

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072018\
 Data File : BF107551.D
 Acq On : 21 Jul 2018 3:36
 Operator : JU/SJ
 Sample : J4030-02MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB1-12-0MSD

Quant Time: Jul 21 04:57:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	283578	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	944061	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	335606	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	679208	20.00	ng	0.00
75) Chrysene-d12	14.17	240	676877	20.00	ng	0.00
86) Perylene-d12	15.70	264	502908	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1739973	98.65	ng	0.00
7) Phenol-d6	6.61	99	1954836	92.30	ng	0.00
23) Nitrobenzene-d5	7.54	82	1147692	82.04	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	411706	107.88	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1650589	83.95	ng	0.00
78) Terphenyl-d14	13.10	244	1753114	66.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.87	88	242687	29.562	ng	# 83
3) Pyridine	3.65	79	655341	29.344	ng	# 83
4) n-Nitrosodimethylamine	3.61	42	329587	34.991	ng	97
6) Aniline	6.67	93	561077	20.541	ng	# 87
8) 2-Chlorophenol	6.77	128	621865	32.910	ng	93
9) Benzaldehyde	6.53	77	311891	21.253	ng	97
10) Phenol	6.62	94	775893	31.152	ng	90
11) bis(2-Chloroethyl)ether	6.71	93	620875	30.068	ng	94
12) 1,3-Dichlorobenzene	6.92	146	685686	32.005	ng	99
13) 1,4-Dichlorobenzene	7.00	146	711812	32.416	ng	100
14) 1,2-Dichlorobenzene	7.15	146	639480	32.451	ng	100
15) Benzyl Alcohol	7.12	79	479457	33.218	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	1058046	30.372	ng	82
17) 2-Methylphenol	7.23	107	490569	30.545	ng	# 94
18) Hexachloroethane	7.48	117	203125	26.373	ng	95
19) n-Nitroso-di-n-propylamine	7.38	70	407899	29.814	ng	95
20) 3+4-Methylphenols	7.38	107	616667	32.336	ng	# 47
22) Acetophenone	7.38	105	858937	38.741	ng	# 90
24) Nitrobenzene	7.56	77	612507	38.229	ng	99
25) Isophorone	7.80	82	1052400	35.235	ng	97
26) 2-Nitrophenol	7.88	139	262289	38.766	ng	95
27) 2,4-Dimethylphenol	7.91	122	473671	36.984	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	724694	36.306	ng	99
29) 2,4-Dichlorophenol	8.12	162	450693	34.429	ng	99
30) 1,2,4-Trichlorobenzene	8.20	180	481304	32.736	ng	98
31) Naphthalene	8.28	128	1599998	38.541	ng	98
32) Benzoic acid	7.98	122	37656	11.418	ng	# 78
33) 4-Chloroaniline	8.34	127	372627	20.536	ng	98
34) Hexachlorobutadiene	8.39	225	289727	33.163	ng	99
35) Caprolactam	8.69	113	131757	30.945	ng	# 76
36) 4-Chloro-3-methylphenol	8.81	107	427493	29.399	ng	99
37) 2-Methylnaphthalene	8.97	142	1038902	36.113	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	428290	38.261	ng	98
40) Hexachlorocyclopentadiene	9.12	237	50071	8.799	ng	98

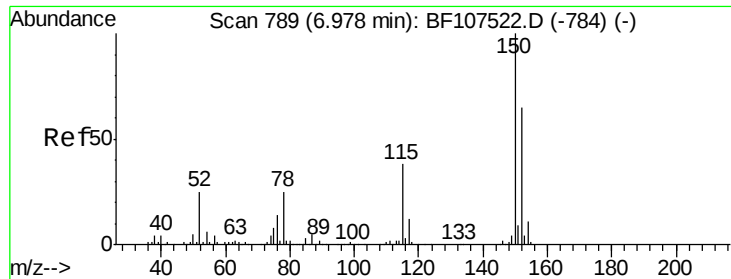
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072018\
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 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	261667	36.520	ng	99
43) 2,4,5-Trichlorophenol	9.30	196	273070	36.465	ng	95
45) 1,1'-Biphenyl	9.44	154	1110054	37.970	ng	99
46) 2-Chloronaphthalene	9.47	162	784155	35.091	ng	98
47) 2-Nitroaniline	9.57	65	275087	42.225	ng	89
48) Acenaphthylene	9.88	152	1273464	37.936	ng	98
49) Dimethylphthalate	9.73	163	1256345	49.671	ng	99
50) 2,6-Dinitrotoluene	9.80	165	178898	35.624	ng	95
51) Acenaphthene	10.05	154	721878	34.322	ng	99
52) 3-Nitroaniline	9.98	138	201922	33.052	ng	97
53) 2,4-Dinitrophenol	10.08	184	3088	10.069	ng	# 7
54) Dibenzofuran	10.22	168	1119183	36.144	ng	99
55) 4-Nitrophenol	10.14	139	324078	70.852	ng	94
56) 2,4-Dinitrotoluene	10.21	165	215822	35.604	ng	# 98
57) Fluorene	10.57	166	841907	38.112	ng	95
58) 2,3,4,6-Tetrachlorophenol	10.34	232	228688	36.694	ng	88
59) Diethylphthalate	10.43	149	916648	34.700	ng	98
60) 4-Chlorophenyl-phenylether	10.56	204	400763	32.091	ng	90
61) 4-Nitroaniline	10.60	138	224898	43.816	ng	95
62) Azobenzene	10.72	77	818468	33.042	ng	92
64) 4,6-Dinitro-2-methylphenol	10.61	198	6521	10.310	ng	# 67
65) n-Nitrosodiphenylamine	10.68	169	763980	33.119	ng	100
66) 4-Bromophenyl-phenylether	11.05	248	242551	30.336	ng	92
67) Hexachlorobenzene	11.12	284	264749	30.094	ng	# 87
68) Atrazine	11.20	200	229987	32.655	ng	95
69) Pentachlorophenol	11.32	266	301918	54.944	ng	98
70) Phenanthrene	11.54	178	1401754	42.352	ng	99
71) Anthracene	11.59	178	1284081	38.532	ng	99
72) Carbazole	11.75	167	1259495	36.345	ng	99
73) Di-n-butylphthalate	12.06	149	1416672	37.923	ng	100
74) Fluoranthene	12.74	202	1689780	47.577	ng	97
76) Benzidine	12.85	184	276361	14.178	ng	99
77) Pyrene	12.97	202	1692229	36.550	ng	99
79) Butylbenzylphthalate	13.57	149	712824	35.800	ng	99
80) Benzo(a)anthracene	14.15	228	1462694	36.875	ng	97
81) 3,3'-Dichlorobenzidine	14.11	252	399735	31.146	ng	99
82) Chrysene	14.19	228	1404804	36.868	ng	97
83) Bis(2-ethylhexyl)phthalate	14.12	149	999277	35.569	ng	99
84) Di-n-octyl phthalate	14.74	149	1775800	40.665	ng	99
85) Indeno(1,2,3-cd)pyrene	17.28	276	849956	26.319	ng	95
87) Benzo(b)fluoranthene	15.24	252	1085071	39.423	ng	97
88) Benzo(k)fluoranthene	15.27	252	1013205	37.574	ng	98
89) Benzo(a)pyrene	15.64	252	881456	35.011	ng	98
90) Dibenzo(a,h)anthracene	17.29	278	713541	32.786	ng	97
91) Benzo(g,h,i)perylene	17.75	276	682007	31.770	ng	95

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

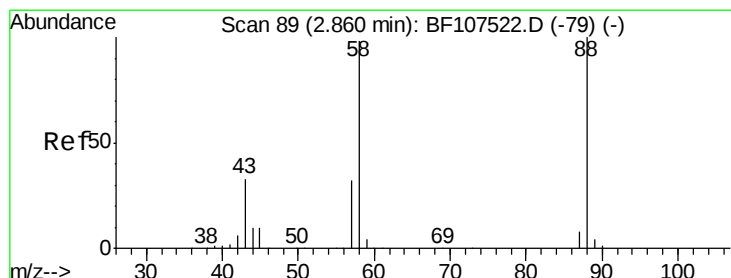
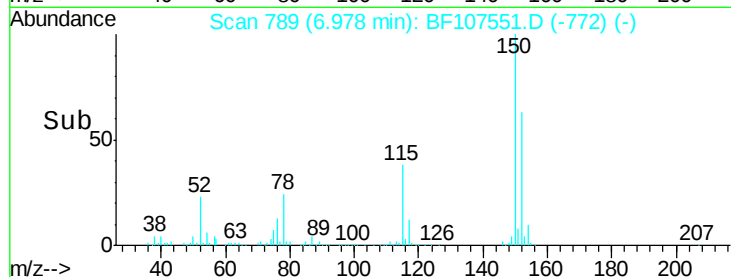
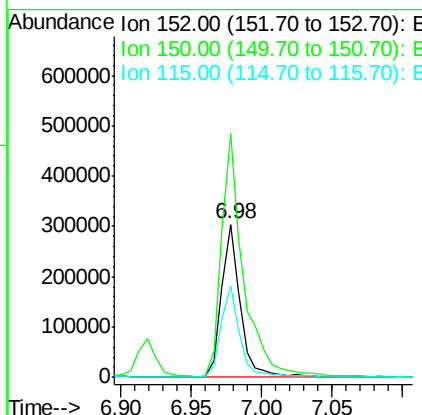
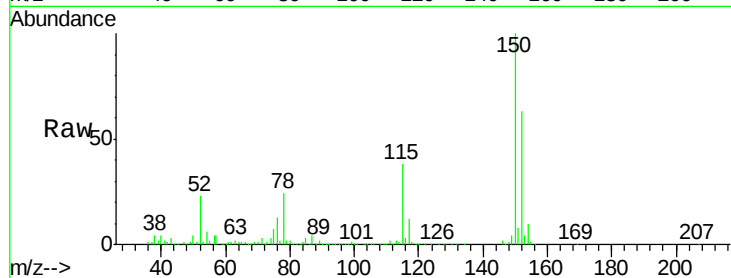


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF107551.D
Acq: 21 Jul 2018 3:36

Instrument :
BNA_F
ClientSampleId :
SB1-12-0MSD

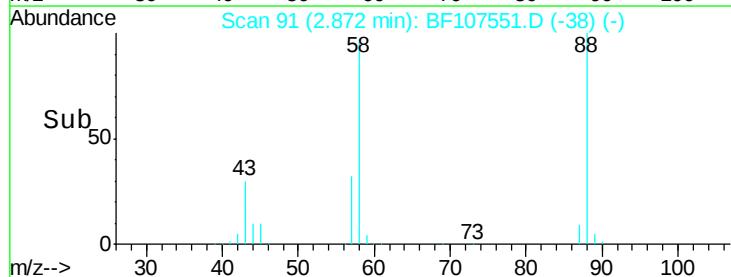
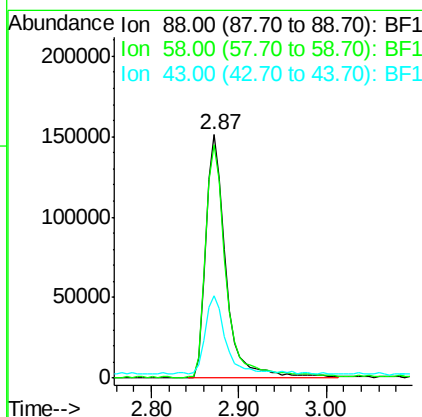
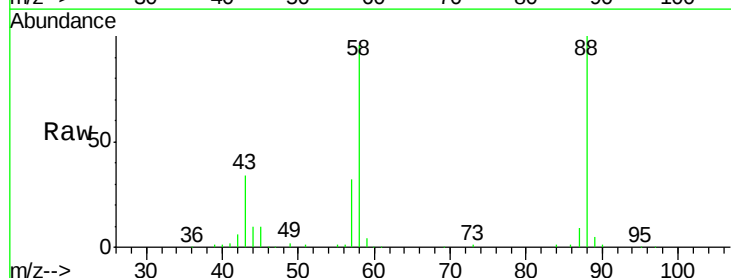
Tgt Ion:152 Resp: 283578
Ion Ratio Lower Upper
152 100
150 159.4 124.6 186.8
115 60.1 50.1 75.1

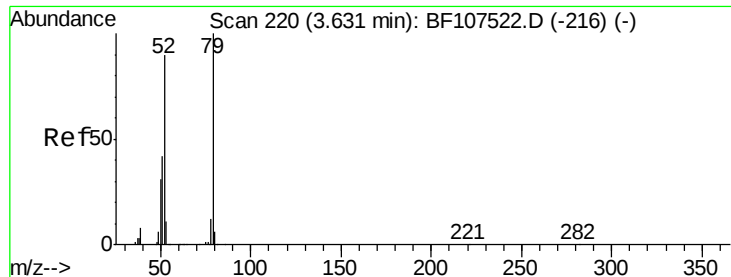


#2

1,4-Dioxane
Concen: 29.562 ng
RT: 2.87 min Scan# 91
Delta R.T. 0.01 min
Lab File: BF107551.D
Acq: 21 Jul 2018 3:36

Tgt Ion: 88 Resp: 242687
Ion Ratio Lower Upper
88 100
58 98.0 62.6 93.8#
43 32.6 24.6 37.0

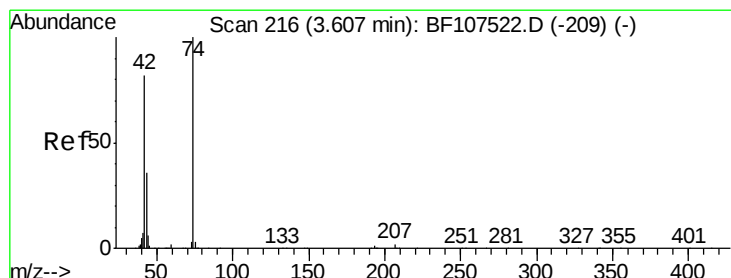
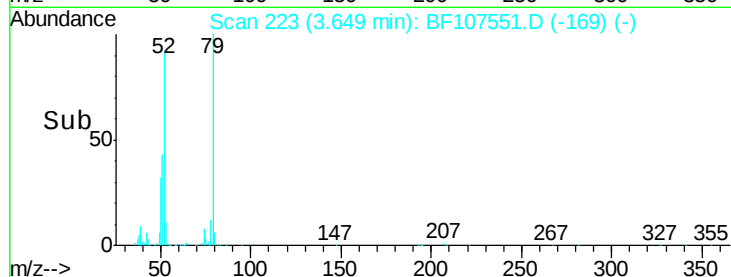
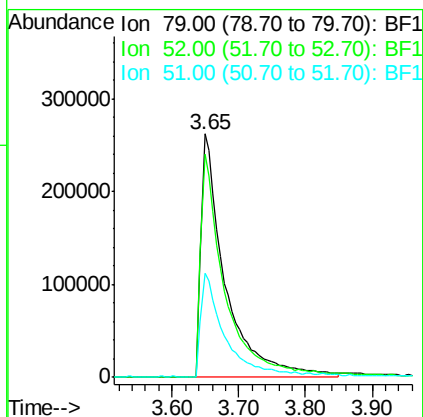
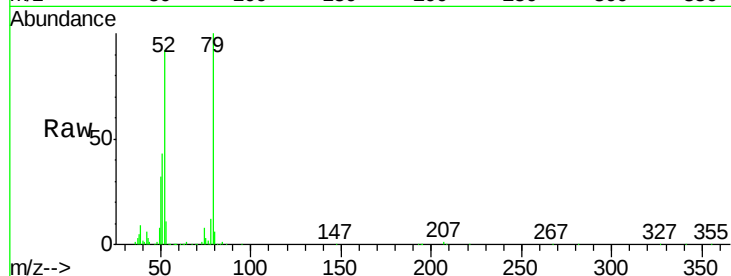




#3
 Pyridine
 Concen: 29.344 ng
 RT: 3.65 min Scan# 223
 Delta R.T. 0.02 min
 Lab File: BF107551.D
 Acq: 21 Jul 2018 3:36

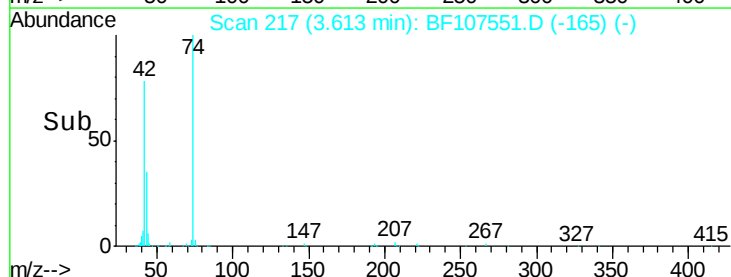
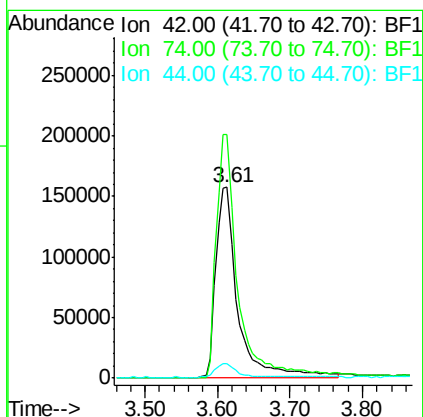
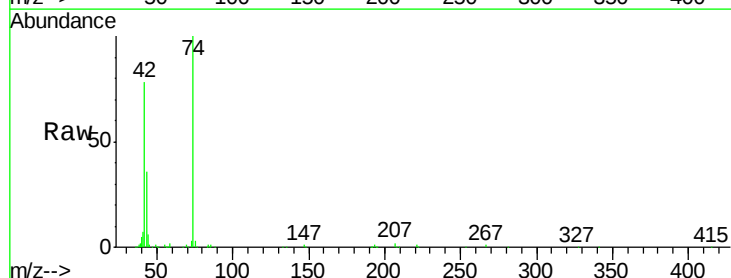
Instrument :
 BNA_F
 ClientSampleId :
 SB1-12-0MSD

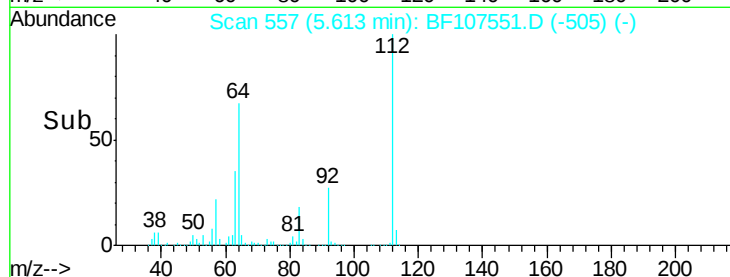
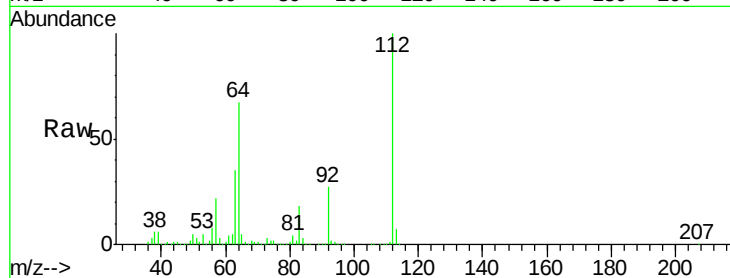
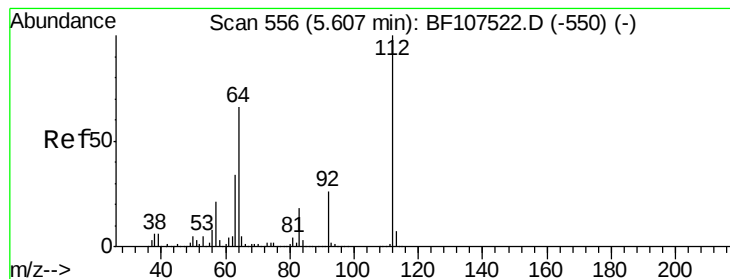
Tgt Ion: 79 Resp: 655341
 Ion Ratio Lower Upper
 79 100
 52 91.9 59.8 89.6#
 51 42.7 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 34.991 ng
 RT: 3.61 min Scan# 217
 Delta R.T. 0.01 min
 Lab File: BF107551.D
 Acq: 21 Jul 2018 3:36

Tgt Ion: 42 Resp: 329587
 Ion Ratio Lower Upper
 42 100
 74 127.7 104.9 157.3
 44 7.9 6.9 10.3





#5

2-Fluorophenol

Concen: 98.652 ng

RT: 5.61 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF107551.D

Acq: 21 Jul 2018 3:36

Instrument :

BNA_F

ClientSampleId :

SB1-12-0MSD

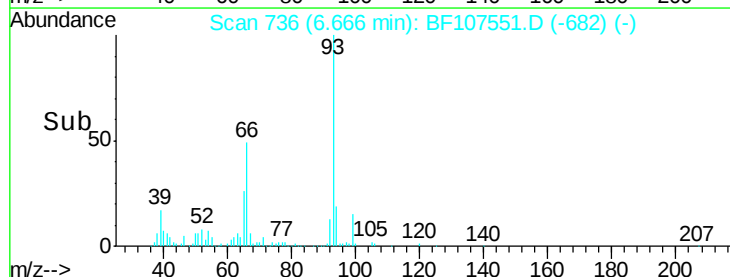
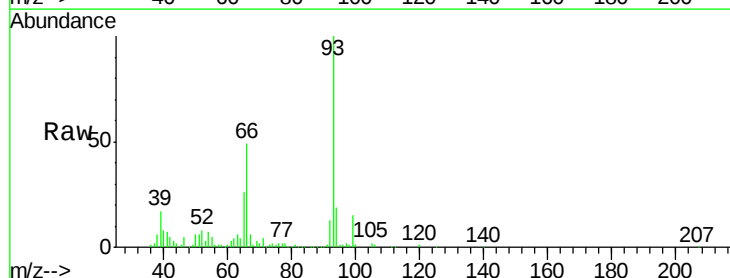
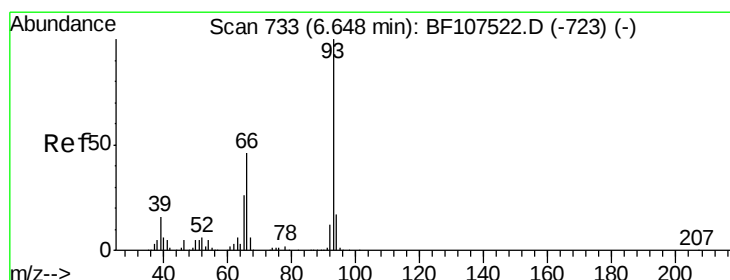
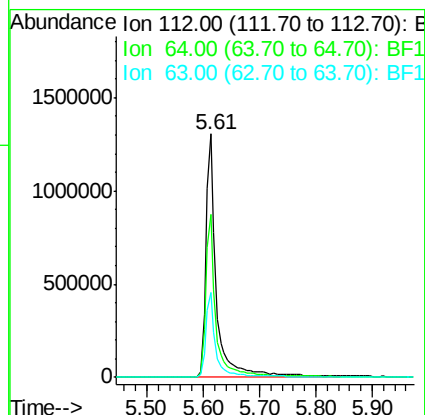
Tgt Ion: 112 Resp: 1739973

Ion Ratio Lower Upper

112 100

64 66.9 47.9 71.9

63 34.6 23.7 35.5



#6

Aniline

Concen: 20.541 ng

RT: 6.67 min Scan# 736

Delta R.T. 0.02 min

Lab File: BF107551.D

Acq: 21 Jul 2018 3:36

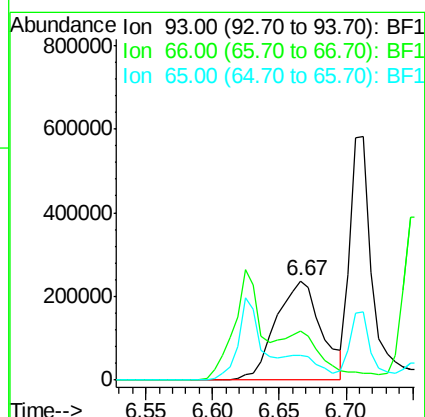
Tgt Ion: 93 Resp: 561077

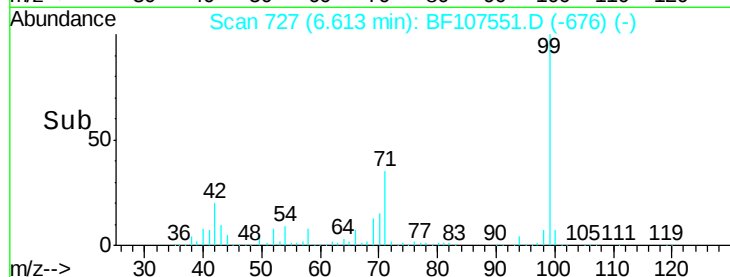
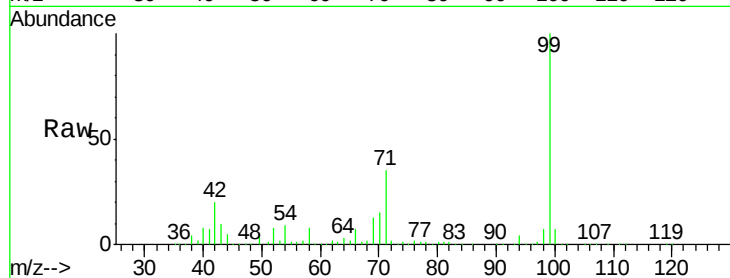
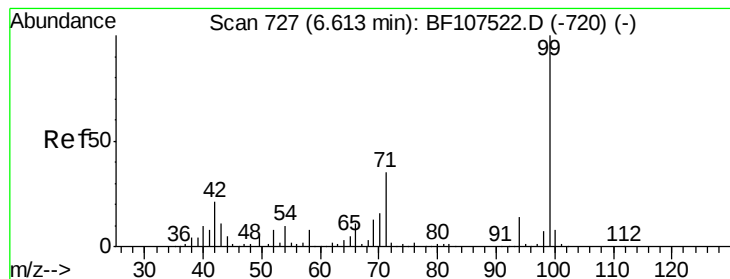
Ion Ratio Lower Upper

93 100

66 49.1 32.2 48.2#

65 25.6 16.4 24.6#





#7

Phenol-d6

Concen: 92.305 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF107551.D

Acq: 21 Jul 2018 3:36

Instrument :

BNA_F

ClientSampleId :

SB1-12-0MSD

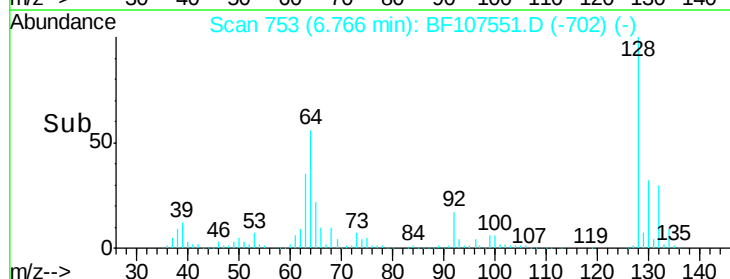
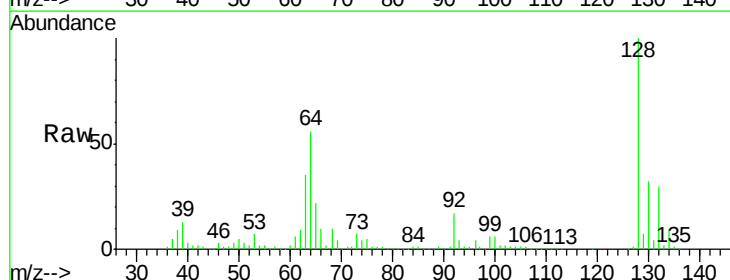
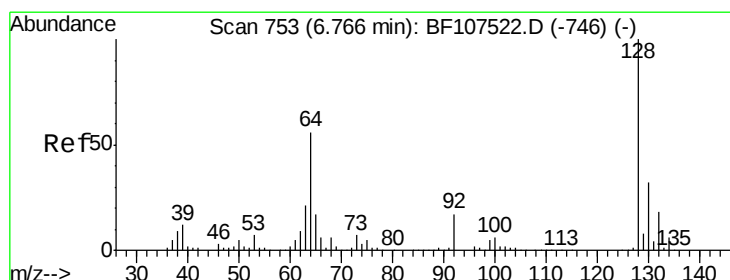
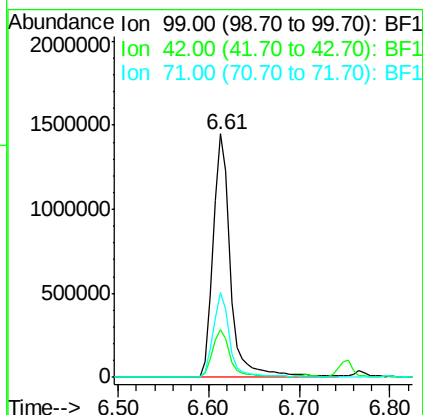
Tgt Ion: 99 Resp: 1954836

Ion Ratio Lower Upper

99 100

42 19.8 14.5 21.7

71 35.0 25.4 38.0



#8

2-Chlorophenol

Concen: 32.910 ng

RT: 6.77 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF107551.D

Acq: 21 Jul 2018 3:36

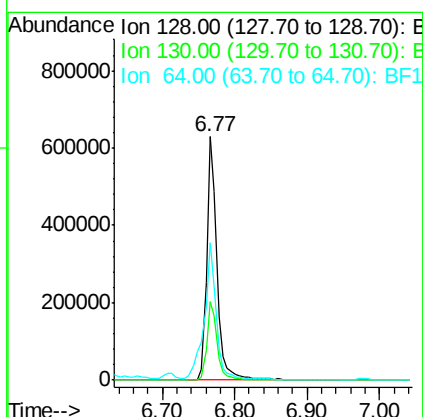
Tgt Ion: 128 Resp: 621865

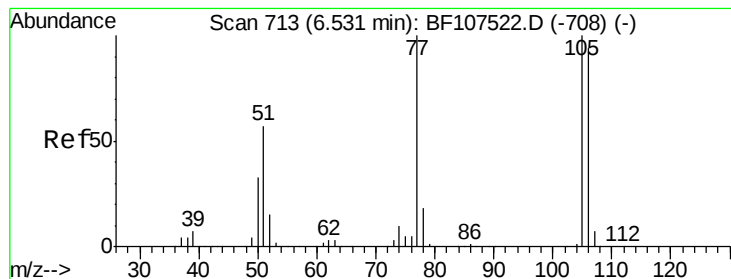
Ion Ratio Lower Upper

128 100

130 32.1 13.0 53.0

64 56.2 29.4 69.4





#9

Benzaldehyde

Concen: 21.253 ng

RT: 6.53 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF107551.D

Acq: 21 Jul 2018 3:36

Instrument :

BNA_F

ClientSampleId :

SB1-12-0MSD

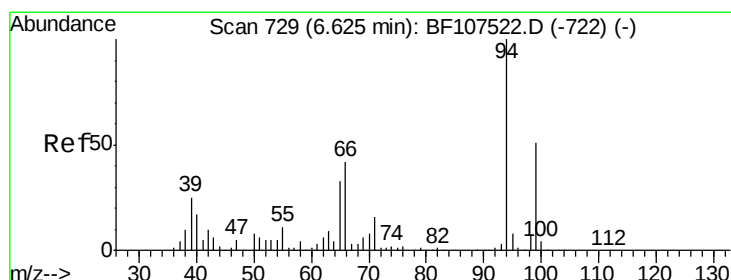
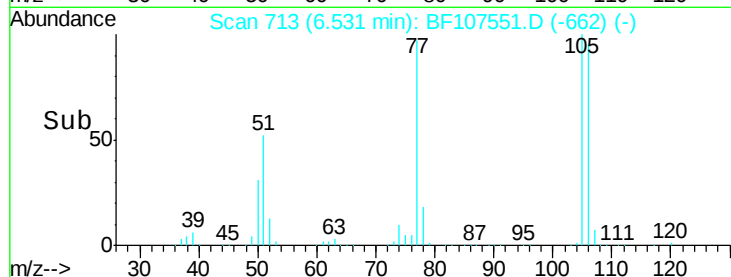
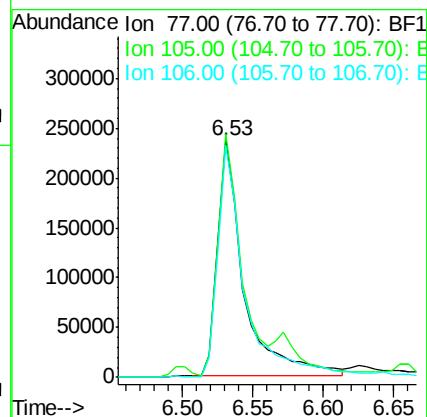
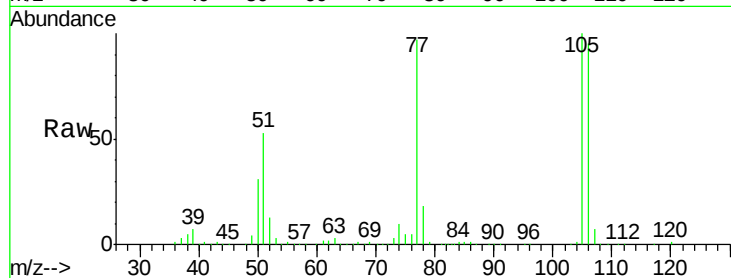
Tgt Ion: 77 Resp: 311891

