5 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: 29.884 ng

RT: 3.60 min Scan# 258

Delta R.T. 0.00 min

Lab File: BF104224.D

Acq: 4 Apr 2018 14:44

Instrument :

BNA_F

ClientSampleId :

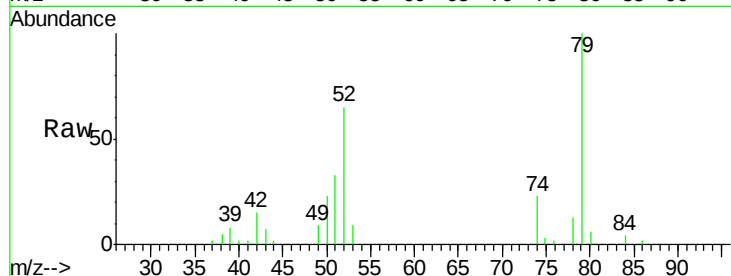
Tot Ion: 79 Resp: 192256

Ion Ratio Lower Upper

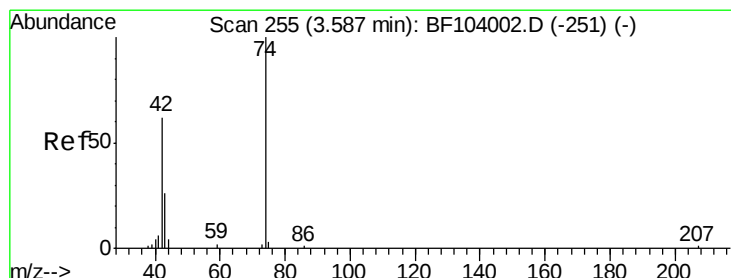
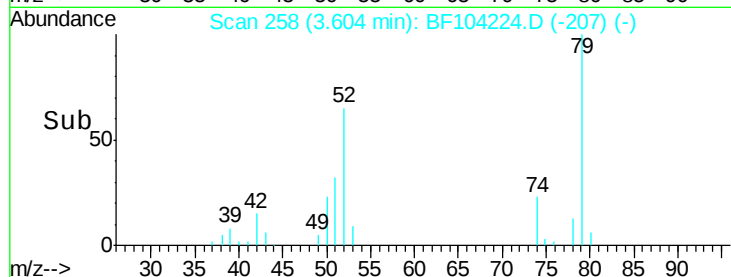
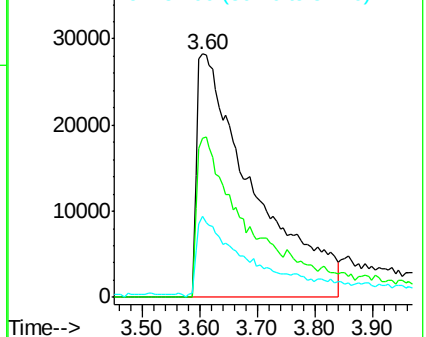
79 100

52 65.1 59.8 89.6

51 33.2 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 11.217 ng

RT: 3.59 min Scan# 255

Delta R.T. 0.00 min

Lab File: BF104224.D

Acq: 4 Apr 2018 14:44

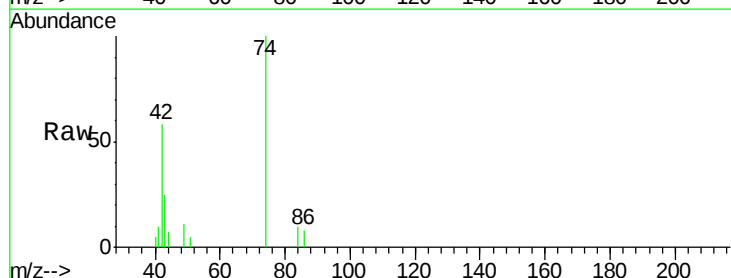
Tgt Ion: 42 Resp: 21451

Ion Ratio Lower Upper

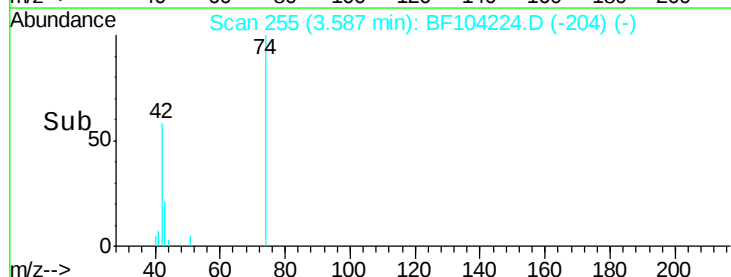
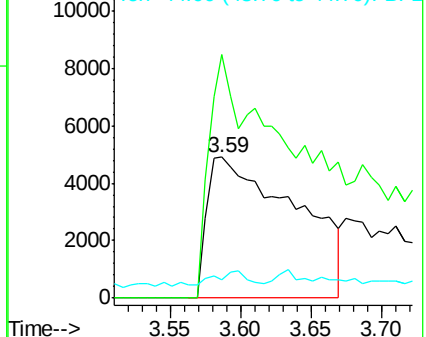
42 100

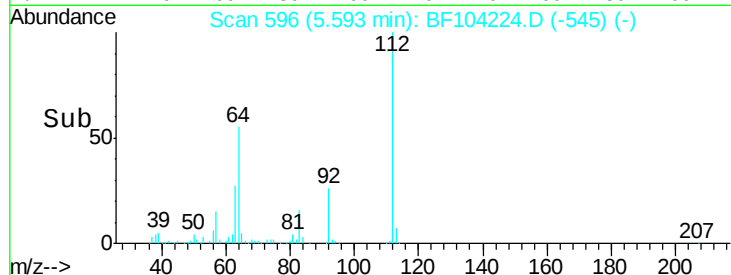
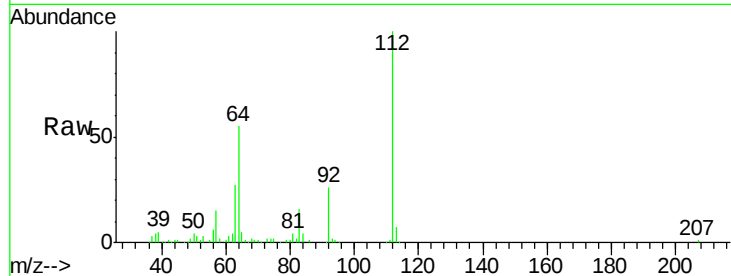
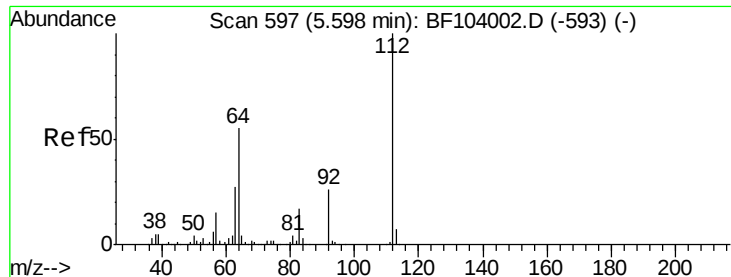
74 172.6 104.9 157.3#

44 12.7 6.9 10.3#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 66.721 ng

RT: 5.59 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF104224.D

Acq: 4 Apr 2018 14:44

Instrument :

BNA_F

ClientSampled :

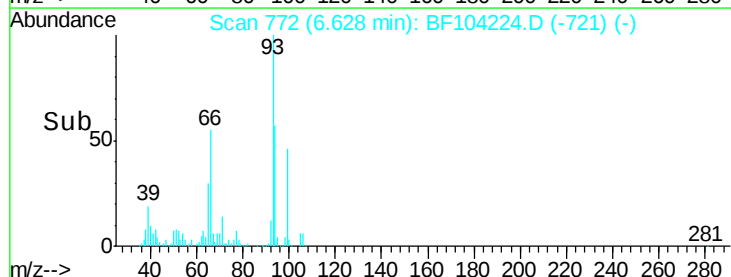
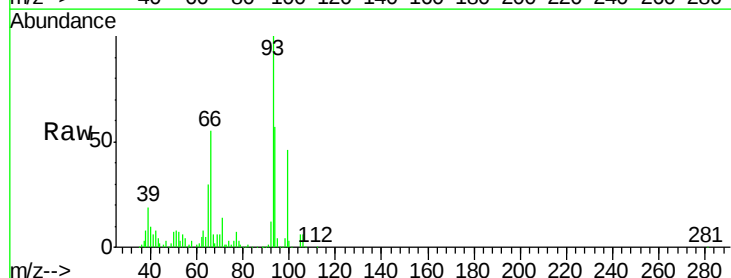
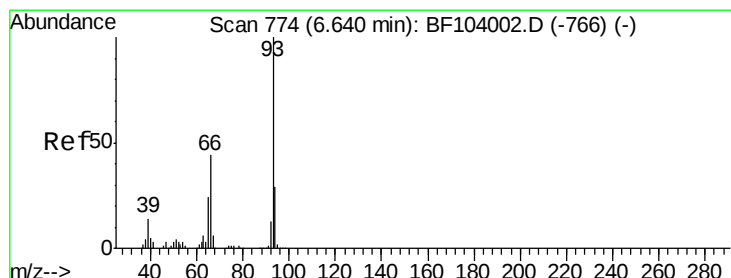
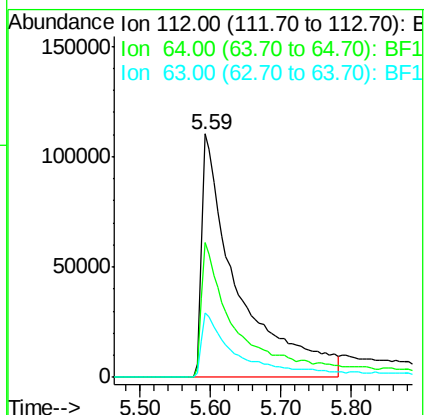
Tot Ion:112 Resp: 393136

Ion Ratio Lower Upper

112 100

64 55.2 47.9 71.9

63 26.5 23.7 35.5



#6

Aniline

Concen: 36.859 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF104224.D

Acq: 4 Apr 2018 14:44

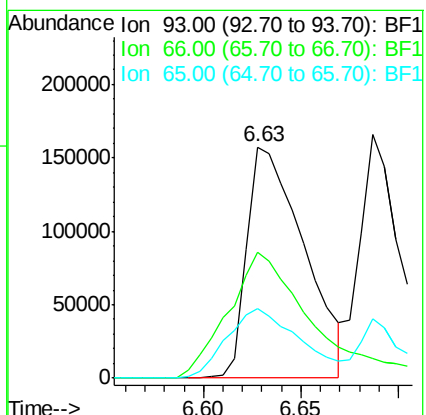
Tgt Ion: 93 Resp: 319875

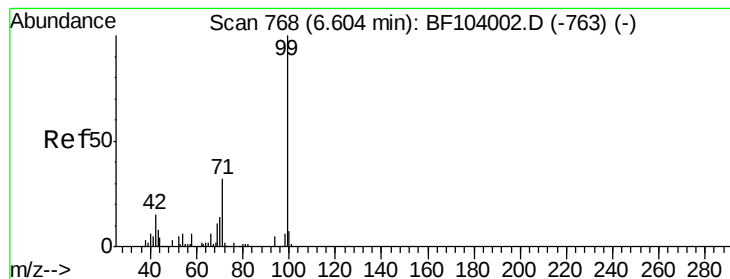
Ion Ratio Lower Upper

93 100

66 54.6 32.2 48.2#

65 30.3 16.4 24.6#





#7

Phenol-d6

Concen: 79.648 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF104224.D

Acq: 4 Apr 2018 14:44

Instrument :

BNA_F

ClientSampleId :

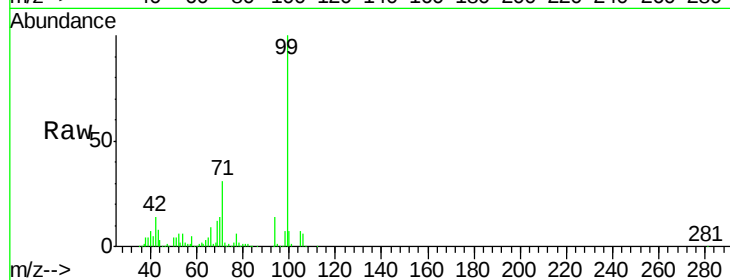
Tot Ion: 99 Resp: 577394

Ion Ratio Lower Upper

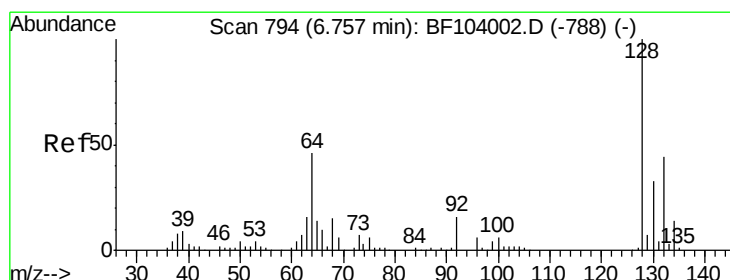
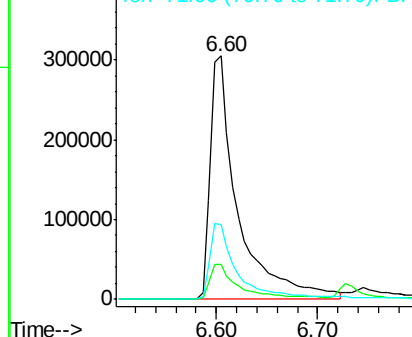
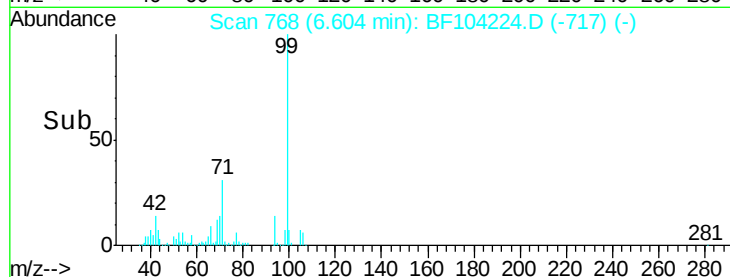
99 100

42 14.5 14.5 21.7#

71 30.7 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: 42.534 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF104224.D

Acq: 4 Apr 2018 14:44

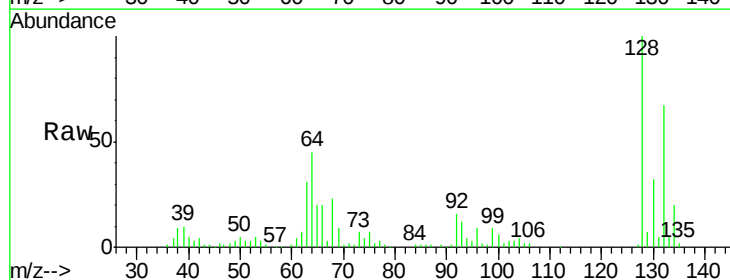
Tgt Ion: 128 Resp: 274920

Ion Ratio Lower Upper

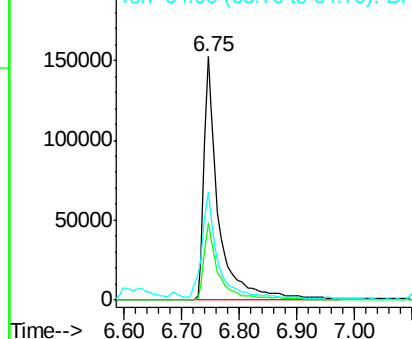
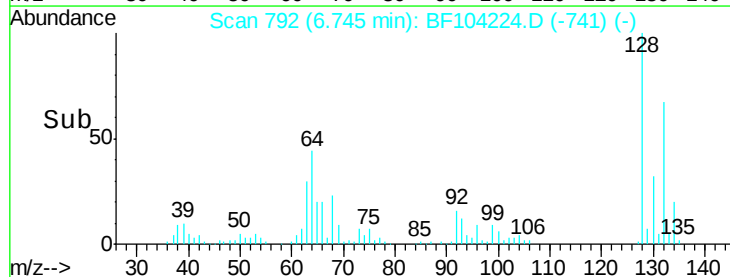
128 100

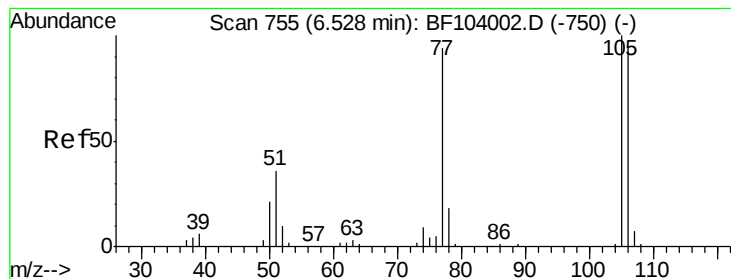
130 31.8 13.0 53.0

64 44.5 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: 43.191 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF104224.D

Acq: 4 Apr 2018 14:44

Instrument :

BNA_F

ClientSampleId :

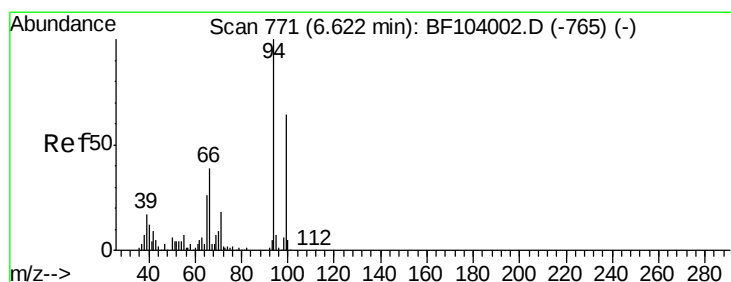
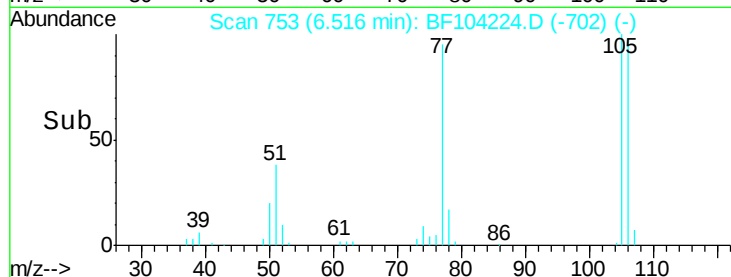
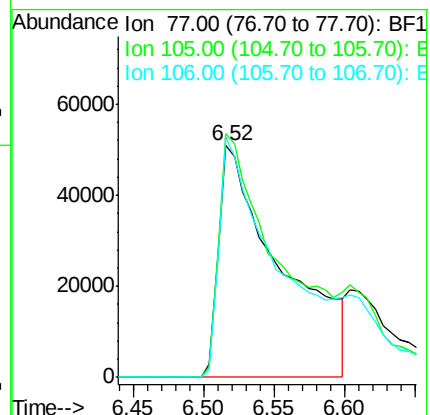
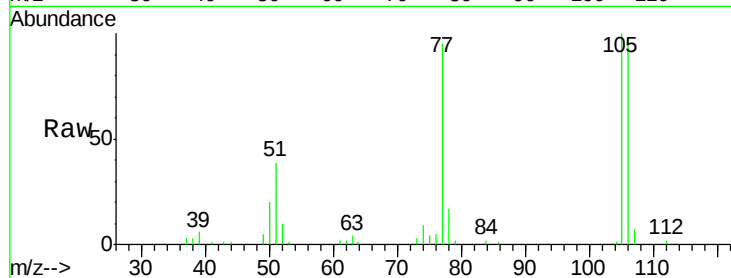
Tot Ion: 77 Resp: 157669

Ion Ratio Lower Upper

77 100

105 105.2 81.1 121.1

106 103.4 74.5 114.5



#10

Phenol

Concen: 44.957 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF104224.D

Acq: 4 Apr 2018 14:44

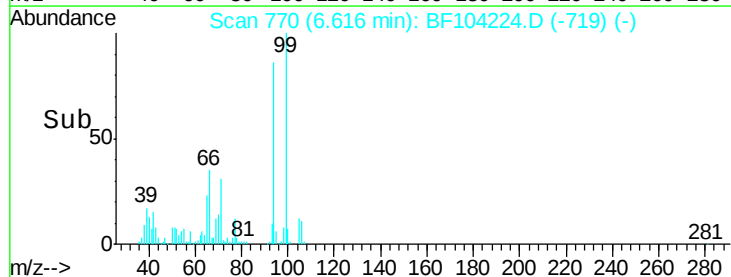
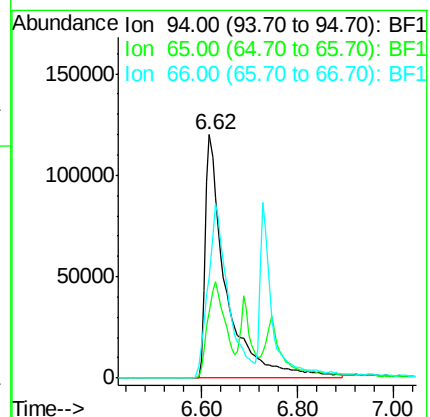
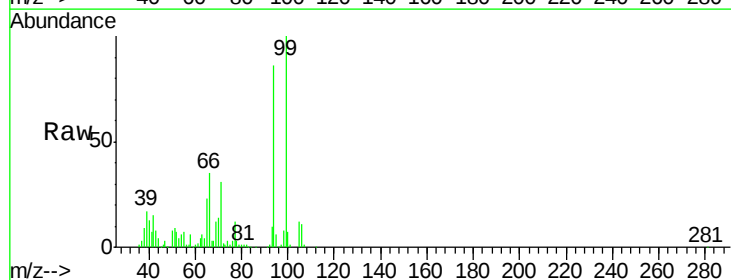
Tgt Ion: 94 Resp: 361100

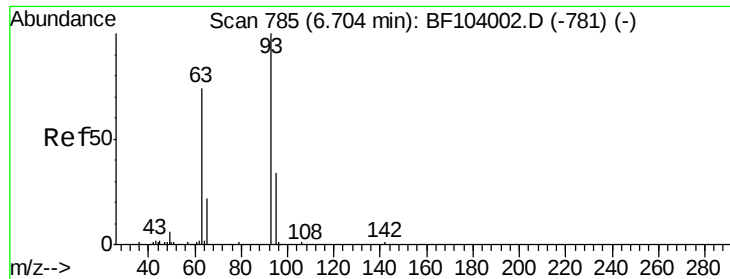
Ion Ratio Lower Upper

94 100

65 27.0 7.9 47.9

66 41.2 16.2 56.2



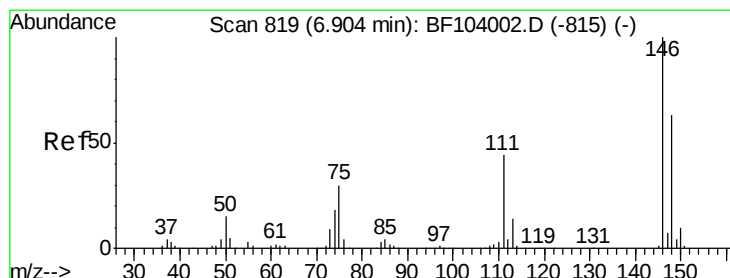
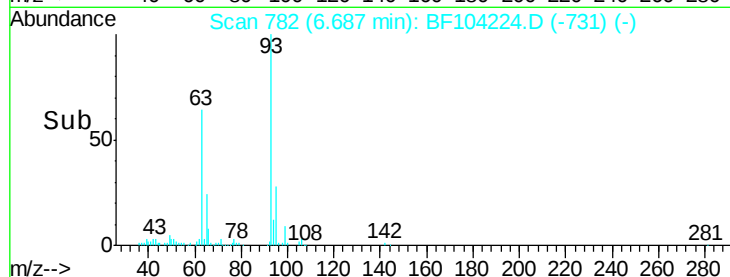
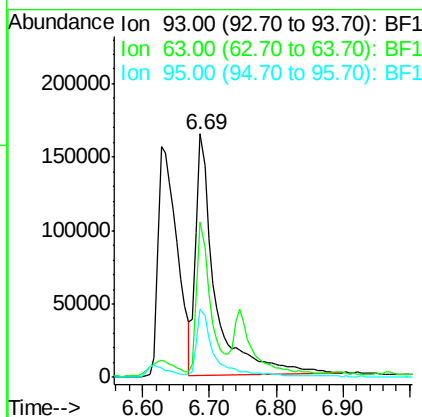
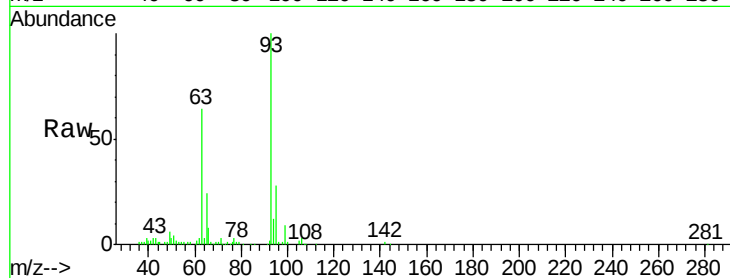


#11
bis(2-Chloroethyl)ether
Concen: 47.294 ng
RT: 6.69 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF104224.D
Acq: 4 Apr 2018 14:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 327349

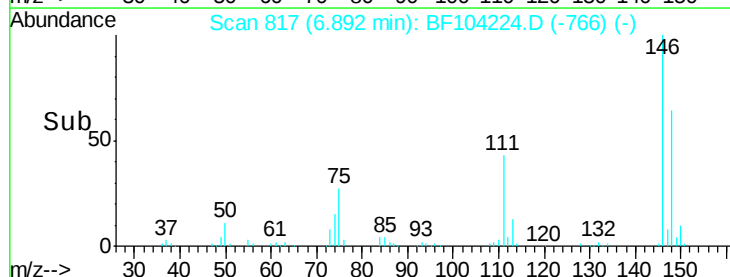
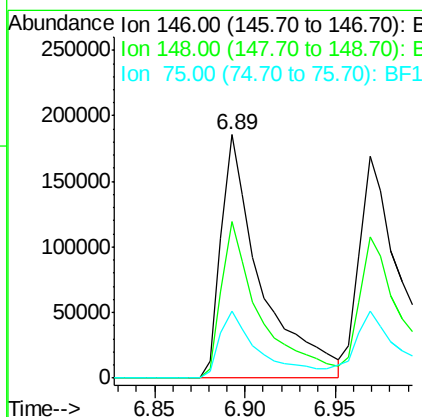
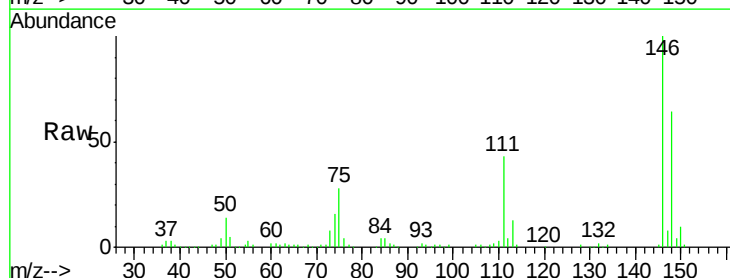
Ion	Ratio	Lower	Upper
93	100		
63	63.8	58.6	98.6
95	28.2	11.8	51.8

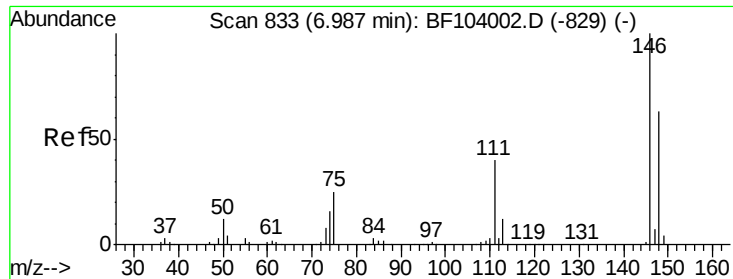


#12
1,3-Dichlorobenzene
Concen: 38.959 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF104224.D
Acq: 4 Apr 2018 14:44

Tgt Ion: 146 Resp: 283061

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.8
75	27.7	24.2	36.4

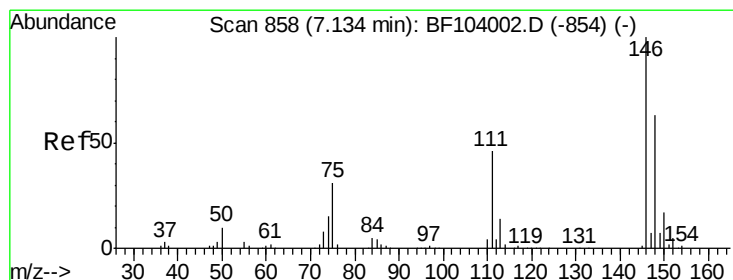
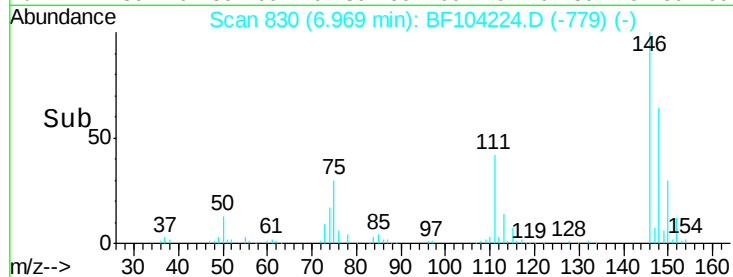
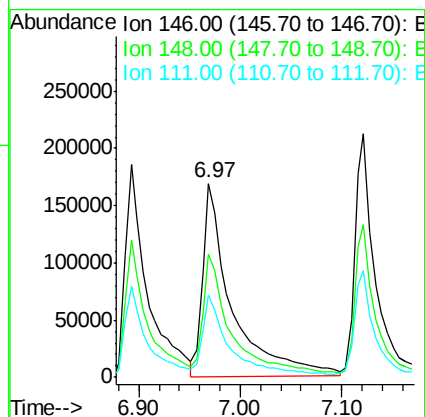
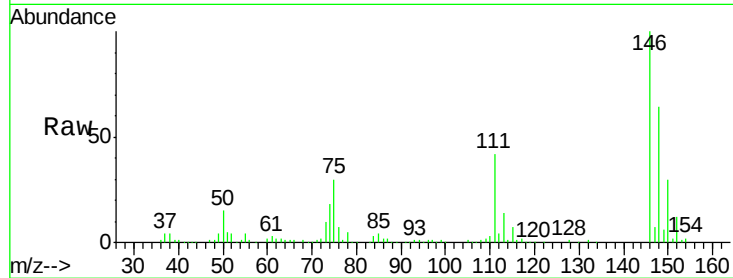




