

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
 Data File : BF104191.D
 Acq On : 3 Apr 2018 20:38
 Operator : JU/SJ
 Sample : J2182-22MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 04 01:14:01 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 15:22:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	114308	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	485496	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	242619	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	462855	20.00	ng	0.00
75) Chrysene-d12	14.16	240	339187	20.00	ng	0.00
86) Perylene-d12	15.69	264	275916	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	802964	112.02	ng	0.01
7) Phenol-d6	6.60	99	985774	111.78	ng	0.00
23) Nitrobenzene-d5	7.53	82	613097	77.23	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	305010	112.90	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1134670	73.75	ng	0.00
78) Terphenyl-d14	13.08	244	1238593	84.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.84	88	92007	29.762	ng	# 83
3) Pyridine	3.65	79	207912	26.566	ng	88
4) n-Nitrosodimethylamine	3.61	42	57860	24.873	ng	80
6) Aniline	6.63	93	216679	20.525	ng	# 80
8) 2-Chlorophenol	6.75	128	309674	39.385	ng	95
9) Benzaldehyde	6.52	77	69375	12.113	ng	92
10) Phenol	6.62	94	409554	41.916	ng	97
11) bis(2-Chloroethyl)ether	6.70	93	238142	28.284	ng	90
12) 1,3-Dichlorobenzene	6.90	146	299726	33.912	ng	96
13) 1,4-Dichlorobenzene	6.97	146	341835	36.095	ng	99
14) 1,2-Dichlorobenzene	7.13	146	300338	35.283	ng	99
15) Benzyl Alcohol	7.10	79	216292	37.723	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	329388	35.909	ng	62
17) 2-Methylphenol	7.22	107	239583	37.438	ng	# 86
18) Hexachloroethane	7.46	117	111559	35.183	ng	98
19) n-Nitroso-di-n-propylamine	7.37	70	197213	37.683	ng	89
20) 3+4-Methylphenols	7.37	107	321353	39.347	ng	# 61
22) Acetophenone	7.37	105	424862	36.169	ng	# 98
24) Nitrobenzene	7.55	77	283379	33.926	ng	98
25) Isophorone	7.77	82	560468	38.309	ng	99
26) 2-Nitrophenol	7.86	139	170435	39.090	ng	# 89
27) 2,4-Dimethylphenol	7.89	122	262386	41.727	ng	100
28) bis(2-Chloroethoxy)methane	7.98	93	364807	39.785	ng	99
29) 2,4-Dichlorophenol	8.10	162	261500	39.814	ng	98
30) 1,2,4-Trichlorobenzene	8.18	180	265890	35.679	ng	98
31) Naphthalene	8.26	128	915441	38.597	ng	99
32) Benzoic acid	8.00	122	36856	8.001	ng	# 75
33) 4-Chloroaniline	8.33	127	109430	10.944	ng	93
34) Hexachlorobutadiene	8.37	225	139306	34.352	ng	99
35) Caprolactam	8.69	113	48320	23.202	ng	# 71
36) 4-Chloro-3-methylphenol	8.80	107	286307	41.212	ng	97
37) 2-Methylnaphthalene	8.96	142	574597	36.778	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	262939	35.341	ng	99
40) Hexachlorocyclopentadiene	9.10	237	134891	41.311	ng	98

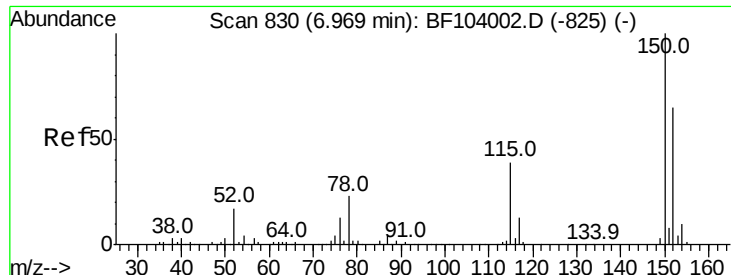
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
 Data File : BF104191.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 15:22:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	168792	35.828	nq	98
43) 2,4,5-Trichlorophenol	9.29	196	196430	34.532	nq	94
45) 1,1'-Biphenyl	9.42	154	723326	34.736	nq	99
46) 2-Chloronaphthalene	9.45	162	570957	34.760	nq	97
47) 2-Nitroaniline	9.55	65	167163	35.690	nq	94
48) Acenaphthylene	9.86	152	841560	33.819	nq	100
49) Dimethylphthalate	9.72	163	820290	42.823	nq	99
50) 2,6-Dinitrotoluene	9.79	165	149720	36.330	nq	86
51) Acenaphthene	10.03	154	480716	33.394	nq	99
52) 3-Nitroaniline	9.97	138	95398	20.137	nq	95
53) 2,4-Dinitrophenol	10.08	184	57595	35.355	nq #	33
54) Dibenzofuran	10.21	168	744870	35.434	nq	97
55) 4-Nitrophenol	10.15	139	176502	62.136	nq	96
56) 2,4-Dinitrotoluene	10.20	165	196706	37.406	nq #	98
57) Fluorene	10.56	166	613077	35.355	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	165108	38.742	nq #	87
59) Diethylphthalate	10.42	149	651488	35.502	nq	97
60) 4-Chlorophenyl-phenylether	10.54	204	286382	35.958	nq	97
61) 4-Nitroaniline	10.60	138	152728	34.454	nq	92
62) Azobenzene	10.70	77	581426	35.040	nq	90
64) 4,6-Dinitro-2-methylphenol	10.62	198	74545	26.606	nq #	76
65) n-Nitrosodiphenylamine	10.66	169	555214	35.420	nq	99
66) 4-Bromophenyl-phenylether	11.03	248	171589	34.651	nq #	89
67) Hexachlorobenzene	11.10	284	192014	33.709	nq #	89
68) Atrazine	11.19	200	181982	37.895	nq	97
69) Pentachlorophenol	11.30	266	171464	54.702	nq	98
70) Phenanthrene	11.52	178	858040	34.240	nq	99
71) Anthracene	11.57	178	989019	37.784	nq	98
72) Carbazole	11.73	167	912212	36.514	nq	99
73) Di-n-butylphthalate	12.04	149	1030441	34.627	nq	99
74) Fluoranthene	12.72	202	936739	35.167	nq	99
76) Benzidine	12.84	184	322949	33.411	nq	97
77) Pyrene	12.95	202	918566	37.673	nq	99
79) Butylbenzylphthalate	13.54	149	430555	37.481	nq	98
80) Benzo(a)anthracene	14.14	228	725502	34.184	nq	99
81) 3,3'-Dichlorobenzidine	14.10	252	180480	25.691	nq	95
82) Chrysene	14.18	228	775485	37.305	nq	99
83) Bis(2-ethylhexyl)phthalate	14.09	149	572133	38.547	nq	100
84) Di-n-octyl phthalate	14.72	149	952258	37.297	nq #	93
85) Indeno(1,2,3-cd)pyrene	17.29	276	599457	27.829	nq	96
87) Benzo(b)fluoranthene	15.23	252	556336	33.131	nq	98
88) Benzo(k)fluoranthene	15.26	252	681367	43.075	nq	99
89) Benzo(a)pyrene	15.63	252	571854	36.749	nq	100
90) Dibenzo(a,h)anthracene	17.30	278	497198	34.558	nq	96
91) Benzo(g,h,i)perylene	17.77	276	493116	34.219	nq	95

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

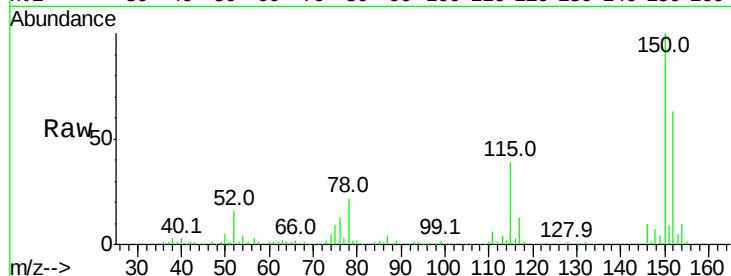


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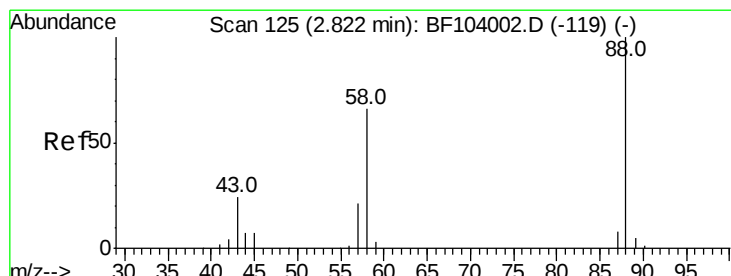
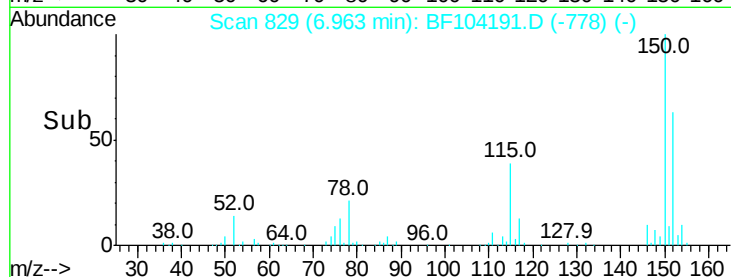
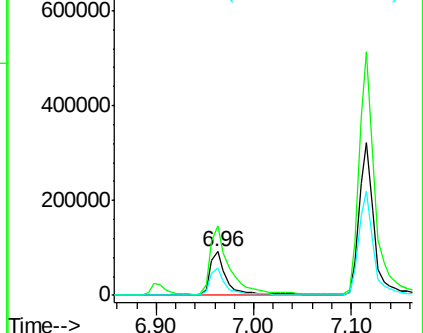
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF104191.D
Acq: 3 Apr 2018 20:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 114308
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 61.5 50.1 75.1



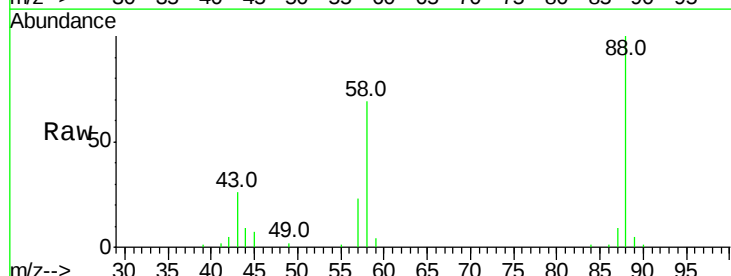
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



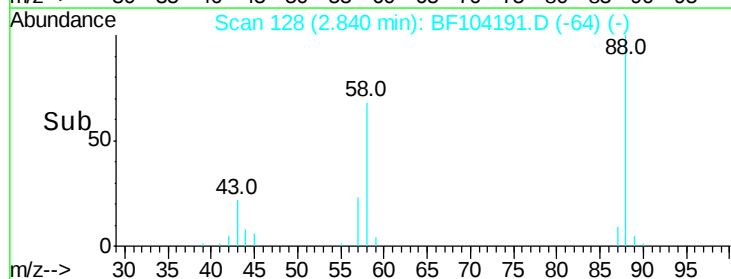
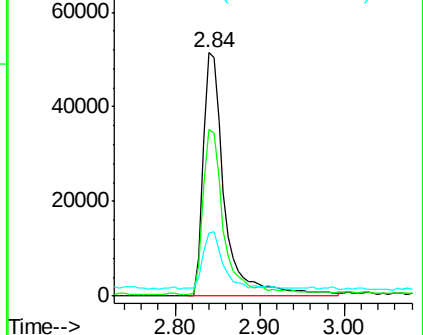
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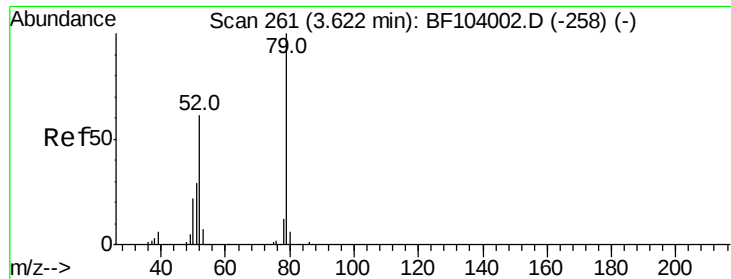
1,4-Dioxane
Concen: 29.762 ng
RT: 2.84 min Scan# 128
Delta R.T. 0.08 min
Lab File: BF104191.D
Acq: 3 Apr 2018 20:38

Tgt Ion: 88 Resp: 92007
Ion Ratio Lower Upper
88 100
58 63.2 62.6 93.8
43 21.6 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1

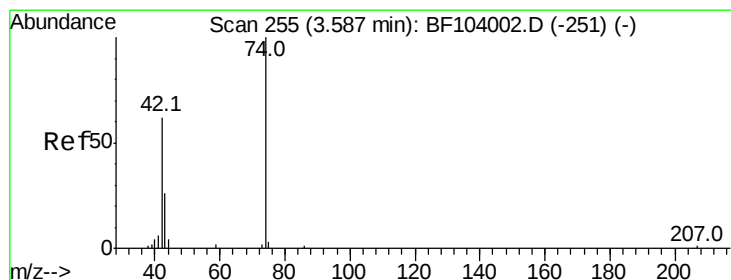
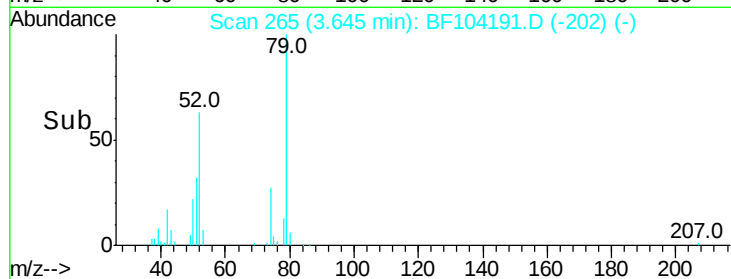
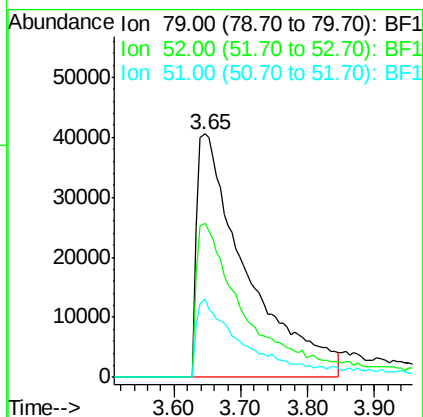
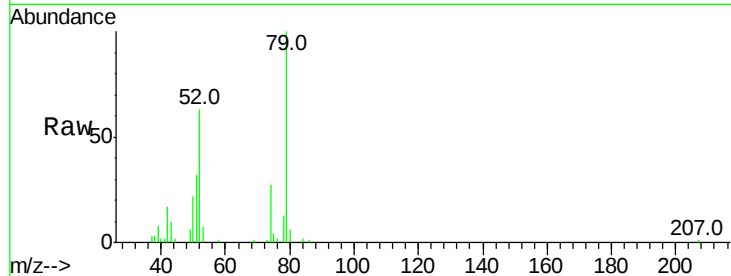




#3
 Pvridine
 Concen: 26.566 ng
 RT: 3.65 min Scan# 265
 Delta R.T. 0.07 min
 Lab File: BF104191.D
 Acq: 3 Apr 2018 20:38

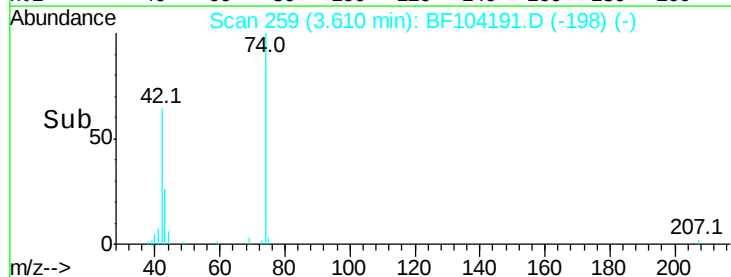
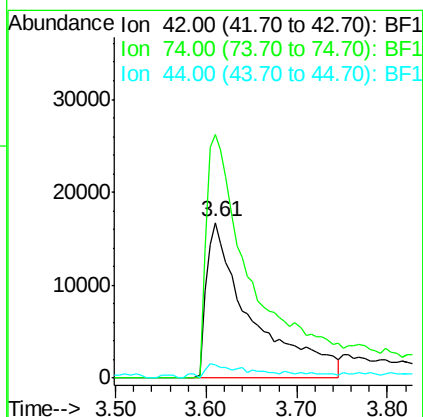
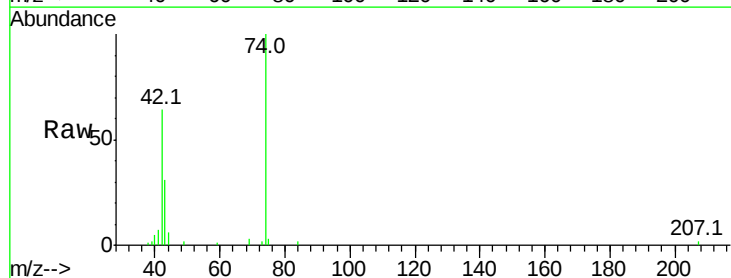
Instrument :
 BNA_F
 ClientSampleId :

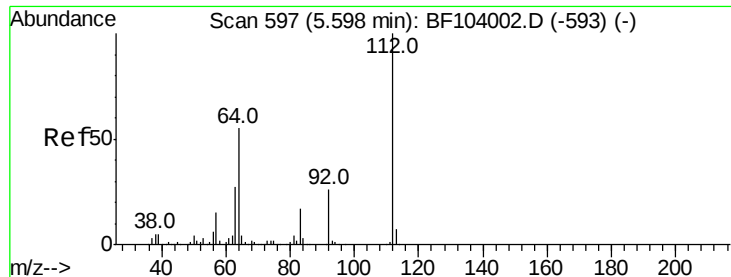
Tot Ion: 79 Resp: 207912
 Ion Ratio Lower Upper
 79 100
 52 63.1 59.8 89.6
 51 32.2 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 24.873 ng
 RT: 3.61 min Scan# 259
 Delta R.T. 0.06 min
 Lab File: BF104191.D
 Acq: 3 Apr 2018 20:38

Tgt Ion: 42 Resp: 57860
 Ion Ratio Lower Upper
 42 100
 74 156.2 104.9 157.3
 44 8.6 6.9 10.3





#5

2-Fluorophenol

Concen: 112.024 ng

RT: 5.60 min Scan# 597

Delta R.T. 0.01 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

Instrument :

BNA_F

ClientSampleId :

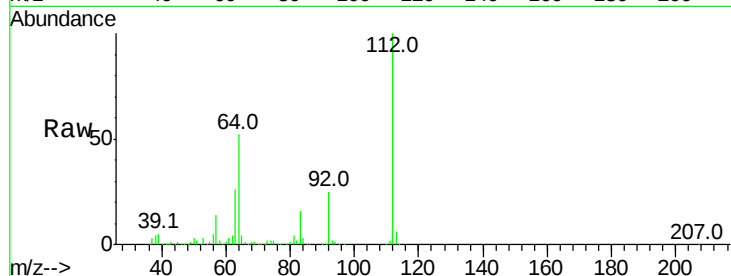
Tot Ion:112 Resp: 802964

Ion Ratio Lower Upper

112 100

64 51.7 47.9 71.9

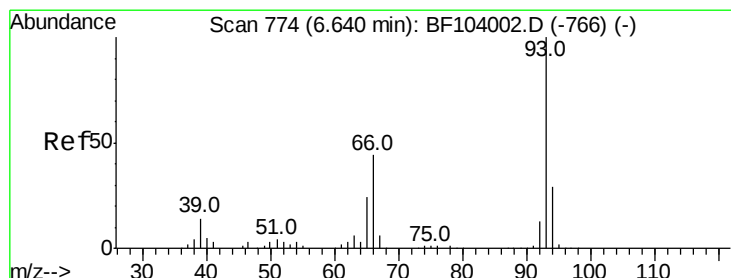
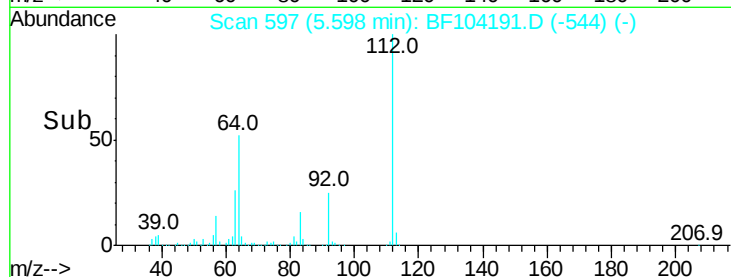
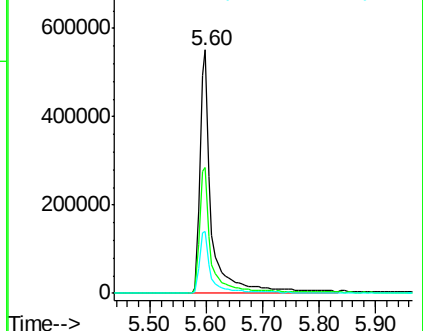
63 25.7 23.7 35.5



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: 20.525 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.01 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

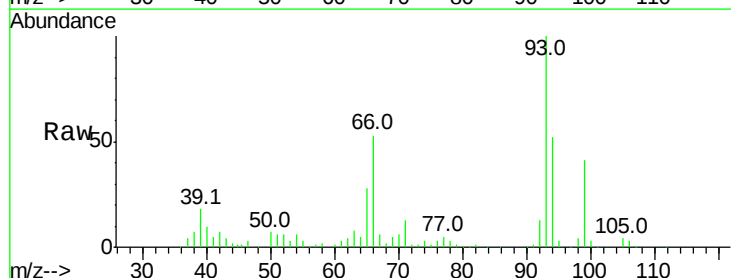
Tgt Ion: 93 Resp: 216679

Ion Ratio Lower Upper

93 100

66 53.4 32.2 48.2#

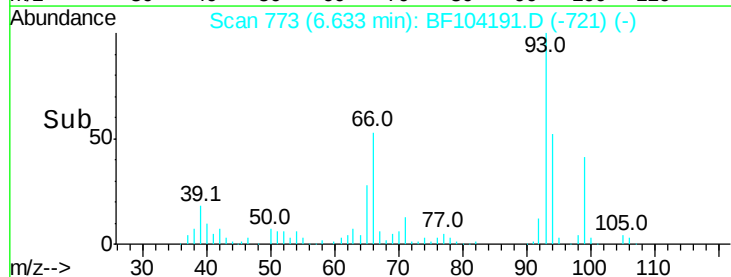
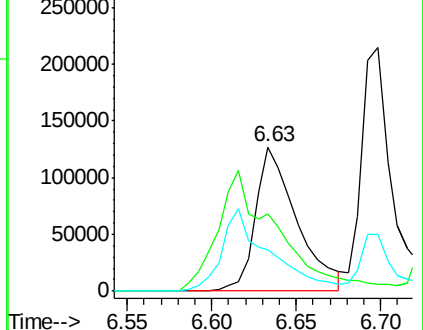
65 28.4 16.4 24.6#

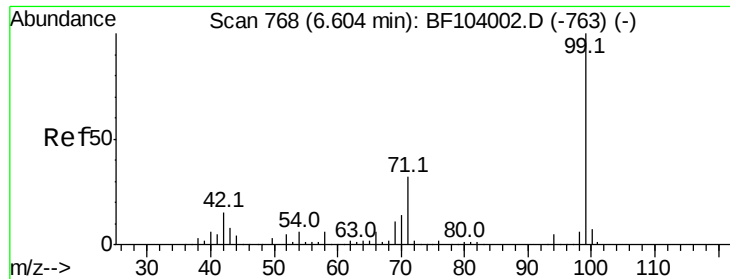


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 111.784 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

Instrument :
BNA_F
ClientSampleId :

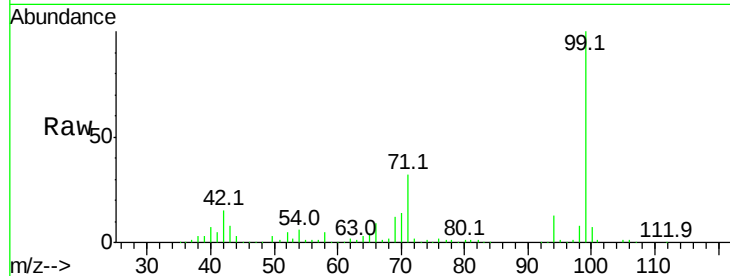
Tot Ion: 99 Resp: 985774

Ion Ratio Lower Upper

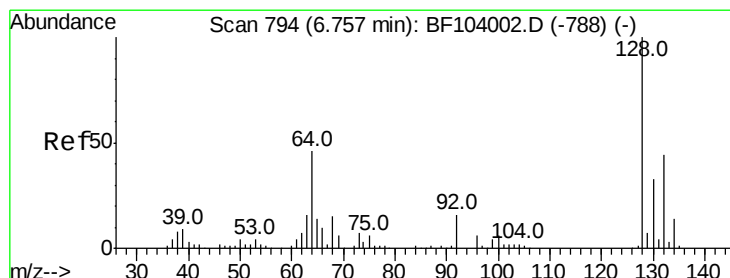
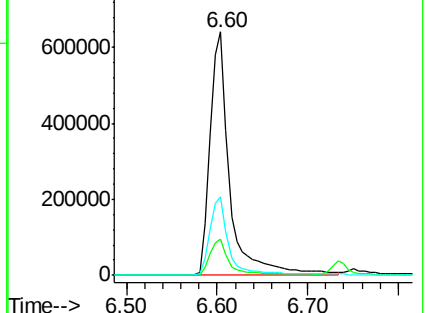
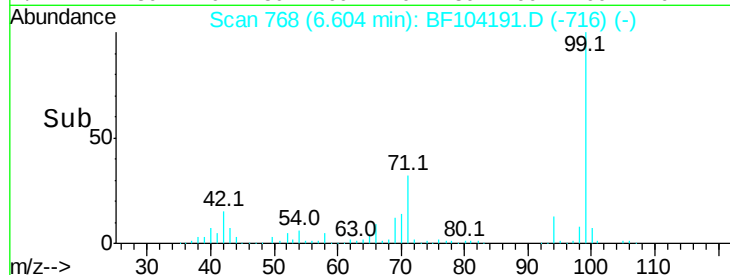
99 100

42 15.0 14.5 21.7

71 32.4 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: 39.385 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.00 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

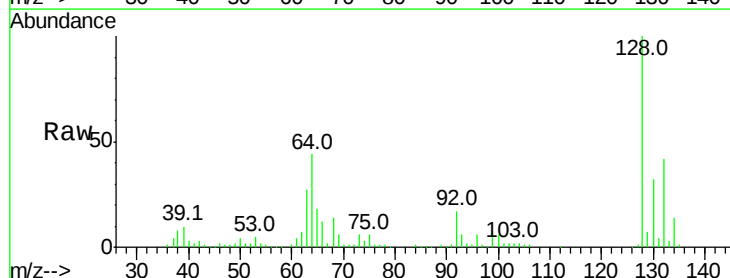
Tgt Ion:128 Resp: 309674

Ion Ratio Lower Upper

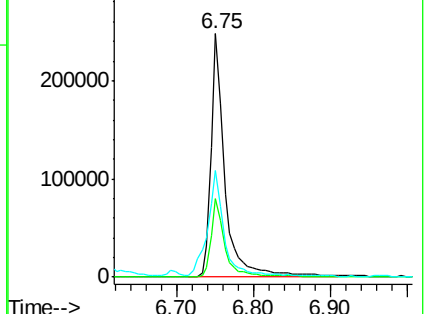
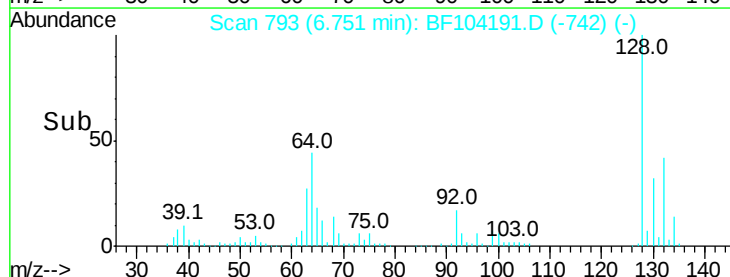
128 100

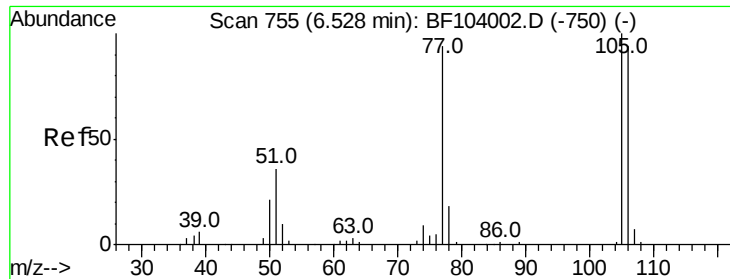
130 32.3 13.0 53.0

64 44.0 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: 12.113 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

Instrument :

BNA_F

ClientSampleId :

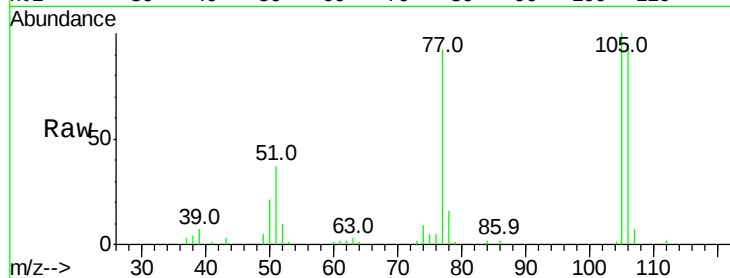
Tot Ion: 77 Resp: 69375

Ion Ratio Lower Upper

77 100

105 108.4 81.1 121.1

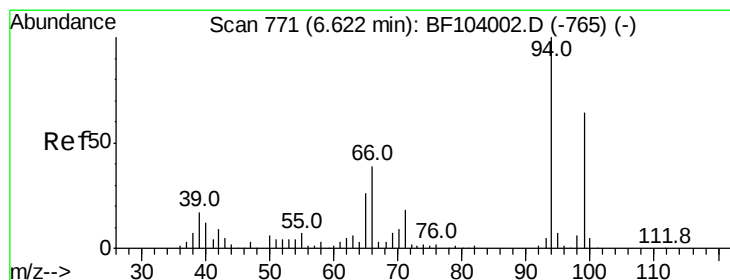
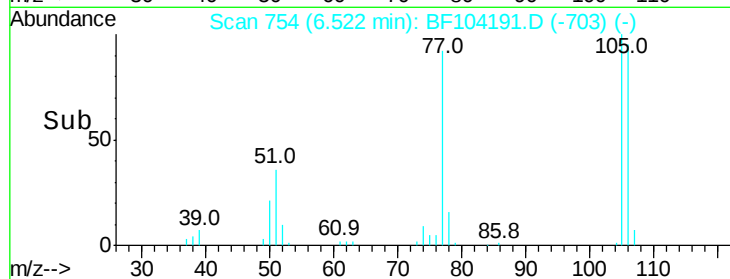
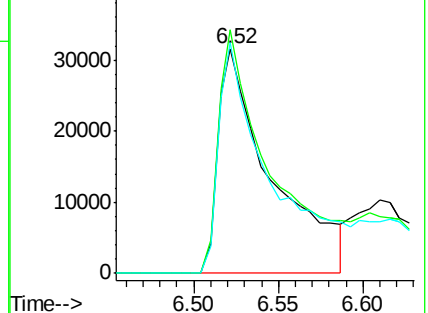
106 102.7 74.5 114.5



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: 41.916 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

