

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070720\
 Data File : BF120786.D
 Acq On : 7 Jul 2020 14:40
 Operator : JU/CG
 Sample : L3215-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-14

Quant Time: Jul 07 15:48:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 18:51:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	158761	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	340001	20.00	ng	0.01
39) Acenaphthene-d10	9.89	164	317134	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	577498	20.00	ng	0.00
76) Chrysene-d12	14.00	240	454068	20.00	ng	0.00
86) Perylene-d12	15.47	264	387082	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	583138	56.70	ng	0.00
7) Phenol-d6	6.46	99	428828	32.65	ng	-0.01
23) Nitrobenzene-d5	7.42	82	824460	140.49	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	457609	143.63	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1696525	80.94	ng	0.00
79) Terphenyl-d14	12.96	244	2001614	86.31	ng	0.00

Target Compounds

						Qvalue
9) Benzaldehyde	6.41	77	108273	13.861	ng	# 1
15) Benzyl Alcohol	7.01	79	23968	2.429	ng	# 44
18) Hexachloroethane	7.39	117	302343	66.637	ng	# 1
19) n-Nitroso-di-n-propylamine	7.42	70	111546	14.105	ng	# 82
22) Acetophenone	7.25	105	312892	37.024	ng	# 59
24) Nitrobenzene	7.43	77	109132	16.563	ng	# 1
25) Isophorone	7.42	82	774194	61.174	ng	# 64
26) 2-Nitrophenol	7.76	139	231	4.045	ng	# 1
27) 2,4-Dimethylphenol	7.83	122	11082	2.194	ng	# 14
28) bis(2-Chloroethoxy)methane	7.89	93	23319	3.113	ng	# 56
31) Naphthalene	8.20	128	10385793	571.574	ng	# 95
32) Benzoic acid	7.90	122	2890	4.962	ng	# 1
33) 4-Chloroaniline	8.20	127	1589922	206.202	ng	# 39
35) Caprolactam	8.57	113	4309	2.932	ng	# 8
37) 2-Methylnaphthalene	8.86	142	2901224	245.616	ng	# 96
38) 1-Methylnaphthalene	8.97	142	3469572	313.582	ng	# 97
46) 1,1'-Biphenyl	9.31	154	743315	29.057	ng	# 99
48) 2-Nitroaniline	9.40	65	18362	5.449	ng	# 26
49) Acenaphthylene	9.75	152	100862	3.139	ng	# 37
50) Dimethylphthalate	9.60	163	172333	7.449	ng	# 99
51) 2,6-Dinitrotoluene	9.58	165	16842	5.767	ng	# 73
52) Acenaphthene	9.93	154	1571912	78.861	ng	# 98
53) 3-Nitroaniline	9.87	138	1379	2.397	ng	# 80
54) 2,4-Dinitrophenol	9.95	184	235	9.646	ng	# 1
56) 4-Nitrophenol	9.99	139	13080	5.094	ng	# 44
57) 2,4-Dinitrotoluene	10.19	165	16306	5.739	ng	# 64
58) Fluorene	10.43	166	774991	36.238	ng	# 99
65) 4,6-Dinitro-2-methylphenol	10.39	198	126	7.052	ng	# 1
67) 4-Bromophenyl-phenylether	10.67	248	26659	3.980	ng	# 1
71) Phenanthrene	11.40	178	1582654	50.509	ng	# 98
72) Anthracene	11.45	178	373986	11.811	ng	# 99
75) Fluoranthene	12.58	202	135612	4.063	ng	# 98
77) Benzidine	12.96	184	29748	2.321	ng	# 95
78) Pyrene	12.80	202	282495	7.790	ng	# 97

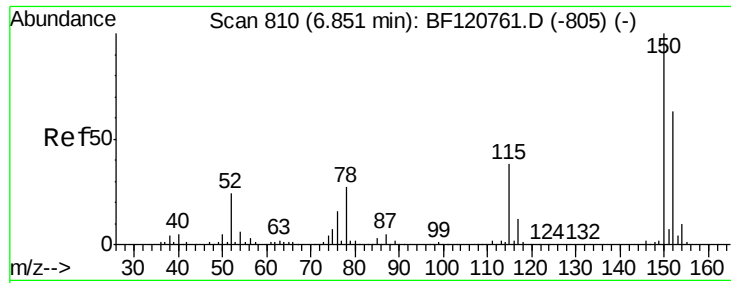
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070720\
Data File : BF120786.D
Acq On : 7 Jul 2020 14:40
Operator : JU/CG
Sample : L3215-11
Misc :
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Quant Time: Jul 07 15:48:07 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 18:51:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

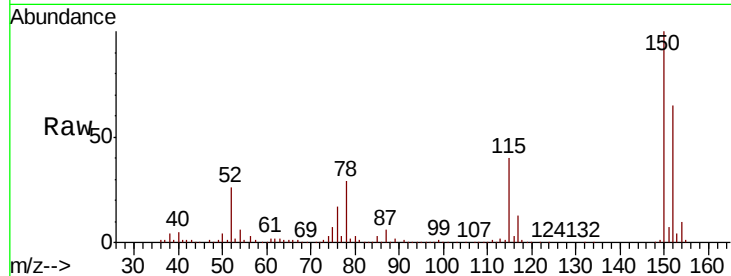


#1

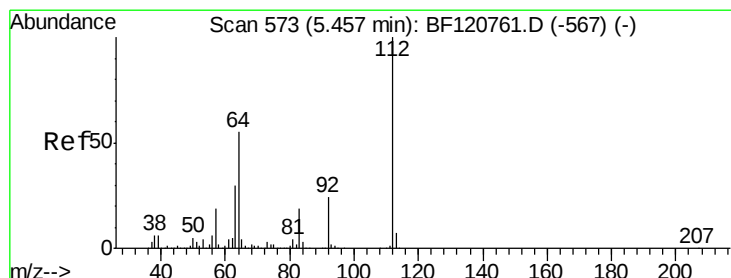
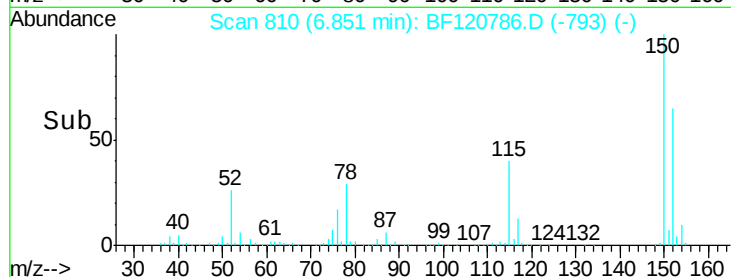
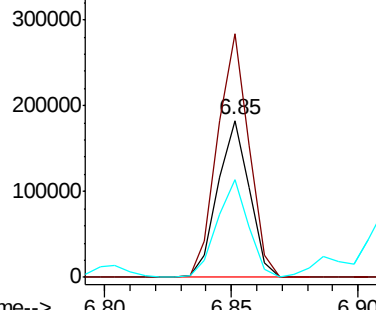
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF120786.D
Acq: 7 Jul 2020 14:40

Instrument :
BNA_F
ClientSampleId :
MW-14

Tot Ion:152 Resp: 158761
Ion Ratio Lower Upper
152 100
150 154.9 126.1 189.1
115 61.8 48.5 72.7



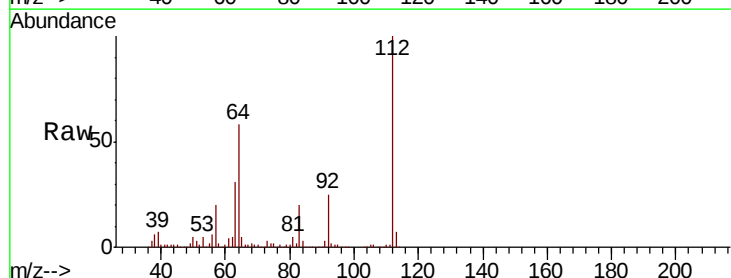
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



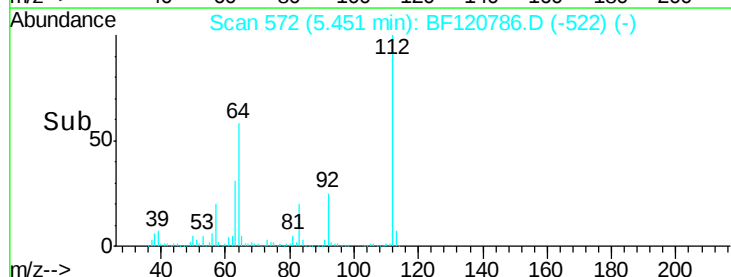
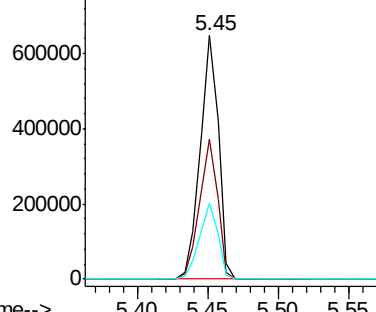
#5

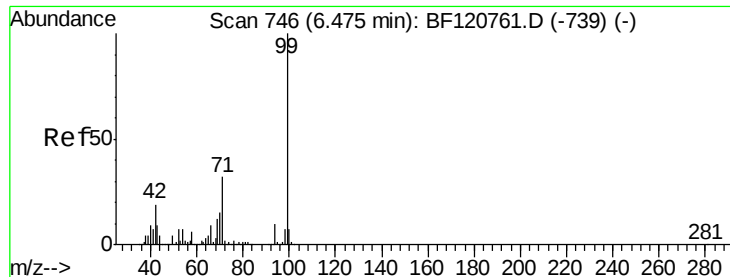
2-Fluorophenol
Concen: 56.699 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF120786.D
Acq: 7 Jul 2020 14:40

Tgt Ion:112 Resp: 583138
Ion Ratio Lower Upper
112 100
64 57.7 43.8 65.6
63 31.0 23.6 35.4



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





#7

Phenol-d6

Concen: 32.650 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF120786.D

Acq: 7 Jul 2020 14:40

Instrument :

BNA_F

ClientSampled :

MW-14

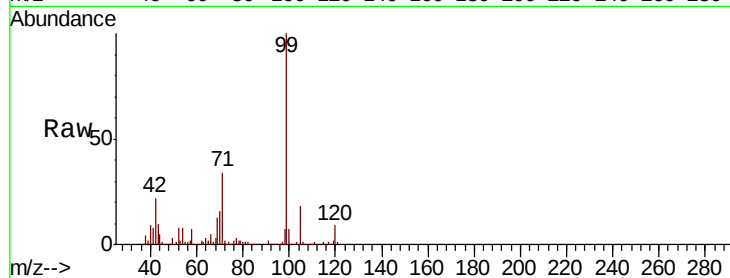
Tot Ion: 99 Resp: 428828

Ion Ratio Lower Upper

99 100

42 21.8 15.4 23.0

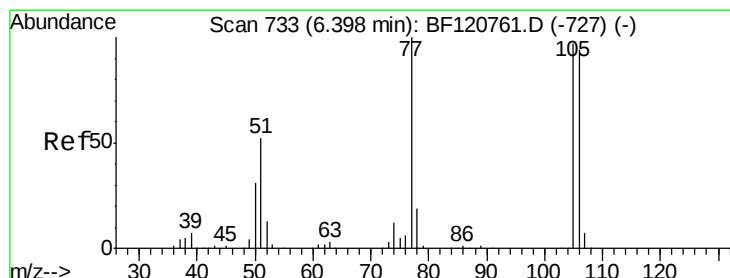
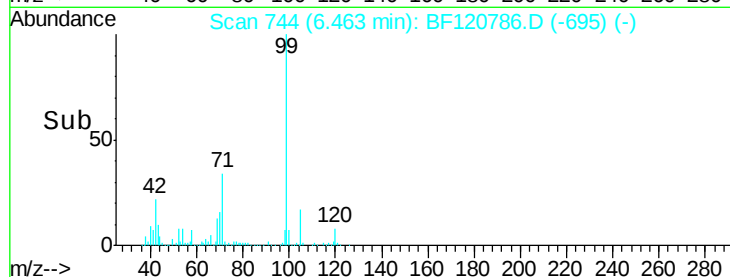
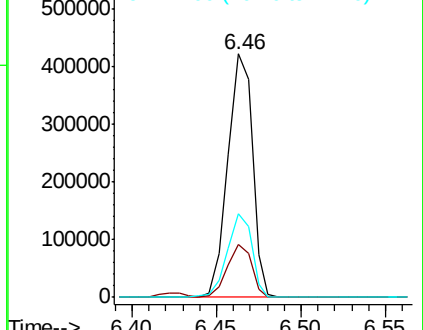
71 34.5 25.9 38.9



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: 13.861 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF120786.D

Acq: 7 Jul 2020 14:40

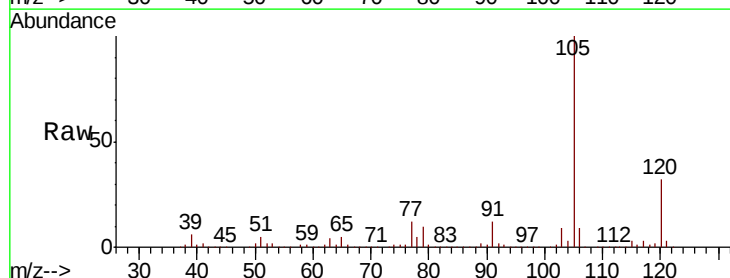
Tgt Ion: 77 Resp: 108273

Ion Ratio Lower Upper

77 100

105 819.6 76.8 116.8#

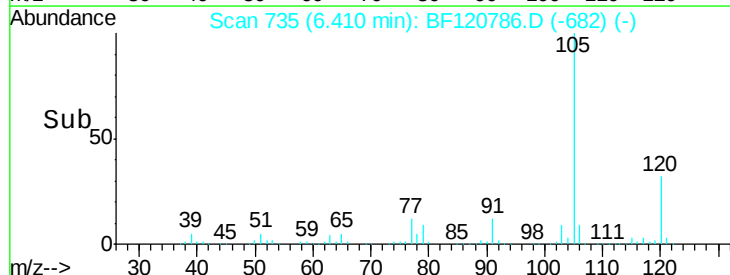
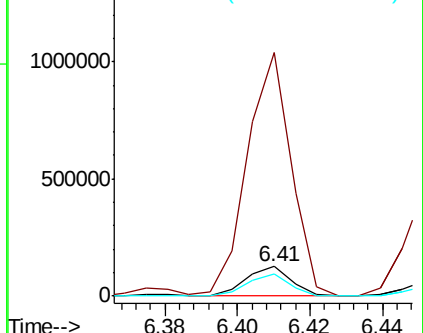
106 74.4 73.8 113.8

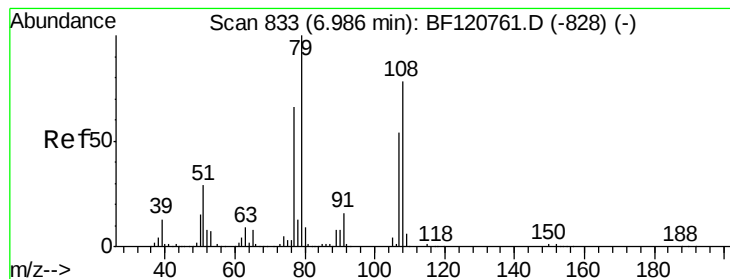


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.429 ng

RT: 7.01 min Scan# 837

Delta R.T. 0.02 min

Lab File: BF120786.D

Acq: 7 Jul 2020 14:40

Instrument :

BNA_F

ClientSampled :

