

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070518\
 Data File : BF107120.D
 Acq On : 5 Jul 2018 12:13
 Operator : JU/SJ
 Sample : PB110604BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110604BSD

Quant Time: Jul 05 12:59:12 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	81474	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	326858	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	178231	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	374919	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	332430	20.00	ng	-0.02
86) Perylene-d12	15.68	264	256683	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	506156	105.20	ng	0.00
7) Phenol-d6	6.60	99	645077	107.36	ng	-0.01
23) Nitrobenzene-d5	7.52	82	422802	71.89	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	236088	114.29	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	786600	72.54	ng	-0.02
78) Terphenyl-d14	13.07	244	1023294	74.56	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	68671	27.761	ng	97
3) Pyridine	3.65	79	202075	30.121	ng	96
4) n-Nitrosodimethylamine	3.62	42	87463	30.696	ng	87
6) Aniline	6.62	93	187820	23.044	ng	# 11
8) 2-Chlorophenol	6.75	128	197787	37.479	ng	95
9) Benzaldehyde	6.51	77	107070	23.374	ng	98
10) Phenol	6.62	94	235444	34.335	ng	77
11) bis(2-Chloroethyl)ether	6.69	93	197066	34.811	ng	97
12) 1,3-Dichlorobenzene	6.89	146	225809	36.533	ng	98
13) 1,4-Dichlorobenzene	6.97	146	224310	35.896	ng	98
14) 1,2-Dichlorobenzene	7.12	146	209018	36.498	ng	98
15) Benzyl Alcohol	7.10	79	163276	33.842	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.22	45	269216	36.246	ng	# 39
17) 2-Methylphenol	7.21	107	171030	37.870	ng	# 89
18) Hexachloroethane	7.45	117	78943	35.924	ng	# 88
19) n-Nitroso-di-n-propylamine	7.36	70	133643	33.742	ng	96
20) 3+4-Methylphenols	7.37	107	208782	42.043	ng	# 82
22) Acetophenone	7.36	105	269413	36.842	ng	# 95
24) Nitrobenzene	7.54	77	214890	35.786	ng	99
25) Isophorone	7.77	82	401629	38.752	ng	99
26) 2-Nitrophenol	7.85	139	114582	40.421	ng	93
27) 2,4-Dimethylphenol	7.89	122	196289	44.800	ng	99
28) bis(2-Chloroethoxy)methane	7.97	93	255365	36.697	ng	98
29) 2,4-Dichlorophenol	8.10	162	187345	40.842	ng	90
30) 1,2,4-Trichlorobenzene	8.17	180	206425	40.850	ng	97
31) Naphthalene	8.25	128	579307	37.909	ng	99
32) Benzoic acid	8.04	122	94794	31.924	ng	96
33) 4-Chloroaniline	8.31	127	90593	14.128	ng	99
34) Hexachlorobutadiene	8.36	225	131914	40.063	ng	99
35) Caprolactam	8.70	113	31247	20.898	ng	98
36) 4-Chloro-3-methylphenol	8.81	107	198803	41.175	ng	98
37) 2-Methylnaphthalene	8.95	142	433319	42.780	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	228695	38.101	ng	# 96
40) Hexachlorocyclopentadiene	9.09	237	144331	46.737	ng	99

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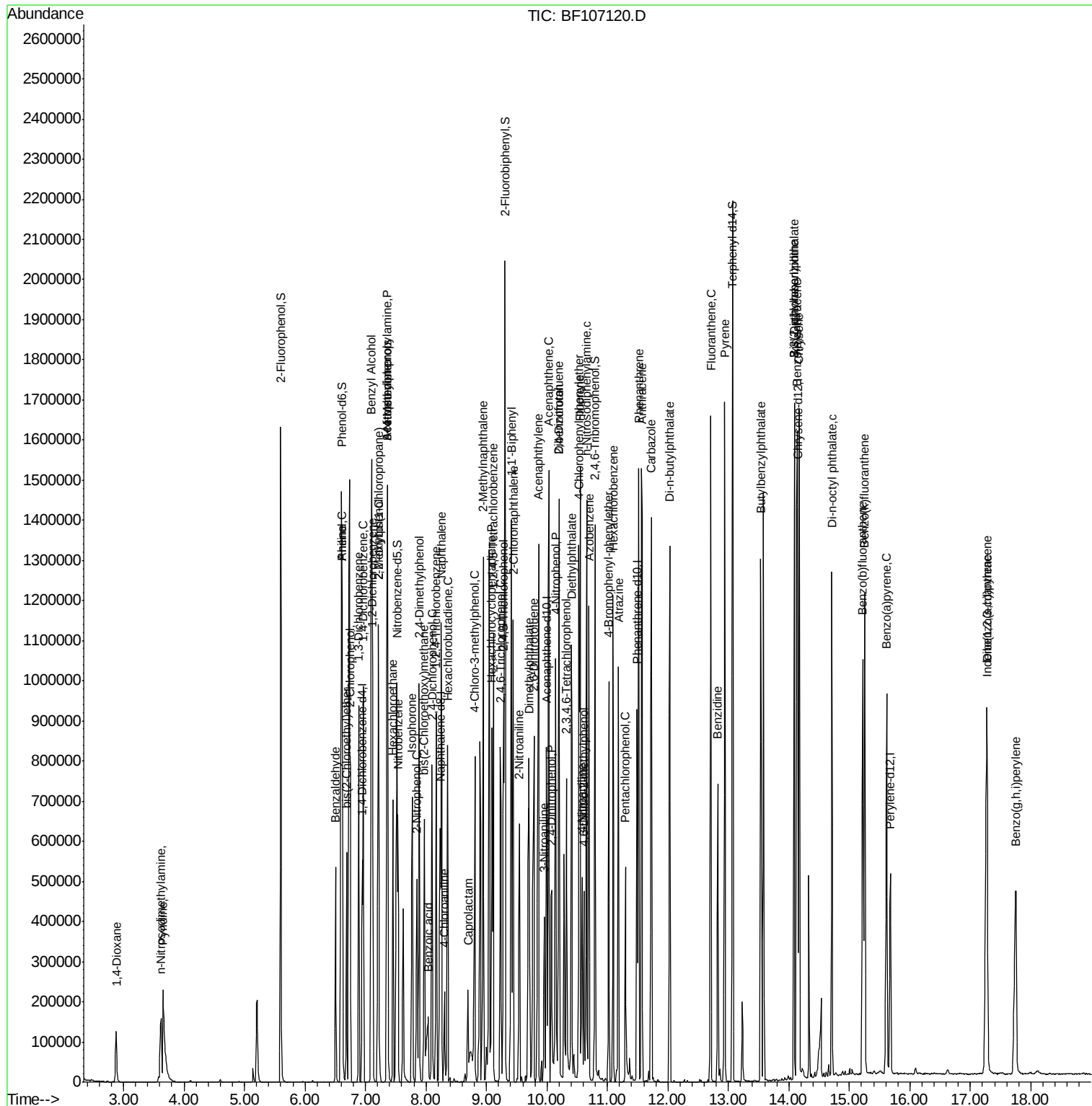
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	129671	32.501	ng	93
43) 2,4,5-Trichlorophenol	9.28	196	135382	32.518	ng	# 87
45) 1,1'-Biphenyl	9.41	154	519113	36.547	ng	98
46) 2-Chloronaphthalene	9.44	162	388887	34.782	ng	94
47) 2-Nitroaniline	9.54	65	125889	33.484	ng	94
48) Acenaphthylene	9.86	152	602658	34.141	ng	99
49) Dimethylphthalate	9.71	163	468967	35.082	ng	# 97
50) 2,6-Dinitrotoluene	9.78	165	109777	38.782	ng	91
51) Acenaphthene	10.03	154	369883	33.276	ng	98
52) 3-Nitroaniline	9.95	138	68748	21.106	ng	98
53) 2,4-Dinitrophenol	10.08	184	95339	65.799	ng	# 15
54) Dibenzofuran	10.20	168	551189	36.213	ng	97
55) 4-Nitrophenol	10.14	139	84641	37.227	ng	94
56) 2,4-Dinitrotoluene	10.20	165	140346	37.985	ng	94
57) Fluorene	10.55	166	451790	37.405	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	118944	35.941	ng	# 76
59) Diethylphthalate	10.41	149	439238	34.044	ng	# 93
60) 4-Chlorophenyl-phenylether	10.53	204	232050	36.719	ng	# 87
61) 4-Nitroaniline	10.58	138	118722	36.726	ng	95
62) Azobenzene	10.70	77	423891	33.364	ng	91
64) 4,6-Dinitro-2-methylphenol	10.61	198	83941	36.220	ng	# 68
65) n-Nitrosodiphenylamine	10.65	169	399932	31.714	ng	99
66) 4-Bromophenyl-phenylether	11.02	248	168406	37.637	ng	# 77
67) Hexachlorobenzene	11.09	284	178731	38.165	ng	# 84
68) Atrazine	11.18	200	151326	37.747	ng	94
69) Pentachlorophenol	11.30	266	99372	42.527	ng	99
70) Phenanthrene	11.52	178	676201	37.394	ng	98
71) Anthracene	11.57	178	695090	37.659	ng	99
72) Carbazole	11.72	167	641094	37.099	ng	98
73) Di-n-butylphthalate	12.03	149	693290	34.054	ng	99
74) Fluoranthene	12.71	202	778956	39.082	ng	97
76) Benzidine	12.82	184	280930	29.673	ng	97
77) Pyrene	12.94	202	778120	35.496	ng	100
79) Butylbenzylphthalate	13.54	149	307298	34.095	ng	# 94
80) Benzo(a)anthracene	14.14	228	758369	37.431	ng	100
81) 3,3'-Dichlorobenzidine	14.09	252	125165	17.577	ng	# 95
82) Chrysene	14.18	228	685116	36.756	ng	99
83) Bis(2-ethylhexyl)phthalate	14.09	149	385285	33.437	ng	# 96
84) Di-n-octyl phthalate	14.71	149	645823	34.384	ng	95
85) Indeno(1,2,3-cd)pyrene	17.27	276	559427	35.366	ng	# 89
87) Benzo(b)fluoranthene	15.22	252	621110	38.953	ng	# 96
88) Benzo(k)fluoranthene	15.25	252	596324	39.272	ng	# 95
89) Benzo(a)pyrene	15.62	252	555805	39.211	ng	# 96
90) Dibenzo(a,h)anthracene	17.28	278	462191	38.474	ng	# 93
91) Benzo(g,h,i)perylene	17.75	276	483703	41.195	ng	# 89

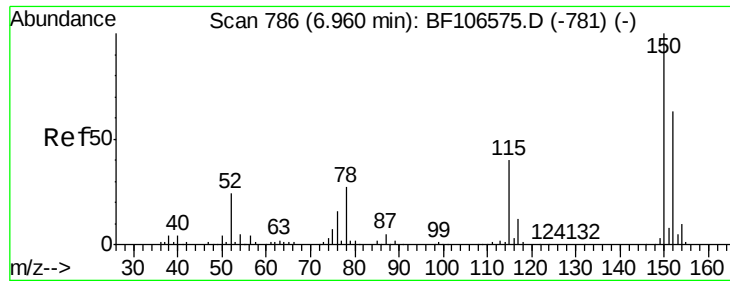
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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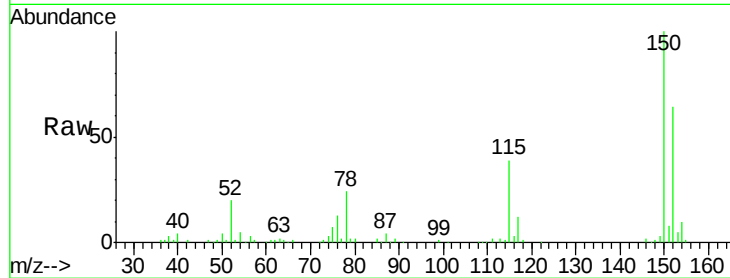


#1

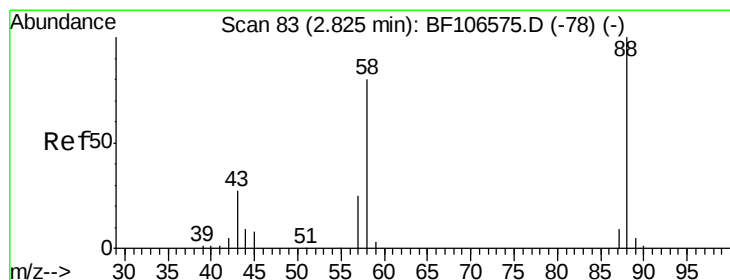
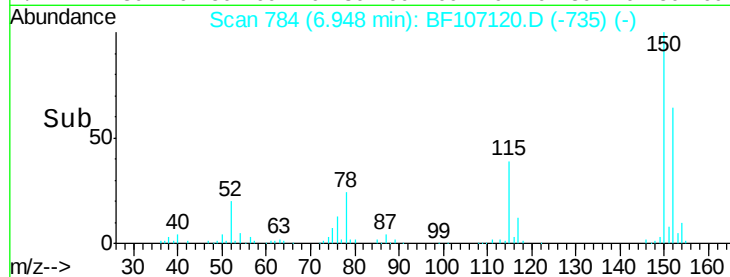
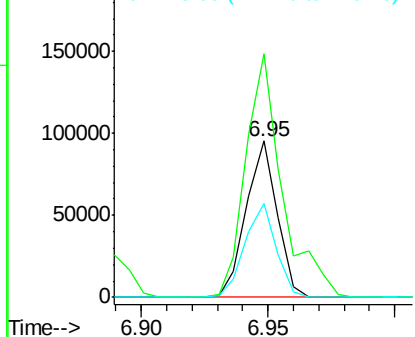
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Instrument :
BNA_F
ClientSampleId :
PB110604BSD

Tgt Ion:152 Resp: 81474
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 60.4 50.1 75.1



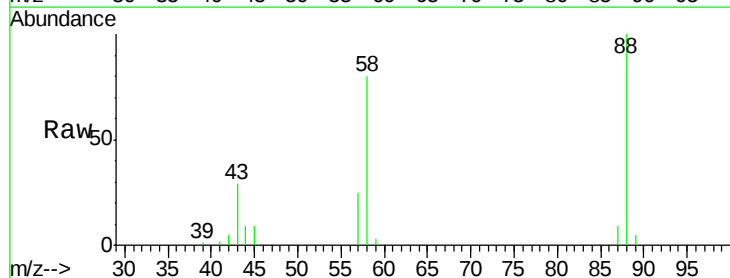
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



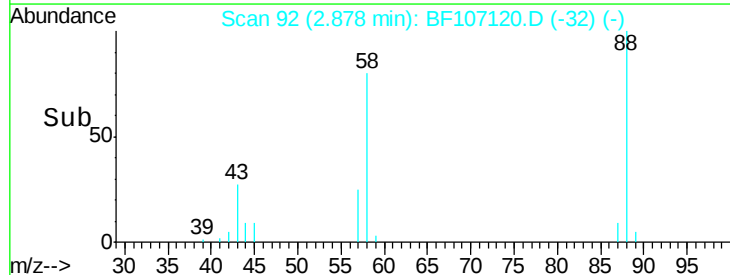
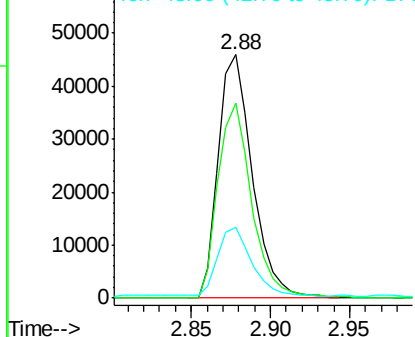
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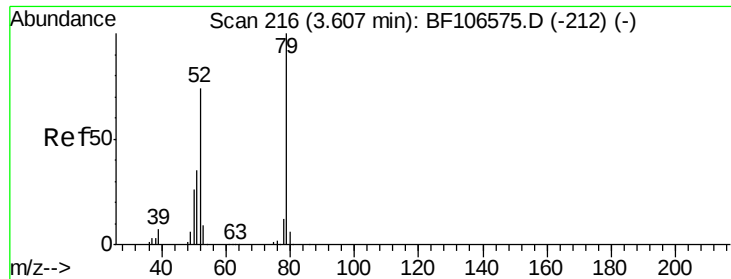
1,4-Dioxane
Concen: 27.761 ng
RT: 2.88 min Scan# 92
Delta R.T. 0.05 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Tgt Ion: 88 Resp: 68671
Ion Ratio Lower Upper
88 100
58 79.6 62.6 93.8
43 27.9 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: 30.121 ng

RT: 3.65 min Scan# 223

Delta R.T. 0.04 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

Instrument :

BNA_F

ClientSampleId :

PB110604BSD

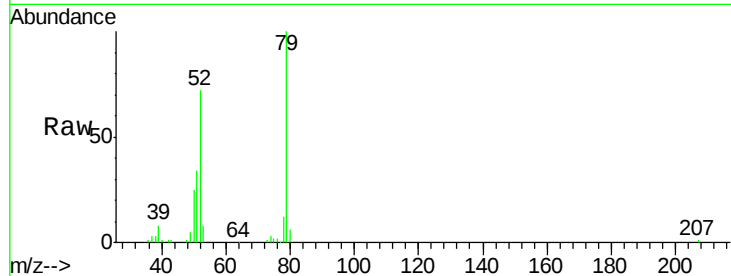
Tgt Ion: 79 Resp: 202075

Ion Ratio Lower Upper

79 100

52 72.1 59.8 89.6

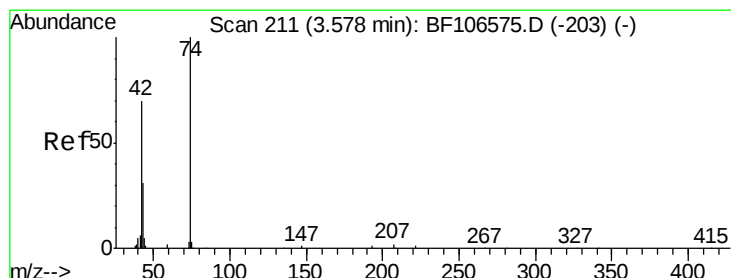
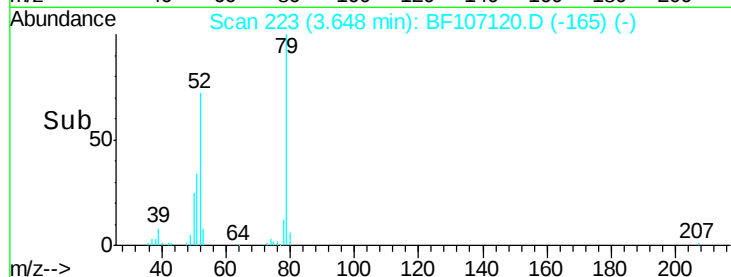
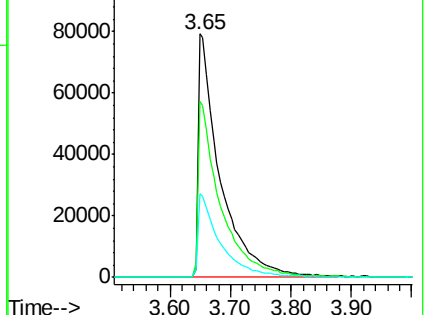
51 34.3 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 30.696 ng

RT: 3.62 min Scan# 218

Delta R.T. 0.03 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

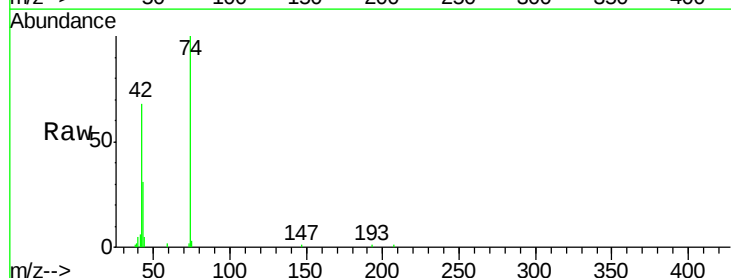
Tgt Ion: 42 Resp: 87463

Ion Ratio Lower Upper

42 100

74 147.2 104.9 157.3

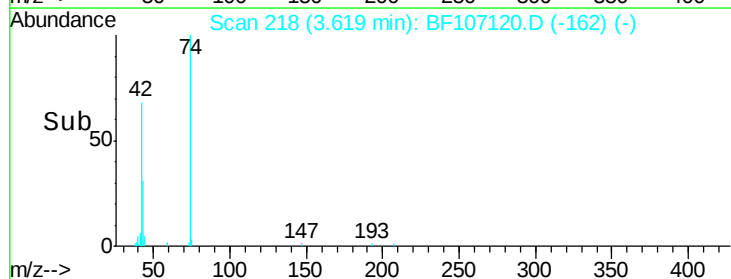
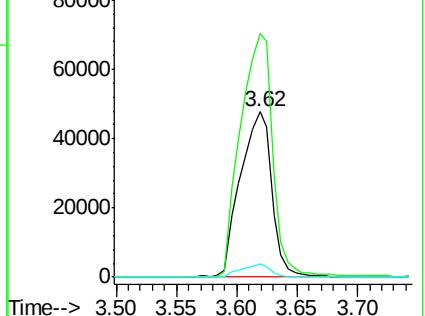
44 7.7 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 105.197 ng

RT: 5.60 min Scan# 555

Delta R.T. -0.00 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

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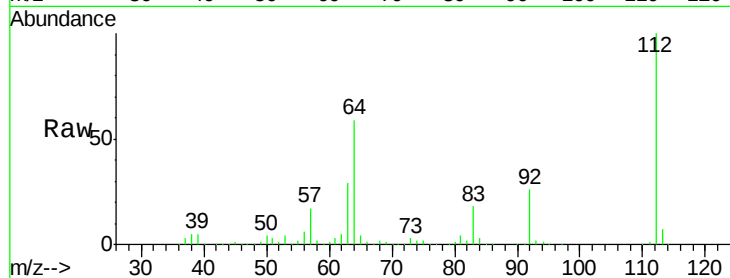
Tgt Ion: 112 Resp: 506156

Ion Ratio Lower Upper

112 100

64 58.8 47.9 71.9

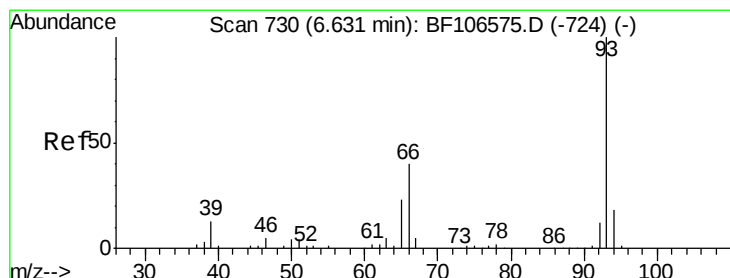
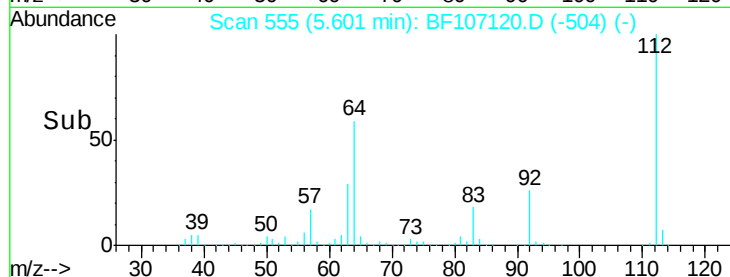
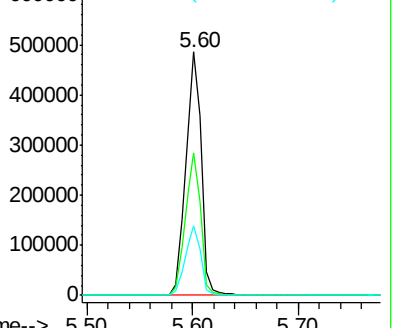
63 28.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.044 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

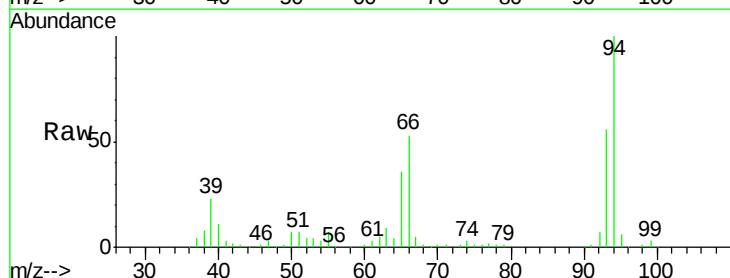
Tgt Ion: 93 Resp: 187820

Ion Ratio Lower Upper

93 100

66 94.3 32.2 48.2#

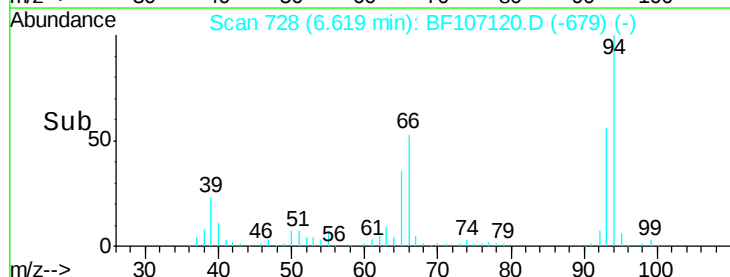
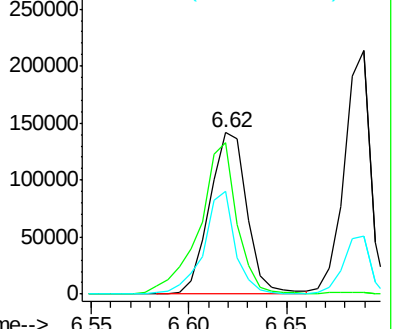
65 63.6 16.4 24.6#

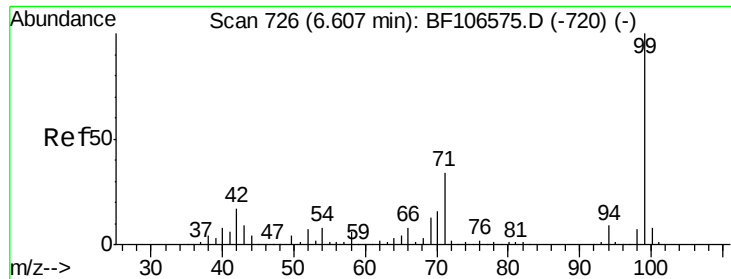


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 107.358 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

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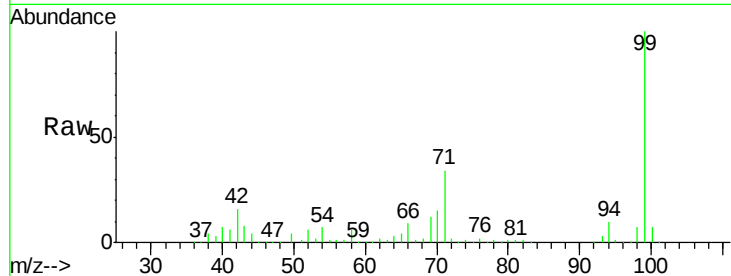
Tgt Ion: 99 Resp: 645077

Ion Ratio Lower Upper

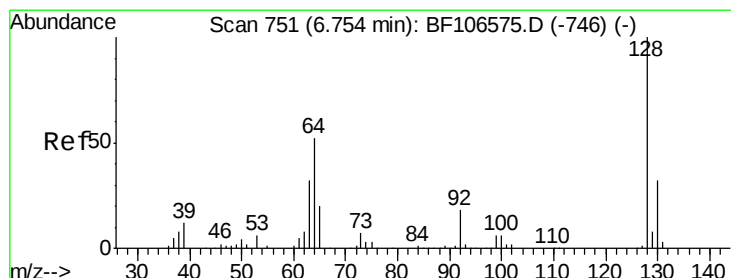
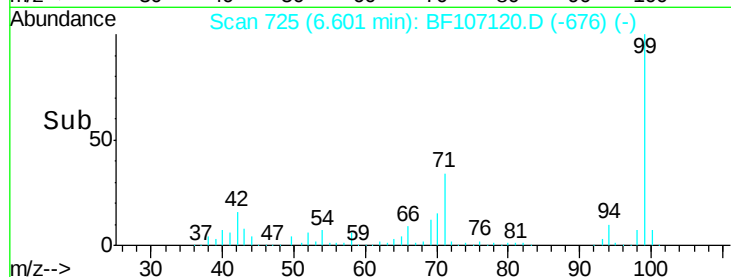
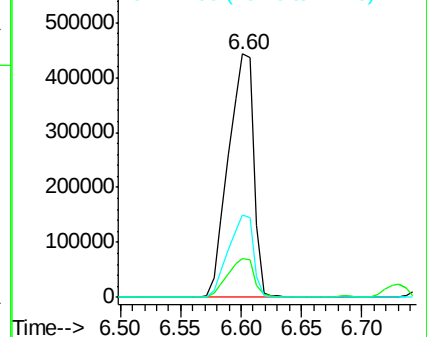
99 100

42 16.1 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: 37.479 ng

RT: 6.75 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

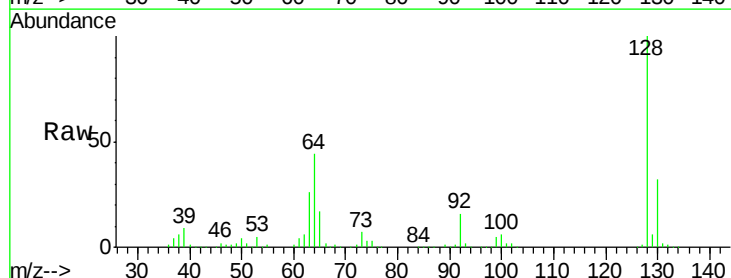
Tgt Ion: 128 Resp: 197787

Ion Ratio Lower Upper

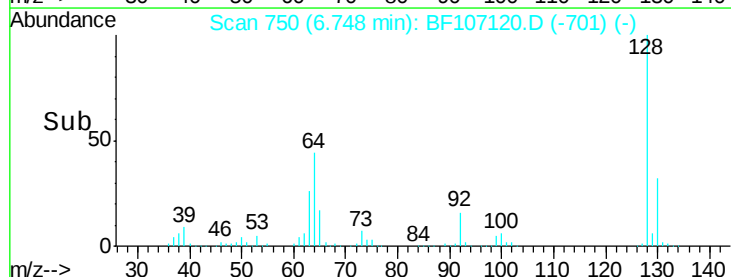
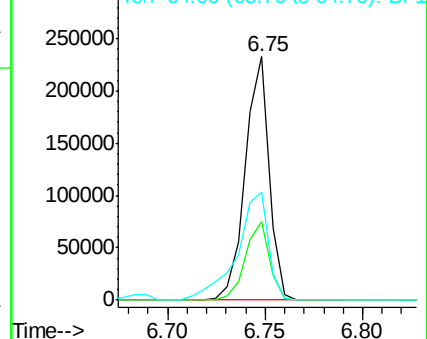
128 100

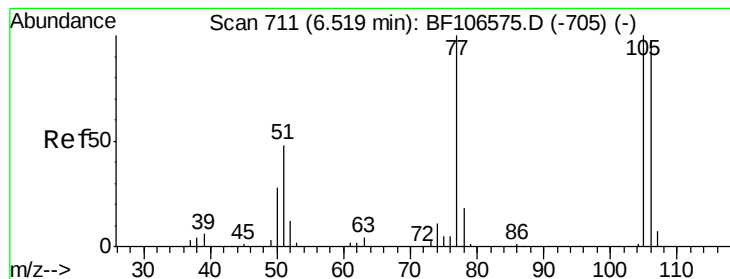
130 32.2 13.0 53.0

64 44.5 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: 23.374 ng

RT: 6.51 min Scan# 709

Delta R.T. -0.01 min

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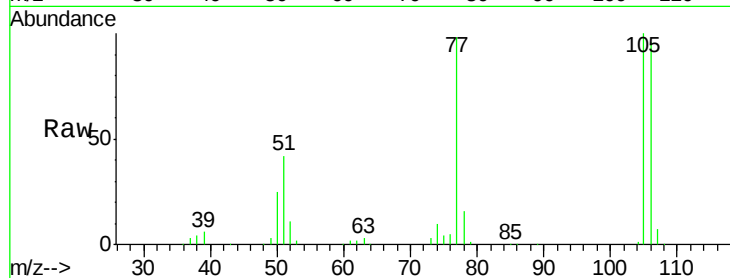
Tgt Ion: 77 Resp: 107070

