

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
 Data File : BF104061.D
 Acq On : 29 Mar 2018 19:47
 Operator : JU/SJ
 Sample : PB107795BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 30 03:53:06 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 13:41:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	113429	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	470896	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	214309	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	362656	20.00	ng	0.00
75) Chrysene-d12	14.16	240	226563	20.00	ng	0.00
86) Perylene-d12	15.70	264	216307	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	743592	104.54	ng	0.00
7) Phenol-d6	6.60	99	899348	102.77	ng	0.00
23) Nitrobenzene-d5	7.53	82	557737	72.43	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	238784	100.06	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1089122	80.14	ng	0.00
78) Terphenyl-d14	13.09	244	900997	91.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.89	88	91658	29.879	ng	# 86
3) Pyridine	3.67	79	204730	26.362	ng	# 83
4) n-Nitrosodimethylamine	3.65	42	60742	26.314	ng	# 87
6) Aniline	6.64	93	193723	18.493	ng	# 78
8) 2-Chlorophenol	6.76	128	292788	37.526	ng	96
9) Benzaldehyde	6.53	77	85610	15.538	ng	90
10) Phenol	6.62	94	315998	32.591	ng	96
11) bis(2-Chloroethyl)ether	6.70	93	268169	32.097	ng	92
12) 1,3-Dichlorobenzene	6.91	146	288440	32.888	ng	98
13) 1,4-Dichlorobenzene	6.99	146	330270	35.145	ng	99
14) 1,2-Dichlorobenzene	7.13	146	288613	34.169	ng	100
15) Benzyl Alcohol	7.11	79	193000	33.922	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.23	45	317112	34.838	ng	55
17) 2-Methylphenol	7.22	107	223331	35.169	ng	92
18) Hexachloroethane	7.47	117	95307	30.291	ng	97
19) n-Nitroso-di-n-propylamine	7.37	70	183398	35.315	ng	94
20) 3+4-Methylphenols	7.37	107	271169	33.459	ng	# 52
22) Acetophenone	7.37	105	407325	35.751	ng	# 97
24) Nitrobenzene	7.55	77	262836	32.442	ng	99
25) Isophorone	7.78	82	526876	37.129	ng	99
26) 2-Nitrophenol	7.87	139	139926	33.087	ng	90
27) 2,4-Dimethylphenol	7.90	122	248453	40.736	ng	98
28) bis(2-Chloroethoxy)methane	7.99	93	332276	37.361	ng	98
29) 2,4-Dichlorophenol	8.11	162	233909	36.718	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	249881	34.571	ng	98
31) Naphthalene	8.27	128	850222	36.958	ng	100
32) Benzoic acid	8.02	122	96471	21.592	ng	89
33) 4-Chloroaniline	8.33	127	109274	11.267	ng	96
34) Hexachlorobutadiene	8.37	225	133921	34.048	ng	98
35) Caprolactam	8.69	113	67530	33.431	ng	# 81
36) 4-Chloro-3-methylphenol	8.80	107	250357	37.155	ng	97
37) 2-Methylnaphthalene	8.96	142	541599	35.741	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	240520	36.599	ng	98
40) Hexachlorocyclopentadiene	9.10	237	93427	33.555	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	141145	33.918	ng	99
43) 2,4,5-Trichlorophenol	9.29	196	172421	34.316	ng	96
45) 1,1'-Biphenyl	9.42	154	660928	35.933	ng	99
46) 2-Chloronaphthalene	9.45	162	512060	35.293	ng	100
47) 2-Nitroaniline	9.56	65	144812	35.002	ng	93
48) Acenaphthylene	9.87	152	752411	34.230	ng	100
49) Dimethylphthalate	9.72	163	598717	35.384	ng	99
50) 2,6-Dinitrotoluene	9.79	165	125529	34.483	ng	92
51) Acenaphthene	10.04	154	418972	32.949	ng	99
52) 3-Nitroaniline	9.97	138	91063	21.761	ng	99
53) 2,4-Dinitrophenol	10.09	184	35793	26.526	ng	# 40
54) Dibenzofuran	10.22	168	662327	35.669	ng	99
55) 4-Nitrophenol	10.14	139	145888	58.143	ng	97
56) 2,4-Dinitrotoluene	10.20	165	159338	34.302	ng	# 94
57) Fluorene	10.56	166	525211	34.289	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	137267	36.464	ng	# 86
59) Diethylphthalate	10.42	149	568483	35.071	ng	99
60) 4-Chlorophenyl-phenylether	10.55	204	254549	36.183	ng	95
61) 4-Nitroaniline	10.60	138	112232	28.663	ng	95
62) Azobenzene	10.71	77	508323	34.681	ng	92
64) 4,6-Dinitro-2-methylphenol	10.62	198	35470	16.158	ng	80
65) n-Nitrosodiphenylamine	10.67	169	472035	38.433	ng	98
66) 4-Bromophenyl-phenylether	11.04	248	145861	37.594	ng	# 89
67) Hexachlorobenzene	11.10	284	158460	35.505	ng	94
68) Atrazine	11.19	200	142230	37.800	ng	99
69) Pentachlorophenol	11.30	266	138152	56.252	ng	96
70) Phenanthrene	11.53	178	687225	35.001	ng	99
71) Anthracene	11.58	178	765418	37.321	ng	99
72) Carbazole	11.74	167	671173	34.288	ng	99
73) Di-n-butylphthalate	12.04	149	854163	36.634	ng	99
74) Fluoranthene	12.72	202	663893	31.810	ng	98
76) Benzidine	12.85	184	364175	56.404	ng	98
77) Pyrene	12.95	202	635294	39.007	ng	99
79) Butylbenzylphthalate	13.55	149	307418	40.065	ng	97
80) Benzo(a)anthracene	14.14	228	499954	35.267	ng	98
81) 3,3'-Dichlorobenzidine	14.10	252	165652	35.302	ng	99
82) Chrysene	14.19	228	499820	35.997	ng	98
83) Bis(2-ethylhexyl)phthalate	14.10	149	393740	39.715	ng	100
84) Di-n-octyl phthalate	14.73	149	609944	35.765	ng	# 95
85) Indeno(1,2,3-cd)pyrene	17.30	276	506429	35.197	ng	97
87) Benzo(b)fluoranthene	15.24	252	461244	35.038	ng	99
88) Benzo(k)fluoranthene	15.27	252	450656	36.341	ng	99
89) Benzo(a)pyrene	15.63	252	447156	36.654	ng	99
90) Dibenzo(a,h)anthracene	17.30	278	436209	38.675	ng	98
91) Benzo(g,h,i)perylene	17.77	276	414891	36.725	ng	97

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

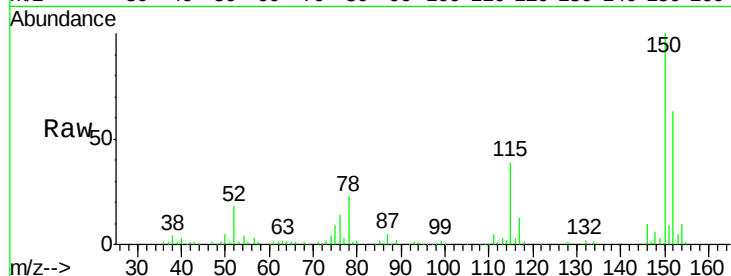


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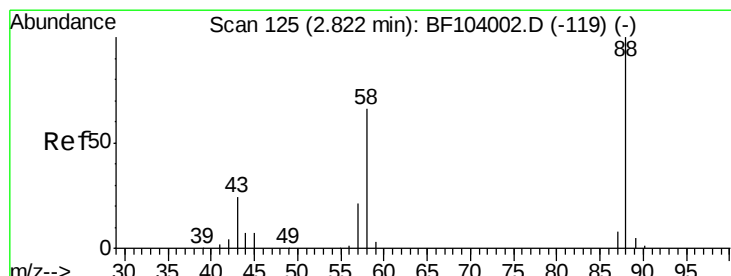
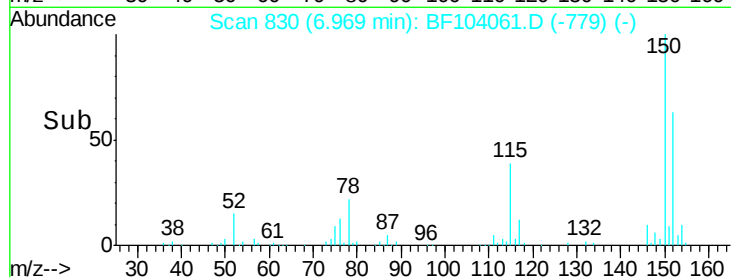
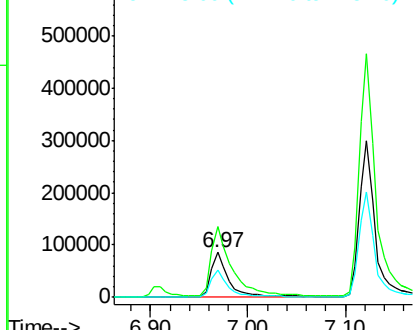
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 113429
Ion Ratio Lower Upper
152 100
150 158.0 124.6 186.8
115 61.6 50.1 75.1



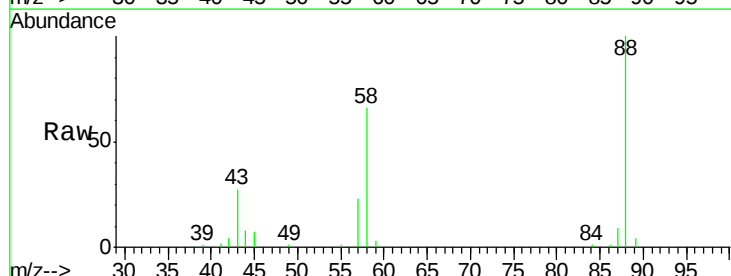
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



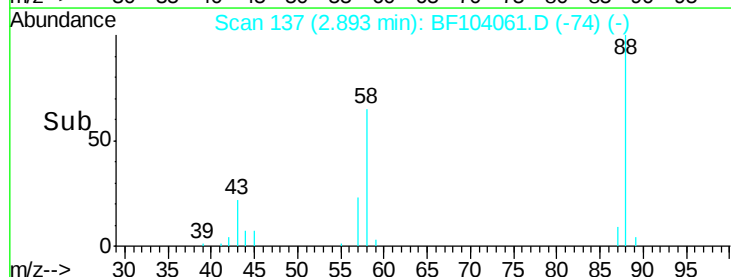
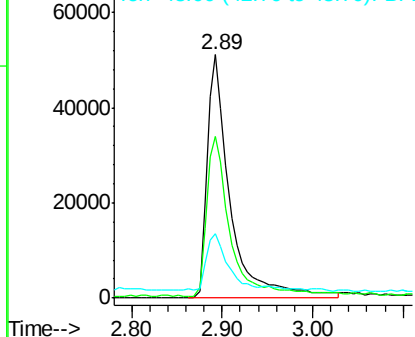
#2

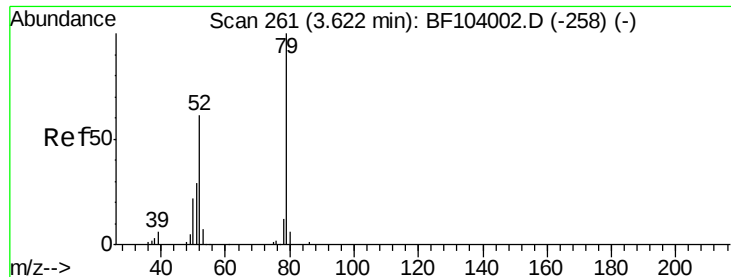
1,4-Dioxane
Concen: 29.879 ng
RT: 2.89 min Scan# 137
Delta R.T. 0.07 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Tgt Ion: 88 Resp: 91658
Ion Ratio Lower Upper
88 100
58 67.7 62.6 93.8
43 21.3 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: 26.362 ng

RT: 3.67 min Scan# 270

Delta R.T. 0.05 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

Instrument :

BNA_F

ClientSampleId :

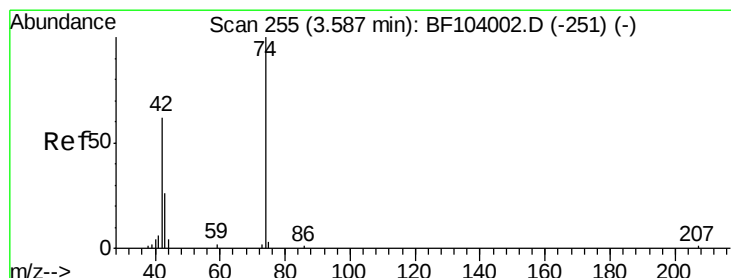
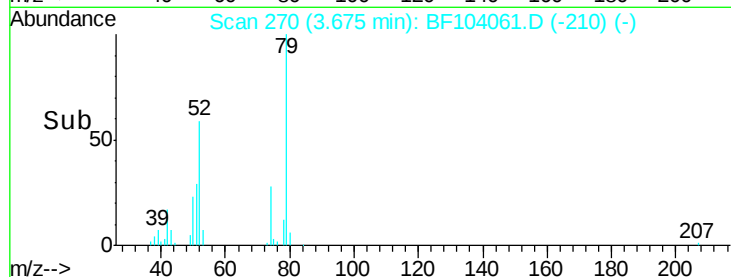
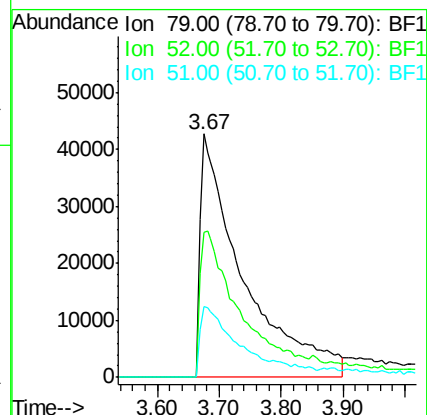
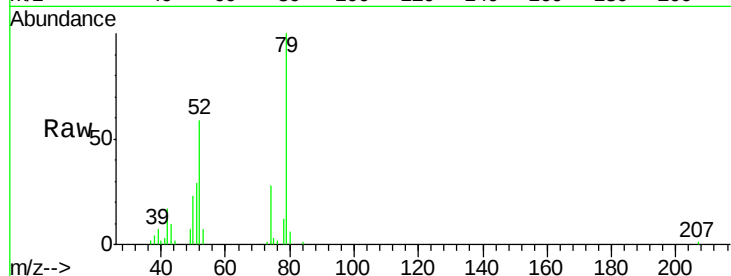
Tot Ion: 79 Resp: 204730

Ion Ratio Lower Upper

79 100

52 59.5 59.8 89.6#

51 28.9 29.8 44.8#



#4

n-Nitrosodimethylamine

Concen: 26.314 ng

RT: 3.65 min Scan# 265

Delta R.T. 0.06 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

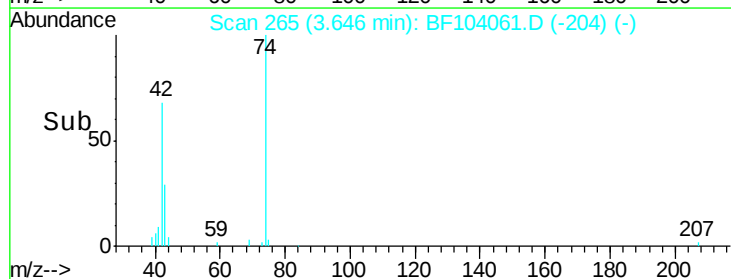
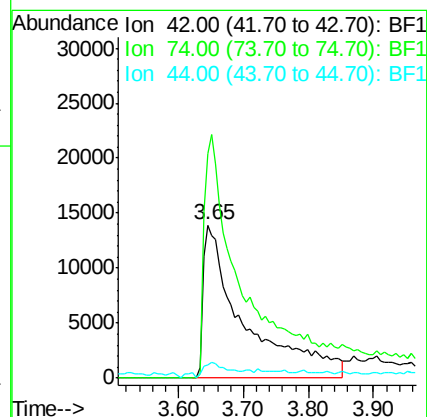
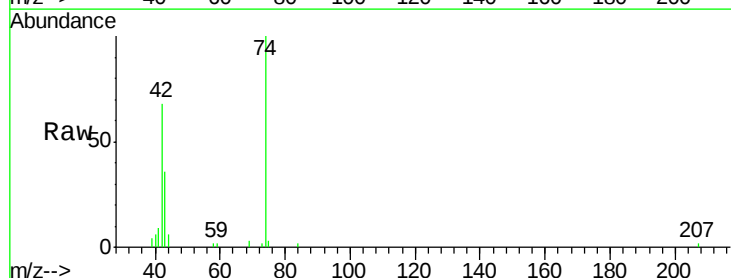
Tgt Ion: 42 Resp: 60742

Ion Ratio Lower Upper

42 100

74 147.0 104.9 157.3

44 8.6 6.9 10.3





#5

2-Fluorophenol

Concen: 104.545 ng

RT: 5.60 min Scan# 598

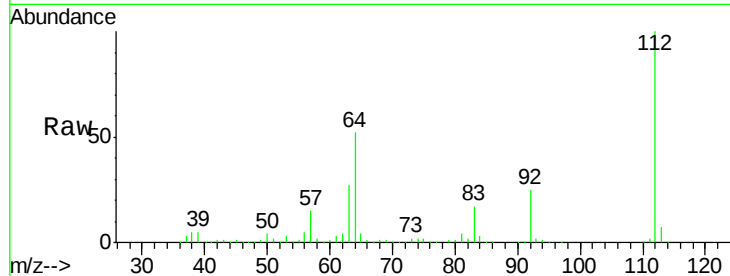
Delta R.T. 0.01 min

Lab File: BF104061.D

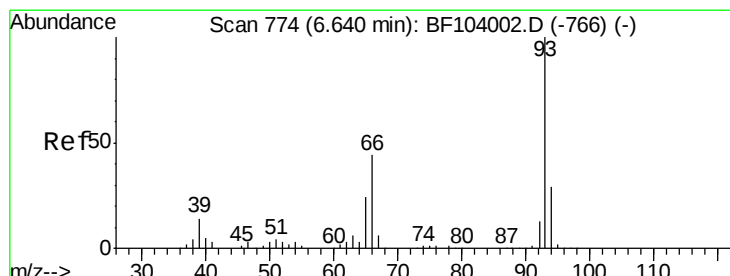
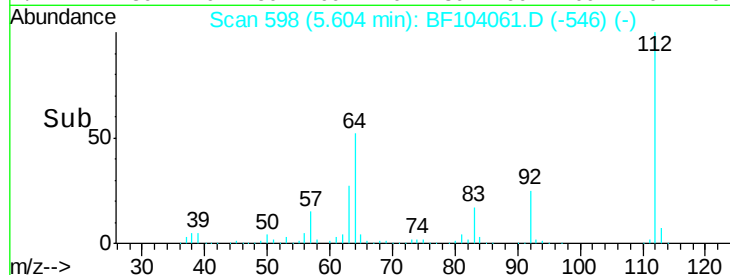
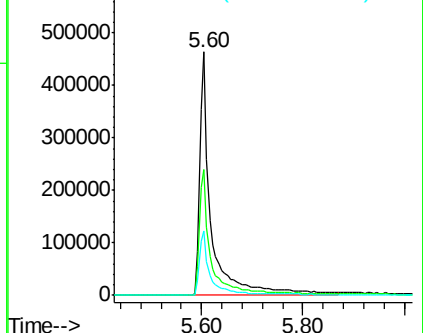
Acq: 29 Mar 2018 19:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	743592
Ion	Ratio	Lower	Upper
112	100		
64	51.6	47.9	71.9
63	26.6	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 18.493 ng

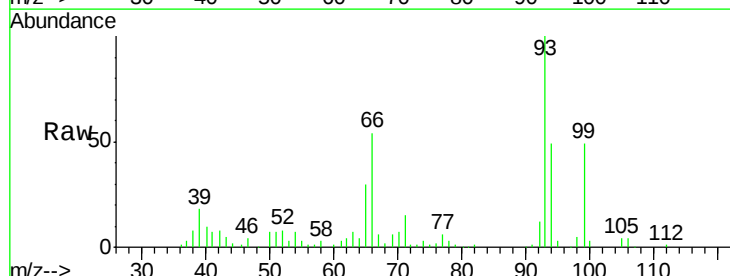
RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

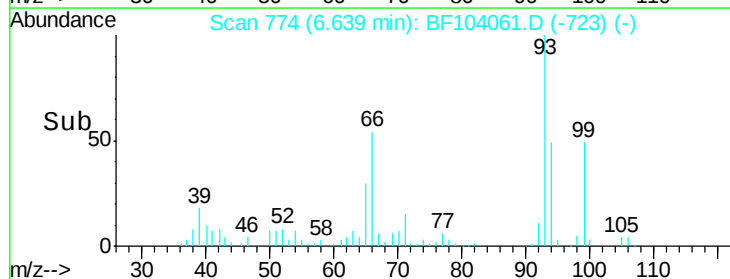
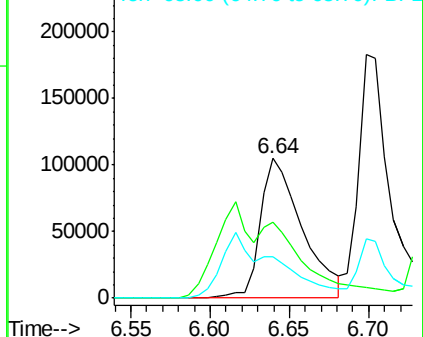
Lab File: BF104061.D

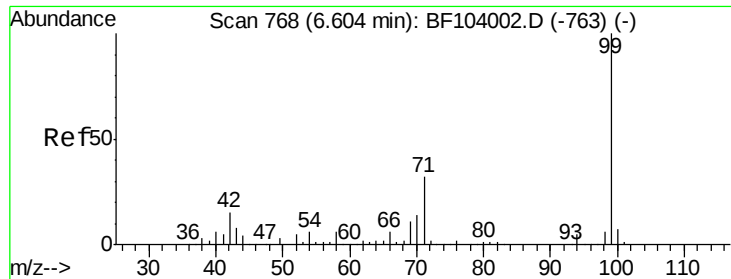
Acq: 29 Mar 2018 19:47

Tgt Ion:	93	Resp:	193723
Ion	Ratio	Lower	Upper
93	100		
66	54.4	32.2	48.2#
65	29.7	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: 102.774 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

Instrument :

BNA_F

ClientSampleId :

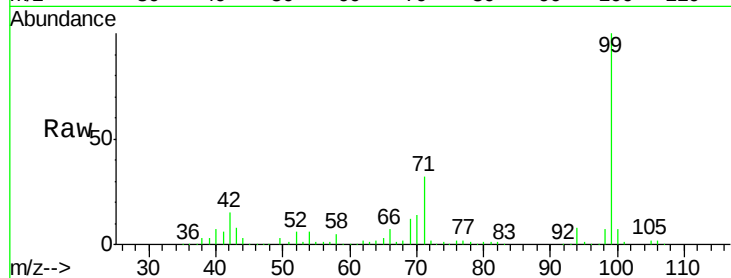
Tot Ion: 99 Resp: 899348

Ion Ratio Lower Upper

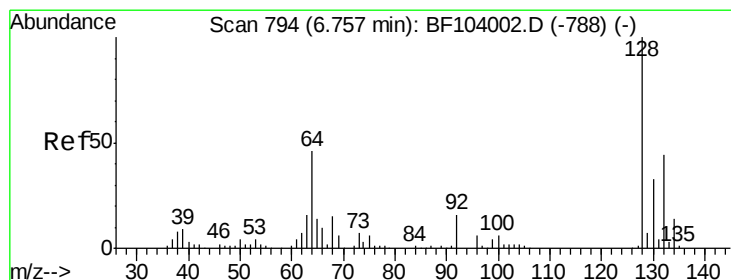
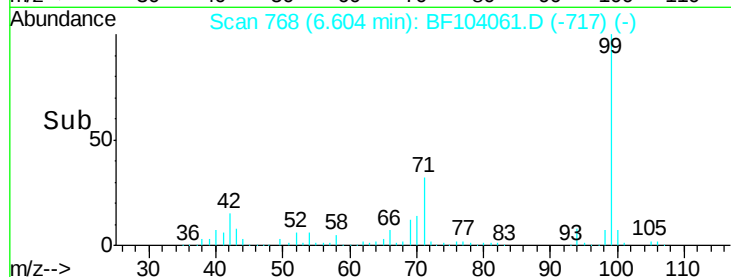
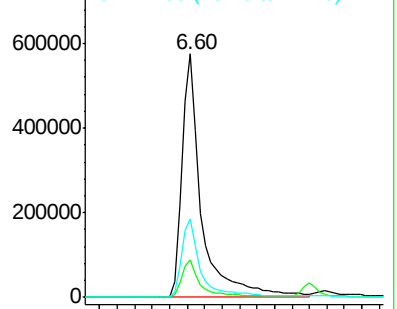
99 100

42 15.5 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: 37.526 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

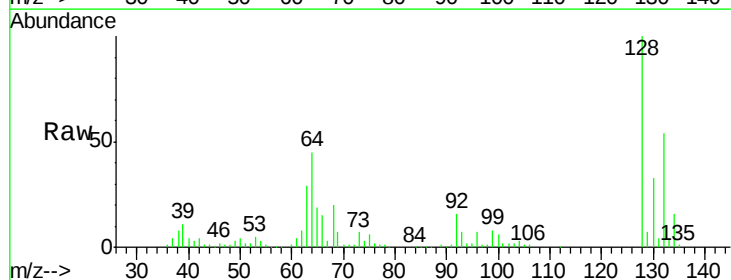
Tgt Ion: 128 Resp: 292788

Ion Ratio Lower Upper

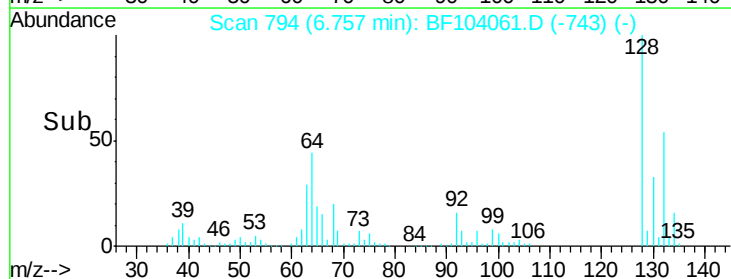
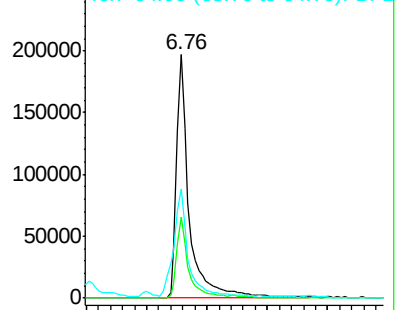
128 100

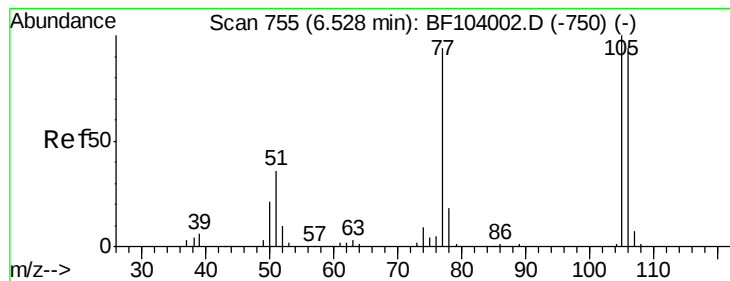
130 33.3 13.0 53.0

64 44.7 29.4 69.4



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





#9

Benzaldehyde

Concen: 15.538 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

Instrument :

BNA_F

ClientSampled :

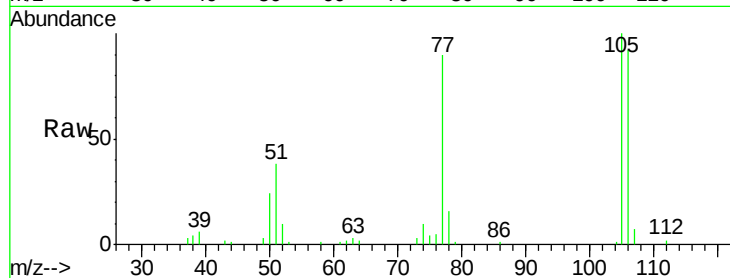
Tot Ion: 77 Resp: 85610

Ion Ratio Lower Upper

77 100

105 111.6 81.1 121.1

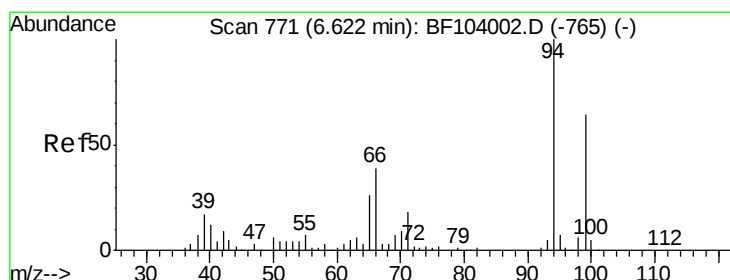
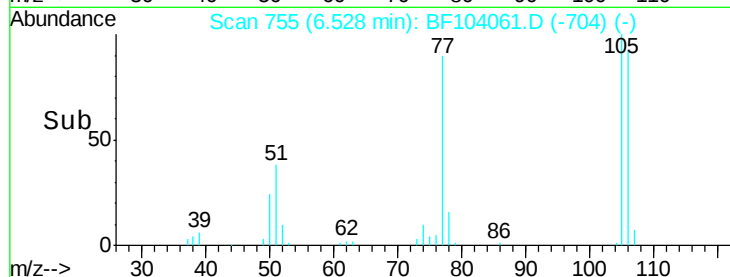
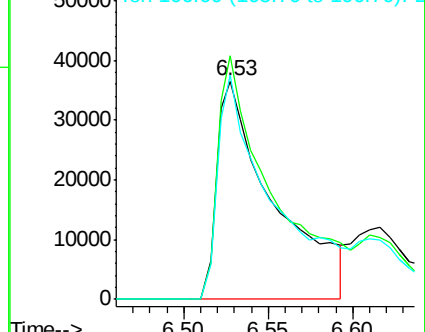
106 102.9 74.5 114.5



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: 32.591 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

