

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072718\
 Data File : BF107774.D
 Acq On : 28 Jul 2018 4:42
 Operator : JU/SJ
 Sample : J4184-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2B

Quant Time: Jul 30 01:32:29 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	6.97	152	158306	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	236101	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	242609	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	433473	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	435199	20.00	ng	-0.01
86) Perylene-d12	15.68	264	374146	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	358901	36.45	ng	0.00
7) Phenol-d6	6.61	99	347619	29.40	ng	0.00
23) Nitrobenzene-d5	7.54	82	843498	241.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	337767	122.43	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	1511059	118.68	ng	-0.02
78) Terphenyl-d14	13.08	244	1468966	86.41	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.52	77	96284	10.330	ng	# 1
10) Phenol	6.62	94	67920	4.885	ng	79
15) Benzyl Alcohol	7.12	79	21479	2.666	ng	# 49
18) Hexachloroethane	7.49	117	330263	76.814	ng	# 51
19) n-Nitroso-di-n-propylamine	7.54	70	113051	14.802	ng	# 82
22) Acetophenone	7.38	105	39792	7.176	ng	# 93
24) Nitrobenzene	7.57	77	34761	8.675	ng	# 6
25) Isophorone	7.54	82	840485	112.519	ng	# 64
27) 2,4-Dimethylphenol	7.93	122	17766	5.547	ng	86
28) bis(2-Chloroethoxy)methane	8.00	93	10478	2.099	ng	# 1
31) Naphthalene	8.30	128	15321078	1475.686	ng	# 89
32) Benzoic acid	8.05	122	31529	19.679	ng	# 1
33) 4-Chloroaniline	8.29	127	3183554	701.546	ng	# 33
35) Caprolactam	8.73	113	9675	9.086	ng	# 75
37) 2-Methylnaphthalene	8.98	142	3806054	529.019	ng	# 94
45) 1,1'-Biphenyl	9.42	154	1835052	86.829	ng	97
48) Acenaphthylene	9.88	152	5092204	209.841	ng	# 89
49) Dimethylphthalate	9.71	163	99854	5.461	ng	# 94
51) Acenaphthene	10.04	154	920091	60.514	ng	98
53) 2,4-Dinitrophenol	10.09	184	276	8.503	ng	# 1
54) Dibenzofuran	10.21	168	109111	4.874	ng	96
56) 2,4-Dinitrotoluene	10.17	165	18498	4.221	ng	# 72
57) Fluorene	10.56	166	1313443	82.248	ng	96
64) 4,6-Dinitro-2-methylphenol	10.63	198	1048	9.091	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	20121	3.943	ng	# 1
70) Phenanthrene	11.53	178	2809096	132.986	ng	97
71) Anthracene	11.58	178	845631	39.761	ng	99
72) Carbazole	11.74	167	96126	4.346	ng	93
73) Di-n-butylphthalate	12.04	149	11345	Below Cal		# 73
74) Fluoranthene	12.72	202	1003487	44.271	ng	97
77) Pyrene	12.95	202	1339437	44.996	ng	97
80) Benzo(a)anthracene	14.18	228	266529	10.451	ng	93
81) 3,3'-Dichlorobenzidine	14.06	252	1232	Below Cal		# 39
82) Chrysene	14.18	228	266529	10.879	ng	97

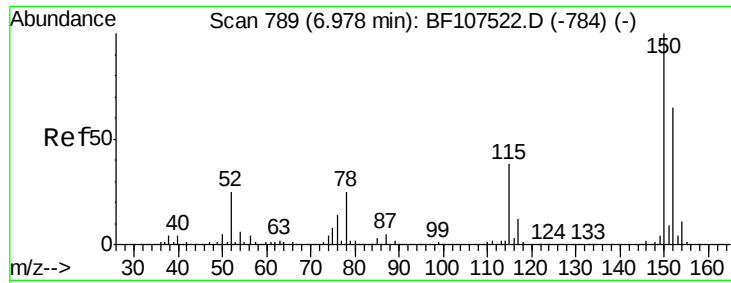
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072718\
Data File : BF107774.D
Acq On : 28 Jul 2018 4:42
Operator : JU/SJ
Sample : J4184-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2B

Quant Time: Jul 30 01:32:29 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)
85) Indeno(1,2,3-cd)pyrene	17.26	276	79571	3.832	ng	# 85
87) Benzo(b)fluoranthene	15.23	252	272801	13.323	ng	97
88) Benzo(k)fluoranthene	15.23	252	272801	13.598	ng	98
89) Benzo(a)pyrene	15.62	252	220288	11.761	ng	98

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

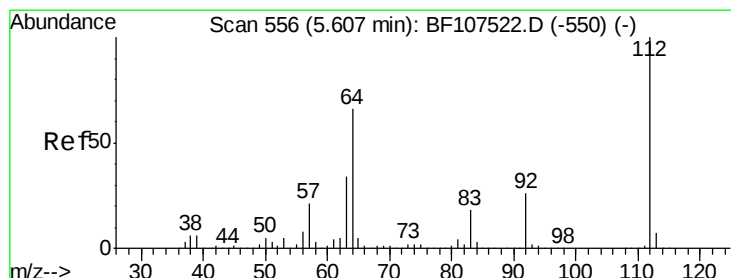
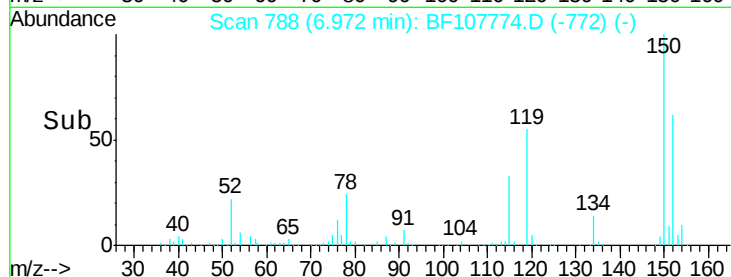
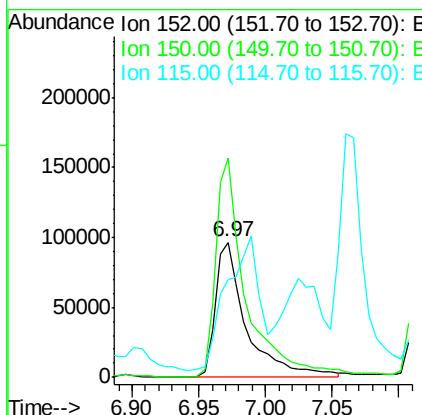
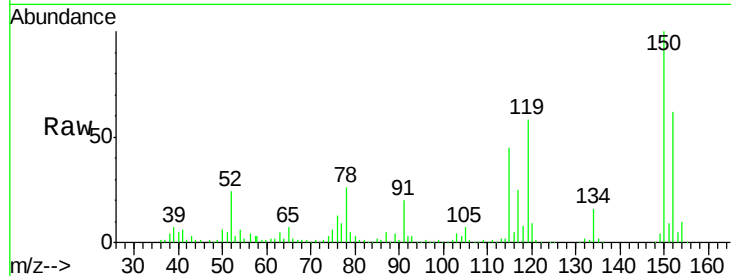


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107774.D
Acq: 28 Jul 2018 4:42

Instrument :
BNA_F
ClientSampleId :
MW-2B

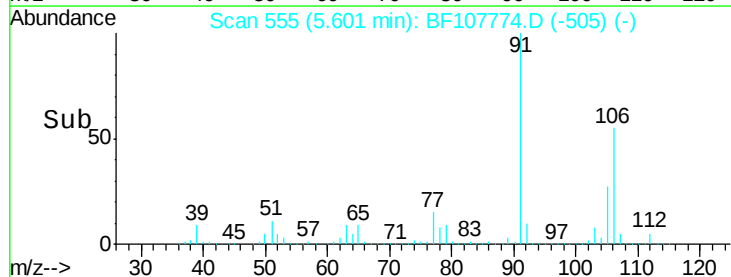
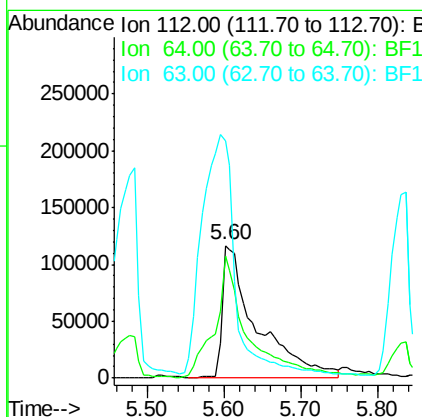
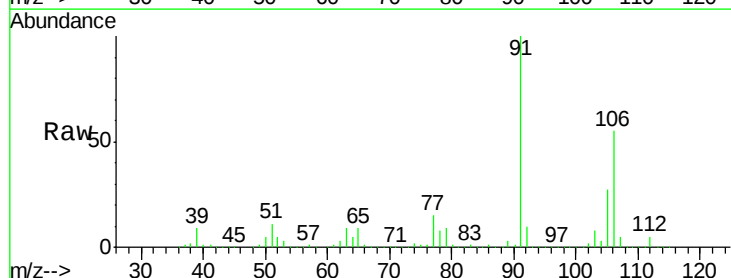
Tgt Ion:152 Resp: 158306
Ion Ratio Lower Upper
152 100
150 161.8 124.6 186.8
115 72.4 50.1 75.1

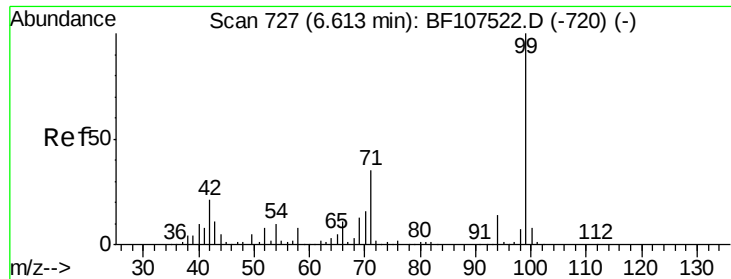


#5

2-Fluorophenol
Concen: 36.451 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107774.D
Acq: 28 Jul 2018 4:42

Tgt Ion:112 Resp: 358901
Ion Ratio Lower Upper
112 100
64 92.3 47.9 71.9#
63 178.5 23.7 35.5#





#7

Phenol-d6

Concen: 29.403 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107774.D

Acq: 28 Jul 2018 4:42

Instrument :

BNA_F

ClientSampled :

MW-2B

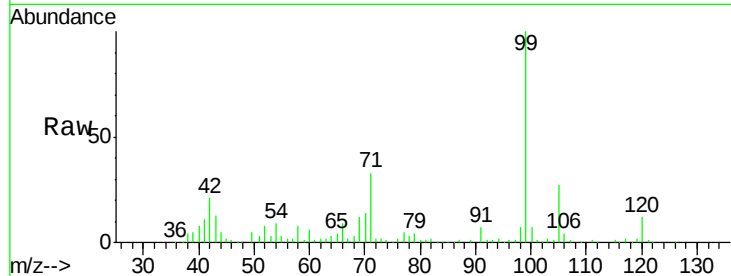
Tgt Ion: 99 Resp: 347619

Ion Ratio Lower Upper

99 100

42 20.8 14.5 21.7

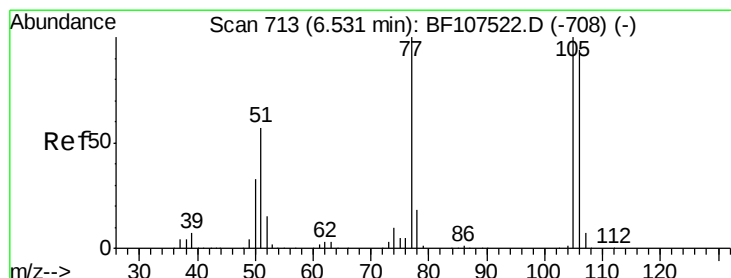
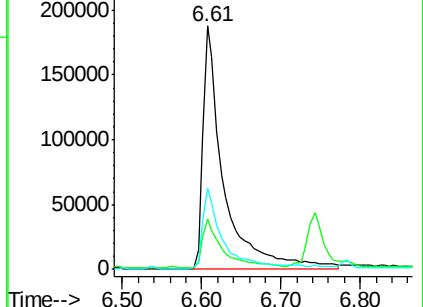
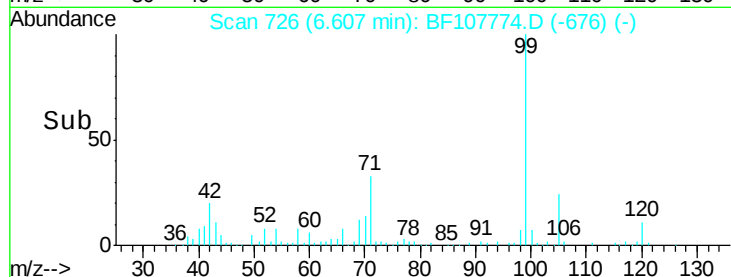
71 33.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 10.330 ng

RT: 6.52 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF107774.D

Acq: 28 Jul 2018 4:42

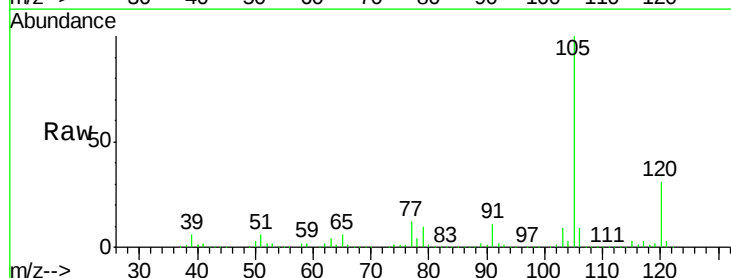
Tgt Ion: 77 Resp: 96284

Ion Ratio Lower Upper

77 100

105 858.2 81.1 121.1#

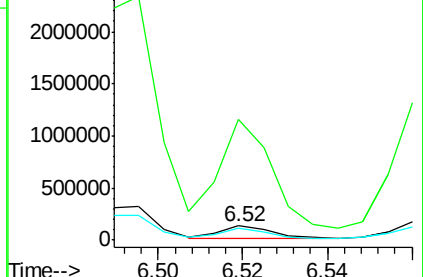
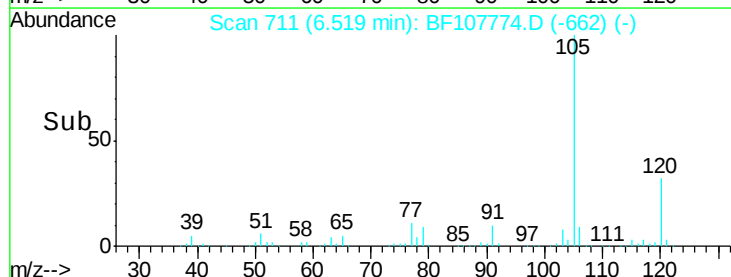
106 80.6 74.5 114.5

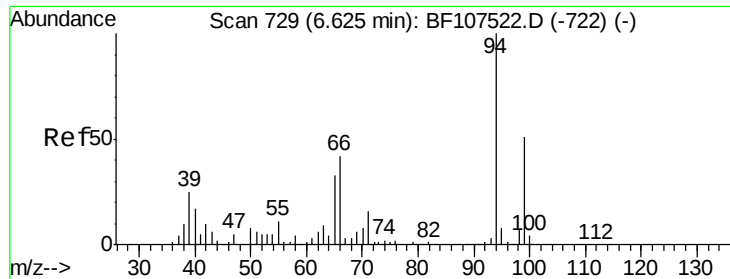


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 4.885 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF107774.D

Acq: 28 Jul 2018 4:42

Instrument :

BNA_F

ClientSampled :

MW-2B

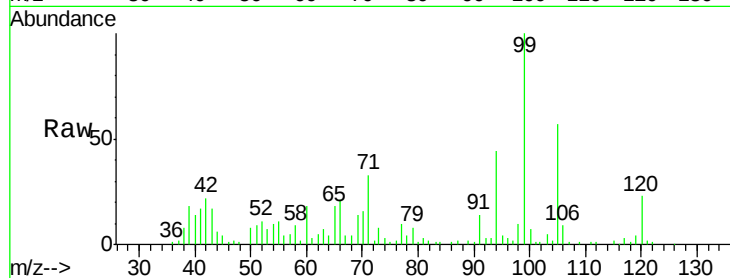
Tgt Ion: 94 Resp: 67920

Ion Ratio Lower Upper

94 100

65 40.3 7.9 47.9

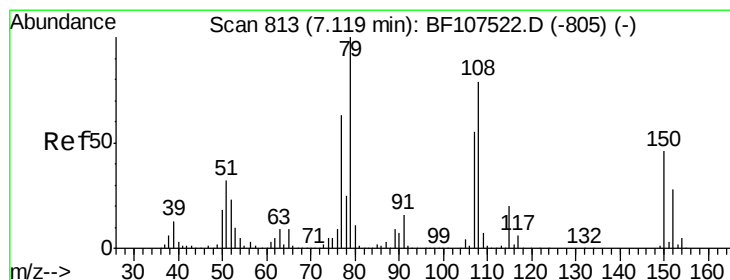
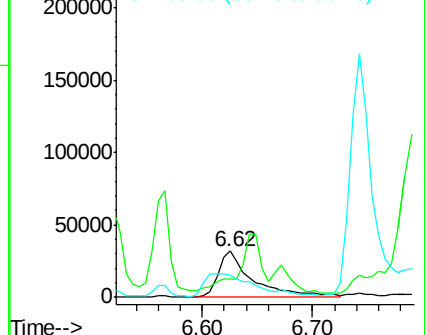
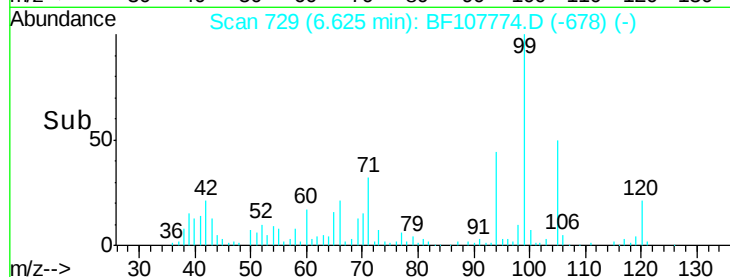
66 47.1 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



