

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

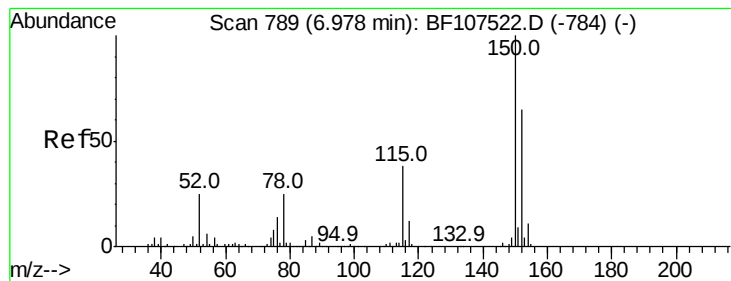
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
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 Response via : Initial Calibration

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

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

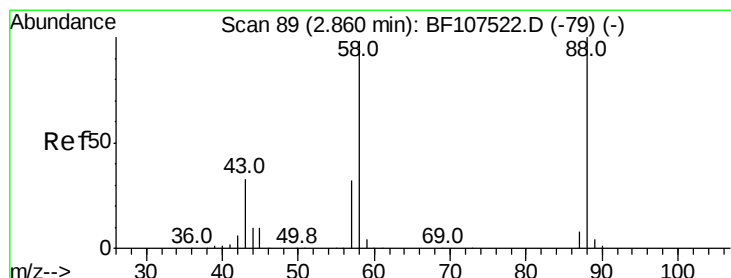
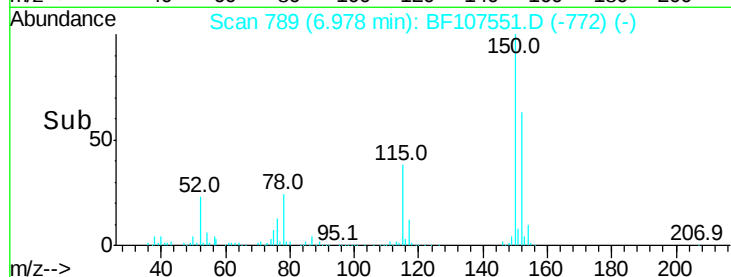
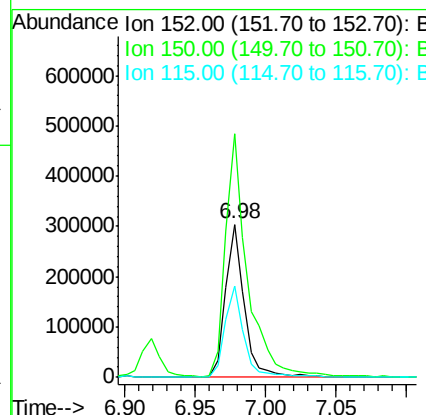
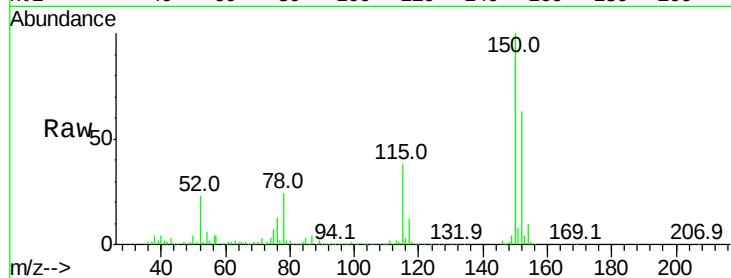


#1

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

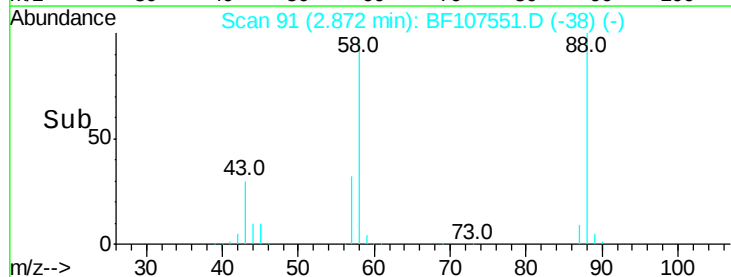
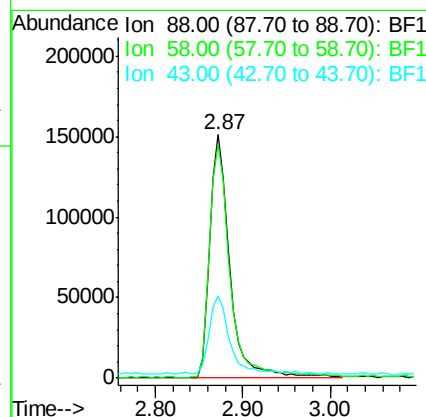
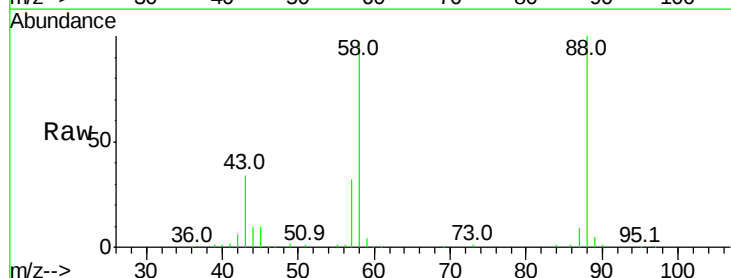
Tot Ion:152 Resp: 283578
Ion Ratio Lower Upper
152 100
150 159.4 124.6 186.8
115 60.1 50.1 75.1

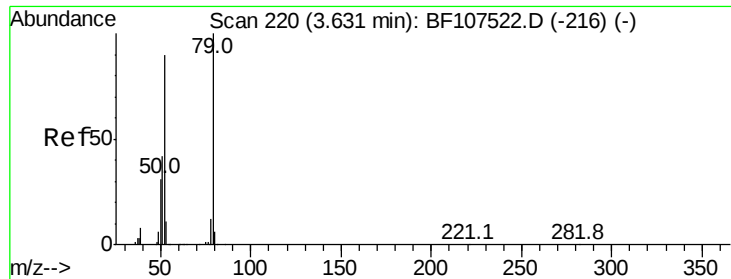


#2

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

Pvridine

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

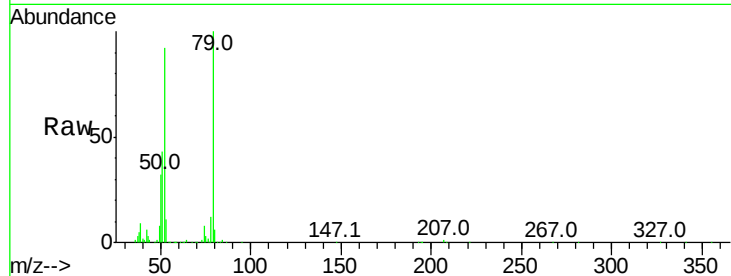
Tot Ion: 79 Resp: 655341

Ion Ratio Lower Upper

79 100

52 91.9 59.8 89.6#

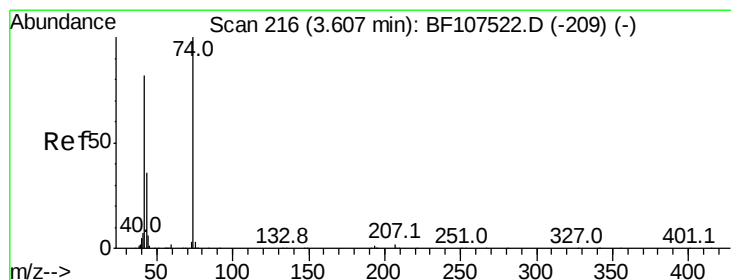
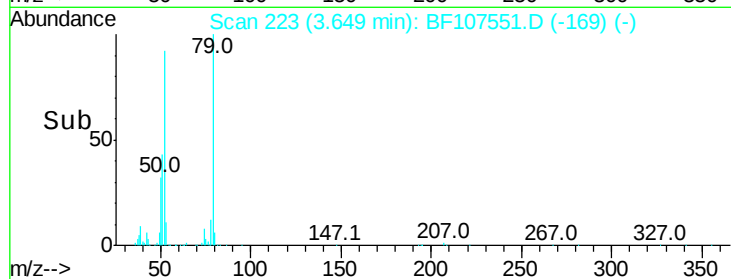
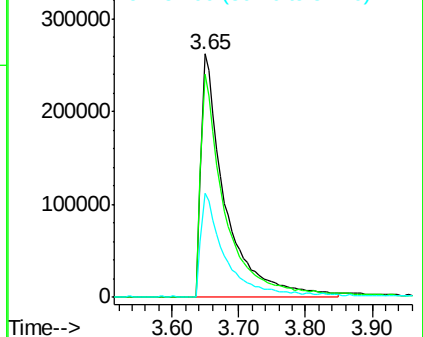
51 42.7 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 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

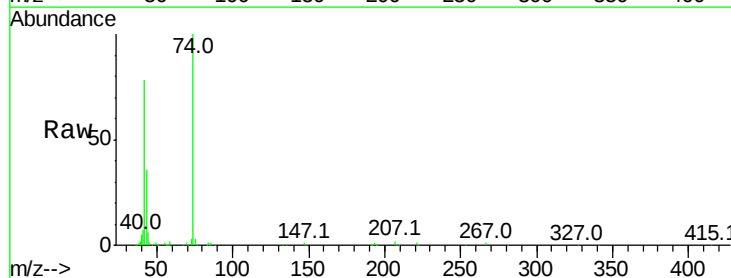
Tgt Ion: 42 Resp: 329587

Ion Ratio Lower Upper

42 100

74 127.7 104.9 157.3

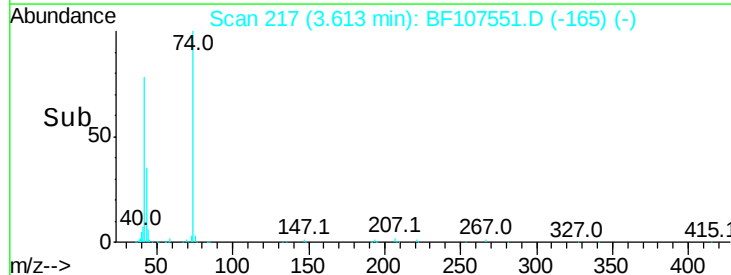
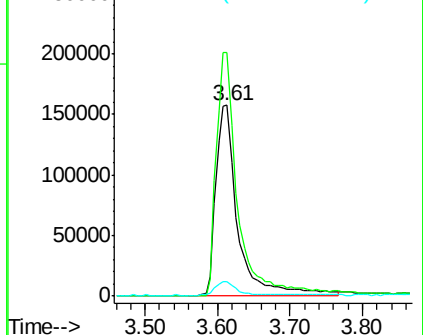
44 7.9 6.9 10.3

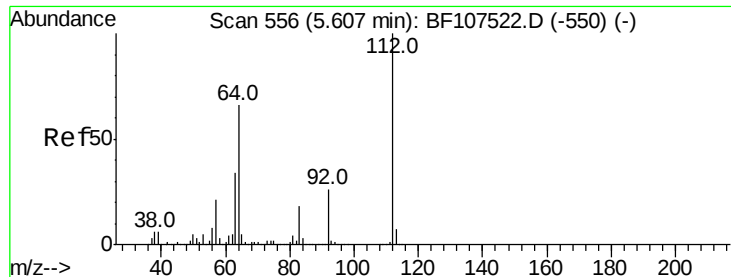


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 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

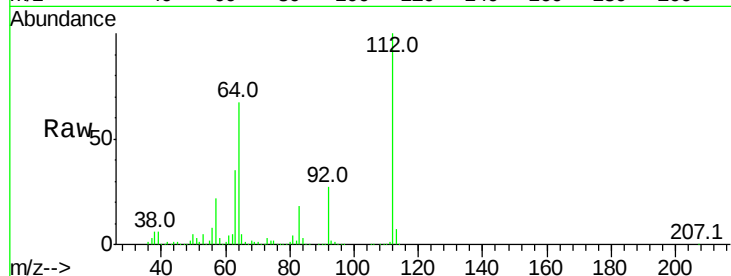
Tot Ion:112 Resp: 1739973

Ion Ratio Lower Upper

112 100

64 66.9 47.9 71.9

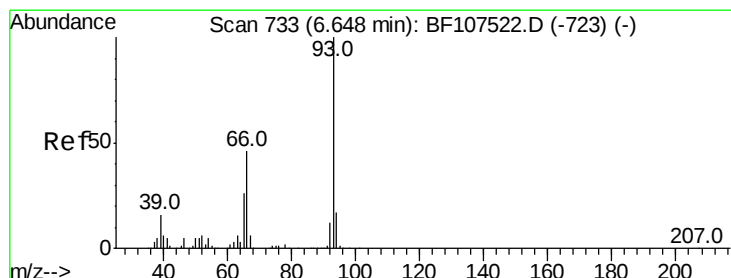
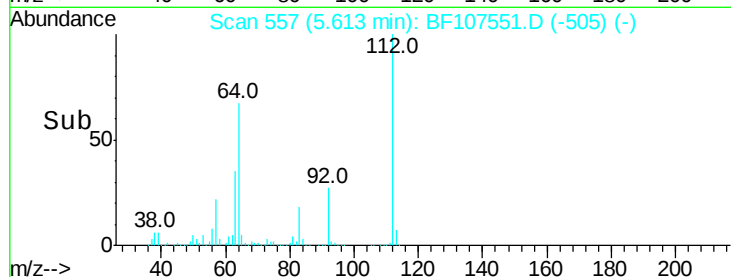
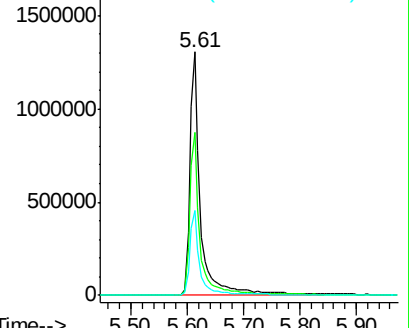
63 34.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 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

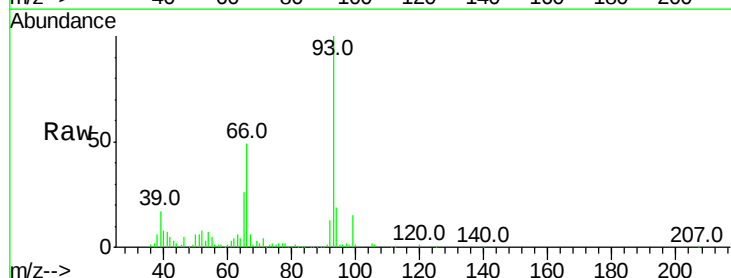
Tgt Ion: 93 Resp: 561077

Ion Ratio Lower Upper

93 100

66 49.1 32.2 48.2#

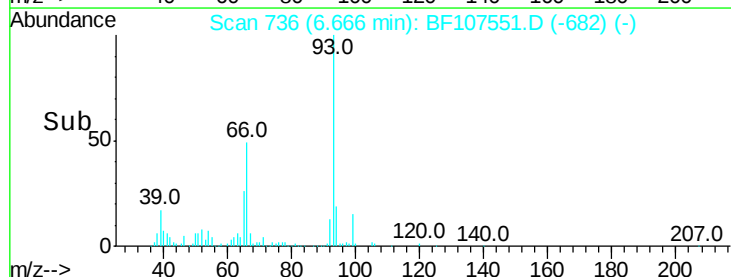
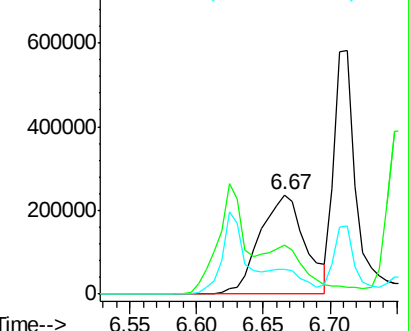
65 25.6 16.4 24.6#

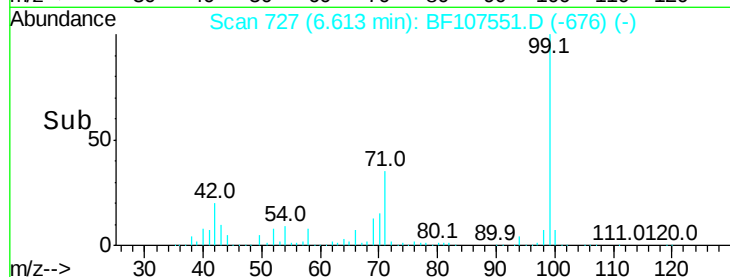
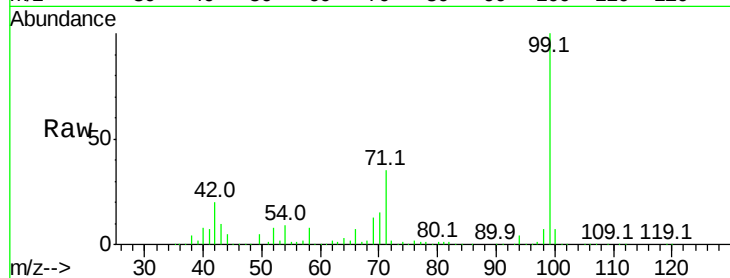
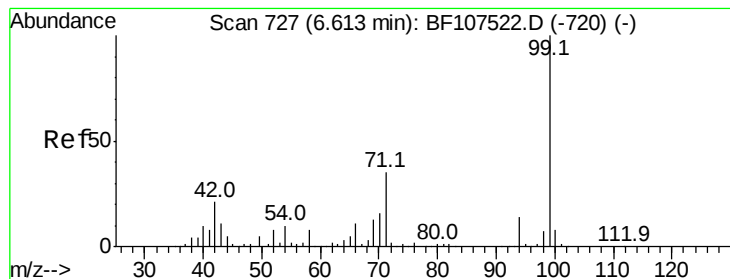


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 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

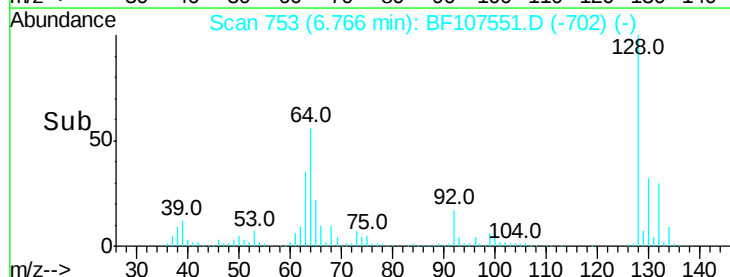
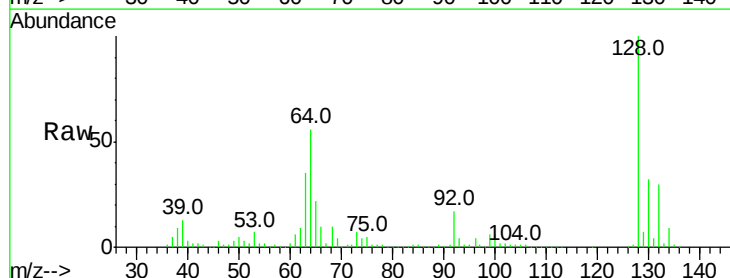
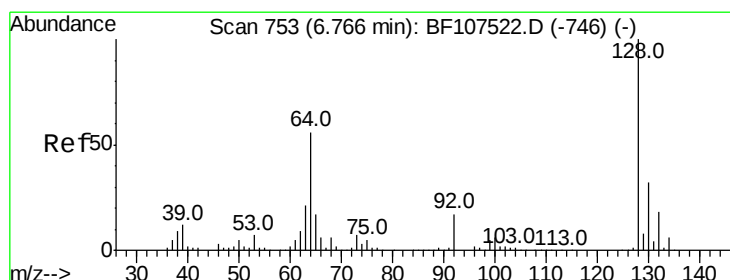
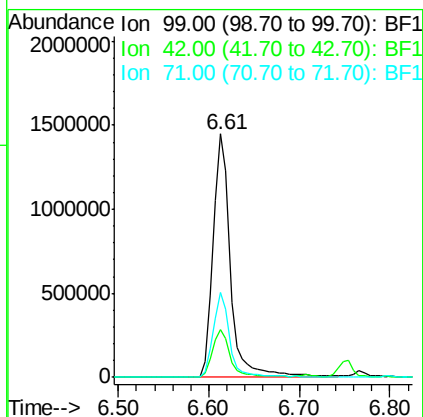
Tot Ion: 99 Resp: 1954836

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

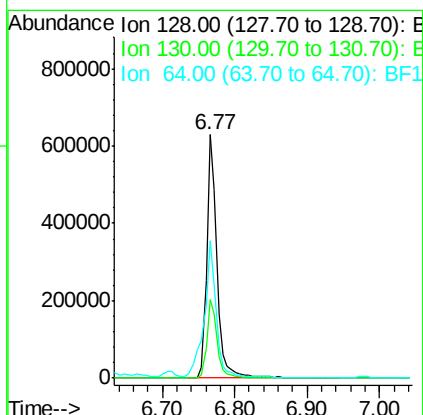
Tgt Ion: 128 Resp: 621865

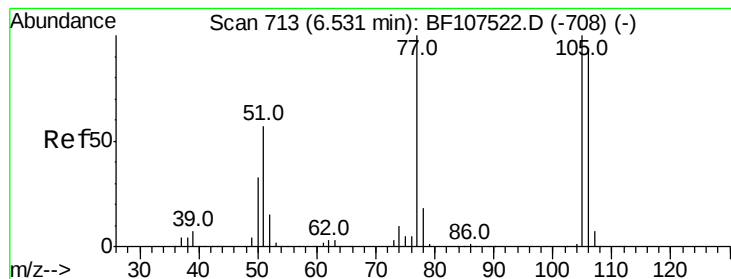
Ion Ratio Lower Upper

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

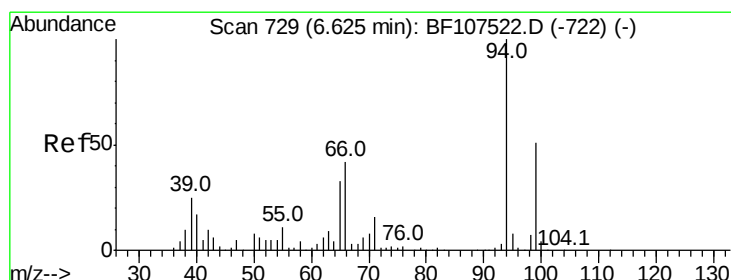
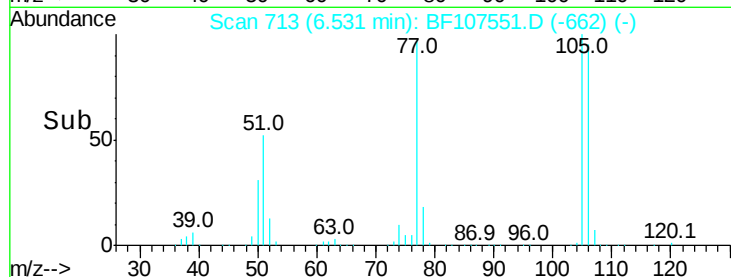
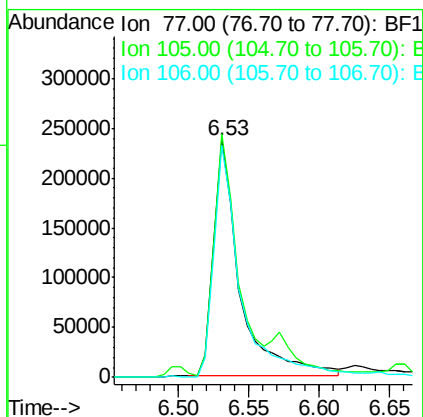
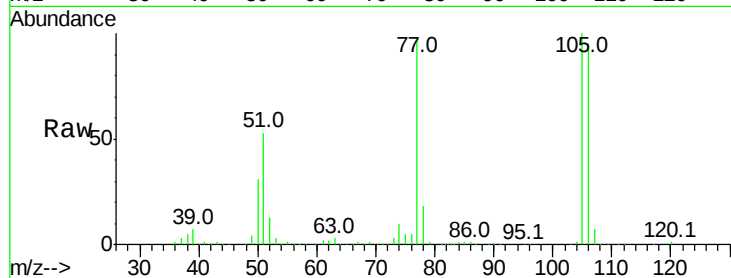
Tot Ion: 77 Resp: 311891

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

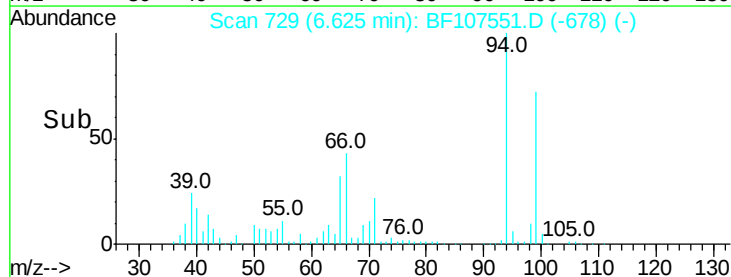
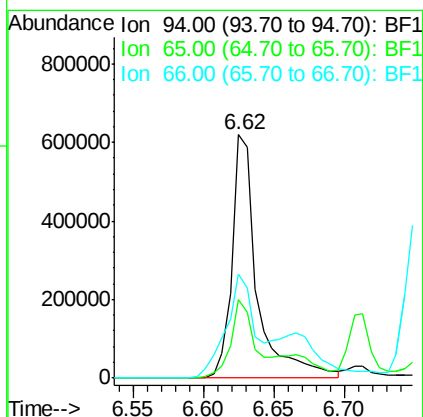
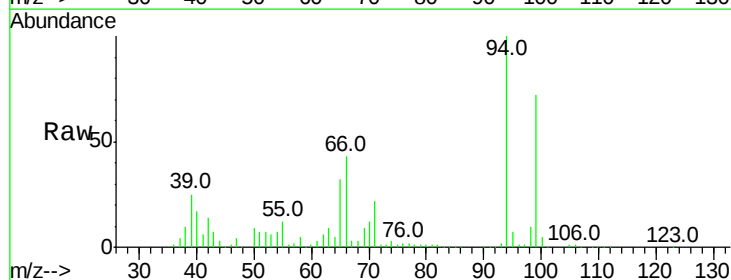
Tgt Ion: 94 Resp: 775893

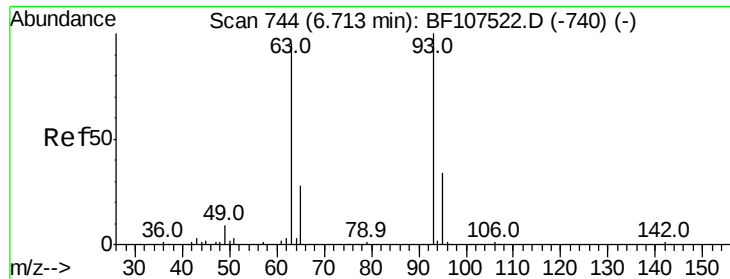
Ion Ratio Lower Upper

94 100

65 32.0 7.9 47.9

66 42.7 16.2 56.2

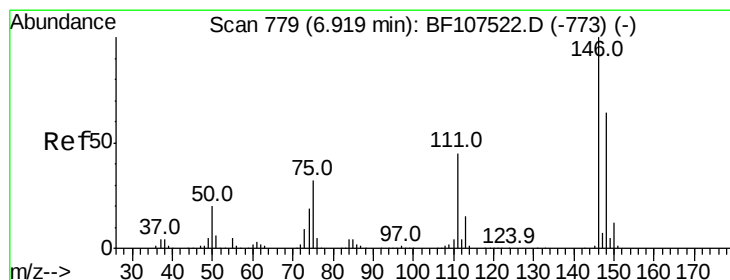
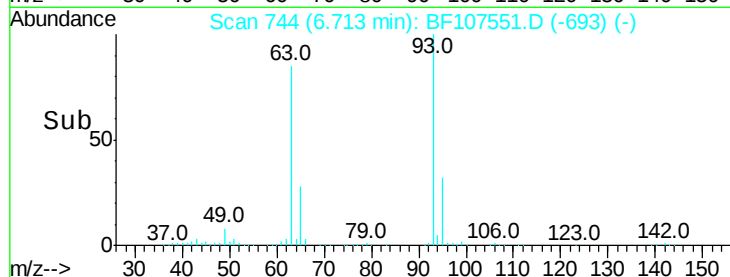
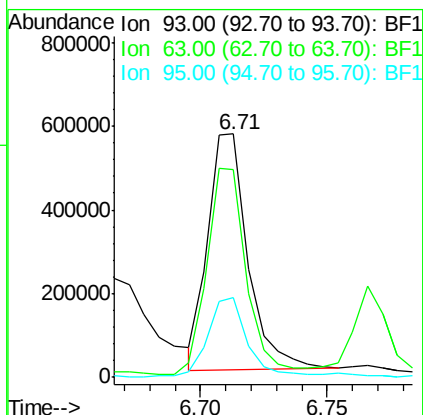
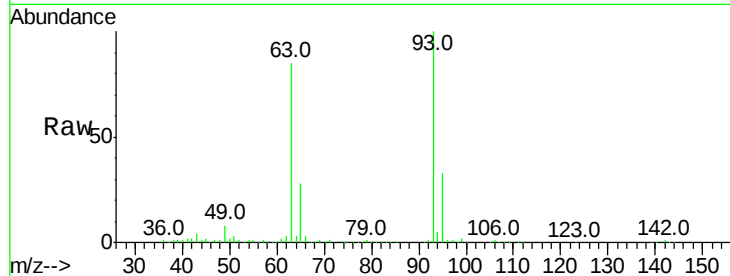




#11
 bis(2-Chloroethyl)ether
 Concen: 30.068 ng
 RT: 6.71 min Scan# 744
 Delta R.T. 0.00 min
 Lab File: BF107551.D
 Acq: 21 Jul 2018 3:36