Ion Ratio Lower Upper

77 100

105 102.2 81.1 121.1

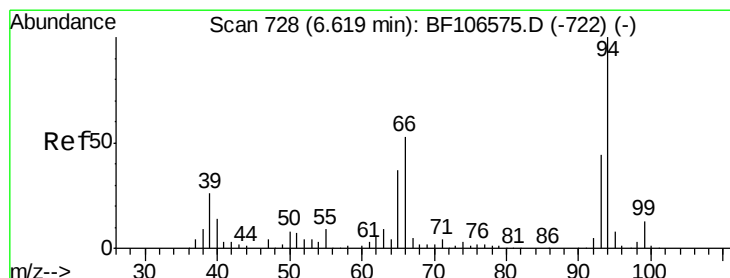
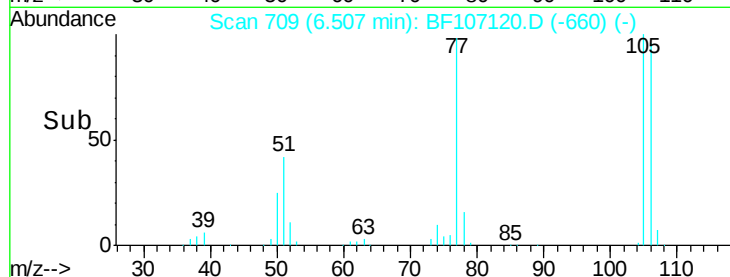
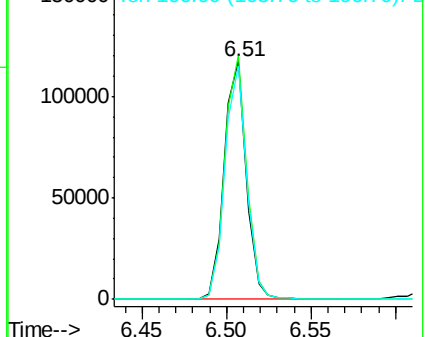
106 97.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 34.335 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

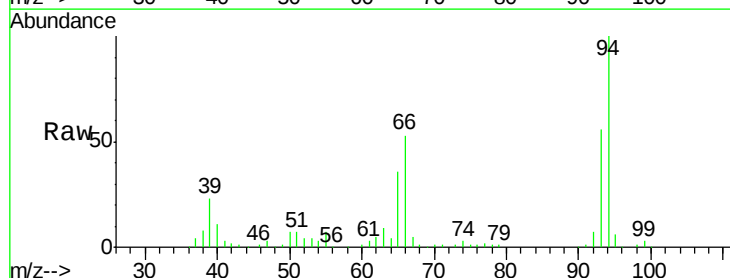
Tgt Ion: 94 Resp: 235444

Ion Ratio Lower Upper

94 100

65 35.8 7.9 47.9

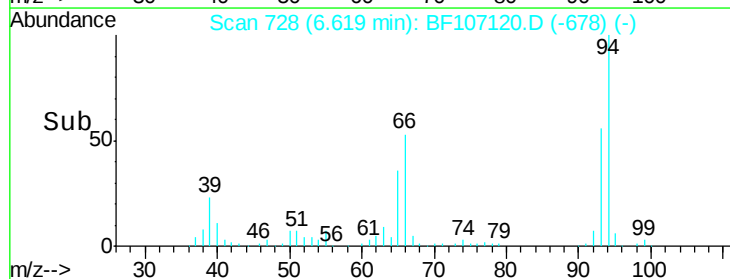
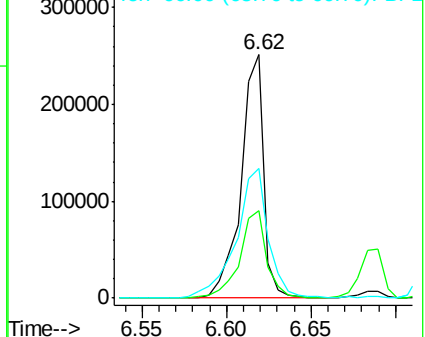
66 53.0 16.2 56.2

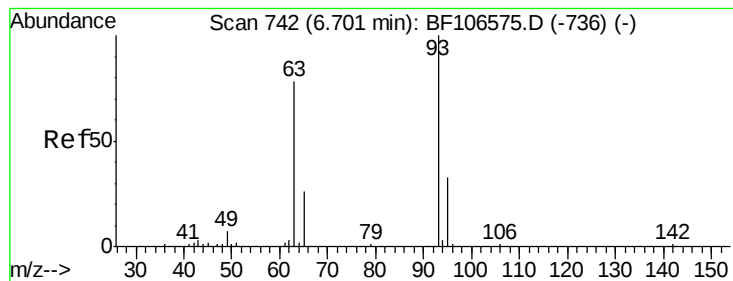


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 34.811 ng

RT: 6.69 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

Instrument :

BNA_F

ClientSampleId :

PB110604BSD

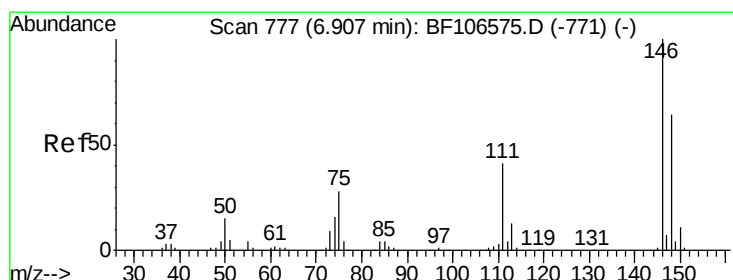
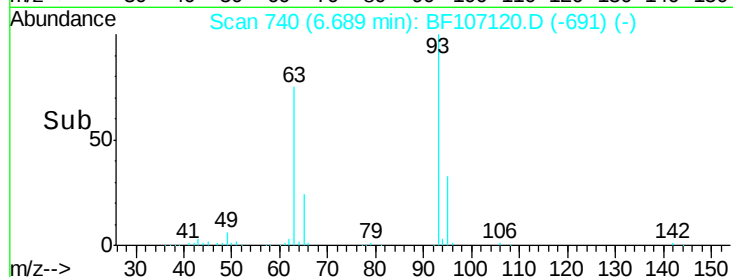
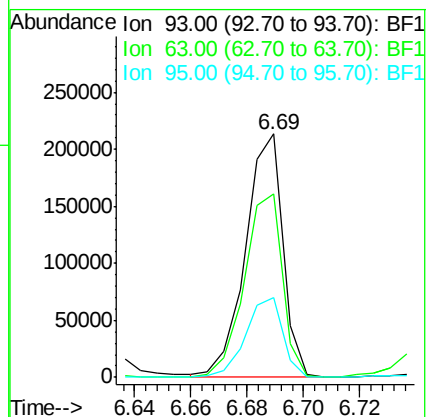
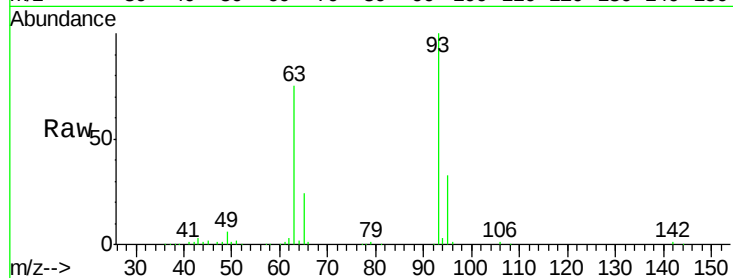
Tgt Ion: 93 Resp: 197066

Ion Ratio Lower Upper

93 100

63 75.1 58.6 98.6

95 32.6 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 36.533 ng

RT: 6.89 min Scan# 774

Delta R.T. -0.02 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

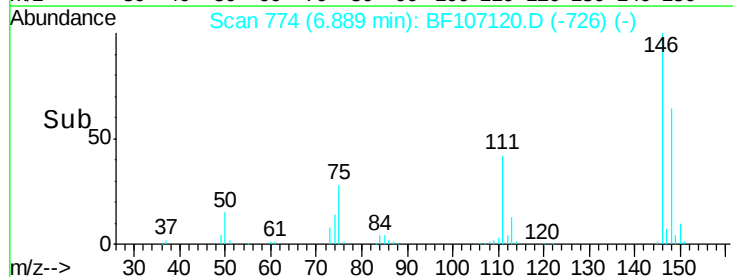
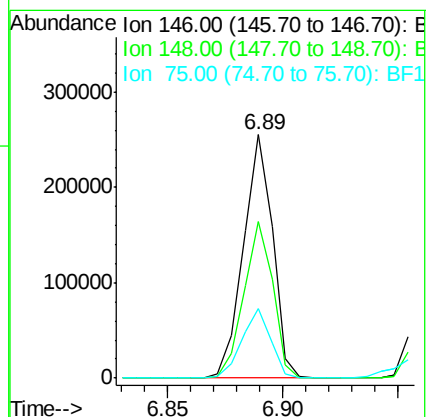
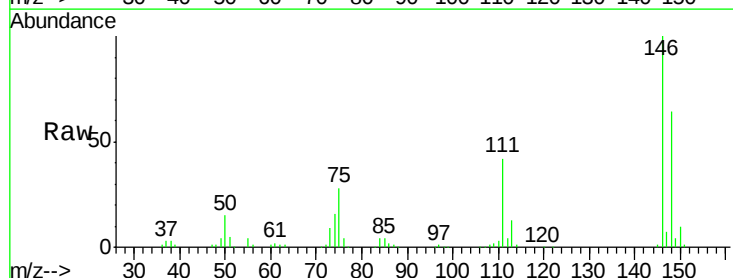
Tgt Ion: 146 Resp: 225809

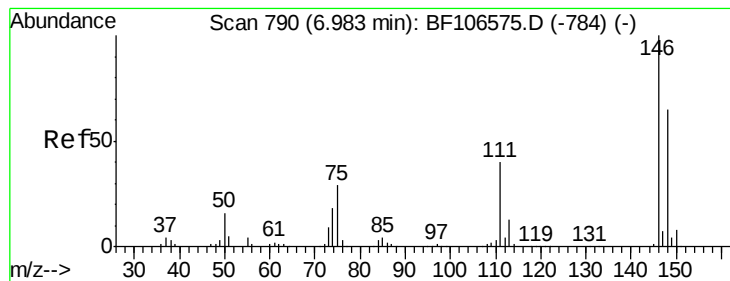
Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.8

75 28.3 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 35.896 ng

RT: 6.97 min Scan# 787

Delta R.T. -0.01 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

Instrument :

BNA_F

ClientSampleId :

PB110604BSD

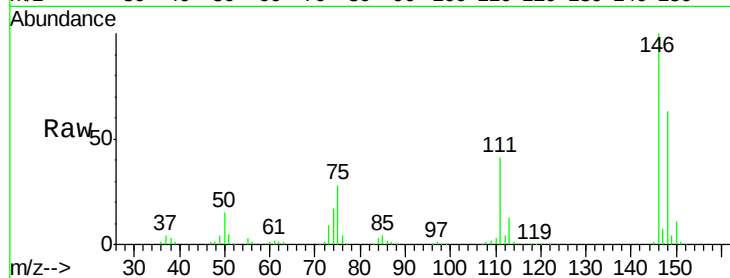
Tgt Ion:146 Resp: 224310

Ion Ratio Lower Upper

146 100

148 62.9 50.8 76.2

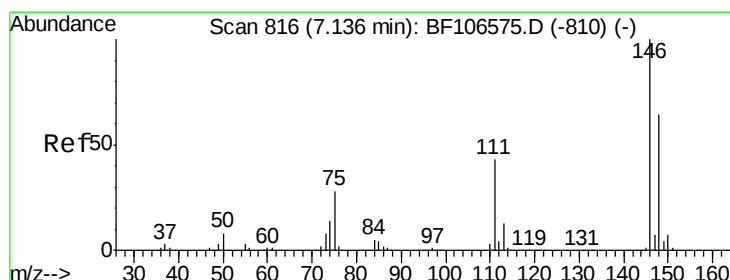
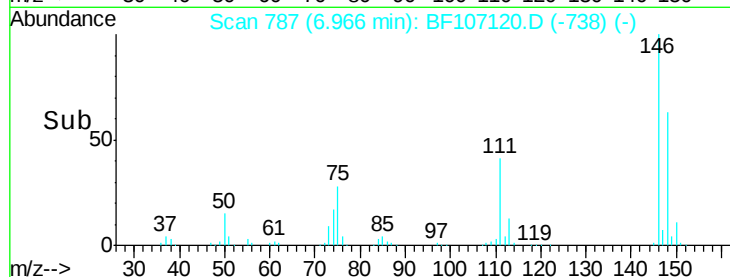
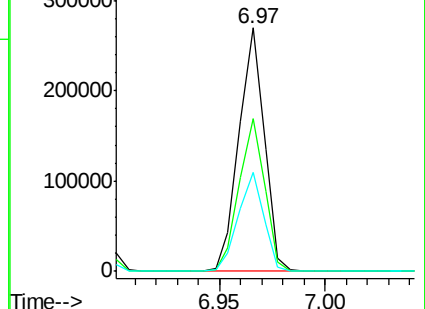
111 40.7 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.498 ng

RT: 7.12 min Scan# 813

Delta R.T. -0.02 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

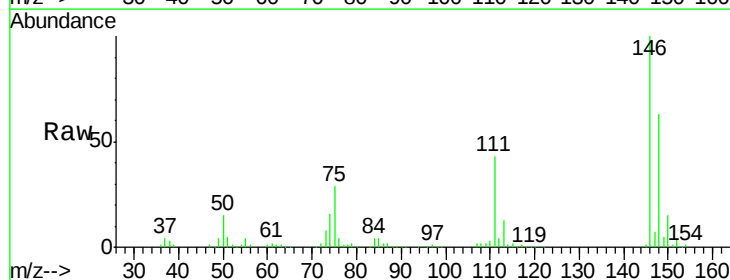
Tgt Ion:146 Resp: 209018

Ion Ratio Lower Upper

146 100

148 62.6 50.6 75.8

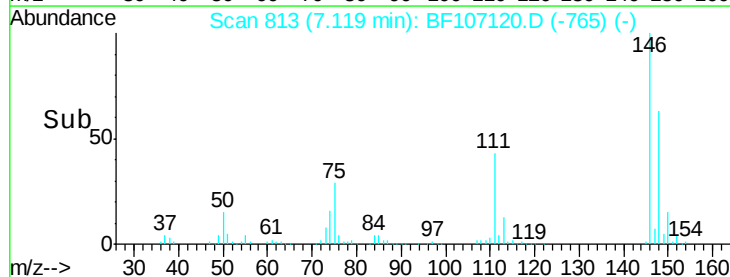
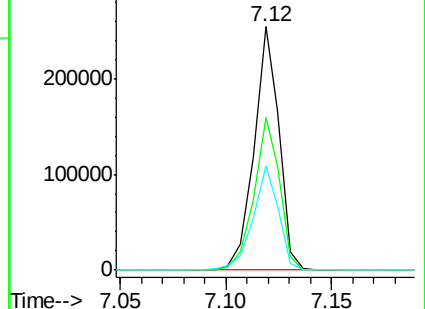
111 43.0 36.0 54.0

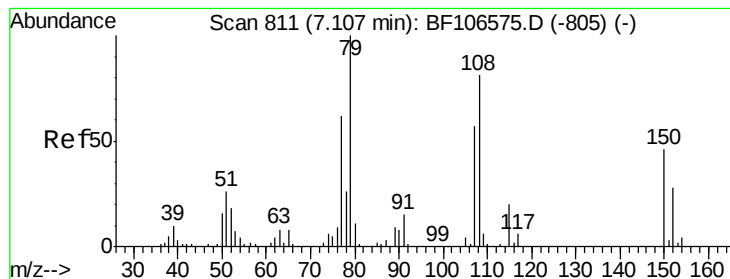


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 33.842 ng

RT: 7.10 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

Instrument :

BNA_F

ClientSampleId :

PB110604BSD

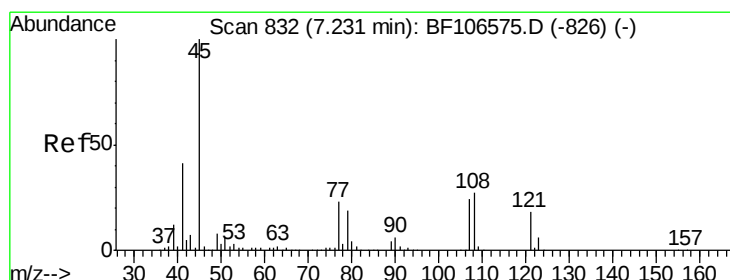
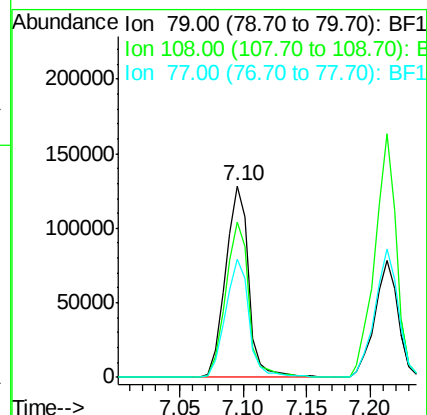
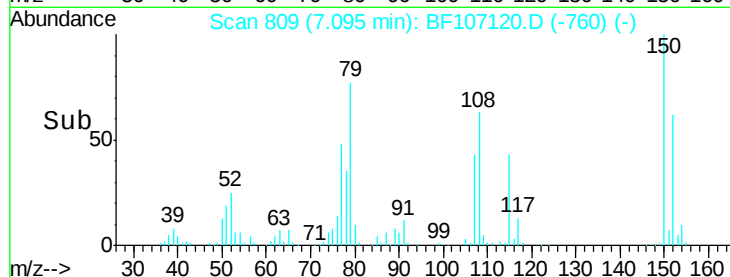
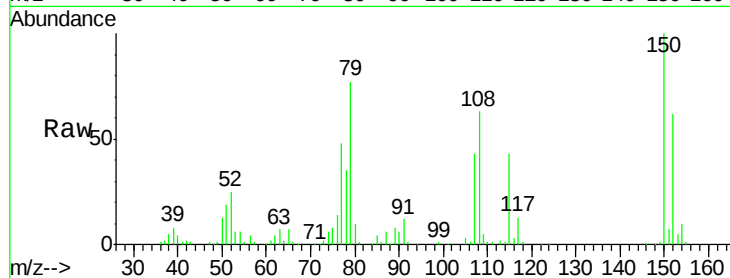
Tgt Ion: 79 Resp: 163276

Ion Ratio Lower Upper

79 100

108 81.0 65.1 97.7

77 61.9 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.246 ng

RT: 7.22 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

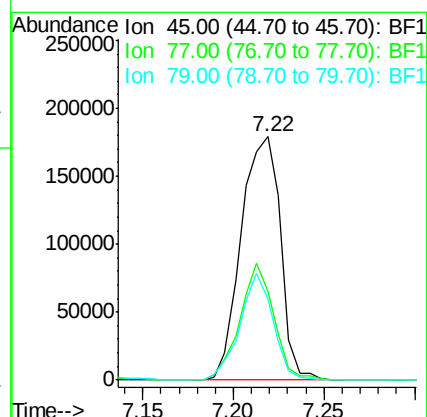
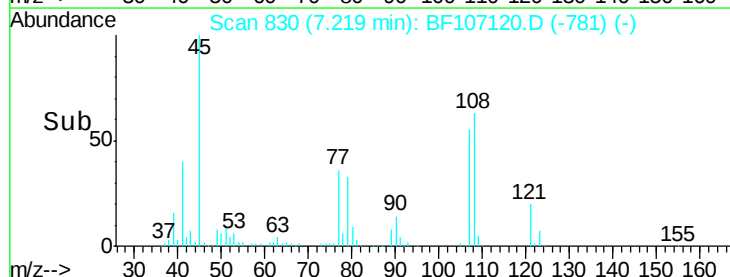
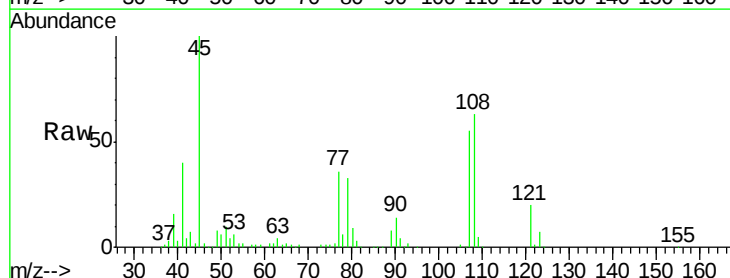
Tgt Ion: 45 Resp: 269216

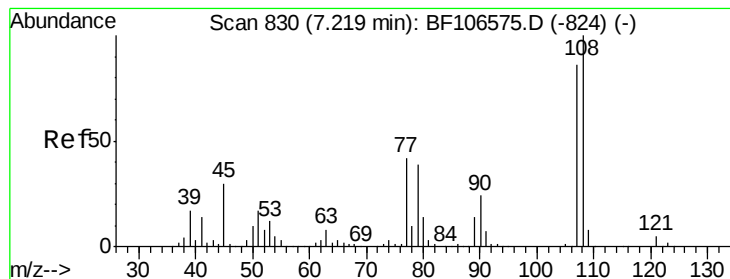
Ion Ratio Lower Upper

45 100

77 36.4 0.0 32.9#

79 33.1 0.0 29.6#





#17

2-Methylphenol

Concen: 37.870 ng

RT: 7.21 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

Instrument :

BNA_F

ClientSampleId :

PB110604BSD

Tgt Ion:107 Resp: 171030

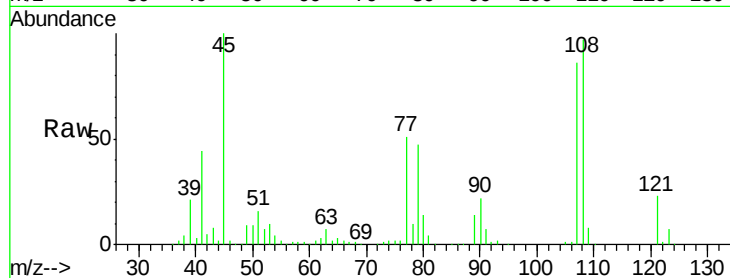
Ion Ratio Lower Upper

107 100

108 112.6 91.7 137.5

77 59.1 33.8 50.8#

79 54.3 33.8 50.8#

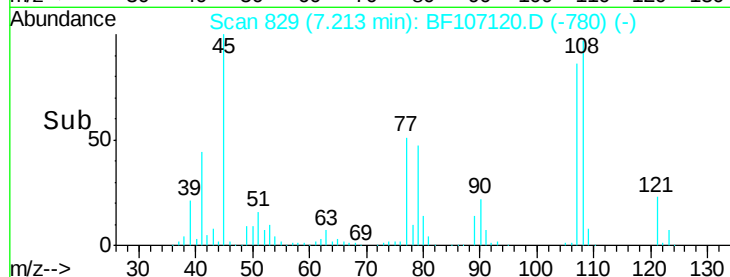


Abundance Ion 107.00 (106.70 to 107.70): E

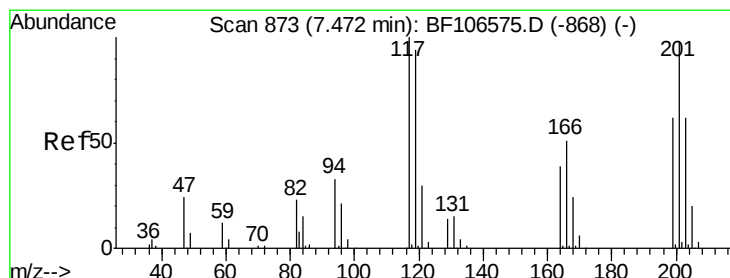
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#18

Hexachloroethane

Concen: 35.924 ng

RT: 7.45 min Scan# 870

Delta R.T. -0.02 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

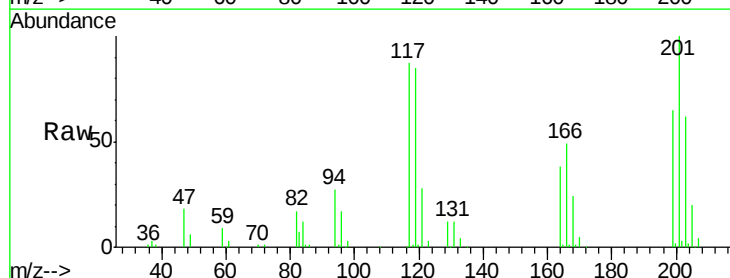
Tgt Ion:117 Resp: 78943

Ion Ratio Lower Upper

117 100

119 98.0 75.8 113.8

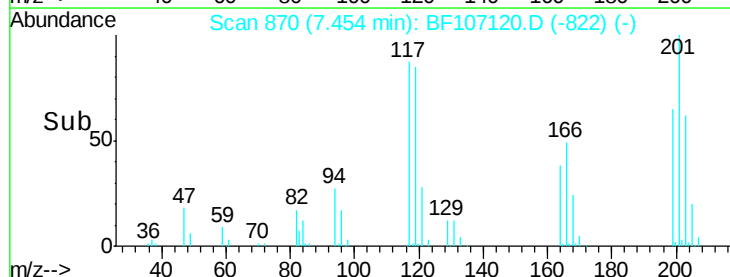
201 114.9 75.7 113.5#



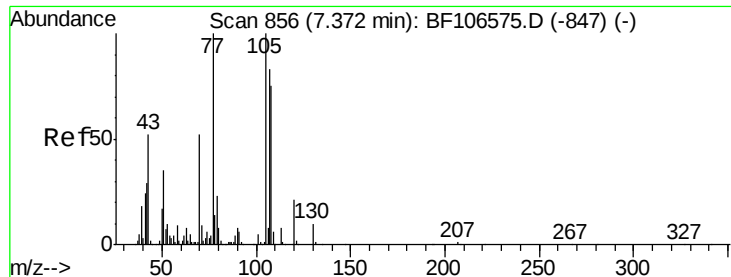
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



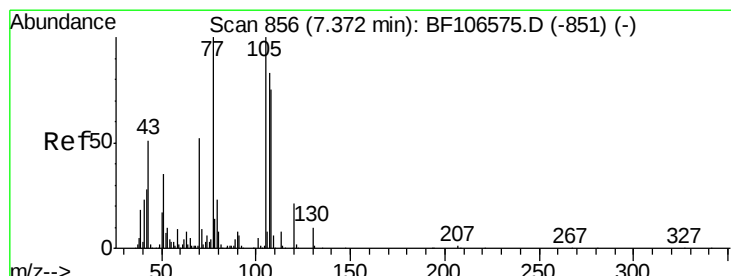
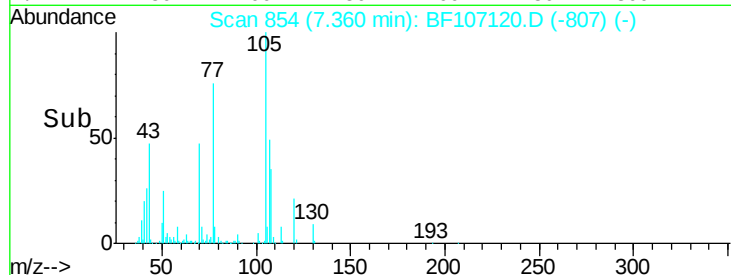
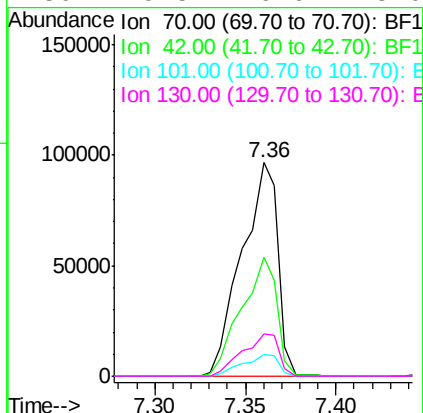
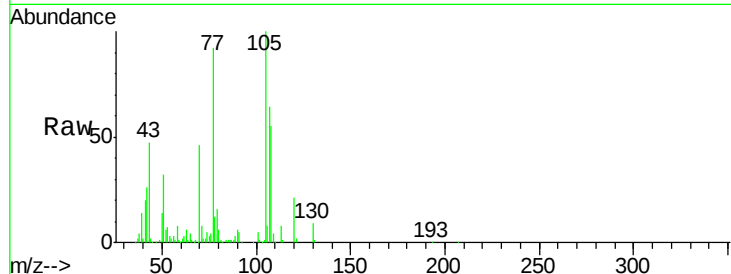
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 33.742 ng
RT: 7.36 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

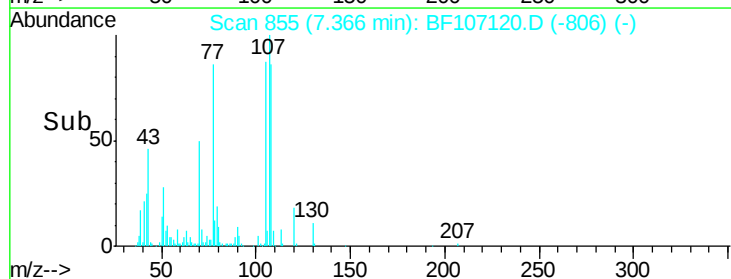
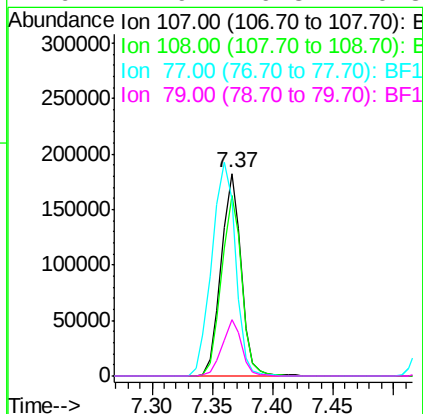
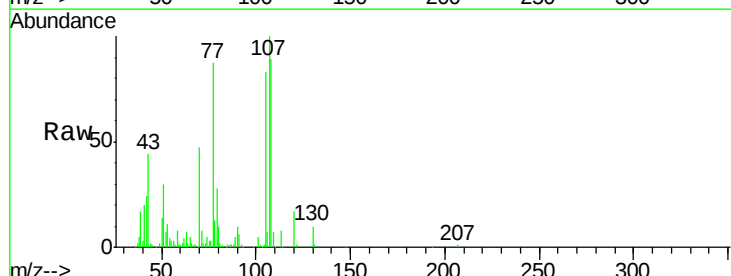
Instrument :
BNA_F
ClientSampleId :
PB110604BSD

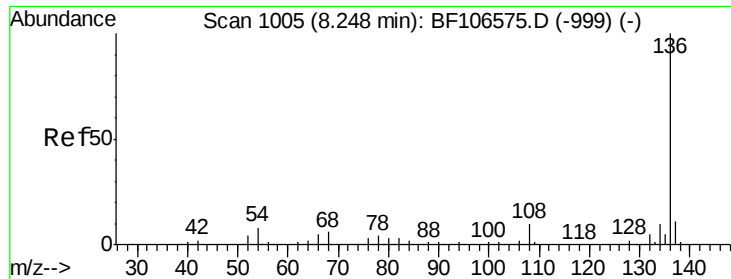
Tgt Ion:	70	Resp:	133643
Ion	Ratio	Lower	Upper
70	100		
42	55.5	47.5	71.3
101	10.3	7.4	11.2
130	19.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 42.043 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Tgt Ion:	107	Resp:	208782
Ion	Ratio	Lower	Upper
107	100		
108	88.8	68.2	108.2
77	87.2	26.7	66.7#
79	27.9	6.3	46.3

