

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF082018\  
 Data File : BF108311.D  
 Acq On : 21 Aug 2018 00:49  
 Operator : JU/SJ  
 Sample : J4497-01  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CARLSTADT-FRONT

Quant Time: Aug 21 04:45:42 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF080818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 08 12:24:24 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.02  | 152  | 153104   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.30  | 136  | 529522   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.07 | 164  | 222612   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.56 | 188  | 401956   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.22 | 240  | 276584   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.78 | 264  | 218509   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.65  | 112 | 847319  | 100.20 | ng | 0.02 |
| 7) Phenol-d6             | 6.64  | 99  | 1102280 | 98.09  | ng | 0.01 |
| 23) Nitrobenzene-d5      | 7.58  | 82  | 681624  | 71.83  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.86 | 330 | 224418  | 101.07 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.38  | 172 | 1222174 | 88.14  | ng | 0.00 |
| 78) Terphenyl-d14        | 13.15 | 244 | 1069724 | 98.34  | ng | 0.00 |

## Target Compounds

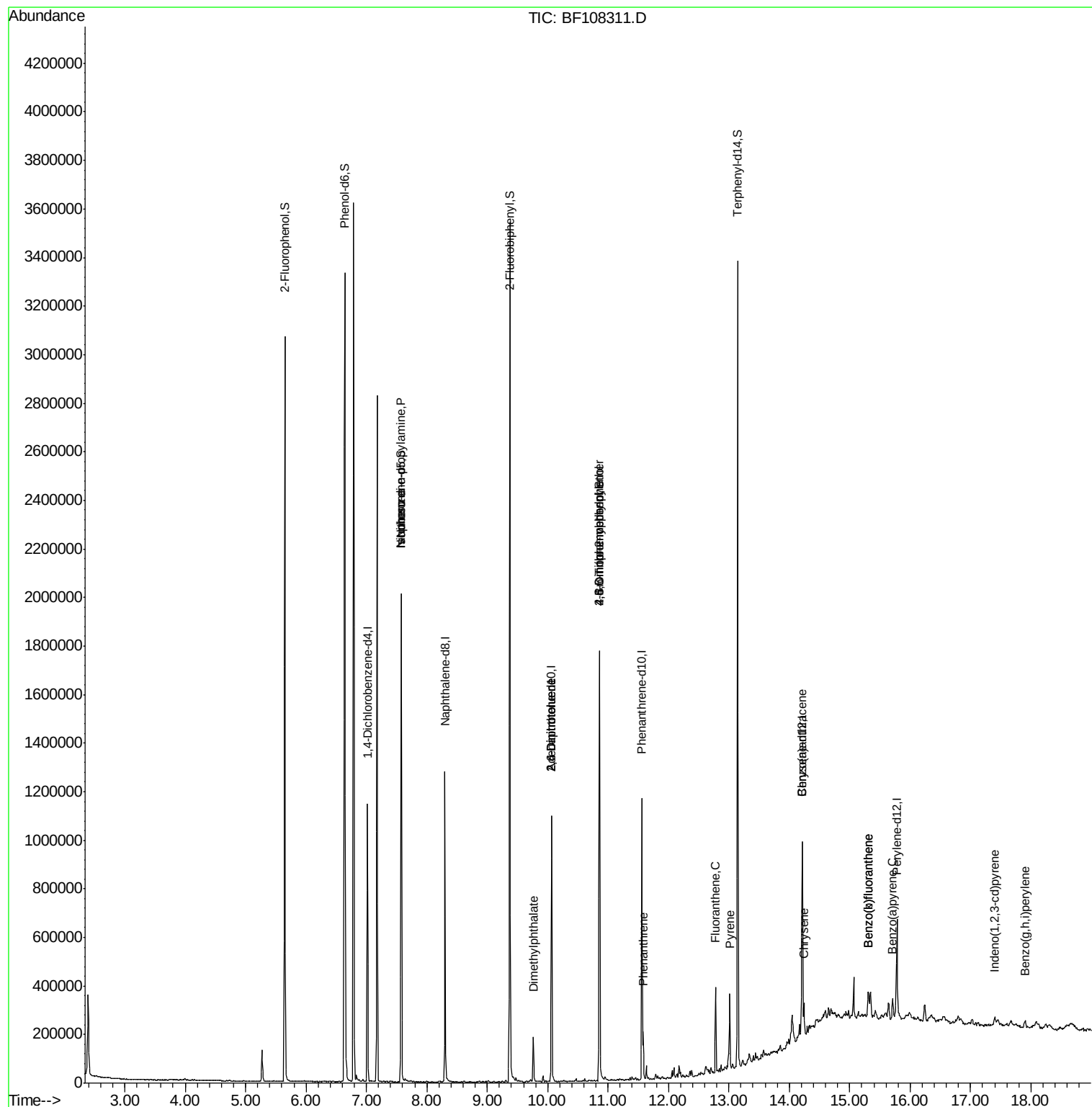
|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 19) n-Nitroso-di-n-propylamine | 7.58  | 70  | 91791  | 12.079 | ng | # 84   |
| 25) Isophorone                 | 7.58  | 82  | 681612 | 37.685 | ng | # 64   |
| 49) Dimethylphthalate          | 9.77  | 163 | 79409  | 5.121  | ng | # 99   |
| 50) 2,6-Dinitrotoluene         | 10.07 | 165 | 28545  | 8.798  | ng | # 25   |
| 56) 2,4-Dinitrotoluene         | 10.07 | 165 | 28545  | 6.835  | ng | # 23   |
| 64) 4,6-Dinitro-2-methylphenol | 10.85 | 198 | 437    | 5.616  | ng | # 1    |
| 66) 4-Bromophenyl-phenylether  | 10.86 | 248 | 15355  | 3.515  | ng | # 1    |
| 70) Phenanthrene               | 11.58 | 178 | 61428  | 3.240  | ng | 94     |
| 74) Fluoranthene               | 12.78 | 202 | 136705 | 6.607  | ng | 96     |
| 77) Pyrene                     | 13.01 | 202 | 124466 | 7.108  | ng | 97     |
| 80) Benzo(a)anthracene         | 14.21 | 228 | 57231  | 3.606  | ng | 97     |
| 82) Chrysene                   | 14.24 | 228 | 52996  | 3.642  | ng | 96     |
| 85) Indeno(1,2,3-cd)pyrene     | 17.40 | 276 | 27200  | 2.157  | ng | # 85   |
| 87) Benzo(b)fluoranthene       | 15.31 | 252 | 84659  | 6.484  | ng | # 91   |
| 88) Benzo(k)fluoranthene       | 15.31 | 252 | 84659  | 7.054  | ng | 94     |
| 89) Benzo(a)pyrene             | 15.71 | 252 | 42007  | 3.593  | ng | # 95   |
| 91) Benzo(g,h,i)perylene       | 17.90 | 276 | 28923  | 3.036  | ng | # 88   |

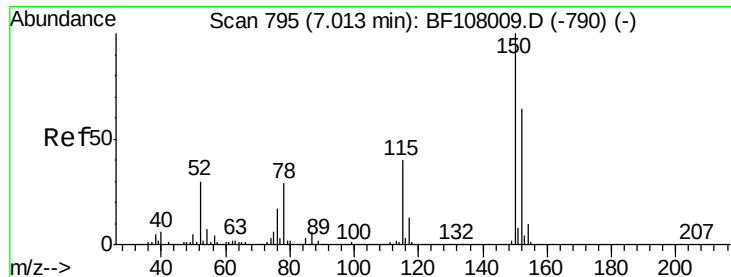
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF082018\  
Data File : BF108311.D  
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Sample : J4497-01  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Aug 08 12:24:24 2018  
Response via : Initial Calibration



