

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
 Data File : BF104045.D
 Acq On : 29 Mar 2018 12:44
 Operator : JU/SJ
 Sample : PB107643BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 29 16:26:08 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	6.96	152	110843	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	470722	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	230216	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	425236	20.00	ng	0.00
75) Chrysene-d12	14.16	240	377765	20.00	ng	0.00
86) Perylene-d12	15.70	264	343360	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	685705	98.66	ng	0.00
7) Phenol-d6	6.60	99	867994	101.51	ng	0.00
23) Nitrobenzene-d5	7.53	82	539236	70.06	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	261957	102.19	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1079956	73.97	ng	0.00
78) Terphenyl-d14	13.09	244	1138541	69.59	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.89	88	83366	27.810	ng	# 88
3) Pyridine	3.68	79	185963	24.505	ng	# 85
4) n-Nitrosodimethylamine	3.65	42	51247	22.719	ng	# 85
6) Aniline	6.64	93	126497	12.357	ng	# 72
8) 2-Chlorophenol	6.76	128	261937	34.355	ng	94
9) Benzaldehyde	6.52	77	91792	17.304	ng	97
10) Phenol	6.62	94	294393	31.071	ng	98
11) bis(2-Chloroethyl)ether	6.70	93	262901	32.200	ng	93
12) 1,3-Dichlorobenzene	6.90	146	264203	30.827	ng	99
13) 1,4-Dichlorobenzene	6.98	146	297463	32.392	ng	99
14) 1,2-Dichlorobenzene	7.13	146	261330	31.661	ng	98
15) Benzyl Alcohol	7.11	79	187926	33.801	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	285347	32.080	ng	57
17) 2-Methylphenol	7.22	107	203733	32.831	ng	# 93
18) Hexachloroethane	7.47	117	99304	32.297	ng	98
19) n-Nitroso-di-n-propylamine	7.37	70	169964	33.492	ng	90
20) 3+4-Methylphenols	7.37	107	256753	32.420	ng	# 61
22) Acetophenone	7.37	105	366095	32.144	ng	98
24) Nitrobenzene	7.55	77	242185	29.904	ng	94
25) Isophorone	7.78	82	472664	33.321	ng	98
26) 2-Nitrophenol	7.86	139	144394	34.156	ng	92
27) 2,4-Dimethylphenol	7.89	122	233070	38.228	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	304905	34.296	ng	99
29) 2,4-Dichlorophenol	8.10	162	220163	34.573	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	234066	32.395	ng	99
31) Naphthalene	8.27	128	791903	34.436	ng	99
32) Benzoic acid	8.02	122	90218	20.200	ng	95
33) 4-Chloroaniline	8.33	127	83039	8.565	ng	94
34) Hexachlorobutadiene	8.37	225	122485	31.152	ng	99
35) Caprolactam	8.69	113	64973	32.177	ng	# 82
36) 4-Chloro-3-methylphenol	8.80	107	238308	35.380	ng	97
37) 2-Methylnaphthalene	8.96	142	511480	33.766	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	227981	32.294	ng	99
40) Hexachlorocyclopentadiene	9.10	237	202430	62.203	ng	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	144928	32.420	ng	100
43) 2,4,5-Trichlorophenol	9.29	196	171203	31.719	ng	96
45) 1,1'-Biphenyl	9.42	154	628874	31.827	ng	99
46) 2-Chloronaphthalene	9.45	162	492604	31.606	ng	99
47) 2-Nitroaniline	9.56	65	141299	31.793	ng	93
48) Acenaphthylene	9.87	152	740337	31.354	ng	100
49) Dimethylphthalate	9.72	163	567738	31.235	ng	99
50) 2,6-Dinitrotoluene	9.79	165	129495	33.115	ng	90
51) Acenaphthene	10.04	154	412440	30.194	ng	99
52) 3-Nitroaniline	9.97	138	64536	14.357	ng	98
53) 2,4-Dinitrophenol	10.08	184	113660	67.513	ng	# 24
54) Dibenzofuran	10.22	168	659603	33.068	ng	99
55) 4-Nitrophenol	10.14	139	169663	62.947	ng	94
56) 2,4-Dinitrotoluene	10.20	165	162774	32.621	ng	# 100
57) Fluorene	10.56	166	537798	32.685	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	147107	36.377	ng	# 86
59) Diethylphthalate	10.42	149	676850	38.871	ng	99
60) 4-Chlorophenyl-phenylether	10.55	204	249400	33.002	ng	93
61) 4-Nitroaniline	10.60	138	131273	31.210	ng	93
62) Azobenzene	10.70	77	491337	31.206	ng	91
64) 4,6-Dinitro-2-methylphenol	10.61	198	78755	30.596	ng	87
65) n-Nitrosodiphenylamine	10.67	169	470947	32.702	ng	99
66) 4-Bromophenyl-phenylether	11.04	248	146195	32.135	ng	# 87
67) Hexachlorobenzene	11.10	284	162597	31.070	ng	# 91
68) Atrazine	11.19	200	147593	33.453	ng	98
69) Pentachlorophenol	11.30	266	158767	55.133	ng	97
70) Phenanthrene	11.53	178	745273	32.371	ng	98
71) Anthracene	11.58	178	841009	34.972	ng	99
72) Carbazole	11.74	167	778406	33.914	ng	99
73) Di-n-butylphthalate	12.04	149	890052	32.556	ng	99
74) Fluoranthene	12.72	202	840513	34.346	ng	96
76) Benzidine	12.84	184	286356	26.600	ng	98
77) Pyrene	12.95	202	846684	31.179	ng	99
79) Butylbenzylphthalate	13.55	149	404266	31.598	ng	97
80) Benzo(a)anthracene	14.14	228	758375	32.084	ng	100
81) 3,3'-Dichlorobenzidine	14.10	252	132876	16.983	ng	98
82) Chrysene	14.19	228	744111	32.141	ng	99
83) Bis(2-ethylhexyl)phthalate	14.10	149	540396	32.691	ng	100
84) Di-n-octyl phthalate	14.73	149	933278	32.821	ng	96
85) Indeno(1,2,3-cd)pyrene	17.29	276	605232	25.227	ng	95
87) Benzo(b)fluoranthene	15.24	252	679008	32.494	ng	99
88) Benzo(k)fluoranthene	15.27	252	729280	37.048	ng	99
89) Benzo(a)pyrene	15.64	252	667506	34.470	ng	99
90) Dibenzo(a,h)anthracene	17.30	278	508484	28.401	ng	99
91) Benzo(g,h,i)perylene	17.77	276	483855	26.981	ng	96

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

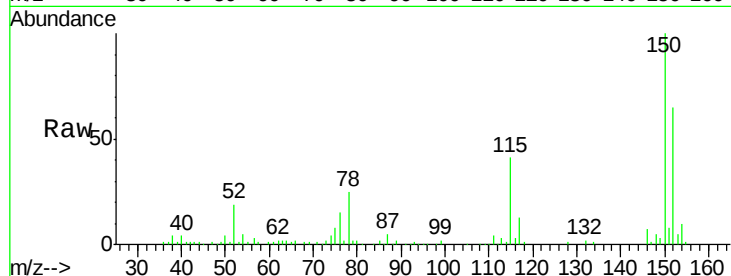


#1

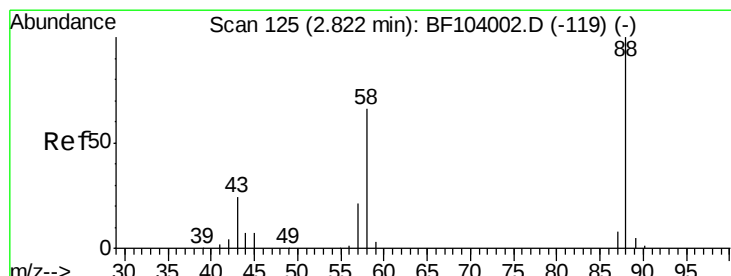
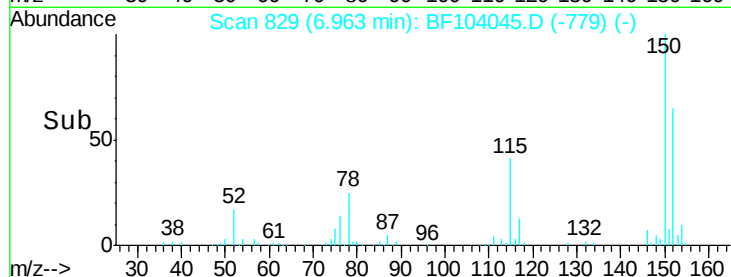
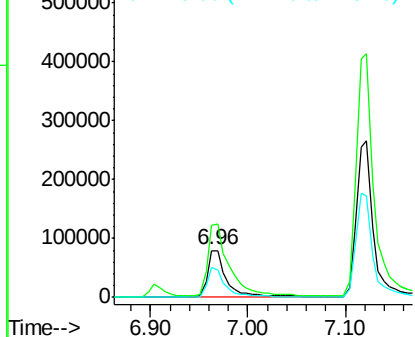
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF104045.D
Acq: 29 Mar 2018 12:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 110843
Ion Ratio Lower Upper
152 100
150 154.5 124.6 186.8
115 63.1 50.1 75.1



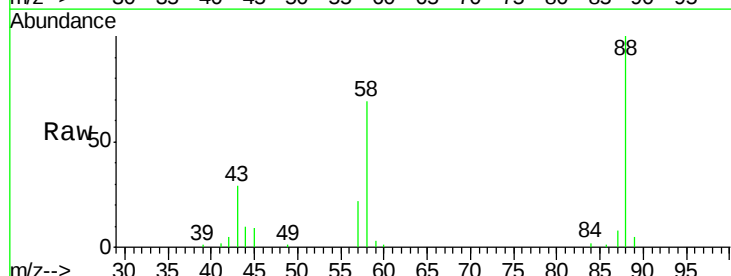
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



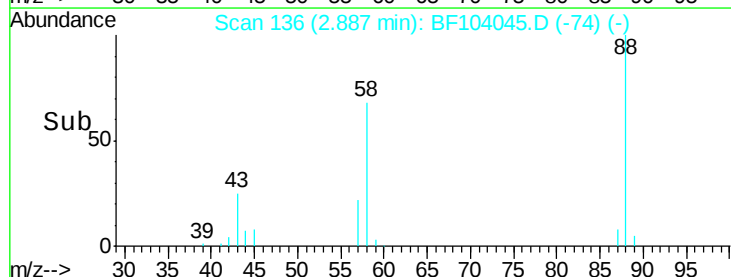
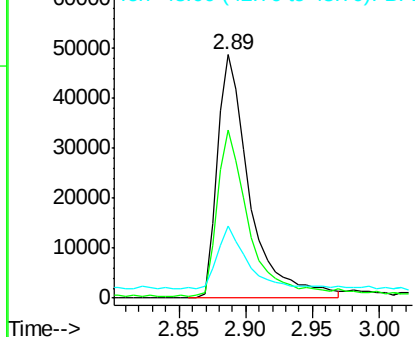
#2

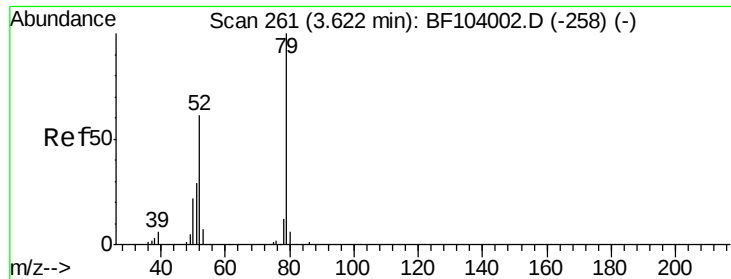
1,4-Dioxane
Concen: 27.810 ng
RT: 2.89 min Scan# 136
Delta R.T. 0.06 min
Lab File: BF104045.D
Acq: 29 Mar 2018 12:44

Tgt Ion: 88 Resp: 83366
Ion Ratio Lower Upper
88 100
58 68.1 62.6 93.8
43 23.7 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

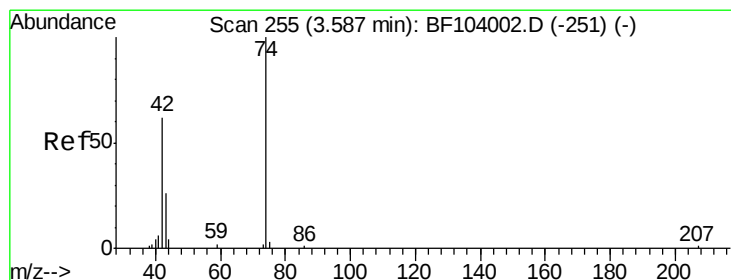
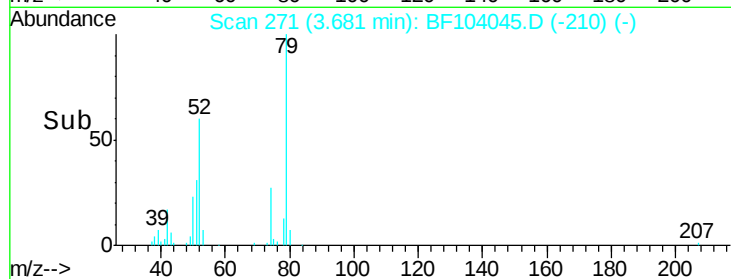
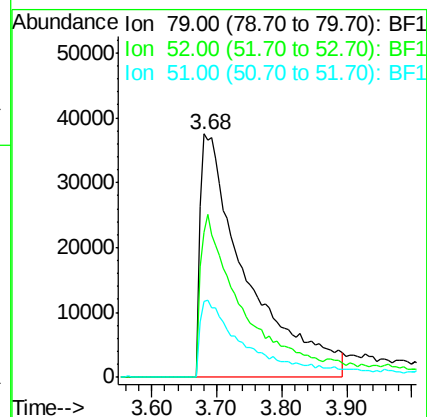
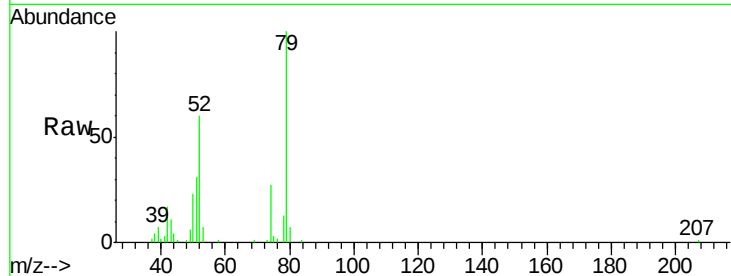




#3
 Pvridine
 Concen: 24.505 ng
 RT: 3.68 min Scan# 271
 Delta R.T. 0.06 min
 Lab File: BF104045.D
 Acq: 29 Mar 2018 12:44

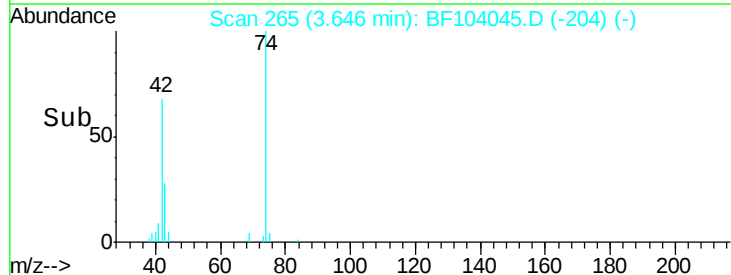
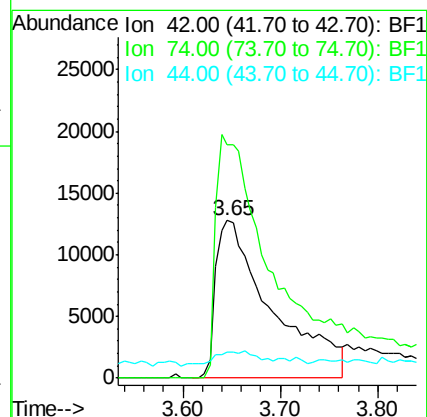
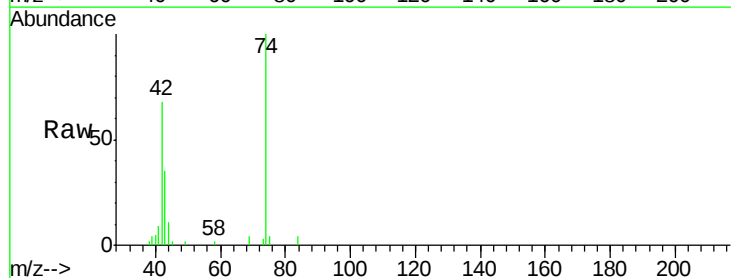
Instrument :
 BNA_F
 ClientSampleId :

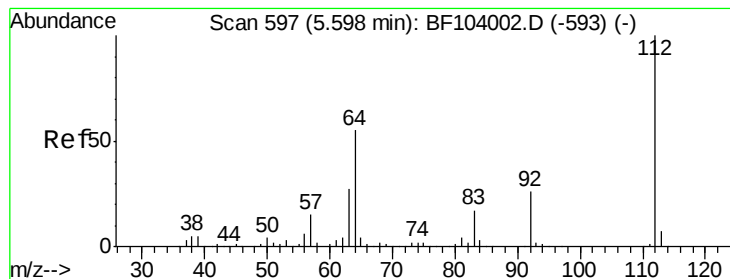
Tot Ion	Ratio	Lower	Upper
79	100		
52	59.7	59.8	89.6#
51	31.1	29.8	44.8



#4
 n-Nitrosodimethylamine
 Concen: 22.719 ng
 RT: 3.65 min Scan# 265
 Delta R.T. 0.06 min
 Lab File: BF104045.D
 Acq: 29 Mar 2018 12:44

Tgt Ion	Ratio	Lower	Upper
42	100		
74	147.9	104.9	157.3
44	16.5	6.9	10.3#





#5

2-Fluorophenol

Concen: 98.655 ng

RT: 5.60 min Scan# 598

Delta R.T. 0.01 min

Lab File: BF104045.D

Acq: 29 Mar 2018 12:44

Instrument :

BNA_F

ClientSampleId :

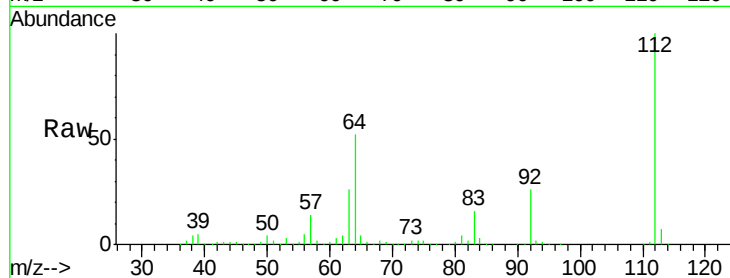
Tot Ion:112 Resp: 685705

Ion Ratio Lower Upper

112 100

64 51.9 47.9 71.9

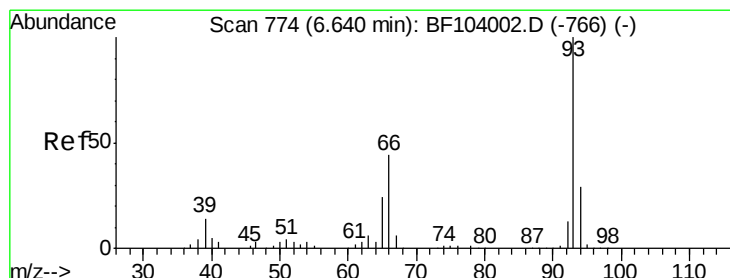
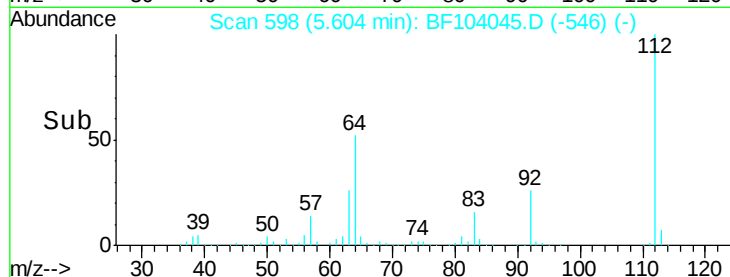
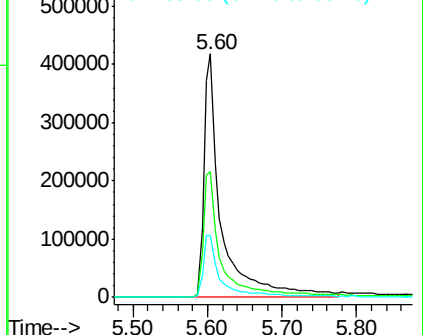
63 25.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 12.357 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF104045.D

Acq: 29 Mar 2018 12:44

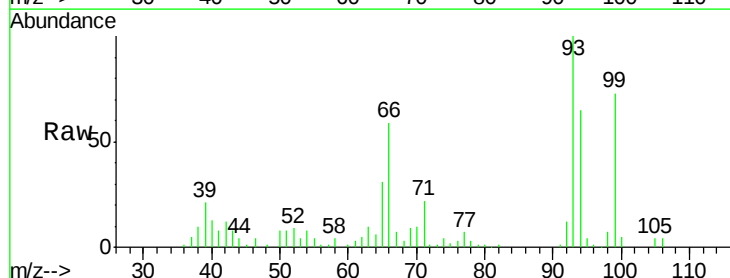
Tgt Ion: 93 Resp: 126497

Ion Ratio Lower Upper

93 100

66 58.6 32.2 48.2#

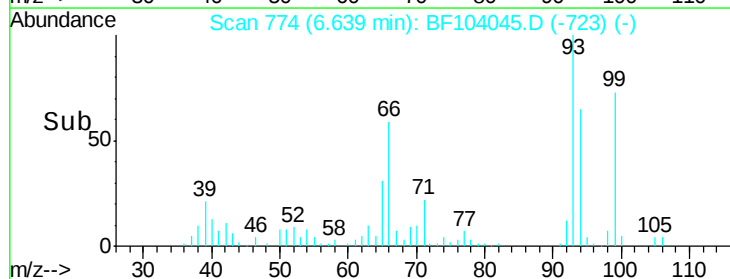
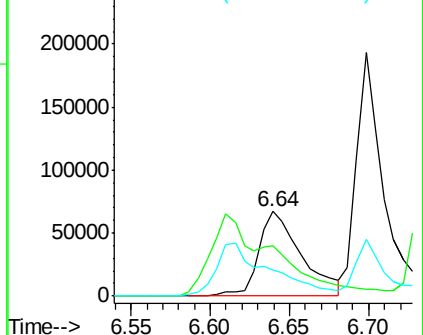
65 31.3 16.4 24.6#

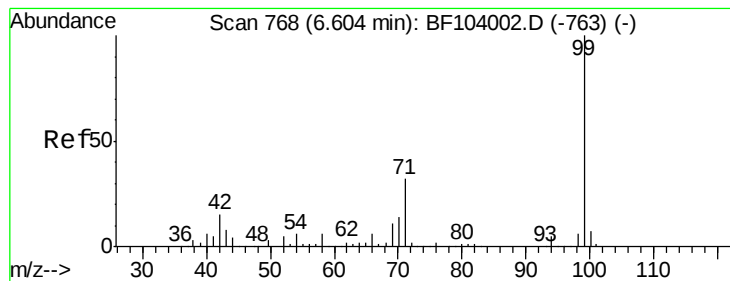


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 101.505 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF104045.D

Acq: 29 Mar 2018 12:44

Instrument :

BNA_F

ClientSampleId :

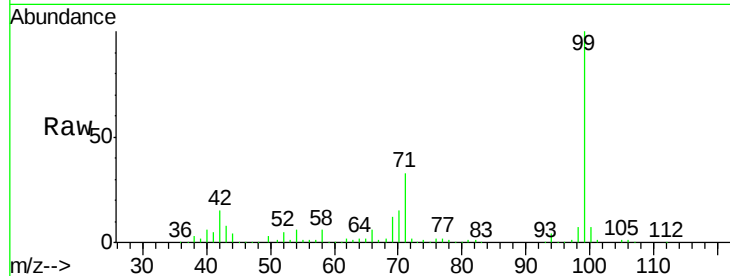
Tot Ion: 99 Resp: 867994

Ion Ratio Lower Upper

99 100

42 15.1 14.5 21.7

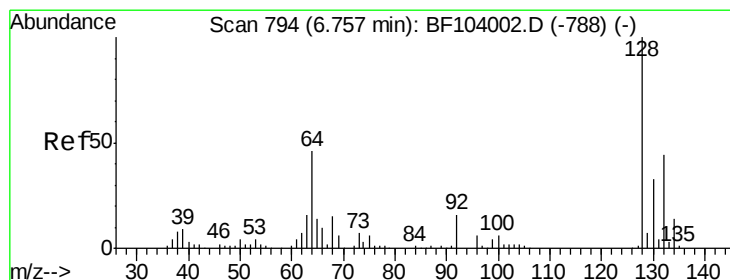
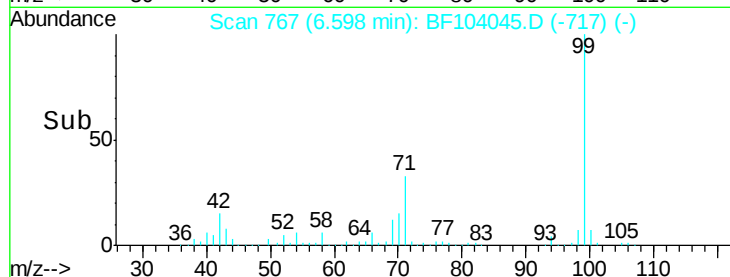
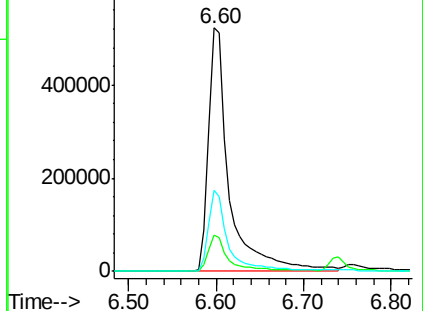
71 33.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 34.355 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF104045.D

Acq: 29 Mar 2018 12:44

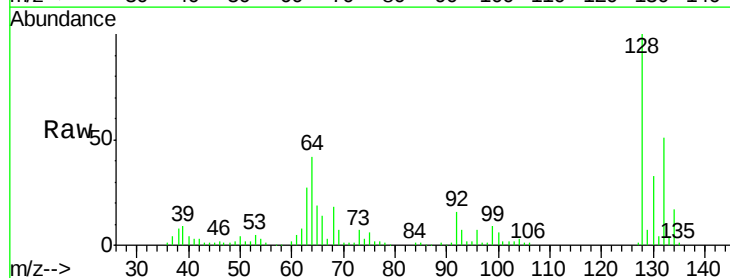
Tgt Ion:128 Resp: 261937

Ion Ratio Lower Upper

128 100

130 33.3 13.0 53.0

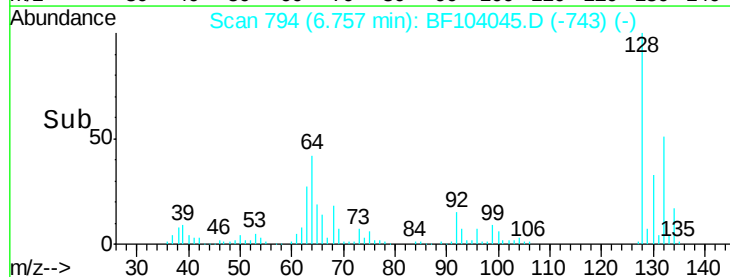
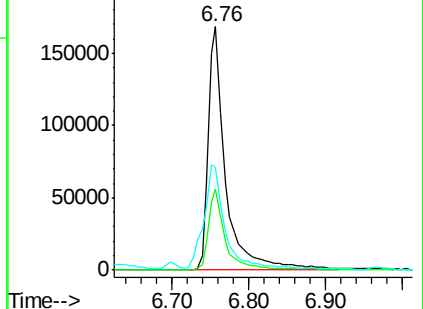
64 42.3 29.4 69.4

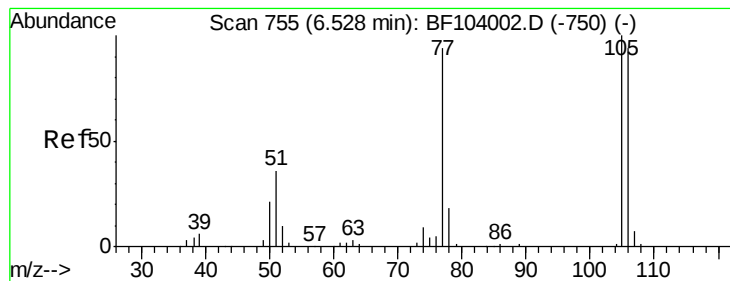


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 17.304 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF104045.D

Acq: 29 Mar 2018 12:44

Instrument :

BNA_F

ClientSampleId :

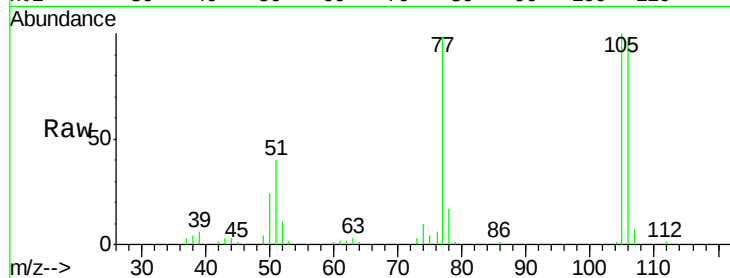
Tot Ion: 77 Resp: 91792

Ion Ratio Lower Upper

77 100

105 101.6 81.1 121.1

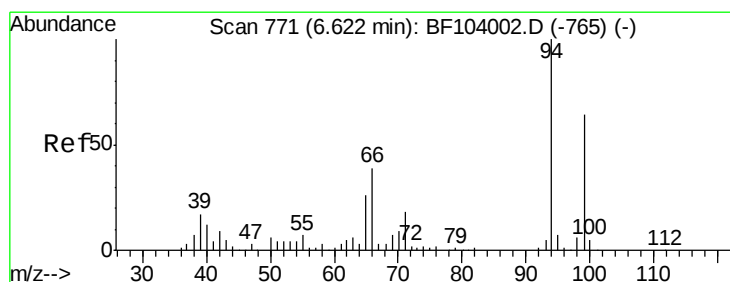
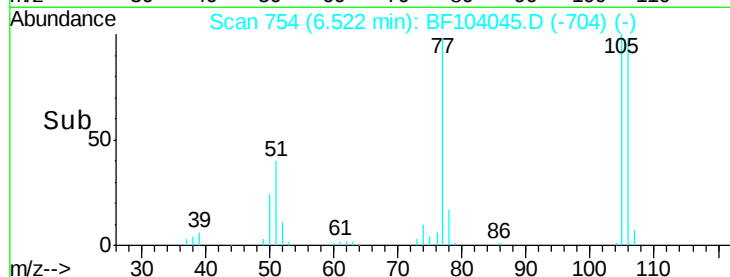
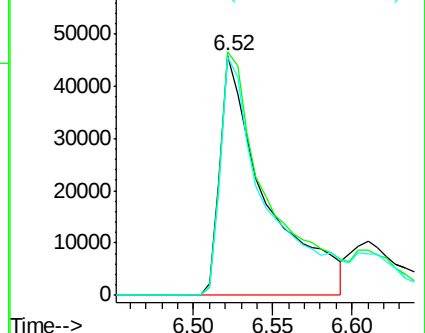
106 99.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 31.071 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF104045.D

