

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\  
 Data File : BF106879.D  
 Acq On : 27 Jun 2018 18:28  
 Operator : JU/SJ  
 Sample : J3711-01  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 QNWP8-265-GW

Quant Time: Jun 28 11:35:50 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 25 18:50:17 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.96  | 152  | 43112    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.24  | 136  | 59516    | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 10.00 | 164  | 80720    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.50 | 188  | 110793   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.15 | 240  | 120597   | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 15.69 | 264  | 137089   | 20.00 | ng    | -0.03    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.62  | 112  | 112373   | 44.14  | ng    | 0.02     |
| 7) Phenol-d6                | 6.62  | 99   | 110922   | 34.89  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.53  | 82   | 236159   | 220.52 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.80 | 330  | 112872   | 120.65 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.32  | 172  | 426124   | 90.27  | ng    | 0.00     |
| 78) Terphenyl-d14           | 13.08 | 244  | 321214   | 64.52  | ng    | 0.00     |

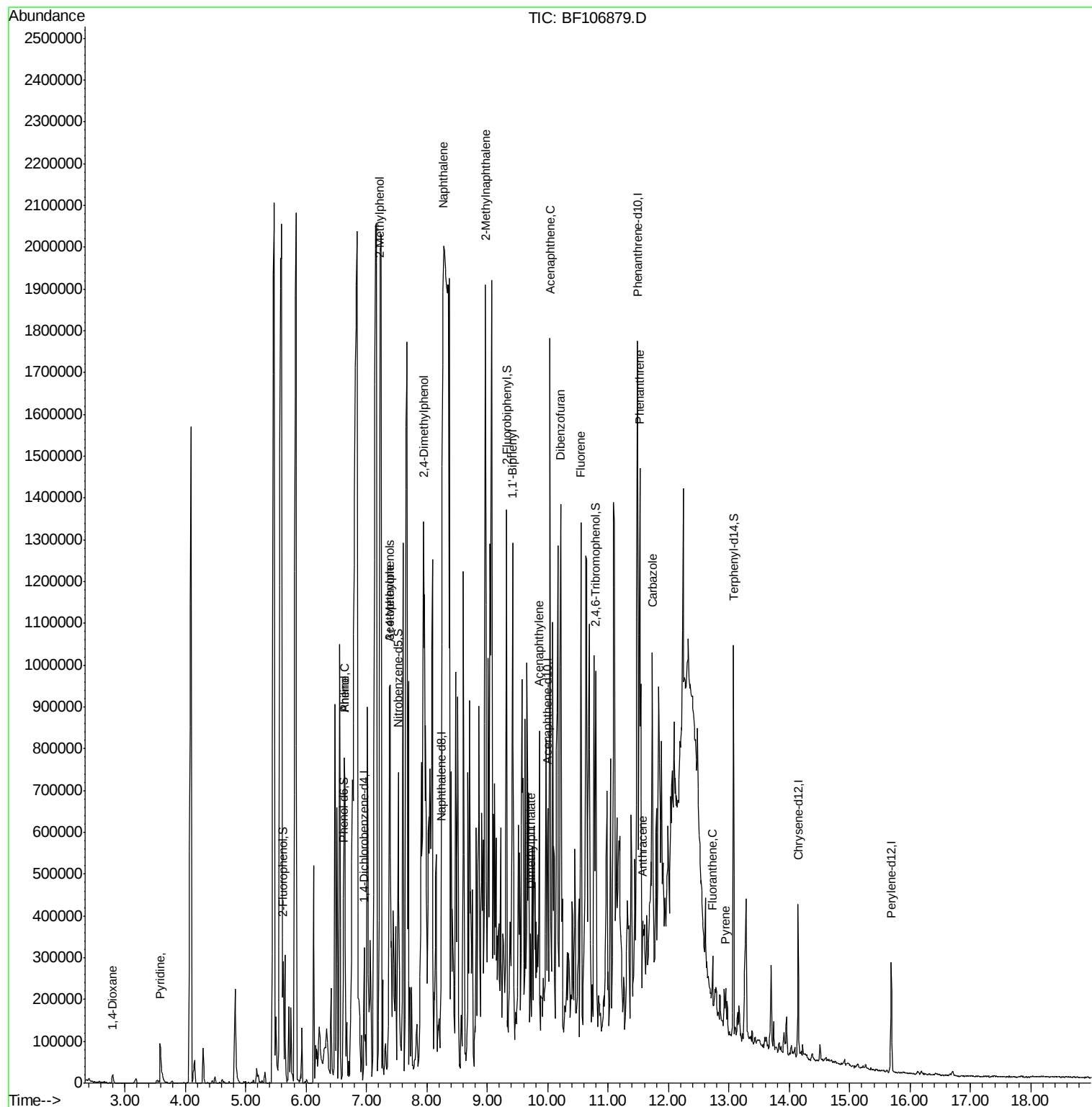
| Target Compounds        | R.T.  | QIon | Response | Conc     | Units | Qvalue |
|-------------------------|-------|------|----------|----------|-------|--------|
| 2) 1,4-Dioxane          | 2.80  | 88   | 10818    | 8.265    | ng    | 98     |
| 3) Pyridine             | 3.58  | 79   | 57420    | 16.175   | ng    | 98     |
| 6) Aniline              | 6.64  | 93   | 188828   | 43.782   | ng    | # 74   |
| 10) Phenol              | 6.63  | 94   | 85095    | 23.452   | ng    | # 25   |
| 17) 2-Methylphenol      | 7.22  | 107  | 90242    | 37.762   | ng    | 98     |
| 20) 3+4-Methylphenols   | 7.38  | 107  | 413882   | 149.632  | ng    | 93     |
| 22) Acetophenone        | 7.38  | 105  | 66368    | 49.844   | ng    | # 3    |
| 27) 2,4-Dimethylphenol  | 7.95  | 122  | 639048   | 801.018  | ng    | 99     |
| 31) Naphthalene         | 8.27  | 128  | 5587683  | 2008.117 | ng    | 98     |
| 37) 2-Methylnaphthalene | 8.97  | 142  | 724107   | 392.609  | ng    | 97     |
| 45) 1,1'-Biphenyl       | 9.42  | 154  | 311729   | 48.458   | ng    | 98     |
| 48) Acenaphthylene      | 9.87  | 152  | 63383    | 7.928    | ng    | # 90   |
| 49) Dimethylphthalate   | 9.72  | 163  | 29772    | 4.918    | ng    | # 95   |
| 51) Acenaphthene        | 10.04 | 154  | 468614   | 93.085   | ng    | 98     |
| 54) Dibenzofuran        | 10.21 | 168  | 578657   | 83.943   | ng    | 98     |
| 57) Fluorene            | 10.55 | 166  | 352340   | 64.411   | ng    | 99     |
| 70) Phenanthrene        | 11.52 | 178  | 471297   | 88.196   | ng    | 99     |
| 71) Anthracene          | 11.57 | 178  | 76014    | 13.936   | ng    | 99     |
| 72) Carbazole           | 11.74 | 167  | 364778   | 71.432   | ng    | 98     |
| 74) Fluoranthene        | 12.73 | 202  | 49164    | 8.347    | ng    | 95     |
| 77) Pyrene              | 12.95 | 202  | 34174    | 4.297    | ng    | 99     |

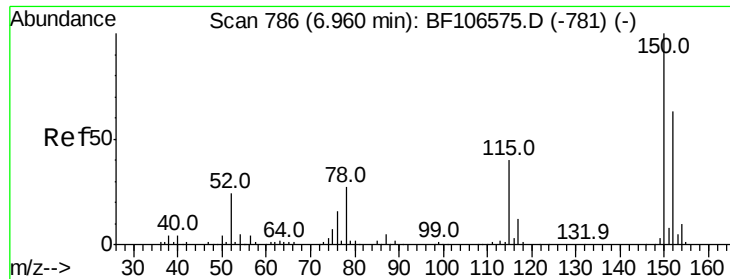
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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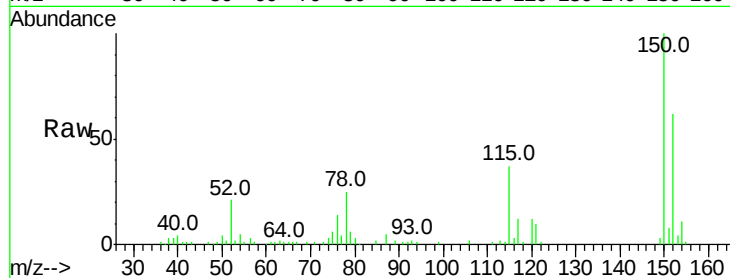


#1

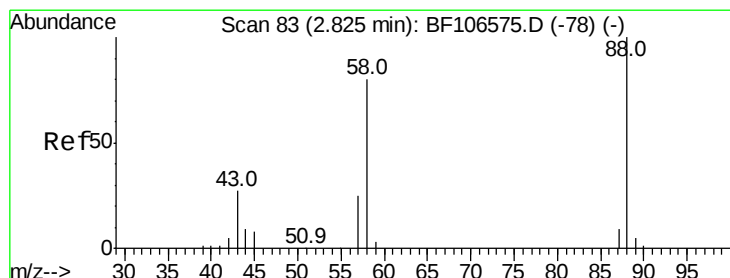
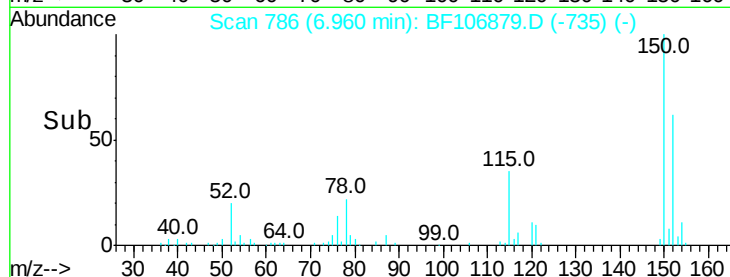
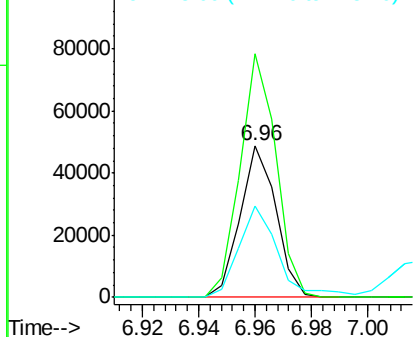
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.96 min Scan# 786  
 Delta R.T. -0.00 min  
 Lab File: BF106879.D  
 Acq: 27 Jun 2018 18:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 QNWP8-265-GW

Tot Ion:152 Resp: 43112  
 Ion Ratio Lower Upper  
 152 100  
 150 160.7 124.6 186.8  
 115 60.2 50.1 75.1



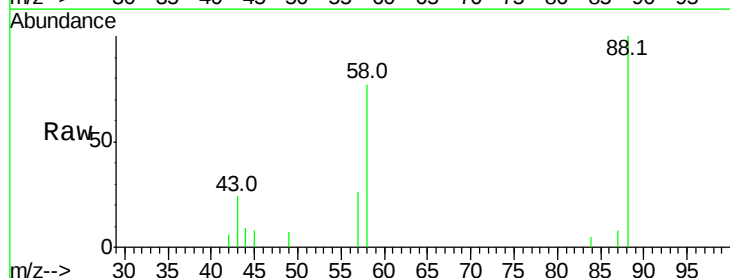
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



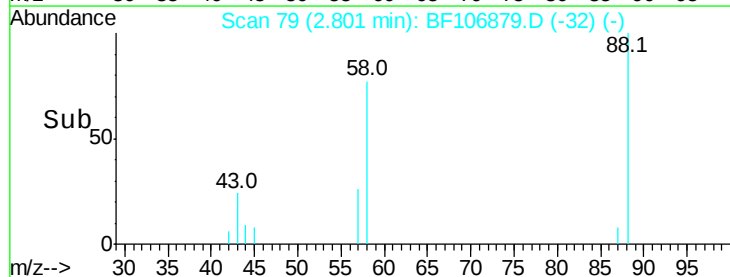
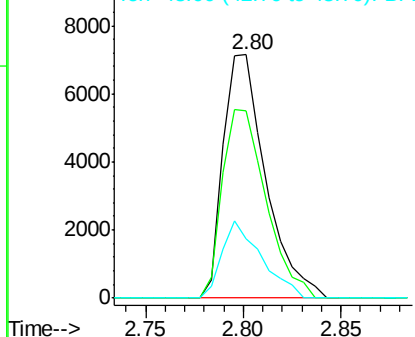
#2