#15

Benzyl Alcohol

Concen: 2.666 ng

RT: 7.12 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF107774.D

Acq: 28 Jul 2018 4:42

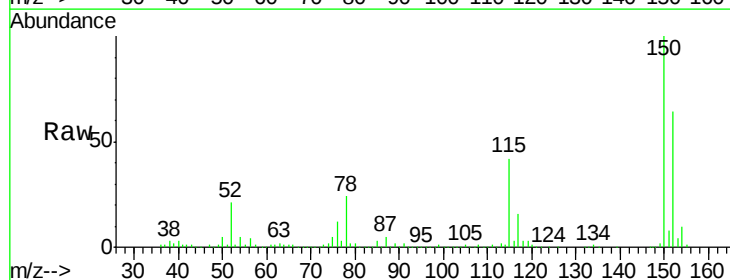
Tgt Ion: 79 Resp: 21479

Ion Ratio Lower Upper

79 100

108 38.1 65.1 97.7#

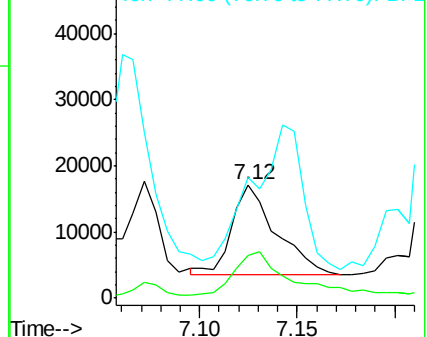
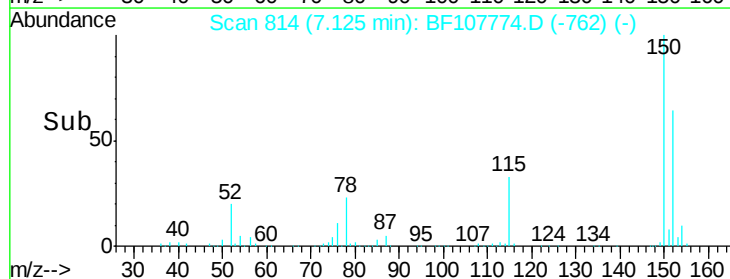
77 106.0 50.6 75.8#

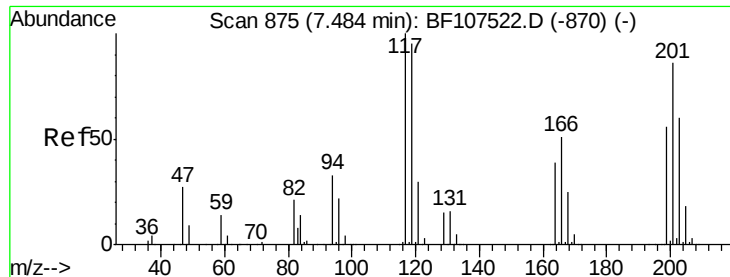


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

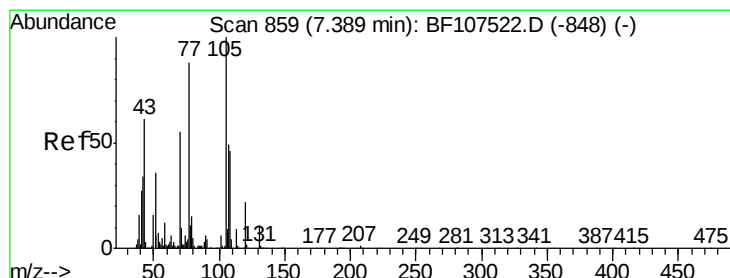
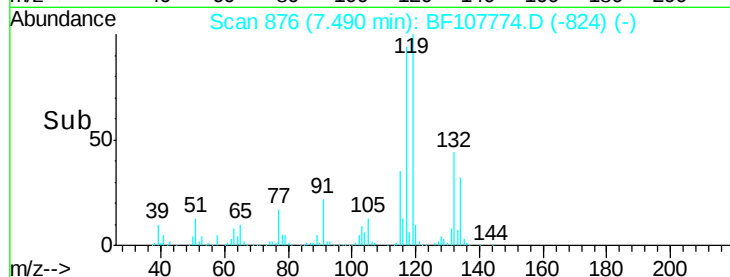
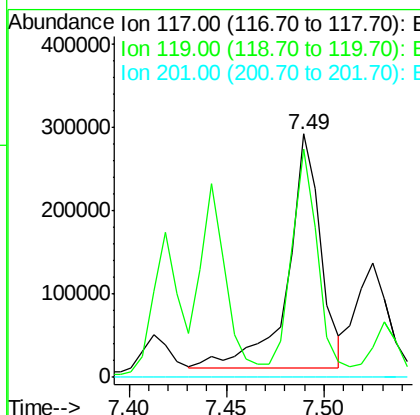
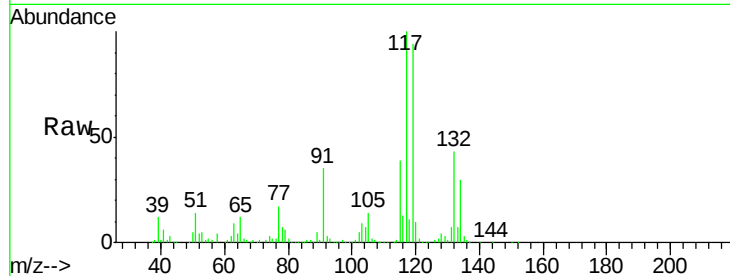




#18
Hexachloroethane
Concen: 76.814 ng
RT: 7.49 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF107774.D
Acq: 28 Jul 2018 4:42

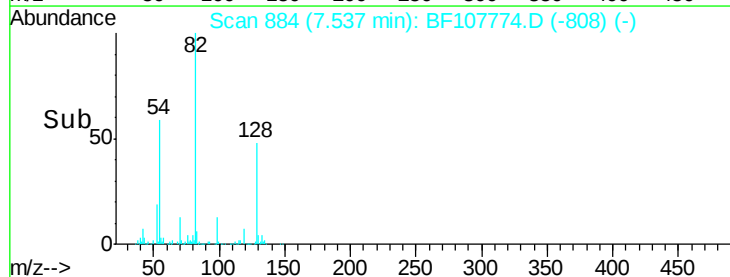
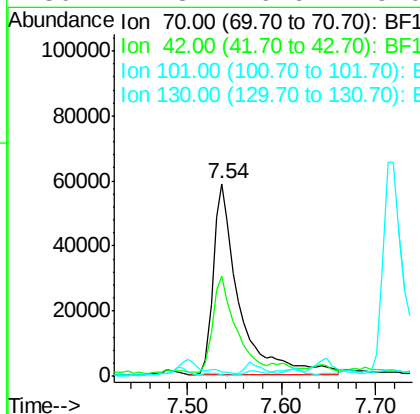
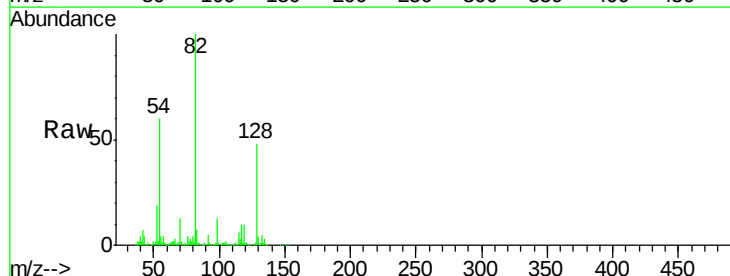
Instrument :
BNA_F
ClientSampleId :
MW-2B

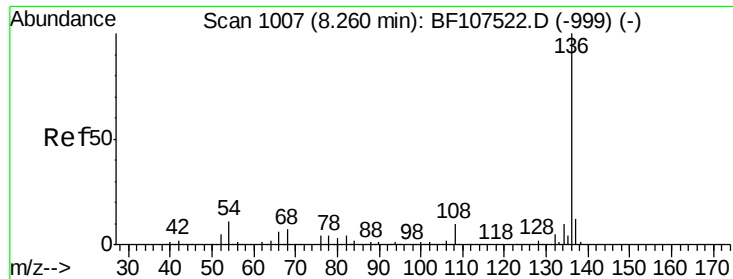
Tgt Ion: 117 Resp: 330263
Ion Ratio Lower Upper
117 100
119 93.8 75.8 113.8
201 0.0 75.7 113.5#



#19
n-Nitroso-di-n-propylamine
Concen: 14.802 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.15 min
Lab File: BF107774.D
Acq: 28 Jul 2018 4:42

Tgt Ion: 70 Resp: 113051
Ion Ratio Lower Upper
70 100
42 52.2 47.5 71.3
101 0.6 7.4 11.2#
130 2.3 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF107774.D

Acq: 28 Jul 2018 4:42

Instrument :

BNA_F

ClientSampleId :

MW-2B

Tgt Ion:136 Resp: 236101

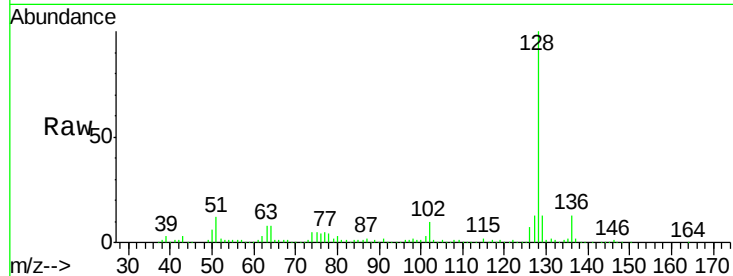
Ion Ratio Lower Upper

136 100

137 11.8 8.9 13.3

54 10.9 6.6 9.8#

68 7.1 5.0 7.4

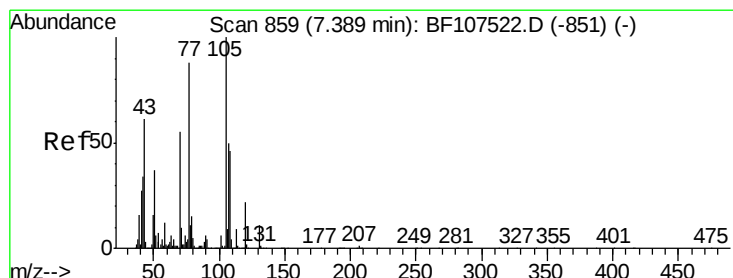
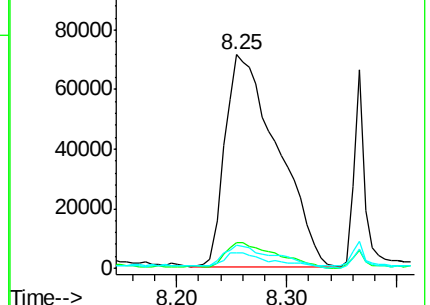
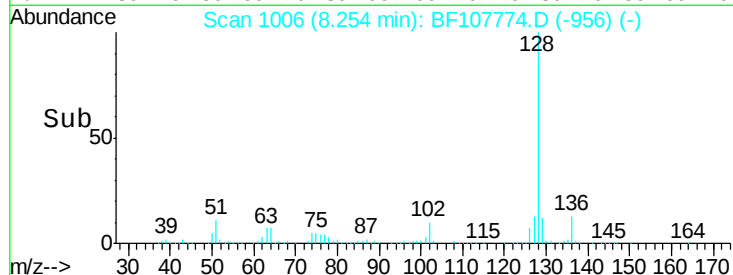


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 7.176 ng

RT: 7.38 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF107774.D

Acq: 28 Jul 2018 4:42

Tgt Ion:105 Resp: 39792

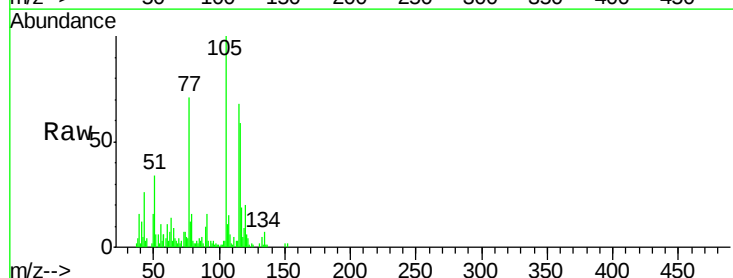
Ion Ratio Lower Upper

105 100

71 2.9 4.4 6.6#

51 34.3 22.3 33.5#

120 20.5 16.9 25.3

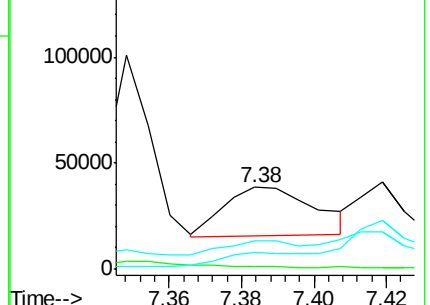
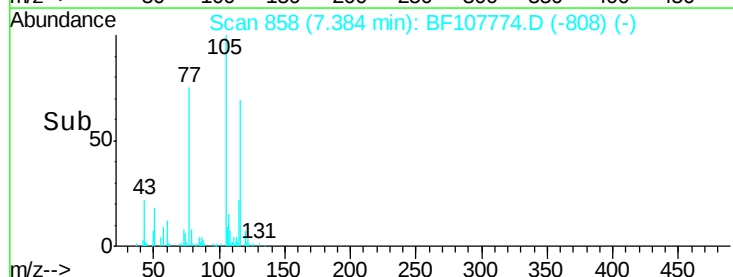


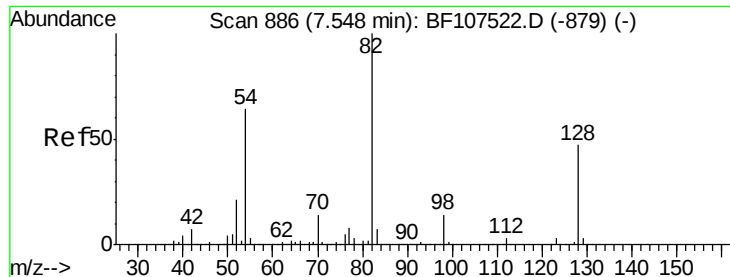
Abundance Ion 105.00 (104.70 to 105.70): E

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

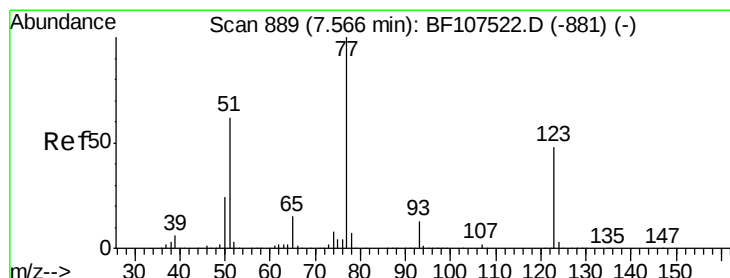
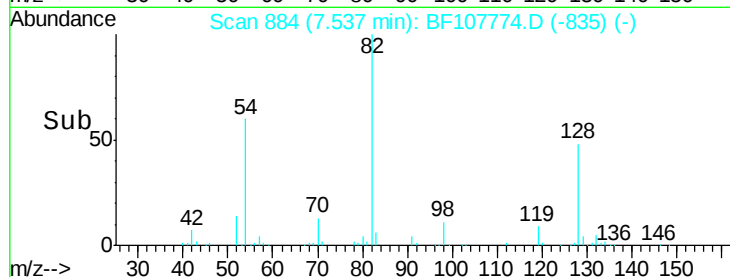
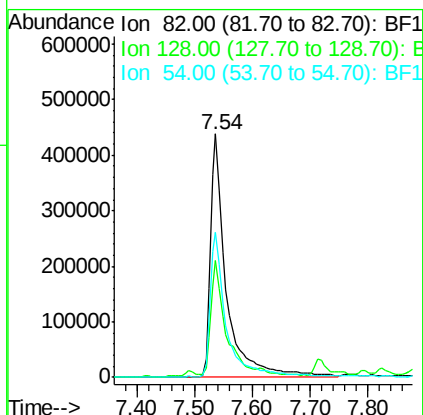
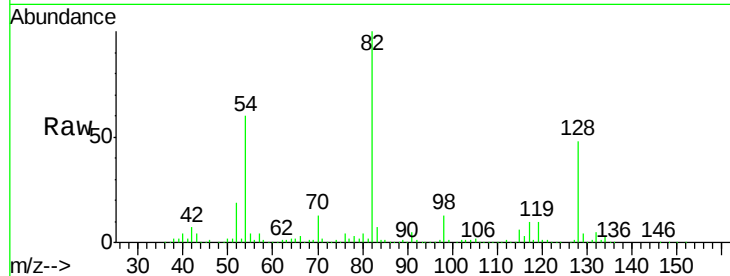