Acq: 29 Mar 2018 12:44

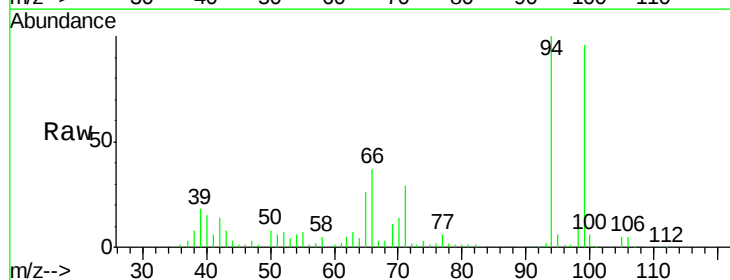
Tgt Ion: 94 Resp: 294393

Ion Ratio Lower Upper

94 100

65 26.4 7.9 47.9

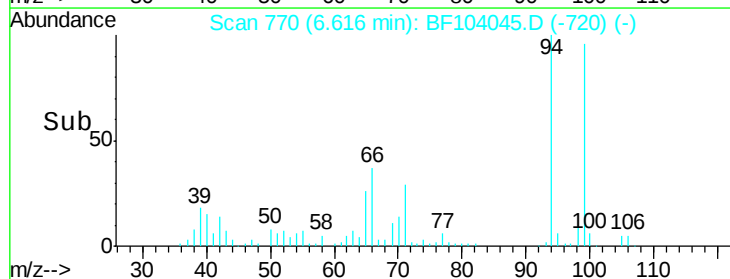
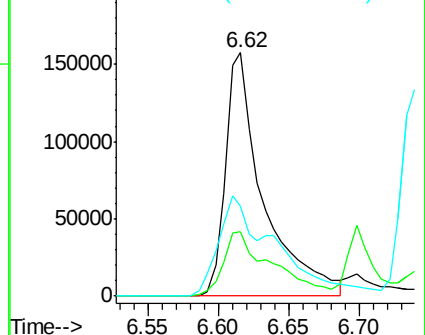
66 37.2 16.2 56.2



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

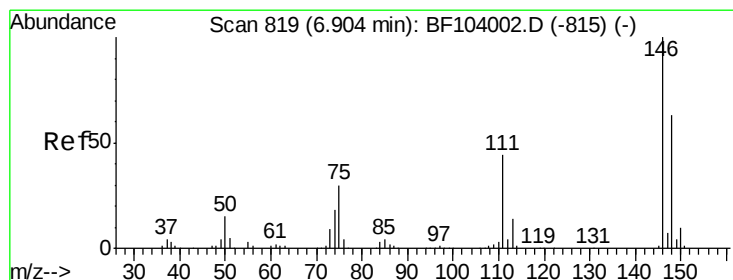
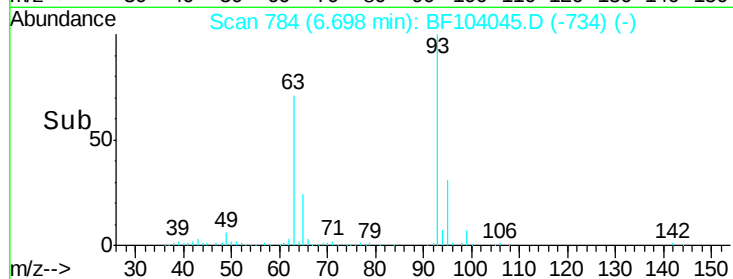
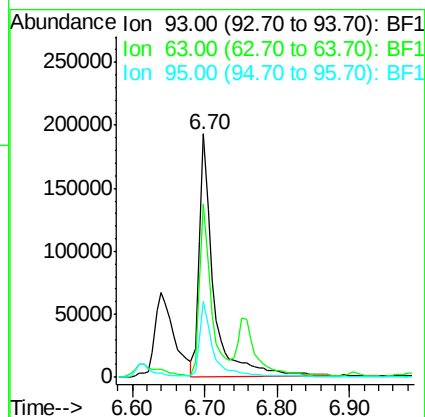
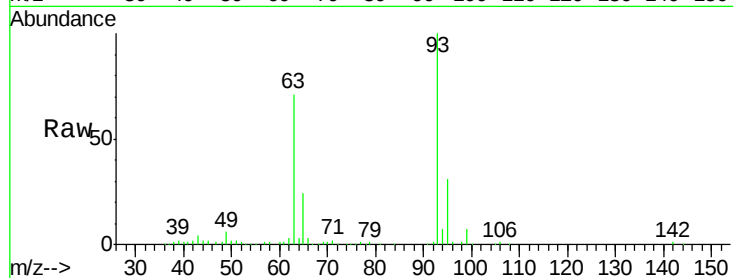




#11
bis(2-Chloroethyl)ether
Concen: 32.200 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF104045.D
Acq: 29 Mar 2018 12:44

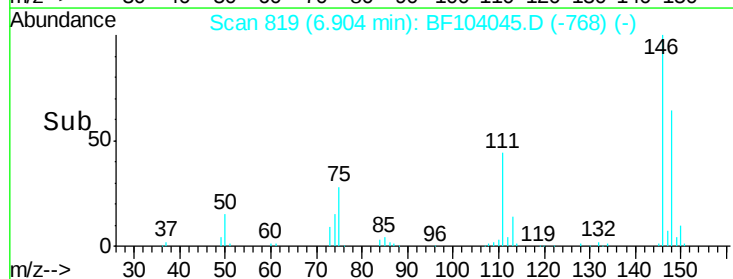
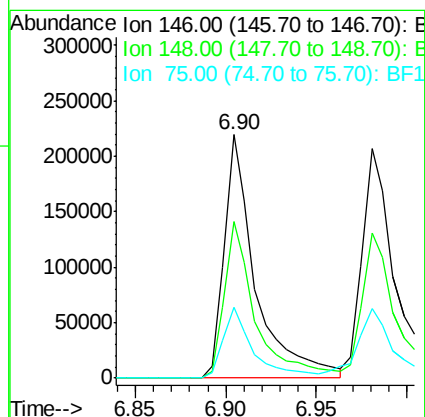
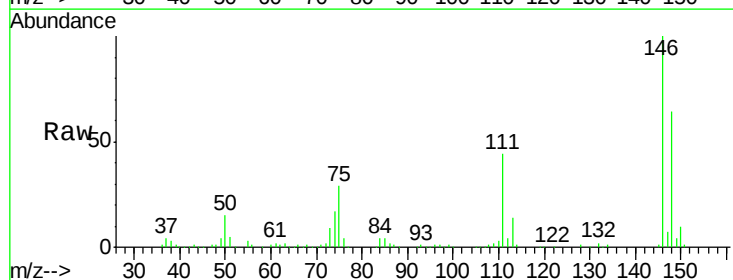
Instrument :
BNA_F
ClientSampled :

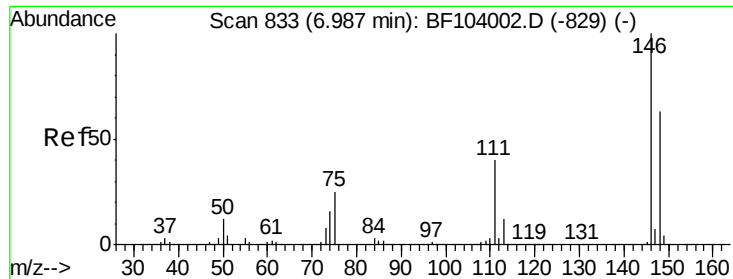
Tot Ion	93	Resp	262901
Ion Ratio	Lower	Upper	
93	100		
63	70.9	58.6	98.6
95	31.3	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 30.827 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF104045.D
Acq: 29 Mar 2018 12:44

Tgt Ion	146	Resp	264203
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.8	77.8
75	29.1	24.2	36.4

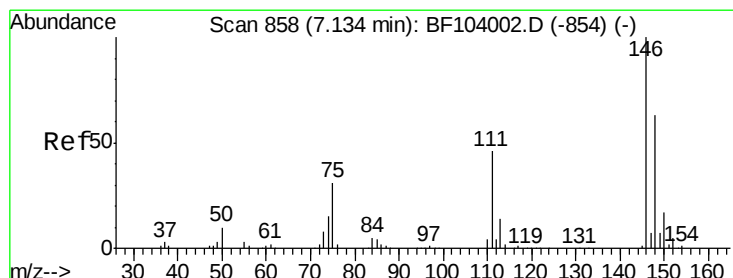
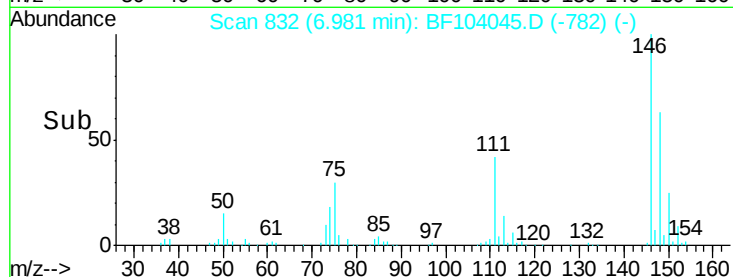
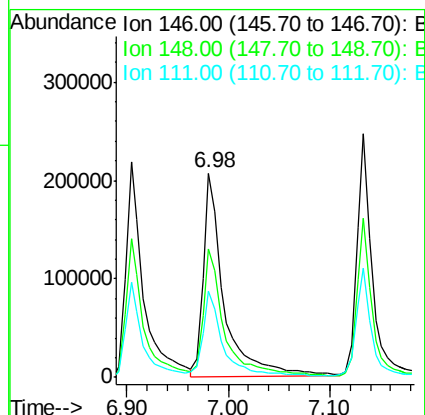
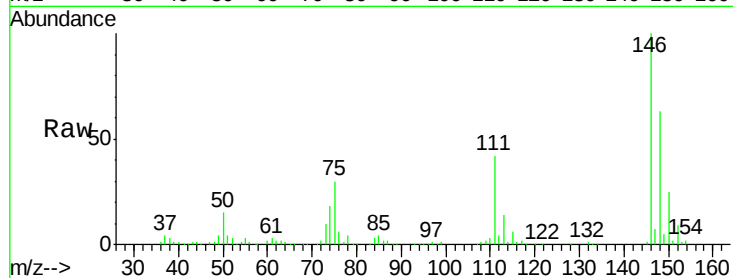




#13
 1,4-Dichlorobenzene
 Concen: 32.392 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF104045.D
 Acq: 29 Mar 2018 12:44

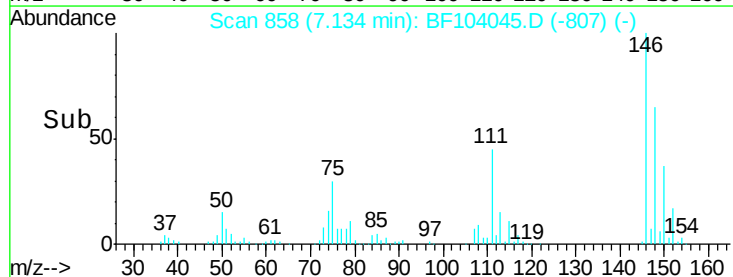
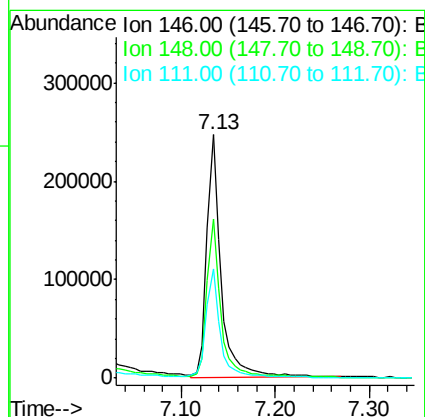
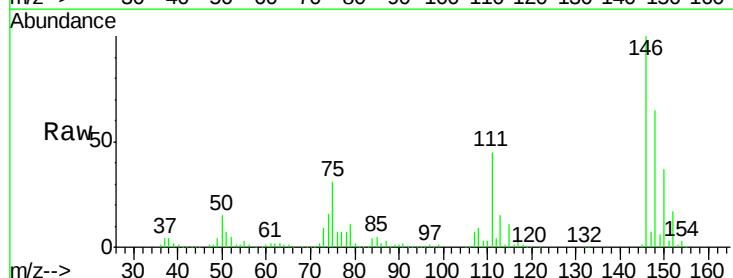
Instrument :
 BNA_F
 ClientSampleId :

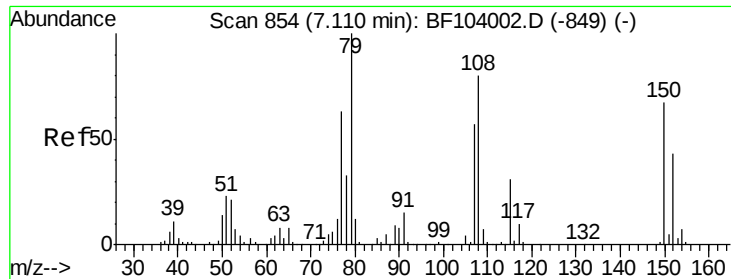
Tot Ion:146 Resp: 297463
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.8 76.2
 111 42.3 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 31.661 ng
 RT: 7.13 min Scan# 858
 Delta R.T. -0.00 min
 Lab File: BF104045.D
 Acq: 29 Mar 2018 12:44

Tgt Ion:146 Resp: 261330
 Ion Ratio Lower Upper
 146 100
 148 65.1 50.6 75.8
 111 44.8 36.0 54.0





#15

Benzyl Alcohol

Concen: 33.801 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF104045.D

Acq: 29 Mar 2018 12:44

Instrument :
BNA_F
ClientSampled :

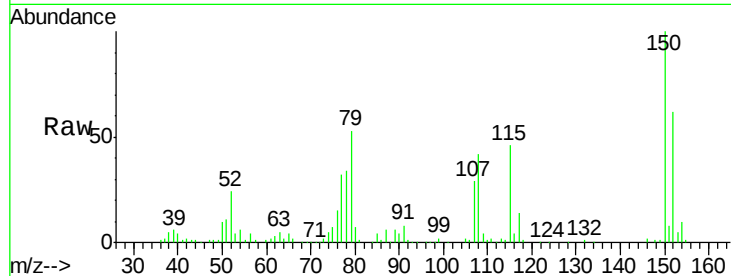
Tot Ion: 79 Resp: 187926

Ion Ratio Lower Upper

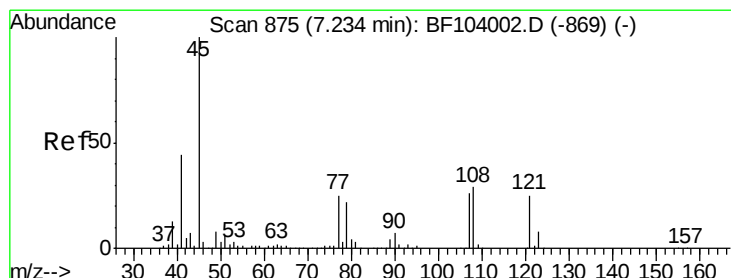
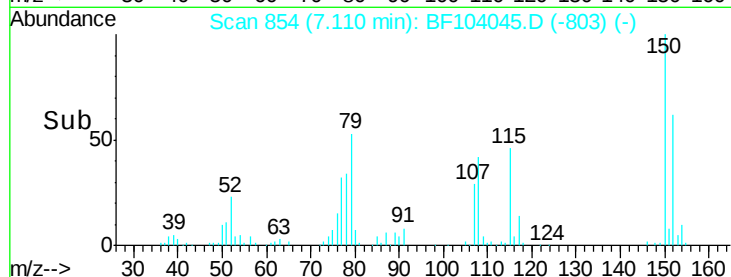
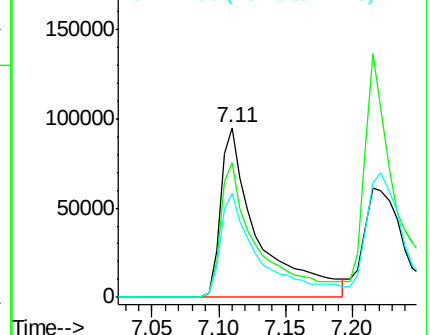
79 100

108 79.6 65.1 97.7

77 61.4 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: 32.080 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF104045.D

Acq: 29 Mar 2018 12:44

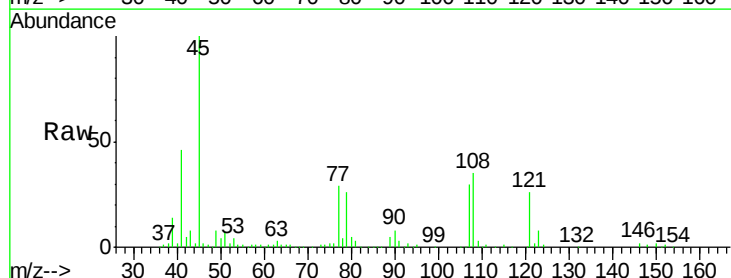
Tgt Ion: 45 Resp: 285347

Ion Ratio Lower Upper

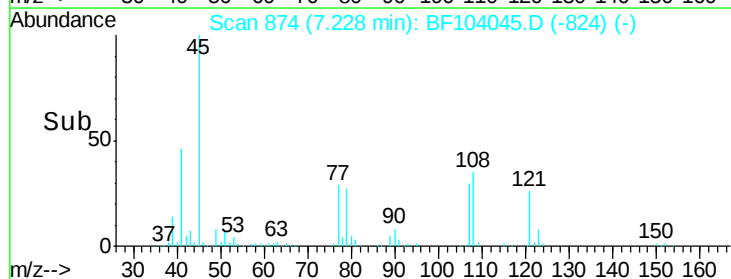
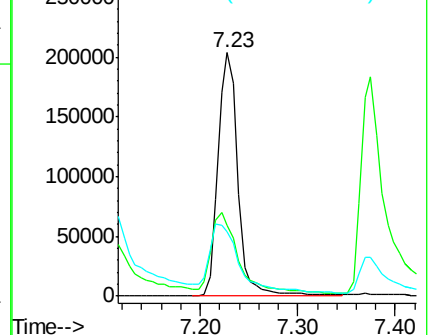
45 100

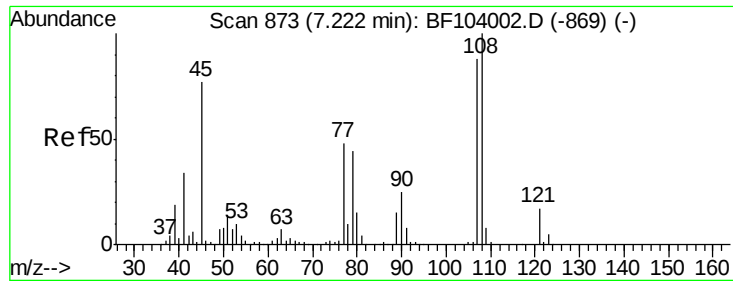
77 28.9 0.0 32.9

79 26.4 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

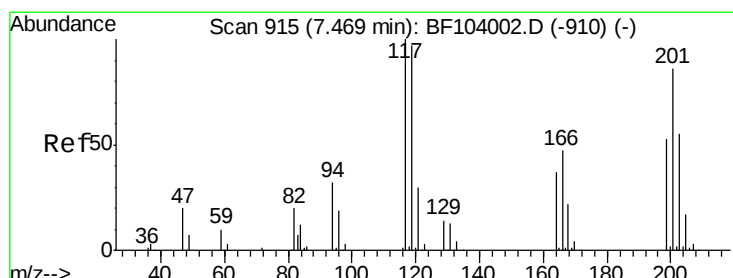
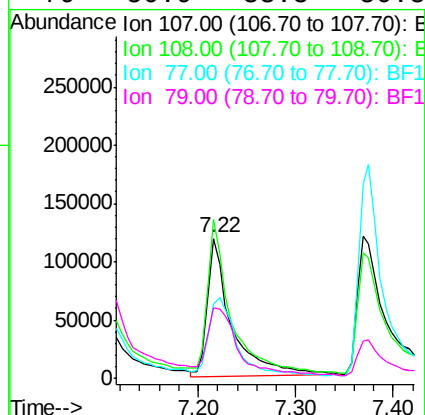
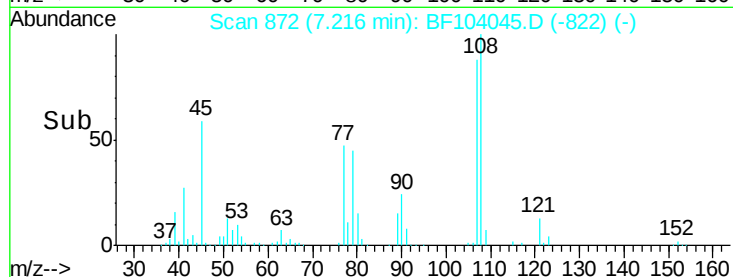
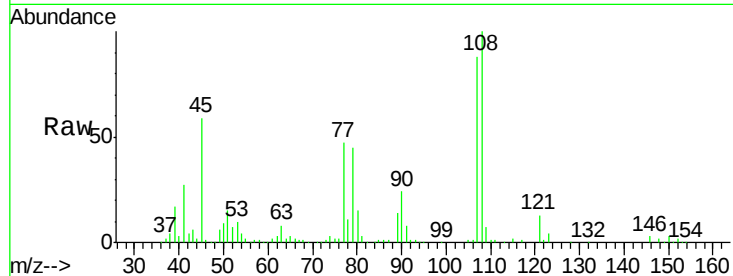




#17
2-Methylphenol
Concen: 32.831 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF104045.D
Acq: 29 Mar 2018 12:44

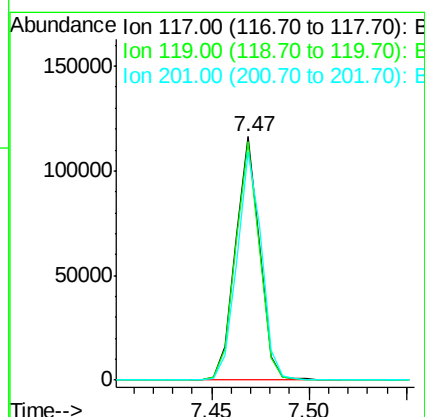
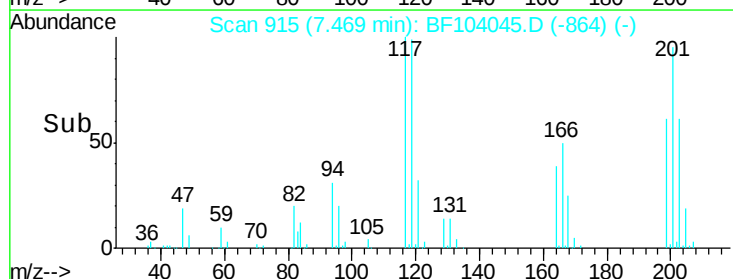
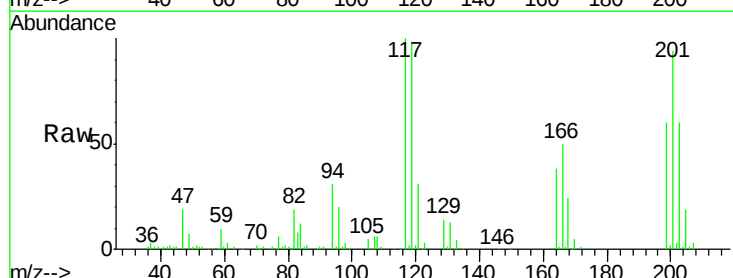
Instrument :
BNA_F
ClientSampleId :

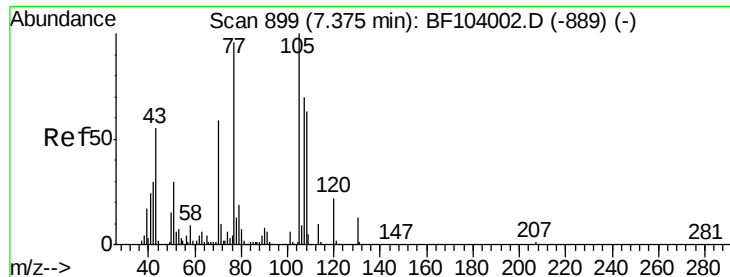
Tot Ion:107 Resp: 203733
Ion Ratio Lower Upper
107 100
108 113.9 91.7 137.5
77 53.6 33.8 50.8#
79 50.9 33.8 50.8#



#18
Hexachloroethane
Concen: 32.297 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF104045.D
Acq: 29 Mar 2018 12:44

Tgt Ion:117 Resp: 99304
Ion Ratio Lower Upper
117 100
119 98.0 75.8 113.8
201 93.9 75.7 113.5

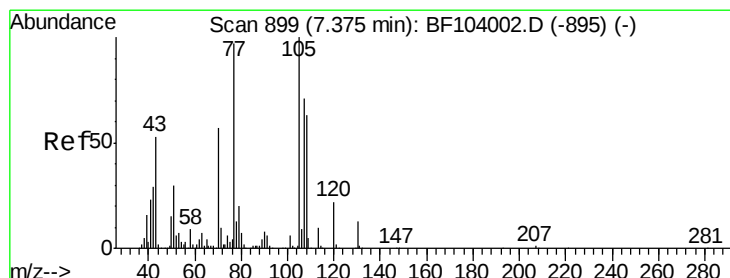
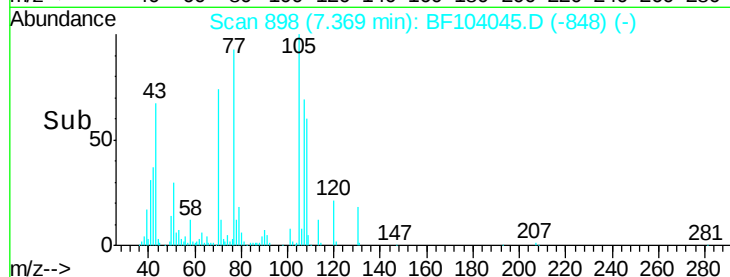
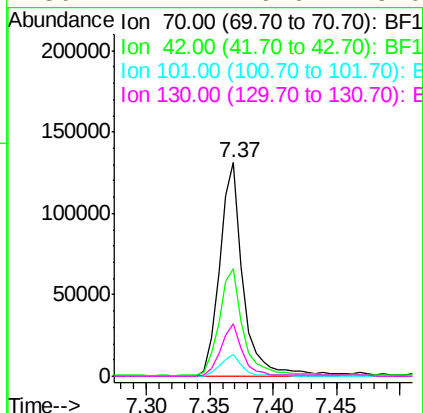
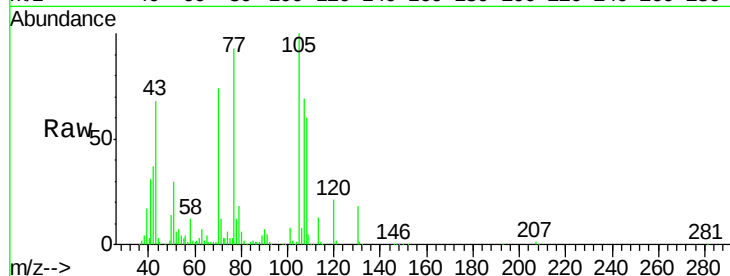




#19
n-Nitroso-di-n-propylamine
Concen: 33.492 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104045.D
Acq: 29 Mar 2018 12:44

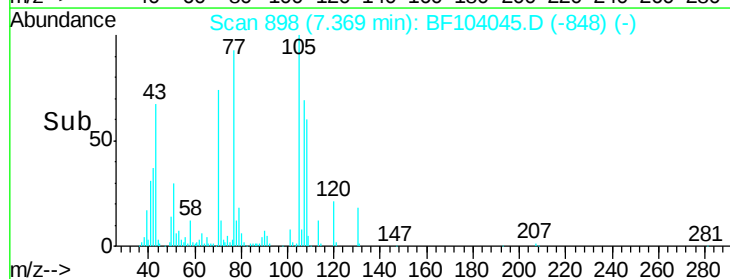
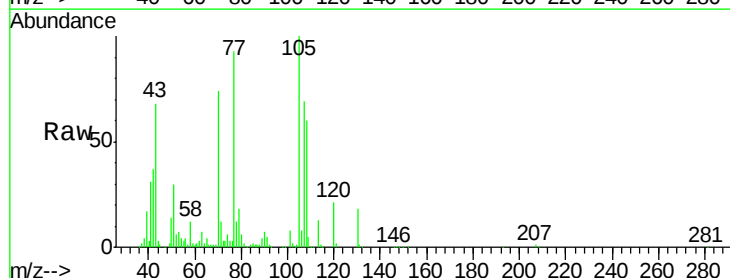
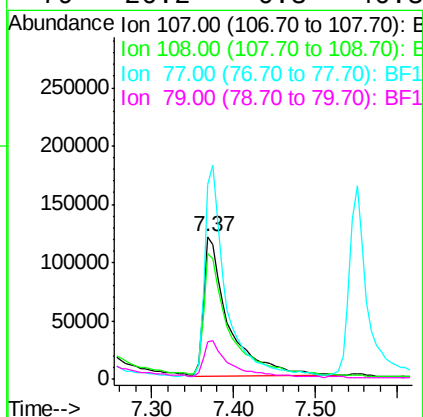
Instrument :
BNA_F
ClientSampleId :

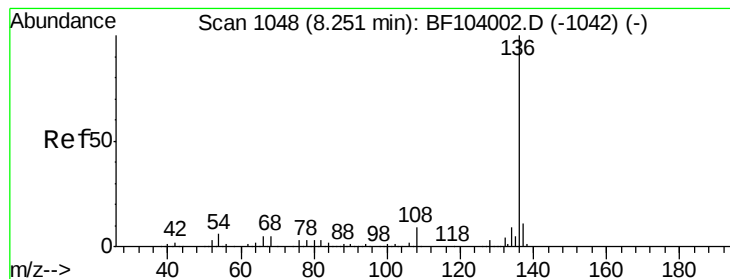
Tot Ion: 70 Resp: 169964
Ion Ratio Lower Upper
70 100
42 50.3 47.5 71.3
101 10.2 7.4 11.2
130 24.4 16.6 25.0



#20
3+4-Methylphenols
Concen: 32.420 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104045.D
Acq: 29 Mar 2018 12:44

Tgt Ion: 107 Resp: 256753
Ion Ratio Lower Upper
107 100
108 87.5 68.2 108.2
77 136.2 26.7 66.7#
79 26.2 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF104045.D

Acq: 29 Mar 2018 12:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 470722

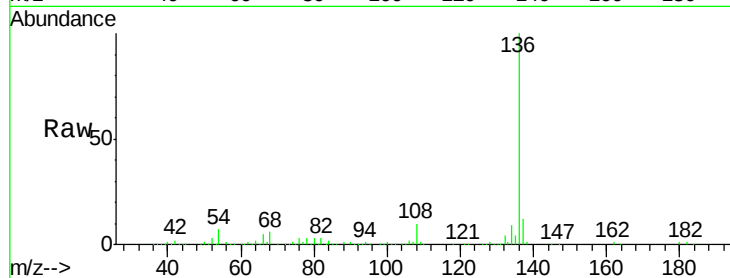
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 6.9 6.6 9.8