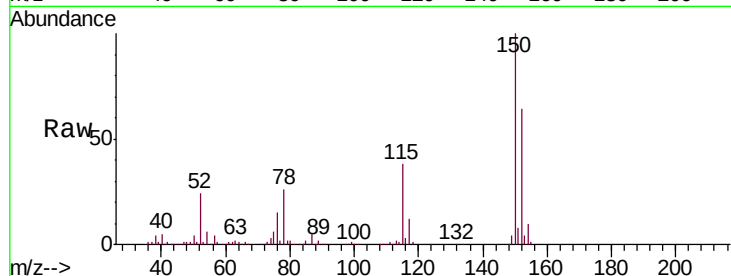


#1

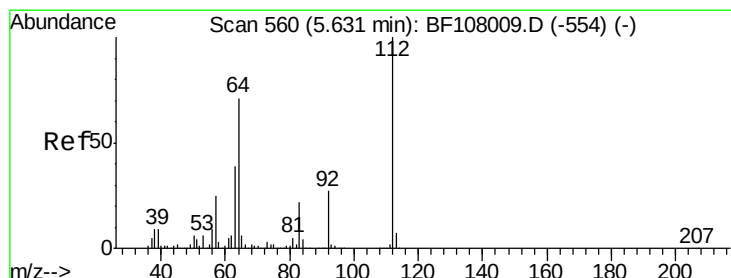
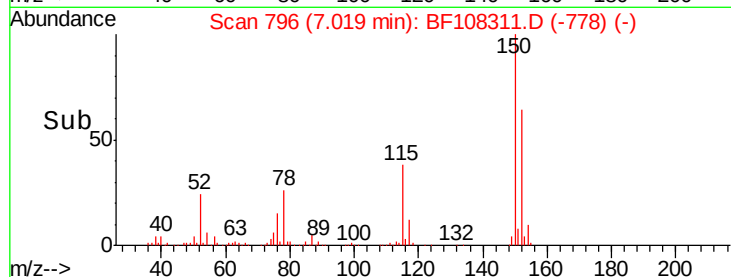
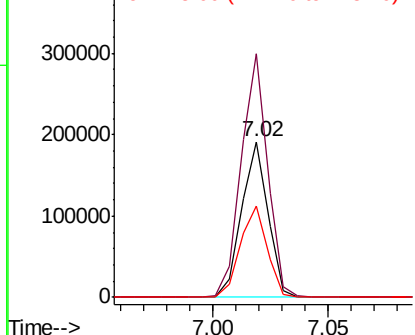
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.02 min Scan# 796  
Delta R.T. 0.01 min  
Lab File: BF108311.D  
Acq: 21 Aug 2018 00:49

Instrument :  
BNA\_F  
ClientSampleId :  
CARLSTADT-FRONT

Tgt Ion:152 Resp: 153104  
Ion Ratio Lower Upper  
152 100  
150 156.6 124.6 186.8  
115 58.9 50.1 75.1



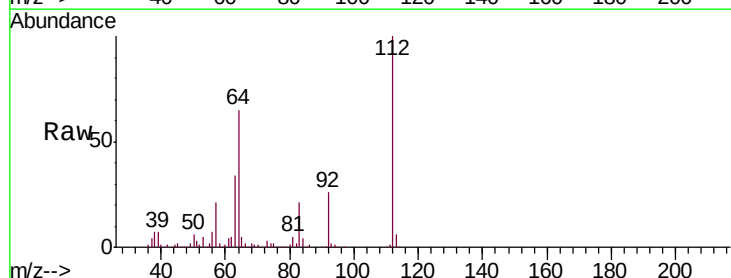
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



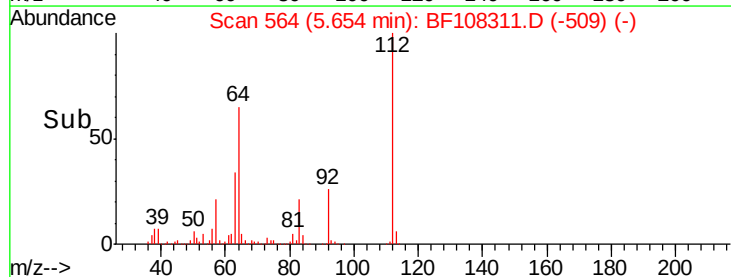
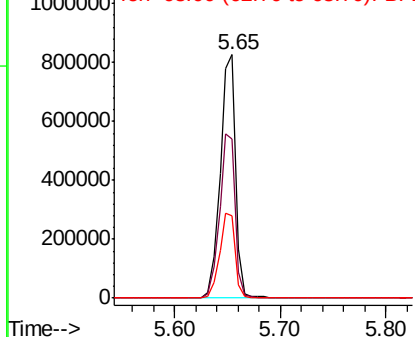
#5

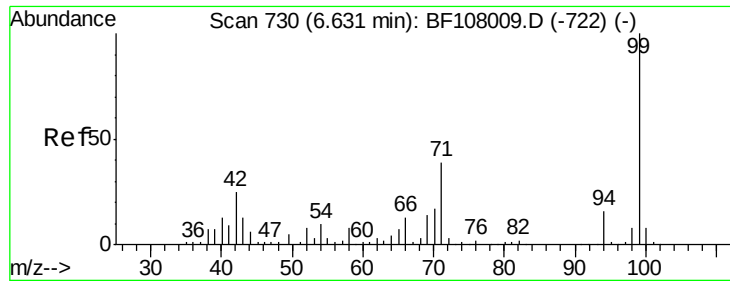
2-Fluorophenol  
Concen: 100.195 ng  
RT: 5.65 min Scan# 564  
Delta R.T. 0.02 min  
Lab File: BF108311.D  
Acq: 21 Aug 2018 00:49

Tgt Ion:112 Resp: 847319  
Ion Ratio Lower Upper  
112 100  
64 65.2 47.9 71.9  
63 33.9 23.7 35.5



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





#7

Phenol-d6

Concen: 98.087 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108311.D

Acq: 21 Aug 2018 00:49

Instrument :

BNA\_F

ClientSampleId :

CARLSTADT-FRONT

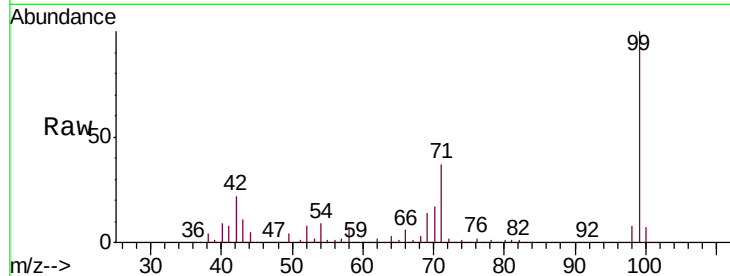
Tgt Ion: 99 Resp: 1102280

Ion Ratio Lower Upper

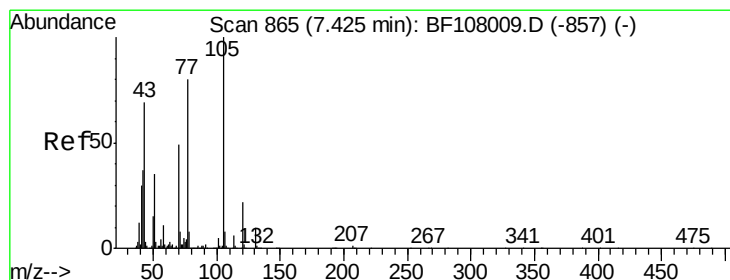
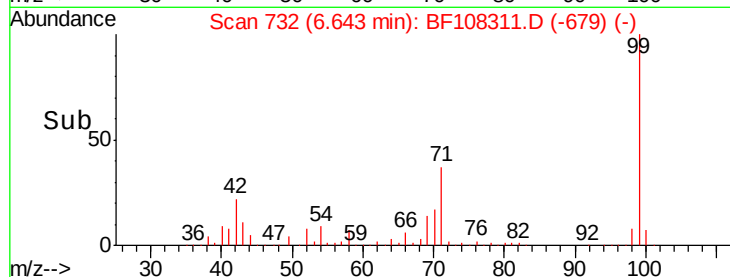
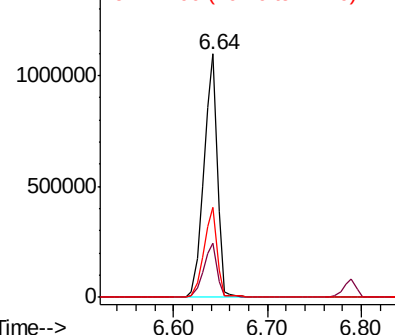
99 100