#13
 1,4-Dichlorobenzene
 Concen: 42.812 ng
 RT: 6.97 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF104224.D
 Acq: 4 Apr 2018 14:44

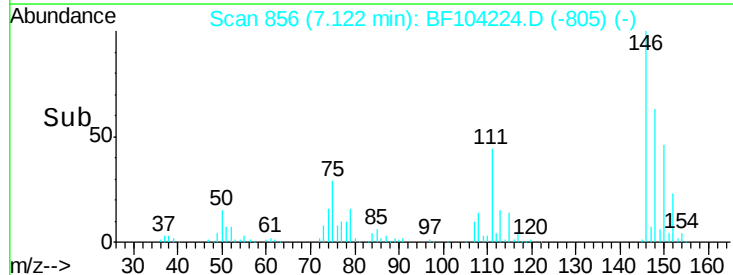
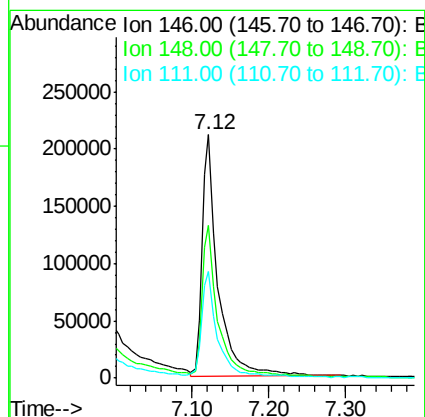
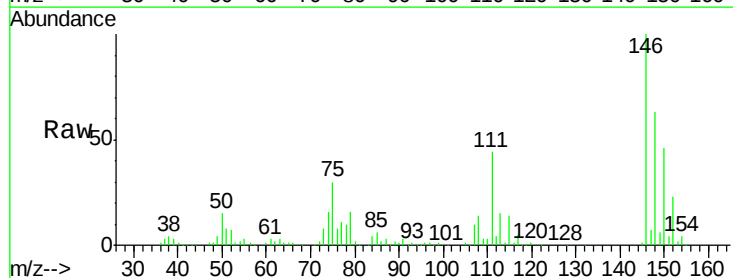
Instrument :
 BNA_F
 ClientSampleId :

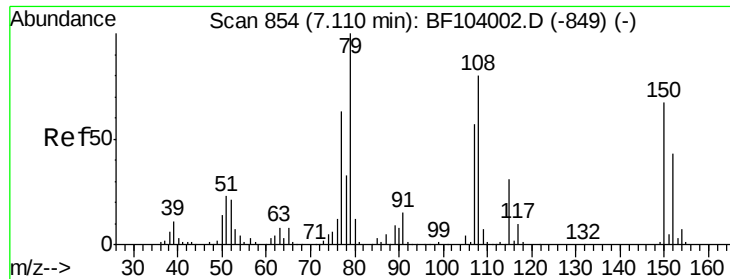
Tot Ion:146 Resp: 333292
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.8 76.2
 111 42.3 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 43.280 ng
 RT: 7.12 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: BF104224.D
 Acq: 4 Apr 2018 14:44

Tgt Ion:146 Resp: 302847
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.6 75.8
 111 43.7 36.0 54.0





#15

Benzyl Alcohol

Concen: 35.764 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF104224.D

Acq: 4 Apr 2018 14:44

Instrument :
BNA_F
ClientSampled :

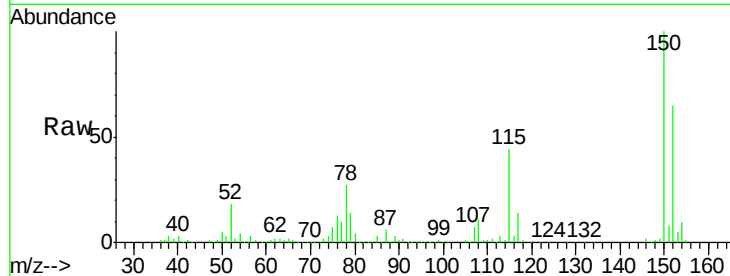
Tot Ion: 79 Resp: 168569

Ion Ratio Lower Upper

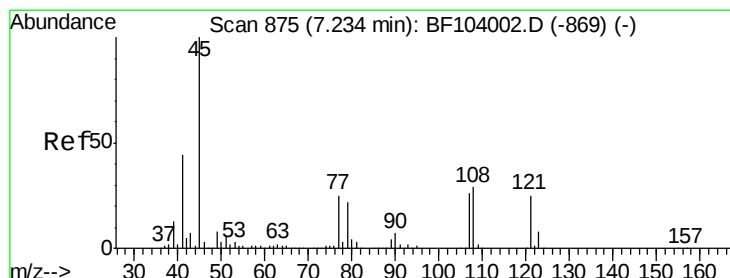
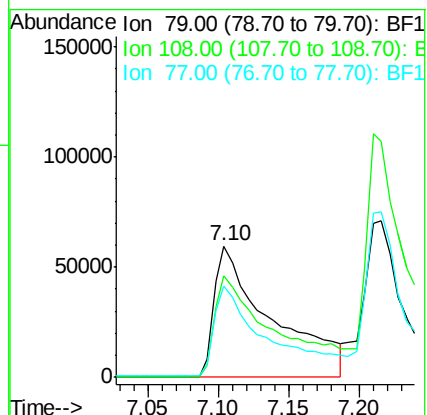
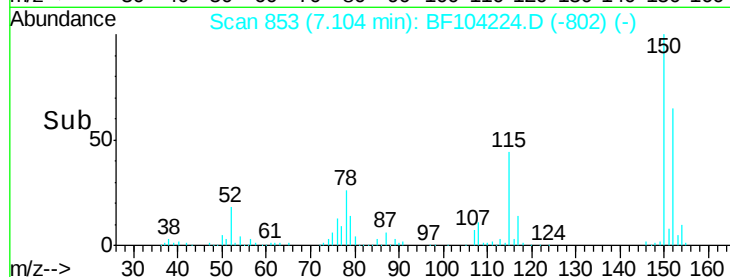
79 100

108 76.8 65.1 97.7

77 69.0 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.252 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF104224.D

Acq: 4 Apr 2018 14:44

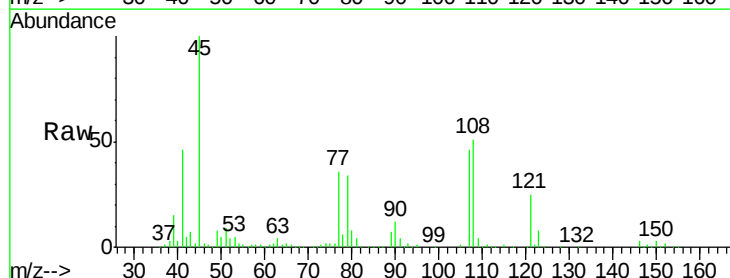
Tgt Ion: 45 Resp: 311065

Ion Ratio Lower Upper

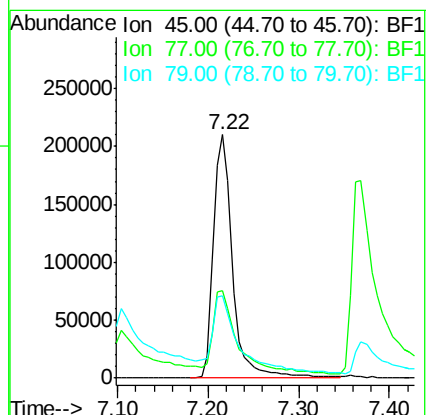
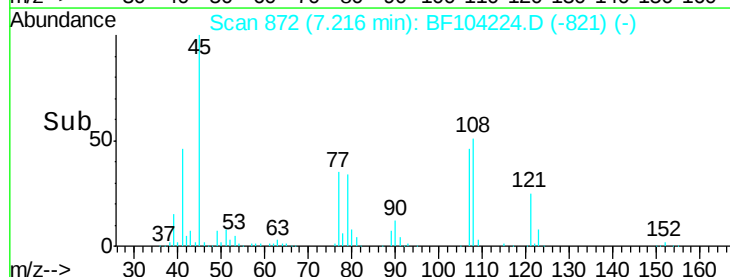
45 100

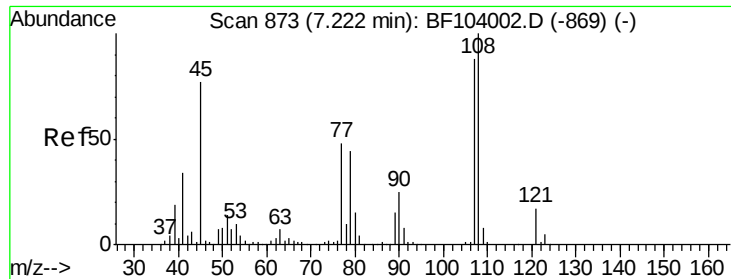
77 35.8 0.0 32.9#

79 33.9 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

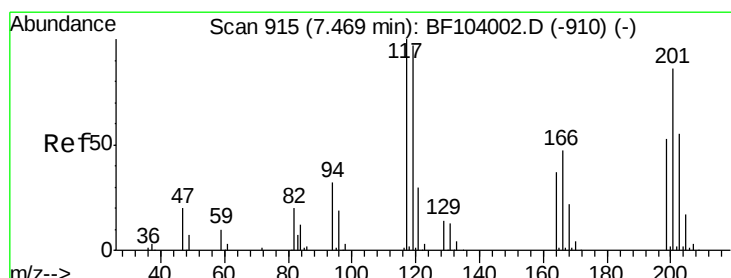
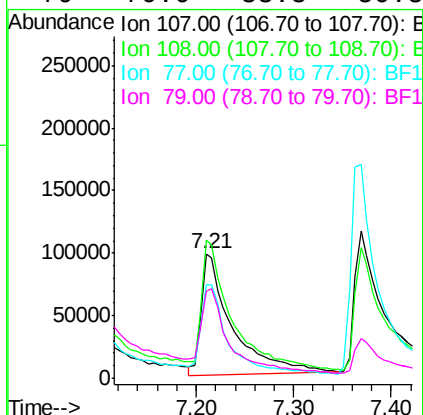
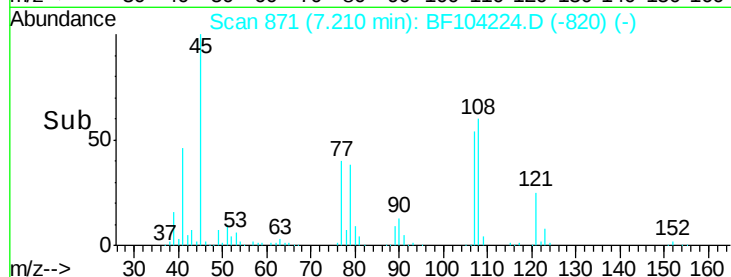
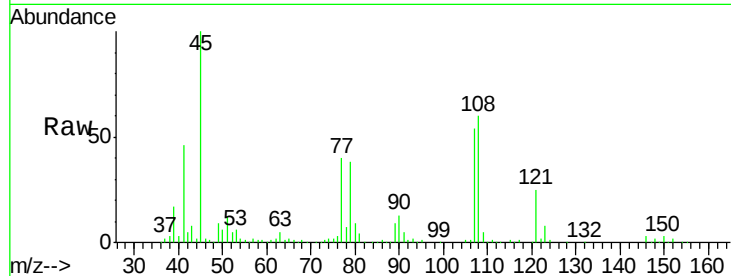




#17
2-Methylphenol
Concen: 40.191 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF104224.D
Acq: 4 Apr 2018 14:44

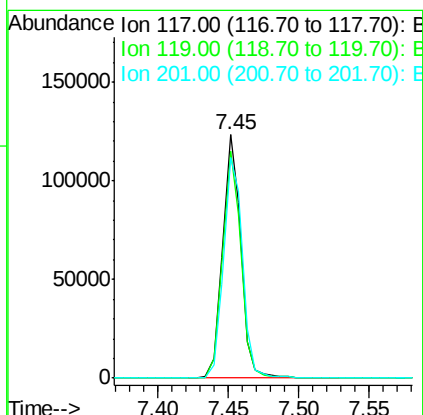
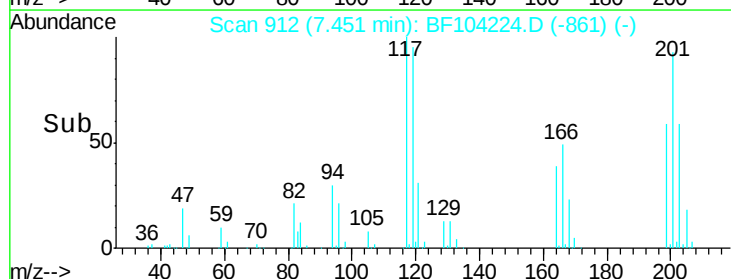
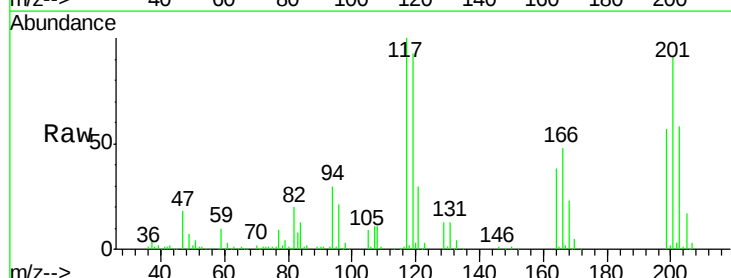
Instrument :
BNA_F
ClientSampleId :

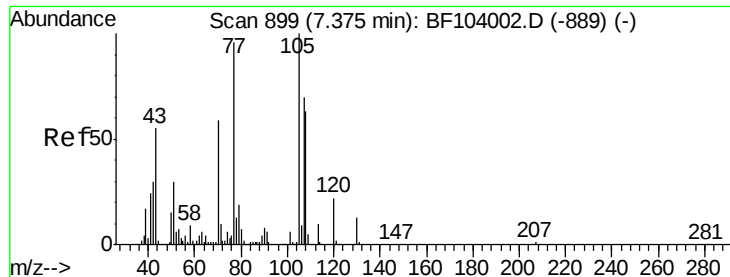
Tot Ion:107 Resp: 211430
Ion Ratio Lower Upper
107 100
108 111.1 91.7 137.5
77 74.7 33.8 50.8#
79 70.0 33.8 50.8#



#18
Hexachloroethane
Concen: 42.490 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.00 min
Lab File: BF104224.D
Acq: 4 Apr 2018 14:44

Tgt Ion:117 Resp: 110753
Ion Ratio Lower Upper
117 100
119 93.2 75.8 113.8
201 90.6 75.7 113.5

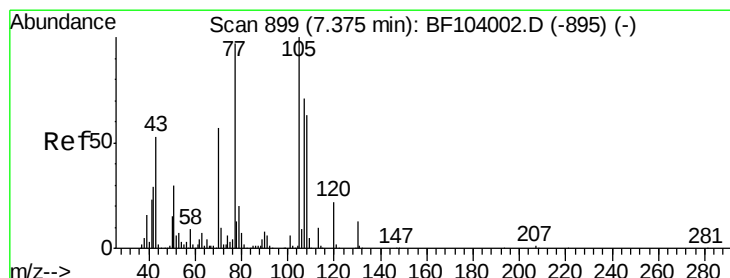
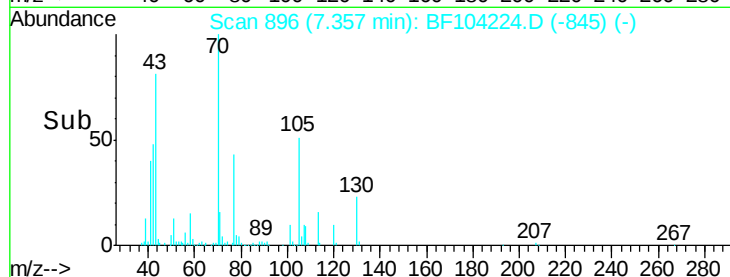
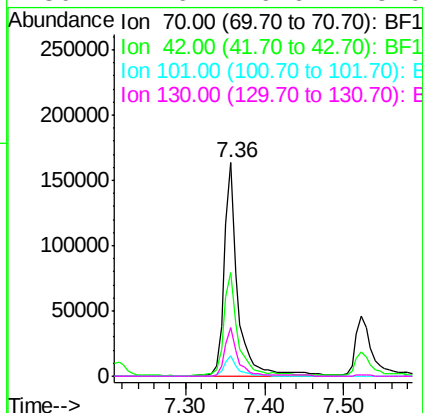
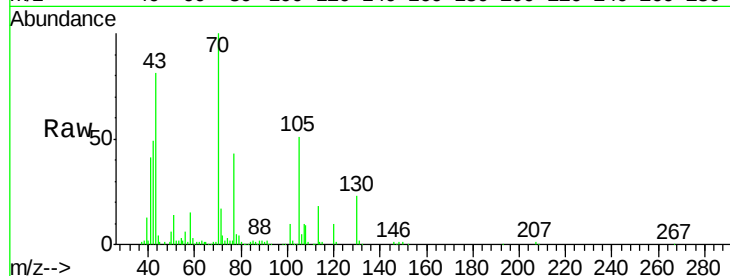




#19
n-Nitroso-di-n-propylamine
Concen: 44.969 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF104224.D
Acq: 4 Apr 2018 14:44

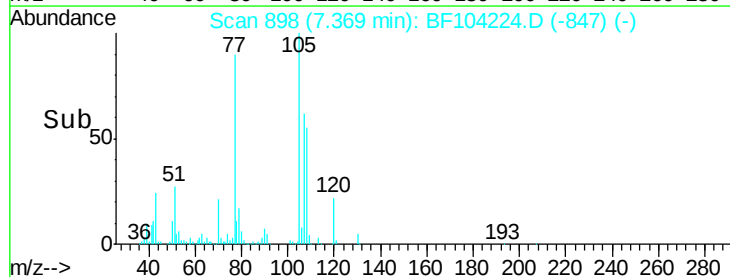
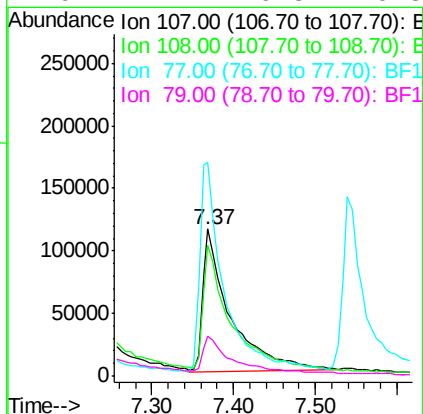
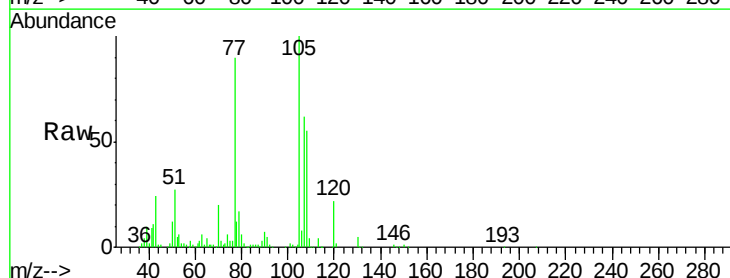
Instrument :
BNA_F
ClientSampleId :

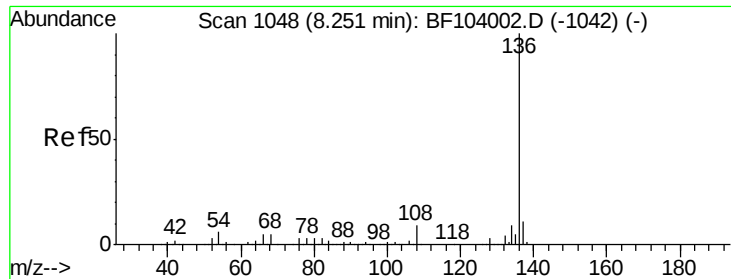
Tot Ion: 70 Resp: 193463
Ion Ratio Lower Upper
70 100
42 48.7 47.5 71.3
101 9.6 7.4 11.2
130 22.6 16.6 25.0



#20
3+4-Methylphenols
Concen: 39.708 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF104224.D
Acq: 4 Apr 2018 14:44

Tgt Ion:107 Resp: 266598
Ion Ratio Lower Upper
107 100
108 89.0 68.2 108.2
77 145.6 26.7 66.7#
79 27.2 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF104224.D

Acq: 4 Apr 2018 14:44

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 400186

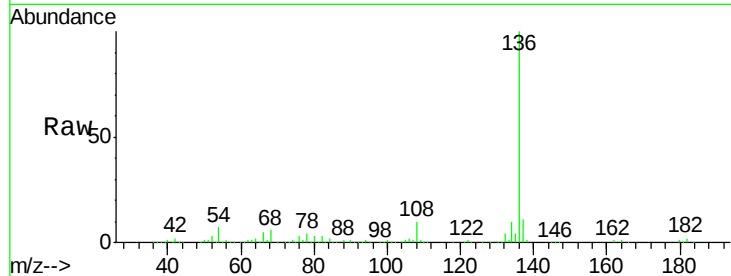
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.1 6.6 9.8

68 5.8 5.0 7.4

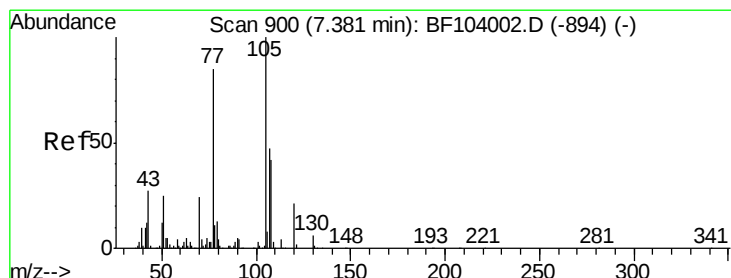
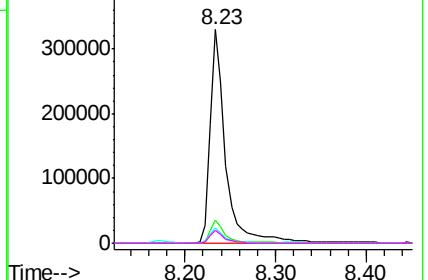
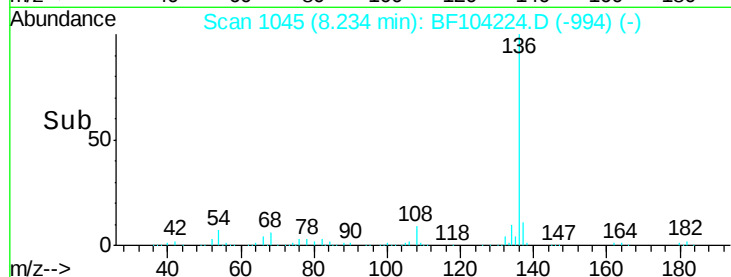


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.203 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF104224.D

Acq: 4 Apr 2018 14:44

Tgt Ion:105 Resp: 418308

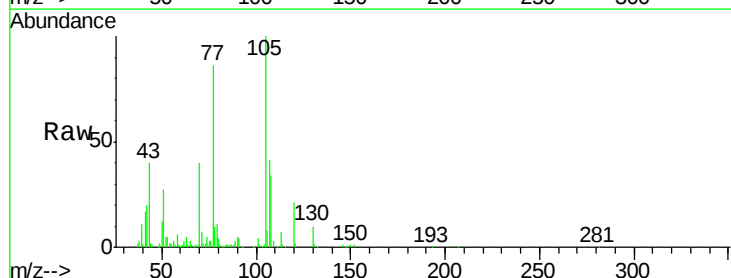
Ion Ratio Lower Upper

105 100

71 7.2 4.4 6.6#

51 27.0 22.3 33.5

120 20.7 16.9 25.3

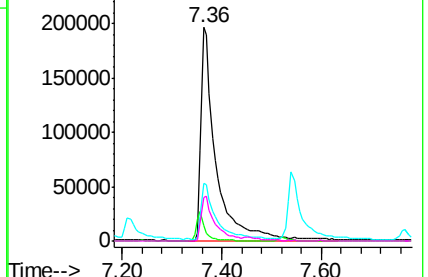
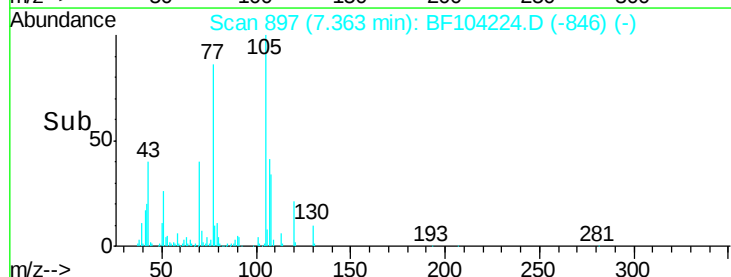


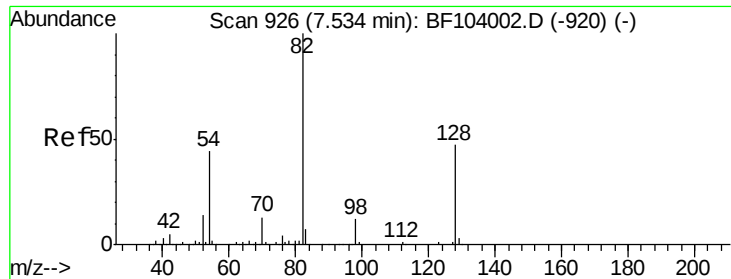
Abundance Ion 105.00 (104.70 to 105.70): E

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

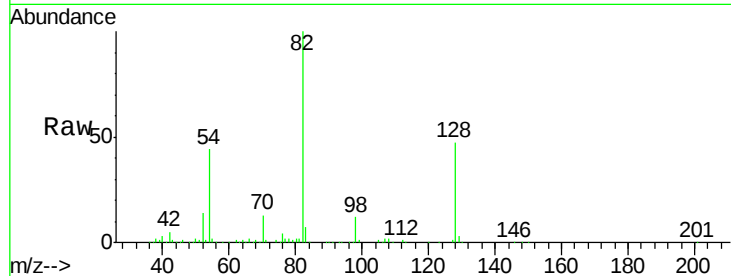




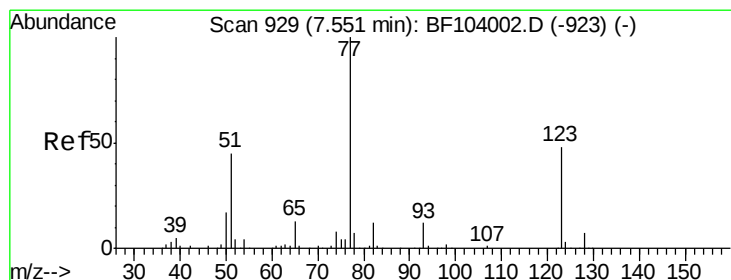
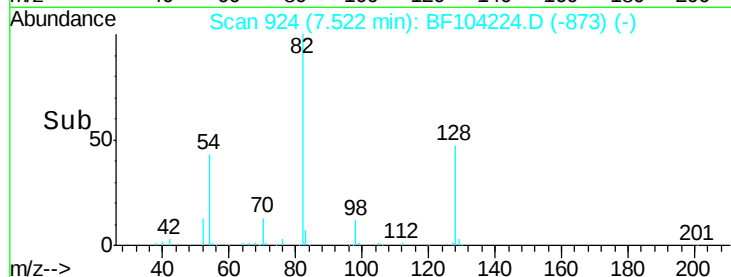
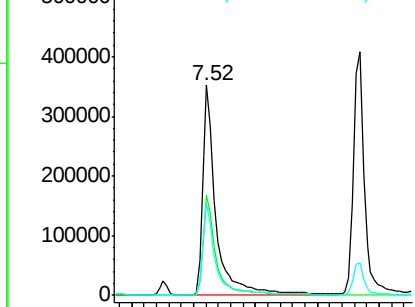
#23
 Nitrobenzene-d5
 Concen: 83.745 ng
 RT: 7.52 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF104224.D
 Acq: 4 Apr 2018 14:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 548009
 Ion Ratio Lower Upper
 82 100
 128 47.5 36.1 54.1
 54 43.8 41.4 62.2

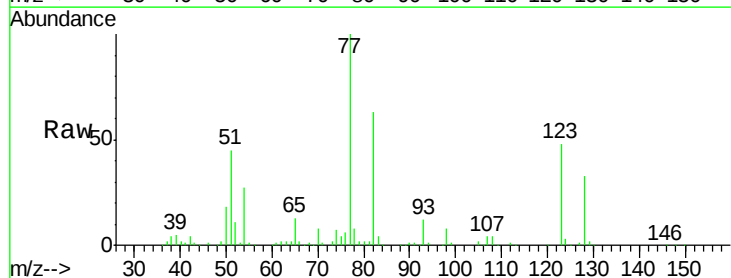


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

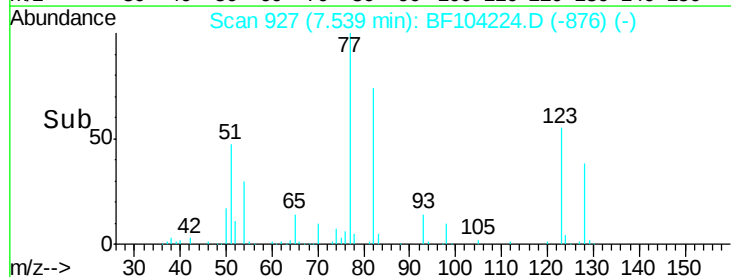
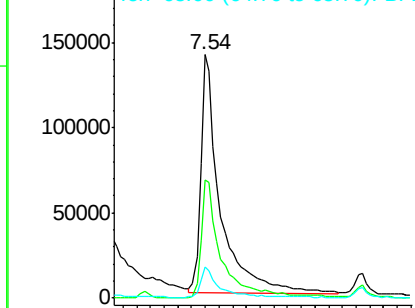


