

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070518\
 Data File : BF107119.D
 Acq On : 5 Jul 2018 11:46
 Operator : JU/SJ
 Sample : PB110604BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110604BS

Quant Time: Jul 05 12:18:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	76344	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	309963	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	170806	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	360207	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	320364	20.00	ng	-0.02
86) Perylene-d12	15.68	264	247701	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	474936	105.34	ng	0.00
7) Phenol-d6	6.60	99	604888	107.43	ng	-0.01
23) Nitrobenzene-d5	7.52	82	398174	71.39	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	230714	116.54	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	772226	74.75	ng	-0.02
78) Terphenyl-d14	13.07	244	1014500	76.71	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.86	88	64552	27.849	ng	96
3) Pyridine	3.64	79	196605	31.275	ng	98
4) n-Nitrosodimethylamine	3.61	42	82433	30.874	ng	86
6) Aniline	6.62	93	175902	23.032	ng	# 45
8) 2-Chlorophenol	6.75	128	185173	37.446	ng	95
9) Benzaldehyde	6.51	77	99538	23.155	ng	95
10) Phenol	6.61	94	222404	34.613	ng	80
11) bis(2-Chloroethyl)ether	6.68	93	185917	35.048	ng	99
12) 1,3-Dichlorobenzene	6.89	146	214294	37.000	ng	97
13) 1,4-Dichlorobenzene	6.97	146	215452	36.795	ng	98
14) 1,2-Dichlorobenzene	7.12	146	197756	36.851	ng	98
15) Benzyl Alcohol	7.10	79	155599	34.418	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	255514	36.713	ng	49
17) 2-Methylphenol	7.21	107	159555	37.704	ng	# 90
18) Hexachloroethane	7.45	117	74676	36.266	ng	90
19) n-Nitroso-di-n-propylamine	7.36	70	128960	34.748	ng	92
20) 3+4-Methylphenols	7.37	107	198585	42.906	ng	# 82
22) Acetophenone	7.36	105	256637	37.008	ng	# 97
24) Nitrobenzene	7.54	77	202062	35.484	ng	100
25) Isophorone	7.77	82	381673	38.834	ng	99
26) 2-Nitrophenol	7.85	139	109046	40.565	ng	99
27) 2,4-Dimethylphenol	7.89	122	178132	42.872	ng	99
28) bis(2-Chloroethoxy)methane	7.97	93	239860	36.348	ng	98
29) 2,4-Dichlorophenol	8.10	162	178546	41.045	ng	96
30) 1,2,4-Trichlorobenzene	8.17	180	193639	40.409	ng	96
31) Naphthalene	8.25	128	544726	37.589	ng	99
32) Benzoic acid	8.03	122	88874	31.626	ng	95
33) 4-Chloroaniline	8.31	127	92809	15.263	ng	99
34) Hexachlorobutadiene	8.36	225	126015	40.358	ng	99
35) Caprolactam	8.69	113	28134	19.841	ng	100
36) 4-Chloro-3-methylphenol	8.81	107	184393	40.272	ng	94
37) 2-Methylnaphthalene	8.95	142	411433	42.833	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	216867	37.702	ng	# 96
40) Hexachlorocyclopentadiene	9.09	237	133135	44.986	ng	99

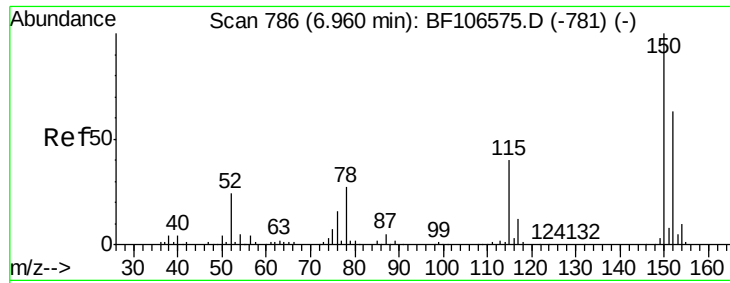
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070518\
 Data File : BF107119.D
 Acq On : 5 Jul 2018 11:46
 Operator : JU/SJ
 Sample : PB110604BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110604BS

Quant Time: Jul 05 12:18:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	125891	32.925	ng	92
43) 2,4,5-Trichlorophenol	9.28	196	126272	31.649	ng	# 85
45) 1,1'-Biphenyl	9.41	154	498411	36.614	ng	97
46) 2-Chloronaphthalene	9.44	162	366662	34.220	ng	94
47) 2-Nitroaniline	9.54	65	118411	32.864	ng	93
48) Acenaphthylene	9.86	152	574963	33.988	ng	99
49) Dimethylphthalate	9.71	163	445534	34.778	ng	99
50) 2,6-Dinitrotoluene	9.78	165	104839	38.647	ng	90
51) Acenaphthene	10.03	154	350375	32.891	ng	98
52) 3-Nitroaniline	9.95	138	66882	21.426	ng	98
53) 2,4-Dinitrophenol	10.08	184	90838	65.449	ng	# 15
54) Dibenzofuran	10.20	168	528158	36.208	ng	98
55) 4-Nitrophenol	10.14	139	83027	38.105	ng	95
56) 2,4-Dinitrotoluene	10.20	165	133340	37.658	ng	# 94
57) Fluorene	10.55	166	432810	37.392	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	114408	36.073	ng	# 76
59) Diethylphthalate	10.41	149	426177	34.468	ng	# 94
60) 4-Chlorophenyl-phenylether	10.53	204	223022	36.824	ng	# 86
61) 4-Nitroaniline	10.58	138	113691	36.698	ng	94
62) Azobenzene	10.70	77	407711	33.485	ng	90
64) 4,6-Dinitro-2-methylphenol	10.61	198	79569	35.736	ng	# 66
65) n-Nitrosodiphenylamine	10.65	169	383736	31.673	ng	99
66) 4-Bromophenyl-phenylether	11.02	248	159090	37.007	ng	# 78
67) Hexachlorobenzene	11.10	284	172582	38.357	ng	# 83
68) Atrazine	11.18	200	146646	38.074	ng	93
69) Pentachlorophenol	11.30	266	90180	40.169	ng	98
70) Phenanthrene	11.51	178	654335	37.663	ng	99
71) Anthracene	11.57	178	682250	38.473	ng	100
72) Carbazole	11.72	167	617406	37.187	ng	98
73) Di-n-butylphthalate	12.03	149	688005	35.175	ng	100
74) Fluoranthene	12.71	202	758091	39.589	ng	96
76) Benzidine	12.82	184	275794	30.228	ng	97
77) Pyrene	12.94	202	763561	36.144	ng	99
79) Butylbenzylphthalate	13.54	149	305604	35.184	ng	# 94
80) Benzo(a)anthracene	14.14	228	735265	37.657	ng	99
81) 3,3'-Dichlorobenzidine	14.09	252	116076	16.915	ng	# 95
82) Chrysene	14.17	228	672151	37.418	ng	100
83) Bis(2-ethylhexyl)phthalate	14.08	149	377303	33.977	ng	# 98
84) Di-n-octyl phthalate	14.71	149	614856	33.968	ng	95
85) Indeno(1,2,3-cd)pyrene	17.27	276	543575	35.658	ng	# 89
87) Benzo(b)fluoranthene	15.22	252	605731	39.366	ng	# 96
88) Benzo(k)fluoranthene	15.25	252	564406	38.518	ng	# 95
89) Benzo(a)pyrene	15.61	252	542990	39.696	ng	# 97
90) Dibenzo(a,h)anthracene	17.28	278	441864	38.116	ng	# 93
91) Benzo(g,h,i)perylene	17.75	276	474506	41.878	ng	# 90

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

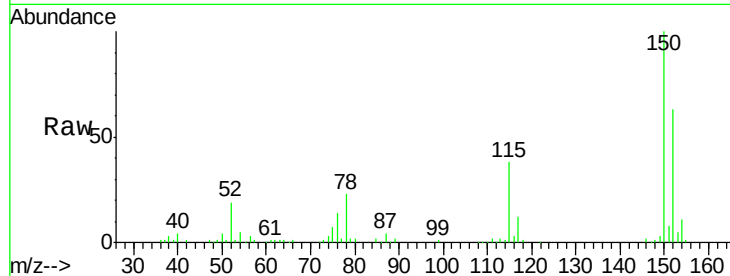


#1

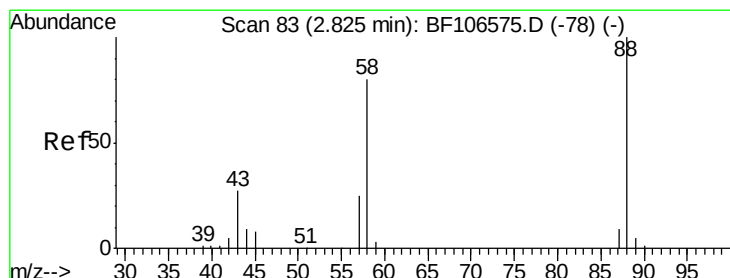
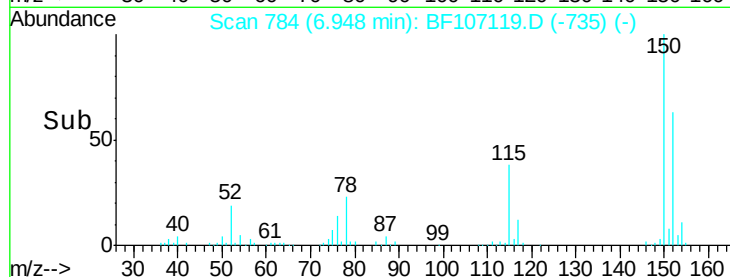
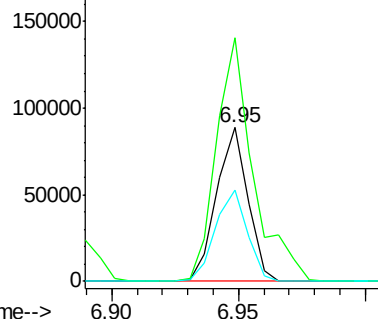
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Instrument :
BNA_F
ClientSampleId :
PB110604BS

Tgt Ion:152 Resp: 76344
Ion Ratio Lower Upper
152 100
150 158.3 124.6 186.8
115 59.6 50.1 75.1



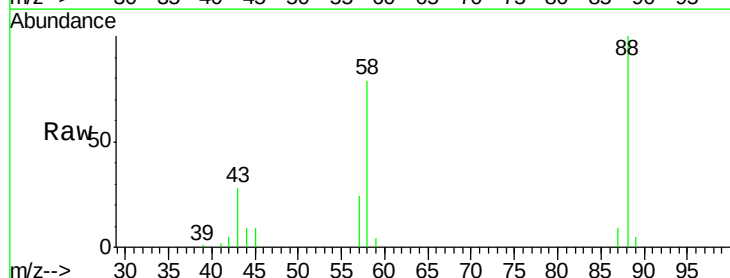
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



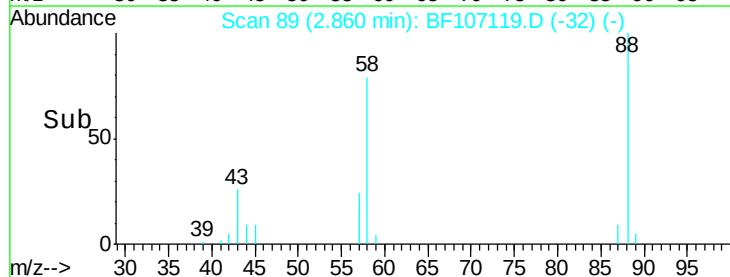
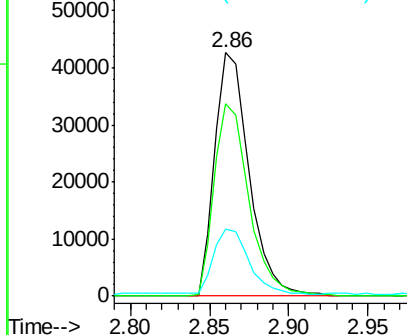
#2

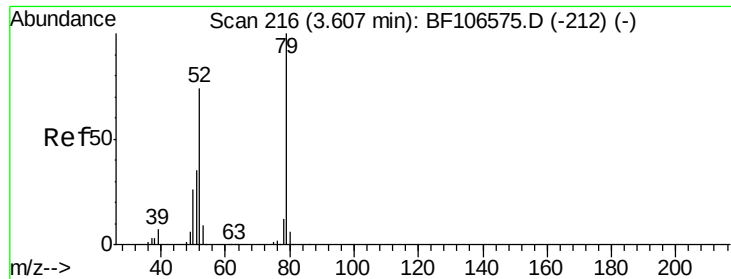
1,4-Dioxane
Concen: 27.849 ng
RT: 2.86 min Scan# 89
Delta R.T. 0.04 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Tgt Ion: 88 Resp: 64552
Ion Ratio Lower Upper
88 100
58 80.1 62.6 93.8
43 27.0 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

Pyridine

Concen: 31.275 ng

RT: 3.64 min Scan# 222

Delta R.T. 0.04 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

Instrument :

BNA_F

ClientSampleId :

PB110604BS

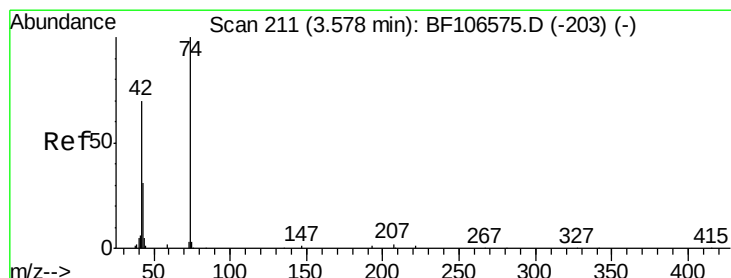
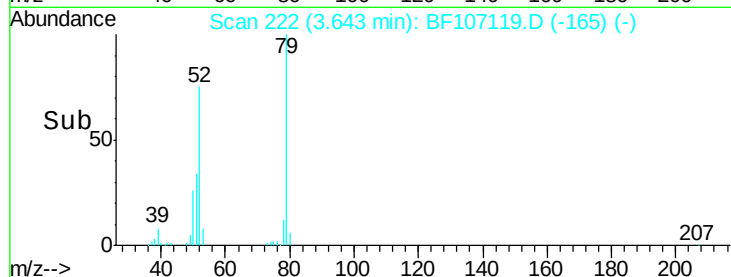
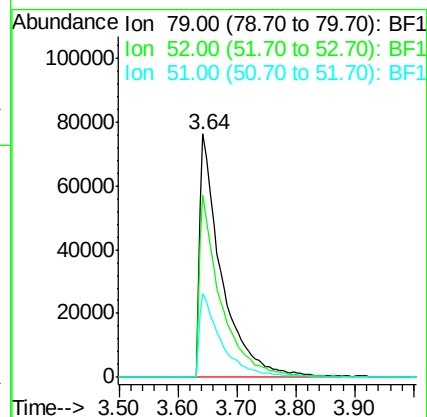
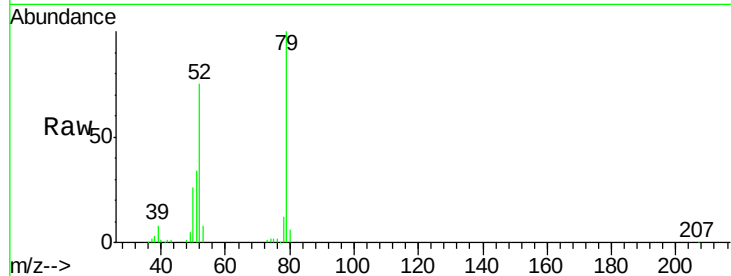
Tgt Ion: 79 Resp: 196605

Ion Ratio Lower Upper

79 100

52 74.8 59.8 89.6

51 34.1 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 30.874 ng

RT: 3.61 min Scan# 216

Delta R.T. 0.02 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

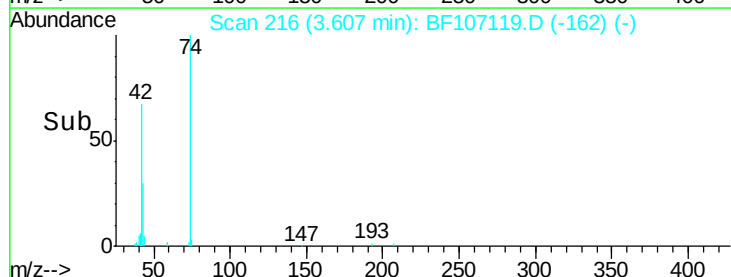
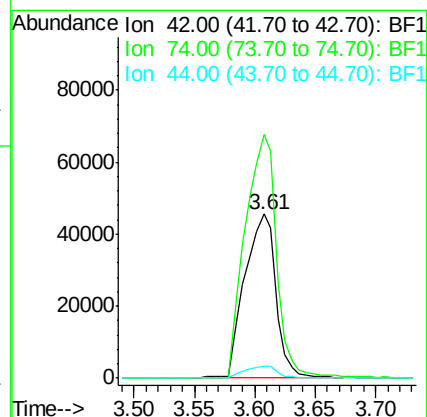
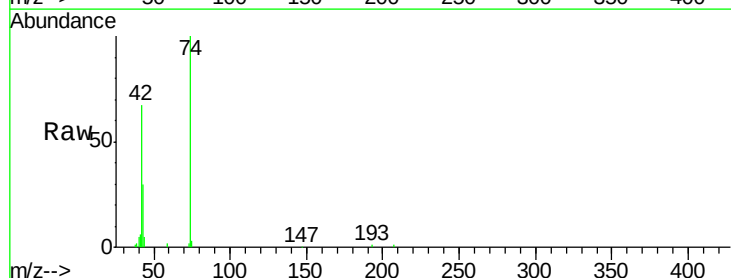
Tgt Ion: 42 Resp: 82433

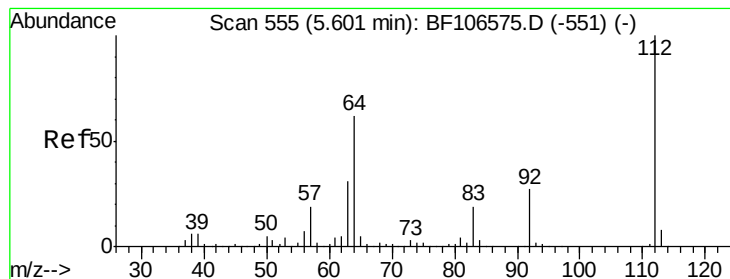
Ion Ratio Lower Upper

42 100

74 148.5 104.9 157.3

44 7.2 6.9 10.3





#5

2-Fluorophenol

Concen: 105.341 ng

RT: 5.60 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

Instrument :

BNA_F

ClientSampleId :

PB110604BS

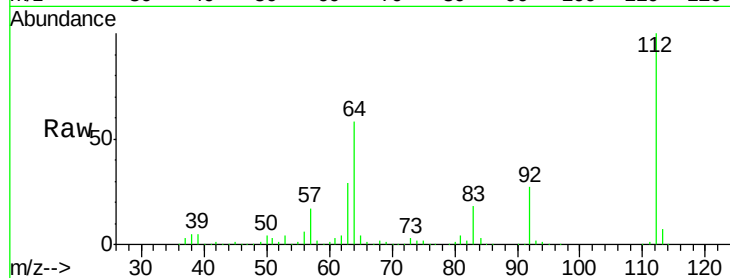
Tgt Ion: 112 Resp: 474936

Ion Ratio Lower Upper

112 100

64 57.7 47.9 71.9

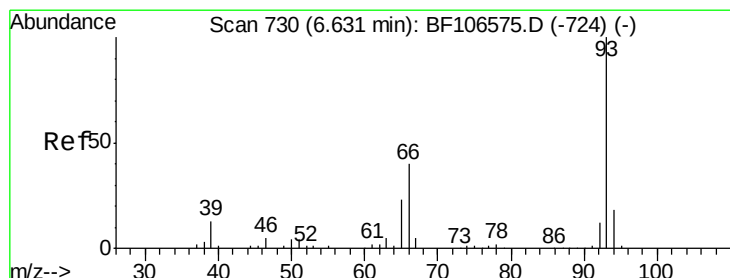
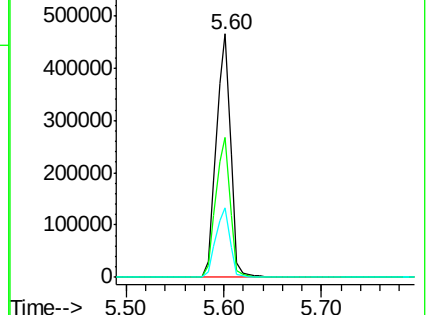
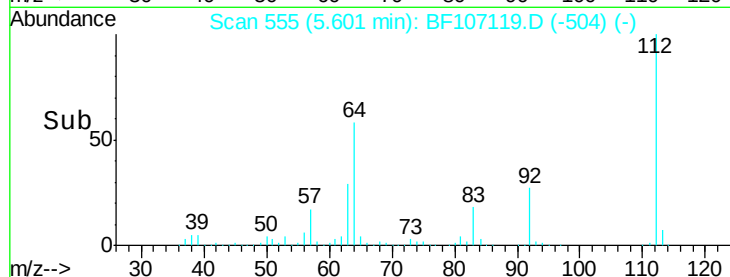
63 28.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.032 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

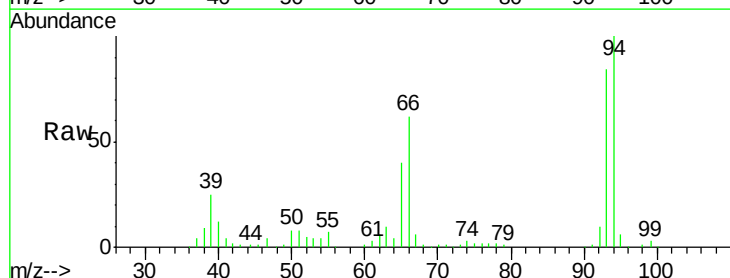
Tgt Ion: 93 Resp: 175902

Ion Ratio Lower Upper

93 100

66 73.6 32.2 48.2#

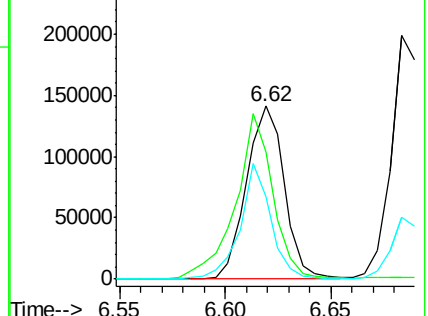
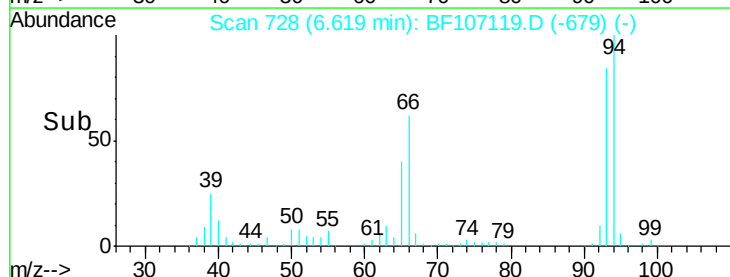
65 47.4 16.4 24.6#

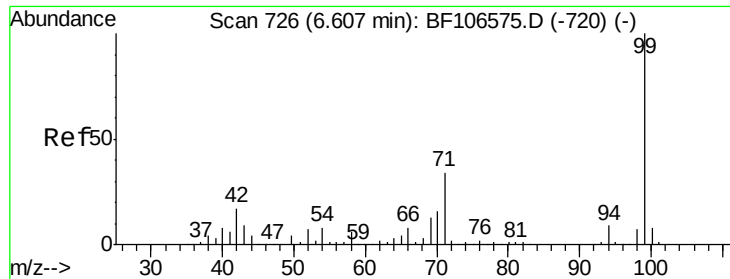


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 107.434 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

Instrument :

BNA_F

ClientSampleId :

PB110604BS

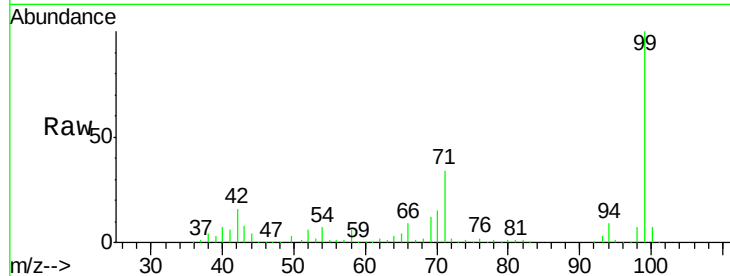
Tgt Ion: 99 Resp: 604888

Ion Ratio Lower Upper

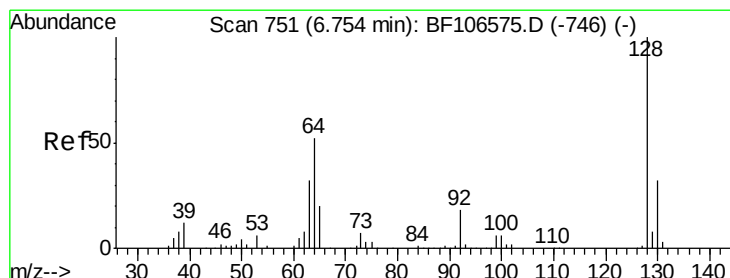
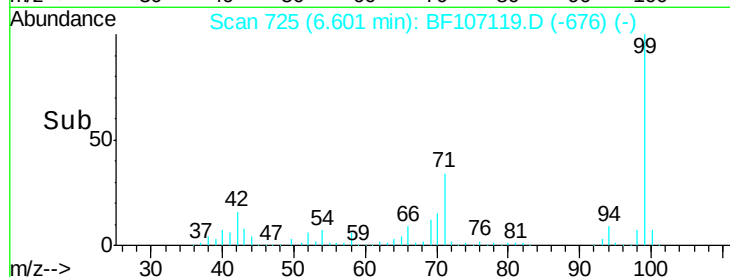
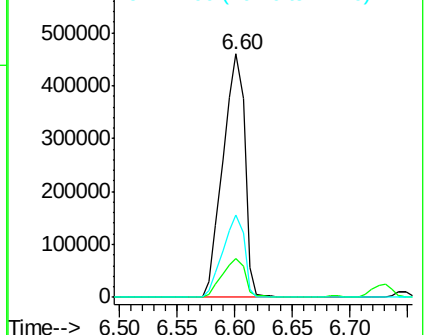
99 100

42 16.0 14.5 21.7

71 33.9 25.4 38.0



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



#8

2-Chlorophenol

Concen: 37.446 ng

RT: 6.75 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

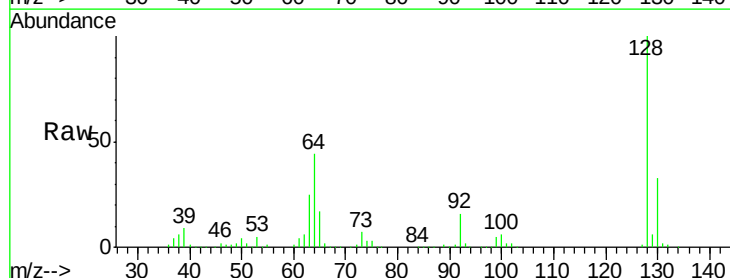
Tgt Ion: 128 Resp: 185173

Ion Ratio Lower Upper

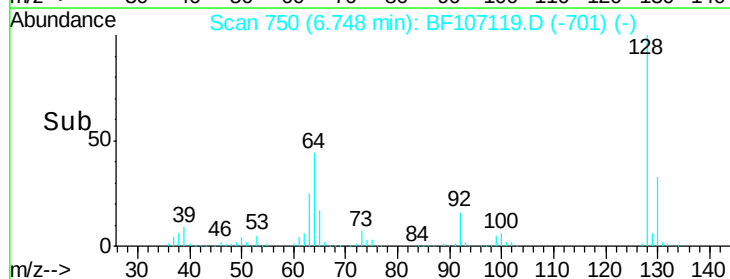
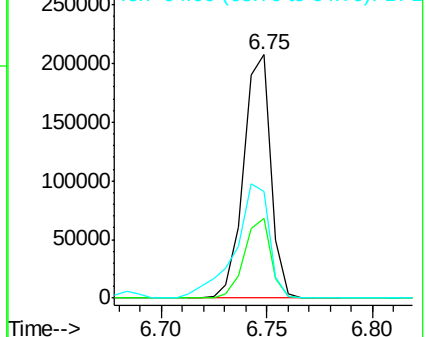
128 100

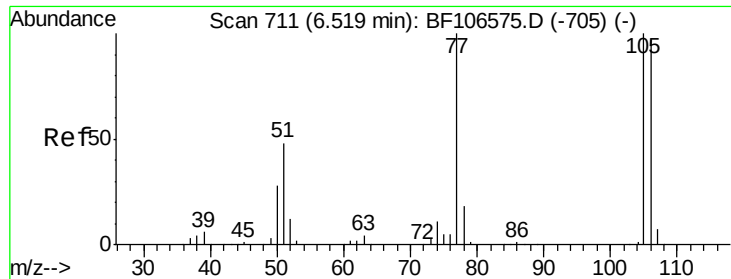
130 33.0 13.0 53.0

64 44.0 29.4 69.4



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





#9

Benzaldehyde

Concen: 23.155 ng

RT: 6.51 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

Instrument :

BNA_F

ClientSampleId :

PB110604BS

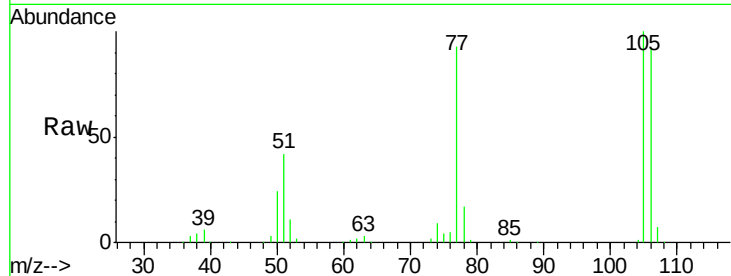
Tgt Ion: 77 Resp: 99538

Ion Ratio Lower Upper

77 100

105 107.0 81.1 121.1

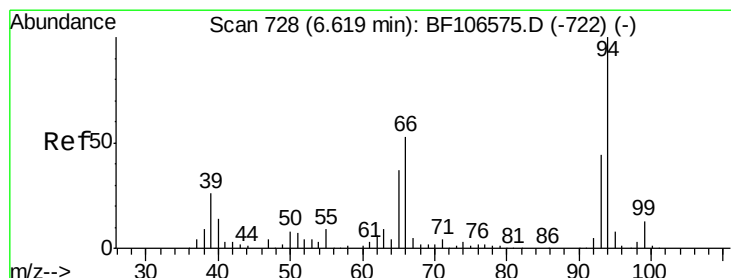
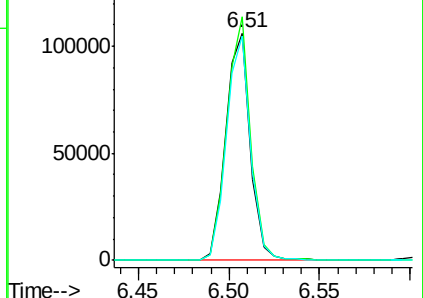
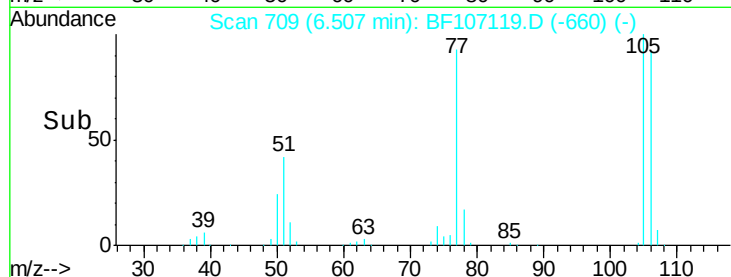
106 98.9 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 34.613 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