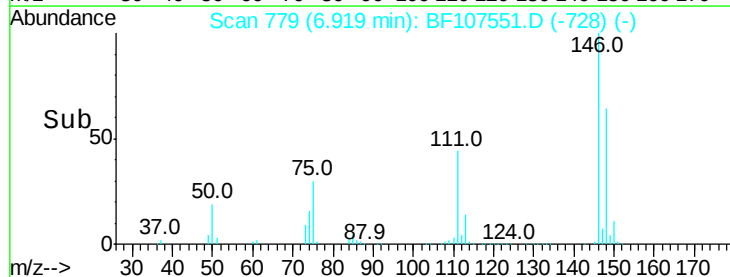
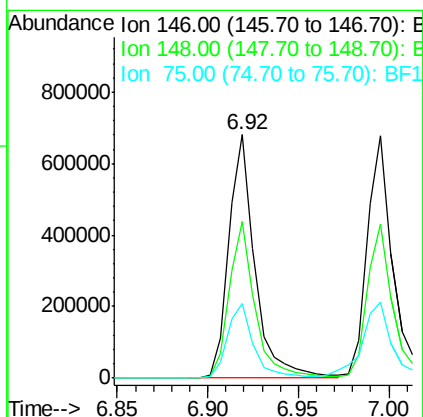
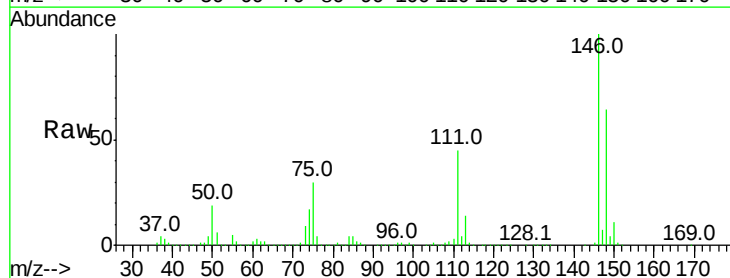
Instrument :
 BNA_F
 ClientSampleId :
 SB1-12-0MSD

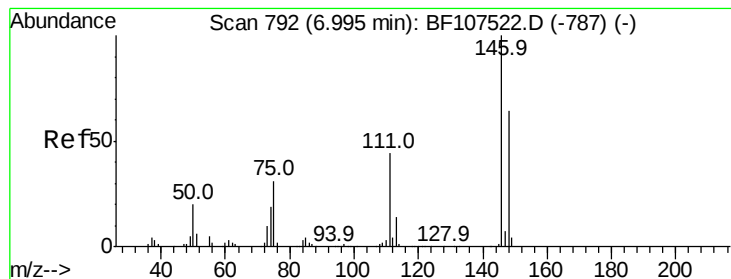
Tot Ion: 93 Resp: 620875
 Ion Ratio Lower Upper
 93 100
 63 85.2 58.6 98.6
 95 33.0 11.8 51.8



#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

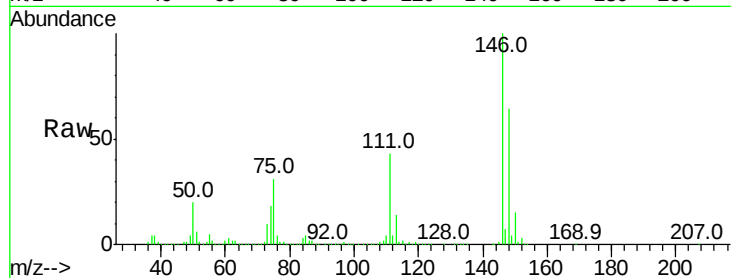
Tot Ion:146 Resp: 711812

Ion Ratio Lower Upper

146 100

148 63.6 50.8 76.2

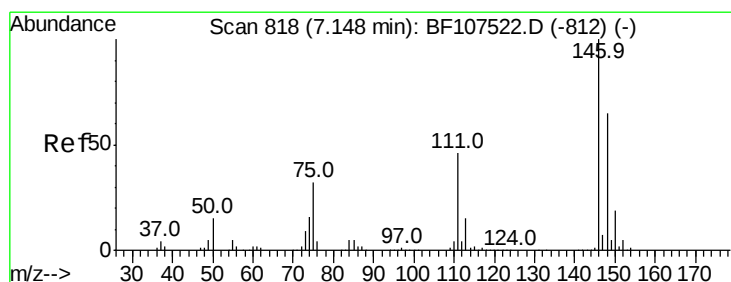
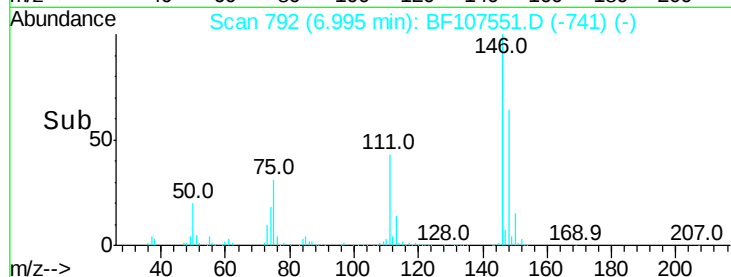
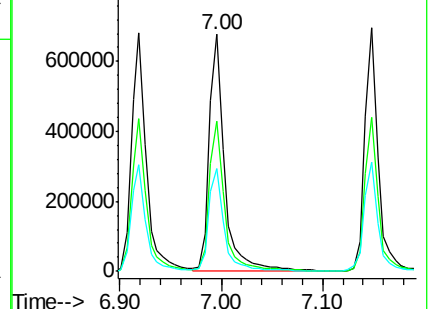
111 43.3 34.2 51.2



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

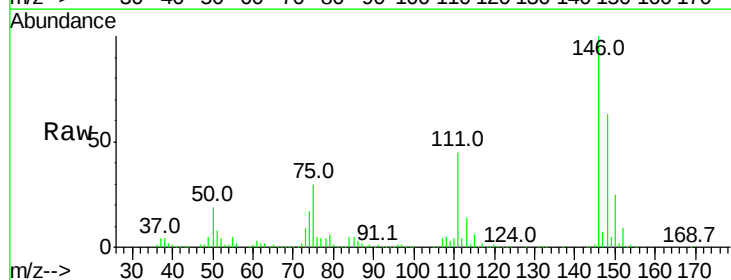
Tgt Ion:146 Resp: 639480

Ion Ratio Lower Upper

146 100

148 63.0 50.6 75.8

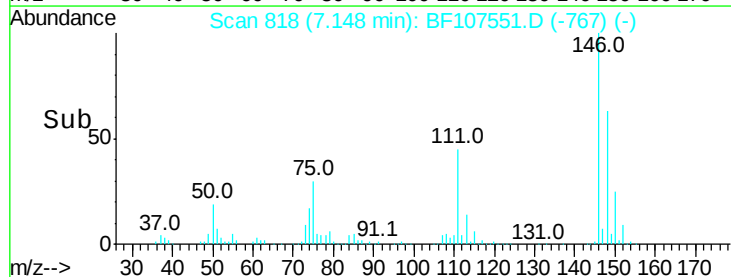
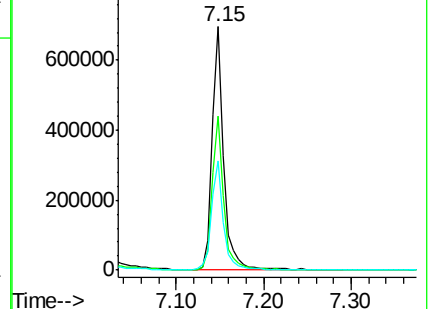
111 44.7 36.0 54.0

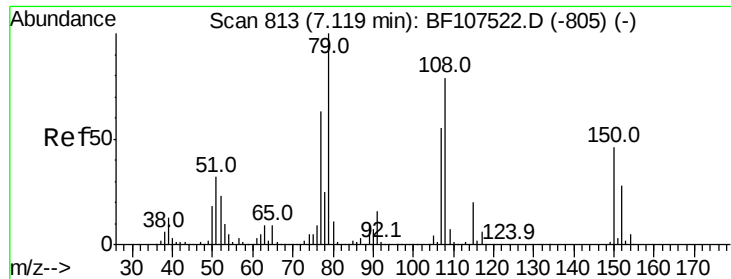


Abundance Ion 146.00 (145.70 to 146.70): E

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

ClientSampleId :

SB1-12-0MSD

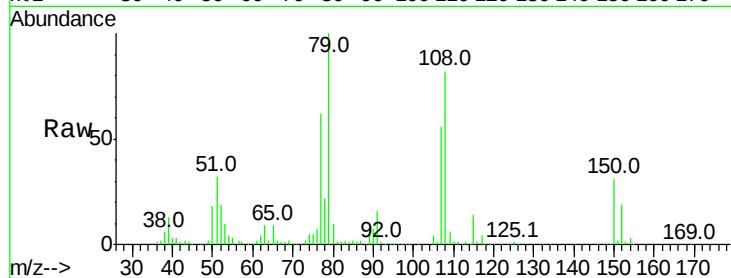
Tot Ion: 79 Resp: 479457

Ion Ratio Lower Upper

79 100

108 81.7 65.1 97.7

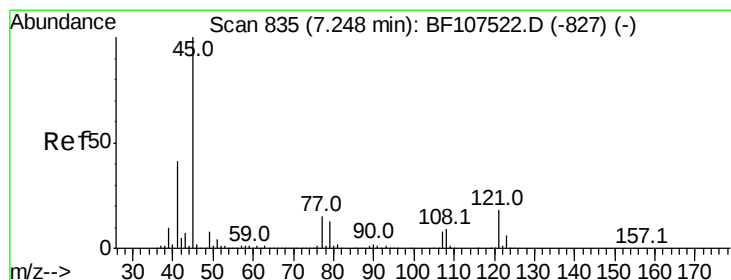
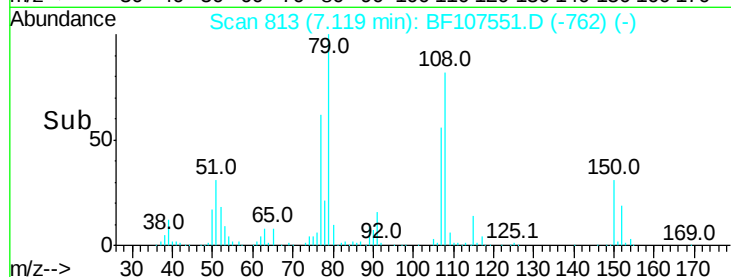
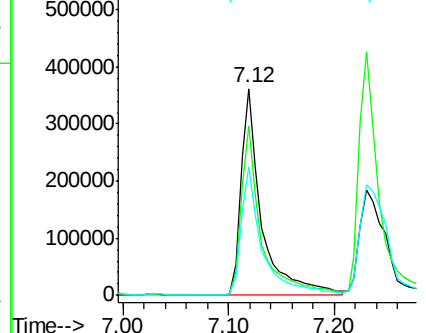
77 61.7 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 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

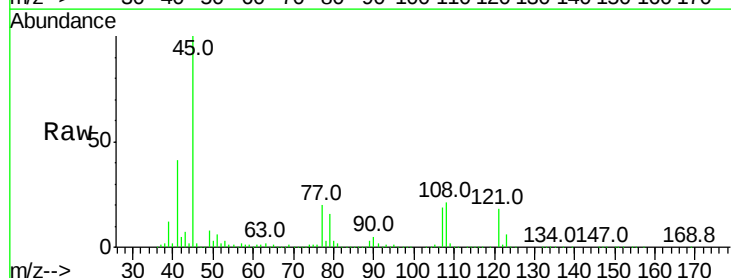
Tgt Ion: 45 Resp: 1058046

Ion Ratio Lower Upper

45 100

77 20.1 0.0 32.9

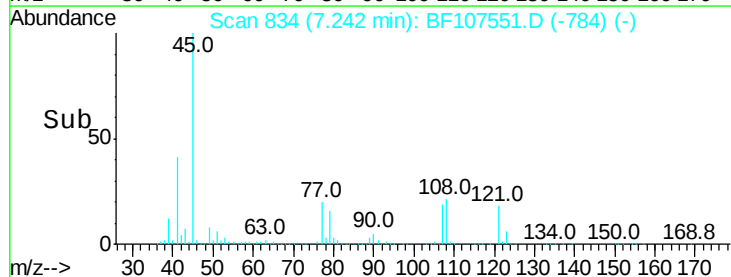
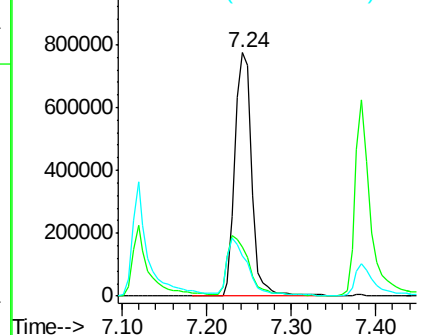
79 16.4 0.0 29.6

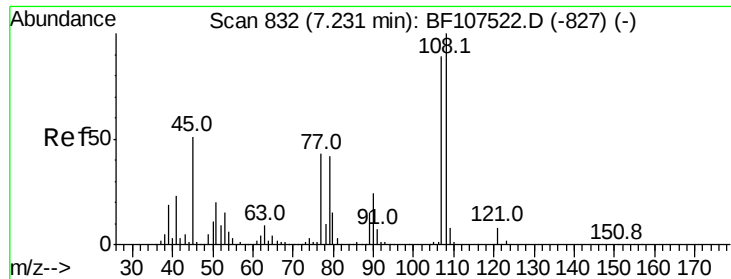


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

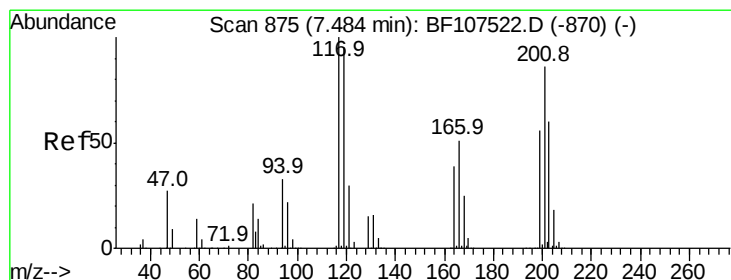
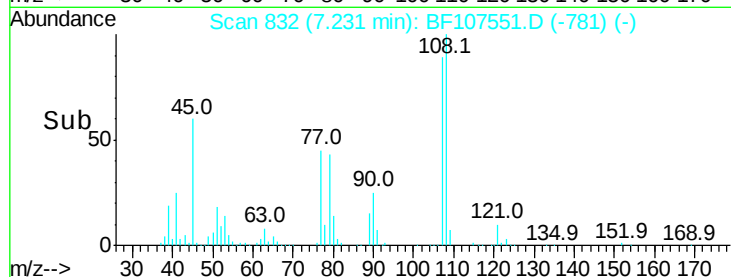
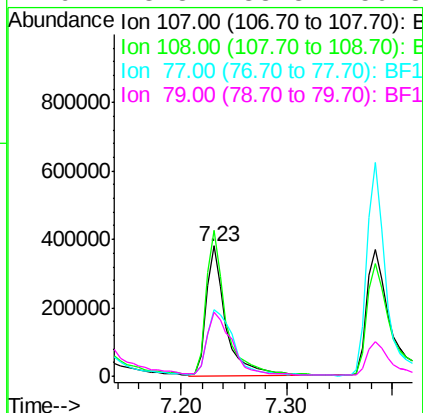
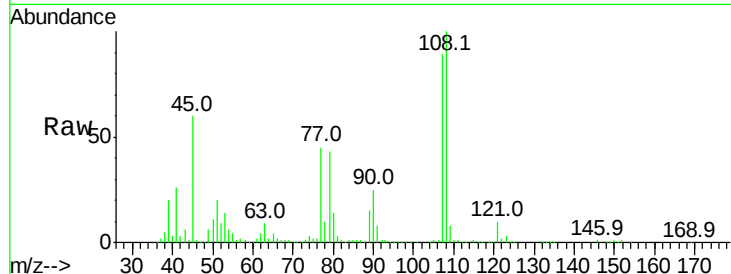




#17
2-Methylphenol
Concen: 30.545 ng
RT: 7.23 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF107551.D
Acq: 21 Jul 2018 3:36

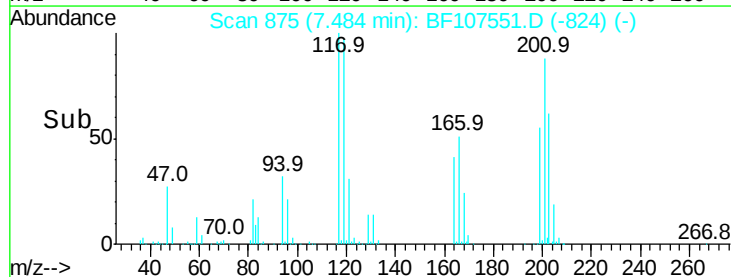
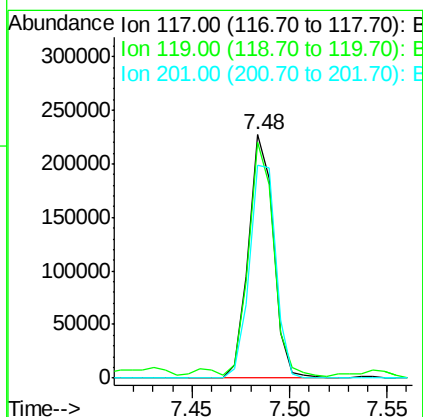
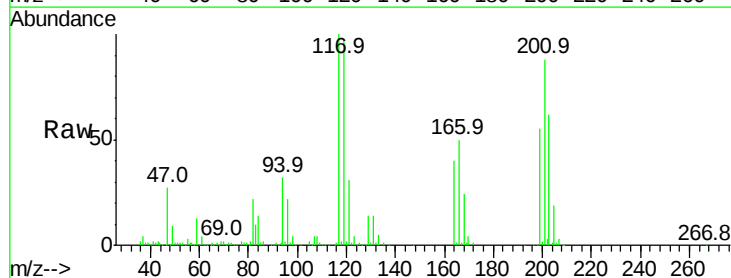
Instrument :
BNA_F
ClientSampleId :
SB1-12-0MSD

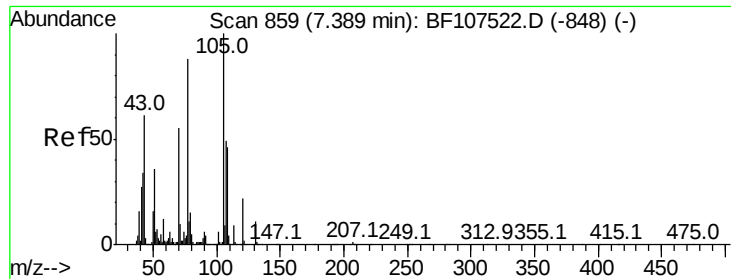
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.1	91.7	137.5
77	50.8	33.8	50.8#
79	48.8	33.8	50.8



#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	Ratio	Lower	Upper
117	100		
119	96.8	75.8	113.8
201	87.6	75.7	113.5

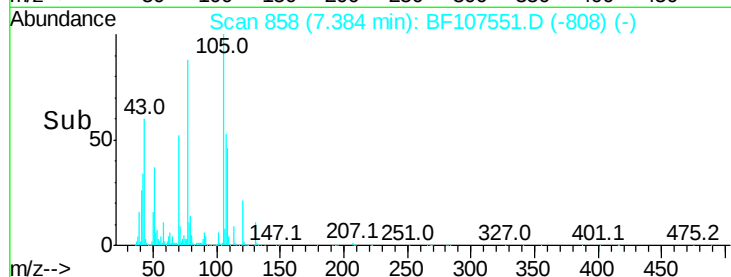
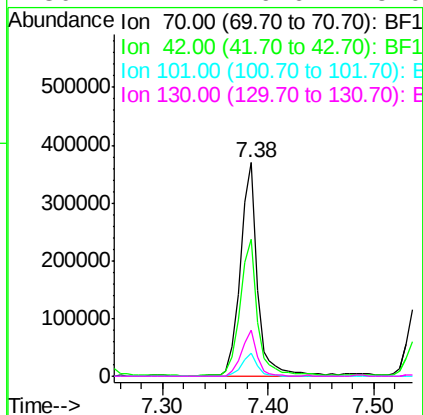
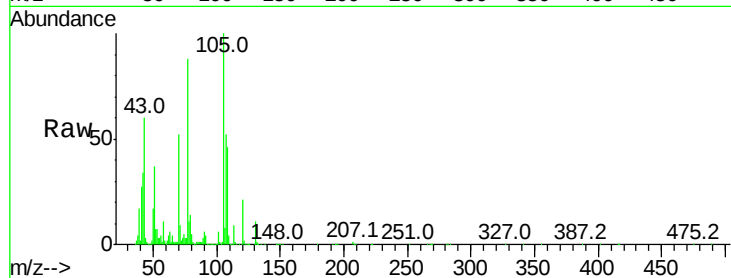




#19
n-Nitroso-di-n-propylamine
Concen: 29.814 ng
RT: 7.38 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF107551.D
Acq: 21 Jul 2018 3:36

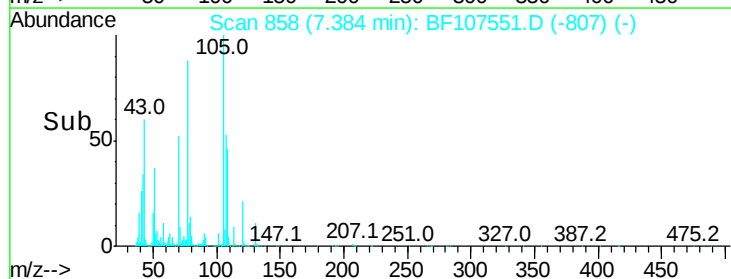
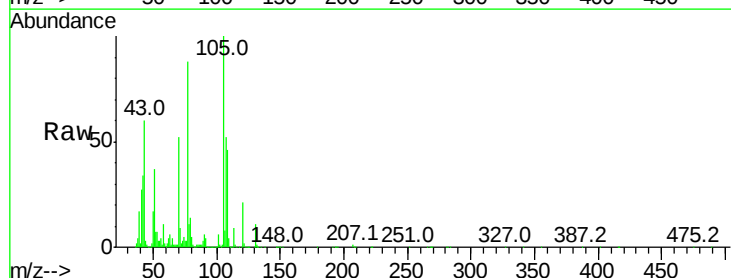
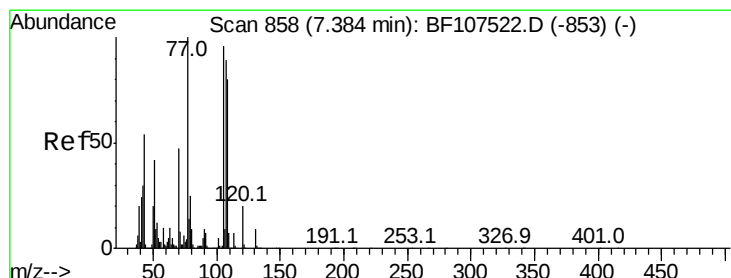
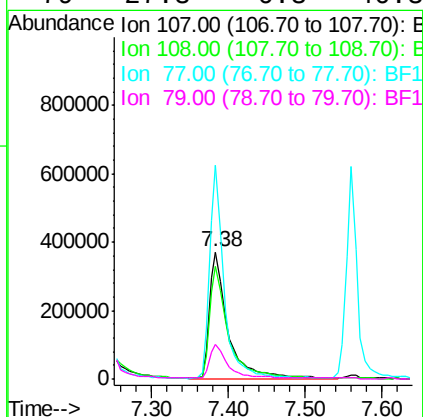
Instrument :
BNA_F
ClientSampleId :
SB1-12-0MSD

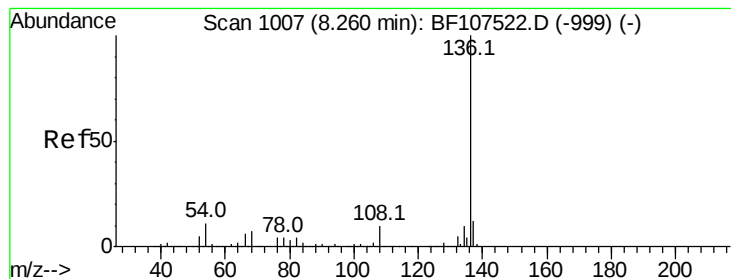
Tot Ion: 70 Resp: 407899
Ion Ratio Lower Upper
70 100
42 64.4 47.5 71.3
101 10.6 7.4 11.2
130 21.7 16.6 25.0



#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

Tot Ion:136 Resp: 944061

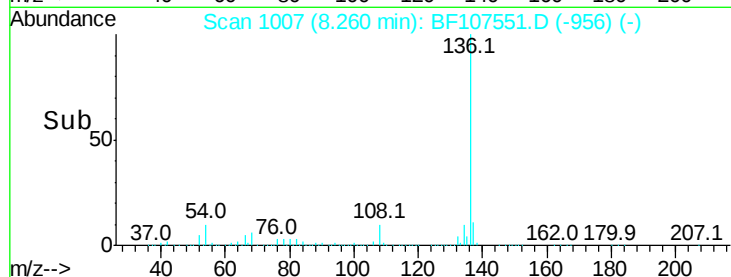
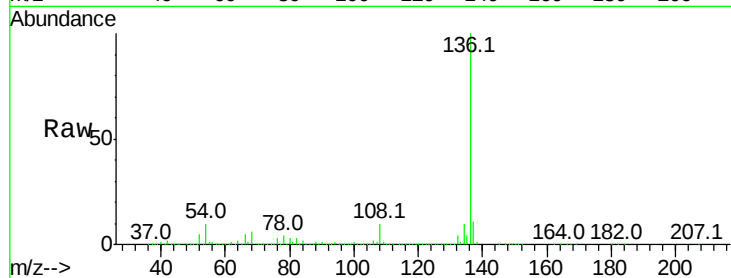
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 10.1 6.6 9.8#

68 6.2 5.0 7.4

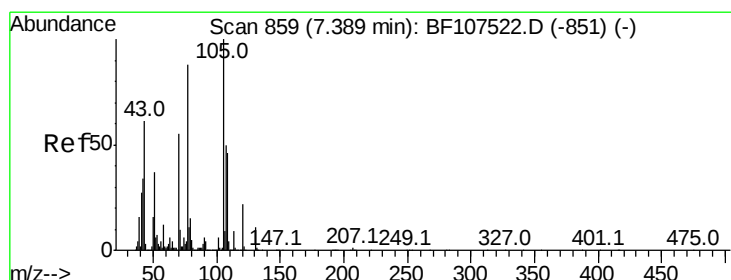
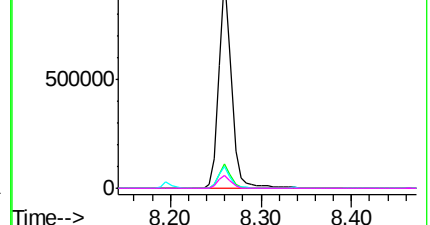


Abundance Ion 136.00 (135.70 to 136.70): E

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



#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

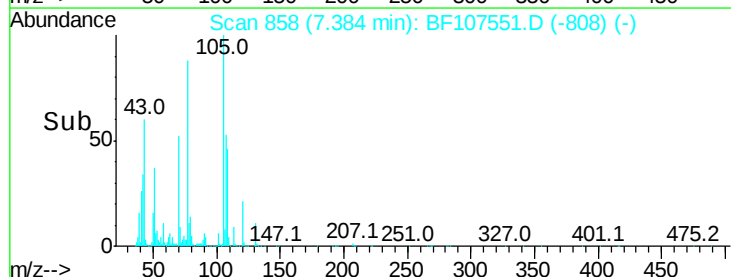
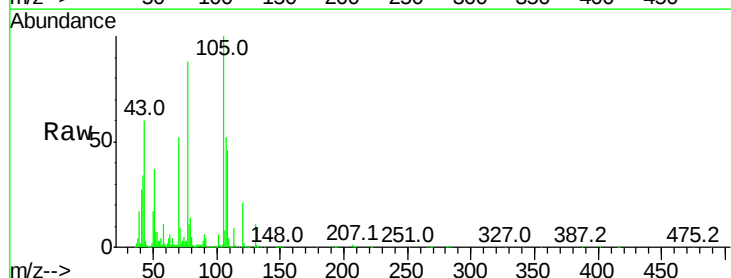
Ion Ratio Lower Upper

105 100

71 8.8 4.4 6.6#

51 37.0 22.3 33.5#

120 21.2 16.9 25.3

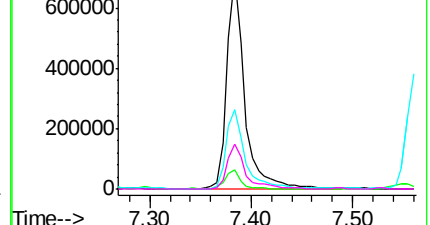


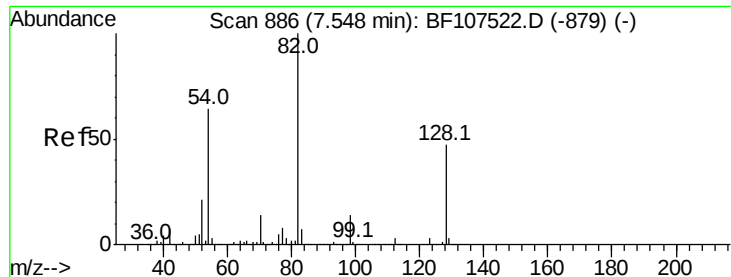
Abundance Ion 105.00 (104.70 to 105.70): E

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

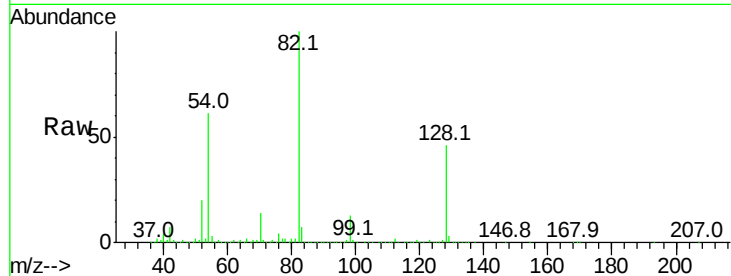




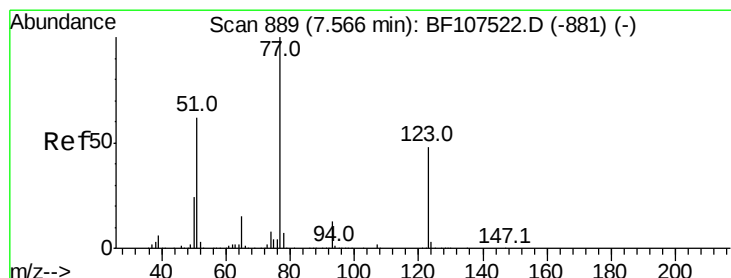
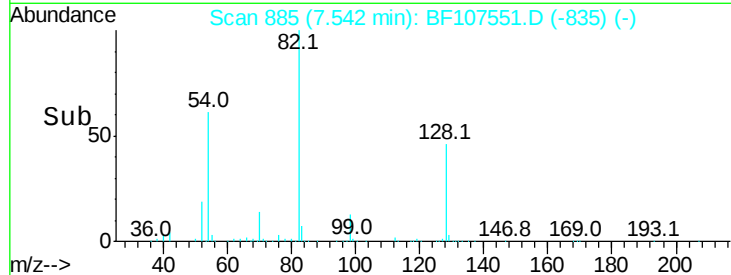
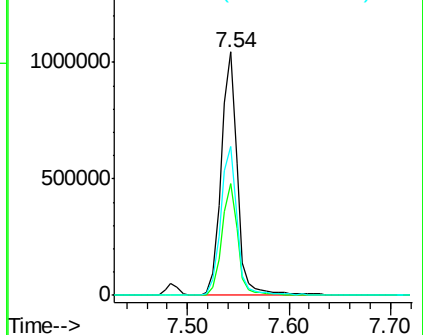
#23
Nitrobenzene-d5
Concen: 82.045 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF107551.D
Acq: 21 Jul 2018 3:36