MW-14

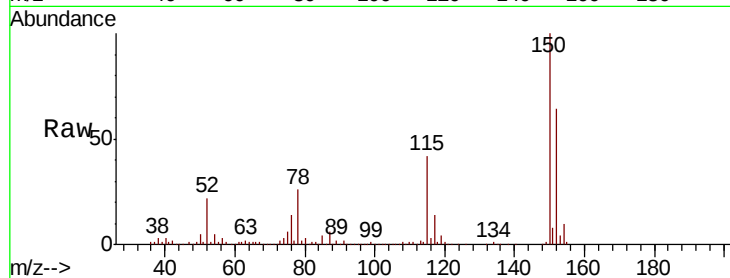
Tot Ion: 79 Resp: 23968

Ion Ratio Lower Upper

79 100

108 30.8 62.4 93.6#

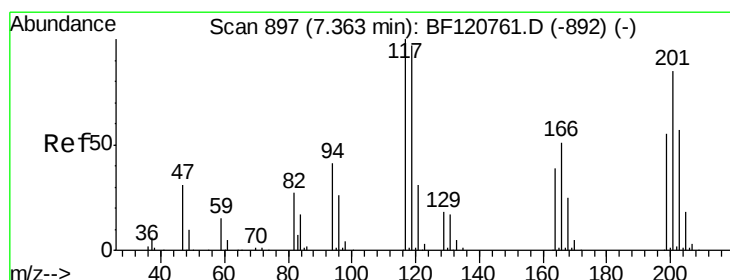
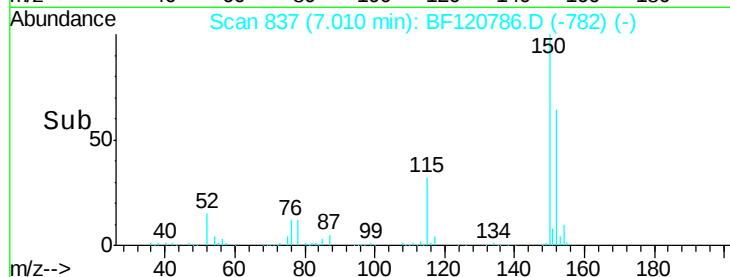
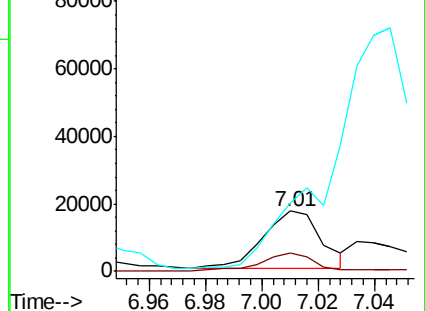
77 112.7 52.7 79.1#



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: 66.637 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.03 min

Lab File: BF120786.D

Acq: 7 Jul 2020 14:40

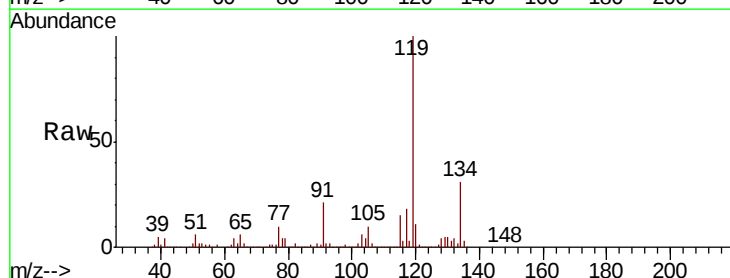
Tgt Ion: 117 Resp: 302343

Ion Ratio Lower Upper

117 100

119 542.6 77.9 116.9#

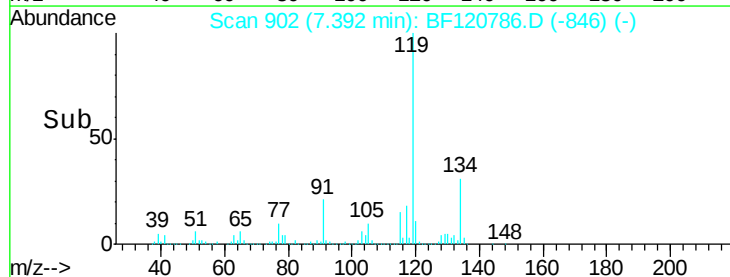
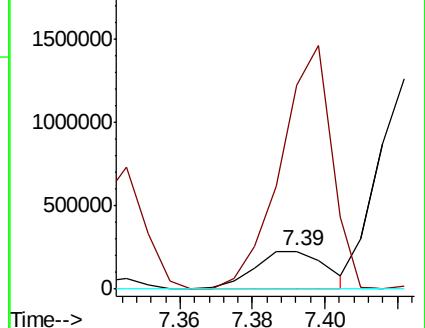
201 0.0 68.3 102.5#

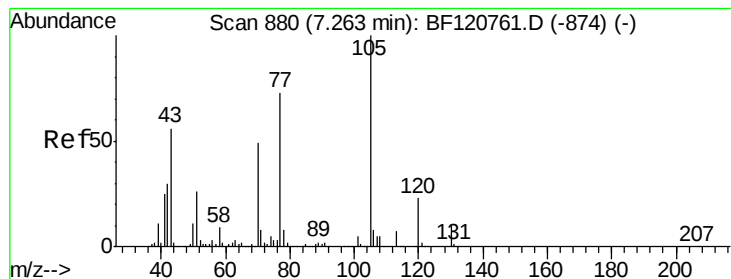


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 14.105 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.16 min

Lab File: BF120786.D

Acq: 7 Jul 2020 14:40

Instrument :

BNA_F

ClientSampleId :

MW-14

Tot Ion: 70 Resp: 111546

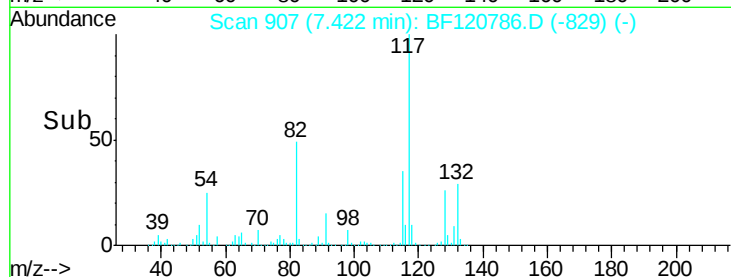
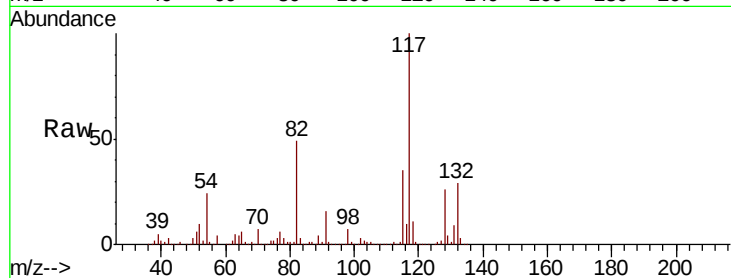
Ion Ratio Lower Upper

70 100

42 47.3 50.3 75.5#

101 6.2 7.5 11.3#

130 13.3 16.1 24.1#

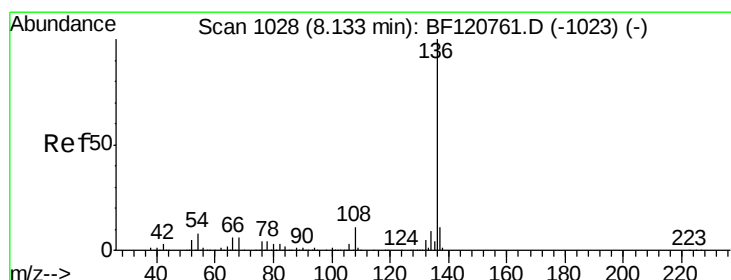
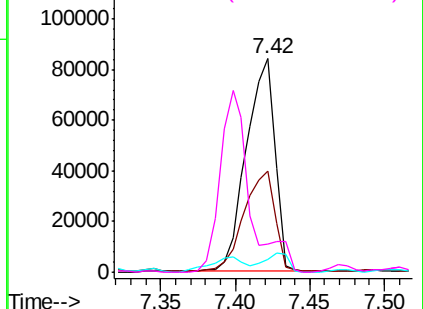


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. 0.01 min

Lab File: BF120786.D

Acq: 7 Jul 2020 14:40

Tgt Ion:136 Resp: 340001

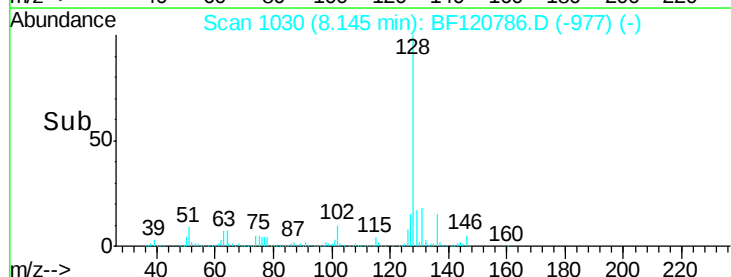
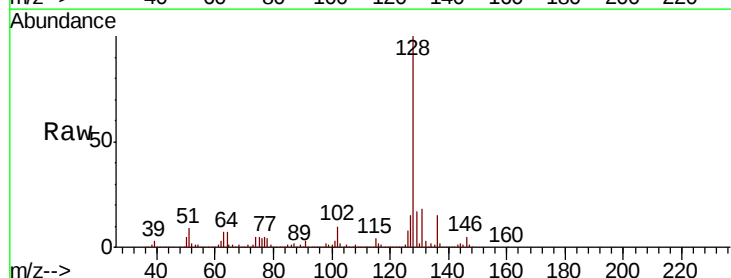
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.6

54 8.0 6.2 9.4

68 6.2 4.7 7.1

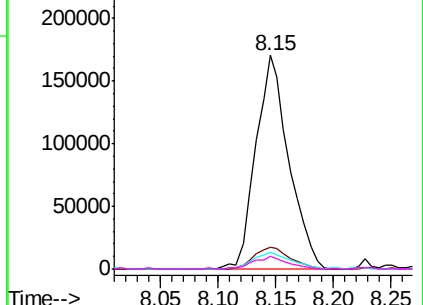


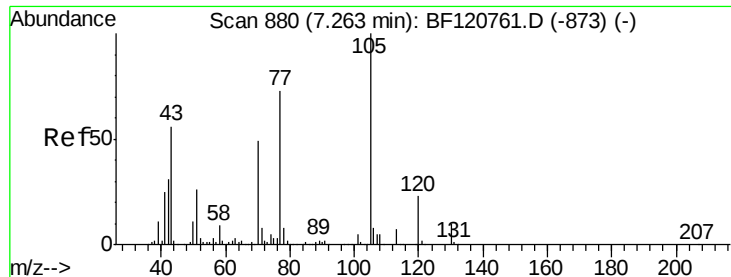
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

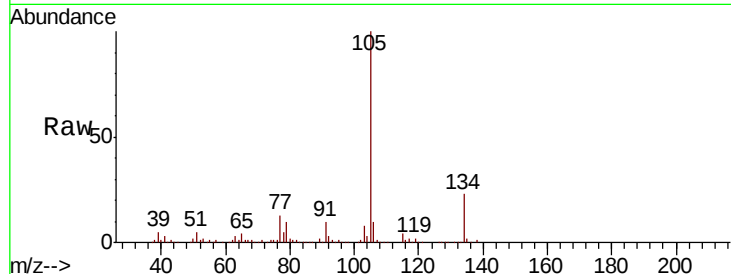




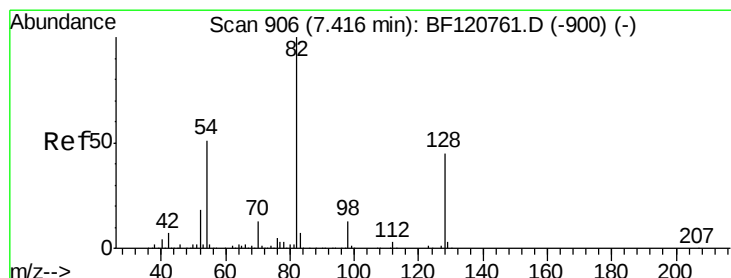
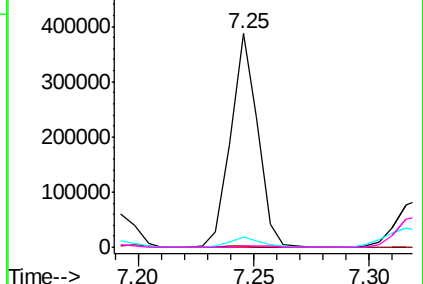
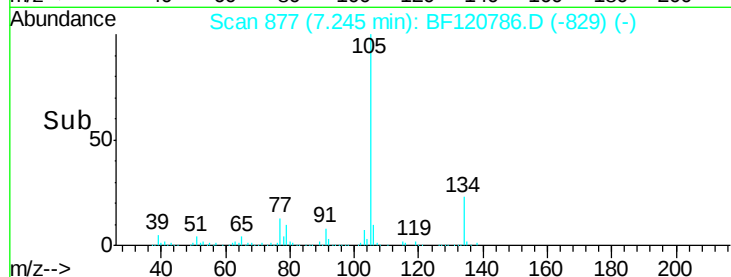
#22
Acetophenone
Concen: 37.024 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF120786.D
Acq: 7 Jul 2020 14:40

Instrument :
BNA_F
ClientSampleId :
MW-14

Tot Ion:105 Resp: 312892
Ion Ratio Lower Upper
105 100
71 0.5 6.5 9.7#
51 4.6 21.0 31.4#
120 0.5 18.6 28.0#

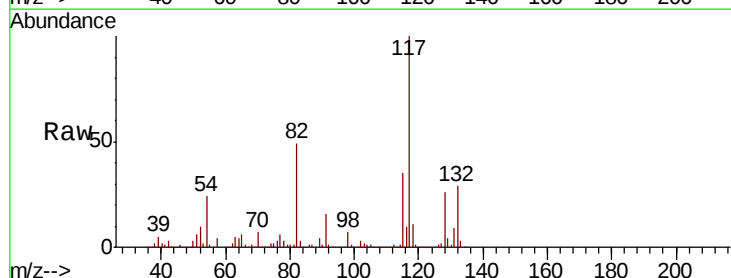


Abundance Ion 105.00 (104.70 to 105.70): E
600000
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

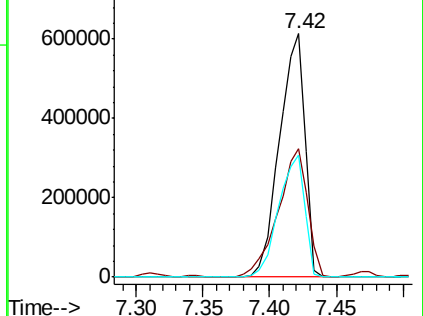
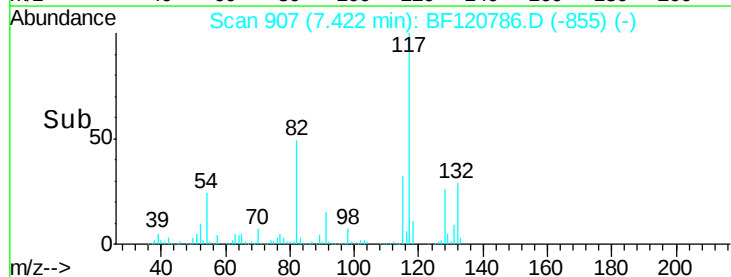


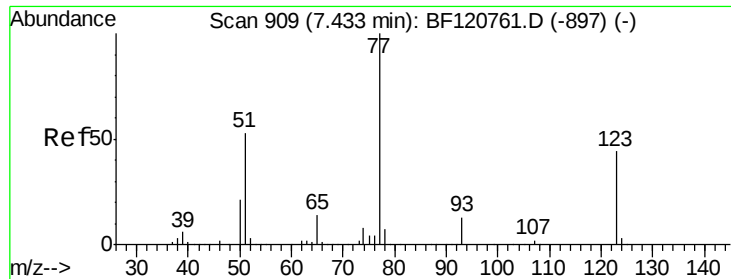
#23
Nitrobenzene-d5
Concen: 140.492 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.01 min
Lab File: BF120786.D
Acq: 7 Jul 2020 14:40

Tgt Ion: 82 Resp: 824460
Ion Ratio Lower Upper
82 100
128 52.6 35.7 53.5
54 49.9 40.9 61.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
800000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 16.563 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF120786.D

Acq: 7 Jul 2020 14:40

Instrument :

BNA_F

ClientSampled :

