

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
 Data File : BF106673.D
 Acq On : 21 Jun 2018 20:55
 Operator : JU/SJ
 Sample : J3584-23MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 22 03:23:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 19 14:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	71688	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	274016	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	144021	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	281509	20.00	ng	0.00
75) Chrysene-d12	14.15	240	181570	20.00	ng	0.00
86) Perylene-d12	15.68	264	202006	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	500499	118.22	ng	0.01
7) Phenol-d6	6.61	99	643738	121.76	ng	0.00
23) Nitrobenzene-d5	7.53	82	437039	88.64	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	225022	134.80	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	757901	89.93	ng	0.00
78) Terphenyl-d14	13.08	244	833967	111.26	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.87	88	70805	32.531	ng	97
3) Pyridine	3.66	79	98681	16.717	ng	97
4) n-Nitrosodimethylamine	3.60	42	92528	36.906	ng	87
6) Aniline	6.63	93	221204	30.844	ng	# 61
8) 2-Chlorophenol	6.76	128	191699	41.284	ng	96
9) Benzaldehyde	6.51	77	110943	28.519	ng	98
10) Phenol	6.62	94	241829	40.080	ng	77
11) bis(2-Chloroethyl)ether	6.70	93	199841	40.120	ng	98
12) 1,3-Dichlorobenzene	6.90	146	221944	40.810	ng	99
13) 1,4-Dichlorobenzene	6.98	146	226791	41.247	ng	99
14) 1,2-Dichlorobenzene	7.13	146	207616	41.202	ng	100
15) Benzyl Alcohol	7.11	79	170424	40.145	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	286552	43.846	ng	73
17) 2-Methylphenol	7.22	107	166654	41.939	ng	# 91
18) Hexachloroethane	7.47	117	79430	41.080	ng	# 88
19) n-Nitroso-di-n-propylamine	7.37	70	131221	37.653	ng	93
20) 3+4-Methylphenols	7.37	107	193261	45.073	ng	# 70
22) Acetophenone	7.37	105	258764	42.210	ng	# 93
24) Nitrobenzene	7.55	77	214588	42.628	ng	100
25) Isophorone	7.78	82	399855	46.021	ng	100
26) 2-Nitrophenol	7.86	139	110776	46.615	ng	99
27) 2,4-Dimethylphenol	7.90	122	179358	48.830	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	252465	43.277	ng	98
29) 2,4-Dichlorophenol	8.11	162	177757	46.225	ng	95
30) 1,2,4-Trichlorobenzene	8.18	180	198845	46.939	ng	98
31) Naphthalene	8.27	128	560602	43.759	ng	99
32) Benzoic acid	8.02	122	86554	34.259	ng	97
33) 4-Chloroaniline	8.31	127	179254	33.347	ng	98
34) Hexachlorobutadiene	8.37	225	129318	46.849	ng	99
35) Caprolactam	8.70	113	35533	28.347	ng	96
36) 4-Chloro-3-methylphenol	8.81	107	186988	46.197	ng	98
37) 2-Methylnaphthalene	8.96	142	409492	48.224	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	214544	44.234	ng	# 96
40) Hexachlorocyclopentadiene	9.11	237	197853	79.287	ng	97

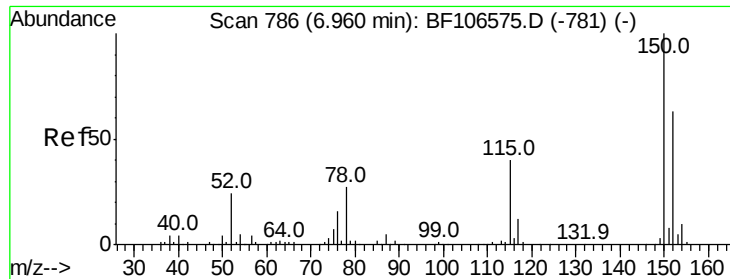
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	133375	41.369	nq	88
43) 2,4,5-Trichlorophenol	9.29	196	139488	41.463	nq #	89
45) 1,1'-Biphenyl	9.42	154	490605	42.744	nq	98
46) 2-Chloronaphthalene	9.45	162	367736	40.703	nq	97
47) 2-Nitroaniline	9.55	65	120304	39.599	nq	93
48) Acenaphthylene	9.87	152	573304	40.193	nq	99
49) Dimethylphthalate	9.72	163	516611	47.827	nq #	98
50) 2,6-Dinitrotoluene	9.79	165	103913	45.430	nq	90
51) Acenaphthene	10.04	154	348267	38.773	nq	98
52) 3-Nitroaniline	9.96	138	87958	33.418	nq	96
53) 2,4-Dinitrophenol	10.07	184	95812	80.528	nq #	19
54) Dibenzofuran	10.21	168	535676	43.553	nq	97
55) 4-Nitrophenol	10.14	139	126991	69.121	nq	94
56) 2,4-Dinitrotoluene	10.20	165	136908	45.856	nq	89
57) Fluorene	10.55	166	412923	42.308	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	126747	47.396	nq #	79
59) Diethylphthalate	10.42	149	413155	39.629	nq #	93
60) 4-Chlorophenyl-phenylether	10.54	204	216206	42.338	nq #	86
61) 4-Nitroaniline	10.58	138	103542	39.638	nq	98
62) Azobenzene	10.70	77	405669	39.514	nq	96
64) 4,6-Dinitro-2-methylphenol	10.61	198	76699	44.076	nq #	73
65) n-Nitrosodiphenylamine	10.67	169	365648	38.617	nq	99
66) 4-Bromophenyl-phenylether	11.04	248	152577	45.414	nq #	78
67) Hexachlorobenzene	11.10	284	157926	44.912	nq #	86
68) Atrazine	11.19	200	137324	45.621	nq	95
69) Pentachlorophenol	11.30	266	126984	72.375	nq	98
70) Phenanthrene	11.52	178	600063	44.195	nq	98
71) Anthracene	11.58	178	614457	44.337	nq	100
72) Carbazole	11.73	167	533646	41.128	nq	98
73) Di-n-butylphthalate	12.04	149	626957	41.015	nq	100
74) Fluoranthene	12.71	202	606992	40.560	nq	97
76) Benzidine	12.83	184	17004	3.288	nq	99
77) Pyrene	12.94	202	587881	49.099	nq	100
79) Butylbenzylphthalate	13.55	149	222461	45.190	nq #	94
80) Benzo(a)anthracene	14.14	228	486998	44.008	nq	99
81) 3,3'-Dichlorobenzidine	14.09	252	142842	36.727	nq #	95
82) Chrysene	14.17	228	455803	44.771	nq	100
83) Bis(2-ethylhexyl)phthalate	14.10	149	283398	45.029	nq #	97
84) Di-n-octyl phthalate	14.73	149	441743	43.059	nq	97
85) Indeno(1,2,3-cd)pyrene	17.25	276	618566	71.596	nq #	90
87) Benzo(b)fluoranthene	15.22	252	529420	42.190	nq #	95
88) Benzo(k)fluoranthene	15.26	252	450817	37.726	nq #	95
89) Benzo(a)pyrene	15.62	252	508716	45.603	nq #	96
90) Dibenzo(a,h)anthracene	17.27	278	507763	53.709	nq #	93
91) Benzo(g,h,i)perylene	17.74	276	523786	56.683	nq #	90

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

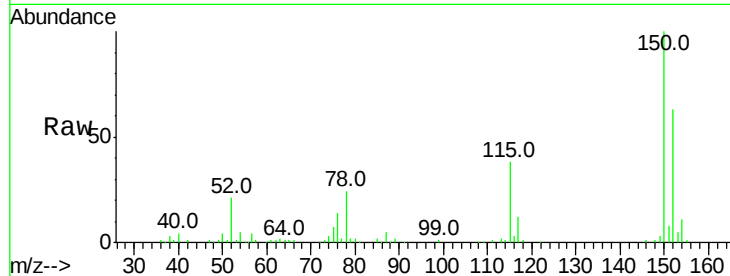


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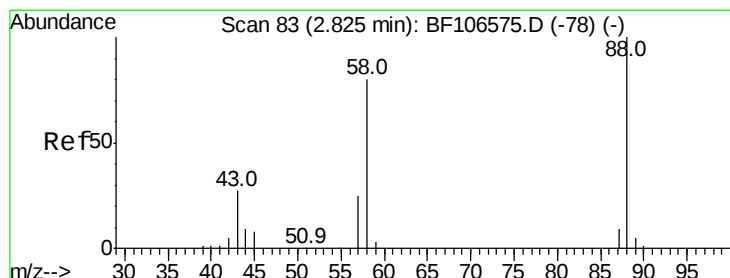
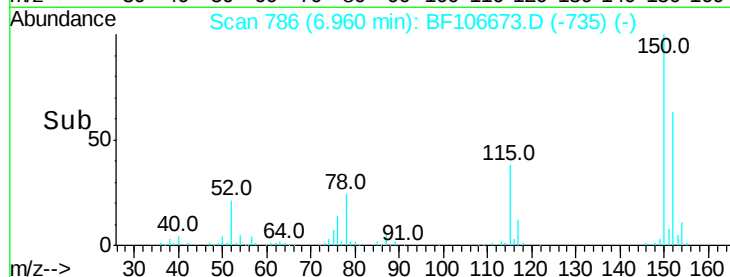
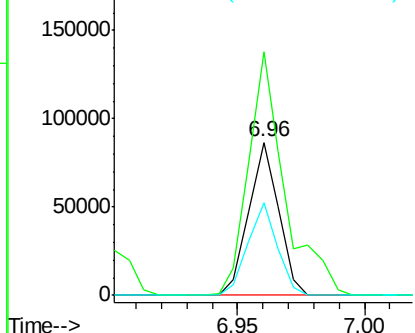
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106673.D
Acq: 21 Jun 2018 20:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 71688
Ion Ratio Lower Upper
152 100
150 159.2 124.6 186.8
115 60.6 50.1 75.1



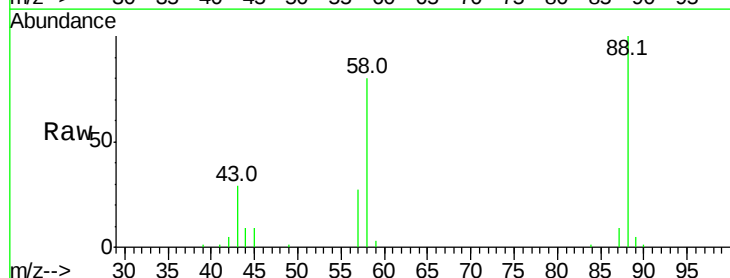
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



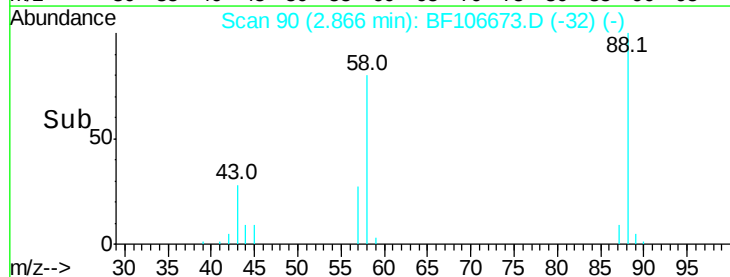
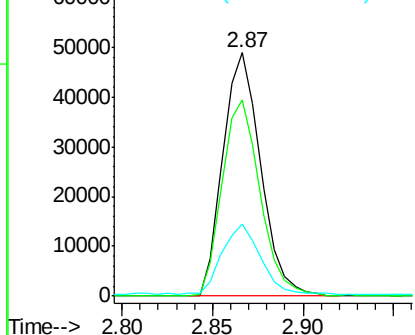
#2

1,4-Dioxane
Concen: 32.531 ng
RT: 2.87 min Scan# 90
Delta R.T. 0.04 min
Lab File: BF106673.D
Acq: 21 Jun 2018 20:55

Tgt Ion: 88 Resp: 70805
Ion Ratio Lower Upper
88 100
58 81.2 62.6 93.8
43 29.0 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

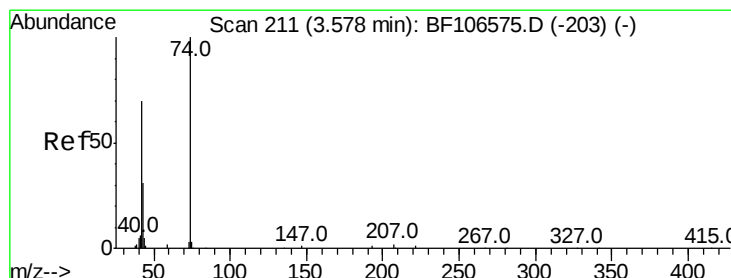
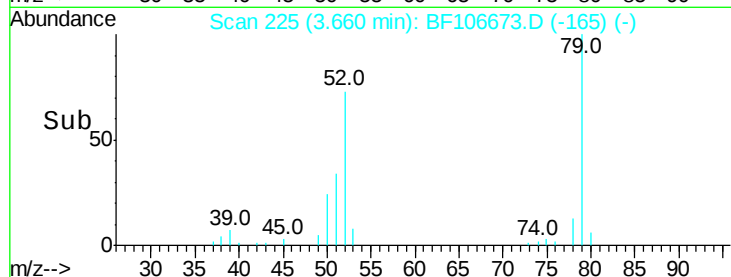
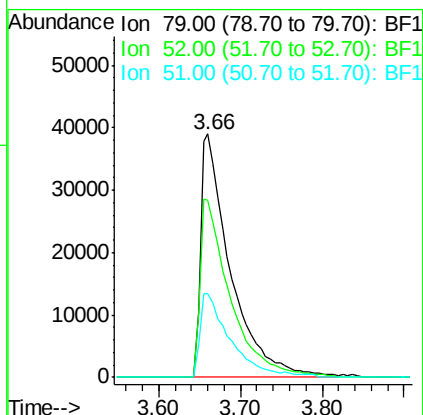
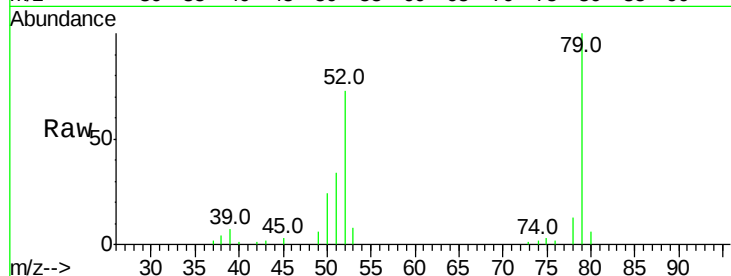




#3
 Pvridine
 Concen: 16.717 ng
 RT: 3.66 min Scan# 225
 Delta R.T. 0.05 min
 Lab File: BF106673.D
 Acq: 21 Jun 2018 20:55

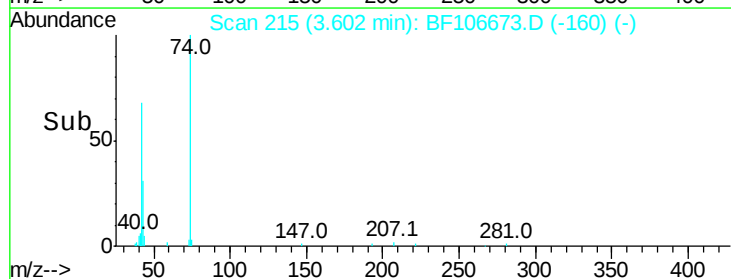
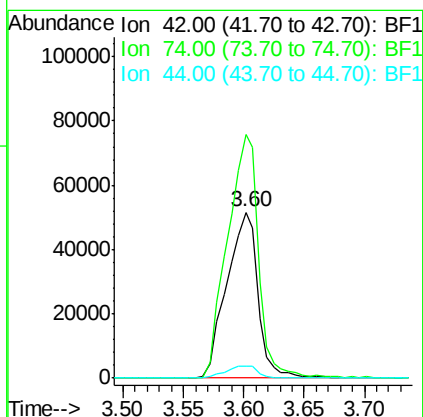
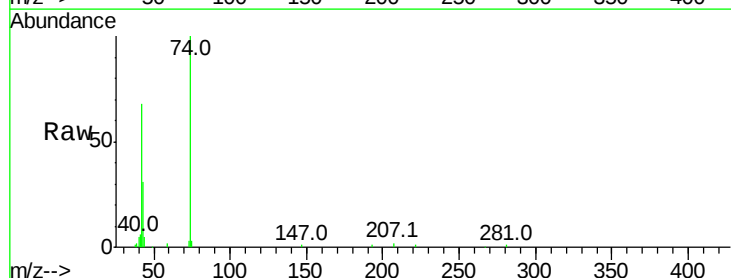
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 98681
 Ion Ratio Lower Upper
 79 100
 52 72.7 59.8 89.6
 51 34.5 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 36.906 ng
 RT: 3.60 min Scan# 215
 Delta R.T. 0.02 min
 Lab File: BF106673.D
 Acq: 21 Jun 2018 20:55

Tgt Ion: 42 Resp: 92528
 Ion Ratio Lower Upper
 42 100
 74 146.8 104.9 157.3
 44 7.4 6.9 10.3





#5

2-Fluorophenol

Concen: 118.221 ng

RT: 5.61 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF106673.D

Acq: 21 Jun 2018 20:55

Instrument :

BNA_F

ClientSampled :

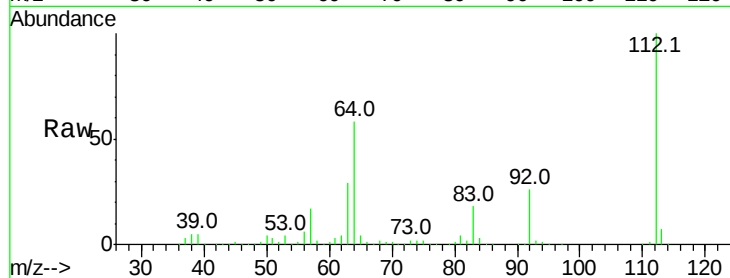
Tot Ion:112 Resp: 500499

Ion Ratio Lower Upper

112 100

64 58.3 47.9 71.9

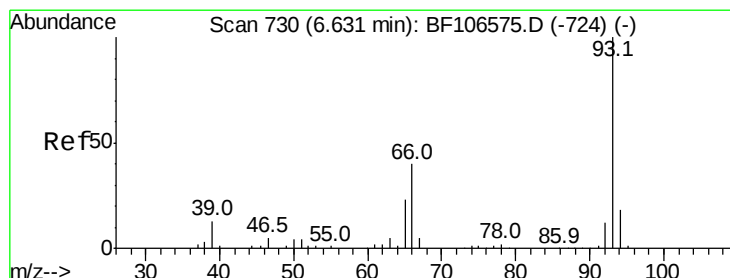
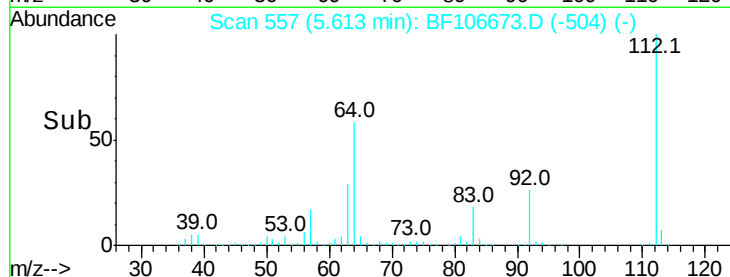
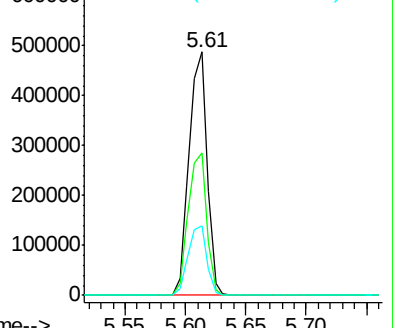
63 28.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 30.844 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF106673.D

Acq: 21 Jun 2018 20:55

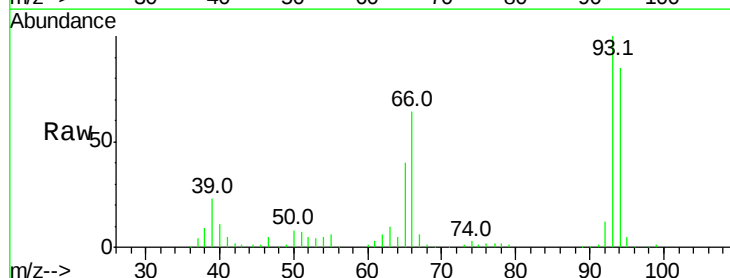
Tgt Ion: 93 Resp: 221204

Ion Ratio Lower Upper

93 100

66 63.6 32.2 48.2#

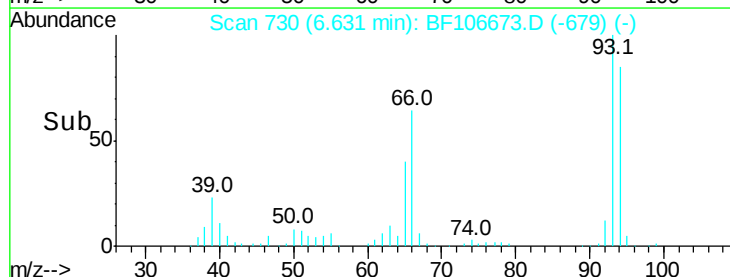
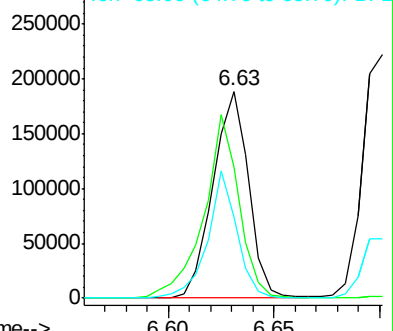
65 39.5 16.4 24.6#



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: 121.760 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF106673.D

Acq: 21 Jun 2018 20:55

Instrument :

BNA_F

ClientSampleId :

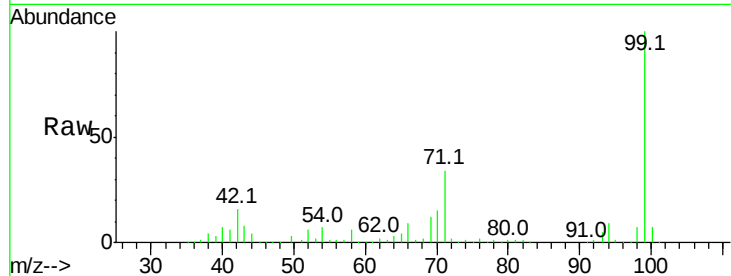
Tot Ion: 99 Resp: 643738

Ion Ratio Lower Upper

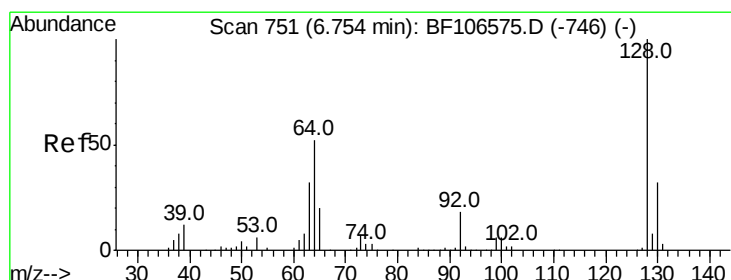
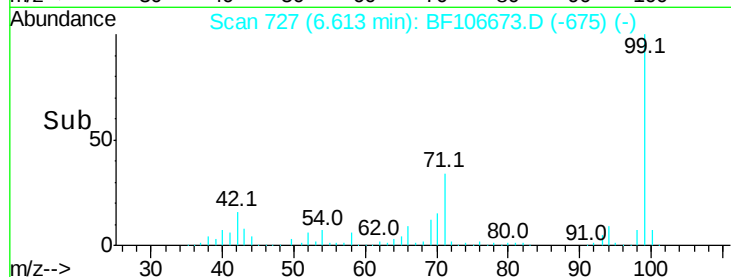
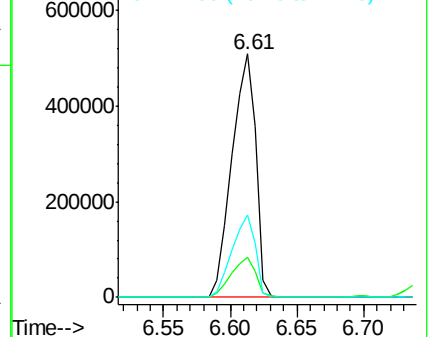
99 100

42 16.3 14.5 21.7

71 34.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.284 ng

RT: 6.76 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF106673.D

Acq: 21 Jun 2018 20:55

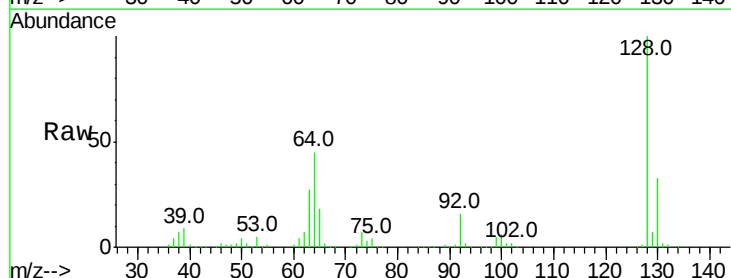
Tgt Ion:128 Resp: 191699

Ion Ratio Lower Upper

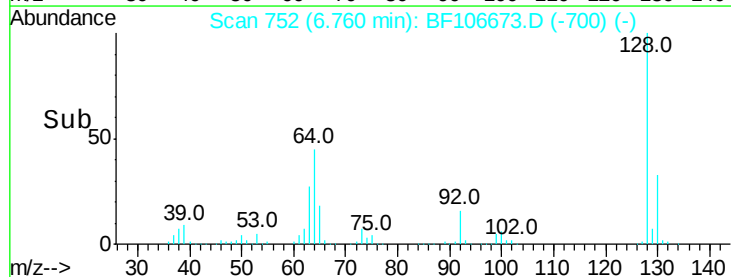
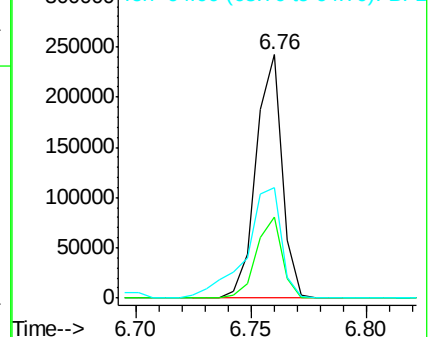
128 100

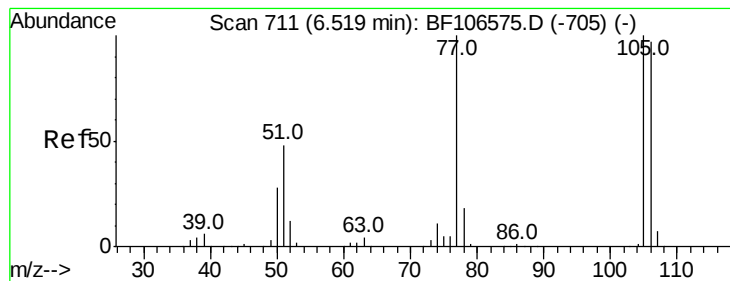
130 33.1 13.0 53.0

64 45.3 29.4 69.4



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





#9

Benzaldehyde

Concen: 28.519 ng

RT: 6.51 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF106673.D

Acq: 21 Jun 2018 20:55

Instrument :

BNA_F

ClientSampleId :

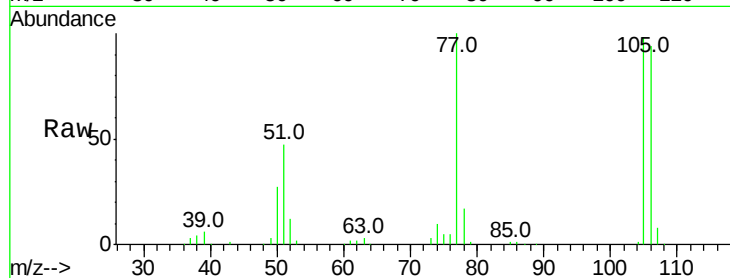
Tot Ion: 77 Resp: 110943

Ion Ratio Lower Upper

77 100

105 97.7 81.1 121.1

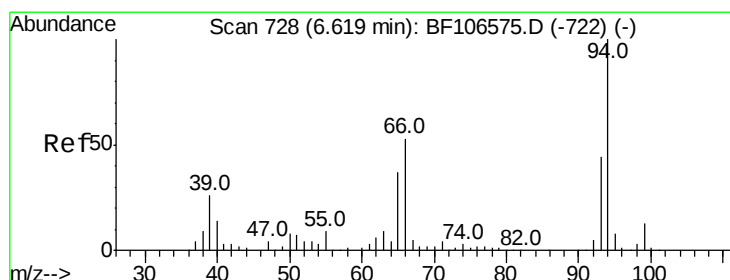
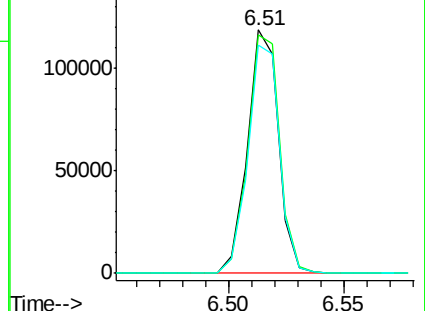
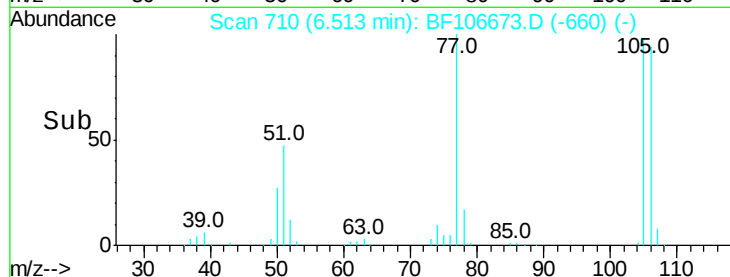
106 93.7 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.080 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF106673.D

