

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\  
 Data File : BF099018.D  
 Acq On : 2 Oct 2017 23:47  
 Operator : SJ/JU  
 Sample : I5532-01 2X  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Oct 03 01:04:36 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 23 13:50:58 2017  
 Response via : Initial Calibration

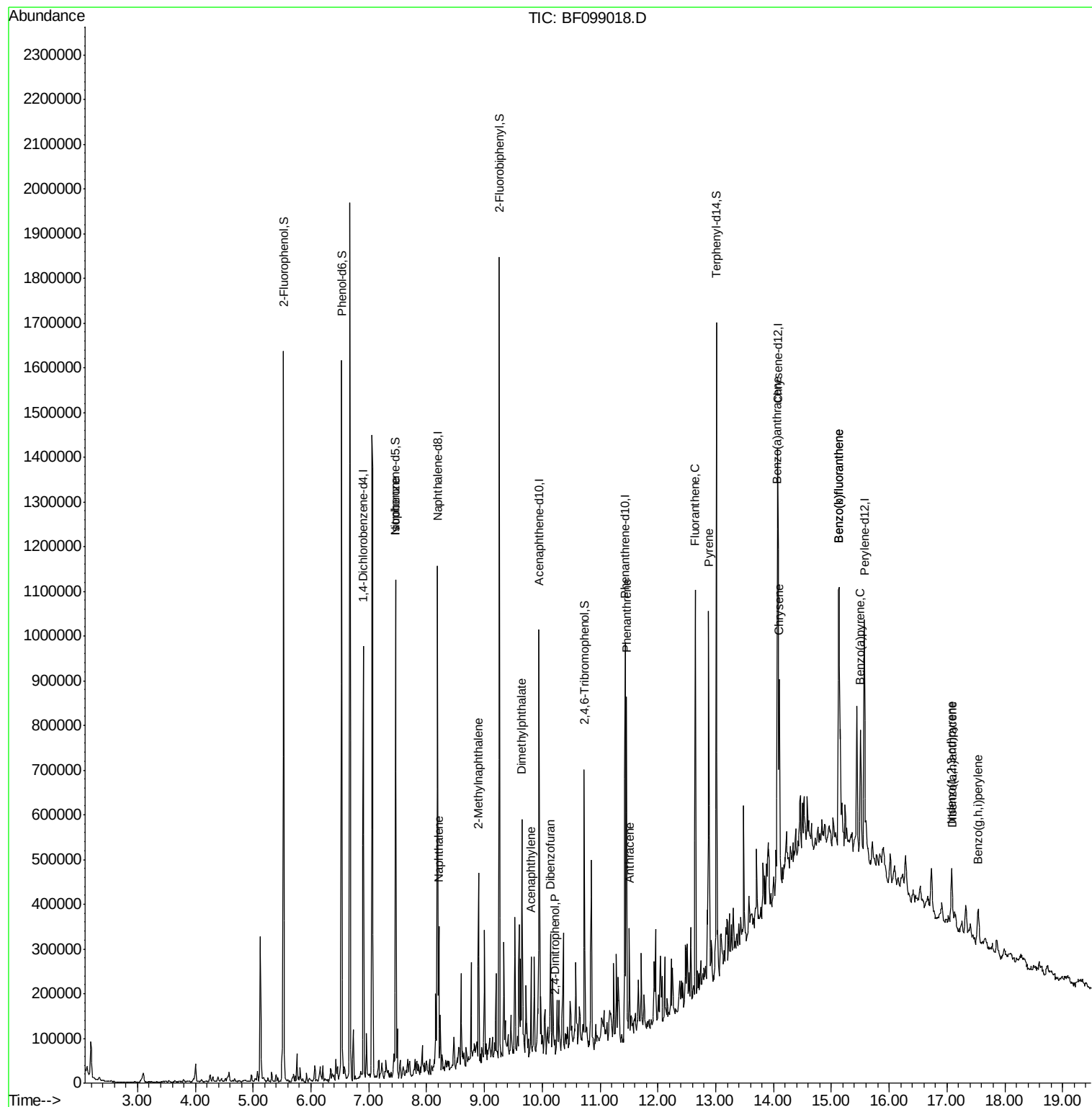
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.90  | 152  | 127394   | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8          | 8.19  | 136  | 460204   | 20.00 | ng    | -0.02    |
| 38) Acenaphthene-d10        | 9.94  | 164  | 175594   | 20.00 | ng    | -0.02    |
| 63) Phenanthrene-d10        | 11.43 | 188  | 272149   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12            | 14.07 | 240  | 261192   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12            | 15.57 | 264  | 219951   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.52  | 112  | 468652   | 58.56 | ng    | -0.02    |
| 7) Phenol-d6                | 6.53  | 99   | 568095   | 57.55 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.46  | 82   | 332281   | 46.30 | ng    | -0.02    |
| 41) 2,4,6-Tribromophenol    | 10.73 | 330  | 59321    | 41.29 | ng    | -0.02    |
| 44) 2-Fluorobiphenyl        | 9.26  | 172  | 566858   | 53.89 | ng    | -0.02    |
| 78) Terphenyl-d14           | 13.02 | 244  | 431865   | 37.60 | ng    | -0.02    |
| Target Compounds            |       |      |          |       |       |          |
| 25) Isophorone              | 7.46  | 82   | 330091   | 22.25 | ng    | # 64     |
| 31) Naphthalene             | 8.21  | 128  | 123797   | 5.73  | ng    | 99       |
| 37) 2-Methylnaphthalene     | 8.90  | 142  | 104318   | 7.42  | ng    | 99       |
| 48) Acenaphthylene          | 9.80  | 152  | 53814    | 3.10  | ng    | # 97     |
| 49) Dimethylphthalate       | 9.65  | 163  | 94613    | 7.14  | ng    | # 98     |
| 53) 2,4-Dinitrophenol       | 10.23 | 184  | 942      | 6.41  | ng    | # 42     |
| 54) Dibenzofuran            | 10.14 | 168  | 60401    | 4.13  | ng    | # 90     |
| 70) Phenanthrene            | 11.46 | 178  | 248352   | 17.05 | ng    | 98       |
| 71) Anthracene              | 11.51 | 178  | 93296    | 6.26  | ng    | 98       |
| 74) Fluoranthene            | 12.64 | 202  | 337476   | 22.88 | ng    | 98       |
| 77) Pyrene                  | 12.87 | 202  | 302527   | 15.19 | ng    | 98       |
| 80) Benzo(a)anthracene      | 14.06 | 228  | 194836   | 12.32 | ng    | 96       |
| 82) Chrysene                | 14.10 | 228  | 212488   | 14.11 | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene  | 17.08 | 276  | 80946    | 6.72  | ng    | 99       |
| 87) Benzo(b)fluoranthene    | 15.13 | 252  | 409422   | 30.27 | ng    | # 94     |
| 88) Benzo(k)fluoranthene    | 15.13 | 252  | 409422   | 30.65 | ng    | # 96     |
| 89) Benzo(a)pyrene          | 15.50 | 252  | 124609   | 10.04 | ng    | # 89     |
| 90) Dibenzo(a,h)anthracene  | 17.09 | 278  | 22052    | 2.22  | ng    | # 75     |
| 91) Benzo(a,h,i)perylene    | 17.54 | 276  | 67717    | 6.90  | ng    | 91       |

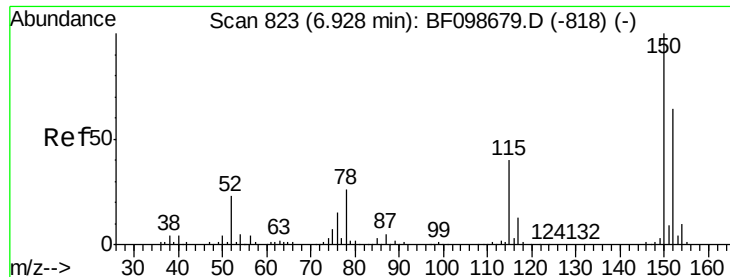
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA\_F  
ClientSampleId :

Quant Time: Oct 03 01:04:36 2017  
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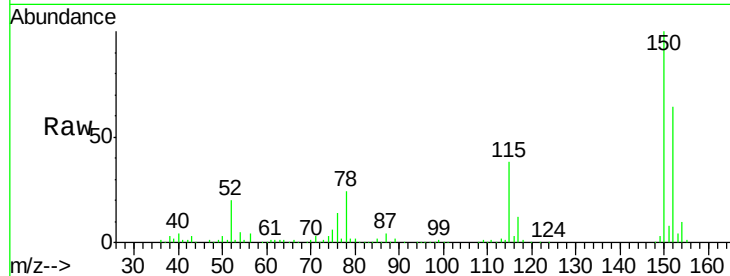




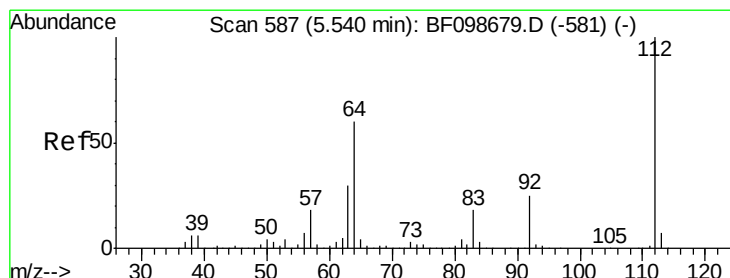
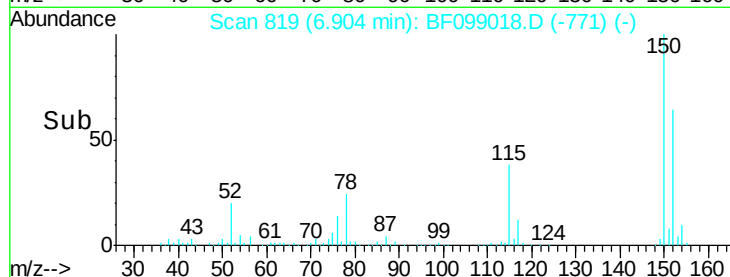
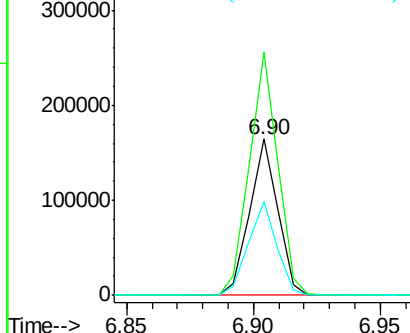
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.90 min Scan# 819  
 Delta R.T. -0.02 min  
 Lab File: BF099018.D  
 Acq: 2 Oct 2017 23:47

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:152 Resp: 127394  
 Ion Ratio Lower Upper  
 152 100  
 150 155.7 124.6 186.8  
 115 59.6 50.1 75.1

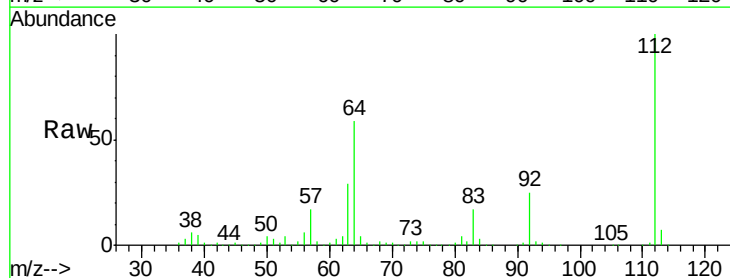


Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

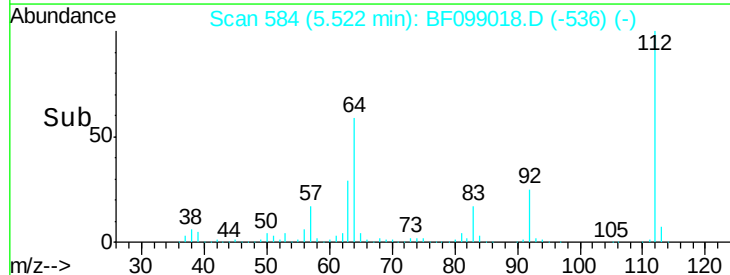
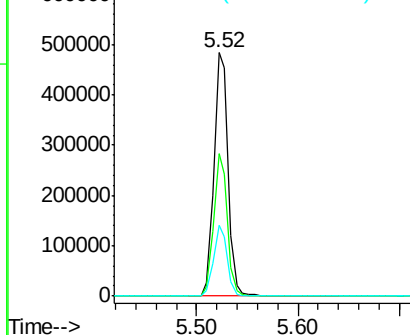


