

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF012419\  
 Data File : BF112221.D  
 Acq On : 24 Jan 2019 20:56  
 Operator : JU/SJ  
 Sample : K1223-09 2X  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TS-U

Quant Time: Jan 25 00:05:26 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF011619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jan 19 01:02:12 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.86  | 152  | 155390   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.14  | 136  | 588083   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.90  | 164  | 253086   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.39 | 188  | 416016   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.03 | 240  | 282167   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.52 | 264  | 203894   | 20.00 | ng    | 0.02     |

|                             |       |     |        |       |    |       |
|-----------------------------|-------|-----|--------|-------|----|-------|
| System Monitoring Compounds |       |     |        |       |    |       |
| 5) 2-Fluorophenol           | 5.49  | 112 | 479010 | 55.95 | ng | 0.00  |
| 7) Phenol-d6                | 6.50  | 99  | 511158 | 47.72 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 7.42  | 82  | 305464 | 35.89 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol    | 10.69 | 330 | 122428 | 44.84 | ng | 0.00  |
| 45) 2-Fluorobiphenyl        | 9.21  | 172 | 578337 | 33.50 | ng | 0.00  |
| 79) Terphenyl-d14           | 12.97 | 244 | 440488 | 33.21 | ng | 0.00  |

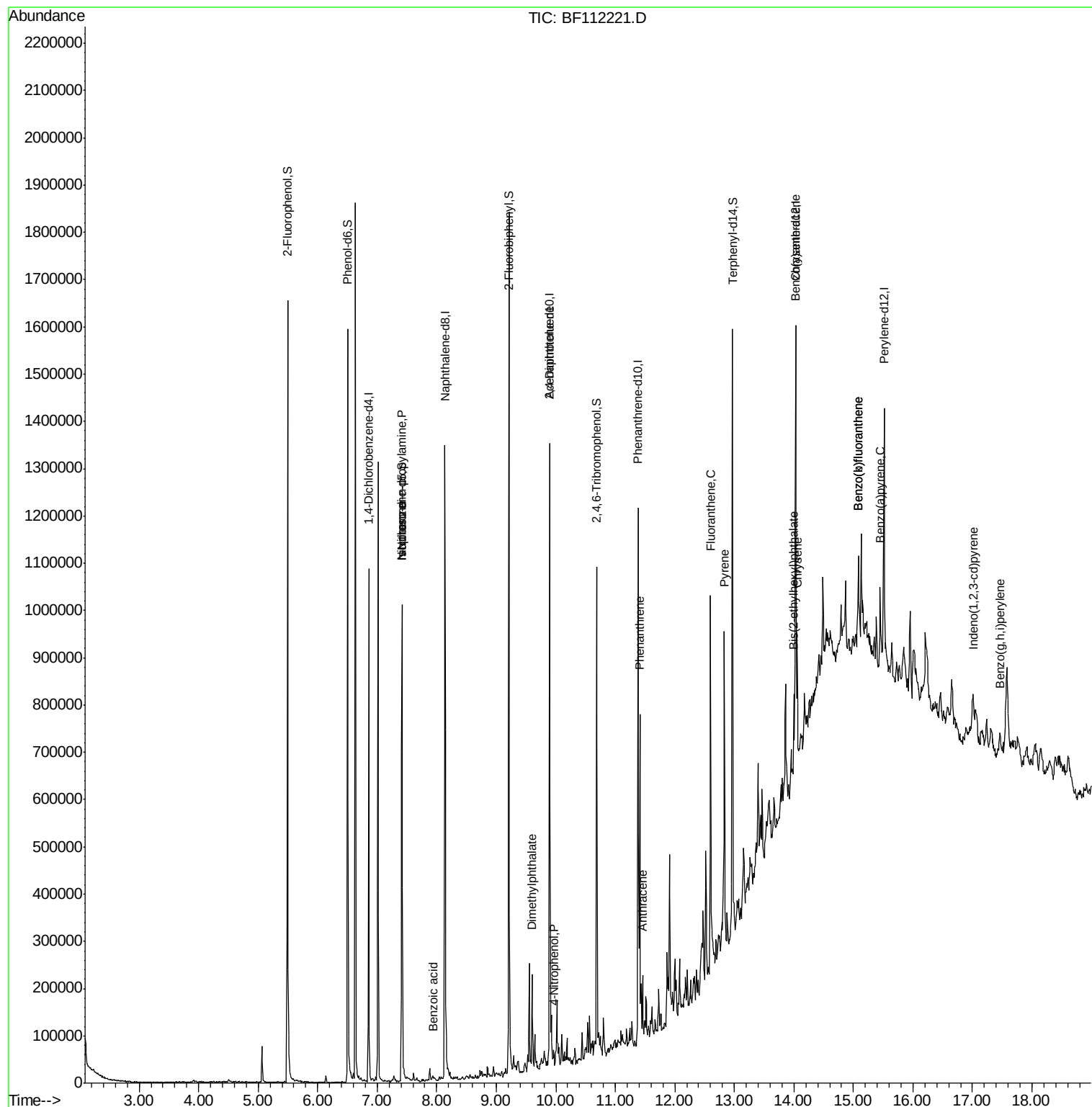
|                                |       |     |        |        |    |      |
|--------------------------------|-------|-----|--------|--------|----|------|
| Target Compounds               |       |     |        | Qvalue |    |      |
| 19) n-Nitroso-di-n-propylamine | 7.42  | 70  | 42715  | 6.546  | ng | # 72 |
| 25) Isophorone                 | 7.42  | 82  | 305459 | 18.579 | ng | # 63 |
| 32) Benzoic acid               | 7.94  | 122 | 650    | 7.372  | ng | # 32 |
| 50) Dimethylphthalate          | 9.60  | 163 | 58405  | 3.164  | ng | 99   |
| 56) 4-Nitrophenol              | 9.97  | 139 | 1531   | 6.138  | ng | # 64 |
| 57) 2,4-Dinitrotoluene         | 9.90  | 165 | 34654  | 11.207 | ng | # 32 |
| 71) Phenanthrene               | 11.41 | 178 | 234862 | 11.218 | ng | 98   |
| 72) Anthracene                 | 11.46 | 178 | 45896  | 2.164  | ng | 97   |
| 75) Fluoranthene               | 12.60 | 202 | 306848 | 13.881 | ng | 98   |
| 78) Pyrene                     | 12.83 | 202 | 272041 | 14.613 | ng | 96   |
| 81) Benzo(a)anthracene         | 14.02 | 228 | 104736 | 6.474  | ng | 99   |
| 83) Chrysene                   | 14.06 | 228 | 101046 | 6.601  | ng | 96   |
| 84) Bis(2-ethylhexyl)phthalate | 14.00 | 149 | 43994  | 3.759  | ng | 97   |
| 86) Indeno(1,2,3-cd)pyrene     | 17.01 | 276 | 36993  | 2.619  | ng | 94   |
| 88) Benzo(b)fluoranthene       | 15.08 | 252 | 128969 | 11.143 | ng | # 86 |
| 89) Benzo(k)fluoranthene       | 15.08 | 252 | 128969 | 11.513 | ng | # 86 |
| 90) Benzo(a)pyrene             | 15.45 | 252 | 62847  | 5.921  | ng | # 87 |
| 92) Benzo(g,h,i)perylene       | 17.46 | 276 | 35791  | 3.854  | ng | # 93 |

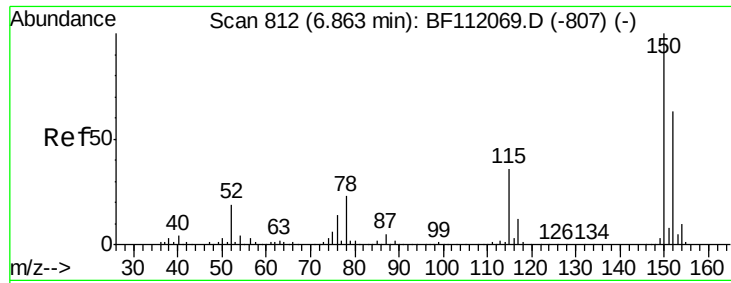
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF012419\  
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Acq On : 24 Jan 2019 20:56  
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Sample : K1223-09 2X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TS-U

Quant Time: Jan 25 00:05:26 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF011619.M  
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QLast Update : Sat Jan 19 01:02:12 2019  
Response via : Initial Calibration



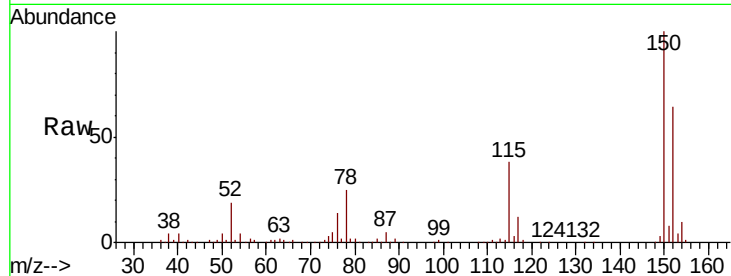


#1

1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.86 min Scan# 811  
 Delta R.T. -0.00 min  
 Lab File: BF112221.D  
 Acq: 24 Jan 2019 20:56

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TS-U

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.3 | 127.4 | 191.0 |
| 115     | 60.2  | 45.5  | 68.3  |

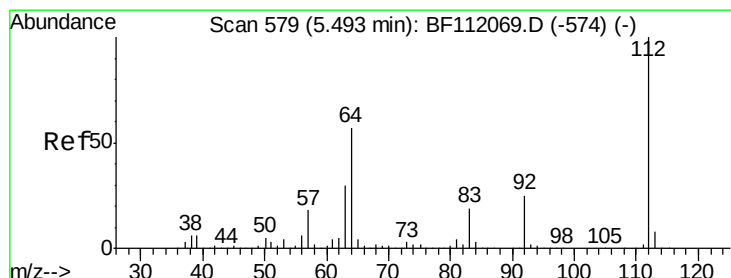
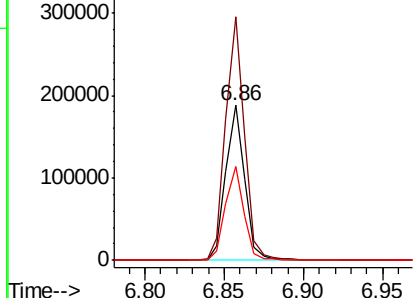
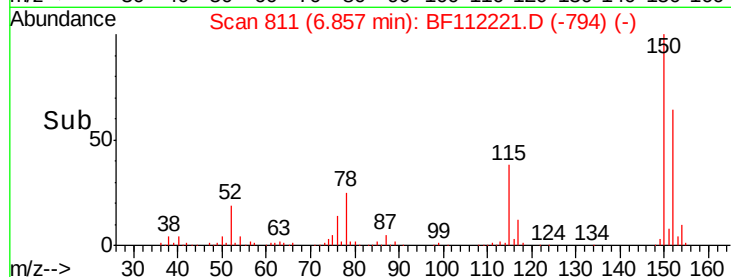


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

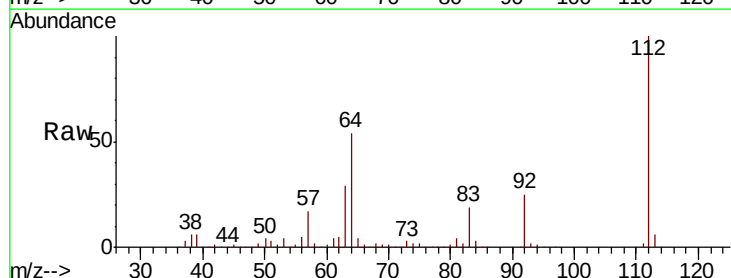
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
 Concen: 55.951 ng  
 RT: 5.49 min Scan# 579  
 Delta R.T. -0.00 min  
 Lab File: BF112221.D  
 Acq: 24 Jan 2019 20:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 53.6  | 45.7  | 68.5  |
| 63      | 29.0  | 23.6  | 35.4  |