Acq: 21 Jun 2018 20:55

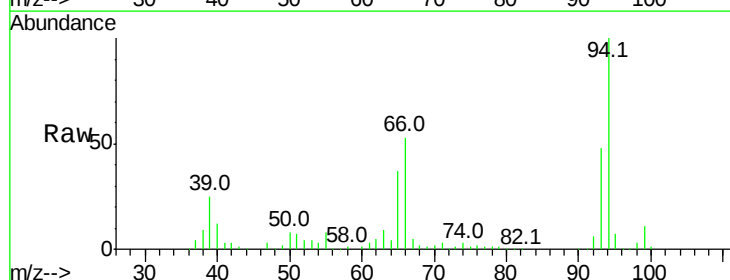
Tgt Ion: 94 Resp: 241829

Ion Ratio Lower Upper

94 100

65 36.6 7.9 47.9

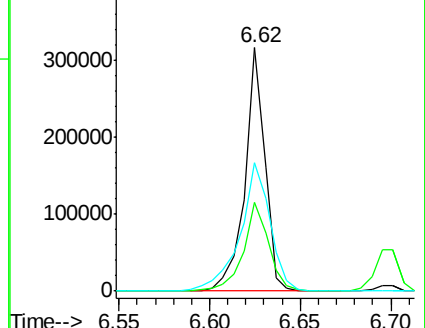
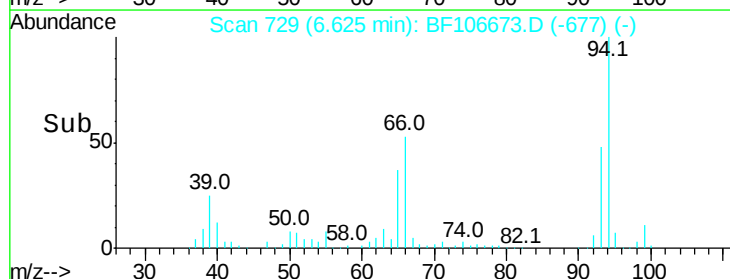
66 52.8 16.2 56.2

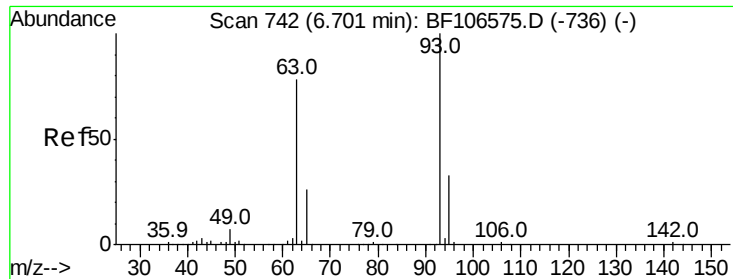


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

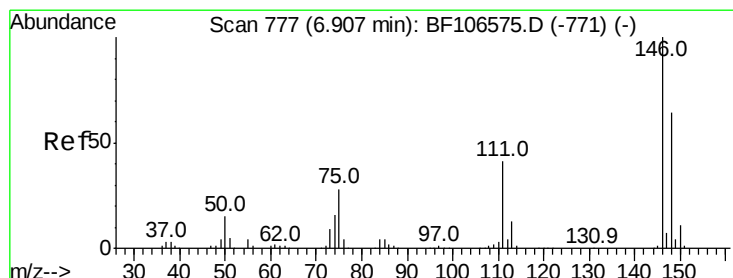
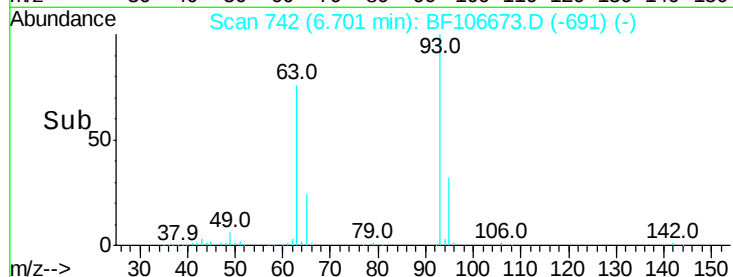
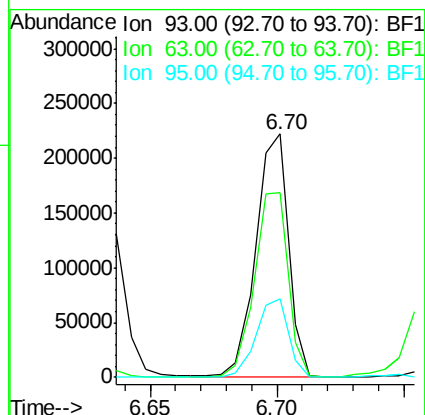
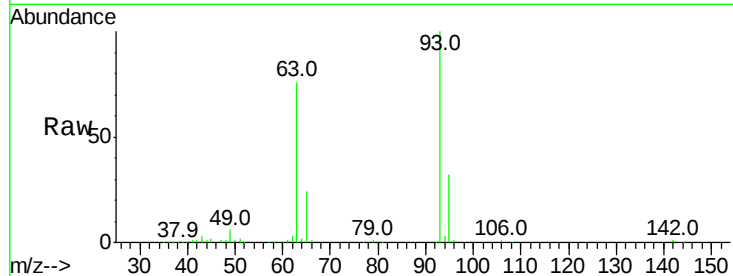




#11
bis(2-Chloroethyl)ether
Concen: 40.120 ng
RT: 6.70 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF106673.D
Acq: 21 Jun 2018 20:55

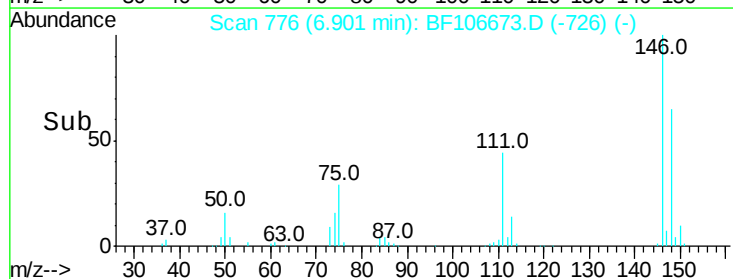
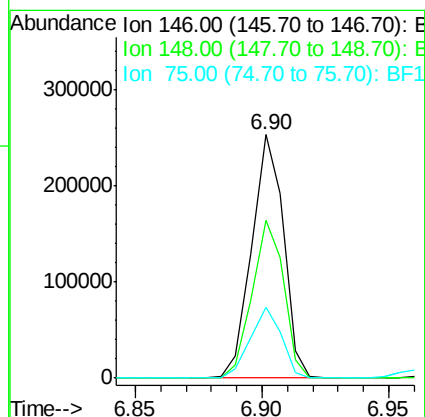
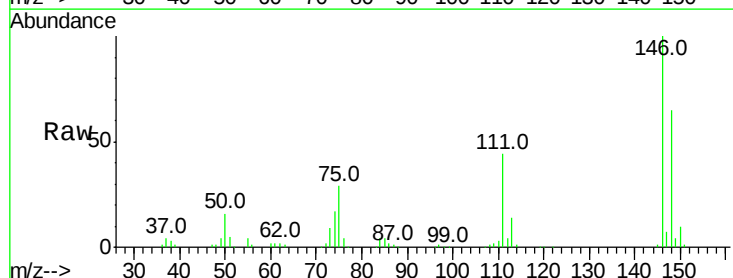
Instrument :
BNA_F
ClientSampled :

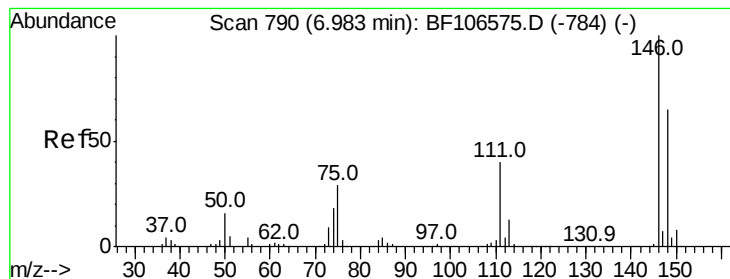
Tot Ion: 93 Resp: 199841
Ion Ratio Lower Upper
93 100
63 75.8 58.6 98.6
95 32.2 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 40.810 ng
RT: 6.90 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF106673.D
Acq: 21 Jun 2018 20:55

Tgt Ion: 146 Resp: 221944
Ion Ratio Lower Upper
146 100
148 64.8 51.8 77.8
75 29.3 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 41.247 ng

RT: 6.98 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF106673.D

Acq: 21 Jun 2018 20:55

Instrument :

BNA_F

ClientSampleId :

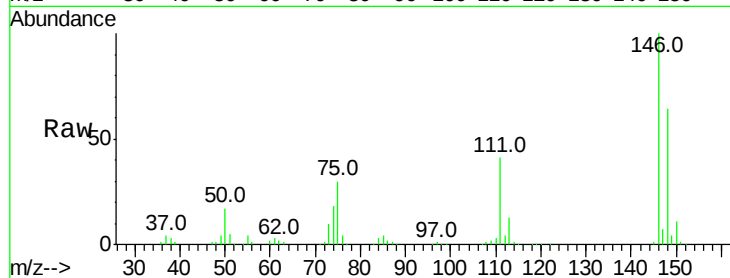
Tot Ion:146 Resp: 226791

Ion Ratio Lower Upper

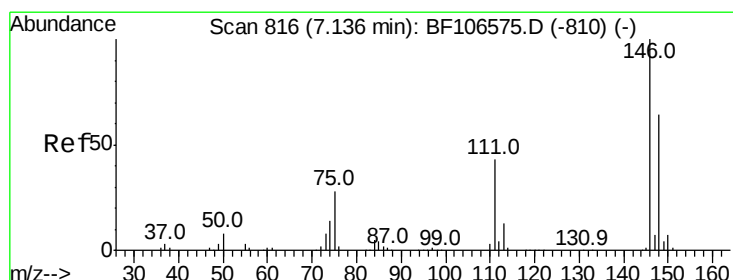
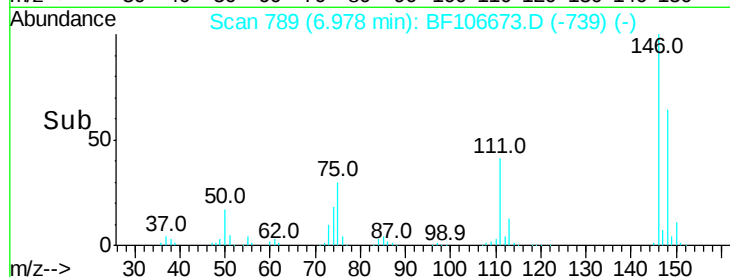
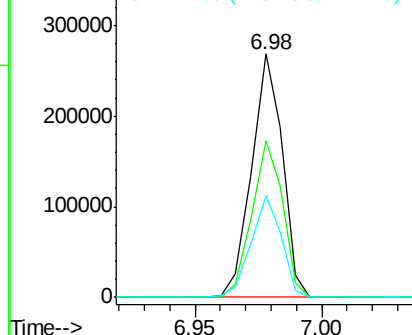
146 100

148 64.2 50.8 76.2

111 41.5 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.202 ng

RT: 7.13 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF106673.D

Acq: 21 Jun 2018 20:55

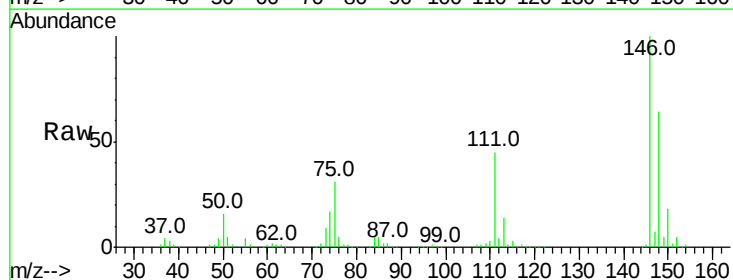
Tgt Ion:146 Resp: 207616

Ion Ratio Lower Upper

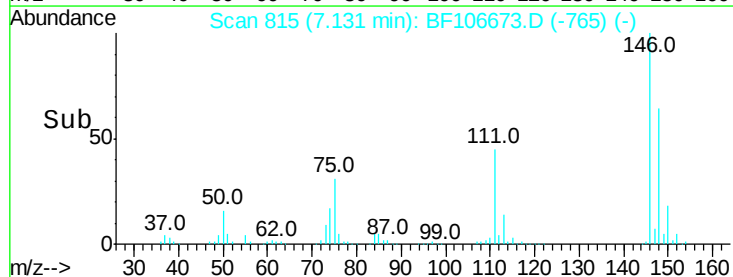
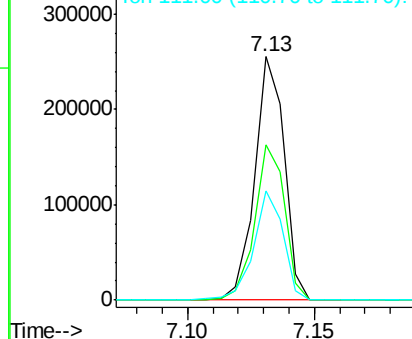
146 100

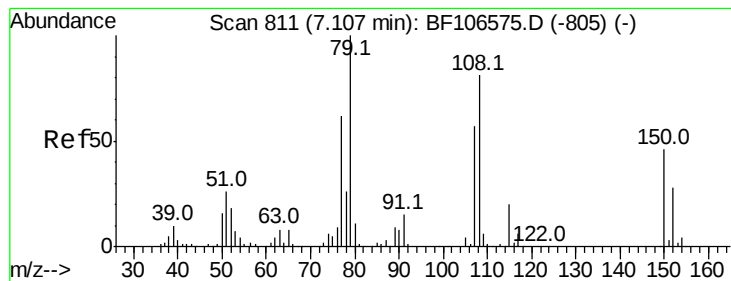
148 63.6 50.6 75.8

111 45.0 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.145 ng

RT: 7.11 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF106673.D

Acq: 21 Jun 2018 20:55

Instrument :

BNA_F

ClientSampled :

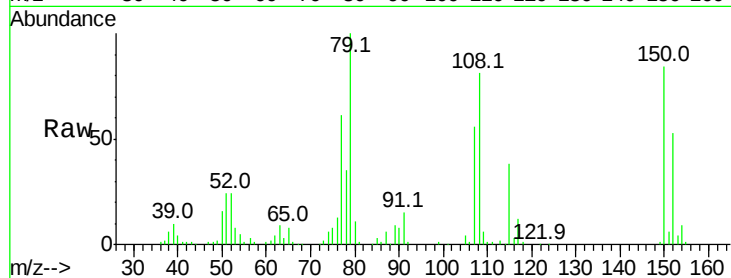
Tot Ion: 79 Resp: 170424

Ion Ratio Lower Upper

79 100

108 81.3 65.1 97.7

77 61.0 50.6 75.8

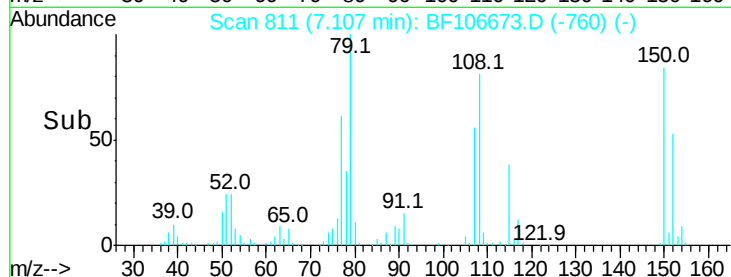


Abundance Ion 79.00 (78.70 to 79.70): BF1

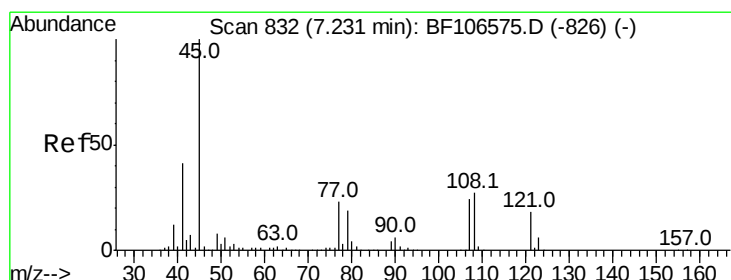
Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Time-->



Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.846 ng

RT: 7.23 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF106673.D

Acq: 21 Jun 2018 20:55

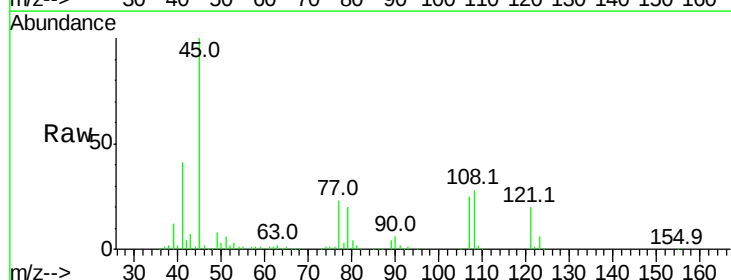
Tgt Ion: 45 Resp: 286552

Ion Ratio Lower Upper

45 100

77 23.1 0.0 32.9

79 19.8 0.0 29.6

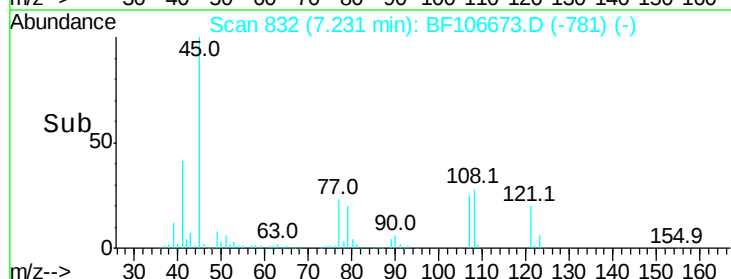


Abundance Ion 45.00 (44.70 to 45.70): BF1

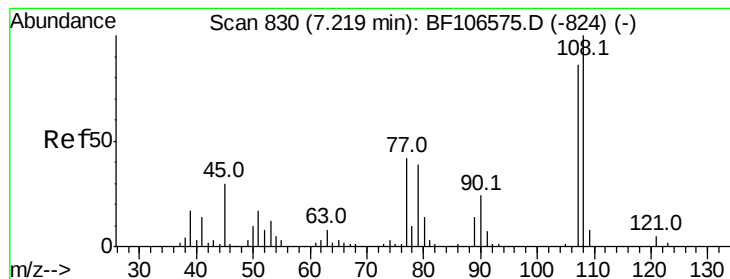
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

Time-->



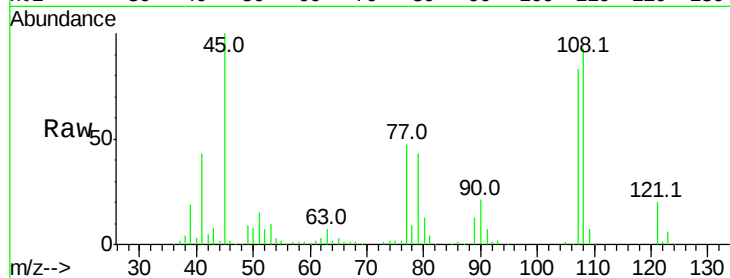
Time-->



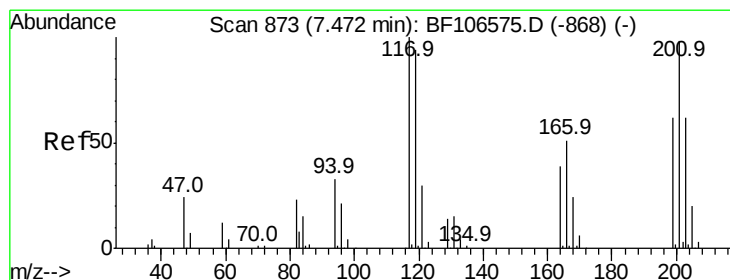
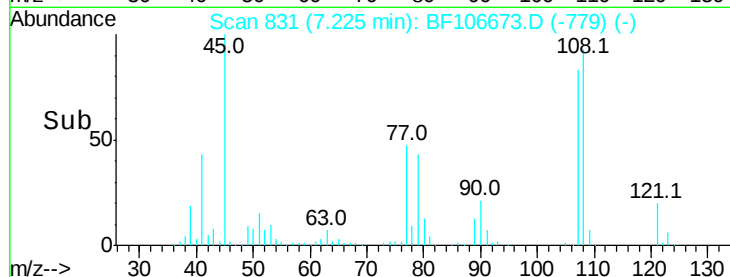
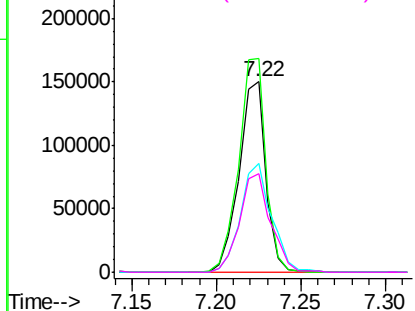
#17
2-Methylphenol
Concen: 41.939 ng
RT: 7.22 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF106673.D
Acq: 21 Jun 2018 20:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 166654
Ion Ratio Lower Upper
107 100
108 112.1 91.7 137.5
77 57.1 33.8 50.8#
79 51.7 33.8 50.8#

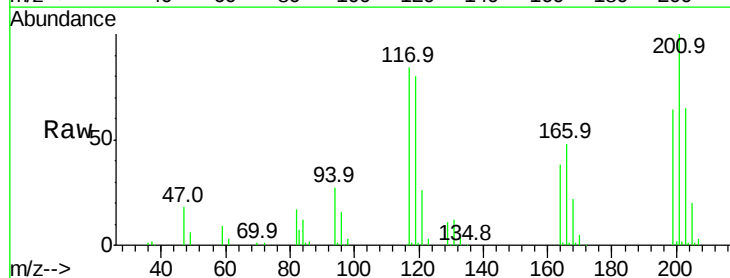


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

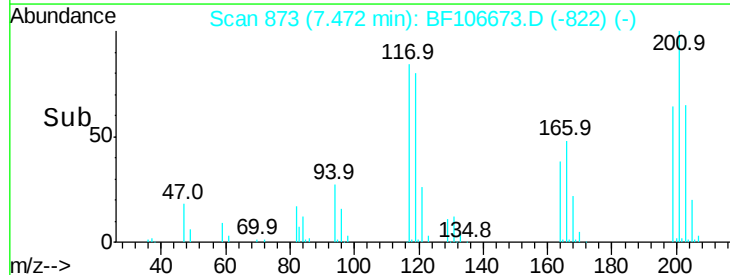
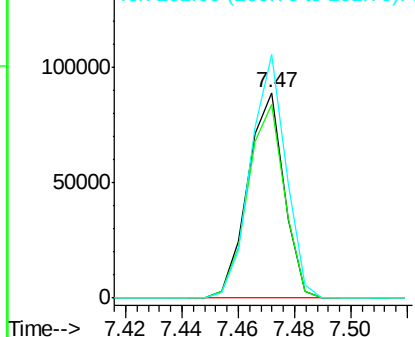


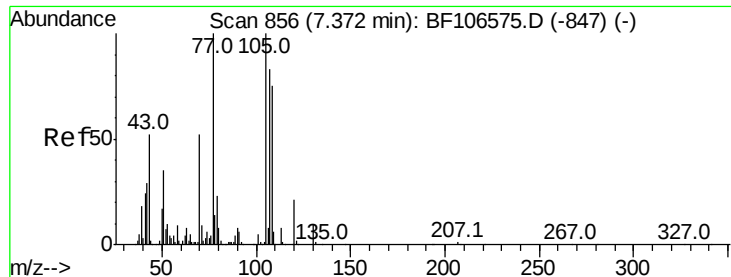
#18
Hexachloroethane
Concen: 41.080 ng
RT: 7.47 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF106673.D
Acq: 21 Jun 2018 20:55

Tgt Ion:117 Resp: 79430
Ion Ratio Lower Upper
117 100
119 94.5 75.8 113.8
201 118.5 75.7 113.5#



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

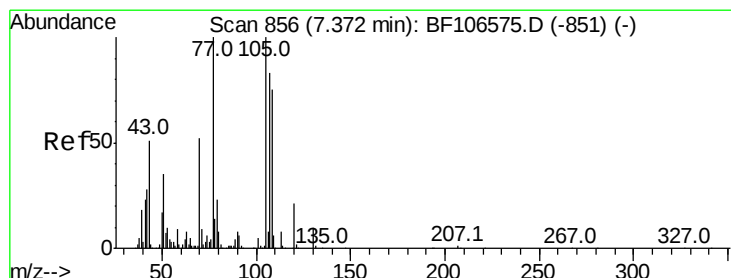
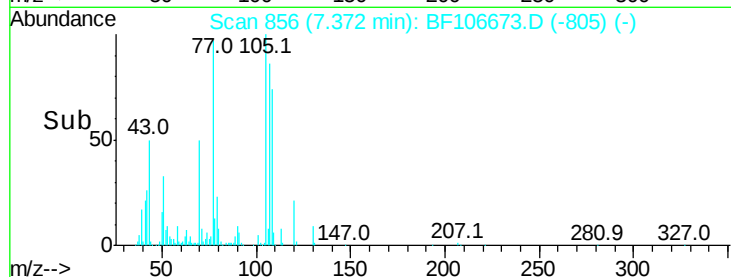
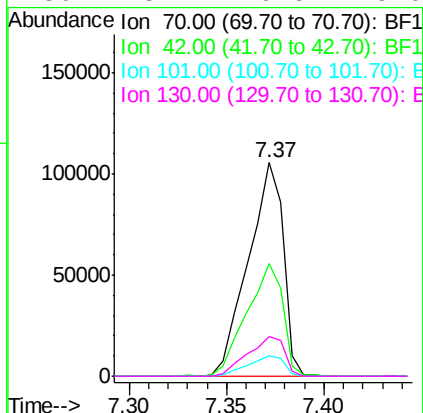
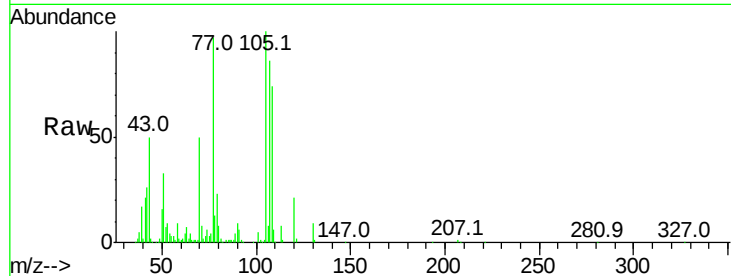




#19
n-Nitroso-di-n-propylamine
Concen: 37.653 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF106673.D
Acq: 21 Jun 2018 20:55

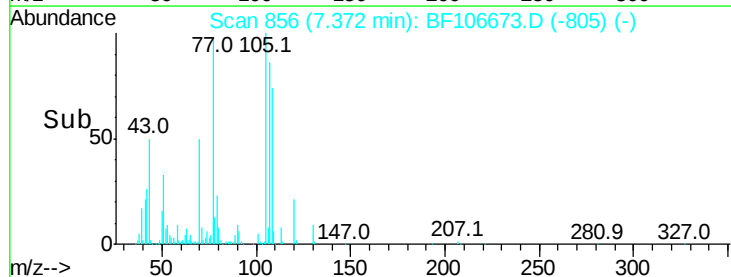
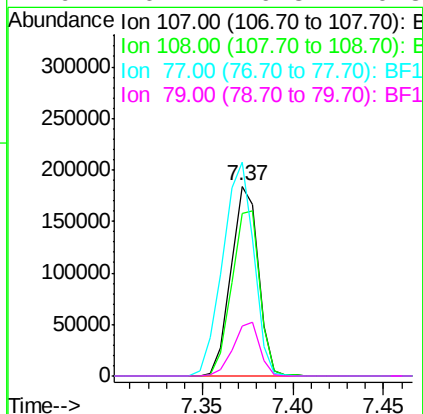
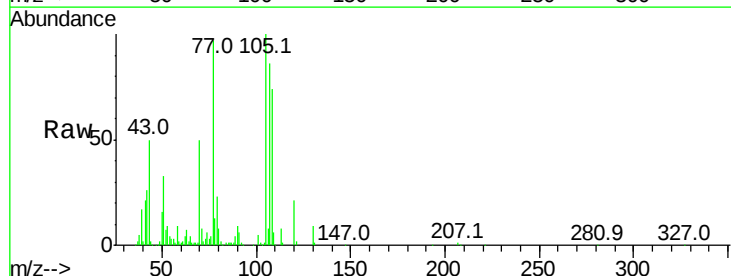
Instrument :
BNA_F
ClientSampleId :

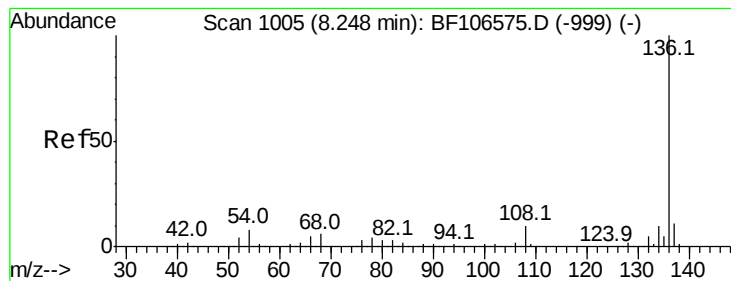
Tot Ion	Ratio	Lower	Upper
70	100		
42	52.9	47.5	71.3
101	9.4	7.4	11.2
130	18.7	16.6	25.0



#20
3+4-Methylphenols
Concen: 45.073 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF106673.D
Acq: 21 Jun 2018 20:55

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.8	68.2	108.2
77	112.7	26.7	66.7#
79	26.4	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: BF106673.D

Acq: 21 Jun 2018 20:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 274016

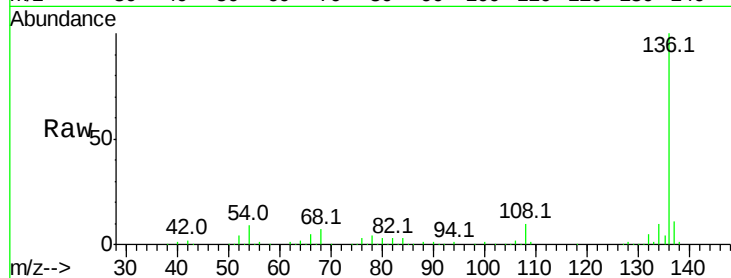
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.0 6.6 9.8

68 7.0 5.0 7.4

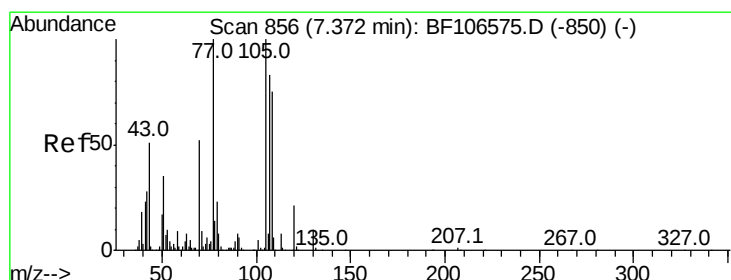
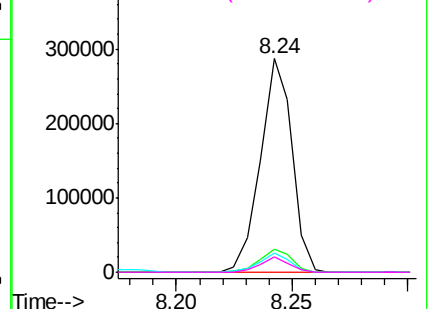
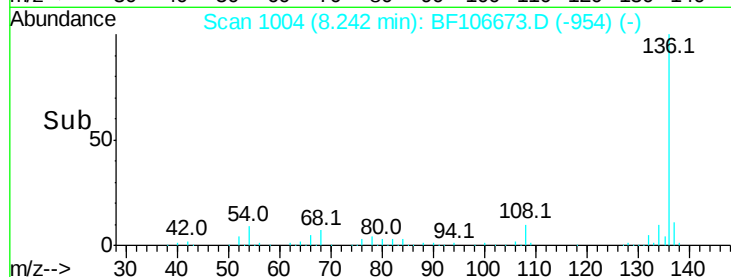