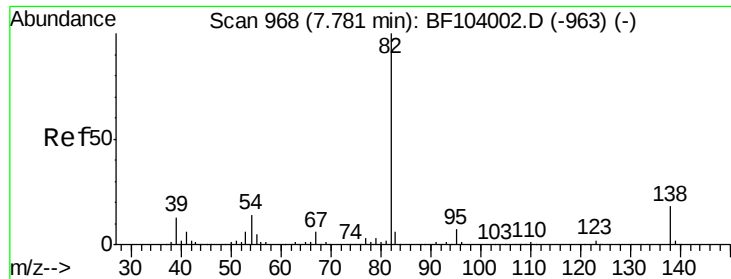
#24
 Nitrobenzene
 Concen: 40.684 ng
 RT: 7.54 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: BF104224.D
 Acq: 4 Apr 2018 14:44

Tgt Ion: 77 Resp: 280112
 Ion Ratio Lower Upper
 77 100
 123 48.3 37.9 56.9
 65 13.0 11.0 16.4



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





#25

Isophorone

Concen: 39.877 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF104224.D

Acq: 4 Apr 2018 14:44

Instrument :

BNA_F

ClientSampleId :

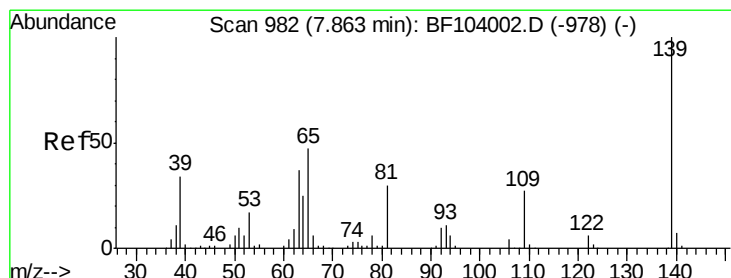
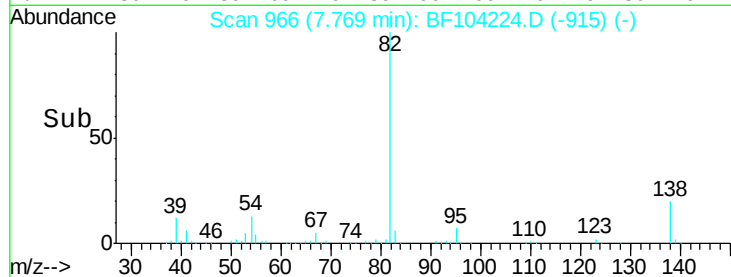
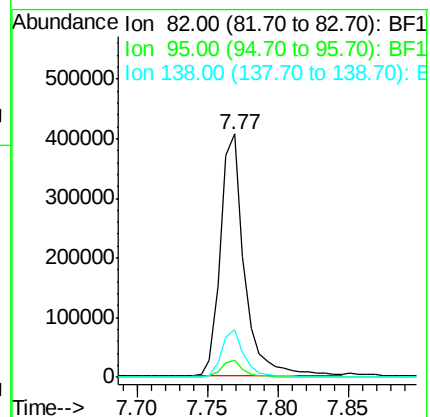
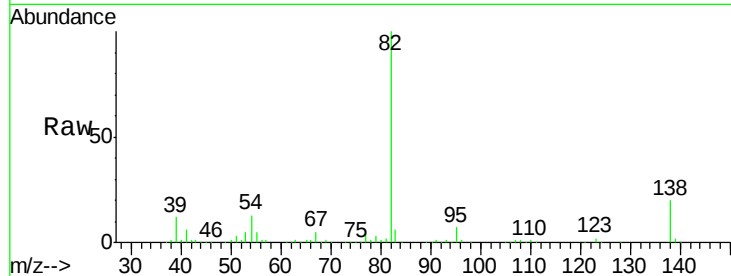
Tot Ion: 82 Resp: 480898

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

138 19.6 14.9 22.3



#26

2-Nitrophenol

Concen: 42.371 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF104224.D

Acq: 4 Apr 2018 14:44

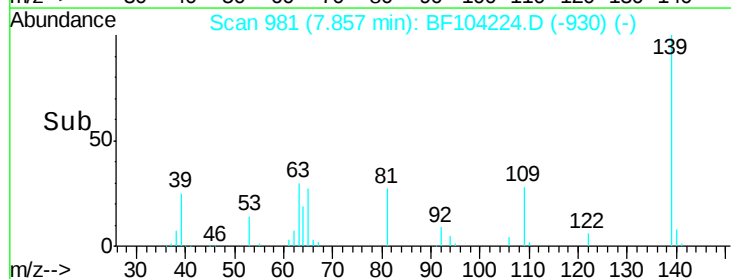
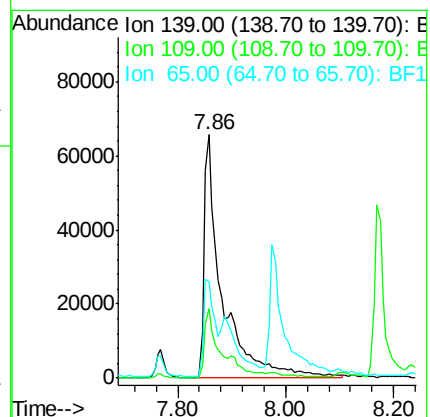
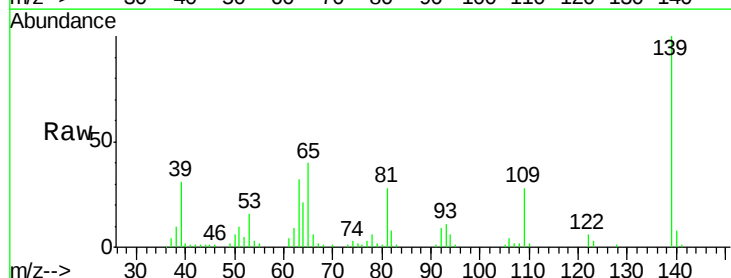
Tgt Ion: 139 Resp: 152280

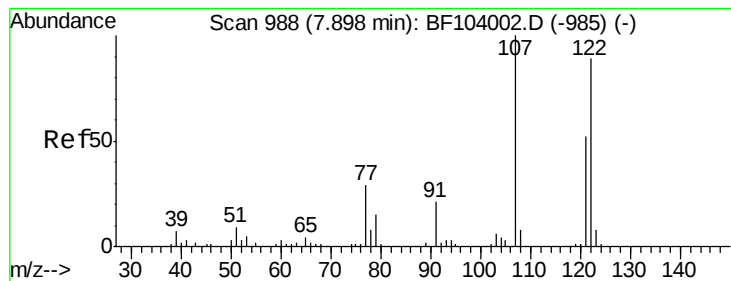
Ion Ratio Lower Upper

139 100

109 28.5 22.7 34.1

65 39.7 40.5 60.7#

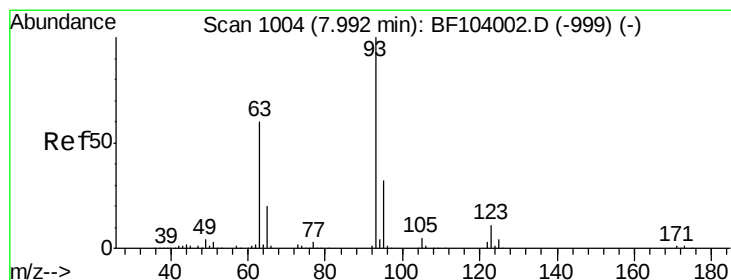
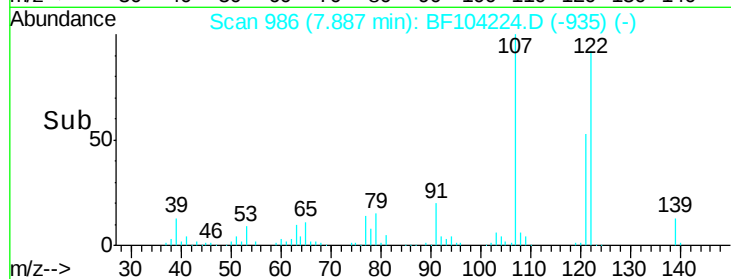
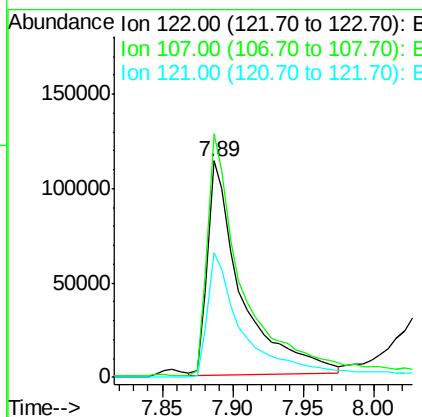
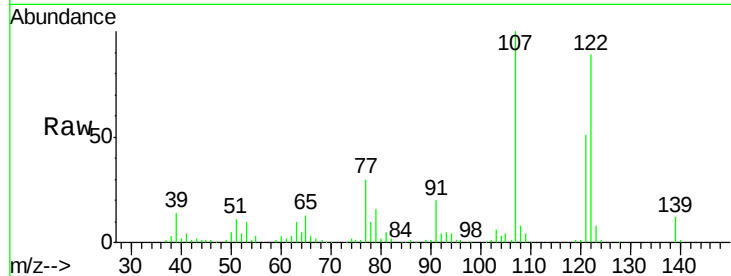




#27
 2,4-Dimethylphenol
 Concen: 37.224 ng
 RT: 7.89 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: BF104224.D
 Acq: 4 Apr 2018 14:44

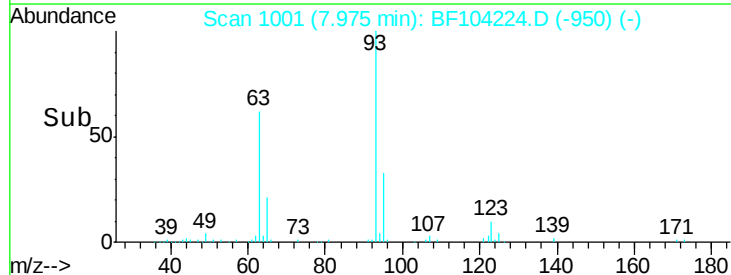
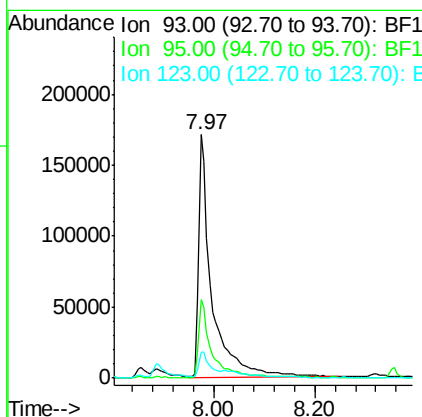
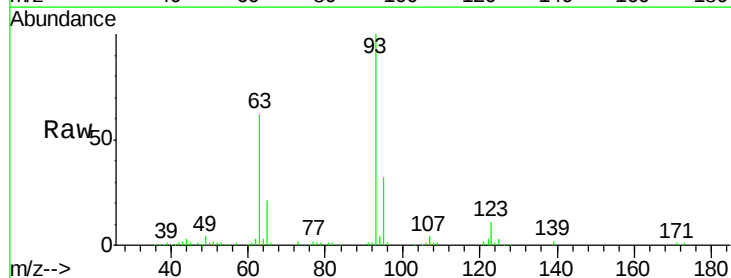
Instrument :
 BNA_F
 ClientSampleId :

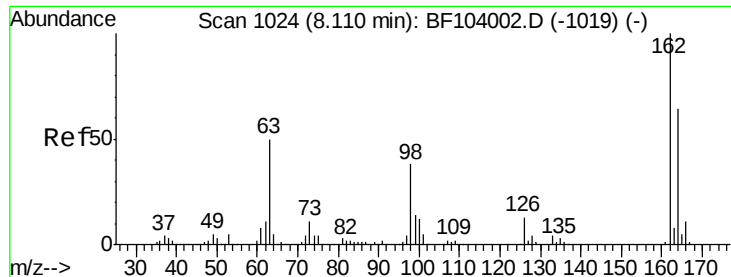
Tot Ion:122 Resp: 192939
 Ion Ratio Lower Upper
 122 100
 107 112.6 91.2 136.8
 121 57.3 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.716 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: BF104224.D
 Acq: 4 Apr 2018 14:44

Tgt Ion: 93 Resp: 307743
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.3 39.5
 123 10.9 9.8 14.6

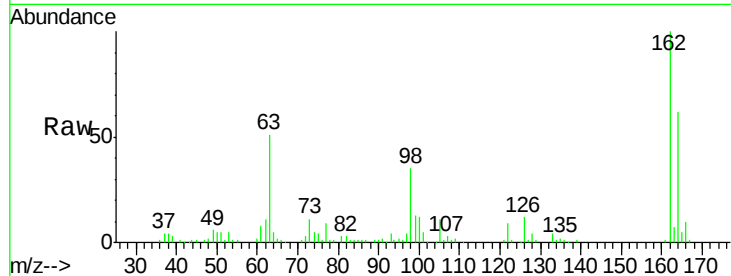




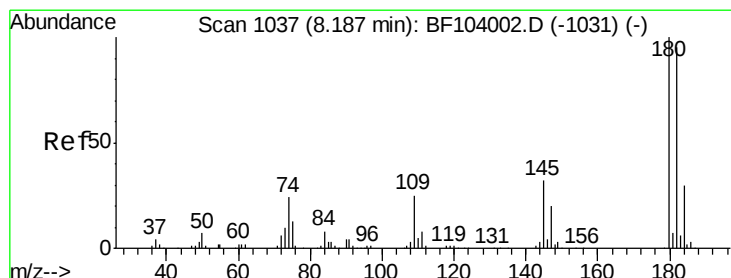
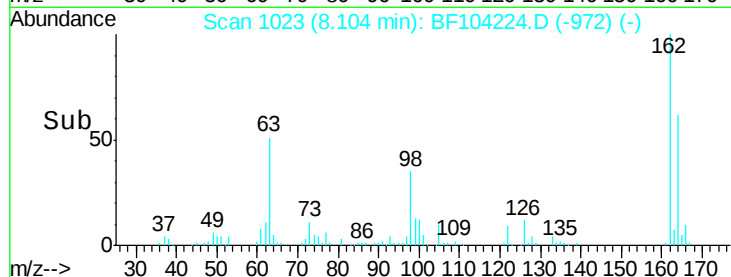
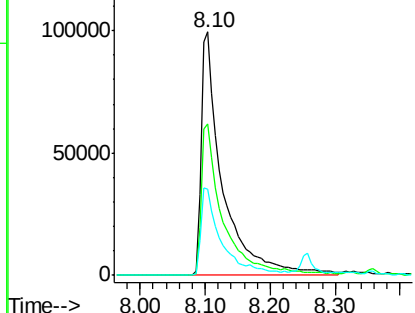
#29
 2,4-Dichlorophenol
 Concen: 41.695 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. 0.00 min
 Lab File: BF104224.D
 Acq: 4 Apr 2018 14:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 225730
 Ion Ratio Lower Upper
 162 100
 164 62.0 42.7 82.7
 98 35.2 18.1 58.1

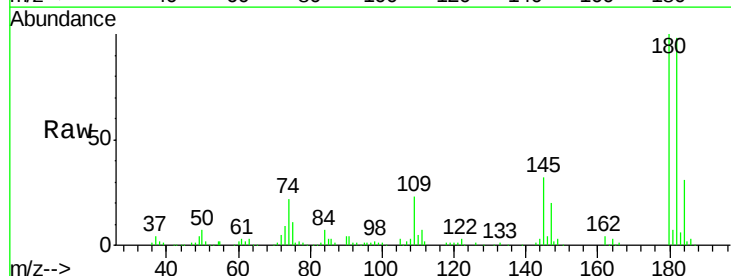


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

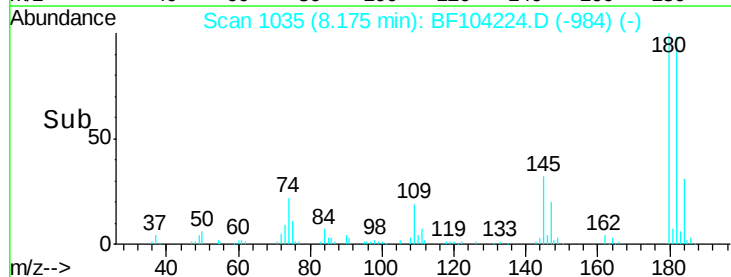
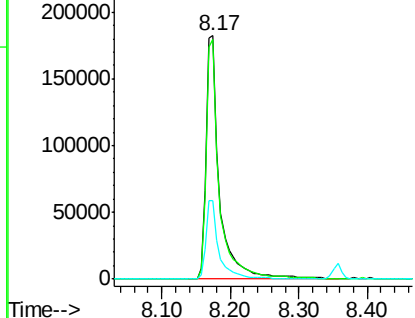


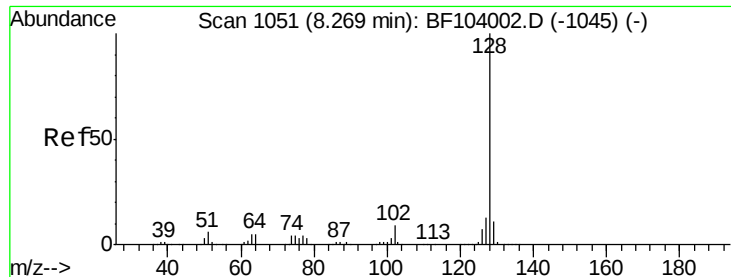
#30
 1,2,4-Trichlorobenzene
 Concen: 41.764 ng
 RT: 8.17 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF104224.D
 Acq: 4 Apr 2018 14:44

Tgt Ion:180 Resp: 256544
 Ion Ratio Lower Upper
 180 100
 182 98.4 76.8 115.2
 145 32.0 26.5 39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.043 ng

RT: 8.26 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF104224.D

Acq: 4 Apr 2018 14:44

Instrument :

BNA_F

ClientSampleId :

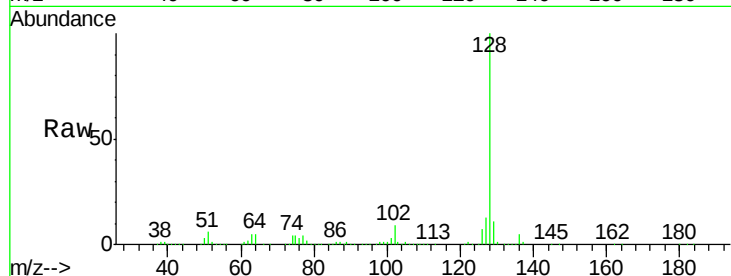
Tot Ion:128 Resp: 782855

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

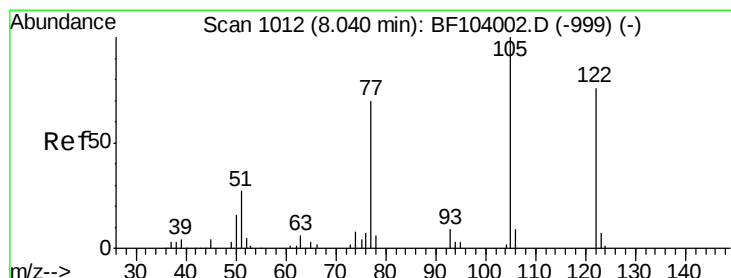
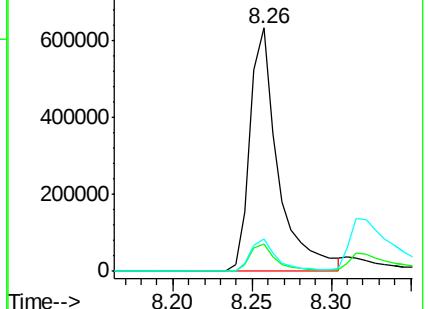
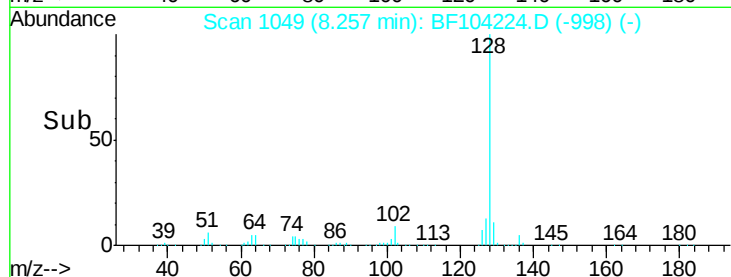
127 13.2 10.9 16.3



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: 41.068 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF104224.D

Acq: 4 Apr 2018 14:44

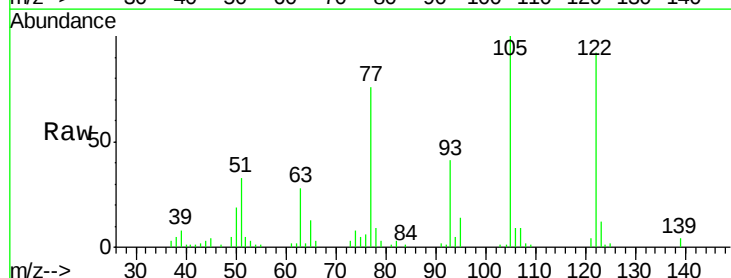
Tgt Ion:122 Resp: 155938

Ion Ratio Lower Upper

122 100

105 108.4 101.1 141.1

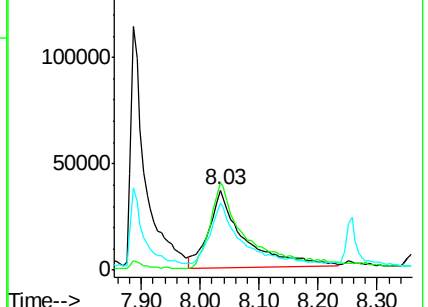
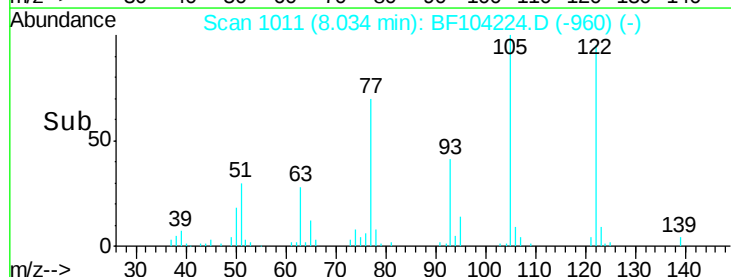
77 82.9 70.7 110.7

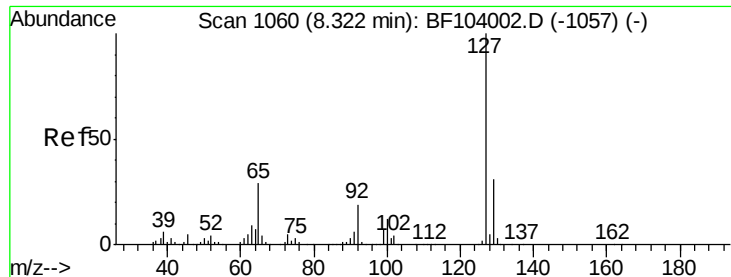


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

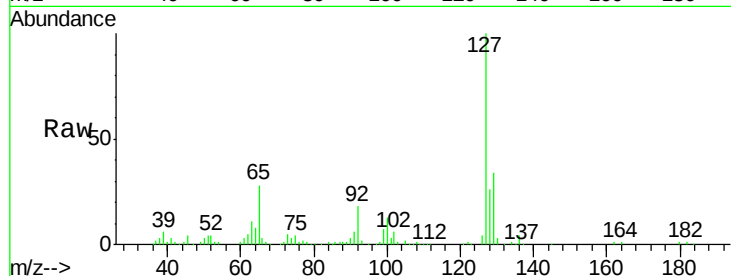




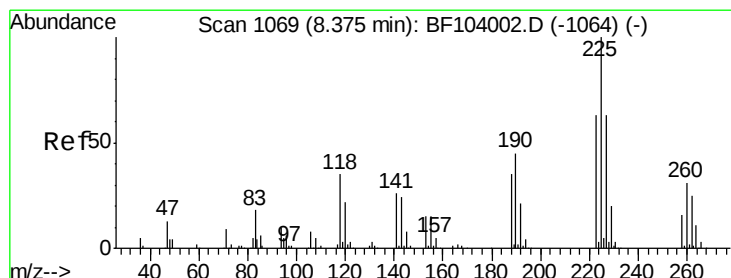
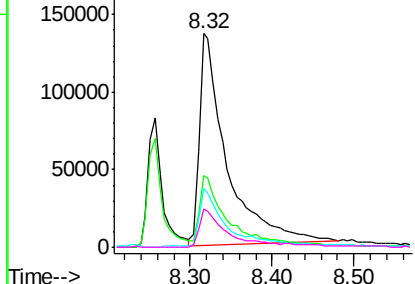
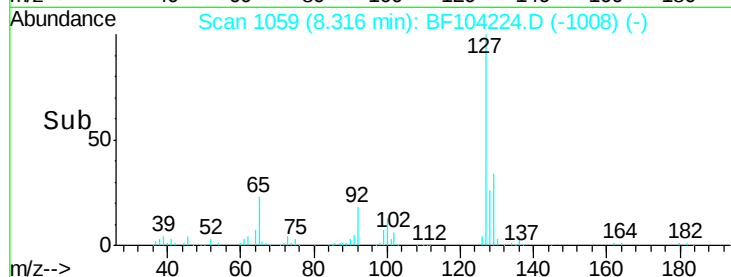
#33
 4-Chloroaniline
 Concen: 38.490 ng
 RT: 8.32 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF104224.D
 Acq: 4 Apr 2018 14:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	317242
Ion	Ratio	Lower	Upper
127	100		
129	33.7	25.9	38.9
65	27.7	25.0	37.4
92	18.2	15.2	22.8

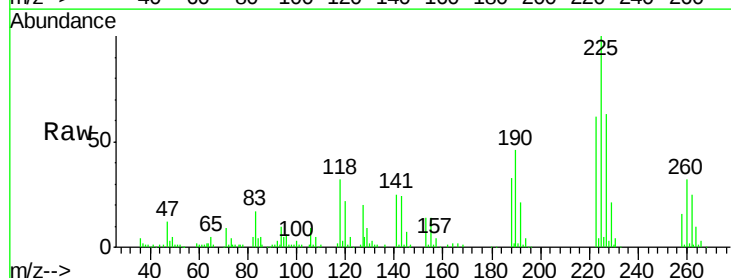


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

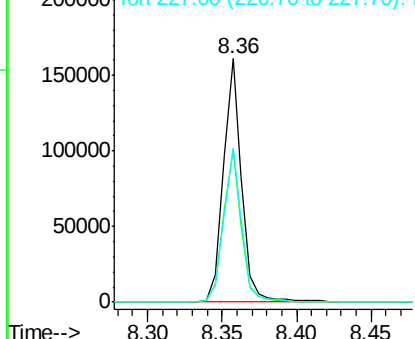
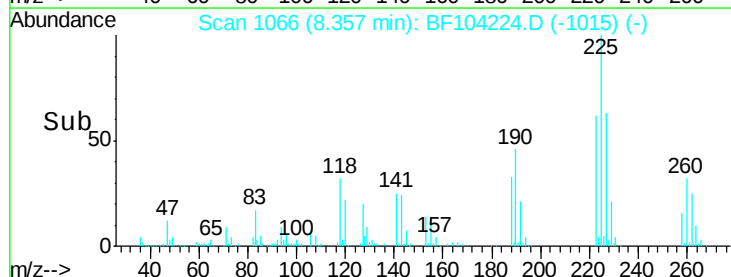


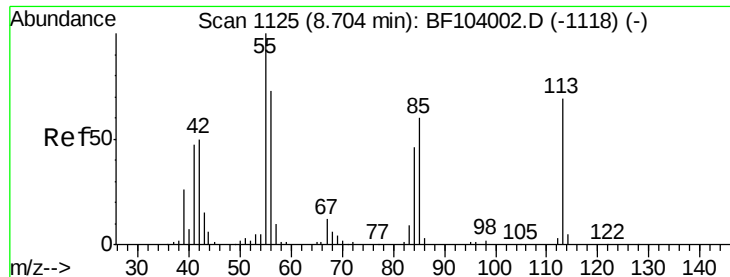
#34
 Hexachlorobutadiene
 Concen: 41.640 ng
 RT: 8.36 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: BF104224.D
 Acq: 4 Apr 2018 14:44

Tgt Ion:	225	Resp:	139190
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.6	76.0
227	63.3	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

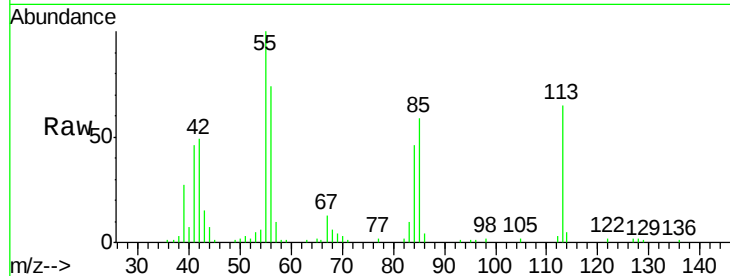




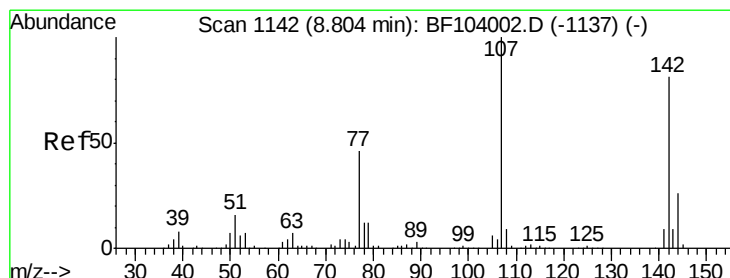
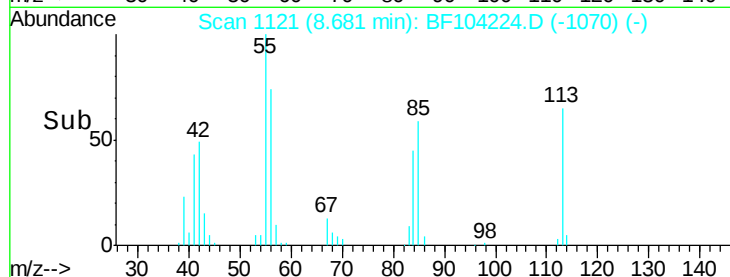
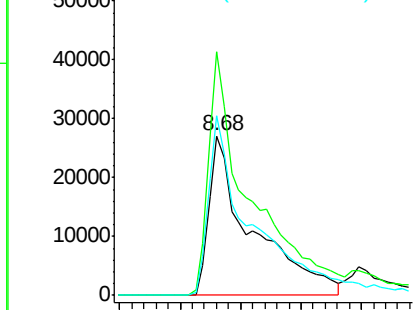
#35
 Caprolactam
 Concen: 38.953 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. 0.00 min
 Lab File: BF104224.D
 Acq: 4 Apr 2018 14:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 66869
 Ion Ratio Lower Upper
 113 100
 55 152.8 163.3 203.3#
 56 113.1 115.7 155.7#