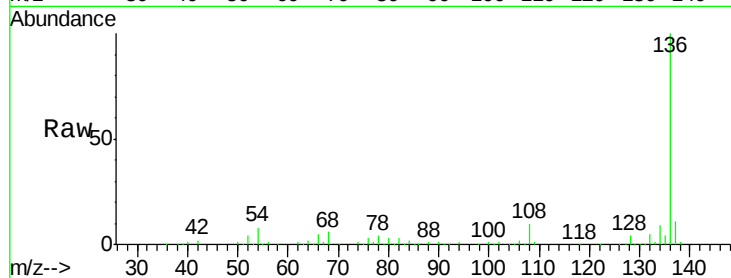




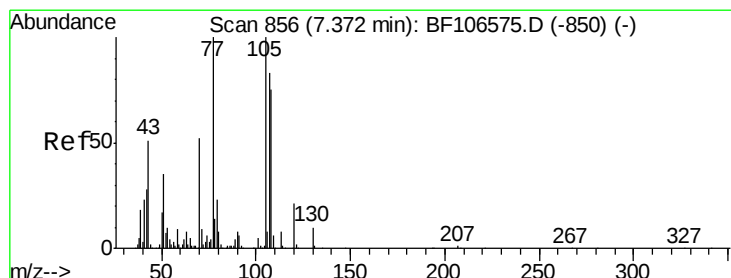
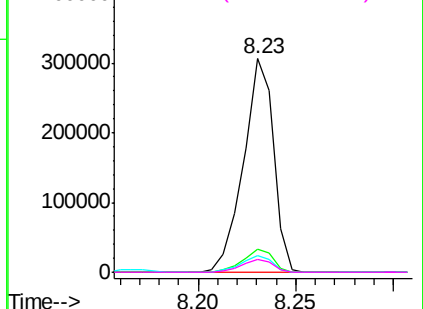
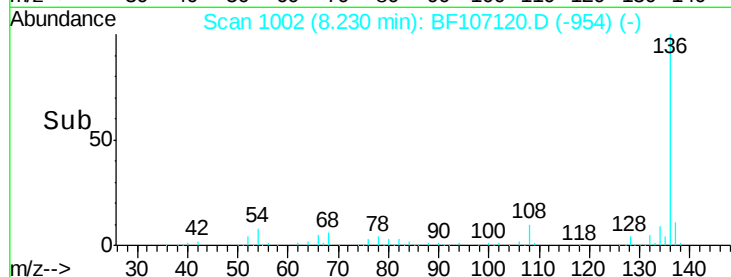
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Instrument :
BNA_F
ClientSampleId :
PB110604BSD

Tgt Ion:	136	Resp:	326858
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.1	6.6	9.8
68	6.1	5.0	7.4

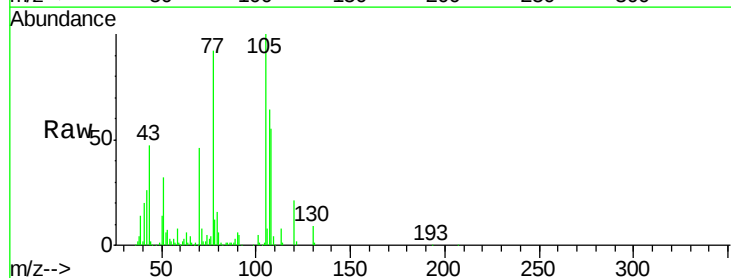


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

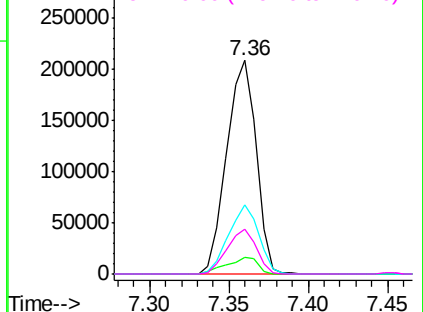
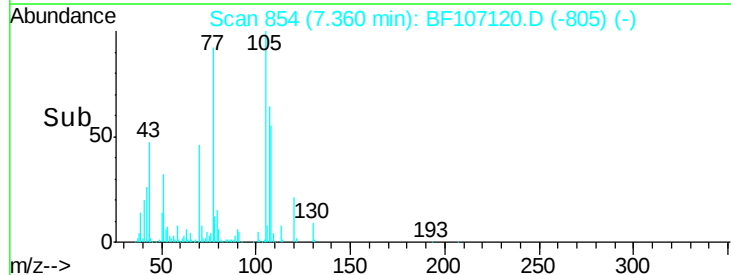


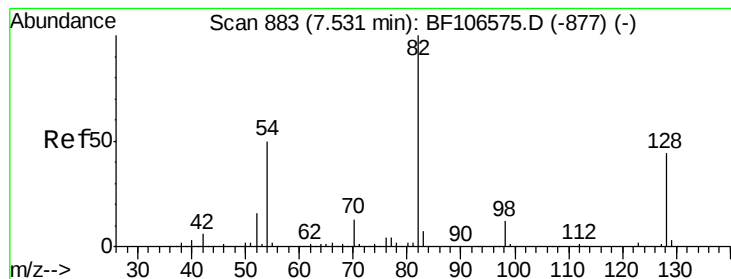
#22
Acetophenone
Concen: 36.842 ng
RT: 7.36 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Tgt Ion:	105	Resp:	269413
Ion	Ratio	Lower	Upper
105	100		
71	7.6	4.4	6.6#
51	32.2	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: 71.886 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

Instrument :

BNA_F

ClientSampleId :

PB110604BSD

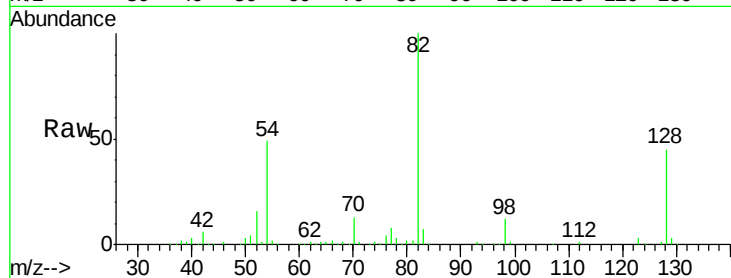
Tgt Ion: 82 Resp: 422802

Ion Ratio Lower Upper

82 100

128 45.2 36.1 54.1

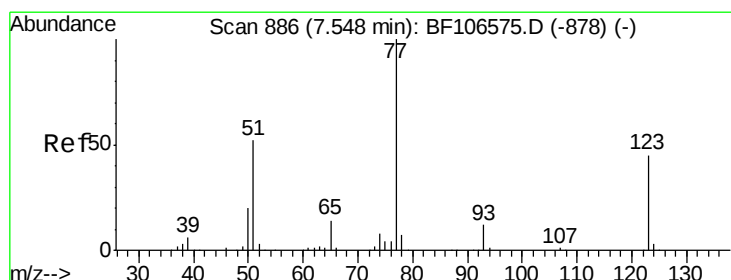
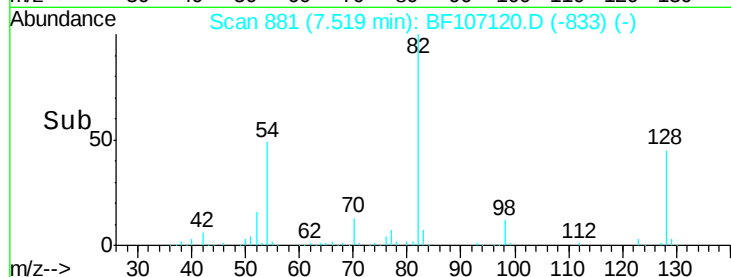
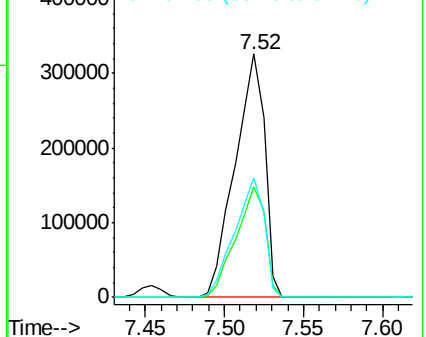
54 48.8 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 35.786 ng

RT: 7.54 min Scan# 884

Delta R.T. -0.02 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

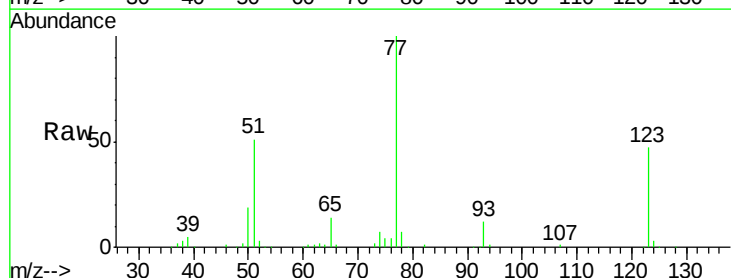
Tgt Ion: 77 Resp: 214890

Ion Ratio Lower Upper

77 100

123 46.6 37.9 56.9

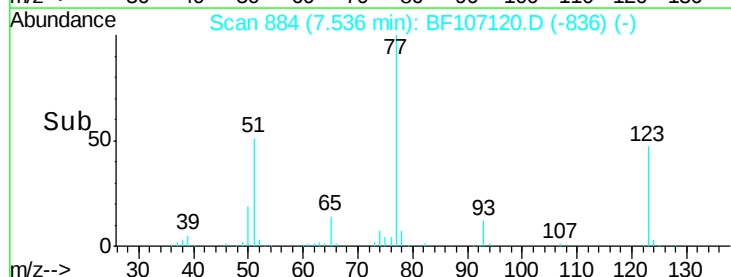
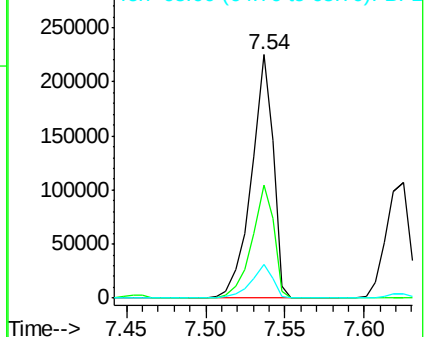
65 13.7 11.0 16.4

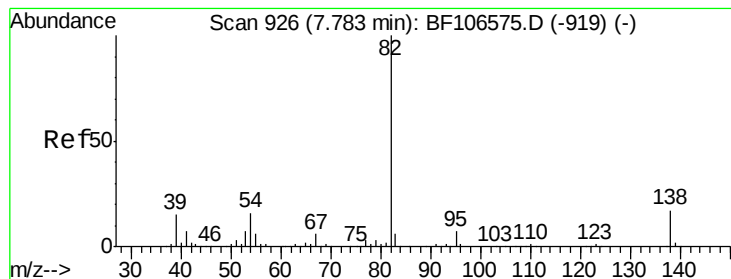


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.752 ng

RT: 7.77 min Scan# 924

Delta R.T. -0.02 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

Instrument :

BNA_F

ClientSampleId :

PB110604BSD

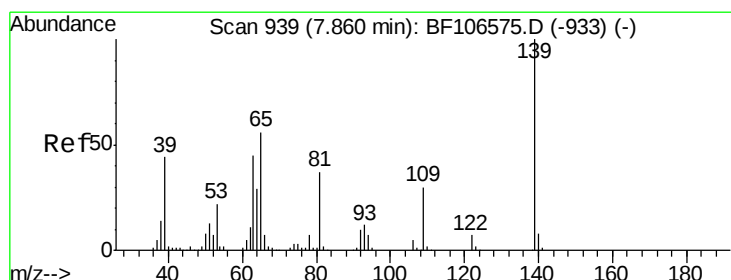
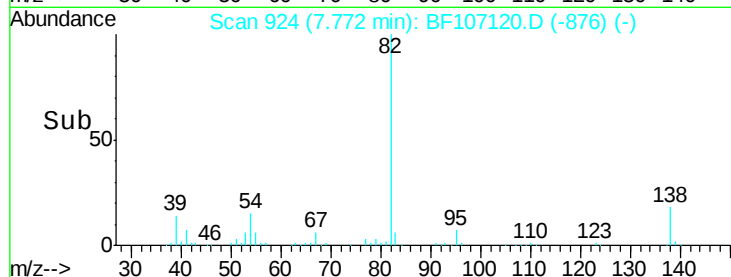
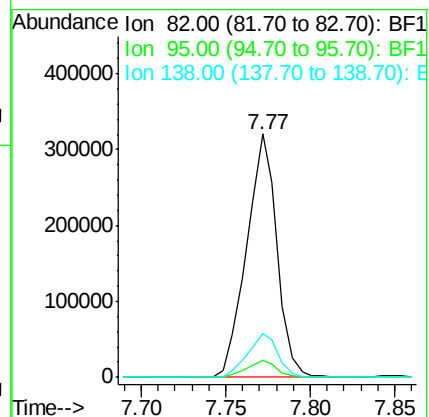
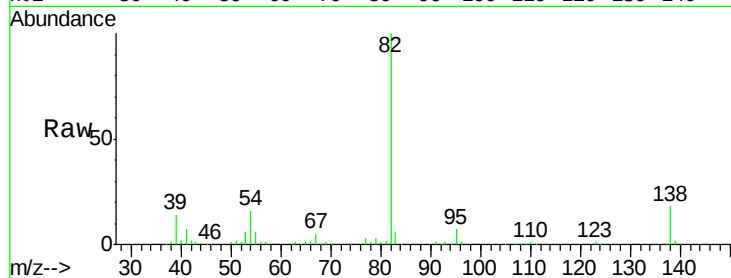
Tgt Ion: 82 Resp: 401629

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

138 18.1 14.9 22.3



#26

2-Nitrophenol

Concen: 40.421 ng

RT: 7.85 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

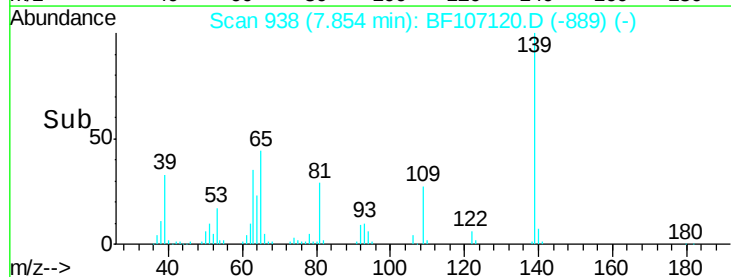
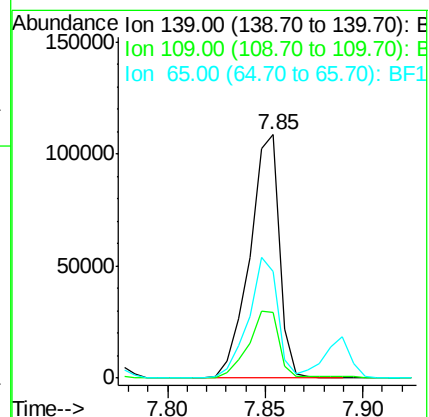
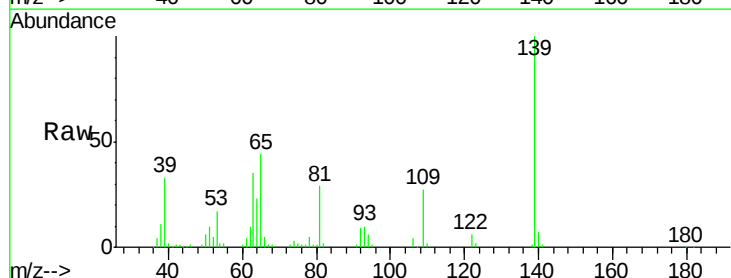
Tgt Ion: 139 Resp: 114582

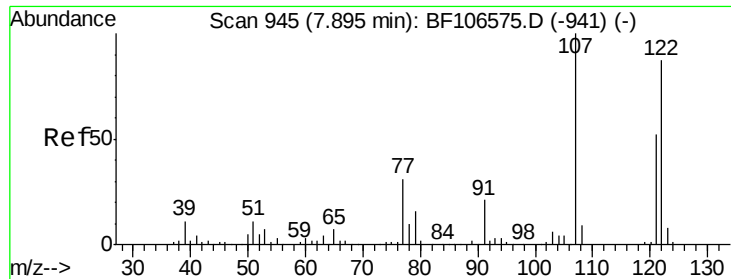
Ion Ratio Lower Upper

139 100

109 27.0 22.7 34.1

65 43.9 40.5 60.7

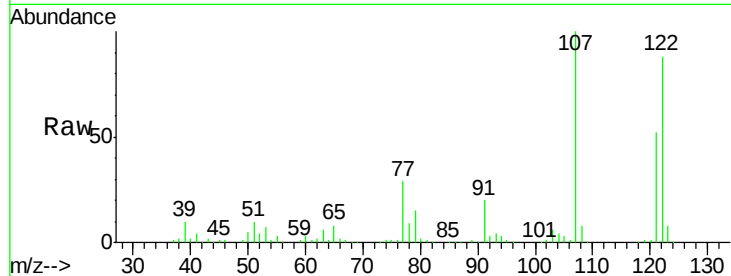




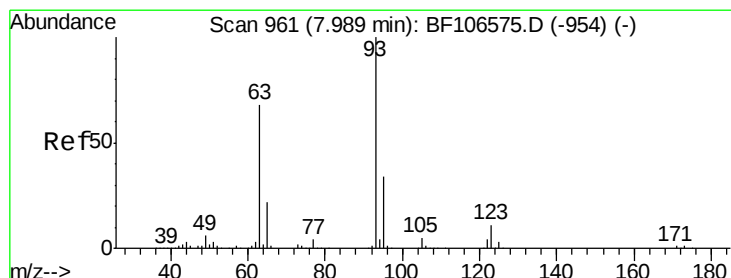
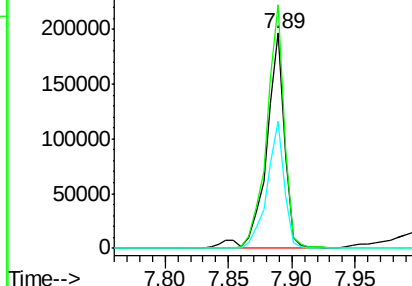
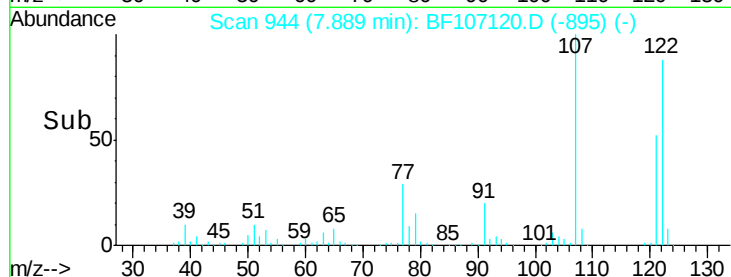
#27
 2,4-Dimethylphenol
 Concen: 44.800 ng
 RT: 7.89 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF107120.D
 Acq: 5 Jul 2018 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB110604BSD

Tgt Ion:122 Resp: 196289
 Ion Ratio Lower Upper
 122 100
 107 113.1 91.2 136.8
 121 59.3 47.2 70.8

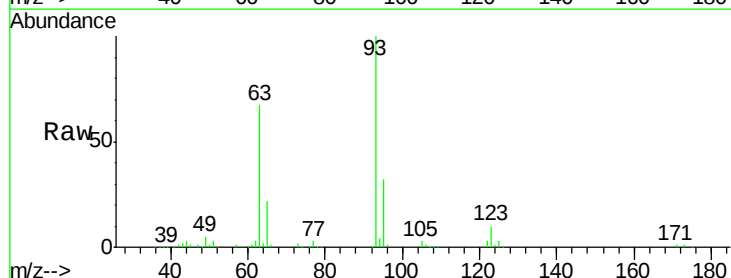


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

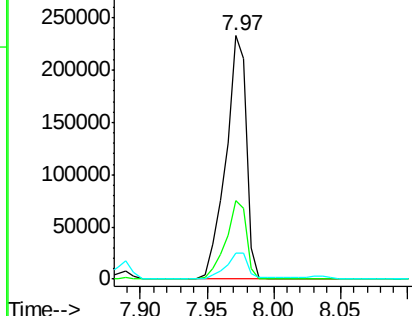
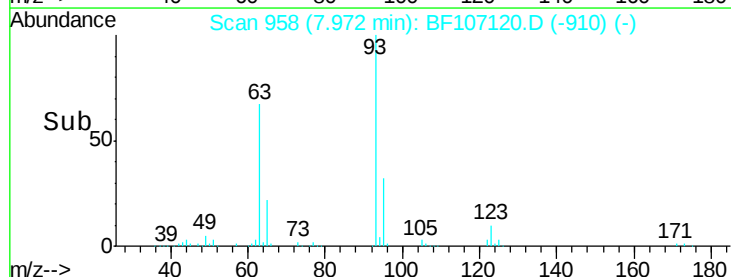


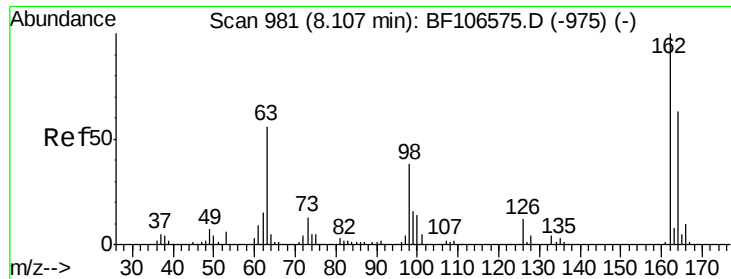
#28
 bis(2-Chloroethoxy)methane
 Concen: 36.697 ng
 RT: 7.97 min Scan# 958
 Delta R.T. -0.02 min
 Lab File: BF107120.D
 Acq: 5 Jul 2018 12:13

Tgt Ion: 93 Resp: 255365
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.3 39.5
 123 10.4 9.8 14.6



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

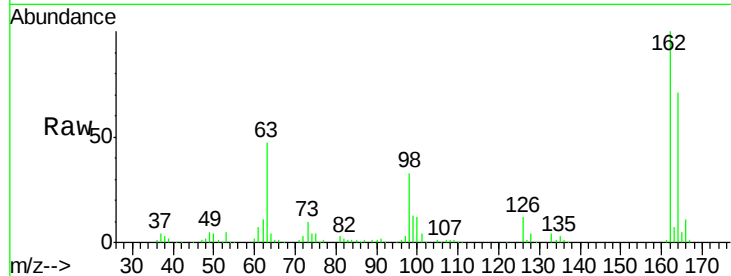




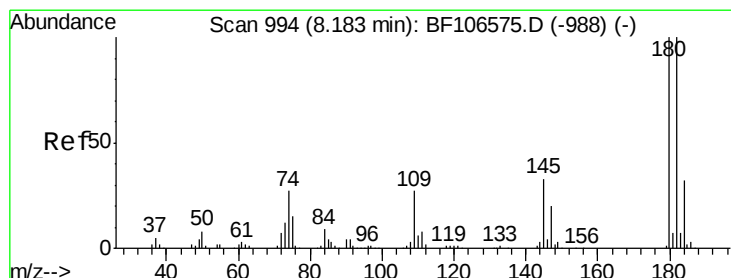
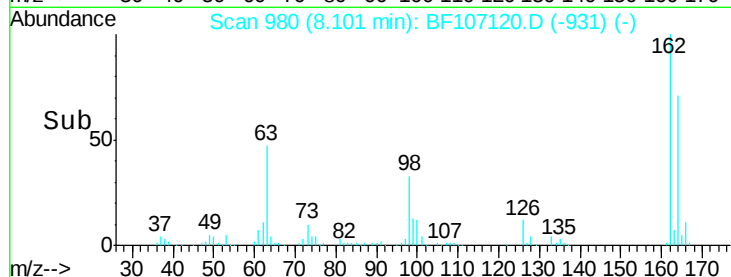
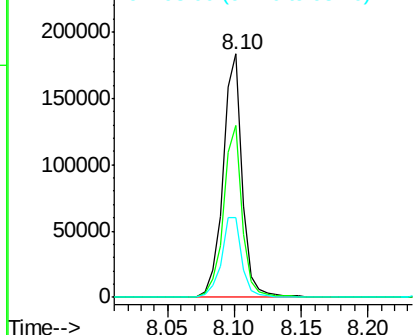
#29
2,4-Dichlorophenol
Concen: 40.842 ng
RT: 8.10 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Instrument :
BNA_F
ClientSampleId :
PB110604BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	70.9	42.7	82.7
98	32.8	18.1	58.1

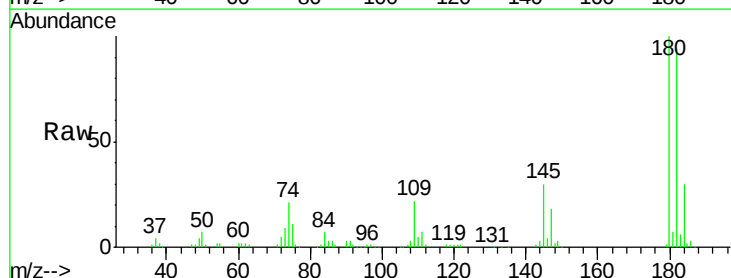


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

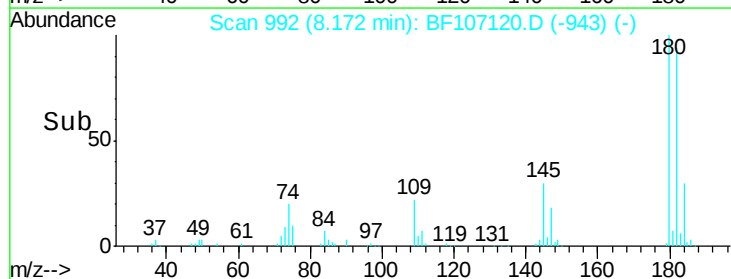
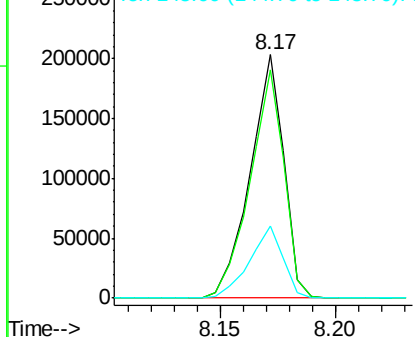


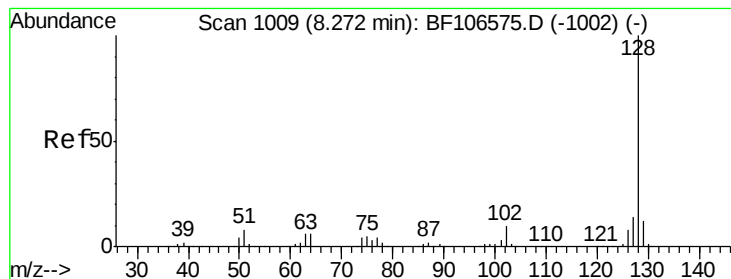
#30
1,2,4-Trichlorobenzene
Concen: 40.850 ng
RT: 8.17 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.8	115.2
145	29.5	26.5	39.7



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





#31

Naphthalene

Concen: 37.909 ng

RT: 8.25 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

Instrument :

BNA_F

ClientSampleId :

PB110604BSD

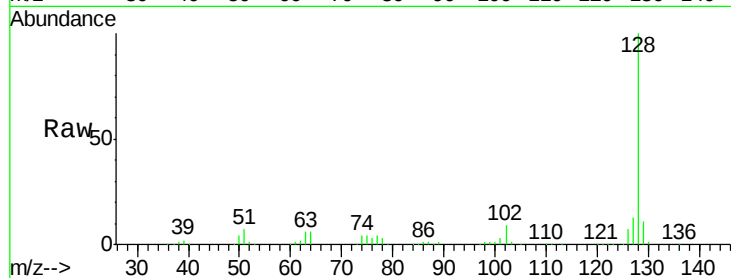
Tgt Ion:128 Resp: 579307

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

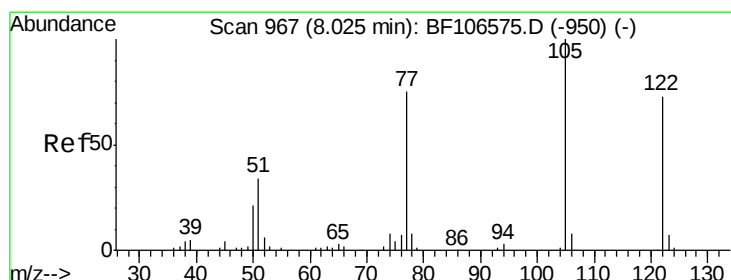
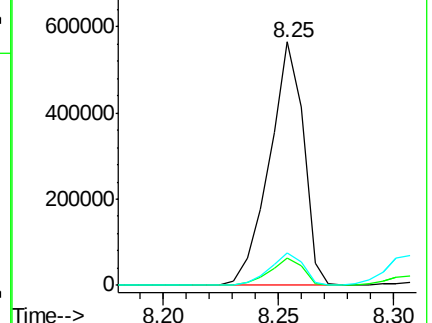
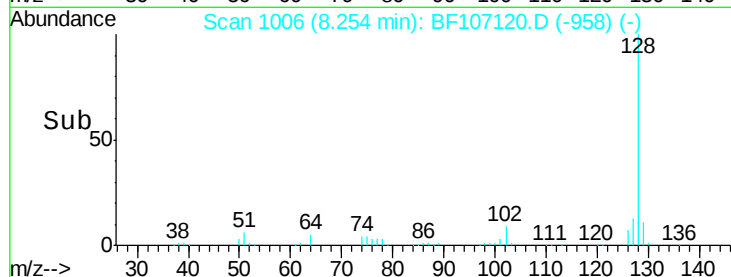
127 13.4 10.9 16.3



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: 31.924 ng

RT: 8.04 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

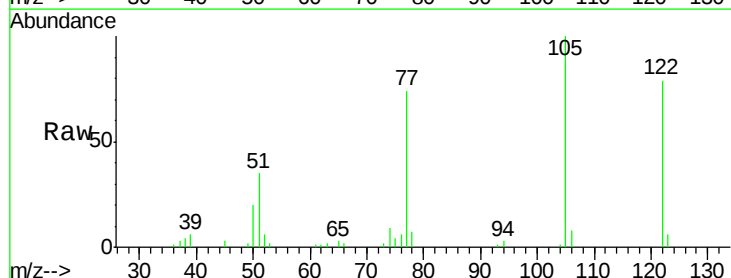
Tgt Ion:122 Resp: 94794

Ion Ratio Lower Upper

122 100

105 126.7 101.1 141.1

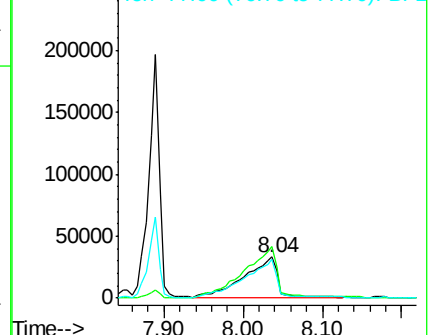
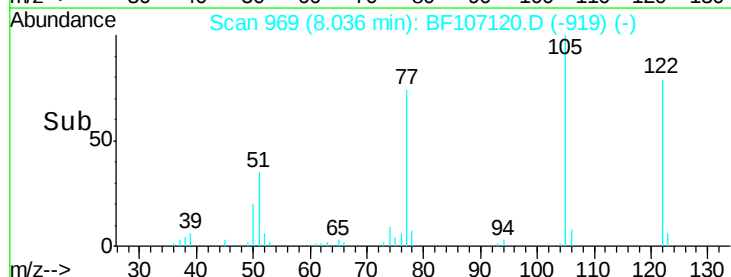
77 93.8 70.7 110.7