68 5.9 5.0 7.4

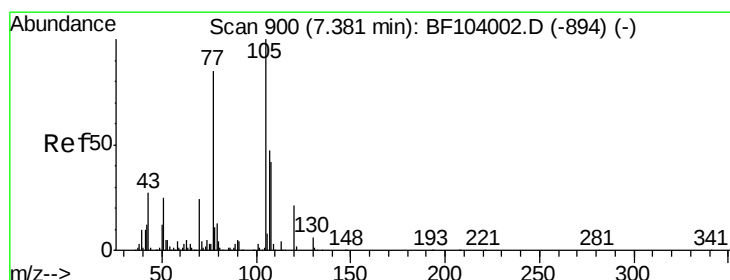
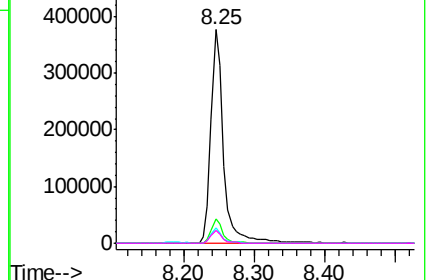
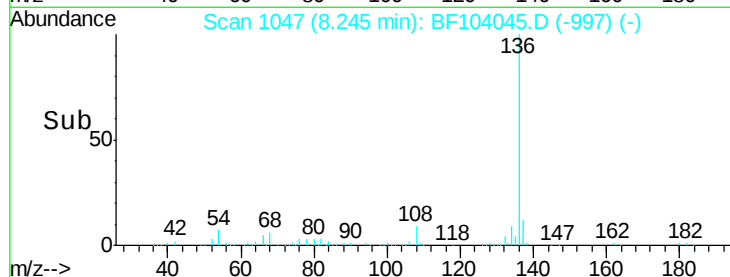


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 32.144 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF104045.D

Acq: 29 Mar 2018 12:44

Tgt Ion:105 Resp: 366095

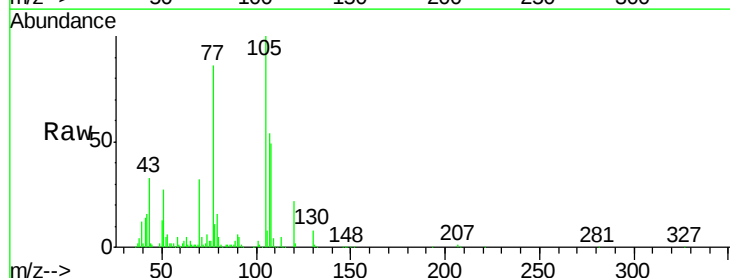
Ion Ratio Lower Upper

105 100

71 5.4 4.4 6.6

51 26.7 22.3 33.5

120 21.8 16.9 25.3

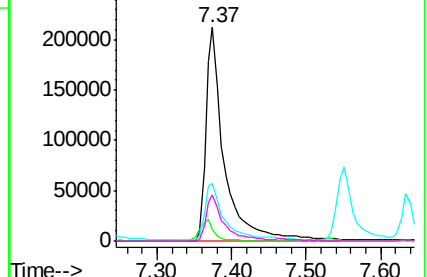
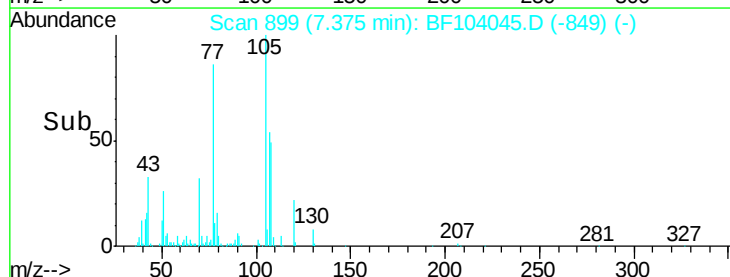


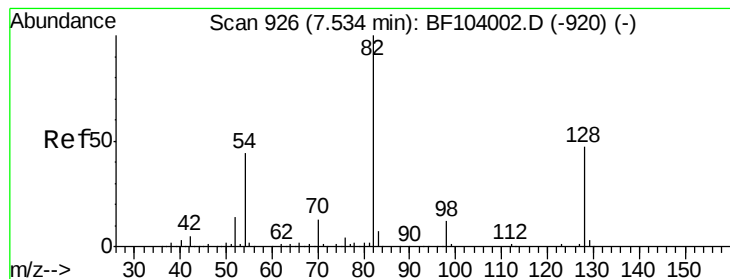
Abundance Ion 105.00 (104.70 to 105.70): E

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: 70.057 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF104045.D

Acq: 29 Mar 2018 12:44

Instrument :

BNA_F

ClientSampleId :

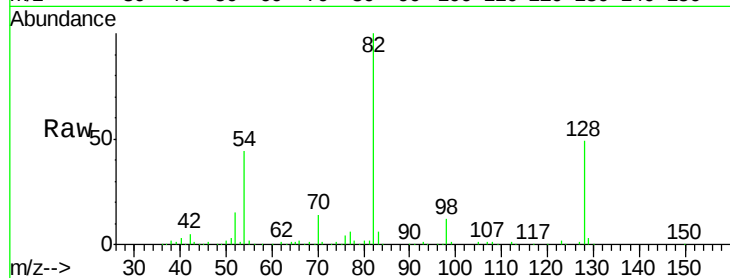
Tot Ion: 82 Resp: 539236

Ion Ratio Lower Upper

82 100

128 49.3 36.1 54.1

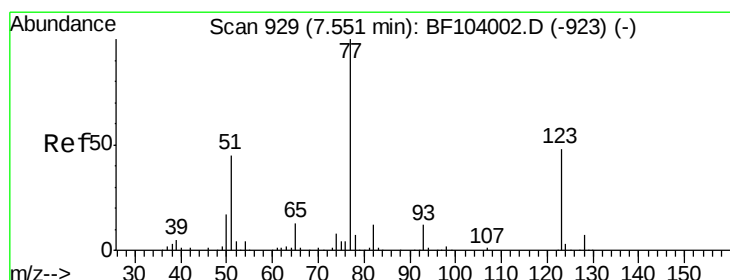
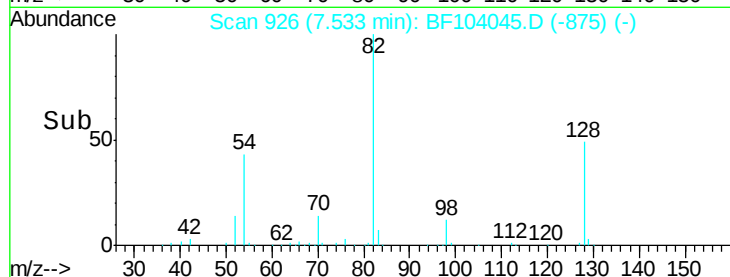
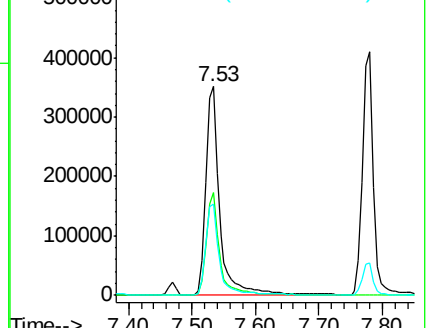
54 43.6 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 29.904 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF104045.D

Acq: 29 Mar 2018 12:44

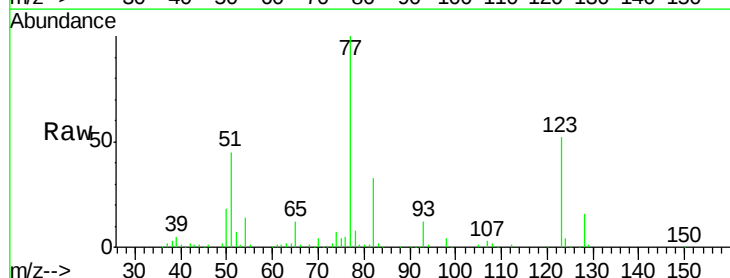
Tgt Ion: 77 Resp: 242185

Ion Ratio Lower Upper

77 100

123 52.4 37.9 56.9

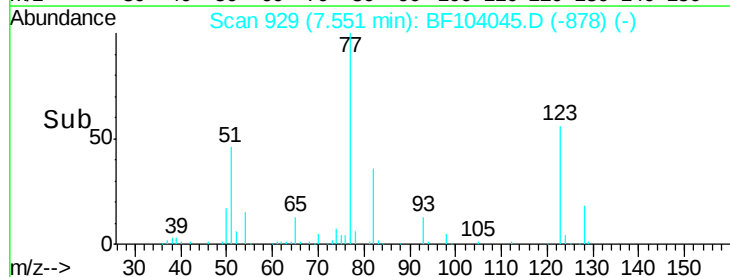
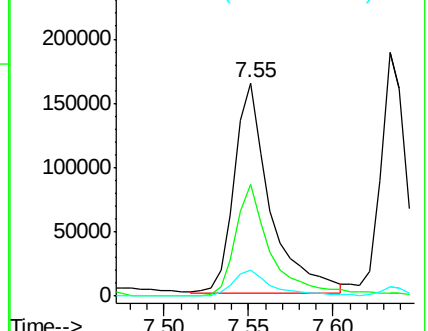
65 12.5 11.0 16.4

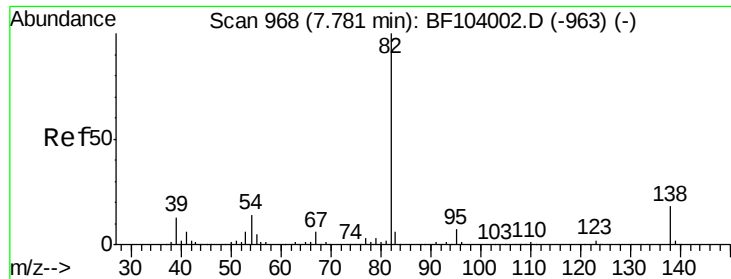


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 33.321 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF104045.D

Acq: 29 Mar 2018 12:44

Instrument :

BNA_F

ClientSampleId :

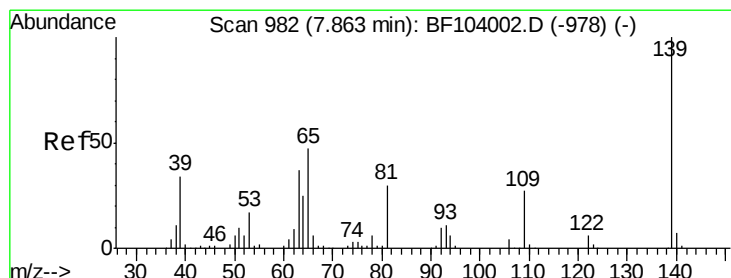
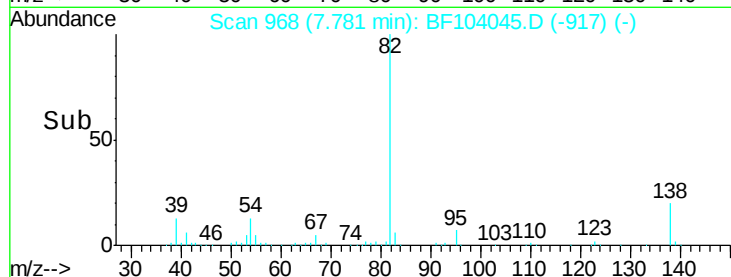
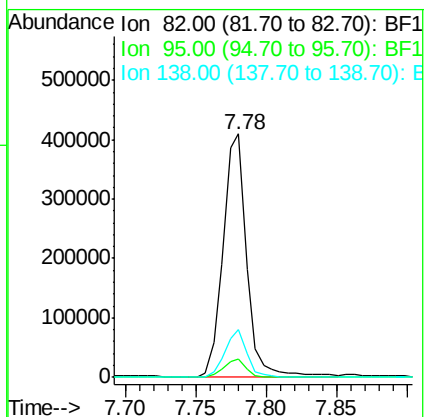
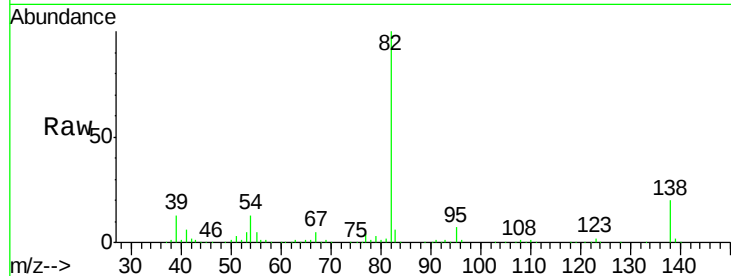
Tot Ion: 82 Resp: 472664

Ion Ratio Lower Upper

82 100

95 7.4 5.2 7.8

138 19.6 14.9 22.3



#26

2-Nitrophenol

Concen: 34.156 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.00 min

Lab File: BF104045.D

Acq: 29 Mar 2018 12:44

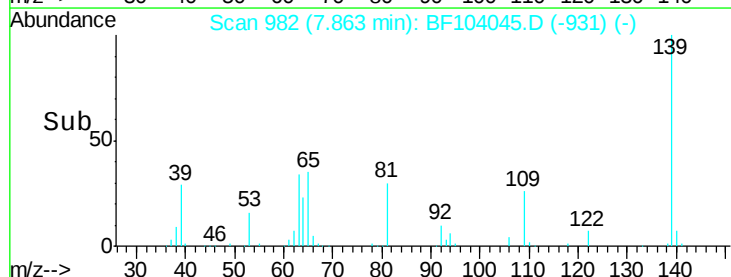
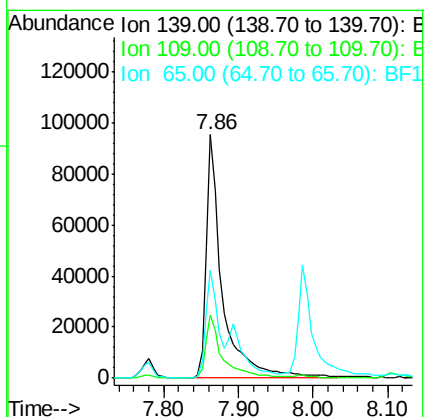
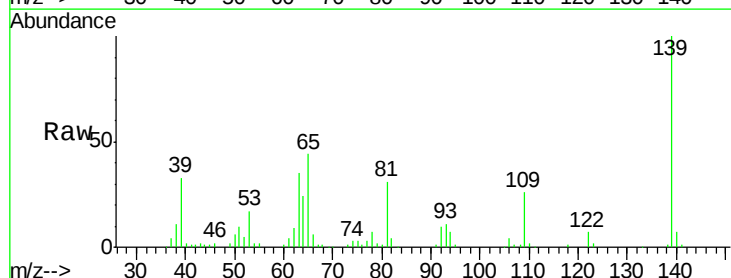
Tgt Ion: 139 Resp: 144394

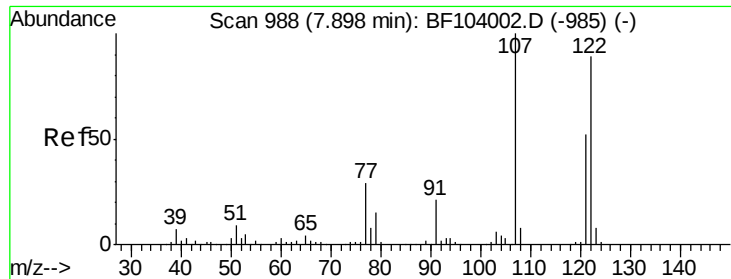
Ion Ratio Lower Upper

139 100

109 25.9 22.7 34.1

65 44.2 40.5 60.7

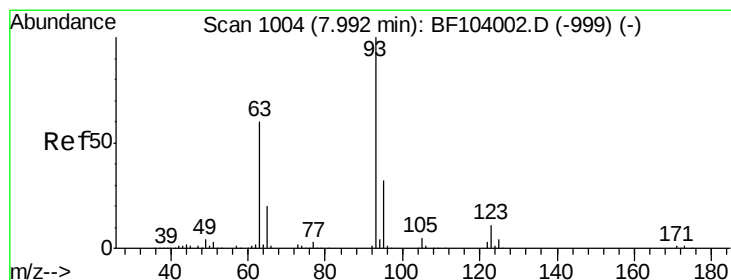
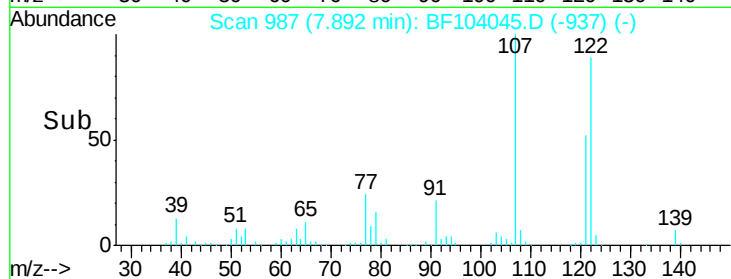
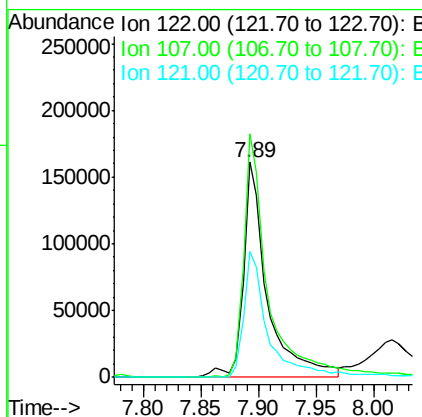
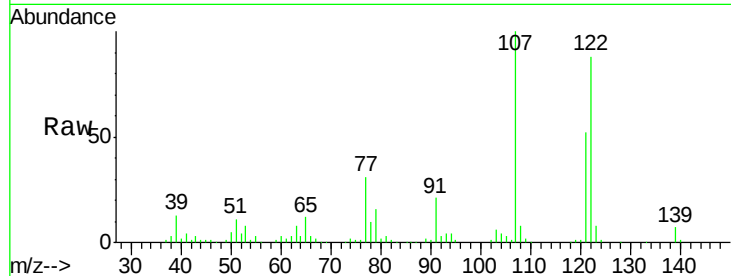




#27
2,4-Dimethylphenol
Concen: 38.228 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF104045.D
Acq: 29 Mar 2018 12:44

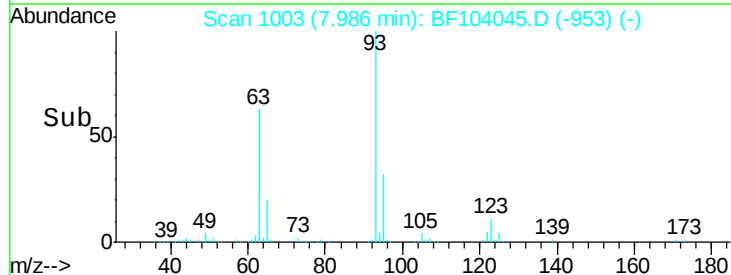
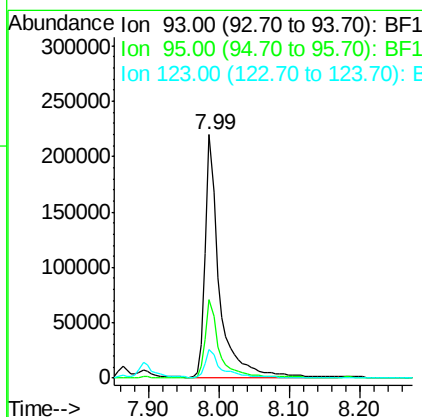
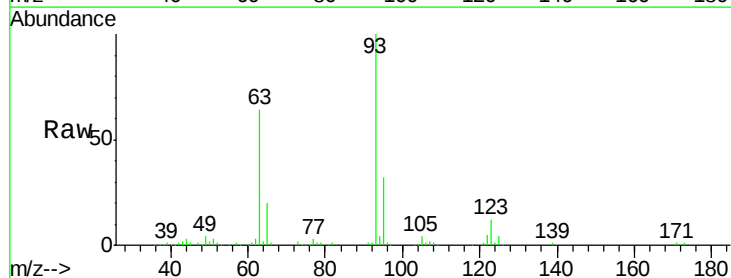
Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 233070
Ion Ratio Lower Upper
122 100
107 113.3 91.2 136.8
121 58.6 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 34.296 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF104045.D
Acq: 29 Mar 2018 12:44

Tgt Ion: 93 Resp: 304905
Ion Ratio Lower Upper
93 100
95 32.3 26.3 39.5
123 11.6 9.8 14.6

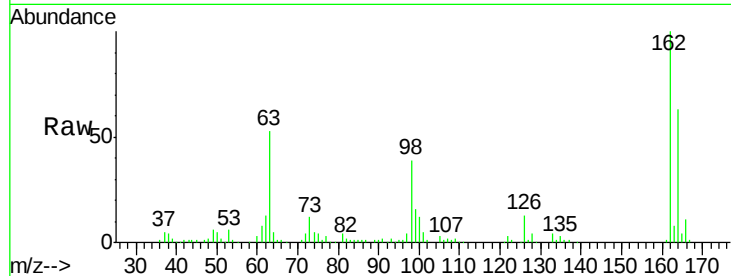




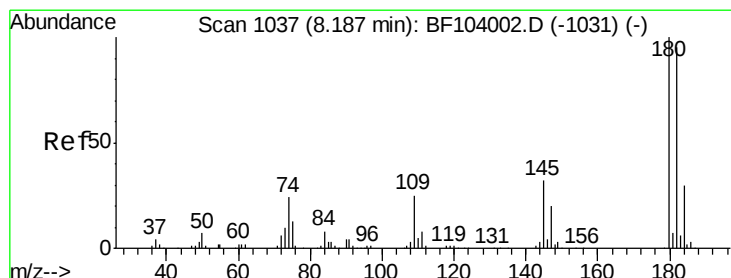
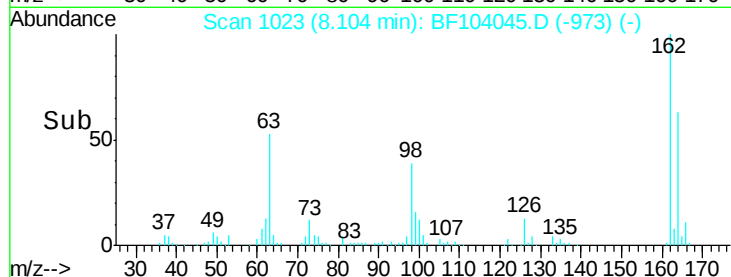
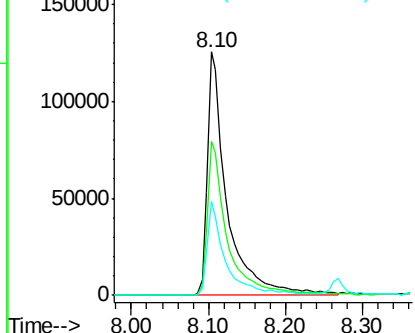
#29
 2,4-Dichlorophenol
 Concen: 34.573 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF104045.D
 Acq: 29 Mar 2018 12:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 220163
 Ion Ratio Lower Upper
 162 100
 164 63.4 42.7 82.7
 98 38.5 18.1 58.1

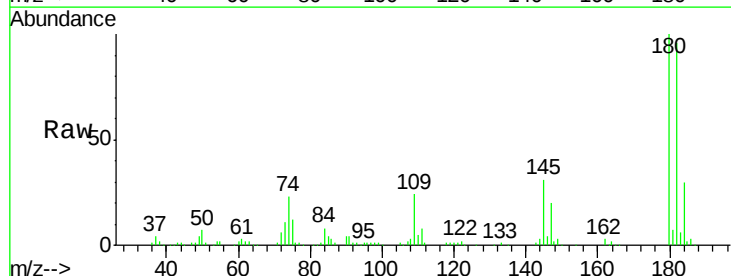


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

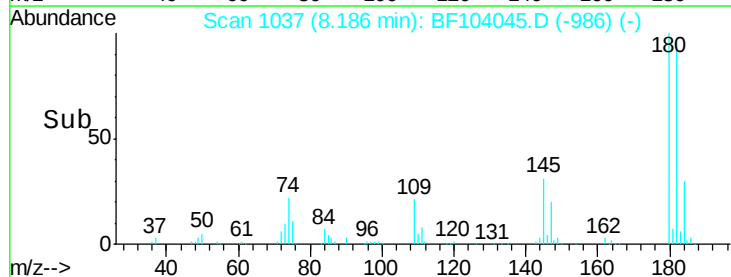
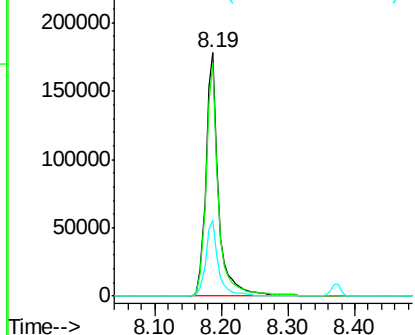


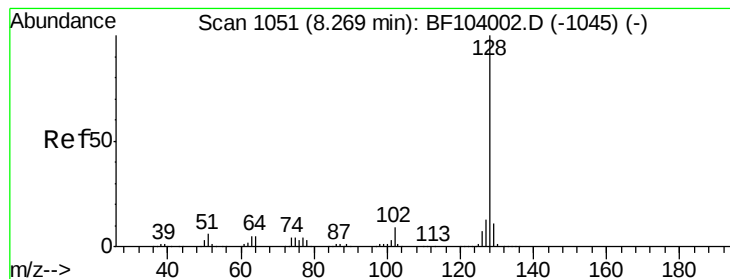
#30
 1,2,4-Trichlorobenzene
 Concen: 32.395 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF104045.D
 Acq: 29 Mar 2018 12:44

Tgt Ion:180 Resp: 234066
 Ion Ratio Lower Upper
 180 100
 182 95.7 76.8 115.2
 145 31.0 26.5 39.7



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





#31

Naphthalene

Concen: 34.436 ng

RT: 8.27 min Scan# 1051

Delta R.T. -0.00 min

Lab File: BF104045.D

Acq: 29 Mar 2018 12:44

Instrument :

BNA_F

ClientSampleId :

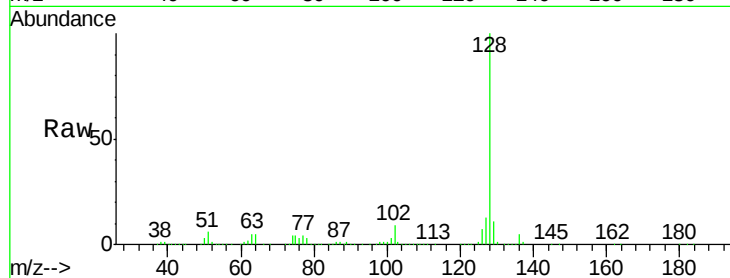
Tot Ion:128 Resp: 791903

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

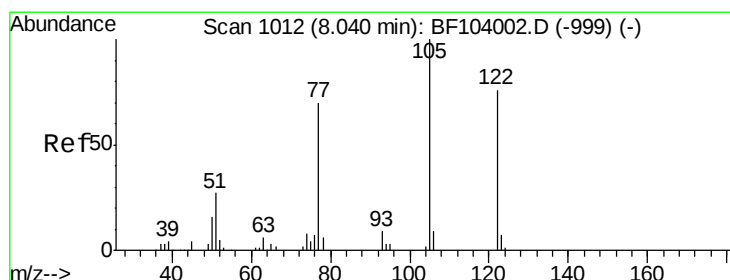
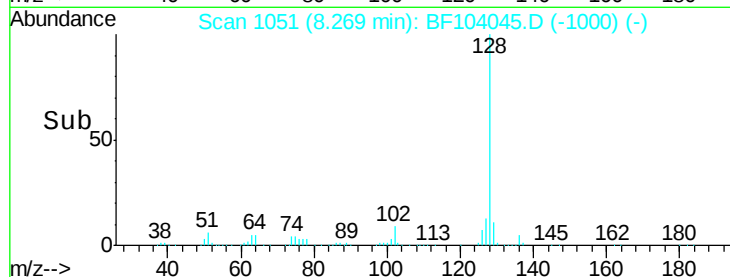
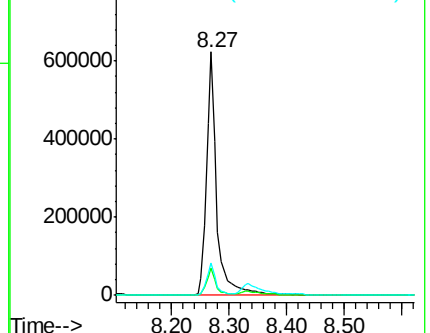
127 13.1 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 20.200 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BF104045.D

Acq: 29 Mar 2018 12:44

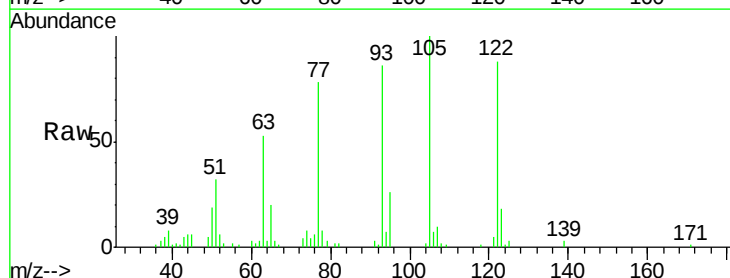
Tgt Ion:122 Resp: 90218

Ion Ratio Lower Upper

122 100

105 113.2 101.1 141.1

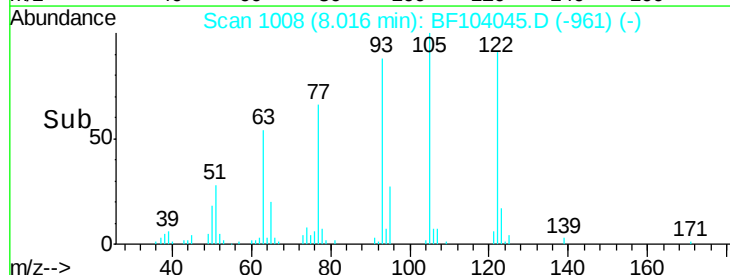
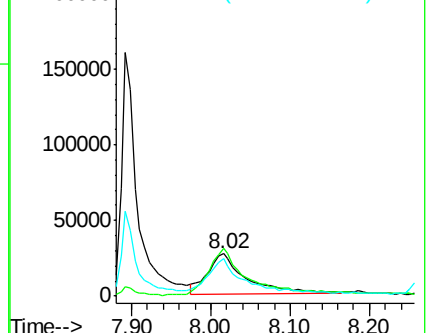
77 87.9 70.7 110.7