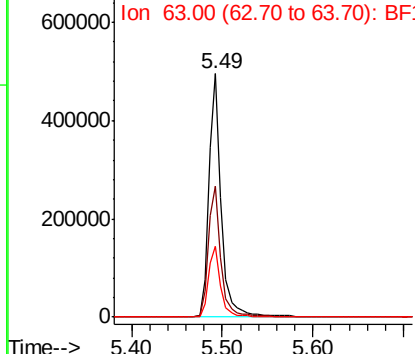
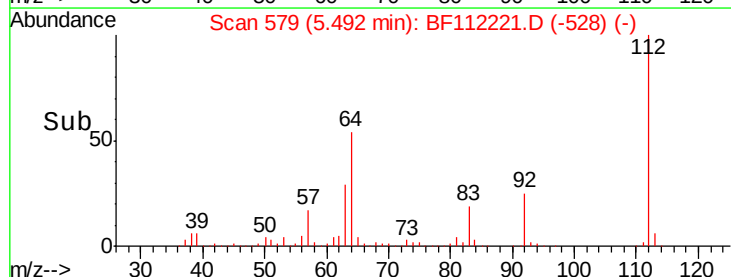


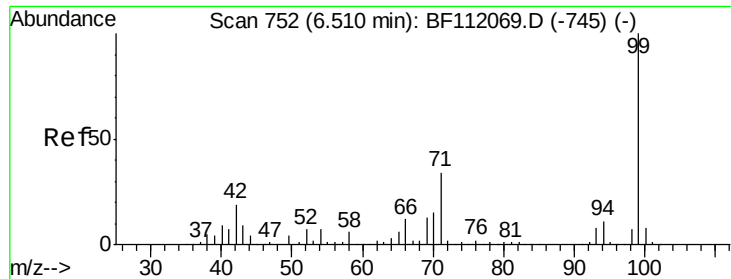
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 47.721 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF112221.D

Acq: 24 Jan 2019 20:56

Instrument :

BNA\_F

ClientSampleId :

TS-U

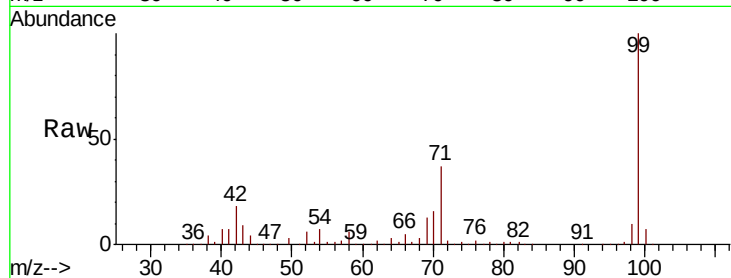
Tgt Ion: 99 Resp: 511158

Ion Ratio Lower Upper

99 100

42 18.5 15.1 22.7

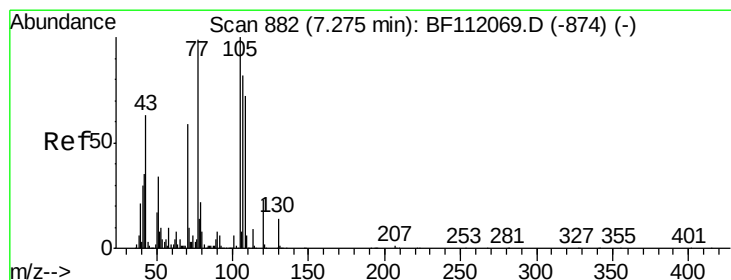
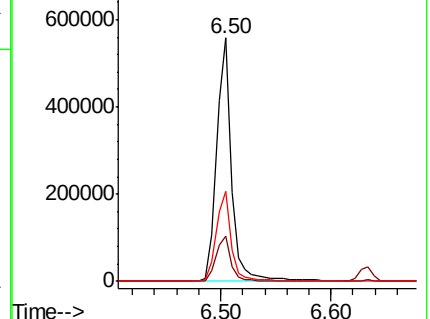
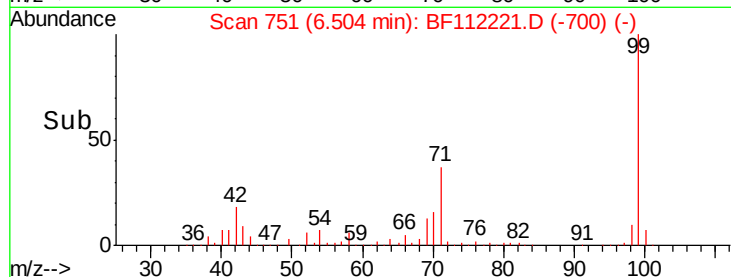
71 37.2 26.9 40.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 6.546 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.14 min

Lab File: BF112221.D

Acq: 24 Jan 2019 20:56

Tgt Ion: 70 Resp: 42715

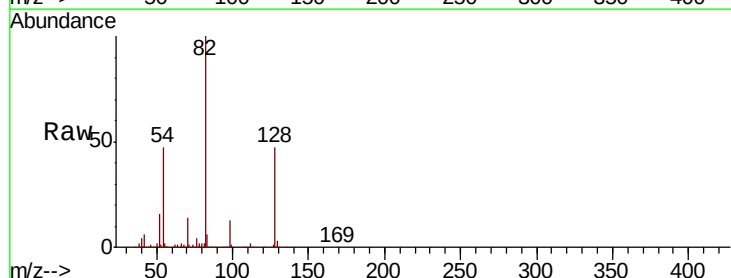
Ion Ratio Lower Upper

70 100

42 43.0 47.6 71.4#

101 0.0 7.9 11.9#

130 2.4 18.4 27.6#

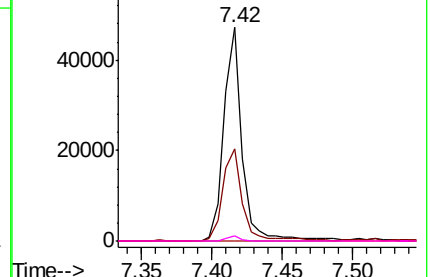
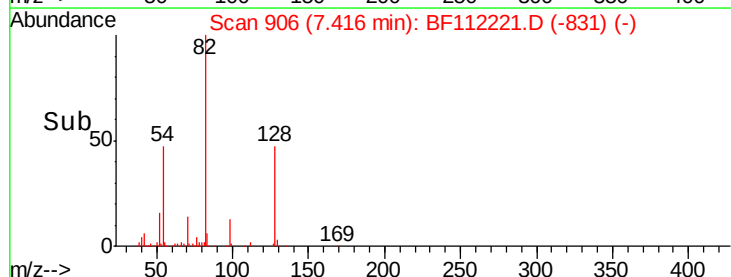


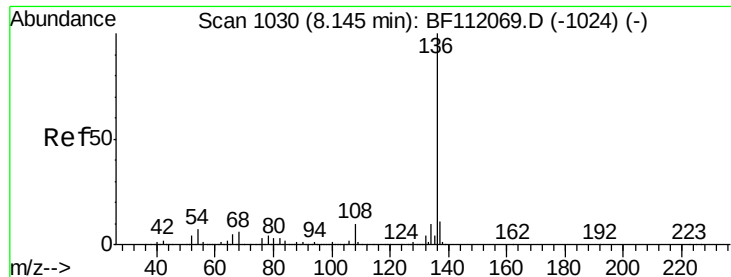
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

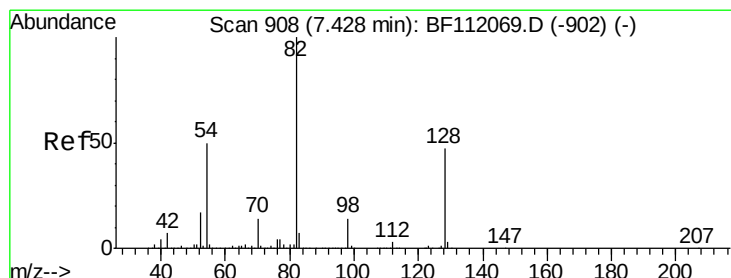
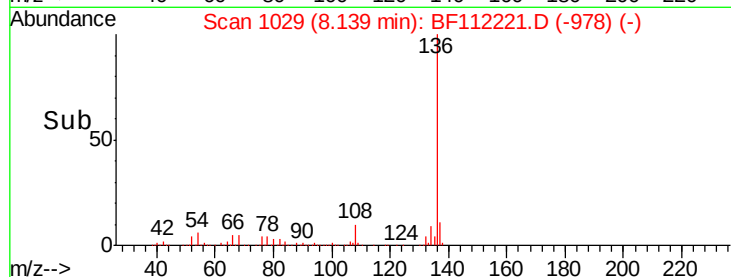
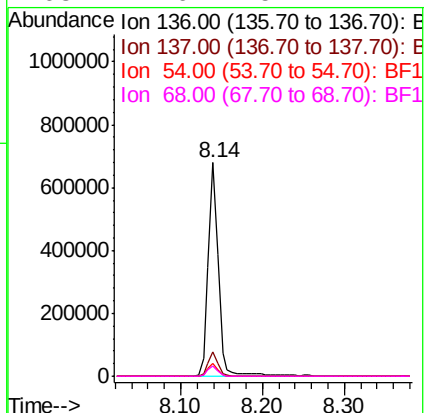
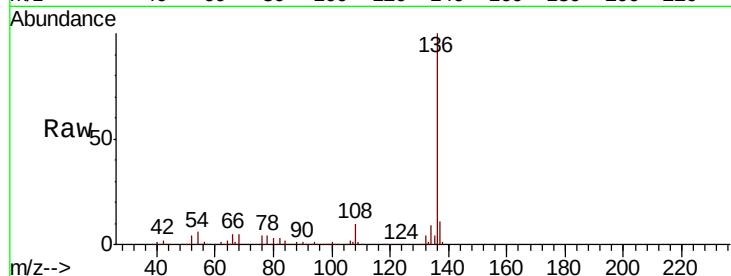




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.14 min Scan# 1029  
Delta R.T. -0.00 min  
Lab File: BF112221.D  
Acq: 24 Jan 2019 20:56

