

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF100118\  
 Data File : BF109482.D  
 Acq On : 1 Oct 2018 19:32  
 Operator : JU/SJ  
 Sample : J5155-02  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 QNWP8-MW30D-GW

Quant Time: Oct 02 03:42:51 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF092218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 22 13:32:18 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.70  | 152  | 101254   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.99  | 136  | 368236   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.74  | 164  | 159201   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.22 | 188  | 257284   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.85 | 240  | 234909   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.24 | 264  | 181062   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.33  | 112  | 264876   | 43.09 | ng    | 0.01     |
| 7) Phenol-d6                | 6.35  | 99   | 203416   | 25.93 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.27  | 82   | 448565   | 71.91 | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.53 | 330  | 155844   | 99.30 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.06  | 172  | 785567   | 74.42 | ng    | -0.01    |
| 78) Terphenyl-d14           | 12.80 | 244  | 661682   | 69.13 | ng    | 0.00     |

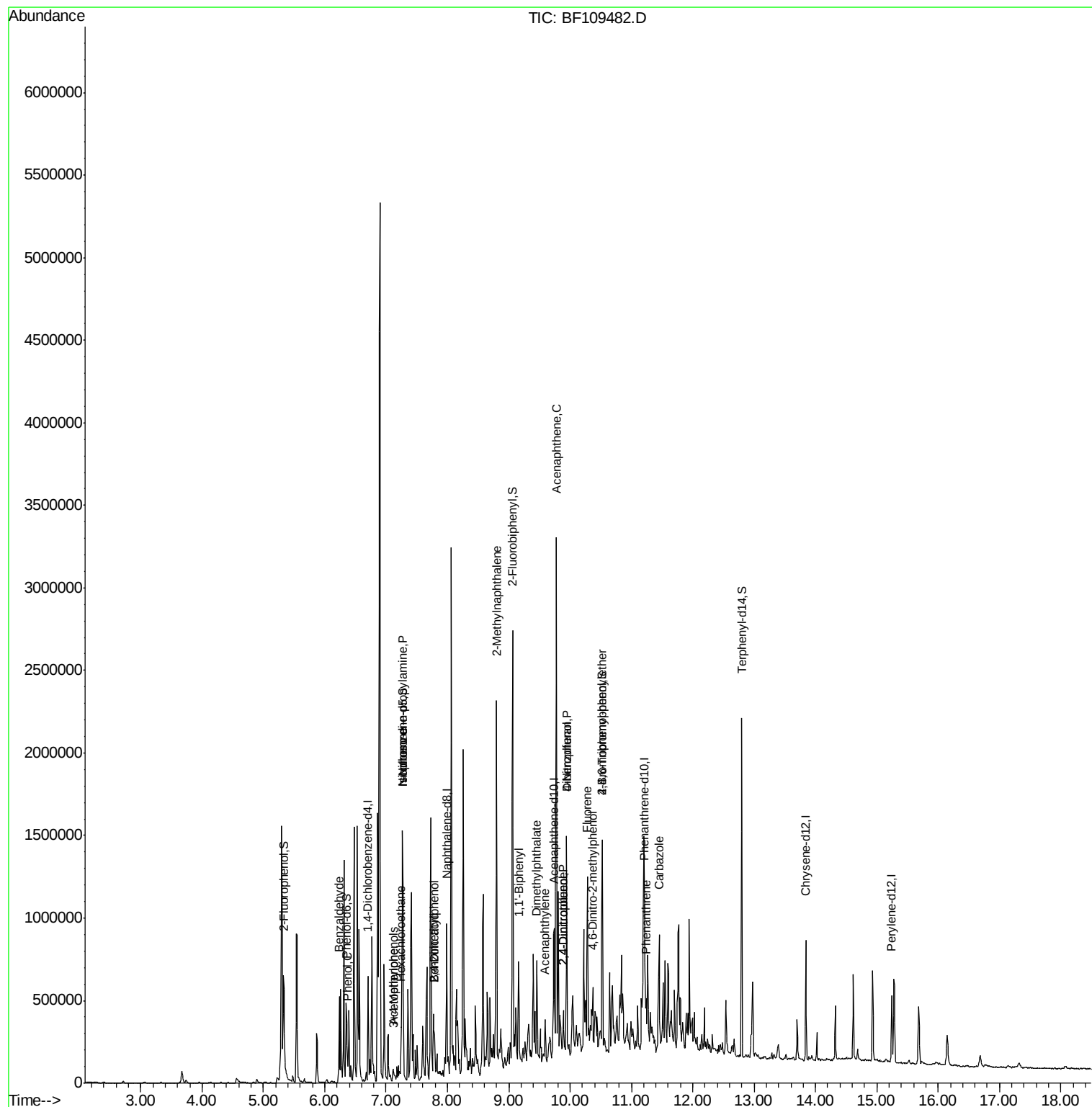
| Target Compounds               | R.T.  | QIon | Response | Conc    | Units | Qvalue |
|--------------------------------|-------|------|----------|---------|-------|--------|
| 9) Benzaldehyde                | 6.23  | 77   | 23272    | 4.618   | ng    | # 1    |
| 10) Phenol                     | 6.37  | 94   | 24070    | 2.709   | ng    | 77     |
| 18) Hexachloroethane           | 7.25  | 117  | 22473    | 8.044   | ng    | # 1    |
| 19) n-Nitroso-di-n-propylamine | 7.27  | 70   | 59934    | 11.660  | ng    | # 78   |
| 20) 3+4-Methylphenols          | 7.13  | 107  | 13606    | 2.037   | ng    | # 78   |
| 22) Acetophenone               | 7.11  | 105  | 31533    | 3.704   | ng    | # 89   |
| 25) Isophorone                 | 7.27  | 82   | 433294   | 38.574  | ng    | # 64   |
| 27) 2,4-Dimethylphenol         | 7.79  | 122  | 21087    | 4.308   | ng    | 98     |
| 32) Benzoic acid               | 7.79  | 122  | 21087    | 12.239  | ng    | # 36   |
| 37) 2-Methylnaphthalene        | 8.80  | 142  | 614009   | 55.351  | ng    | 94     |
| 45) 1,1'-Biphenyl              | 9.16  | 154  | 155814   | 12.012  | ng    | 99     |
| 48) Acenaphthylene             | 9.60  | 152  | 53273    | 3.408   | ng    | 97     |
| 49) Dimethylphthalate          | 9.46  | 163  | 240532   | 20.773  | ng    | 99     |
| 51) Acenaphthene               | 9.77  | 154  | 697576   | 73.807  | ng    | 100    |
| 53) 2,4-Dinitrophenol          | 9.89  | 184  | 808      | 9.390   | ng    | # 1    |
| 54) Dibenzofuran               | 9.95  | 168  | 533579   | 37.961  | ng    | 99     |
| 55) 4-Nitrophenol              | 9.94  | 139  | 209973   | 104.952 | ng    | # 11   |
| 56) 2,4-Dinitrotoluene         | 9.89  | 165  | 6922     | 2.386   | ng    | # 72   |
| 57) Fluorene                   | 10.28 | 166  | 247034   | 24.632  | ng    | # 96   |
| 64) 4,6-Dinitro-2-methylphenol | 10.36 | 198  | 1145     | 7.481   | ng    | # 1    |
| 66) 4-Bromophenyl-phenylether  | 10.53 | 248  | 9251     | 3.238   | ng    | # 1    |
| 70) Phenanthrene               | 11.24 | 178  | 88328    | 6.876   | ng    | 99     |
| 72) Carbazole                  | 11.45 | 167  | 218618   | 16.864  | ng    | 99     |

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

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BNA\_F  
ClientSampleId :  
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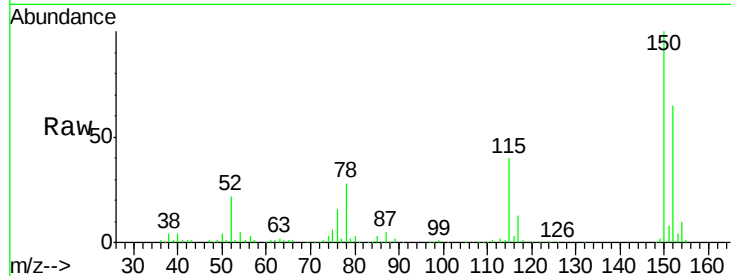


#1

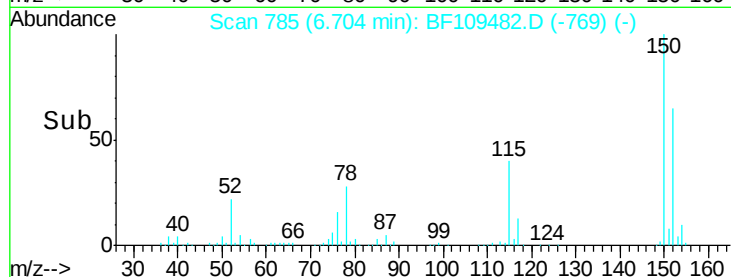
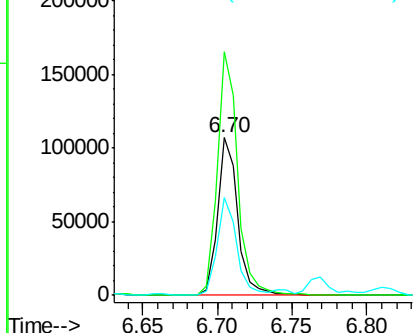
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.70 min Scan# 785  
Delta R.T. -0.01 min  
Lab File: BF109482.D  
Acq: 1 Oct 2018 19:32

Instrument :  
BNA\_F  
ClientSampleId :  
QNWP8-MW30D-GW

Tgt Ion:152 Resp: 101254  
Ion Ratio Lower Upper  
152 100  
150 154.8 124.6 186.8  
115 62.2 50.1 75.1



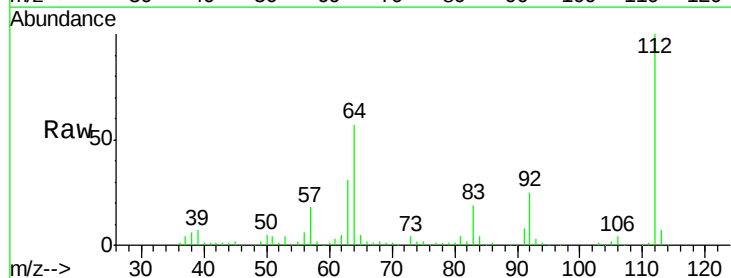
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



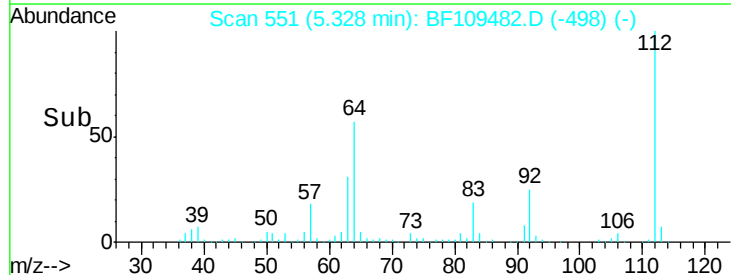
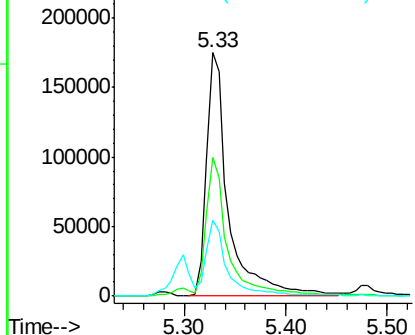
#5

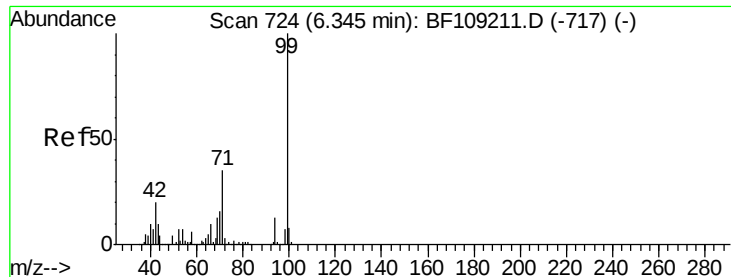
2-Fluorophenol  
Concen: 43.087 ng  
RT: 5.33 min Scan# 551  
Delta R.T. 0.01 min  
Lab File: BF109482.D  
Acq: 1 Oct 2018 19:32

Tgt Ion:112 Resp: 264876  
Ion Ratio Lower Upper  
112 100  
64 57.1 47.9 71.9  
63 31.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 25.931 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109482.D

Acq: 1 Oct 2018 19:32

Instrument :

BNA\_F

ClientSampleId :