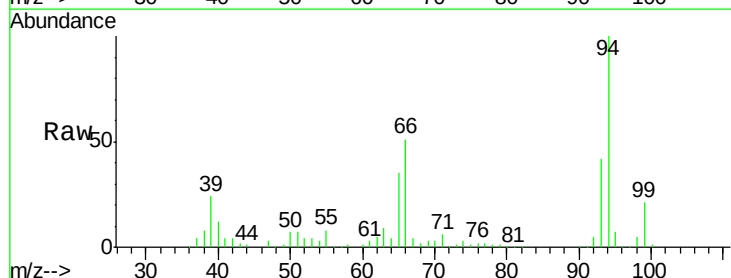
Tgt Ion: 94 Resp: 222404

Ion Ratio Lower Upper

94 100

65 35.5 7.9 47.9

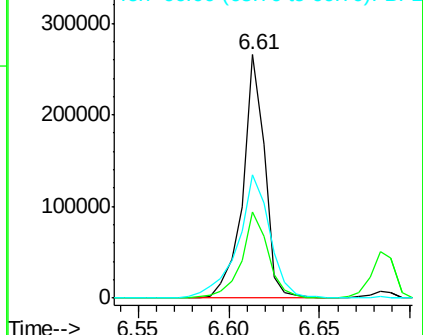
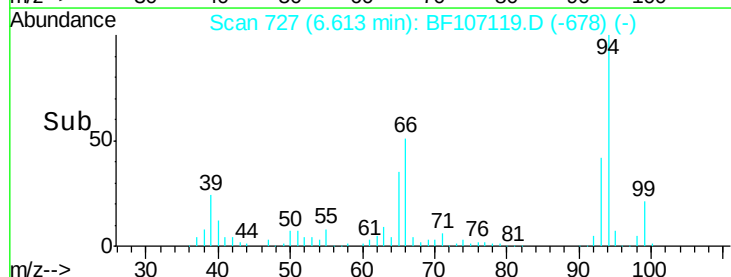
66 50.9 16.2 56.2

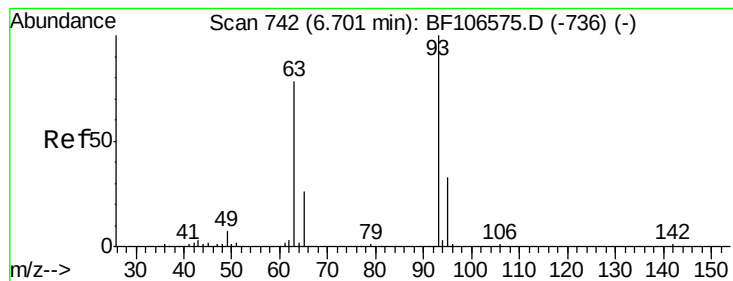


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 35.048 ng

RT: 6.68 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

Instrument :

BNA_F

ClientSampleId :

PB110604BS

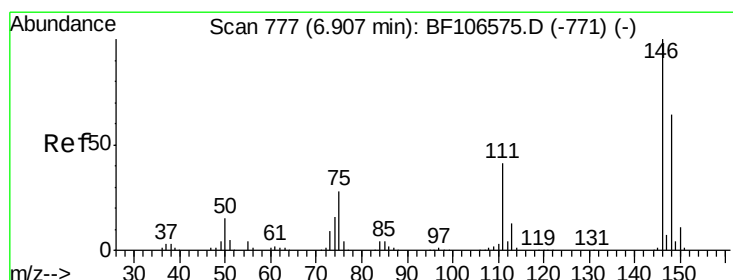
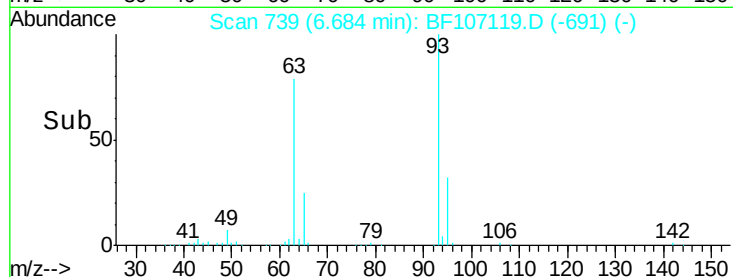
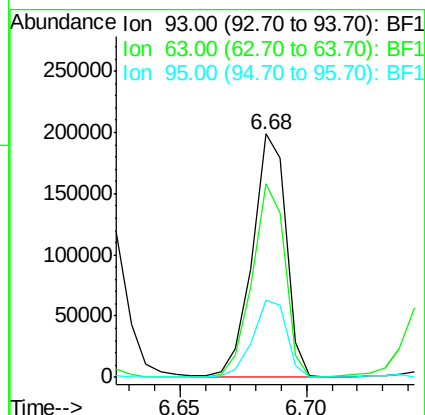
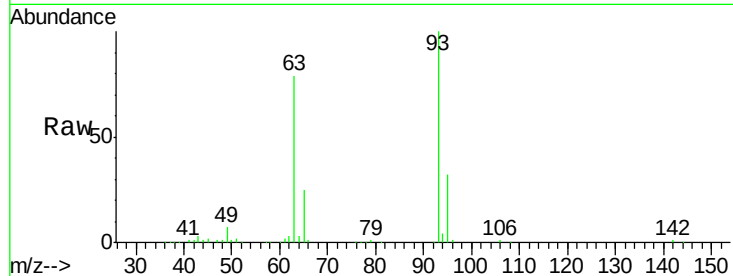
Tgt Ion: 93 Resp: 185917

Ion Ratio Lower Upper

93 100

63 79.5 58.6 98.6

95 31.7 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 37.000 ng

RT: 6.89 min Scan# 774

Delta R.T. -0.02 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

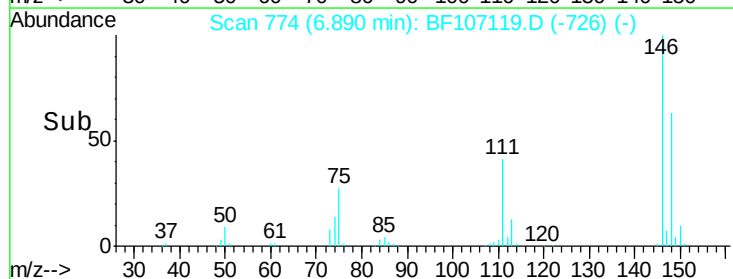
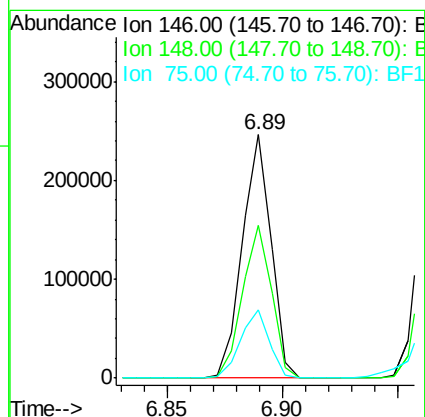
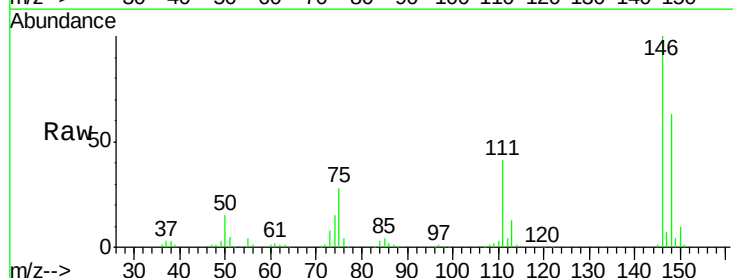
Tgt Ion: 146 Resp: 214294

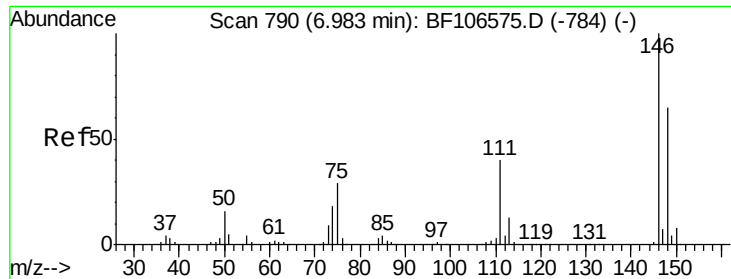
Ion Ratio Lower Upper

146 100

148 62.6 51.8 77.8

75 27.9 24.2 36.4

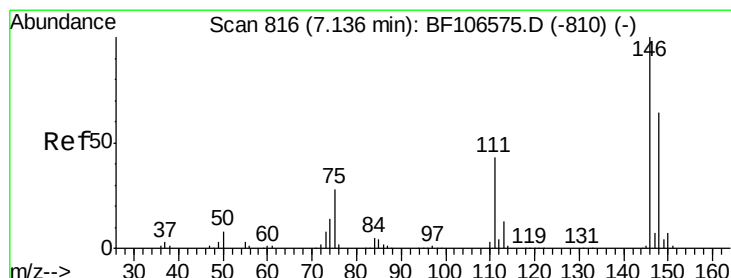
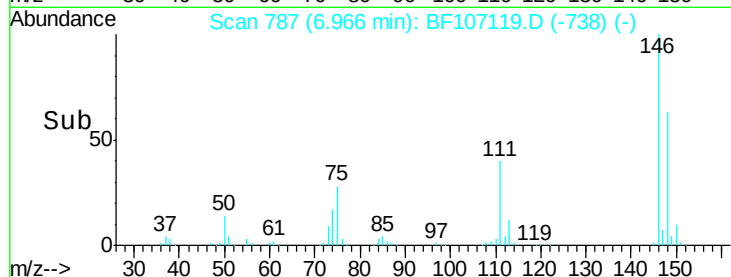
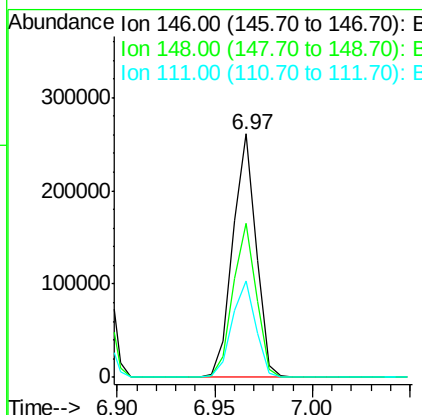
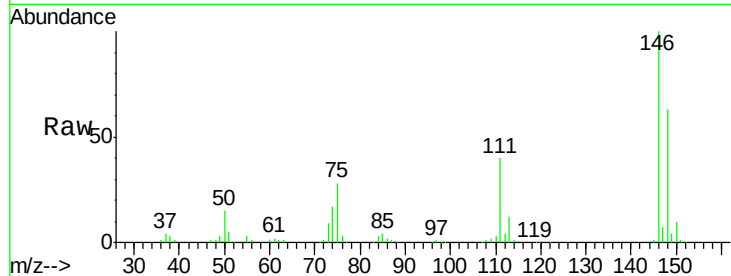




#13
 1,4-Dichlorobenzene
 Concen: 36.795 ng
 RT: 6.97 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF107119.D
 Acq: 5 Jul 2018 11:46

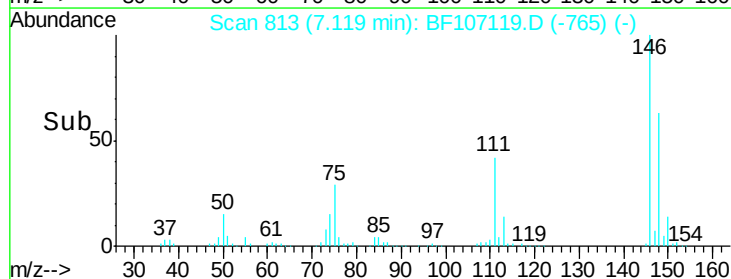
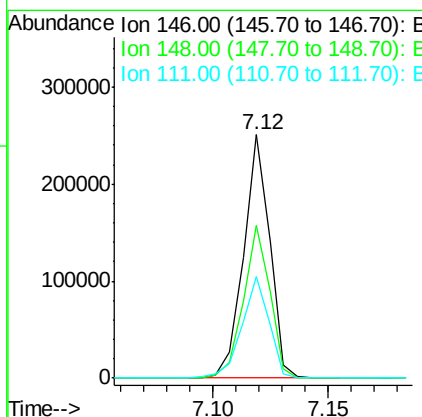
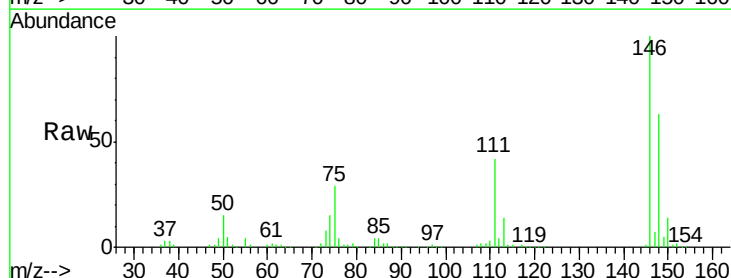
Instrument :
 BNA_F
 ClientSampleId :
 PB110604BS

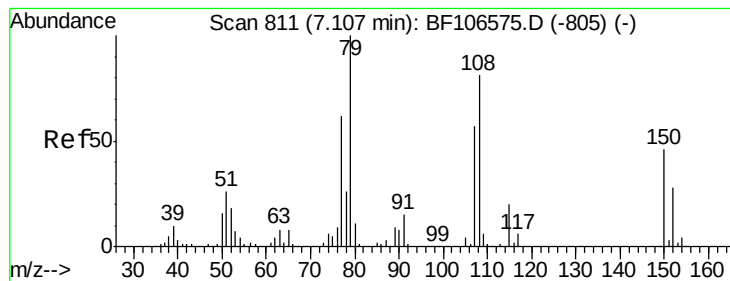
Tgt Ion:146 Resp: 215452
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.8 76.2
 111 39.8 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 36.851 ng
 RT: 7.12 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF107119.D
 Acq: 5 Jul 2018 11:46

Tgt Ion:146 Resp: 197756
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.6 75.8
 111 41.7 36.0 54.0





#15

Benzyl Alcohol

Concen: 34.418 ng

RT: 7.10 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

Instrument :

BNA_F

ClientSampleId :

PB110604BS

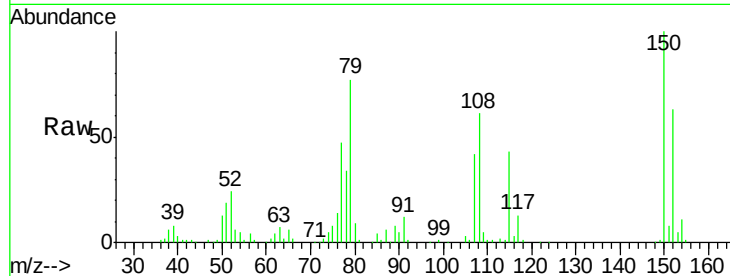
Tgt Ion: 79 Resp: 155599

Ion Ratio Lower Upper

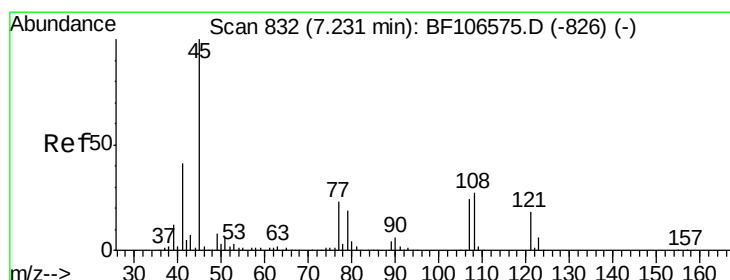
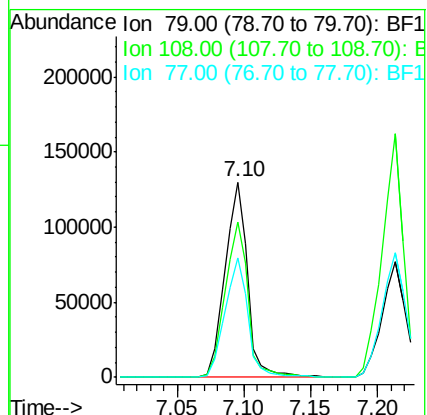
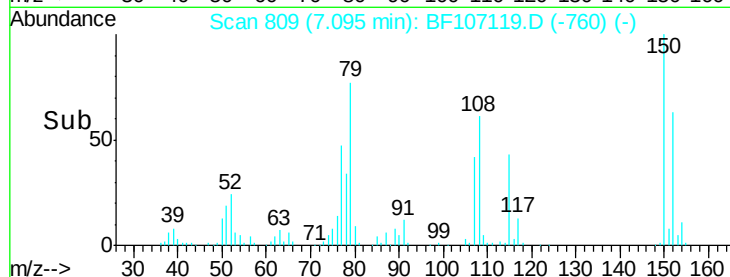
79 100

108 79.7 65.1 97.7

77 61.4 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.713 ng

RT: 7.22 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

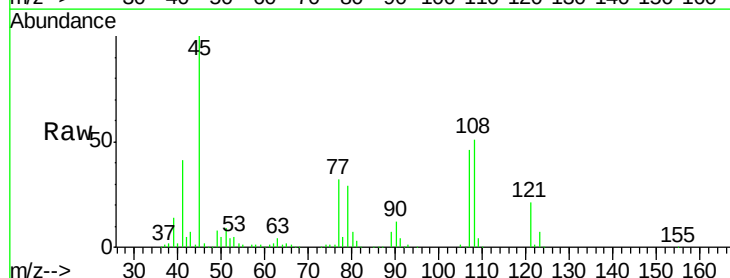
Tgt Ion: 45 Resp: 255514

Ion Ratio Lower Upper

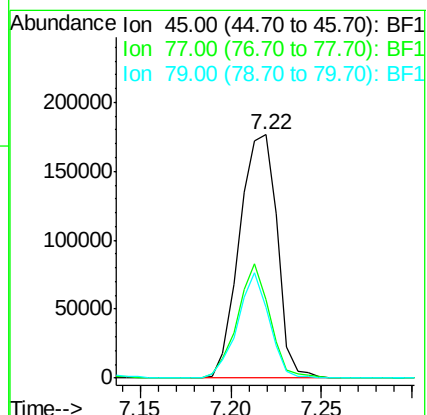
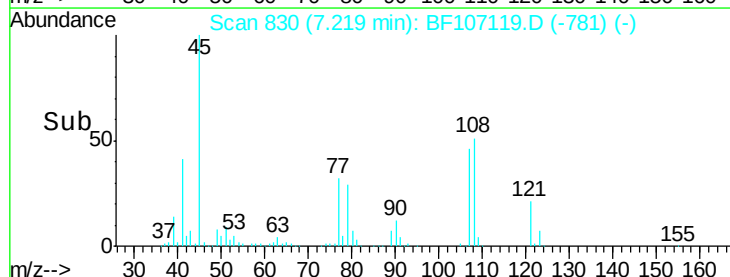
45 100

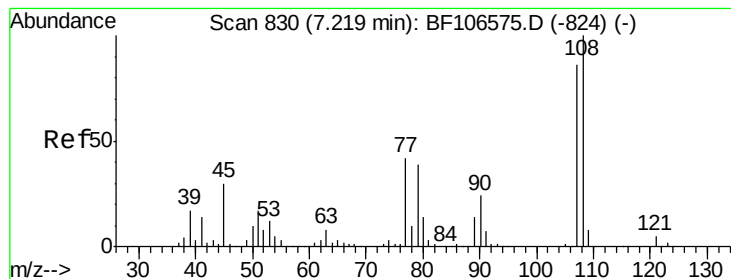
77 32.4 0.0 32.9

79 29.3 0.0 29.6



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





#17

2-Methylphenol

Concen: 37.704 ng

RT: 7.21 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

Instrument :

BNA_F

ClientSampleId :

PB110604BS

Tgt Ion:107 Resp: 159555

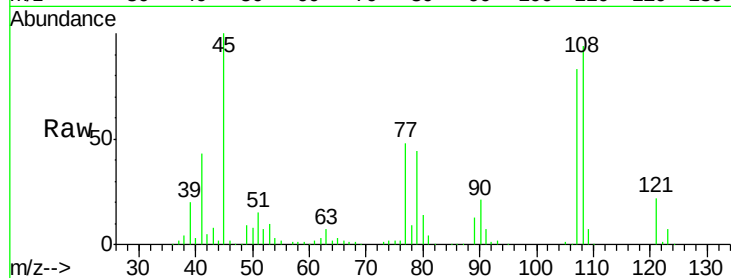
Ion Ratio Lower Upper

107 100

108 113.0 91.7 137.5

77 57.6 33.8 50.8#

79 53.4 33.8 50.8#

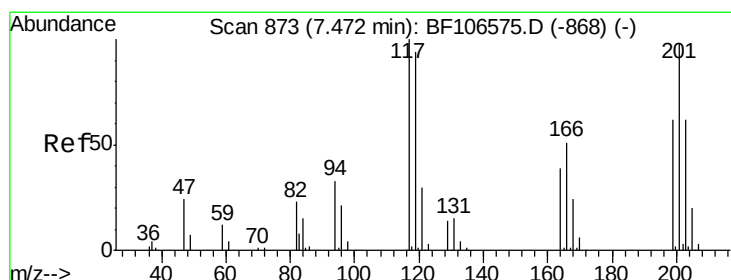
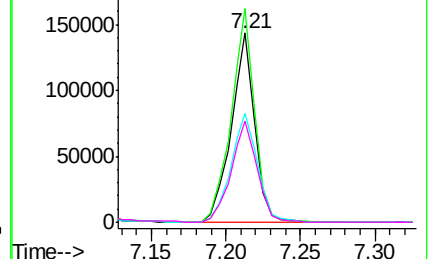
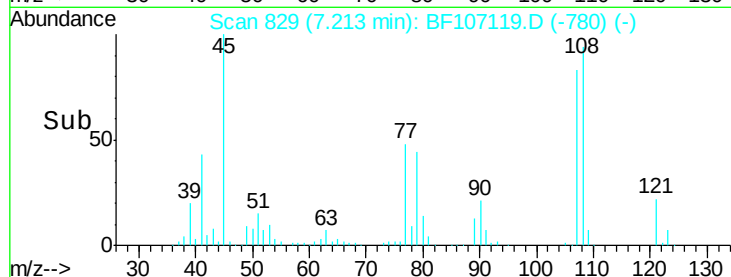


Abundance Ion 107.00 (106.70 to 107.70): E

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: 36.266 ng

RT: 7.45 min Scan# 870

Delta R.T. -0.02 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

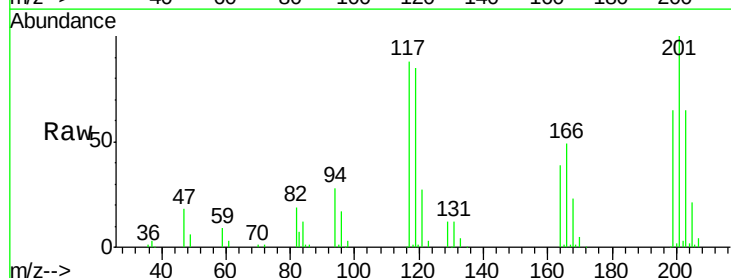
Tgt Ion:117 Resp: 74676

Ion Ratio Lower Upper

117 100

119 96.2 75.8 113.8

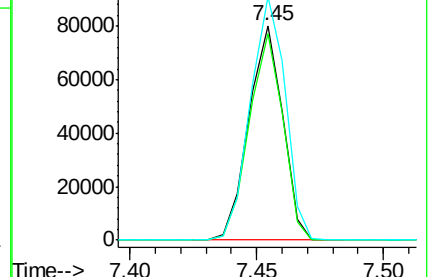
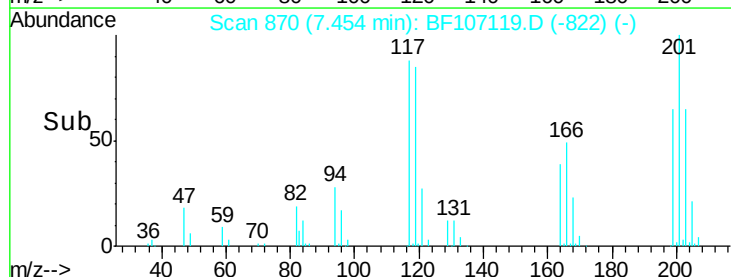
201 113.5 75.7 113.5

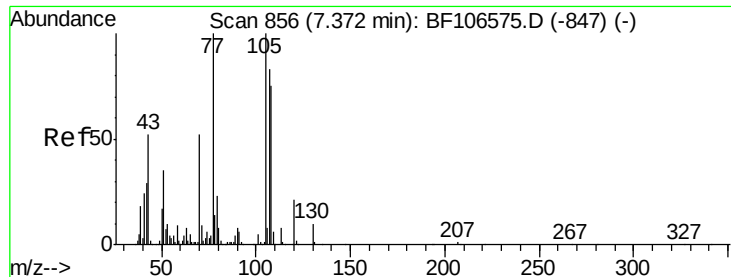


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

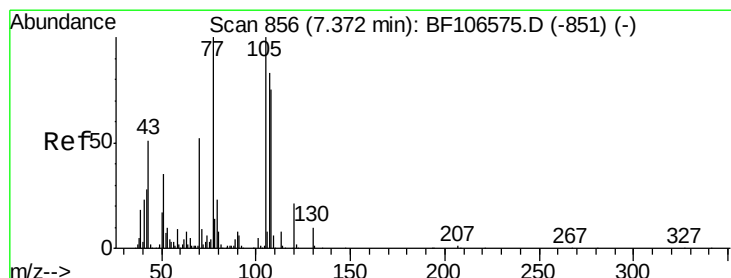
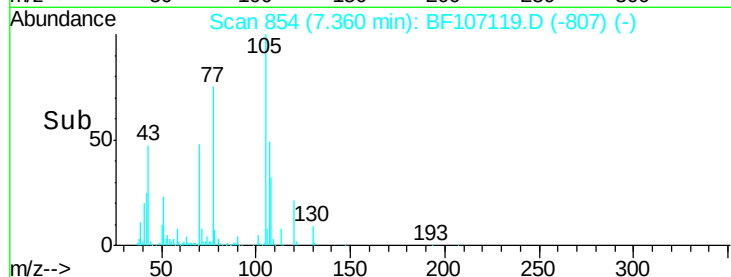
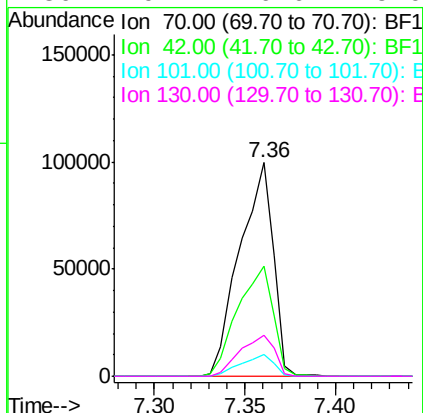
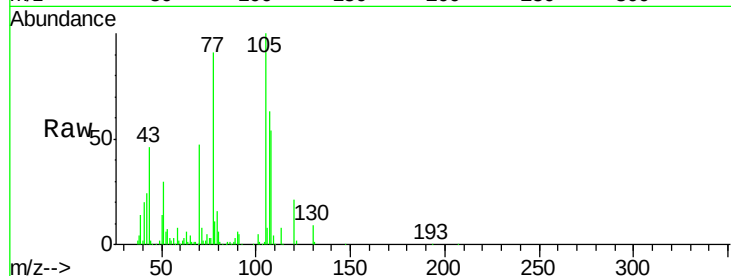




#19
n-Nitroso-di-n-propylamine
Concen: 34.748 ng
RT: 7.36 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

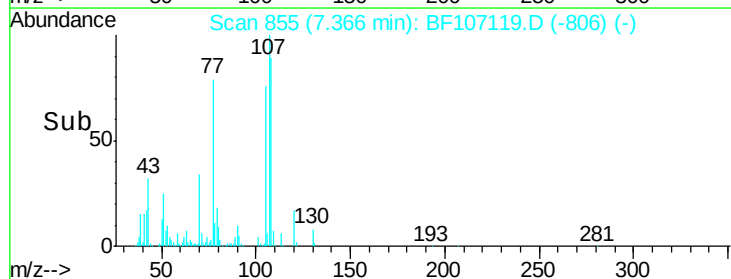
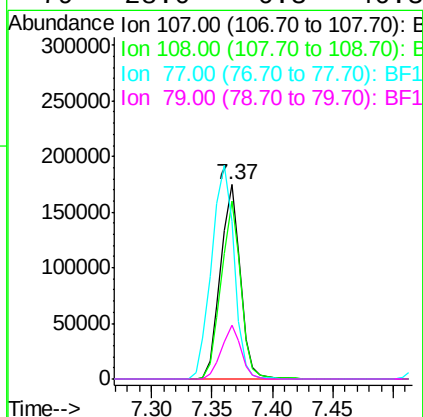
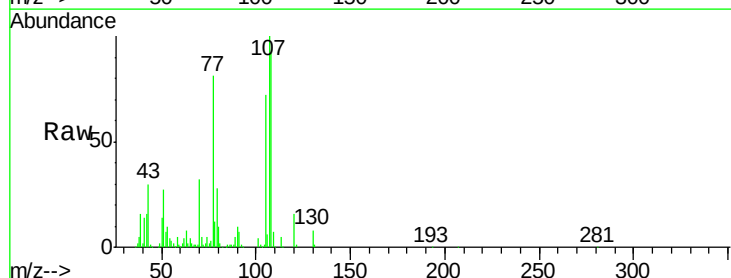
Instrument :
BNA_F
ClientSampleId :
PB110604BS

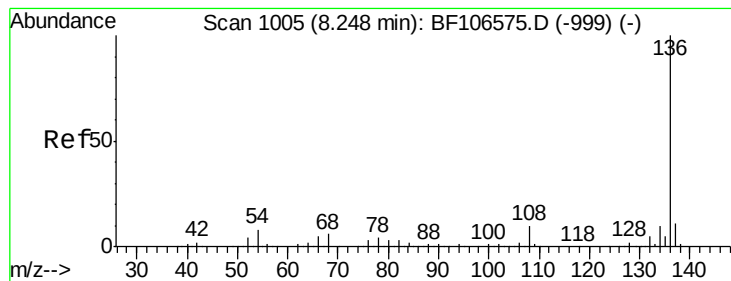
Tgt Ion:	70	Resp:	128960
Ion	Ratio	Lower	Upper
70	100		
42	51.3	47.5	71.3
101	10.3	7.4	11.2
130	19.4	16.6	25.0



#20
3+4-Methylphenols
Concen: 42.906 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Tgt Ion:	107	Resp:	198585
Ion	Ratio	Lower	Upper
107	100		
108	91.5	68.2	108.2
77	81.3	26.7	66.7#
79	28.0	6.3	46.3

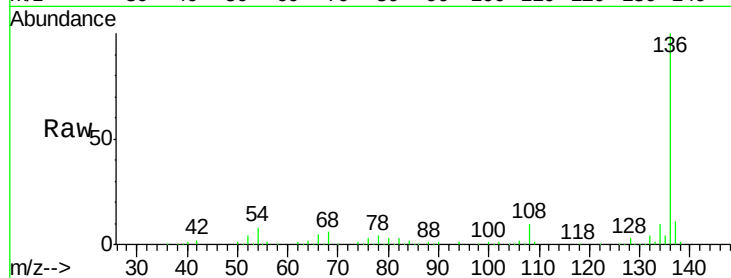




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Instrument :
BNA_F
ClientSampleId :
PB110604BS

Tgt Ion:	136	Resp:	309963
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.0	6.6	9.8
68	6.2	5.0	7.4