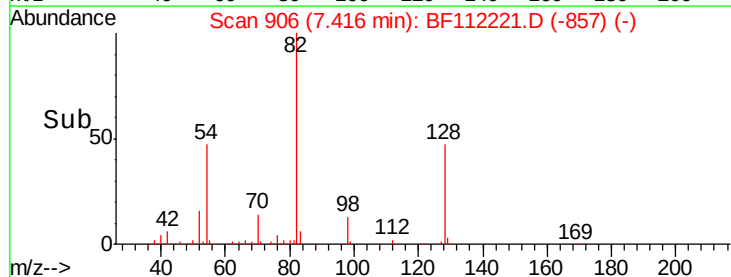
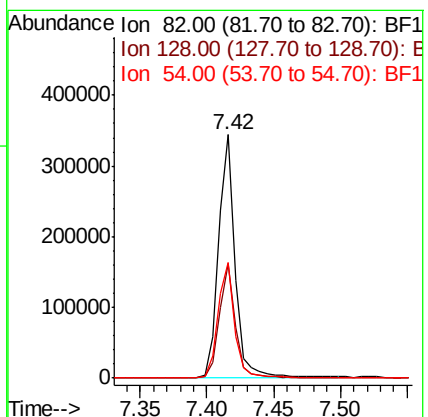
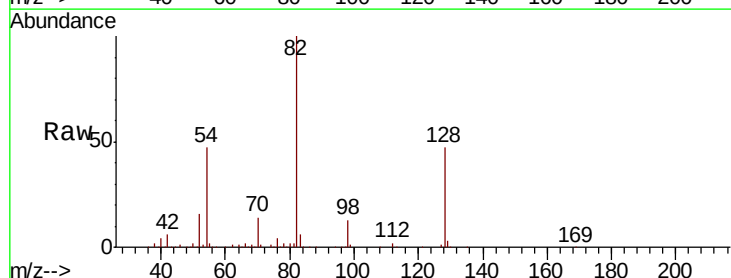
Instrument :  
BNA\_F  
ClientSampleId :  
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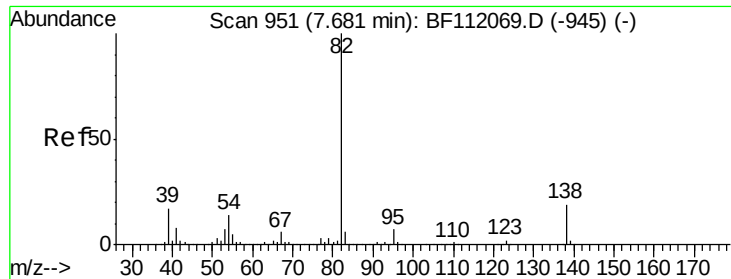
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 588083 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.2  | 9.1   | 13.7   |
| 54       | 6.2   | 5.9   | 8.9    |
| 68       | 4.6   | 5.1   | 7.7#   |



#23  
Nitrobenzene-d5  
Concen: 35.886 ng  
RT: 7.42 min Scan# 906  
Delta R.T. -0.01 min  
Lab File: BF112221.D  
Acq: 24 Jan 2019 20:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 305464 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 47.0  | 37.8  | 56.8   |
| 54       | 47.4  | 39.7  | 59.5   |





#25

Isophorone

Concen: 18.579 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF112221.D

Acq: 24 Jan 2019 20:56

Instrument :

BNA\_F

ClientSampled :

TS-U

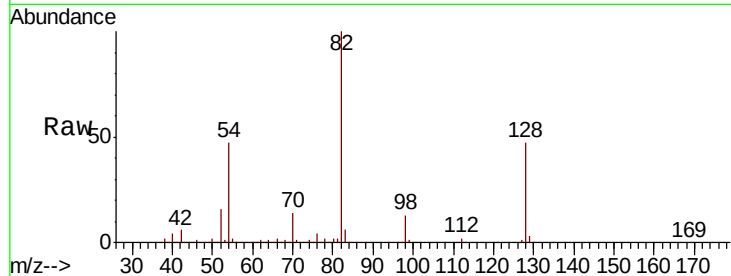
Tgt Ion: 82 Resp: 305459

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

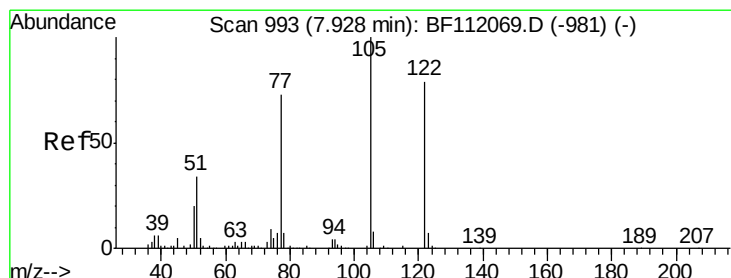
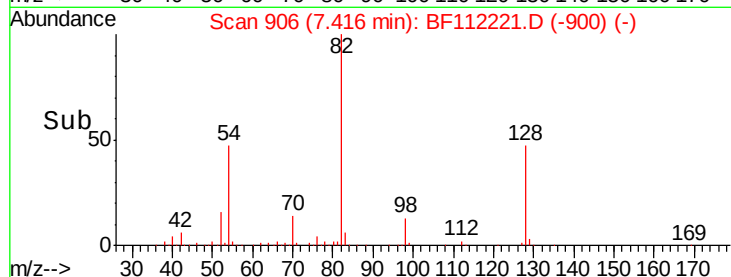
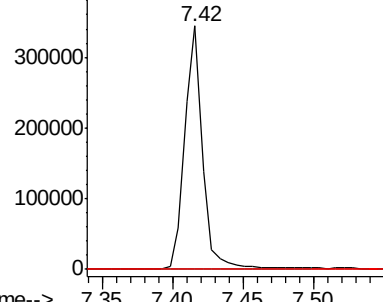
138 0.0 15.4 23.0#



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



#32

Benzoic acid

Concen: 7.372 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.00 min

Lab File: BF112221.D

Acq: 24 Jan 2019 20:56

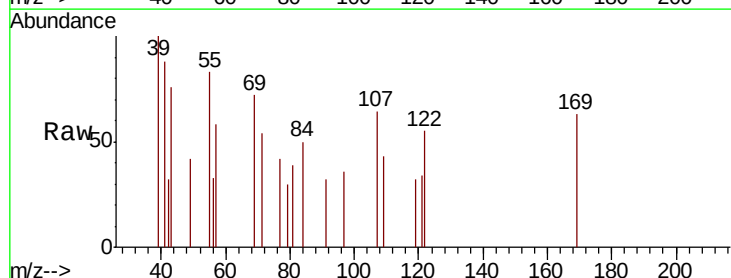
Tgt Ion: 122 Resp: 650

Ion Ratio Lower Upper

122 100

105 0.0 101.2 141.2#

77 77.0 70.4 110.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

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Ion 77.00 (76.70 to 77.70): BF1

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Ion 77.00 (76.70 to 77.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

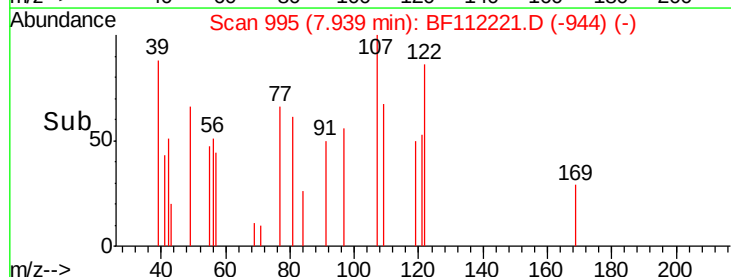
Ion 77.00 (76.70 to 77.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

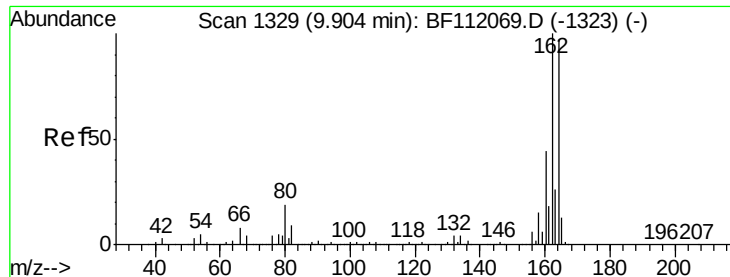
Ion 77.00 (76.70 to 77.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



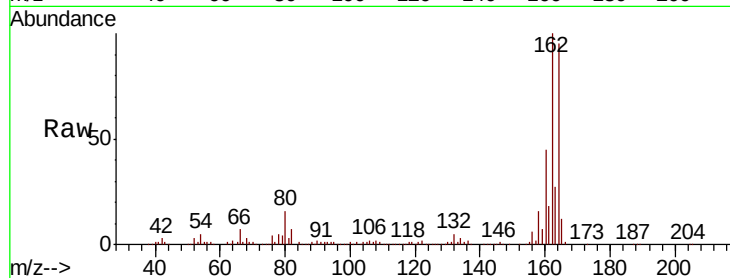
Time-->



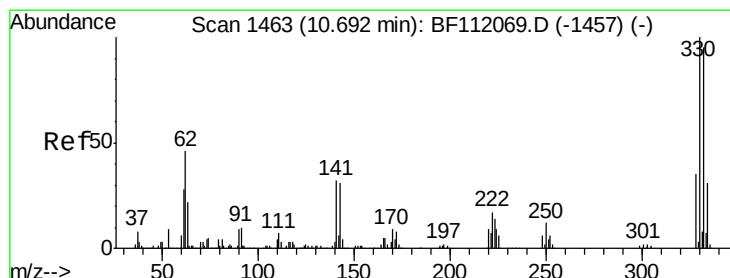
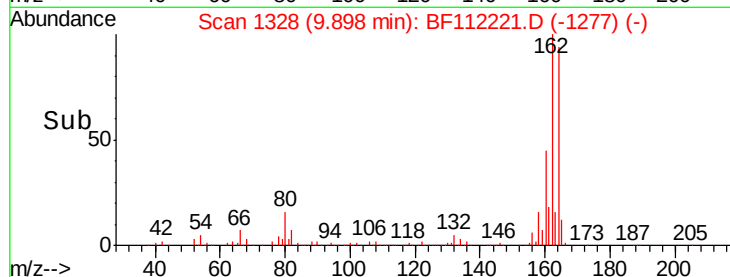
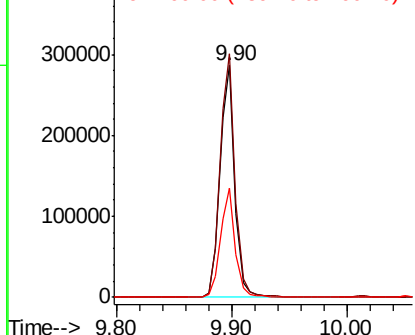
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.90 min Scan# 1328  
 Delta R.T. 0.00 min  
 Lab File: BF112221.D  
 Acq: 24 Jan 2019 20:56

Instrument :  
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 105.1 | 82.2  | 123.4 |
| 160     | 47.2  | 36.2  | 54.4  |

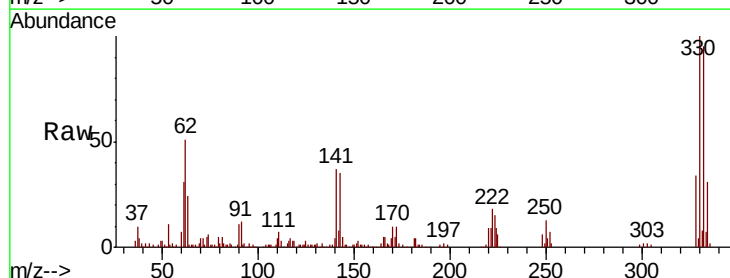


Abundance Ion 164.00 (163.70 to 164.70): E  
 Ion 162.00 (161.70 to 162.70): E  
 Ion 160.00 (159.70 to 160.70): E