QNWP8-MW30D-GW

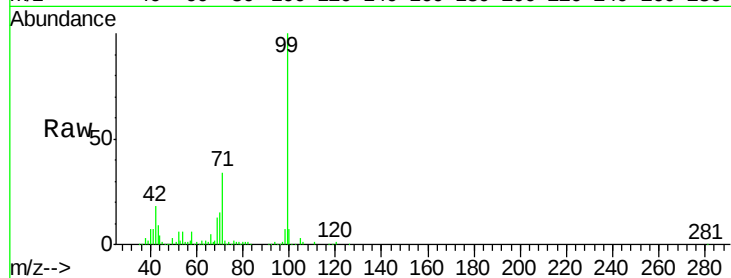
Tgt Ion: 99 Resp: 203416

Ion Ratio Lower Upper

99 100

42 17.9 14.5 21.7

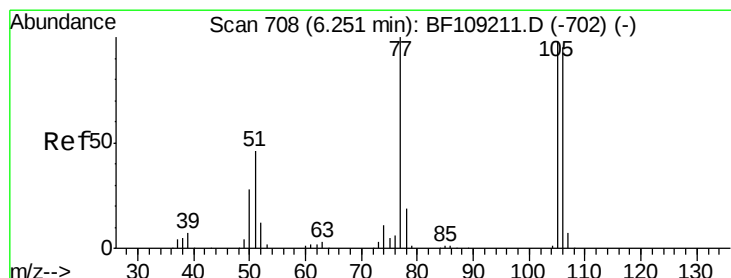
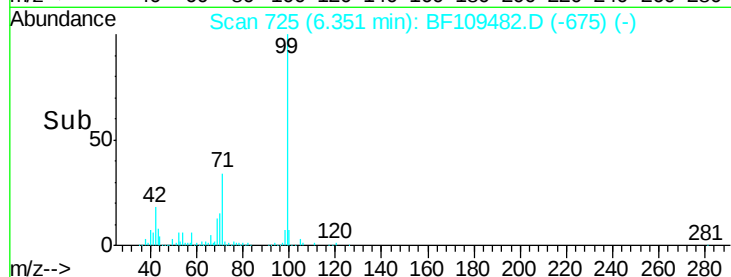
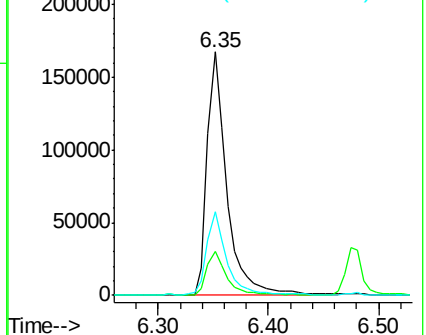
71 34.5 25.4 38.0



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: 4.618 ng

RT: 6.23 min Scan# 705

Delta R.T. -0.02 min

Lab File: BF109482.D

Acq: 1 Oct 2018 19:32

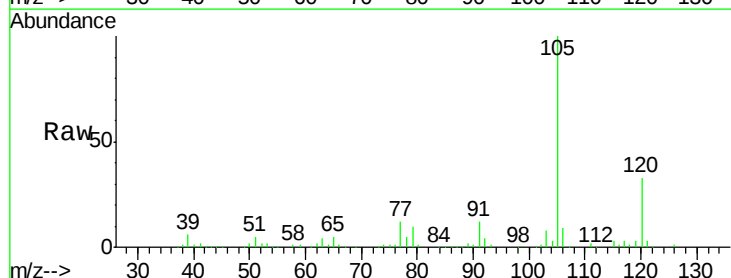
Tgt Ion: 77 Resp: 23272

Ion Ratio Lower Upper

77 100

105 839.9 81.1 121.1#

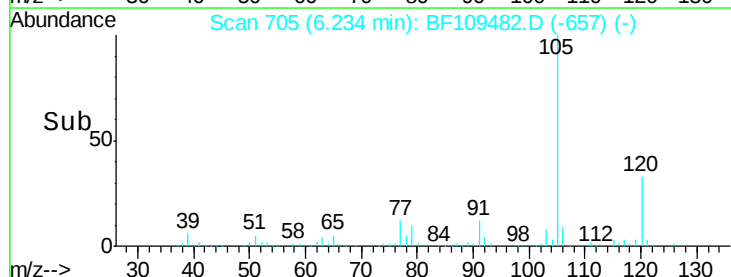
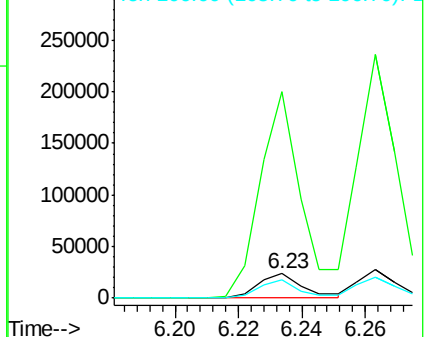
106 72.6 74.5 114.5#

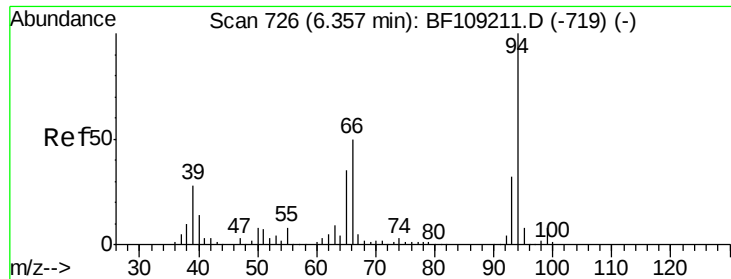


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 2.709 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF109482.D

Acq: 1 Oct 2018 19:32

Instrument :

BNA\_F

ClientSampleId :

QNWP8-MW30D-GW

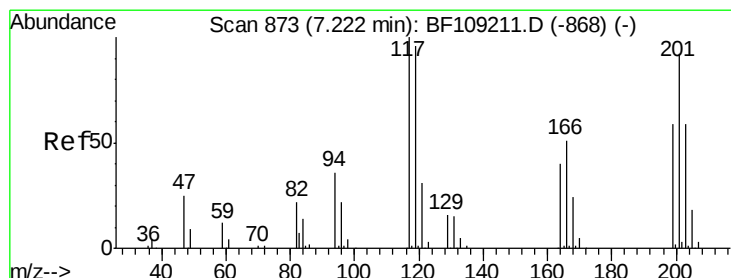
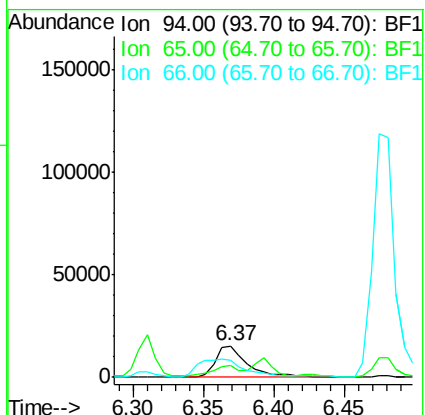
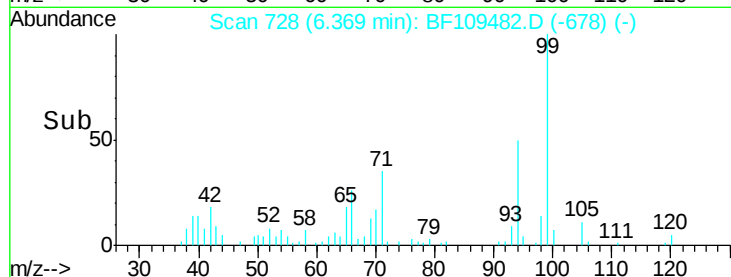
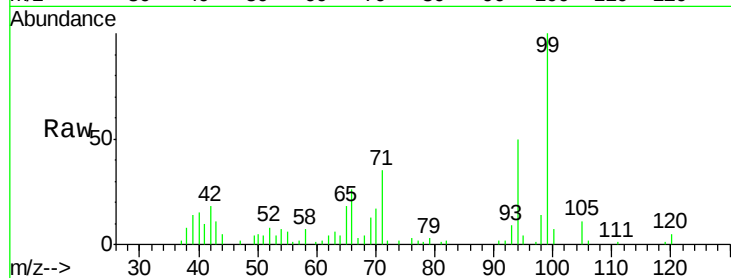
Tgt Ion: 94 Resp: 24070

Ion Ratio Lower Upper

94 100

65 36.3 7.9 47.9

66 52.8 16.2 56.2



#18

Hexachloroethane

Concen: 8.044 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.02 min

Lab File: BF109482.D

Acq: 1 Oct 2018 19:32

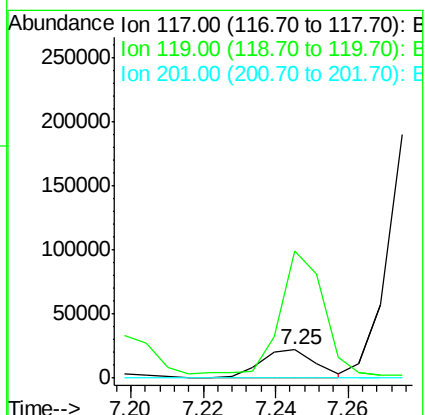
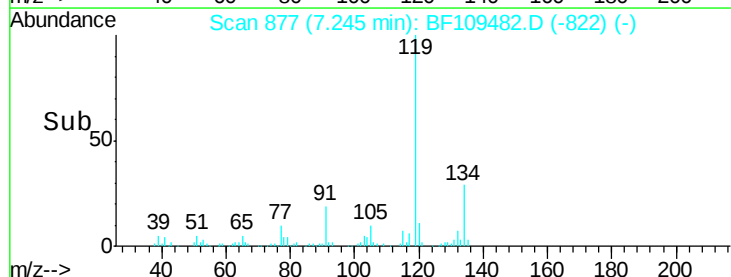
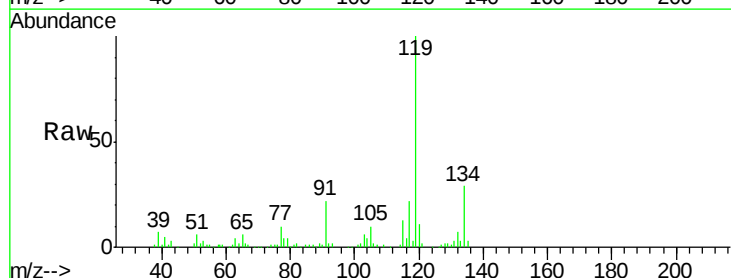
Tgt Ion: 117 Resp: 22473

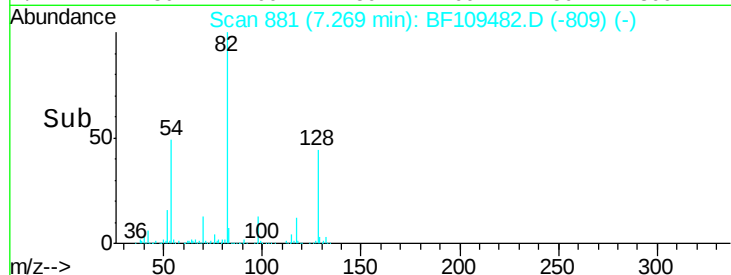
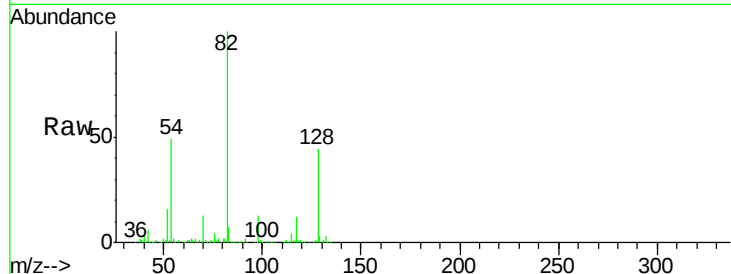
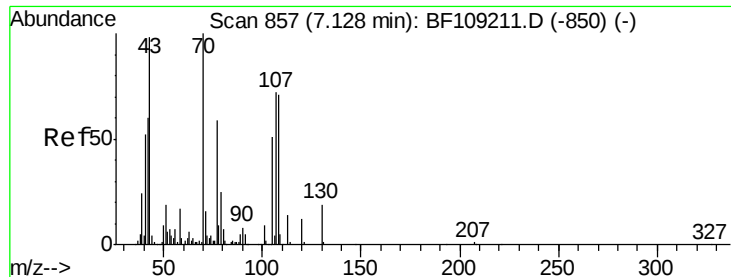
Ion Ratio Lower Upper