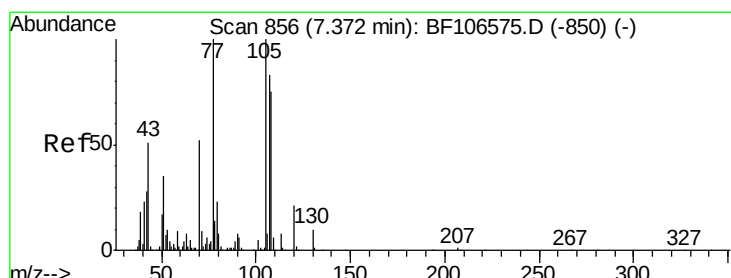
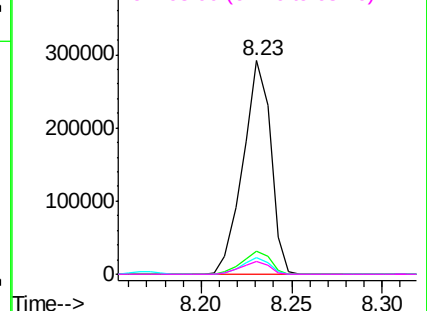
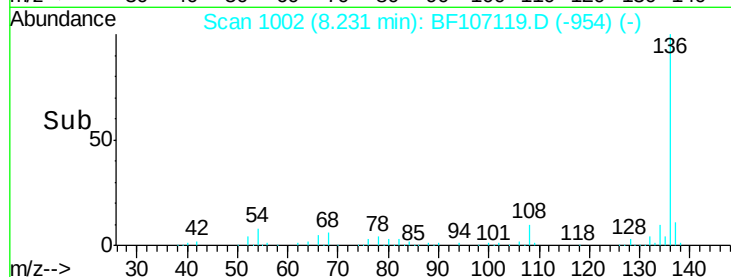


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

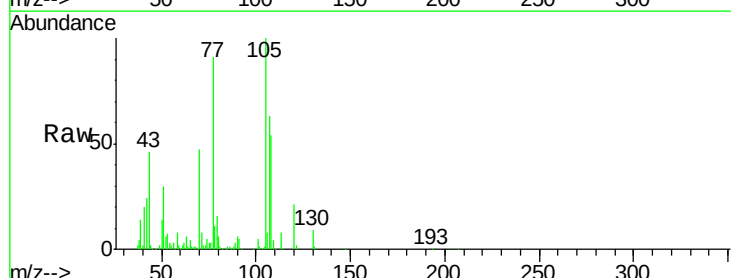
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 37.008 ng
RT: 7.36 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Tgt Ion:	105	Resp:	256637
Ion	Ratio	Lower	Upper
105	100		
71	7.8	4.4	6.6#
51	30.2	22.3	33.5
120	20.8	16.9	25.3

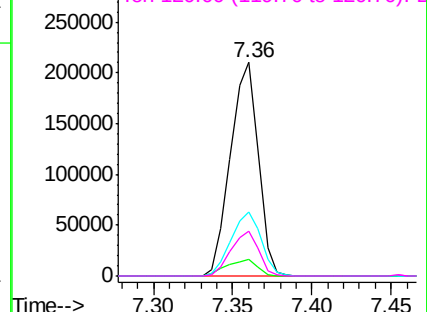
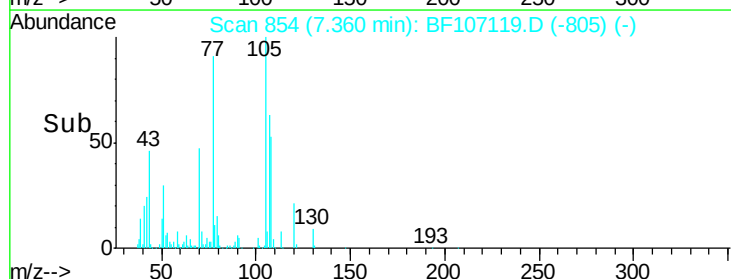


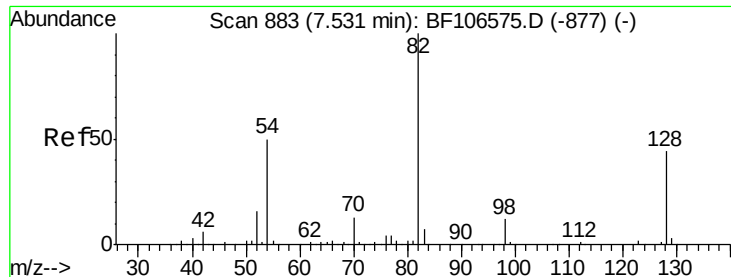
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

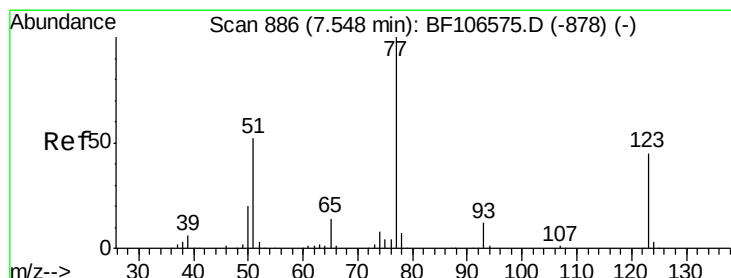
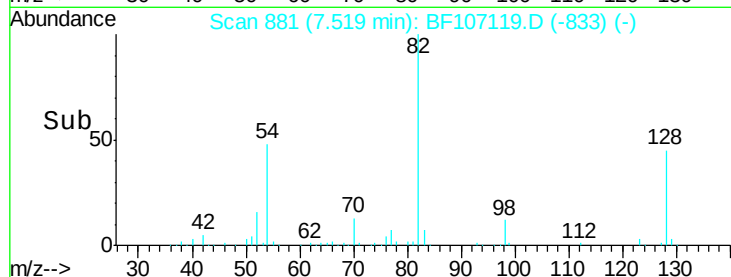
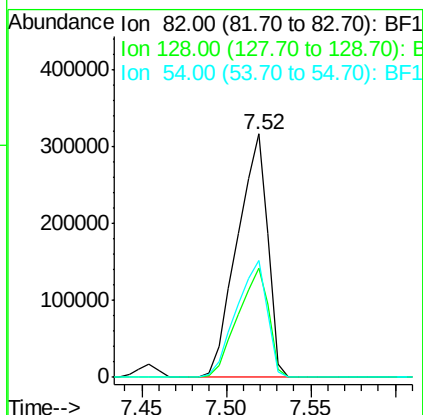
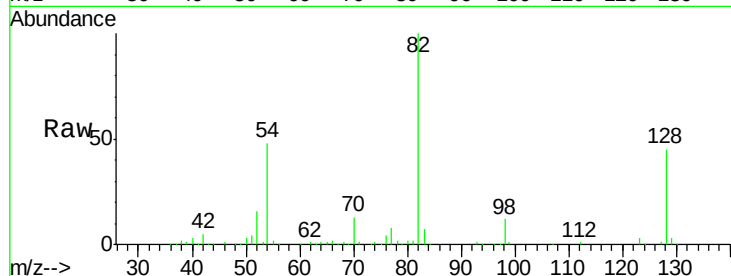




#23
 Nitrobenzene-d5
 Concen: 71.389 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF107119.D
 Acq: 5 Jul 2018 11:46

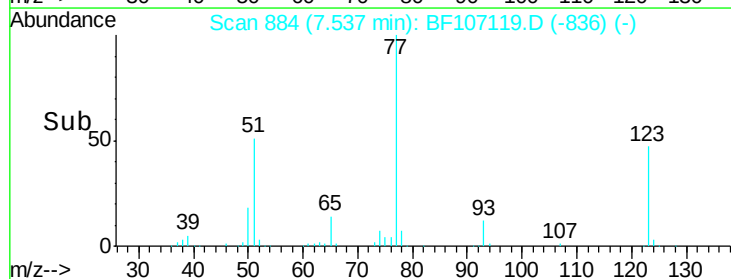
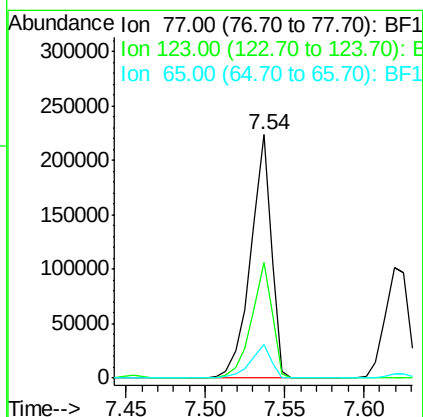
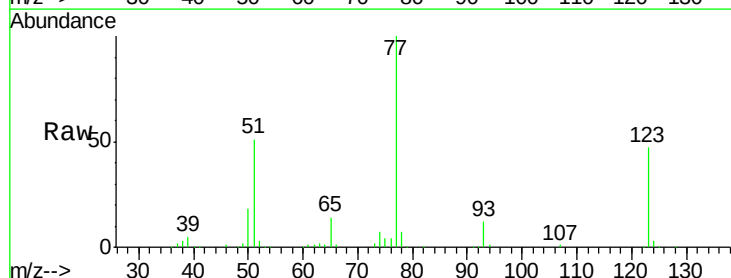
Instrument :
 BNA_F
 ClientSampleId :
 PB110604BS

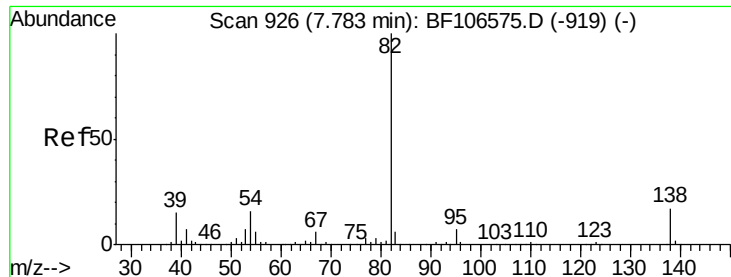
Tgt Ion: 82 Resp: 398174
 Ion Ratio Lower Upper
 82 100
 128 45.0 36.1 54.1
 54 48.3 41.4 62.2



#24
 Nitrobenzene
 Concen: 35.484 ng
 RT: 7.54 min Scan# 884
 Delta R.T. -0.02 min
 Lab File: BF107119.D
 Acq: 5 Jul 2018 11:46

Tgt Ion: 77 Resp: 202062
 Ion Ratio Lower Upper
 77 100
 123 47.2 37.9 56.9
 65 13.7 11.0 16.4





#25

Isophorone

Concen: 38.834 ng

RT: 7.77 min Scan# 924

Delta R.T. -0.02 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

Instrument :

BNA_F

ClientSampleId :

PB110604BS

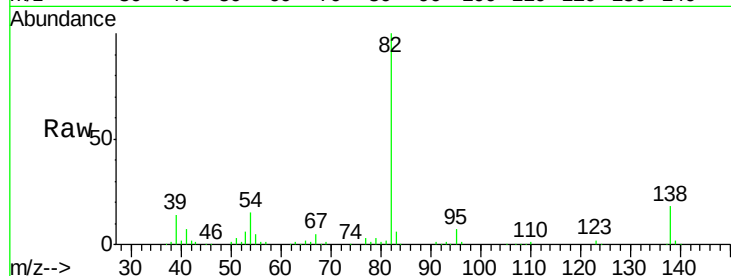
Tgt Ion: 82 Resp: 381673

Ion Ratio Lower Upper

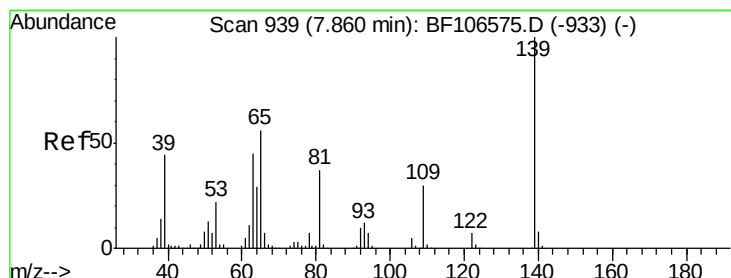
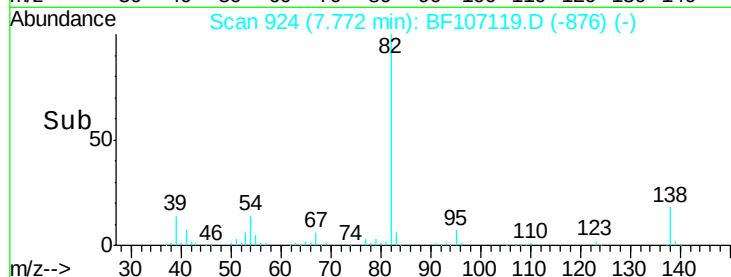
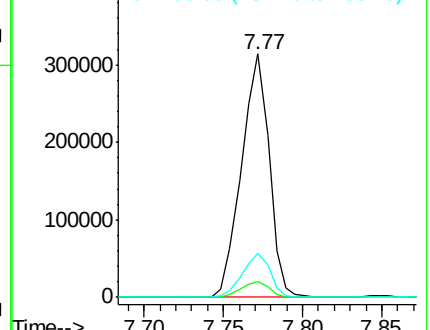
82 100

95 6.7 5.2 7.8

138 18.0 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 40.565 ng

RT: 7.85 min Scan# 937

Delta R.T. -0.02 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

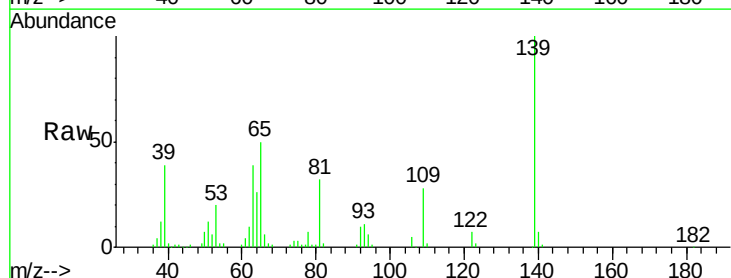
Tgt Ion: 139 Resp: 109046

Ion Ratio Lower Upper

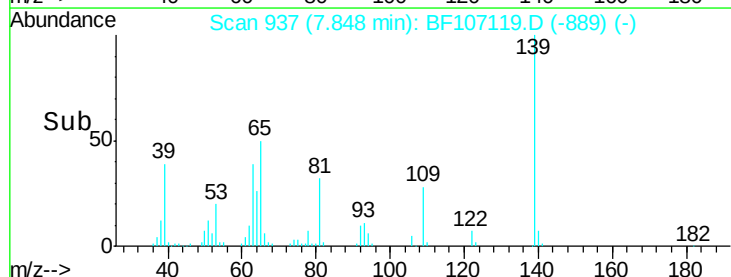
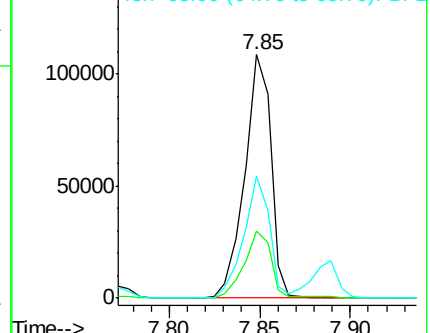
139 100

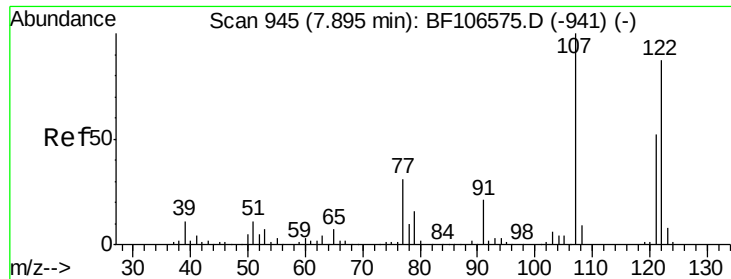
109 27.5 22.7 34.1

65 50.3 40.5 60.7



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

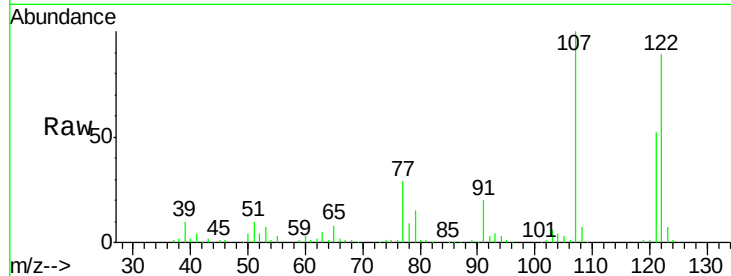




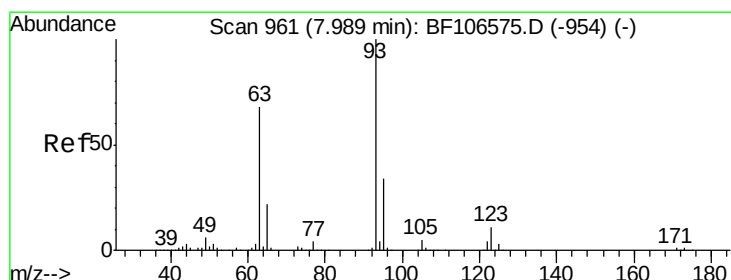
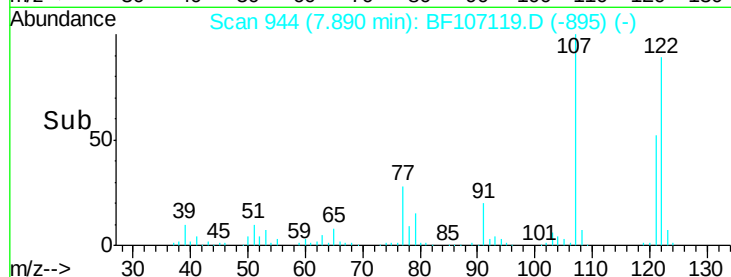
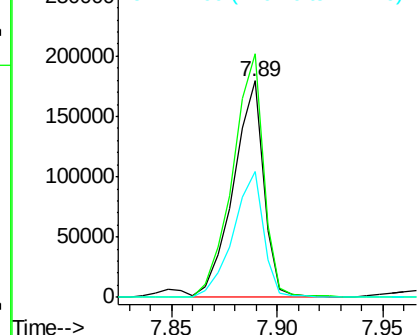
#27
2,4-Dimethylphenol
Concen: 42.872 ng
RT: 7.89 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Instrument :
BNA_F
ClientSampleId :
PB110604BS

Tgt Ion:122 Resp: 178132
Ion Ratio Lower Upper
122 100
107 112.4 91.2 136.8
121 58.3 47.2 70.8

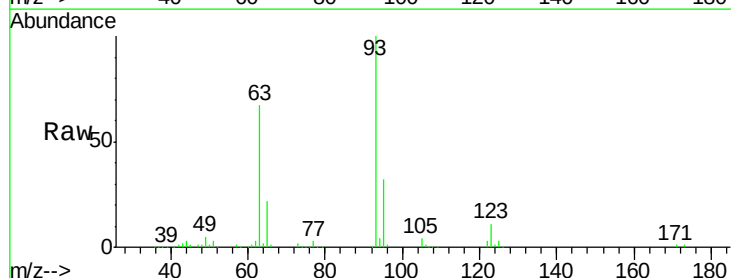


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

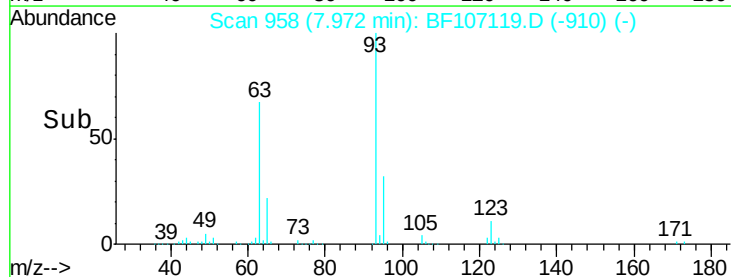
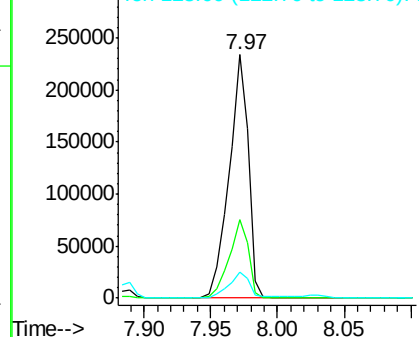


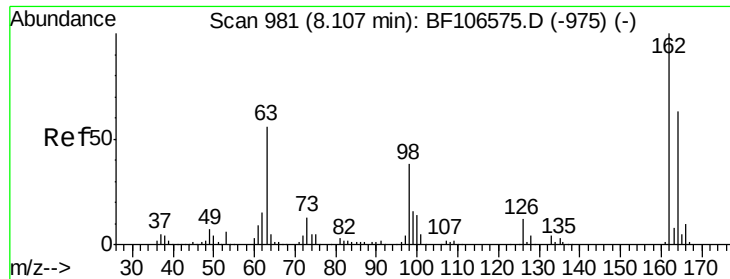
#28
bis(2-Chloroethoxy)methane
Concen: 36.348 ng
RT: 7.97 min Scan# 958
Delta R.T. -0.02 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Tgt Ion: 93 Resp: 239860
Ion Ratio Lower Upper
93 100
95 32.5 26.3 39.5
123 10.6 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

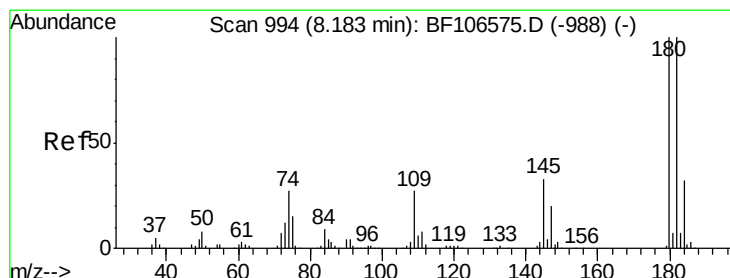
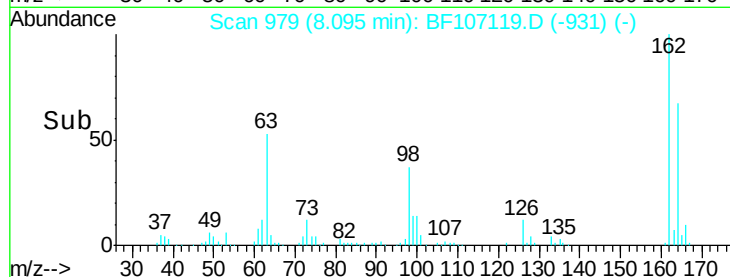
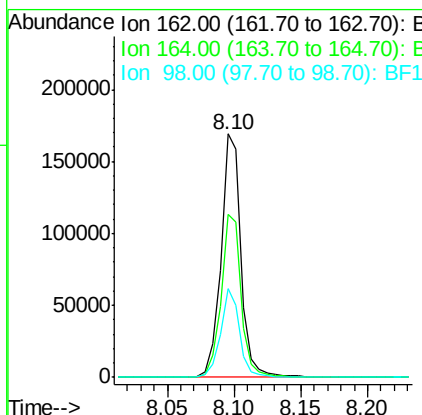
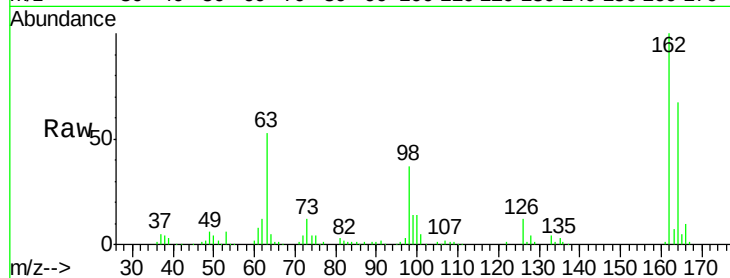




#29
 2,4-Dichlorophenol
 Concen: 41.045 ng
 RT: 8.10 min Scan# 979
 Delta R.T. -0.02 min
 Lab File: BF107119.D
 Acq: 5 Jul 2018 11:46

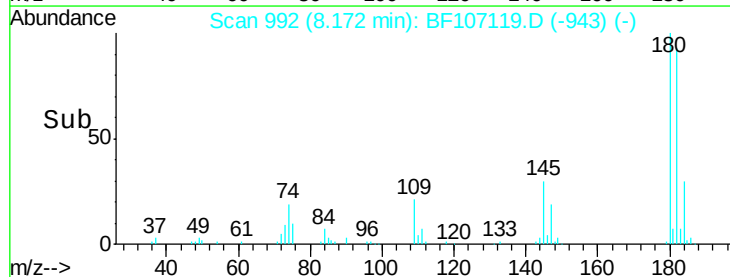
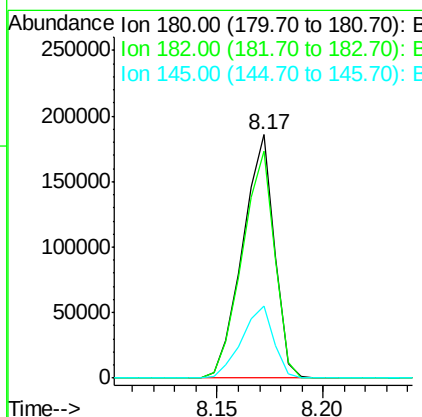
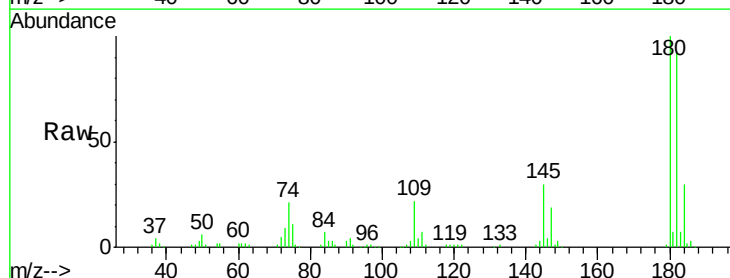
Instrument :
 BNA_F
 ClientSampleId :
 PB110604BS

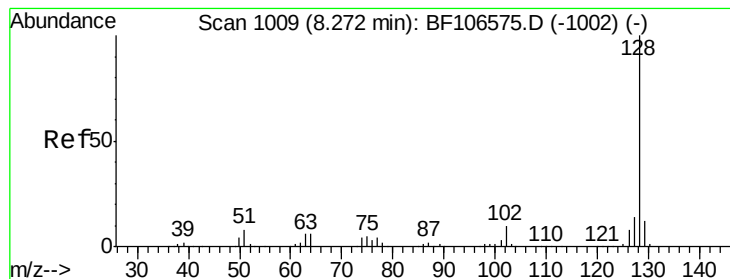
Tgt Ion:162 Resp: 178546
 Ion Ratio Lower Upper
 162 100
 164 66.7 42.7 82.7
 98 36.7 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.409 ng
 RT: 8.17 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF107119.D
 Acq: 5 Jul 2018 11:46

Tgt Ion:180 Resp: 193639
 Ion Ratio Lower Upper
 180 100
 182 93.1 76.8 115.2
 145 29.6 26.5 39.7





#31

Naphthalene

Concen: 37.589 ng

RT: 8.25 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

Instrument :

BNA_F

ClientSampleId :

PB110604BS

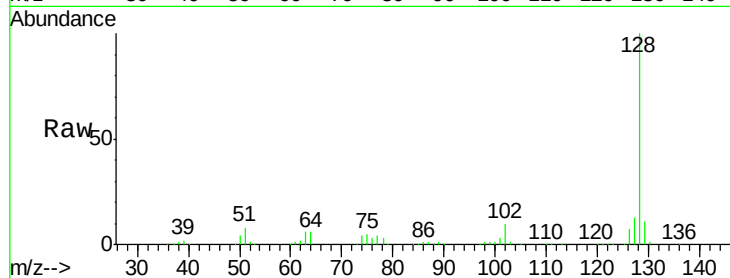
Tgt Ion:128 Resp: 544726

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

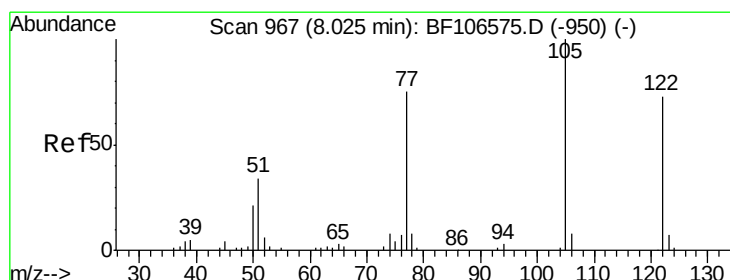
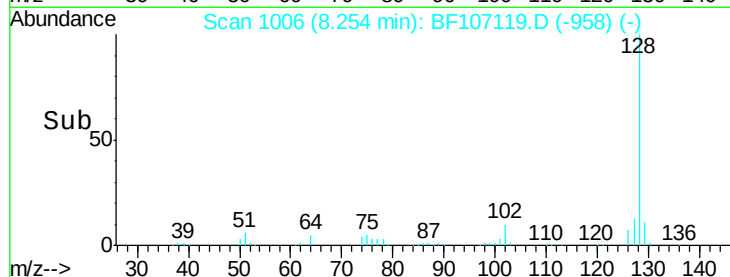
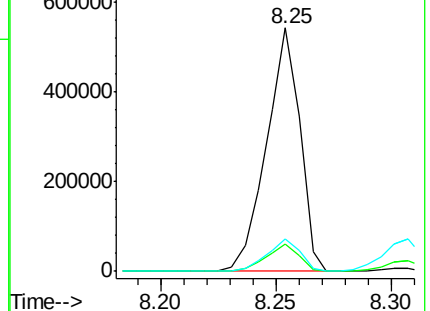
127 13.4 10.9 16.3



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: 31.626 ng

RT: 8.03 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

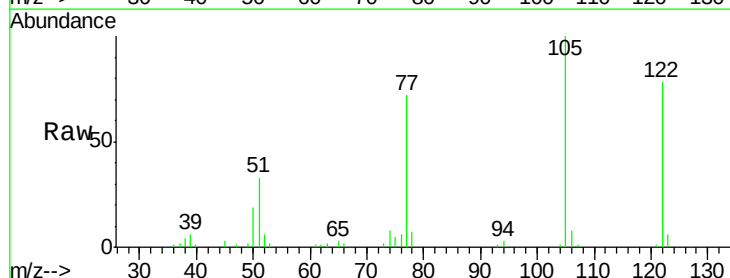
Tgt Ion:122 Resp: 88874

Ion Ratio Lower Upper

122 100

105 128.8 101.1 141.1

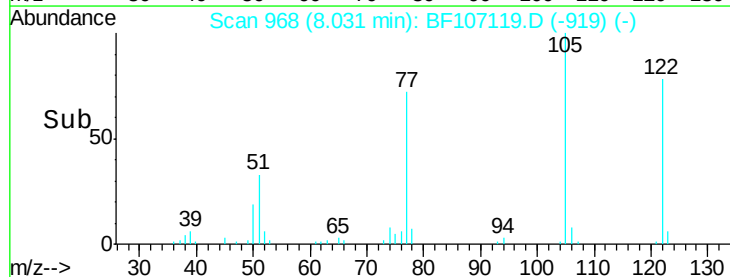
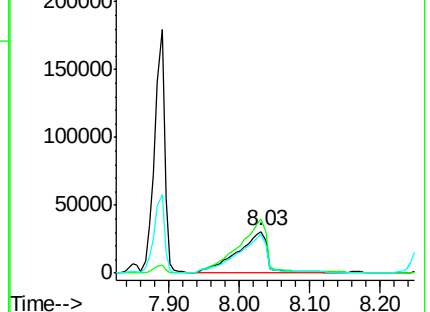
77 92.9 70.7 110.7