Ion Ratio Lower Upper

77 100

105 102.8 81.1 121.1

106 97.8 74.5 114.5



#10

Phenol

Concen: 31.152 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF107551.D

Acq: 21 Jul 2018 3:36

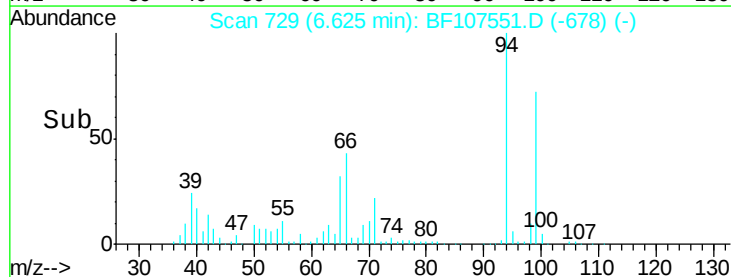
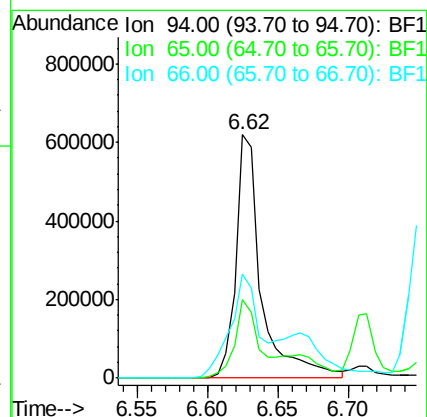
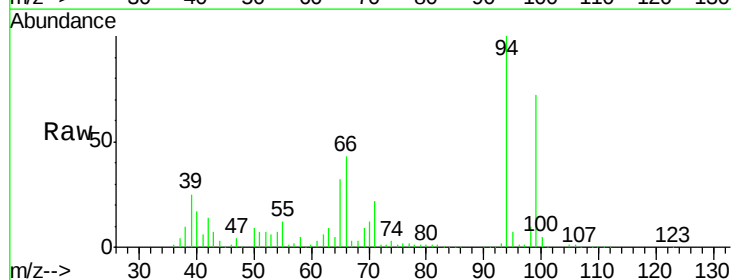
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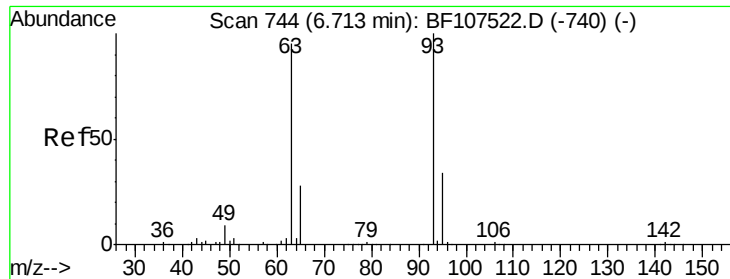
Ion Ratio Lower Upper

94 100

65 32.0 7.9 47.9

66 42.7 16.2 56.2

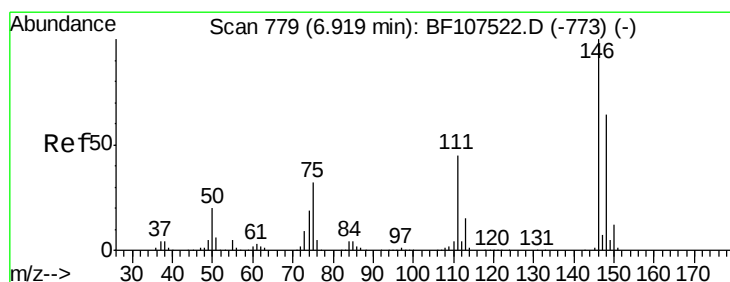
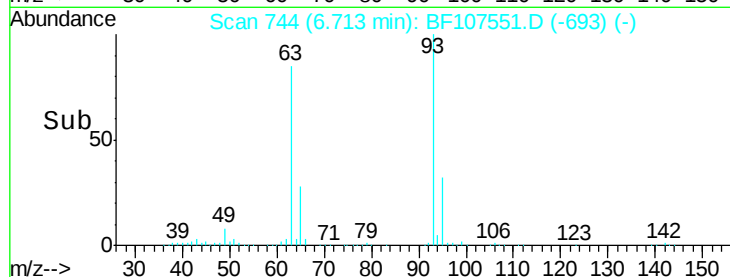
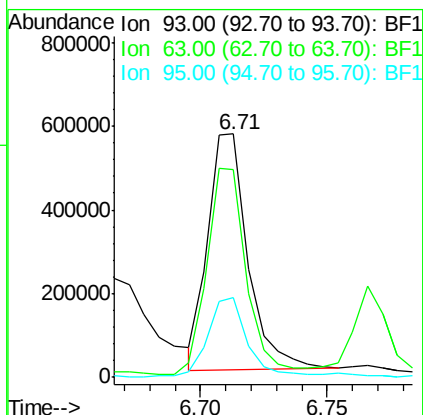
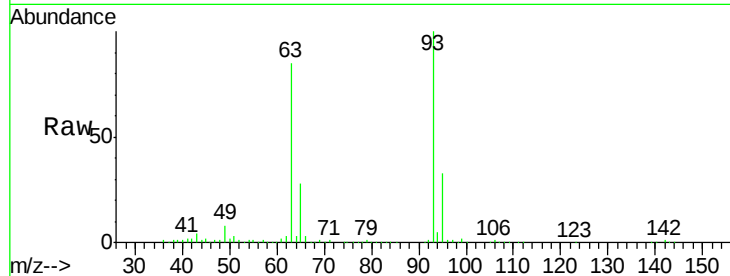




#11
bis(2-Chloroethyl)ether
Concen: 30.068 ng
RT: 6.71 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF107551.D
Acq: 21 Jul 2018 3:36

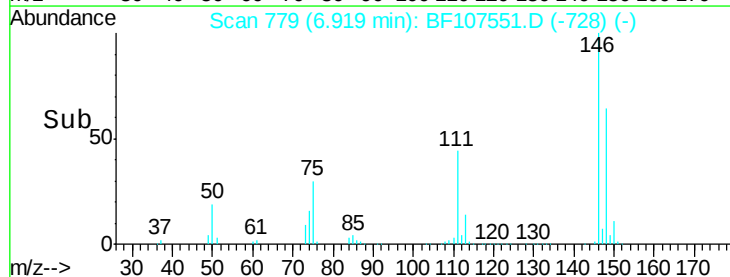
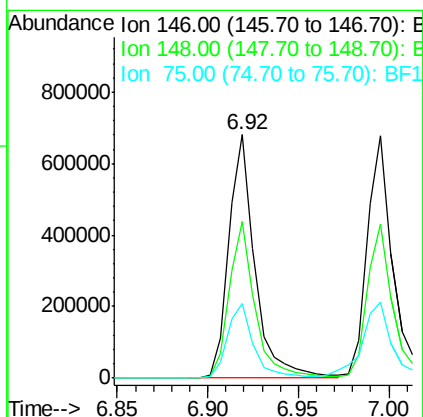
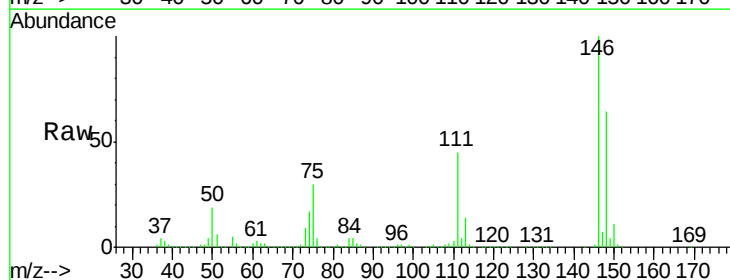
Instrument :
BNA_F
ClientSampleId :
SB1-12-0MSD

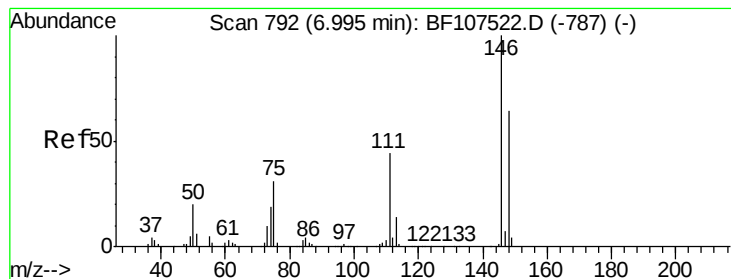
Tgt Ion: 93 Resp: 620875
Ion Ratio Lower Upper
93 100
63 85.2 58.6 98.6
95 33.0 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 32.005 ng
RT: 6.92 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF107551.D
Acq: 21 Jul 2018 3:36

Tgt Ion: 146 Resp: 685686
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
75 30.5 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 32.416 ng

RT: 7.00 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF107551.D

Acq: 21 Jul 2018 3:36

Instrument :

BNA_F

ClientSampleId :

SB1-12-0MSD

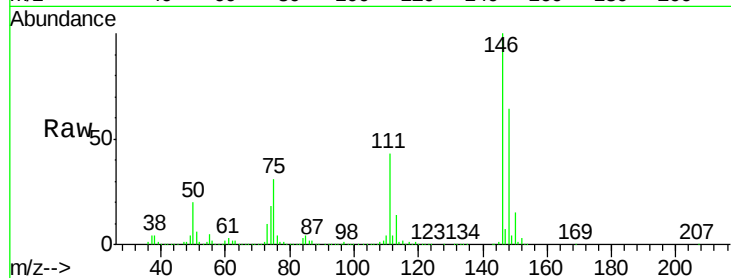
Tgt Ion:146 Resp: 711812

Ion Ratio Lower Upper

146 100

148 63.6 50.8 76.2

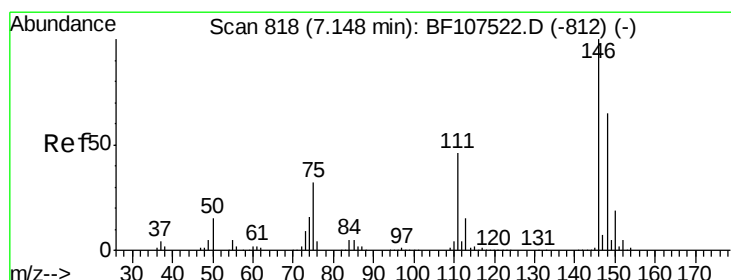
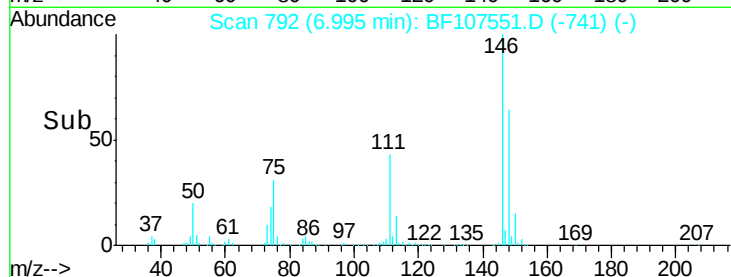
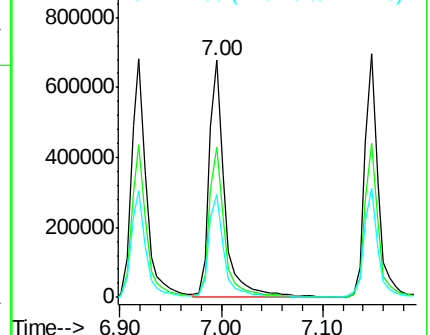
111 43.3 34.2 51.2



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: 32.451 ng

RT: 7.15 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF107551.D

Acq: 21 Jul 2018 3:36

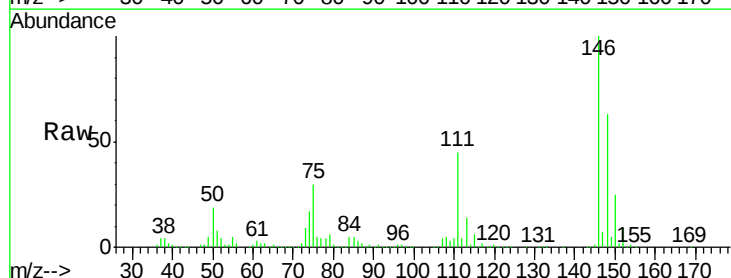
Tgt Ion:146 Resp: 639480

Ion Ratio Lower Upper

146 100

148 63.0 50.6 75.8

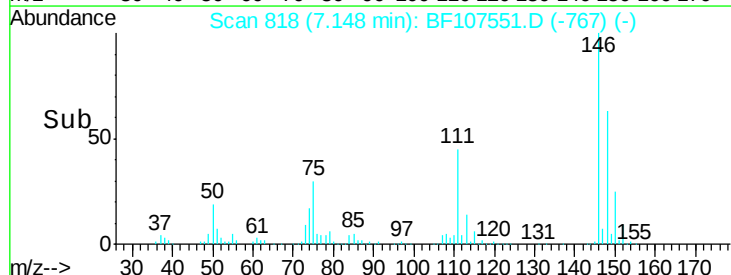
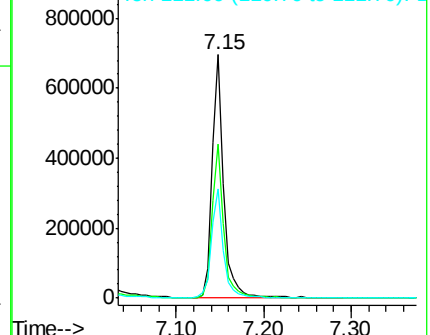
111 44.7 36.0 54.0

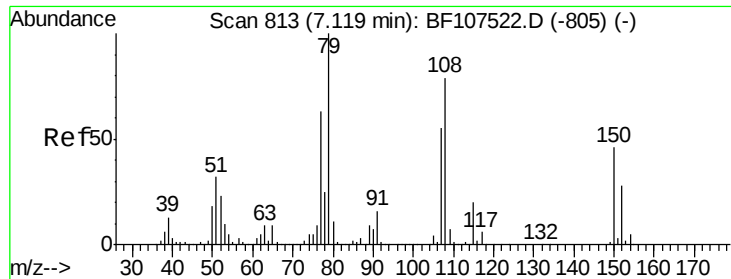


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 33.218 ng

RT: 7.12 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF107551.D

Acq: 21 Jul 2018 3:36

Instrument :

BNA_F

ClientSampled :

SB1-12-0MSD

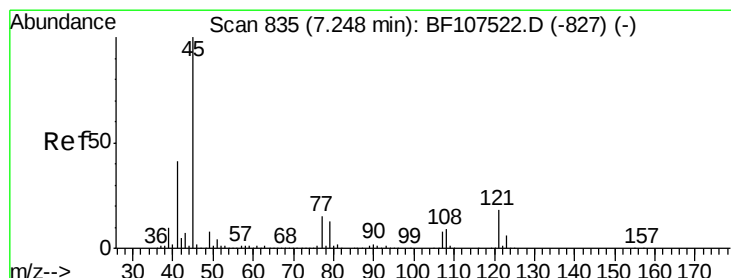
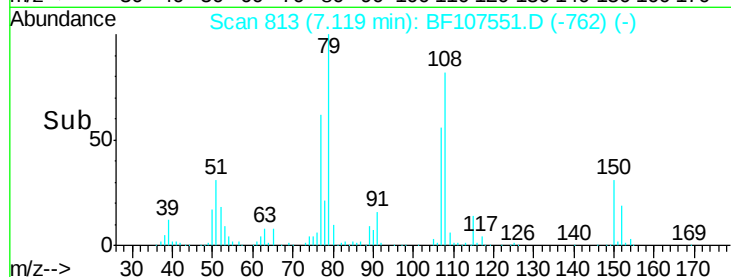
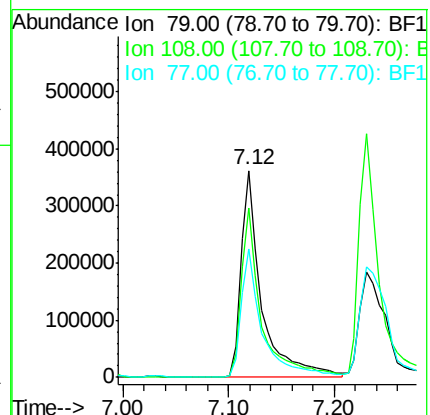
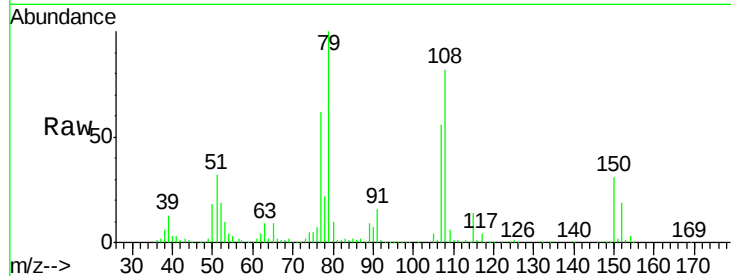
Tgt Ion: 79 Resp: 479457

Ion Ratio Lower Upper

79 100

108 81.7 65.1 97.7

77 61.7 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.372 ng

RT: 7.24 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF107551.D

Acq: 21 Jul 2018 3:36

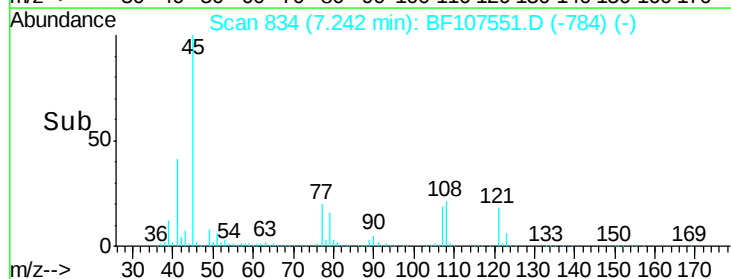
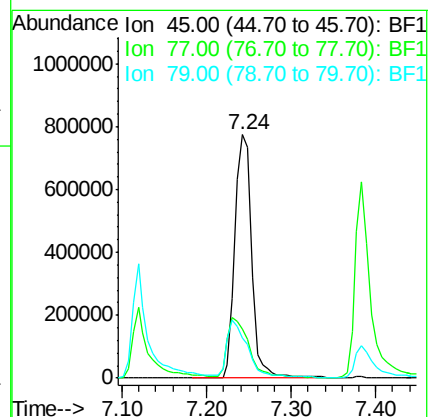
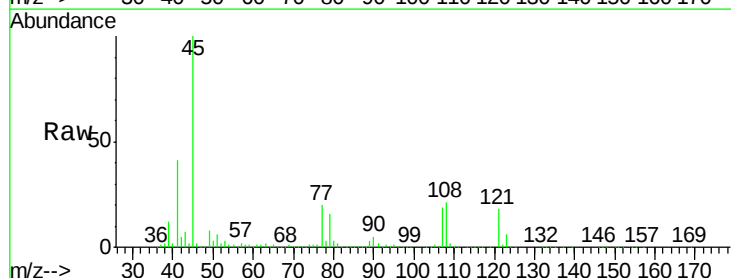
Tgt Ion: 45 Resp: 1058046

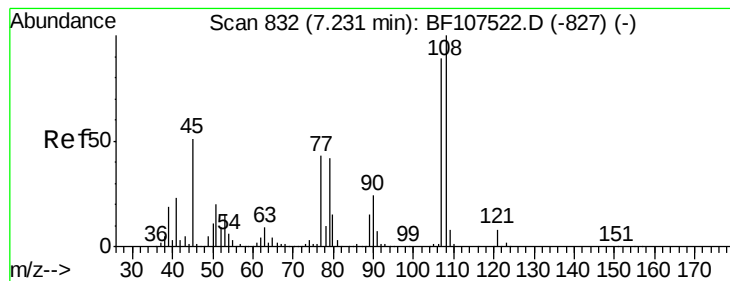
Ion Ratio Lower Upper

45 100

77 20.1 0.0 32.9

79 16.4 0.0 29.6





#17

2-Methylphenol

Concen: 30.545 ng

RT: 7.23 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF107551.D

Acq: 21 Jul 2018 3:36

Instrument :

BNA_F

ClientSampleId :

SB1-12-0MSD

Tgt Ion:107 Resp: 490569

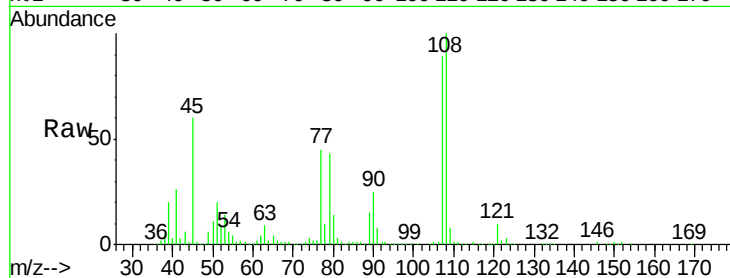
Ion Ratio Lower Upper

107 100

108 112.1 91.7 137.5

77 50.8 33.8 50.8#

79 48.8 33.8 50.8

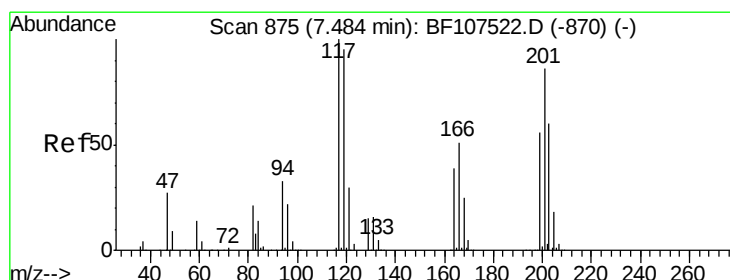
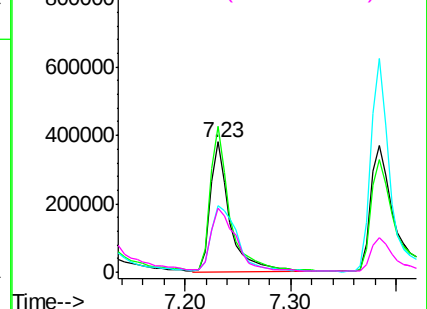
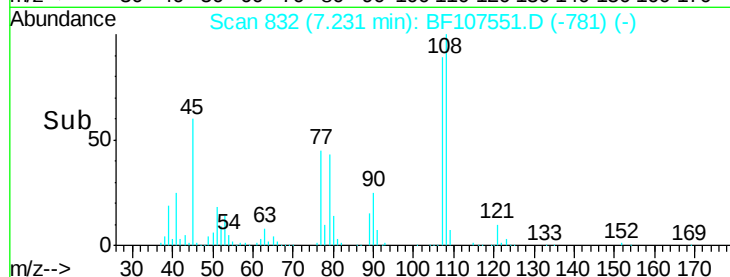


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 26.373 ng

RT: 7.48 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF107551.D

Acq: 21 Jul 2018 3:36

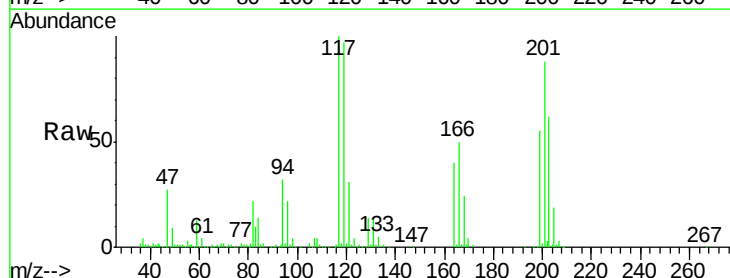
Tgt Ion:117 Resp: 203125

Ion Ratio Lower Upper

117 100

119 96.8 75.8 113.8

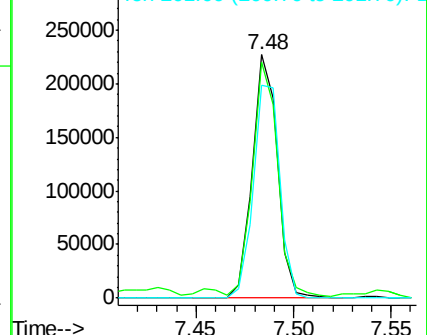
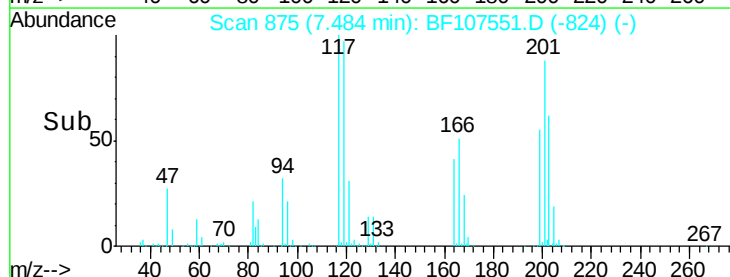
201 87.6 75.7 113.5

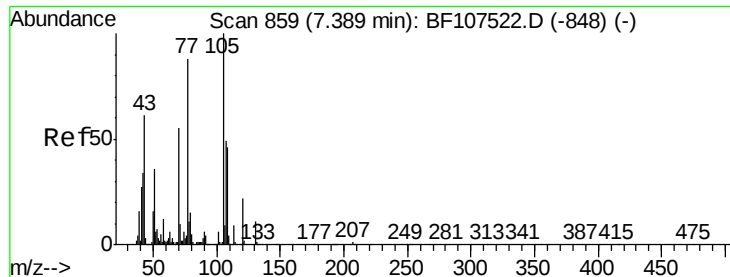


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

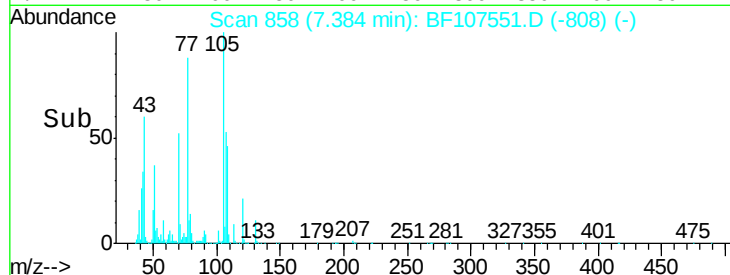
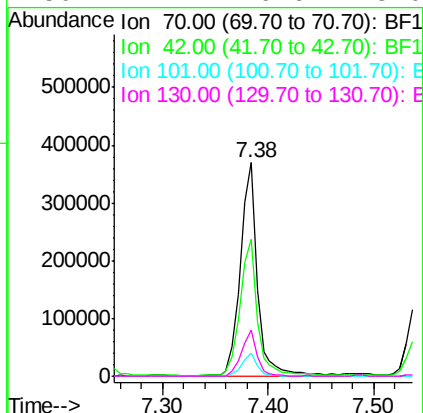
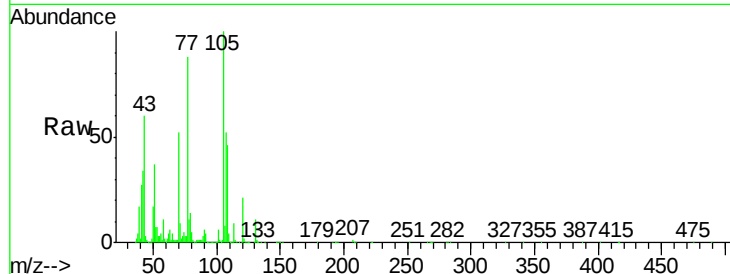




#19
n-Nitroso-di-n-propylamine
Concen: 29.814 ng
RT: 7.38 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF107551.D
Acq: 21 Jul 2018 3:36

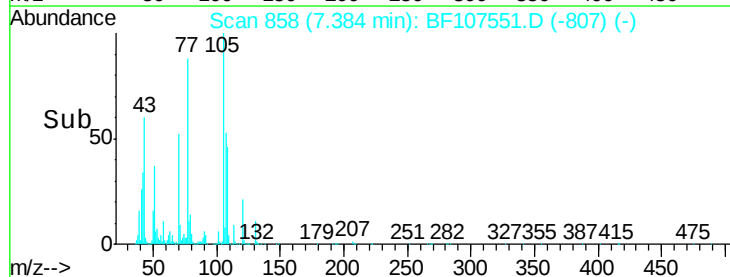
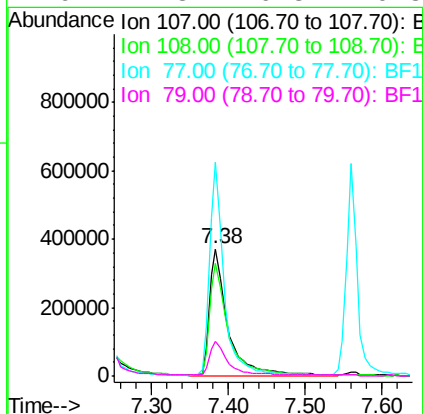
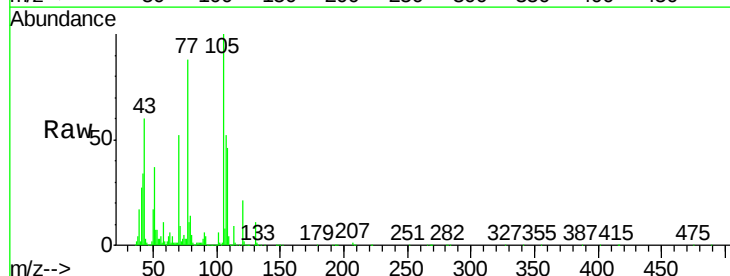
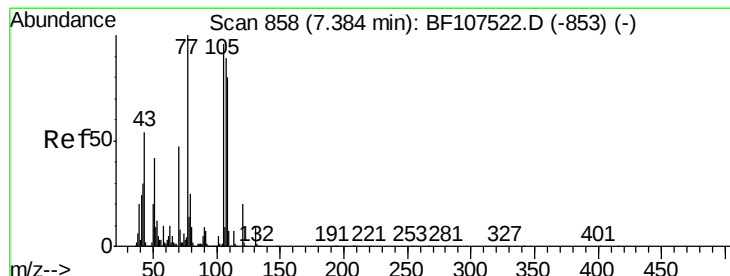
Instrument :
BNA_F
ClientSampleId :
SB1-12-0MSD

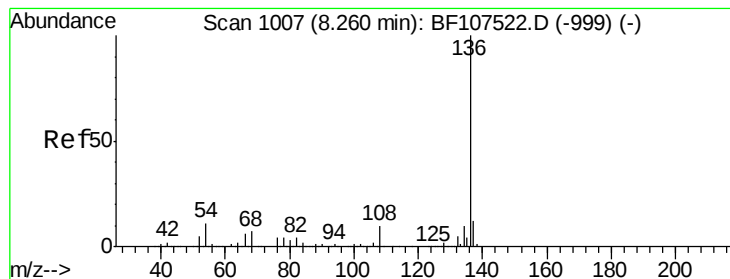
Tgt Ion:	70	Resp:	407899
Ion	Ratio	Lower	Upper
70	100		
42	64.4	47.5	71.3
101	10.6	7.4	11.2
130	21.7	16.6	25.0



#20
3+4-Methylphenols
Concen: 32.336 ng
RT: 7.38 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF107551.D
Acq: 21 Jul 2018 3:36

Tgt Ion:	107	Resp:	616667
Ion	Ratio	Lower	Upper
107	100		
108	88.2	68.2	108.2
77	168.2	26.7	66.7#
79	27.3	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF107551.D

Acq: 21 Jul 2018 3:36

Instrument :

BNA_F

ClientSampleId :

SB1-12-0MSD

Tgt Ion:136 Resp: 944061

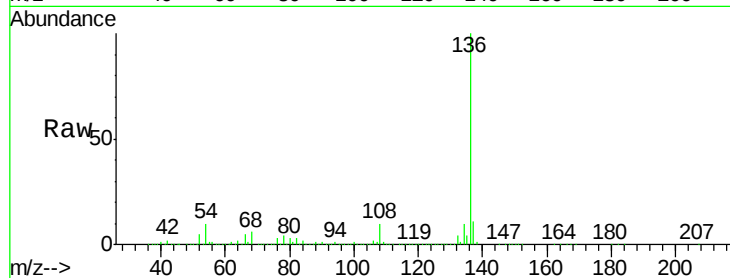
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 10.1 6.6 9.8#