MW-14

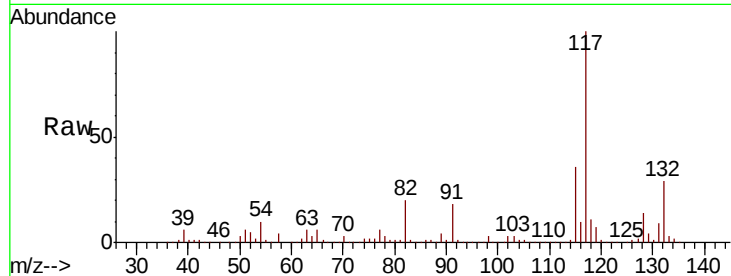
Tot Ion: 77 Resp: 109132

Ion Ratio Lower Upper

77 100

123 0.3 36.1 54.1#

65 93.7 11.0 16.4#

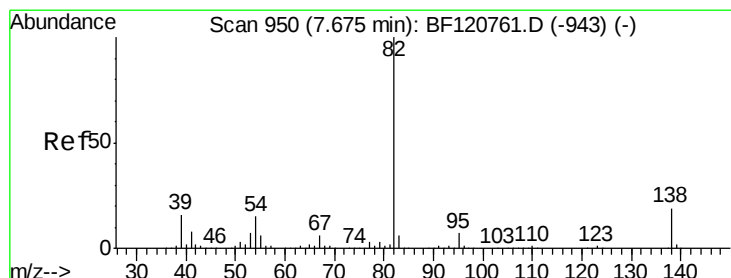
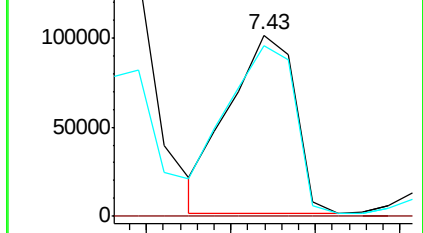
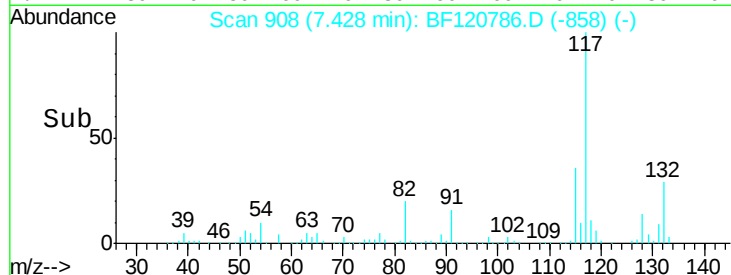


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Time-->



#25

Isophorone

Concen: 61.174 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.25 min

Lab File: BF120786.D

Acq: 7 Jul 2020 14:40

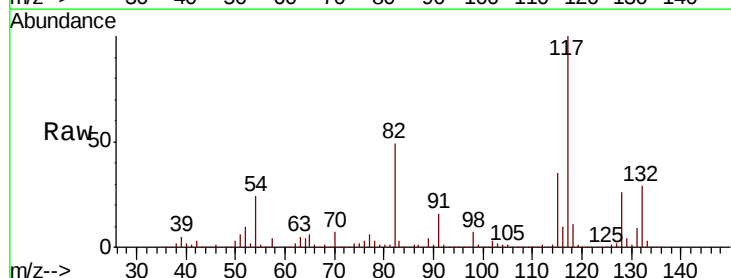
Tgt Ion: 82 Resp: 774194

Ion Ratio Lower Upper

82 100

95 0.1 5.4 8.2#

138 0.0 15.0 22.4#

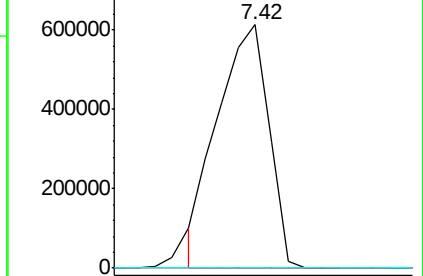
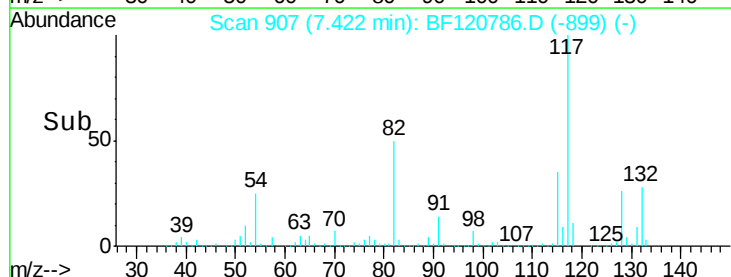


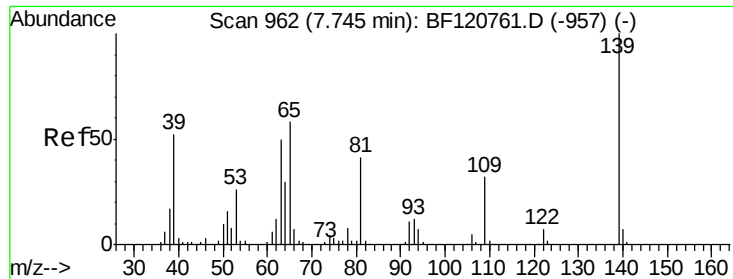
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

Time-->

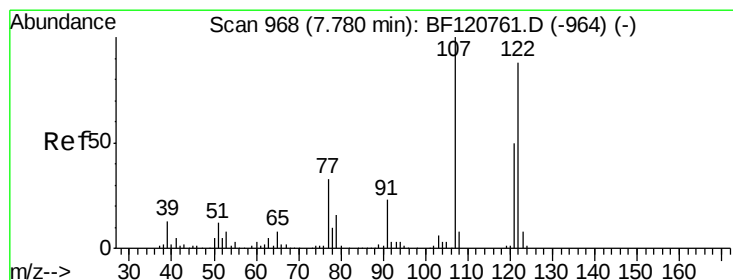
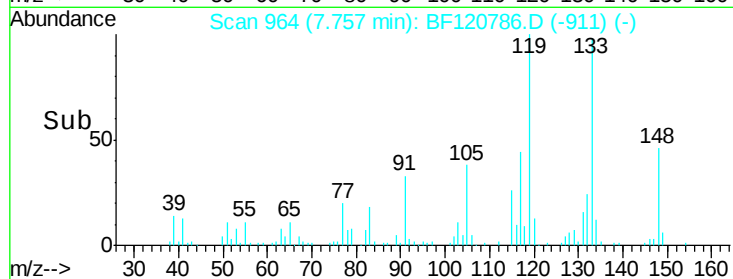
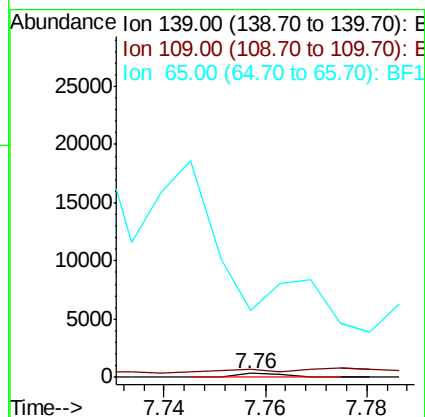
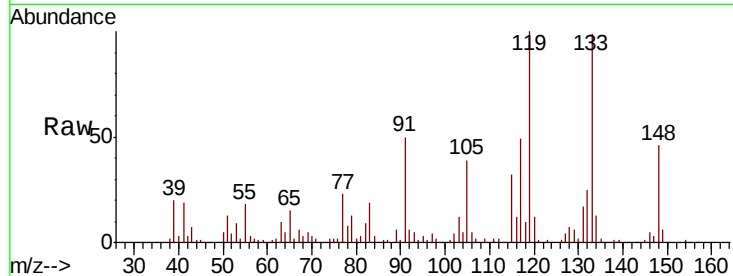




#26
2-Nitrophenol
Concen: 4.045 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.01 min
Lab File: BF120786.D
Acq: 7 Jul 2020 14:40

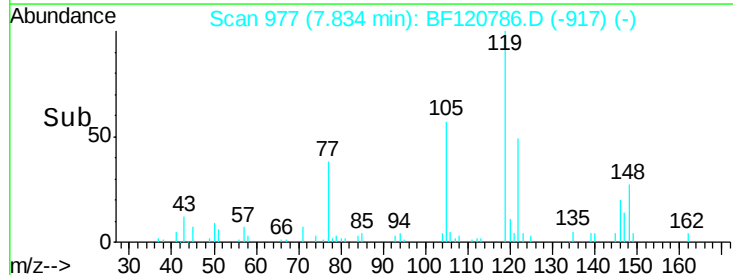
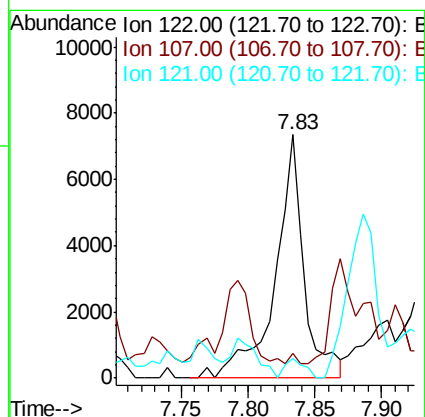
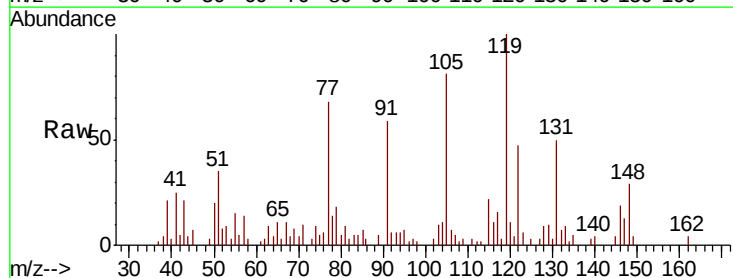
Instrument :
BNA_F
ClientSampled :
MW-14

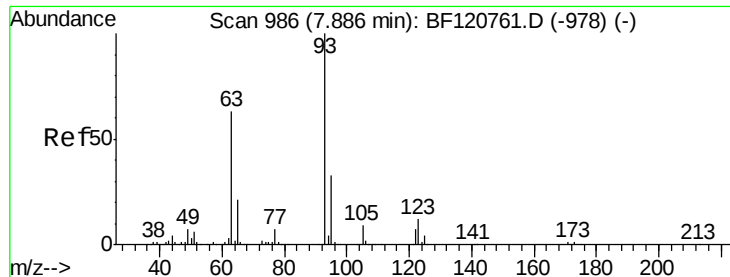
Tot Ion:139 Resp: 231
Ion Ratio Lower Upper
139 100
109 203.1 25.3 37.9#
65 1631.2 46.2 69.2#



#27
2,4-Dimethylphenol
Concen: 2.194 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.05 min
Lab File: BF120786.D
Acq: 7 Jul 2020 14:40

Tgt Ion:122 Resp: 11082
Ion Ratio Lower Upper
122 100
107 10.3 90.7 136.1#
121 7.8 45.4 68.0#

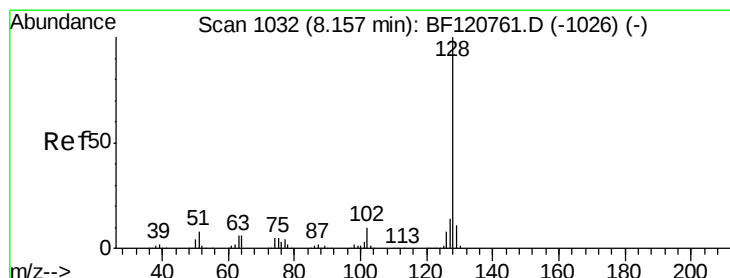
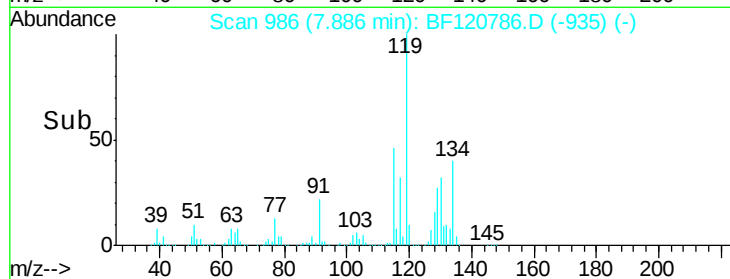
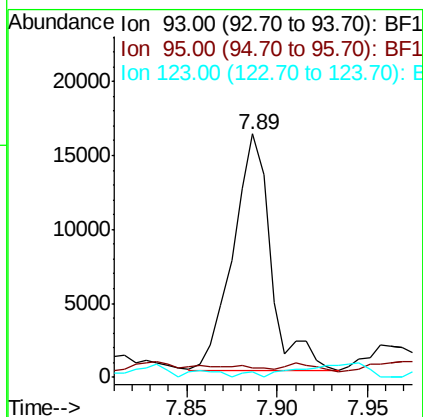
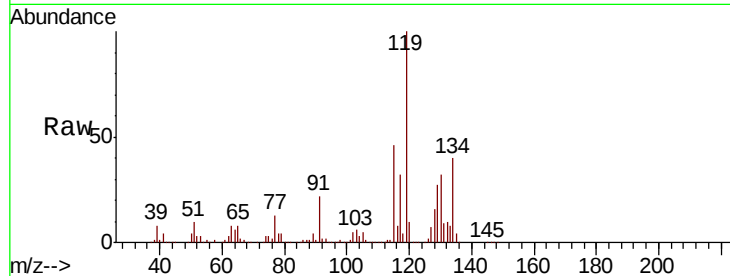




#28
 bis(2-Chloroethoxy)methane
 Concen: 3.113 ng
 RT: 7.89 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: BF120786.D
 Acq: 7 Jul 2020 14:40

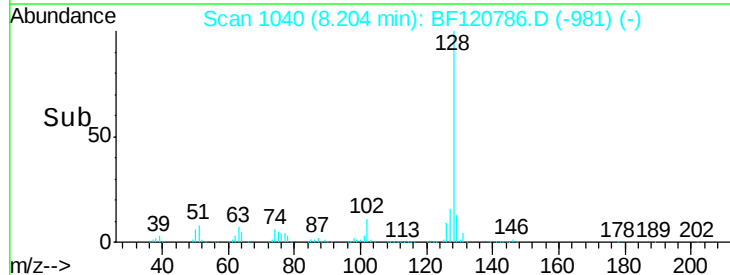
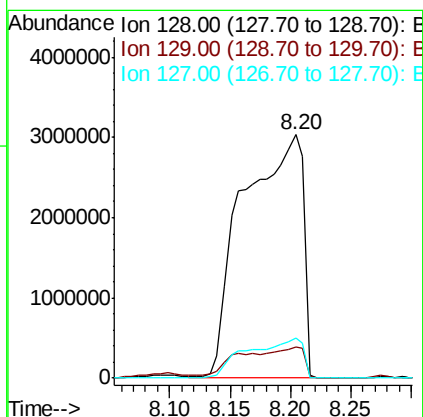
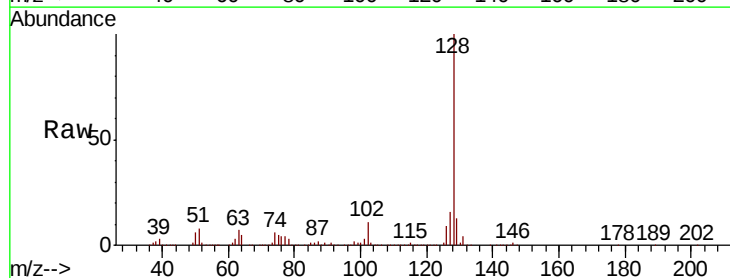
Instrument :
 BNA_F
 ClientSampleId :
 MW-14

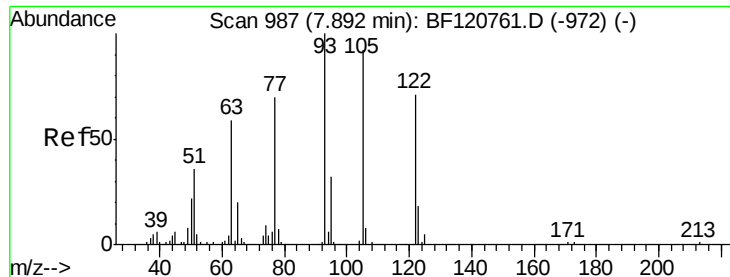
Tot Ion: 93 Resp: 23319
 Ion Ratio Lower Upper
 93 100
 95 3.9 26.4 39.6#
 123 2.4 10.2 15.2#



#31
 Naphthalene
 Concen: 571.574 ng
 RT: 8.20 min Scan# 1040
 Delta R.T. 0.05 min
 Lab File: BF120786.D
 Acq: 7 Jul 2020 14:40

Tgt Ion: 128 Resp: 10385793
 Ion Ratio Lower Upper
 128 100
 129 12.8 9.2 13.8
 127 16.5 11.1 16.7