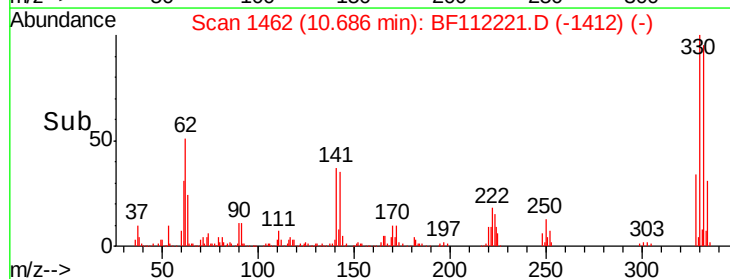
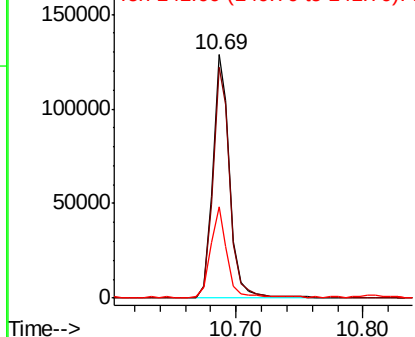


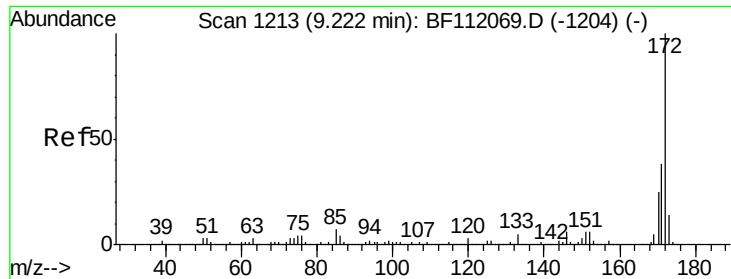
#42  
 2,4,6-Tribromophenol  
 Concen: 44.841 ng  
 RT: 10.69 min Scan# 1462  
 Delta R.T. -0.01 min  
 Lab File: BF112221.D  
 Acq: 24 Jan 2019 20:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.2  | 76.6  | 114.8 |
| 141     | 34.7  | 24.3  | 36.5  |



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

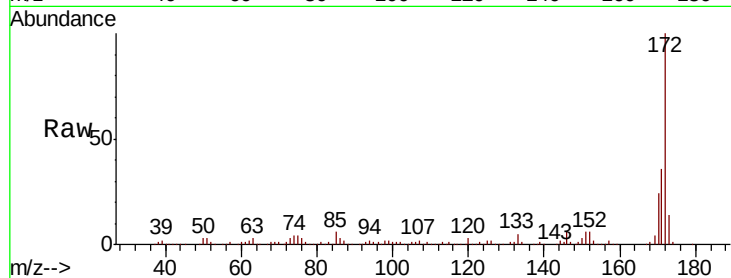




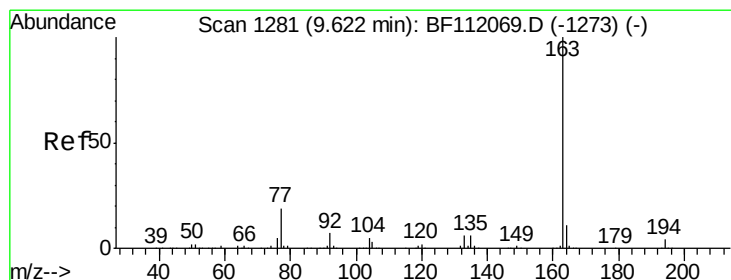
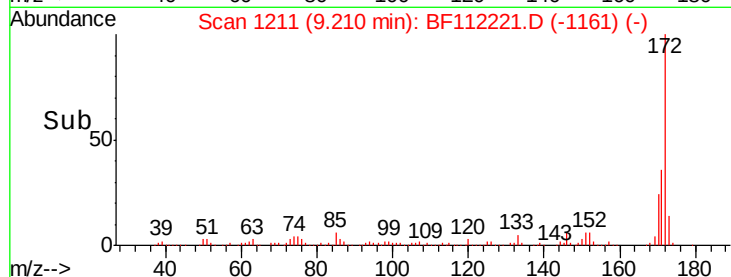
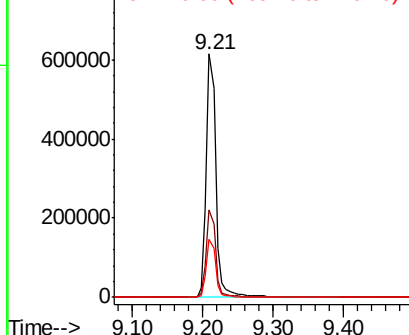
#45  
 2-Fluorobiphenyl  
 Concen: 33.503 ng  
 RT: 9.21 min Scan# 1211  
 Delta R.T. -0.01 min  
 Lab File: BF112221.D  
 Acq: 24 Jan 2019 20:56

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TS-U

Tgt Ion:172 Resp: 578337  
 Ion Ratio Lower Upper  
 172 100  
 171 35.8 30.5 45.7  
 170 23.7 20.2 30.4

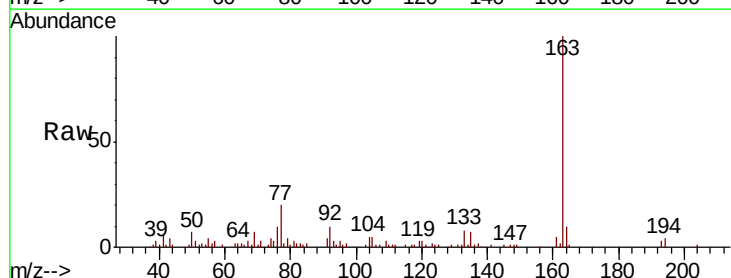


Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

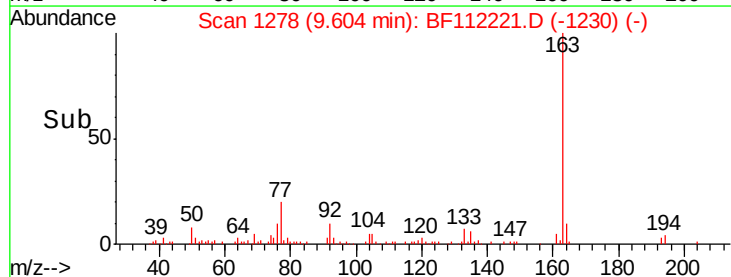
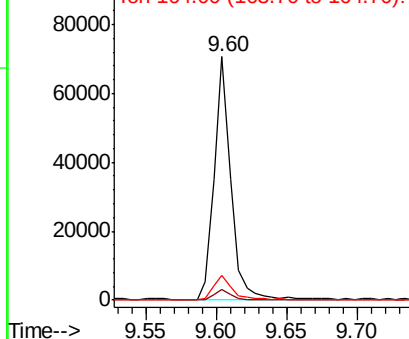


#50  
 Dimethylphthalate  
 Concen: 3.164 ng  
 RT: 9.60 min Scan# 1278  
 Delta R.T. -0.02 min  
 Lab File: BF112221.D  
 Acq: 24 Jan 2019 20:56

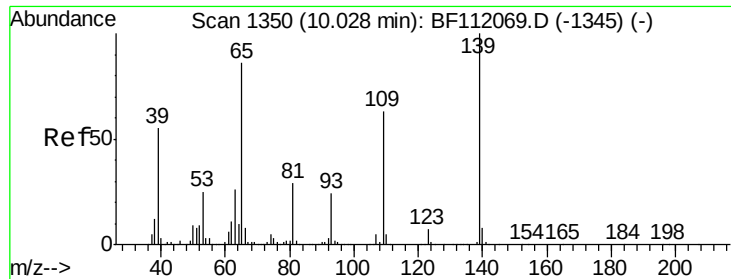
Tgt Ion:163 Resp: 58405  
 Ion Ratio Lower Upper  
 163 100  
 194 4.3 3.3 4.9  
 164 10.3 8.5 12.7



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



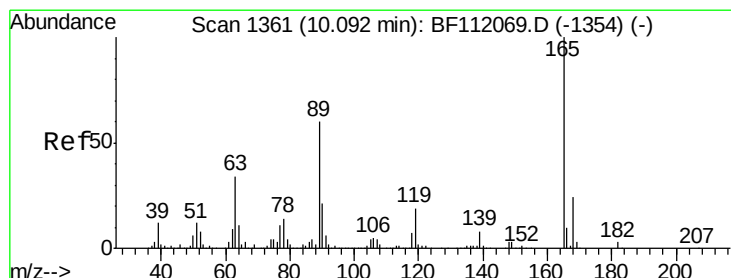
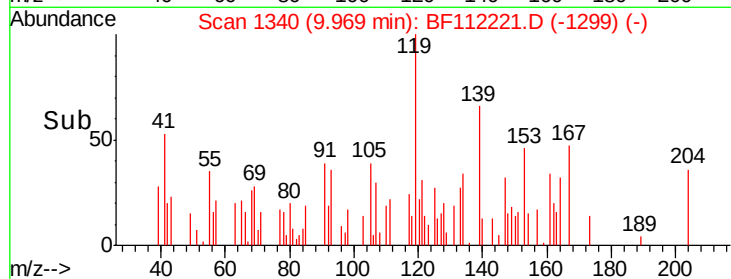
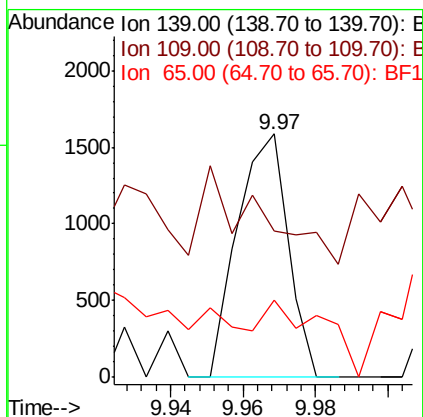
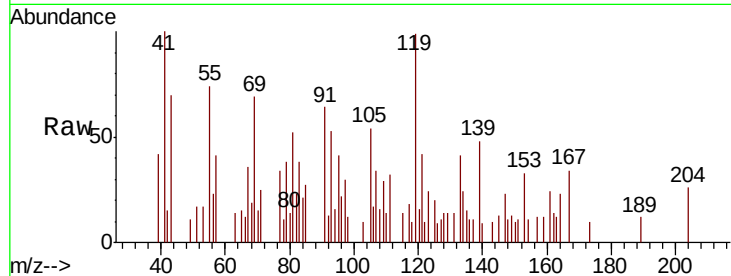




#56  
4-Nitrophenol  
Concen: 6.138 ng  
RT: 9.97 min Scan# 1340  
Delta R.T. -0.06 min  
Lab File: BF112221.D  
Acq: 24 Jan 2019 20:56

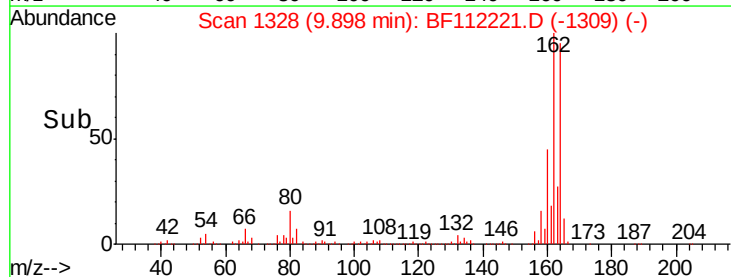
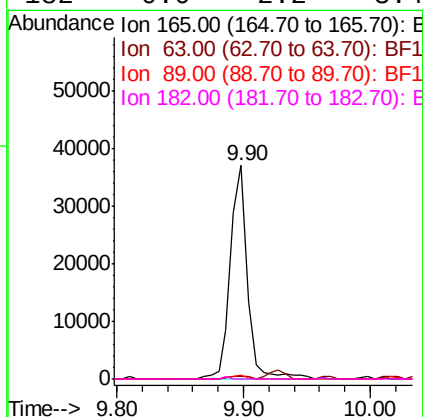
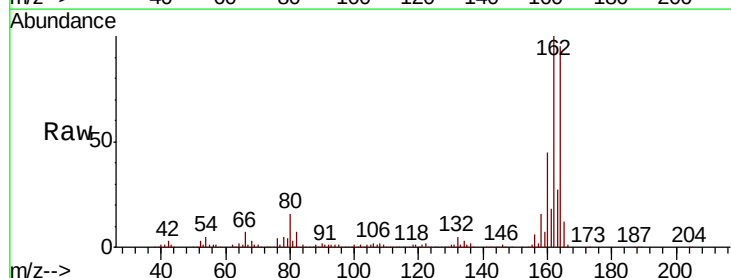
Instrument :  
BNA\_F  
ClientSampleId :  
TS-U