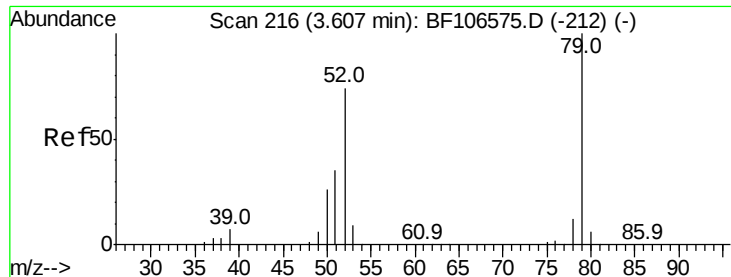
1,4-Dioxane  
 Concen: 8.265 ng  
 RT: 2.80 min Scan# 79  
 Delta R.T. -0.02 min  
 Lab File: BF106879.D  
 Acq: 27 Jun 2018 18:28

Tgt Ion: 88 Resp: 10818  
 Ion Ratio Lower Upper  
 88 100  
 58 79.2 62.6 93.8  
 43 29.3 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1  
 Ion 58.00 (57.70 to 58.70): BF1  
 Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 16.175 ng

RT: 3.58 min Scan# 212

Delta R.T. -0.02 min

Lab File: BF106879.D

Acq: 27 Jun 2018 18:28

Instrument :

BNA\_F

ClientSampleId :

QNWP8-265-GW

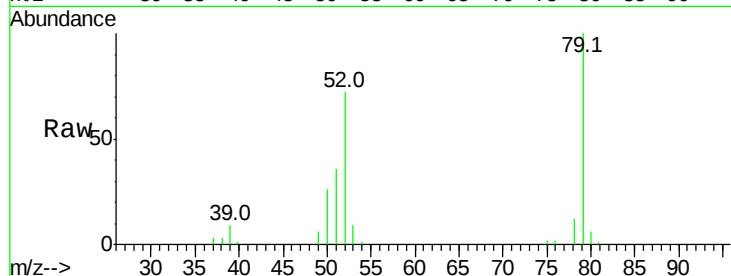
Tot Ion: 79 Resp: 57420

Ion Ratio Lower Upper

79 100

52 72.1 59.8 89.6

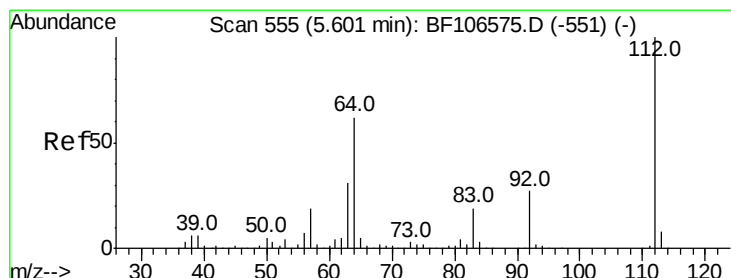
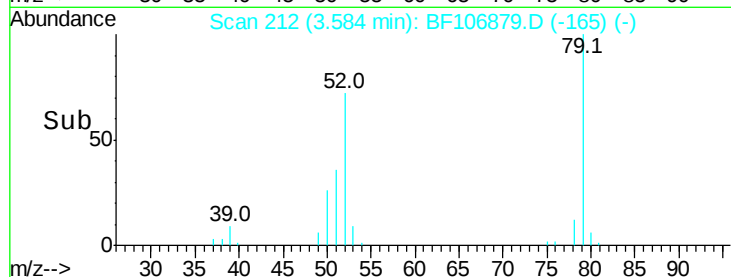
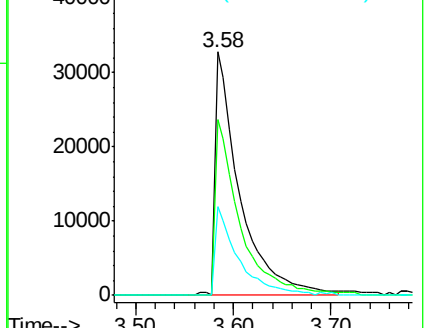
51 36.5 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#5

2-Fluorophenol

Concen: 44.137 ng

RT: 5.62 min Scan# 559

Delta R.T. 0.02 min

Lab File: BF106879.D

Acq: 27 Jun 2018 18:28

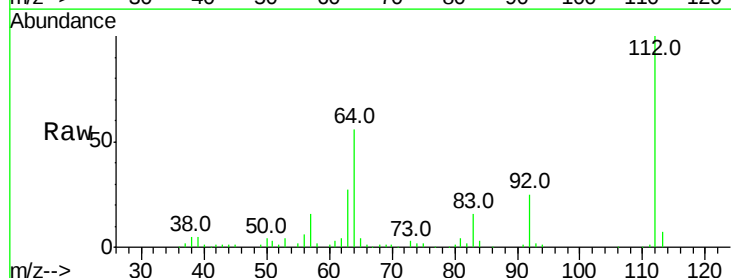
Tgt Ion: 112 Resp: 112373

Ion Ratio Lower Upper

112 100

64 56.5 47.9 71.9

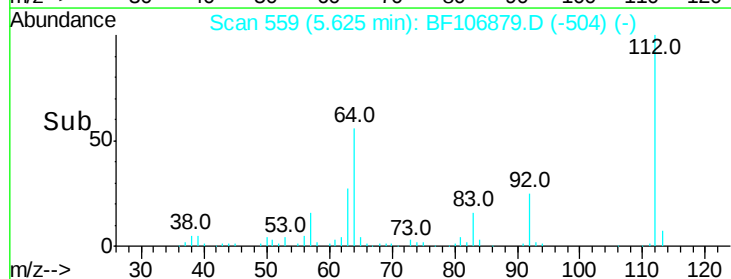
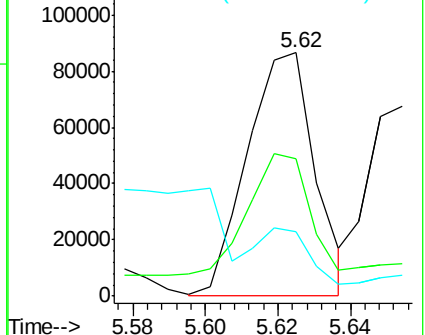
63 26.7 23.7 35.5

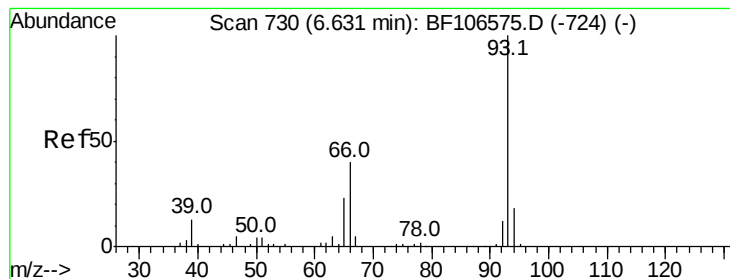


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#6

Aniline

Concen: 43.782 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF106879.D

Acq: 27 Jun 2018 18:28

Instrument :

BNA\_F

ClientSampleId :

QNWP8-265-GW

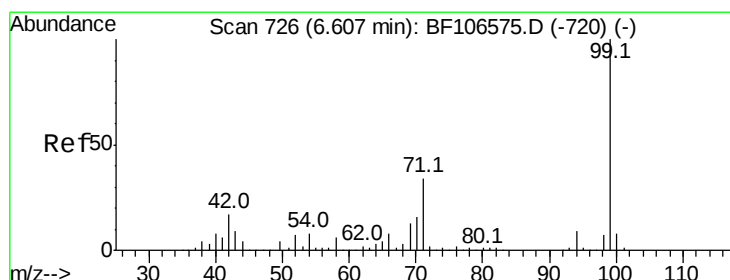
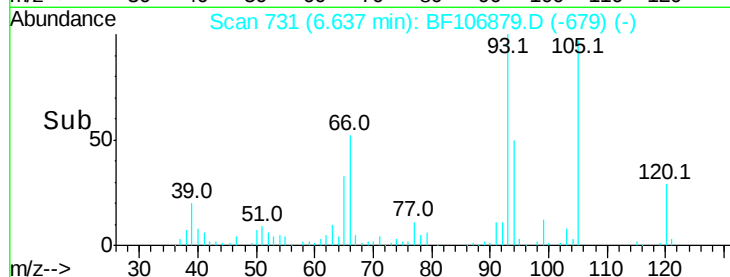
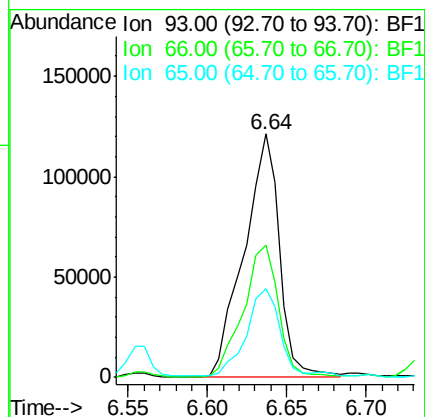
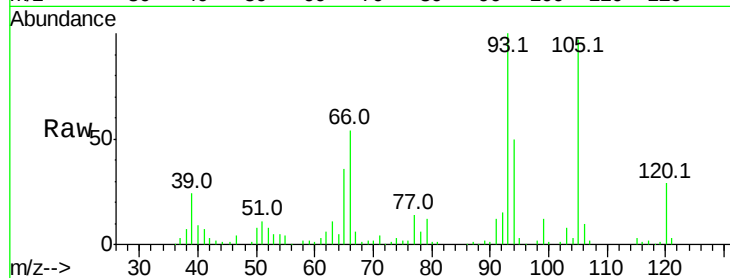
Tot Ion: 93 Resp: 188828

Ion Ratio Lower Upper

93 100

66 54.1 32.2 48.2#

65 36.3 16.4 24.6#



#7

Phenol-d6

Concen: 34.887 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF106879.D

Acq: 27 Jun 2018 18:28

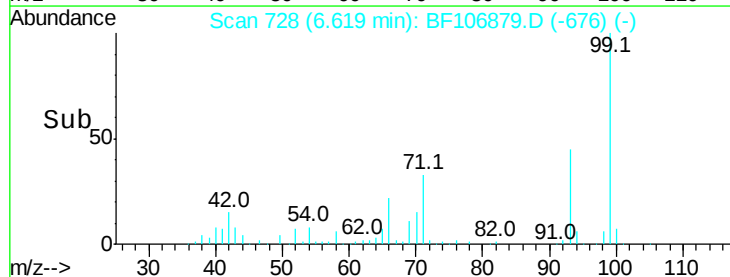
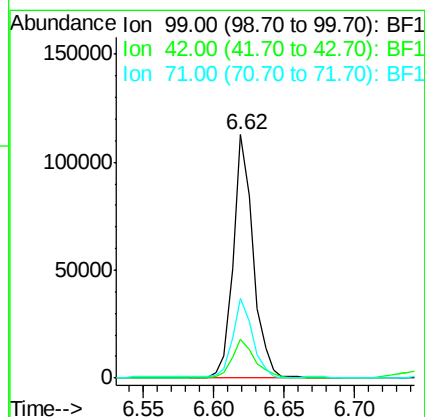
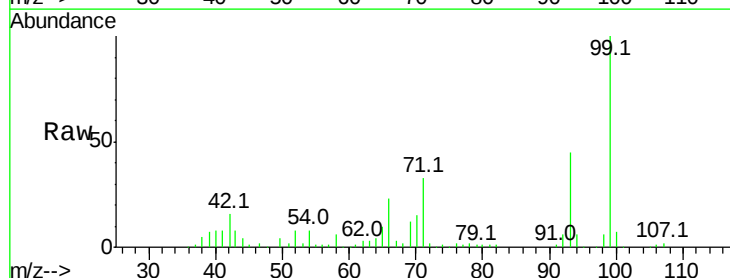
Tgt Ion: 99 Resp: 110922

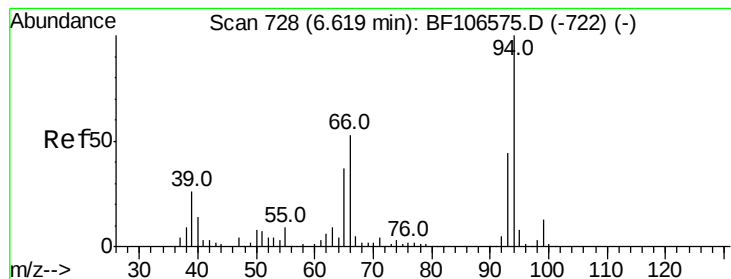
Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

71 32.8 25.4 38.0





#10

Phenol

Concen: 23.452 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF106879.D

Acq: 27 Jun 2018 18:28

Instrument :

BNA\_F

ClientSampleId :