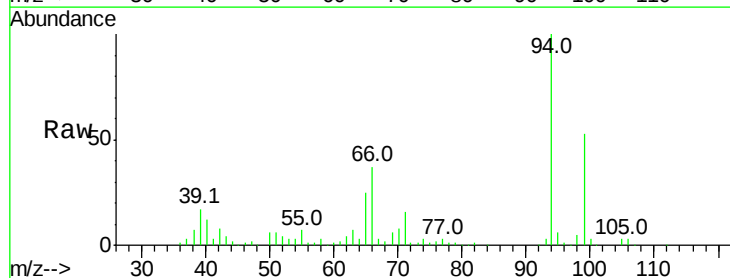
Tgt Ion: 94 Resp: 409554

Ion Ratio Lower Upper

94 100

65 25.0 7.9 47.9

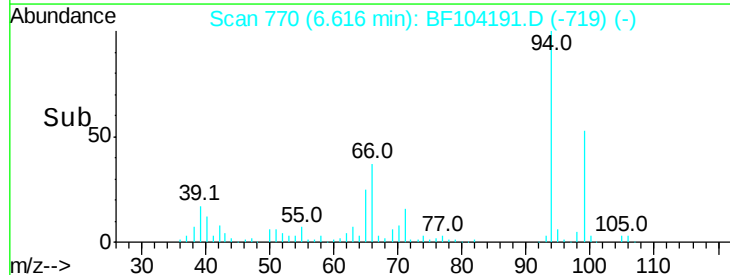
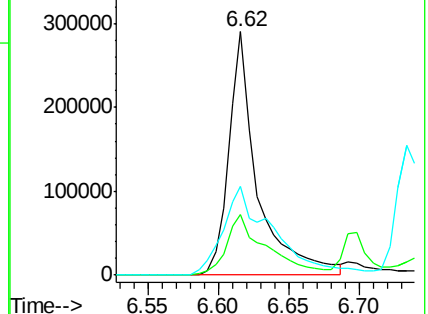
66 36.5 16.2 56.2

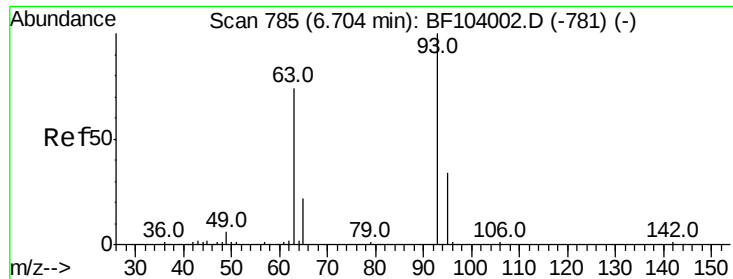


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

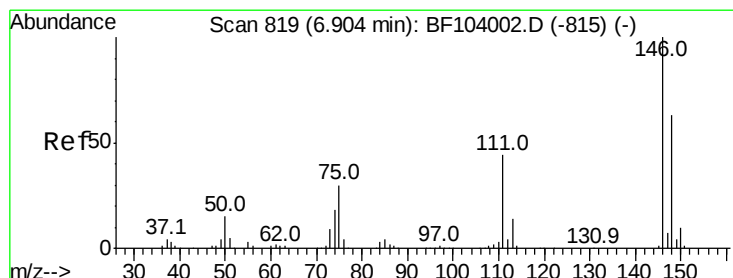
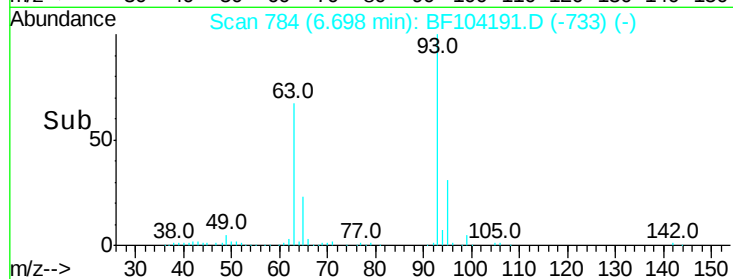
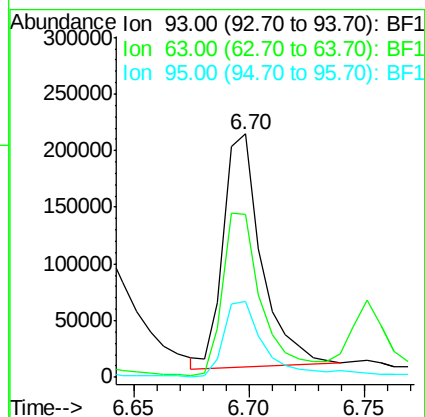
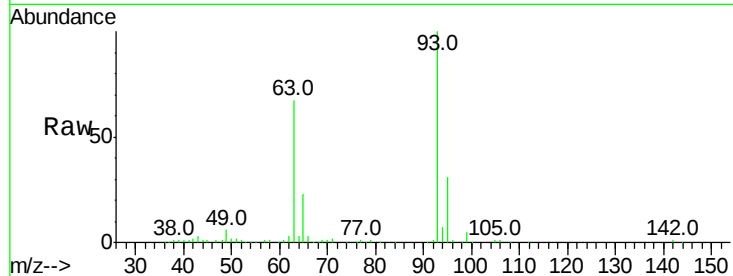




#11
bis(2-Chloroethyl)ether
Concen: 28.284 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF104191.D
Acq: 3 Apr 2018 20:38

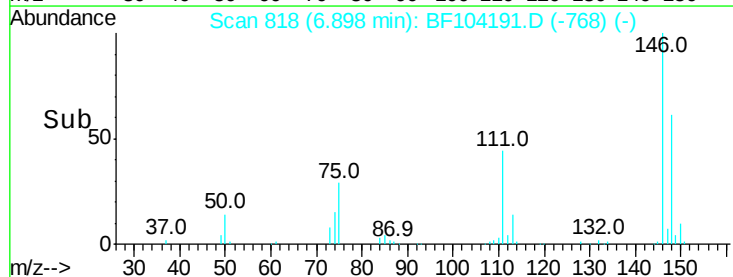
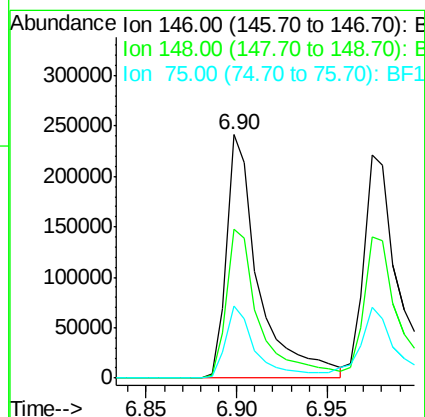
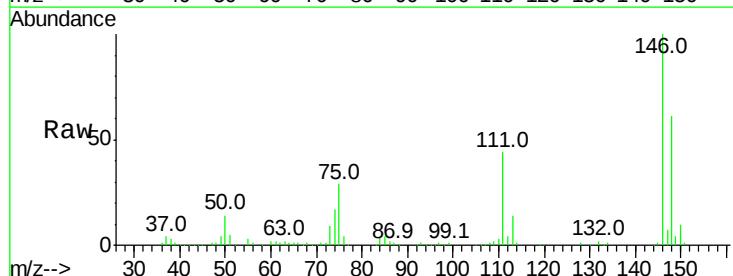
Instrument :
BNA_F
ClientSampleId :

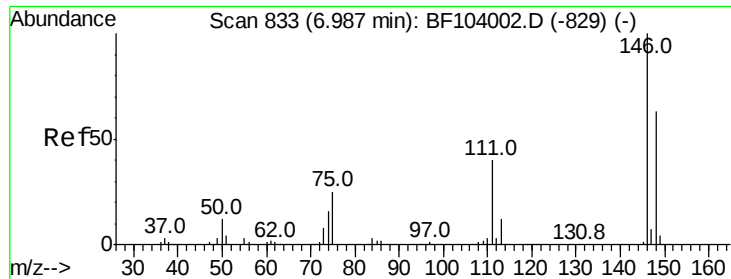
Tot Ion: 93 Resp: 238142
Ion Ratio Lower Upper
93 100
63 67.2 58.6 98.6
95 31.1 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 33.912 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF104191.D
Acq: 3 Apr 2018 20:38

Tgt Ion: 146 Resp: 299726
Ion Ratio Lower Upper
146 100
148 61.3 51.8 77.8
75 29.4 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 36.095 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

Instrument :

BNA_F

ClientSampleId :

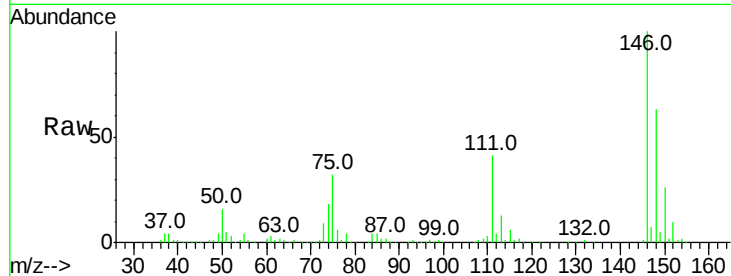
Tot Ion:146 Resp: 341835

Ion Ratio Lower Upper

146 100

148 63.5 50.8 76.2

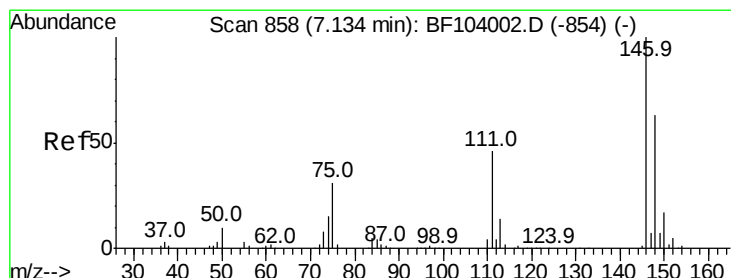
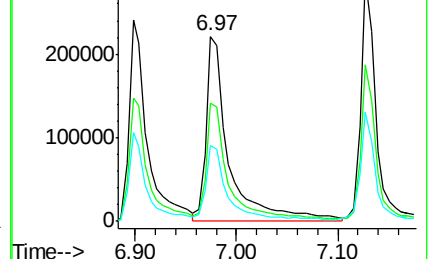
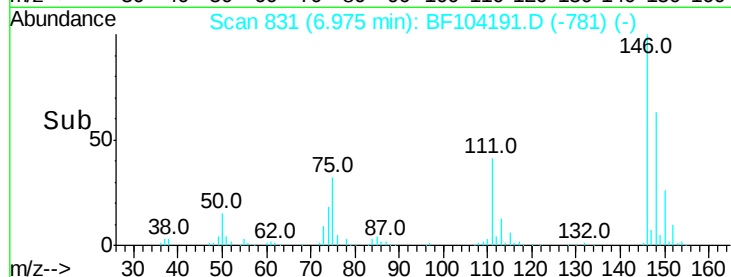
111 41.2 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.283 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

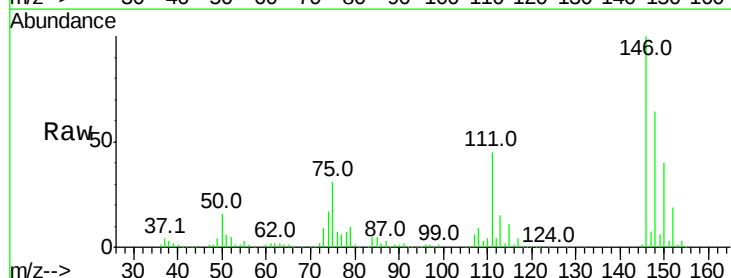
Tgt Ion:146 Resp: 300338

Ion Ratio Lower Upper

146 100

148 64.1 50.6 75.8

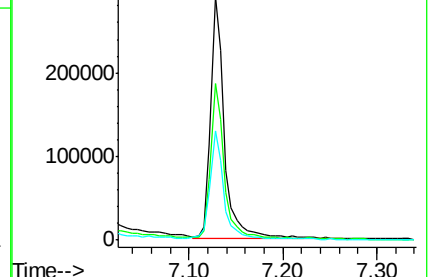
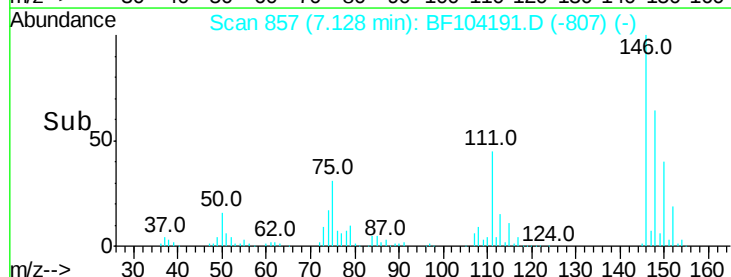
111 45.0 36.0 54.0

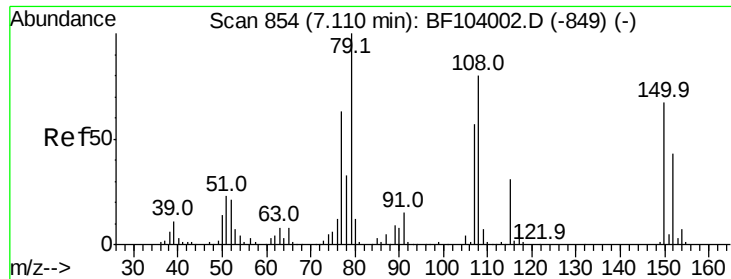


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

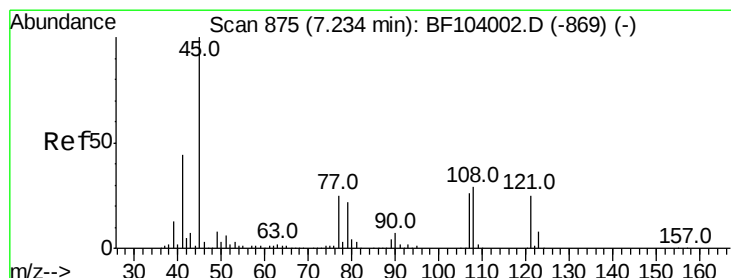
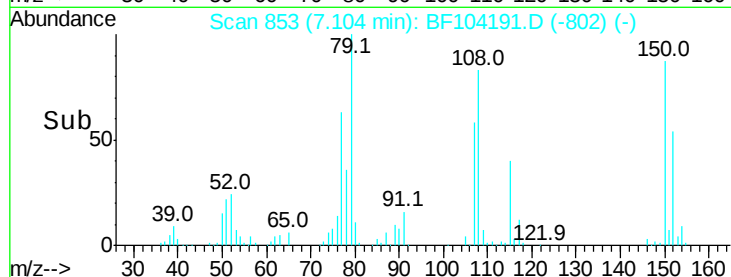
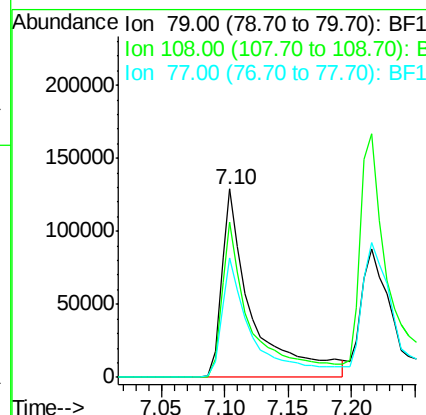
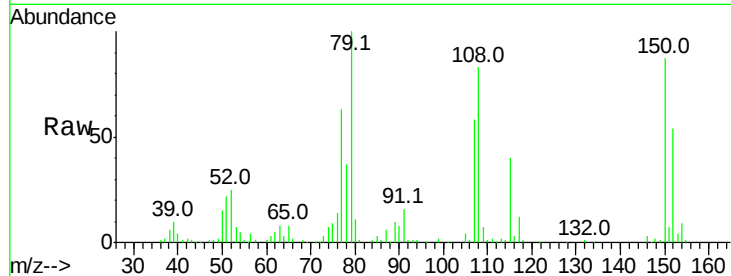




#15
Benzyl Alcohol
Concen: 37.723 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.00 min
Lab File: BF104191.D
Acq: 3 Apr 2018 20:38

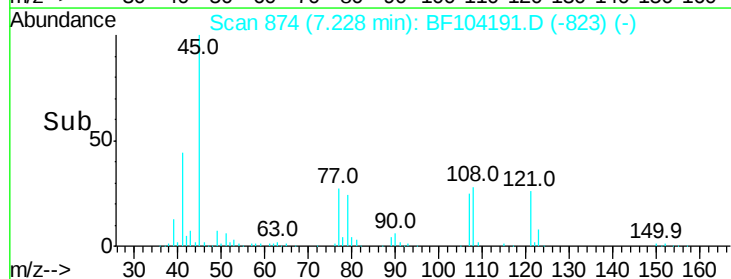
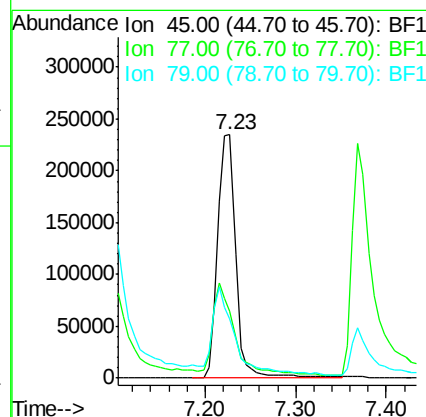
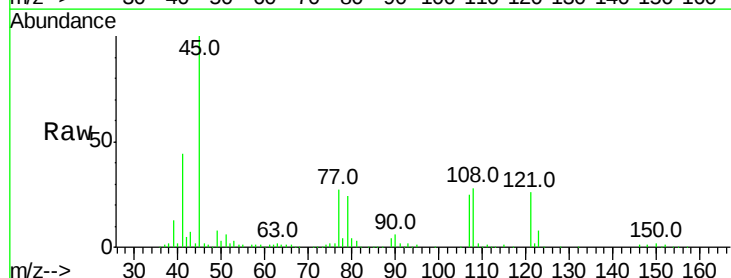
Instrument :
BNA_F
ClientSampleId :

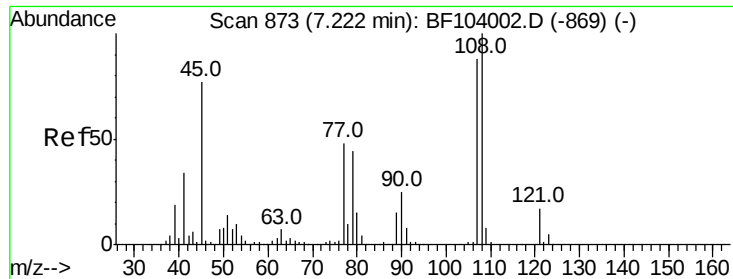
Tot Ion: 79 Resp: 216292
Ion Ratio Lower Upper
79 100
108 82.6 65.1 97.7
77 63.4 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 35.909 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF104191.D
Acq: 3 Apr 2018 20:38

Tgt Ion: 45 Resp: 329388
Ion Ratio Lower Upper
45 100
77 27.3 0.0 32.9
79 24.4 0.0 29.6

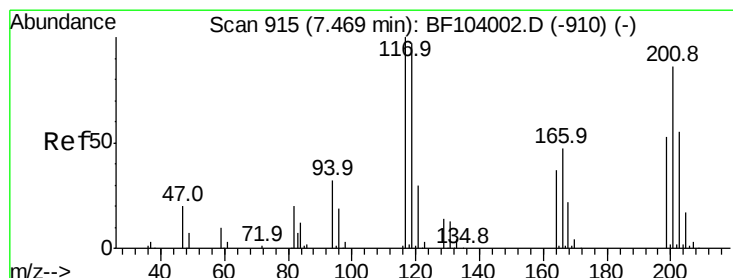
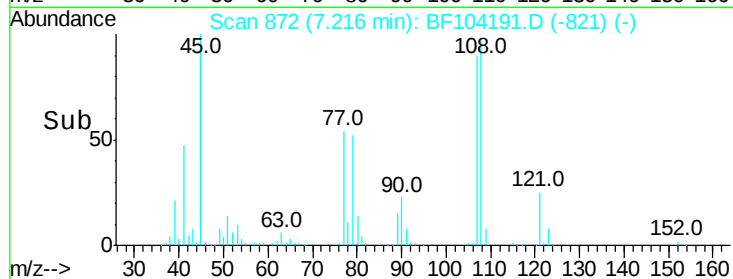
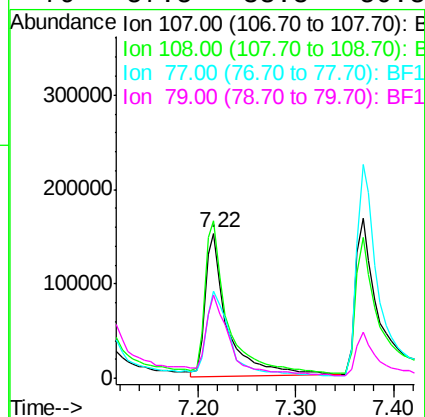
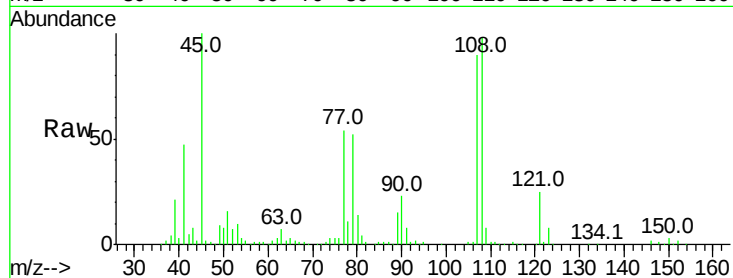




#17
2-Methylphenol
Concen: 37.438 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF104191.D
Acq: 3 Apr 2018 20:38

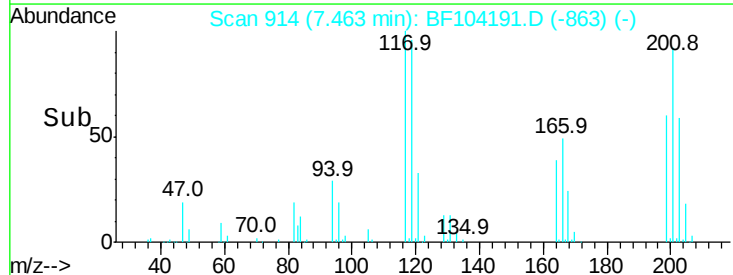
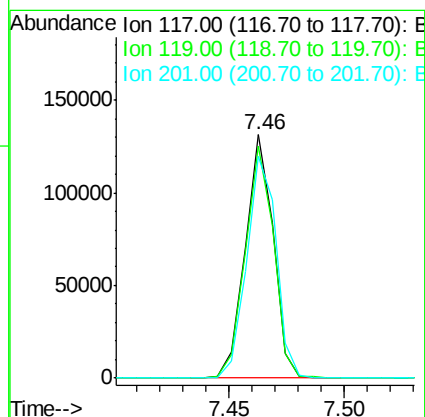
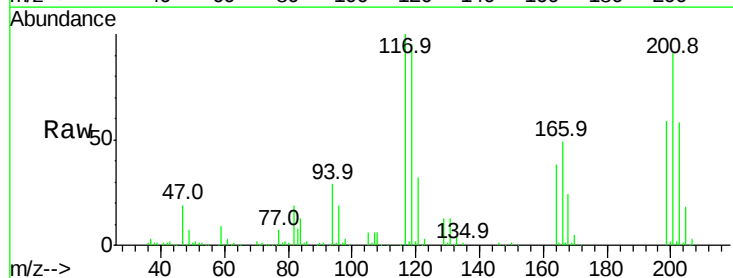
Instrument :
BNA_F
ClientSampleId :

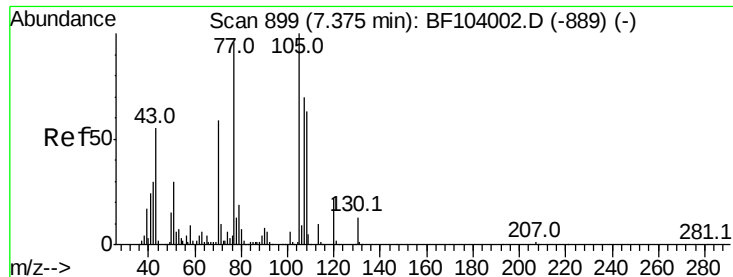
Tot Ion:107 Resp: 239583
Ion Ratio Lower Upper
107 100
108 108.6 91.7 137.5
77 60.0 33.8 50.8#
79 57.5 33.8 50.8#



#18
Hexachloroethane
Concen: 35.183 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.00 min
Lab File: BF104191.D
Acq: 3 Apr 2018 20:38

Tgt Ion:117 Resp: 111559
Ion Ratio Lower Upper
117 100
119 95.1 75.8 113.8
201 91.1 75.7 113.5

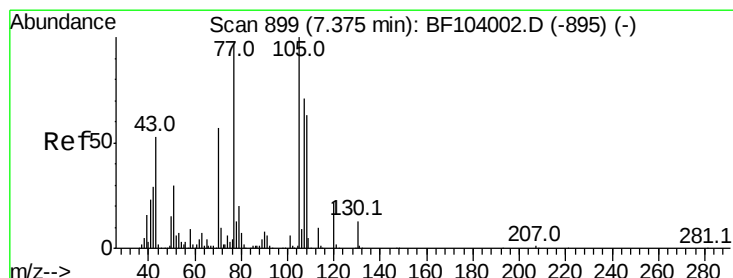
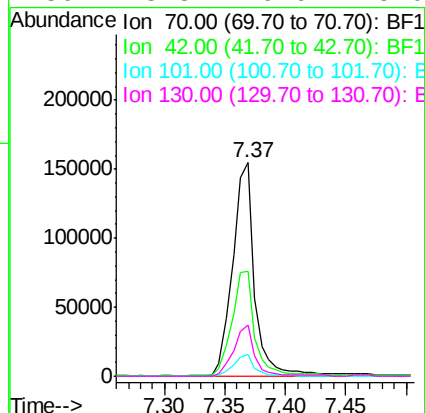
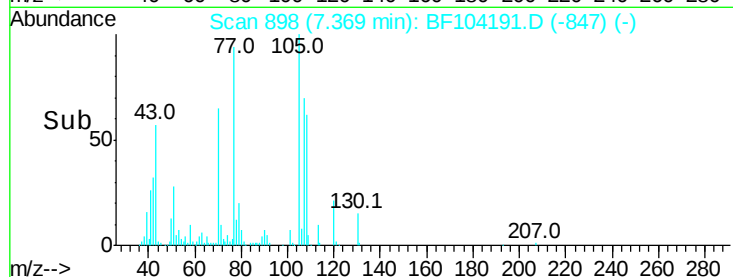
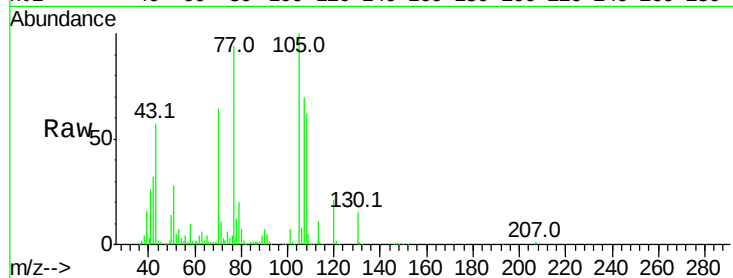




#19
n-Nitroso-di-n-propylamine
Concen: 37.683 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF104191.D
Acq: 3 Apr 2018 20:38

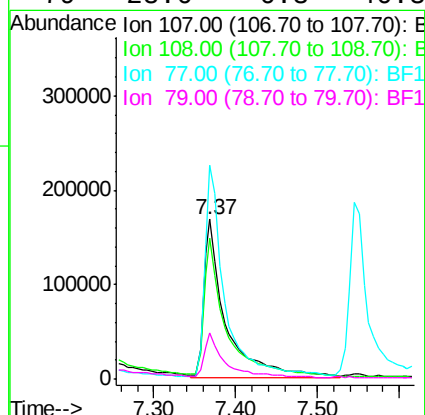
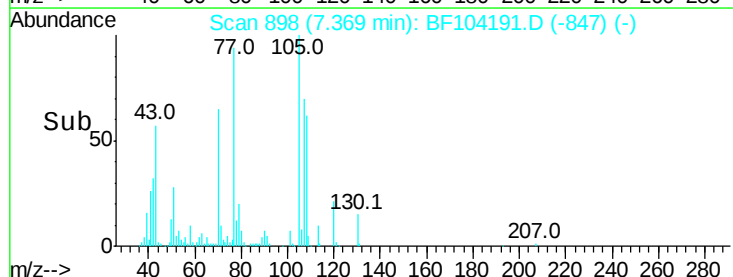
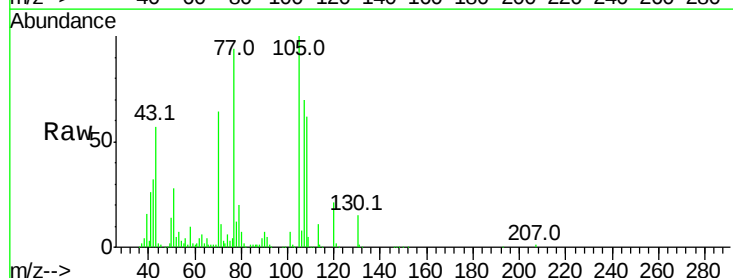
Instrument :
BNA_F
ClientSampleId :

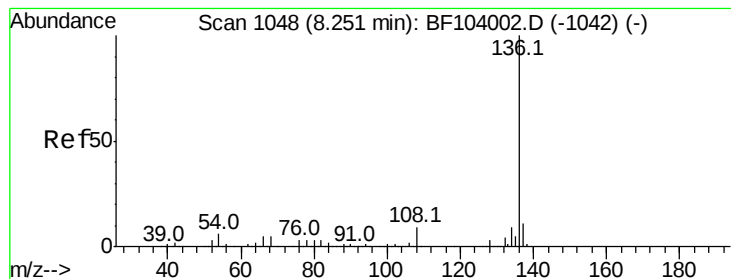
Tot Ion: 70 Resp: 197213
Ion Ratio Lower Upper
70 100
42 49.1 47.5 71.3
101 10.4 7.4 11.2
130 23.8 16.6 25.0



#20
3+4-Methylphenols
Concen: 39.347 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF104191.D
Acq: 3 Apr 2018 20:38

Tgt Ion:107 Resp: 321353
Ion Ratio Lower Upper
107 100
108 88.7 68.2 108.2
77 134.0 26.7 66.7#
79 28.6 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 485496

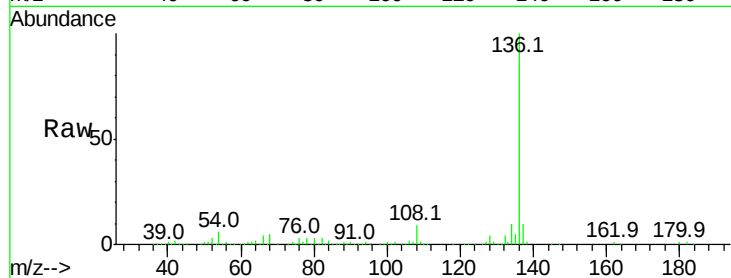
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 6.2 6.6 9.8#