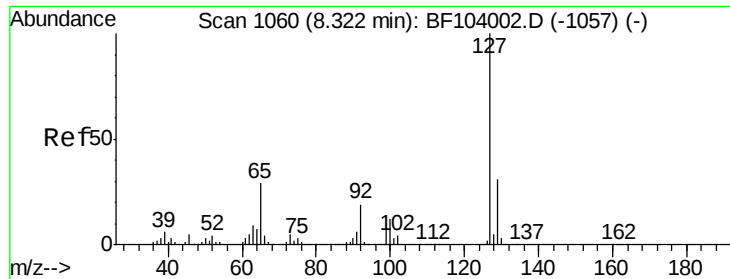


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

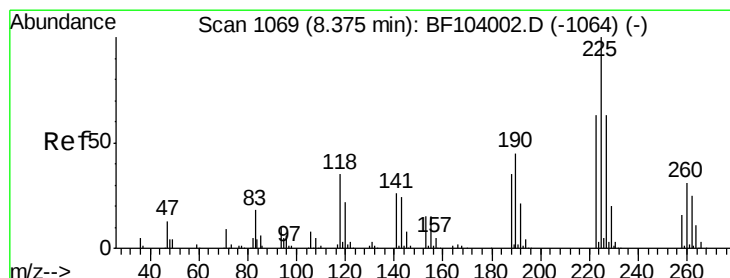
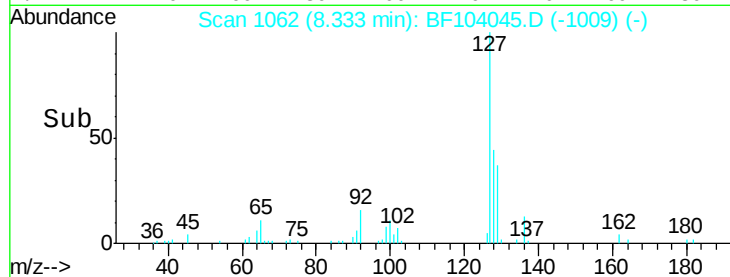
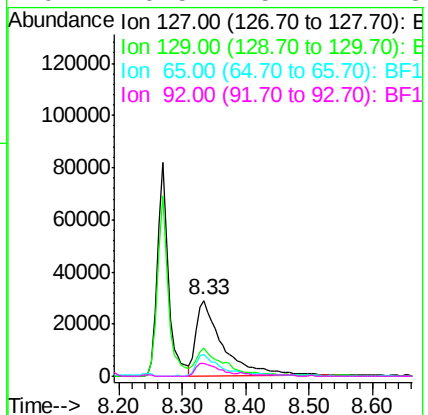
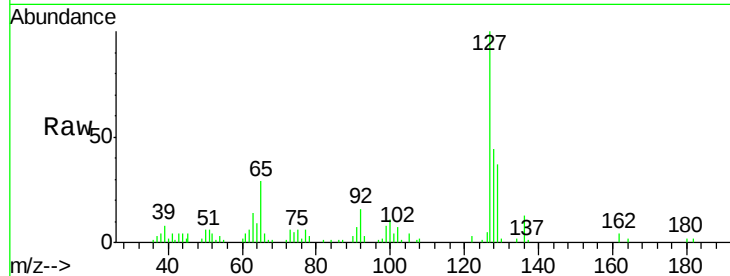




#33
4-Chloroaniline
Concen: 8.565 ng
RT: 8.33 min Scan# 1062
Delta R.T. 0.01 min
Lab File: BF104045.D
Acq: 29 Mar 2018 12:44

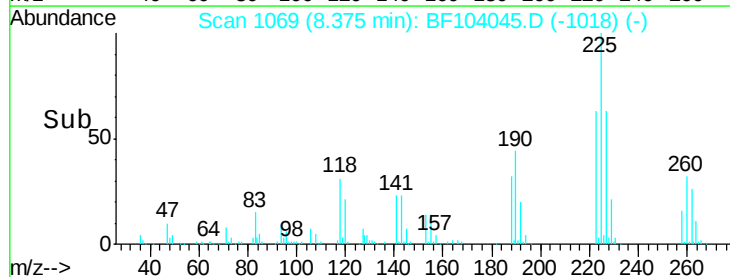
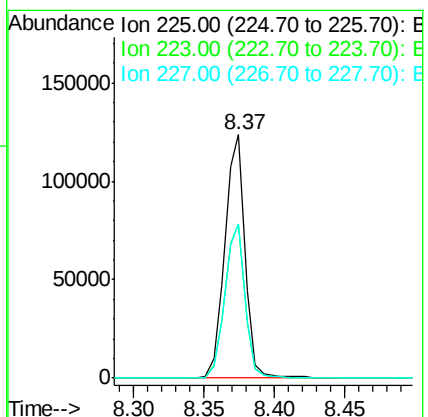
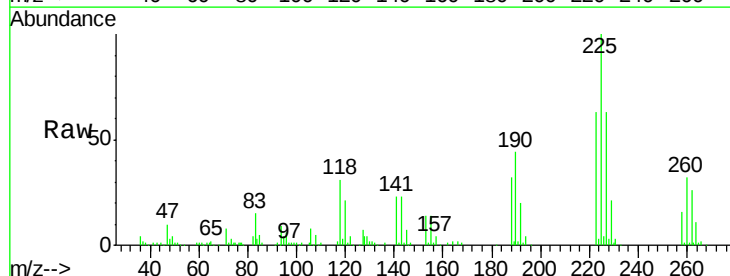
Instrument :
BNA_F
ClientSampleId :

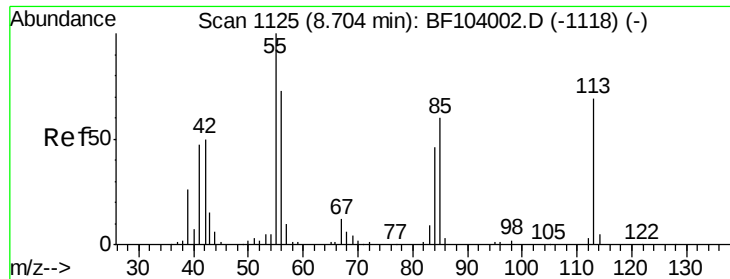
Tot Ion:	127	Resp:	83039
Ion	Ratio	Lower	Upper
127	100		
129	37.5	25.9	38.9
65	29.1	25.0	37.4
92	16.5	15.2	22.8



#34
Hexachlorobutadiene
Concen: 31.152 ng
RT: 8.37 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BF104045.D
Acq: 29 Mar 2018 12:44

Tgt Ion:	225	Resp:	122485
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	76.0
227	63.3	51.9	77.9





#35

Caprolactam

Concen: 32.177 ng

RT: 8.69 min Scan# 1122

Delta R.T. -0.02 min

Lab File: BF104045.D

Acq: 29 Mar 2018 12:44

Instrument :

BNA_F

ClientSampled :

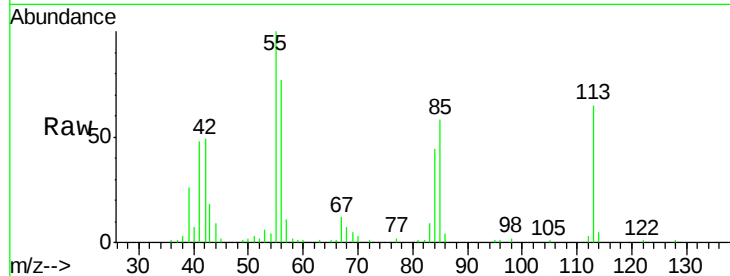
Tot Ion:113 Resp: 64973

Ion Ratio Lower Upper

113 100

55 154.5 163.3 203.3#

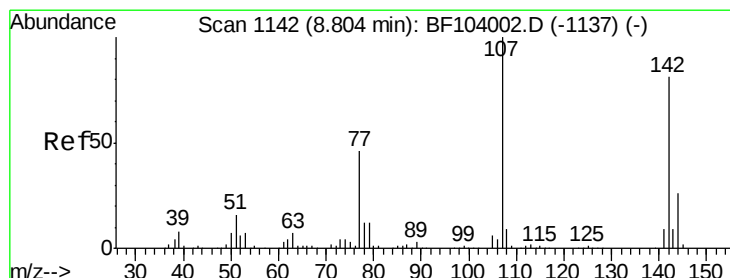
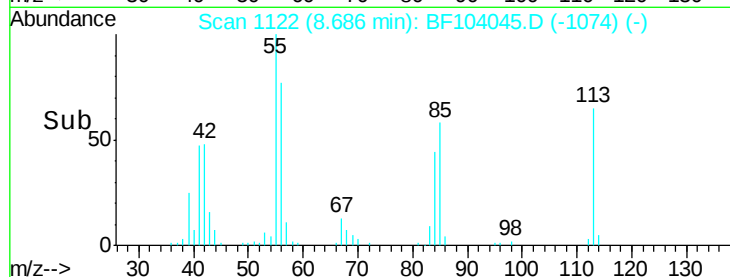
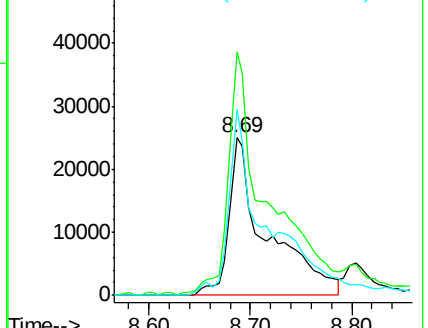
56 118.4 115.7 155.7



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: 35.380 ng

RT: 8.80 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF104045.D

Acq: 29 Mar 2018 12:44

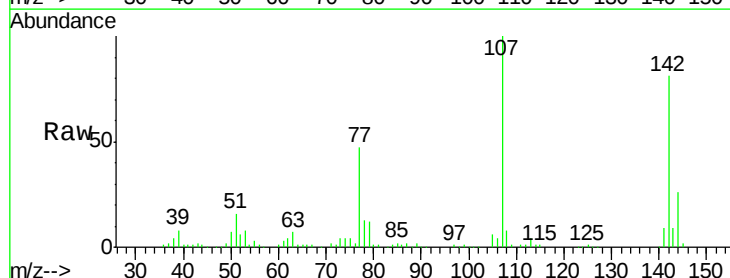
Tgt Ion:107 Resp: 238308

Ion Ratio Lower Upper

107 100

144 25.9 20.5 30.7

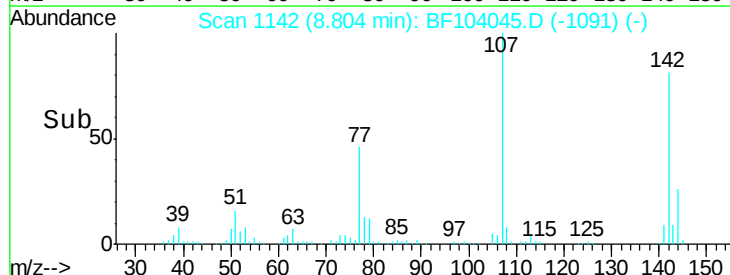
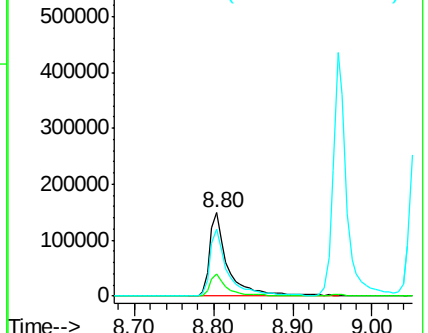
142 81.1 62.0 93.0

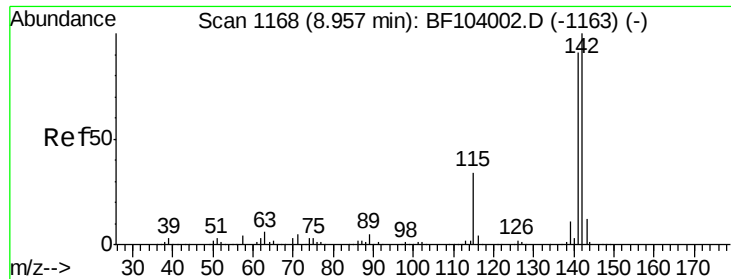


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

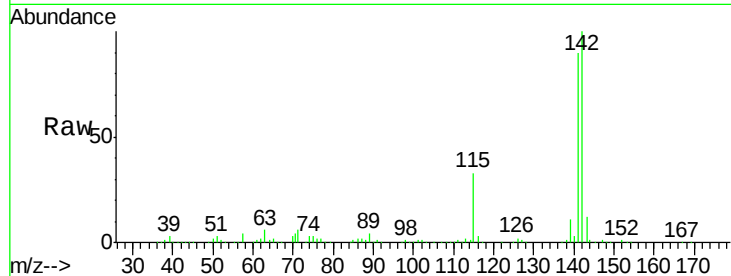




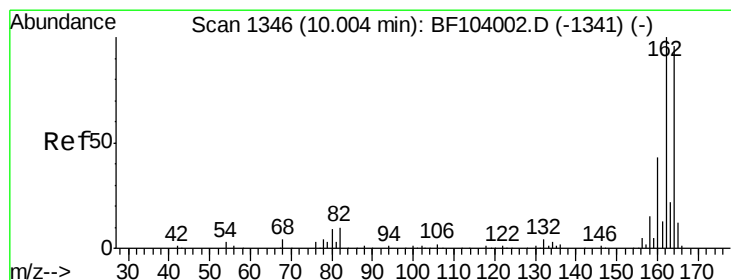
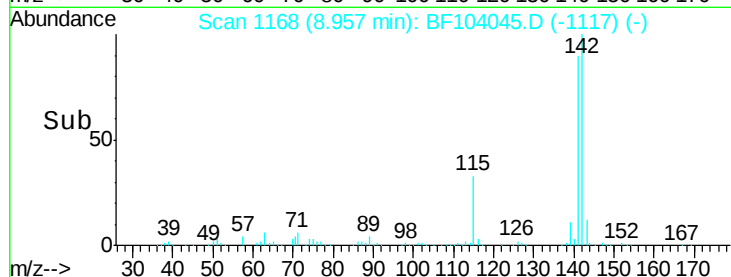
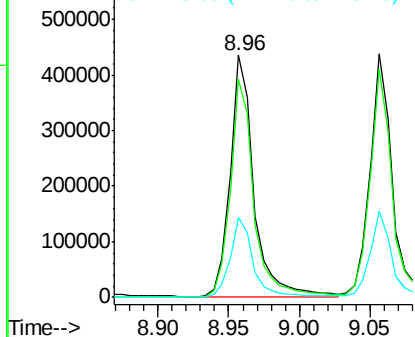
#37
2-Methylnaphthalene
Concen: 33.766 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF104045.D
Acq: 29 Mar 2018 12:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 511480
Ion Ratio Lower Upper
142 100
141 90.2 70.8 106.2
115 33.2 26.1 39.1

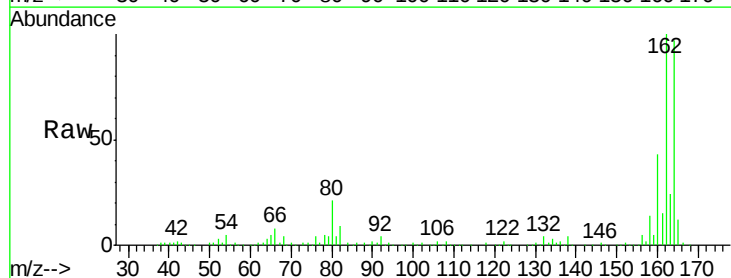


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

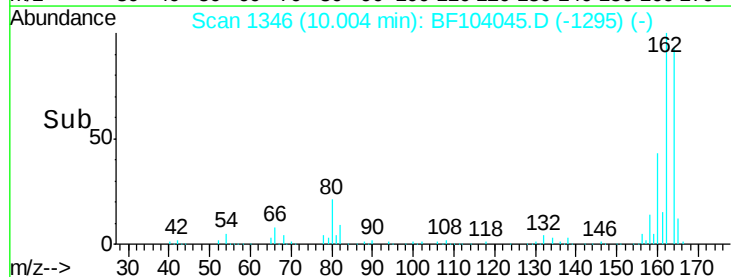
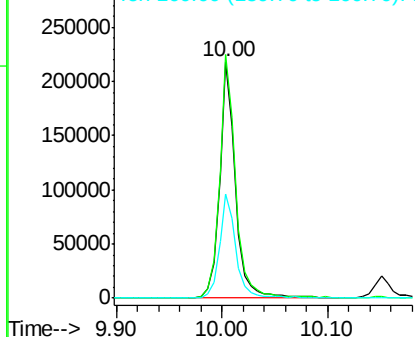


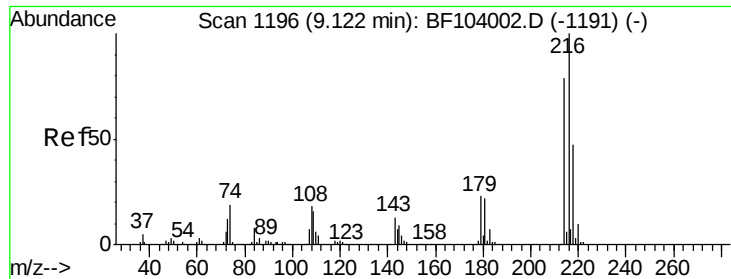
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF104045.D
Acq: 29 Mar 2018 12:44

Tgt Ion:164 Resp: 230216
Ion Ratio Lower Upper
164 100
162 103.0 86.1 129.1
160 44.0 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

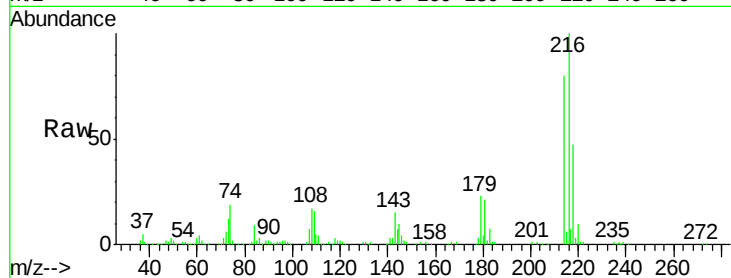




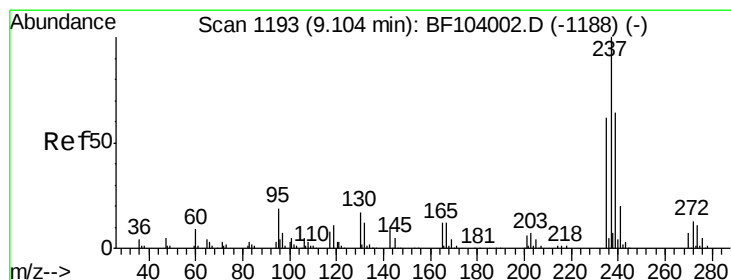
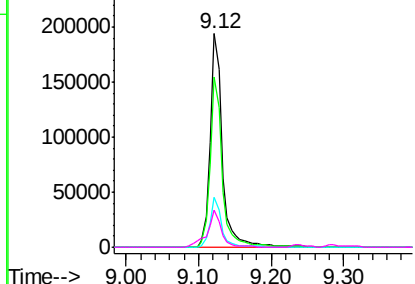
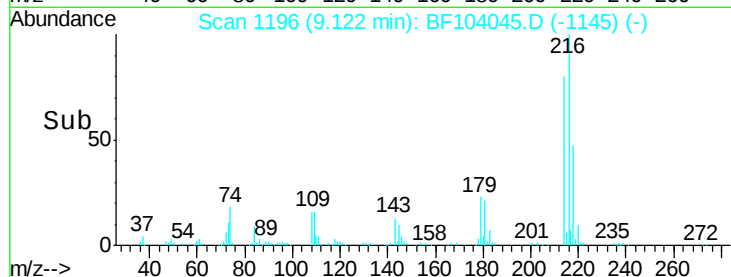
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.294 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF104045.D
 Acq: 29 Mar 2018 12:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	227981
Ion Ratio	Lower	Upper
216	100	
214	78.7	63.0 94.4
179	21.9	18.1 27.1
108	19.5	17.2 25.8

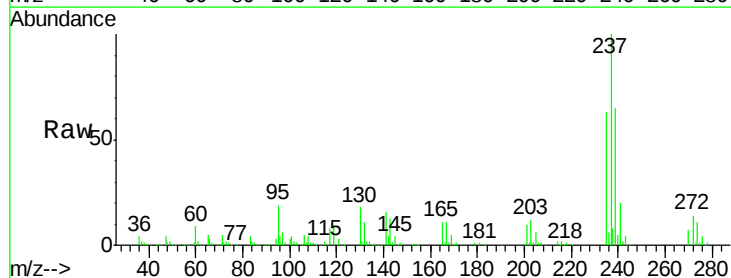


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

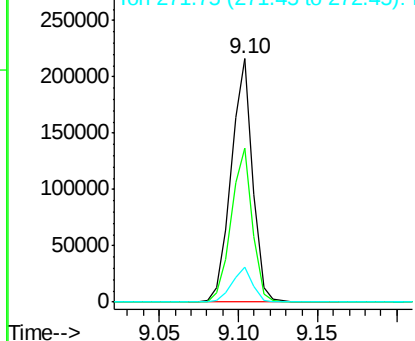
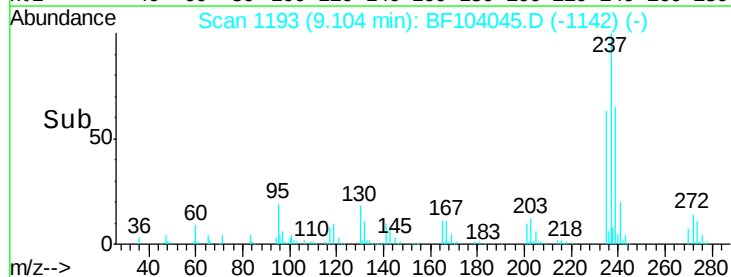


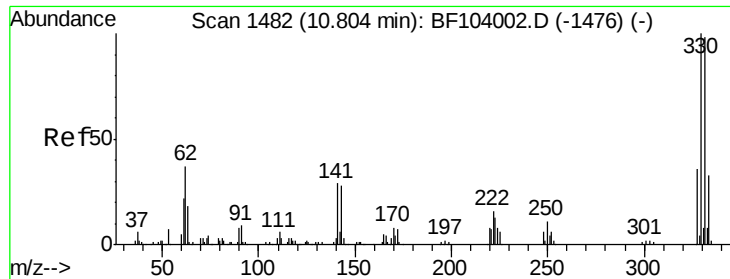
#40
 Hexachlorocyclopentadiene
 Concen: 62.203 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BF104045.D
 Acq: 29 Mar 2018 12:44

Tgt Ion:237	Resp:	202430
Ion Ratio	Lower	Upper
237	100	
235	63.3	44.8 84.8
272	14.3	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

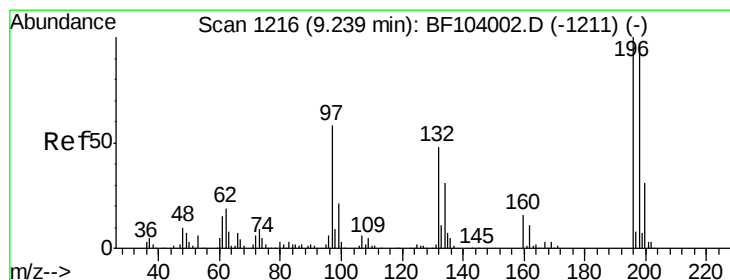
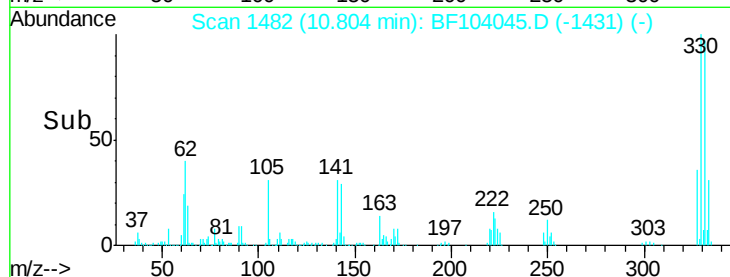
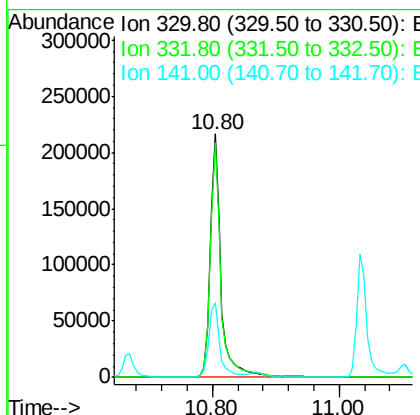
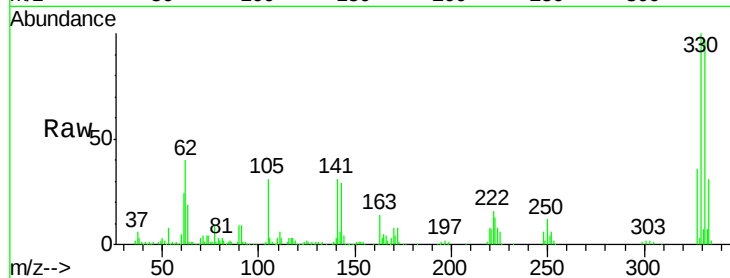




#41
 2,4,6-Tribromophenol
 Concen: 102.189 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: BF104045.D
 Acq: 29 Mar 2018 12:44

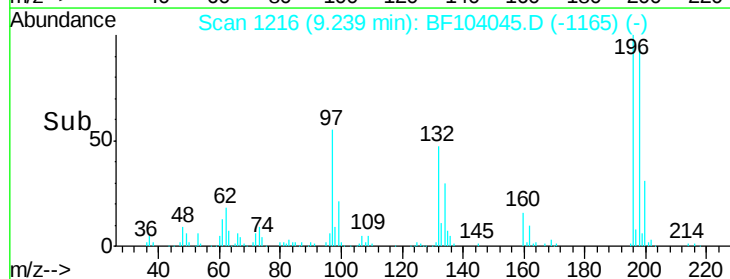
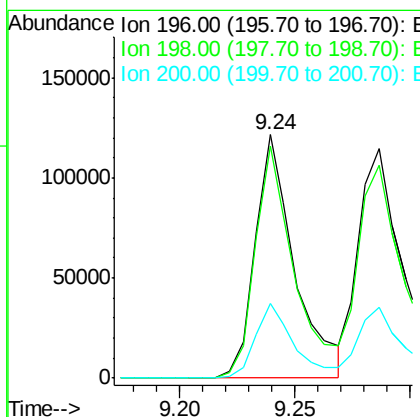
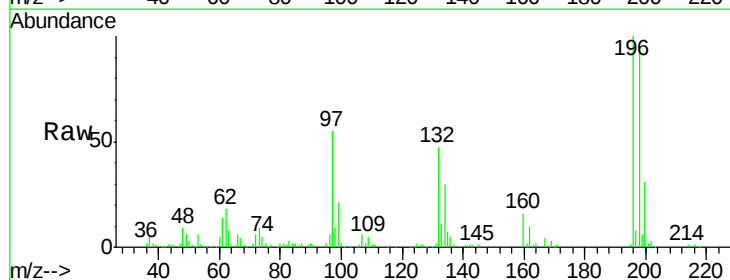
Instrument :
 BNA_F
 ClientSampled :

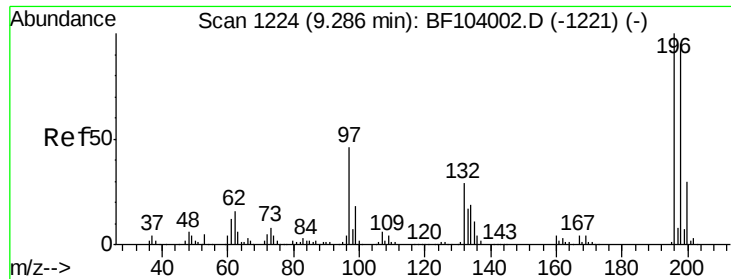
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	30.7	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 32.420 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF104045.D
 Acq: 29 Mar 2018 12:44

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	75.7	113.5
200	30.6	24.5	36.7

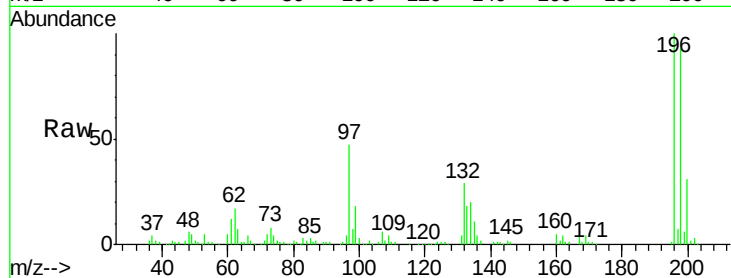




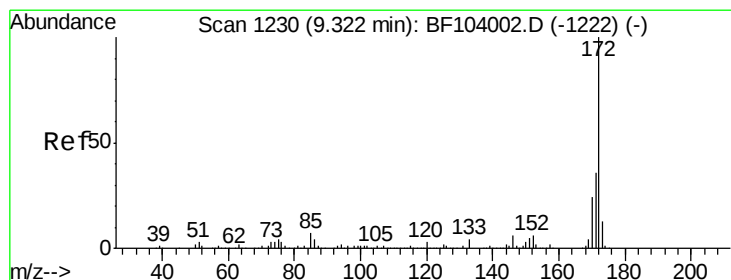
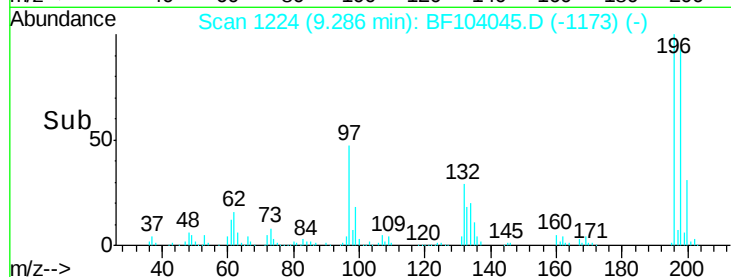
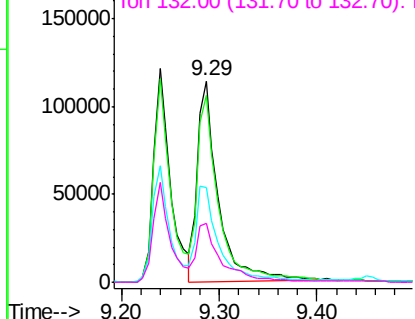
#43
 2,4,5-Trichlorophenol
 Concen: 31.719 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF104045.D
 Acq: 29 Mar 2018 12:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.8	74.6	112.0
97	46.7	42.9	64.3
132	28.9	26.3	39.5

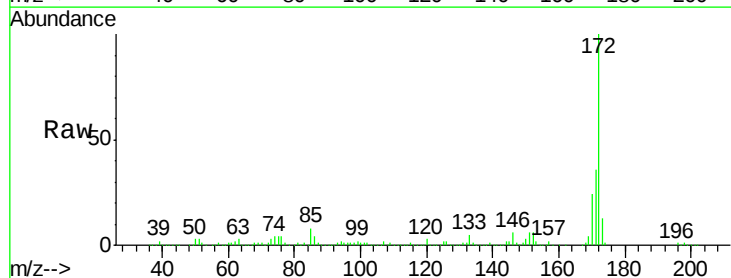


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

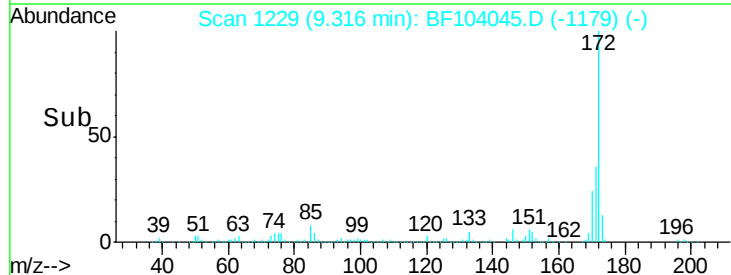
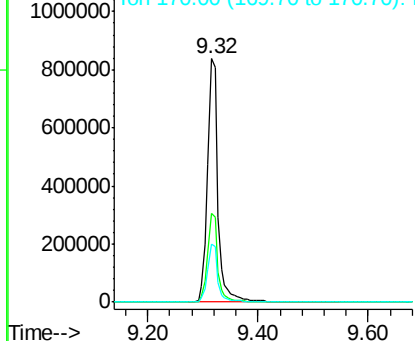


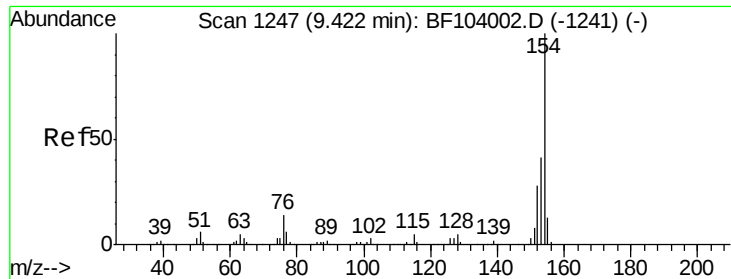
#44
 2-Fluorobiphenyl
 Concen: 73.974 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF104045.D
 Acq: 29 Mar 2018 12:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.8	19.6	29.4



