

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104228.D
 Acq On : 4 Apr 2018 16:36
 Operator : JU/SJ
 Sample : PB107929BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 04 18:09:07 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	6.95	152	109596	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	471052	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	231790	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	450607	20.00	ng	0.00
75) Chrysene-d12	14.14	240	351745	20.00	ng	0.00
86) Perylene-d12	15.67	264	275404	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	779702	113.46	ng	0.00
7) Phenol-d6	6.60	99	985761	116.59	ng	0.00
23) Nitrobenzene-d5	7.52	82	608942	79.06	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	311659	120.75	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1249868	85.03	ng	0.00
78) Terphenyl-d14	13.07	244	1336102	87.71	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.88	88	91956	31.025	ng	# 86
3) Pyridine	3.69	79	189341	25.234	ng	# 84
4) n-Nitrosodimethylamine	3.66	42	42007	18.834	ng	# 77
6) Aniline	6.64	93	148517	14.673	ng	# 68
8) 2-Chlorophenol	6.75	128	309711	41.084	ng	96
9) Benzaldehyde	6.53	77	49334	8.655	ng	95
10) Phenol	6.62	94	398751	42.564	ng	95
11) bis(2-Chloroethyl)ether	6.69	93	319315	39.555	ng	91
12) 1,3-Dichlorobenzene	6.89	146	305716	36.077	ng	98
13) 1,4-Dichlorobenzene	6.97	146	352275	38.797	ng	98
14) 1,2-Dichlorobenzene	7.12	146	319111	39.101	ng	99
15) Benzyl Alcohol	7.10	79	203533	37.024	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.22	45	343794	39.090	ng	# 37
17) 2-Methylphenol	7.21	107	236963	38.621	ng	# 79
18) Hexachloroethane	7.45	117	118656	39.030	ng	96
19) n-Nitroso-di-n-propylamine	7.36	70	212139	42.278	ng	89
20) 3+4-Methylphenols	7.37	107	298340	38.099	ng	# 61
22) Acetophenone	7.36	105	434929	38.162	ng	98
24) Nitrobenzene	7.54	77	273846	33.790	ng	96
25) Isophorone	7.76	82	592785	41.760	ng	99
26) 2-Nitrophenol	7.85	139	169612	40.094	ng	93
27) 2,4-Dimethylphenol	7.89	122	262723	43.062	ng	98
28) bis(2-Chloroethoxy)methane	7.97	93	365365	41.067	ng	99
29) 2,4-Dichlorophenol	8.10	162	261227	40.992	ng	99
30) 1,2,4-Trichlorobenzene	8.17	180	270549	37.418	ng	99
31) Naphthalene	8.25	128	939229	40.814	ng	100
32) Benzoic acid	8.03	122	125382	28.053	ng	91
33) 4-Chloroaniline	8.33	127	77699	8.009	ng	95
34) Hexachlorobutadiene	8.36	225	144081	36.619	ng	98
35) Caprolactam	8.68	113	41984	20.778	ng	# 75
36) 4-Chloro-3-methylphenol	8.80	107	285434	42.347	ng	96
37) 2-Methylnaphthalene	8.95	142	601413	39.675	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	275198	38.717	ng	99
40) Hexachlorocyclopentadiene	9.09	237	182485	56.257	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	164604	36.572	ng	97
43) 2,4,5-Trichlorophenol	9.28	196	194089	35.715	ng	96
45) 1,1'-Biphenyl	9.41	154	762751	38.341	ng	98
46) 2-Chloronaphthalene	9.44	162	603585	38.463	ng	98
47) 2-Nitroaniline	9.55	65	168502	37.657	ng	89
48) Acenaphthylene	9.85	152	874969	36.804	ng	99
49) Dimethylphthalate	9.70	163	694477	37.948	ng	100
50) 2,6-Dinitrotoluene	9.78	165	156564	39.765	ng	92
51) Acenaphthene	10.02	154	502235	36.519	ng	99
52) 3-Nitroaniline	9.97	138	73180	16.169	ng	99
53) 2,4-Dinitrophenol	10.08	184	63578	39.985	ng	# 35
54) Dibenzofuran	10.20	168	772181	38.449	ng	95
55) 4-Nitrophenol	10.15	139	140607	51.812	ng	95
56) 2,4-Dinitrotoluene	10.19	165	197420	39.295	ng	# 95
57) Fluorene	10.55	166	646498	39.024	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.32	232	184209	45.243	ng	# 83
59) Diethylphthalate	10.40	149	678453	38.699	ng	98
60) 4-Chlorophenyl-phenylether	10.53	204	308096	40.492	ng	96
61) 4-Nitroaniline	10.60	138	157025	37.078	ng	94
62) Azobenzene	10.69	77	626092	39.494	ng	92
64) 4,6-Dinitro-2-methylphenol	10.60	198	74679	27.379	ng	89
65) n-Nitrosodiphenylamine	10.66	169	571110	37.424	ng	99
66) 4-Bromophenyl-phenylether	11.02	248	191439	39.711	ng	91
67) Hexachlorobenzene	11.09	284	205525	37.062	ng	# 84
68) Atrazine	11.18	200	187494	40.104	ng	96
69) Pentachlorophenol	11.29	266	179837	58.933	ng	96
70) Phenanthrene	11.51	178	913194	37.432	ng	99
71) Anthracene	11.56	178	1072508	42.088	ng	98
72) Carbazole	11.73	167	950347	39.074	ng	99
73) Di-n-butylphthalate	12.03	149	1090903	37.656	ng	99
74) Fluoranthene	12.70	202	1039558	40.088	ng	98
76) Benzidine	12.84	184	287205	28.652	ng	98
77) Pyrene	12.94	202	1010097	39.948	ng	99
79) Butylbenzylphthalate	13.53	149	464220	38.969	ng	99
80) Benzo(a)anthracene	14.13	228	821476	37.324	ng	99
81) 3,3'-Dichlorobenzidine	14.09	252	135454	18.593	ng	96
82) Chrysene	14.17	228	910433	42.234	ng	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	624036	40.543	ng	99
84) Di-n-octyl phthalate	14.70	149	1001643	37.831	ng	# 94
85) Indeno(1,2,3-cd)pyrene	17.27	276	592901	26.542	ng	96
87) Benzo(b)fluoranthene	15.22	252	640320	38.203	ng	98
88) Benzo(k)fluoranthene	15.25	252	784060	49.659	ng	99
89) Benzo(a)pyrene	15.61	252	642678	41.377	ng	98
90) Dibenzo(a,h)anthracene	17.27	278	497291	34.629	ng	97
91) Benzo(g,h,i)perylene	17.74	276	481114	33.448	ng	95

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

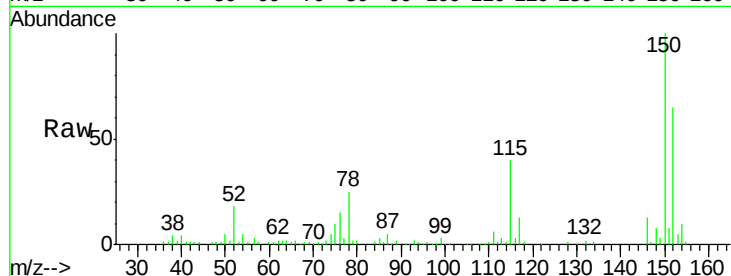


#1

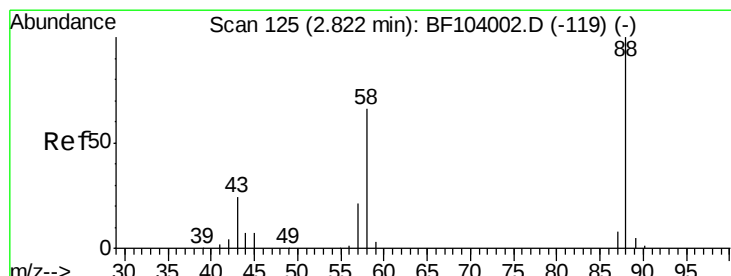
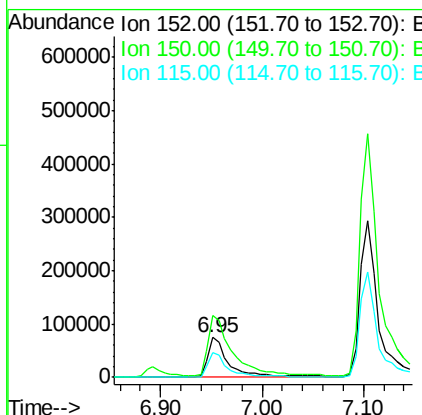
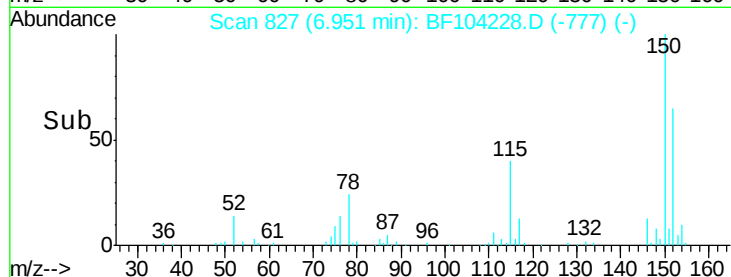
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 109596
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 62.2 50.1 75.1



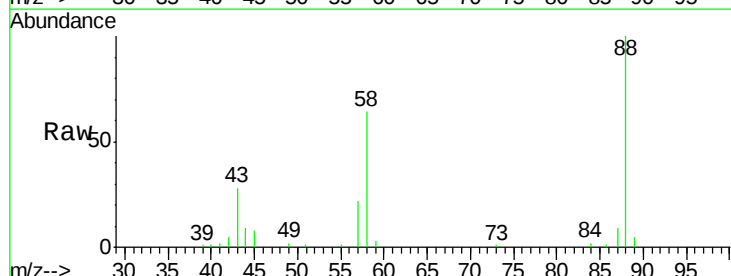
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



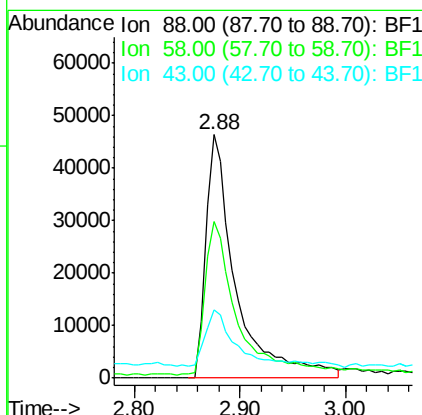
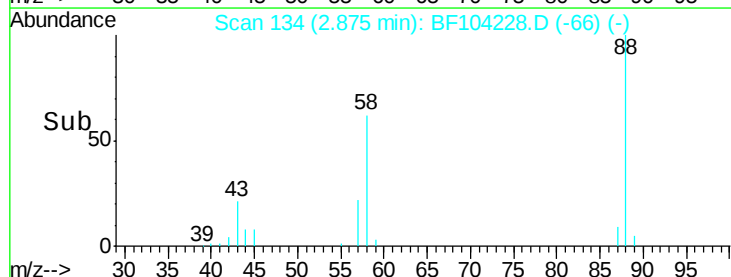
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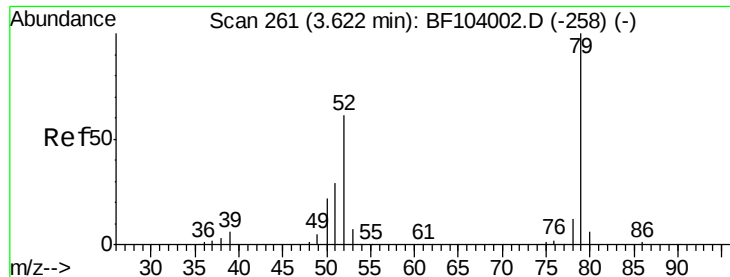
1,4-Dioxane
Concen: 31.025 ng
RT: 2.88 min Scan# 134
Delta R.T. 0.10 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Tgt Ion: 88 Resp: 91956
Ion Ratio Lower Upper
88 100
58 65.9 62.6 93.8
43 22.9 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: 25.234 ng

RT: 3.69 min Scan# 272

Delta R.T. 0.08 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

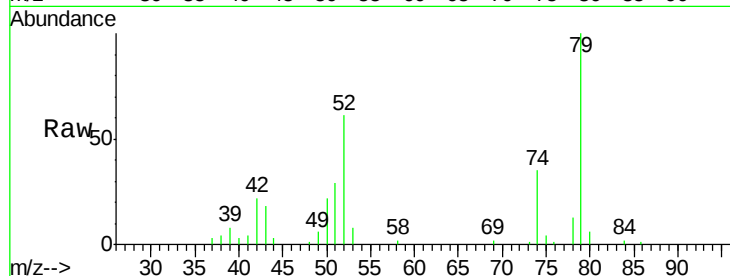
Tot Ion: 79 Resp: 189341

Ion Ratio Lower Upper

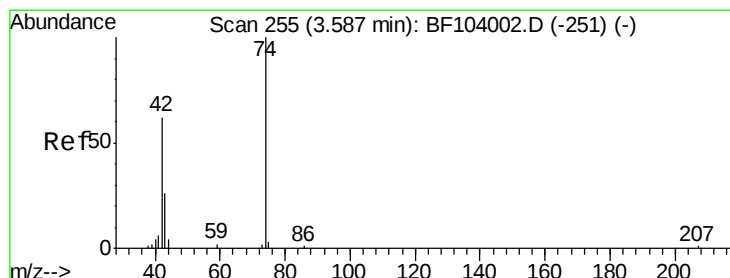
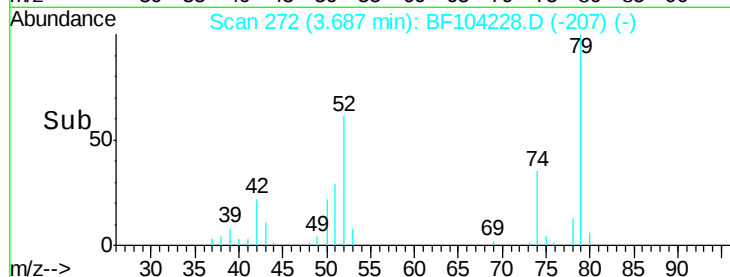
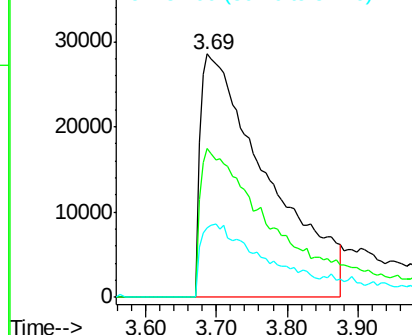
79 100

52 60.9 59.8 89.6

51 28.8 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: 18.834 ng

RT: 3.66 min Scan# 267

Delta R.T. 0.07 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

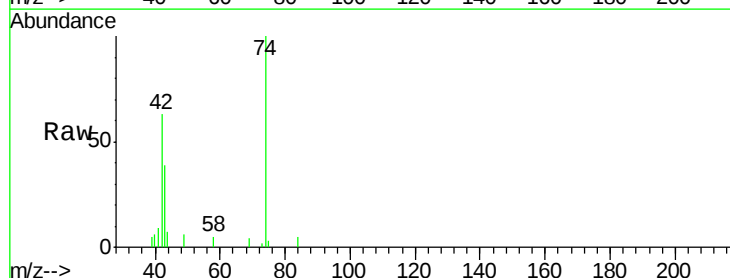
Tgt Ion: 42 Resp: 42007

Ion Ratio Lower Upper

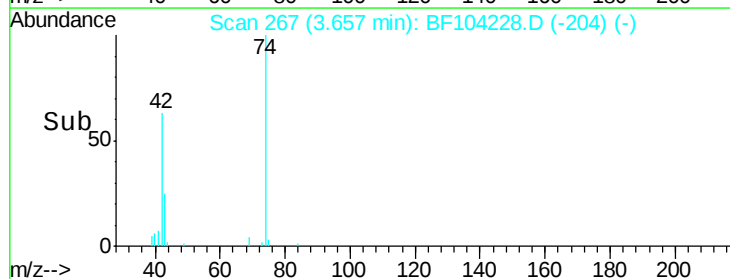
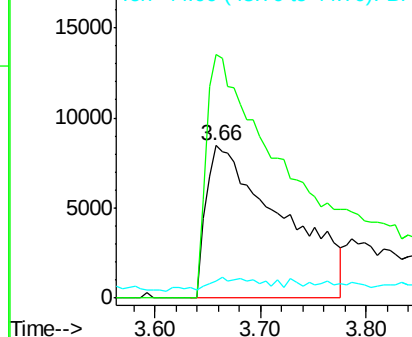
42 100

74 159.6 104.9 157.3#

44 11.4 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: 113.456 ng

RT: 5.60 min Scan# 597

Delta R.T. 0.01 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

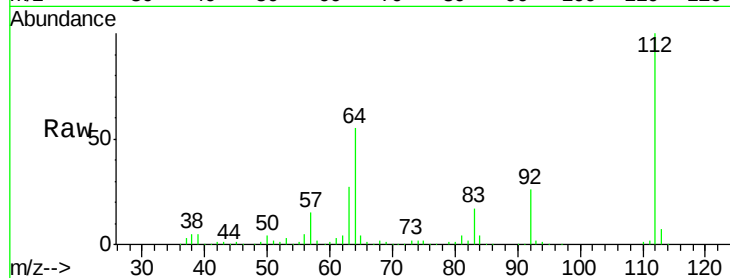
Tot Ion:112 Resp: 779702

Ion Ratio Lower Upper

112 100

64 55.2 47.9 71.9

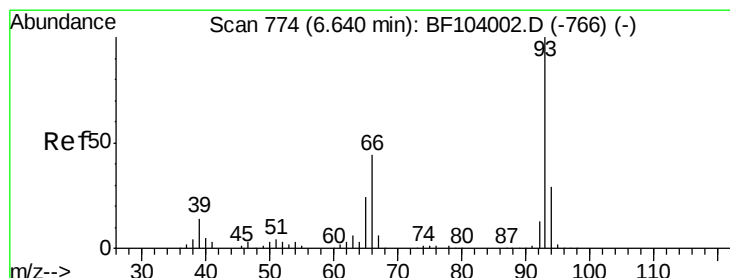
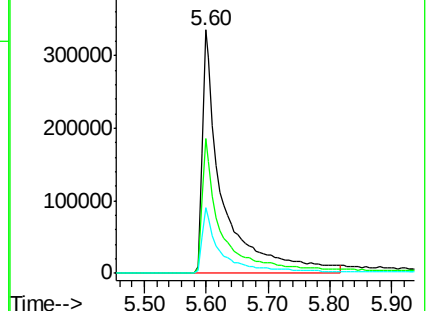
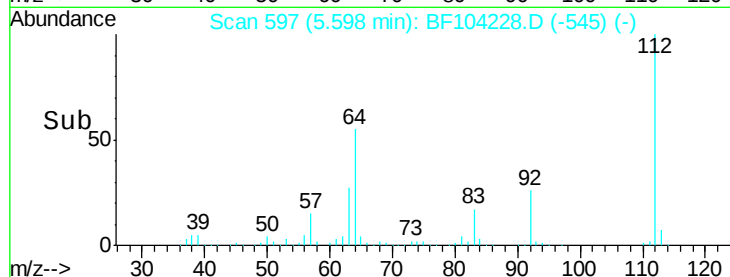
63 27.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 14.673 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.01 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

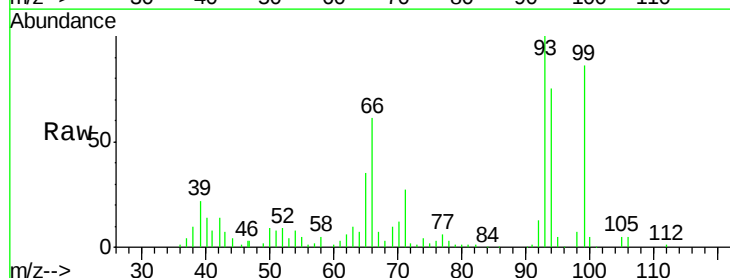
Tgt Ion: 93 Resp: 148517

Ion Ratio Lower Upper

93 100

66 60.9 32.2 48.2#

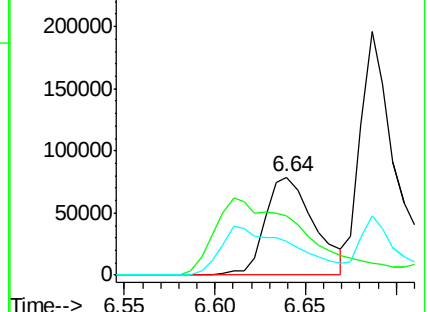
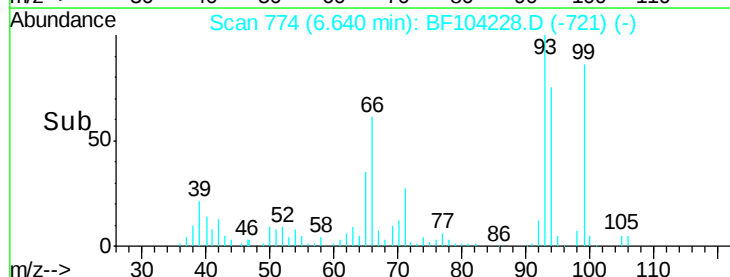
65 34.7 16.4 24.6#

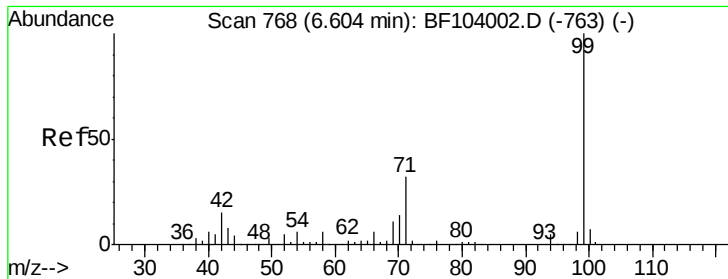


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 116.589 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

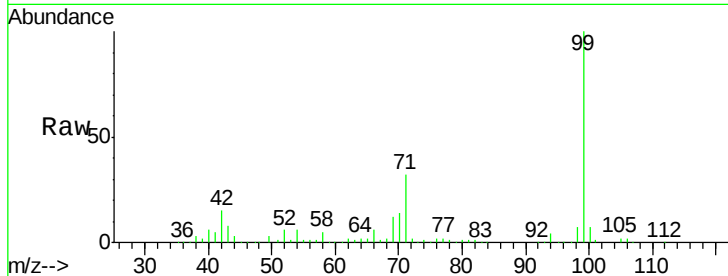
Tot Ion: 99 Resp: 985761

Ion Ratio Lower Upper

99 100

42 14.9 14.5 21.7

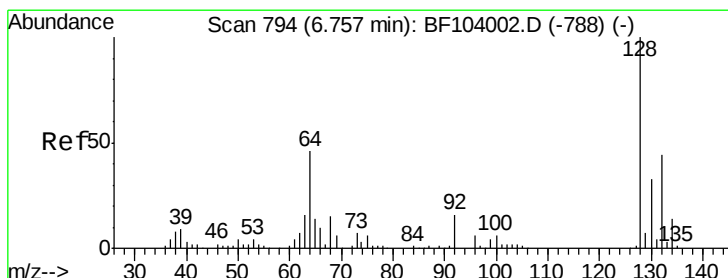
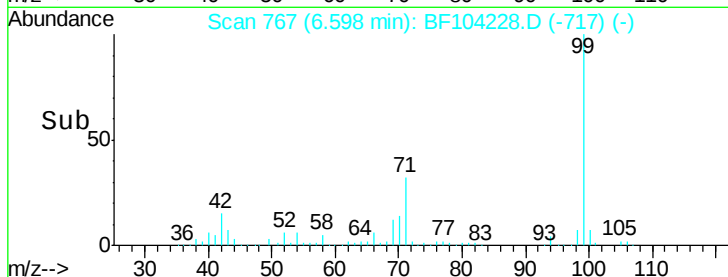
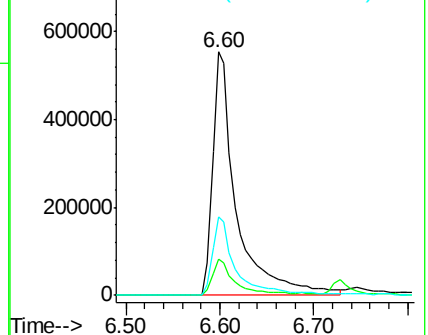
71 32.2 25.4 38.0



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: 41.084 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

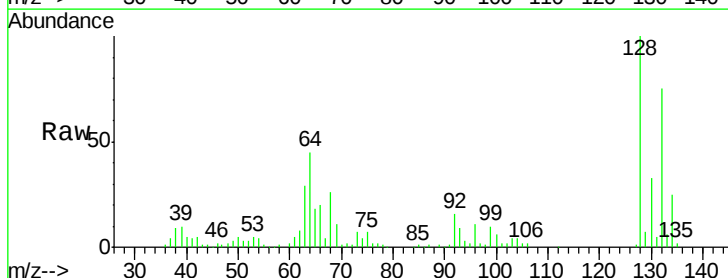
Tgt Ion:128 Resp: 309711

Ion Ratio Lower Upper

128 100

130 32.7 13.0 53.0

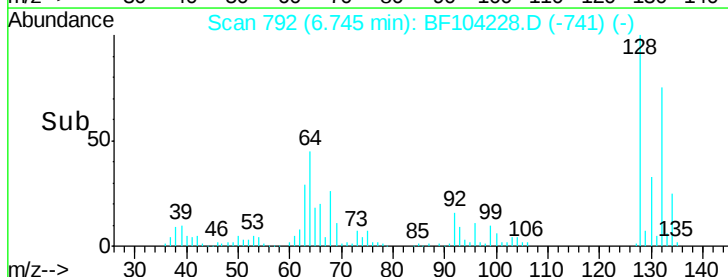
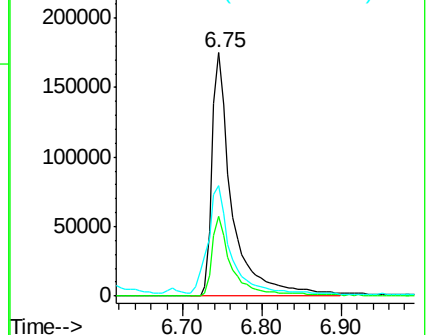
64 45.5 29.4 69.4

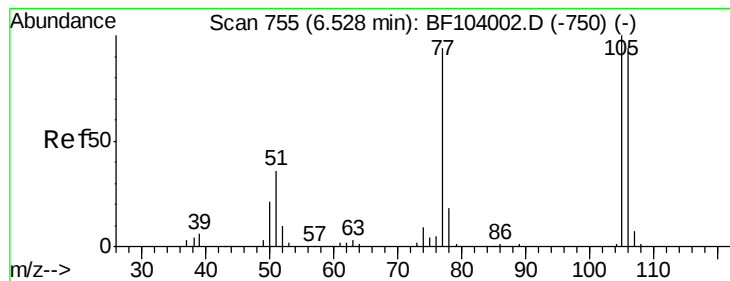


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 8.655 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.02 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

Instrument :

BNA_F

ClientSampled :

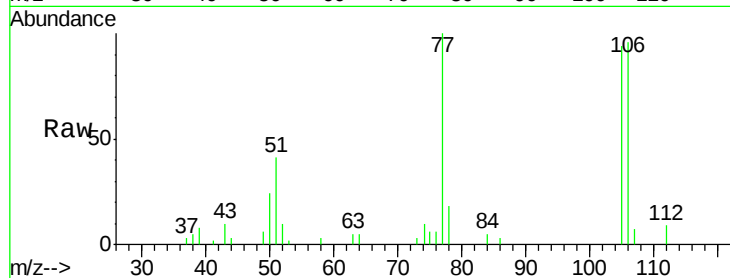
Tot Ion: 77 Resp: 49334

Ion Ratio Lower Upper

77 100

105 93.6 81.1 121.1

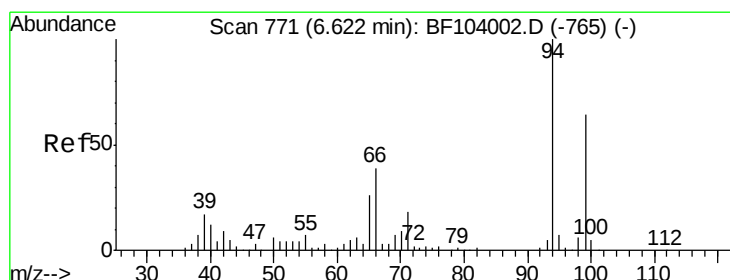
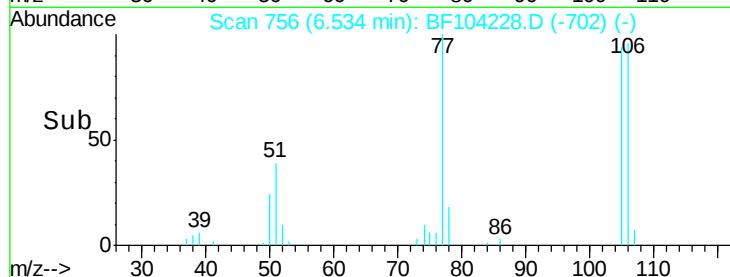
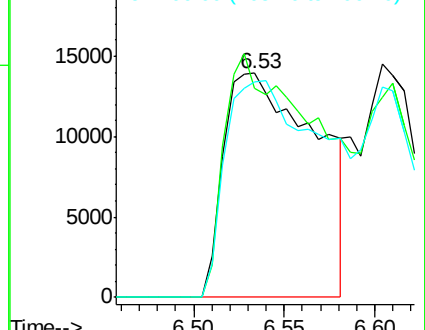
106 96.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.564 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