QNWP8-265-GW

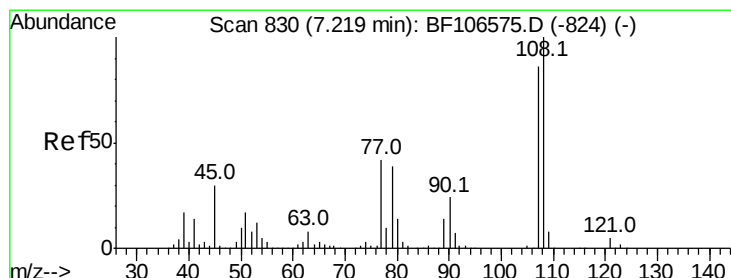
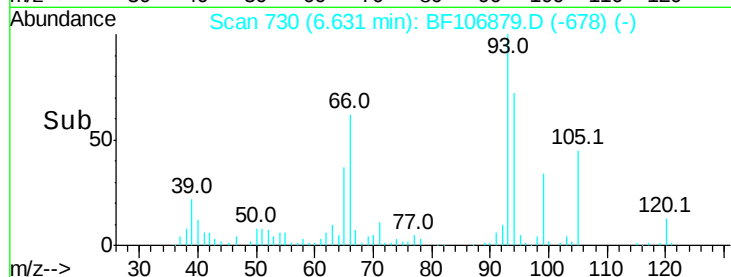
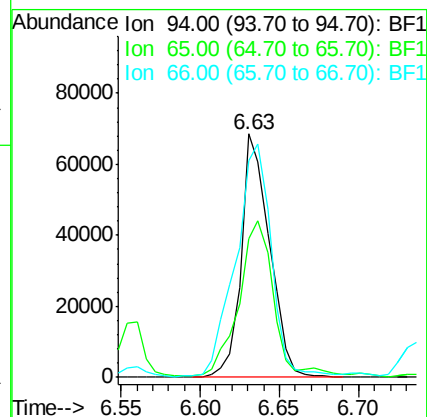
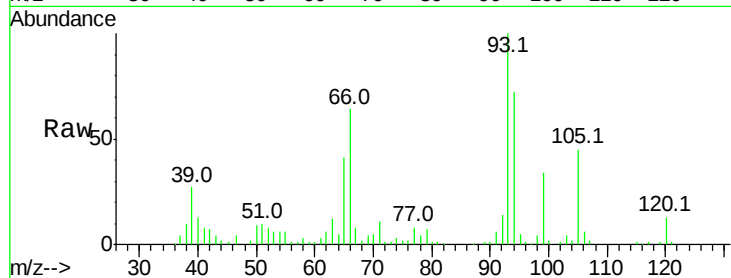
Tot Ion: 94 Resp: 85095

Ion Ratio Lower Upper

94 100

65 56.9 7.9 47.9#

66 88.9 16.2 56.2#



#17

2-Methylphenol

Concen: 37.762 ng

RT: 7.22 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF106879.D

Acq: 27 Jun 2018 18:28

Tgt Ion:107 Resp: 90242

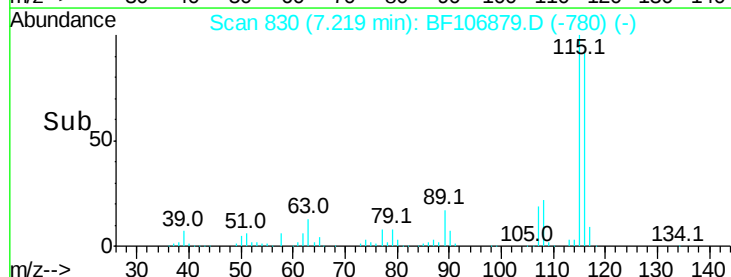
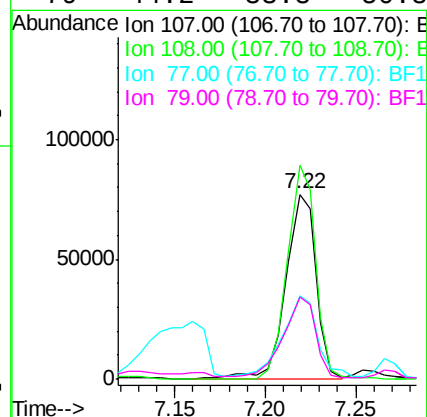
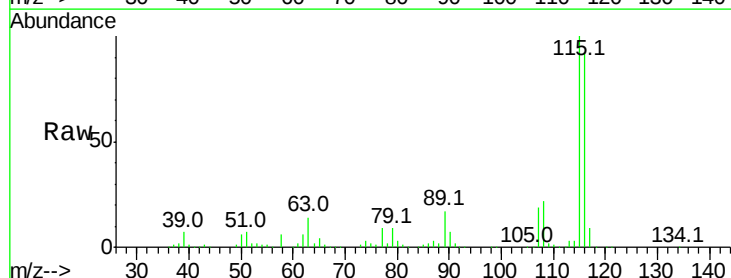
Ion Ratio Lower Upper

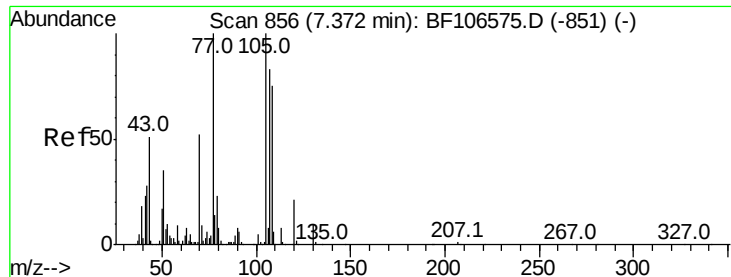
107 100

108 115.6 91.7 137.5

77 45.3 33.8 50.8

79 44.2 33.8 50.8

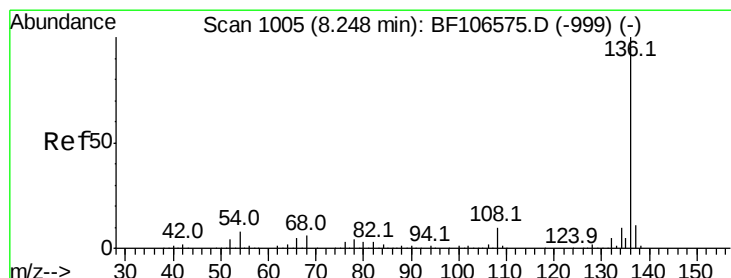
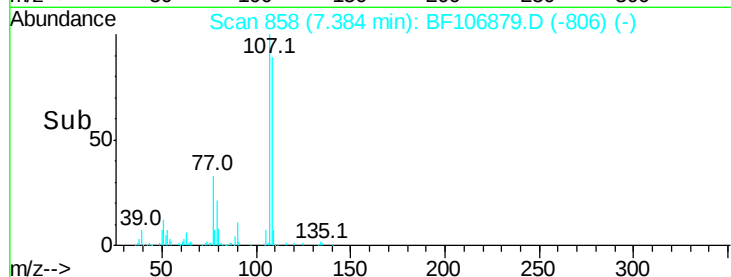
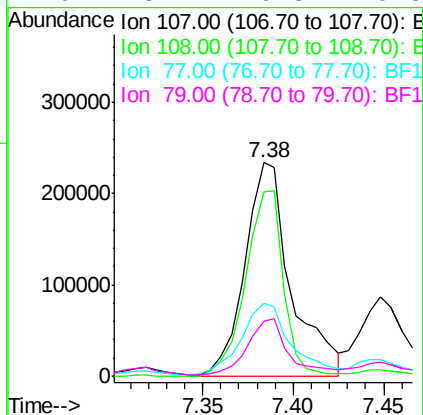
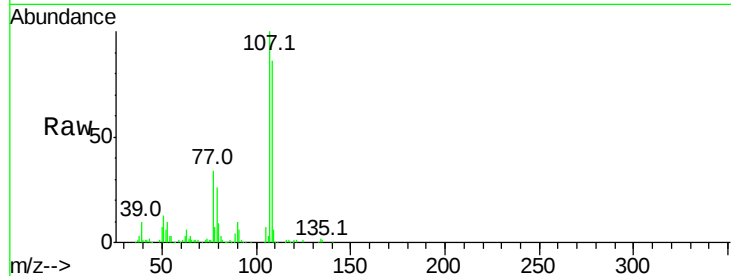




#20  
3+4-Methylphenols  
Concen: 149.632 ng  
RT: 7.38 min Scan# 858  
Delta R.T. 0.01 min  
Lab File: BF106879.D  
Acq: 27 Jun 2018 18:28

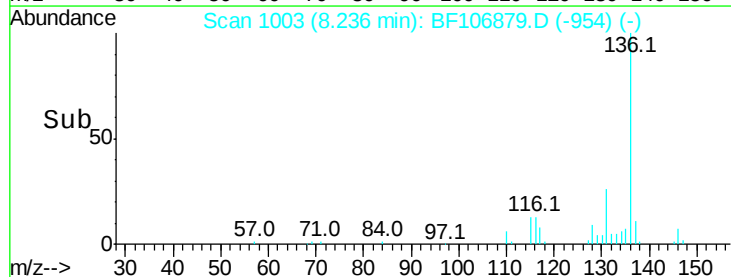
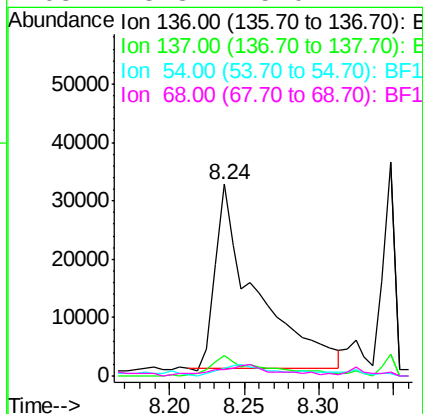
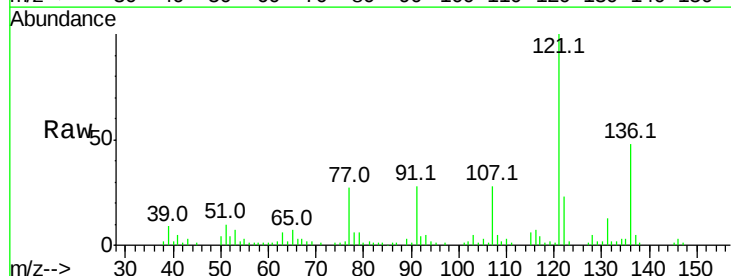
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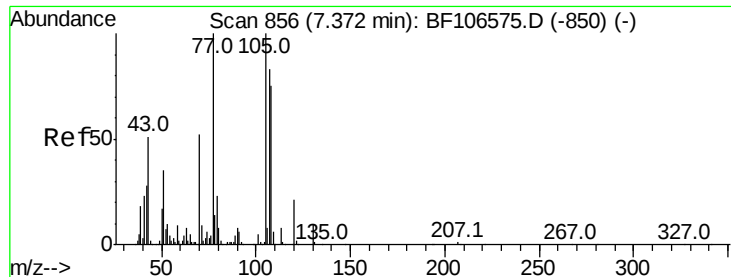
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 413882 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 86.0  | 68.2  | 108.2  |
| 77       | 34.3  | 26.7  | 66.7   |
| 79       | 25.7  | 6.3   | 46.3   |



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.24 min Scan# 1003  
Delta R.T. -0.01 min  
Lab File: BF106879.D  
Acq: 27 Jun 2018 18:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 59516 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 10.9  | 8.9   | 13.3  |
| 54       | 3.9   | 6.6   | 9.8#  |
| 68       | 3.3   | 5.0   | 7.4#  |





#22

Acetophenone

Concen: 49.844 ng

RT: 7.38 min Scan# 857

Delta R.T. 0.01 min

Lab File: BF106879.D

Acq: 27 Jun 2018 18:28

Instrument :

BNA\_F

ClientSampleId :