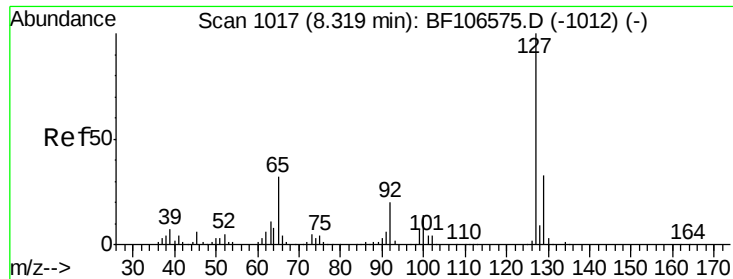


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

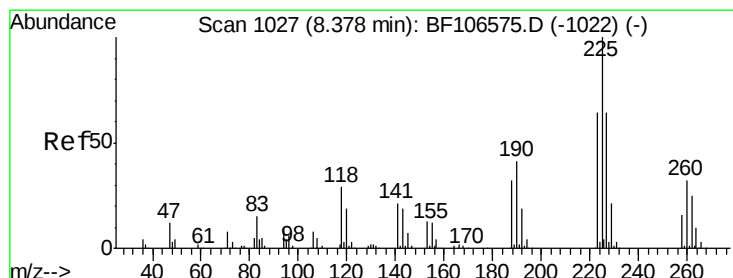
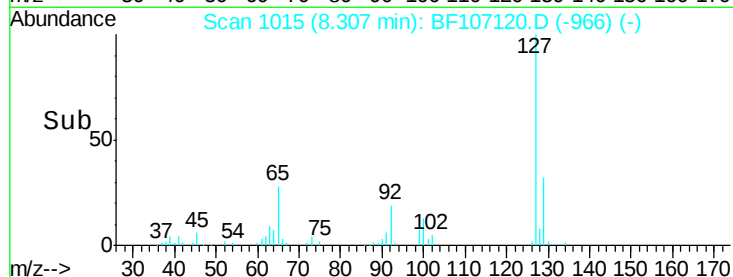
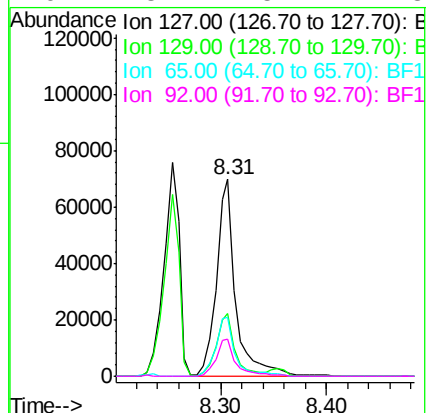
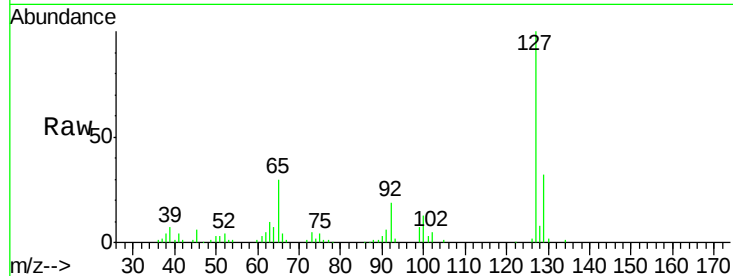




#33
4-Chloroaniline
Concen: 14.128 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

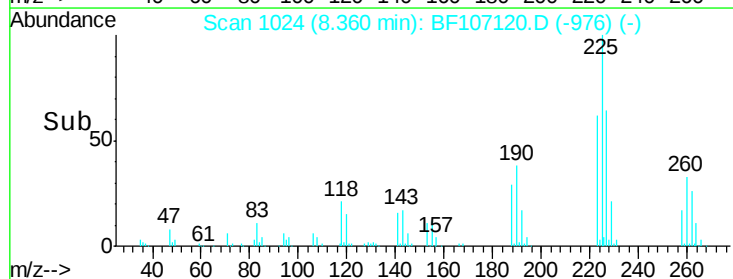
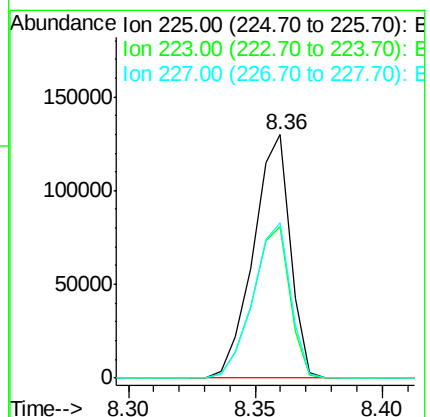
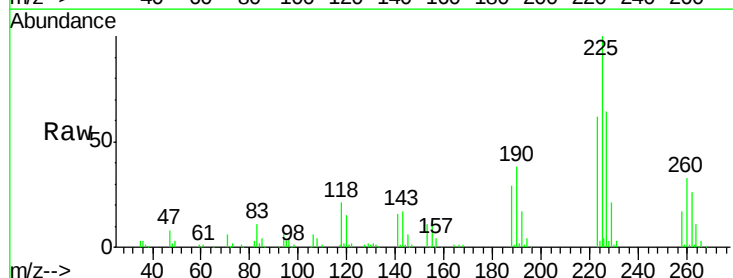
Instrument :
BNA_F
ClientSampleId :
PB110604BSD

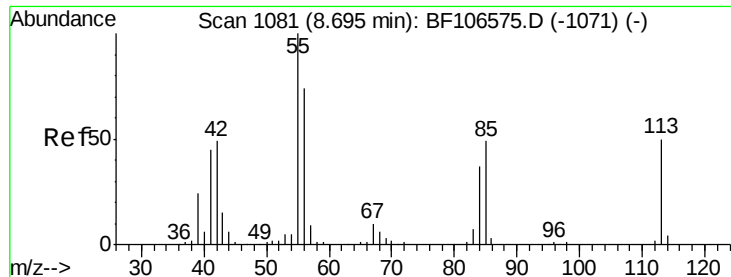
Tgt Ion:	127	Resp:	90593
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	29.8	25.0	37.4
92	18.7	15.2	22.8



#34
Hexachlorobutadiene
Concen: 40.063 ng
RT: 8.36 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Tgt Ion:	225	Resp:	131914
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.6	76.0
227	63.6	51.9	77.9

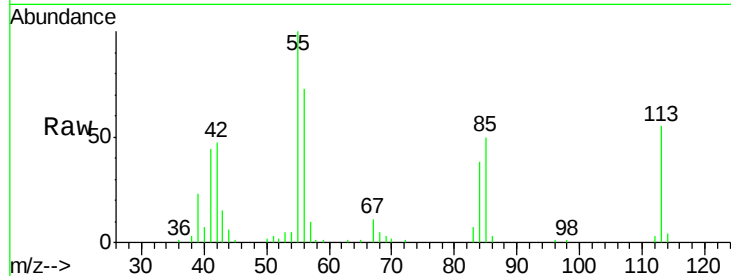




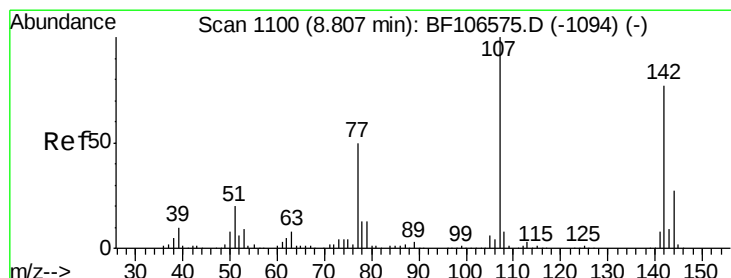
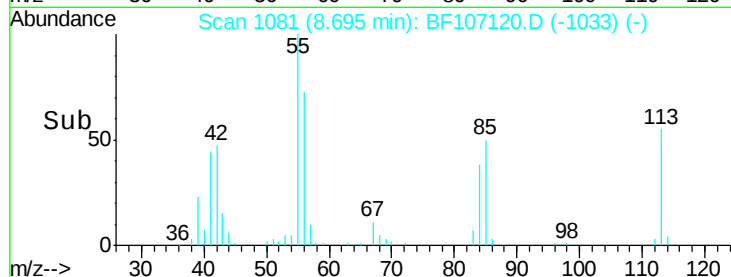
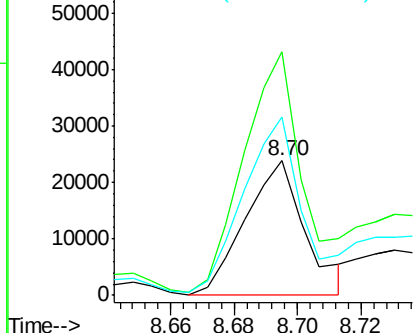
#35
 Caprolactam
 Concen: 20.898 ng
 RT: 8.70 min Scan# 1081
 Delta R.T. -0.02 min
 Lab File: BF107120.D
 Acq: 5 Jul 2018 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB110604BSD

Tgt Ion:113 Resp: 31247
 Ion Ratio Lower Upper
 113 100
 55 180.7 163.3 203.3
 56 132.3 115.7 155.7

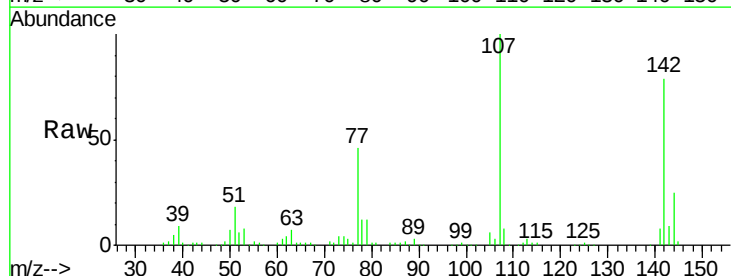


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

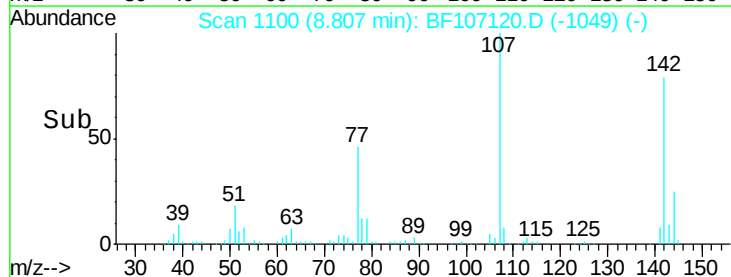
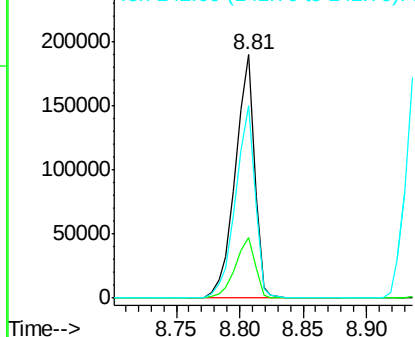


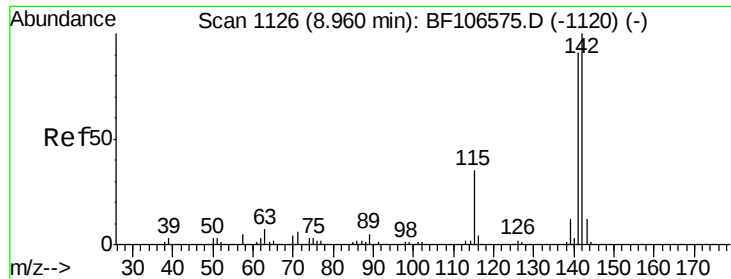
#36
 4-Chloro-3-methylphenol
 Concen: 41.175 ng
 RT: 8.81 min Scan# 1100
 Delta R.T. -0.00 min
 Lab File: BF107120.D
 Acq: 5 Jul 2018 12:13

Tgt Ion:107 Resp: 198803
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.5 30.7
 142 79.0 62.0 93.0



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

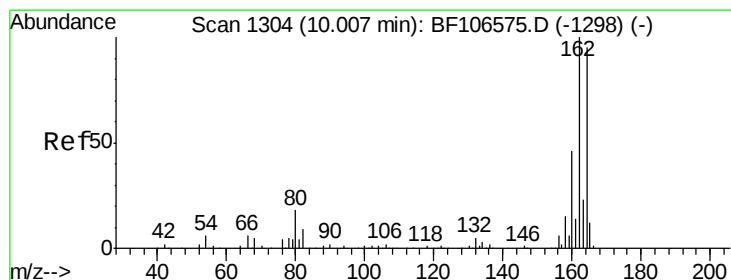
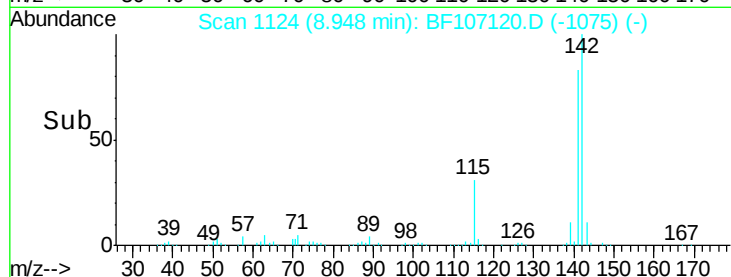
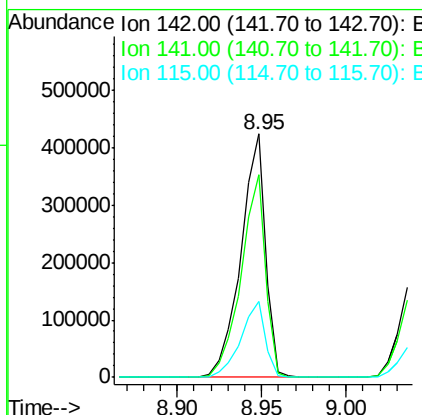
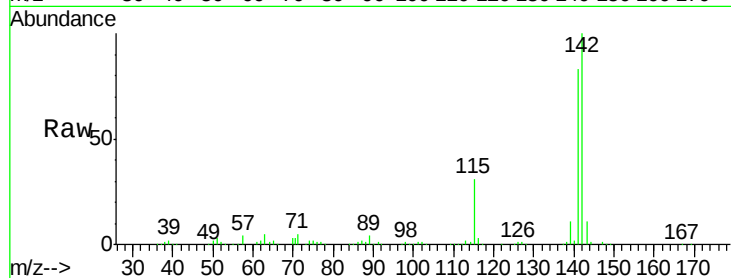




#37
2-Methylnaphthalene
Concen: 42.780 ng
RT: 8.95 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

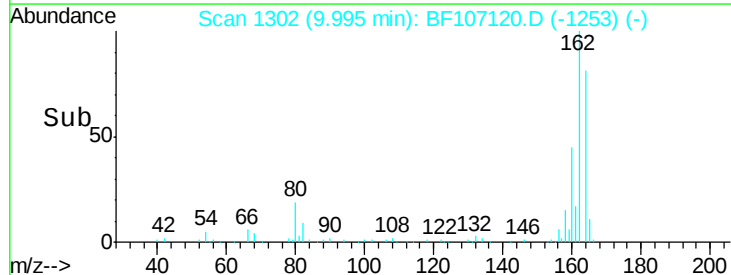
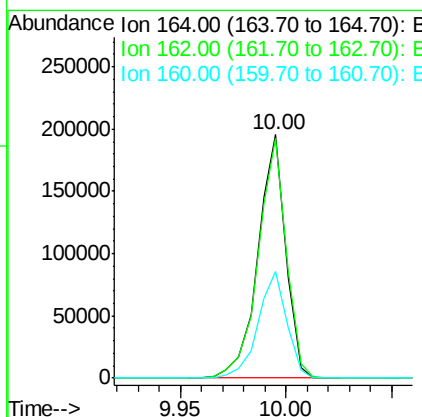
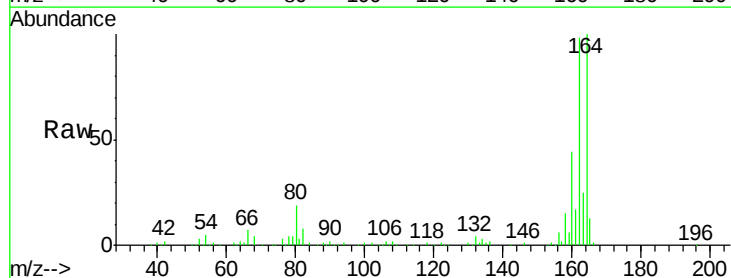
Instrument :
BNA_F
ClientSampleId :
PB110604BSD

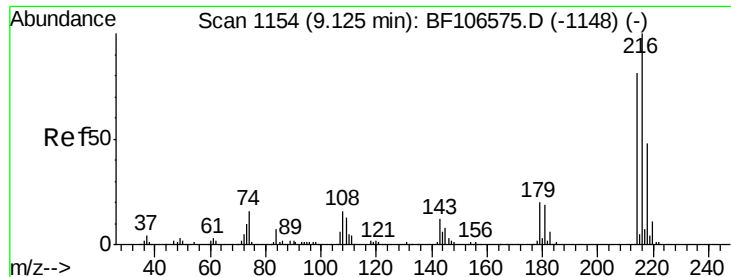
Tgt Ion:142 Resp: 433319
Ion Ratio Lower Upper
142 100
141 83.3 70.8 106.2
115 31.0 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Tgt Ion:164 Resp: 178231
Ion Ratio Lower Upper
164 100
162 98.4 86.1 129.1
160 44.0 38.3 57.5

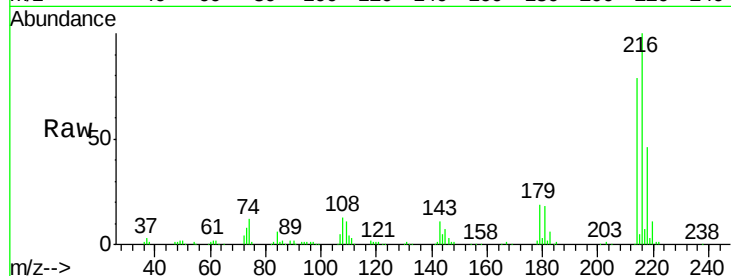




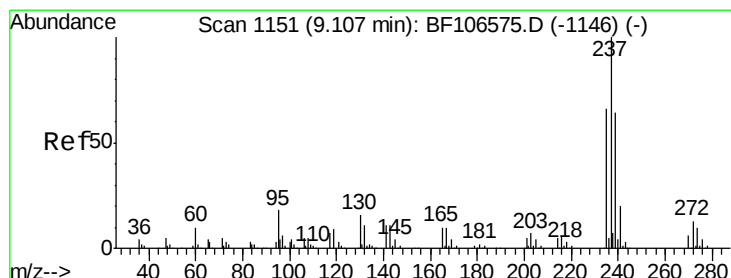
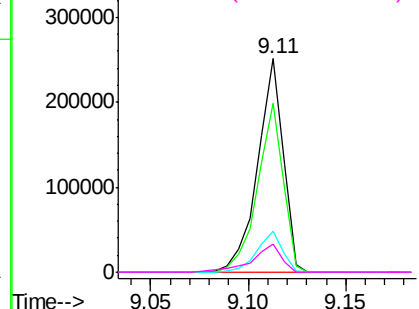
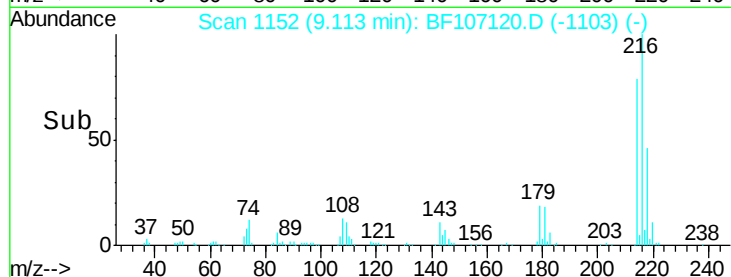
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.101 ng
 RT: 9.11 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF107120.D
 Acq: 5 Jul 2018 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB110604BSD

Tgt Ion:	216	Resp:	228695
Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.0	94.4
179	19.1	18.1	27.1
108	15.2	17.2	25.8#

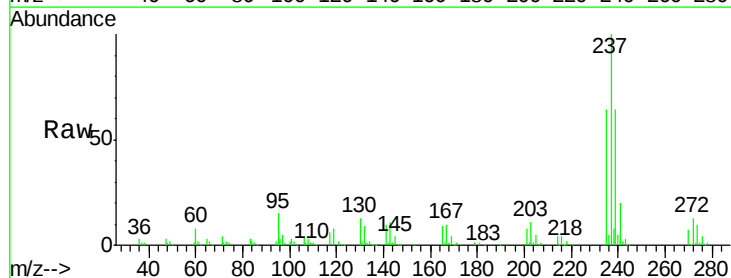


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

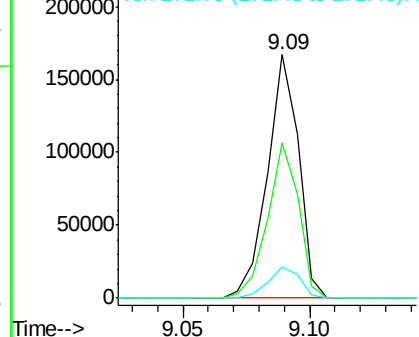
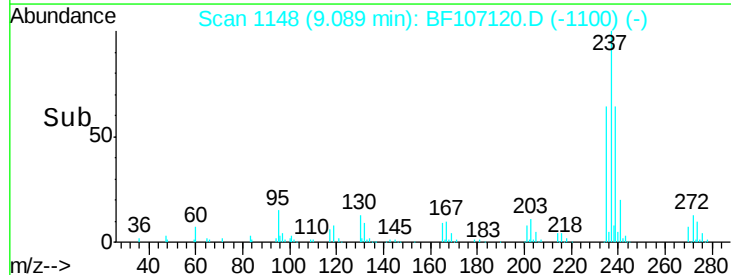


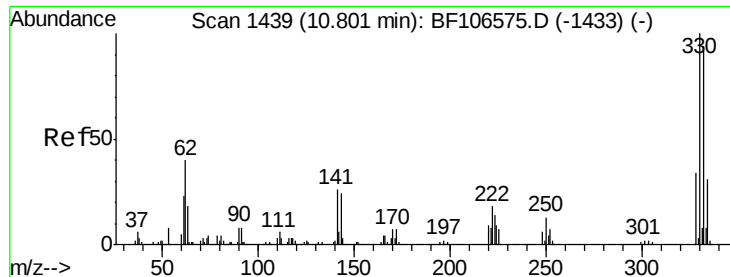
#40
 Hexachlorocyclopentadiene
 Concen: 46.737 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.02 min
 Lab File: BF107120.D
 Acq: 5 Jul 2018 12:13

Tgt Ion:	237	Resp:	144331
Ion	Ratio	Lower	Upper
237	100		
235	63.6	44.8	84.8
272	12.9	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

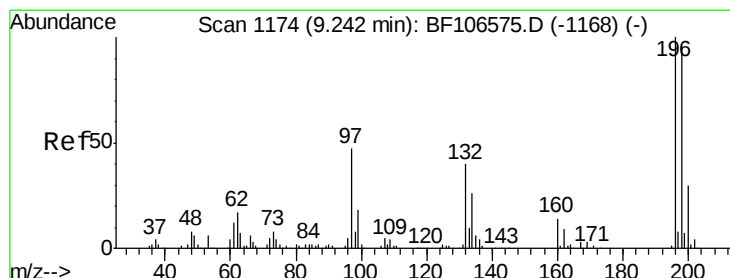
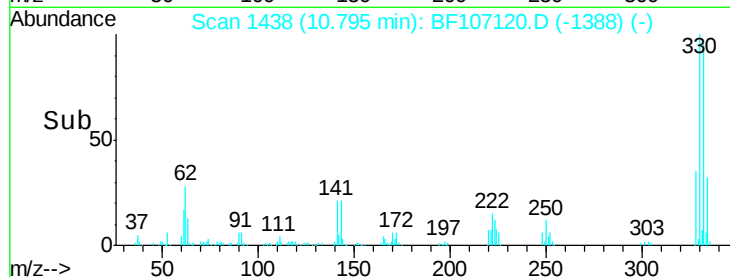
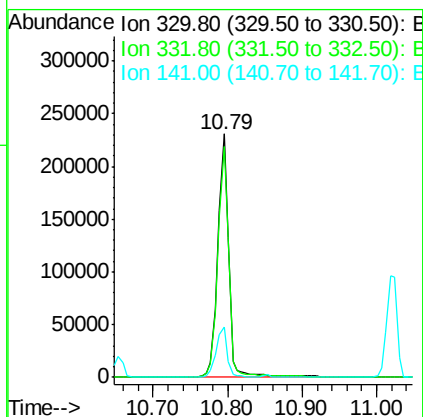
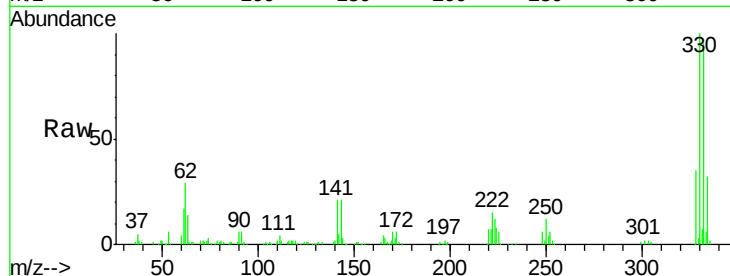




#41
 2,4,6-Tribromophenol
 Concen: 114.287 ng
 RT: 10.79 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107120.D
 Acq: 5 Jul 2018 12:13

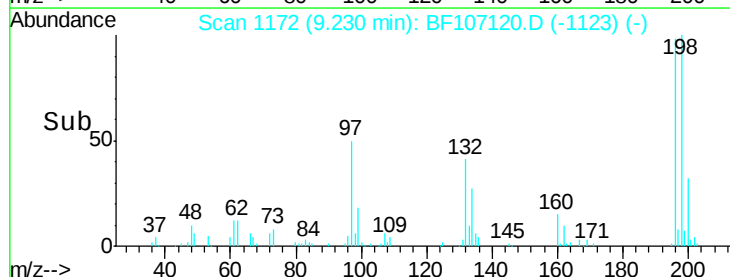
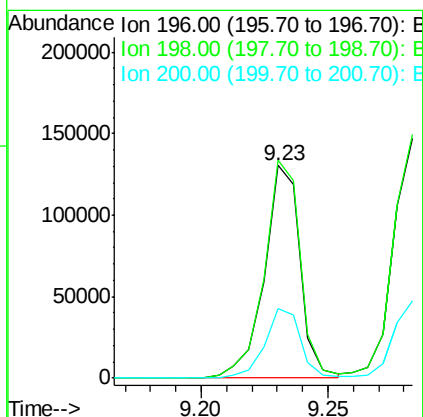
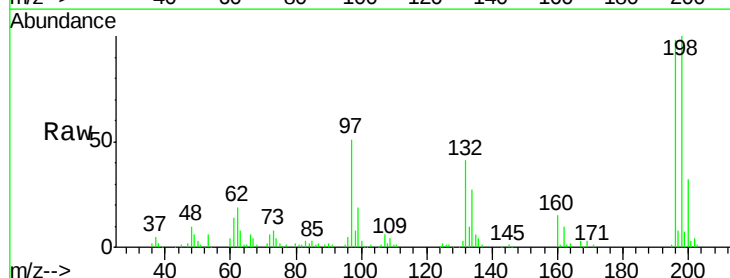
Instrument :
 BNA_F
 ClientSampleId :
 PB110604BSD

Tgt Ion:330 Resp: 236088
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 21.2 29.9 44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 32.501 ng
 RT: 9.23 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF107120.D
 Acq: 5 Jul 2018 12:13

Tgt Ion:196 Resp: 129671
 Ion Ratio Lower Upper
 196 100
 198 102.5 75.7 113.5
 200 32.7 24.5 36.7

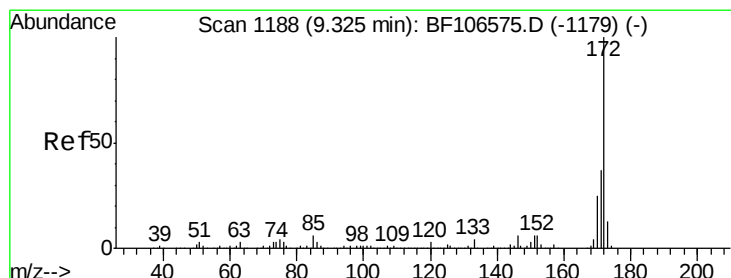
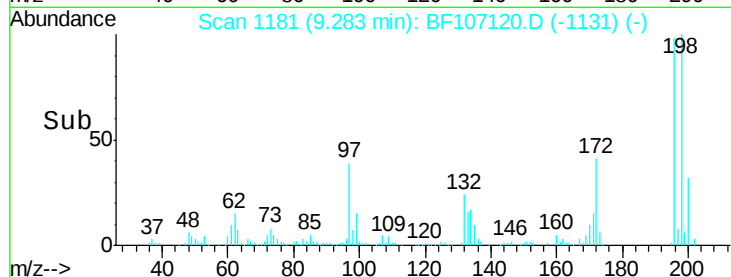
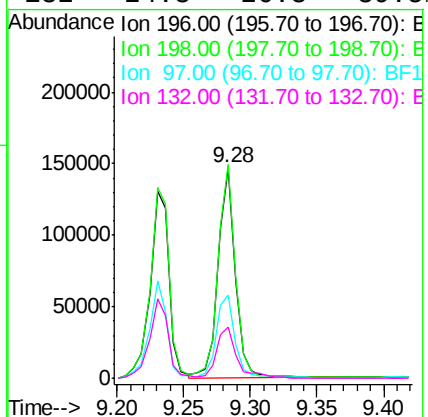
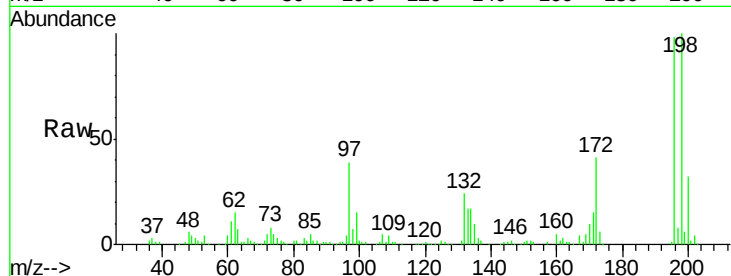




#43
 2,4,5-Trichlorophenol
 Concen: 32.518 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF107120.D
 Acq: 5 Jul 2018 12:13