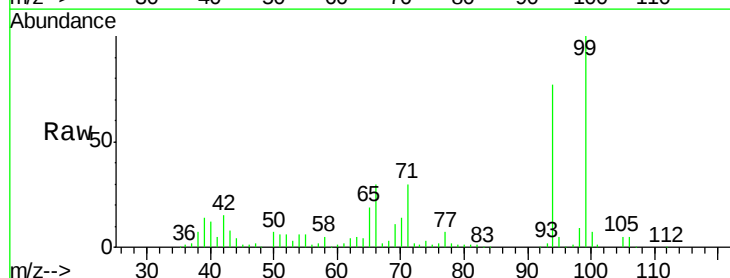
Tgt Ion: 94 Resp: 398751

Ion Ratio Lower Upper

94 100

65 25.0 7.9 47.9

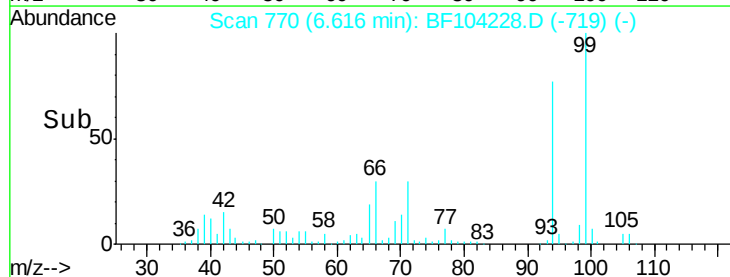
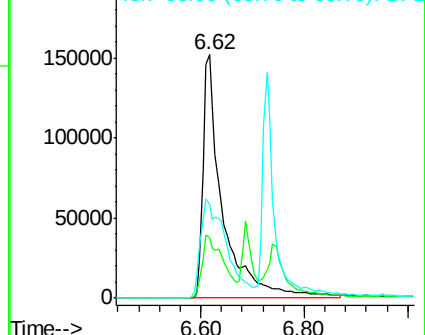
66 38.7 16.2 56.2

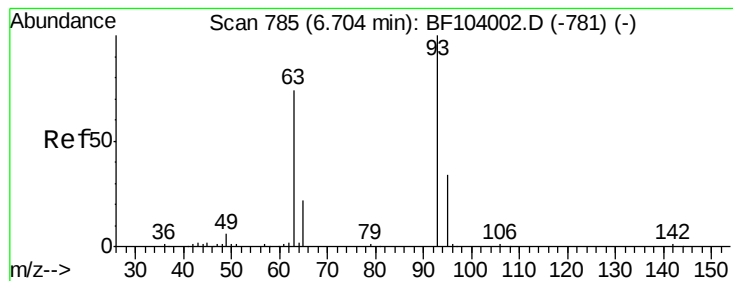


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

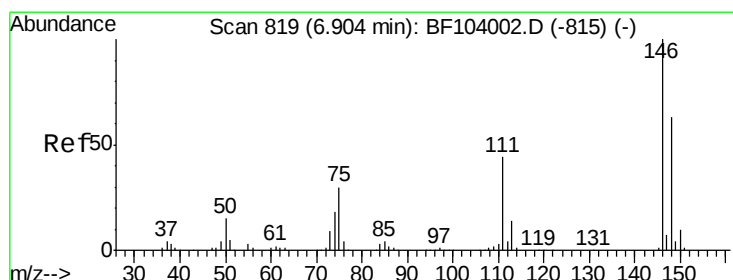
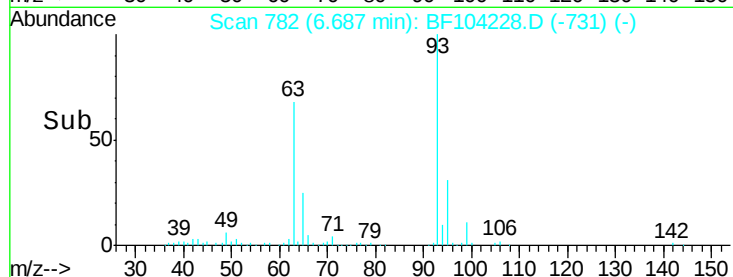
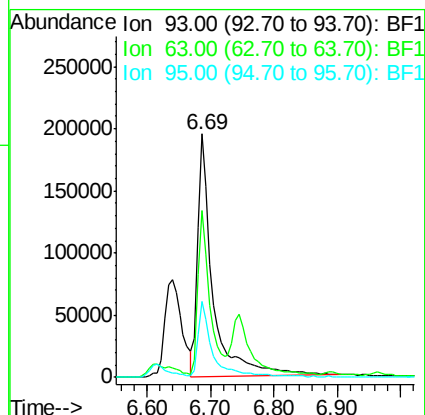
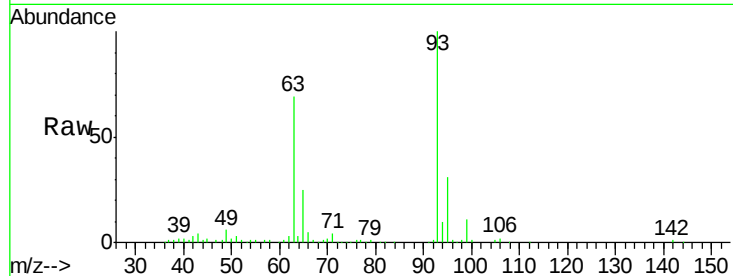




#11
bis(2-Chloroethyl)ether
Concen: 39.555 ng
RT: 6.69 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

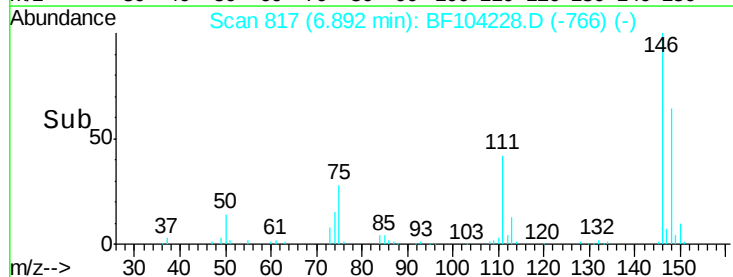
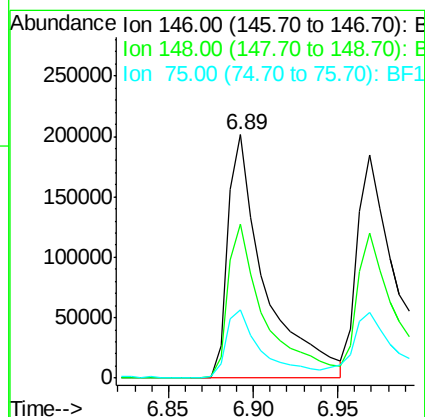
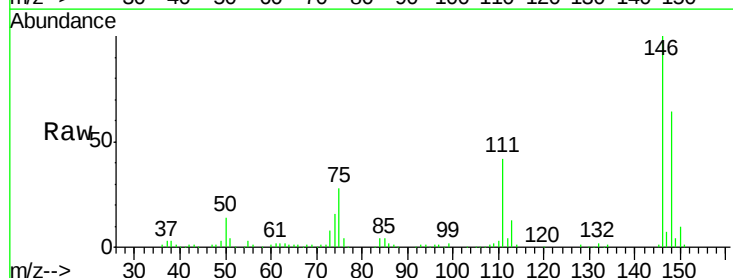
Instrument :
BNA_F
ClientSampleId :

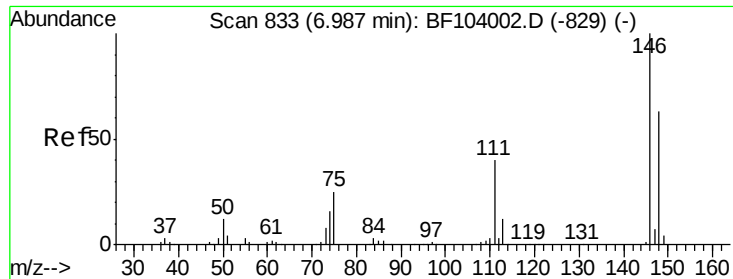
Tot Ion: 93 Resp: 319315
Ion Ratio Lower Upper
93 100
63 68.5 58.6 98.6
95 31.0 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 36.077 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Tgt Ion: 146 Resp: 305716
Ion Ratio Lower Upper
146 100
148 63.5 51.8 77.8
75 28.0 24.2 36.4

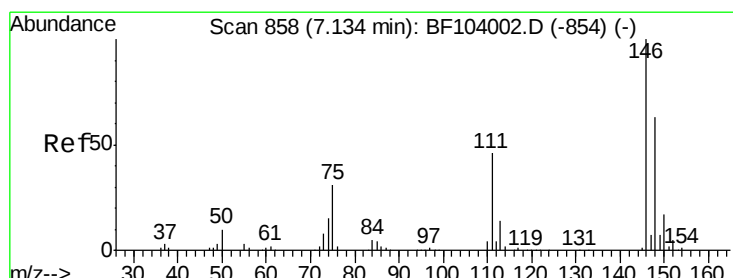
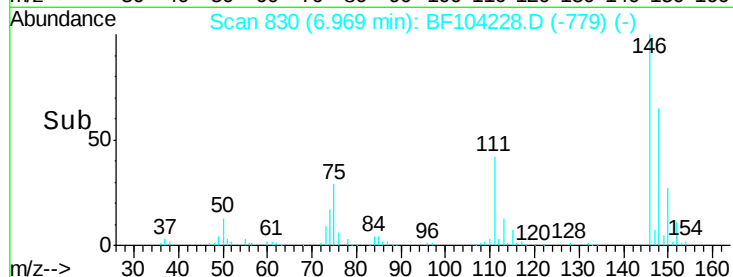
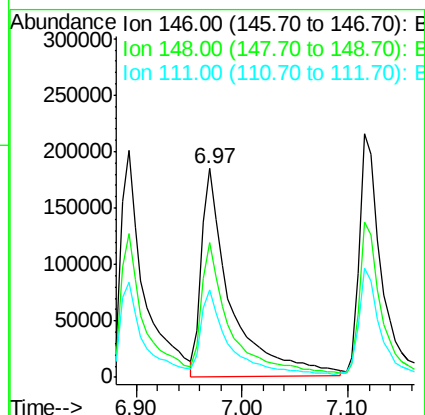
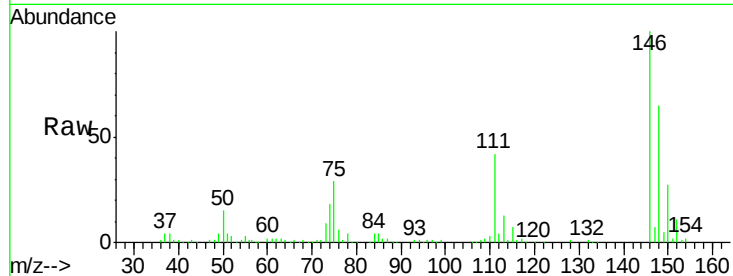




#13
 1,4-Dichlorobenzene
 Concen: 38.797 ng
 RT: 6.97 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF104228.D
 Acq: 4 Apr 2018 16:36

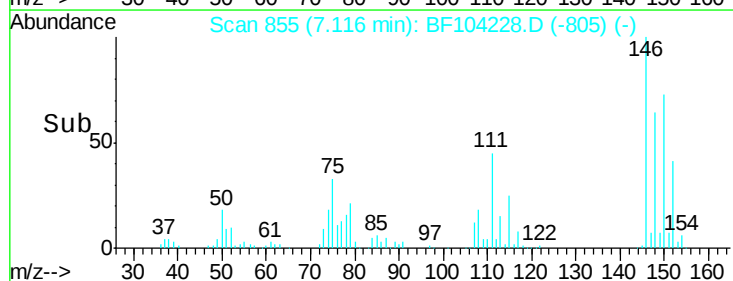
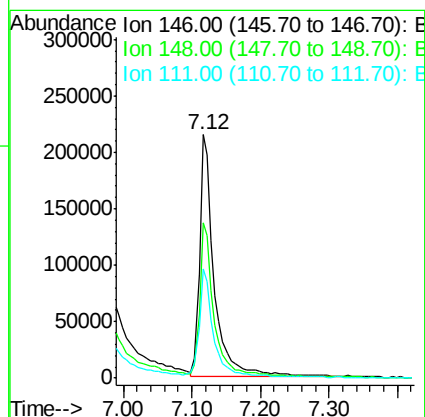
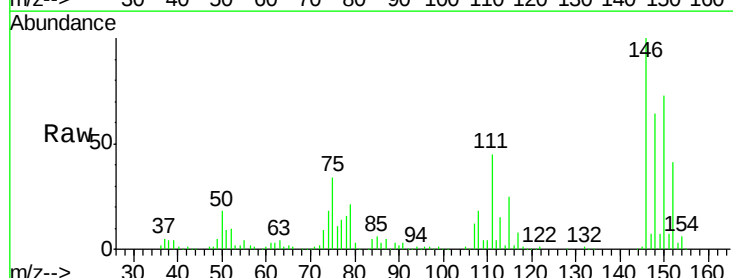
Instrument :
 BNA_F
 ClientSampled :

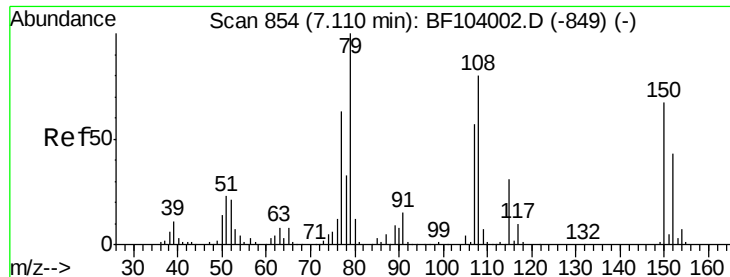
Tot Ion:146 Resp: 352275
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.8 76.2
 111 41.9 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 39.101 ng
 RT: 7.12 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: BF104228.D
 Acq: 4 Apr 2018 16:36

Tgt Ion:146 Resp: 319111
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.6 75.8
 111 44.6 36.0 54.0





#15

Benzyl Alcohol

Concen: 37.024 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

Instrument :
BNA_F
ClientSampleId :

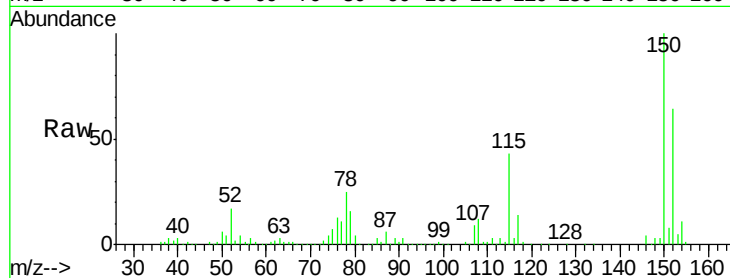
Tot Ion: 79 Resp: 203533

Ion Ratio Lower Upper

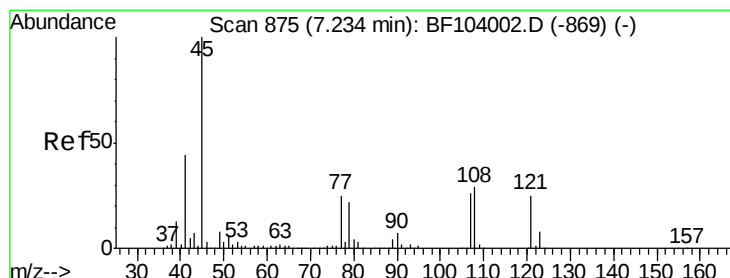
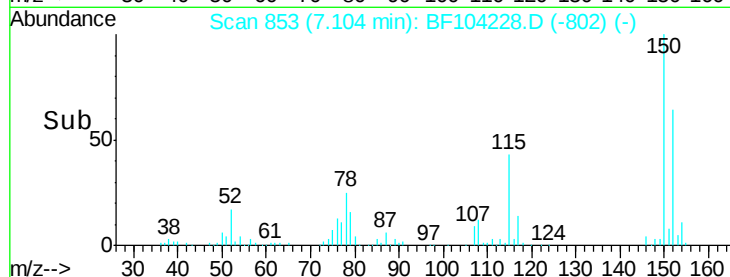
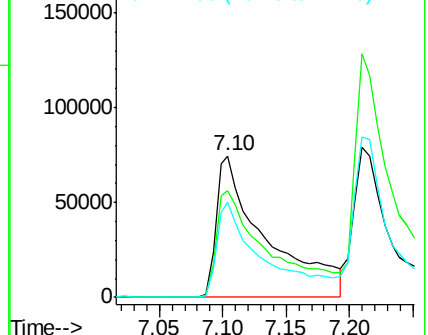
79 100

108 75.9 65.1 97.7

77 67.0 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: 39.090 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

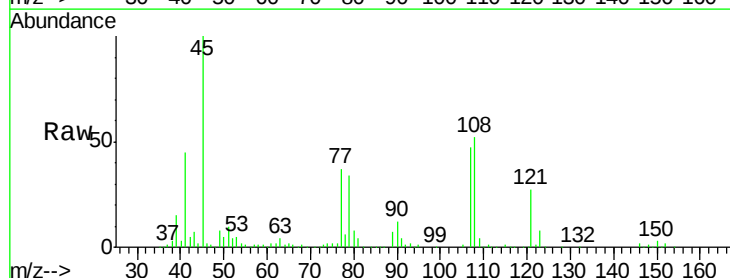
Tgt Ion: 45 Resp: 343794

Ion Ratio Lower Upper

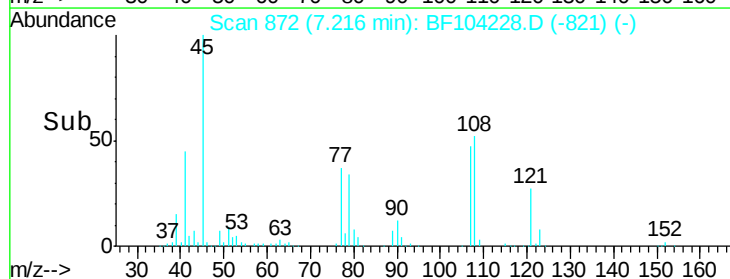
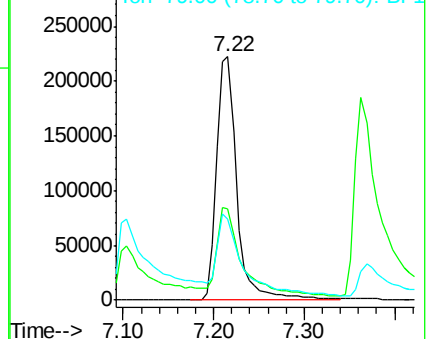
45 100

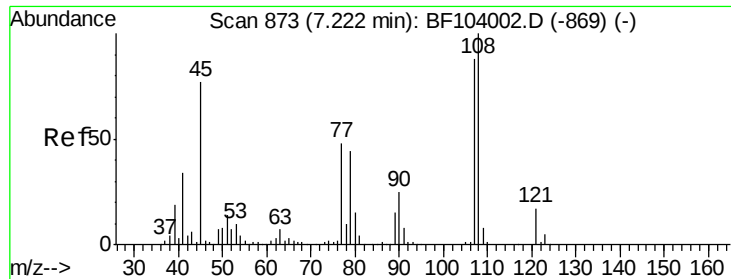
77 37.4 0.0 32.9#

79 33.5 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: 38.621 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 236963

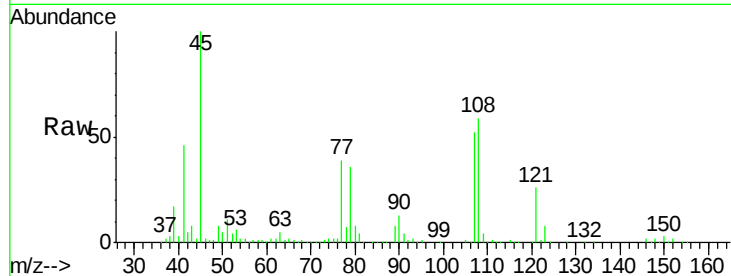
Ion Ratio Lower Upper

107 100

108 114.1 91.7 137.5

77 75.1 33.8 50.8#

79 70.2 33.8 50.8#

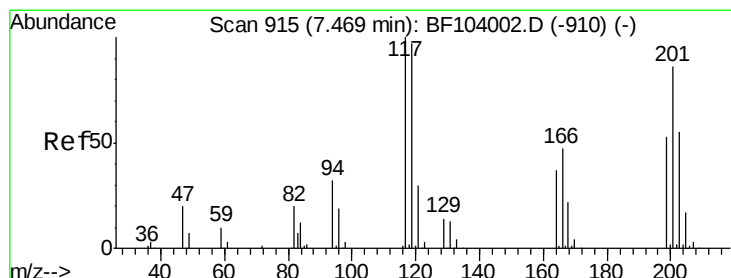
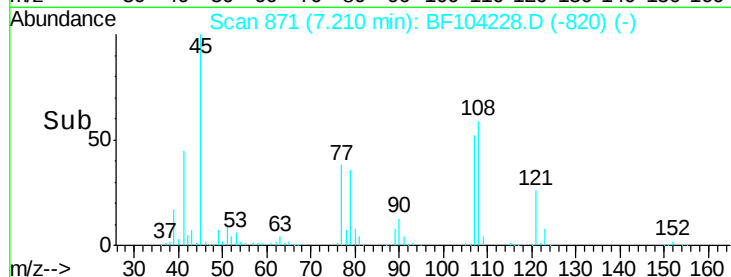
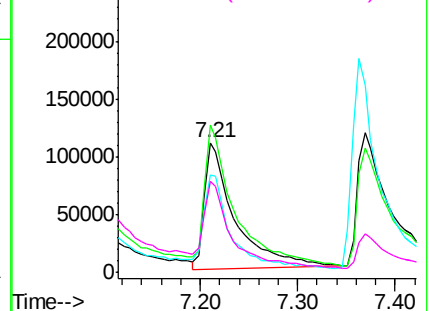


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 39.030 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.00 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

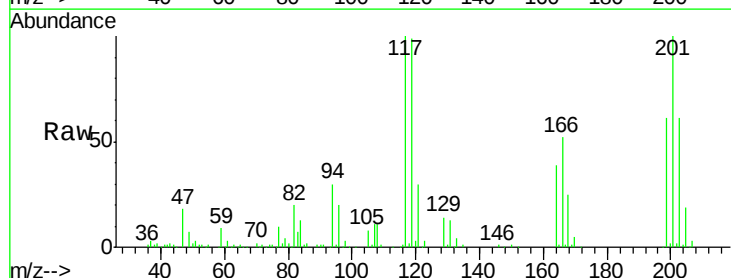
Tgt Ion:117 Resp: 118656

Ion Ratio Lower Upper

117 100

119 98.5 75.8 113.8

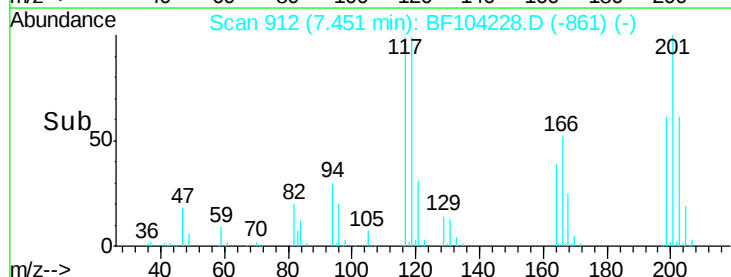
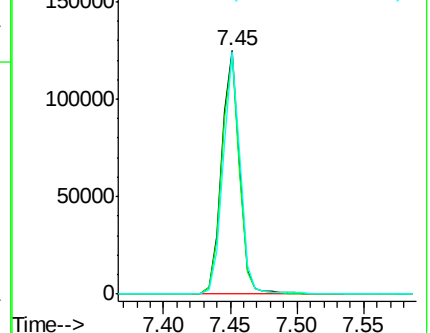
201 99.5 75.7 113.5

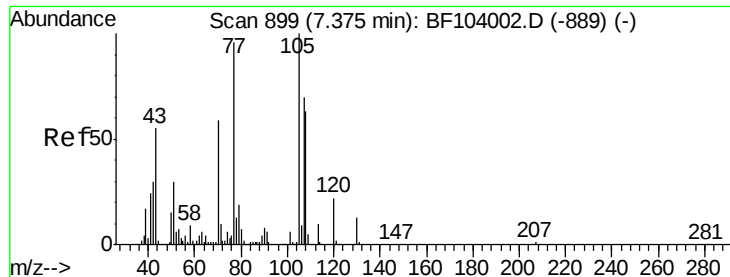


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

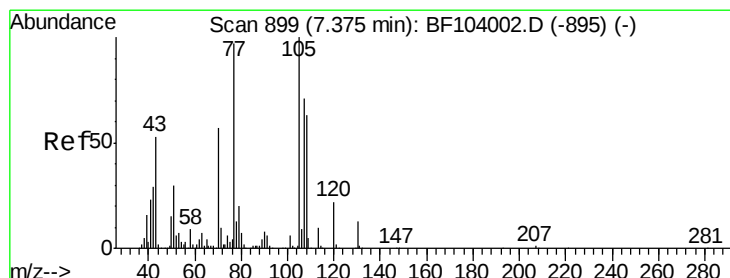
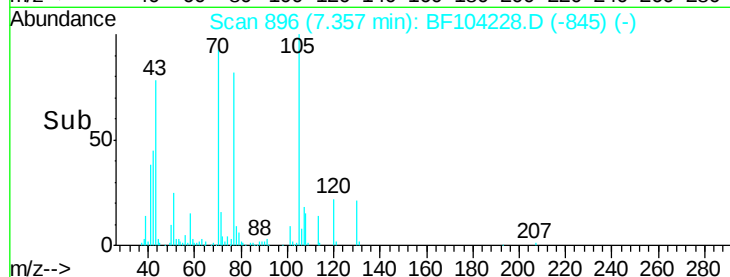
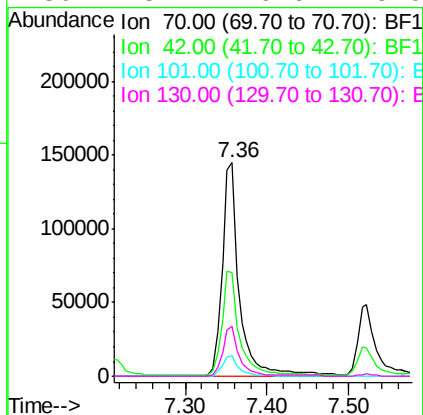
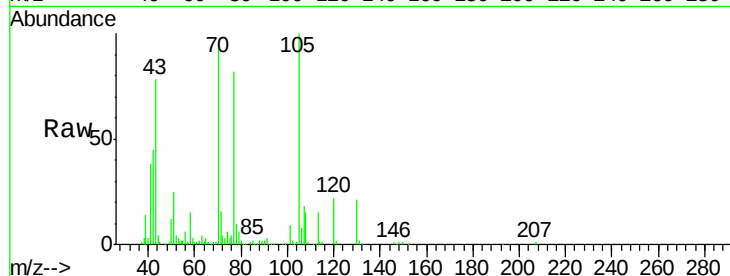




#19
n-Nitroso-di-n-propylamine
Concen: 42.278 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

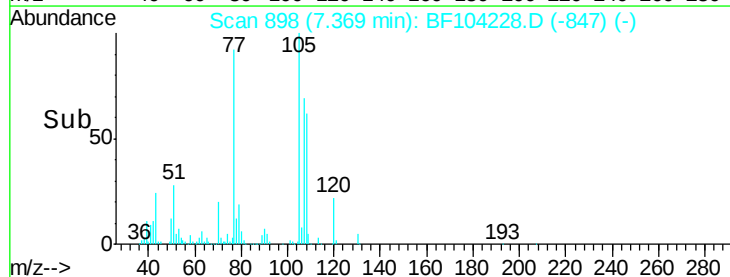
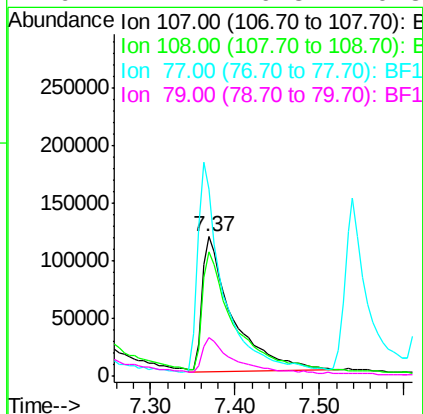
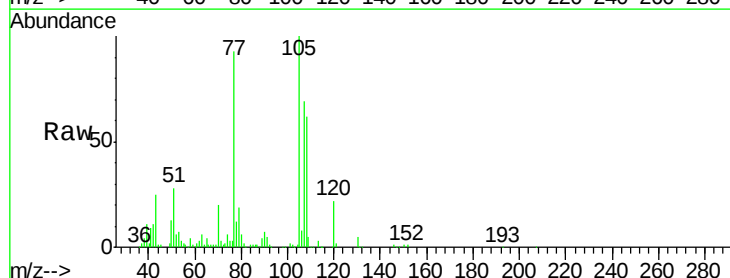
Instrument :
BNA_F
ClientSampleId :

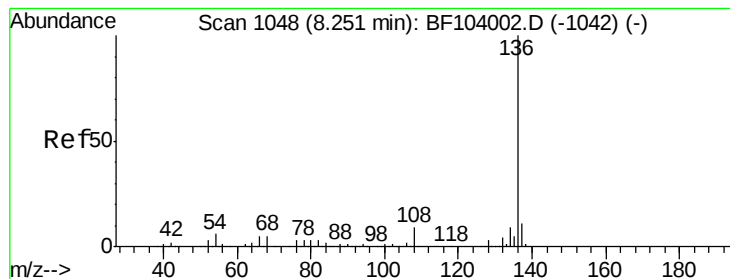
Tot Ion: 70 Resp: 212139
Ion Ratio Lower Upper
70 100
42 48.7 47.5 71.3
101 9.9 7.4 11.2
130 23.1 16.6 25.0



#20
3+4-Methylphenols
Concen: 38.099 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Tgt Ion: 107 Resp: 298340
Ion Ratio Lower Upper
107 100
108 89.4 68.2 108.2
77 133.9 26.7 66.7#
79 27.4 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: BF104228.D

Acq: 4 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 471052

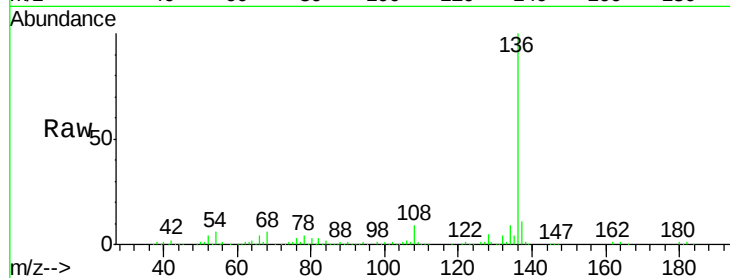
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.5 6.6 9.8#