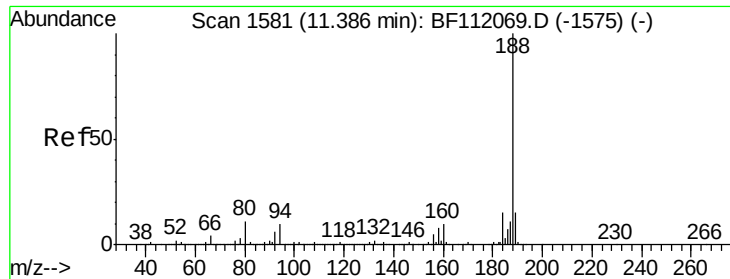
Tgt Ion:139 Resp: 1531  
Ion Ratio Lower Upper  
139 100  
109 60.1 42.8 82.8  
65 31.8 66.1 106.1#



#57  
2,4-Dinitrotoluene  
Concen: 11.207 ng  
RT: 9.90 min Scan# 1328  
Delta R.T. -0.19 min  
Lab File: BF112221.D  
Acq: 24 Jan 2019 20:56

Tgt Ion:165 Resp: 34654  
Ion Ratio Lower Upper  
165 100  
63 1.4 27.9 41.9#  
89 1.9 47.9 71.9#  
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.00 min

Lab File: BF112221.D

Acq: 24 Jan 2019 20:56

Instrument :

BNA\_F

ClientSampleId :

TS-U

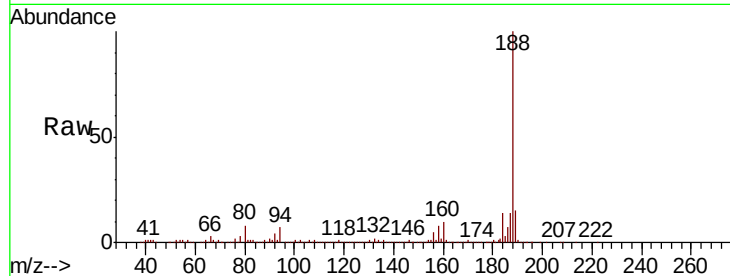
Tgt Ion:188 Resp: 416016

Ion Ratio Lower Upper

188 100

94 7.3 8.2 12.2#

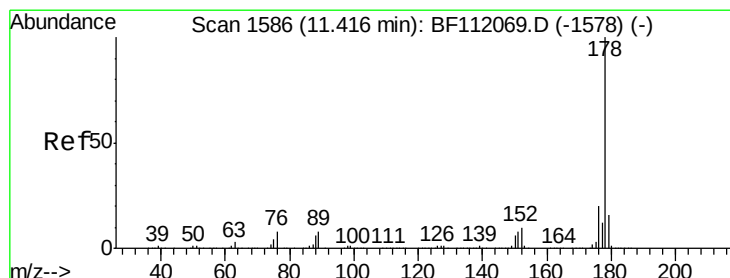
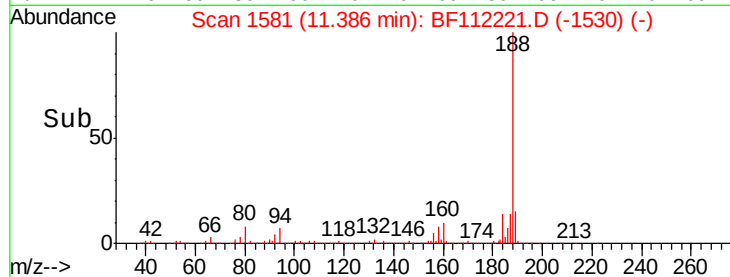
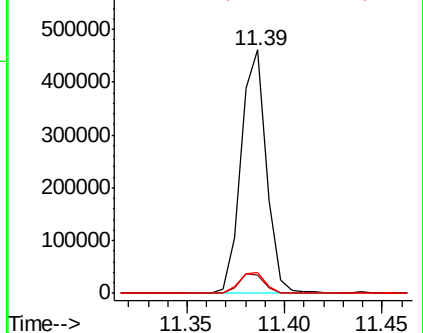
80 8.4 8.9 13.3#



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



#71

Phenanthrene

Concen: 11.218 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF112221.D

Acq: 24 Jan 2019 20:56

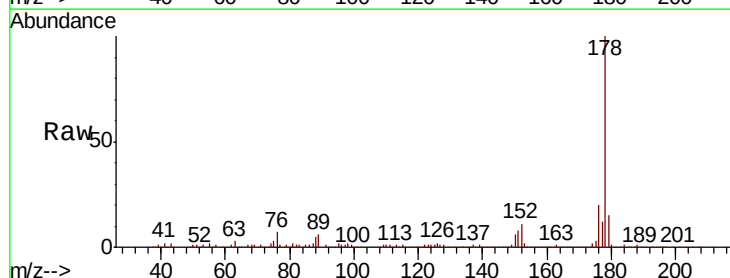
Tgt Ion:178 Resp: 234862

Ion Ratio Lower Upper

178 100

176 19.7 16.3 24.5

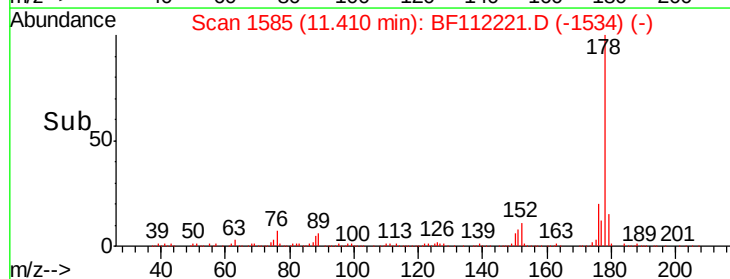
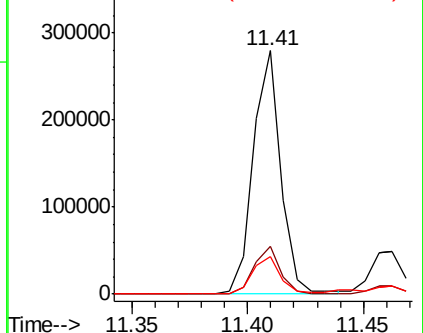
179 15.2 13.0 19.4

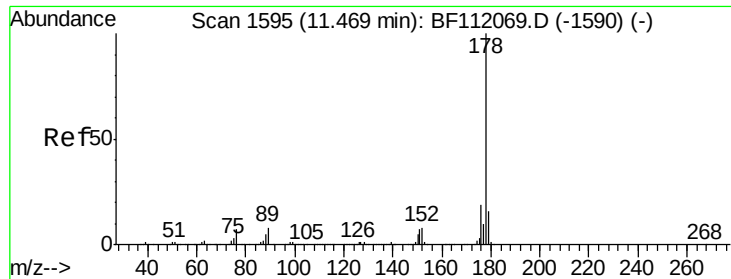


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

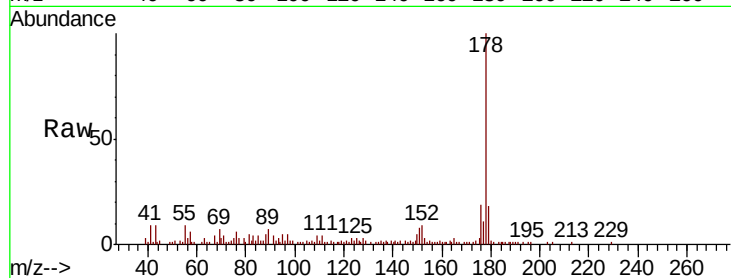




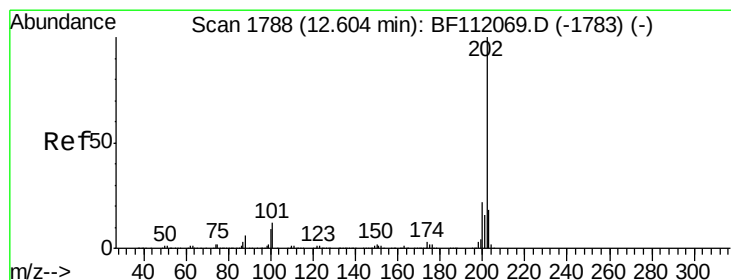
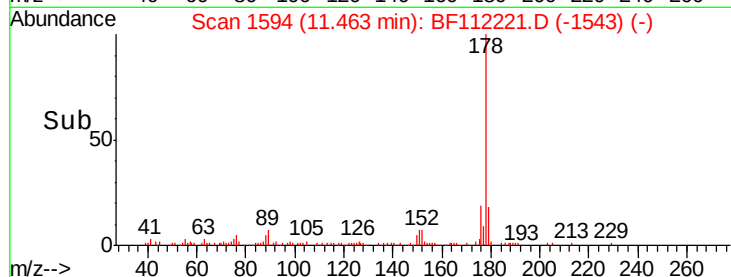
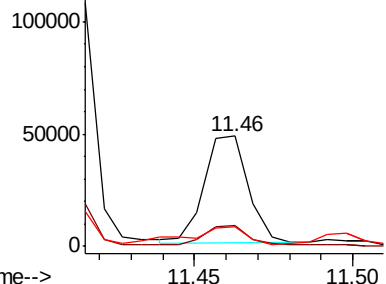
#72  
 Anthracene  
 Concen: 2.164 ng  
 RT: 11.46 min Scan# 1594  
 Delta R.T. -0.00 min  
 Lab File: BF112221.D  
 Acq: 24 Jan 2019 20:56

Instrument :  
 BNA\_F  
 ClientSampled :  
 TS-U

Tgt Ion:178 Resp: 45896  
 Ion Ratio Lower Upper  
 178 100  
 176 19.0 15.5 23.3  
 179 18.1 12.8 19.2

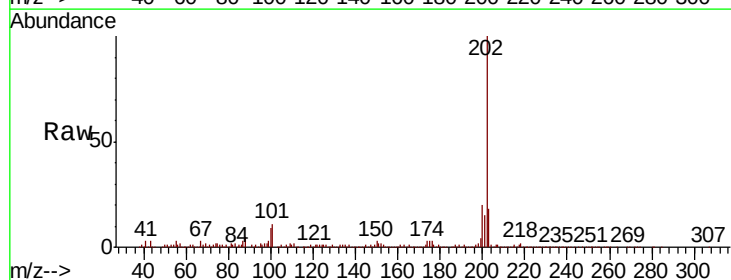


Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

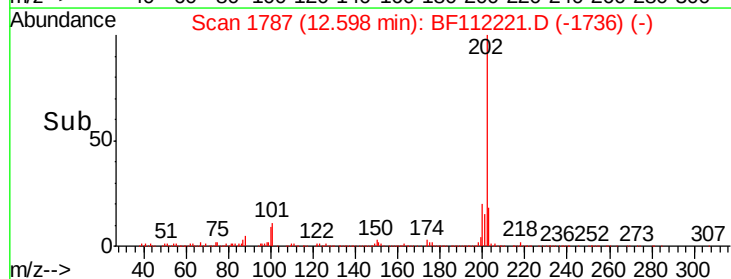
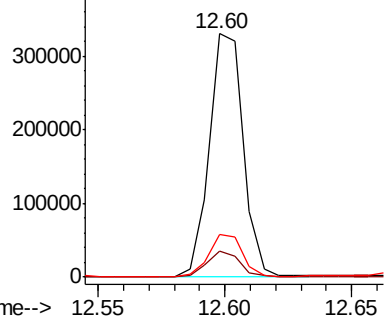