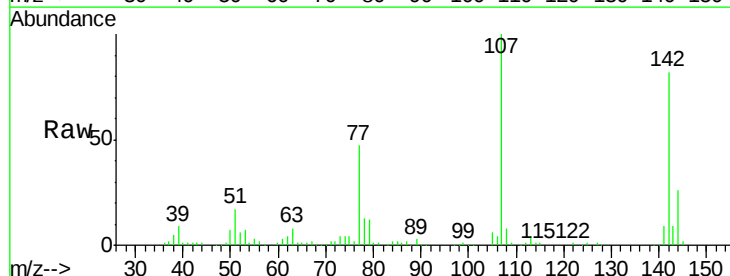


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

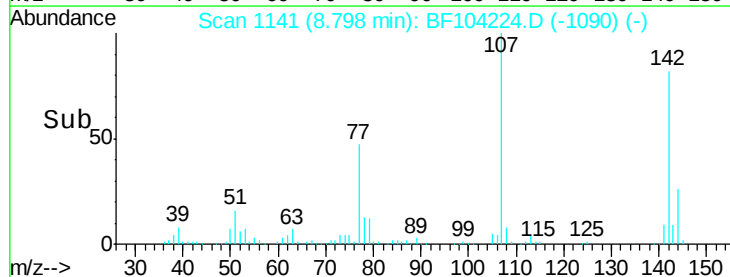
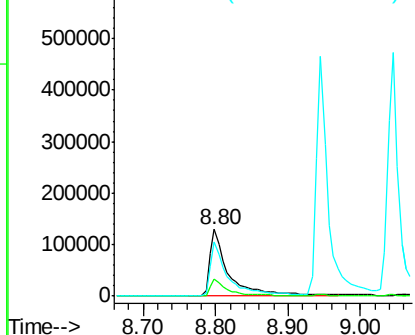


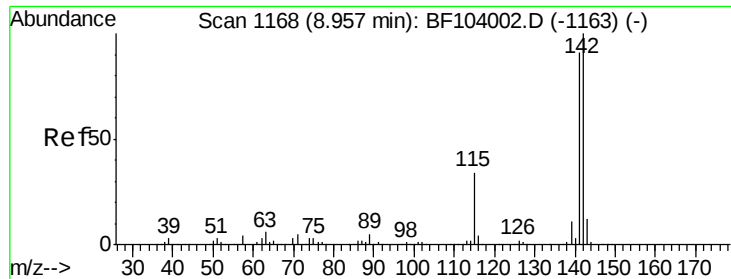
#36
 4-Chloro-3-methylphenol
 Concen: 41.363 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: BF104224.D
 Acq: 4 Apr 2018 14:44

Tgt Ion:107 Resp: 236860
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.5 30.7
 142 81.6 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

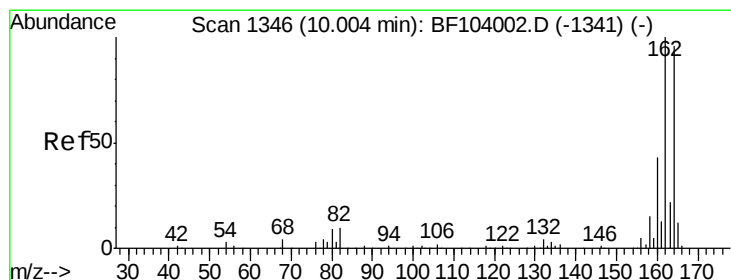
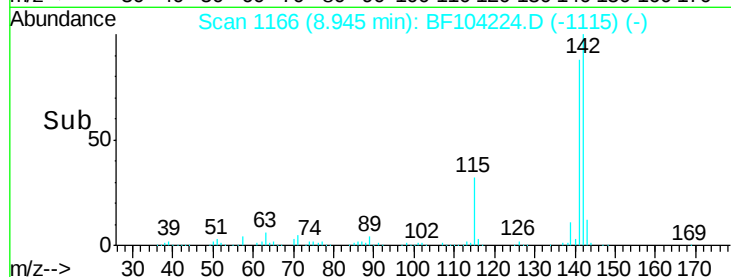
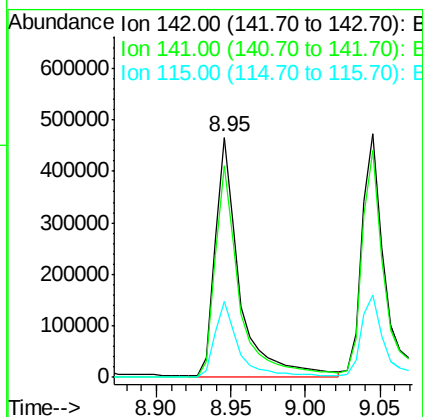
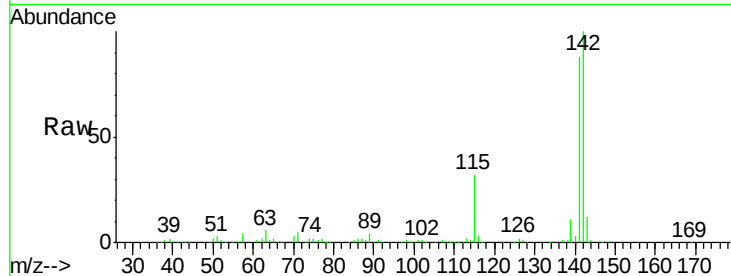




#37
 2-Methylnaphthalene
 Concen: 41.051 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BF104224.D
 Acq: 4 Apr 2018 14:44

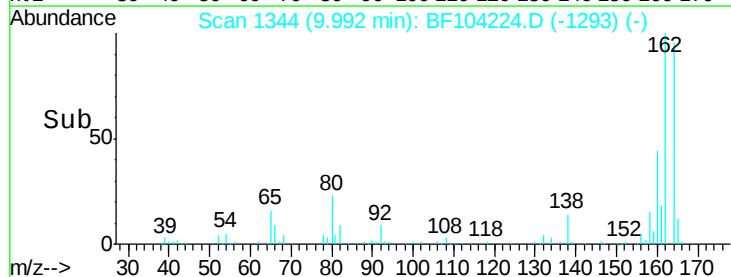
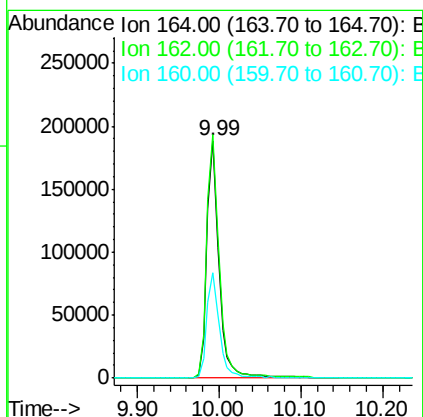
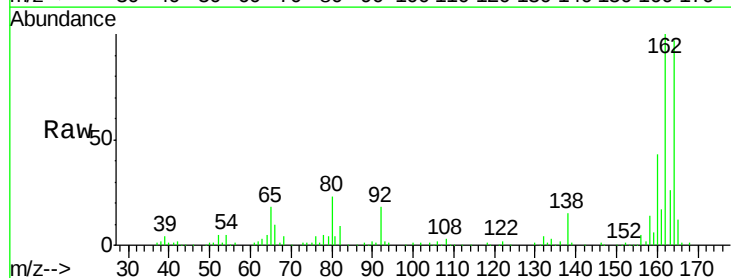
Instrument :
 BNA_F
 ClientSampleId :

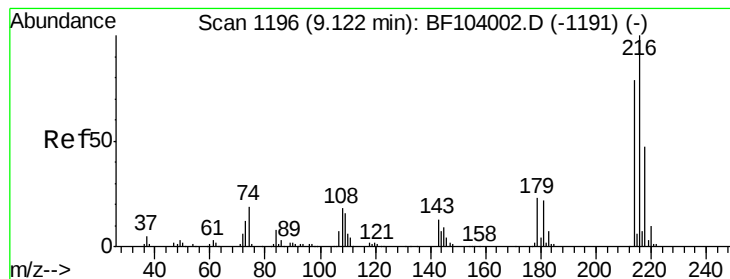
Tot Ion:142 Resp: 528653
 Ion Ratio Lower Upper
 142 100
 141 88.4 70.8 106.2
 115 31.8 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: BF104224.D
 Acq: 4 Apr 2018 14:44

Tgt Ion:164 Resp: 197526
 Ion Ratio Lower Upper
 164 100
 162 102.6 86.1 129.1
 160 44.5 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.969 ng

RT: 9.11 min Scan# 1194

Delta R.T. 0.00 min

Lab File: BF104224.D

Acq: 4 Apr 2018 14:44

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 242103

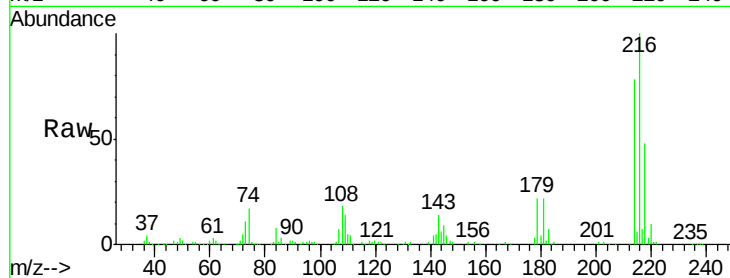
Ion Ratio Lower Upper

216 100

214 80.3 63.0 94.4

179 22.4 18.1 27.1

108 18.8 17.2 25.8

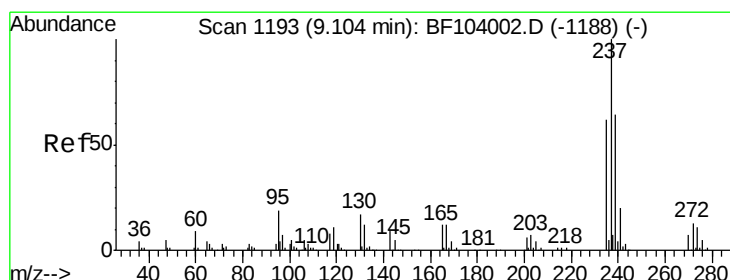
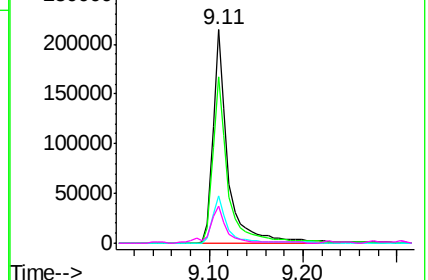
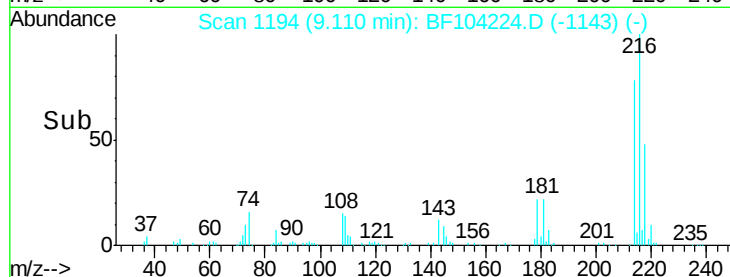


Abundance Ion 216.00 (215.70 to 216.70): E

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: 39.809 ng

RT: 9.09 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BF104224.D

Acq: 4 Apr 2018 14:44

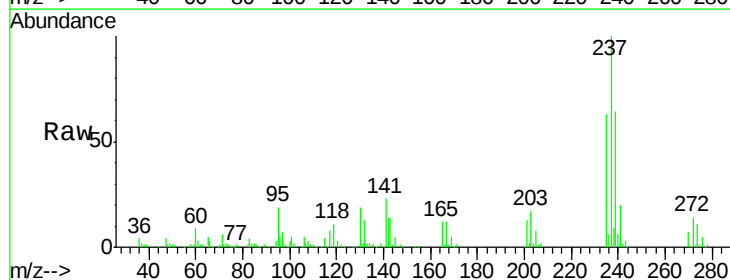
Tgt Ion:237 Resp: 105228

Ion Ratio Lower Upper

237 100

235 62.8 44.8 84.8

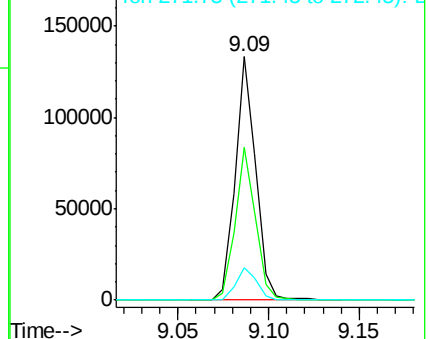
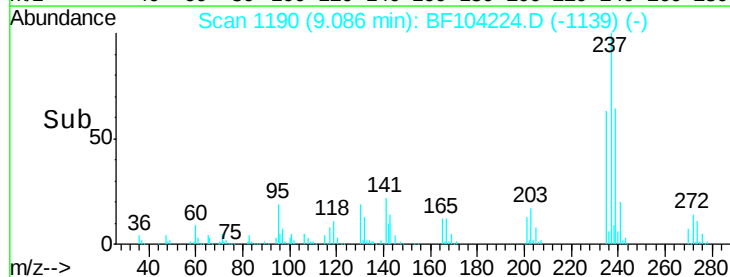
272 13.5 0.0 33.3

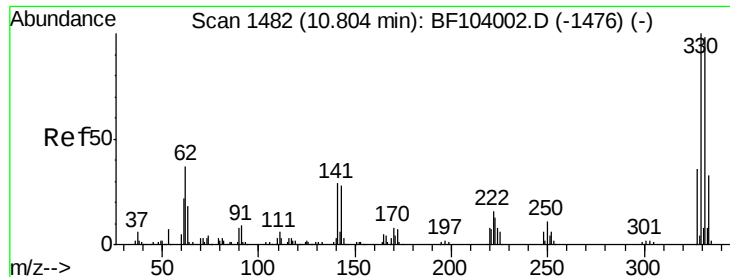


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

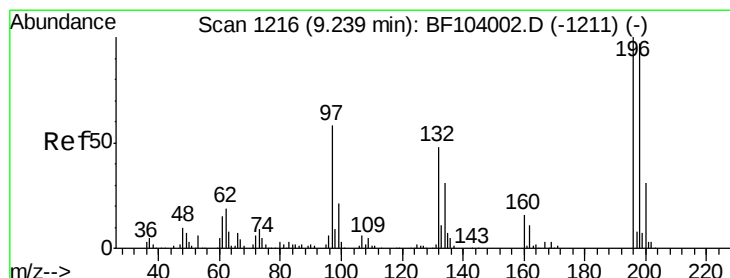
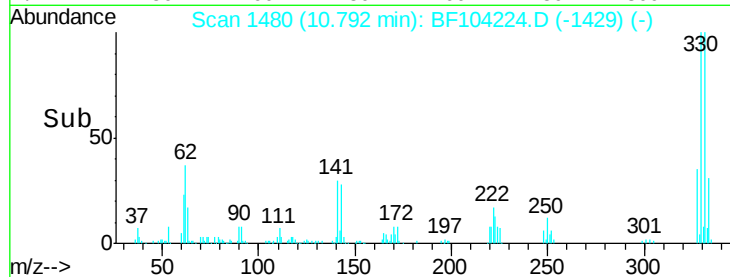
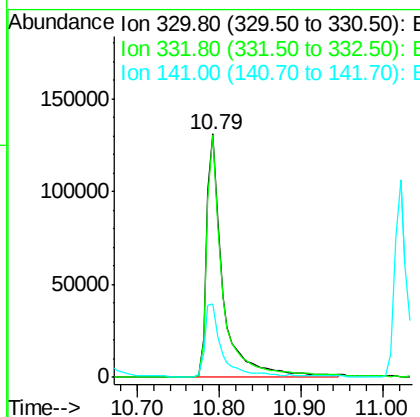
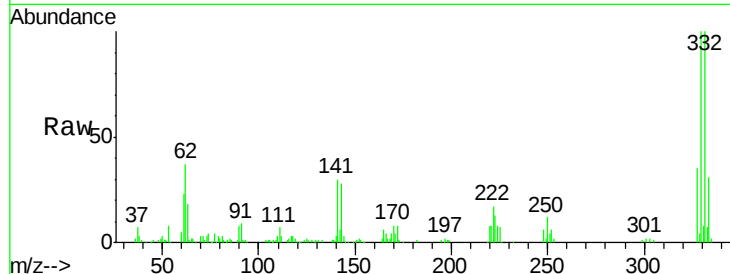




#41
 2,4,6-Tribromophenol
 Concen: 83.392 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF104224.D
 Acq: 4 Apr 2018 14:44

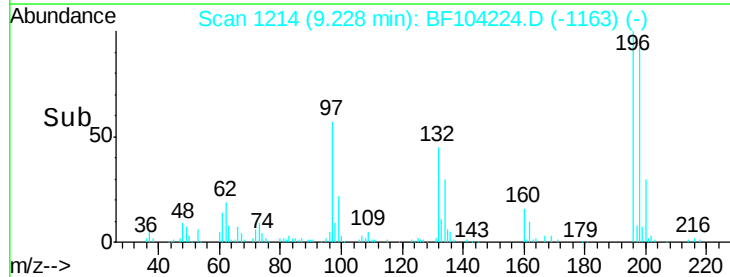
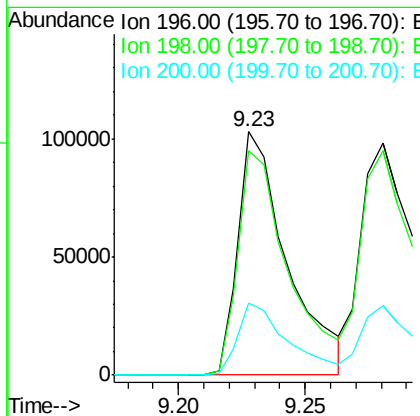
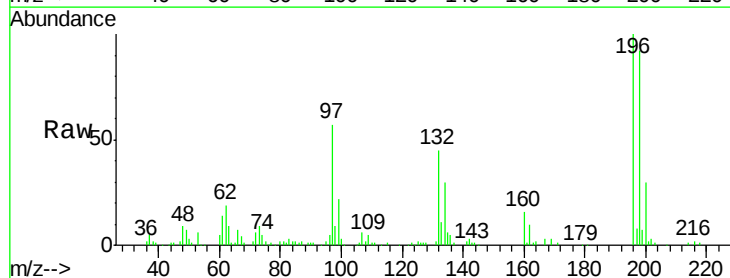
Instrument :
 BNA_F
 ClientSampleId :

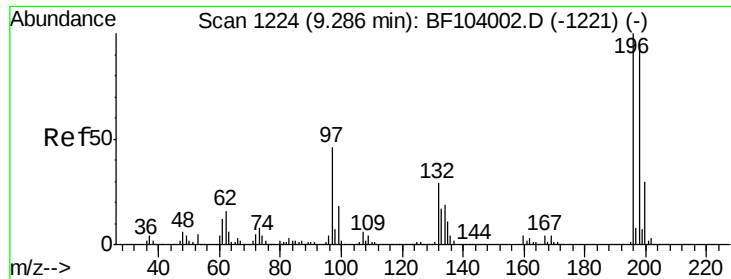
Tot Ion	330	332	141
Resp:	183416		
Ion Ratio	100	99.4	31.3
Lower		77.0	29.9
Upper		115.6	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 36.336 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF104224.D
 Acq: 4 Apr 2018 14:44

Tgt Ion	196	198	200
Resp:	139366		
Ion Ratio	100	92.1	29.5
Lower		75.7	24.5
Upper		113.5	36.7

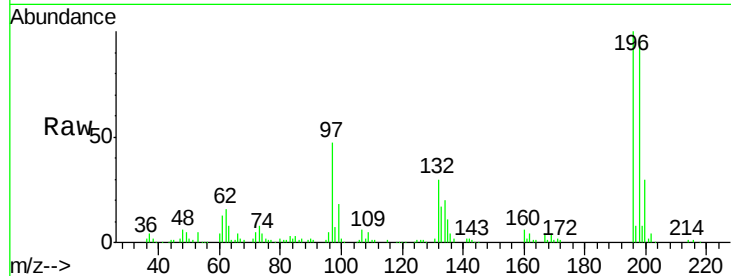




#43
 2,4,5-Trichlorophenol
 Concen: 40.700 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.00 min
 Lab File: BF104224.D
 Acq: 4 Apr 2018 14:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.7	74.6	112.0
97	46.7	42.9	64.3
132	30.1	26.3	39.5



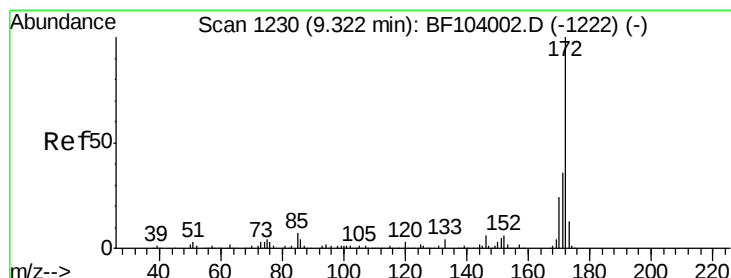
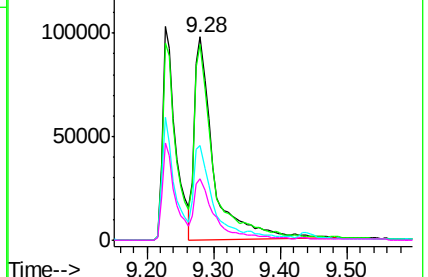
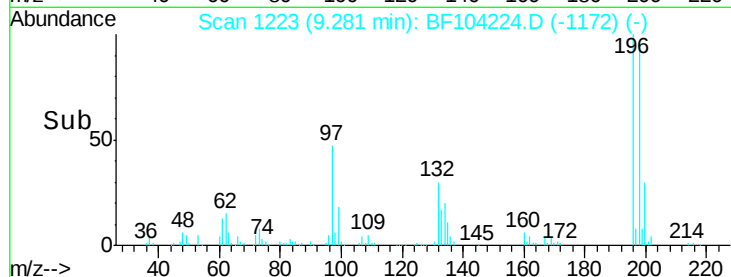
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

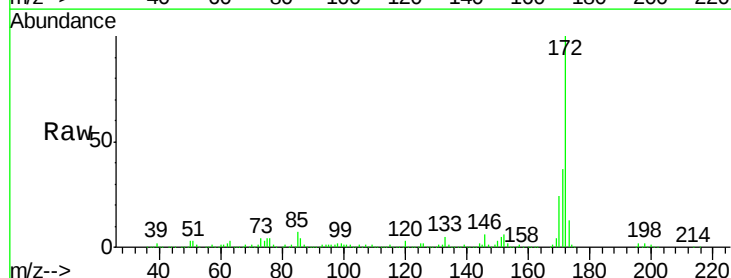
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.586 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: BF104224.D
 Acq: 4 Apr 2018 14:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	23.9	19.6	29.4

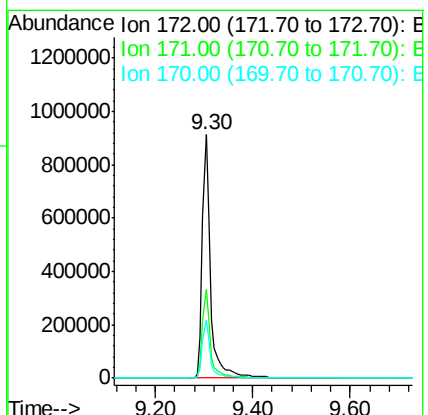
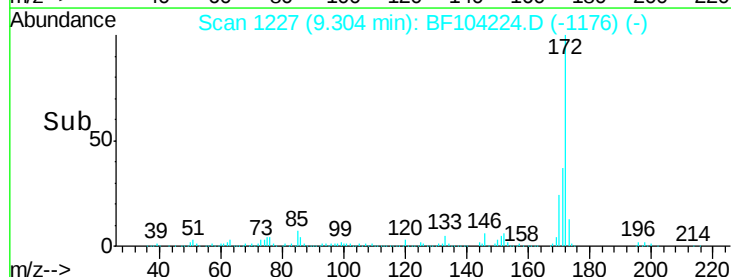


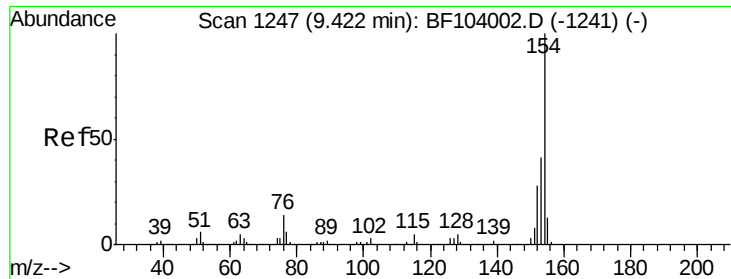
Abundance

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

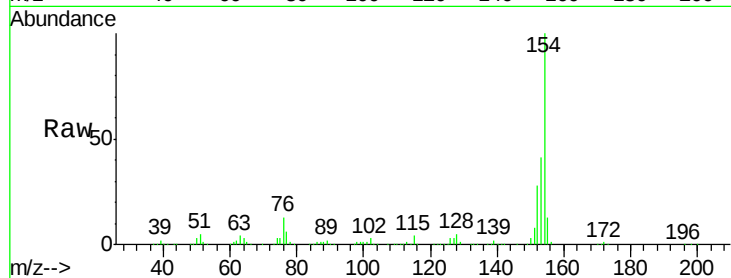




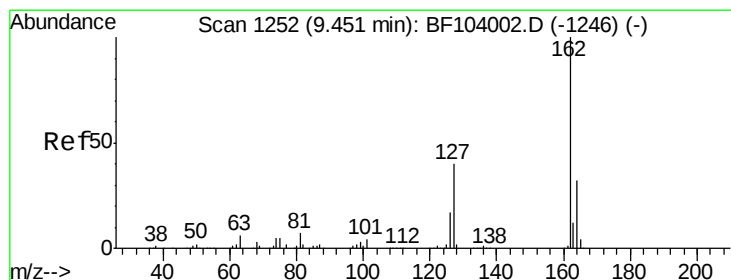
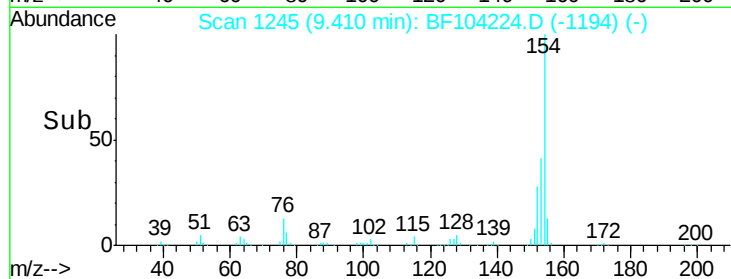
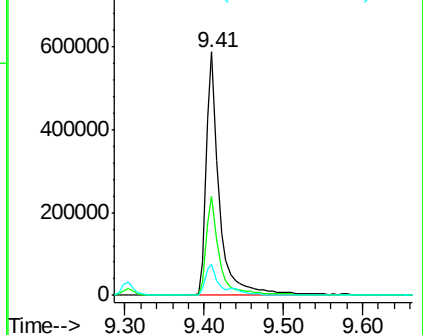
#45
 1,1'-Biphenyl
 Concen: 40.641 ng
 RT: 9.41 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: BF104224.D
 Acq: 4 Apr 2018 14:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 688996
 Ion Ratio Lower Upper
 154 100
 153 40.8 21.3 61.3
 76 12.7 0.0 34.0

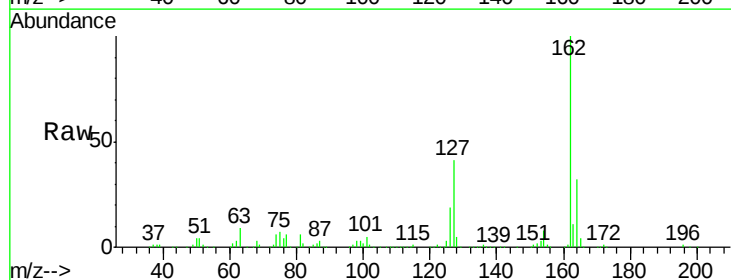


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

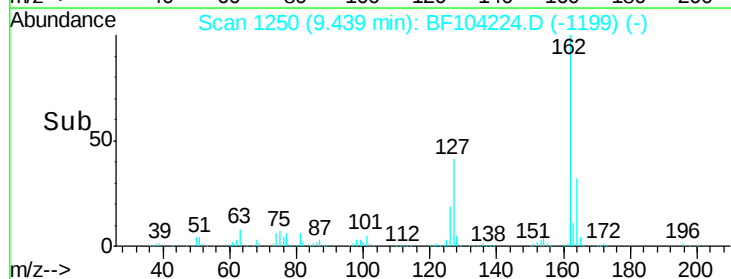
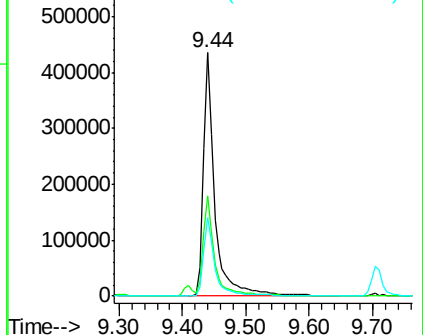