#23
 Nitrobenzene-d5
 Concen: 241.107 ng
 RT: 7.54 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF107774.D
 Acq: 28 Jul 2018 4:42

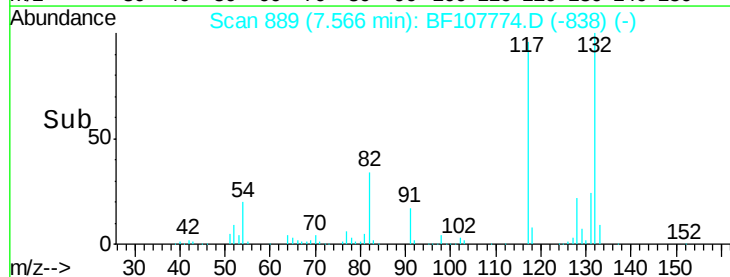
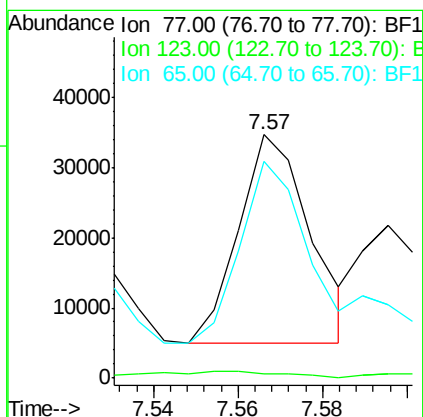
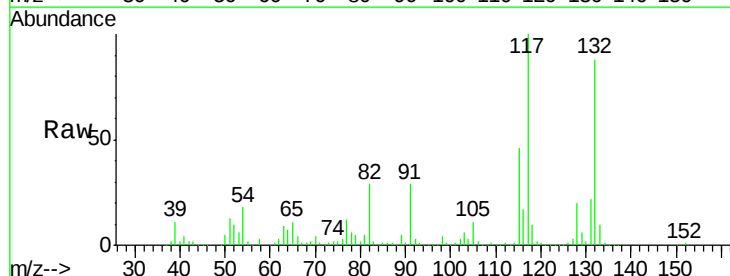
Instrument :
 BNA_F
 ClientSampled :
 MW-2B

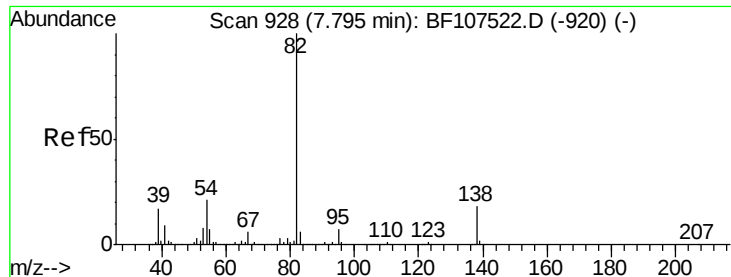
Tgt Ion: 82 Resp: 843498
 Ion Ratio Lower Upper
 82 100
 128 47.8 36.1 54.1
 54 59.6 41.4 62.2



#24
 Nitrobenzene
 Concen: 8.675 ng
 RT: 7.57 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: BF107774.D
 Acq: 28 Jul 2018 4:42

Tgt Ion: 77 Resp: 34761
 Ion Ratio Lower Upper
 77 100
 123 1.9 37.9 56.9#
 65 89.0 11.0 16.4#





#25

Isophorone

Concen: 112.519 ng

RT: 7.54 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF107774.D

Acq: 28 Jul 2018 4:42

Instrument :

BNA_F

ClientSampled :

MW-2B

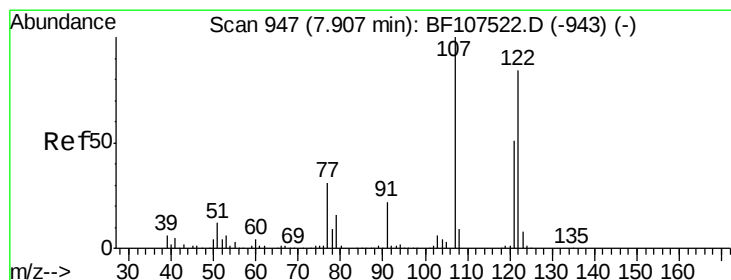
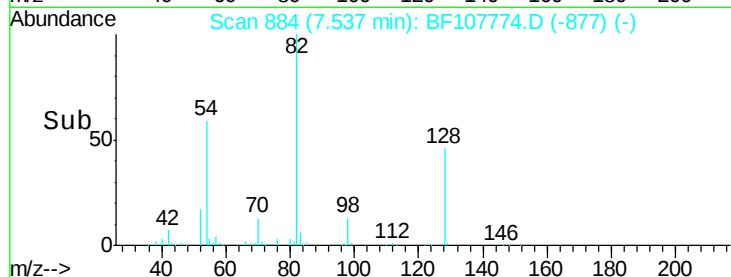
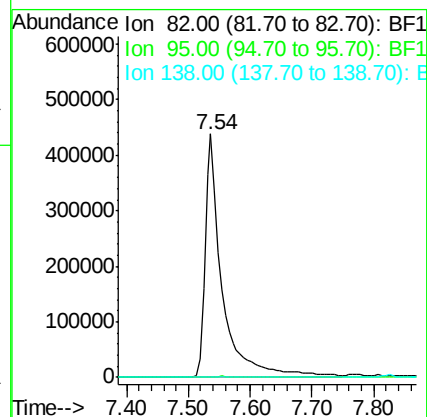
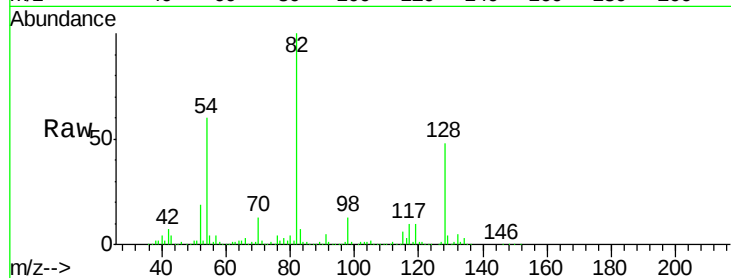
Tgt Ion: 82 Resp: 840485

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

138 0.0 14.9 22.3#



#27

2,4-Dimethylphenol

Concen: 5.547 ng

RT: 7.93 min Scan# 951

Delta R.T. 0.02 min

Lab File: BF107774.D

Acq: 28 Jul 2018 4:42

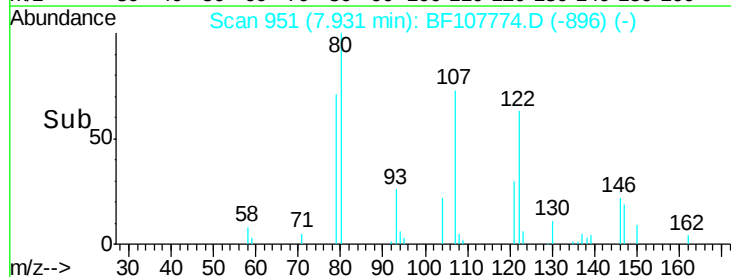
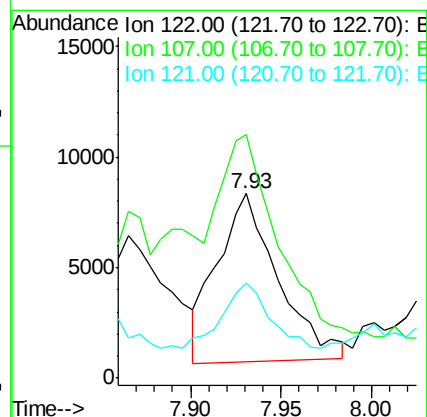
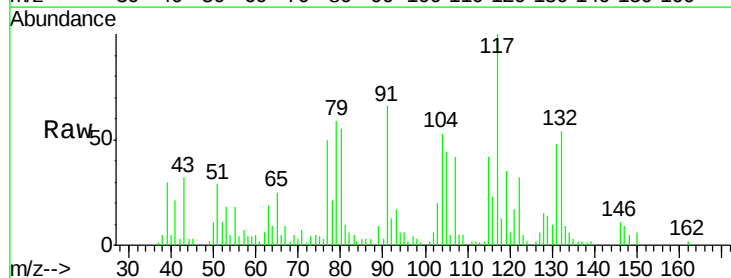
Tgt Ion: 122 Resp: 17766

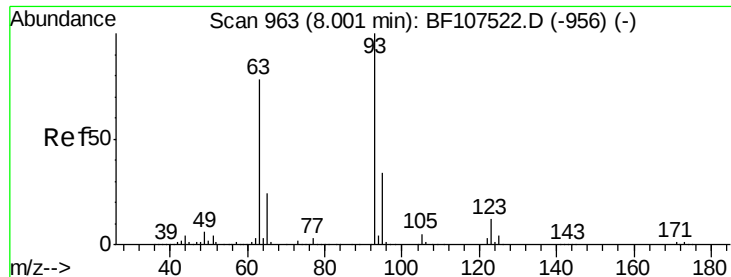
Ion Ratio Lower Upper

122 100

107 132.1 91.2 136.8

121 51.6 47.2 70.8

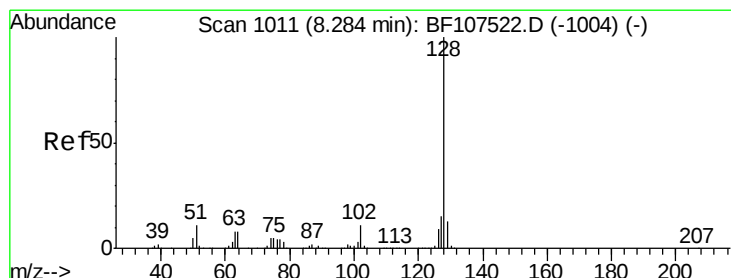
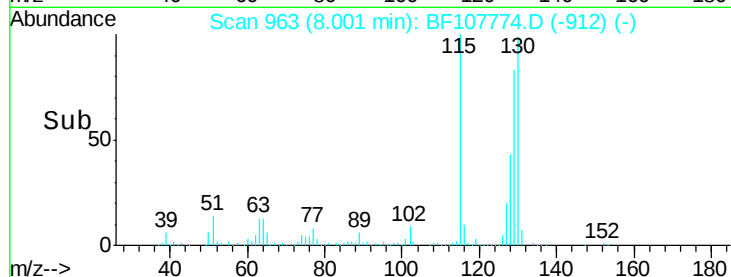
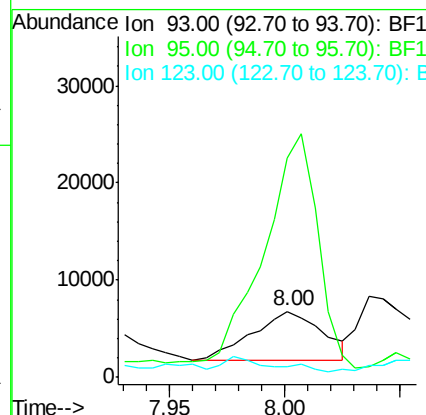
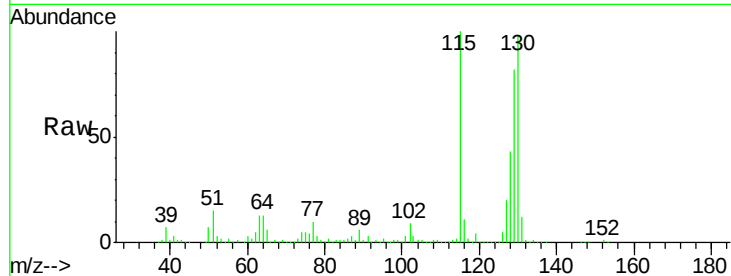




#28
bis(2-Chloroethoxy)methane
Concen: 2.099 ng
RT: 8.00 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF107774.D
Acq: 28 Jul 2018 4:42

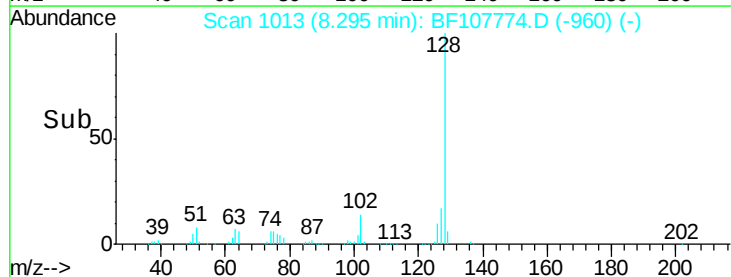
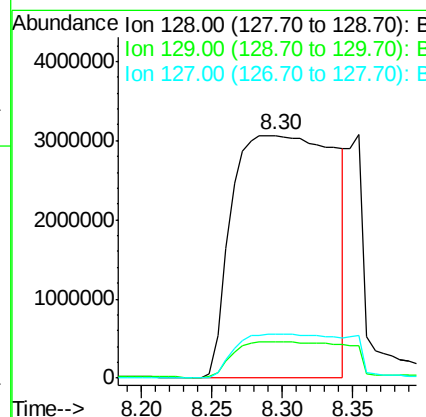
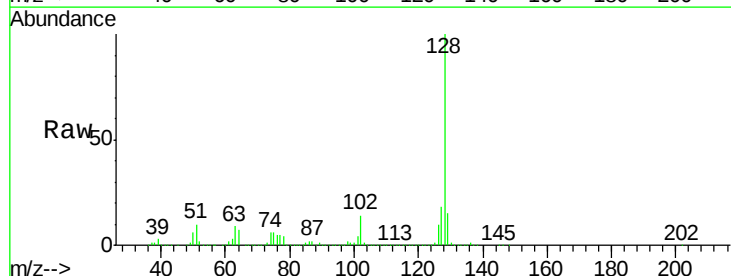
Instrument :
BNA_F
ClientSampleId :
MW-2B

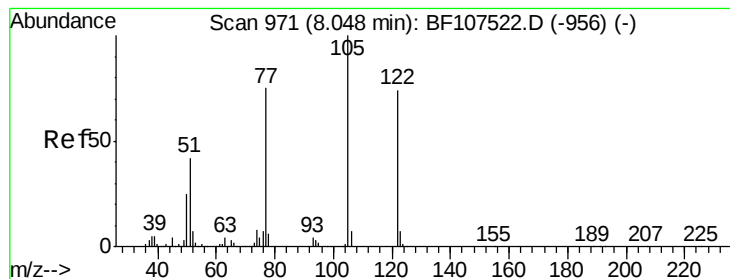
Tgt Ion: 93 Resp: 10478
Ion Ratio Lower Upper
93 100
95 332.9 26.3 39.5#
123 15.3 9.8 14.6#



#31
Naphthalene
Concen: 1475.686 ng
RT: 8.30 min Scan# 1013
Delta R.T. 0.01 min
Lab File: BF107774.D
Acq: 28 Jul 2018 4:42

Tgt Ion: 128 Resp: 15321078
Ion Ratio Lower Upper
128 100
129 15.0 8.8 13.2#
127 18.1 10.9 16.3#





#32

Benzoic acid

Concen: 19.679 ng

RT: 8.05 min Scan# 972

Delta R.T. 0.01 min

Lab File: BF107774.D

Acq: 28 Jul 2018 4:42

Instrument :

BNA_F

ClientSampleId :

MW-2B

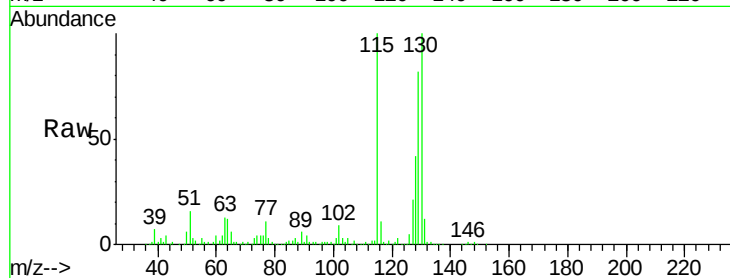
Tgt Ion:122 Resp: 31529

Ion Ratio Lower Upper

122 100

105 122.4 101.1 141.1

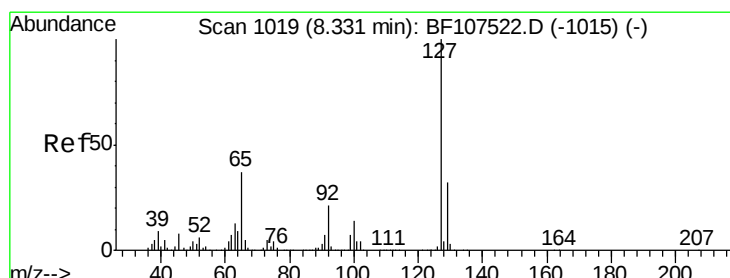
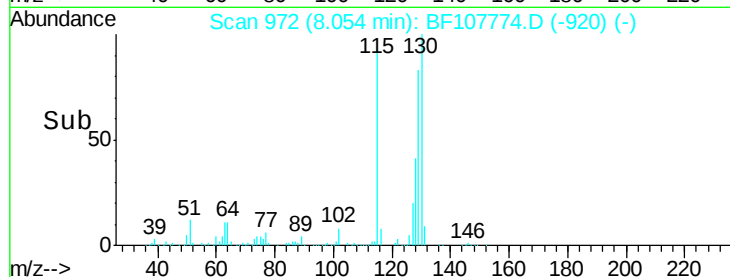
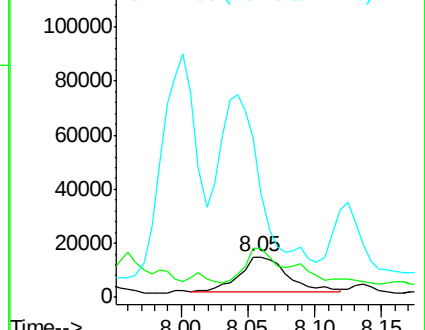
77 395.4 70.7 110.7#