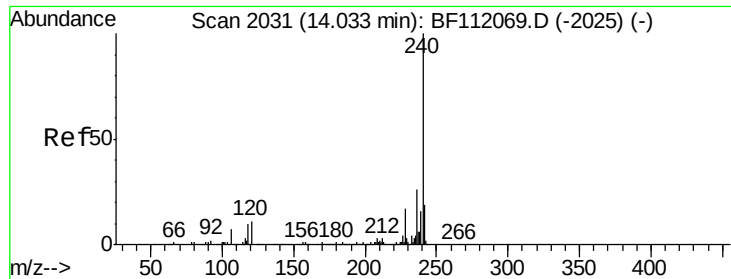
#75  
 Fluoranthene  
 Concen: 13.881 ng  
 RT: 12.60 min Scan# 1787  
 Delta R.T. -0.00 min  
 Lab File: BF112221.D  
 Acq: 24 Jan 2019 20:56

Tgt Ion:202 Resp: 306848  
 Ion Ratio Lower Upper  
 202 100  
 101 10.7 0.0 31.8  
 203 17.7 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 101.00 (100.70 to 101.70): E  
 Ion 203.00 (202.70 to 203.70): E

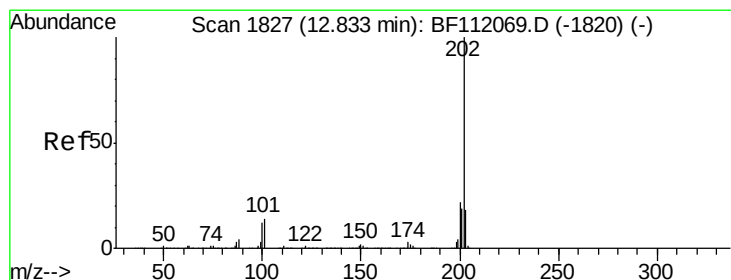
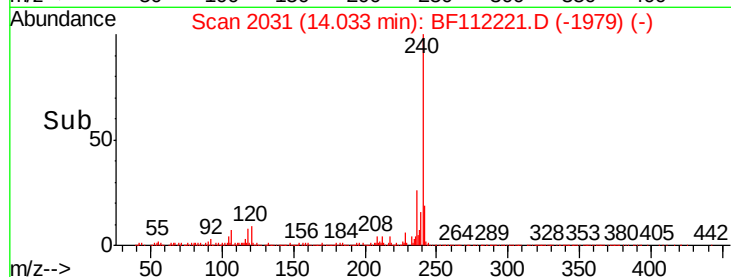
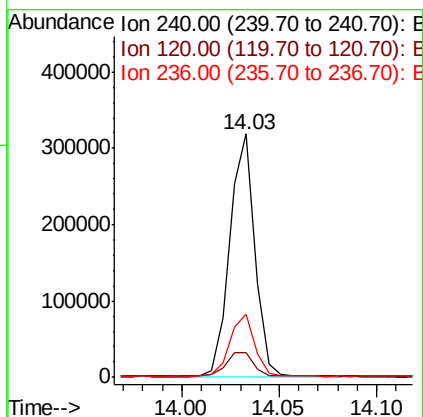
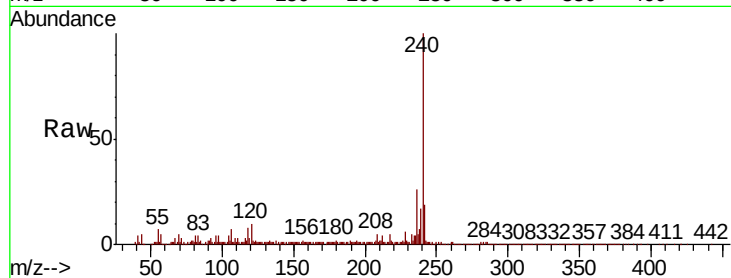




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.03 min Scan# 2031  
Delta R.T. 0.01 min  
Lab File: BF112221.D  
Acq: 24 Jan 2019 20:56

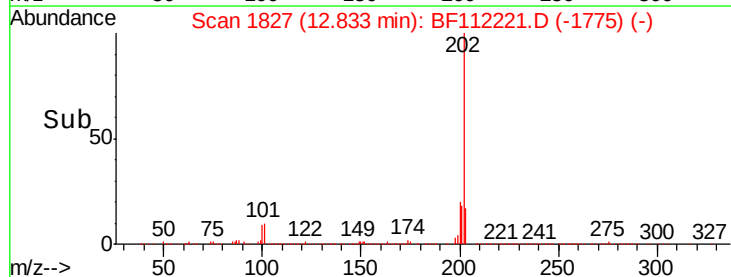
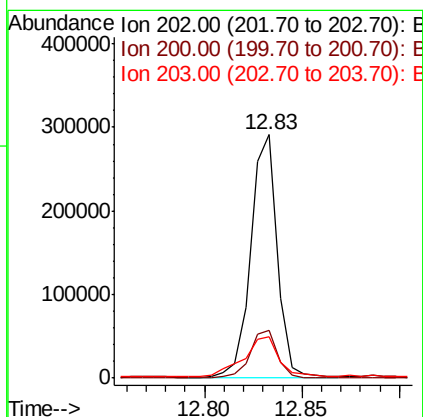
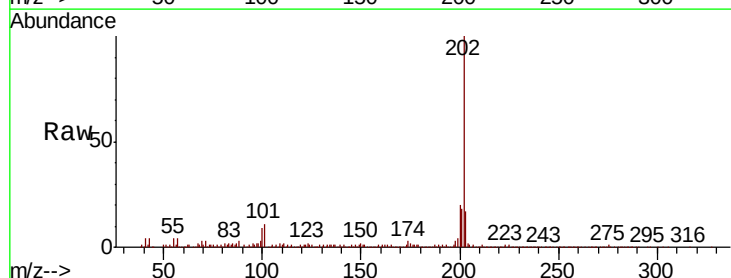
Instrument :  
BNA\_F  
ClientSampleId :  
TS-U

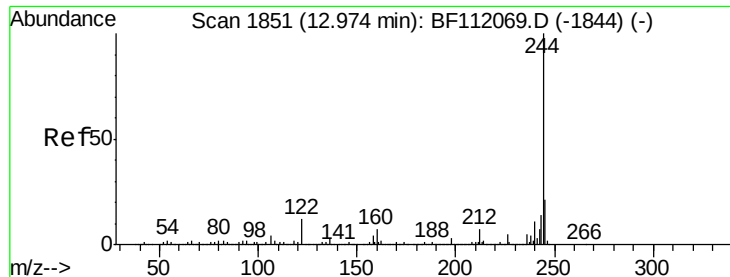
Tgt Ion:240 Resp: 282167  
Ion Ratio Lower Upper  
240 100  
120 10.0 9.0 13.6  
236 26.1 20.7 31.1



#78  
Pyrene  
Concen: 14.613 ng  
RT: 12.83 min Scan# 1827  
Delta R.T. 0.01 min  
Lab File: BF112221.D  
Acq: 24 Jan 2019 20:56

Tgt Ion:202 Resp: 272041  
Ion Ratio Lower Upper  
202 100  
200 19.6 17.7 26.5  
203 17.2 14.6 22.0





#79

Terphenyl-d14

Concen: 33.210 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BF112221.D

Acq: 24 Jan 2019 20:56

Instrument :

BNA\_F

ClientSampleId :

TS-U

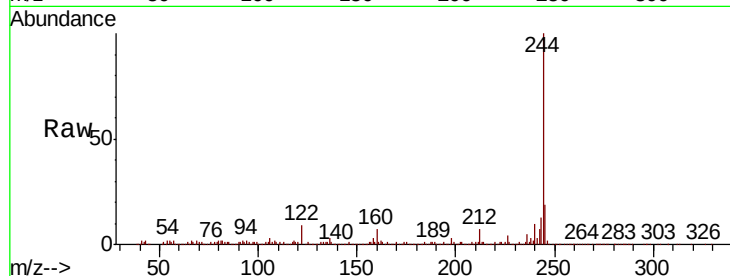
Tgt Ion:244 Resp: 440488

Ion Ratio Lower Upper

244 100

212 6.6 5.9 8.9

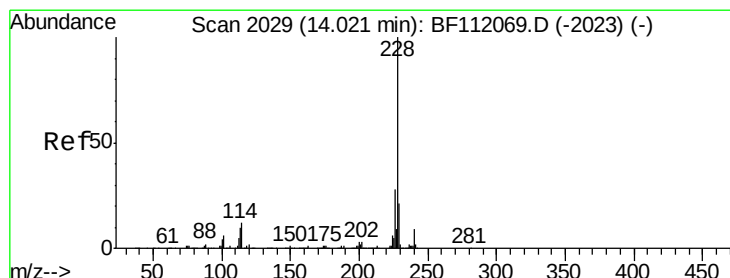
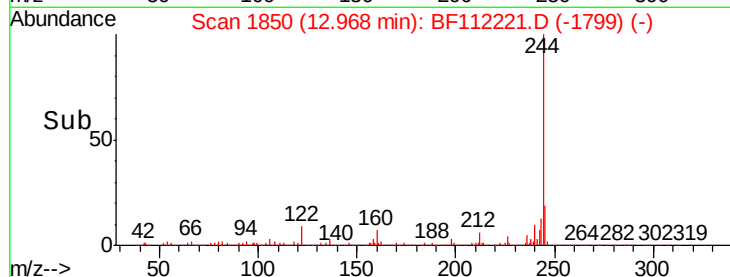
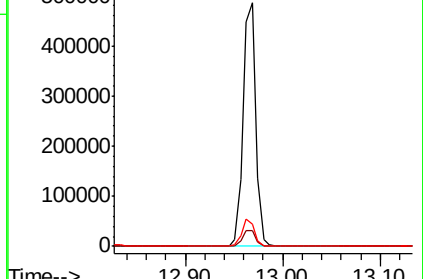
122 9.2 9.8 14.6#