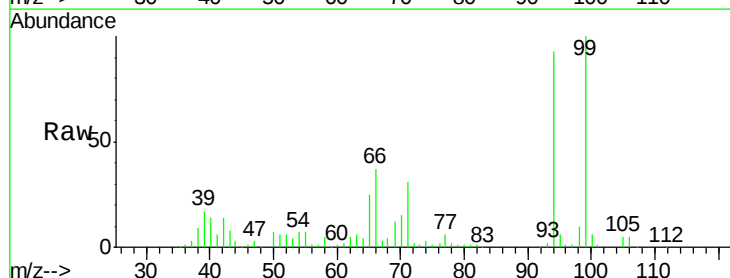
Tgt Ion: 94 Resp: 315998

Ion Ratio Lower Upper

94 100

65 26.4 7.9 47.9

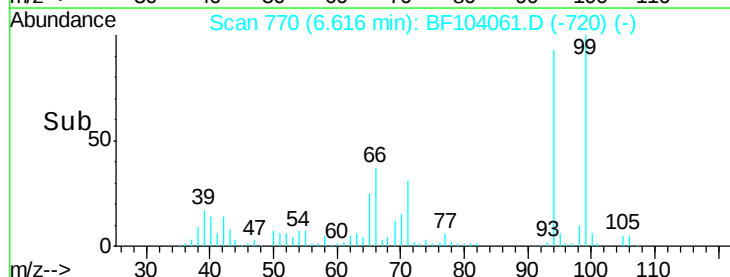
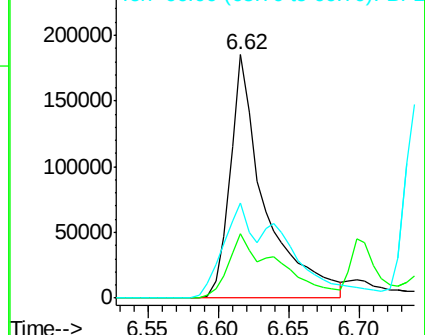
66 39.3 16.2 56.2

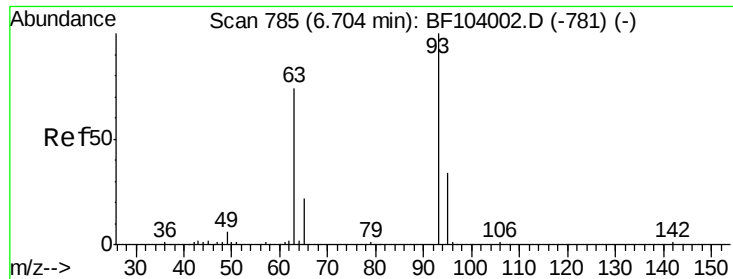


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

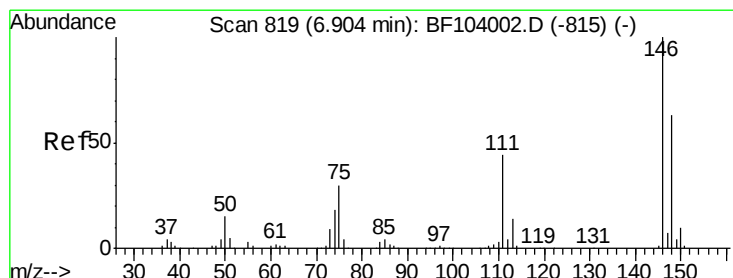
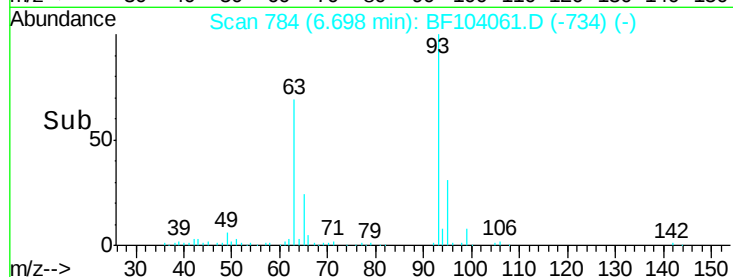
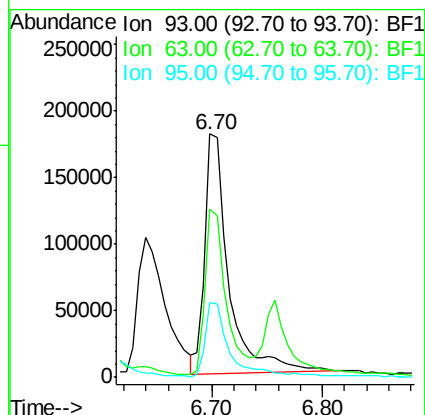
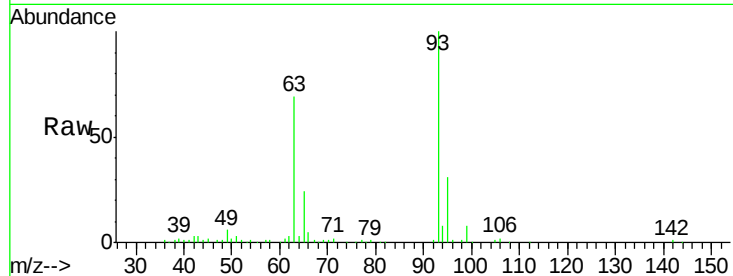




#11
bis(2-Chloroethyl)ether
Concen: 32.097 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

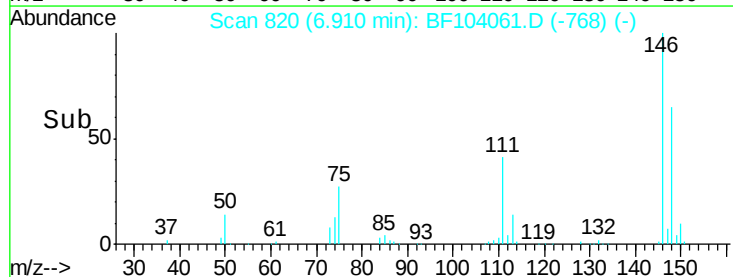
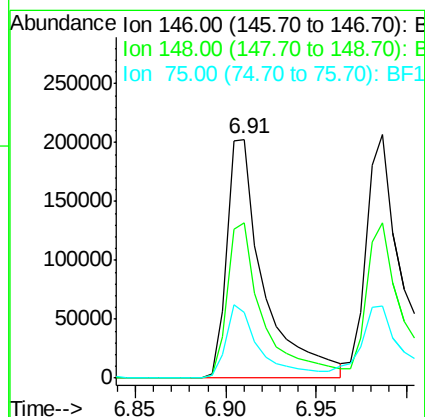
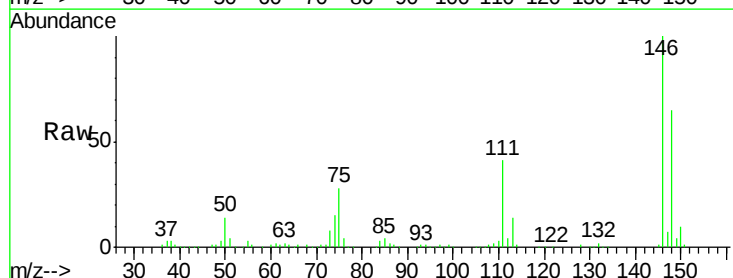
Instrument :
BNA_F
ClientSampled :

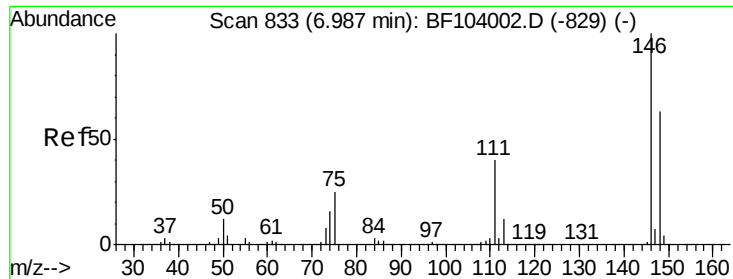
Tot Ion: 93 Resp: 268169
Ion Ratio Lower Upper
93 100
63 69.1 58.6 98.6
95 30.7 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 32.888 ng
RT: 6.91 min Scan# 820
Delta R.T. 0.01 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Tgt Ion: 146 Resp: 288440
Ion Ratio Lower Upper
146 100
148 65.0 51.8 77.8
75 27.7 24.2 36.4

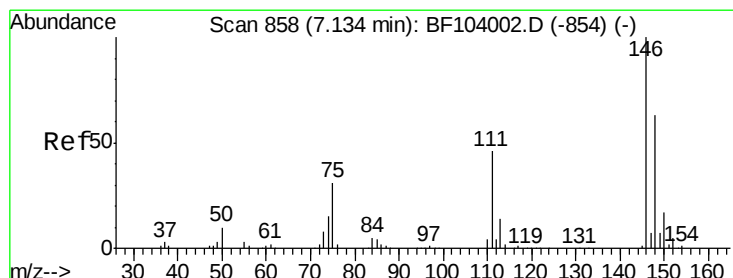
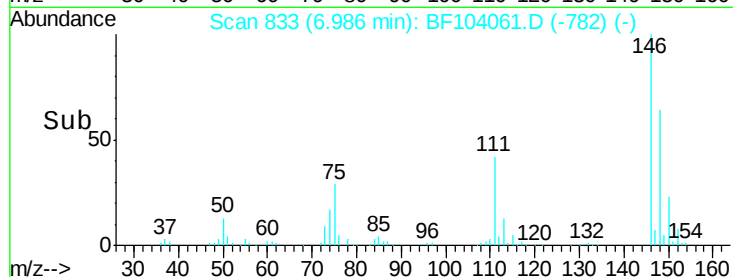
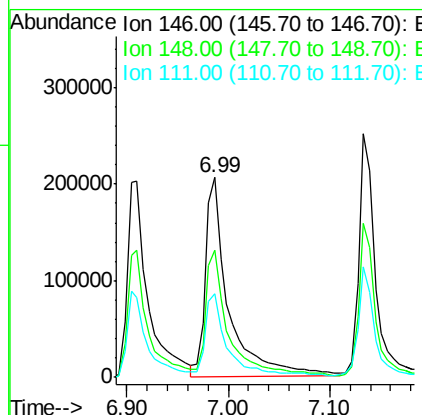
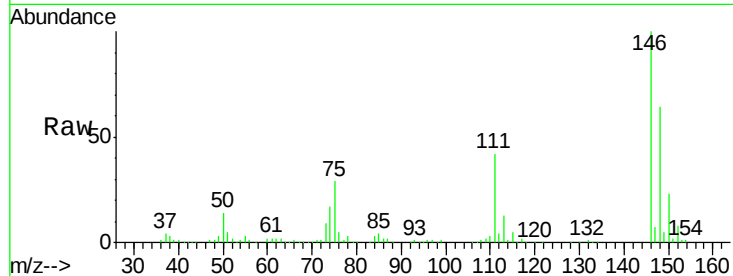




#13
 1,4-Dichlorobenzene
 Concen: 35.145 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

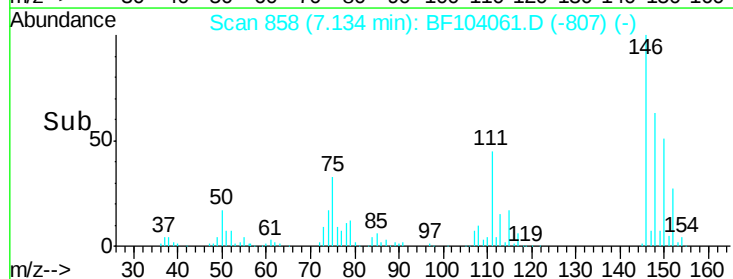
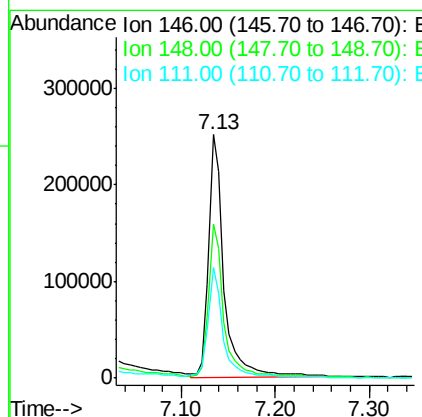
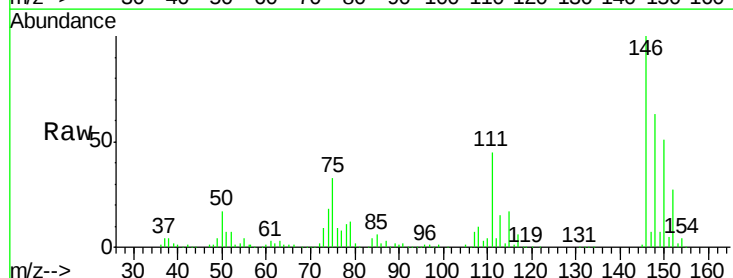
Instrument :
 BNA_F
 ClientSampleId :

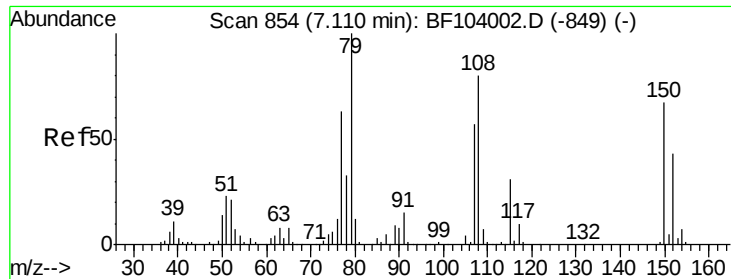
Tot Ion:146 Resp: 330270
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.8 76.2
 111 41.5 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 34.169 ng
 RT: 7.13 min Scan# 858
 Delta R.T. -0.00 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

Tgt Ion:146 Resp: 288613
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.6 75.8
 111 45.4 36.0 54.0

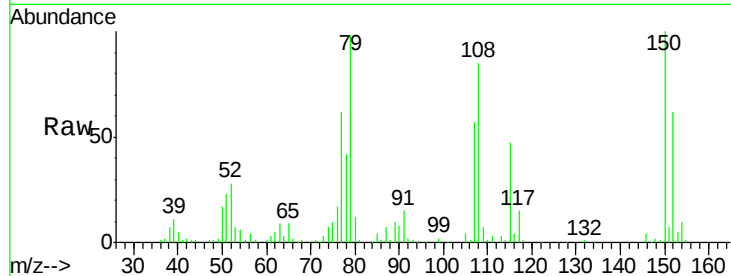




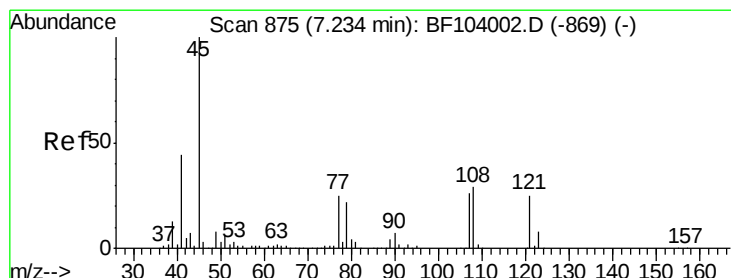
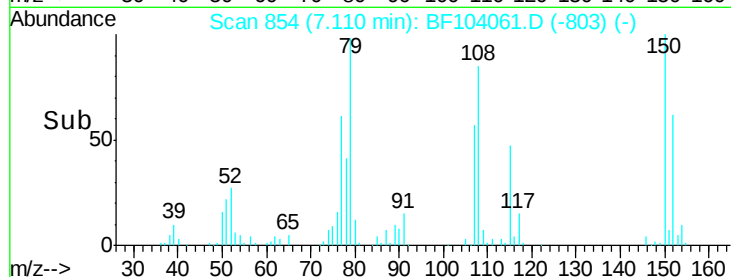
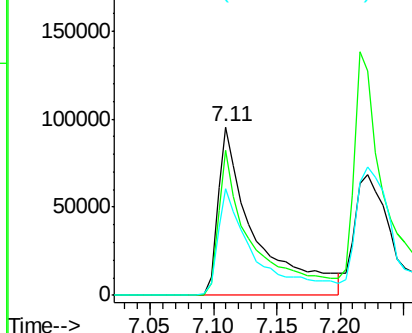
#15
Benzyl Alcohol
Concen: 33.922 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 193000
Ion Ratio Lower Upper
79 100
108 85.9 65.1 97.7
77 63.4 50.6 75.8

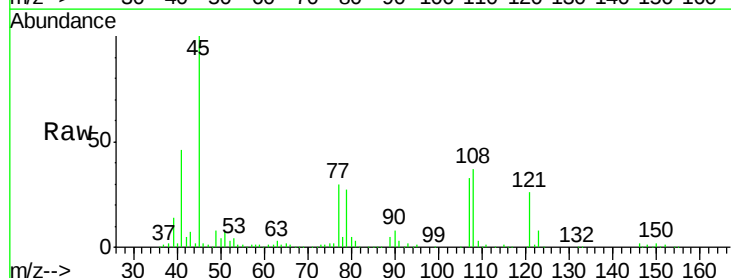


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

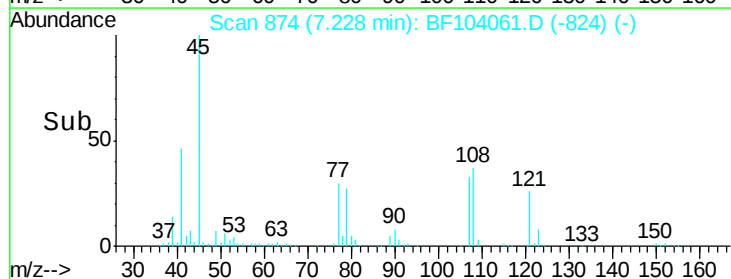
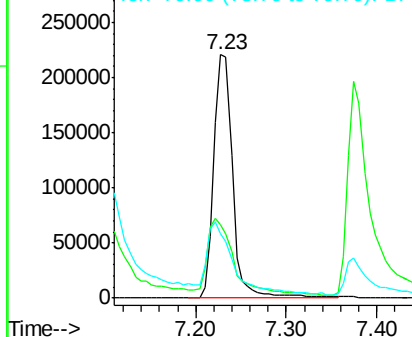


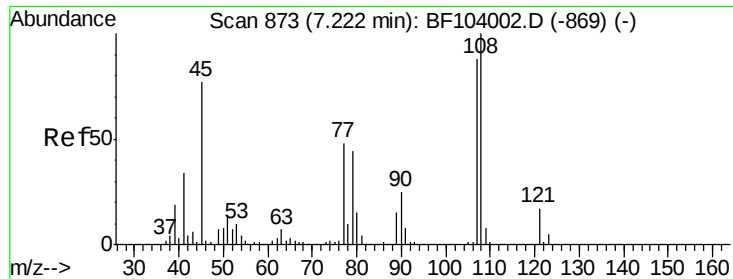
#16
2,2'-oxybis(1-chloropropane)
Concen: 34.838 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Tgt Ion: 45 Resp: 317112
Ion Ratio Lower Upper
45 100
77 30.3 0.0 32.9
79 26.6 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

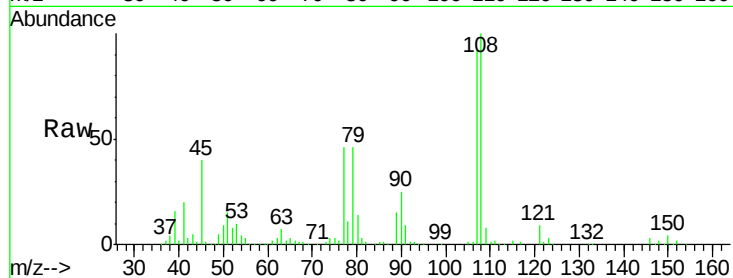




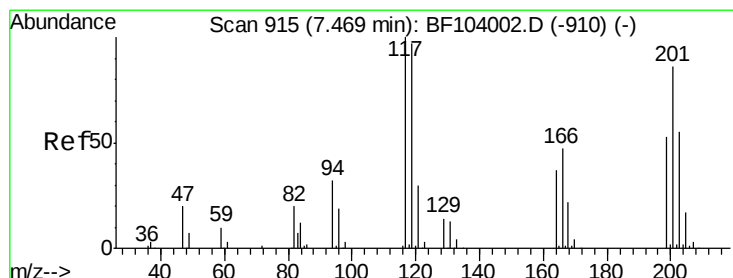
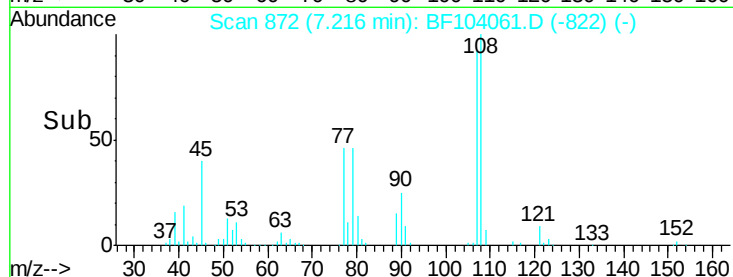
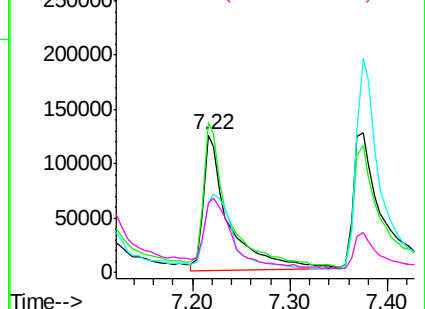
#17
2-Methylphenol
Concen: 35.169 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 223331
Ion Ratio Lower Upper
107 100
108 109.1 91.7 137.5
77 50.7 33.8 50.8
79 50.1 33.8 50.8

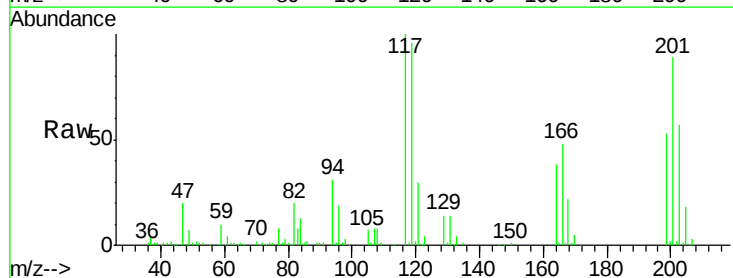


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

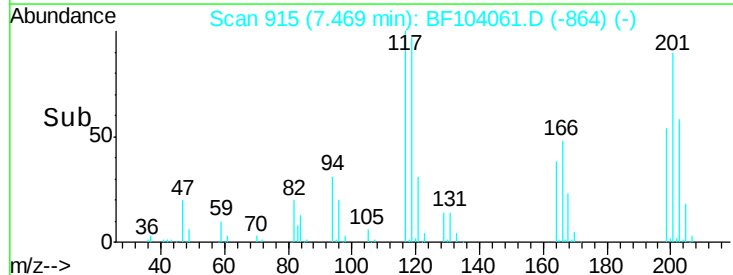
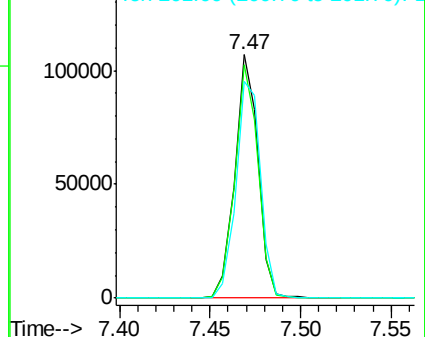


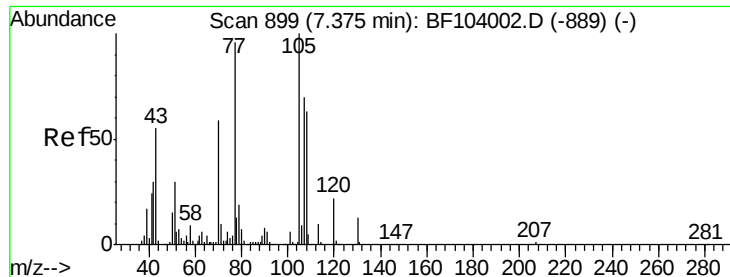
#18
Hexachloroethane
Concen: 30.291 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Tgt Ion:117 Resp: 95307
Ion Ratio Lower Upper
117 100
119 95.9 75.8 113.8
201 88.9 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

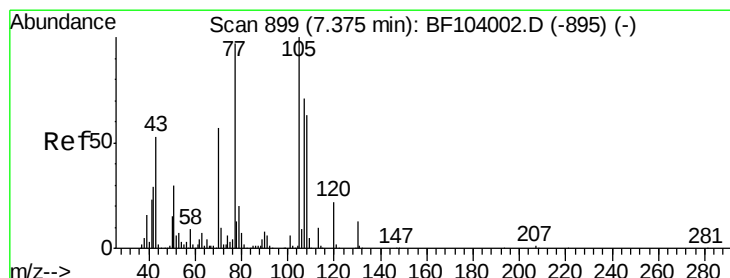
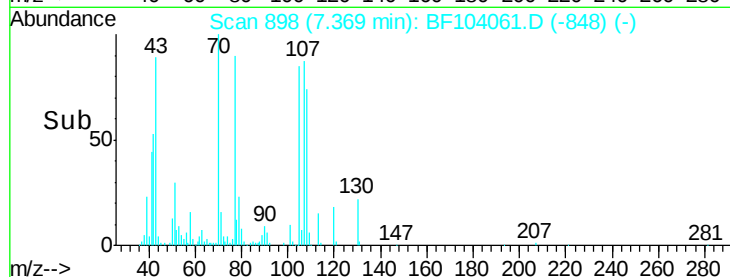
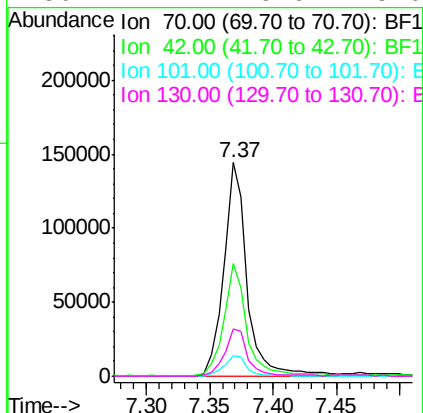
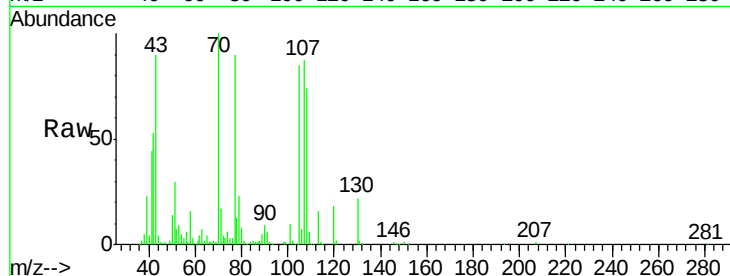




#19
n-Nitroso-di-n-propylamine
Concen: 35.315 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

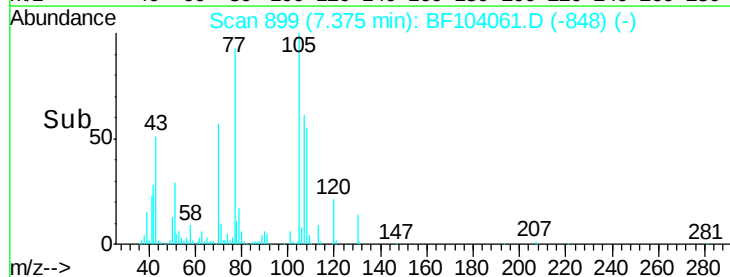
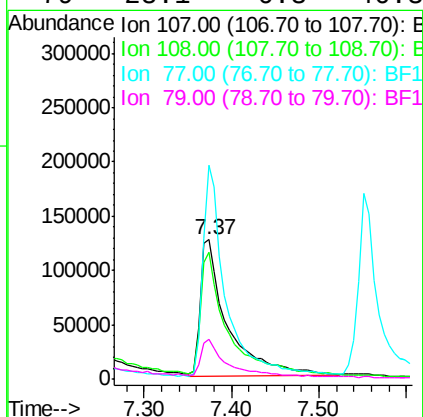
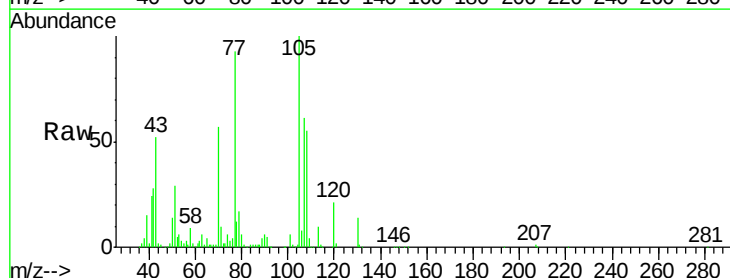
Instrument :
BNA_F
ClientSampled :

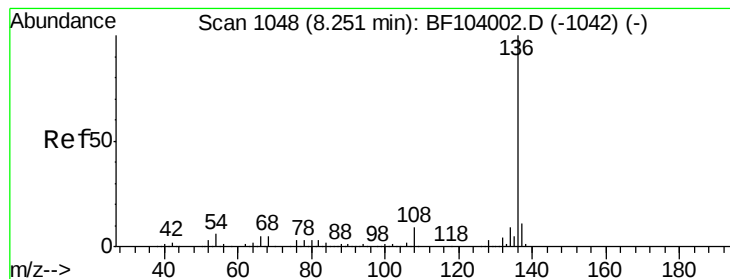
Tot Ion: 70 Resp: 183398
Ion Ratio Lower Upper
70 100
42 53.0 47.5 71.3
101 9.6 7.4 11.2
130 22.1 16.6 25.0



#20
3+4-Methylphenols
Concen: 33.459 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Tgt Ion: 107 Resp: 271169
Ion Ratio Lower Upper
107 100
108 90.5 68.2 108.2
77 153.1 26.7 66.7#
79 28.1 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 470896

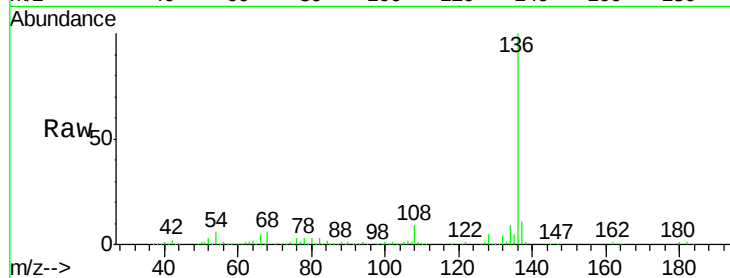
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.5 6.6 9.8#