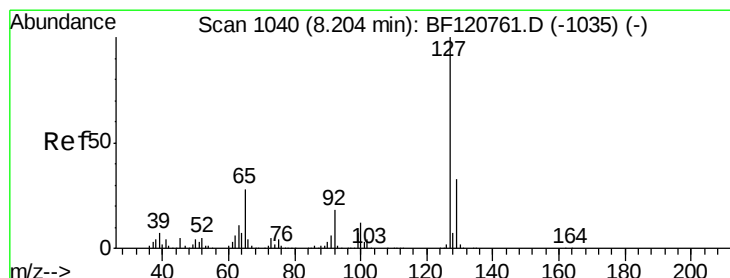
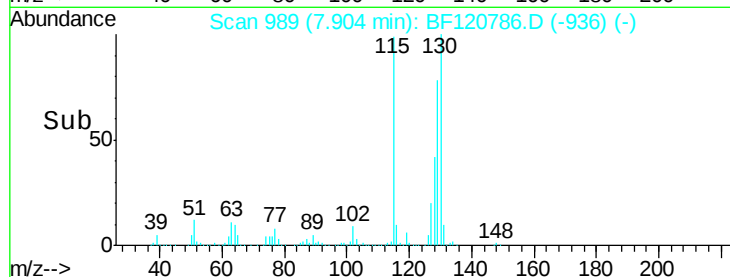
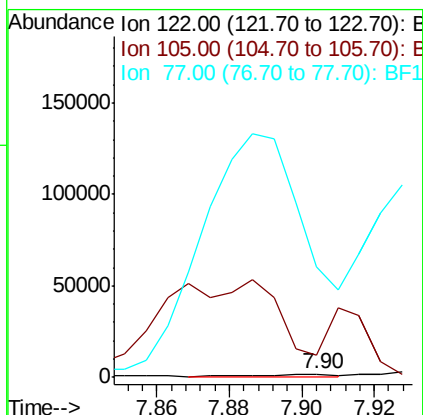
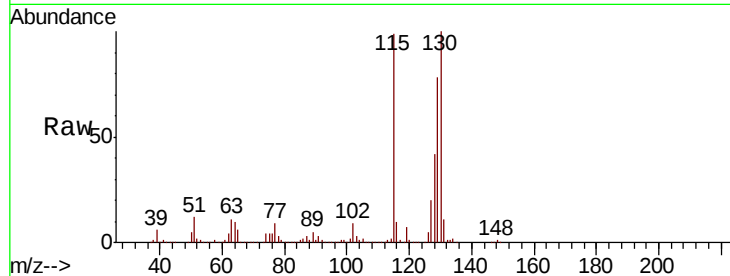




#32
Benzoic acid
Concen: 4.962 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF120786.D
Acq: 7 Jul 2020 14:40

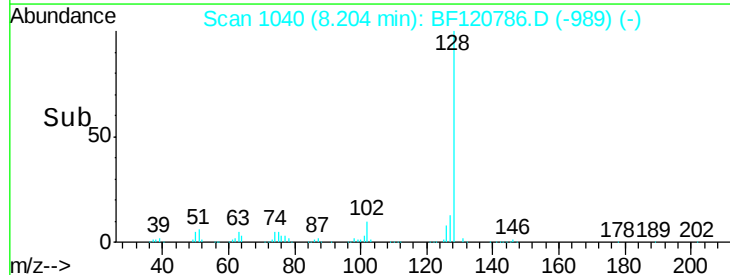
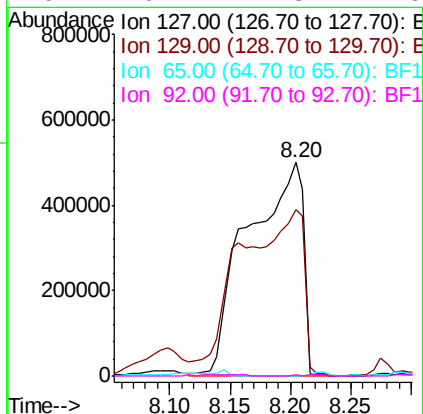
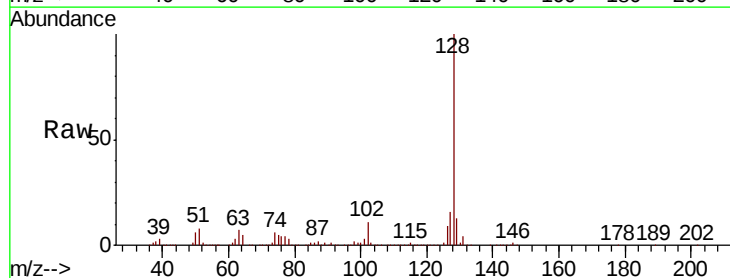
Instrument :
BNA_F
ClientSampleId :
MW-14

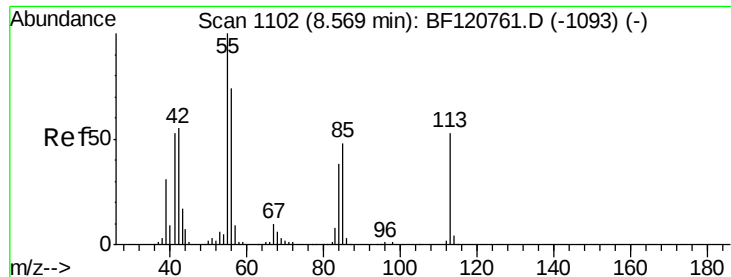
Tot Ion:122 Resp: 2890
Ion Ratio Lower Upper
122 100
105 678.9 105.8 145.8#
77 3469.0 77.3 117.3#



#33
4-Chloroaniline
Concen: 206.202 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF120786.D
Acq: 7 Jul 2020 14:40

Tgt Ion:127 Resp: 1589922
Ion Ratio Lower Upper
127 100
129 77.7 26.6 39.8#
65 0.0 22.7 34.1#
92 0.4 14.3 21.5#





#35

Caprolactam

Concen: 2.932 ng

RT: 8.57 min Scan# 1103

Delta R.T. 0.01 min

Lab File: BF120786.D

Acq: 7 Jul 2020 14:40

Instrument :

BNA_F

ClientSampleId :

MW-14

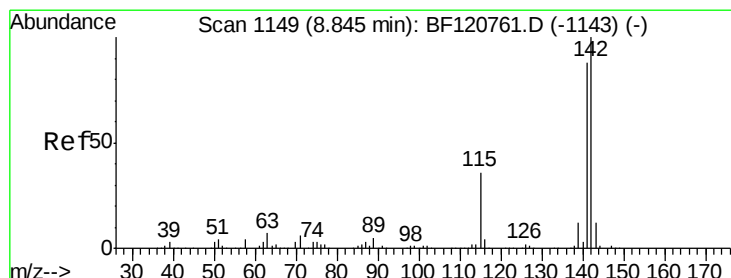
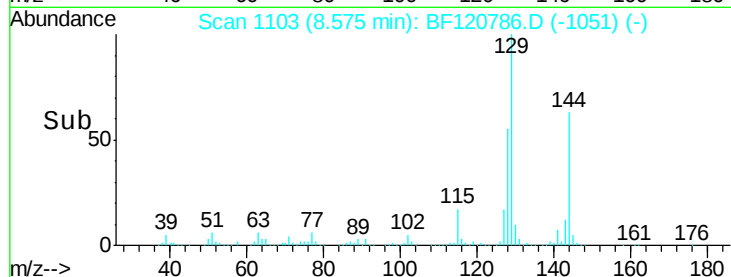
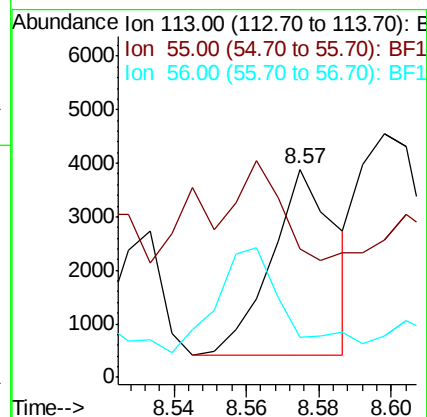
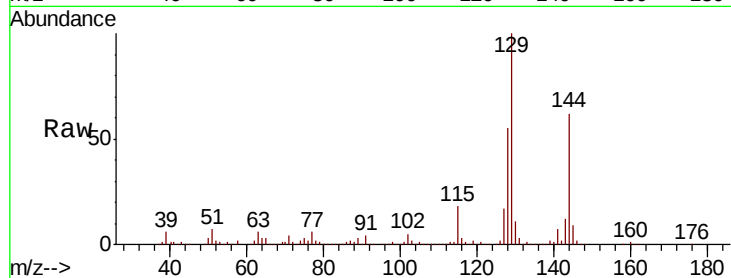
Tot Ion:113 Resp: 4309

Ion Ratio Lower Upper

113 100

55 62.0 168.3 208.3#

56 19.5 118.8 158.8#



#37

2-Methylnaphthalene

Concen: 245.616 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.01 min

Lab File: BF120786.D

Acq: 7 Jul 2020 14:40

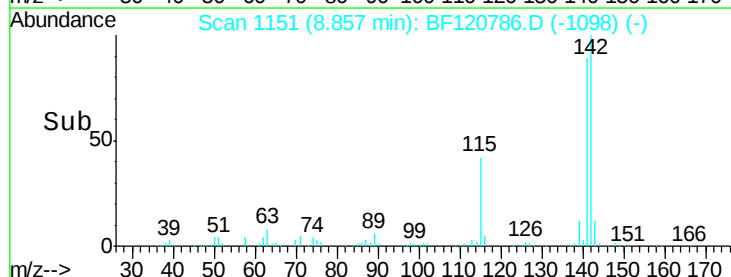
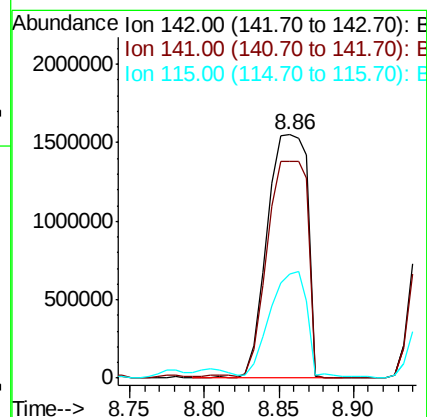
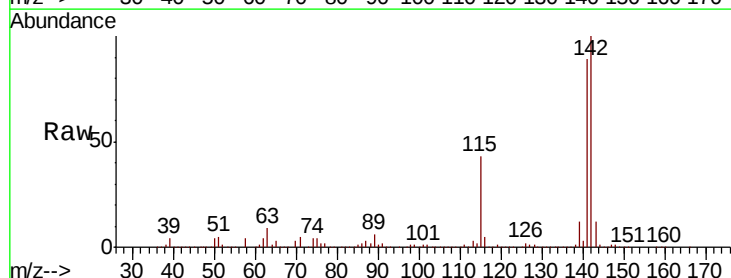
Tgt Ion:142 Resp: 2901224

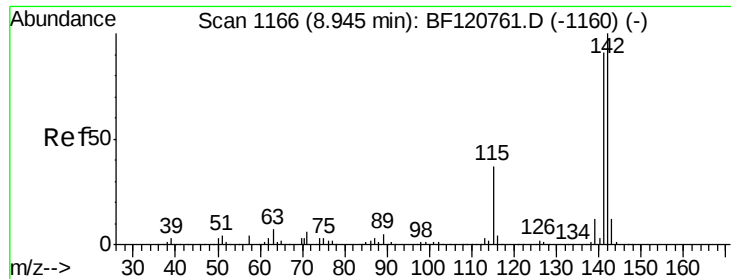
Ion Ratio Lower Upper

142 100

141 89.2 70.2 105.4

115 43.0 29.0 43.4

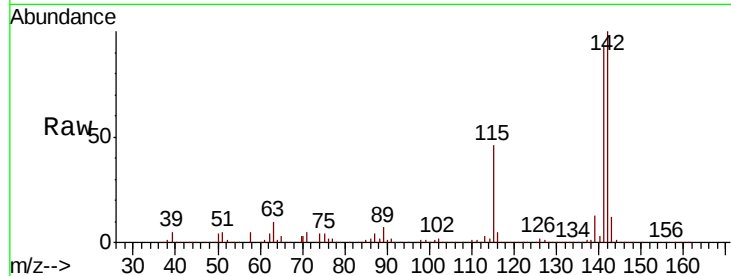




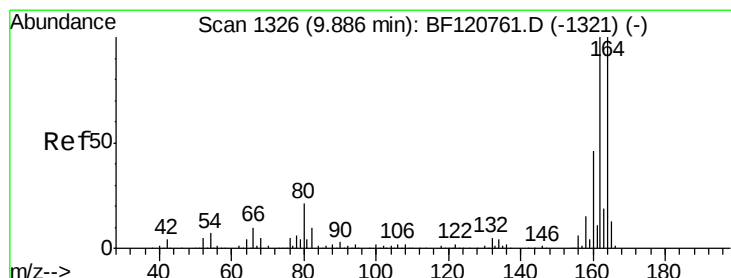
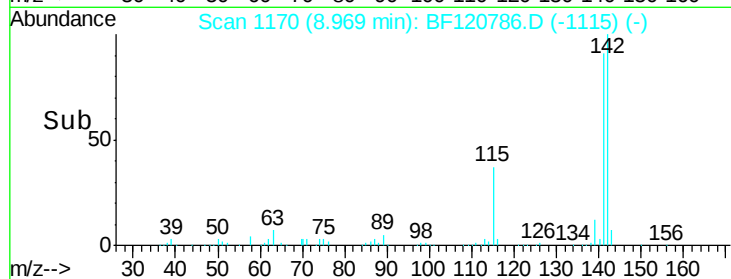
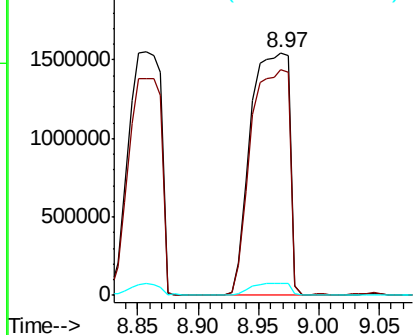
#38
1-Methylnaphthalene
Concen: 313.582 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.02 min
Lab File: BF120786.D
Acq: 7 Jul 2020 14:40

Instrument :
BNA_F
ClientSampled :
MW-14

Tot Ion:142 Resp: 3469572
Ion Ratio Lower Upper
142 100
141 93.0 72.5 108.7
116 5.0 3.1 4.7#

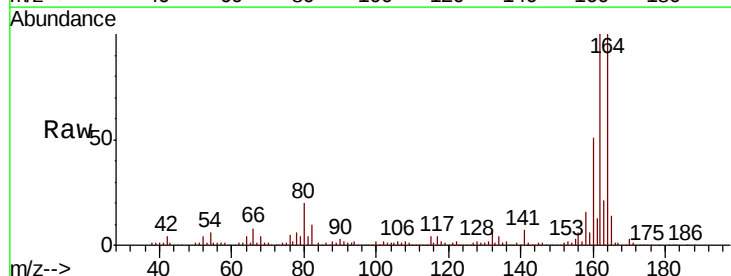


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

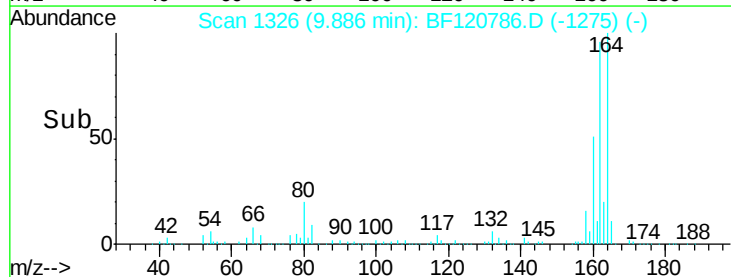
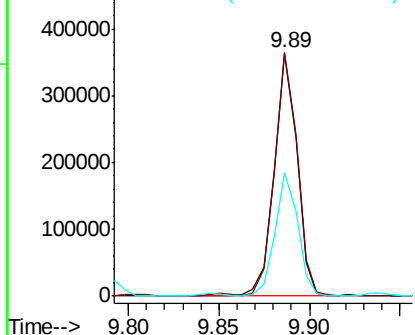


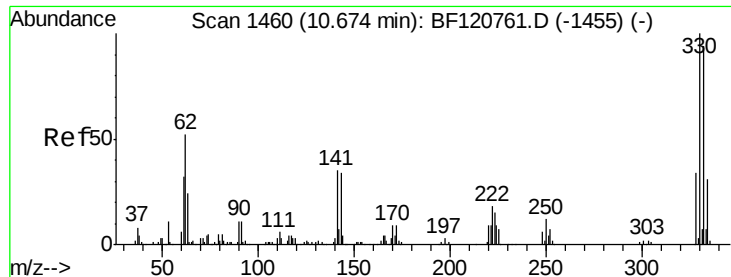
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF120786.D
Acq: 7 Jul 2020 14:40