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

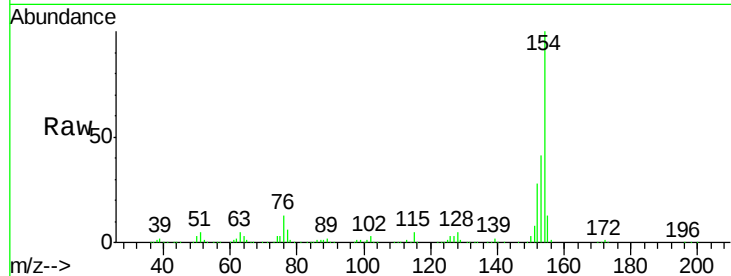




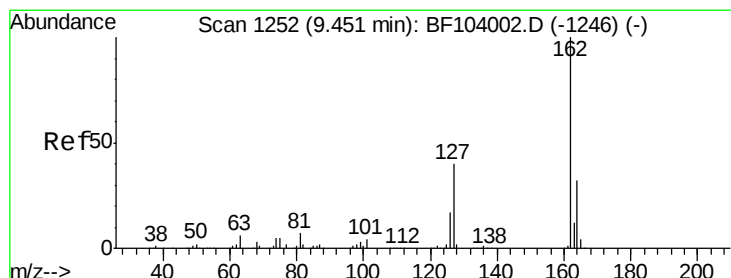
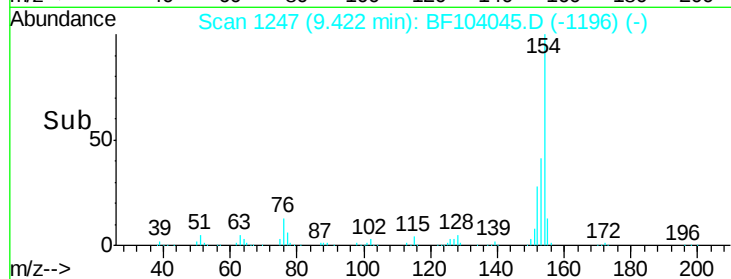
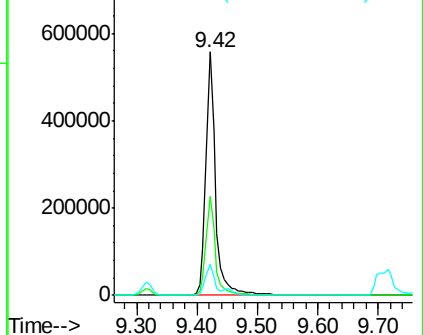
#45
 1,1'-Biphenyl
 Concen: 31.827 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.00 min
 Lab File: BF104045.D
 Acq: 29 Mar 2018 12:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 628874
 Ion Ratio Lower Upper
 154 100
 153 40.8 21.3 61.3
 76 13.0 0.0 34.0

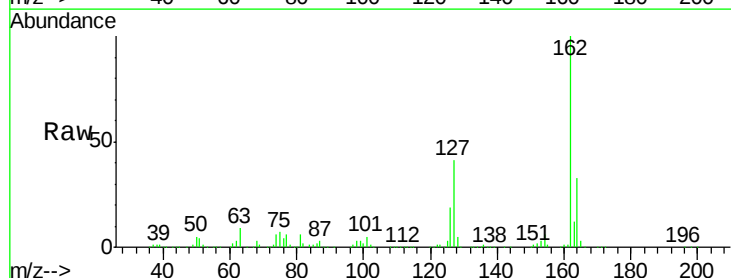


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

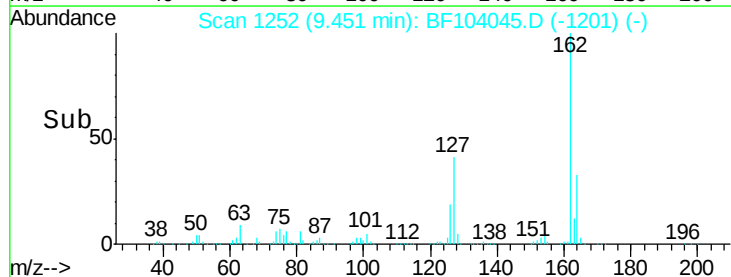
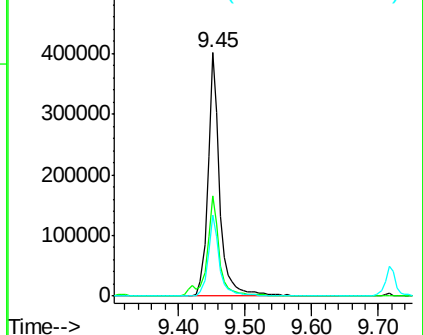


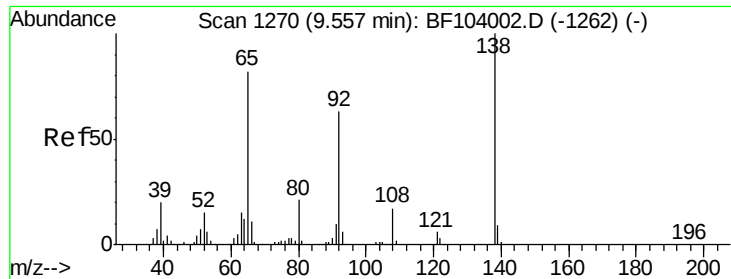
#46
 2-Chloronaphthalene
 Concen: 31.606 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: BF104045.D
 Acq: 29 Mar 2018 12:44

Tgt Ion:162 Resp: 492604
 Ion Ratio Lower Upper
 162 100
 127 41.3 33.9 50.9
 164 33.1 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

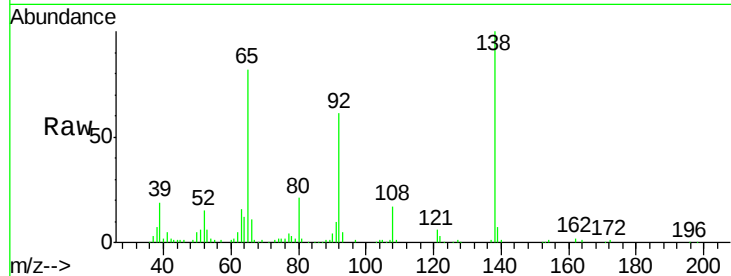




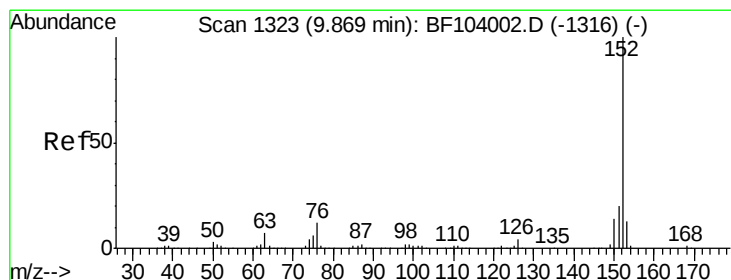
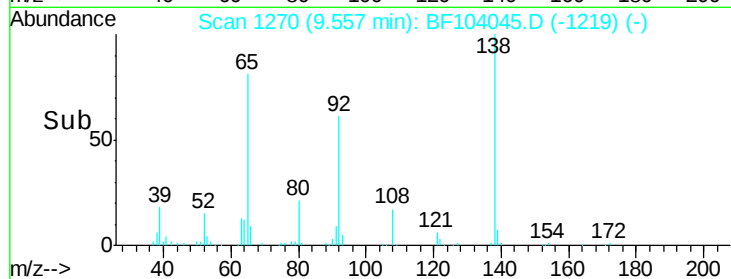
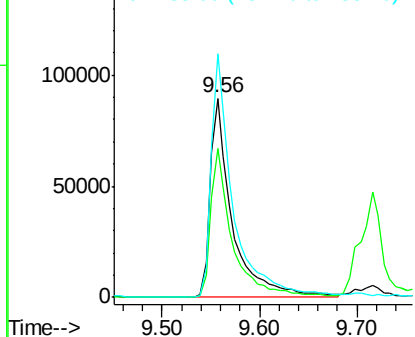
#47
2-Nitroaniline
Concen: 31.793 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BF104045.D
Acq: 29 Mar 2018 12:44

Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 141299
Ion Ratio Lower Upper
65 100
92 75.0 55.8 83.6
138 122.2 91.2 136.8

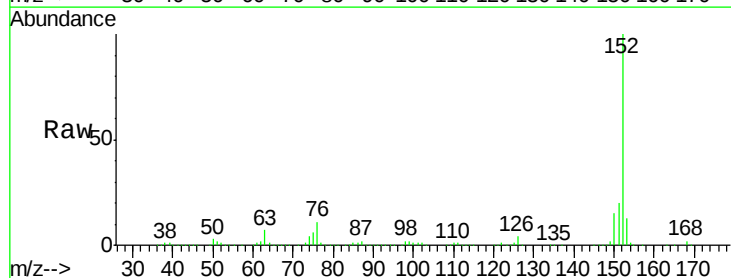


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

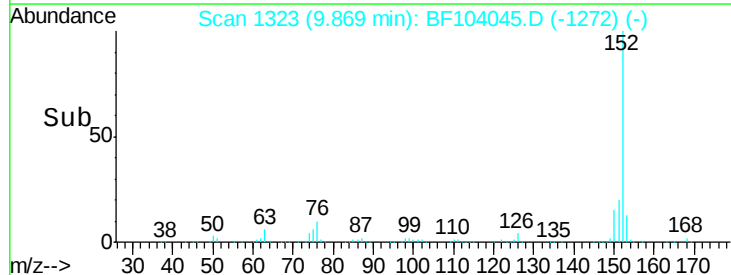
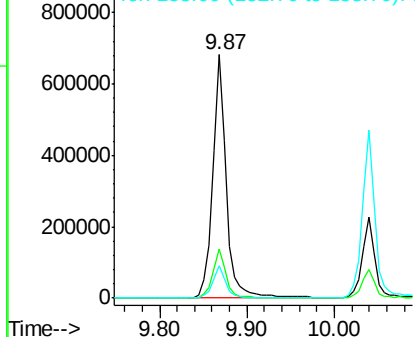


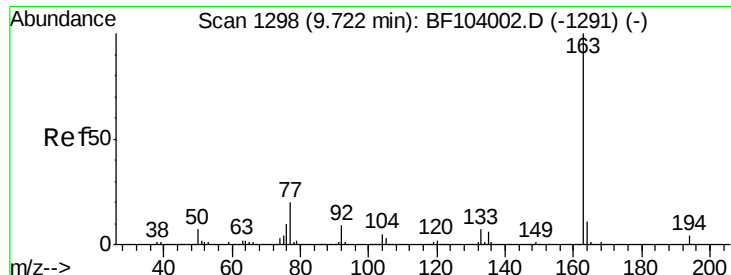
#48
Acenaphthylene
Concen: 31.354 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF104045.D
Acq: 29 Mar 2018 12:44

Tgt Ion: 152 Resp: 740337
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.1 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

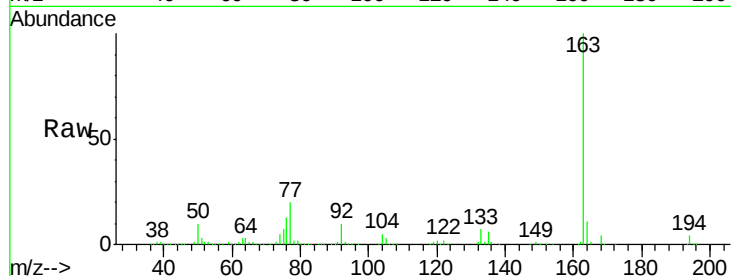




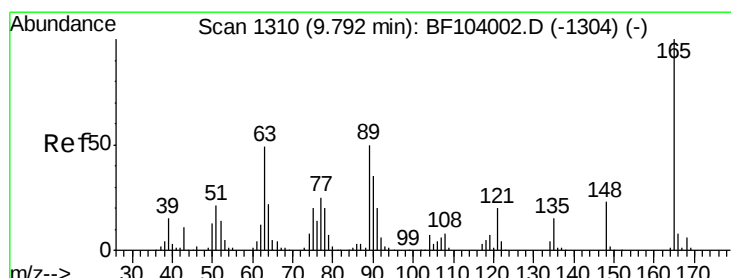
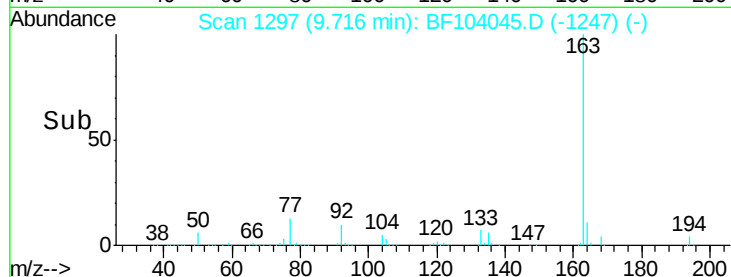
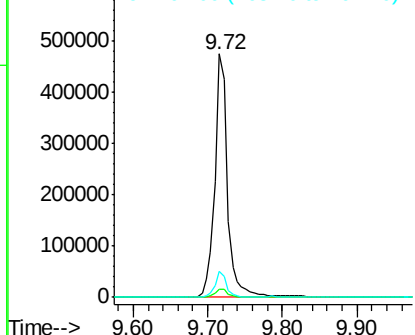
#49
Dimethylphthalate
Concen: 31.235 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF104045.D
Acq: 29 Mar 2018 12:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 567738
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.6 8.2 12.2

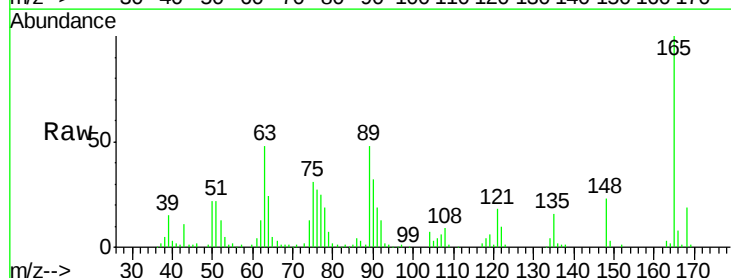


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

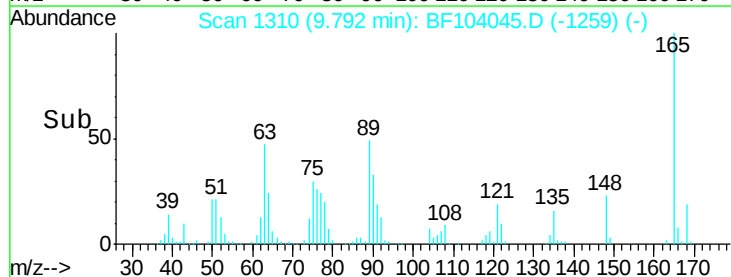
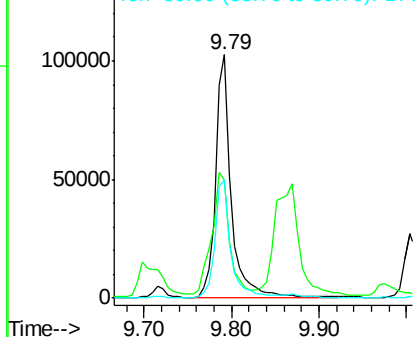


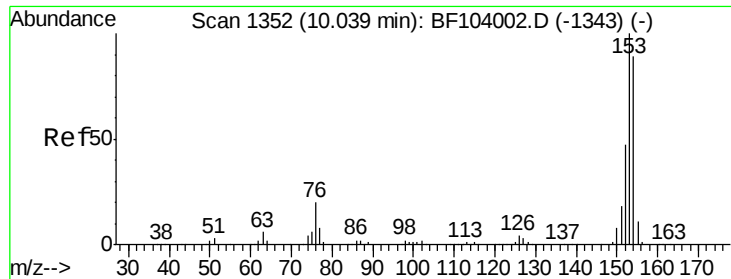
#50
2,6-Dinitrotoluene
Concen: 33.115 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BF104045.D
Acq: 29 Mar 2018 12:44

Tgt Ion:165 Resp: 129495
Ion Ratio Lower Upper
165 100
63 48.4 44.7 67.1
89 48.5 44.0 66.0



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





#51

Acenaphthene

Concen: 30.194 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.00 min

Lab File: BF104045.D

Acq: 29 Mar 2018 12:44

Instrument :

BNA_F

ClientSampleId :

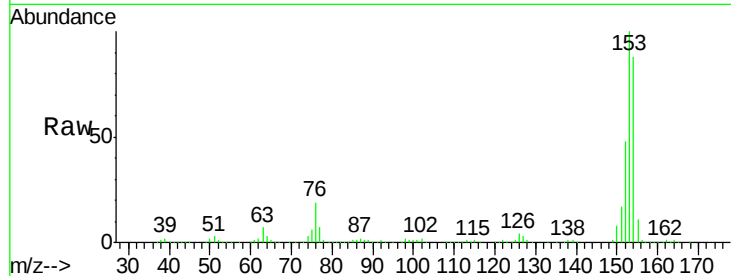
Tot Ion:154 Resp: 412440

Ion Ratio Lower Upper

154 100

153 113.4 91.2 136.8

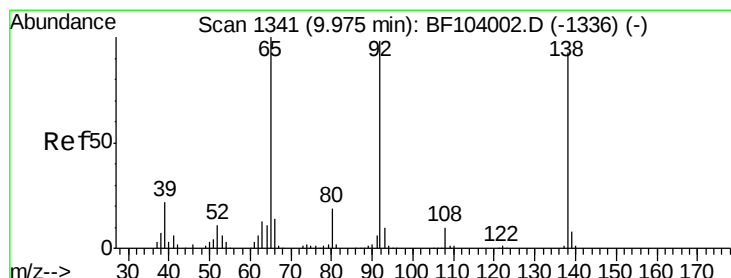
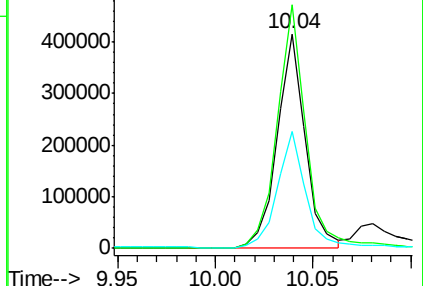
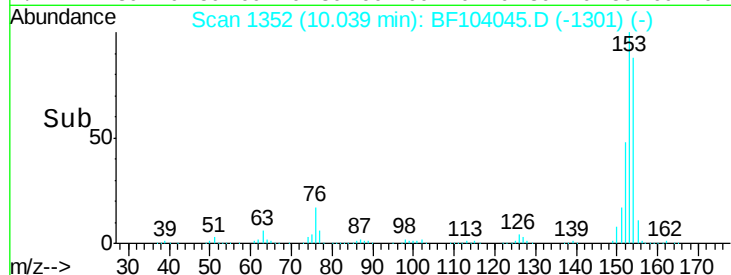
152 54.4 43.8 65.8



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: 14.357 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF104045.D

Acq: 29 Mar 2018 12:44

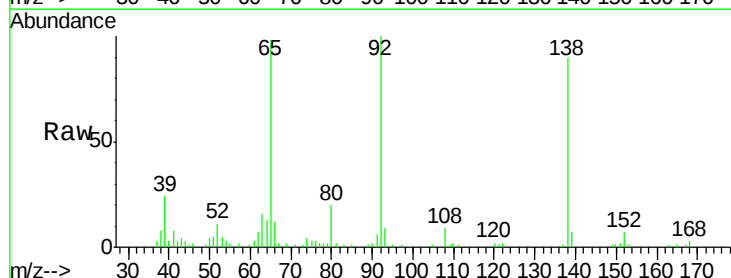
Tgt Ion:138 Resp: 64536

Ion Ratio Lower Upper

138 100

108 9.9 9.4 14.0

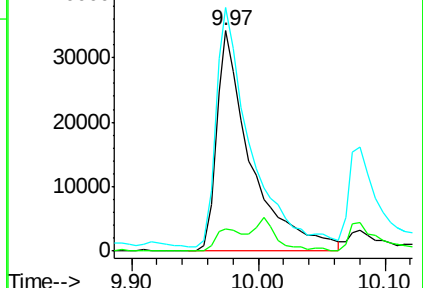
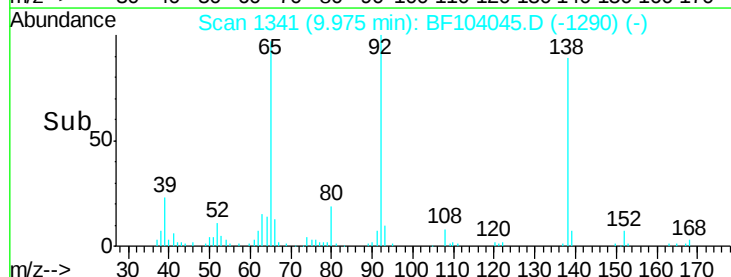
92 110.5 89.4 134.2

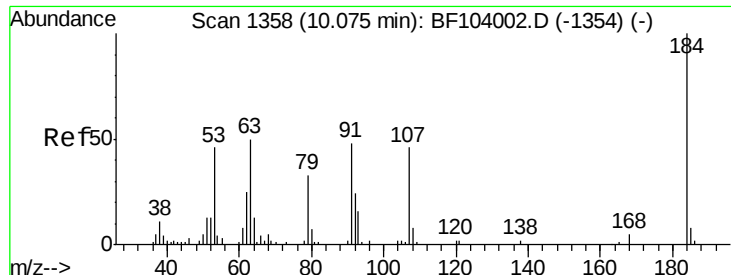


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

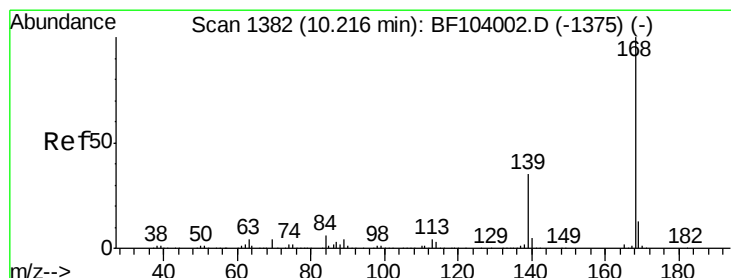
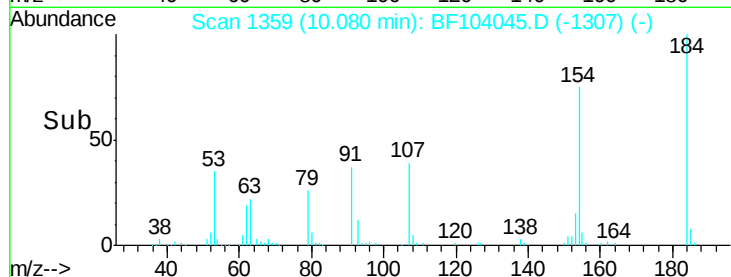
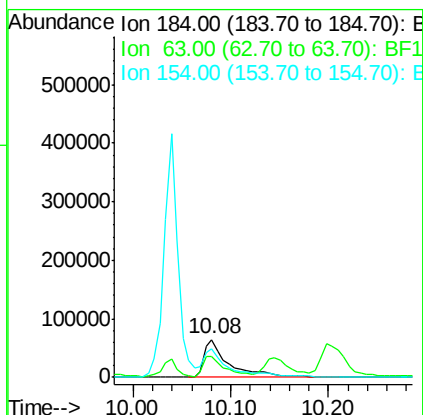
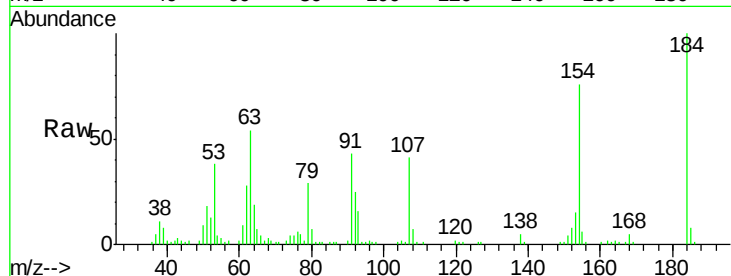




#53
 2,4-Dinitrophenol
 Concen: 67.513 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. 0.01 min
 Lab File: BF104045.D
 Acq: 29 Mar 2018 12:44

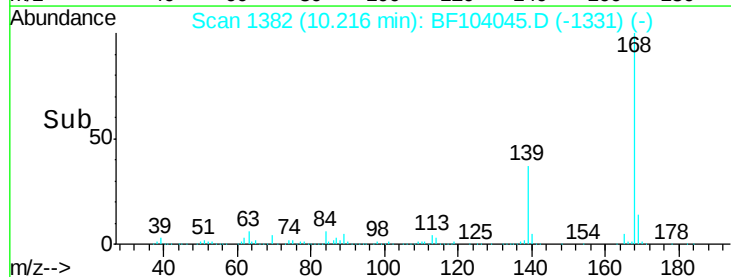
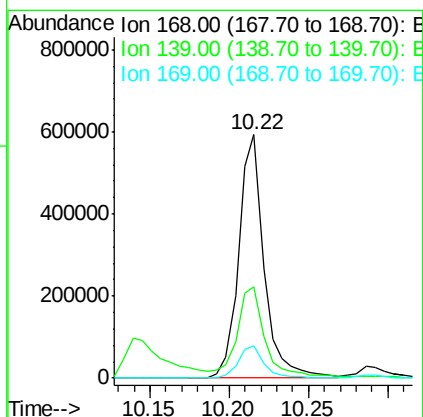
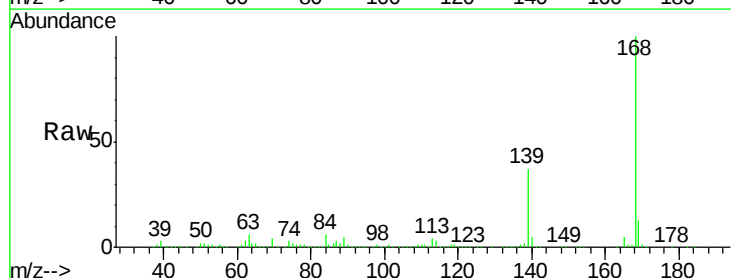
Instrument :
 BNA_F
 ClientSampleId :

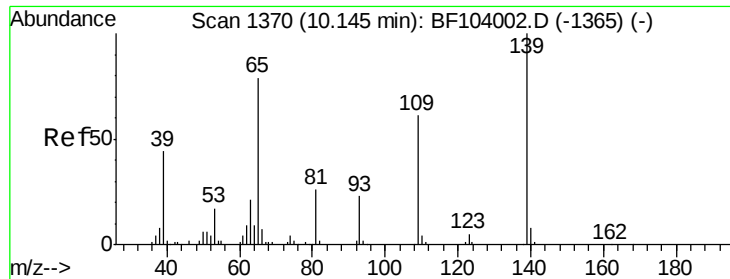
Tot Ion:184 Resp: 113660
 Ion Ratio Lower Upper
 184 100
 63 54.2 54.2 81.2
 154 75.7 184.0 276.0#



#54
 Dibenzofuran
 Concen: 33.068 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: BF104045.D
 Acq: 29 Mar 2018 12:44

Tgt Ion:168 Resp: 659603
 Ion Ratio Lower Upper
 168 100
 139 37.2 30.1 45.1
 169 13.5 10.9 16.3

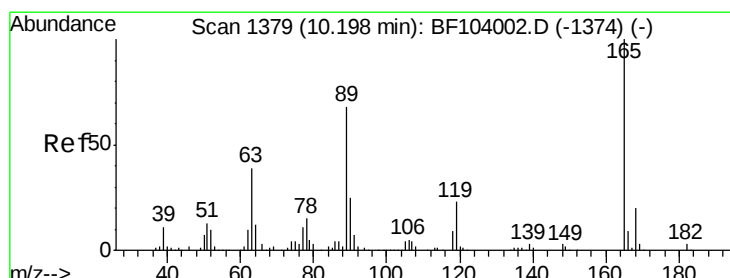
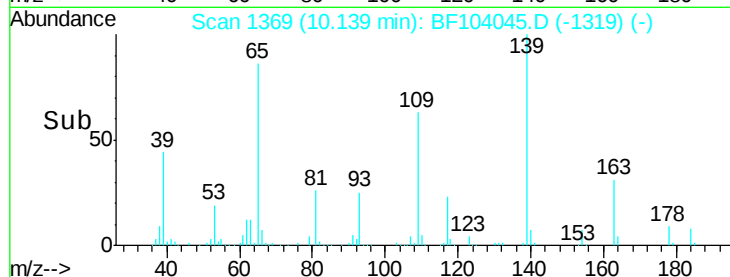
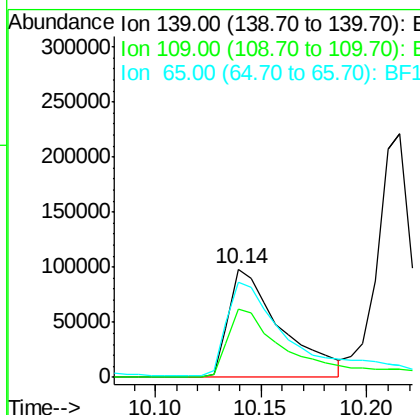
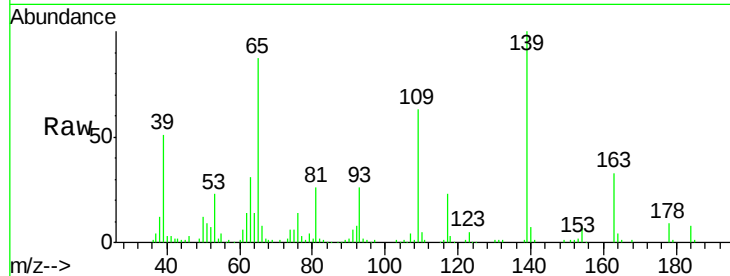




#55
4-Nitrophenol
Concen: 62.947 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF104045.D
Acq: 29 Mar 2018 12:44

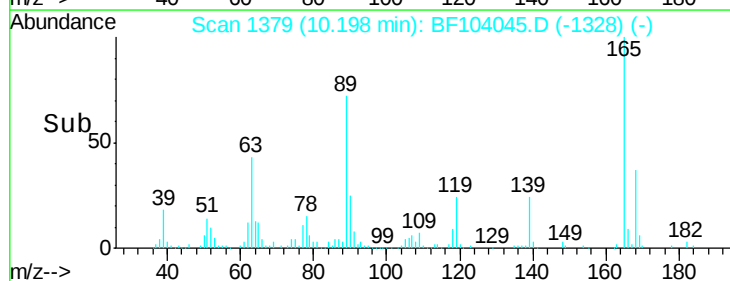
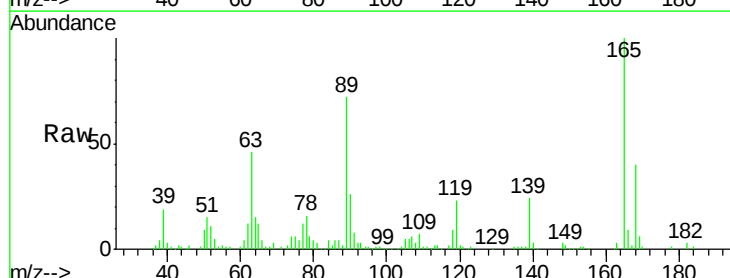
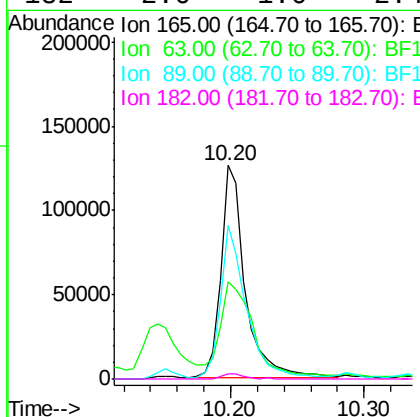
Instrument :
BNA_F
ClientSampled :

