

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
 Data File : BF107097.D
 Acq On : 3 Jul 2018 23:01
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 00:34:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	45193	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	161291	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	70661	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	151889	20.00	ng	0.00
75) Chrysene-d12	14.15	240	128906	20.00	ng	-0.02
86) Perylene-d12	15.68	264	94492	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	230853	86.50	ng	0.00
7) Phenol-d6	6.60	99	262223	78.68	ng	-0.01
23) Nitrobenzene-d5	7.52	82	230147	79.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	70225	85.75	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	395485	96.78	ng	-0.01
78) Terphenyl-d14	13.08	244	537553	101.01	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.77	88	55769	40.644	ng	98
3) Pyridine	3.57	79	149053	40.055	ng	95
4) n-Nitrosodimethylamine	3.53	42	58241	36.849	ng	90
6) Aniline	6.62	93	174751	38.652	ng	92
8) 2-Chlorophenol	6.75	128	117244	40.052	ng	98
9) Benzaldehyde	6.51	77	84178	36.334	ng	98
10) Phenol	6.62	94	145000	38.121	ng	# 49
11) bis(2-Chloroethyl)ether	6.69	93	121819	38.794	ng	98
12) 1,3-Dichlorobenzene	6.90	146	140657	41.026	ng	98
13) 1,4-Dichlorobenzene	6.97	146	140506	40.536	ng	98
14) 1,2-Dichlorobenzene	7.12	146	130702	41.144	ng	97
15) Benzyl Alcohol	7.10	79	93986	35.119	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.22	45	144630	35.105	ng	# 35
17) 2-Methylphenol	7.22	107	99420	39.687	ng	# 91
18) Hexachloroethane	7.46	117	24333	19.963	ng	96
19) n-Nitroso-di-n-propylamine	7.36	70	83996	38.233	ng	94
20) 3+4-Methylphenols	7.37	107	120257	44.265	ng	# 88
22) Acetophenone	7.37	105	161254	44.687	ng	# 98
24) Nitrobenzene	7.54	77	115892	39.111	ng	99
25) Isophorone	7.77	82	191040	37.354	ng	98
26) 2-Nitrophenol	7.85	139	21886	15.646	ng	98
27) 2,4-Dimethylphenol	7.90	122	88626	40.991	ng	96
28) bis(2-Chloroethoxy)methane	7.98	93	138098	40.217	ng	97
29) 2,4-Dichlorophenol	8.11	162	87008	38.439	ng	94
30) 1,2,4-Trichlorobenzene	8.18	180	107162	42.976	ng	97
31) Naphthalene	8.26	128	305236	40.478	ng	99
32) Benzoic acid	8.02	122	13863	13.494	ng	99
33) 4-Chloroaniline	8.31	127	121572	38.422	ng	99
34) Hexachlorobutadiene	8.37	225	73585	45.289	ng	98
35) Caprolactam	8.68	113	25191	34.141	ng	98
36) 4-Chloro-3-methylphenol	8.80	107	82922	34.804	ng	96
37) 2-Methylnaphthalene	8.95	142	200594	40.133	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	105687	44.413	ng	# 95
42) 2,4,6-Trichlorophenol	9.24	196	56759	35.883	ng	95

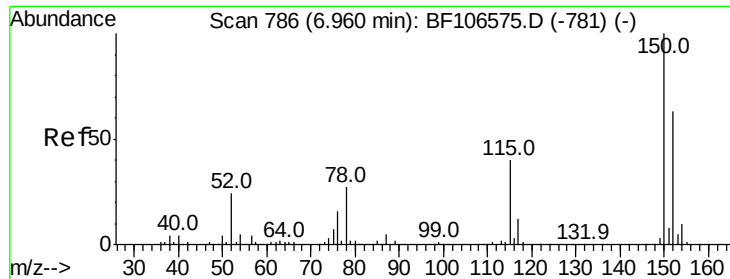
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
 Data File : BF107097.D
 Acq On : 3 Jul 2018 23:01
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 00:34:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.29	196	59426	36.004	ng	# 89
45) 1,1'-Biphenyl	9.41	154	246742	43.816	ng	98
46) 2-Chloronaphthalene	9.45	162	172230	38.855	ng	93
47) 2-Nitroaniline	9.55	65	58976	39.566	ng	98
48) Acenaphthylene	9.86	152	269812	38.554	ng	99
49) Dimethylphthalate	9.71	163	205392	38.756	ng	99
50) 2,6-Dinitrotoluene	9.78	165	30133	26.851	ng	# 83
51) Acenaphthene	10.03	154	169942	38.563	ng	98
52) 3-Nitroaniline	9.96	138	58992	45.681	ng	98
54) Dibenzofuran	10.21	168	252531	41.848	ng	93
55) 4-Nitrophenol	10.15	139	18768	20.821	ng	98
56) 2,4-Dinitrotoluene	10.20	165	32226	22.000	ng	# 94
57) Fluorene	10.55	166	202950	42.383	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	50289	38.329	ng	# 78
59) Diethylphthalate	10.41	149	192584	37.650	ng	# 93
60) 4-Chlorophenyl-phenylether	10.54	204	105596	42.146	ng	# 82
61) 4-Nitroaniline	10.58	138	63254	49.355	ng	91
62) Azobenzene	10.70	77	168141	33.381	ng	94
64) 4,6-Dinitro-2-methylphenol	10.33	198	2706	2.882	ng	# 23
65) n-Nitrosodiphenylamine	10.65	169	180820	35.394	ng	100
66) 4-Bromophenyl-phenylether	11.02	248	69413	38.292	ng	# 83
67) Hexachlorobenzene	11.10	284	75756	39.929	ng	# 84
68) Atrazine	11.18	200	58390	35.952	ng	95
69) Pentachlorophenol	11.31	266	13115	13.854	ng	98
70) Phenanthrene	11.52	178	311108	42.467	ng	99
71) Anthracene	11.57	178	318586	42.605	ng	100
72) Carbazole	11.73	167	295167	42.162	ng	98
73) Di-n-butylphthalate	12.04	149	312670	37.910	ng	99
74) Fluoranthene	12.71	202	376372	46.612	ng	96
76) Benzidine	12.84	184	192719	52.495	ng	98
77) Pyrene	12.95	202	385028	45.295	ng	99
79) Butylbenzylphthalate	13.54	149	148808	42.578	ng	# 97
80) Benzo(a)anthracene	14.14	228	303954	38.688	ng	99
81) 3,3'-Dichlorobenzidine	14.09	252	119757	43.371	ng	# 97
82) Chrysene	14.18	228	285982	39.567	ng	99
83) Bis(2-ethylhexyl)phthalate	14.09	149	194187	43.460	ng	98
84) Di-n-octyl phthalate	14.71	149	319532	43.872	ng	96
85) Indeno(1,2,3-cd)pyrene	17.28	276	227573	37.102	ng	# 90
87) Benzo(b)fluoranthene	15.22	252	233257	39.739	ng	# 96
88) Benzo(k)fluoranthene	15.25	252	217234	38.863	ng	# 96
89) Benzo(a)pyrene	15.62	252	204290	39.150	ng	# 96
90) Dibenzo(a,h)anthracene	17.28	278	192210	43.464	ng	# 93
91) Benzo(g,h,i)perylene	17.76	276	187772	43.441	ng	# 90

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

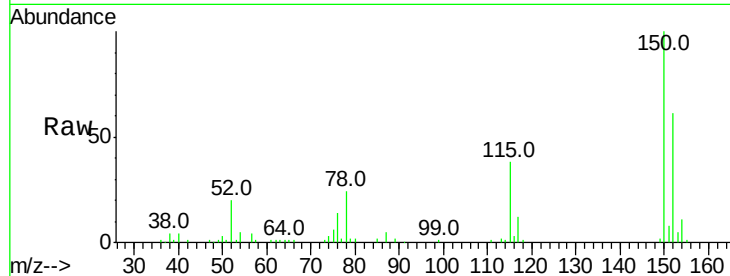


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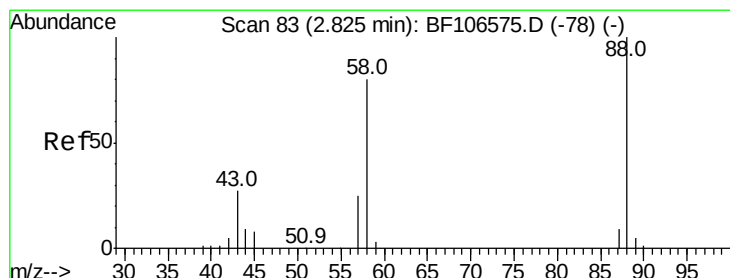
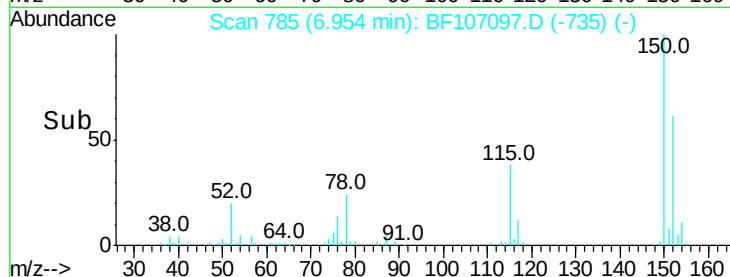
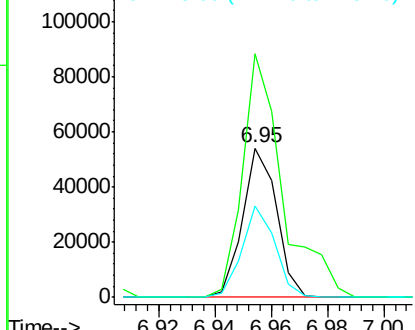
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107097.D
Acq: 3 Jul 2018 23:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 45193
Ion Ratio Lower Upper
152 100
150 163.3 124.6 186.8
115 61.6 50.1 75.1



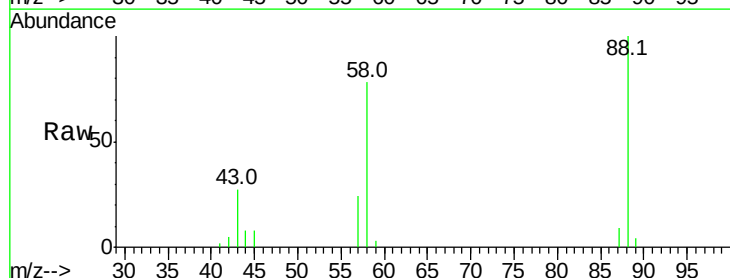
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



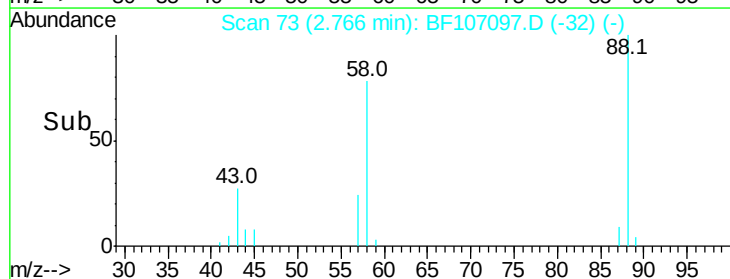
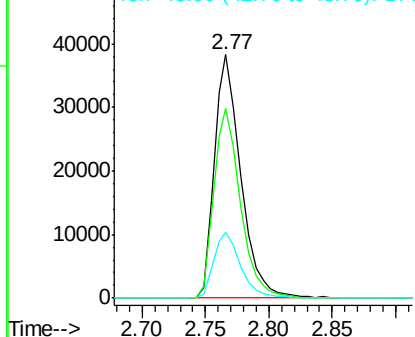
#2

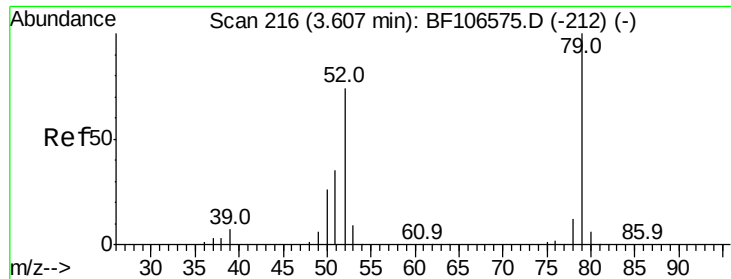
1,4-Dioxane
Concen: 40.644 ng
RT: 2.77 min Scan# 73
Delta R.T. -0.06 min
Lab File: BF107097.D
Acq: 3 Jul 2018 23:01

Tgt Ion: 88 Resp: 55769
Ion Ratio Lower Upper
88 100
58 78.1 62.6 93.8
43 27.5 24.6 37.0



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





#3

Pvridine

Concen: 40.055 ng

RT: 3.57 min Scan# 209

Delta R.T. -0.04 min

Lab File: BF107097.D

Acq: 3 Jul 2018 23:01

Instrument :

BNA_F

ClientSampleId :

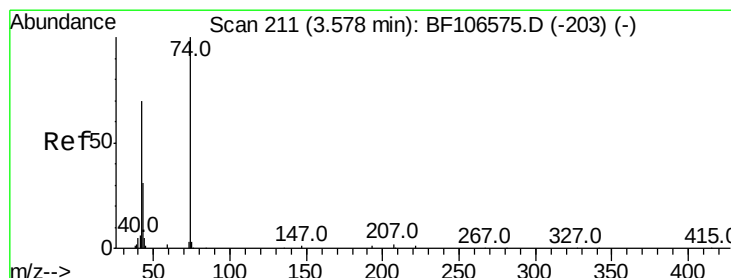
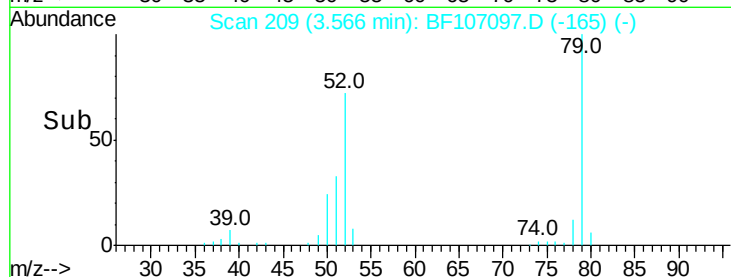
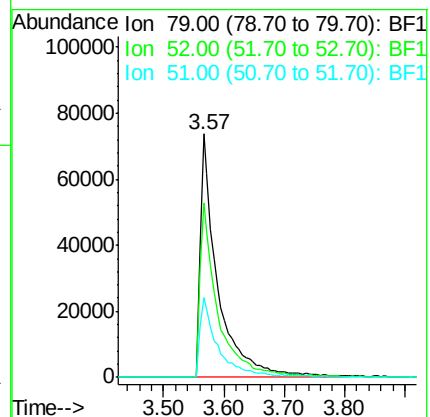
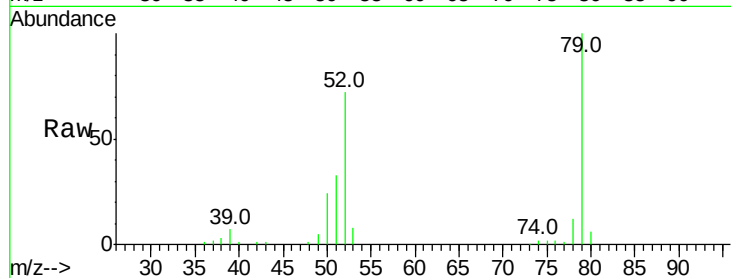
Tot Ion: 79 Resp: 149053

Ion Ratio Lower Upper

79 100

52 71.8 59.8 89.6

51 32.8 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 36.849 ng

RT: 3.53 min Scan# 203

Delta R.T. -0.06 min

Lab File: BF107097.D

Acq: 3 Jul 2018 23:01

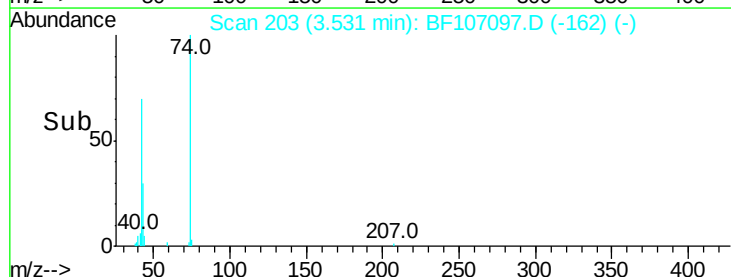
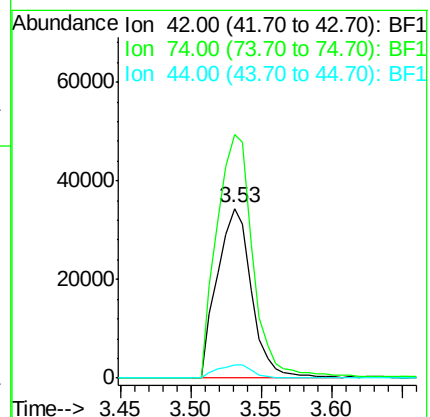
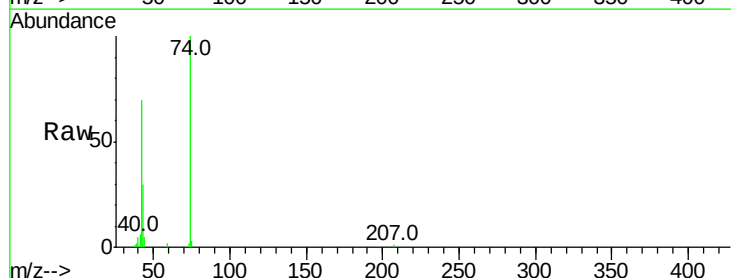
Tgt Ion: 42 Resp: 58241

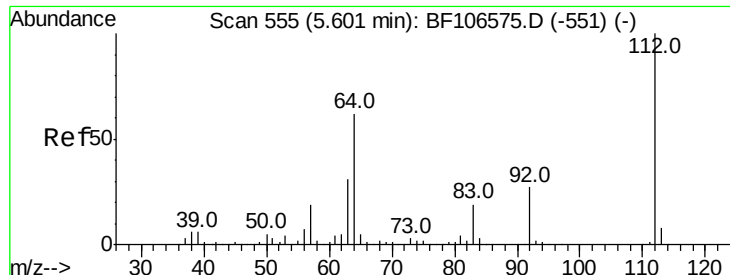
Ion Ratio Lower Upper

42 100

74 143.5 104.9 157.3

44 7.4 6.9 10.3





#5

2-Fluorophenol

Concen: 86.497 ng

RT: 5.60 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF107097.D

Acq: 3 Jul 2018 23:01

Instrument :
BNA_F
ClientSampled :

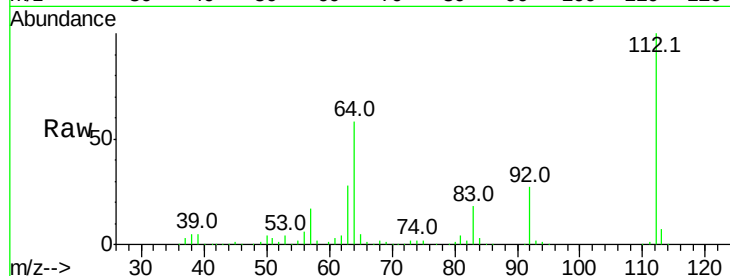
Tot Ion:112 Resp: 230853

Ion Ratio Lower Upper

112 100

64 57.9 47.9 71.9

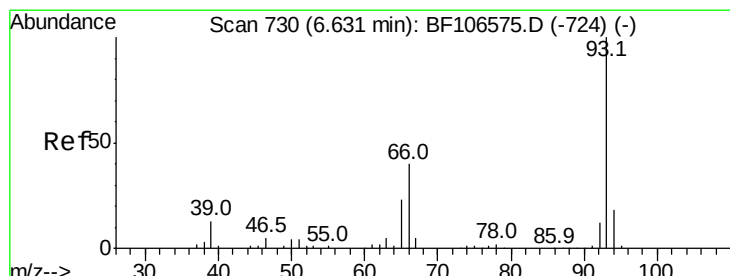
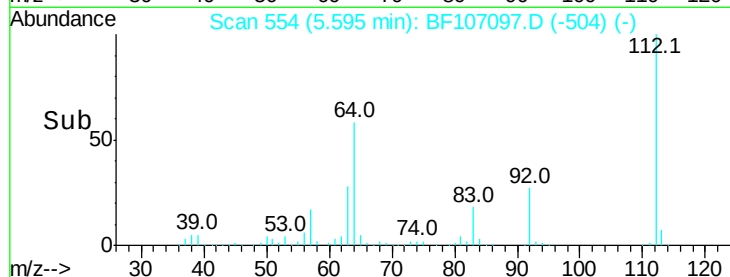
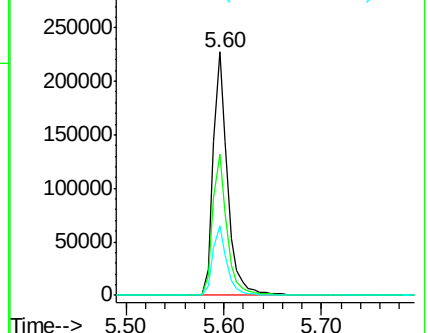
63 28.4 23.7 35.5



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: 38.652 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF107097.D

Acq: 3 Jul 2018 23:01

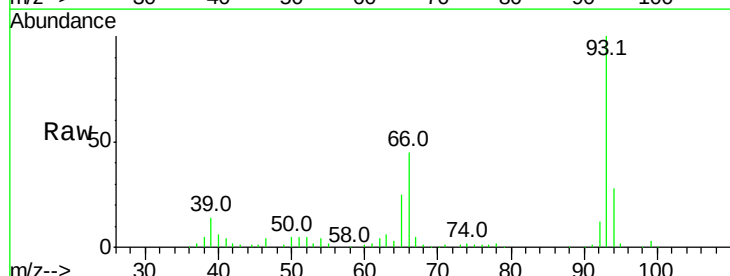
Tgt Ion: 93 Resp: 174751

Ion Ratio Lower Upper

93 100

66 44.9 32.2 48.2

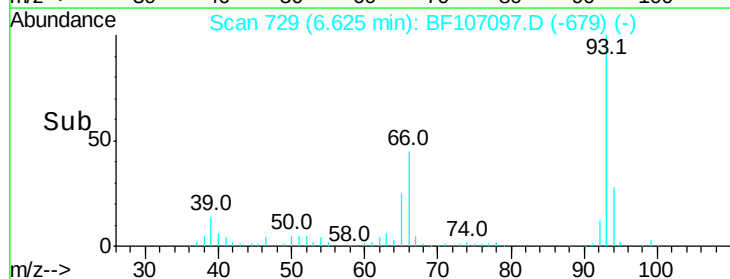
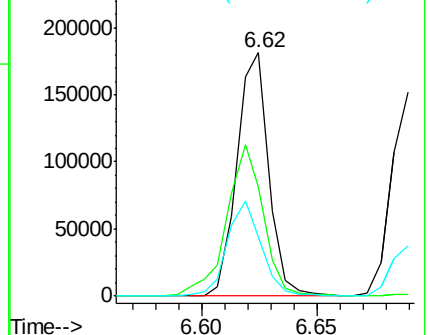
65 24.6 16.4 24.6

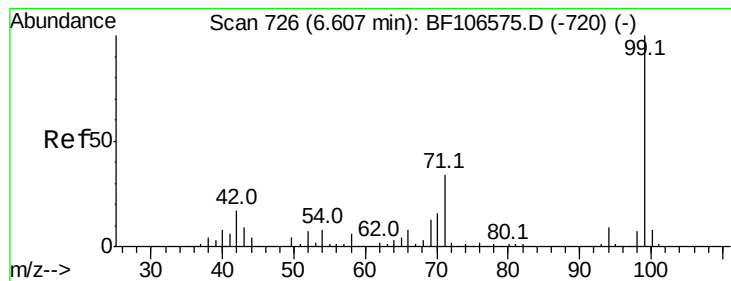


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.676 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107097.D

Acq: 3 Jul 2018 23:01

Instrument :

BNA_F

ClientSampleId :

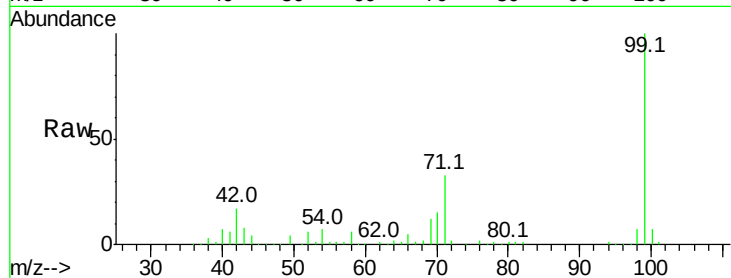
Tot Ion: 99 Resp: 262223

Ion Ratio Lower Upper

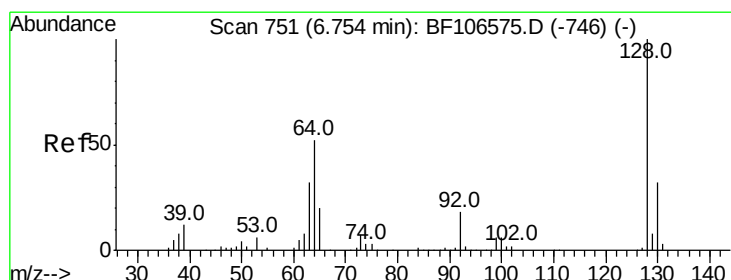
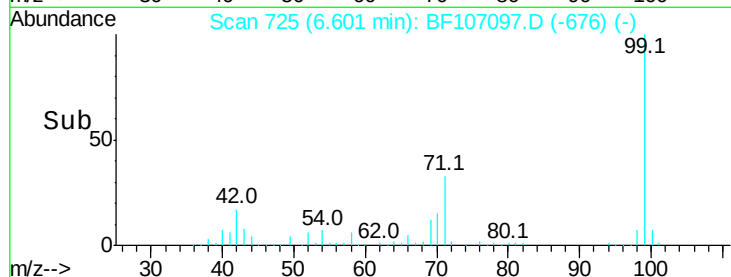
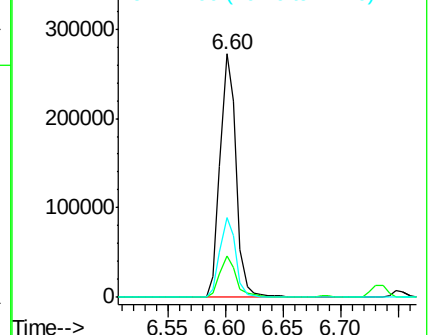
99 100

42 16.9 14.5 21.7

71 32.9 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: 40.052 ng

RT: 6.75 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF107097.D

Acq: 3 Jul 2018 23:01

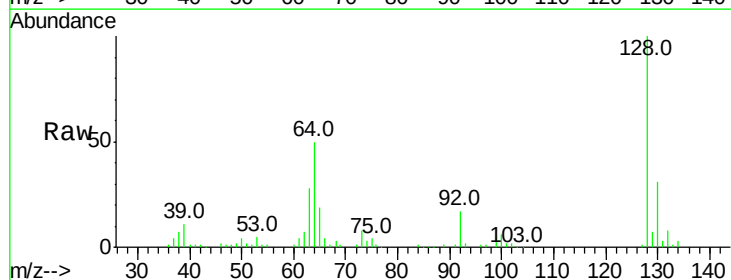
Tgt Ion: 128 Resp: 117244

Ion Ratio Lower Upper

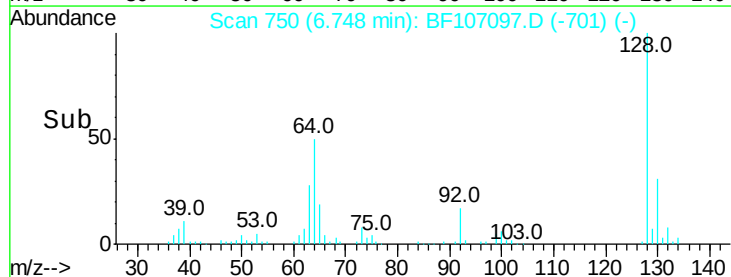
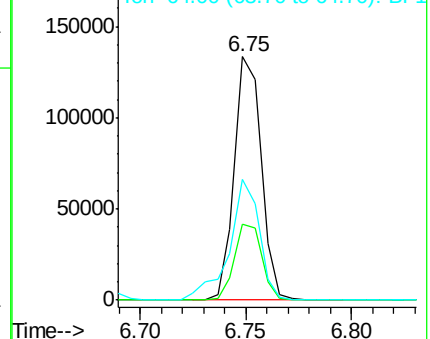
128 100

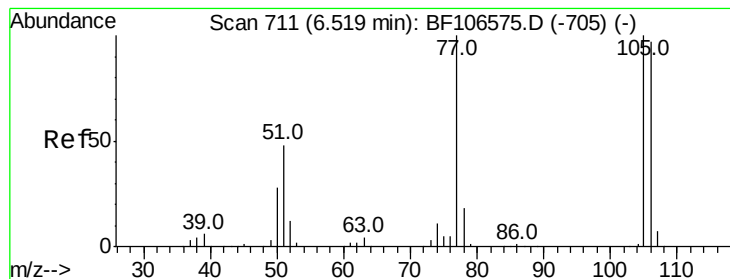
130 31.0 13.0 53.0

64 49.6 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: 36.334 ng

RT: 6.51 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF107097.D

Acq: 3 Jul 2018 23:01

Instrument :

BNA_F

ClientSampleId :

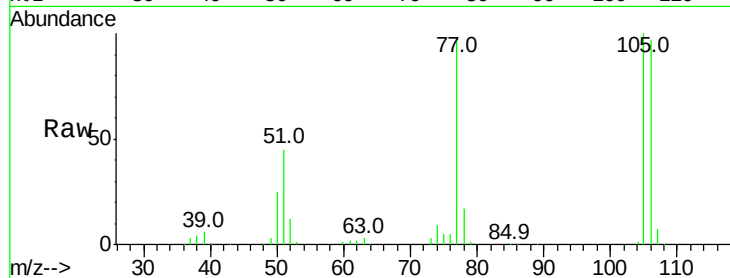
Tot Ion: 77 Resp: 84178

Ion Ratio Lower Upper

77 100

105 101.9 81.1 121.1

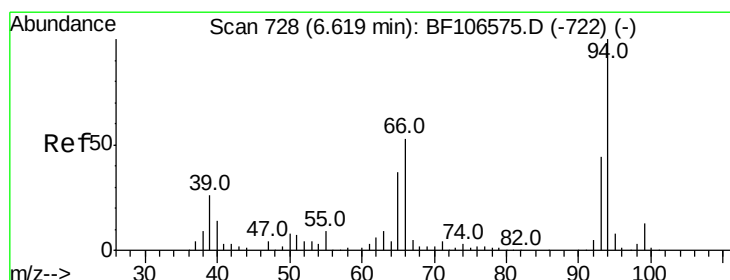
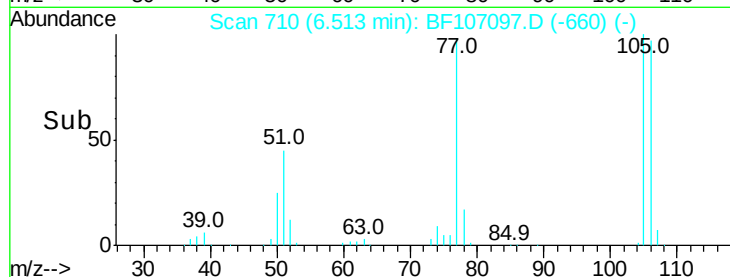
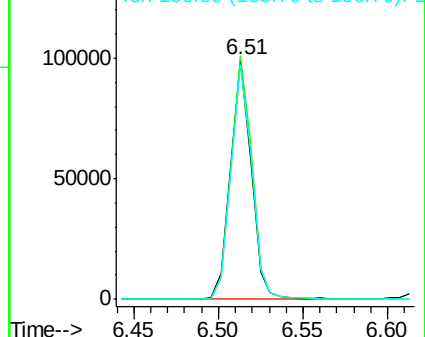
106 98.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.121 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF107097.D