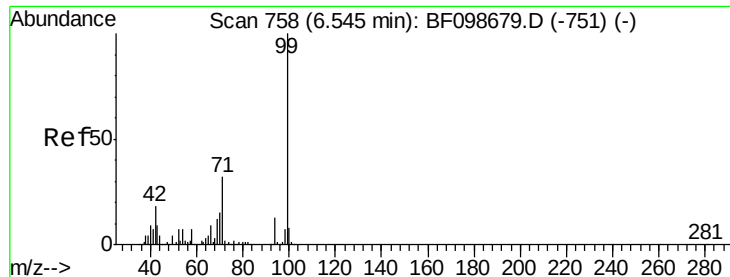
#5  
 2-Fluorophenol  
 Concen: 58.56 ng  
 RT: 5.52 min Scan# 584  
 Delta R.T. -0.02 min  
 Lab File: BF099018.D  
 Acq: 2 Oct 2017 23:47

Tgt Ion:112 Resp: 468652  
 Ion Ratio Lower Upper  
 112 100  
 64 58.6 47.9 71.9  
 63 29.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E  
 Ion 64.00 (63.70 to 64.70): BF0  
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 57.55 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF099018.D

Acq: 2 Oct 2017 23:47

Instrument :

BNA\_F

ClientSampleId :

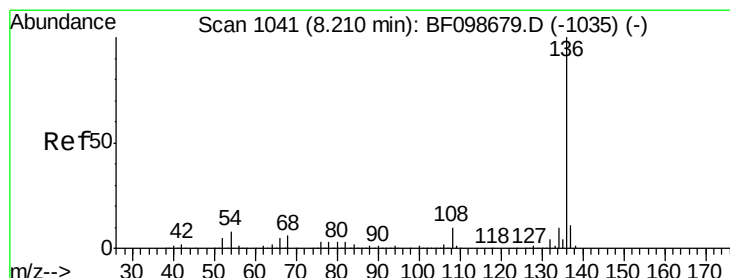
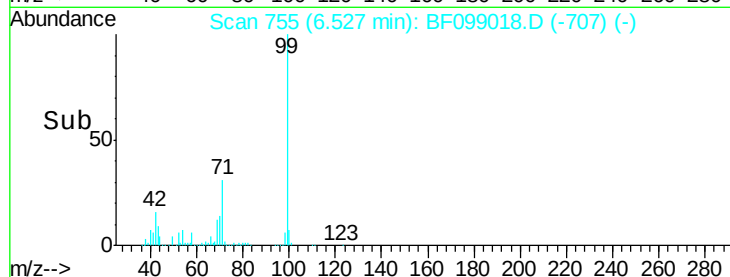
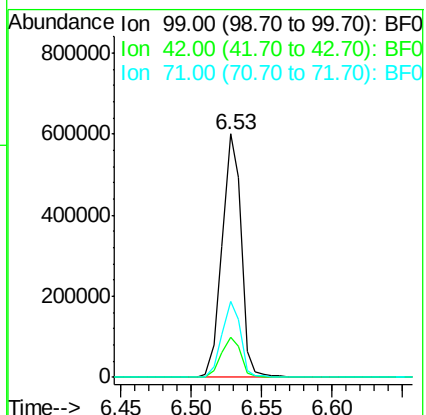
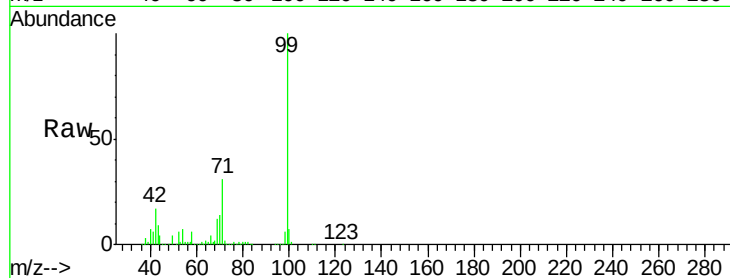
Tot Ion: 99 Resp: 568095

Ion Ratio Lower Upper

99 100

42 16.5 14.5 21.7

71 31.2 25.4 38.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.02 min

Lab File: BF099018.D

Acq: 2 Oct 2017 23:47

Tgt Ion: 136 Resp: 460204

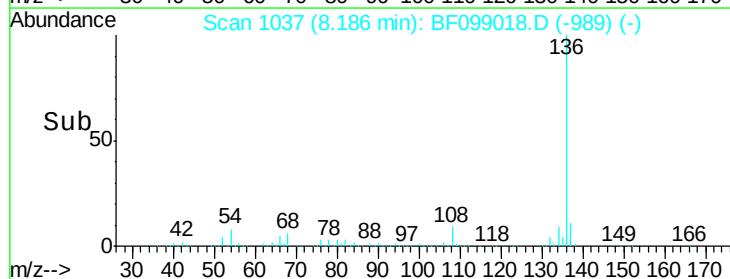
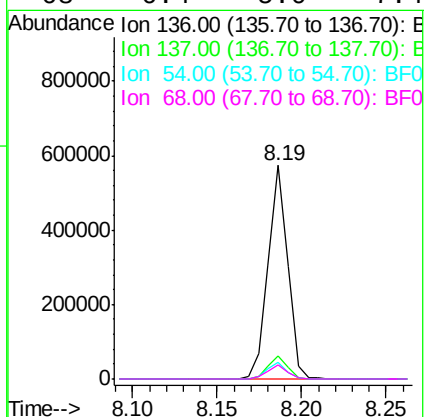
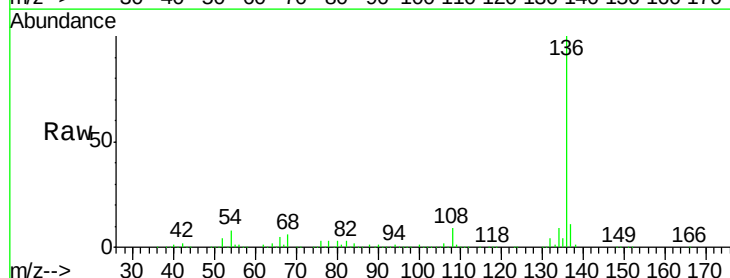
Ion Ratio Lower Upper

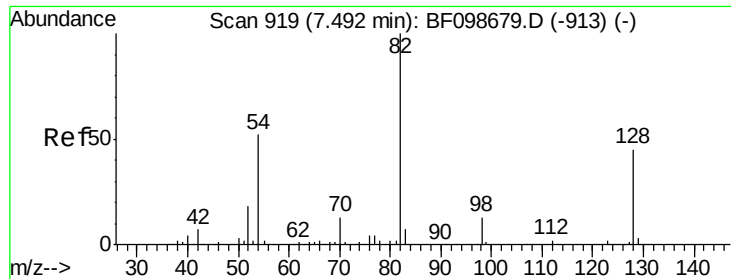
136 100

137 11.0 8.9 13.3

54 7.8 6.6 9.8

68 6.4 5.0 7.4

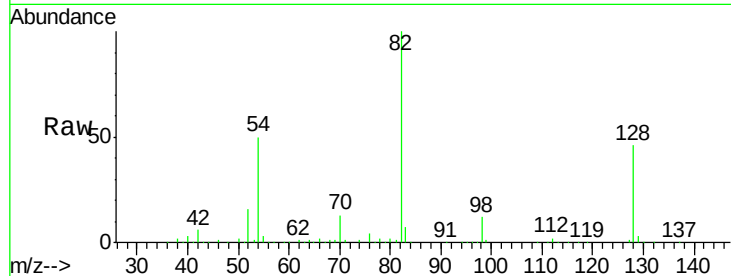




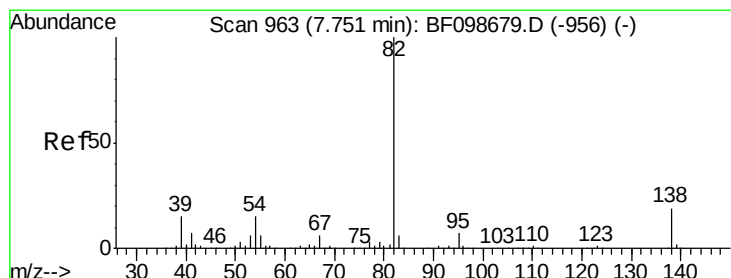
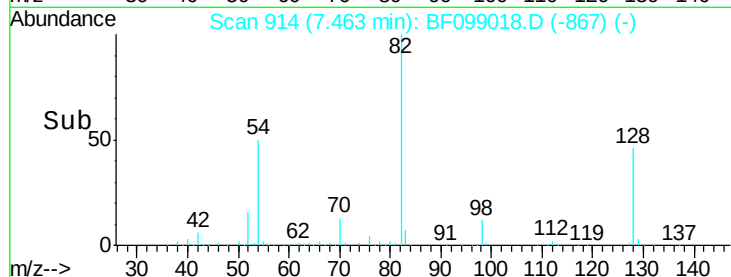
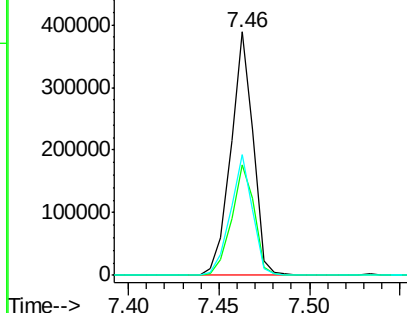
#23  
Nitrobenzene-d5  
Concen: 46.30 ng  
RT: 7.46 min Scan# 914  
Delta R.T. -0.02 min  
Lab File: BF099018.D  
Acq: 2 Oct 2017 23:47

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion: 82 Resp: 332281  
Ion Ratio Lower Upper  
82 100  
128 45.5 36.1 54.1  
54 49.6 41.4 62.2

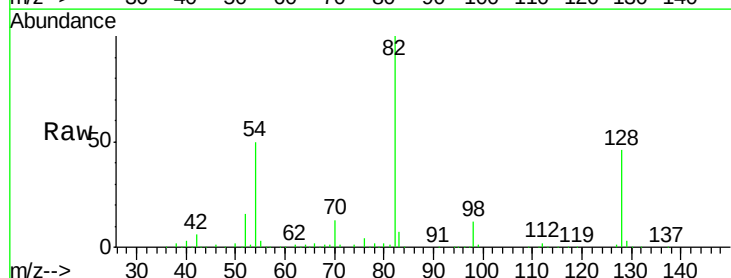


Abundance Ion 82.00 (81.70 to 82.70): BF0  
Ion 128.00 (127.70 to 128.70): BF0  
Ion 54.00 (53.70 to 54.70): BF0