68 6.2 5.0 7.4

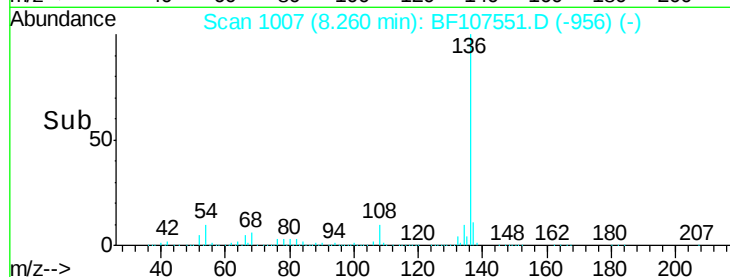


Abundance Ion 136.00 (135.70 to 136.70): E

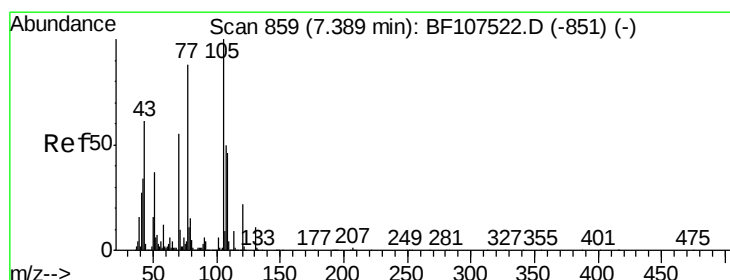
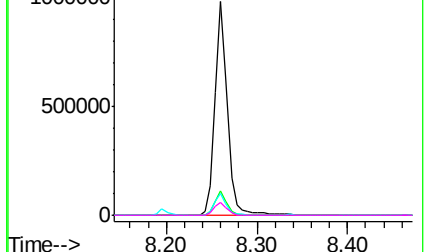
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 38.741 ng

RT: 7.38 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF107551.D

Acq: 21 Jul 2018 3:36

Tgt Ion:105 Resp: 858937

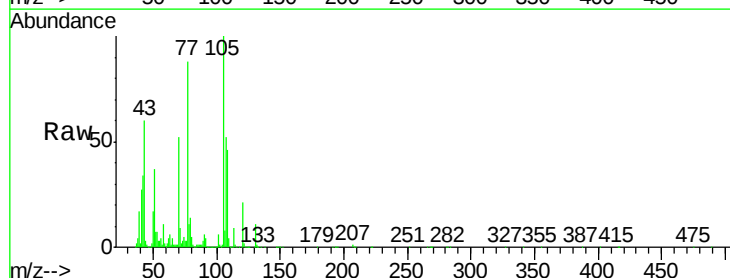
Ion Ratio Lower Upper

105 100

71 8.8 4.4 6.6#

51 37.0 22.3 33.5#

120 21.2 16.9 25.3

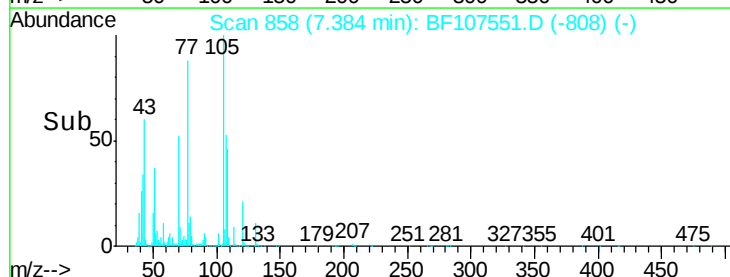


Abundance Ion 105.00 (104.70 to 105.70): E

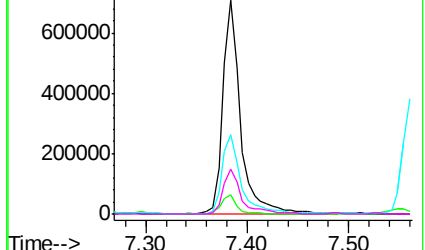
Ion 71.00 (70.70 to 71.70): BF1

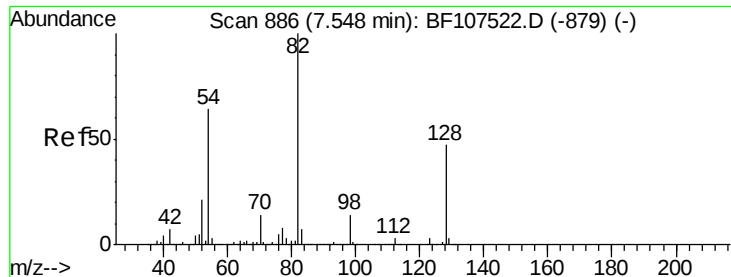
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

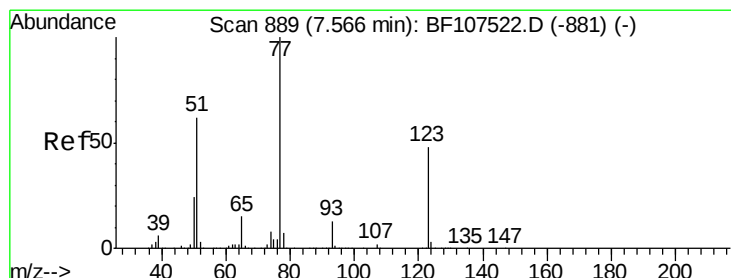
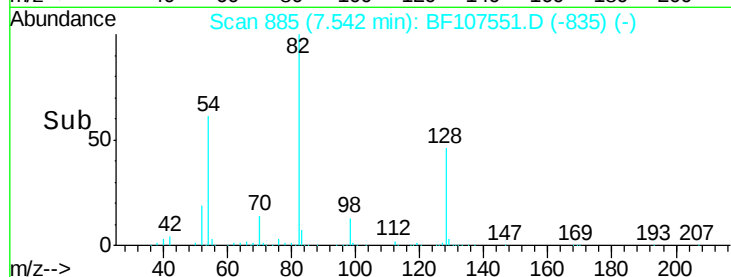
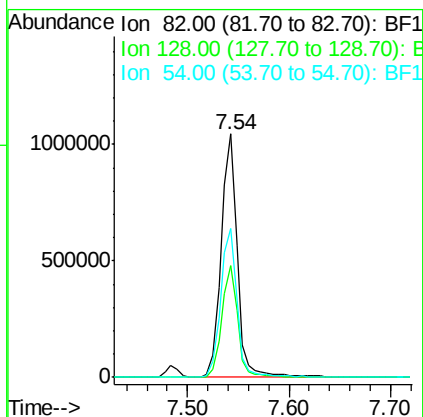
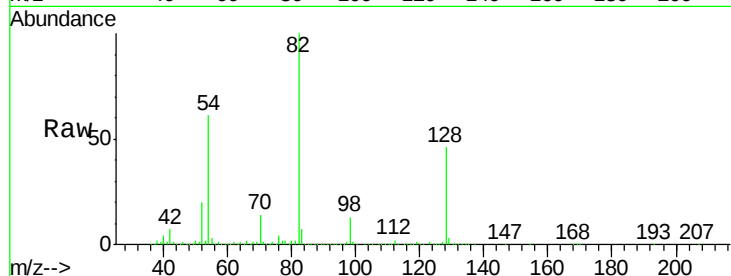




#23
 Nitrobenzene-d5
 Concen: 82.045 ng
 RT: 7.54 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF107551.D
 Acq: 21 Jul 2018 3:36

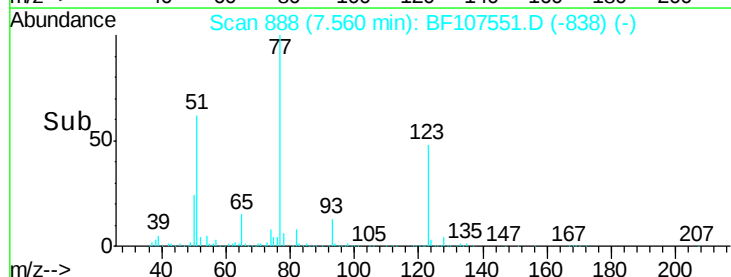
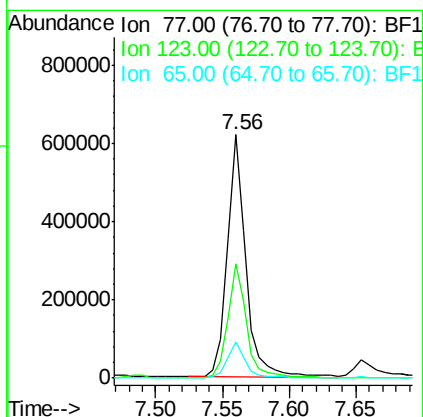
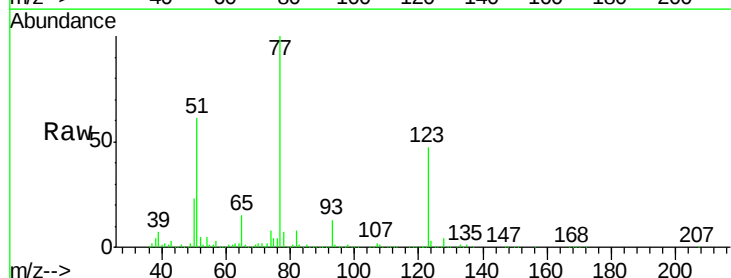
Instrument :
 BNA_F
 ClientSampleId :
 SB1-12-0MSD

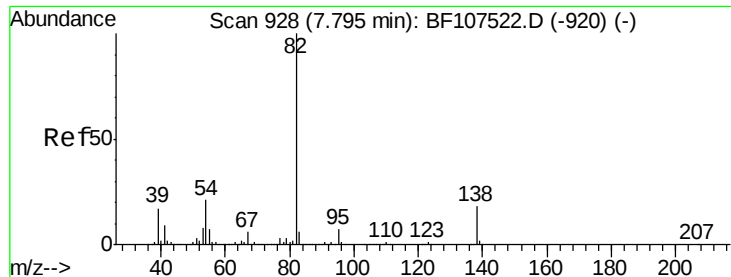
Tgt Ion: 82 Resp: 1147692
 Ion Ratio Lower Upper
 82 100
 128 45.7 36.1 54.1
 54 61.3 41.4 62.2



#24
 Nitrobenzene
 Concen: 38.229 ng
 RT: 7.56 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF107551.D
 Acq: 21 Jul 2018 3:36

Tgt Ion: 77 Resp: 612507
 Ion Ratio Lower Upper
 77 100
 123 47.1 37.9 56.9
 65 14.8 11.0 16.4





#25

Isophorone

Concen: 35.235 ng

RT: 7.80 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF107551.D

Acq: 21 Jul 2018 3:36

Instrument :

BNA_F

ClientSampleId :

SB1-12-0MSD

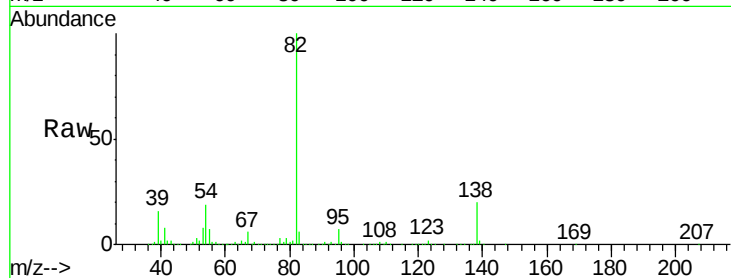
Tgt Ion: 82 Resp: 1052400

Ion Ratio Lower Upper

82 100

95 7.4 5.2 7.8

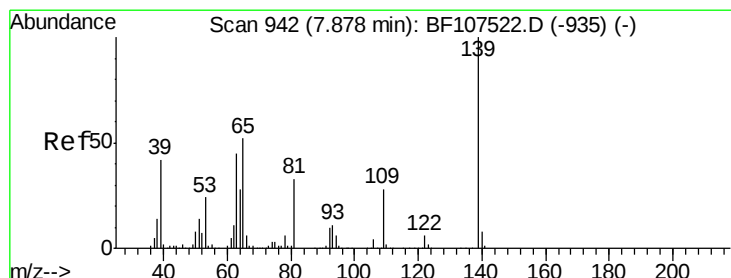
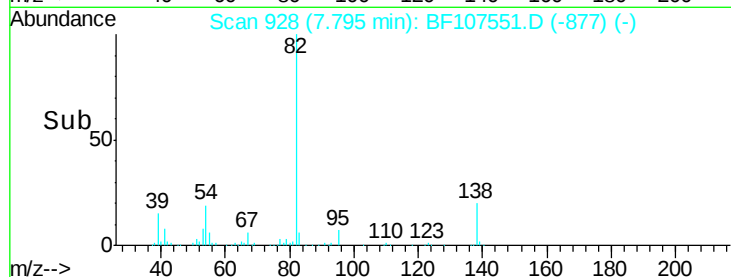
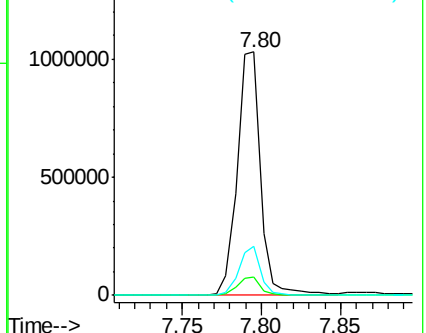
138 20.1 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 38.766 ng

RT: 7.88 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF107551.D

Acq: 21 Jul 2018 3:36

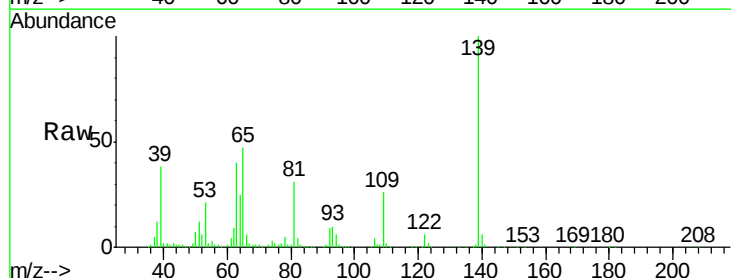
Tgt Ion: 139 Resp: 262289

Ion Ratio Lower Upper

139 100

109 26.0 22.7 34.1

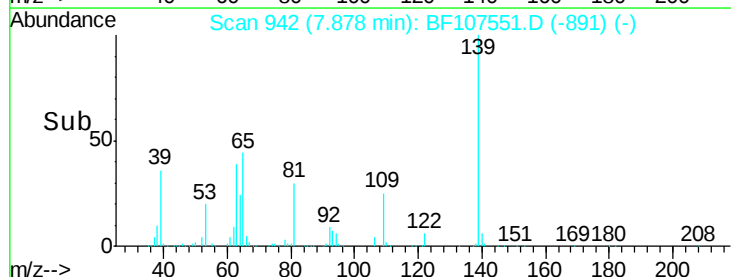
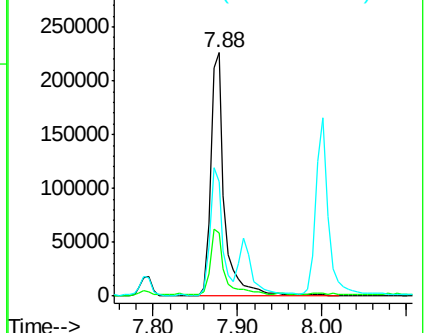
65 47.1 40.5 60.7

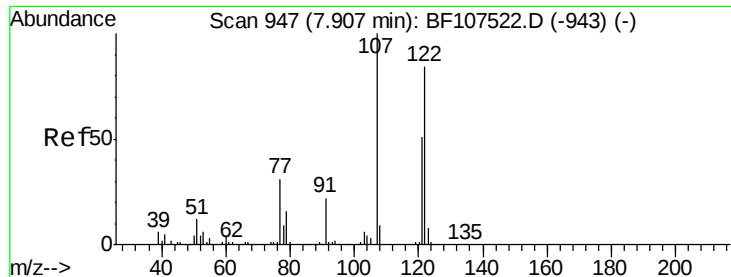


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

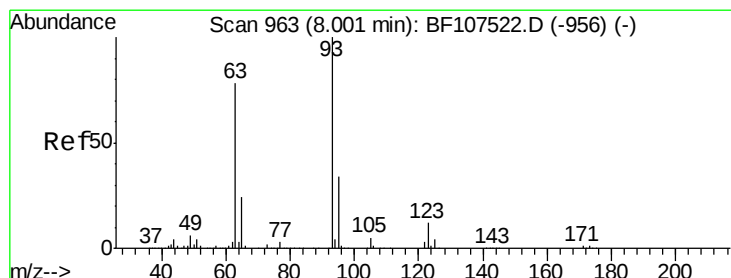
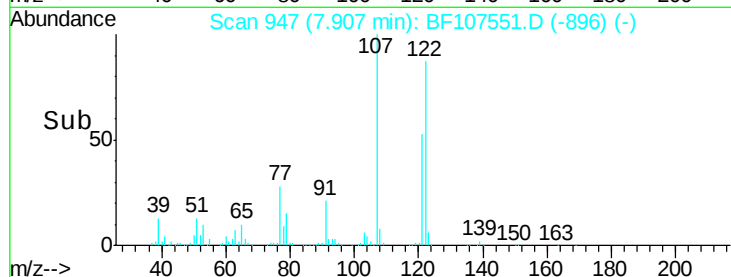
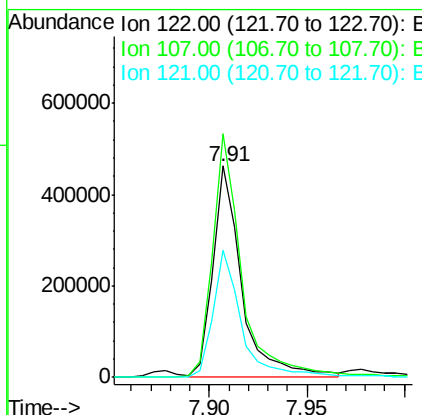
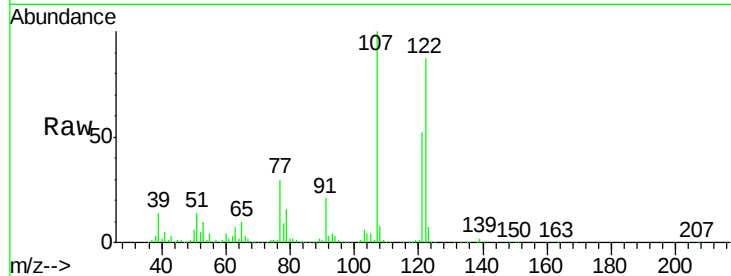




#27
 2,4-Dimethylphenol
 Concen: 36.984 ng
 RT: 7.91 min Scan# 947
 Delta R.T. 0.00 min
 Lab File: BF107551.D
 Acq: 21 Jul 2018 3:36

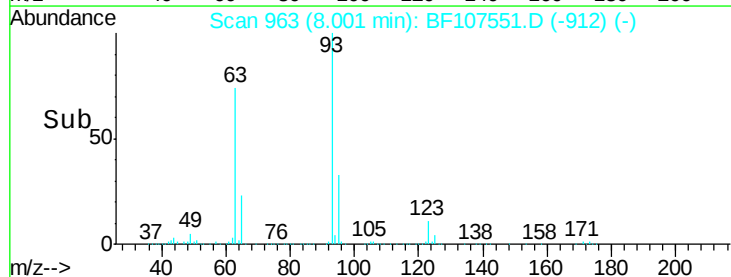
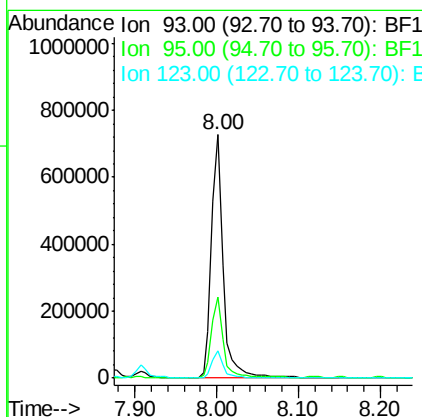
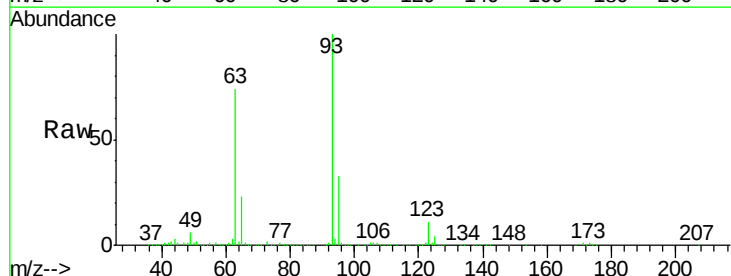
Instrument :
 BNA_F
 ClientSampleId :
 SB1-12-0MSD

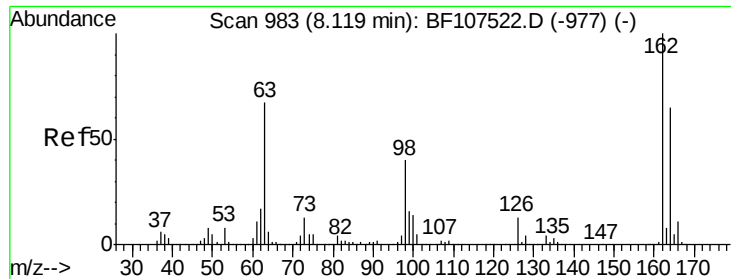
Tgt Ion:122 Resp: 473671
 Ion Ratio Lower Upper
 122 100
 107 115.2 91.2 136.8
 121 60.3 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.306 ng
 RT: 8.00 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF107551.D
 Acq: 21 Jul 2018 3:36

Tgt Ion: 93 Resp: 724694
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.3 39.5
 123 11.3 9.8 14.6

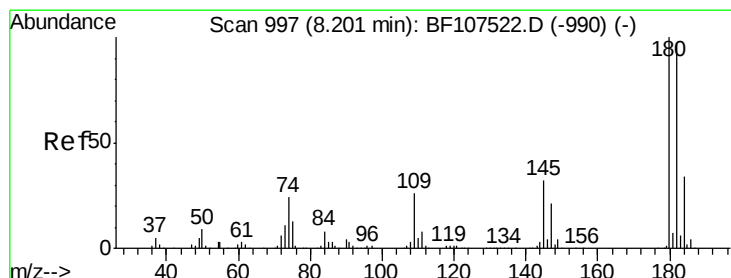
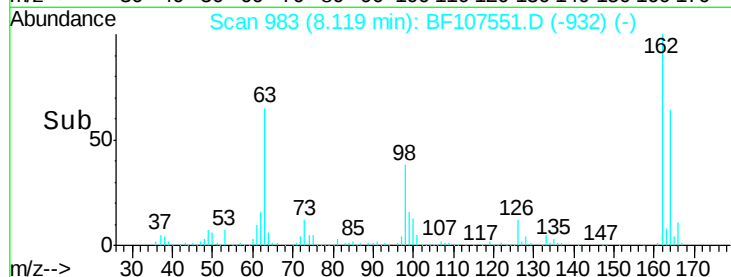
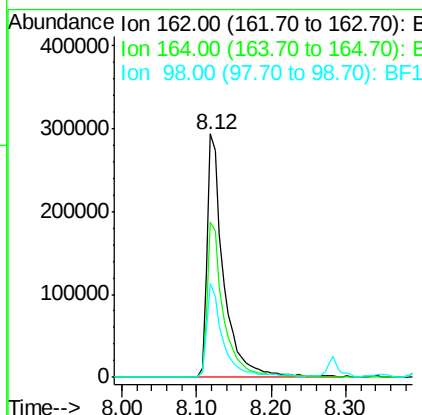
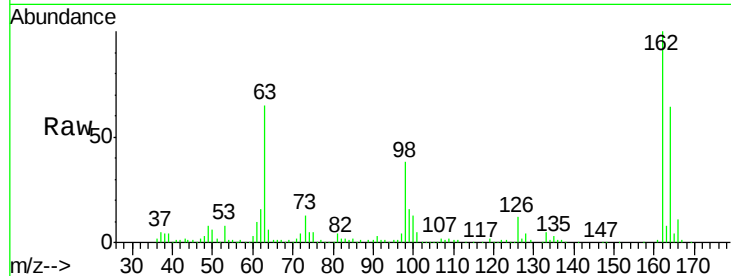




#29
 2,4-Dichlorophenol
 Concen: 34.429 ng
 RT: 8.12 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: BF107551.D
 Acq: 21 Jul 2018 3:36

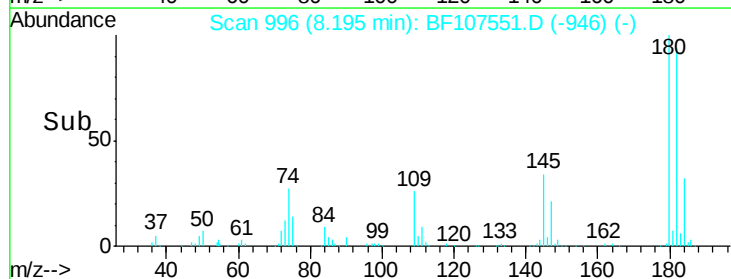
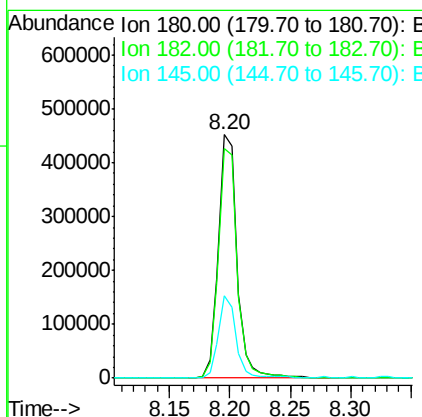
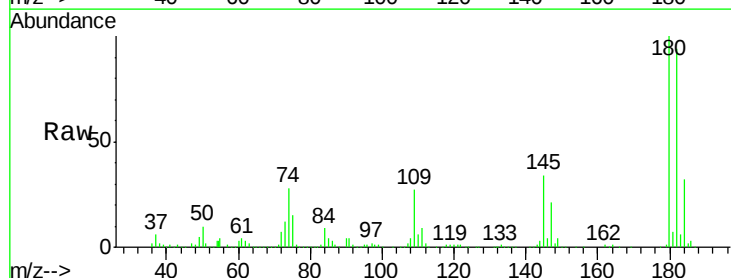
Instrument :
 BNA_F
 ClientSampleId :
 SB1-12-0MSD

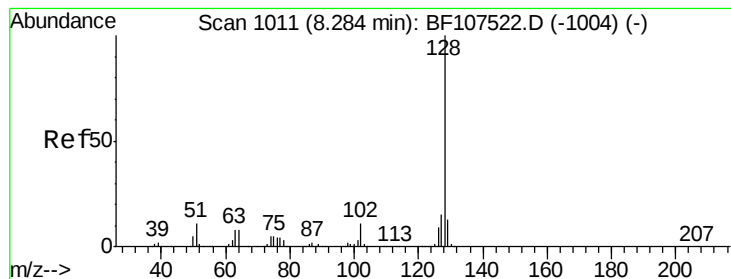
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.0	42.7	82.7
98	38.4	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 32.736 ng
 RT: 8.20 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BF107551.D
 Acq: 21 Jul 2018 3:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.8	115.2
145	33.6	26.5	39.7





#31

Naphthalene

Concen: 38.541 ng

RT: 8.28 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF107551.D

Acq: 21 Jul 2018 3:36

Instrument :

BNA_F

ClientSampleId :

SB1-12-0MSD

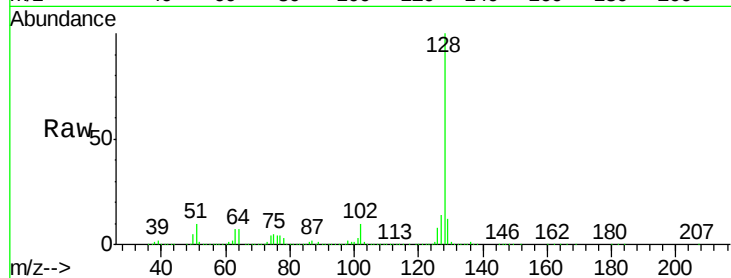
Tgt Ion:128 Resp: 1599998

Ion Ratio Lower Upper

128 100

129 11.9 8.8 13.2

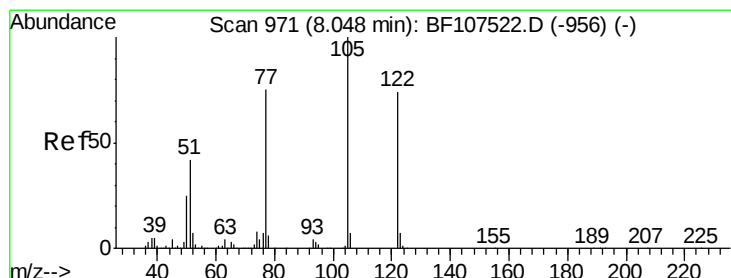
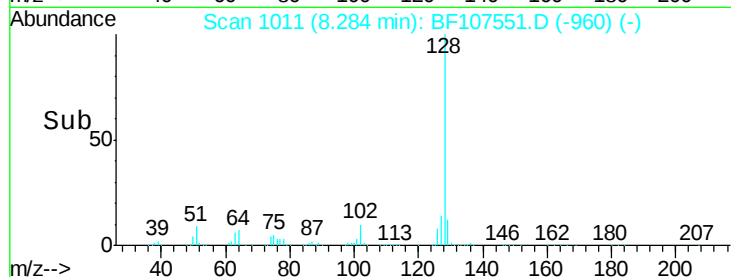
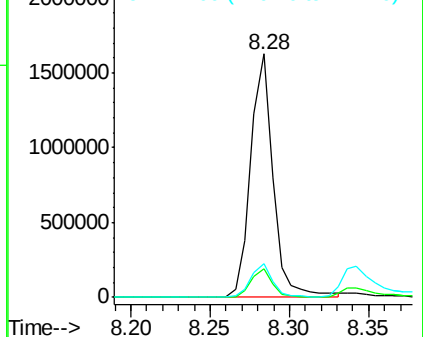
127 14.0 10.9 16.3



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: 11.418 ng

RT: 7.98 min Scan# 959

Delta R.T. -0.07 min

Lab File: BF107551.D

Acq: 21 Jul 2018 3:36

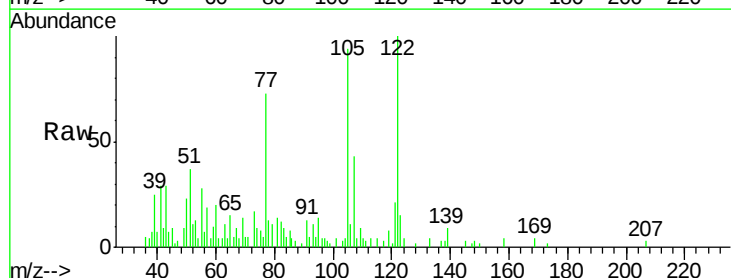
Tgt Ion:122 Resp: 37656

Ion Ratio Lower Upper

122 100

105 93.7 101.1 141.1#

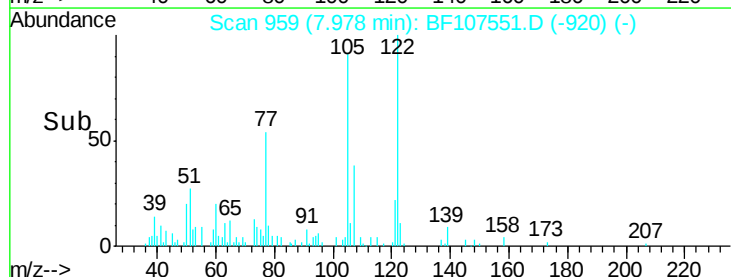
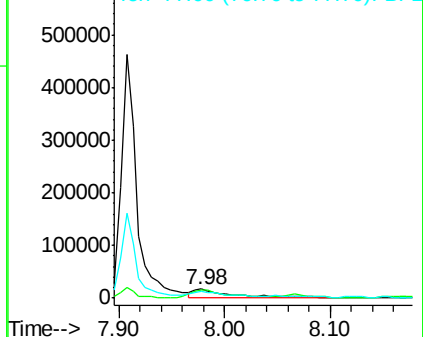
77 72.7 70.7 110.7