Tgt Ion:164 Resp: 317134
Ion Ratio Lower Upper
164 100
162 100.3 80.2 120.2
160 51.0 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

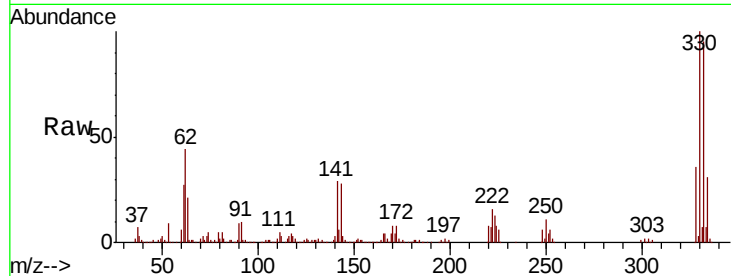




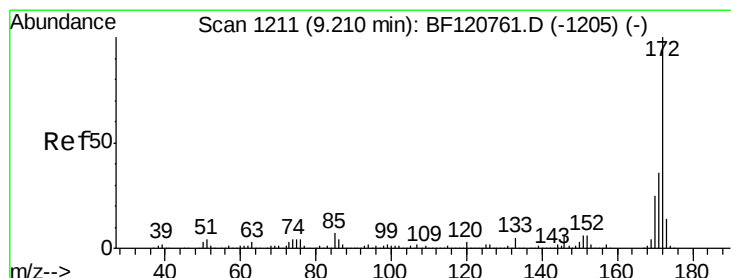
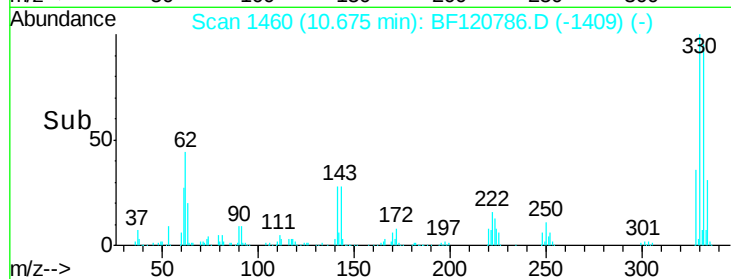
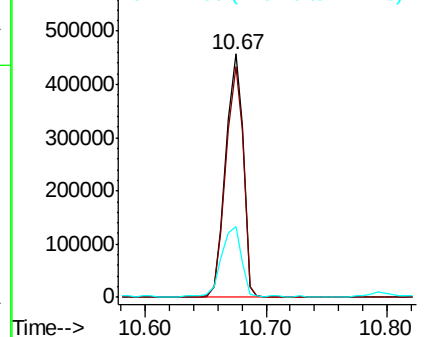
#42
 2,4,6-Tribromophenol
 Concen: 143.628 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. 0.00 min
 Lab File: BF120786.D
 Acq: 7 Jul 2020 14:40

Instrument :
 BNA_F
 ClientSampleId :
 MW-14

Tot Ion:330 Resp: 457609
 Ion Ratio Lower Upper
 330 100
 332 95.2 75.8 113.6
 141 32.2 29.7 44.5

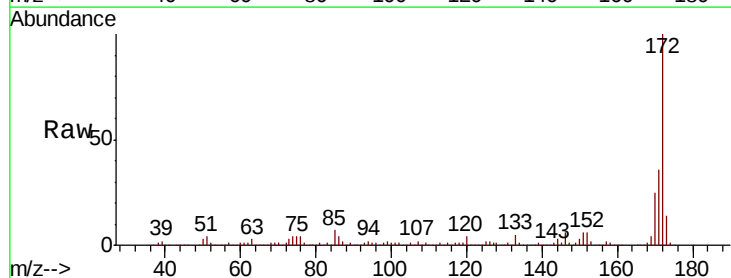


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

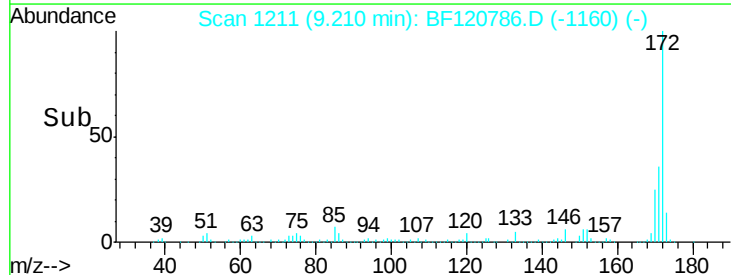
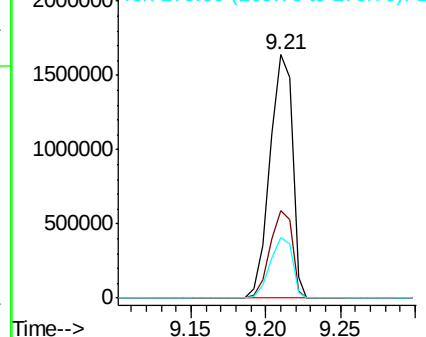


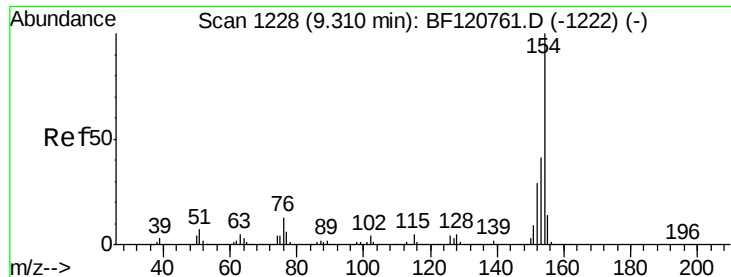
#45
 2-Fluorobiphenyl
 Concen: 80.936 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF120786.D
 Acq: 7 Jul 2020 14:40

Tgt Ion:172 Resp: 1696525
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.1 43.7
 170 24.8 19.8 29.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

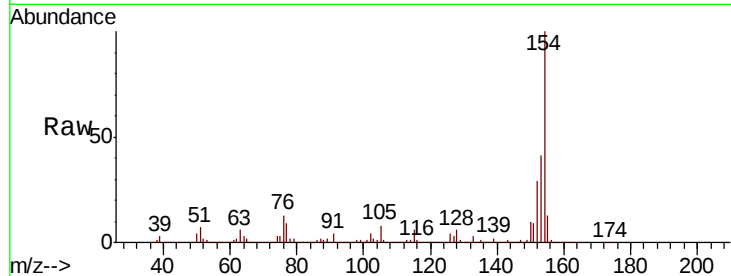




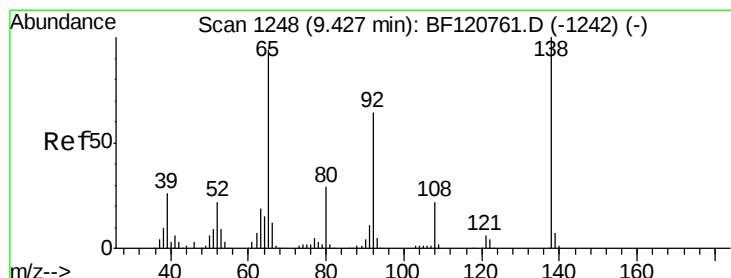
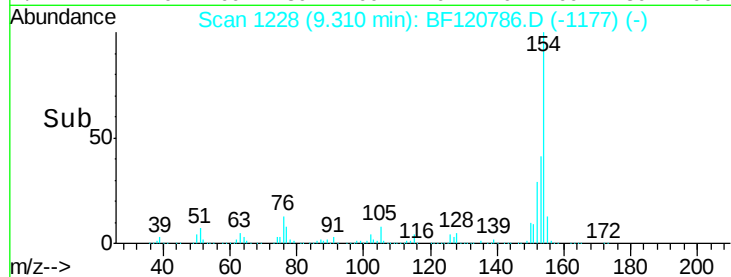
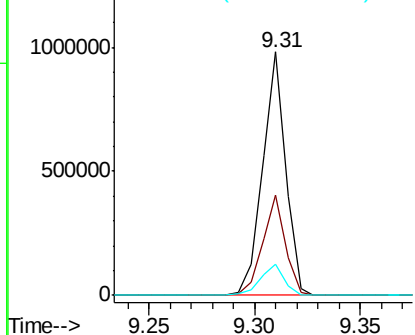
#46
1,1'-Biphenyl
Concen: 29.057 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF120786.D
Acq: 7 Jul 2020 14:40

Instrument :
BNA_F
ClientSampled :
MW-14

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.7	60.7
76	12.8	0.0	33.3

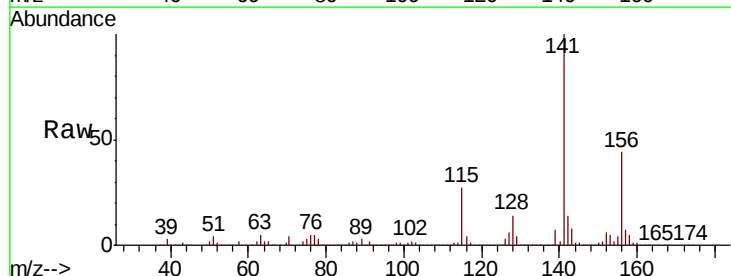


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

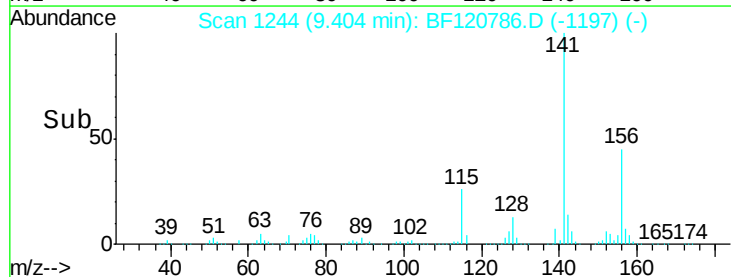
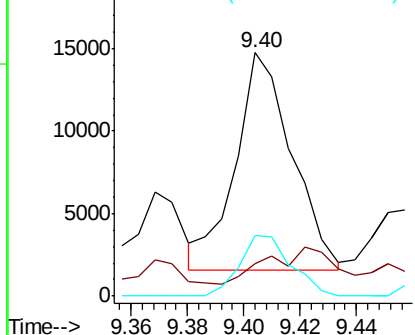


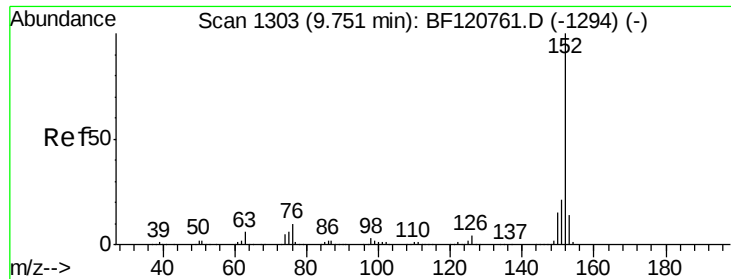
#48
2-Nitroaniline
Concen: 5.449 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.02 min
Lab File: BF120786.D
Acq: 7 Jul 2020 14:40

Tgt Ion	Ratio	Lower	Upper
65	100		
92	13.6	54.4	81.6#
138	25.1	84.7	127.1#



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





#49

Acenaphthylene

Concen: 3.139 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF120786.D

Acq: 7 Jul 2020 14:40

Instrument :

BNA_F

ClientSampleId :

MW-14

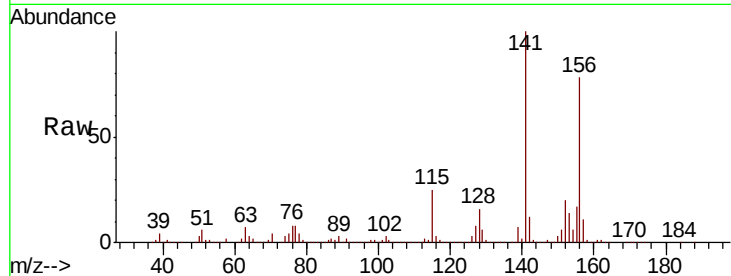
Tot Ion:152 Resp: 100862

Ion Ratio Lower Upper

152 100

151 27.3 16.9 25.3#

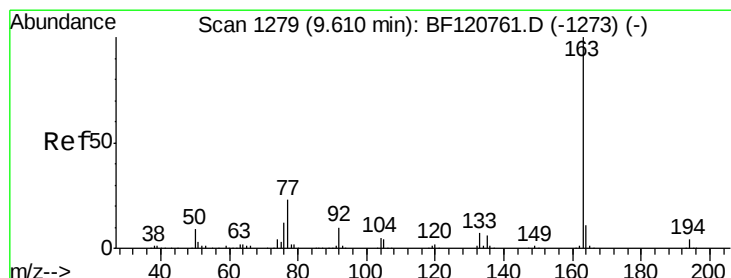
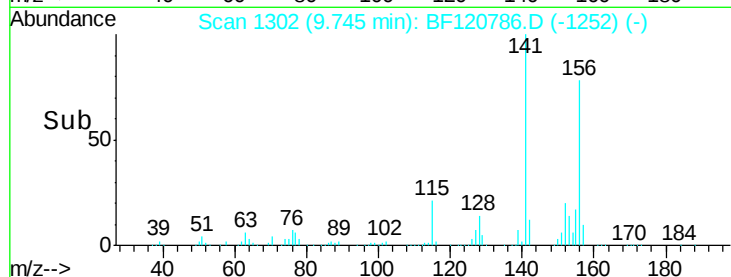
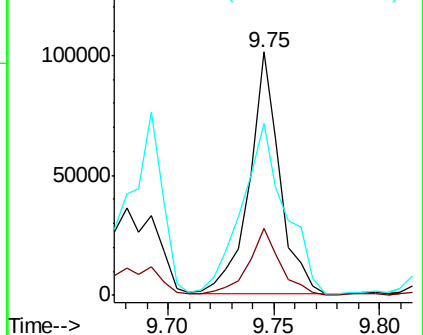
153 70.6 10.8 16.2#



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



#50

Dimethylphthalate

Concen: 7.449 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF120786.D

Acq: 7 Jul 2020 14:40

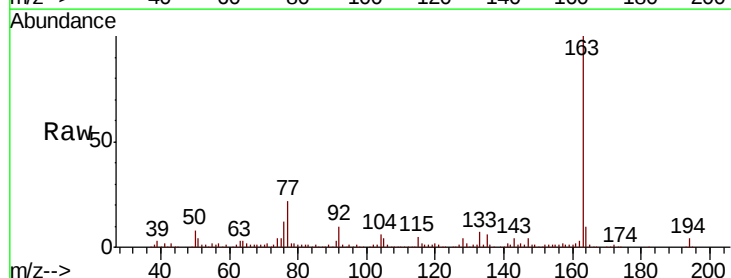
Tgt Ion:163 Resp: 172333

Ion Ratio Lower Upper

163 100

194 3.8 2.9 4.3

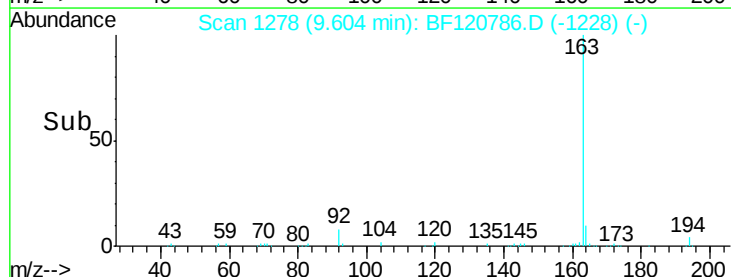
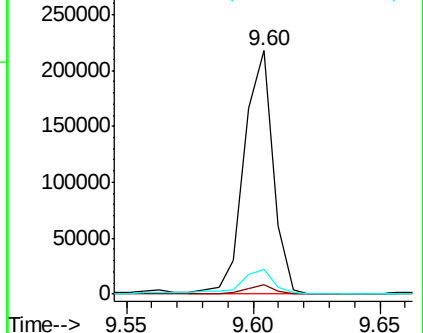
164 10.1 8.5 12.7