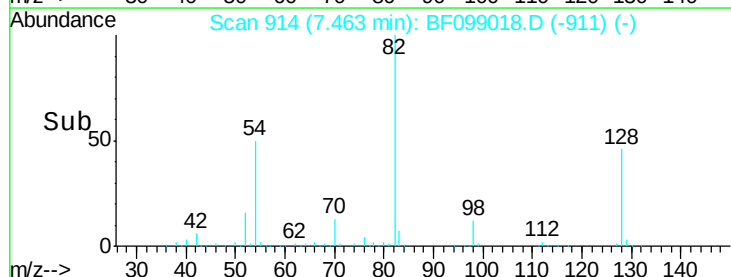
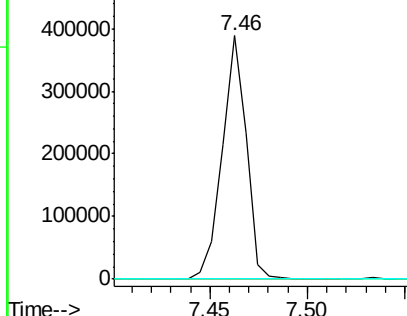


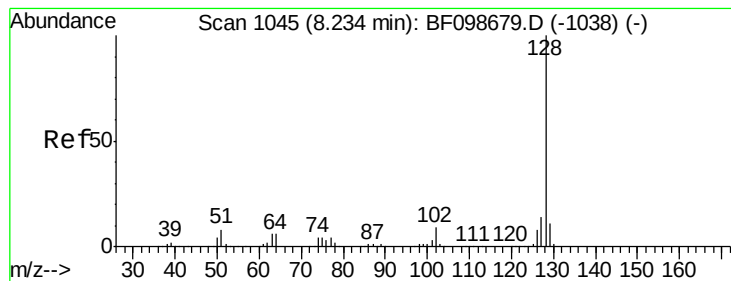
#25  
Isophorone  
Concen: 22.25 ng  
RT: 7.46 min Scan# 914  
Delta R.T. -0.28 min  
Lab File: BF099018.D  
Acq: 2 Oct 2017 23:47

Tgt Ion: 82 Resp: 330091  
Ion Ratio Lower Upper  
82 100  
95 0.2 5.2 7.8#  
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0  
Ion 95.00 (94.70 to 95.70): BF0  
Ion 138.00 (137.70 to 138.70): BF0





#31

Naphthalene

Concen: 5.73 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.02 min

Lab File: BF099018.D

Acq: 2 Oct 2017 23:47

Instrument :

BNA\_F

ClientSampleId :

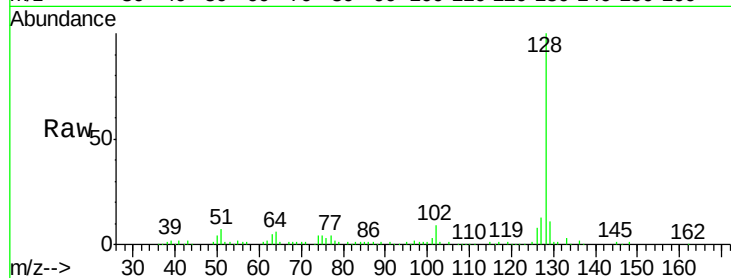
Tot Ion:128 Resp: 123797

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

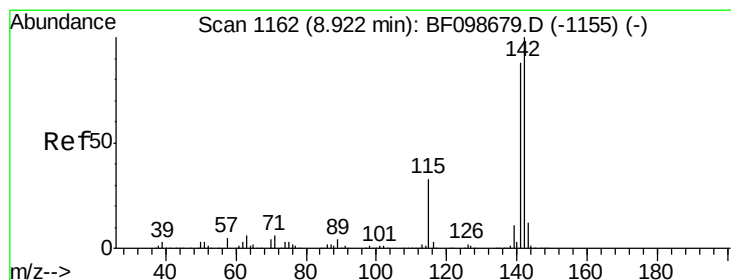
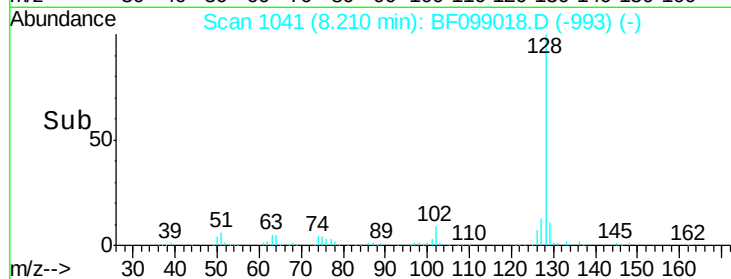
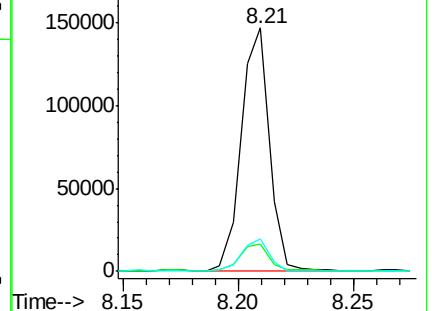
127 13.1 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 7.42 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.02 min

Lab File: BF099018.D

Acq: 2 Oct 2017 23:47

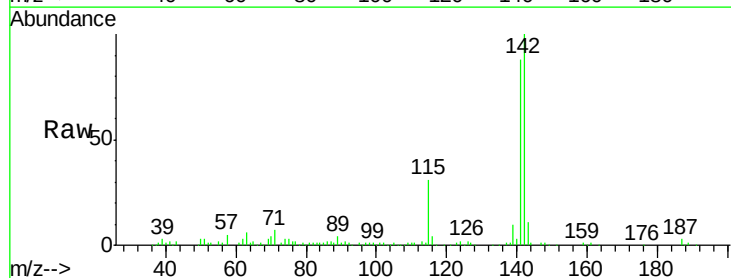
Tgt Ion:142 Resp: 104318

Ion Ratio Lower Upper

142 100

141 88.4 70.8 106.2

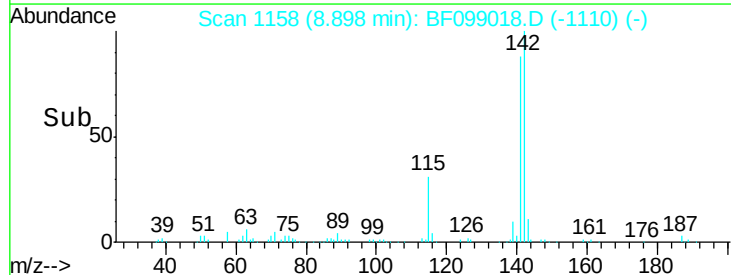
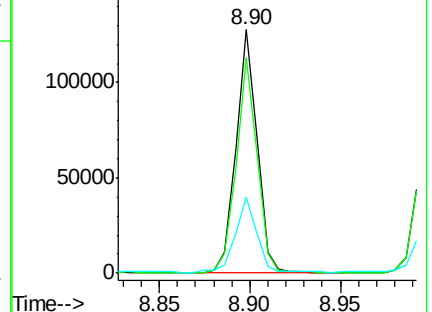
115 31.1 26.1 39.1

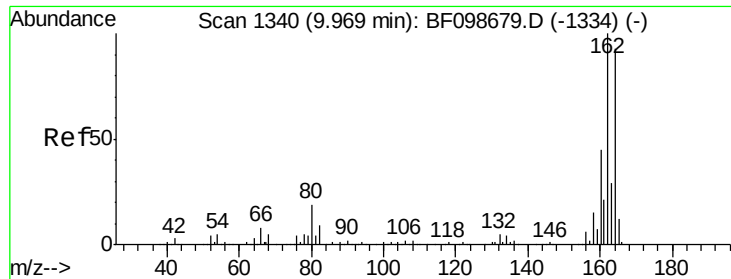


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

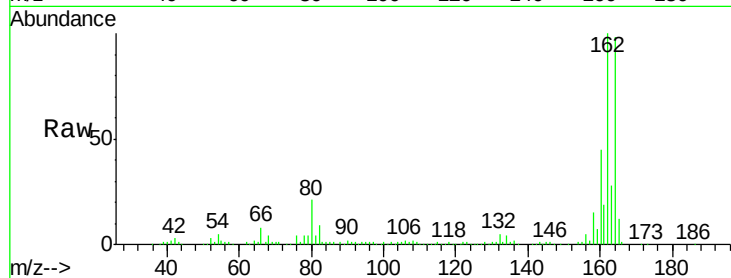




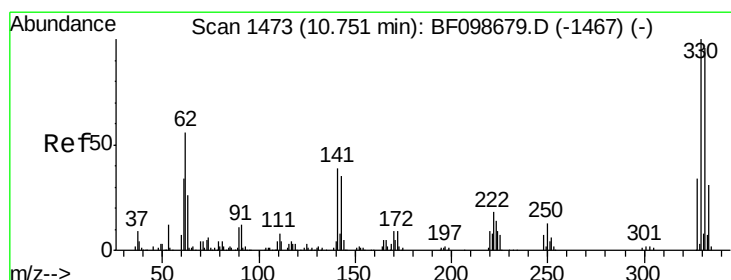
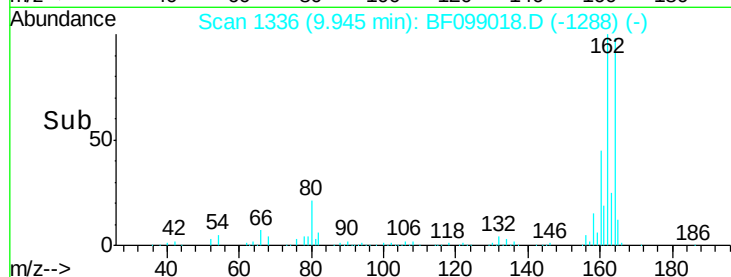
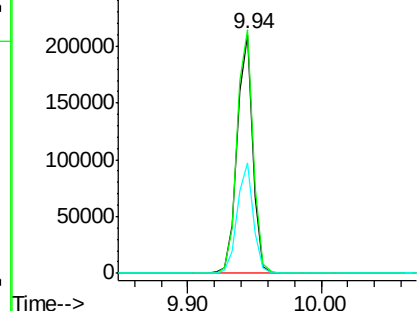
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.94 min Scan# 1336  
 Delta R.T. -0.02 min  
 Lab File: BF099018.D  
 Acq: 2 Oct 2017 23:47

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:164 Resp: 175594  
 Ion Ratio Lower Upper  
 164 100  
 162 101.8 86.1 129.1  
 160 46.1 38.3 57.5

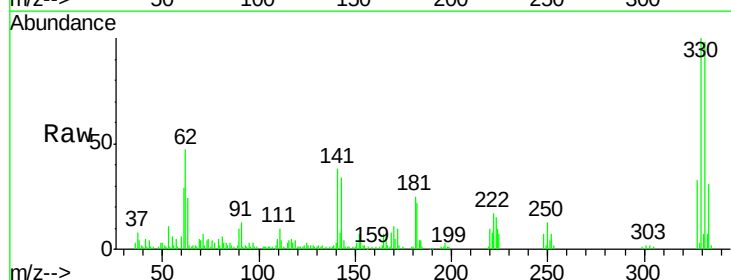


Abundance Ion 164.00 (163.70 to 164.70): E  
 Ion 162.00 (161.70 to 162.70): E  
 Ion 160.00 (159.70 to 160.70): E

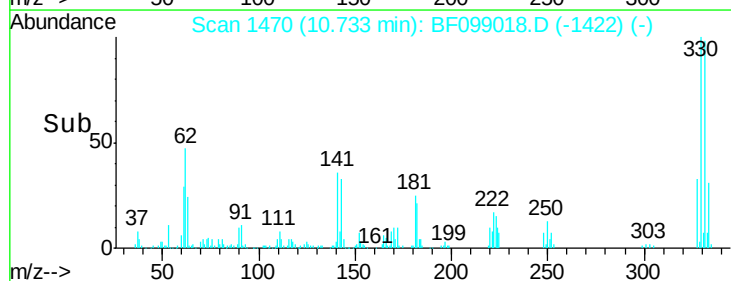
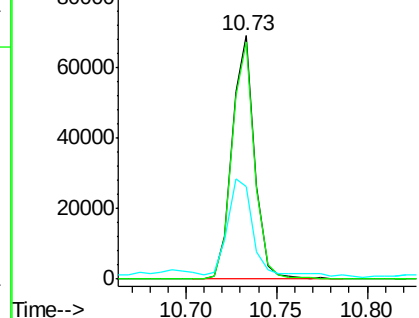