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: 701.546 ng

RT: 8.29 min Scan# 1012

Delta R.T. -0.04 min

Lab File: BF107774.D

Acq: 28 Jul 2018 4:42

Tgt Ion:127 Resp: 3183554

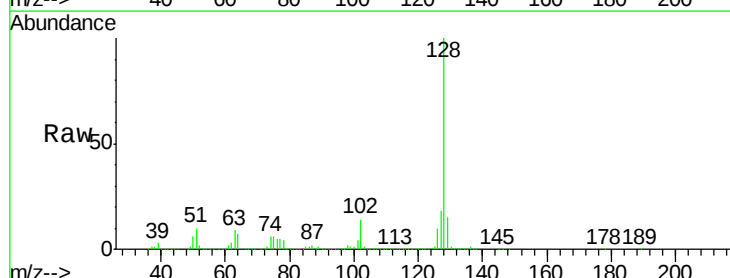
Ion Ratio Lower Upper

127 100

129 83.4 25.9 38.9#

65 0.0 25.0 37.4#

92 0.1 15.2 22.8#

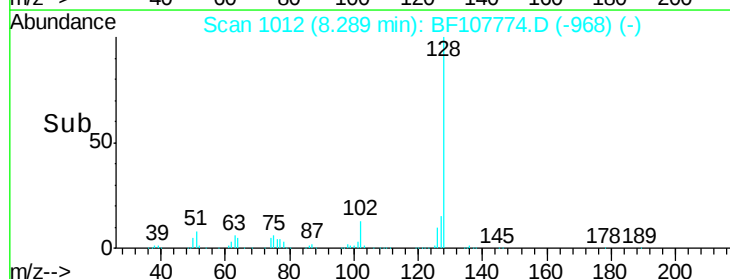
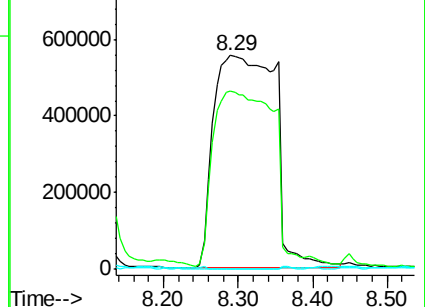


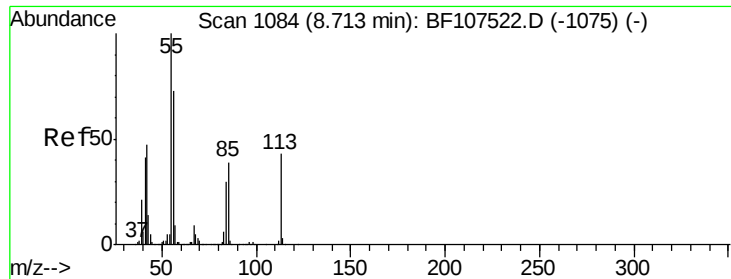
Abundance Ion 127.00 (126.70 to 127.70): E

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





#35

Caprolactam

Concen: 9.086 ng

RT: 8.73 min Scan# 1087

Delta R.T. 0.02 min

Lab File: BF107774.D

Acq: 28 Jul 2018 4:42

Instrument :

BNA_F

ClientSampleId :

MW-2B

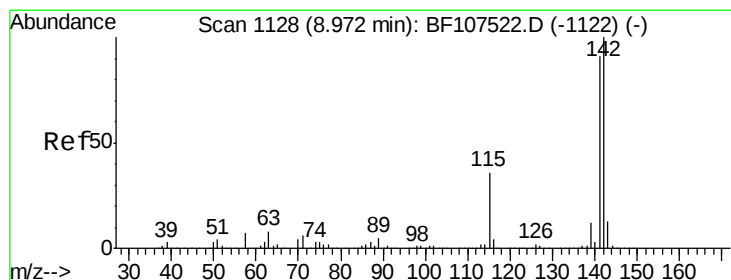
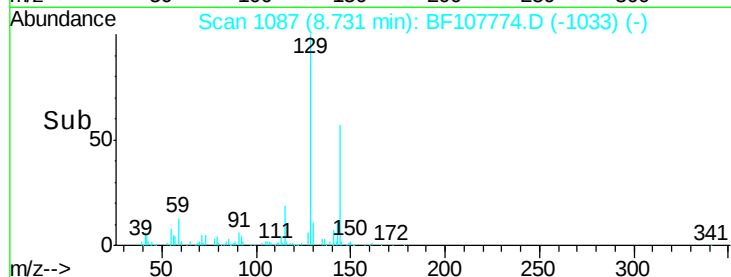
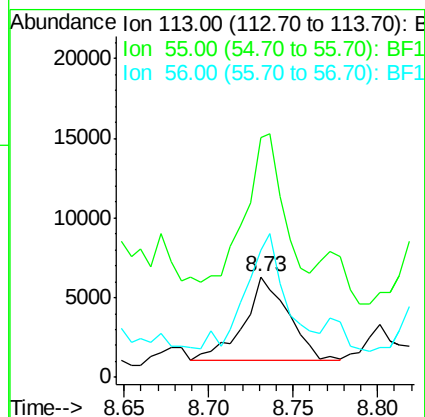
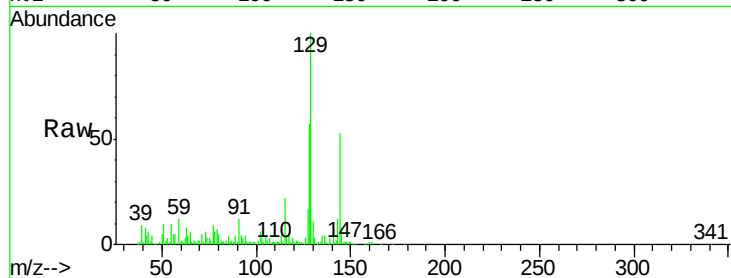
Tgt Ion:113 Resp: 9675

Ion Ratio Lower Upper

113 100

55 237.5 163.3 203.3#

56 126.3 115.7 155.7



#37

2-Methylnaphthalene

Concen: 529.019 ng

RT: 8.98 min Scan# 1129

Delta R.T. 0.01 min

Lab File: BF107774.D

Acq: 28 Jul 2018 4:42

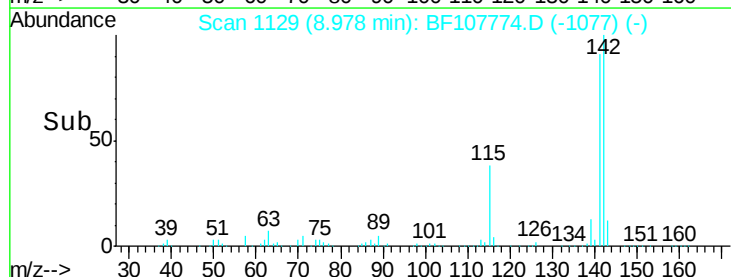
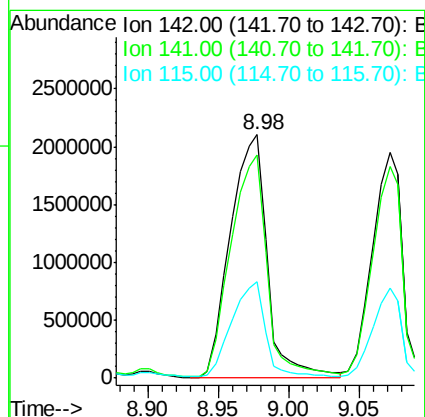
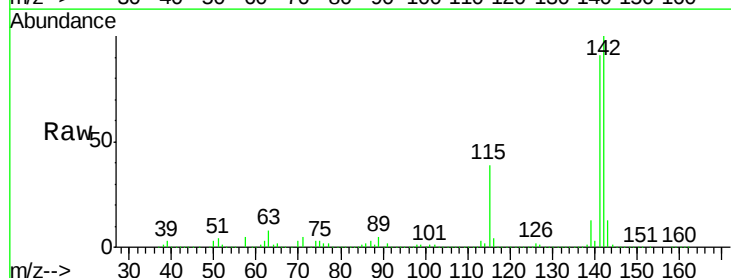
Tgt Ion:142 Resp: 3806054

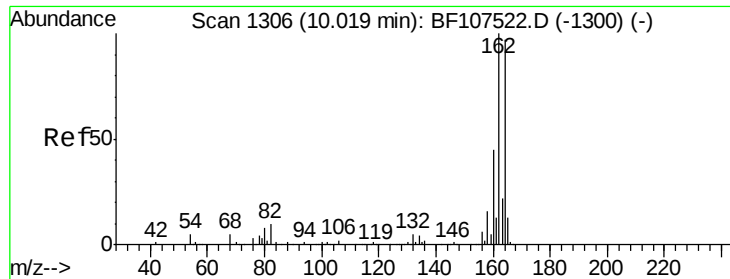
Ion Ratio Lower Upper

142 100

141 91.4 70.8 106.2

115 39.4 26.1 39.1#

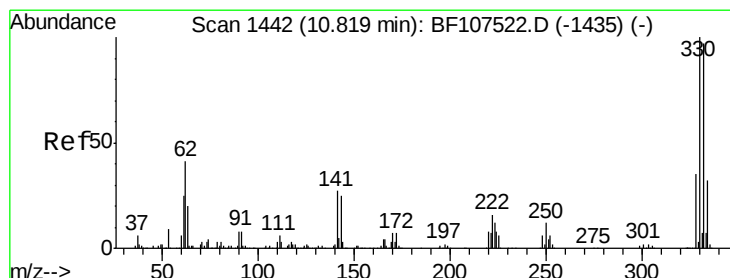
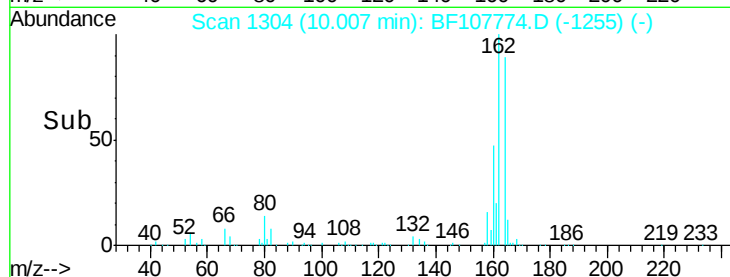
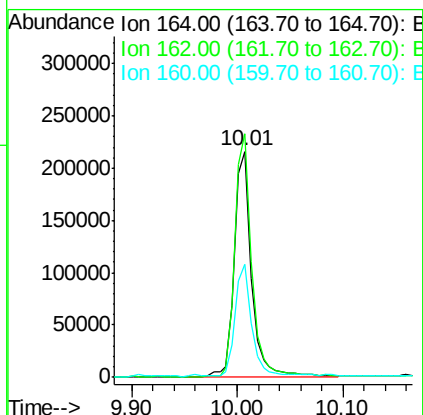
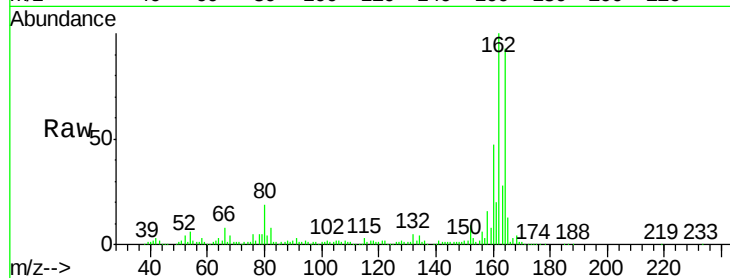




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF107774.D
Acq: 28 Jul 2018 4:42

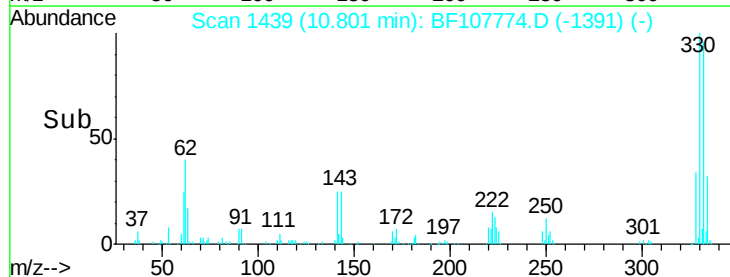
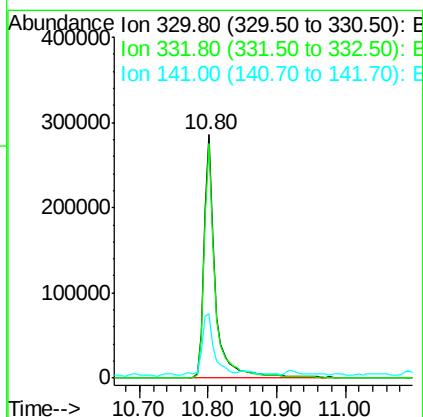
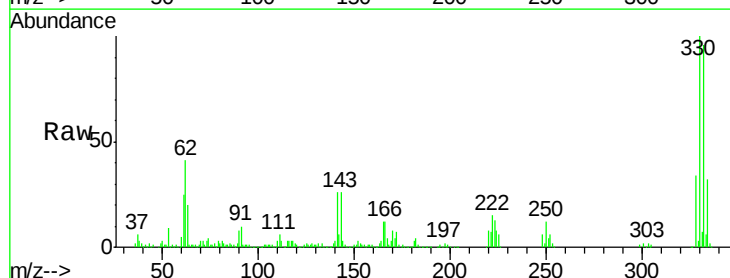
Instrument :
BNA_F
ClientSampleId :
MW-2B

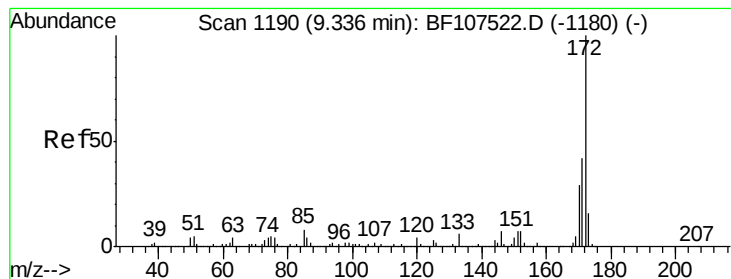
Tgt Ion:164 Resp: 242609
Ion Ratio Lower Upper
164 100
162 107.8 86.1 129.1
160 50.2 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 122.431 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.02 min
Lab File: BF107774.D
Acq: 28 Jul 2018 4:42

Tgt Ion:330 Resp: 337767
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 26.0 29.9 44.9#

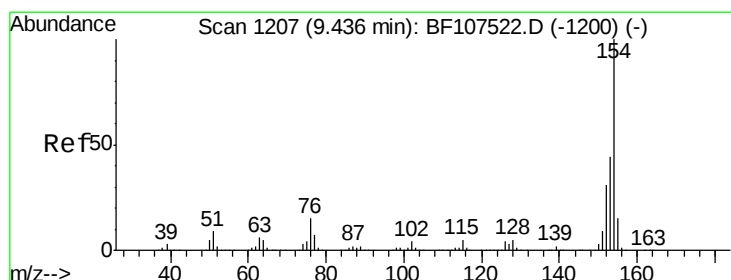
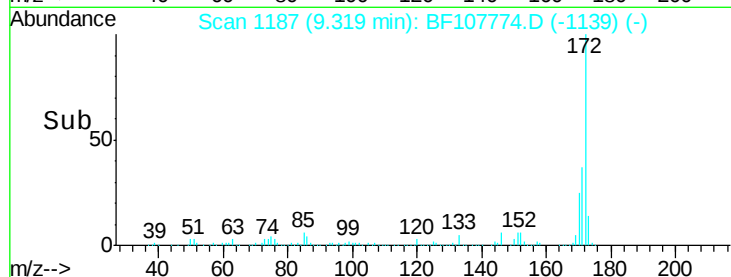
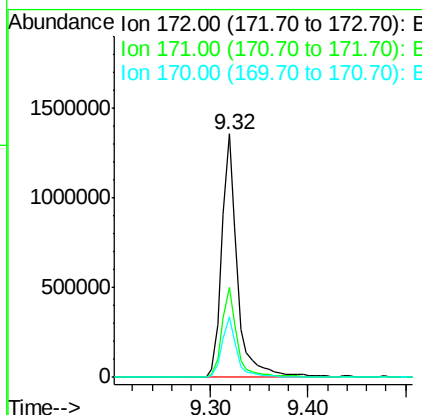
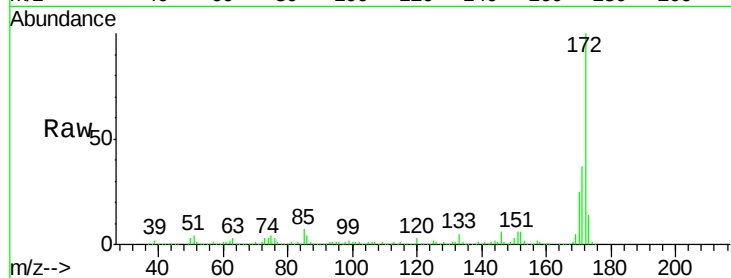