Instrument :
BNA_F
ClientSampleId :
SB1-12-0MSD

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

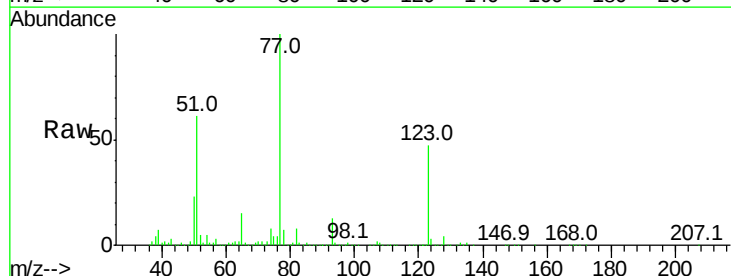


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

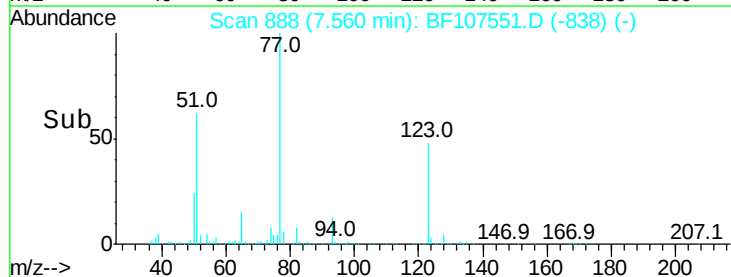
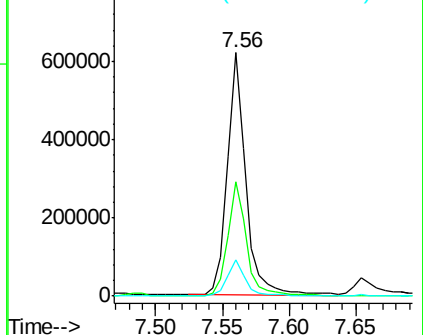


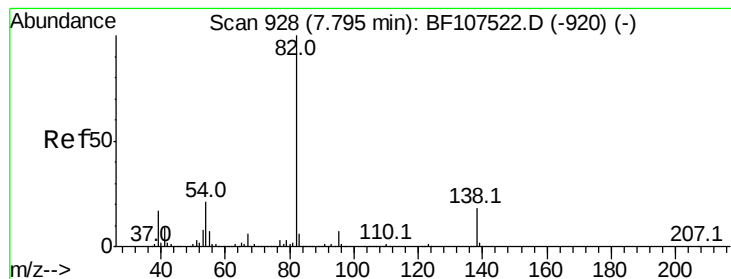
#24
Nitrobenzene
Concen: 38.229 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF107551.D
Acq: 21 Jul 2018 3:36

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



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





#25

Isophorone

Concen: 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

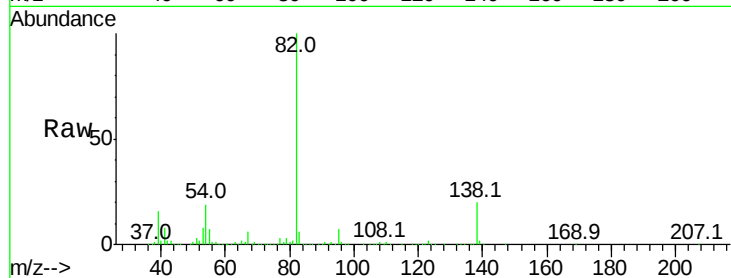
Tot Ion: 82 Resp: 1052400

Ion Ratio Lower Upper

82 100

95 7.4 5.2 7.8

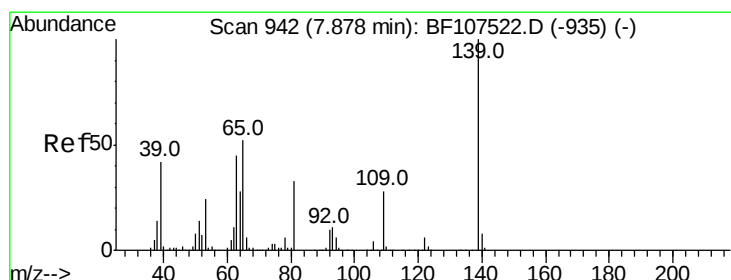
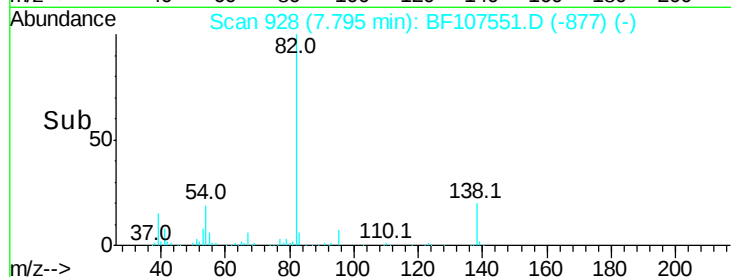
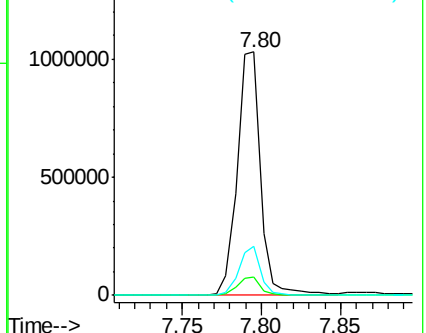
138 20.1 14.9 22.3



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

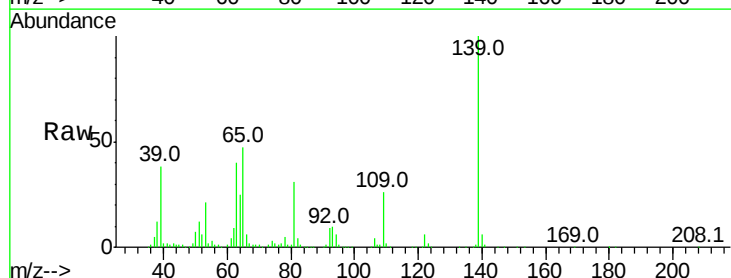
Tgt Ion:139 Resp: 262289

Ion Ratio Lower Upper

139 100

109 26.0 22.7 34.1

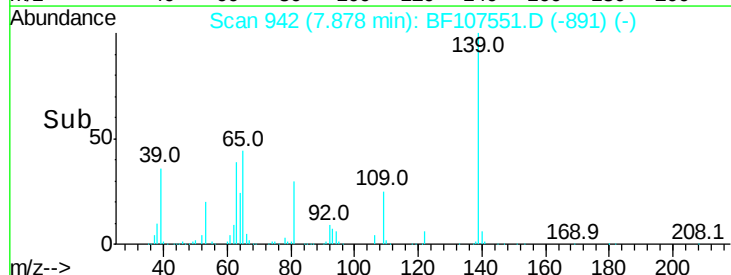
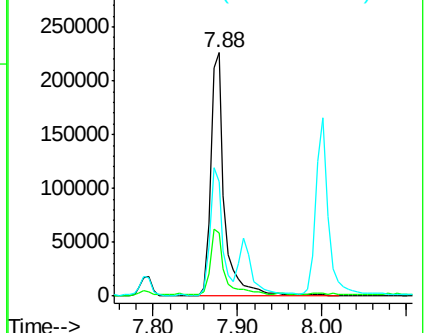
65 47.1 40.5 60.7

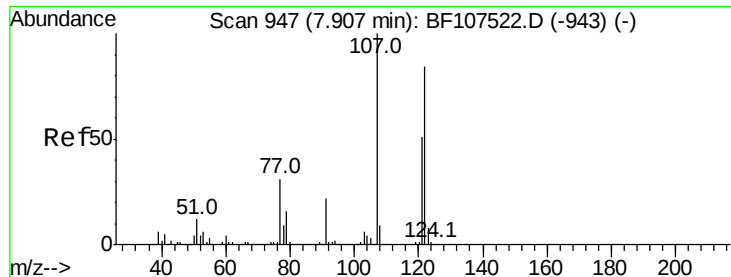


Abundance Ion 139.00 (138.70 to 139.70): BF1

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

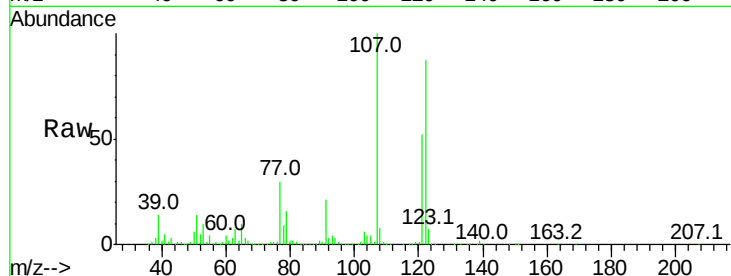
Tot Ion:122 Resp: 473671

Ion Ratio Lower Upper

122 100

107 115.2 91.2 136.8

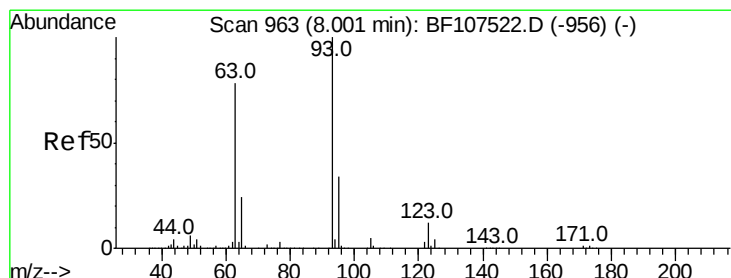
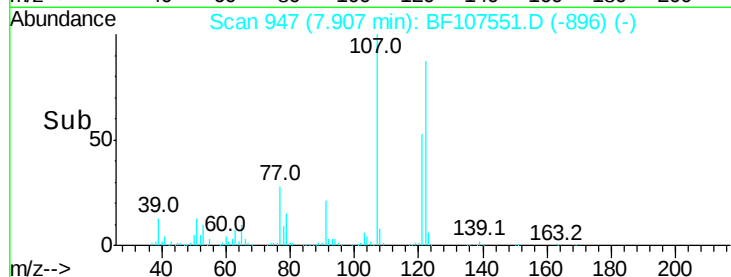
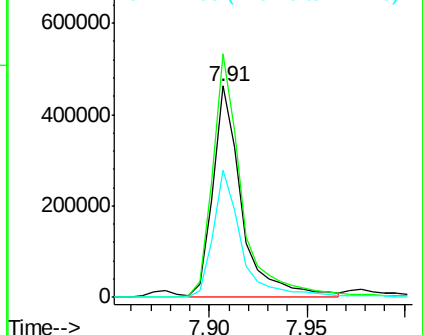
121 60.3 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.306 ng

RT: 8.00 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF107551.D

Acq: 21 Jul 2018 3:36

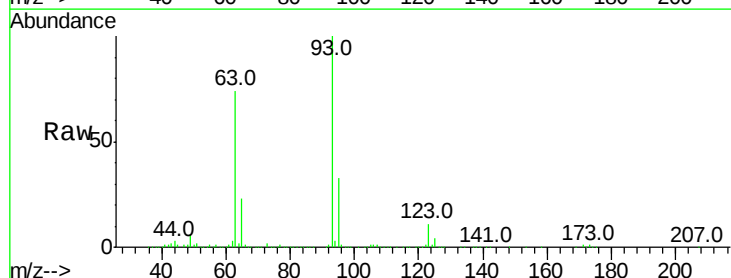
Tgt Ion: 93 Resp: 724694

Ion Ratio Lower Upper

93 100

95 33.2 26.3 39.5

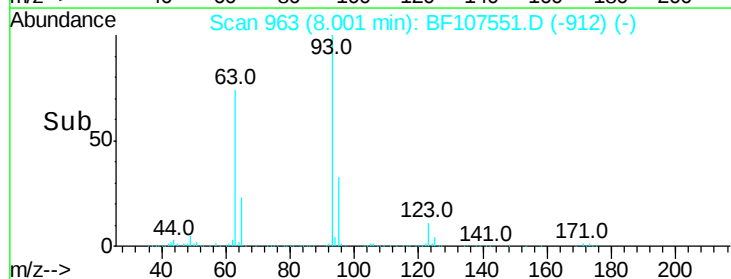
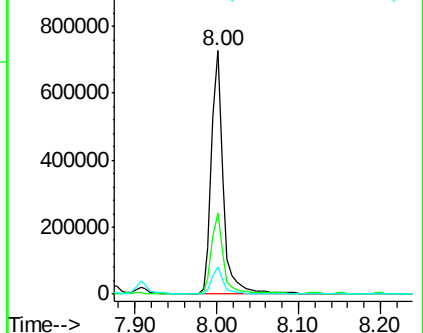
123 11.3 9.8 14.6

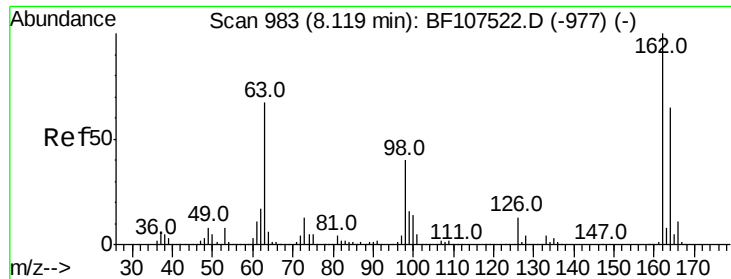


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

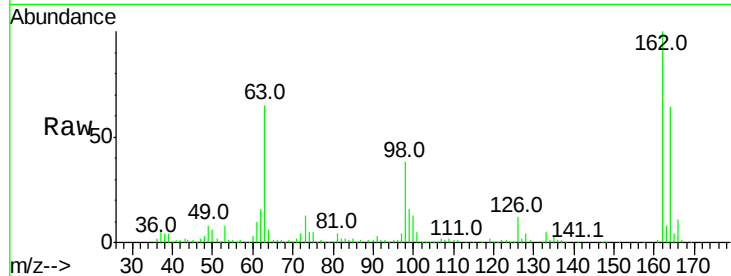




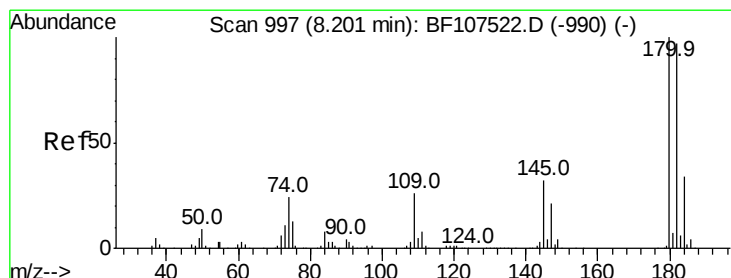
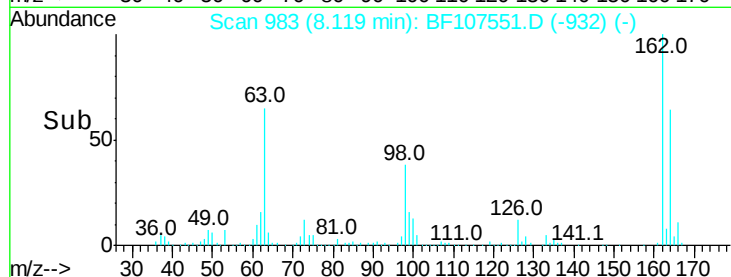
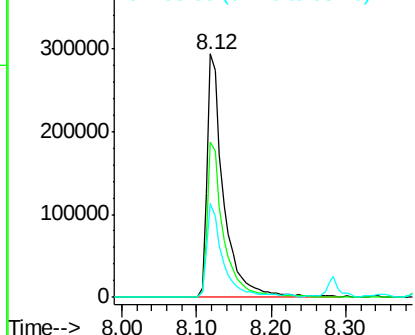
#29
 2,4-Dichlorophenol
 Concen: 34.429 ng
 RT: 8.12 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: BF107551.D
 Acq: 21 Jul 2018 3:36

Instrument :
 BNA_F
 ClientSampleId :
 SB1-12-0MSD

Tot Ion:162 Resp: 450693
 Ion Ratio Lower Upper
 162 100
 164 64.0 42.7 82.7
 98 38.4 18.1 58.1

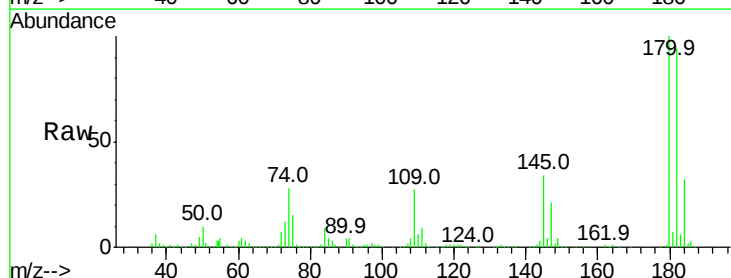


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

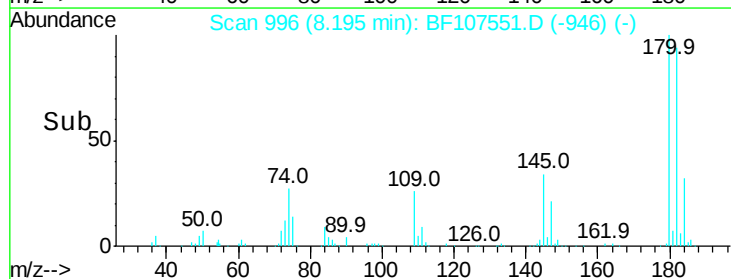
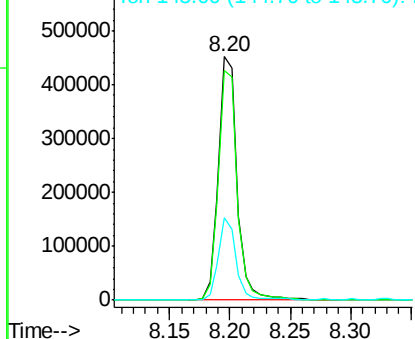


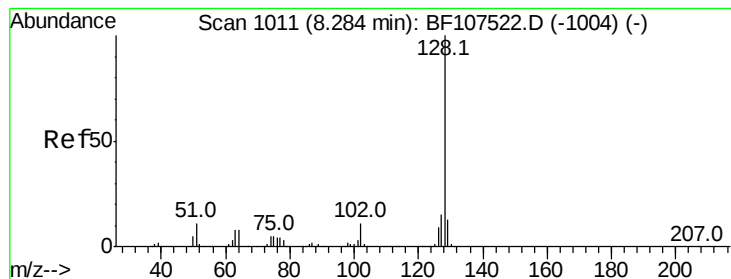
#30
 1,2,4-Trichlorobenzene
 Concen: 32.736 ng
 RT: 8.20 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BF107551.D
 Acq: 21 Jul 2018 3:36

Tgt Ion:180 Resp: 481304
 Ion Ratio Lower Upper
 180 100
 182 94.2 76.8 115.2
 145 33.6 26.5 39.7



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





#31

Naphthalene

Concen: 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 :

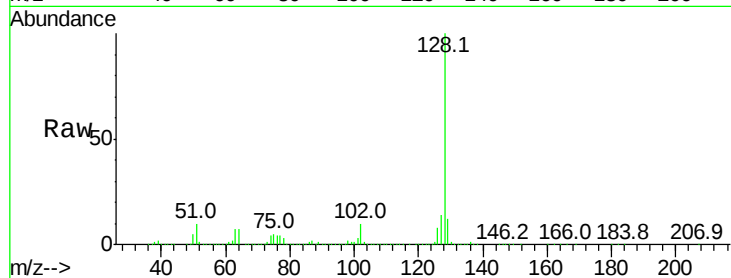
BNA_F

ClientSampleId :

SB1-12-0MSD

Tot Ion:128 Resp: 1599998

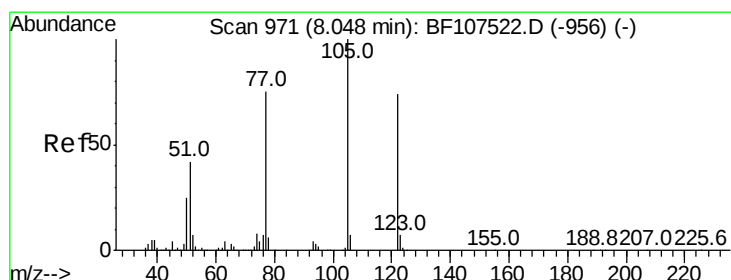
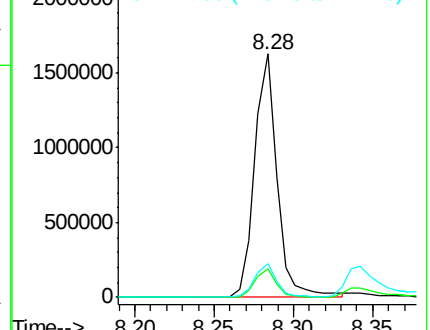
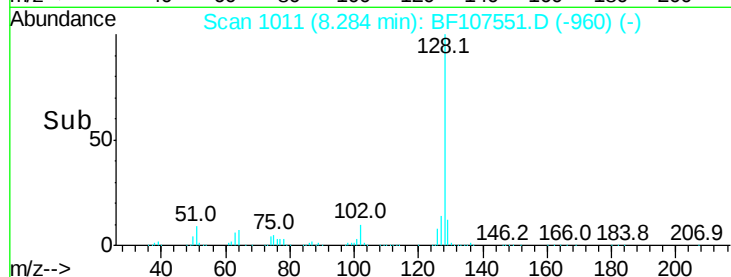
Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.8	13.2
127	14.0	10.9	16.3



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

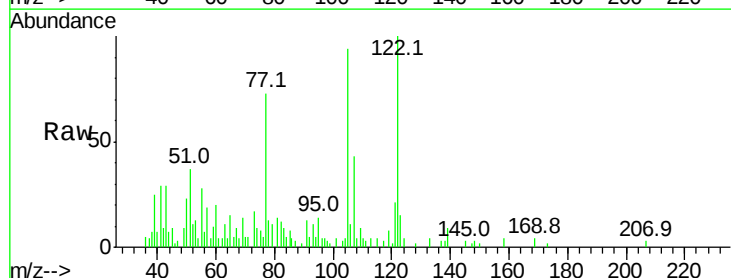
Delta R.T. -0.07 min

Lab File: BF107551.D

Acq: 21 Jul 2018 3:36

Tgt Ion:122 Resp: 37656

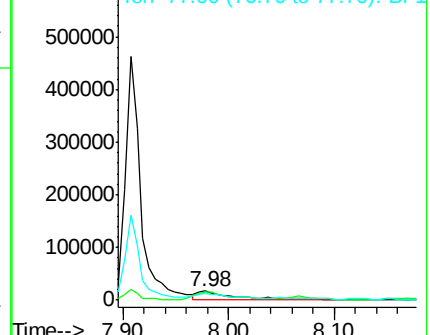
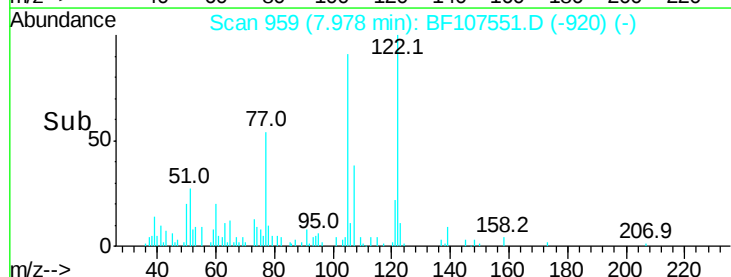
Ion	Ratio	Lower	Upper
122	100		
105	93.7	101.1	141.1#
77	72.7	70.7	110.7

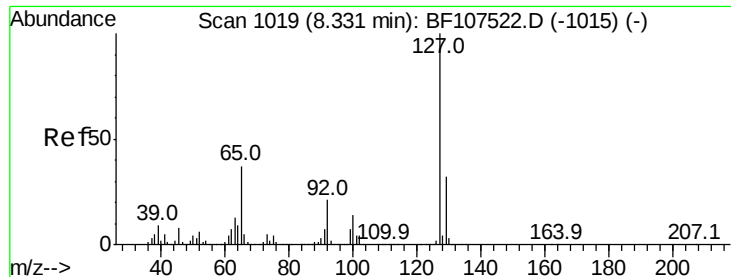


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

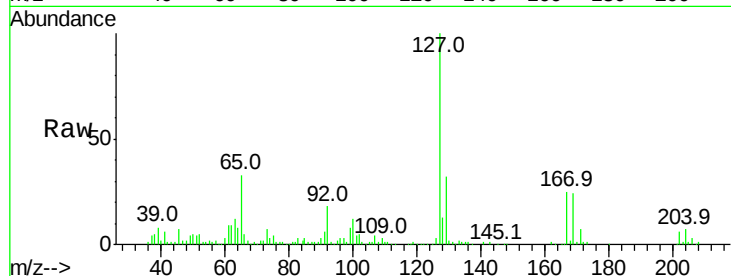




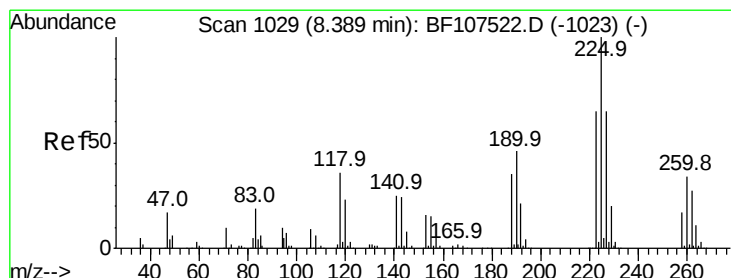
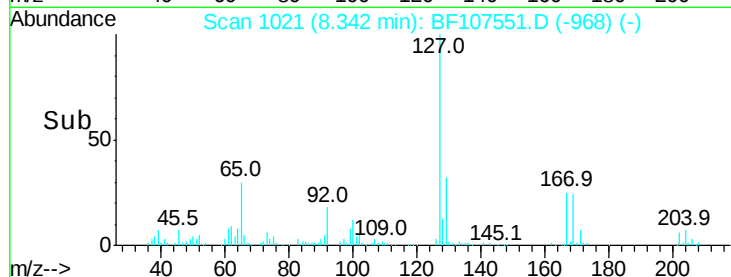
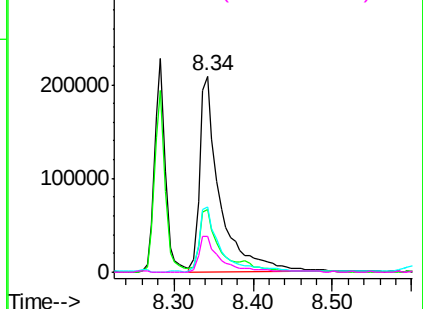
#33
4-Chloroaniline
Concen: 20.536 ng
RT: 8.34 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF107551.D
Acq: 21 Jul 2018 3:36

Instrument :
BNA_F
ClientSampleId :
SB1-12-0MSD

Tot 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

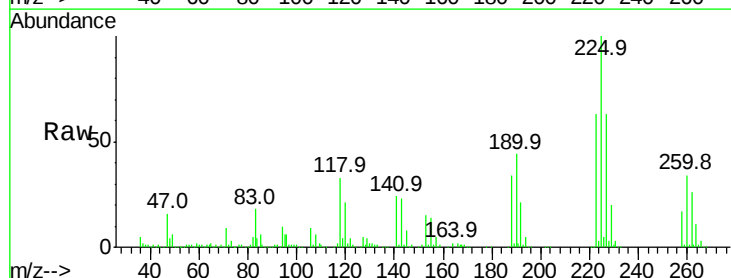


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

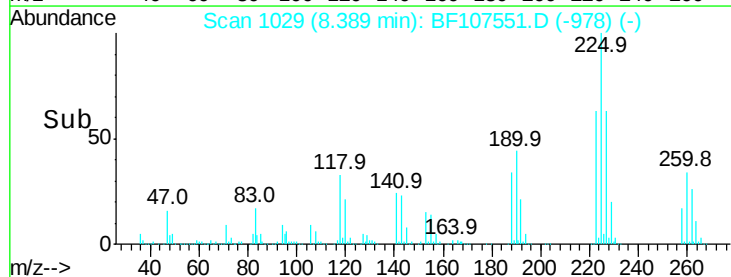
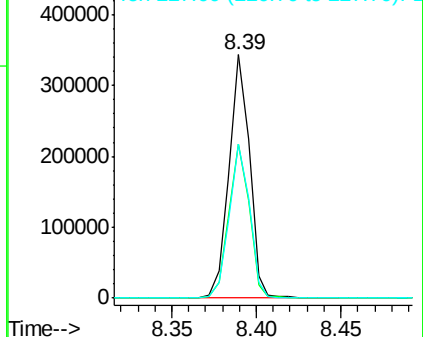


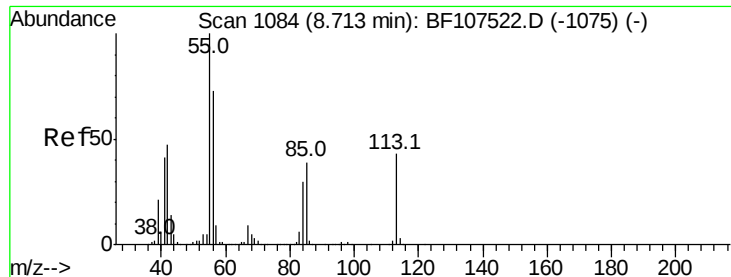
#34
Hexachlorobutadiene
Concen: 33.163 ng
RT: 8.39 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF107551.D
Acq: 21 Jul 2018 3:36