Acq: 3 Jul 2018 23:01

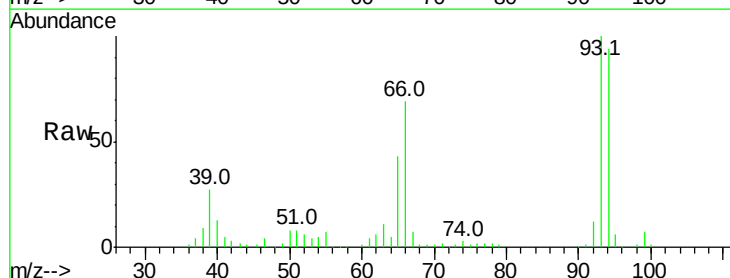
Tgt Ion: 94 Resp: 145000

Ion Ratio Lower Upper

94 100

65 46.0 7.9 47.9

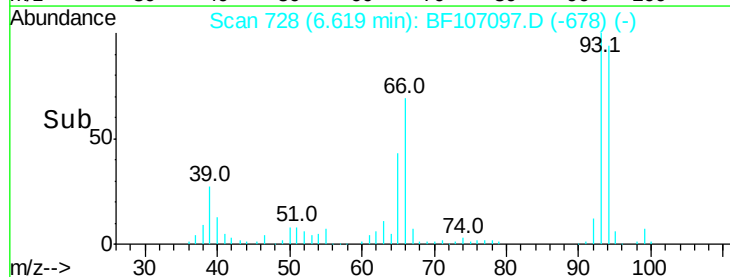
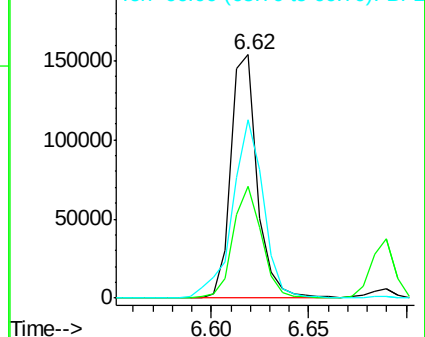
66 73.5 16.2 56.2#

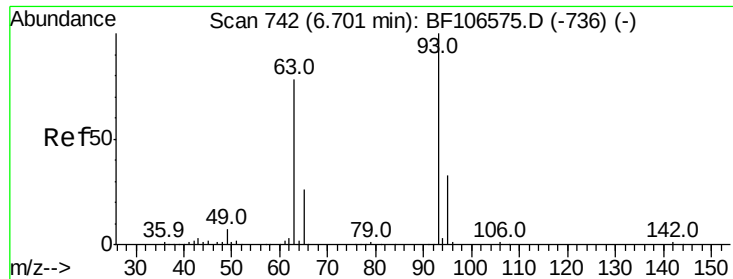


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



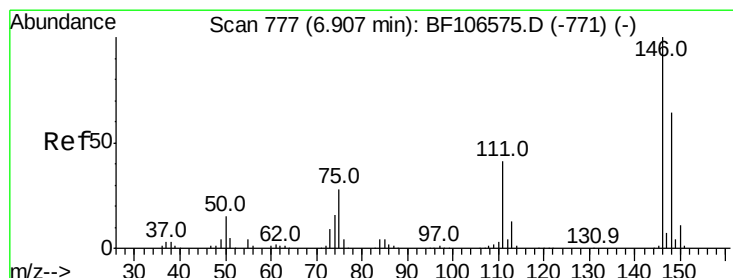
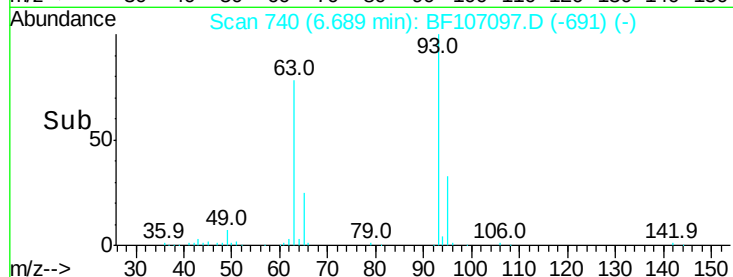
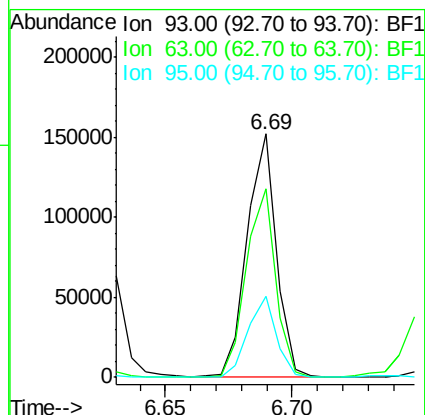
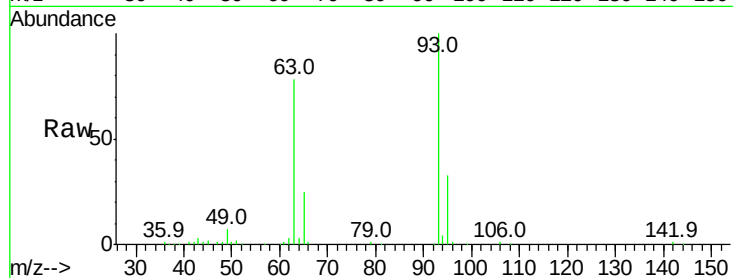


#11
 bis(2-Chloroethyl)ether
 Concen: 38.794 ng
 RT: 6.69 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF107097.D
 Acq: 3 Jul 2018 23:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 121819

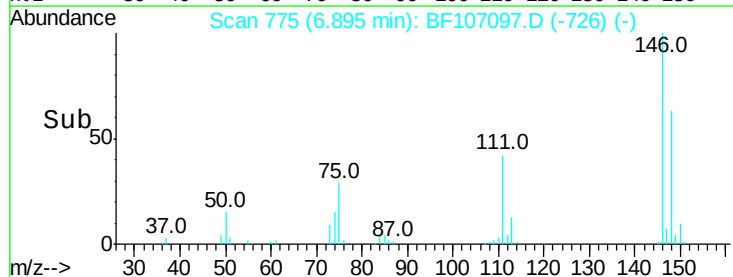
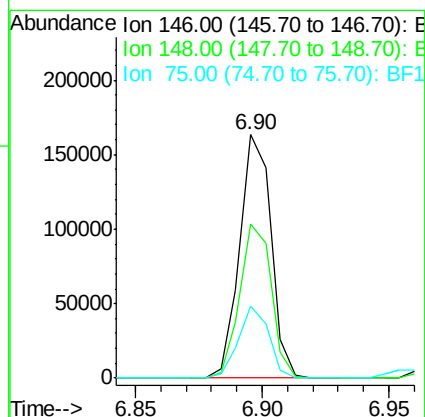
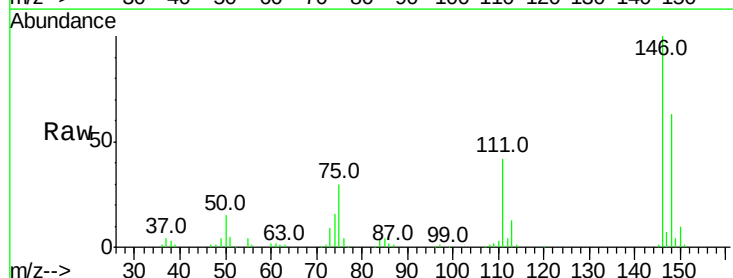
Ion	Ratio	Lower	Upper
93	100		
63	77.6	58.6	98.6
95	33.3	11.8	51.8

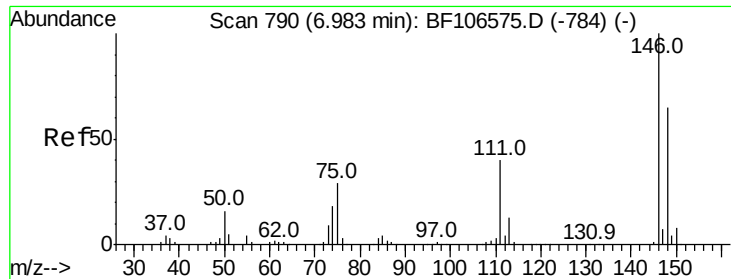


#12
 1,3-Dichlorobenzene
 Concen: 41.026 ng
 RT: 6.90 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF107097.D
 Acq: 3 Jul 2018 23:01

Tgt Ion: 146 Resp: 140657

Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.8	77.8
75	29.6	24.2	36.4

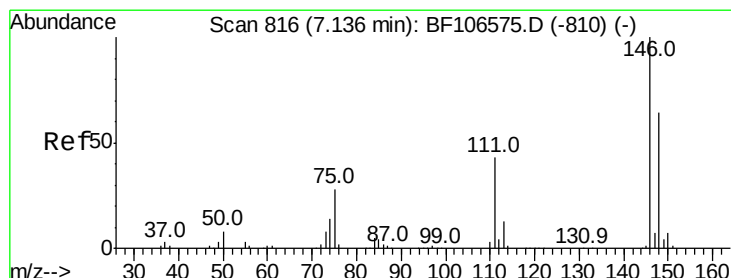
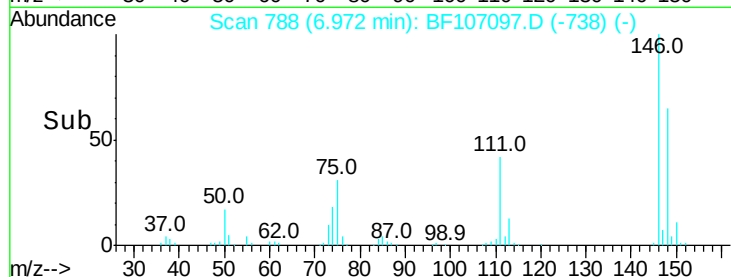
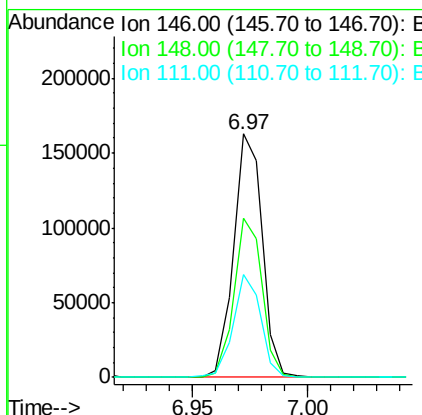
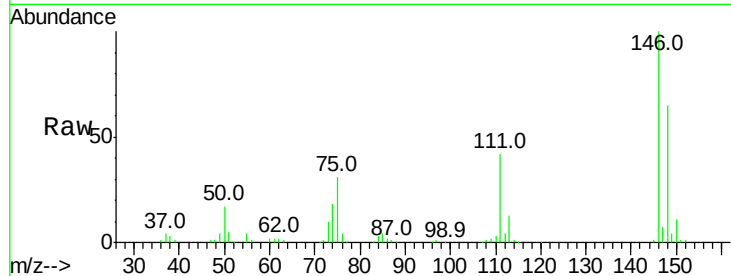




#13
 1,4-Dichlorobenzene
 Concen: 40.536 ng
 RT: 6.97 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF107097.D
 Acq: 3 Jul 2018 23:01

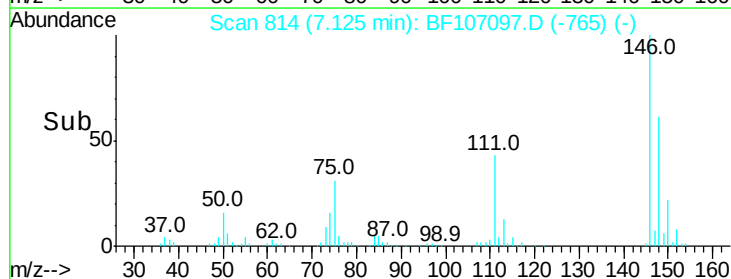
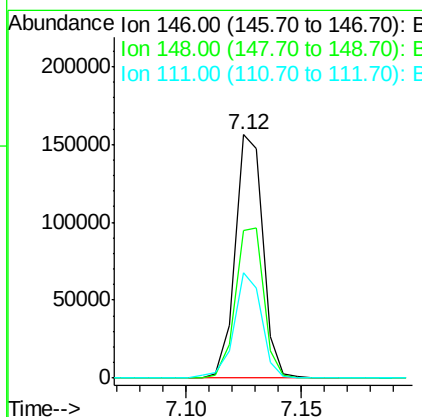
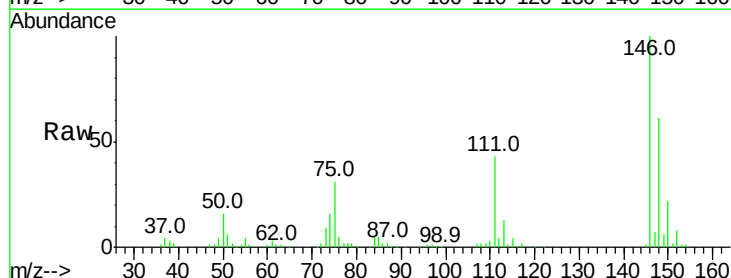
Instrument :
 BNA_F
 ClientSampleId :

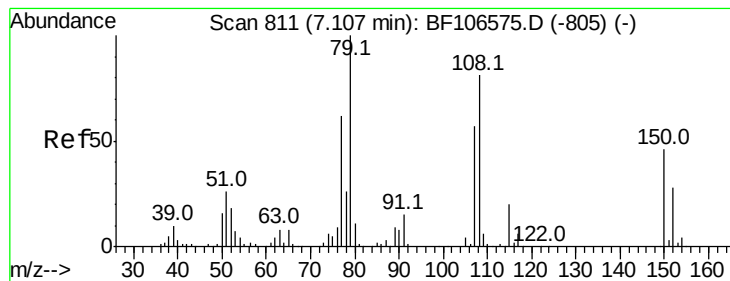
Tot Ion:146 Resp: 140506
 Ion Ratio Lower Upper
 146 100
 148 65.2 50.8 76.2
 111 42.3 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 41.144 ng
 RT: 7.12 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF107097.D
 Acq: 3 Jul 2018 23:01

Tgt Ion:146 Resp: 130702
 Ion Ratio Lower Upper
 146 100
 148 60.8 50.6 75.8
 111 43.2 36.0 54.0





#15

Benzyl Alcohol

Concen: 35.119 ng

RT: 7.10 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF107097.D

Acq: 3 Jul 2018 23:01

Instrument :
BNA_F
ClientSampled :

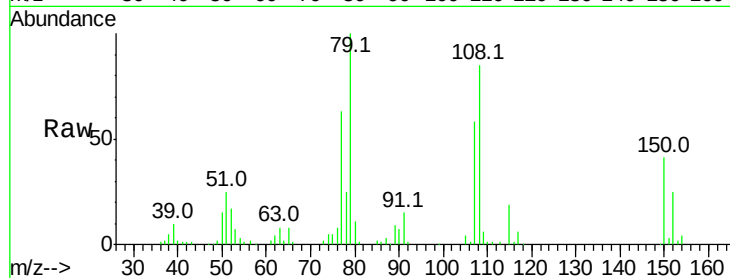
Tot Ion: 79 Resp: 93986

Ion Ratio Lower Upper

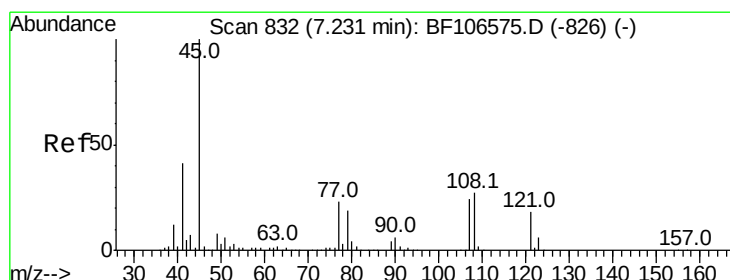
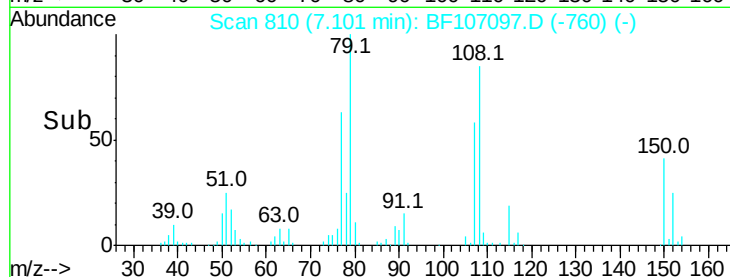
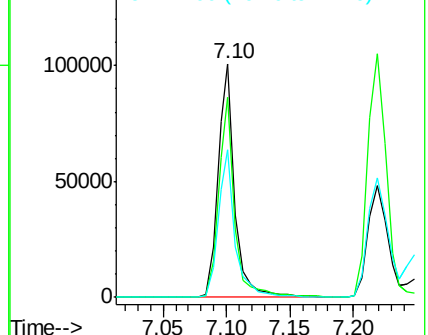
79 100

108 85.3 65.1 97.7

77 62.9 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.105 ng

RT: 7.22 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF107097.D

Acq: 3 Jul 2018 23:01

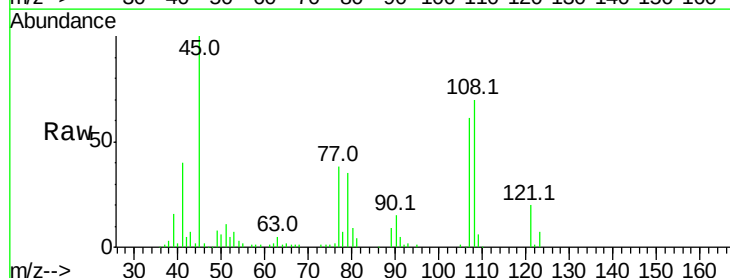
Tgt Ion: 45 Resp: 144630

Ion Ratio Lower Upper

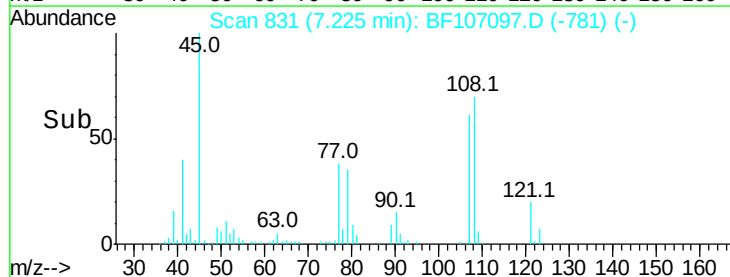
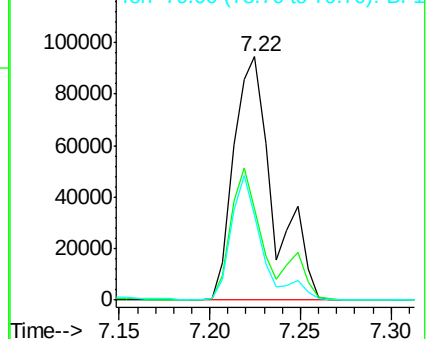
45 100

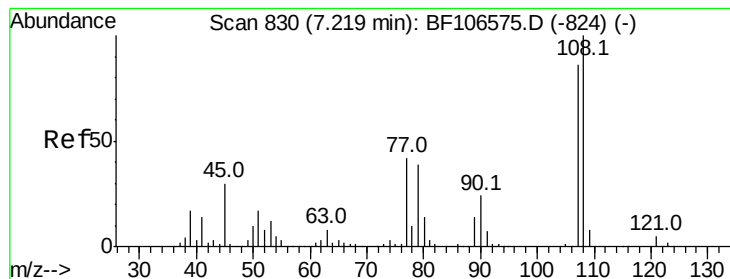
77 37.6 0.0 32.9#

79 35.1 0.0 29.6#



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

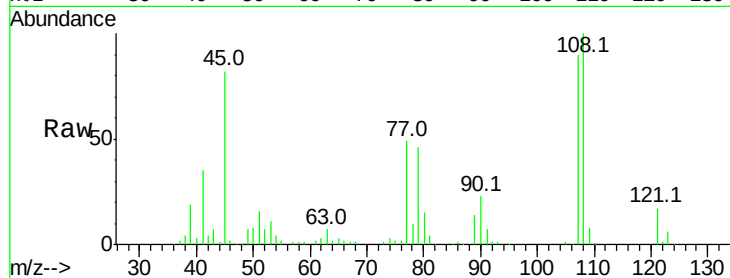




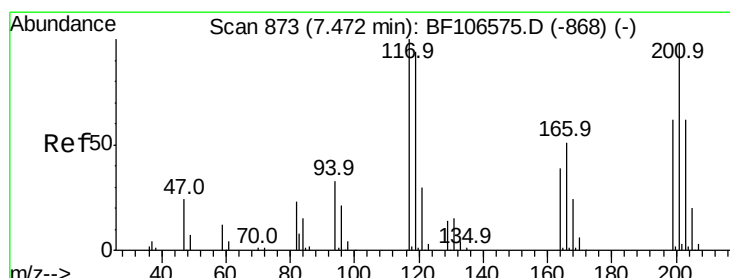
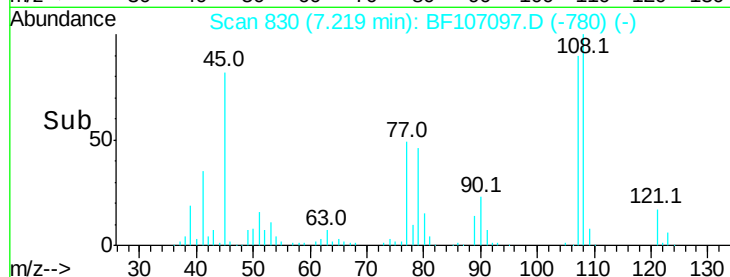
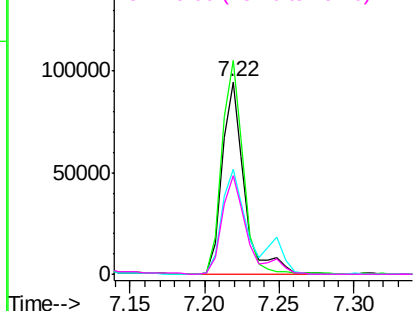
#17
2-Methylphenol
Concen: 39.687 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF107097.D
Acq: 3 Jul 2018 23:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 99420
Ion Ratio Lower Upper
107 100
108 110.9 91.7 137.5
77 54.2 33.8 50.8#
79 51.0 33.8 50.8#

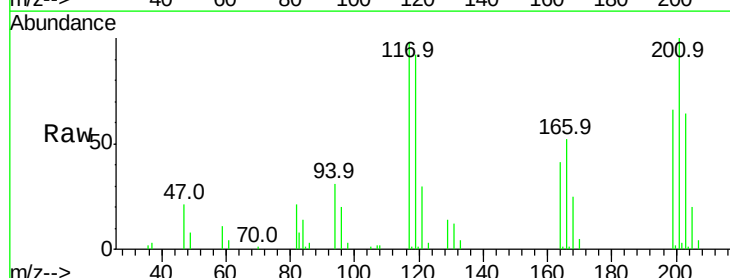


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

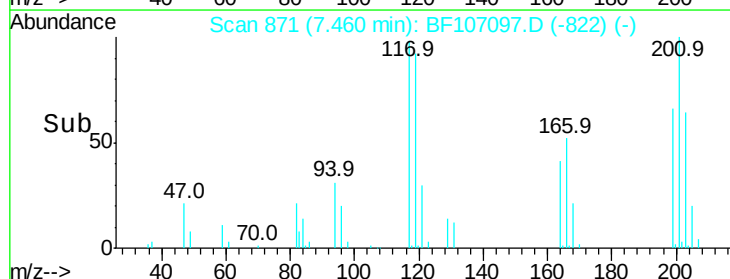
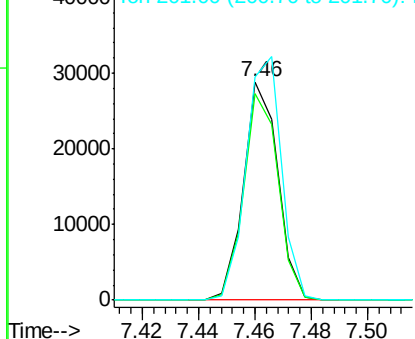


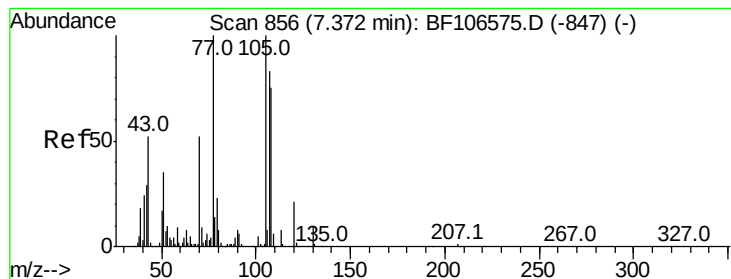
#18
Hexachloroethane
Concen: 19.963 ng
RT: 7.46 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF107097.D
Acq: 3 Jul 2018 23:01

Tgt Ion:117 Resp: 24333
Ion Ratio Lower Upper
117 100
119 94.5 75.8 113.8
201 102.4 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.233 ng

RT: 7.36 min Scan# 854

Delta R.T. -0.02 min

Lab File: BF107097.D

Acq: 3 Jul 2018 23:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 83996

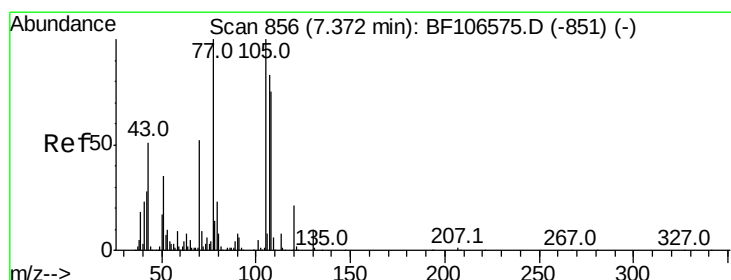
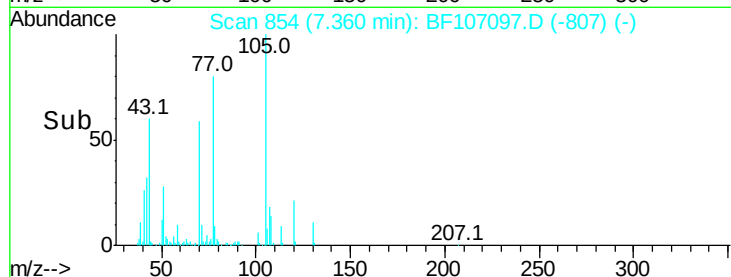
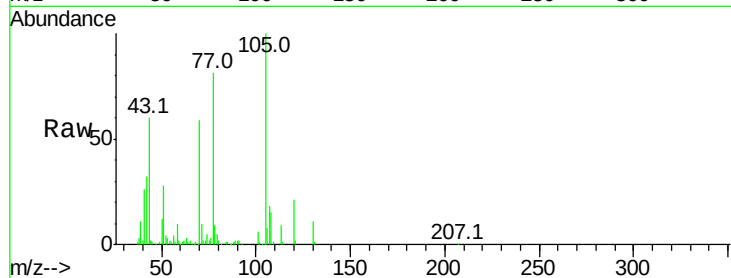
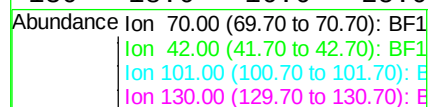
Ion	Ratio	Lower	Upper
70	100		
42	54.0	47.5	71.3
101	9.4	7.4	11.2
130	18.6	16.6	25.0

70 100

42 54.0 47.5 71.3

101 9.4 7.4 11.2

130 18.6 16.6 25.0



#20

3+4-Methylphenols

Concen: 44.265 ng

RT: 7.37 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF107097.D

Acq: 3 Jul 2018 23:01

Tgt Ion: 107 Resp: 120257

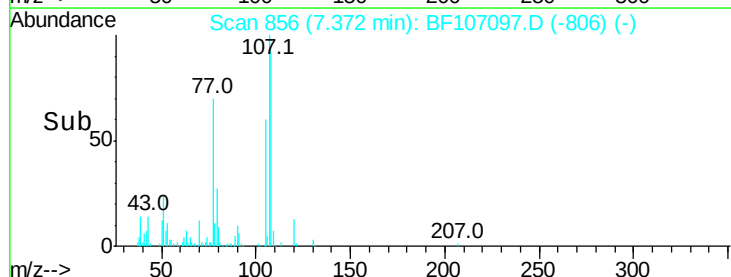
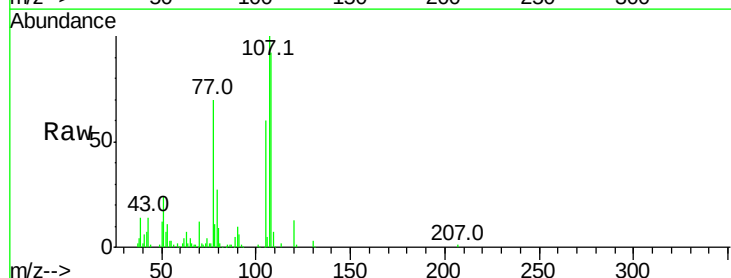
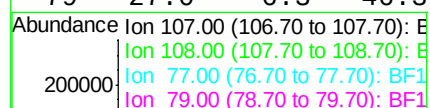
Ion	Ratio	Lower	Upper
107	100		
108	91.8	68.2	108.2
77	69.9	26.7	66.7#
79	27.0	6.3	46.3