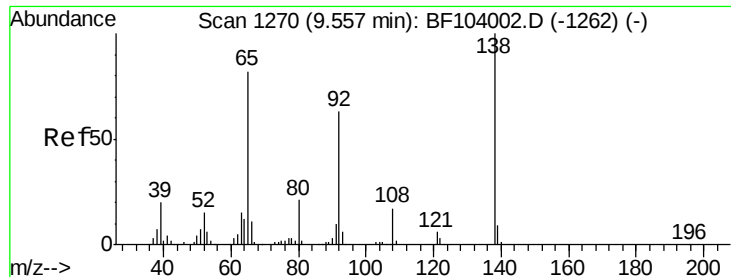
#46
 2-Chloronaphthalene
 Concen: 40.843 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BF104224.D
 Acq: 4 Apr 2018 14:44

Tgt Ion:162 Resp: 546178
 Ion Ratio Lower Upper
 162 100
 127 41.0 33.9 50.9
 164 32.2 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

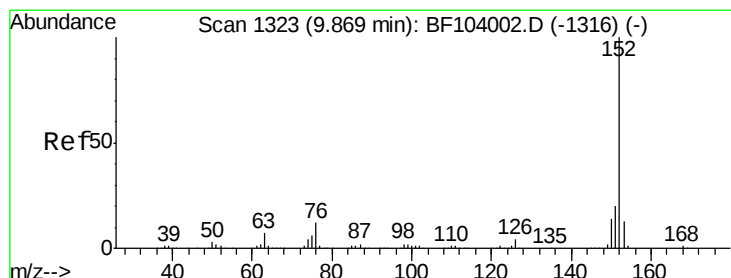
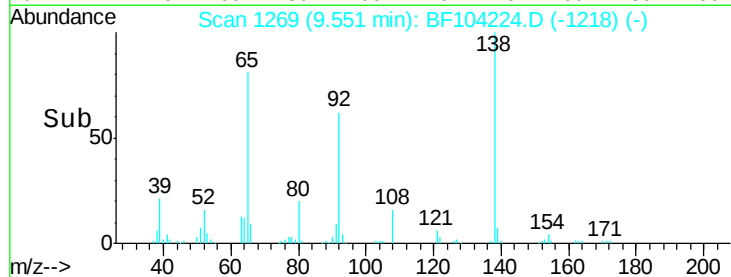
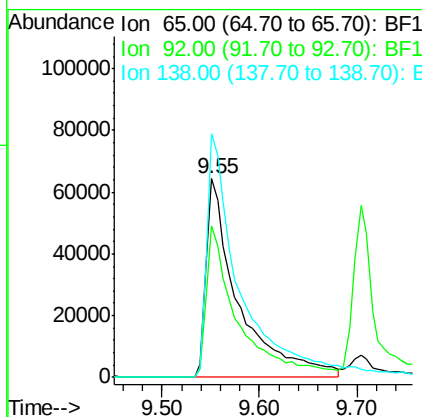
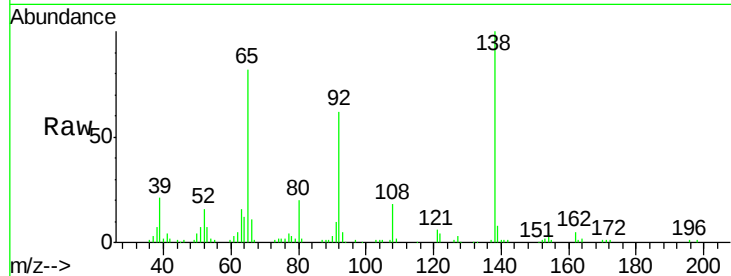




#47
 2-Nitroaniline
 Concen: 38.821 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: BF104224.D
 Acq: 4 Apr 2018 14:44

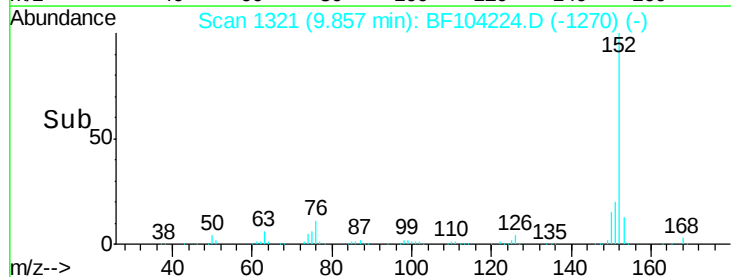
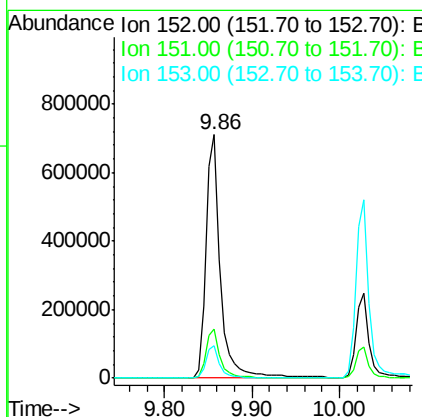
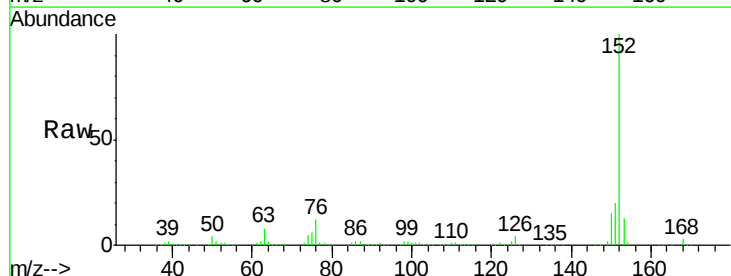
Instrument :
 BNA_F
 ClientSampled :

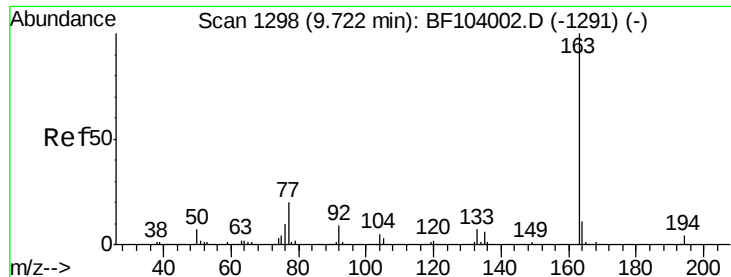
Tot Ion: 65 Resp: 148032
 Ion Ratio Lower Upper
 65 100
 92 76.2 55.8 83.6
 138 122.5 91.2 136.8



#48
 Acenaphthylene
 Concen: 40.244 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: BF104224.D
 Acq: 4 Apr 2018 14:44

Tgt Ion: 152 Resp: 815312
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.3 24.5
 153 13.1 10.7 16.1

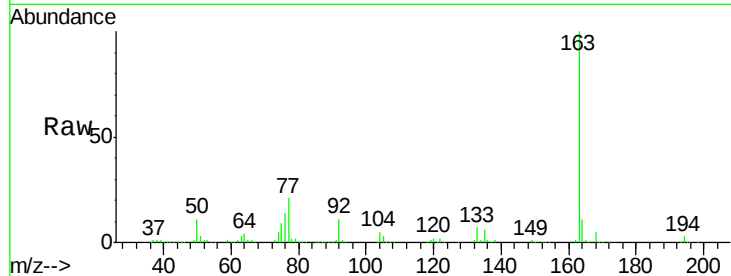




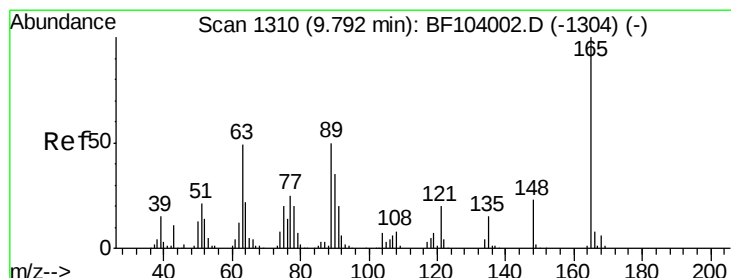
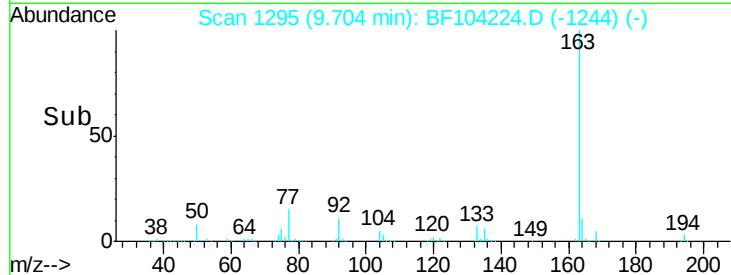
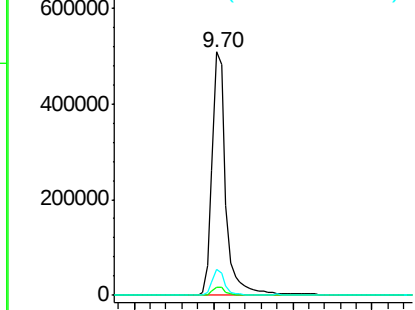
#49
Dimethylphthalate
Concen: 39.780 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF104224.D
Acq: 4 Apr 2018 14:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 620388
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.5 8.2 12.2

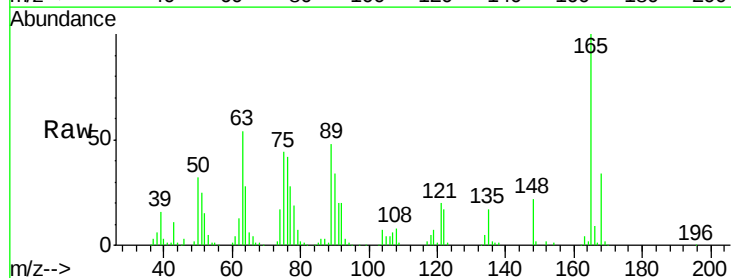


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

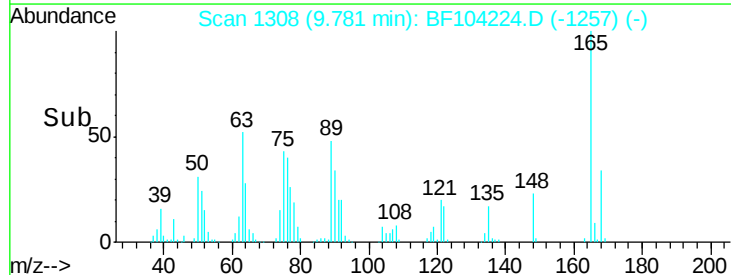
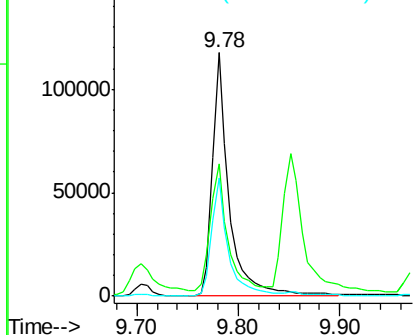


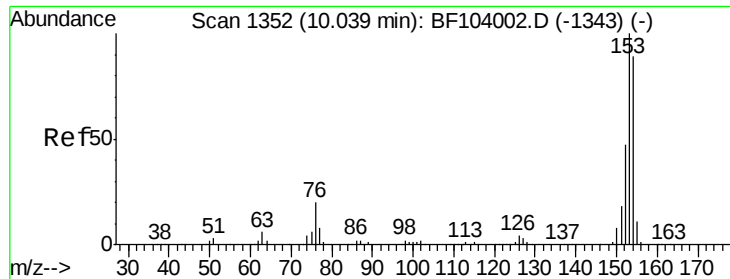
#50
2,6-Dinitrotoluene
Concen: 40.543 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BF104224.D
Acq: 4 Apr 2018 14:44

Tgt Ion:165 Resp: 136031
Ion Ratio Lower Upper
165 100
63 54.1 44.7 67.1
89 48.3 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: 39.699 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.00 min

Lab File: BF104224.D

Acq: 4 Apr 2018 14:44

Instrument :

BNA_F

ClientSampleId :

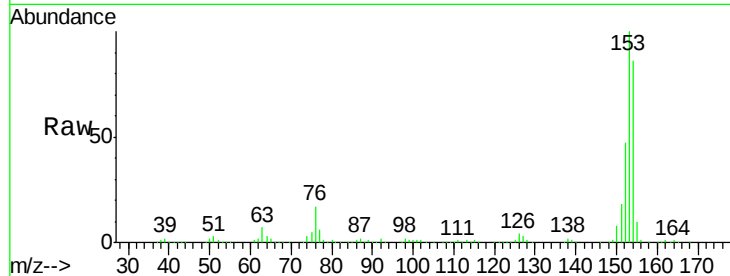
Tot Ion:154 Resp: 465266

Ion Ratio Lower Upper

154 100

153 115.7 91.2 136.8

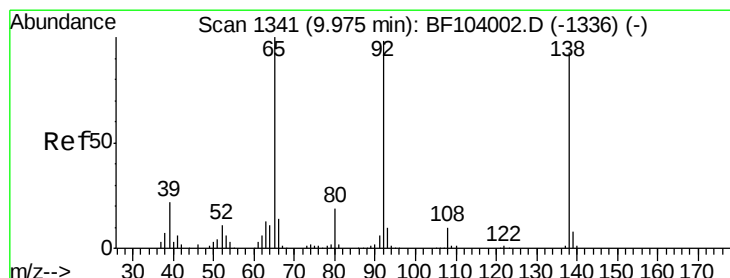
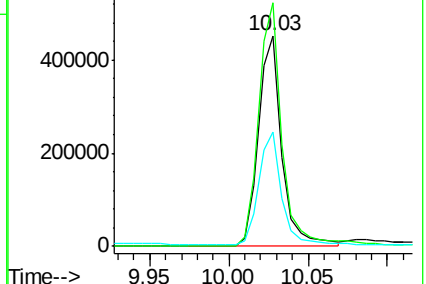
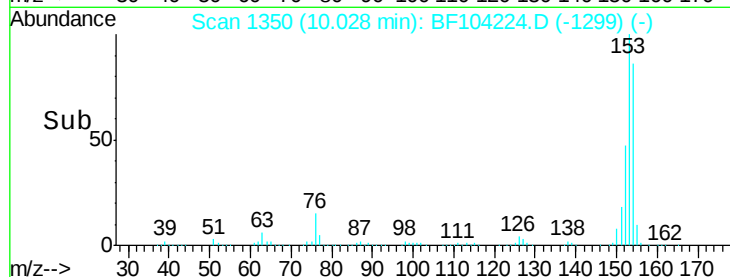
152 54.6 43.8 65.8



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: 42.426 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF104224.D

Acq: 4 Apr 2018 14:44

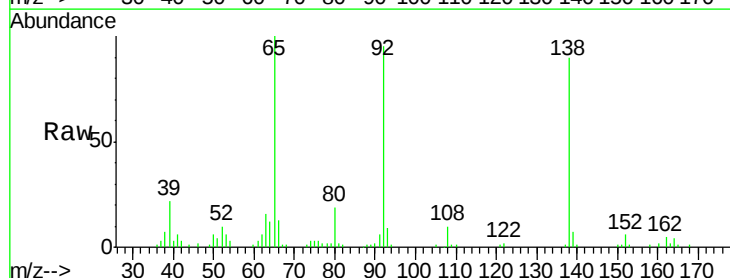
Tgt Ion:138 Resp: 163634

Ion Ratio Lower Upper

138 100

108 11.3 9.4 14.0

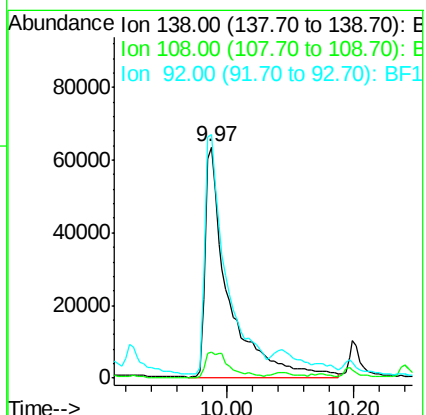
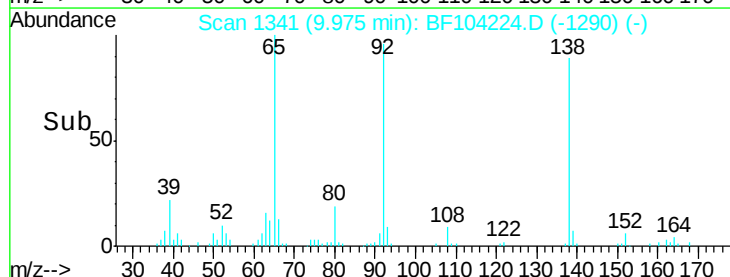
92 105.3 89.4 134.2

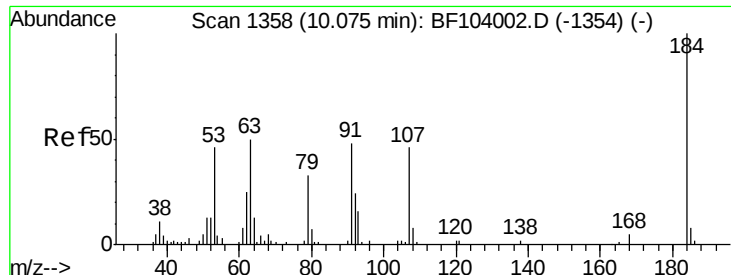


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

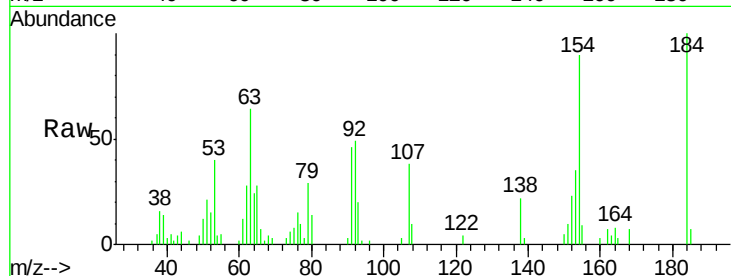




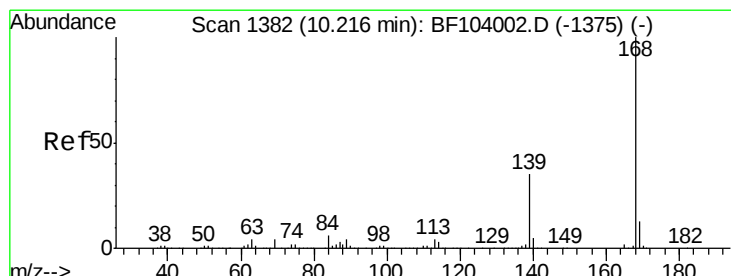
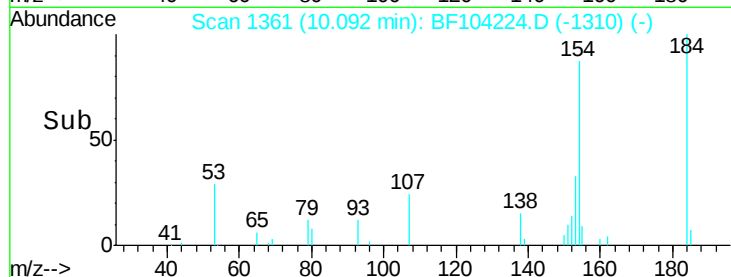
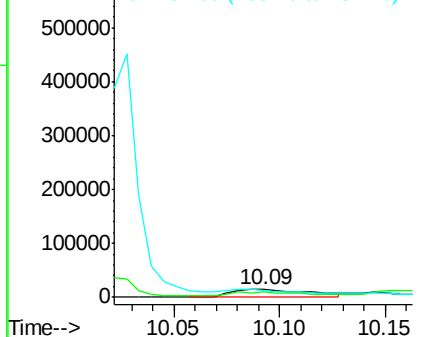
#53
 2,4-Dinitrophenol
 Concen: 29.554 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. 0.00 min
 Lab File: BF104224.D
 Acq: 4 Apr 2018 14:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 37757
 Ion Ratio Lower Upper
 184 100
 63 63.9 54.2 81.2
 154 90.4 184.0 276.0#

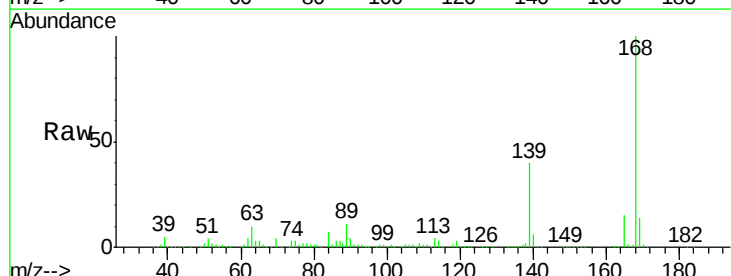


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

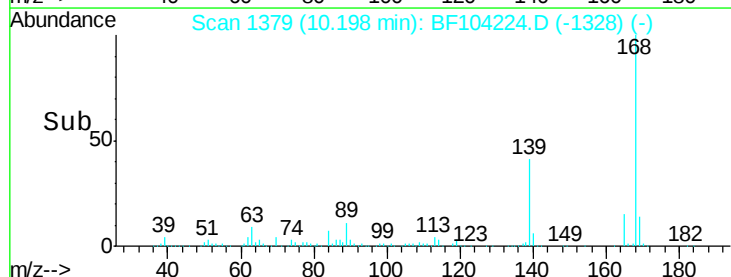
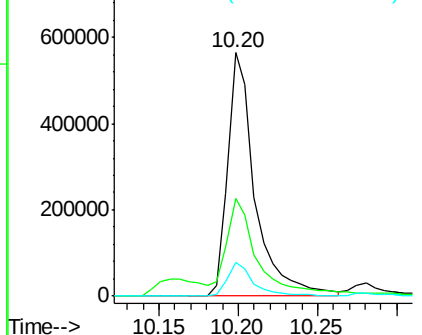


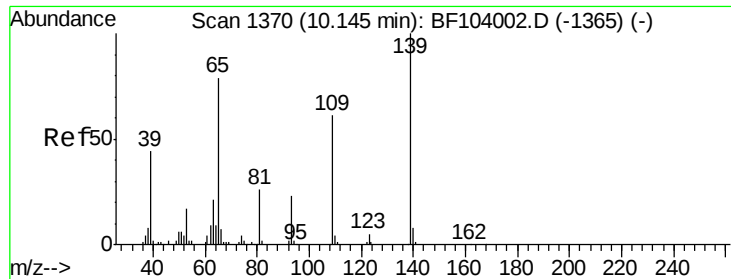
#54
 Dibenzofuran
 Concen: 39.422 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. 0.00 min
 Lab File: BF104224.D
 Acq: 4 Apr 2018 14:44

Tgt Ion:168 Resp: 674682
 Ion Ratio Lower Upper
 168 100
 139 40.3 30.1 45.1
 169 13.7 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

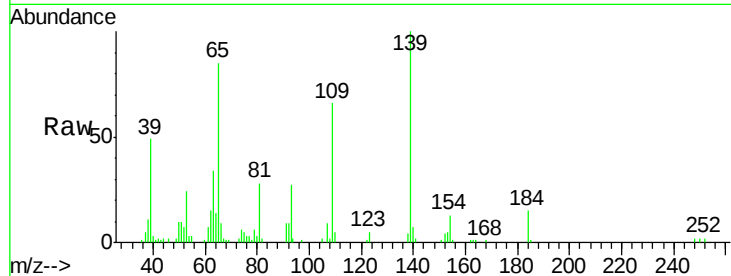




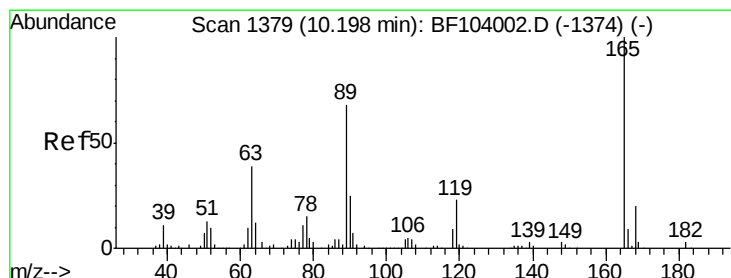
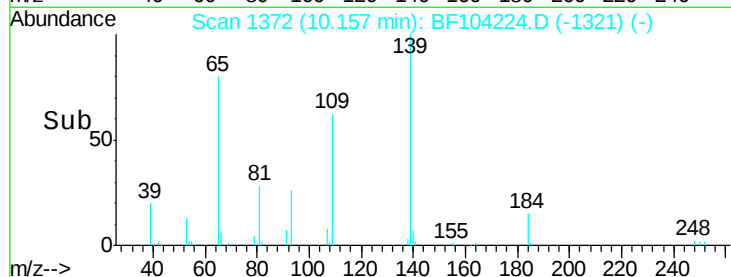
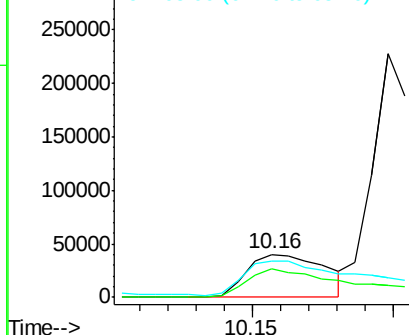
#55
4-Nitrophenol
Concen: 33.028 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BF104224.D
Acq: 4 Apr 2018 14:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 76381
Ion Ratio Lower Upper
139 100
109 65.6 48.4 88.4
65 84.9 72.6 112.6

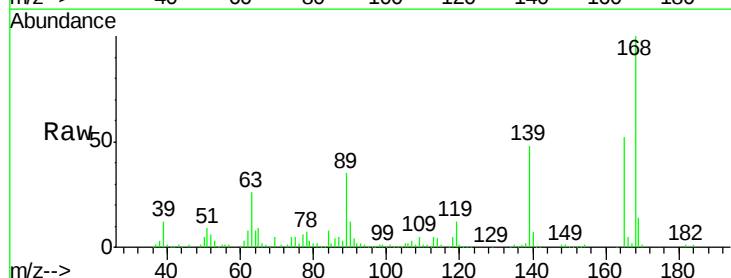


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

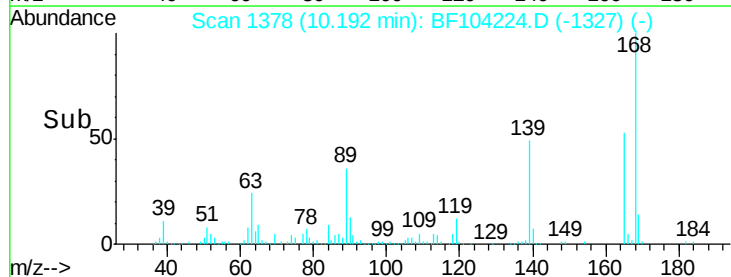
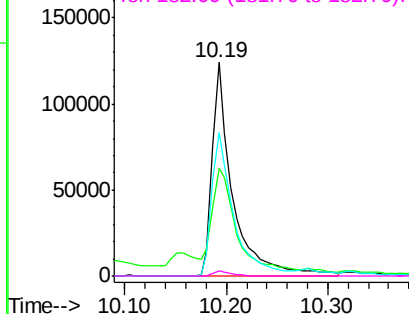


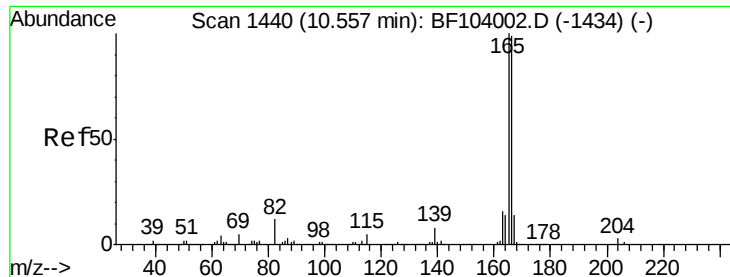
#56
2,4-Dinitrotoluene
Concen: 40.932 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF104224.D
Acq: 4 Apr 2018 14:44

Tgt Ion:165 Resp: 175243
Ion Ratio Lower Upper
165 100
63 50.6 36.4 54.6
89 67.2 57.8 86.6
182 2.3 1.6 2.4



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

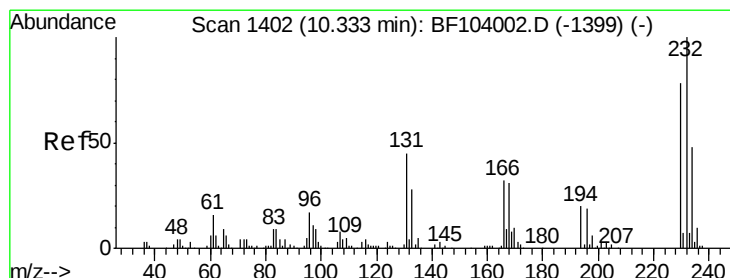
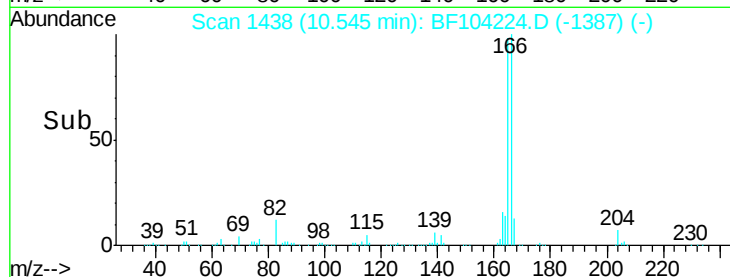
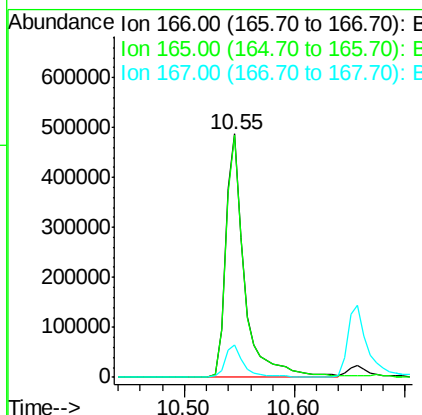
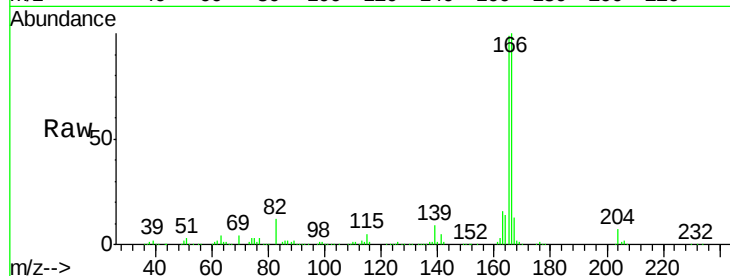