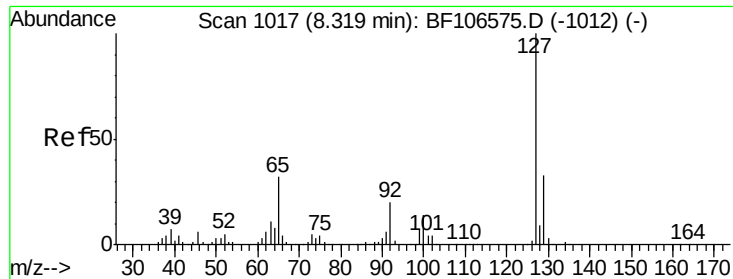


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

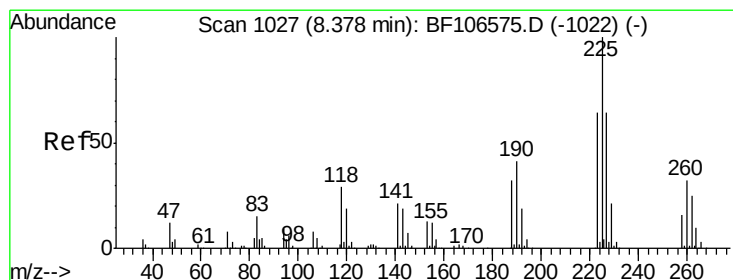
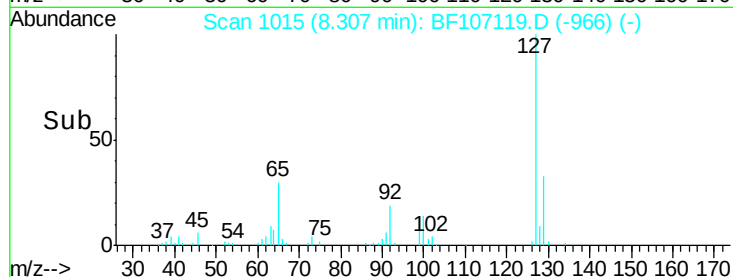
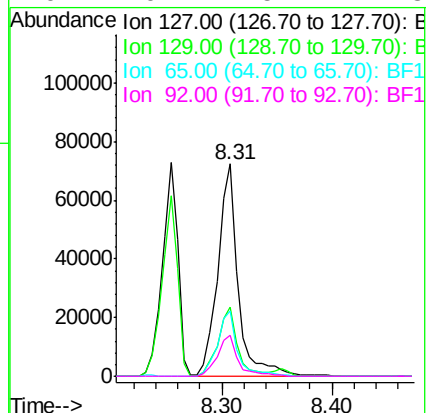
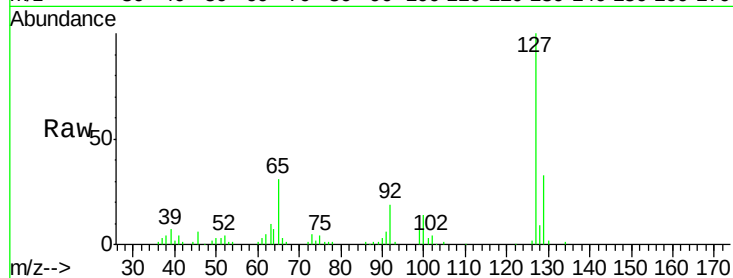




#33
4-Chloroaniline
Concen: 15.263 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

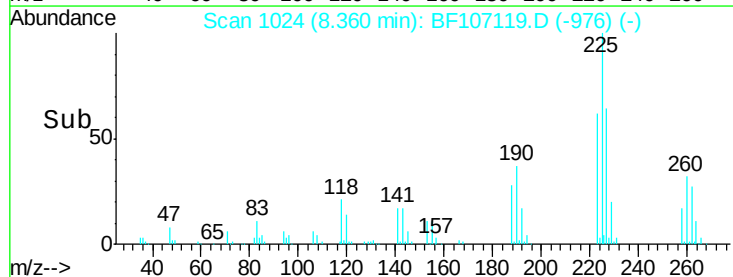
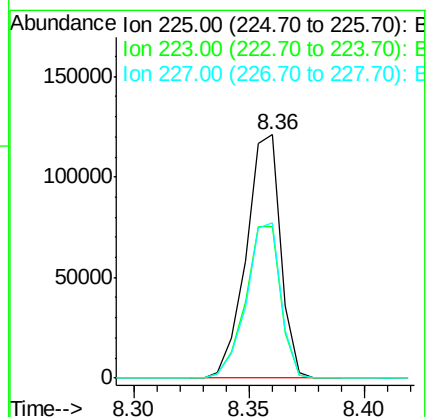
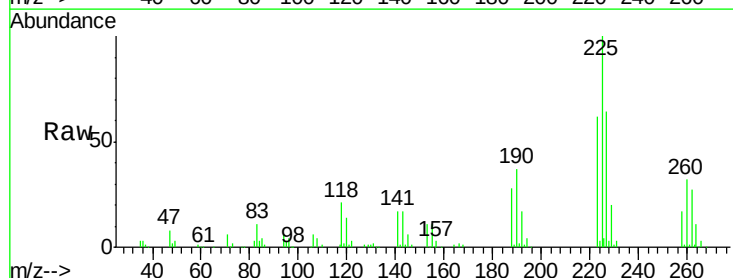
Instrument :
BNA_F
ClientSampleId :
PB110604BS

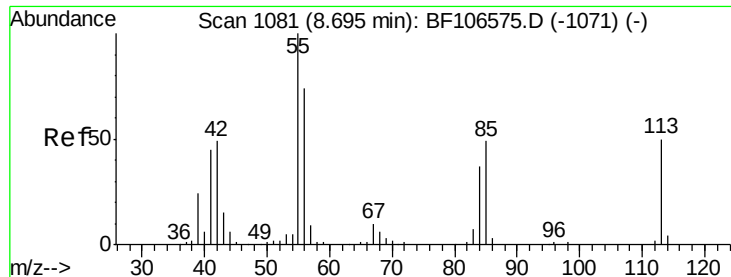
Tgt Ion:	127	Resp:	92809
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	30.9	25.0	37.4
92	19.4	15.2	22.8



#34
Hexachlorobutadiene
Concen: 40.358 ng
RT: 8.36 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Tgt Ion:	225	Resp:	126015
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.6	76.0
227	63.8	51.9	77.9

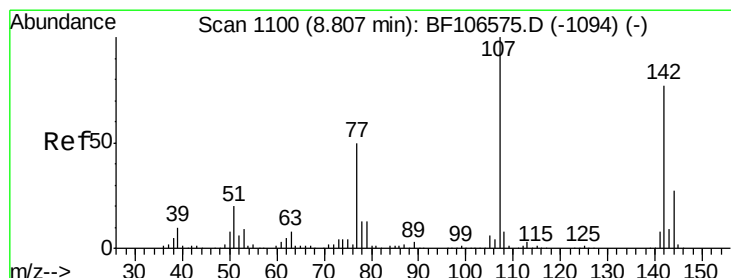
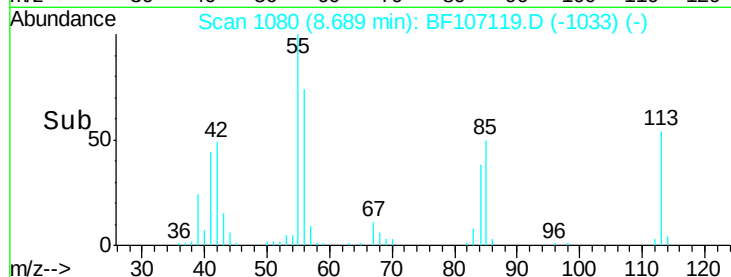
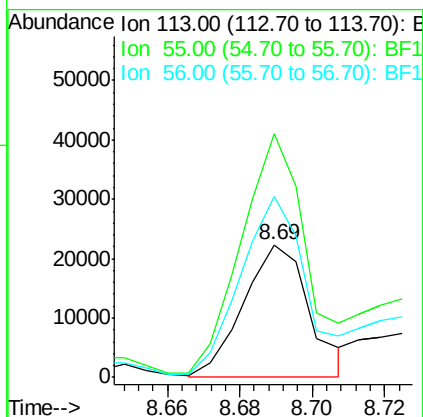
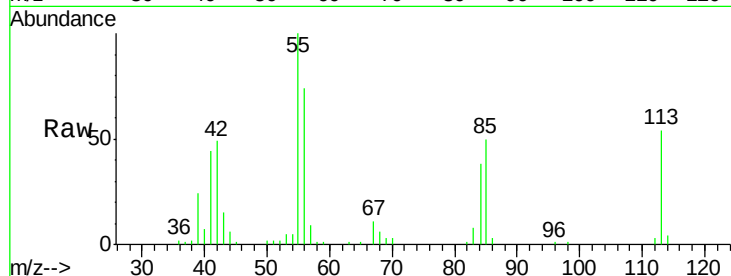




#35
 Caprolactam
 Concen: 19.841 ng
 RT: 8.69 min Scan# 1080
 Delta R.T. -0.02 min
 Lab File: BF107119.D
 Acq: 5 Jul 2018 11:46

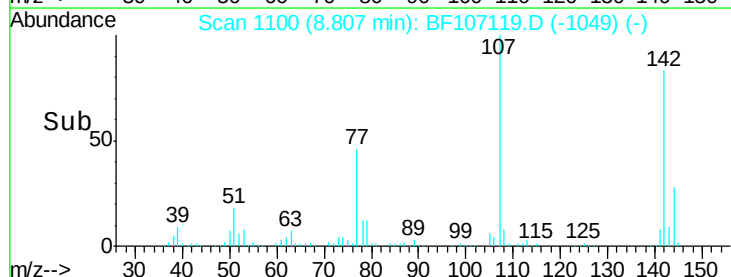
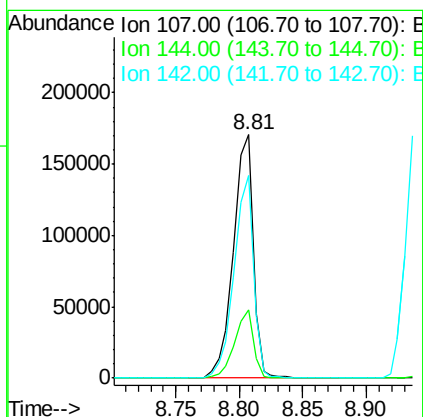
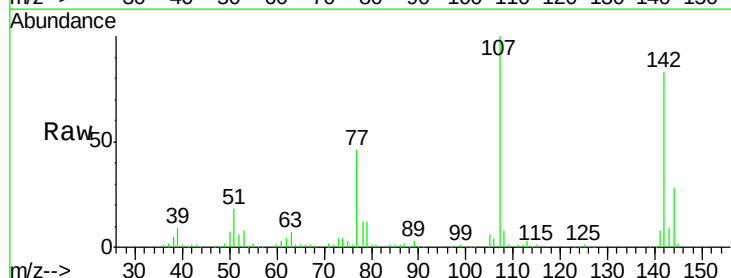
Instrument :
 BNA_F
 ClientSampleId :
 PB110604BS

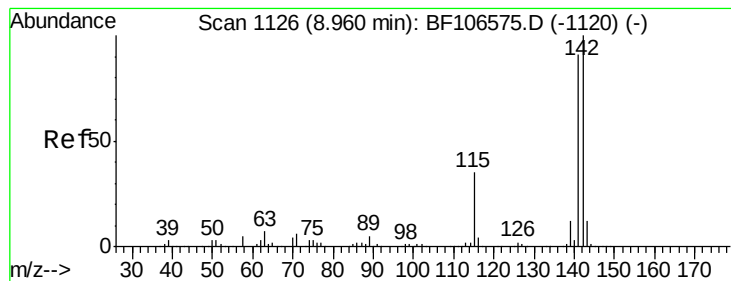
Tgt Ion:113 Resp: 28134
 Ion Ratio Lower Upper
 113 100
 55 183.5 163.3 203.3
 56 136.0 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 40.272 ng
 RT: 8.81 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BF107119.D
 Acq: 5 Jul 2018 11:46

Tgt Ion:107 Resp: 184393
 Ion Ratio Lower Upper
 107 100
 144 27.9 20.5 30.7
 142 83.4 62.0 93.0

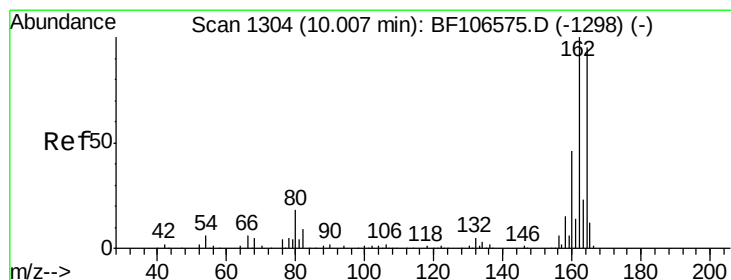
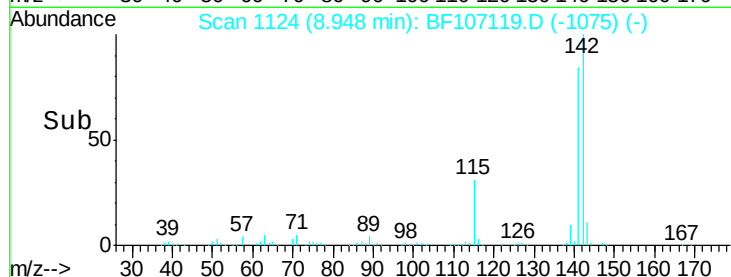
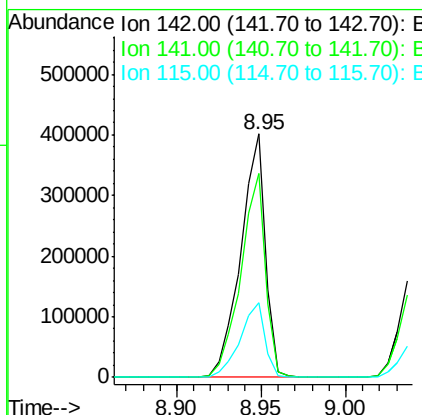
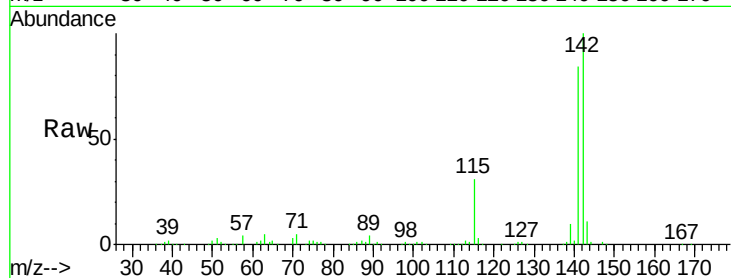




#37
 2-Methylnaphthalene
 Concen: 42.833 ng
 RT: 8.95 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF107119.D
 Acq: 5 Jul 2018 11:46

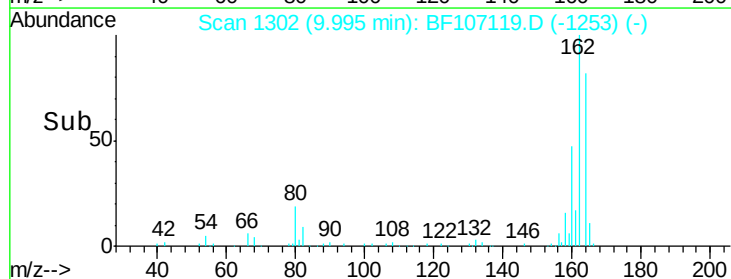
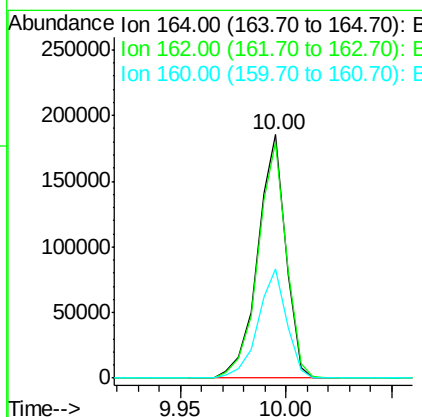
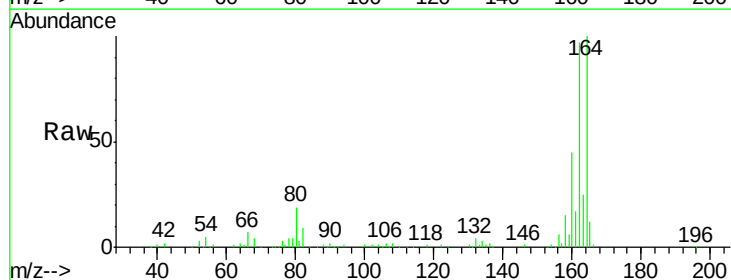
Instrument :
 BNA_F
 ClientSampleId :
 PB110604BS

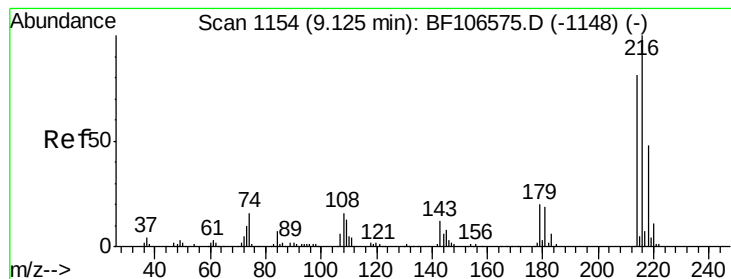
Tgt Ion:142 Resp: 411433
 Ion Ratio Lower Upper
 142 100
 141 83.6 70.8 106.2
 115 30.8 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF107119.D
 Acq: 5 Jul 2018 11:46

Tgt Ion:164 Resp: 170806
 Ion Ratio Lower Upper
 164 100
 162 96.7 86.1 129.1
 160 44.8 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.702 ng

RT: 9.11 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

Instrument :

BNA_F

ClientSampleId :

PB110604BS

Tgt Ion:216 Resp: 216867

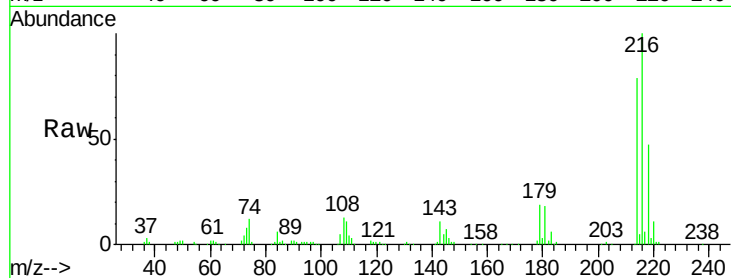
Ion Ratio Lower Upper

216 100

214 79.0 63.0 94.4

179 19.2 18.1 27.1

108 15.6 17.2 25.8#

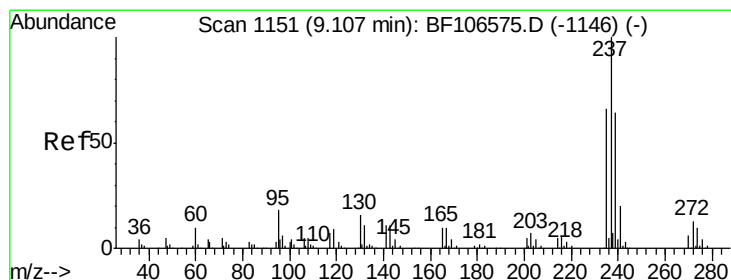
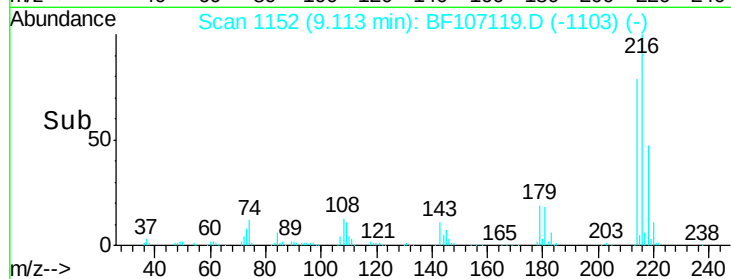
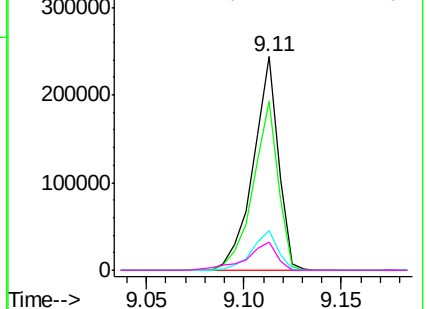


Abundance Ion 216.00 (215.70 to 216.70): E

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: 44.986 ng

RT: 9.09 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

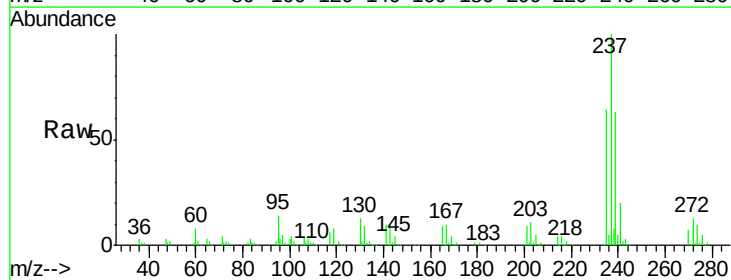
Tgt Ion:237 Resp: 133135

Ion Ratio Lower Upper

237 100

235 63.7 44.8 84.8

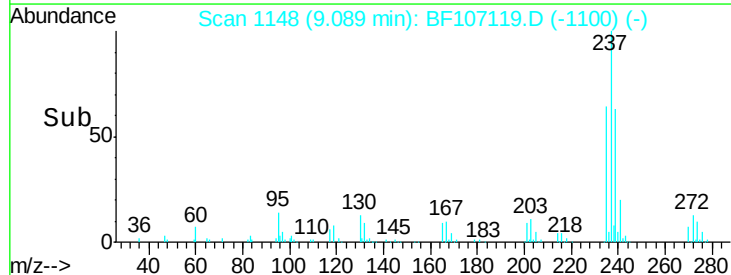
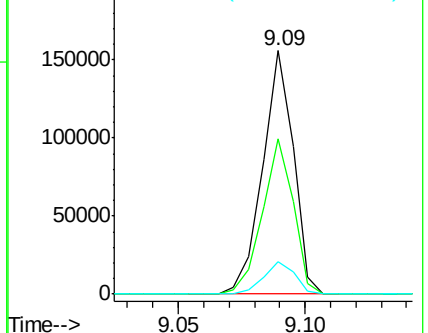
272 13.1 0.0 33.3

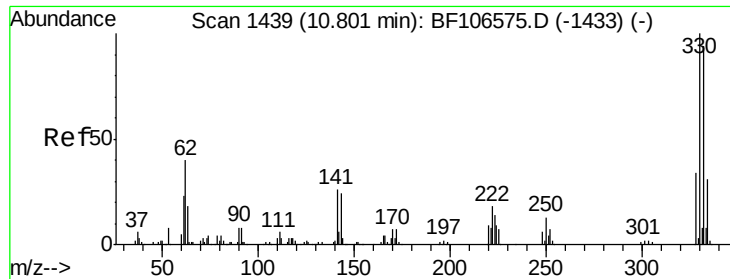


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

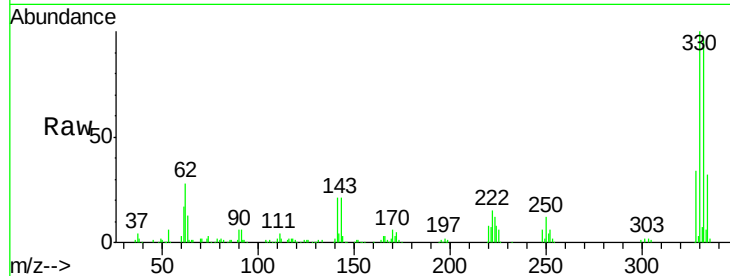




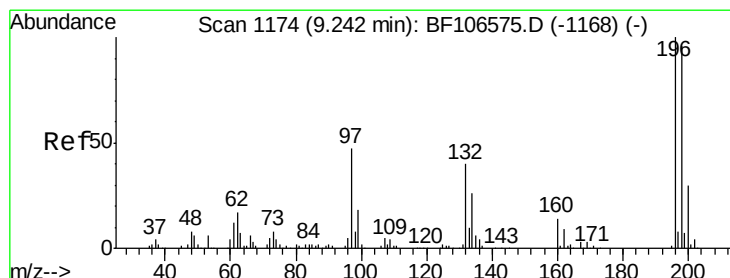
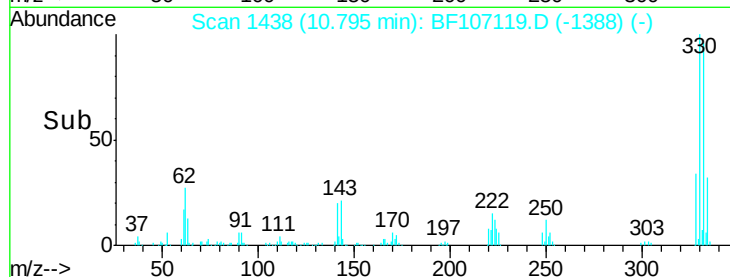
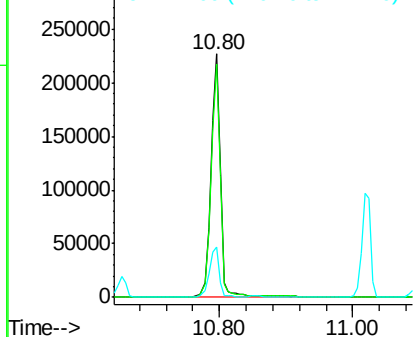
#41
 2,4,6-Tribromophenol
 Concen: 116.541 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107119.D
 Acq: 5 Jul 2018 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB110604BS

Tgt Ion:330 Resp: 230714
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 21.3 29.9 44.9#

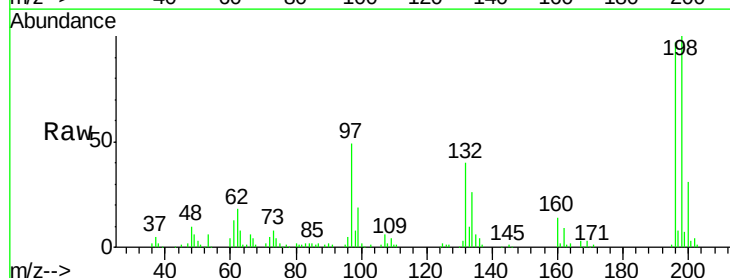


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

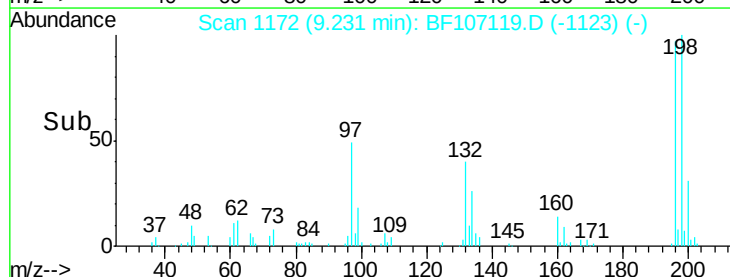
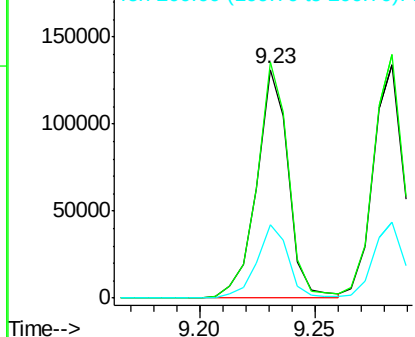


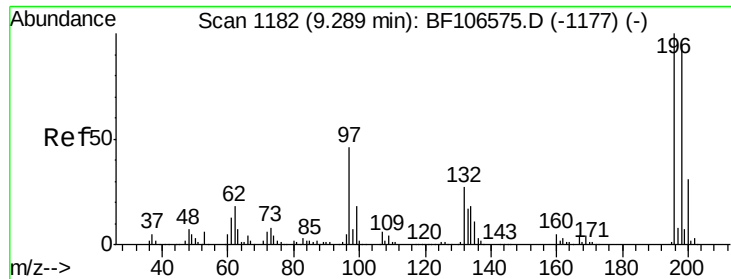
#42
 2,4,6-Trichlorophenol
 Concen: 32.925 ng
 RT: 9.23 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF107119.D
 Acq: 5 Jul 2018 11:46

Tgt Ion:196 Resp: 125891
 Ion Ratio Lower Upper
 196 100
 198 103.3 75.7 113.5
 200 32.2 24.5 36.7



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

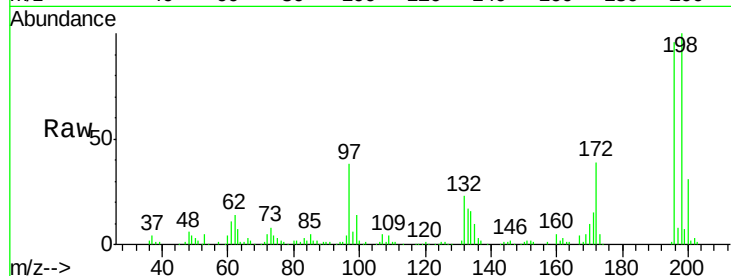




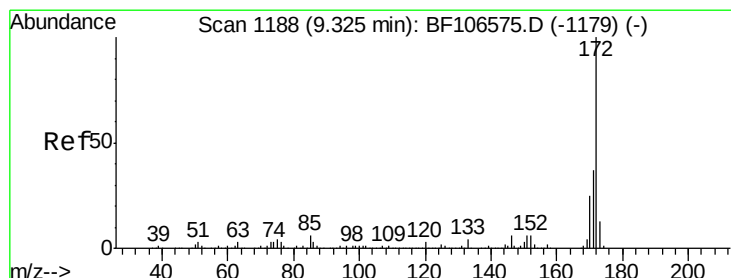
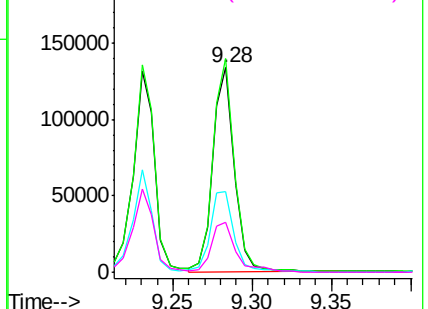
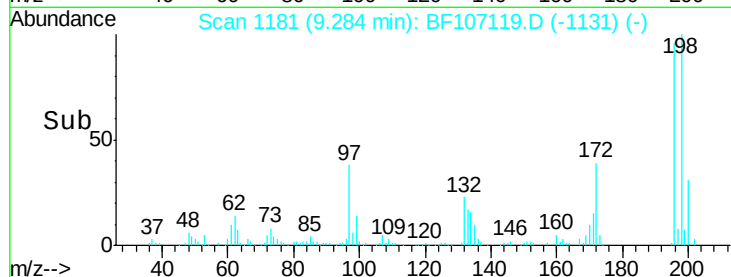
#43
 2,4,5-Trichlorophenol
 Concen: 31.649 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF107119.D
 Acq: 5 Jul 2018 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB110604BS

Tgt Ion:196 Resp: 126272
 Ion Ratio Lower Upper
 196 100
 198 104.3 74.6 112.0
 97 39.6 42.9 64.3#
 132 24.4 26.3 39.5#

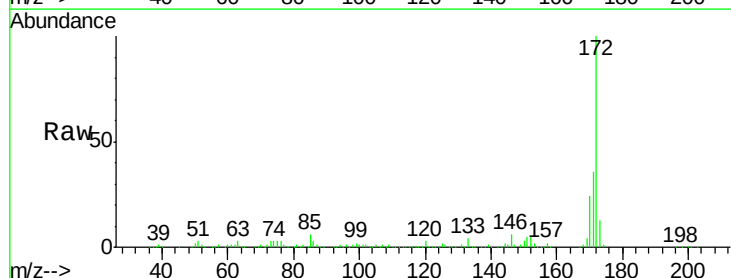


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

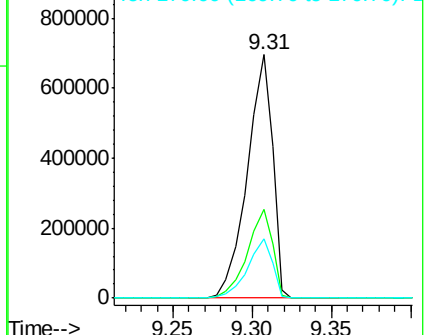
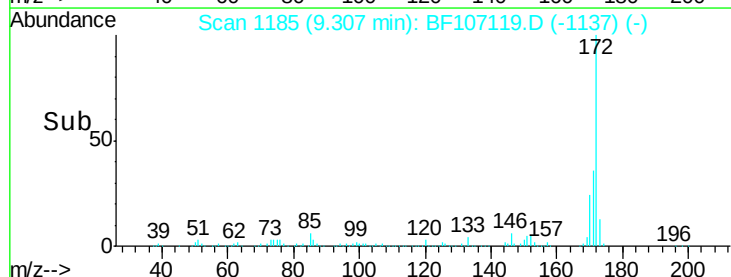