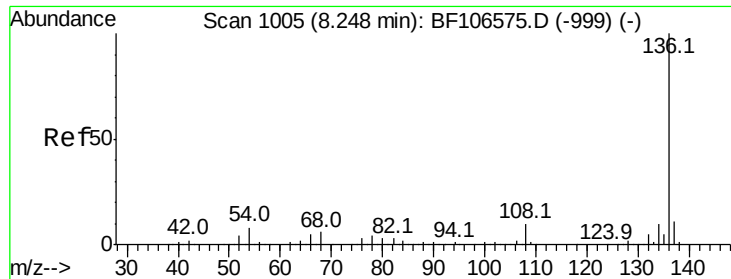
107 100

108 91.8 68.2 108.2

77 69.9 26.7 66.7#

79 27.0 6.3 46.3

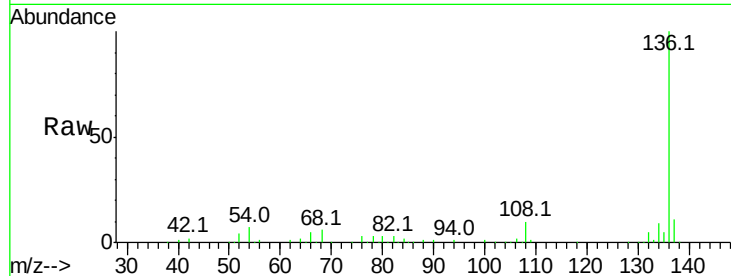




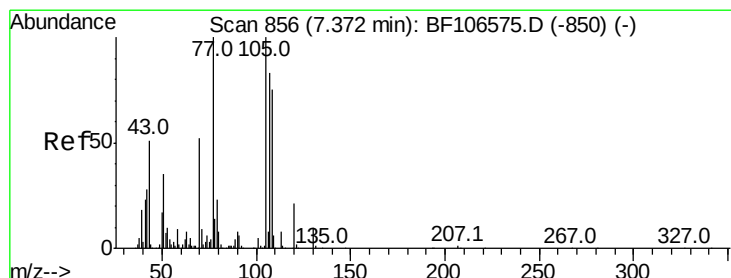
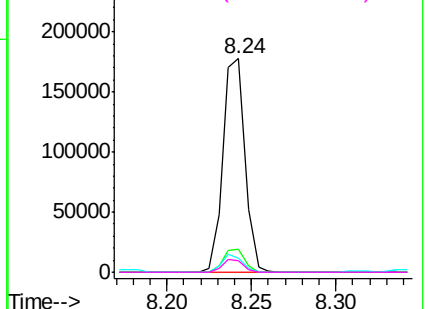
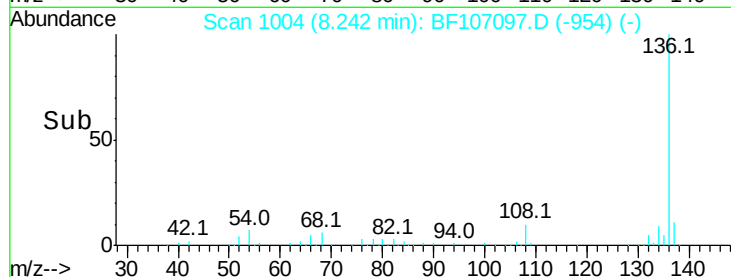
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107097.D
Acq: 3 Jul 2018 23:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	161291
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.7	6.6	9.8
68	5.7	5.0	7.4

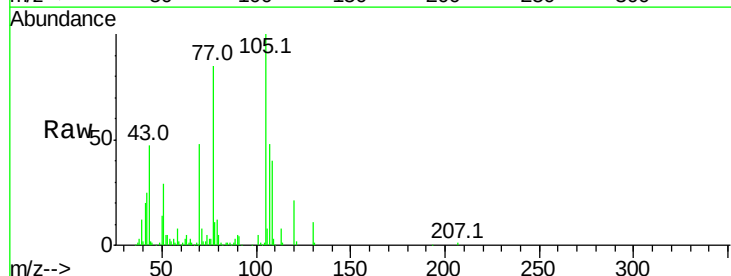


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

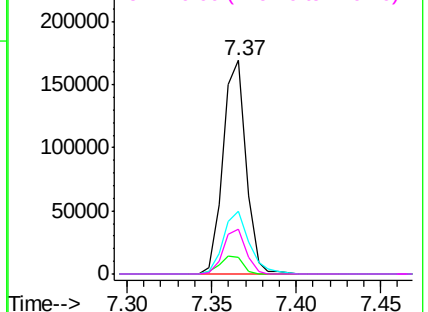
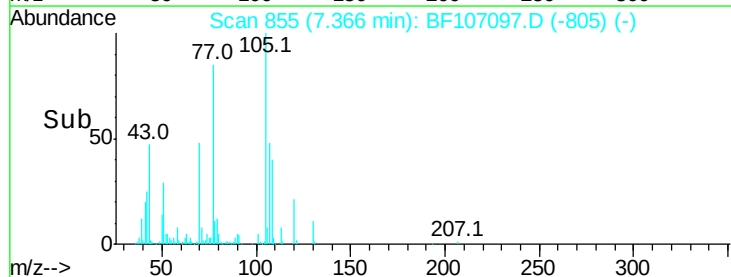


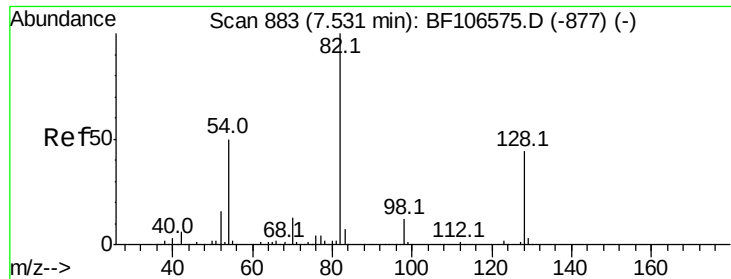
#22
Acetophenone
Concen: 44.687 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF107097.D
Acq: 3 Jul 2018 23:01

Tgt Ion:	105	Resp:	161254
Ion	Ratio	Lower	Upper
105	100		
71	7.8	4.4	6.6#
51	29.1	22.3	33.5
120	21.2	16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

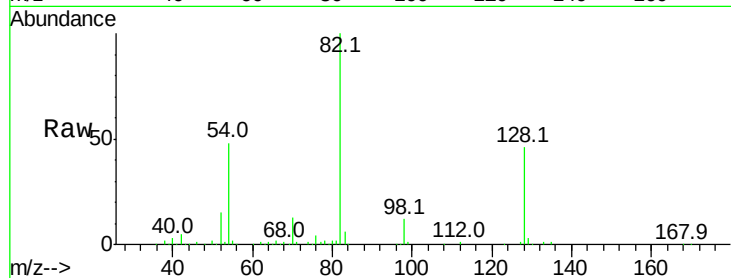




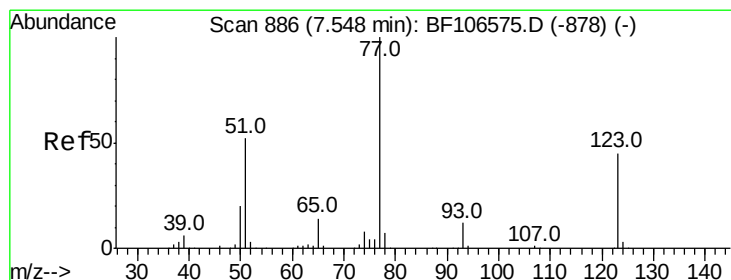
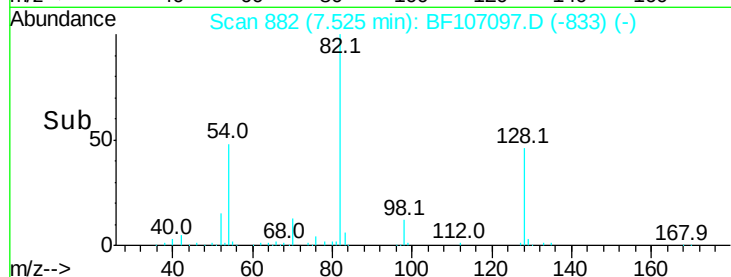
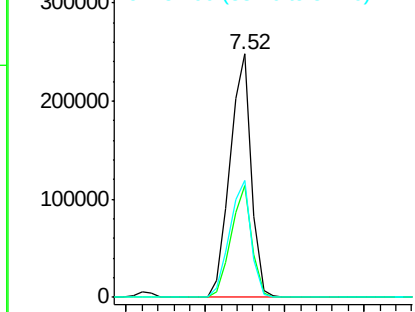
#23
Nitrobenzene-d5
Concen: 79.298 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF107097.D
Acq: 3 Jul 2018 23:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 230147
Ion Ratio Lower Upper
82 100
128 45.9 36.1 54.1
54 47.9 41.4 62.2

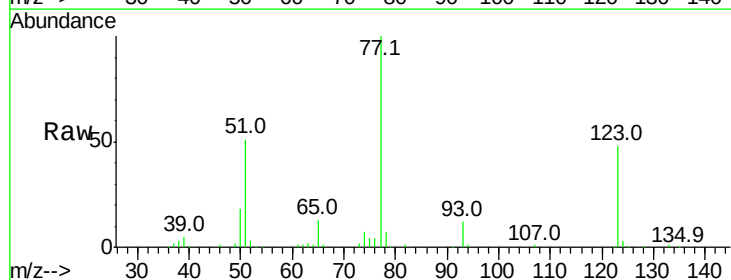


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

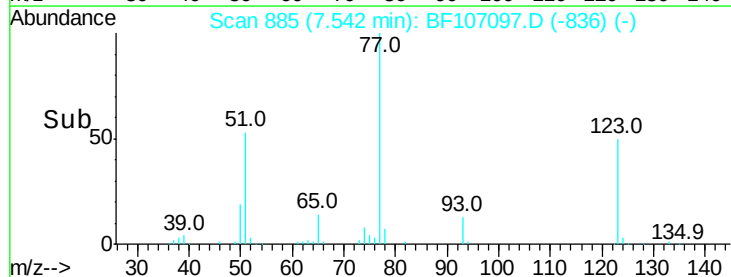
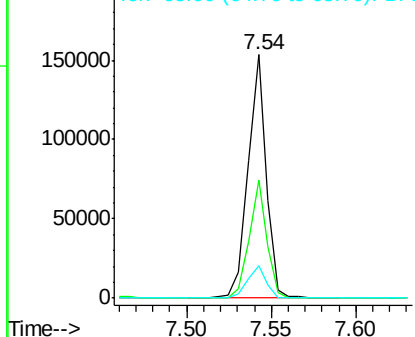


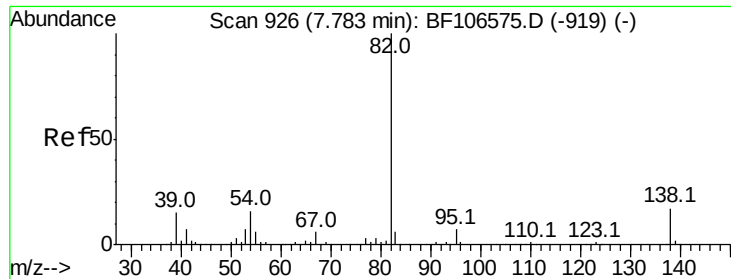
#24
Nitrobenzene
Concen: 39.111 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF107097.D
Acq: 3 Jul 2018 23:01

Tgt Ion: 77 Resp: 115892
Ion Ratio Lower Upper
77 100
123 48.5 37.9 56.9
65 13.3 11.0 16.4



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





#25

Isophorone

Concen: 37.354 ng

RT: 7.77 min Scan# 924

Delta R.T. -0.02 min

Lab File: BF107097.D

Acq: 3 Jul 2018 23:01

Instrument :

BNA_F

ClientSampleId :

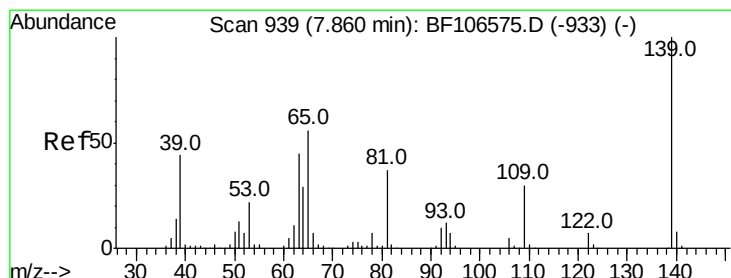
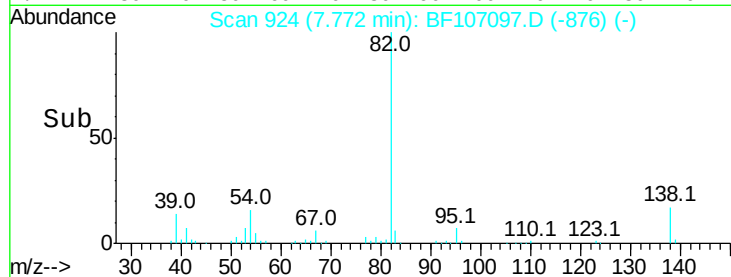
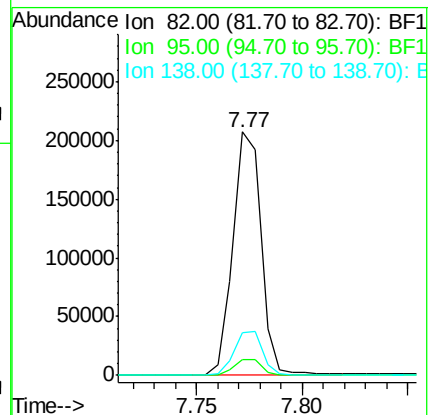
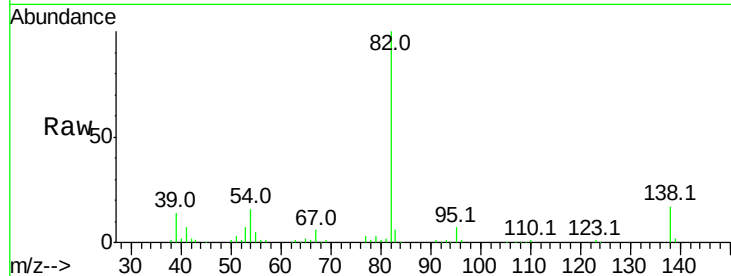
Tot Ion: 82 Resp: 191040

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 17.3 14.9 22.3



#26

2-Nitrophenol

Concen: 15.646 ng

RT: 7.85 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF107097.D

Acq: 3 Jul 2018 23:01

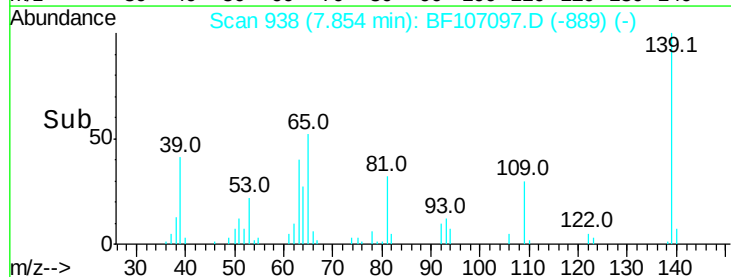
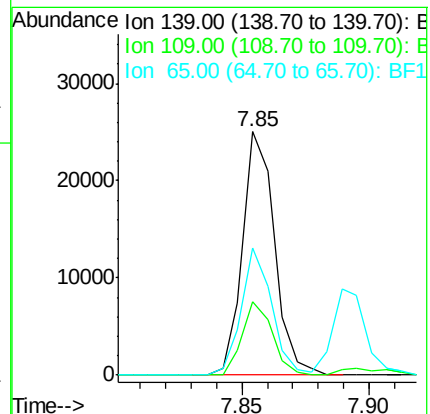
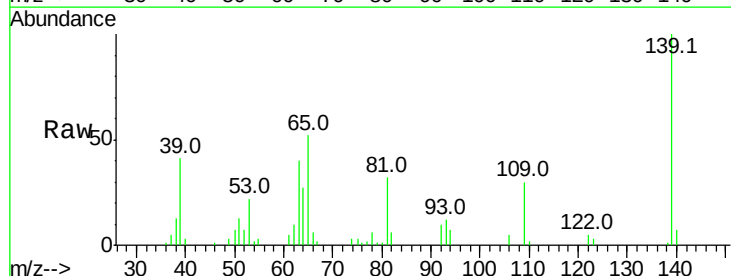
Tgt Ion: 139 Resp: 21886

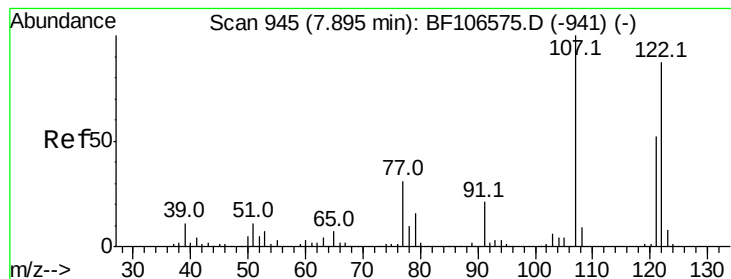
Ion Ratio Lower Upper

139 100

109 30.1 22.7 34.1

65 52.0 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 40.991 ng

RT: 7.90 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF107097.D

Acq: 3 Jul 2018 23:01

Instrument :
BNA_F
ClientSampled :

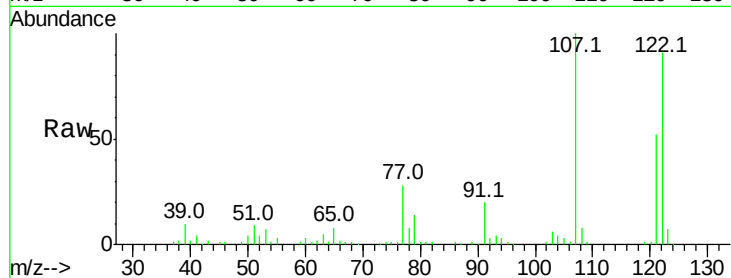
Tot Ion:122 Resp: 88626

Ion Ratio Lower Upper

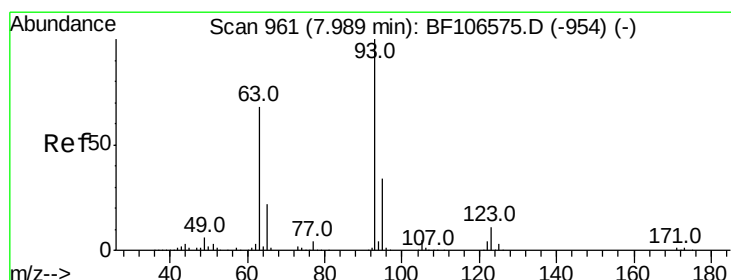
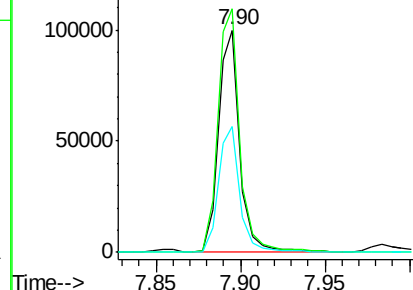
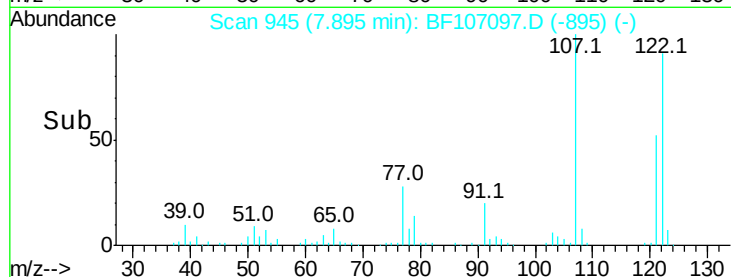
122 100

107 109.6 91.2 136.8

121 56.7 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.217 ng

RT: 7.98 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF107097.D

Acq: 3 Jul 2018 23:01

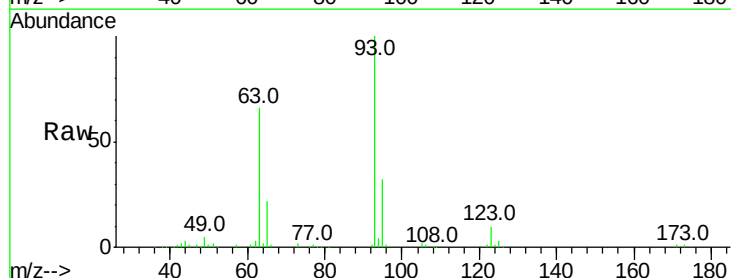
Tgt Ion: 93 Resp: 138098

Ion Ratio Lower Upper

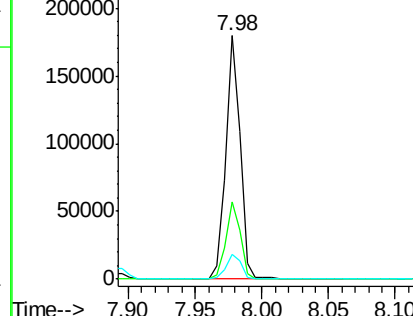
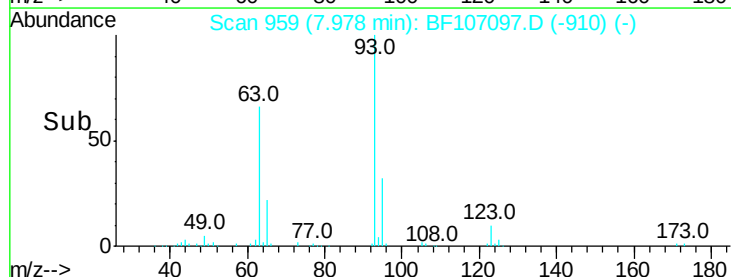
93 100

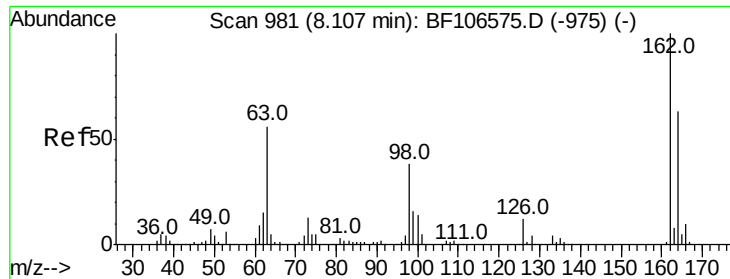
95 32.0 26.3 39.5

123 10.0 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

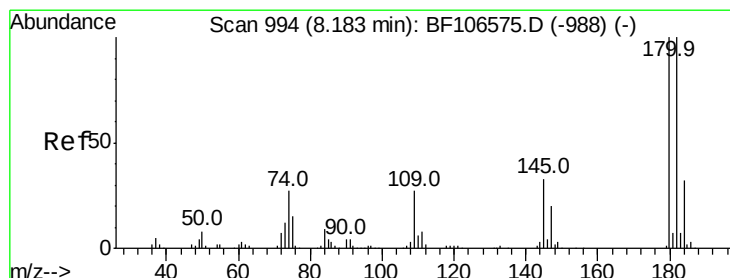
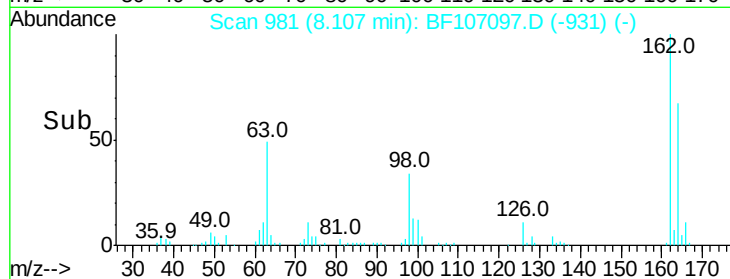
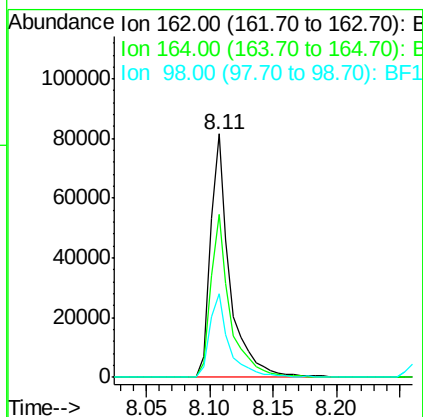
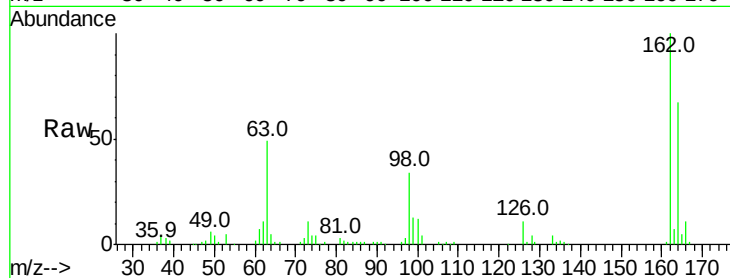




#29
 2,4-Dichlorophenol
 Concen: 38.439 ng
 RT: 8.11 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: BF107097.D
 Acq: 3 Jul 2018 23:01

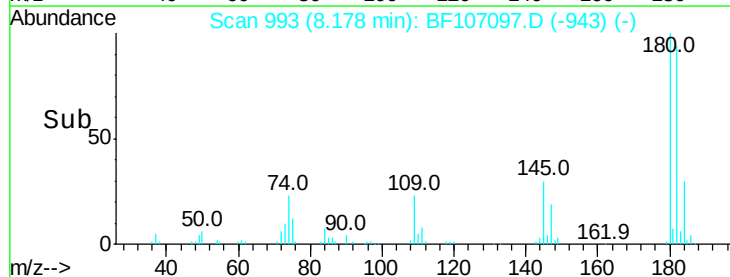
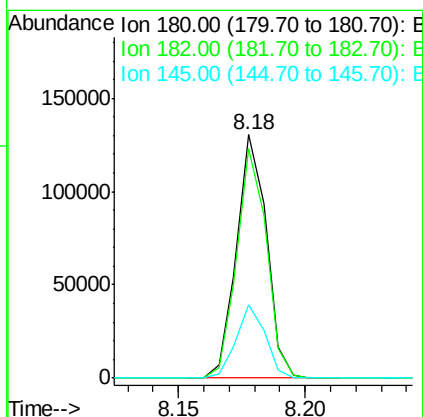
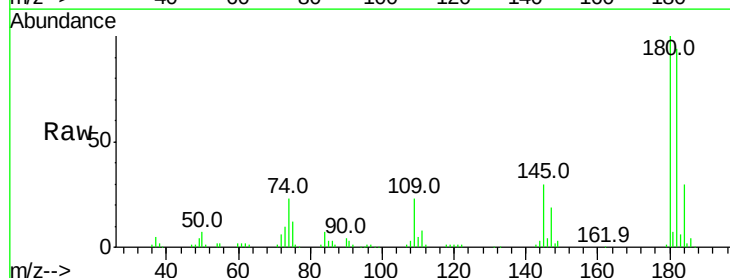
Instrument :
 BNA_F
 ClientSampled :

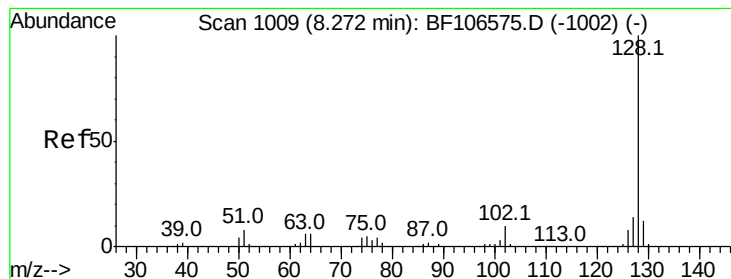
Tot Ion:162 Resp: 87008
 Ion Ratio Lower Upper
 162 100
 164 67.0 42.7 82.7
 98 34.4 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.976 ng
 RT: 8.18 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BF107097.D
 Acq: 3 Jul 2018 23:01

Tgt Ion:180 Resp: 107162
 Ion Ratio Lower Upper
 180 100
 182 94.3 76.8 115.2
 145 30.1 26.5 39.7





#31

Naphthalene

Concen: 40.478 ng

RT: 8.26 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF107097.D

Acq: 3 Jul 2018 23:01

Instrument :

BNA_F

ClientSampleId :

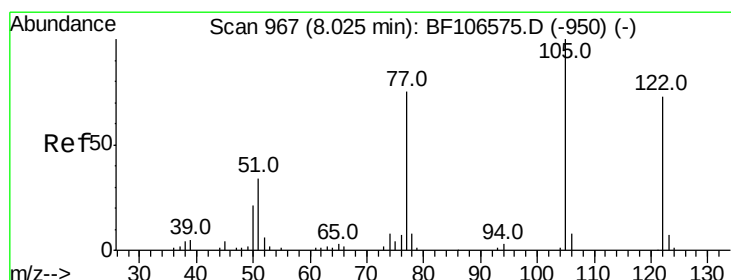
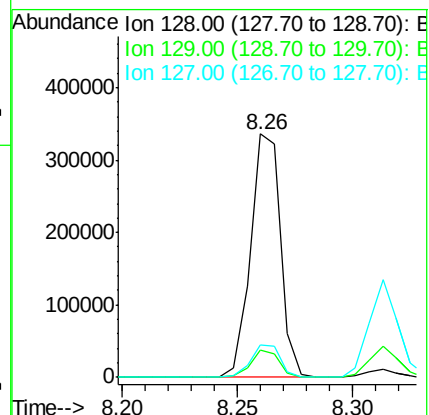
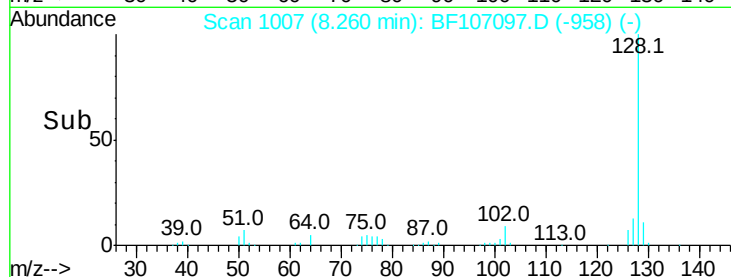
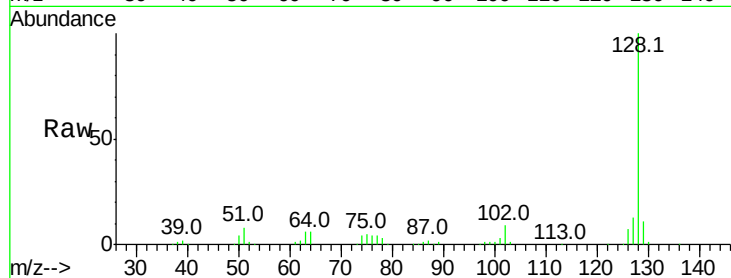
Tot Ion:128 Resp: 305236

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

127 13.4 10.9 16.3



#32

Benzoic acid

Concen: 13.494 ng

RT: 8.02 min Scan# 967

Delta R.T. -0.02 min

Lab File: BF107097.D

Acq: 3 Jul 2018 23:01

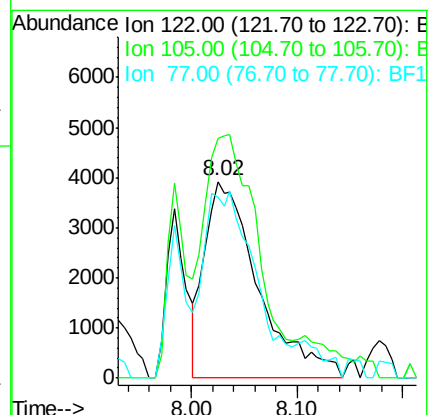
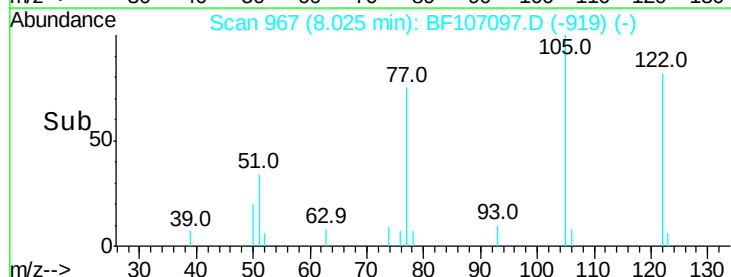
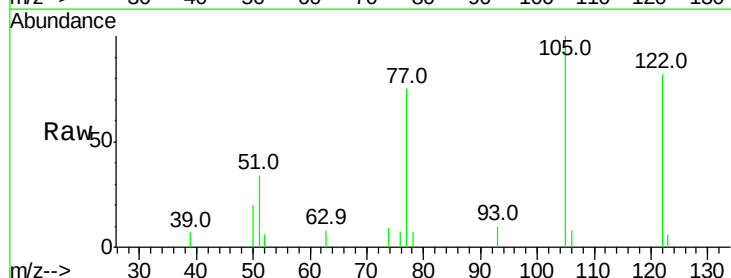
Tgt Ion:122 Resp: 13863