68 5.9 5.0 7.4

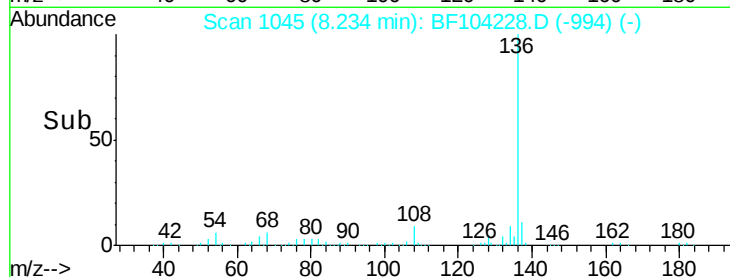


Abundance Ion 136.00 (135.70 to 136.70): E

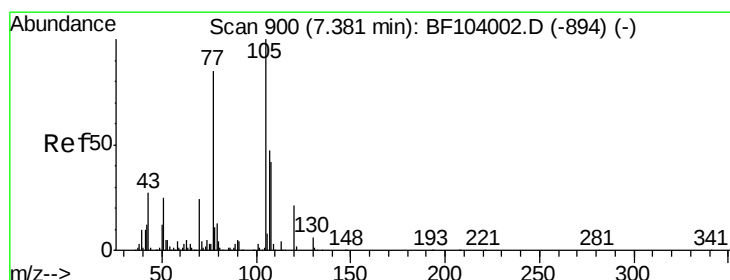
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 38.162 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

Tgt Ion:105 Resp: 434929

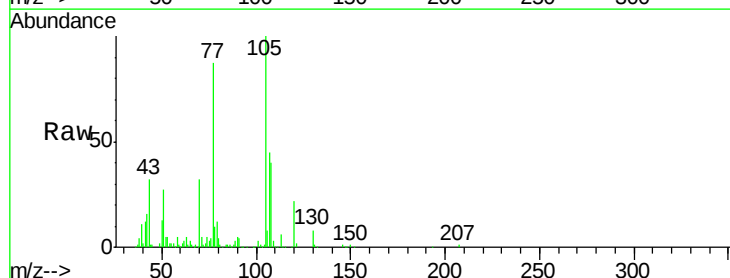
Ion Ratio Lower Upper

105 100

71 5.0 4.4 6.6

51 26.7 22.3 33.5

120 22.0 16.9 25.3

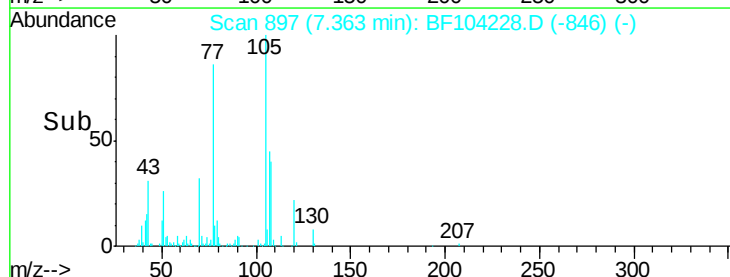


Abundance Ion 105.00 (104.70 to 105.70): E

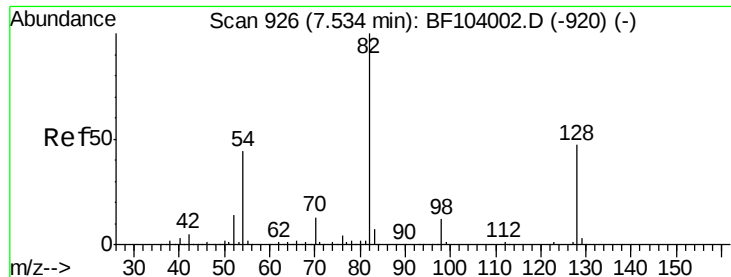
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



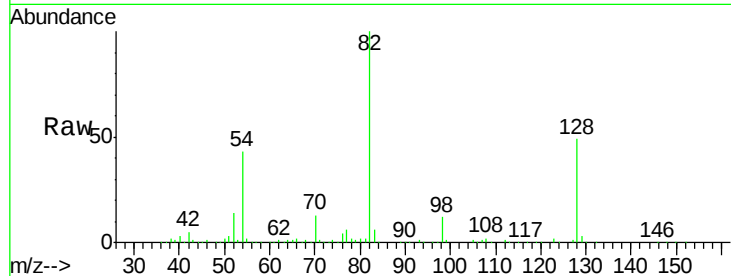
Time-->



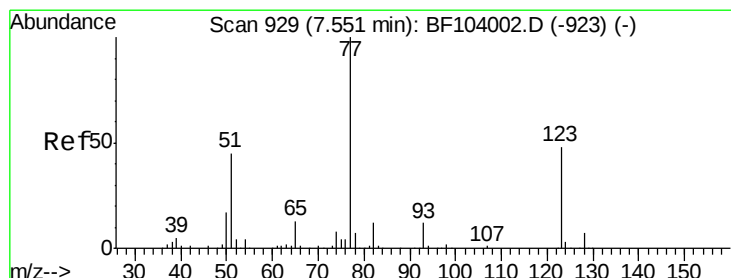
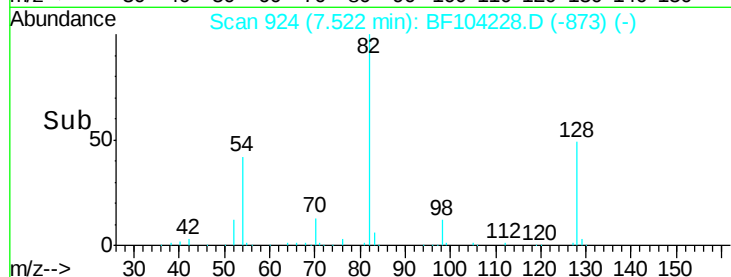
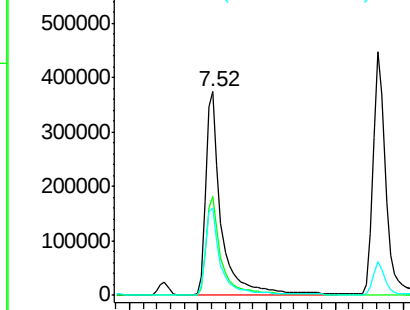
#23
Nitrobenzene-d5
Concen: 79.057 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Instrument :
BNA_F
ClientSampleID :

Tot Ion: 82 Resp: 608942
Ion Ratio Lower Upper
82 100
128 48.8 36.1 54.1
54 43.0 41.4 62.2

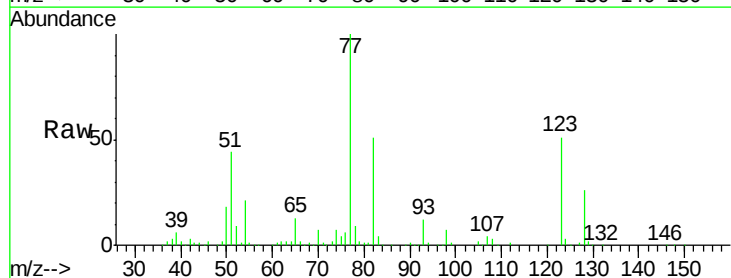


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

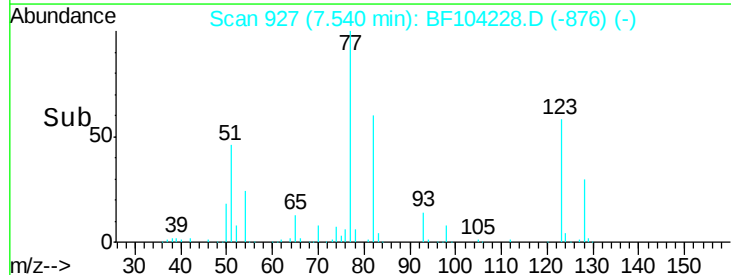
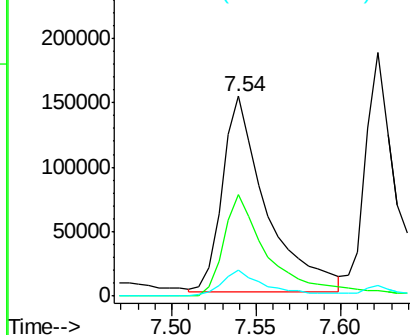


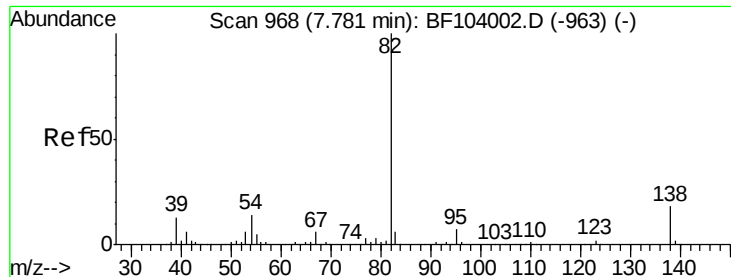
#24
Nitrobenzene
Concen: 33.790 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Tgt Ion: 77 Resp: 273846
Ion Ratio Lower Upper
77 100
123 50.6 37.9 56.9
65 12.8 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: 41.760 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

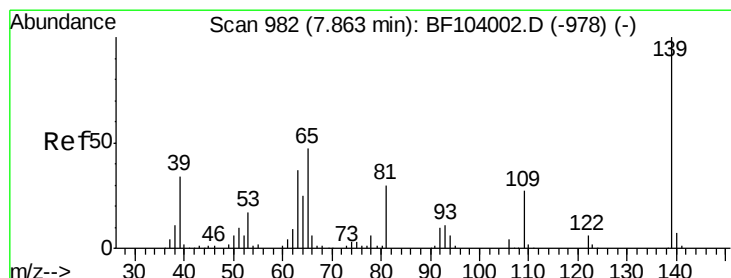
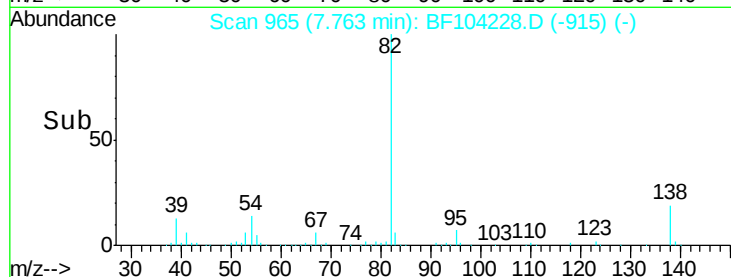
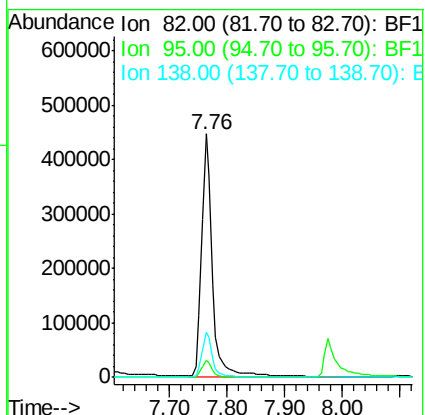
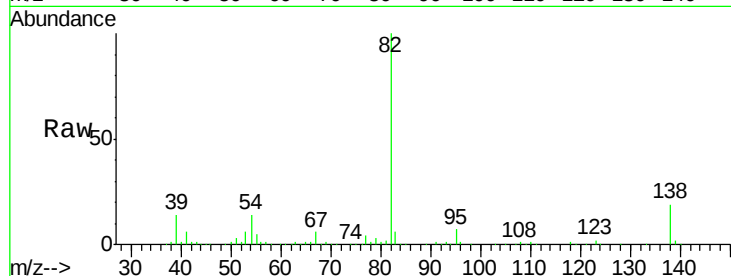
Tot Ion: 82 Resp: 592785

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

138 18.5 14.9 22.3



#26

2-Nitrophenol

Concen: 40.094 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

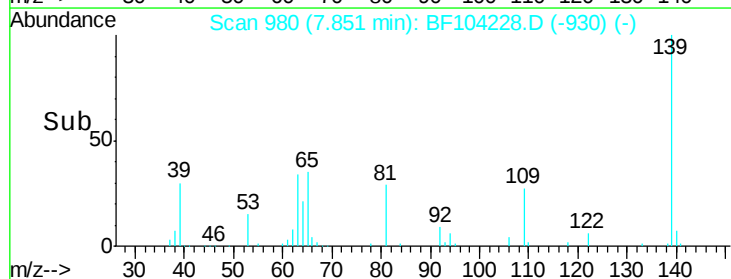
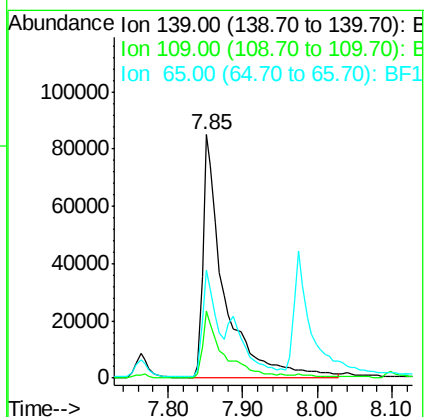
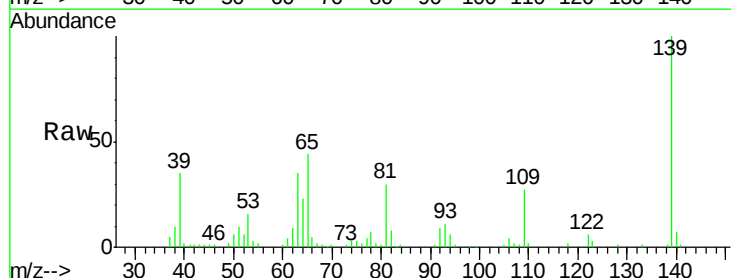
Tgt Ion: 139 Resp: 169612

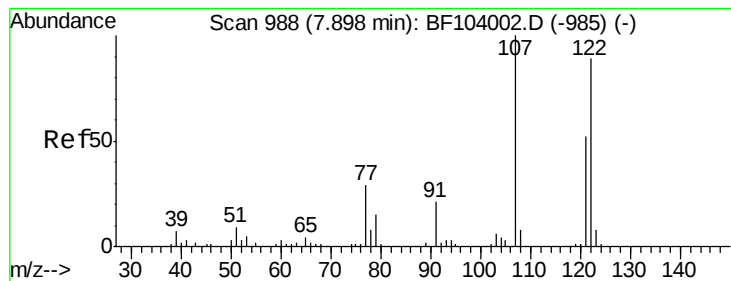
Ion Ratio Lower Upper

139 100

109 27.2 22.7 34.1

65 44.1 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 43.062 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

Instrument :

BNA_F

ClientSampled :

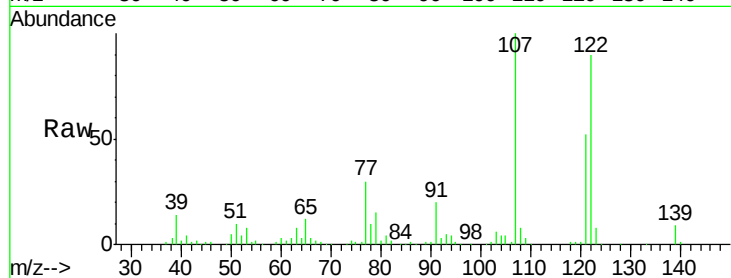
Tot Ion:122 Resp: 262723

Ion Ratio Lower Upper

122 100

107 111.2 91.2 136.8

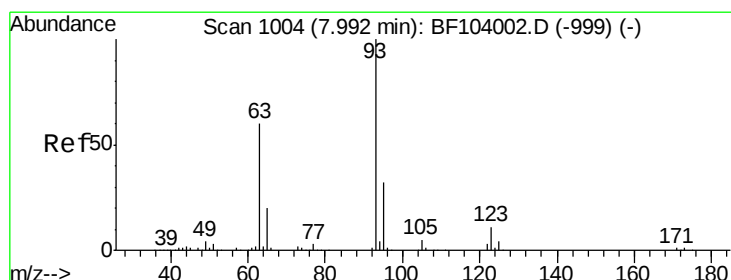
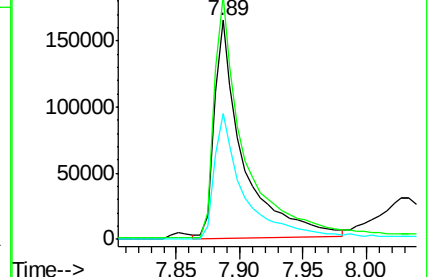
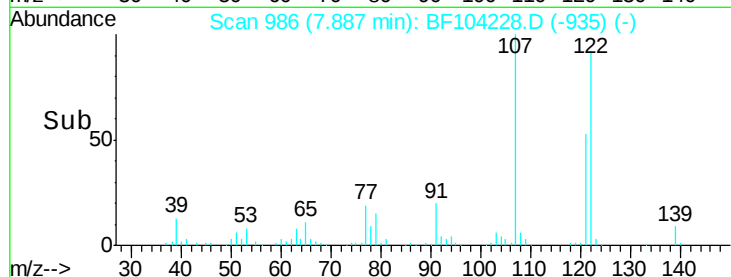
121 57.6 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.067 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

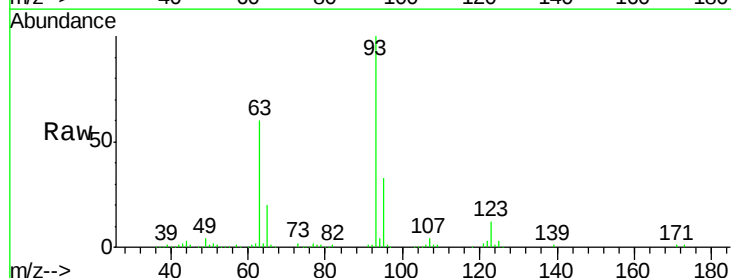
Tgt Ion: 93 Resp: 365365

Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

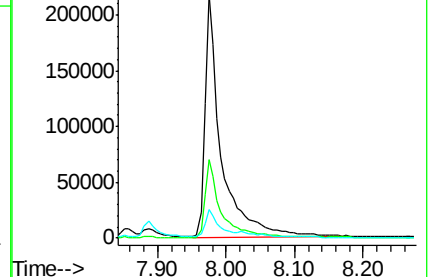
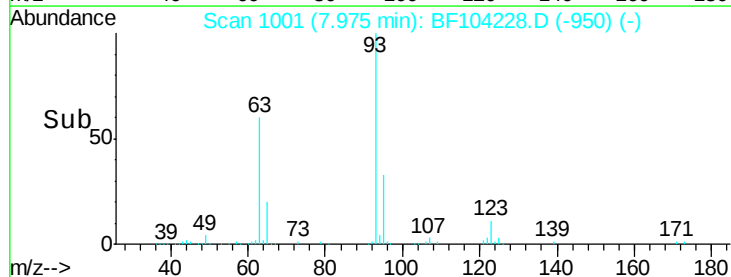
123 11.8 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

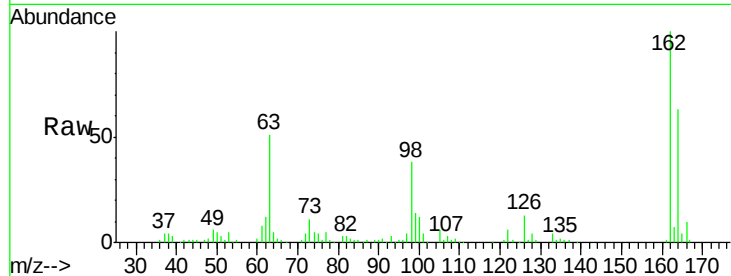




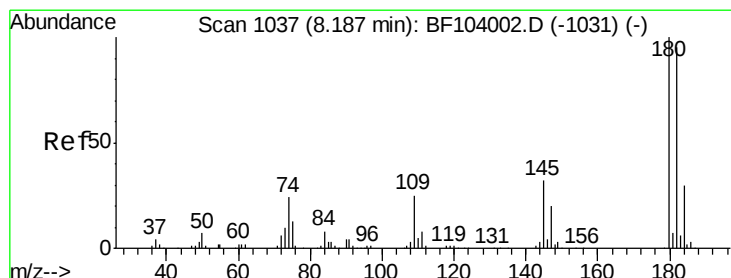
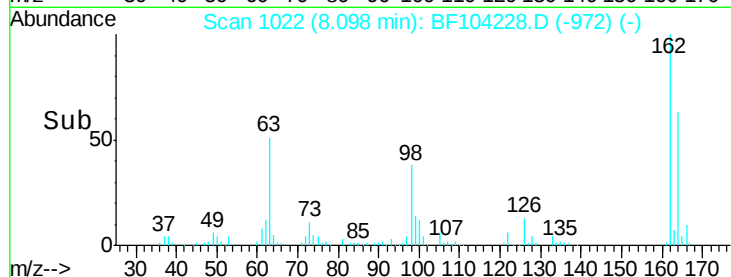
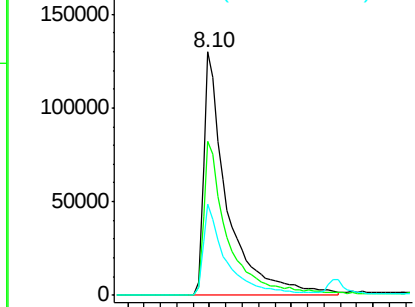
#29
 2,4-Dichlorophenol
 Concen: 40.992 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BF104228.D
 Acq: 4 Apr 2018 16:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 261227
 Ion Ratio Lower Upper
 162 100
 164 63.1 42.7 82.7
 98 37.6 18.1 58.1

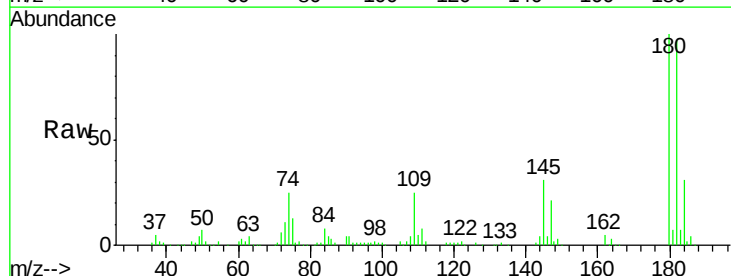


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

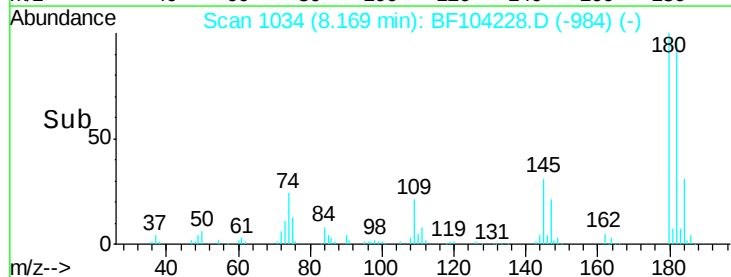
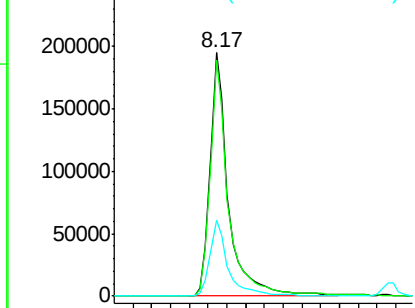


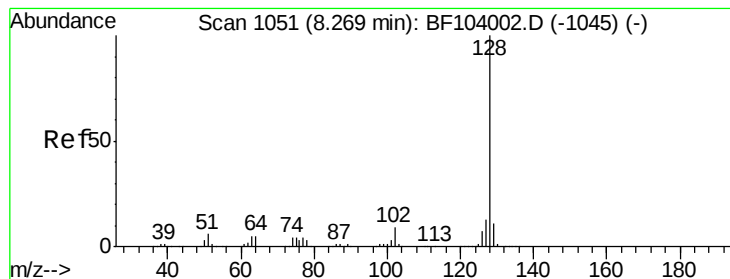
#30
 1,2,4-Trichlorobenzene
 Concen: 37.418 ng
 RT: 8.17 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF104228.D
 Acq: 4 Apr 2018 16:36

Tgt Ion:180 Resp: 270549
 Ion Ratio Lower Upper
 180 100
 182 96.8 76.8 115.2
 145 31.3 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: 40.814 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

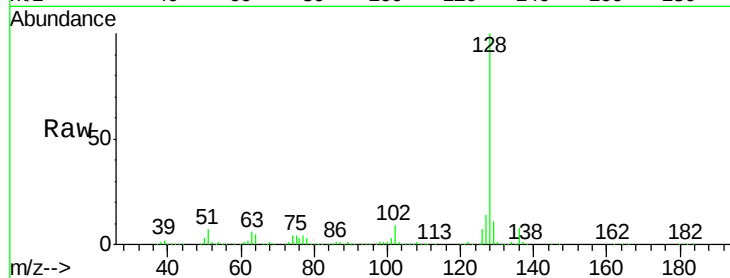
Tot Ion:128 Resp: 939229

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

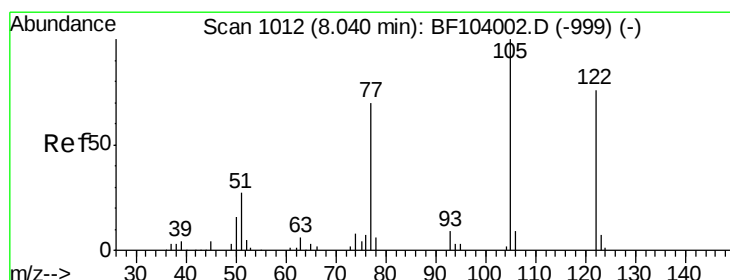
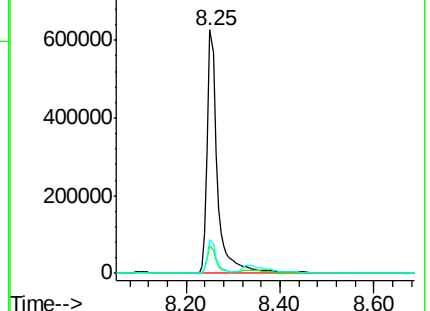
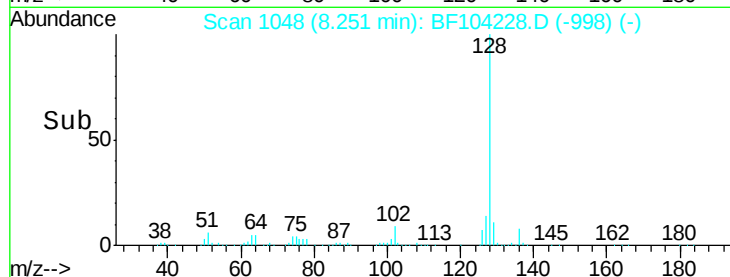
127 13.7 10.9 16.3



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: 28.053 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

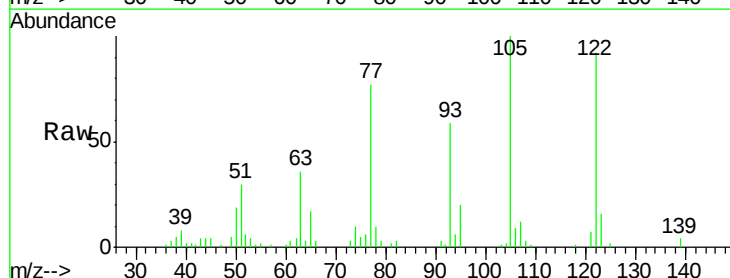
Tgt Ion:122 Resp: 125382

Ion Ratio Lower Upper

122 100

105 109.2 101.1 141.1

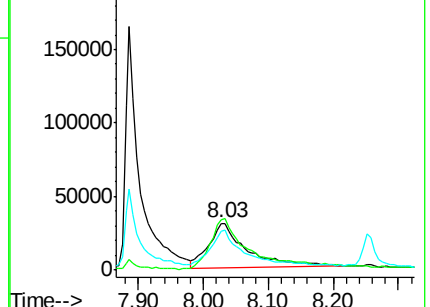
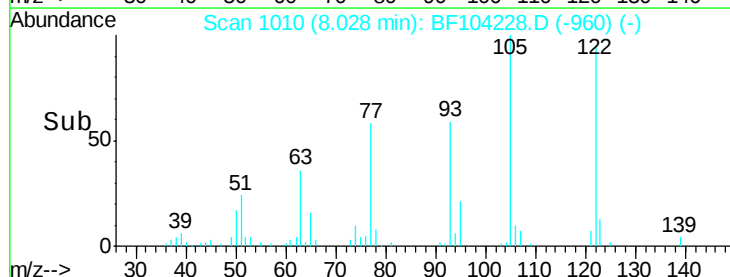
77 84.3 70.7 110.7

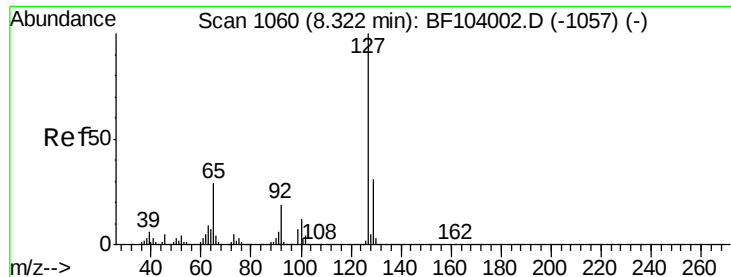


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

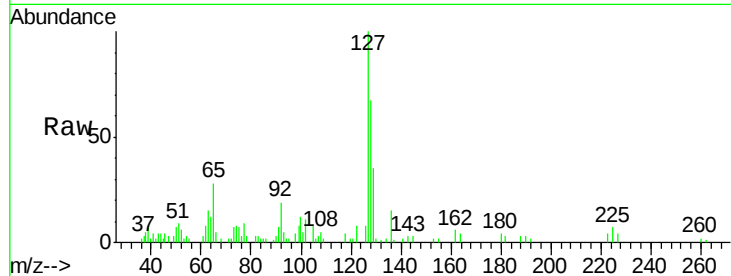




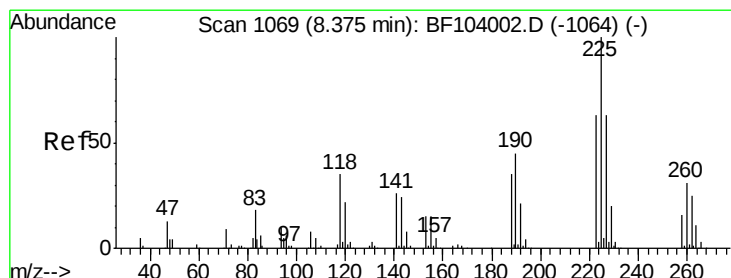
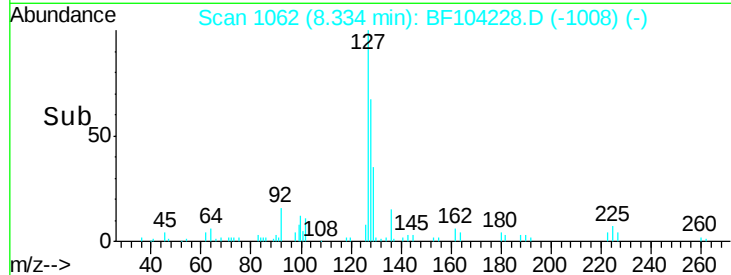
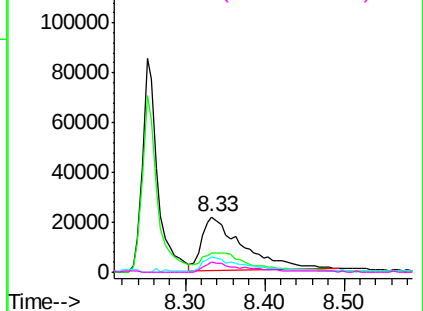
#33
4-Chloroaniline
Concen: 8.009 ng
RT: 8.33 min Scan# 1062
Delta R.T. 0.02 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 77699
Ion Ratio Lower Upper
127 100
129 35.4 25.9 38.9
65 27.6 25.0 37.4
92 19.2 15.2 22.8