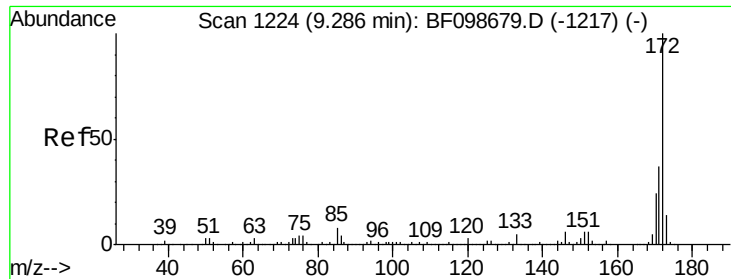
#41  
 2,4,6-Tribromophenol  
 Concen: 41.29 ng  
 RT: 10.73 min Scan# 1470  
 Delta R.T. -0.02 min  
 Lab File: BF099018.D  
 Acq: 2 Oct 2017 23:47

Tgt Ion:330 Resp: 59321  
 Ion Ratio Lower Upper  
 330 100  
 332 97.8 77.0 115.6  
 141 48.1 29.9 44.9#



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

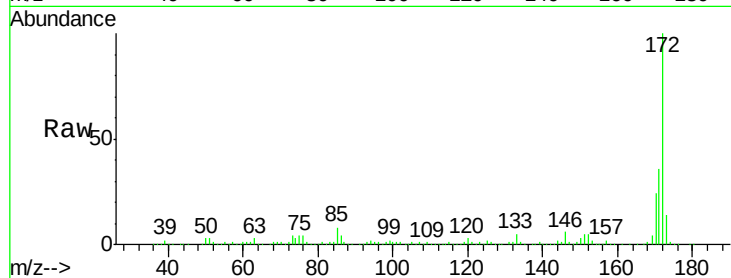




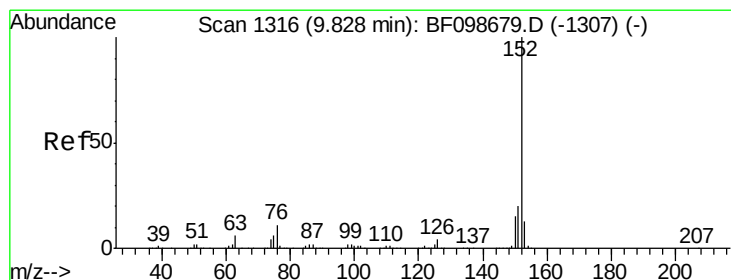
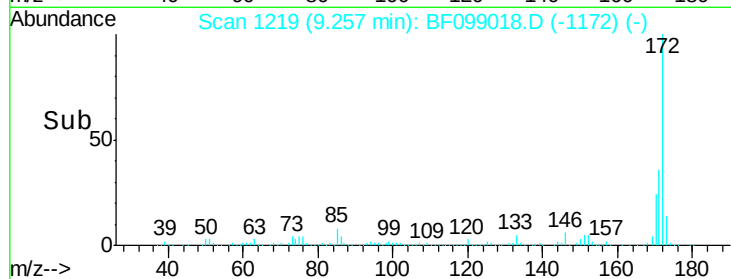
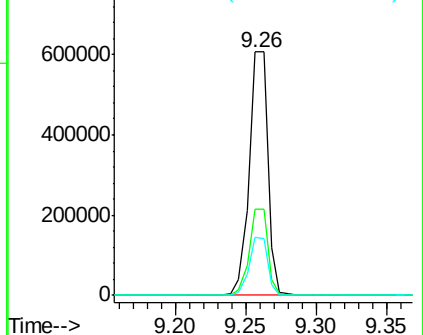
#44  
 2-Fluorobiphenyl  
 Concen: 53.89 ng  
 RT: 9.26 min Scan# 1219  
 Delta R.T. -0.02 min  
 Lab File: BF099018.D  
 Acq: 2 Oct 2017 23:47

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.5  | 29.7  | 44.5  |
| 170     | 24.0  | 19.6  | 29.4  |

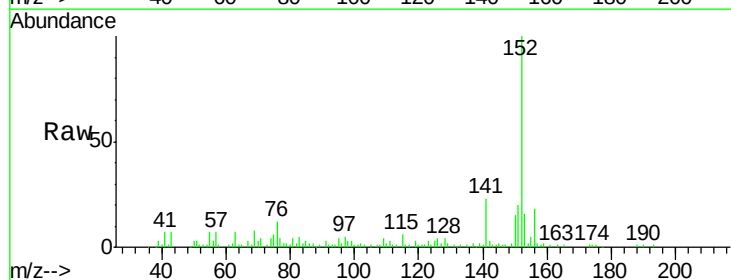


Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

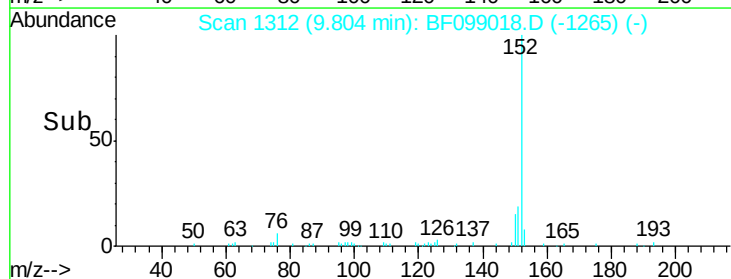
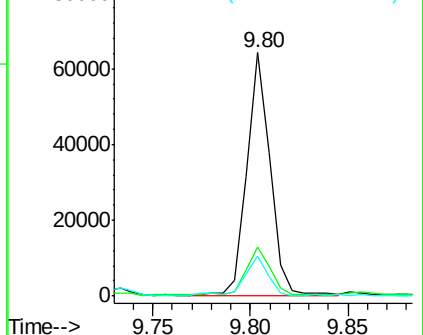


#48  
 Acenaphthylene  
 Concen: 3.10 ng  
 RT: 9.80 min Scan# 1312  
 Delta R.T. -0.02 min  
 Lab File: BF099018.D  
 Acq: 2 Oct 2017 23:47

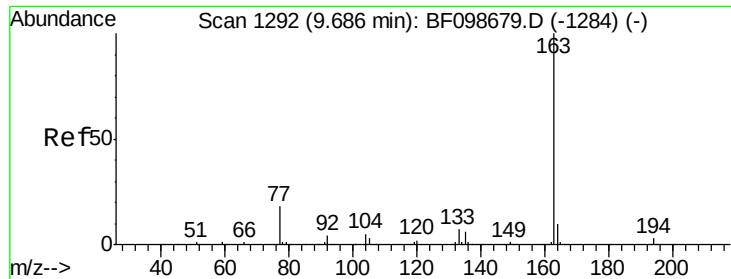
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.1  | 16.3  | 24.5  |
| 153     | 16.4  | 10.7  | 16.1# |



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



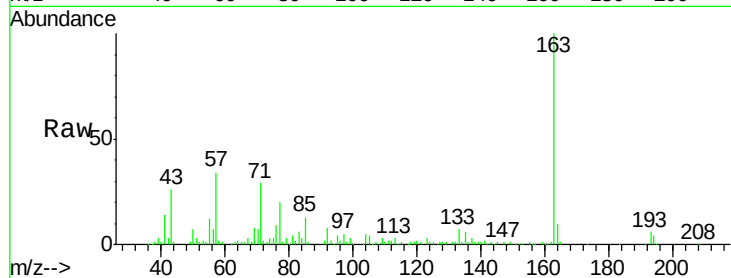




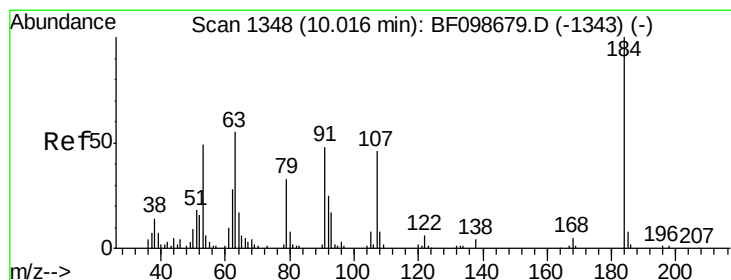
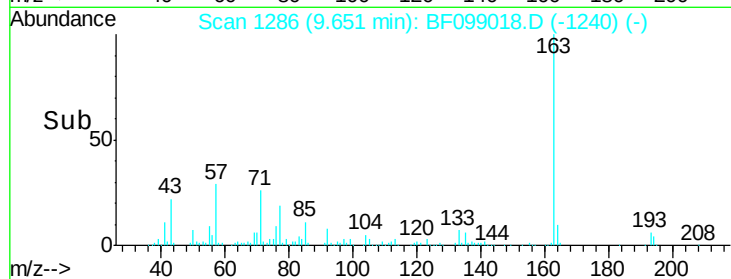
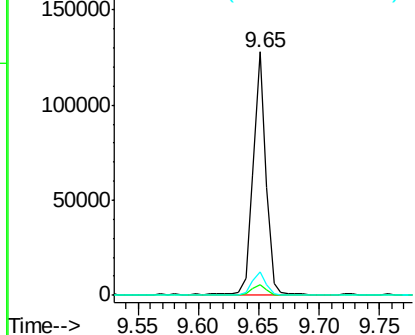
#49  
Dimethylphthalate  
Concen: 7.14 ng  
RT: 9.65 min Scan# 1286  
Delta R.T. -0.03 min  
Lab File: BF099018.D  
Acq: 2 Oct 2017 23:47

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:163 Resp: 94613  
Ion Ratio Lower Upper  
163 100  
194 4.3 2.7 4.1#  
164 9.6 8.2 12.2

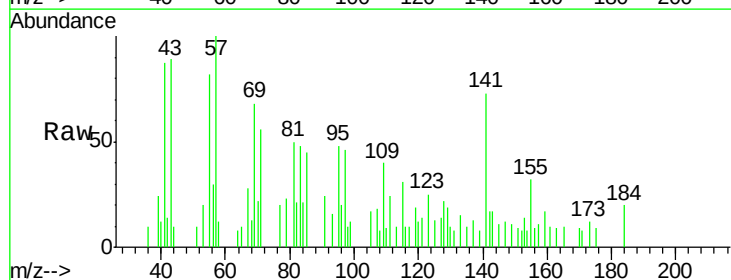


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

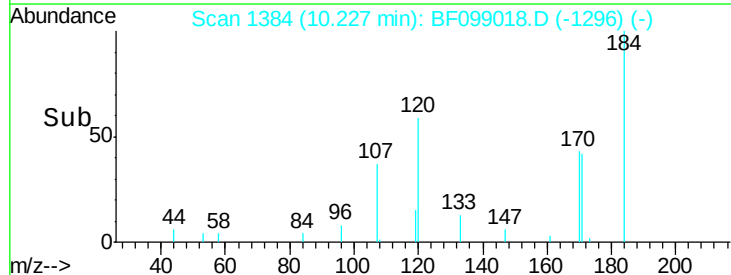
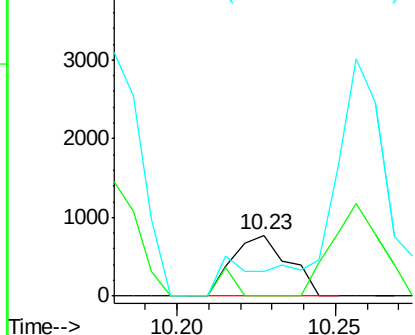