68 5.5 5.0 7.4

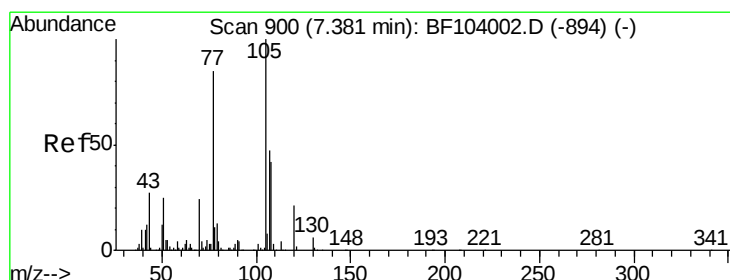
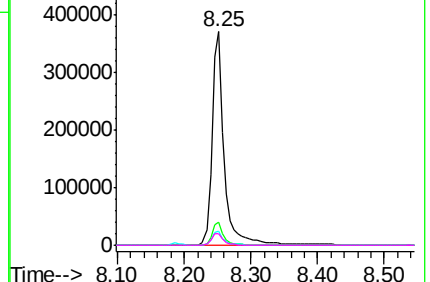
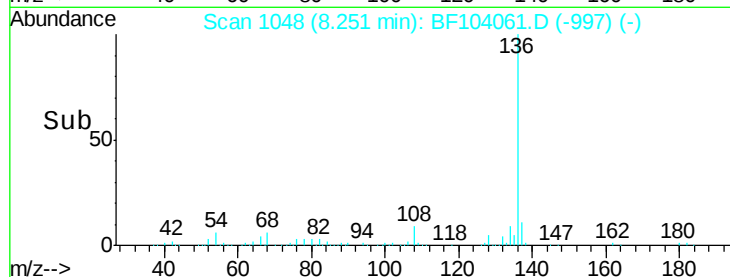


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 35.751 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

Tgt Ion:105 Resp: 407325

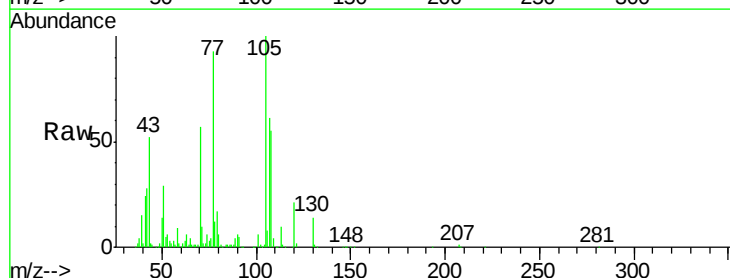
Ion Ratio Lower Upper

105 100

71 9.9 4.4 6.6#

51 29.4 22.3 33.5

120 21.3 16.9 25.3

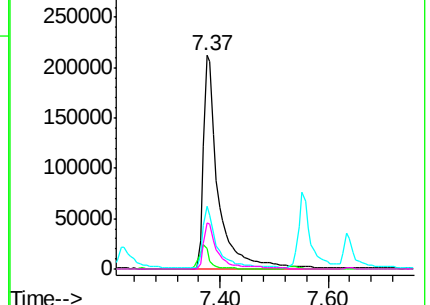
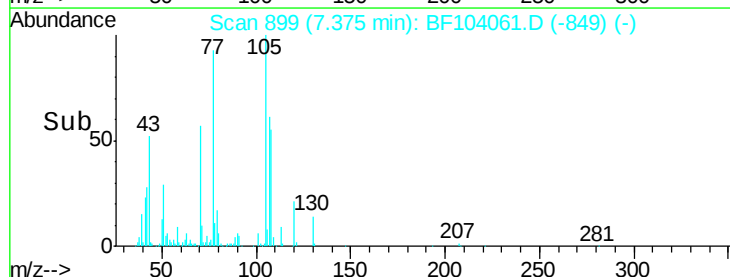


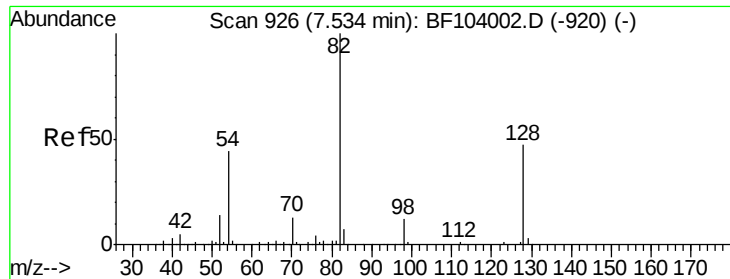
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

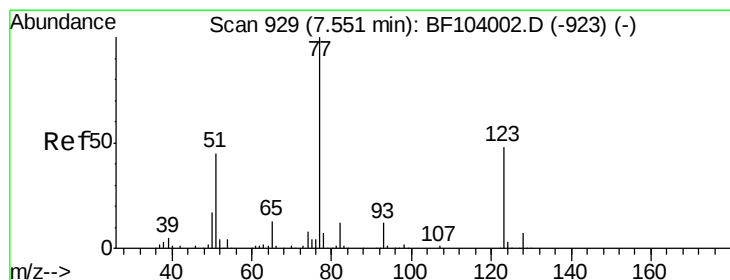
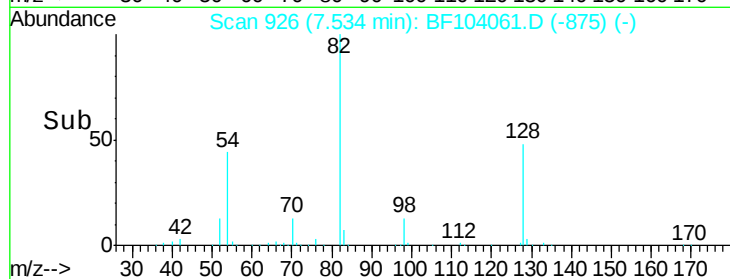
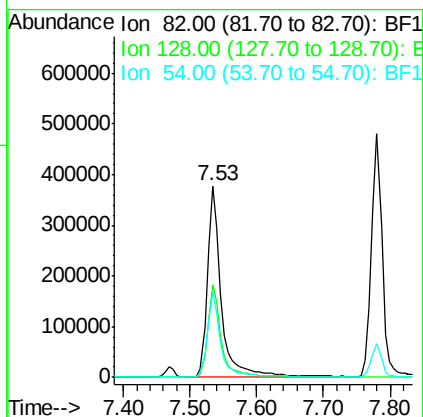
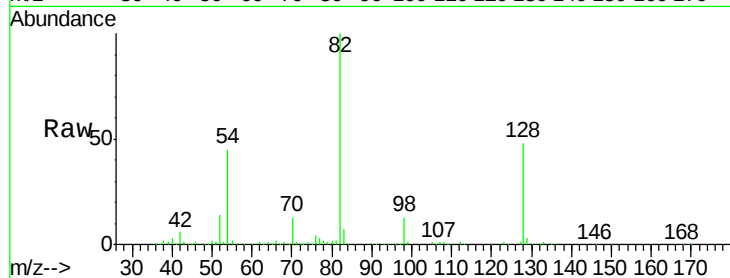




#23
 Nitrobenzene-d5
 Concen: 72.434 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

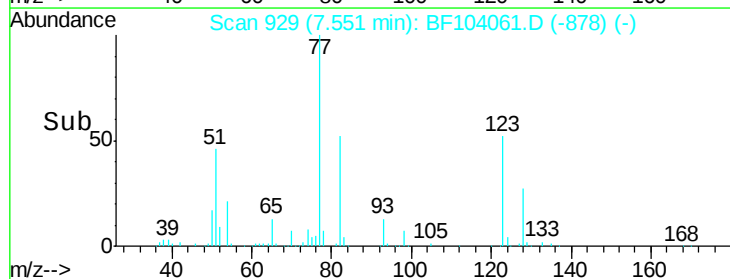
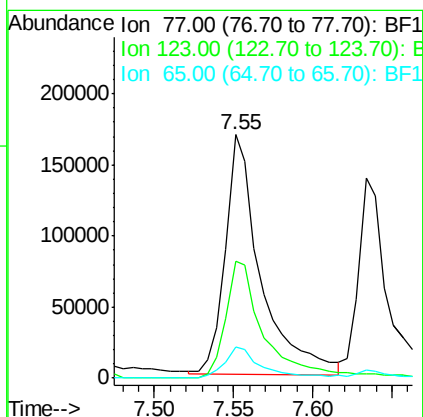
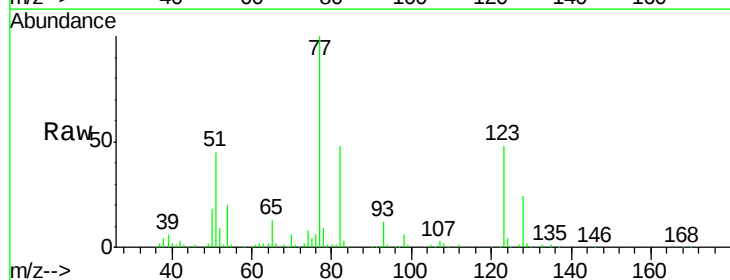
Instrument :
 BNA_F
 ClientSampleId :

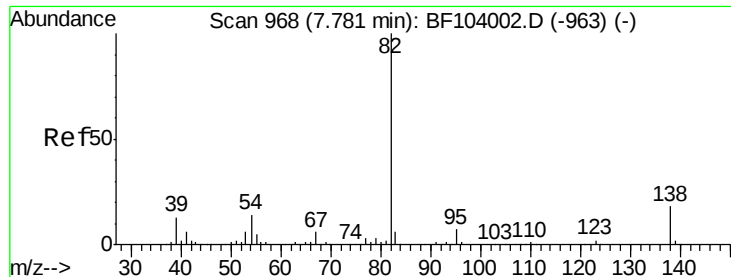
Tot Ion: 82 Resp: 557737
 Ion Ratio Lower Upper
 82 100
 128 48.2 36.1 54.1
 54 44.5 41.4 62.2



#24
 Nitrobenzene
 Concen: 32.442 ng
 RT: 7.55 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

Tgt Ion: 77 Resp: 262836
 Ion Ratio Lower Upper
 77 100
 123 48.3 37.9 56.9
 65 12.9 11.0 16.4





#25

Isophorone

Concen: 37.129 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

Instrument :

BNA_F

ClientSampleId :

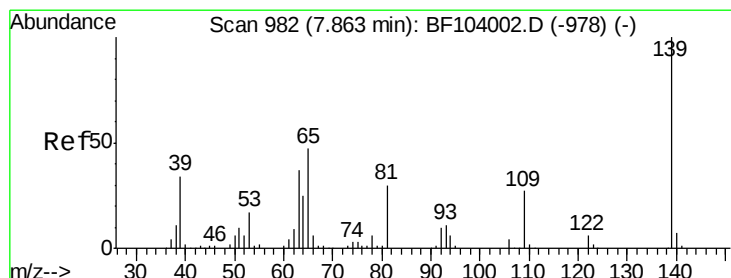
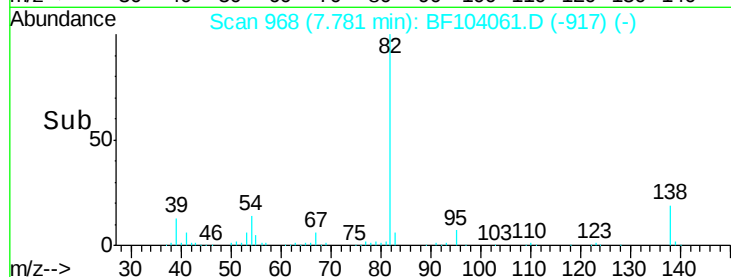
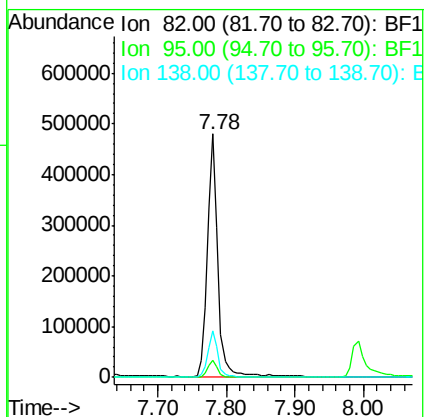
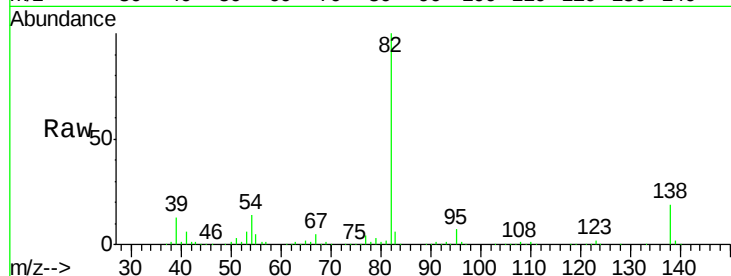
Tot Ion: 82 Resp: 526876

Ion Ratio Lower Upper

82 100

95 7.3 5.2 7.8

138 19.1 14.9 22.3



#26

2-Nitrophenol

Concen: 33.087 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

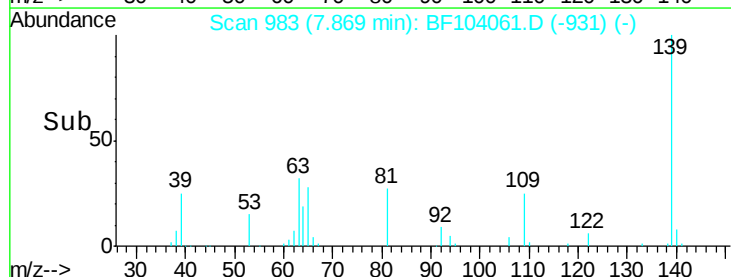
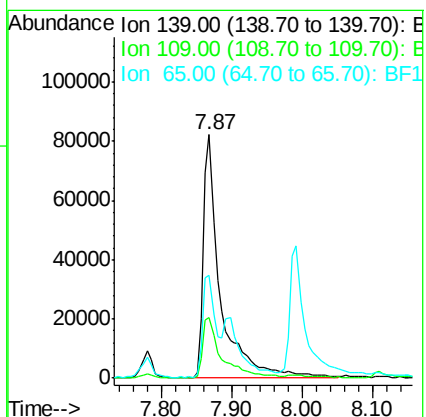
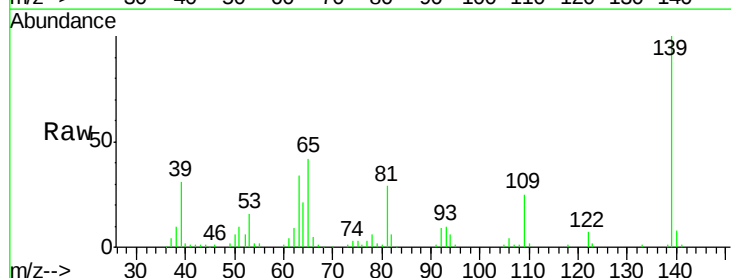
Tgt Ion: 139 Resp: 139926

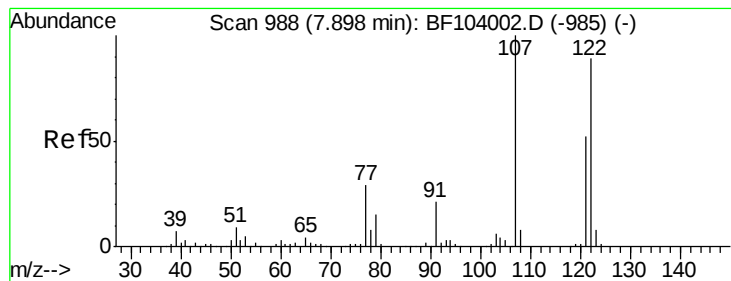
Ion Ratio Lower Upper

139 100

109 25.1 22.7 34.1

65 42.3 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 40.736 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

Instrument :

BNA_F

ClientSampleId :

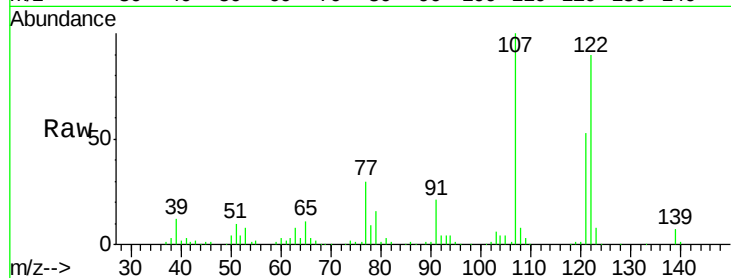
Tot Ion:122 Resp: 248453

Ion Ratio Lower Upper

122 100

107 110.6 91.2 136.8

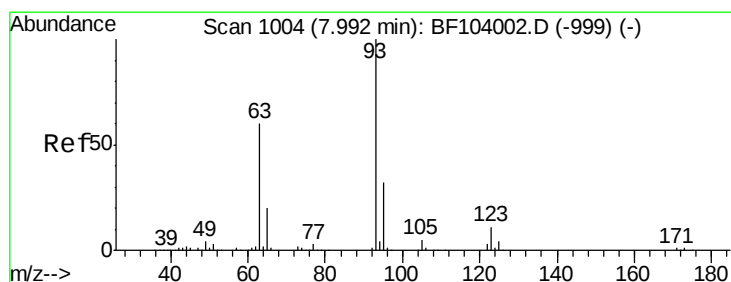
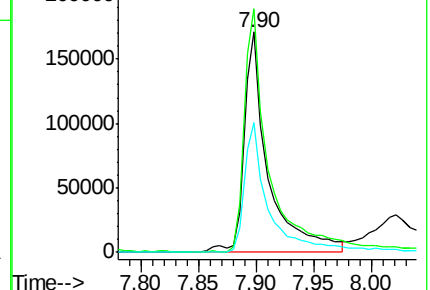
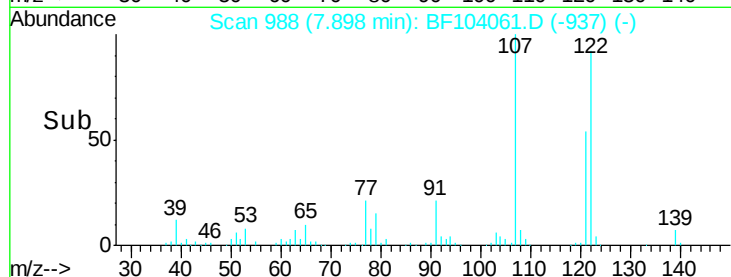
121 58.8 47.2 70.8



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: 37.361 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

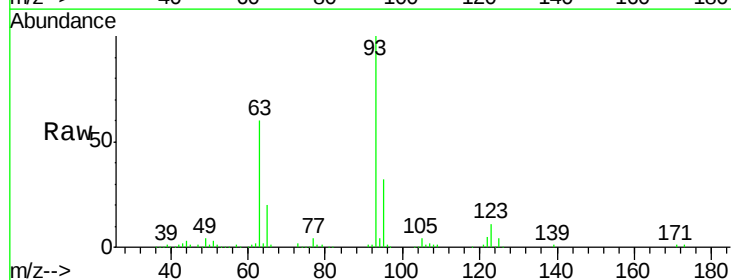
Tgt Ion: 93 Resp: 332276

Ion Ratio Lower Upper

93 100

95 32.0 26.3 39.5

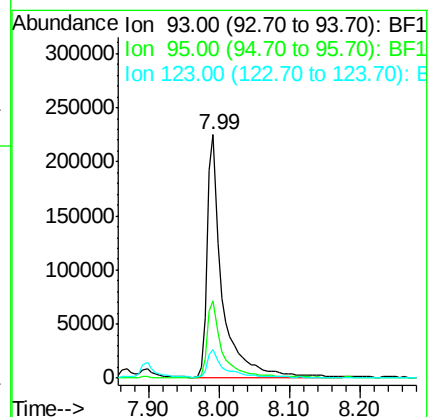
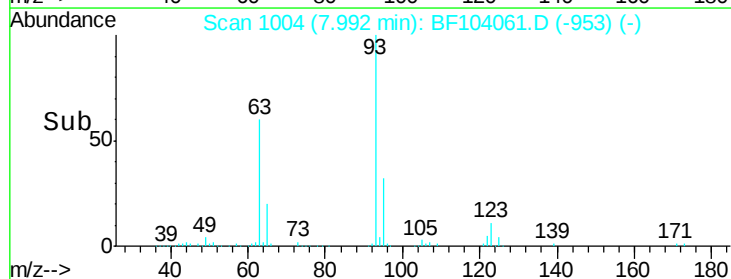
123 11.5 9.8 14.6

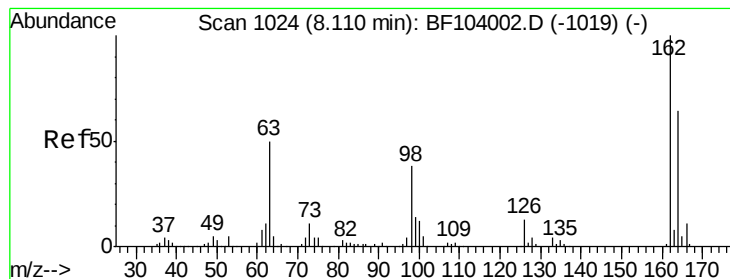


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 36.718 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

Instrument :

BNA_F

ClientSampleId :

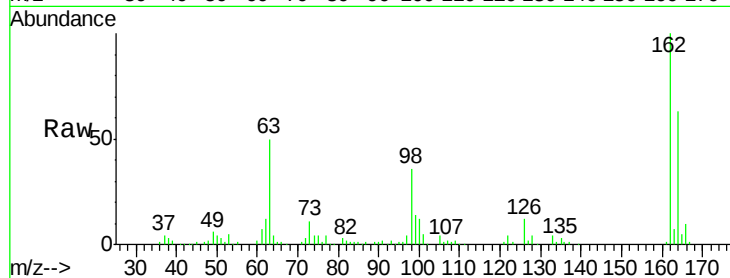
Tot Ion:162 Resp: 233909

Ion Ratio Lower Upper

162 100

164 63.1 42.7 82.7

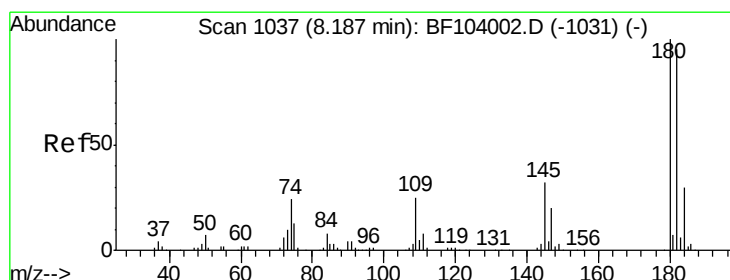
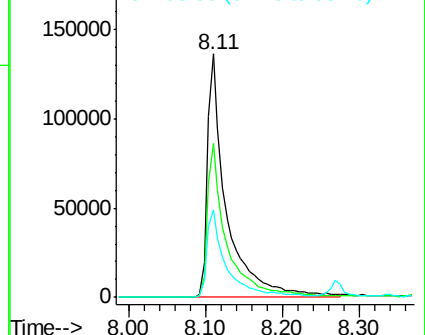
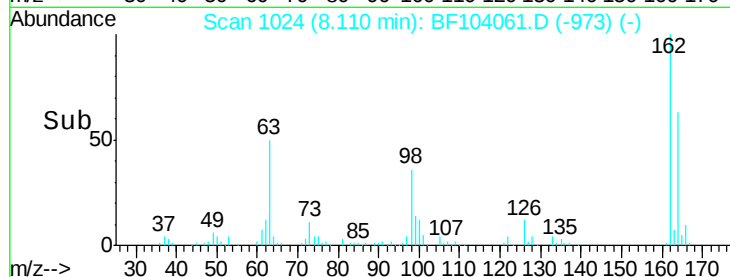
98 35.8 18.1 58.1



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: 34.571 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

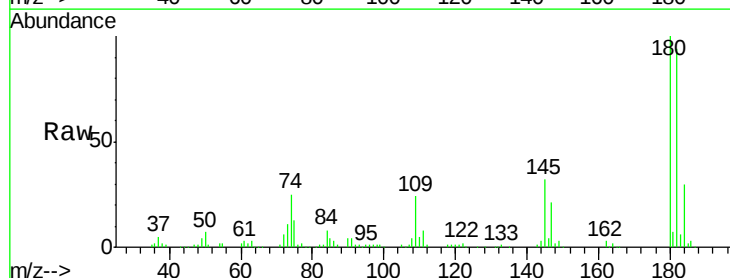
Tgt Ion:180 Resp: 249881

Ion Ratio Lower Upper

180 100

182 94.3 76.8 115.2

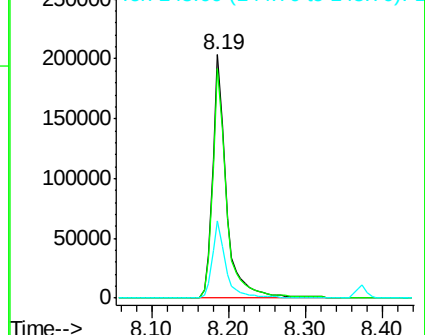
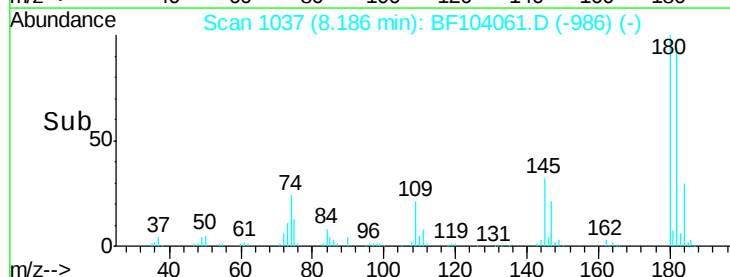
145 31.9 26.5 39.7

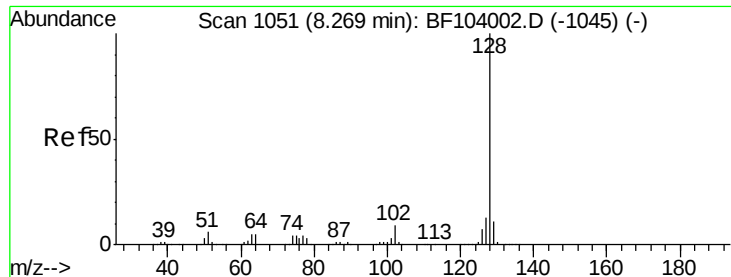


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

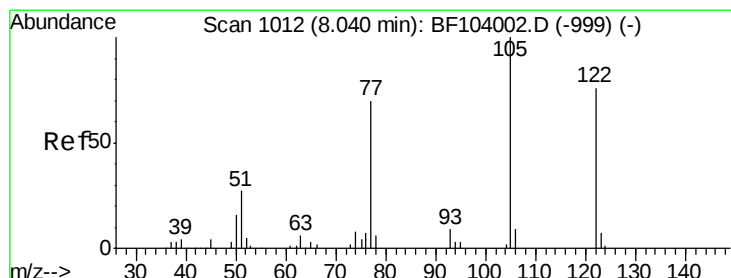
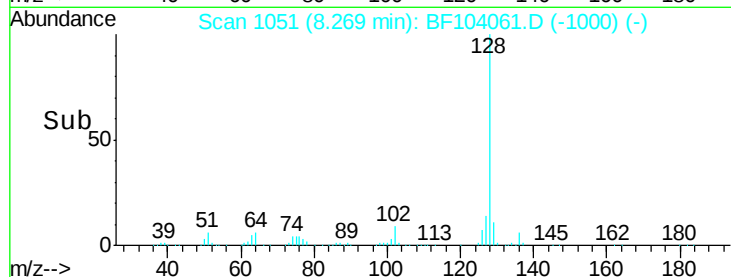
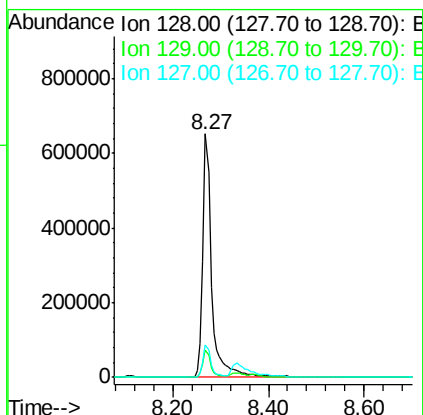
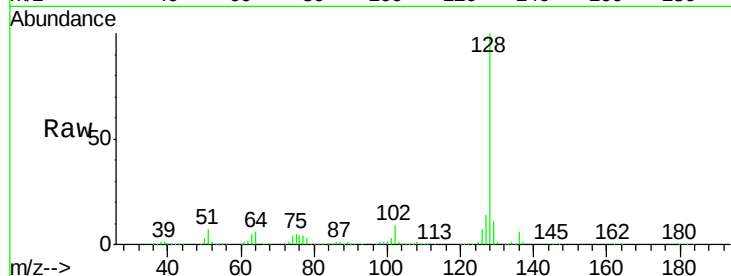




#31
Naphthalene
Concen: 36.958 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

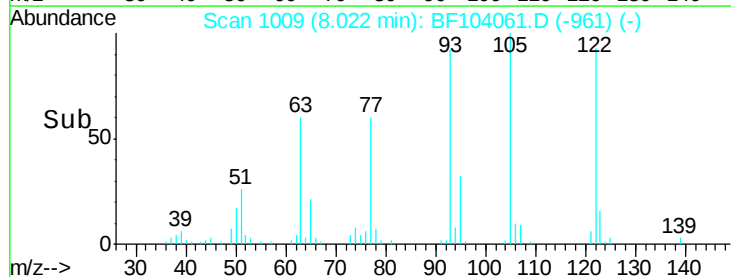
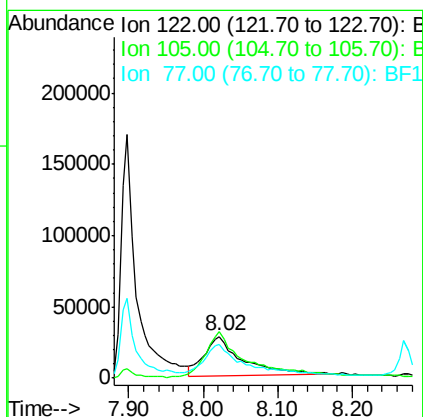
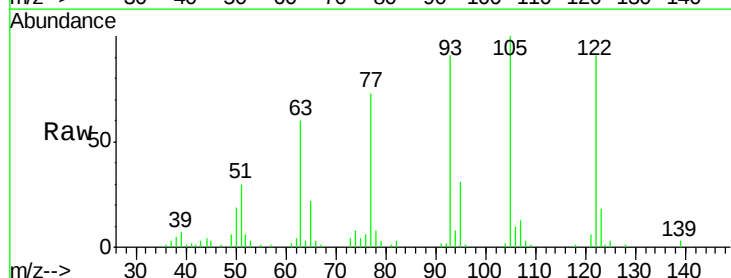
Instrument :
BNA_F
ClientSampleId :

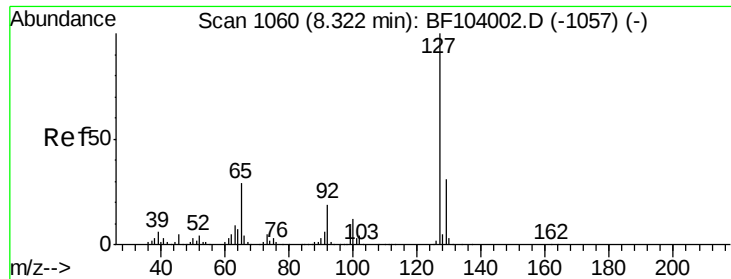
Tot Ion:128 Resp: 850222
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.5 10.9 16.3