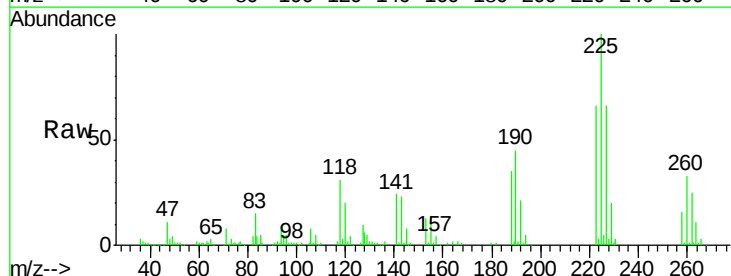


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

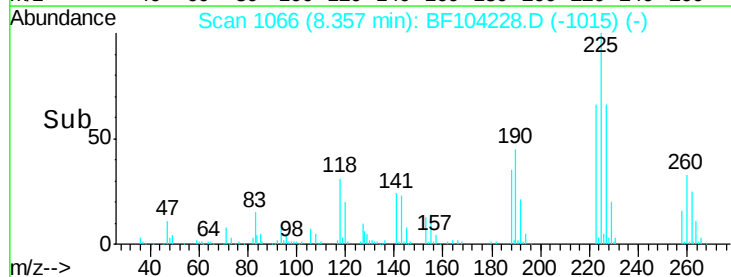
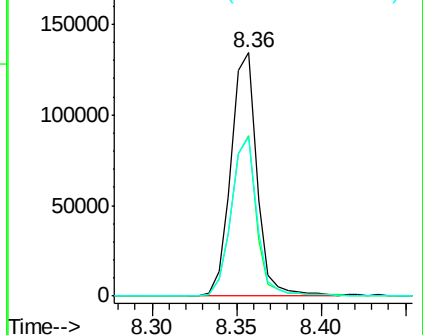


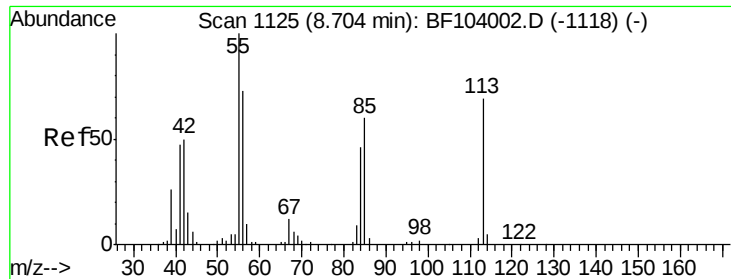
#34
Hexachlorobutadiene
Concen: 36.619 ng
RT: 8.36 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Tgt Ion:225 Resp: 144081
Ion Ratio Lower Upper
225 100
223 65.8 50.6 76.0
227 65.6 51.9 77.9



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

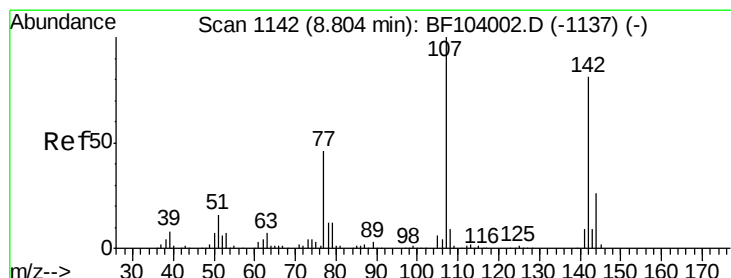
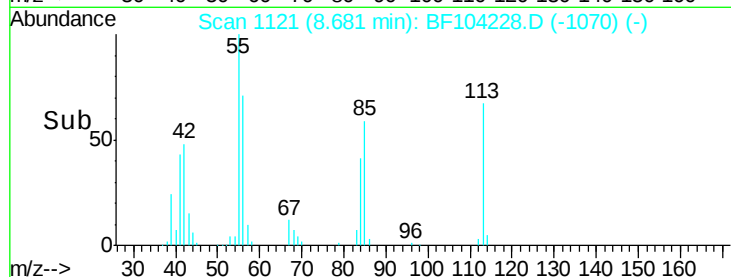
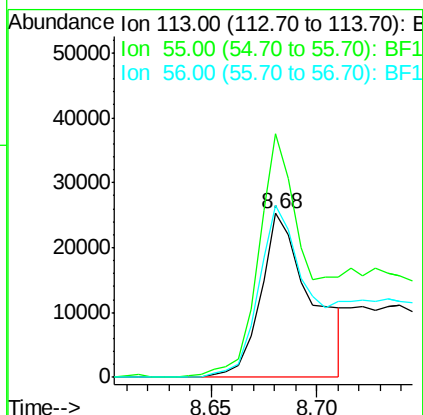
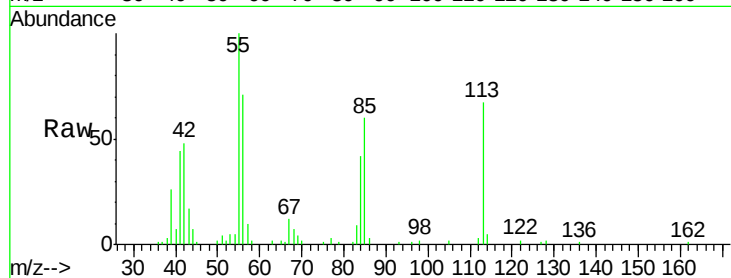




#35
Caprolactam
Concen: 20.778 ng
RT: 8.68 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

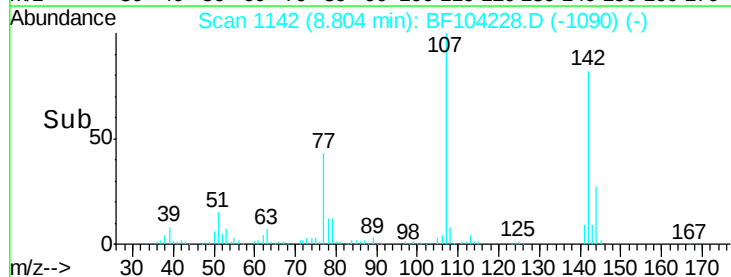
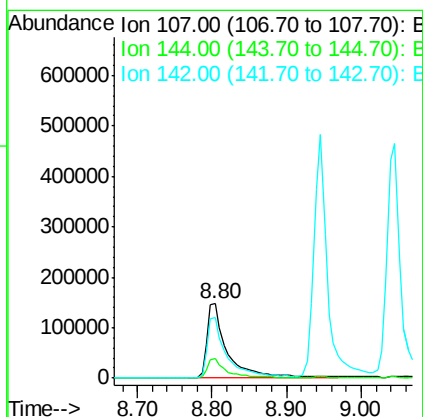
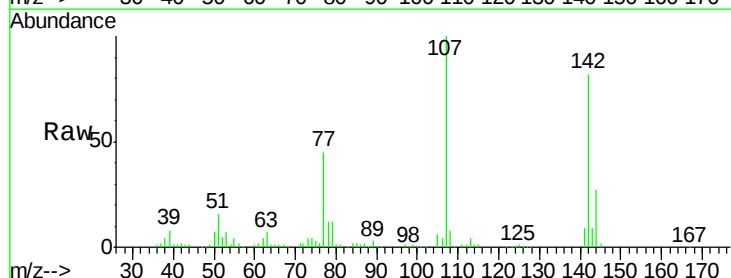
Instrument :
BNA_F
ClientSampleId :

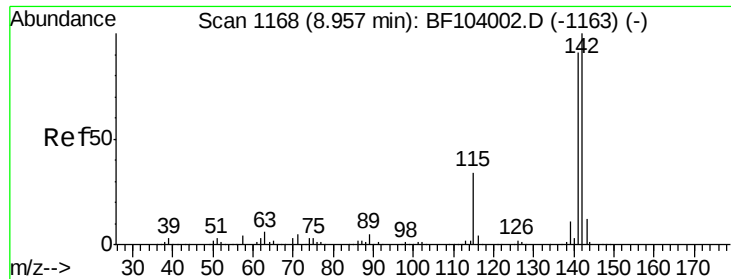
Tot Ion:113 Resp: 41984
Ion Ratio Lower Upper
113 100
55 148.8 163.3 203.3#
56 104.9 115.7 155.7#



#36
4-Chloro-3-methylphenol
Concen: 42.347 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Tgt Ion:107 Resp: 285434
Ion Ratio Lower Upper
107 100
144 26.7 20.5 30.7
142 81.8 62.0 93.0

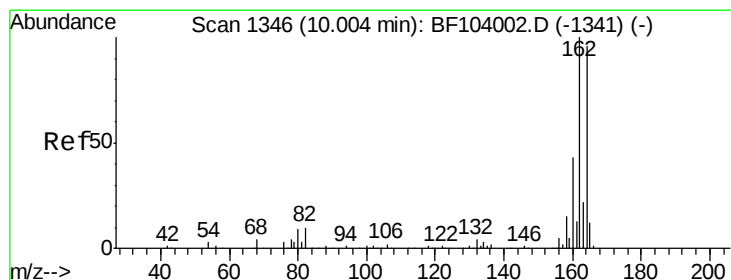
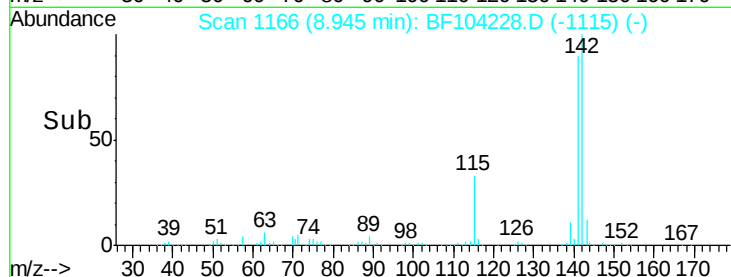
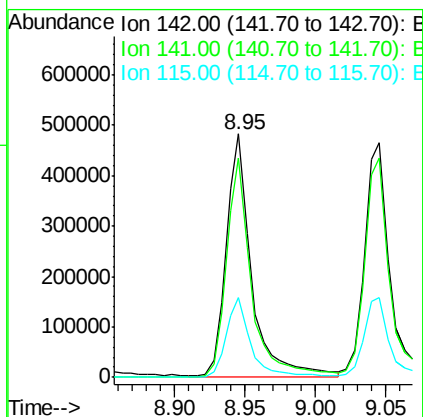
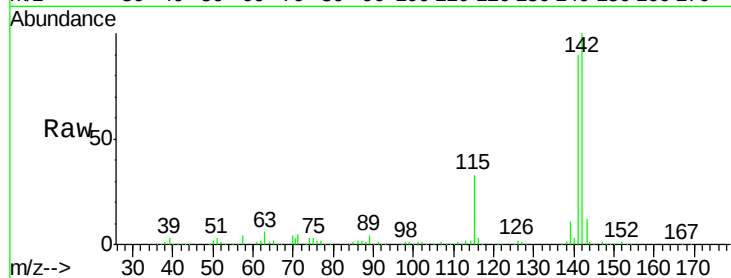




#37
2-Methylnaphthalene
Concen: 39.675 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

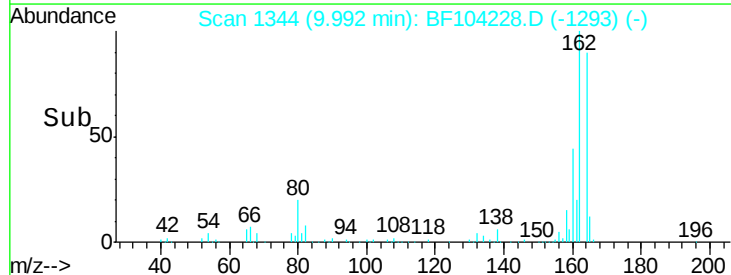
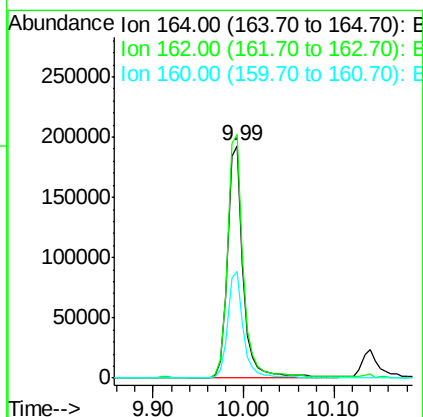
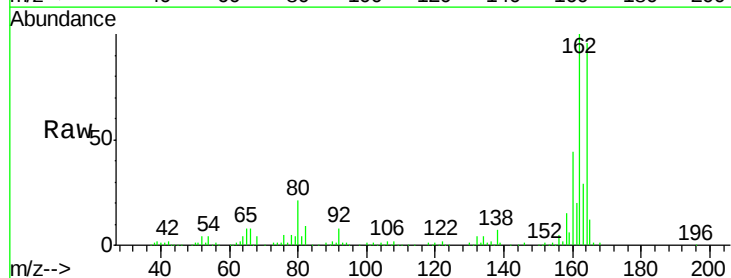
Instrument :
BNA_F
ClientSampleId :

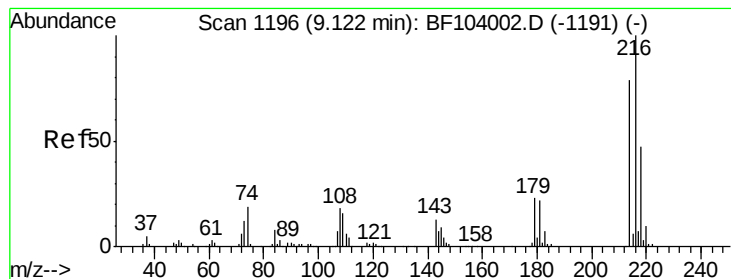
Tot Ion:142 Resp: 601413
Ion Ratio Lower Upper
142 100
141 90.1 70.8 106.2
115 32.8 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Tgt Ion:164 Resp: 231790
Ion Ratio Lower Upper
164 100
162 104.7 86.1 129.1
160 45.6 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.717 ng

RT: 9.11 min Scan# 1194

Delta R.T. 0.00 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 275198

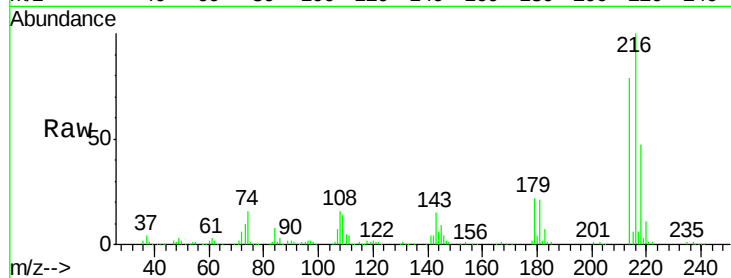
Ion Ratio Lower Upper

216 100

214 79.2 63.0 94.4

179 21.9 18.1 27.1

108 20.4 17.2 25.8

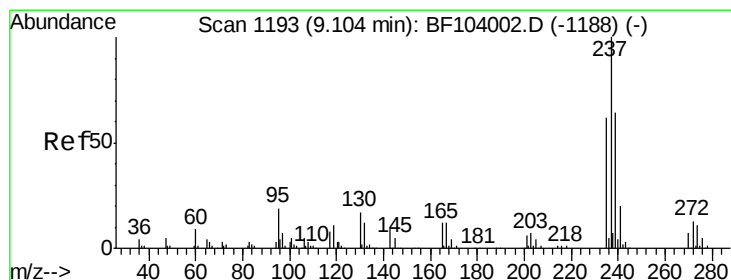
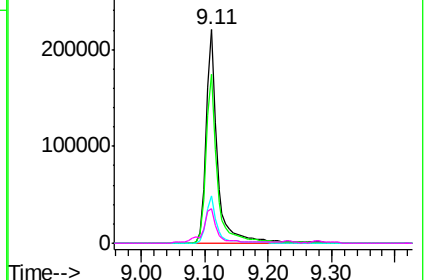
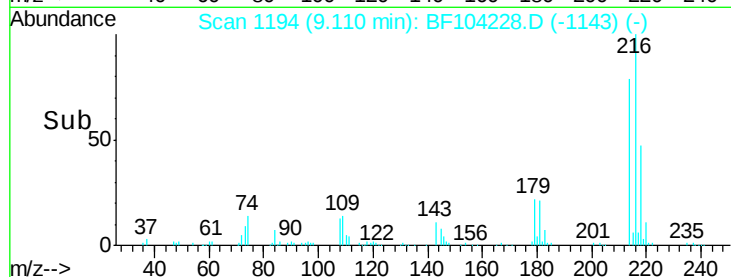


Abundance Ion 216.00 (215.70 to 216.70): E

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: 56.257 ng

RT: 9.09 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

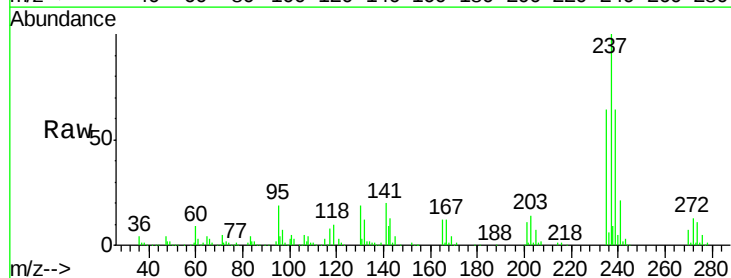
Tgt Ion:237 Resp: 182485

Ion Ratio Lower Upper

237 100

235 63.9 44.8 84.8

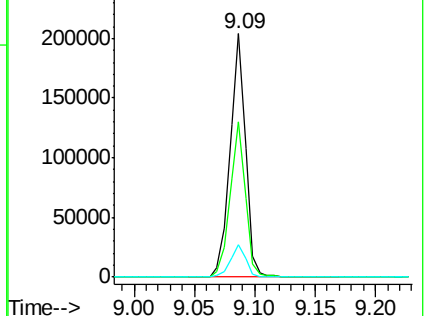
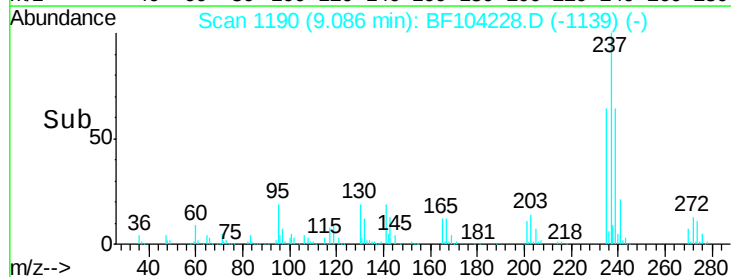
272 13.4 0.0 33.3

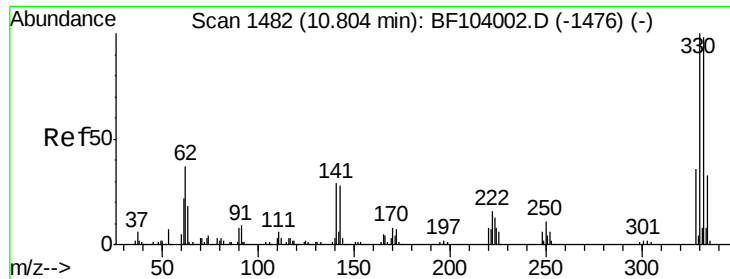


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

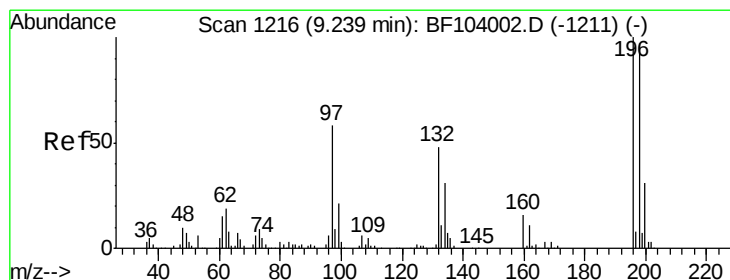
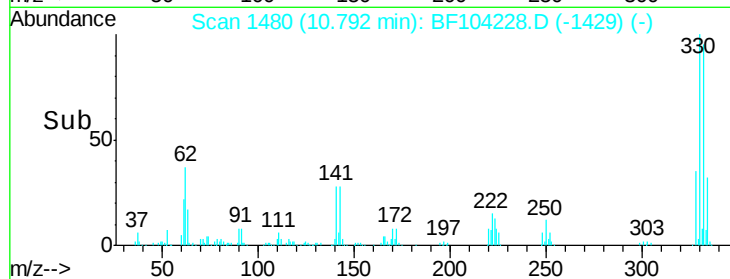
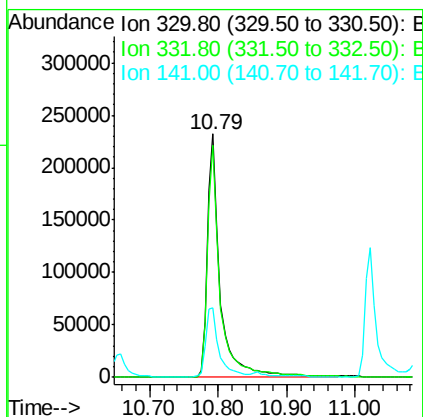
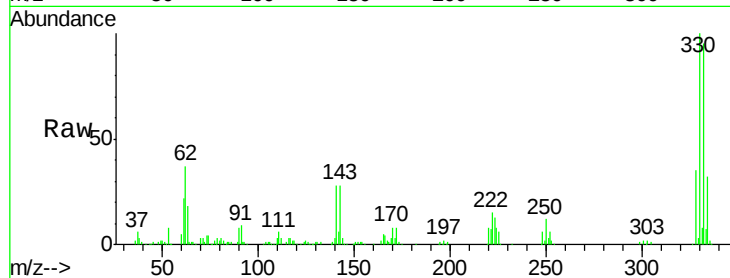




#41
 2,4,6-Tribromophenol
 Concen: 120.752 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF104228.D
 Acq: 4 Apr 2018 16:36

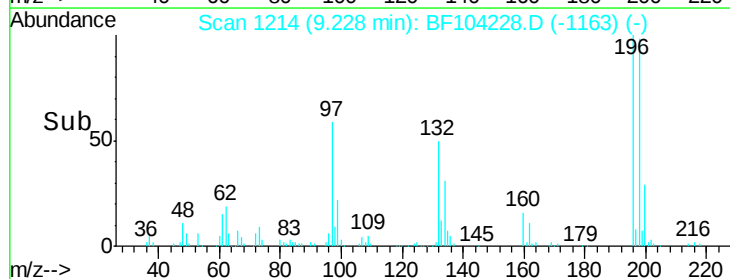
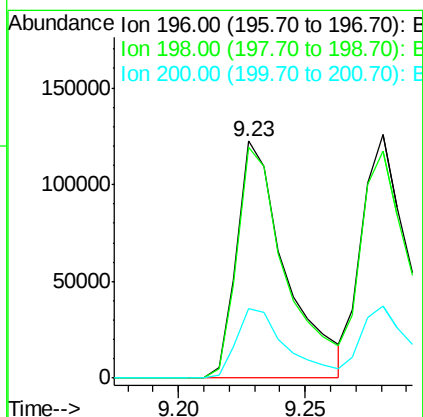
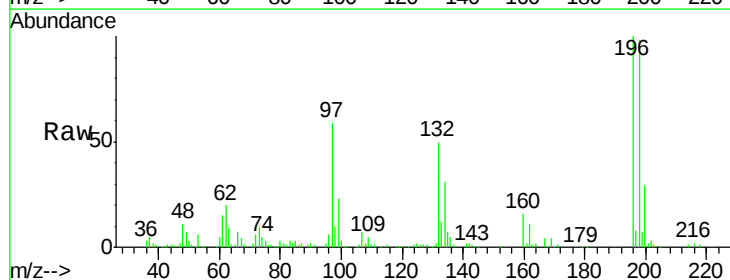
Instrument :
 BNA_F
 ClientSampleId :

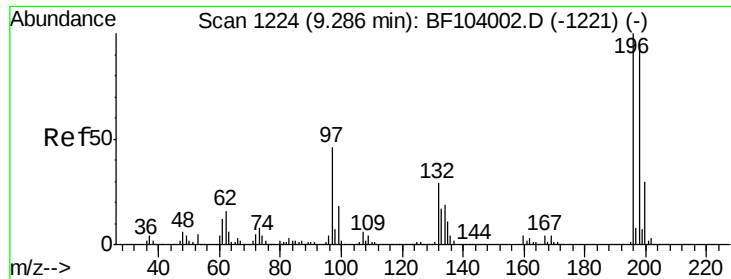
Tot Ion:330 Resp: 311659
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.0 115.6
 141 28.6 29.9 44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 36.572 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF104228.D
 Acq: 4 Apr 2018 16:36

Tgt Ion:196 Resp: 164604
 Ion Ratio Lower Upper
 196 100
 198 97.5 75.7 113.5
 200 29.2 24.5 36.7

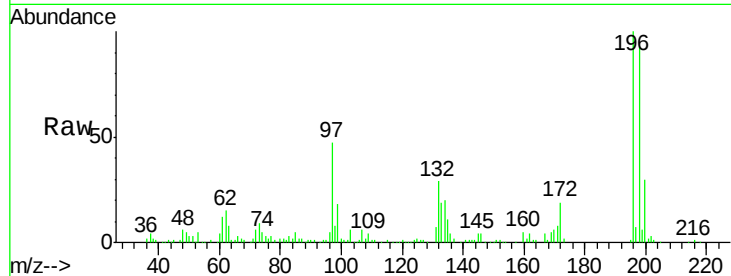




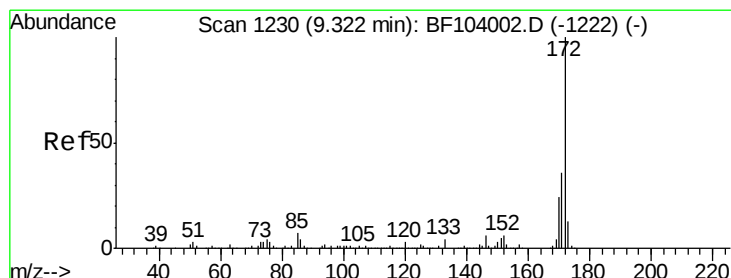
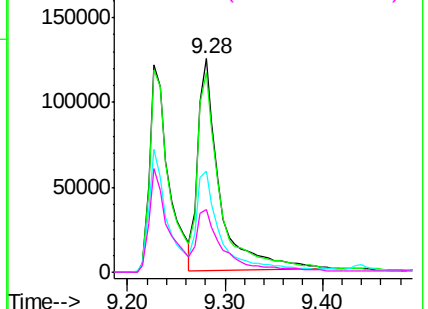
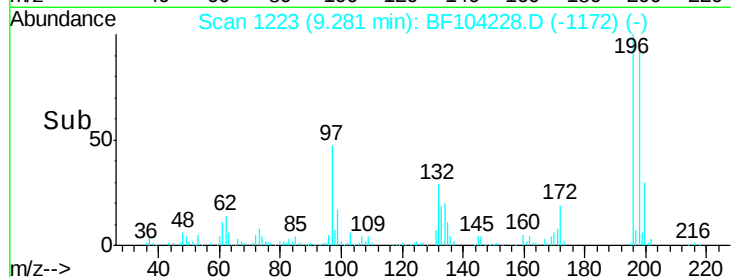
#43
 2,4,5-Trichlorophenol
 Concen: 35.715 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.00 min
 Lab File: BF104228.D
 Acq: 4 Apr 2018 16:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 194089
 Ion Ratio Lower Upper
 196 100
 198 93.3 74.6 112.0
 97 47.3 42.9 64.3
 132 29.1 26.3 39.5

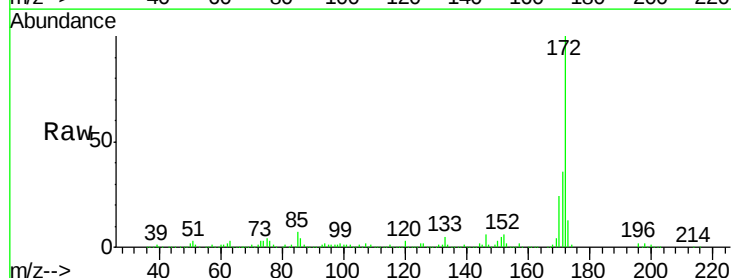


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

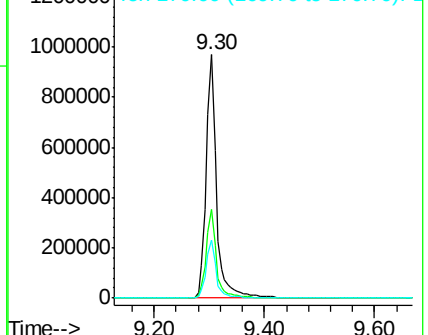
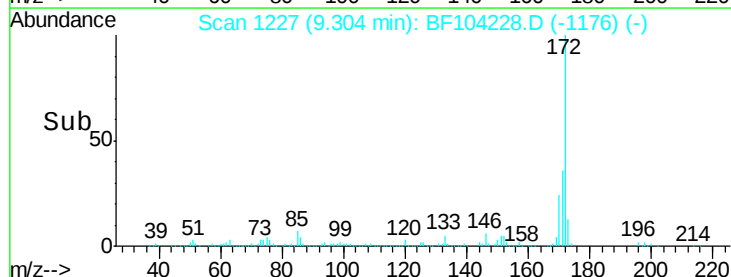


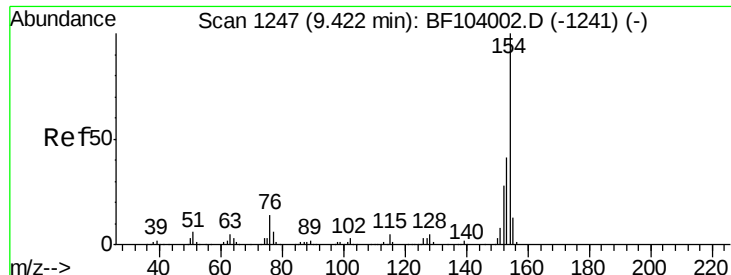
#44
 2-Fluorobiphenyl
 Concen: 85.031 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: BF104228.D
 Acq: 4 Apr 2018 16:36