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.210 ng

RT: 7.37 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF106673.D

Acq: 21 Jun 2018 20:55

Tgt Ion:105 Resp: 258764

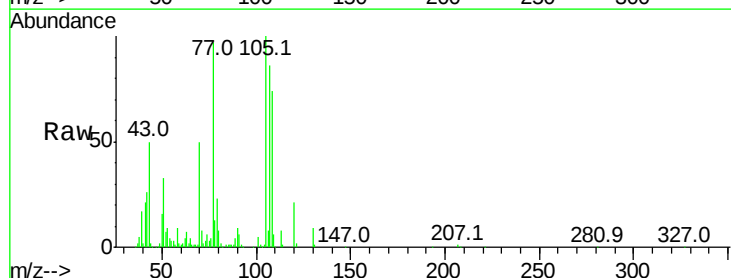
Ion Ratio Lower Upper

105 100

71 8.4 4.4 6.6#

51 33.5 22.3 33.5

120 21.4 16.9 25.3

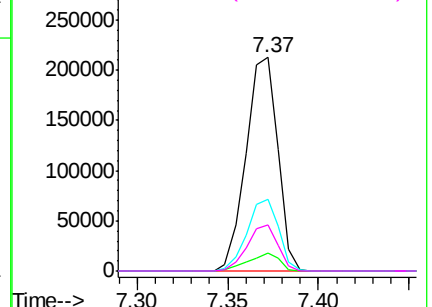
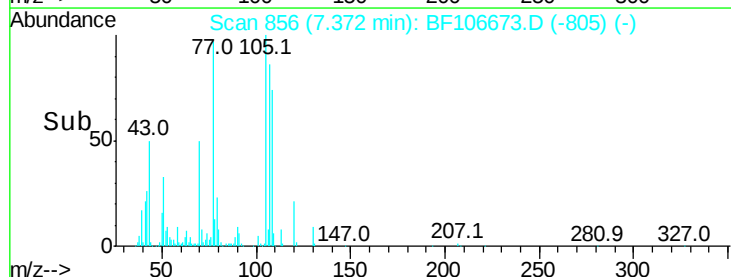


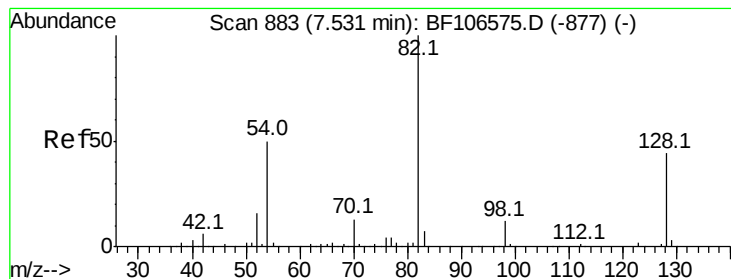
Abundance Ion 105.00 (104.70 to 105.70): E

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: 88.636 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF106673.D

Acq: 21 Jun 2018 20:55

Instrument :

BNA_F

ClientSampled :

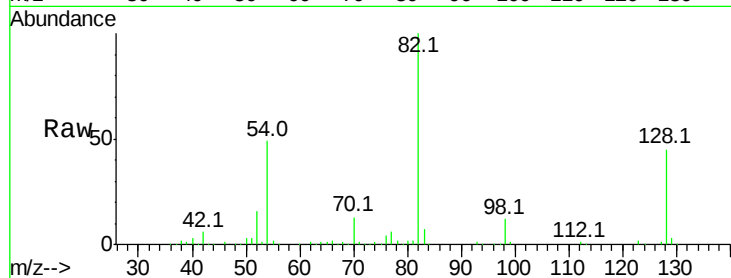
Tot Ion: 82 Resp: 437039

Ion Ratio Lower Upper

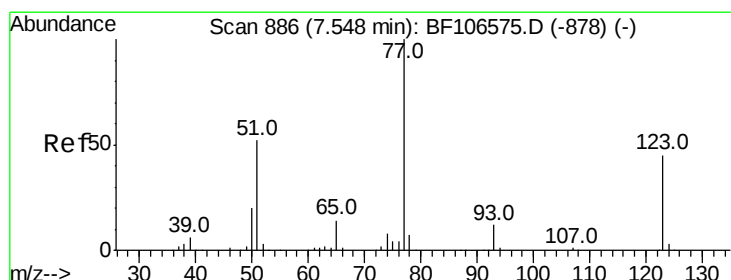
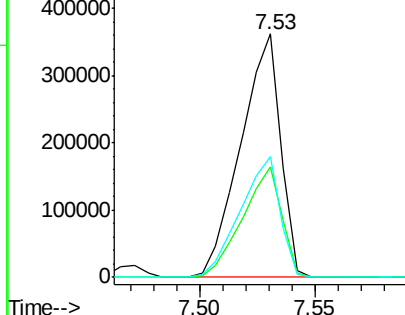
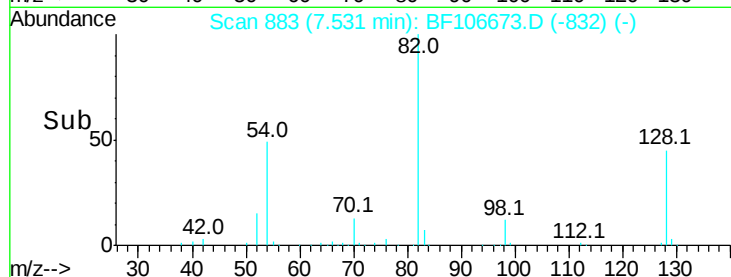
82 100

128 45.3 36.1 54.1

54 49.4 41.4 62.2



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



#24

Nitrobenzene

Concen: 42.628 ng

RT: 7.55 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF106673.D

Acq: 21 Jun 2018 20:55

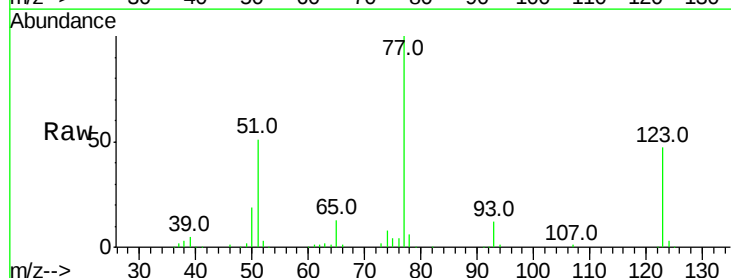
Tgt Ion: 77 Resp: 214588

Ion Ratio Lower Upper

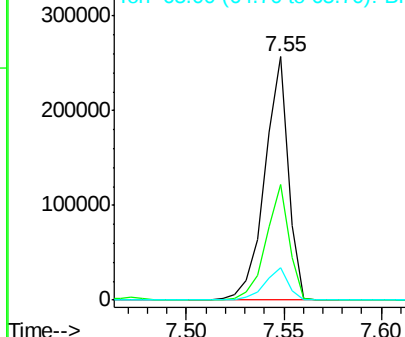
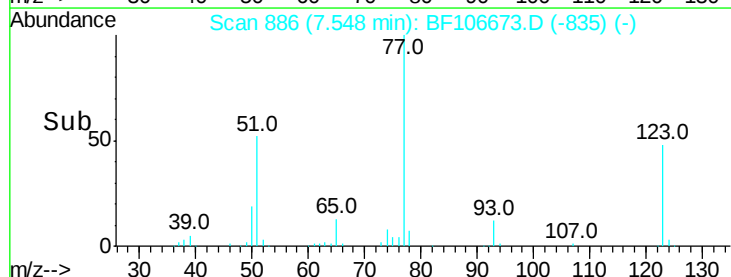
77 100

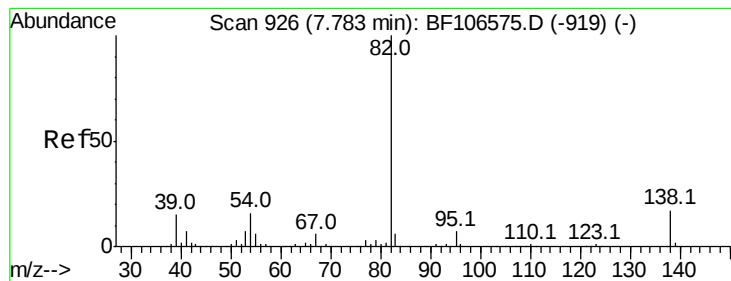
123 47.4 37.9 56.9

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): B
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 46.021 ng

RT: 7.78 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF106673.D

Acq: 21 Jun 2018 20:55

Instrument :

BNA_F

ClientSampleId :

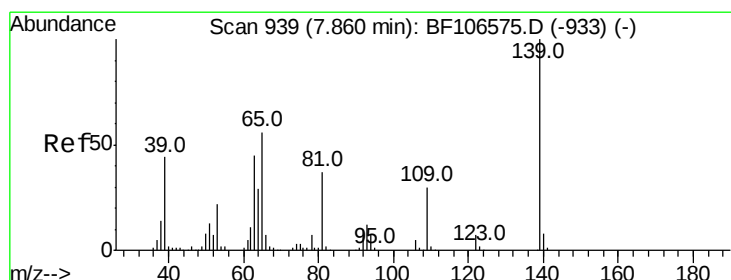
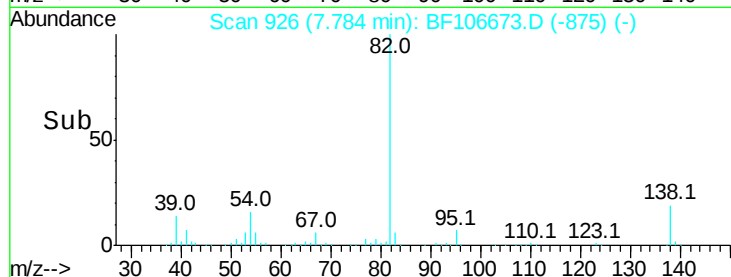
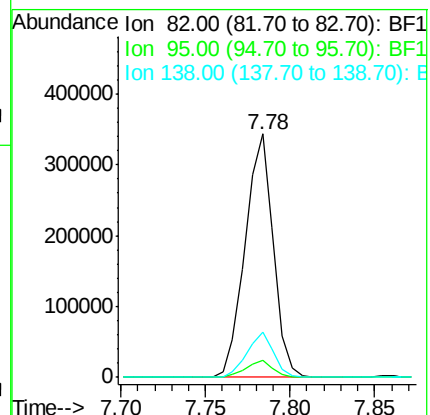
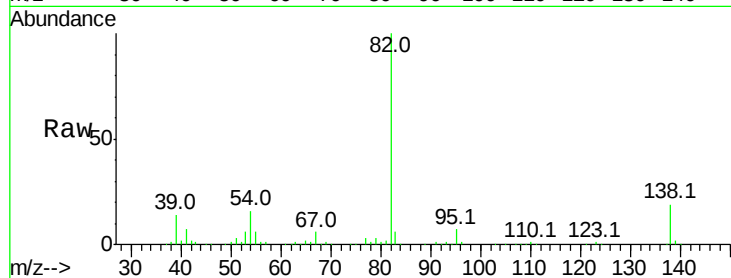
Tot Ion: 82 Resp: 399855

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

138 18.6 14.9 22.3



#26

2-Nitrophenol

Concen: 46.615 ng

RT: 7.86 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF106673.D

Acq: 21 Jun 2018 20:55

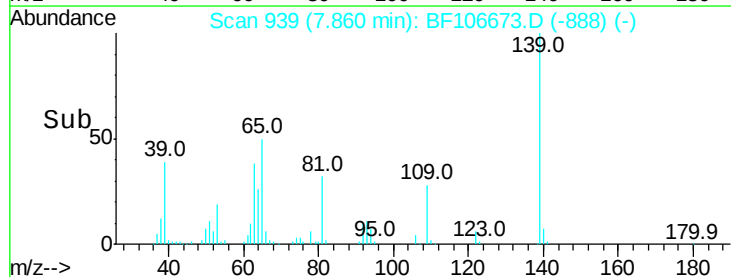
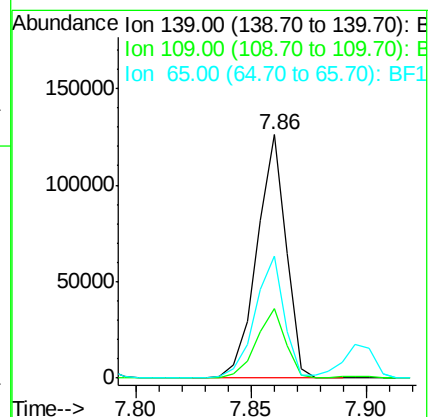
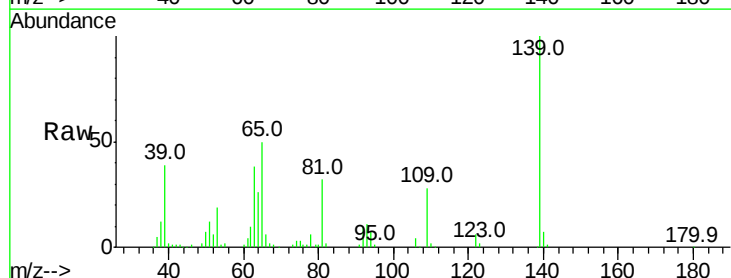
Tgt Ion: 139 Resp: 110776

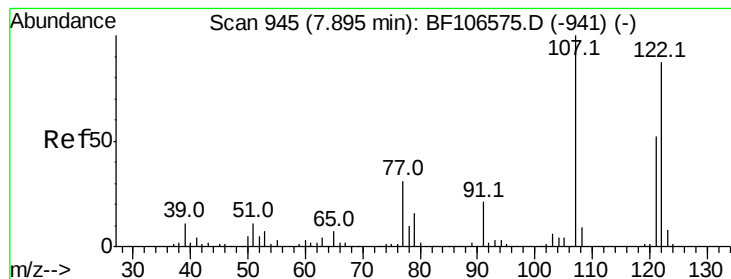
Ion Ratio Lower Upper

139 100

109 28.5 22.7 34.1

65 50.1 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 48.830 ng

RT: 7.90 min Scan# 946

Delta R.T. 0.01 min

Lab File: BF106673.D

Acq: 21 Jun 2018 20:55

Instrument :
BNA_F
ClientSampled :

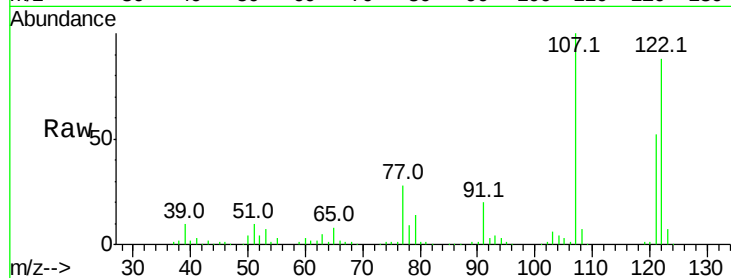
Tot Ion:122 Resp: 179358

Ion Ratio Lower Upper

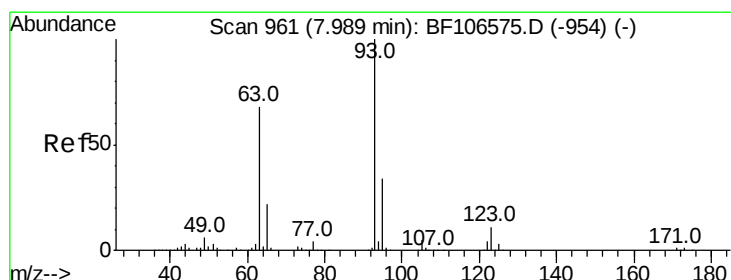
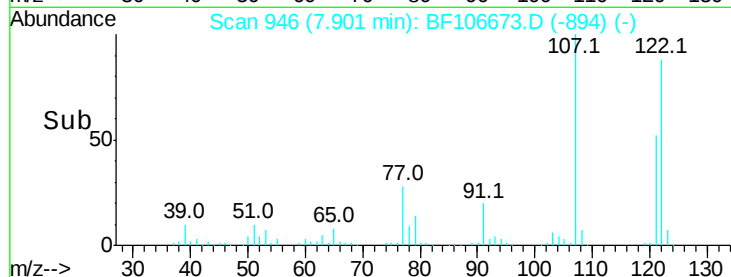
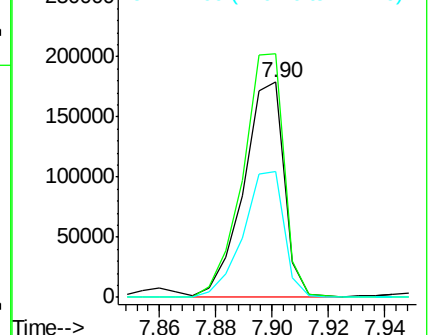
122 100

107 113.0 91.2 136.8

121 58.4 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: 43.277 ng

RT: 7.98 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF106673.D

Acq: 21 Jun 2018 20:55

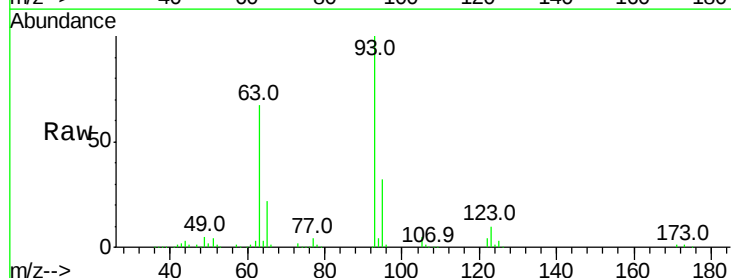
Tgt Ion: 93 Resp: 252465

Ion Ratio Lower Upper

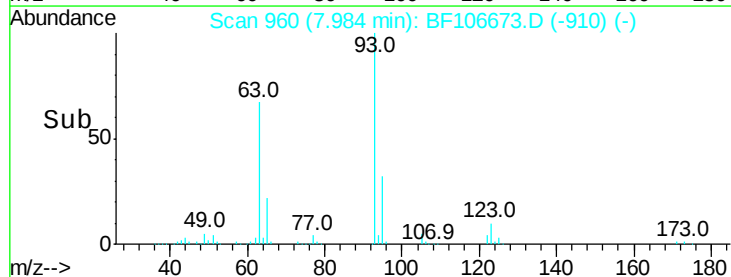
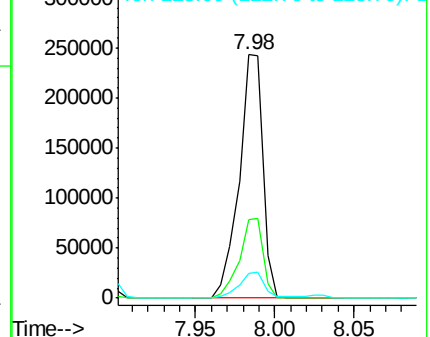
93 100

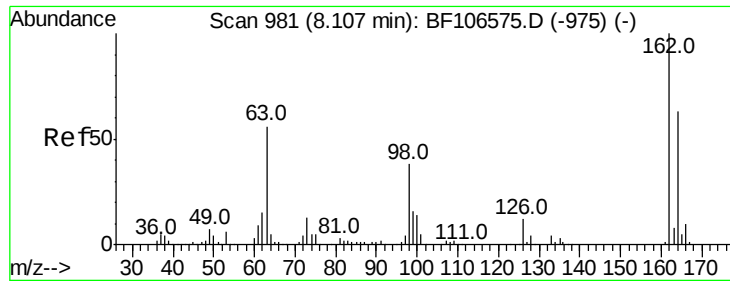
95 32.1 26.3 39.5

123 10.4 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

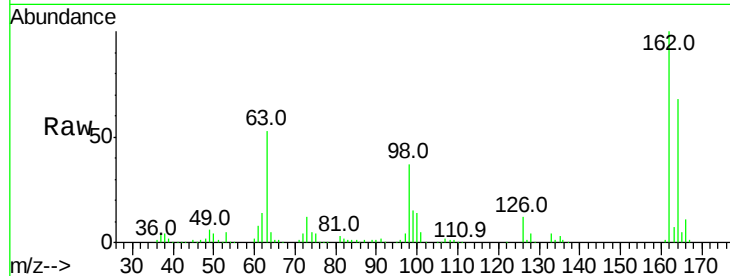




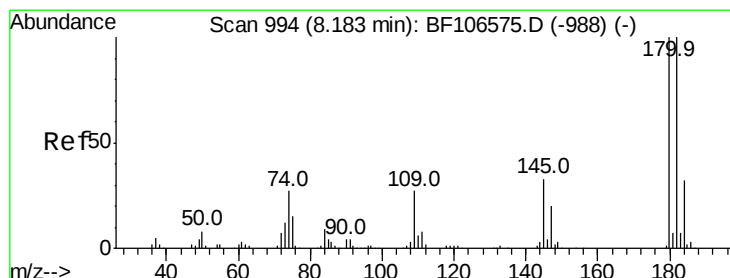
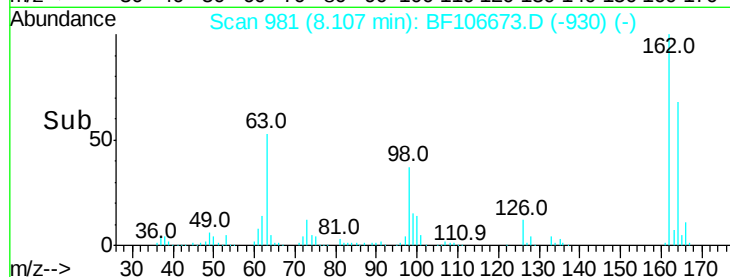
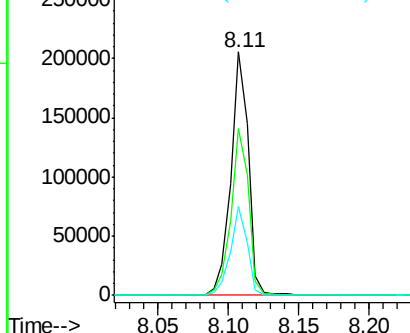
#29
 2,4-Dichlorophenol
 Concen: 46.225 ng
 RT: 8.11 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF106673.D
 Acq: 21 Jun 2018 20:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	68.3	42.7	82.7
98	36.7	18.1	58.1

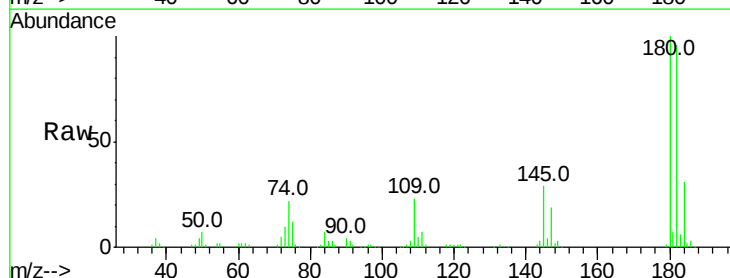


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

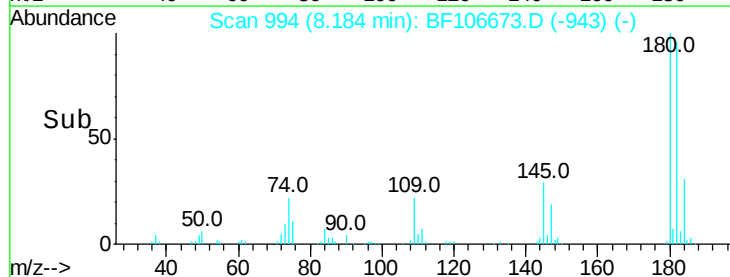
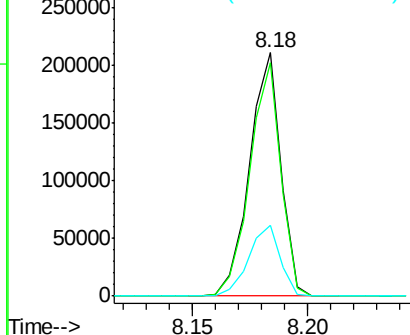


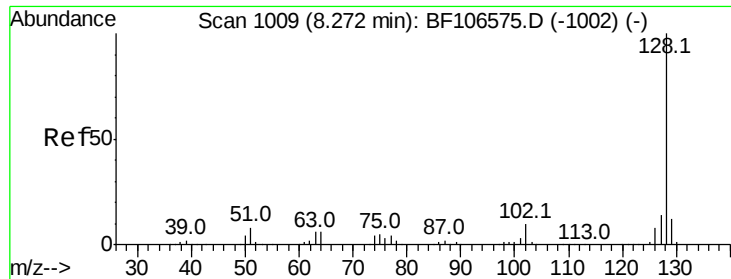
#30
 1,2,4-Trichlorobenzene
 Concen: 46.939 ng
 RT: 8.18 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: BF106673.D
 Acq: 21 Jun 2018 20:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.8	115.2
145	28.9	26.5	39.7



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

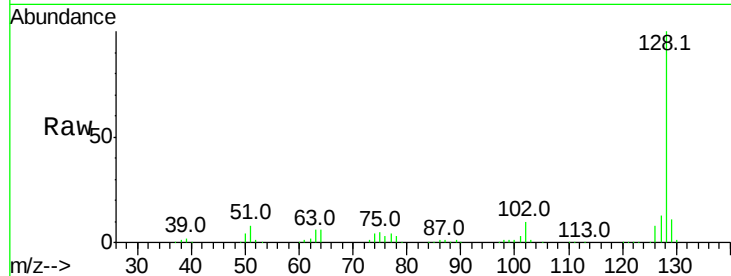




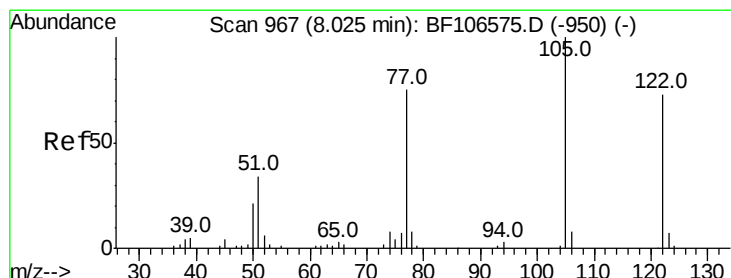
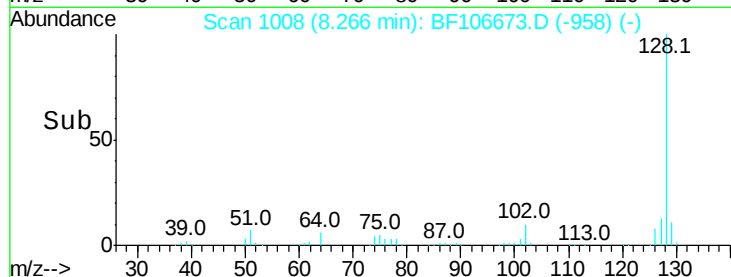
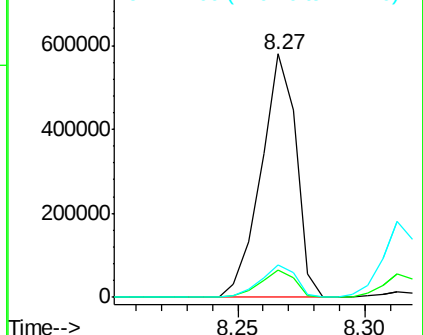
#31
Naphthalene
Concen: 43.759 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF106673.D
Acq: 21 Jun 2018 20:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 560602
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.5 10.9 16.3

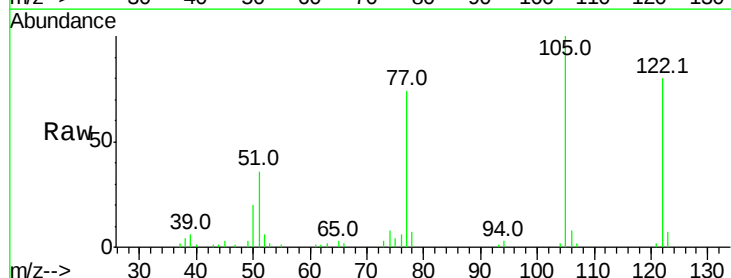


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

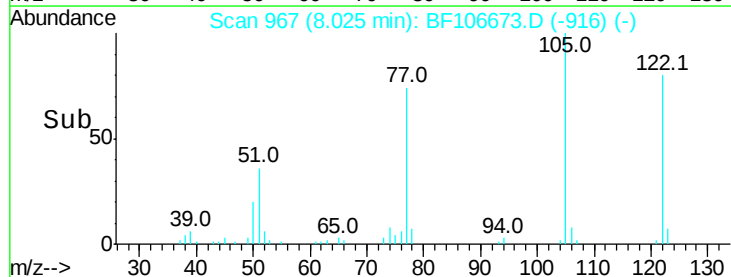
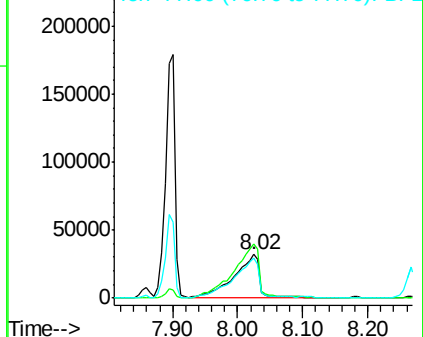


#32
Benzoic acid
Concen: 34.259 ng
RT: 8.02 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF106673.D
Acq: 21 Jun 2018 20:55

Tgt Ion:122 Resp: 86554
Ion Ratio Lower Upper
122 100
105 125.2 101.1 141.1
77 92.3 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