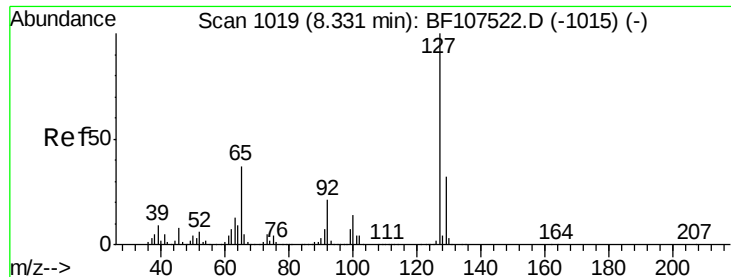


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

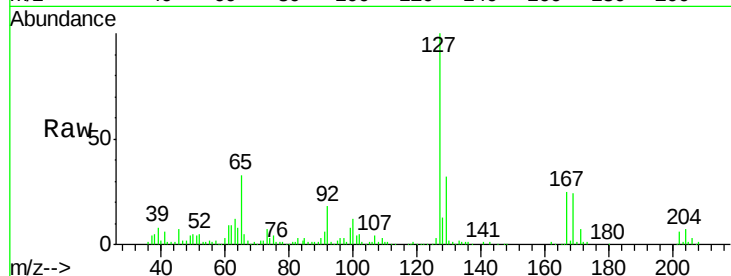




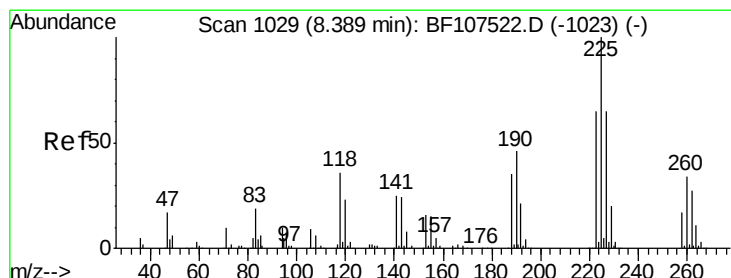
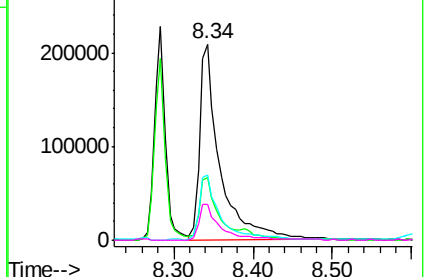
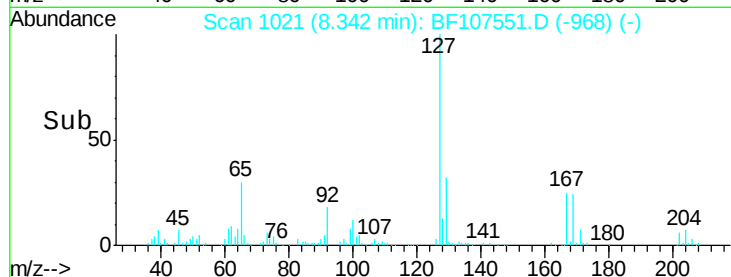
#33
4-Chloroaniline
Concen: 20.536 ng
RT: 8.34 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF107551.D
Acq: 21 Jul 2018 3:36

Instrument :
BNA_F
ClientSampleId :
SB1-12-0MSD

Tgt Ion:	127	Resp:	372627
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	33.3	25.0	37.4
92	18.0	15.2	22.8

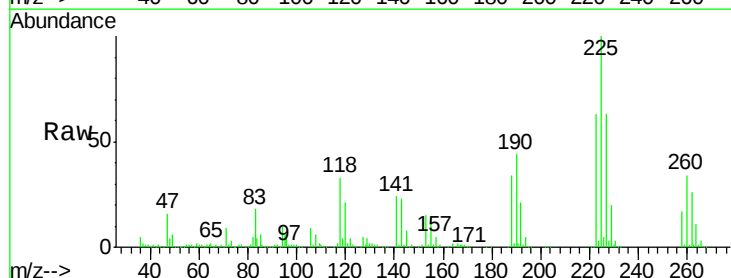


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

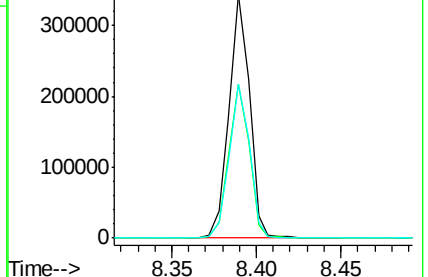
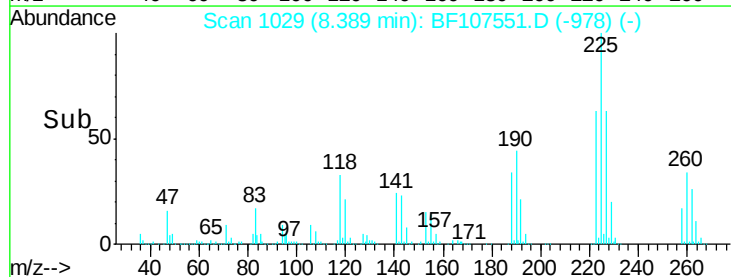


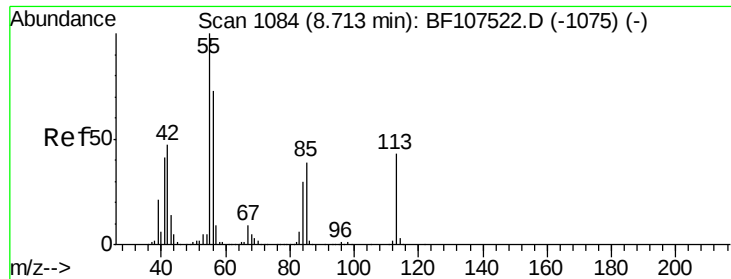
#34
Hexachlorobutadiene
Concen: 33.163 ng
RT: 8.39 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF107551.D
Acq: 21 Jul 2018 3:36

Tgt Ion:	225	Resp:	289727
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	63.4	51.9	77.9



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

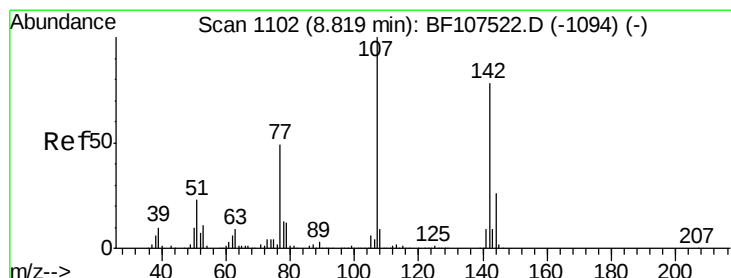
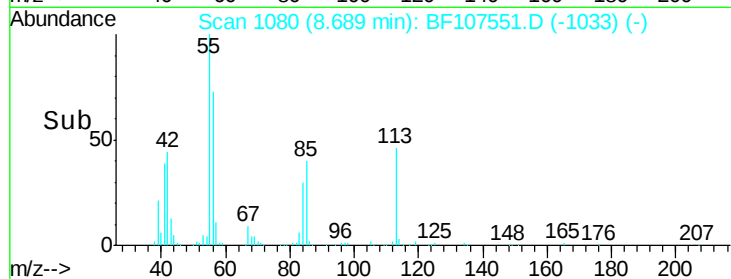
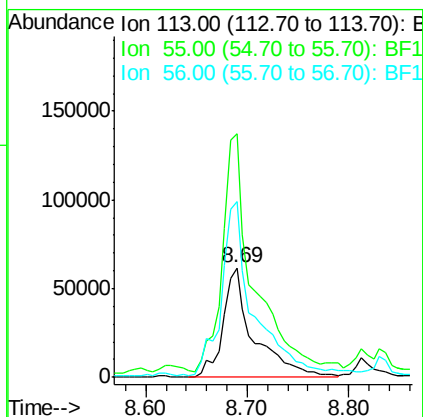
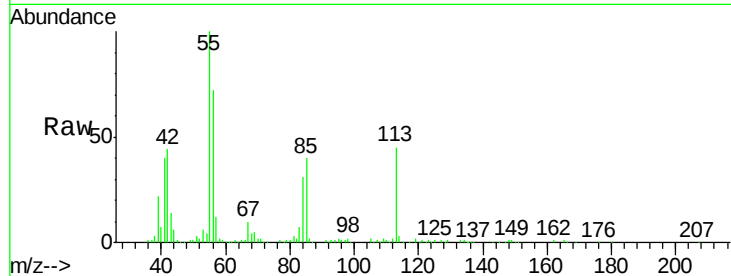




#35
 Caprolactam
 Concen: 30.945 ng
 RT: 8.69 min Scan# 1080
 Delta R.T. -0.02 min
 Lab File: BF107551.D
 Acq: 21 Jul 2018 3:36

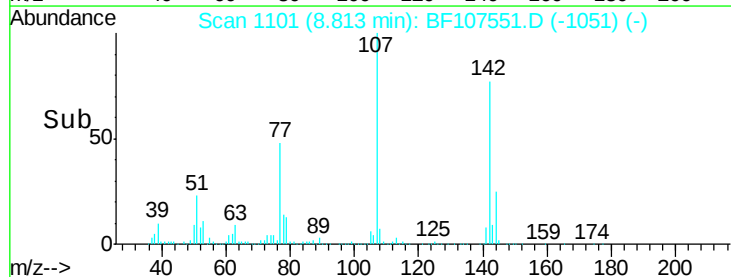
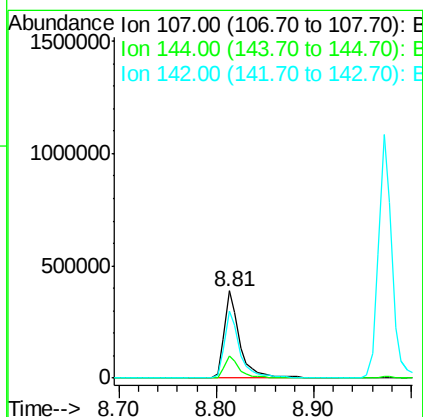
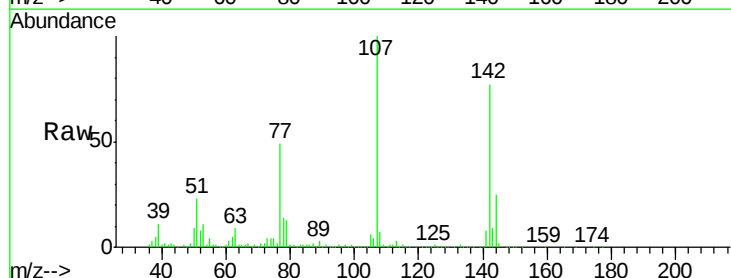
Instrument :
 BNA_F
 ClientSampleId :
 SB1-12-0MSD

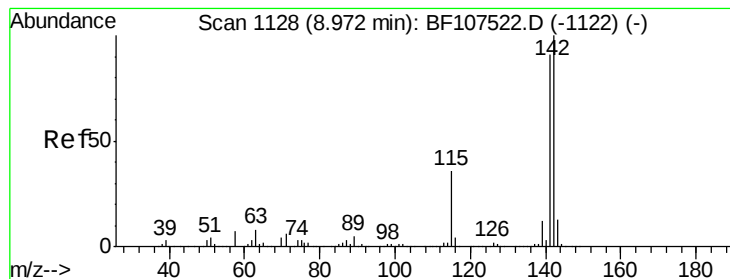
Tgt Ion:113 Resp: 131757
 Ion Ratio Lower Upper
 113 100
 55 221.9 163.3 203.3#
 56 160.7 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 29.399 ng
 RT: 8.81 min Scan# 1101
 Delta R.T. -0.01 min
 Lab File: BF107551.D
 Acq: 21 Jul 2018 3:36

Tgt Ion:107 Resp: 427493
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.5 30.7
 142 76.8 62.0 93.0





#37

2-Methylnaphthalene

Concen: 36.113 ng

RT: 8.97 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF107551.D

Acq: 21 Jul 2018 3:36

Instrument :

BNA_F

ClientSampleId :

SB1-12-0MSD

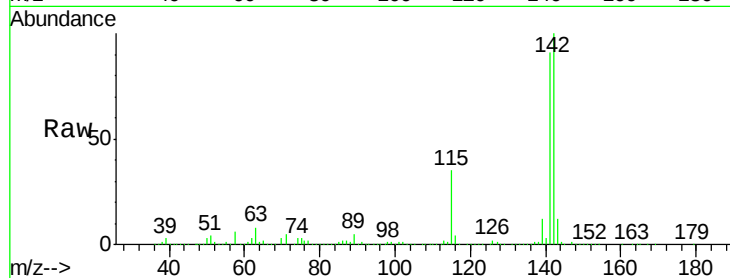
Tgt Ion:142 Resp: 1038902

Ion Ratio Lower Upper

142 100

141 90.8 70.8 106.2

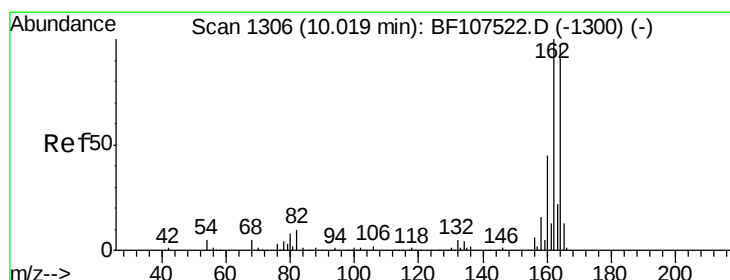
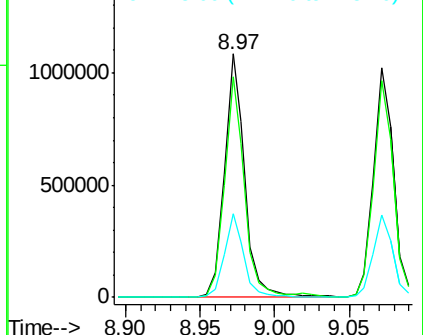
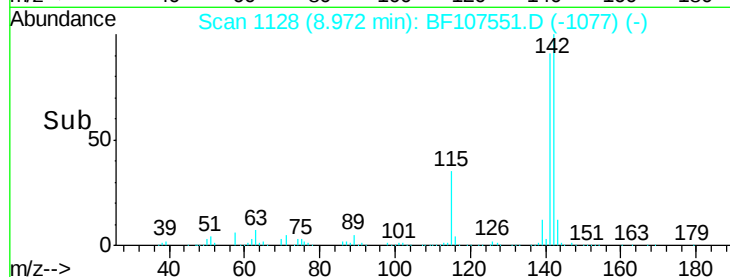
115 34.6 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BF107551.D

Acq: 21 Jul 2018 3:36

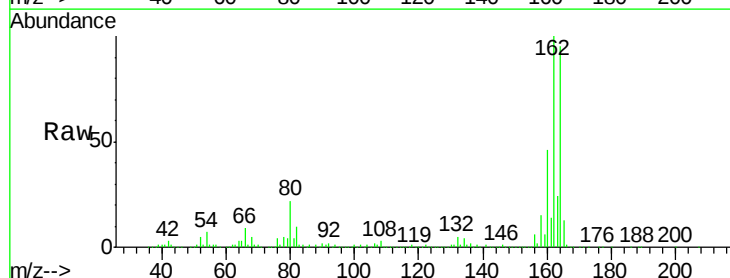
Tgt Ion:164 Resp: 335606

Ion Ratio Lower Upper

164 100

162 105.3 86.1 129.1

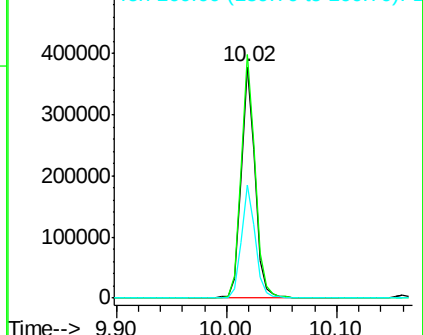
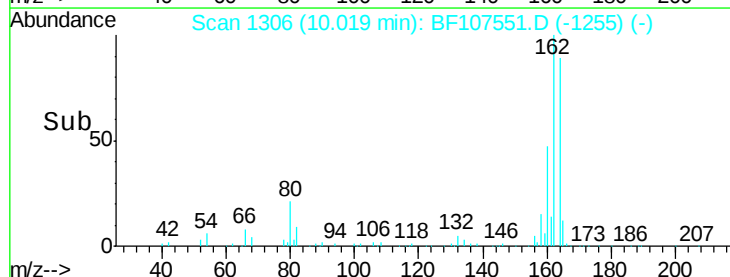
160 49.0 38.3 57.5

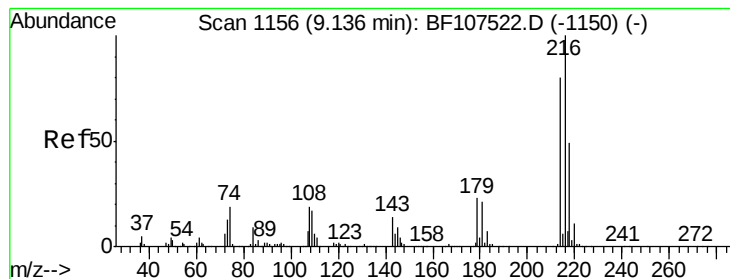


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.261 ng

RT: 9.14 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF107551.D

Acq: 21 Jul 2018 3:36

Instrument :

BNA_F

ClientSampleId :

SB1-12-0MSD

Tgt Ion:216 Resp: 428290

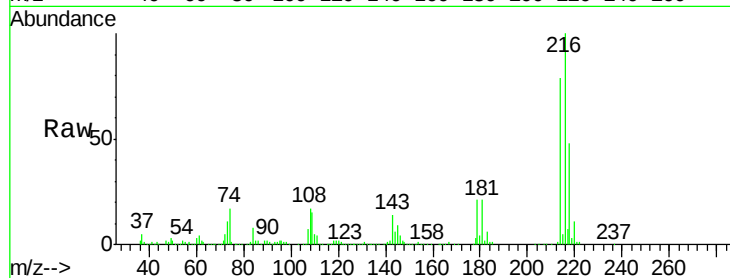
Ion Ratio Lower Upper

216 100

214 78.6 63.0 94.4

179 20.9 18.1 27.1

108 17.4 17.2 25.8

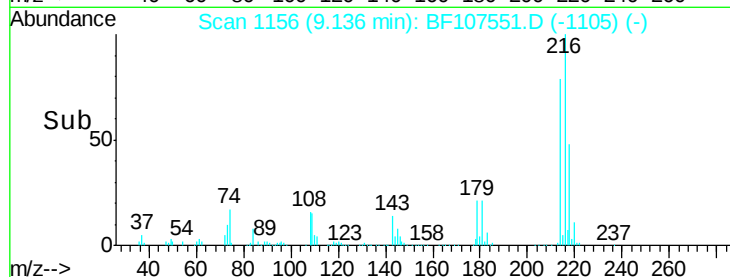


Abundance Ion 216.00 (215.70 to 216.70): E

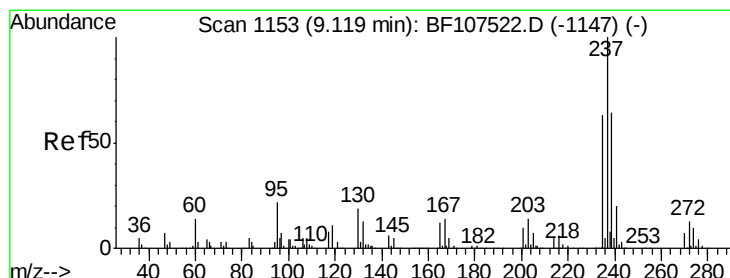
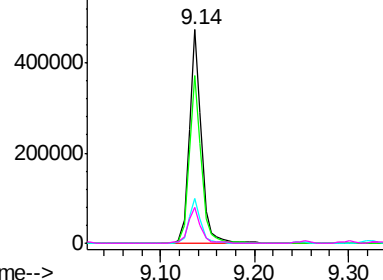
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 8.799 ng

RT: 9.12 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF107551.D

Acq: 21 Jul 2018 3:36

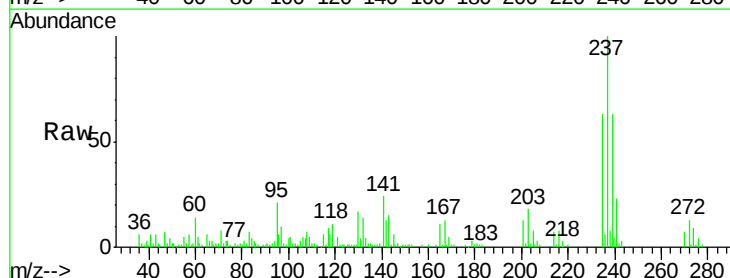
Tgt Ion:237 Resp: 50071

Ion Ratio Lower Upper

237 100

235 63.0 44.8 84.8

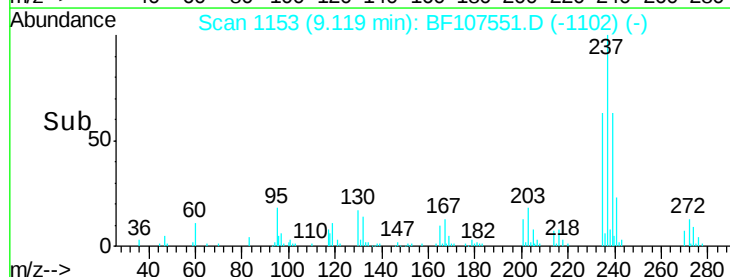
272 12.9 0.0 33.3



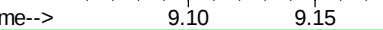
Abundance Ion 236.80 (236.50 to 237.50): E

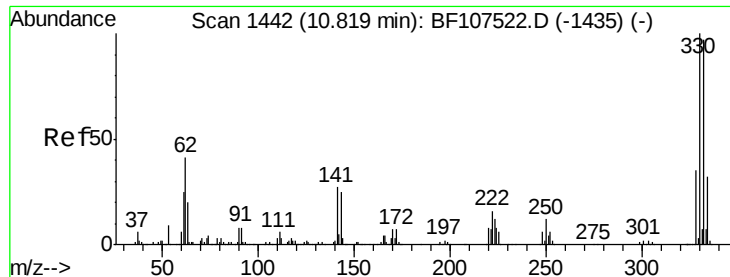
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

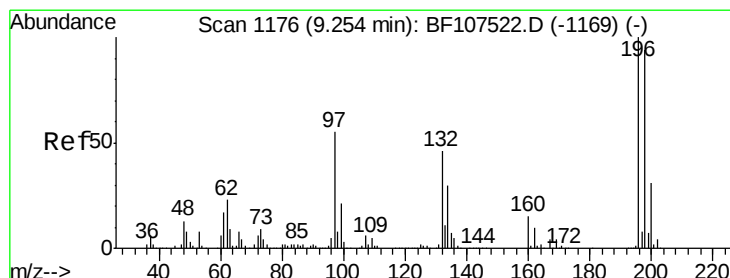
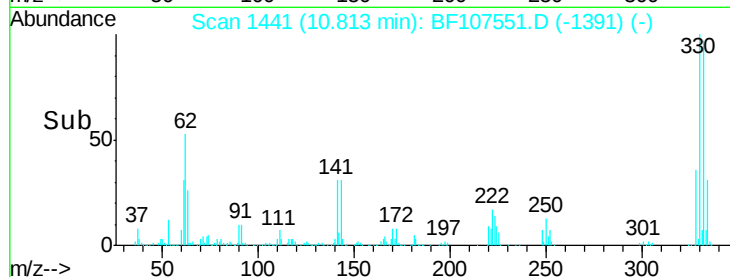
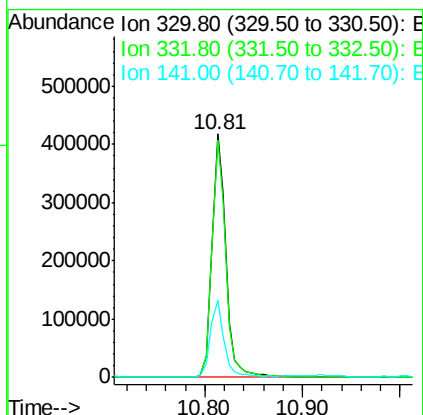
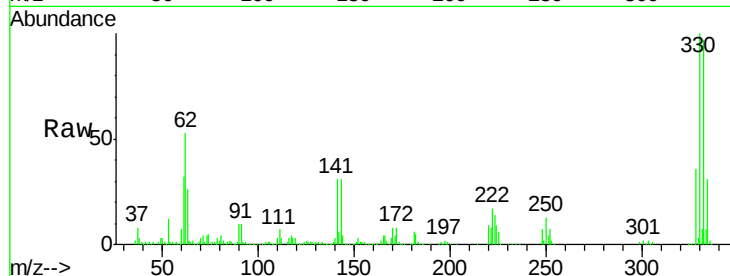




#41
 2,4,6-Tribromophenol
 Concen: 107.879 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF107551.D
 Acq: 21 Jul 2018 3:36

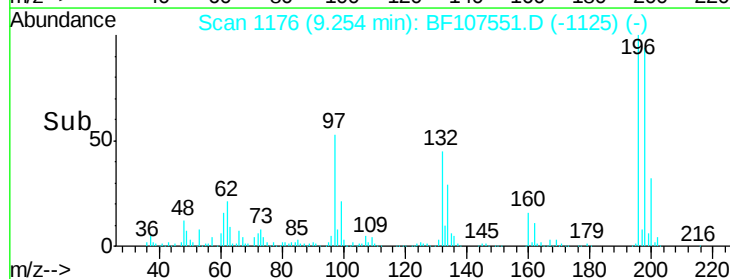
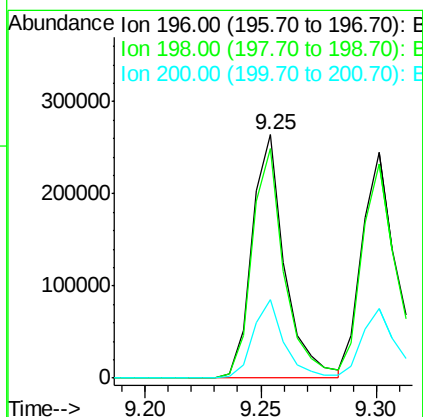
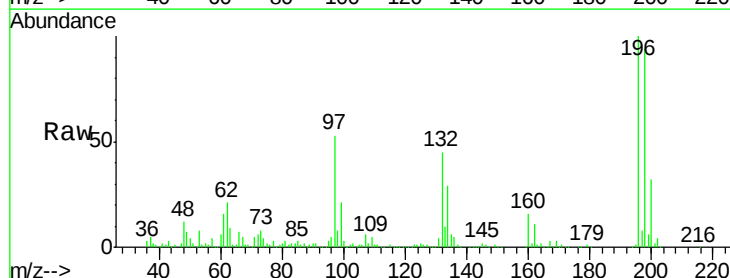
Instrument :
 BNA_F
 ClientSampleId :
 SB1-12-0MSD

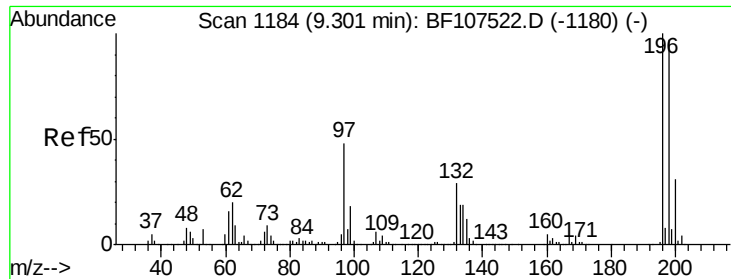
Tgt Ion:330 Resp: 411706
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 31.1 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 36.520 ng
 RT: 9.25 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF107551.D
 Acq: 21 Jul 2018 3:36

Tgt Ion:196 Resp: 261667
 Ion Ratio Lower Upper
 196 100
 198 94.4 75.7 113.5
 200 32.1 24.5 36.7

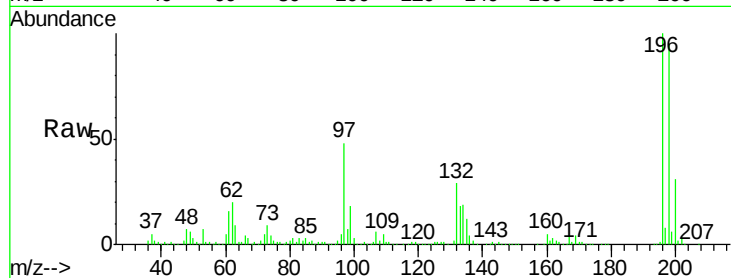




#43
 2,4,5-Trichlorophenol
 Concen: 36.465 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF107551.D
 Acq: 21 Jul 2018 3:36

Instrument :
 BNA_F
 ClientSampleId :
 SB1-12-0MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.0	74.6	112.0
97	47.5	42.9	64.3
132	28.8	26.3	39.5



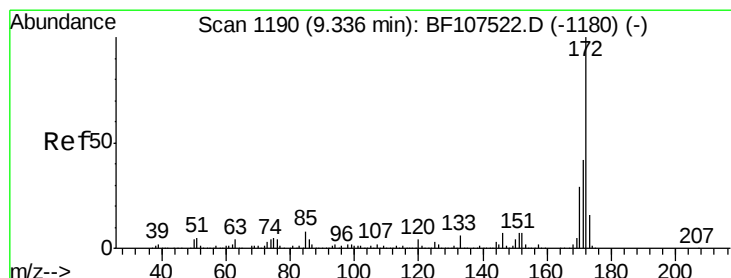
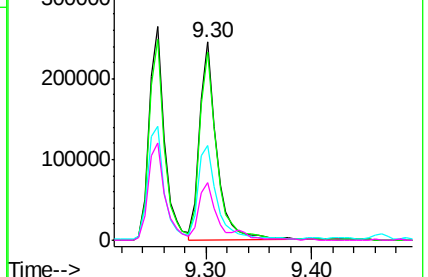
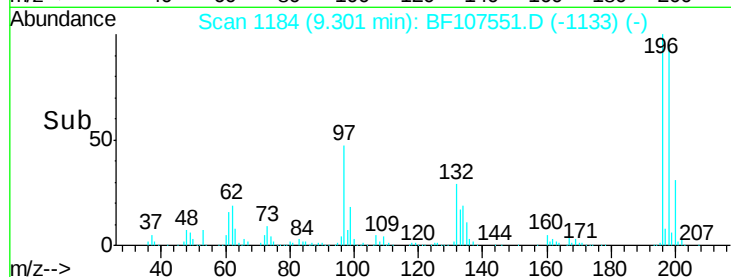
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

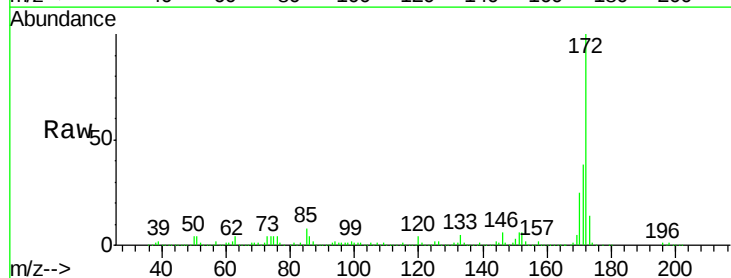
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.945 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF107551.D
 Acq: 21 Jul 2018 3:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.7	44.5
170	24.9	19.6	29.4

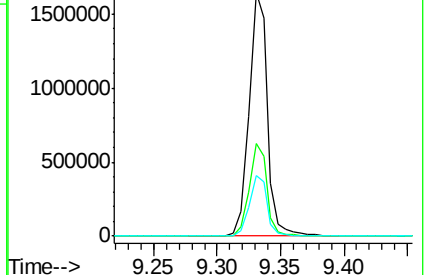
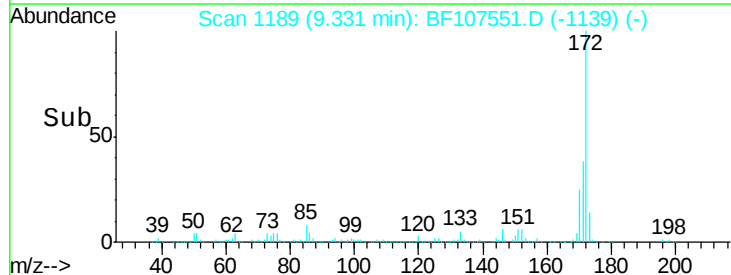


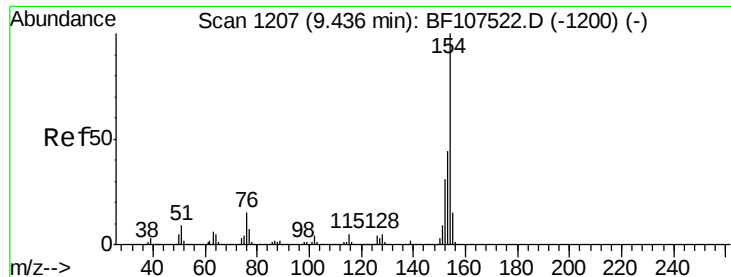
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