42 22.3 14.5 21.7#

71 37.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 12.079 ng

RT: 7.58 min Scan# 891

Delta R.T. 0.15 min

Lab File: BF108311.D

Acq: 21 Aug 2018 00:49

Tgt Ion: 70 Resp: 91791

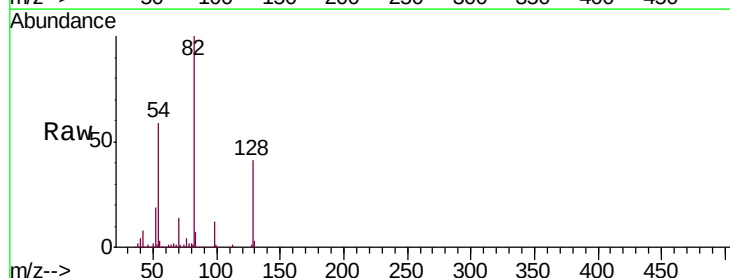
Ion Ratio Lower Upper

70 100

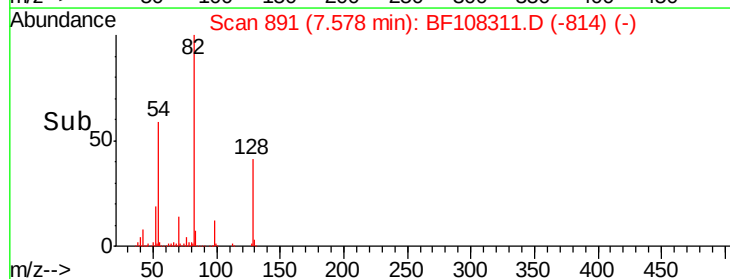
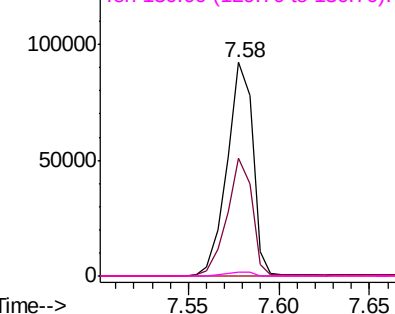
42 55.3 47.5 71.3

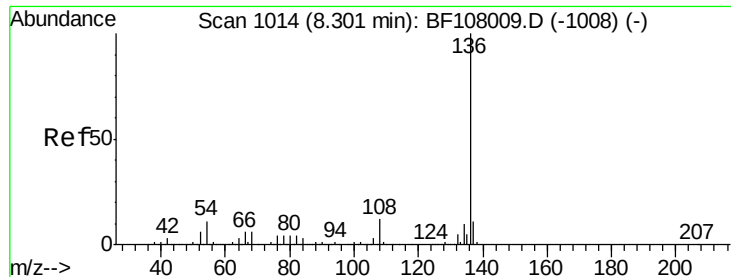
101 0.0 7.4 11.2#

130 2.1 16.6 25.0#



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

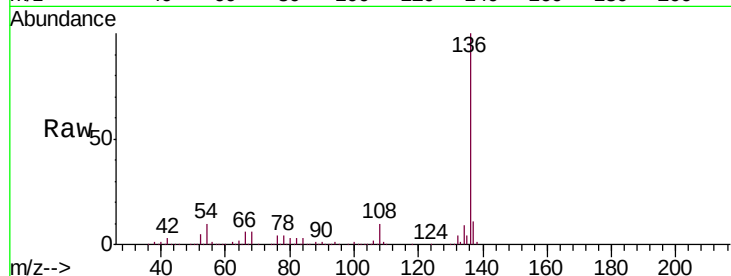




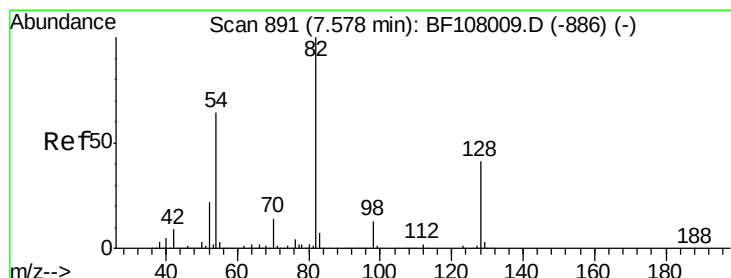
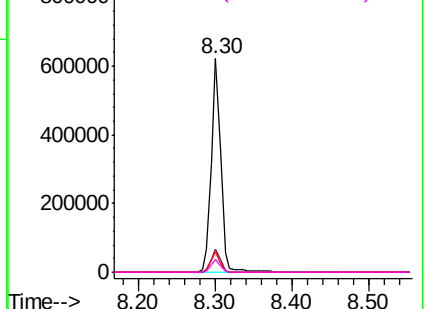
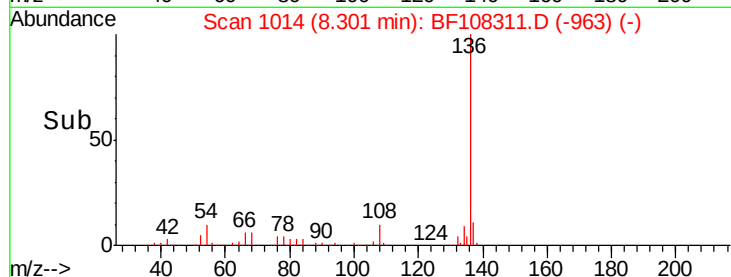
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.30 min Scan# 1014  
Delta R.T. 0.00 min  
Lab File: BF108311.D  
Acq: 21 Aug 2018 00:49

Instrument :  
BNA\_F  
ClientSampleId :  
CARLSTADT-FRONT

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 529522 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.5  | 8.9   | 13.3   |
| 54       | 9.6   | 6.6   | 9.8    |
| 68       | 5.8   | 5.0   | 7.4    |

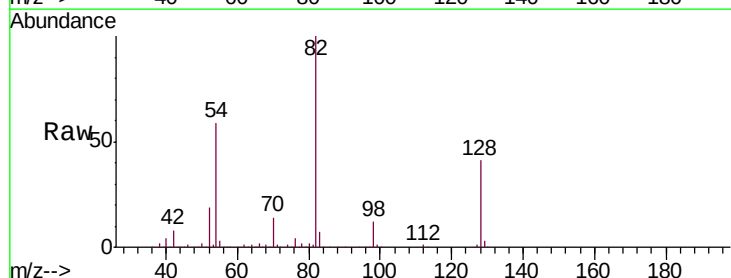


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

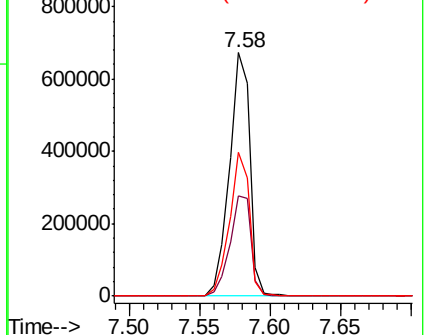
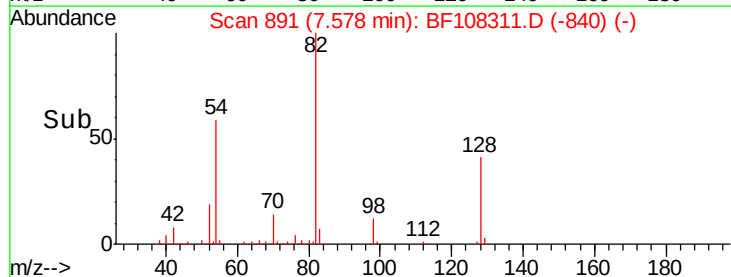