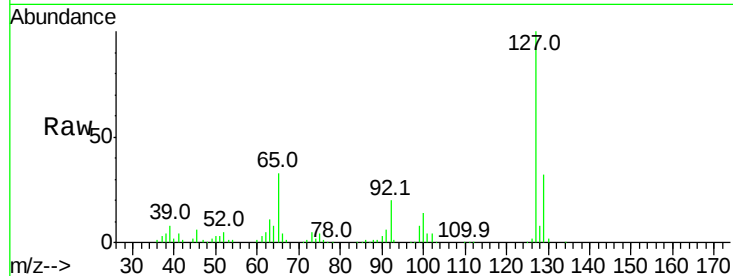




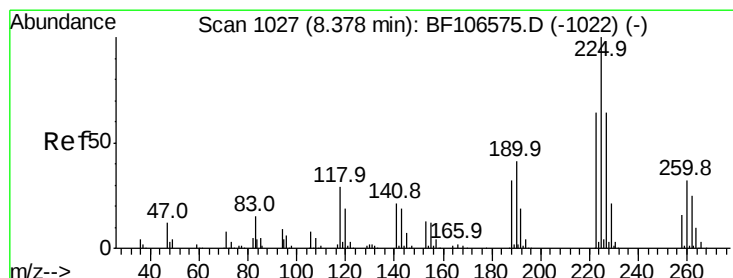
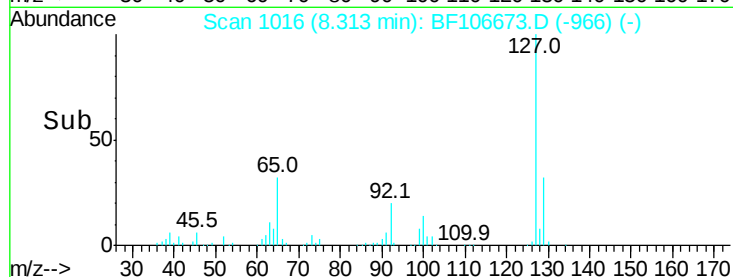
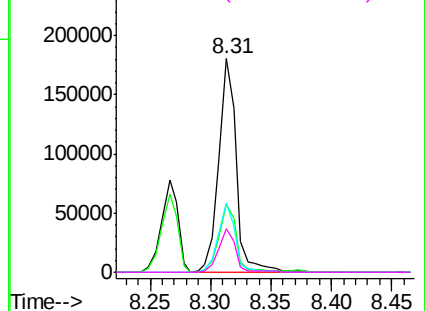
#33
4-Chloroaniline
Concen: 33.347 ng
RT: 8.31 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF106673.D
Acq: 21 Jun 2018 20:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	179254
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.9	38.9
65	32.6	25.0	37.4
92	20.3	15.2	22.8

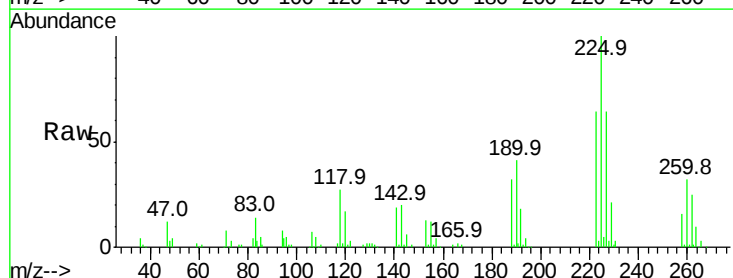


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

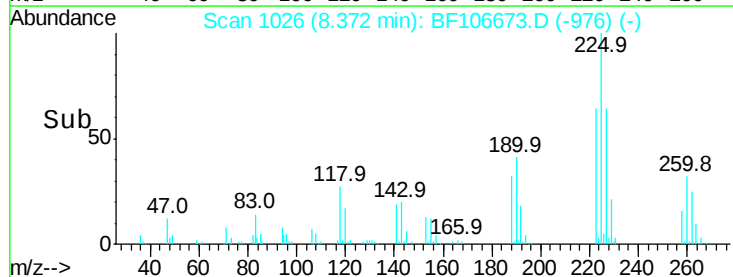
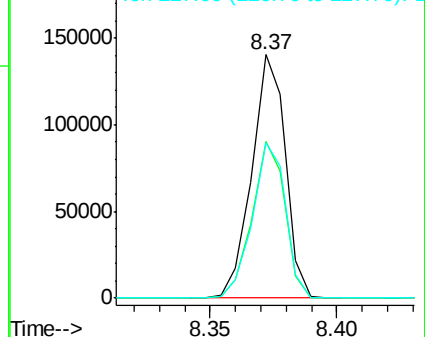


#34
Hexachlorobutadiene
Concen: 46.849 ng
RT: 8.37 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF106673.D
Acq: 21 Jun 2018 20:55

Tgt Ion:	225	Resp:	129318
Ion	Ratio	Lower	Upper
225	100		
223	64.1	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

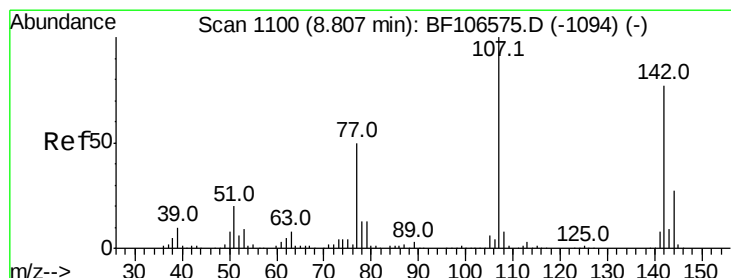
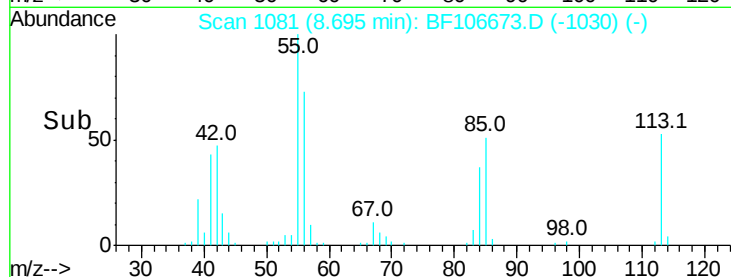
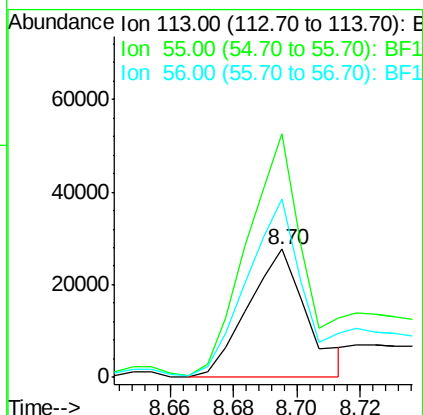
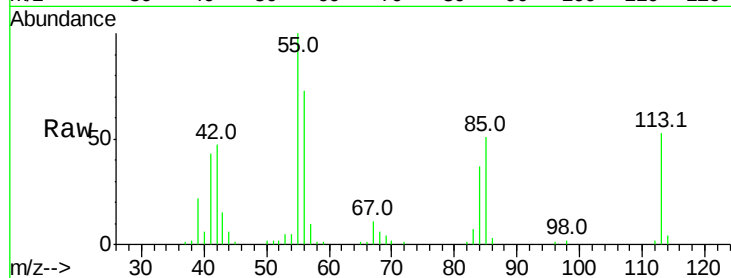




#35
 Caprolactam
 Concen: 28.347 ng
 RT: 8.70 min Scan# 1081
 Delta R.T. 0.00 min
 Lab File: BF106673.D
 Acq: 21 Jun 2018 20:55

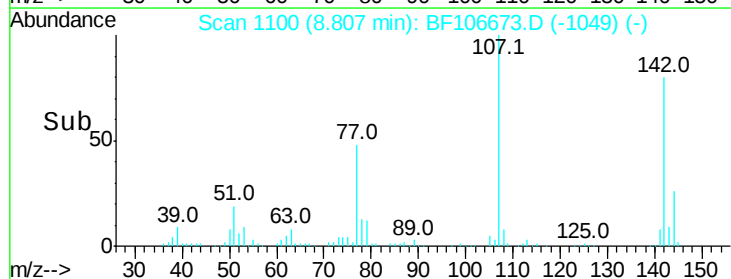
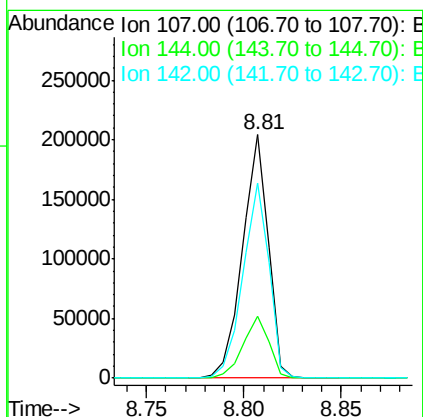
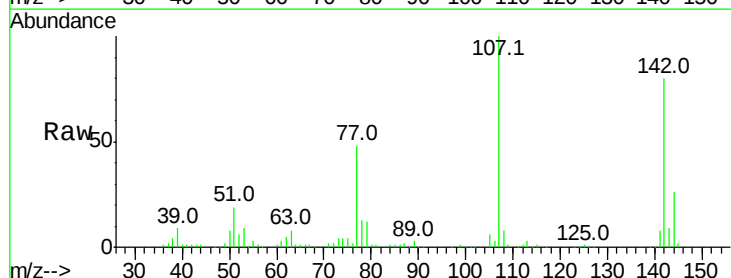
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 35533
 Ion Ratio Lower Upper
 113 100
 55 189.7 163.3 203.3
 56 138.5 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 46.197 ng
 RT: 8.81 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BF106673.D
 Acq: 21 Jun 2018 20:55

Tgt Ion:107 Resp: 186988
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.5 30.7
 142 80.2 62.0 93.0

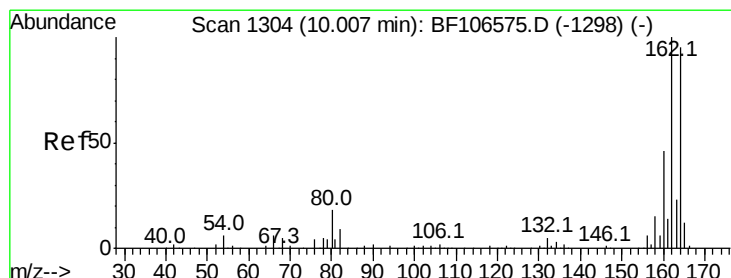
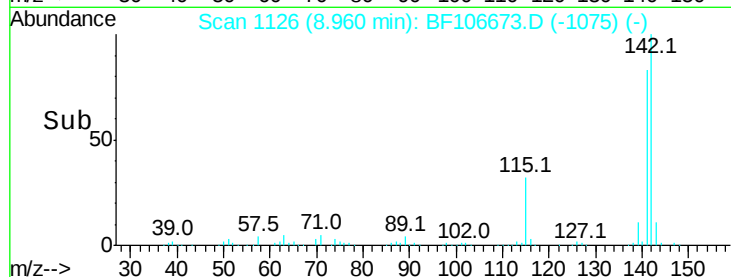
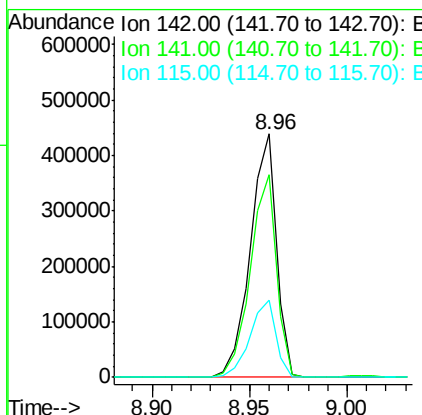
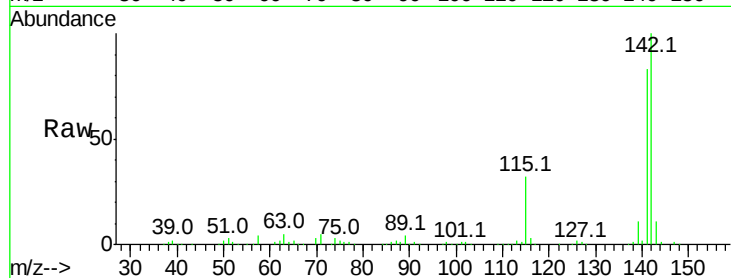




#37
 2-Methylnaphthalene
 Concen: 48.224 ng
 RT: 8.96 min Scan# 1126
 Delta R.T. 0.00 min
 Lab File: BF106673.D
 Acq: 21 Jun 2018 20:55

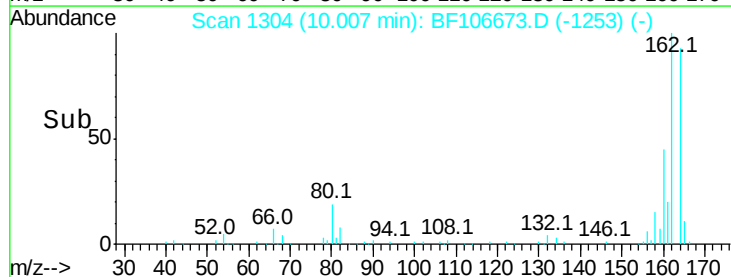
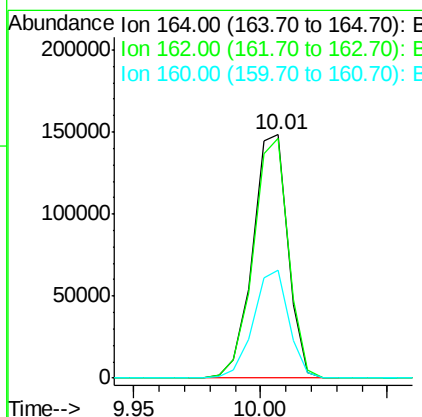
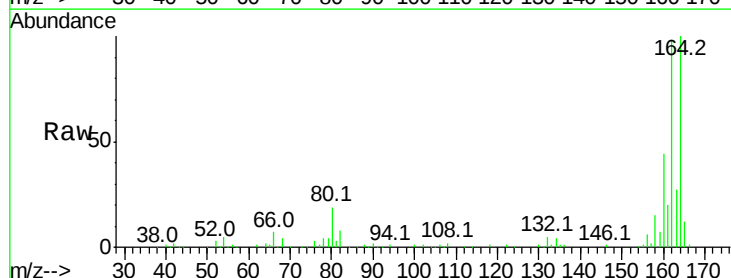
Instrument :
 BNA_F
 ClientSampleId :

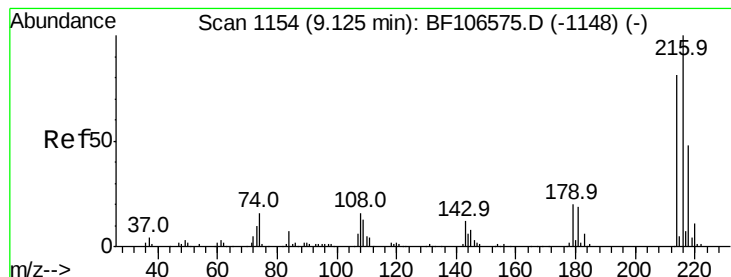
Tot Ion	Ratio	Lower	Upper
142	100		
141	83.4	70.8	106.2
115	32.0	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF106673.D
 Acq: 21 Jun 2018 20:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.2	86.1	129.1
160	44.4	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.234 ng

RT: 9.12 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF106673.D

Acq: 21 Jun 2018 20:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 214544

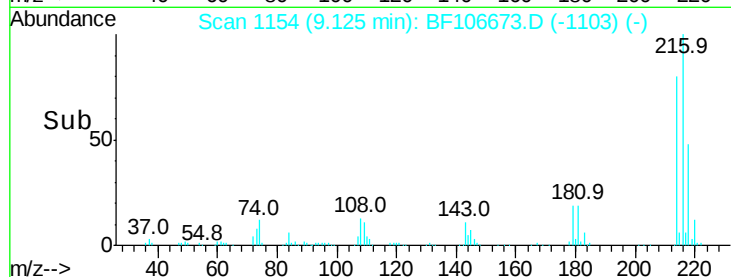
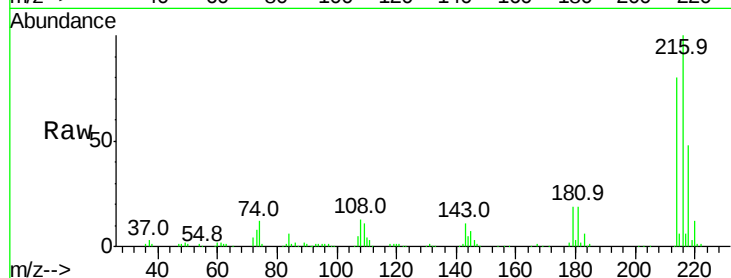
Ion Ratio Lower Upper

216 100

214 79.4 63.0 94.4

179 19.2 18.1 27.1

108 16.7 17.2 25.8#

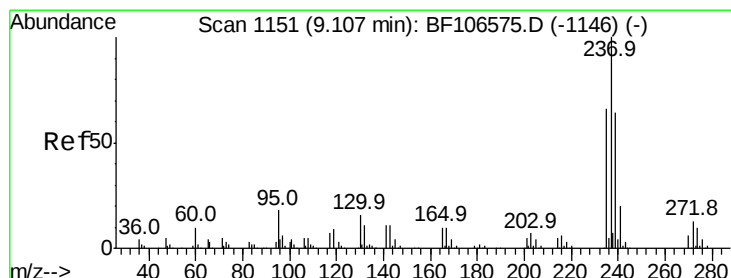
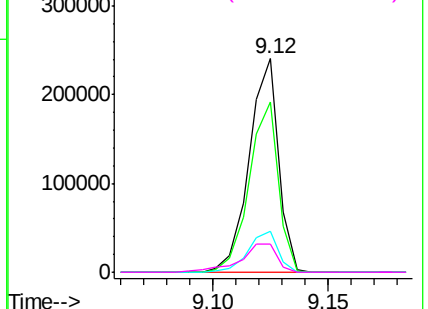


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 79.287 ng

RT: 9.11 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF106673.D

Acq: 21 Jun 2018 20:55

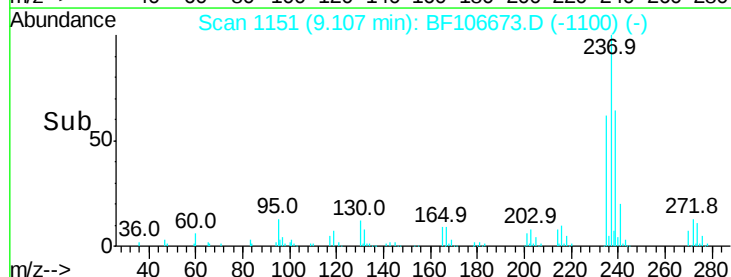
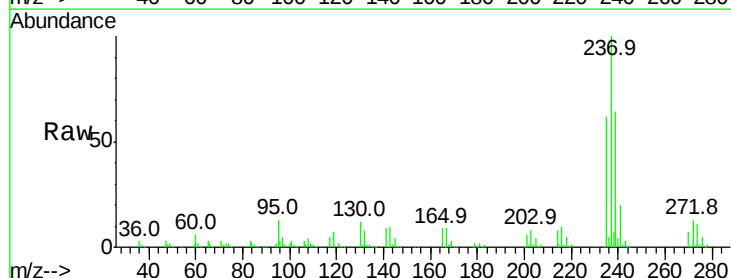
Tgt Ion:237 Resp: 197853

Ion Ratio Lower Upper

237 100

235 61.6 44.8 84.8

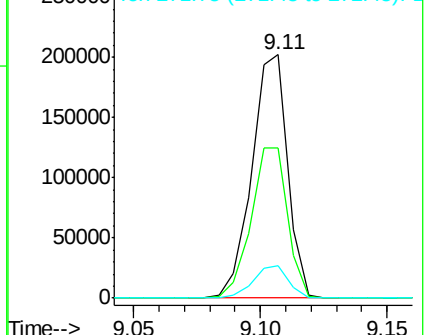
272 13.1 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

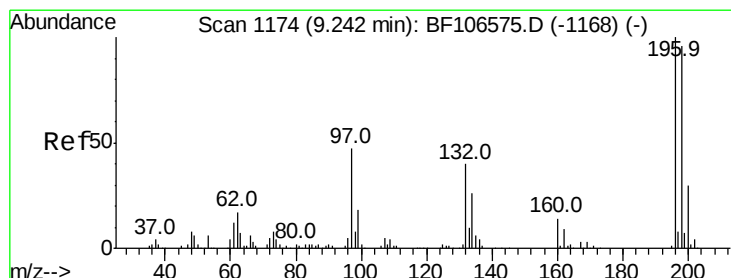
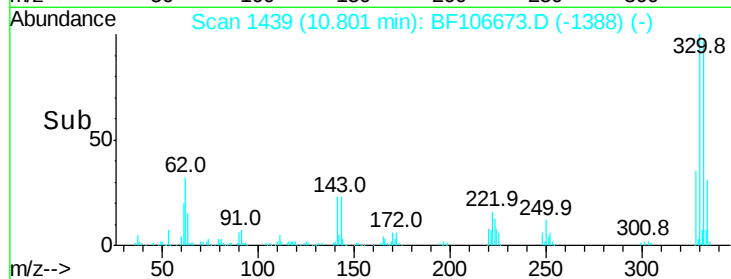
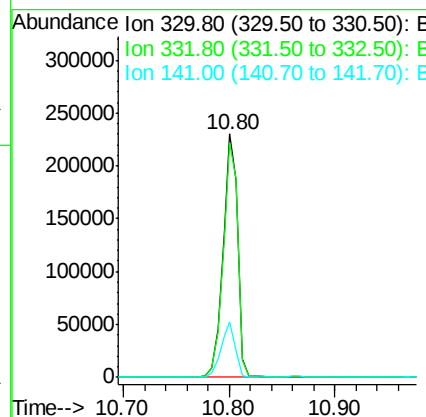
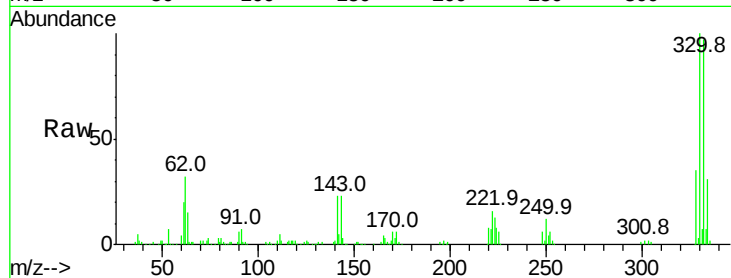




#41
 2,4,6-Tribromophenol
 Concen: 134.805 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106673.D
 Acq: 21 Jun 2018 20:55

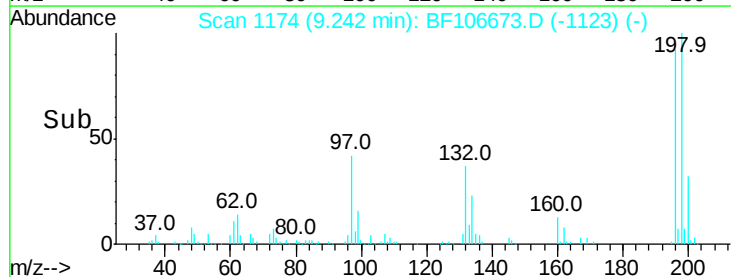
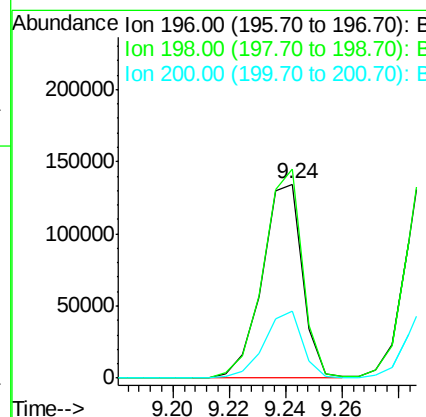
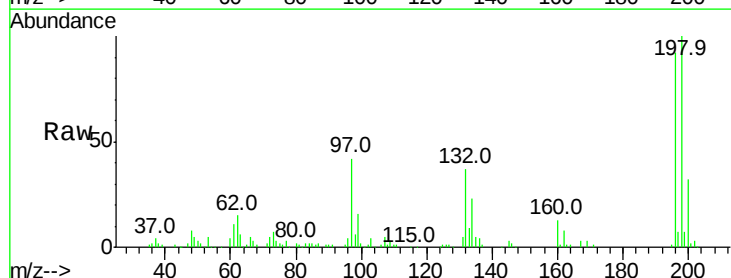
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	22.6	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 41.369 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF106673.D
 Acq: 21 Jun 2018 20:55

Tgt Ion	Ratio	Lower	Upper
196	100		
198	108.2	75.7	113.5
200	34.3	24.5	36.7

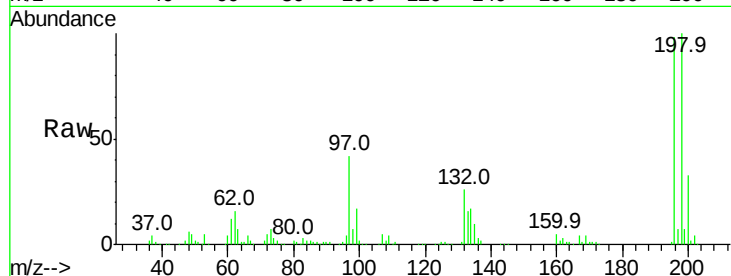




#43
 2,4,5-Trichlorophenol
 Concen: 41.463 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF106673.D
 Acq: 21 Jun 2018 20:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	101.9	74.6	112.0
97	42.6	42.9	64.3#
132	26.0	26.3	39.5#



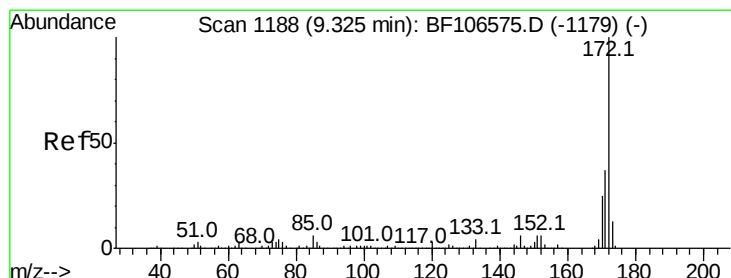
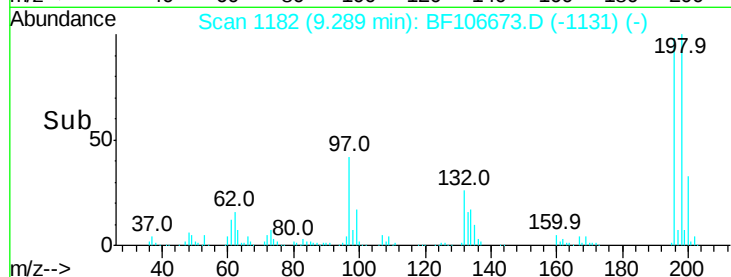
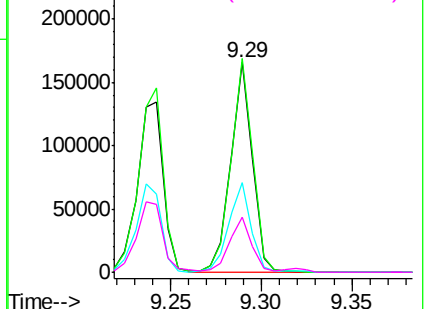
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

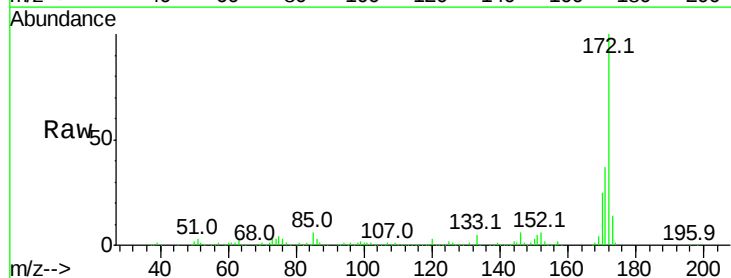
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 89.929 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106673.D
 Acq: 21 Jun 2018 20:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.7	44.5
170	24.8	19.6	29.4

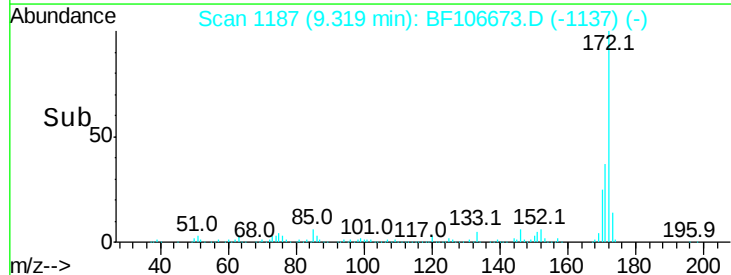
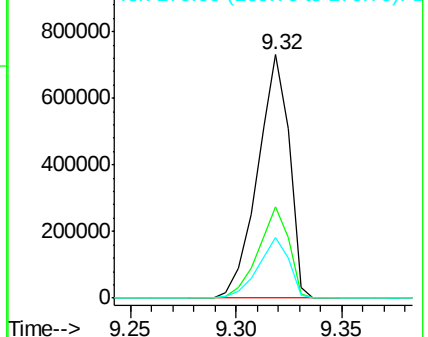


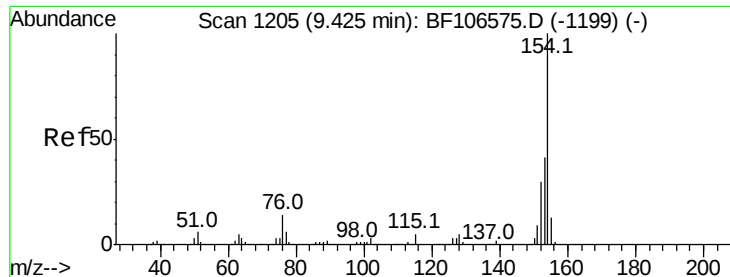
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 42.744 ng

RT: 9.42 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF106673.D

Acq: 21 Jun 2018 20:55

Instrument :

BNA_F

ClientSampleId :

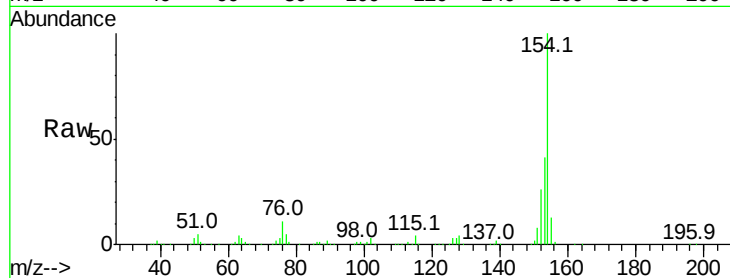
Tot Ion:154 Resp: 490605

Ion Ratio Lower Upper

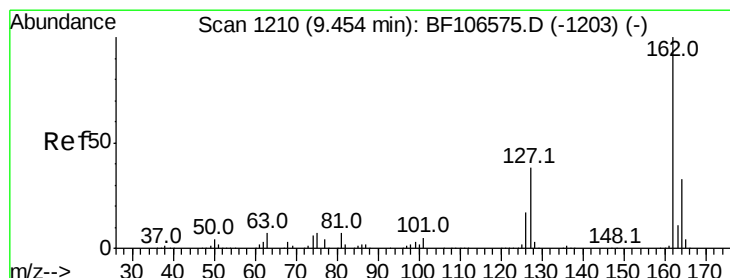
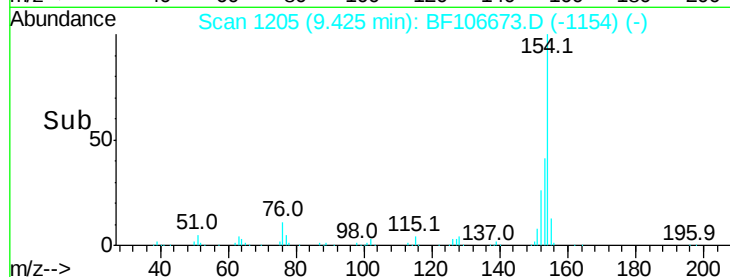
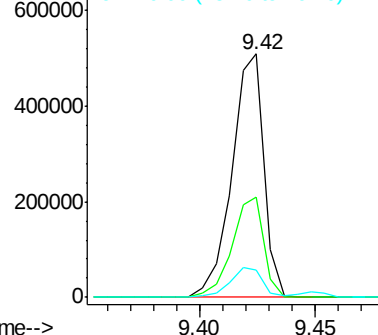
154 100