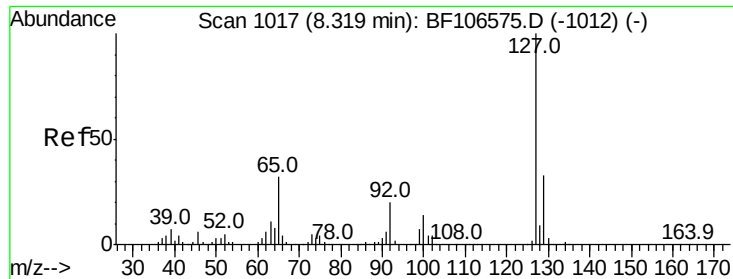
Ion Ratio Lower Upper

122 100

105 122.1 101.1 141.1

77 91.6 70.7 110.7

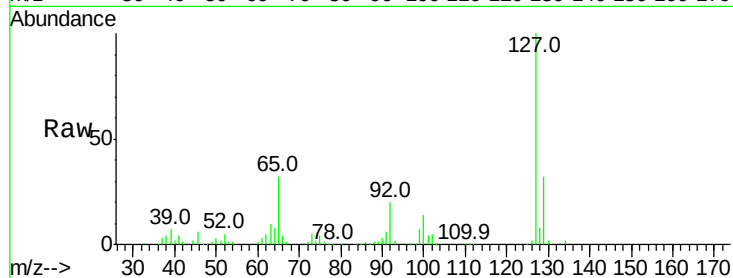




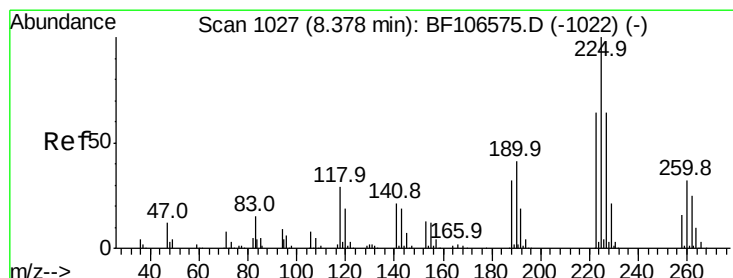
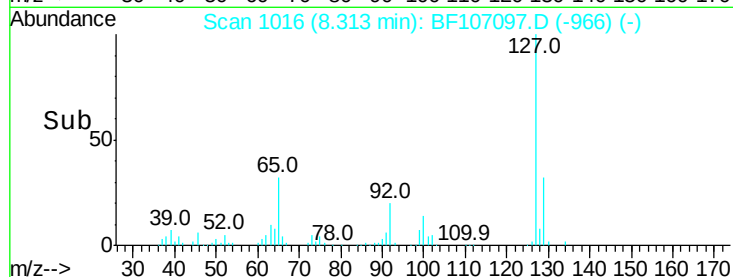
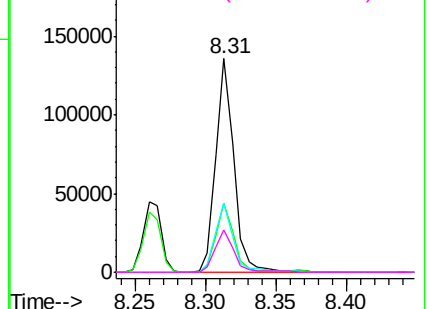
#33
4-Chloroaniline
Concen: 38.422 ng
RT: 8.31 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF107097.D
Acq: 3 Jul 2018 23:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	121572
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	32.1	25.0	37.4
92	19.9	15.2	22.8

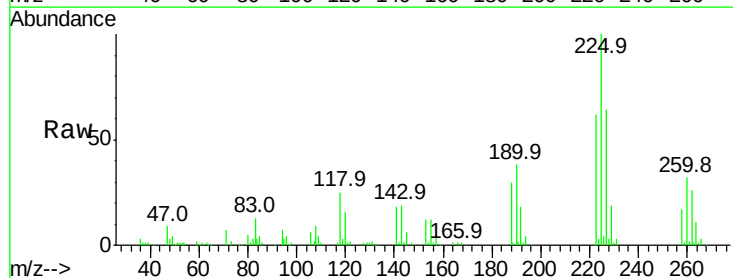


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

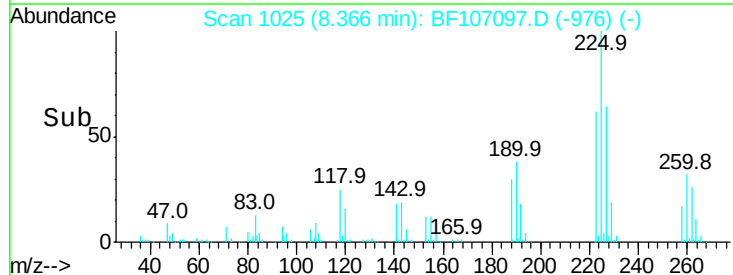
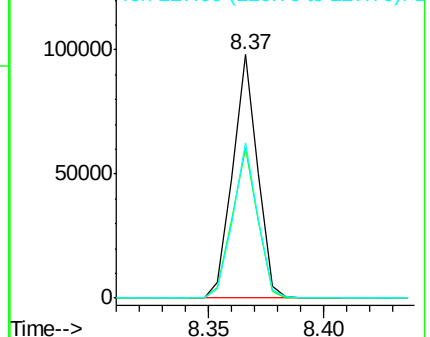


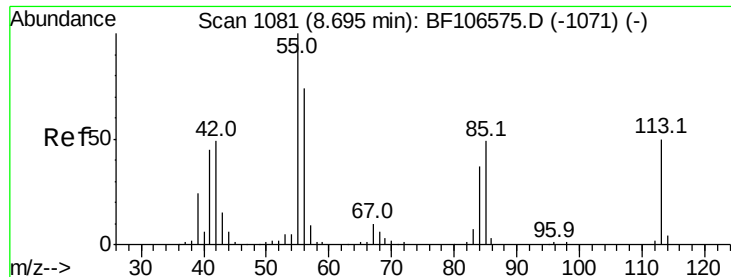
#34
Hexachlorobutadiene
Concen: 45.289 ng
RT: 8.37 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF107097.D
Acq: 3 Jul 2018 23:01

Tgt Ion:	225	Resp:	73585
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.6	76.0
227	64.0	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

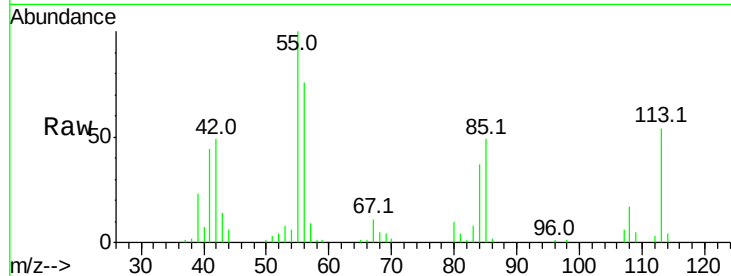




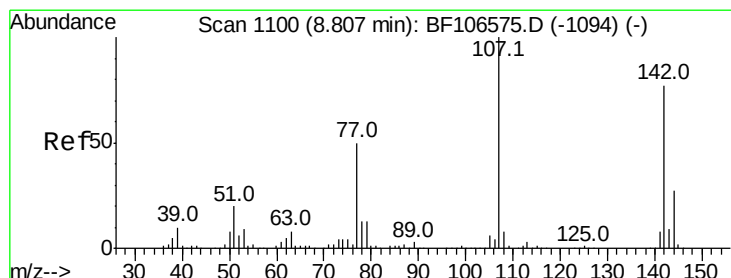
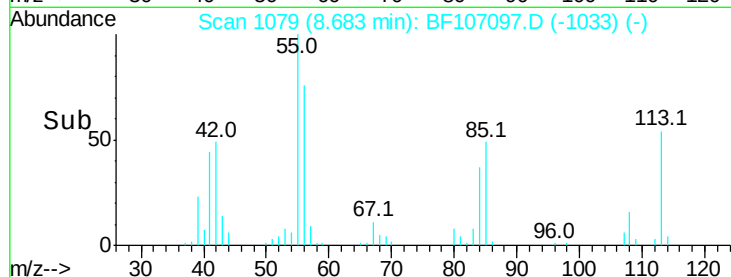
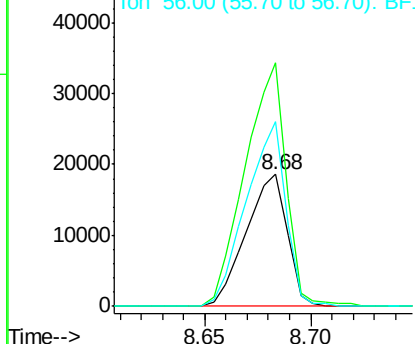
#35
 Caprolactam
 Concen: 34.141 ng
 RT: 8.68 min Scan# 1079
 Delta R.T. -0.03 min
 Lab File: BF107097.D
 Acq: 3 Jul 2018 23:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 25191
 Ion Ratio Lower Upper
 113 100
 55 184.2 163.3 203.3
 56 139.8 115.7 155.7

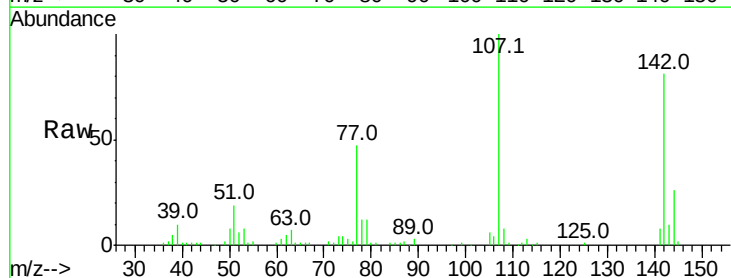


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

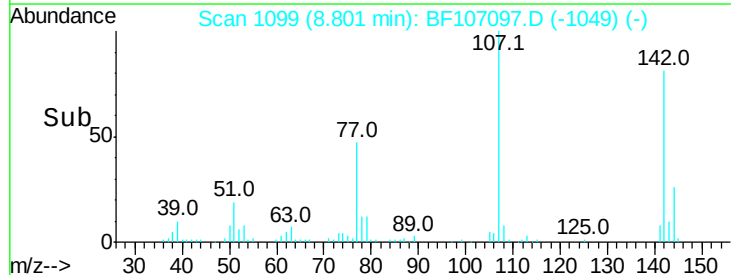
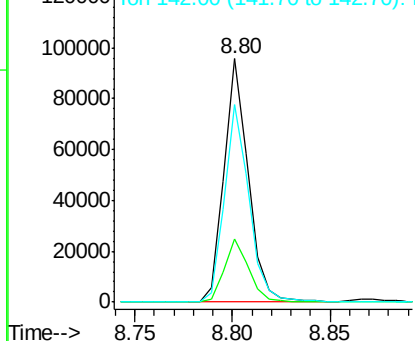


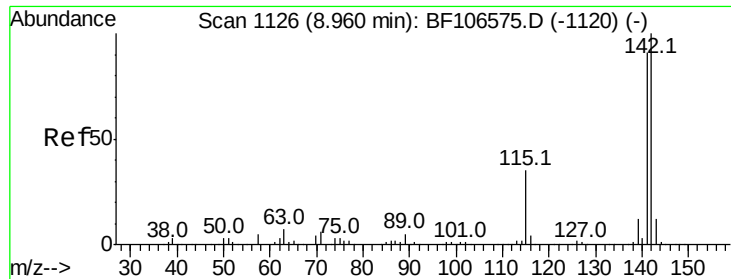
#36
 4-Chloro-3-methylphenol
 Concen: 34.804 ng
 RT: 8.80 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF107097.D
 Acq: 3 Jul 2018 23:01

Tgt Ion:107 Resp: 82922
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.5 30.7
 142 81.4 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

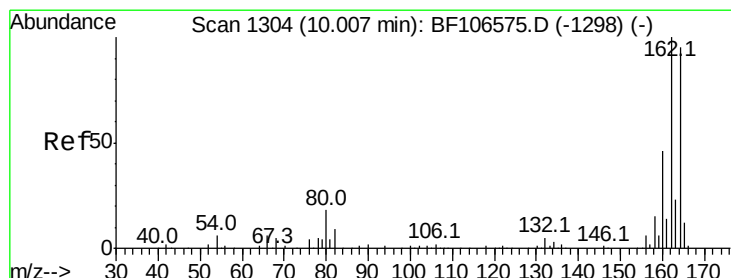
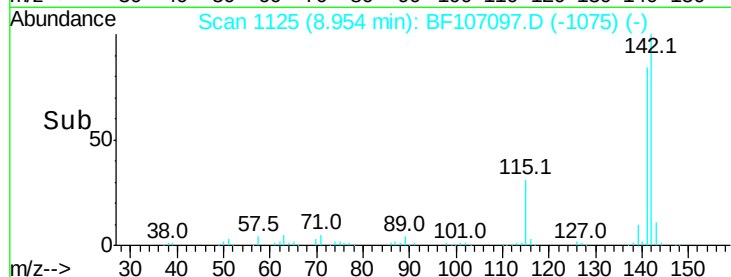
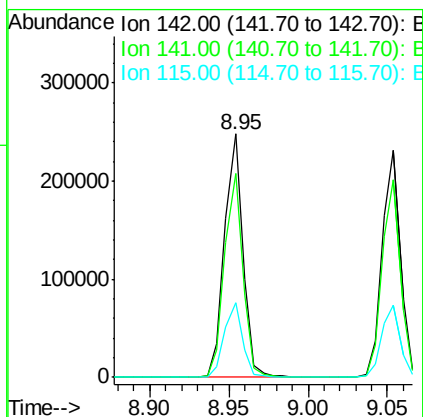
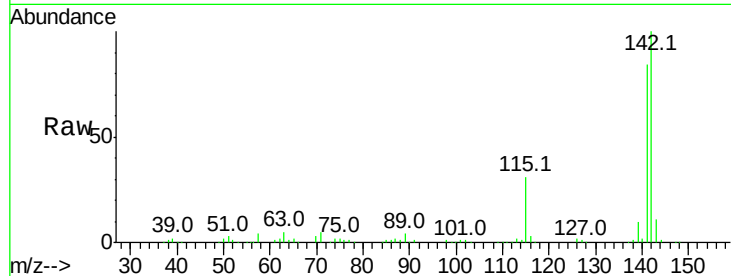




#37
 2-Methylnaphthalene
 Concen: 40.133 ng
 RT: 8.95 min Scan# 1125
 Delta R.T. -0.01 min
 Lab File: BF107097.D
 Acq: 3 Jul 2018 23:01

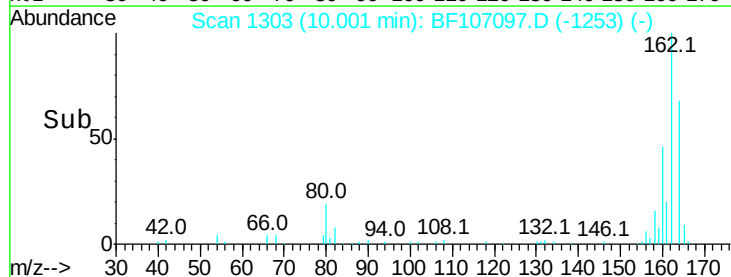
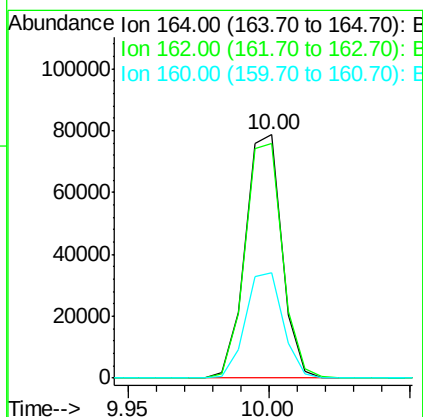
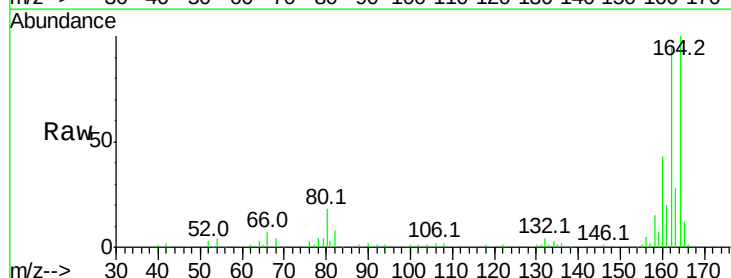
Instrument :
 BNA_F
 ClientSampleId :

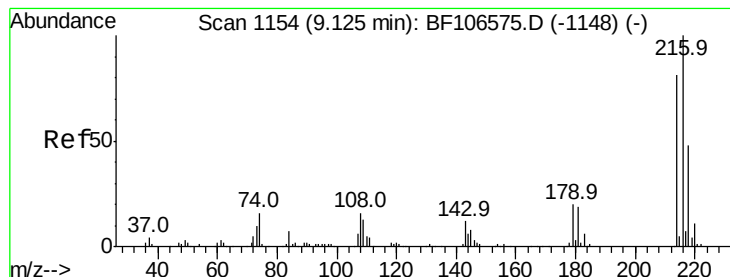
Tot Ion:142 Resp: 200594
 Ion Ratio Lower Upper
 142 100
 141 83.5 70.8 106.2
 115 30.6 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF107097.D
 Acq: 3 Jul 2018 23:01

Tgt Ion:164 Resp: 70661
 Ion Ratio Lower Upper
 164 100
 162 96.5 86.1 129.1
 160 43.3 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.413 ng

RT: 9.12 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF107097.D

Acq: 3 Jul 2018 23:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 105687

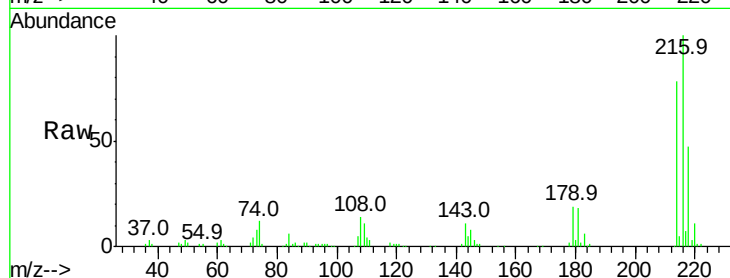
Ion Ratio Lower Upper

216 100

214 77.9 63.0 94.4

179 19.0 18.1 27.1

108 14.0 17.2 25.8#

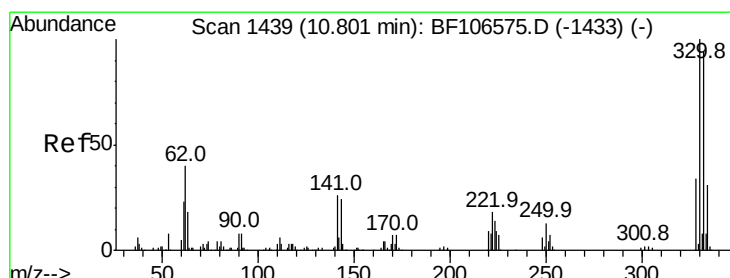
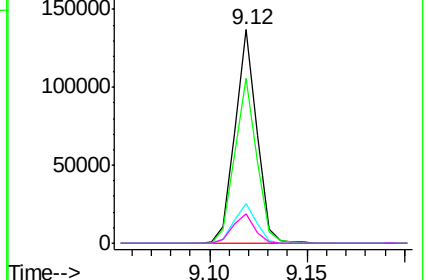
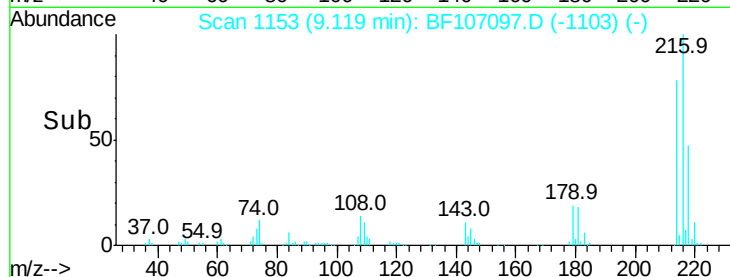


Abundance Ion 216.00 (215.70 to 216.70): E

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



#41

2,4,6-Tribromophenol

Concen: 85.747 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF107097.D

Acq: 3 Jul 2018 23:01

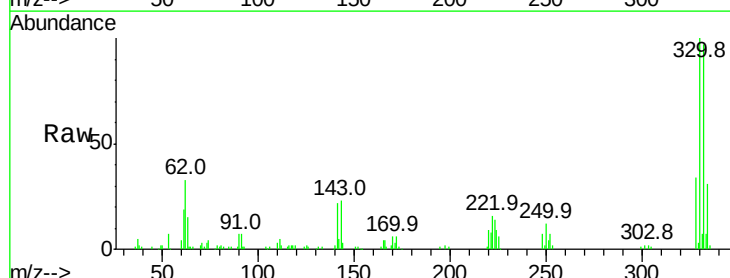
Tgt Ion:330 Resp: 70225

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.6

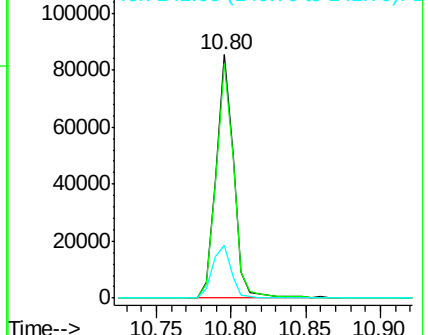
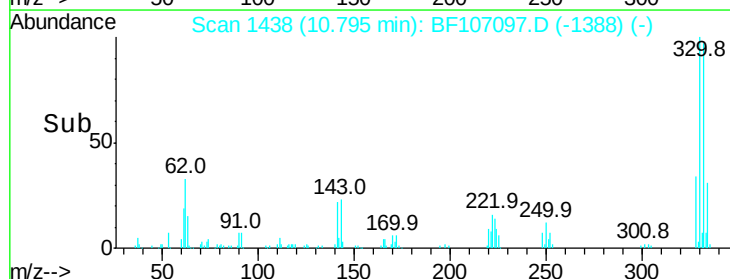
141 22.7 29.9 44.9#

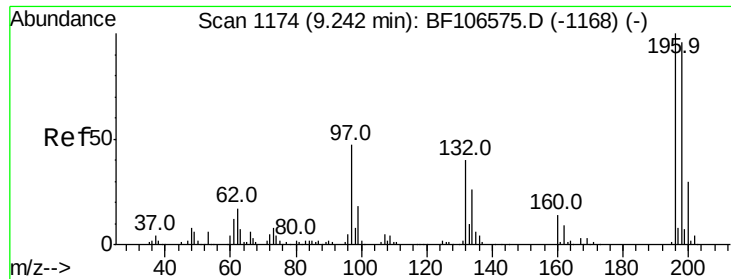


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

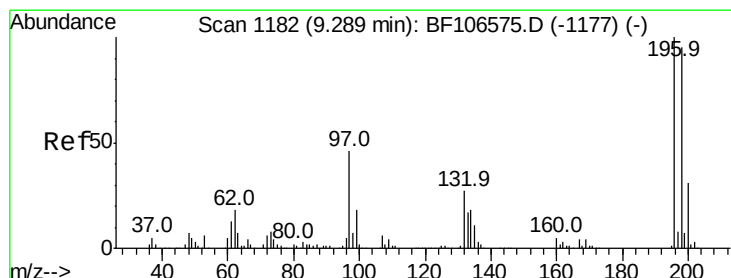
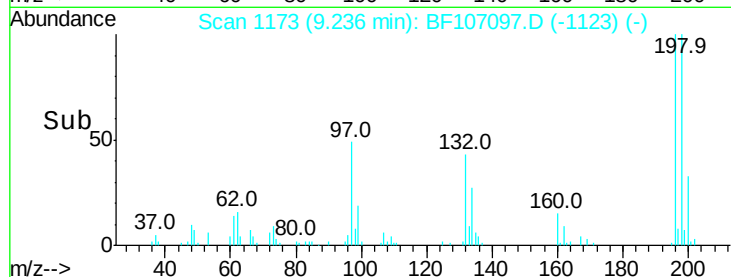
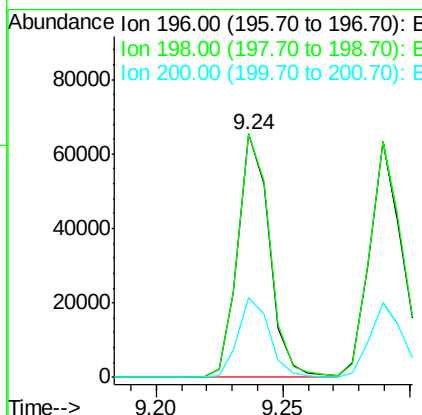
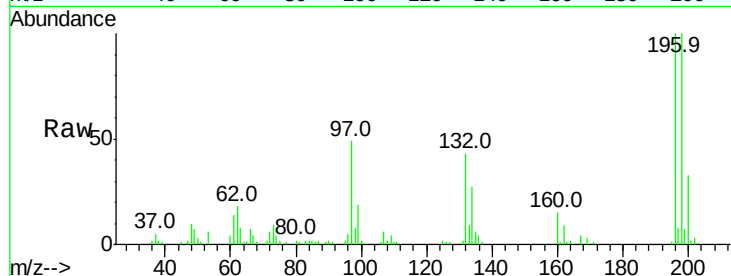




#42
 2,4,6-Trichlorophenol
 Concen: 35.883 ng
 RT: 9.24 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF107097.D
 Acq: 3 Jul 2018 23:01

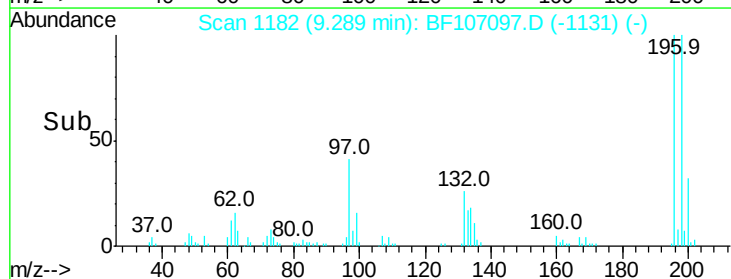
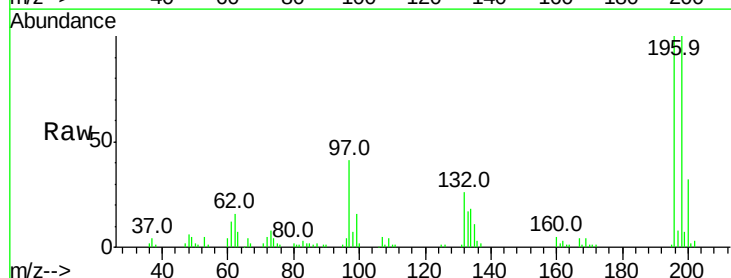
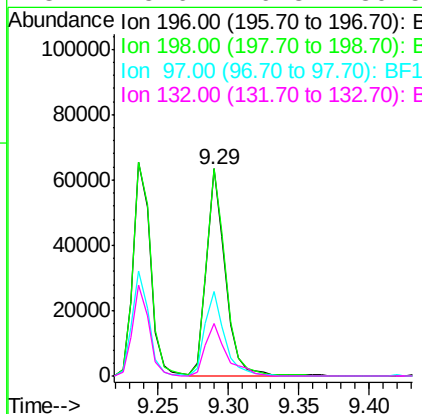
Instrument :
 BNA_F
 ClientSampleId :

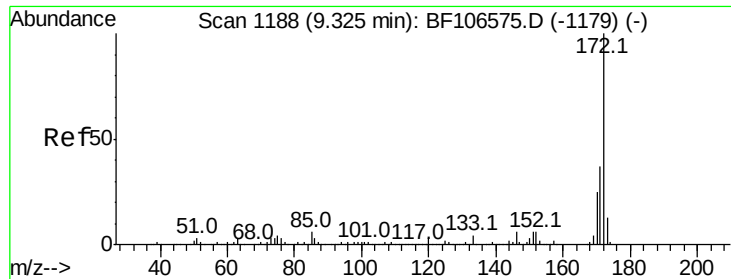
Tot Ion	196	Resp	56759
Ion	Ratio	Lower	Upper
196	100		
198	100.2	75.7	113.5
200	32.9	24.5	36.7



#43
 2,4,5-Trichlorophenol
 Concen: 36.004 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF107097.D
 Acq: 3 Jul 2018 23:01

Tgt Ion	196	Resp	59426
Ion	Ratio	Lower	Upper
196	100		
198	99.9	74.6	112.0
97	40.7	42.9	64.3#
132	25.6	26.3	39.5#

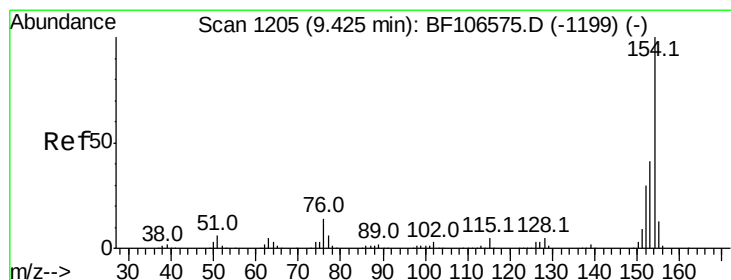
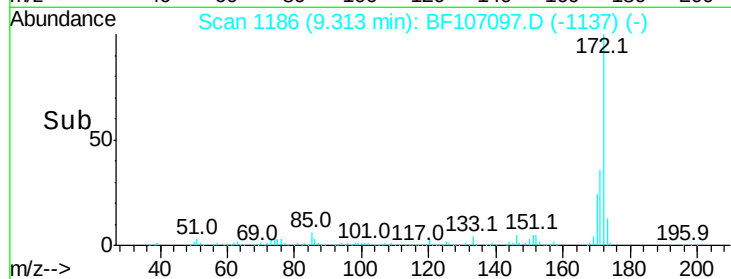
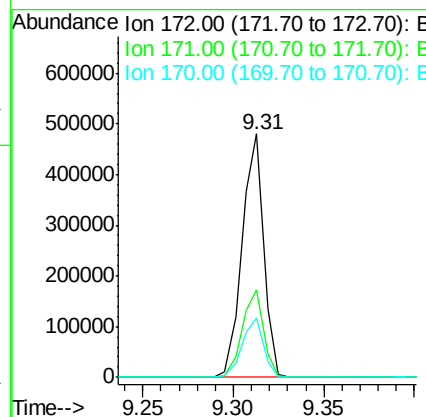
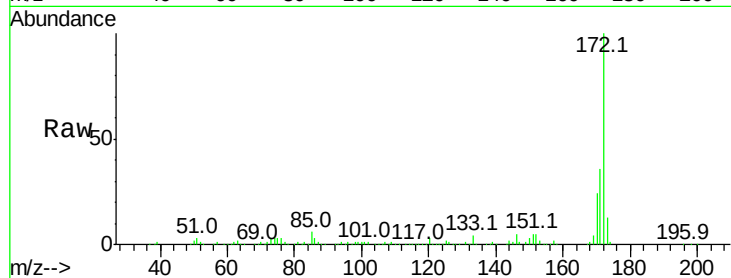