117 100

119 450.9 75.8 113.8#

201 0.0 75.7 113.5#

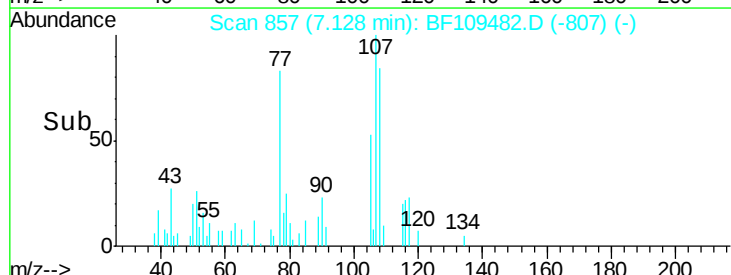
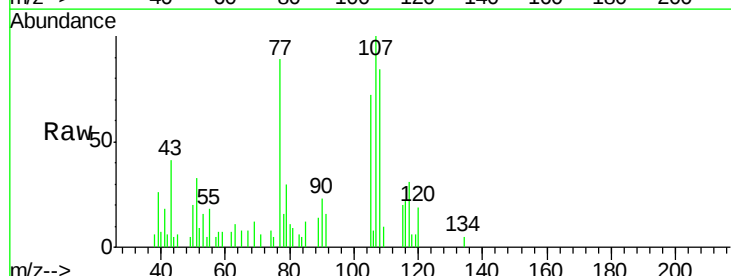
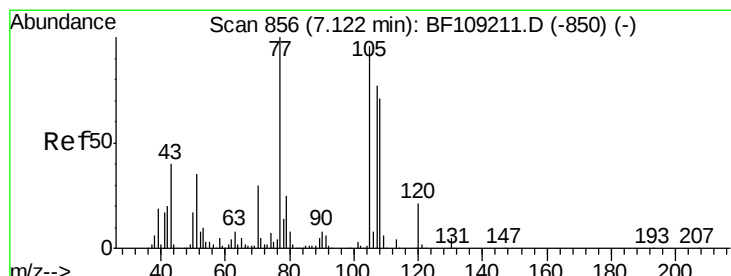
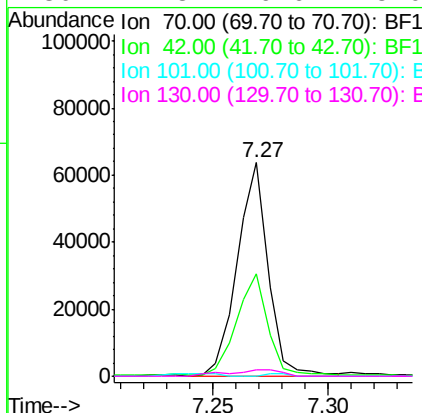




#19  
n-Nitroso-di-n-propylamine  
Concen: 11.660 ng  
RT: 7.27 min Scan# 881  
Delta R.T. 0.12 min  
Lab File: BF109482.D  
Acq: 1 Oct 2018 19:32

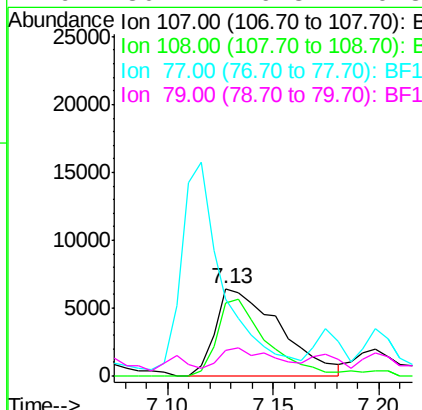
Instrument :  
BNA\_F  
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QNWP8-MW30D-GW

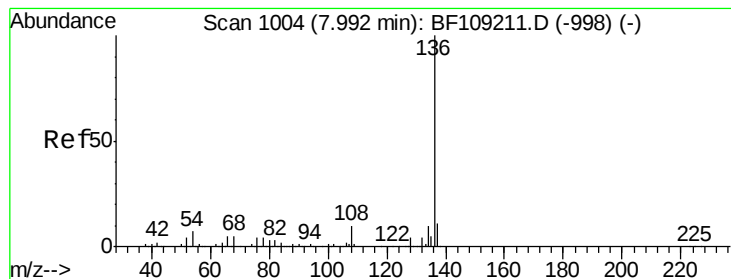
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 59934 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 48.0  | 47.5  | 71.3  |
| 101      | 0.0   | 7.4   | 11.2# |
| 130      | 2.8   | 16.6  | 25.0# |



#20  
3+4-Methylphenols  
Concen: 2.037 ng  
RT: 7.13 min Scan# 857  
Delta R.T. -0.01 min  
Lab File: BF109482.D  
Acq: 1 Oct 2018 19:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 13606 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 83.8  | 68.2  | 108.2 |
| 77       | 88.6  | 26.7  | 66.7# |
| 79       | 30.1  | 6.3   | 46.3  |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109482.D

Acq: 1 Oct 2018 19:32

Instrument :

BNA\_F

ClientSampleId :

QNWP8-MW30D-GW

Tgt Ion:136 Resp: 368236

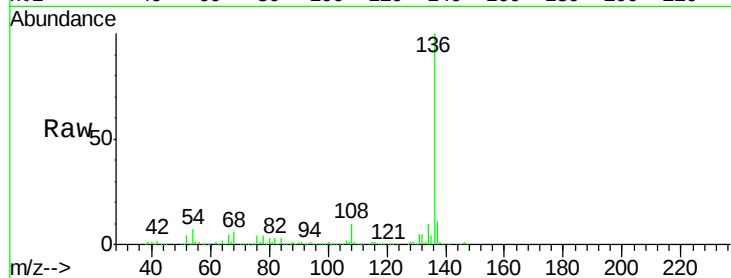
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.2 6.6 9.8

68 5.6 5.0 7.4

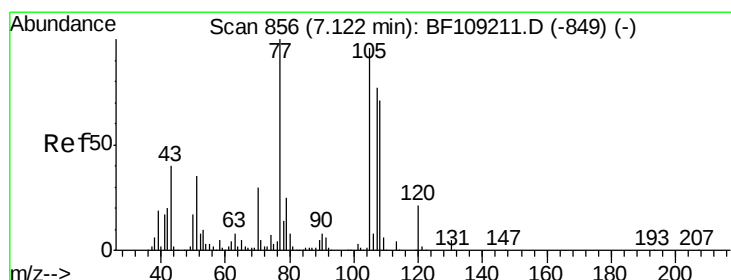
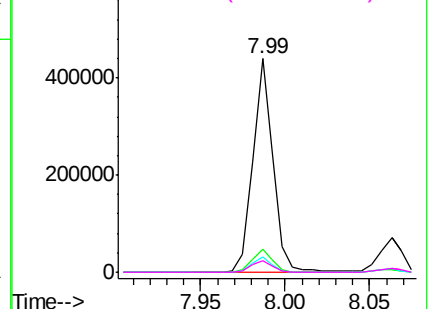
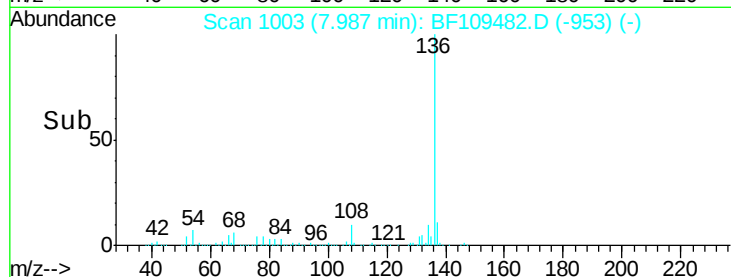


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.704 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.02 min

Lab File: BF109482.D

Acq: 1 Oct 2018 19:32

Tgt Ion:105 Resp: 31533

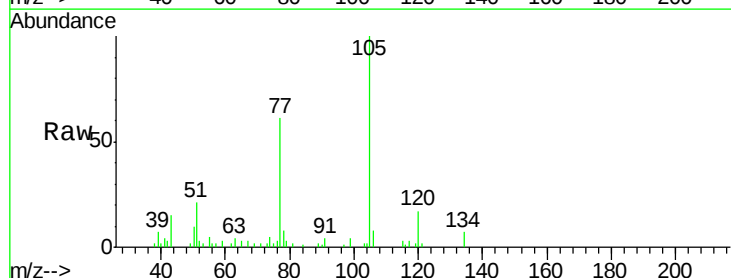
Ion Ratio Lower Upper

105 100

71 1.9 4.4 6.6#

51 20.6 22.3 33.5#

120 17.2 16.9 25.3

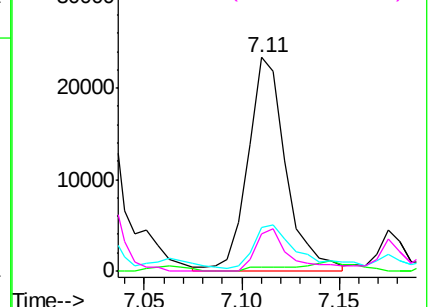
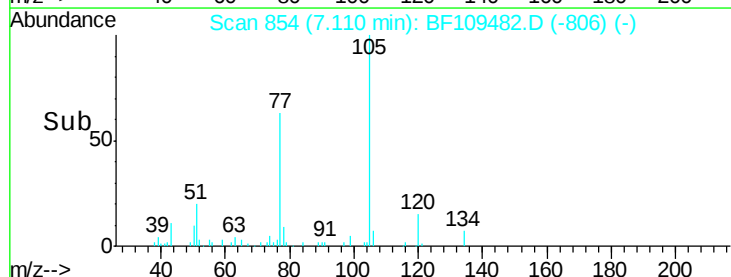


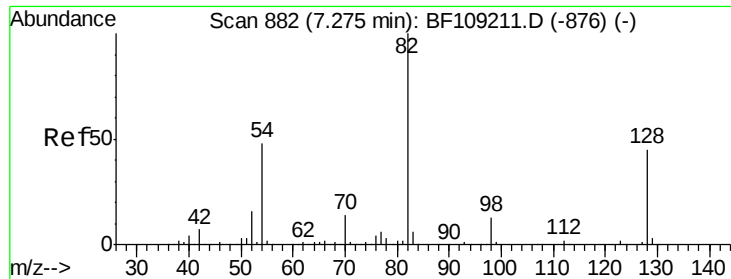
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

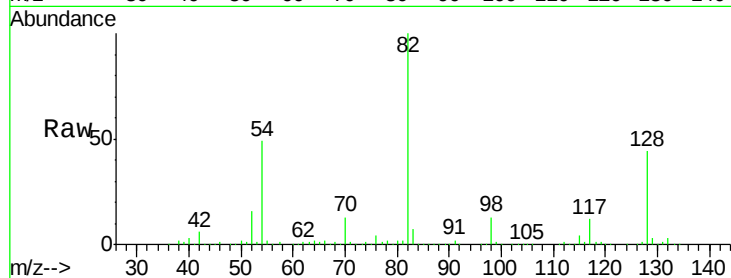




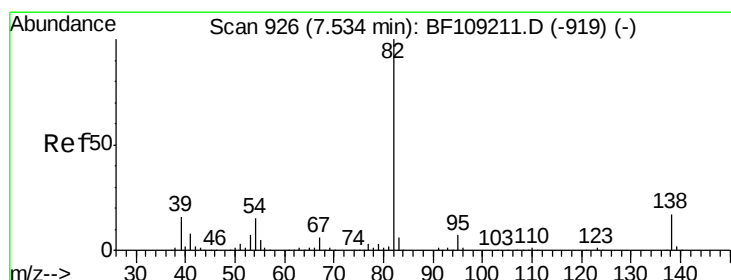
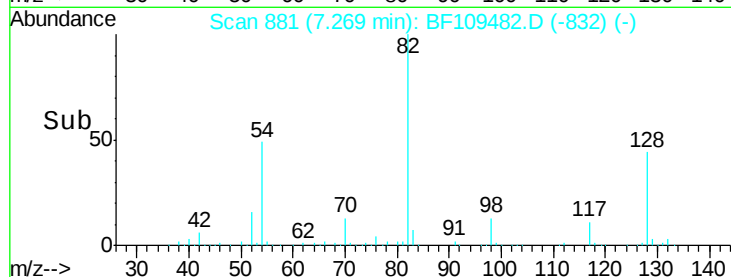
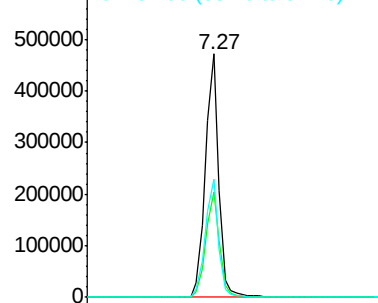
#23  
 Nitrobenzene-d5  
 Concen: 71.909 ng  
 RT: 7.27 min Scan# 881  
 Delta R.T. -0.01 min  
 Lab File: BF109482.D  
 Acq: 1 Oct 2018 19:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 QNWP8-MW30D-GW

Tgt Ion: 82 Resp: 448565  
 Ion Ratio Lower Upper  
 82 100  
 128 43.5 36.1 54.1  
 54 48.7 41.4 62.2

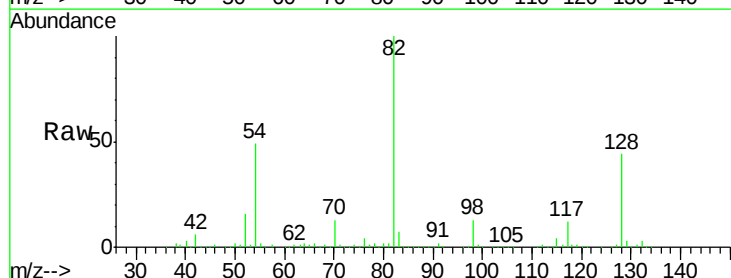


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

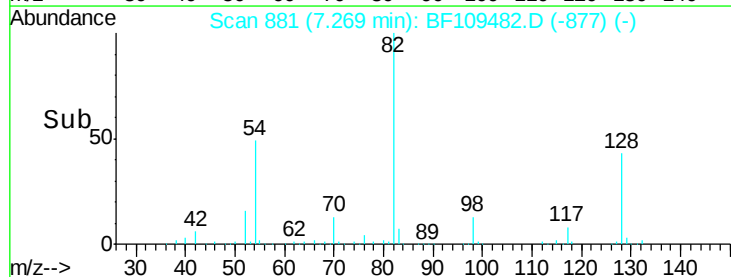
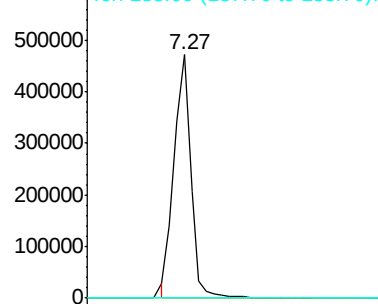