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

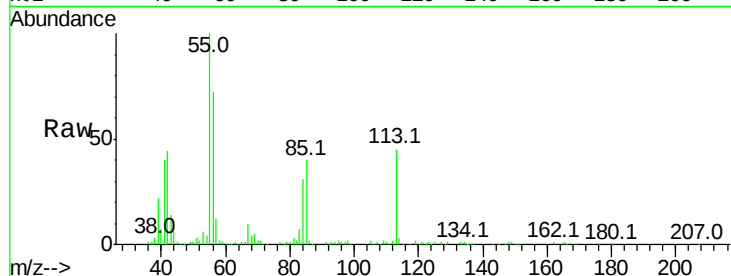
Tot Ion:113 Resp: 131757

Ion Ratio Lower Upper

113 100

55 221.9 163.3 203.3#

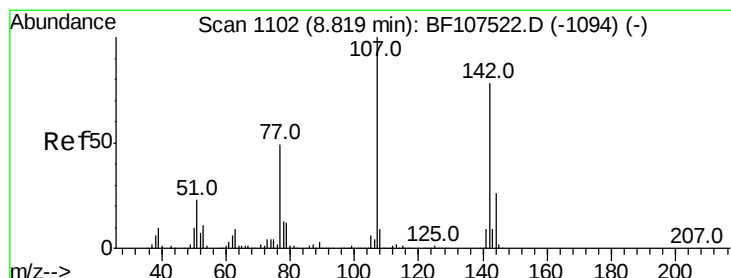
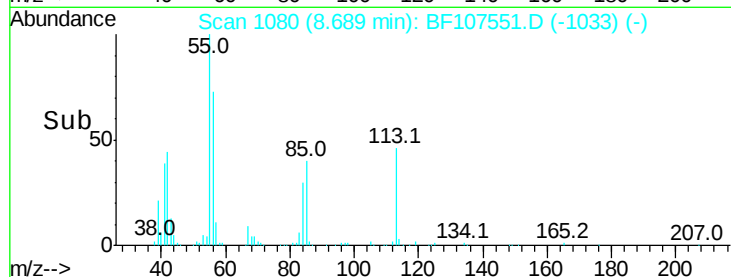
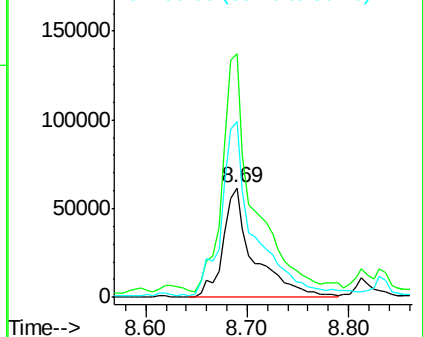
56 160.7 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 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

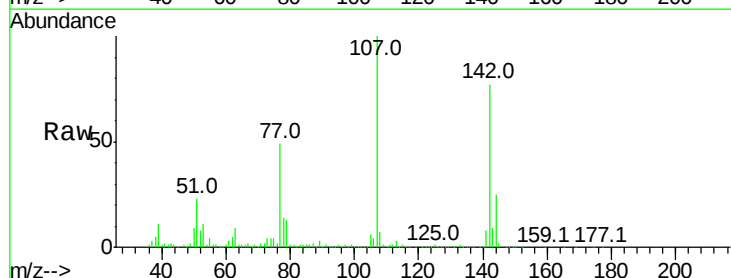
Tgt Ion:107 Resp: 427493

Ion Ratio Lower Upper

107 100

144 25.1 20.5 30.7

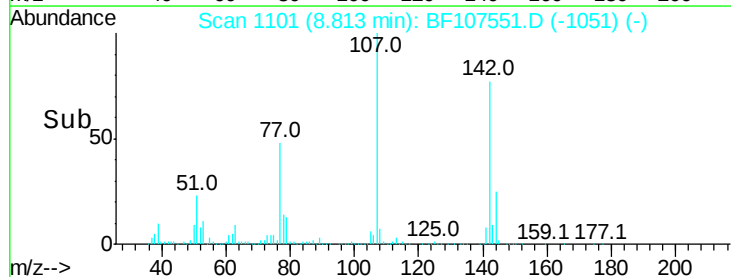
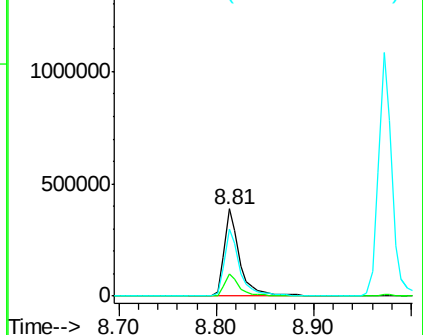
142 76.8 62.0 93.0

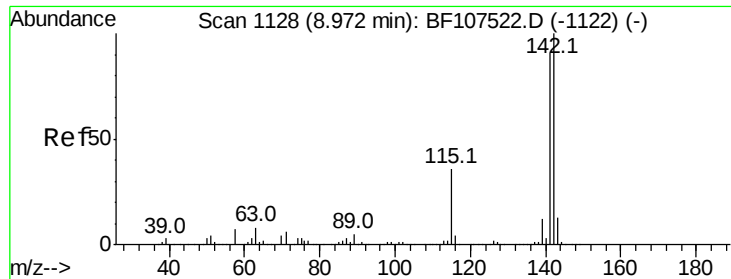


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 36.113 ng

RT: 8.97 min Scan# 1128

Delta R.T. 0.00 min

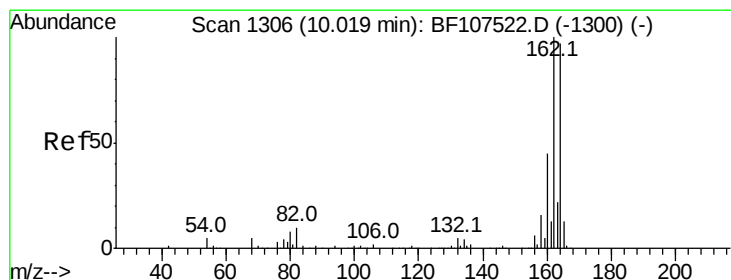
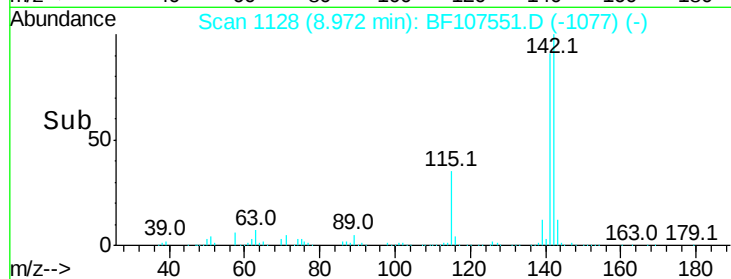
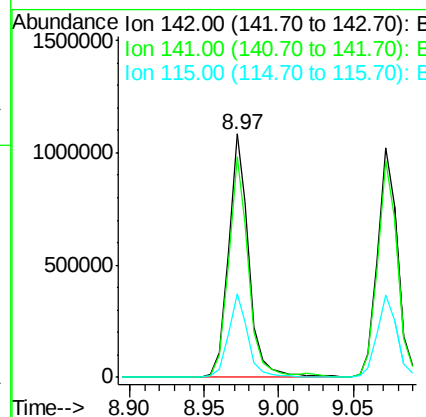
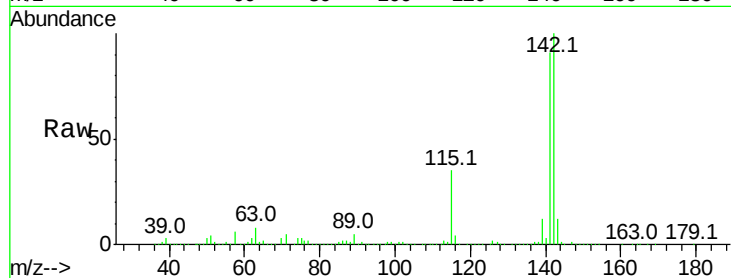
Lab File: BF107551.D

Acq: 21 Jul 2018 3:36

Instrument :
BNA_F
ClientSampleId :
SB1-12-0MSD

Tot Ion:142 Resp: 1038902

Ion	Ratio	Lower	Upper
142	100		
141	90.8	70.8	106.2
115	34.6	26.1	39.1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1306

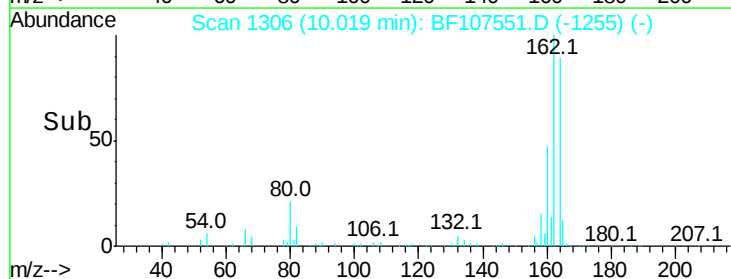
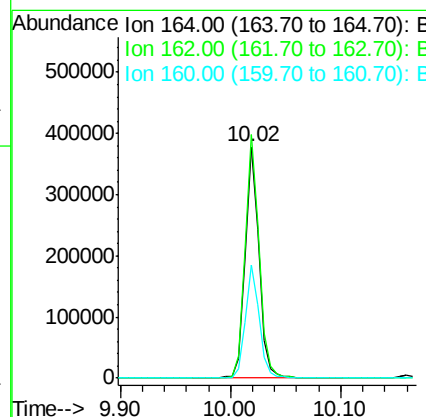
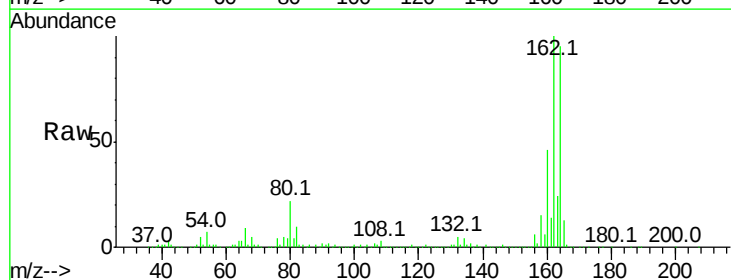
Delta R.T. 0.00 min

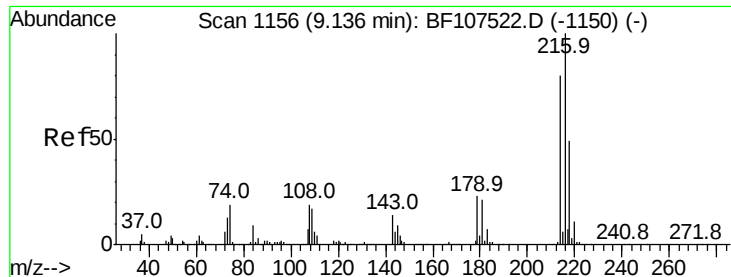
Lab File: BF107551.D

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

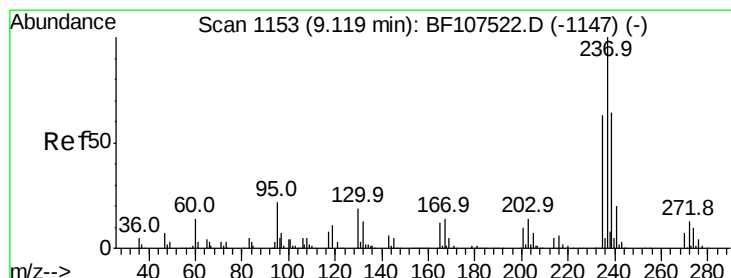
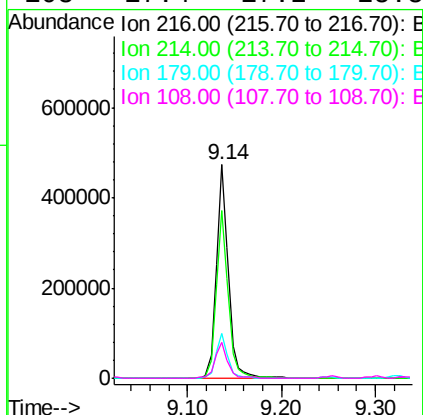
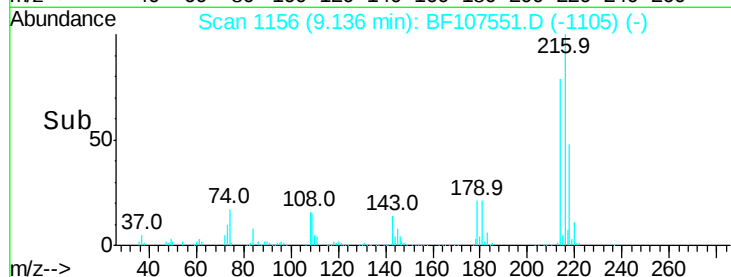
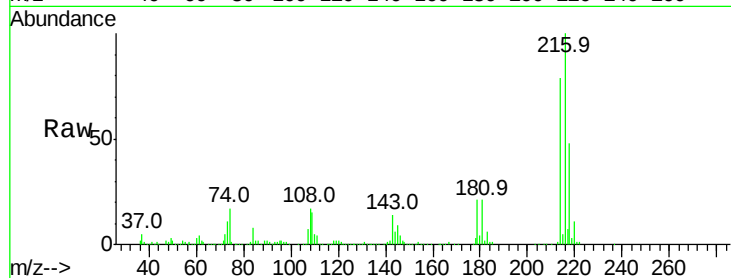




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.261 ng
 RT: 9.14 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF107551.D
 Acq: 21 Jul 2018 3:36

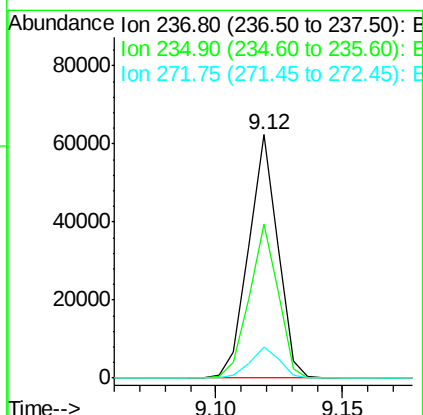
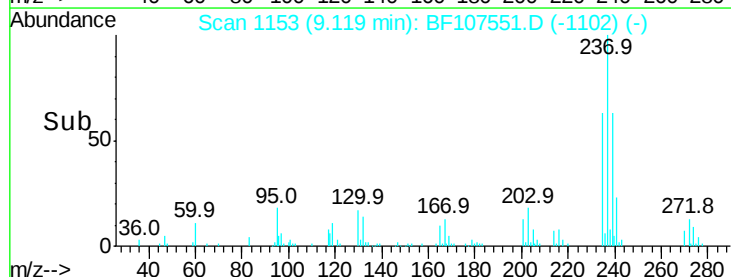
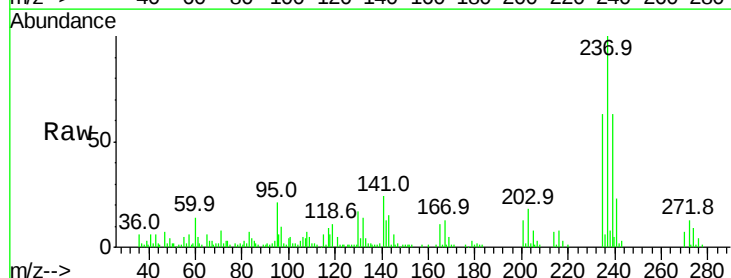
Instrument :
 BNA_F
 ClientSampleId :
 SB1-12-0MSD

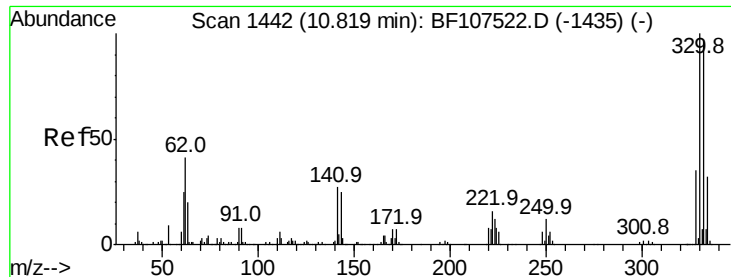
Tot Ion:	216	Resp:	428290
Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.0	94.4
179	20.9	18.1	27.1
108	17.4	17.2	25.8



#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

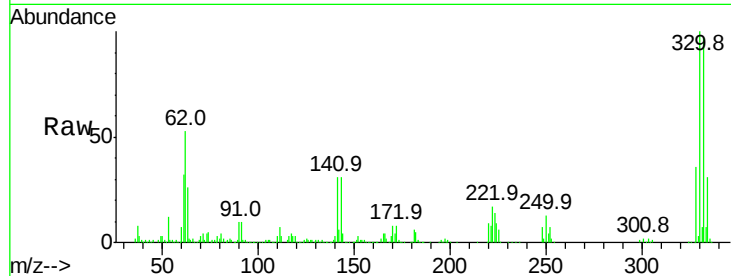




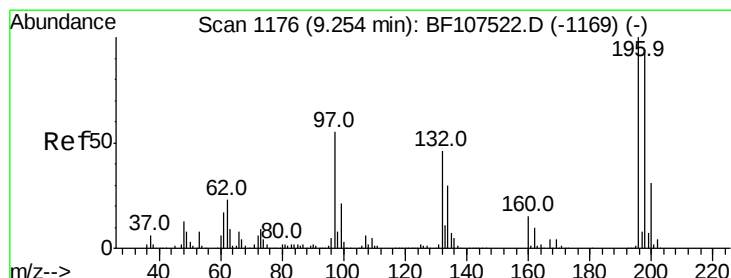
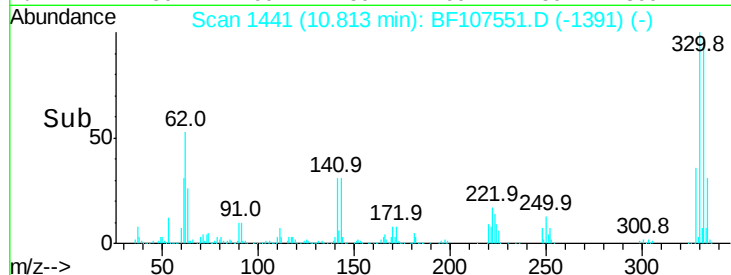
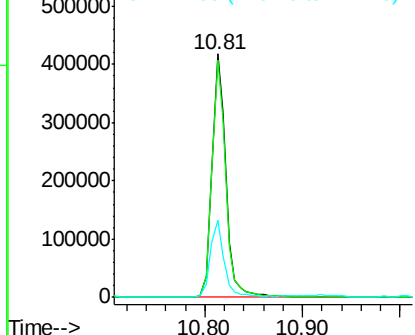
#41
 2,4,6-Tribromophenol
 Concen: 107.879 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF107551.D
 Acq: 21 Jul 2018 3:36

Instrument :
 BNA_F
 ClientSampleId :
 SB1-12-0MSD

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

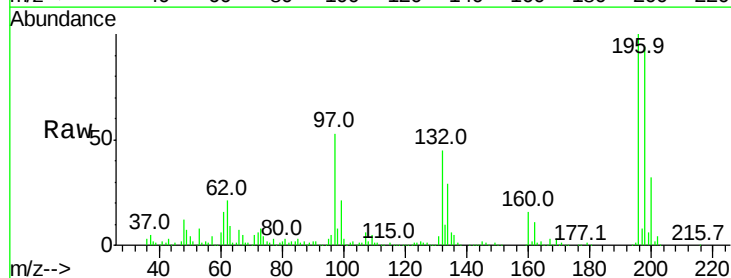


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

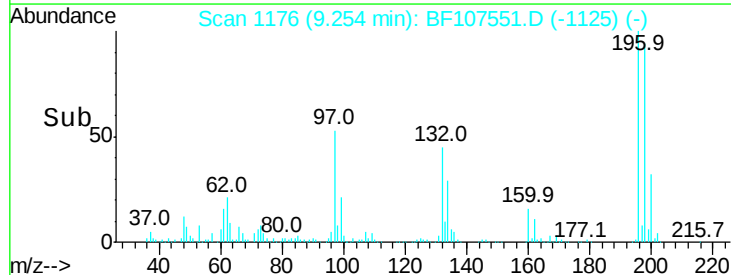
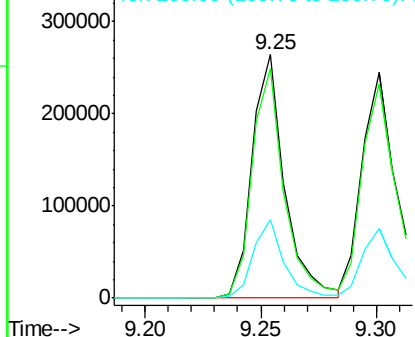


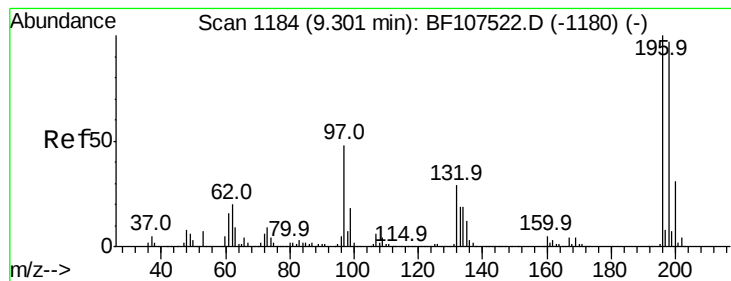
#42
 2,4,6-Trichlorophenol
 Concen: 36.520 ng
 RT: 9.25 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF107551.D
 Acq: 21 Jul 2018 3:36

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



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

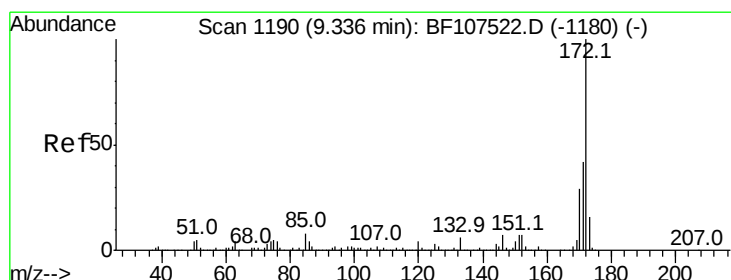
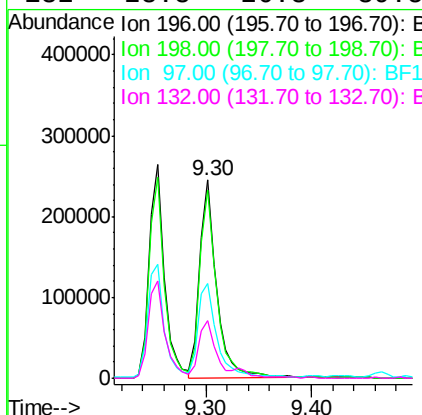
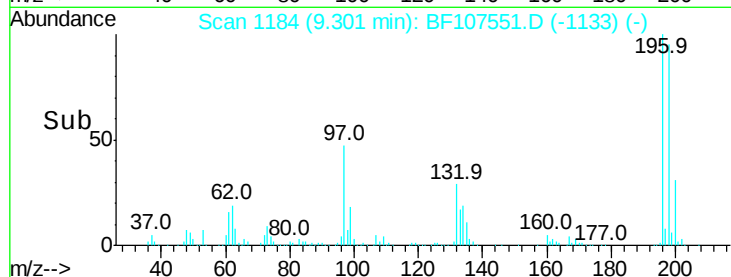
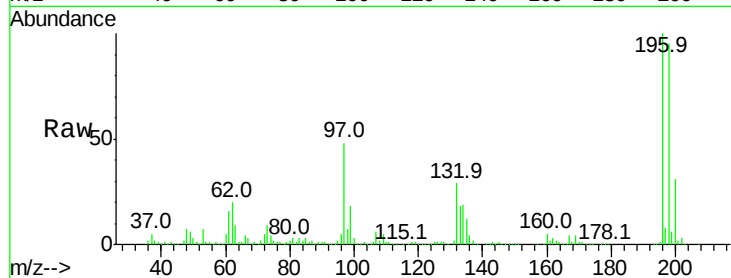




#43
 2,4,5-Trichlorophenol
 Concen: 36.465 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF107551.D
 Acq: 21 Jul 2018 3:36

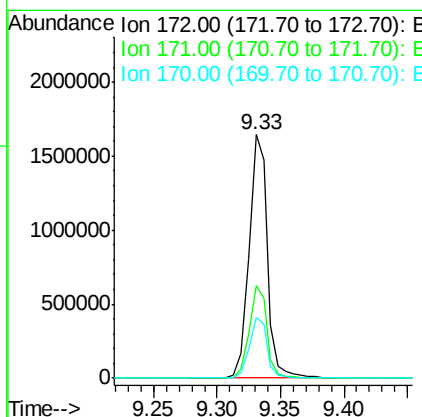
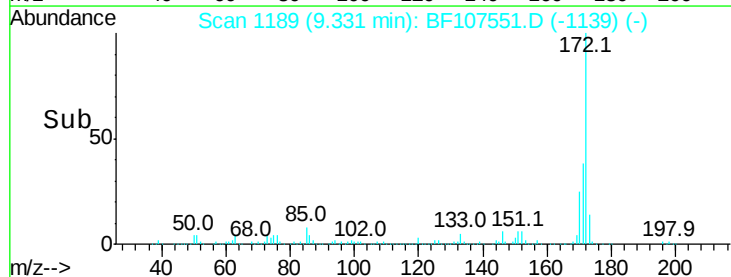
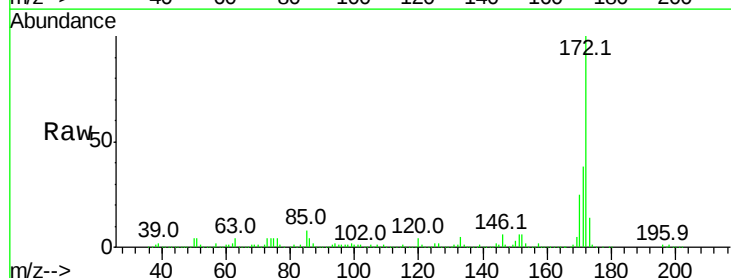
Instrument :
 BNA_F
 ClientSampleId :
 SB1-12-0MSD

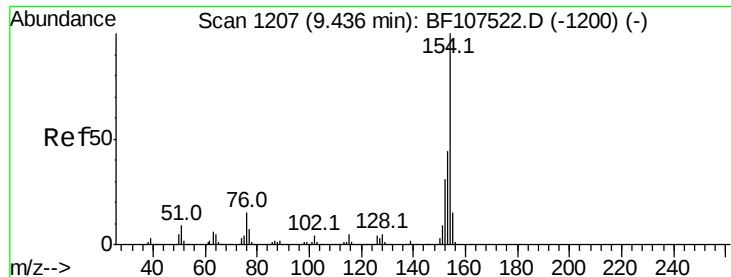
Tot Ion:	196	Resp:	273070
Ion	Ratio	Lower	Upper
196	100		
198	95.0	74.6	112.0
97	47.5	42.9	64.3
132	28.8	26.3	39.5



#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:	172	Resp:	1650589
Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.7	44.5
170	24.9	19.6	29.4



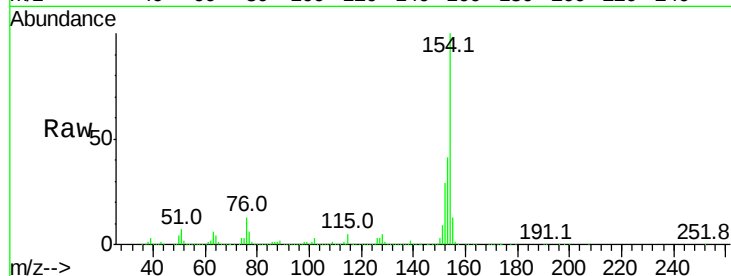


#45
 1,1'-Biphenyl
 Concen: 37.970 ng
 RT: 9.44 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF107551.D
 Acq: 21 Jul 2018 3:36

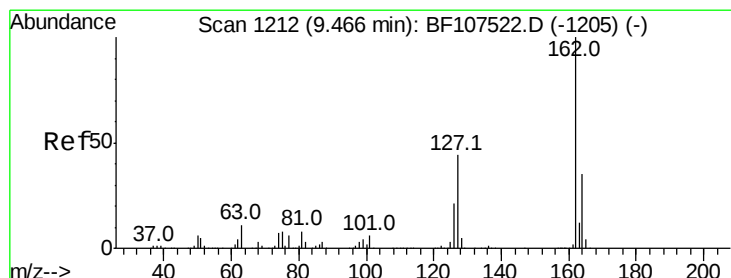
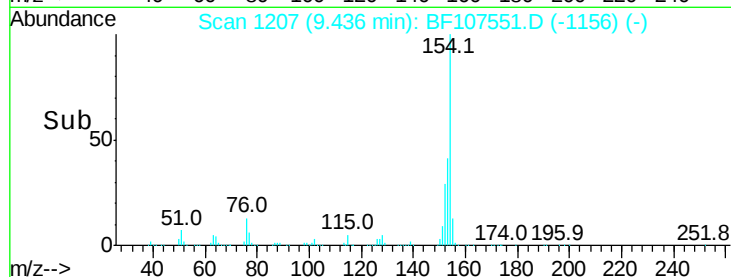
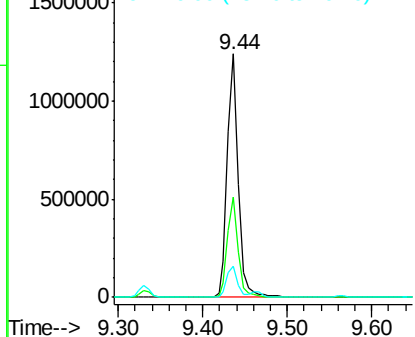
Instrument :
 BNA_F
 ClientSampleId :
 SB1-12-0MSD

Tot Ion:154 Resp: 1110054

Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.3	61.3
76	12.9	0.0	34.0



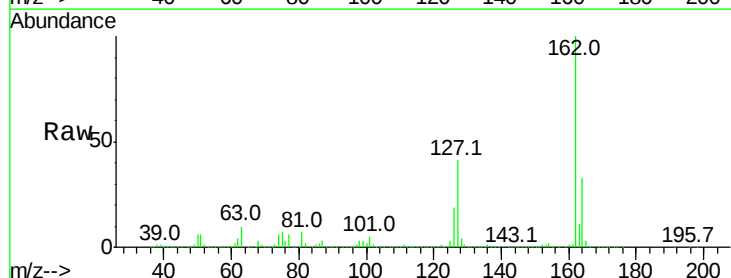
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1