#44
 2-Fluorobiphenyl
 Concen: 118.678 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.02 min
 Lab File: BF107774.D
 Acq: 28 Jul 2018 4:42

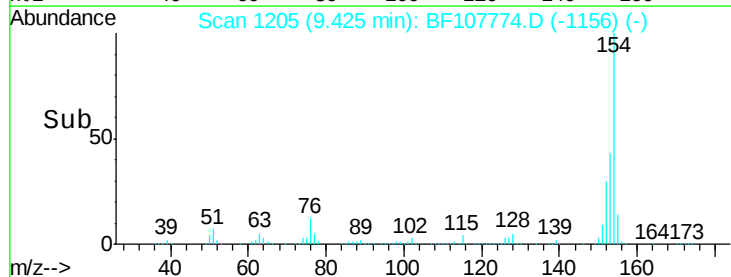
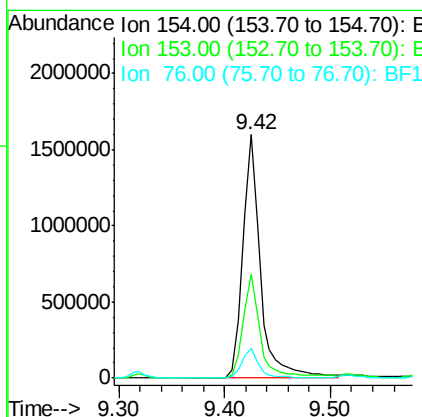
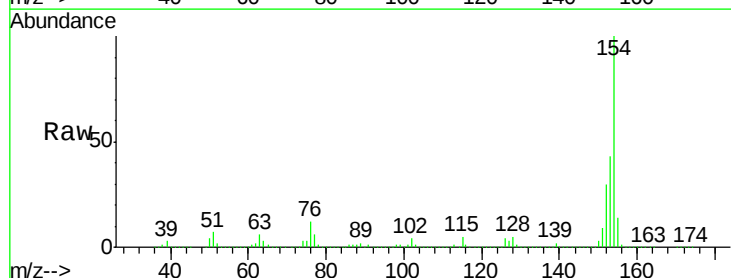
Instrument :
 BNA_F
 ClientSampleId :
 MW-2B

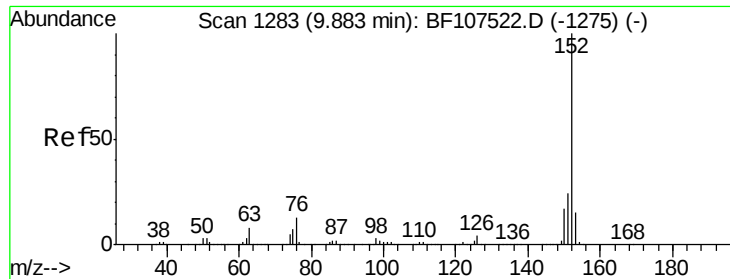
Tgt Ion:172 Resp: 1511059
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.7 44.5
 170 24.7 19.6 29.4



#45
 1,1'-Biphenyl
 Concen: 86.829 ng
 RT: 9.42 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF107774.D
 Acq: 28 Jul 2018 4:42

Tgt Ion:154 Resp: 1835052
 Ion Ratio Lower Upper
 154 100
 153 42.8 21.3 61.3
 76 12.2 0.0 34.0





#48

Acenaphthylene

Concen: 209.841 ng

RT: 9.88 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BF107774.D

Acq: 28 Jul 2018 4:42

Instrument :

BNA_F

ClientSampleId :

MW-2B

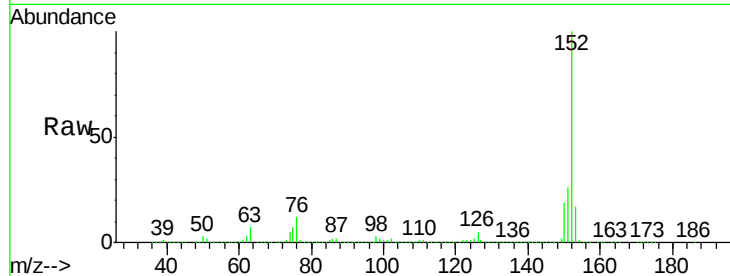
Tgt Ion:152 Resp: 5092204

Ion Ratio Lower Upper

152 100

151 25.7 16.3 24.5#

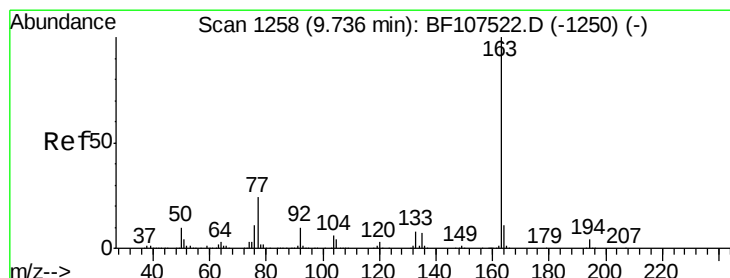
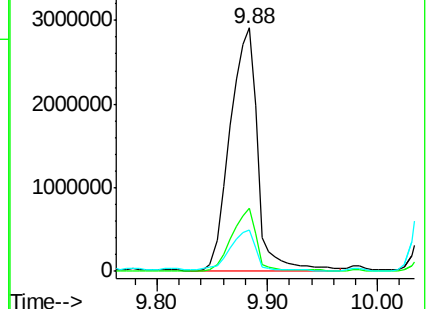
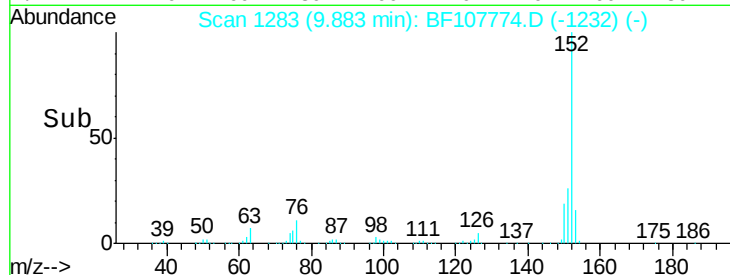
153 17.2 10.7 16.1#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 5.461 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.02 min

Lab File: BF107774.D

Acq: 28 Jul 2018 4:42

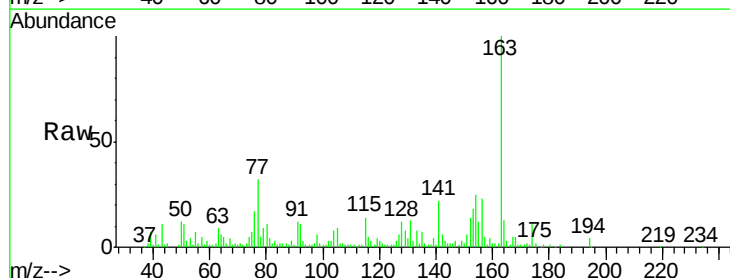
Tgt Ion:163 Resp: 99854

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

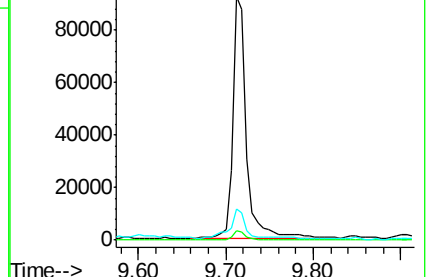
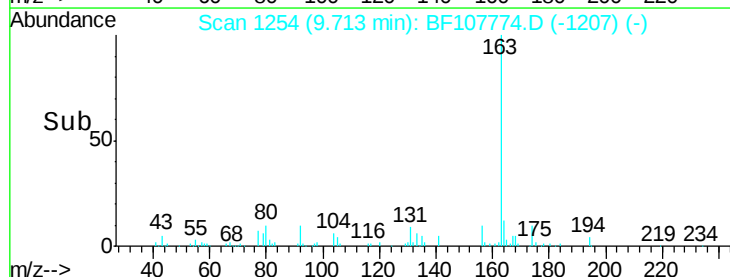
164 12.7 8.2 12.2#

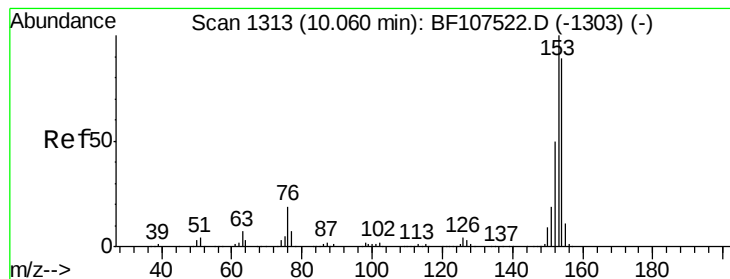


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 60.514 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.02 min

Lab File: BF107774.D

Acq: 28 Jul 2018 4:42

Instrument :

BNA_F

ClientSampleId :

MW-2B

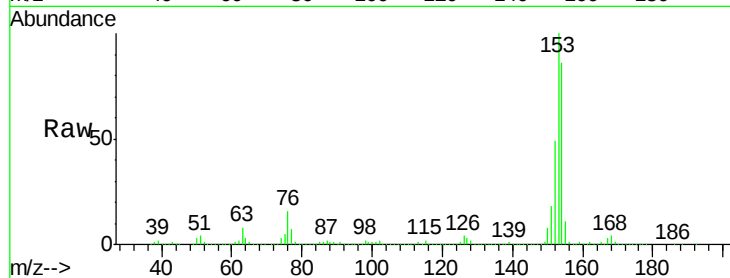
Tgt Ion:154 Resp: 920091

Ion Ratio Lower Upper

154 100

153 115.7 91.2 136.8

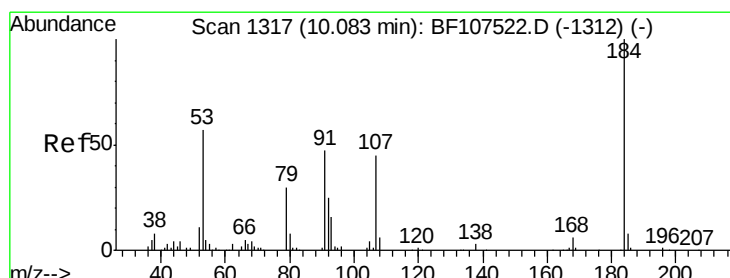
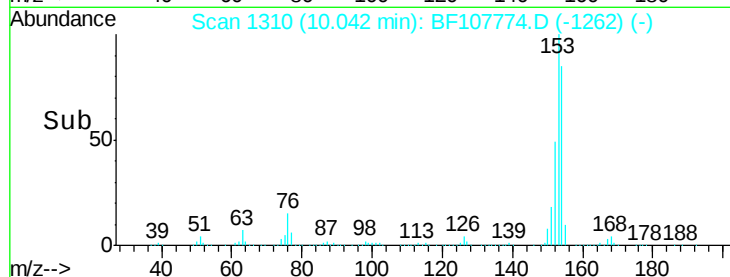
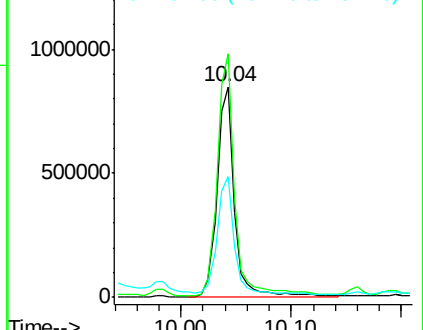
152 57.2 43.8 65.8



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



#53

2,4-Dinitrophenol

Concen: 8.503 ng

RT: 10.09 min Scan# 1318

Delta R.T. 0.01 min

Lab File: BF107774.D

Acq: 28 Jul 2018 4:42

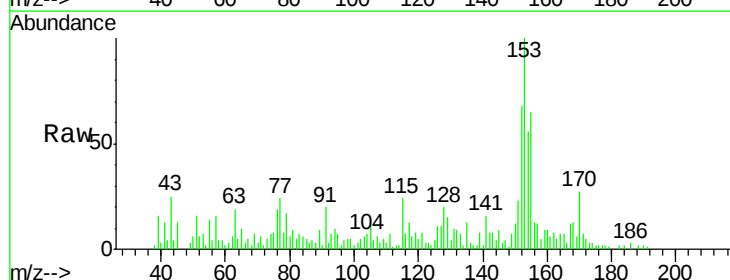
Tgt Ion:184 Resp: 276

Ion Ratio Lower Upper

184 100

63 1209.7 54.2 81.2#

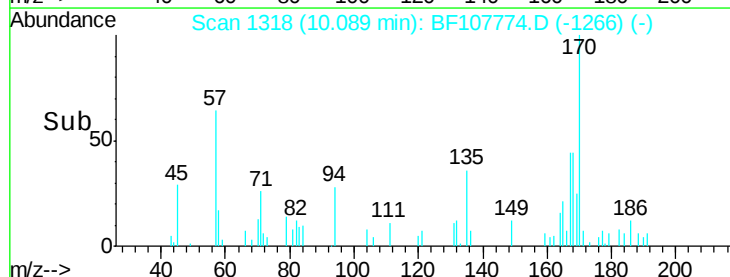
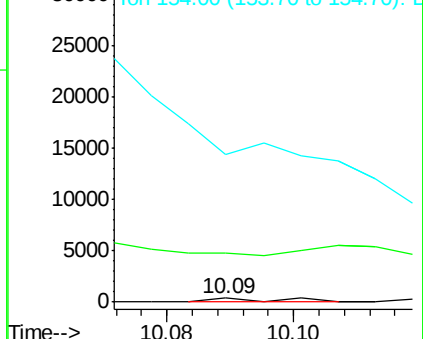
154 3677.6 184.0 276.0#

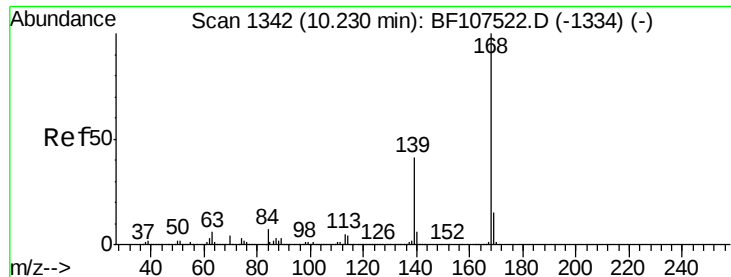


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 4.874 ng

RT: 10.21 min Scan# 1339

Delta R.T. -0.02 min

Lab File: BF107774.D

Acq: 28 Jul 2018 4:42

Instrument :

BNA_F

ClientSampleId :

MW-2B

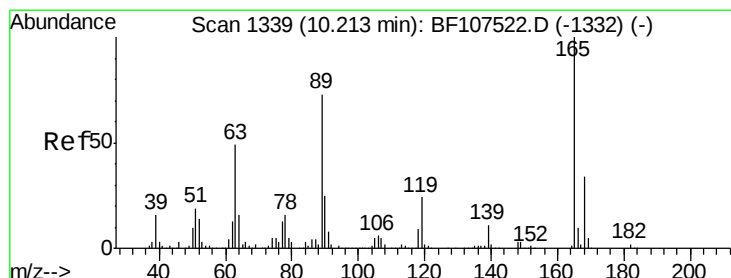
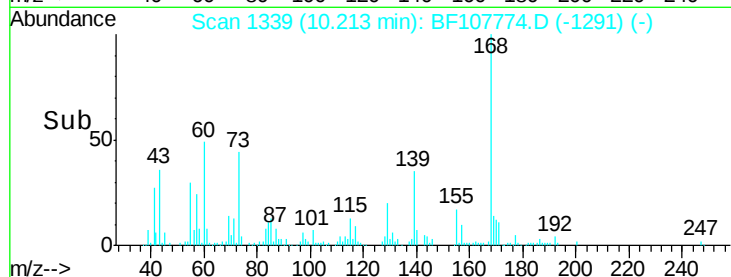
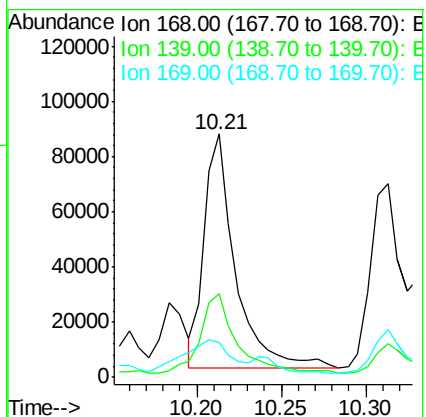
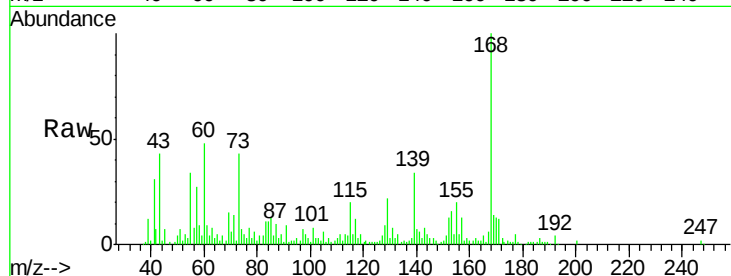
Tgt Ion:168 Resp: 109111