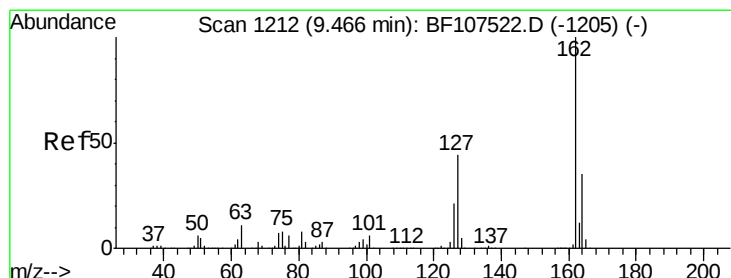
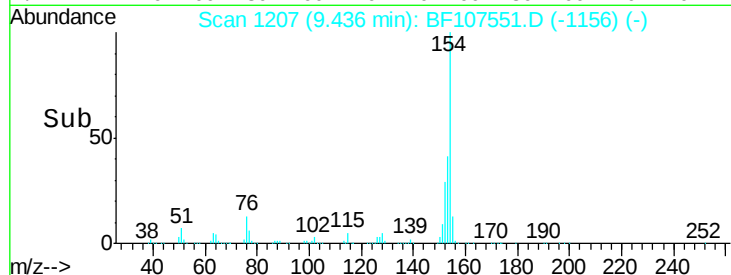
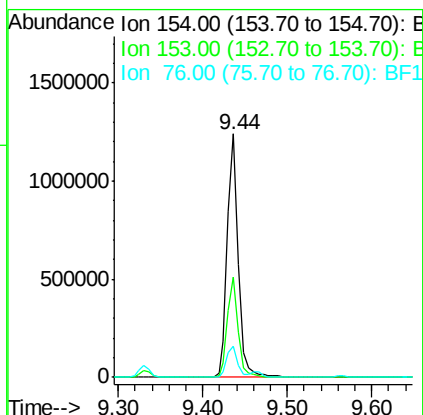
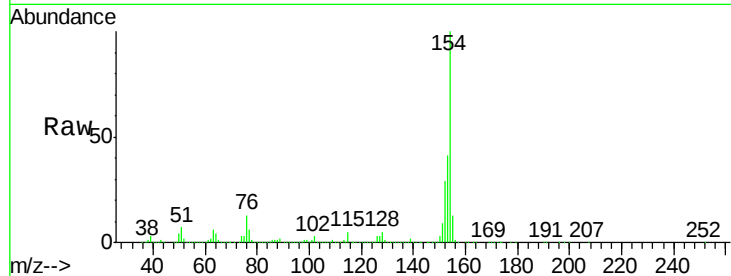




#45
 1,1'-Biphenyl
 Concen: 37.970 ng
 RT: 9.44 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF107551.D
 Acq: 21 Jul 2018 3:36

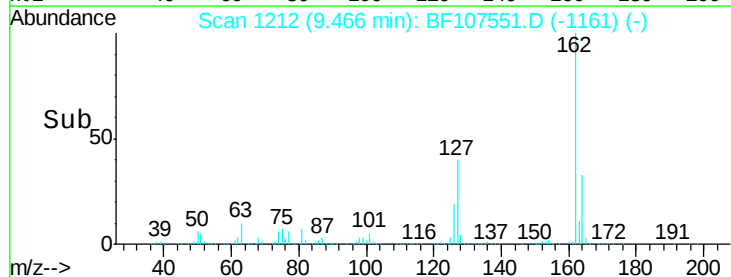
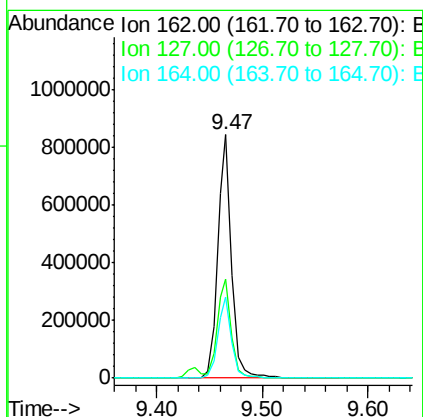
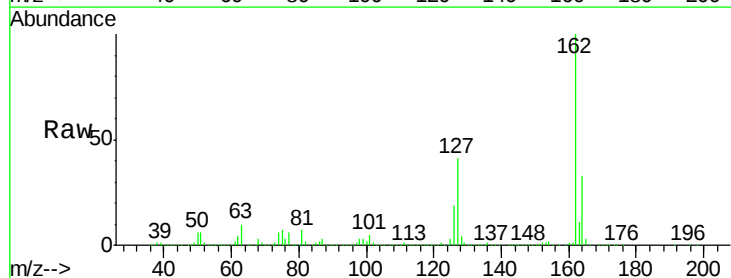
Instrument :
 BNA_F
 ClientSampleId :
 SB1-12-0MSD

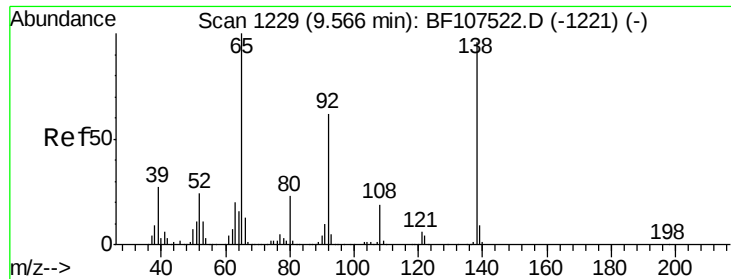
Tgt Ion:154 Resp: 1110054
 Ion Ratio Lower Upper
 154 100
 153 41.3 21.3 61.3
 76 12.9 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 35.091 ng
 RT: 9.47 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF107551.D
 Acq: 21 Jul 2018 3:36

Tgt Ion:162 Resp: 784155
 Ion Ratio Lower Upper
 162 100
 127 40.5 33.9 50.9
 164 33.1 26.5 39.7

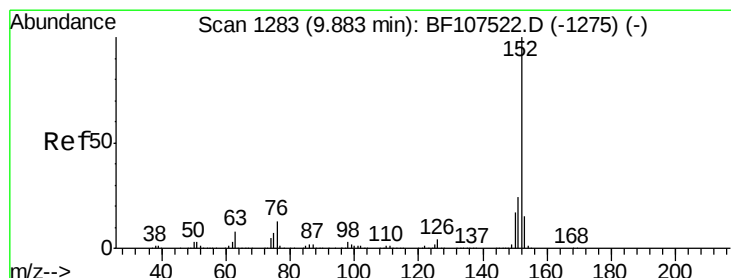
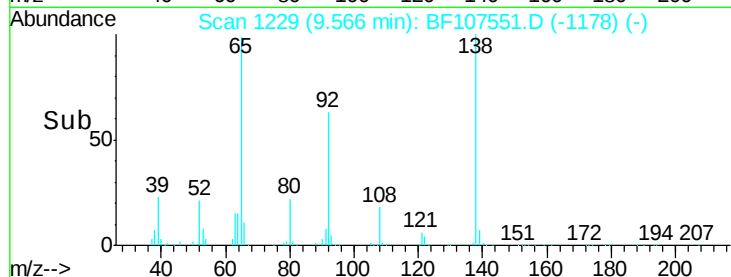
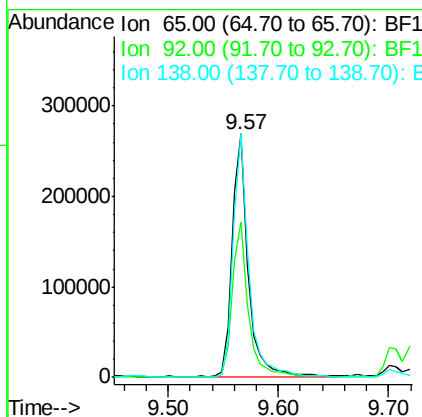
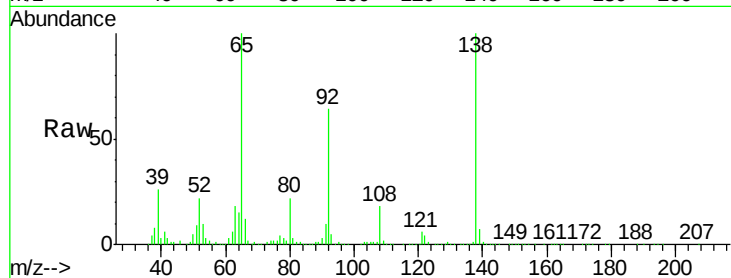




#47
2-Nitroaniline
Concen: 42.225 ng
RT: 9.57 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF107551.D
Acq: 21 Jul 2018 3:36

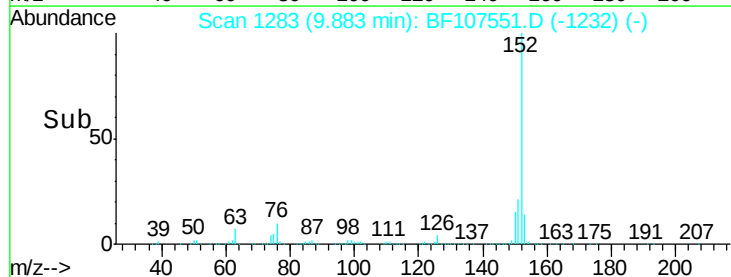
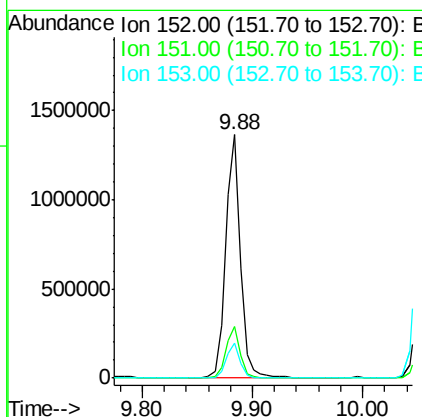
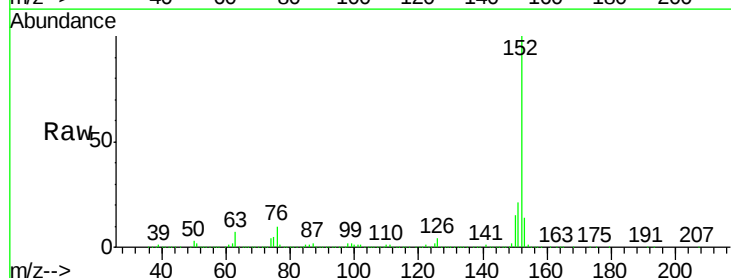
Instrument :
BNA_F
ClientSampleId :
SB1-12-0MSD

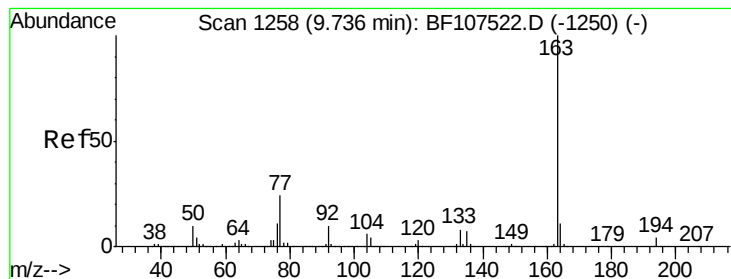
Tgt Ion: 65 Resp: 275087
Ion Ratio Lower Upper
65 100
92 64.0 55.8 83.6
138 100.1 91.2 136.8



#48
Acenaphthylene
Concen: 37.936 ng
RT: 9.88 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BF107551.D
Acq: 21 Jul 2018 3:36

Tgt Ion: 152 Resp: 1273464
Ion Ratio Lower Upper
152 100
151 21.1 16.3 24.5
153 14.2 10.7 16.1





#49

Dimethylphthalate

Concen: 49.671 ng

RT: 9.73 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF107551.D

Acq: 21 Jul 2018 3:36

Instrument :

BNA_F

ClientSampleId :

SB1-12-0MSD

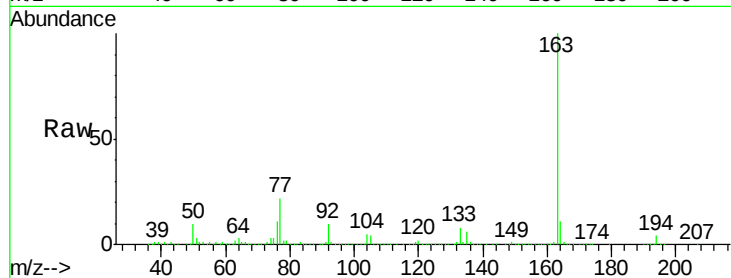
Tgt Ion:163 Resp: 1256345

Ion Ratio Lower Upper

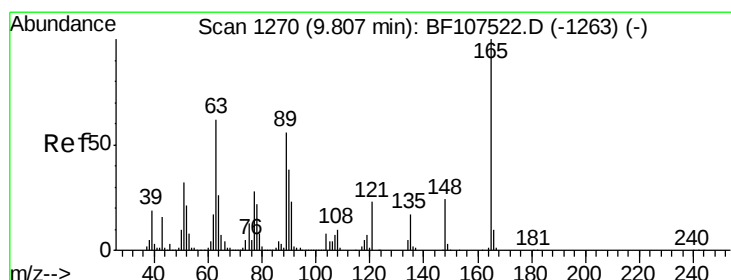
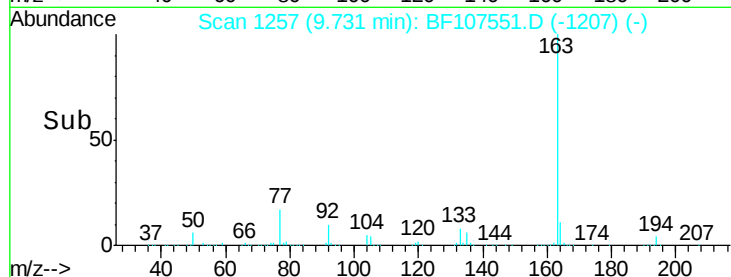
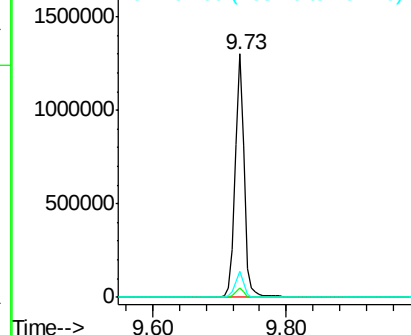
163 100

194 3.9 2.7 4.1

164 10.7 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 35.624 ng

RT: 9.80 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF107551.D

Acq: 21 Jul 2018 3:36

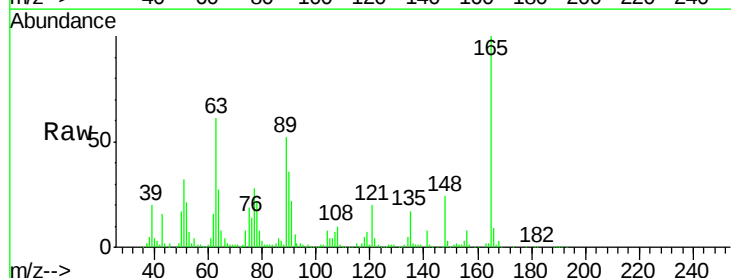
Tgt Ion:165 Resp: 178898

Ion Ratio Lower Upper

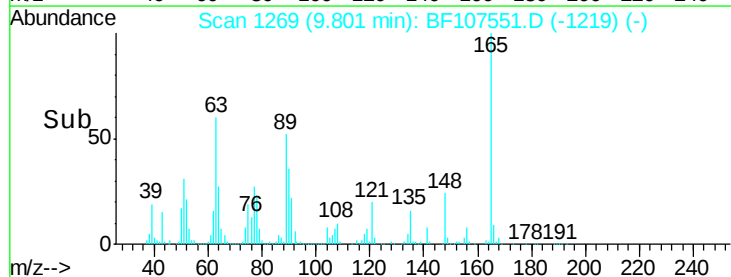
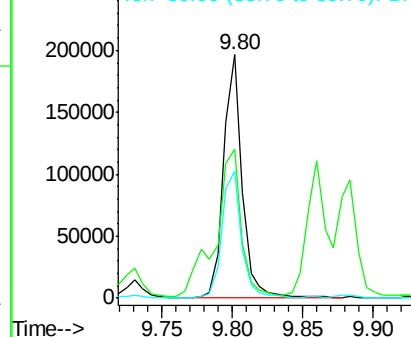
165 100

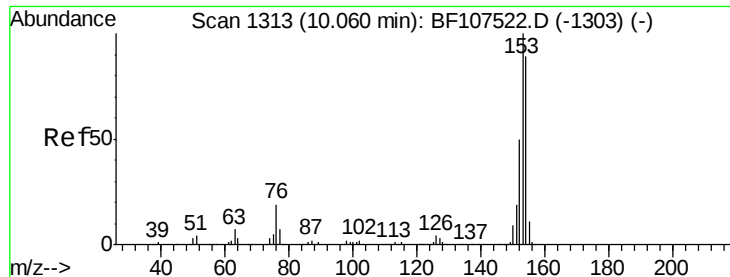
63 60.9 44.7 67.1

89 52.4 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: 34.322 ng

RT: 10.05 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF107551.D

Acq: 21 Jul 2018 3:36

Instrument :

BNA_F

ClientSampleId :

SB1-12-0MSD

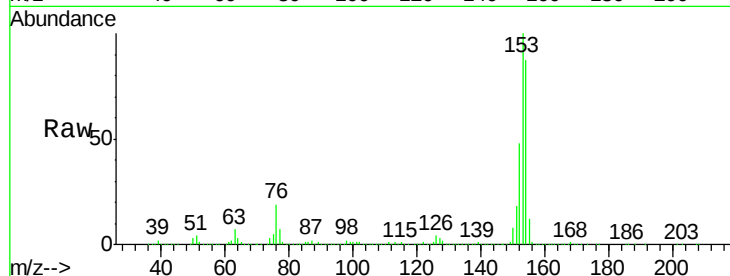
Tgt Ion:154 Resp: 721878

Ion Ratio Lower Upper

154 100

153 114.8 91.2 136.8

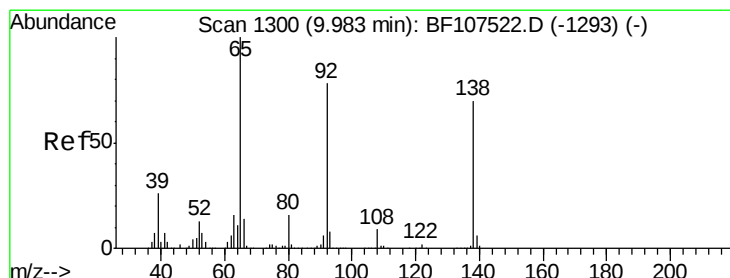
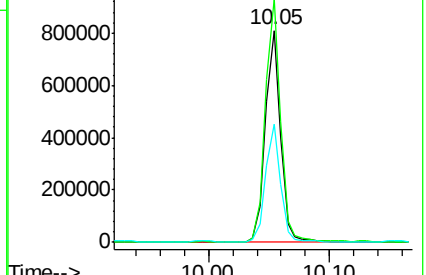
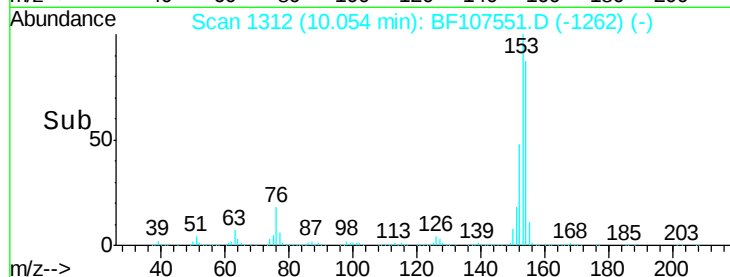
152 55.5 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 33.052 ng

RT: 9.98 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF107551.D

Acq: 21 Jul 2018 3:36

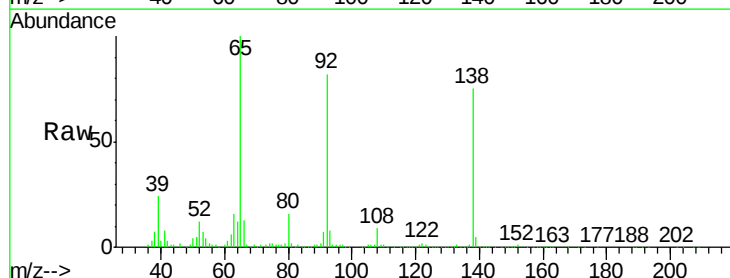
Tgt Ion:138 Resp: 201922

Ion Ratio Lower Upper

138 100

108 11.5 9.4 14.0

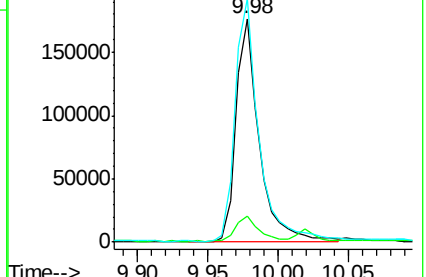
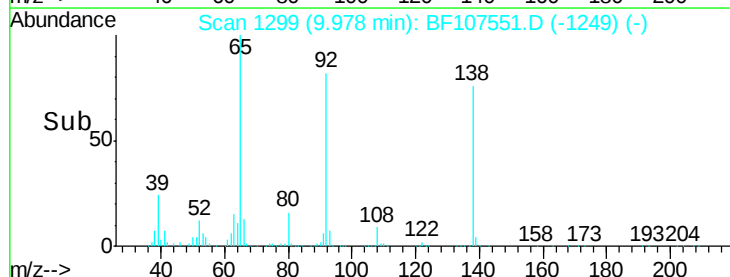
92 108.9 89.4 134.2

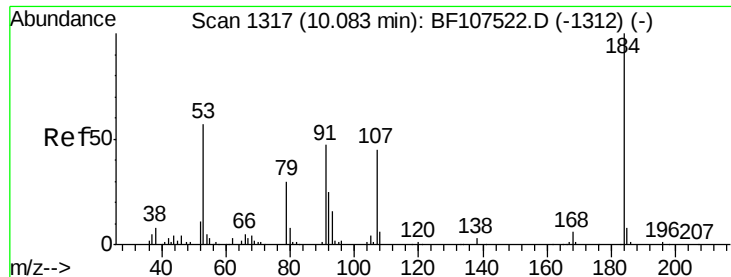


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

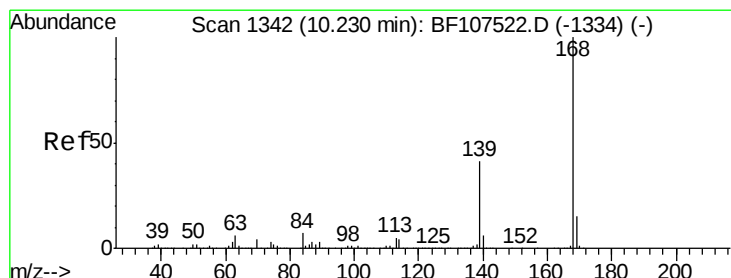
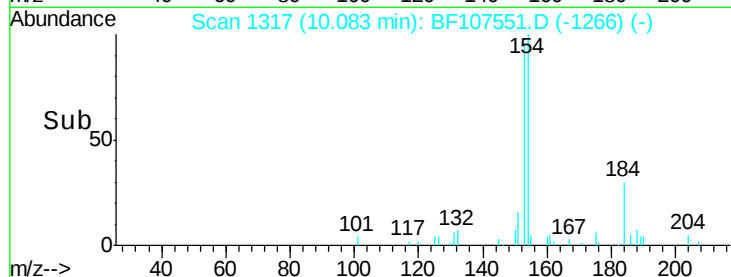
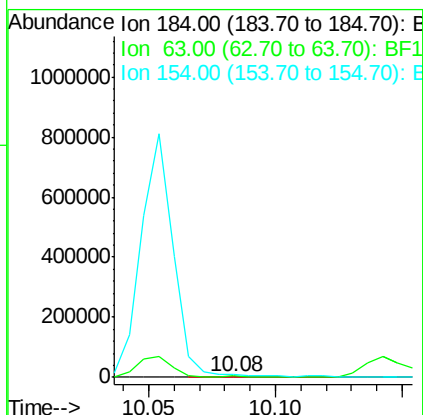
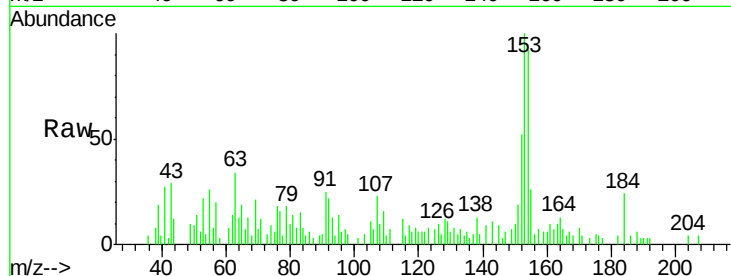




#53
2,4-Dinitrophenol
Concen: 10.069 ng
RT: 10.08 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF107551.D
Acq: 21 Jul 2018 3:36

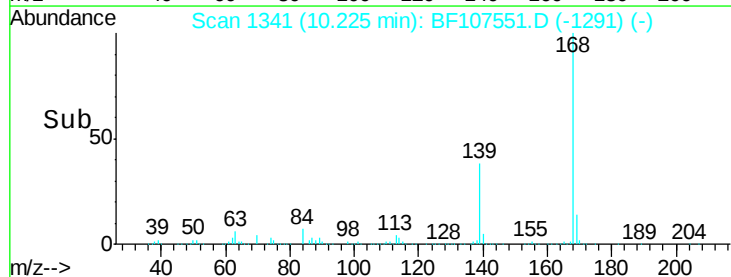
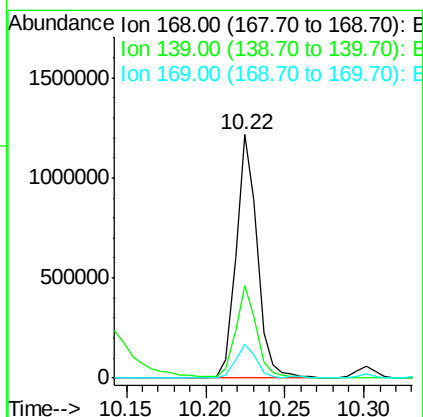
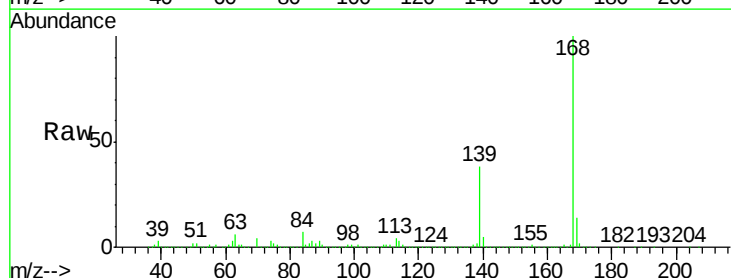
Instrument :
BNA_F
ClientSampleId :
SB1-12-0MSD

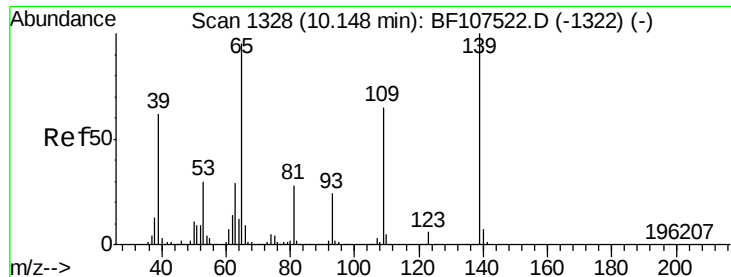
Tgt Ion:184 Resp: 3088
Ion Ratio Lower Upper
184 100
63 143.2 54.2 81.2#
154 383.2 184.0 276.0#



#54
Dibenzofuran
Concen: 36.144 ng
RT: 10.22 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF107551.D
Acq: 21 Jul 2018 3:36

Tgt Ion:168 Resp: 1119183
Ion Ratio Lower Upper
168 100
139 37.8 30.1 45.1
169 14.1 10.9 16.3

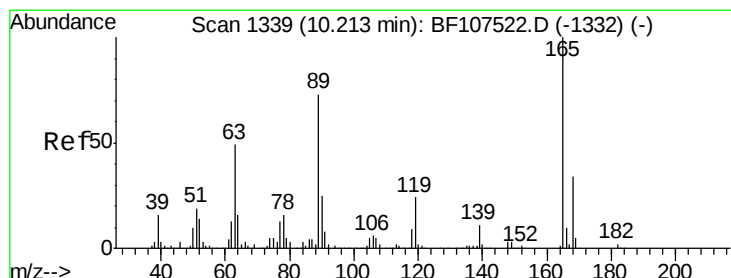
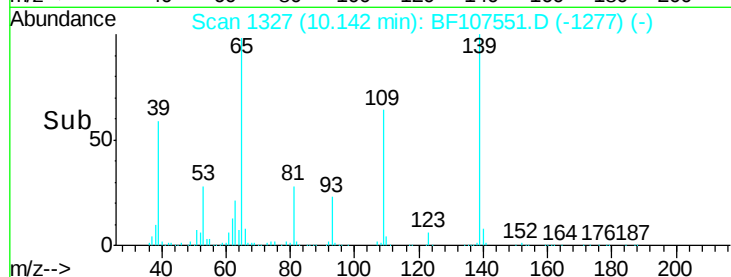
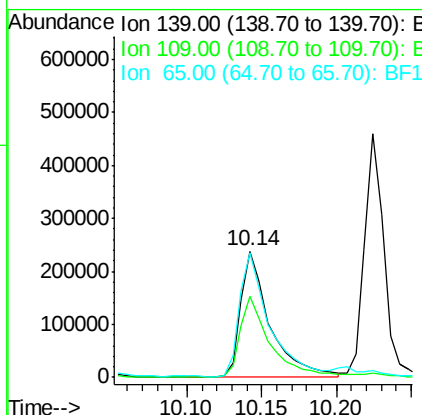
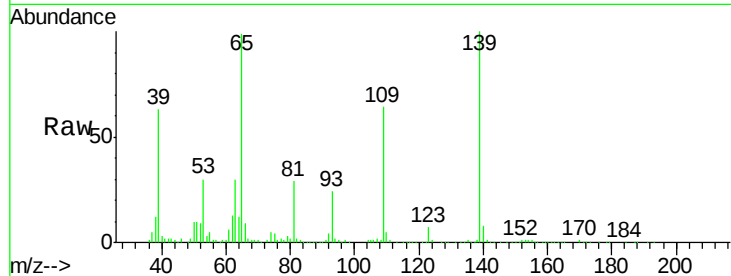




#55
4-Nitrophenol
Concen: 70.852 ng
RT: 10.14 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF107551.D
Acq: 21 Jul 2018 3:36

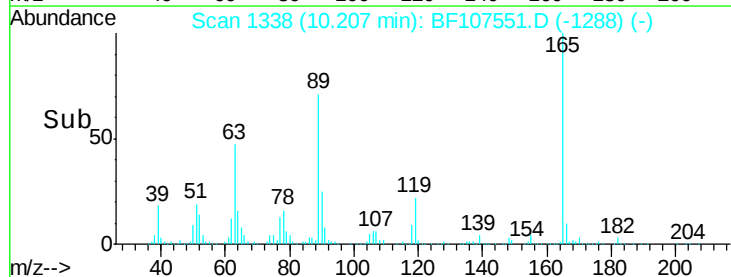
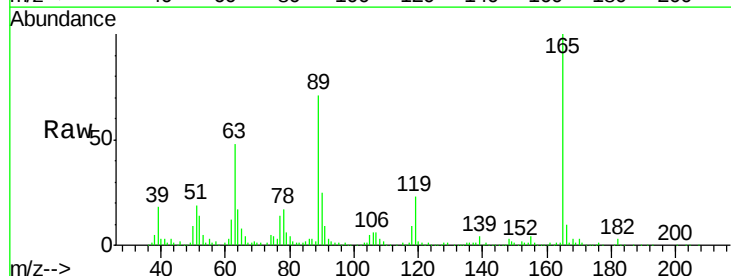
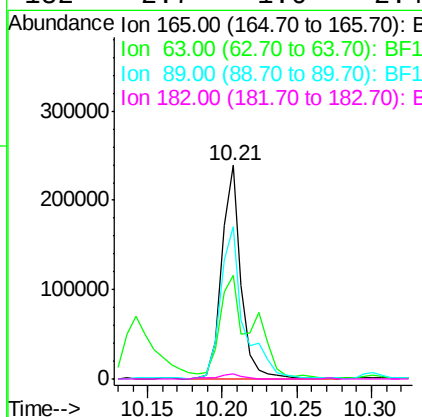
Instrument :
BNA_F
ClientSampleId :
SB1-12-0MSD