68 5.4 5.0 7.4

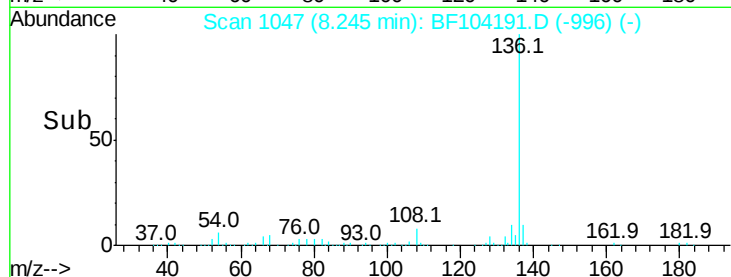


Abundance Ion 136.00 (135.70 to 136.70): E

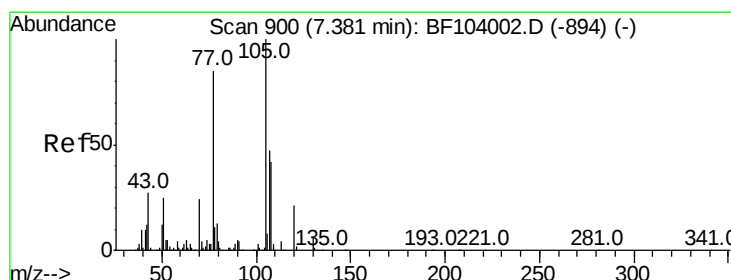
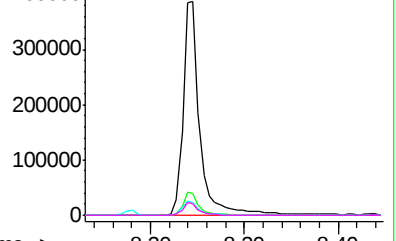
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 36.169 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

Tgt Ion:105 Resp: 424862

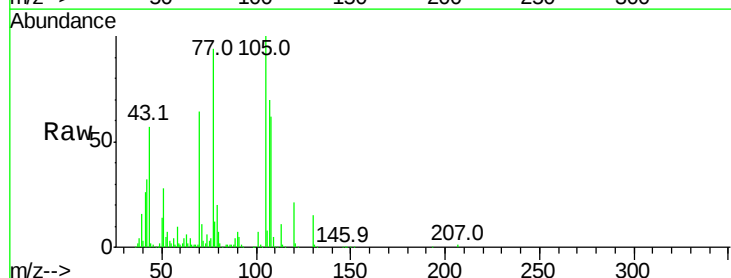
Ion Ratio Lower Upper

105 100

71 10.6 4.4 6.6#

51 28.1 22.3 33.5

120 20.6 16.9 25.3

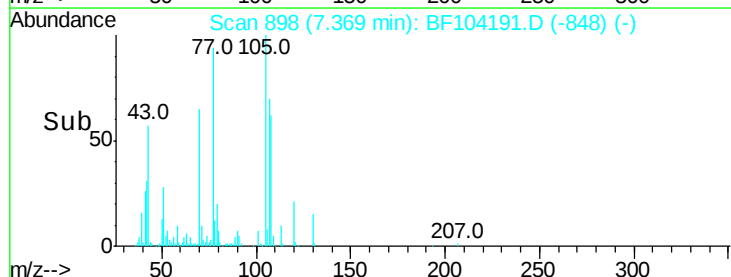


Abundance Ion 105.00 (104.70 to 105.70): E

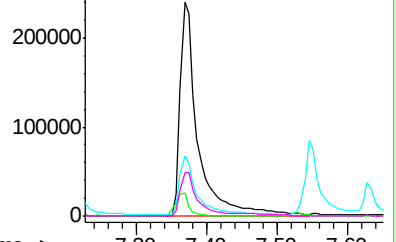
Ion 71.00 (70.70 to 71.70): BF1

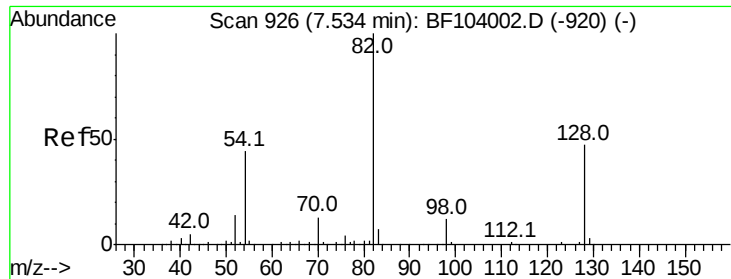
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

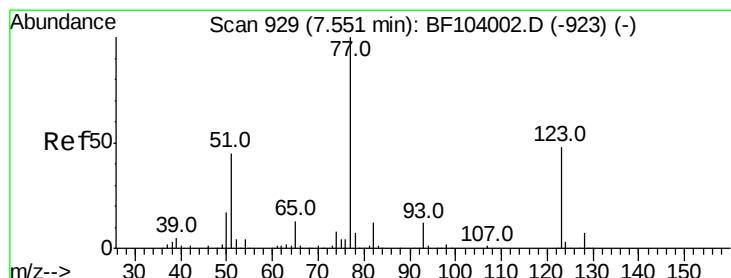
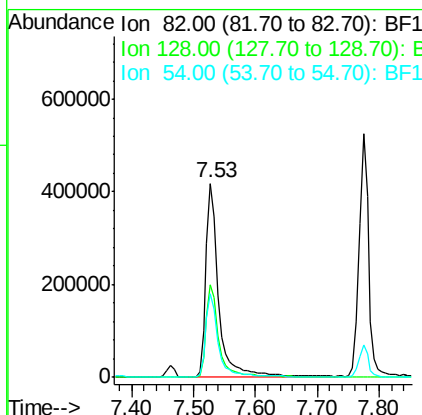
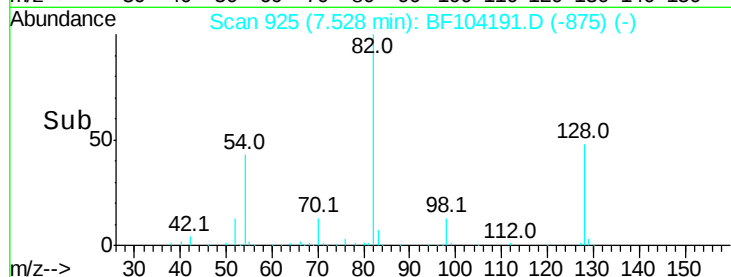
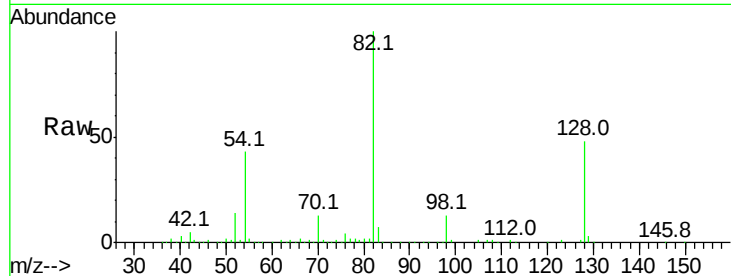




#23
 Nitrobenzene-d5
 Concen: 77.229 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF104191.D
 Acq: 3 Apr 2018 20:38

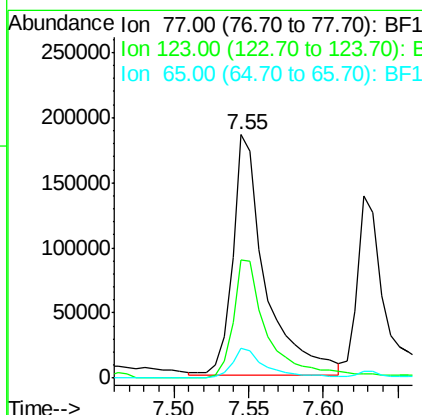
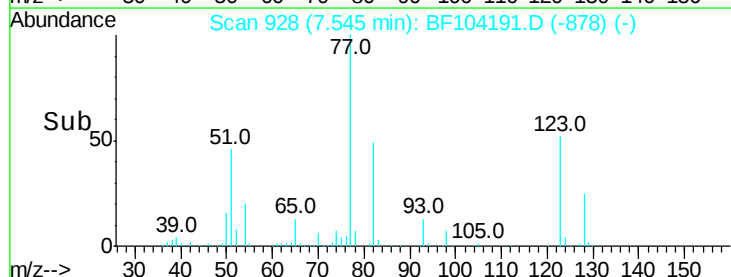
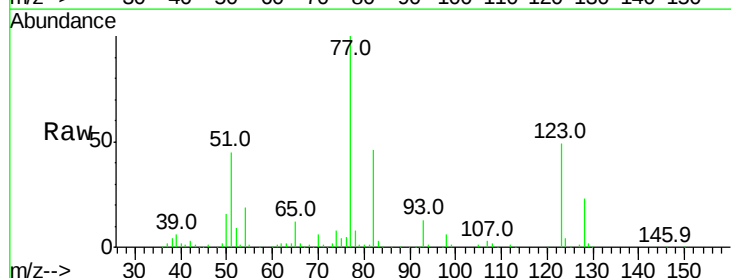
Instrument :
 BNA_F
 ClientSampleId :

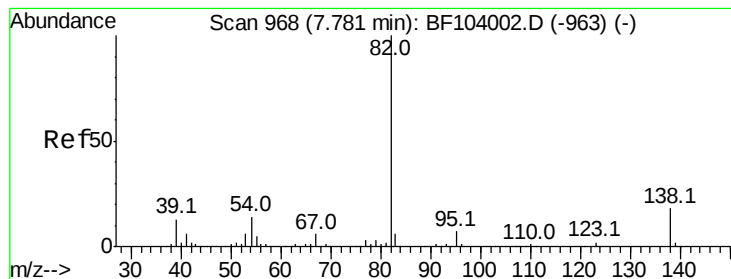
Tot Ion: 82 Resp: 613097
 Ion Ratio Lower Upper
 82 100
 128 48.0 36.1 54.1
 54 43.3 41.4 62.2



#24
 Nitrobenzene
 Concen: 33.926 ng
 RT: 7.55 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: BF104191.D
 Acq: 3 Apr 2018 20:38

Tgt Ion: 77 Resp: 283379
 Ion Ratio Lower Upper
 77 100
 123 48.6 37.9 56.9
 65 12.4 11.0 16.4





#25

Isophorone

Concen: 38.309 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

Instrument :

BNA_F

ClientSampleId :

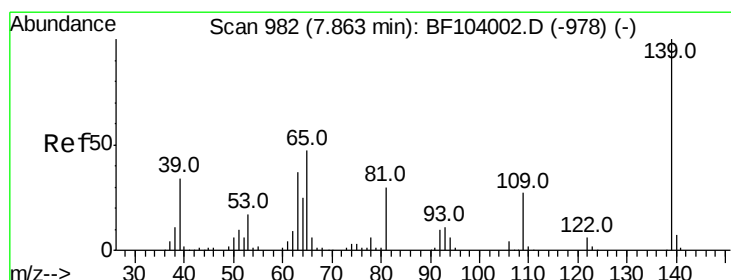
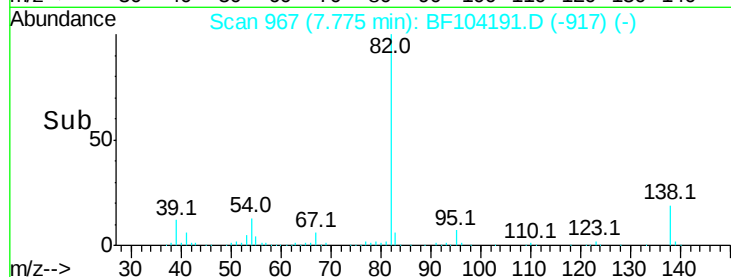
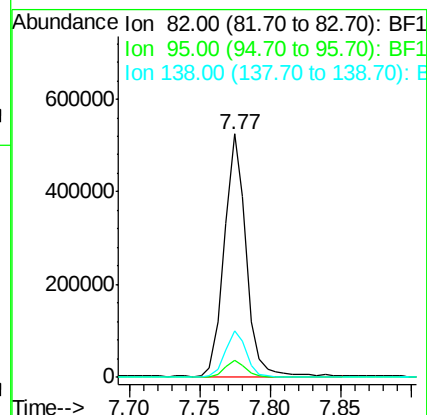
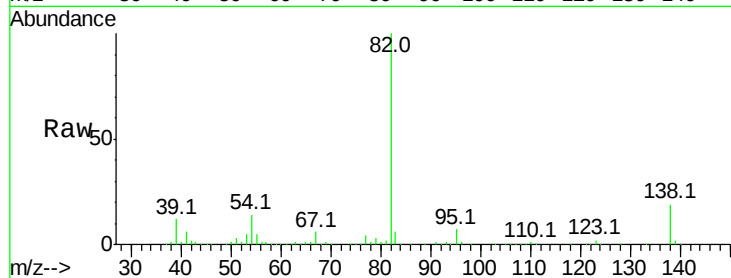
Tot Ion: 82 Resp: 560468

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 19.1 14.9 22.3



#26

2-Nitrophenol

Concen: 39.090 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.00 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

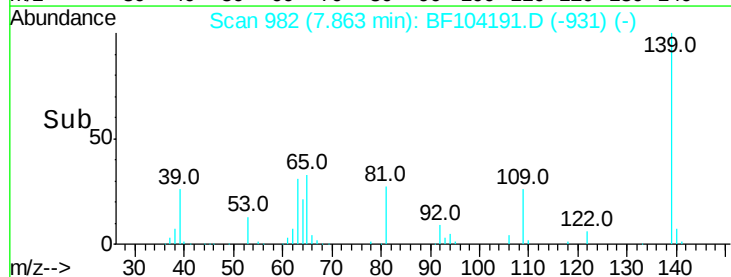
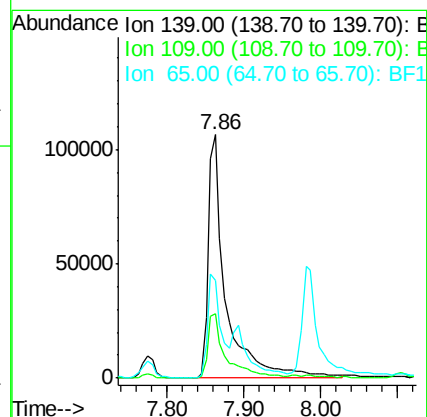
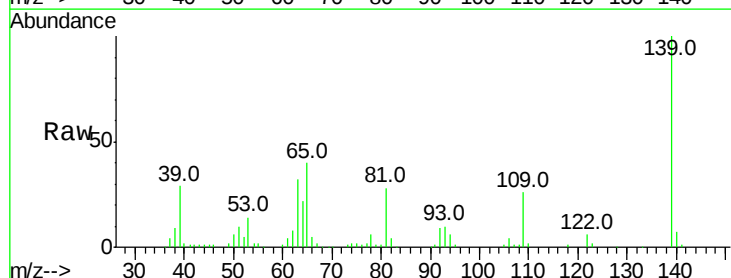
Tgt Ion: 139 Resp: 170435

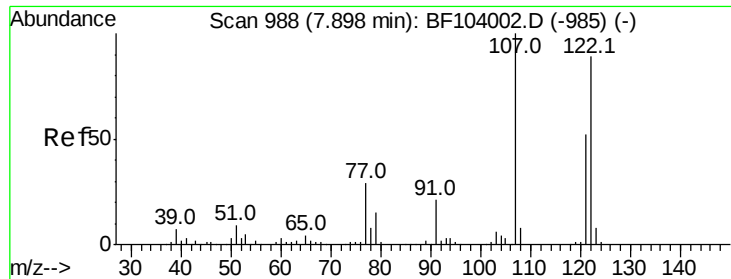
Ion Ratio Lower Upper

139 100

109 26.3 22.7 34.1

65 39.9 40.5 60.7#

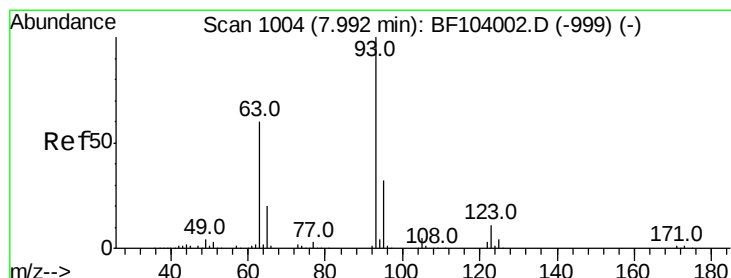
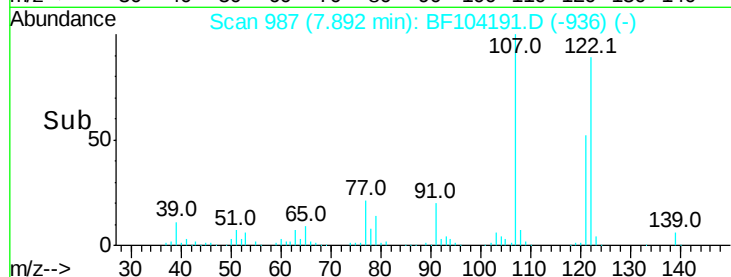
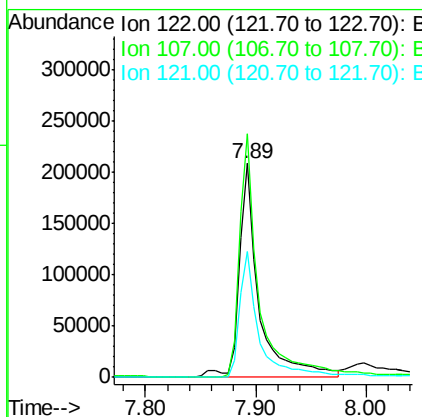
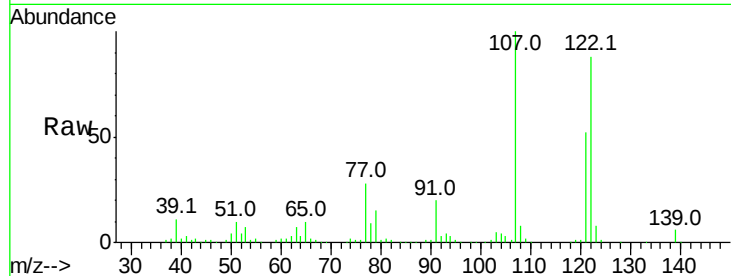




#27
 2,4-Dimethylphenol
 Concen: 41.727 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.00 min
 Lab File: BF104191.D
 Acq: 3 Apr 2018 20:38

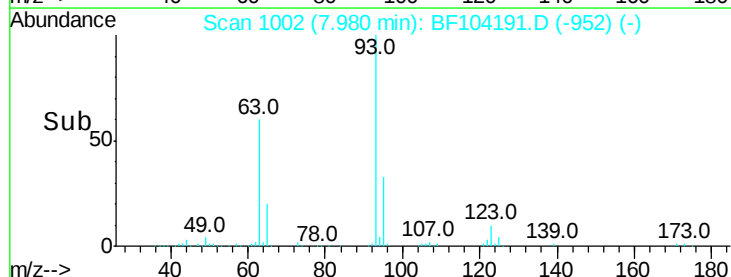
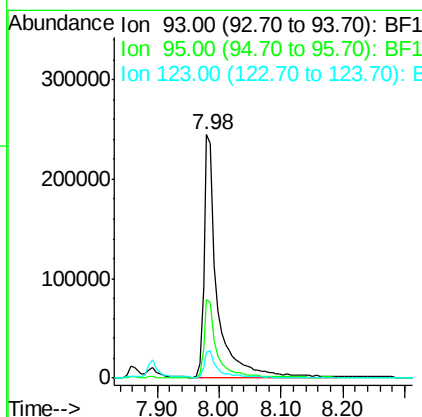
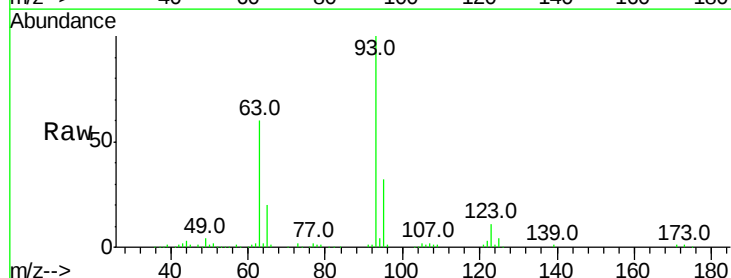
Instrument :
 BNA_F
 ClientSampleId :

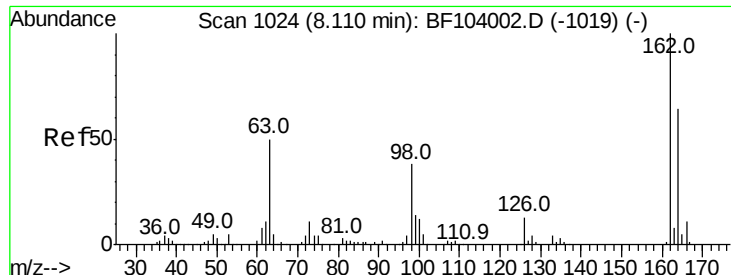
Tot Ion:122 Resp: 262386
 Ion Ratio Lower Upper
 122 100
 107 113.9 91.2 136.8
 121 58.8 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.785 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF104191.D
 Acq: 3 Apr 2018 20:38

Tgt Ion: 93 Resp: 364807
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.3 39.5
 123 10.8 9.8 14.6

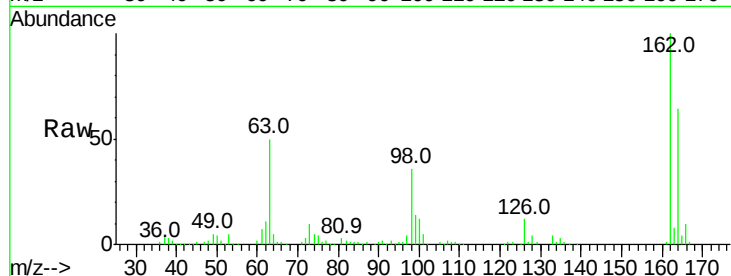




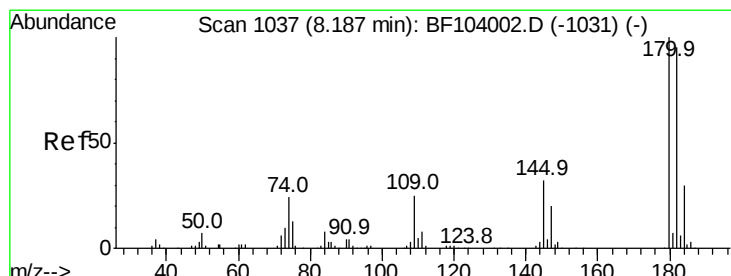
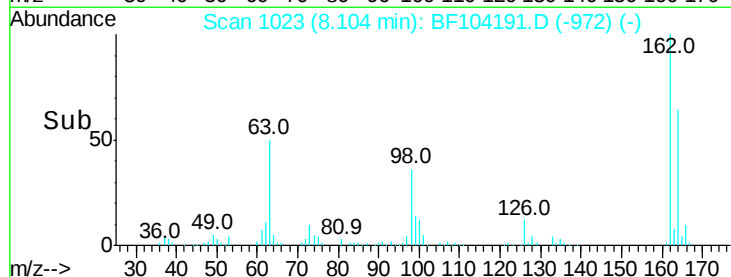
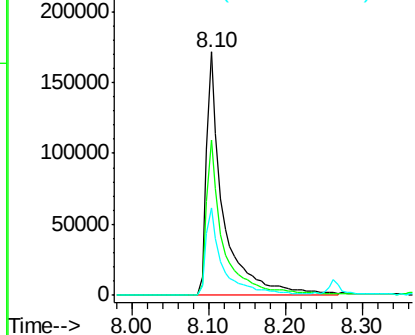
#29
 2,4-Dichlorophenol
 Concen: 39.814 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BF104191.D
 Acq: 3 Apr 2018 20:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	42.7	82.7
98	36.2	18.1	58.1

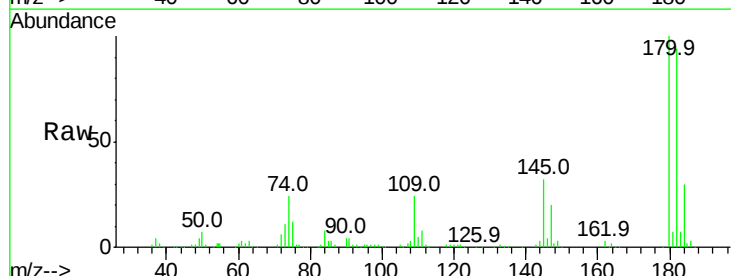


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

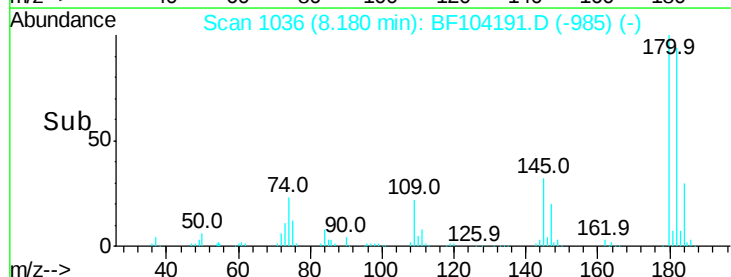
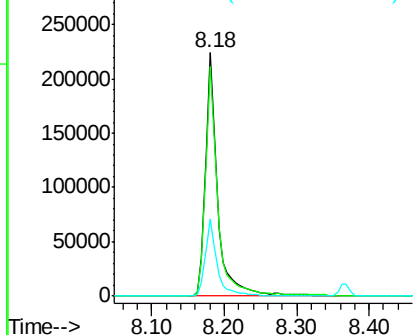


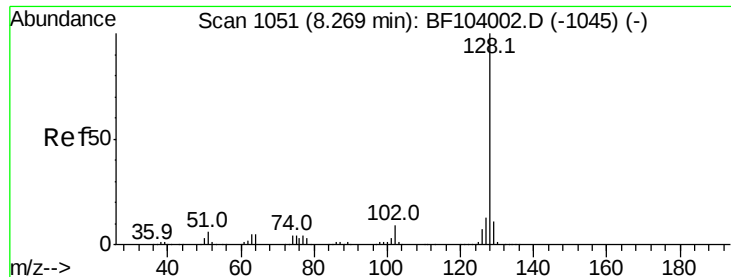
#30
 1,2,4-Trichlorobenzene
 Concen: 35.679 ng
 RT: 8.18 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF104191.D
 Acq: 3 Apr 2018 20:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	76.8	115.2
145	31.6	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

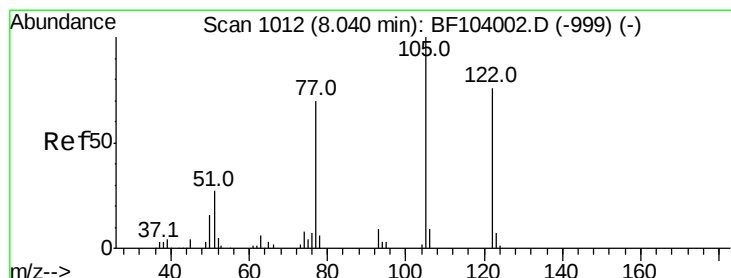
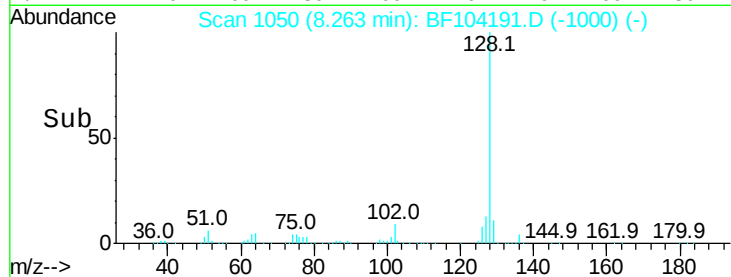
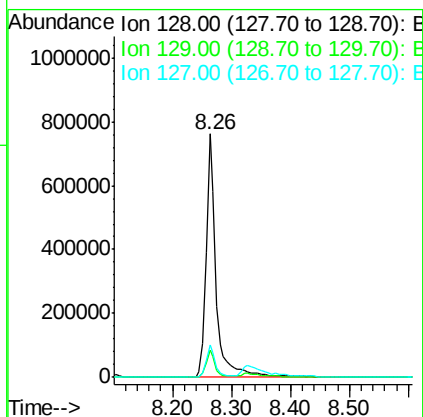
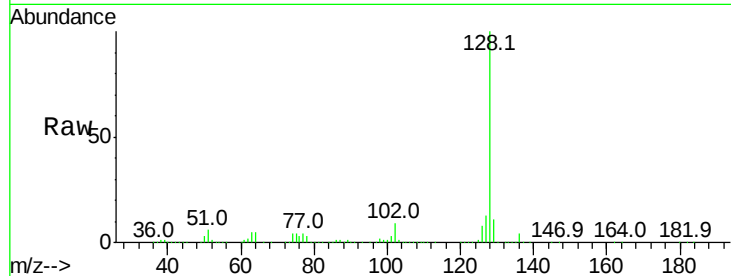




#31
Naphthalene
Concen: 38.597 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF104191.D
Acq: 3 Apr 2018 20:38

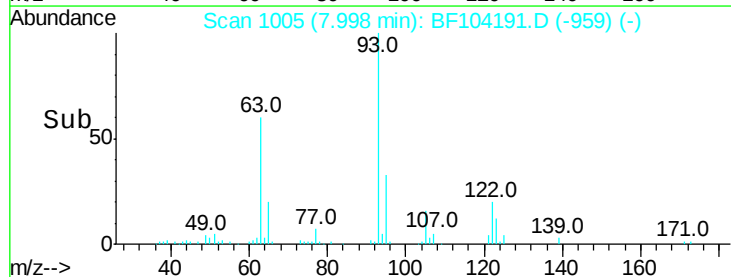
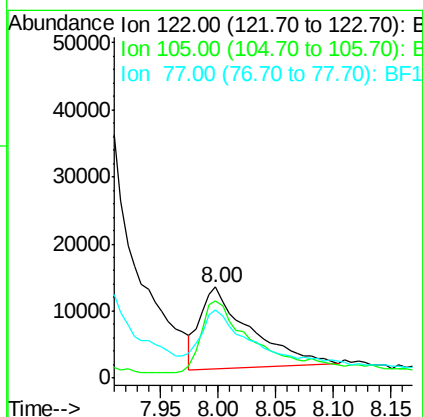
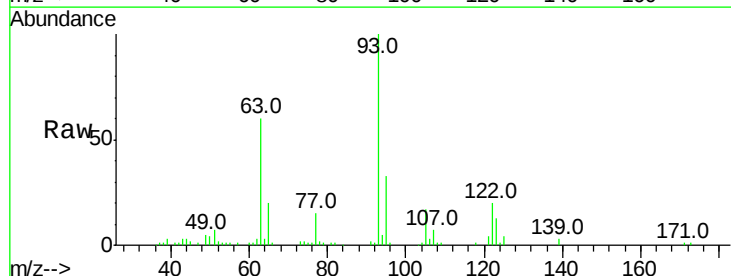
Instrument :
BNA_F
ClientSampleId :

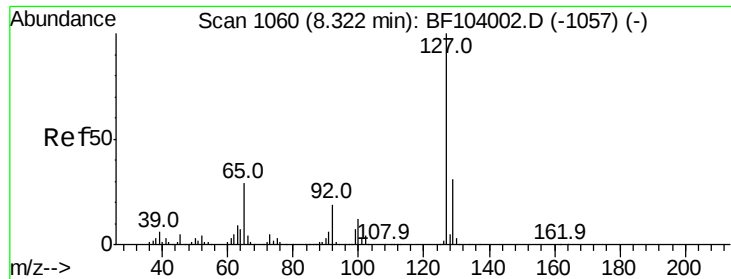
Tot Ion:128 Resp: 915441
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.2 10.9 16.3



#32
Benzoic acid
Concen: 8.001 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.03 min
Lab File: BF104191.D
Acq: 3 Apr 2018 20:38

Tgt Ion:122 Resp: 36856
Ion Ratio Lower Upper
122 100
105 84.8 101.1 141.1#
77 75.6 70.7 110.7