#32
Benzoic acid
Concen: 21.592 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Tgt Ion:122 Resp: 96471
Ion Ratio Lower Upper
122 100
105 109.9 101.1 141.1
77 79.9 70.7 110.7

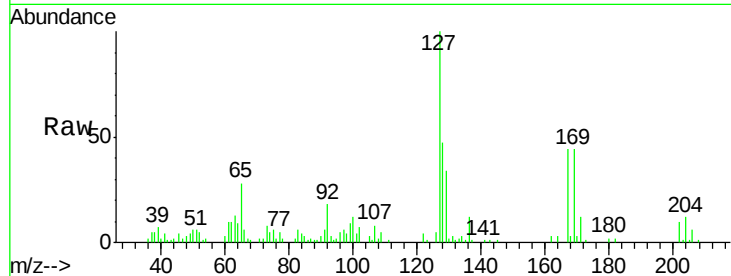




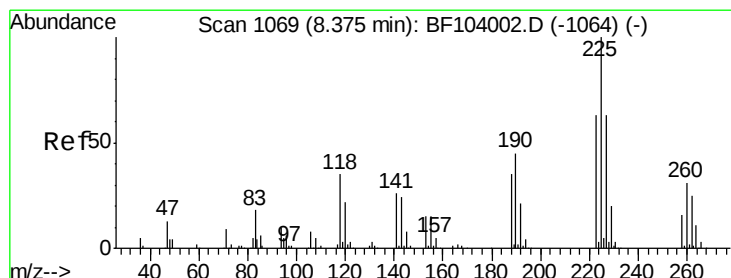
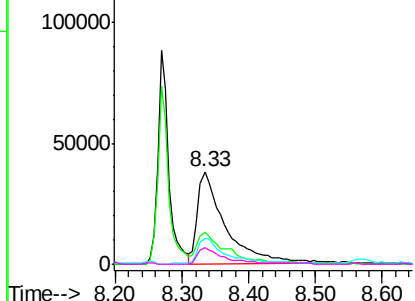
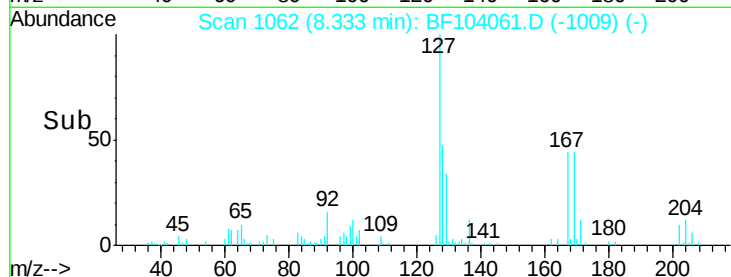
#33
4-Chloroaniline
Concen: 11.267 ng
RT: 8.33 min Scan# 1062
Delta R.T. 0.01 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	109274
Ion	Ratio	Lower	Upper
127	100		
129	34.3	25.9	38.9
65	28.3	25.0	37.4
92	17.7	15.2	22.8

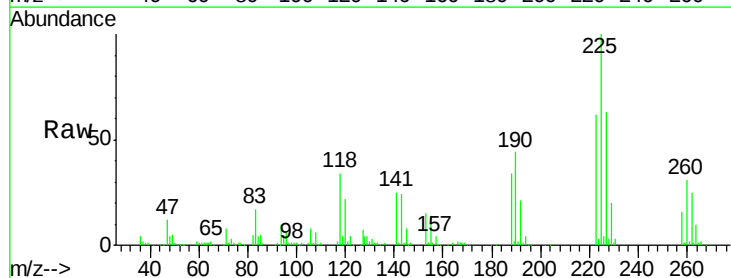


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

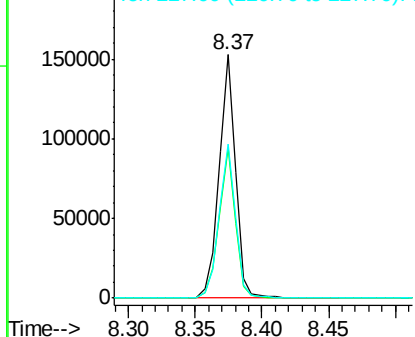
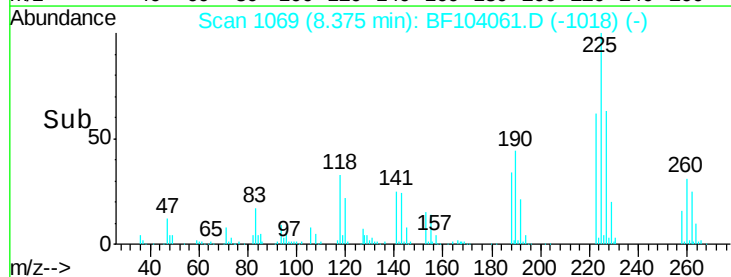


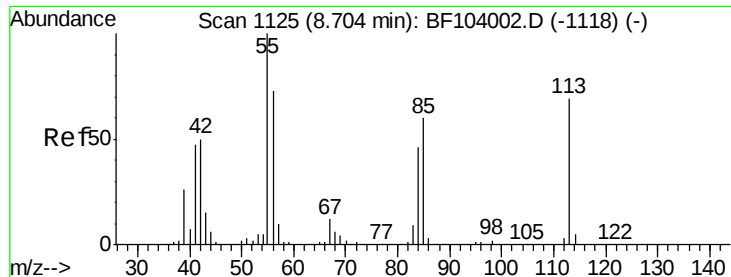
#34
Hexachlorobutadiene
Concen: 34.048 ng
RT: 8.37 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Tgt Ion:	225	Resp:	133921
Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.6	76.0
227	63.4	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: 33.431 ng

RT: 8.69 min Scan# 1123

Delta R.T. -0.01 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

Instrument :

BNA_F

ClientSampleId :

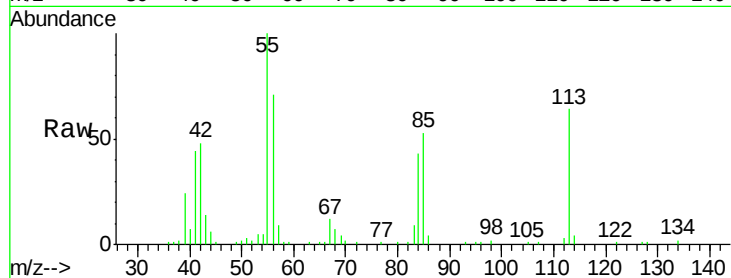
Tot Ion:113 Resp: 67530

Ion Ratio Lower Upper

113 100

55 157.1 163.3 203.3#

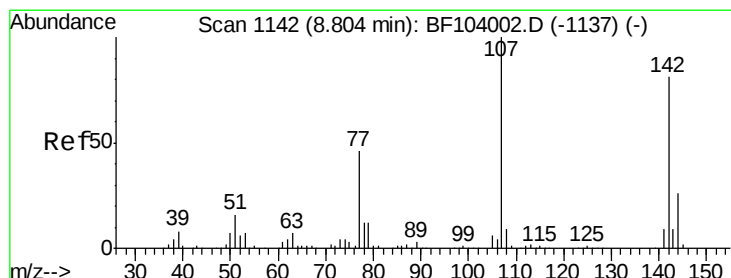
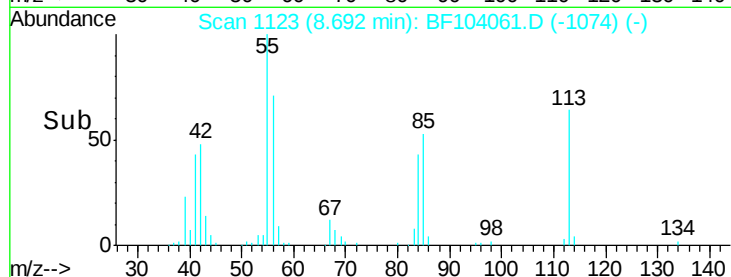
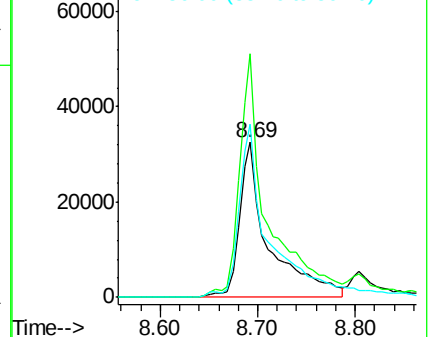
56 111.8 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 37.155 ng

RT: 8.80 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

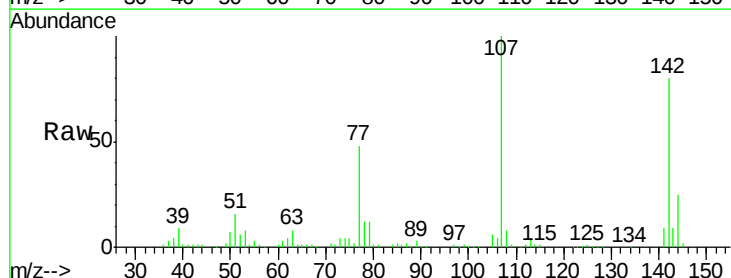
Tgt Ion:107 Resp: 250357

Ion Ratio Lower Upper

107 100

144 24.9 20.5 30.7

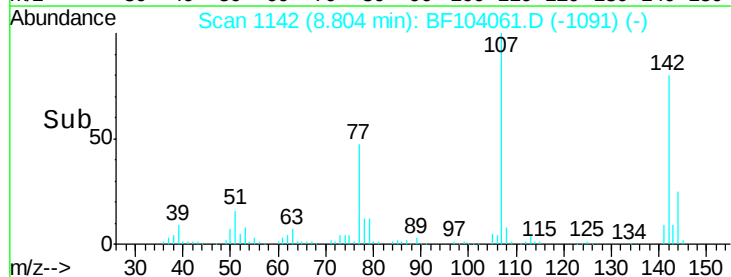
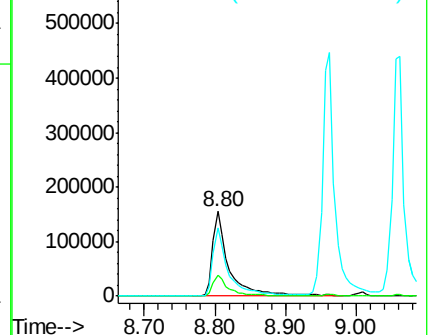
142 80.2 62.0 93.0

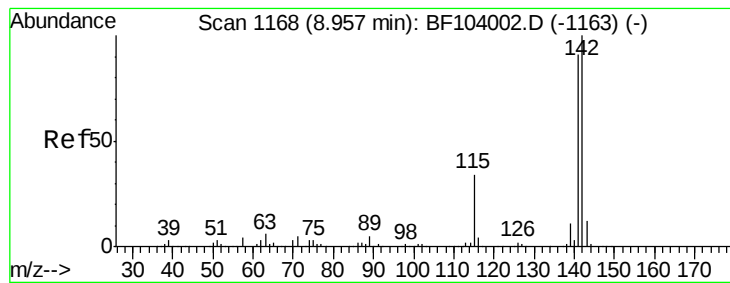


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

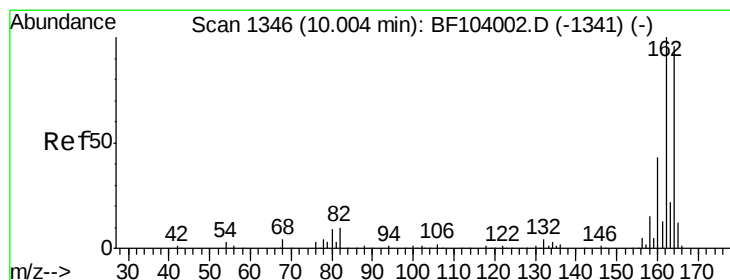
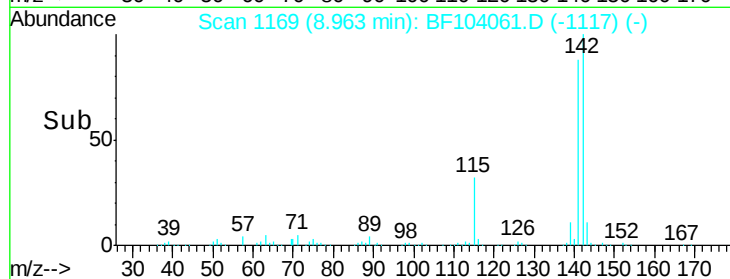
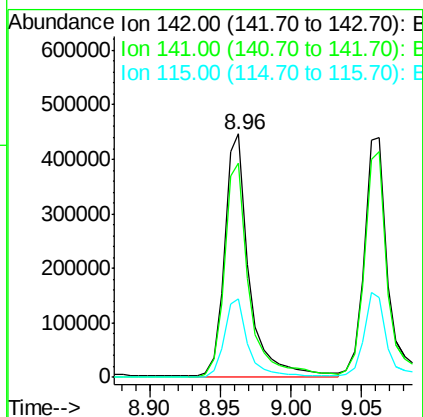
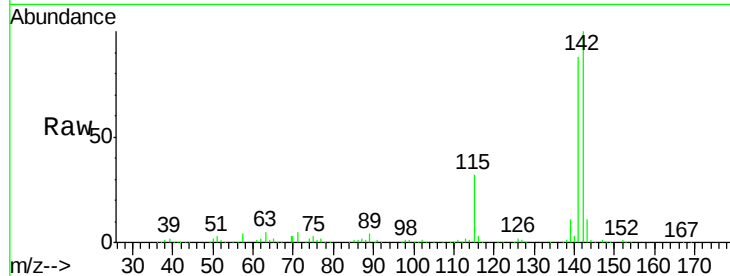




#37
 2-Methylnaphthalene
 Concen: 35.741 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. 0.01 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

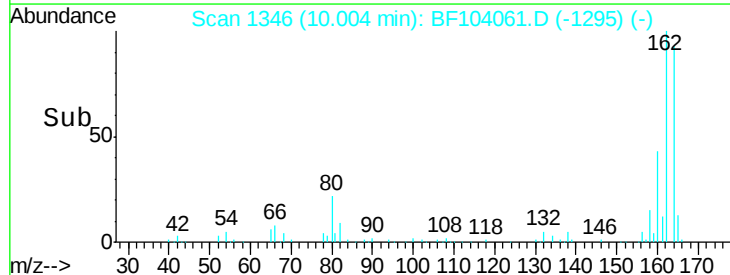
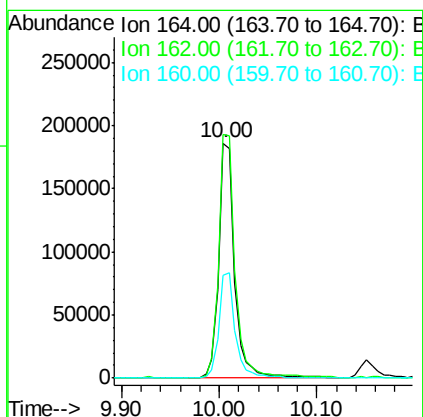
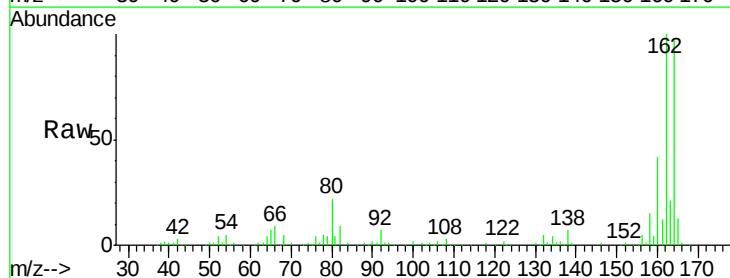
Instrument :
 BNA_F
 ClientSampleID :

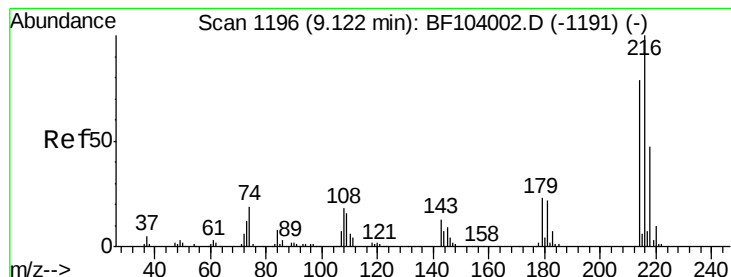
Tot Ion:142 Resp: 541599
 Ion Ratio Lower Upper
 142 100
 141 88.0 70.8 106.2
 115 32.4 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

Tgt Ion:164 Resp: 214309
 Ion Ratio Lower Upper
 164 100
 162 103.5 86.1 129.1
 160 44.0 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.599 ng

RT: 9.13 min Scan# 1197

Delta R.T. 0.01 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 240520

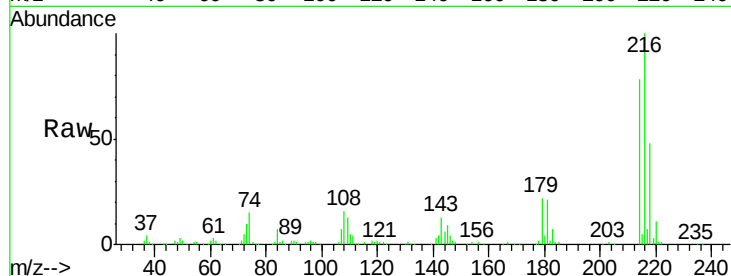
Ion Ratio Lower Upper

216 100

214 79.1 63.0 94.4

179 21.7 18.1 27.1

108 18.7 17.2 25.8

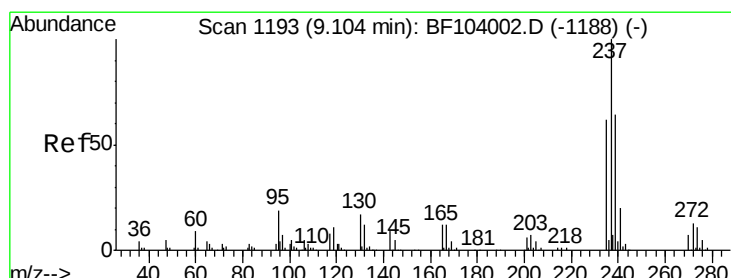
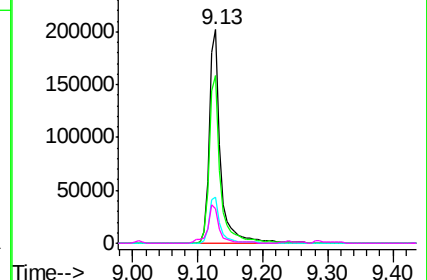
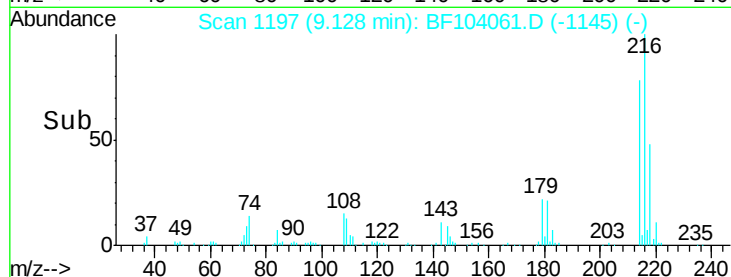


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 33.555 ng

RT: 9.10 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

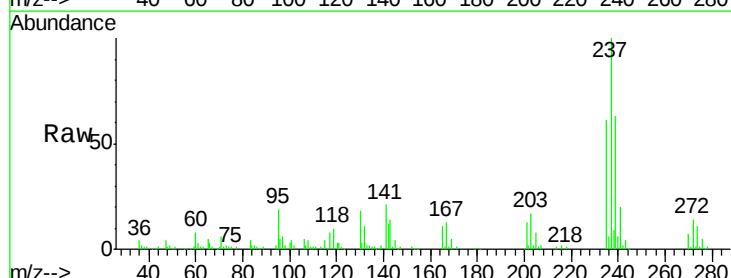
Tgt Ion:237 Resp: 93427

Ion Ratio Lower Upper

237 100

235 60.6 44.8 84.8

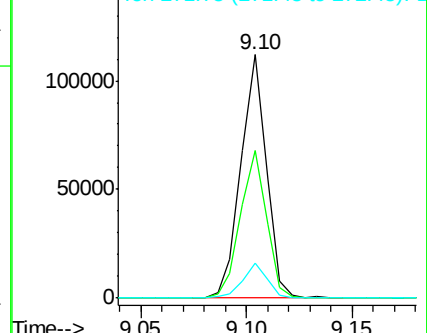
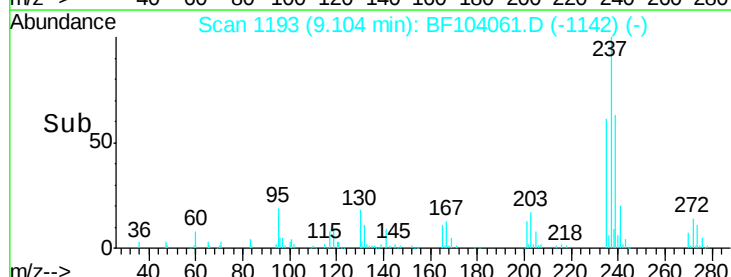
272 14.2 0.0 33.3

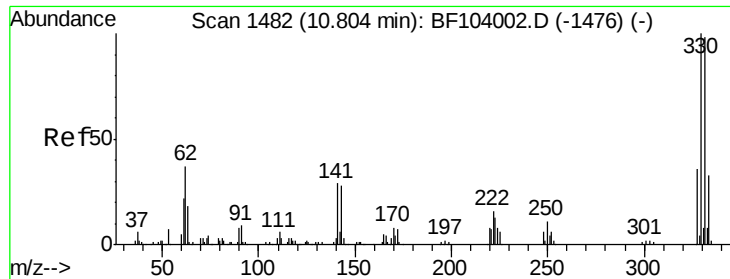


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

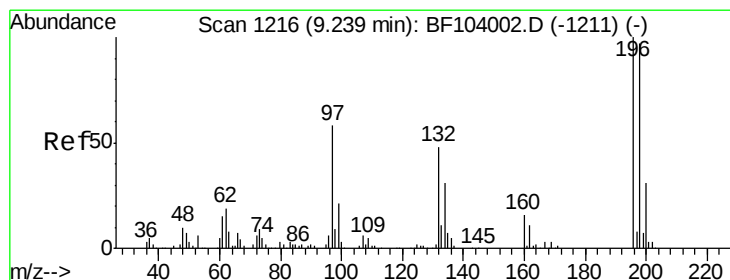
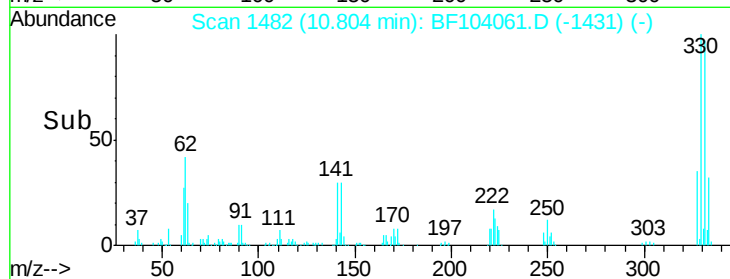
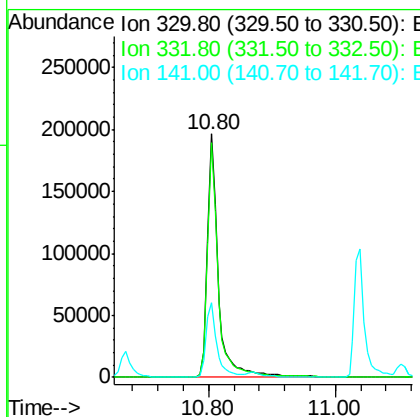
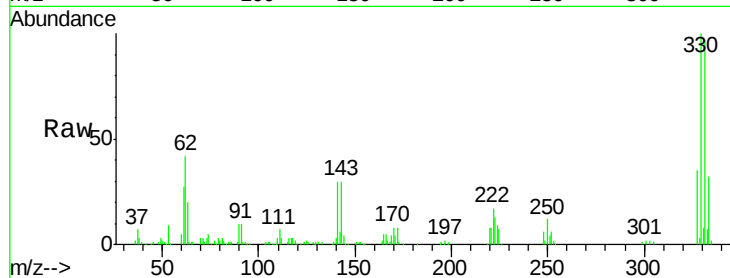




#41
 2,4,6-Tribromophenol
 Concen: 100.063 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

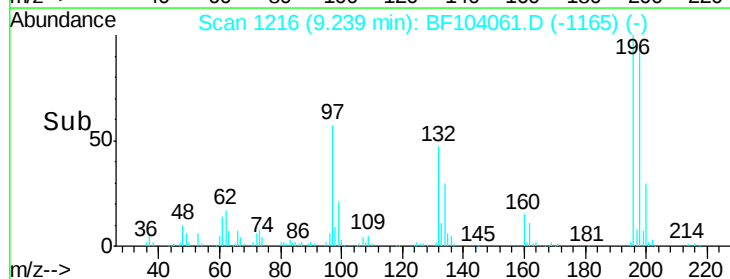
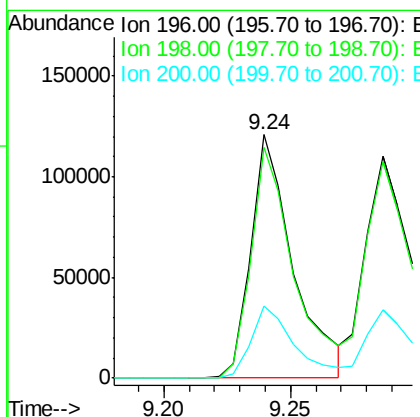
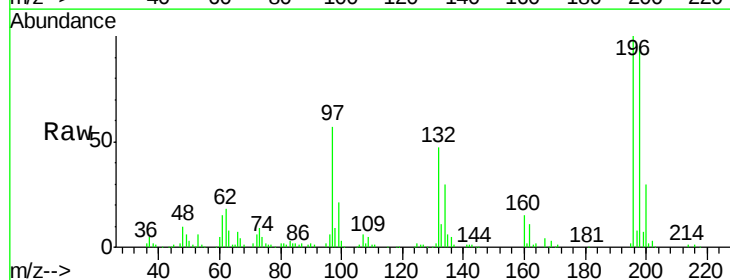
Instrument :
 BNA_F
 ClientSampleId :

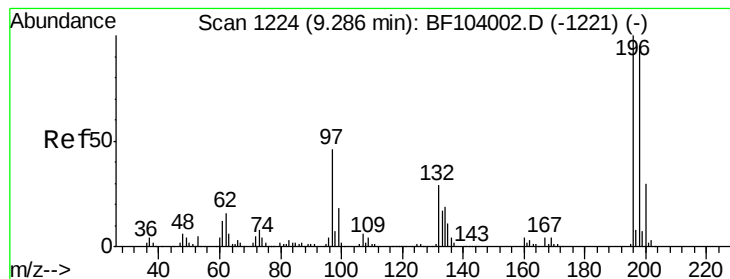
Tot Ion:330 Resp: 238784
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 30.2 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 33.918 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

Tgt Ion:196 Resp: 141145
 Ion Ratio Lower Upper
 196 100
 198 94.8 75.7 113.5
 200 29.5 24.5 36.7





#43

2,4,5-Trichlorophenol

Concen: 34.316 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.00 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

Instrument :

BNA_F

ClientSampled :

Tot Ion:196 Resp: 172421

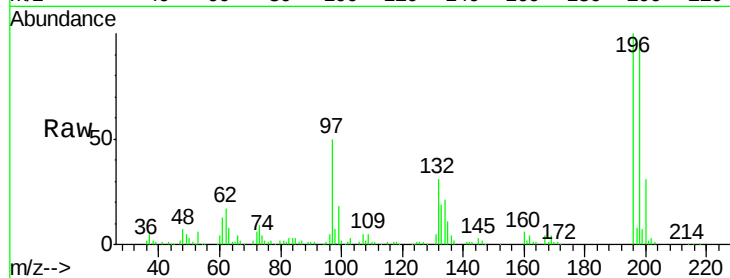
Ion Ratio Lower Upper

196 100

198 97.4 74.6 112.0

97 50.3 42.9 64.3

132 31.2 26.3 39.5

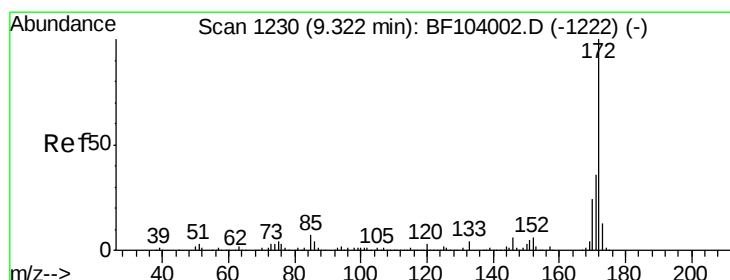
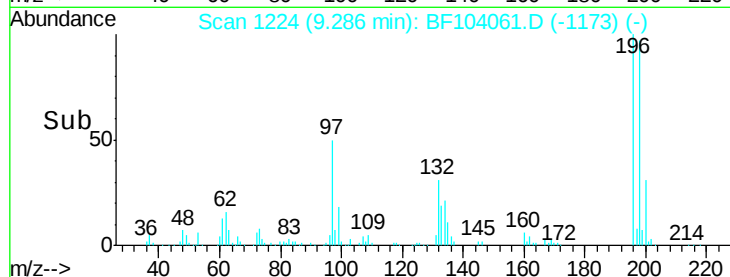
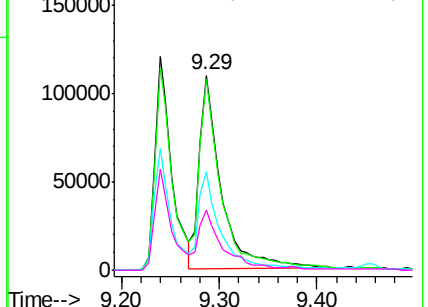


Abundance Ion 196.00 (195.70 to 196.70): E

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: 80.139 ng

RT: 9.32 min Scan# 1230

Delta R.T. -0.00 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

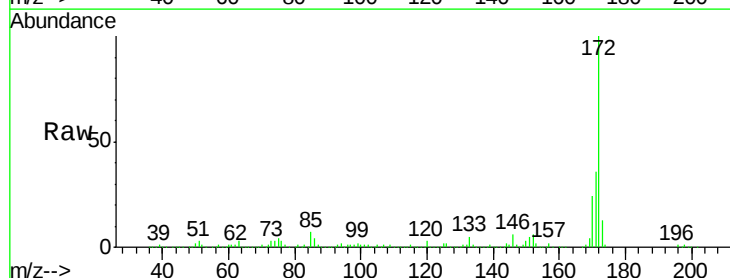
Tgt Ion:172 Resp: 1089122

Ion Ratio Lower Upper

172 100

171 36.2 29.7 44.5

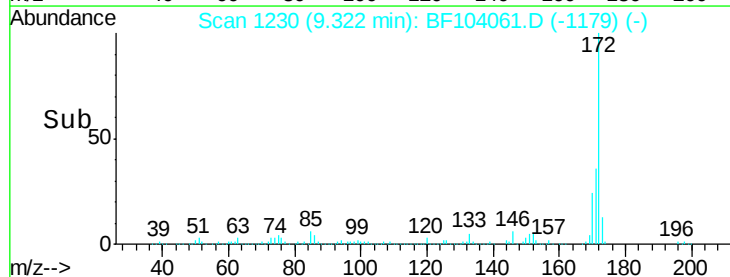
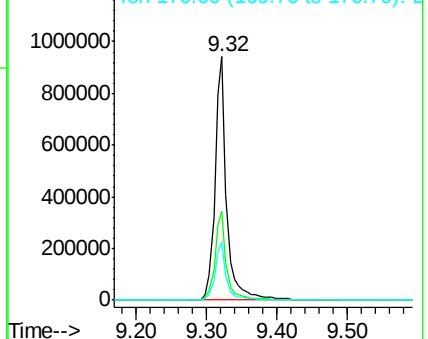
170 23.7 19.6 29.4