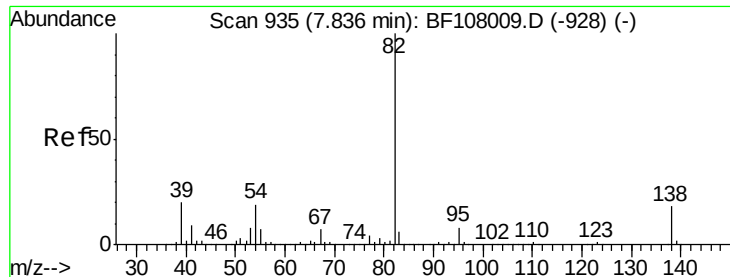
#23  
Nitrobenzene-d5  
Concen: 71.830 ng  
RT: 7.58 min Scan# 891  
Delta R.T. 0.00 min  
Lab File: BF108311.D  
Acq: 21 Aug 2018 00:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 681624 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 41.0  | 36.1  | 54.1   |
| 54       | 58.9  | 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





#25

Isophorone

Concen: 37.685 ng

RT: 7.58 min Scan# 891

Delta R.T. -0.26 min

Lab File: BF108311.D

Acq: 21 Aug 2018 00:49

Instrument :

BNA\_F

ClientSampleId :

CARLSTADT-FRONT

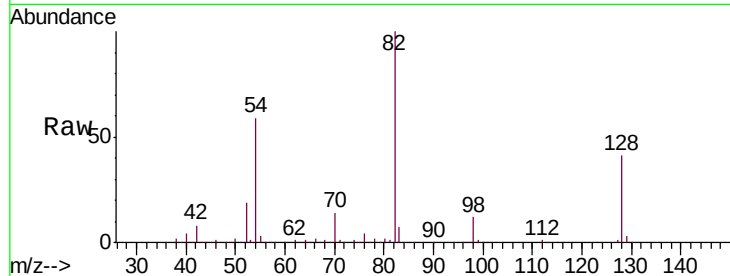
Tgt Ion: 82 Resp: 681612

Ion Ratio Lower Upper

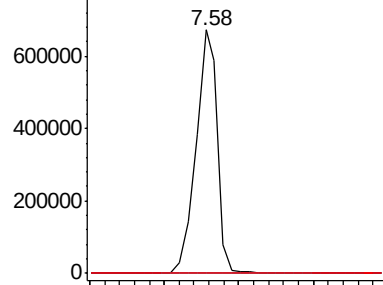
82 100

95 0.0 5.2 7.8#

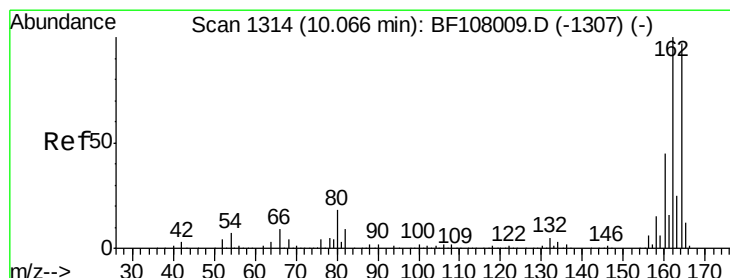
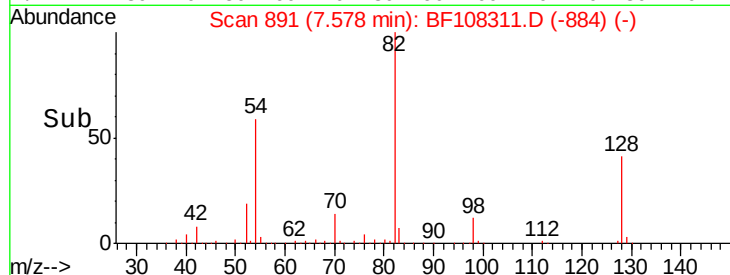
138 0.0 14.9 22.3#