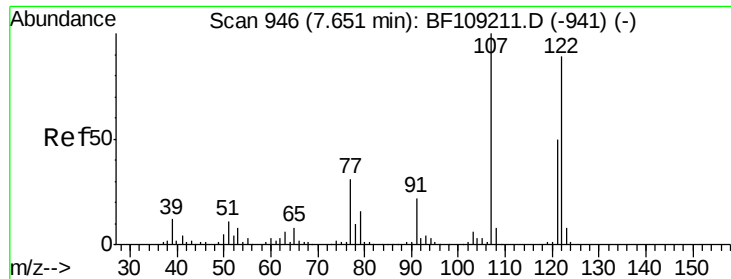
#25  
 Isophorone  
 Concen: 38.574 ng  
 RT: 7.27 min Scan# 881  
 Delta R.T. -0.28 min  
 Lab File: BF109482.D  
 Acq: 1 Oct 2018 19:32

Tgt Ion: 82 Resp: 433294  
 Ion Ratio Lower Upper  
 82 100  
 95 0.0 5.2 7.8#  
 138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 95.00 (94.70 to 95.70): BF1  
 Ion 138.00 (137.70 to 138.70): BF1

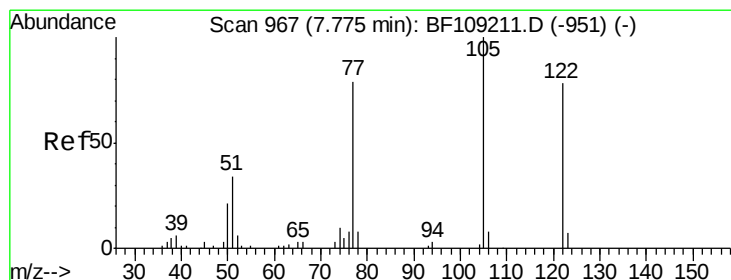
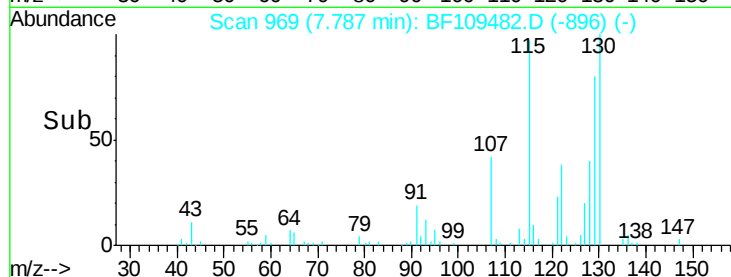
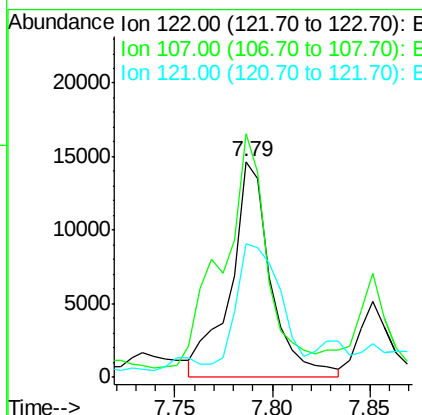
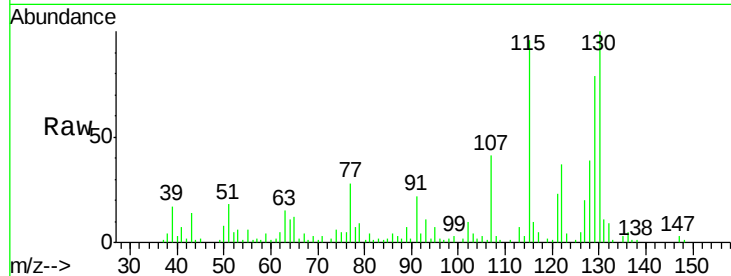




#27  
2,4-Dimethylphenol  
Concen: 4.308 ng  
RT: 7.79 min Scan# 969  
Delta R.T. 0.13 min  
Lab File: BF109482.D  
Acq: 1 Oct 2018 19:32

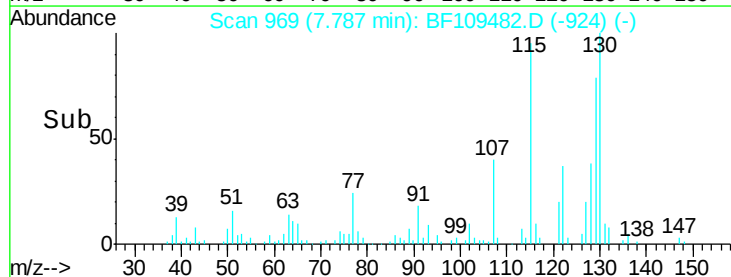
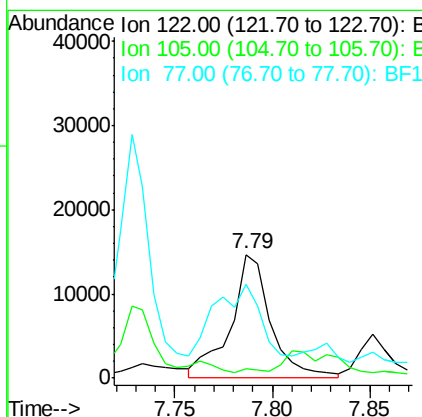
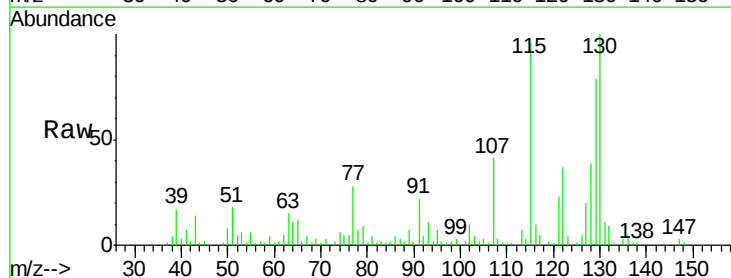
Instrument :  
BNA\_F  
ClientSampleId :  
QNWP8-MW30D-GW

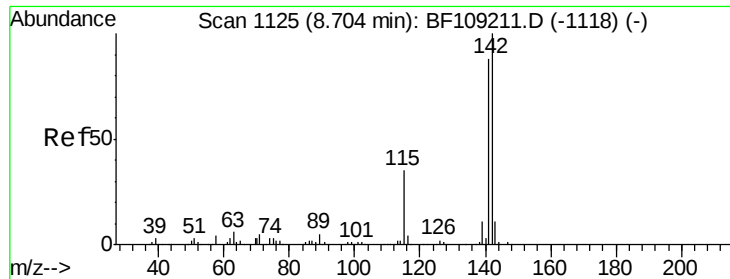
Tgt Ion:122 Resp: 21087  
Ion Ratio Lower Upper  
122 100  
107 112.7 91.2 136.8  
121 61.9 47.2 70.8



#32  
Benzoic acid  
Concen: 12.239 ng  
RT: 7.79 min Scan# 969  
Delta R.T. -0.03 min  
Lab File: BF109482.D  
Acq: 1 Oct 2018 19:32

Tgt Ion:122 Resp: 21087  
Ion Ratio Lower Upper  
122 100  
105 8.1 101.1 141.1#  
77 76.3 70.7 110.7

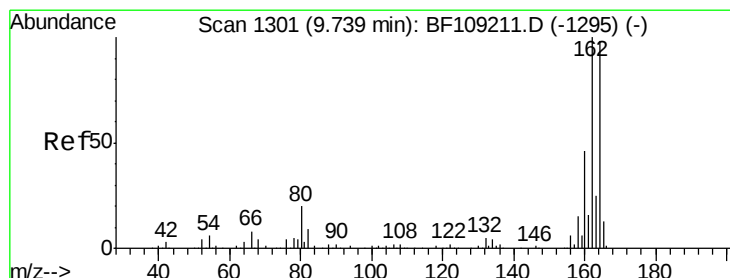
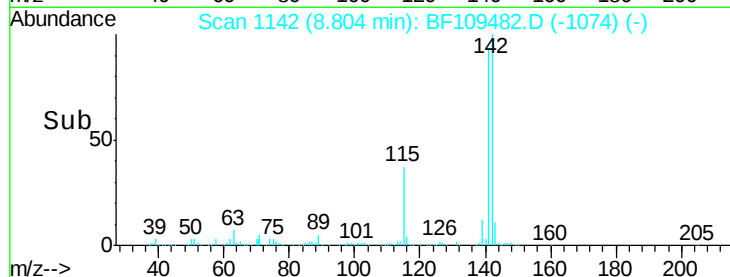
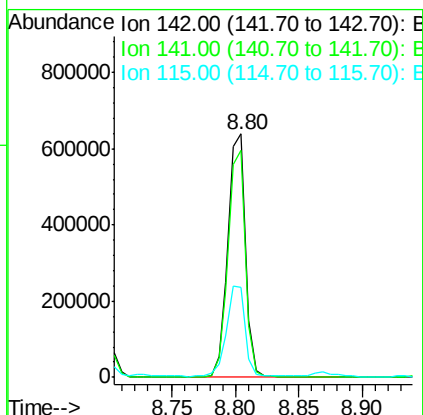
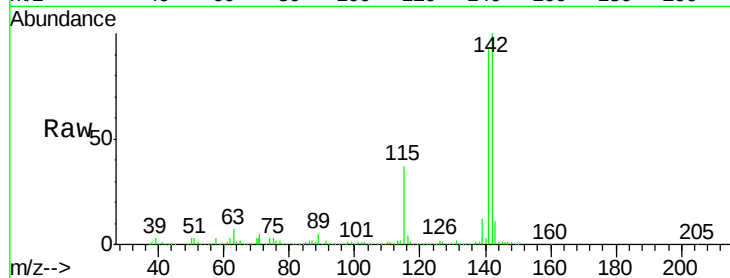




#37  
 2-Methylnaphthalene  
 Concen: 55.351 ng  
 RT: 8.80 min Scan# 1142  
 Delta R.T. 0.10 min  
 Lab File: BF109482.D  
 Acq: 1 Oct 2018 19:32

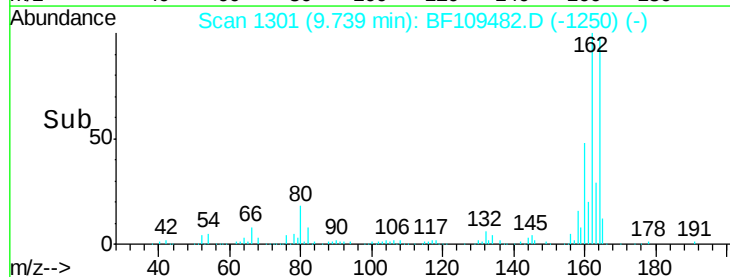
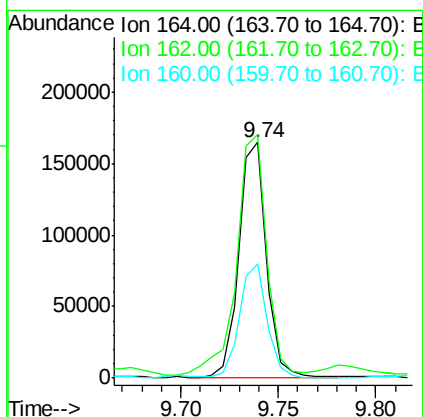
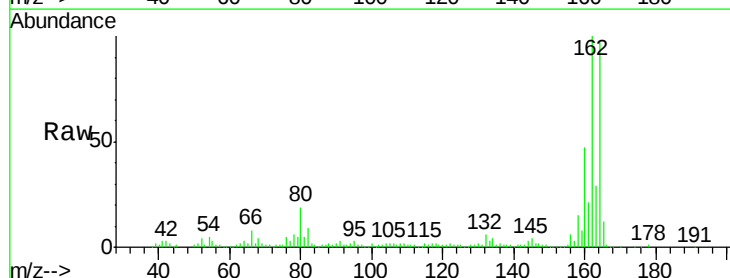
Instrument :  
 BNA\_F  
 ClientSampleId :  
 QNWP8-MW30D-GW

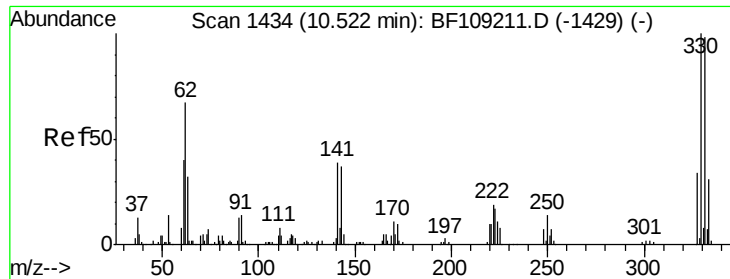
Tgt Ion:142 Resp: 614009  
 Ion Ratio Lower Upper  
 142 100  
 141 93.2 70.8 106.2  
 115 37.2 26.1 39.1