153 41.0 21.3 61.3

76 11.2 0.0 34.0



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



#46

2-Chloronaphthalene

Concen: 40.703 ng

RT: 9.45 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF106673.D

Acq: 21 Jun 2018 20:55

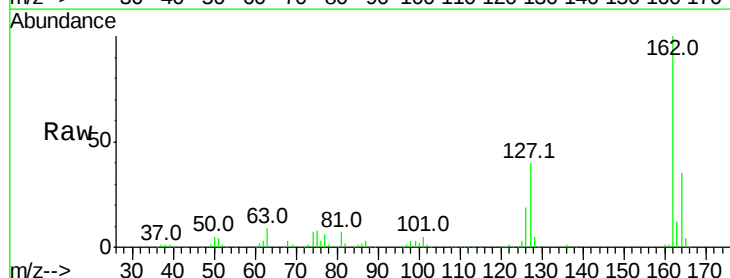
Tgt Ion:162 Resp: 367736

Ion Ratio Lower Upper

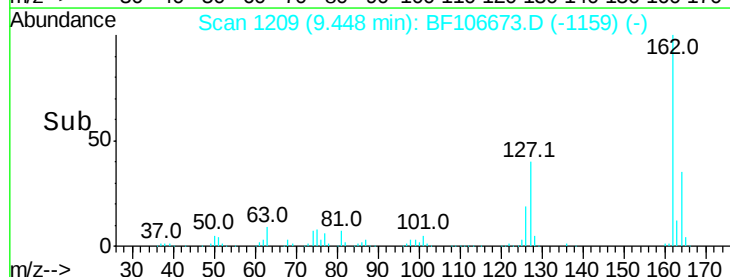
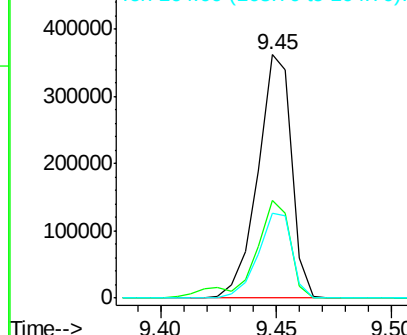
162 100

127 40.2 33.9 50.9

164 34.8 26.5 39.7



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

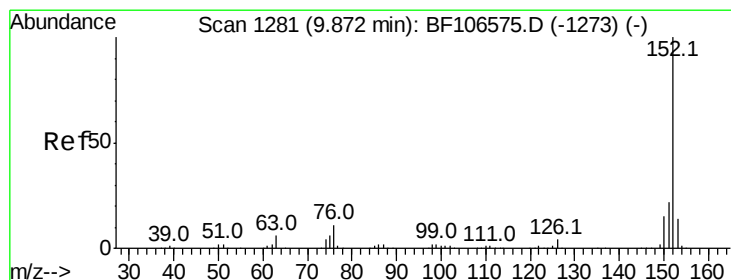
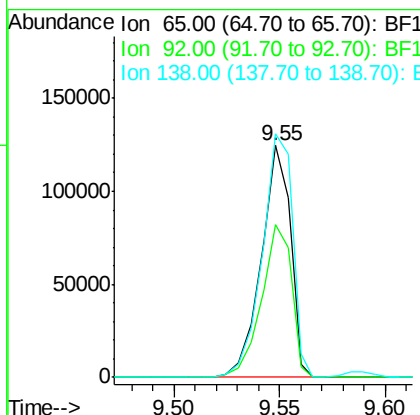
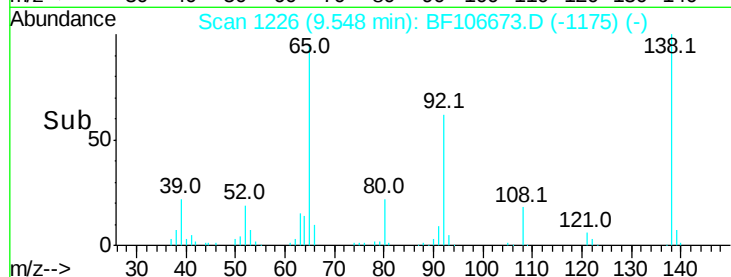
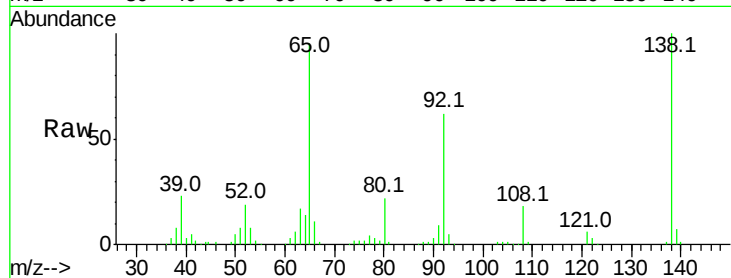




#47
2-Nitroaniline
Concen: 39.599 ng
RT: 9.55 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BF106673.D
Acq: 21 Jun 2018 20:55

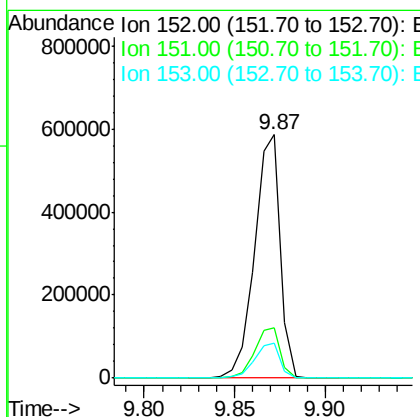
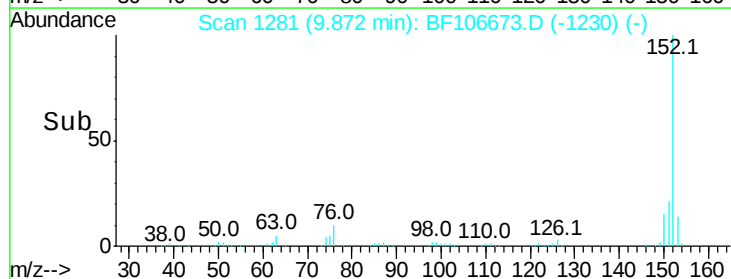
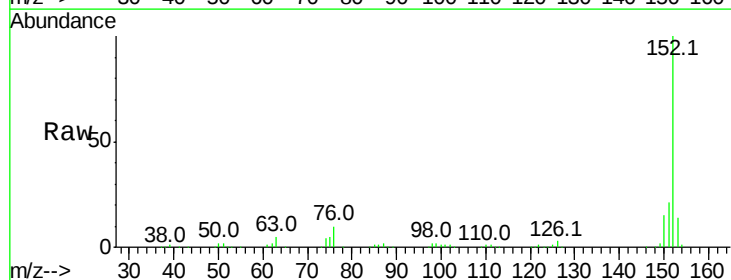
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 120304
Ion Ratio Lower Upper
65 100
92 65.6 55.8 83.6
138 104.9 91.2 136.8



#48
Acenaphthylene
Concen: 40.193 ng
RT: 9.87 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF106673.D
Acq: 21 Jun 2018 20:55

Tgt Ion:152 Resp: 573304
Ion Ratio Lower Upper
152 100
151 20.9 16.3 24.5
153 14.2 10.7 16.1

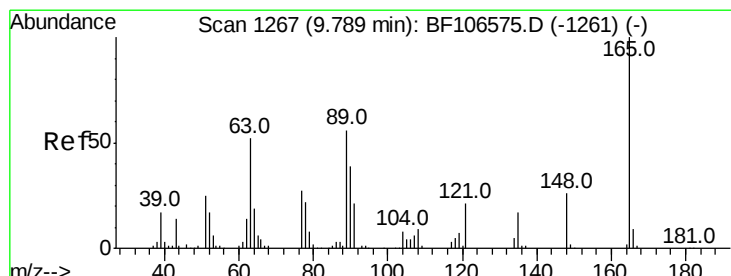
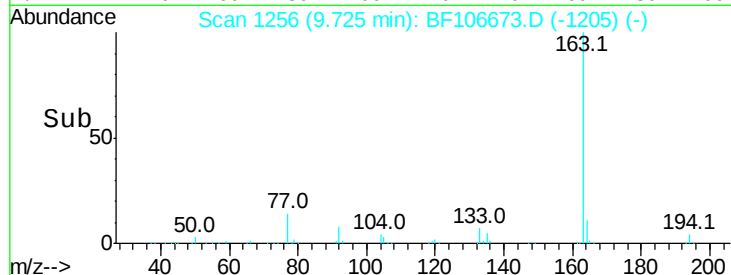
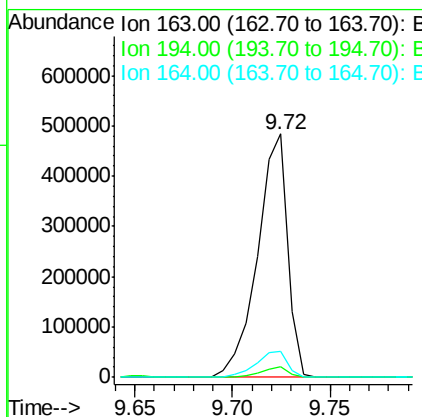
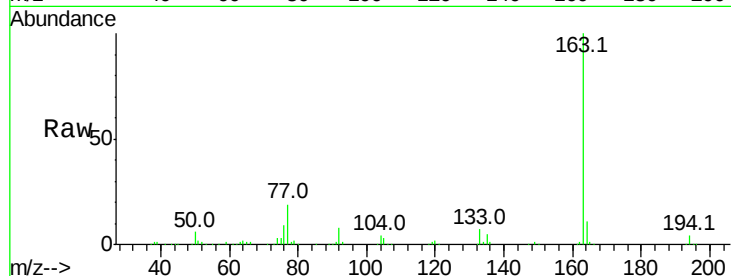




#49
Dimethylphthalate
Concen: 47.827 ng
RT: 9.72 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BF106673.D
Acq: 21 Jun 2018 20:55

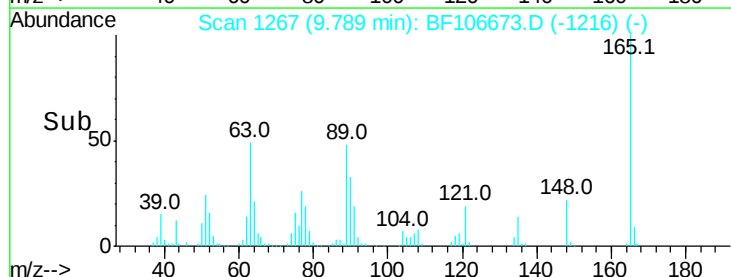
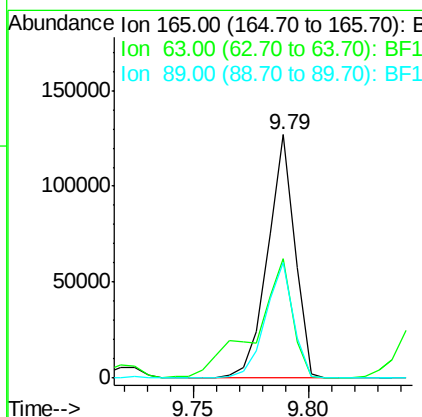
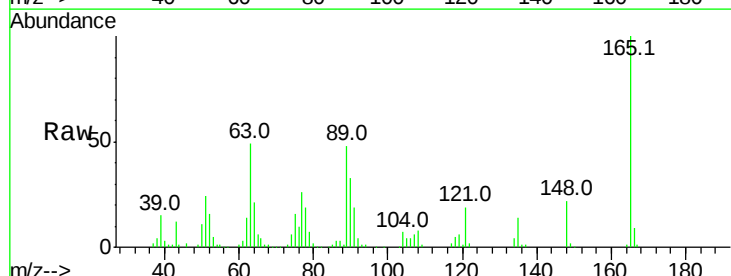
Instrument :
BNA_F
ClientSampleId :

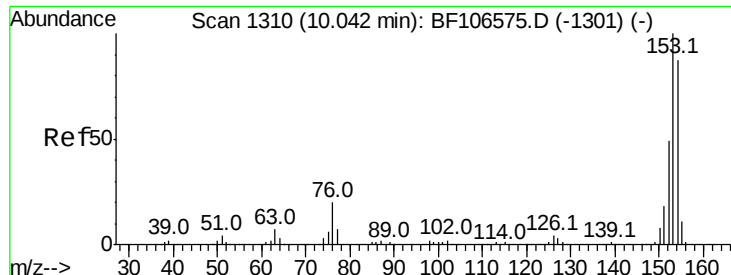
Tot Ion:163 Resp: 516611
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 10.8 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 45.430 ng
RT: 9.79 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF106673.D
Acq: 21 Jun 2018 20:55

Tgt Ion:165 Resp: 103913
Ion Ratio Lower Upper
165 100
63 49.3 44.7 67.1
89 47.5 44.0 66.0

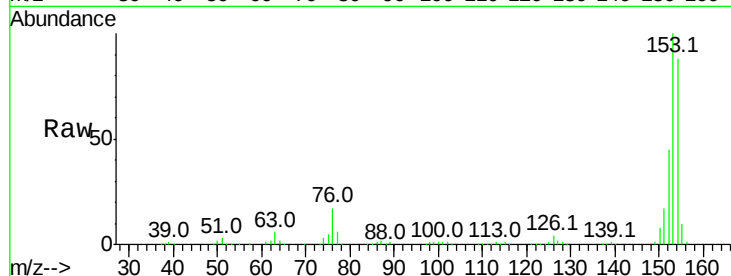




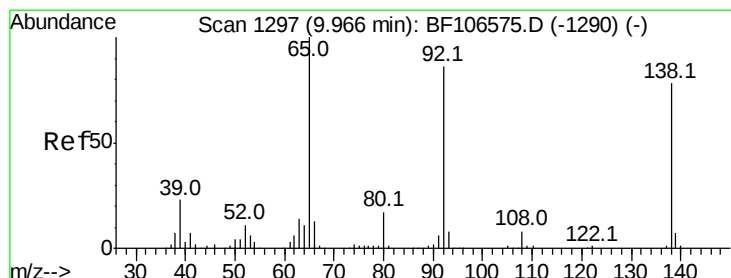
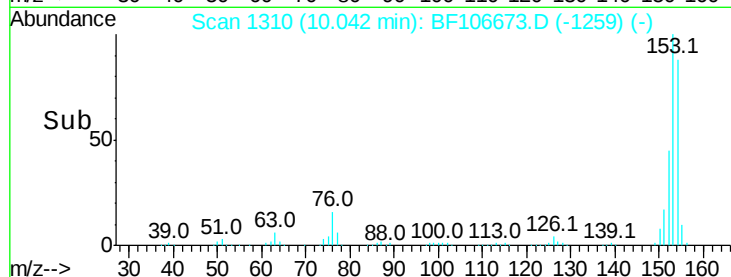
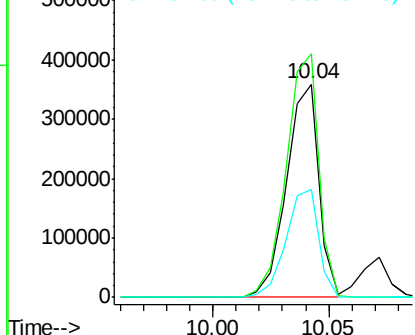
#51
Acenaphthene
Concen: 38.773 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF106673.D
Acq: 21 Jun 2018 20:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:154 Resp: 348267
Ion Ratio Lower Upper
154 100
153 114.1 91.2 136.8
152 50.9 43.8 65.8

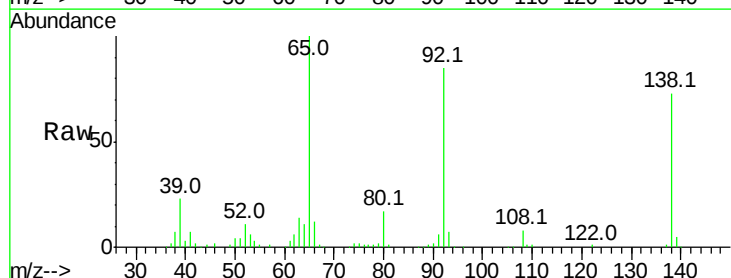


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

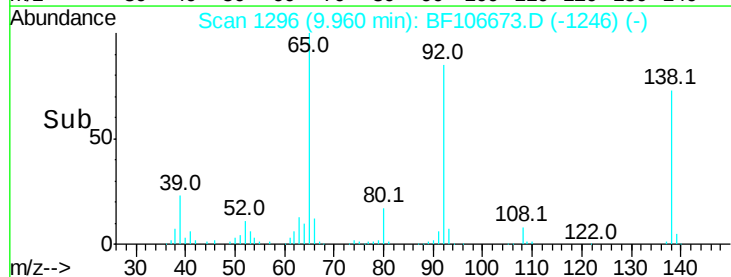
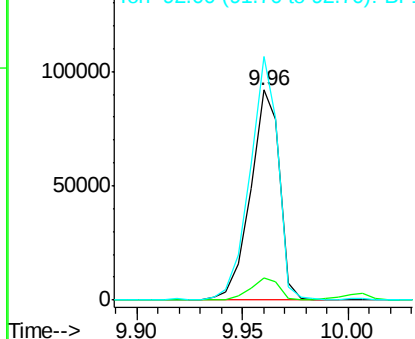


#52
3-Nitroaniline
Concen: 33.418 ng
RT: 9.96 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF106673.D
Acq: 21 Jun 2018 20:55

Tgt Ion:138 Resp: 87958
Ion Ratio Lower Upper
138 100
108 10.8 9.4 14.0
92 116.0 89.4 134.2



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

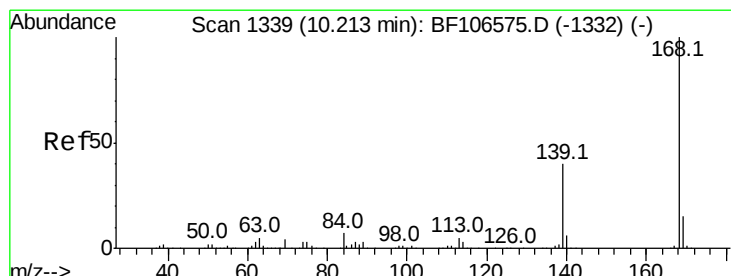
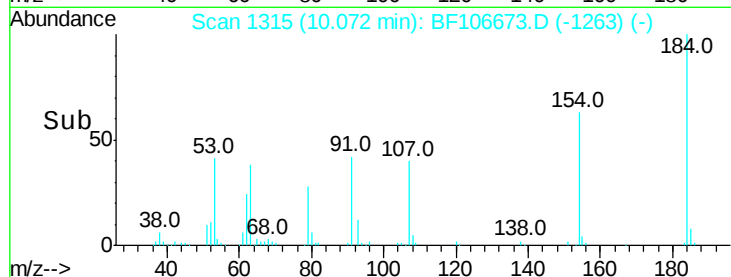
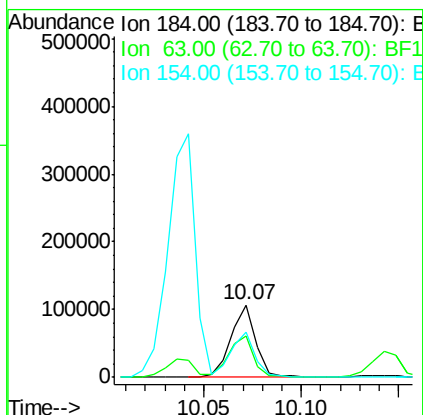
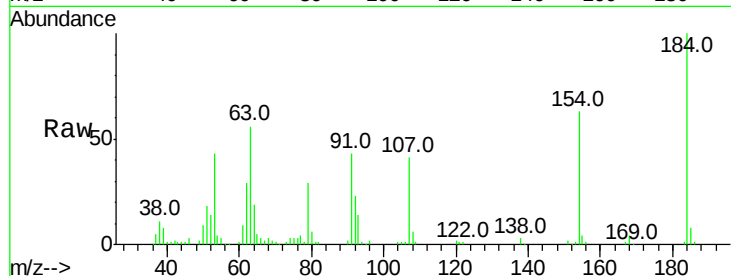




#53
 2,4-Dinitrophenol
 Concen: 80.528 ng
 RT: 10.07 min Scan# 1315
 Delta R.T. 0.01 min
 Lab File: BF106673.D
 Acq: 21 Jun 2018 20:55

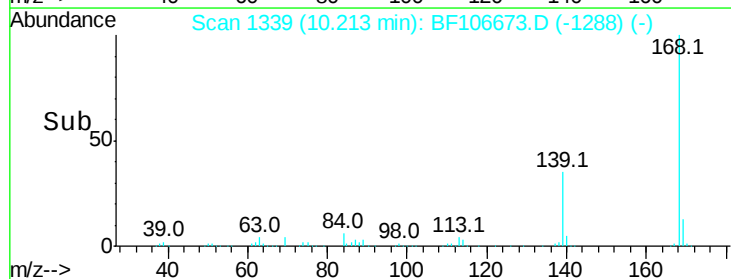
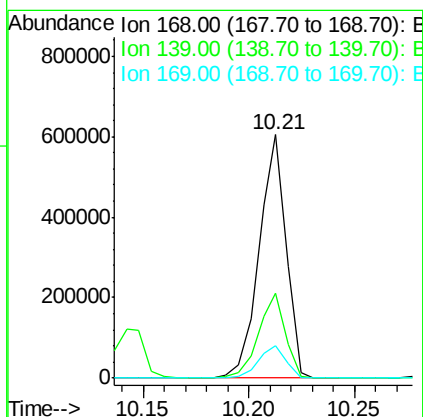
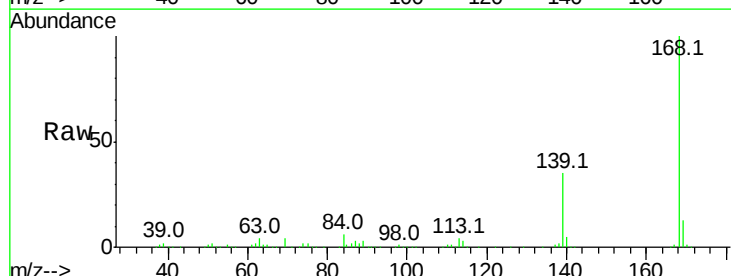
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 95812
 Ion Ratio Lower Upper
 184 100
 63 56.5 54.2 81.2
 154 62.9 184.0 276.0#



#54
 Dibenzofuran
 Concen: 43.553 ng
 RT: 10.21 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF106673.D
 Acq: 21 Jun 2018 20:55

Tgt Ion:168 Resp: 535676
 Ion Ratio Lower Upper
 168 100
 139 34.9 30.1 45.1
 169 13.5 10.9 16.3

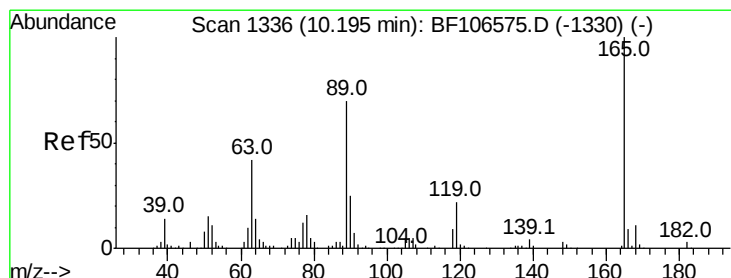
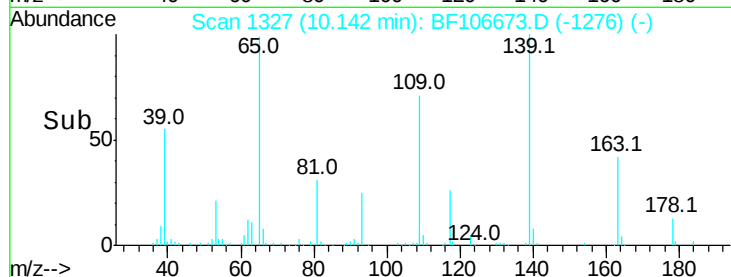
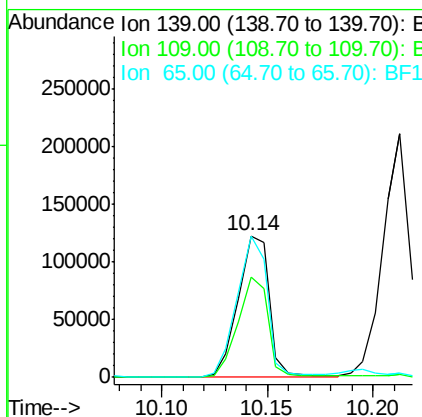
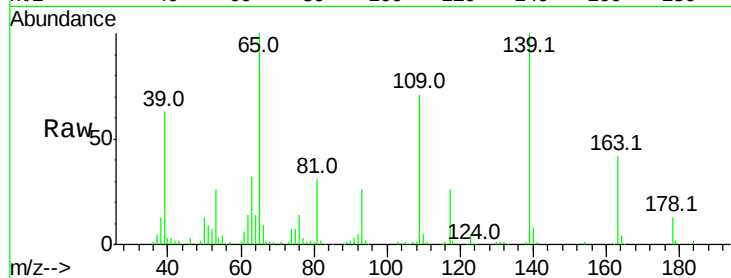




#55
4-Nitrophenol
Concen: 69.121 ng
RT: 10.14 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF106673.D
Acq: 21 Jun 2018 20:55

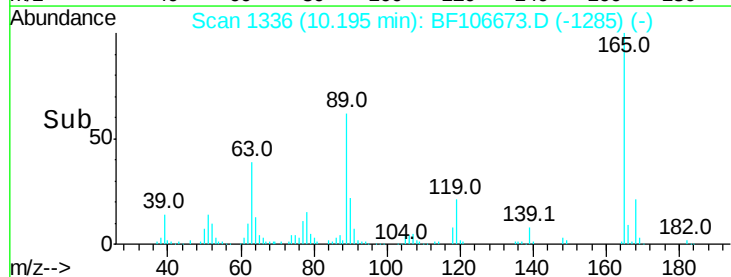
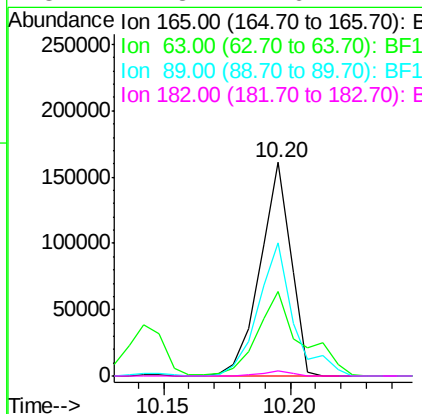
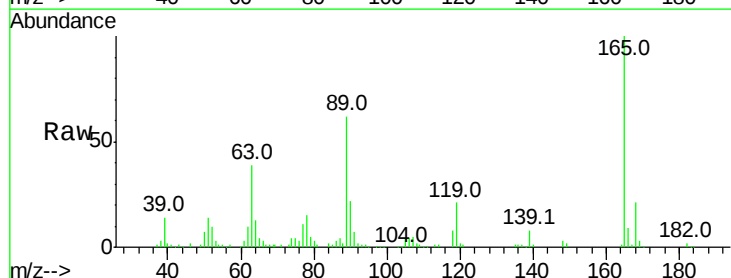
Instrument :
BNA_F
ClientSampleId :

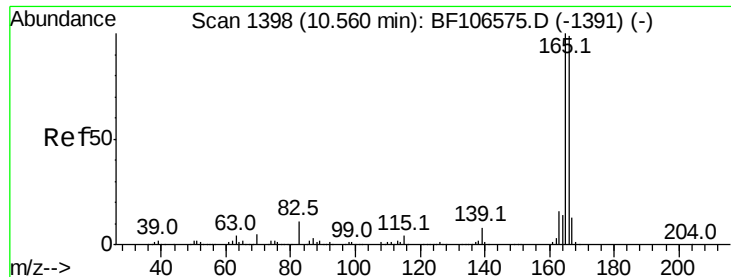
Tot Ion:139 Resp: 126991
Ion Ratio Lower Upper
139 100
109 71.1 48.4 88.4
65 99.6 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 45.856 ng
RT: 10.20 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF106673.D
Acq: 21 Jun 2018 20:55

Tgt Ion:165 Resp: 136908
Ion Ratio Lower Upper
165 100
63 39.5 36.4 54.6
89 62.3 57.8 86.6
182 2.3 1.6 2.4