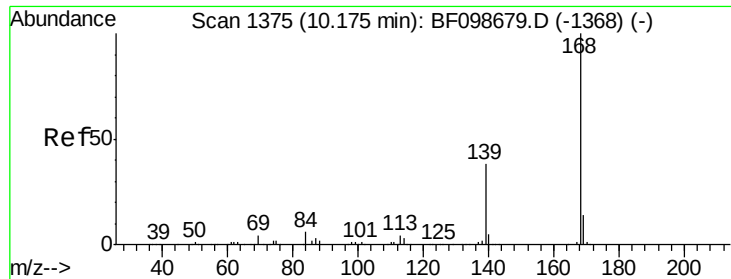
#53  
2,4-Dinitrophenol  
Concen: 6.41 ng  
RT: 10.23 min Scan# 1384  
Delta R.T. 0.22 min  
Lab File: BF099018.D  
Acq: 2 Oct 2017 23:47

Tgt Ion:184 Resp: 942  
Ion Ratio Lower Upper  
184 100  
63 0.0 54.2 81.2#  
154 41.4 53.5 80.3#



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 154.00 (153.70 to 154.70): E

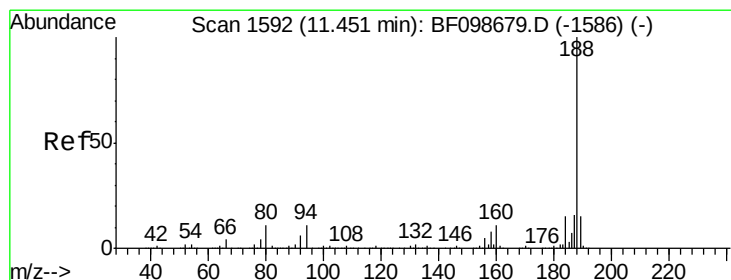
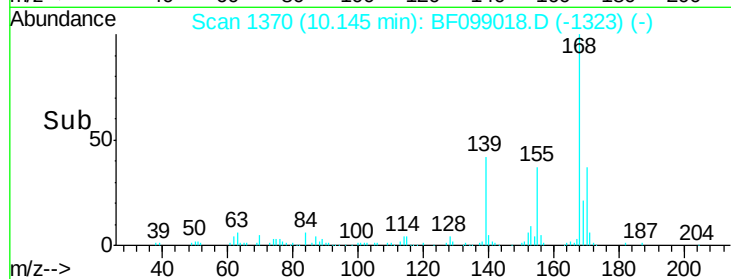
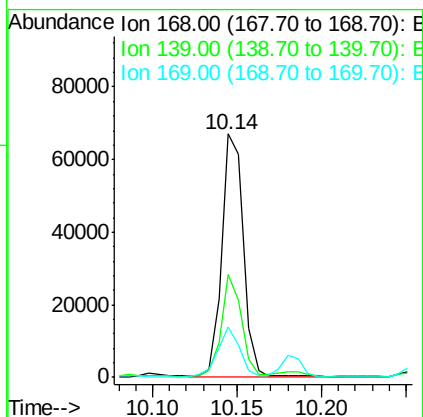
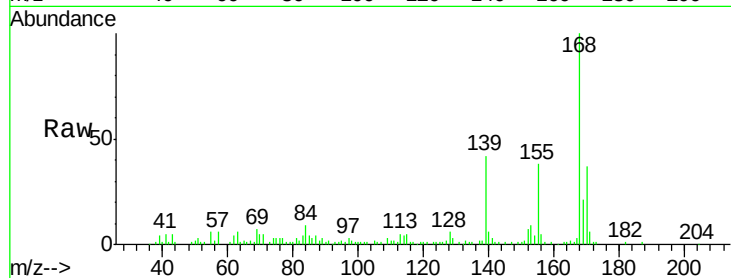




#54  
Dibenzofuran  
Concen: 4.13 ng  
RT: 10.14 min Scan# 1370  
Delta R.T. -0.02 min  
Lab File: BF099018.D  
Acq: 2 Oct 2017 23:47

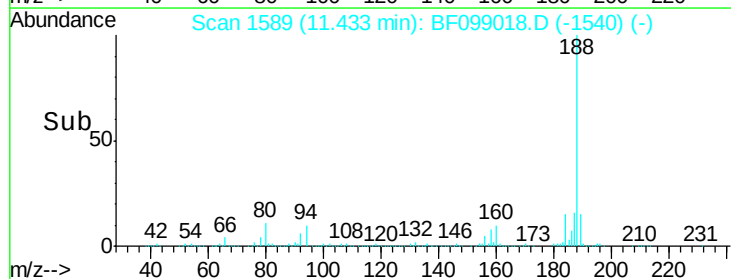
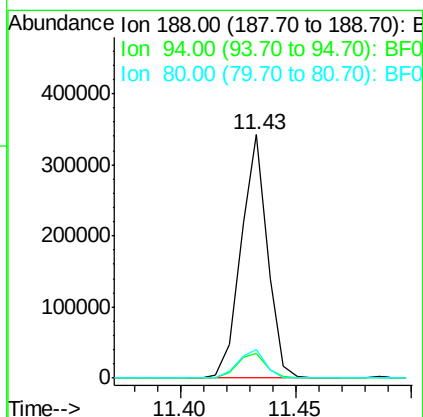
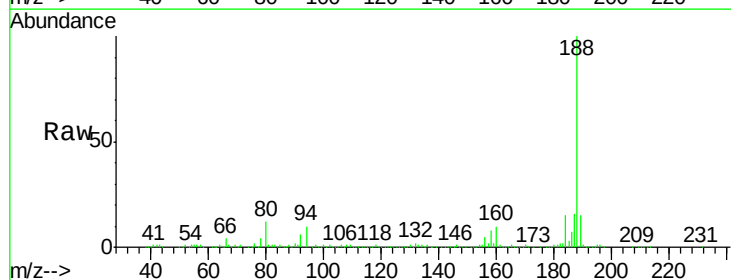
Instrument :  
BNA\_F  
ClientSampleId :

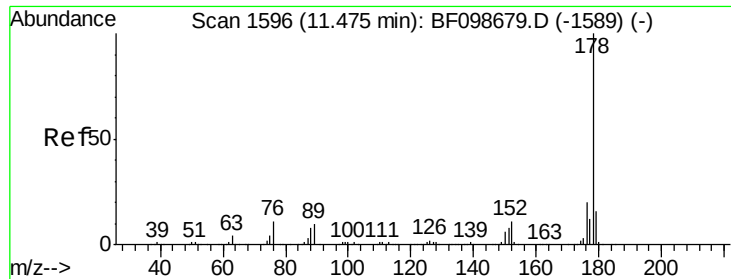
Tot Ion:168 Resp: 60401  
Ion Ratio Lower Upper  
168 100  
139 42.2 30.1 45.1  
169 20.6 10.9 16.3#



#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.43 min Scan# 1589  
Delta R.T. -0.01 min  
Lab File: BF099018.D  
Acq: 2 Oct 2017 23:47

Tgt Ion:188 Resp: 272149  
Ion Ratio Lower Upper  
188 100  
94 10.4 8.5 12.7  
80 11.6 9.2 13.8





#70

Phenanthrene

Concen: 17.05 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.02 min

Lab File: BF099018.D

Acq: 2 Oct 2017 23:47

Instrument :

BNA\_F

ClientSampleId :

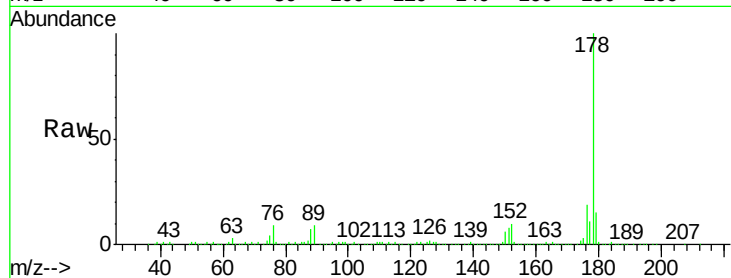
Tot Ion:178 Resp: 248352

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.8

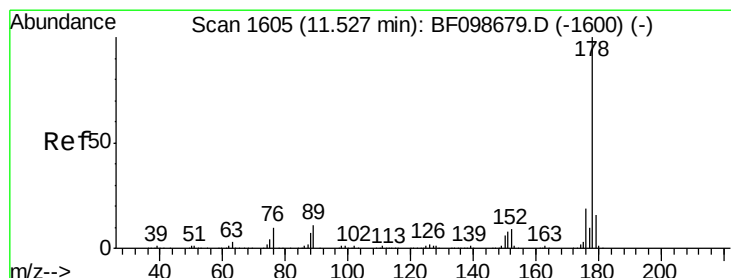
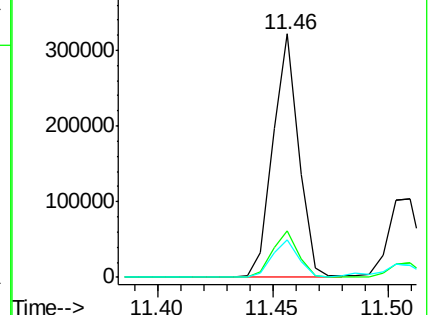
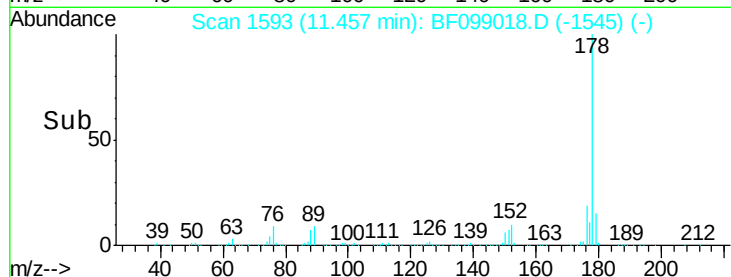
179 15.5 13.0 19.6



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: 6.26 ng

RT: 11.51 min Scan# 1602

Delta R.T. -0.02 min

Lab File: BF099018.D

Acq: 2 Oct 2017 23:47

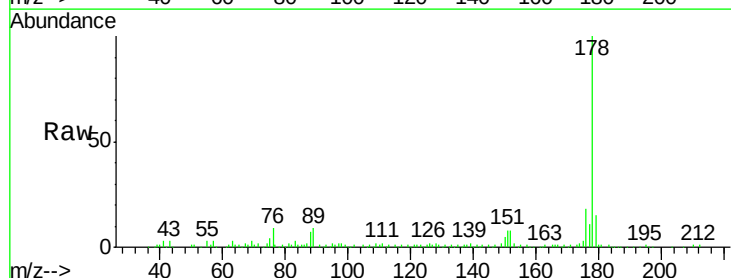
Tgt Ion:178 Resp: 93296

Ion Ratio Lower Upper

178 100

176 18.3 15.4 23.2

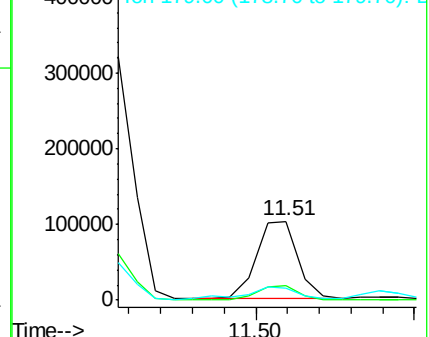
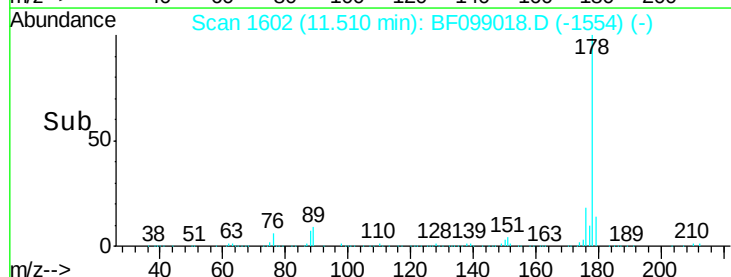
179 14.6 12.6 19.0