#57
 Fluorene
 Concen: 40.826 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF104224.D
 Acq: 4 Apr 2018 14:44

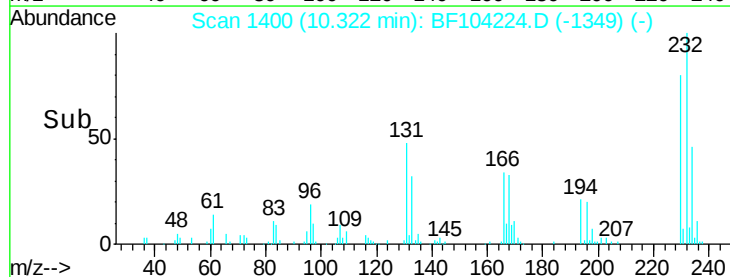
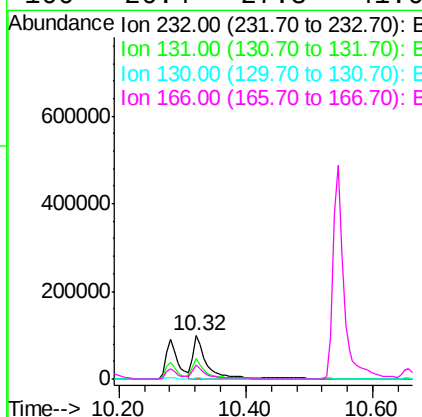
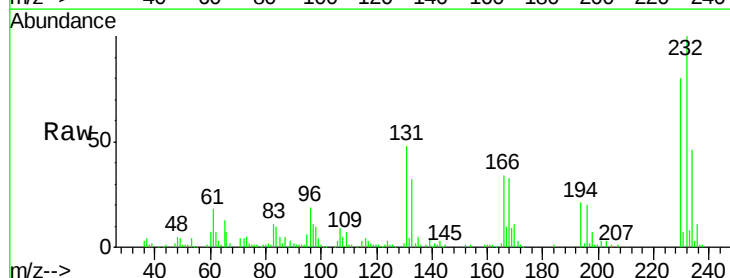
Instrument :
 BNA_F
 ClientSampleId :

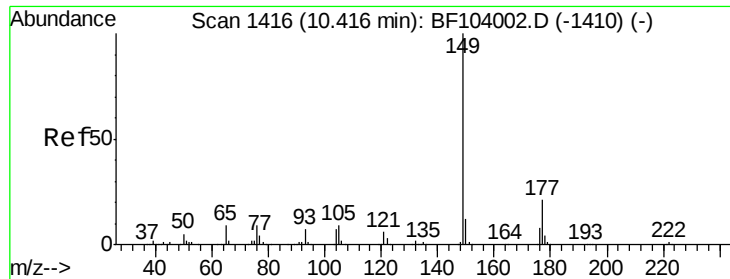
Tot Ion:166 Resp: 576363
 Ion Ratio Lower Upper
 166 100
 165 99.5 79.8 119.8
 167 13.4 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.065 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF104224.D
 Acq: 4 Apr 2018 14:44

Tgt Ion:232 Resp: 149421
 Ion Ratio Lower Upper
 232 100
 131 42.0 43.8 65.8#
 130 2.2 2.1 3.1
 166 26.4 27.8 41.6#

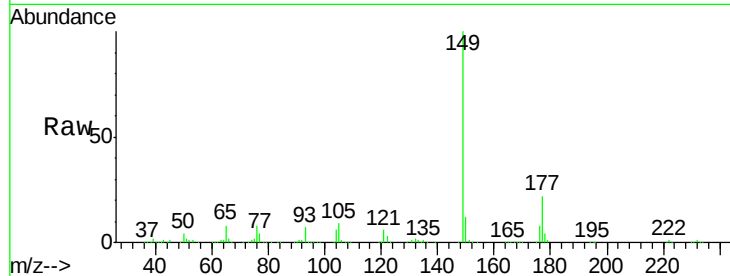




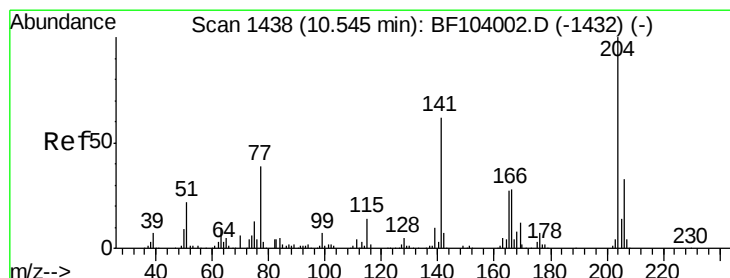
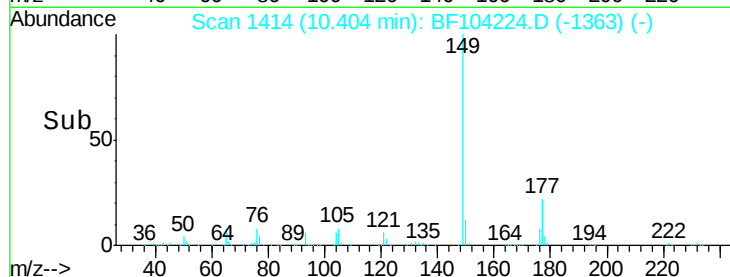
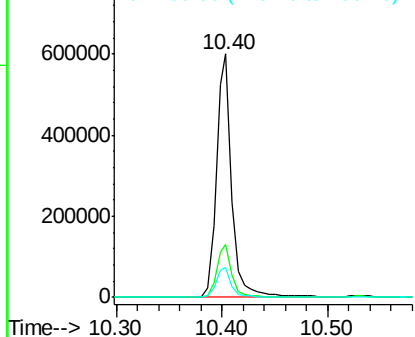
#59
Diethylphthalate
Concen: 41.354 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF104224.D
Acq: 4 Apr 2018 14:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 617842
Ion Ratio Lower Upper
149 100
177 21.7 16.1 24.1
150 12.3 10.1 15.1

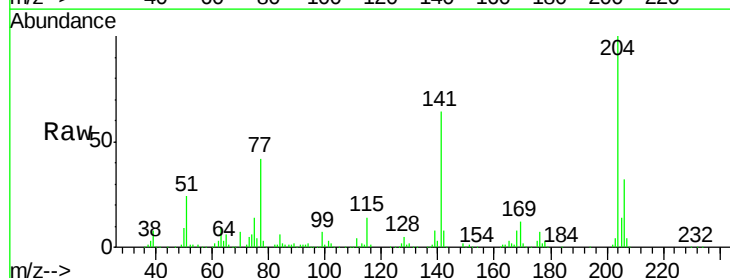


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

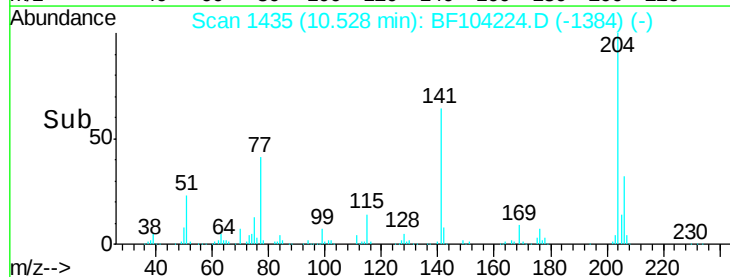
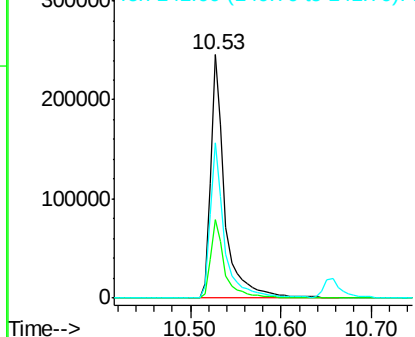


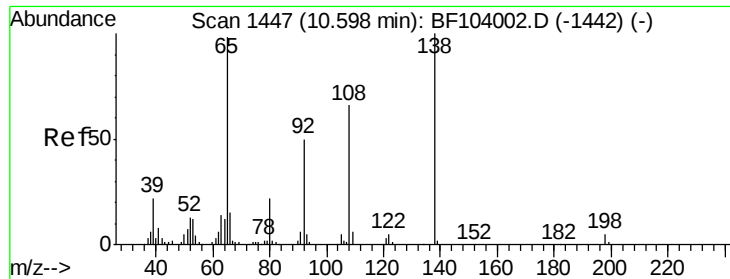
#60
4-Chlorophenyl-phenylether
Concen: 41.963 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF104224.D
Acq: 4 Apr 2018 14:44

Tgt Ion:204 Resp: 272093
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 63.8 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

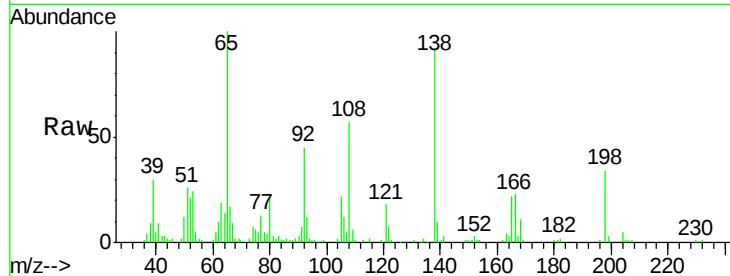




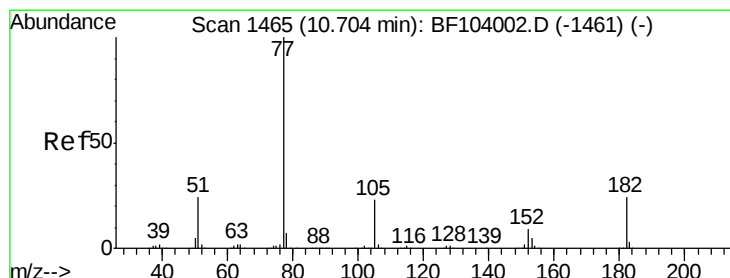
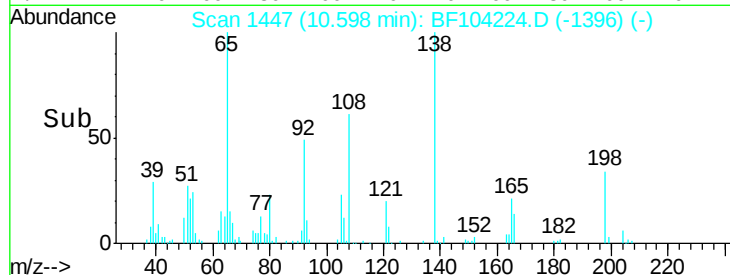
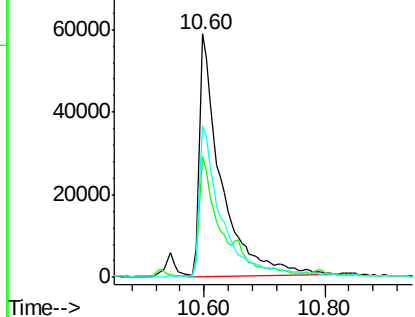
#61
4-Nitroaniline
Concen: 40.708 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BF104224.D
Acq: 4 Apr 2018 14:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 146913
Ion Ratio Lower Upper
138 100
92 49.7 30.2 70.2
108 62.2 52.5 92.5

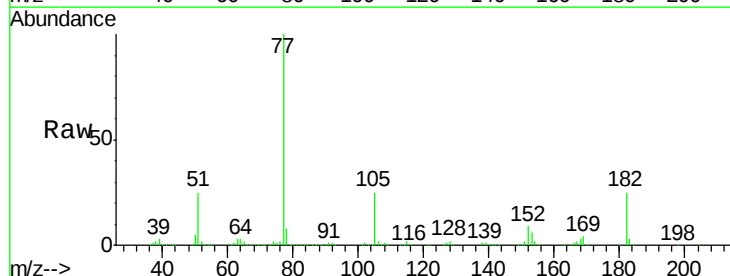


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

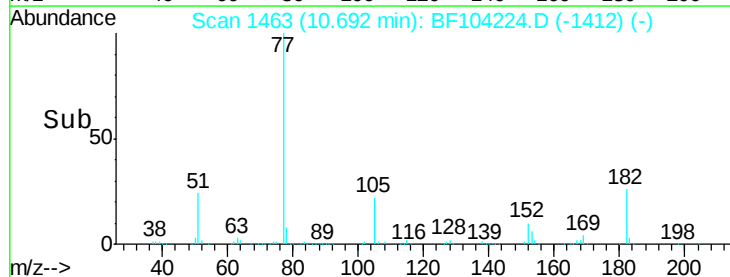
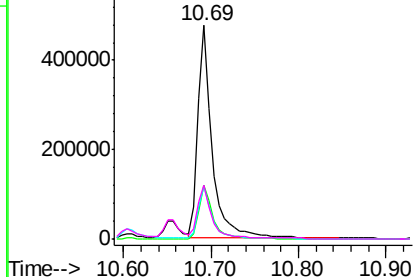


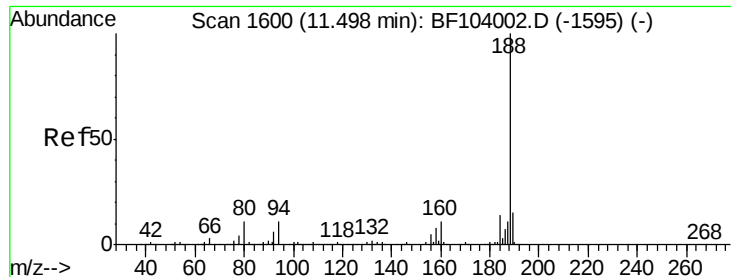
#62
Azobenzene
Concen: 40.329 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.00 min
Lab File: BF104224.D
Acq: 4 Apr 2018 14:44

Tgt Ion: 77 Resp: 544818
Ion Ratio Lower Upper
77 100
182 25.3 1.7 41.7
105 24.8 3.0 43.0
51 24.9 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

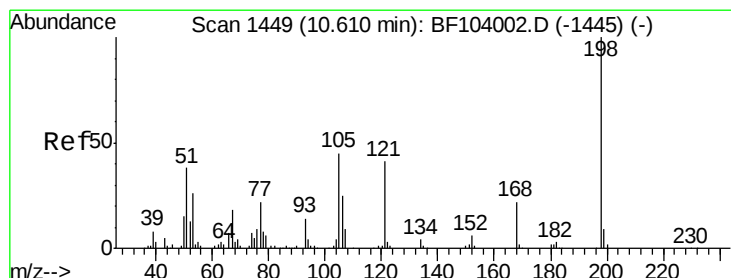
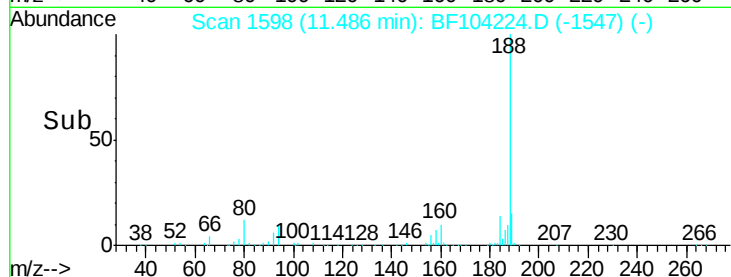
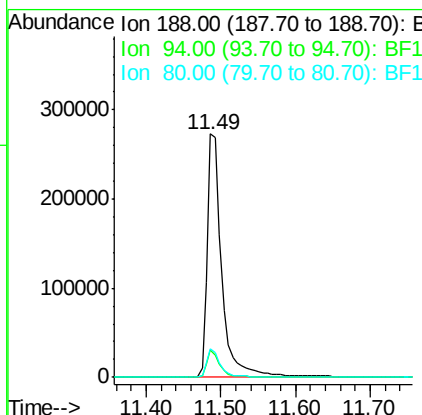
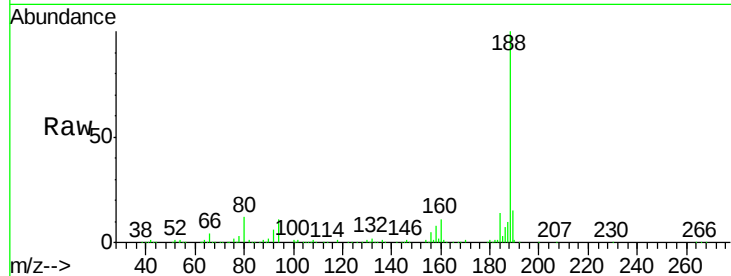




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF104224.D
Acq: 4 Apr 2018 14:44

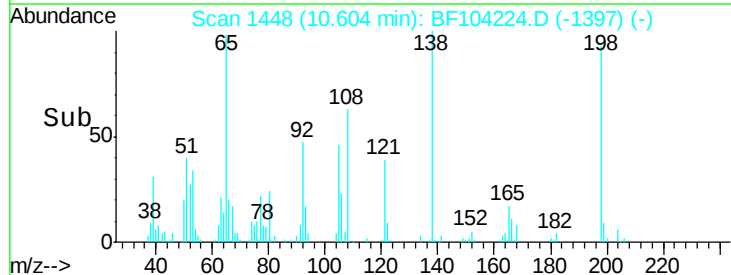
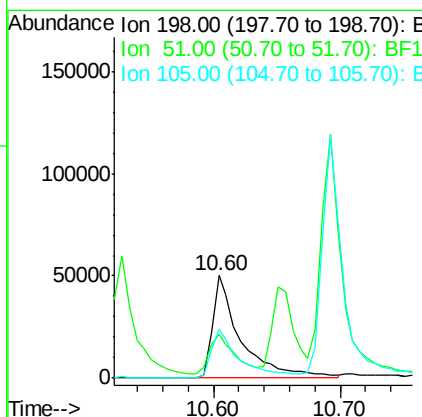
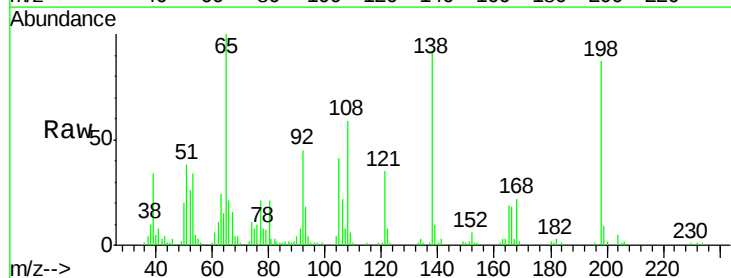
Instrument :
BNA_F
ClientSampleId :

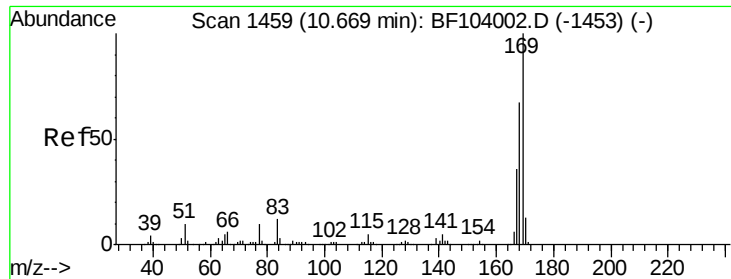
Tot Ion:188 Resp: 373401
Ion Ratio Lower Upper
188 100
94 11.5 8.5 12.7
80 11.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 34.627 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF104224.D
Acq: 4 Apr 2018 14:44

Tgt Ion:198 Resp: 78268
Ion Ratio Lower Upper
198 100
51 43.3 37.7 77.7
105 47.7 36.3 76.3

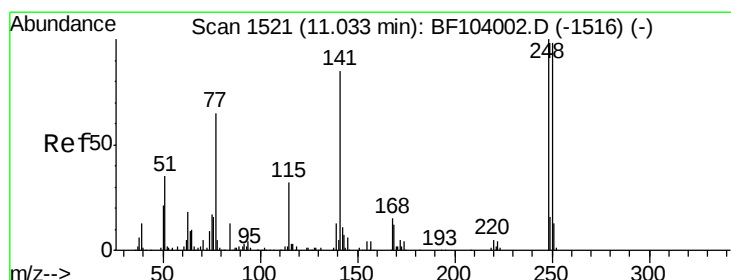
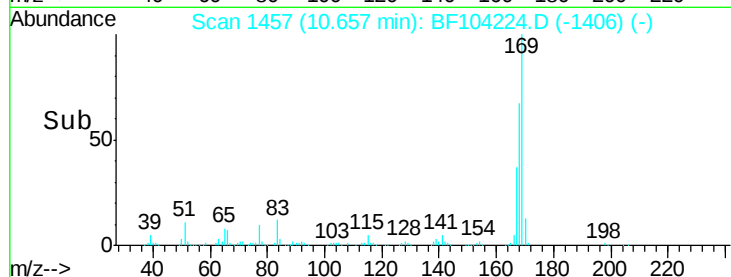
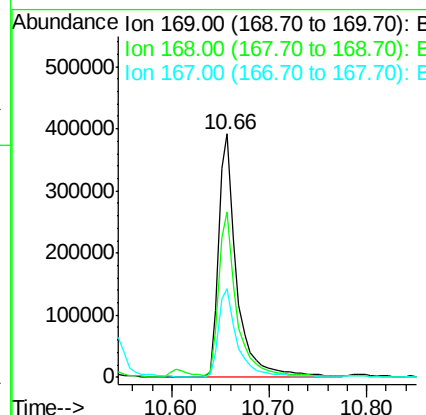
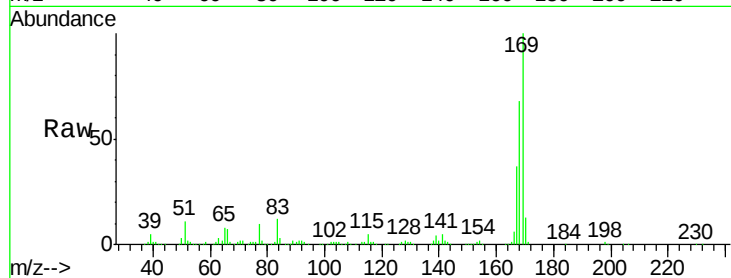




#65
 n-Nitrosodiphenylamine
 Concen: 39.824 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF104224.D
 Acq: 4 Apr 2018 14:44

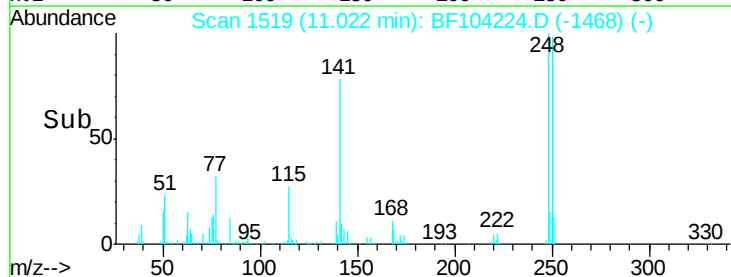
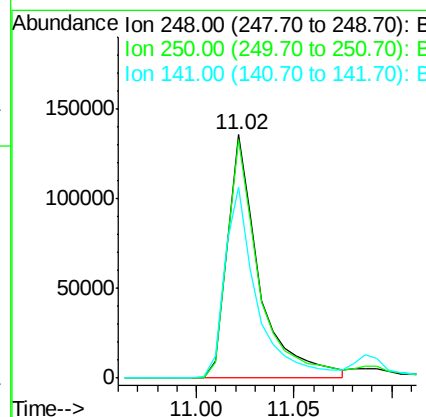
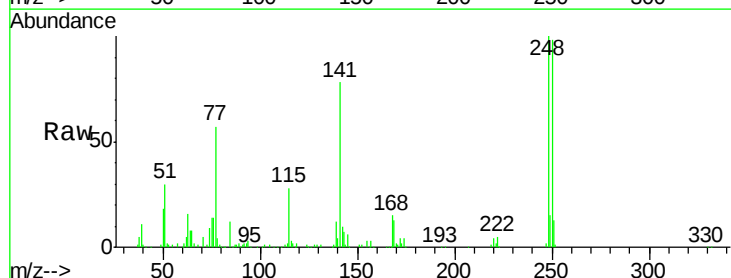
Instrument :
 BNA_F
 ClientSampleId :

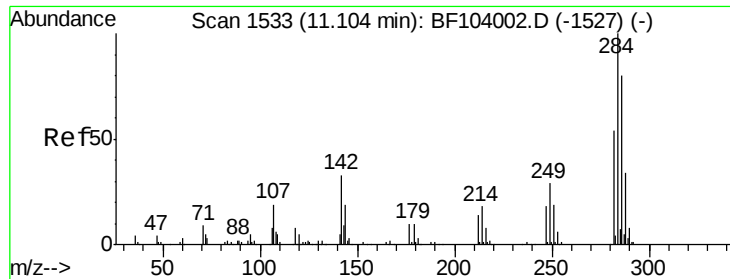
Tot Ion:169 Resp: 503603
 Ion Ratio Lower Upper
 169 100
 168 67.8 54.4 81.6
 167 36.7 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 38.450 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. 0.00 min
 Lab File: BF104224.D
 Acq: 4 Apr 2018 14:44

Tgt Ion:248 Resp: 153603
 Ion Ratio Lower Upper
 248 100
 250 98.2 76.9 115.3
 141 78.4 74.4 111.6

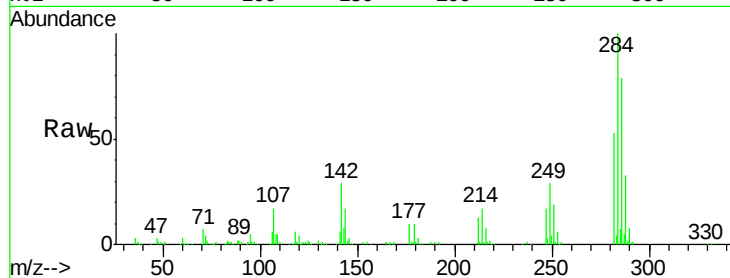




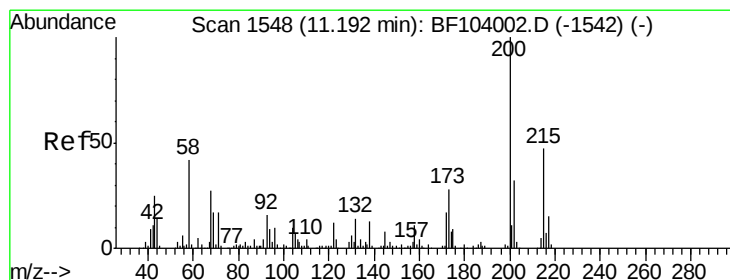
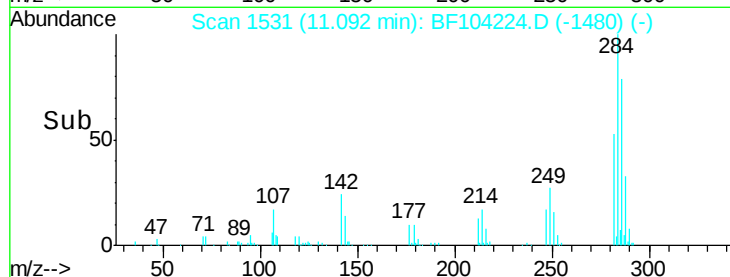
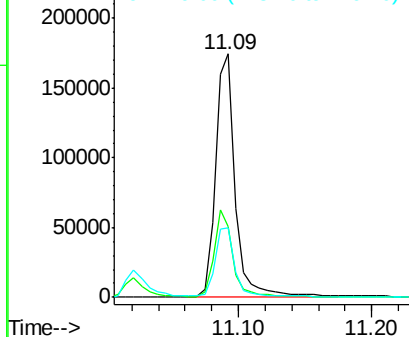
#67
Hexachlorobenzene
Concen: 39.509 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BF104224.D
Acq: 4 Apr 2018 14:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 181554
Ion Ratio Lower Upper
284 100
142 29.0 34.6 52.0#
249 28.6 24.8 37.2

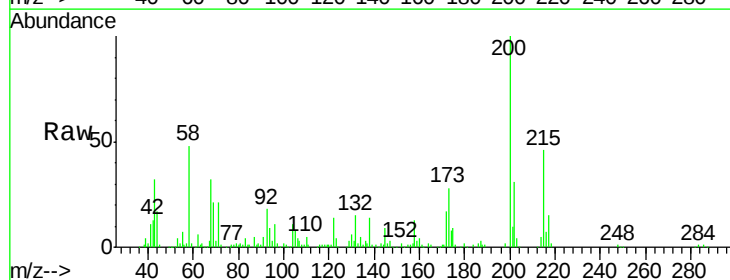


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

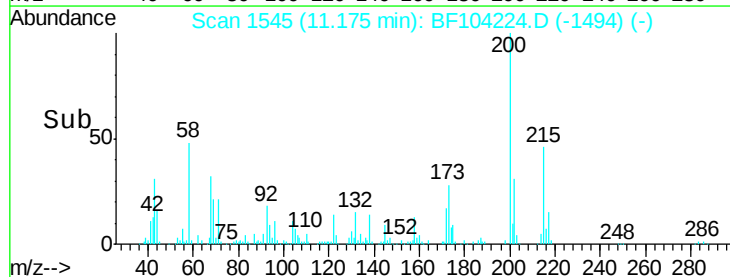
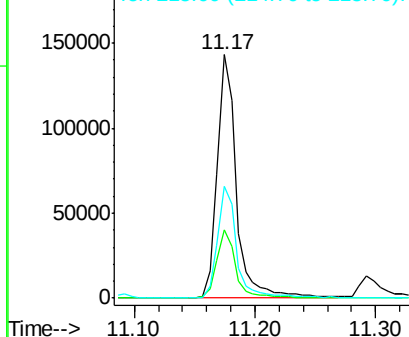