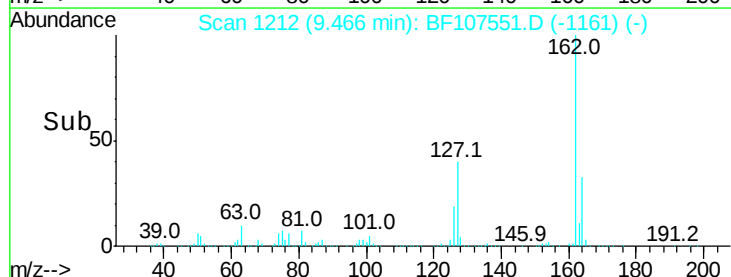
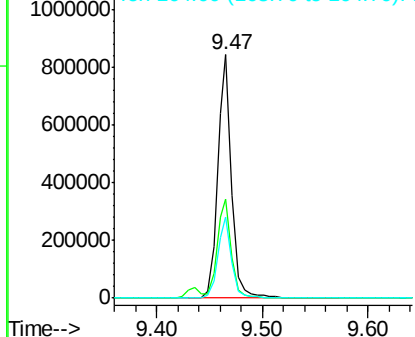
#46
 2-Chloronaphthalene
 Concen: 35.091 ng
 RT: 9.47 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF107551.D
 Acq: 21 Jul 2018 3:36

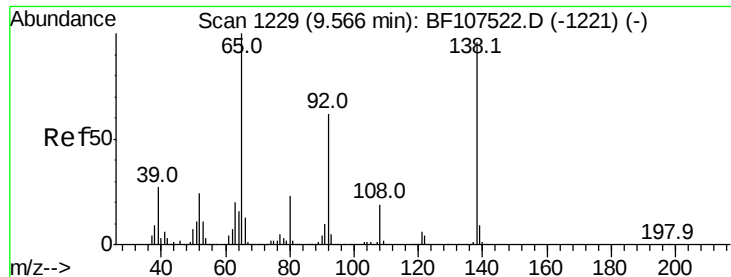
Tgt Ion:162 Resp: 784155

Ion	Ratio	Lower	Upper
162	100		
127	40.5	33.9	50.9
164	33.1	26.5	39.7



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

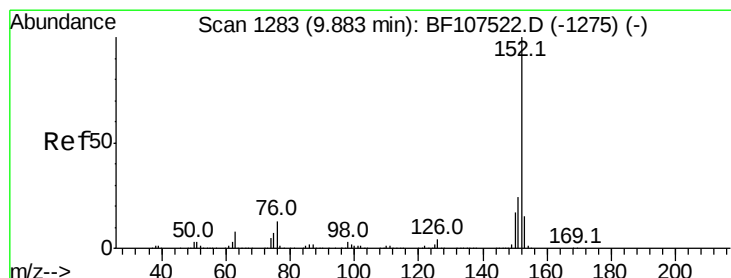
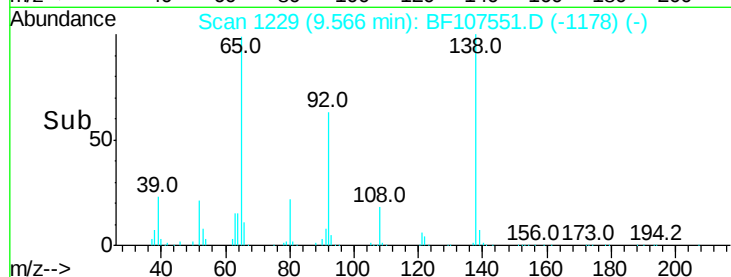
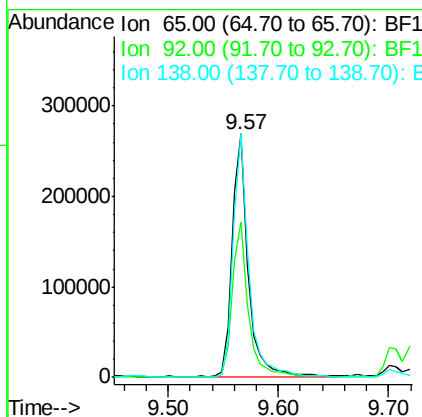
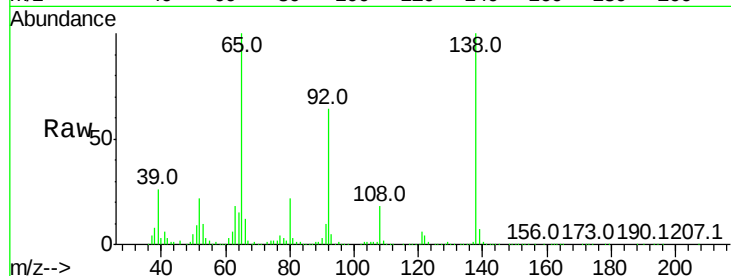




#47
2-Nitroaniline
Concen: 42.225 ng
RT: 9.57 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF107551.D
Acq: 21 Jul 2018 3:36

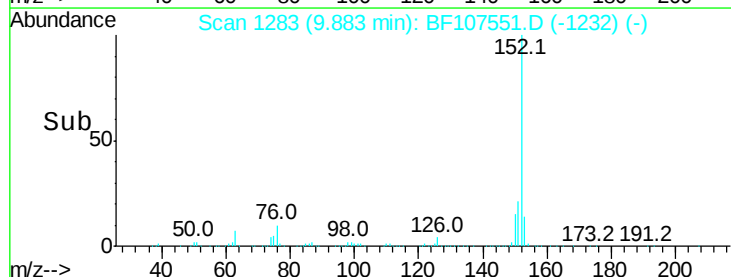
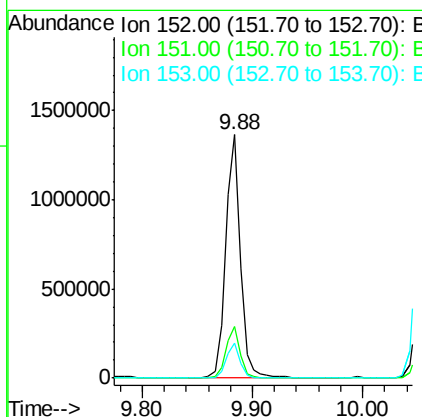
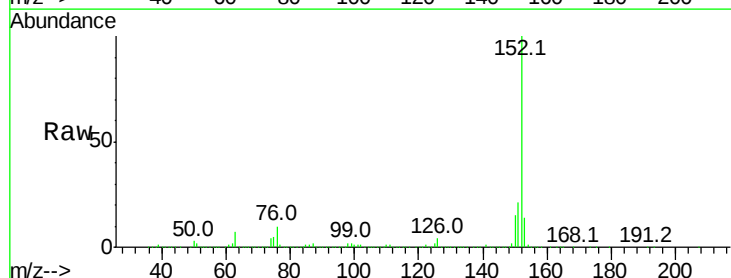
Instrument :
BNA_F
ClientSampleId :
SB1-12-0MSD

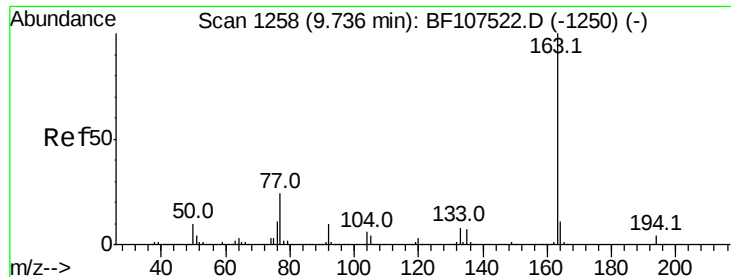
Tot Ion: 65 Resp: 275087
Ion Ratio Lower Upper
65 100
92 64.0 55.8 83.6
138 100.1 91.2 136.8



#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

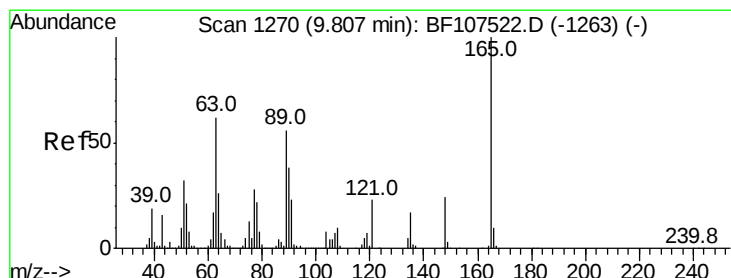
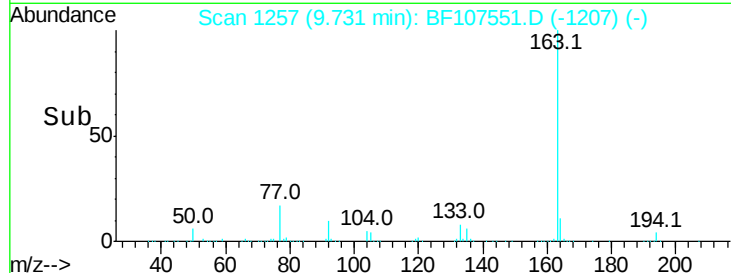
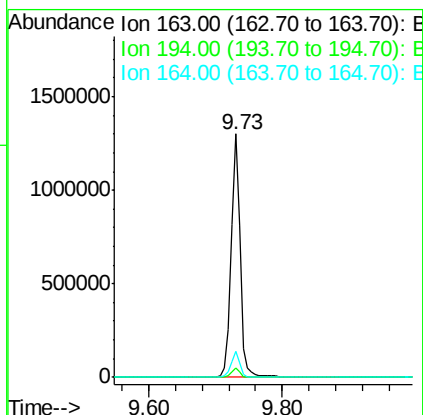
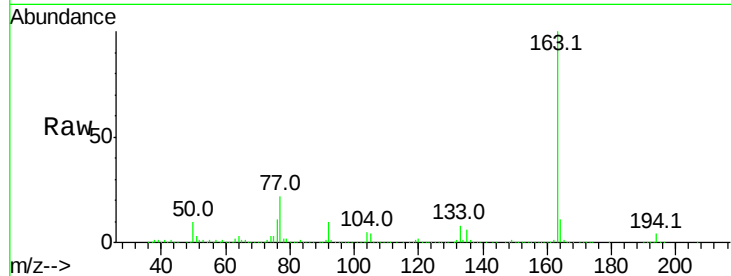




#49
Dimethylphthalate
Concen: 49.671 ng
RT: 9.73 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF107551.D
Acq: 21 Jul 2018 3:36

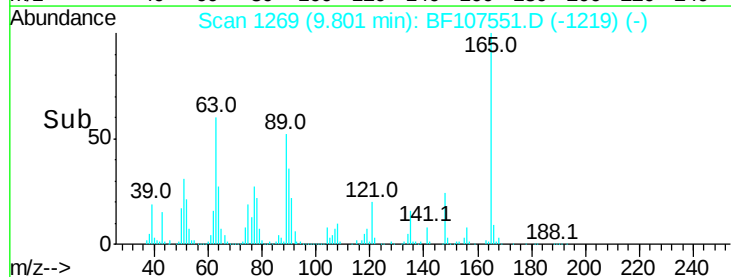
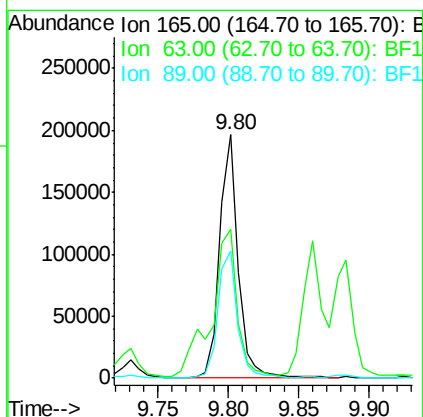
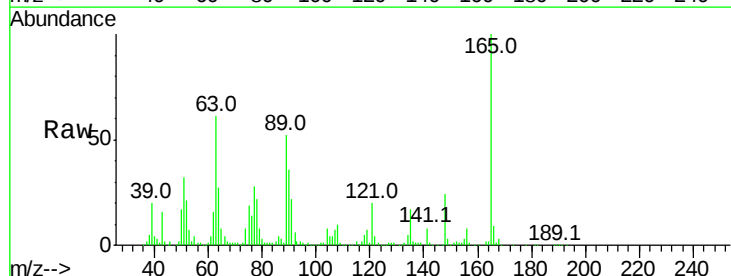
Instrument :
BNA_F
ClientSampleId :
SB1-12-0MSD

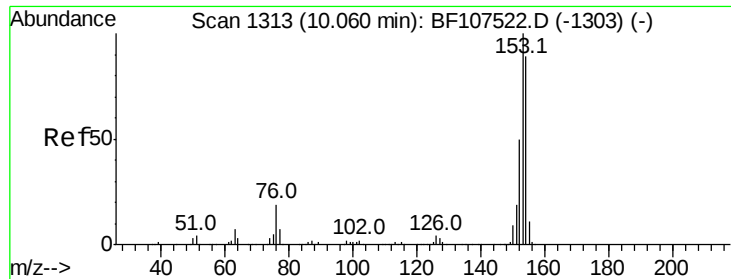
Tot Ion:163 Resp: 1256345
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.7 8.2 12.2



#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





#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

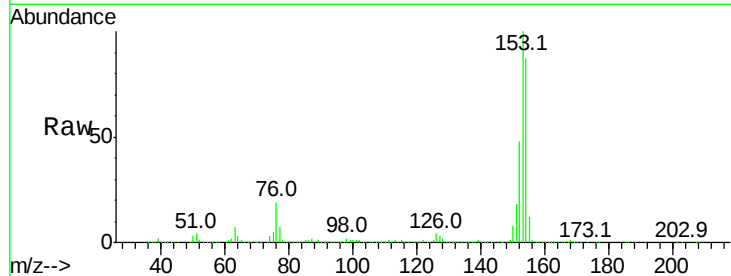
Tot Ion:154 Resp: 721878

Ion Ratio Lower Upper

154 100

153 114.8 91.2 136.8

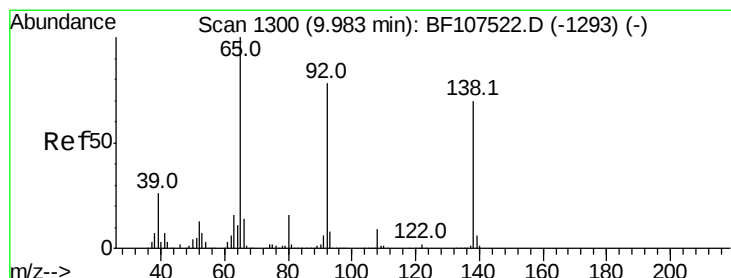
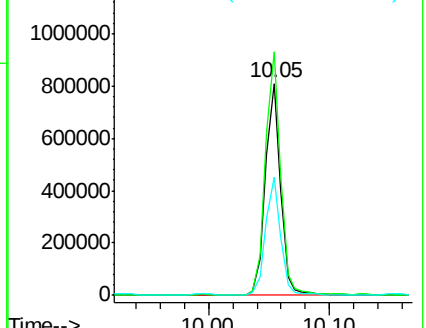
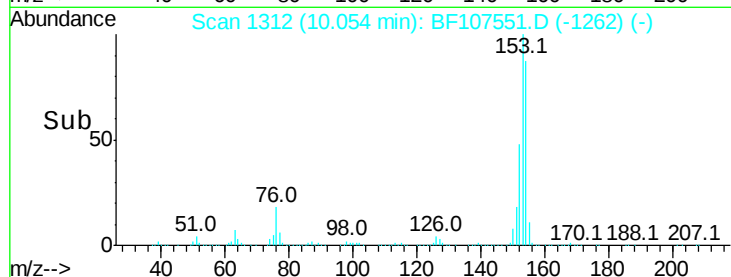
152 55.5 43.8 65.8



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

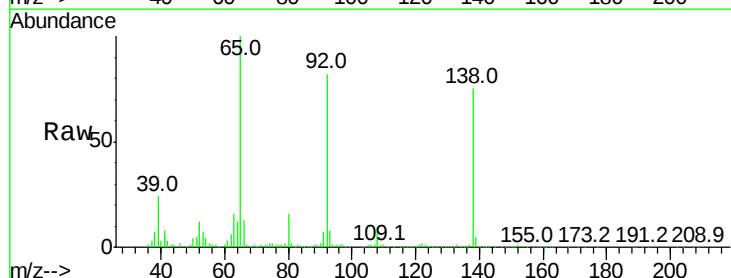
Tgt Ion:138 Resp: 201922

Ion Ratio Lower Upper

138 100

108 11.5 9.4 14.0

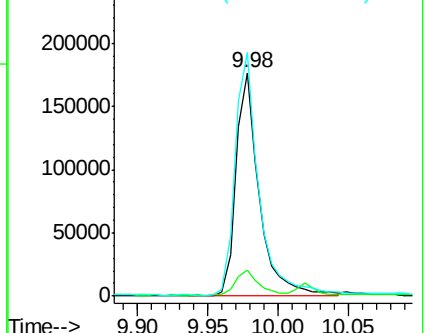
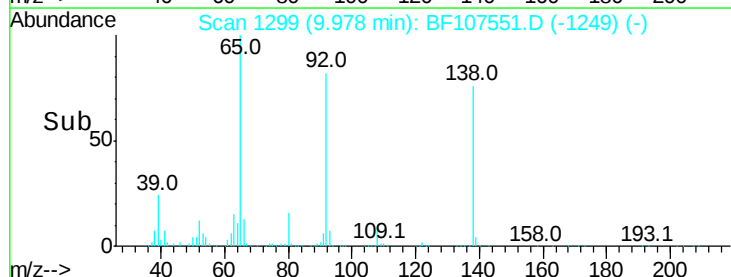
92 108.9 89.4 134.2

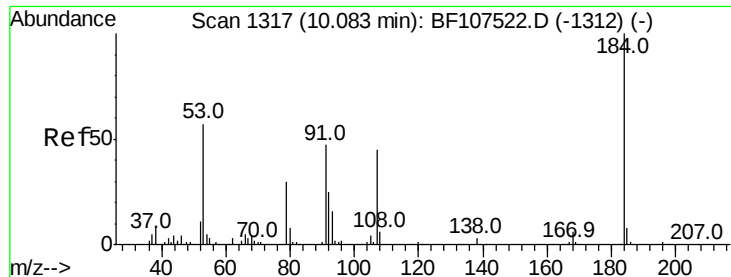


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

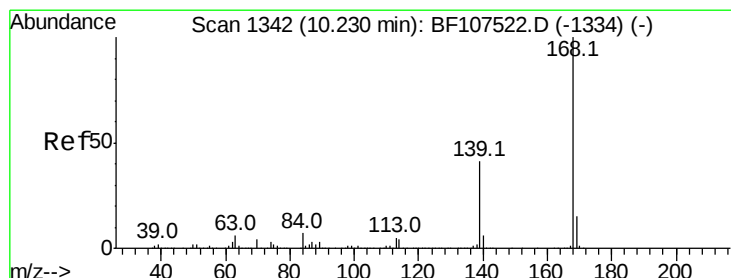
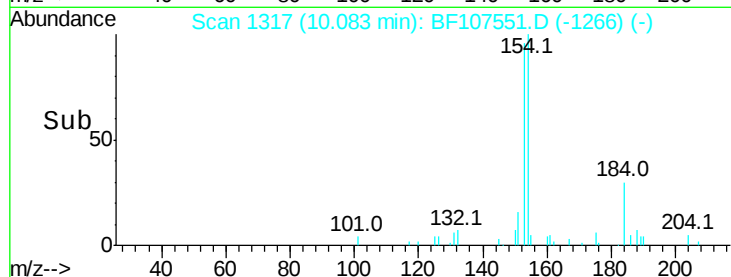
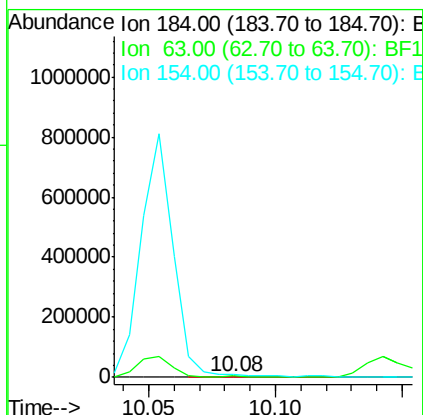
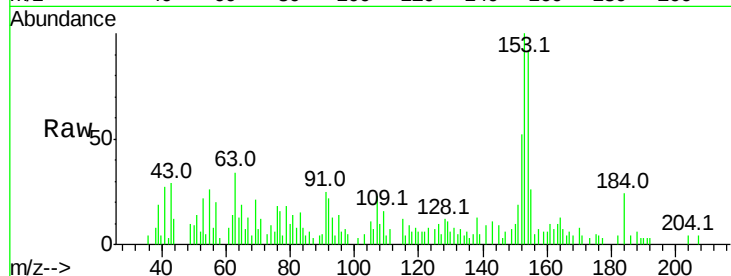




#53
2,4-Dinitrophenol
Concen: 10.069 ng
RT: 10.08 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF107551.D
Acq: 21 Jul 2018 3:36

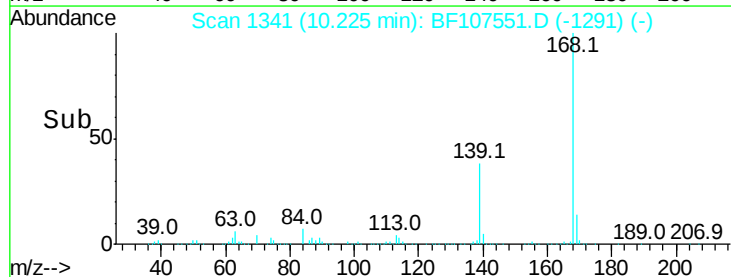
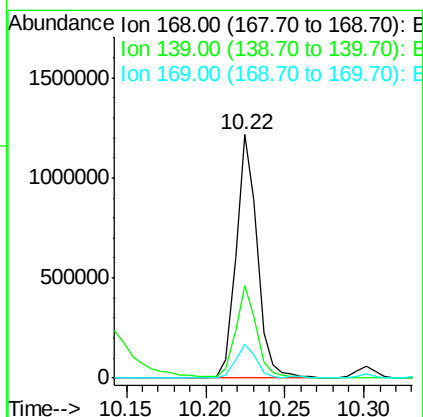
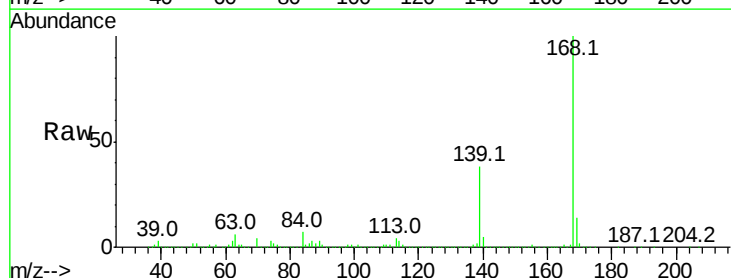
Instrument :
BNA_F
ClientSampleId :
SB1-12-0MSD

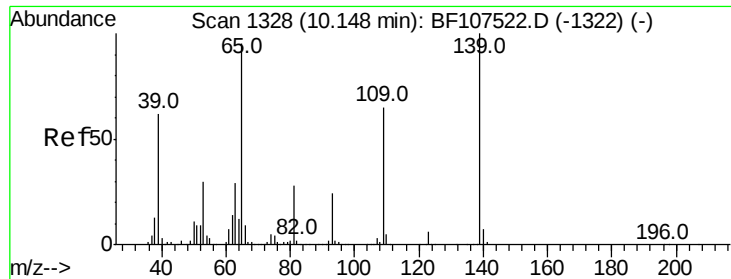
Tot Ion:184 Resp: 3088
Ion Ratio Lower Upper
184 100
63 143.2 54.2 81.2#
154 383.2 184.0 276.0#



#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

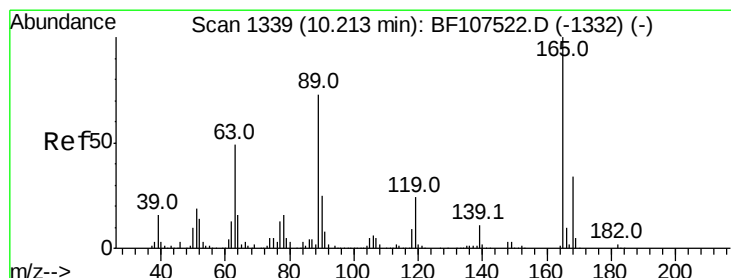
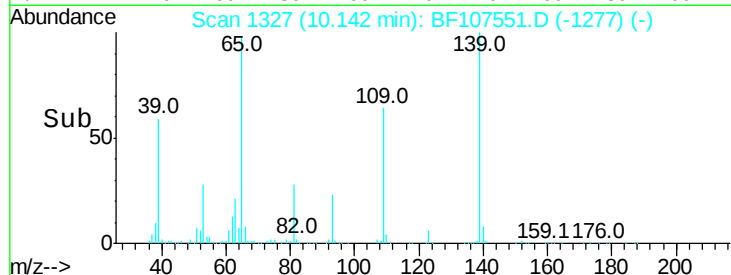
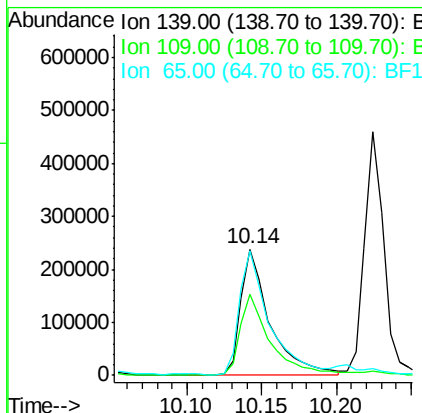
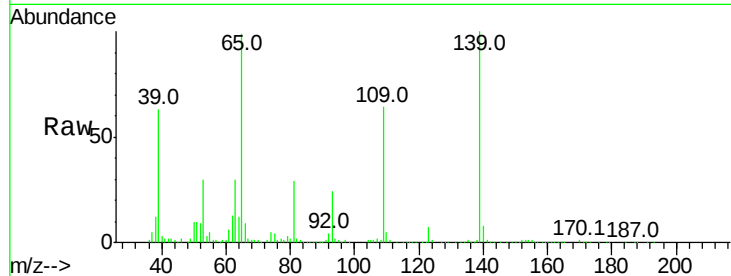




#55
4-Nitrophenol
Concen: 70.852 ng
RT: 10.14 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF107551.D
Acq: 21 Jul 2018 3:36

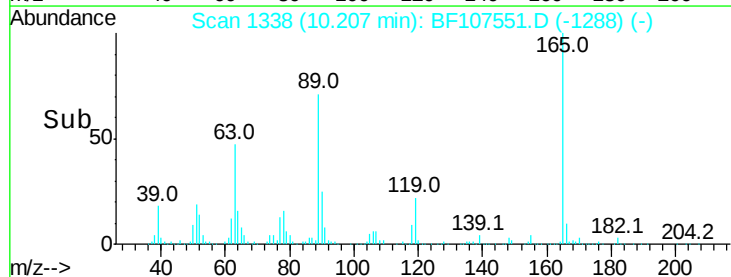
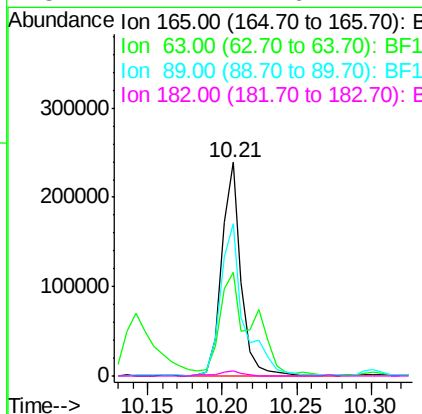
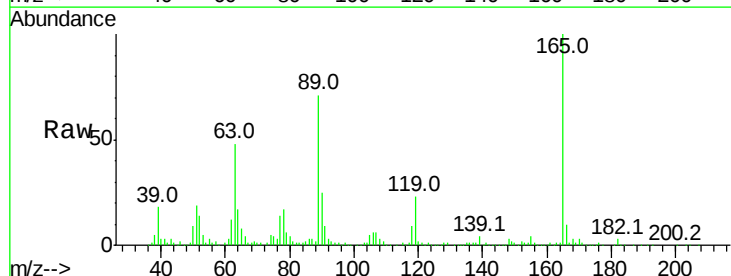
Instrument :
BNA_F
ClientSampleId :
SB1-12-0MSD

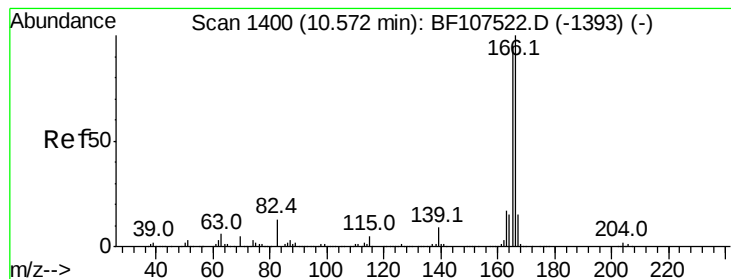
Tot Ion:139 Resp: 324078
Ion Ratio Lower Upper
139 100
109 64.5 48.4 88.4
65 99.3 72.6 112.6



#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

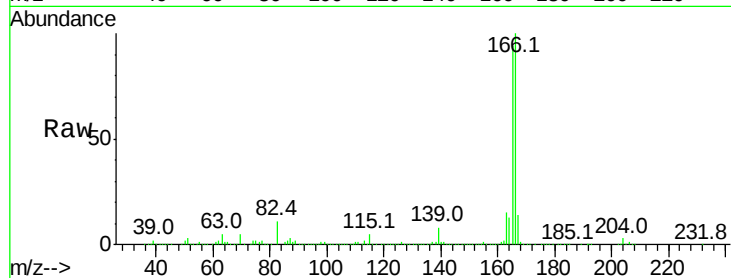
Tot Ion:166 Resp: 841907

Ion Ratio Lower Upper

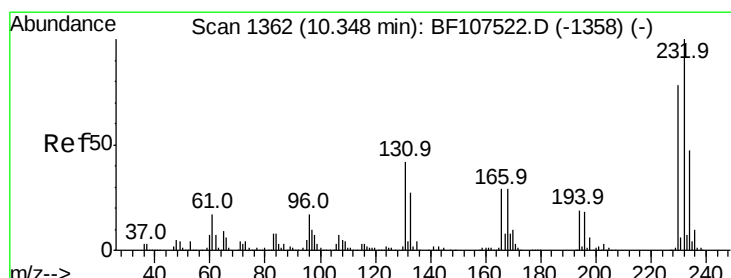
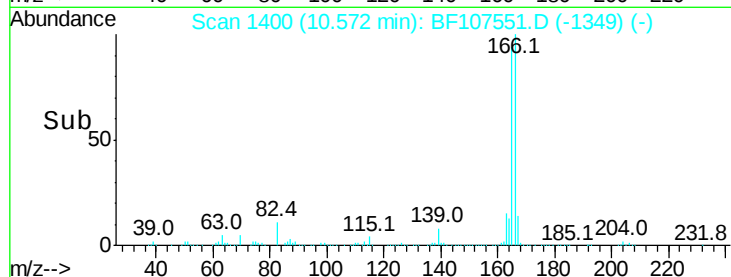
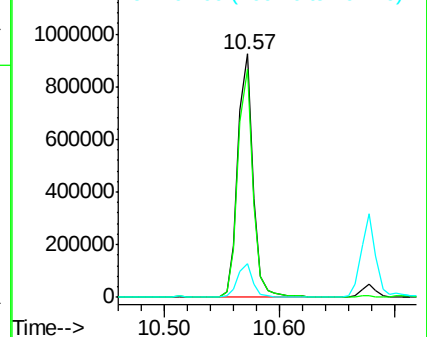
166 100