QNWP8-265-GW

Tot Ion:105 Resp: 66368

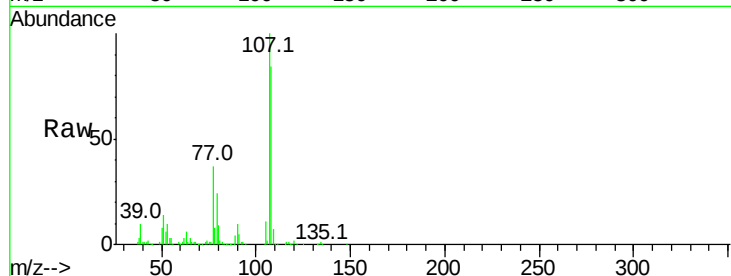
Ion Ratio Lower Upper

105 100

71 3.5 4.4 6.6#

51 125.7 22.3 33.5#

120 22.2 16.9 25.3

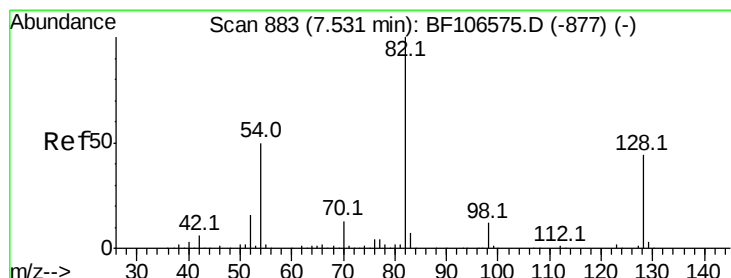
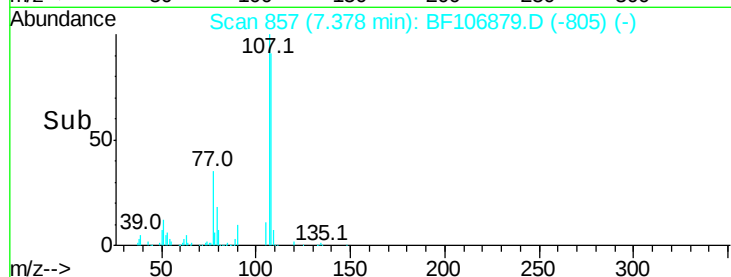
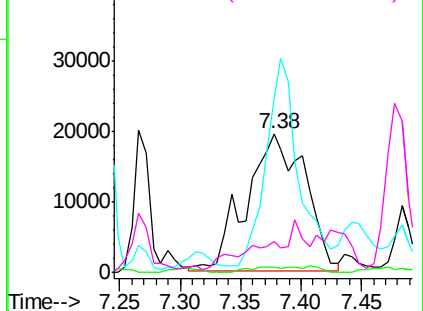


Abundance Ion 105.00 (104.70 to 105.70): E

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: 220.515 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF106879.D

Acq: 27 Jun 2018 18:28

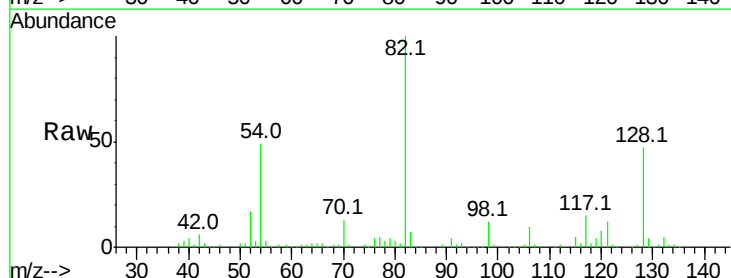
Tgt Ion: 82 Resp: 236159

Ion Ratio Lower Upper

82 100

128 46.7 36.1 54.1

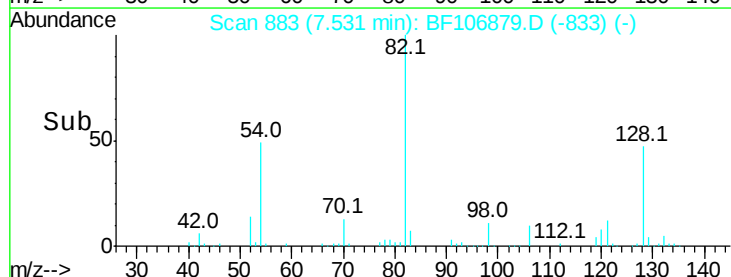
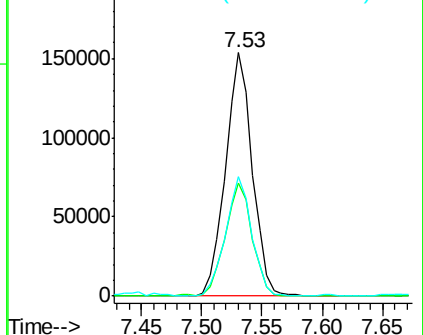
54 48.8 41.4 62.2

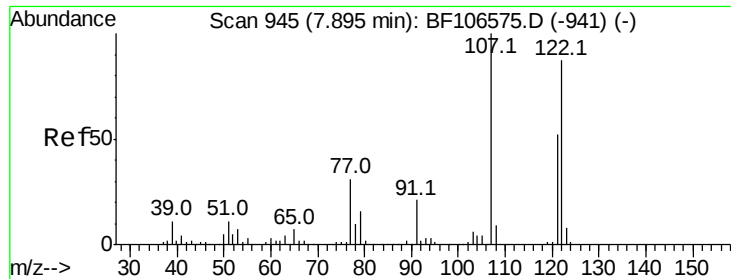


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

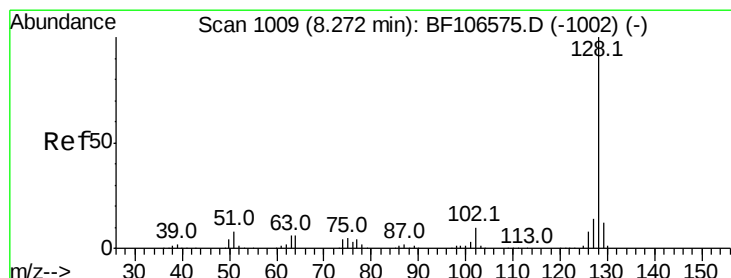
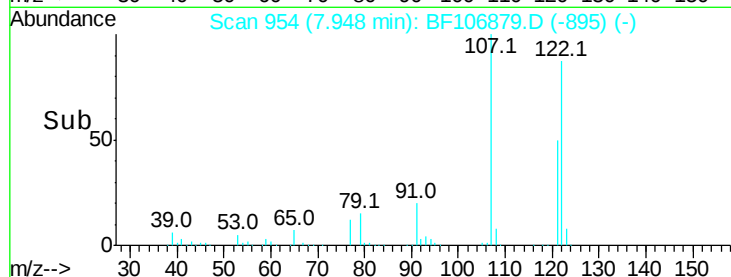
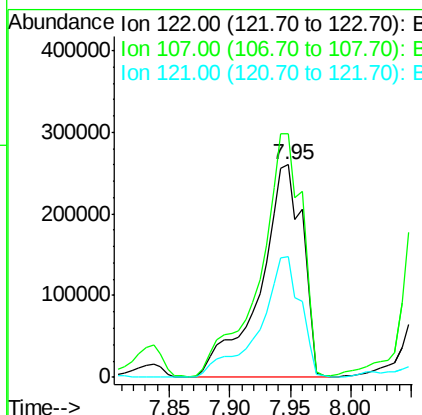
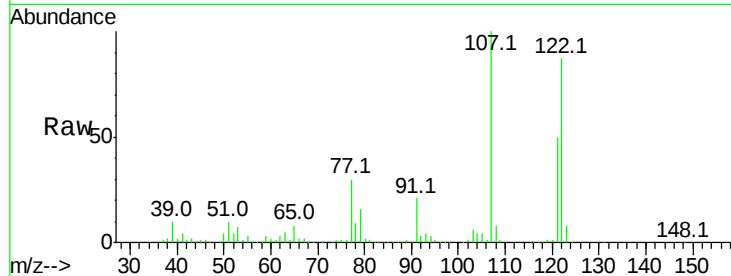




#27  
2,4-Dimethylphenol  
Concen: 801.018 ng  
RT: 7.95 min Scan# 954  
Delta R.T. 0.05 min  
Lab File: BF106879.D  
Acq: 27 Jun 2018 18:28

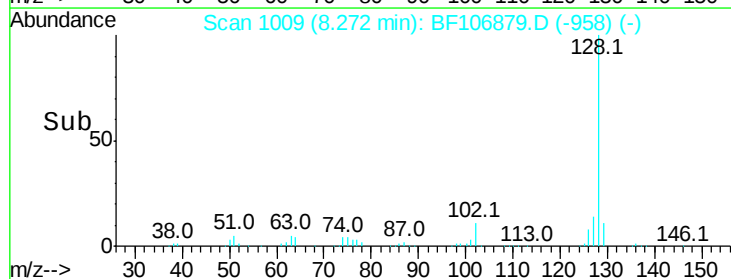
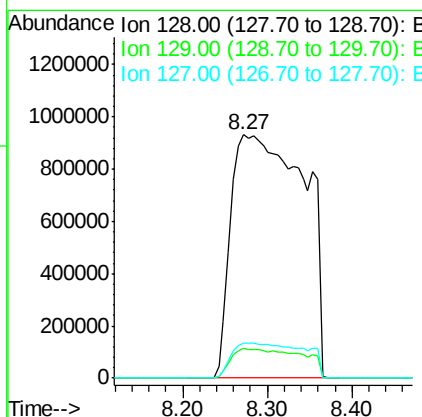
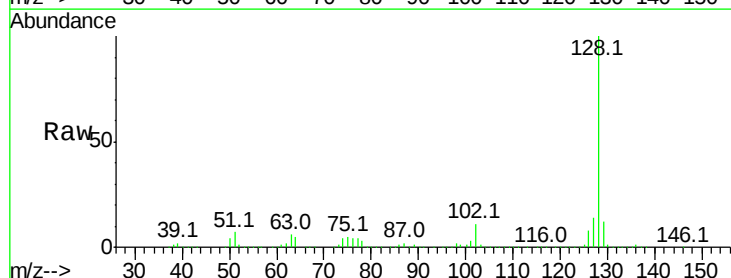
Instrument :  
BNA\_F  
ClientSampleId :  
QNWP8-265-GW

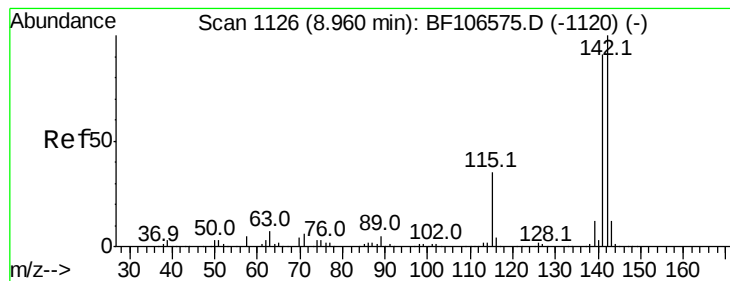
Tot Ion:122 Resp: 639048  
Ion Ratio Lower Upper  
122 100  
107 114.7 91.2 136.8  
121 56.9 47.2 70.8



#31  
Naphthalene  
Concen: 2008.117 ng  
RT: 8.27 min Scan# 1009  
Delta R.T. -0.00 min  
Lab File: BF106879.D  
Acq: 27 Jun 2018 18:28

Tgt Ion:128 Resp: 5587683  
Ion Ratio Lower Upper  
128 100  
129 12.0 8.8 13.2  
127 14.1 10.9 16.3

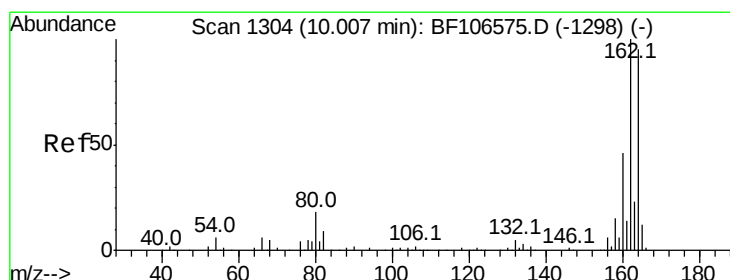
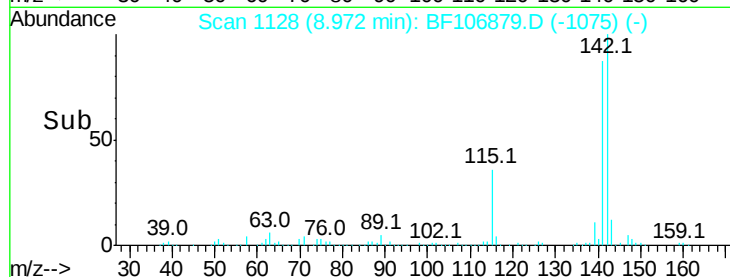
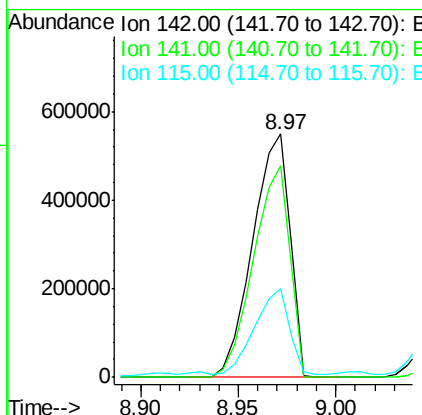
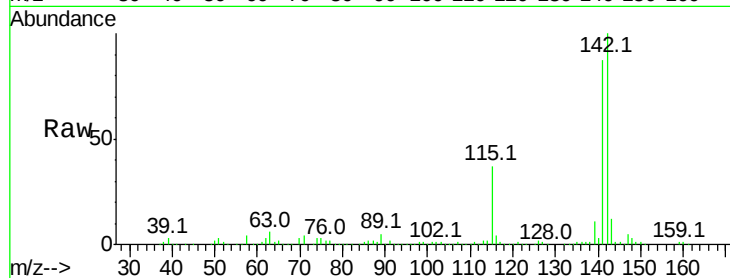