Tgt Ion:172 Resp: 1249868
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 23.8 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 38.341 ng

RT: 9.41 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

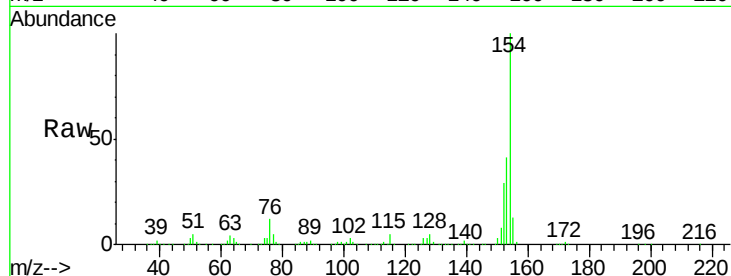
Tot Ion:154 Resp: 762751

Ion Ratio Lower Upper

154 100

153 40.6 21.3 61.3

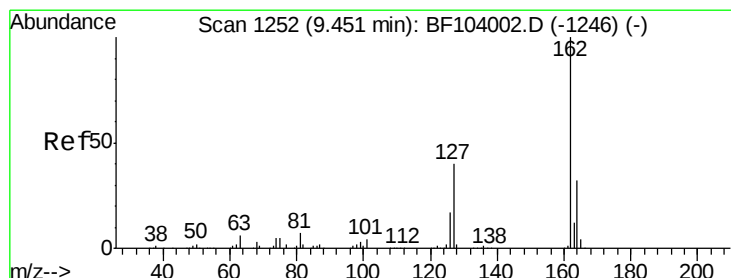
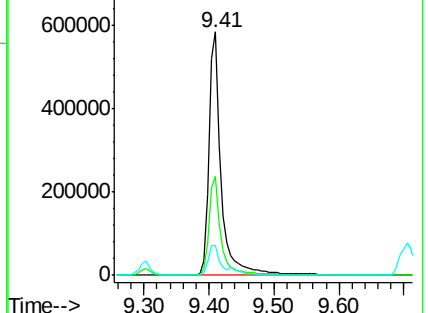
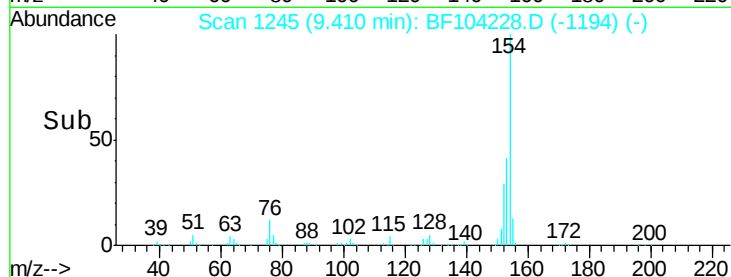
76 12.5 0.0 34.0



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: 38.463 ng

RT: 9.44 min Scan# 1250

Delta R.T. 0.00 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

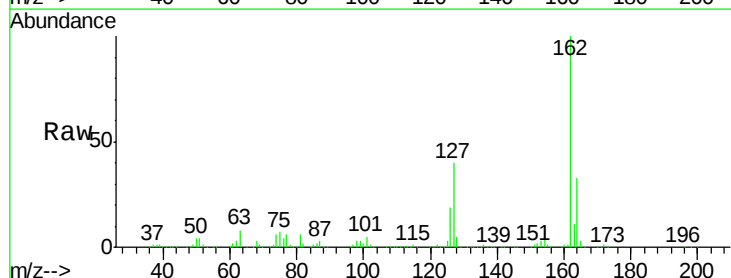
Tgt Ion:162 Resp: 603585

Ion Ratio Lower Upper

162 100

127 40.4 33.9 50.9

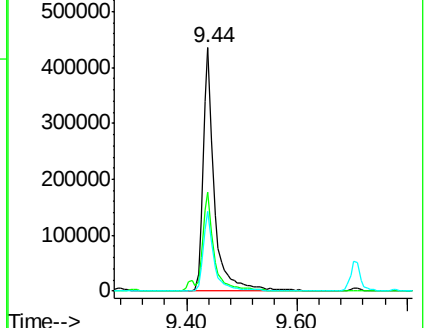
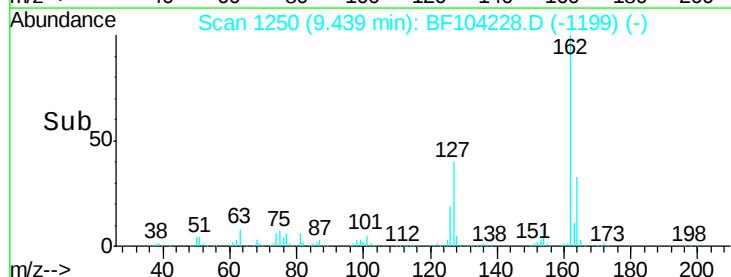
164 32.8 26.5 39.7

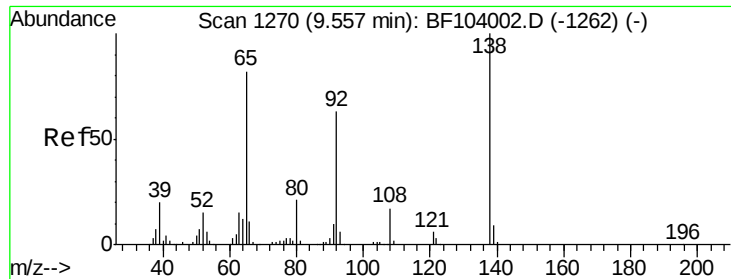


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

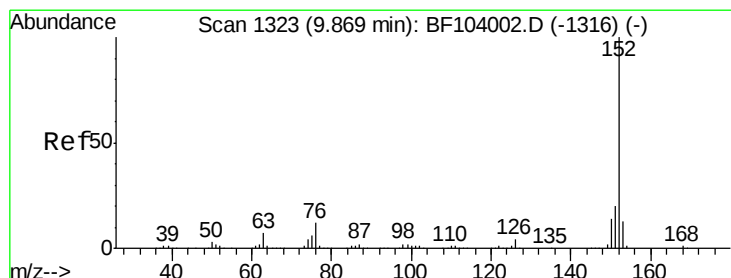
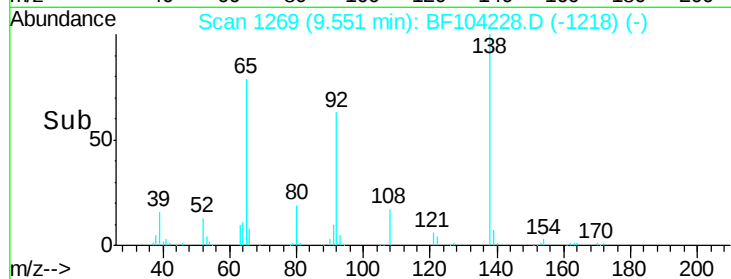
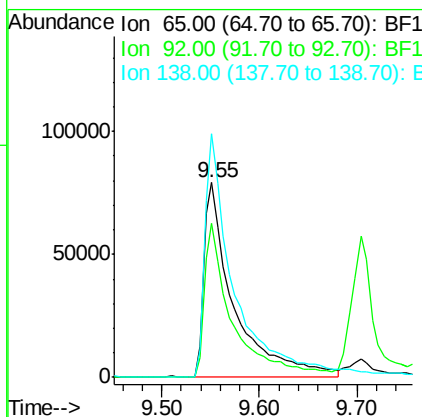
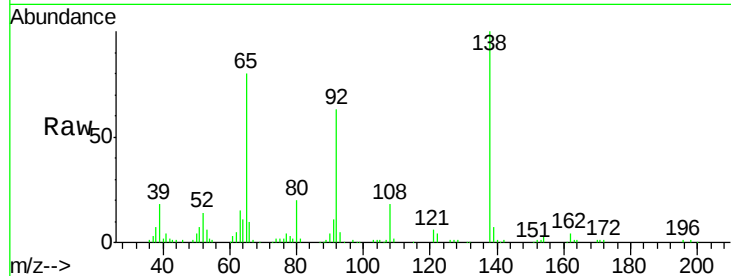




#47
 2-Nitroaniline
 Concen: 37.657 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: BF104228.D
 Acq: 4 Apr 2018 16:36

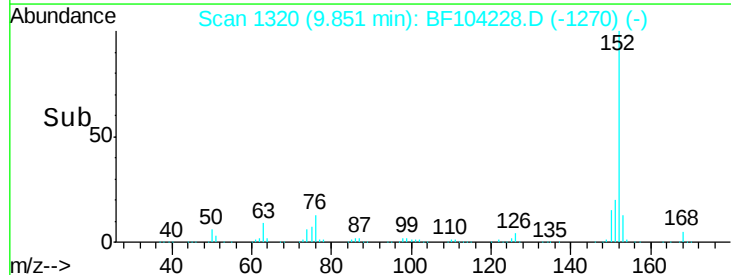
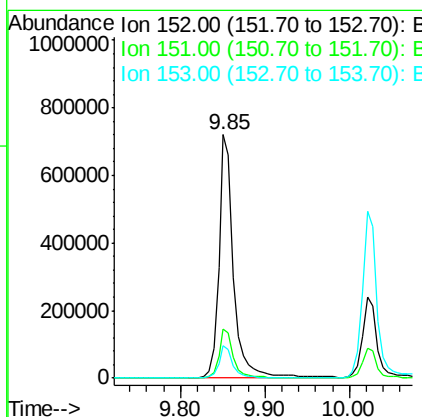
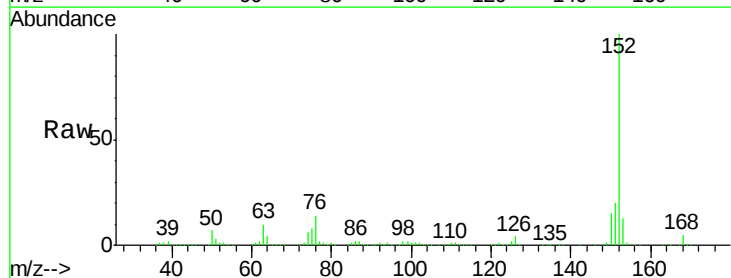
Instrument :
 BNA_F
 ClientSampled :

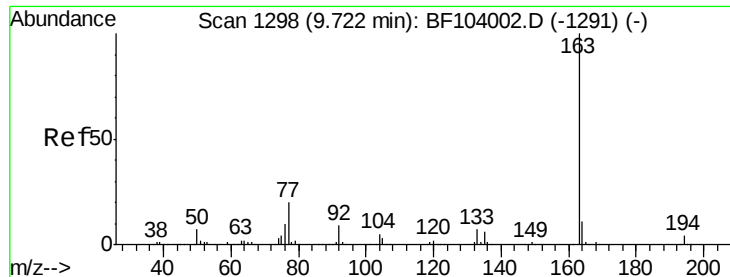
Tot Ion: 65 Resp: 168502
 Ion Ratio Lower Upper
 65 100
 92 78.9 55.8 83.6
 138 124.9 91.2 136.8



#48
 Acenaphthylene
 Concen: 36.804 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF104228.D
 Acq: 4 Apr 2018 16:36

Tgt Ion: 152 Resp: 874969
 Ion Ratio Lower Upper
 152 100
 151 20.1 16.3 24.5
 153 13.2 10.7 16.1

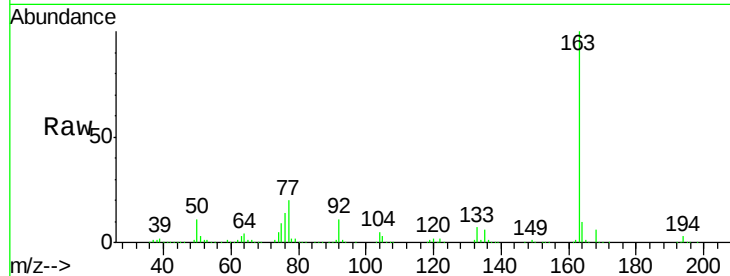




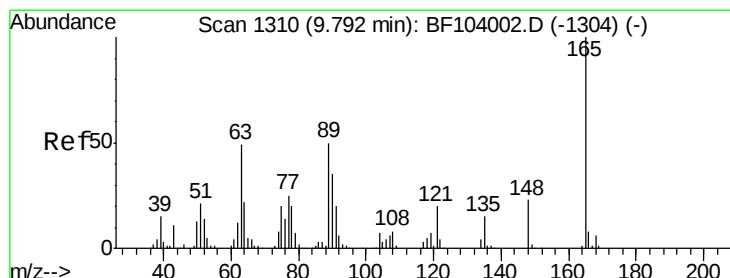
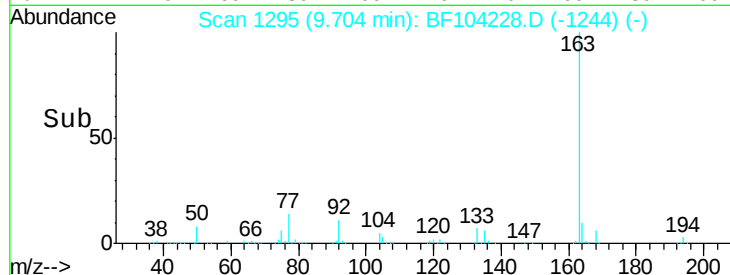
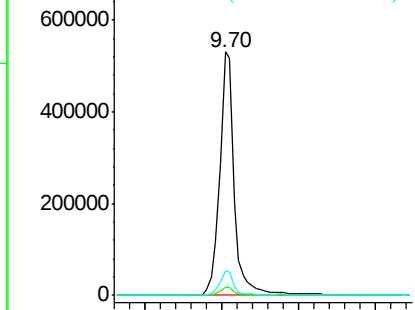
#49
Dimethylphthalate
Concen: 37.948 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 694477
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.3 8.2 12.2

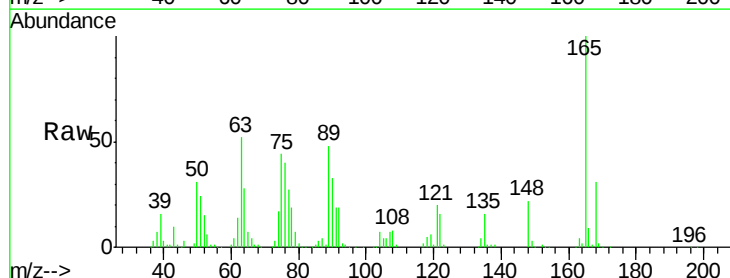


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

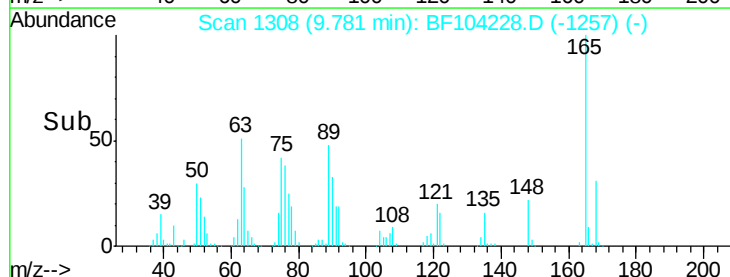
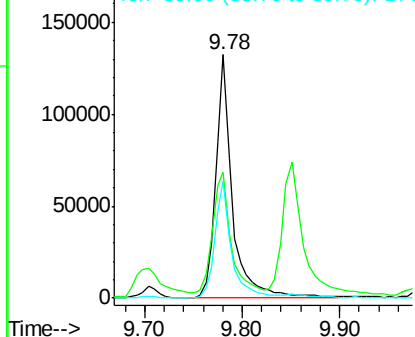


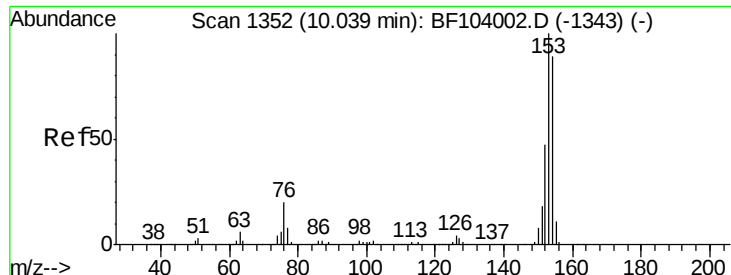
#50
2,6-Dinitrotoluene
Concen: 39.765 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Tgt Ion:165 Resp: 156564
Ion Ratio Lower Upper
165 100
63 51.8 44.7 67.1
89 47.8 44.0 66.0



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





#51

Acenaphthene

Concen: 36.519 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.01 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

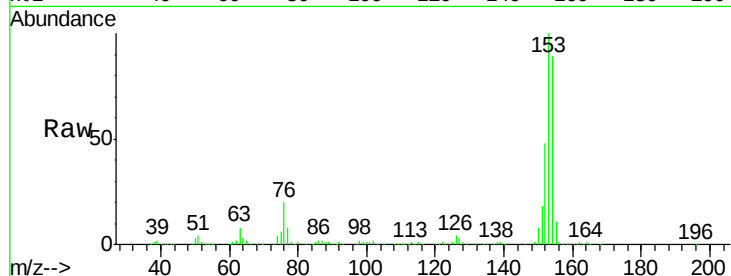
Tot Ion:154 Resp: 502235

Ion Ratio Lower Upper

154 100

153 112.8 91.2 136.8

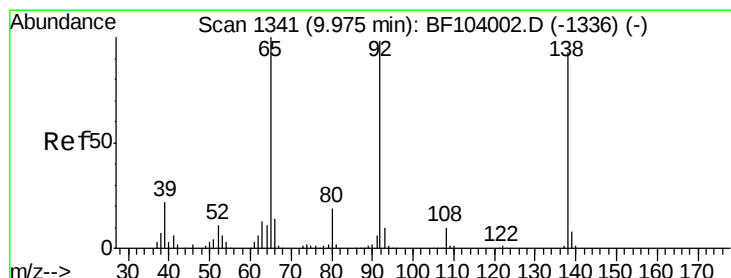
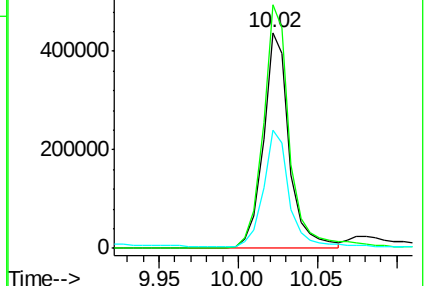
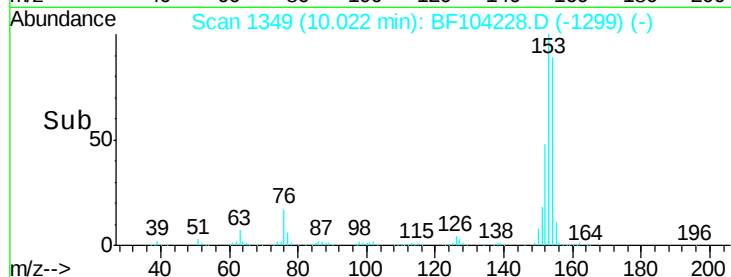
152 54.7 43.8 65.8



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: 16.169 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

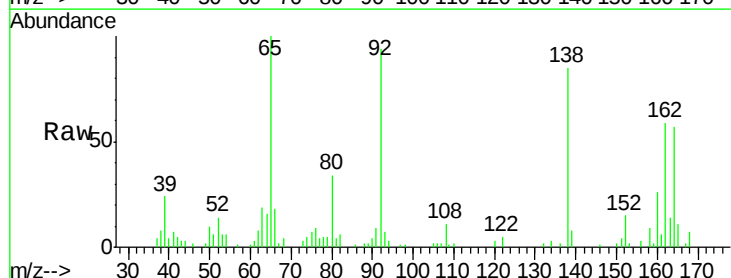
Tgt Ion:138 Resp: 73180

Ion Ratio Lower Upper

138 100

108 13.1 9.4 14.0

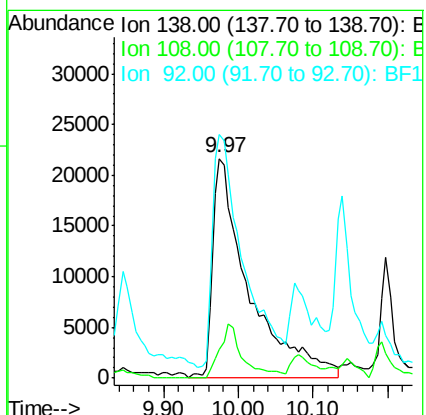
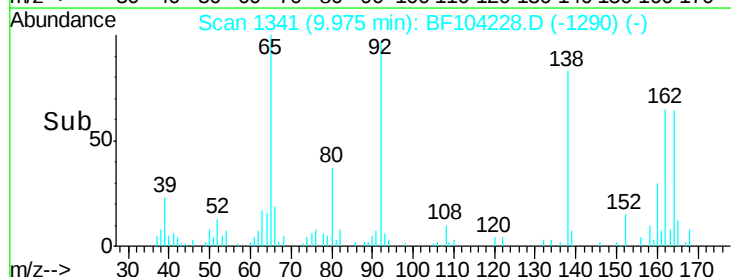
92 110.9 89.4 134.2

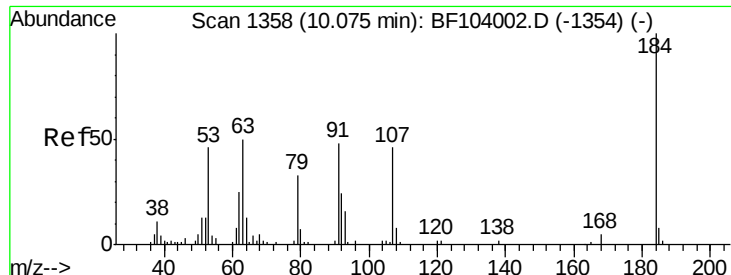


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

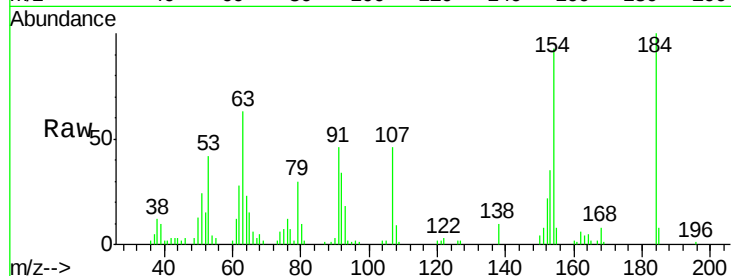




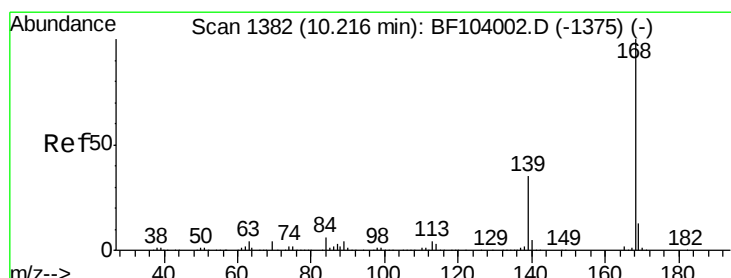
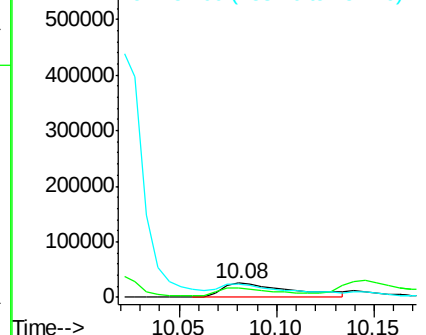
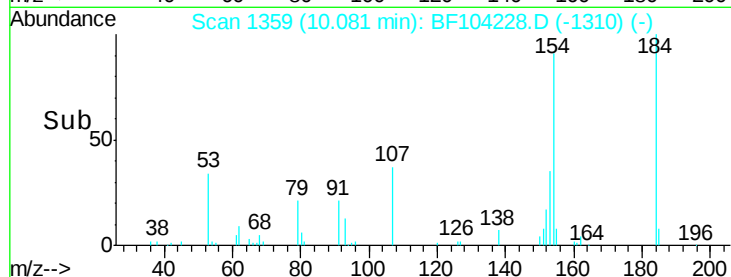
#53
2,4-Dinitrophenol
Concen: 39.985 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 63578
Ion Ratio Lower Upper
184 100
63 63.2 54.2 81.2
154 92.6 184.0 276.0#

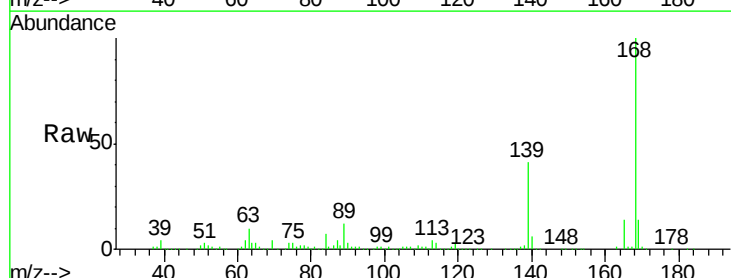


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

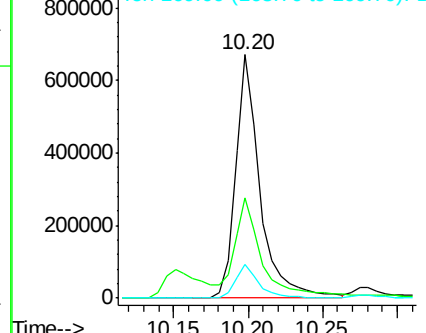
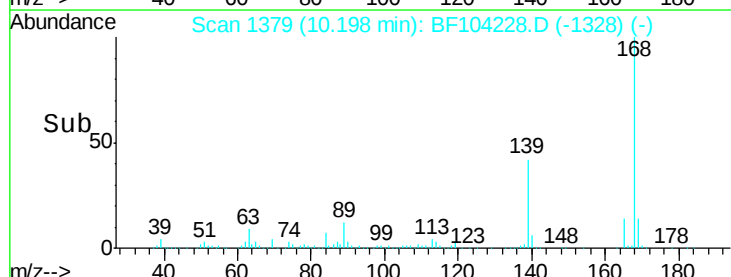


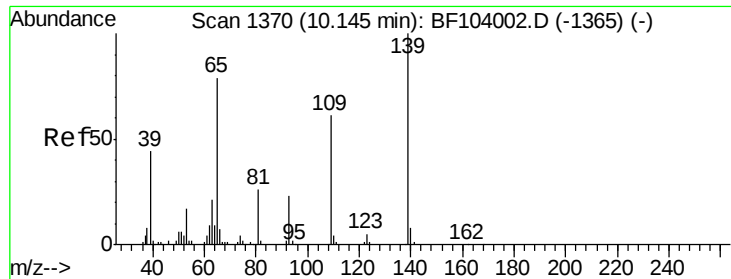
#54
Dibenzofuran
Concen: 38.449 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Tgt Ion:168 Resp: 772181
Ion Ratio Lower Upper
168 100
139 41.3 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

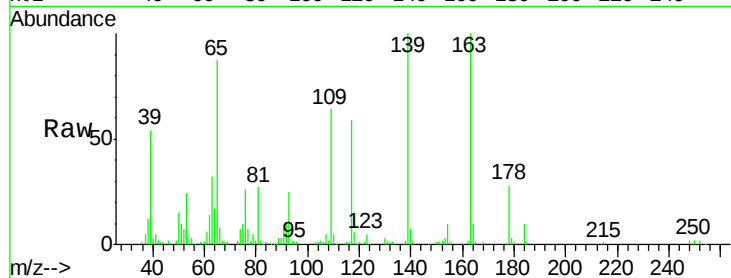




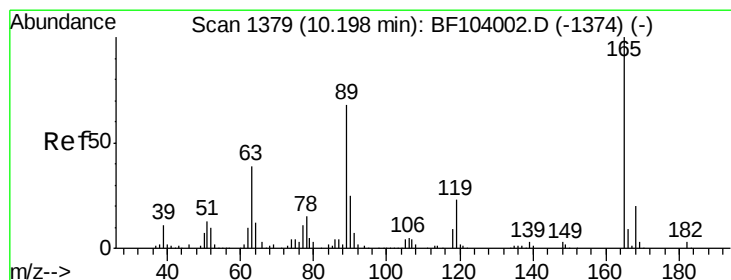
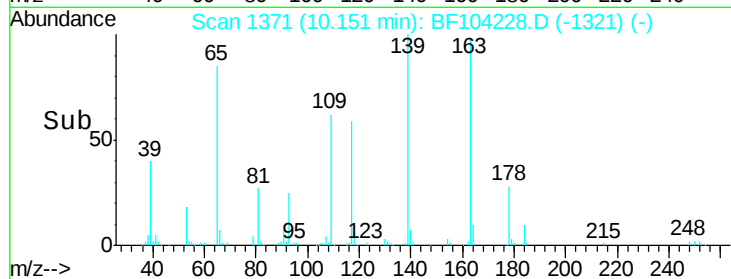
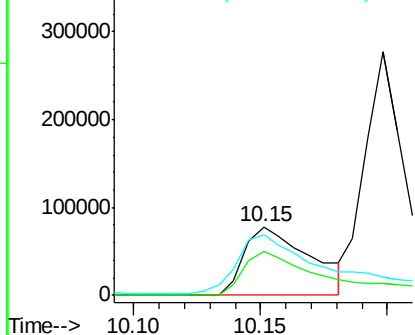
#55
4-Nitrophenol
Concen: 51.812 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 140607
Ion Ratio Lower Upper
139 100
109 64.1 48.4 88.4
65 87.4 72.6 112.6