Ion Ratio Lower Upper

168 100

139 34.4 30.1 45.1

169 14.2 10.9 16.3



#56

2,4-Dinitrotoluene

Concen: 4.221 ng

RT: 10.17 min Scan# 1332

Delta R.T. -0.04 min

Lab File: BF107774.D

Acq: 28 Jul 2018 4:42

Tgt Ion:165 Resp: 18498

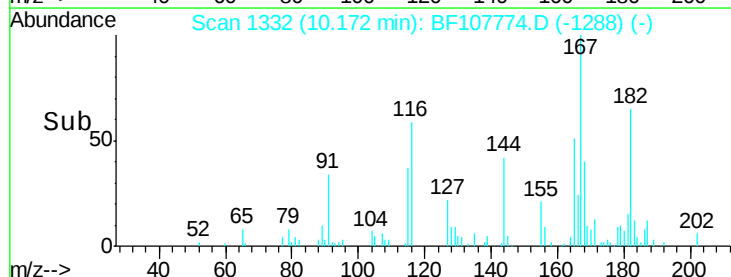
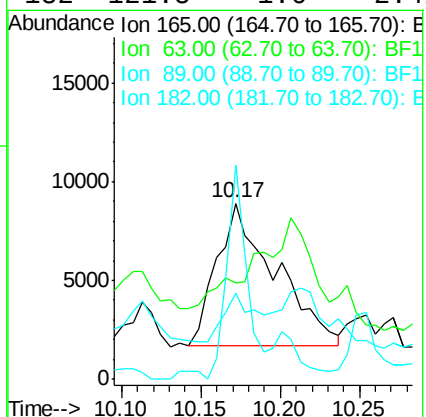
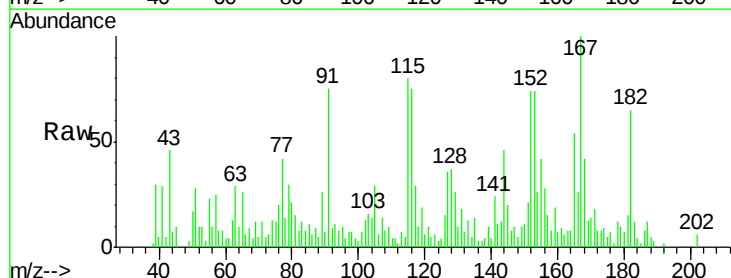
Ion Ratio Lower Upper

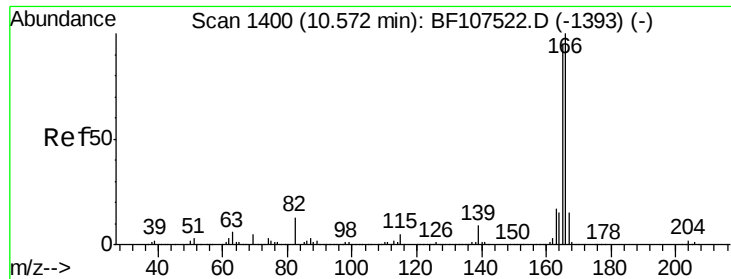
165 100

63 54.9 36.4 54.6#

89 48.6 57.8 86.6#

182 121.5 1.6 2.4#

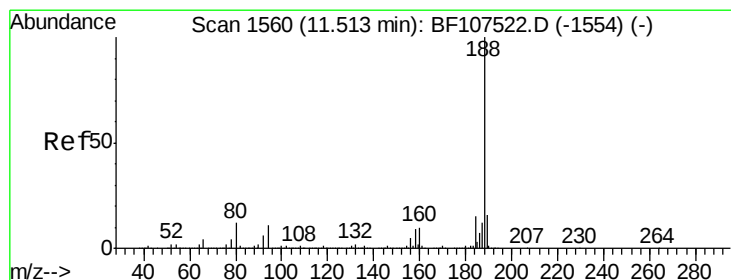
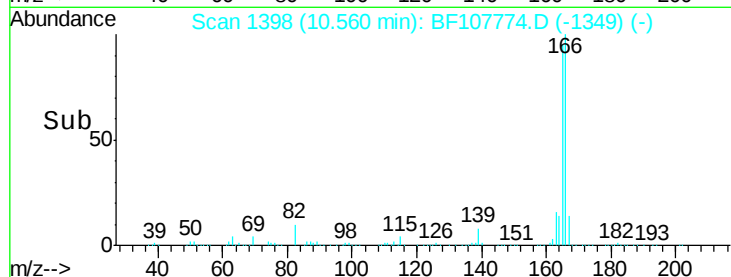
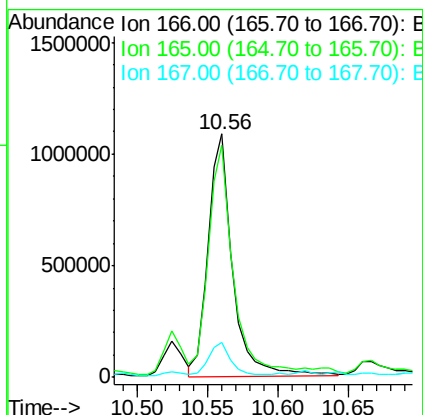
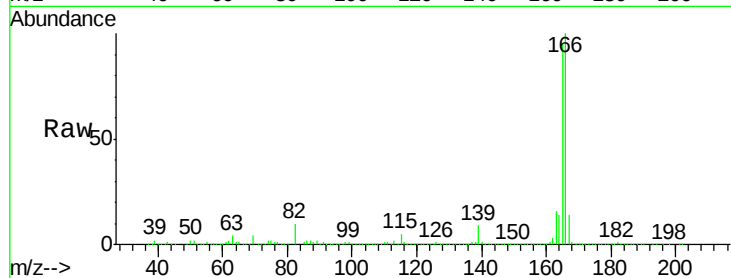




#57
Fluorene
 Concen: 82.248 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF107774.D
 Acq: 28 Jul 2018 4:42

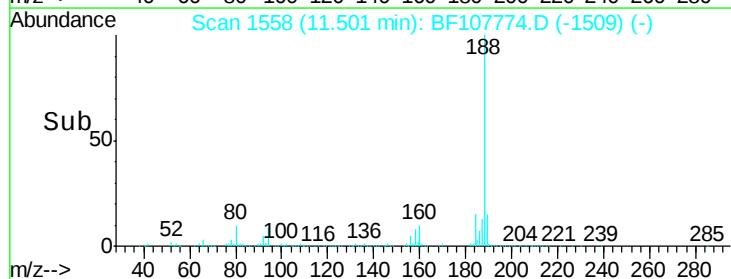
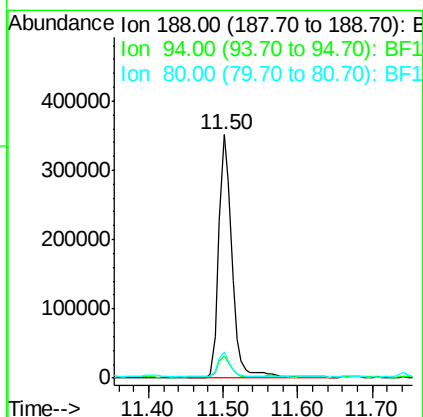
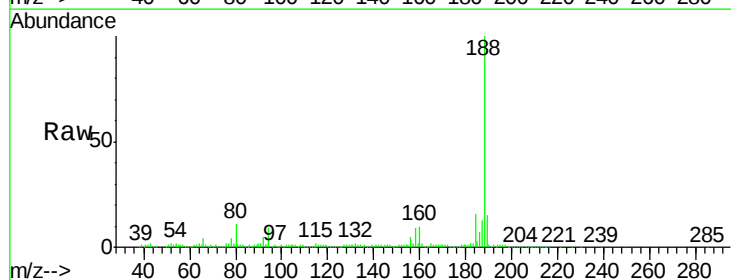
Instrument :
 BNA_F
 ClientSampled :
 MW-2B

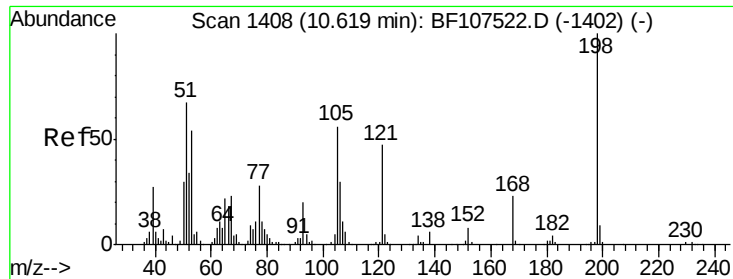
Tgt Ion:166 Resp: 1313443
 Ion Ratio Lower Upper
 166 100
 165 95.5 79.8 119.8
 167 14.2 10.6 16.0



#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF107774.D
 Acq: 28 Jul 2018 4:42

Tgt Ion:188 Resp: 433473
 Ion Ratio Lower Upper
 188 100
 94 9.0 8.5 12.7
 80 10.9 9.2 13.8

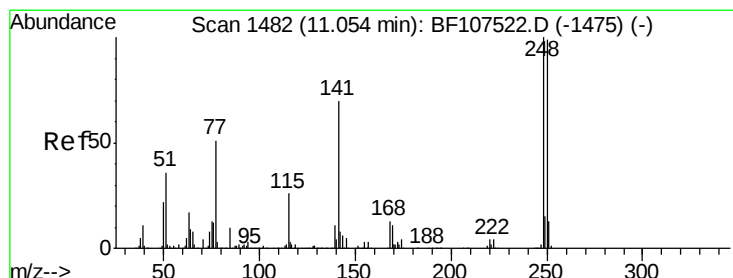
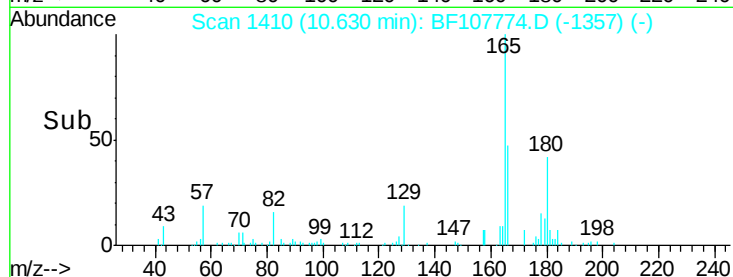
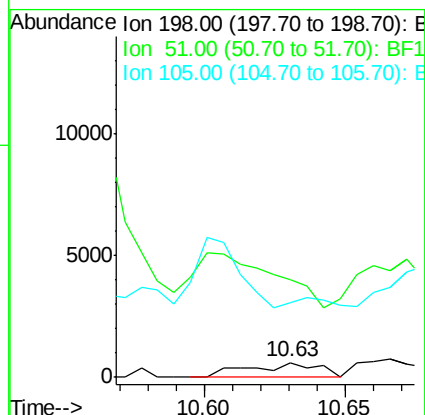
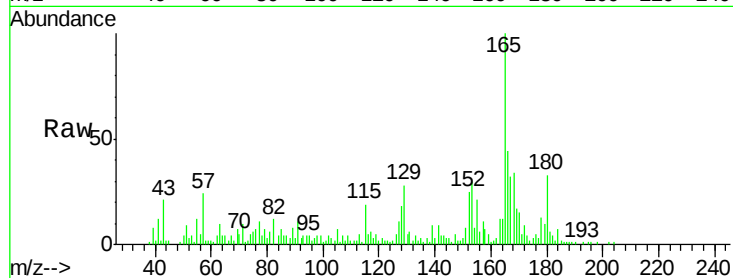




#64
4,6-Dinitro-2-methylphenol
Concen: 9.091 ng
RT: 10.63 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BF107774.D
Acq: 28 Jul 2018 4:42

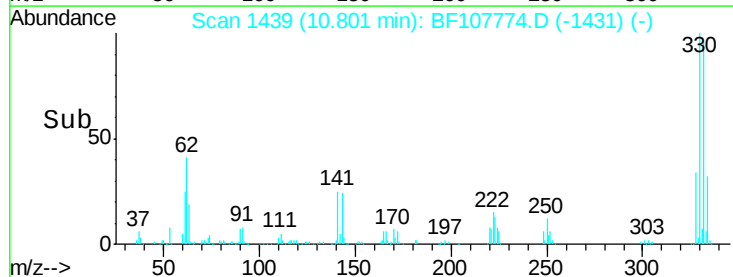
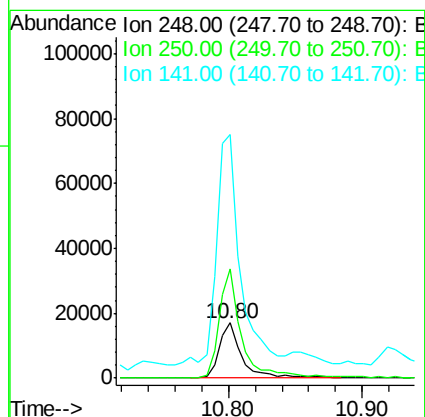
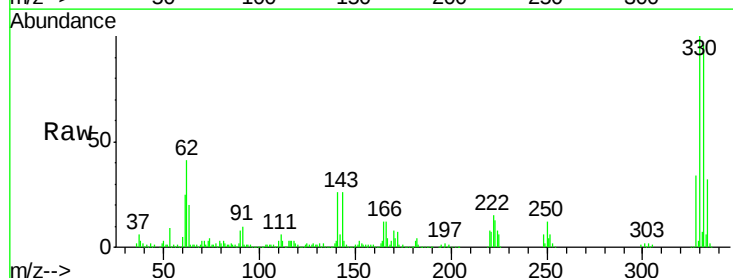
Instrument :
BNA_F
ClientSampleId :
MW-2B

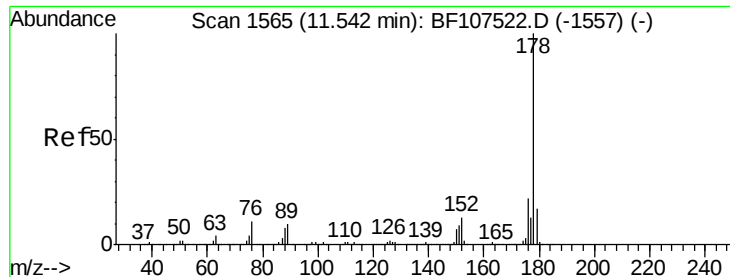
Tgt Ion:198 Resp: 1048
Ion Ratio Lower Upper
198 100
51 659.6 37.7 77.7#
105 502.0 36.3 76.3#



#66
4-Bromophenyl-phenylether
Concen: 3.943 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.25 min
Lab File: BF107774.D
Acq: 28 Jul 2018 4:42

Tgt Ion:248 Resp: 20121
Ion Ratio Lower Upper
248 100
250 199.2 76.9 115.3#
141 442.8 74.4 111.6#

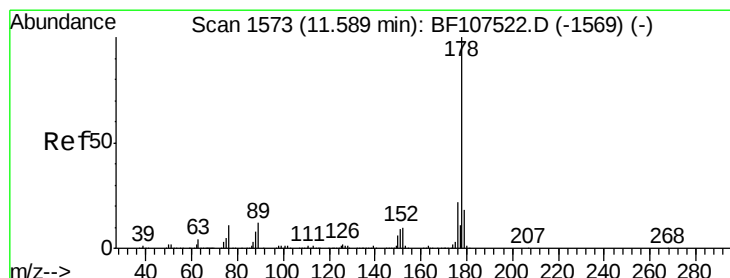
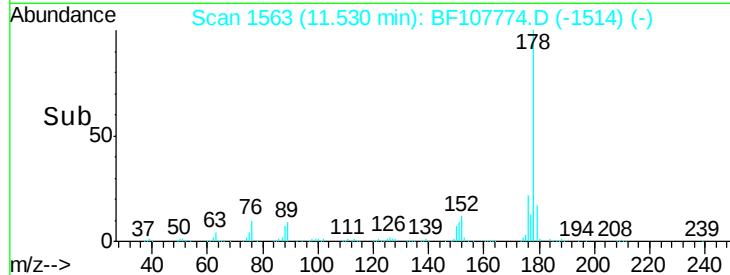
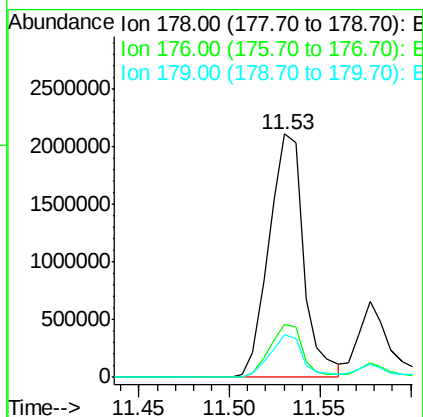
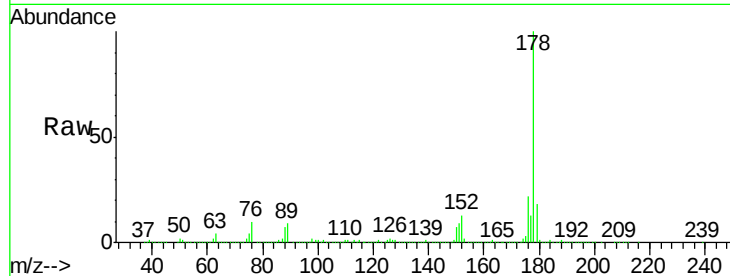