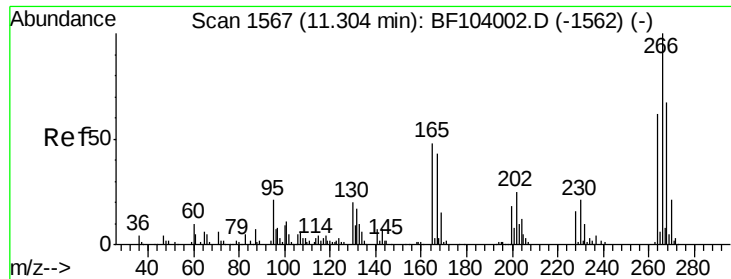
#68
Atrazine
Concen: 40.440 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.00 min
Lab File: BF104224.D
Acq: 4 Apr 2018 14:44

Tgt Ion:200 Resp: 156670
Ion Ratio Lower Upper
200 100
173 28.2 8.6 48.6
215 46.1 25.1 65.1



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

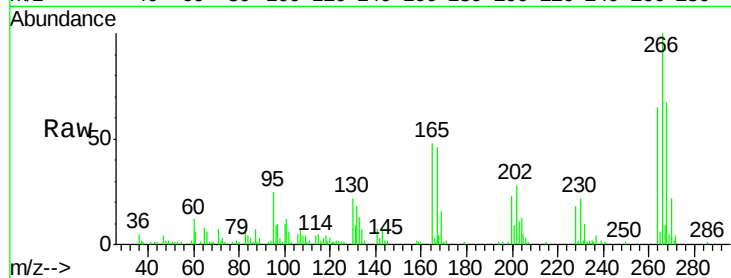




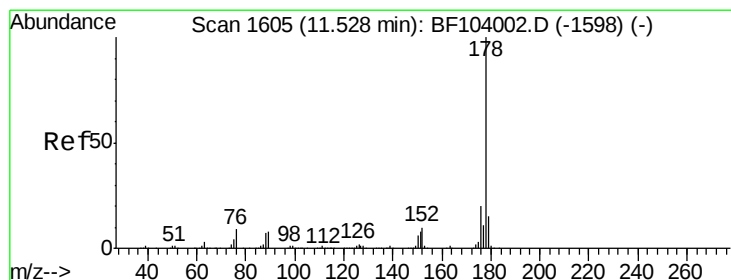
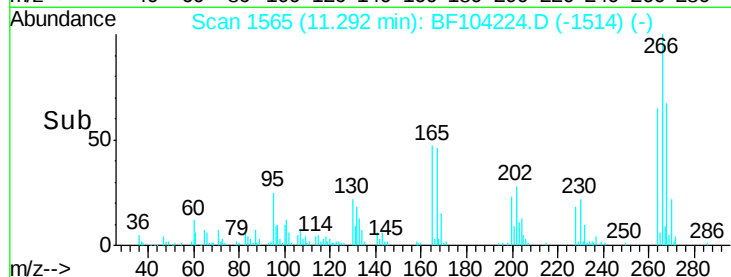
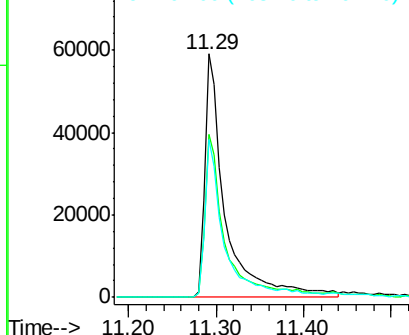
#69
 Pentachlorophenol
 Concen: 38.009 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BF104224.D
 Acq: 4 Apr 2018 14:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 96112
 Ion Ratio Lower Upper
 266 100
 268 67.0 51.1 76.7
 264 64.6 49.5 74.3

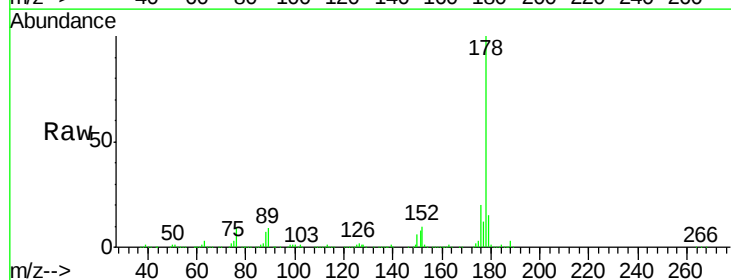


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

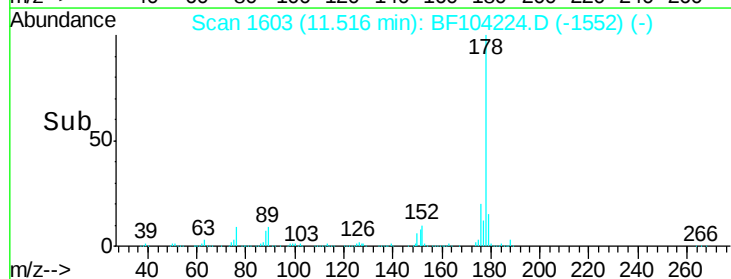
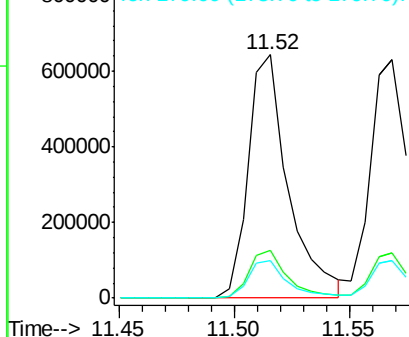


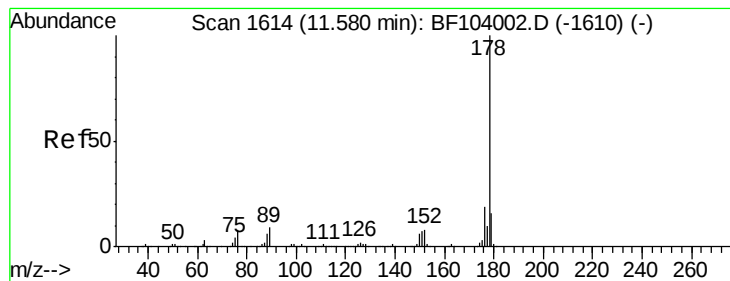
#70
 Phenanthrene
 Concen: 38.709 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. 0.00 min
 Lab File: BF104224.D
 Acq: 4 Apr 2018 14:44

Tgt Ion:178 Resp: 782545
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.3 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: 43.955 ng

RT: 11.57 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BF104224.D

Acq: 4 Apr 2018 14:44

Instrument :

BNA_F

ClientSampleId :

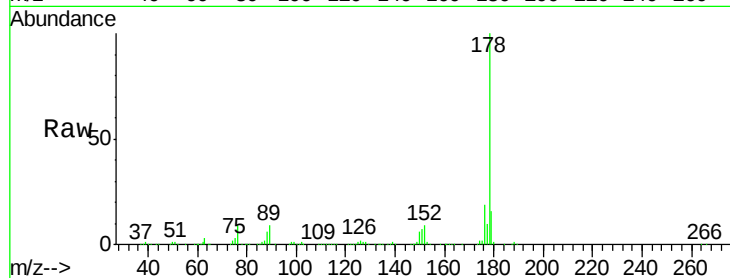
Tot Ion:178 Resp: 928181

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

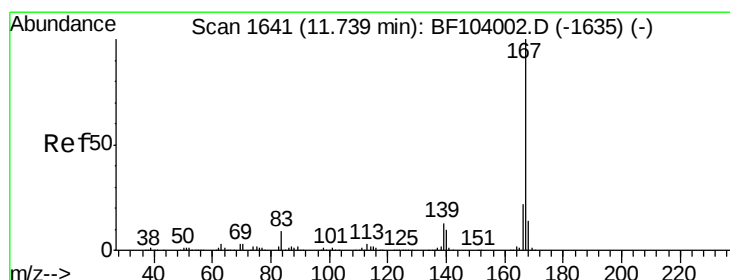
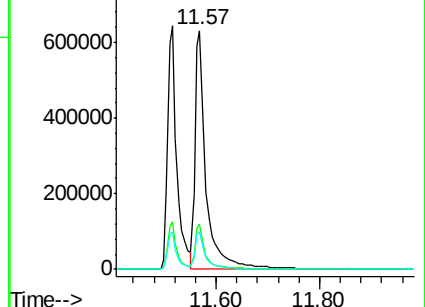
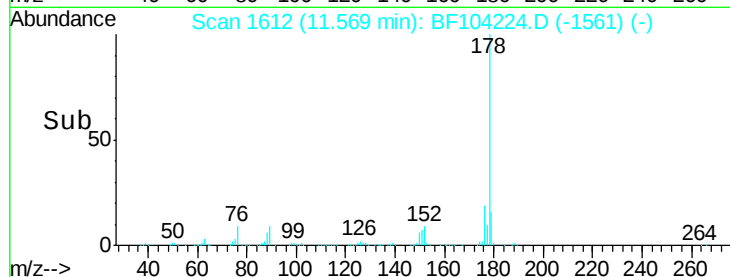
179 15.7 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 42.531 ng

RT: 11.73 min Scan# 1640

Delta R.T. 0.00 min

Lab File: BF104224.D

Acq: 4 Apr 2018 14:44

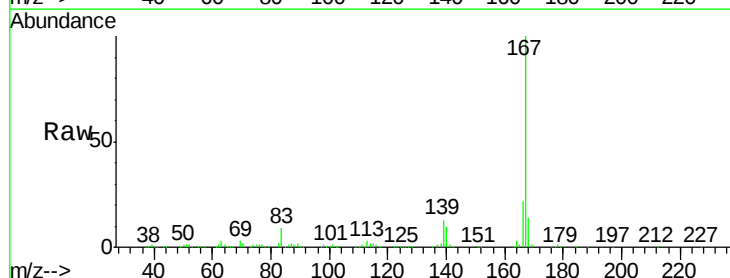
Tgt Ion:167 Resp: 857187

Ion Ratio Lower Upper

167 100

166 22.3 17.6 26.4

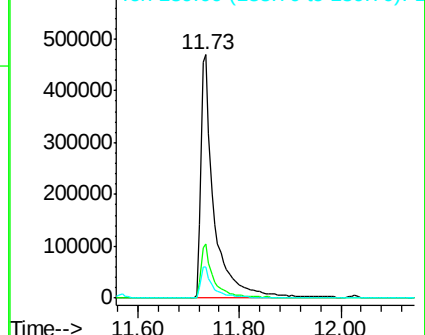
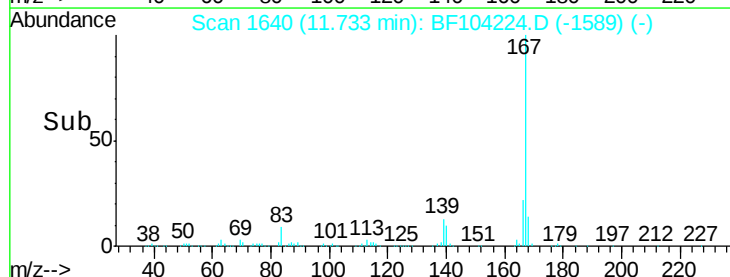
139 12.7 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.762 ng

RT: 12.03 min Scan# 1690

Delta R.T. 0.00 min

Lab File: BF104224.D

Acq: 4 Apr 2018 14:44

Instrument :

BNA_F

ClientSampleId :

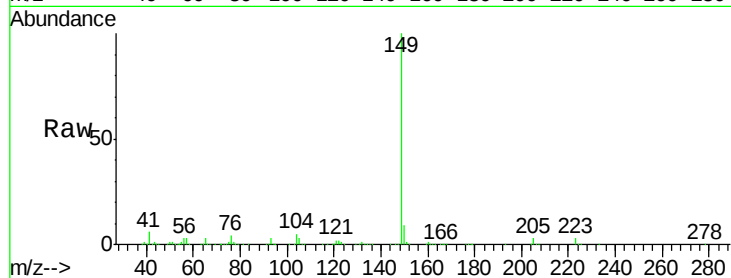
Tot Ion:149 Resp: 978574

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

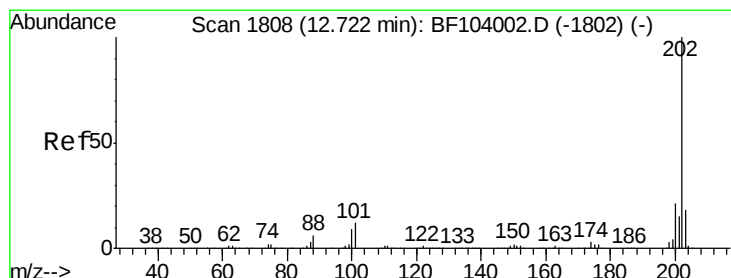
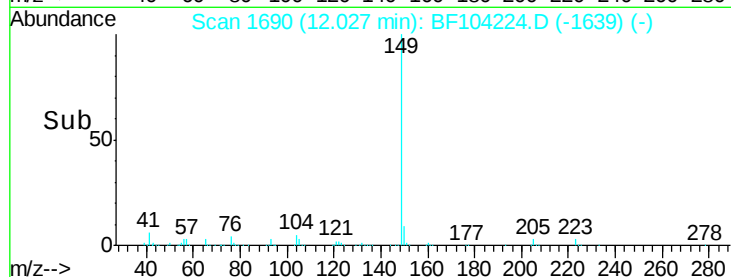
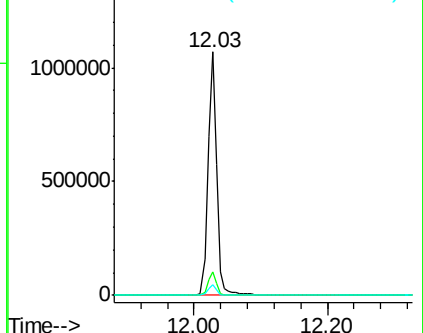
104 4.6 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.412 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF104224.D

Acq: 4 Apr 2018 14:44

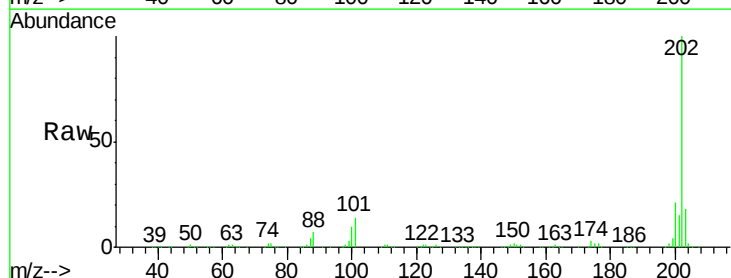
Tgt Ion:202 Resp: 889900

Ion Ratio Lower Upper

202 100

101 14.1 0.0 34.1

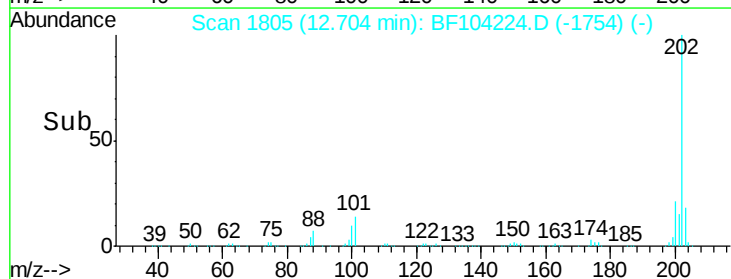
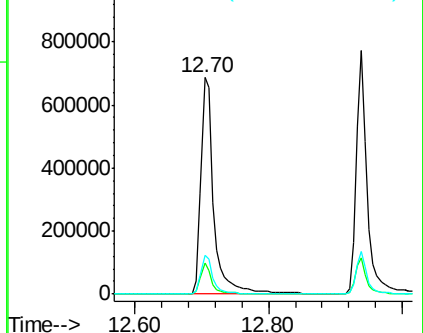
203 17.8 0.0 38.1

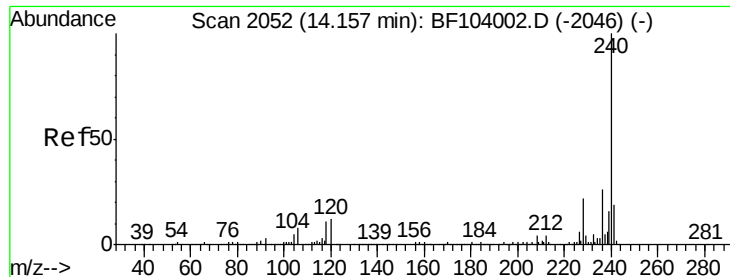


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2050

Delta R.T. 0.00 min

Lab File: BF104224.D

Acq: 4 Apr 2018 14:44

Instrument :

BNA_F

ClientSampleId :

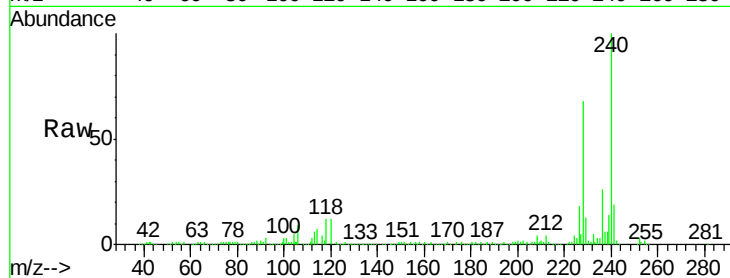
Tot Ion:240 Resp: 298350

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

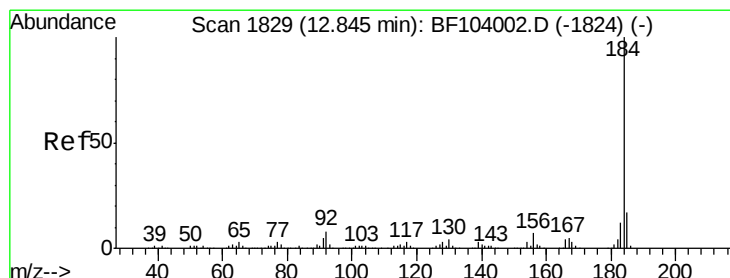
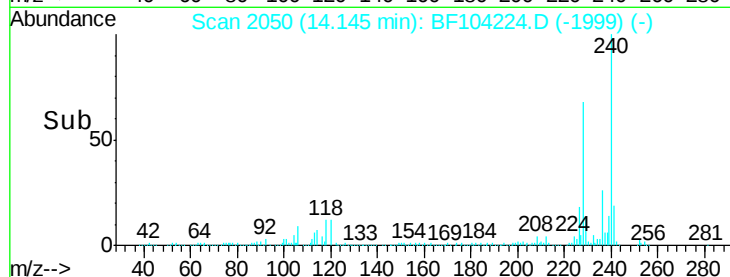
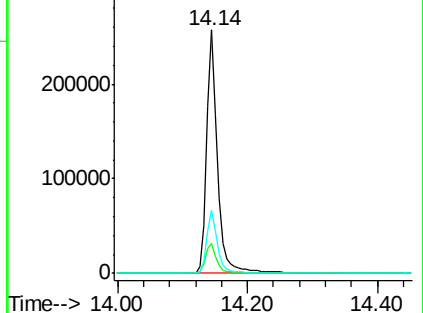
236 26.0 20.7 31.1



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: 40.407 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF104224.D

Acq: 4 Apr 2018 14:44

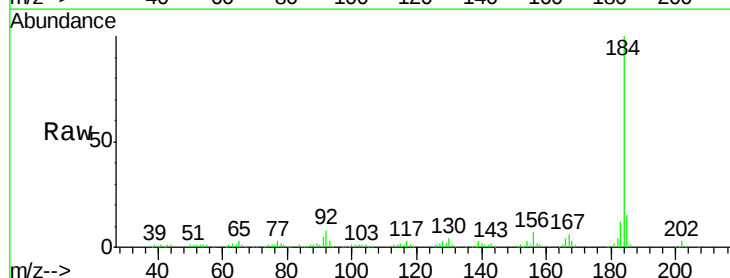
Tgt Ion:184 Resp: 343553

Ion Ratio Lower Upper

184 100

185 14.9 12.6 18.8

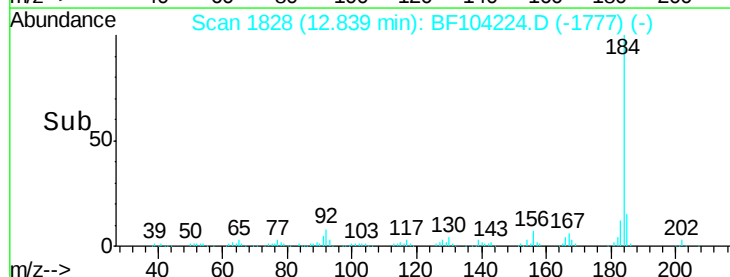
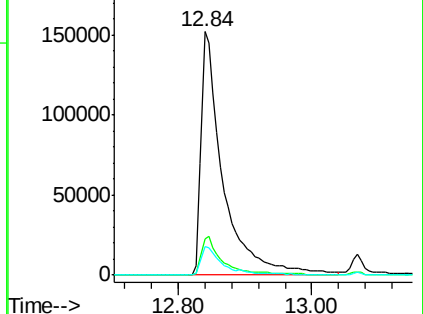
183 11.7 9.3 13.9

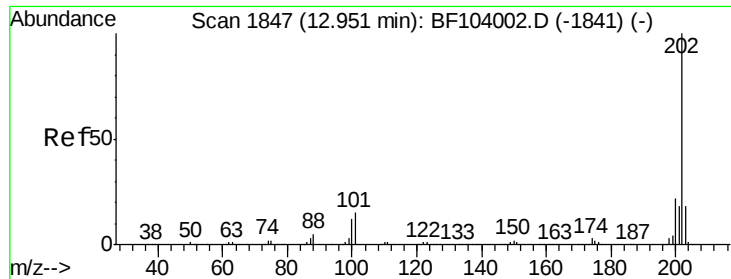


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

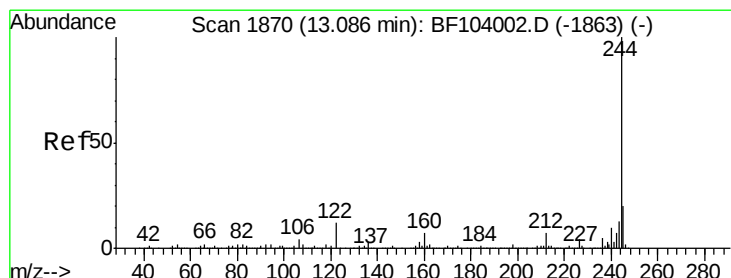
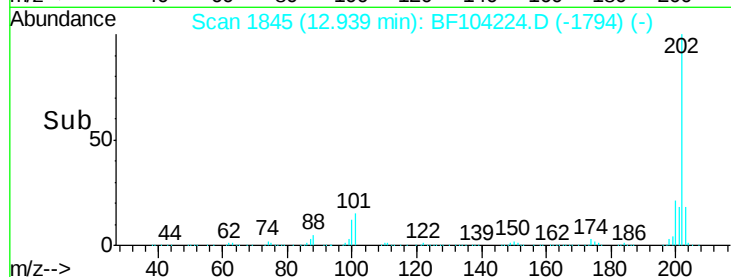
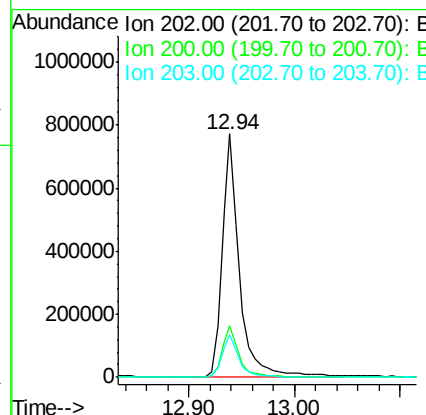
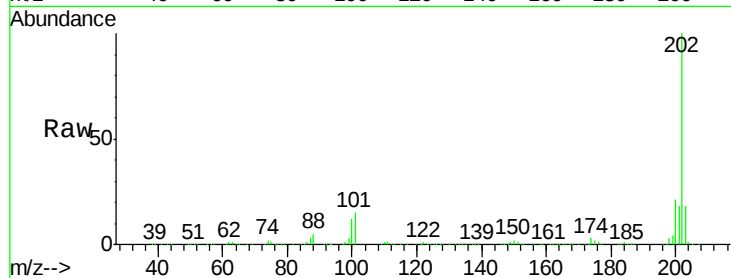




#77
Pvrene
Concen: 41.085 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BF104224.D
Acq: 4 Apr 2018 14:44

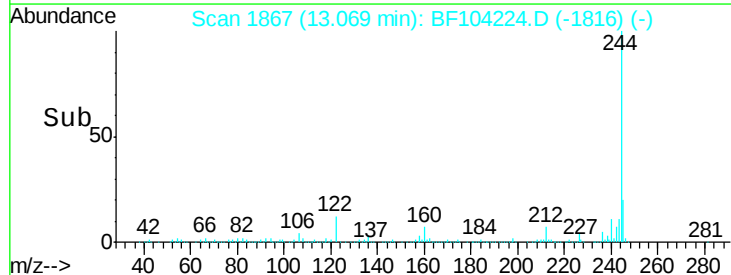
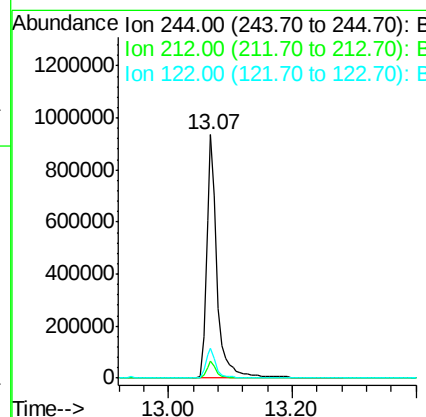
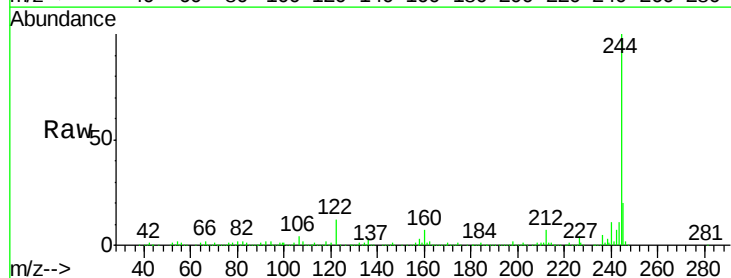
Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 881151
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 17.6 14.3 21.5



#78
Terphenyl-d14
Concen: 86.769 ng
RT: 13.07 min Scan# 1867
Delta R.T. 0.00 min
Lab File: BF104224.D
Acq: 4 Apr 2018 14:44

Tgt Ion:244 Resp: 1121183
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 12.2 11.0 16.4

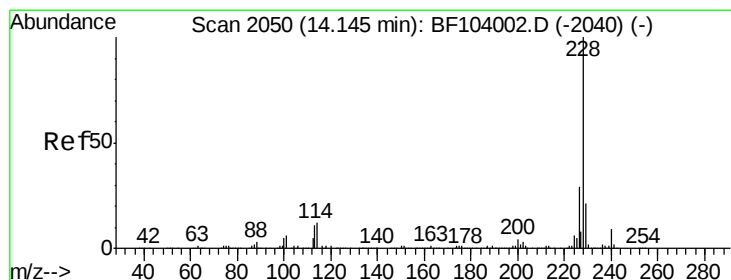
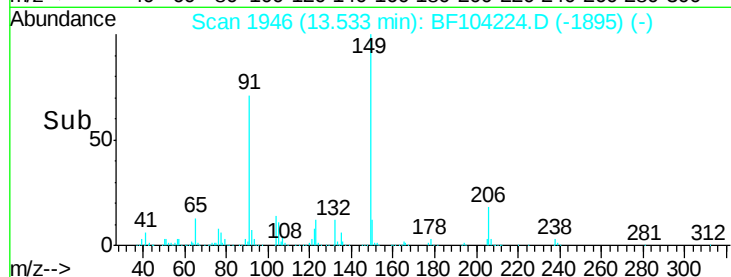
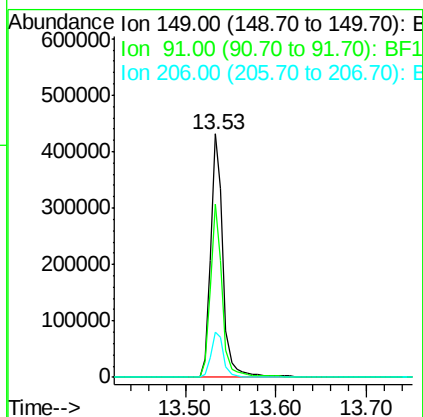
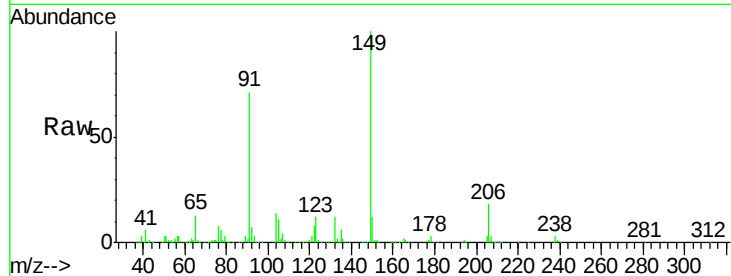




#79
Butylbenzylphthalate
Concen: 41.307 ng
RT: 13.53 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BF104224.D
Acq: 4 Apr 2018 14:44

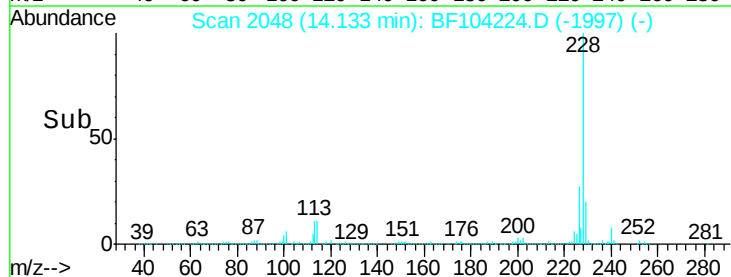
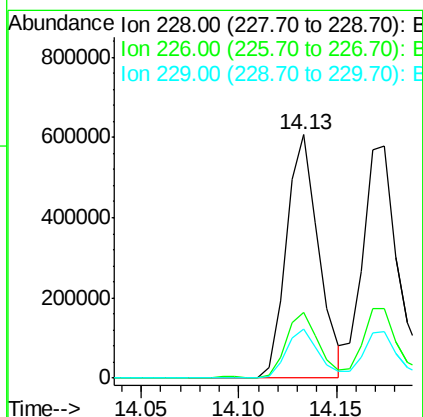
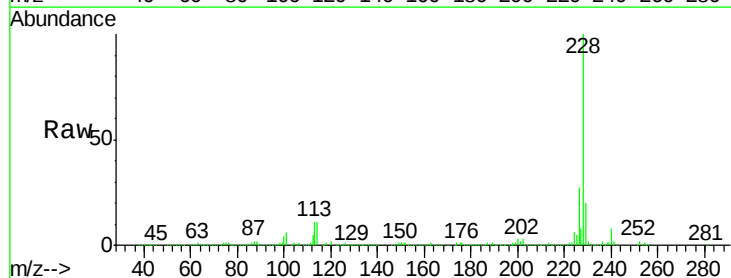
Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 417377
Ion Ratio Lower Upper
149 100
91 71.3 56.8 85.2
206 18.4 14.1 21.1