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



Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.07 min Scan# 1314

Delta R.T. 0.00 min

Lab File: BF108311.D

Acq: 21 Aug 2018 00:49

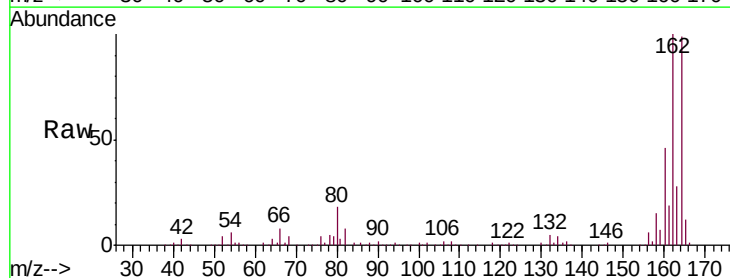
Tgt Ion: 164 Resp: 222612

Ion Ratio Lower Upper

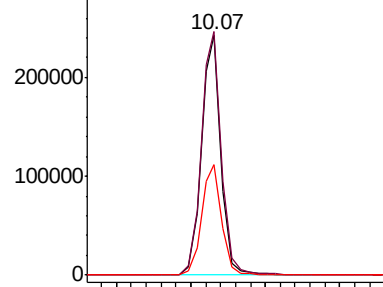
164 100

162 101.5 86.1 129.1

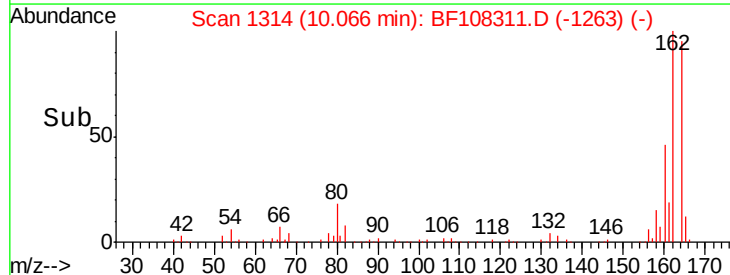
160 46.2 38.3 57.5

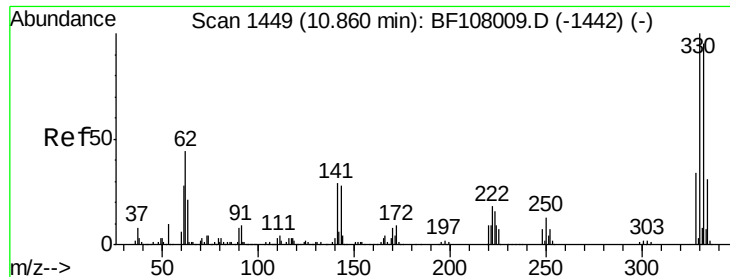


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E



Time-->

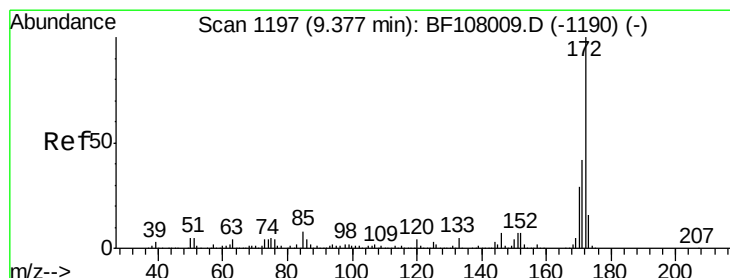
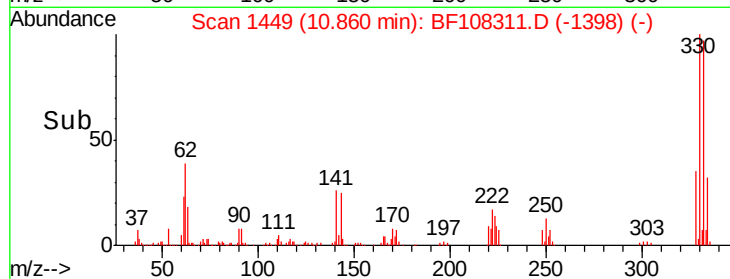
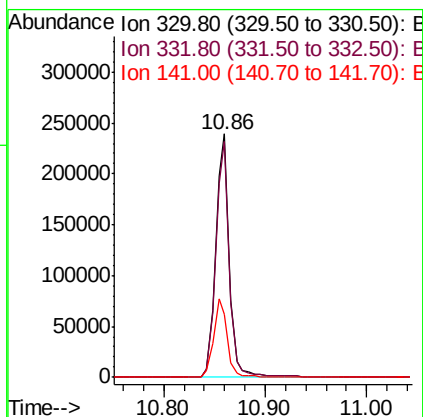
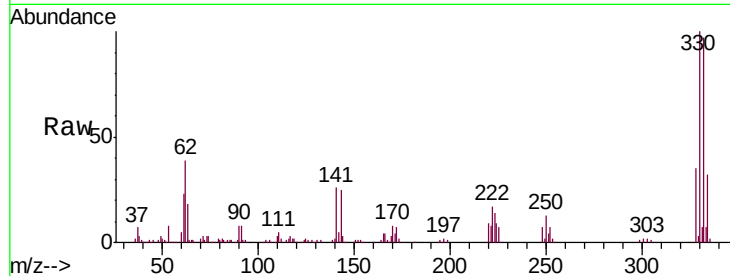




#41  
 2,4,6-Tribromophenol  
 Concen: 101.067 ng  
 RT: 10.86 min Scan# 1449  
 Delta R.T. 0.00 min  
 Lab File: BF108311.D  
 Acq: 21 Aug 2018 00:49

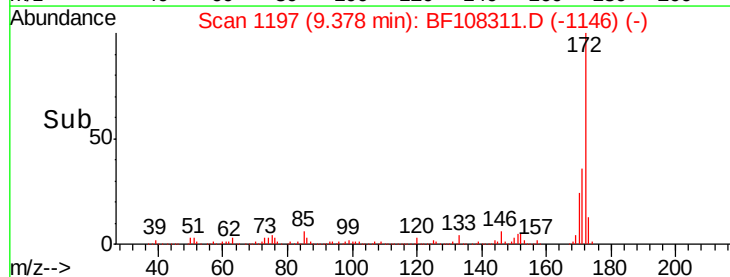
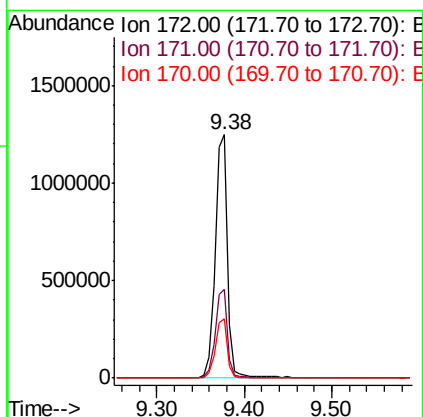
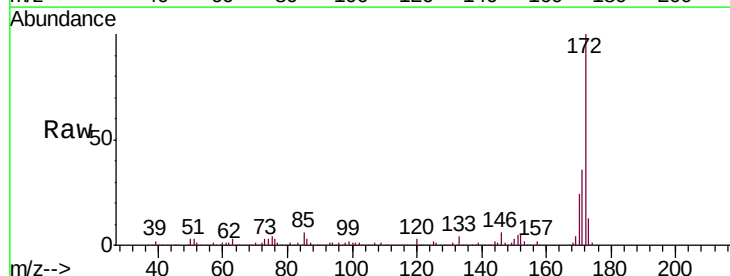
Instrument :  
 BNA\_F  
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 CARLSTADT-FRONT

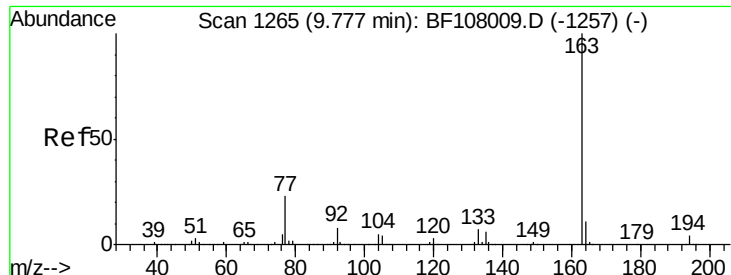
Tgt Ion:330 Resp: 224418  
 Ion Ratio Lower Upper  
 330 100  
 332 96.6 77.0 115.6  
 141 32.6 29.9 44.9



#44  
 2-Fluorobiphenyl  
 Concen: 88.143 ng  
 RT: 9.38 min Scan# 1197  
 Delta R.T. 0.00 min  
 Lab File: BF108311.D  
 Acq: 21 Aug 2018 00:49

Tgt Ion:172 Resp: 1222174  
 Ion Ratio Lower Upper  
 172 100  
 171 36.4 29.7 44.5  
 170 24.2 19.6 29.4

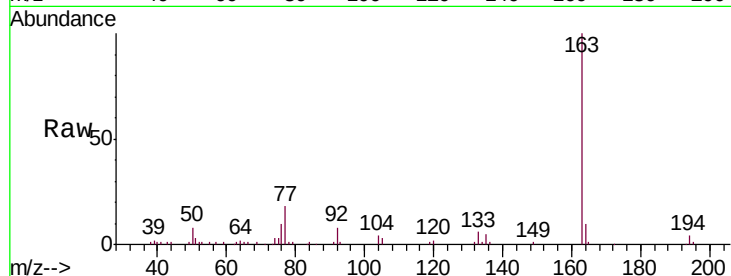




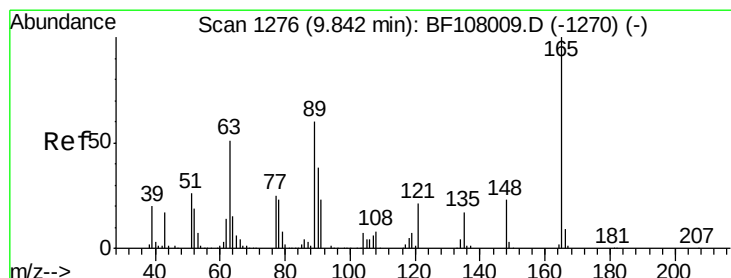
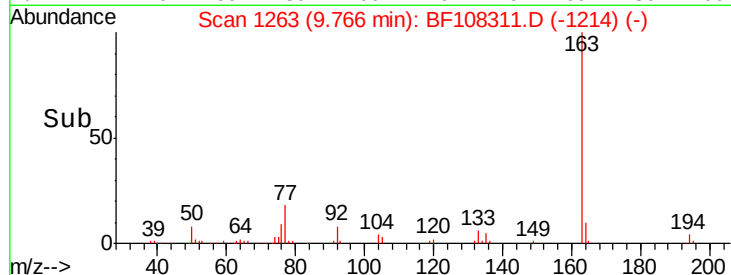
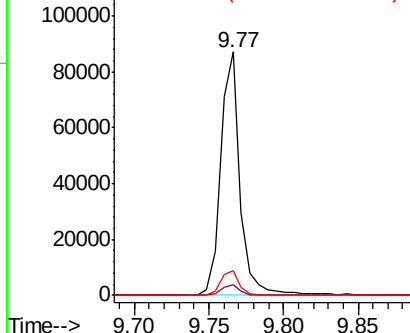
#49  
Dimethylphthalate  
Concen: 5.121 ng  
RT: 9.77 min Scan# 1263  
Delta R.T. -0.01 min  
Lab File: BF108311.D  
Acq: 21 Aug 2018 00:49