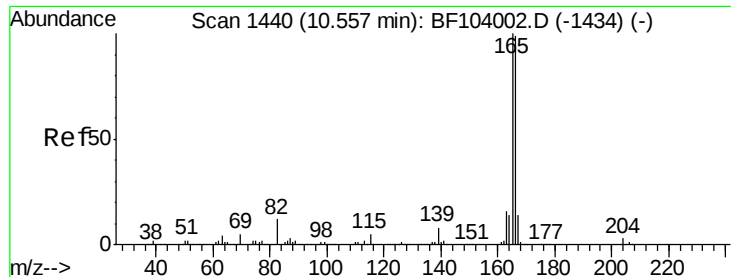
Tot Ion	Ratio	Lower	Upper
139	100		
109	62.9	48.4	88.4
65	87.2	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 32.621 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BF104045.D
Acq: 29 Mar 2018 12:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.7	36.4	54.6
89	72.1	57.8	86.6
182	2.6	1.6	2.4





#57

Fluorene

Concen: 32.685 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF104045.D

Acq: 29 Mar 2018 12:44

Instrument :

BNA_F

ClientSampleId :

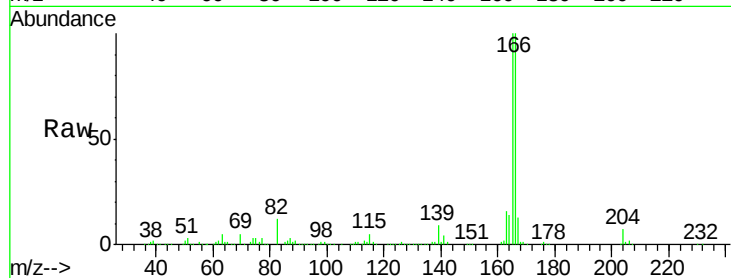
Tot Ion:166 Resp: 537798

Ion Ratio Lower Upper

166 100

165 99.8 79.8 119.8

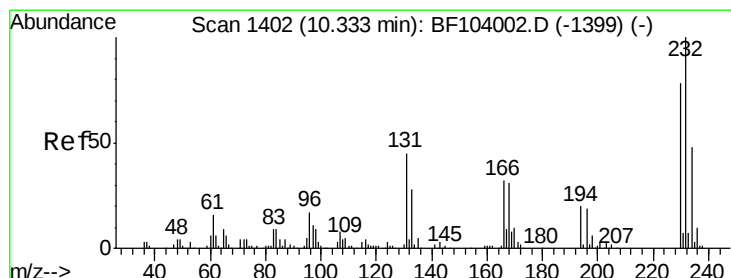
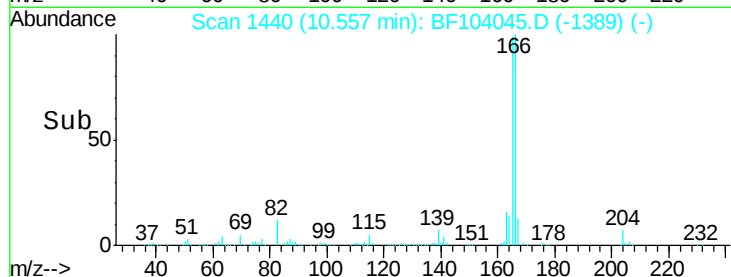
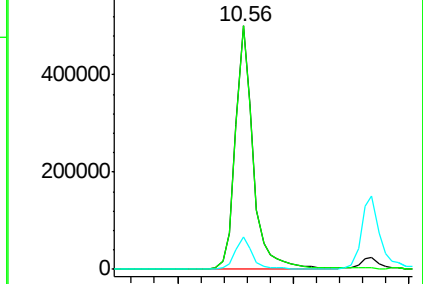
167 13.1 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.377 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BF104045.D

Acq: 29 Mar 2018 12:44

Tgt Ion:232 Resp: 147107

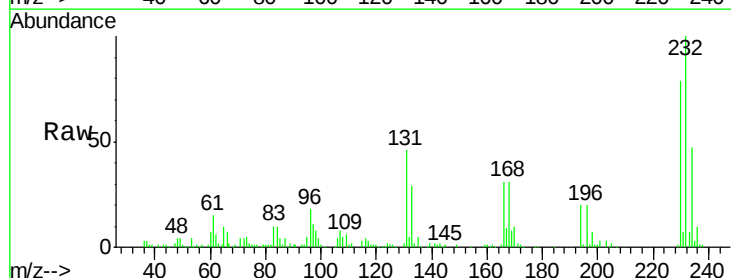
Ion Ratio Lower Upper

232 100

131 42.2 43.8 65.8#

130 2.2 2.1 3.1

166 28.6 27.8 41.6

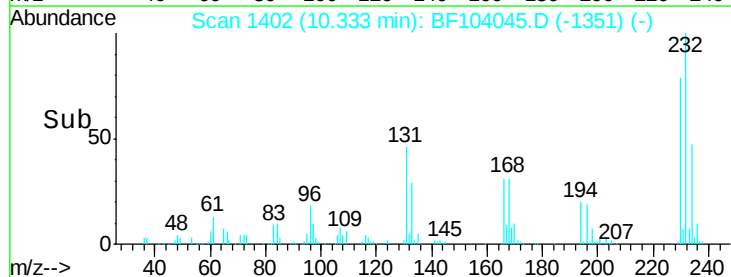
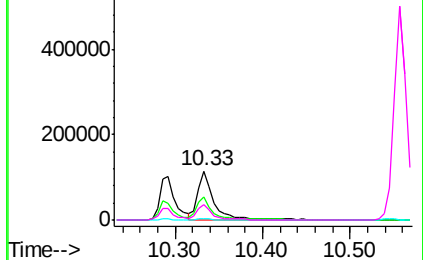


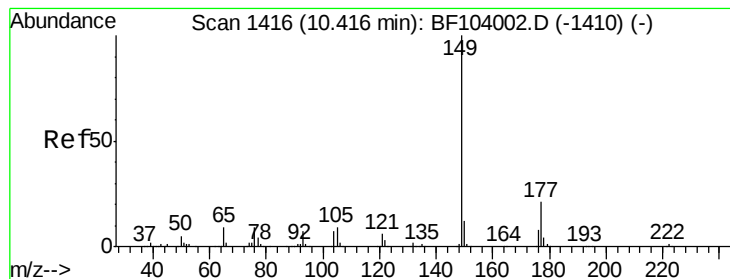
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 38.871 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BF104045.D

Acq: 29 Mar 2018 12:44

Instrument :

BNA_F

ClientSampleId :

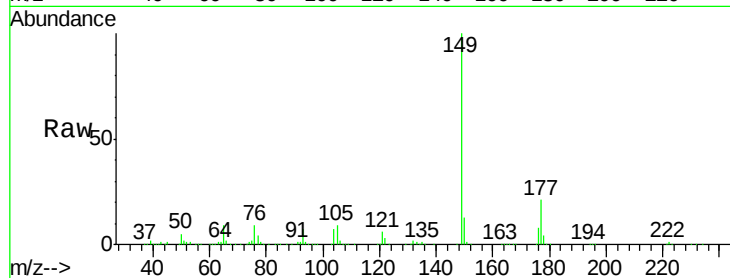
Tot Ion:149 Resp: 676850

Ion Ratio Lower Upper

149 100

177 20.7 16.1 24.1

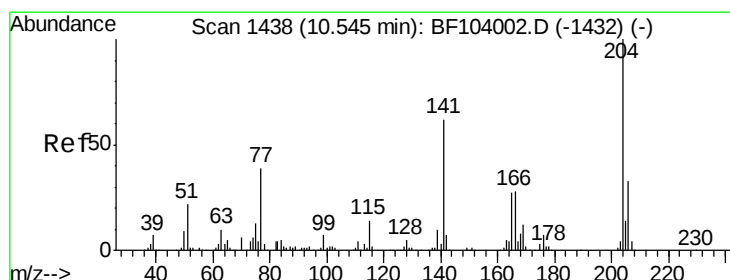
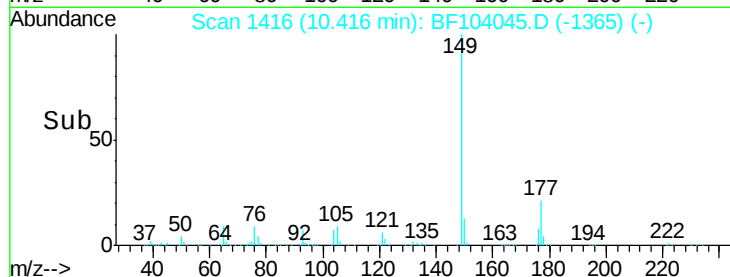
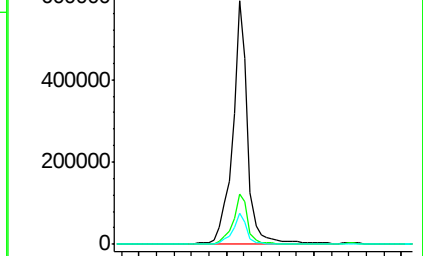
150 12.6 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 33.002 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF104045.D

Acq: 29 Mar 2018 12:44

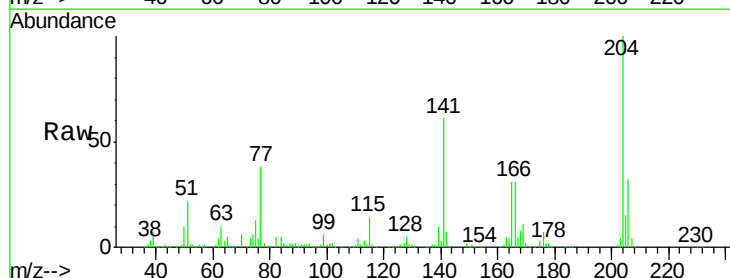
Tgt Ion:204 Resp: 249400

Ion Ratio Lower Upper

204 100

206 32.5 26.5 39.7

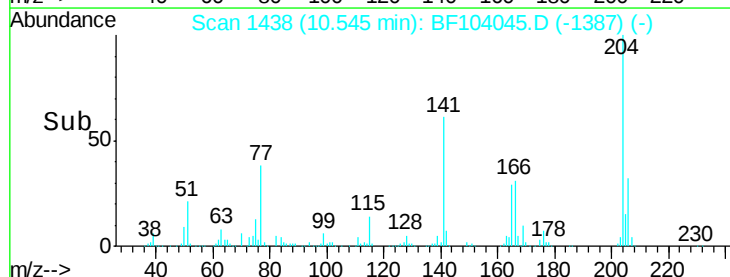
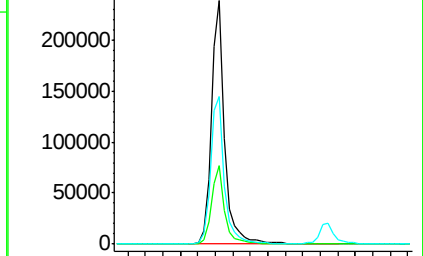
141 60.5 54.6 81.8

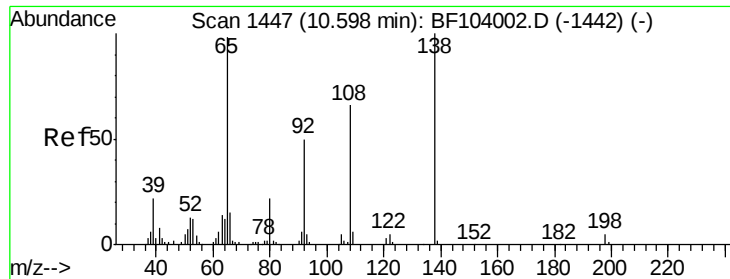


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

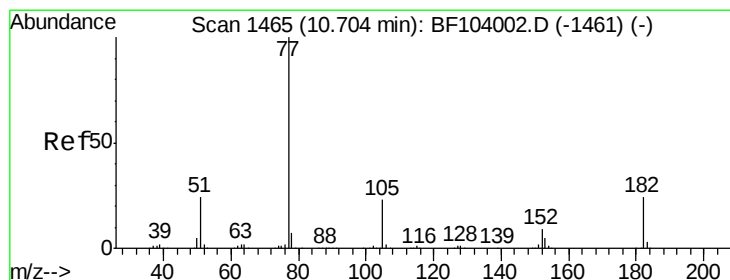
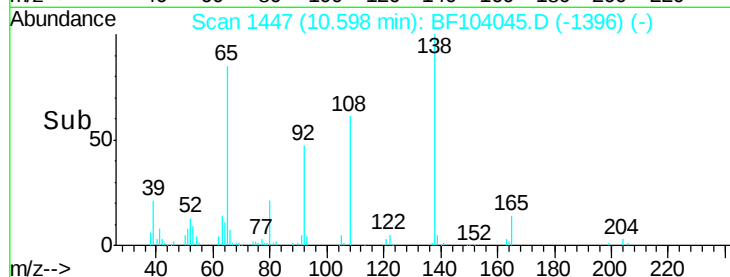
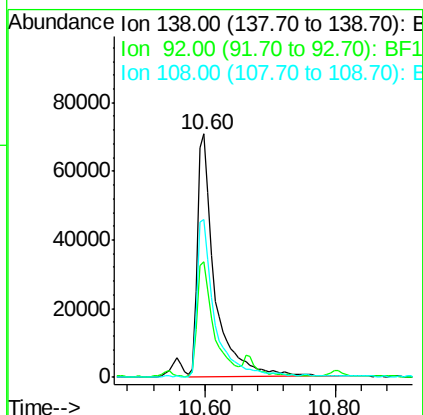
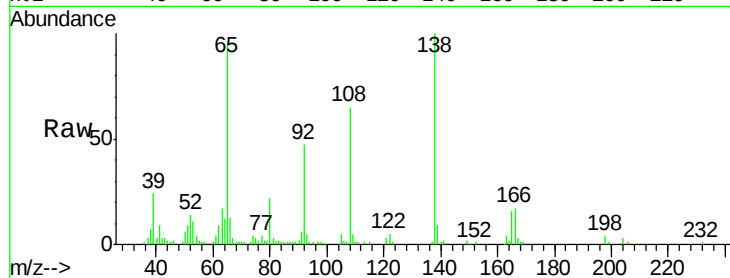




#61
4-Nitroaniline
Concen: 31.210 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BF104045.D
Acq: 29 Mar 2018 12:44

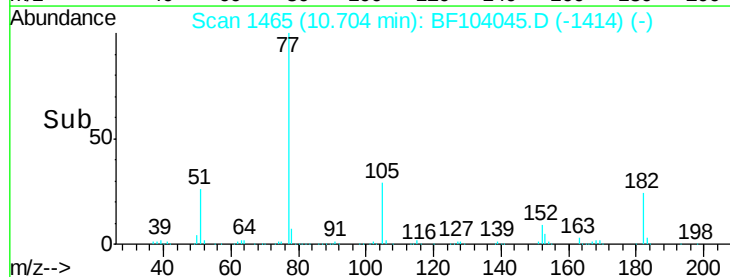
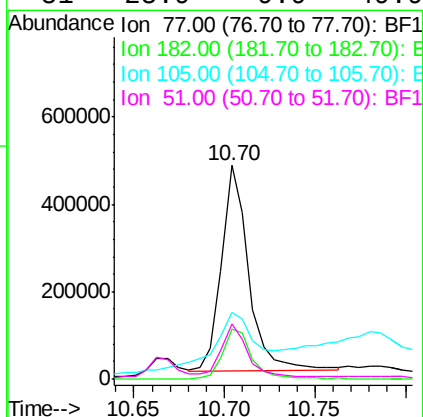
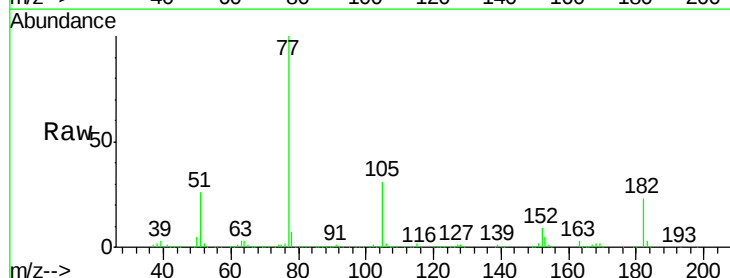
Instrument :
BNA_F
ClientSampled :

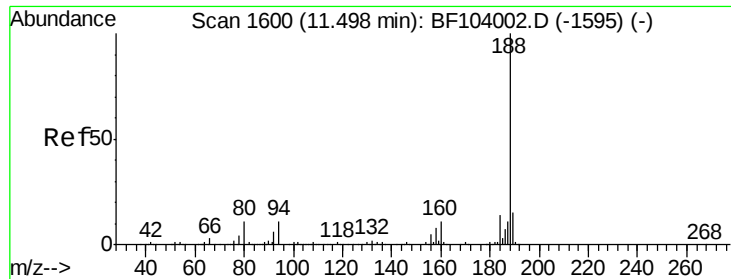
Tot Ion:138 Resp: 131273
Ion Ratio Lower Upper
138 100
92 47.3 30.2 70.2
108 64.7 52.5 92.5



#62
Azobenzene
Concen: 31.206 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.00 min
Lab File: BF104045.D
Acq: 29 Mar 2018 12:44

Tgt Ion: 77 Resp: 491337
Ion Ratio Lower Upper
77 100
182 23.3 1.7 41.7
105 31.1 3.0 43.0
51 25.9 9.9 49.9

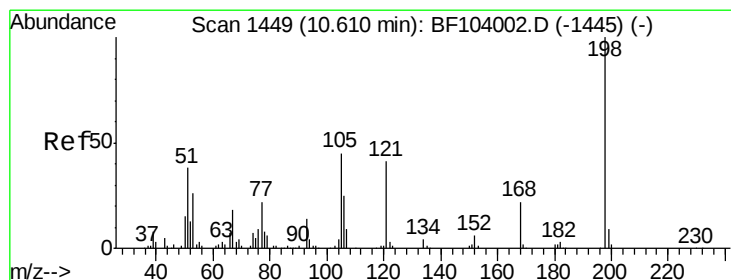
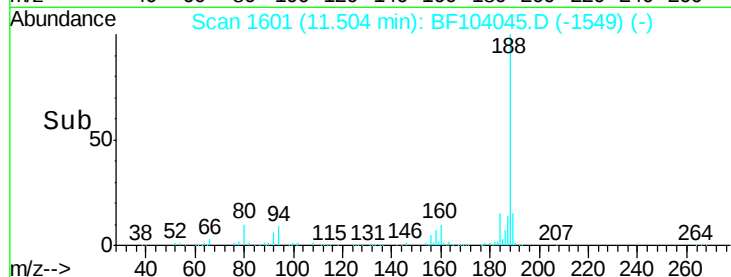
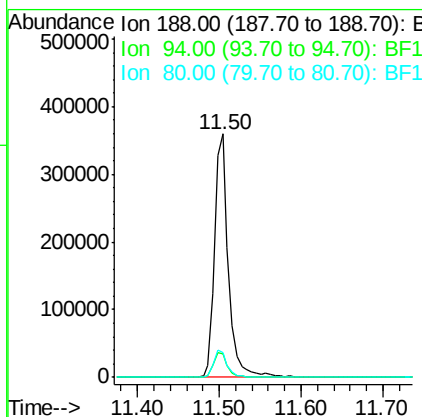
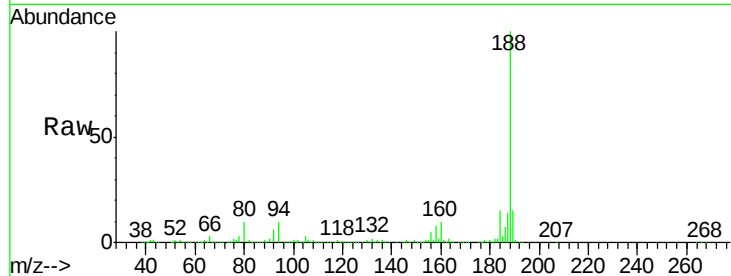




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF104045.D
Acq: 29 Mar 2018 12:44

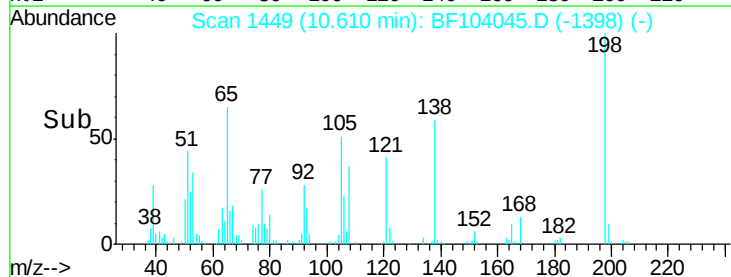
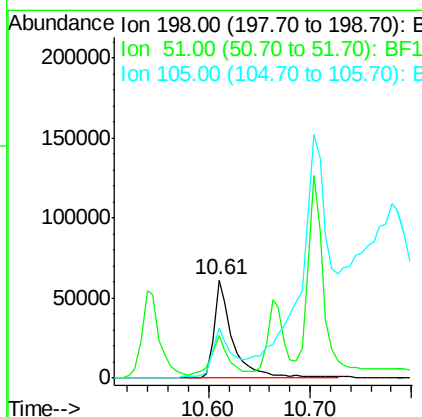
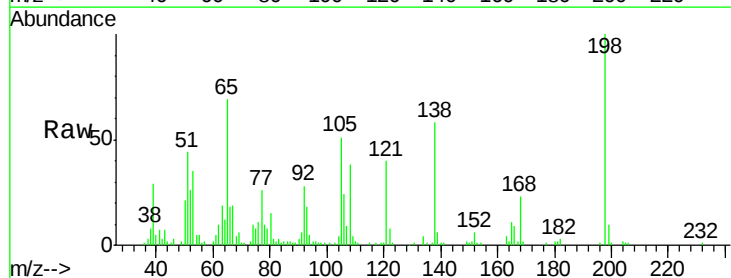
Instrument :
BNA_F
ClientSampleId :

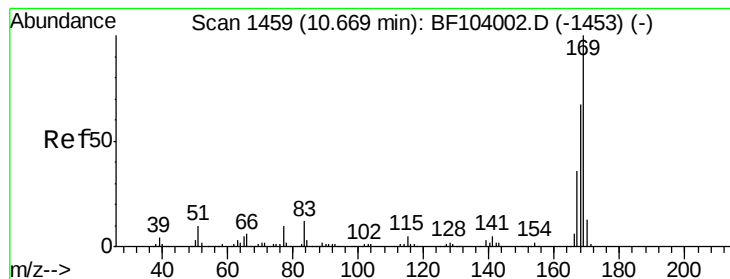
Tot Ion:188 Resp: 425236
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 10.0 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 30.596 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BF104045.D
Acq: 29 Mar 2018 12:44

Tgt Ion:198 Resp: 78755
Ion Ratio Lower Upper
198 100
51 43.7 37.7 77.7
105 51.0 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 32.702 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.00 min

Lab File: BF104045.D

Acq: 29 Mar 2018 12:44

Instrument :

BNA_F

ClientSampleId :

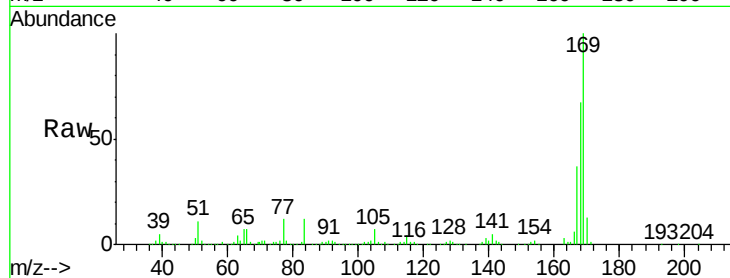
Tot Ion:169 Resp: 470947

Ion Ratio Lower Upper

169 100

168 67.4 54.4 81.6

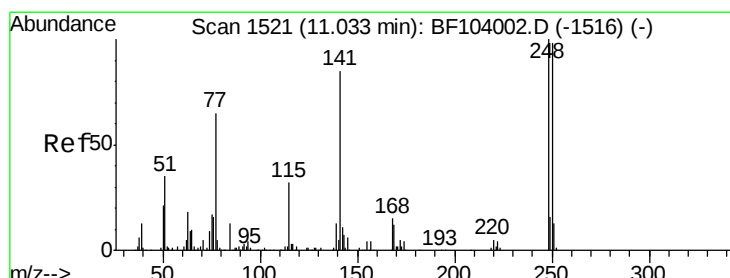
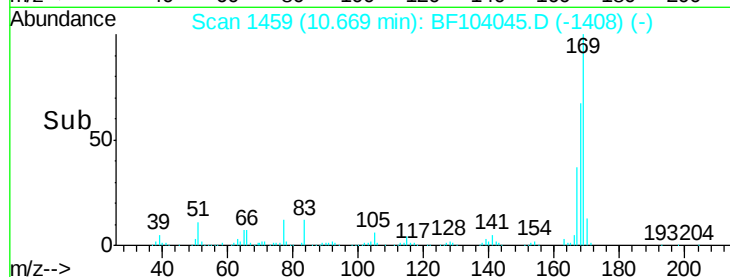
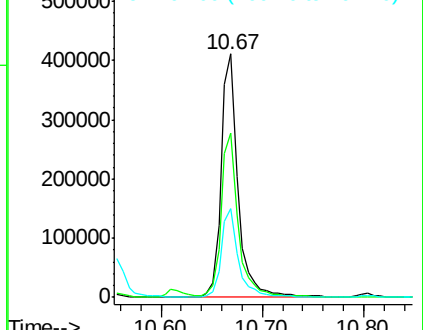
167 36.7 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 32.135 ng

RT: 11.04 min Scan# 1522

Delta R.T. 0.01 min

Lab File: BF104045.D

Acq: 29 Mar 2018 12:44

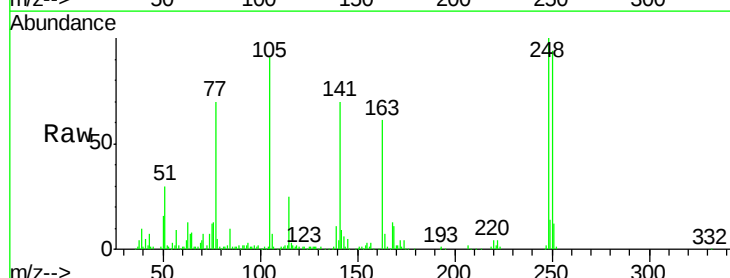
Tgt Ion:248 Resp: 146195

Ion Ratio Lower Upper

248 100

250 94.3 76.9 115.3

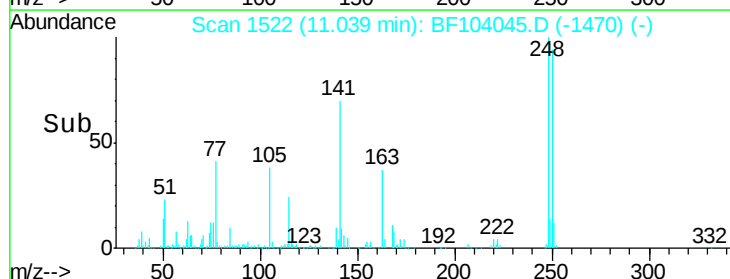
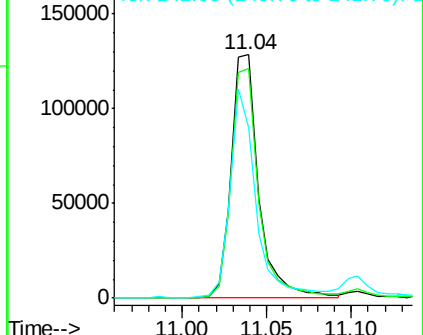
141 70.0 74.4 111.6#

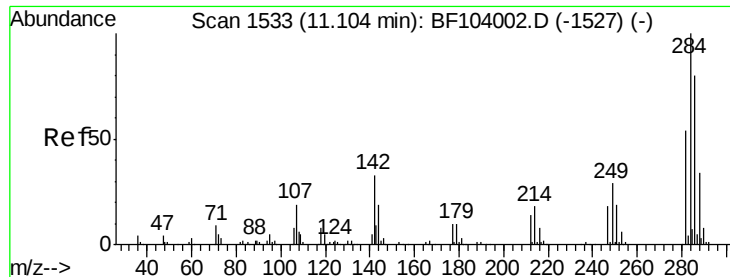


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

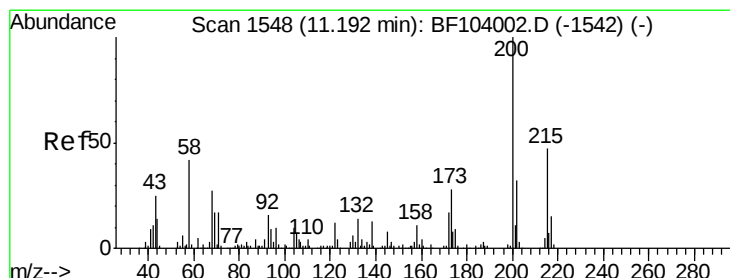
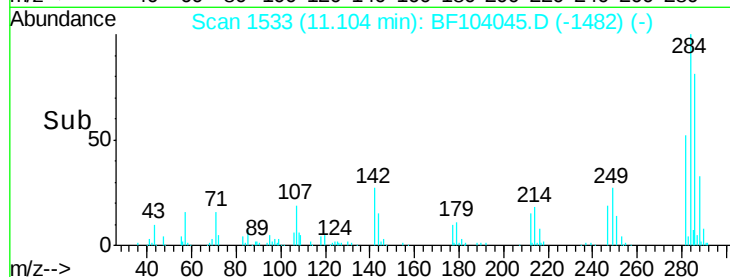
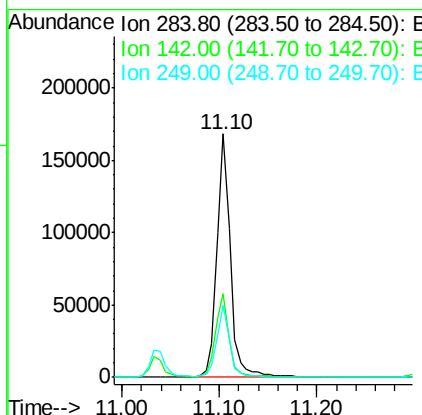
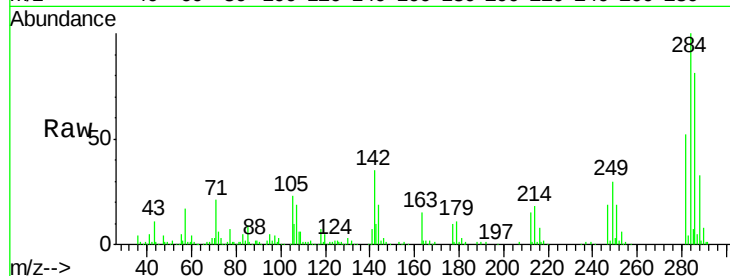