#37  
 2-Methylnaphthalene  
 Concen: 392.609 ng  
 RT: 8.97 min Scan# 1128  
 Delta R.T. 0.01 min  
 Lab File: BF106879.D  
 Acq: 27 Jun 2018 18:28

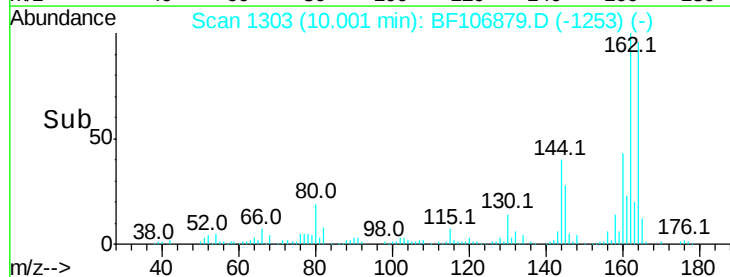
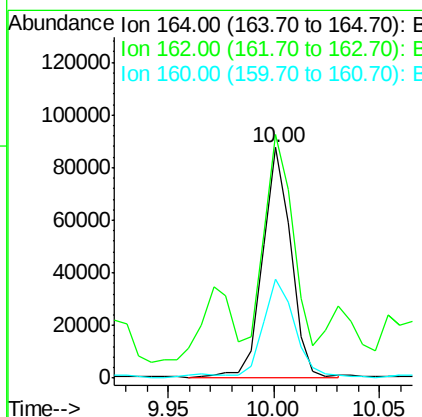
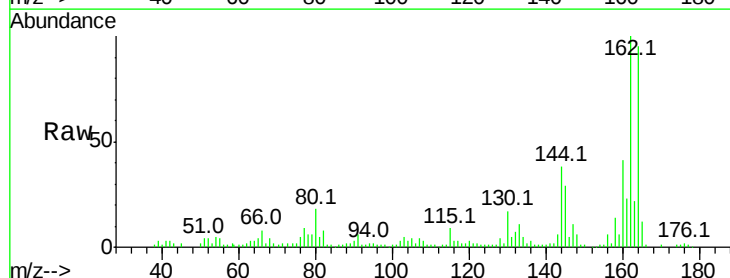
Instrument :  
 BNA\_F  
 ClientSampleId :  
 QNWP8-265-GW

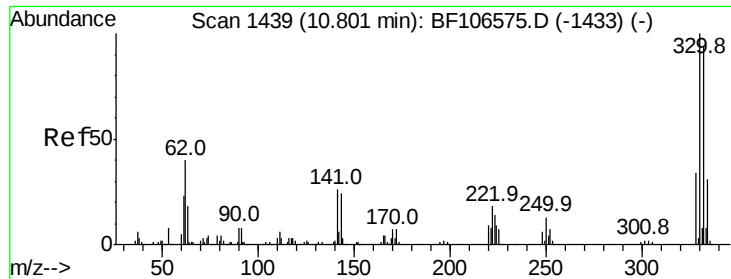
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 142   | Resp: | 724107 |
| Ion      | Ratio | Lower | Upper  |
| 142      | 100   |       |        |
| 141      | 86.9  | 70.8  | 106.2  |
| 115      | 36.6  | 26.1  | 39.1   |



#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 10.00 min Scan# 1303  
 Delta R.T. -0.01 min  
 Lab File: BF106879.D  
 Acq: 27 Jun 2018 18:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 80720 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 162      | 105.7 | 86.1  | 129.1 |
| 160      | 42.9  | 38.3  | 57.5  |





#41

2,4,6-Tribromophenol

Concen: 120.646 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BF106879.D

Acq: 27 Jun 2018 18:28

Instrument :

BNA\_F

ClientSampleId :

QNWP8-265-GW

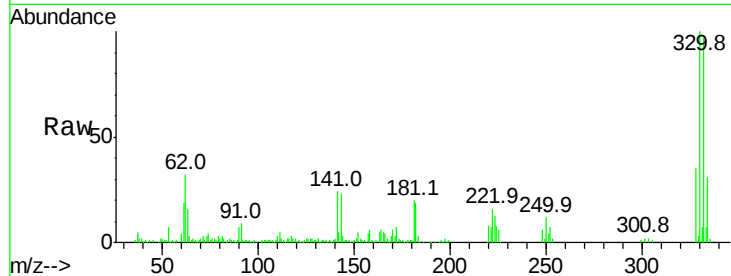
Tot Ion:330 Resp: 112872

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

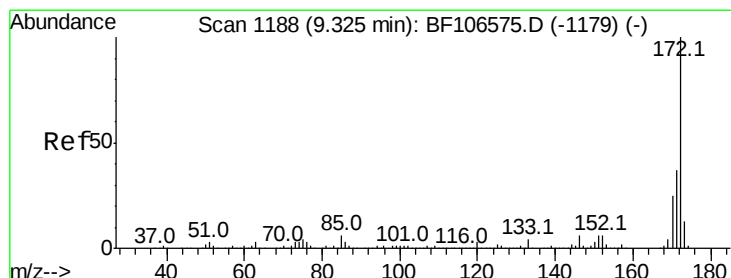
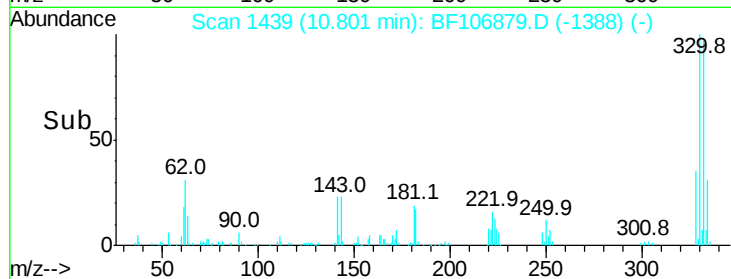
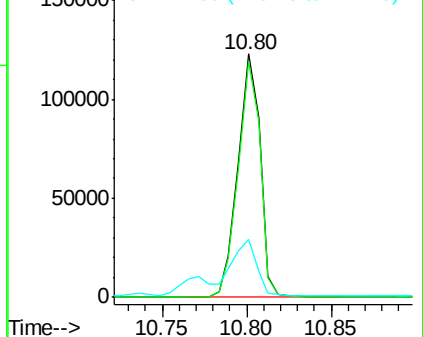
141 26.9 29.9 44.9#



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: 90.269 ng

RT: 9.32 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF106879.D

Acq: 27 Jun 2018 18:28

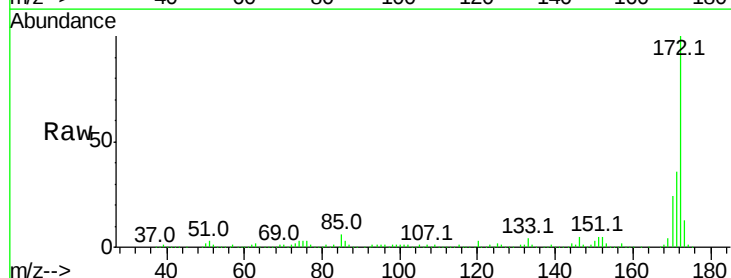
Tgt Ion:172 Resp: 426124

Ion Ratio Lower Upper

172 100

171 35.7 29.7 44.5

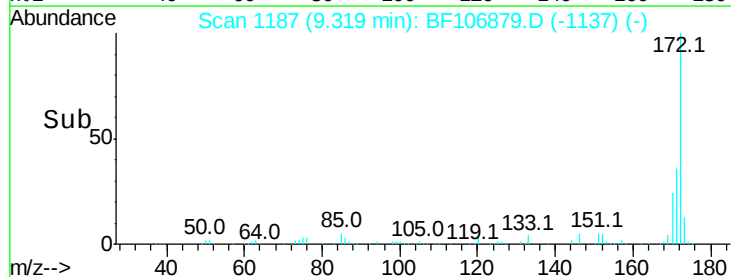
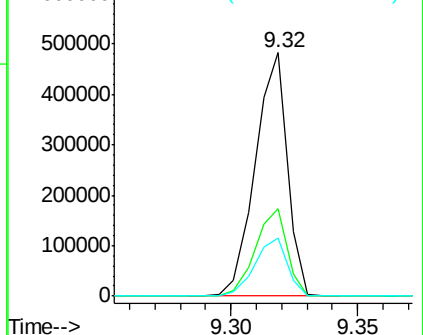
170 23.9 19.6 29.4

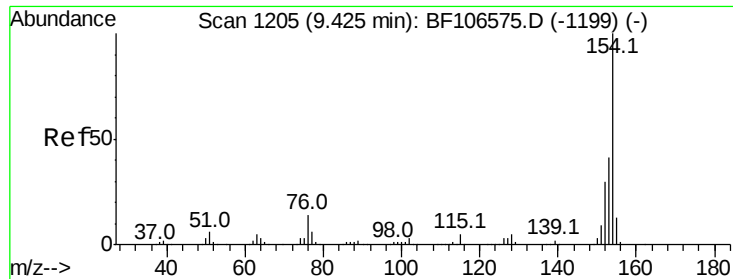


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 48.458 ng

RT: 9.42 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF106879.D

Acq: 27 Jun 2018 18:28

Instrument :

BNA\_F

ClientSampleId :

QNWP8-265-GW

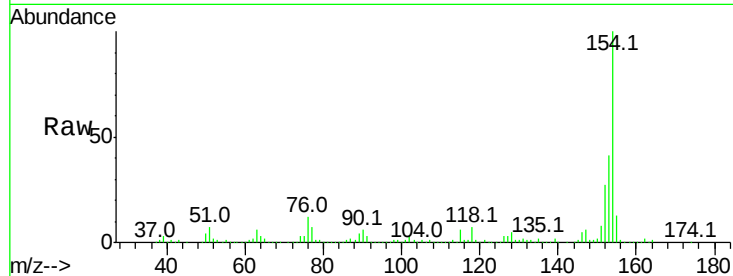
Tot Ion:154 Resp: 311729

Ion Ratio Lower Upper

154 100

153 40.9 21.3 61.3

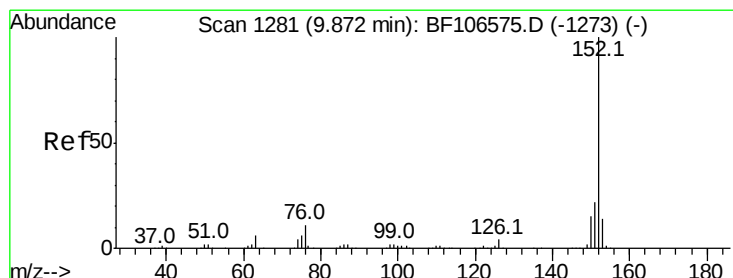
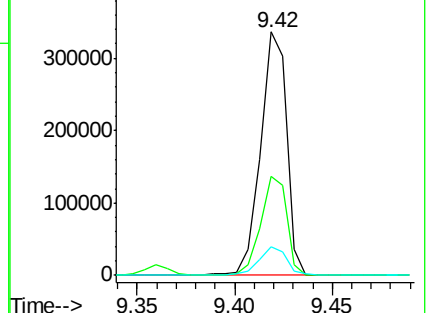
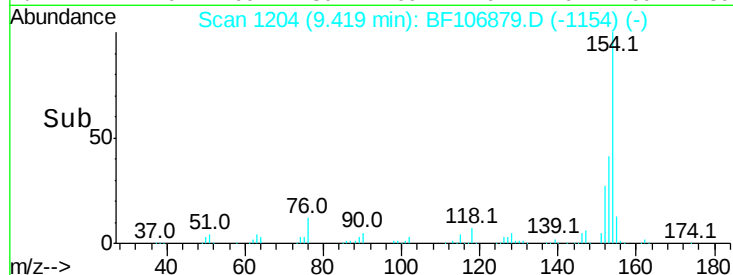
76 11.9 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#48