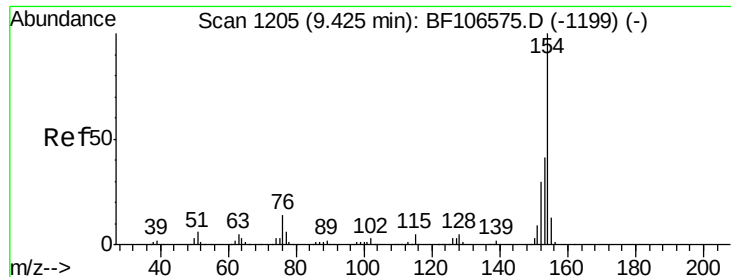
#44
 2-Fluorobiphenyl
 Concen: 74.745 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107119.D
 Acq: 5 Jul 2018 11:46

Tgt Ion:172 Resp: 772226
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.2 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: 36.614 ng

RT: 9.41 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

Instrument :

BNA_F

ClientSampleId :

PB110604BS

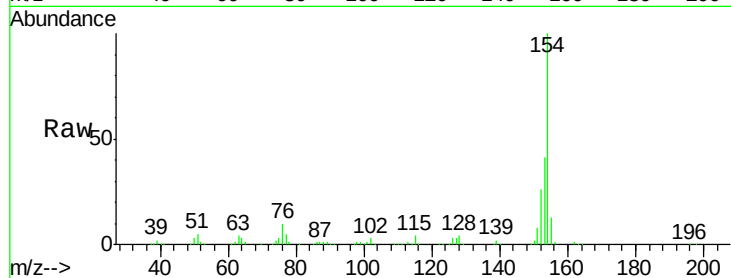
Tgt Ion:154 Resp: 498411

Ion Ratio Lower Upper

154 100

153 41.0 21.3 61.3

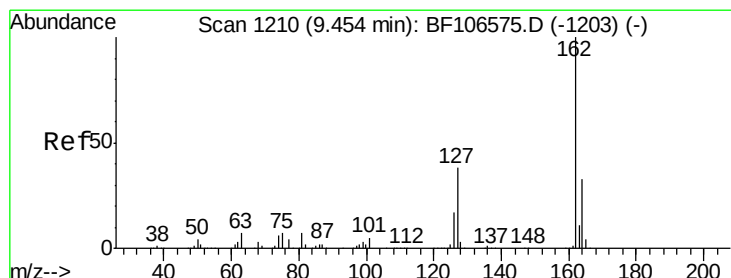
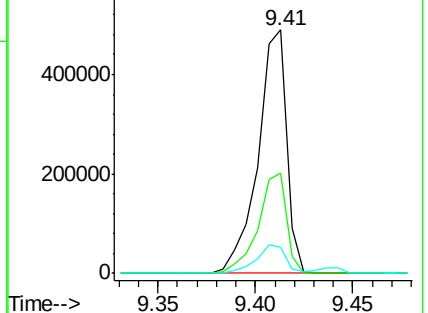
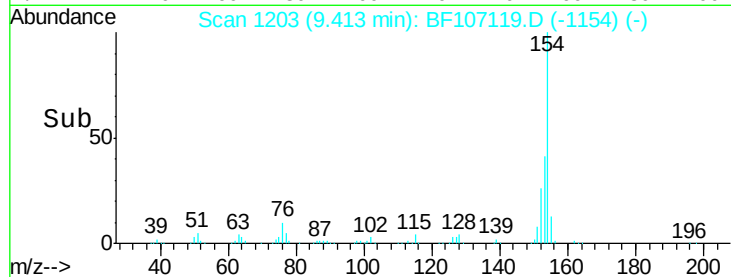
76 10.5 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 34.220 ng

RT: 9.44 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

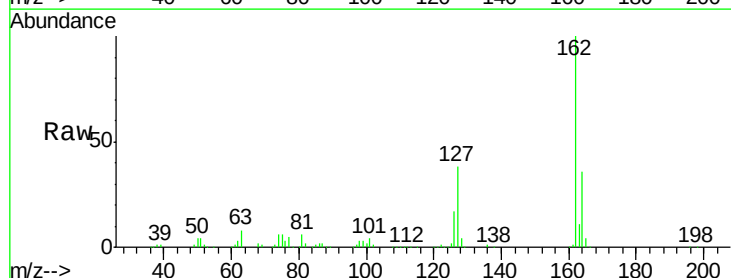
Tgt Ion:162 Resp: 366662

Ion Ratio Lower Upper

162 100

127 37.8 33.9 50.9

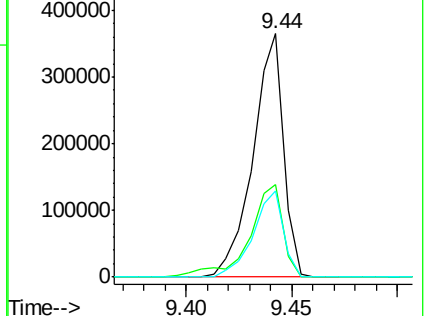
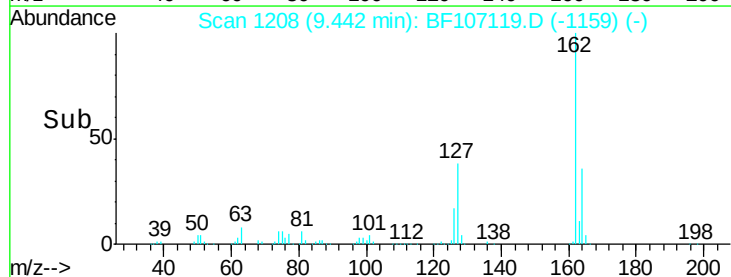
164 35.5 26.5 39.7

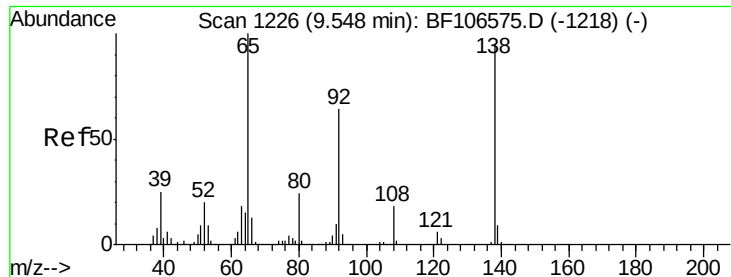


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

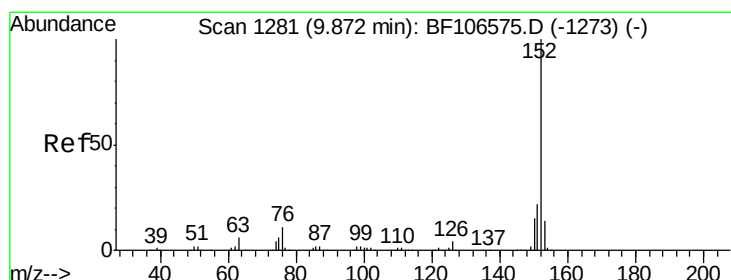
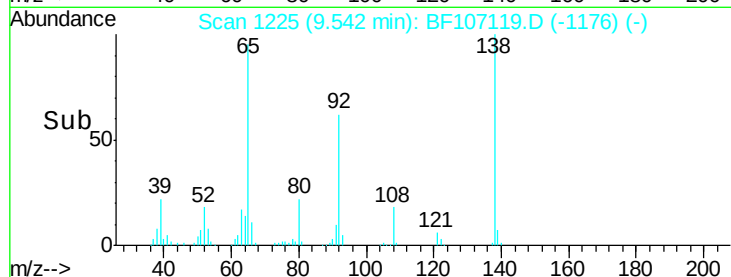
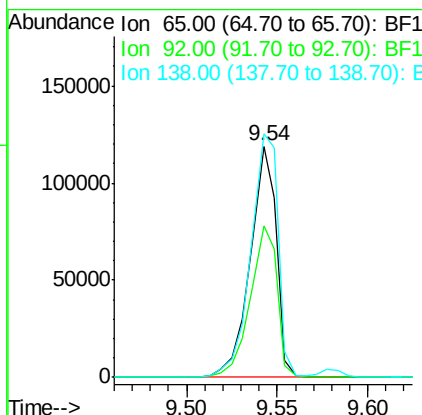
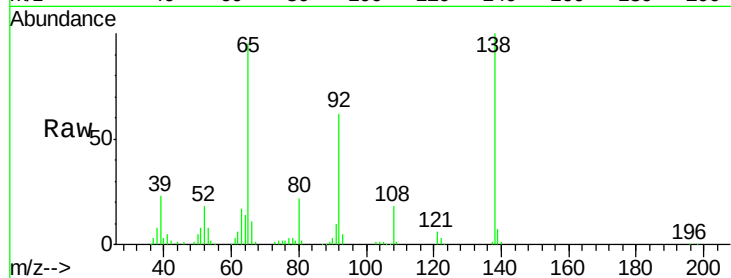




#47
2-Nitroaniline
Concen: 32.864 ng
RT: 9.54 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

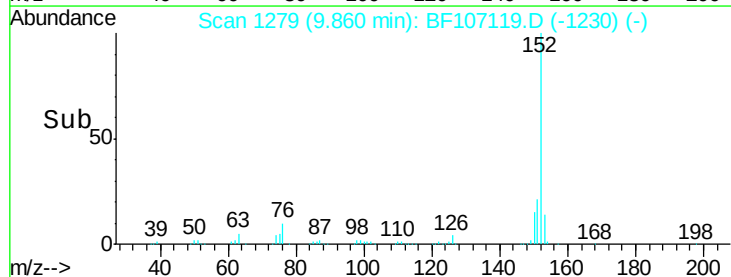
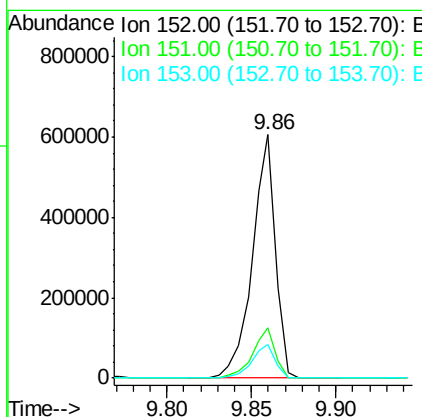
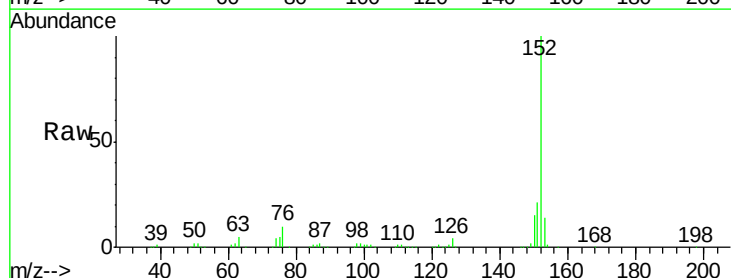
Instrument :
BNA_F
ClientSampleId :
PB110604BS

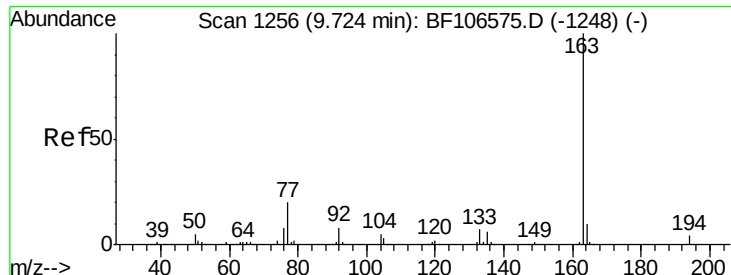
Tgt Ion: 65 Resp: 118411
Ion Ratio Lower Upper
65 100
92 65.4 55.8 83.6
138 105.4 91.2 136.8



#48
Acenaphthylene
Concen: 33.988 ng
RT: 9.86 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Tgt Ion: 152 Resp: 574963
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 14.0 10.7 16.1

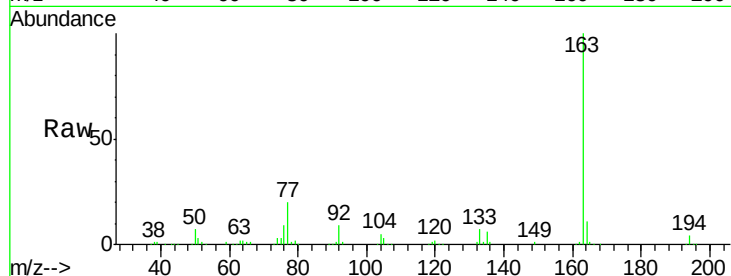




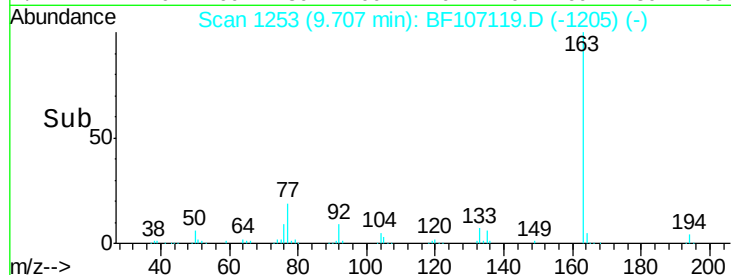
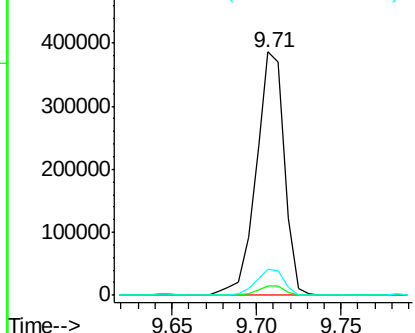
#49
Dimethylphthalate
Concen: 34.778 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Instrument :
BNA_F
ClientSampleId :
PB110604BS

Tgt Ion:163 Resp: 445534
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.7 8.2 12.2

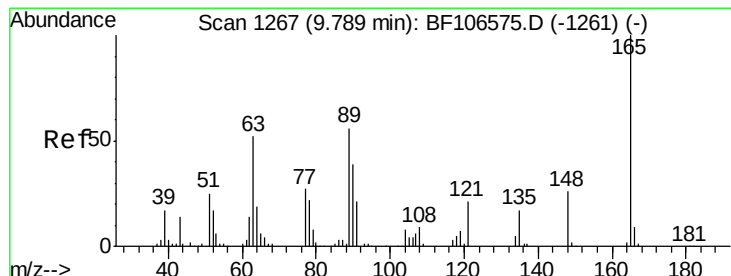


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

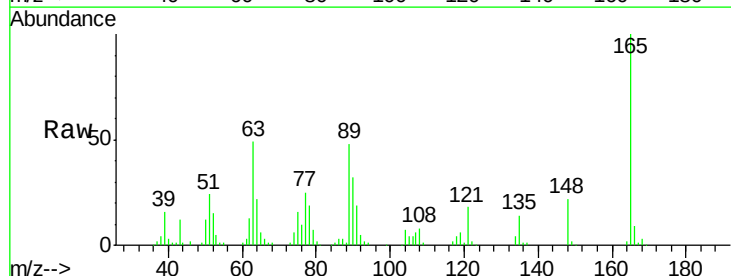
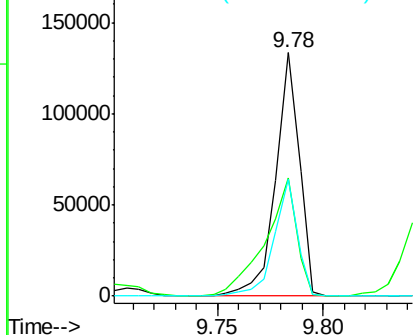


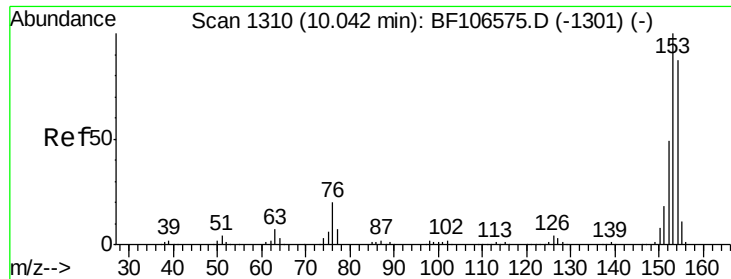
#50
2,6-Dinitrotoluene
Concen: 38.647 ng
RT: 9.78 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Tgt Ion:165 Resp: 104839
Ion Ratio Lower Upper
165 100
63 48.5 44.7 67.1
89 47.8 44.0 66.0



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





#51

Acenaphthene

Concen: 32.891 ng

RT: 10.03 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

Instrument :

BNA_F

ClientSampleId :

PB110604BS

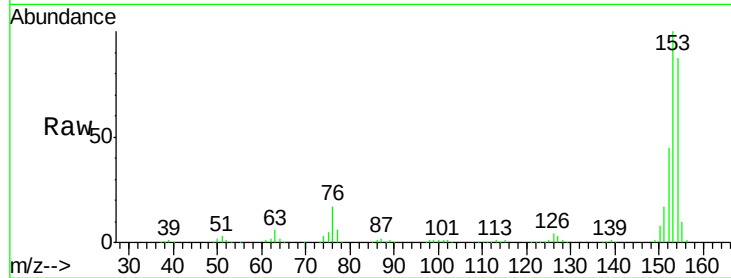
Tgt Ion:154 Resp: 350375

Ion Ratio Lower Upper

154 100

153 114.5 91.2 136.8

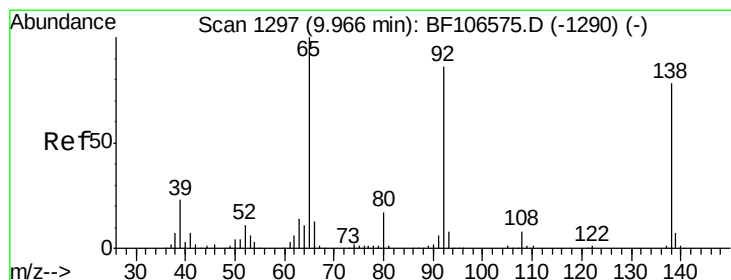
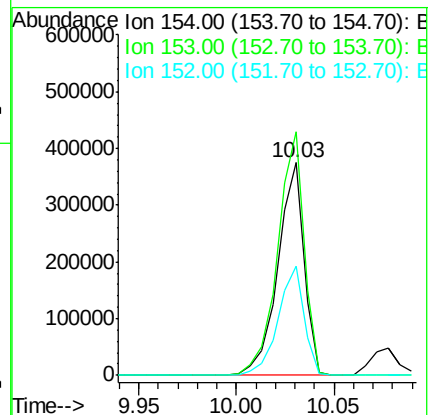
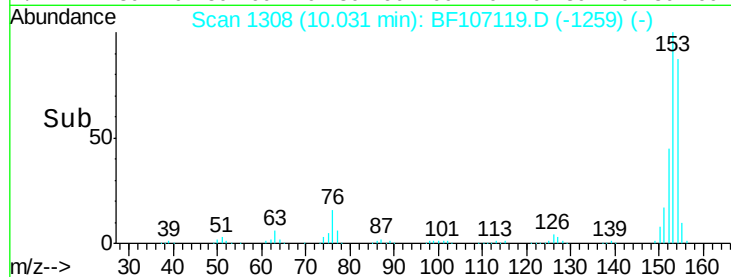
152 51.5 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.426 ng

RT: 9.95 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

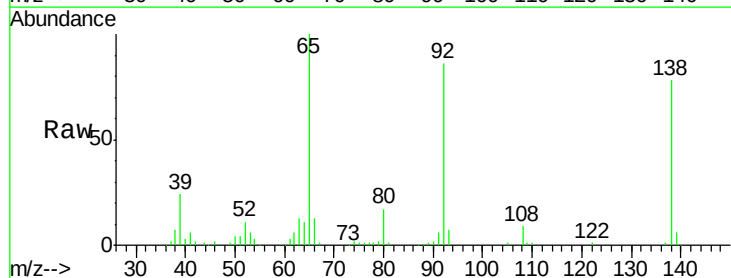
Tgt Ion:138 Resp: 66882

Ion Ratio Lower Upper

138 100

108 11.2 9.4 14.0

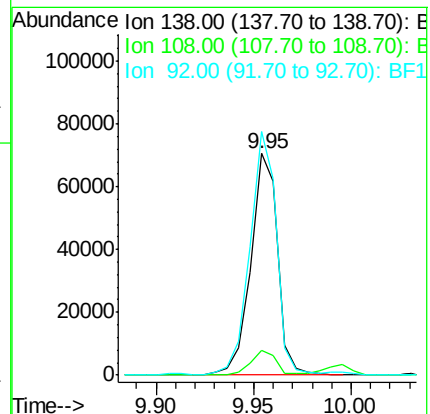
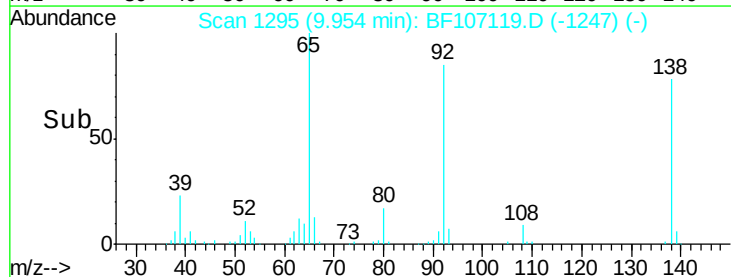
92 110.0 89.4 134.2

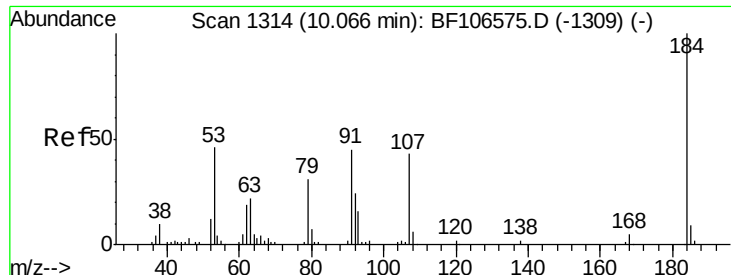


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

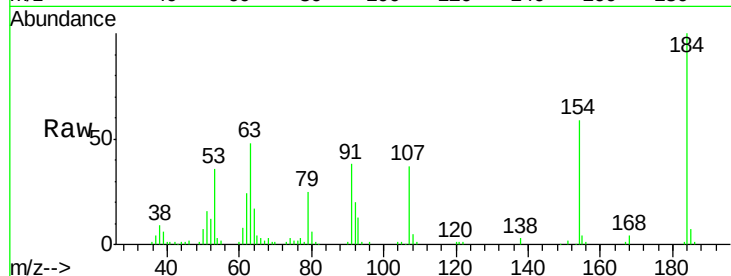




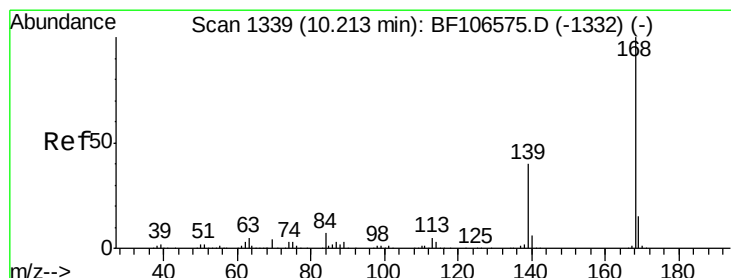
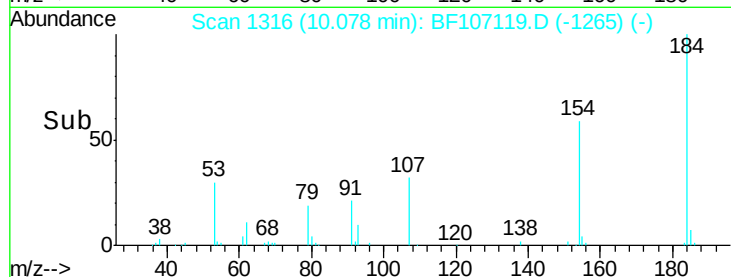
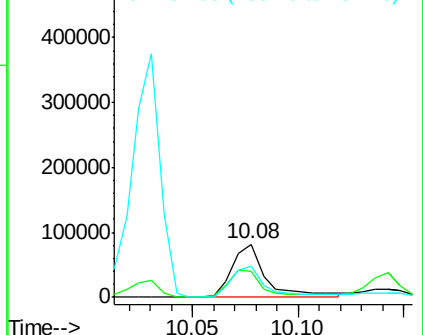
#53
2,4-Dinitrophenol
Concen: 65.449 ng
RT: 10.08 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Instrument :
BNA_F
ClientSampleId :
PB110604BS

Tgt Ion:184 Resp: 90838
Ion Ratio Lower Upper
184 100
63 48.4 54.2 81.2#
154 59.2 184.0 276.0#

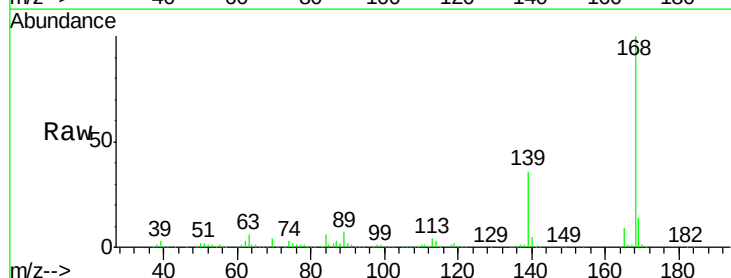


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

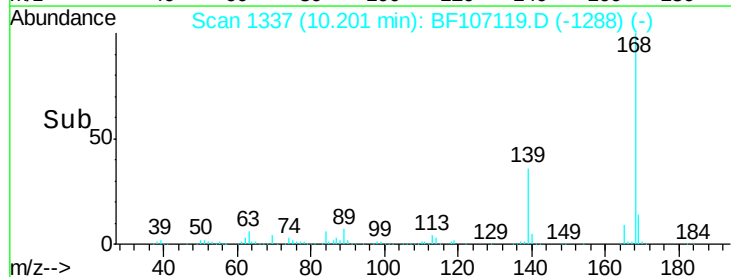
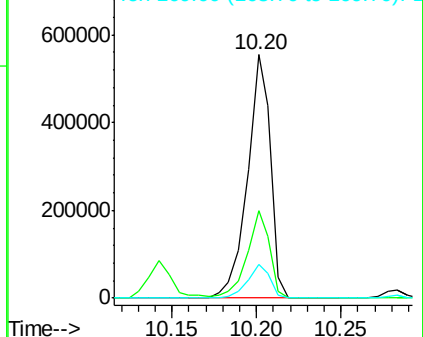


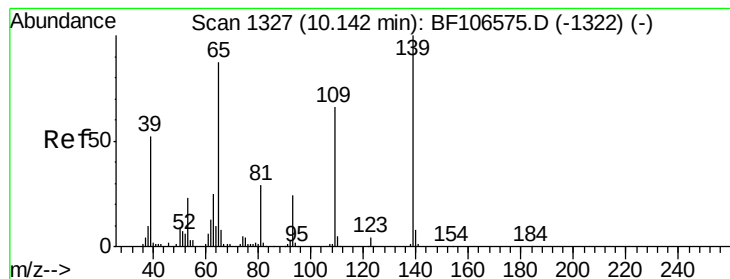
#54
Dibenzofuran
Concen: 36.208 ng
RT: 10.20 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Tgt Ion:168 Resp: 528158
Ion Ratio Lower Upper
168 100
139 35.8 30.1 45.1
169 13.9 10.9 16.3



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





#55

4-Nitrophenol

Concen: 38.105 ng

RT: 10.14 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

Instrument :

BNA_F

ClientSampleId :

PB110604BS

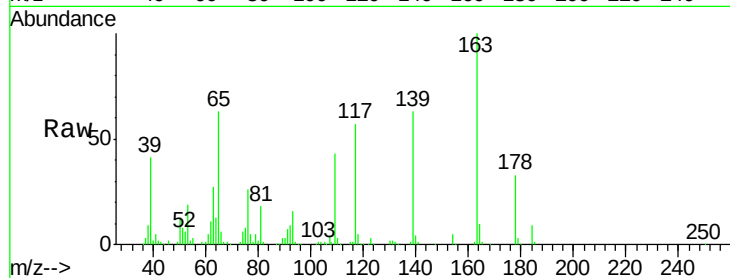
Tgt Ion:139 Resp: 83027

Ion Ratio Lower Upper

139 100

109 68.6 48.4 88.4

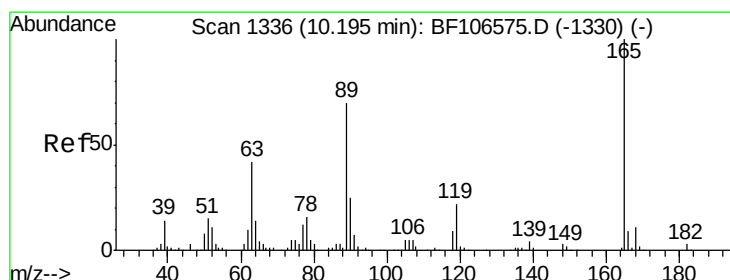
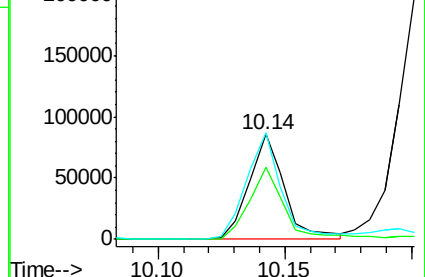
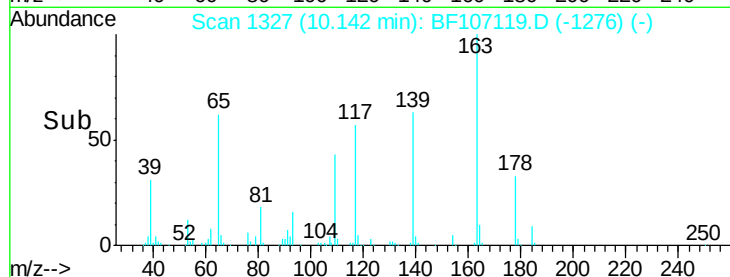
65 100.8 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 37.658 ng

RT: 10.20 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

Tgt Ion:165 Resp: 133340

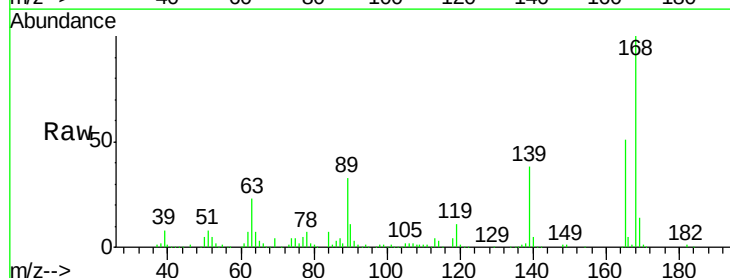
Ion Ratio Lower Upper

165 100

63 44.1 36.4 54.6

89 64.5 57.8 86.6

182 2.4 1.6 2.4#

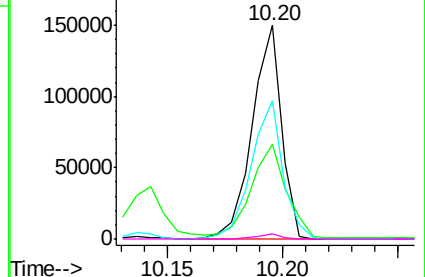
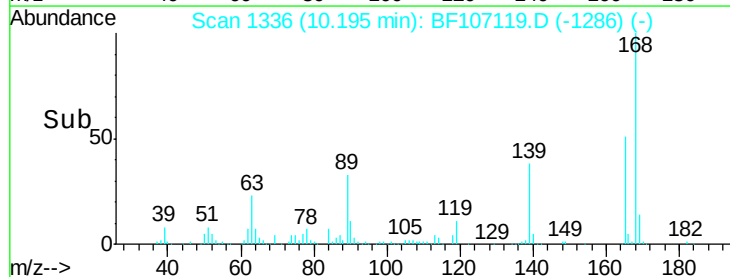