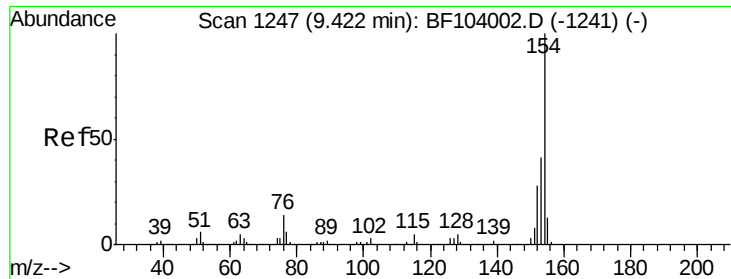


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

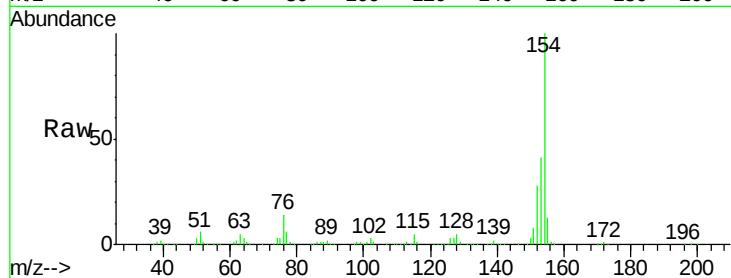




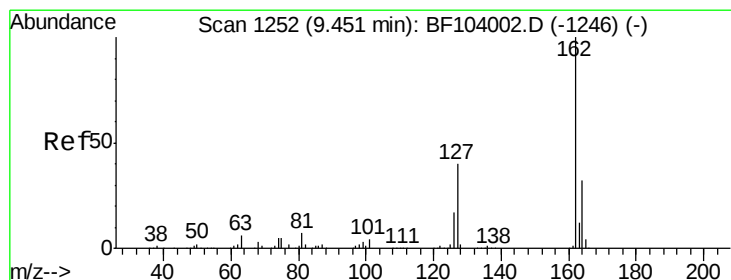
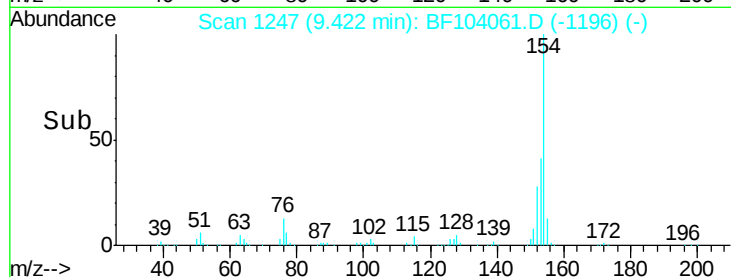
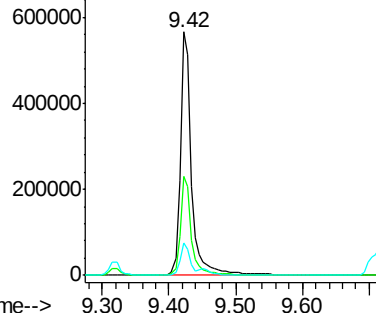
#45
 1,1'-Biphenyl
 Concen: 35.933 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.00 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 660928
 Ion Ratio Lower Upper
 154 100
 153 40.7 21.3 61.3
 76 13.5 0.0 34.0

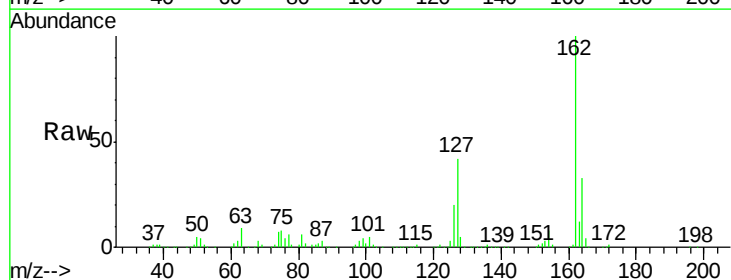


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

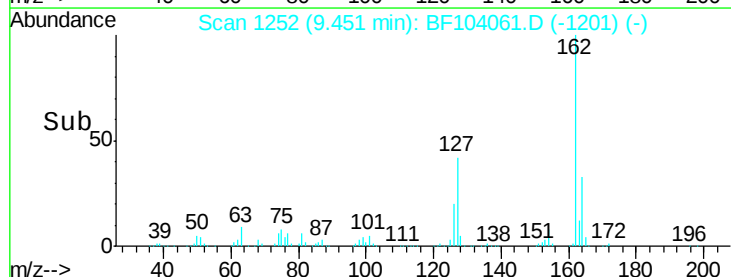
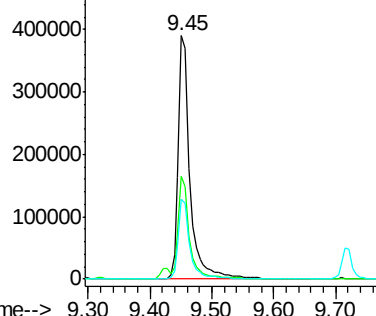


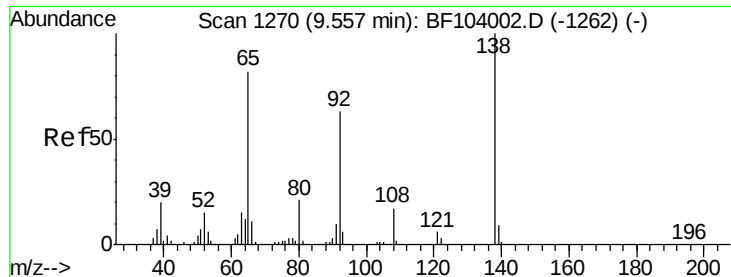
#46
 2-Chloronaphthalene
 Concen: 35.293 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

Tgt Ion:162 Resp: 512060
 Ion Ratio Lower Upper
 162 100
 127 42.5 33.9 50.9
 164 32.7 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: 35.002 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.00 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

Instrument :

BNA_F

ClientSampleId :

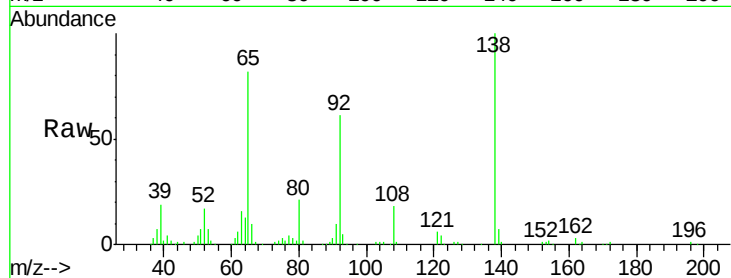
Tot Ion: 65 Resp: 144812

Ion Ratio Lower Upper

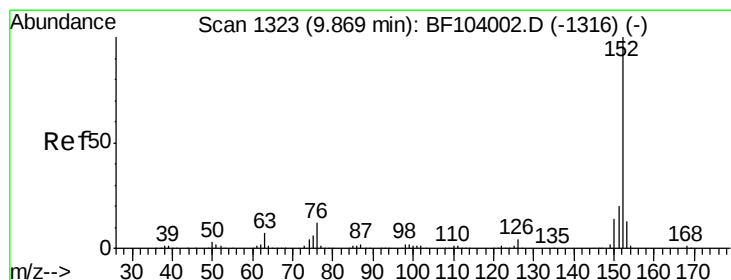
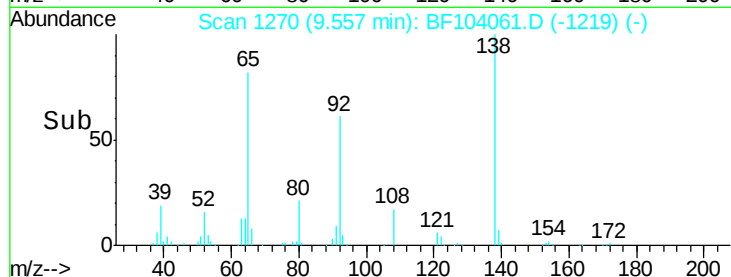
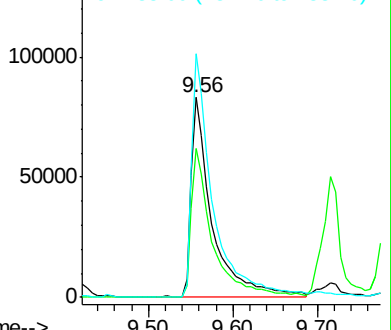
65 100

92 74.5 55.8 83.6

138 121.7 91.2 136.8



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



#48

Acenaphthylene

Concen: 34.230 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

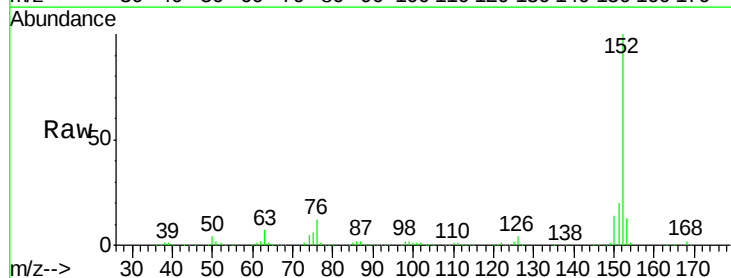
Tgt Ion: 152 Resp: 752411

Ion Ratio Lower Upper

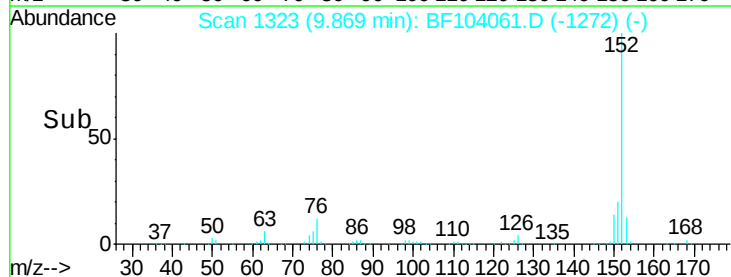
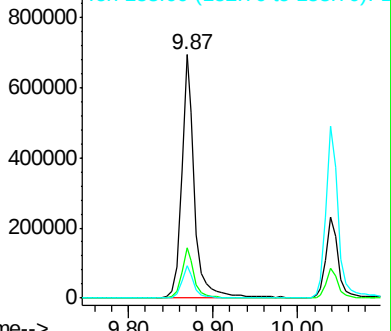
152 100

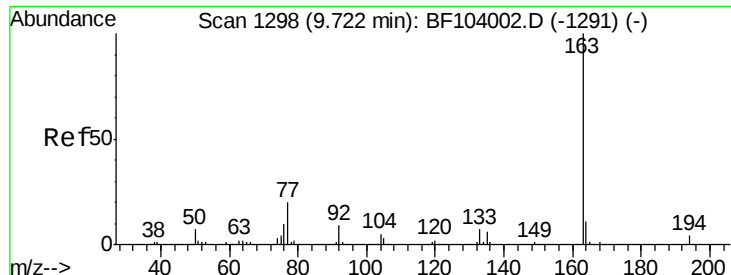
151 20.5 16.3 24.5

153 13.2 10.7 16.1



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

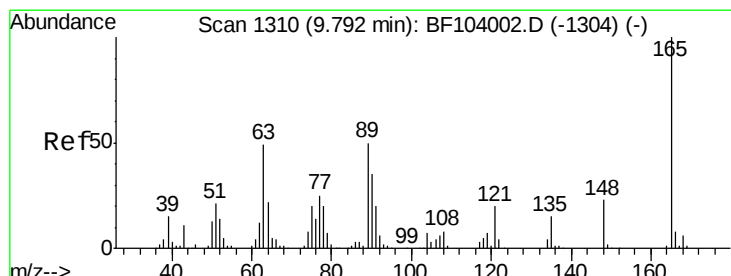
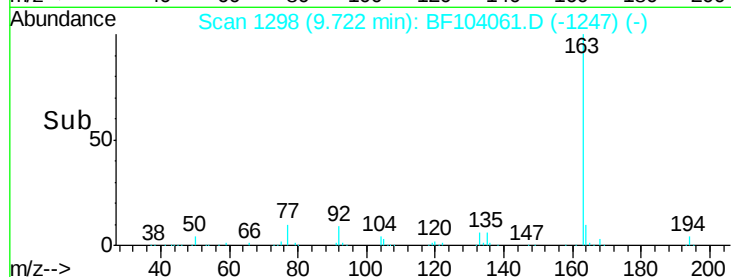
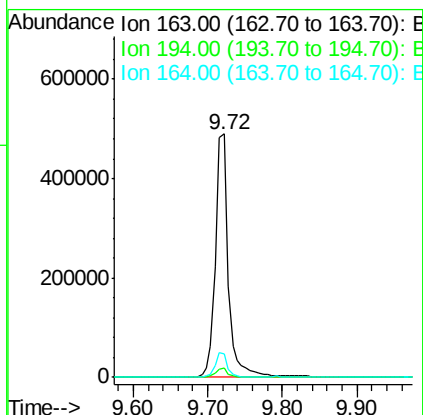
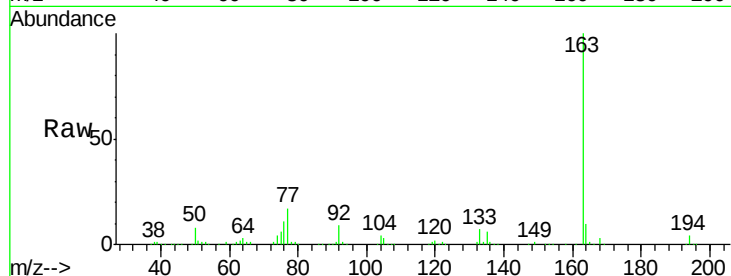




#49
Dimethylphthalate
Concen: 35.384 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

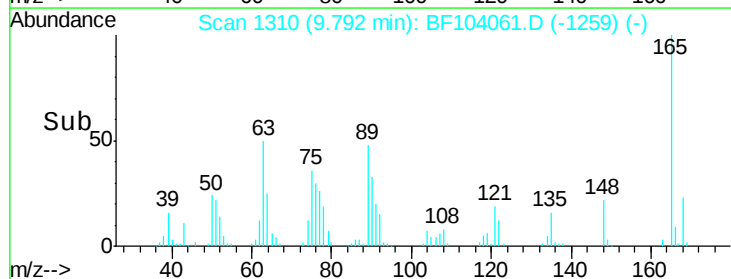
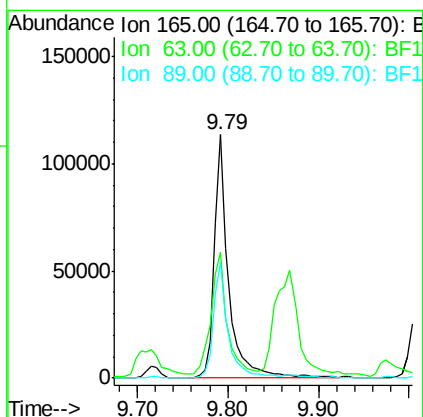
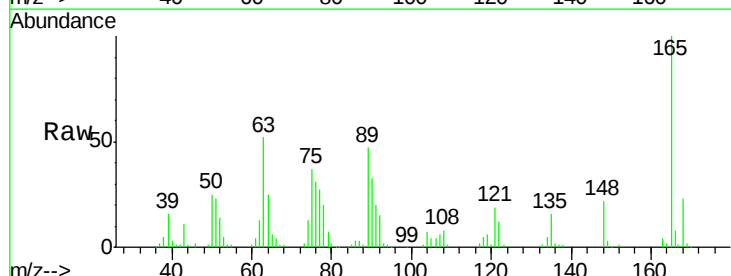
Instrument :
BNA_F
ClientSampleId :

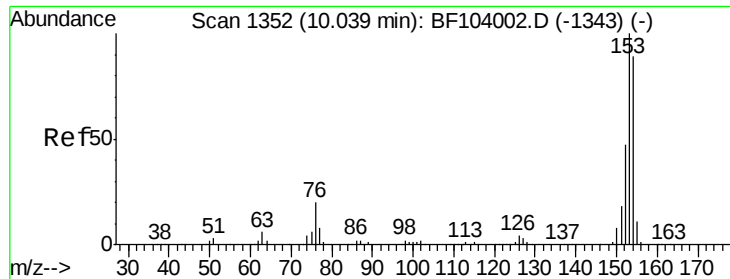
Tot Ion:163 Resp: 598717
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.9 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 34.483 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Tgt Ion:165 Resp: 125529
Ion Ratio Lower Upper
165 100
63 51.5 44.7 67.1
89 47.5 44.0 66.0





#51

Acenaphthene

Concen: 32.949 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.00 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

Instrument :

BNA_F

ClientSampleId :

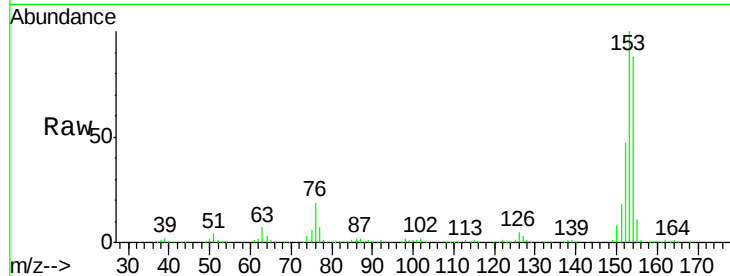
Tot Ion:154 Resp: 418972

Ion Ratio Lower Upper

154 100

153 114.1 91.2 136.8

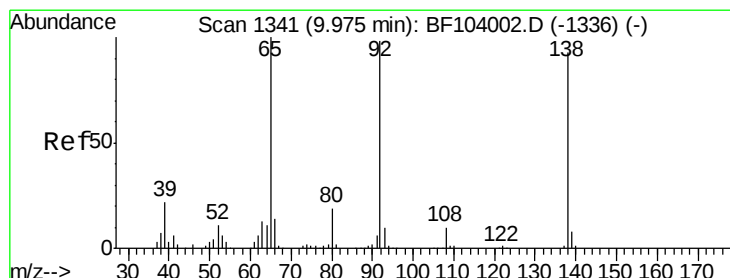
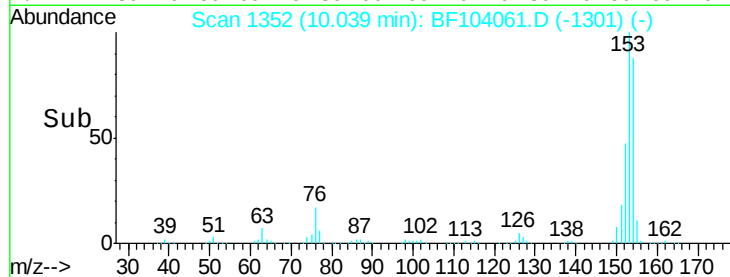
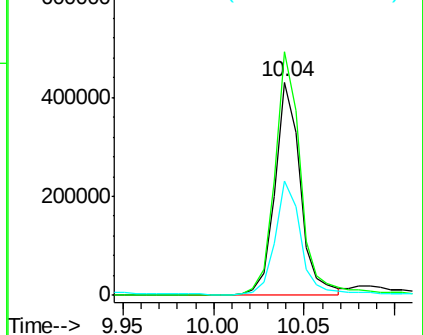
152 53.8 43.8 65.8



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: 21.761 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

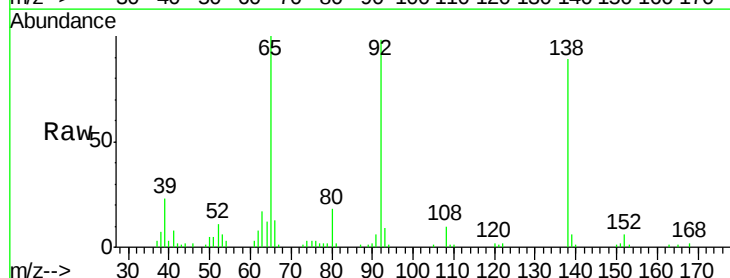
Tgt Ion:138 Resp: 91063

Ion Ratio Lower Upper

138 100

108 10.8 9.4 14.0

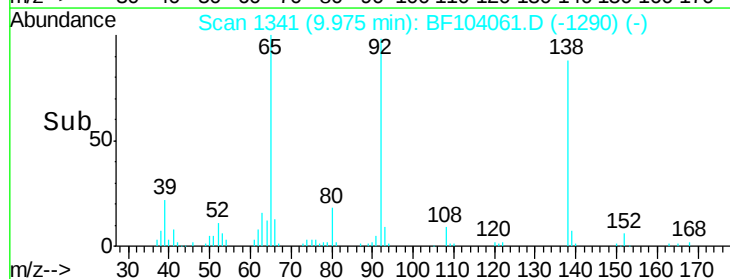
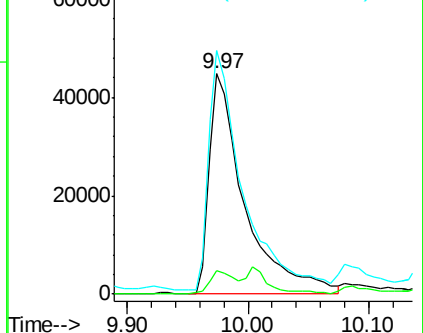
92 110.4 89.4 134.2

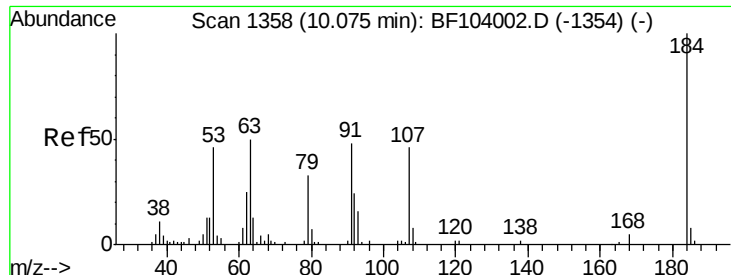


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

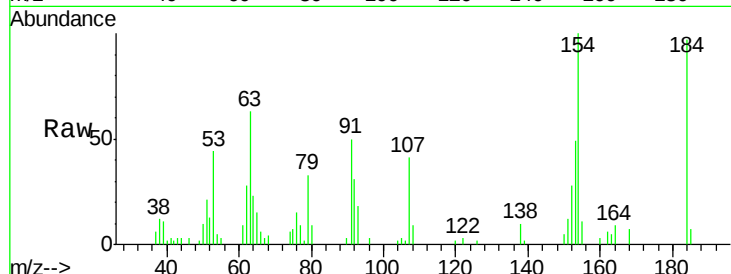




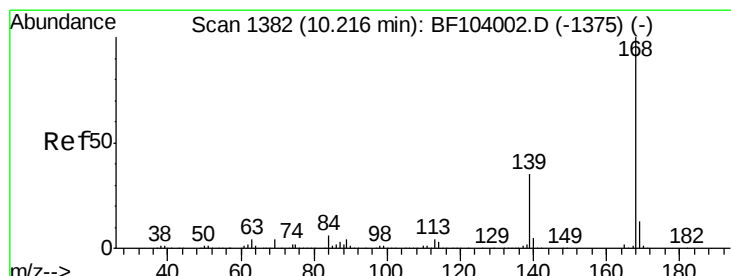
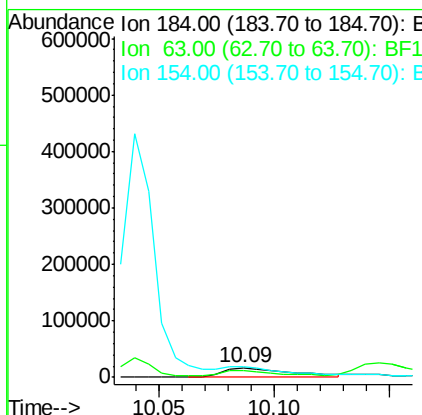
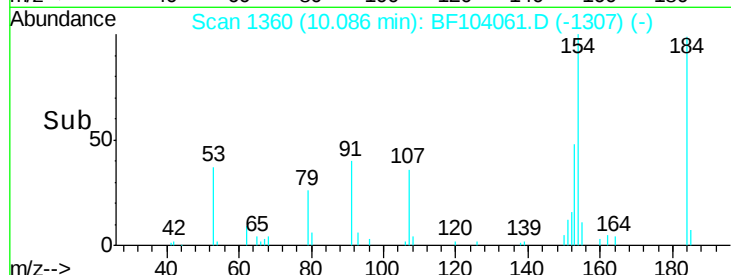
#53
 2,4-Dinitrophenol
 Concen: 26.526 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. 0.01 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 35793
 Ion Ratio Lower Upper
 184 100
 63 64.4 54.2 81.2
 154 102.6 184.0 276.0#

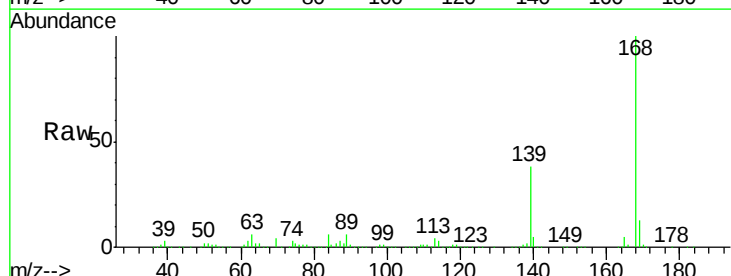


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

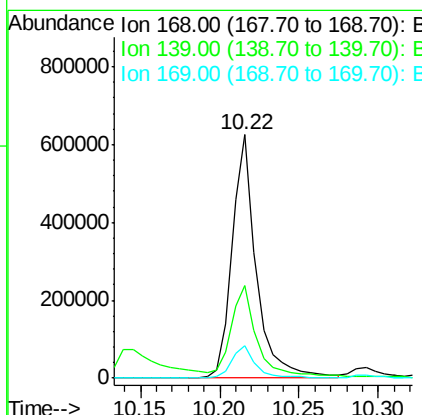
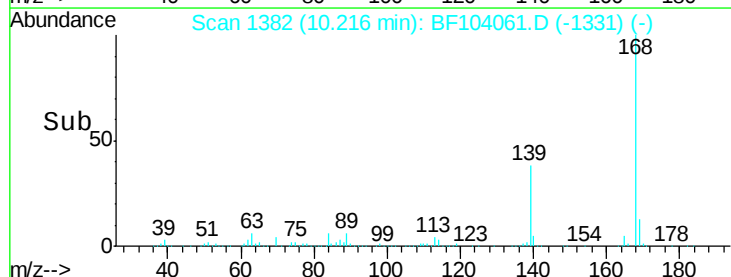


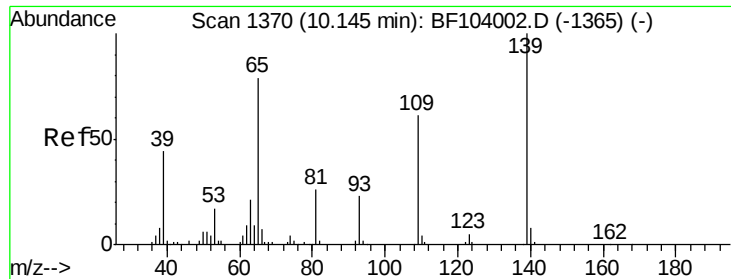
#54
 Dibenzofuran
 Concen: 35.669 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

Tgt Ion:168 Resp: 662327
 Ion Ratio Lower Upper
 168 100
 139 38.1 30.1 45.1
 169 13.3 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

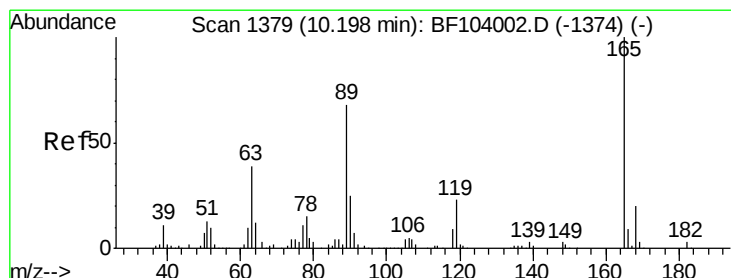
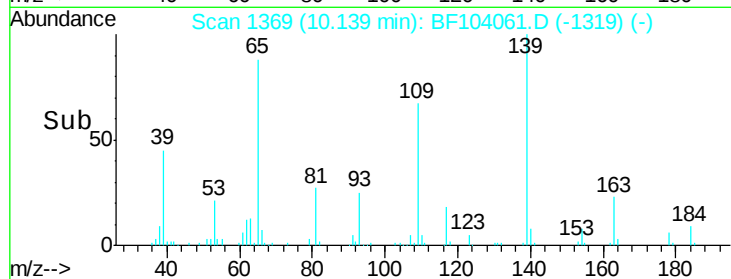
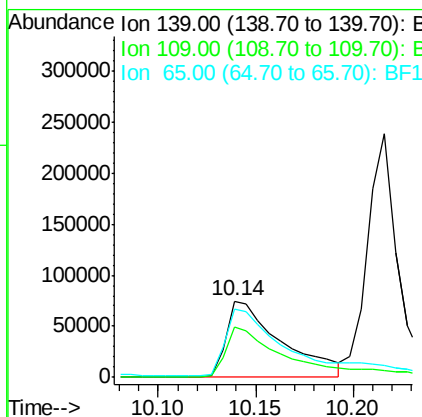
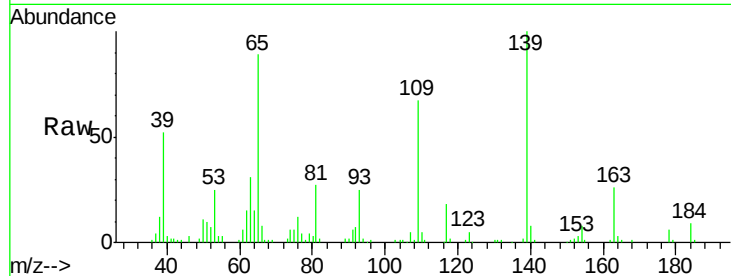