#70
Phenanthrene
Concen: 132.986 ng
RT: 11.53 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF107774.D
Acq: 28 Jul 2018 4:42

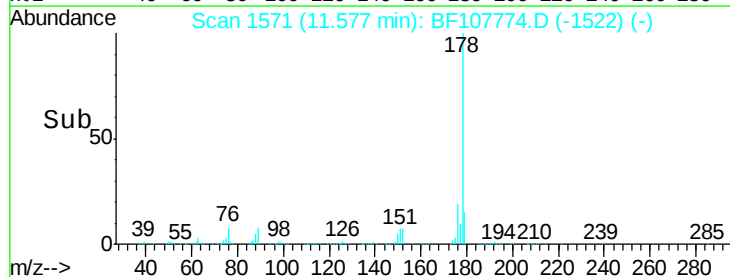
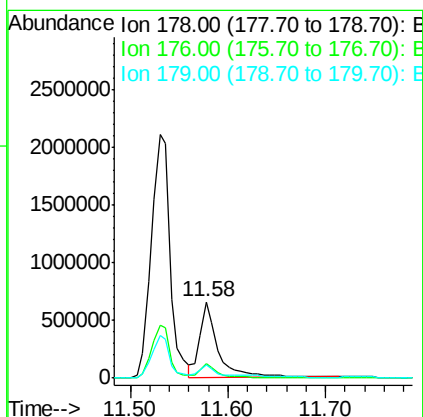
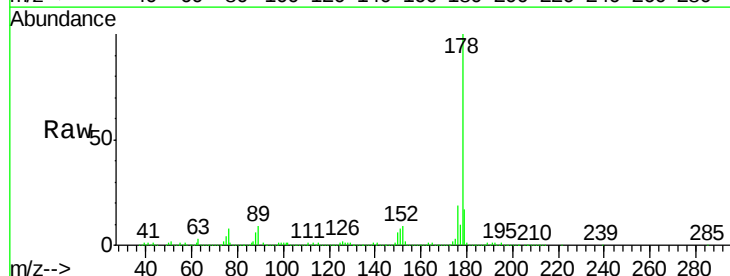
Instrument :
BNA_F
ClientSampleId :
MW-2B

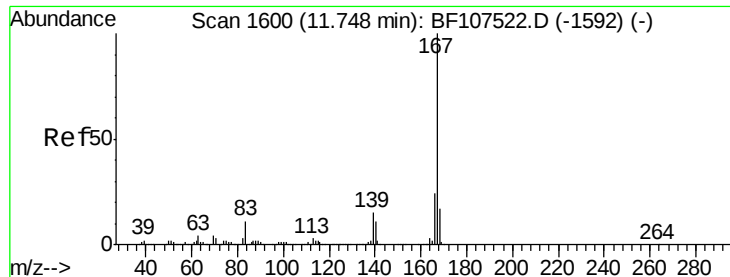
Tgt Ion:178 Resp: 2809096
Ion Ratio Lower Upper
178 100
176 21.6 15.8 23.8
179 17.5 13.0 19.6



#71
Anthracene
Concen: 39.761 ng
RT: 11.58 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF107774.D
Acq: 28 Jul 2018 4:42

Tgt Ion:178 Resp: 845631
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 16.7 12.6 19.0

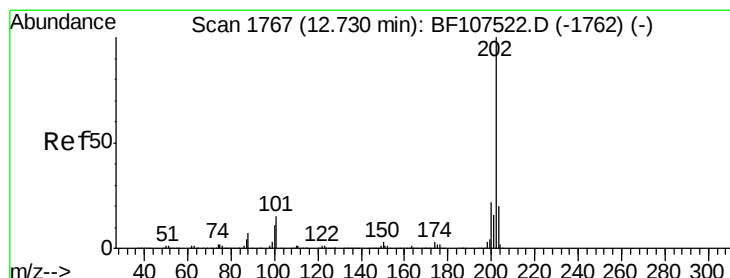
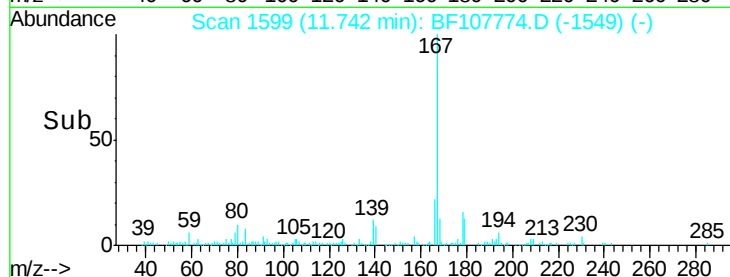
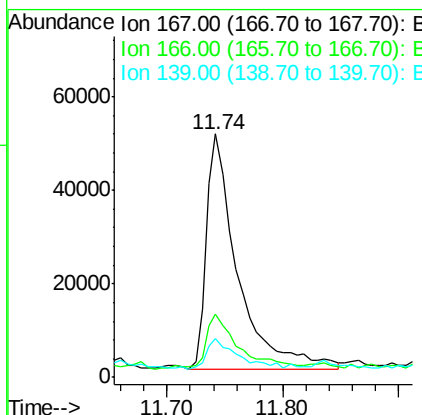
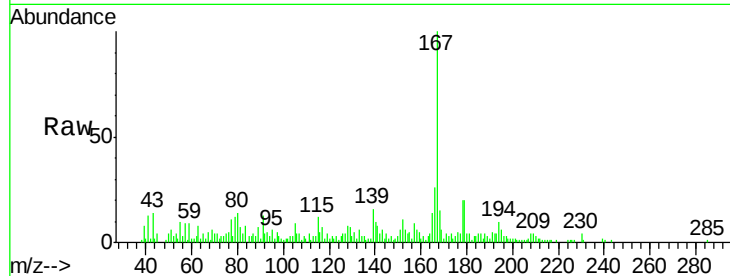




#72
 Carbazole
 Concen: 4.346 ng
 RT: 11.74 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF107774.D
 Acq: 28 Jul 2018 4:42

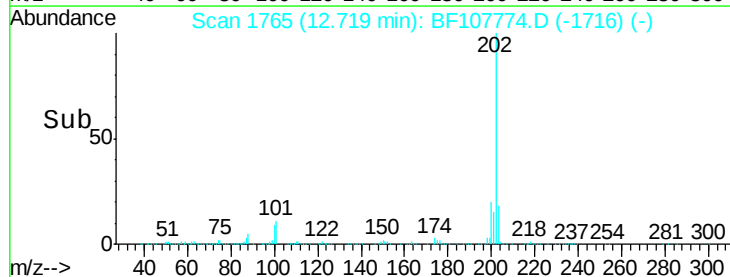
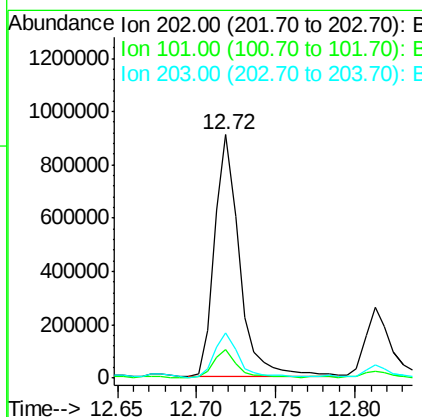
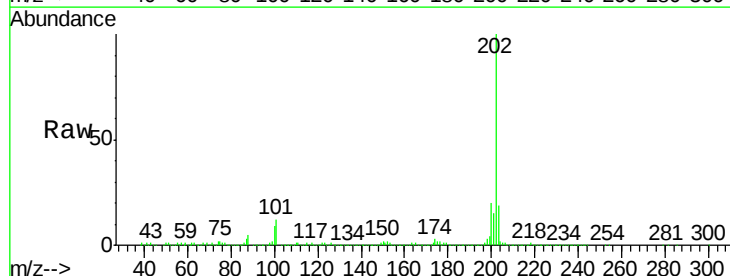
Instrument :
 BNA_F
 ClientSampleId :
 MW-2B

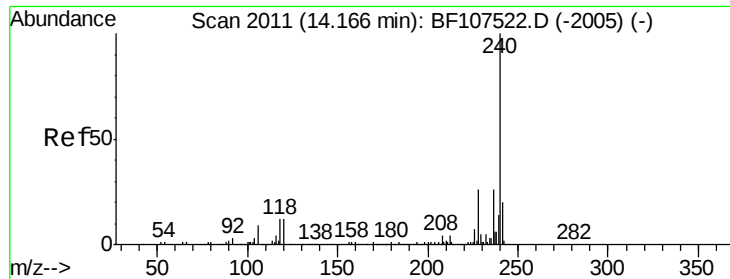
Tgt Ion:167 Resp: 96126
 Ion Ratio Lower Upper
 167 100
 166 25.8 17.6 26.4
 139 15.8 10.9 16.3



#74
 Fluoranthene
 Concen: 44.271 ng
 RT: 12.72 min Scan# 1765
 Delta R.T. -0.01 min
 Lab File: BF107774.D
 Acq: 28 Jul 2018 4:42

Tgt Ion:202 Resp: 1003487
 Ion Ratio Lower Upper
 202 100
 101 11.5 0.0 34.1
 203 18.6 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF107774.D

Acq: 28 Jul 2018 4:42

Instrument :

BNA_F

ClientSampleId :

MW-2B

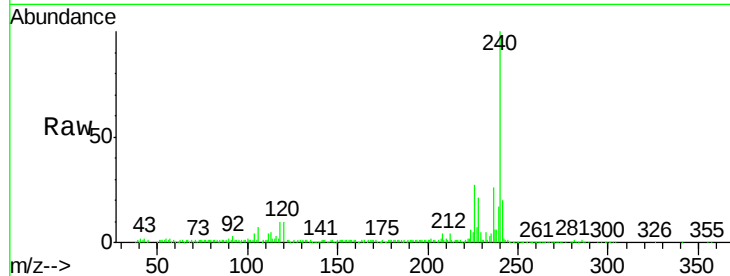
Tgt Ion:240 Resp: 435199

Ion Ratio Lower Upper

240 100

120 9.9 9.5 14.3

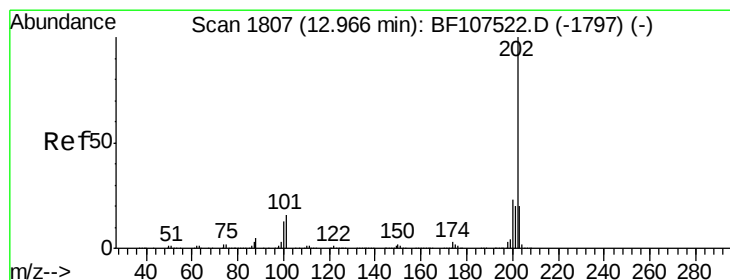
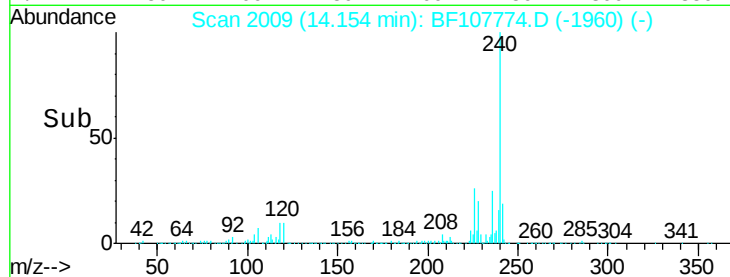
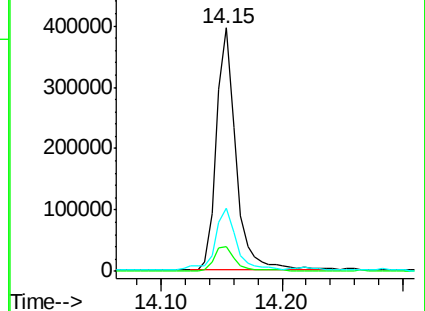
236 25.9 20.7 31.1



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



#77

Pyrene

Concen: 44.996 ng

RT: 12.95 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF107774.D

Acq: 28 Jul 2018 4:42

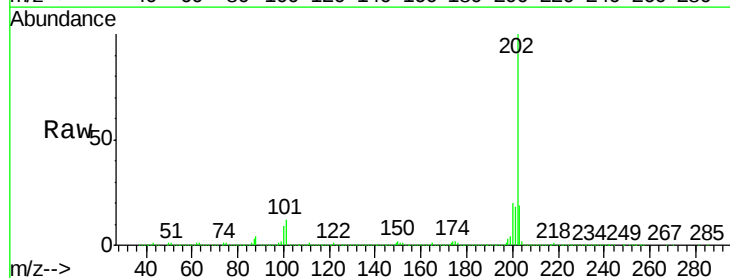
Tgt Ion:202 Resp: 1339437

Ion Ratio Lower Upper

202 100

200 20.2 17.4 26.2

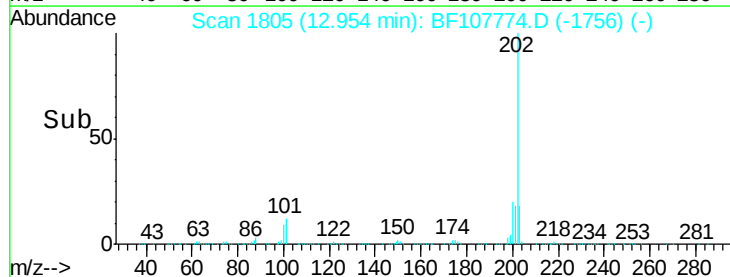
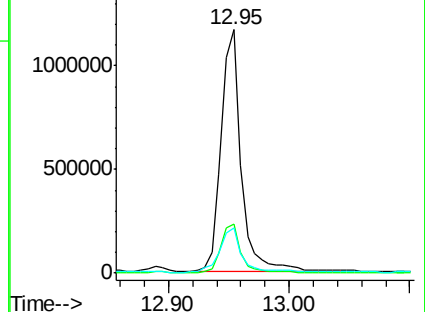
203 18.7 14.3 21.5

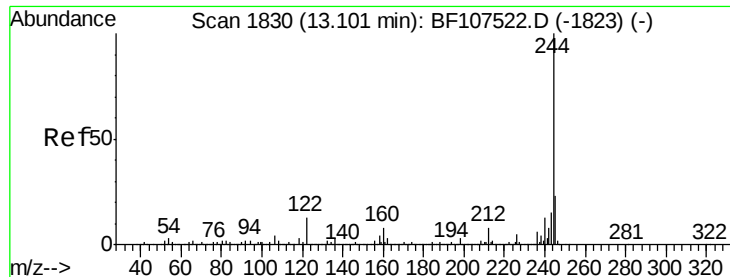


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

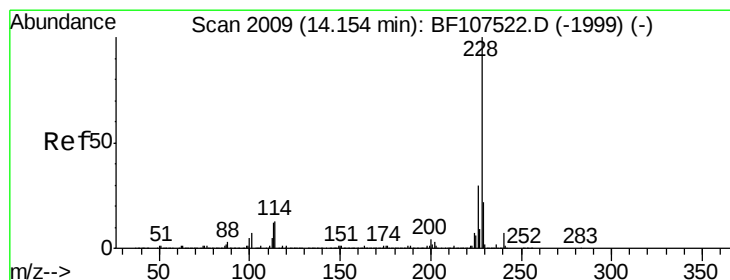
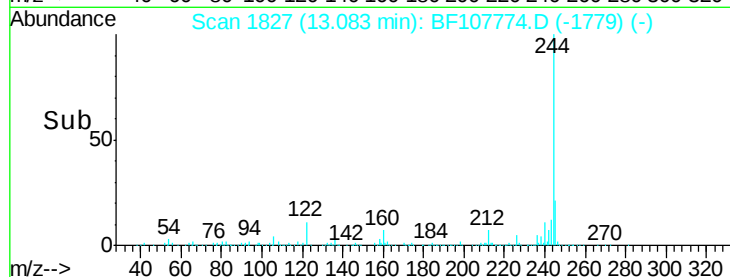
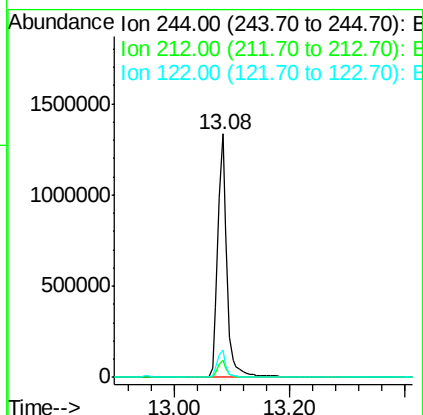
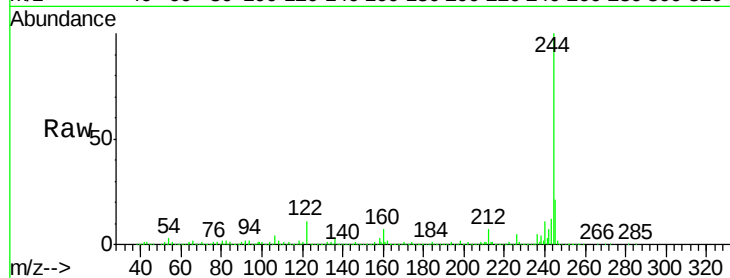