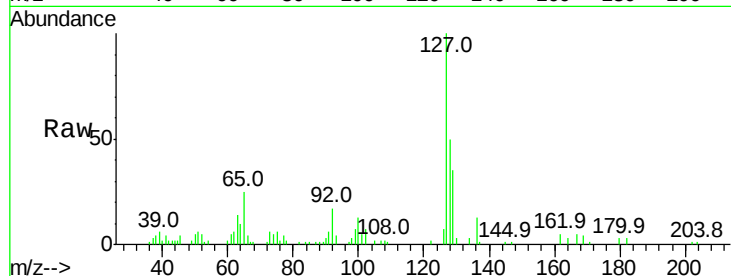




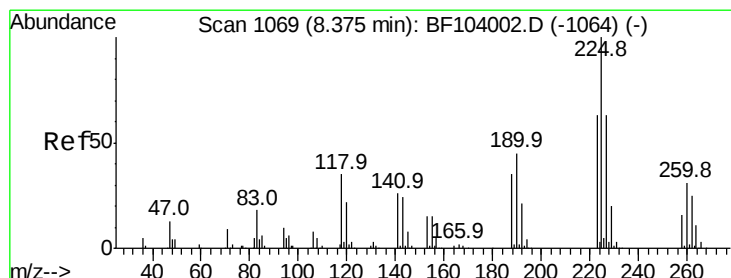
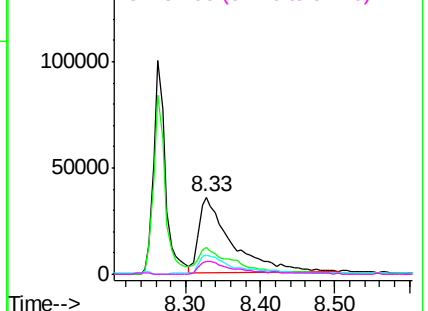
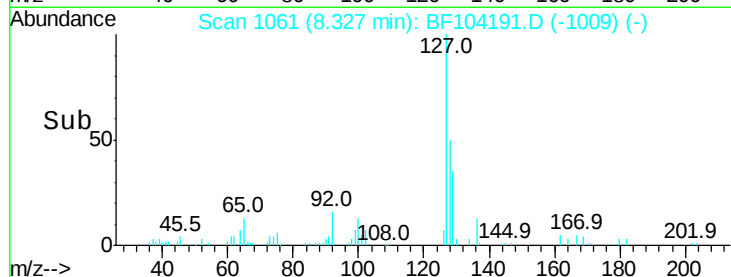
#33
4-Chloroaniline
Concen: 10.944 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.01 min
Lab File: BF104191.D
Acq: 3 Apr 2018 20:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 109430
Ion Ratio Lower Upper
127 100
129 35.2 25.9 38.9
65 25.3 25.0 37.4
92 17.3 15.2 22.8

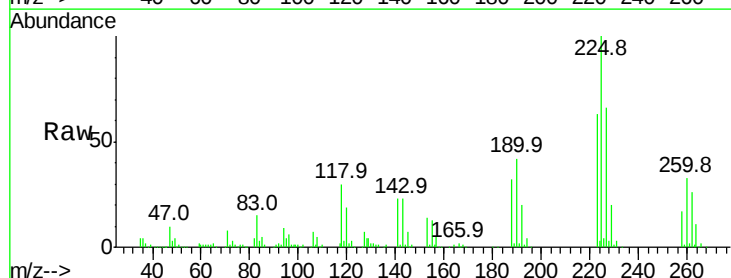


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

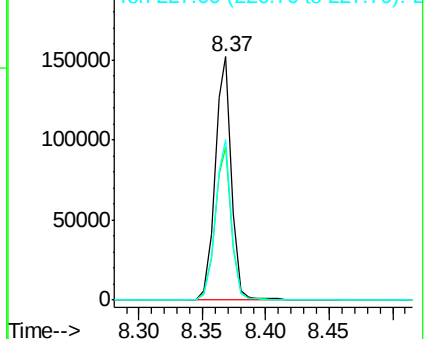
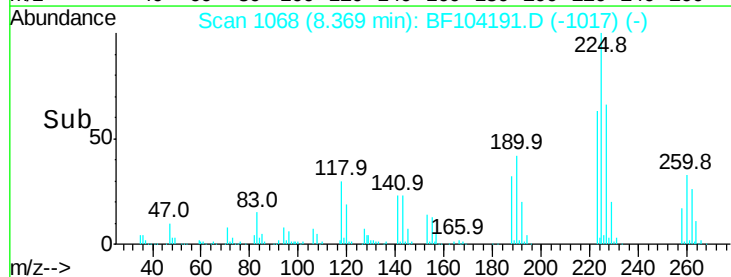


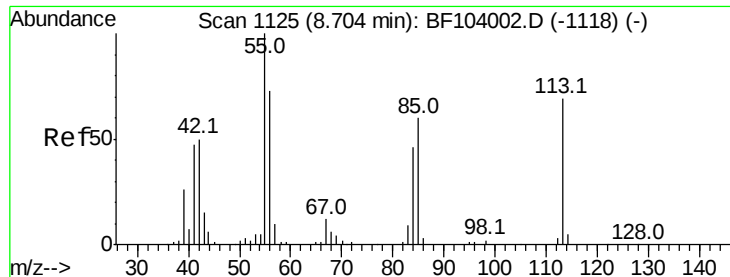
#34
Hexachlorobutadiene
Concen: 34.352 ng
RT: 8.37 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BF104191.D
Acq: 3 Apr 2018 20:38

Tgt Ion:225 Resp: 139306
Ion Ratio Lower Upper
225 100
223 62.7 50.6 76.0
227 65.9 51.9 77.9



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

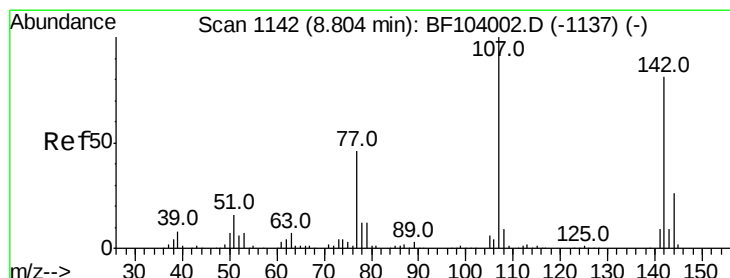
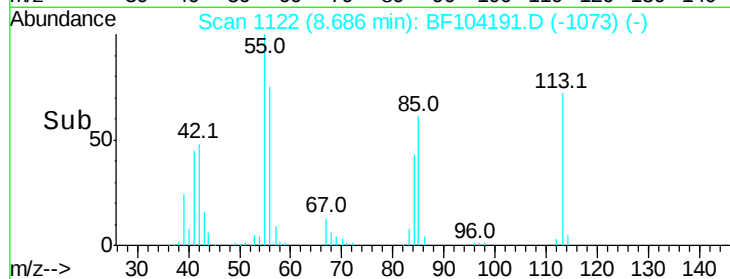
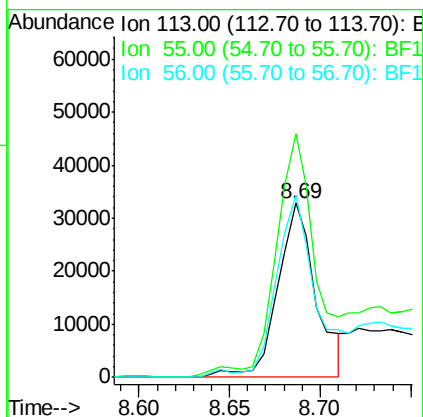
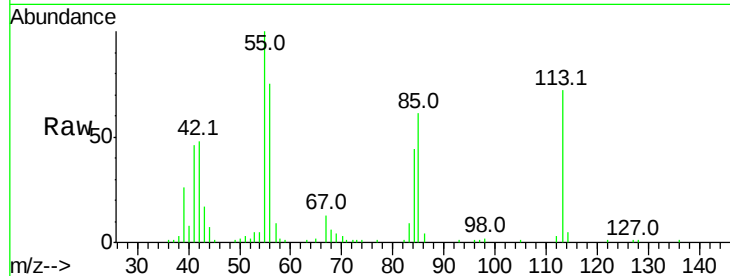




#35
 Caprolactam
 Concen: 23.202 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF104191.D
 Acq: 3 Apr 2018 20:38

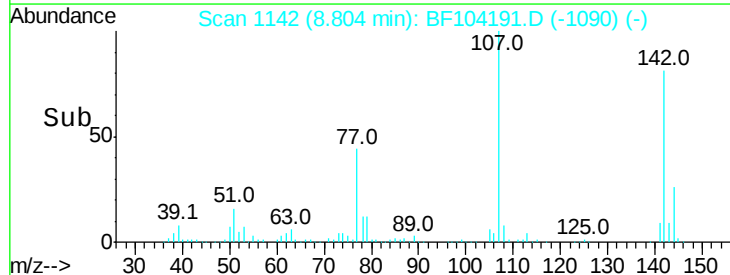
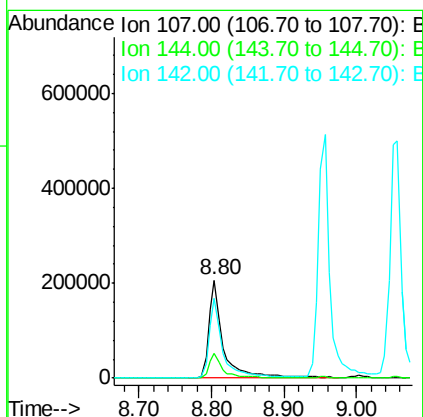
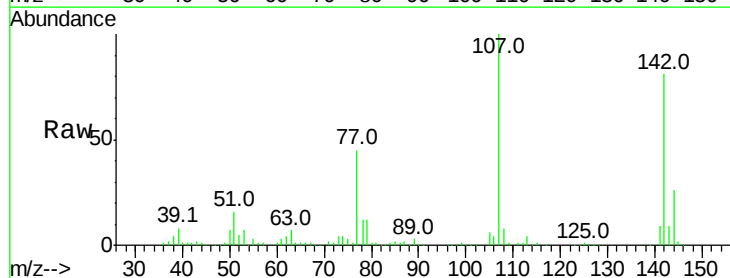
Instrument :
 BNA_F
 ClientSampleId :

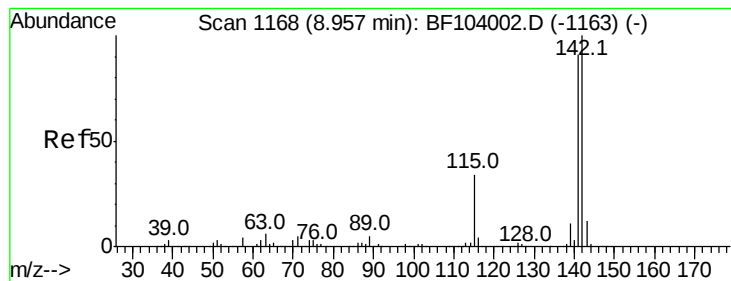
Tot Ion:113 Resp: 48320
 Ion Ratio Lower Upper
 113 100
 55 139.7 163.3 203.3#
 56 104.2 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 41.212 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF104191.D
 Acq: 3 Apr 2018 20:38

Tgt Ion:107 Resp: 286307
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.5 30.7
 142 81.2 62.0 93.0

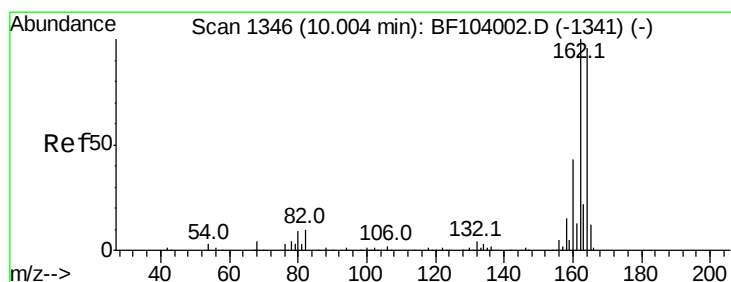
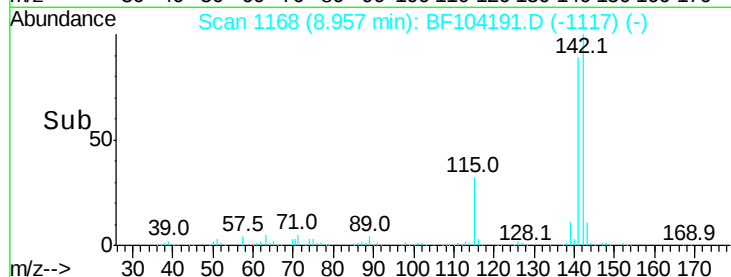
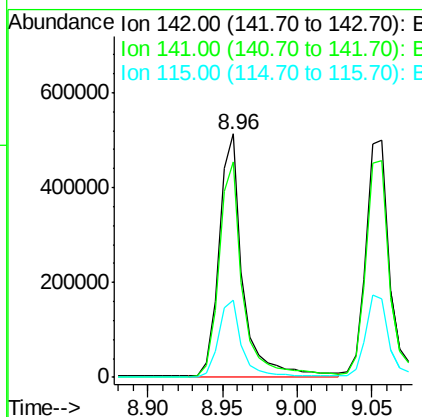
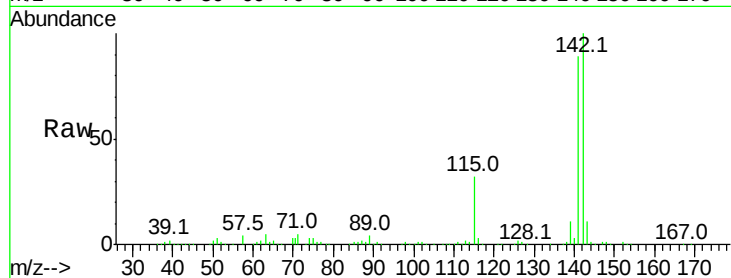




#37
 2-Methylnaphthalene
 Concen: 36.778 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.00 min
 Lab File: BF104191.D
 Acq: 3 Apr 2018 20:38

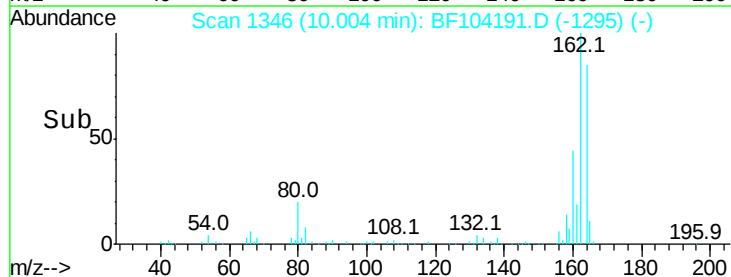
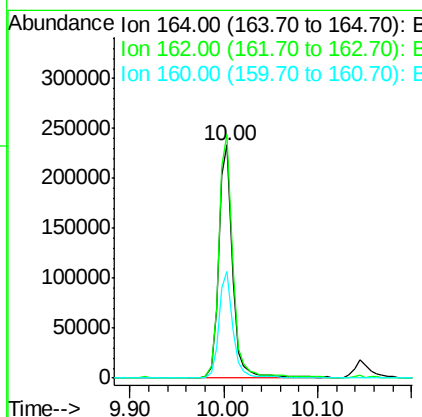
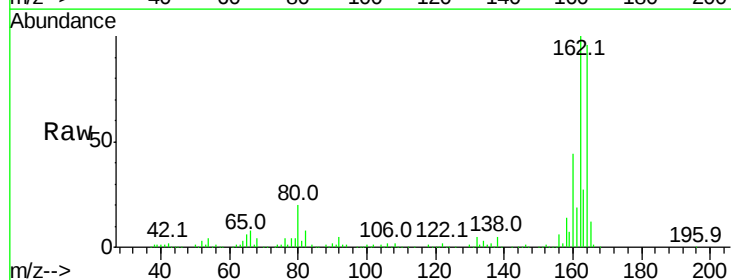
Instrument :
 BNA_F
 ClientSampleId :

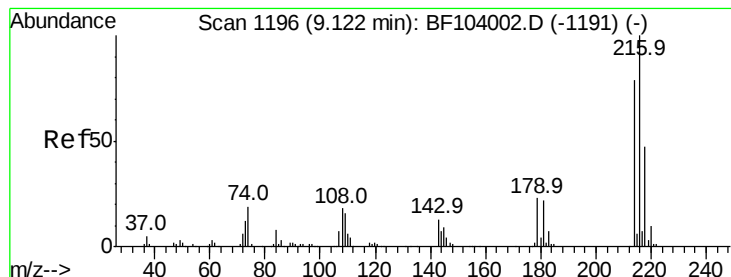
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.8	106.2
115	31.8	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: BF104191.D
 Acq: 3 Apr 2018 20:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	86.1	129.1
160	45.9	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.341 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.00 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 262939

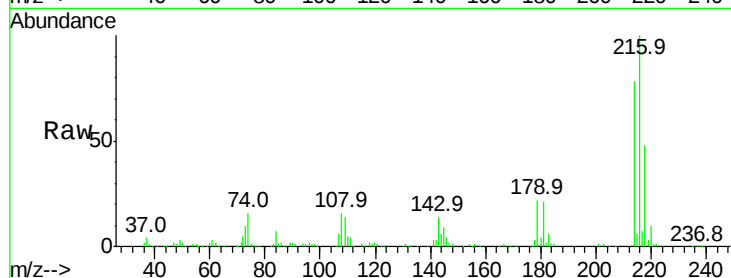
Ion Ratio Lower Upper

216 100

214 78.7 63.0 94.4

179 22.3 18.1 27.1

108 18.1 17.2 25.8

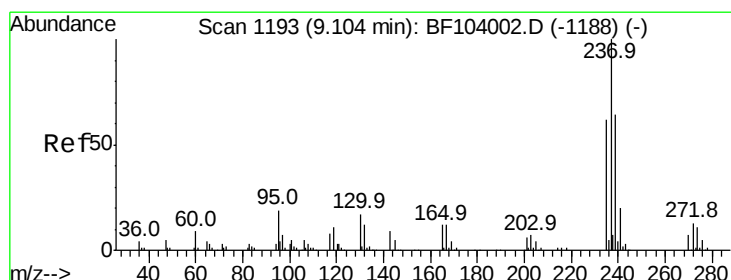
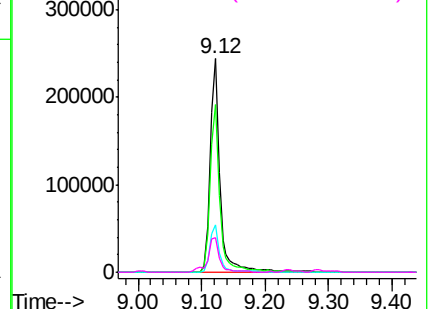
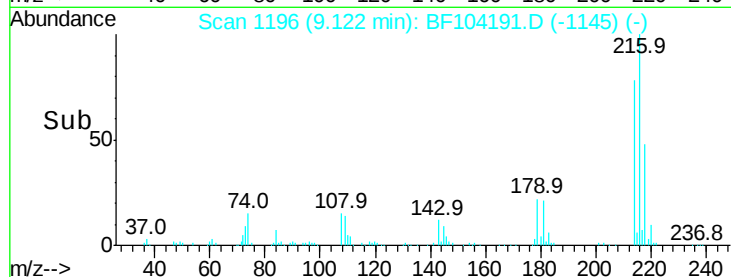


Abundance Ion 216.00 (215.70 to 216.70): E

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: 41.311 ng

RT: 9.10 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

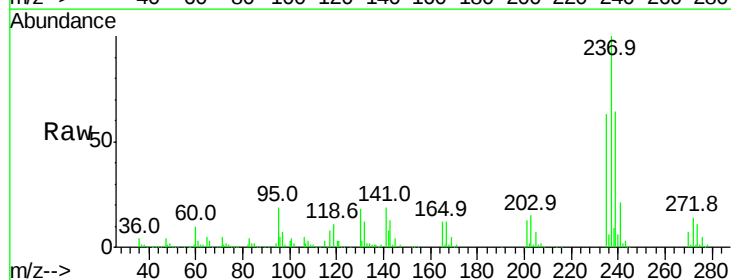
Tgt Ion:237 Resp: 134891

Ion Ratio Lower Upper

237 100

235 63.3 44.8 84.8

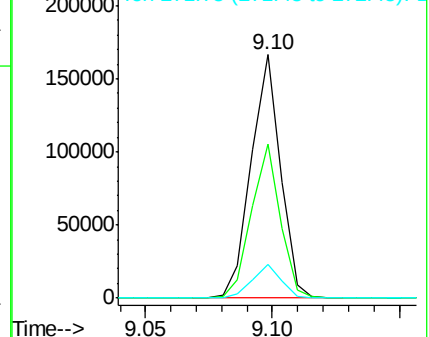
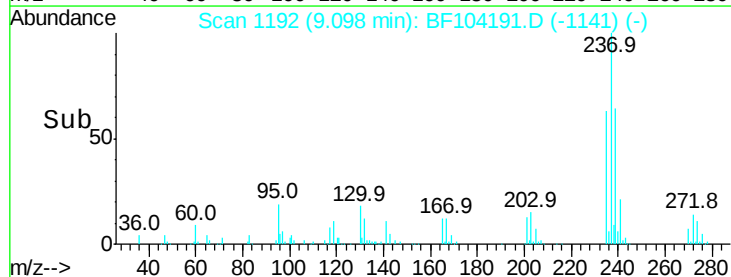
272 13.8 0.0 33.3

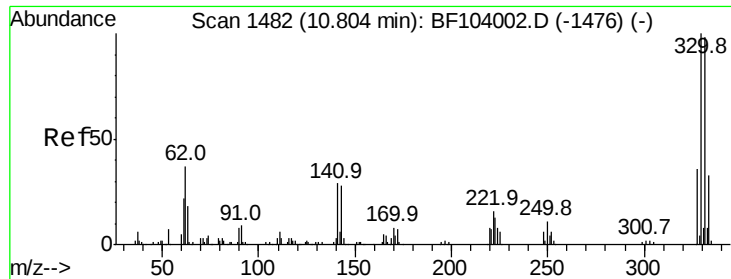


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 112.901 ng

RT: 10.80 min Scan# 1482

Delta R.T. 0.01 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

Instrument :

BNA_F

ClientSampleId :

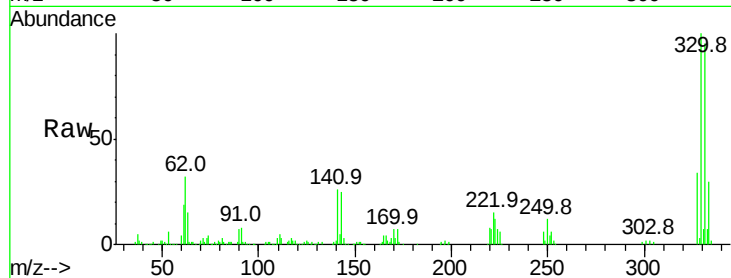
Tot Ion:330 Resp: 305010

Ion Ratio Lower Upper

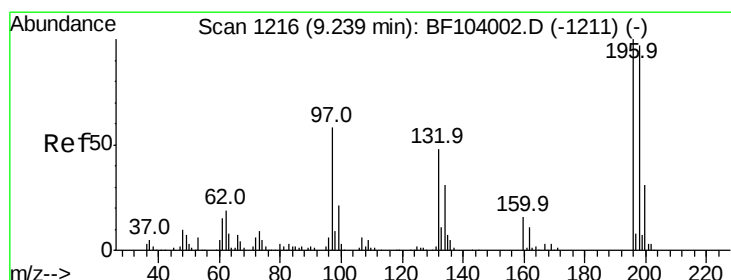
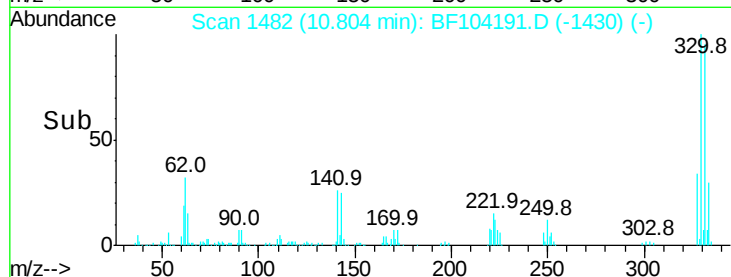
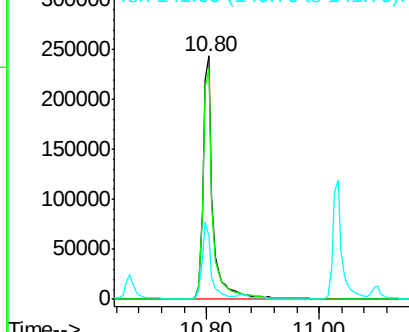
330 100

332 95.4 77.0 115.6

141 28.5 29.9 44.9#



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 35.828 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.00 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

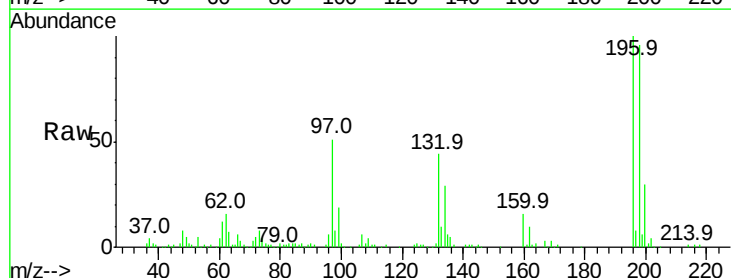
Tgt Ion:196 Resp: 168792

Ion Ratio Lower Upper

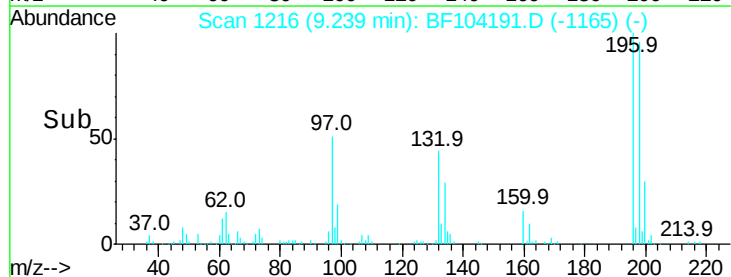
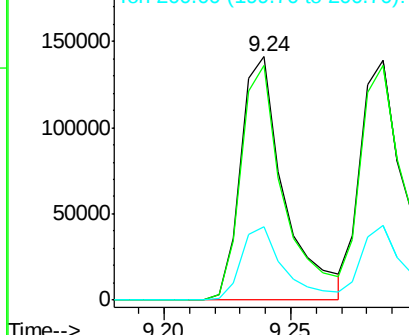
196 100

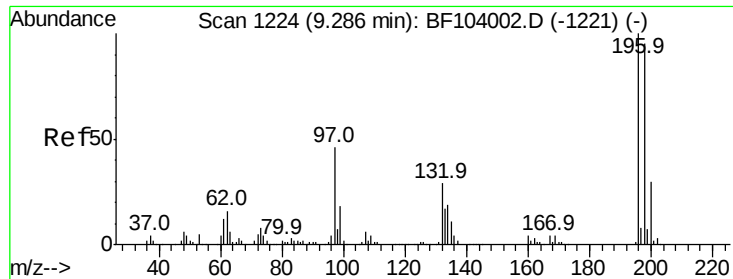
198 96.2 75.7 113.5

200 30.0 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

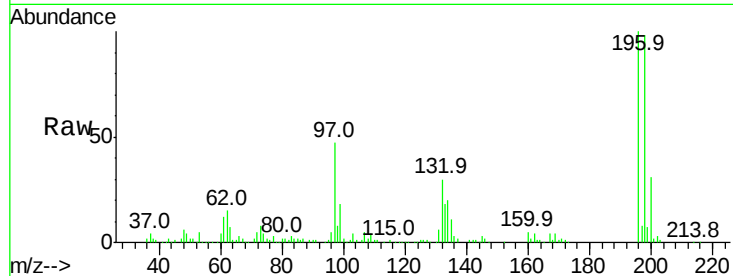




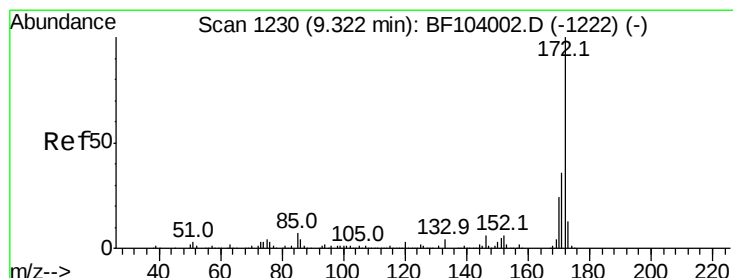
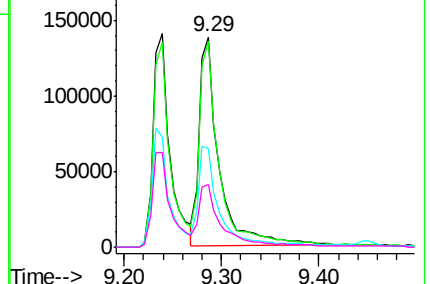
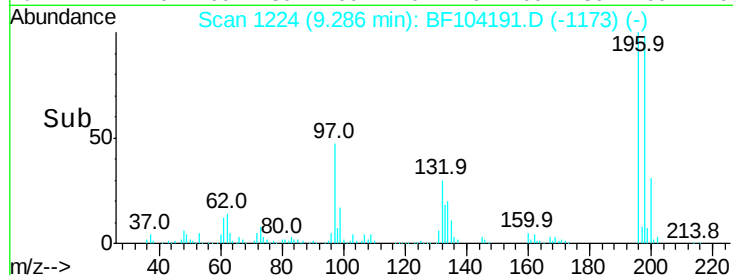
#43
 2,4,5-Trichlorophenol
 Concen: 34.532 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF104191.D
 Acq: 3 Apr 2018 20:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 196430
 Ion Ratio Lower Upper
 196 100
 198 98.1 74.6 112.0
 97 46.7 42.9 64.3
 132 29.8 26.3 39.5

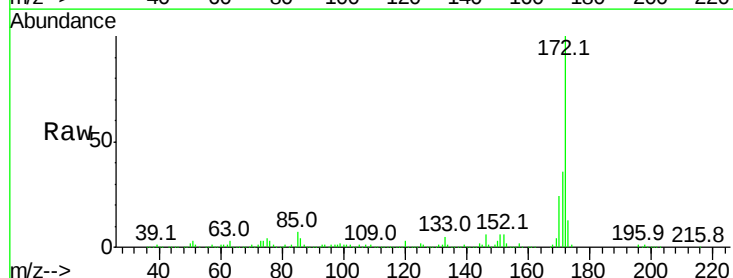


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

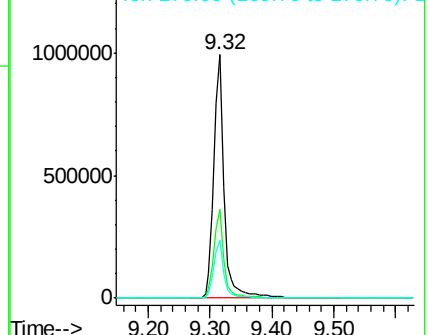
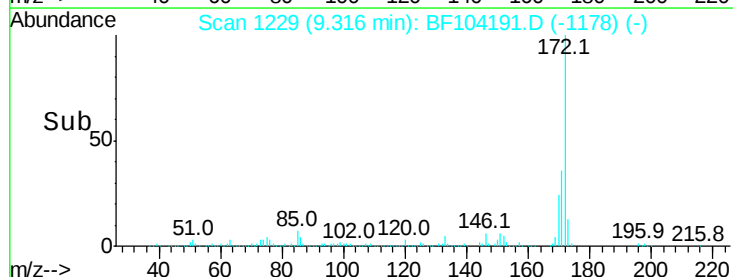