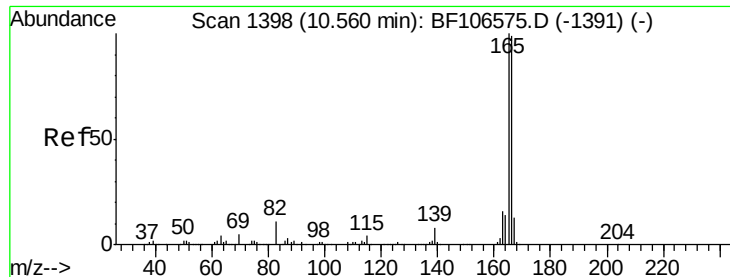
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

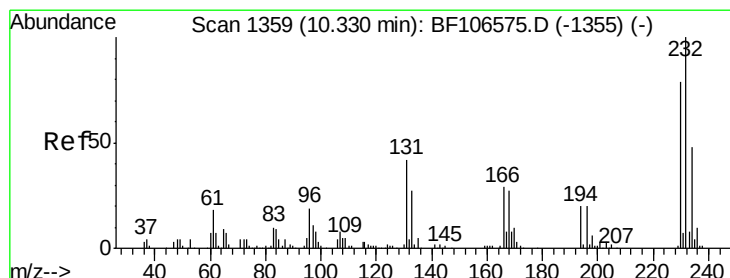
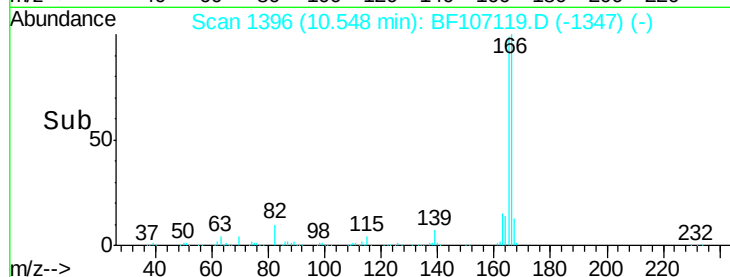
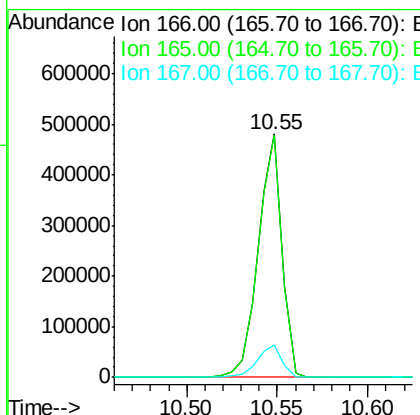
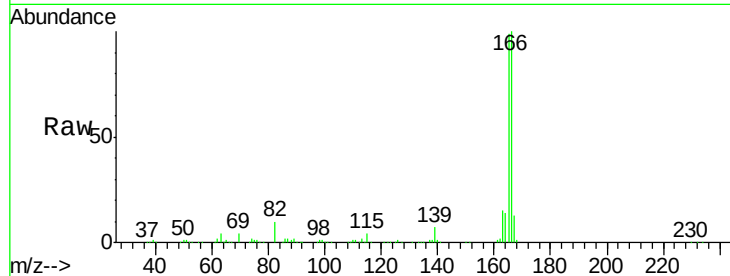




#57
 Fluorene
 Concen: 37.392 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF107119.D
 Acq: 5 Jul 2018 11:46

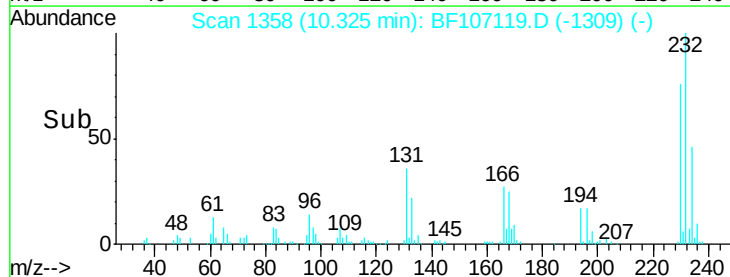
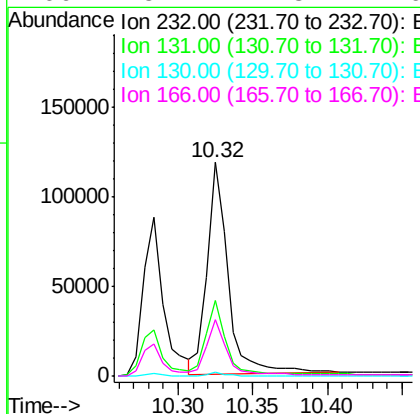
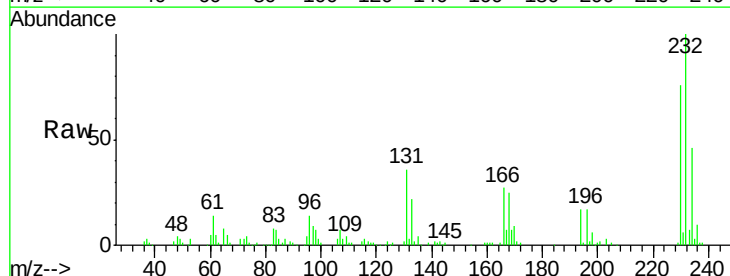
Instrument :
 BNA_F
 ClientSampleId :
 PB110604BS

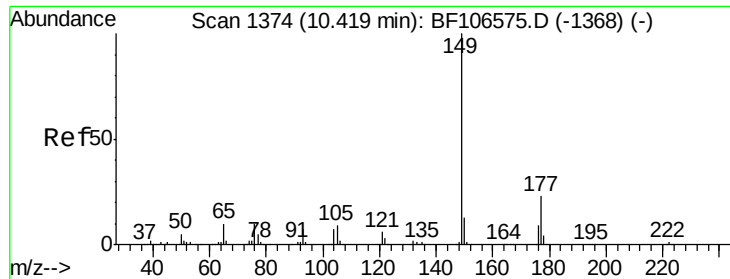
Tgt Ion:166 Resp: 432810
 Ion Ratio Lower Upper
 166 100
 165 99.5 79.8 119.8
 167 13.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.073 ng
 RT: 10.32 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF107119.D
 Acq: 5 Jul 2018 11:46

Tgt Ion:232 Resp: 114408
 Ion Ratio Lower Upper
 232 100
 131 33.3 43.8 65.8#
 130 1.4 2.1 3.1#
 166 25.4 27.8 41.6#

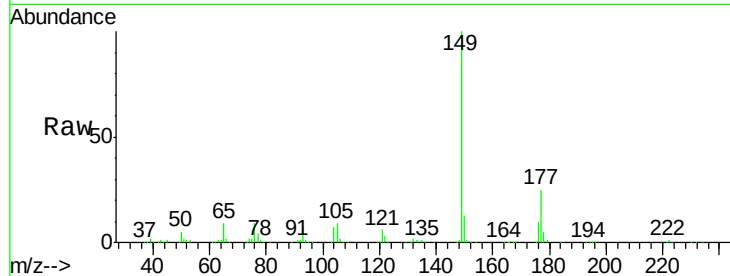




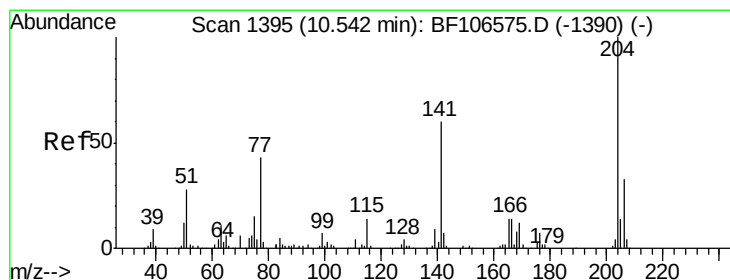
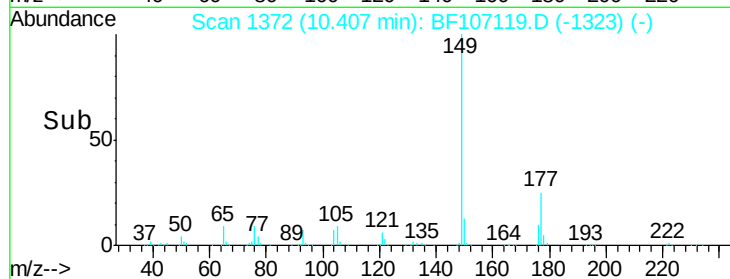
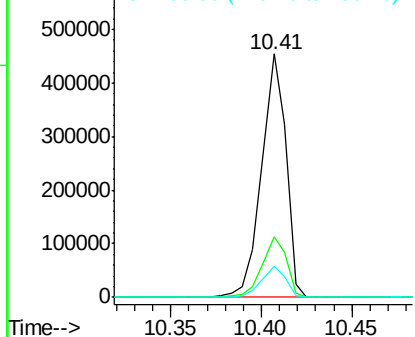
#59
Diethylphthalate
Concen: 34.468 ng
RT: 10.41 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Instrument :
BNA_F
ClientSampleId :
PB110604BS

Tgt Ion:149 Resp: 426177
Ion Ratio Lower Upper
149 100
177 24.8 16.1 24.1#
150 12.6 10.1 15.1

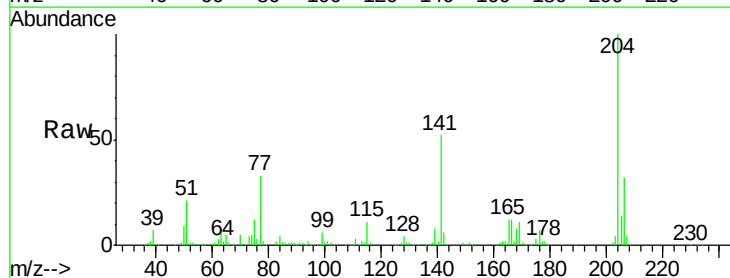


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

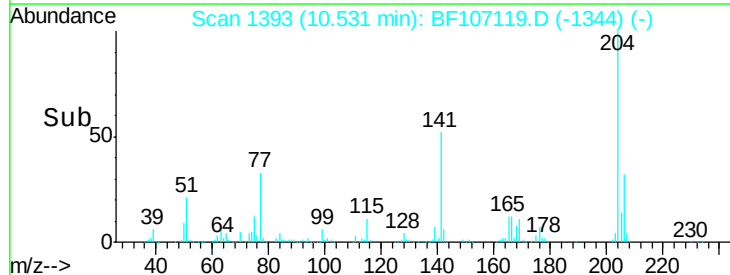
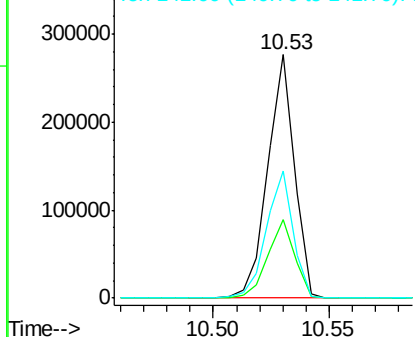


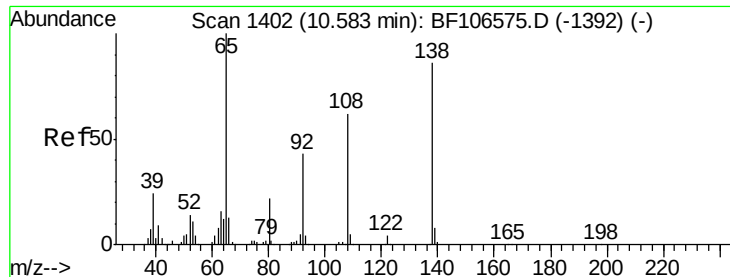
#60
4-Chlorophenyl-phenylether
Concen: 36.824 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Tgt Ion:204 Resp: 223022
Ion Ratio Lower Upper
204 100
206 32.3 26.5 39.7
141 52.0 54.6 81.8#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 36.698 ng

RT: 10.58 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

Instrument :

BNA_F

ClientSampleId :

PB110604BS

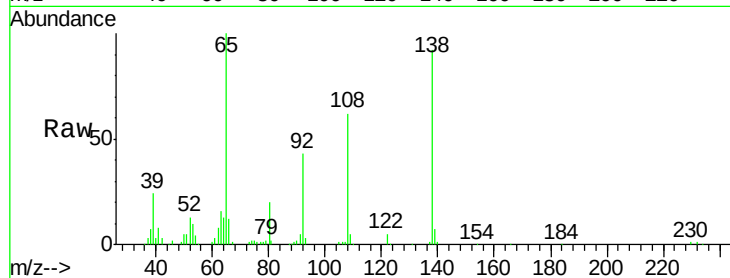
Tgt Ion:138 Resp: 113691

Ion Ratio Lower Upper

138 100

92 46.6 30.2 70.2

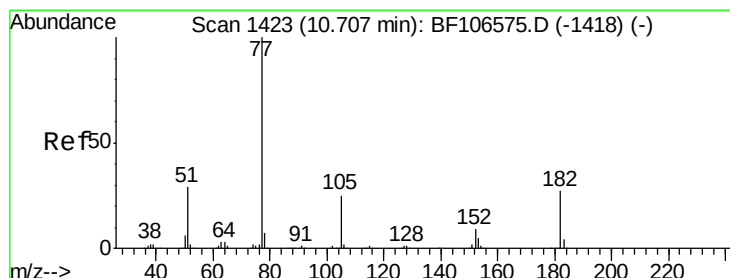
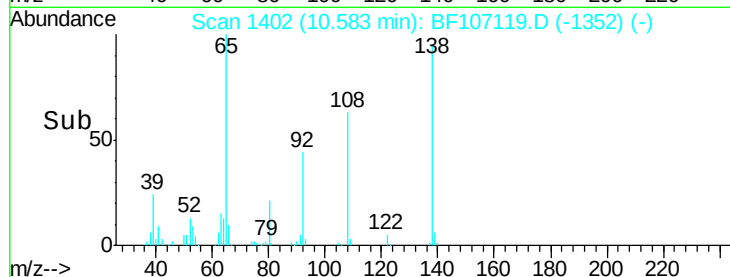
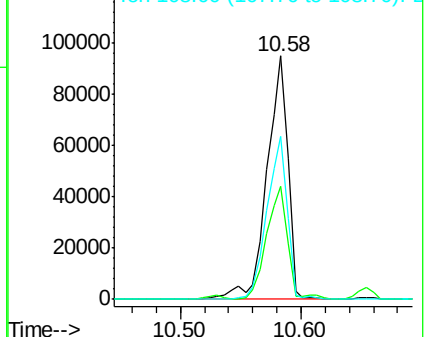
108 67.0 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 33.485 ng

RT: 10.70 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

Tgt Ion: 77 Resp: 407711

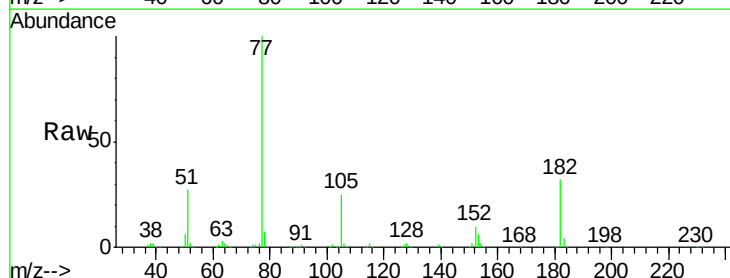
Ion Ratio Lower Upper

77 100

182 31.7 1.7 41.7

105 25.4 3.0 43.0

51 27.0 9.9 49.9

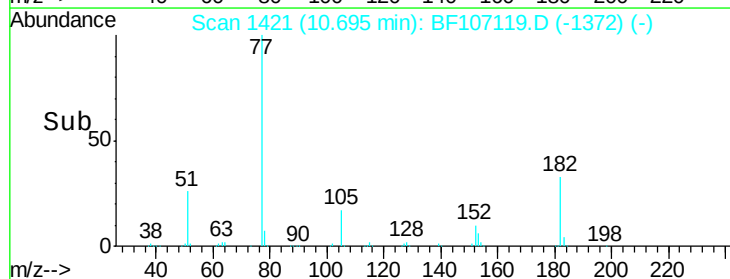
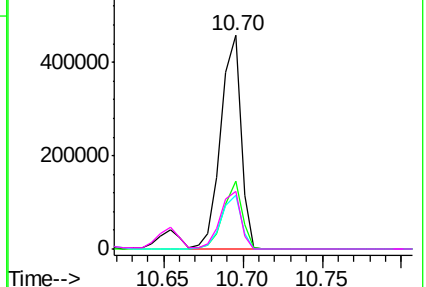


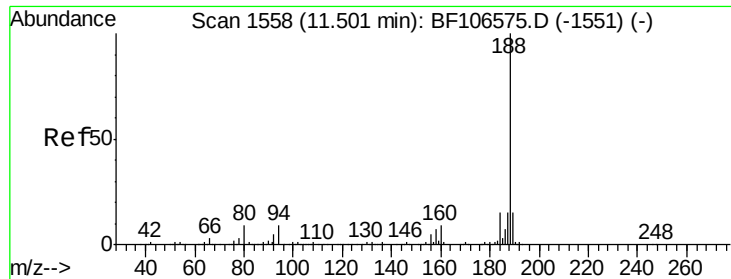
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

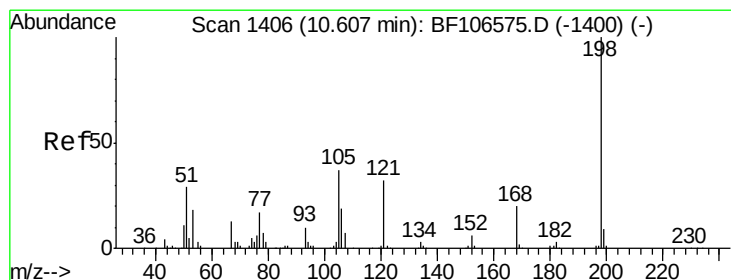
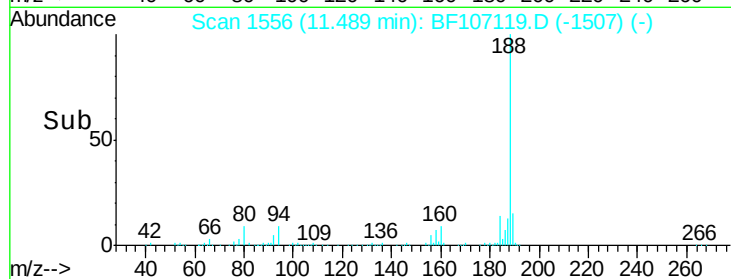
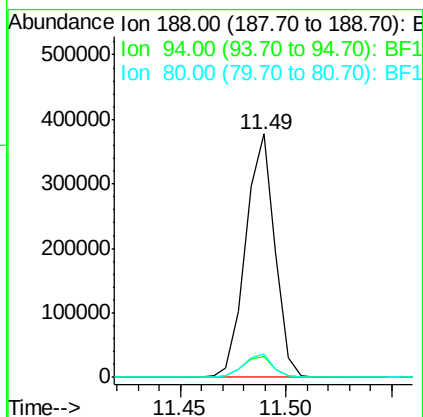
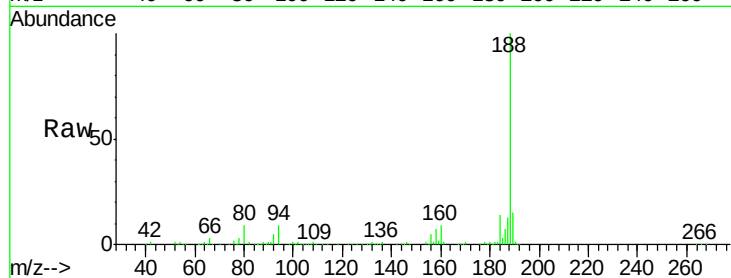




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

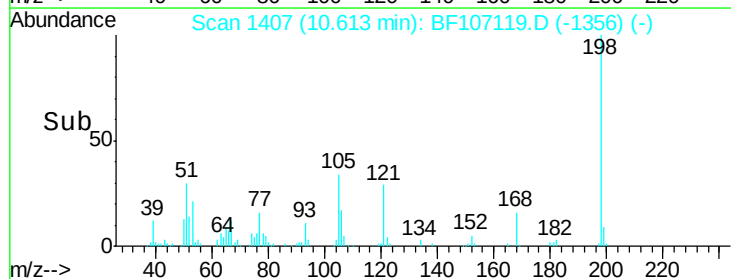
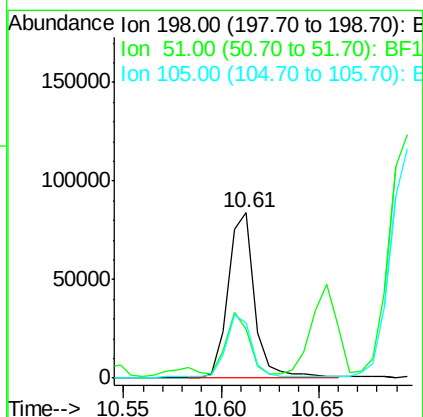
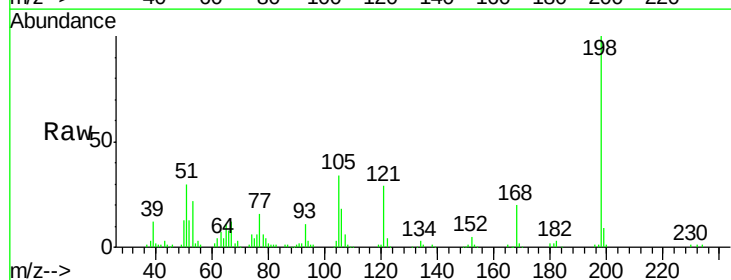
Instrument :
BNA_F
ClientSampleId :
PB110604BS

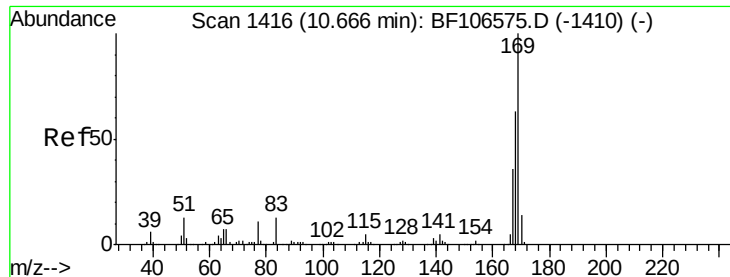
Tgt Ion:188 Resp: 360207
Ion Ratio Lower Upper
188 100
94 8.6 8.5 12.7
80 9.4 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 35.736 ng
RT: 10.61 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Tgt Ion:198 Resp: 79569
Ion Ratio Lower Upper
198 100
51 29.8 37.7 77.7#
105 33.7 36.3 76.3#





#65

n-Nitrosodiphenylamine

Concen: 31.673 ng

RT: 10.65 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

Instrument :

BNA_F

ClientSampleId :

PB110604BS

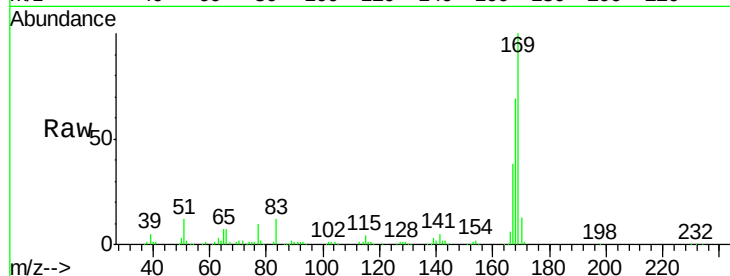
Tgt Ion:169 Resp: 383736

Ion Ratio Lower Upper

169 100

168 68.6 54.4 81.6

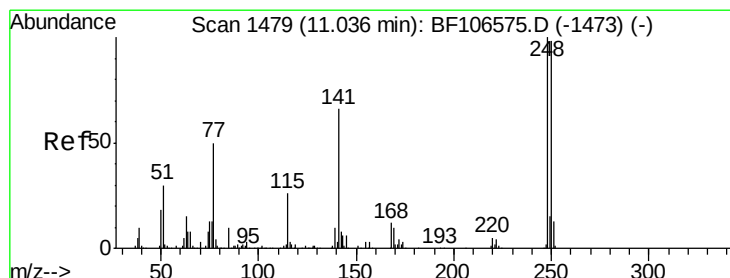
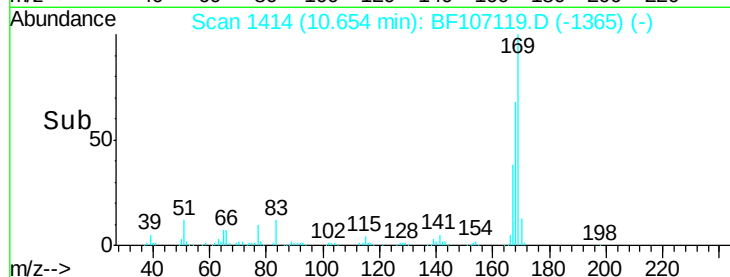
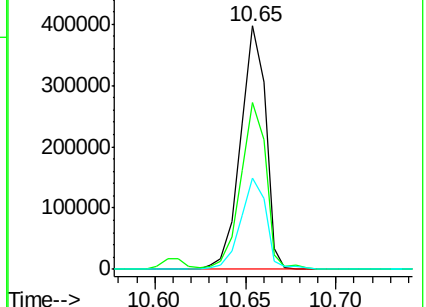
167 37.5 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.007 ng

RT: 11.02 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

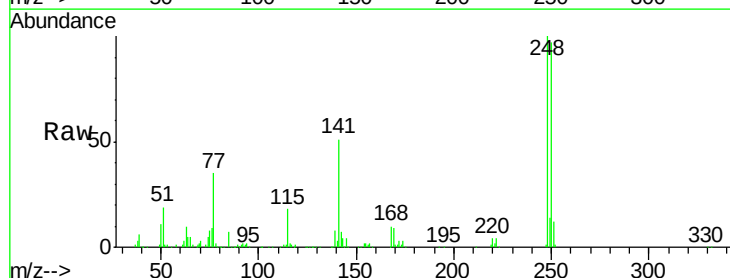
Tgt Ion:248 Resp: 159090

Ion Ratio Lower Upper

248 100

250 97.2 76.9 115.3

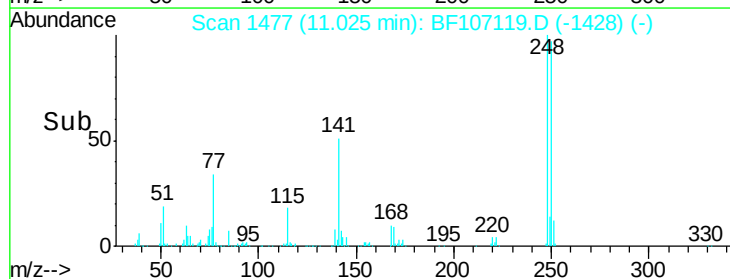
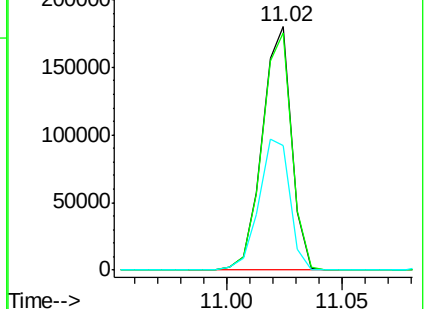
141 51.1 74.4 111.6#

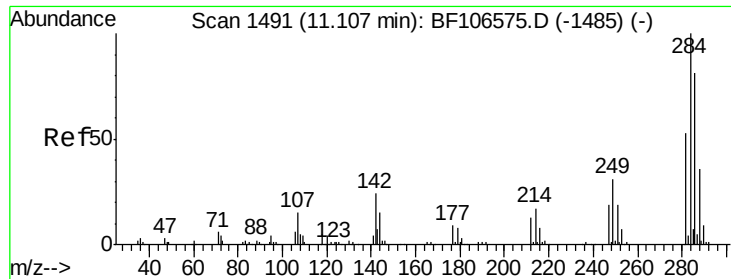


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

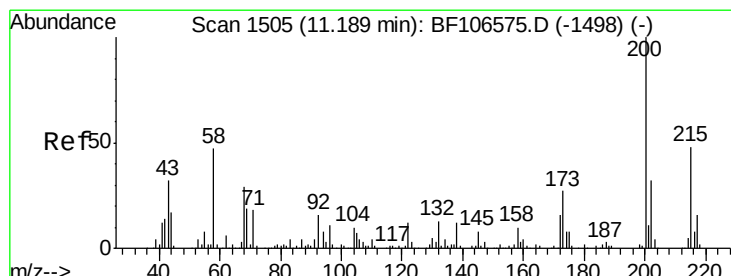
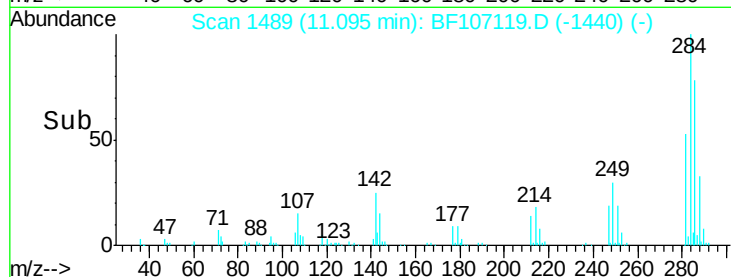
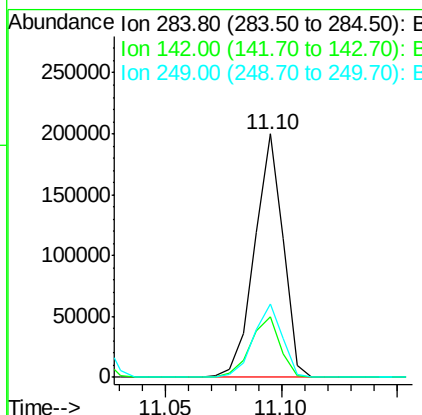
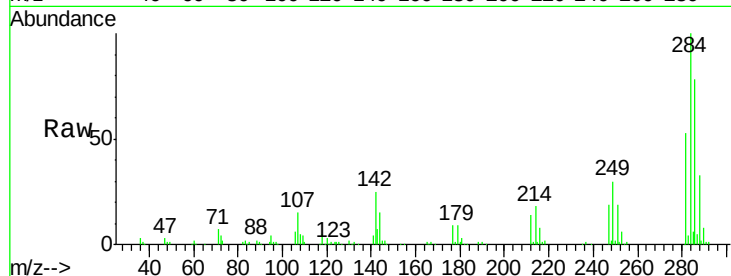




#67
Hexachlorobenzene
Concen: 38.357 ng
RT: 11.10 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

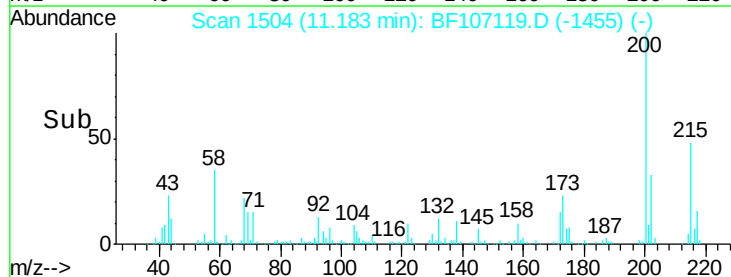
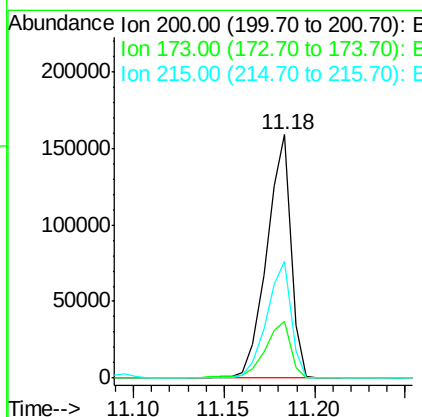
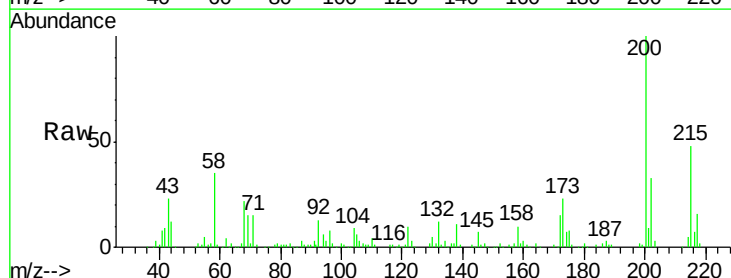
Instrument :
BNA_F
ClientSampleId :
PB110604BS