#78
 Terphenyl-d14
 Concen: 86.413 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. -0.02 min
 Lab File: BF107774.D
 Acq: 28 Jul 2018 4:42

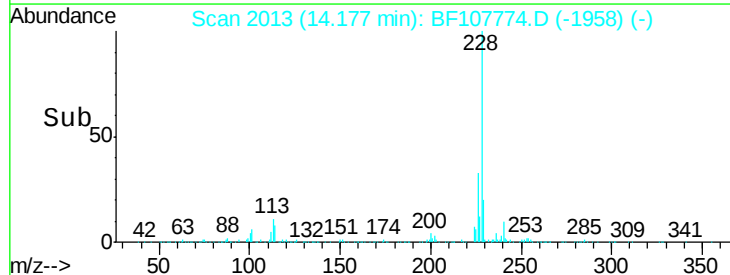
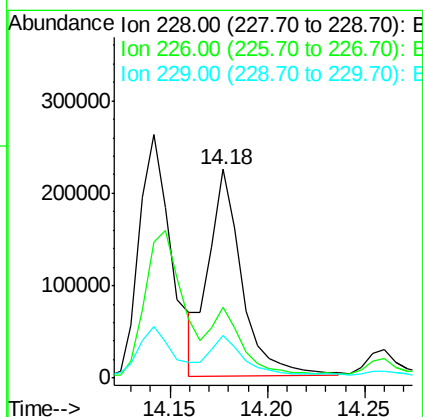
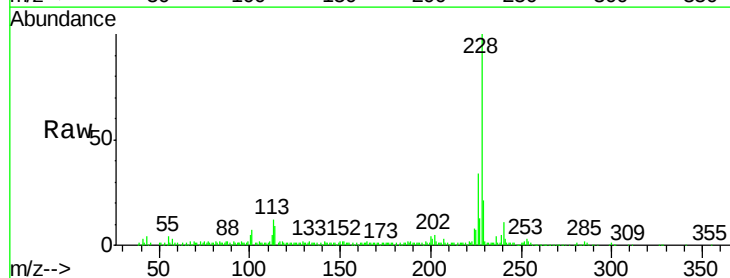
Instrument :
 BNA_F
 ClientSampleId :
 MW-2B

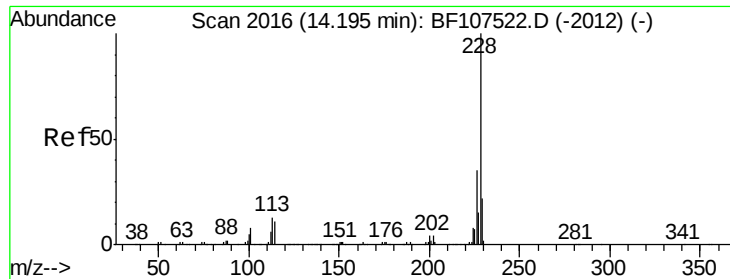
Tgt Ion:244 Resp: 1468966
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 11.1 11.0 16.4



#80
 Benzo(a)anthracene
 Concen: 10.451 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. 0.02 min
 Lab File: BF107774.D
 Acq: 28 Jul 2018 4:42

Tgt Ion:228 Resp: 266529
 Ion Ratio Lower Upper
 228 100
 226 33.8 22.6 33.8
 229 20.5 15.8 23.6





#82

Chrysene

Concen: 10.879 ng

RT: 14.18 min Scan# 2013

Delta R.T. -0.02 min

Lab File: BF107774.D

Acq: 28 Jul 2018 4:42

Instrument :

BNA_F

ClientSampleId :

MW-2B

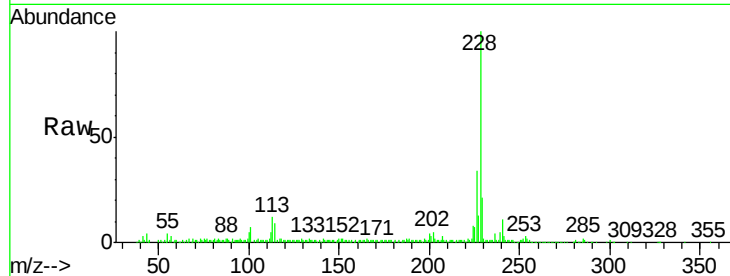
Tgt Ion:228 Resp: 266529

Ion Ratio Lower Upper

228 100

226 33.8 25.0 37.6

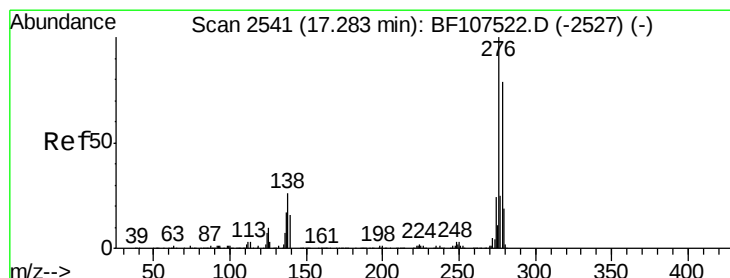
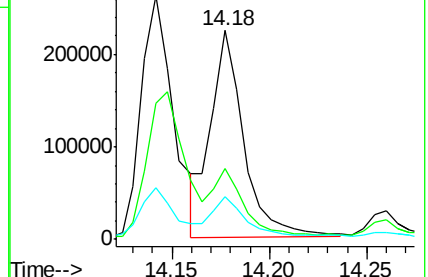
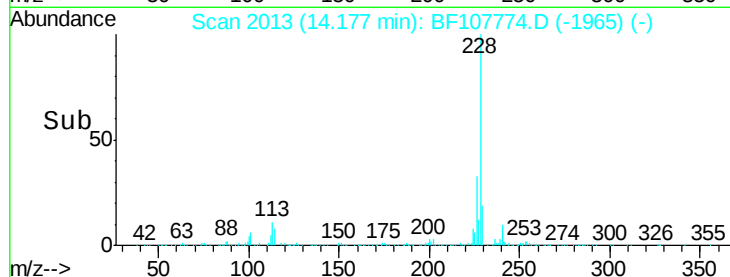
229 20.5 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 3.832 ng

RT: 17.26 min Scan# 2537

Delta R.T. -0.02 min

Lab File: BF107774.D

Acq: 28 Jul 2018 4:42

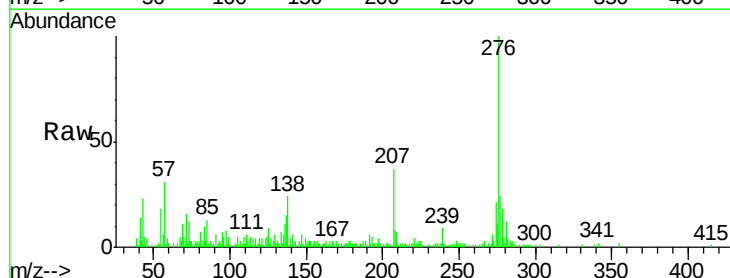
Tgt Ion:276 Resp: 79571

Ion Ratio Lower Upper

276 100

138 18.3 25.0 37.6#

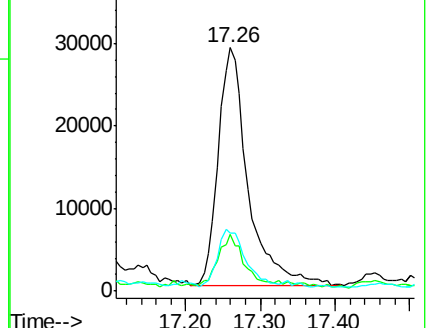
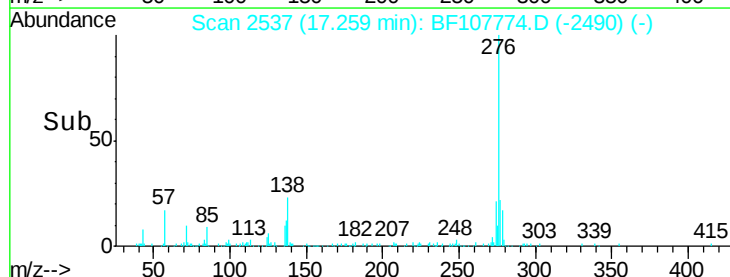
277 22.7 20.1 30.1

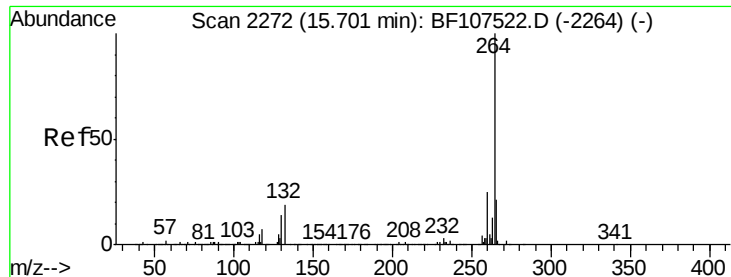


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2269

Delta R.T. -0.02 min

Lab File: BF107774.D

Acq: 28 Jul 2018 4:42

Instrument :

BNA_F

ClientSampleId :

MW-2B

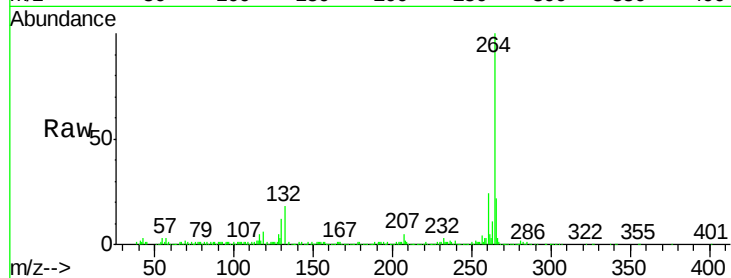
Tgt Ion:264 Resp: 374146

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

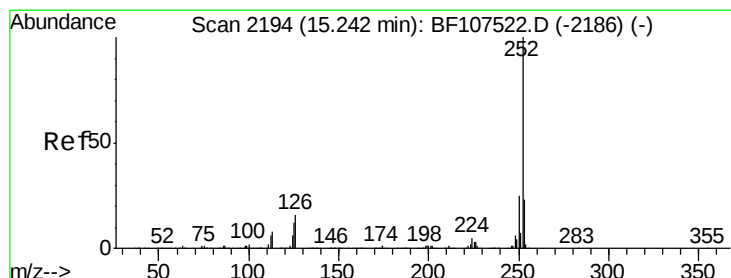
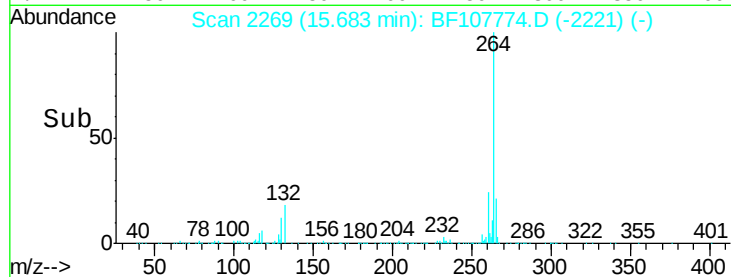
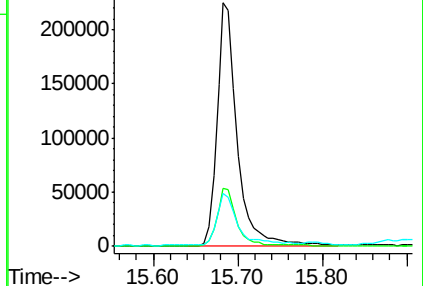
265 21.7 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 13.323 ng

RT: 15.23 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BF107774.D

Acq: 28 Jul 2018 4:42

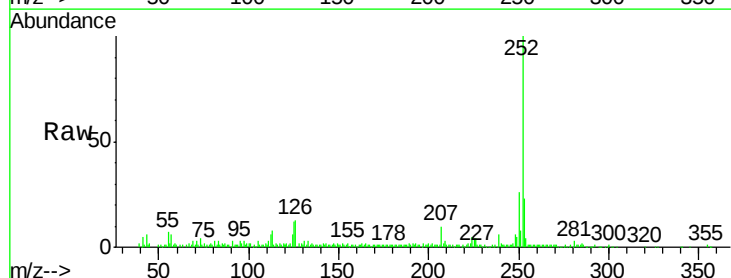
Tgt Ion:252 Resp: 272801

Ion Ratio Lower Upper

252 100

253 23.3 17.0 25.6

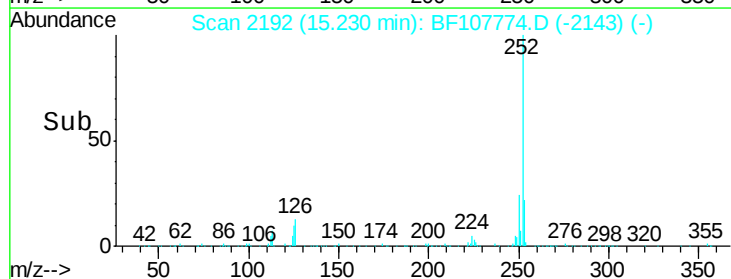
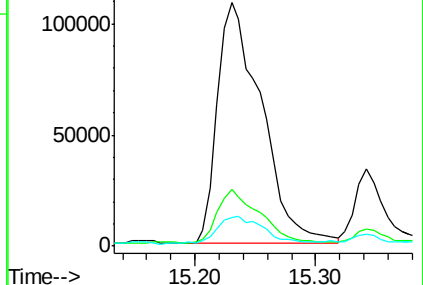
125 11.8 9.0 13.6

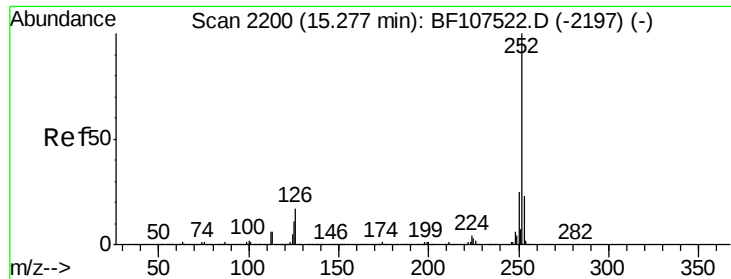


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 13.598 ng

RT: 15.23 min Scan# 2192

Delta R.T. -0.05 min

Lab File: BF107774.D

Acq: 28 Jul 2018 4:42

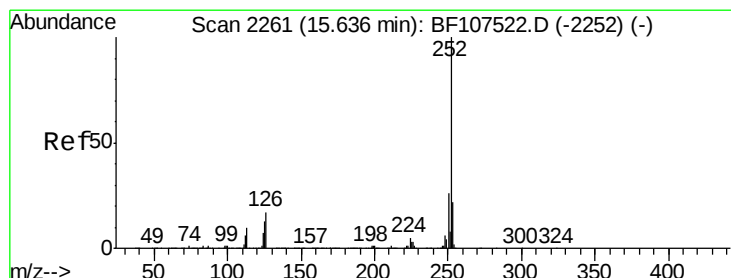
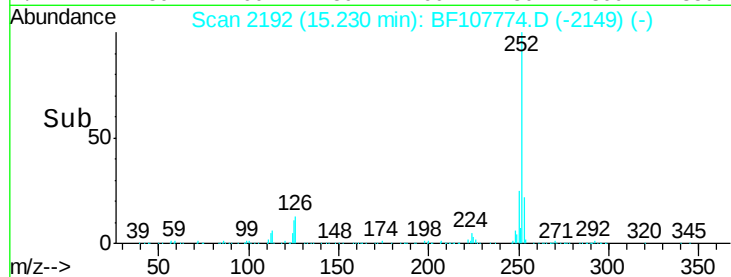
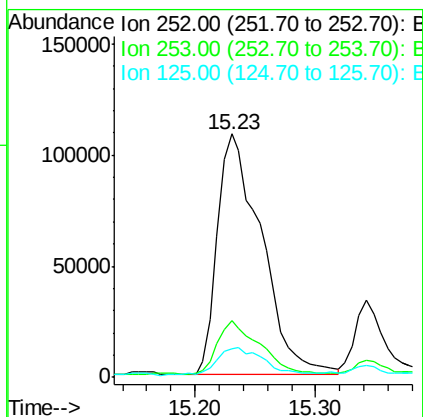
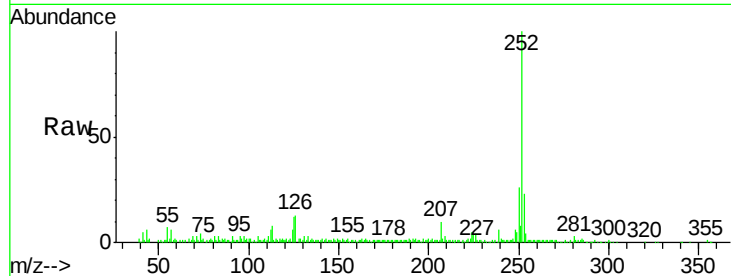
Instrument :

BNA_F

ClientSampleId :

MW-2B

Tgt Ion:	252	Resp:	272801
Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	11.8	10.2	15.2



#89

Benzo(a)pyrene

Concen: 11.761 ng

RT: 15.62 min Scan# 2258

Delta R.T. -0.02 min

Lab File: BF107774.D

Acq: 28 Jul 2018 4:42

Tgt Ion:	252	Resp:	220288
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	11.8	9.8	14.6