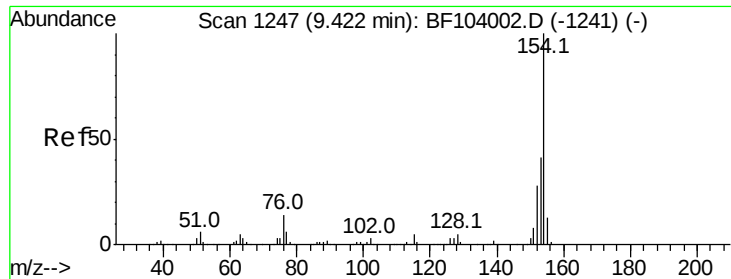
#44
 2-Fluorobiphenyl
 Concen: 73.749 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: BF104191.D
 Acq: 3 Apr 2018 20:38

Tgt Ion:172 Resp: 1134670
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.0 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

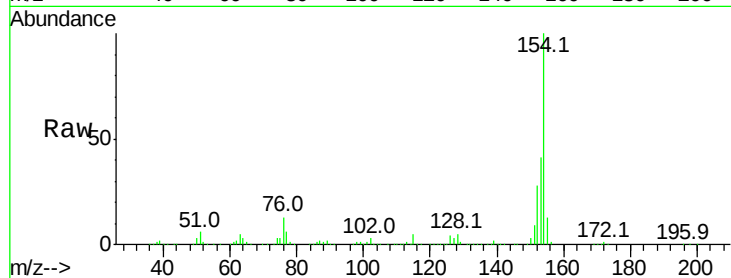




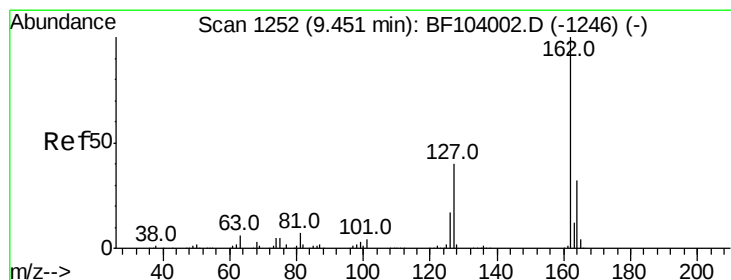
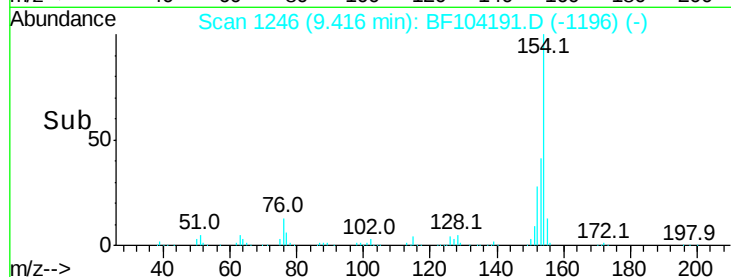
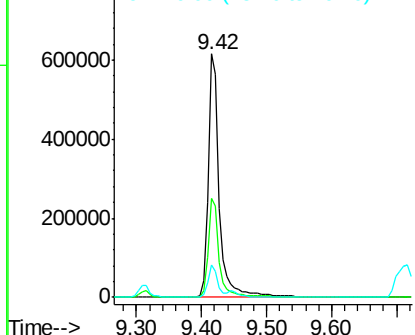
#45
 1,1'-Biphenyl
 Concen: 34.736 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF104191.D
 Acq: 3 Apr 2018 20:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 723326
 Ion Ratio Lower Upper
 154 100
 153 40.9 21.3 61.3
 76 13.5 0.0 34.0

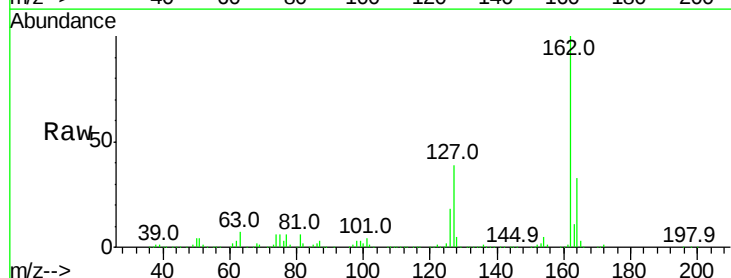


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

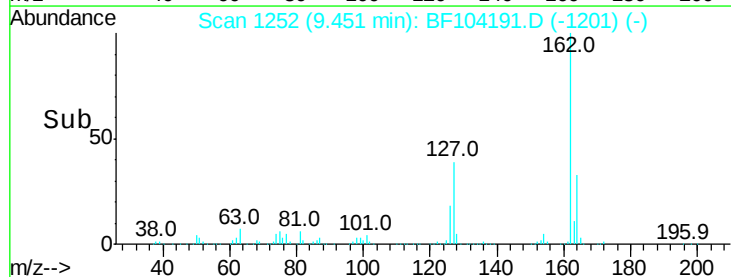
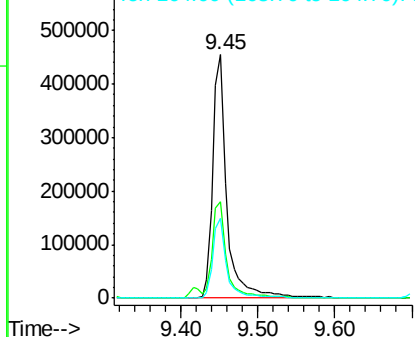


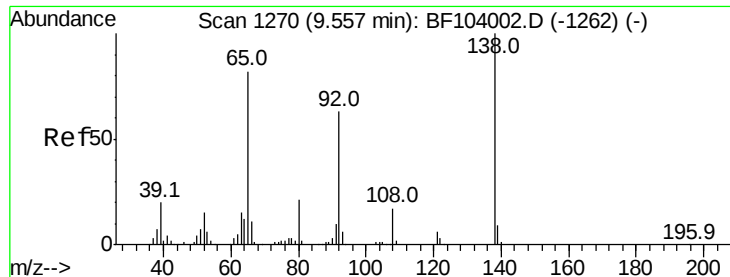
#46
 2-Chloronaphthalene
 Concen: 34.760 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: BF104191.D
 Acq: 3 Apr 2018 20:38

Tgt Ion:162 Resp: 570957
 Ion Ratio Lower Upper
 162 100
 127 39.4 33.9 50.9
 164 32.7 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

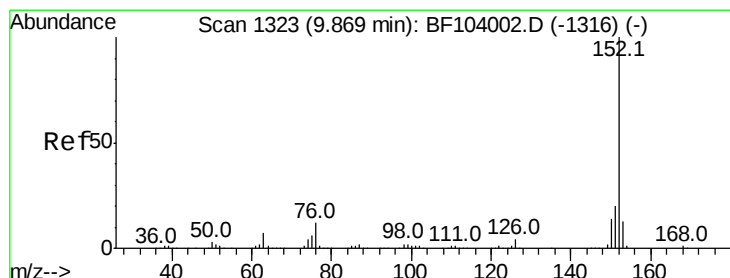
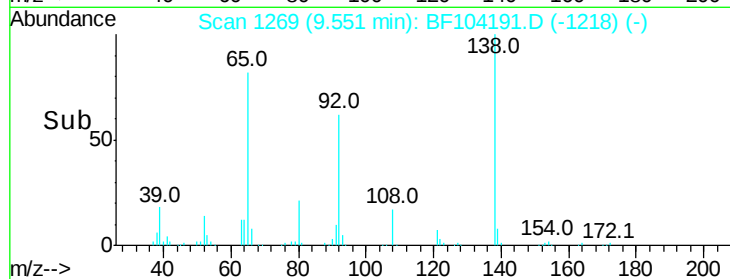
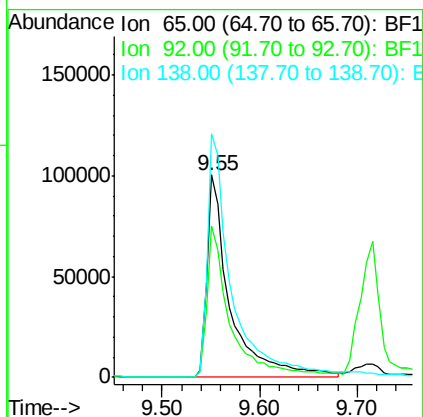
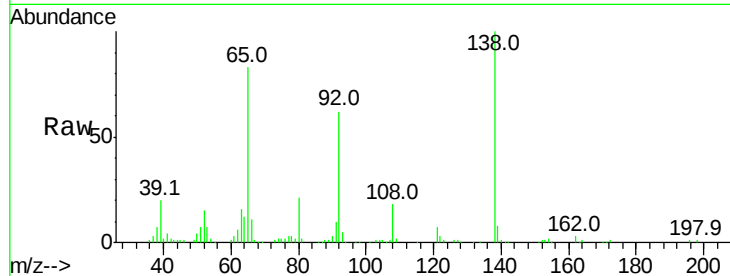




#47
2-Nitroaniline
Concen: 35.690 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF104191.D
Acq: 3 Apr 2018 20:38

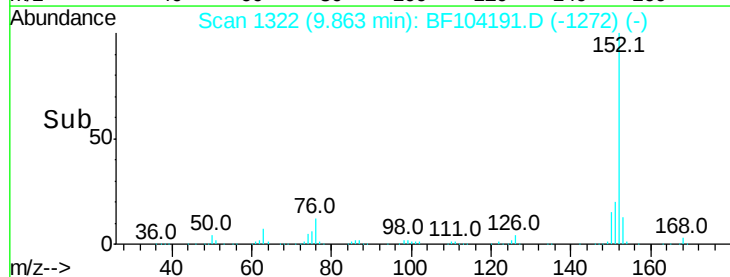
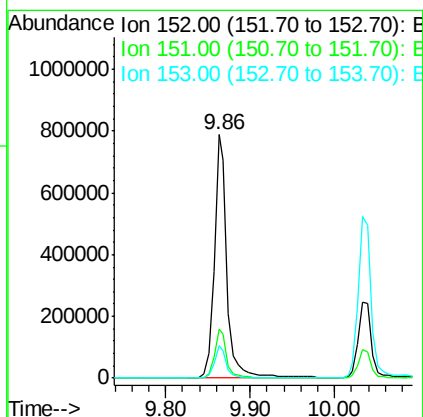
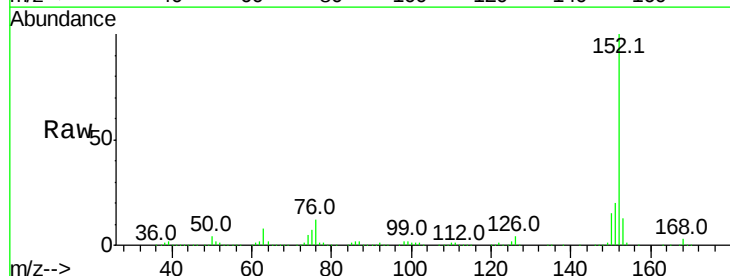
Instrument :
BNA_F
ClientSampleId :

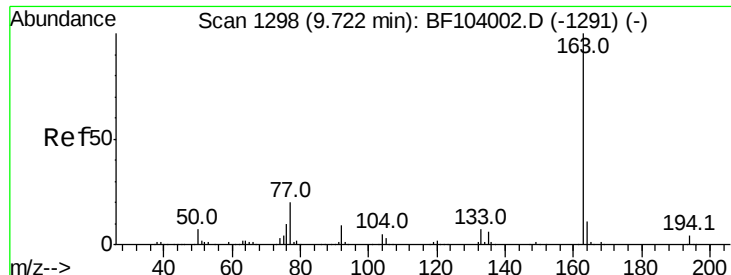
Tot Ion: 65 Resp: 167163
Ion Ratio Lower Upper
65 100
92 75.2 55.8 83.6
138 120.4 91.2 136.8



#48
Acenaphthylene
Concen: 33.819 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF104191.D
Acq: 3 Apr 2018 20:38

Tgt Ion: 152 Resp: 841560
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.5 10.7 16.1

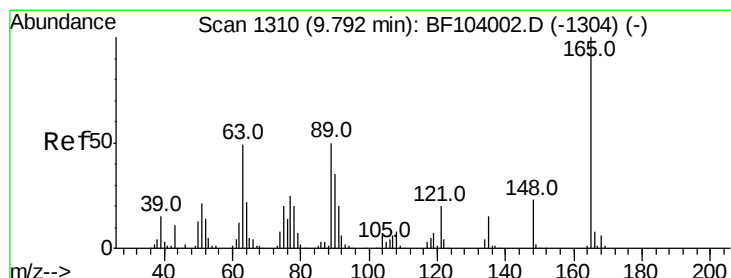
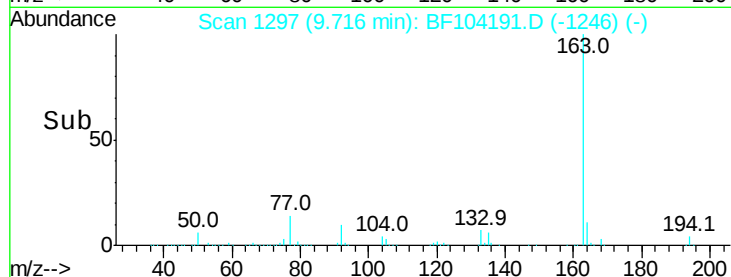
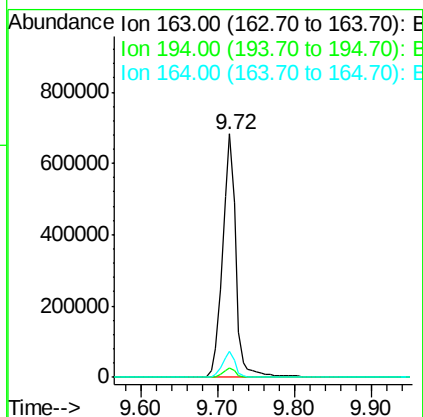
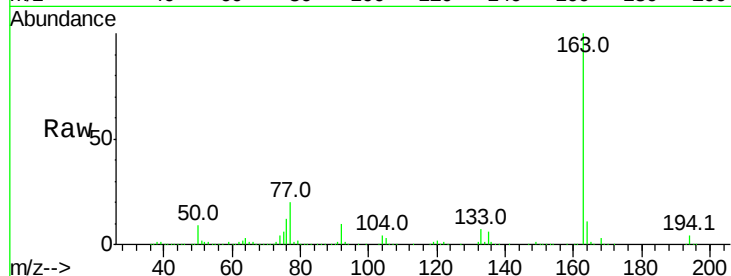




#49
Dimethylphthalate
Concen: 42.823 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BF104191.D
Acq: 3 Apr 2018 20:38

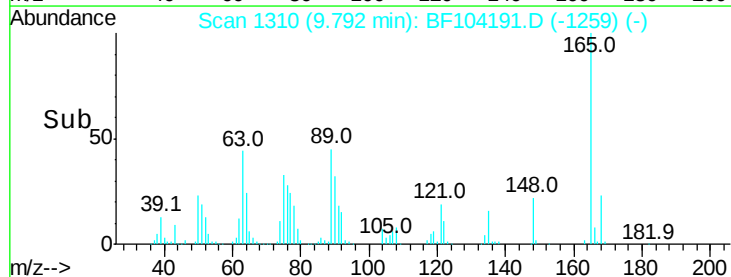
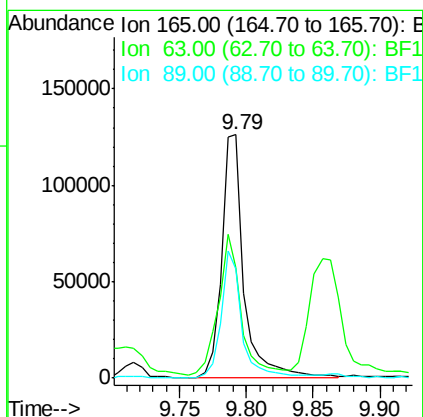
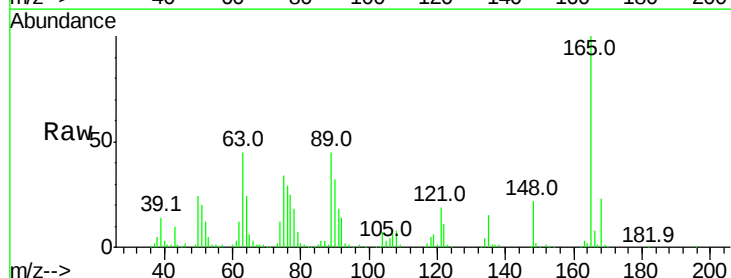
Instrument :
BNA_F
ClientSampleId :

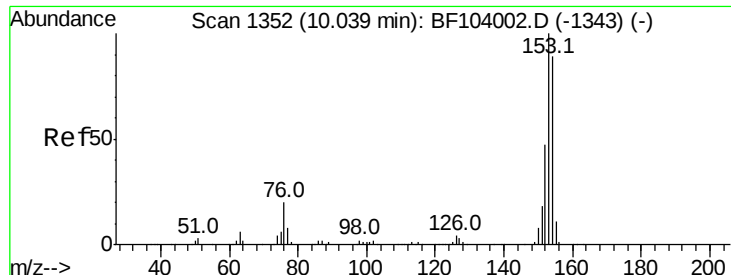
Tot Ion:163 Resp: 820290
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.6 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 36.330 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BF104191.D
Acq: 3 Apr 2018 20:38

Tgt Ion:165 Resp: 149720
Ion Ratio Lower Upper
165 100
63 45.5 44.7 67.1
89 45.1 44.0 66.0





#51

Acenaphthene

Concen: 33.394 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

Instrument :

BNA_F

ClientSampleId :

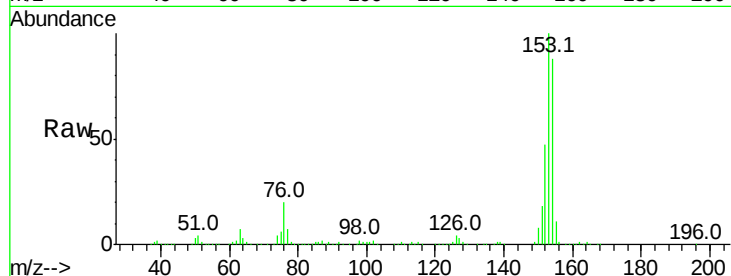
Tot Ion:154 Resp: 480716

Ion Ratio Lower Upper

154 100

153 113.7 91.2 136.8

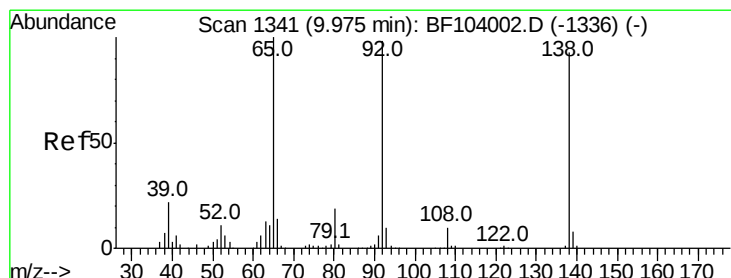
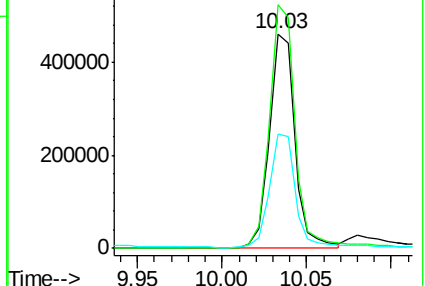
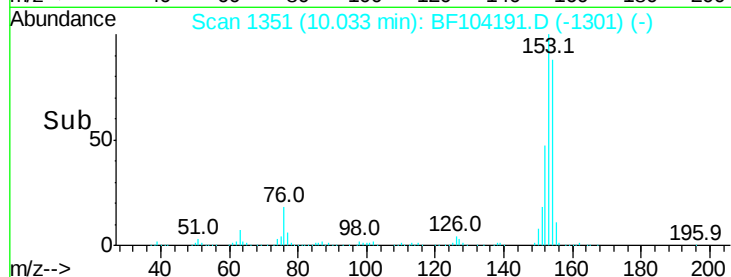
152 53.4 43.8 65.8



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: 20.137 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

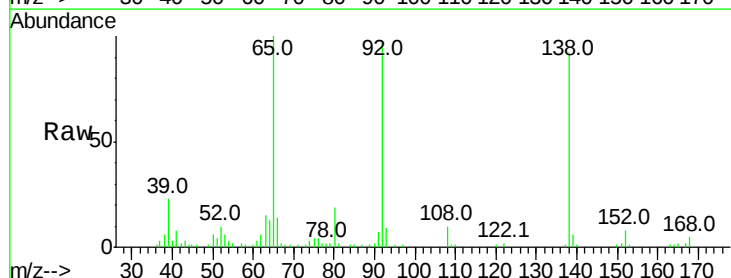
Tgt Ion:138 Resp: 95398

Ion Ratio Lower Upper

138 100

108 11.3 9.4 14.0

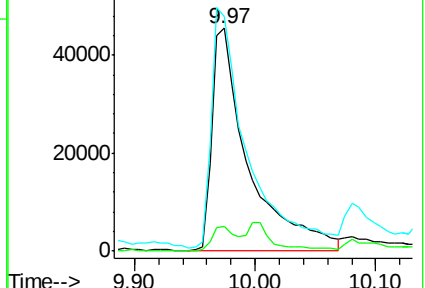
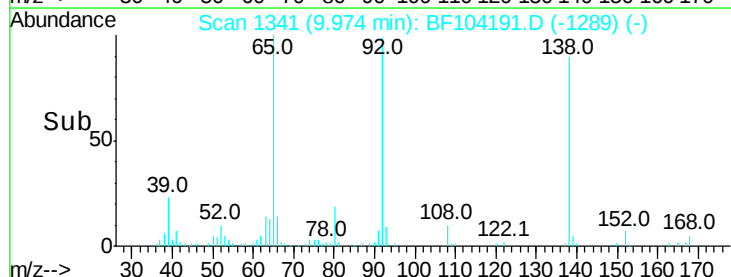
92 105.6 89.4 134.2

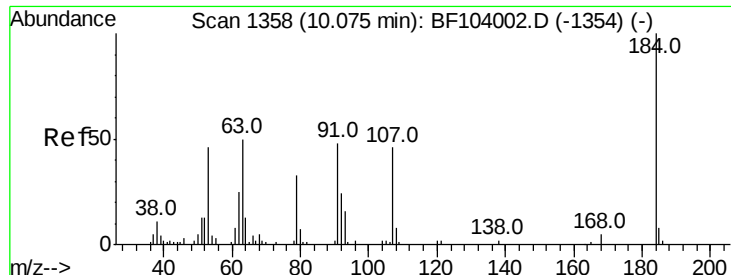


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

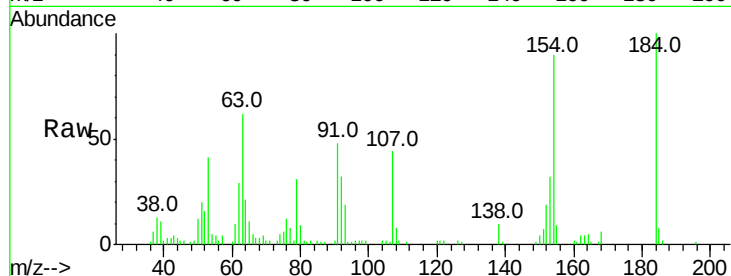




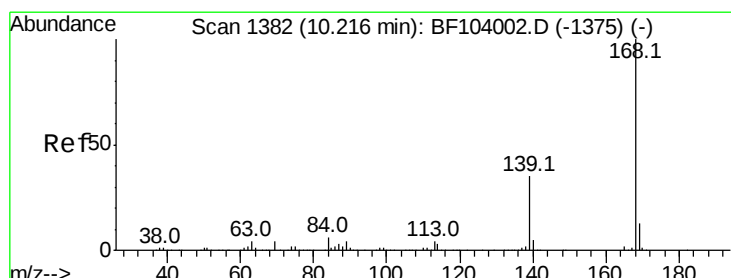
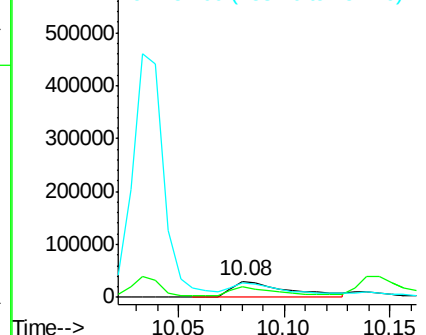
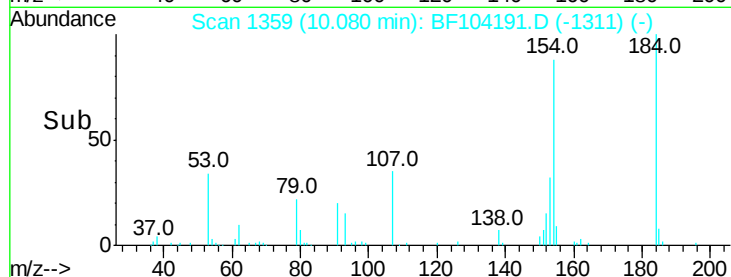
#53
2,4-Dinitrophenol
Concen: 35.355 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.02 min
Lab File: BF104191.D
Acq: 3 Apr 2018 20:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 57595
Ion Ratio Lower Upper
184 100
63 62.5 54.2 81.2
154 89.6 184.0 276.0#

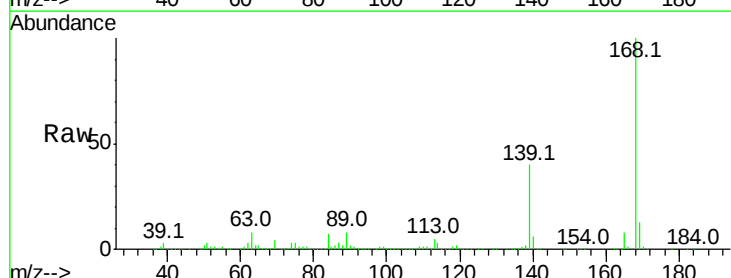


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

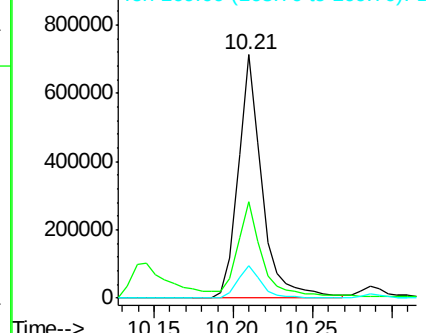
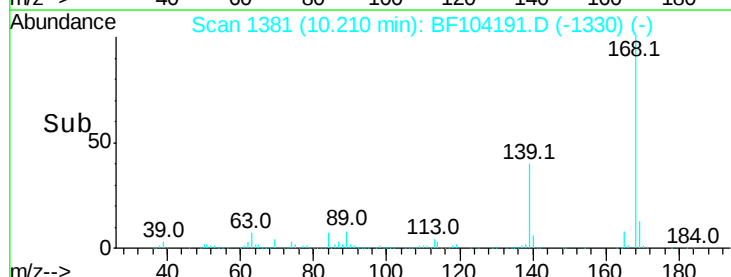


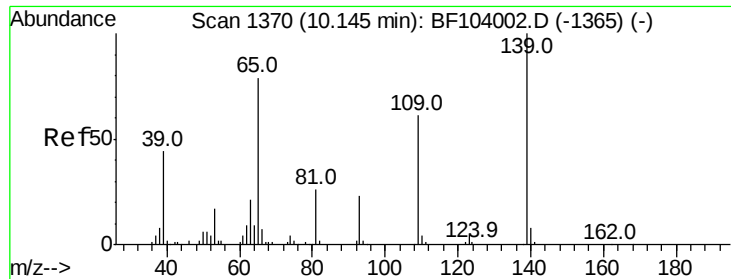
#54
Dibenzofuran
Concen: 35.434 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BF104191.D
Acq: 3 Apr 2018 20:38

Tgt Ion:168 Resp: 744870
Ion Ratio Lower Upper
168 100
139 39.8 30.1 45.1
169 13.2 10.9 16.3



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

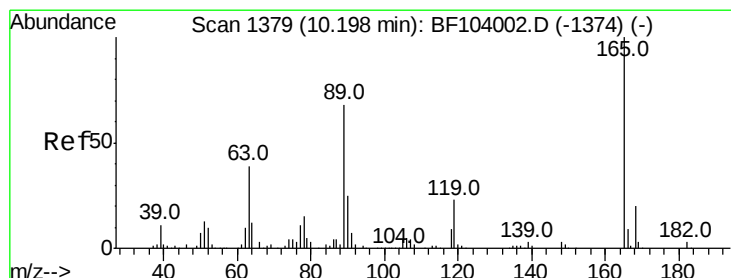
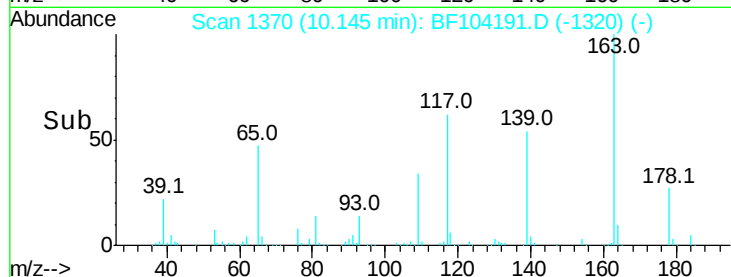
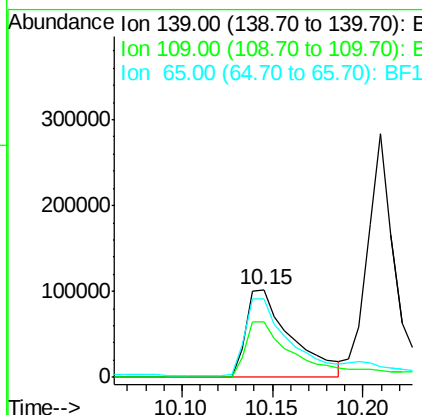
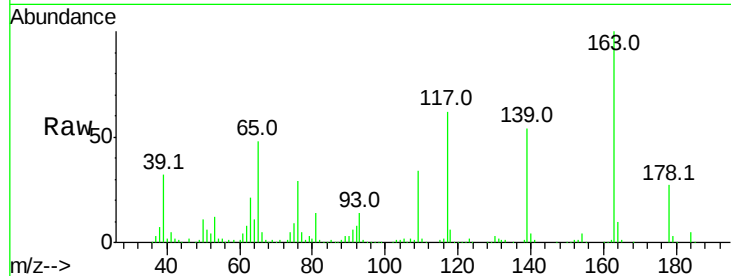




#55
4-Nitrophenol
Concen: 62.136 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BF104191.D
Acq: 3 Apr 2018 20:38

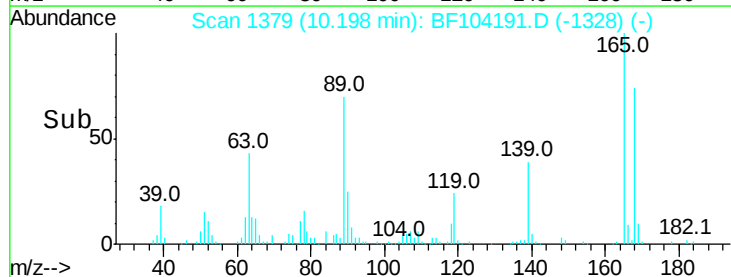
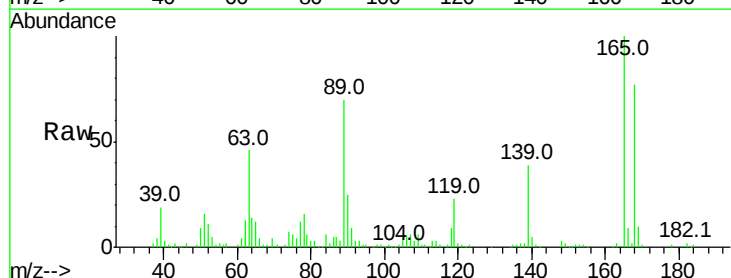
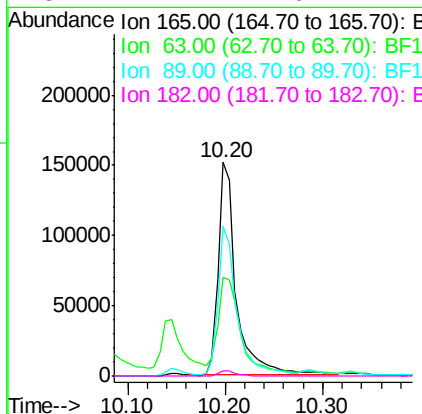
Instrument :
BNA_F
ClientSampleId :