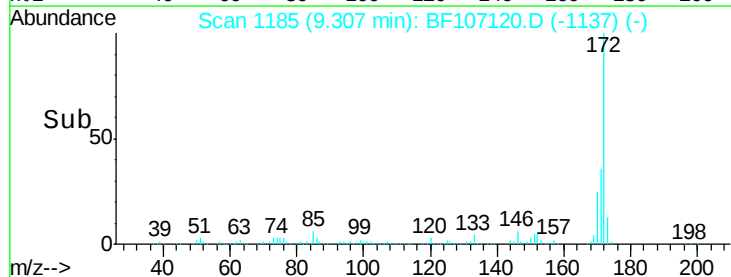
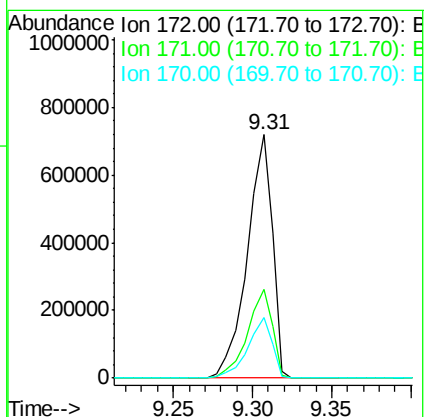
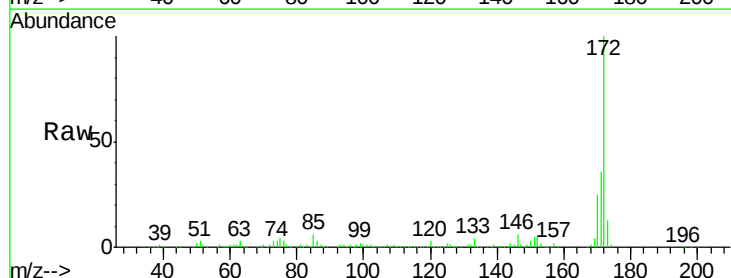
Instrument :
 BNA_F
 ClientSampleId :
 PB110604BSD

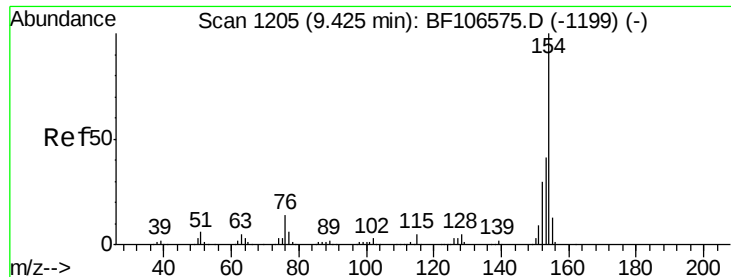
Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.6	74.6	112.0
97	39.6	42.9	64.3#
132	24.3	26.3	39.5#



#44
 2-Fluorobiphenyl
 Concen: 72.539 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107120.D
 Acq: 5 Jul 2018 12:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.8	19.6	29.4

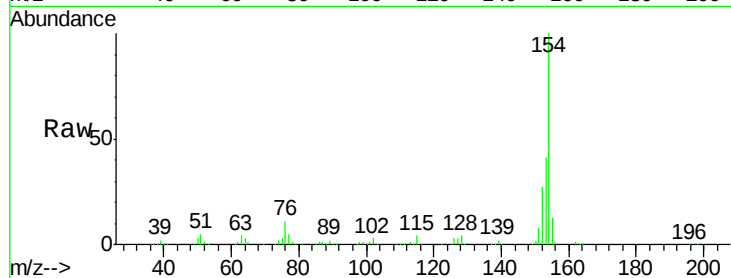




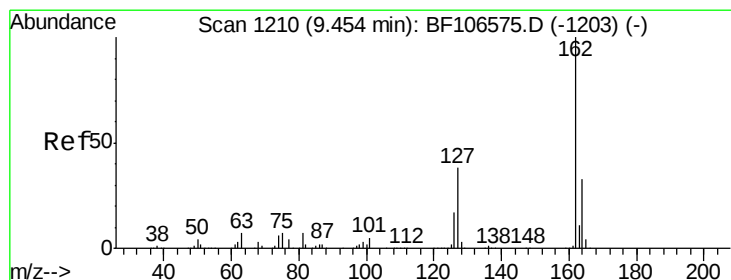
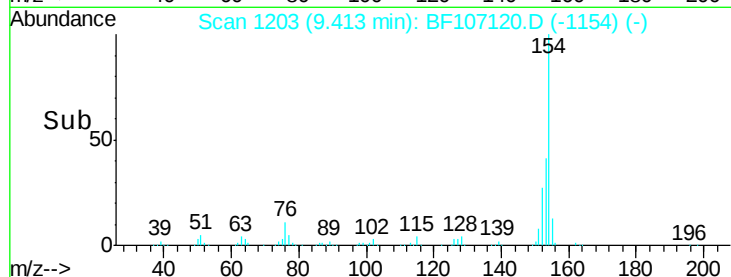
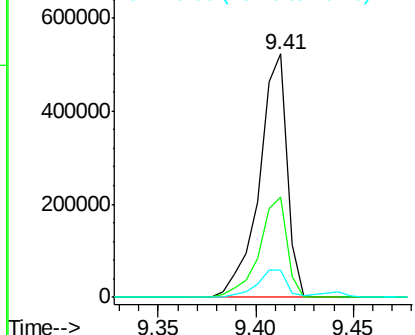
#45
 1,1'-Biphenyl
 Concen: 36.547 ng
 RT: 9.41 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF107120.D
 Acq: 5 Jul 2018 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB110604BSD

Tgt Ion:154 Resp: 519113
 Ion Ratio Lower Upper
 154 100
 153 41.0 21.3 61.3
 76 11.1 0.0 34.0

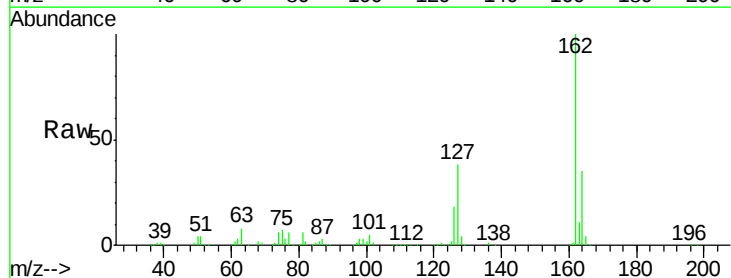


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

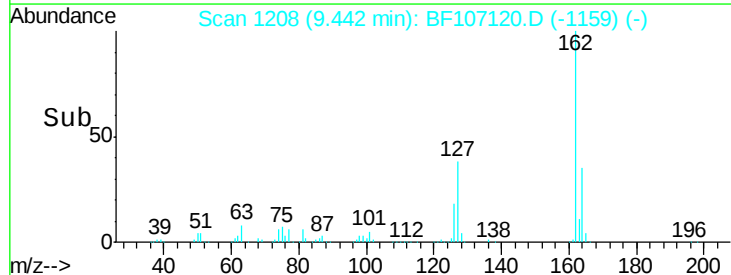
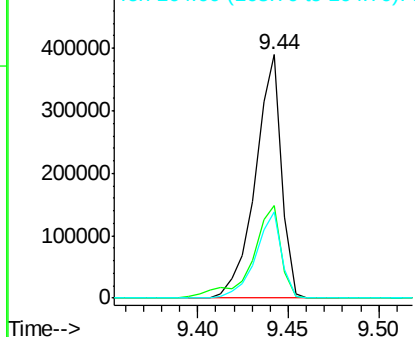


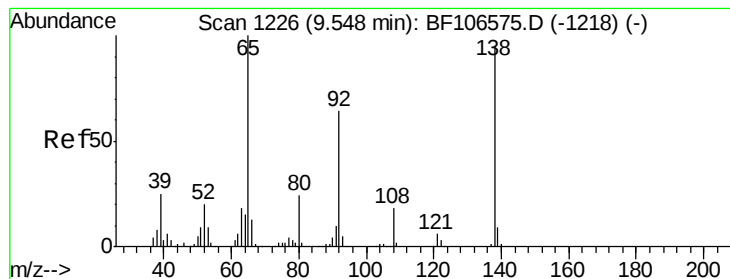
#46
 2-Chloronaphthalene
 Concen: 34.782 ng
 RT: 9.44 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF107120.D
 Acq: 5 Jul 2018 12:13

Tgt Ion:162 Resp: 388887
 Ion Ratio Lower Upper
 162 100
 127 37.9 33.9 50.9
 164 35.3 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: 33.484 ng

RT: 9.54 min Scan# 1225

Delta R.T. -0.01 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

Instrument :

BNA_F

ClientSampleId :

PB110604BSD

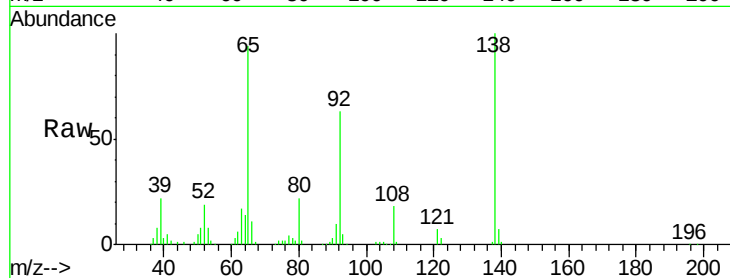
Tgt Ion: 65 Resp: 125889

Ion Ratio Lower Upper

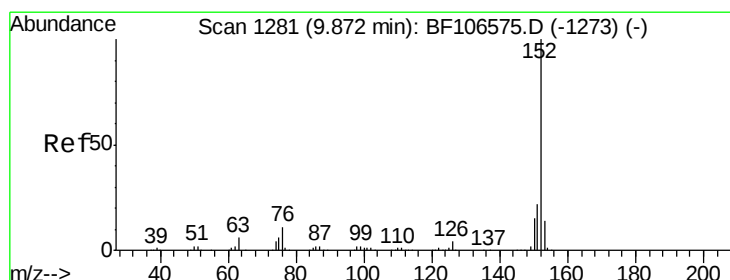
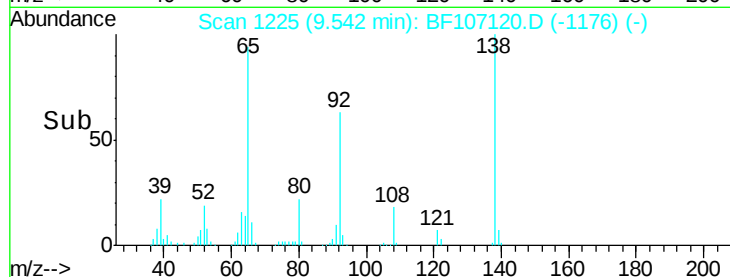
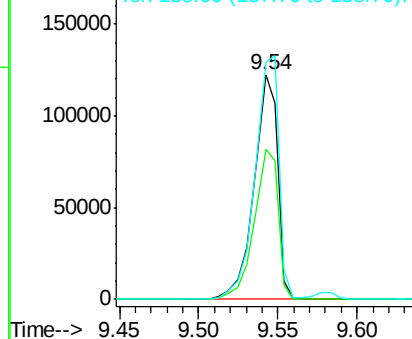
65 100

92 67.1 55.8 83.6

138 105.9 91.2 136.8



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



#48

Acenaphthylene

Concen: 34.141 ng

RT: 9.86 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

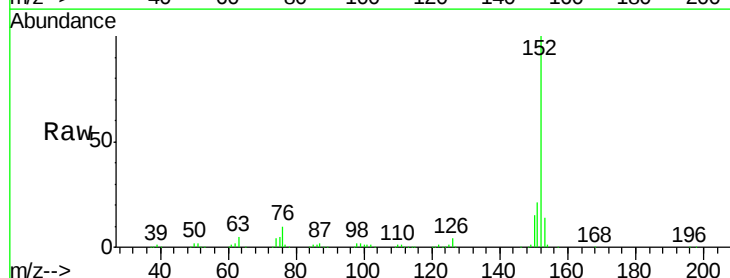
Tgt Ion: 152 Resp: 602658

Ion Ratio Lower Upper

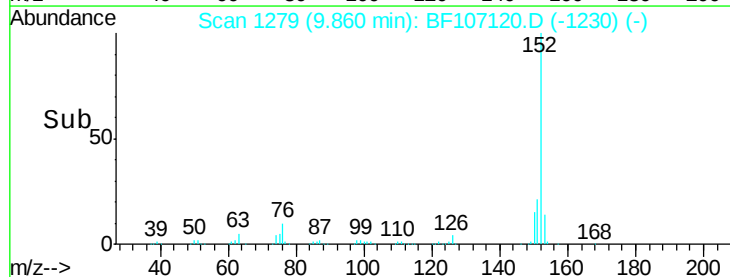
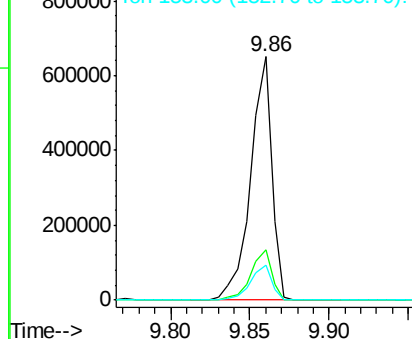
152 100

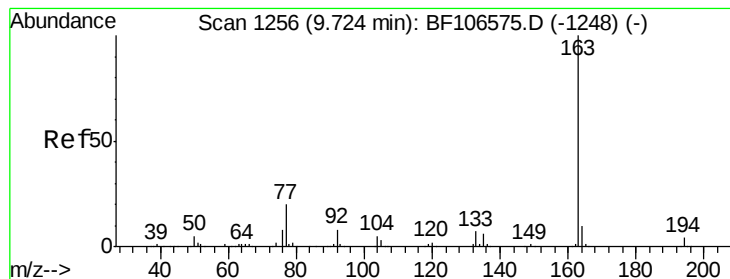
151 20.8 16.3 24.5

153 14.2 10.7 16.1



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





#49

Dimethylphthalate

Concen: 35.082 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

Instrument :

BNA_F

ClientSampleId :

PB110604BSD

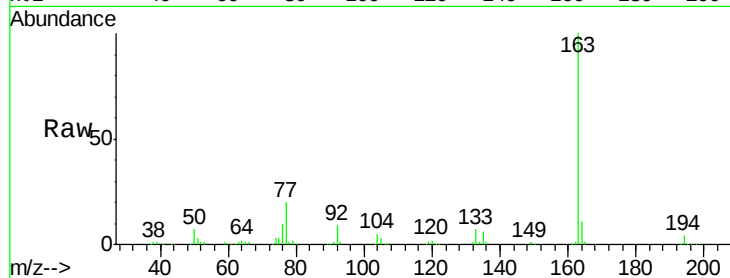
Tgt Ion:163 Resp: 468967

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

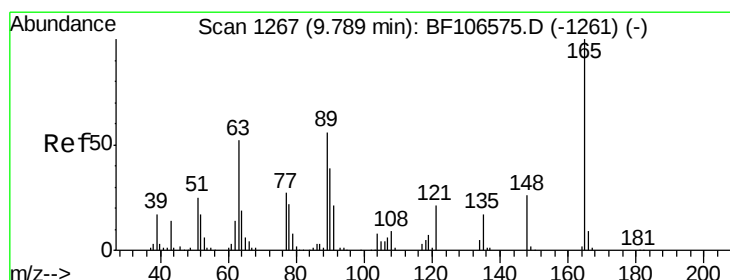
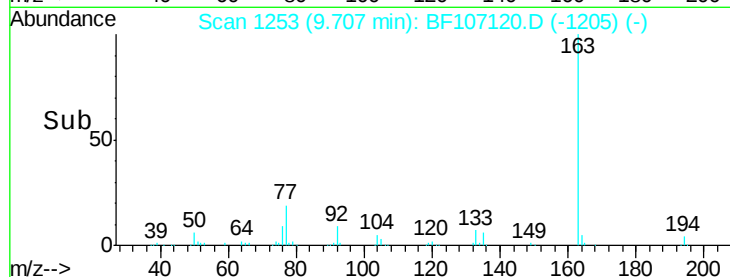
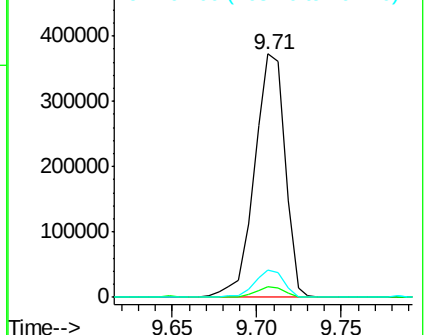
164 11.3 8.2 12.2



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: 38.782 ng

RT: 9.78 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

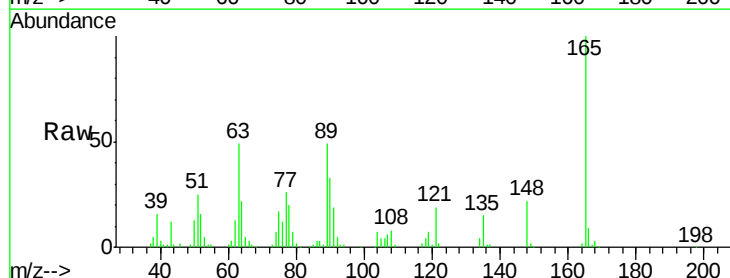
Tgt Ion:165 Resp: 109777

Ion Ratio Lower Upper

165 100

63 49.1 44.7 67.1

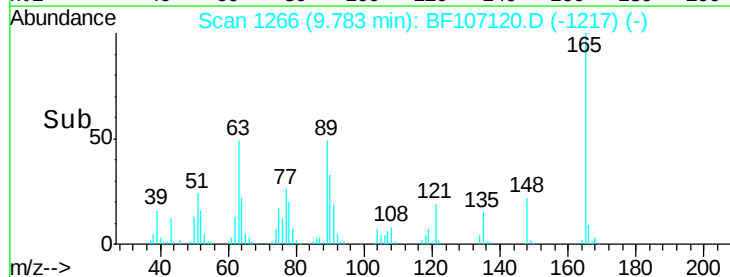
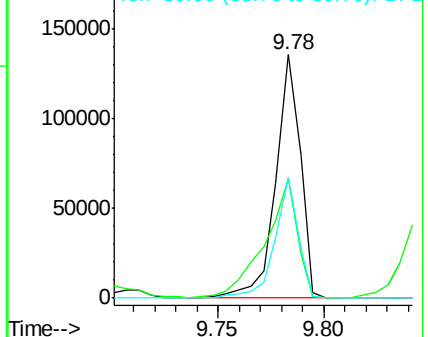
89 49.3 44.0 66.0

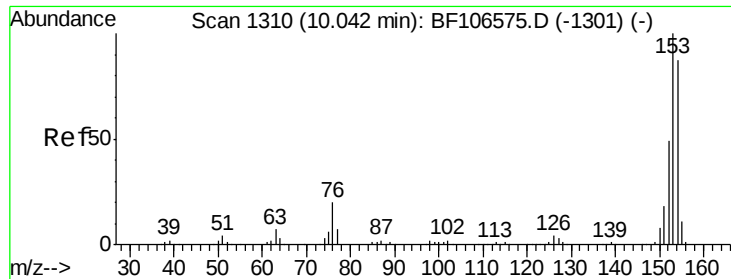


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 33.276 ng

RT: 10.03 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

Instrument :

BNA_F

ClientSampleId :

PB110604BSD

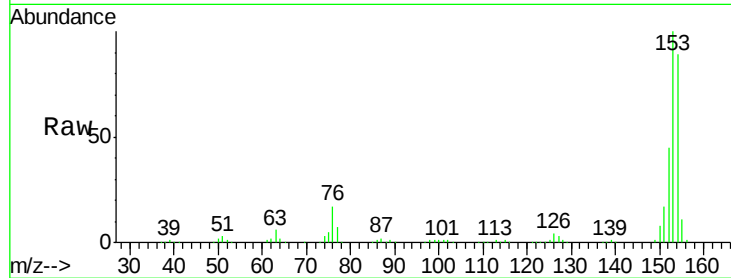
Tgt Ion:154 Resp: 369883

Ion Ratio Lower Upper

154 100

153 113.0 91.2 136.8

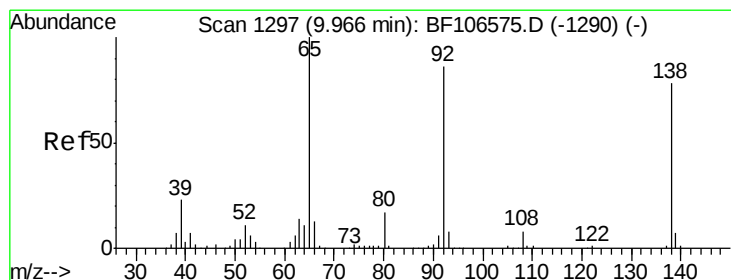
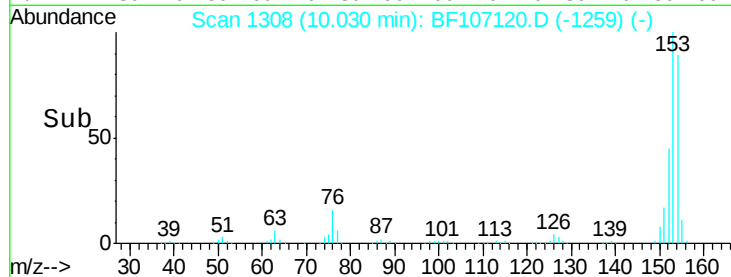
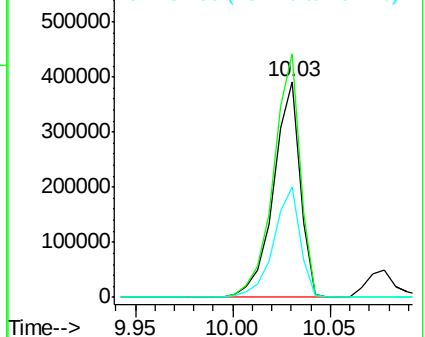
152 51.1 43.8 65.8



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: 21.106 ng

RT: 9.95 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

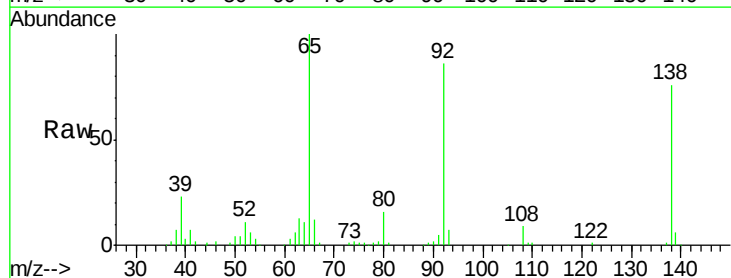
Tgt Ion:138 Resp: 68748

Ion Ratio Lower Upper

138 100

108 11.3 9.4 14.0

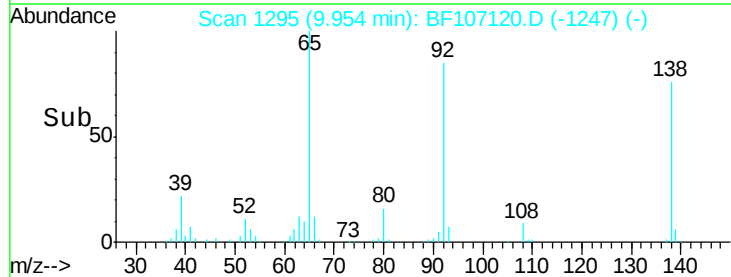
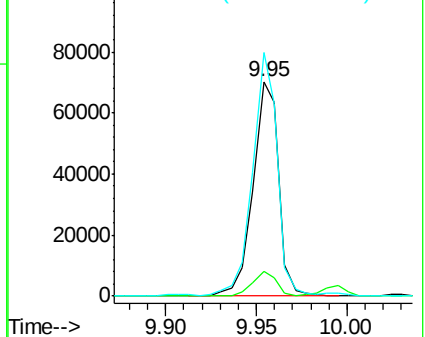
92 113.5 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

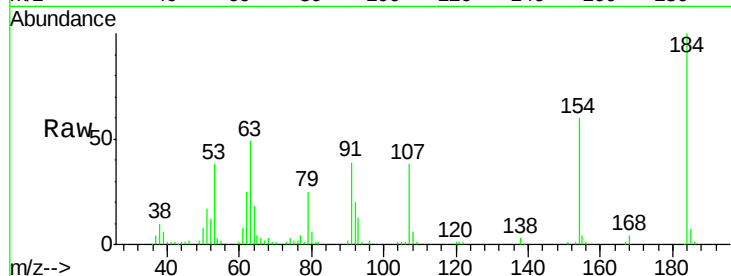




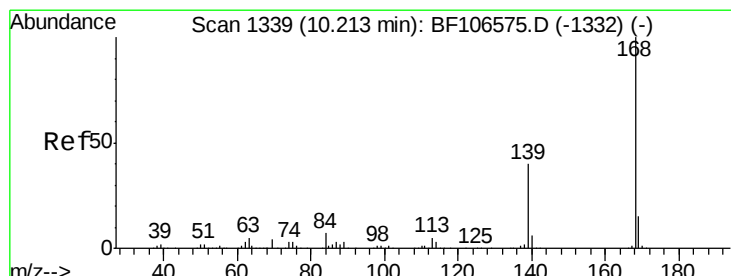
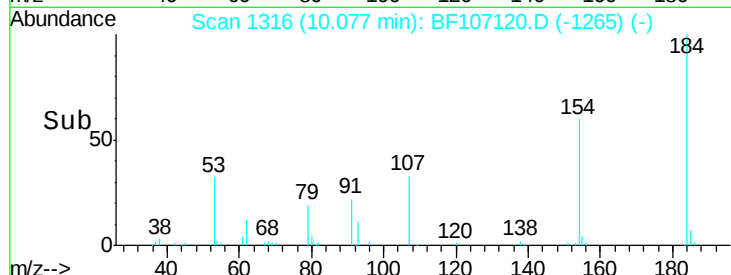
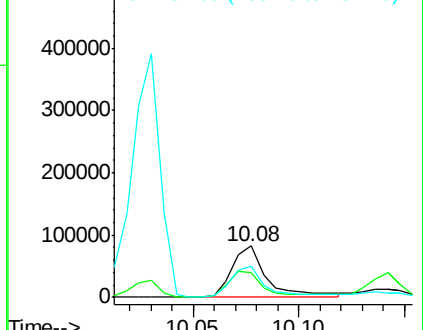
#53
2,4-Dinitrophenol
Concen: 65.799 ng
RT: 10.08 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Instrument :
BNA_F
ClientSampleId :
PB110604BSD

Tgt Ion:184 Resp: 95339
Ion Ratio Lower Upper
184 100
63 48.6 54.2 81.2#
154 59.7 184.0 276.0#

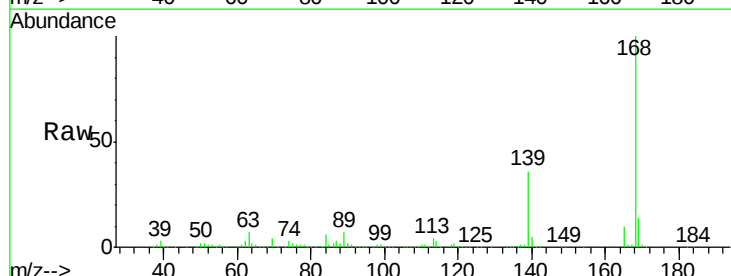


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

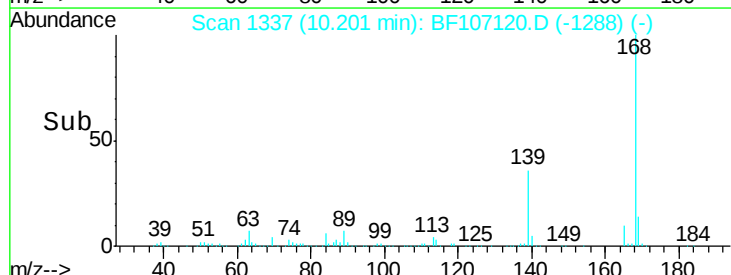
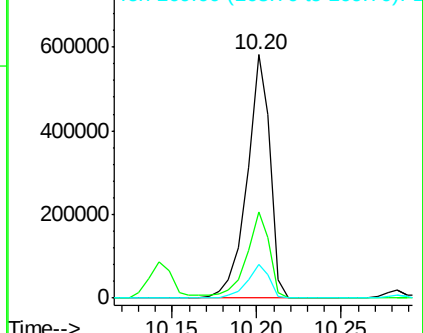


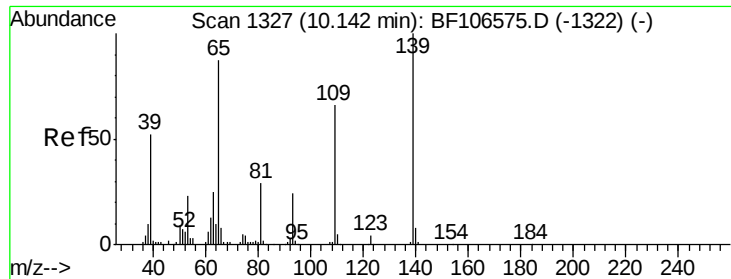
#54
Dibenzofuran
Concen: 36.213 ng
RT: 10.20 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Tgt Ion:168 Resp: 551189
Ion Ratio Lower Upper
168 100
139 35.5 30.1 45.1
169 13.7 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: 37.227 ng

RT: 10.14 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

Instrument :

BNA_F

ClientSampleId :

PB110604BSD

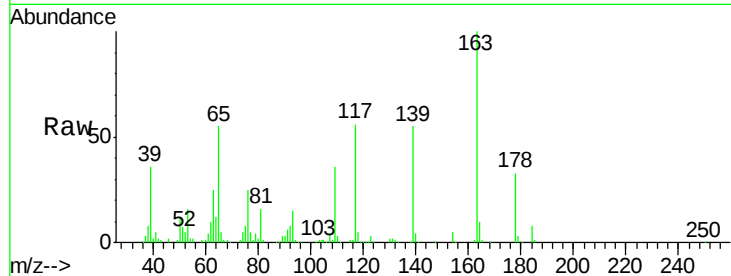
Tgt Ion:139 Resp: 84641

Ion Ratio Lower Upper

139 100

109 65.7 48.4 88.4

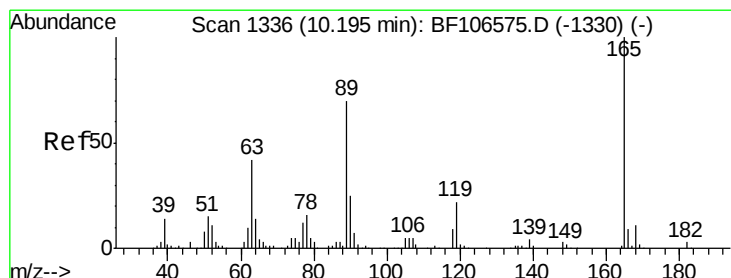
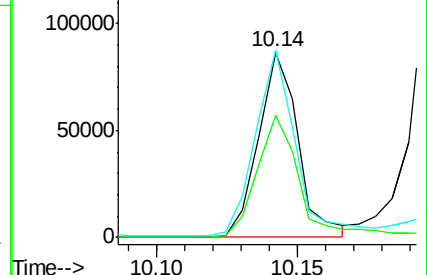
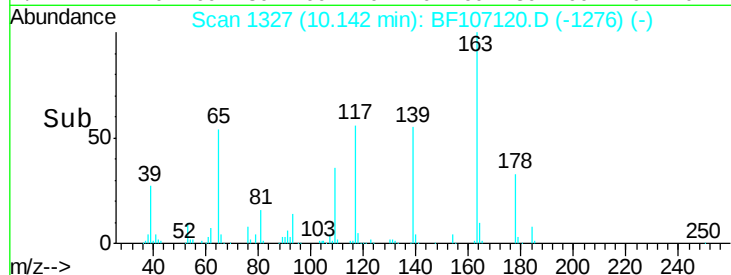
65 100.9 72.6 112.6