#67
Hexachlorobenzene
Concen: 31.070 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF104045.D
Acq: 29 Mar 2018 12:44

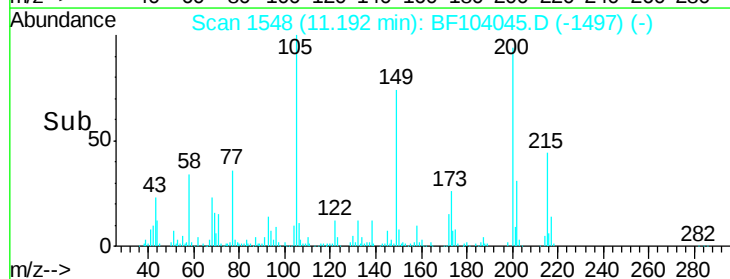
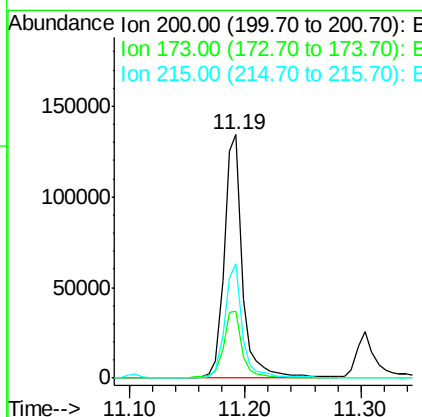
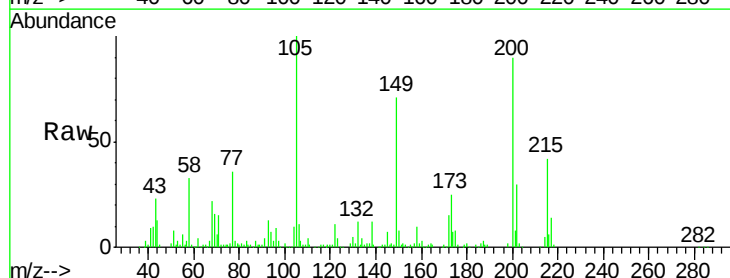
Instrument :
BNA_F
ClientSampled :

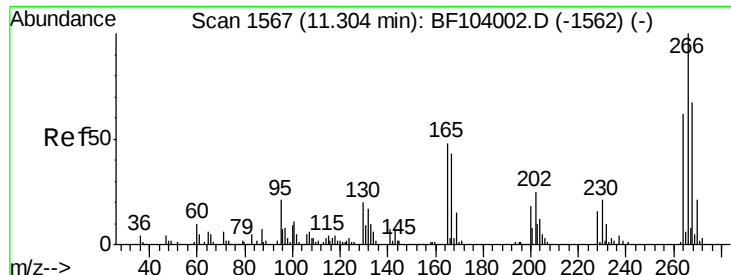
Tot Ion:284 Resp: 162597
Ion Ratio Lower Upper
284 100
142 34.6 34.6 52.0#
249 29.7 24.8 37.2



#68
Atrazine
Concen: 33.453 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF104045.D
Acq: 29 Mar 2018 12:44

Tgt Ion:200 Resp: 147593
Ion Ratio Lower Upper
200 100
173 27.5 8.6 48.6
215 46.8 25.1 65.1

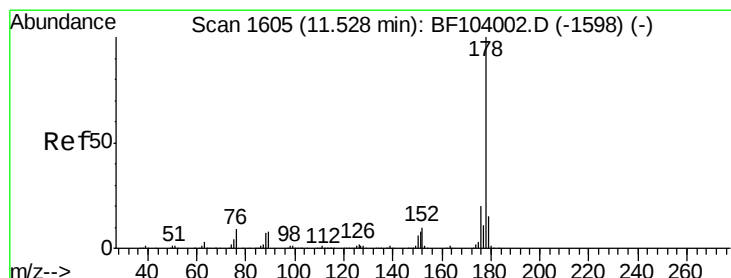
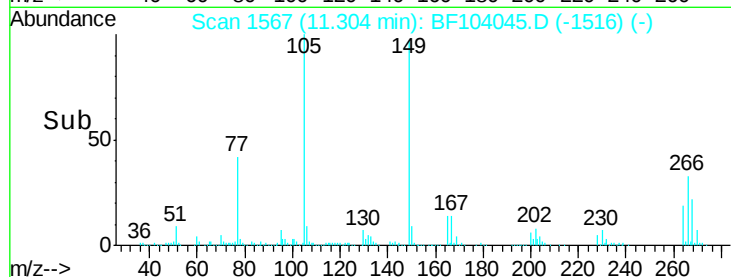
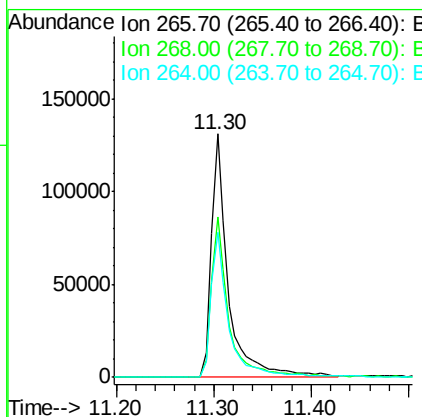
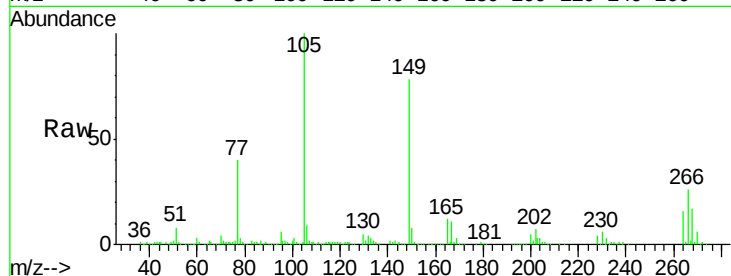




#69
 Pentachlorophenol
 Concen: 55.133 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: BF104045.D
 Acq: 29 Mar 2018 12:44

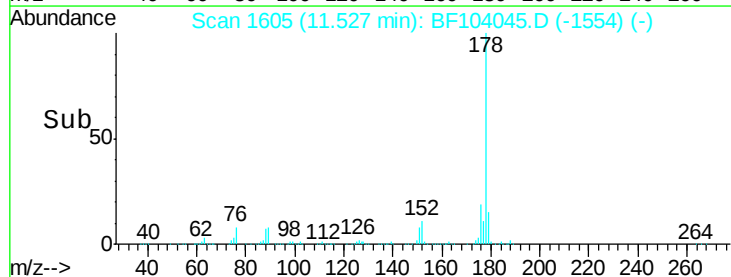
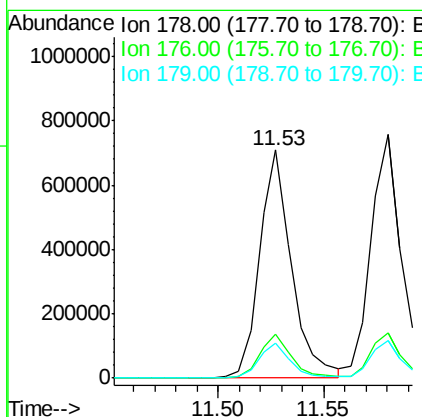
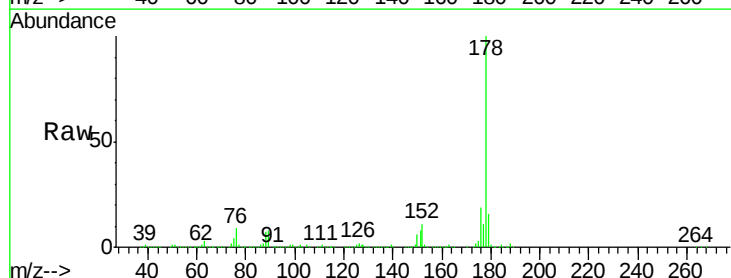
Instrument :
 BNA_F
 ClientSampleId :

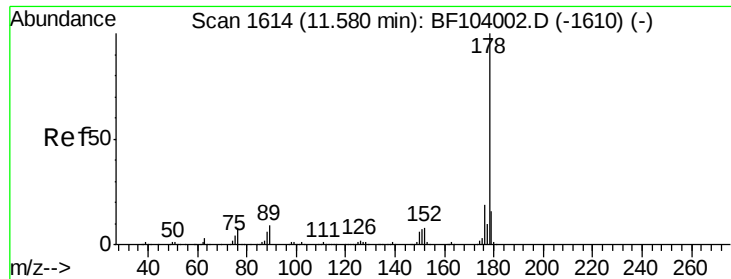
Tot Ion:266 Resp: 158767
 Ion Ratio Lower Upper
 266 100
 268 65.9 51.1 76.7
 264 59.3 49.5 74.3



#70
 Phenanthrene
 Concen: 32.371 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF104045.D
 Acq: 29 Mar 2018 12:44

Tgt Ion:178 Resp: 745273
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.8
 179 15.5 13.0 19.6

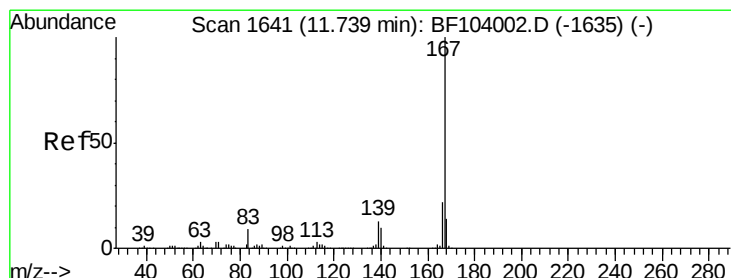
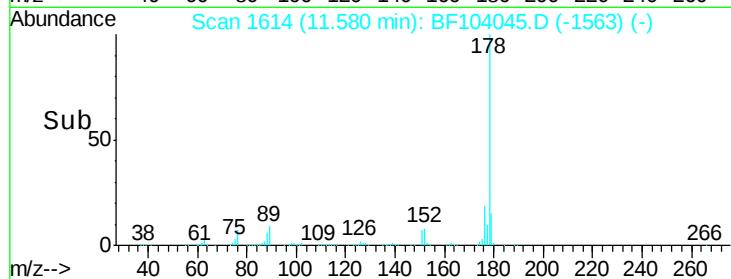
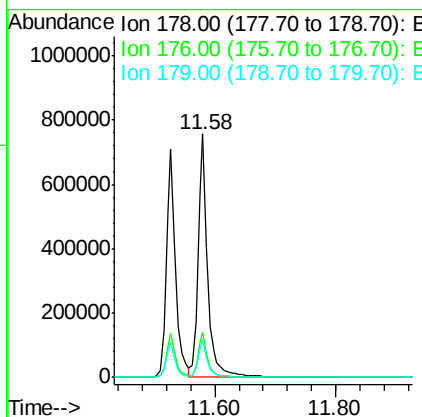
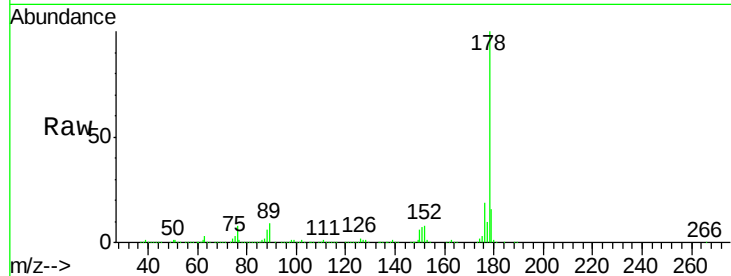




#71
 Anthracene
 Concen: 34.972 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. -0.00 min
 Lab File: BF104045.D
 Acq: 29 Mar 2018 12:44

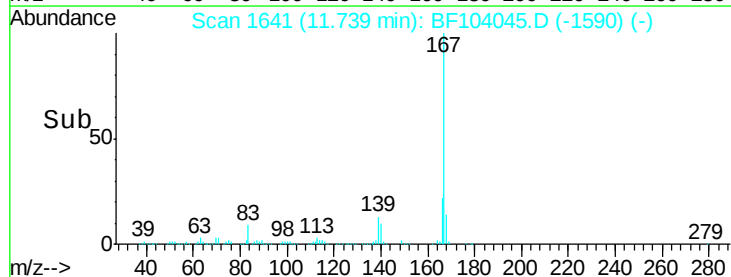
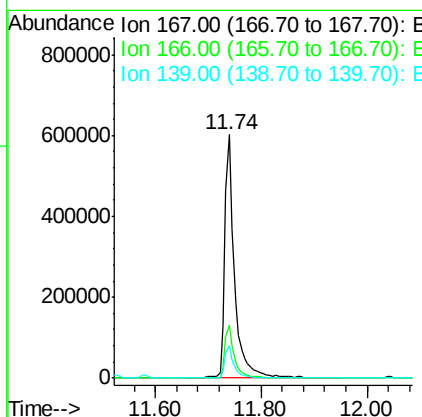
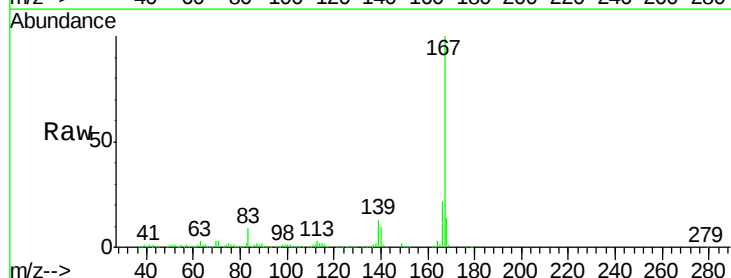
Instrument :
 BNA_F
 ClientSampleId :

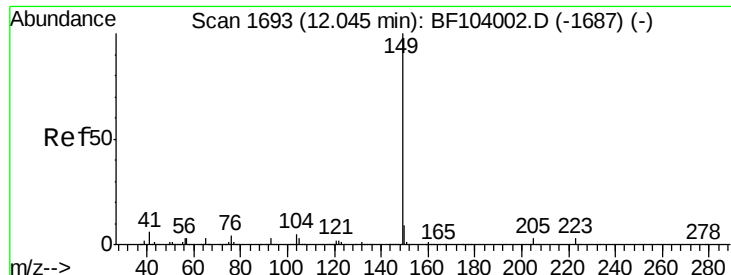
Tot Ion:178 Resp: 841009
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 33.914 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: BF104045.D
 Acq: 29 Mar 2018 12:44

Tgt Ion:167 Resp: 778406
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 13.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 32.556 ng

RT: 12.04 min Scan# 1693

Delta R.T. -0.00 min

Lab File: BF104045.D

Acq: 29 Mar 2018 12:44

Instrument :

BNA_F

ClientSampleId :

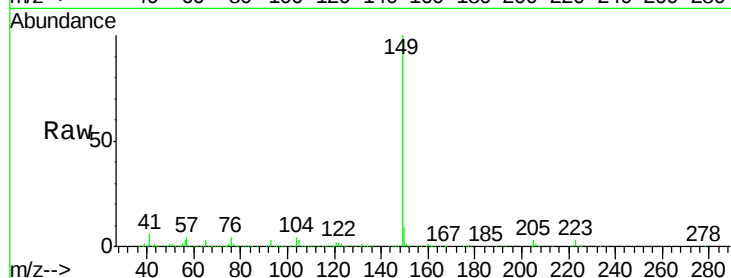
Tot Ion:149 Resp: 890052

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

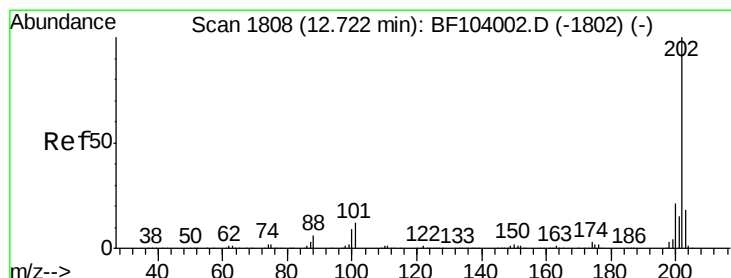
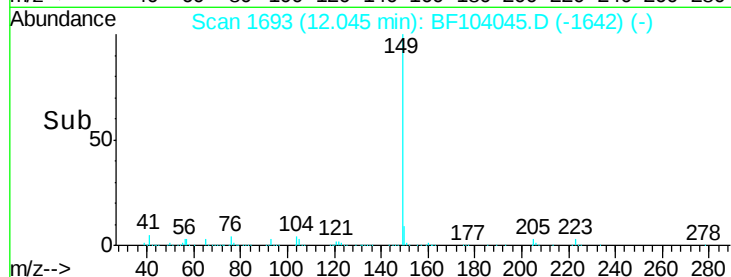
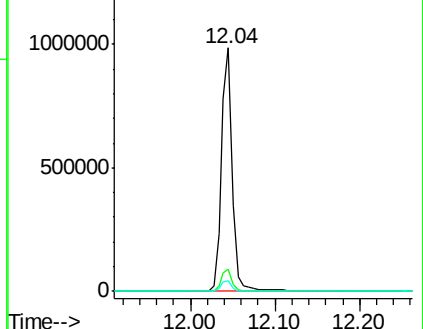
104 4.4 3.8 5.8



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: 34.346 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF104045.D

Acq: 29 Mar 2018 12:44

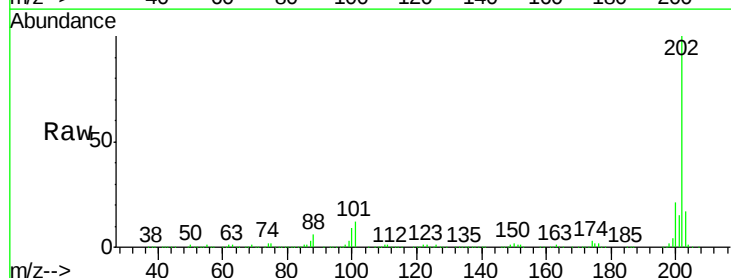
Tgt Ion:202 Resp: 840513

Ion Ratio Lower Upper

202 100

101 11.9 0.0 34.1

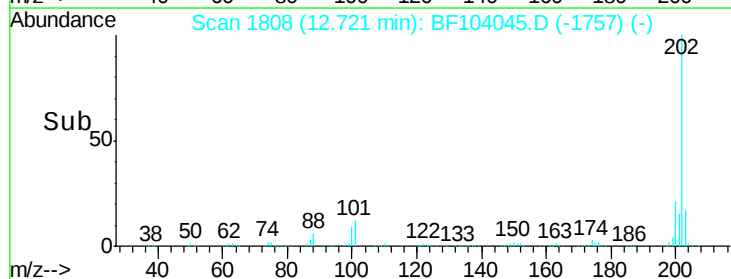
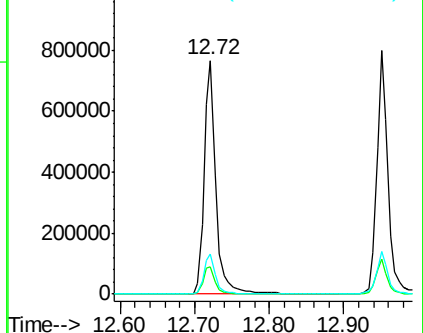
203 17.1 0.0 38.1

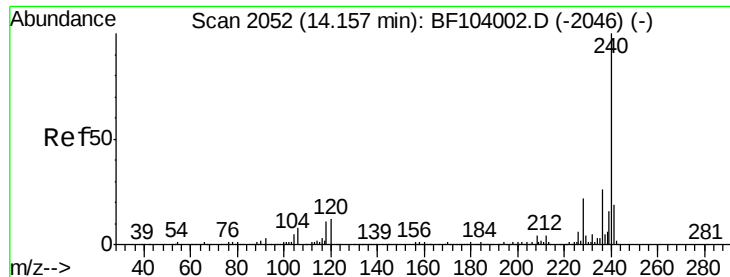


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF104045.D

Acq: 29 Mar 2018 12:44

Instrument :

BNA_F

ClientSampleId :

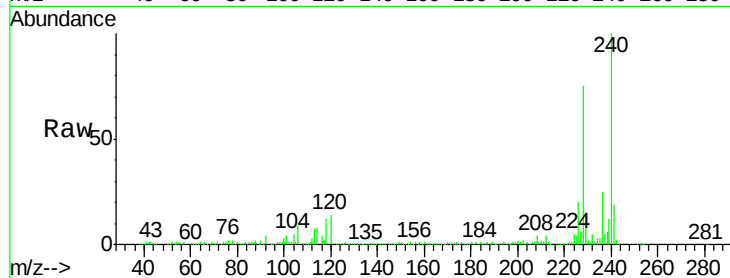
Tot Ion:240 Resp: 377765

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

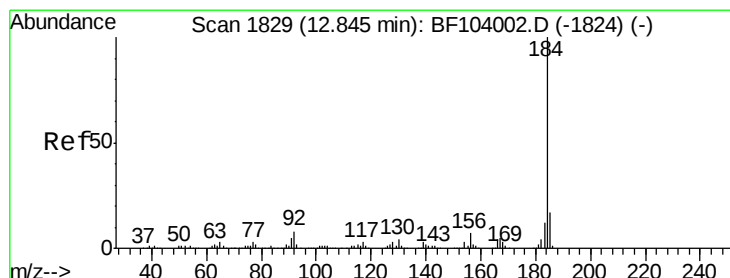
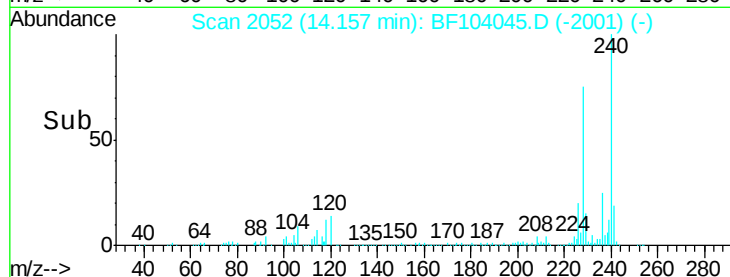
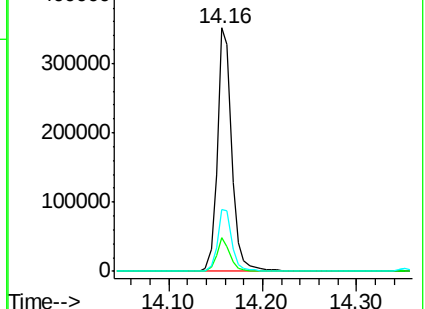
236 25.4 20.7 31.1



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: 26.600 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BF104045.D

Acq: 29 Mar 2018 12:44

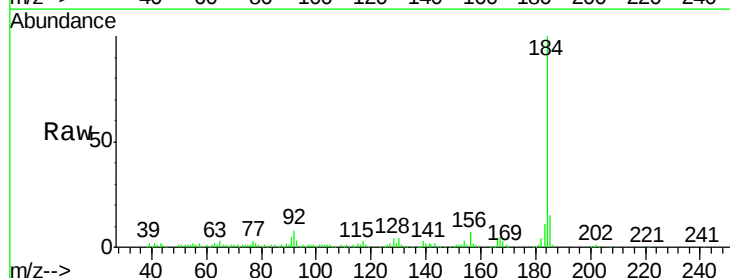
Tgt Ion:184 Resp: 286356

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

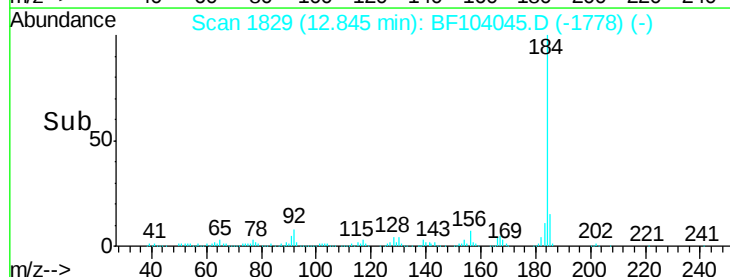
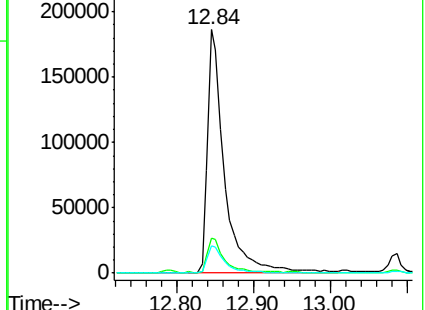
183 11.0 9.3 13.9

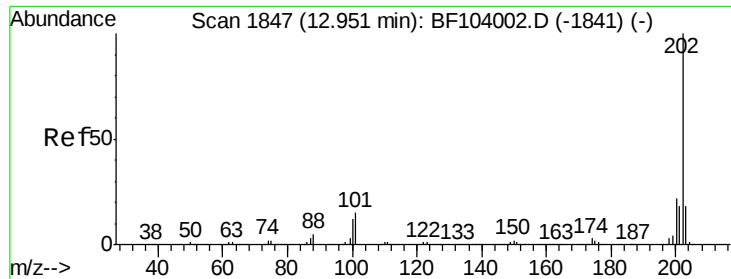


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

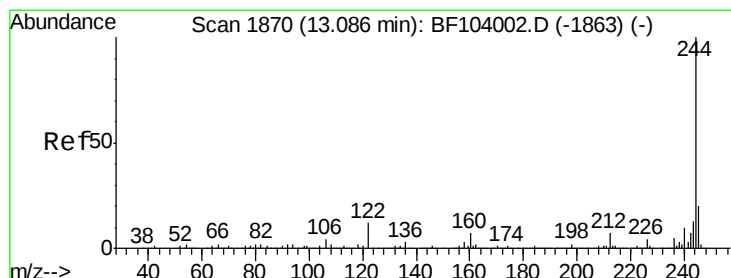
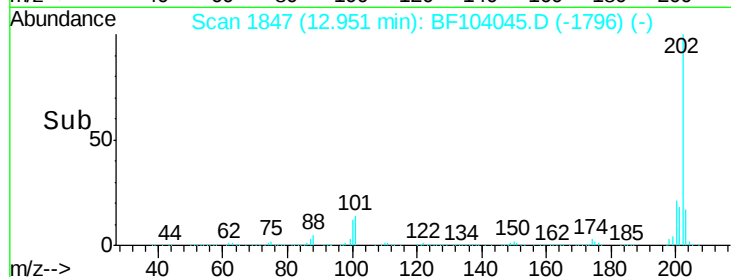
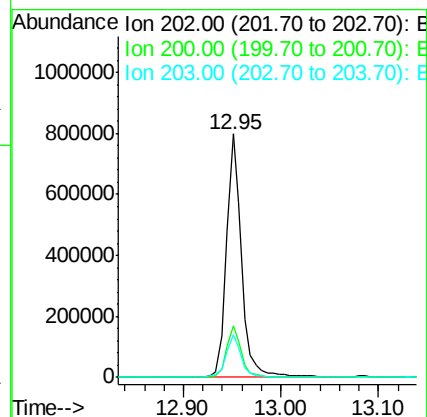
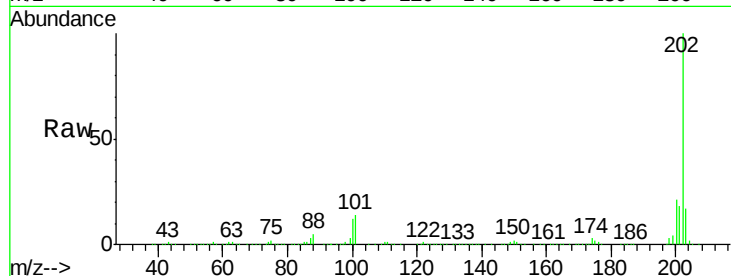




#77
Pvrene
Concen: 31.179 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BF104045.D
Acq: 29 Mar 2018 12:44

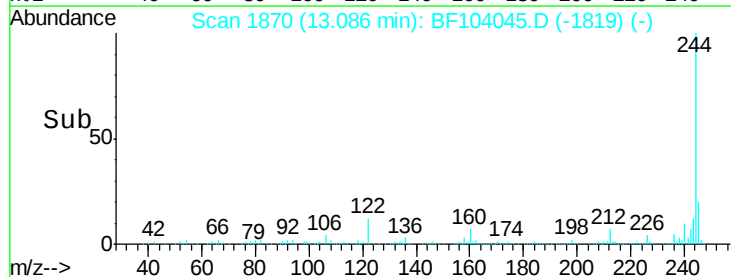
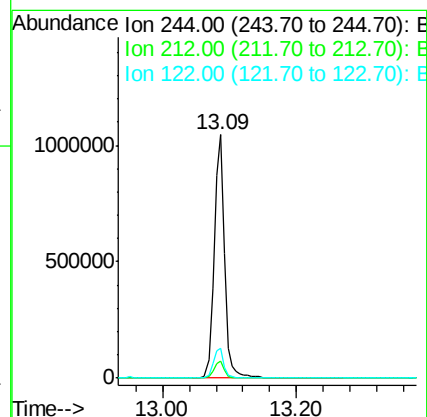
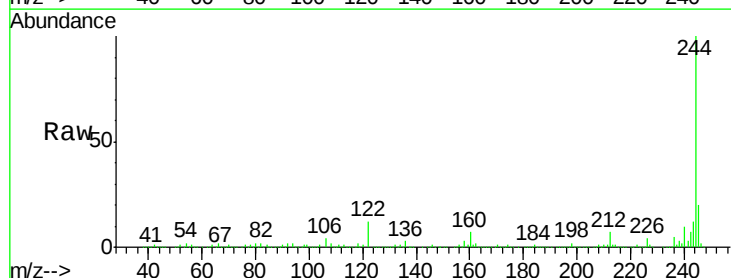
Instrument :
BNA_F
ClientSampleId :

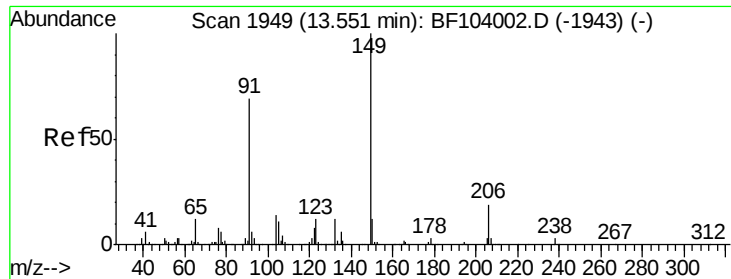
Tot Ion:202 Resp: 846684
Ion Ratio Lower Upper
202 100
200 21.2 17.4 26.2
203 17.3 14.3 21.5



#78
Terphenyl-d14
Concen: 69.589 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BF104045.D
Acq: 29 Mar 2018 12:44

Tgt Ion:244 Resp: 1138541
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 12.1 11.0 16.4