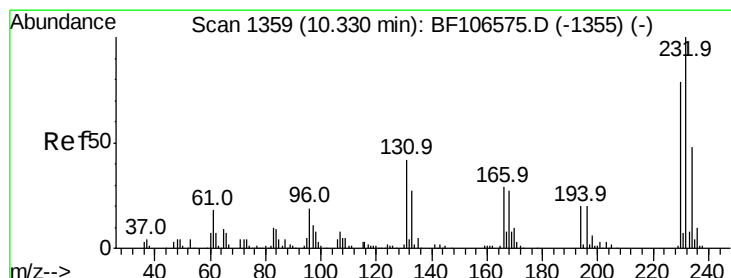
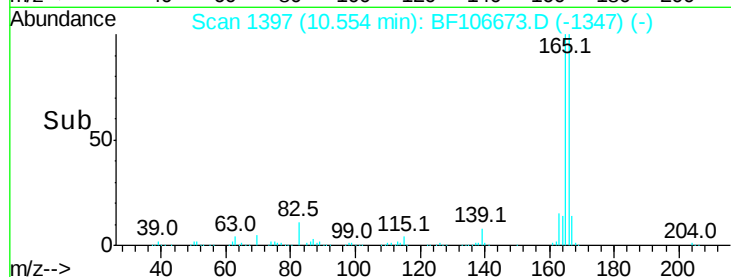
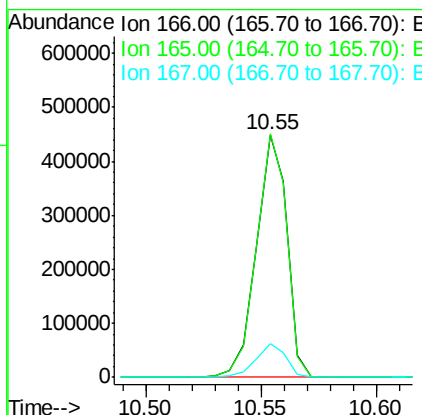
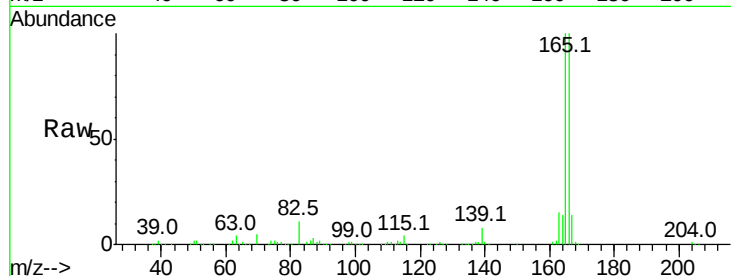




#57
 Fluorene
 Concen: 42.308 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF106673.D
 Acq: 21 Jun 2018 20:55

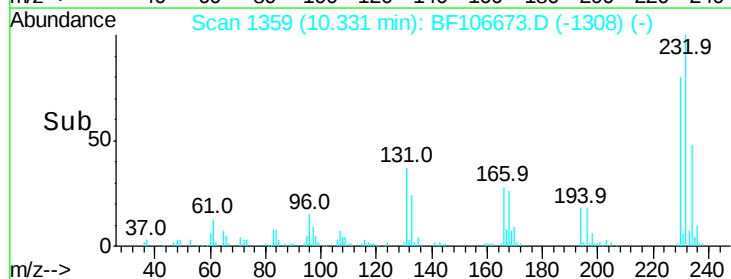
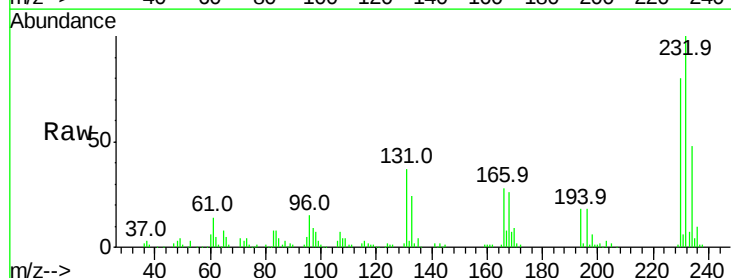
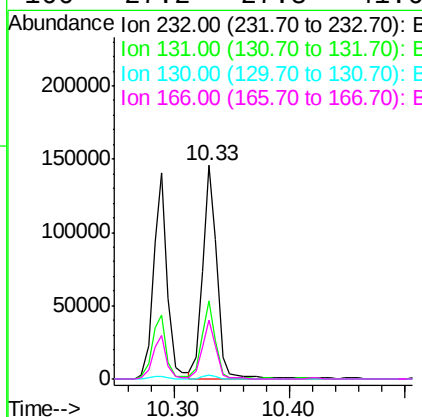
Instrument :
 BNA_F
 ClientSampleId :

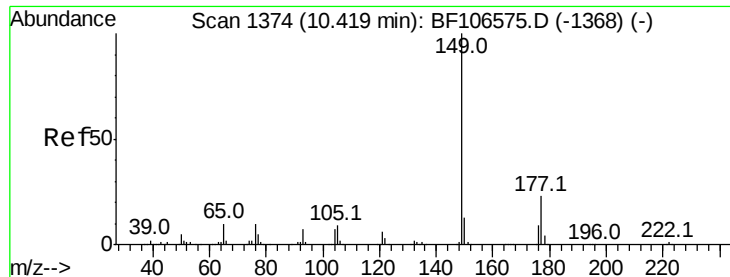
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.4	79.8	119.8
167	13.7	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.396 ng
 RT: 10.33 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: BF106673.D
 Acq: 21 Jun 2018 20:55

Tgt Ion	Ratio	Lower	Upper
232	100		
131	35.0	43.8	65.8#
130	1.6	2.1	3.1#
166	27.2	27.8	41.6#

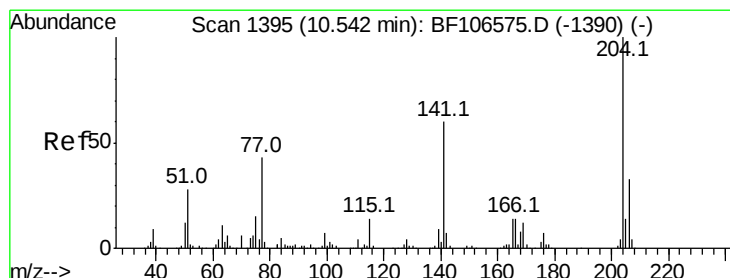
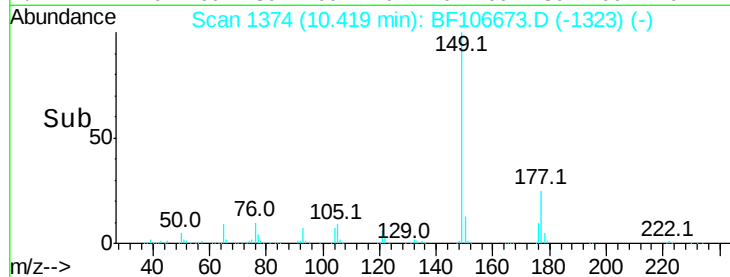
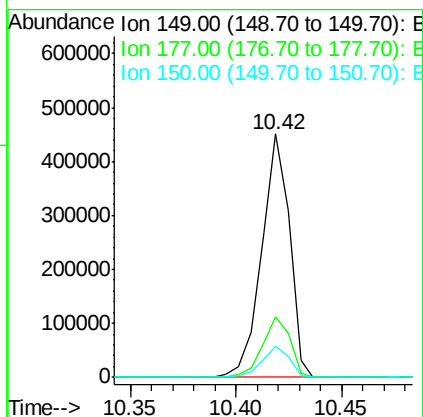
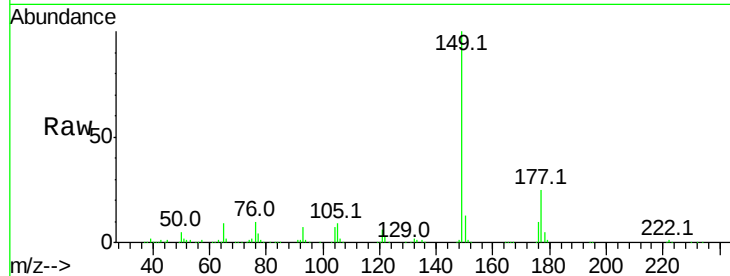




#59
Diethylphthalate
Concen: 39.629 ng
RT: 10.42 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BF106673.D
Acq: 21 Jun 2018 20:55

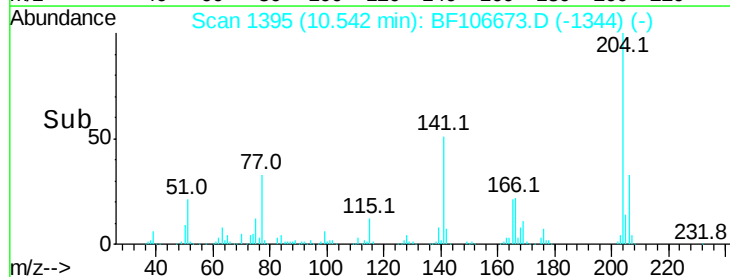
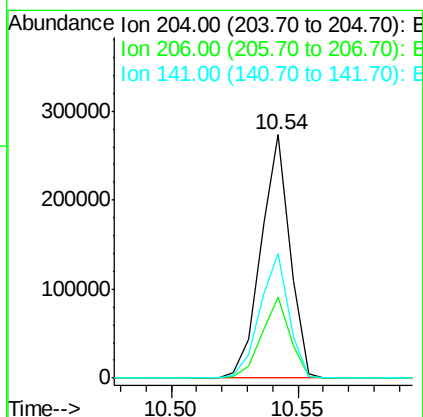
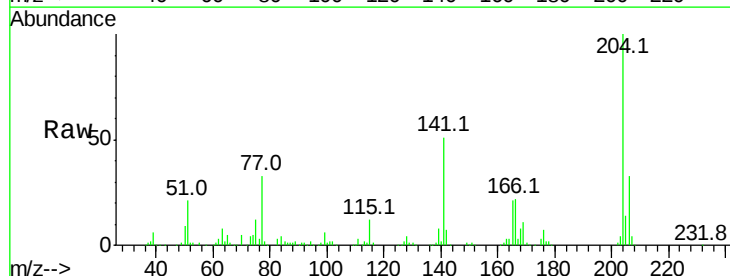
Instrument :
BNA_F
ClientSampleId :

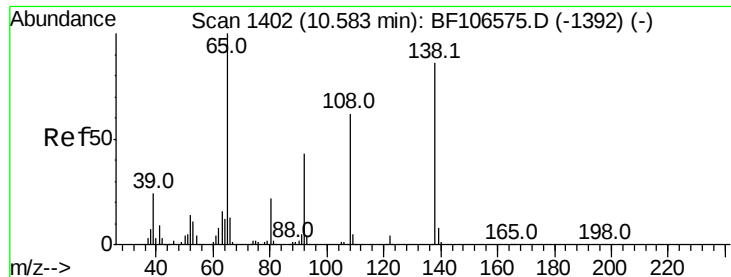
Tot Ion:149 Resp: 413155
Ion Ratio Lower Upper
149 100
177 24.8 16.1 24.1#
150 12.9 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 42.338 ng
RT: 10.54 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF106673.D
Acq: 21 Jun 2018 20:55

Tgt Ion:204 Resp: 216206
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 51.2 54.6 81.8#





#61

4-Nitroaniline

Concen: 39.638 ng

RT: 10.58 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BF106673.D

Acq: 21 Jun 2018 20:55

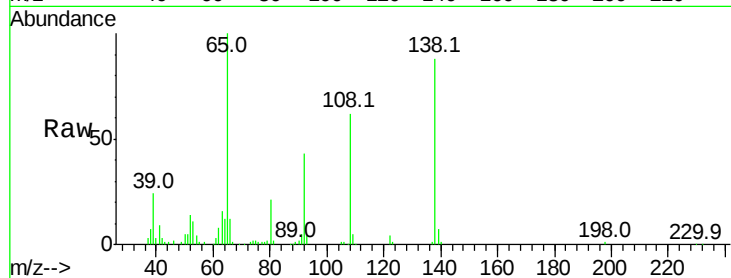
Instrument :

BNA_F

ClientSampled :

Tot Ion:138 Resp: 103542

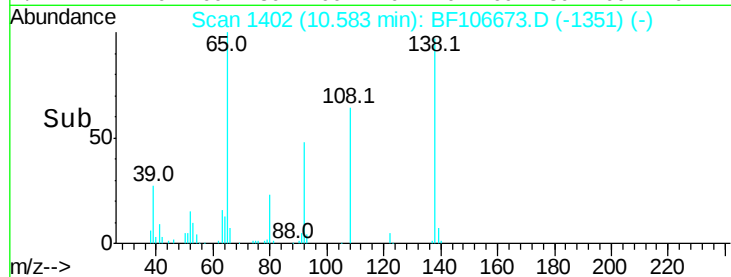
Ion	Ratio	Lower	Upper
138	100		
92	49.4	30.2	70.2
108	69.9	52.5	92.5



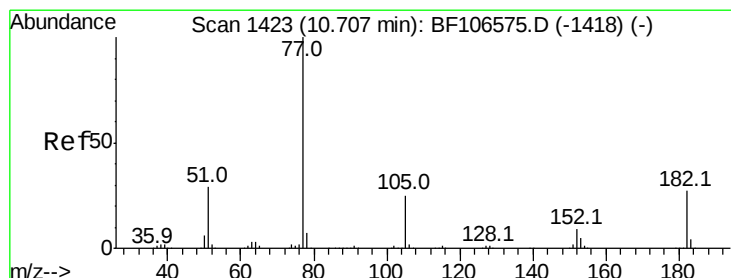
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



Time-->



#62

Azobenzene

Concen: 39.514 ng

RT: 10.70 min Scan# 1422

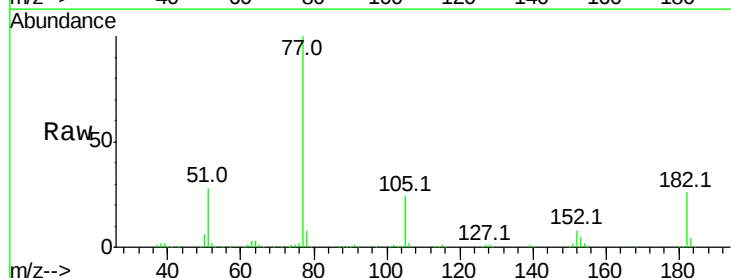
Delta R.T. -0.01 min

Lab File: BF106673.D

Acq: 21 Jun 2018 20:55

Tgt Ion: 77 Resp: 405669

Ion	Ratio	Lower	Upper
77	100		
182	25.7	1.7	41.7
105	23.6	3.0	43.0
51	28.5	9.9	49.9

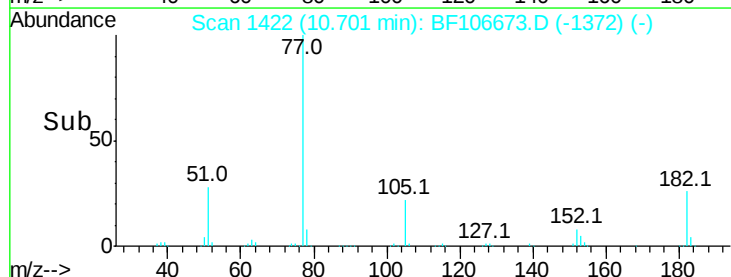


Abundance Ion 77.00 (76.70 to 77.70): BF1

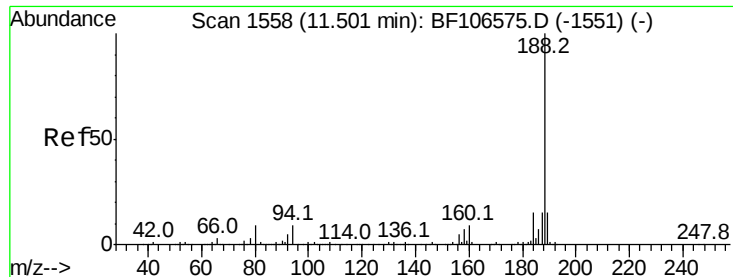
Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



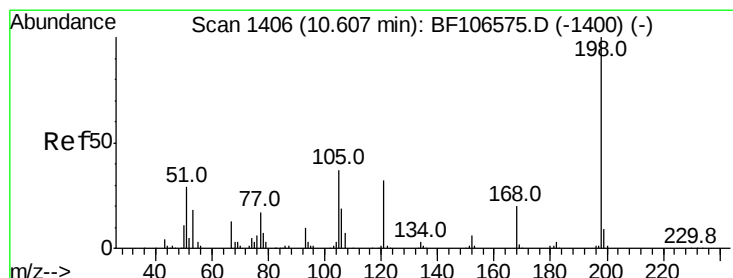
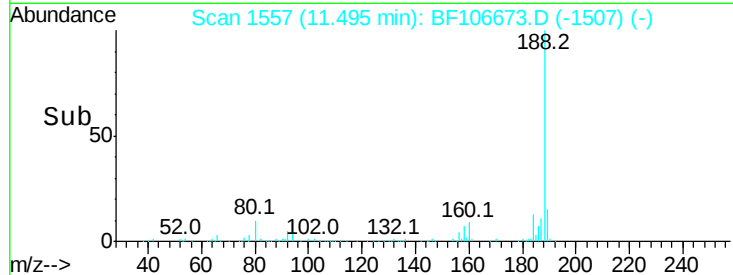
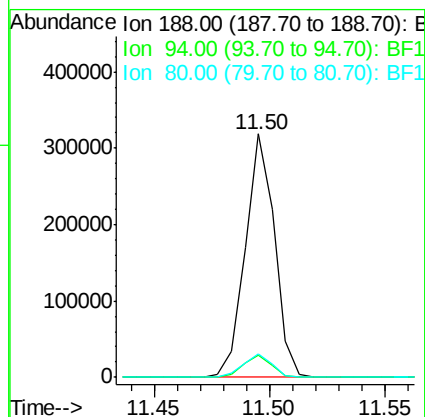
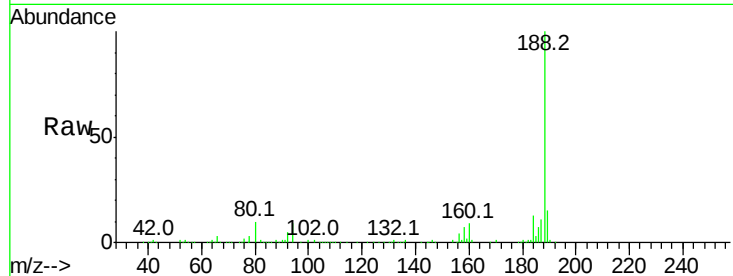
Time-->



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF106673.D
 Acq: 21 Jun 2018 20:55

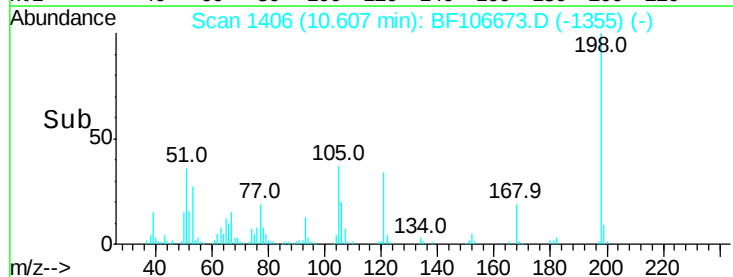
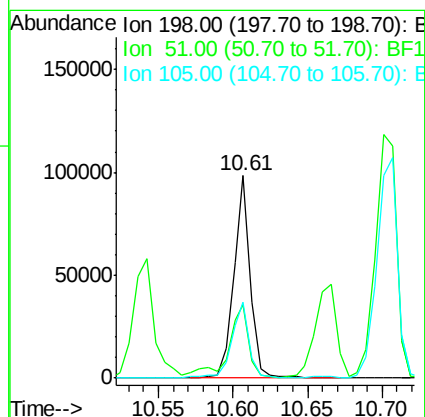
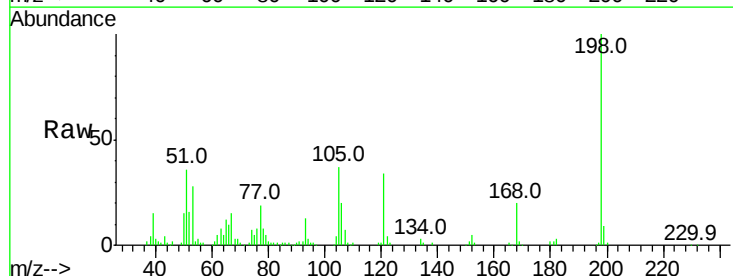
Instrument :
 BNA_F
 ClientSampleId :

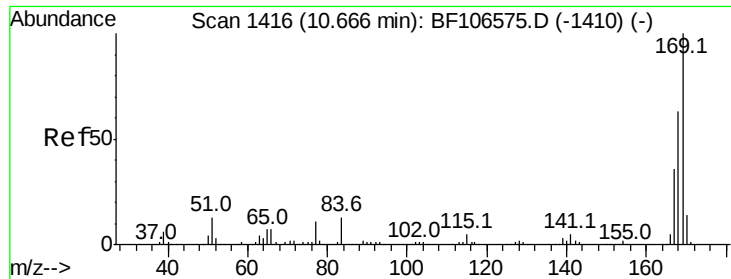
Tot Ion:188 Resp: 281509
 Ion Ratio Lower Upper
 188 100
 94 9.0 8.5 12.7
 80 9.6 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 44.076 ng
 RT: 10.61 min Scan# 1406
 Delta R.T. 0.00 min
 Lab File: BF106673.D
 Acq: 21 Jun 2018 20:55

Tgt Ion:198 Resp: 76699
 Ion Ratio Lower Upper
 198 100
 51 36.0 37.7 77.7#
 105 37.5 36.3 76.3

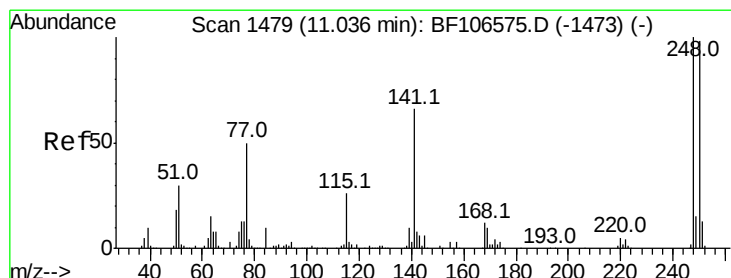
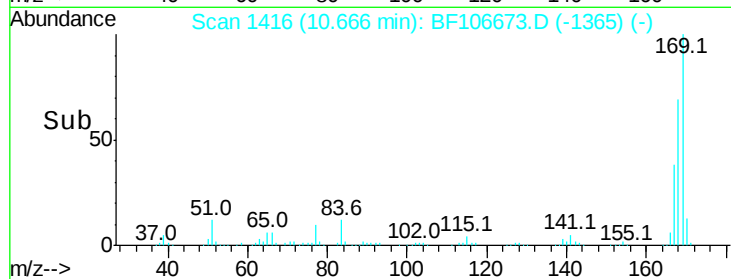
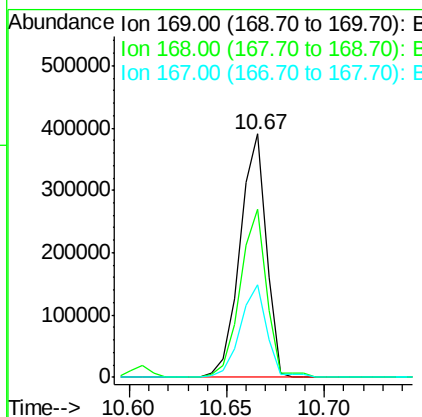
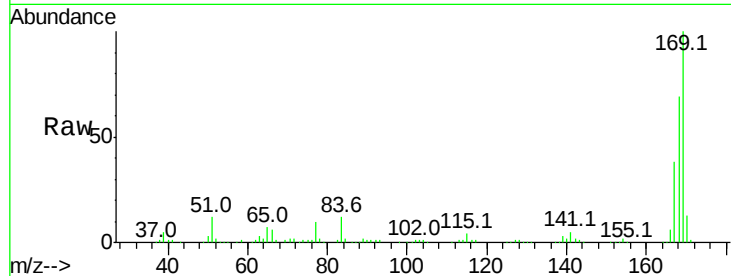




#65
 n-Nitrosodiphenylamine
 Concen: 38.617 ng
 RT: 10.67 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: BF106673.D
 Acq: 21 Jun 2018 20:55

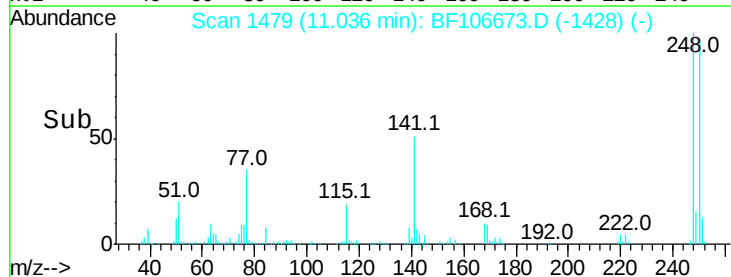
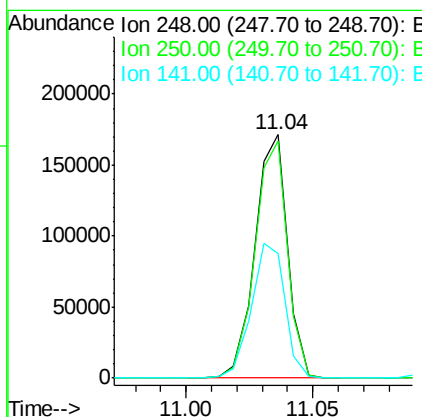
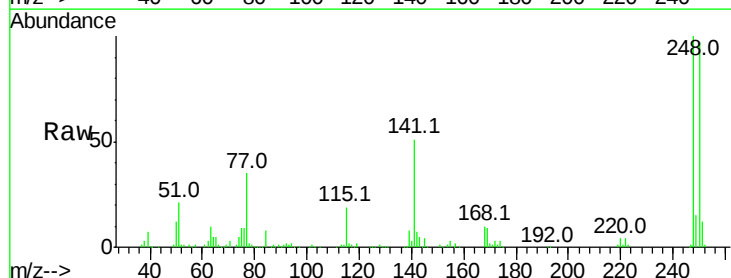
Instrument :
 BNA_F
 ClientSampleId :

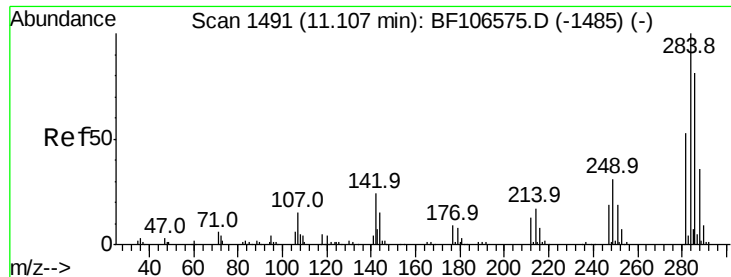
Tot Ion:169 Resp: 365648
 Ion Ratio Lower Upper
 169 100
 168 68.9 54.4 81.6
 167 38.2 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 45.414 ng
 RT: 11.04 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF106673.D
 Acq: 21 Jun 2018 20:55

Tgt Ion:248 Resp: 152577
 Ion Ratio Lower Upper
 248 100
 250 97.4 76.9 115.3
 141 51.0 74.4 111.6#





#67

Hexachlorobenzene

Concen: 44.912 ng

RT: 11.10 min Scan# 1490

Delta R.T. -0.01 min

Lab File: BF106673.D

Acq: 21 Jun 2018 20:55

Instrument :

BNA_F

ClientSampleId :

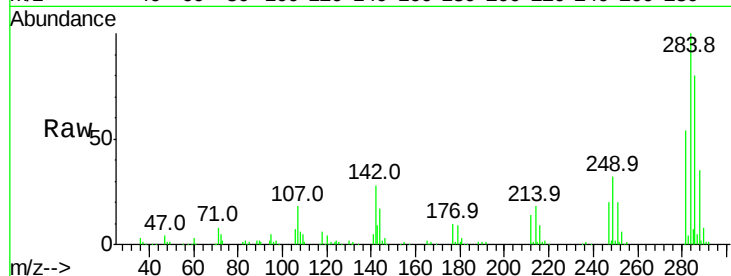
Tot Ion:284 Resp: 157926

Ion Ratio Lower Upper

284 100

142 28.4 34.6 52.0#

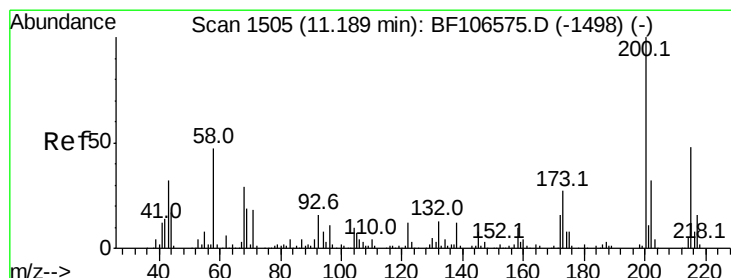
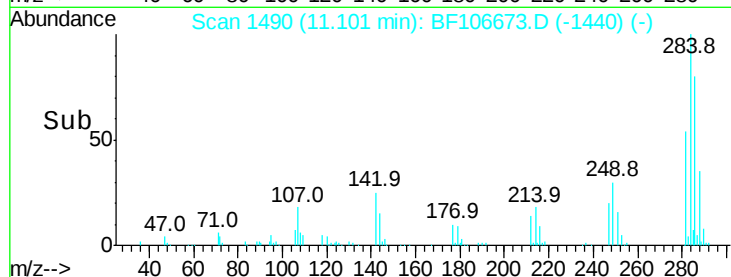
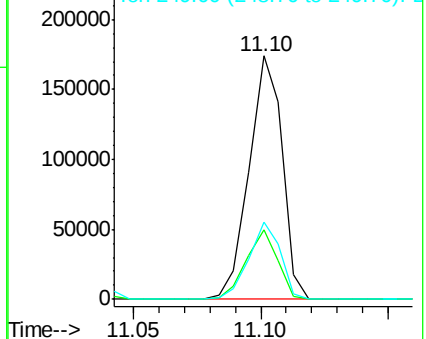
249 31.5 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 45.621 ng

RT: 11.19 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BF106673.D

Acq: 21 Jun 2018 20:55

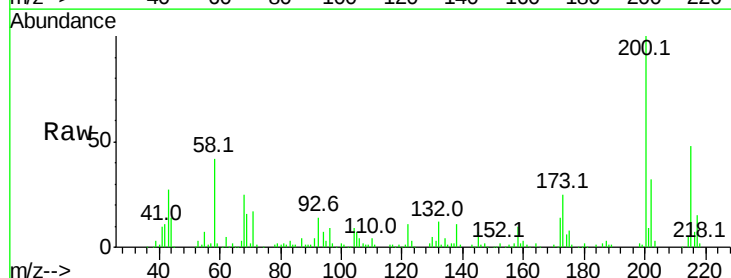
Tgt Ion:200 Resp: 137324

Ion Ratio Lower Upper

200 100

173 24.6 8.6 48.6

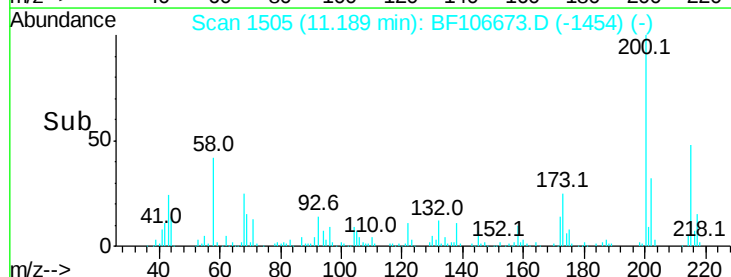
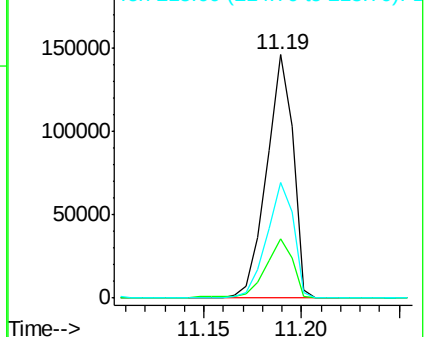
215 47.6 25.1 65.1