165 94.0 79.8 119.8

167 13.9 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 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

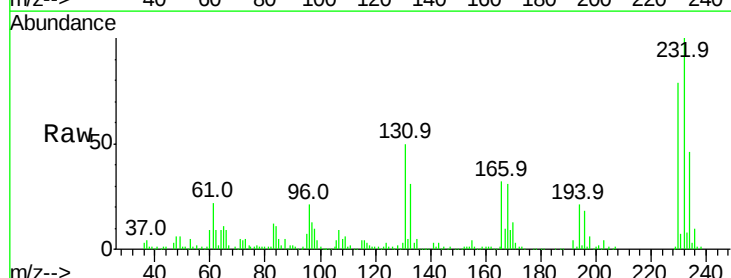
Ion Ratio Lower Upper

232 100

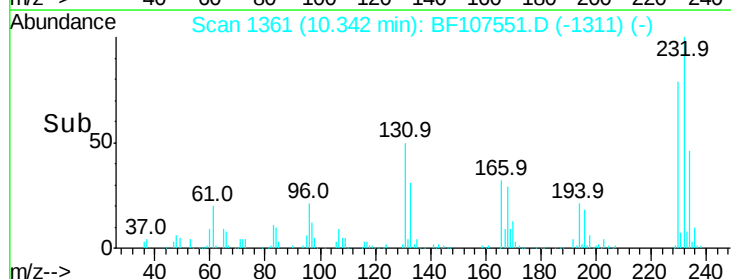
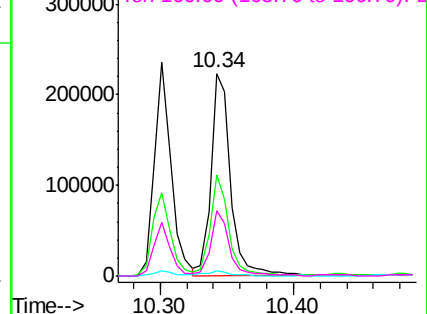
131 44.8 43.8 65.8

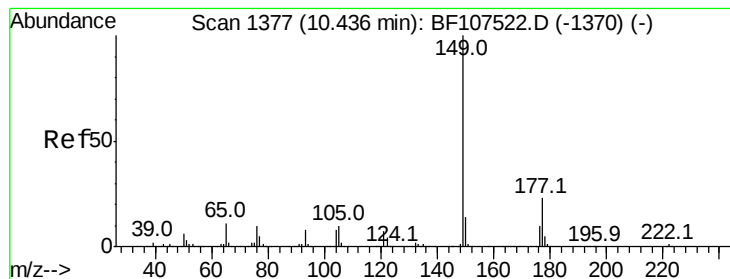
130 3.1 2.1 3.1

166 29.7 27.8 41.6



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 34.700 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

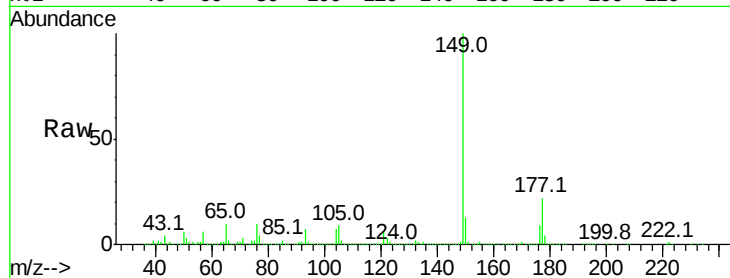
Tot Ion:149 Resp: 916648

Ion Ratio Lower Upper

149 100

177 21.8 16.1 24.1

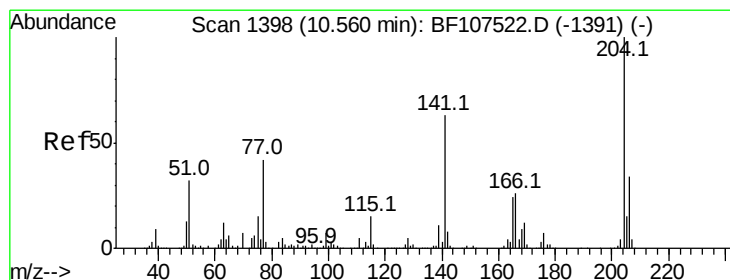
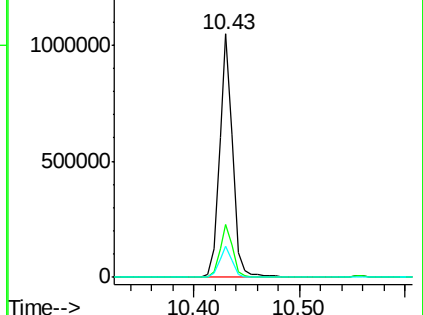
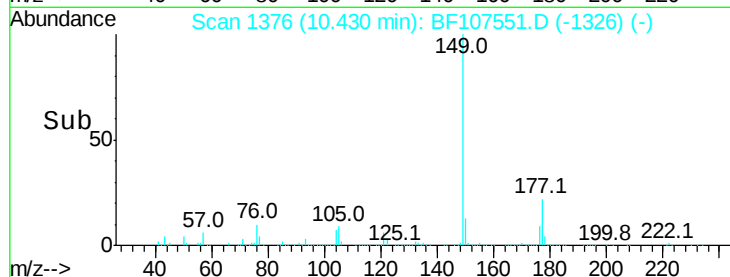
150 12.6 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 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

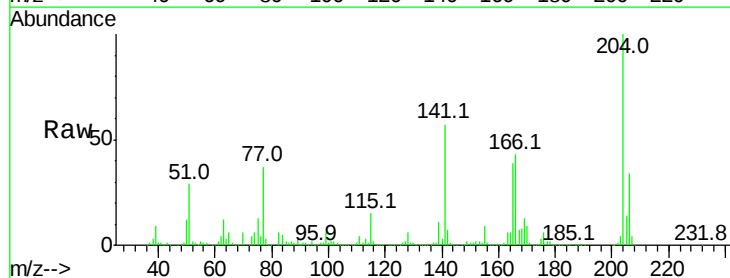
Tgt Ion:204 Resp: 400763

Ion Ratio Lower Upper

204 100

206 34.5 26.5 39.7

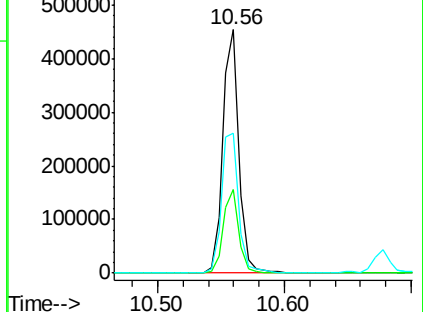
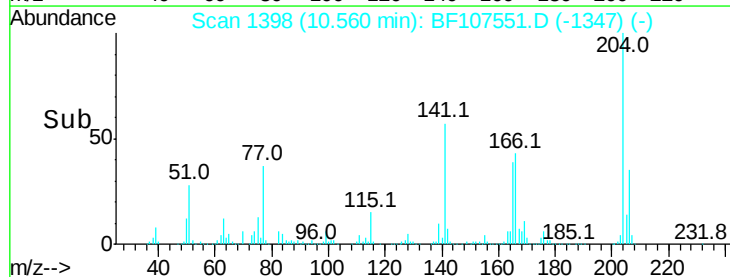
141 57.4 54.6 81.8

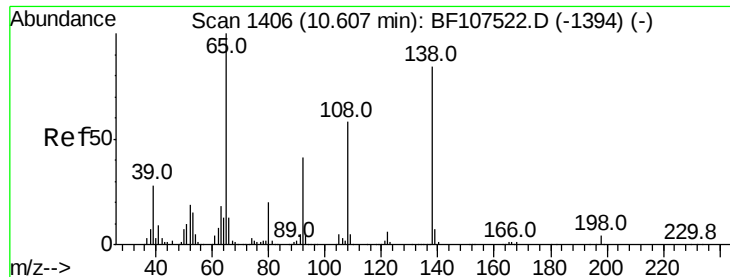


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

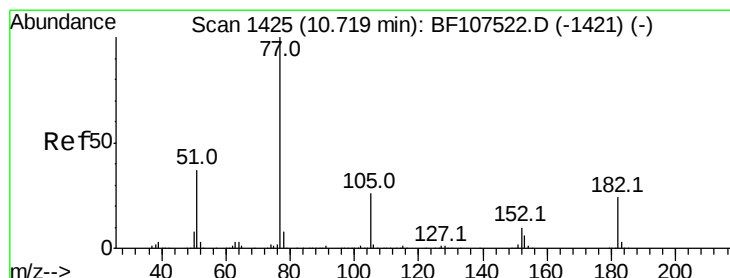
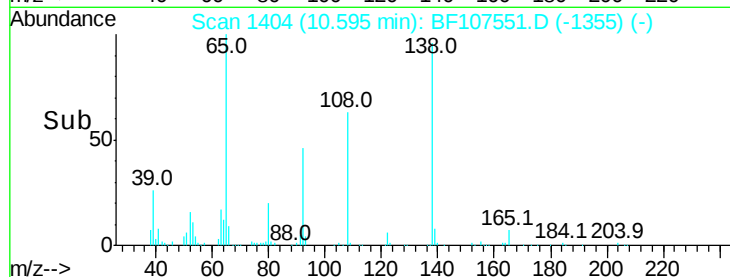
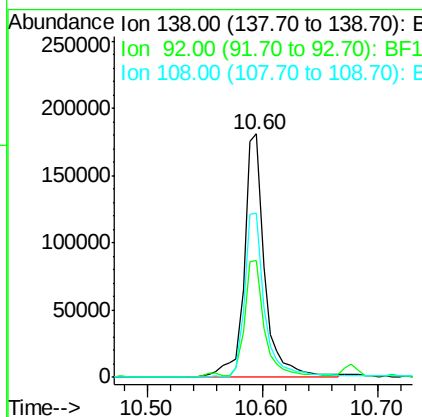
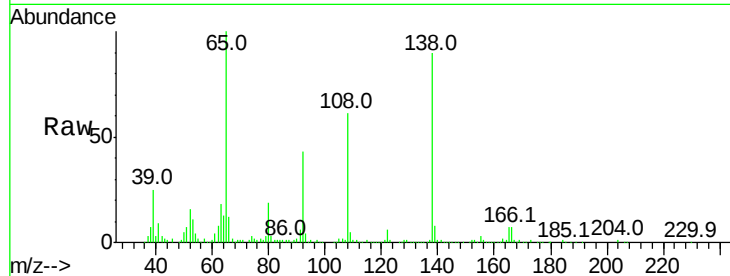




#61
4-Nitroaniline
Concen: 43.816 ng
RT: 10.60 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF107551.D
Acq: 21 Jul 2018 3:36

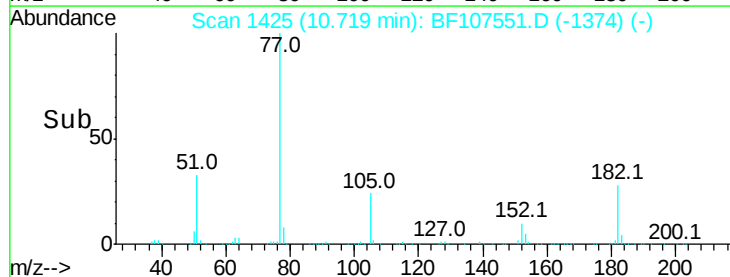
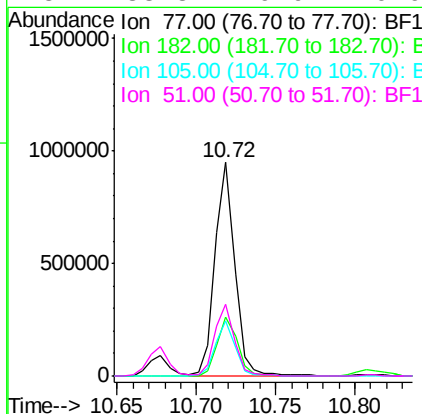
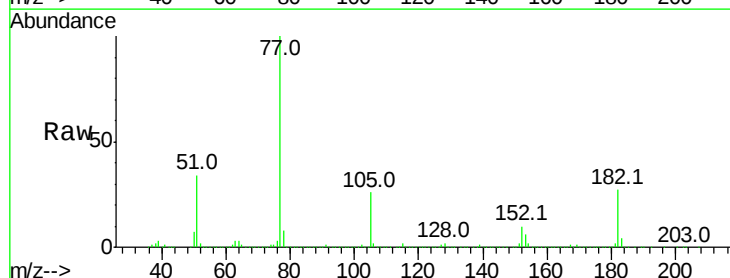
Instrument :
BNA_F
ClientSampleId :
SB1-12-0MSD

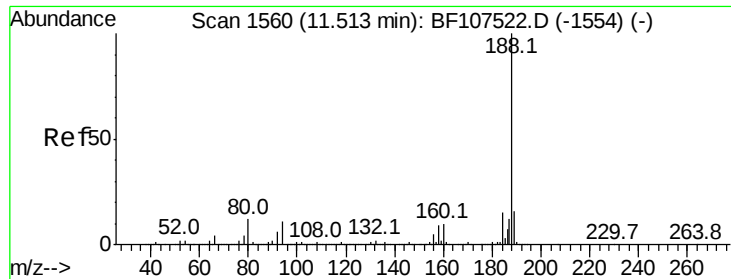
Tot Ion:138 Resp: 224898
Ion Ratio Lower Upper
138 100
92 48.1 30.2 70.2
108 67.7 52.5 92.5



#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

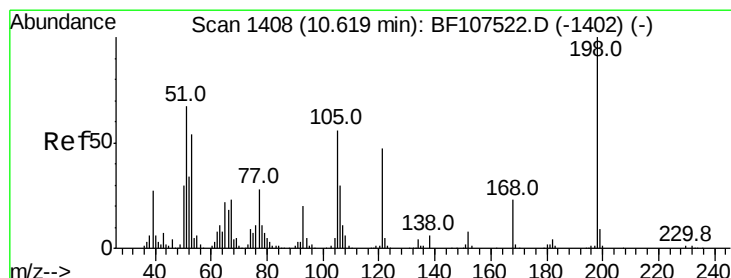
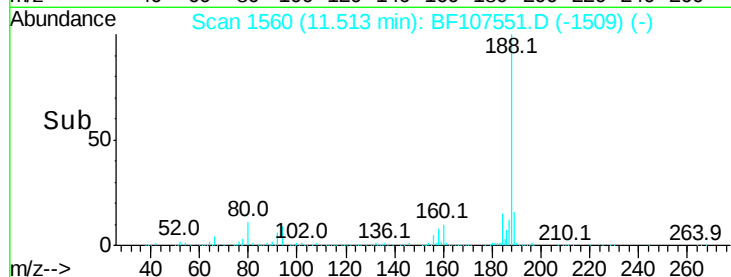
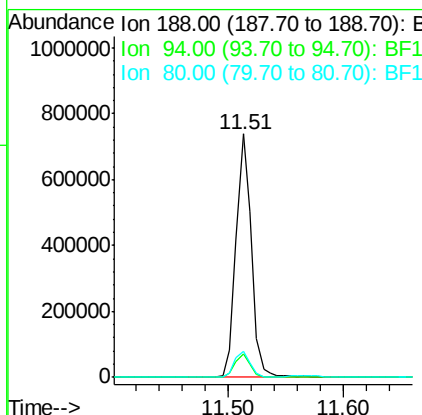
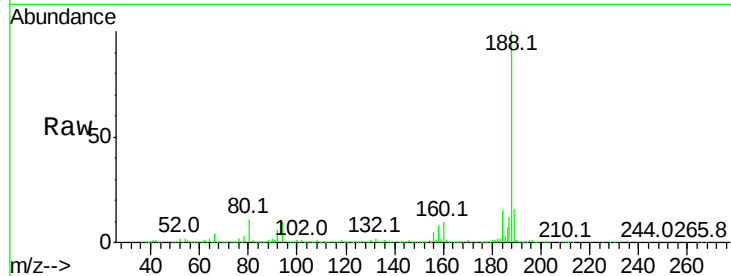




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF107551.D
Acq: 21 Jul 2018 3:36

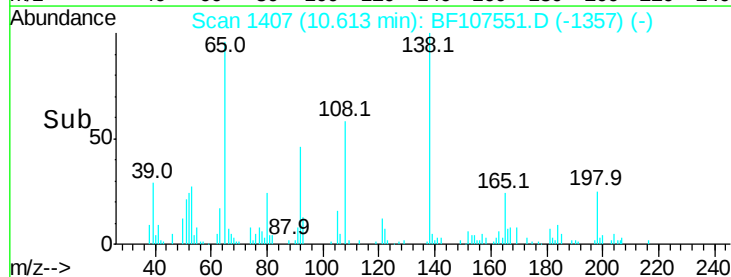
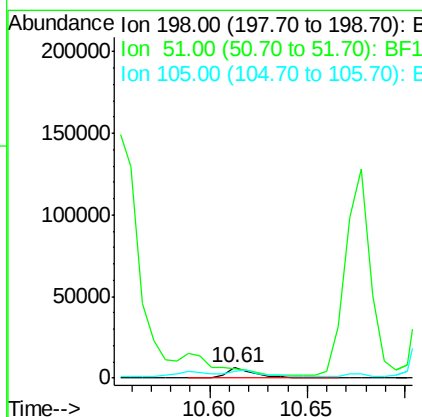
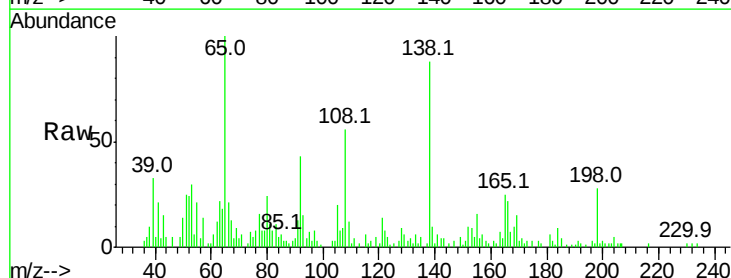
Instrument :
BNA_F
ClientSampleId :
SB1-12-0MSD

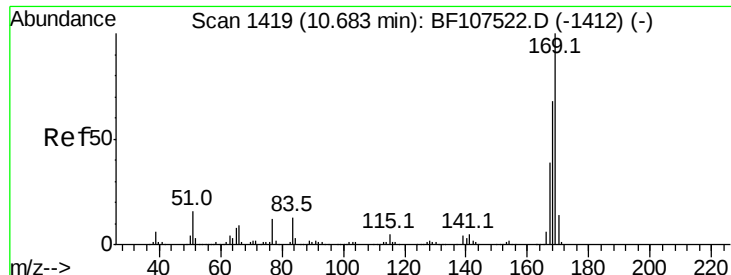
Tot Ion:188 Resp: 679208
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 10.8 9.2 13.8



#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

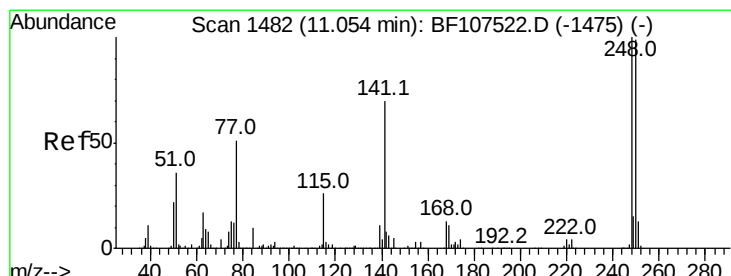
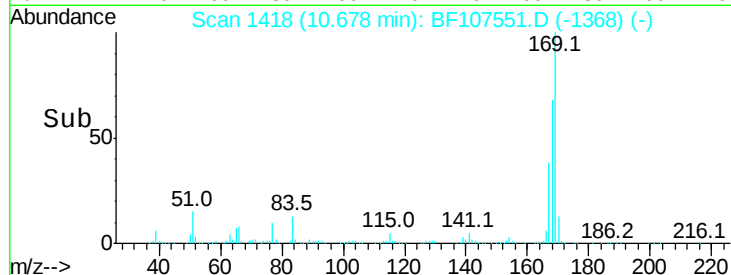
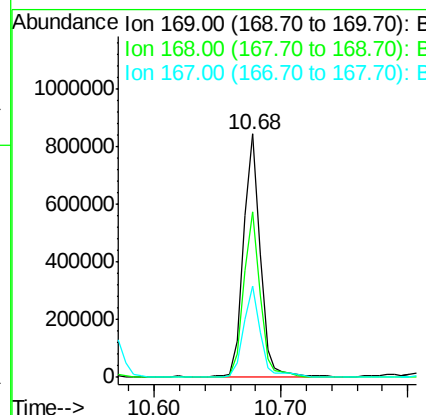
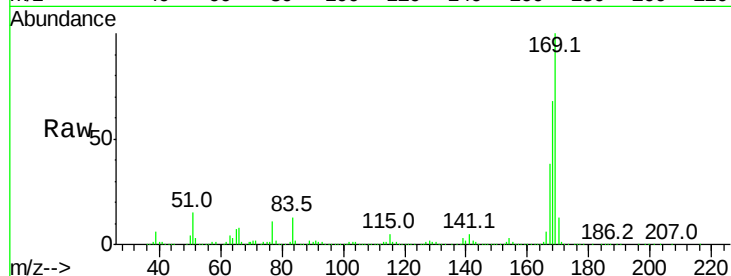




#65
 n-Nitrosodiphenylamine
 Concen: 33.119 ng
 RT: 10.68 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BF107551.D
 Acq: 21 Jul 2018 3:36

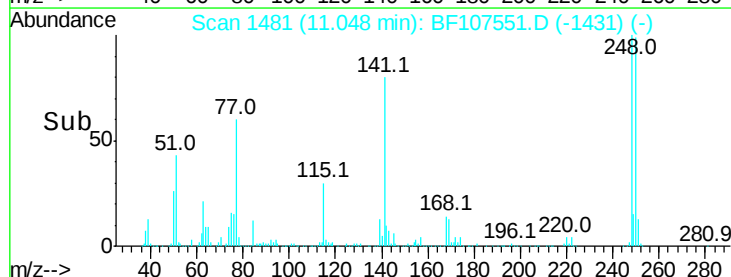
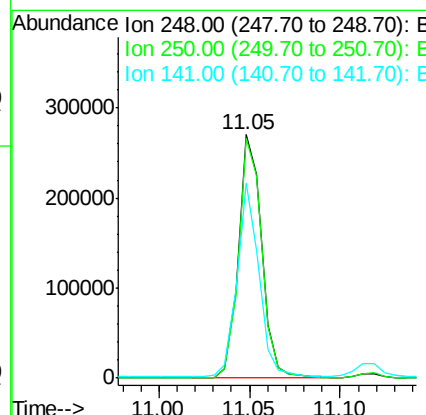
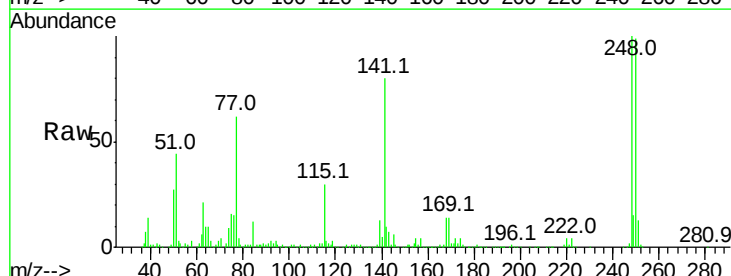
Instrument :
 BNA_F
 ClientSampleId :
 SB1-12-0MSD

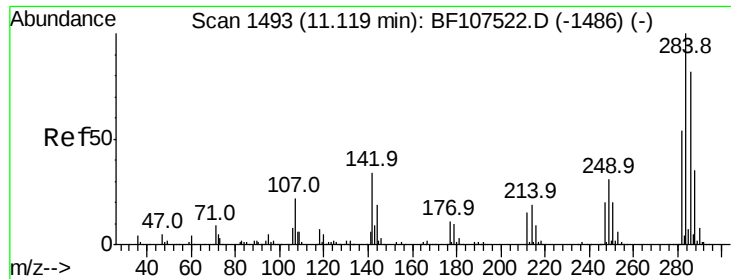
Tot Ion:169 Resp: 763980
 Ion Ratio Lower Upper
 169 100
 168 68.0 54.4 81.6
 167 37.6 29.8 44.6



#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

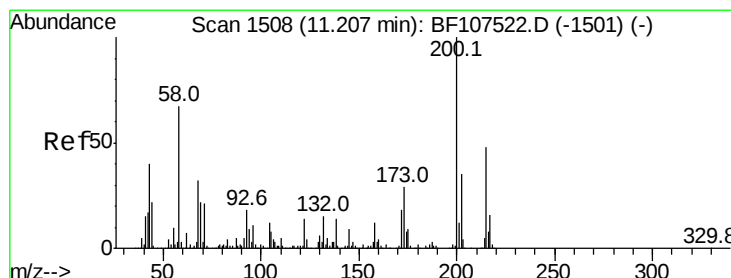
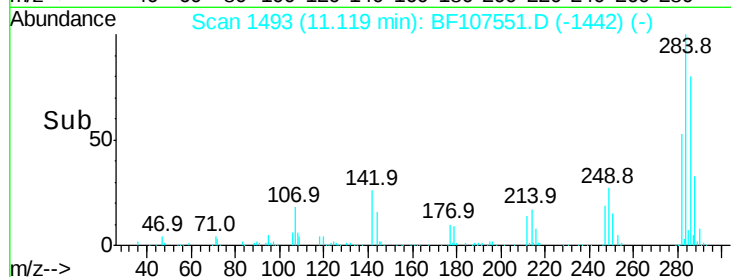
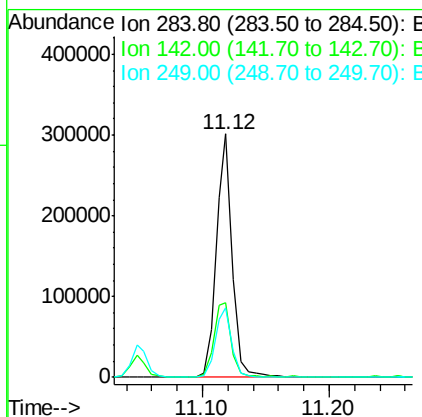
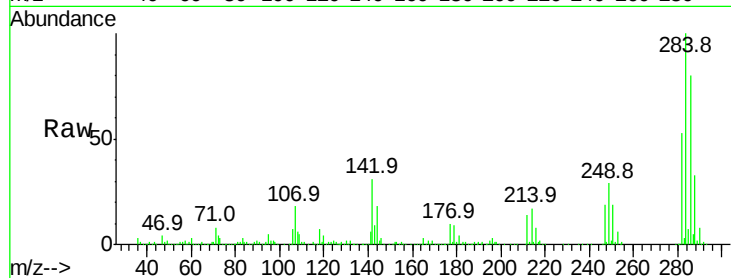




#67
Hexachlorobenzene
Concen: 30.094 ng
RT: 11.12 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BF107551.D
Acq: 21 Jul 2018 3:36

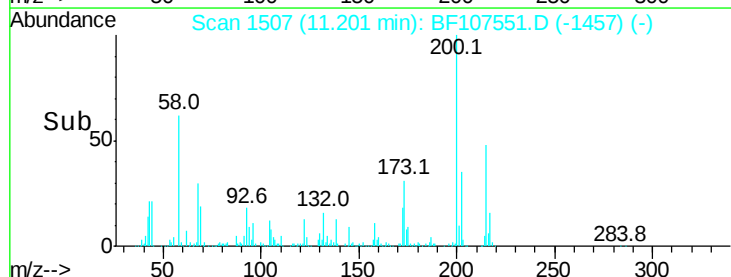
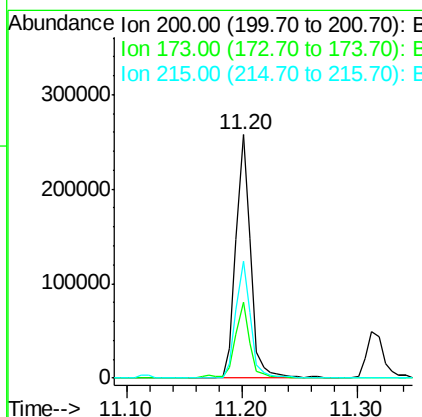
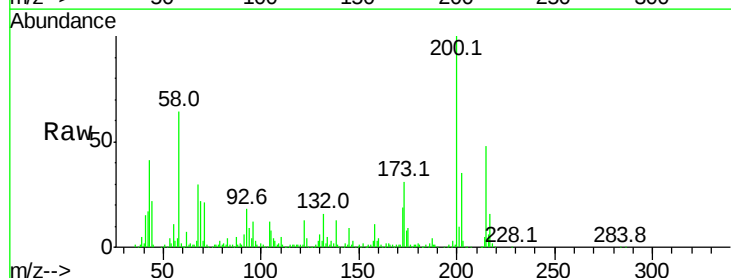
Instrument :
BNA_F
ClientSampleId :
SB1-12-0MSD

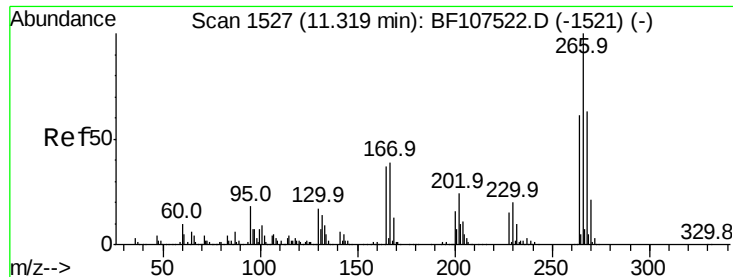
Tot Ion:284 Resp: 264749
Ion Ratio Lower Upper
284 100
142 30.7 34.6 52.0#
249 28.6 24.8 37.2