Acenaphthylene

Concen: 7.928 ng

RT: 9.87 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF106879.D

Acq: 27 Jun 2018 18:28

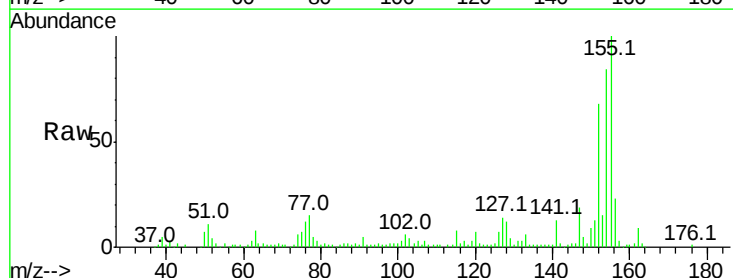
Tgt Ion:152 Resp: 63383

Ion Ratio Lower Upper

152 100

151 19.3 16.3 24.5

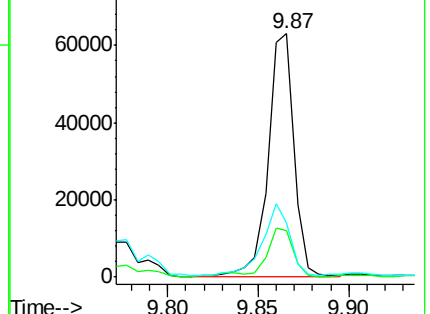
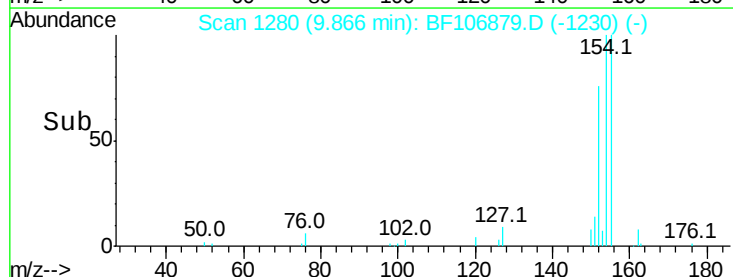
153 22.4 10.7 16.1#

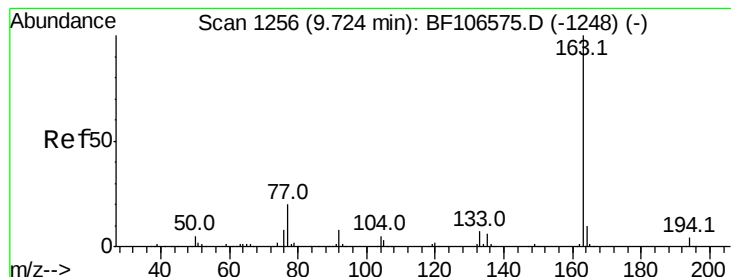


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 4.918 ng

RT: 9.72 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF106879.D

Acq: 27 Jun 2018 18:28

Instrument :

BNA\_F

ClientSampleId :

QNWP8-265-GW

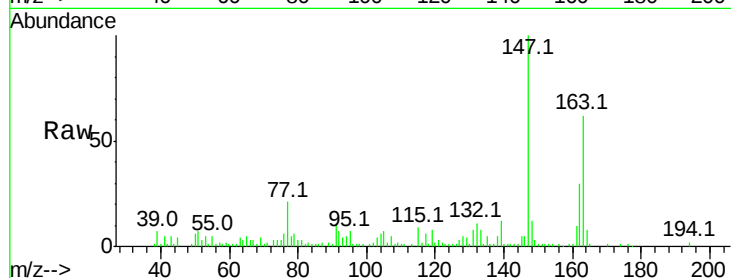
Tot Ion:163 Resp: 29772

Ion Ratio Lower Upper

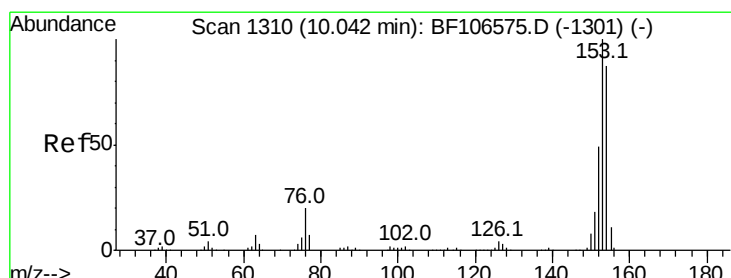
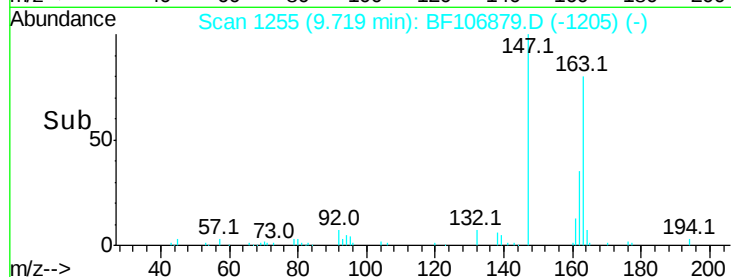
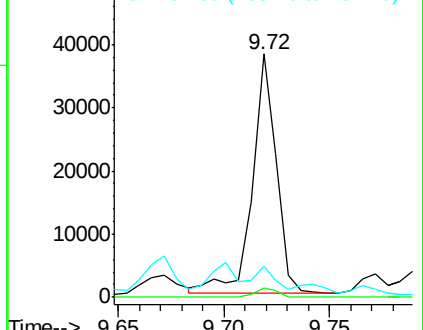
163 100

194 3.8 2.7 4.1

164 12.8 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: 93.085 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF106879.D

Acq: 27 Jun 2018 18:28

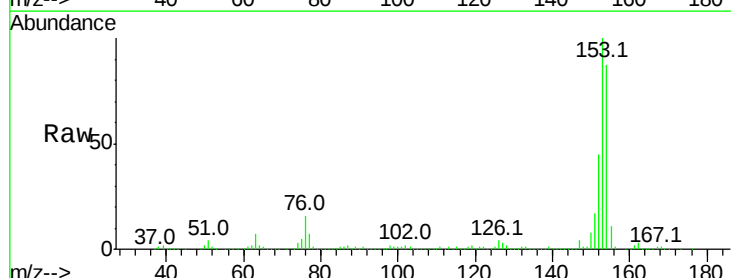
Tgt Ion:154 Resp: 468614

Ion Ratio Lower Upper

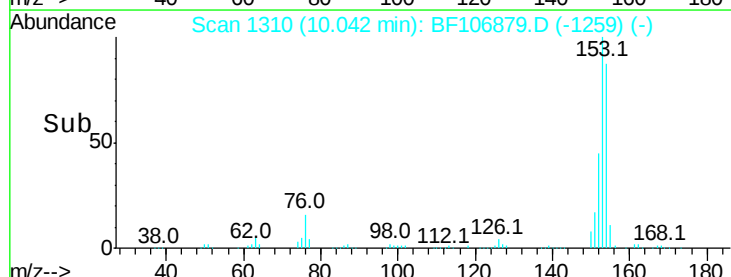
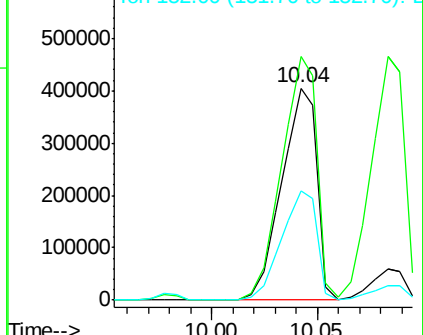
154 100

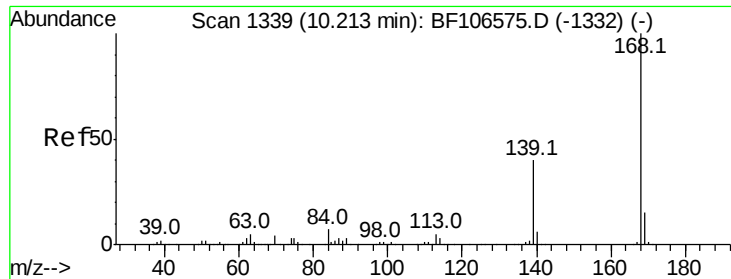
153 114.7 91.2 136.8

152 51.6 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

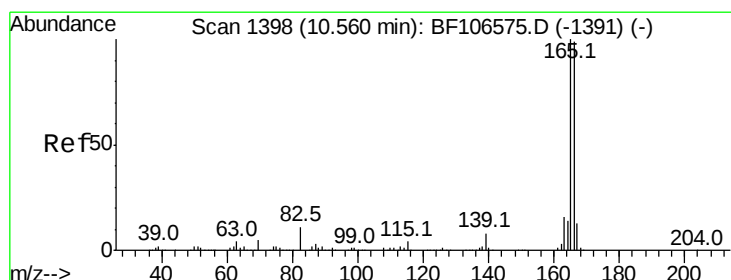
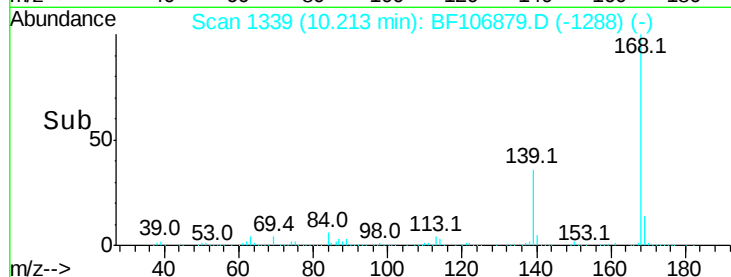
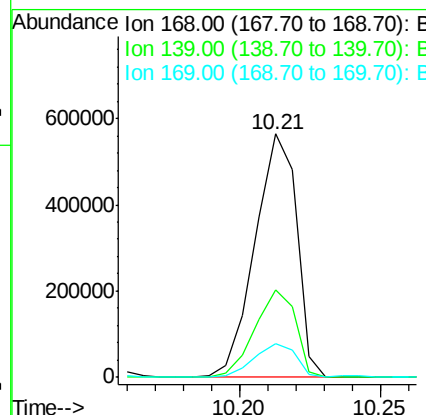
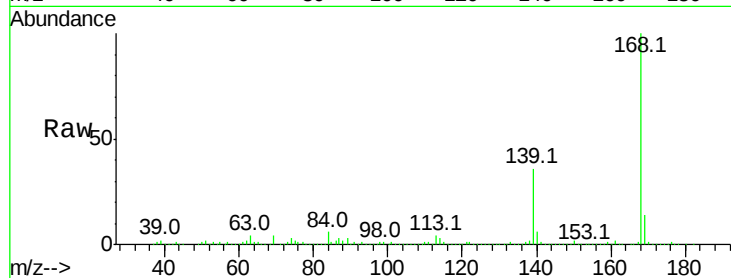




#54  
Dibenzofuran  
Concen: 83.943 ng  
RT: 10.21 min Scan# 1339  
Delta R.T. -0.00 min  
Lab File: BF106879.D  
Acq: 27 Jun 2018 18:28

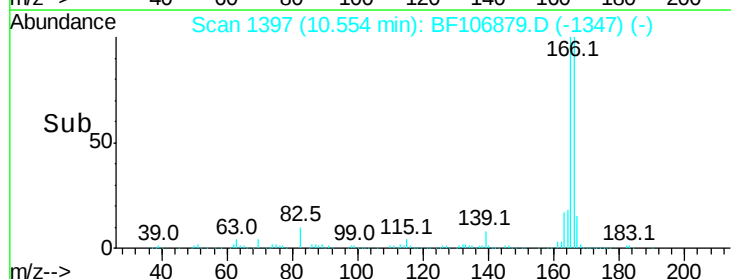
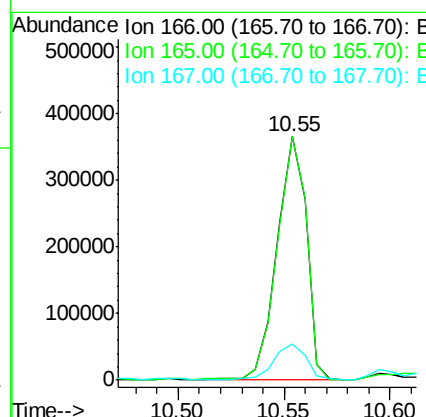
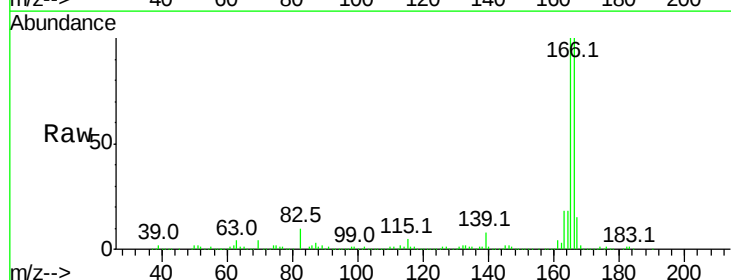
Instrument :  
BNA\_F  
ClientSampleId :  
QNWP8-265-GW