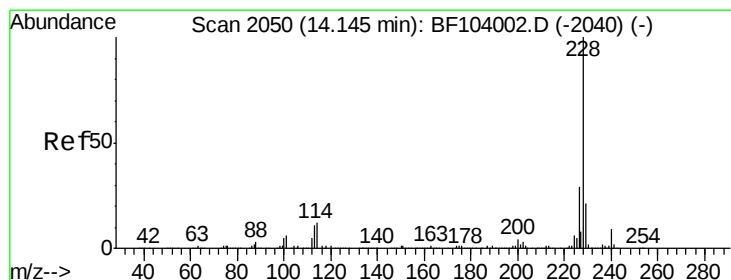
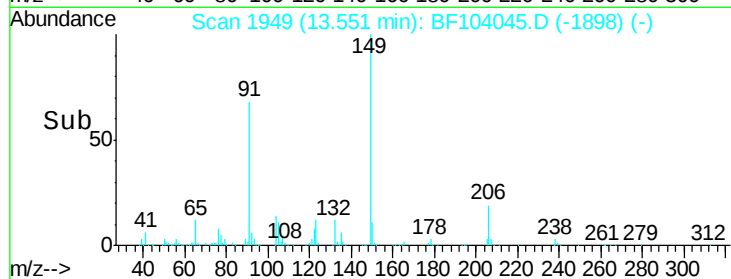
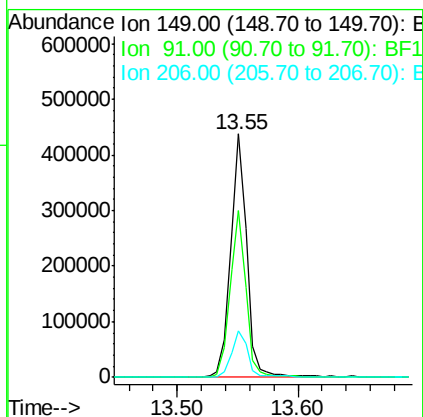
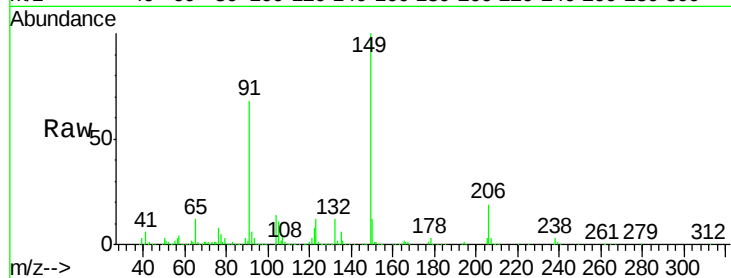




#79
Butylbenzylphthalate
Concen: 31.598 ng
RT: 13.55 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BF104045.D
Acq: 29 Mar 2018 12:44

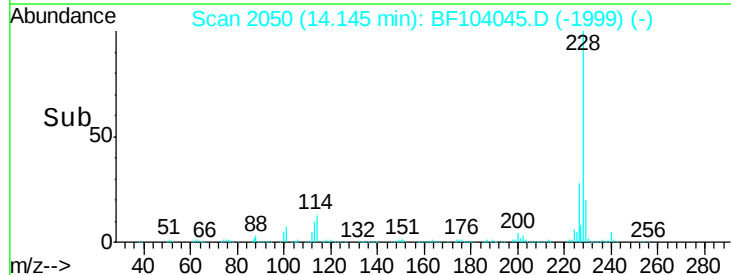
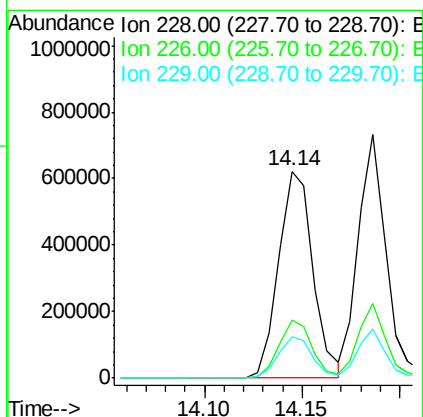
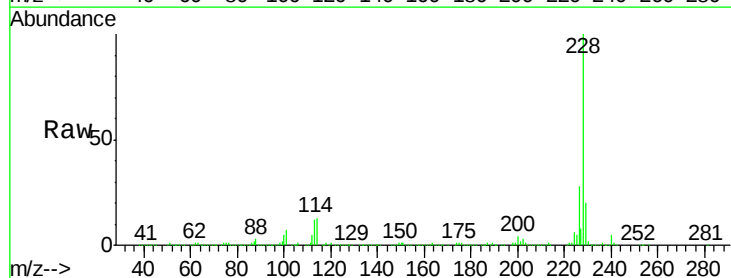
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.3	56.8	85.2
206	19.3	14.1	21.1



#80
Benzo(a)anthracene
Concen: 32.084 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.00 min
Lab File: BF104045.D
Acq: 29 Mar 2018 12:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.2	15.8	23.6

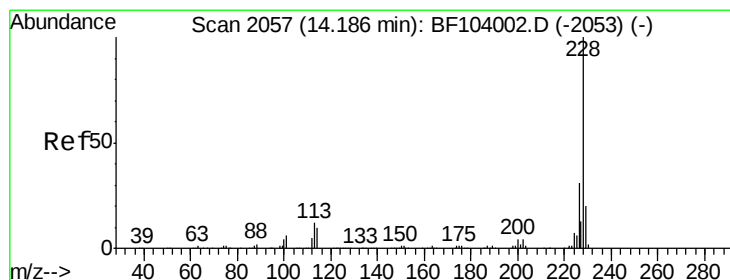
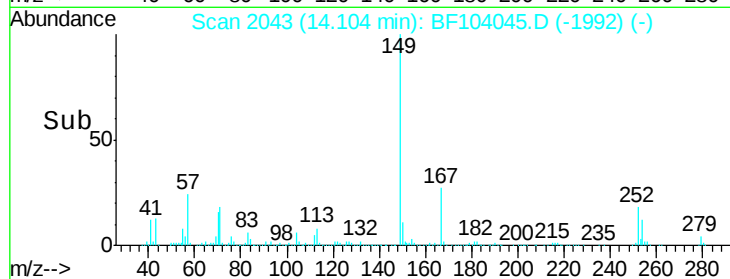
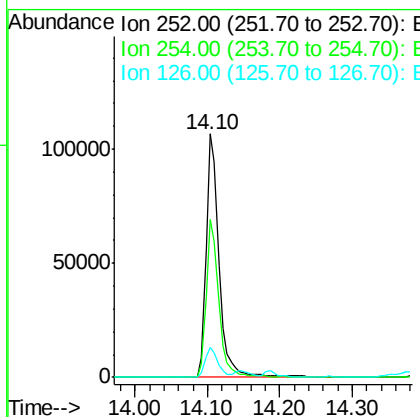
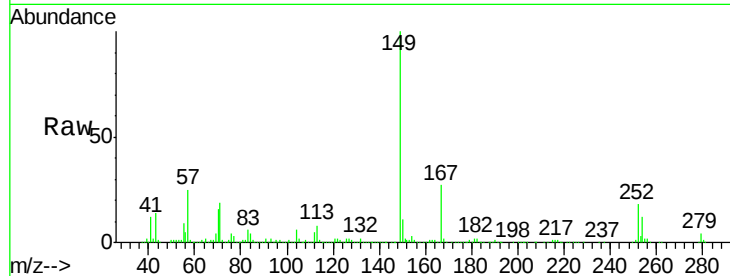




#81
 3,3'-Dichlorobenzidine
 Concen: 16.983 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.00 min
 Lab File: BF104045.D
 Acq: 29 Mar 2018 12:44

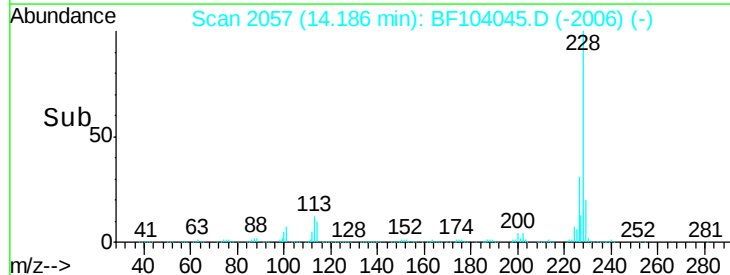
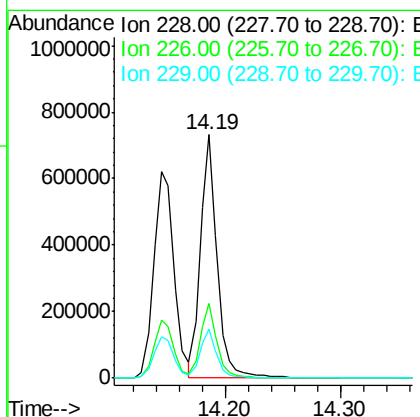
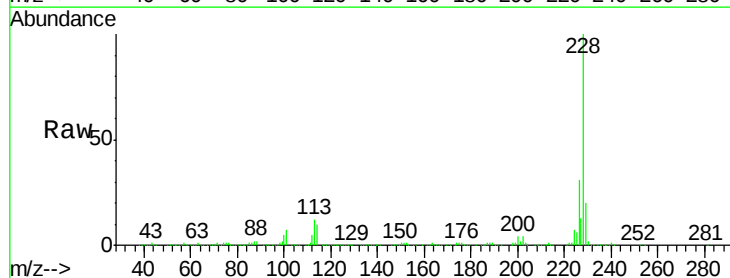
Instrument :
 BNA_F
 ClientSampleId :

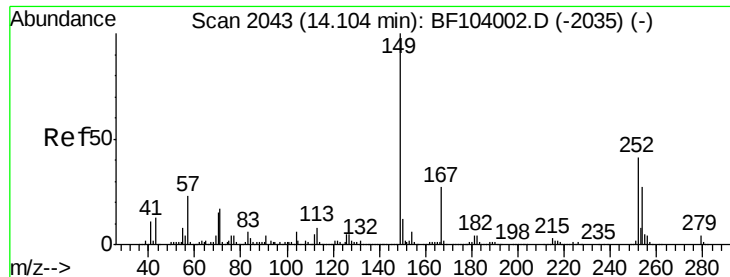
Tot Ion:252 Resp: 132876
 Ion Ratio Lower Upper
 252 100
 254 64.6 50.4 75.6
 126 12.5 11.3 16.9



#82
 Chrysene
 Concen: 32.141 ng
 RT: 14.19 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: BF104045.D
 Acq: 29 Mar 2018 12:44

Tgt Ion:228 Resp: 744111
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.0 37.6
 229 20.0 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 32.691 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BF104045.D

Acq: 29 Mar 2018 12:44

Instrument :

BNA_F

ClientSampleId :

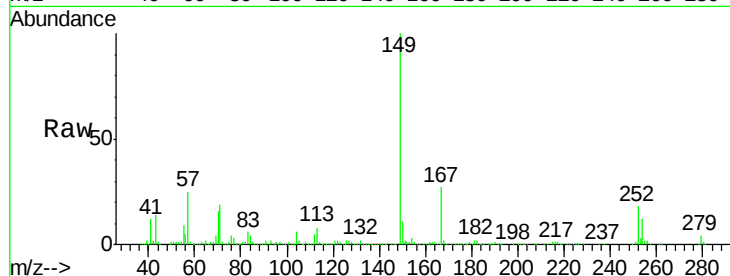
Tot Ion:149 Resp: 540396

Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

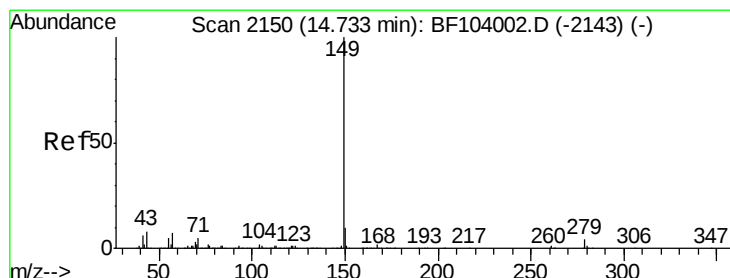
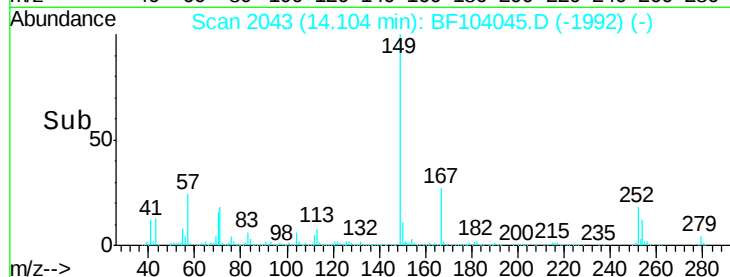
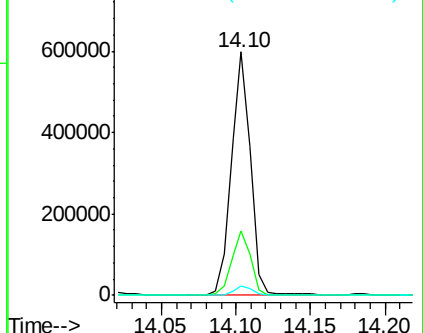
279 3.7 3.0 4.4



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: 32.821 ng

RT: 14.73 min Scan# 2150

Delta R.T. -0.00 min

Lab File: BF104045.D

Acq: 29 Mar 2018 12:44

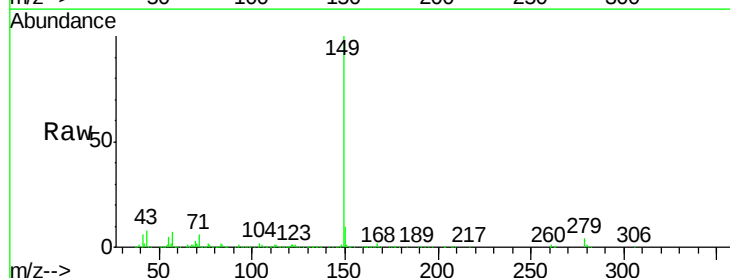
Tgt Ion:149 Resp: 933278

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

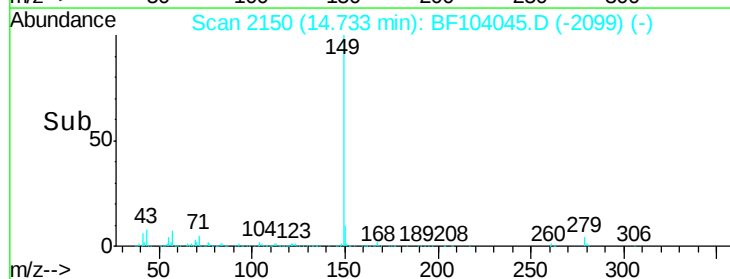
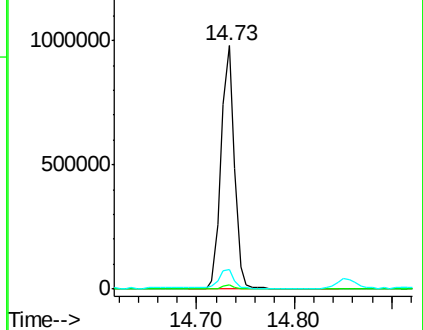
43 8.7 8.4 12.6

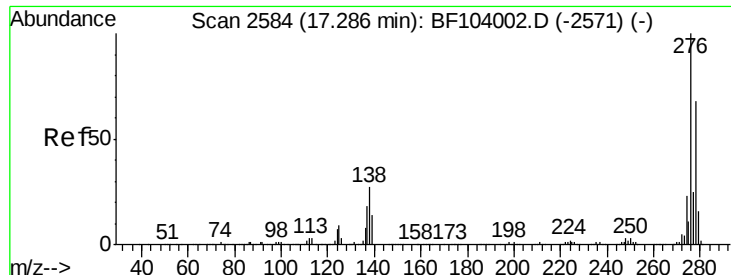


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

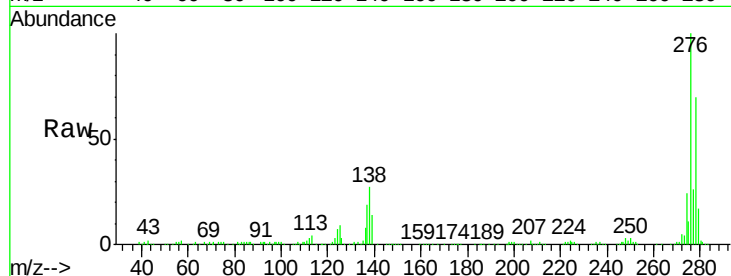




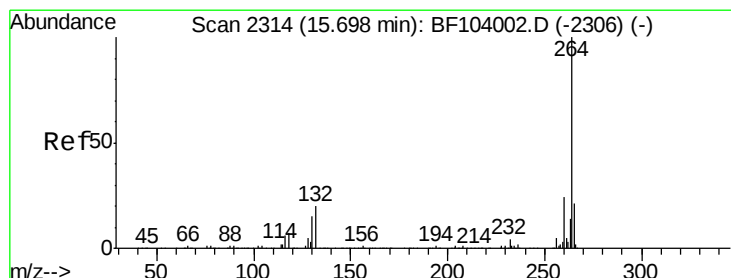
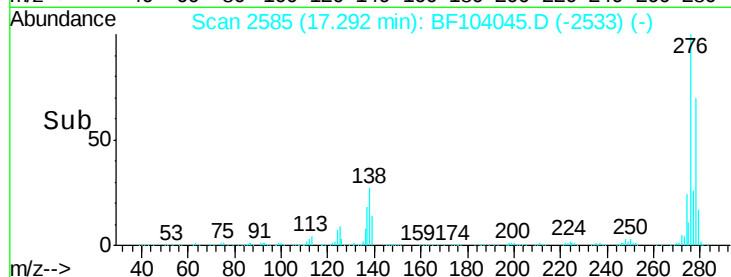
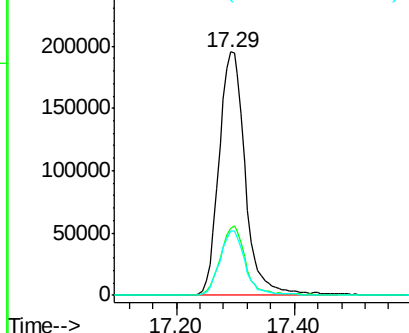
#85
Indeno(1,2,3-cd)pyrene
Concen: 25.227 ng
RT: 17.29 min Scan# 2585
Delta R.T. 0.01 min
Lab File: BF104045.D
Acq: 29 Mar 2018 12:44

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.4	25.0	37.6
277	25.8	20.1	30.1

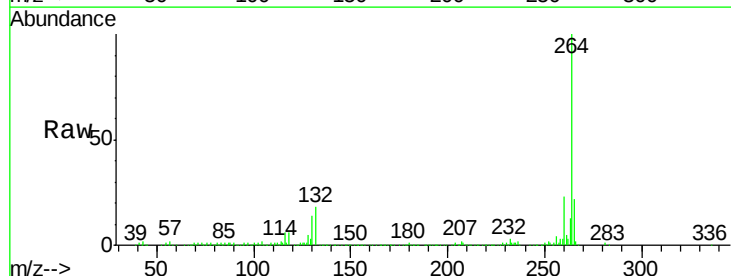


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

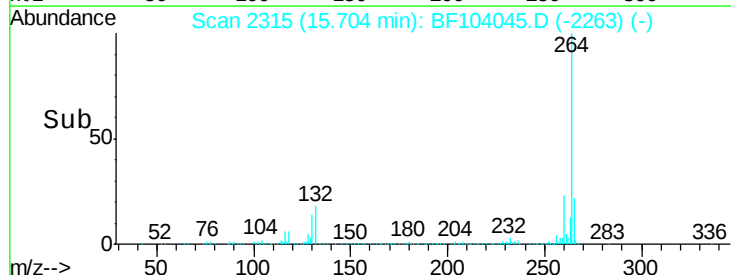
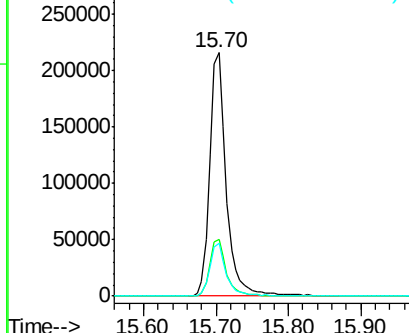


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2315
Delta R.T. 0.01 min
Lab File: BF104045.D
Acq: 29 Mar 2018 12:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.8	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

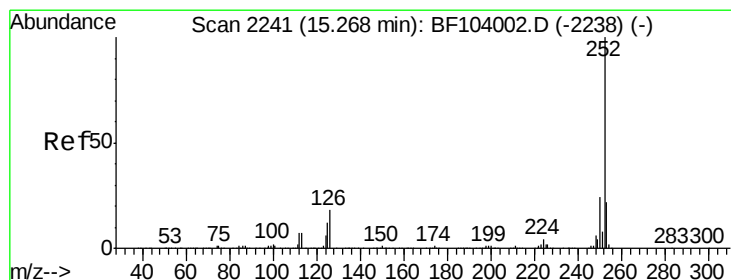
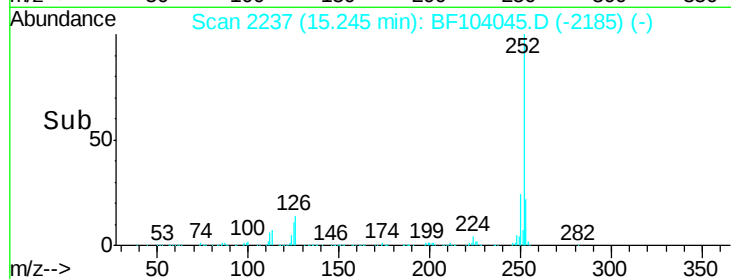
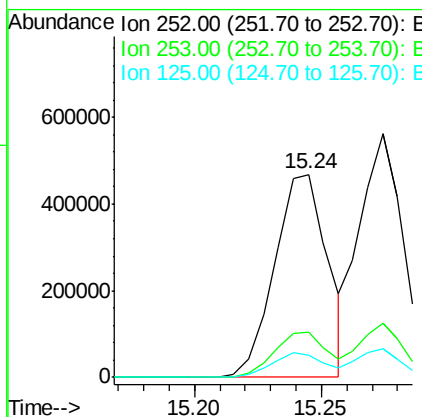
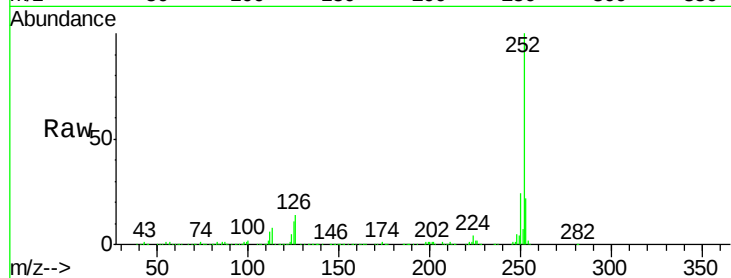




#87
Benzo(b)fluoranthene
Concen: 32.494 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF104045.D
Acq: 29 Mar 2018 12:44

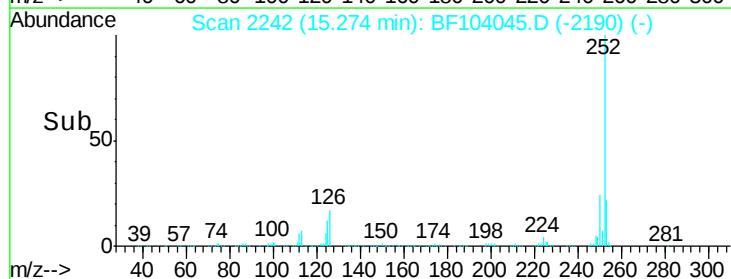
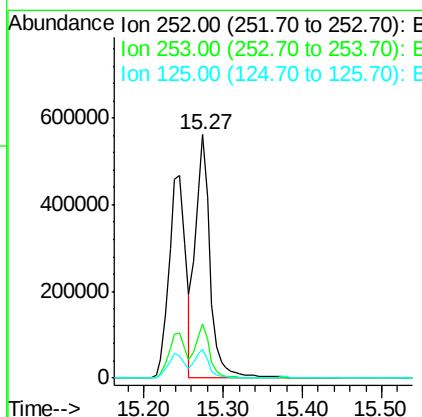
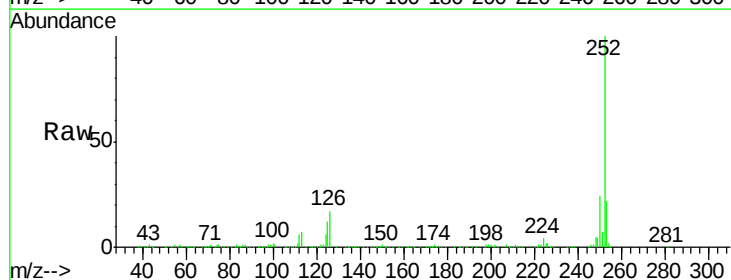
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 679008
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 11.0 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 37.048 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF104045.D
Acq: 29 Mar 2018 12:44

Tgt Ion:252 Resp: 729280
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 11.7 10.2 15.2

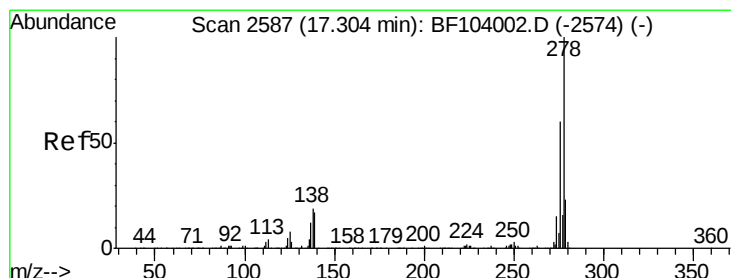
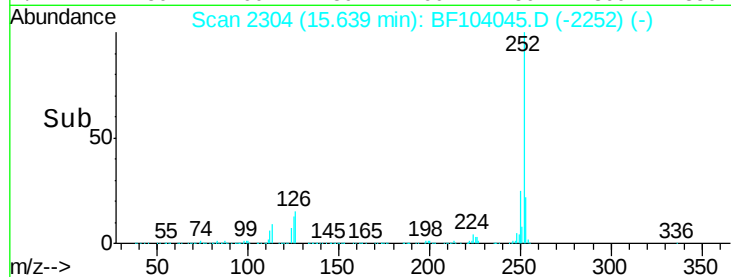
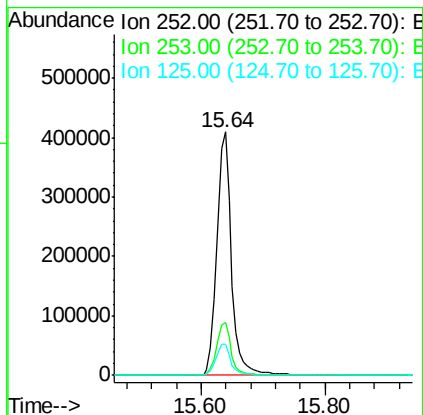
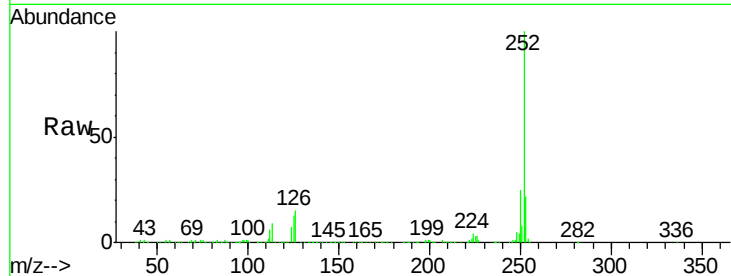




#89
Benzo(a)pyrene
Concen: 34.470 ng
RT: 15.64 min Scan# 2304
Delta R.T. 0.01 min
Lab File: BF104045.D
Acq: 29 Mar 2018 12:44

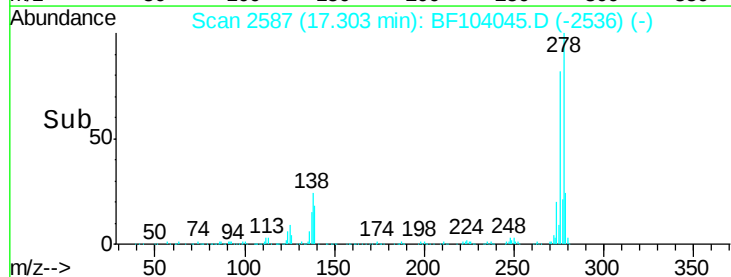
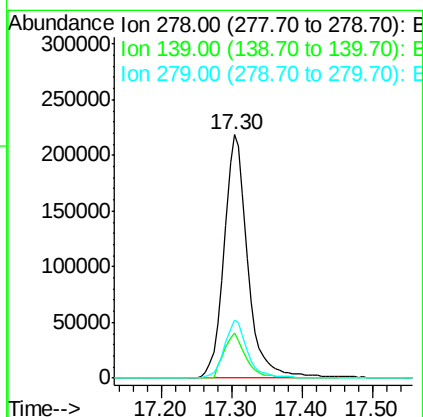
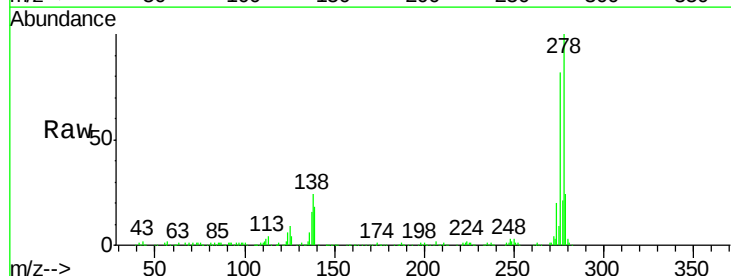
Instrument :
BNA_F
ClientSampleId :

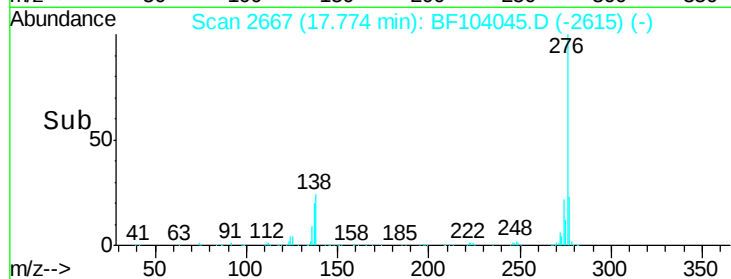
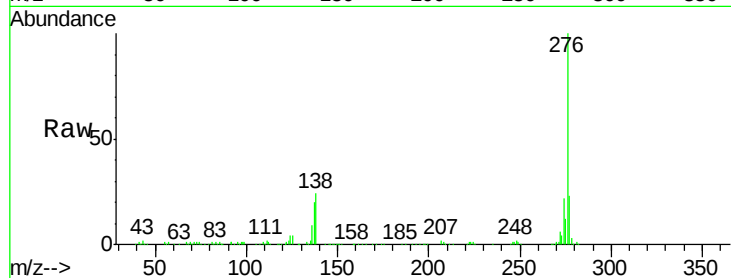
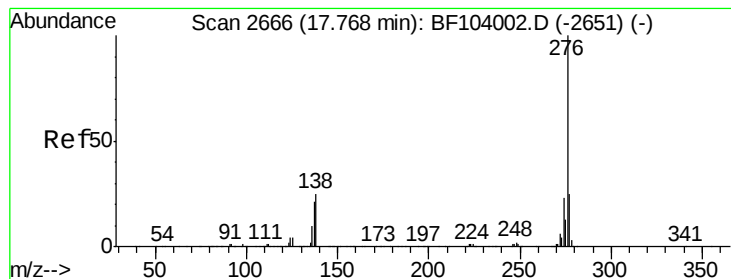
Tot Ion:252 Resp: 667506
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 12.7 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 28.401 ng
RT: 17.30 min Scan# 2587
Delta R.T. -0.00 min
Lab File: BF104045.D
Acq: 29 Mar 2018 12:44

Tgt Ion:278 Resp: 508484
Ion Ratio Lower Upper
278 100
139 18.5 15.9 23.9
279 23.7 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 26.981 ng

RT: 17.77 min Scan# 2667

Delta R.T. 0.01 min

Lab File: BF104045.D

Acq: 29 Mar 2018 12:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 483855

Ion Ratio Lower Upper

276 100

277 23.3 17.9 26.9

138 24.1 21.8 32.8