#44
2-Fluorobiphenyl
Concen: 96.779 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF107097.D
Acq: 3 Jul 2018 23:01

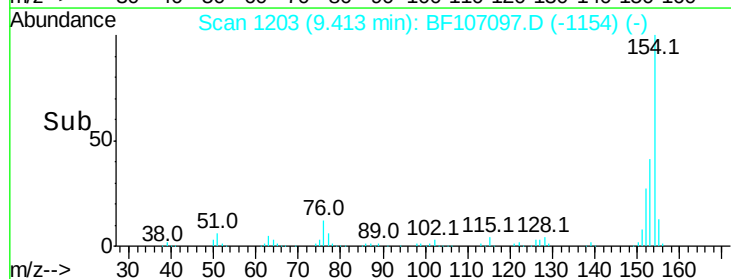
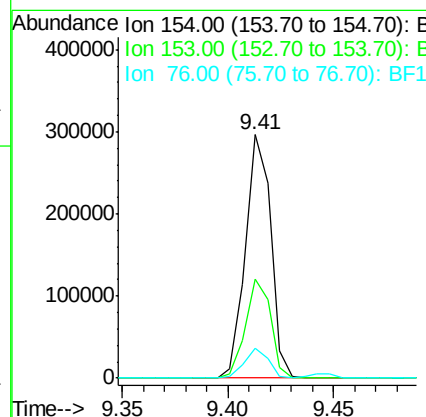
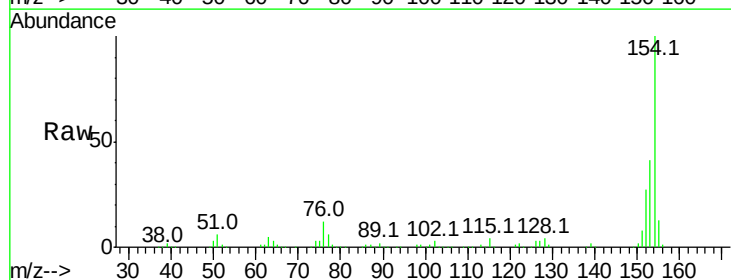
Instrument :
BNA_F
ClientSampleId :

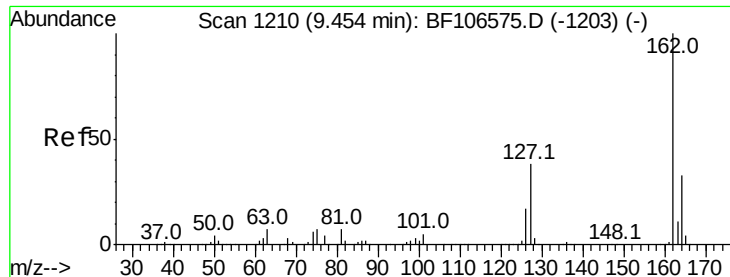
Tot Ion:172 Resp: 395485
Ion Ratio Lower Upper
172 100
171 35.7 29.7 44.5
170 24.2 19.6 29.4



#45
1,1'-Biphenyl
Concen: 43.816 ng
RT: 9.41 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF107097.D
Acq: 3 Jul 2018 23:01

Tgt Ion:154 Resp: 246742
Ion Ratio Lower Upper
154 100
153 40.8 21.3 61.3
76 12.3 0.0 34.0

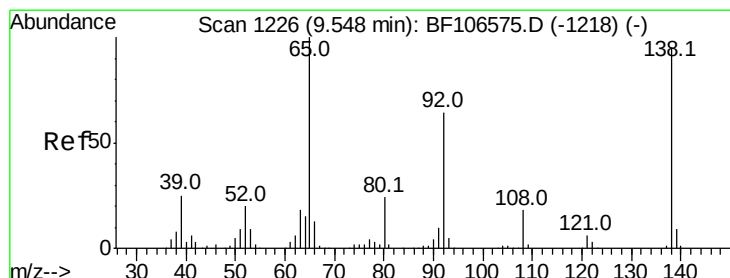
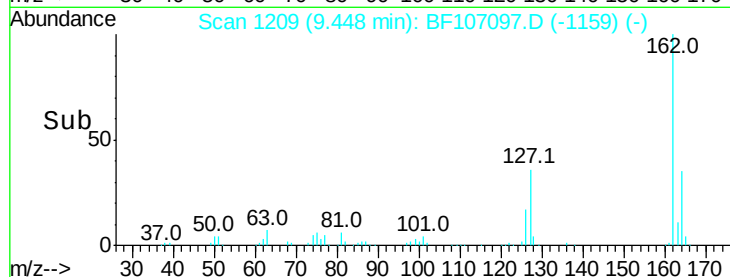
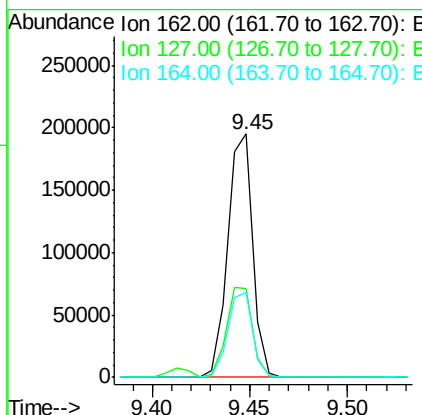
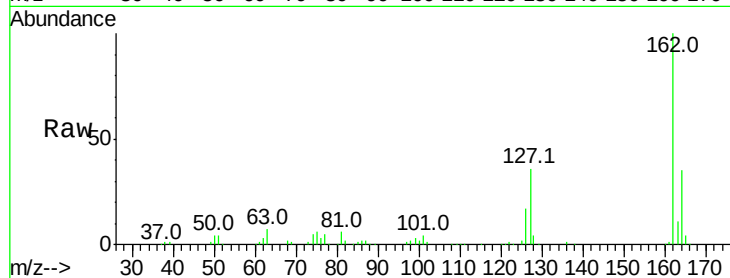




#46
 2-Chloronaphthalene
 Concen: 38.855 ng
 RT: 9.45 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF107097.D
 Acq: 3 Jul 2018 23:01

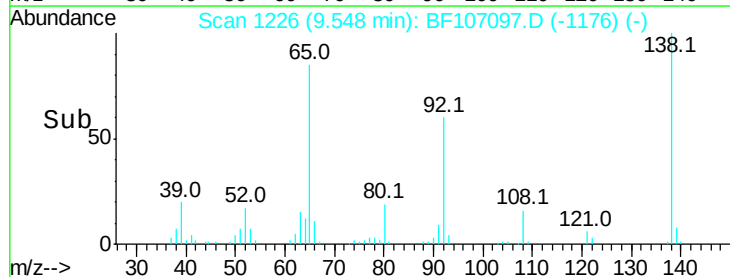
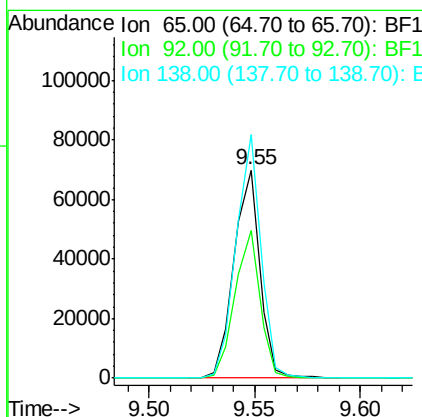
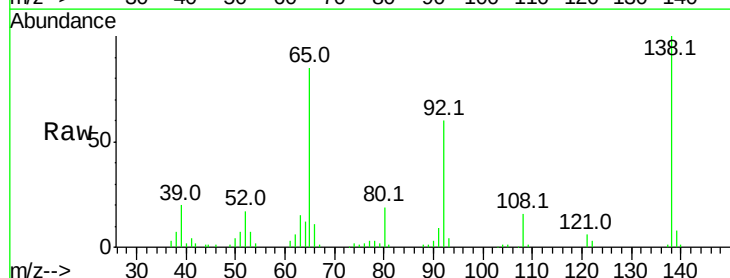
Instrument :
 BNA_F
 ClientSampleId :

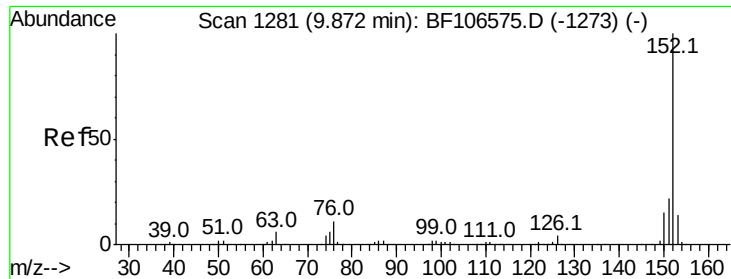
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.4	33.9	50.9
164	34.8	26.5	39.7



#47
 2-Nitroaniline
 Concen: 39.566 ng
 RT: 9.55 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF107097.D
 Acq: 3 Jul 2018 23:01

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.9	55.8	83.6
138	117.2	91.2	136.8





#48

Acenaphthylene

Concen: 38.554 ng

RT: 9.86 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF107097.D

Acq: 3 Jul 2018 23:01

Instrument :

BNA_F

ClientSampleId :

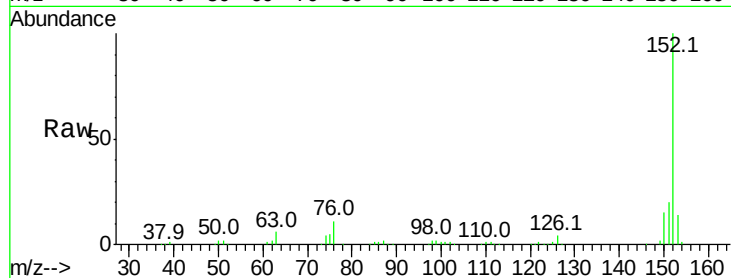
Tot Ion:152 Resp: 269812

Ion Ratio Lower Upper

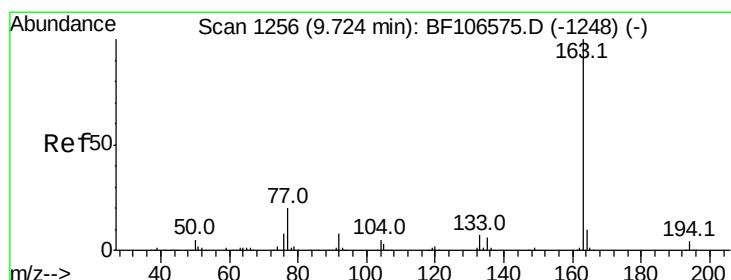
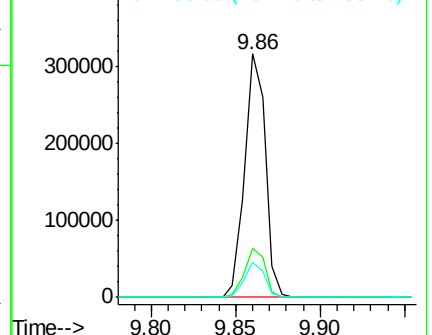
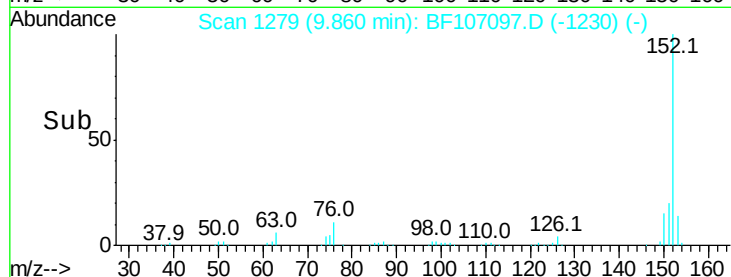
152 100

151 20.3 16.3 24.5

153 14.2 10.7 16.1



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



#49

Dimethylphthalate

Concen: 38.756 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF107097.D

Acq: 3 Jul 2018 23:01

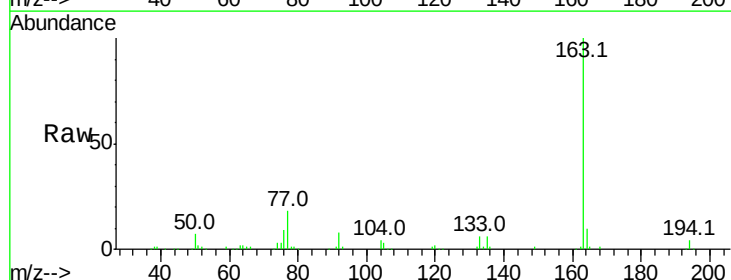
Tgt Ion:163 Resp: 205392

Ion Ratio Lower Upper

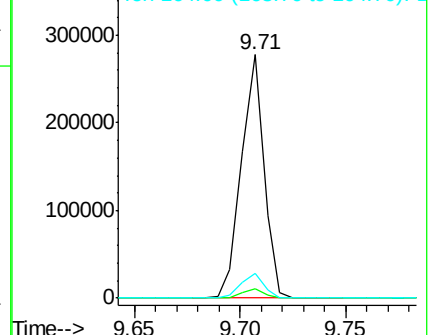
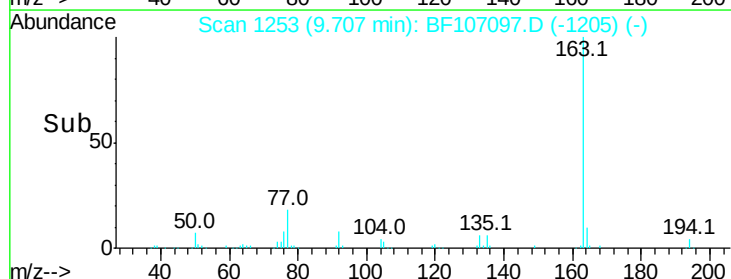
163 100

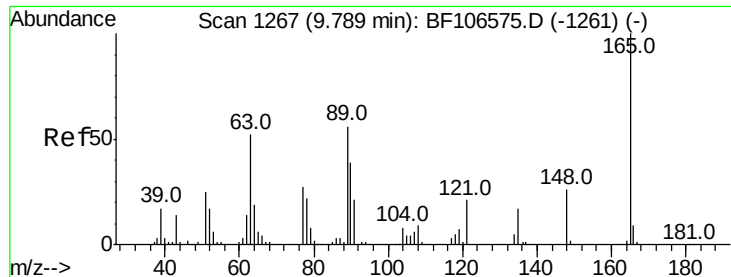
194 4.0 2.7 4.1

164 10.2 8.2 12.2



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

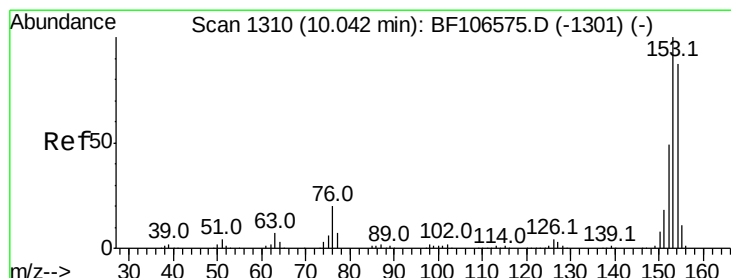
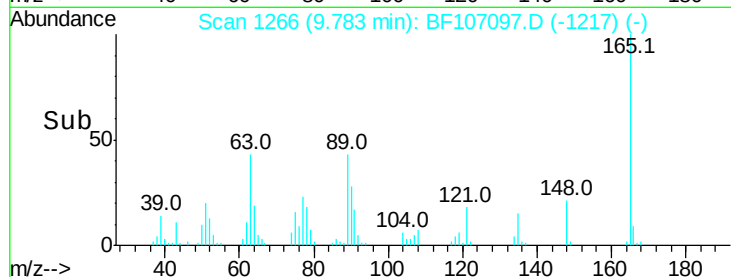
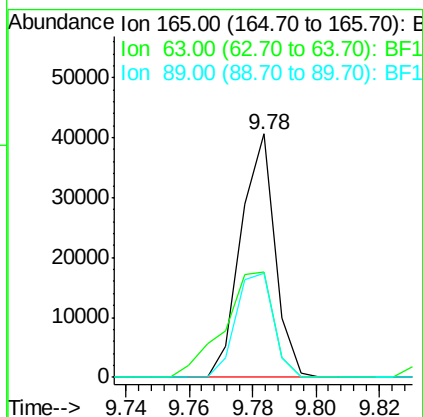
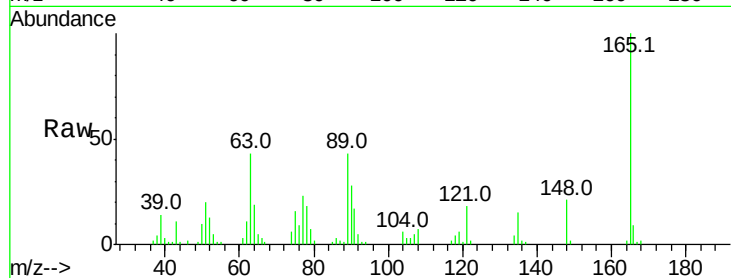




#50
2,6-Dinitrotoluene
Concen: 26.851 ng
RT: 9.78 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF107097.D
Acq: 3 Jul 2018 23:01

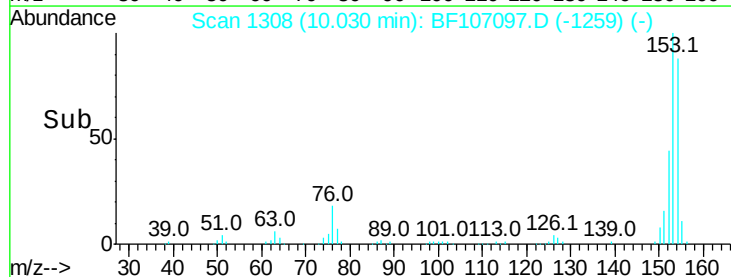
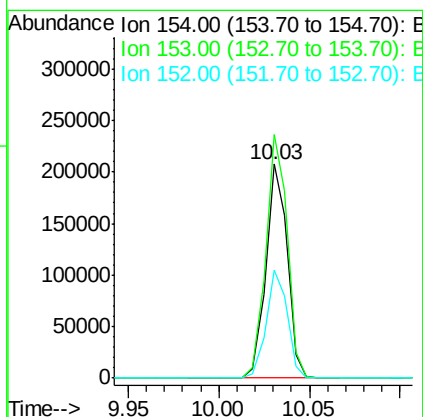
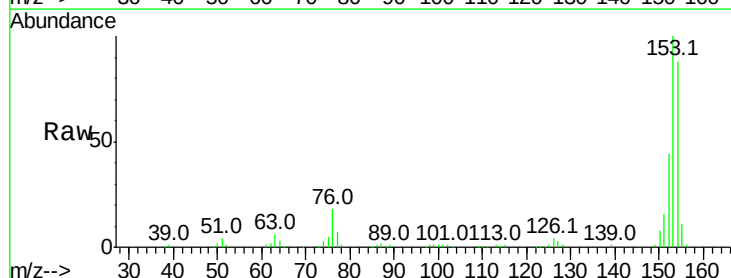
Instrument :
BNA_F
ClientSampled :

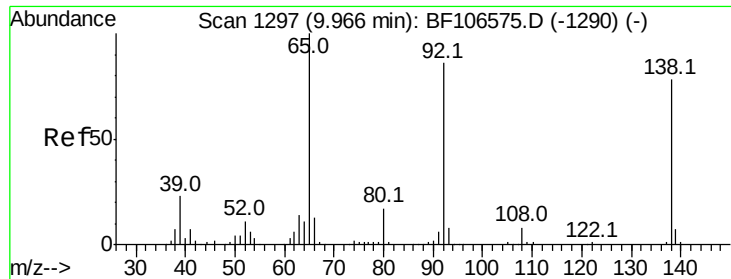
Tot Ion:165 Resp: 30133
Ion Ratio Lower Upper
165 100
63 43.1 44.7 67.1#
89 42.5 44.0 66.0#



#51
Acenaphthene
Concen: 38.563 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF107097.D
Acq: 3 Jul 2018 23:01

Tgt Ion:154 Resp: 169942
Ion Ratio Lower Upper
154 100
153 113.9 91.2 136.8
152 50.3 43.8 65.8

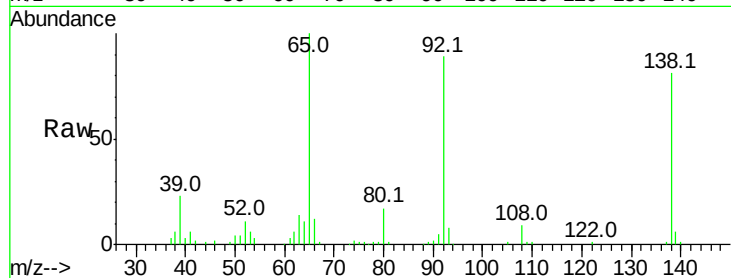




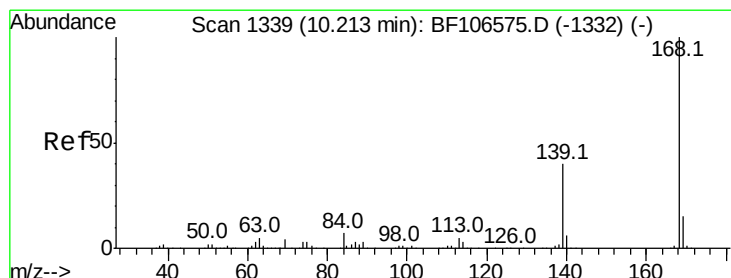
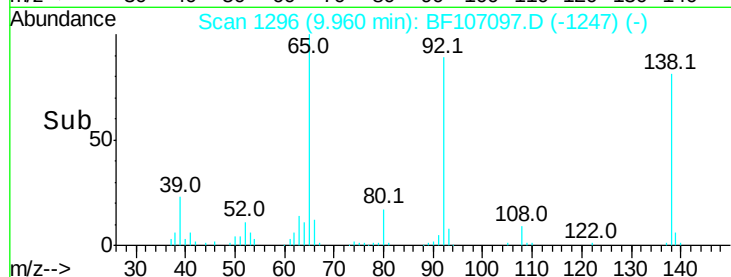
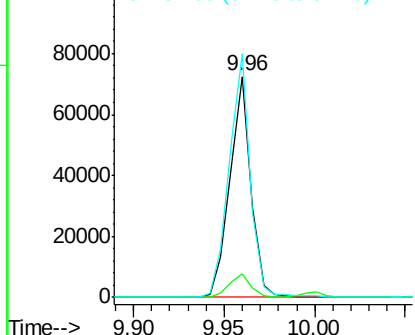
#52
3-Nitroaniline
Concen: 45.681 ng
RT: 9.96 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF107097.D
Acq: 3 Jul 2018 23:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 58992
Ion Ratio Lower Upper
138 100
108 10.9 9.4 14.0
92 110.1 89.4 134.2

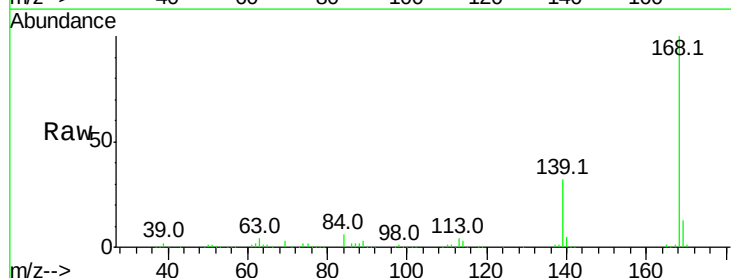


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

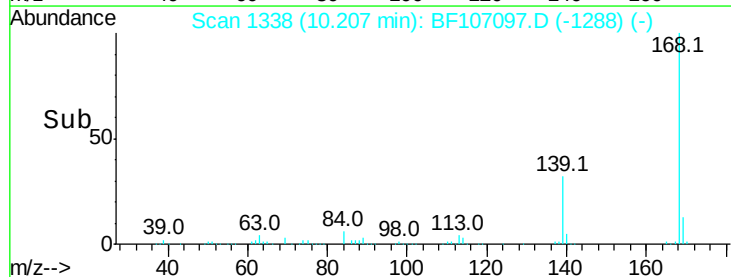
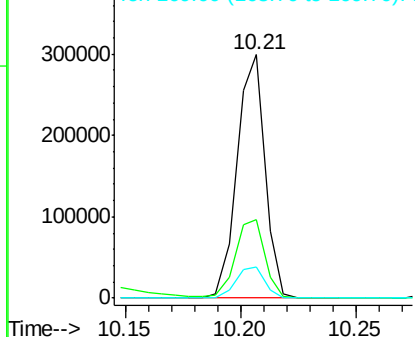


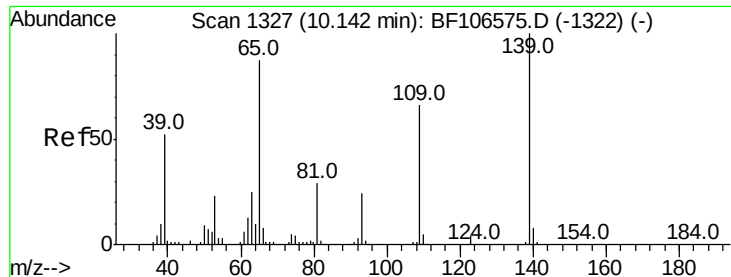
#54
Dibenzofuran
Concen: 41.848 ng
RT: 10.21 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF107097.D
Acq: 3 Jul 2018 23:01

Tgt Ion:168 Resp: 252531
Ion Ratio Lower Upper
168 100
139 32.0 30.1 45.1
169 12.9 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

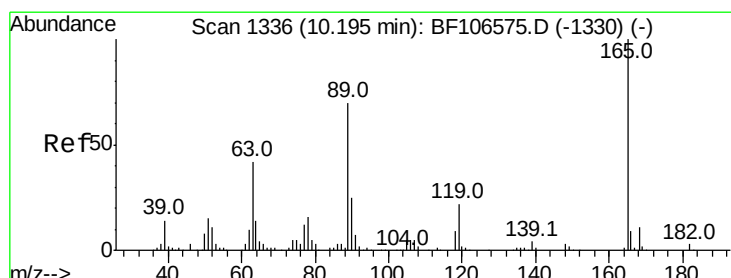
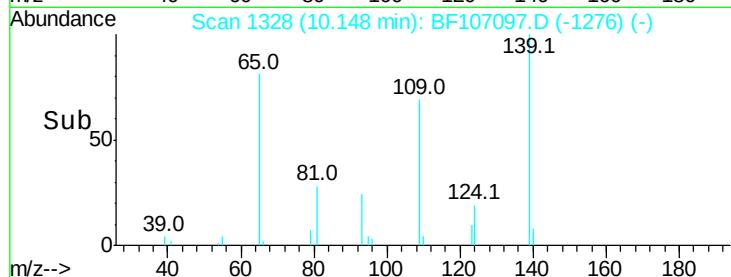
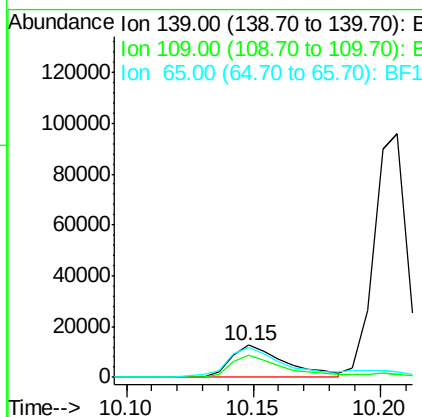
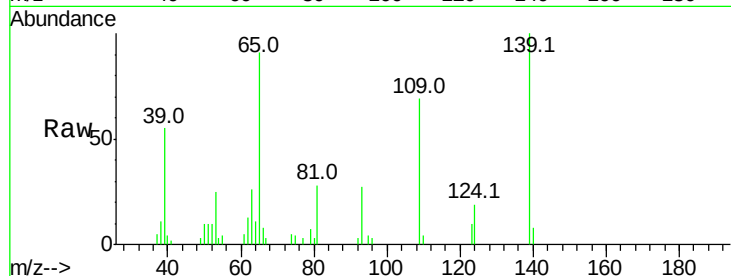




#55
4-Nitrophenol
Concen: 20.821 ng
RT: 10.15 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF107097.D
Acq: 3 Jul 2018 23:01

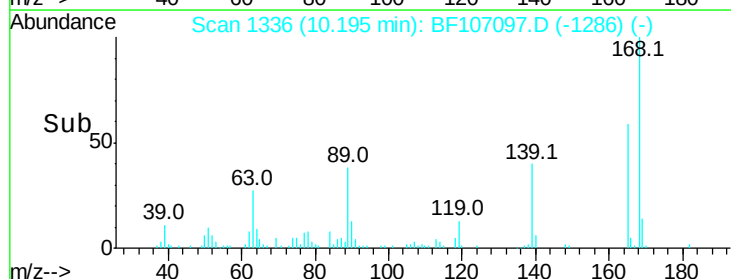
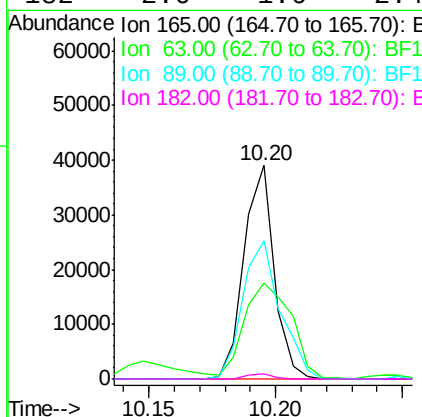
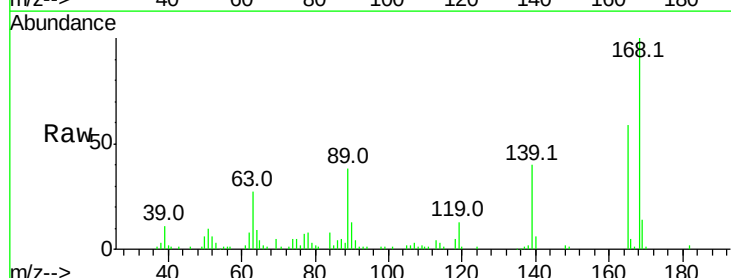
Instrument :
BNA_F
ClientSampleId :

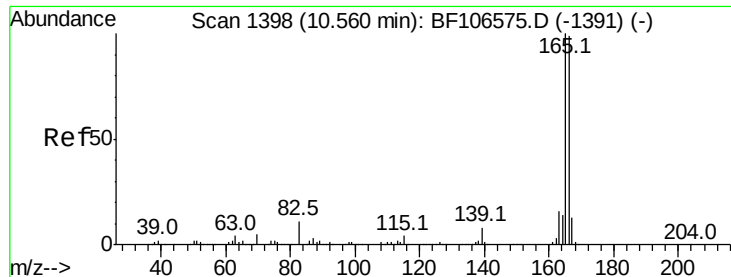
Tot Ion:139 Resp: 18768
Ion Ratio Lower Upper
139 100
109 68.9 48.4 88.4
65 90.5 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 22.000 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF107097.D
Acq: 3 Jul 2018 23:01