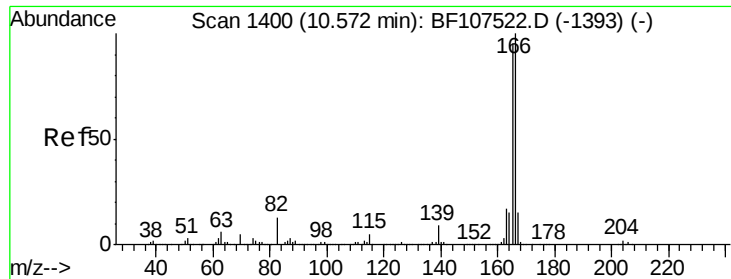
Tgt Ion:139 Resp: 324078
Ion Ratio Lower Upper
139 100
109 64.5 48.4 88.4
65 99.3 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 35.604 ng
RT: 10.21 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF107551.D
Acq: 21 Jul 2018 3:36

Tgt Ion:165 Resp: 215822
Ion Ratio Lower Upper
165 100
63 48.3 36.4 54.6
89 71.4 57.8 86.6
182 2.7 1.6 2.4#

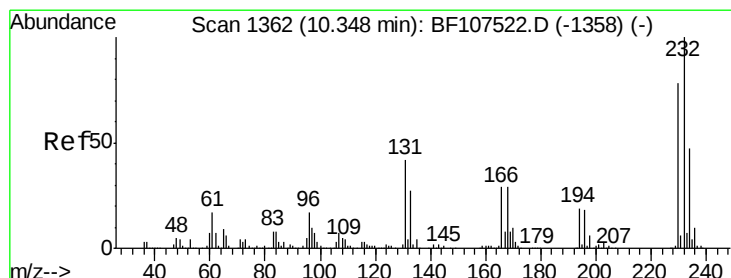
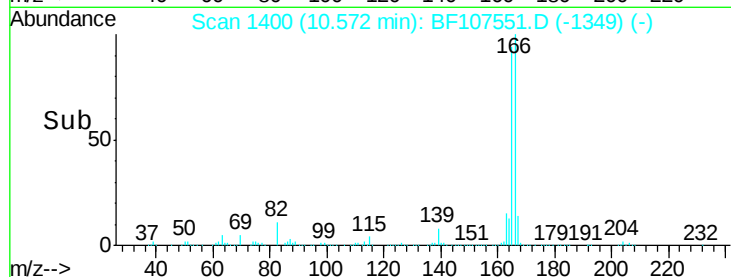
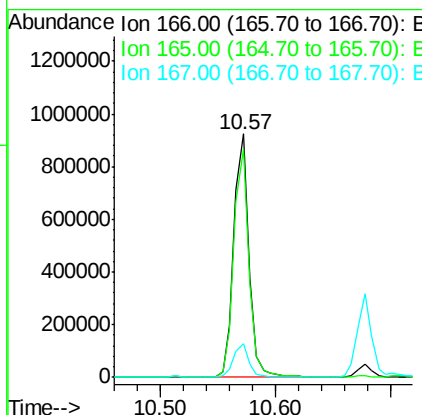
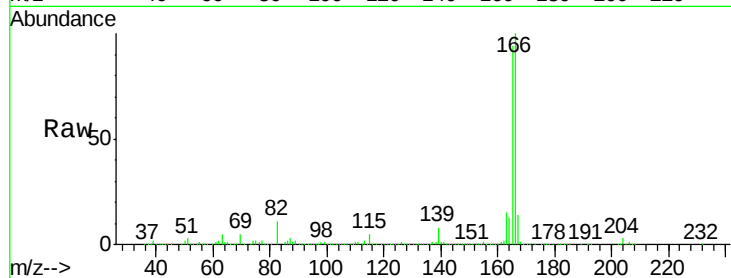




#57
 Fluorene
 Concen: 38.112 ng
 RT: 10.57 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF107551.D
 Acq: 21 Jul 2018 3:36

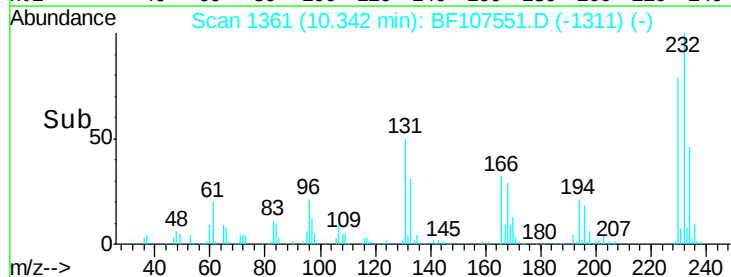
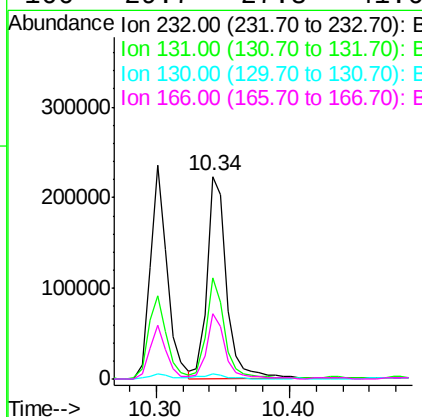
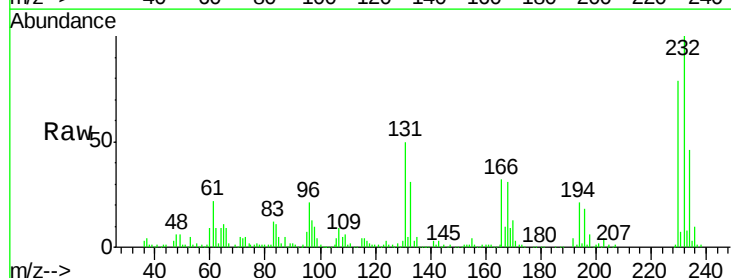
Instrument :
 BNA_F
 ClientSampleId :
 SB1-12-0MSD

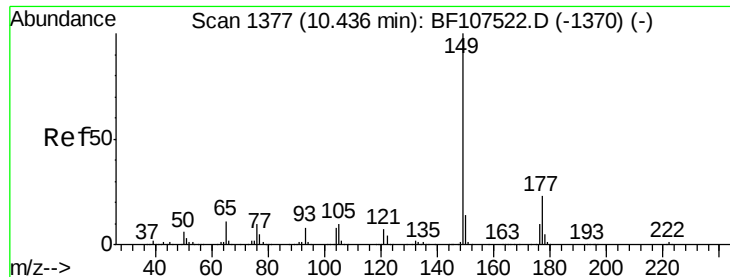
Tgt Ion:166 Resp: 841907
 Ion Ratio Lower Upper
 166 100
 165 94.0 79.8 119.8
 167 13.9 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.694 ng
 RT: 10.34 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: BF107551.D
 Acq: 21 Jul 2018 3:36

Tgt Ion:232 Resp: 228688
 Ion Ratio Lower Upper
 232 100
 131 44.8 43.8 65.8
 130 3.1 2.1 3.1
 166 29.7 27.8 41.6

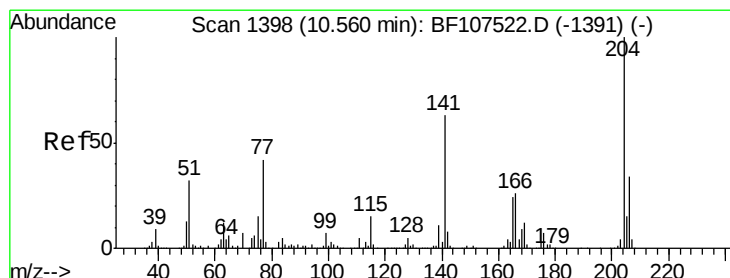
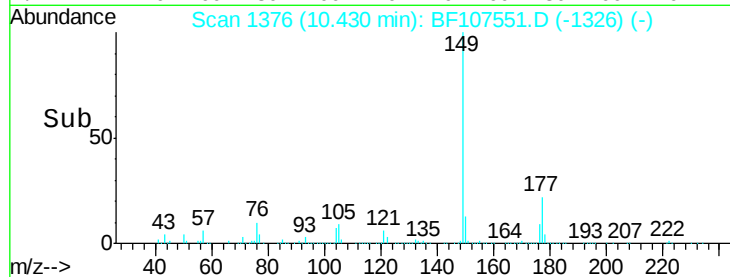
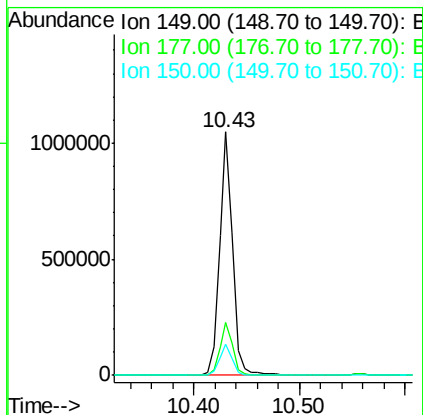
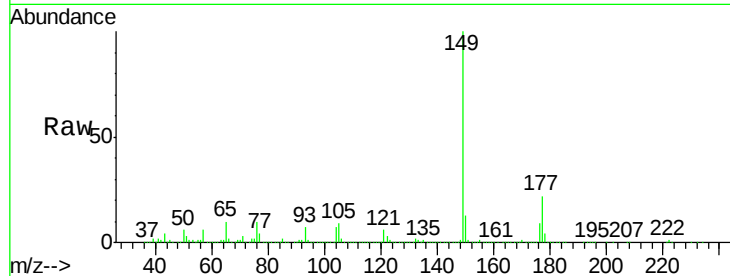




#59
Diethylphthalate
Concen: 34.700 ng
RT: 10.43 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF107551.D
Acq: 21 Jul 2018 3:36

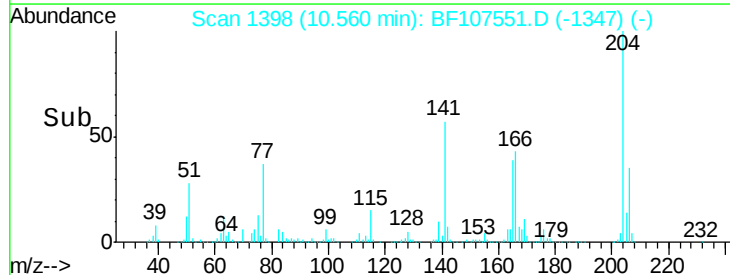
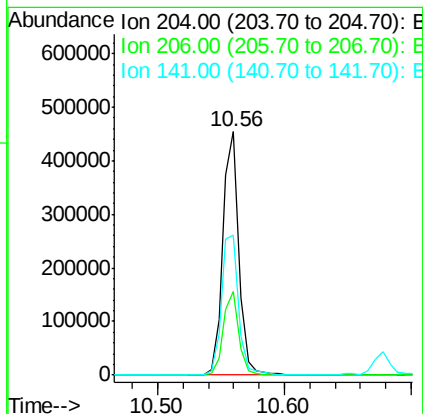
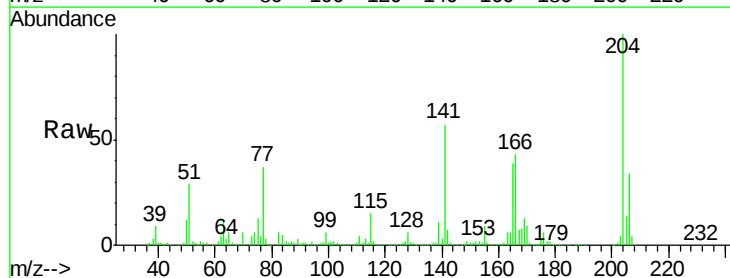
Instrument :
BNA_F
ClientSampleId :
SB1-12-0MSD

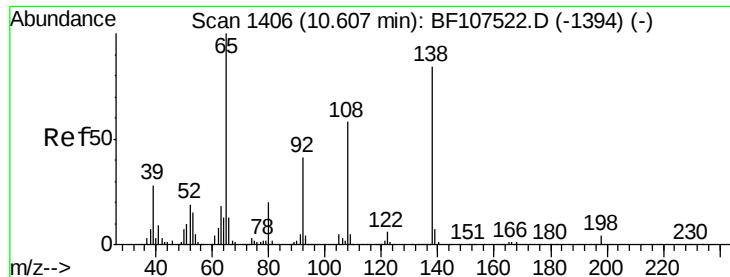
Tgt Ion:149 Resp: 916648
Ion Ratio Lower Upper
149 100
177 21.8 16.1 24.1
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 32.091 ng
RT: 10.56 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF107551.D
Acq: 21 Jul 2018 3:36

Tgt Ion:204 Resp: 400763
Ion Ratio Lower Upper
204 100
206 34.5 26.5 39.7
141 57.4 54.6 81.8

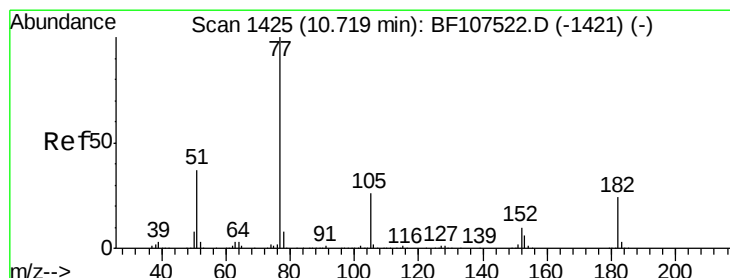
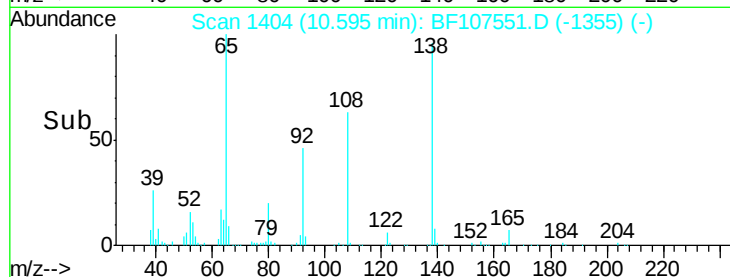
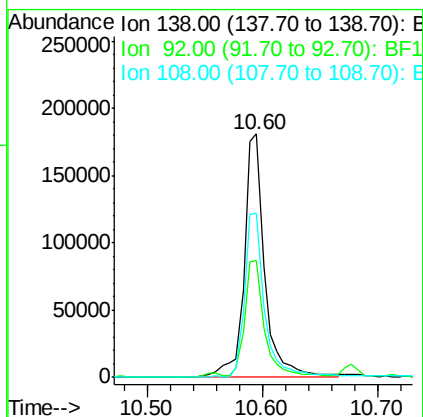
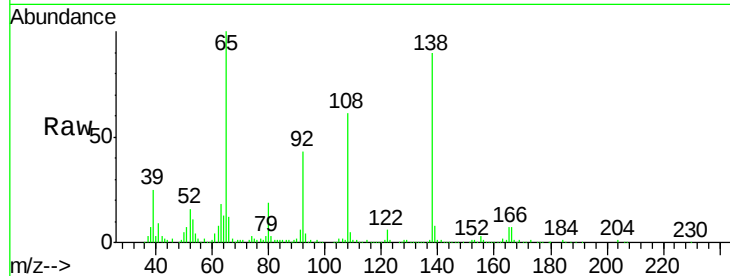




#61
4-Nitroaniline
Concen: 43.816 ng
RT: 10.60 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF107551.D
Acq: 21 Jul 2018 3:36

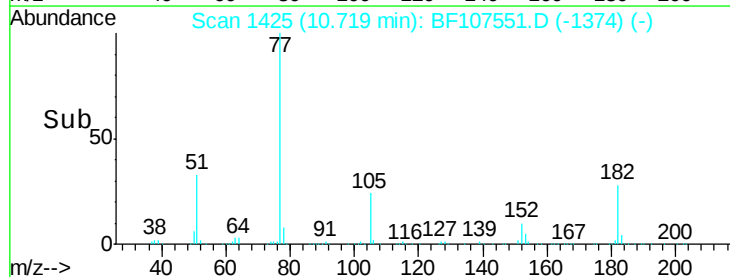
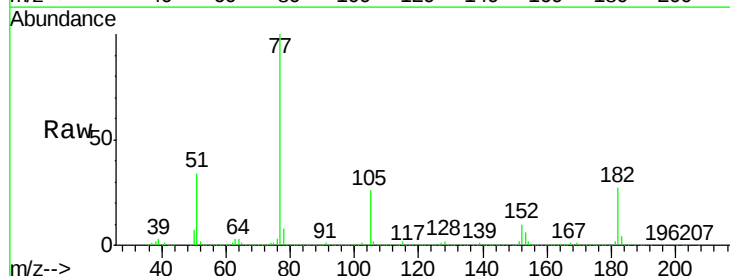
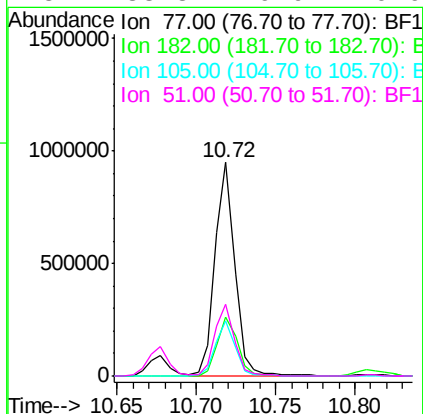
Instrument :
BNA_F
ClientSampleId :
SB1-12-0MSD

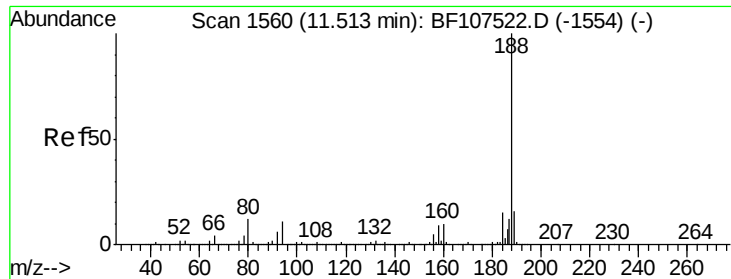
Tgt Ion: 138 Resp: 224898
Ion Ratio Lower Upper
138 100
92 48.1 30.2 70.2
108 67.7 52.5 92.5



#62
Azobenzene
Concen: 33.042 ng
RT: 10.72 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF107551.D
Acq: 21 Jul 2018 3:36

Tgt Ion: 77 Resp: 818468
Ion Ratio Lower Upper
77 100
182 27.3 1.7 41.7
105 25.6 3.0 43.0
51 33.8 9.9 49.9

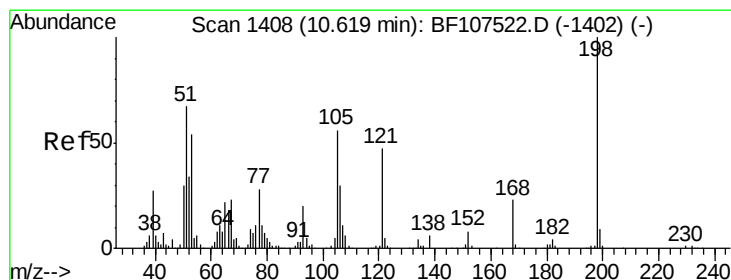
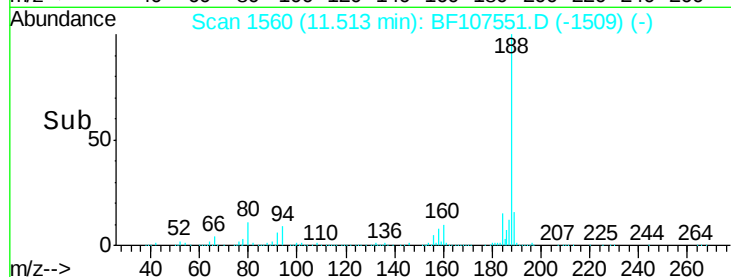
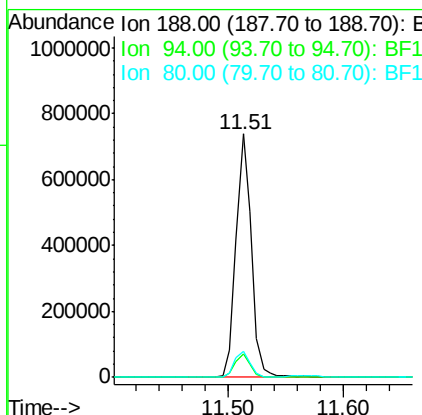
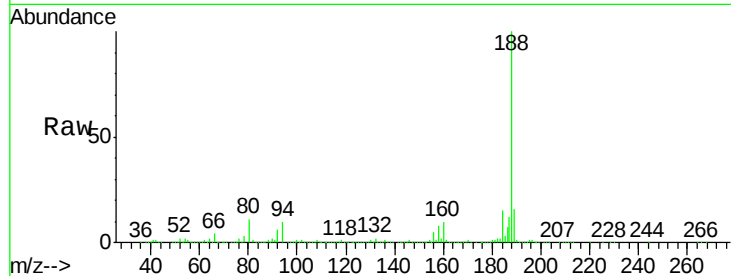




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF107551.D
Acq: 21 Jul 2018 3:36

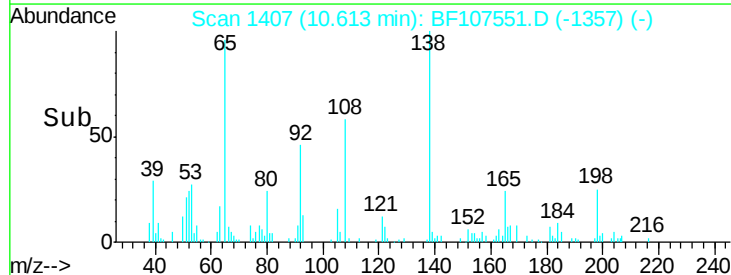
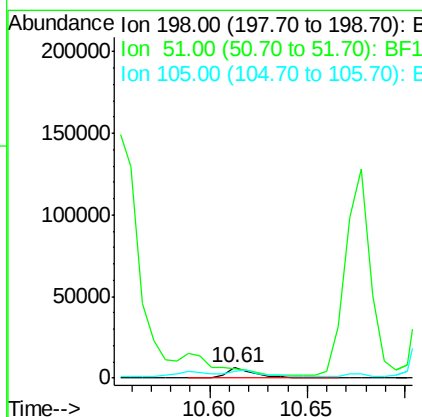
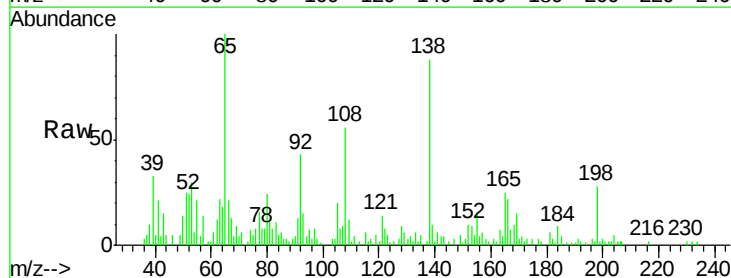
Instrument :
BNA_F
ClientSampleId :
SB1-12-0MSD

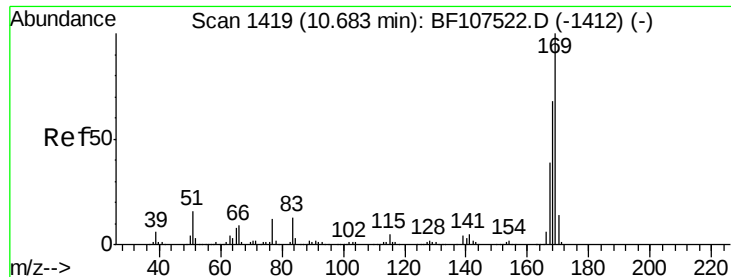
Tgt Ion:188 Resp: 679208
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 10.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 10.310 ng
RT: 10.61 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF107551.D
Acq: 21 Jul 2018 3:36

Tgt Ion:198 Resp: 6521
Ion Ratio Lower Upper
198 100
51 90.2 37.7 77.7#
105 72.8 36.3 76.3

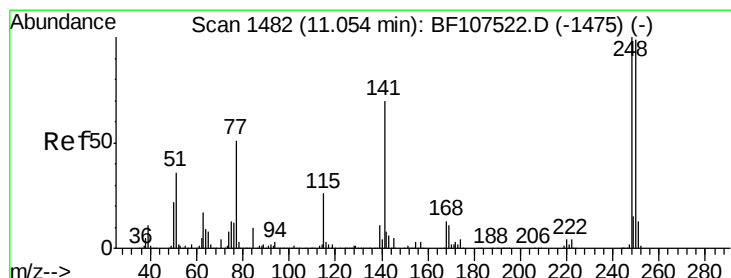
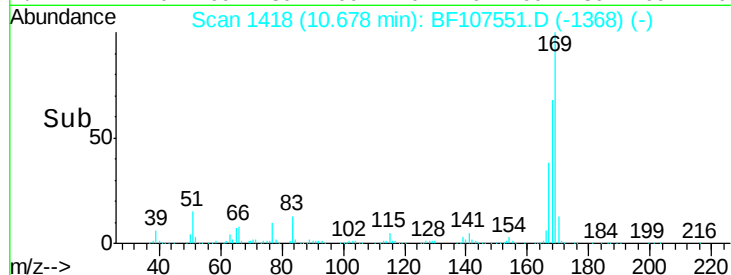
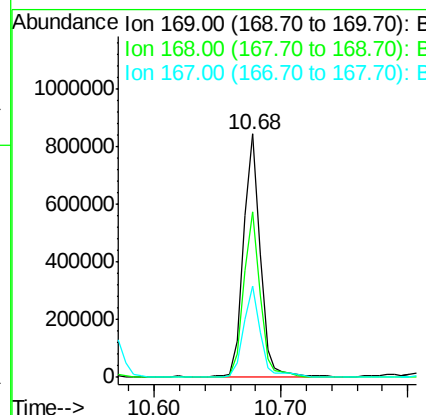
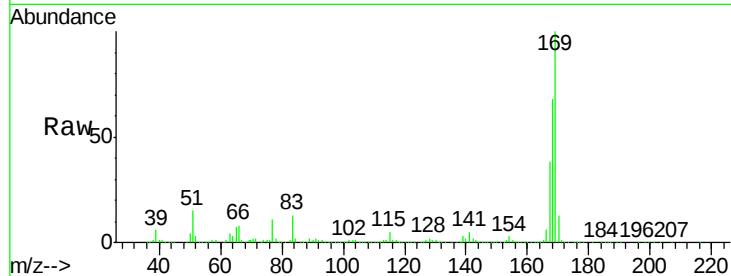




#65
n-Nitrosodiphenylamine
Concen: 33.119 ng
RT: 10.68 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF107551.D
Acq: 21 Jul 2018 3:36

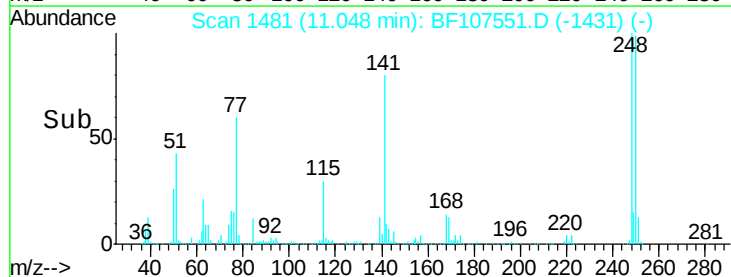
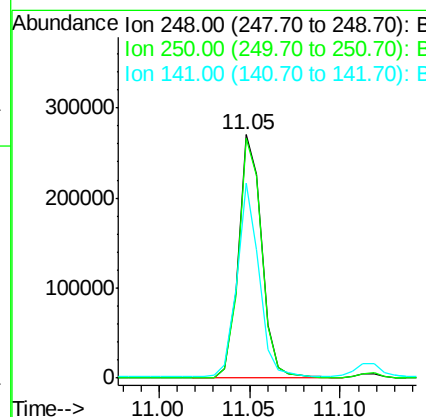
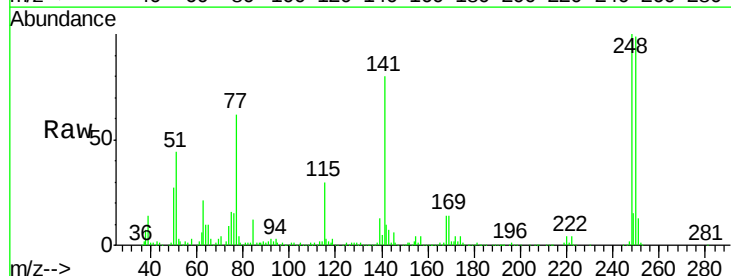
Instrument :
BNA_F
ClientSampleId :
SB1-12-0MSD

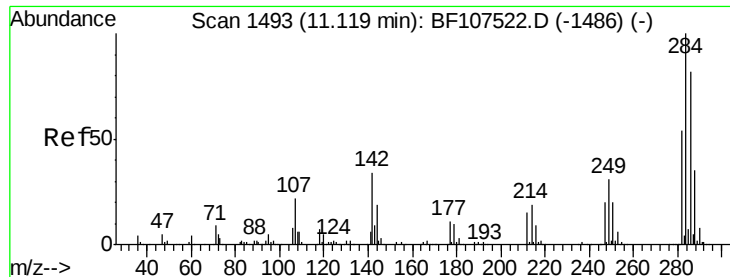
Tgt Ion:169 Resp: 763980
Ion Ratio Lower Upper
169 100
168 68.0 54.4 81.6
167 37.6 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 30.336 ng
RT: 11.05 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BF107551.D
Acq: 21 Jul 2018 3:36

Tgt Ion:248 Resp: 242551
Ion Ratio Lower Upper
248 100
250 98.6 76.9 115.3
141 80.0 74.4 111.6

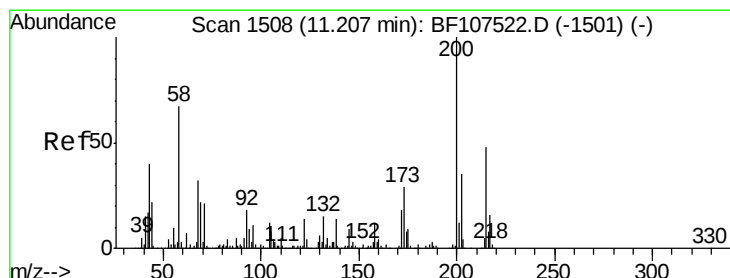
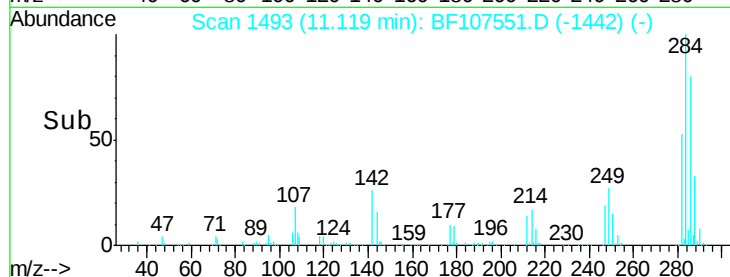
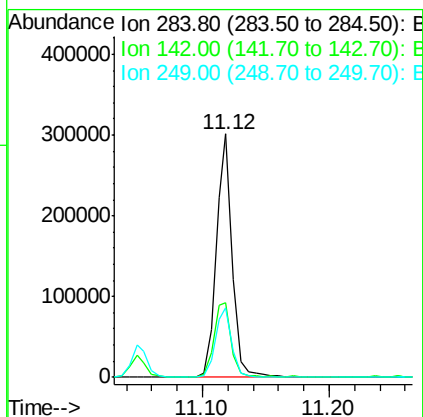
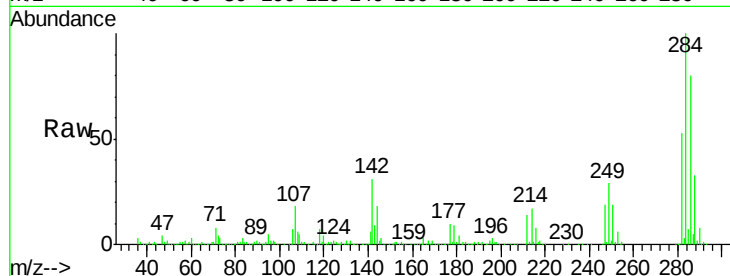




#67
Hexachlorobenzene
Concen: 30.094 ng
RT: 11.12 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BF107551.D
Acq: 21 Jul 2018 3:36