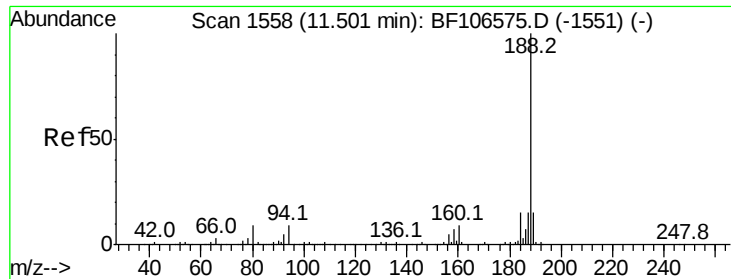
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 36.0  | 30.1  | 45.1  |
| 169     | 13.6  | 10.9  | 16.3  |



#57  
Fluorene  
Concen: 64.411 ng  
RT: 10.55 min Scan# 1397  
Delta R.T. -0.01 min  
Lab File: BF106879.D  
Acq: 27 Jun 2018 18:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 100.2 | 79.8  | 119.8 |
| 167     | 15.0  | 10.6  | 16.0  |

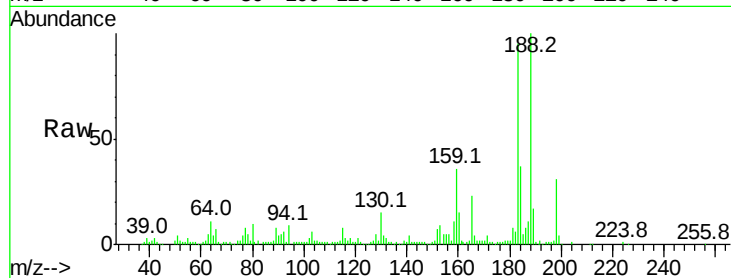




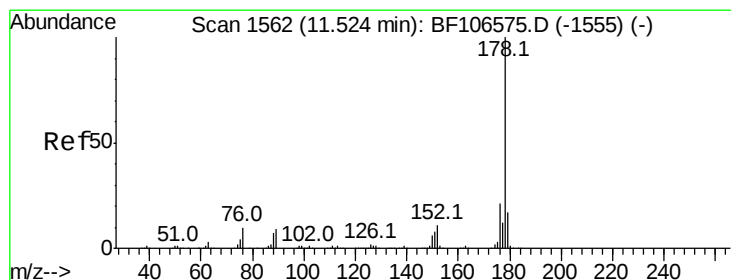
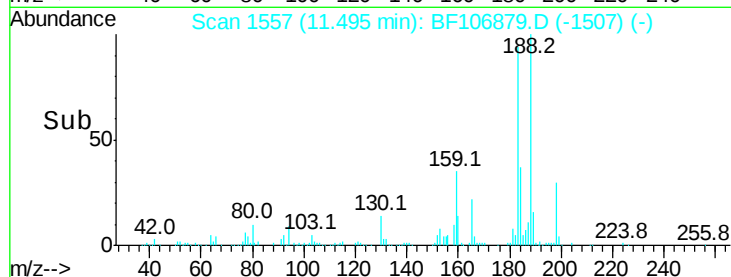
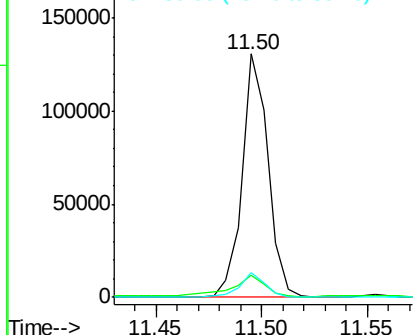
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.50 min Scan# 1557  
Delta R.T. -0.01 min  
Lab File: BF106879.D  
Acq: 27 Jun 2018 18:28

Instrument :  
BNA\_F  
ClientSampleId :  
QNWP8-265-GW

Tot Ion:188 Resp: 110793  
Ion Ratio Lower Upper  
188 100  
94 9.3 8.5 12.7  
80 10.1 9.2 13.8

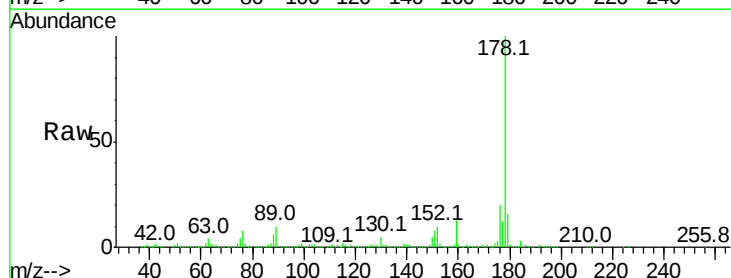


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF1  
Ion 80.00 (79.70 to 80.70): BF1

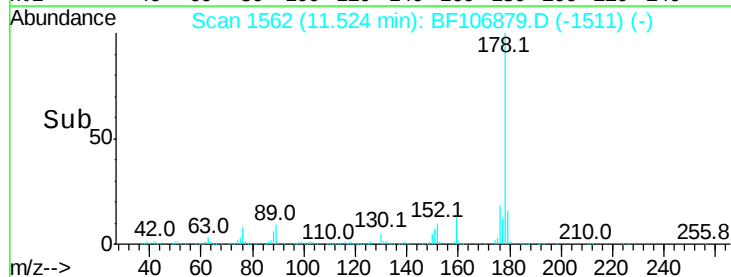
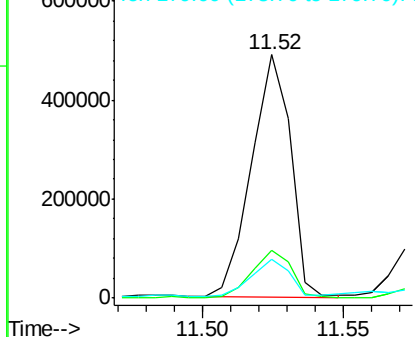


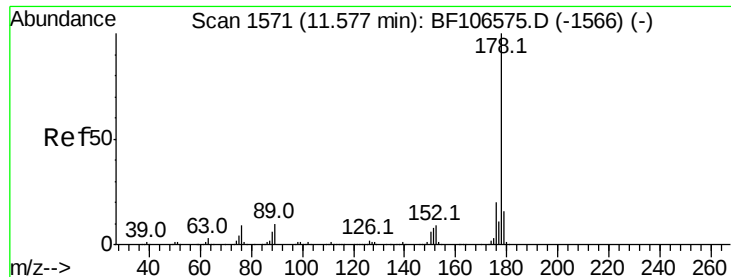
#70  
Phenanthrene  
Concen: 88.196 ng  
RT: 11.52 min Scan# 1562  
Delta R.T. -0.00 min  
Lab File: BF106879.D  
Acq: 27 Jun 2018 18:28

Tgt Ion:178 Resp: 471297  
Ion Ratio Lower Upper  
178 100  
176 19.8 15.8 23.8  
179 15.8 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E

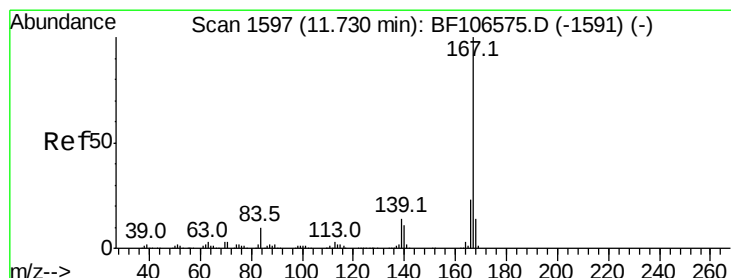
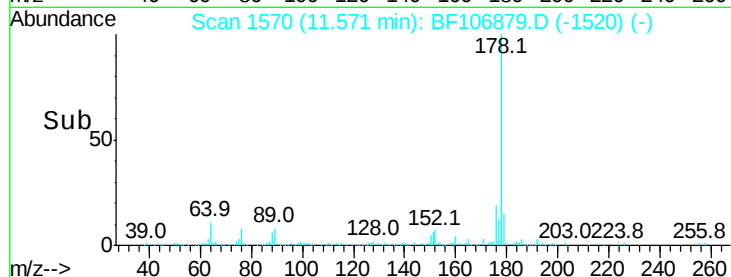
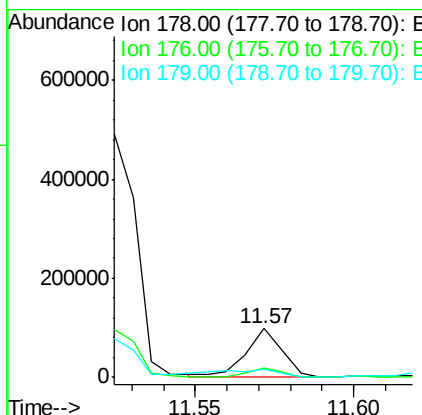
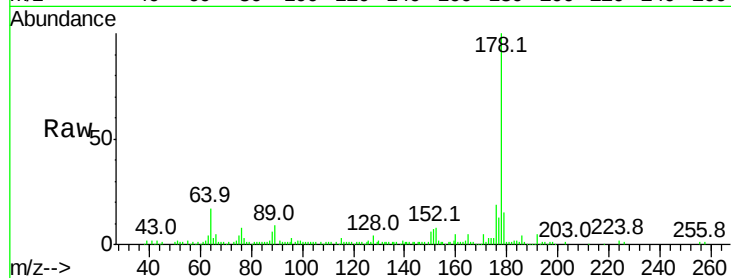




#71  
 Anthracene  
 Concen: 13.936 ng  
 RT: 11.57 min Scan# 1570  
 Delta R.T. -0.01 min  
 Lab File: BF106879.D  
 Acq: 27 Jun 2018 18:28

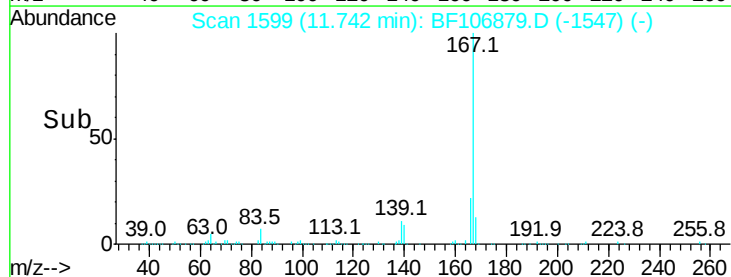
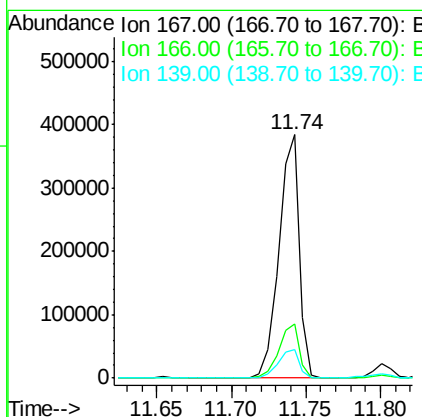
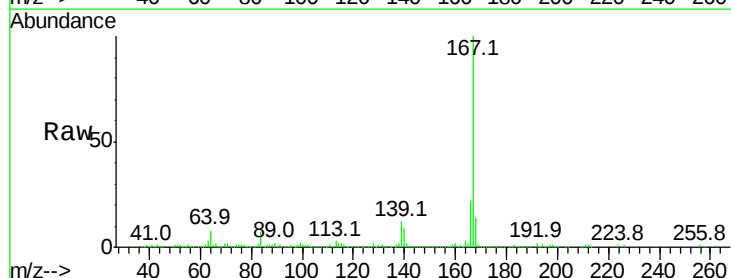
Instrument :  
 BNA\_F  
 ClientSampleId :  
 QNWP8-265-GW

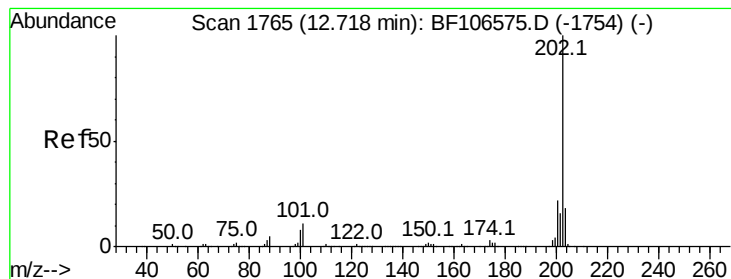
Tot Ion:178 Resp: 76014  
 Ion Ratio Lower Upper  
 178 100  
 176 18.8 15.4 23.2  
 179 15.4 12.6 19.0