#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.74 min Scan# 1301  
 Delta R.T. 0.00 min  
 Lab File: BF109482.D  
 Acq: 1 Oct 2018 19:32

Tgt Ion:164 Resp: 159201  
 Ion Ratio Lower Upper  
 164 100  
 162 103.4 86.1 129.1  
 160 48.7 38.3 57.5

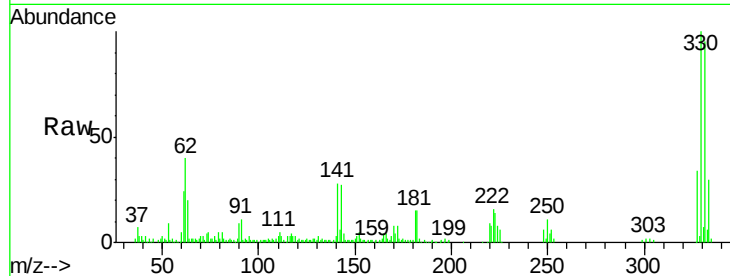




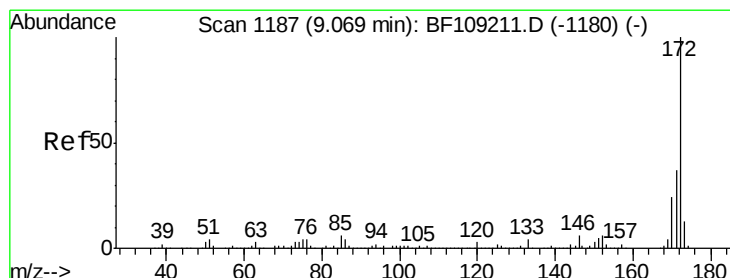
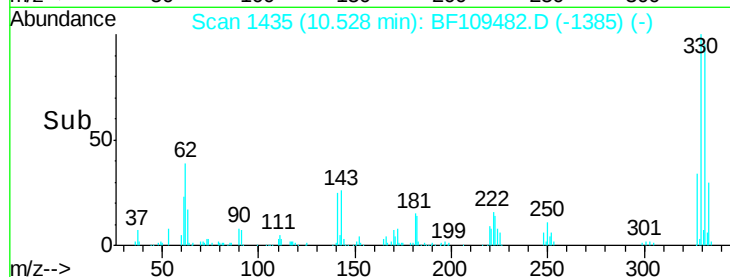
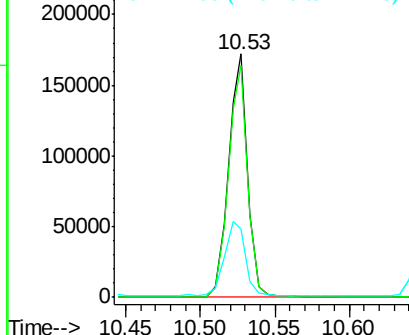
#41  
 2,4,6-Tribromophenol  
 Concen: 99.302 ng  
 RT: 10.53 min Scan# 1435  
 Delta R.T. -0.01 min  
 Lab File: BF109482.D  
 Acq: 1 Oct 2018 19:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 QNWP8-MW30D-GW

Tgt Ion:330 Resp: 155844  
 Ion Ratio Lower Upper  
 330 100  
 332 96.7 77.0 115.6  
 141 35.2 29.9 44.9

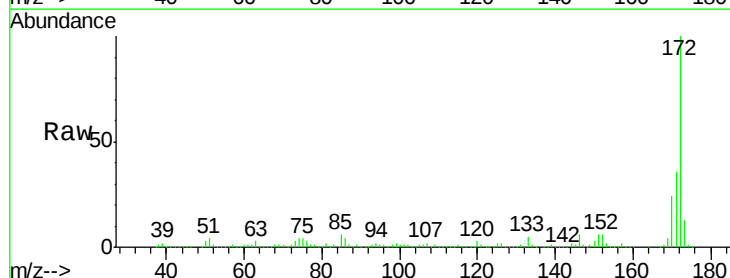


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

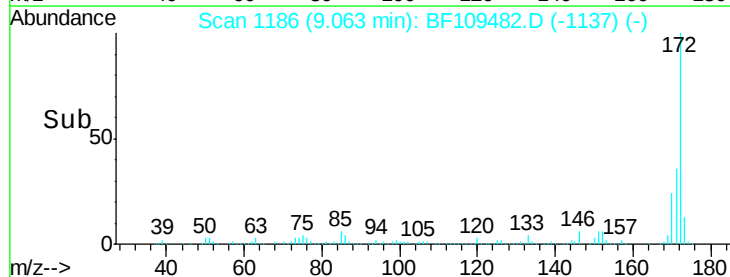
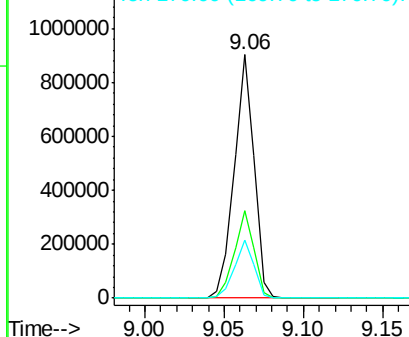


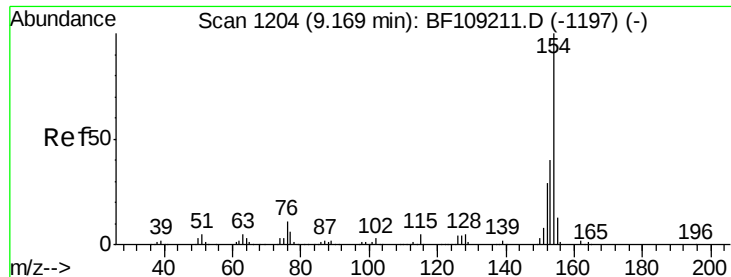
#44  
 2-Fluorobiphenyl  
 Concen: 74.421 ng  
 RT: 9.06 min Scan# 1186  
 Delta R.T. -0.01 min  
 Lab File: BF109482.D  
 Acq: 1 Oct 2018 19:32

Tgt Ion:172 Resp: 785567  
 Ion Ratio Lower Upper  
 172 100  
 171 36.2 29.7 44.5  
 170 24.0 19.6 29.4



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

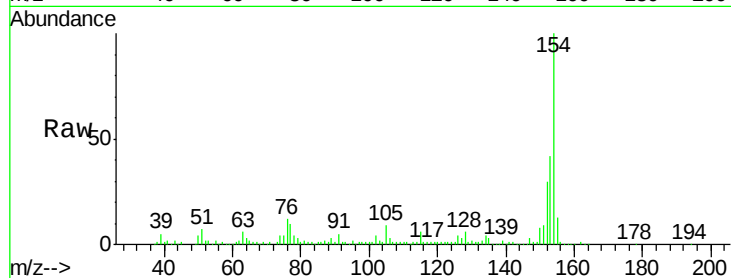




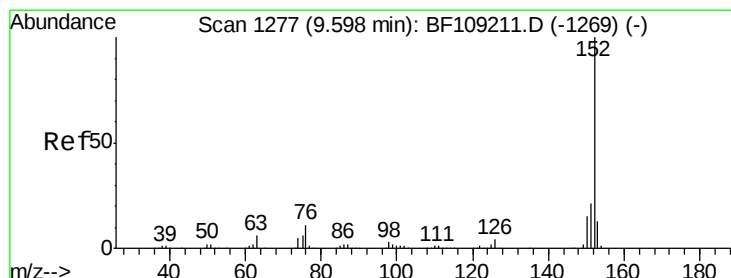
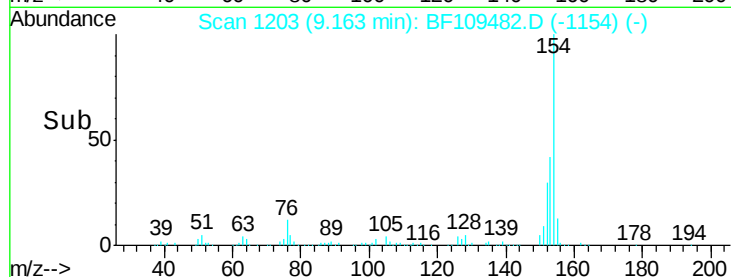
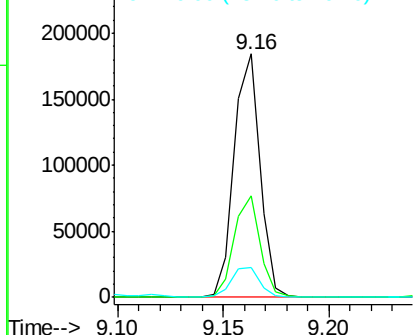
#45  
 1,1'-Biphenyl  
 Concen: 12.012 ng  
 RT: 9.16 min Scan# 1203  
 Delta R.T. -0.01 min  
 Lab File: BF109482.D  
 Acq: 1 Oct 2018 19:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 QNWP8-MW30D-GW

Tgt Ion:154 Resp: 155814  
 Ion Ratio Lower Upper  
 154 100  
 153 41.5 21.3 61.3  
 76 12.1 0.0 34.0

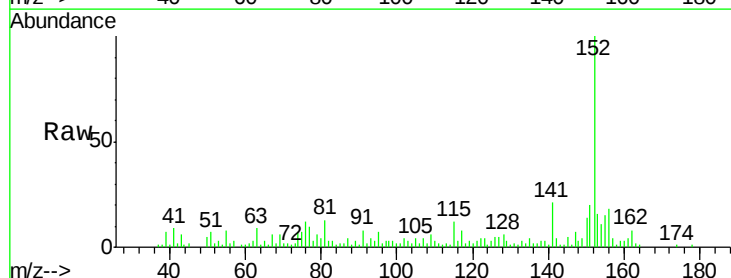


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF1

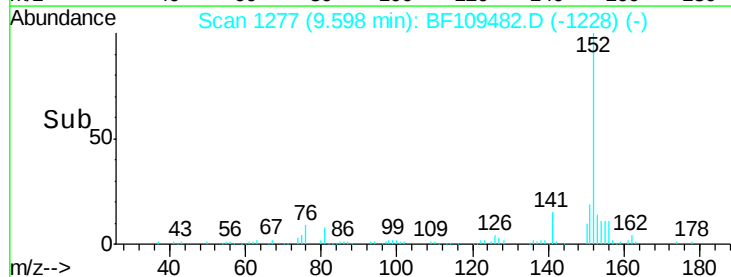
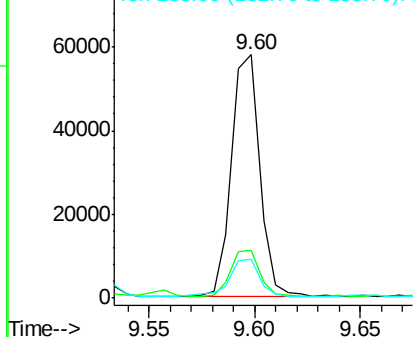


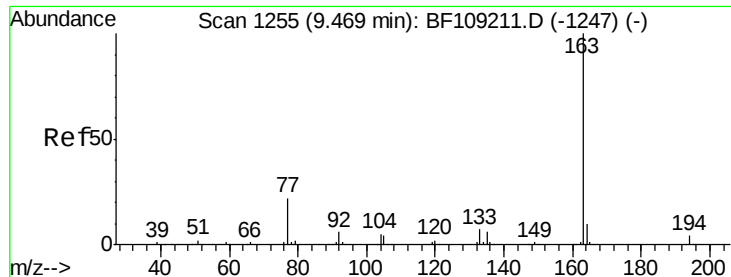
#48  
 Acenaphthylene  
 Concen: 3.408 ng  
 RT: 9.60 min Scan# 1277  
 Delta R.T. -0.01 min  
 Lab File: BF109482.D  
 Acq: 1 Oct 2018 19:32

Tgt Ion:152 Resp: 53273  
 Ion Ratio Lower Upper  
 152 100  
 151 19.8 16.3 24.5  
 153 15.9 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