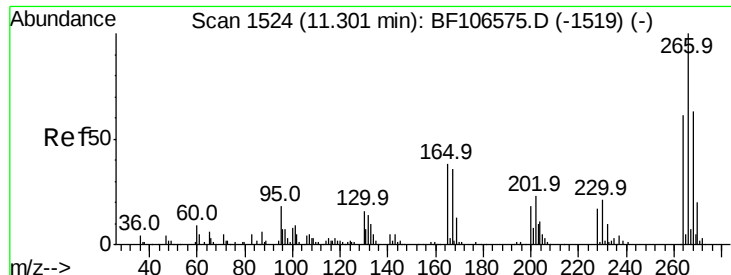


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 72.375 ng

RT: 11.30 min Scan# 1524

Delta R.T. 0.00 min

Lab File: BF106673.D

Acq: 21 Jun 2018 20:55

Instrument :

BNA_F

ClientSampleId :

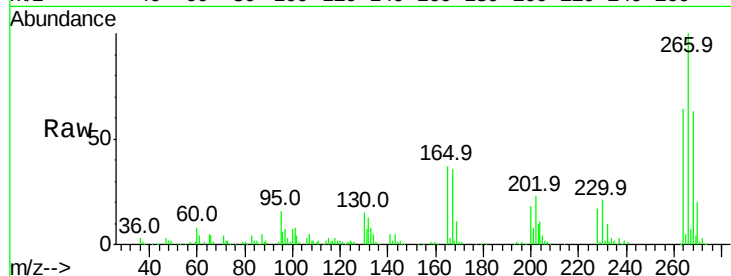
Tot Ion:266 Resp: 126984

Ion Ratio Lower Upper

266 100

268 62.9 51.1 76.7

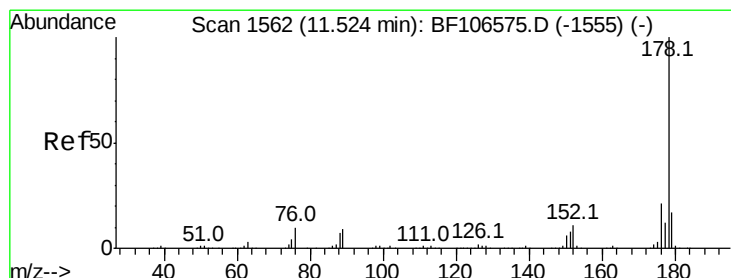
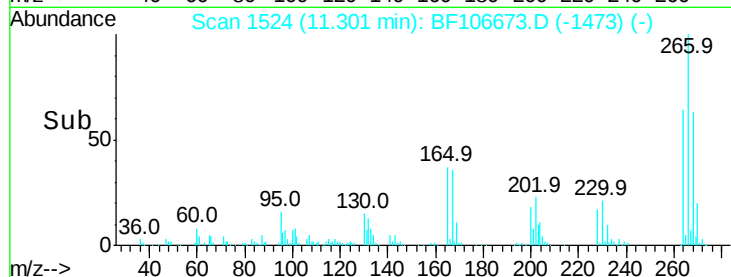
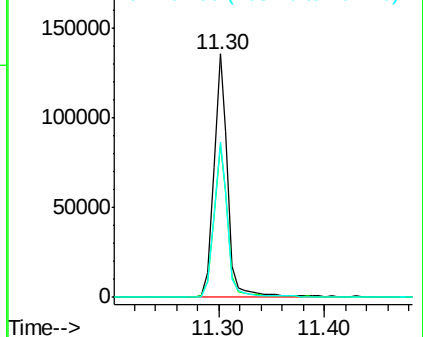
264 64.0 49.5 74.3



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: 44.195 ng

RT: 11.52 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BF106673.D

Acq: 21 Jun 2018 20:55

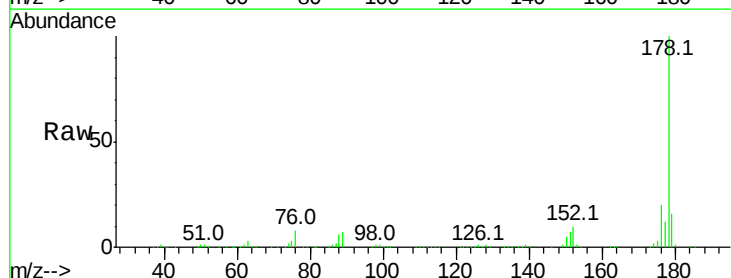
Tgt Ion:178 Resp: 600063

Ion Ratio Lower Upper

178 100

176 20.5 15.8 23.8

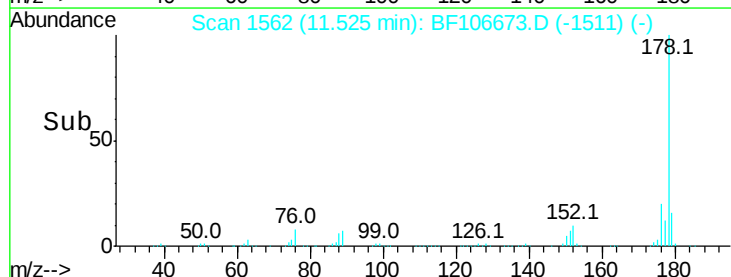
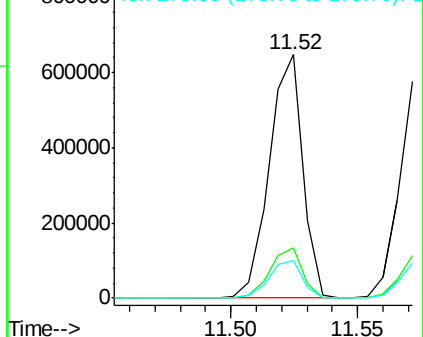
179 15.6 13.0 19.6

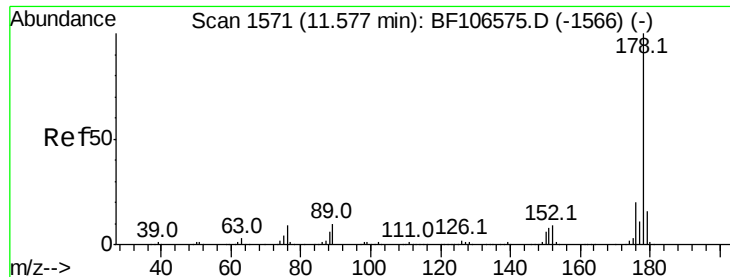


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

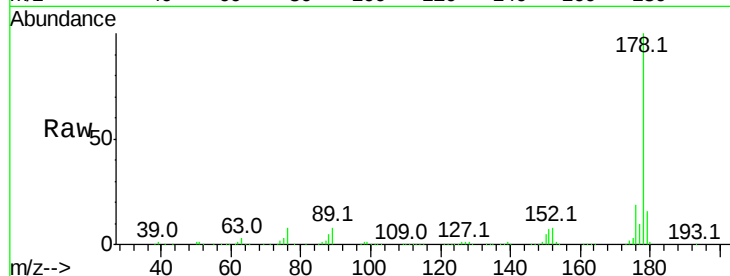




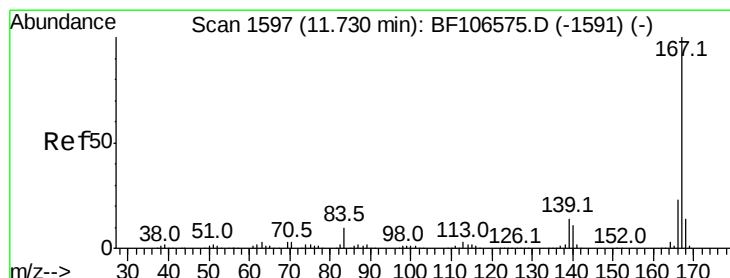
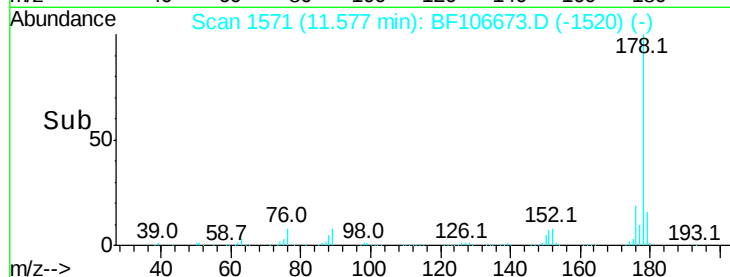
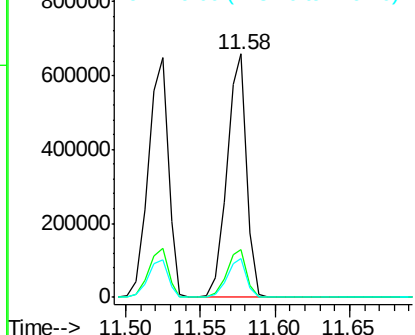
#71
 Anthracene
 Concen: 44.337 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF106673.D
 Acq: 21 Jun 2018 20:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 614457
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.8 12.6 19.0



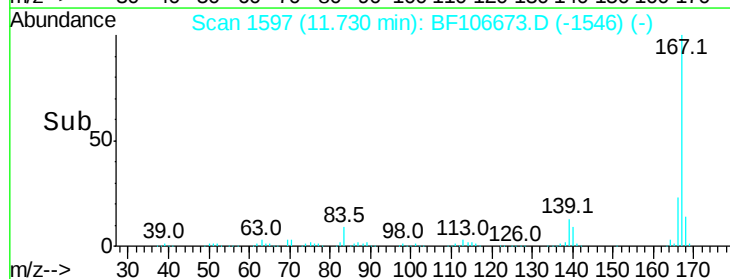
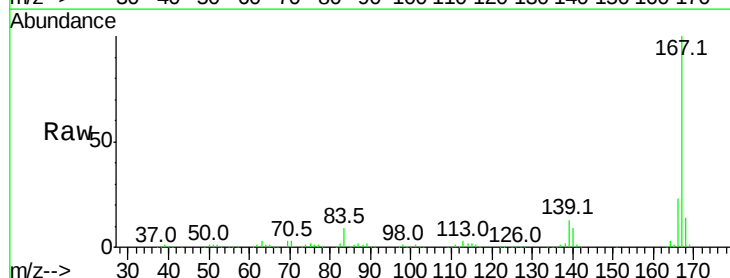
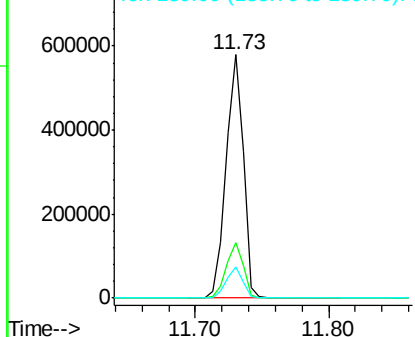
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



#72
 Carbazole
 Concen: 41.128 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF106673.D
 Acq: 21 Jun 2018 20:55

Tgt Ion:167 Resp: 533646
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.6 26.4
 139 12.6 10.9 16.3

Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

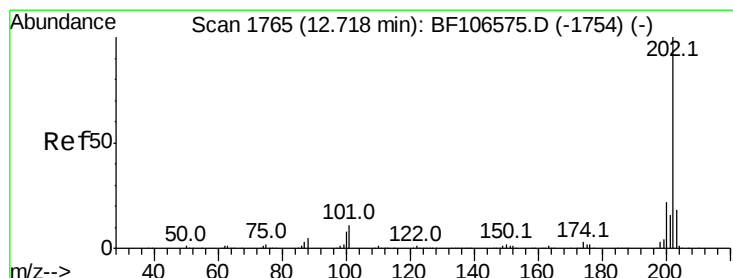
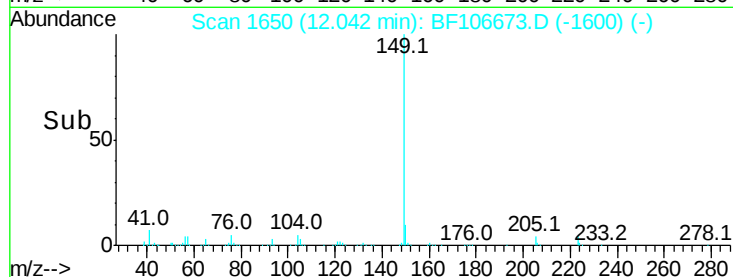
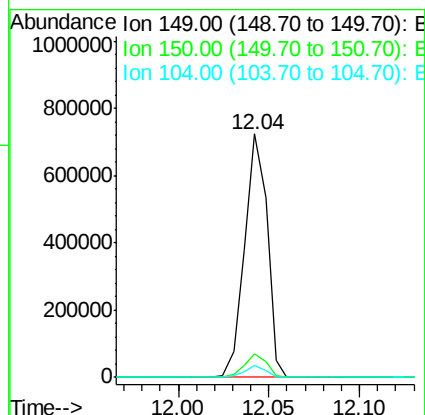
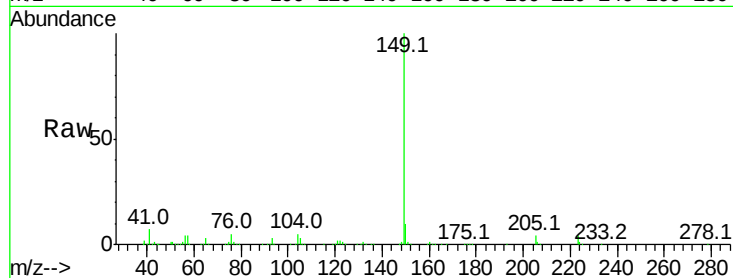




#73
Di-n-butylphthalate
Concen: 41.015 ng
RT: 12.04 min Scan# 1650
Delta R.T. -0.01 min
Lab File: BF106673.D
Acq: 21 Jun 2018 20:55

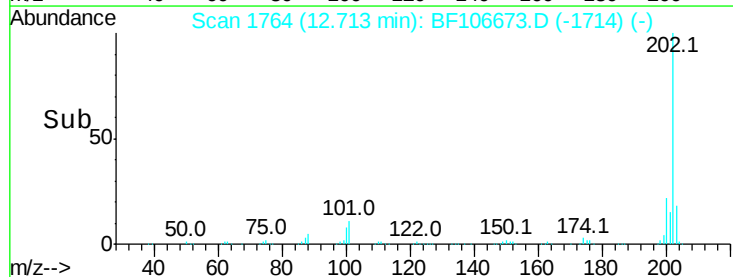
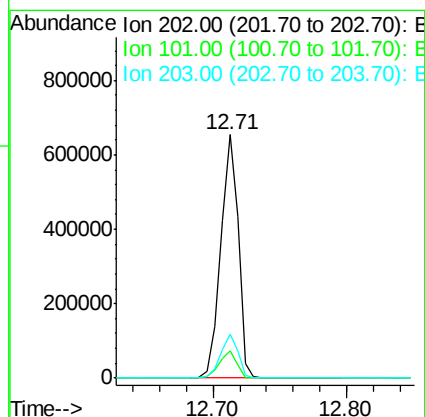
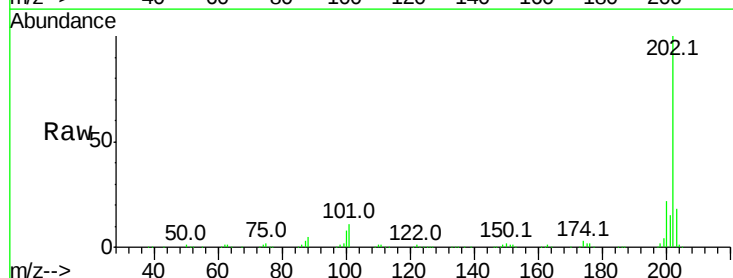
Instrument :
BNA_F
ClientSampleId :

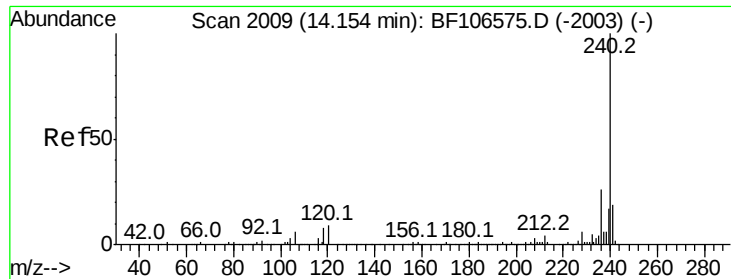
Tot Ion:149 Resp: 626957
Ion Ratio Lower Upper
149 100
150 9.5 7.8 11.6
104 4.9 3.8 5.8



#74
Fluoranthene
Concen: 40.560 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF106673.D
Acq: 21 Jun 2018 20:55

Tgt Ion:202 Resp: 606992
Ion Ratio Lower Upper
202 100
101 11.3 0.0 34.1
203 18.1 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106673.D

Acq: 21 Jun 2018 20:55

Instrument :

BNA_F

ClientSampleId :

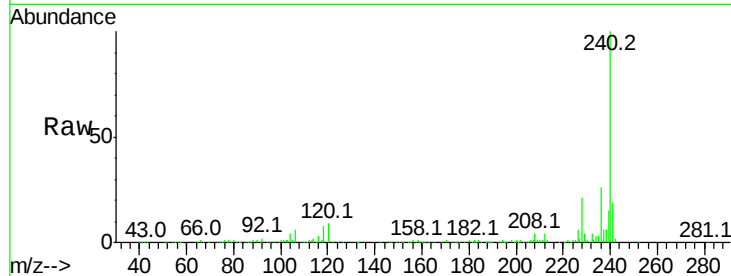
Tot Ion:240 Resp: 181570

Ion Ratio Lower Upper

240 100

120 9.1 9.5 14.3#

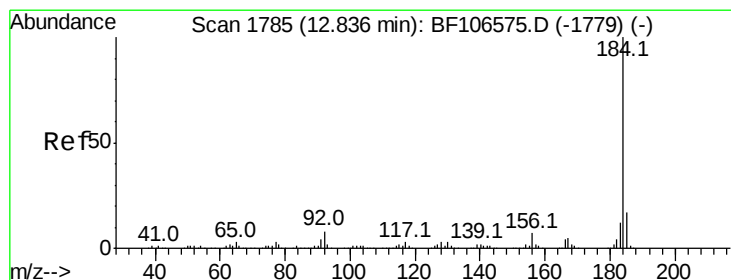
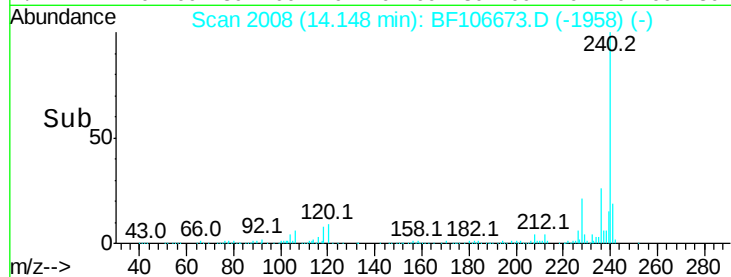
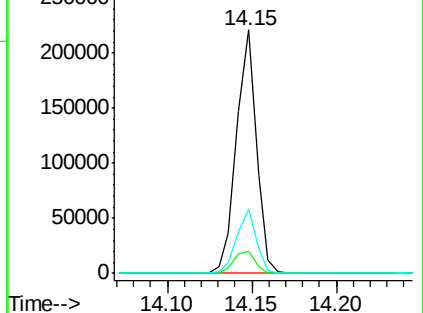
236 26.2 20.7 31.1



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: 3.288 ng

RT: 12.83 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF106673.D

Acq: 21 Jun 2018 20:55

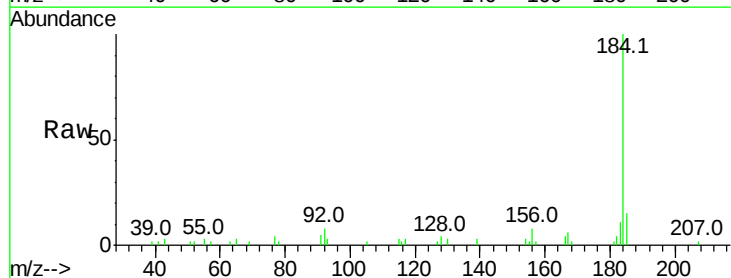
Tgt Ion:184 Resp: 17004

Ion Ratio Lower Upper

184 100

185 15.3 12.6 18.8

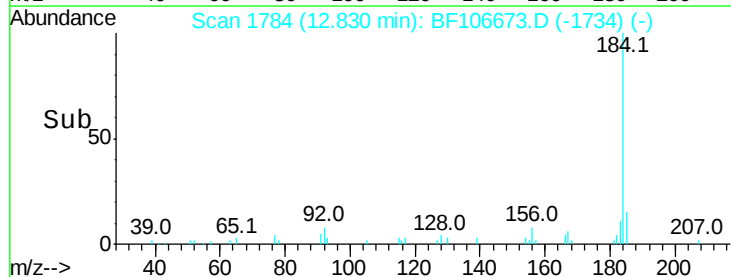
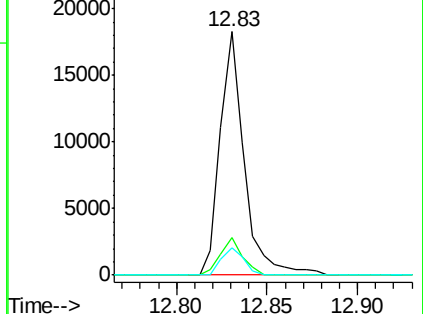
183 11.2 9.3 13.9

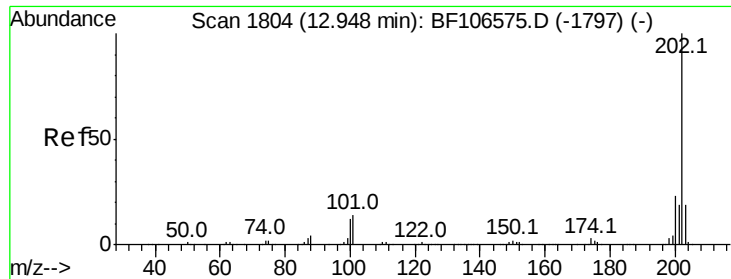


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

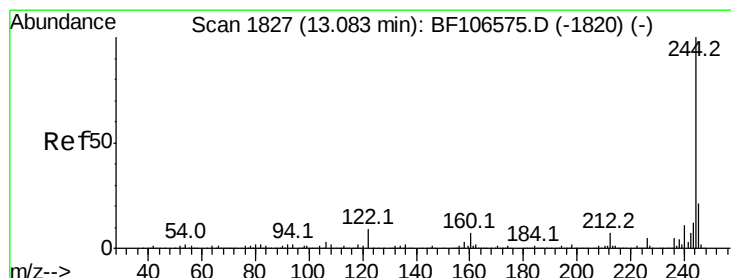
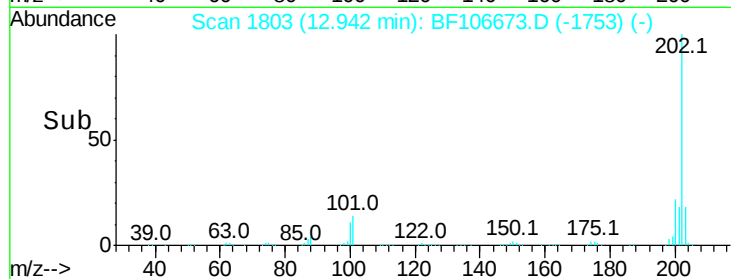
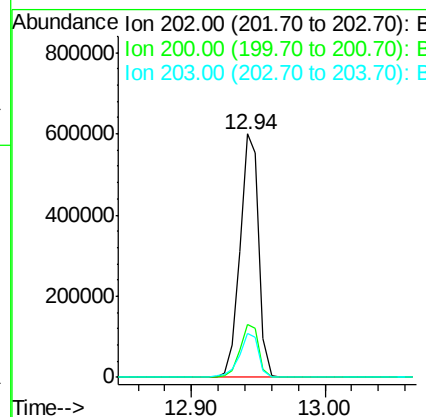
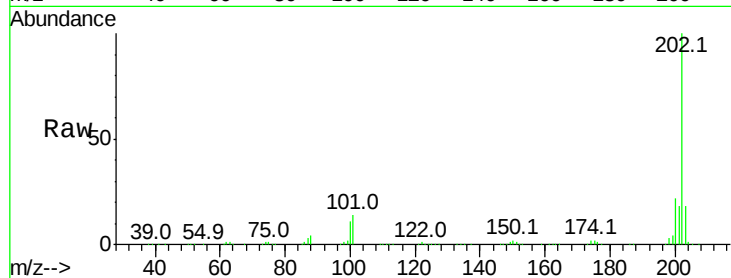




#77
Pvrene
Concen: 49.099 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF106673.D
Acq: 21 Jun 2018 20:55

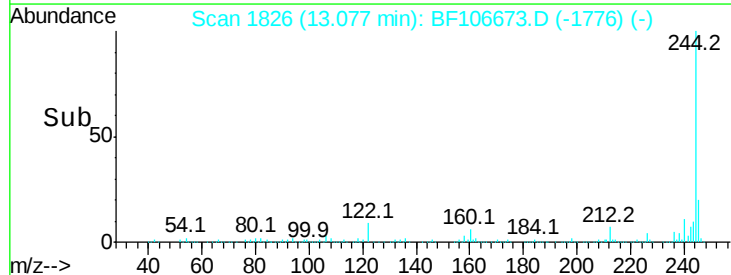
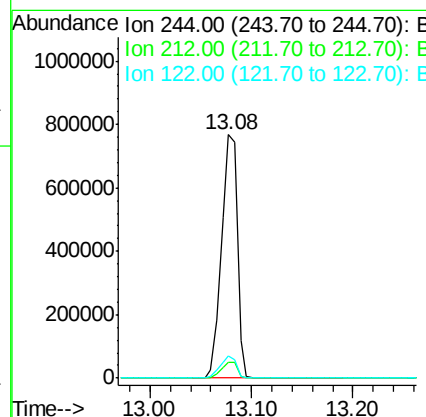
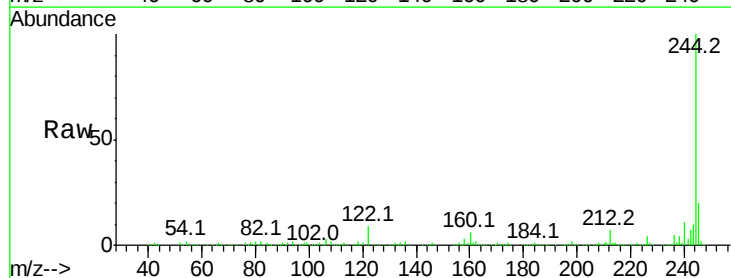
Instrument :
BNA_F
ClientSampleId :

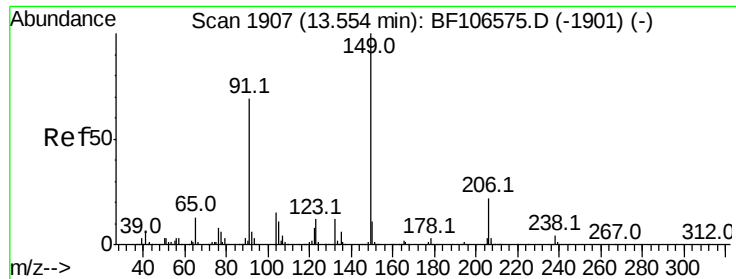
Tot Ion:202 Resp: 587881
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 18.0 14.3 21.5



#78
Terphenyl-d14
Concen: 111.258 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF106673.D
Acq: 21 Jun 2018 20:55

Tgt Ion:244 Resp: 833967
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 9.3 11.0 16.4#

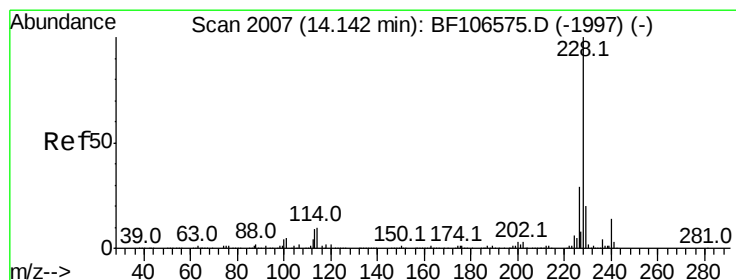
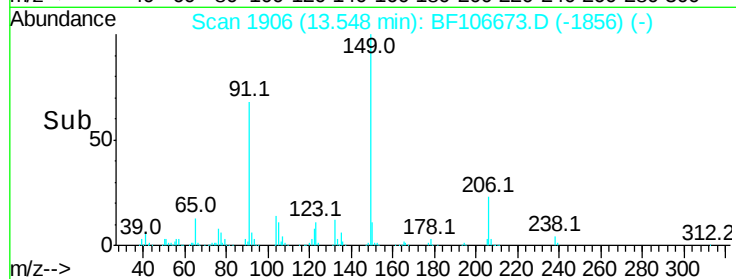
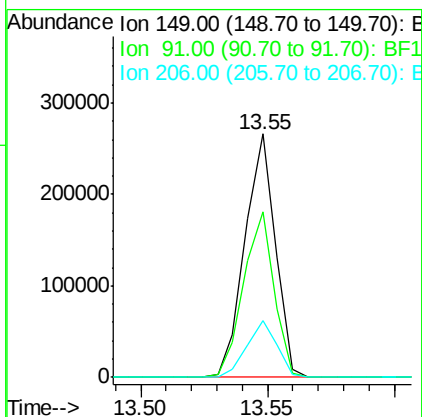
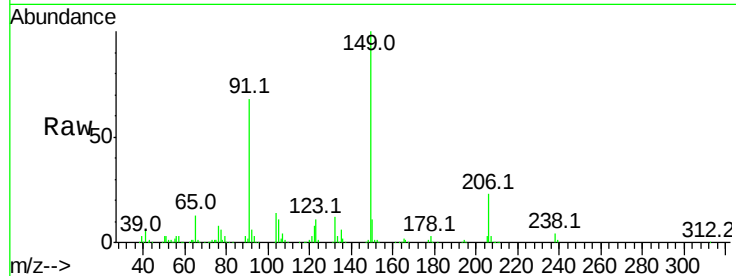




#79
Butylbenzylphthalate
Concen: 45.190 ng
RT: 13.55 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF106673.D
Acq: 21 Jun 2018 20:55