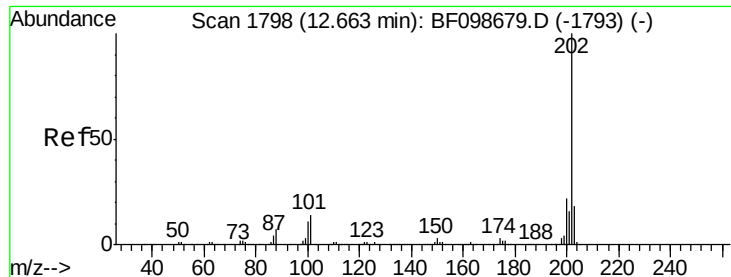


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 22.88 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.02 min

Lab File: BF099018.D

Acq: 2 Oct 2017 23:47

Instrument :

BNA\_F

ClientSampled :

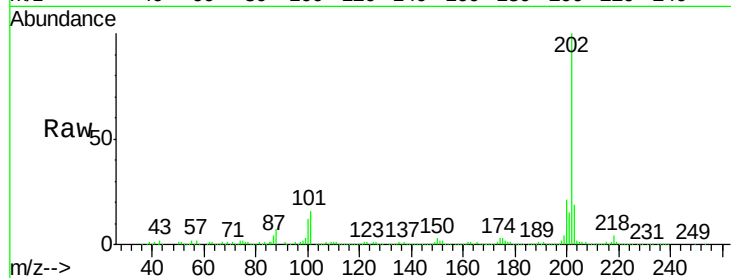
Tot Ion:202 Resp: 337476

Ion Ratio Lower Upper

202 100

101 15.6 0.0 34.1

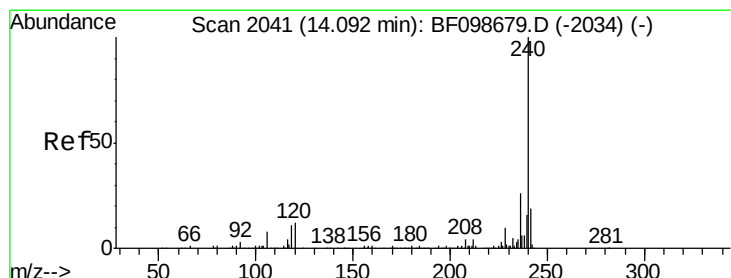
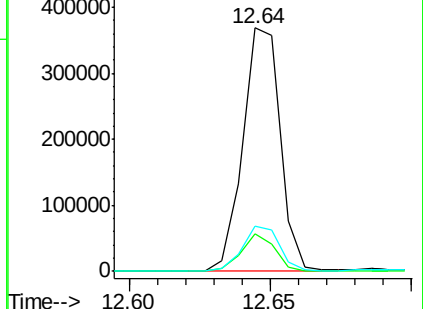
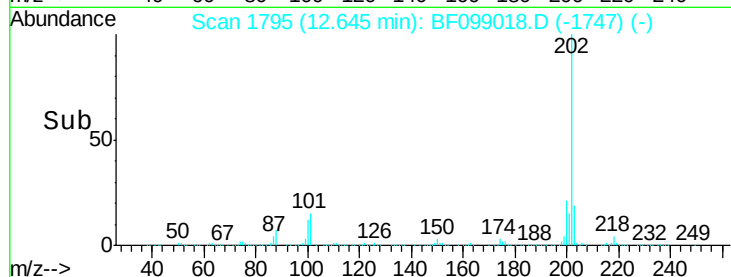
203 18.7 0.0 38.1



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: 20.00 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF099018.D

Acq: 2 Oct 2017 23:47

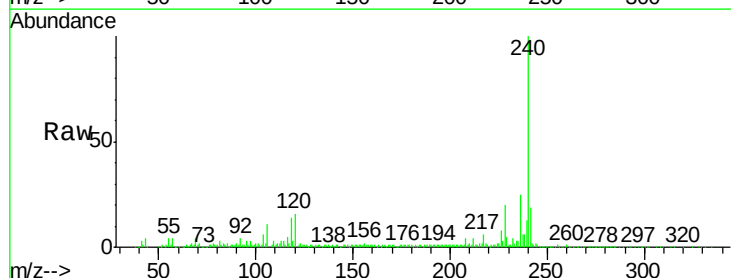
Tgt Ion:240 Resp: 261192

Ion Ratio Lower Upper

240 100

120 15.6 9.5 14.3#

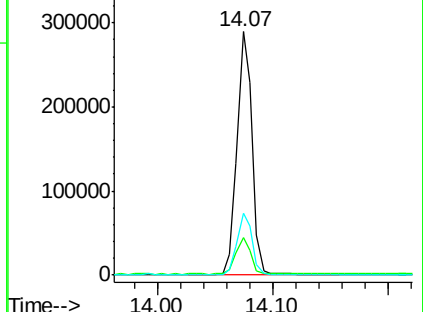
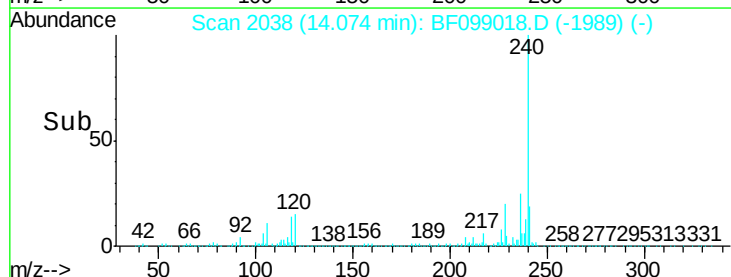
236 25.5 20.7 31.1

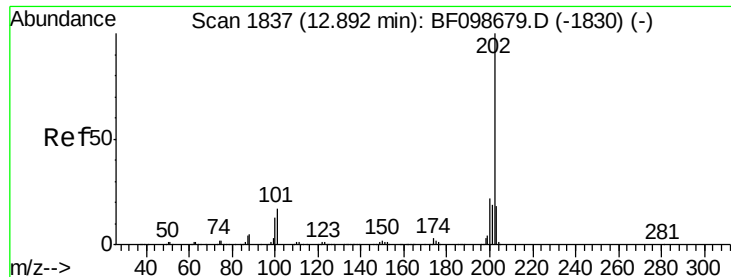


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 15.19 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BF099018.D

Acq: 2 Oct 2017 23:47

Instrument :

BNA\_F

ClientSampleId :

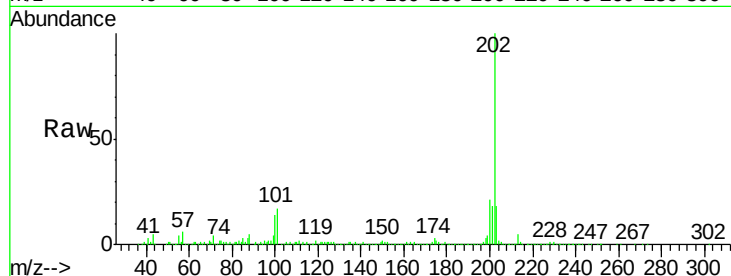
Tot Ion:202 Resp: 302527

Ion Ratio Lower Upper

202 100

200 20.6 17.4 26.2

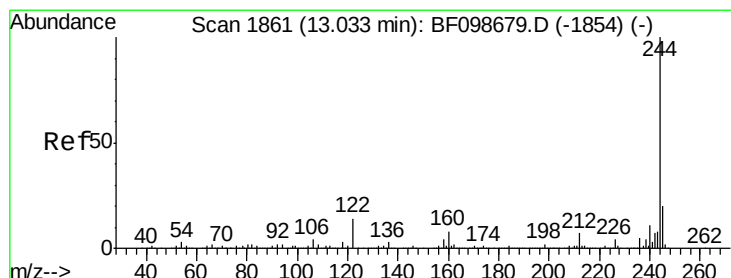
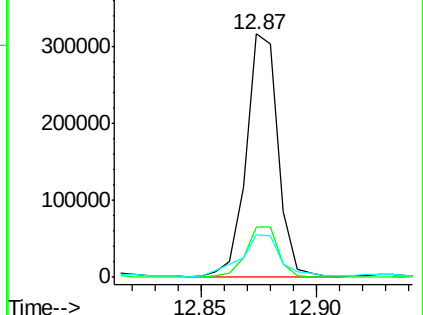
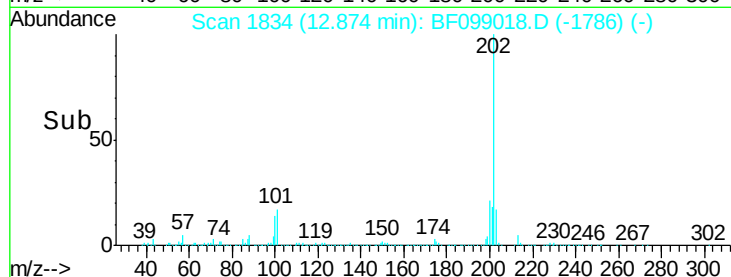
203 17.7 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 37.60 ng

RT: 13.02 min Scan# 1858

Delta R.T. -0.02 min

Lab File: BF099018.D

Acq: 2 Oct 2017 23:47

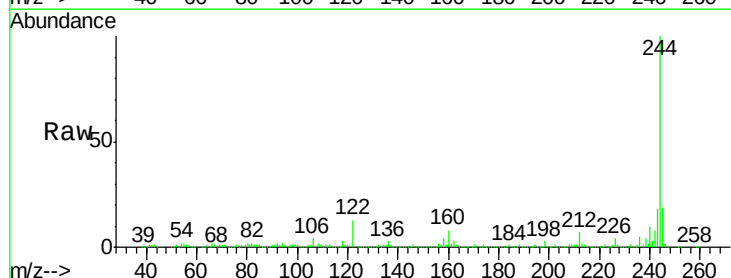
Tgt Ion:244 Resp: 431865

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

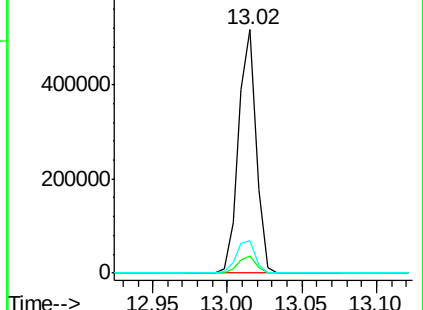
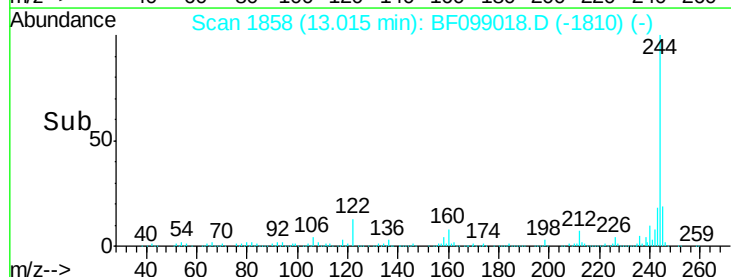
122 13.2 11.0 16.4