#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

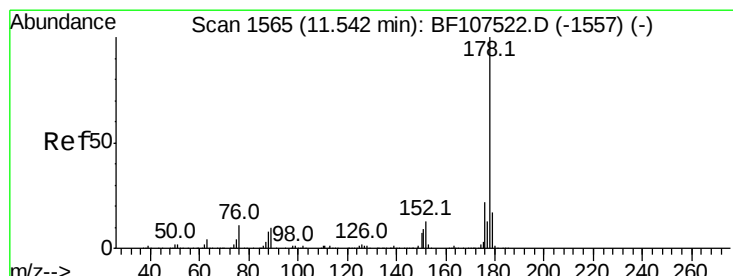
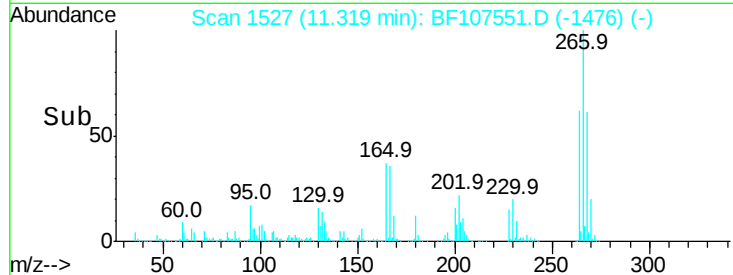
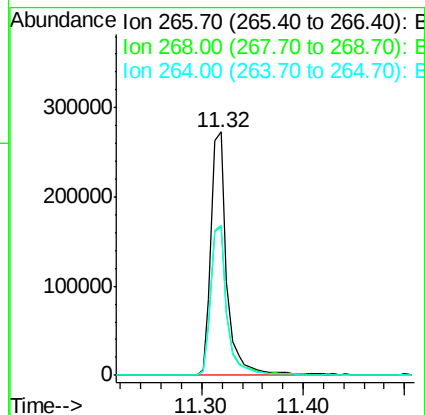
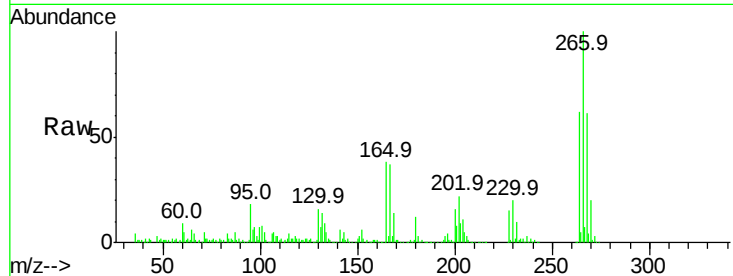




#69
 Pentachlorophenol
 Concen: 54.944 ng
 RT: 11.32 min Scan# 1527
 Delta R.T. 0.00 min
 Lab File: BF107551.D
 Acq: 21 Jul 2018 3:36

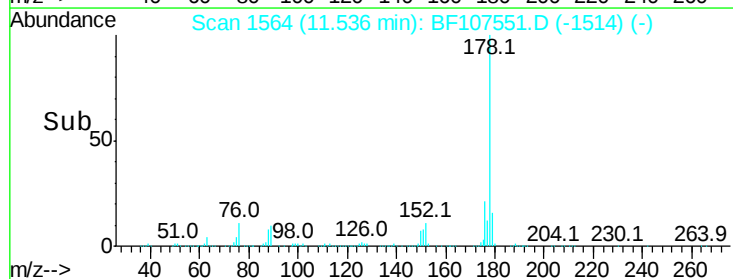
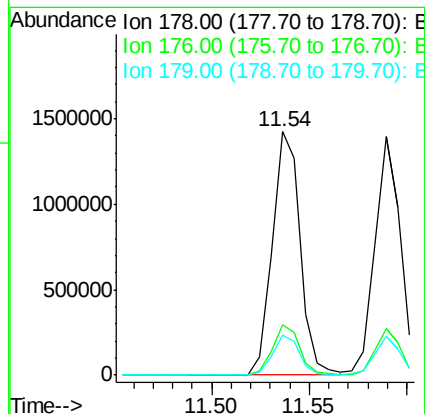
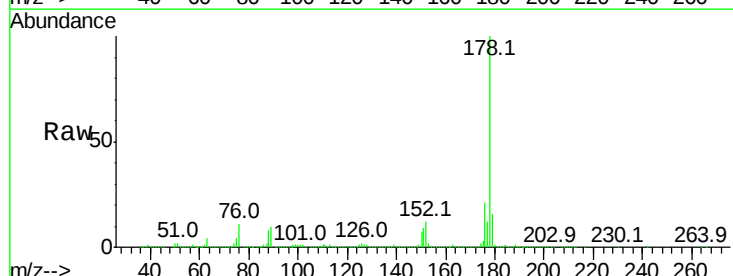
Instrument :
 BNA_F
 ClientSampleId :
 SB1-12-0MSD

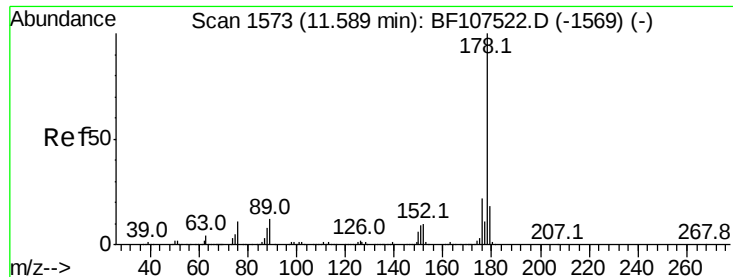
Tot Ion	Ratio	Lower	Upper
266	100		
268	61.3	51.1	76.7
264	61.5	49.5	74.3



#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	Ratio	Lower	Upper
178	100		
176	20.7	15.8	23.8
179	16.4	13.0	19.6

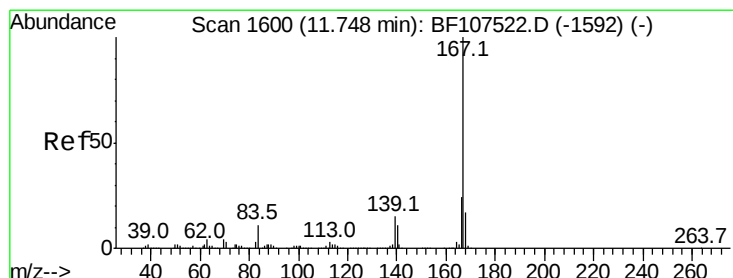
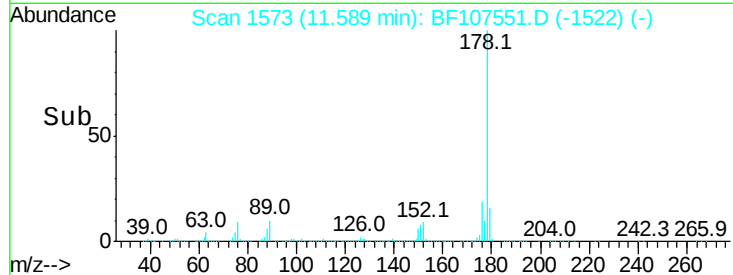
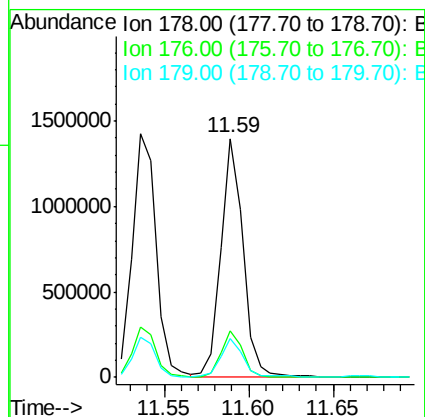
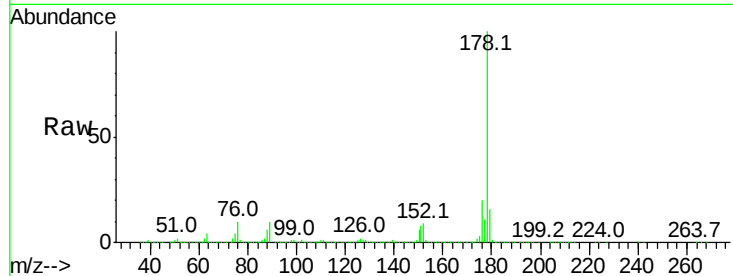




#71
 Anthracene
 Concen: 38.532 ng
 RT: 11.59 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF107551.D
 Acq: 21 Jul 2018 3:36

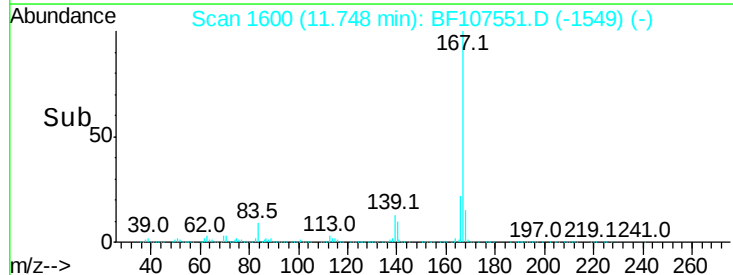
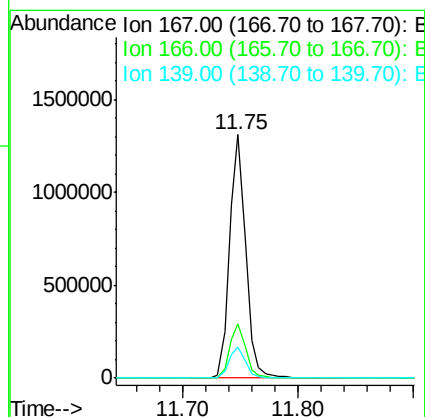
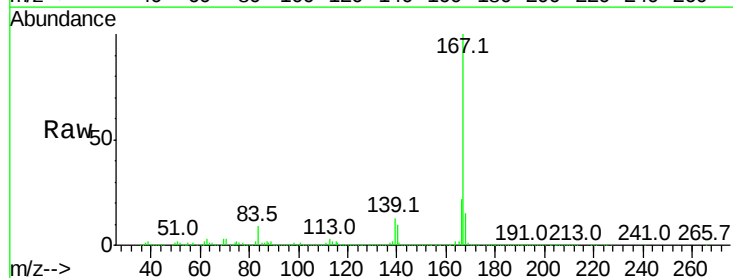
Instrument :
 BNA_F
 ClientSampleId :
 SB1-12-0MSD

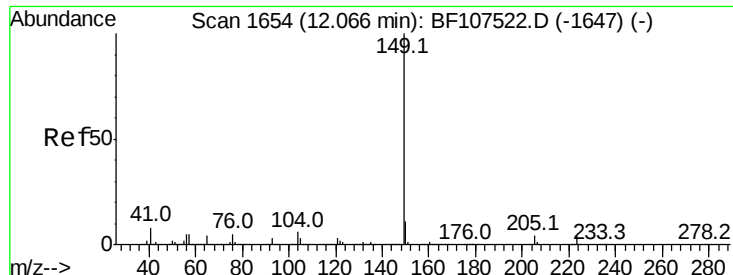
Tot Ion:178 Resp: 1284081
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 16.1 12.6 19.0



#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

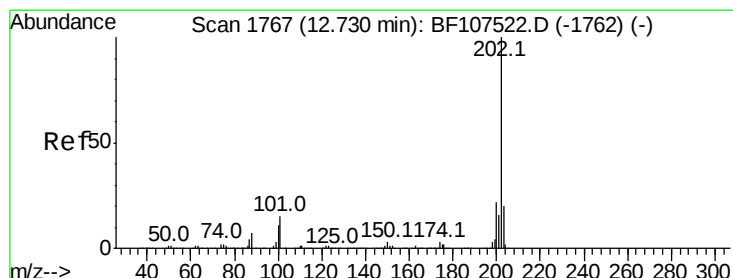
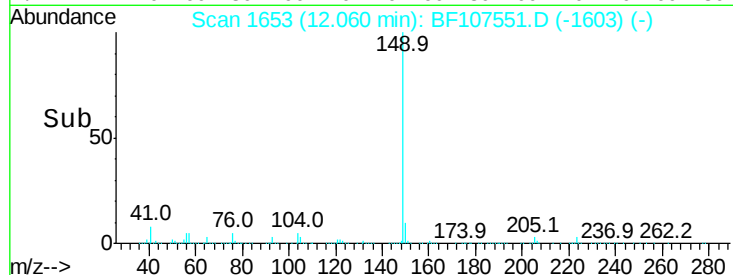
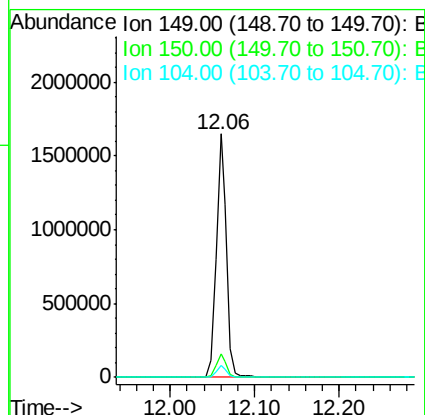
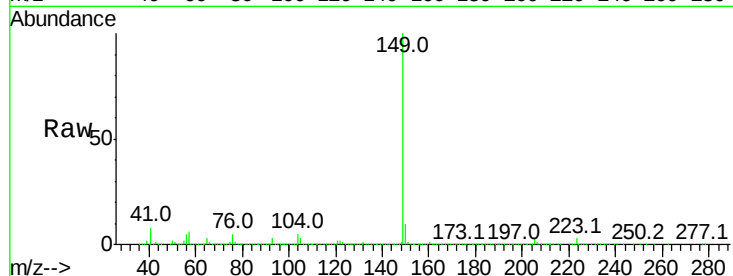




#73
Di-n-butylphthalate
Concen: 37.923 ng
RT: 12.06 min Scan# 1653
Delta R.T. -0.01 min
Lab File: BF107551.D
Acq: 21 Jul 2018 3:36

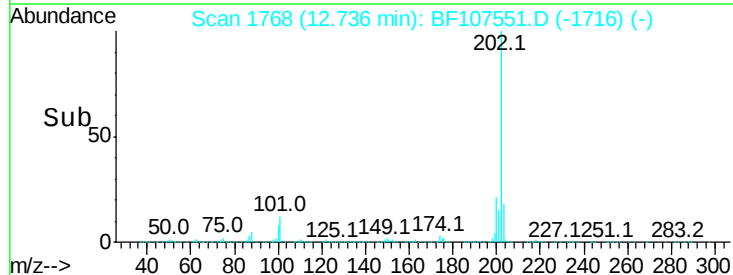
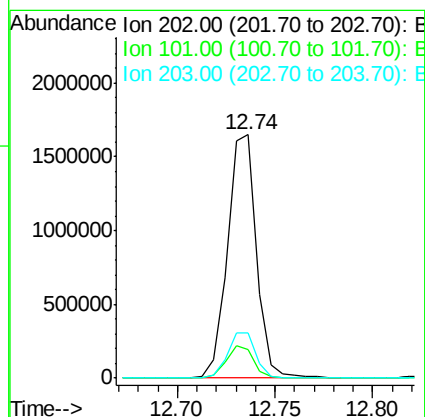
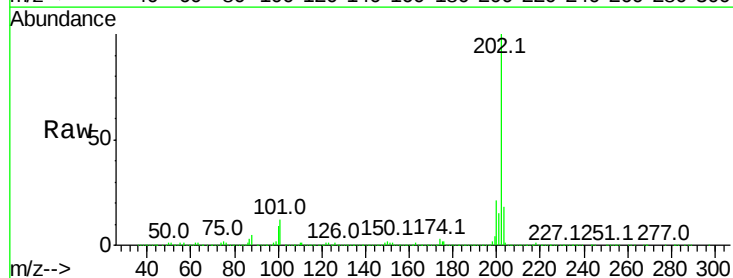
Instrument :
BNA_F
ClientSampleId :
SB1-12-0MSD

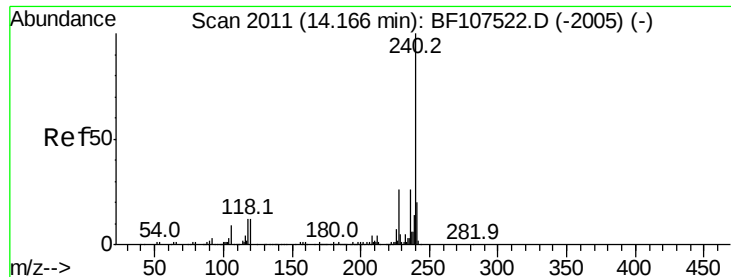
Tot Ion:149 Resp: 1416672
Ion Ratio Lower Upper
149 100
150 9.8 7.8 11.6
104 4.9 3.8 5.8



#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





#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

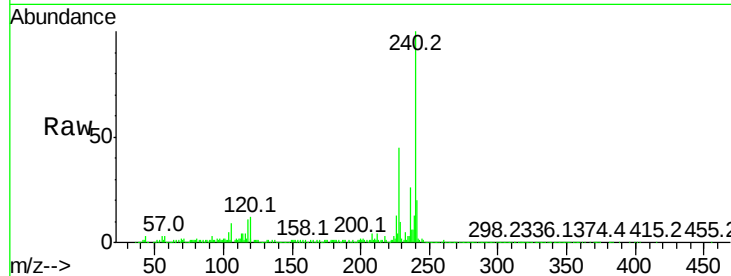
Tot Ion:240 Resp: 676877

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

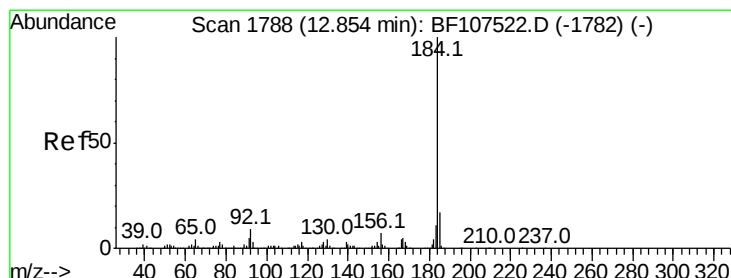
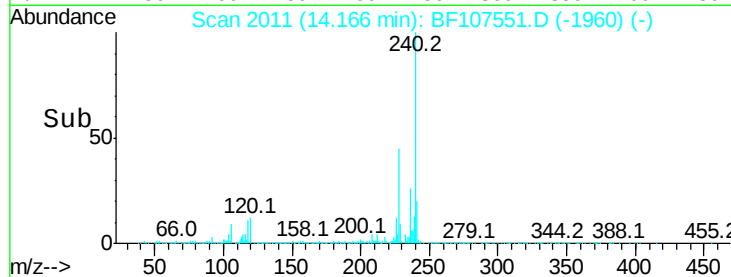
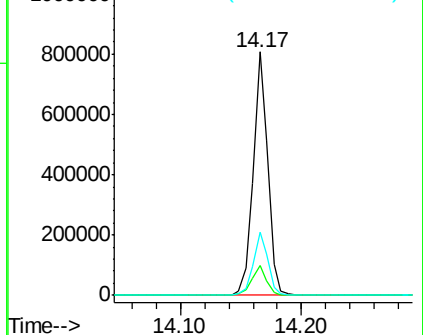
236 25.9 20.7 31.1



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

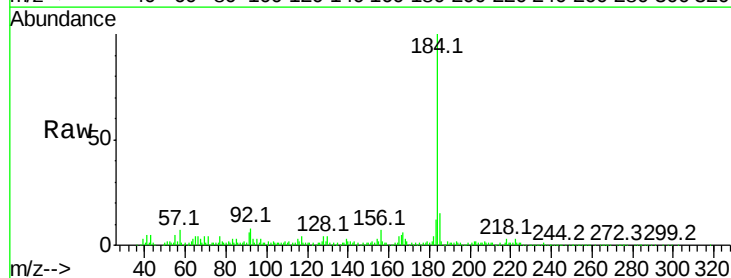
Tgt Ion:184 Resp: 276361

Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

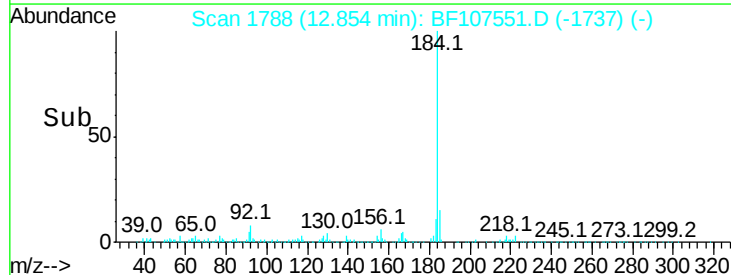
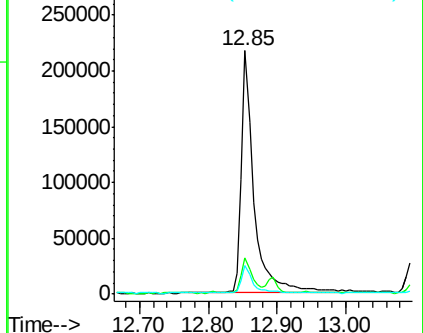
183 11.6 9.3 13.9

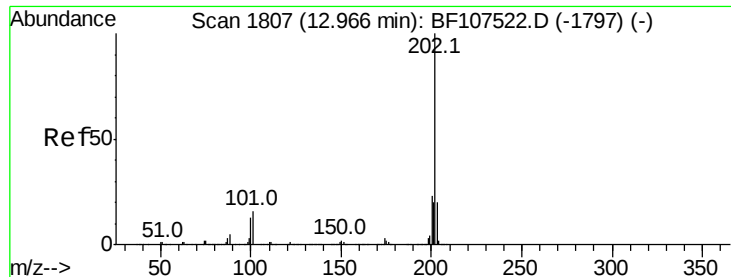


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

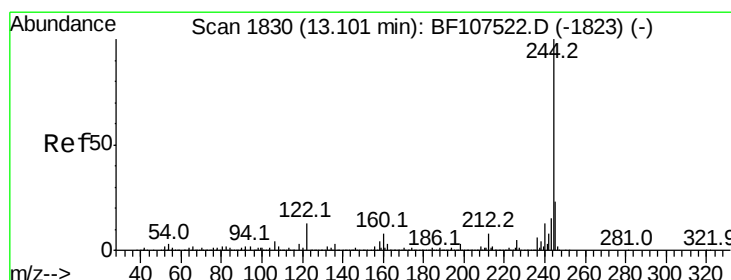
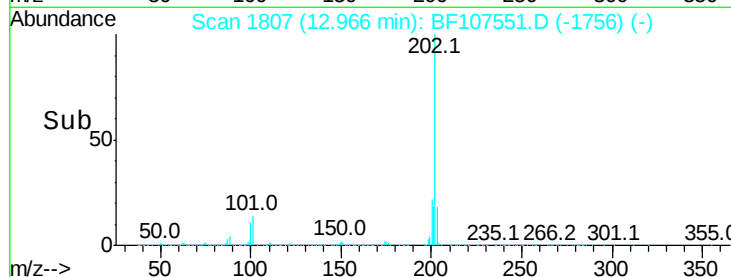
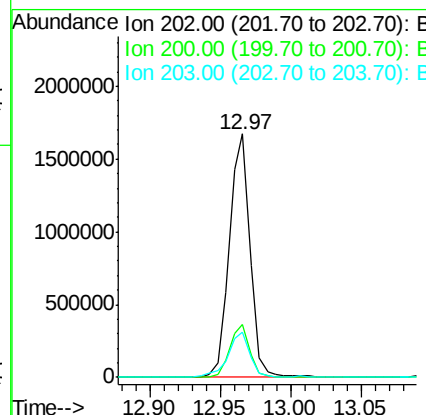
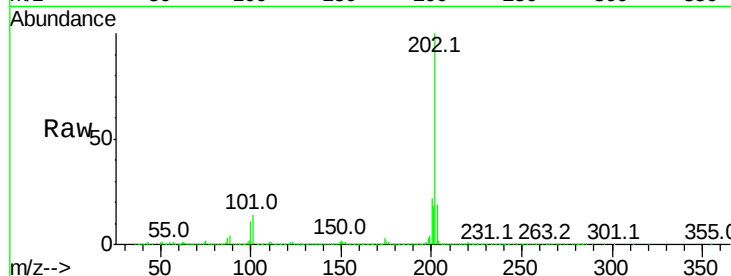




#77
Pvrene
Concen: 36.550 ng
RT: 12.97 min Scan# 1807
Delta R.T. 0.00 min
Lab File: BF107551.D
Acq: 21 Jul 2018 3:36

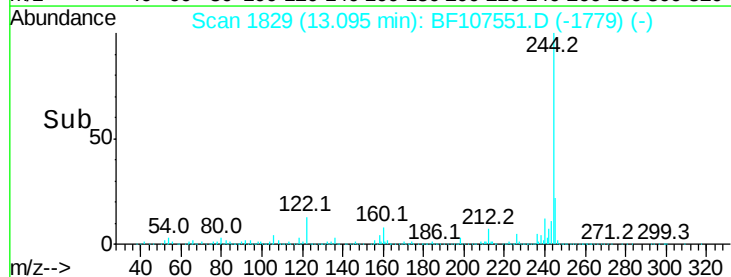
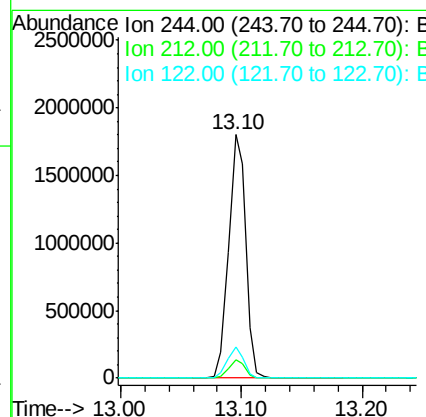
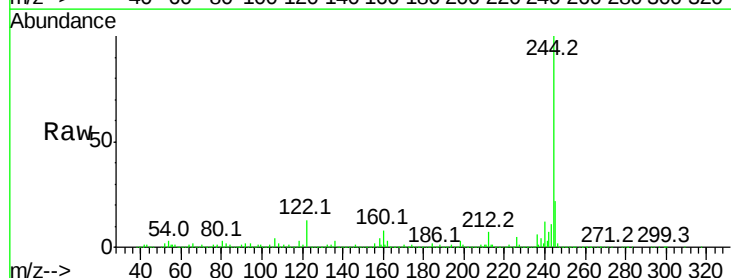
Instrument :
BNA_F
ClientSampleId :
SB1-12-0MSD

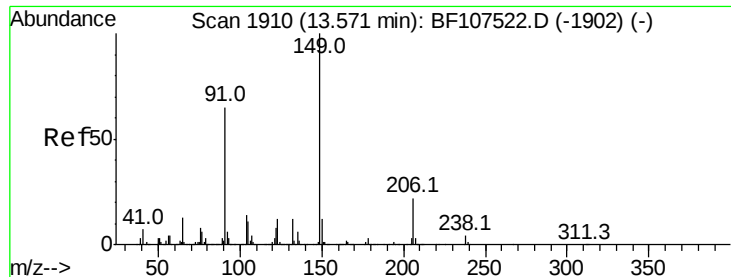
Tot Ion:202 Resp: 1692229
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 18.7 14.3 21.5



#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

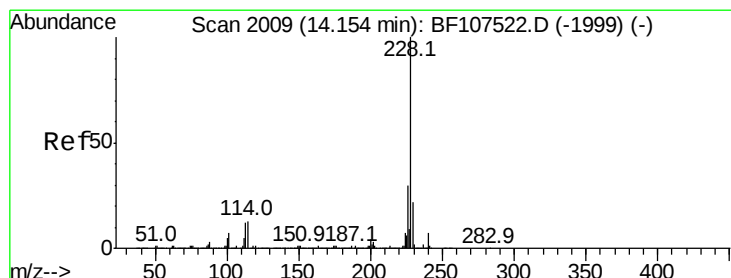
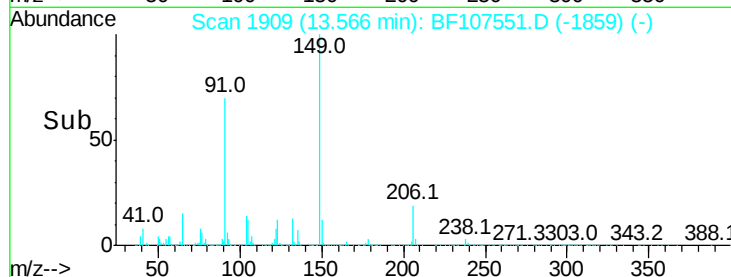
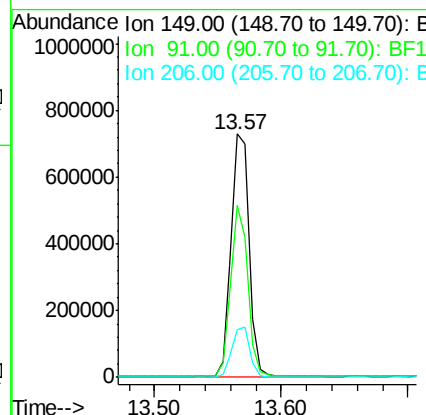
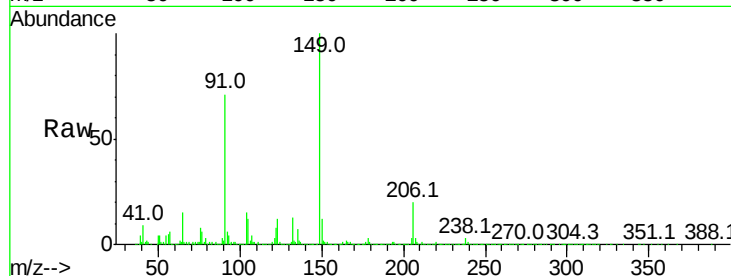




#79
Butylbenzylphthalate
Concen: 35.800 ng
RT: 13.57 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BF107551.D
Acq: 21 Jul 2018 3:36