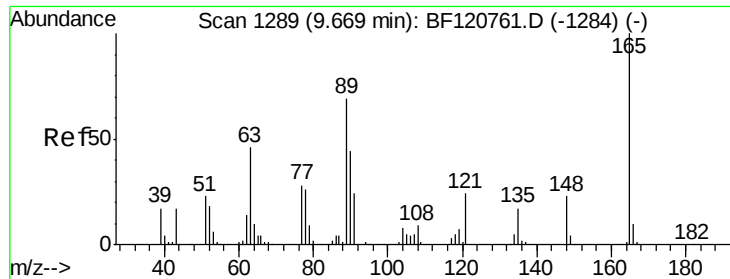


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

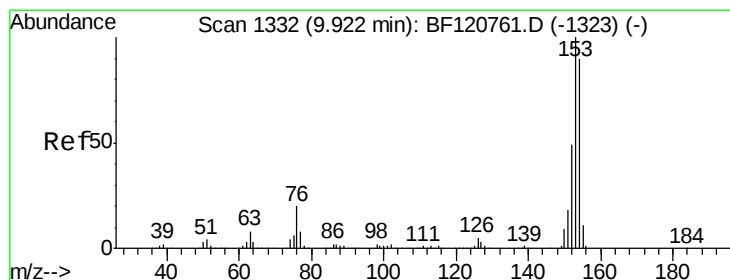
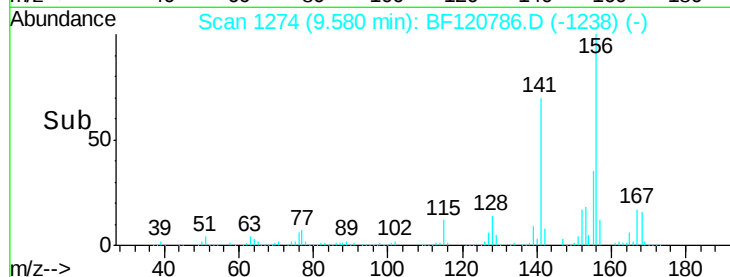
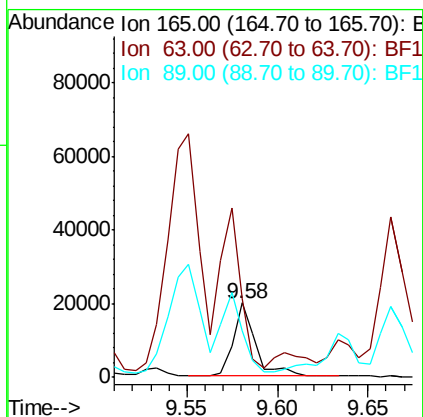
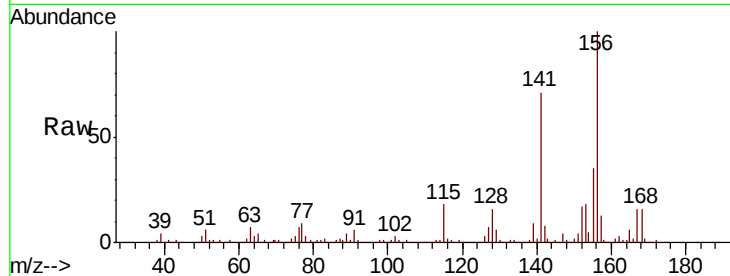




#51
 2,6-Dinitrotoluene
 Concen: 5.767 ng
 RT: 9.58 min Scan# 1274
 Delta R.T. -0.09 min
 Lab File: BF120786.D
 Acq: 7 Jul 2020 14:40

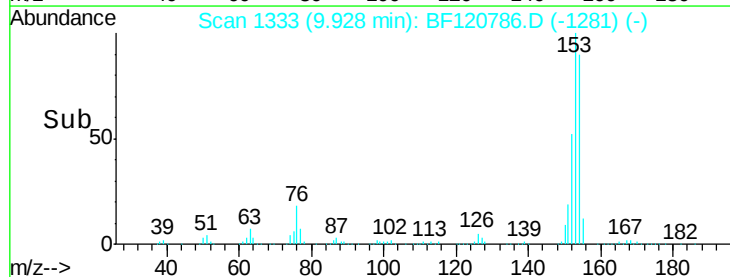
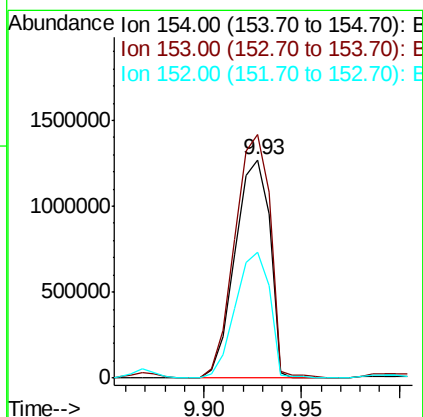
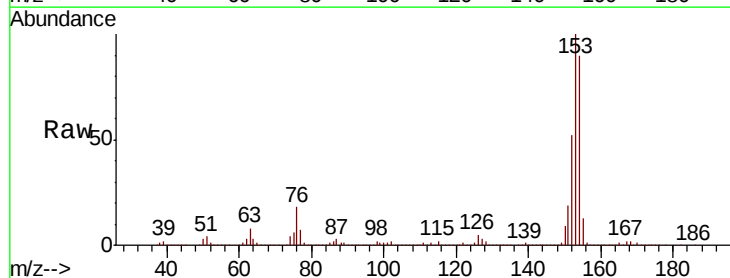
Instrument :
 BNA_F
 ClientSampled :
 MW-14

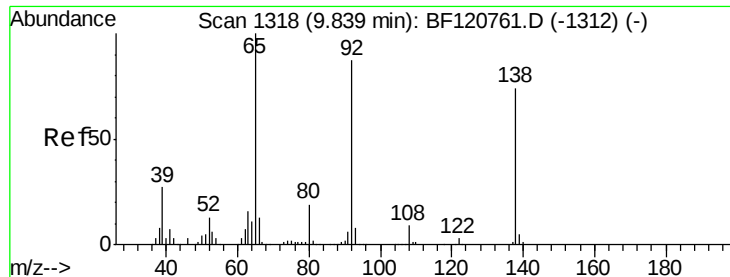
Tot Ion:165 Resp: 16842
 Ion Ratio Lower Upper
 165 100
 63 105.5 54.0 81.0#
 89 62.7 55.4 83.2



#52
 Acenaphthene
 Concen: 78.861 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: BF120786.D
 Acq: 7 Jul 2020 14:40

Tgt Ion:154 Resp: 1571912
 Ion Ratio Lower Upper
 154 100
 153 111.6 88.6 132.8
 152 57.6 43.6 65.4

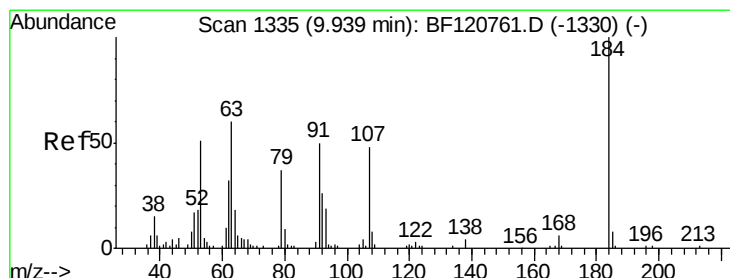
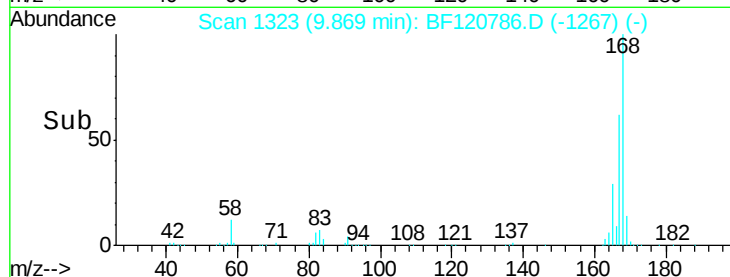
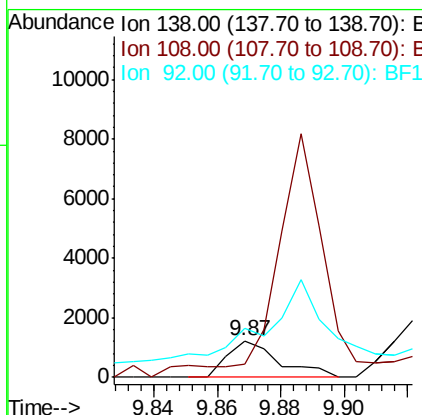
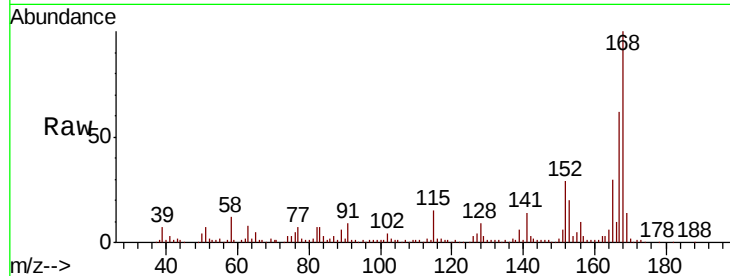




#53
 3-Nitroaniline
 Concen: 2.397 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.03 min
 Lab File: BF120786.D
 Acq: 7 Jul 2020 14:40

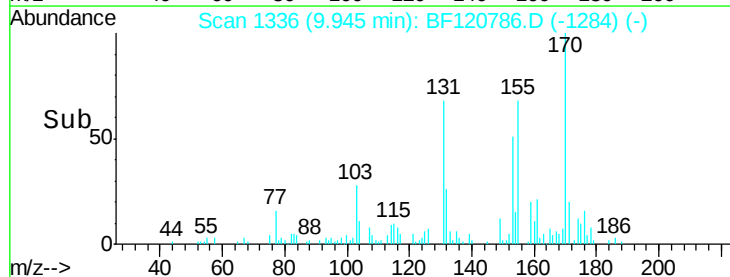
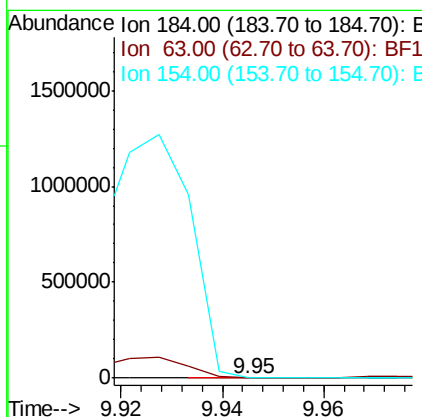
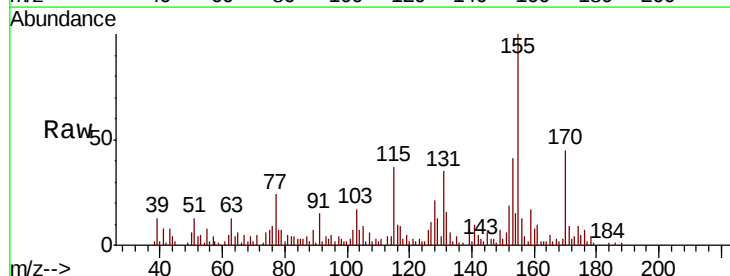
Instrument :
 BNA_F
 ClientSampleId :
 MW-14

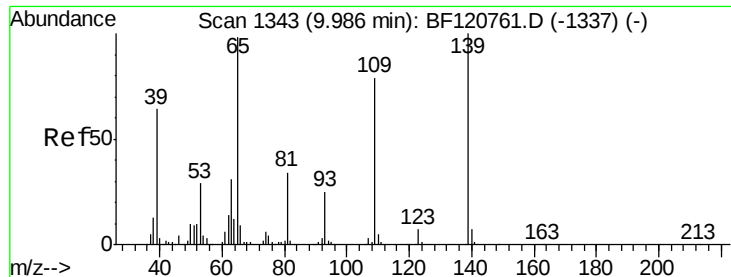
Tot Ion:138 Resp: 1379
 Ion Ratio Lower Upper
 138 100
 108 37.8 9.8 14.6#
 92 134.0 93.4 140.2



#54
 2,4-Dinitrophenol
 Concen: 9.646 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. 0.01 min
 Lab File: BF120786.D
 Acq: 7 Jul 2020 14:40

Tgt Ion:184 Resp: 235
 Ion Ratio Lower Upper
 184 100
 63 1241.1 57.3 85.9#
 154 1416.4 55.8 83.6#

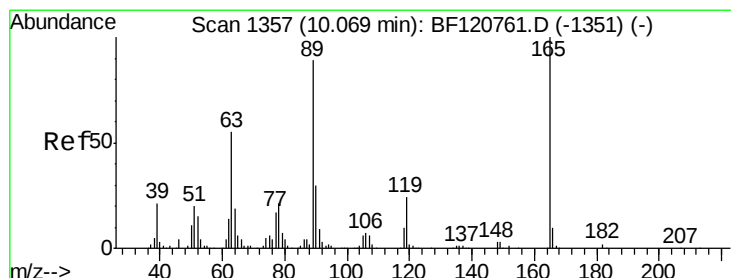
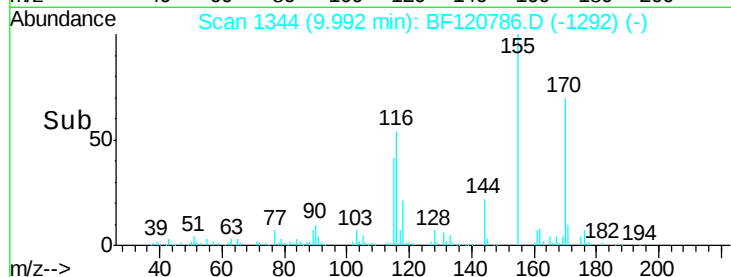
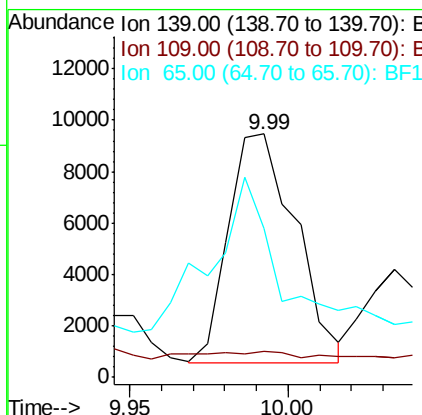
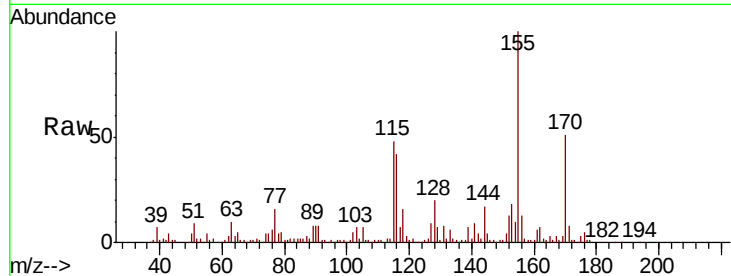




#56
4-Nitrophenol
Concen: 5.094 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF120786.D
Acq: 7 Jul 2020 14:40

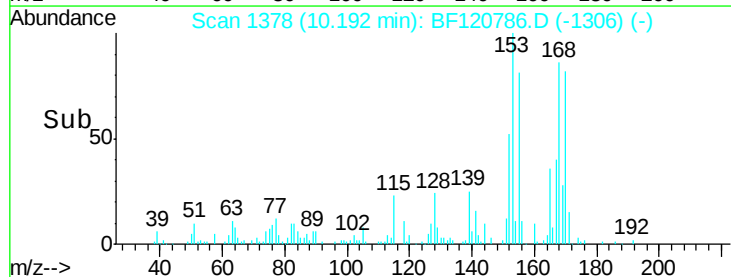
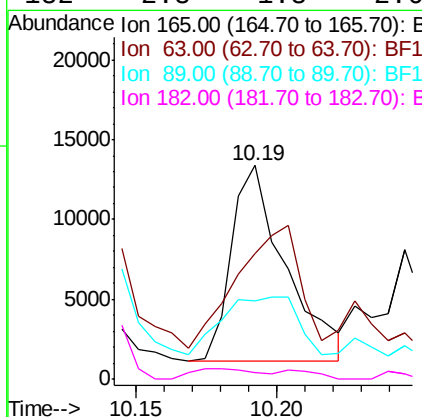
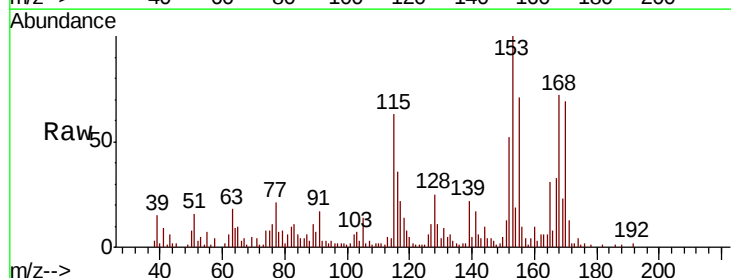
Instrument :
BNA_F
ClientSampleId :
MW-14