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: 37.985 ng

RT: 10.20 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

Tgt Ion:165 Resp: 140346

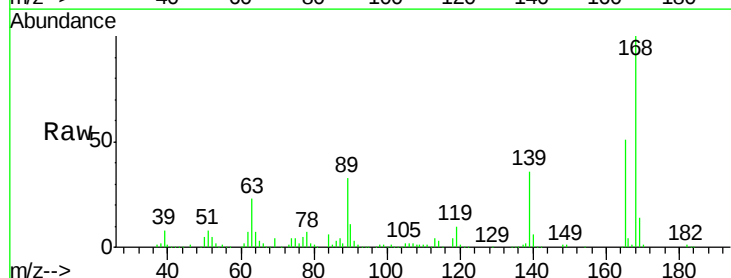
Ion Ratio Lower Upper

165 100

63 44.7 36.4 54.6

89 64.5 57.8 86.6

182 2.4 1.6 2.4

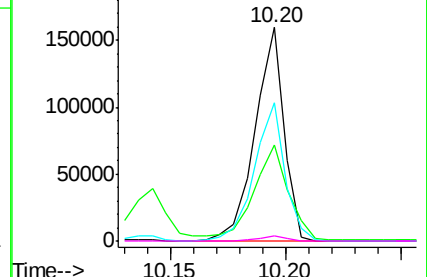
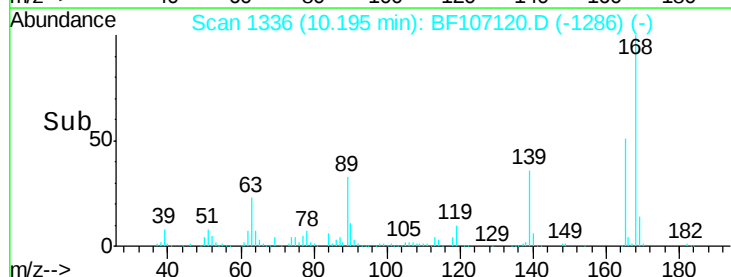


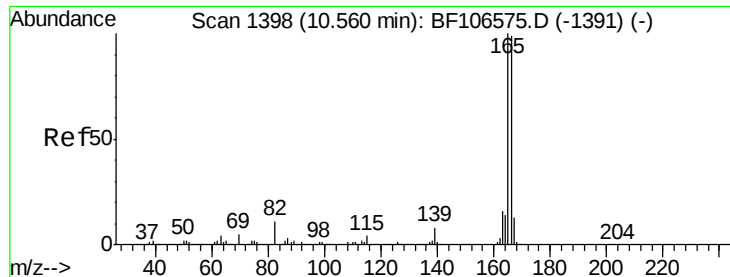
Abundance Ion 165.00 (164.70 to 165.70): E

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: 37.405 ng

RT: 10.55 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

Instrument :

BNA_F

ClientSampleId :

PB110604BSD

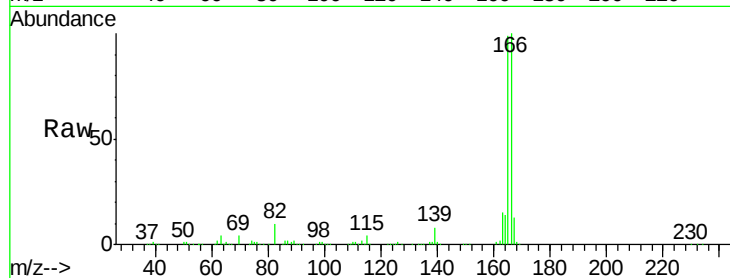
Tgt Ion:166 Resp: 451790

Ion Ratio Lower Upper

166 100

165 98.8 79.8 119.8

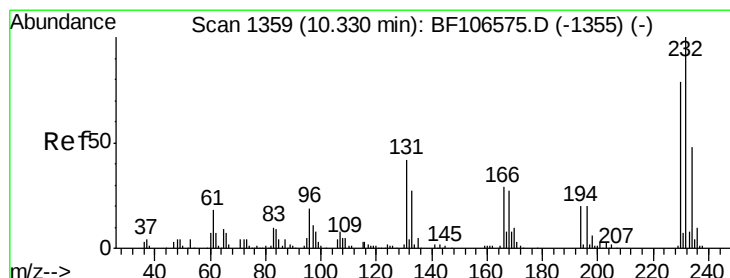
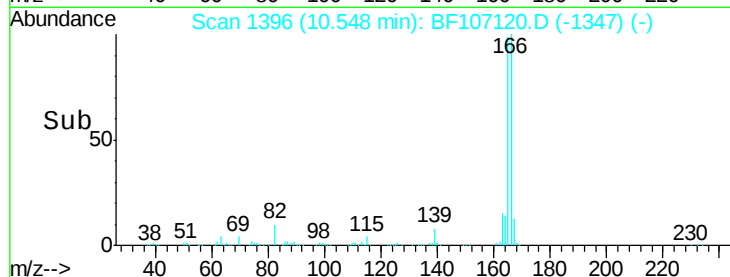
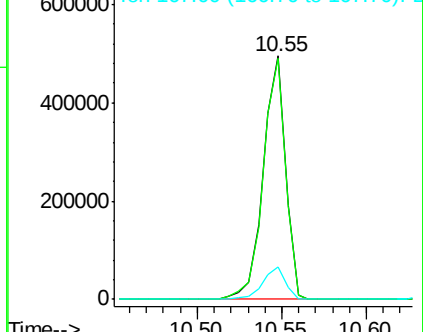
167 13.3 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.941 ng

RT: 10.32 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

Tgt Ion:232 Resp: 118944

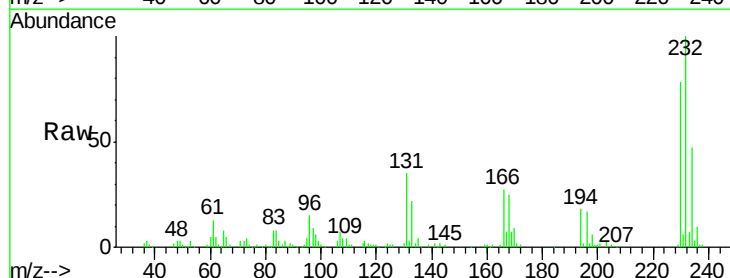
Ion Ratio Lower Upper

232 100

131 33.5 43.8 65.8#

130 1.5 2.1 3.1#

166 25.2 27.8 41.6#

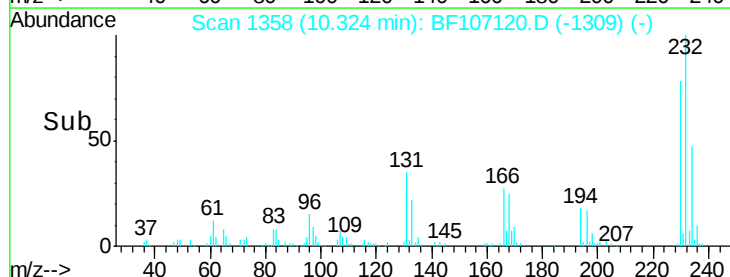
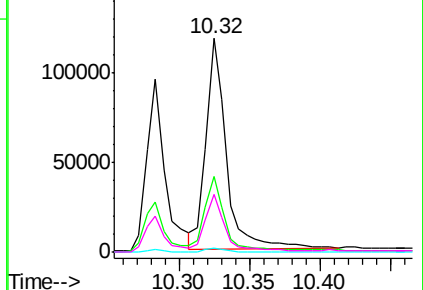


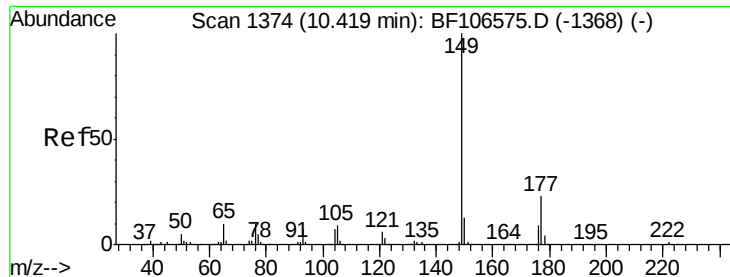
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

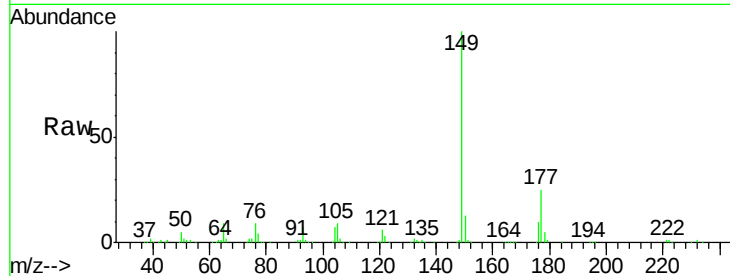




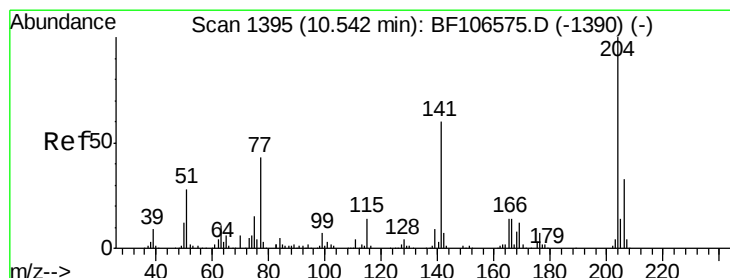
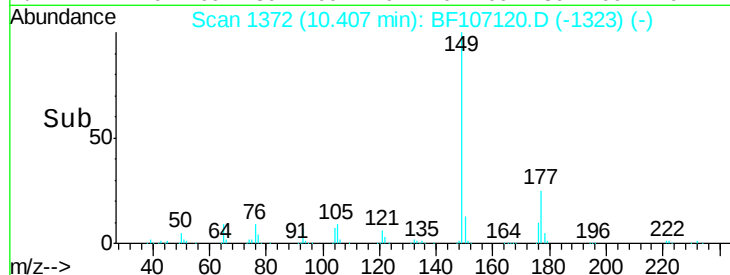
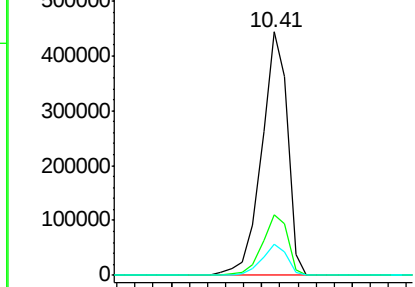
#59
Diethylphthalate
Concen: 34.044 ng
RT: 10.41 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Instrument :
BNA_F
ClientSampleId :
PB110604BSD

Tgt Ion:149 Resp: 439238
Ion Ratio Lower Upper
149 100
177 24.8 16.1 24.1#
150 12.9 10.1 15.1

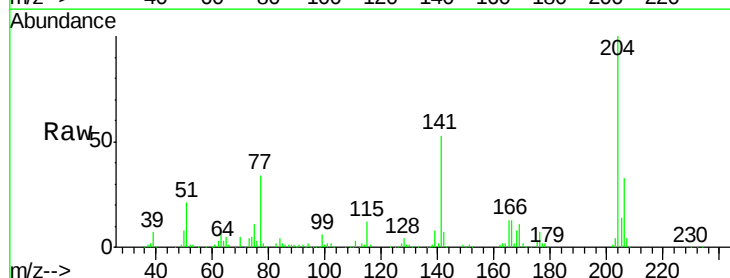


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

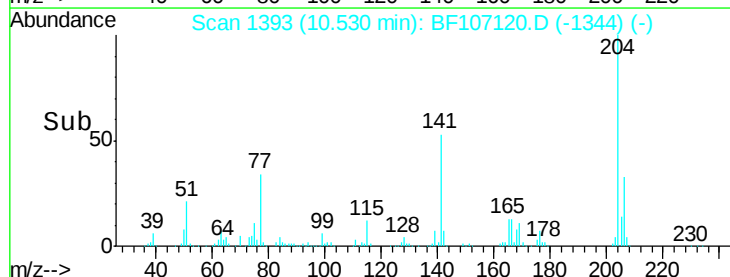
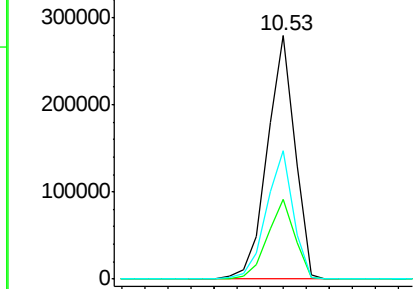


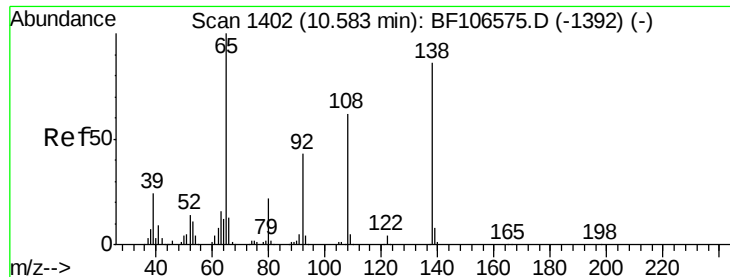
#60
4-Chlorophenyl-phenylether
Concen: 36.719 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Tgt Ion:204 Resp: 232050
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 52.5 54.6 81.8#



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

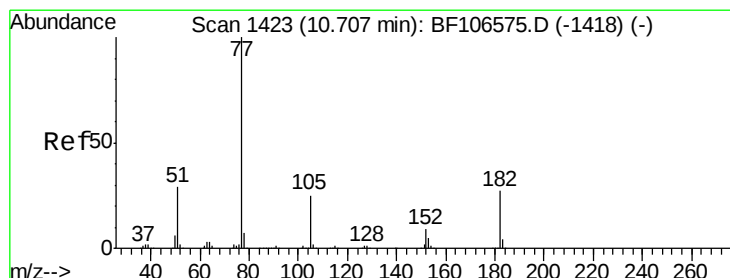
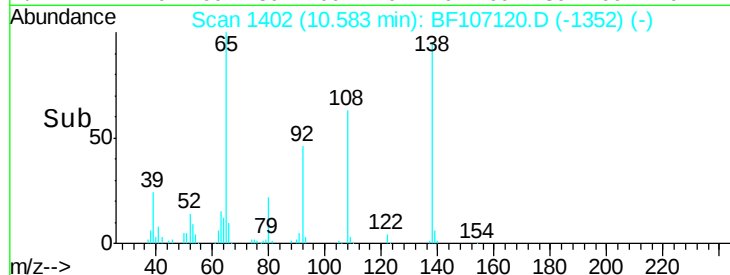
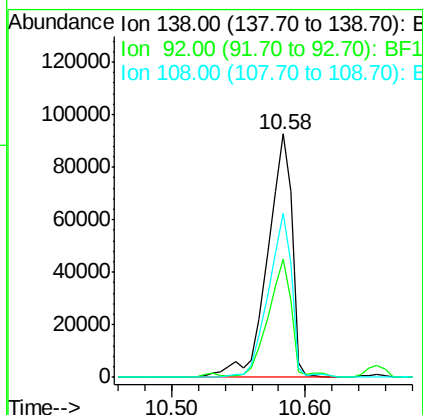
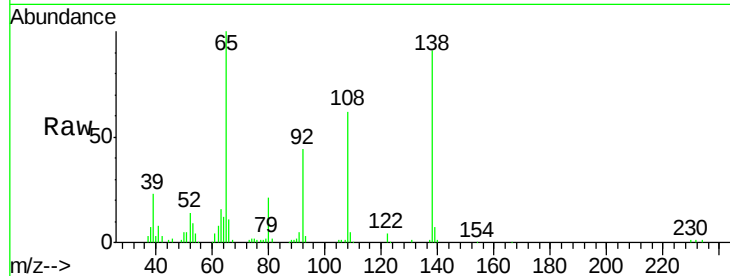




#61
4-Nitroaniline
Concen: 36.726 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

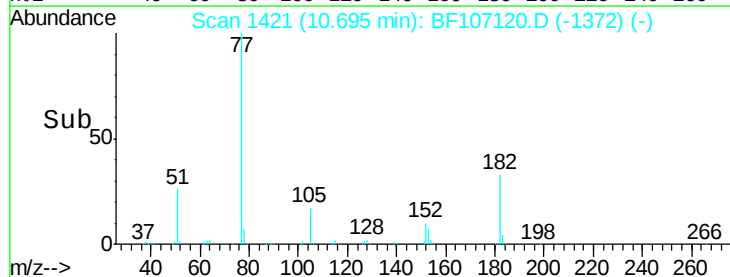
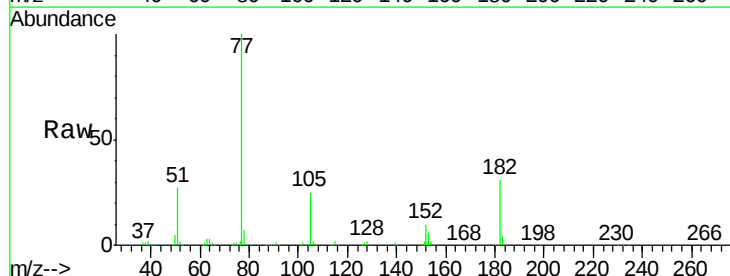
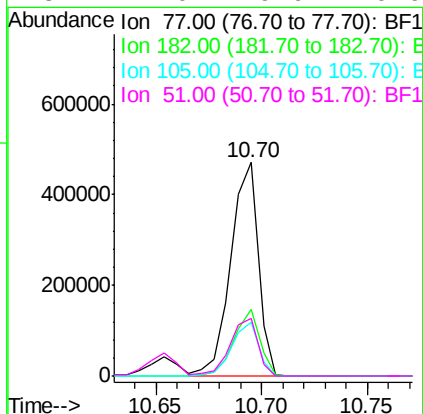
Instrument :
BNA_F
ClientSampleId :
PB110604BSD

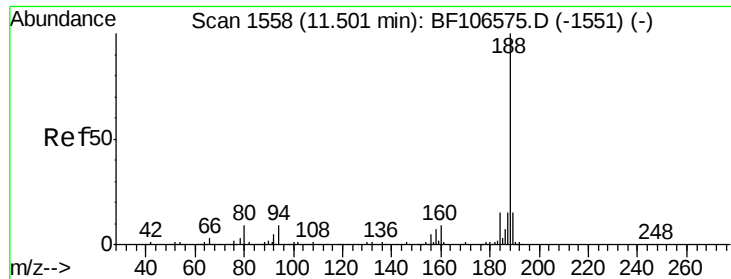
Tgt Ion:138 Resp: 118722
Ion Ratio Lower Upper
138 100
92 48.5 30.2 70.2
108 67.4 52.5 92.5



#62
Azobenzene
Concen: 33.364 ng
RT: 10.70 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Tgt Ion: 77 Resp: 423891
Ion Ratio Lower Upper
77 100
182 31.4 1.7 41.7
105 25.2 3.0 43.0
51 27.0 9.9 49.9

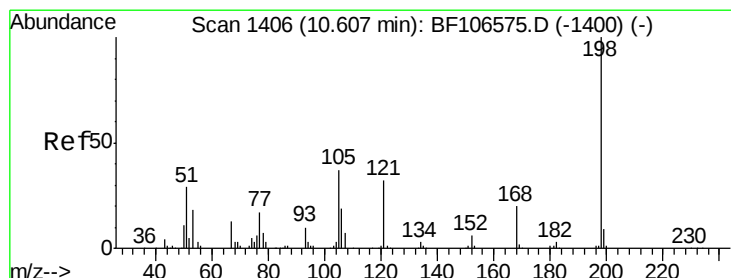
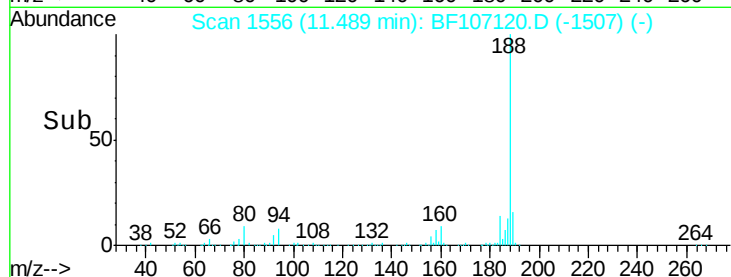
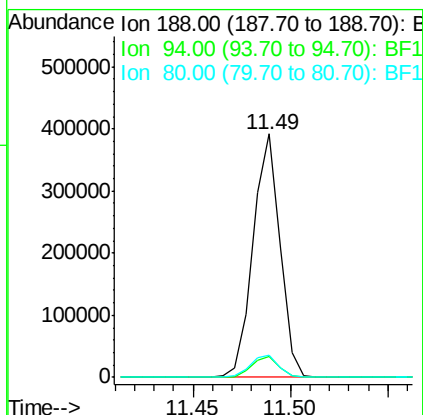
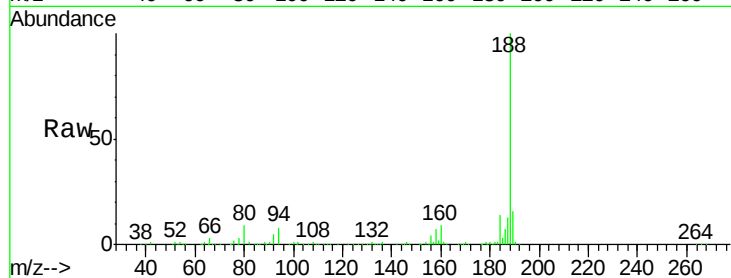




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

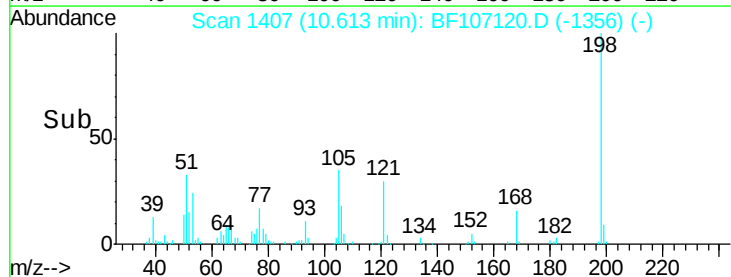
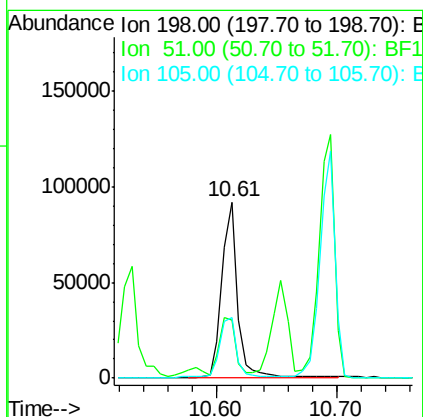
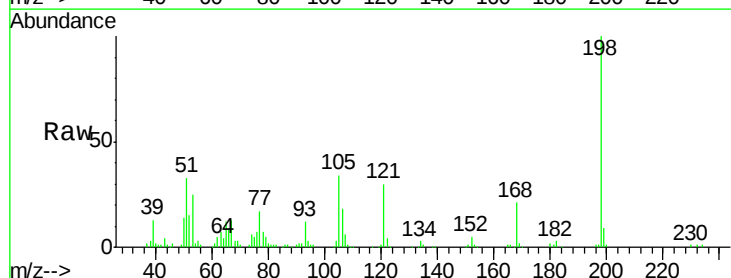
Instrument :
BNA_F
ClientSampleId :
PB110604BSD

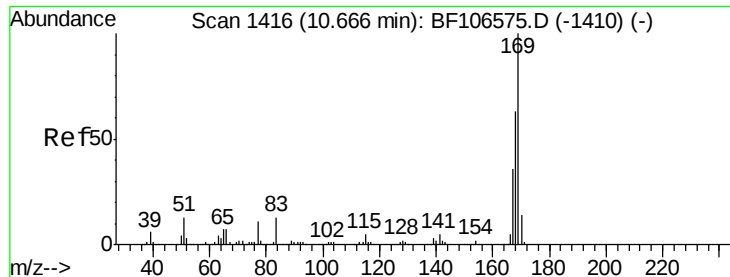
Tgt Ion:188 Resp: 374919
Ion Ratio Lower Upper
188 100
94 8.3 8.5 12.7#
80 9.1 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 36.220 ng
RT: 10.61 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Tgt Ion:198 Resp: 83941
Ion Ratio Lower Upper
198 100
51 32.7 37.7 77.7#
105 34.3 36.3 76.3#





#65

n-Nitrosodiphenylamine

Concen: 31.714 ng

RT: 10.65 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

Instrument :

BNA_F

ClientSampleId :

PB110604BSD

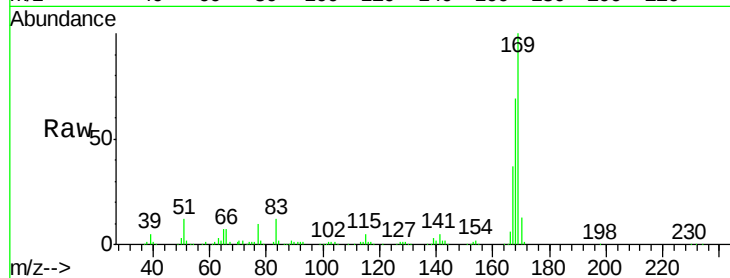
Tgt Ion:169 Resp: 399932

Ion Ratio Lower Upper

169 100

168 69.3 54.4 81.6

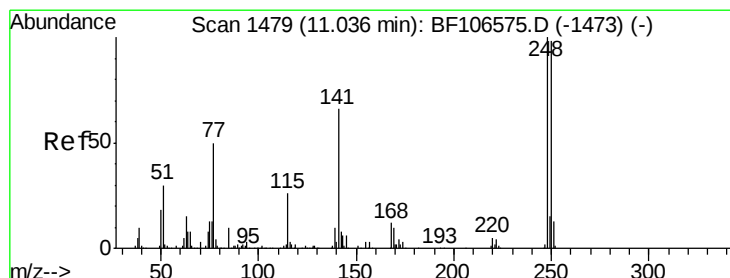
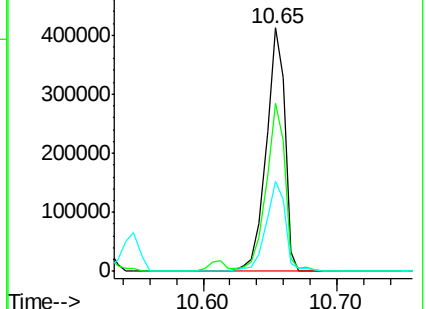
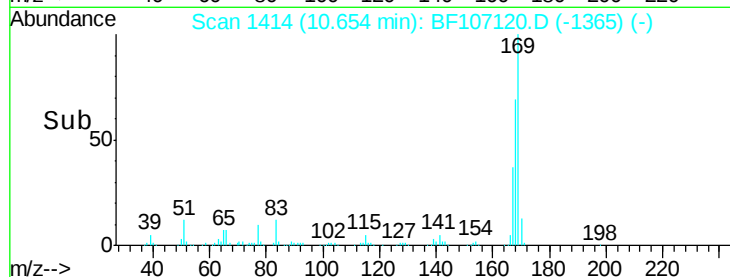
167 36.9 29.8 44.6



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: 37.637 ng

RT: 11.02 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

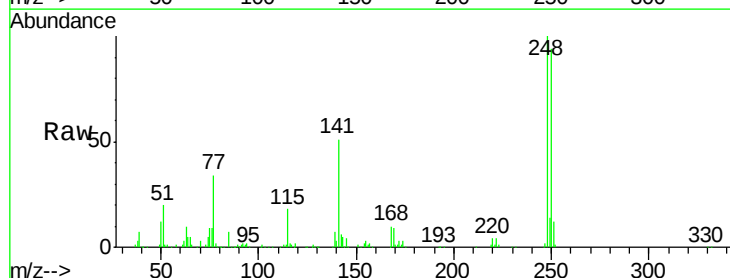
Tgt Ion:248 Resp: 168406

Ion Ratio Lower Upper

248 100

250 94.3 76.9 115.3

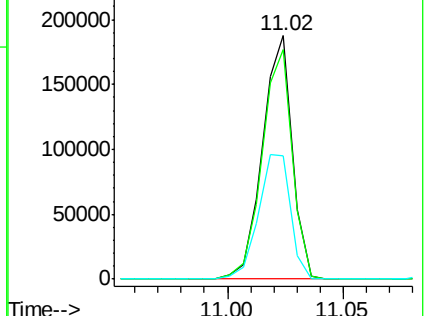
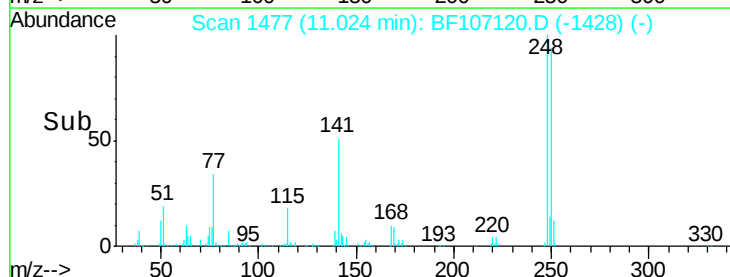
141 50.6 74.4 111.6#

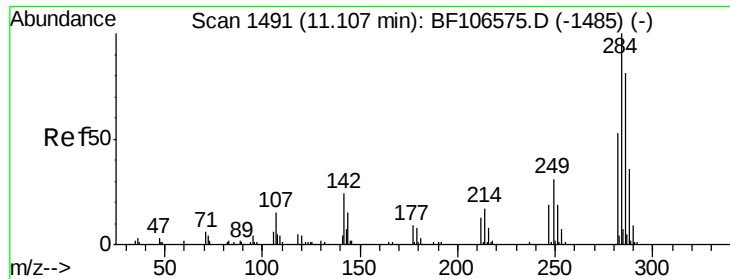


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.165 ng

RT: 11.09 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

Instrument :

BNA_F

ClientSampleId :

PB110604BSD

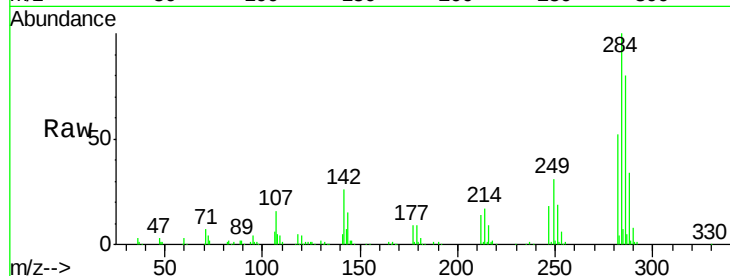
Tgt Ion:284 Resp: 178731

Ion Ratio Lower Upper

284 100

142 26.2 34.6 52.0#

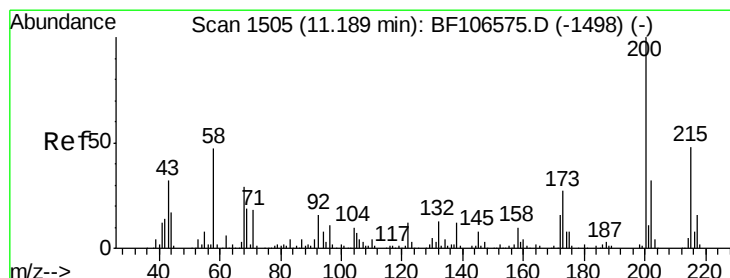
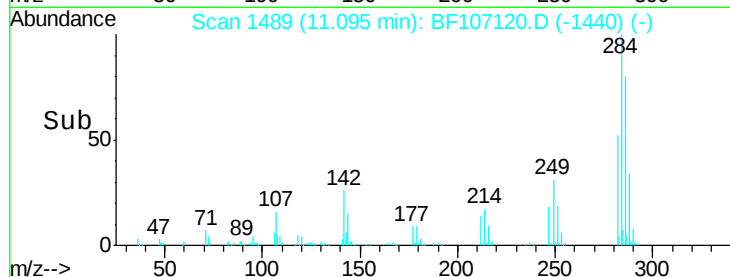
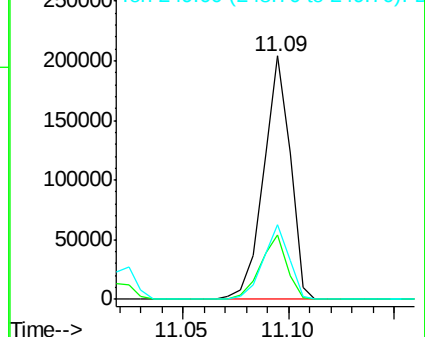
249 30.5 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 37.747 ng