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



#81

Benzo(a)anthracene

Concen: 6.474 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF112221.D

Acq: 24 Jan 2019 20:56

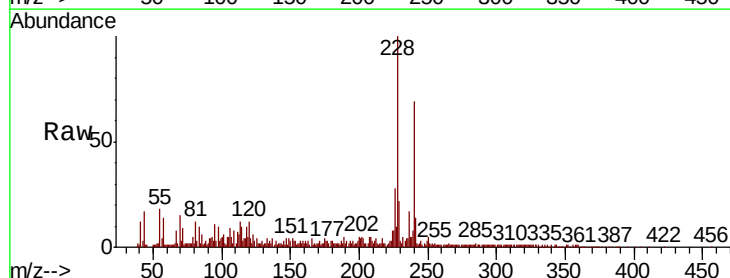
Tgt Ion:228 Resp: 104736

Ion Ratio Lower Upper

228 100

226 28.5 22.6 34.0

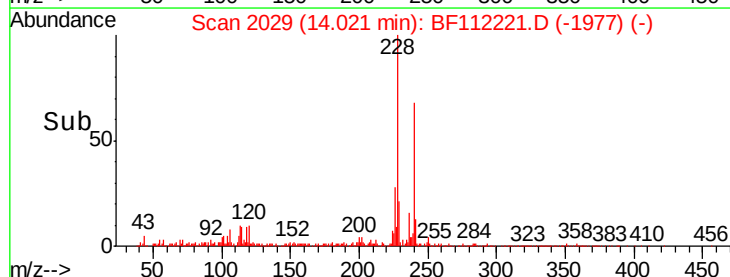
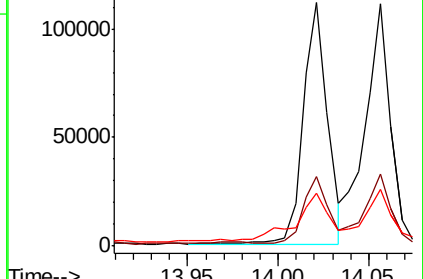
229 22.0 16.5 24.7

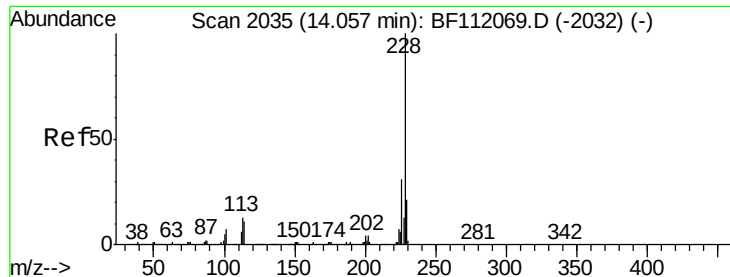


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 6.601 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF112221.D

Acq: 24 Jan 2019 20:56

Instrument :

BNA\_F

ClientSampleId :

TS-U

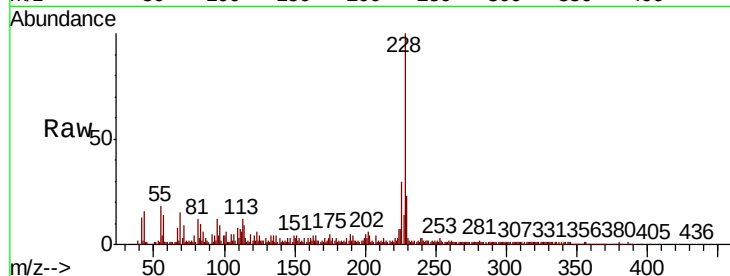
Tgt Ion:228 Resp: 101046

Ion Ratio Lower Upper

228 100

226 29.6 25.0 37.6

229 23.3 16.6 24.8

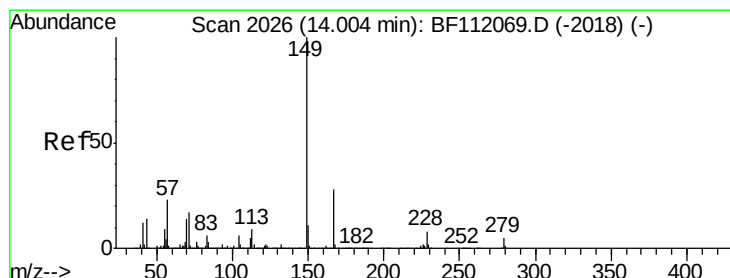
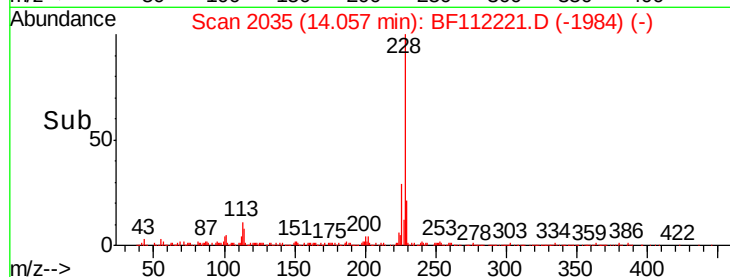
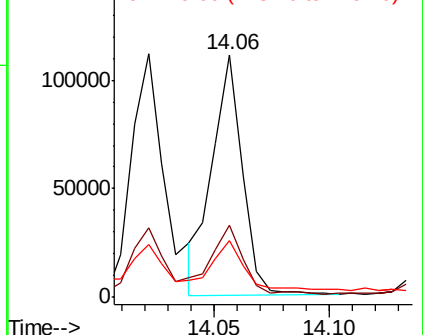


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.759 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF112221.D

Acq: 24 Jan 2019 20:56

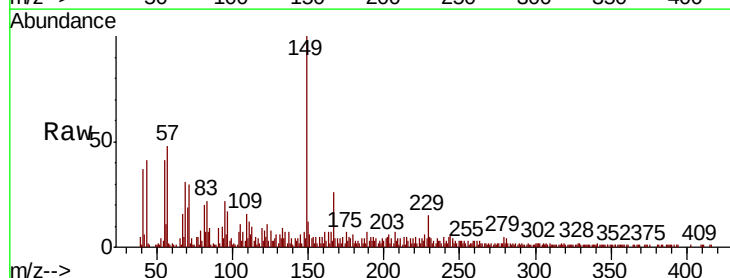
Tgt Ion:149 Resp: 43994

Ion Ratio Lower Upper

149 100

167 26.2 22.5 33.7

279 5.4 3.8 5.6

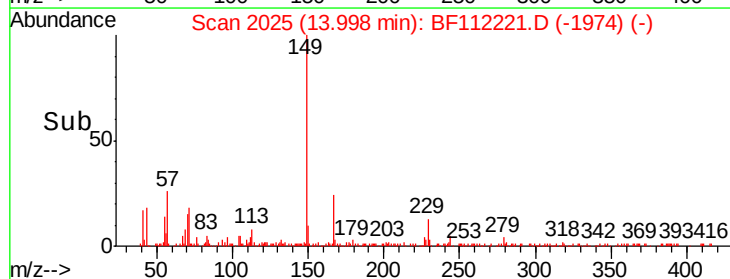
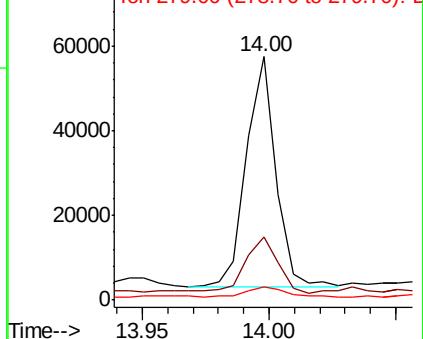


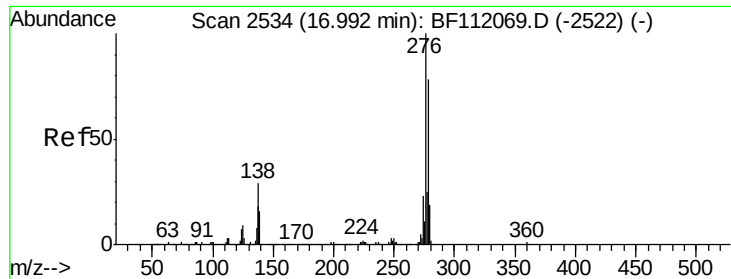
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

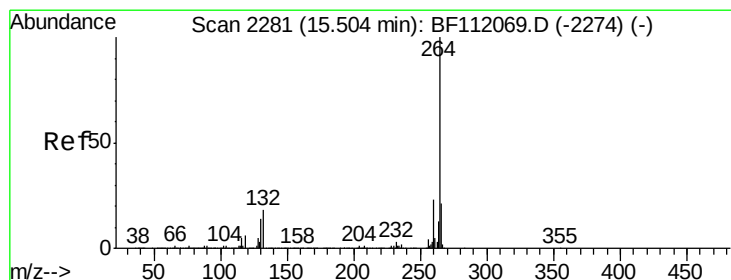
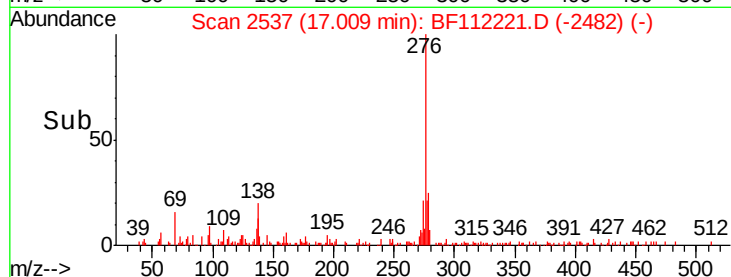
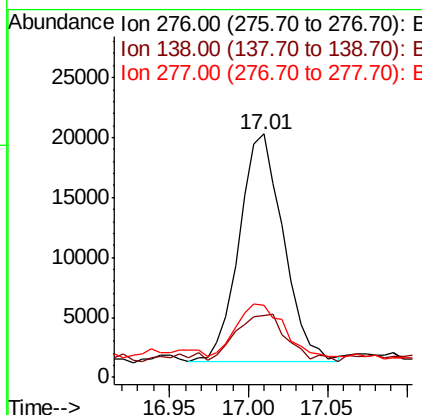
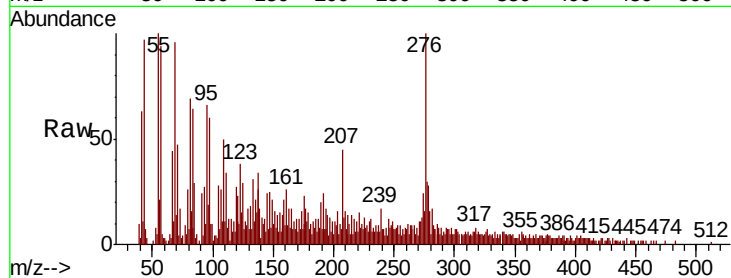




#86  
 Indeno(1,2,3-cd)pyrene  
 Concen: 2.619 ng  
 RT: 17.01 min Scan# 2537  
 Delta R.T. 0.02 min  
 Lab File: BF112221.D  
 Acq: 24 Jan 2019 20:56

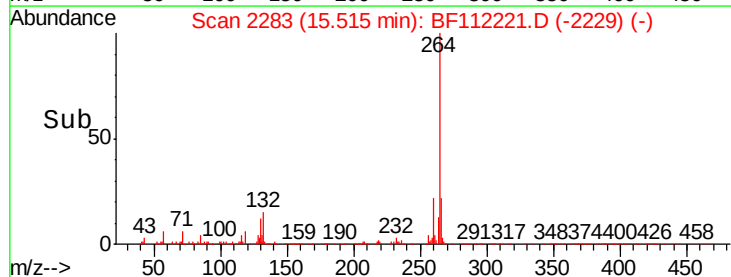
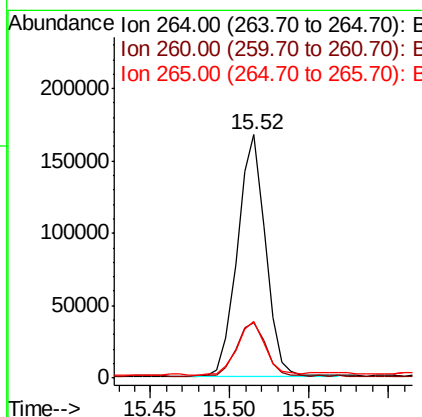
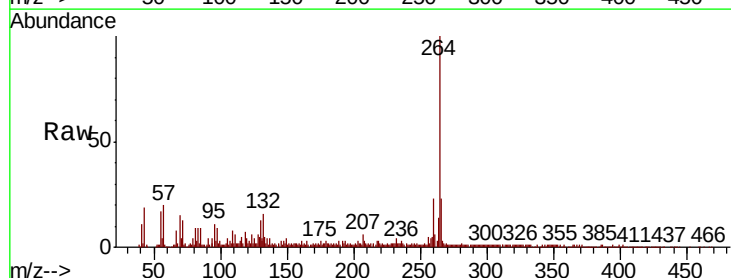
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TS-U