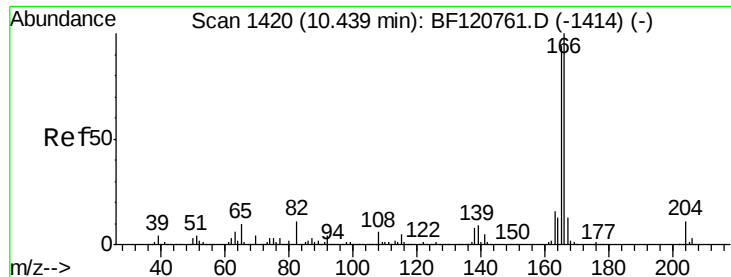
Tot Ion:139 Resp: 13080
Ion Ratio Lower Upper
139 100
109 10.6 58.6 98.6#
65 61.1 78.7 118.7#



#57
2,4-Dinitrotoluene
Concen: 5.739 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.12 min
Lab File: BF120786.D
Acq: 7 Jul 2020 14:40

Tgt Ion:165 Resp: 16306
Ion Ratio Lower Upper
165 100
63 58.6 43.8 65.8
89 36.8 71.4 107.2#
182 2.8 1.8 2.6#





#58

Fluorene

Concen: 36.238 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF120786.D

Acq: 7 Jul 2020 14:40

Instrument :

BNA_F

ClientSampleId :

MW-14

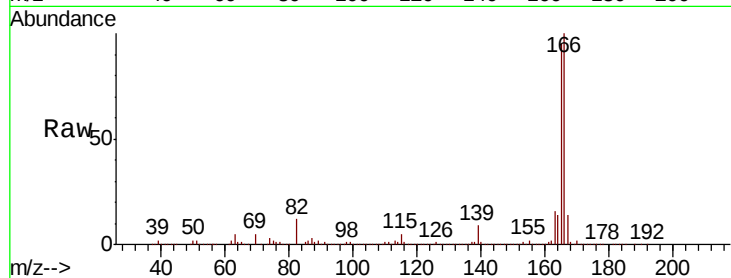
Tot Ion:166 Resp: 774991

Ion Ratio Lower Upper

166 100

165 95.1 75.5 113.3

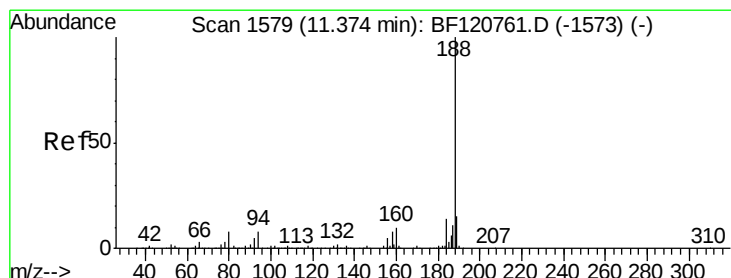
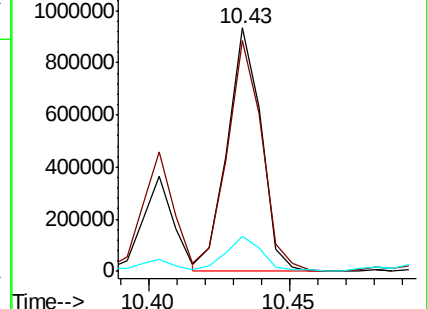
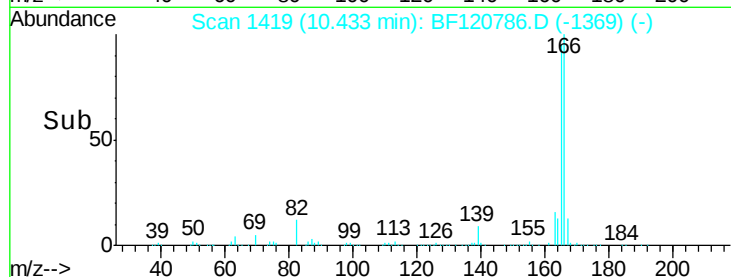
167 14.2 10.6 16.0



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF120786.D

Acq: 7 Jul 2020 14:40

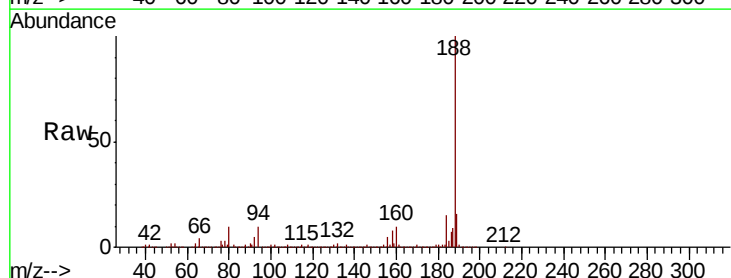
Tgt Ion:188 Resp: 577498

Ion Ratio Lower Upper

188 100

94 9.6 6.6 9.8

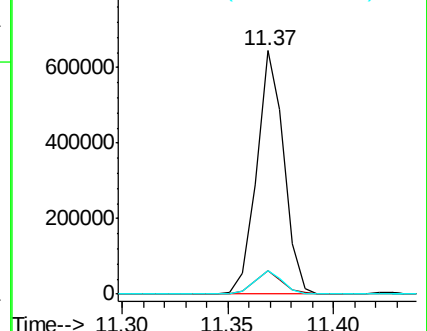
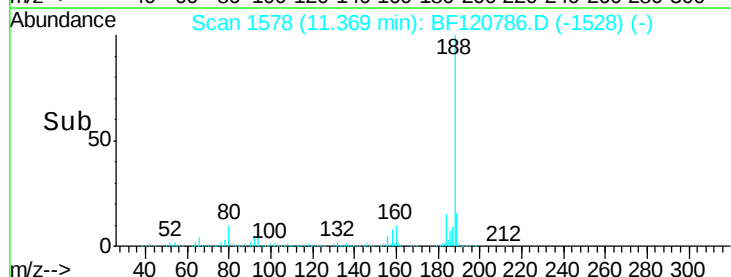
80 9.8 6.6 10.0

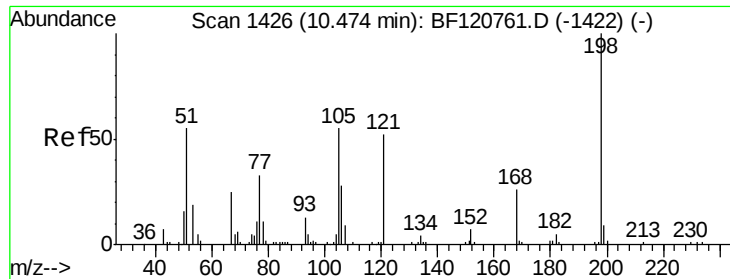


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

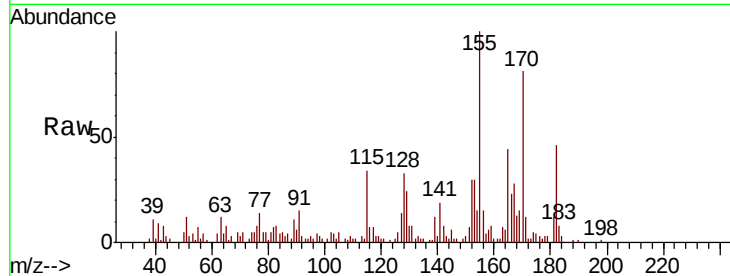




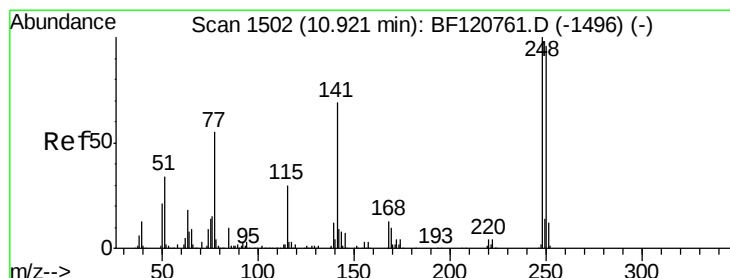
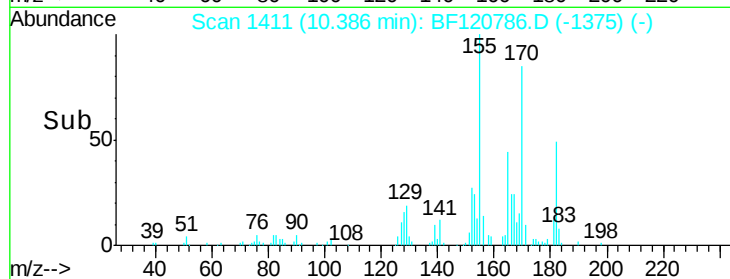
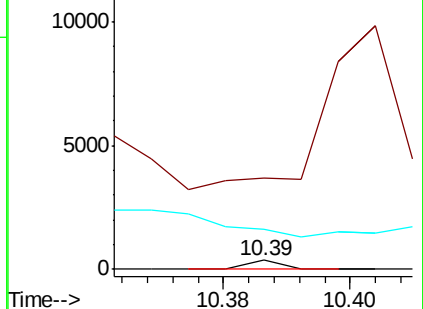
#65
4,6-Dinitro-2-methylphenol
Concen: 7.052 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.09 min
Lab File: BF120786.D
Acq: 7 Jul 2020 14:40

Instrument :
BNA_F
ClientSampleId :
MW-14

Tot Ion:198 Resp: 126
Ion Ratio Lower Upper
198 100
51 1036.3 50.0 90.0#
105 450.8 38.3 78.3#

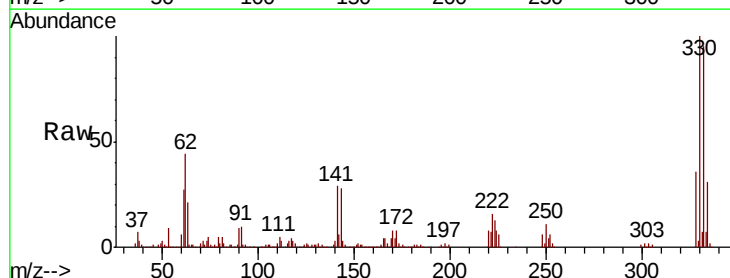


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

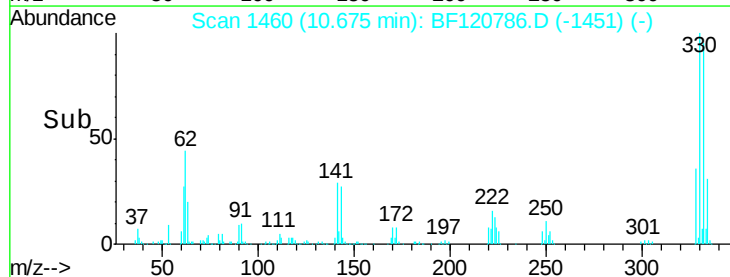
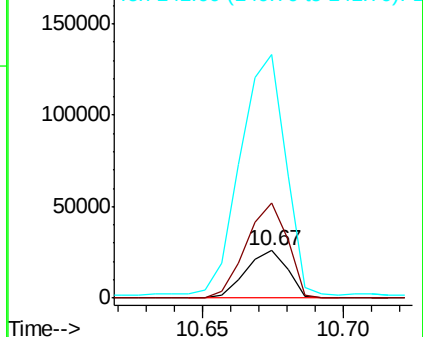


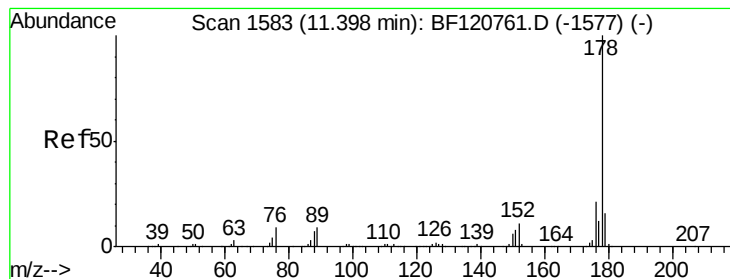
#67
4-Bromophenyl-phenylether
Concen: 3.980 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.25 min
Lab File: BF120786.D
Acq: 7 Jul 2020 14:40

Tgt Ion:248 Resp: 26659
Ion Ratio Lower Upper
248 100
250 201.9 76.5 114.7#
141 513.4 54.9 82.3#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#71

Phenanthrene

Concen: 50.509 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF120786.D

Acq: 7 Jul 2020 14:40

Instrument :

BNA_F

ClientSampleId :

MW-14

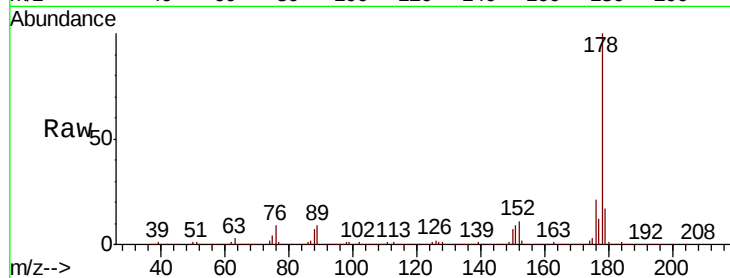
Tot Ion:178 Resp: 1582654

Ion Ratio Lower Upper

178 100

176 21.3 16.4 24.6

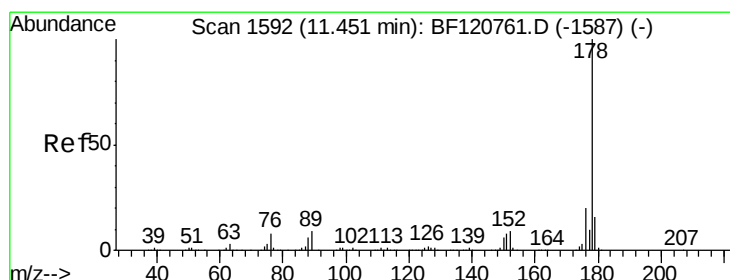
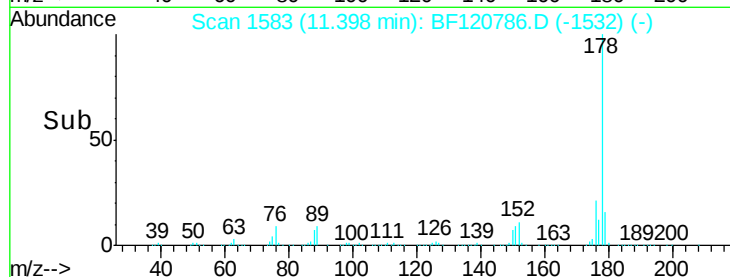
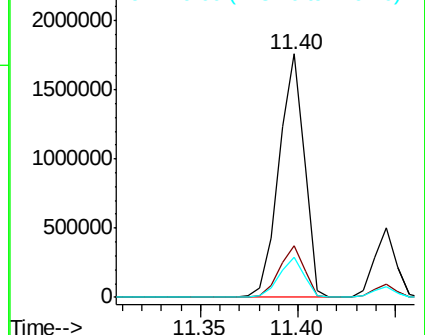
179 16.6 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 11.811 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF120786.D