Instrument :  
BNA\_F  
ClientSampleId :  
CARLSTADT-FRONT

Tgt Ion:163 Resp: 79409  
Ion Ratio Lower Upper  
163 100  
194 4.2 2.7 4.1#  
164 9.9 8.2 12.2

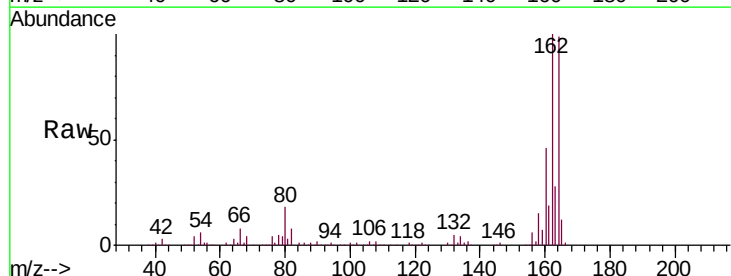


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

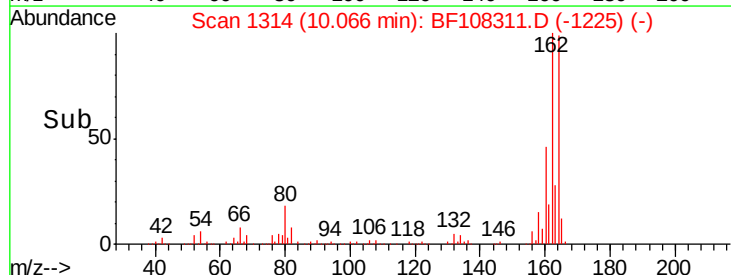
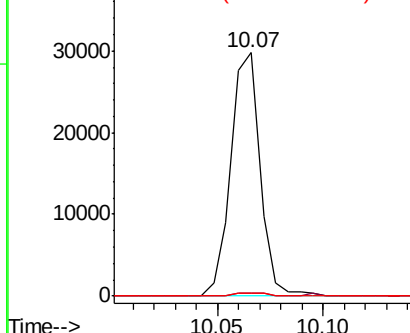


#50  
2,6-Dinitrotoluene  
Concen: 8.798 ng  
RT: 10.07 min Scan# 1314  
Delta R.T. 0.22 min  
Lab File: BF108311.D  
Acq: 21 Aug 2018 00:49

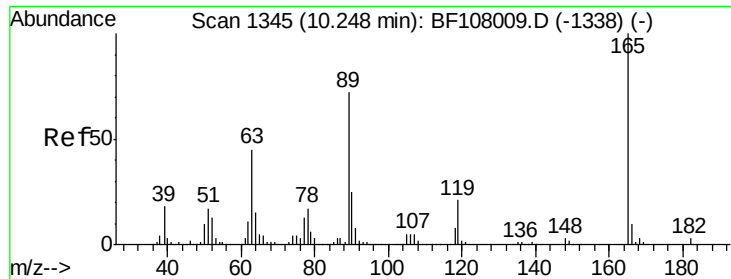
Tgt Ion:165 Resp: 28545  
Ion Ratio Lower Upper  
165 100  
63 1.5 44.7 67.1#  
89 1.2 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1



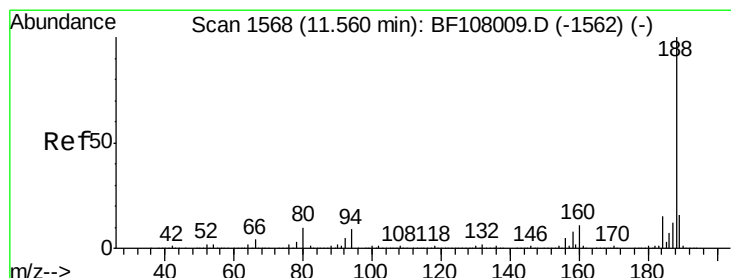
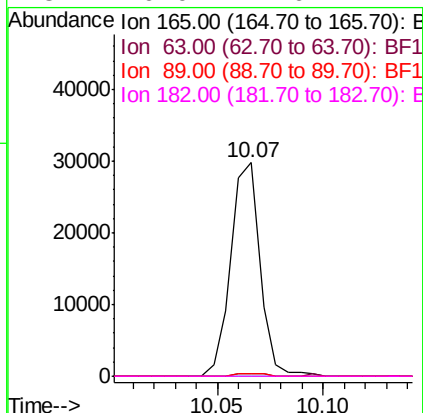
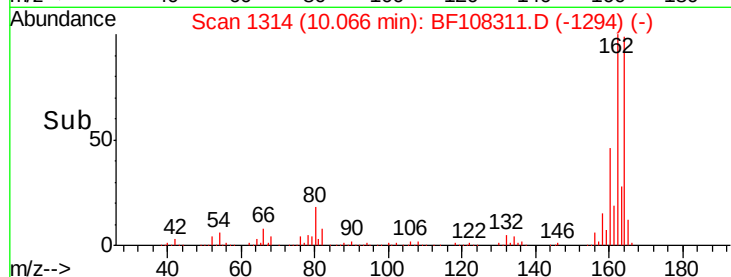
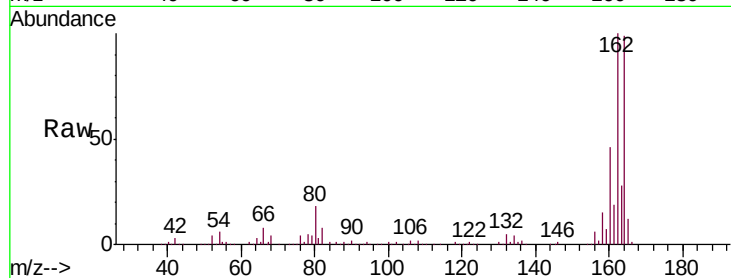




#56  
 2,4-Dinitrotoluene  
 Concen: 6.835 ng  
 RT: 10.07 min Scan# 1314  
 Delta R.T. -0.18 min  
 Lab File: BF108311.D  
 Acq: 21 Aug 2018 00:49

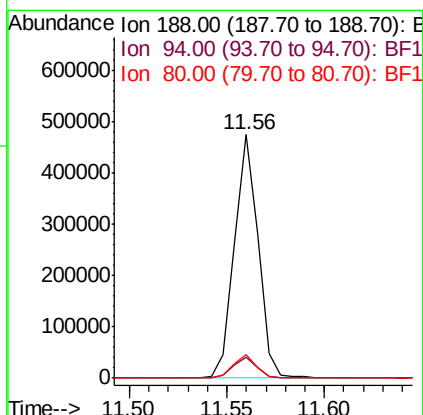
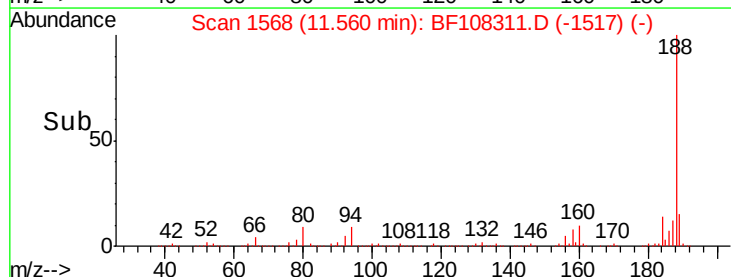
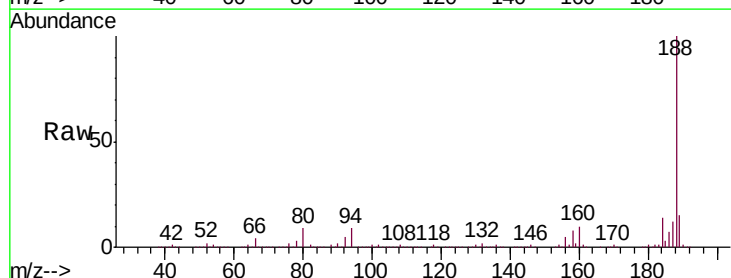
Instrument :  
 BNA\_F  
 ClientSampleId :  
 CARLSTADT-FRONT