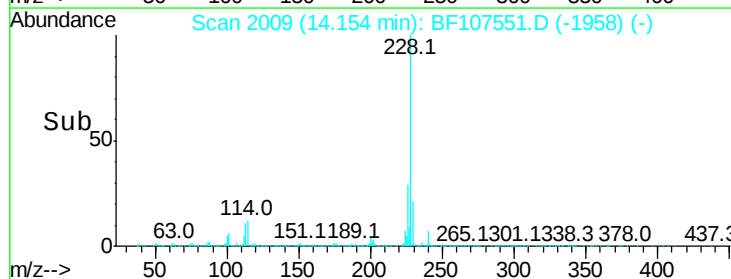
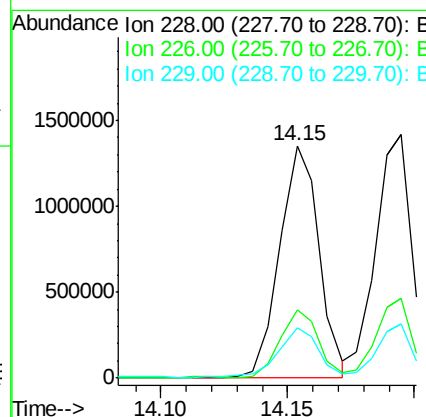
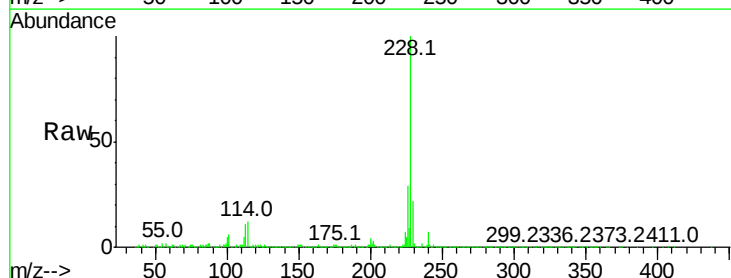
Instrument :
BNA_F
ClientSampleId :
SB1-12-0MSD

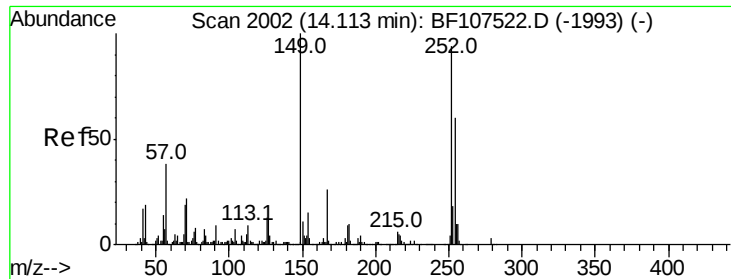
Tot Ion:149 Resp: 712824
Ion Ratio Lower Upper
149 100
91 70.6 56.8 85.2
206 19.5 14.1 21.1



#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

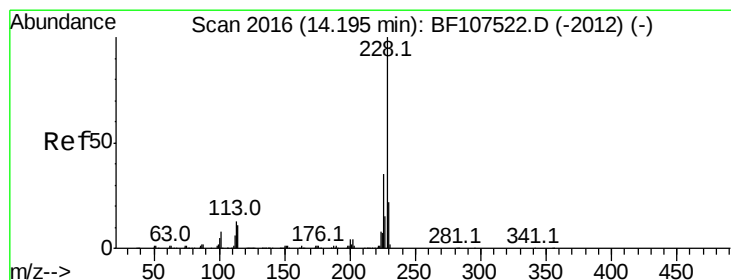
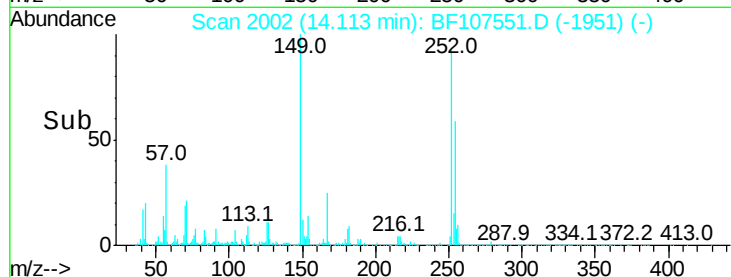
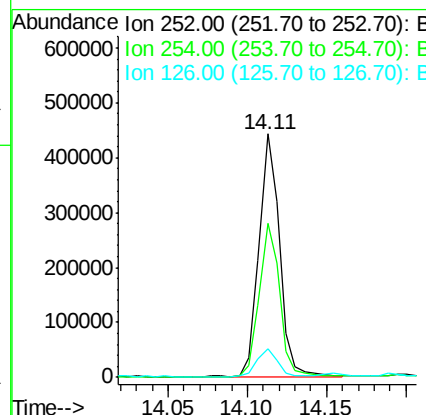
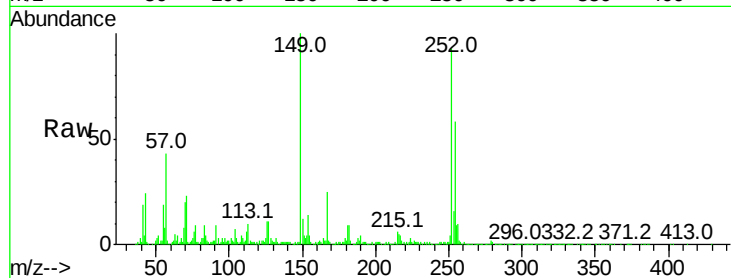




#81
 3,3'-Dichlorobenzidine
 Concen: 31.146 ng
 RT: 14.11 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: BF107551.D
 Acq: 21 Jul 2018 3:36

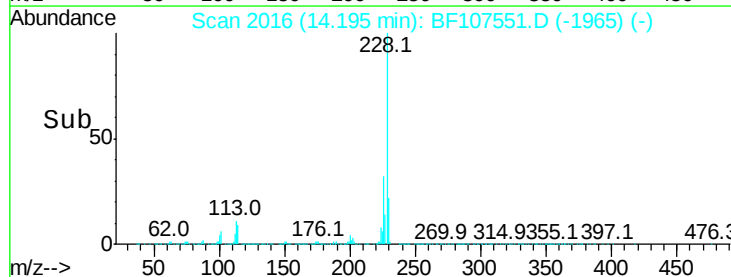
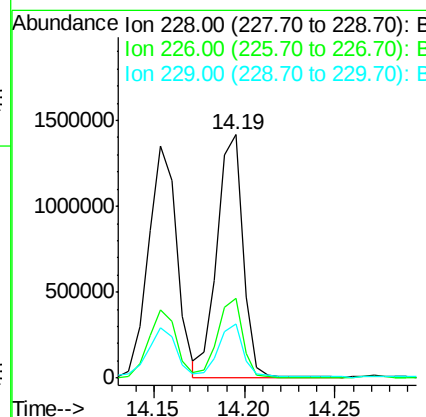
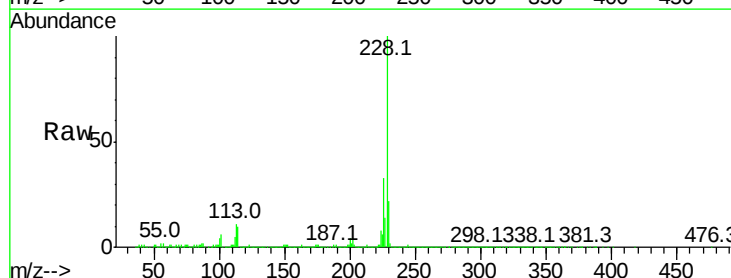
Instrument :
 BNA_F
 ClientSampleId :
 SB1-12-0MSD

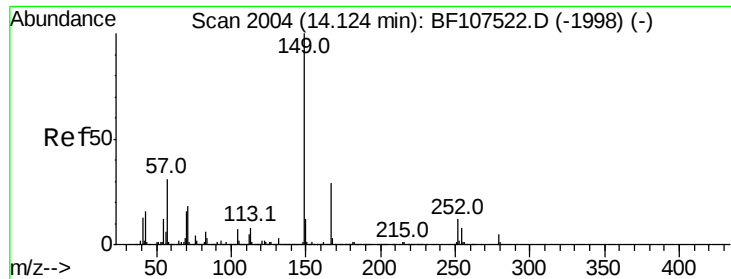
Tot Ion:252 Resp: 399735
 Ion Ratio Lower Upper
 252 100
 254 63.2 50.4 75.6
 126 11.7 11.3 16.9



#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

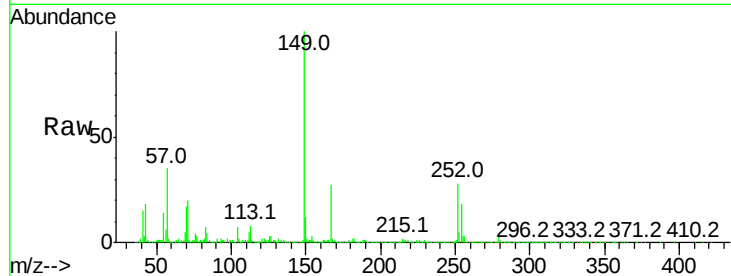
Tot Ion:149 Resp: 999277

Ion Ratio Lower Upper

149 100

167 27.4 21.3 31.9

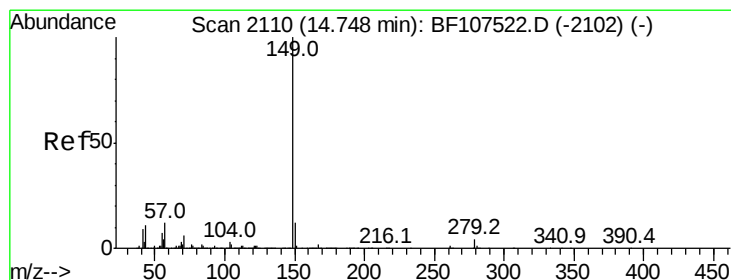
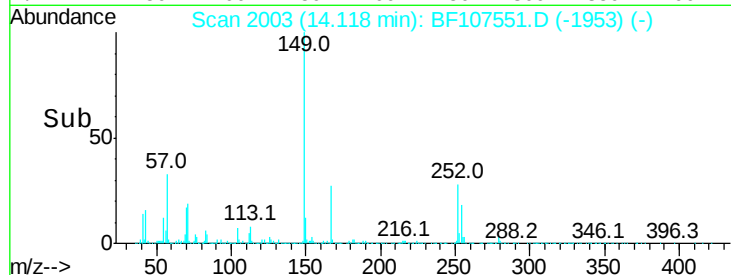
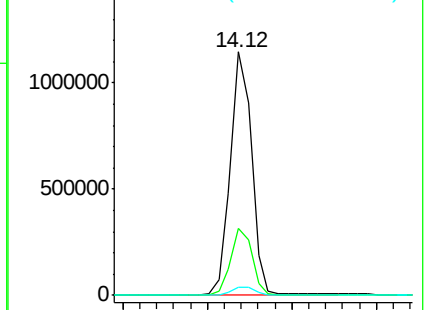
279 3.4 3.0 4.4



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

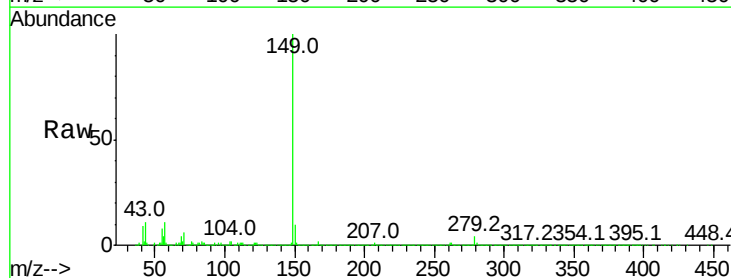
Tgt Ion:149 Resp: 1775800

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

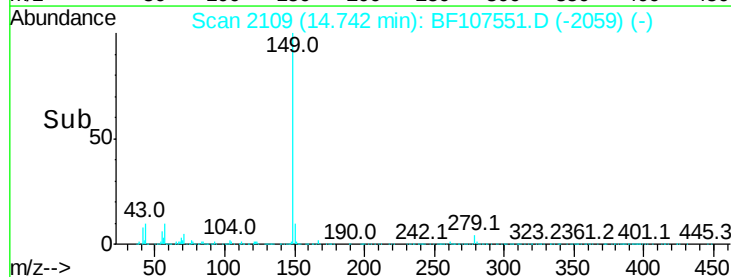
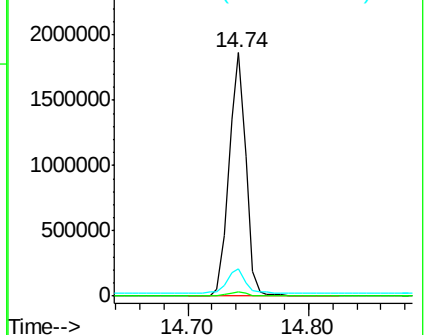
43 11.0 8.4 12.6

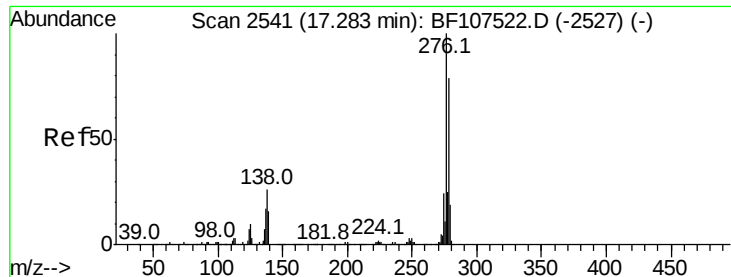


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

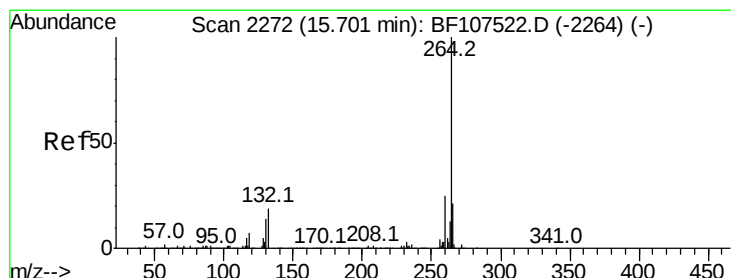
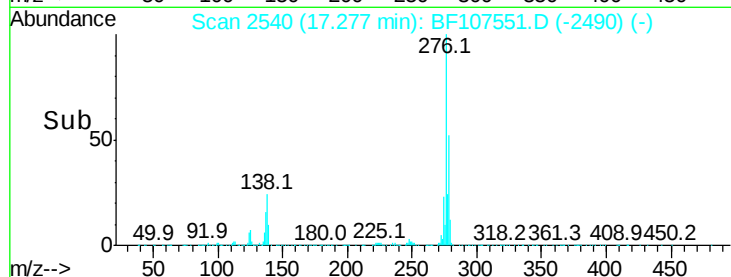
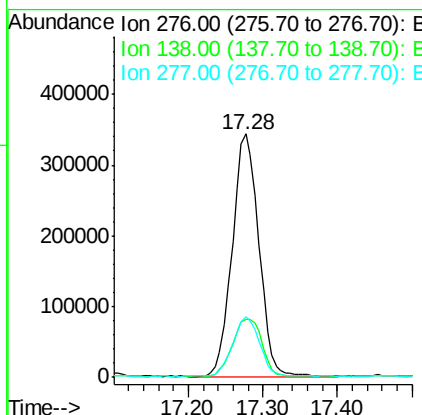
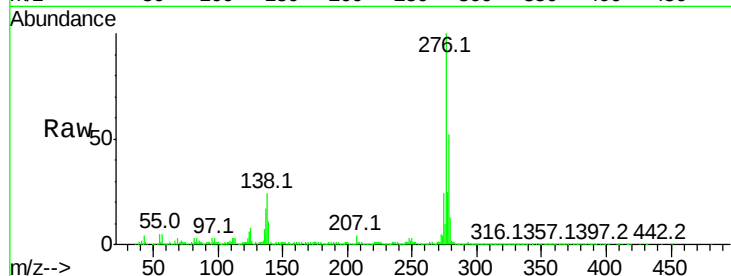




#85
Indeno(1,2,3-cd)pyrene
Concen: 26.319 ng
RT: 17.28 min Scan# 2540
Delta R.T. -0.01 min
Lab File: BF107551.D
Acq: 21 Jul 2018 3:36

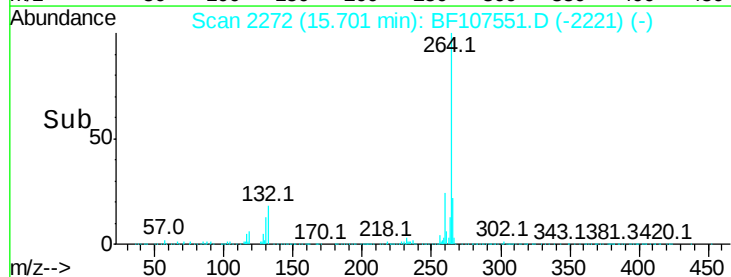
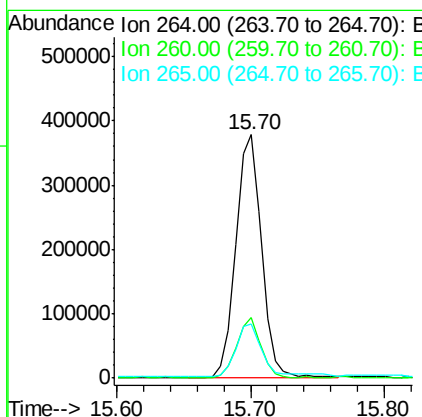
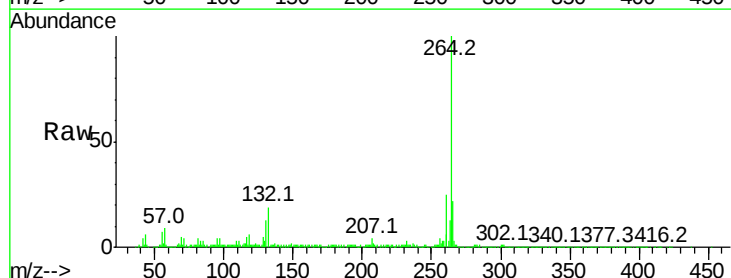
Instrument :
BNA_F
ClientSampleId :
SB1-12-0MSD

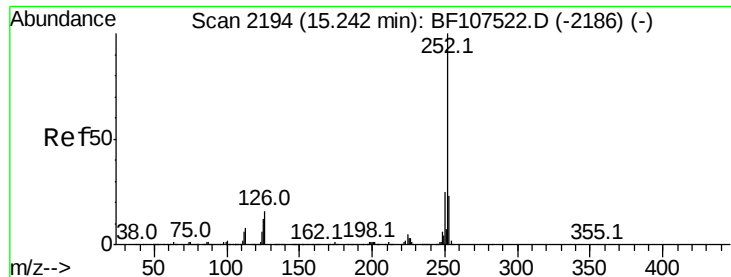
Tot Ion:276 Resp: 849956
Ion Ratio Lower Upper
276 100
138 26.2 25.0 37.6
277 24.7 20.1 30.1



#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

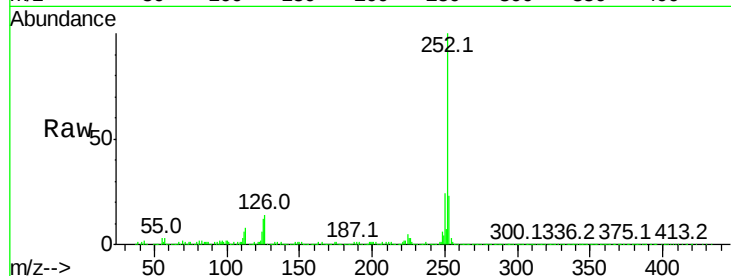
Tot Ion:252 Resp: 1085071

Ion Ratio Lower Upper

252 100

253 23.0 17.0 25.6

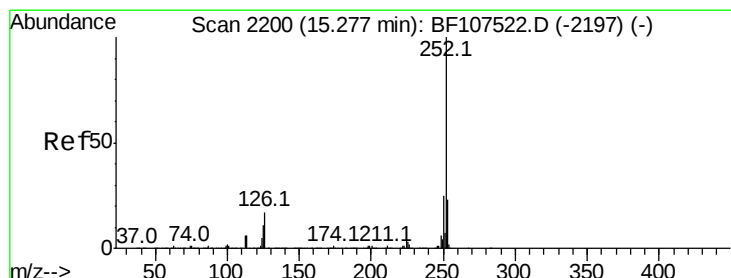
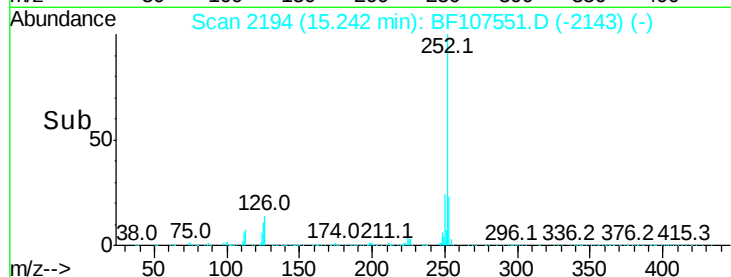
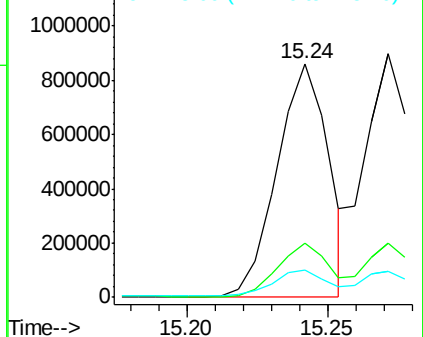
125 11.6 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 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

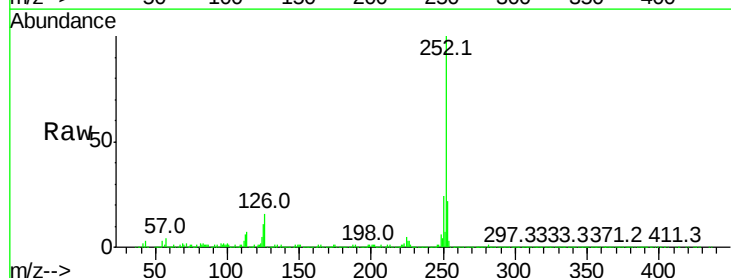
Tgt Ion:252 Resp: 1013205

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

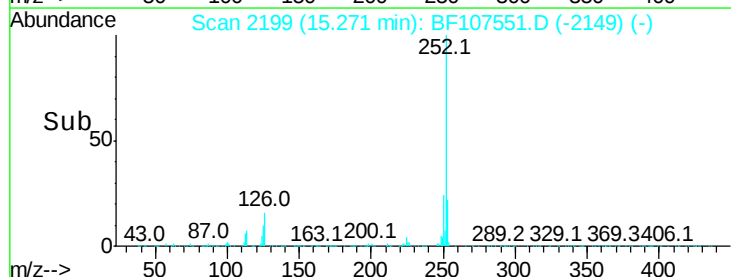
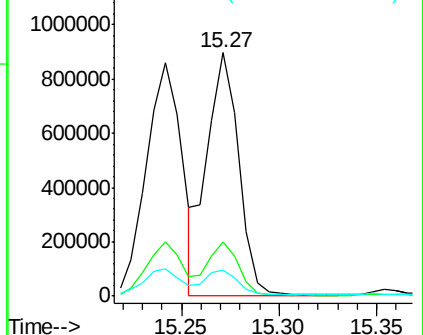
125 10.9 10.2 15.2

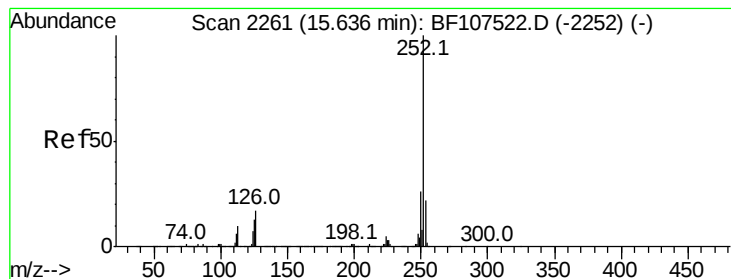


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 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

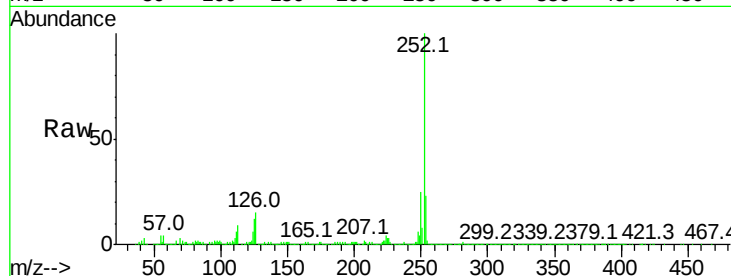
Tot Ion:252 Resp: 881456

Ion Ratio Lower Upper

252 100

253 22.5 17.1 25.7

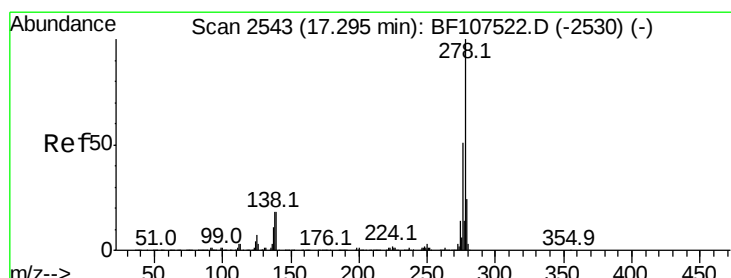
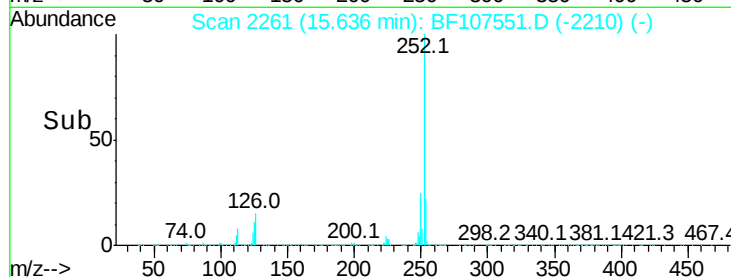
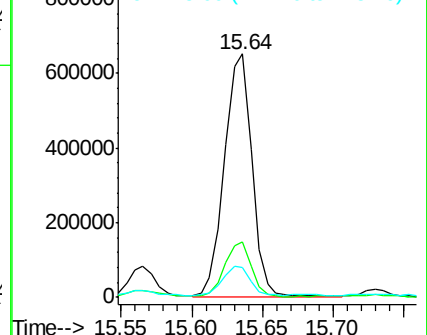
125 12.3 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 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

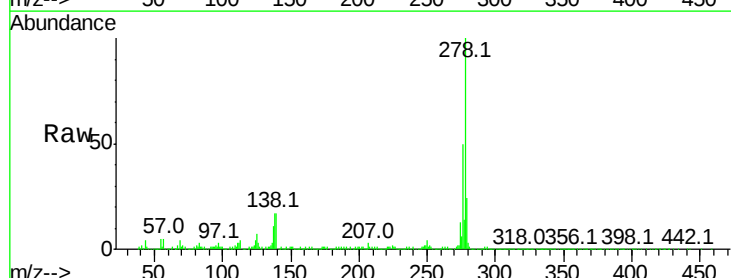
Tgt Ion:278 Resp: 713541

Ion Ratio Lower Upper

278 100

139 17.4 15.9 23.9

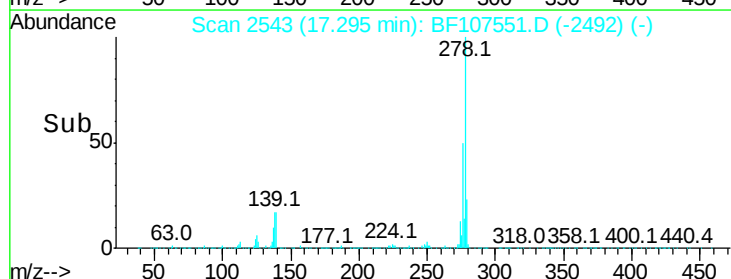
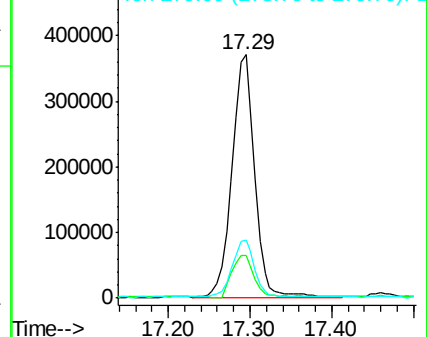
279 23.9 19.0 28.4

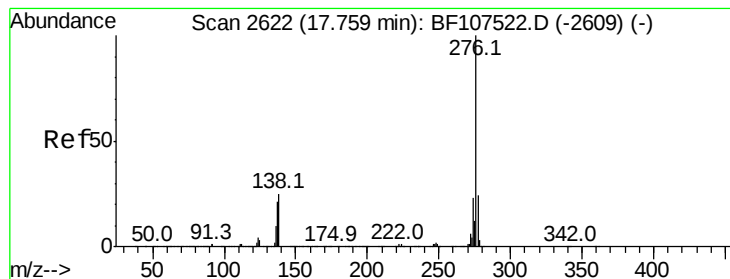


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 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

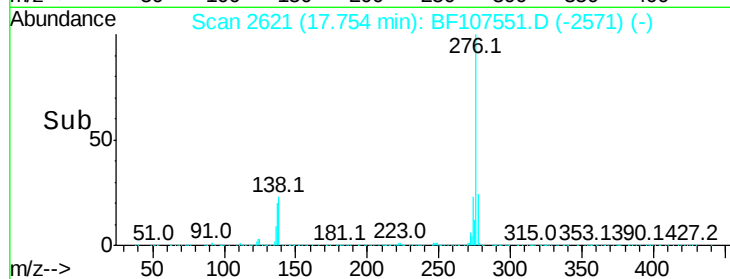
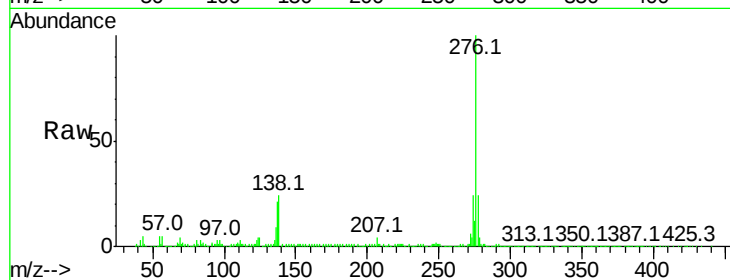
Tot Ion:276 Resp: 682007

Ion Ratio Lower Upper

276 100

277 24.0 17.9 26.9

138 23.9 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