Tgt Ion:165 Resp: 32226
Ion Ratio Lower Upper
165 100
63 45.0 36.4 54.6
89 64.5 57.8 86.6
182 2.6 1.6 2.4#





#57

Fluorene

Concen: 42.383 ng

RT: 10.55 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF107097.D

Acq: 3 Jul 2018 23:01

Instrument :

BNA_F

ClientSampleId :

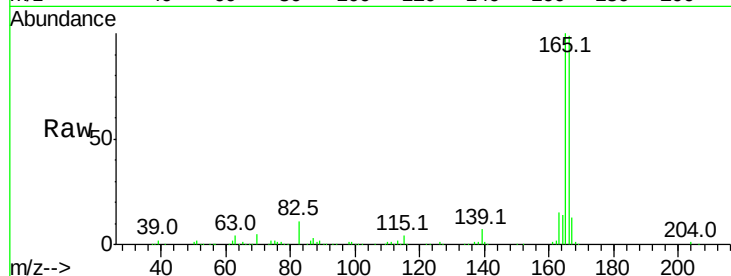
Tot Ion:166 Resp: 202950

Ion Ratio Lower Upper

166 100

165 100.8 79.8 119.8

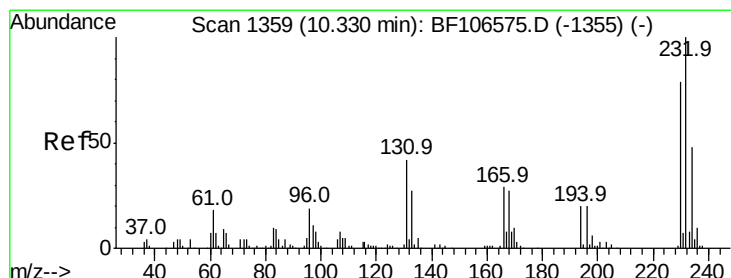
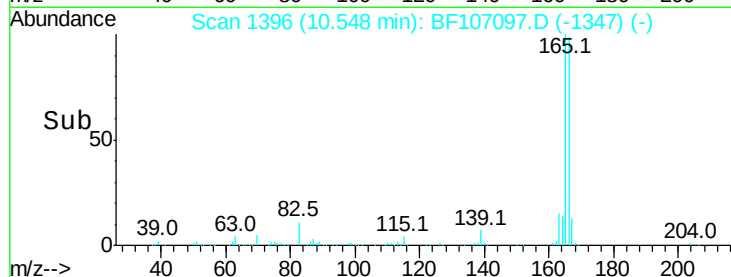
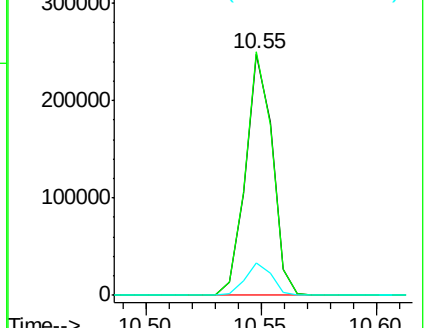
167 13.2 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.329 ng

RT: 10.33 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF107097.D

Acq: 3 Jul 2018 23:01

Tgt Ion:232 Resp: 50289

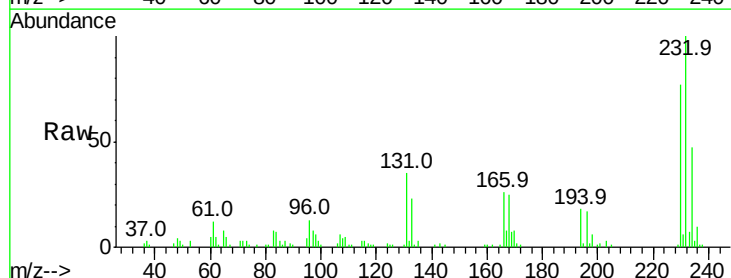
Ion Ratio Lower Upper

232 100

131 35.5 43.8 65.8#

130 0.9 2.1 3.1#

166 26.1 27.8 41.6#

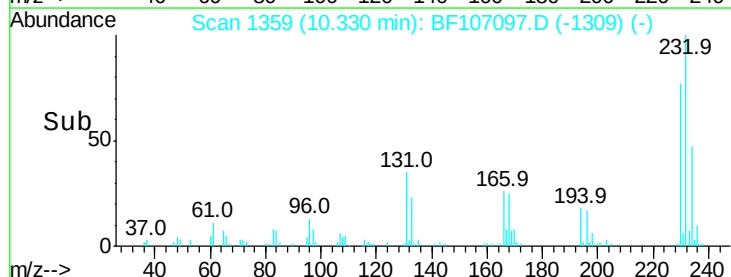
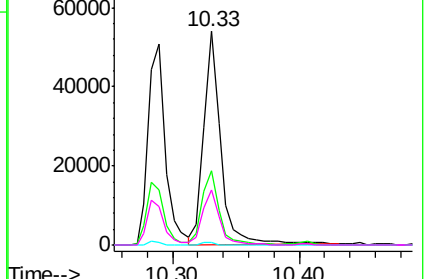


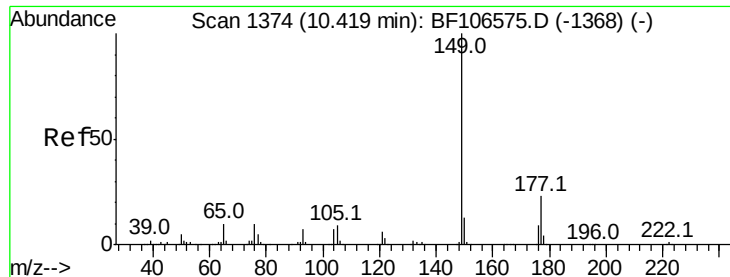
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

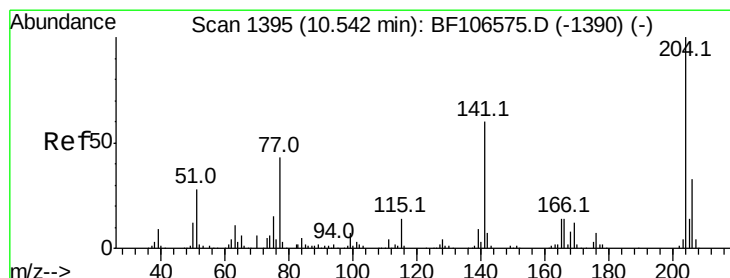
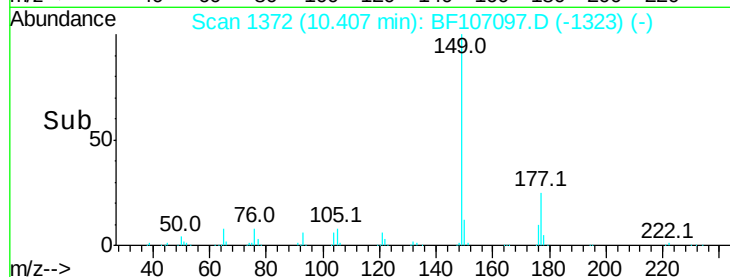
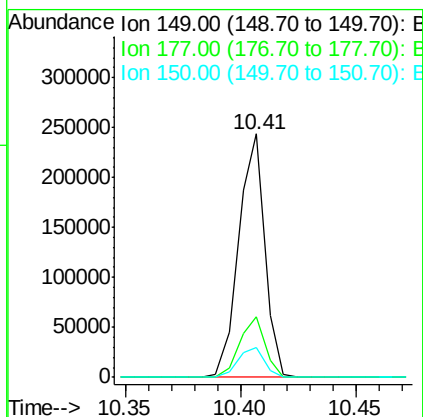
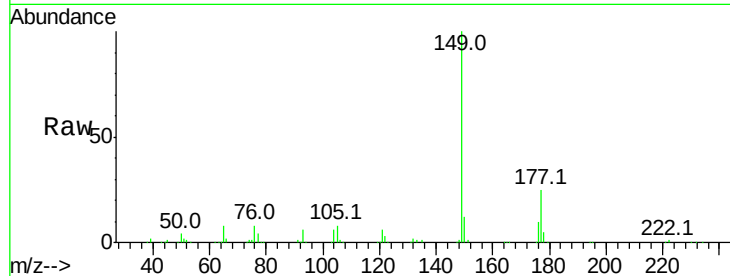




#59
Diethylphthalate
Concen: 37.650 ng
RT: 10.41 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF107097.D
Acq: 3 Jul 2018 23:01

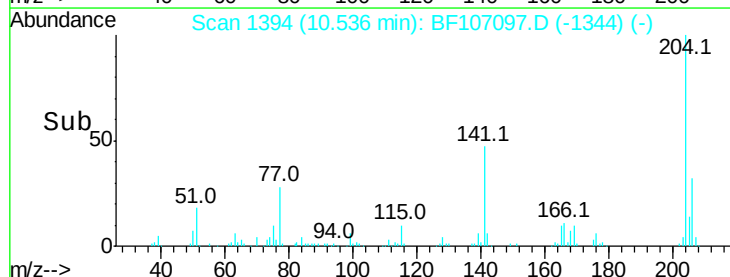
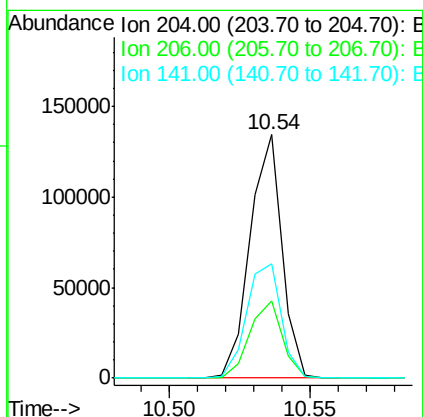
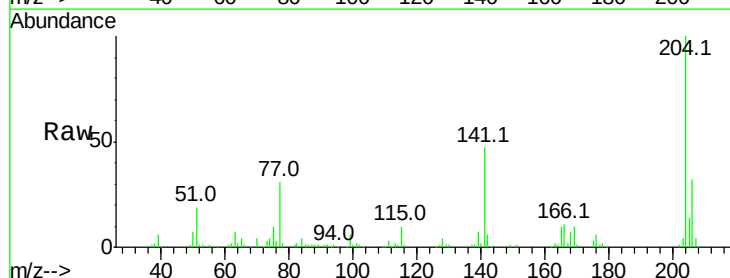
Instrument :
BNA_F
ClientSampleId :

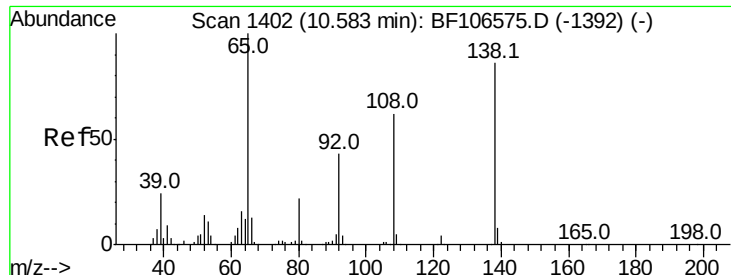
Tot Ion:149 Resp: 192584
Ion Ratio Lower Upper
149 100
177 25.0 16.1 24.1#
150 12.1 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 42.146 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF107097.D
Acq: 3 Jul 2018 23:01

Tgt Ion:204 Resp: 105596
Ion Ratio Lower Upper
204 100
206 31.9 26.5 39.7
141 46.8 54.6 81.8#

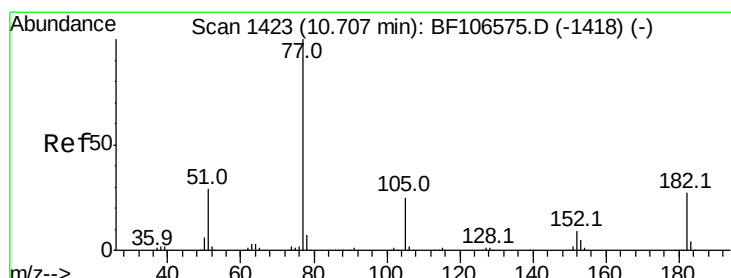
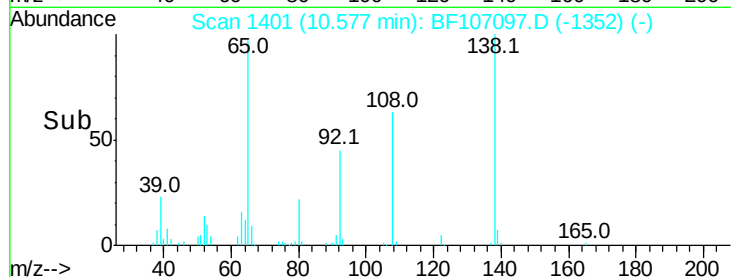
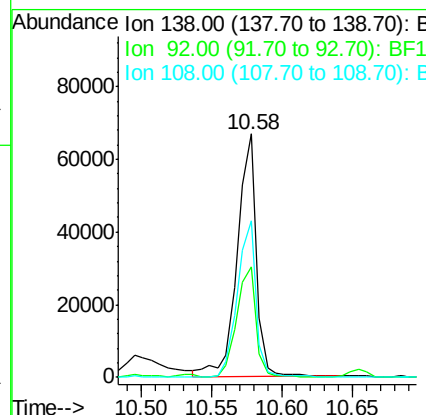
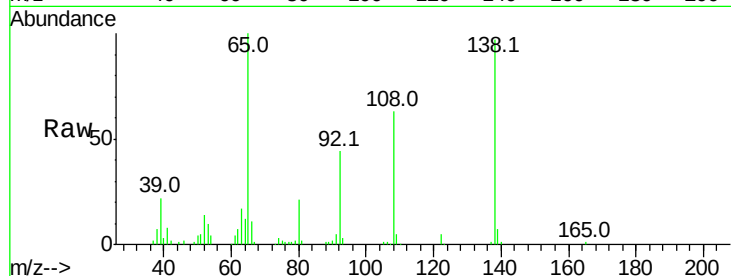




#61
4-Nitroaniline
Concen: 49.355 ng
RT: 10.58 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF107097.D
Acq: 3 Jul 2018 23:01

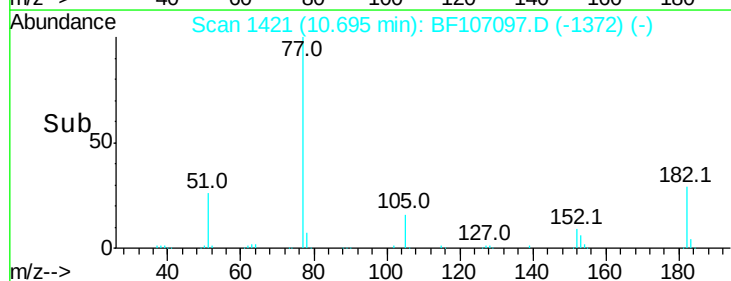
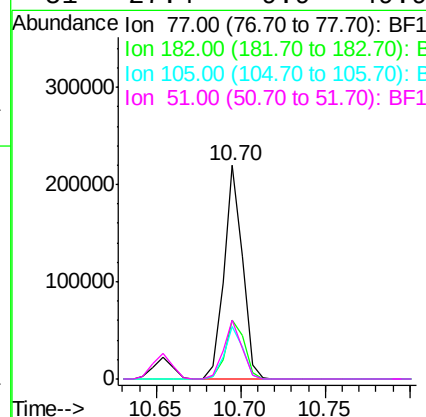
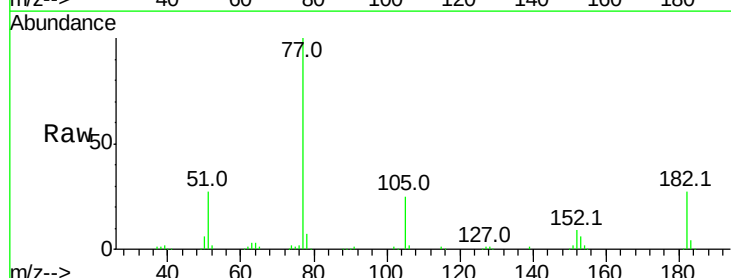
Instrument :
BNA_F
ClientSampleId :

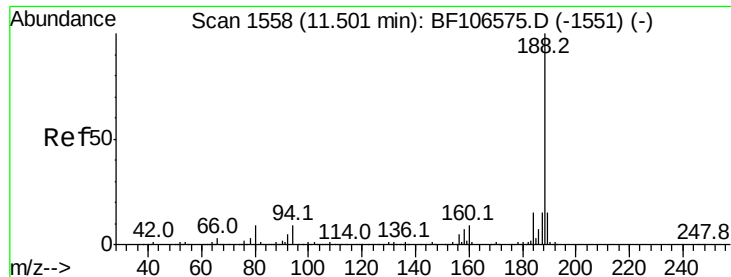
Tot Ion:138 Resp: 63254
Ion Ratio Lower Upper
138 100
92 45.3 30.2 70.2
108 64.5 52.5 92.5



#62
Azobenzene
Concen: 33.381 ng
RT: 10.70 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF107097.D
Acq: 3 Jul 2018 23:01

Tgt Ion: 77 Resp: 168141
Ion Ratio Lower Upper
77 100
182 27.4 1.7 41.7
105 24.8 3.0 43.0
51 27.4 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF107097.D

Acq: 3 Jul 2018 23:01

Instrument :

BNA_F

ClientSampleId :

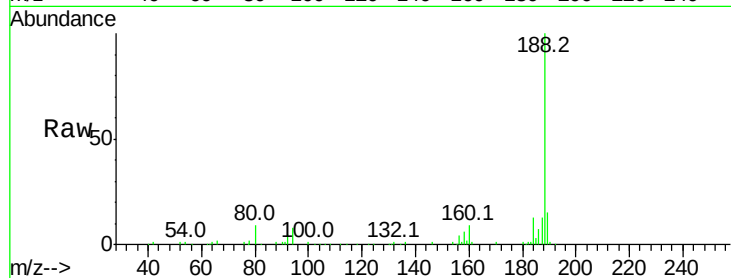
Tot Ion:188 Resp: 151889

Ion Ratio Lower Upper

188 100

94 8.0 8.5 12.7#

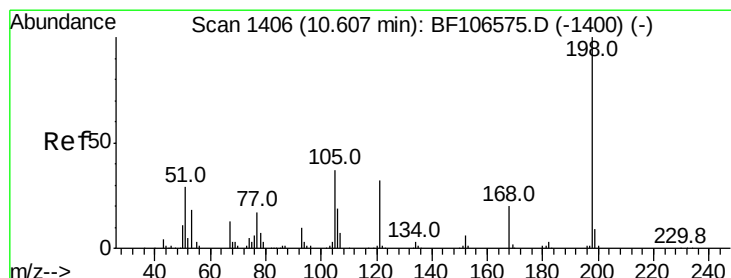
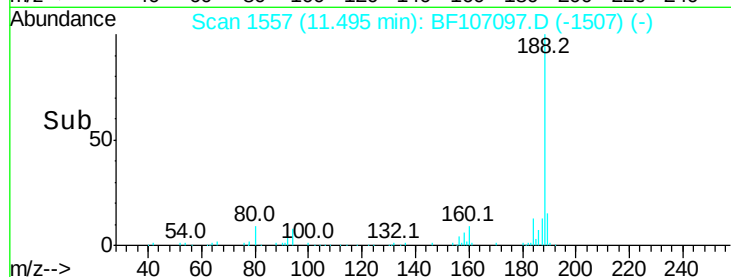
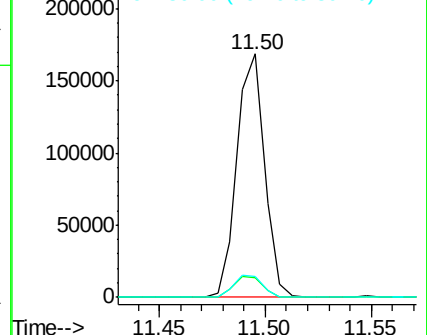
80 8.5 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 2.882 ng

RT: 10.33 min Scan# 1359

Delta R.T. -0.28 min

Lab File: BF107097.D

Acq: 3 Jul 2018 23:01

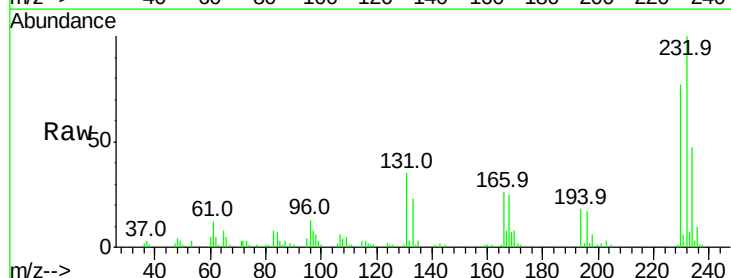
Tgt Ion:198 Resp: 2706

Ion Ratio Lower Upper

198 100

51 0.0 37.7 77.7#

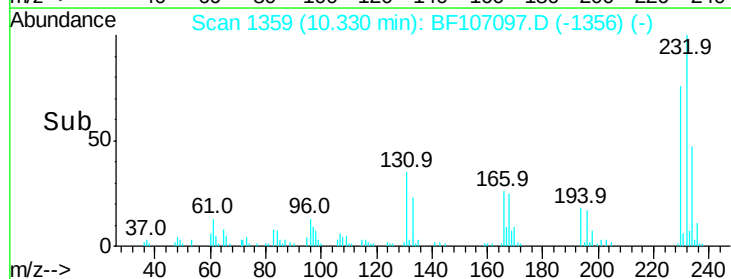
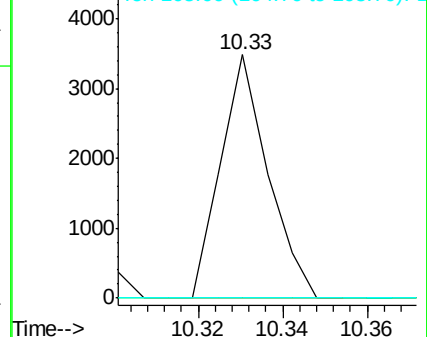
105 0.0 36.3 76.3#

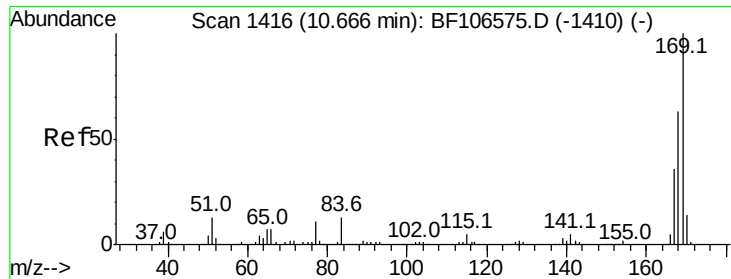


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

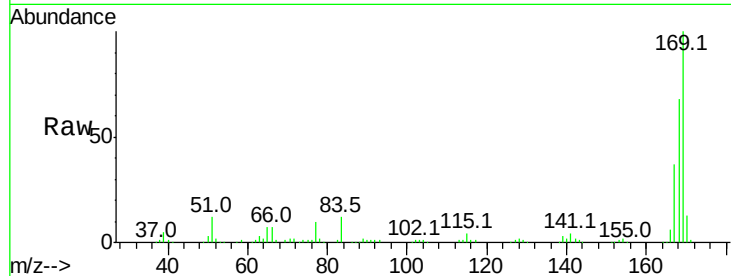




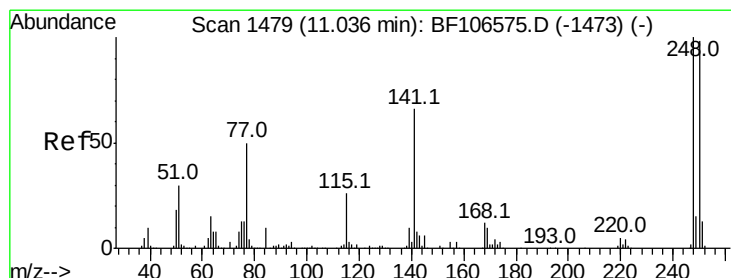
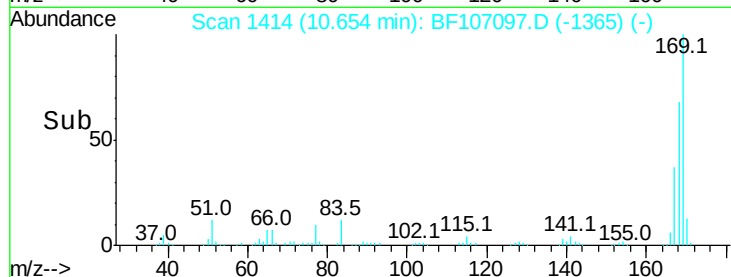
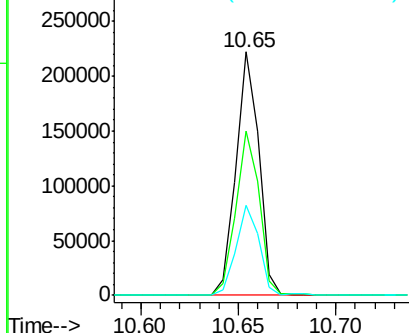
#65
 n-Nitrosodiphenylamine
 Concen: 35.394 ng
 RT: 10.65 min Scan# 1414
 Delta R.T. -0.01 min
 Lab File: BF107097.D
 Acq: 3 Jul 2018 23:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:169 Resp: 180820
 Ion Ratio Lower Upper
 169 100
 168 67.7 54.4 81.6
 167 37.1 29.8 44.6

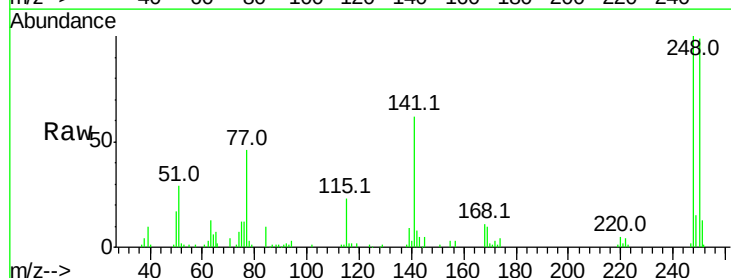


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

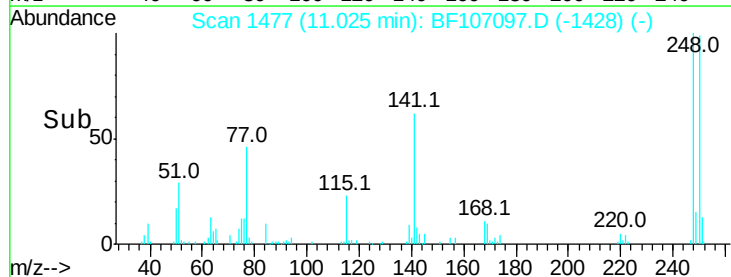
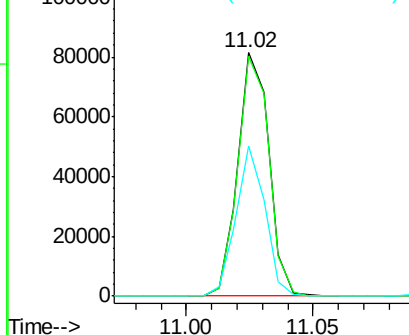


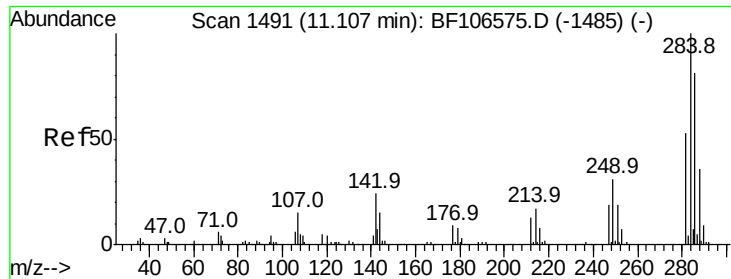
#66
 4-Bromophenyl-phenylether
 Concen: 38.292 ng
 RT: 11.02 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BF107097.D
 Acq: 3 Jul 2018 23:01

Tgt Ion:248 Resp: 69413
 Ion Ratio Lower Upper
 248 100
 250 98.7 76.9 115.3
 141 61.6 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

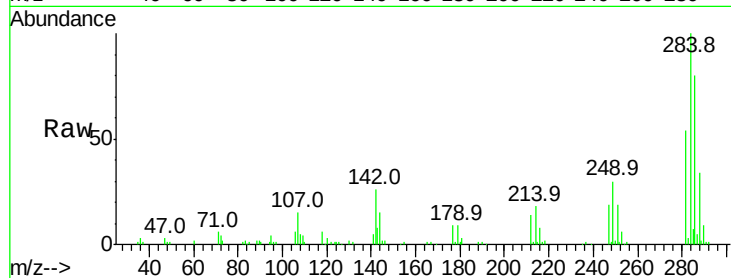




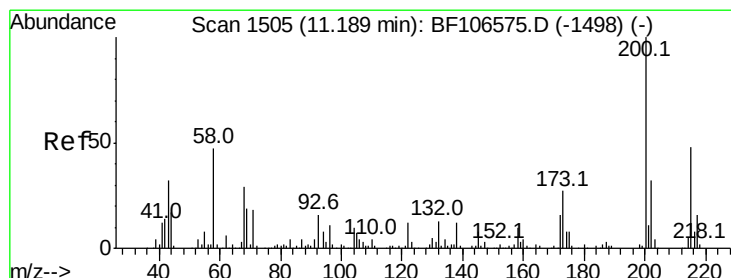
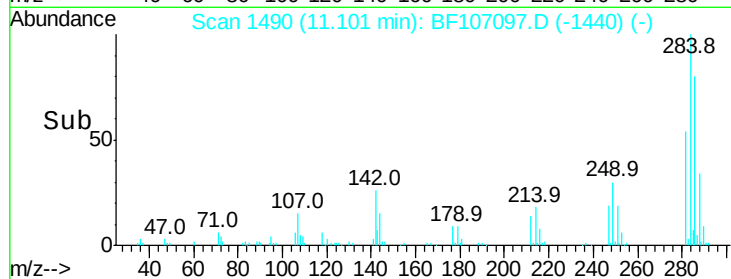
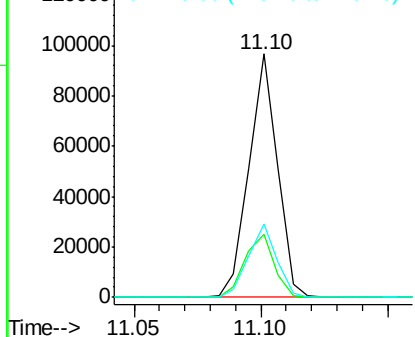
#67
Hexachlorobenzene
Concen: 39.929 ng
RT: 11.10 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BF107097.D
Acq: 3 Jul 2018 23:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 75756
Ion Ratio Lower Upper
284 100
142 25.8 34.6 52.0#
249 30.3 24.8 37.2