RT: 11.18 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

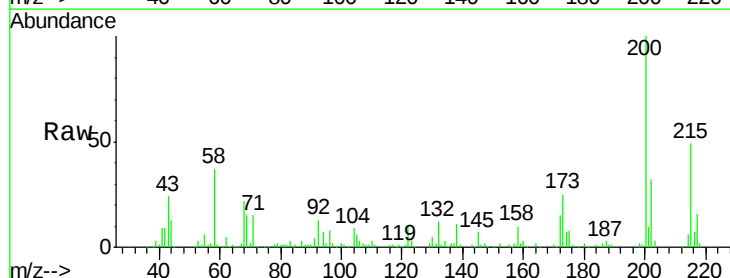
Tgt Ion:200 Resp: 151326

Ion Ratio Lower Upper

200 100

173 25.0 8.6 48.6

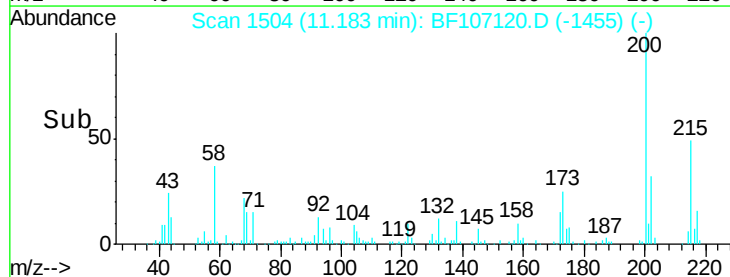
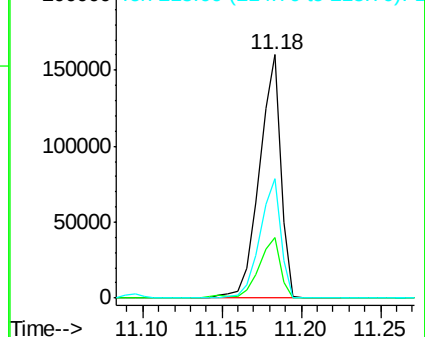
215 49.1 25.1 65.1

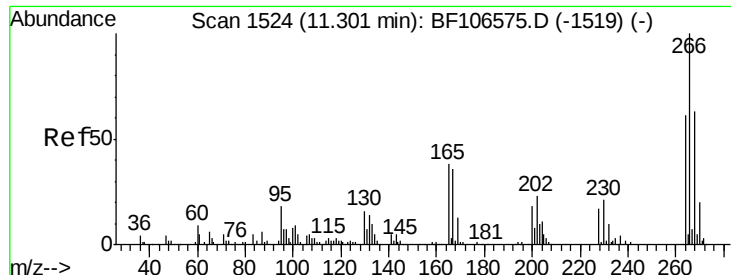


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

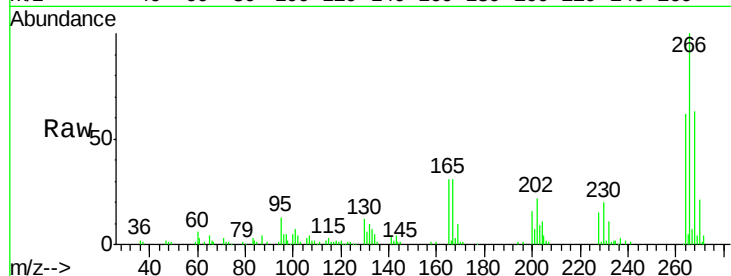




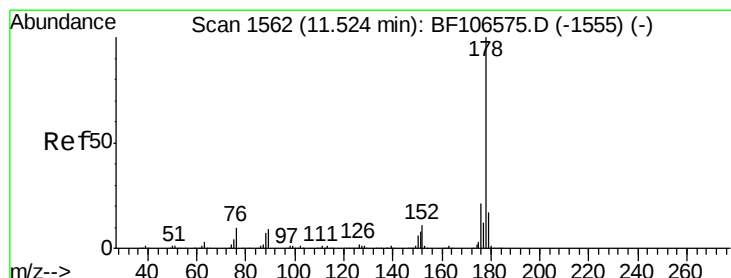
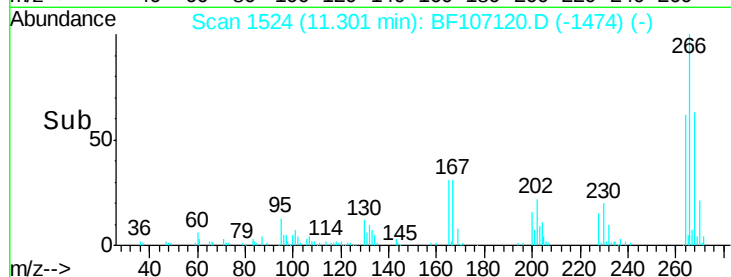
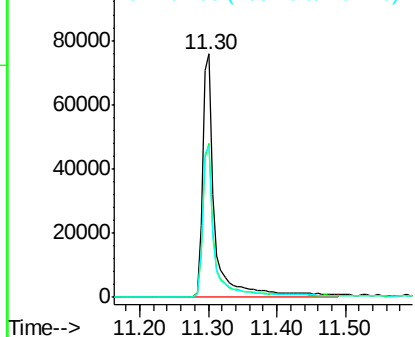
#69
 Pentachlorophenol
 Concen: 42.527 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF107120.D
 Acq: 5 Jul 2018 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB110604BSD

Tgt Ion:266 Resp: 99372
 Ion Ratio Lower Upper
 266 100
 268 63.0 51.1 76.7
 264 62.4 49.5 74.3

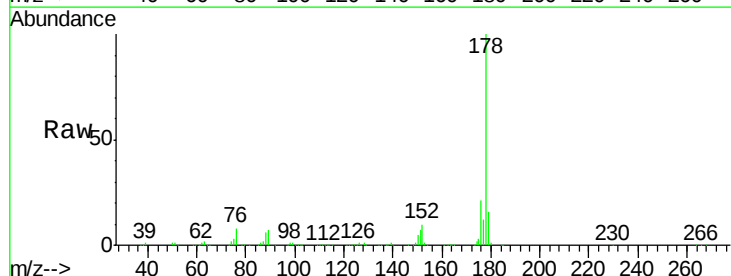


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

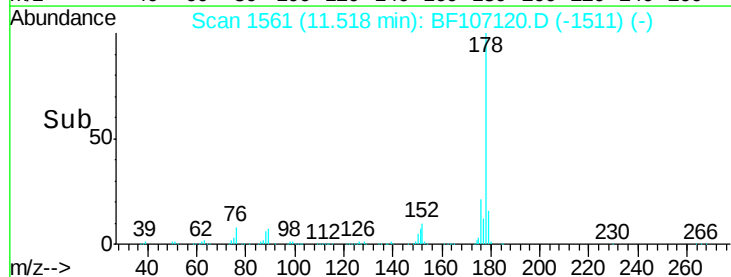
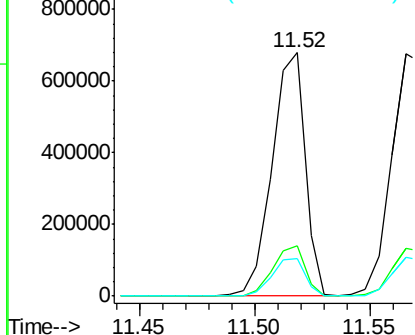


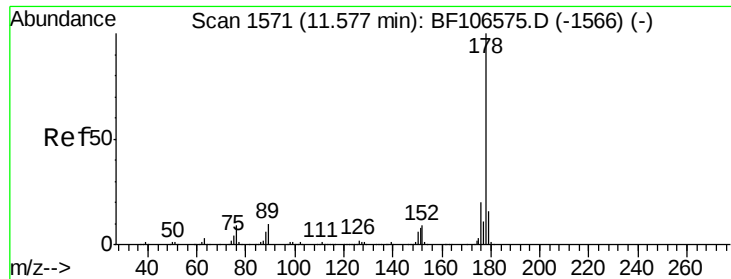
#70
 Phenanthrene
 Concen: 37.394 ng
 RT: 11.52 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF107120.D
 Acq: 5 Jul 2018 12:13

Tgt Ion:178 Resp: 676201
 Ion Ratio Lower Upper
 178 100
 176 20.8 15.8 23.8
 179 15.6 13.0 19.6



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

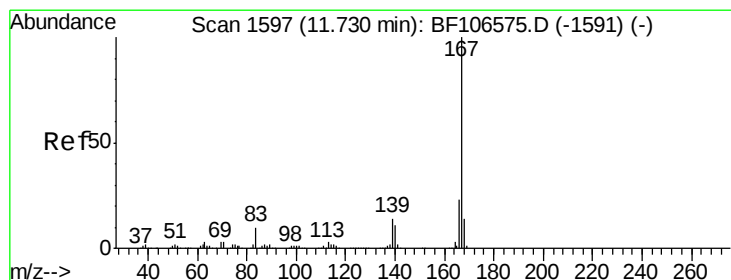
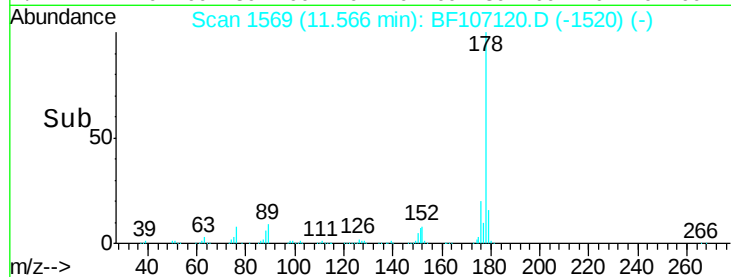
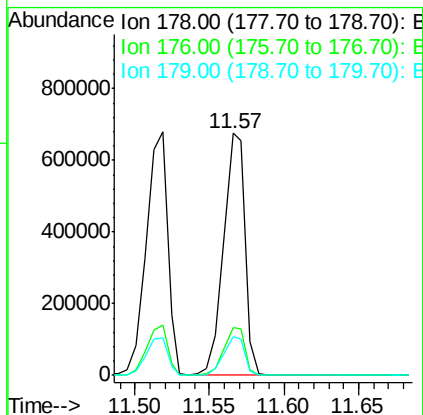
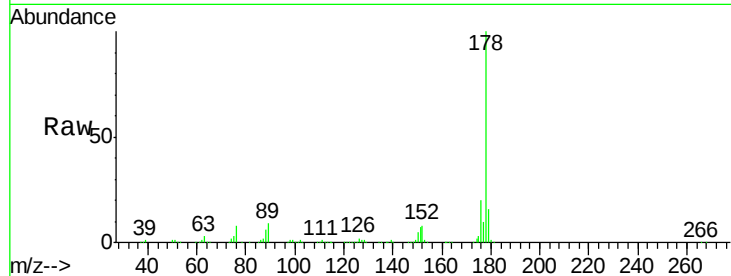




#71
 Anthracene
 Concen: 37.659 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF107120.D
 Acq: 5 Jul 2018 12:13

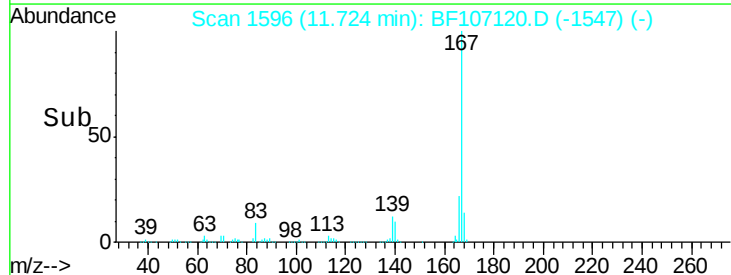
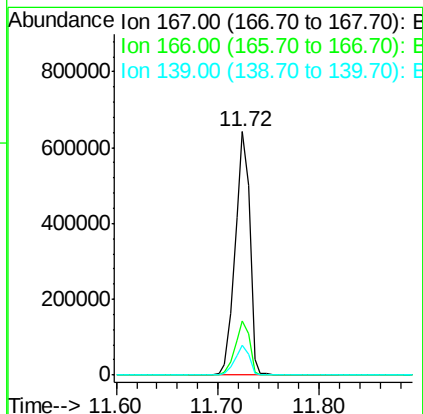
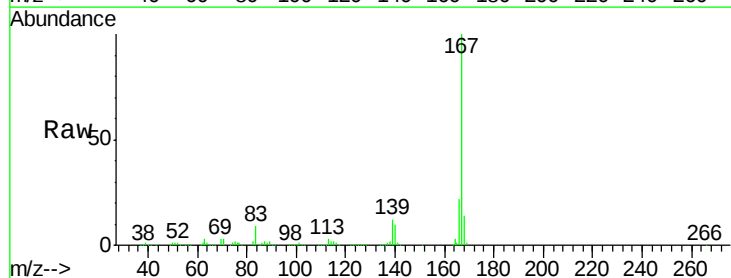
Instrument :
 BNA_F
 ClientSampleId :
 PB110604BSD

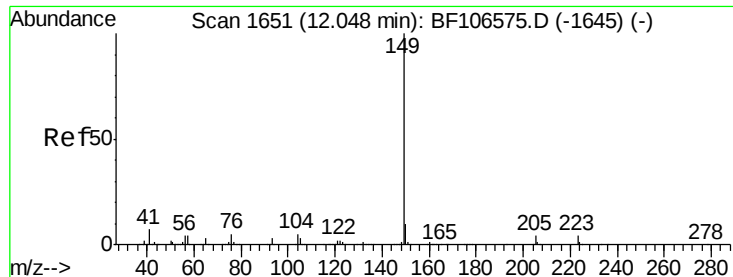
Tgt Ion:178 Resp: 695090
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.2
 179 16.2 12.6 19.0



#72
 Carbazole
 Concen: 37.099 ng
 RT: 11.72 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF107120.D
 Acq: 5 Jul 2018 12:13

Tgt Ion:167 Resp: 641094
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 12.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 34.054 ng

RT: 12.03 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

Instrument :

BNA_F

ClientSampleId :

PB110604BSD

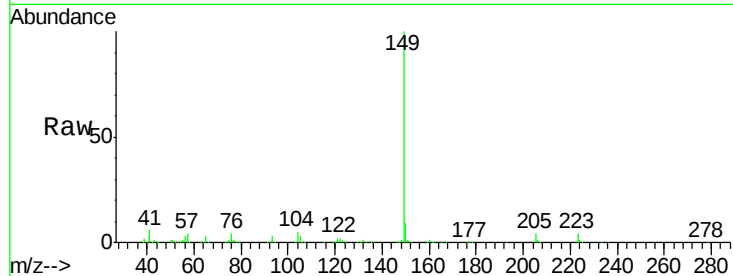
Tgt Ion:149 Resp: 693290

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

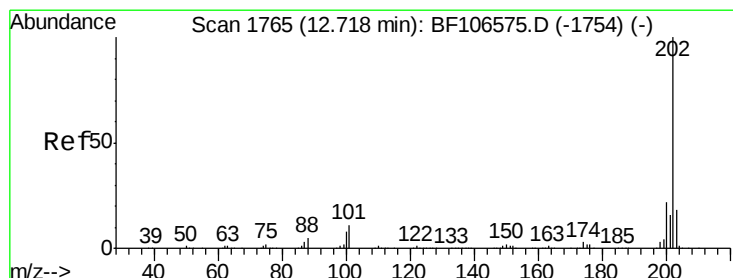
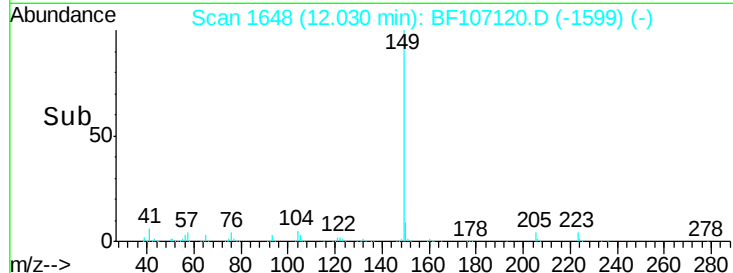
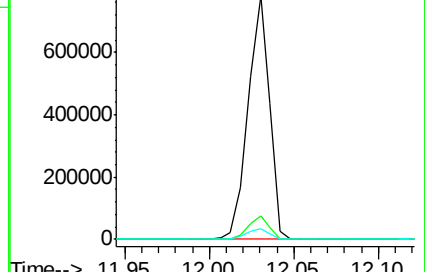
104 4.6 3.8 5.8



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: 39.082 ng

RT: 12.71 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

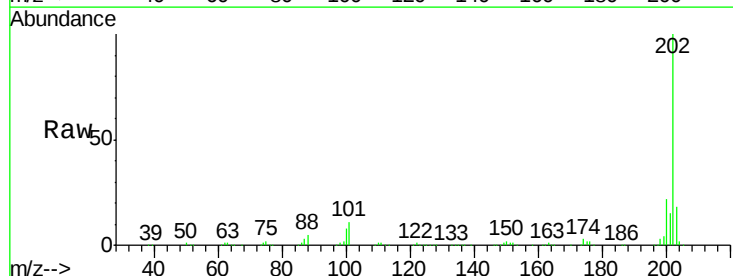
Tgt Ion:202 Resp: 778956

Ion Ratio Lower Upper

202 100

101 11.1 0.0 34.1

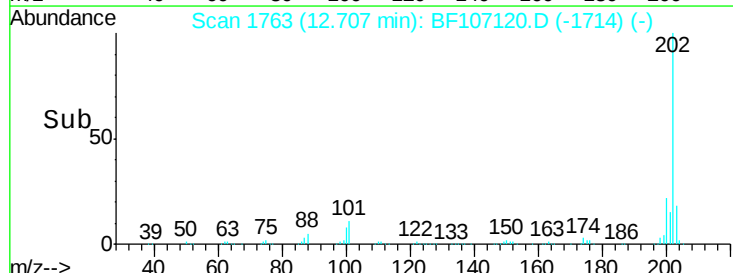
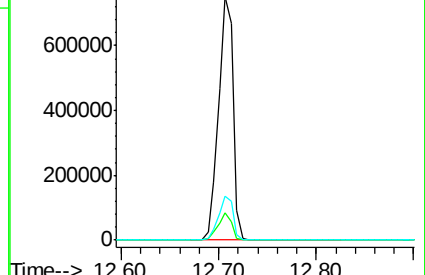
203 18.2 0.0 38.1

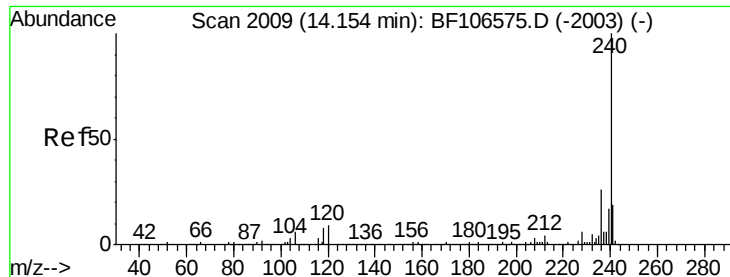


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF107120.D

Acq: 5 Jul 2018 12:13

Instrument :

BNA_F

ClientSampleId :

PB110604BSD

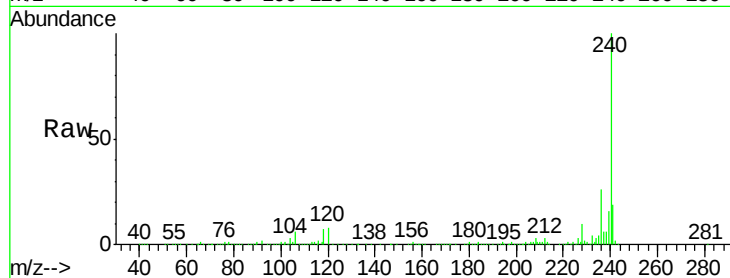
Tgt Ion:240 Resp: 332430

Ion Ratio Lower Upper

240 100

120 8.2 9.5 14.3#

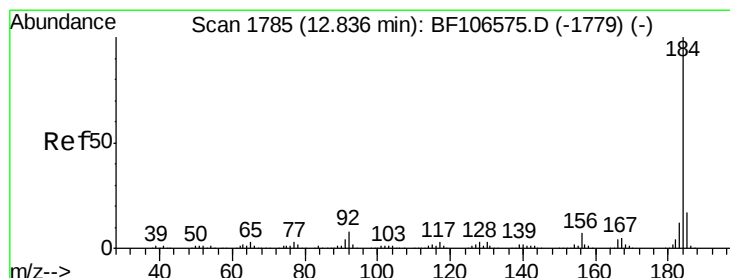
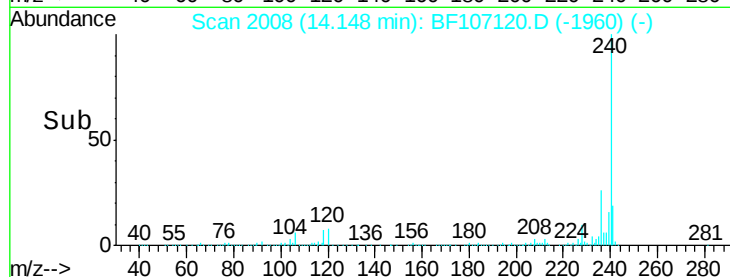
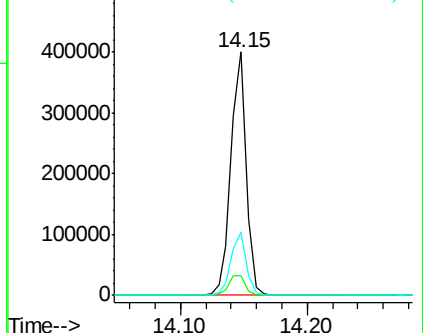
236 26.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 29.673 ng

RT: 12.82 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

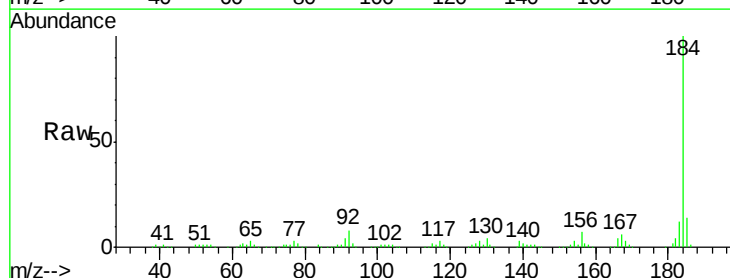
Tgt Ion:184 Resp: 280930

Ion Ratio Lower Upper

184 100

185 14.0 12.6 18.8

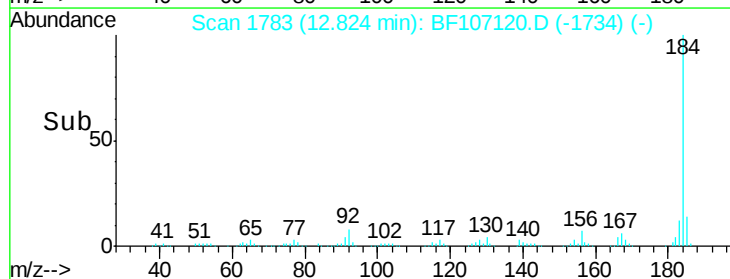
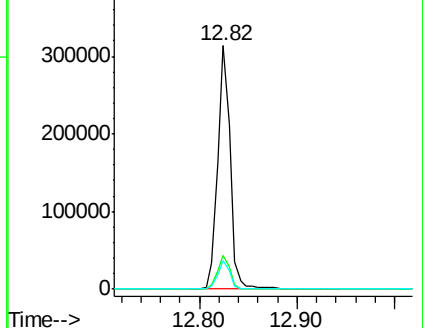
183 12.0 9.3 13.9

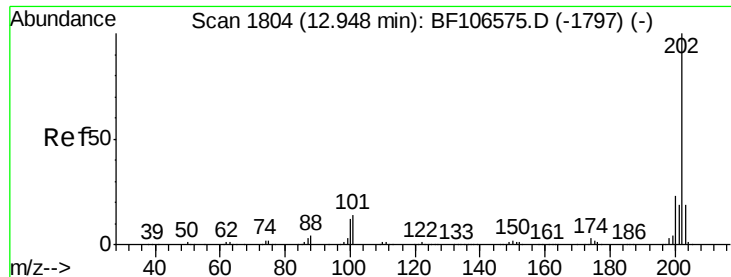


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

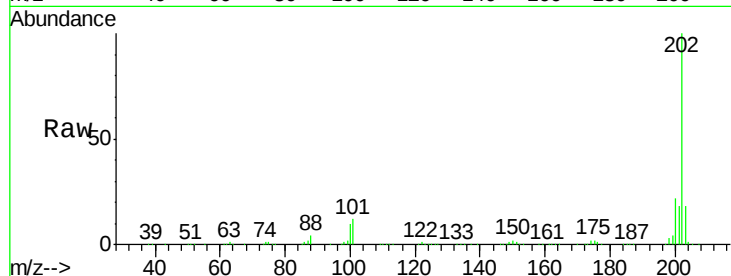




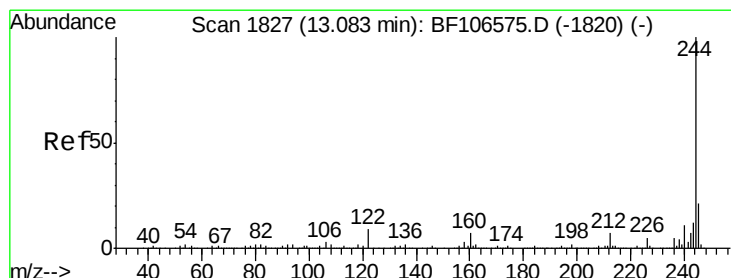
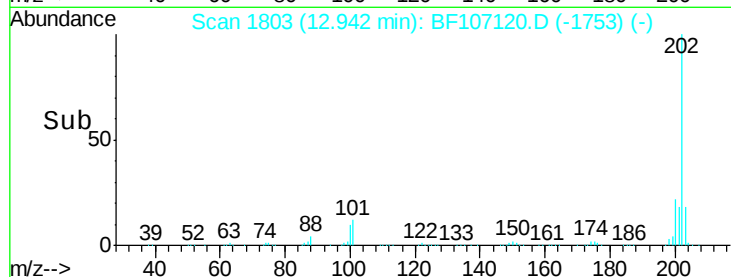
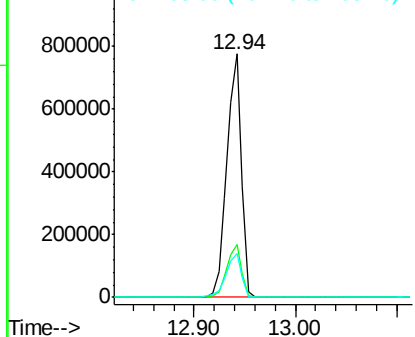
#77
 Pyrene
 Concen: 35.496 ng
 RT: 12.94 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BF107120.D
 Acq: 5 Jul 2018 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB110604BSD

Tgt Ion: 202 Resp: 778120
 Ion Ratio Lower Upper
 202 100
 200 21.9 17.4 26.2
 203 18.0 14.3 21.5

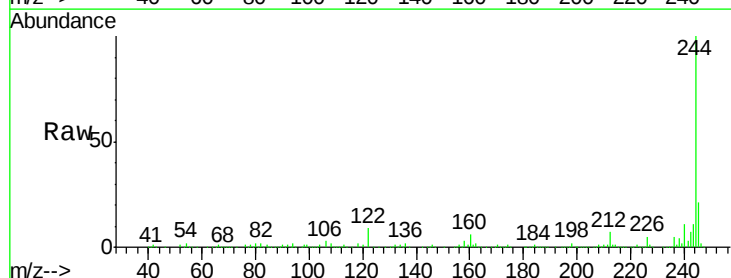


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

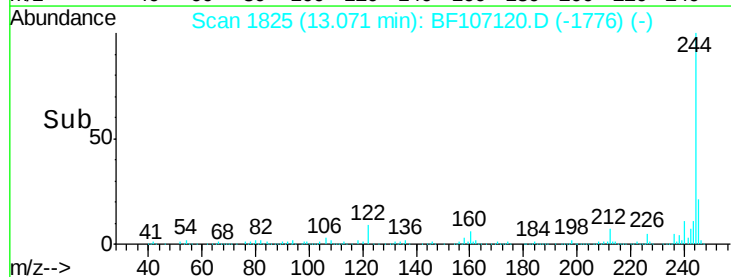
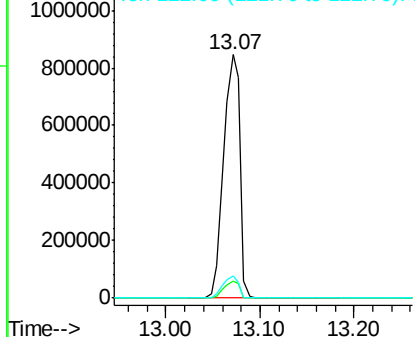


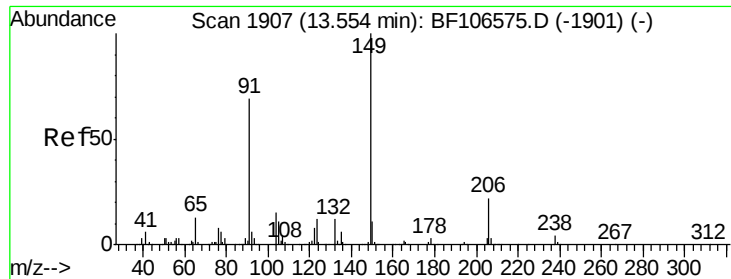
#78
 Terphenyl-d14
 Concen: 74.564 ng
 RT: 13.07 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF107120.D
 Acq: 5 Jul 2018 12:13

Tgt Ion: 244 Resp: 1023294
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 9.0 11.0 16.4#



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

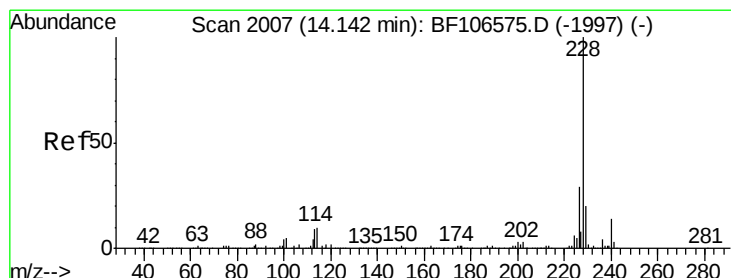
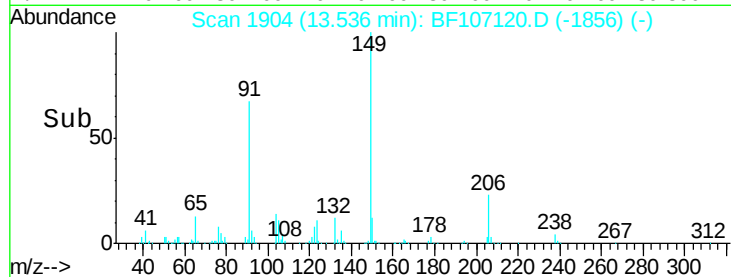
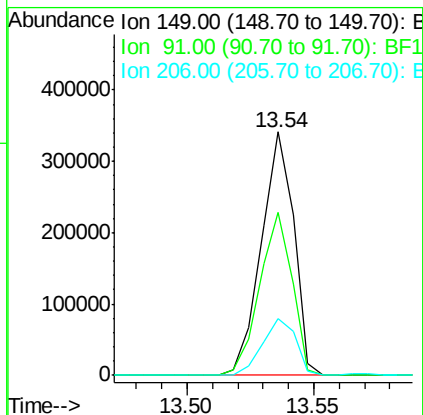
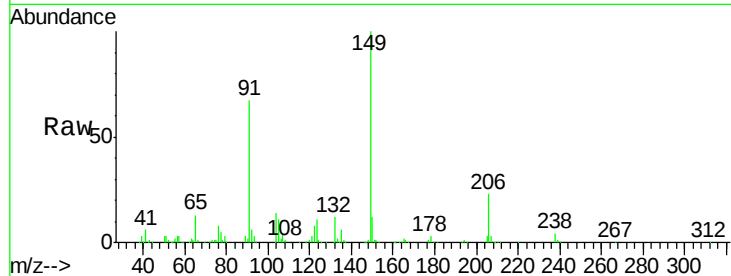