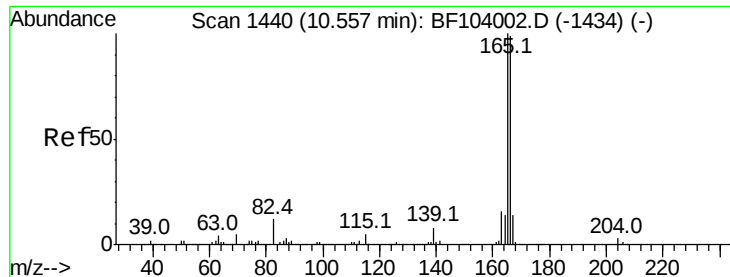
Tot Ion	Ratio	Lower	Upper
139	100		
109	63.4	48.4	88.4
65	89.9	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 37.406 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BF104191.D
Acq: 3 Apr 2018 20:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.0	36.4	54.6
89	70.1	57.8	86.6
182	2.4	1.6	2.4#

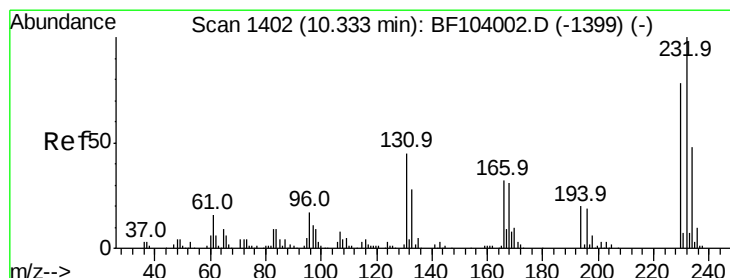
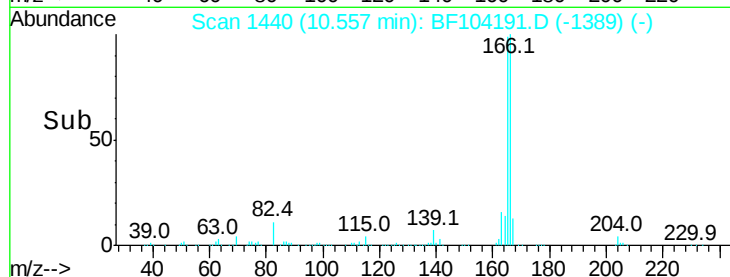
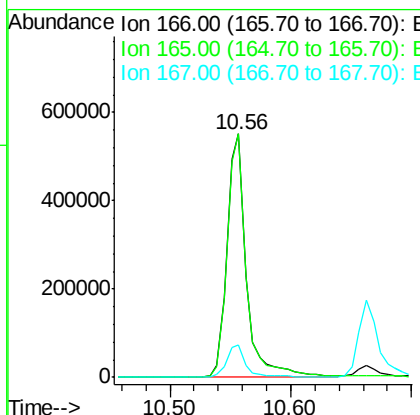
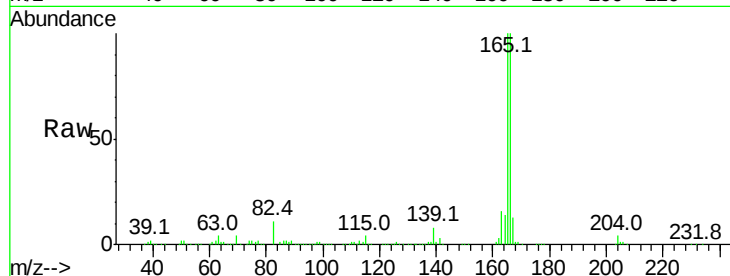




#57
 Fluorene
 Concen: 35.355 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF104191.D
 Acq: 3 Apr 2018 20:38

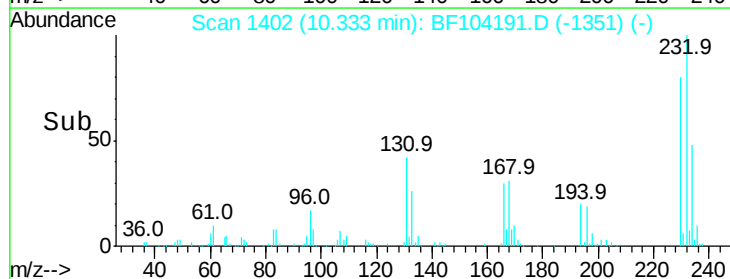
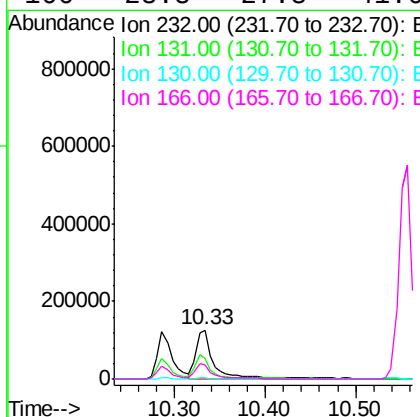
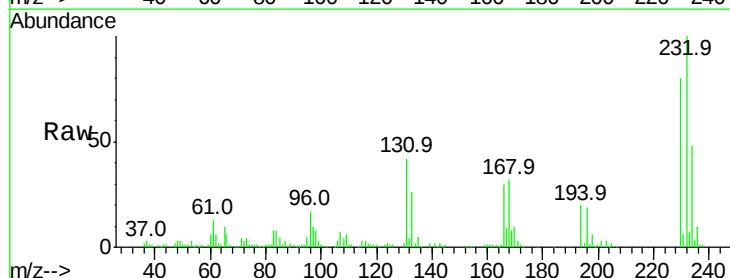
Instrument :
 BNA_F
 ClientSampleId :

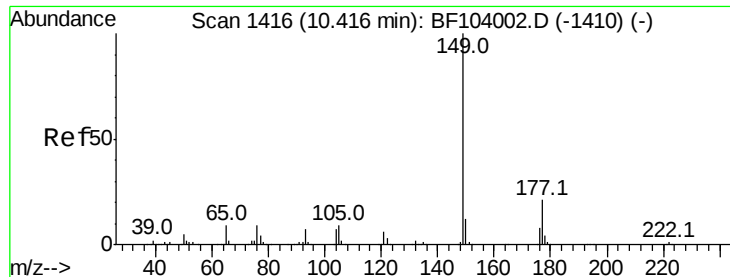
Tot Ion:166 Resp: 613077
 Ion Ratio Lower Upper
 166 100
 165 100.1 79.8 119.8
 167 13.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.742 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.00 min
 Lab File: BF104191.D
 Acq: 3 Apr 2018 20:38

Tgt Ion:232 Resp: 165108
 Ion Ratio Lower Upper
 232 100
 131 43.2 43.8 65.8#
 130 2.2 2.1 3.1
 166 28.8 27.8 41.6

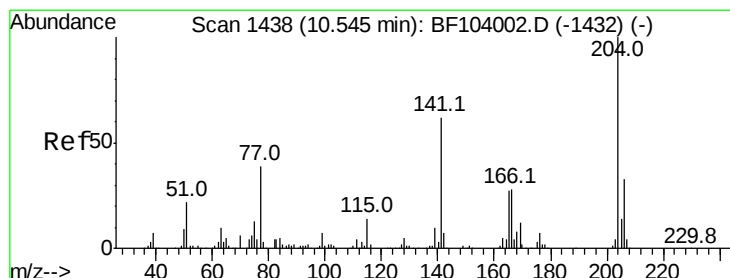
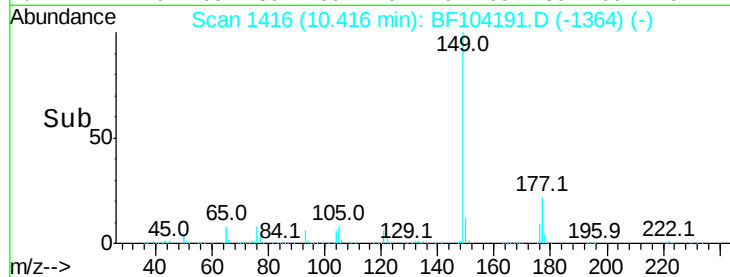
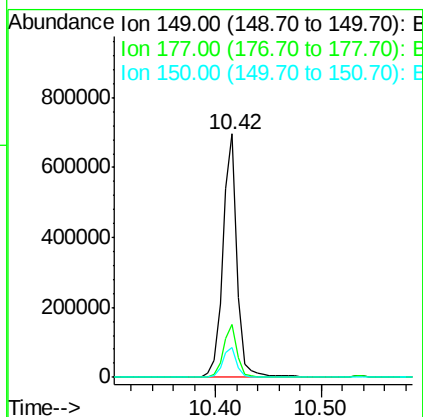
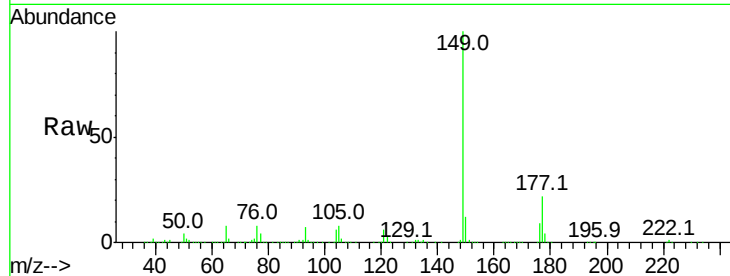




#59
Diethylphthalate
Concen: 35.502 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BF104191.D
Acq: 3 Apr 2018 20:38

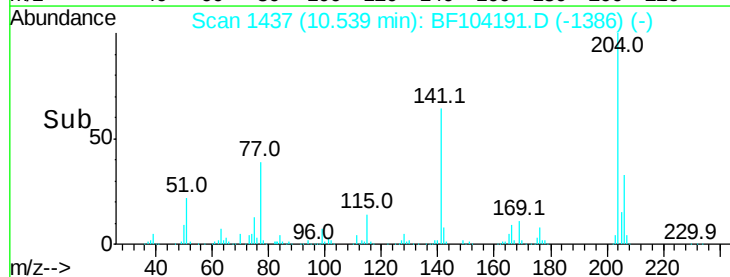
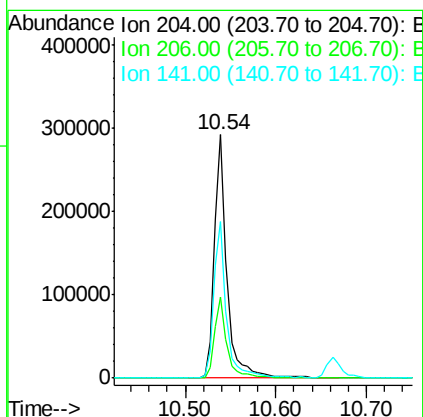
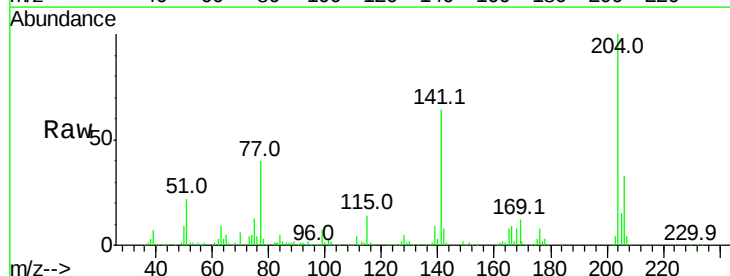
Instrument :
BNA_F
ClientSampled :

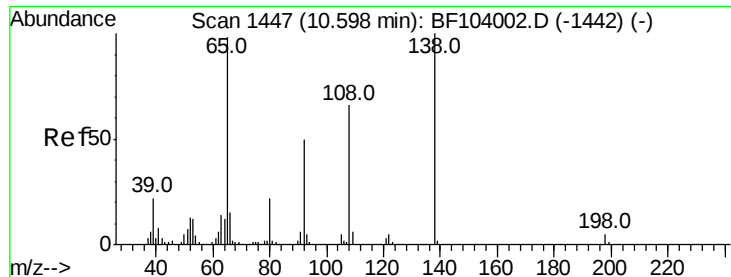
Tot Ion:149 Resp: 651488
Ion Ratio Lower Upper
149 100
177 21.8 16.1 24.1
150 12.1 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 35.958 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BF104191.D
Acq: 3 Apr 2018 20:38

Tgt Ion:204 Resp: 286382
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 64.3 54.6 81.8





#61

4-Nitroaniline

Concen: 34.454 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

Instrument :

BNA_F

ClientSampleId :

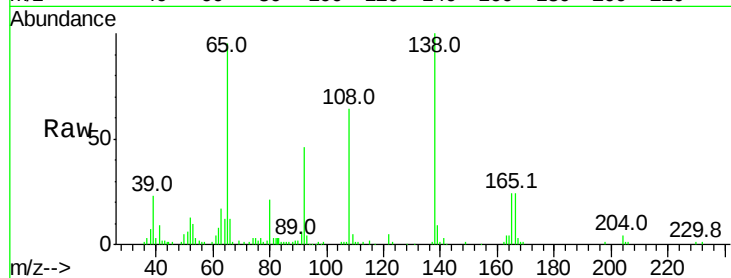
Tot Ion:138 Resp: 152728

Ion Ratio Lower Upper

138 100

92 46.5 30.2 70.2

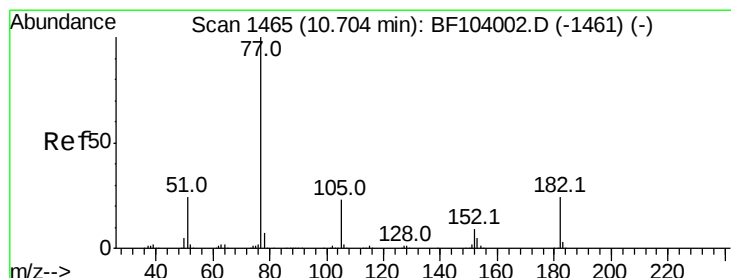
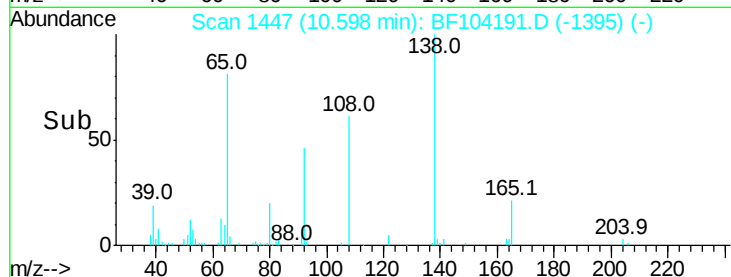
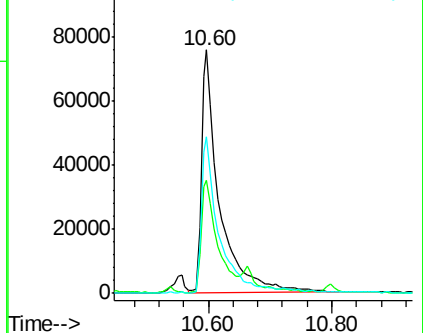
108 64.5 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 35.040 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.00 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

Tgt Ion: 77 Resp: 581426

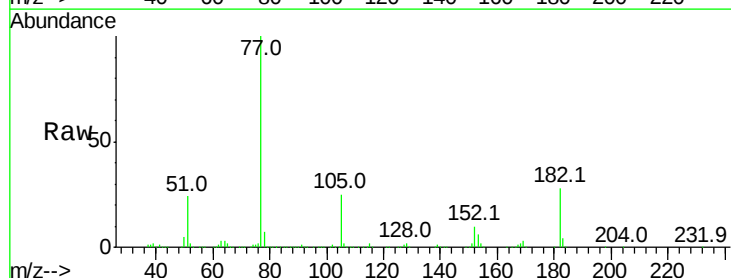
Ion Ratio Lower Upper

77 100

182 28.0 1.7 41.7

105 25.2 3.0 43.0

51 24.1 9.9 49.9

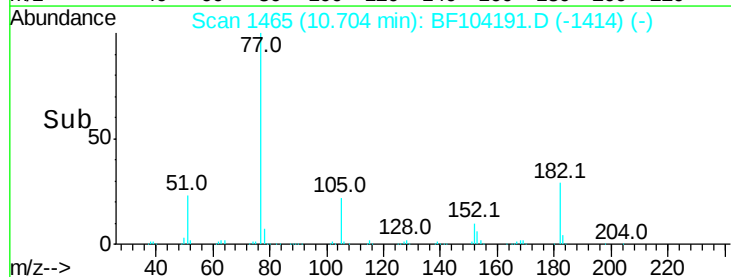
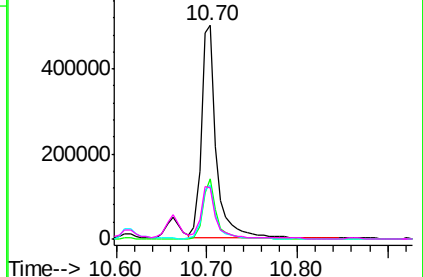


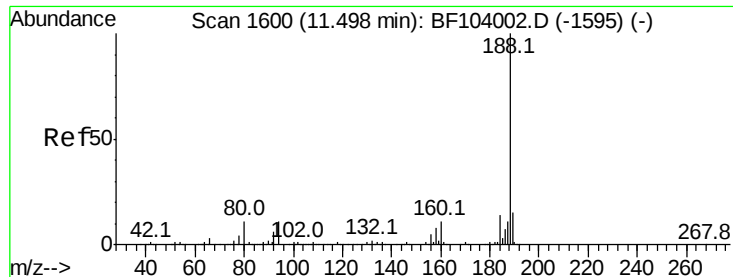
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

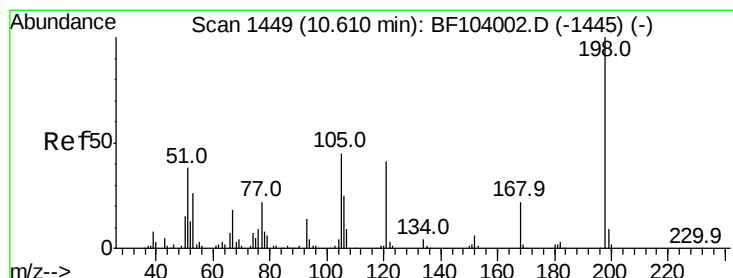
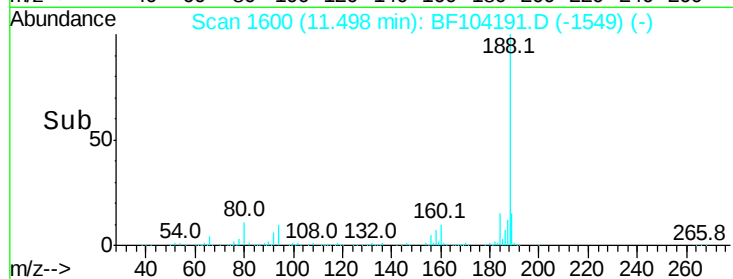
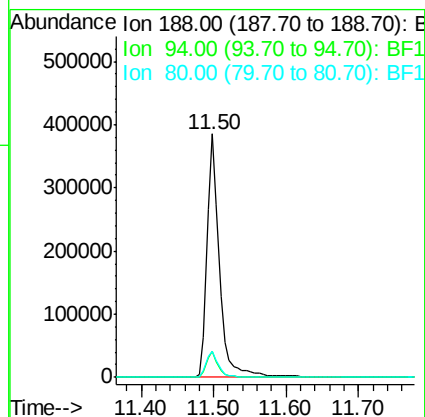
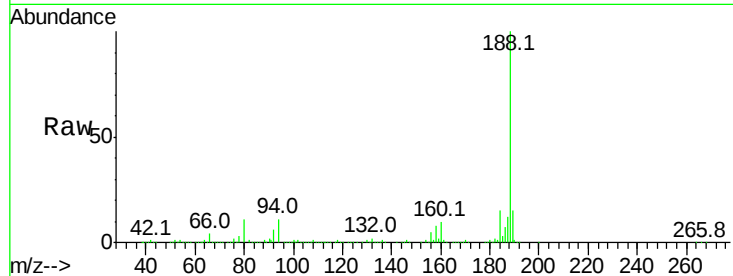




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104191.D
Acq: 3 Apr 2018 20:38

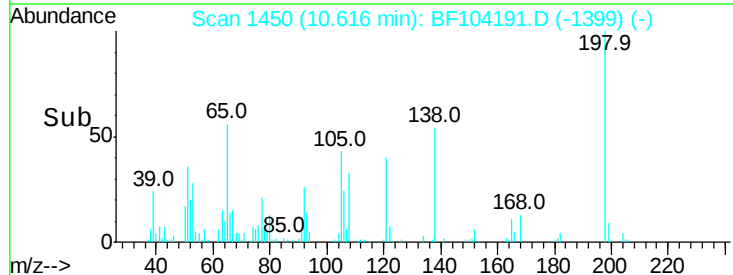
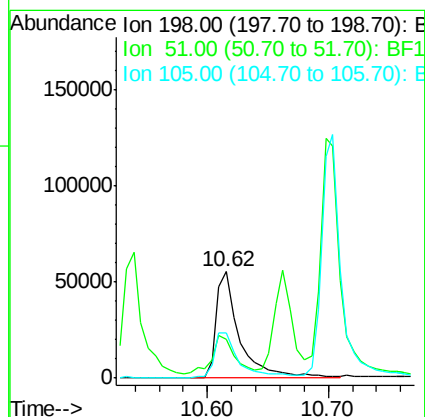
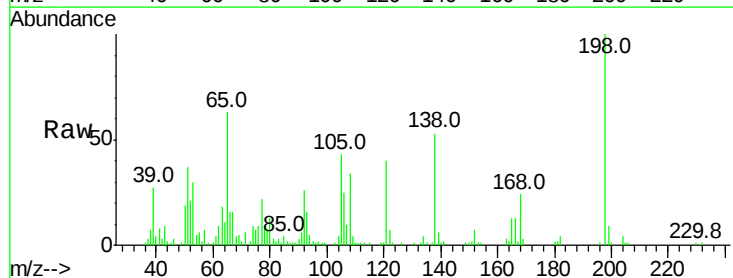
Instrument :
BNA_F
ClientSampleId :

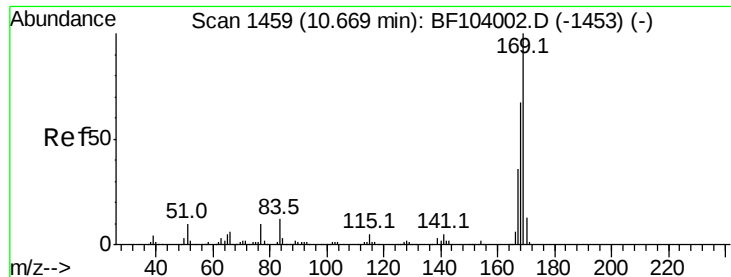
Tot Ion:188 Resp: 462855
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 10.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 26.606 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BF104191.D
Acq: 3 Apr 2018 20:38

Tgt Ion:198 Resp: 74545
Ion Ratio Lower Upper
198 100
51 36.5 37.7 77.7#
105 42.8 36.3 76.3

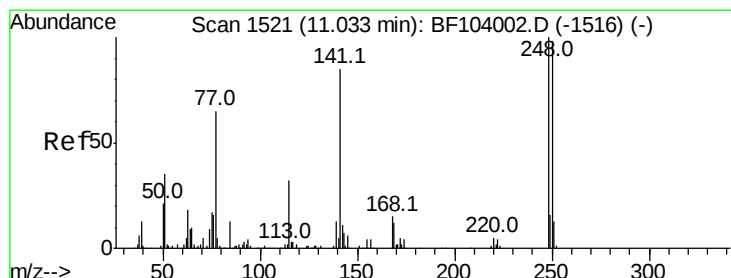
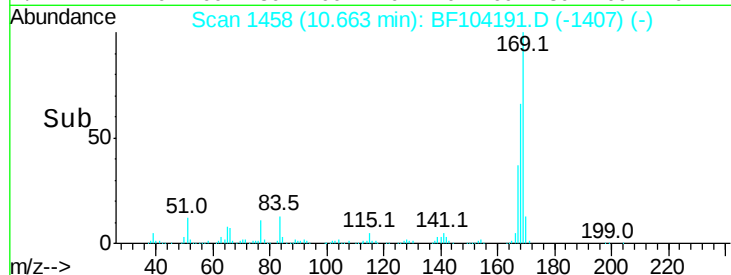
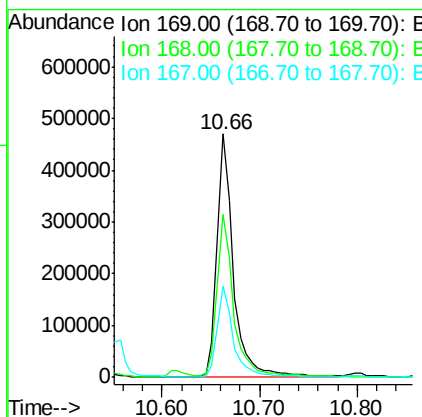
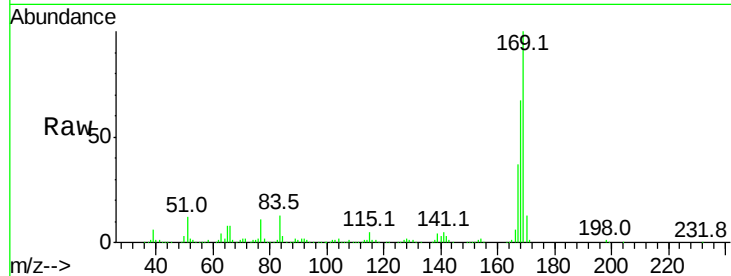




#65
 n-Nitrosodiphenylamine
 Concen: 35.420 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: BF104191.D
 Acq: 3 Apr 2018 20:38

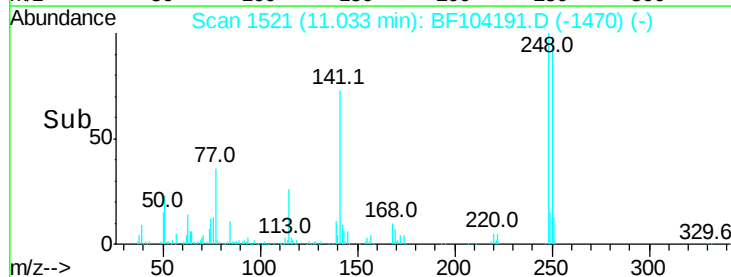
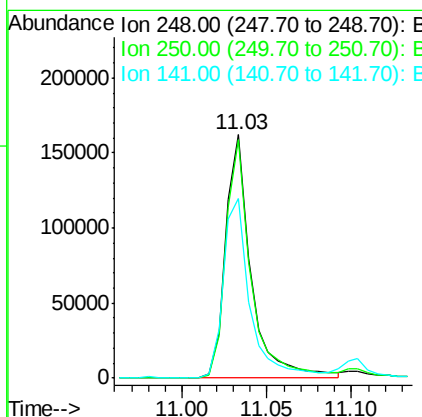
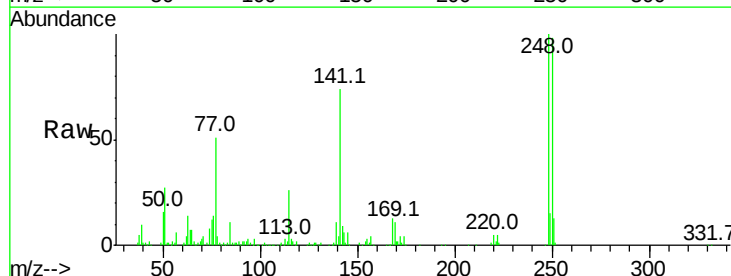
Instrument :
 BNA_F
 ClientSampleId :

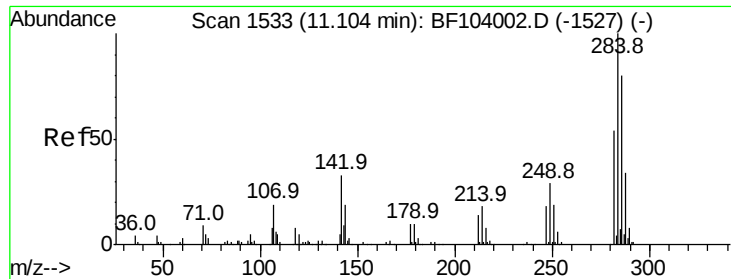
Tot Ion:169 Resp: 555214
 Ion Ratio Lower Upper
 169 100
 168 67.0 54.4 81.6
 167 37.3 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 34.651 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. -0.00 min
 Lab File: BF104191.D
 Acq: 3 Apr 2018 20:38

Tgt Ion:248 Resp: 171589
 Ion Ratio Lower Upper
 248 100
 250 97.8 76.9 115.3
 141 73.7 74.4 111.6#

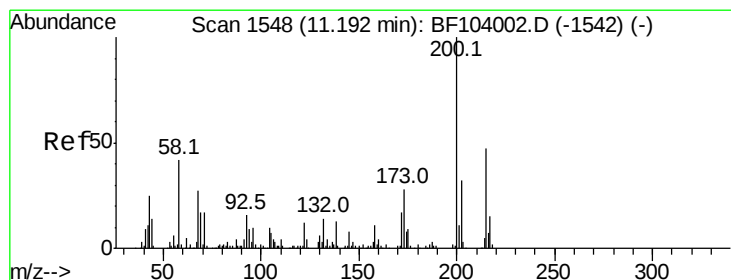
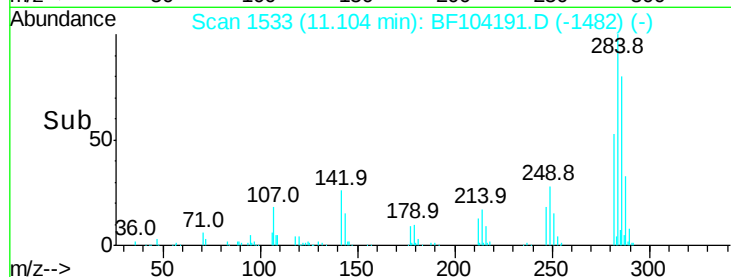
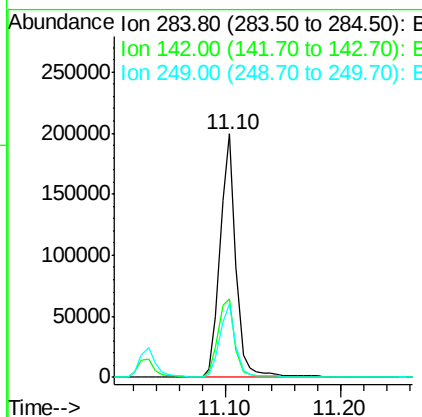
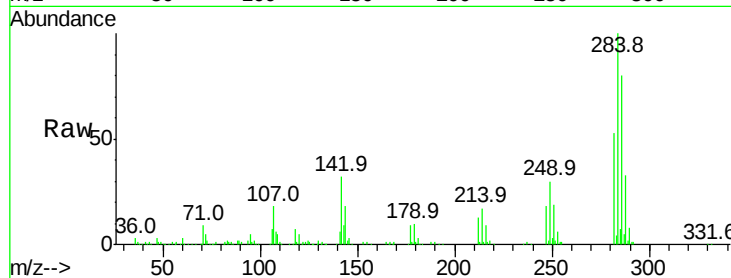