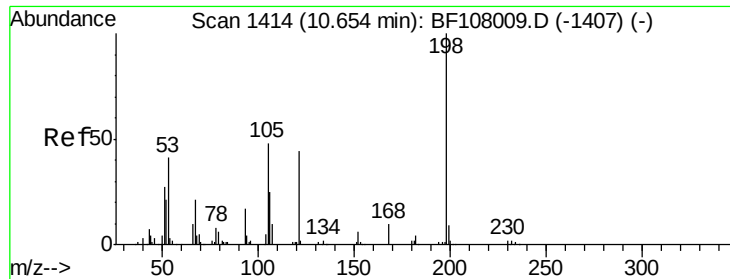
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 1.5   | 36.4  | 54.6# |
| 89      | 1.2   | 57.8  | 86.6# |
| 182     | 0.0   | 1.6   | 2.4#  |



#63  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.56 min Scan# 1568  
 Delta R.T. 0.00 min  
 Lab File: BF108311.D  
 Acq: 21 Aug 2018 00:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 8.5   | 8.5   | 12.7  |
| 80      | 9.4   | 9.2   | 13.8  |

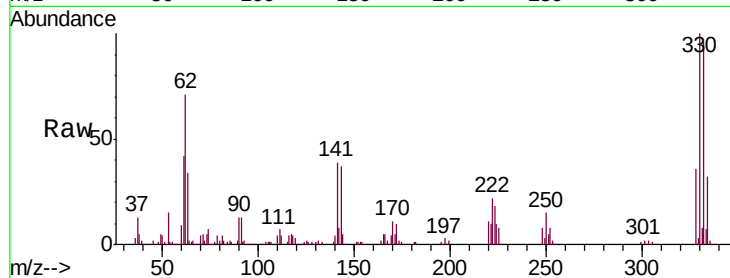




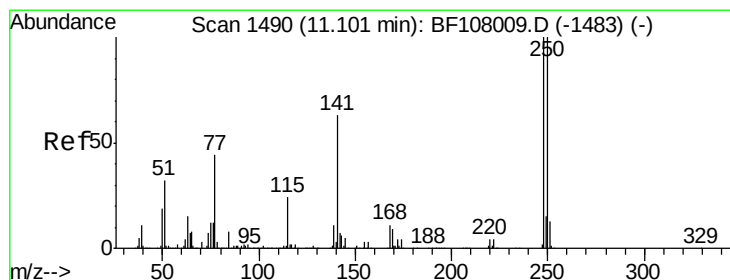
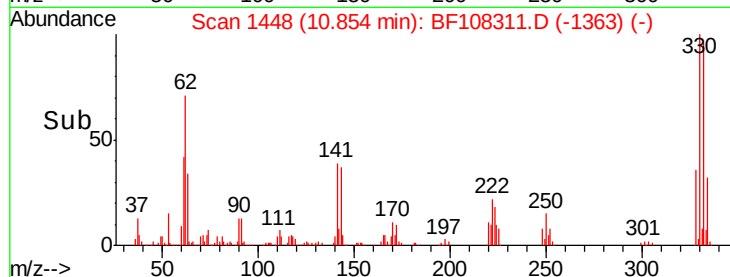
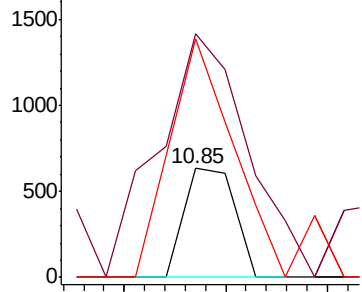
#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 5.616 ng  
 RT: 10.85 min Scan# 1448  
 Delta R.T. 0.20 min  
 Lab File: BF108311.D  
 Acq: 21 Aug 2018 00:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CARLSTADT-FRONT

Tgt Ion:198 Resp: 437  
 Ion Ratio Lower Upper  
 198 100  
 51 223.0 37.7 77.7#  
 105 218.9 36.3 76.3#

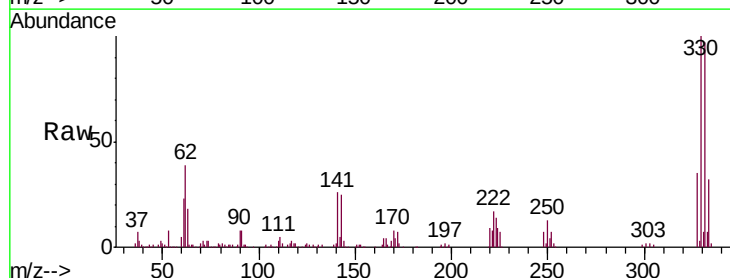


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 51.00 (50.70 to 51.70): BF1  
 Ion 105.00 (104.70 to 105.70): E

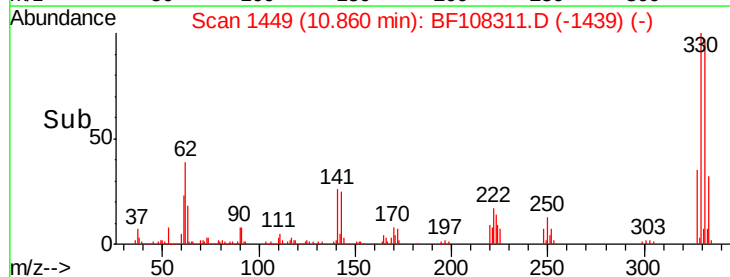
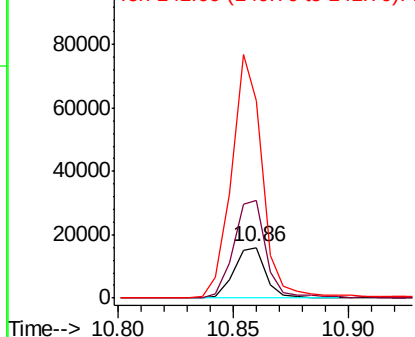


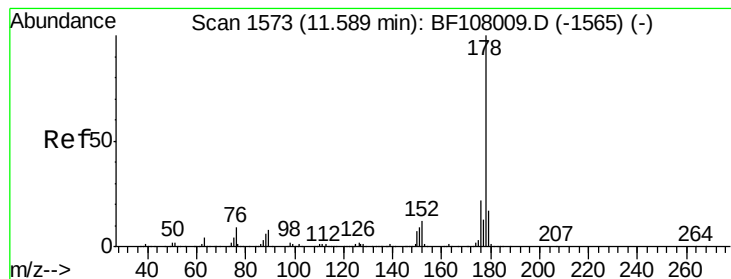
#66  
 4-Bromophenyl-phenylether  
 Concen: 3.515 ng  
 RT: 10.86 min Scan# 1449  
 Delta R.T. -0.24 min  
 Lab File: BF108311.D  
 Acq: 21 Aug 2018 00:49

Tgt Ion:248 Resp: 15355  
 Ion Ratio Lower Upper  
 248 100  
 250 192.8 76.9 115.3#  
 141 390.4 74.4 111.6#



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





#70

Phenanthrene

Concen: 3.240 ng

RT: 11.58 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF108311.D

Acq: 21 Aug 2018 00:49

Instrument :

BNA\_F

ClientSampleId :