Acq: 7 Jul 2020 14:40

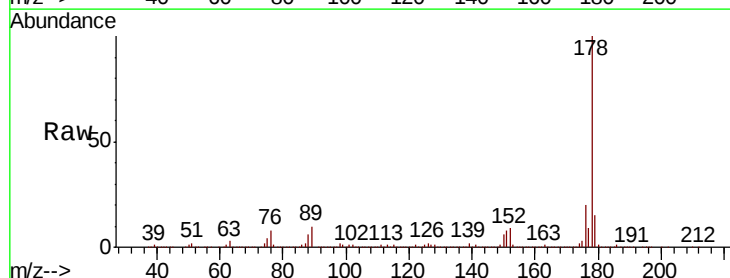
Tgt Ion:178 Resp: 373986

Ion Ratio Lower Upper

178 100

176 19.6 16.2 24.2

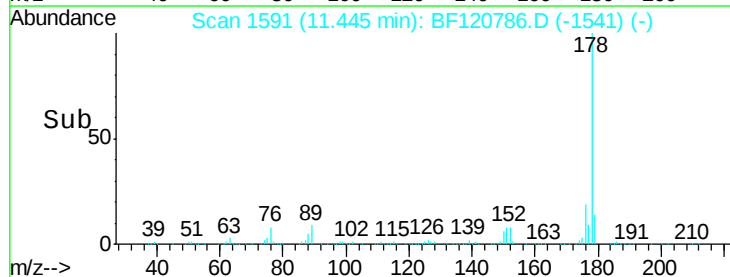
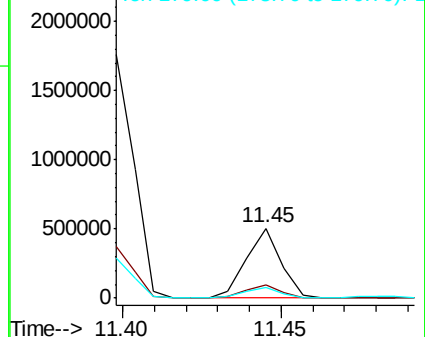
179 15.5 12.7 19.1

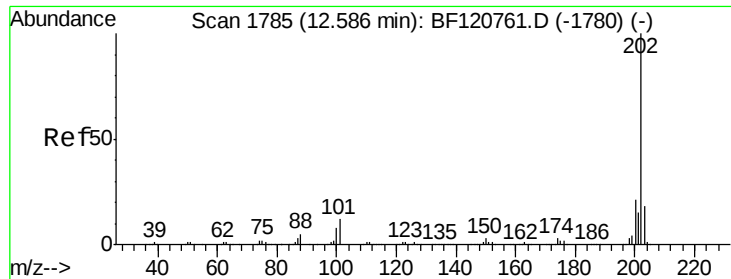


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 4.063 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF120786.D

Acq: 7 Jul 2020 14:40

Instrument :

BNA_F

ClientSampleId :

MW-14

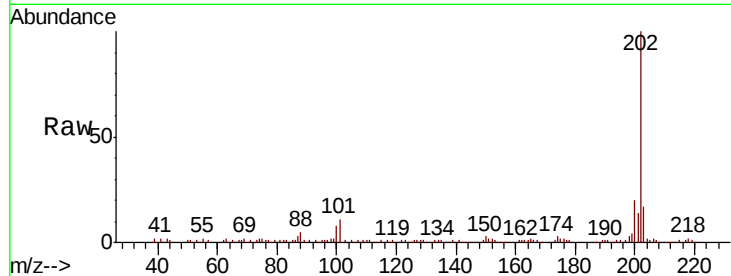
Tot Ion:202 Resp: 135612

Ion Ratio Lower Upper

202 100

101 11.1 0.0 31.6

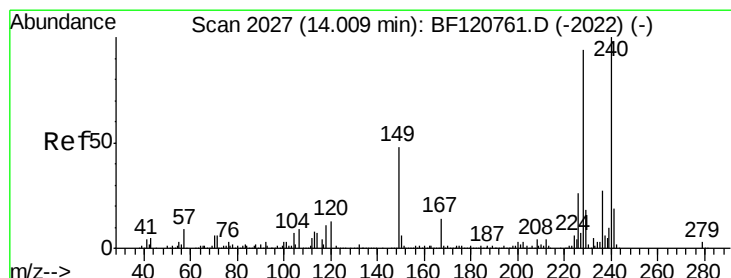
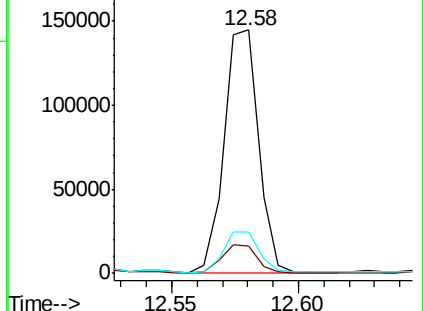
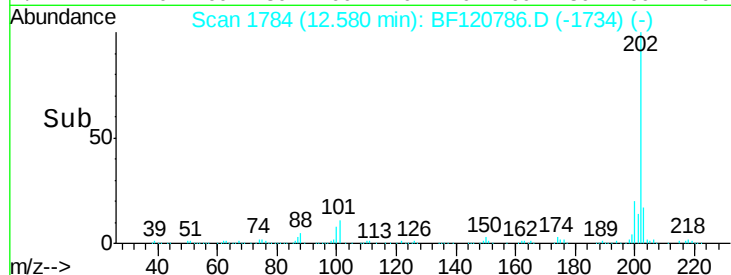
203 17.2 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF120786.D

Acq: 7 Jul 2020 14:40

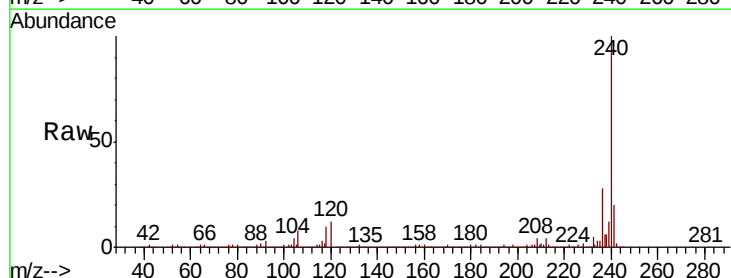
Tgt Ion:240 Resp: 454068

Ion Ratio Lower Upper

240 100

120 12.1 10.3 15.5

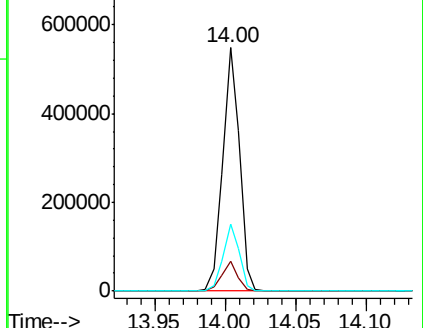
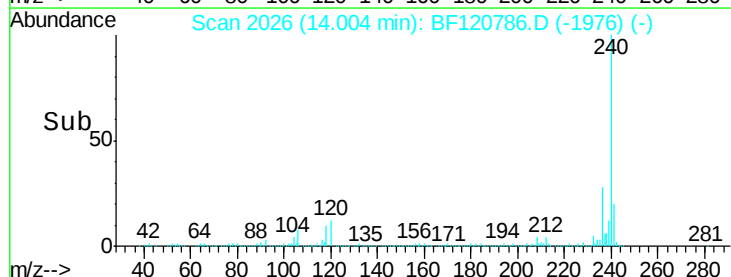
236 27.7 21.4 32.2

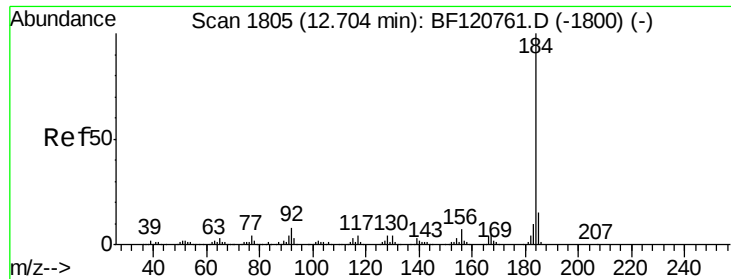


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.321 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.26 min

Lab File: BF120786.D

Acq: 7 Jul 2020 14:40

Instrument :

BNA_F

ClientSampleId :

MW-14

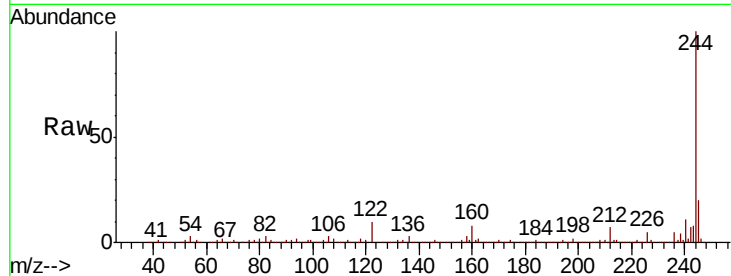
Tot Ion:184 Resp: 29748

Ion Ratio Lower Upper

184 100

185 14.0 11.8 17.8

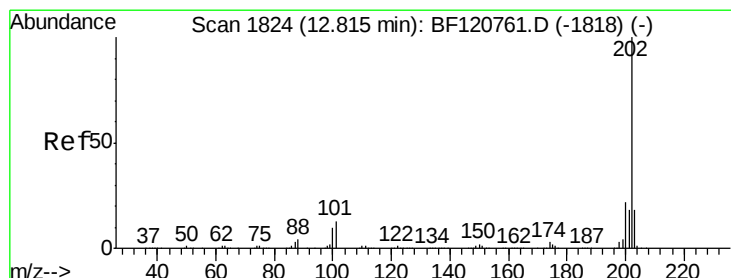
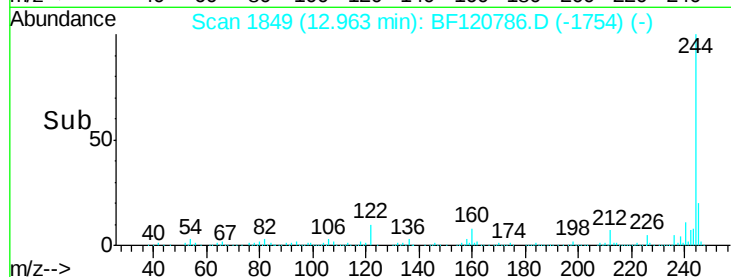
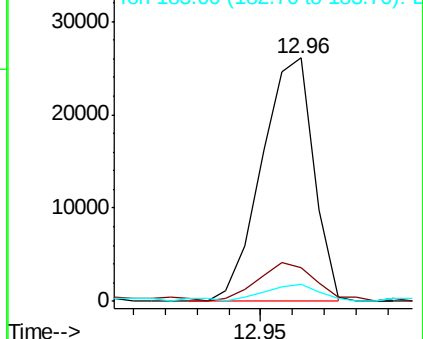
183 7.1 8.3 12.5#



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



#78

Pyrene

Concen: 7.790 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF120786.D

Acq: 7 Jul 2020 14:40

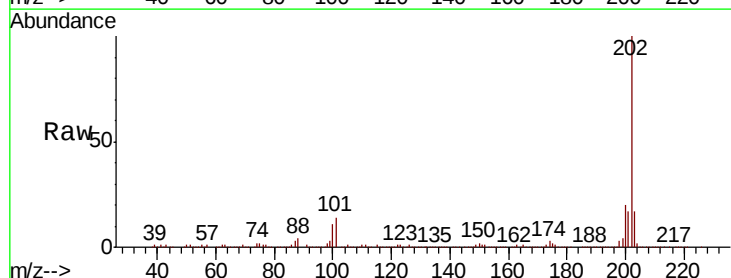
Tgt Ion:202 Resp: 282495

Ion Ratio Lower Upper

202 100

200 20.4 17.3 25.9

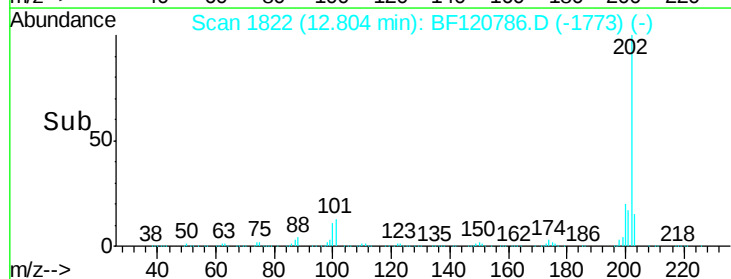
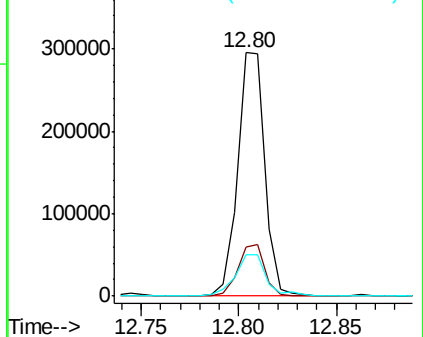
203 17.0 14.6 22.0

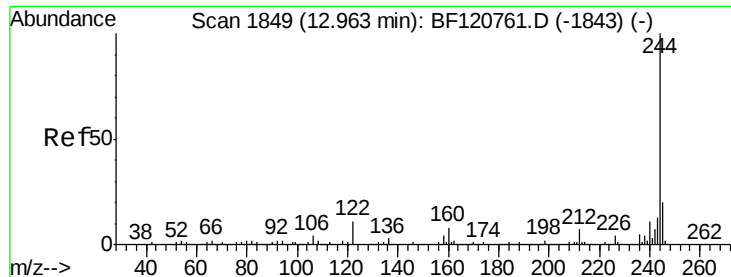


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



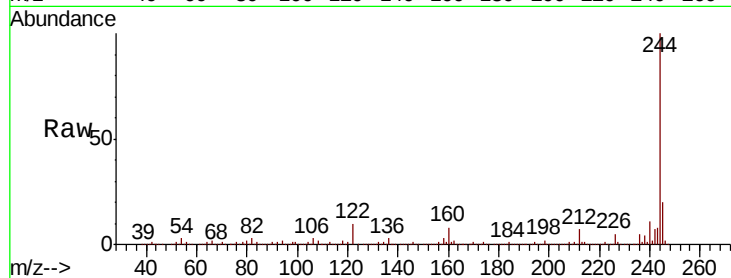


#79
 Terphenyl-d14
 Concen: 86.307 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.00 min
 Lab File: BF120786.D
 Acq: 7 Jul 2020 14:40

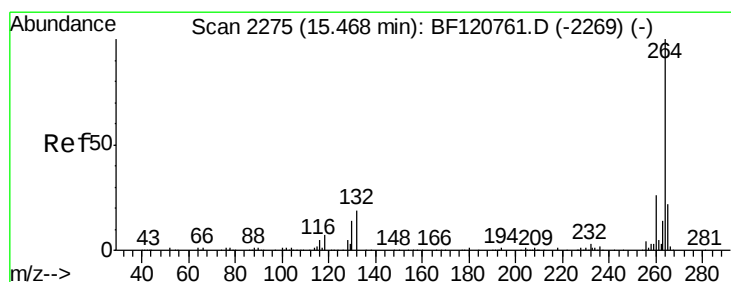
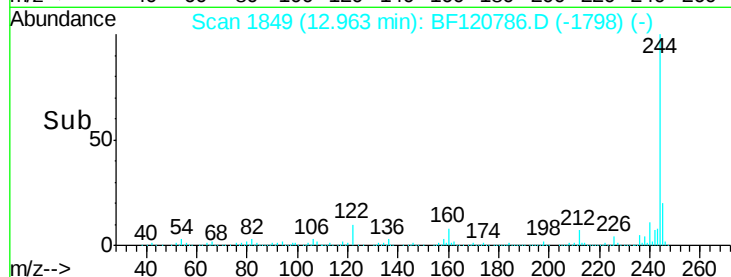
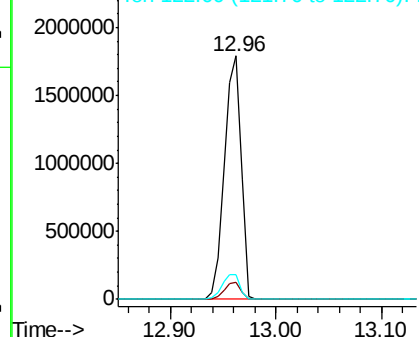
Instrument :
 BNA_F
 ClientSampleId :
 MW-14

Tot Ion:244 Resp: 2001614

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.6	8.4
122	10.1	9.0	13.4



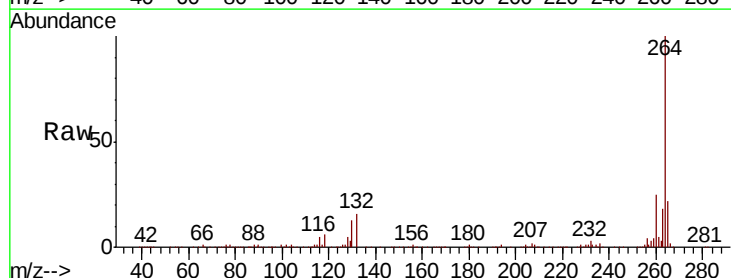
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. 0.00 min
 Lab File: BF120786.D
 Acq: 7 Jul 2020 14:40

Tgt Ion:264 Resp: 387082

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.6	30.8
265	21.7	17.6	26.4



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