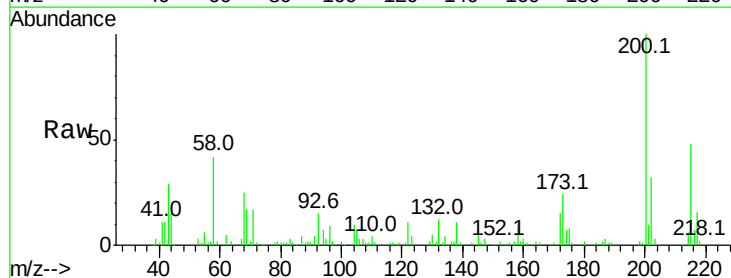


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

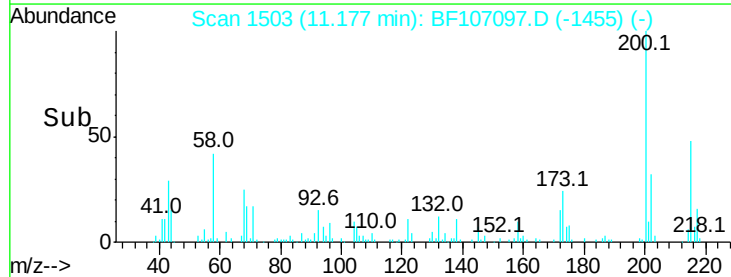
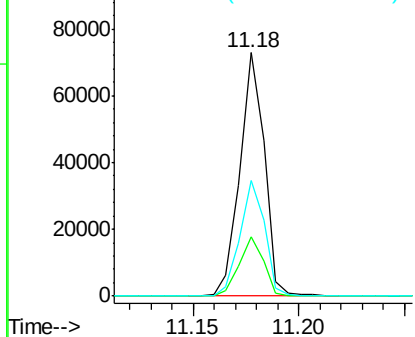


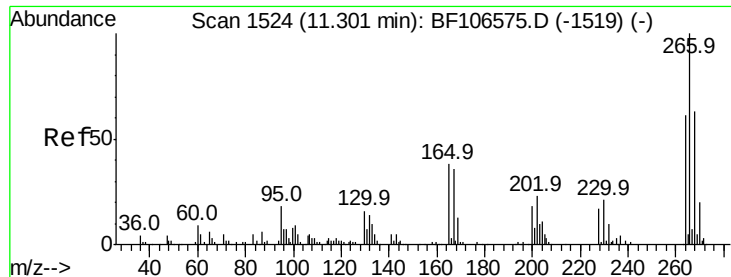
#68
Atrazine
Concen: 35.952 ng
RT: 11.18 min Scan# 1503
Delta R.T. -0.02 min
Lab File: BF107097.D
Acq: 3 Jul 2018 23:01

Tgt Ion:200 Resp: 58390
Ion Ratio Lower Upper
200 100
173 24.4 8.6 48.6
215 47.5 25.1 65.1



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

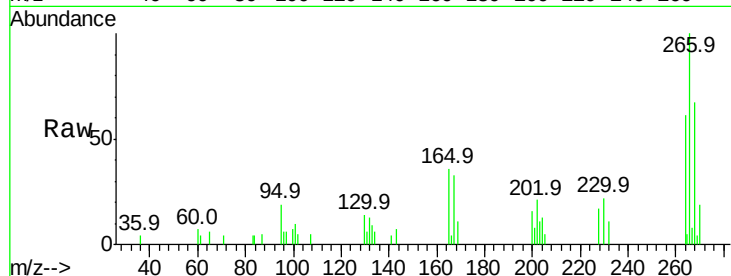




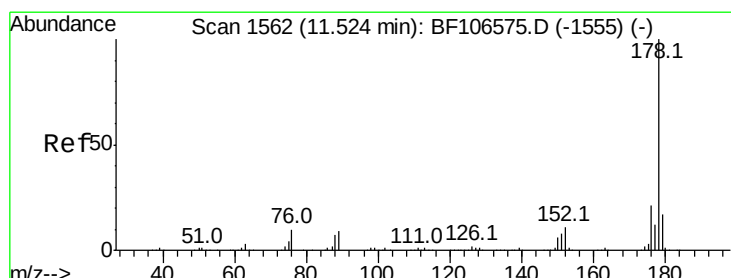
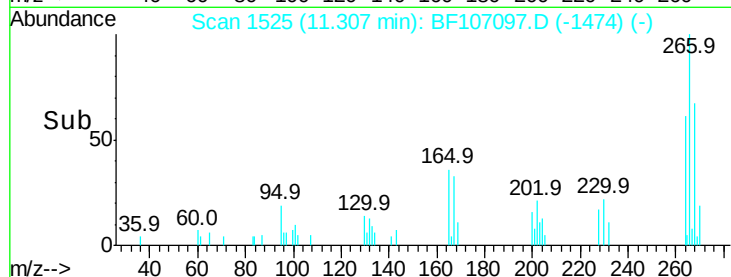
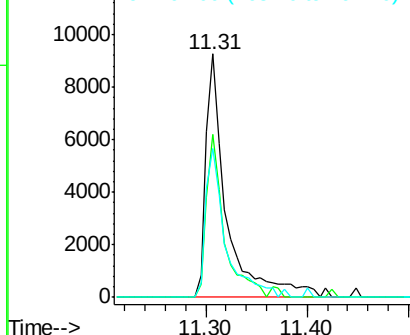
#69
 Pentachlorophenol
 Concen: 13.854 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. 0.00 min
 Lab File: BF107097.D
 Acq: 3 Jul 2018 23:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 13115
 Ion Ratio Lower Upper
 266 100
 268 67.0 51.1 76.7
 264 61.3 49.5 74.3

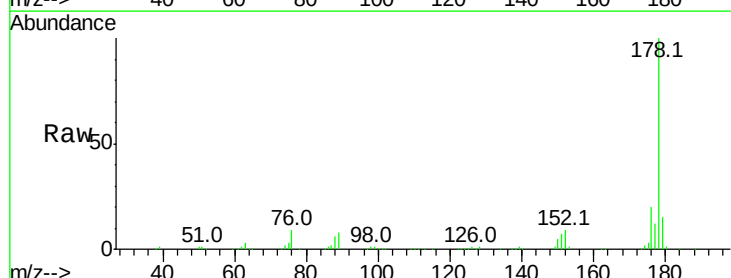


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

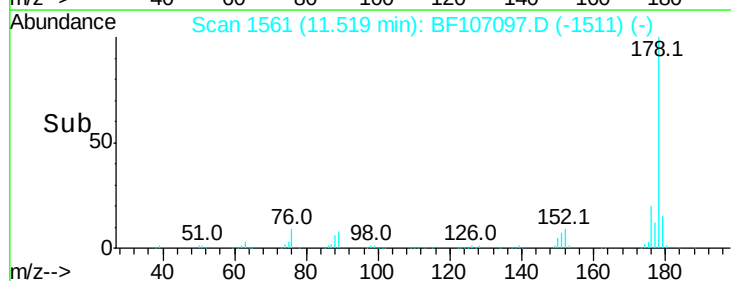
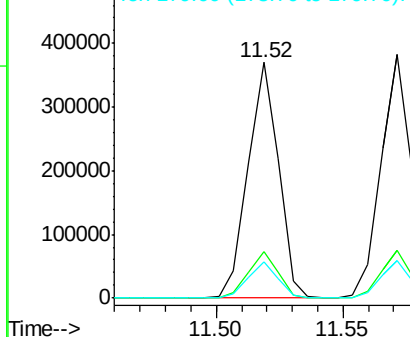


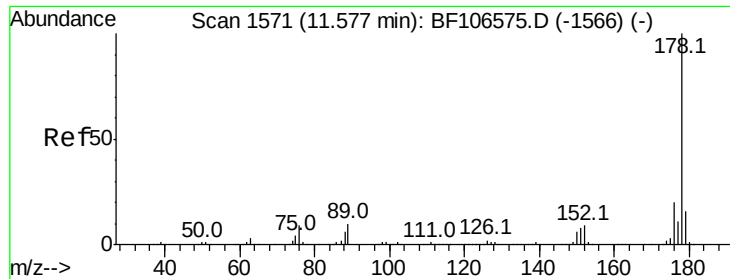
#70
 Phenanthrene
 Concen: 42.467 ng
 RT: 11.52 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF107097.D
 Acq: 3 Jul 2018 23:01

Tgt Ion:178 Resp: 311108
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.1 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

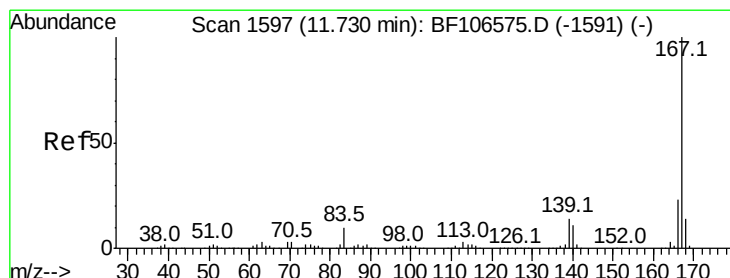
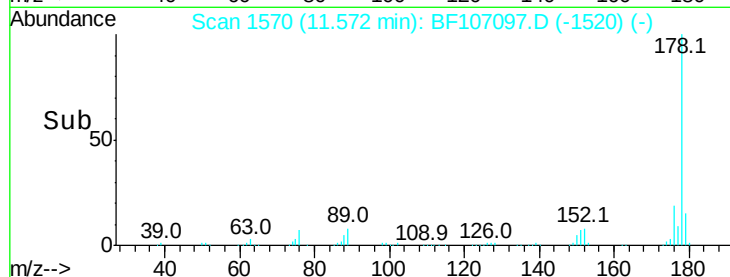
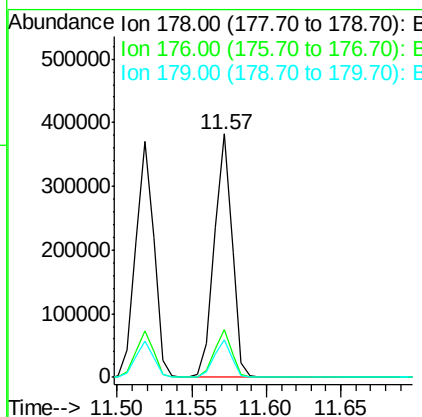
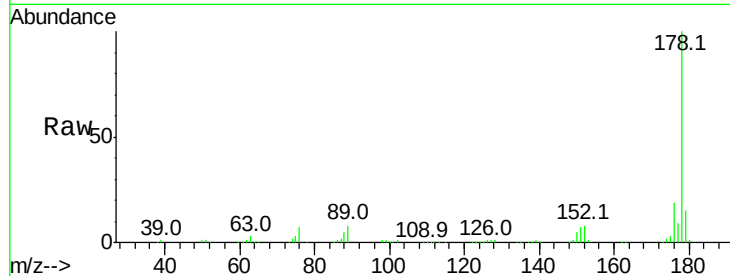




#71
 Anthracene
 Concen: 42.605 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF107097.D
 Acq: 3 Jul 2018 23:01

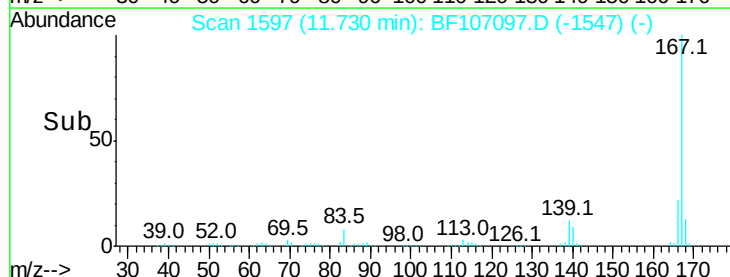
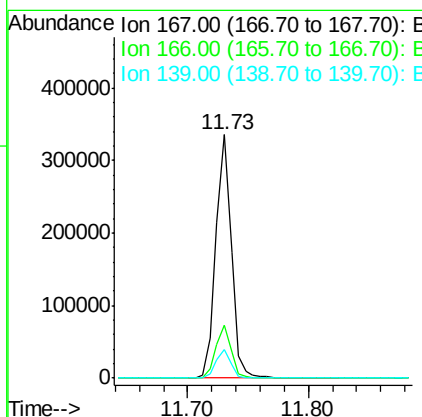
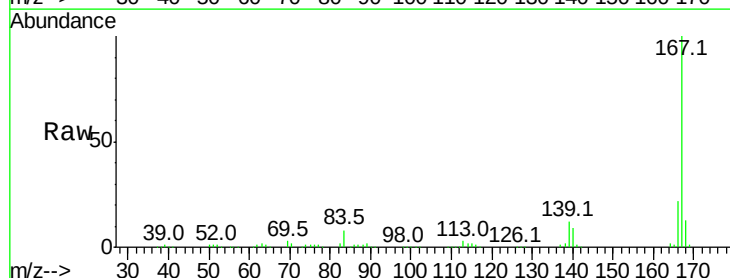
Instrument :
 BNA_F
 ClientSampleId :

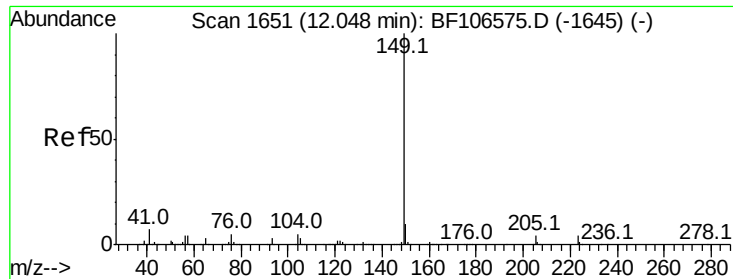
Tot Ion:178 Resp: 318586
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 42.162 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF107097.D
 Acq: 3 Jul 2018 23:01

Tgt Ion:167 Resp: 295167
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.6 26.4
 139 11.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.910 ng

RT: 12.04 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BF107097.D

Acq: 3 Jul 2018 23:01

Instrument :

BNA_F

ClientSampleId :

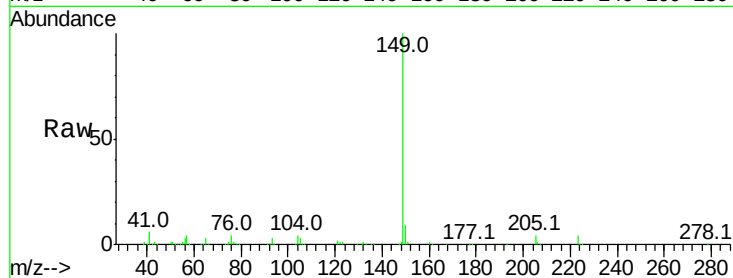
Tot Ion:149 Resp: 312670

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

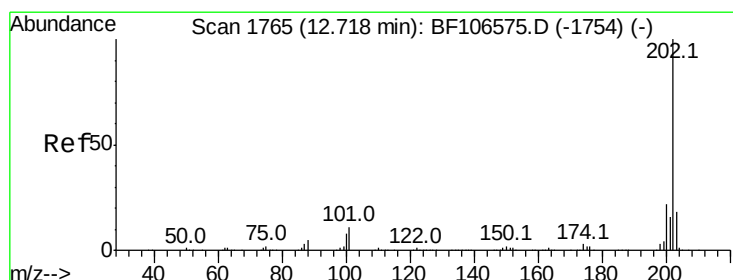
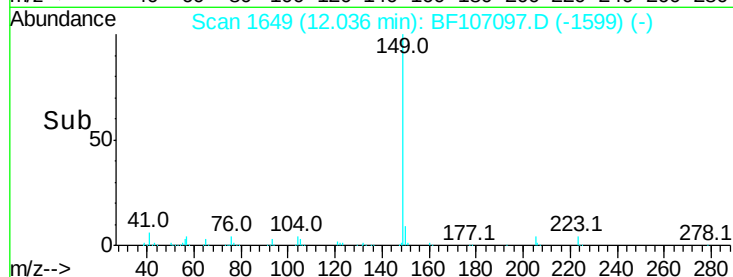
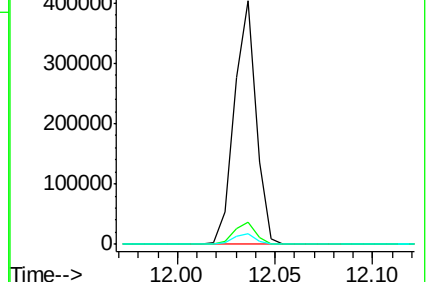
104 4.3 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 46.612 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF107097.D

Acq: 3 Jul 2018 23:01

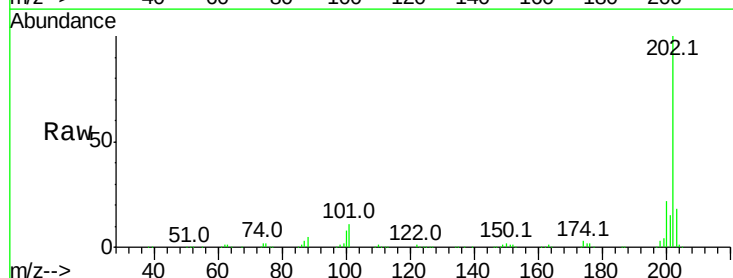
Tgt Ion:202 Resp: 376372

Ion Ratio Lower Upper

202 100

101 10.5 0.0 34.1

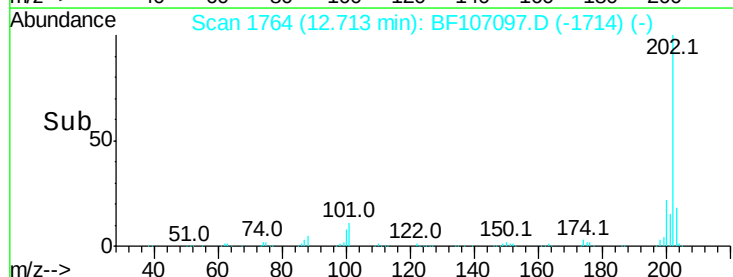
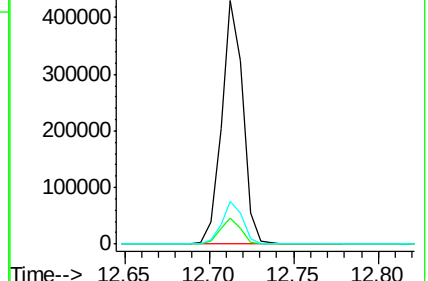
203 17.6 0.0 38.1

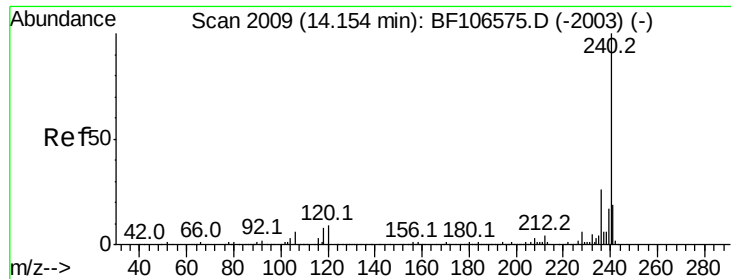


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF107097.D

Acq: 3 Jul 2018 23:01

Instrument :

BNA_F

ClientSampleId :

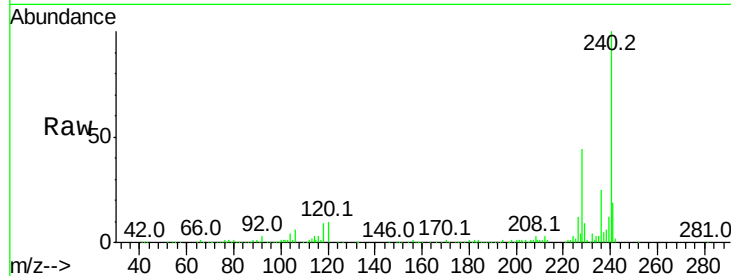
Tot Ion:240 Resp: 128906

Ion Ratio Lower Upper

240 100

120 9.5 9.5 14.3

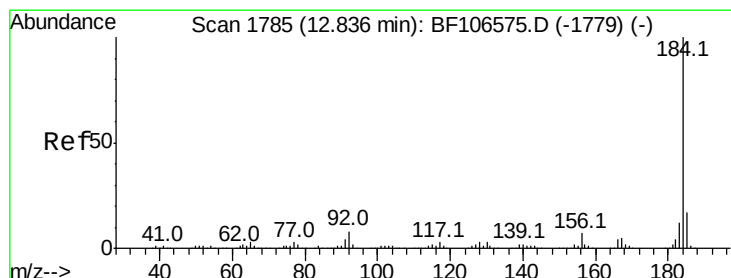
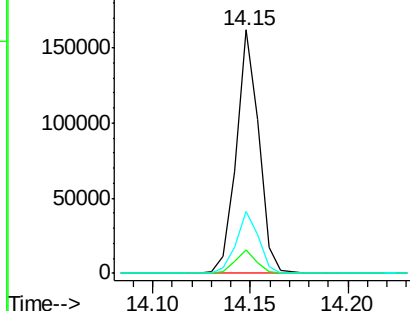
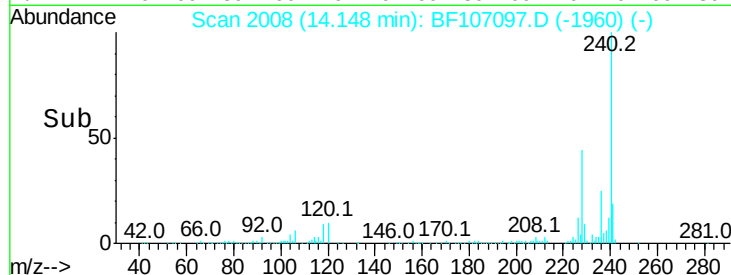
236 25.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 52.495 ng

RT: 12.84 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF107097.D

Acq: 3 Jul 2018 23:01

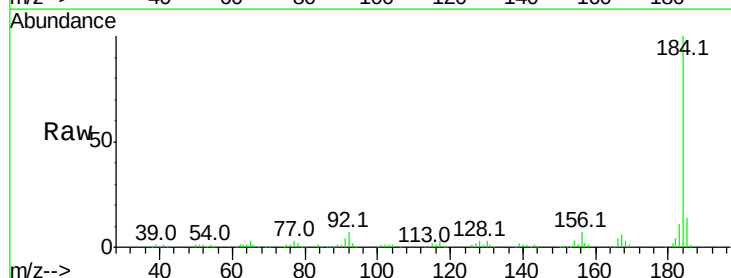
Tgt Ion:184 Resp: 192719

Ion Ratio Lower Upper

184 100

185 14.1 12.6 18.8

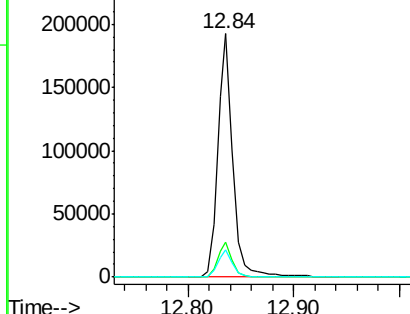
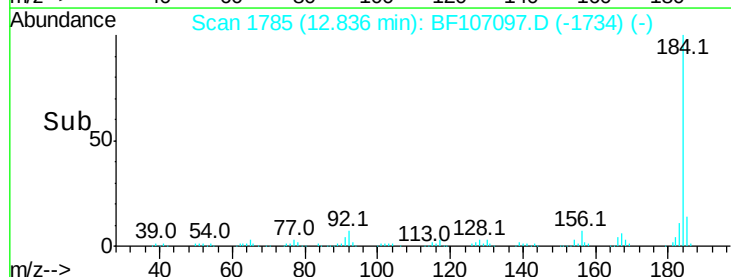
183 11.4 9.3 13.9

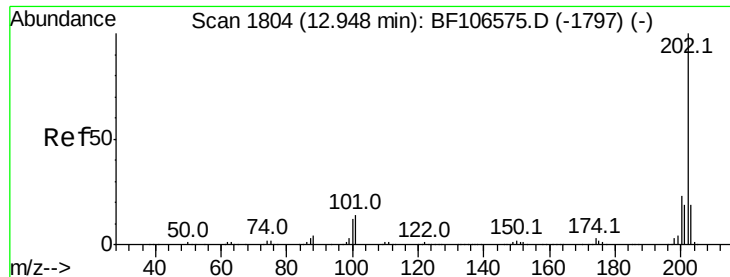


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

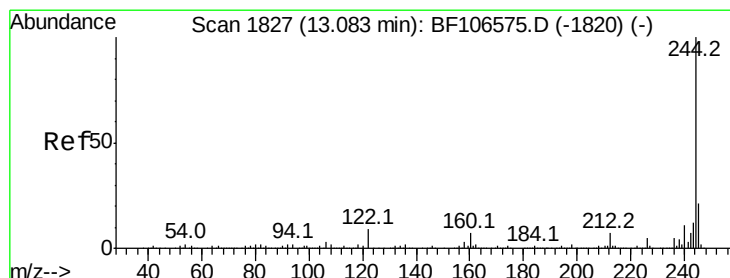
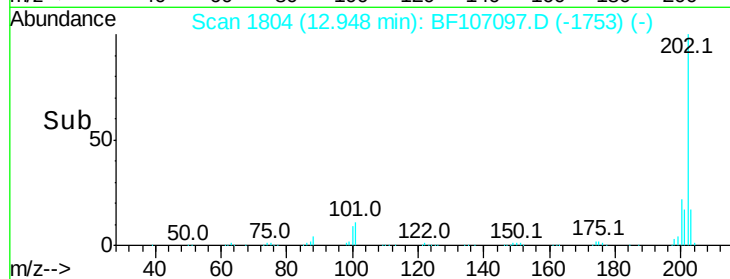
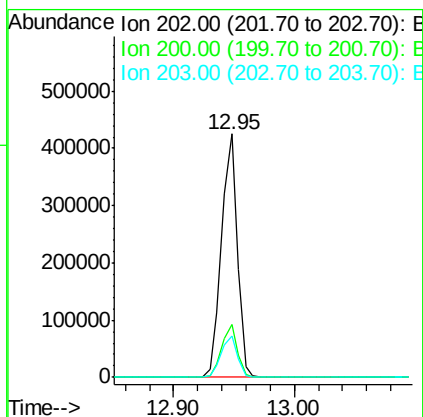
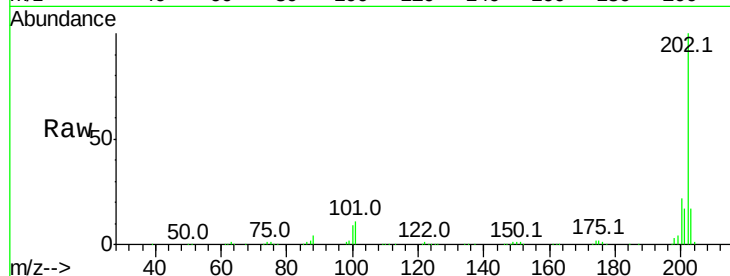




#77
Pvrene
Concen: 45.295 ng
RT: 12.95 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF107097.D
Acq: 3 Jul 2018 23:01

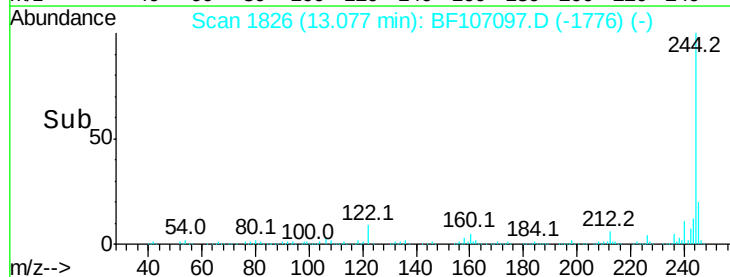
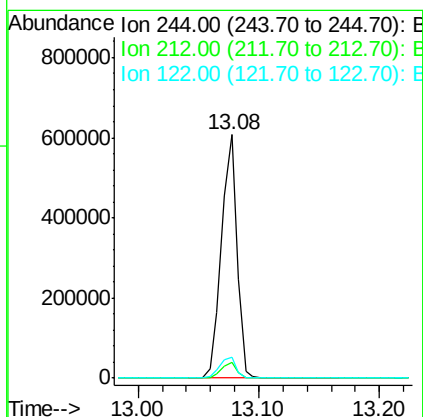
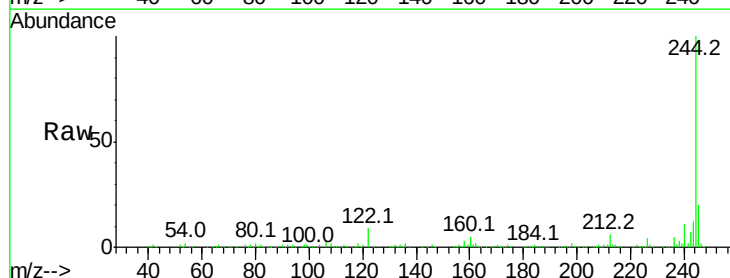
Instrument :
BNA_F
ClientSampleId :

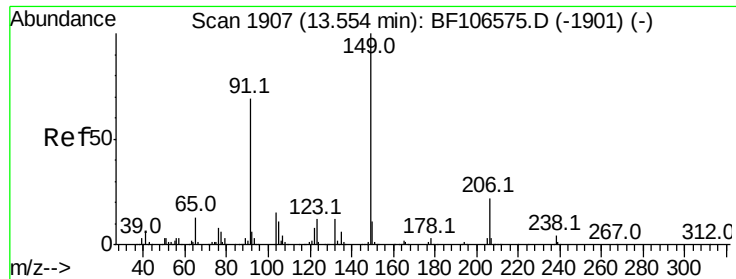
Tot Ion:202 Resp: 385028
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 17.2 14.3 21.5



#78
Terphenyl-d14
Concen: 101.013 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF107097.D
Acq: 3 Jul 2018 23:01

Tgt Ion:244 Resp: 537553
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.0
122 8.5 11.0 16.4#

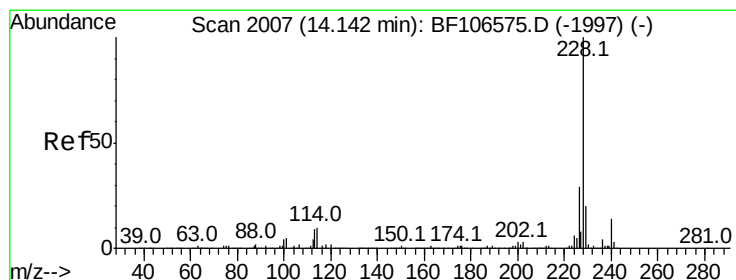
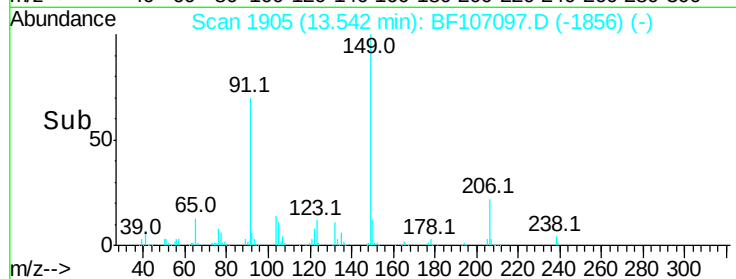
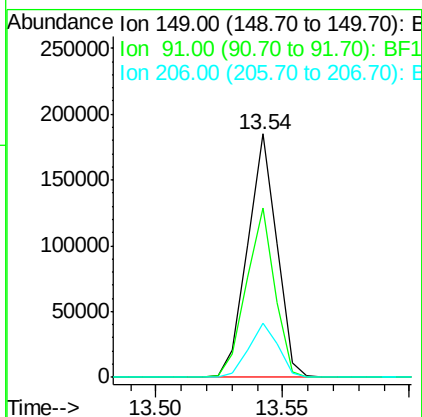
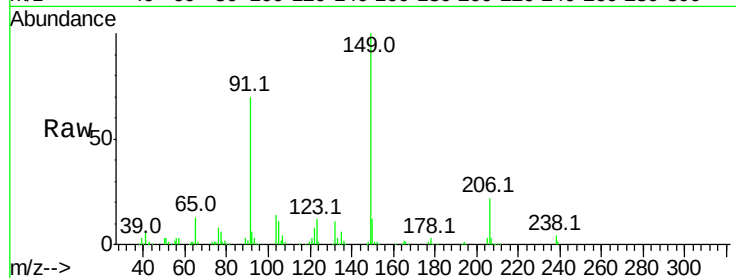