#80
Benzo(a)anthracene
Concen: 37.234 ng
RT: 14.13 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BF104224.D
Acq: 4 Apr 2018 14:44

Tgt Ion:228 Resp: 695094
Ion Ratio Lower Upper
228 100
226 27.1 22.6 33.8
229 20.0 15.8 23.6

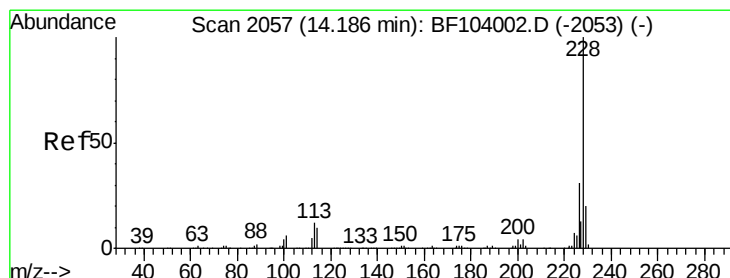
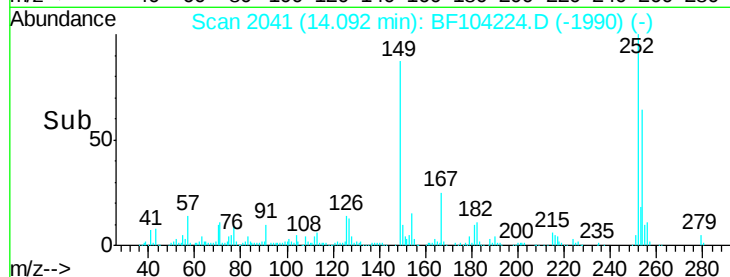
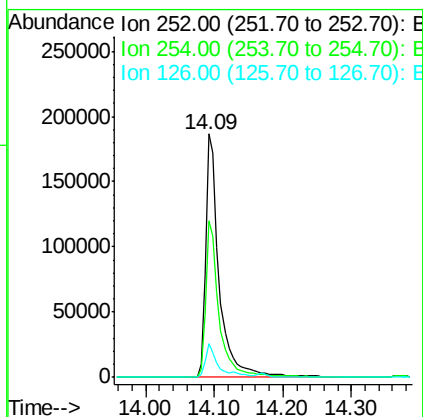
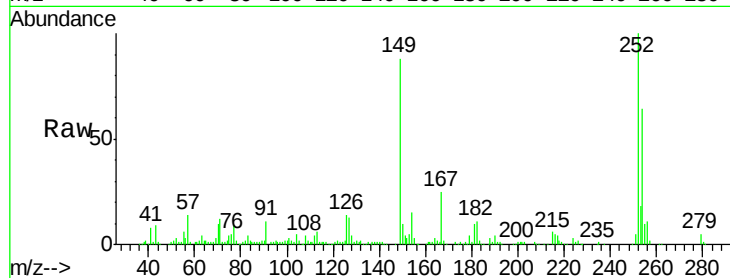




#81
 3,3'-Dichlorobenzidine
 Concen: 42.499 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. 0.00 min
 Lab File: BF104224.D
 Acq: 4 Apr 2018 14:44

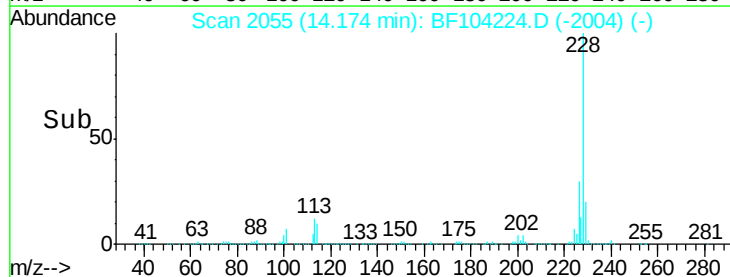
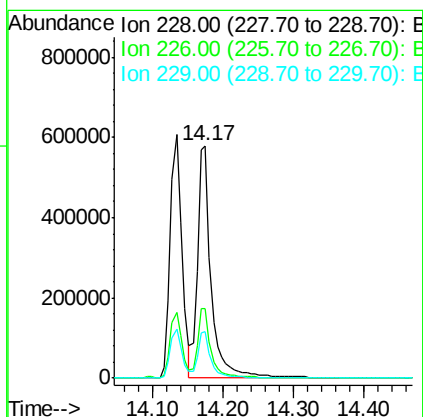
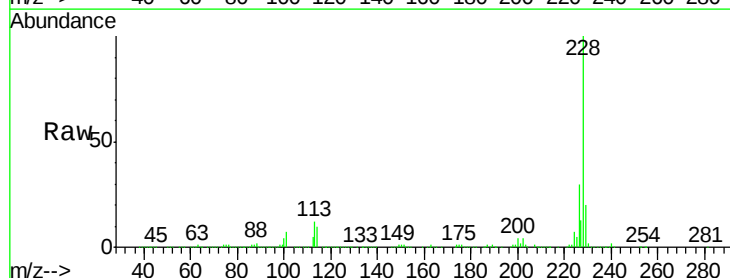
Instrument :
 BNA_F
 ClientSampled :

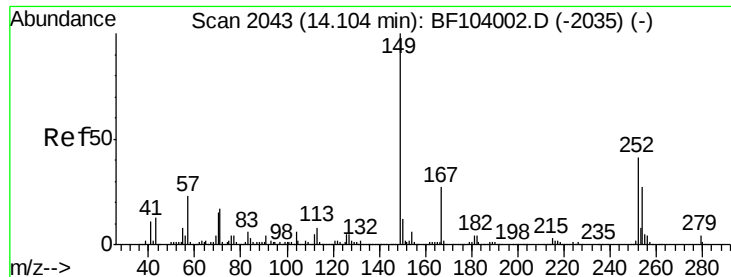
Tot Ion:252 Resp: 262615
 Ion Ratio Lower Upper
 252 100
 254 64.4 50.4 75.6
 126 13.7 11.3 16.9



#82
 Chrysene
 Concen: 43.517 ng
 RT: 14.17 min Scan# 2055
 Delta R.T. 0.00 min
 Lab File: BF104224.D
 Acq: 4 Apr 2018 14:44

Tgt Ion:228 Resp: 795703
 Ion Ratio Lower Upper
 228 100
 226 30.0 25.0 37.6
 229 19.8 16.2 24.4

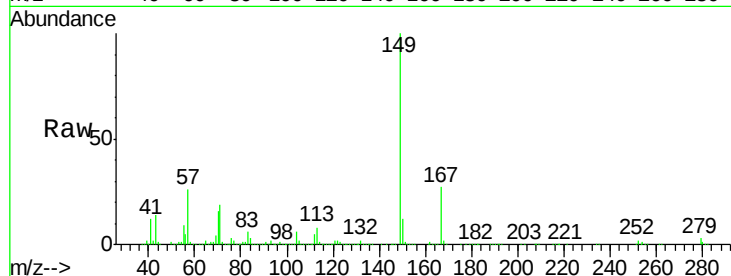




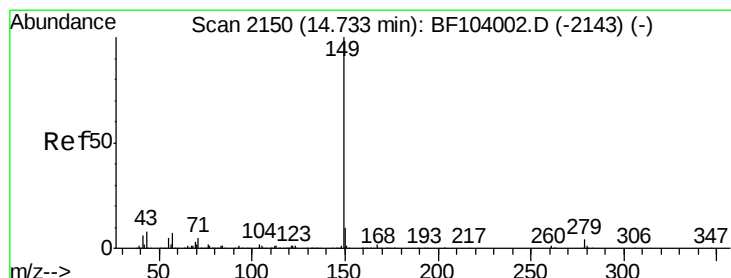
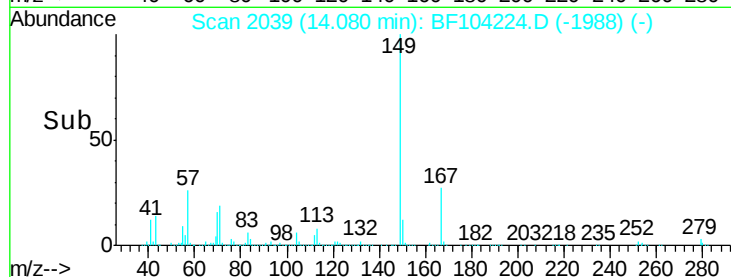
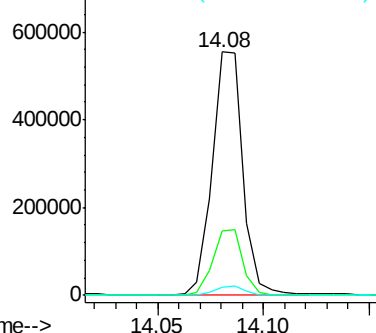
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.238 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.00 min
 Lab File: BF104224.D
 Acq: 4 Apr 2018 14:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 551441
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.3 31.9
 279 3.3 3.0 4.4

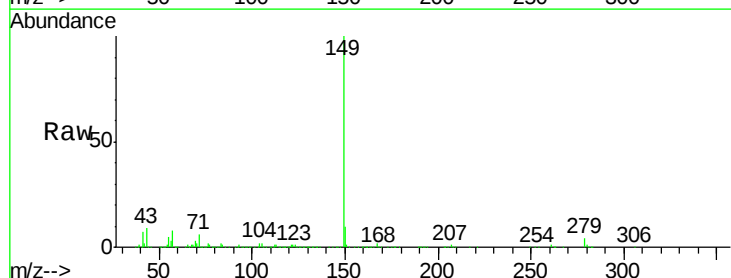


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

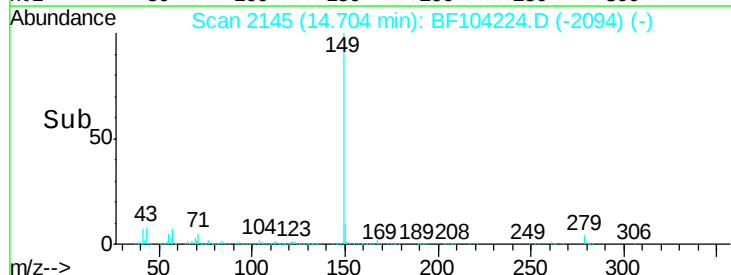
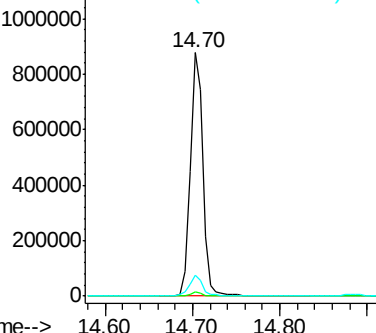


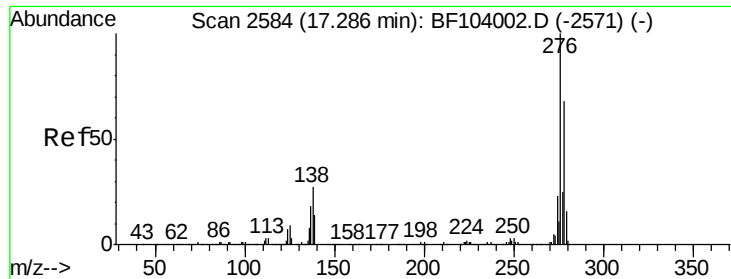
#84
 Di-n-octyl phthalate
 Concen: 38.886 ng
 RT: 14.70 min Scan# 2145
 Delta R.T. 0.00 min
 Lab File: BF104224.D
 Acq: 4 Apr 2018 14:44

Tgt Ion:149 Resp: 873284
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 7.9 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

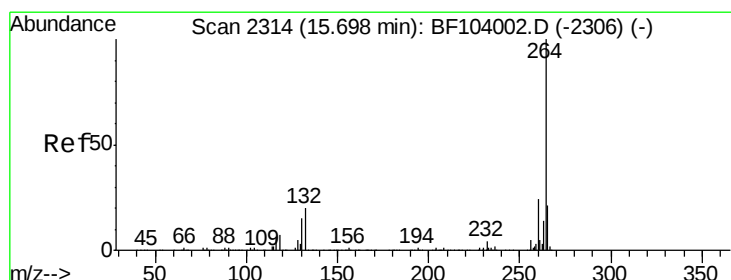
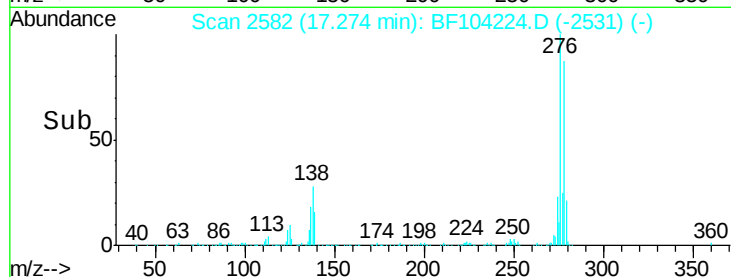
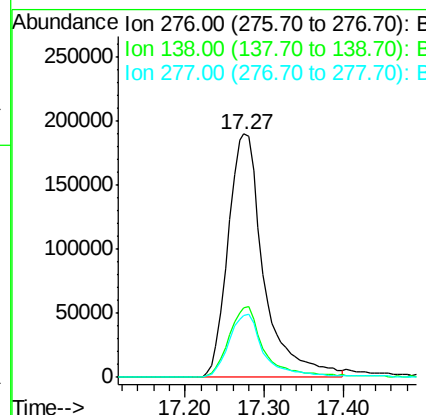
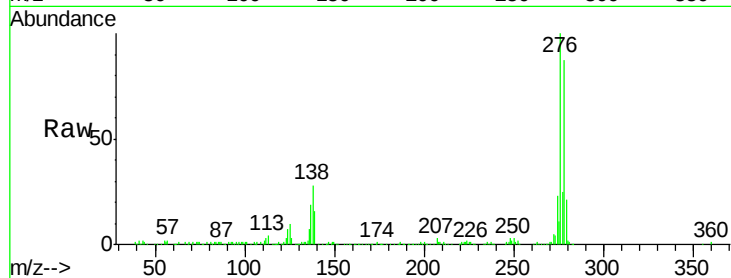




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.357 ng
 RT: 17.27 min Scan# 2582
 Delta R.T. 0.00 min
 Lab File: BF104224.D
 Acq: 4 Apr 2018 14:44

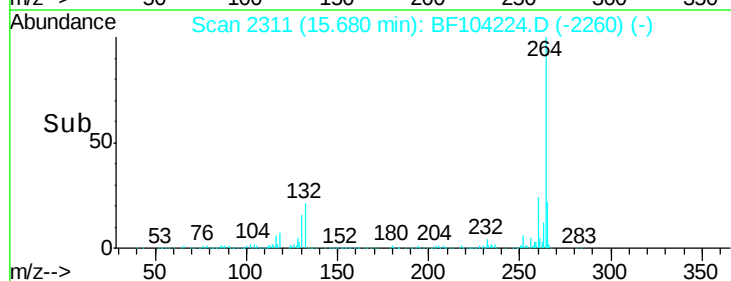
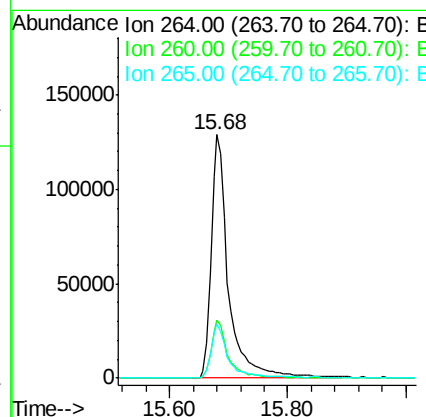
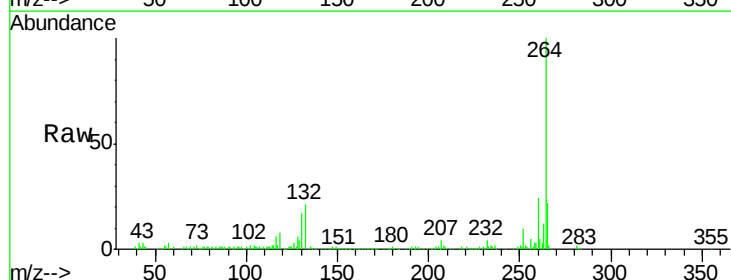
Instrument :
 BNA_F
 ClientSampleId :

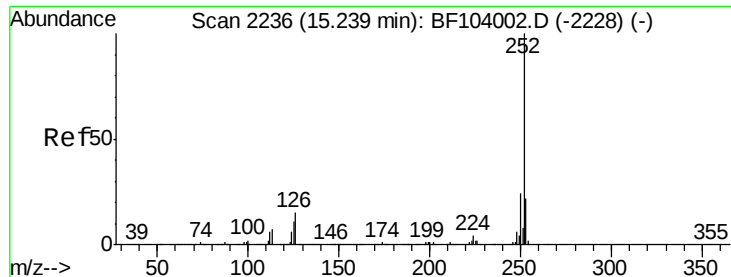
Tot Ion:276 Resp: 594149
 Ion Ratio Lower Upper
 276 100
 138 28.7 25.0 37.6
 277 26.1 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: BF104224.D
 Acq: 4 Apr 2018 14:44

Tgt Ion:264 Resp: 263207
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 22.1 17.5 26.3

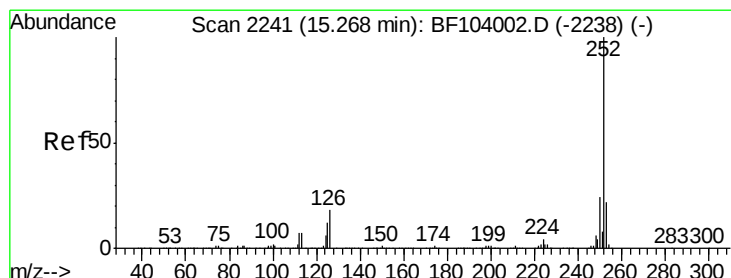
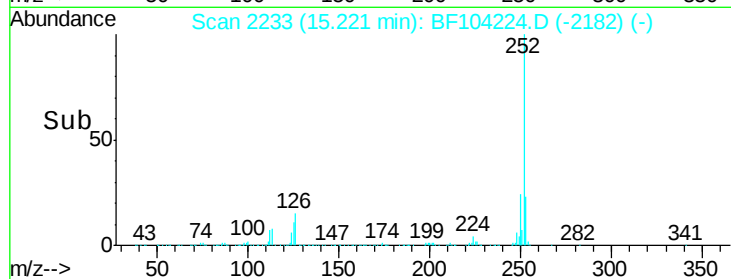
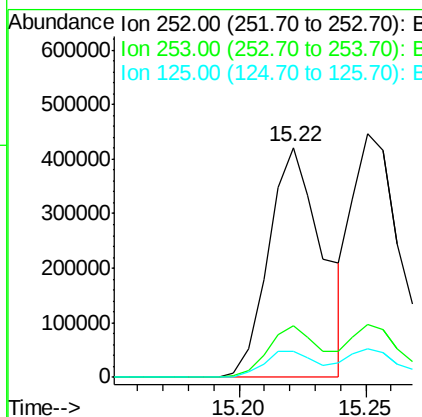
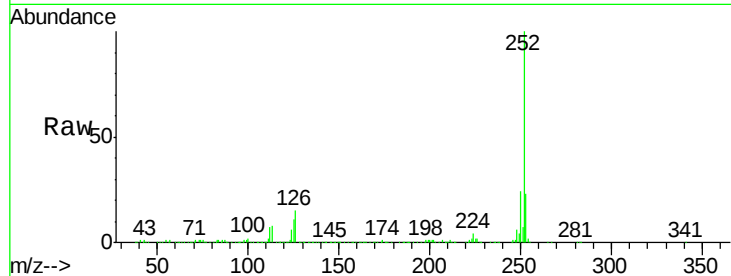




#87
Benzo(b)fluoranthene
Concen: 38.953 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BF104224.D
Acq: 4 Apr 2018 14:44

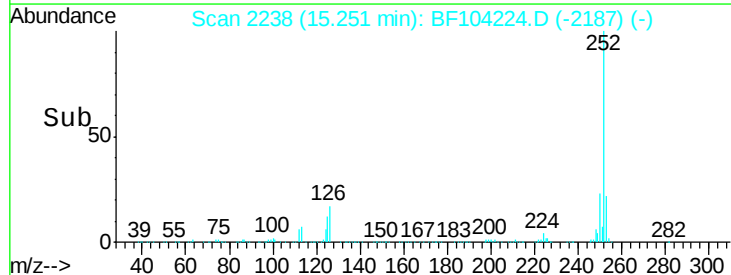
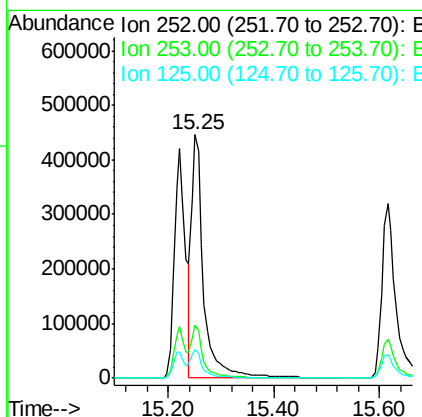
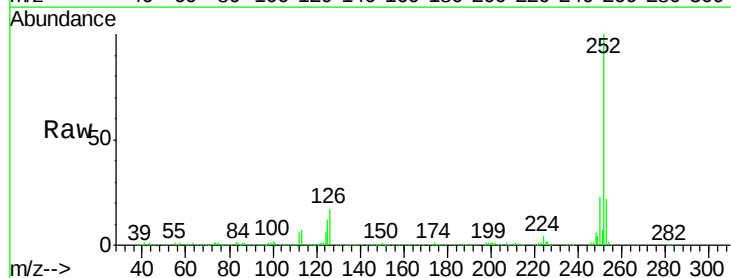
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 623966
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 11.4 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 46.188 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BF104224.D
Acq: 4 Apr 2018 14:44

Tgt Ion:252 Resp: 696951
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 11.8 10.2 15.2

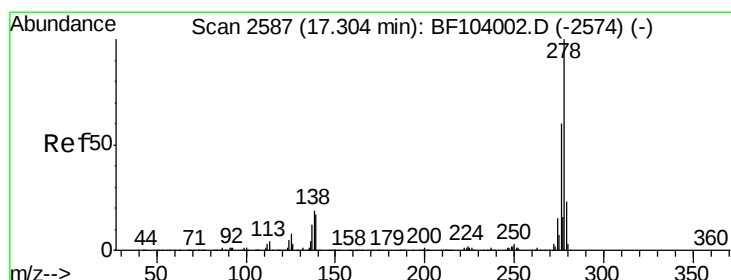
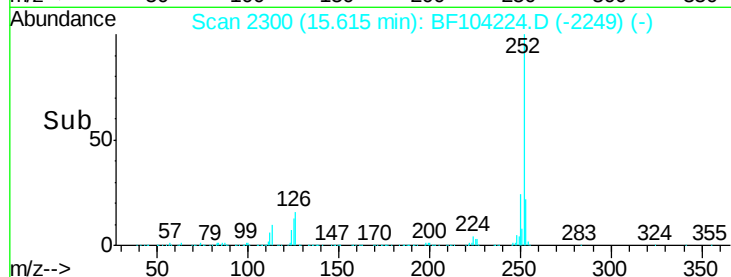
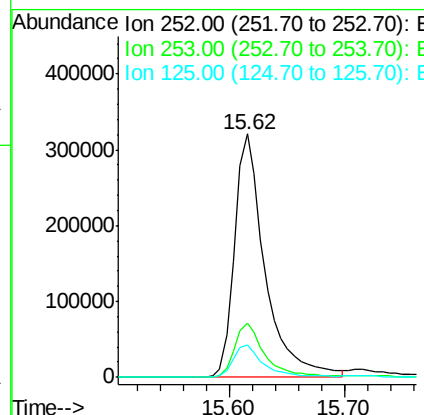
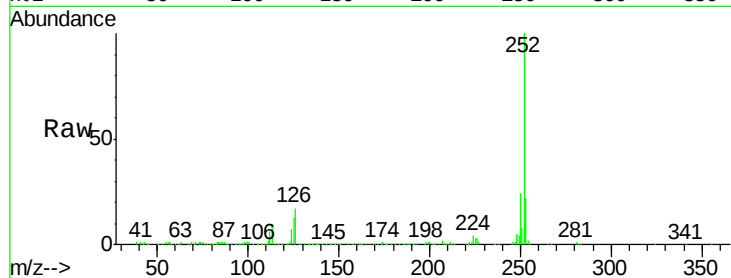




#89
Benzo(a)pyrene
Concen: 39.287 ng
RT: 15.62 min Scan# 2300
Delta R.T. 0.00 min
Lab File: BF104224.D
Acq: 4 Apr 2018 14:44

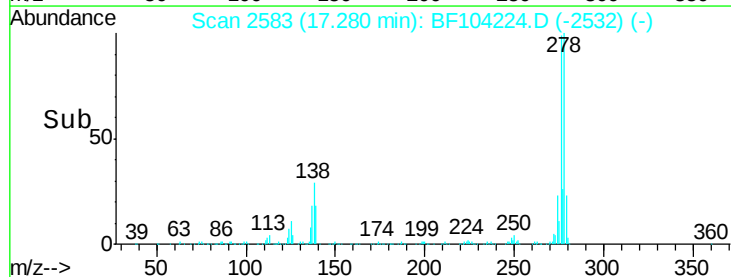
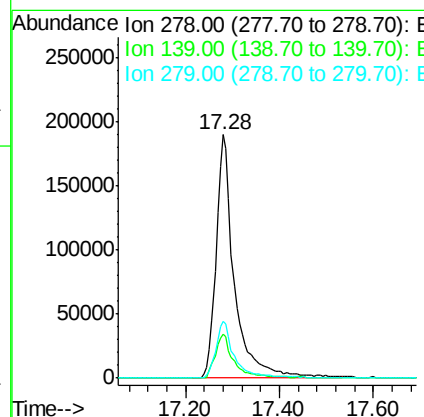
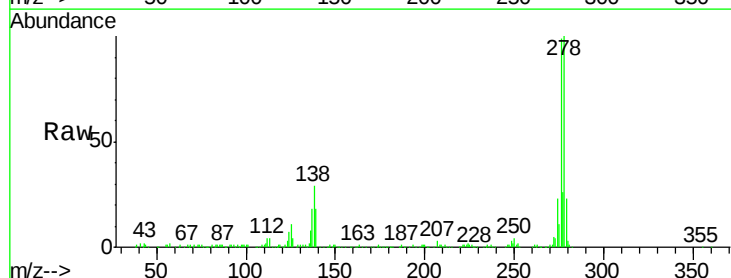
Instrument :
BNA_F
ClientSampleId :

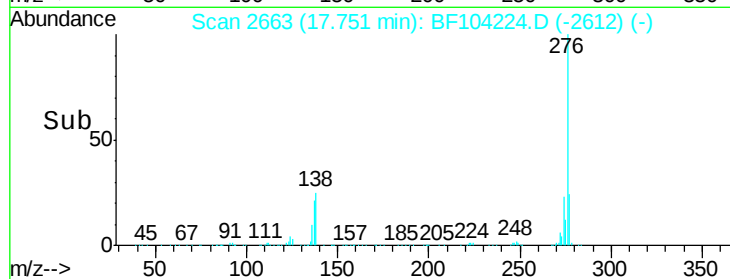
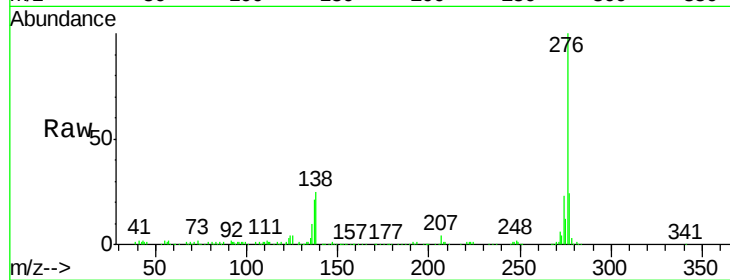
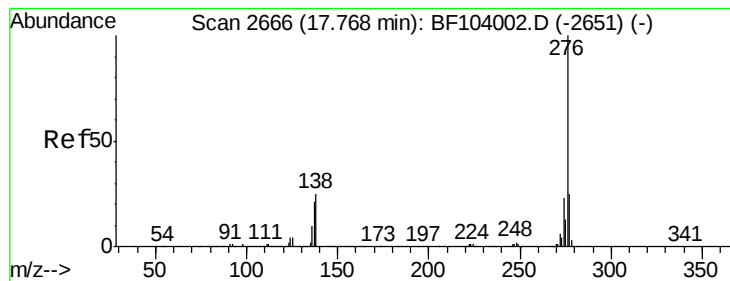
Tot Ion:252 Resp: 583194
Ion Ratio Lower Upper
252 100
253 22.4 17.1 25.7
125 13.2 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 38.031 ng
RT: 17.28 min Scan# 2583
Delta R.T. 0.00 min
Lab File: BF104224.D
Acq: 4 Apr 2018 14:44

Tgt Ion:278 Resp: 521955
Ion Ratio Lower Upper
278 100
139 18.2 15.9 23.9
279 23.1 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 35.745 ng

RT: 17.75 min Scan# 2663

Delta R.T. 0.00 min

Lab File: BF104224.D

Acq: 4 Apr 2018 14:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 276 Resp: 491382

Ion Ratio Lower Upper

276 100

277 23.8 17.9 26.9

138 25.1 21.8 32.8