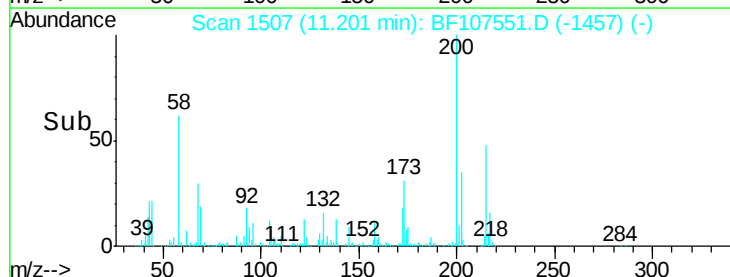
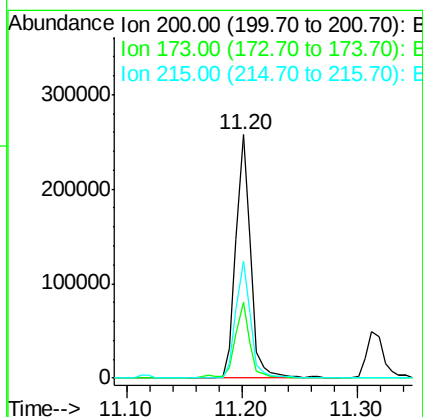
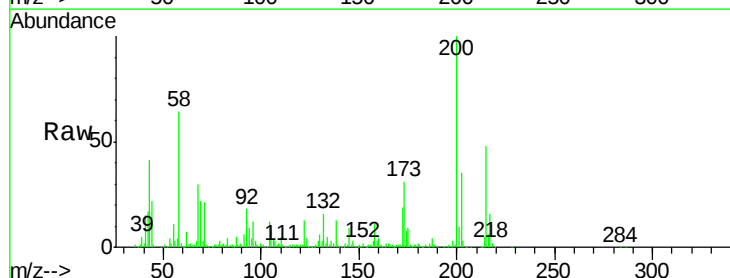
Instrument :
BNA_F
ClientSampleId :
SB1-12-0MSD

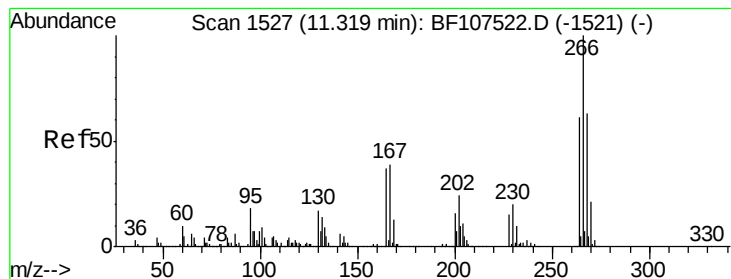
Tgt Ion: 284 Resp: 264749
Ion Ratio Lower Upper
284 100
142 30.7 34.6 52.0#
249 28.6 24.8 37.2



#68
Atrazine
Concen: 32.655 ng
RT: 11.20 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF107551.D
Acq: 21 Jul 2018 3:36

Tgt Ion: 200 Resp: 229987
Ion Ratio Lower Upper
200 100
173 31.1 8.6 48.6
215 48.2 25.1 65.1





#69

Pentachlorophenol

Concen: 54.944 ng

RT: 11.32 min Scan# 1527

Delta R.T. 0.00 min

Lab File: BF107551.D

Acq: 21 Jul 2018 3:36

Instrument :

BNA_F

ClientSampleId :

SB1-12-0MSD

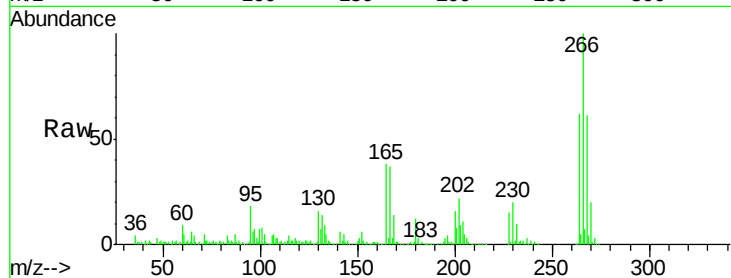
Tgt Ion:266 Resp: 301918

Ion Ratio Lower Upper

266 100

268 61.3 51.1 76.7

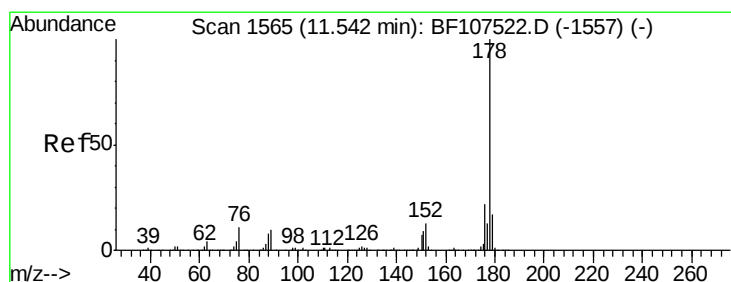
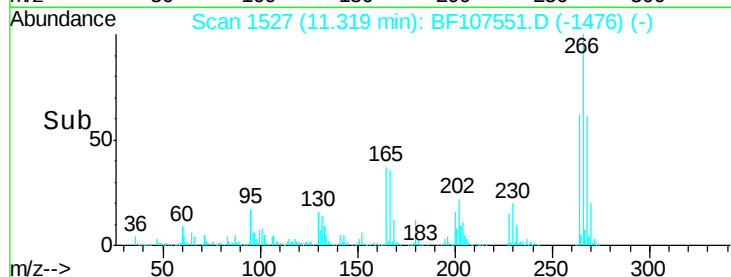
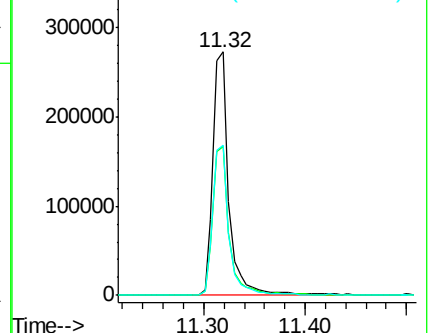
264 61.5 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 42.352 ng

RT: 11.54 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF107551.D

Acq: 21 Jul 2018 3:36

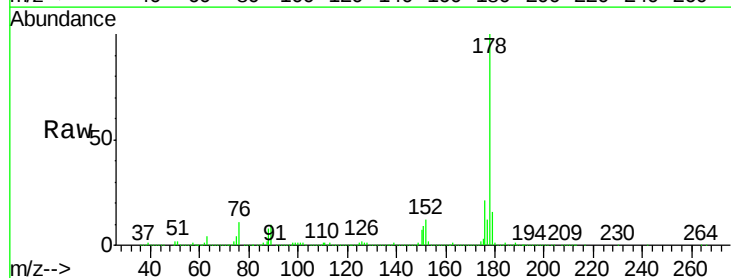
Tgt Ion:178 Resp: 1401754

Ion Ratio Lower Upper

178 100

176 20.7 15.8 23.8

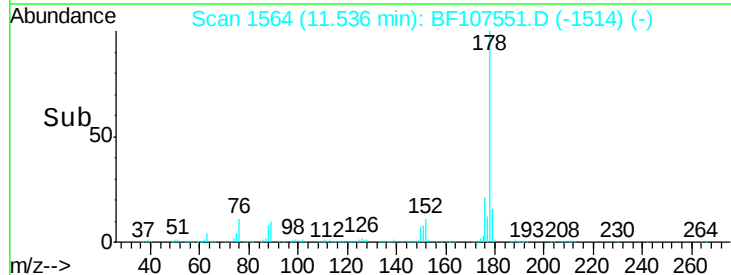
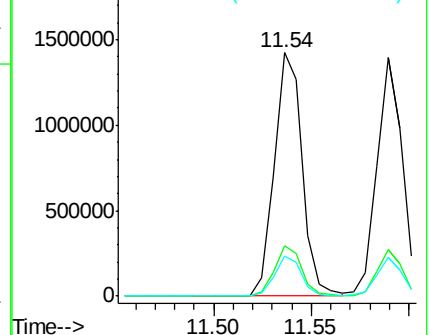
179 16.4 13.0 19.6

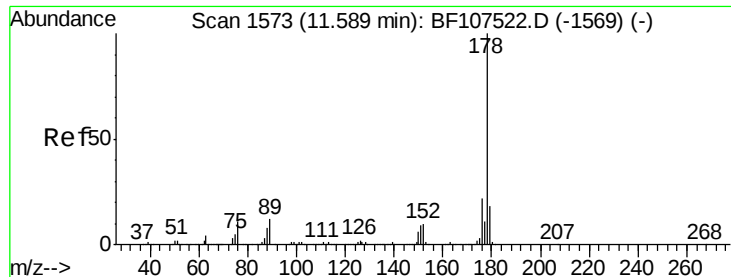


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

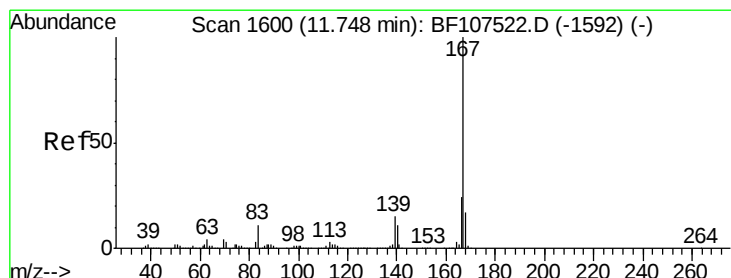
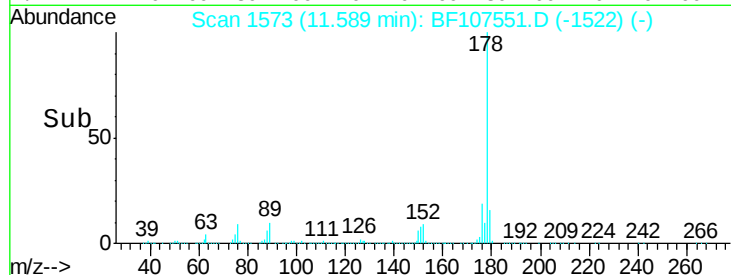
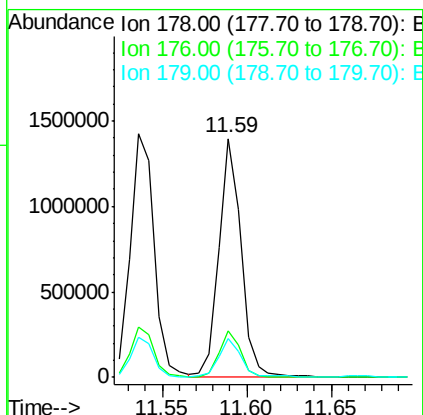
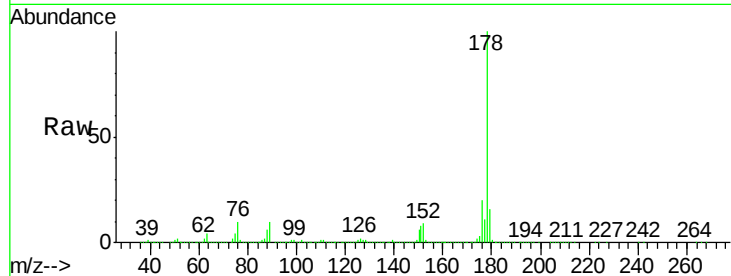




#71
 Anthracene
 Concen: 38.532 ng
 RT: 11.59 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF107551.D
 Acq: 21 Jul 2018 3:36

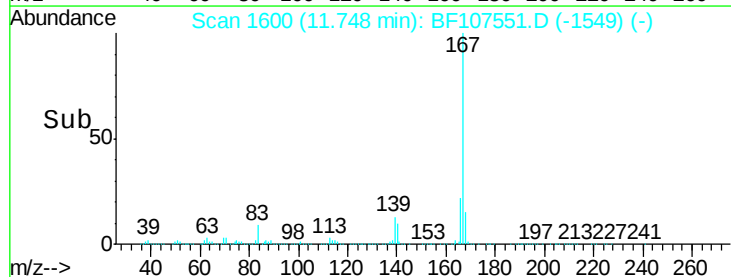
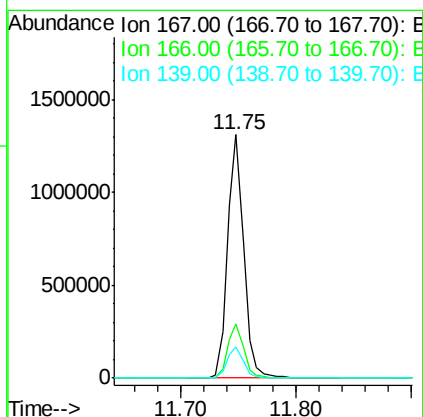
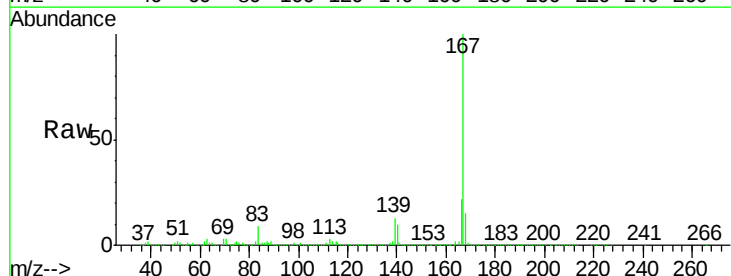
Instrument :
 BNA_F
 ClientSampleId :
 SB1-12-0MSD

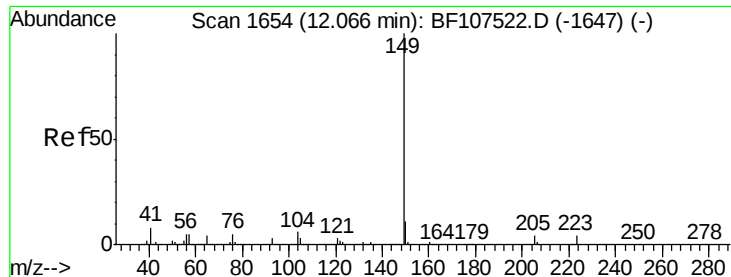
Tgt Ion:178 Resp: 1284081
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 16.1 12.6 19.0



#72
 Carbazole
 Concen: 36.345 ng
 RT: 11.75 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF107551.D
 Acq: 21 Jul 2018 3:36

Tgt Ion:167 Resp: 1259495
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 13.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.923 ng

RT: 12.06 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BF107551.D

Acq: 21 Jul 2018 3:36

Instrument :

BNA_F

ClientSampleId :

SB1-12-0MSD

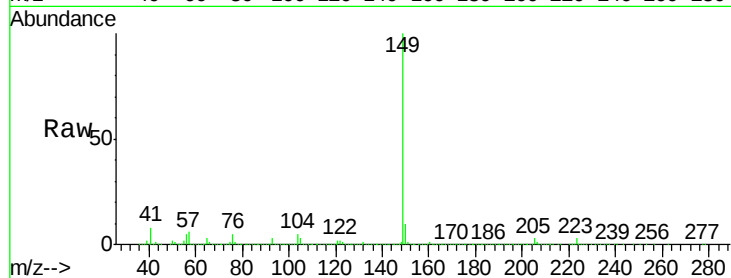
Tgt Ion:149 Resp: 1416672

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

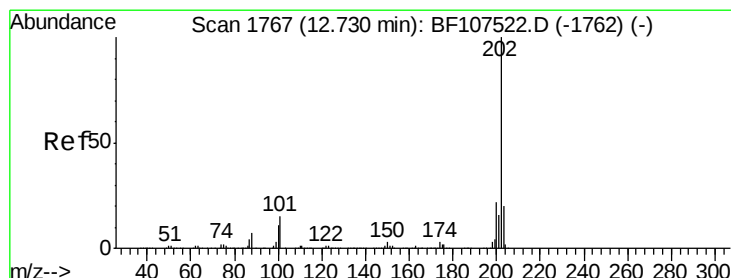
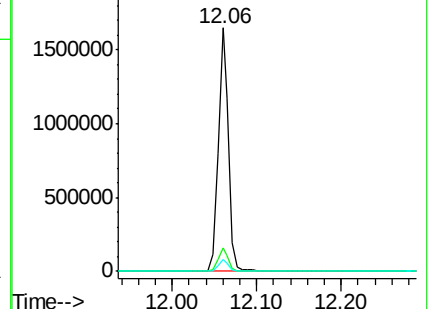
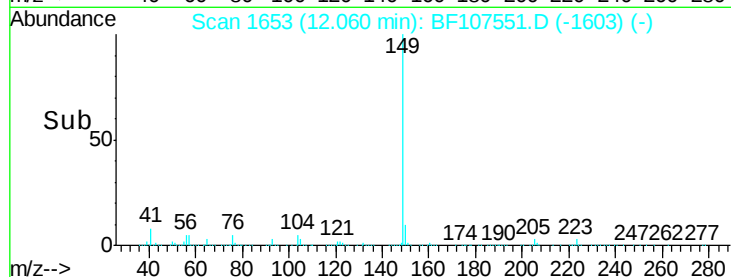
104 4.9 3.8 5.8



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: 47.577 ng

RT: 12.74 min Scan# 1768

Delta R.T. 0.01 min

Lab File: BF107551.D

Acq: 21 Jul 2018 3:36

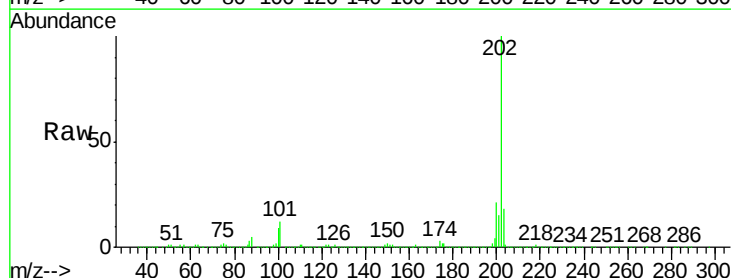
Tgt Ion:202 Resp: 1689780

Ion Ratio Lower Upper

202 100

101 11.6 0.0 34.1

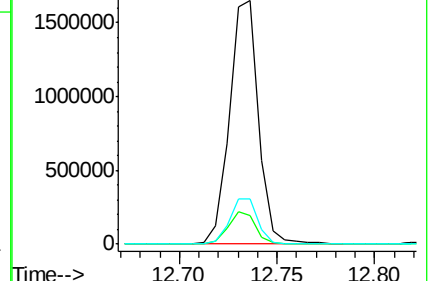
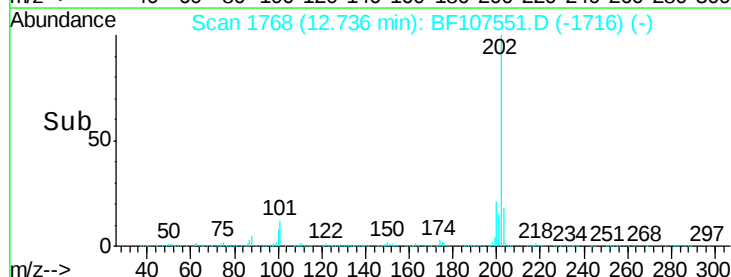
203 18.5 0.0 38.1

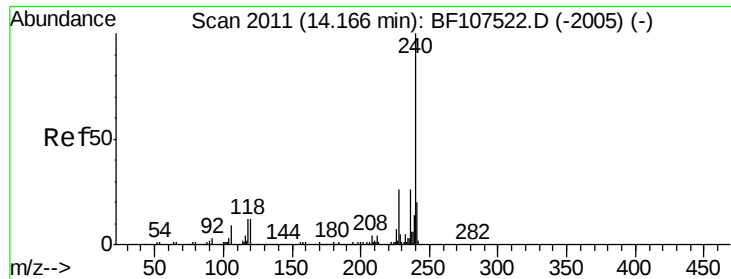


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.17 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BF107551.D

Acq: 21 Jul 2018 3:36

Instrument :

BNA_F

ClientSampleId :

SB1-12-0MSD

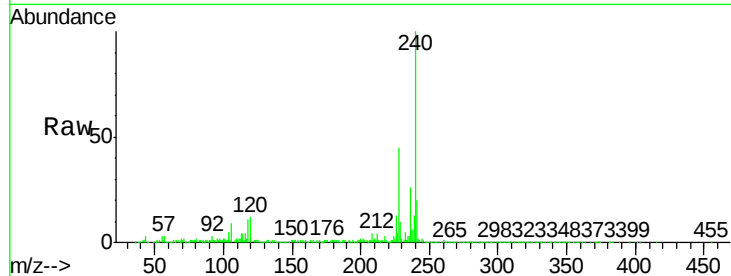
Tgt Ion:240 Resp: 676877

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

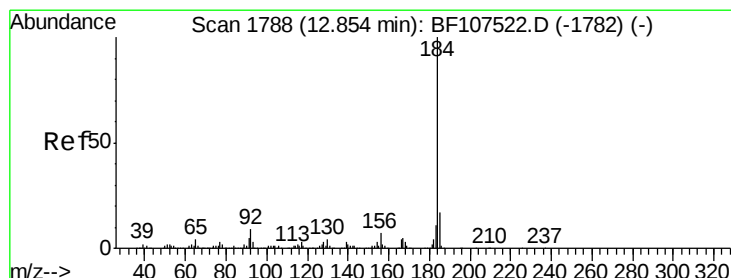
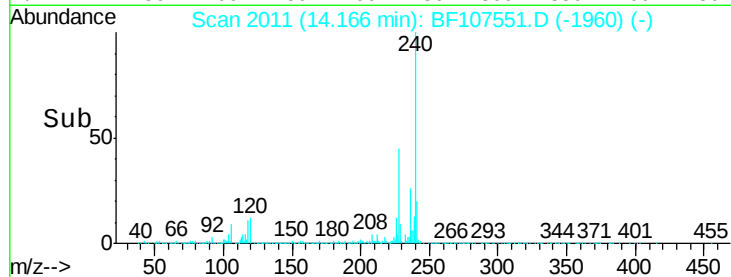
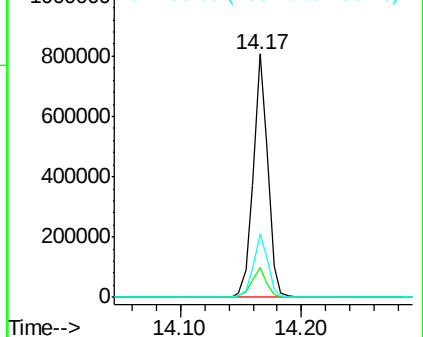
236 25.9 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 14.178 ng

RT: 12.85 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BF107551.D

Acq: 21 Jul 2018 3:36

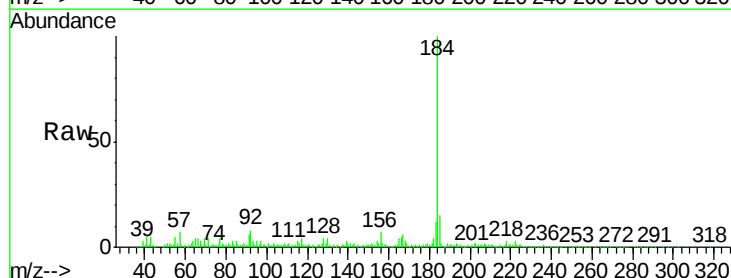
Tgt Ion:184 Resp: 276361

Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

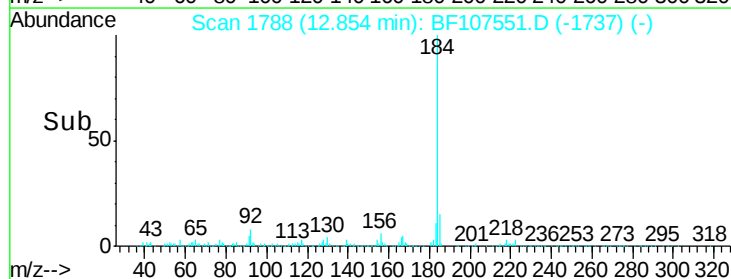
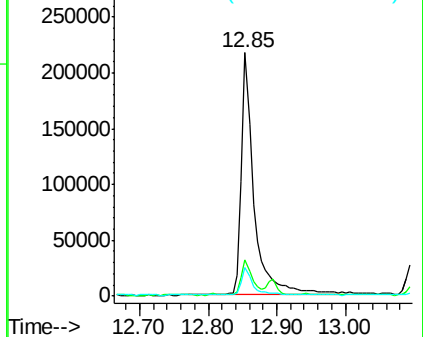
183 11.6 9.3 13.9

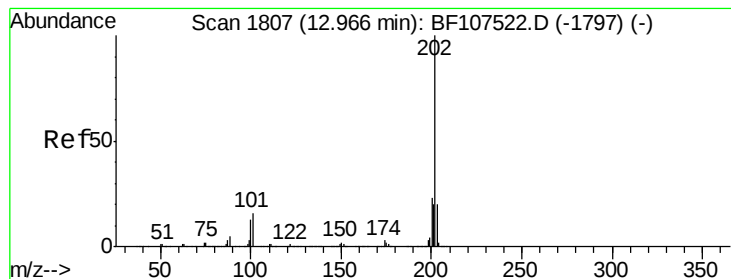


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 36.550 ng

RT: 12.97 min Scan# 1807

Delta R.T. 0.00 min

Lab File: BF107551.D

Acq: 21 Jul 2018 3:36

Instrument :

BNA_F

ClientSampleId :

SB1-12-0MSD

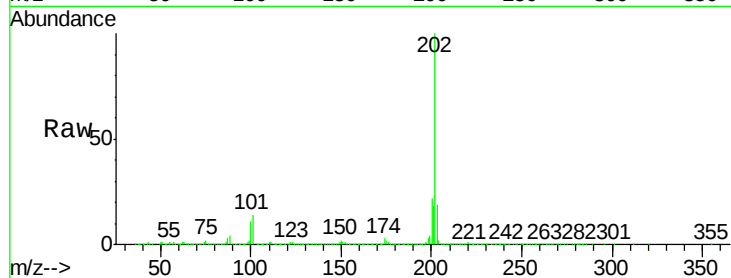
Tgt Ion:202 Resp: 1692229

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

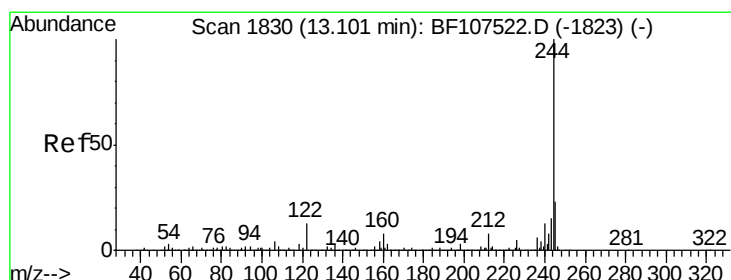
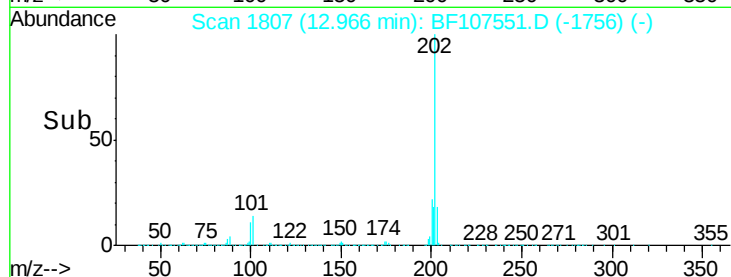
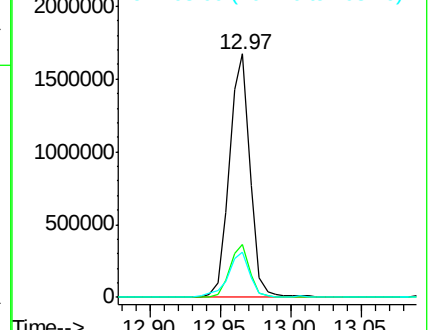
203 18.7 14.3 21.5



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: 66.306 ng

RT: 13.10 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BF107551.D

Acq: 21 Jul 2018 3:36

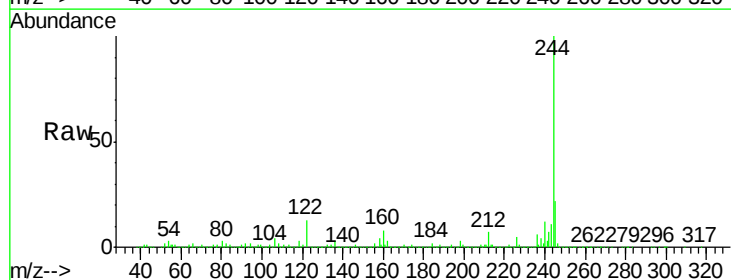
Tgt Ion:244 Resp: 1753114

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

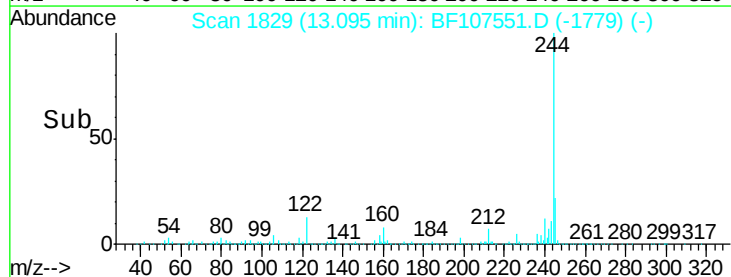
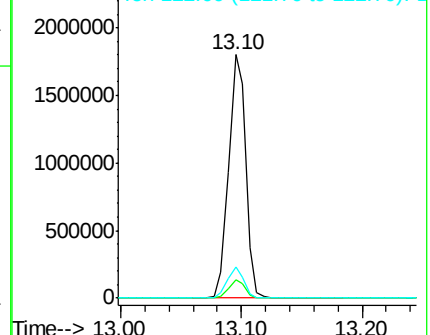
122 12.8 11.0 16.4

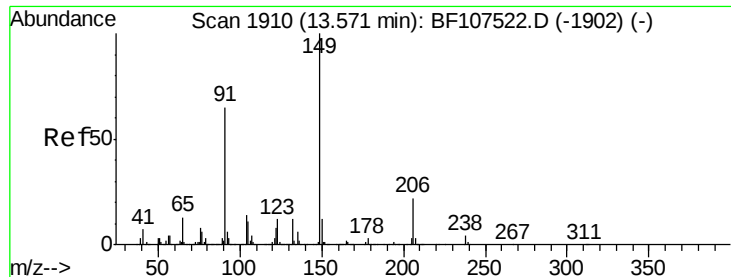


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

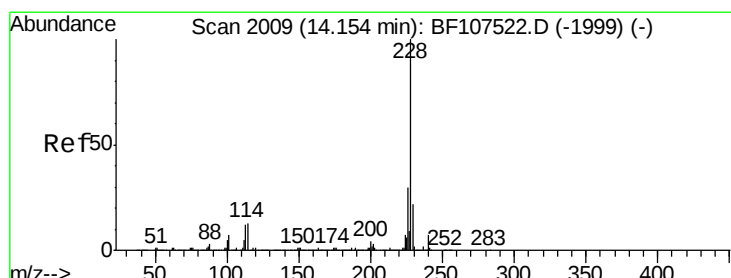
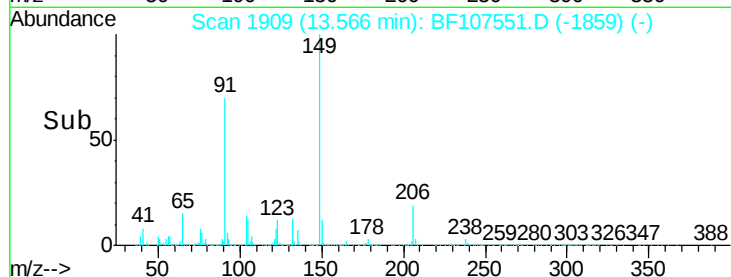
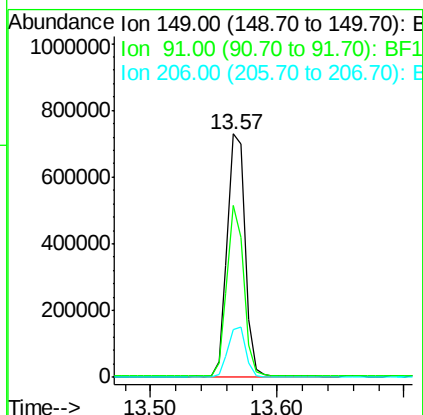
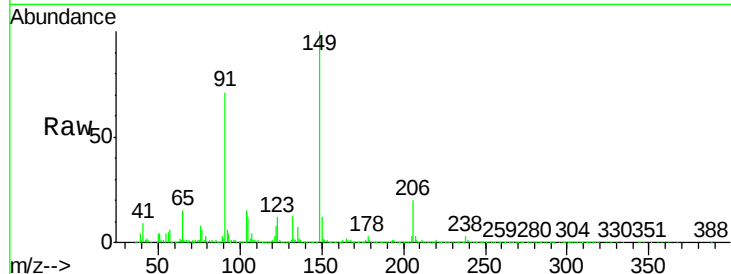




#79
Butylbenzylphthalate
Concen: 35.800 ng
RT: 13.57 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BF107551.D
Acq: 21 Jul 2018 3:36