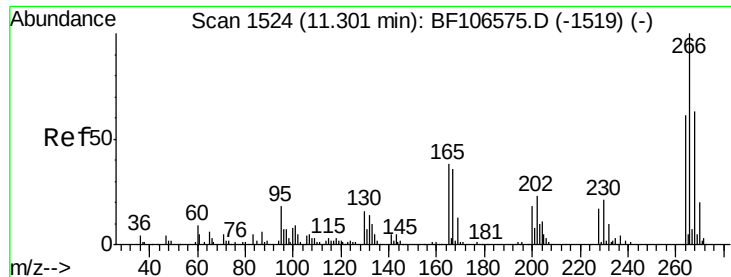
Tgt Ion:284 Resp: 172582
Ion Ratio Lower Upper
284 100
142 25.0 34.6 52.0#
249 30.0 24.8 37.2



#68
Atrazine
Concen: 38.074 ng
RT: 11.18 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Tgt Ion:200 Resp: 146646
Ion Ratio Lower Upper
200 100
173 23.4 8.6 48.6
215 48.1 25.1 65.1

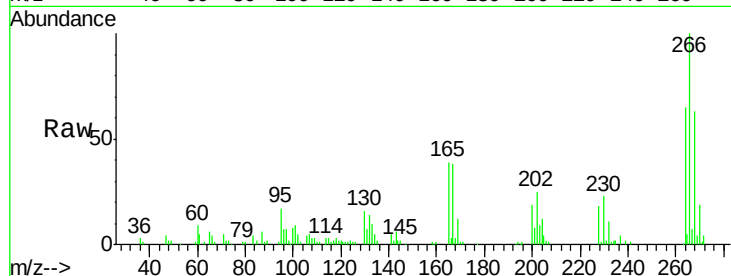




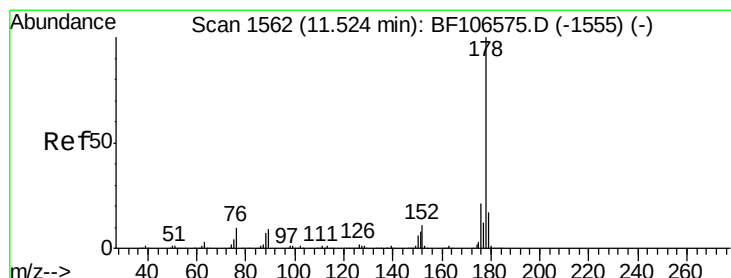
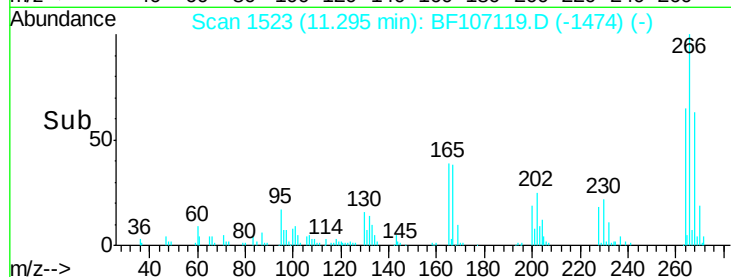
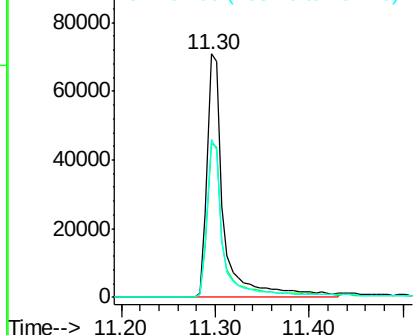
#69
 Pentachlorophenol
 Concen: 40.169 ng
 RT: 11.30 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF107119.D
 Acq: 5 Jul 2018 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB110604BS

Tgt Ion:266 Resp: 90180
 Ion Ratio Lower Upper
 266 100
 268 63.4 51.1 76.7
 264 64.8 49.5 74.3

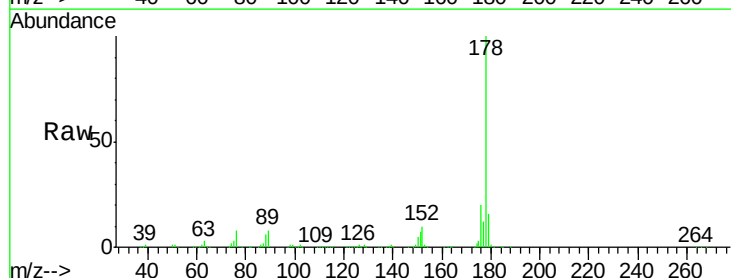


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

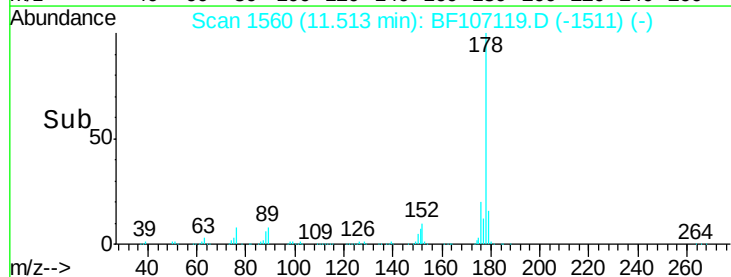
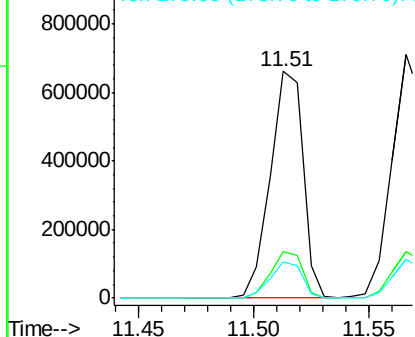


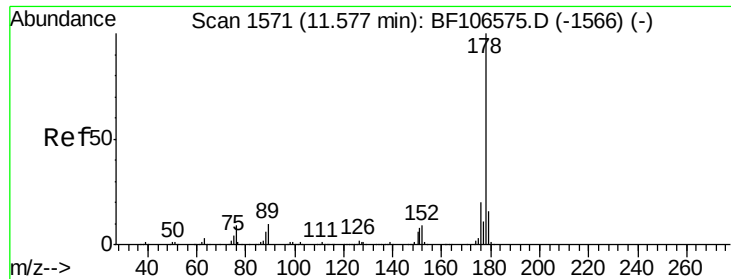
#70
 Phenanthrene
 Concen: 37.663 ng
 RT: 11.51 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF107119.D
 Acq: 5 Jul 2018 11:46

Tgt Ion:178 Resp: 654335
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.8 23.8
 179 15.8 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

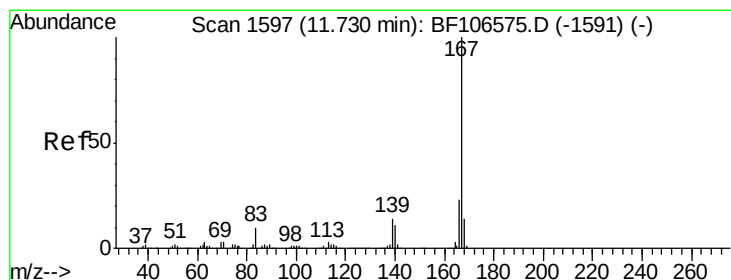
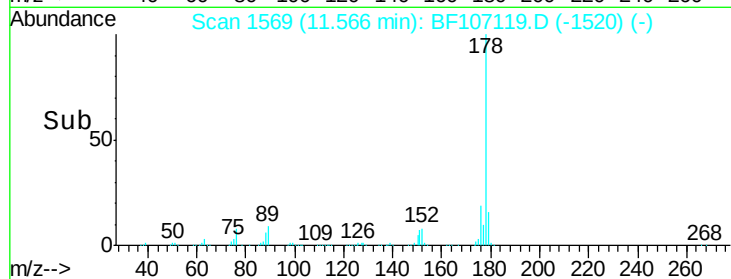
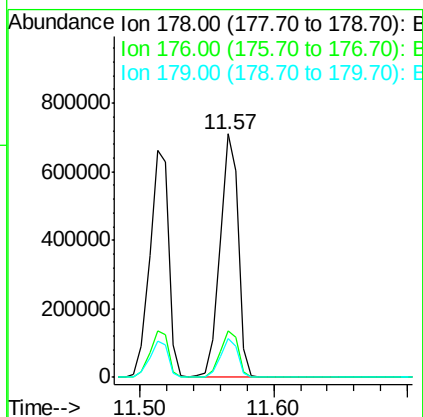
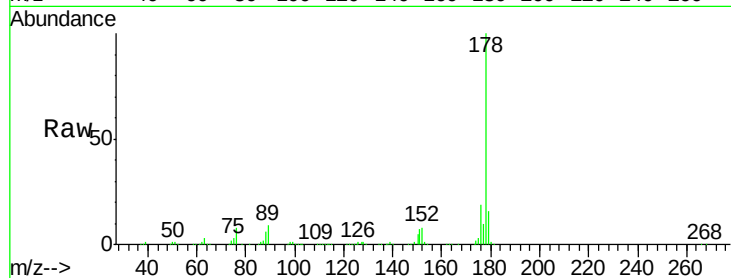




#71
 Anthracene
 Concen: 38.473 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF107119.D
 Acq: 5 Jul 2018 11:46

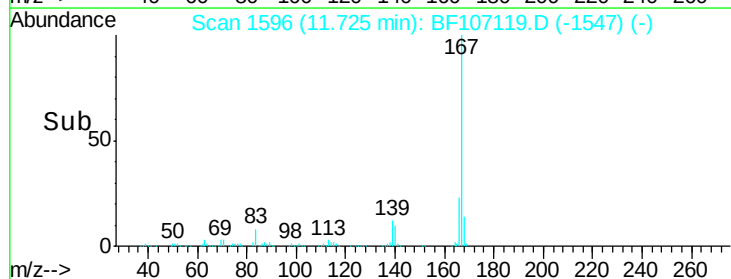
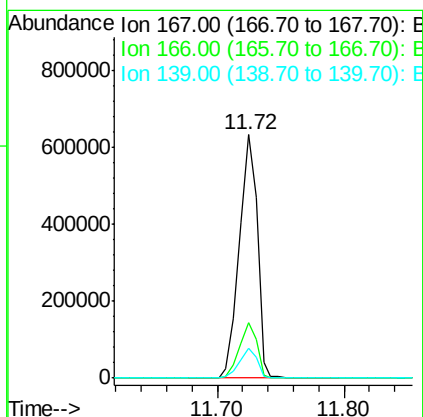
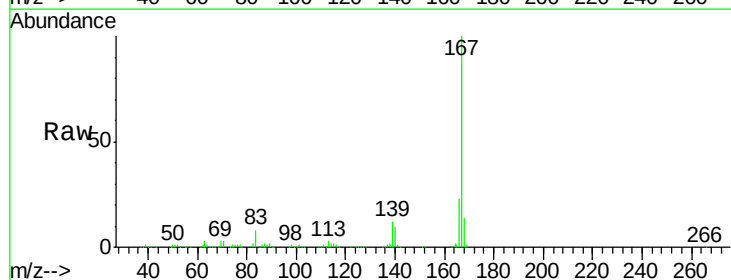
Instrument :
 BNA_F
 ClientSampleId :
 PB110604BS

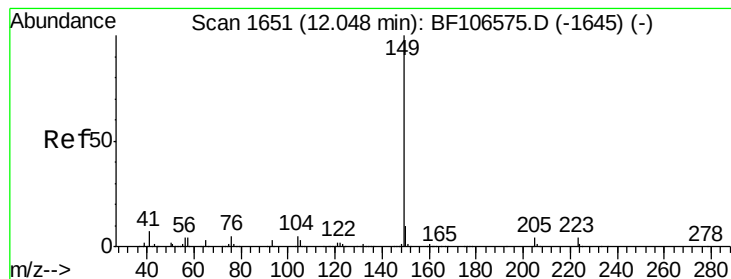
Tgt Ion:178 Resp: 682250
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 37.187 ng
 RT: 11.72 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF107119.D
 Acq: 5 Jul 2018 11:46

Tgt Ion:167 Resp: 617406
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.6 26.4
 139 12.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 35.175 ng

RT: 12.03 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

Instrument :

BNA_F

ClientSampleId :

PB110604BS

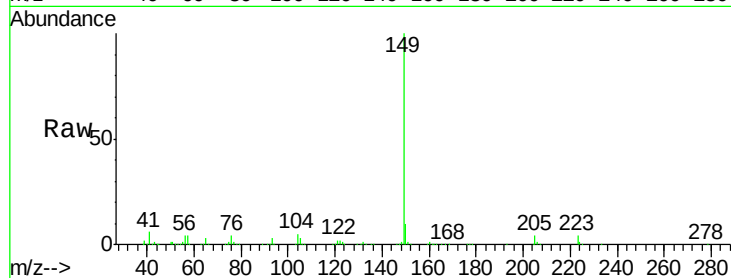
Tgt Ion:149 Resp: 688005

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

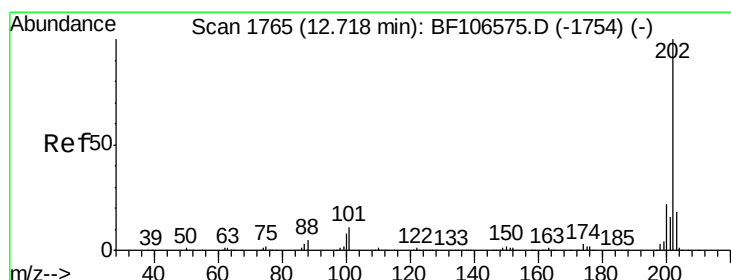
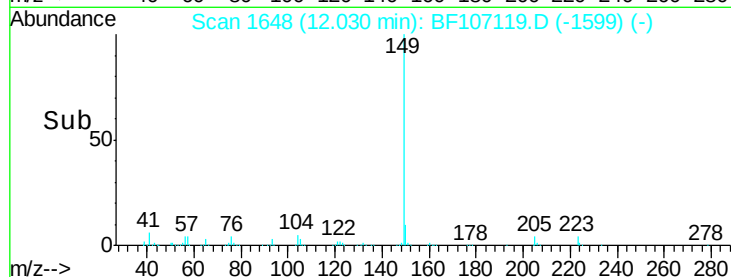
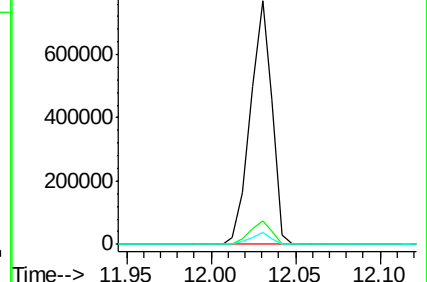
104 4.7 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.589 ng

RT: 12.71 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

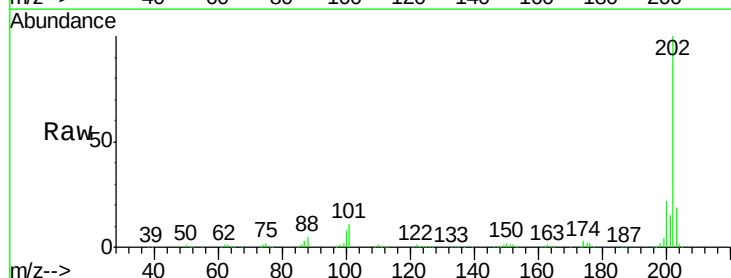
Tgt Ion:202 Resp: 758091

Ion Ratio Lower Upper

202 100

101 10.7 0.0 34.1

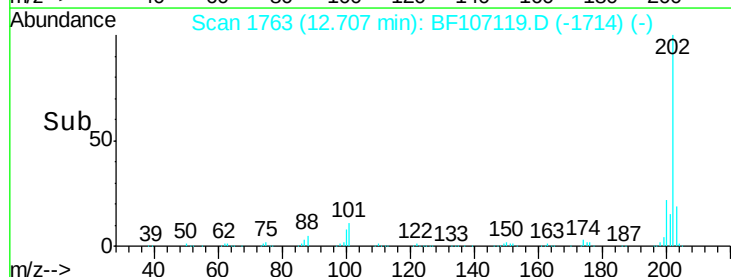
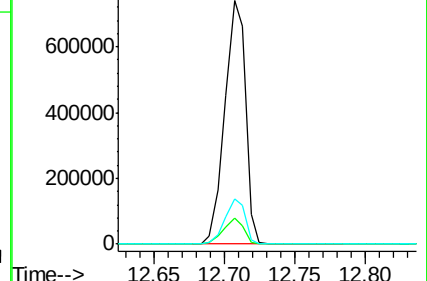
203 18.6 0.0 38.1

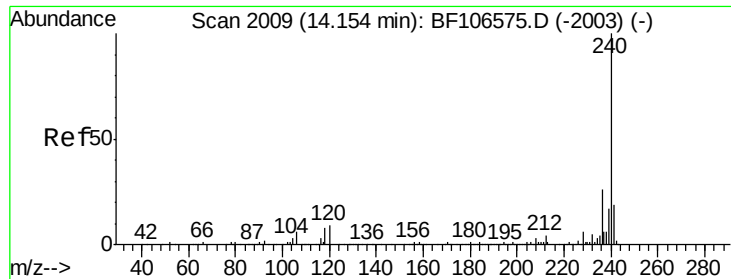


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

Instrument :

BNA_F

ClientSampleId :

PB110604BS

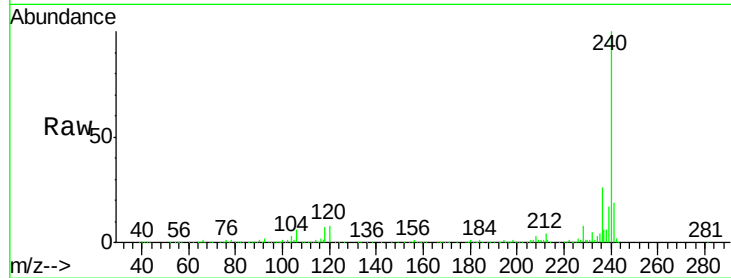
Tgt Ion:240 Resp: 320364

Ion Ratio Lower Upper

240 100

120 7.7 9.5 14.3#

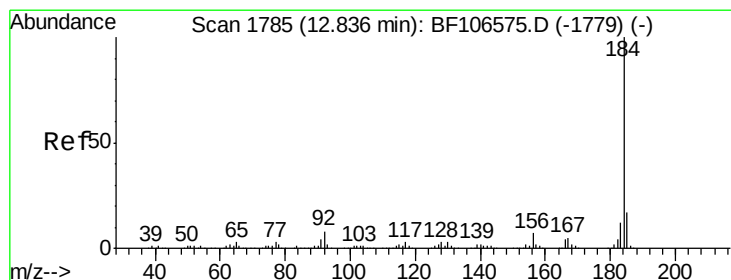
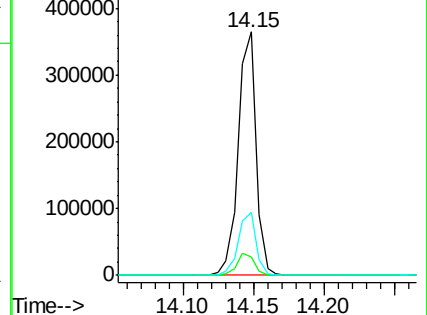
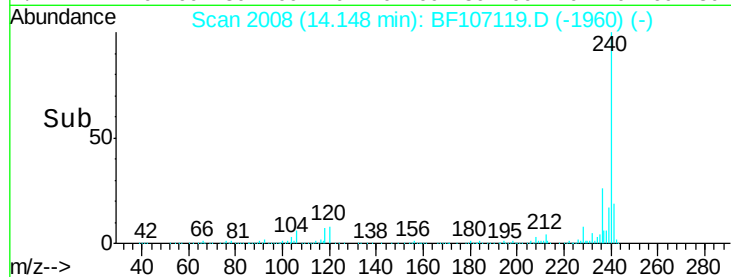
236 25.9 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 30.228 ng

RT: 12.82 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

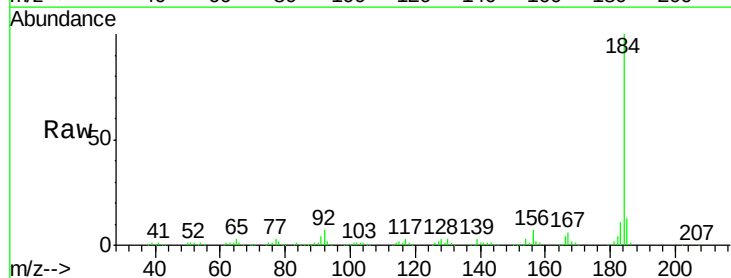
Tgt Ion:184 Resp: 275794

Ion Ratio Lower Upper

184 100

185 13.5 12.6 18.8

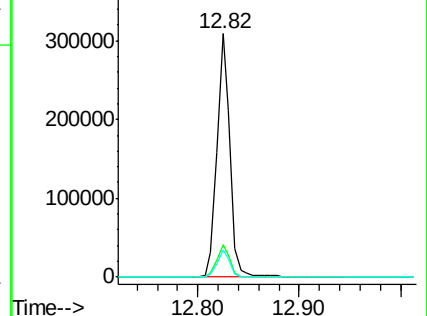
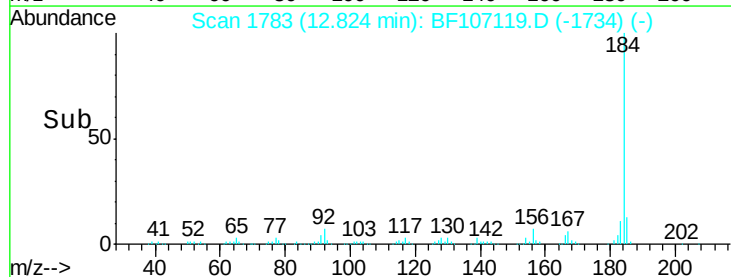
183 11.4 9.3 13.9

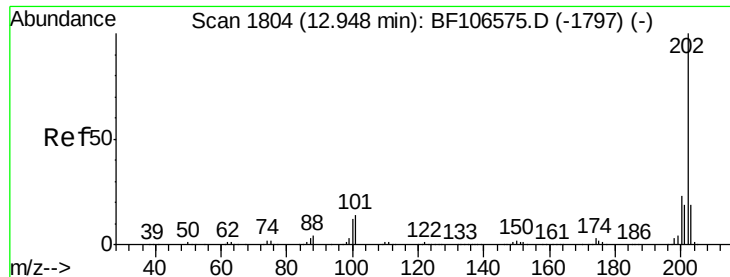


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

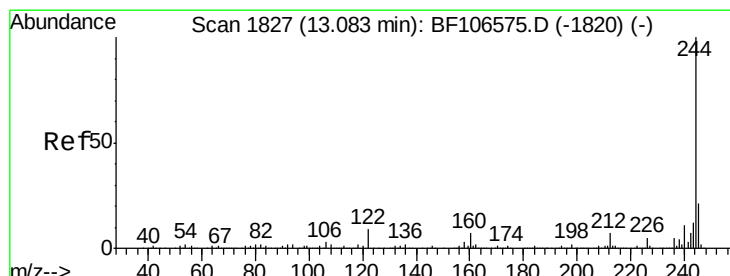
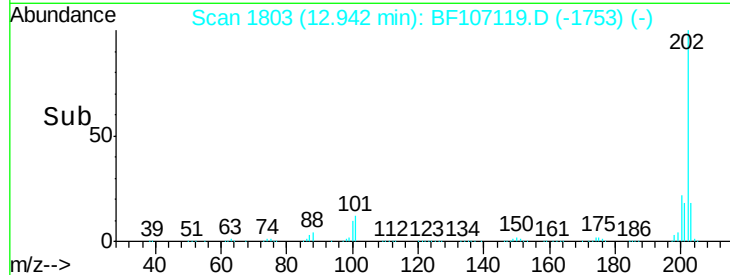
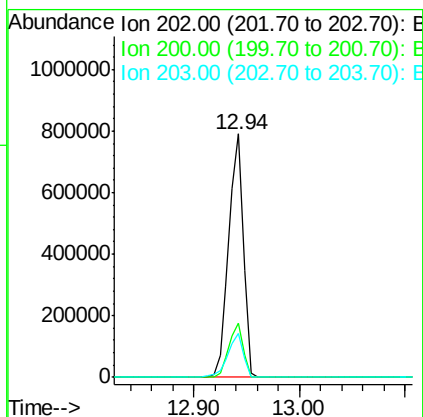
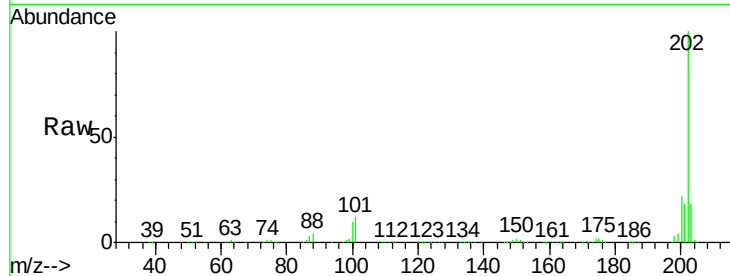




#77
 Pyrene
 Concen: 36.144 ng
 RT: 12.94 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BF107119.D
 Acq: 5 Jul 2018 11:46

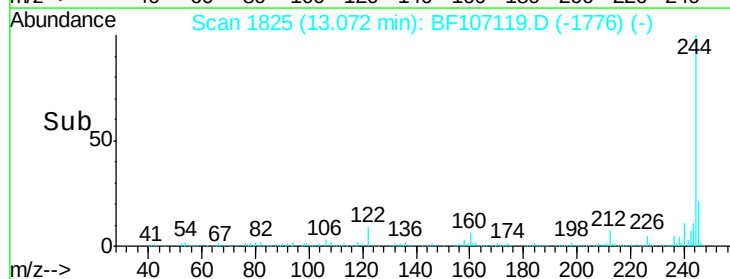
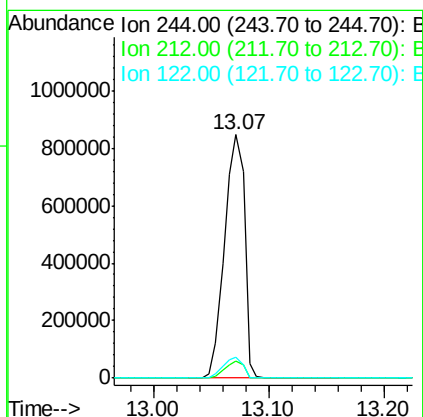
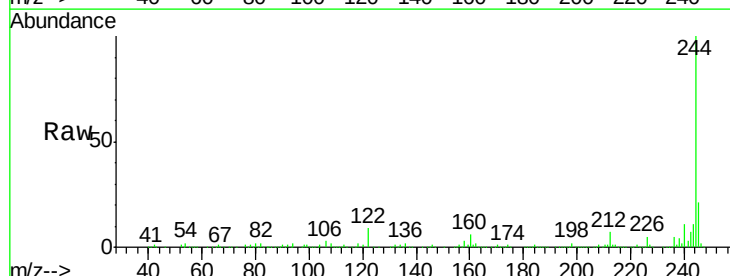
Instrument :
 BNA_F
 ClientSampleId :
 PB110604BS

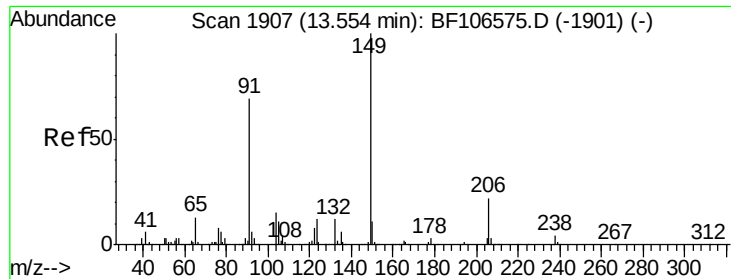
Tgt Ion: 202 Resp: 763561
 Ion Ratio Lower Upper
 202 100
 200 22.2 17.4 26.2
 203 18.1 14.3 21.5



#78
 Terphenyl-d14
 Concen: 76.707 ng
 RT: 13.07 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF107119.D
 Acq: 5 Jul 2018 11:46

Tgt Ion: 244 Resp: 1014500
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 8.7 11.0 16.4#

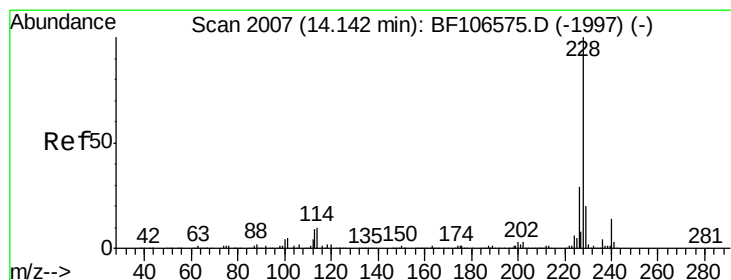
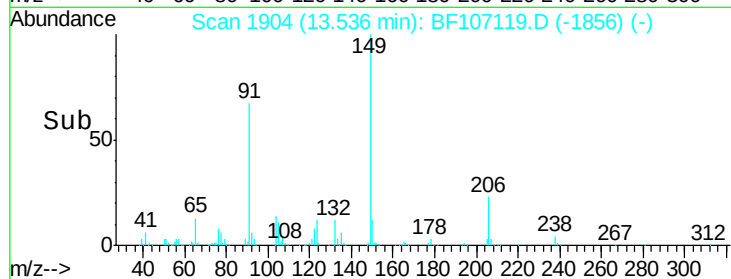
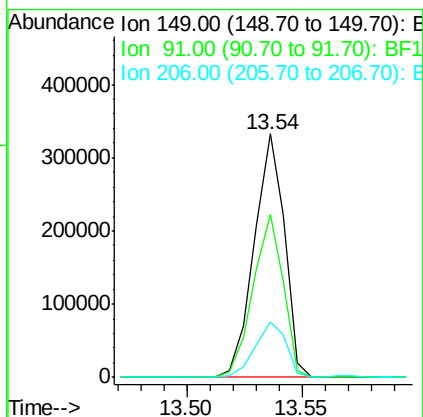
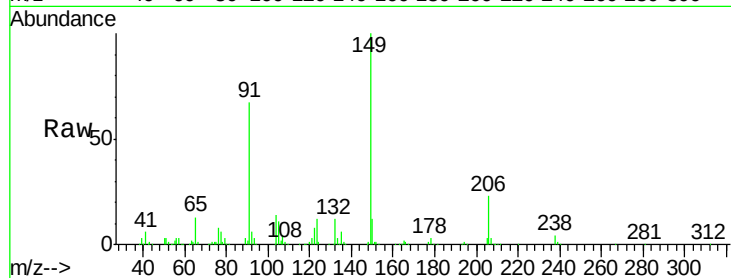




#79
Butylbenzylphthalate
Concen: 35.184 ng
RT: 13.54 min Scan# 1904
Delta R.T. -0.02 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