#55
4-Nitrophenol
Concen: 58.143 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

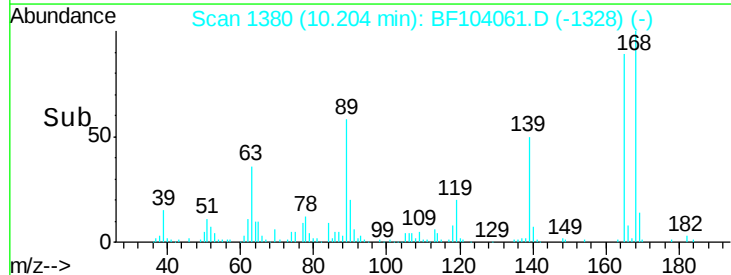
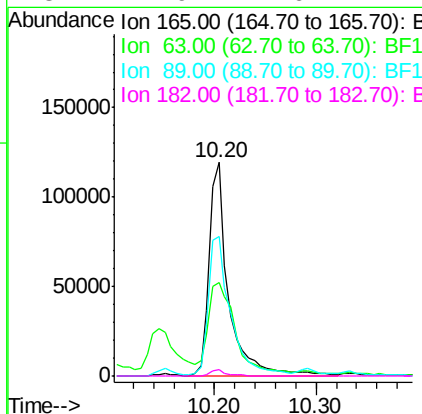
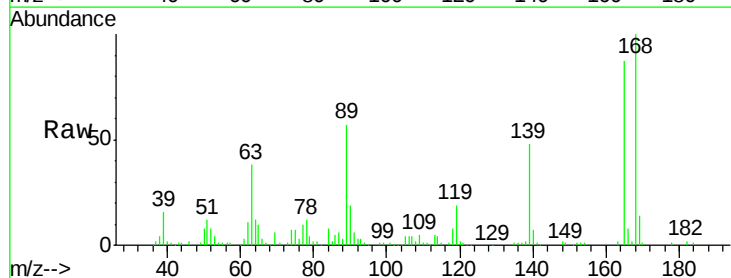
Instrument :
BNA_F
ClientSampleId :

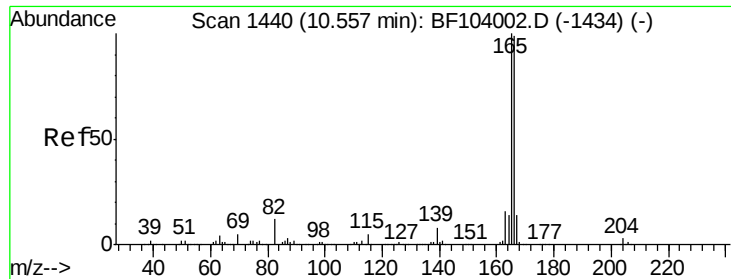
Tot Ion:139 Resp: 145888
Ion Ratio Lower Upper
139 100
109 66.7 48.4 88.4
65 89.2 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 34.302 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Tgt Ion:165 Resp: 159338
Ion Ratio Lower Upper
165 100
63 43.7 36.4 54.6
89 65.4 57.8 86.6
182 2.9 1.6 2.4#

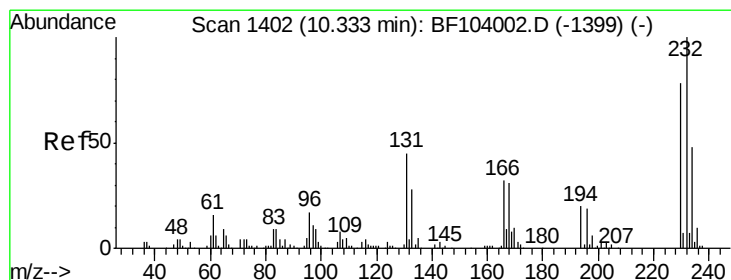
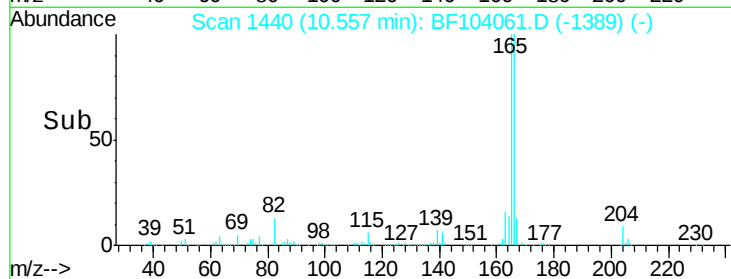
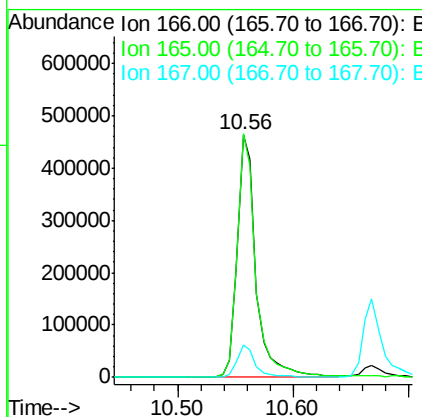
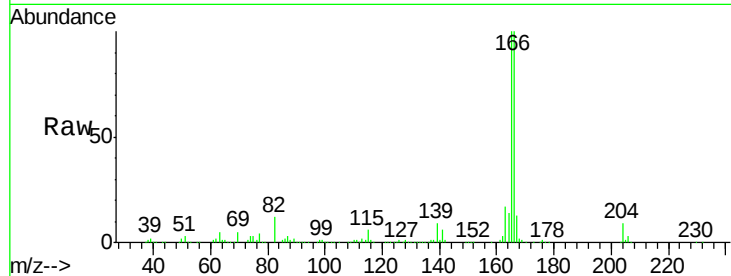




#57
 Fluorene
 Concen: 34.289 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

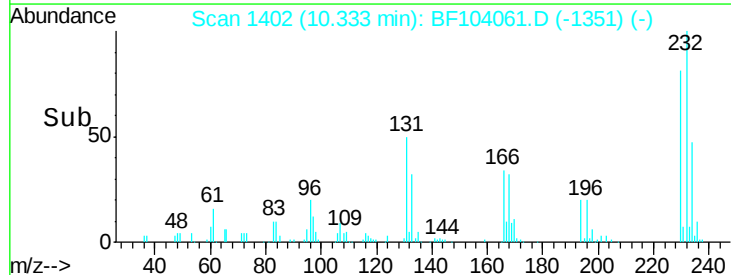
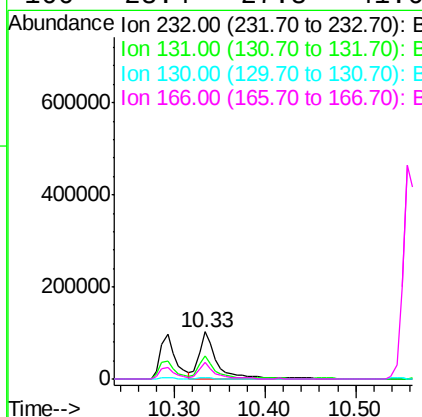
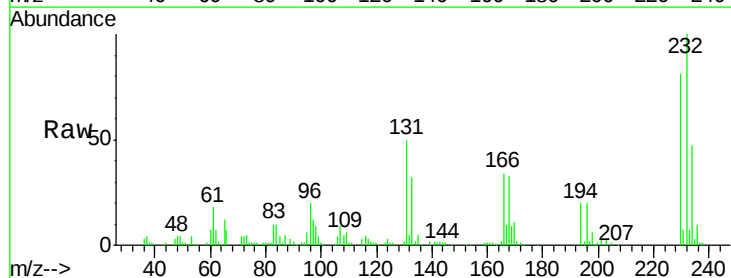
Instrument :
 BNA_F
 ClientSampleId :

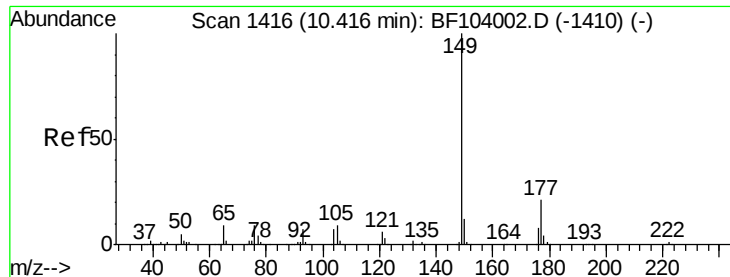
Tot Ion:166 Resp: 525211
 Ion Ratio Lower Upper
 166 100
 165 100.3 79.8 119.8
 167 13.5 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.464 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.00 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

Tgt Ion:232 Resp: 137267
 Ion Ratio Lower Upper
 232 100
 131 43.2 43.8 65.8#
 130 1.9 2.1 3.1#
 166 28.4 27.8 41.6

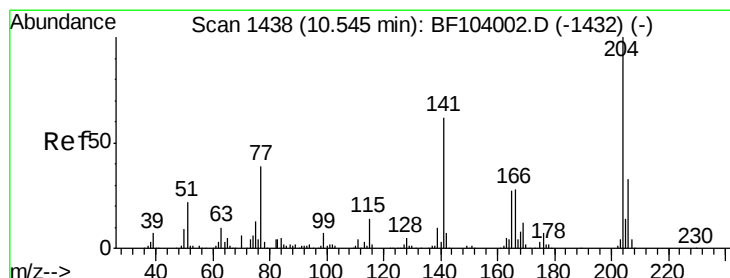
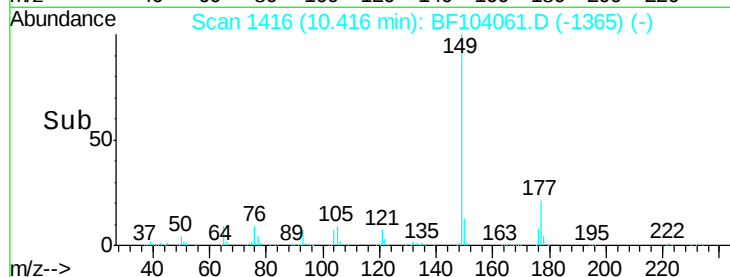
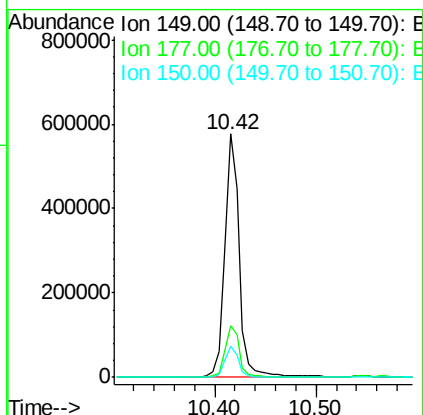
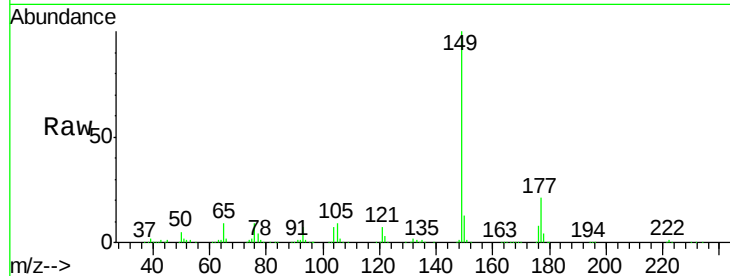




#59
Diethylphthalate
Concen: 35.071 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

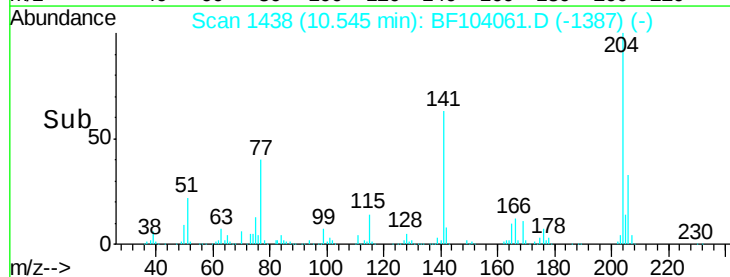
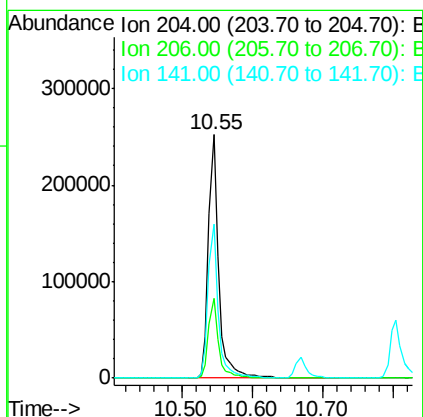
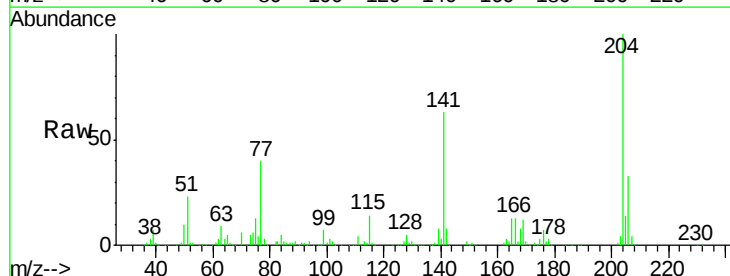
Instrument :
BNA_F
ClientSampleId :

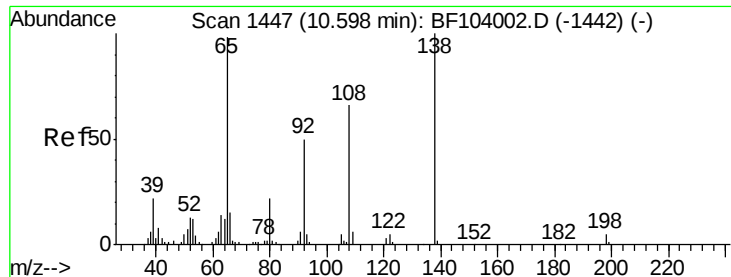
Tot Ion:149 Resp: 568483
Ion Ratio Lower Upper
149 100
177 21.1 16.1 24.1
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 36.183 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Tgt Ion:204 Resp: 254549
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 63.1 54.6 81.8

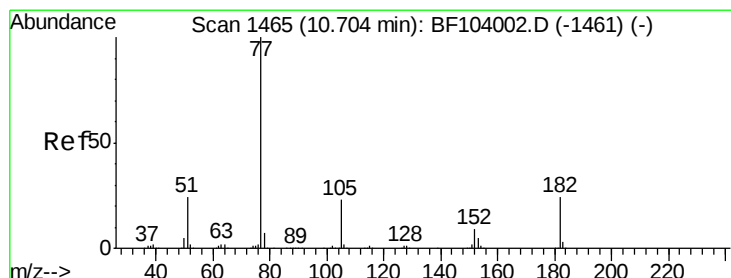
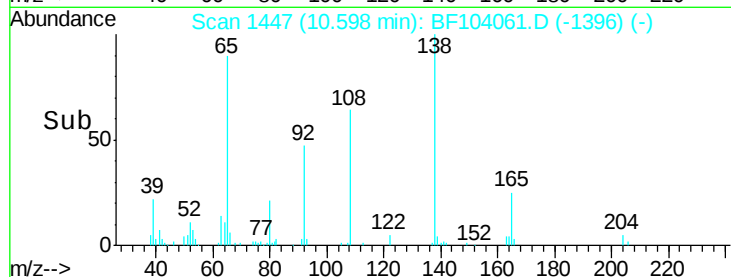
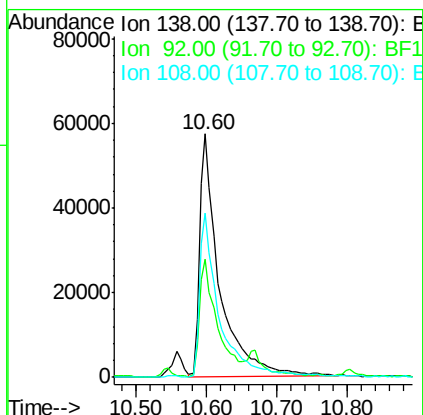
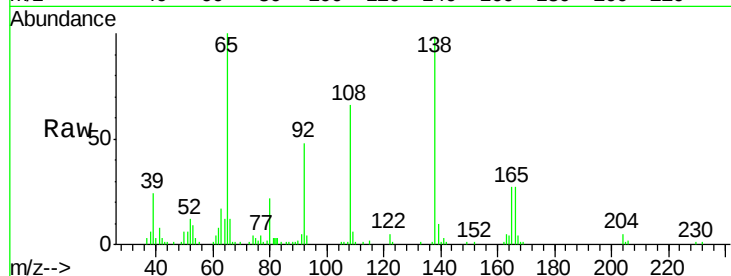




#61
4-Nitroaniline
Concen: 28.663 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

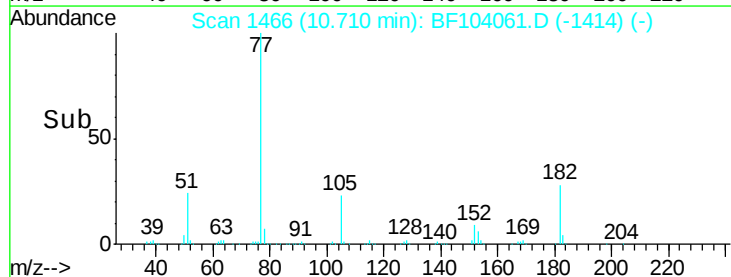
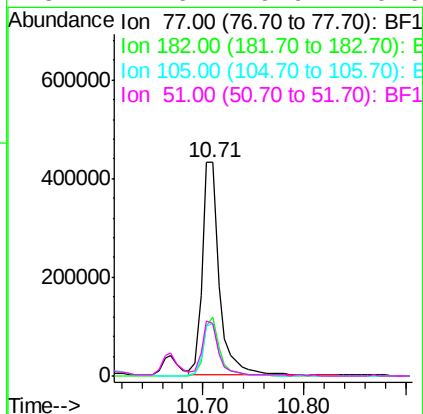
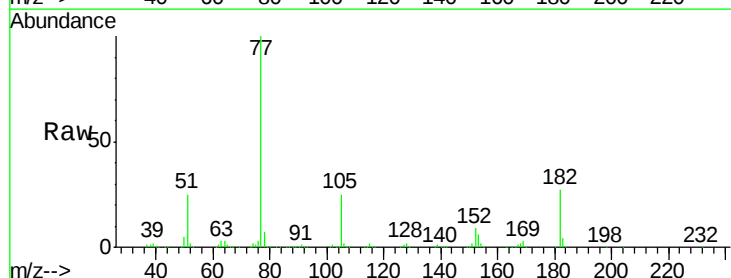
Instrument :
BNA_F
ClientSampleId :

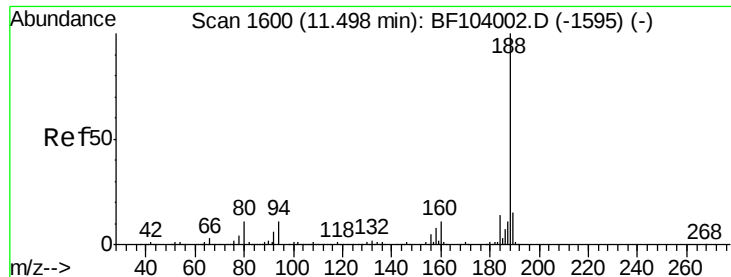
Tot Ion:138 Resp: 112232
Ion Ratio Lower Upper
138 100
92 48.4 30.2 70.2
108 67.5 52.5 92.5



#62
Azobenzene
Concen: 34.681 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.01 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Tgt Ion: 77 Resp: 508323
Ion Ratio Lower Upper
77 100
182 27.3 1.7 41.7
105 24.6 3.0 43.0
51 24.6 9.9 49.9

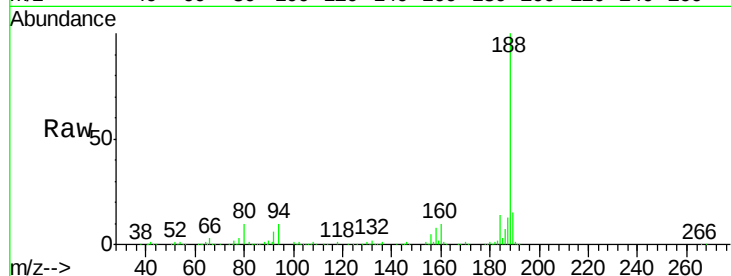




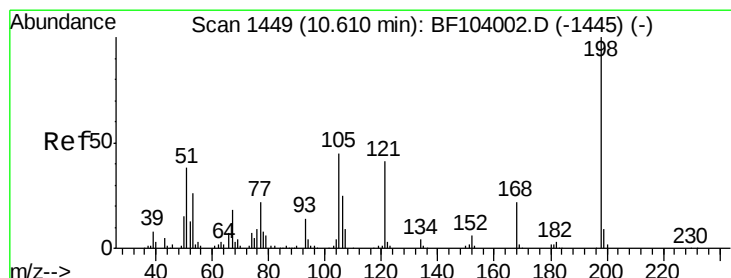
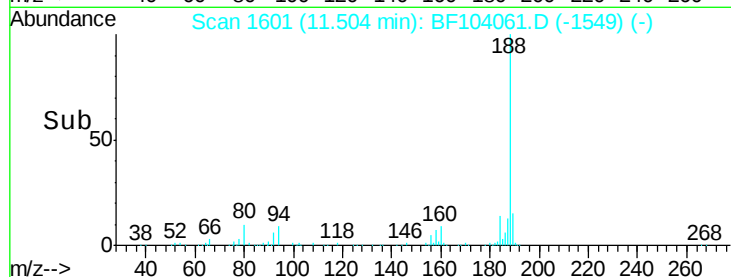
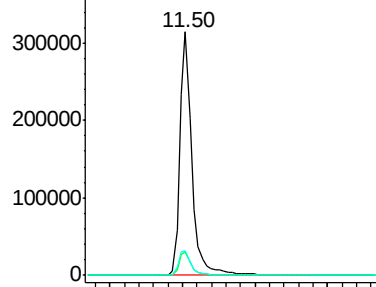
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 362656
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.4 9.2 13.8

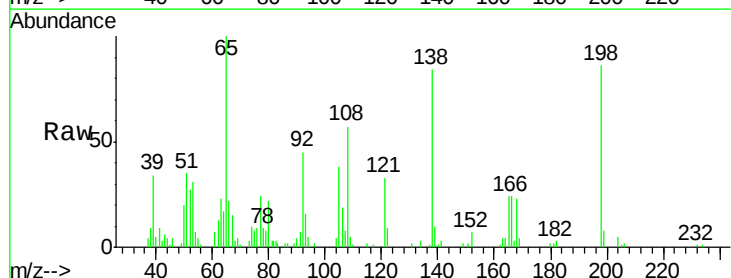


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

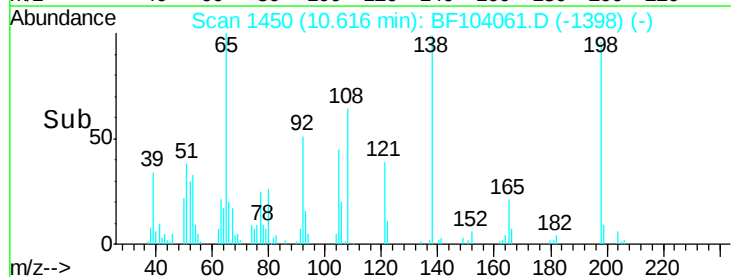
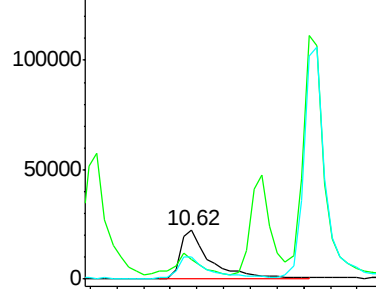


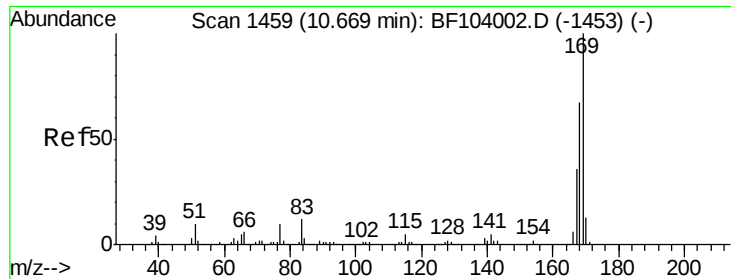
#64
4,6-Dinitro-2-methylphenol
Concen: 16.158 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Tgt Ion:198 Resp: 35470
Ion Ratio Lower Upper
198 100
51 40.8 37.7 77.7
105 44.5 36.3 76.3



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

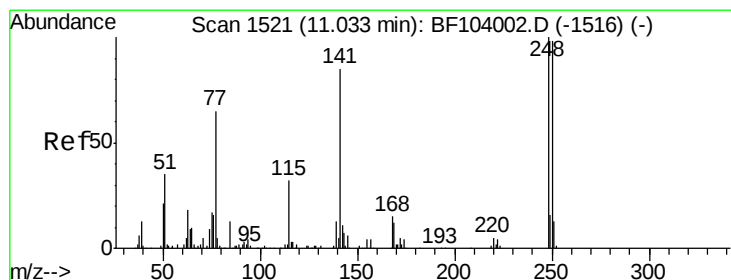
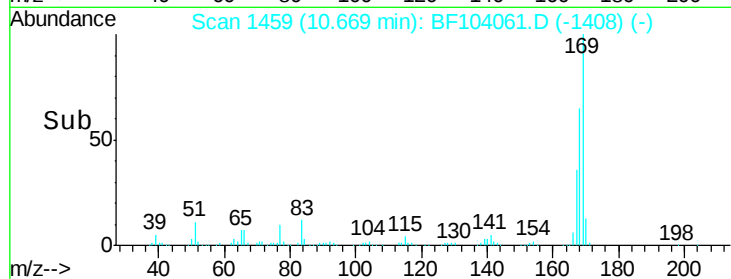
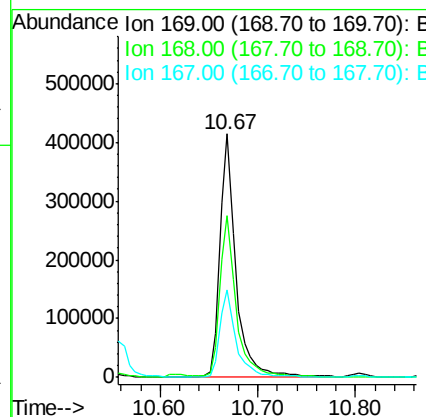
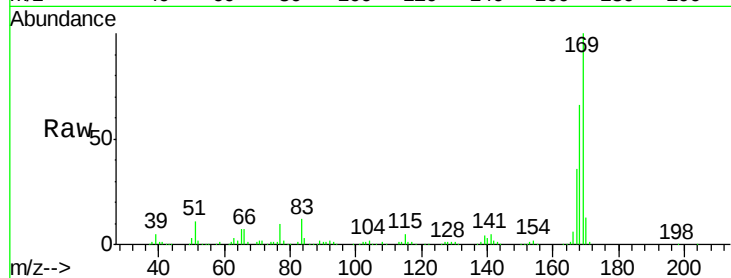




#65
 n-Nitrosodiphenylamine
 Concen: 38.433 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.00 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

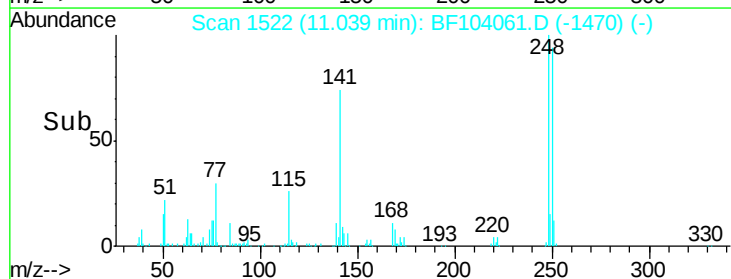
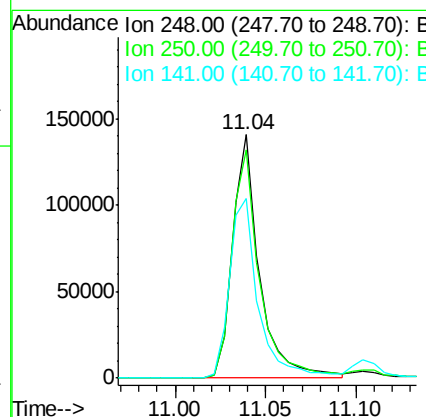
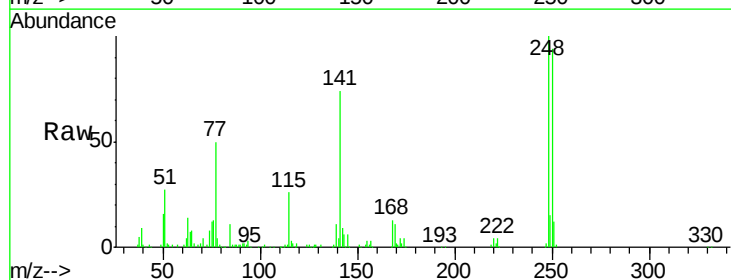
Instrument :
 BNA_F
 ClientSampleId :

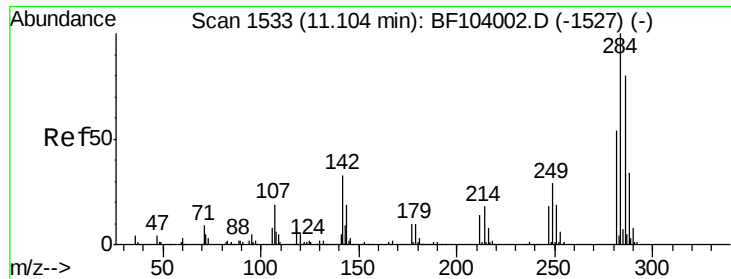
Tot Ion:169 Resp: 472035
 Ion Ratio Lower Upper
 169 100
 168 66.4 54.4 81.6
 167 36.1 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 37.594 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.01 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

Tgt Ion:248 Resp: 145861
 Ion Ratio Lower Upper
 248 100
 250 93.7 76.9 115.3
 141 73.6 74.4 111.6#