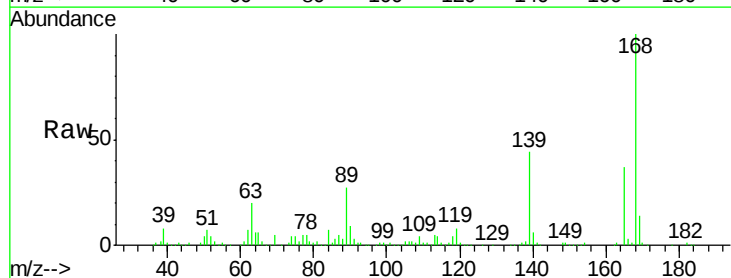


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

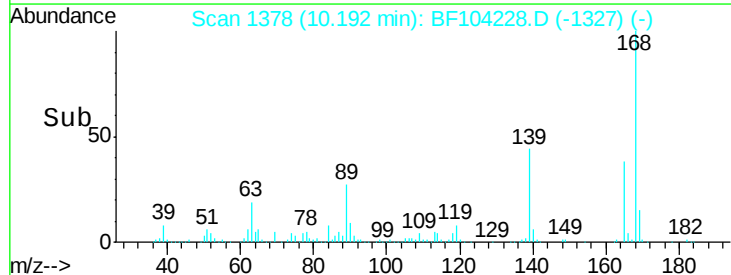
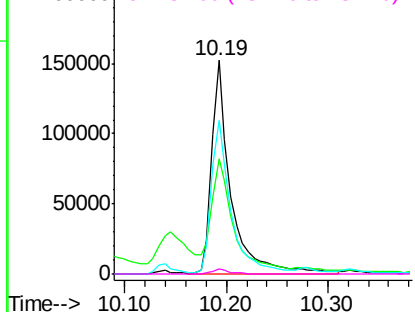


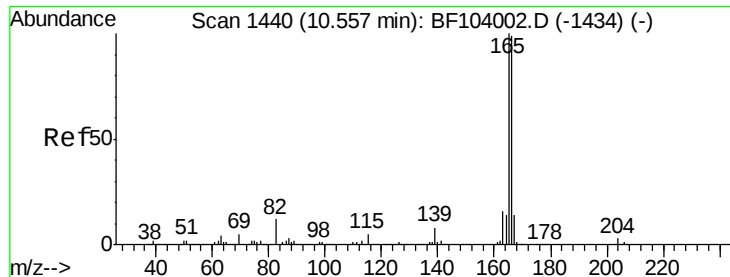
#56
2,4-Dinitrotoluene
Concen: 39.295 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Tgt Ion:165 Resp: 197420
Ion Ratio Lower Upper
165 100
63 53.9 36.4 54.6
89 72.0 57.8 86.6
182 2.7 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: 39.024 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

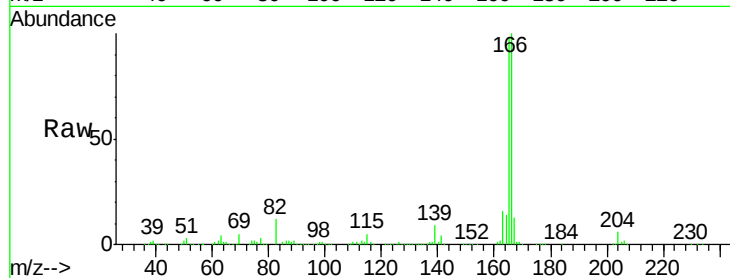
Tot Ion:166 Resp: 646498

Ion Ratio Lower Upper

166 100

165 97.5 79.8 119.8

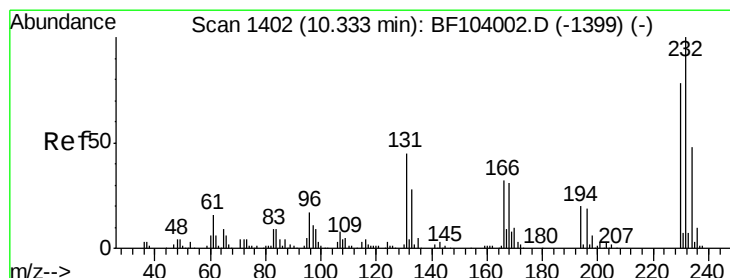
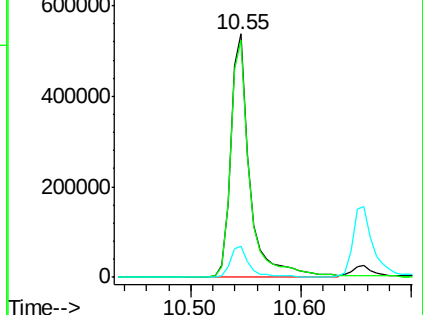
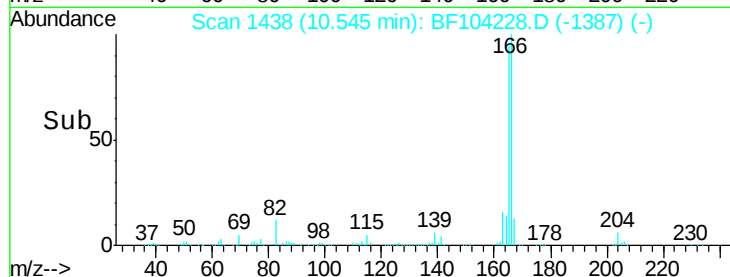
167 13.0 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.243 ng

RT: 10.32 min Scan# 1400

Delta R.T. 0.00 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

Tgt Ion:232 Resp: 184209

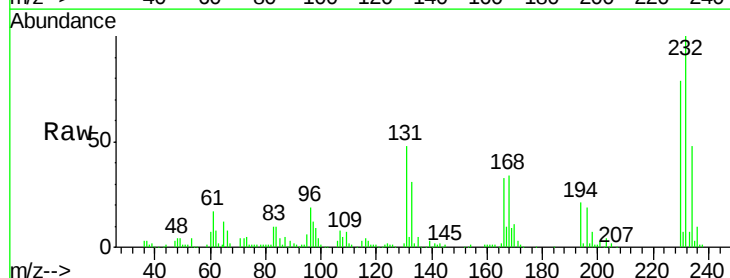
Ion Ratio Lower Upper

232 100

131 37.7 43.8 65.8#

130 2.3 2.1 3.1

166 30.5 27.8 41.6

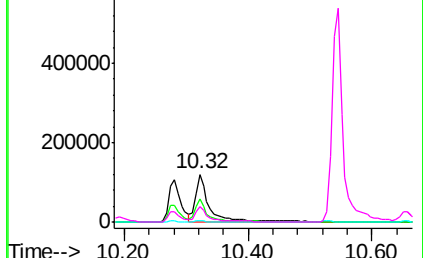
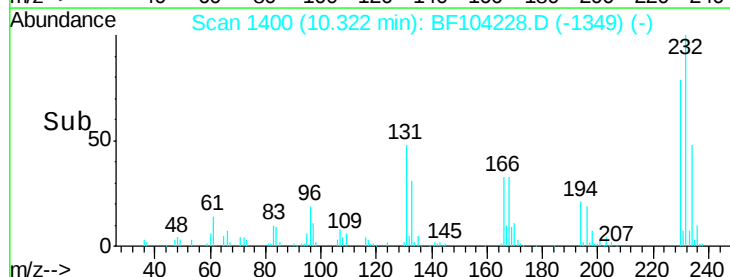


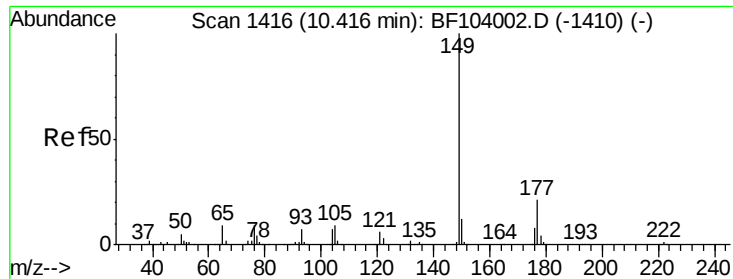
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

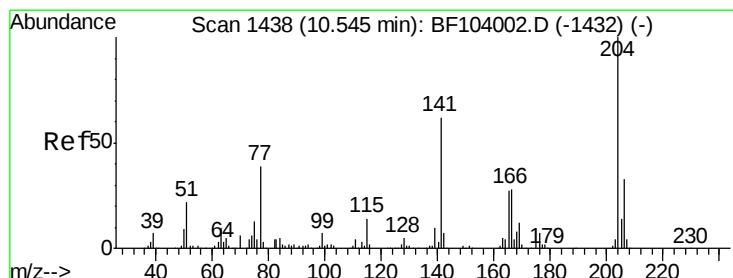
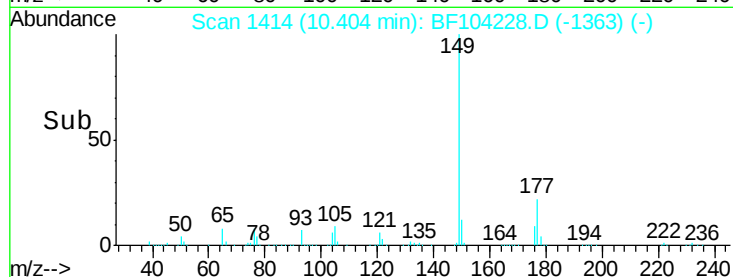
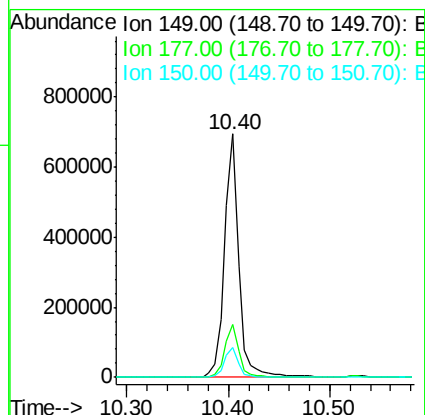
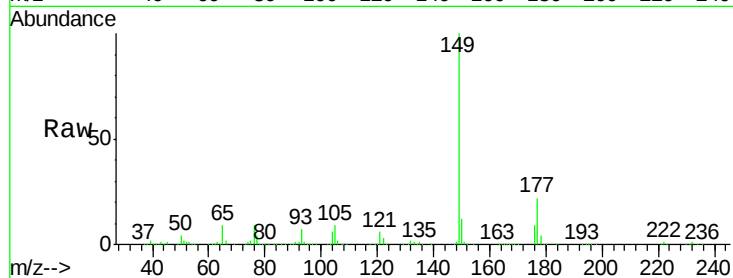




#59
Diethylphthalate
Concen: 38.699 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

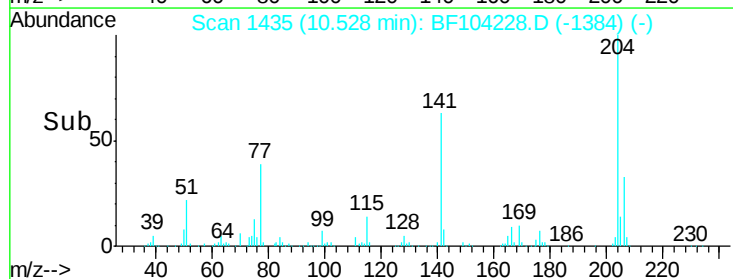
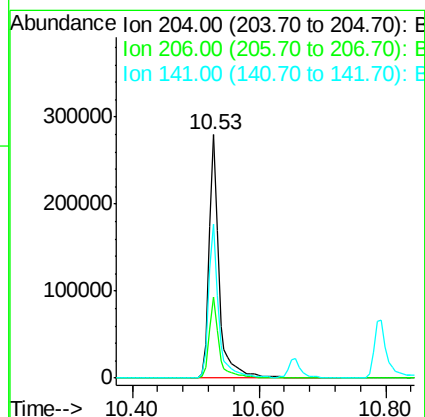
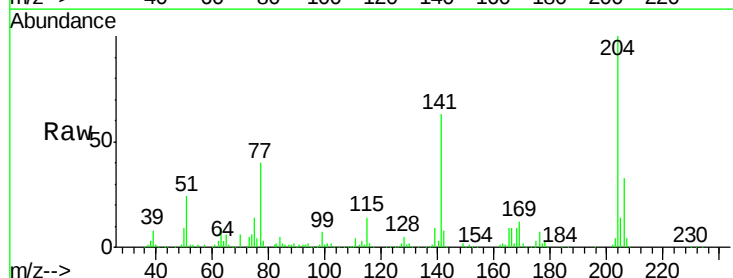
Instrument :
BNA_F
ClientSampleId :

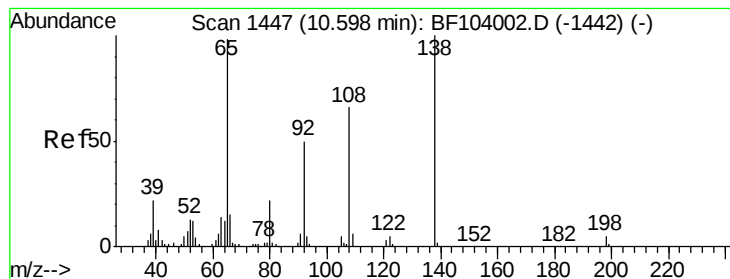
Tot Ion:149 Resp: 678453
Ion Ratio Lower Upper
149 100
177 21.6 16.1 24.1
150 12.2 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 40.492 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Tgt Ion:204 Resp: 308096
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 63.3 54.6 81.8





#61

4-Nitroaniline

Concen: 37.078 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

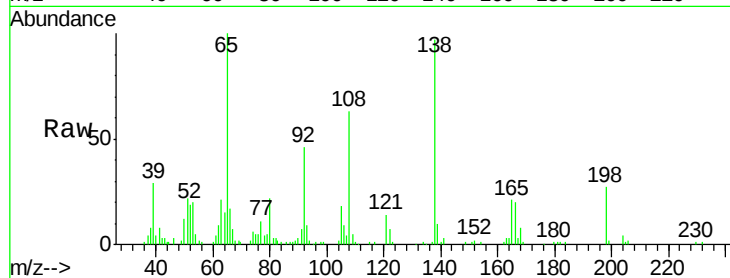
Tot Ion:138 Resp: 157025

Ion Ratio Lower Upper

138 100

92 47.7 30.2 70.2

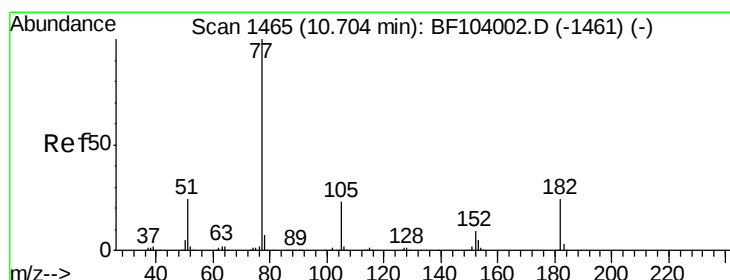
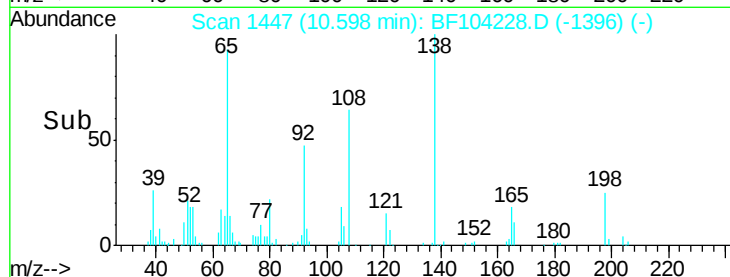
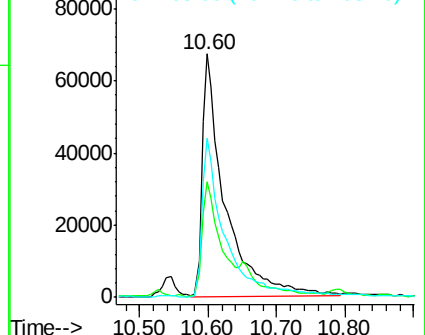
108 65.5 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.494 ng

RT: 10.69 min Scan# 1463

Delta R.T. 0.00 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

Tgt Ion: 77 Resp: 626092

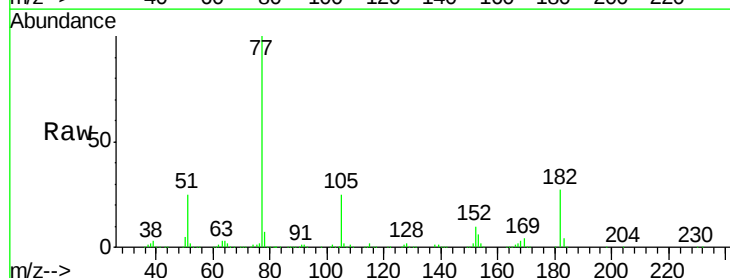
Ion Ratio Lower Upper

77 100

182 27.0 1.7 41.7

105 24.6 3.0 43.0

51 25.4 9.9 49.9

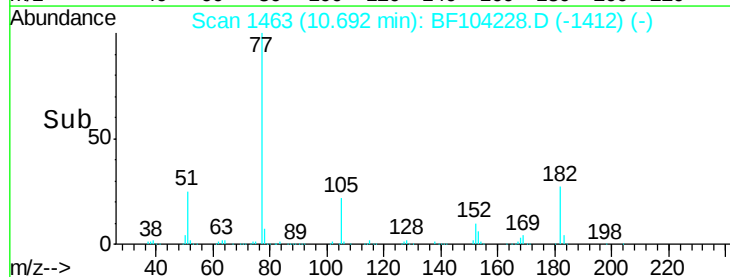
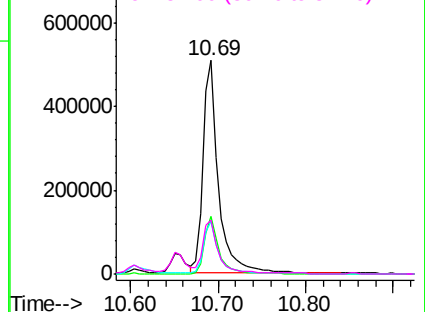


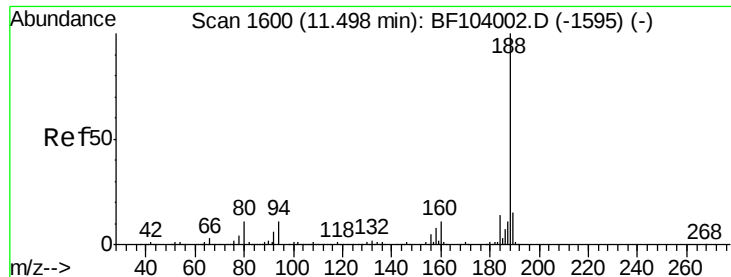
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

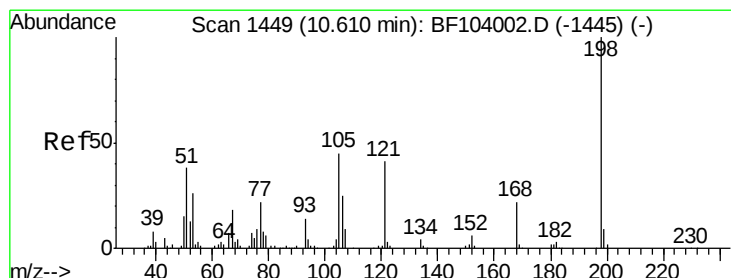
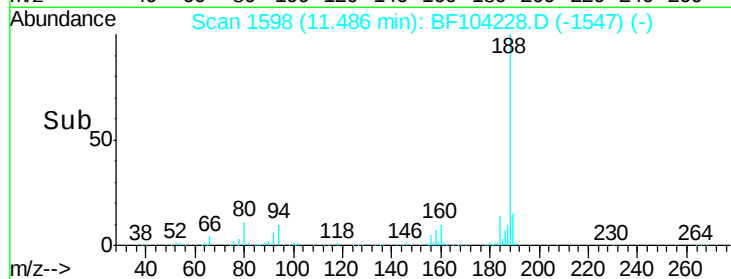
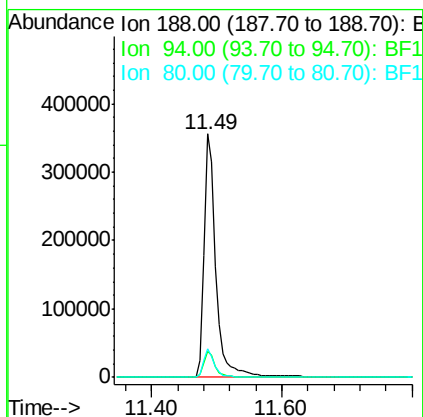
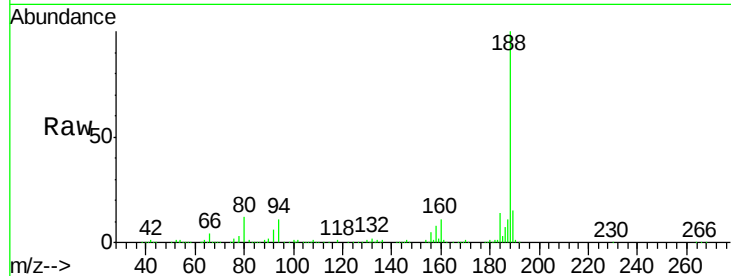




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

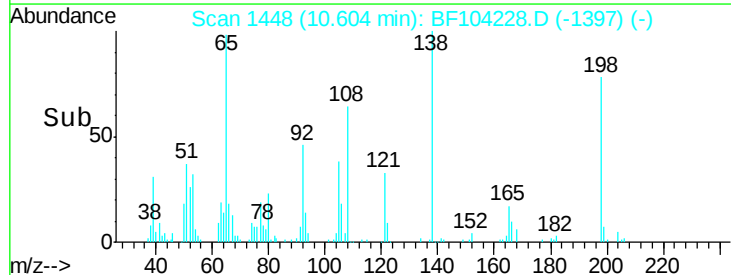
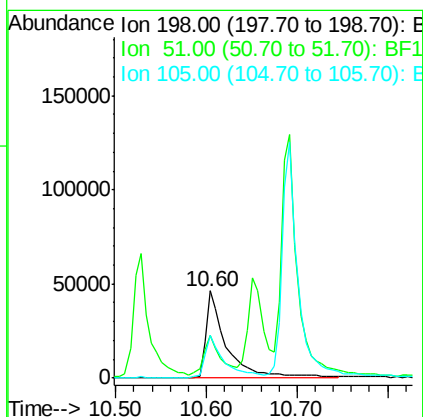
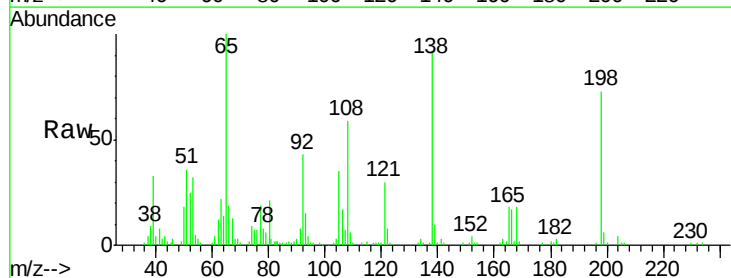
Instrument :
BNA_F
ClientSampleId :

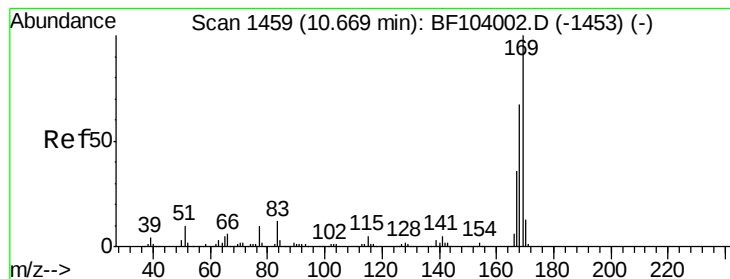
Tot Ion:188 Resp: 450607
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.6 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 27.379 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Tgt Ion:198 Resp: 74679
Ion Ratio Lower Upper
198 100
51 49.1 37.7 77.7
105 48.8 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 37.424 ng

RT: 10.66 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

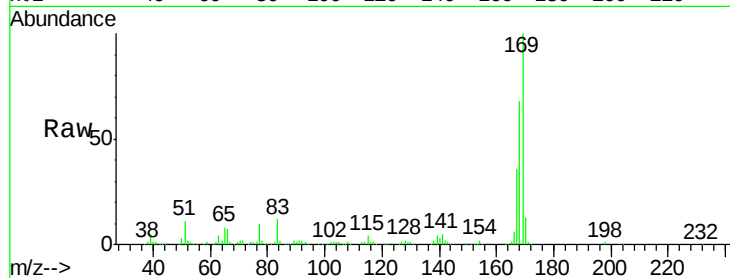
Instrument :

BNA_F

ClientSampleId :

Tot Ion:169 Resp: 571110

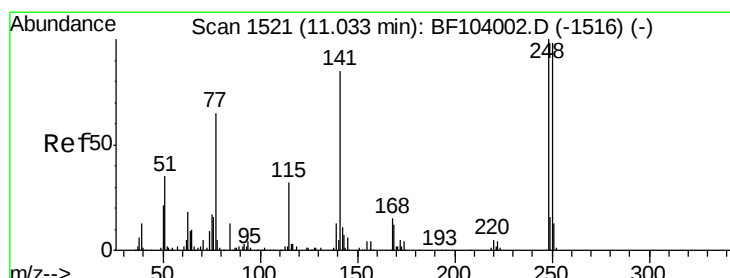
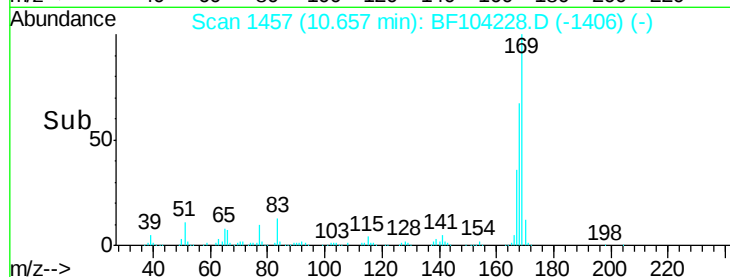
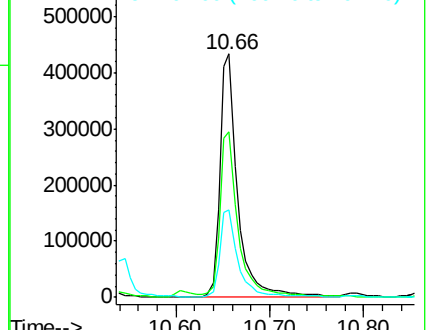
Ion	Ratio	Lower	Upper
169	100		
168	67.9	54.4	81.6
167	36.2	29.8	44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.711 ng

RT: 11.02 min Scan# 1519

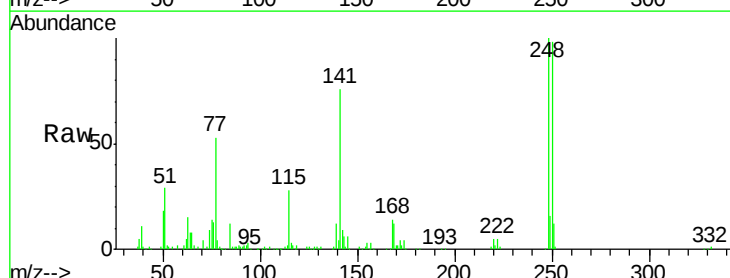
Delta R.T. 0.00 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

Tgt Ion:248 Resp: 191439

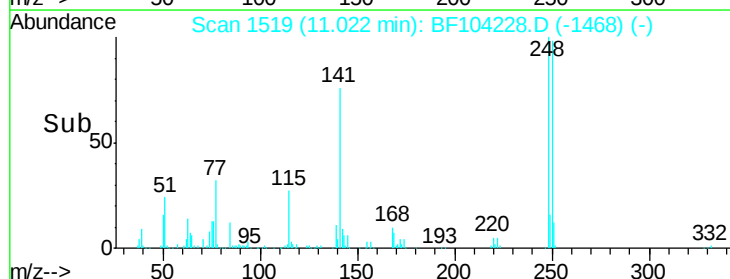
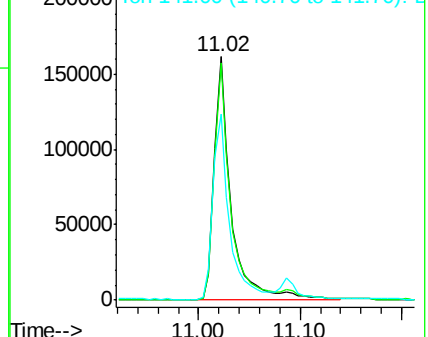
Ion	Ratio	Lower	Upper
248	100		
250	97.5	76.9	115.3
141	76.3	74.4	111.6

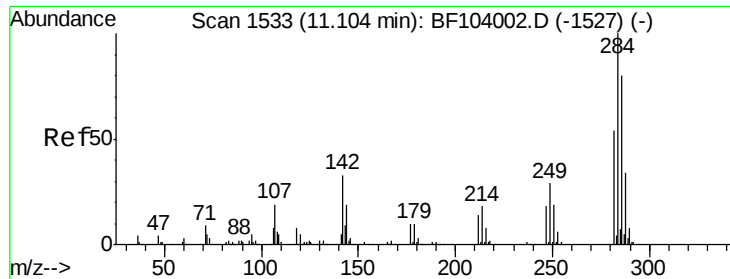


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

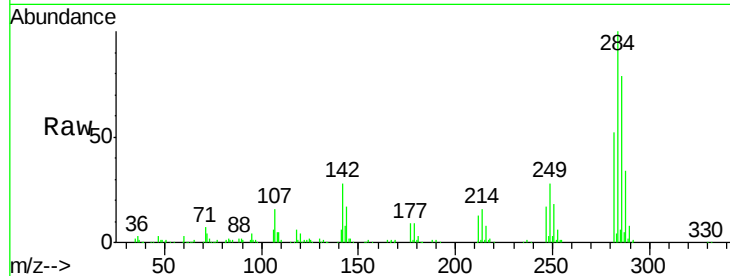




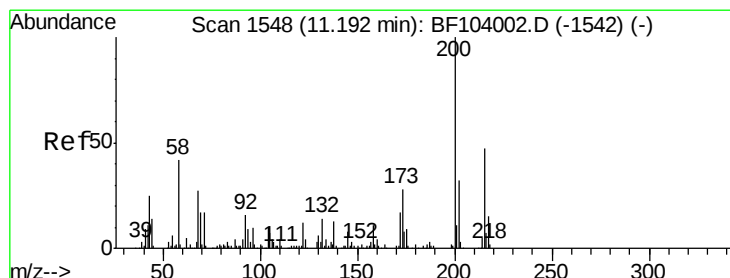
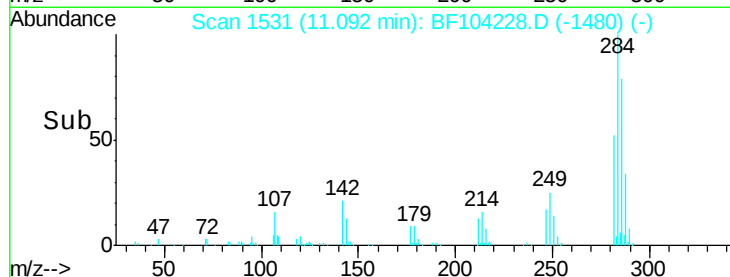
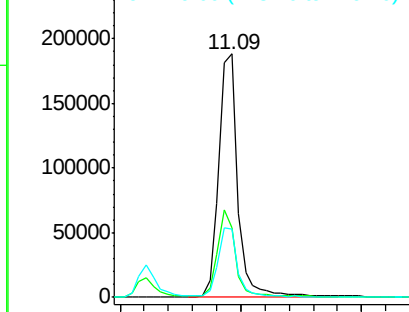
#67
Hexachlorobenzene
Concen: 37.062 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 205525
Ion Ratio Lower Upper
284 100
142 28.3 34.6 52.0#
249 27.9 24.8 37.2