#79
Butylbenzylphthalate
Concen: 34.095 ng
RT: 13.54 min Scan# 1904
Delta R.T. -0.02 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

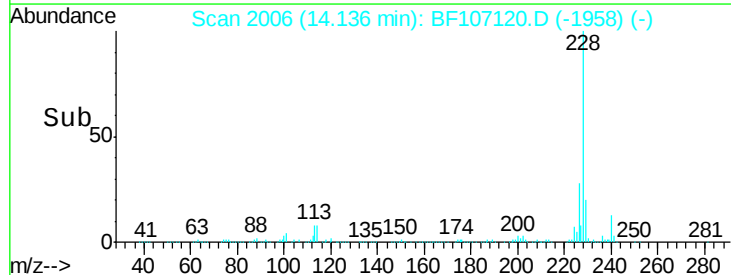
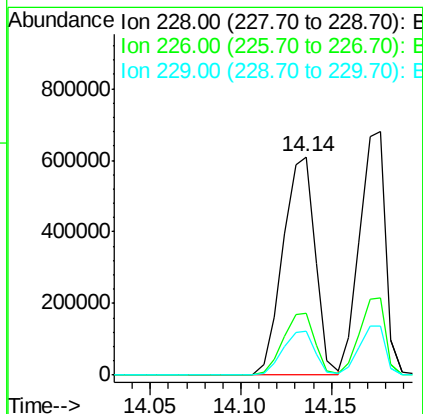
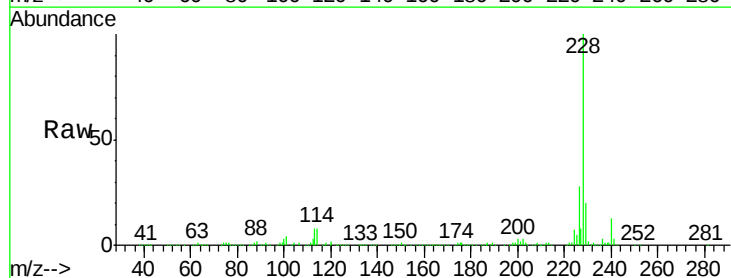
Instrument :
BNA_F
ClientSampleId :
PB110604BSD

Tgt Ion:149 Resp: 307298
Ion Ratio Lower Upper
149 100
91 67.2 56.8 85.2
206 23.1 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 37.431 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Tgt Ion:228 Resp: 758369
Ion Ratio Lower Upper
228 100
226 28.4 22.6 33.8
229 19.9 15.8 23.6

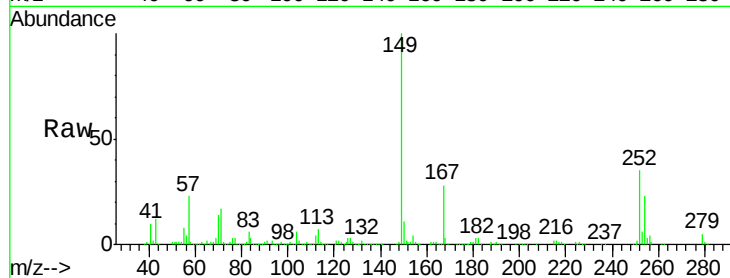




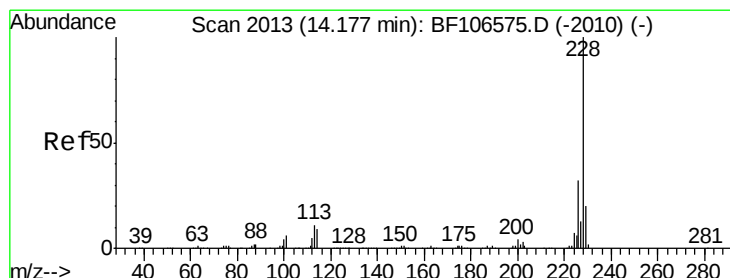
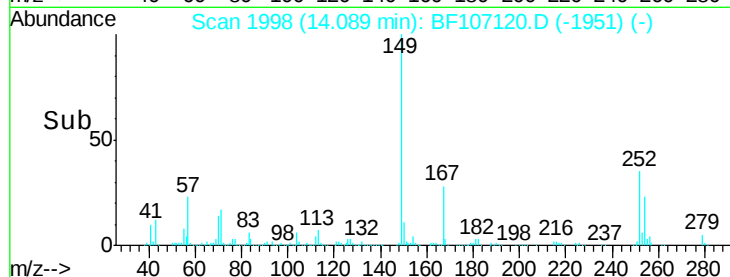
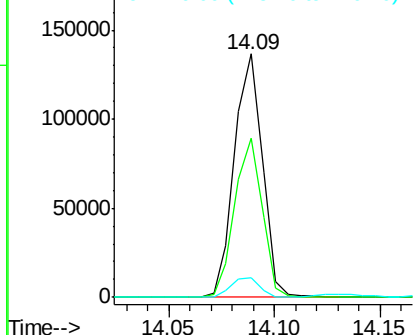
#81
 3,3'-Dichlorobenzidine
 Concen: 17.577 ng
 RT: 14.09 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BF107120.D
 Acq: 5 Jul 2018 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB110604BSD

Tgt Ion:252 Resp: 125165
 Ion Ratio Lower Upper
 252 100
 254 65.5 50.4 75.6
 126 8.1 11.3 16.9#

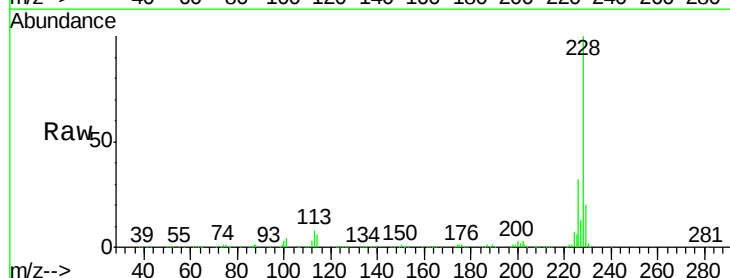


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

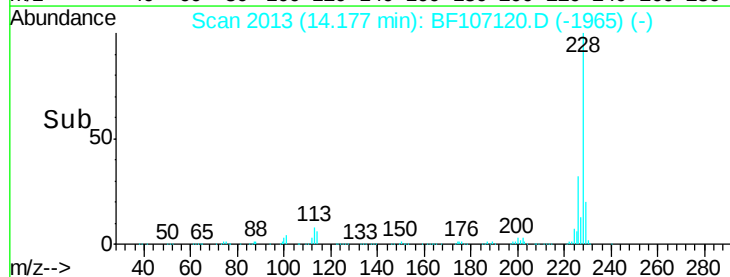
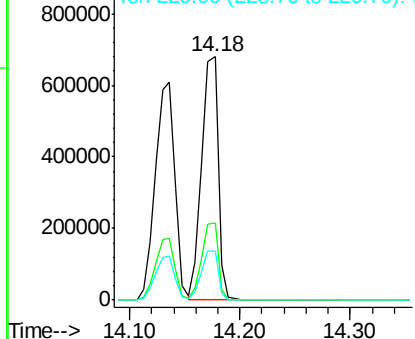


#82
 Chrysene
 Concen: 36.756 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. -0.02 min
 Lab File: BF107120.D
 Acq: 5 Jul 2018 12:13

Tgt Ion:228 Resp: 685116
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.0 37.6
 229 20.0 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

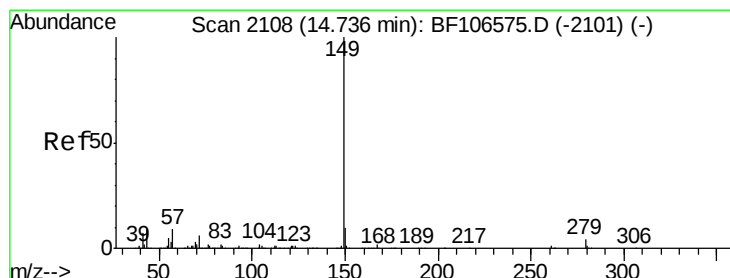
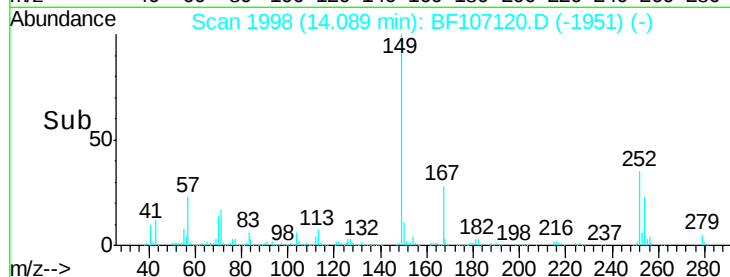
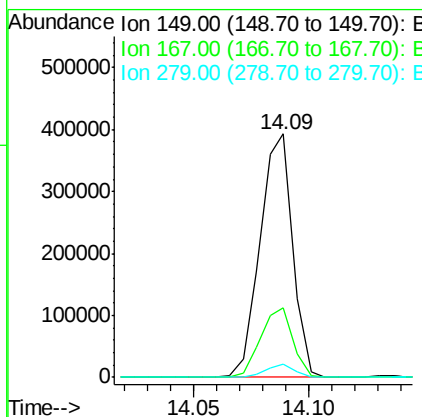
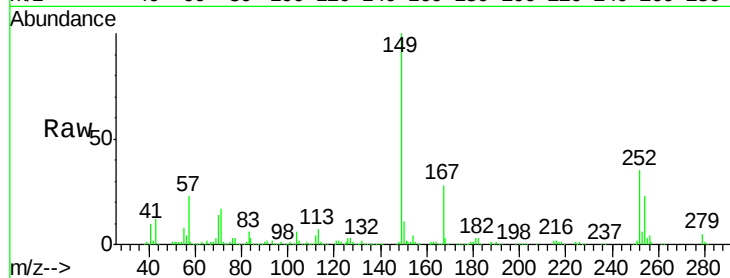




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.437 ng
 RT: 14.09 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BF107120.D
 Acq: 5 Jul 2018 12:13

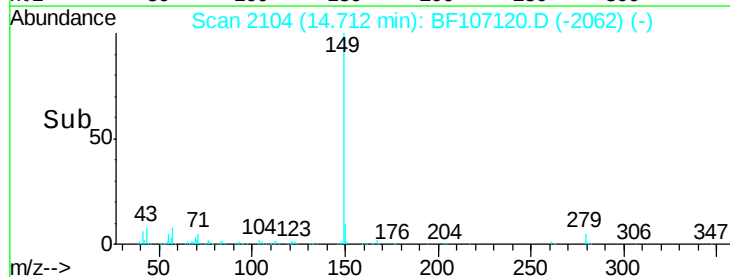
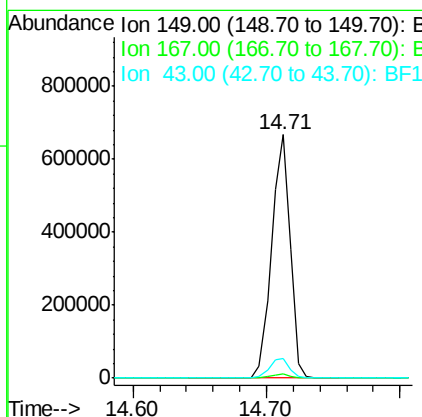
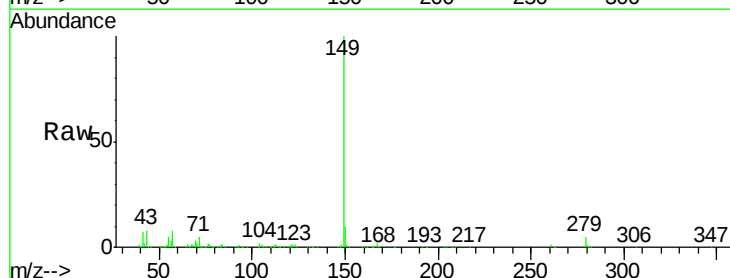
Instrument :
 BNA_F
 ClientSampleId :
 PB110604BSD

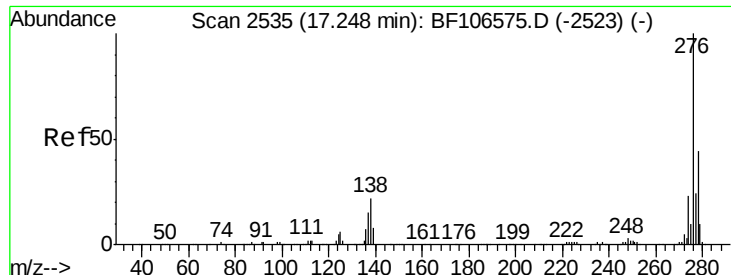
Tgt Ion:149 Resp: 385285
 Ion Ratio Lower Upper
 149 100
 167 28.4 21.3 31.9
 279 5.3 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 34.384 ng
 RT: 14.71 min Scan# 2104
 Delta R.T. -0.05 min
 Lab File: BF107120.D
 Acq: 5 Jul 2018 12:13

Tgt Ion:149 Resp: 645823
 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: 35.366 ng

RT: 17.27 min Scan# 2538

Delta R.T. -0.04 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

Instrument :

BNA_F

ClientSampleId :

PB110604BSD

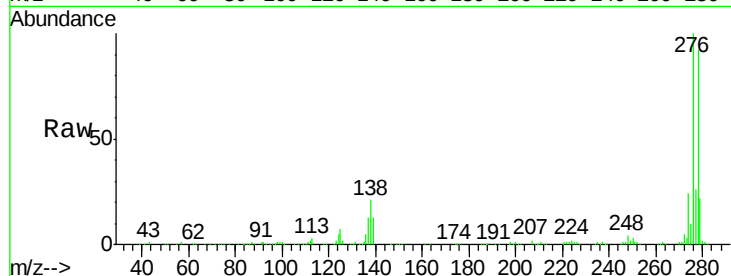
Tgt Ion: 276 Resp: 559427

Ion Ratio Lower Upper

276 100

138 20.6 25.0 37.6#

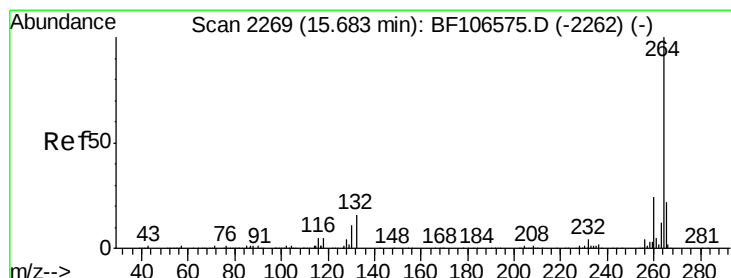
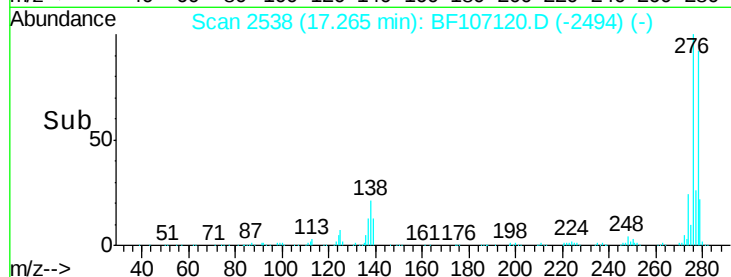
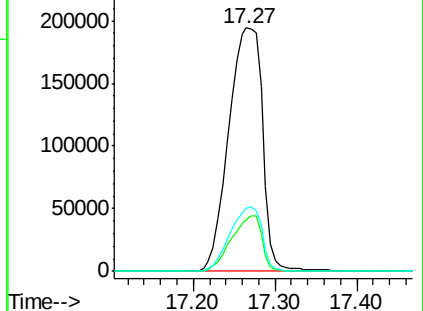
277 25.2 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2268

Delta R.T. -0.04 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

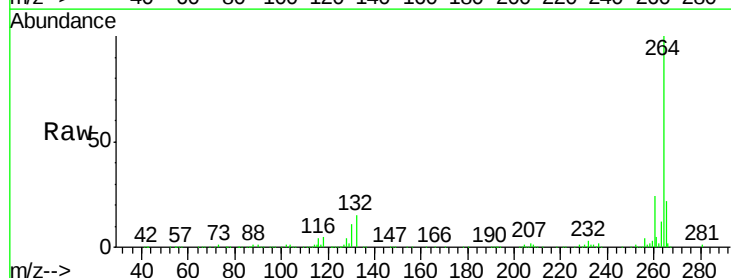
Tgt Ion: 264 Resp: 256683

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

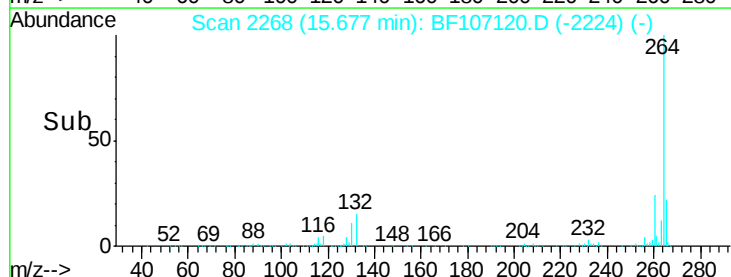
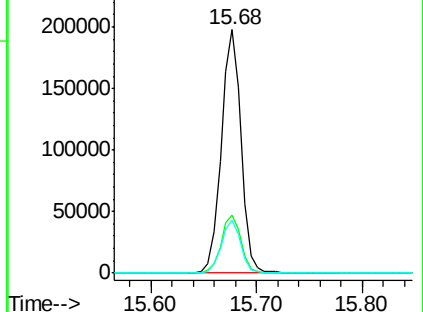
265 21.6 17.5 26.3

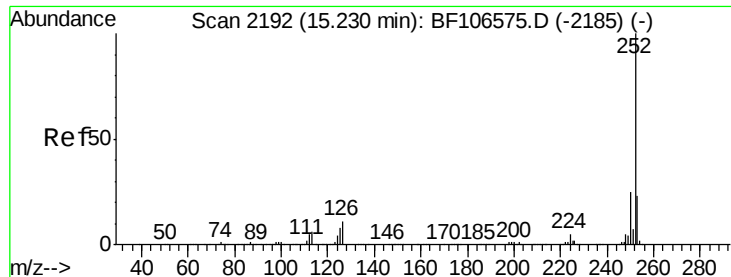


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

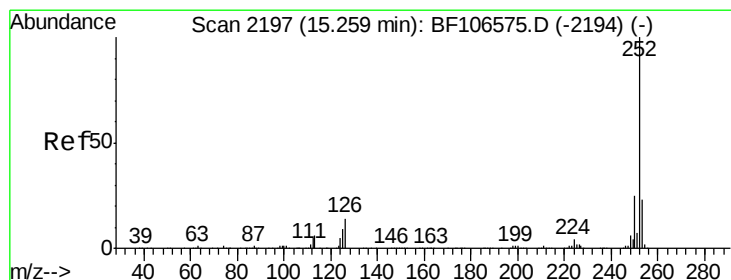
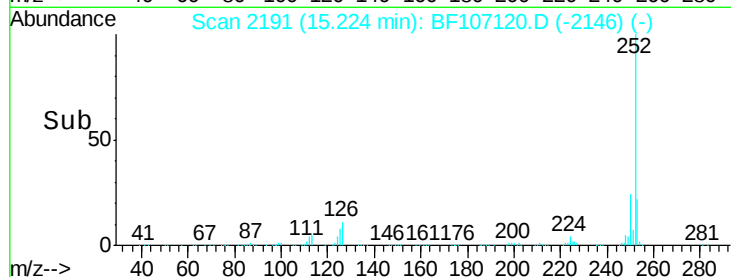
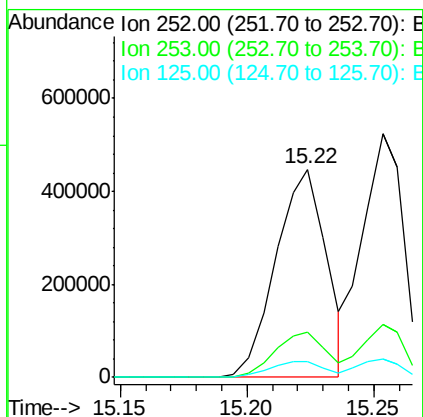
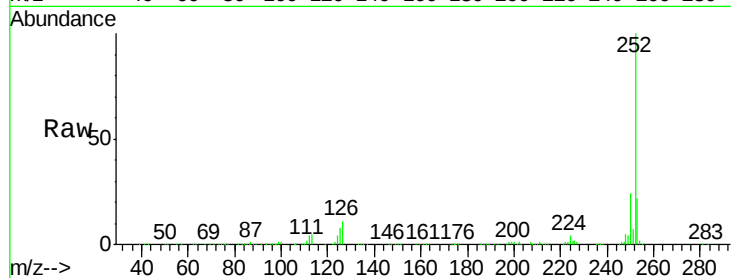




#87
Benzo(b)fluoranthene
Concen: 38.953 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.04 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

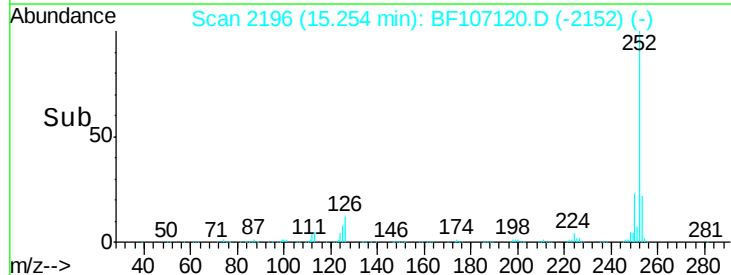
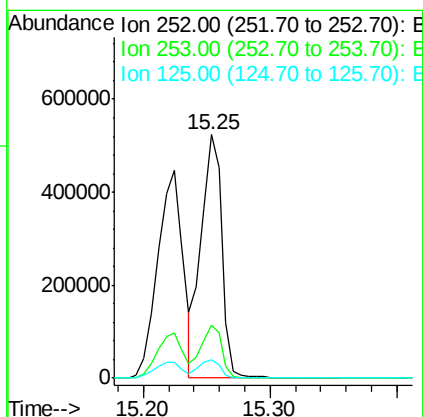
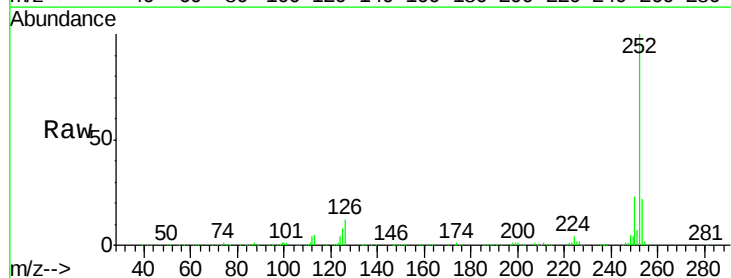
Instrument :
BNA_F
ClientSampleId :
PB110604BSD

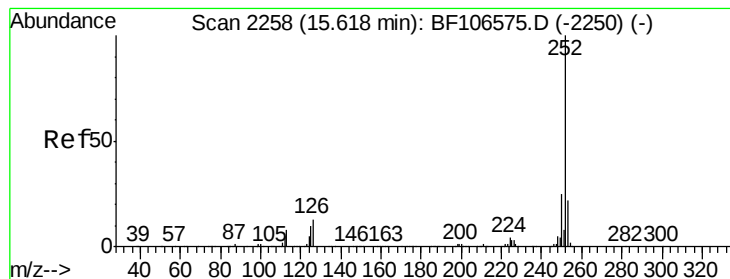
Tgt Ion:252 Resp: 621110
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 7.8 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 39.272 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.04 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Tgt Ion:252 Resp: 596324
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 7.7 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 39.211 ng

RT: 15.62 min Scan# 2258

Delta R.T. -0.04 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

Instrument :

BNA_F

ClientSampleId :

PB110604BSD

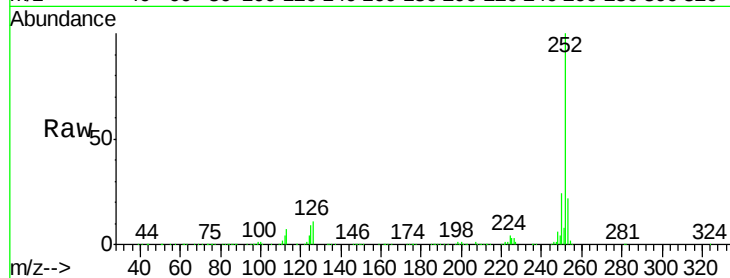
Tgt Ion:252 Resp: 555805

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

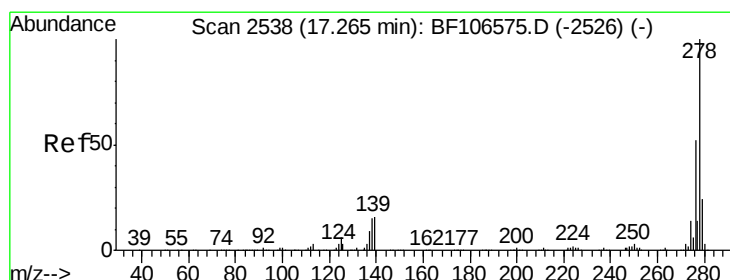
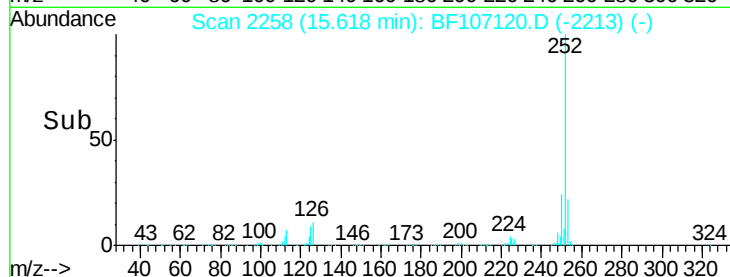
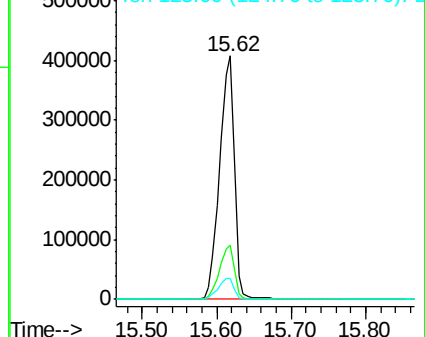
125 8.6 9.8 14.6#



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: 38.474 ng

RT: 17.28 min Scan# 2540

Delta R.T. -0.05 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

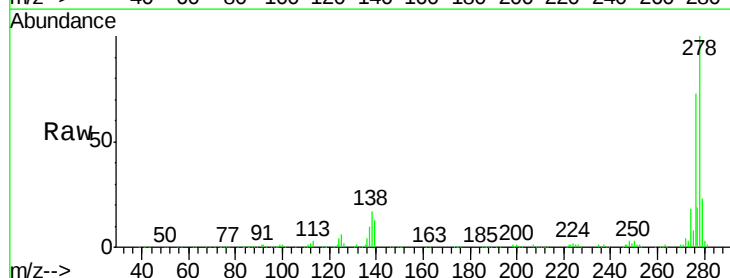
Tgt Ion:278 Resp: 462191

Ion Ratio Lower Upper

278 100

139 13.0 15.9 23.9#

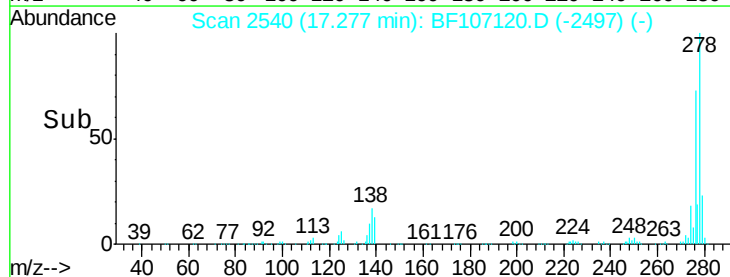
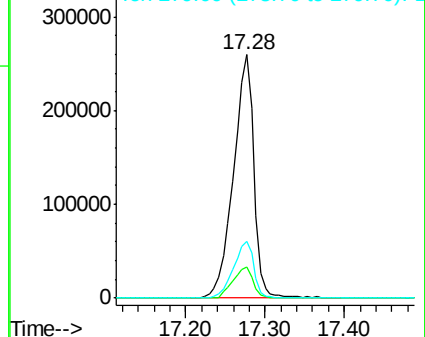
279 23.5 19.0 28.4

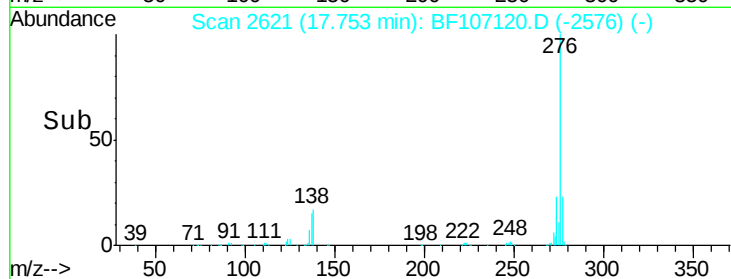
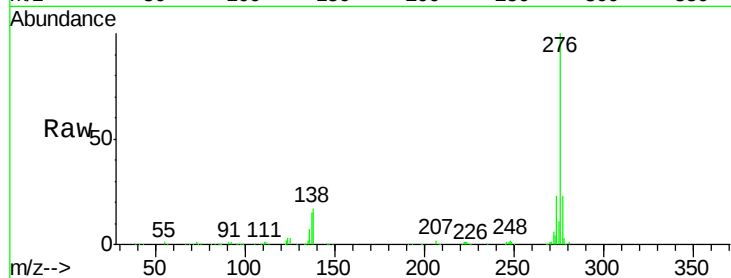
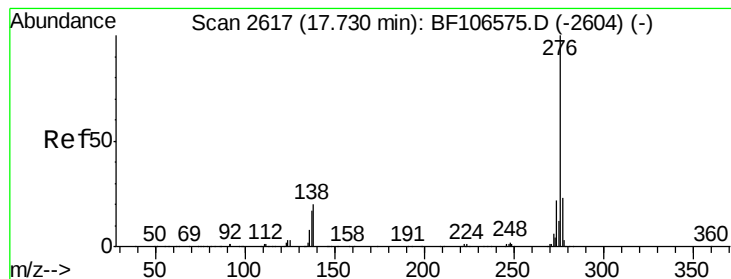


Abundance Ion 278.00 (277.70 to 278.70): E

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: 41.195 ng

RT: 17.75 min Scan# 2621

Delta R.T. -0.04 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

Instrument :

BNA_F

ClientSampleId :

PB110604BSD

Tgt Ion:276 Resp: 483703

Ion Ratio Lower Upper

276 100

277 23.3 17.9 26.9

138 17.4 21.8 32.8#