#67
Hexachlorobenzene
Concen: 33.709 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF104191.D
Acq: 3 Apr 2018 20:38

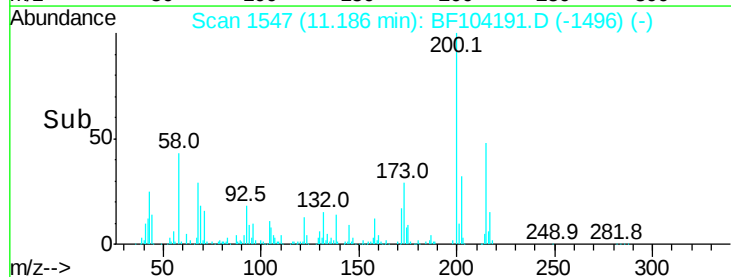
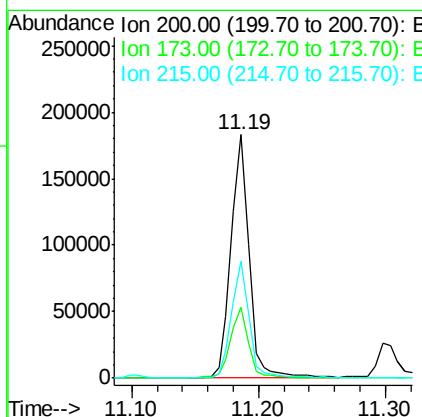
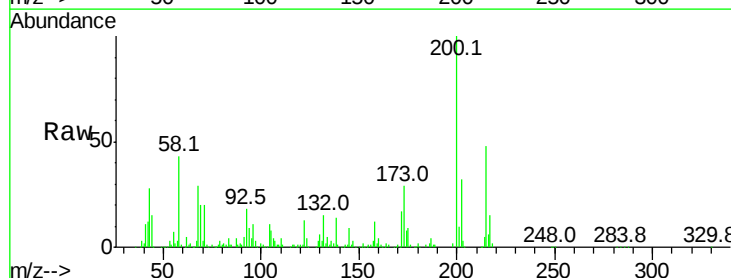
Instrument :
BNA_F
ClientSampled :

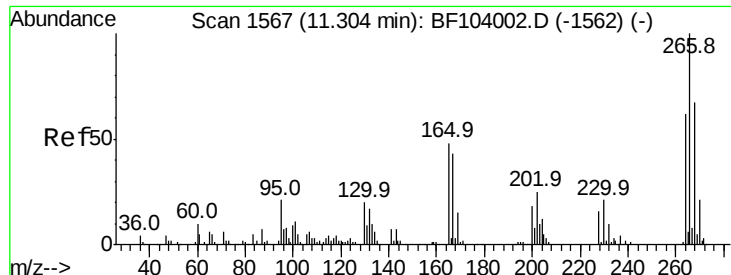
Tot Ion	Ratio	Lower	Upper
284	100		
142	32.0	34.6	52.0#
249	30.1	24.8	37.2



#68
Atrazine
Concen: 37.895 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.00 min
Lab File: BF104191.D
Acq: 3 Apr 2018 20:38

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.8	8.6	48.6
215	48.1	25.1	65.1

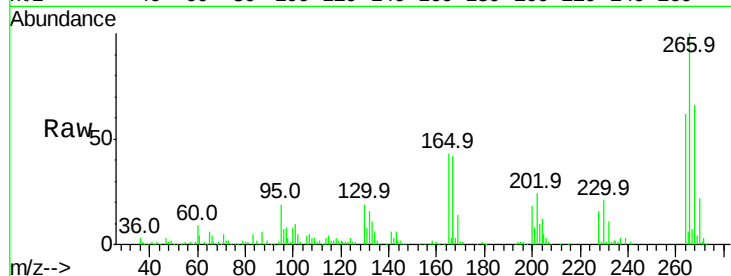




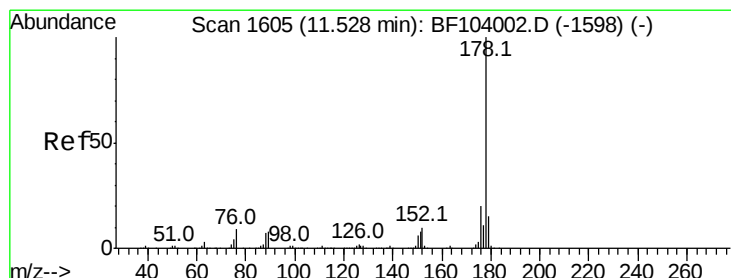
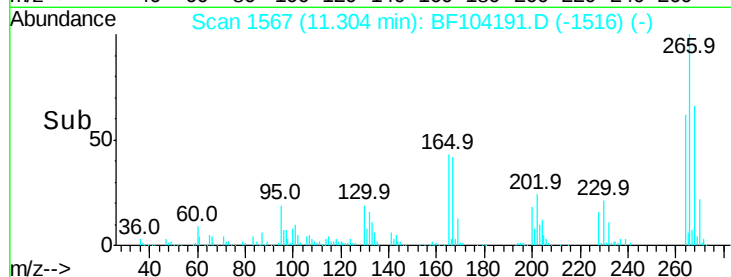
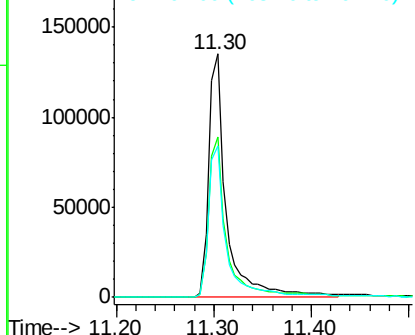
#69
 Pentachlorophenol
 Concen: 54.702 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: BF104191.D
 Acq: 3 Apr 2018 20:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 171464
 Ion Ratio Lower Upper
 266 100
 268 66.0 51.1 76.7
 264 62.2 49.5 74.3

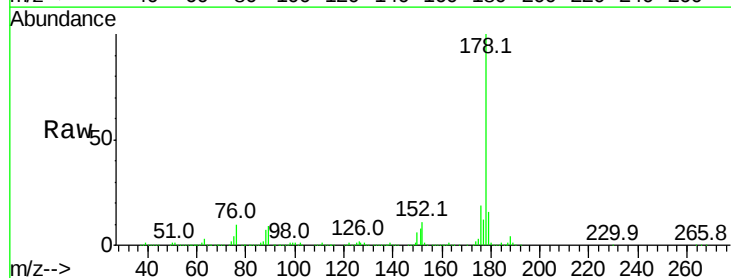


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

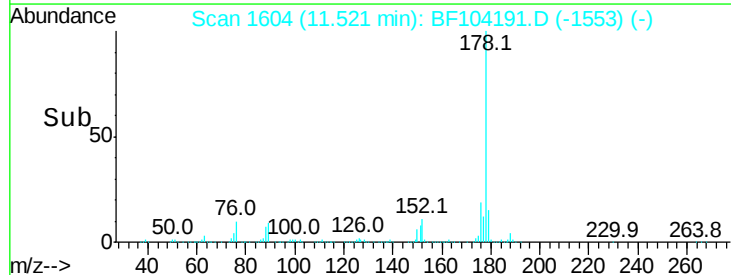
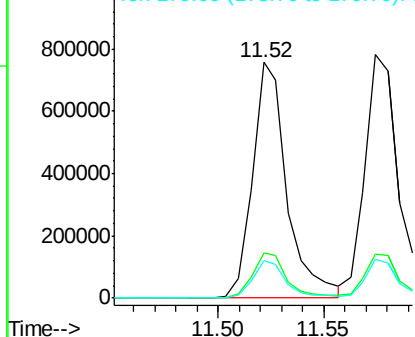


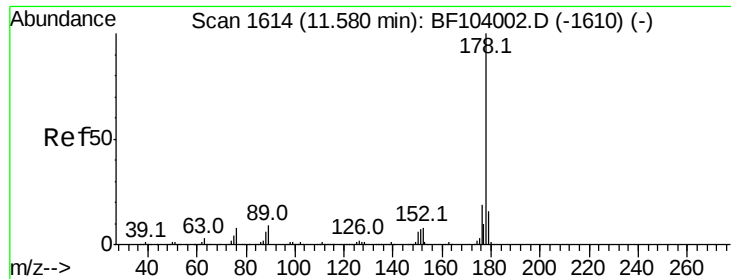
#70
 Phenanthrene
 Concen: 34.240 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.00 min
 Lab File: BF104191.D
 Acq: 3 Apr 2018 20:38

Tgt Ion:178 Resp: 858040
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 15.7 13.0 19.6



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

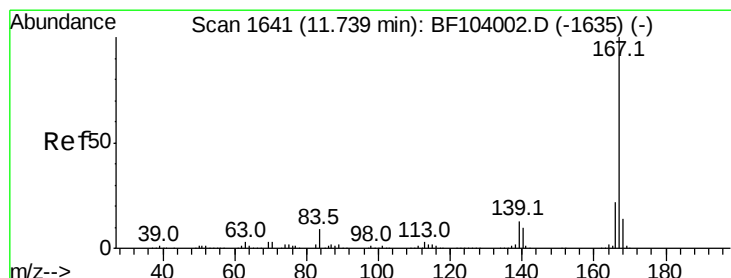
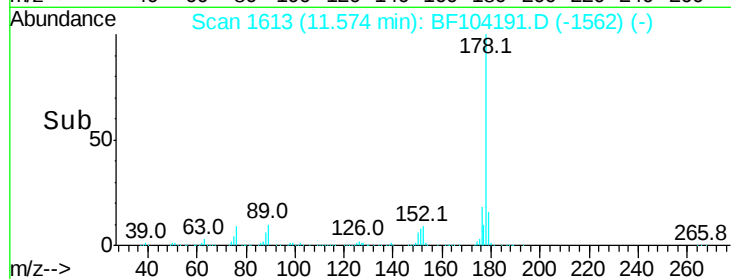
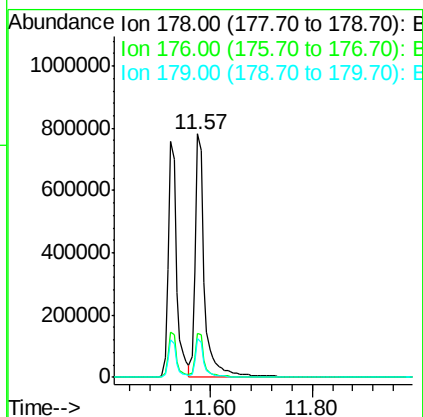
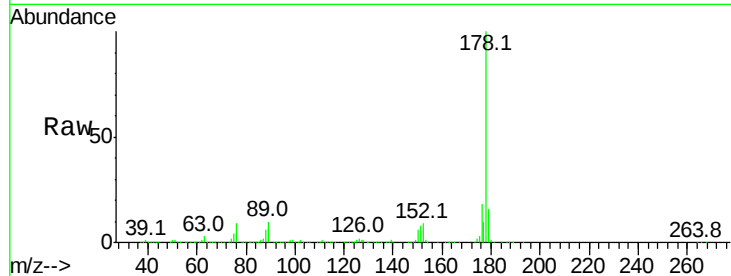




#71
 Anthracene
 Concen: 37.784 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.00 min
 Lab File: BF104191.D
 Acq: 3 Apr 2018 20:38

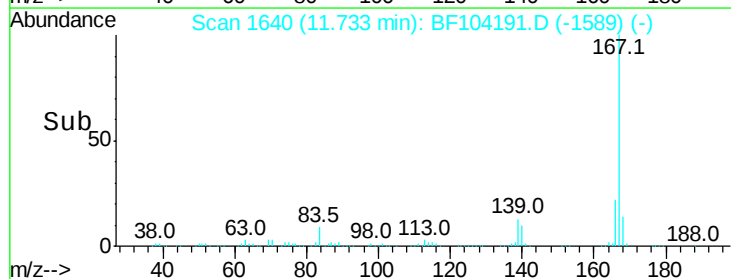
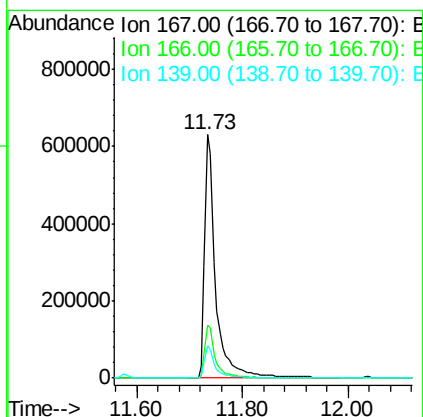
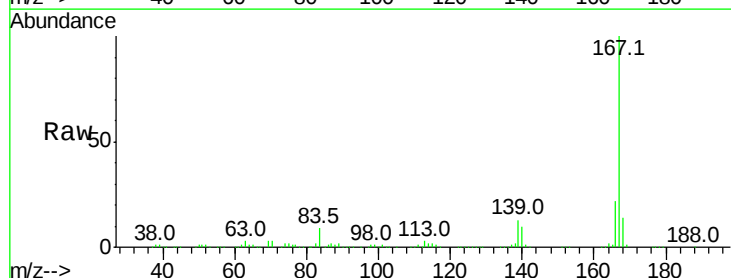
Instrument :
 BNA_F
 ClientSampled :

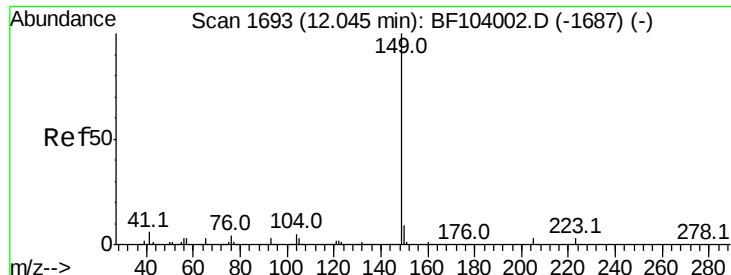
Tot Ion:178 Resp: 989019
 Ion Ratio Lower Upper
 178 100
 176 18.1 15.4 23.2
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 36.514 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. -0.00 min
 Lab File: BF104191.D
 Acq: 3 Apr 2018 20:38

Tgt Ion:167 Resp: 912212
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.6 26.4
 139 13.1 10.9 16.3

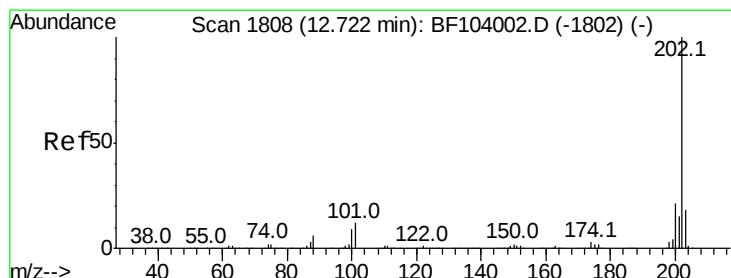
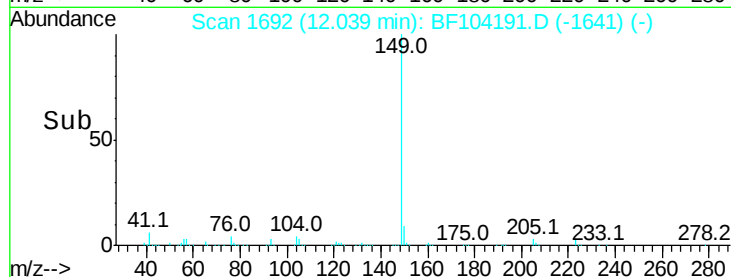
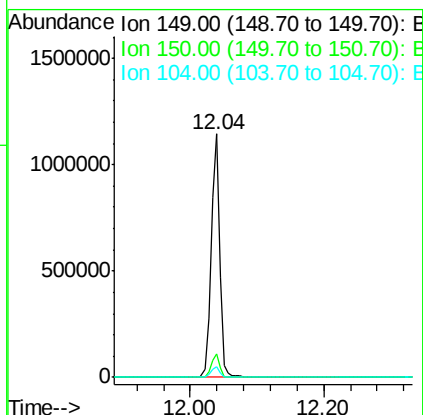
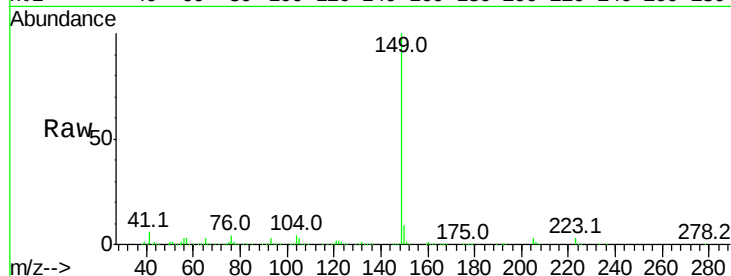




#73
Di-n-butylphthalate
Concen: 34.627 ng
RT: 12.04 min Scan# 1692
Delta R.T. -0.00 min
Lab File: BF104191.D
Acq: 3 Apr 2018 20:38

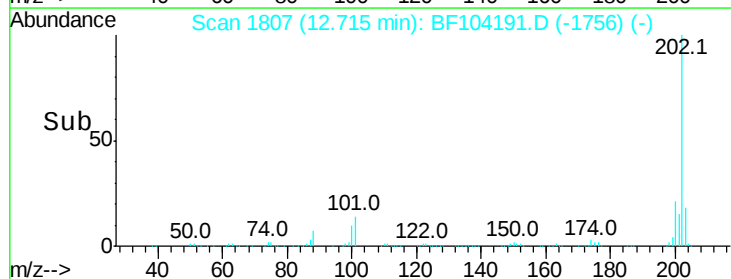
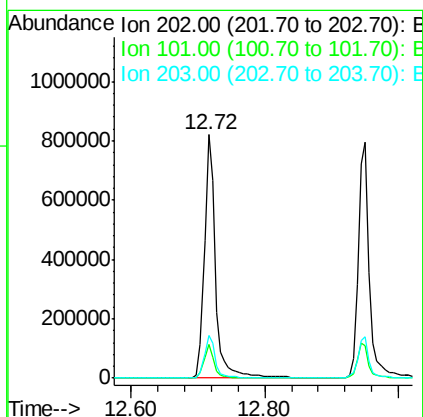
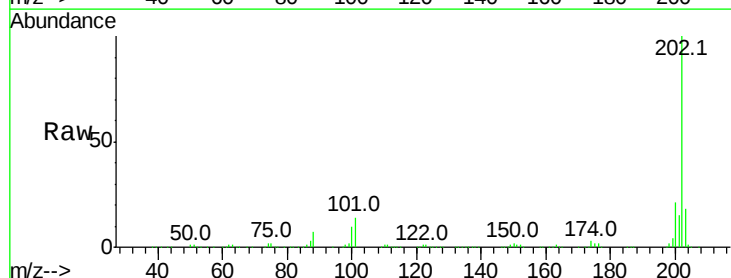
Instrument :
BNA_F
ClientSampleId :

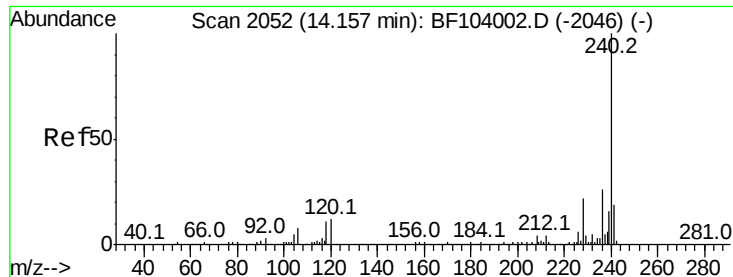
Tot Ion:149 Resp: 1030441
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 4.5 3.8 5.8



#74
Fluoranthene
Concen: 35.167 ng
RT: 12.72 min Scan# 1807
Delta R.T. -0.00 min
Lab File: BF104191.D
Acq: 3 Apr 2018 20:38

Tgt Ion:202 Resp: 936739
Ion Ratio Lower Upper
202 100
101 13.7 0.0 34.1
203 17.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

Instrument :

BNA_F

ClientSampleId :

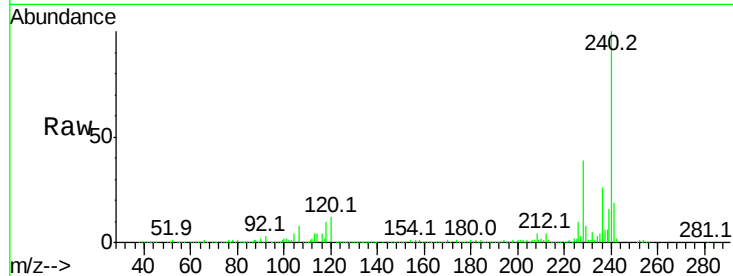
Tot Ion:240 Resp: 339187

Ion Ratio Lower Upper

240 100

120 11.6 9.5 14.3

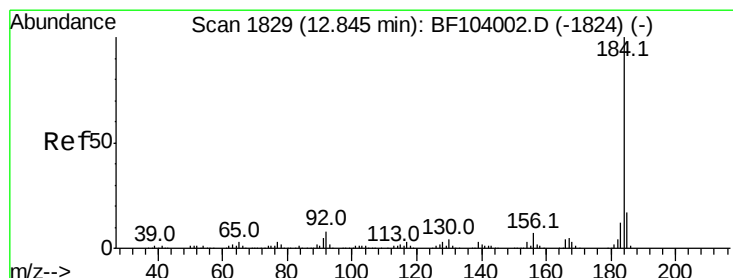
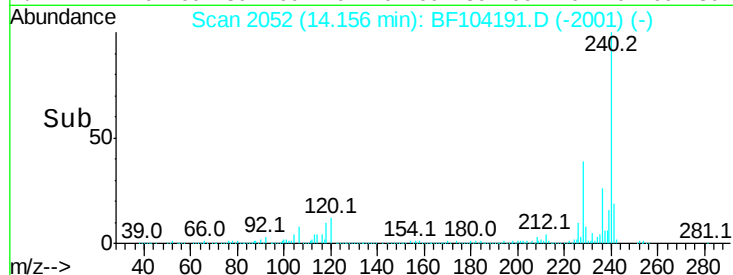
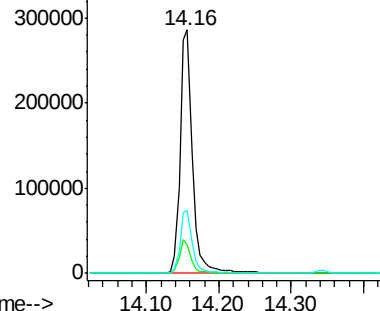
236 26.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.411 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

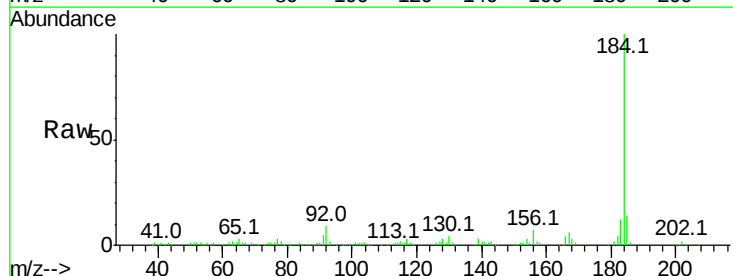
Tgt Ion:184 Resp: 322949

Ion Ratio Lower Upper

184 100

185 13.6 12.6 18.8

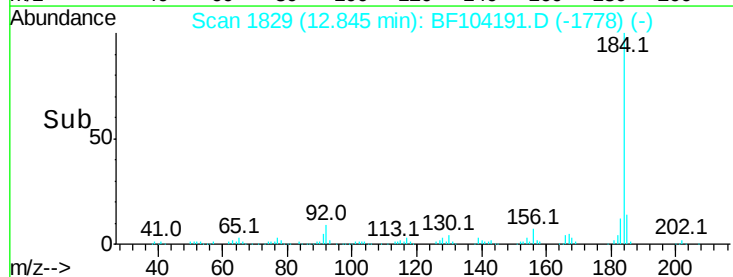
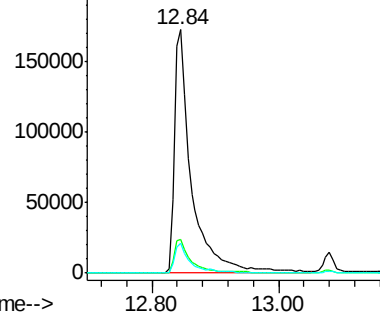
183 12.0 9.3 13.9

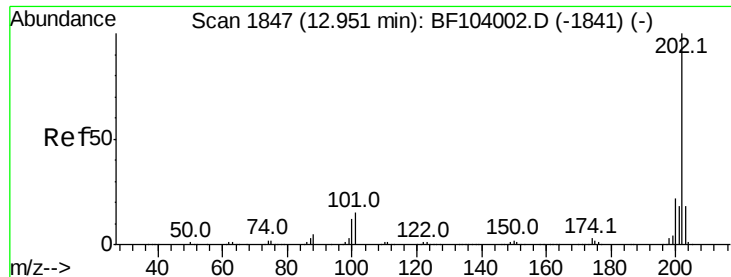


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

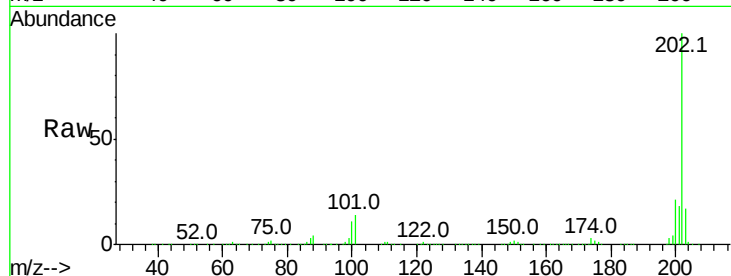




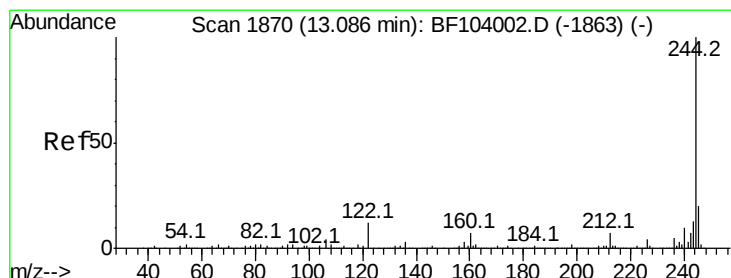
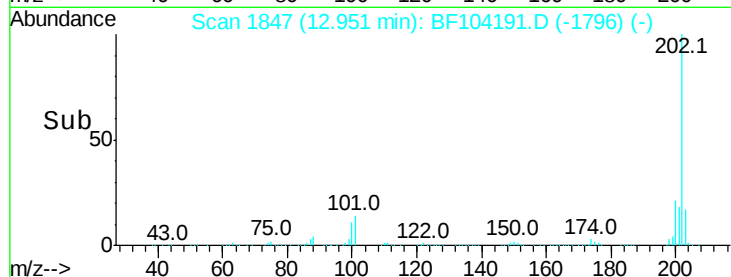
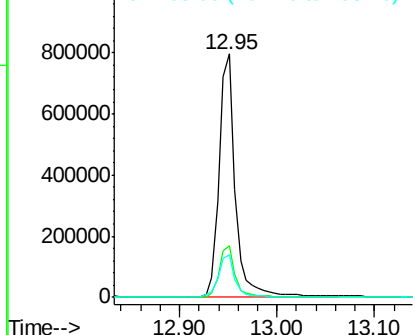
#77
Pvrene
Concen: 37.673 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BF104191.D
Acq: 3 Apr 2018 20:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 918566
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 17.3 14.3 21.5

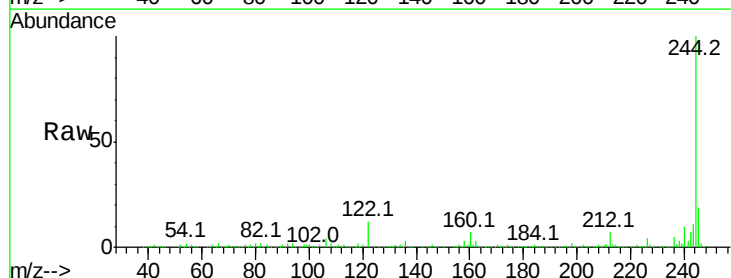


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

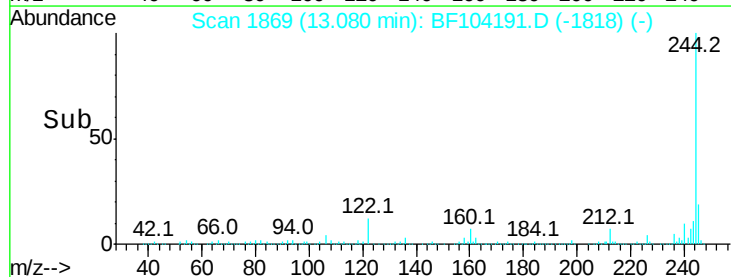
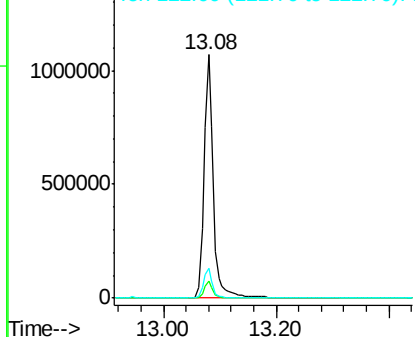


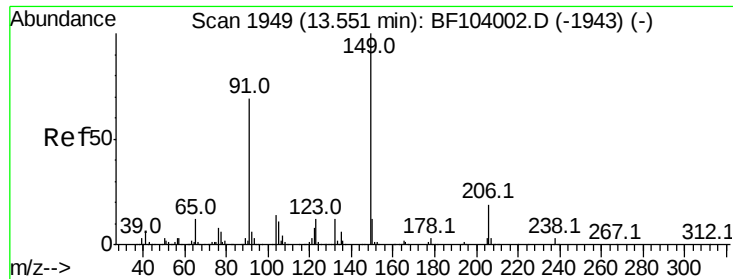
#78
Terphenyl-d14
Concen: 84.315 ng
RT: 13.08 min Scan# 1869
Delta R.T. -0.00 min
Lab File: BF104191.D
Acq: 3 Apr 2018 20:38

Tgt Ion:244 Resp: 1238593
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 12.3 11.0 16.4