#72  
 Carbazole  
 Concen: 71.432 ng  
 RT: 11.74 min Scan# 1599  
 Delta R.T. 0.01 min  
 Lab File: BF106879.D  
 Acq: 27 Jun 2018 18:28

Tgt Ion:167 Resp: 364778  
 Ion Ratio Lower Upper  
 167 100  
 166 22.3 17.6 26.4  
 139 11.8 10.9 16.3





#74

Fluoranthene

Concen: 8.347 ng

RT: 12.73 min Scan# 1767

Delta R.T. 0.01 min

Lab File: BF106879.D

Acq: 27 Jun 2018 18:28

Instrument :

BNA\_F

ClientSampleId :

QNWP8-265-GW

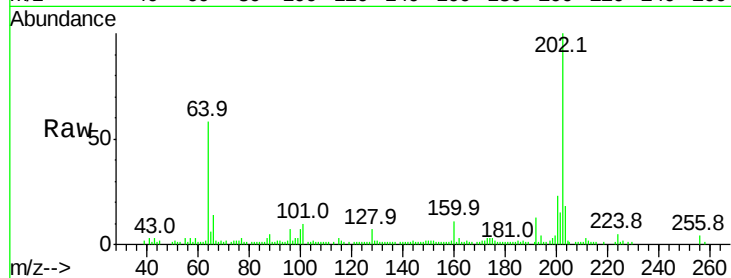
Tot Ion:202 Resp: 49164

Ion Ratio Lower Upper

202 100

101 9.8 0.0 34.1

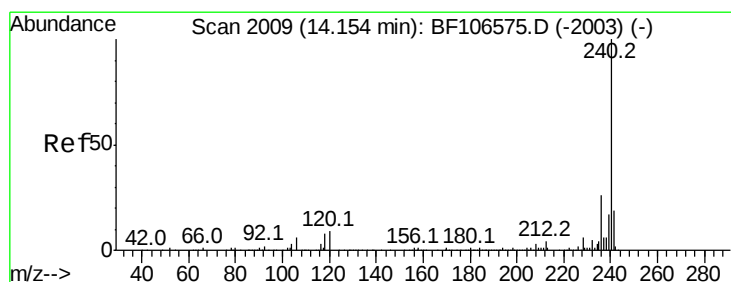
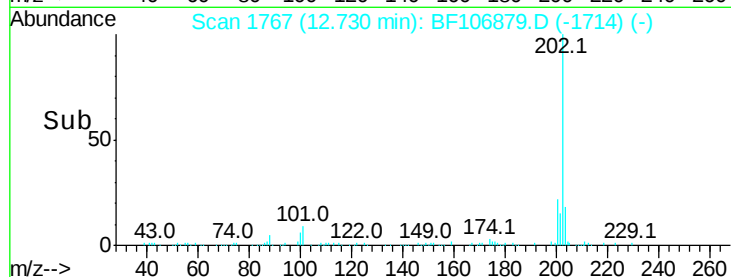
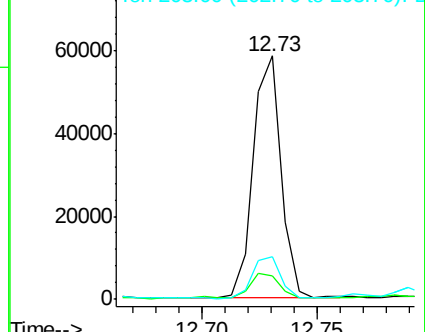
203 17.6 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF106879.D

Acq: 27 Jun 2018 18:28

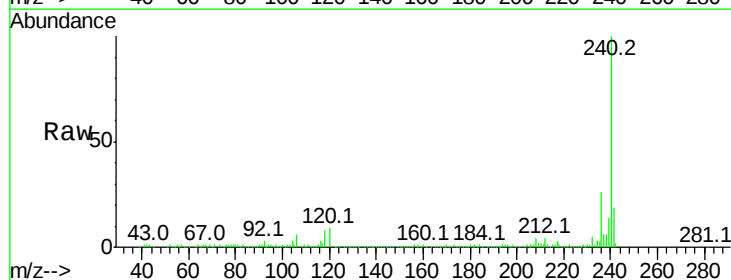
Tgt Ion:240 Resp: 120597

Ion Ratio Lower Upper

240 100

120 9.0 9.5 14.3#

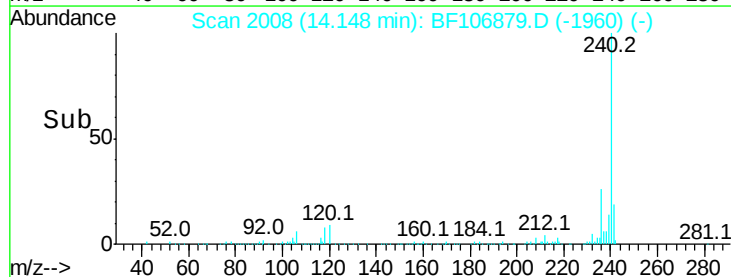
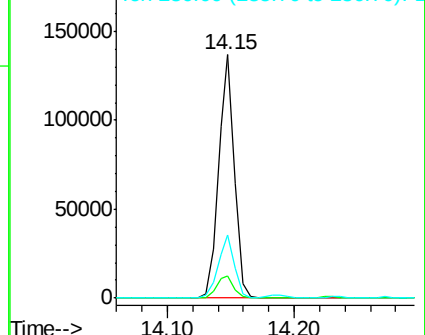
236 26.1 20.7 31.1

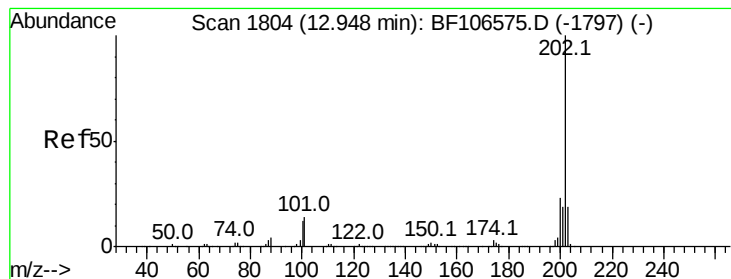


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 4.297 ng

RT: 12.95 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BF106879.D

Acq: 27 Jun 2018 18:28

Instrument :

BNA\_F

ClientSampleId :

QNWP8-265-GW

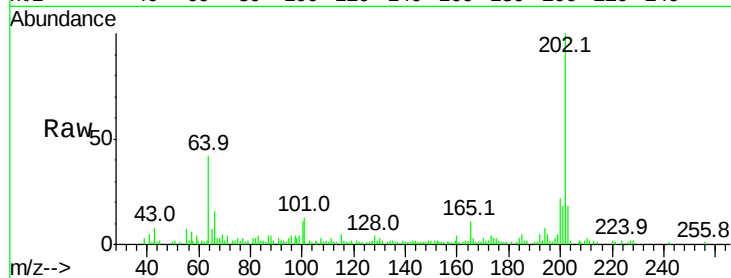
Tot Ion:202 Resp: 34174

Ion Ratio Lower Upper

202 100

200 22.1 17.4 26.2

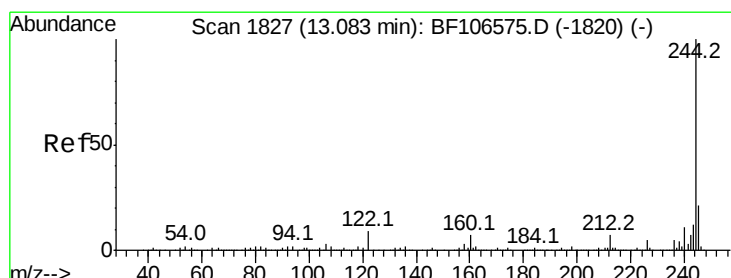
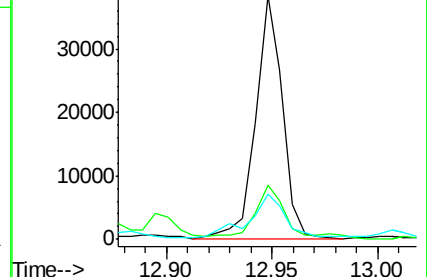
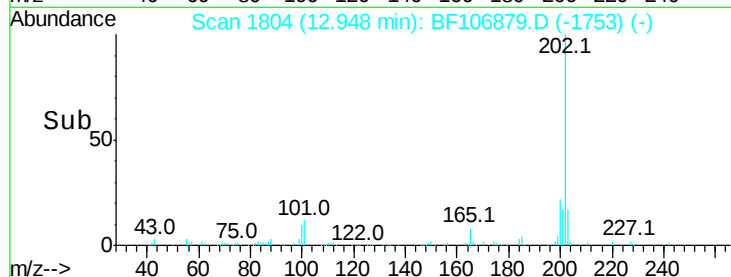
203 18.4 14.3 21.5



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: 64.519 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106879.D

Acq: 27 Jun 2018 18:28

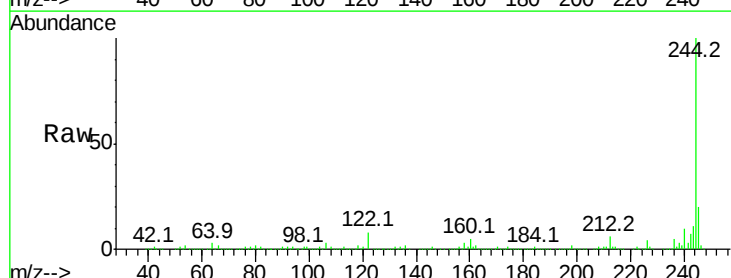
Tgt Ion:244 Resp: 321214

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

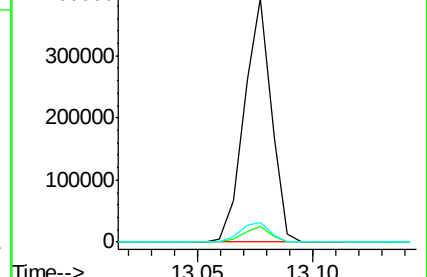
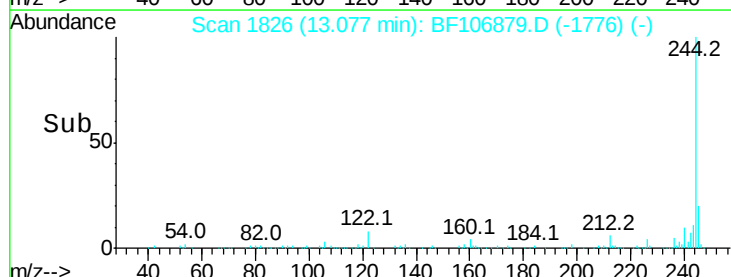
122 8.1 11.0 16.4#

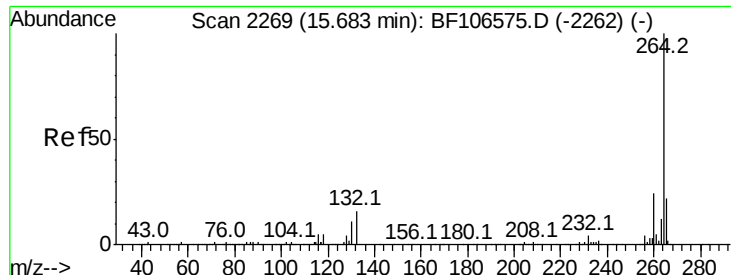


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

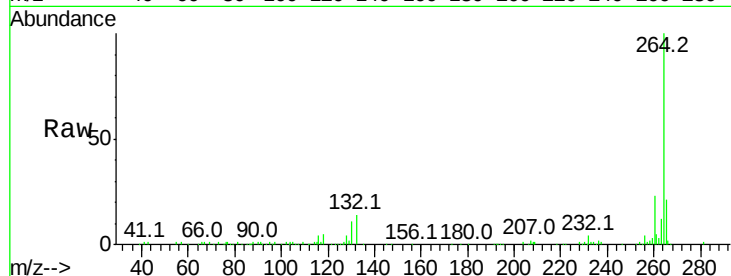




#86  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 15.69 min Scan# 2270  
 Delta R.T. -0.03 min  
 Lab File: BF106879.D  
 Acq: 27 Jun 2018 18:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 QNWP8-265-GW

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 264   | Resp: | 137089 |
| Ion      | Ratio | Lower | Upper  |
| 264      | 100   |       |        |
| 260      | 22.9  | 19.2  | 28.8   |
| 265      | 21.2  | 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