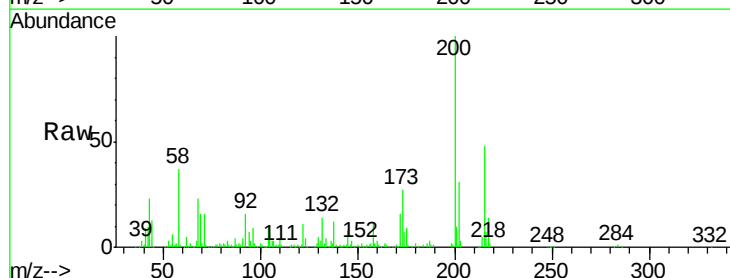


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

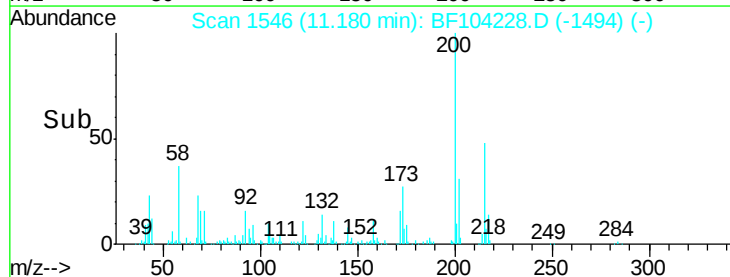
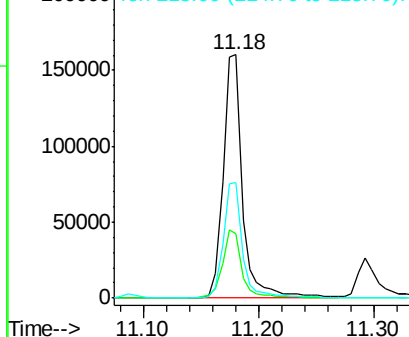


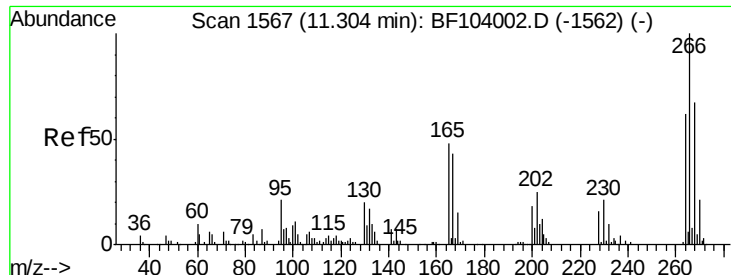
#68
Atrazine
Concen: 40.104 ng
RT: 11.18 min Scan# 1546
Delta R.T. 0.01 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Tgt Ion:200 Resp: 187494
Ion Ratio Lower Upper
200 100
173 26.6 8.6 48.6
215 47.6 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

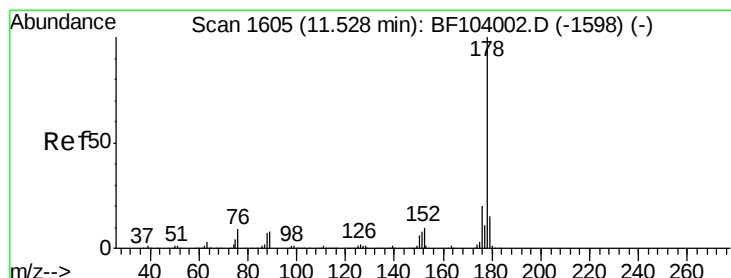
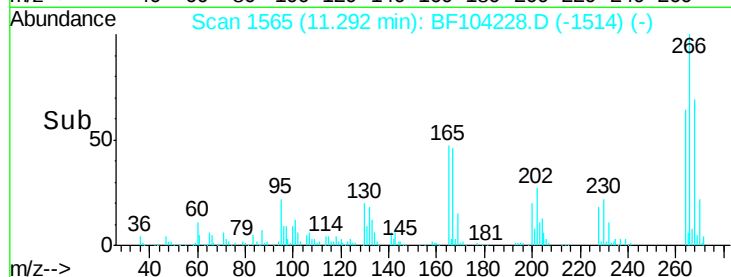
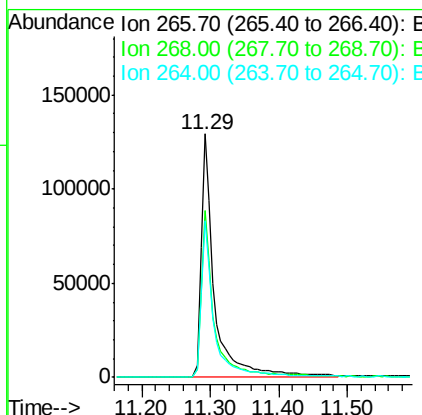
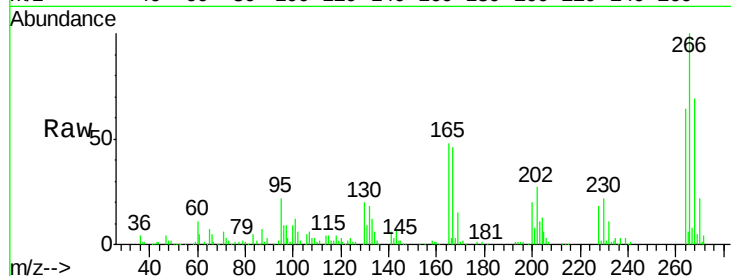




#69
 Pentachlorophenol
 Concen: 58.933 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BF104228.D
 Acq: 4 Apr 2018 16:36

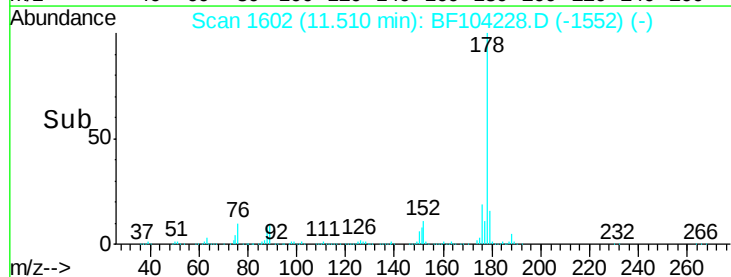
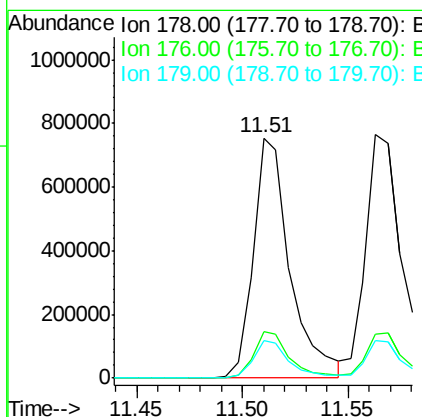
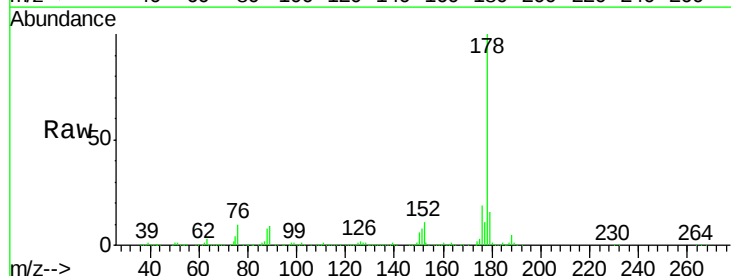
Instrument :
 BNA_F
 ClientSampleId :

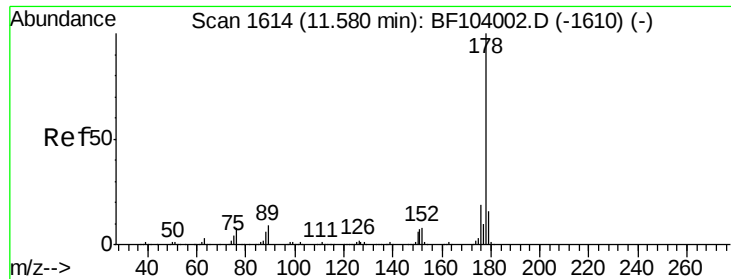
Tot Ion:266 Resp: 179837
 Ion Ratio Lower Upper
 266 100
 268 68.6 51.1 76.7
 264 64.1 49.5 74.3



#70
 Phenanthrene
 Concen: 37.432 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.01 min
 Lab File: BF104228.D
 Acq: 4 Apr 2018 16:36

Tgt Ion:178 Resp: 913194
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.9 13.0 19.6





#71

Anthracene

Concen: 42.088 ng

RT: 11.56 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

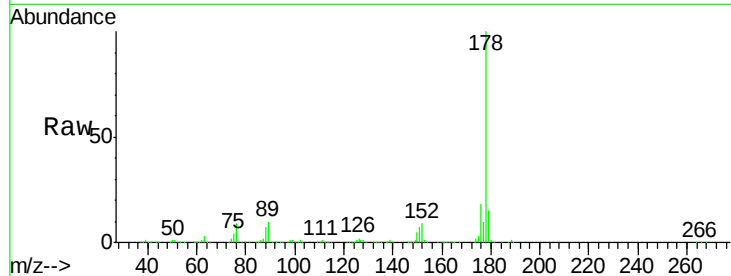
Tot Ion:178 Resp: 1072508

Ion Ratio Lower Upper

178 100

176 18.1 15.4 23.2

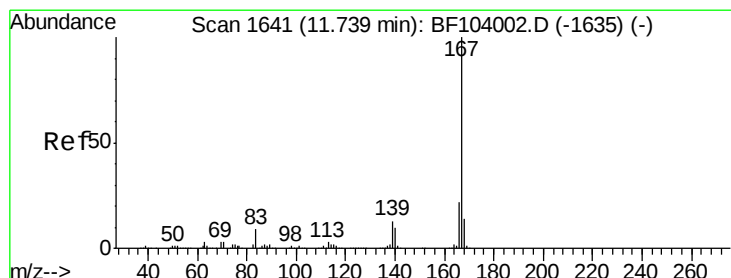
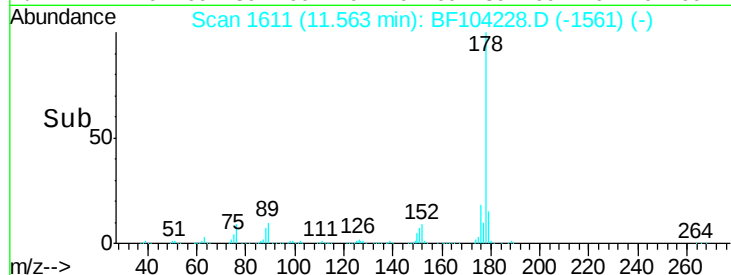
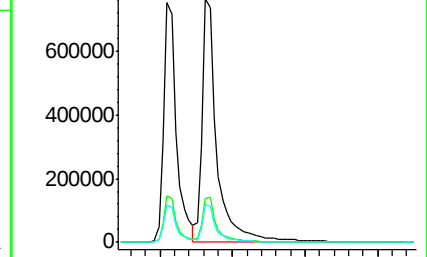
179 15.4 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.074 ng

RT: 11.73 min Scan# 1639

Delta R.T. -0.01 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

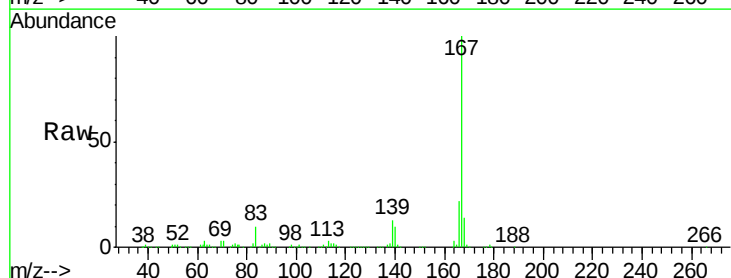
Tgt Ion:167 Resp: 950347

Ion Ratio Lower Upper

167 100

166 21.7 17.6 26.4

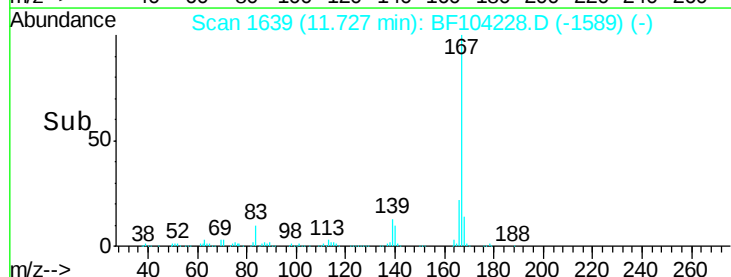
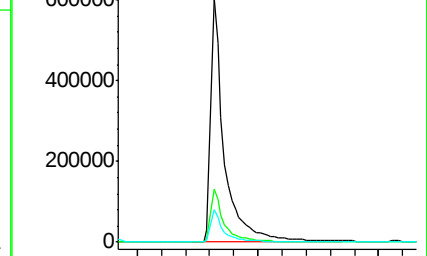
139 13.4 10.9 16.3

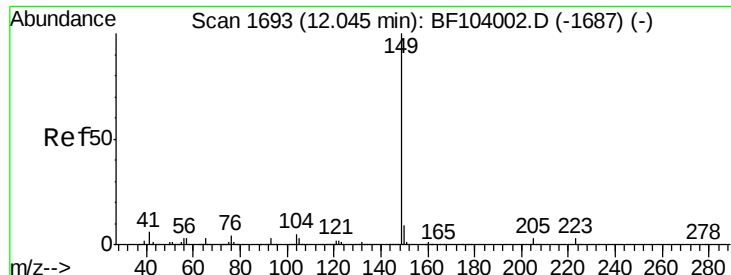


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.656 ng

RT: 12.03 min Scan# 1690

Delta R.T. 0.00 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

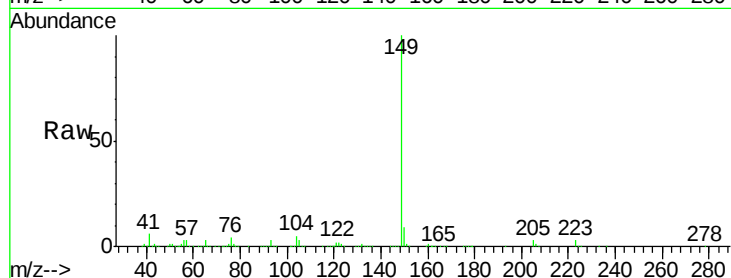
Tot Ion:149 Resp: 1090903

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

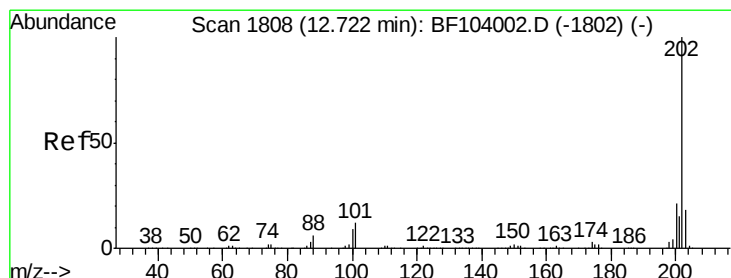
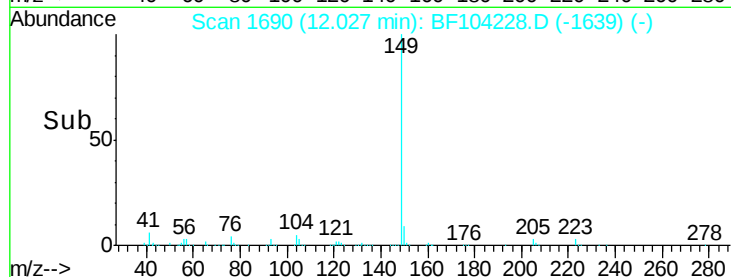
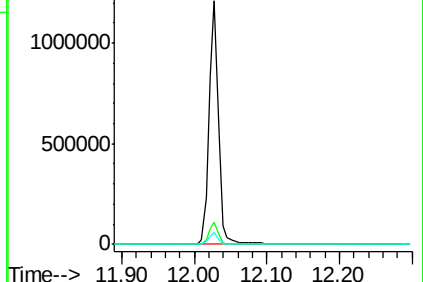
104 4.7 3.8 5.8



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: 40.088 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

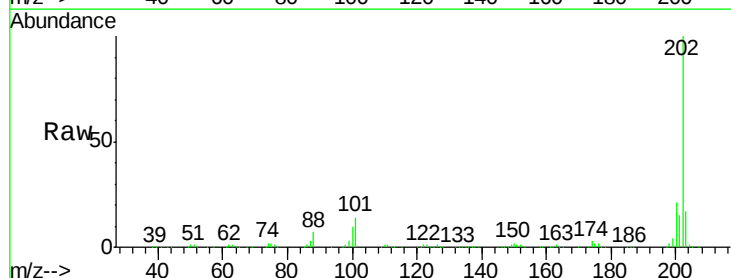
Tgt Ion:202 Resp: 1039558

Ion Ratio Lower Upper

202 100

101 13.5 0.0 34.1

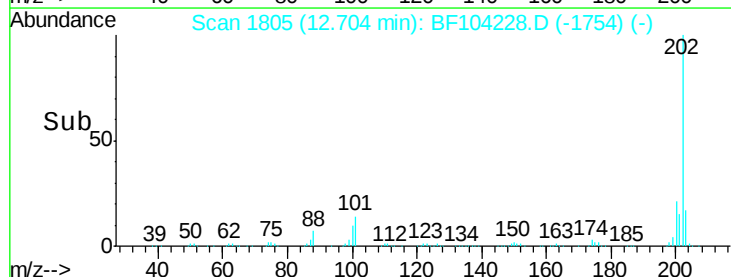
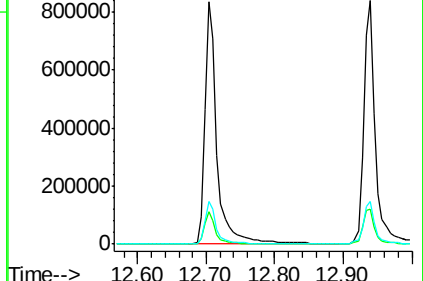
203 17.4 0.0 38.1

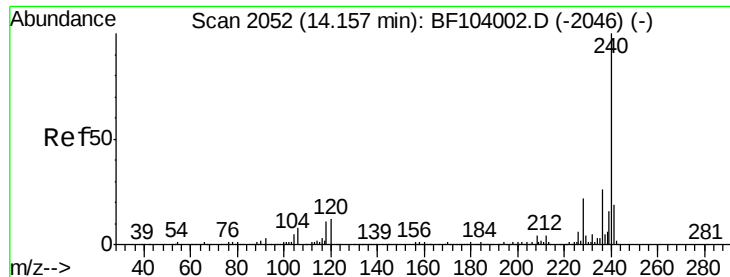


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2050

Delta R.T. 0.00 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

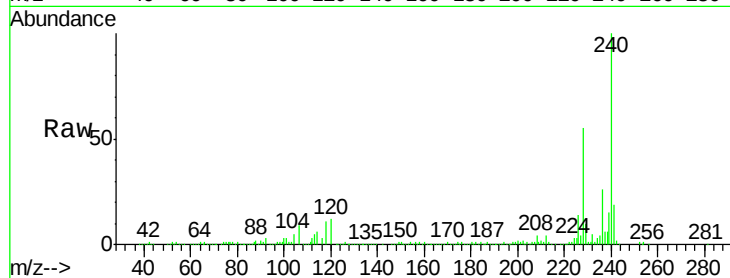
Tot Ion:240 Resp: 351745

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

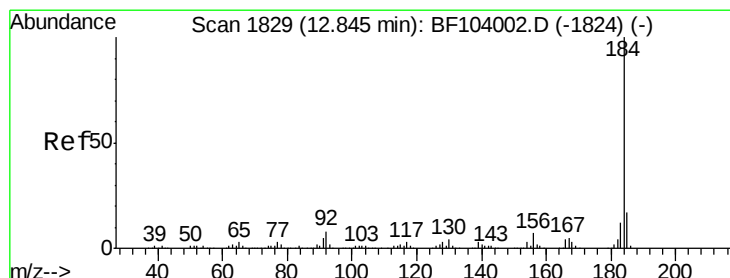
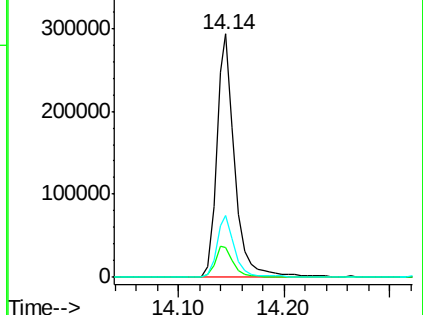
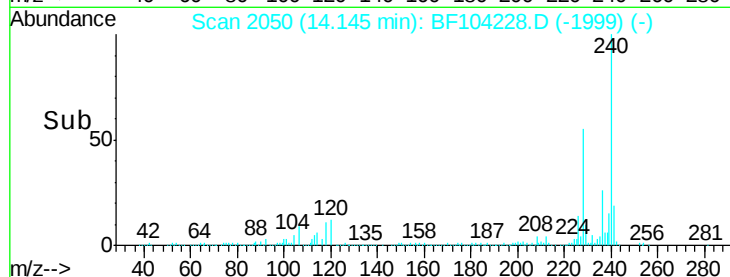
236 25.6 20.7 31.1



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: 28.652 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

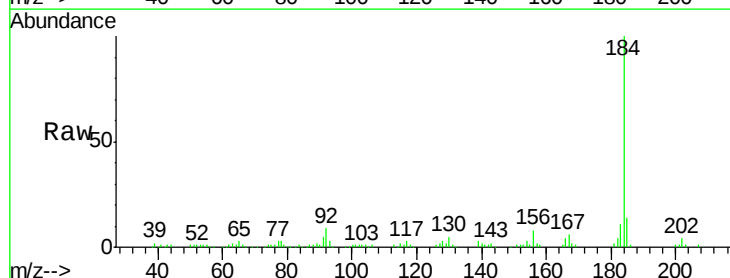
Tgt Ion:184 Resp: 287205

Ion Ratio Lower Upper

184 100

185 14.2 12.6 18.8

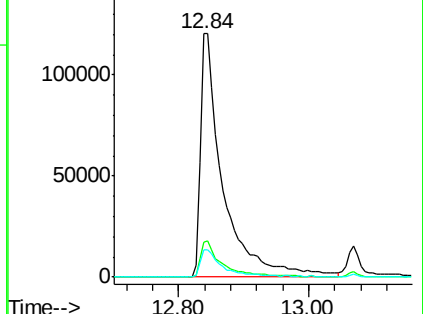
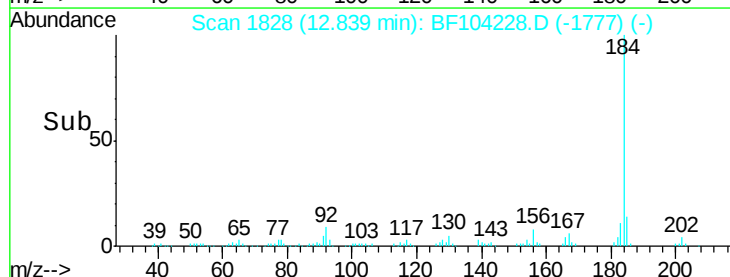
183 11.3 9.3 13.9

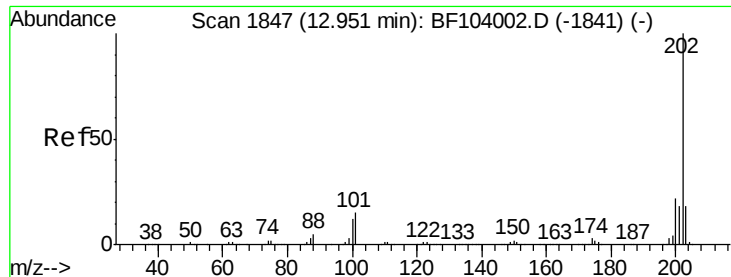


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

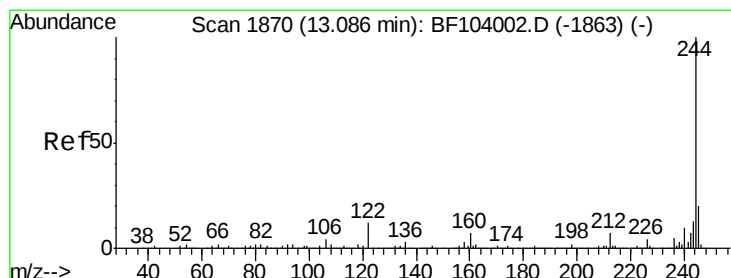
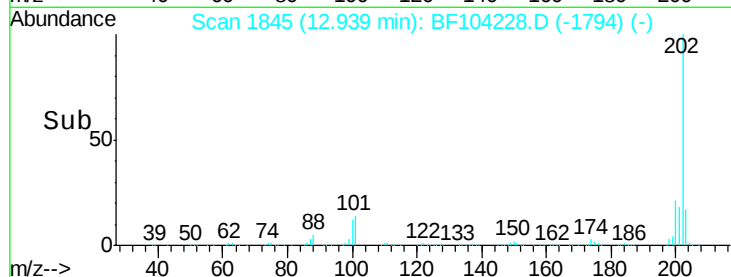
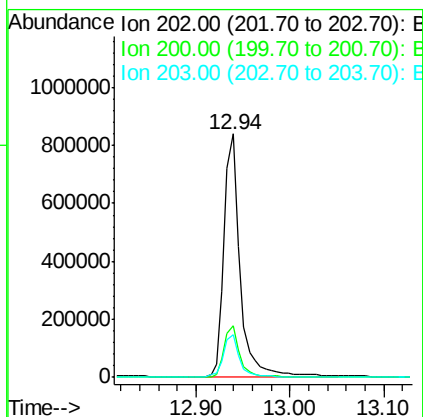
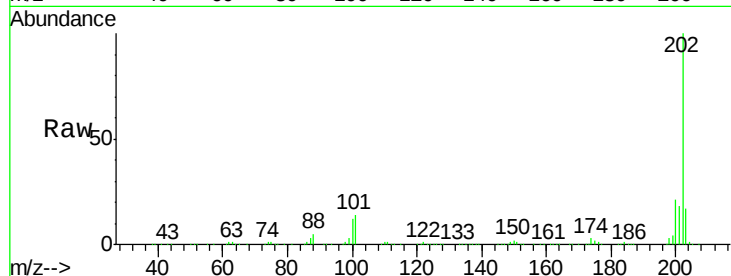




#77
Pvrene
Concen: 39.948 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

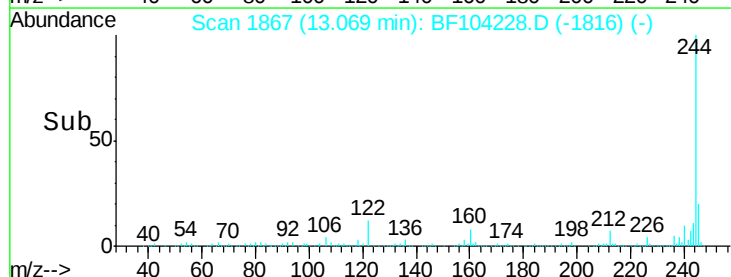
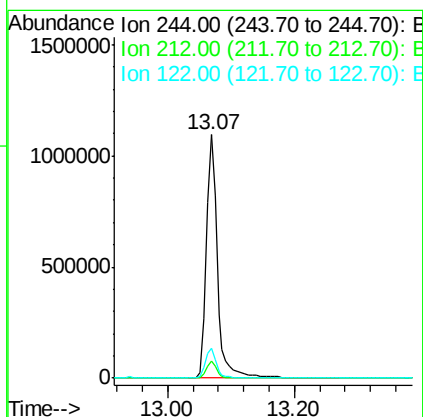
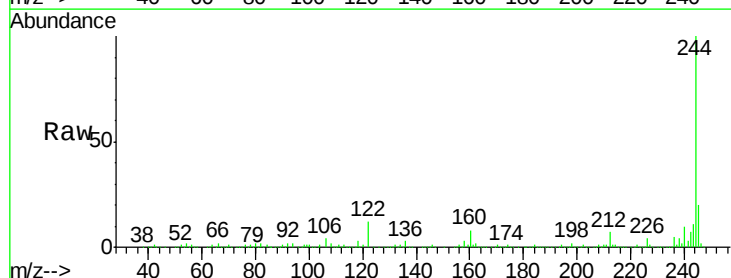
Instrument :
BNA_F
ClientSampleId :

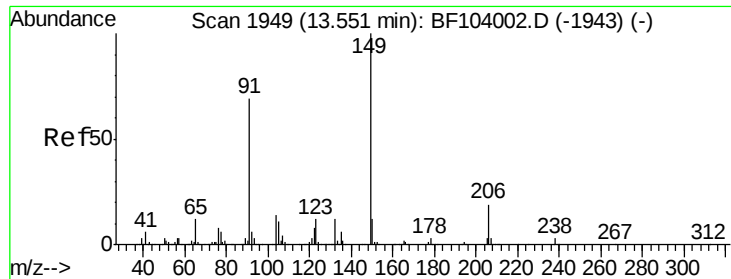
Tot Ion:202 Resp: 1010097
Ion Ratio Lower Upper
202 100
200 21.2 17.4 26.2
203 17.4 14.3 21.5



#78
Terphenyl-d14
Concen: 87.705 ng
RT: 13.07 min Scan# 1867
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Tgt Ion:244 Resp: 1336102
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.0
122 12.2 11.0 16.4