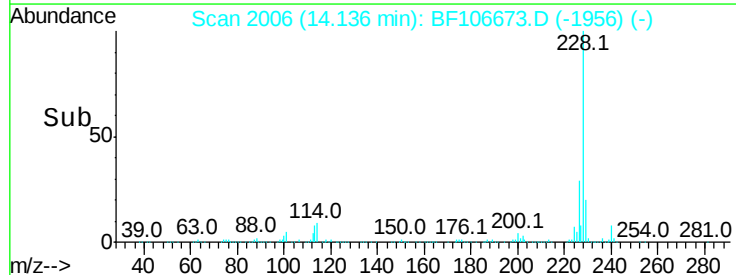
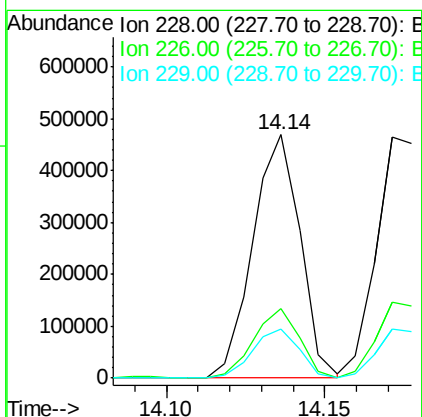
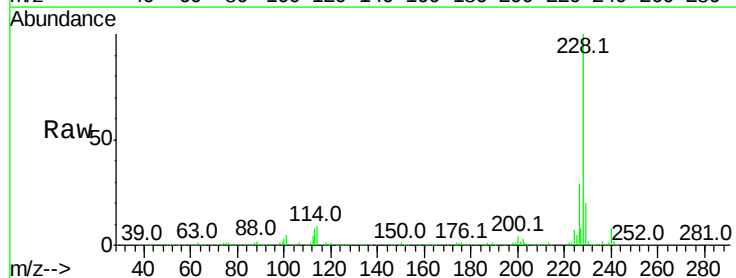
Instrument :
BNA_F
ClientSampleId :

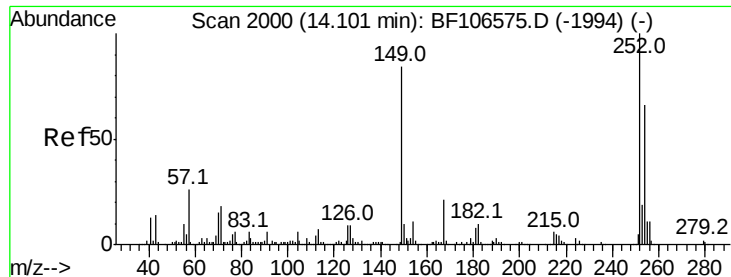
Tot Ion:149 Resp: 222461
Ion Ratio Lower Upper
149 100
91 67.9 56.8 85.2
206 23.2 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 44.008 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF106673.D
Acq: 21 Jun 2018 20:55

Tgt Ion:228 Resp: 486998
Ion Ratio Lower Upper
228 100
226 28.7 22.6 33.8
229 20.0 15.8 23.6

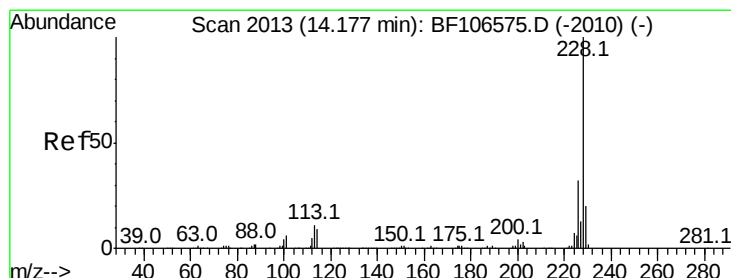
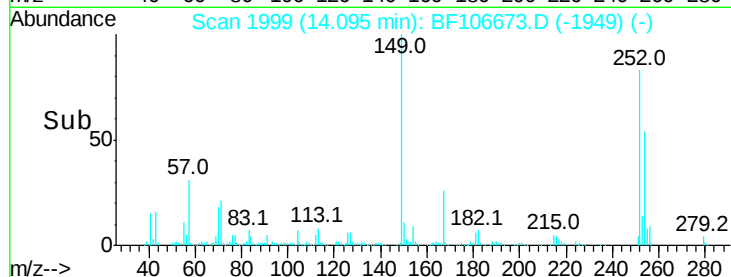
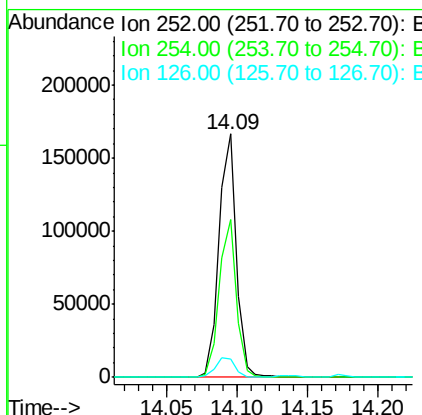
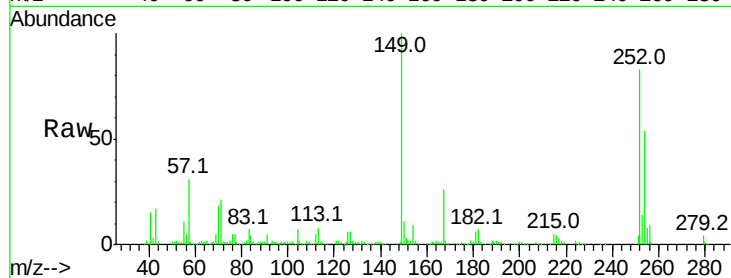




#81
 3,3'-Dichlorobenzidine
 Concen: 36.727 ng
 RT: 14.09 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF106673.D
 Acq: 21 Jun 2018 20:55

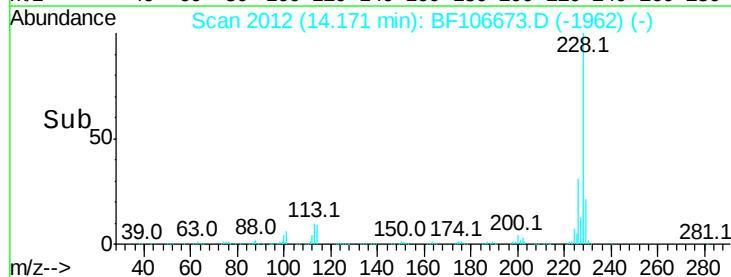
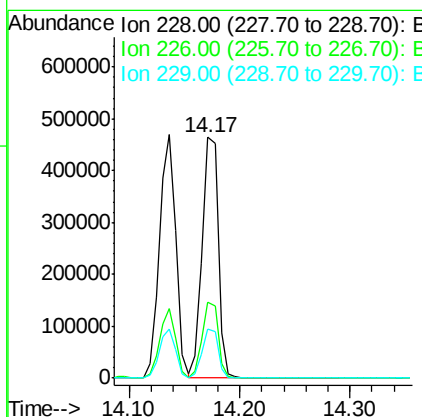
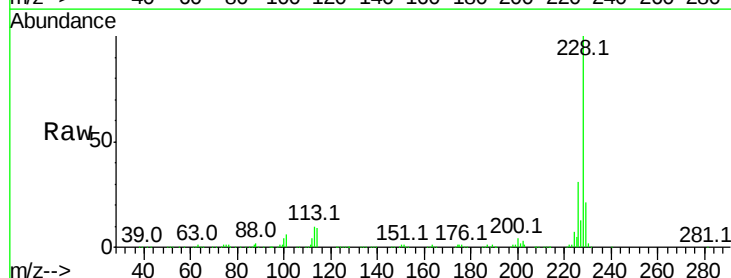
Instrument :
 BNA_F
 ClientSampled :

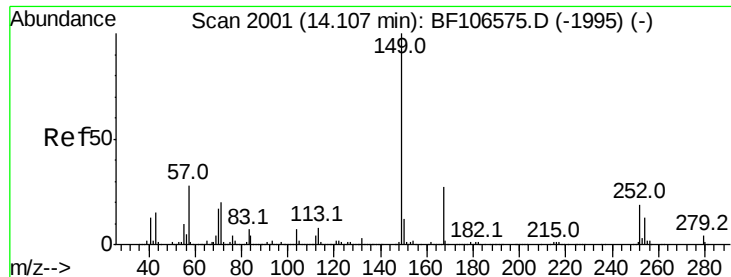
Tot Ion:252 Resp: 142842
 Ion Ratio Lower Upper
 252 100
 254 64.8 50.4 75.6
 126 7.7 11.3 16.9#



#82
 Chrysene
 Concen: 44.771 ng
 RT: 14.17 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF106673.D
 Acq: 21 Jun 2018 20:55

Tgt Ion:228 Resp: 455803
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.0 37.6
 229 20.5 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.029 ng

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF106673.D

Acq: 21 Jun 2018 20:55

Instrument :

BNA_F

ClientSampleId :

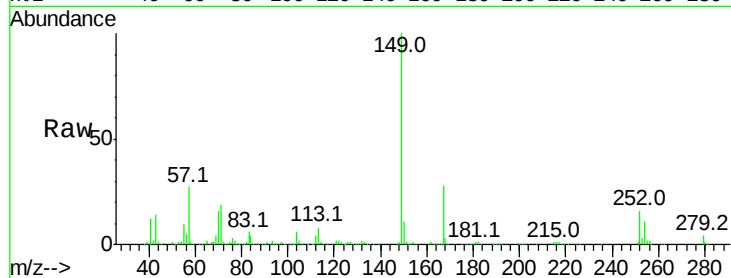
Tot Ion:149 Resp: 283398

Ion Ratio Lower Upper

149 100

167 28.2 21.3 31.9

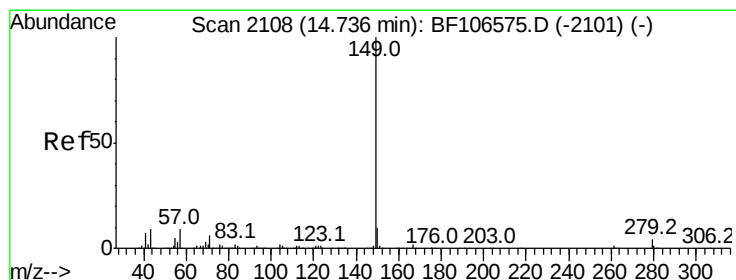
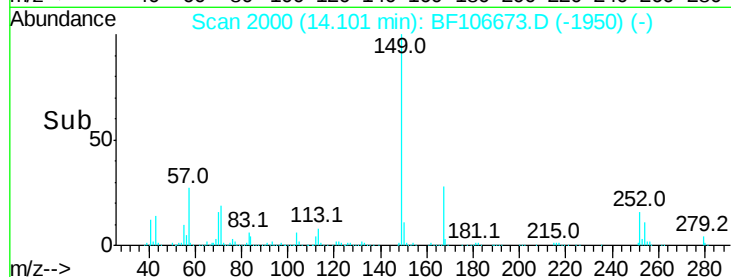
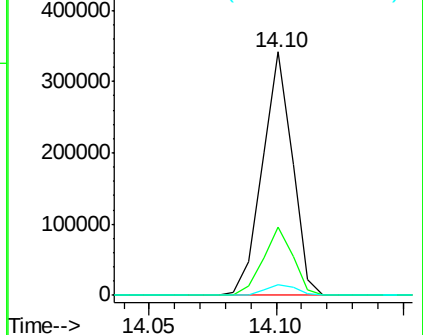
279 4.4 3.0 4.4#



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: 43.059 ng

RT: 14.73 min Scan# 2107

Delta R.T. -0.01 min

Lab File: BF106673.D

Acq: 21 Jun 2018 20:55

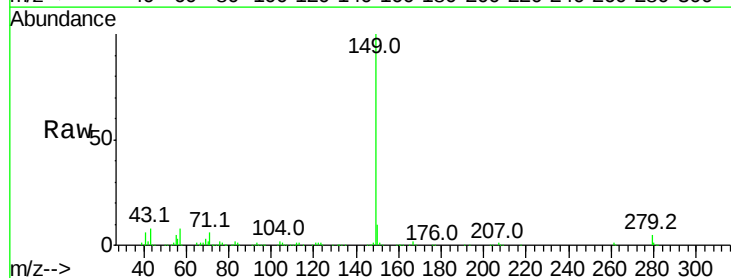
Tgt Ion:149 Resp: 441743

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

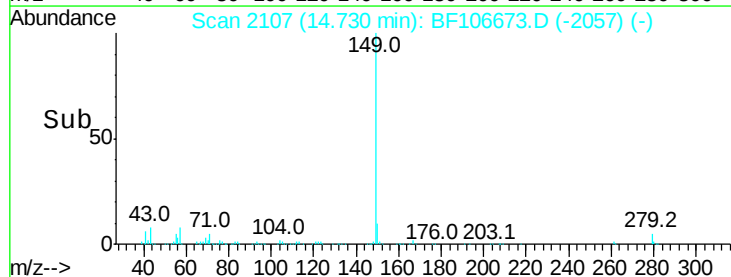
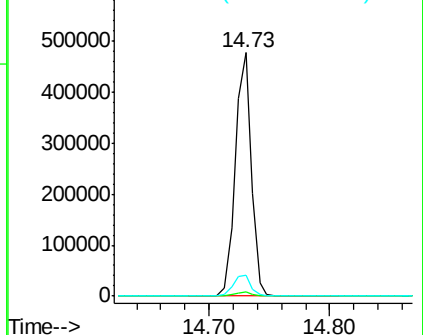
43 9.0 8.4 12.6

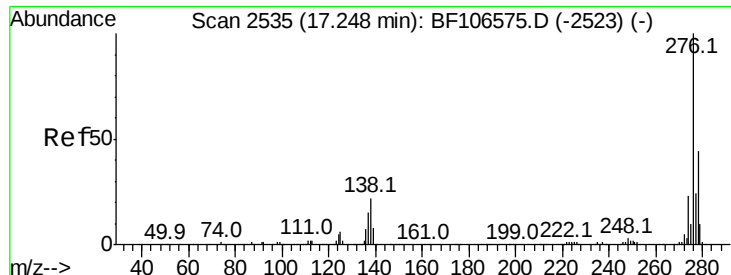


Abundance Ion 149.00 (148.70 to 149.70): E

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: 71.596 ng

RT: 17.25 min Scan# 2536

Delta R.T. 0.01 min

Lab File: BF106673.D

Acq: 21 Jun 2018 20:55

Instrument :

BNA_F

ClientSampleId :

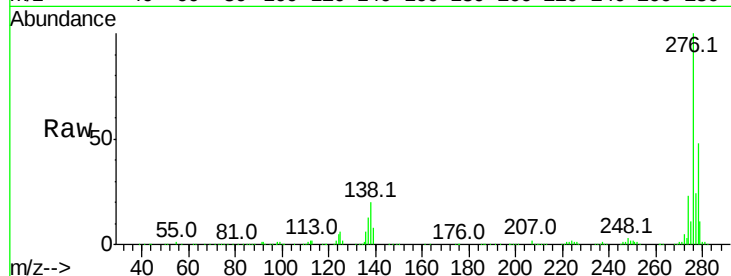
Tot Ion:276 Resp: 618566

Ion Ratio Lower Upper

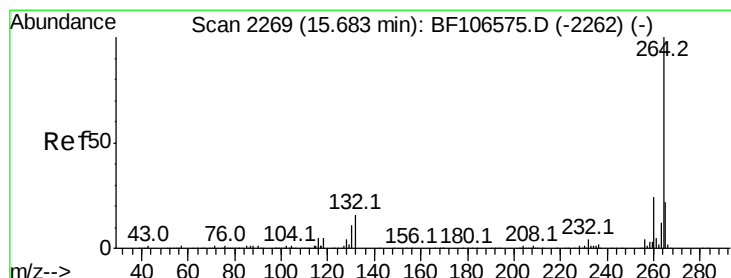
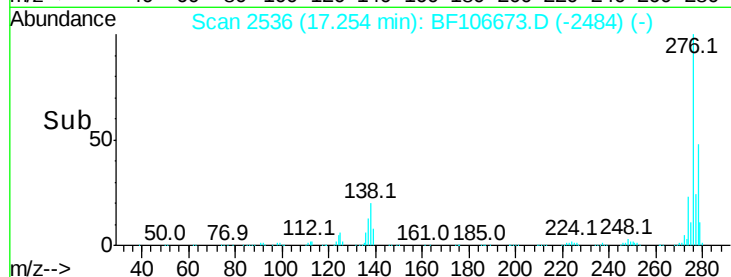
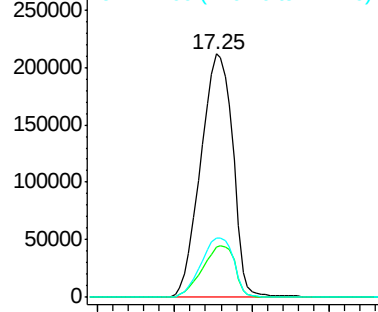
276 100

138 21.6 25.0 37.6#

277 25.1 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# 2268

Delta R.T. -0.01 min

Lab File: BF106673.D

Acq: 21 Jun 2018 20:55

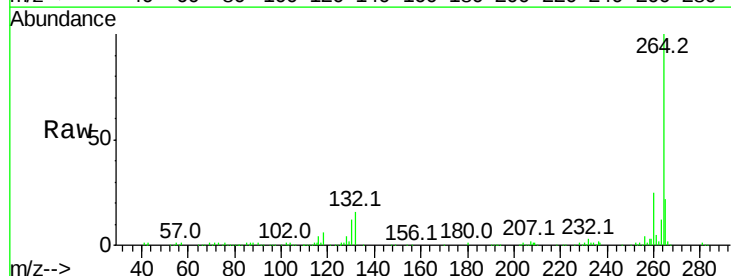
Tgt Ion:264 Resp: 202006

Ion Ratio Lower Upper

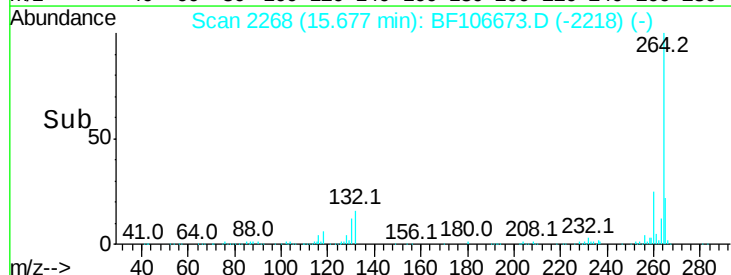
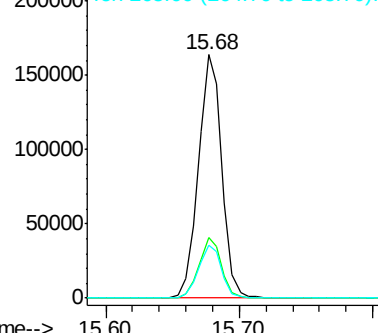
264 100

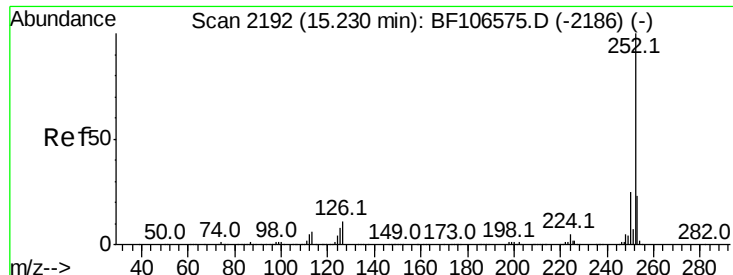
260 24.9 19.2 28.8

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

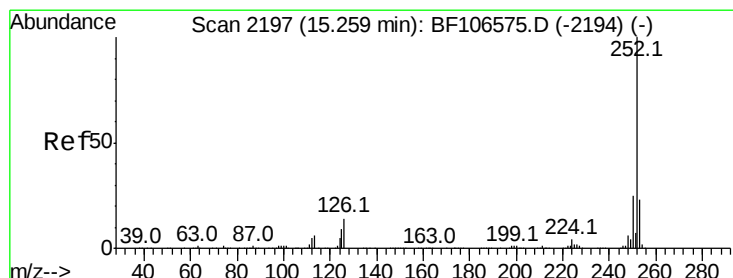
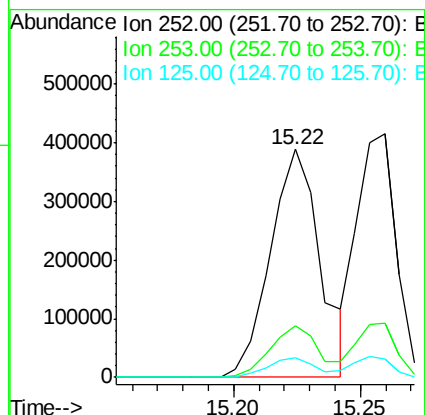
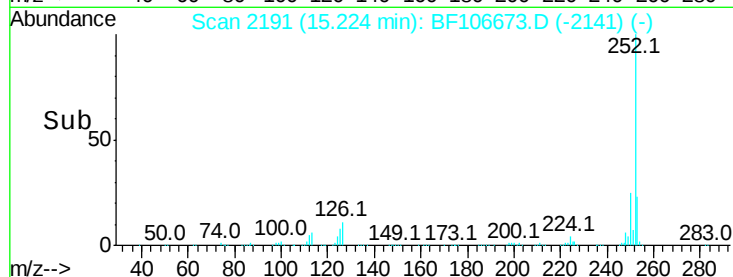
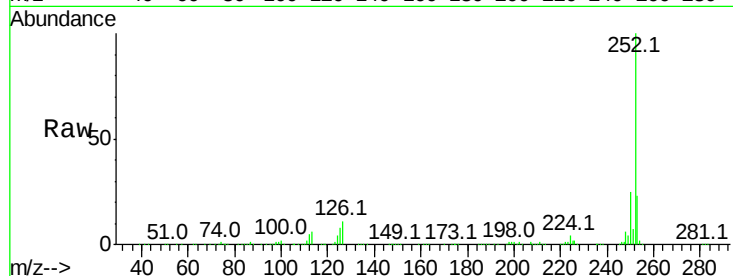




#87
Benzo(b)fluoranthene
Concen: 42.190 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF106673.D
Acq: 21 Jun 2018 20:55

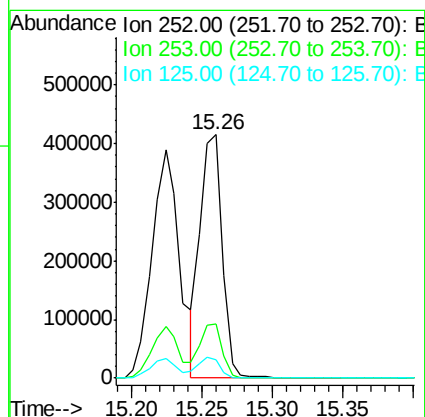
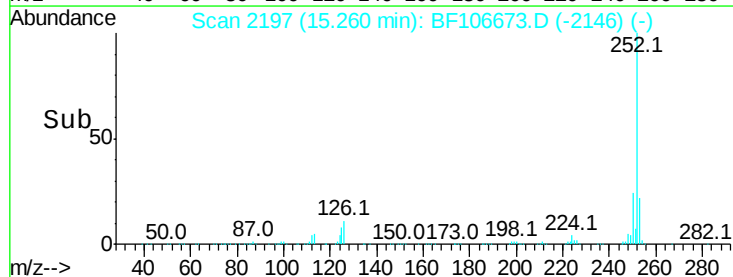
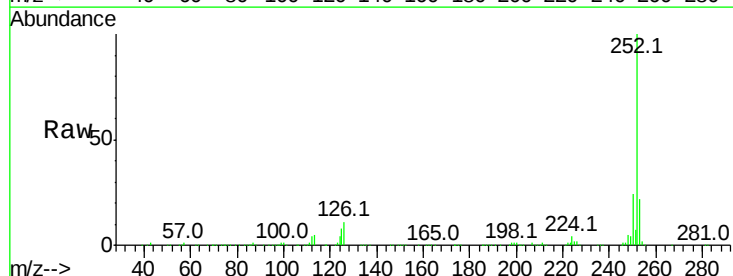
Instrument :
BNA_F
ClientSampled :

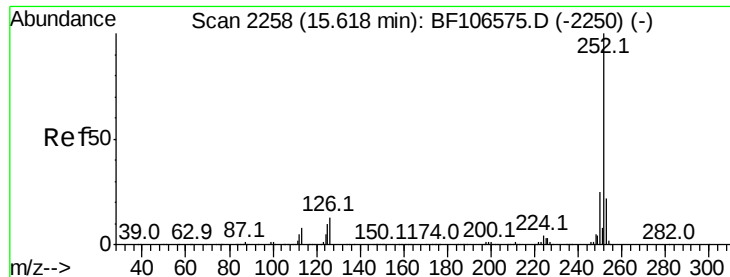
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	8.5	9.0	13.6#



#88
Benzo(k)fluoranthene
Concen: 37.726 ng
RT: 15.26 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BF106673.D
Acq: 21 Jun 2018 20:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	7.8	10.2	15.2#





#89

Benzo(a)pyrene

Concen: 45.603 ng

RT: 15.62 min Scan# 2258

Delta R.T. 0.00 min

Lab File: BF106673.D

Acq: 21 Jun 2018 20:55

Instrument :

BNA_F

ClientSampleId :

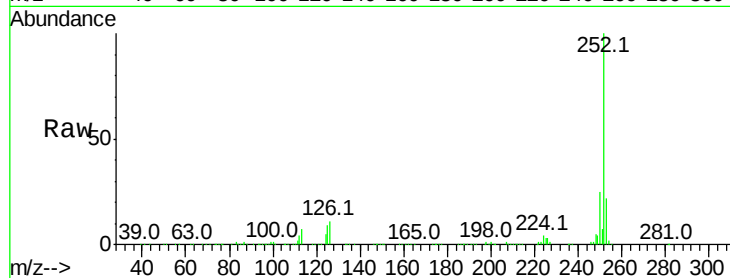
Tot Ion:252 Resp: 508716

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

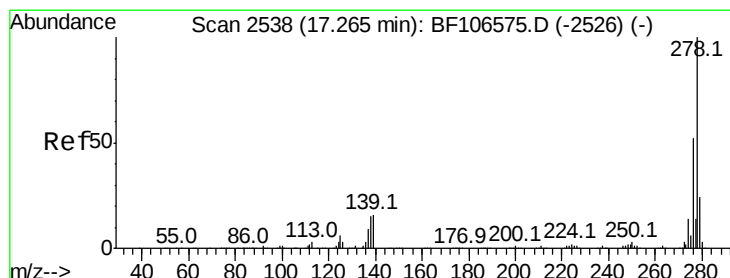
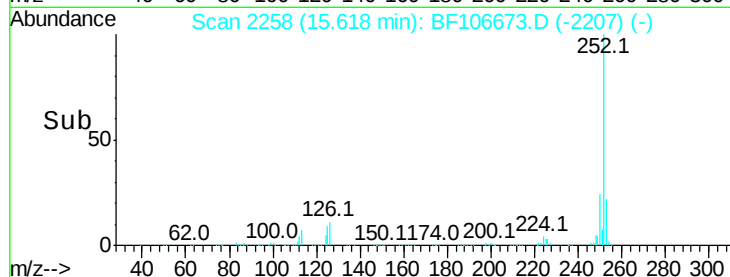
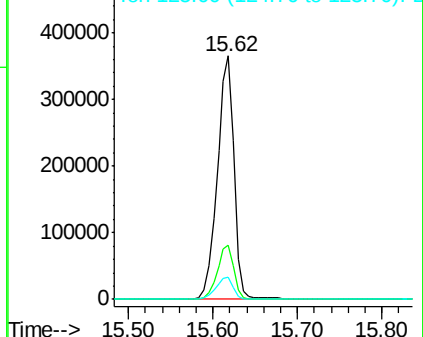
125 8.9 9.8 14.6#



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: 53.709 ng

RT: 17.27 min Scan# 2539

Delta R.T. 0.01 min

Lab File: BF106673.D

Acq: 21 Jun 2018 20:55

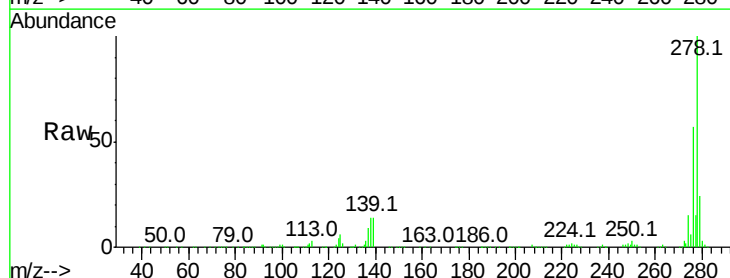
Tgt Ion:278 Resp: 507763

Ion Ratio Lower Upper

278 100

139 13.8 15.9 23.9#

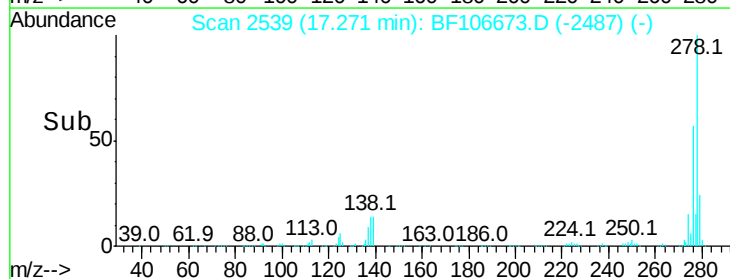
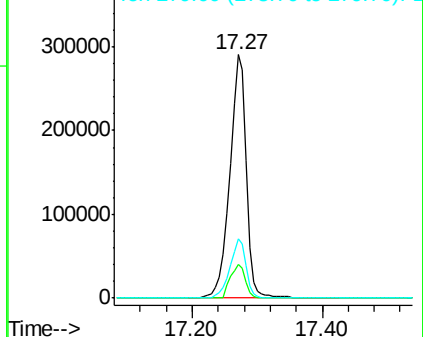
279 24.4 19.0 28.4

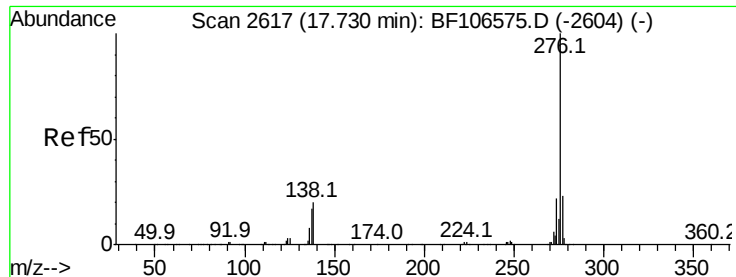


Abundance Ion 278.00 (277.70 to 278.70): E

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: 56.683 ng
 RT: 17.74 min Scan# 2618
 Delta R.T. 0.01 min
 Lab File: BF106673.D
 Acq: 21 Jun 2018 20:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	19.3	21.8	32.8