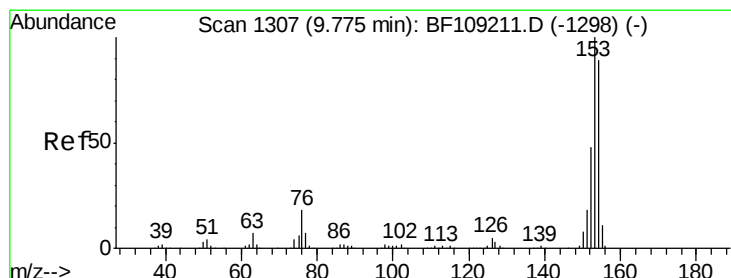
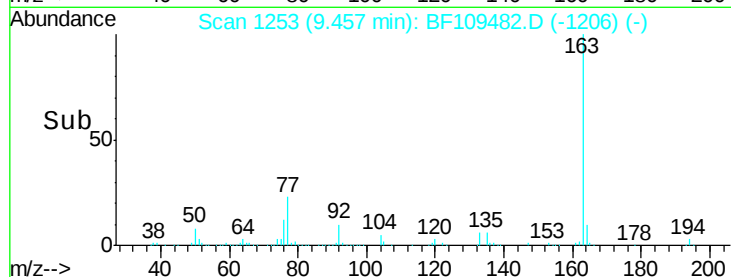
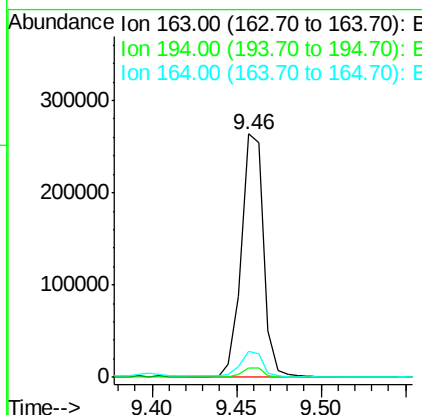
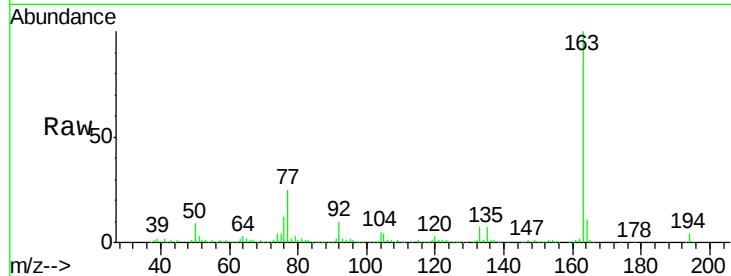




#49  
Dimethylphthalate  
Concen: 20.773 ng  
RT: 9.46 min Scan# 1253  
Delta R.T. -0.02 min  
Lab File: BF109482.D  
Acq: 1 Oct 2018 19:32

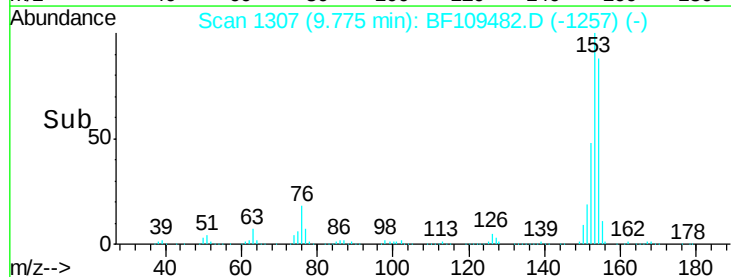
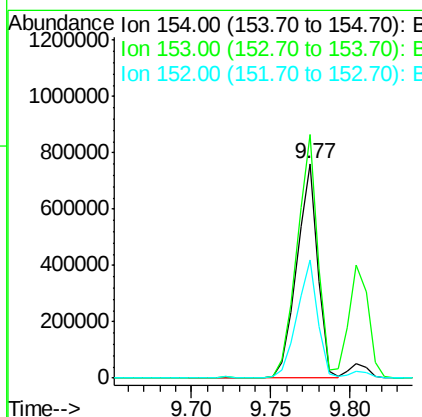
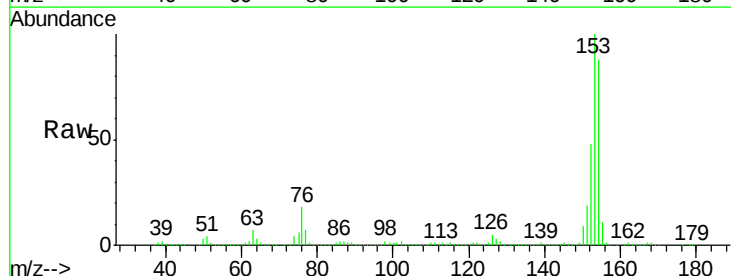
Instrument :  
BNA\_F  
ClientSampleId :  
QNWP8-MW30D-GW

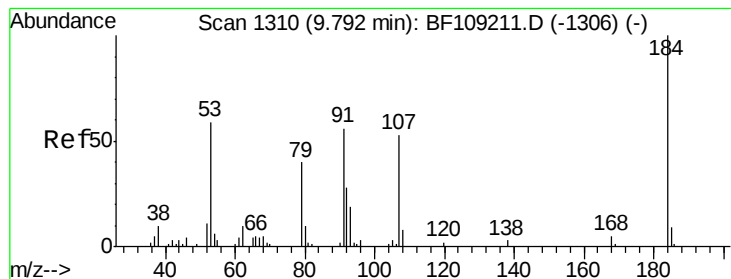
Tgt Ion:163 Resp: 240532  
Ion Ratio Lower Upper  
163 100  
194 3.8 2.7 4.1  
164 10.6 8.2 12.2



#51  
Acenaphthene  
Concen: 73.807 ng  
RT: 9.77 min Scan# 1307  
Delta R.T. -0.01 min  
Lab File: BF109482.D  
Acq: 1 Oct 2018 19:32

Tgt Ion:154 Resp: 697576  
Ion Ratio Lower Upper  
154 100  
153 113.7 91.2 136.8  
152 54.9 43.8 65.8





#53

2,4-Dinitrophenol

Concen: 9.390 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.08 min

Lab File: BF109482.D

Acq: 1 Oct 2018 19:32

Instrument :

BNA\_F

ClientSampleId :

QNWP8-MW30D-GW

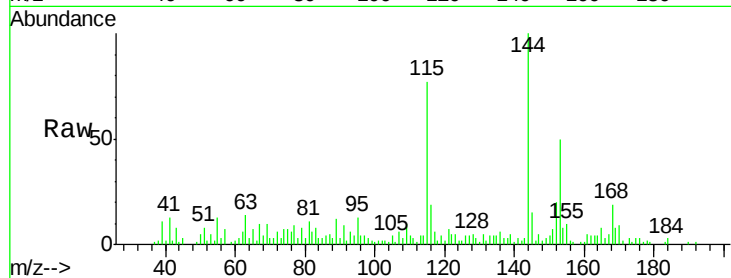
Tgt Ion:184 Resp: 808

Ion Ratio Lower Upper

184 100

63 545.2 54.2 81.2#

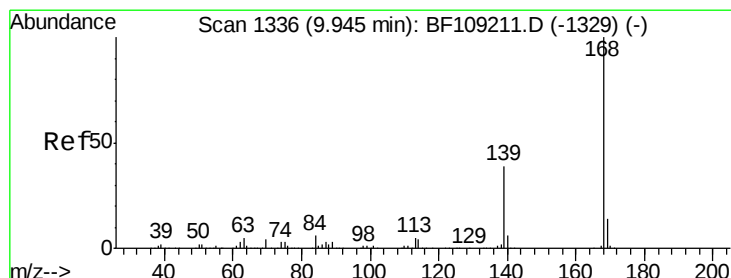
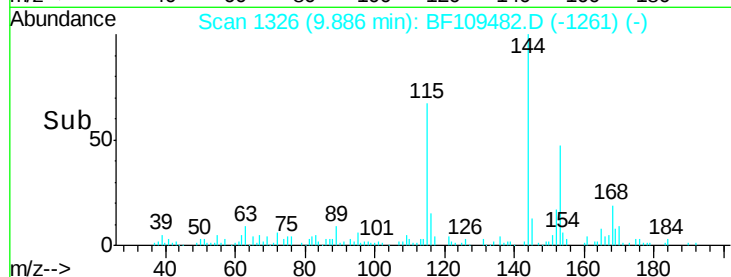
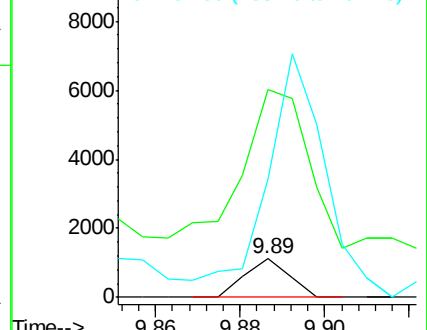
154 308.2 184.0 276.0#



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: 37.961 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF109482.D

Acq: 1 Oct 2018 19:32

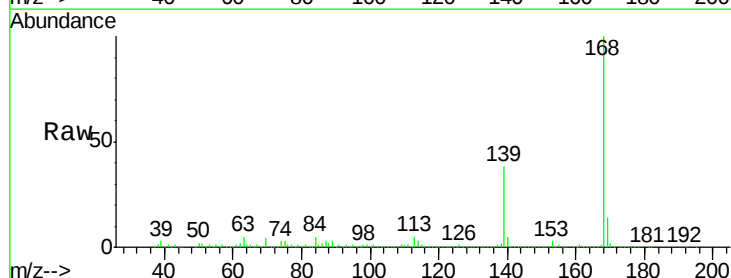
Tgt Ion:168 Resp: 533579

Ion Ratio Lower Upper

168 100

139 38.3 30.1 45.1

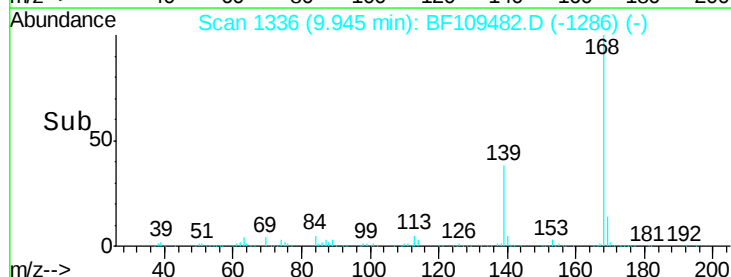
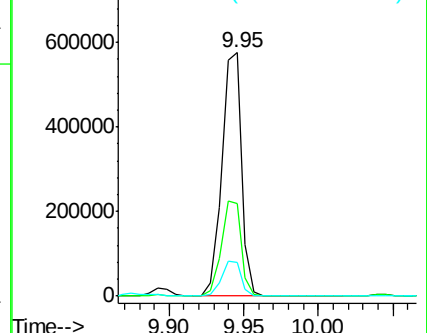
169 13.9 10.9 16.3

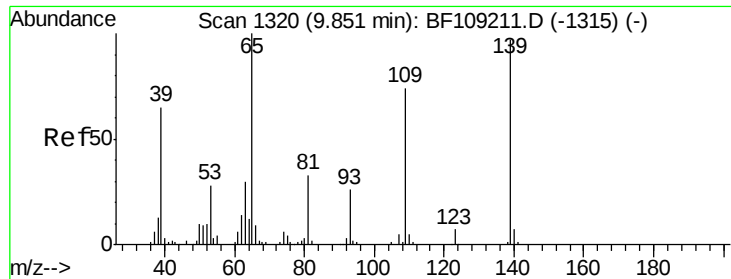


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 104.952 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.08 min

Lab File: BF109482.D

Acq: 1 Oct 2018 19:32

Instrument :

BNA\_F

ClientSampleId :

QNWP8-MW30D-GW

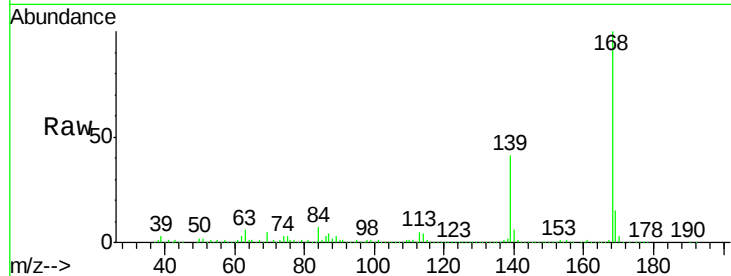
Tgt Ion:139 Resp: 209973

Ion Ratio Lower Upper

139 100

109 2.4 48.4 88.4#

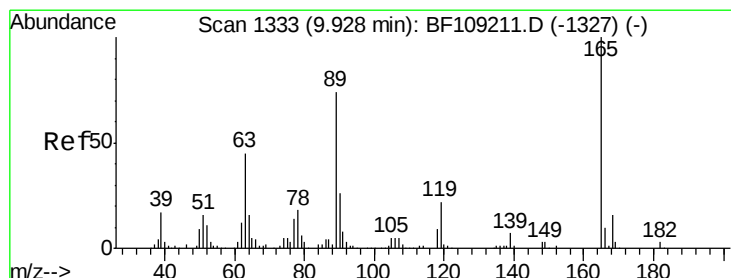
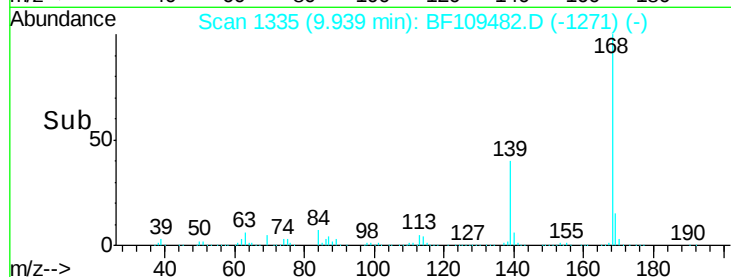
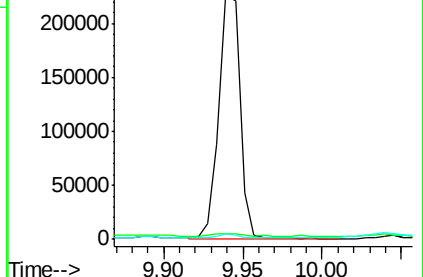
65 2.2 72.6 112.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 2.386 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.05 min