#79
Butylbenzylphthalate
Concen: 42.578 ng
RT: 13.54 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BF107097.D
Acq: 3 Jul 2018 23:01

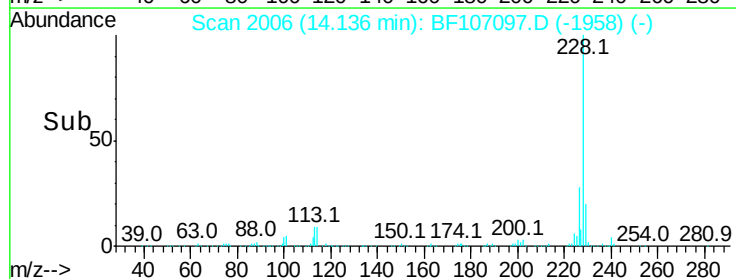
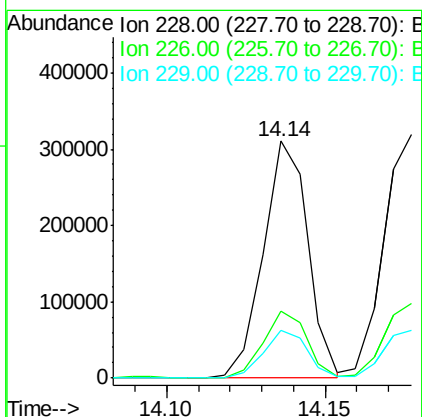
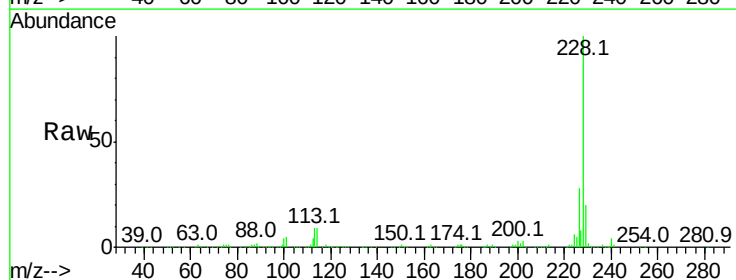
Instrument :
BNA_F
ClientSampleId :

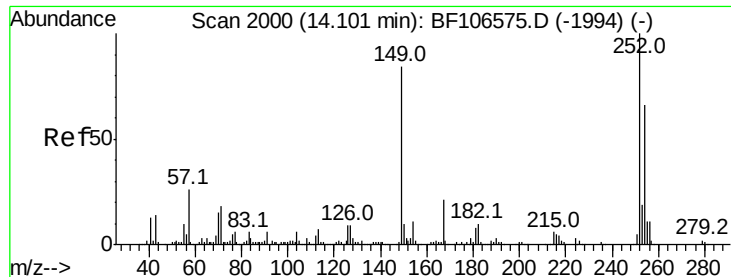
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.7	56.8	85.2
206	22.0	14.1	21.1



#80
Benzo(a)anthracene
Concen: 38.688 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF107097.D
Acq: 3 Jul 2018 23:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	20.3	15.8	23.6

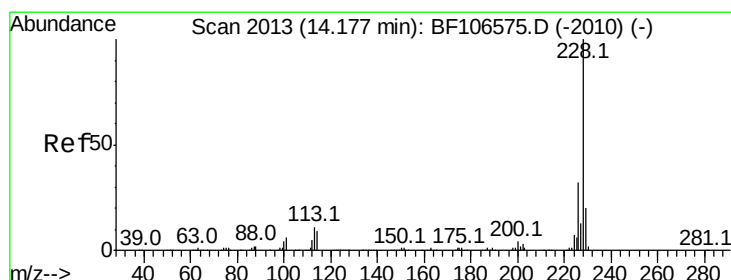
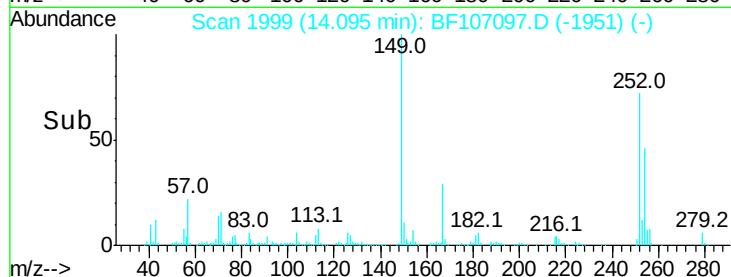
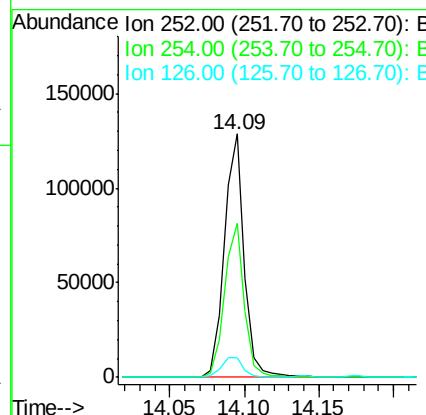
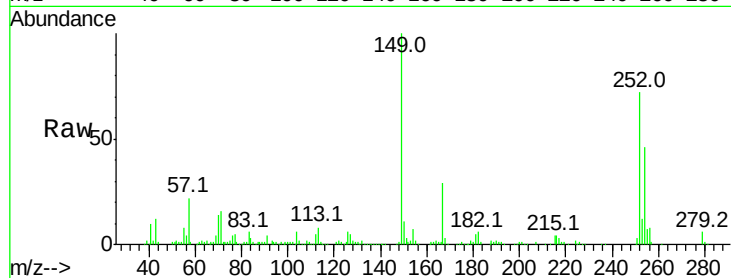




#81
 3,3'-Dichlorobenzidine
 Concen: 43.371 ng
 RT: 14.09 min Scan# 1999
 Delta R.T. -0.02 min
 Lab File: BF107097.D
 Acq: 3 Jul 2018 23:01

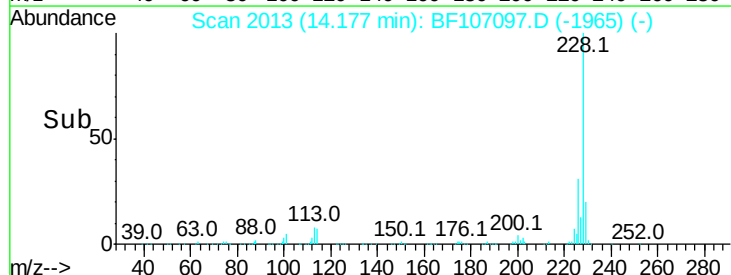
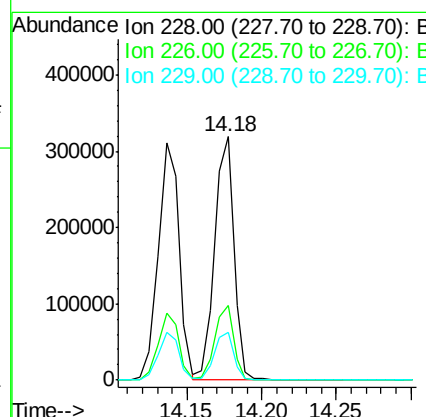
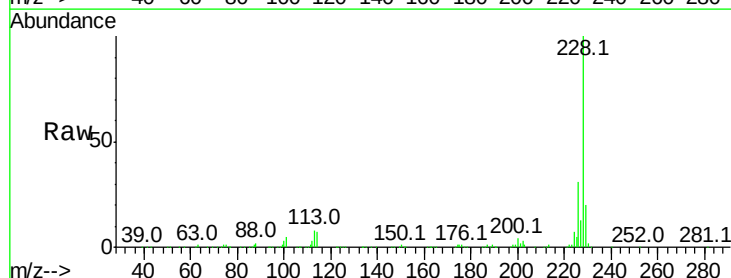
Instrument :
 BNA_F
 ClientSampleId :

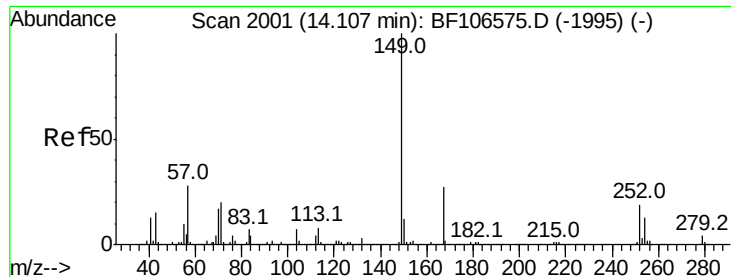
Tot Ion:252 Resp: 119757
 Ion Ratio Lower Upper
 252 100
 254 63.3 50.4 75.6
 126 8.0 11.3 16.9#



#82
 Chrysene
 Concen: 39.567 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. -0.02 min
 Lab File: BF107097.D
 Acq: 3 Jul 2018 23:01

Tgt Ion:228 Resp: 285982
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.0 37.6
 229 19.8 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.460 ng

RT: 14.09 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF107097.D

Acq: 3 Jul 2018 23:01

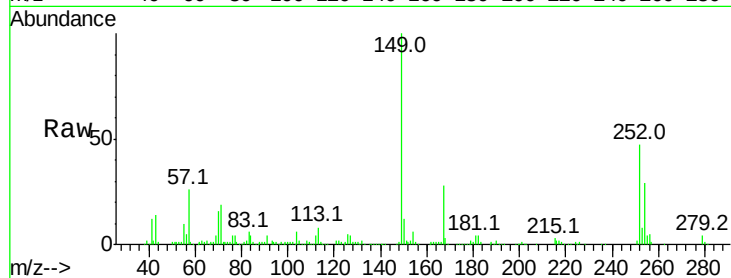
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 194187

Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.3	31.9
279	4.3	3.0	4.4

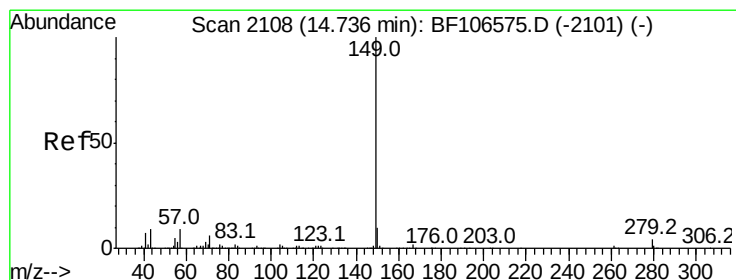
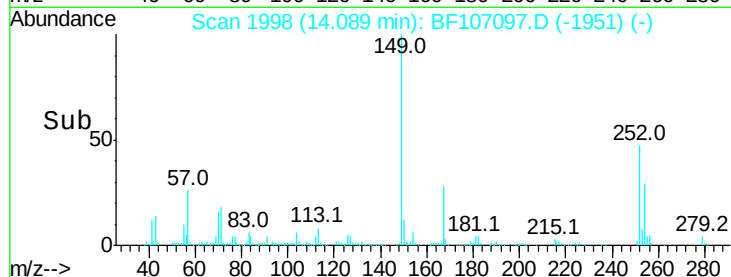
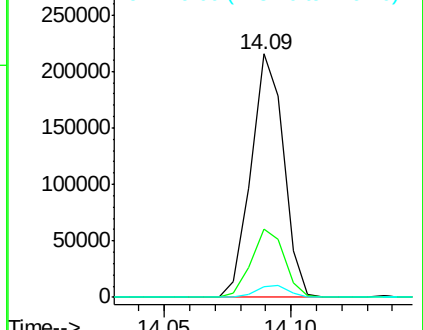


Abundance

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: 43.872 ng

RT: 14.71 min Scan# 2104

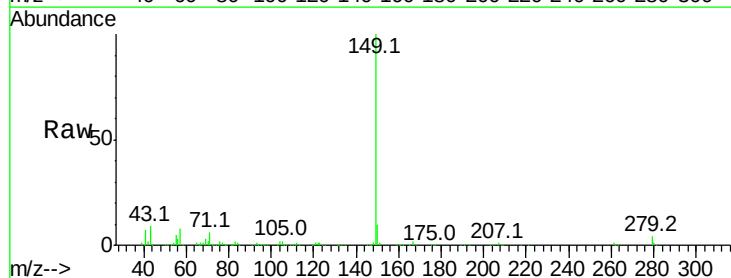
Delta R.T. -0.05 min

Lab File: BF107097.D

Acq: 3 Jul 2018 23:01

Tgt Ion:149 Resp: 319532

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	8.6	8.4	12.6

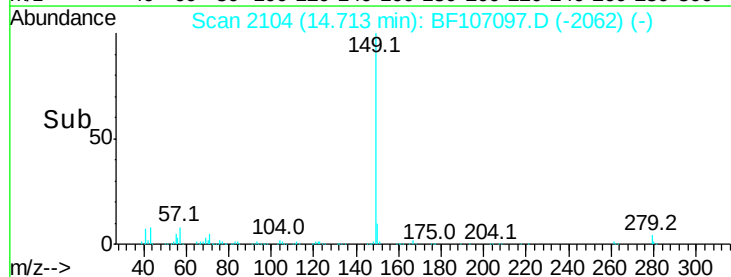
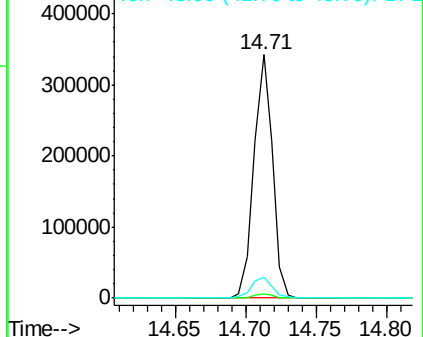


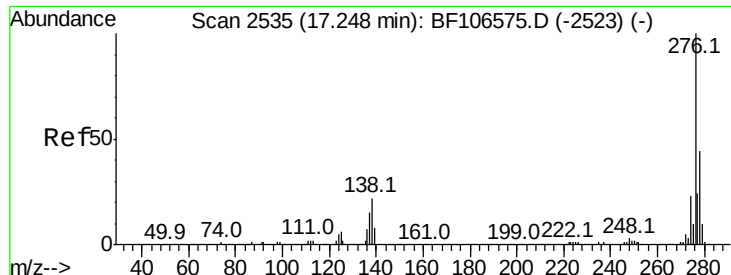
Abundance

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

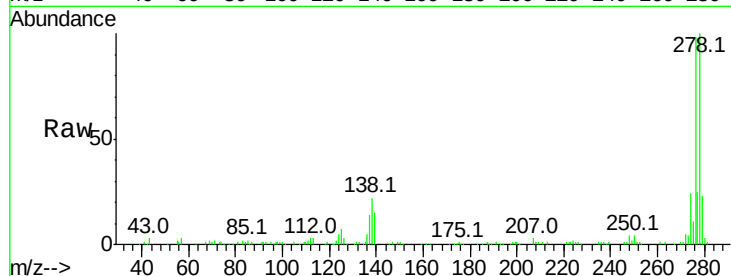




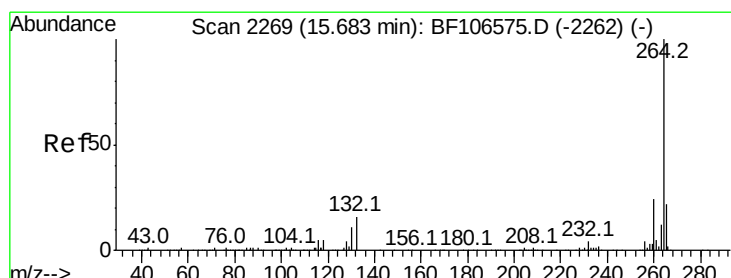
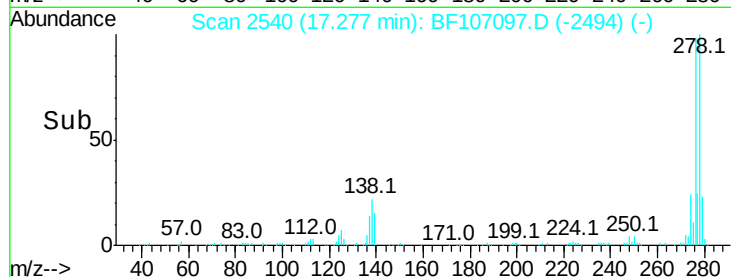
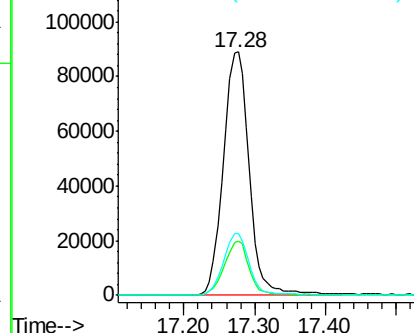
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.102 ng
 RT: 17.28 min Scan# 2540
 Delta R.T. -0.03 min
 Lab File: BF107097.D
 Acq: 3 Jul 2018 23:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.4	25.0	37.6#
277	25.3	20.1	30.1

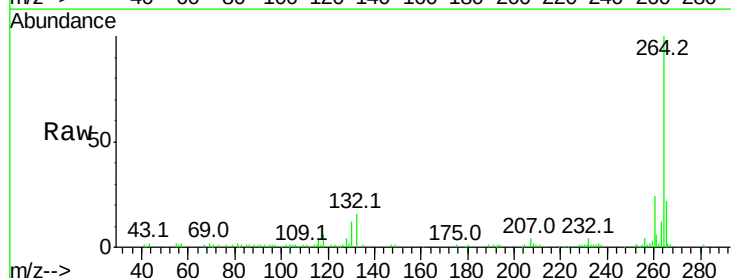


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

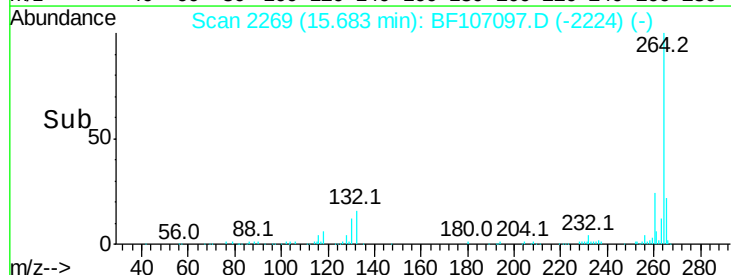
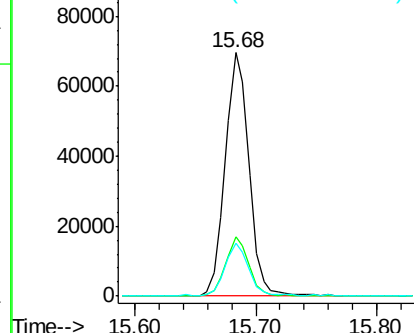


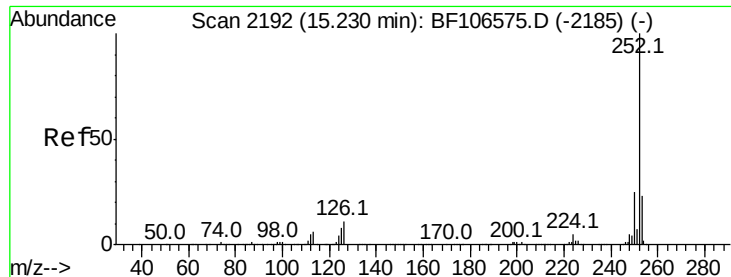
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. -0.04 min
 Lab File: BF107097.D
 Acq: 3 Jul 2018 23:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.9	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 39.739 ng

RT: 15.22 min Scan# 2191

Delta R.T. -0.04 min

Lab File: BF107097.D

Acq: 3 Jul 2018 23:01

Instrument :

BNA_F

ClientSampleId :

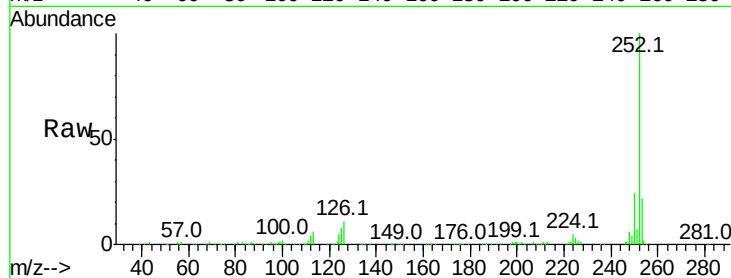
Tot Ion:252 Resp: 233257

Ion Ratio Lower Upper

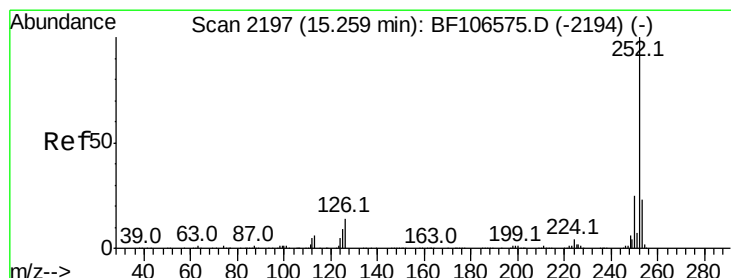
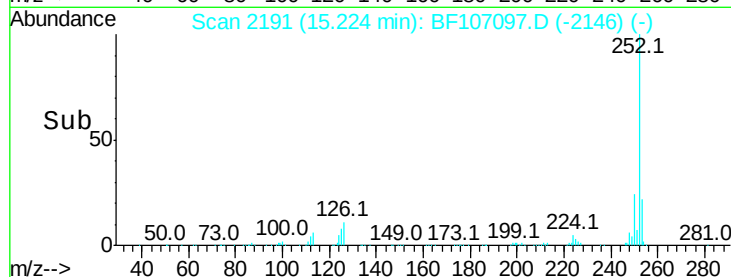
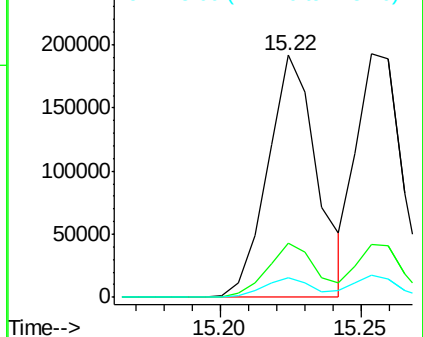
252 100

253 22.3 17.0 25.6

125 8.1 9.0 13.6#



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



#88

Benzo(k)fluoranthene

Concen: 38.863 ng

RT: 15.25 min Scan# 2196

Delta R.T. -0.04 min

Lab File: BF107097.D

Acq: 3 Jul 2018 23:01

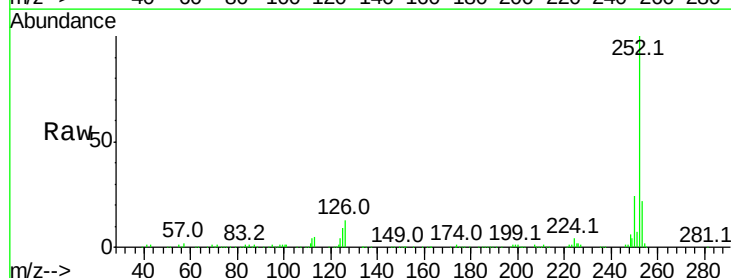
Tgt Ion:252 Resp: 217234

Ion Ratio Lower Upper

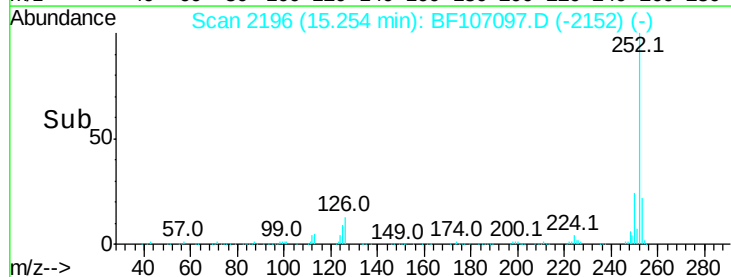
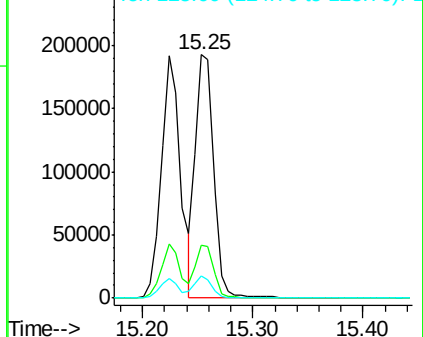
252 100

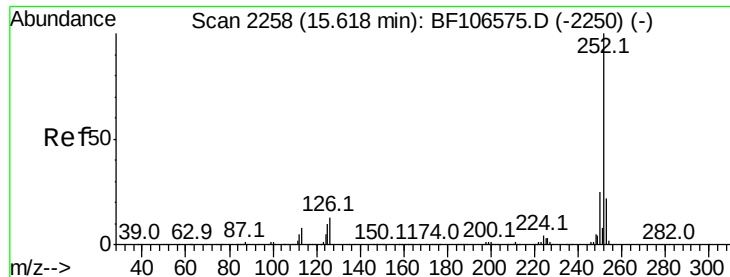
253 21.9 17.9 26.9

125 8.9 10.2 15.2#



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





#89

Benzo(a)pyrene

Concen: 39.150 ng

RT: 15.62 min Scan# 2258

Delta R.T. -0.04 min

Lab File: BF107097.D

Acq: 3 Jul 2018 23:01

Instrument :

BNA_F

ClientSampleId :

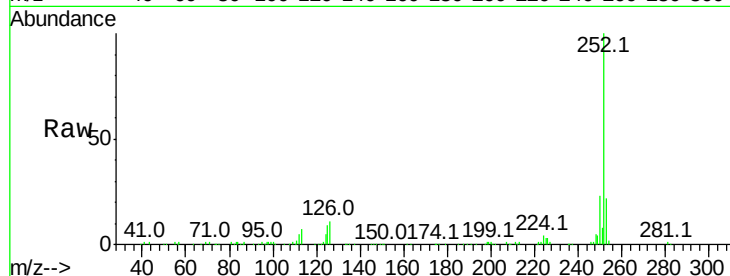
Tot Ion:252 Resp: 204290

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

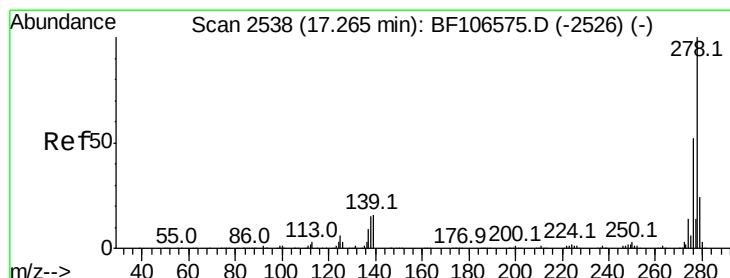
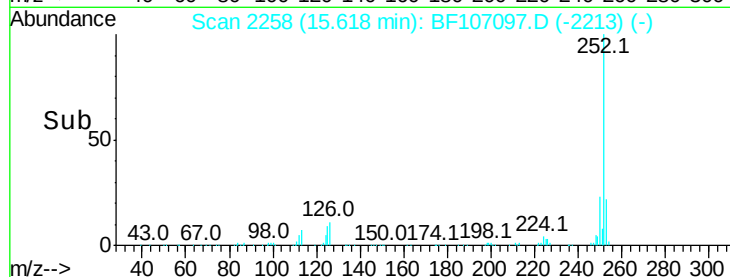
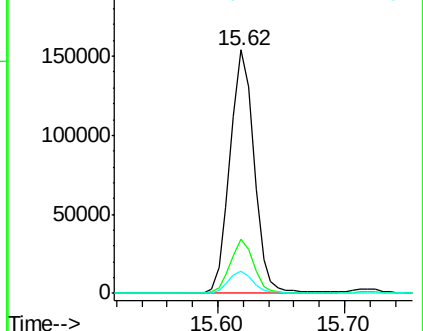
125 9.3 9.8 14.6#



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: 43.464 ng

RT: 17.28 min Scan# 2541

Delta R.T. -0.04 min

Lab File: BF107097.D

Acq: 3 Jul 2018 23:01

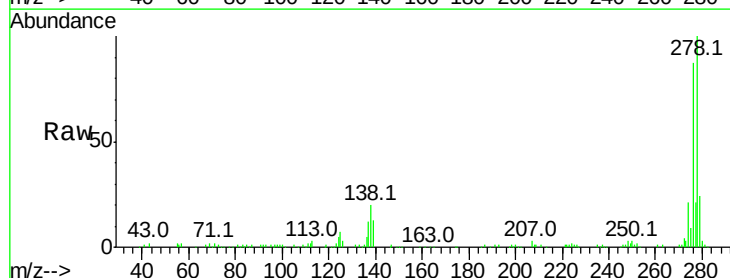
Tgt Ion:278 Resp: 192210

Ion Ratio Lower Upper

278 100

139 13.3 15.9 23.9#

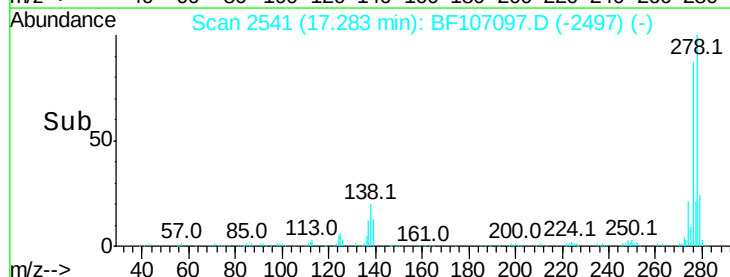
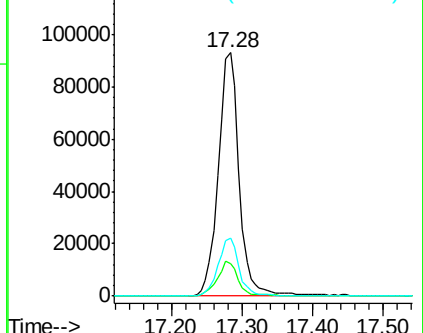
279 23.8 19.0 28.4

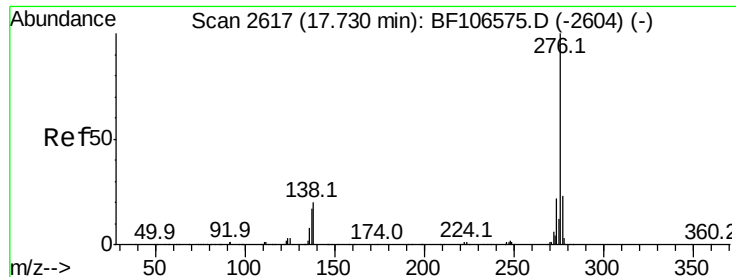


Abundance Ion 278.00 (277.70 to 278.70): E

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: 43.441 ng
 RT: 17.76 min Scan# 2622
 Delta R.T. -0.03 min
 Lab File: BF107097.D
 Acq: 3 Jul 2018 23:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	18.7	21.8	32.8