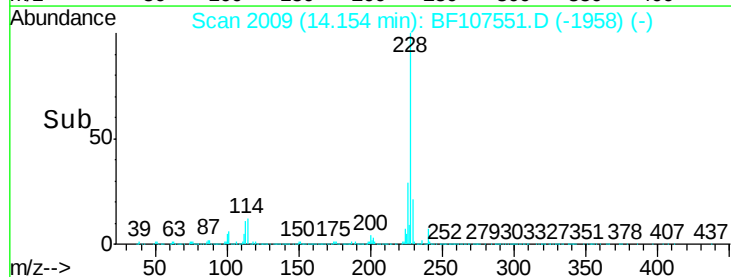
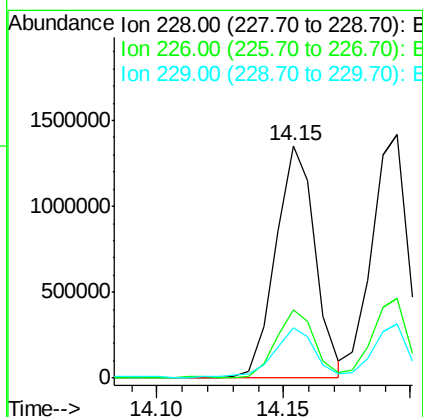
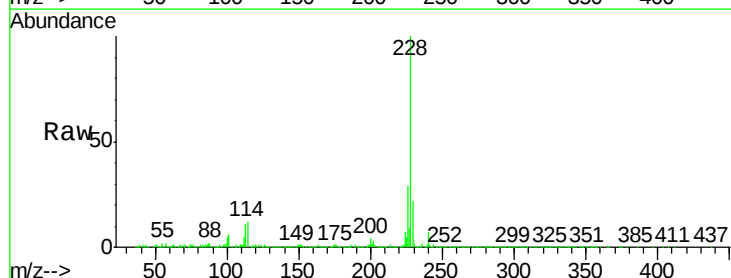
Instrument :
BNA_F
ClientSampleId :
SB1-12-0MSD

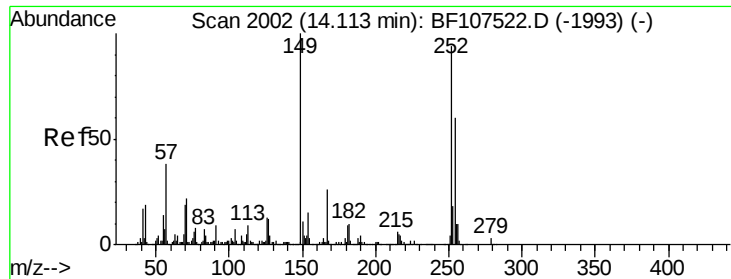
Tgt Ion:149 Resp: 712824
Ion Ratio Lower Upper
149 100
91 70.6 56.8 85.2
206 19.5 14.1 21.1



#80
Benzo(a)anthracene
Concen: 36.875 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF107551.D
Acq: 21 Jul 2018 3:36

Tgt Ion:228 Resp: 1462694
Ion Ratio Lower Upper
228 100
226 29.5 22.6 33.8
229 21.5 15.8 23.6

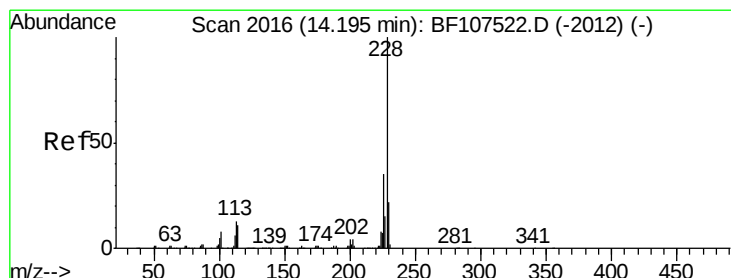
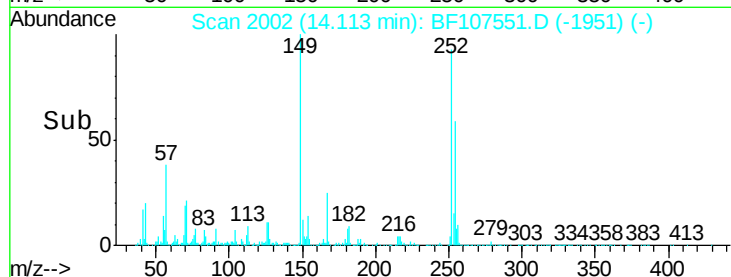
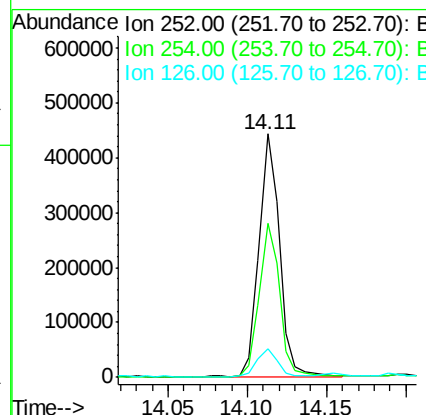
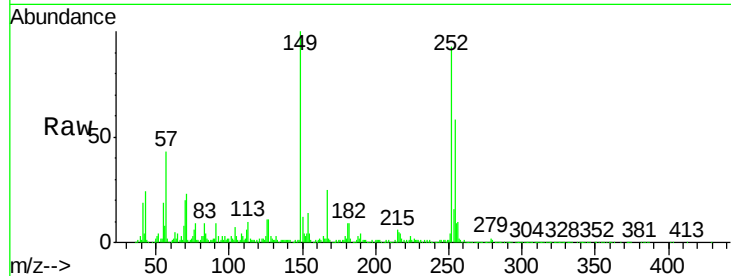




#81
 3,3'-Dichlorobenzidine
 Concen: 31.146 ng
 RT: 14.11 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: BF107551.D
 Acq: 21 Jul 2018 3:36

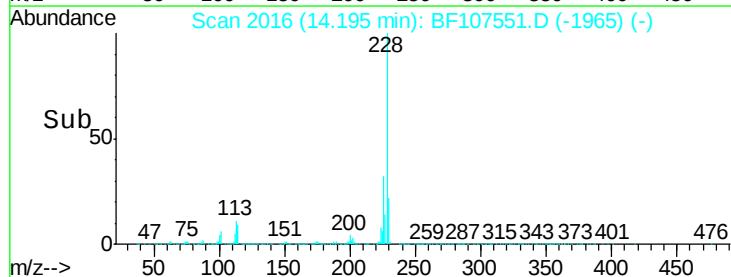
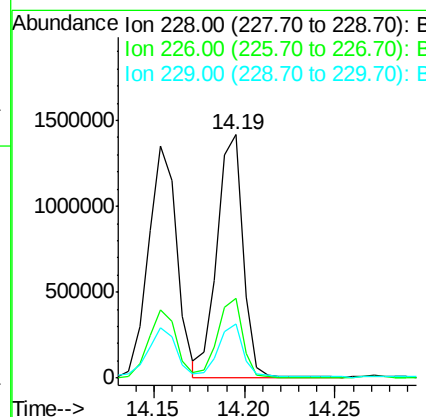
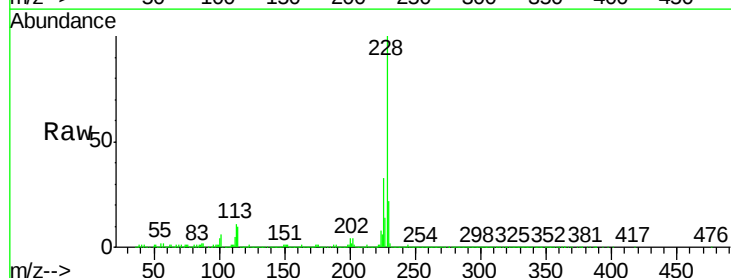
Instrument :
 BNA_F
 ClientSampleId :
 SB1-12-0MSD

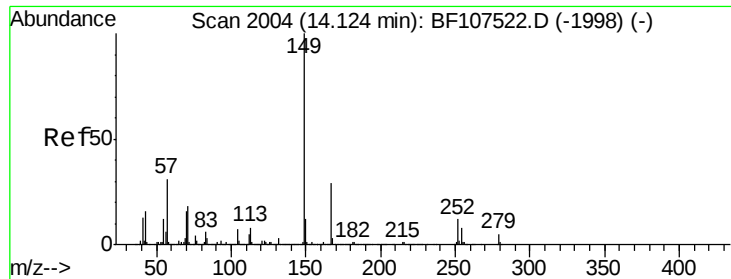
Tgt Ion: 252 Resp: 399735
 Ion Ratio Lower Upper
 252 100
 254 63.2 50.4 75.6
 126 11.7 11.3 16.9



#82
 Chrysene
 Concen: 36.868 ng
 RT: 14.19 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BF107551.D
 Acq: 21 Jul 2018 3:36

Tgt Ion: 228 Resp: 1404804
 Ion Ratio Lower Upper
 228 100
 226 32.6 25.0 37.6
 229 22.2 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.569 ng

RT: 14.12 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF107551.D

Acq: 21 Jul 2018 3:36

Instrument :

BNA_F

ClientSampleId :

SB1-12-0MSD

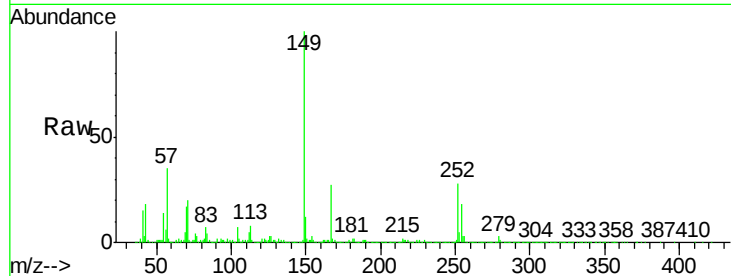
Tgt Ion:149 Resp: 999277

Ion Ratio Lower Upper

149 100

167 27.4 21.3 31.9

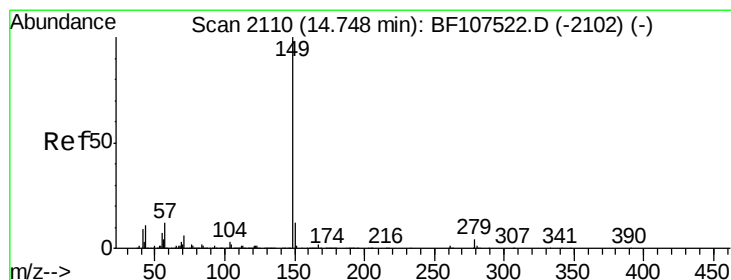
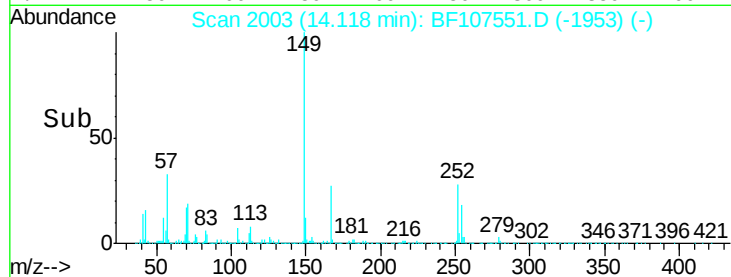
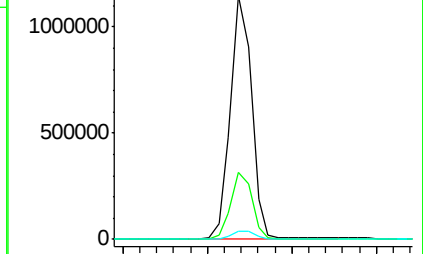
279 3.4 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.665 ng

RT: 14.74 min Scan# 2109

Delta R.T. -0.01 min

Lab File: BF107551.D

Acq: 21 Jul 2018 3:36

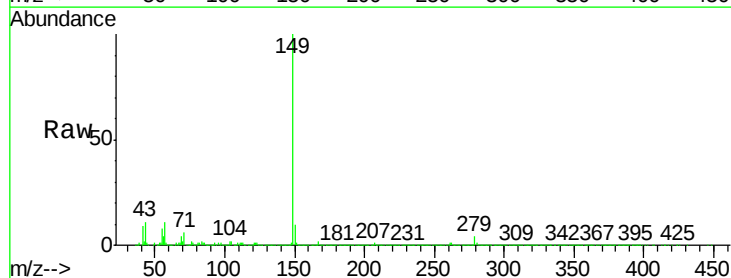
Tgt Ion:149 Resp: 1775800

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

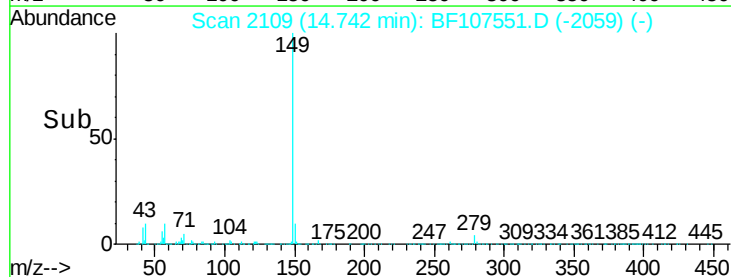
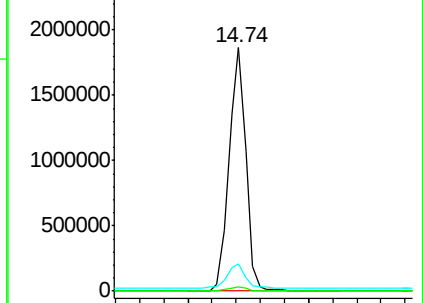
43 11.0 8.4 12.6

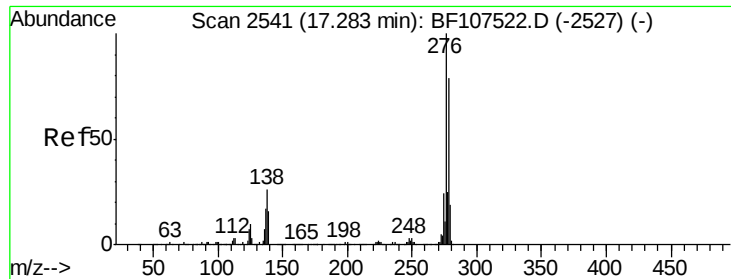


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

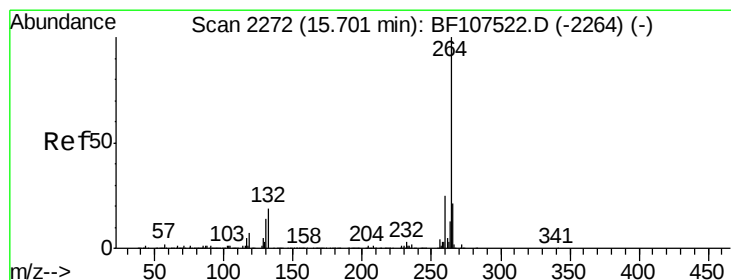
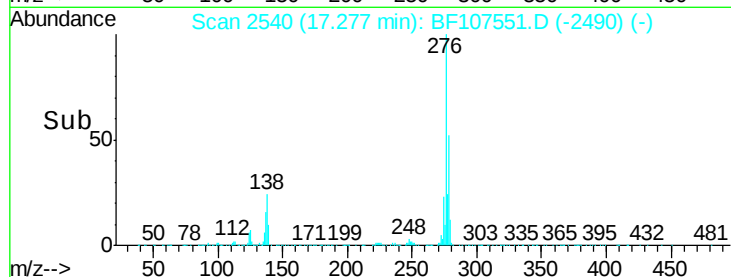
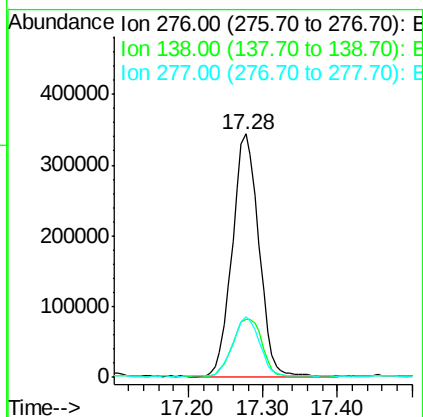
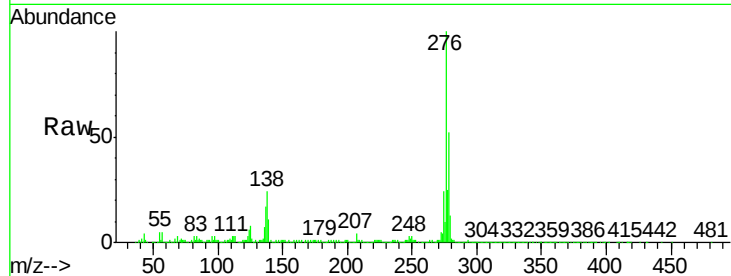




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 26.319 ng
 RT: 17.28 min Scan# 2540
 Delta R.T. -0.01 min
 Lab File: BF107551.D
 Acq: 21 Jul 2018 3:36

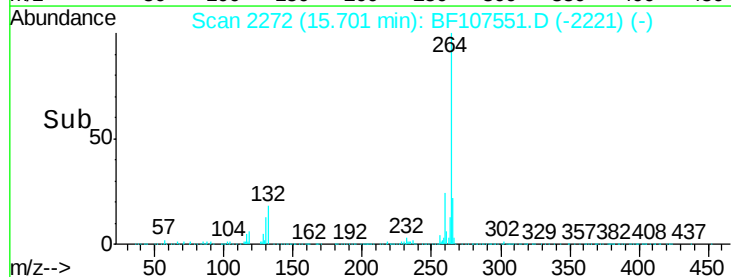
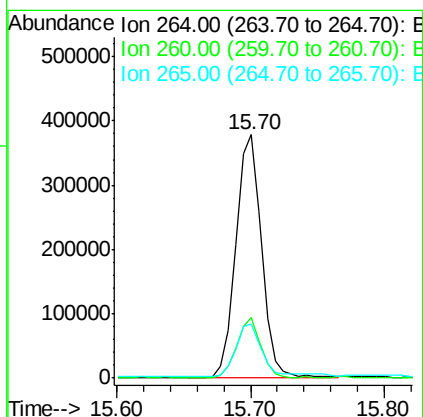
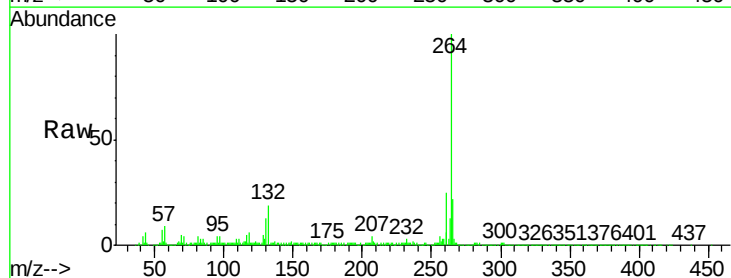
Instrument :
 BNA_F
 ClientSampleId :
 SB1-12-0MSD

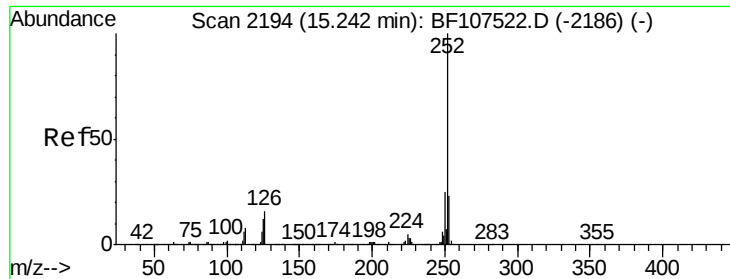
Tgt Ion:276 Resp: 849956
 Ion Ratio Lower Upper
 276 100
 138 26.2 25.0 37.6
 277 24.7 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: BF107551.D
 Acq: 21 Jul 2018 3:36

Tgt Ion:264 Resp: 502908
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.2 28.8
 265 22.3 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 39.423 ng

RT: 15.24 min Scan# 2194

Delta R.T. 0.00 min

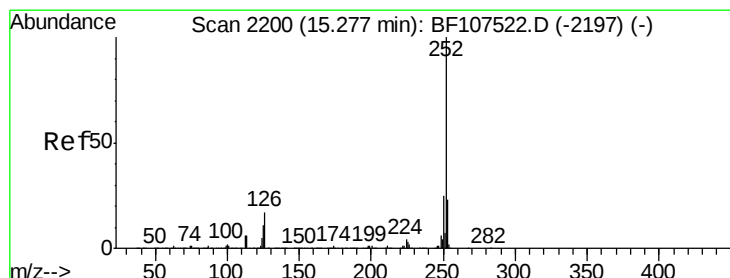
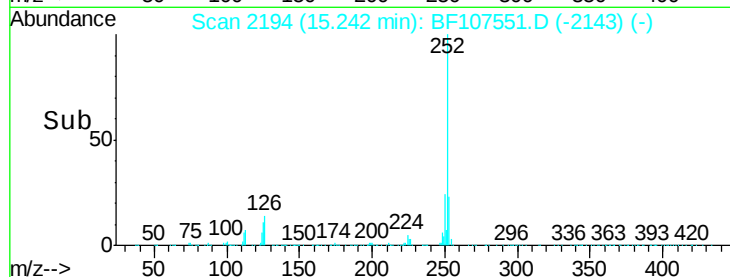
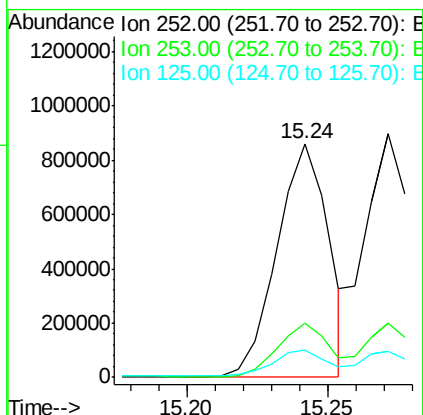
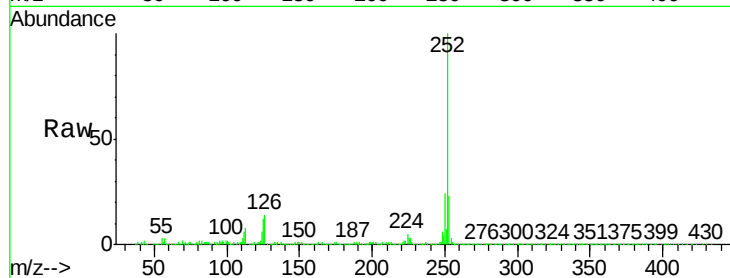
Lab File: BF107551.D

Acq: 21 Jul 2018 3:36

Instrument :
BNA_F
ClientSampleId :
SB1-12-0MSD

Tgt Ion:252 Resp: 1085071

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	11.6	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 37.574 ng

RT: 15.27 min Scan# 2199

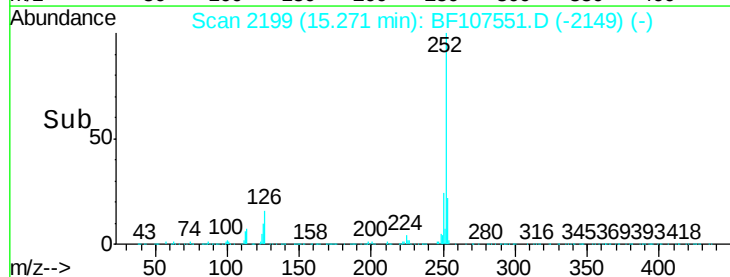
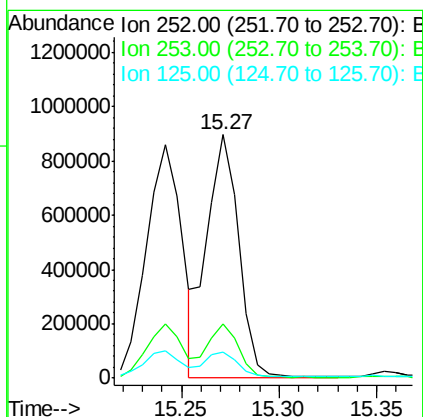
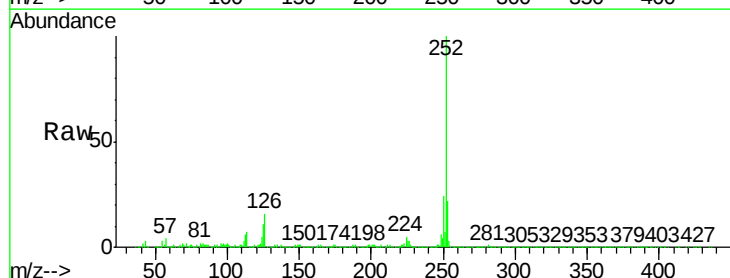
Delta R.T. -0.01 min

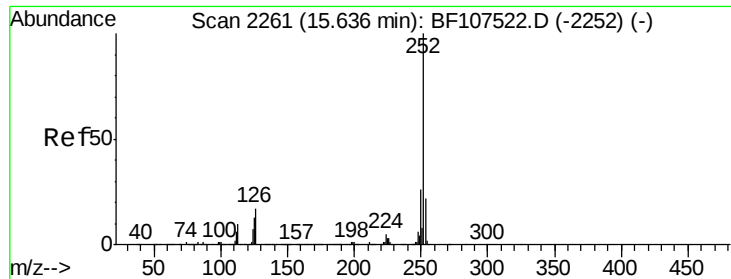
Lab File: BF107551.D

Acq: 21 Jul 2018 3:36

Tgt Ion:252 Resp: 1013205

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	10.9	10.2	15.2

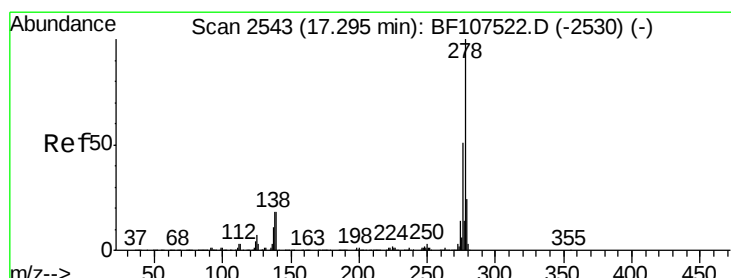
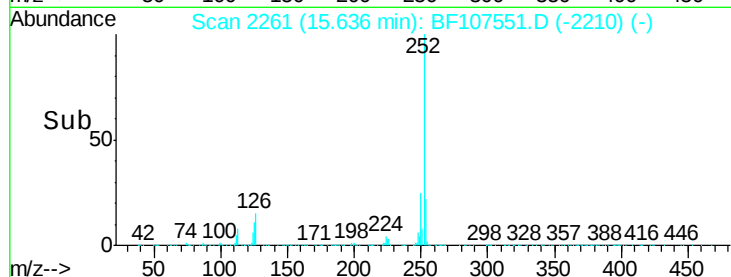
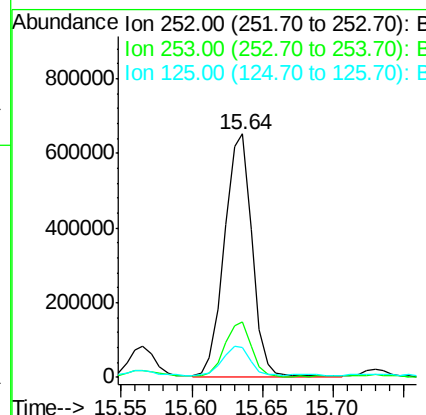
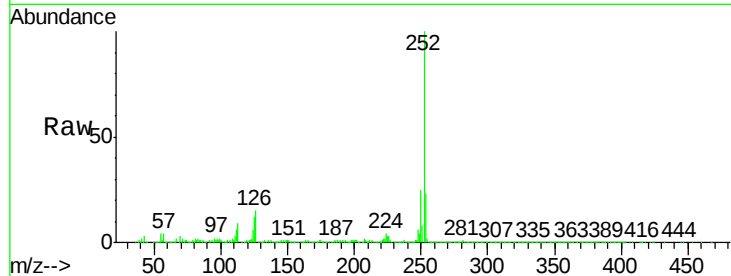




#89
Benzo(a)pyrene
Concen: 35.011 ng
RT: 15.64 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BF107551.D
Acq: 21 Jul 2018 3:36

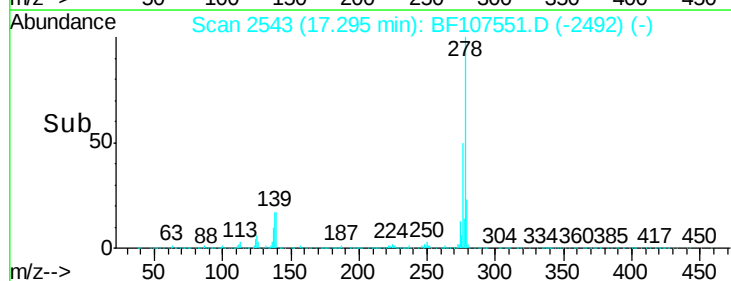
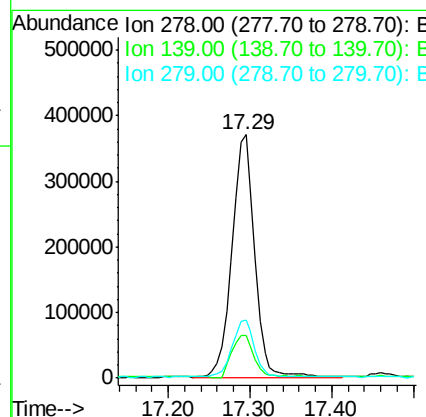
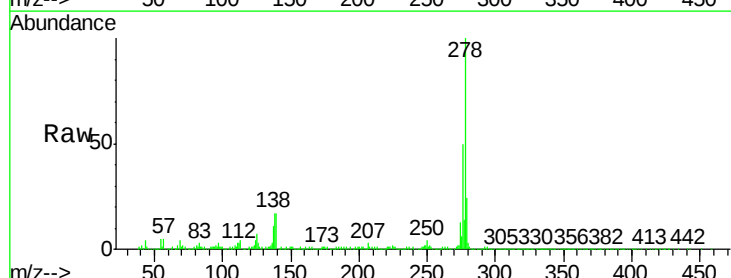
Instrument :
BNA_F
ClientSampleId :
SB1-12-0MSD

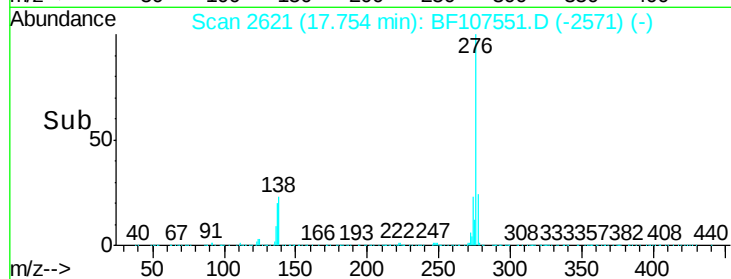
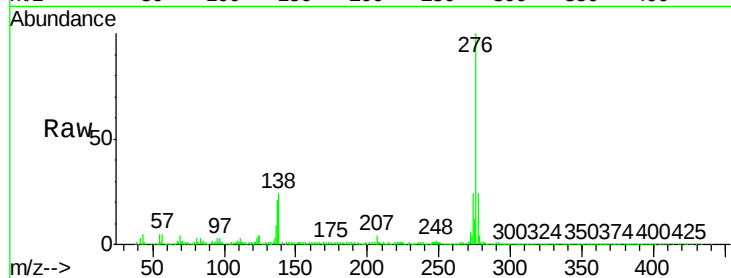
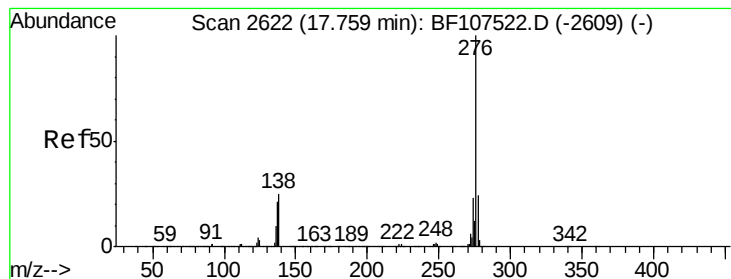
Tgt Ion:252 Resp: 881456
Ion Ratio Lower Upper
252 100
253 22.5 17.1 25.7
125 12.3 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 32.786 ng
RT: 17.29 min Scan# 2543
Delta R.T. 0.00 min
Lab File: BF107551.D
Acq: 21 Jul 2018 3:36

Tgt Ion:278 Resp: 713541
Ion Ratio Lower Upper
278 100
139 17.4 15.9 23.9
279 23.9 19.0 28.4





#91

Benzo(g,h,i)perylene

Concen: 31.770 ng

RT: 17.75 min Scan# 2621

Delta R.T. -0.01 min

Lab File: BF107551.D

Acq: 21 Jul 2018 3:36

Instrument :

BNA_F

ClientSampleId :

SB1-12-0MSD

Tgt Ion: 276 Resp: 682007

Ion Ratio Lower Upper

276 100

277 24.0 17.9 26.9

138 23.9 21.8 32.8