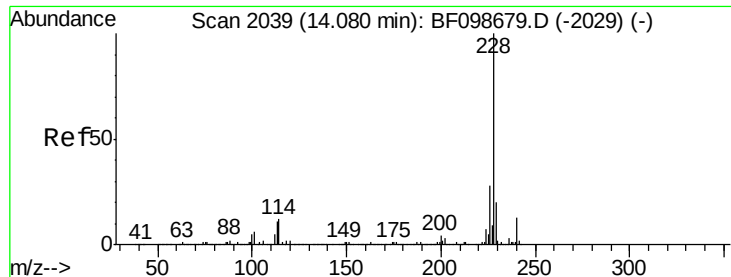


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

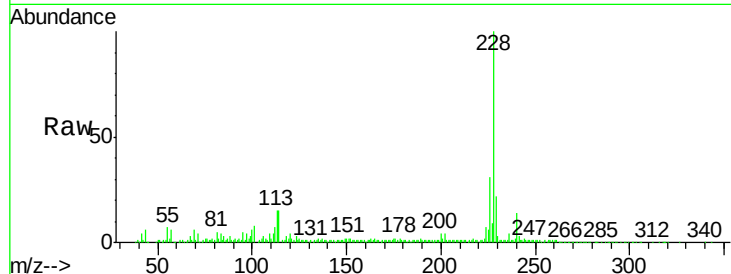




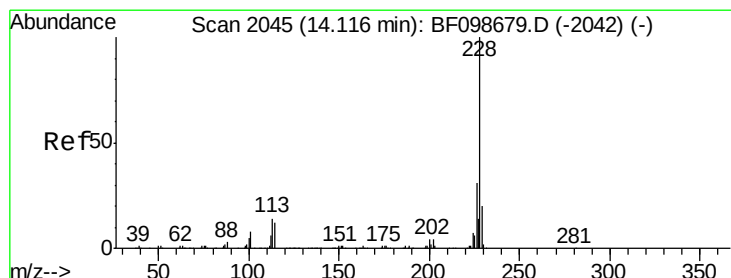
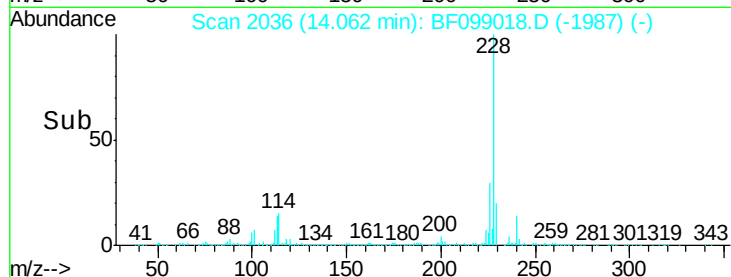
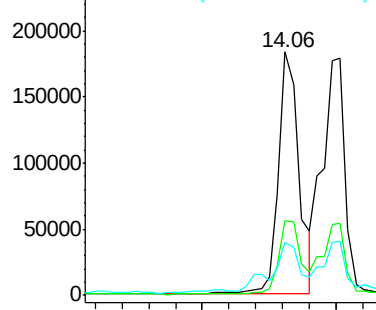
#80  
Benzo(a)anthracene  
Concen: 12.32 ng  
RT: 14.06 min Scan# 2036  
Delta R.T. -0.01 min  
Lab File: BF099018.D  
Acq: 2 Oct 2017 23:47

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.6  | 22.6  | 33.8  |
| 229     | 21.6  | 15.8  | 23.6  |

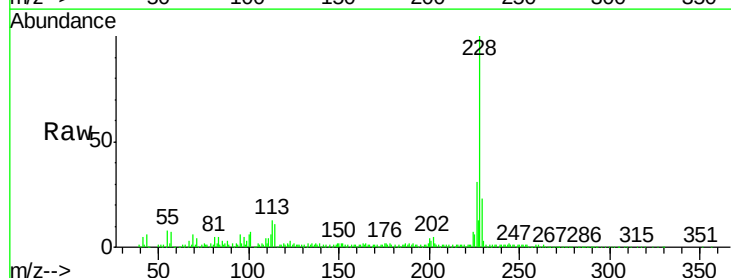


Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E

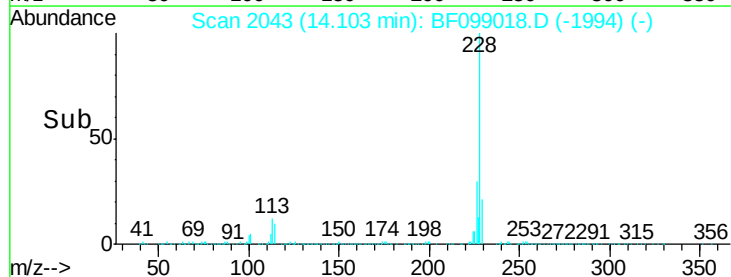
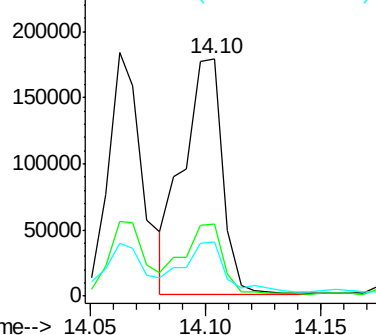


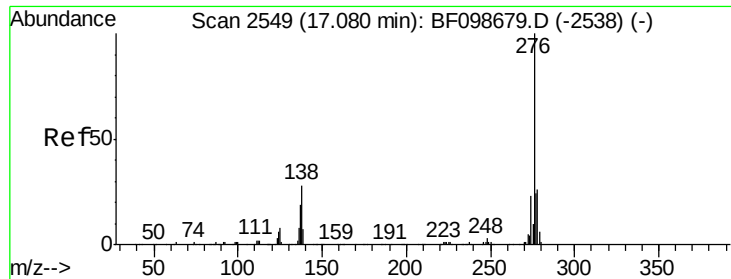
#82  
Chrysene  
Concen: 14.11 ng  
RT: 14.10 min Scan# 2043  
Delta R.T. -0.01 min  
Lab File: BF099018.D  
Acq: 2 Oct 2017 23:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.5  | 25.0  | 37.6  |
| 229     | 22.6  | 16.2  | 24.4  |



Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E

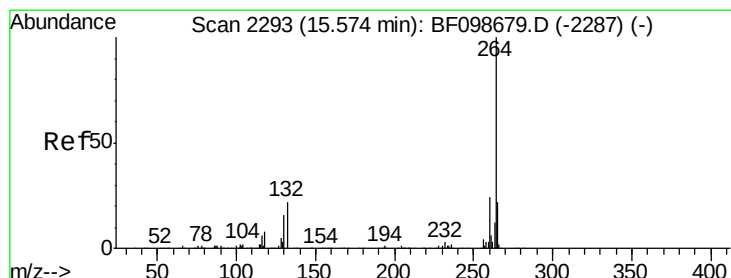
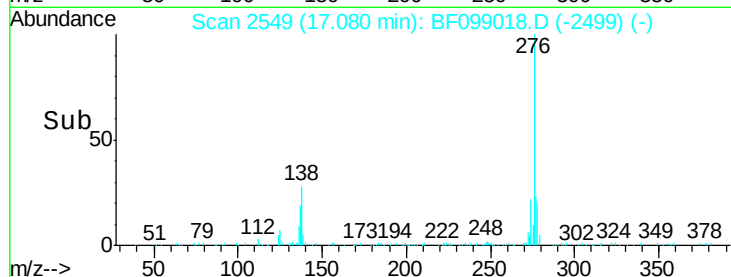
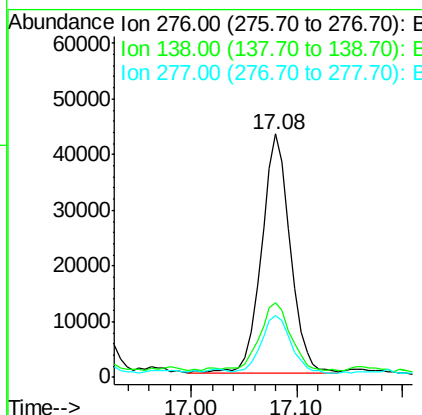
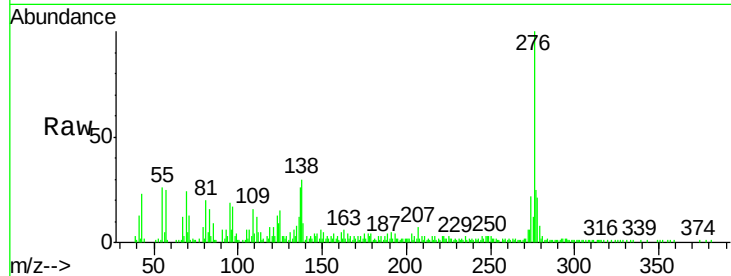




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 6.72 ng  
 RT: 17.08 min Scan# 2549  
 Delta R.T. -0.01 min  
 Lab File: BF099018.D  
 Acq: 2 Oct 2017 23:47

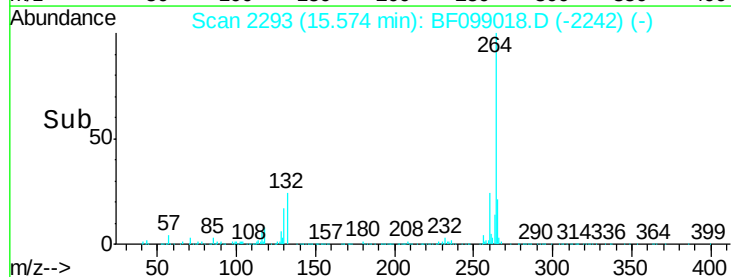
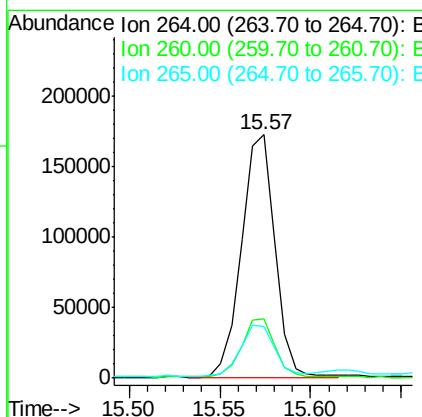
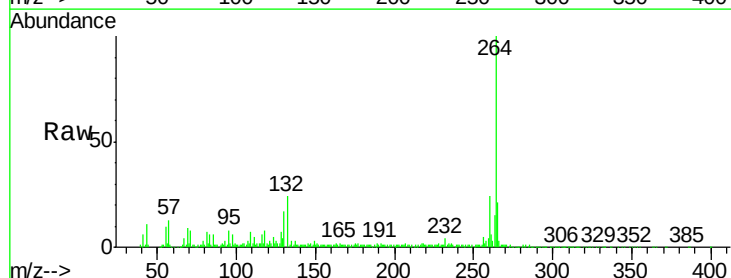
Instrument :  
 BNA\_F  
 ClientSampleId :

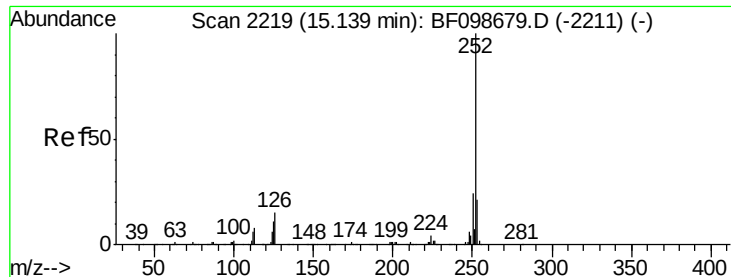
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 31.7  | 25.0  | 37.6  |
| 277     | 25.6  | 20.1  | 30.1  |



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.57 min Scan# 2293  
 Delta R.T. -0.00 min  
 Lab File: BF099018.D  
 Acq: 2 Oct 2017 23:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.3  | 19.2  | 28.8  |
| 265     | 21.0  | 17.5  | 26.3  |





#87

Benzo(b)fluoranthene

Concen: 30.27 ng

RT: 15.13 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BF099018.D

Acq: 2 Oct 2017 23:47

Instrument :

BNA\_F

ClientSampled :