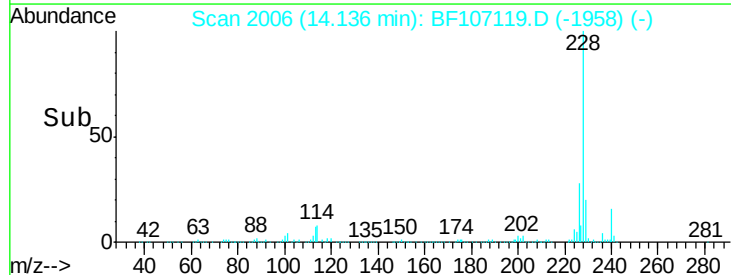
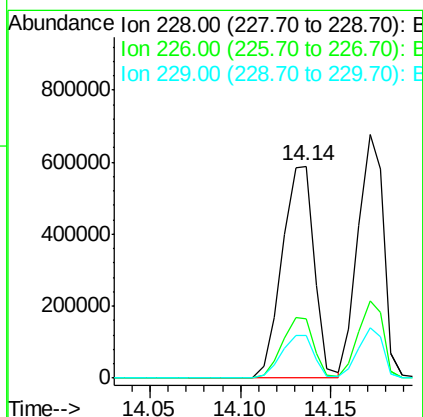
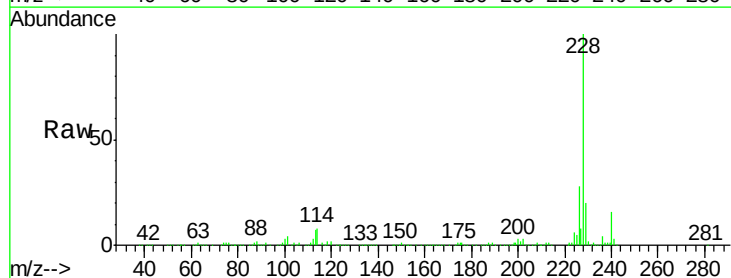
Instrument :
BNA_F
ClientSampleId :
PB110604BS

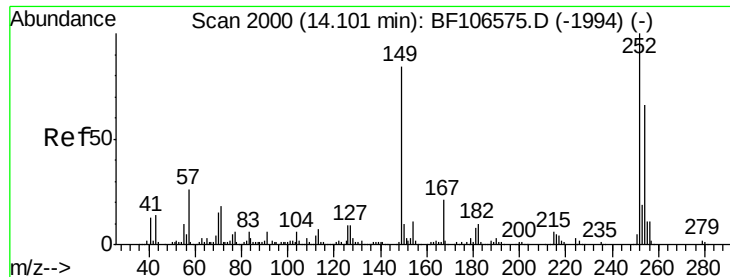
Tgt Ion:149 Resp: 305604
Ion Ratio Lower Upper
149 100
91 66.9 56.8 85.2
206 22.9 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 37.657 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Tgt Ion:228 Resp: 735265
Ion Ratio Lower Upper
228 100
226 27.8 22.6 33.8
229 20.0 15.8 23.6

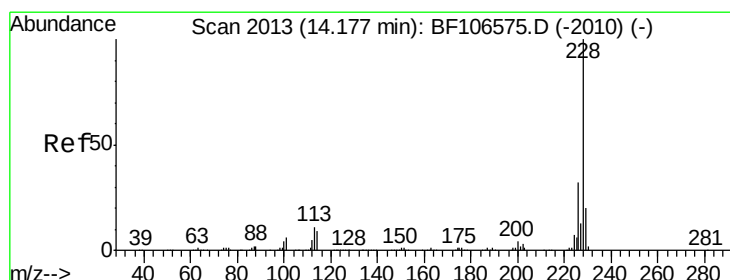
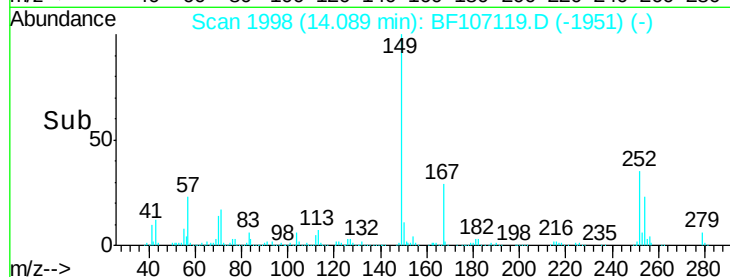
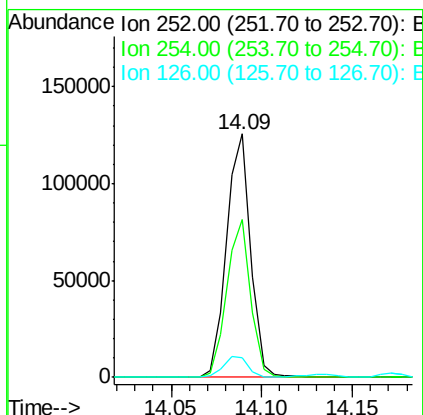
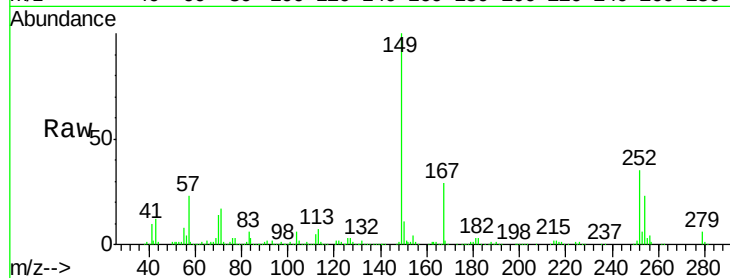




#81
 3,3'-Dichlorobenzidine
 Concen: 16.915 ng
 RT: 14.09 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BF107119.D
 Acq: 5 Jul 2018 11:46

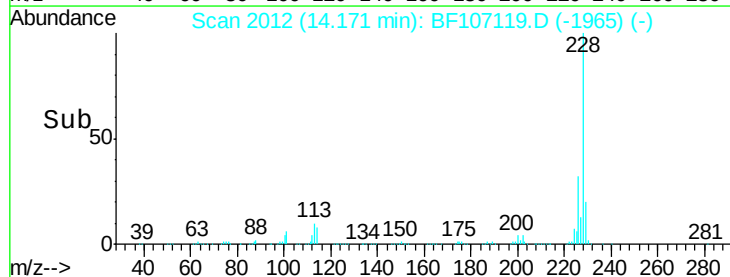
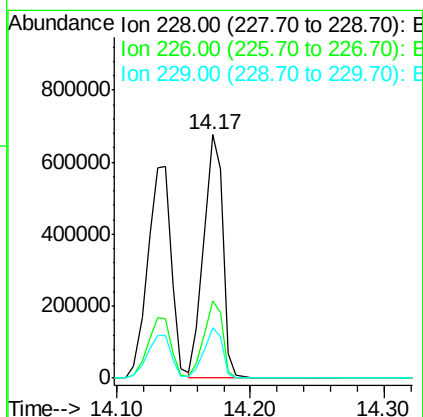
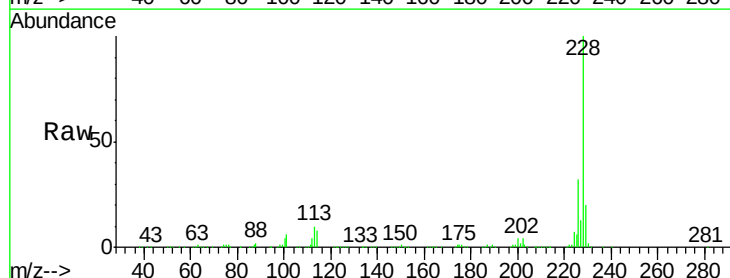
Instrument :
 BNA_F
 ClientSampleId :
 PB110604BS

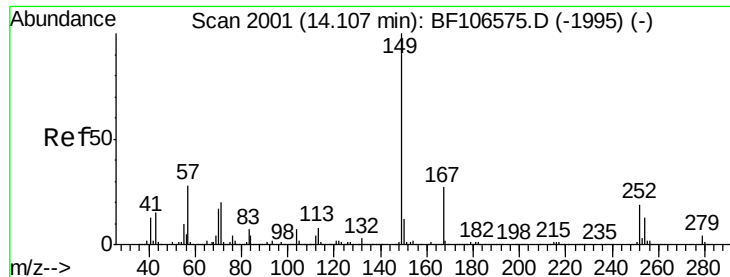
Tgt Ion:252 Resp: 116076
 Ion Ratio Lower Upper
 252 100
 254 64.9 50.4 75.6
 126 8.3 11.3 16.9#



#82
 Chrysene
 Concen: 37.418 ng
 RT: 14.17 min Scan# 2012
 Delta R.T. -0.02 min
 Lab File: BF107119.D
 Acq: 5 Jul 2018 11:46

Tgt Ion:228 Resp: 672151
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.0 37.6
 229 20.4 16.2 24.4

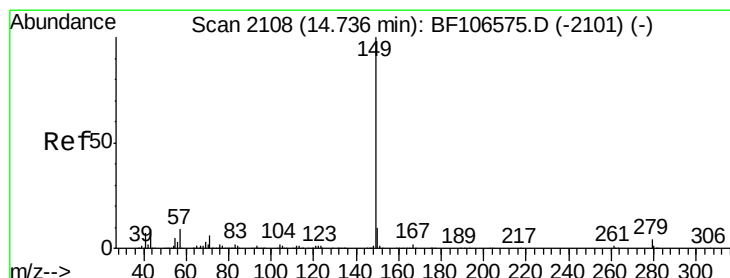
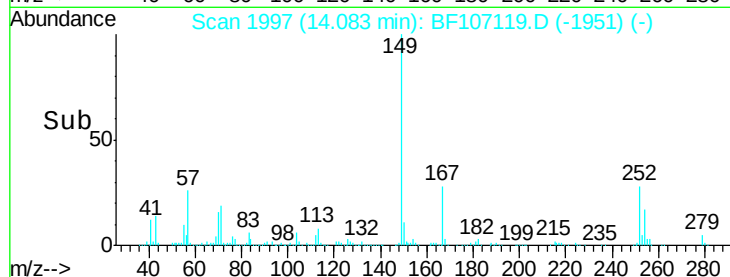
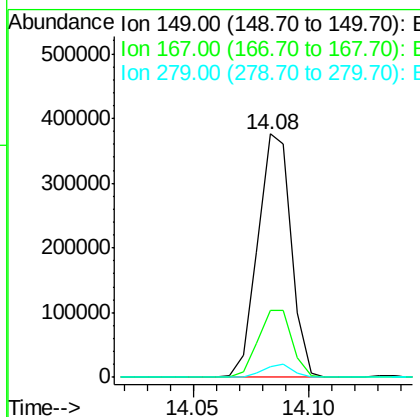
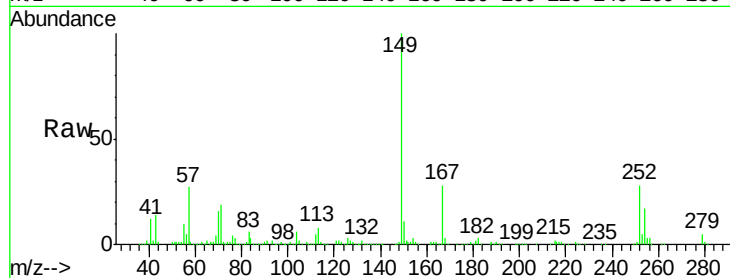




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.977 ng
 RT: 14.08 min Scan# 1997
 Delta R.T. -0.03 min
 Lab File: BF107119.D
 Acq: 5 Jul 2018 11:46

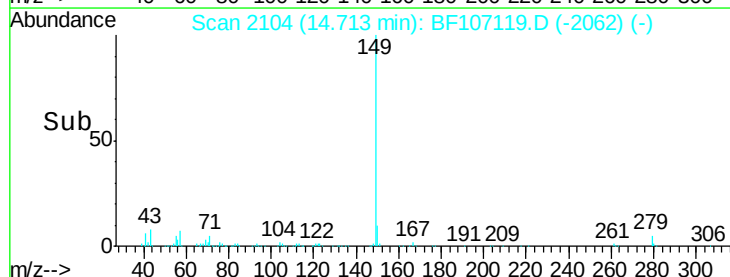
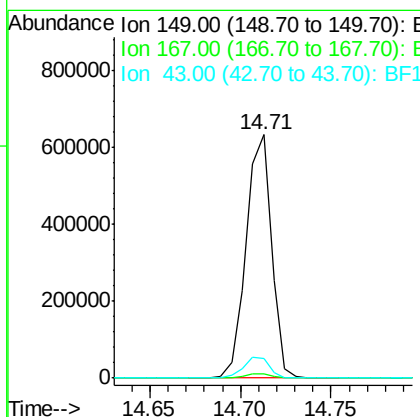
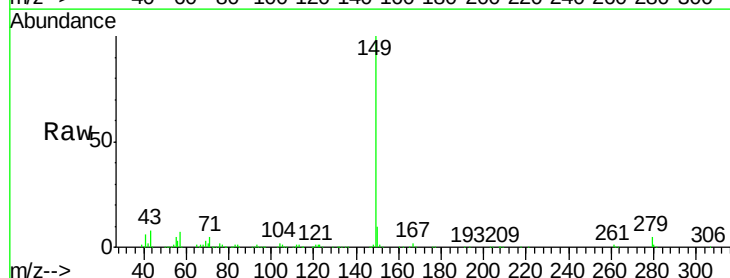
Instrument :
 BNA_F
 ClientSampleId :
 PB110604BS

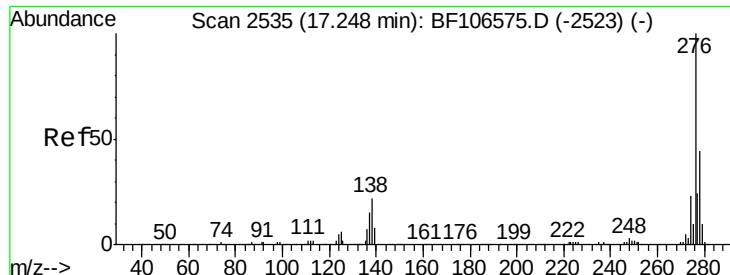
Tgt Ion:149 Resp: 377303
 Ion Ratio Lower Upper
 149 100
 167 27.7 21.3 31.9
 279 4.6 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 33.968 ng
 RT: 14.71 min Scan# 2104
 Delta R.T. -0.05 min
 Lab File: BF107119.D
 Acq: 5 Jul 2018 11:46

Tgt Ion:149 Resp: 614856
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 8.5 8.4 12.6

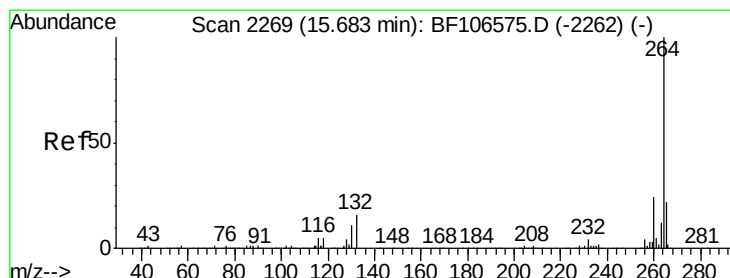
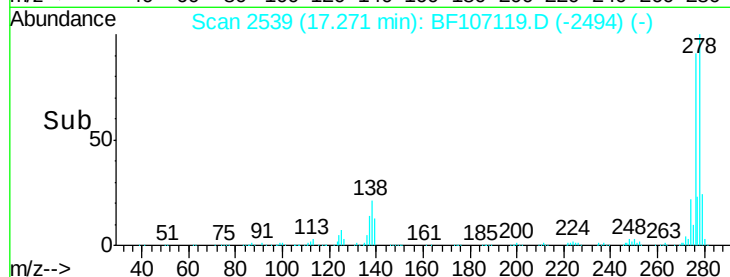
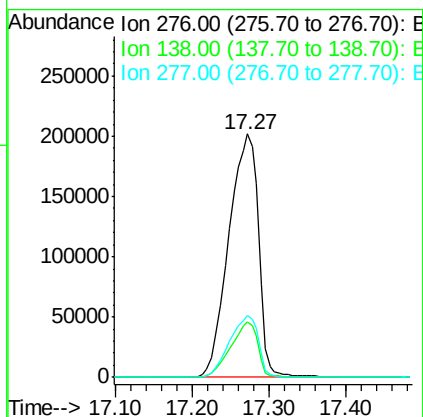
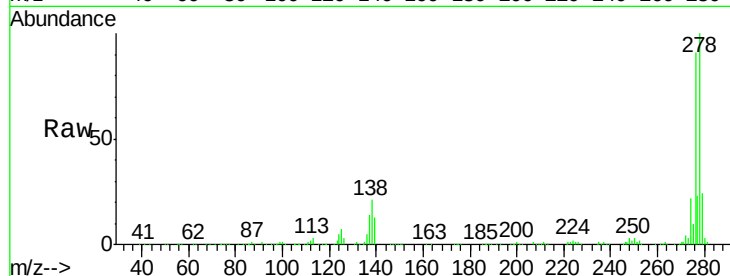




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.658 ng
 RT: 17.27 min Scan# 2539
 Delta R.T. -0.04 min
 Lab File: BF107119.D
 Acq: 5 Jul 2018 11:46

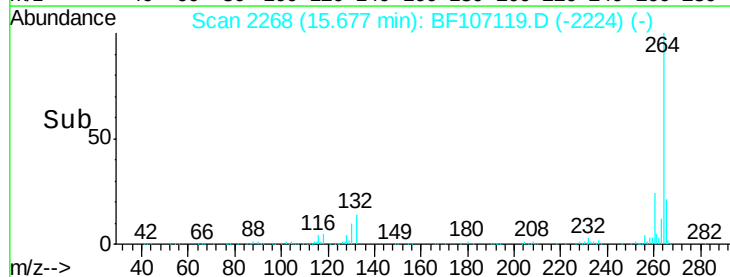
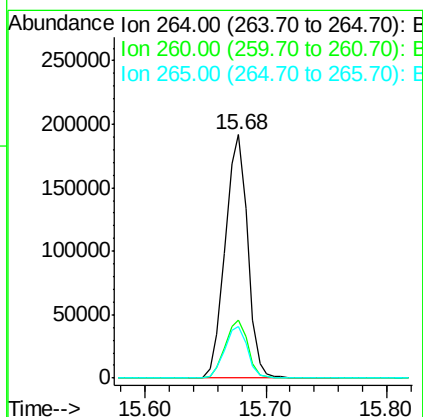
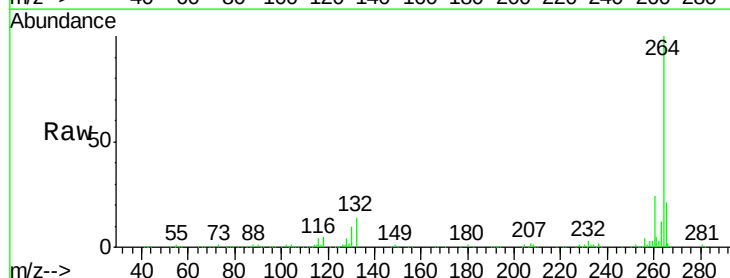
Instrument :
 BNA_F
 ClientSampleId :
 PB110604BS

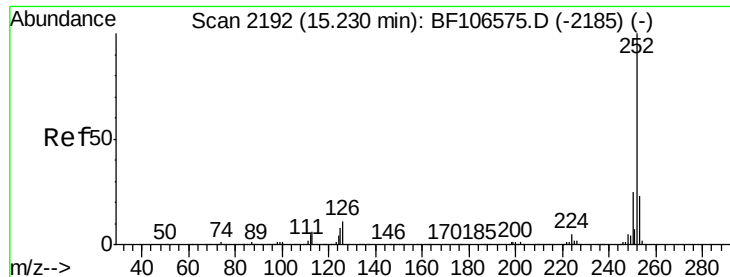
Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.9	25.0	37.6#
277	24.9	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.04 min
 Lab File: BF107119.D
 Acq: 5 Jul 2018 11:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.4	17.5	26.3

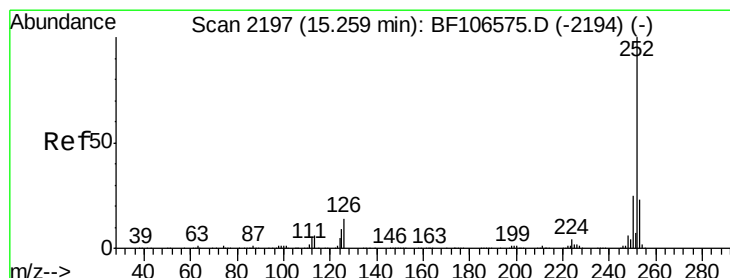
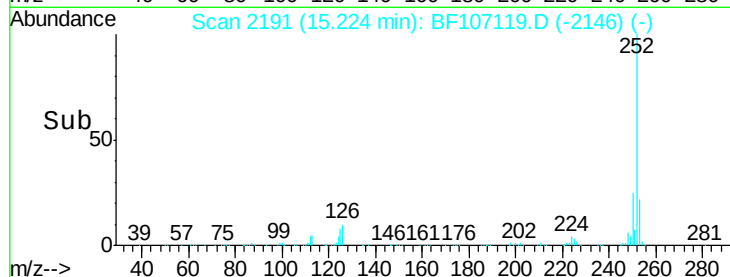
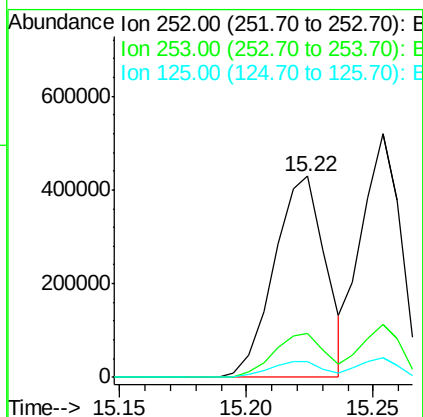
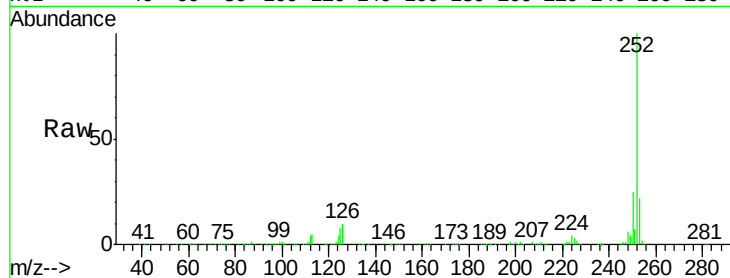




#87
Benzo(b)fluoranthene
Concen: 39.366 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.04 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

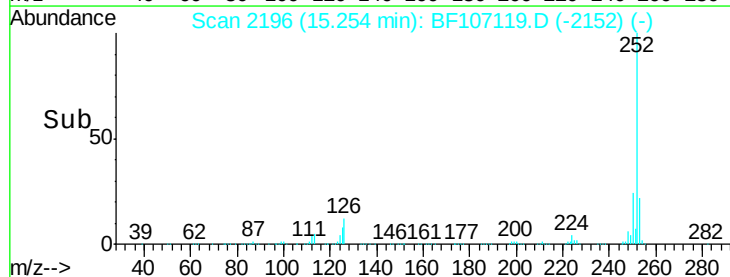
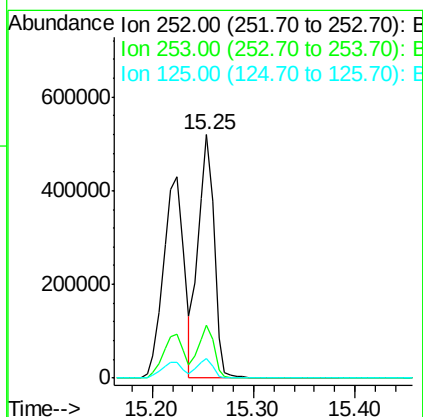
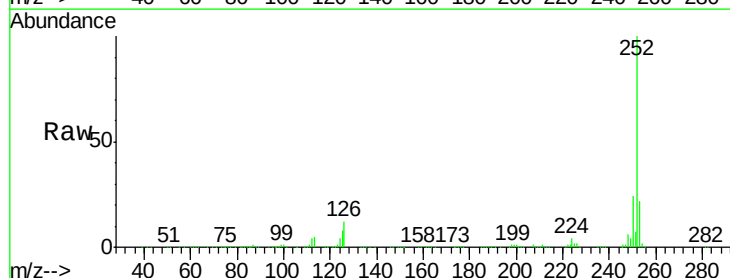
Instrument :
BNA_F
ClientSampleId :
PB110604BS

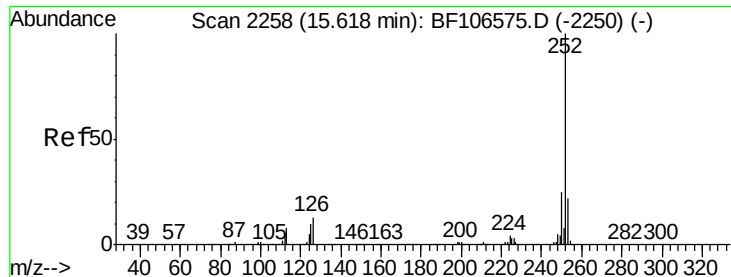
Tgt Ion:252 Resp: 605731
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 7.7 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 38.518 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.04 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Tgt Ion:252 Resp: 564406
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 8.0 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 39.696 ng

RT: 15.61 min Scan# 2257

Delta R.T. -0.04 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

Instrument :

BNA_F

ClientSampleId :

PB110604BS

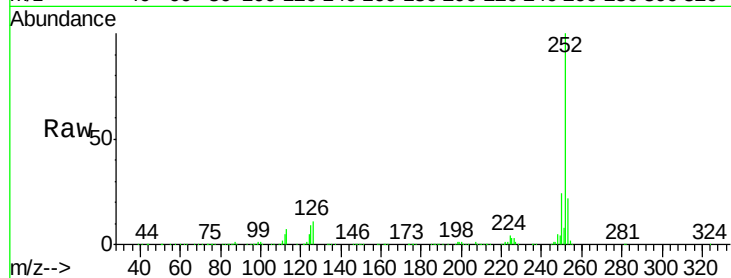
Tgt Ion:252 Resp: 542990

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

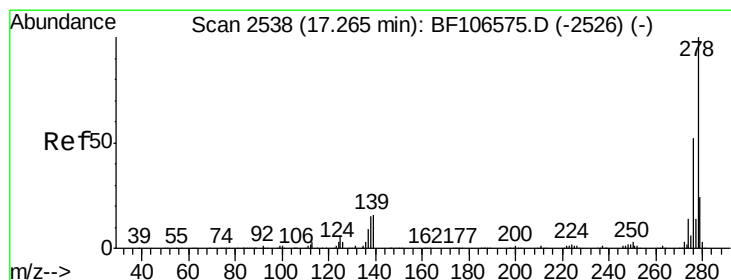
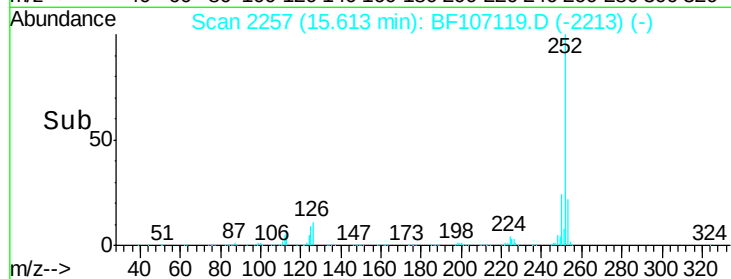
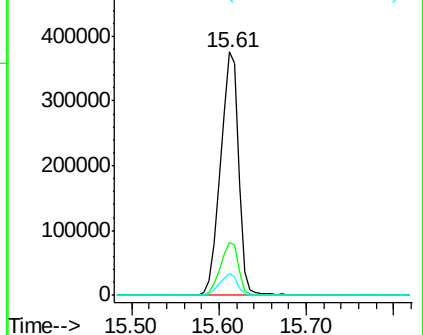
125 9.2 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.116 ng

RT: 17.28 min Scan# 2540

Delta R.T. -0.05 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

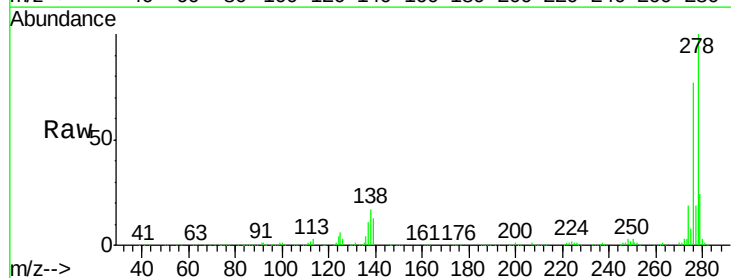
Tgt Ion:278 Resp: 441864

Ion Ratio Lower Upper

278 100

139 13.2 15.9 23.9#

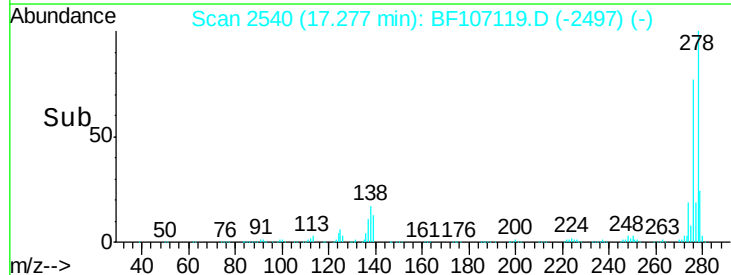
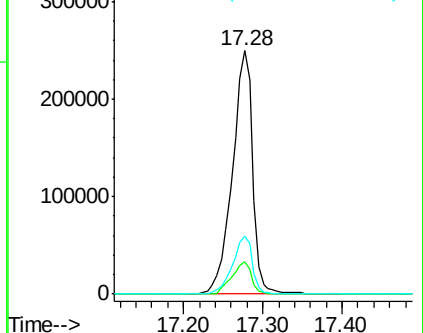
279 24.1 19.0 28.4

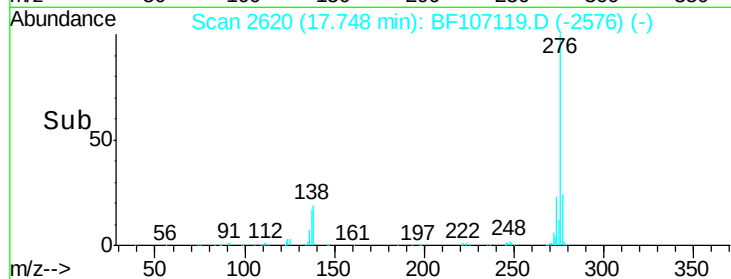
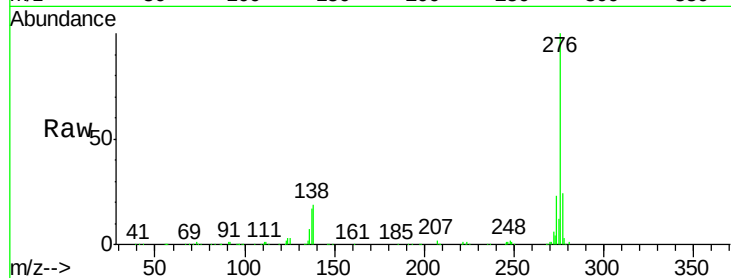
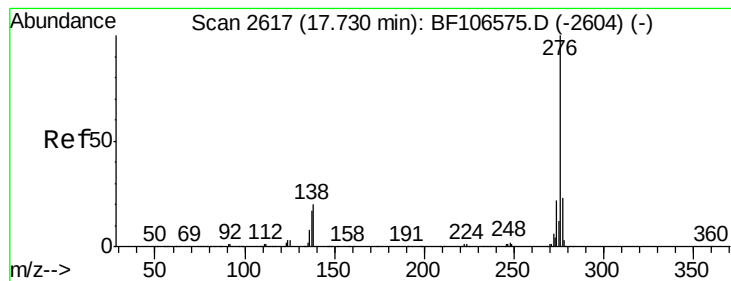


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 41.878 ng

RT: 17.75 min Scan# 2620

Delta R.T. -0.04 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

Instrument :

BNA_F

ClientSampleId :

PB110604BS

Tgt Ion:276 Resp: 474506

Ion Ratio Lower Upper

276 100

277 24.3 17.9 26.9

138 19.5 21.8 32.8#