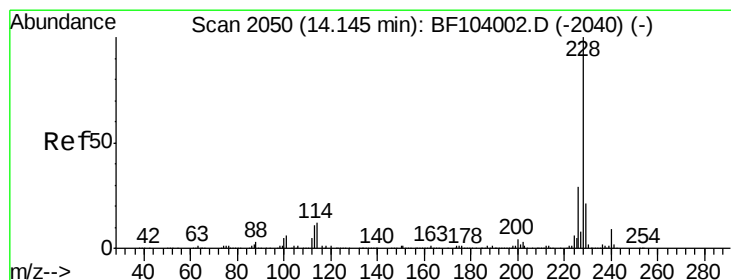
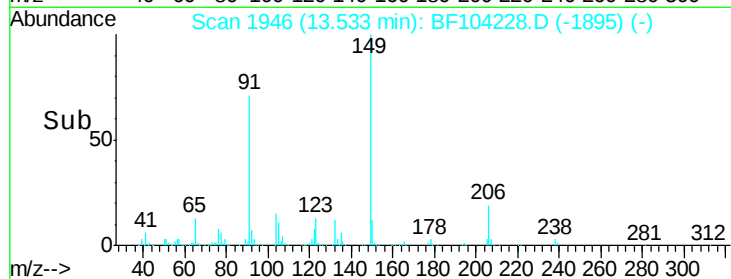
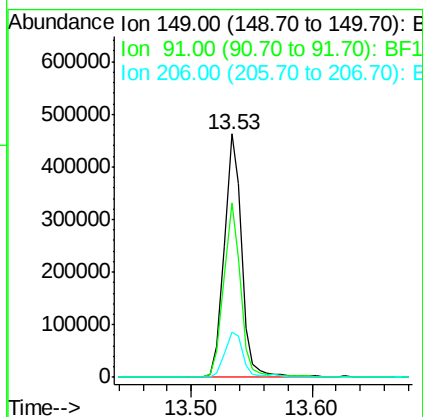
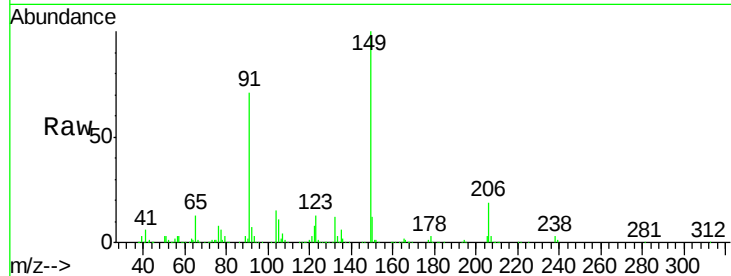




#79
Butylbenzylphthalate
Concen: 38.969 ng
RT: 13.53 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

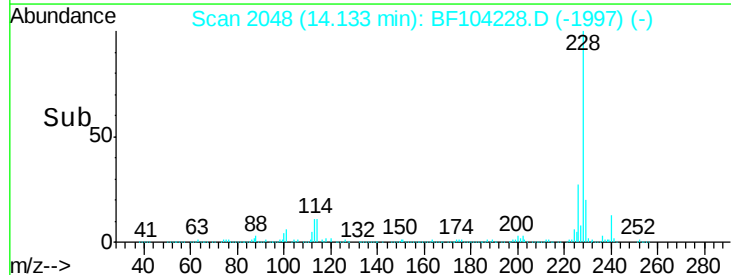
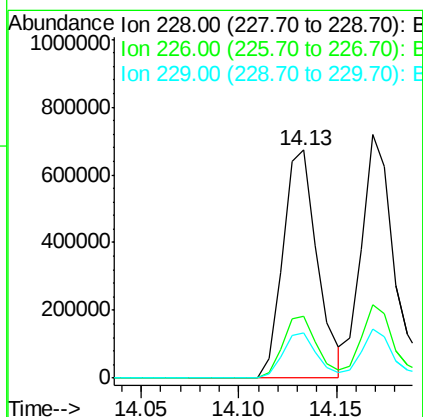
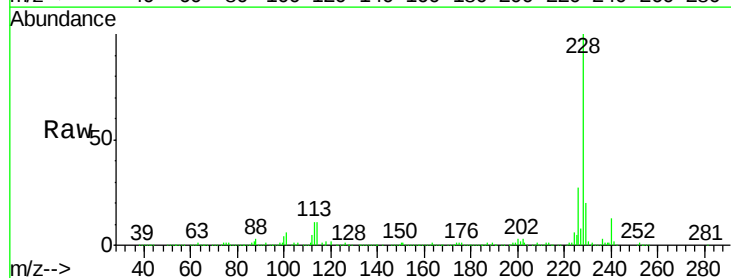
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 464220
Ion Ratio Lower Upper
149 100
91 71.5 56.8 85.2
206 18.6 14.1 21.1



#80
Benzo(a)anthracene
Concen: 37.324 ng
RT: 14.13 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Tgt Ion:228 Resp: 821476
Ion Ratio Lower Upper
228 100
226 27.2 22.6 33.8
229 19.8 15.8 23.6

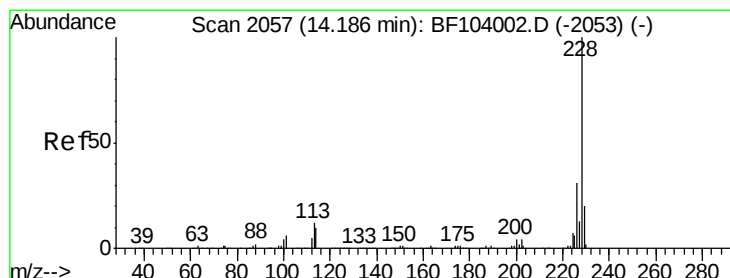
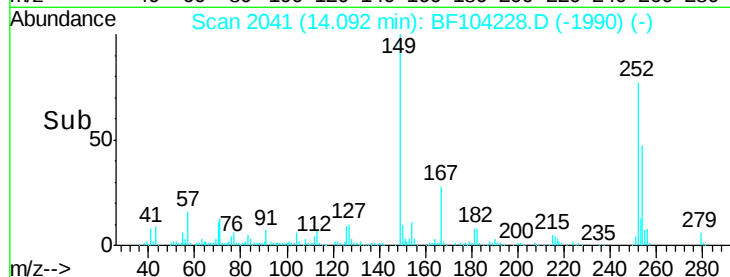
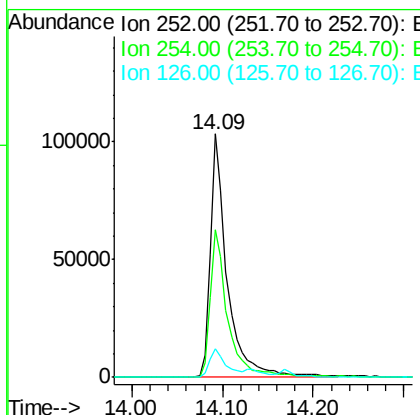
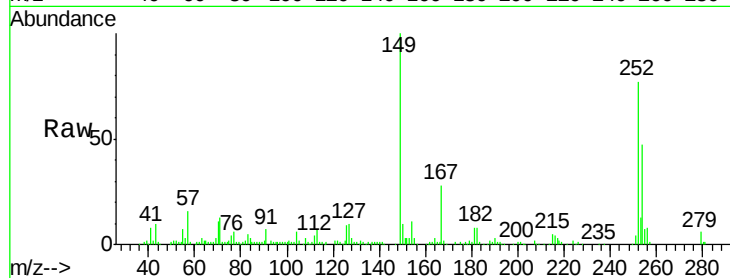




#81
 3,3'-Dichlorobenzidine
 Concen: 18.593 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. 0.00 min
 Lab File: BF104228.D
 Acq: 4 Apr 2018 16:36

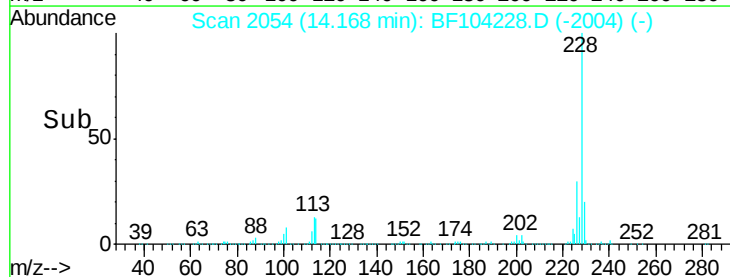
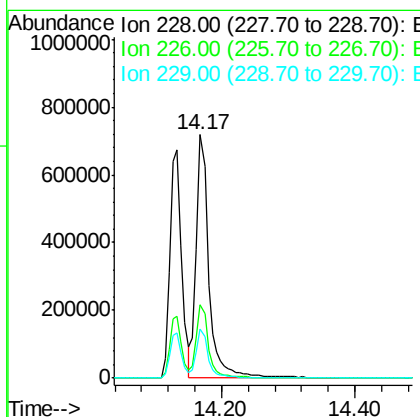
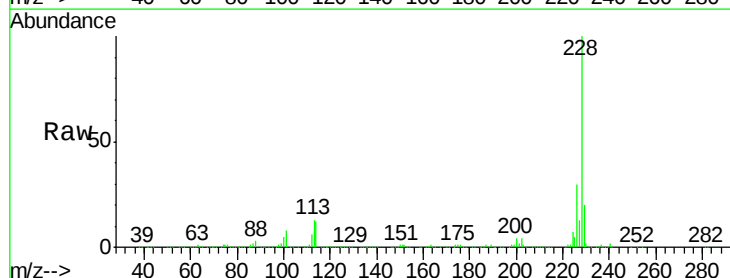
Instrument :
 BNA_F
 ClientSampleId :

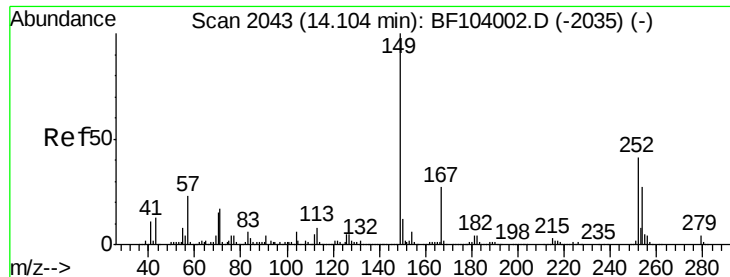
Tot Ion:252 Resp: 135454
 Ion Ratio Lower Upper
 252 100
 254 60.4 50.4 75.6
 126 12.0 11.3 16.9



#82
 Chrysene
 Concen: 42.234 ng
 RT: 14.17 min Scan# 2054
 Delta R.T. -0.01 min
 Lab File: BF104228.D
 Acq: 4 Apr 2018 16:36

Tgt Ion:228 Resp: 910433
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.0 37.6
 229 20.1 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.543 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.00 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

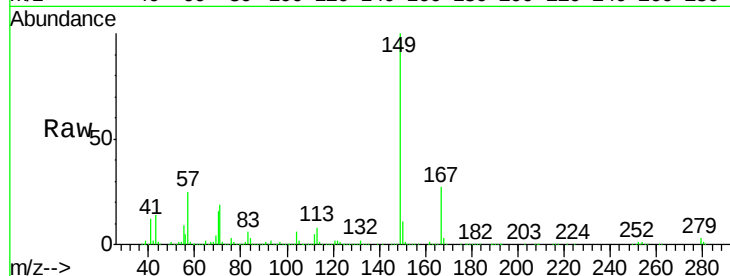
Tot Ion:149 Resp: 624036

Ion Ratio Lower Upper

149 100

167 26.8 21.3 31.9

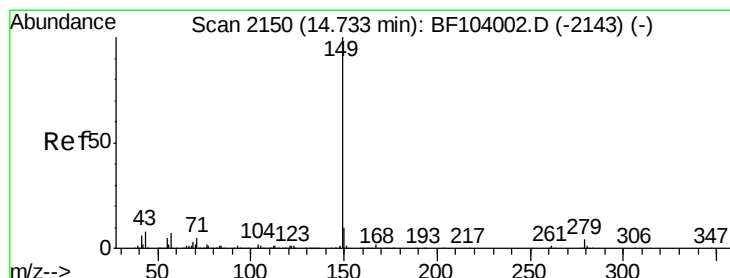
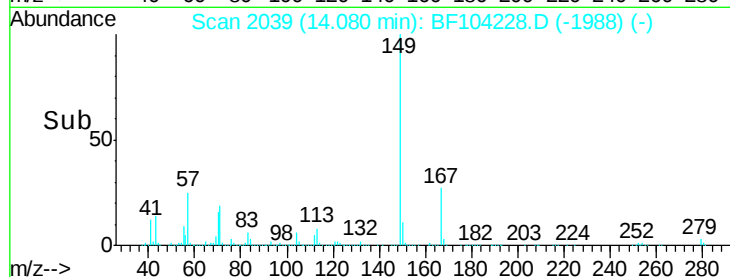
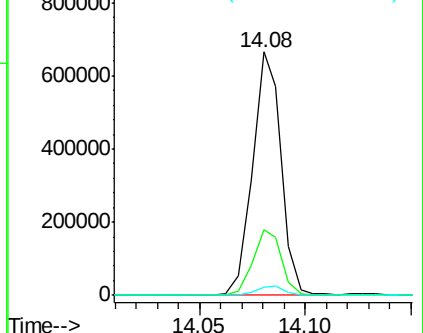
279 3.3 3.0 4.4



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: 37.831 ng

RT: 14.70 min Scan# 2145

Delta R.T. 0.00 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

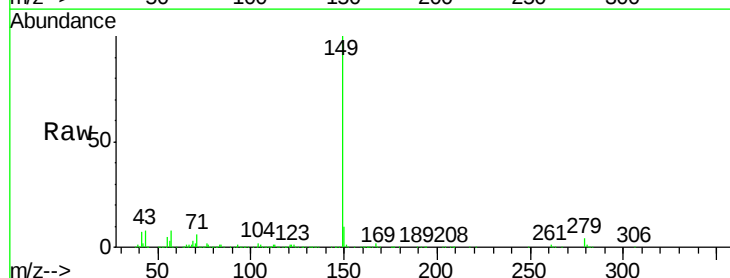
Tgt Ion:149 Resp: 1001643

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

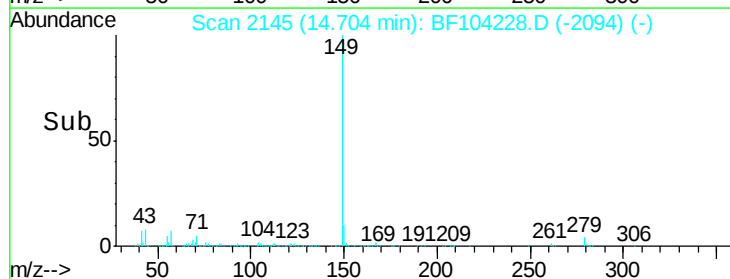
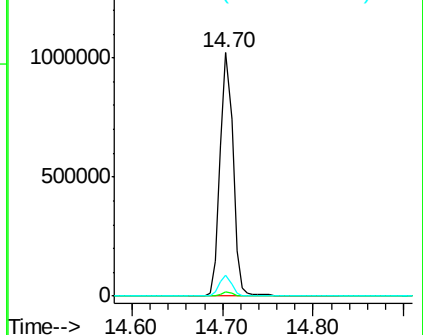
43 7.9 8.4 12.6#

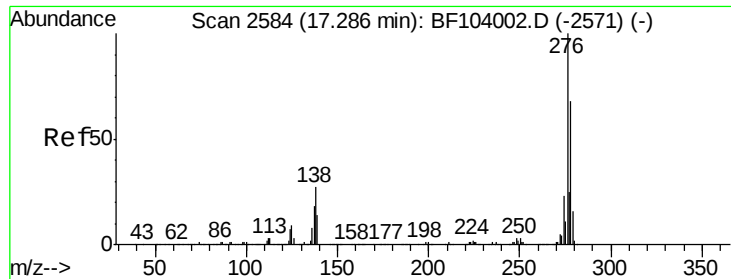


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

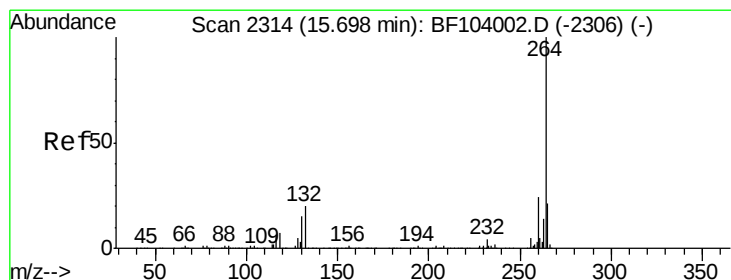
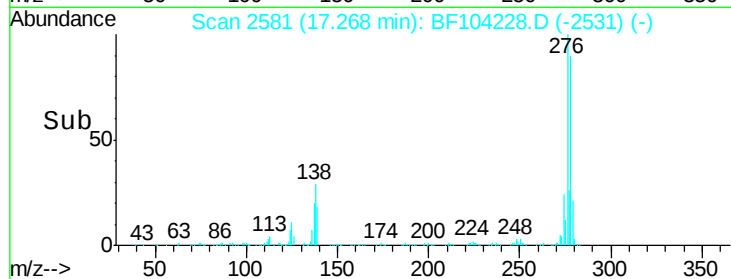
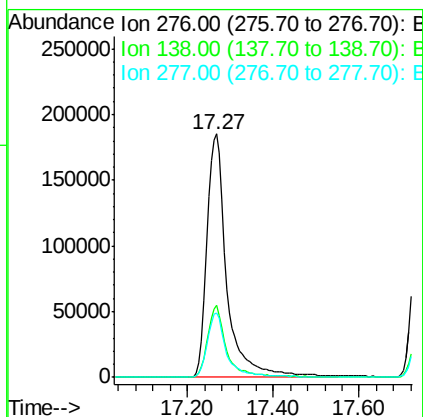
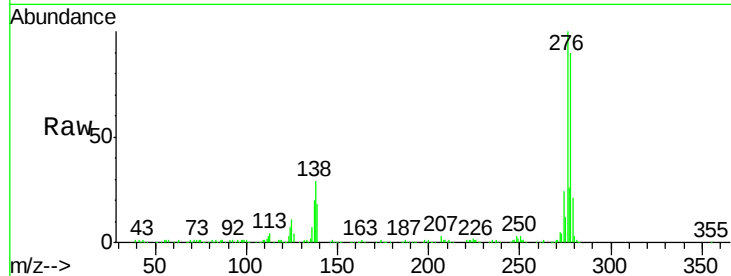




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 26.542 ng
 RT: 17.27 min Scan# 2581
 Delta R.T. -0.01 min
 Lab File: BF104228.D
 Acq: 4 Apr 2018 16:36

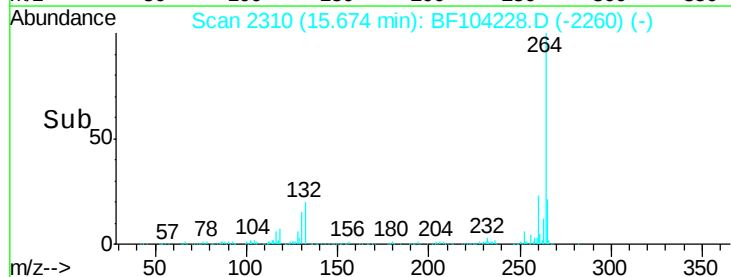
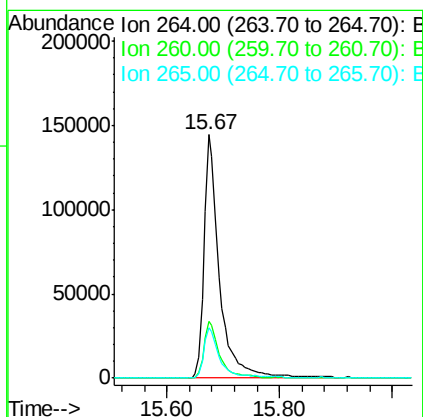
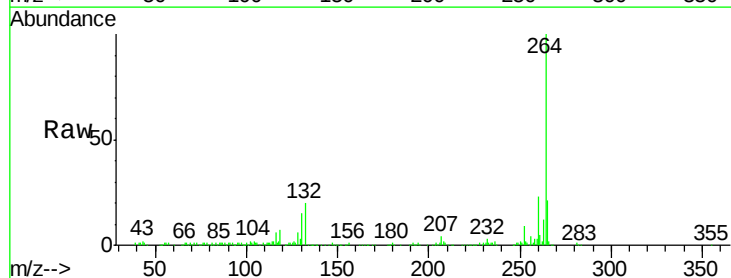
Instrument :
 BNA_F
 ClientSampleId :

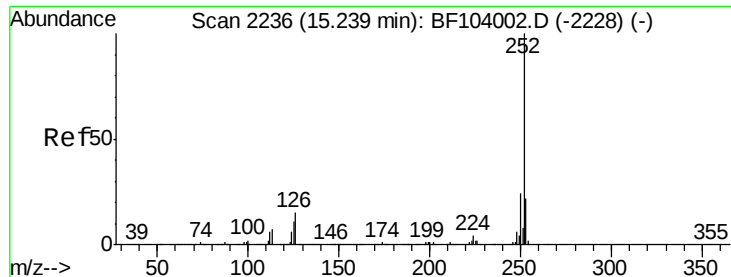
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.3	25.0	37.6
277	25.3	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2310
 Delta R.T. -0.01 min
 Lab File: BF104228.D
 Acq: 4 Apr 2018 16:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.8	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 38.203 ng

RT: 15.22 min Scan# 2232

Delta R.T. -0.01 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

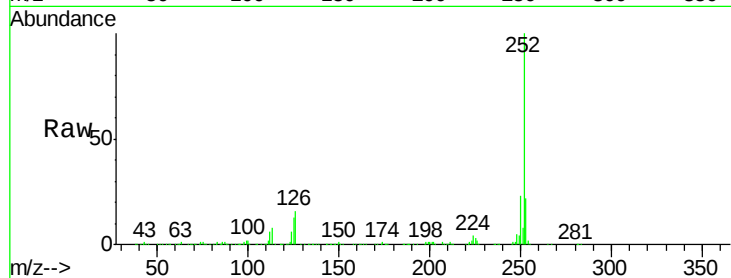
Tot Ion:252 Resp: 640320

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

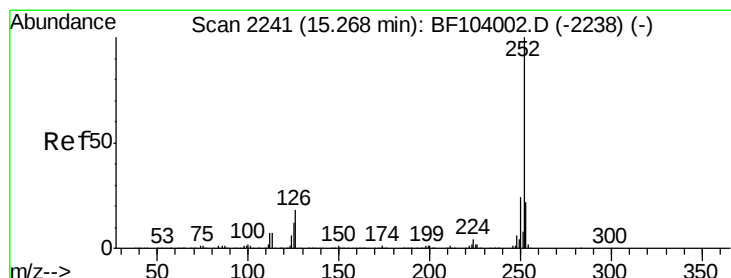
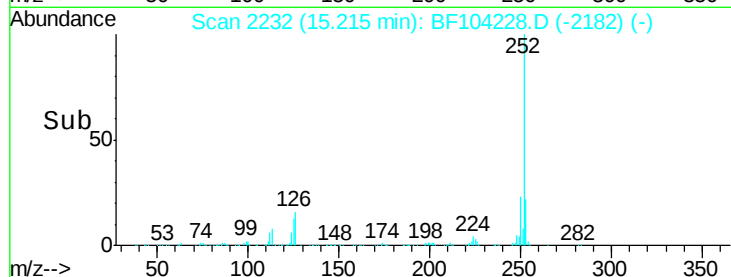
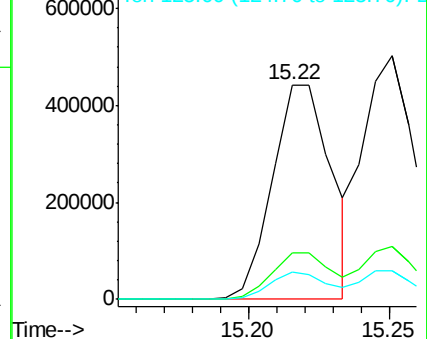
125 12.5 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 49.659 ng

RT: 15.25 min Scan# 2238

Delta R.T. 0.00 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

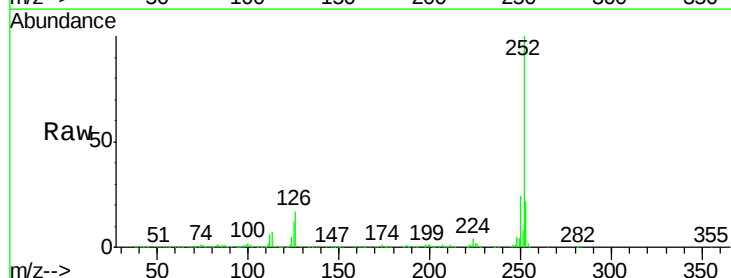
Tgt Ion:252 Resp: 784060

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

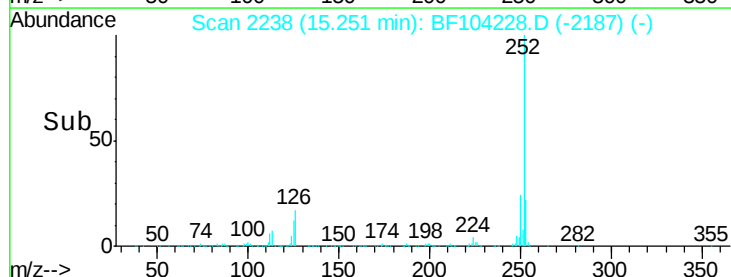
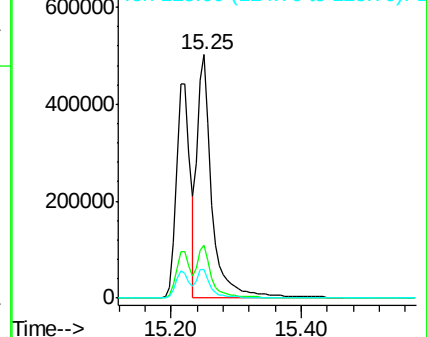
125 11.9 10.2 15.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

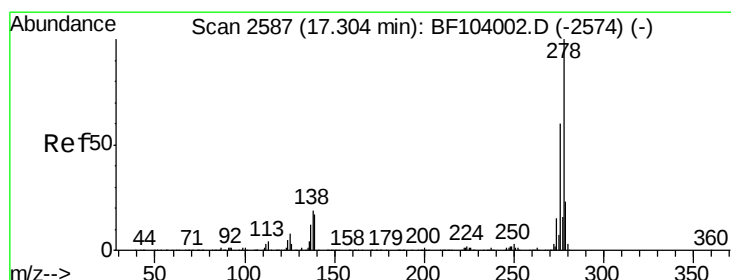
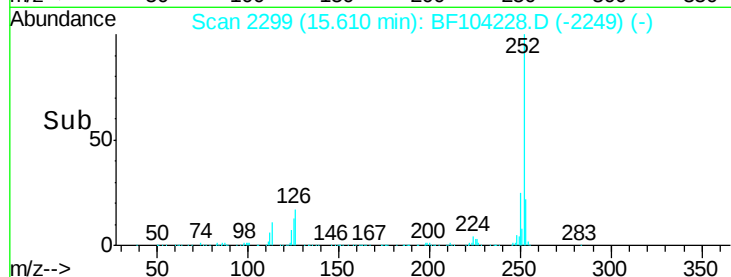
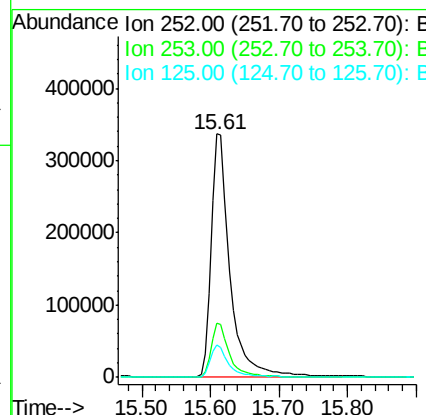
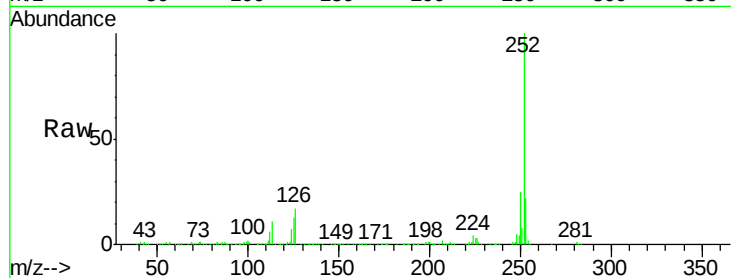




#89
Benzo(a)pyrene
Concen: 41.377 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

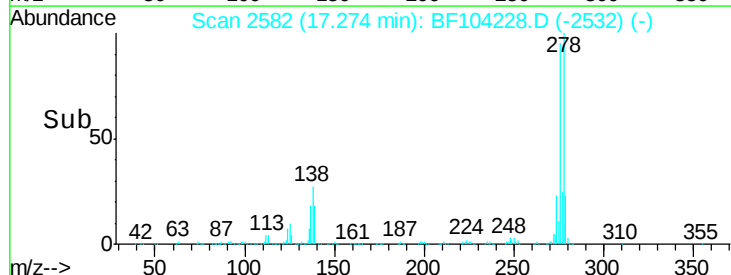
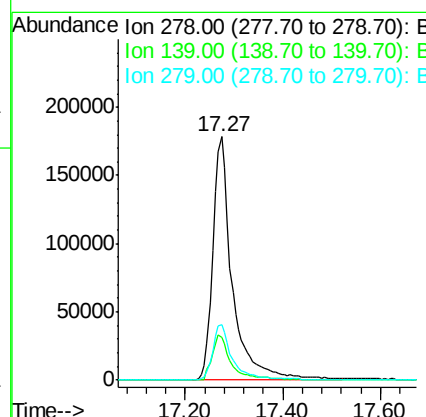
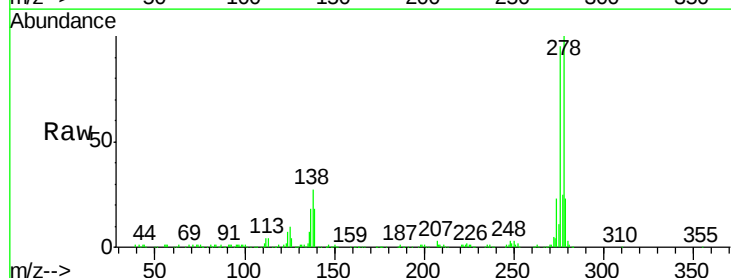
Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 642678
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 13.2 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 34.629 ng
RT: 17.27 min Scan# 2582
Delta R.T. -0.01 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Tgt Ion:278 Resp: 497291
Ion Ratio Lower Upper
278 100
139 17.6 15.9 23.9
279 22.9 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 33.448 ng
 RT: 17.74 min Scan# 2662
 Delta R.T. -0.01 min
 Lab File: BF104228.D
 Acq: 4 Apr 2018 16:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
481114	276	100		
	277	23.5	17.9	26.9
	138	23.3	21.8	32.8