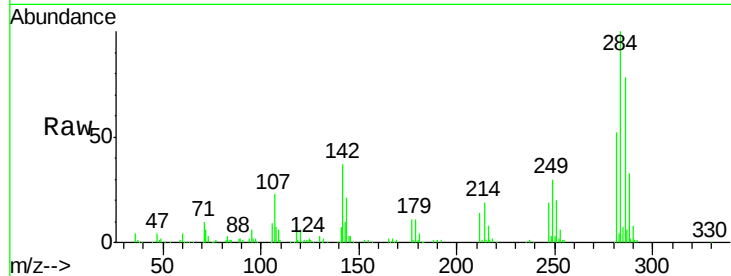




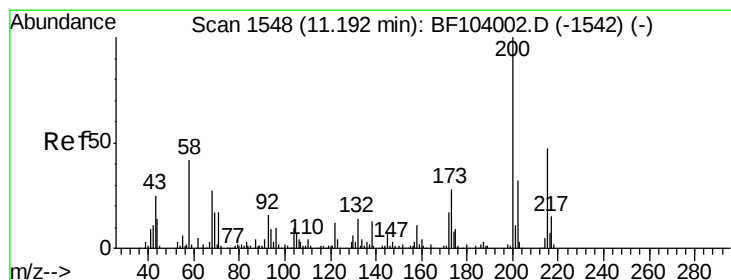
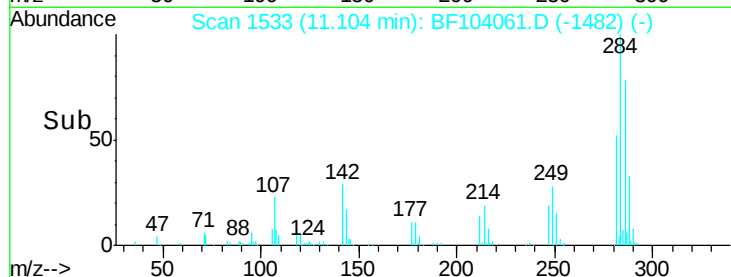
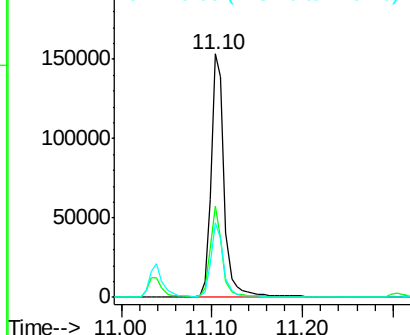
#67
Hexachlorobenzene
Concen: 35.505 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 158460
Ion Ratio Lower Upper
284 100
142 37.5 34.6 52.0
249 30.5 24.8 37.2

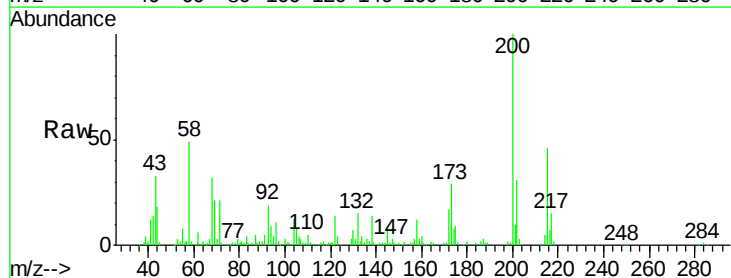


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

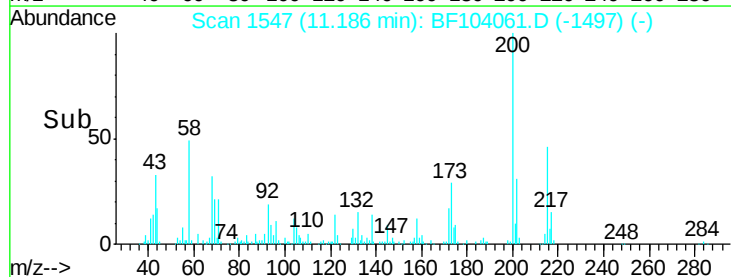
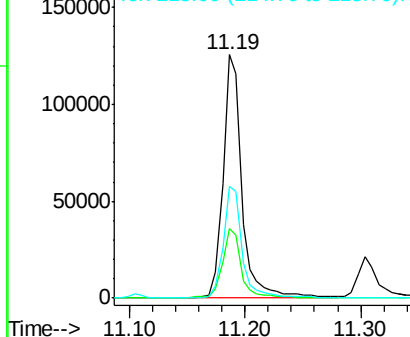


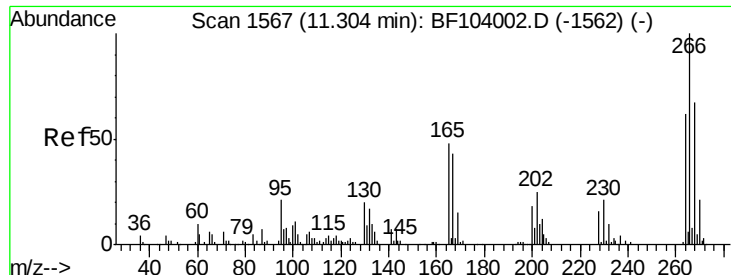
#68
Atrazine
Concen: 37.800 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Tgt Ion:200 Resp: 142230
Ion Ratio Lower Upper
200 100
173 28.7 8.6 48.6
215 46.1 25.1 65.1



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

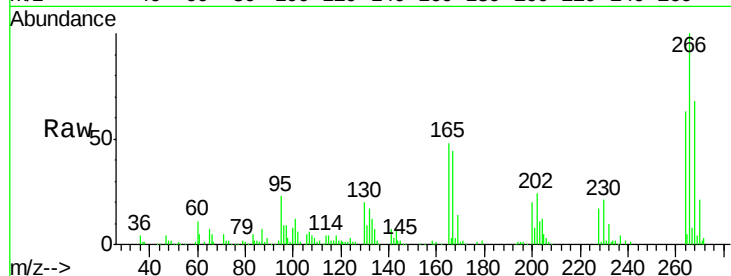




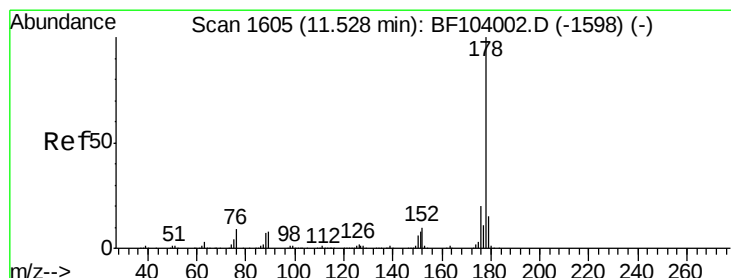
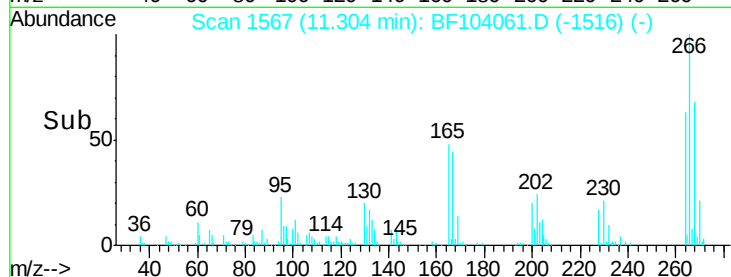
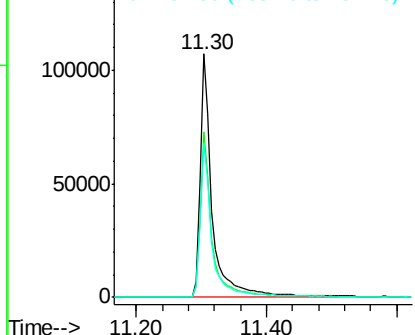
#69
 Pentachlorophenol
 Concen: 56.252 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 138152
 Ion Ratio Lower Upper
 266 100
 268 67.9 51.1 76.7
 264 63.4 49.5 74.3

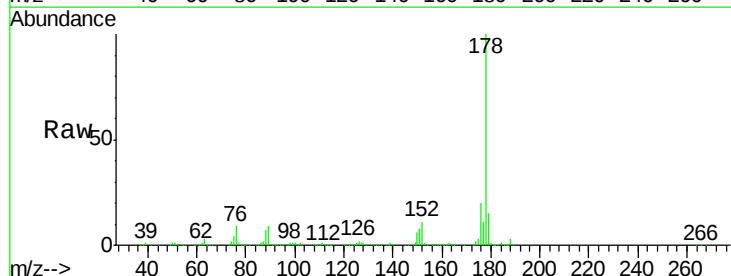


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

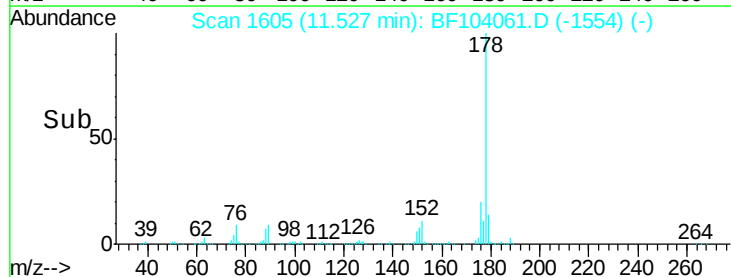
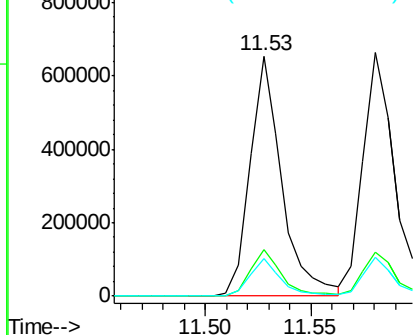


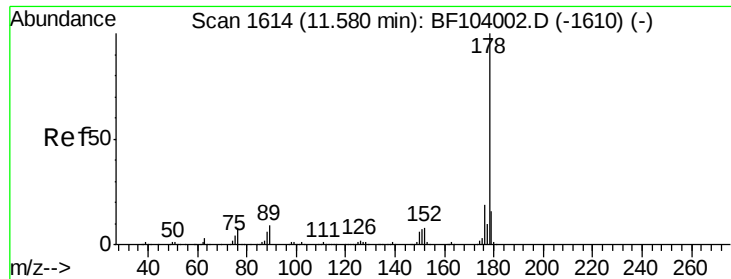
#70
 Phenanthrene
 Concen: 35.001 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

Tgt Ion:178 Resp: 687225
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 15.5 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

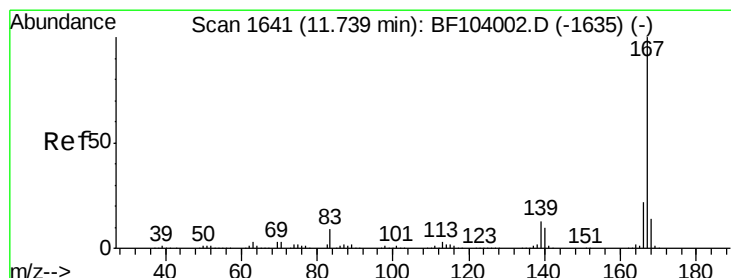
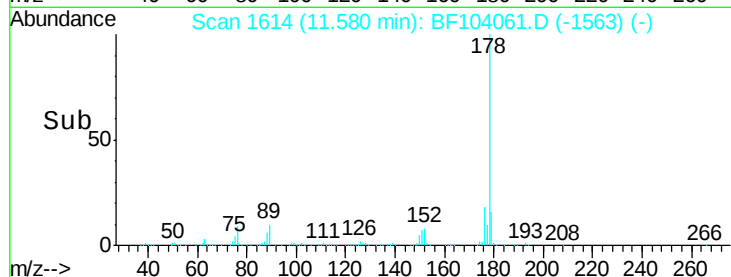
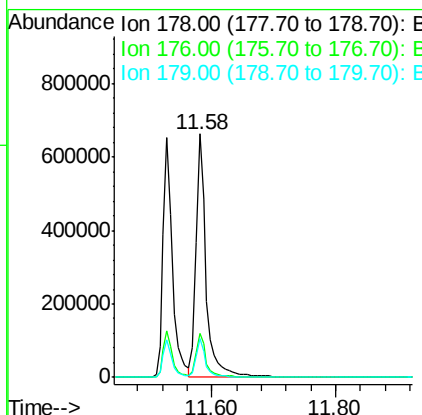
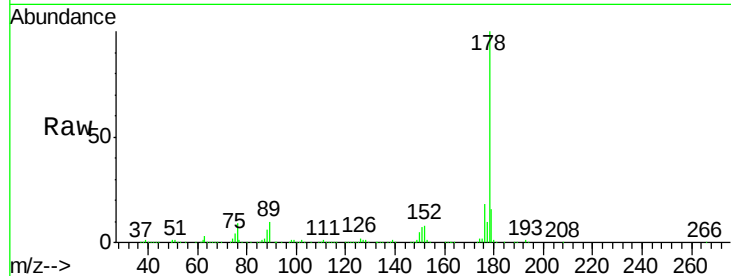




#71
 Anthracene
 Concen: 37.321 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. -0.00 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

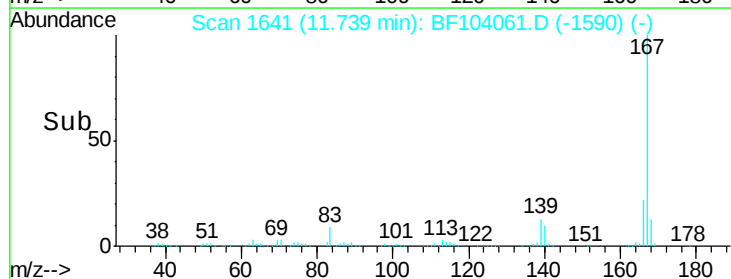
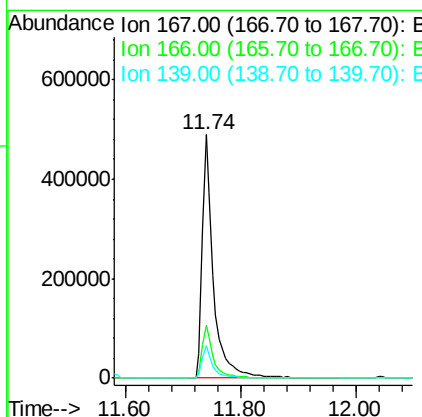
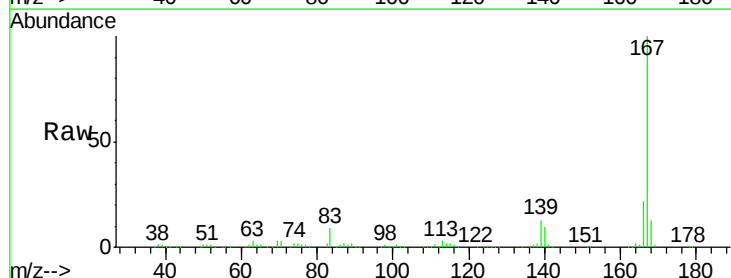
Instrument :
 BNA_F
 ClientSampleId :

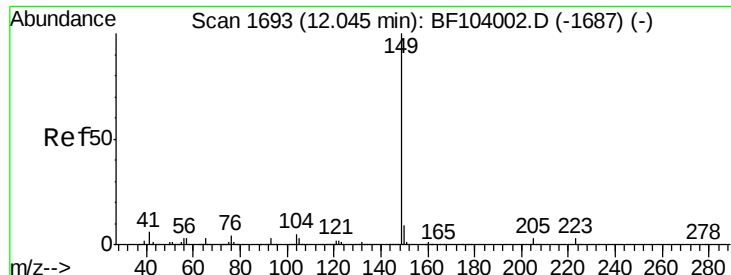
Tot Ion:178 Resp: 765418
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.4 23.2
 179 16.0 12.6 19.0



#72
 Carbazole
 Concen: 34.288 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

Tgt Ion:167 Resp: 671173
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 13.3 10.9 16.3





#73

Di-n-butylphthalate

Concen: 36.634 ng

RT: 12.04 min Scan# 1693

Delta R.T. -0.00 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

Instrument :

BNA_F

ClientSampled :

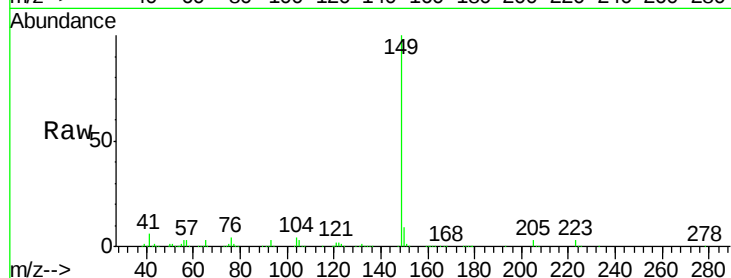
Tot Ion:149 Resp: 854163

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

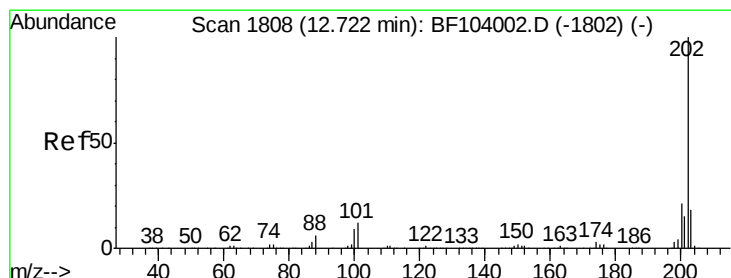
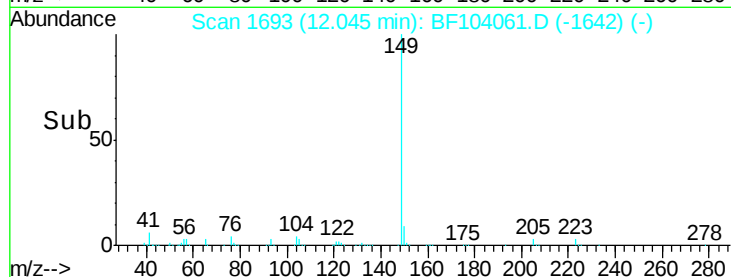
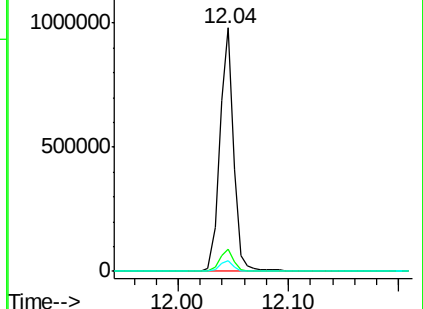
104 4.4 3.8 5.8



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: 31.810 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

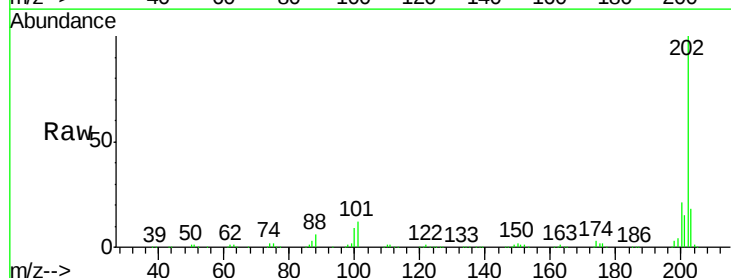
Tgt Ion:202 Resp: 663893

Ion Ratio Lower Upper

202 100

101 12.1 0.0 34.1

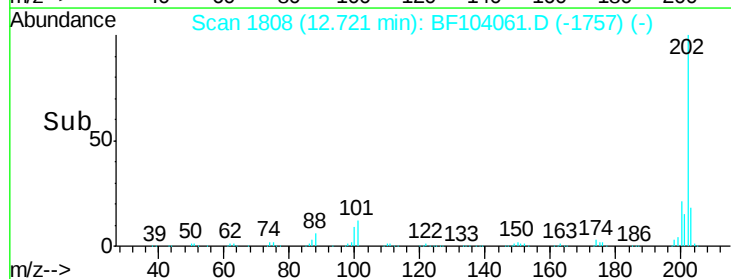
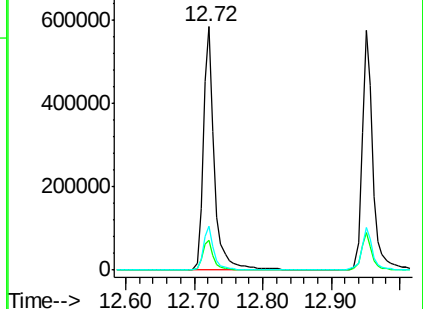
203 17.9 0.0 38.1

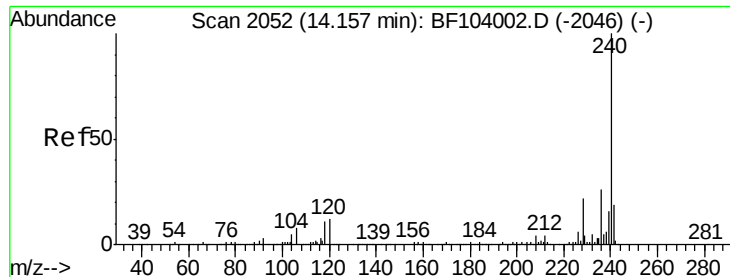


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.16 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

Instrument :

BNA_F

ClientSampled :

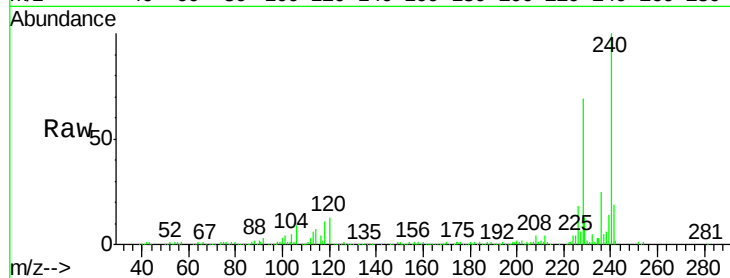
Tot Ion:240 Resp: 226563

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

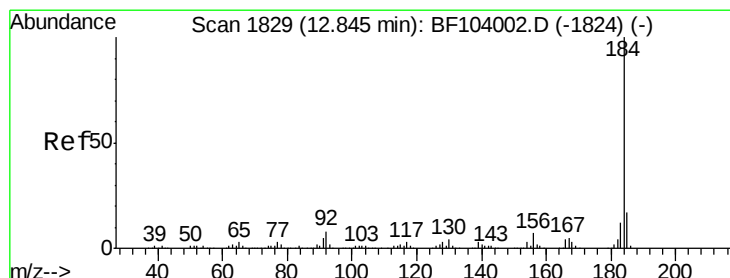
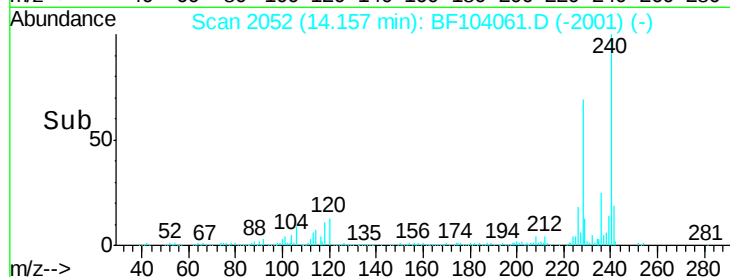
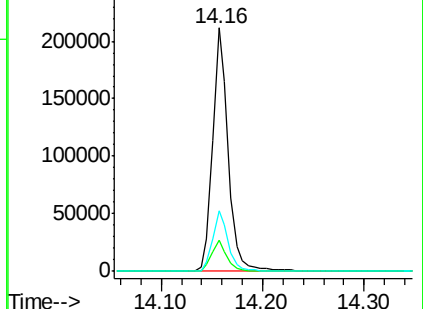
236 24.9 20.7 31.1



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: 56.404 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

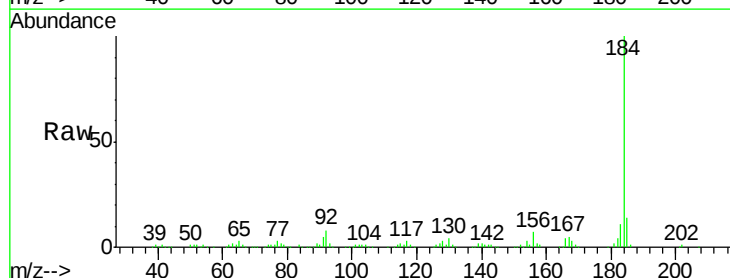
Tgt Ion:184 Resp: 364175

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

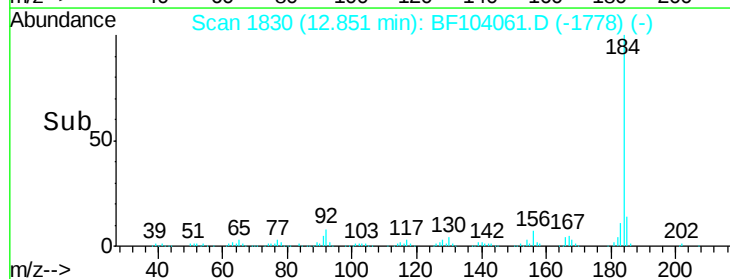
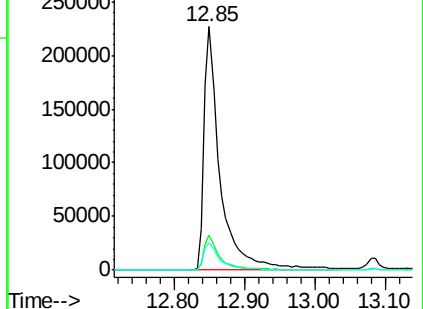
183 11.5 9.3 13.9

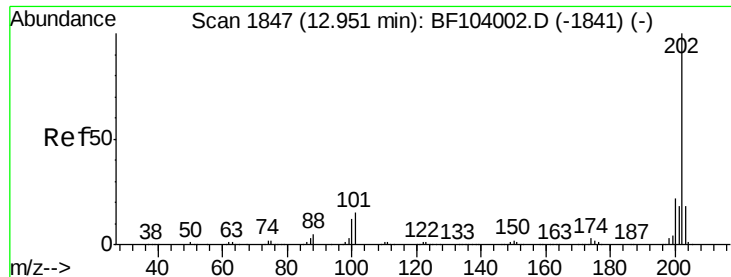


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

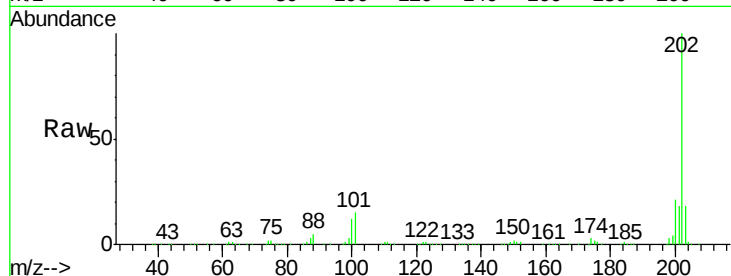




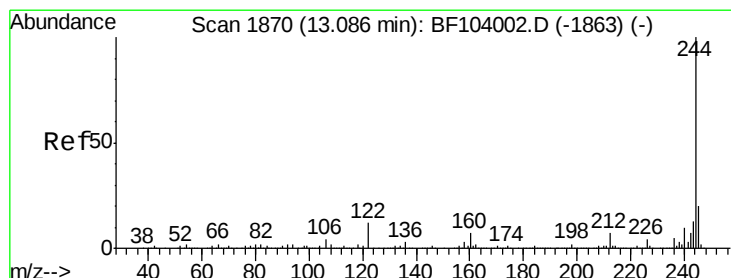
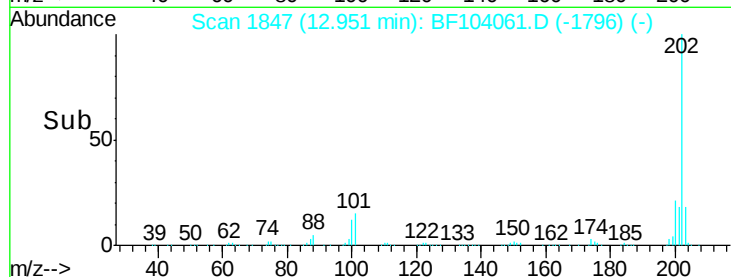
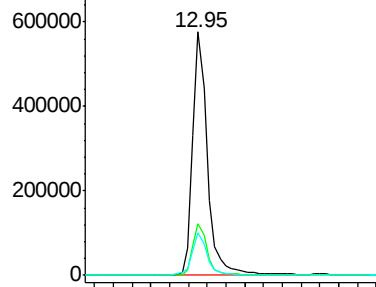
#77
Pvrene
Concen: 39.007 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.6	14.3	21.5

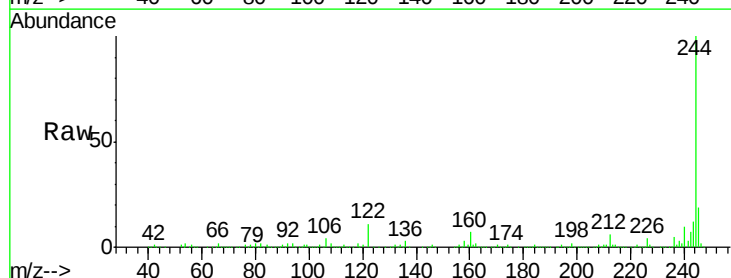


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

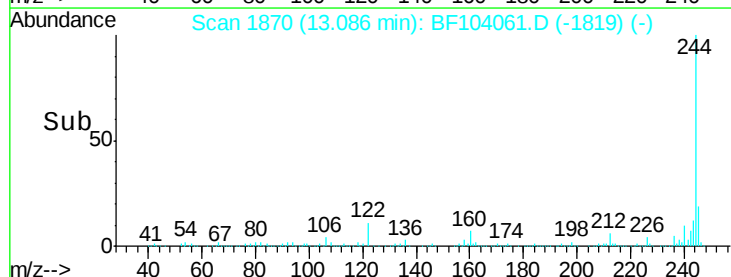
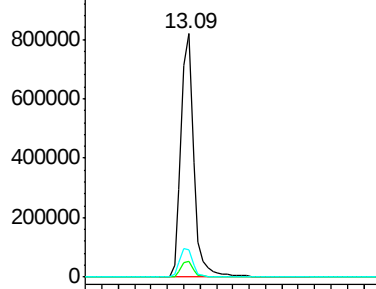


#78
Terphenyl-d14
Concen: 91.823 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	11.3	11.0	16.4