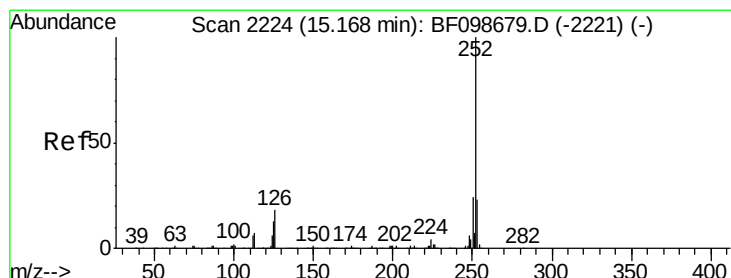
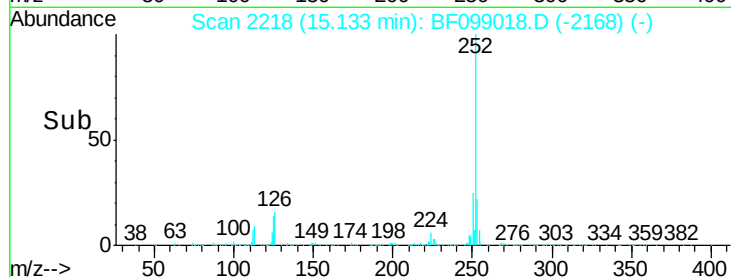
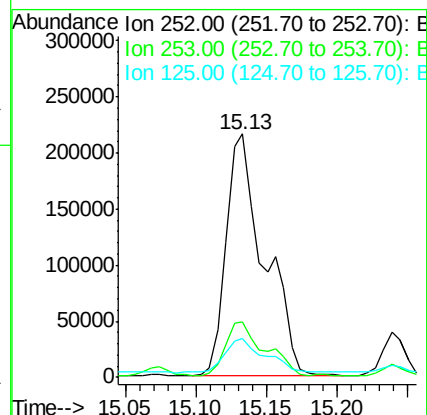
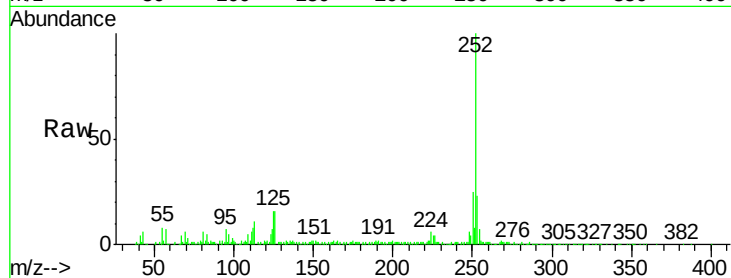
Tot Ion:252 Resp: 409422

Ion Ratio Lower Upper

252 100

253 22.7 17.0 25.6

125 16.2 9.0 13.6#



#88

Benzo(k)fluoranthene

Concen: 30.65 ng

RT: 15.13 min Scan# 2218

Delta R.T. -0.04 min

Lab File: BF099018.D

Acq: 2 Oct 2017 23:47

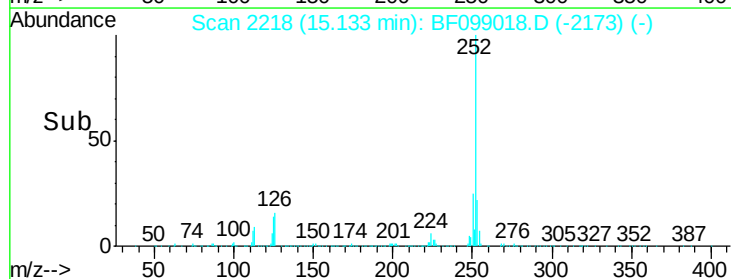
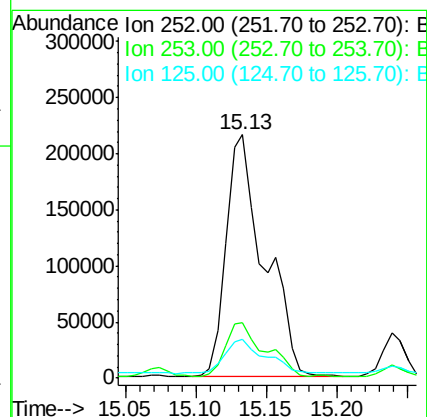
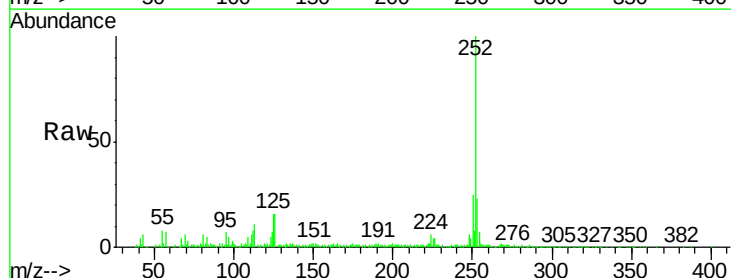
Tgt Ion:252 Resp: 409422

Ion Ratio Lower Upper

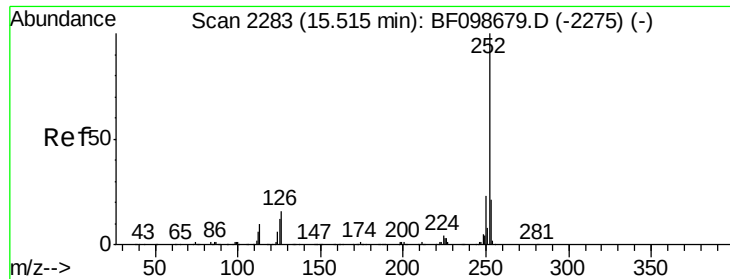
252 100

253 22.7 17.9 26.9

125 16.2 10.2 15.2#



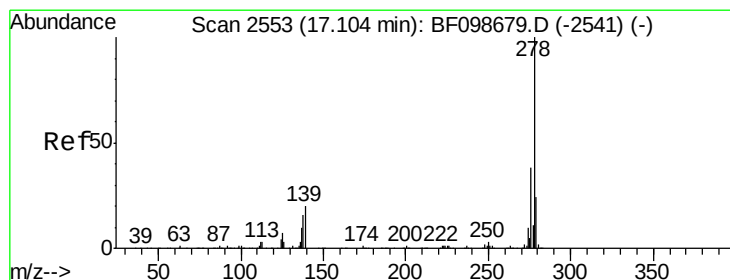
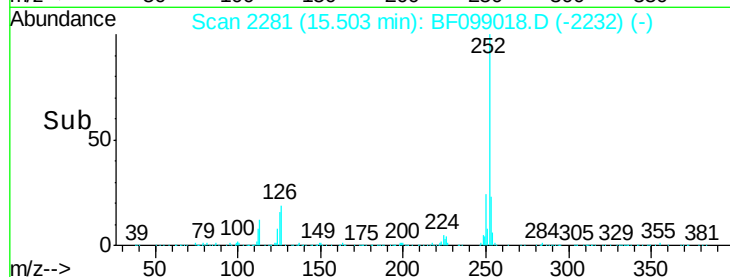
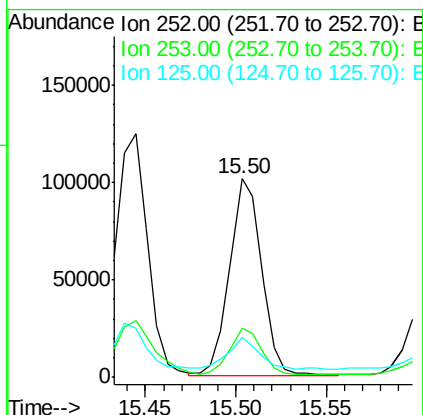
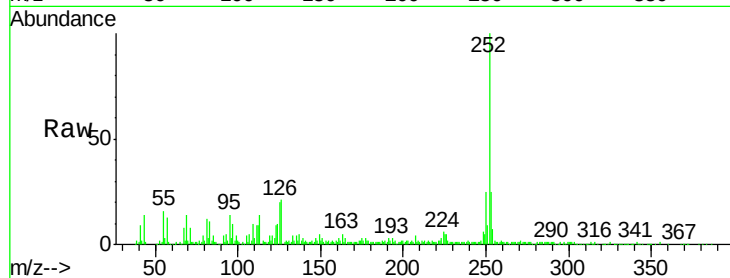




#89  
Benzo(a)pyrene  
Concen: 10.04 ng  
RT: 15.50 min Scan# 2281  
Delta R.T. -0.01 min  
Lab File: BF099018.D  
Acq: 2 Oct 2017 23:47

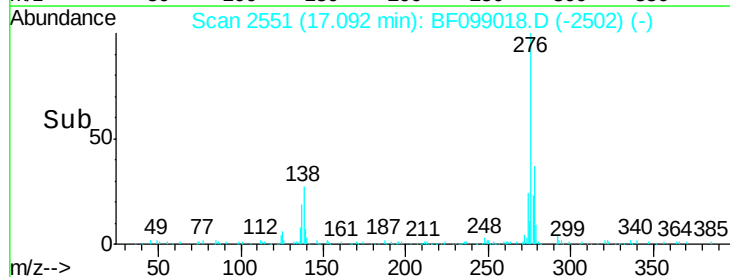
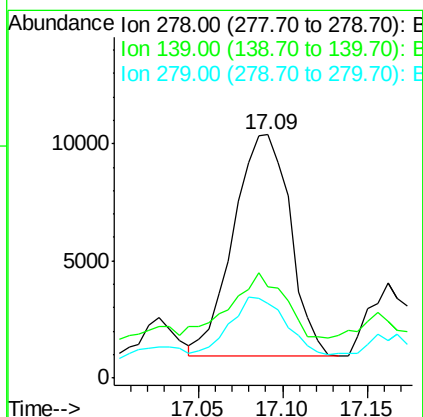
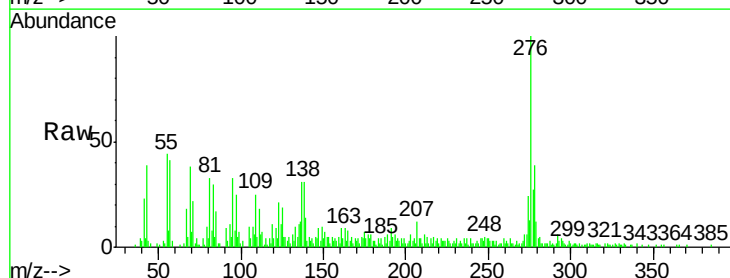
Instrument :  
BNA\_F  
ClientSampleId :

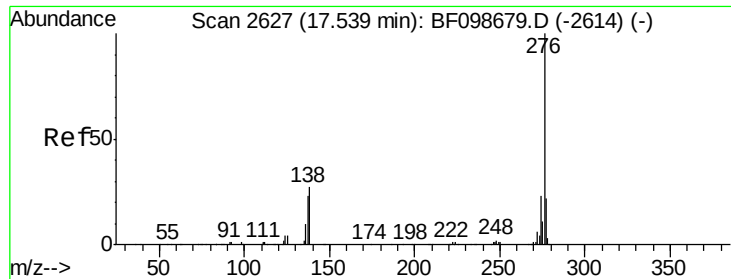
Tot Ion:252 Resp: 124609  
Ion Ratio Lower Upper  
252 100  
253 24.5 17.1 25.7  
125 20.0 9.8 14.6#



#90  
Dibenzo(a,h)anthracene  
Concen: 2.22 ng  
RT: 17.09 min Scan# 2551  
Delta R.T. -0.01 min  
Lab File: BF099018.D  
Acq: 2 Oct 2017 23:47

Tgt Ion:278 Resp: 22052  
Ion Ratio Lower Upper  
278 100  
139 37.4 15.9 23.9#  
279 30.5 19.0 28.4#





#91  
 Benzo(a,h,i)perylene  
 Concen: 6.90 ng  
 RT: 17.54 min Scan# 2627  
 Delta R.T. -0.01 min  
 Lab File: BF099018.D  
 Acq: 2 Oct 2017 23:47

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 25.9  | 17.9  | 26.9  |
| 138     | 32.7  | 21.8  | 32.8  |