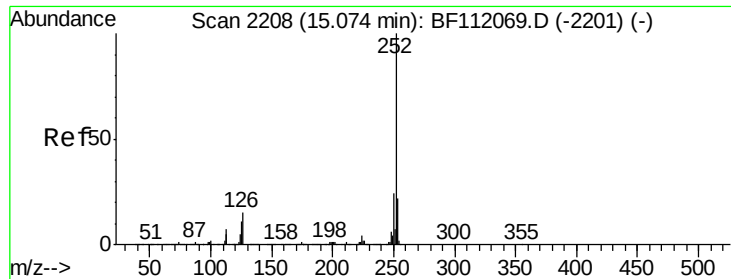
Tgt Ion:276 Resp: 36993  
 Ion Ratio Lower Upper  
 276 100  
 138 23.6 22.6 34.0  
 277 27.1 20.3 30.5



#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.52 min Scan# 2283  
 Delta R.T. 0.02 min  
 Lab File: BF112221.D  
 Acq: 24 Jan 2019 20:56

Tgt Ion:264 Resp: 203894  
 Ion Ratio Lower Upper  
 264 100  
 260 22.6 18.2 27.2  
 265 23.2 17.0 25.4





#88

Benzo(b)fluoranthene

Concen: 11.143 ng

RT: 15.08 min Scan# 2209

Delta R.T. 0.01 min

Lab File: BF112221.D

Acq: 24 Jan 2019 20:56

Instrument :

BNA\_F

ClientSampleId :

TS-U

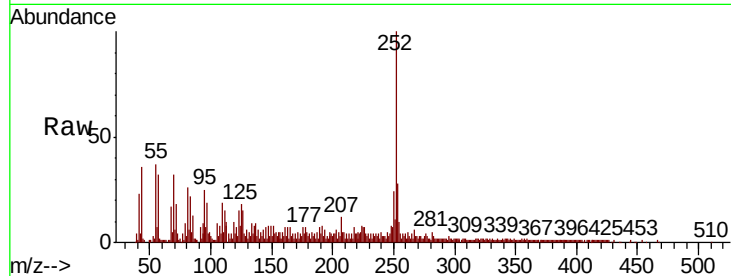
Tgt Ion:252 Resp: 128969

Ion Ratio Lower Upper

252 100

253 28.4 18.0 27.0#

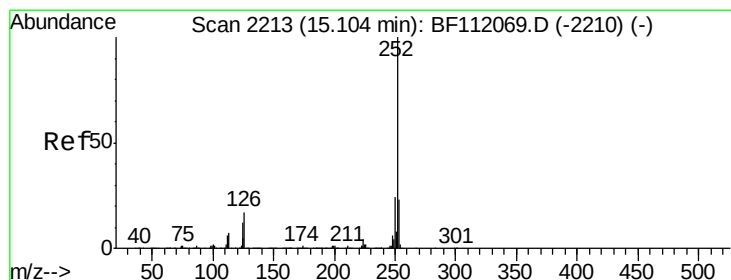
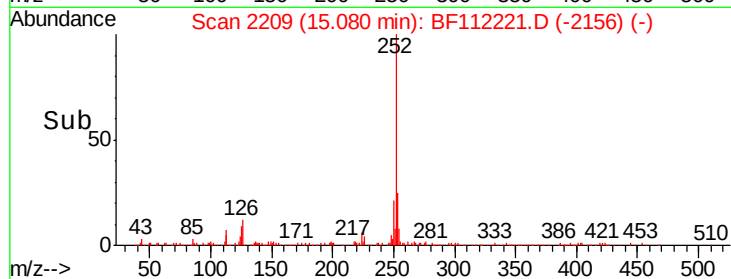
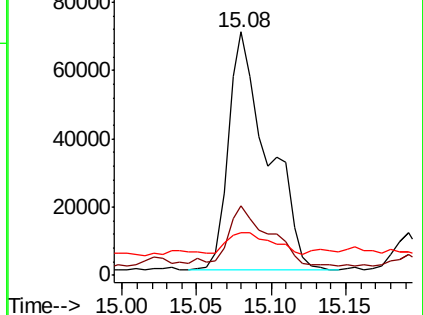
125 17.5 8.7 13.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 11.513 ng

RT: 15.08 min Scan# 2209

Delta R.T. -0.02 min

Lab File: BF112221.D

Acq: 24 Jan 2019 20:56

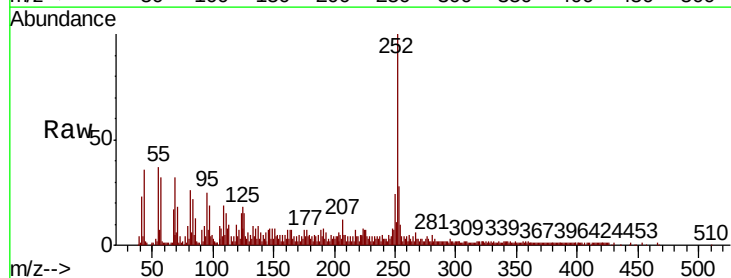
Tgt Ion:252 Resp: 128969

Ion Ratio Lower Upper

252 100

253 28.4 18.0 27.0#

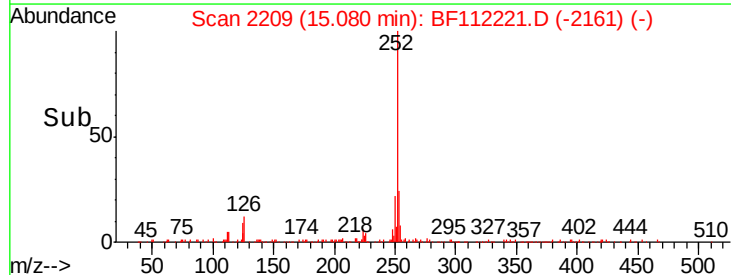
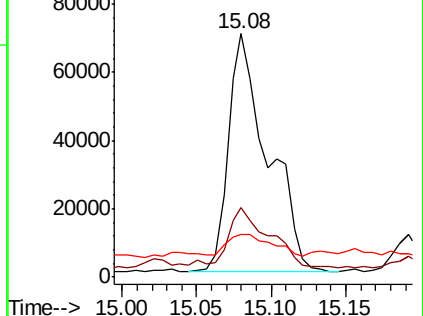
125 17.5 9.1 13.7#



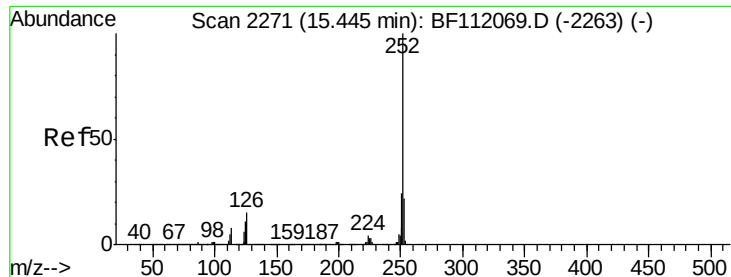
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E







#90

Benzo(a)pyrene

Concen: 5.921 ng

RT: 15.45 min Scan# 2272

Delta R.T. 0.01 min

Lab File: BF112221.D

Acq: 24 Jan 2019 20:56

Instrument :

BNA\_F

ClientSampleId :

TS-U

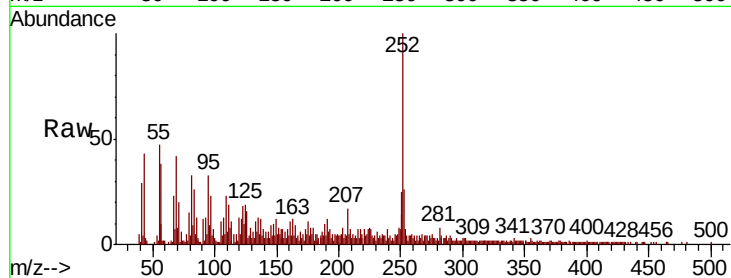
Tgt Ion:252 Resp: 62847

Ion Ratio Lower Upper

252 100

253 26.5 17.5 26.3#

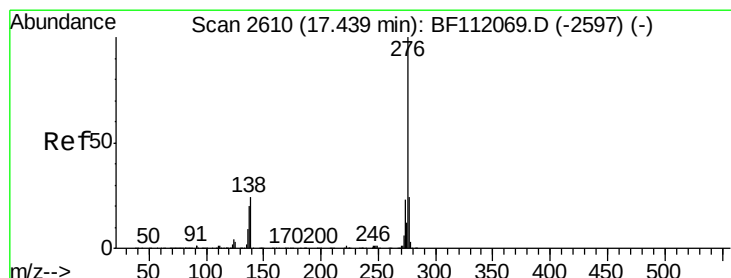
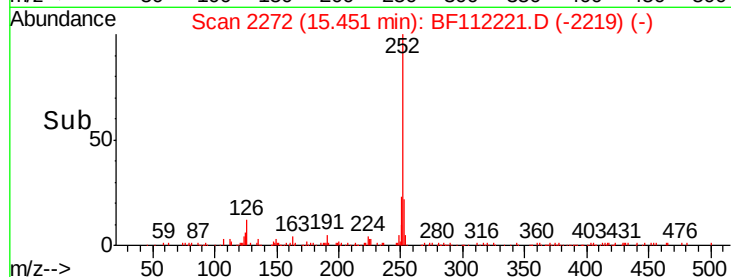
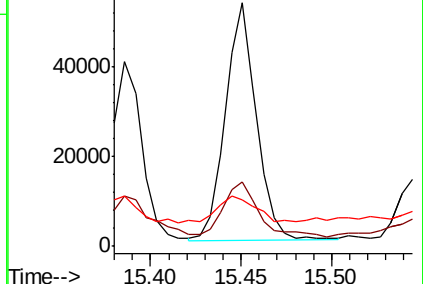
125 19.0 9.0 13.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92

Benzo(g,h,i)perylene

Concen: 3.854 ng

RT: 17.46 min Scan# 2614

Delta R.T. 0.04 min

Lab File: BF112221.D

Acq: 24 Jan 2019 20:56

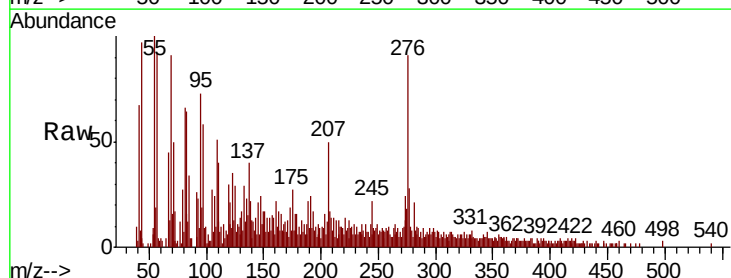
Tgt Ion:276 Resp: 35791

Ion Ratio Lower Upper

276 100

277 31.0 19.4 29.0#

138 23.9 19.1 28.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