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

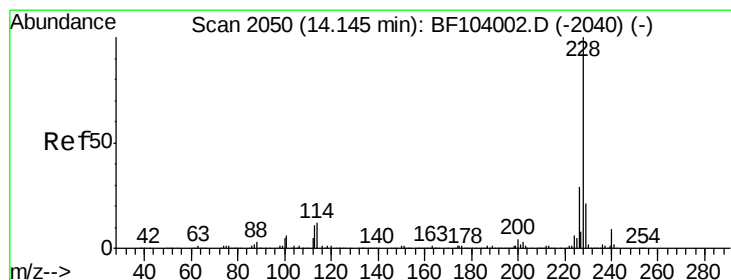
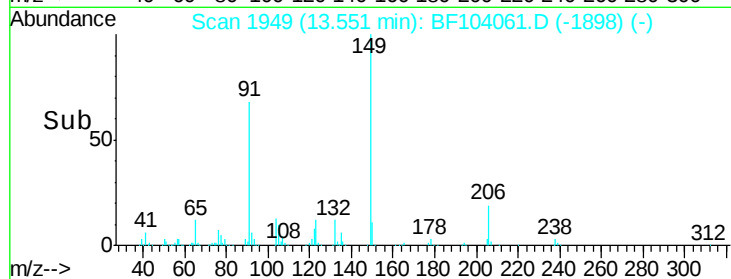
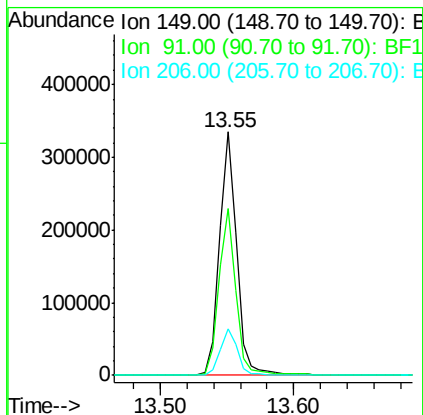
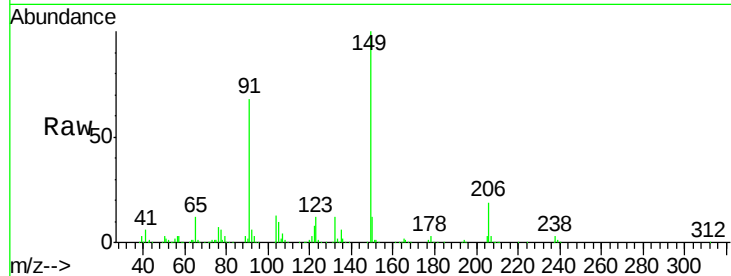




#79
Butylbenzylphthalate
Concen: 40.065 ng
RT: 13.55 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

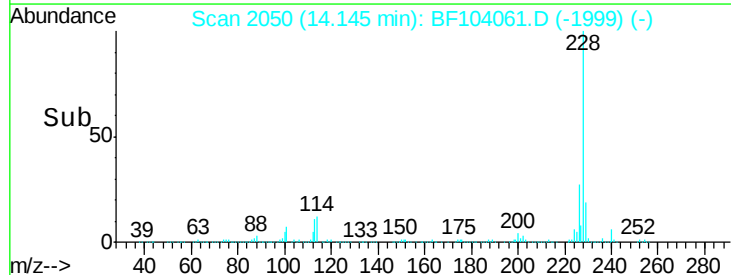
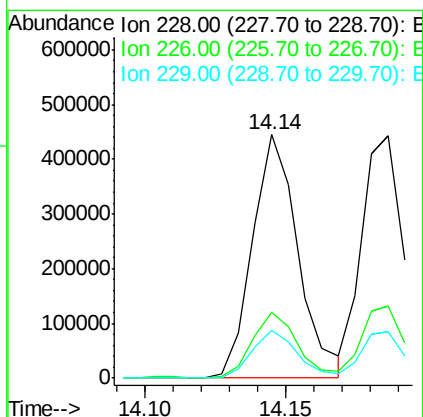
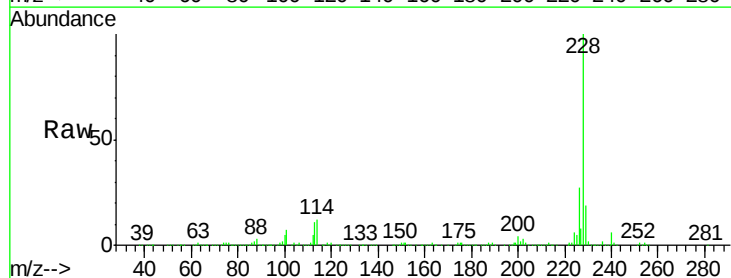
Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 307418
Ion Ratio Lower Upper
149 100
91 68.3 56.8 85.2
206 18.9 14.1 21.1



#80
Benzo(a)anthracene
Concen: 35.267 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.00 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Tgt Ion:228 Resp: 499954
Ion Ratio Lower Upper
228 100
226 27.0 22.6 33.8
229 19.4 15.8 23.6

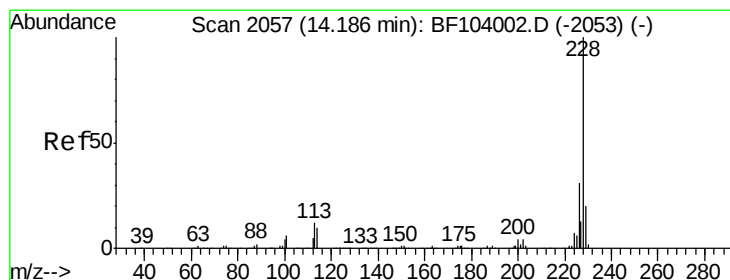
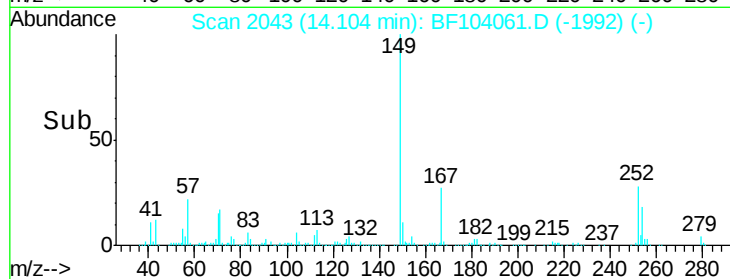
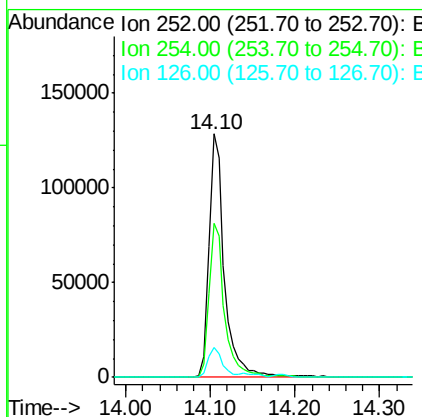
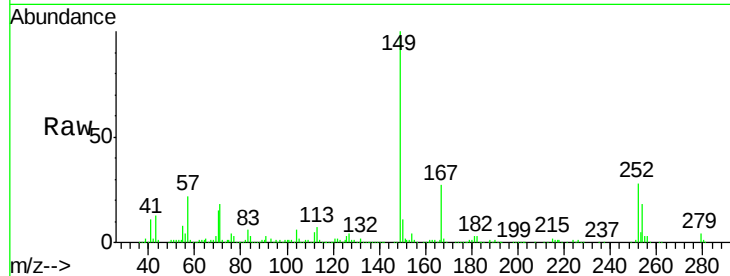




#81
 3,3'-Dichlorobenzidine
 Concen: 35.302 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.00 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

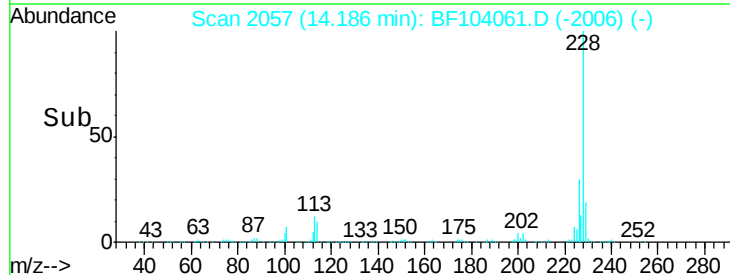
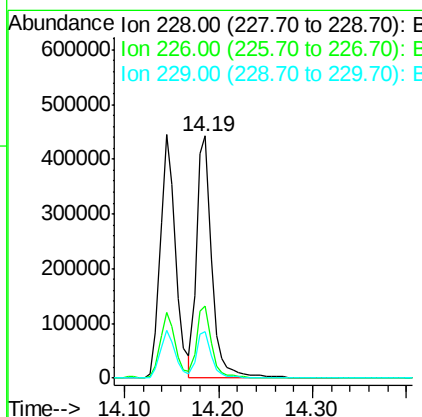
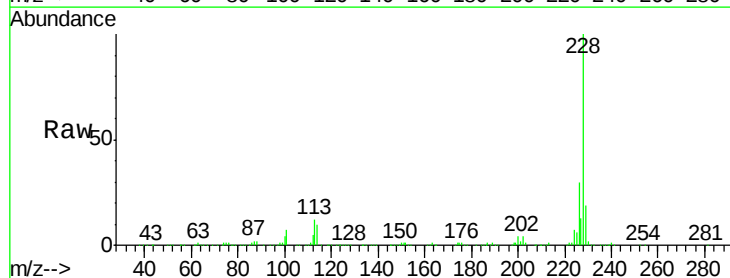
Instrument :
 BNA_F
 ClientSampleId :

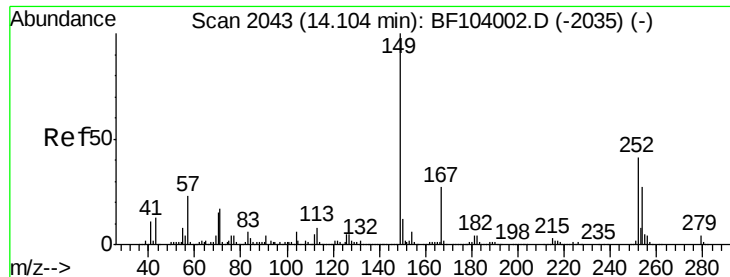
Tot Ion:252 Resp: 165652
 Ion Ratio Lower Upper
 252 100
 254 63.2 50.4 75.6
 126 12.4 11.3 16.9



#82
 Chrysene
 Concen: 35.997 ng
 RT: 14.19 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

Tgt Ion:228 Resp: 499820
 Ion Ratio Lower Upper
 228 100
 226 29.8 25.0 37.6
 229 19.5 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.715 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

Instrument :

BNA_F

ClientSampleId :

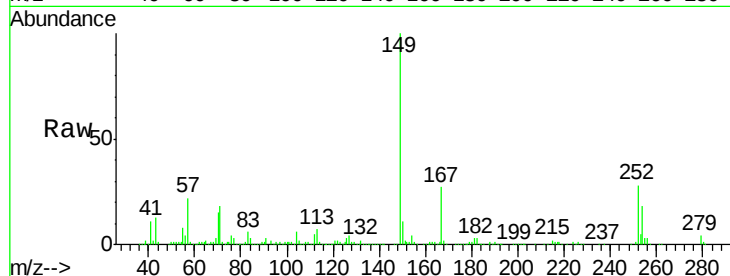
Tot Ion:149 Resp: 393740

Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

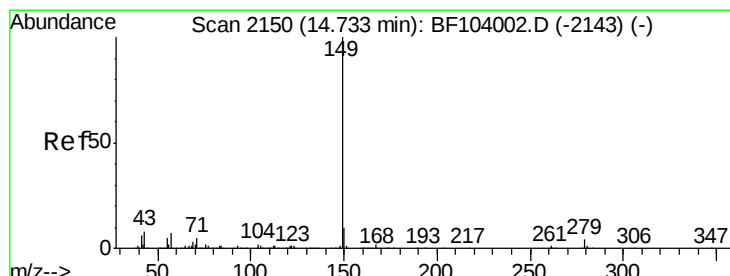
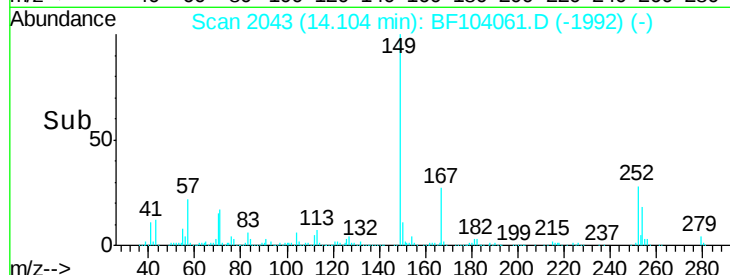
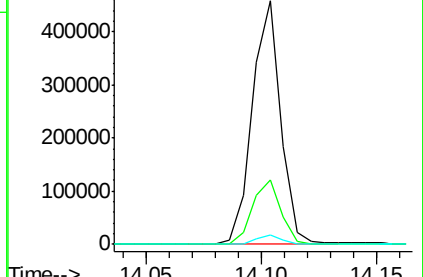
279 3.7 3.0 4.4



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: 35.765 ng

RT: 14.73 min Scan# 2149

Delta R.T. -0.01 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

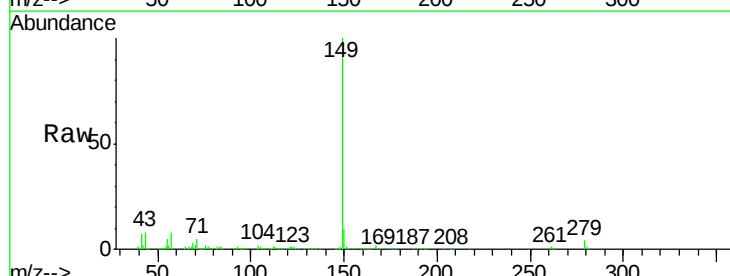
Tgt Ion:149 Resp: 609944

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

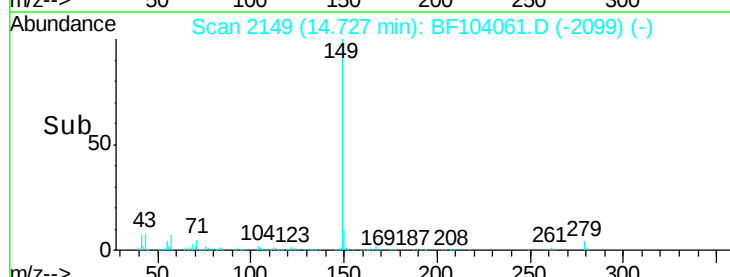
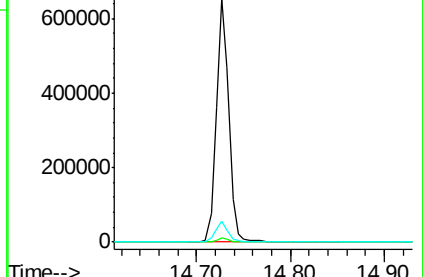
43 8.3 8.4 12.6#

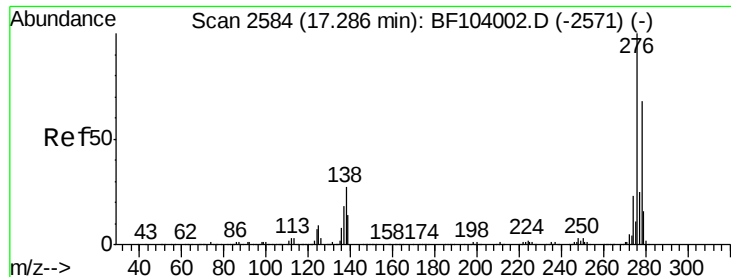


Abundance Ion 149.00 (148.70 to 149.70): E

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: 35.197 ng

RT: 17.30 min Scan# 2586

Delta R.T. 0.01 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

Instrument :

BNA_F

ClientSampleId :

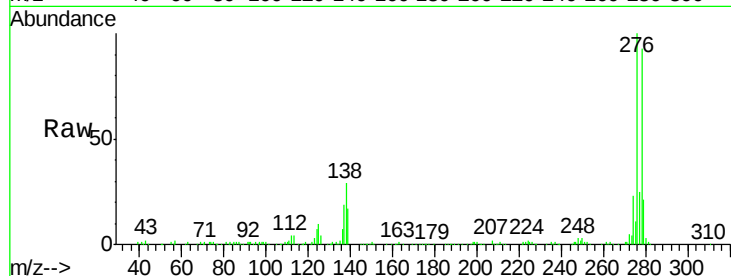
Tot Ion:276 Resp: 506429

Ion Ratio Lower Upper

276 100

138 28.2 25.0 37.6

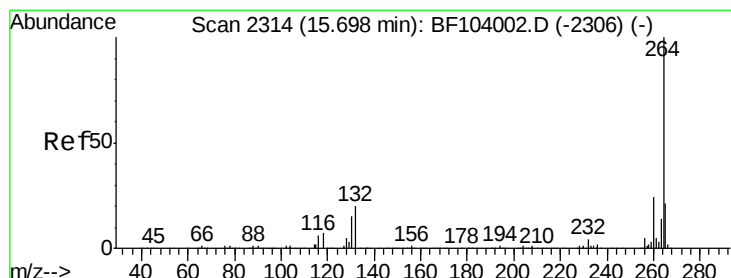
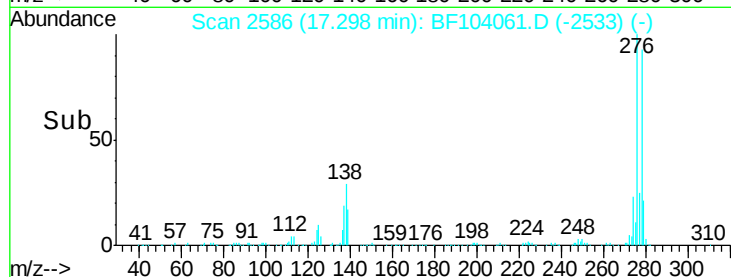
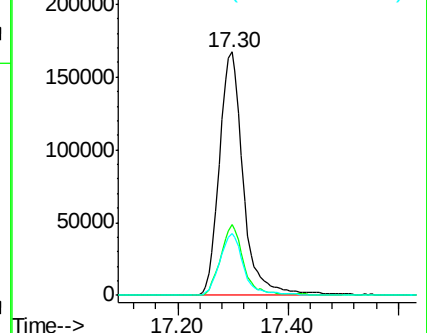
277 25.3 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.70 min Scan# 2314

Delta R.T. -0.00 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

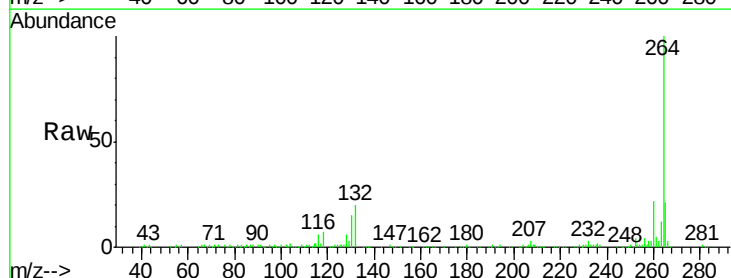
Tgt Ion:264 Resp: 216307

Ion Ratio Lower Upper

264 100

260 22.3 19.2 28.8

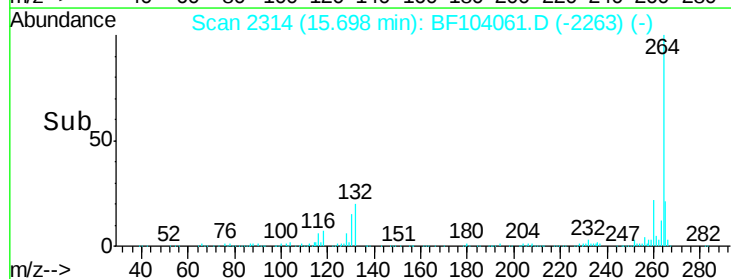
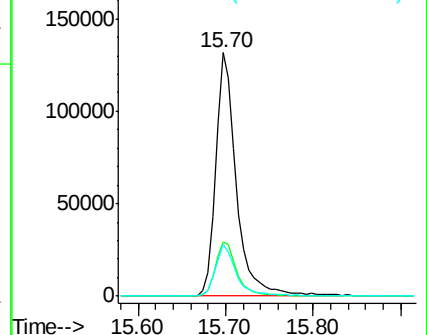
265 21.4 17.5 26.3

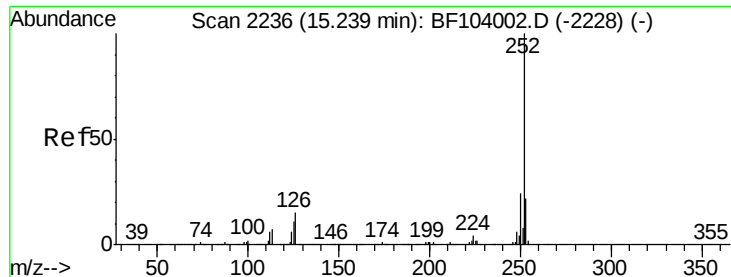


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

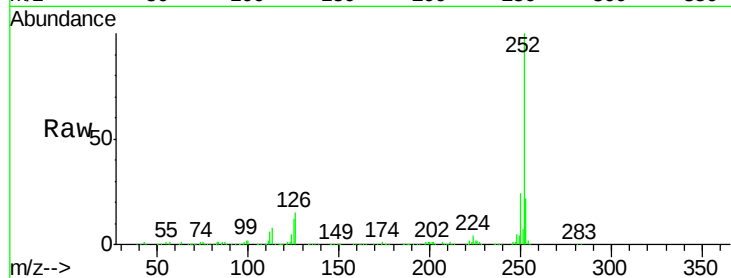




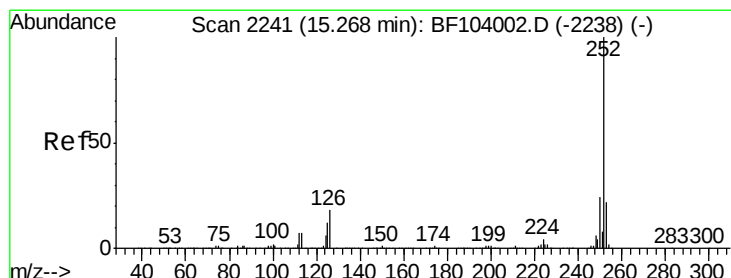
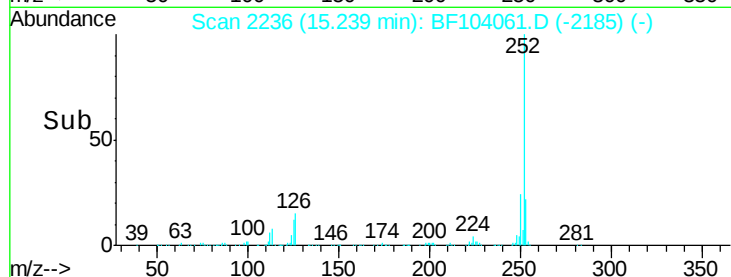
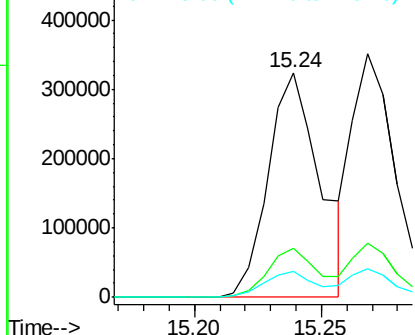
#87
Benzo(b)fluoranthene
Concen: 35.038 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 461244
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 11.8 9.0 13.6

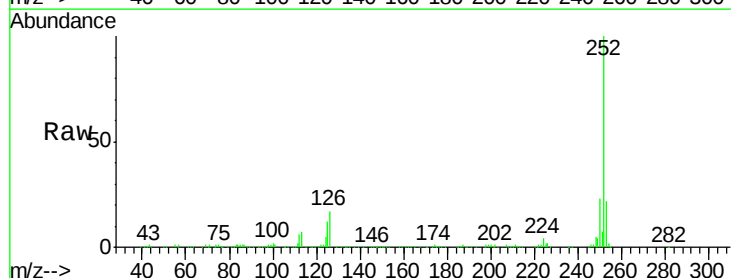


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

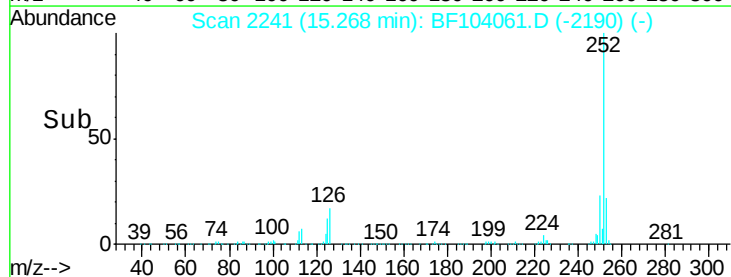
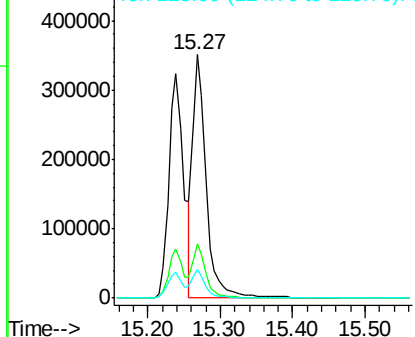


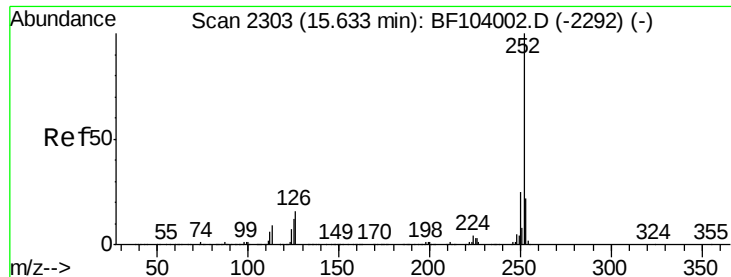
#88
Benzo(k)fluoranthene
Concen: 36.341 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Tgt Ion:252 Resp: 450656
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 11.8 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: 36.654 ng

RT: 15.63 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

Instrument :

BNA_F

ClientSampleId :

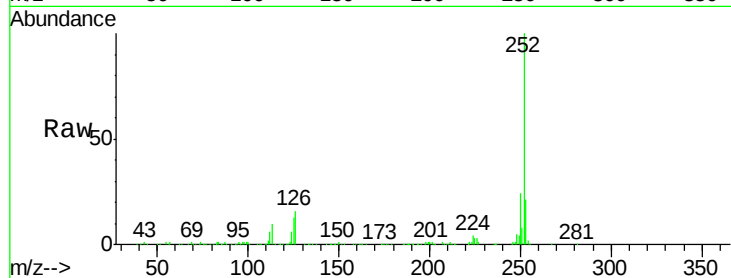
Tot Ion:252 Resp: 447156

Ion Ratio Lower Upper

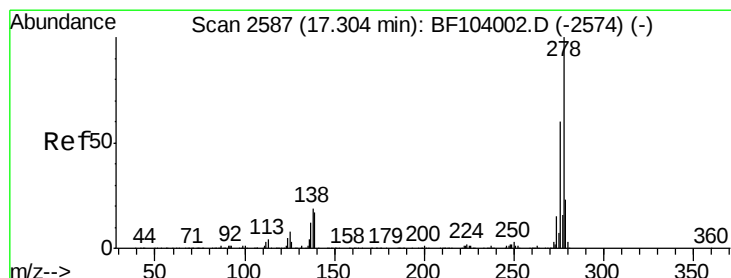
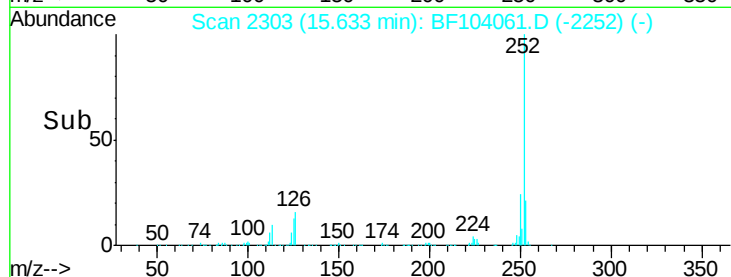
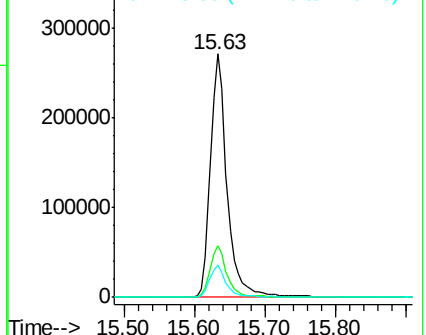
252 100

253 20.9 17.1 25.7

125 13.1 9.8 14.6



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



#90

Dibenzo(a,h)anthracene

Concen: 38.675 ng

RT: 17.30 min Scan# 2587

Delta R.T. -0.00 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

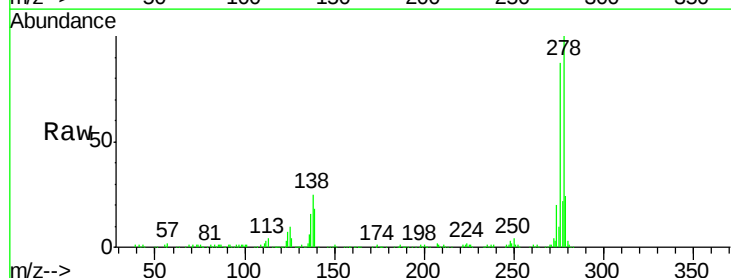
Tgt Ion:278 Resp: 436209

Ion Ratio Lower Upper

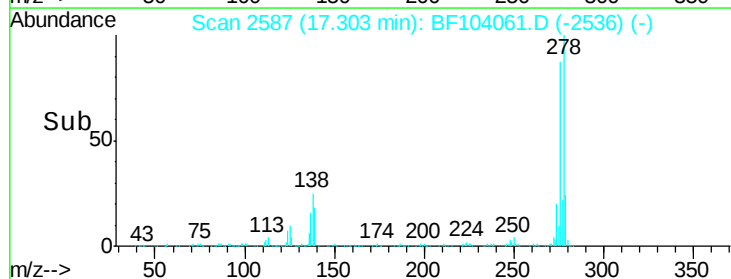
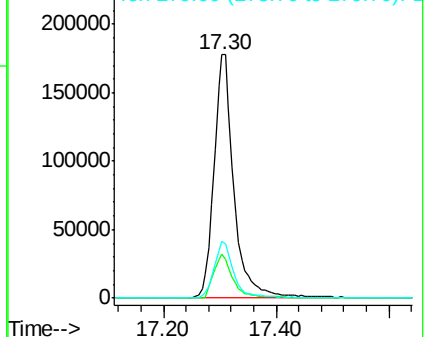
278 100

139 17.9 15.9 23.9

279 23.5 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

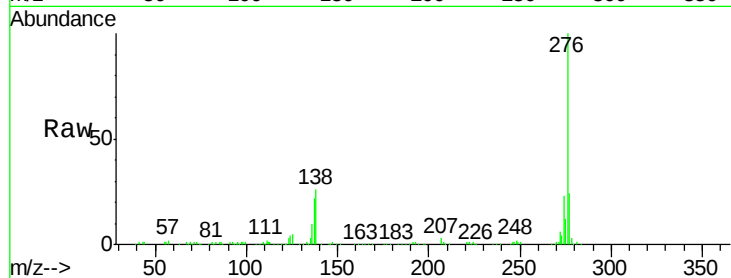




#91
 Benzo(a,h,i)perylene
 Concen: 36.725 ng
 RT: 17.77 min Scan# 2667
 Delta R.T. 0.01 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	25.6	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