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

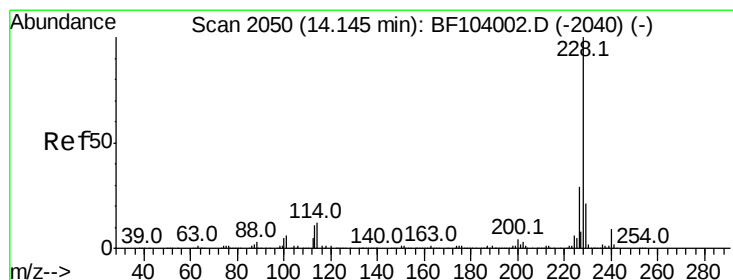
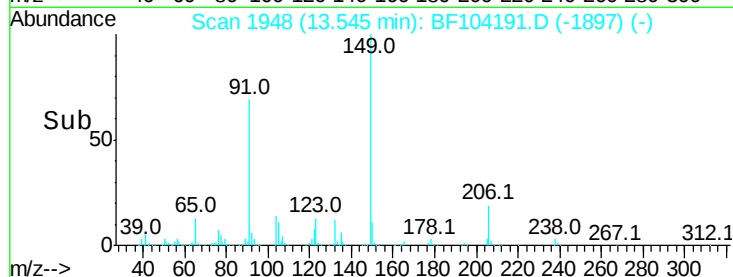
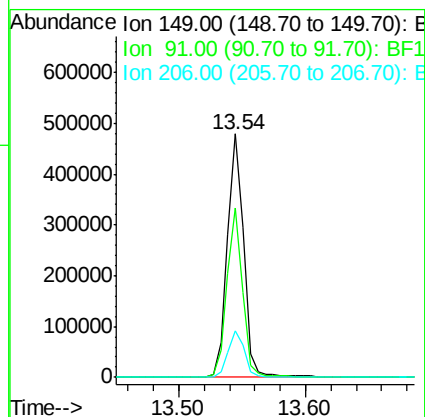
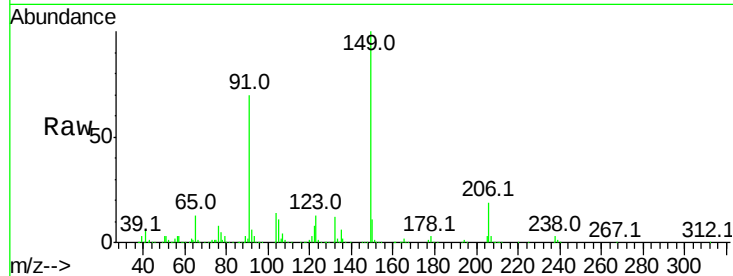




#79
Butylbenzylphthalate
Concen: 37.481 ng
RT: 13.54 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BF104191.D
Acq: 3 Apr 2018 20:38

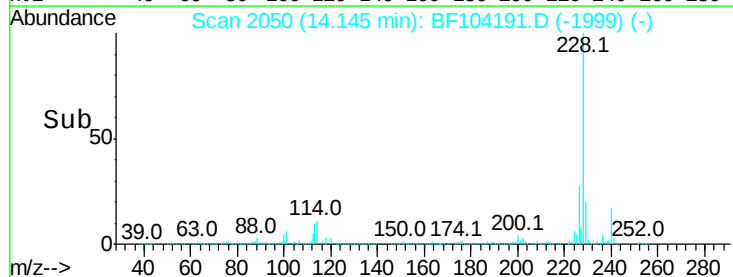
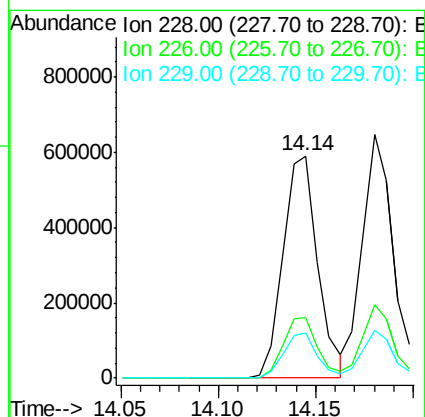
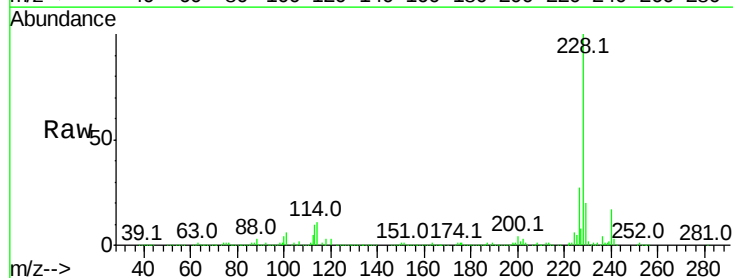
Instrument :
BNA_F
ClientSampleId :

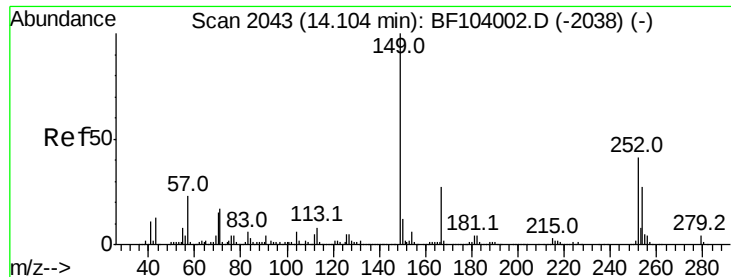
Tot Ion:149 Resp: 430555
Ion Ratio Lower Upper
149 100
91 69.6 56.8 85.2
206 18.9 14.1 21.1



#80
Benzo(a)anthracene
Concen: 34.184 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.00 min
Lab File: BF104191.D
Acq: 3 Apr 2018 20:38

Tgt Ion:228 Resp: 725502
Ion Ratio Lower Upper
228 100
226 27.2 22.6 33.8
229 20.1 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 25.691 ng

RT: 14.10 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

Instrument :

BNA_F

ClientSampleId :

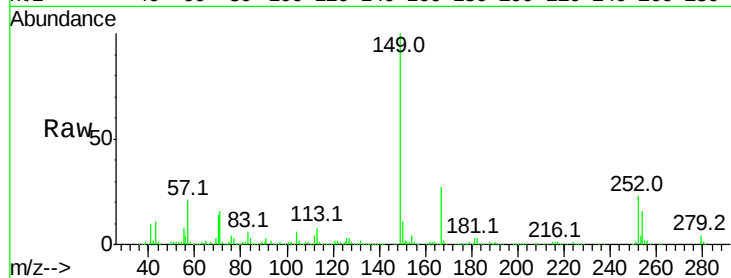
Tot Ion:252 Resp: 180480

Ion Ratio Lower Upper

252 100

254 67.5 50.4 75.6

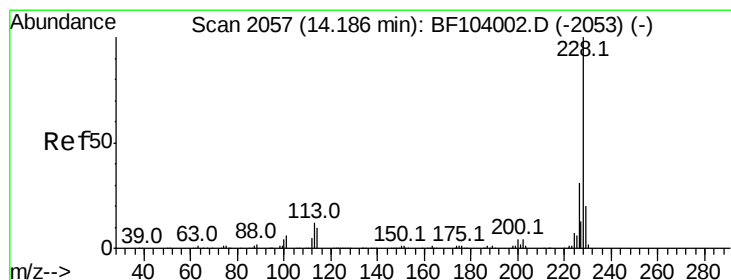
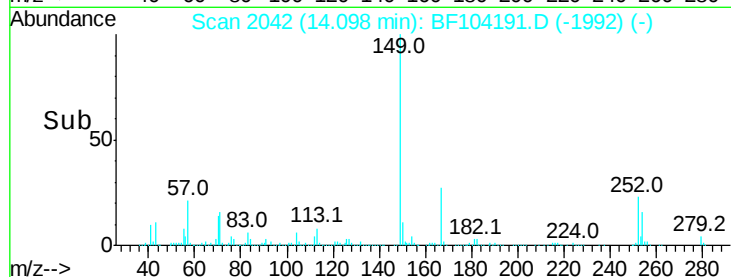
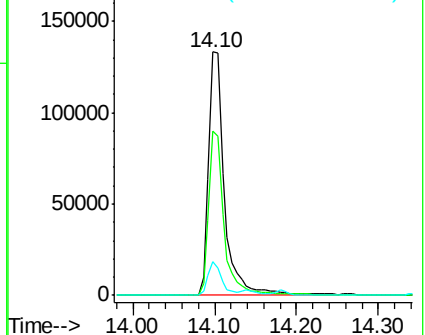
126 13.8 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 37.305 ng

RT: 14.18 min Scan# 2056

Delta R.T. -0.01 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

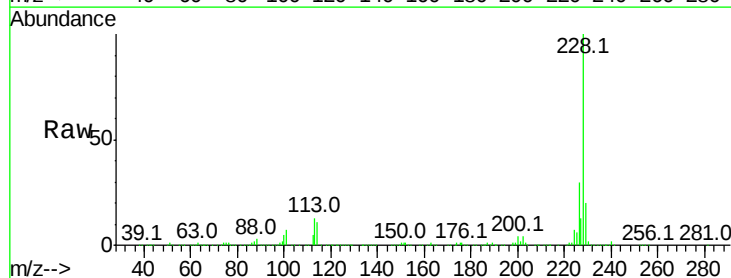
Tgt Ion:228 Resp: 775485

Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.6

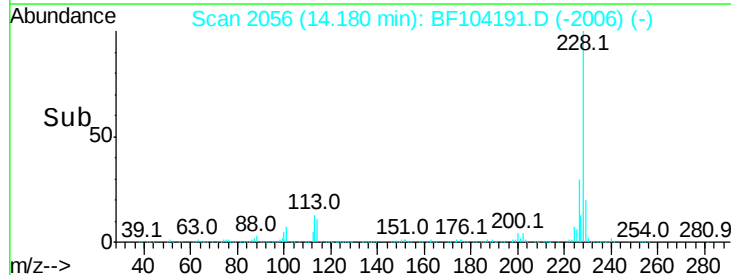
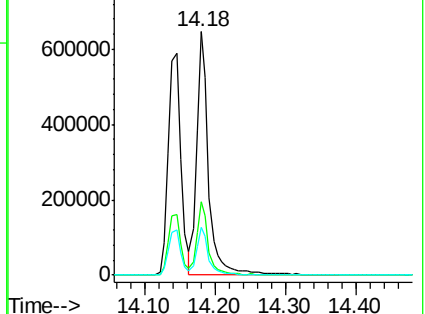
229 19.9 16.2 24.4

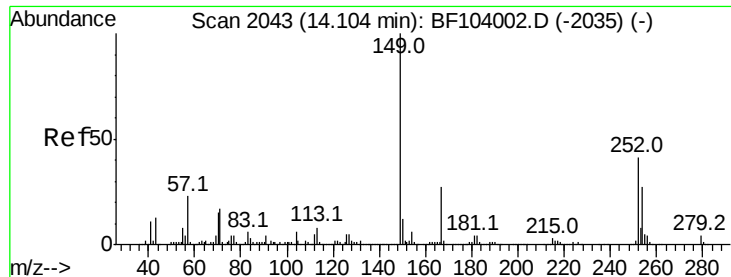


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.547 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

Instrument :

BNA_F

ClientSampleId :

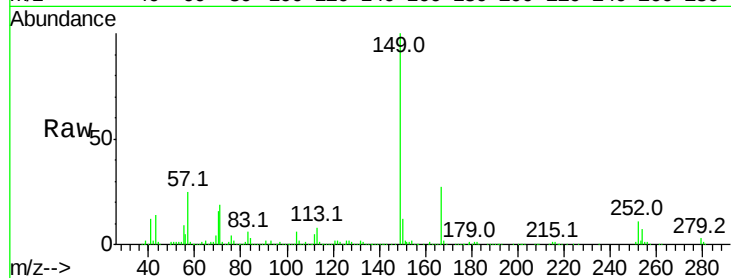
Tot Ion:149 Resp: 572133

Ion Ratio Lower Upper

149 100

167 26.6 21.3 31.9

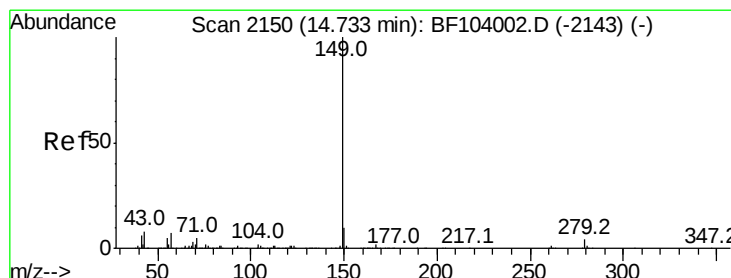
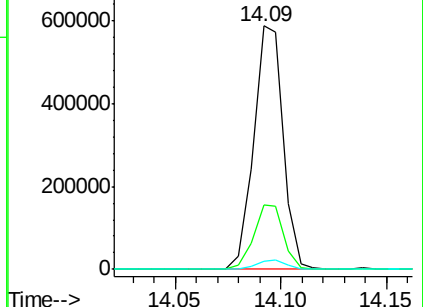
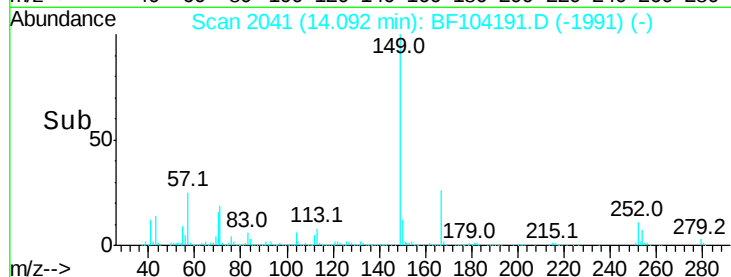
279 3.3 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.297 ng

RT: 14.72 min Scan# 2147

Delta R.T. -0.01 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

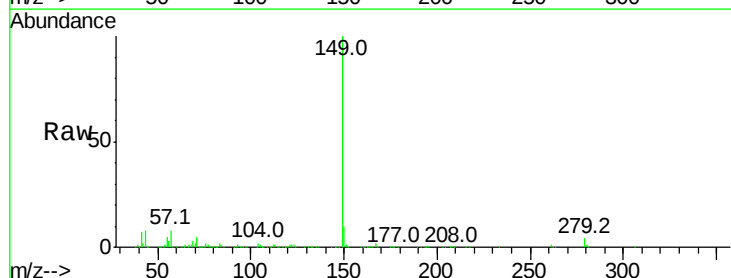
Tgt Ion:149 Resp: 952258

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

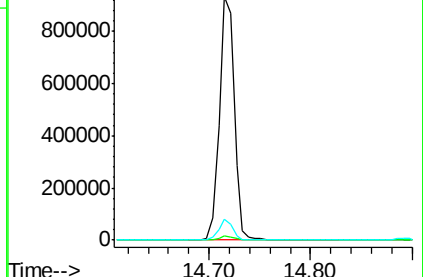
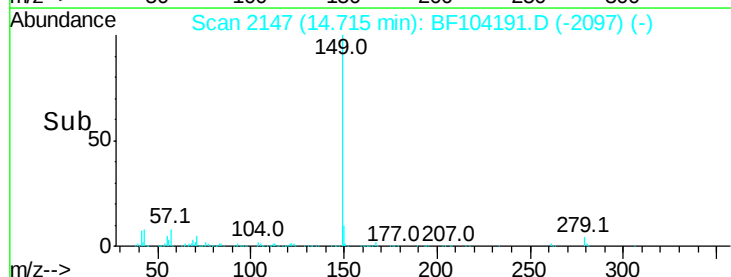
43 7.6 8.4 12.6#

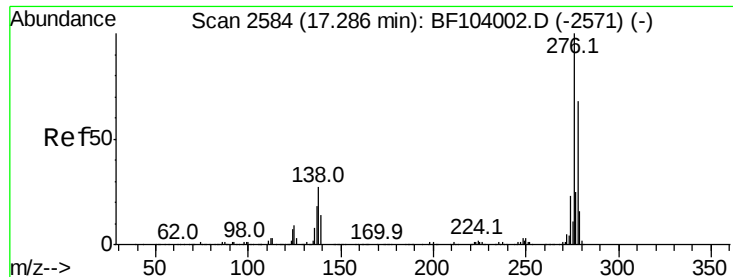


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

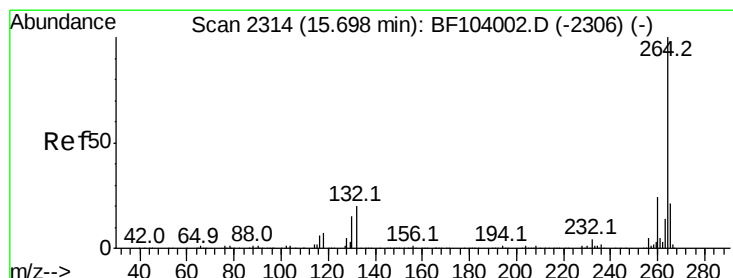
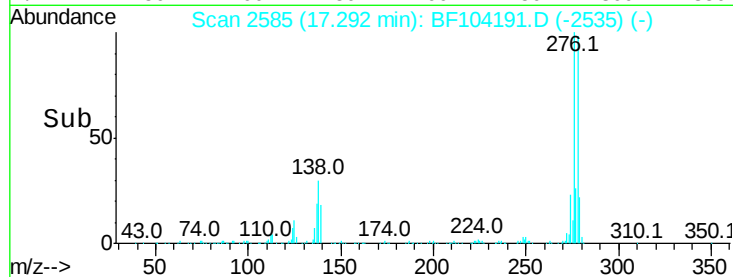
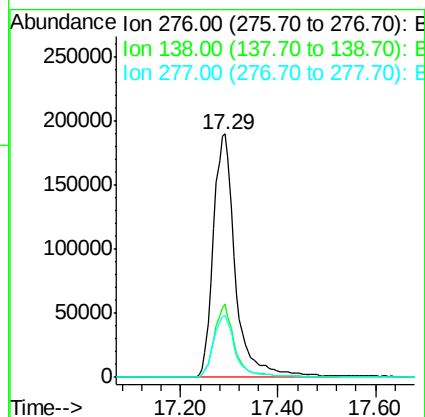
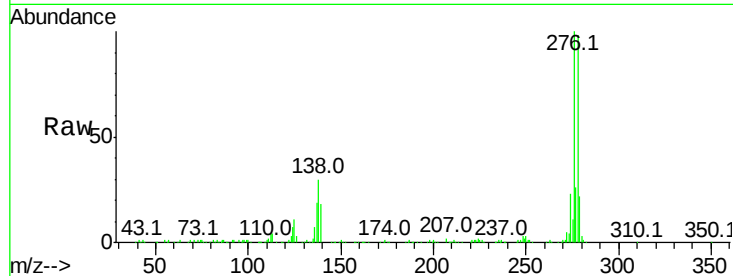




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 27.829 ng
 RT: 17.29 min Scan# 2585
 Delta R.T. -0.01 min
 Lab File: BF104191.D
 Acq: 3 Apr 2018 20:38

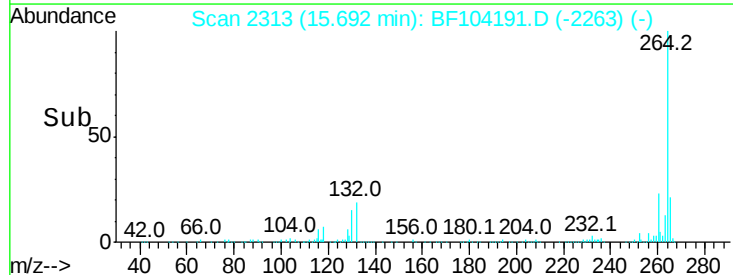
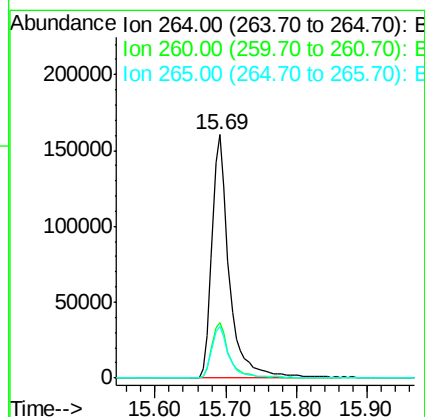
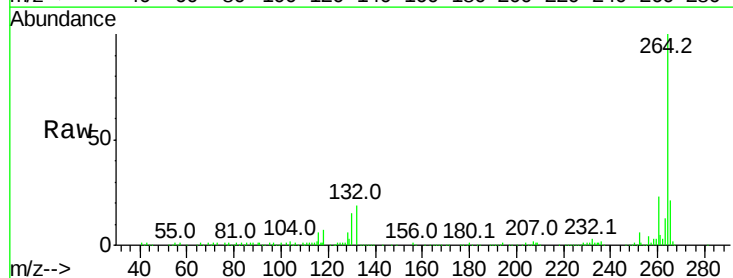
Instrument :
 BNA_F
 ClientSampleId :

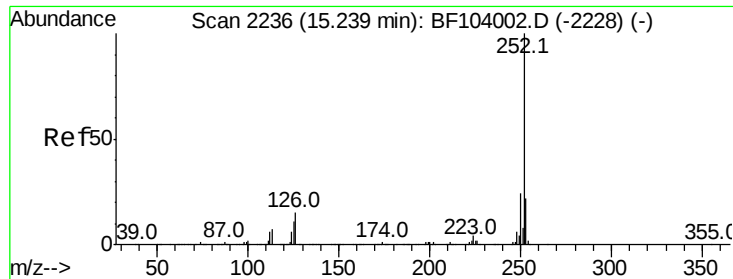
Tot Ion:276 Resp: 599457
 Ion Ratio Lower Upper
 276 100
 138 27.5 25.0 37.6
 277 25.7 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2313
 Delta R.T. -0.01 min
 Lab File: BF104191.D
 Acq: 3 Apr 2018 20:38

Tgt Ion:264 Resp: 275916
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 21.3 17.5 26.3

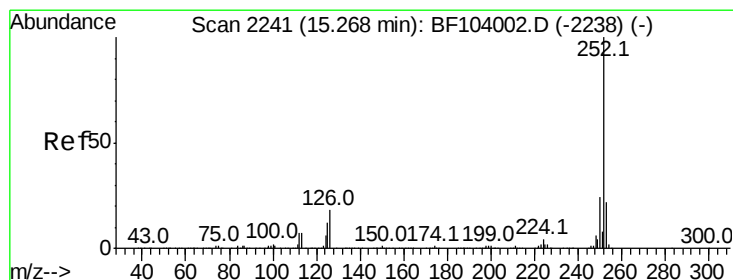
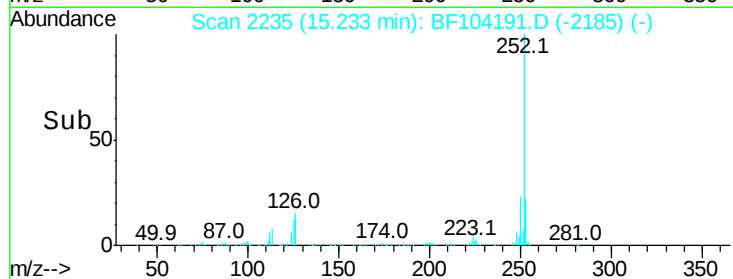
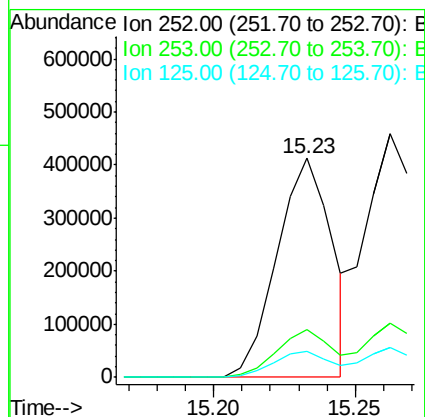
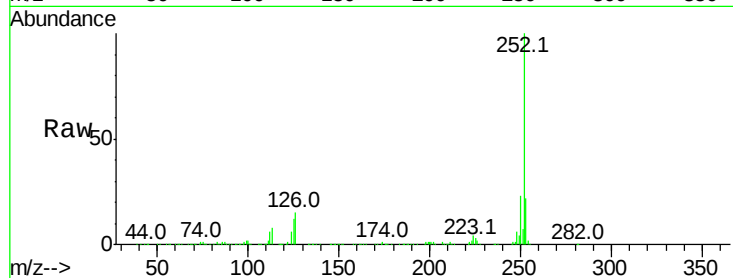




#87
Benzo(b)fluoranthene
Concen: 33.131 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF104191.D
Acq: 3 Apr 2018 20:38

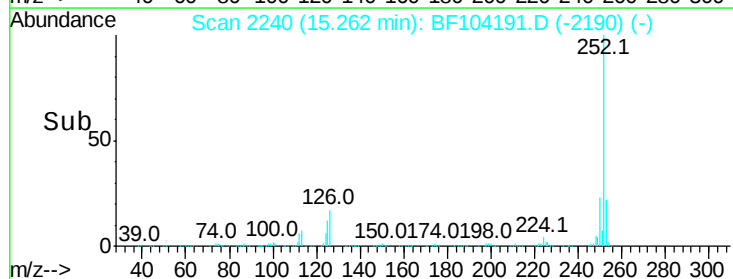
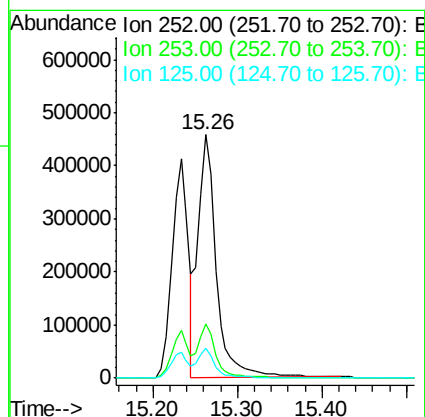
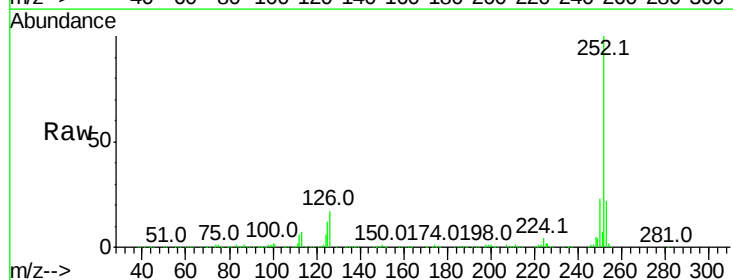
Instrument :
BNA_F
ClientSampleId :

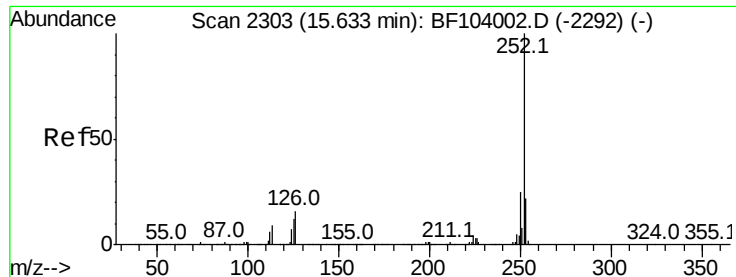
Tot Ion:252 Resp: 556336
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 12.1 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 43.075 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF104191.D
Acq: 3 Apr 2018 20:38

Tgt Ion:252 Resp: 681367
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 12.1 10.2 15.2





#89

Benzo(a)pyrene

Concen: 36.749 ng

RT: 15.63 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

Instrument :

BNA_F

ClientSampleId :

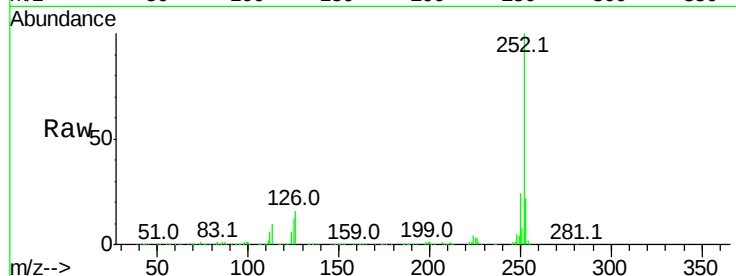
Tot Ion:252 Resp: 571854

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

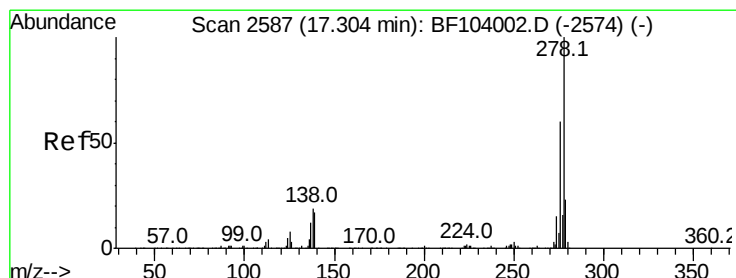
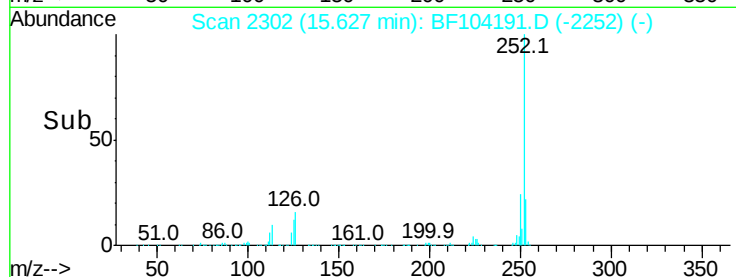
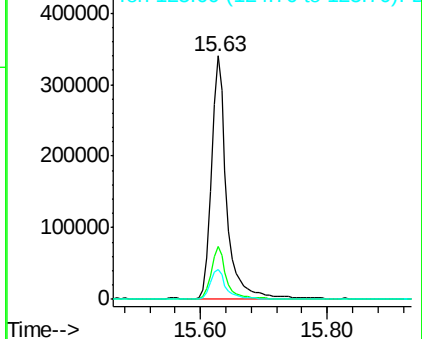
125 12.4 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 34.558 ng

RT: 17.30 min Scan# 2586

Delta R.T. -0.01 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

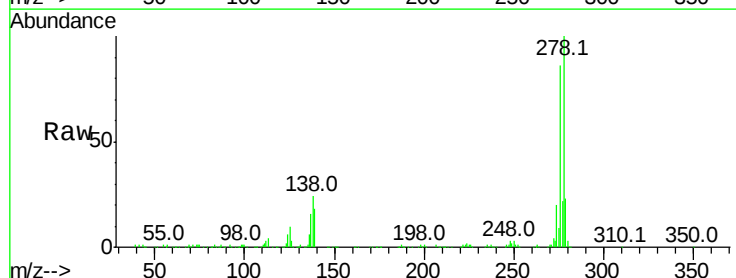
Tgt Ion:278 Resp: 497198

Ion Ratio Lower Upper

278 100

139 17.5 15.9 23.9

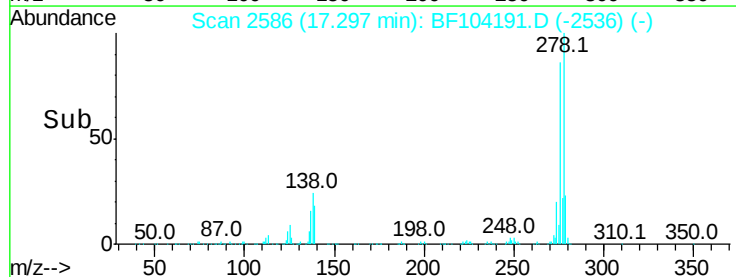
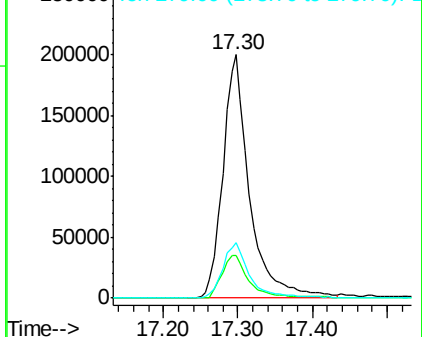
279 22.7 19.0 28.4

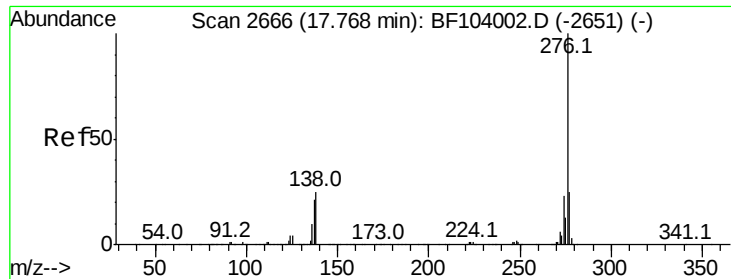


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 34.219 ng
 RT: 17.77 min Scan# 2666
 Delta R.T. -0.01 min
 Lab File: BF104191.D
 Acq: 3 Apr 2018 20:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	276	Resp:	493116
Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	23.7	21.8	32.8