Lab File: BF109482.D

Acq: 1 Oct 2018 19:32

Tgt Ion:165 Resp: 6922

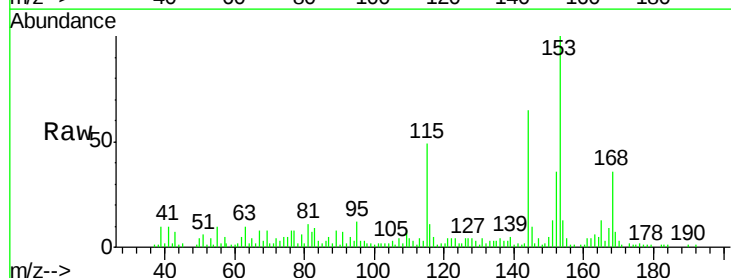
Ion Ratio Lower Upper

165 100

63 81.7 36.4 54.6#

89 63.6 57.8 86.6

182 10.2 1.6 2.4#

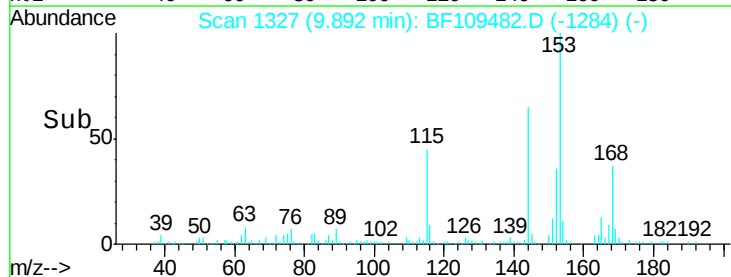
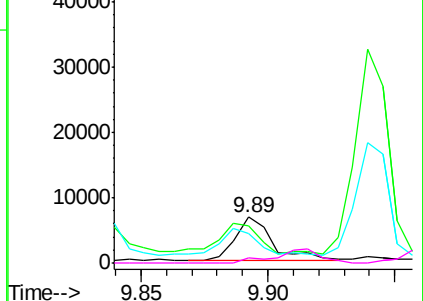


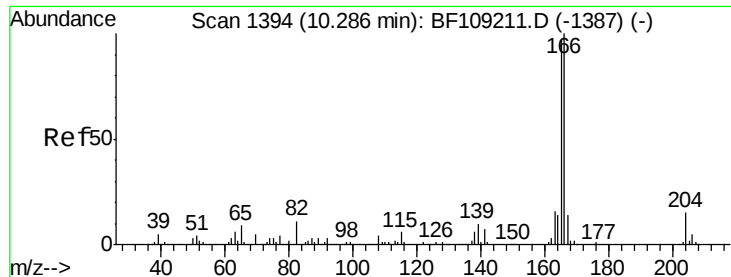
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

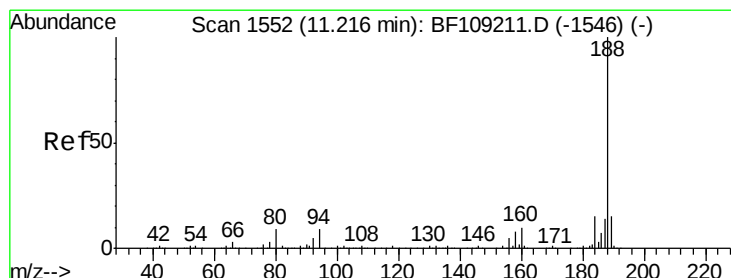
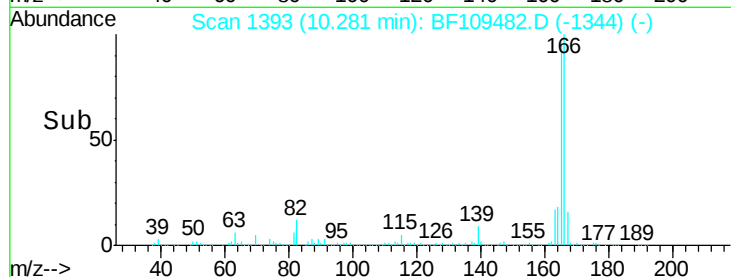
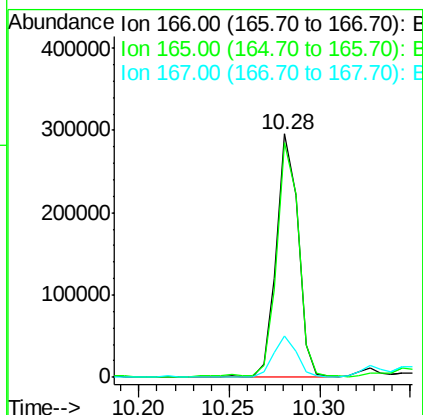
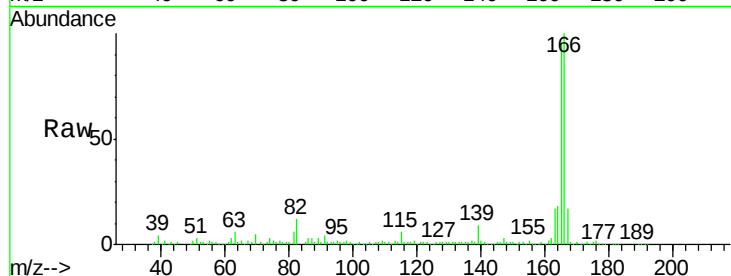




#57  
**Fluorene**  
 Concen: 24.632 ng  
 RT: 10.28 min Scan# 1393  
 Delta R.T. -0.01 min  
 Lab File: BF109482.D  
 Acq: 1 Oct 2018 19:32

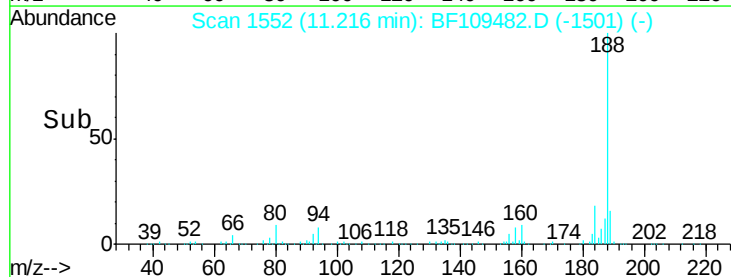
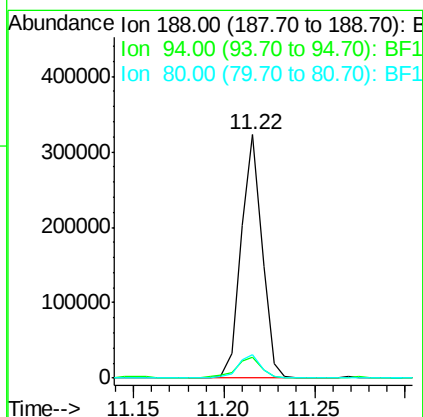
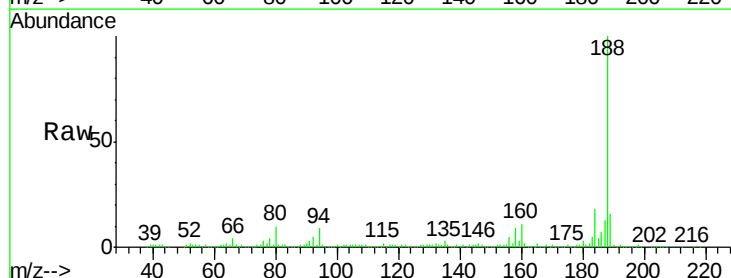
Instrument :  
 BNA\_F  
 ClientSampleId :  
 QNWP8-MW30D-GW

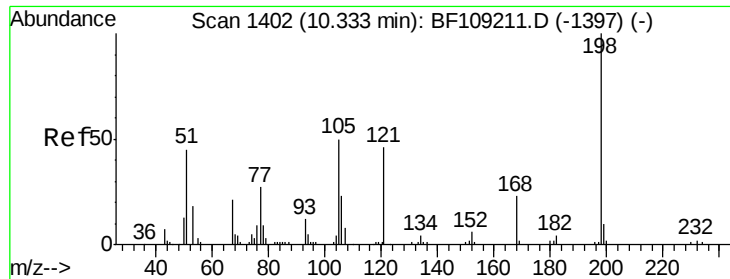
Tgt Ion:166 Resp: 247034  
 Ion Ratio Lower Upper  
 166 100  
 165 96.3 79.8 119.8  
 167 16.8 10.6 16.0#



#63  
**Phenanthrene-d10**  
 Concen: 20.000 ng  
 RT: 11.22 min Scan# 1552  
 Delta R.T. 0.00 min  
 Lab File: BF109482.D  
 Acq: 1 Oct 2018 19:32

Tgt Ion:188 Resp: 257284  
 Ion Ratio Lower Upper  
 188 100  
 94 8.8 8.5 12.7  
 80 9.6 9.2 13.8

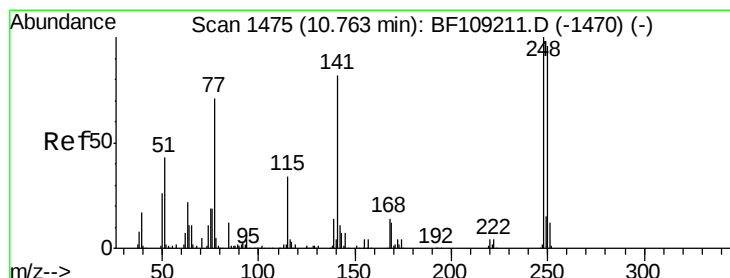
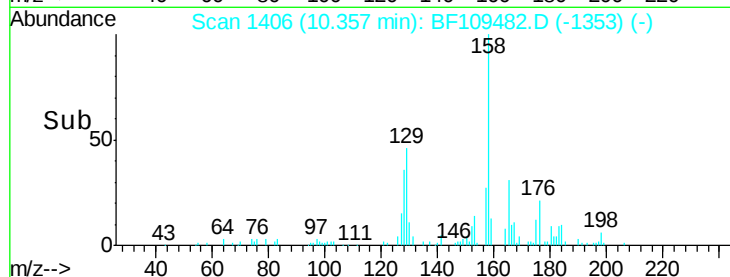
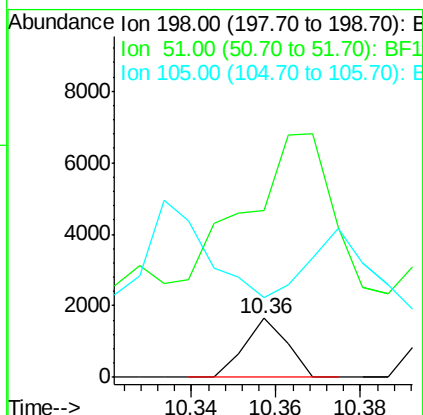
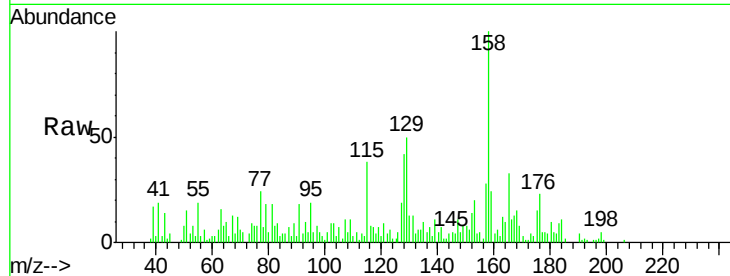




#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 7.481 ng  
 RT: 10.36 min Scan# 1406  
 Delta R.T. 0.01 min  
 Lab File: BF109482.D  
 Acq: 1 Oct 2018 19:32

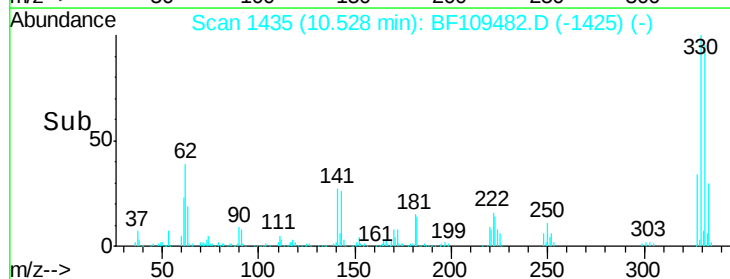
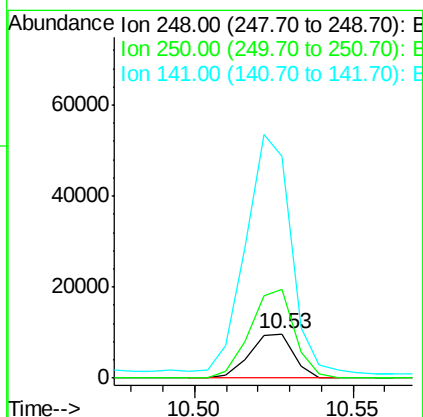
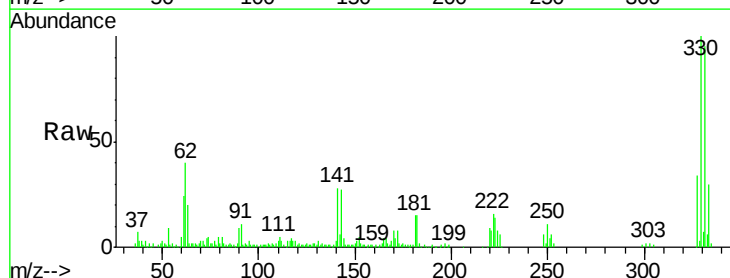
Instrument :  
 BNA\_F  
 ClientSampleId :  
 QNWP8-MW30D-GW

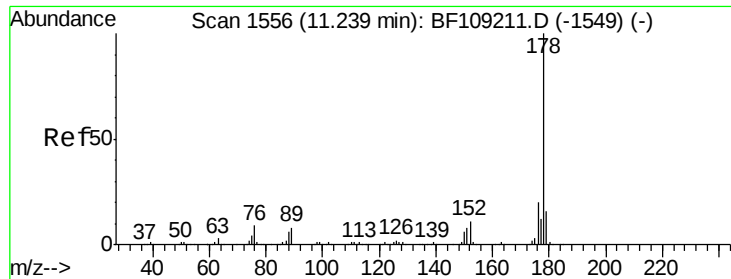
Tgt Ion:198 Resp: 1145  
 Ion Ratio Lower Upper  
 198 100  
 51 282.2 37.7 77.7#  
 105 134.5 36.3 76.3#



#66  
 4-Bromophenyl-phenylether  
 Concen: 3.238 ng  
 RT: 10.53 min Scan# 1435  
 Delta R.T. -0.24 min  
 Lab File: BF109482.D  
 Acq: 1 Oct 2018 19:32

Tgt Ion:248 Resp: 9251  
 Ion Ratio Lower Upper  
 248 100  
 250 201.7 76.9 115.3#  
 141 503.8 74.4 111.6#





#70

Phenanthrene

Concen: 6.876 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF109482.D

Acq: 1 Oct 2018 19:32

Instrument :

BNA\_F

ClientSampleId :

QNWP8-MW30D-GW

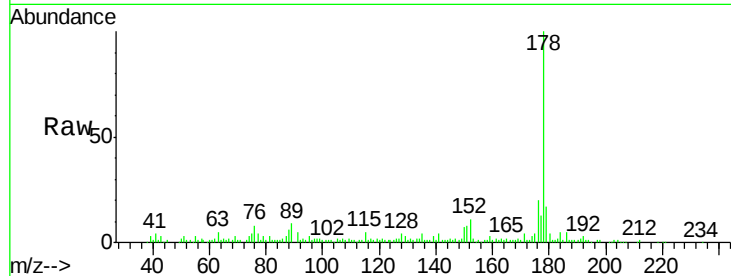
Tgt Ion:178 Resp: 88328

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

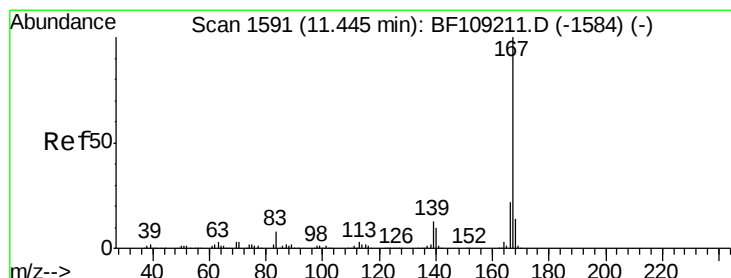
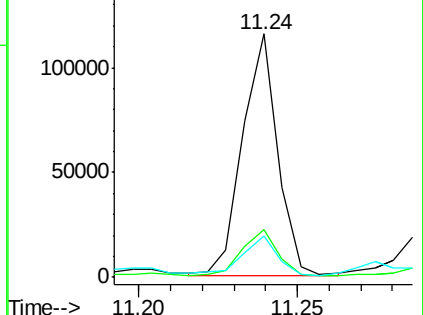
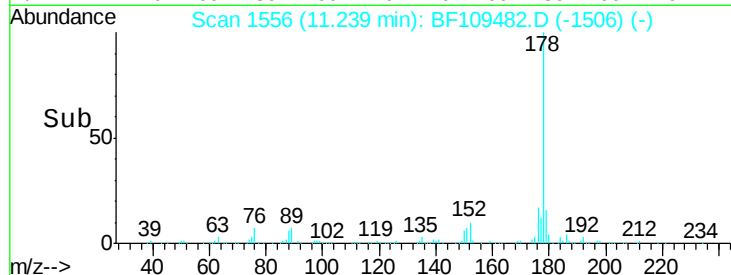
179 16.7 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 16.864 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BF109482.D

Acq: 1 Oct 2018 19:32

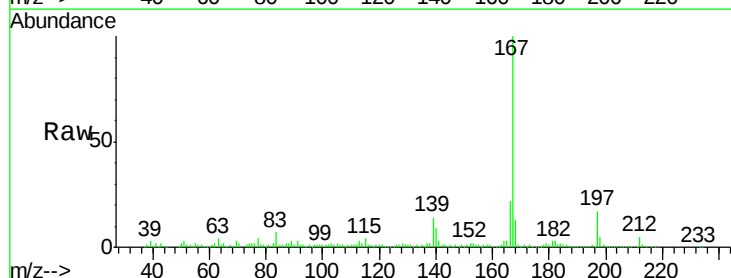
Tgt Ion:167 Resp: 218618

Ion Ratio Lower Upper

167 100

166 22.4 17.6 26.4

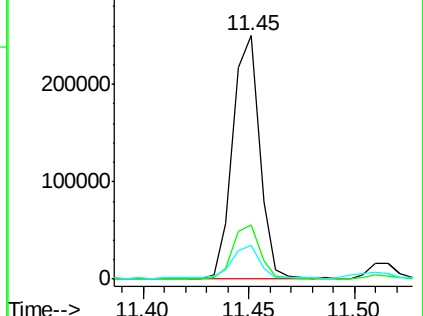
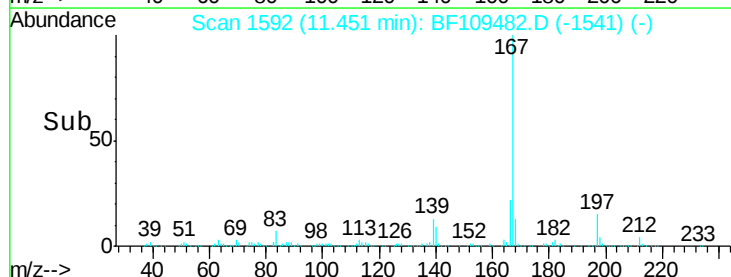
139 13.6 10.9 16.3

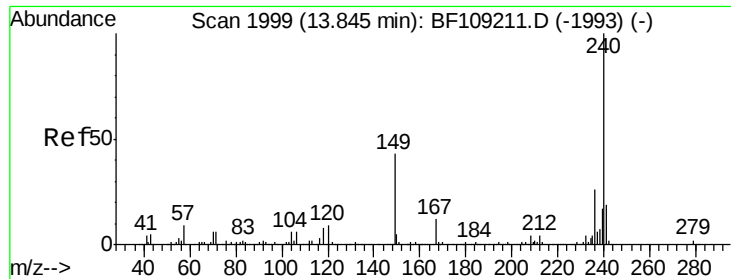


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF109482.D

Acq: 1 Oct 2018 19:32

Instrument :

BNA\_F

ClientSampleId :

QNWP8-MW30D-GW

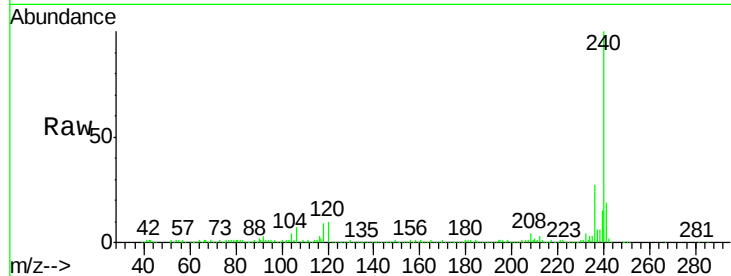
Tgt Ion:240 Resp: 234909

Ion Ratio Lower Upper

240 100

120 9.5 9.5 14.3#

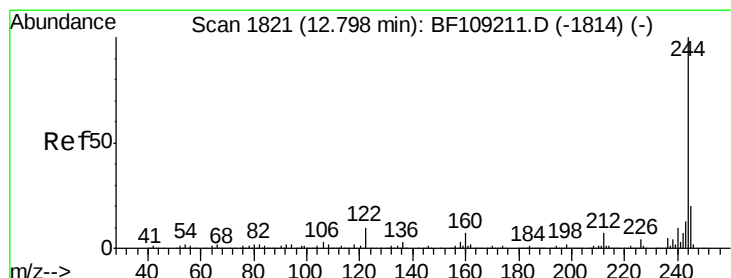
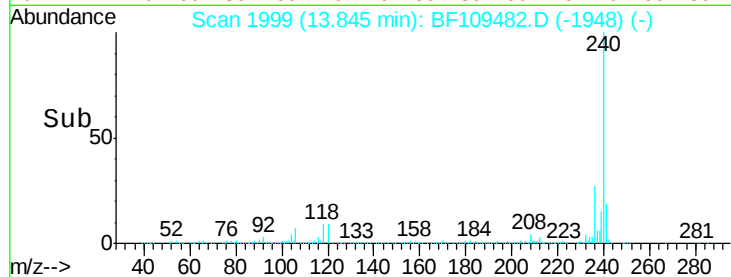
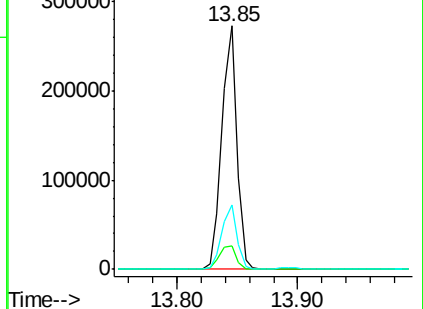
236 26.5 20.7 31.1



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



#78

Terphenyl-d14

Concen: 69.128 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109482.D

Acq: 1 Oct 2018 19:32

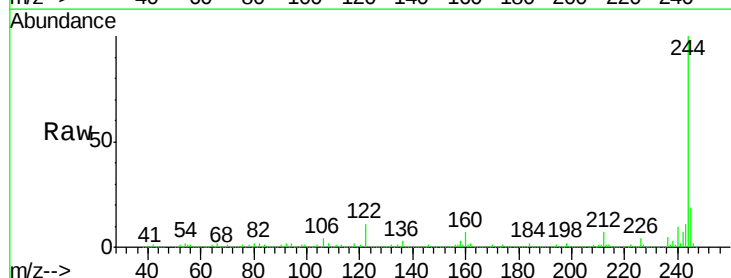
Tgt Ion:244 Resp: 661682

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

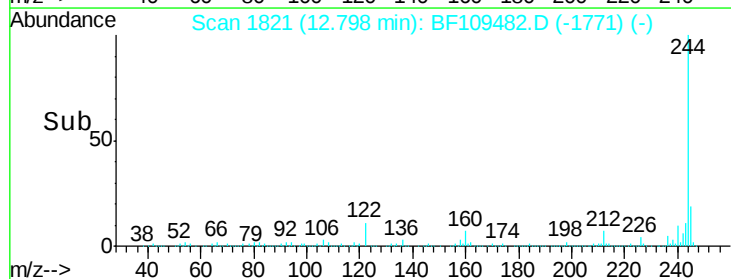
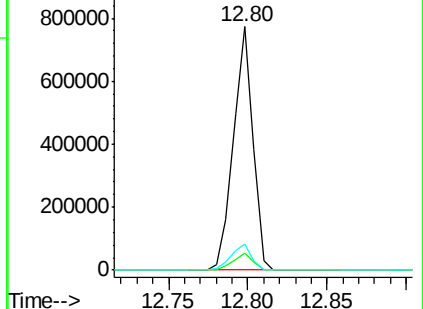
122 10.9 11.0 16.4#

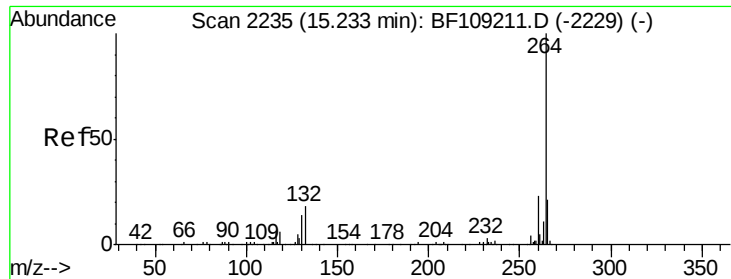


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.24 min Scan# 2237  
Delta R.T. 0.01 min  
Lab File: BF109482.D  
Acq: 1 Oct 2018 19:32

Instrument :  
BNA\_F  
ClientSampleId :  
QNWP8-MW30D-GW

Tgt Ion: 264 Resp: 181062  
Ion Ratio Lower Upper  
264 100  
260 24.1 19.2 28.8  
265 21.4 17.5 26.3