CARLSTADT-FRONT

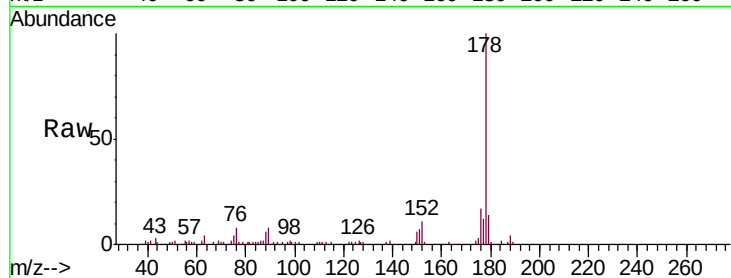
Tgt Ion:178 Resp: 61428

Ion Ratio Lower Upper

178 100

176 17.0 15.8 23.8

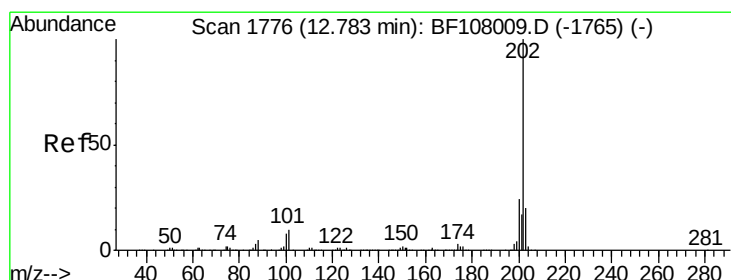
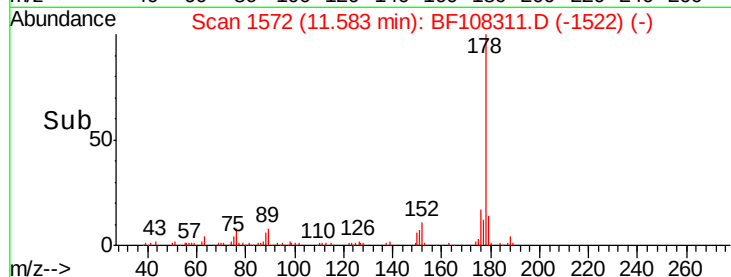
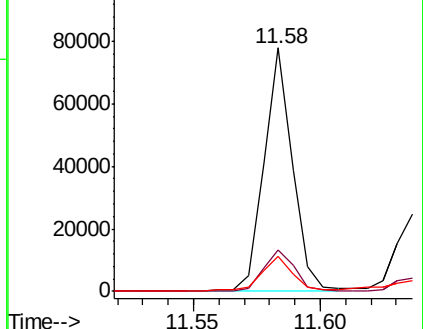
179 14.2 13.0 19.6



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



#74

Fluoranthene

Concen: 6.607 ng

RT: 12.78 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF108311.D

Acq: 21 Aug 2018 00:49

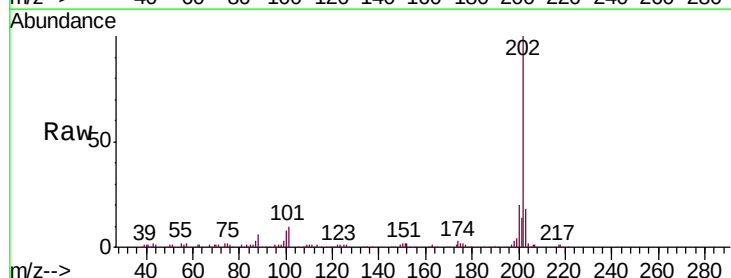
Tgt Ion:202 Resp: 136705

Ion Ratio Lower Upper

202 100

101 10.4 0.0 34.1

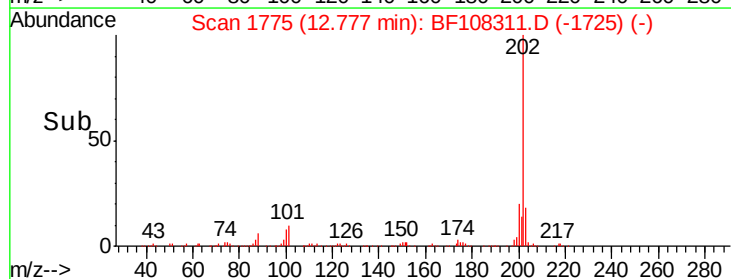
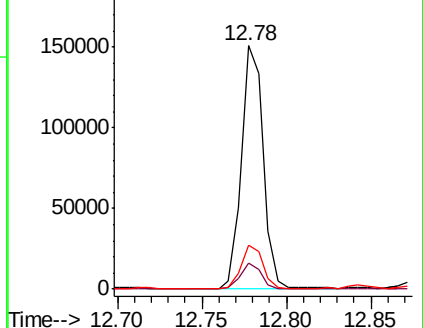
203 17.9 0.0 38.1

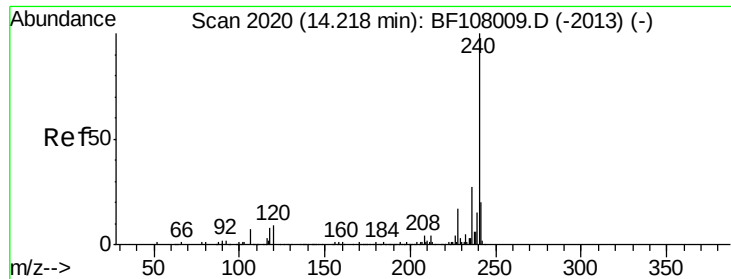


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.22 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF108311.D

Acq: 21 Aug 2018 00:49

Instrument :

BNA\_F

ClientSampleId :

CARLSTADT-FRONT

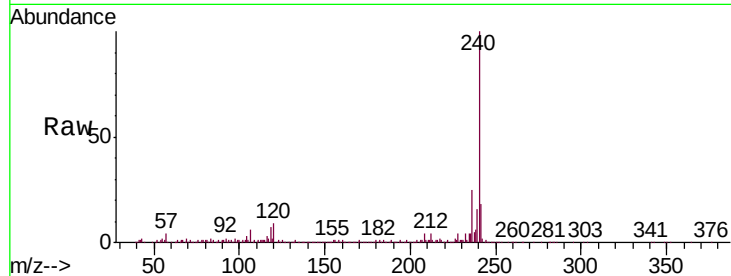
Tgt Ion:240 Resp: 276584

Ion Ratio Lower Upper

240 100

120 8.6 9.5 14.3#

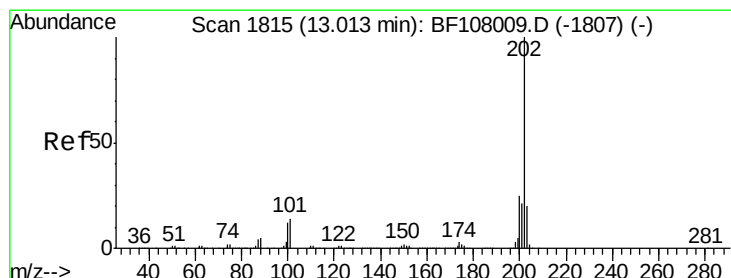
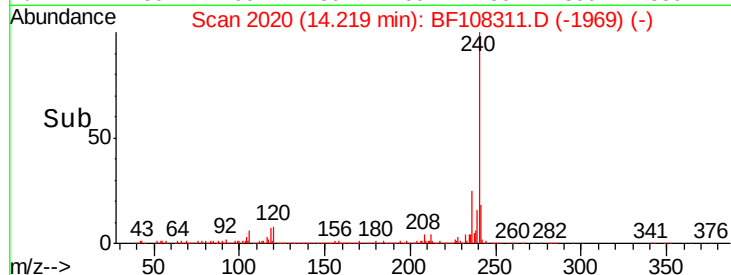
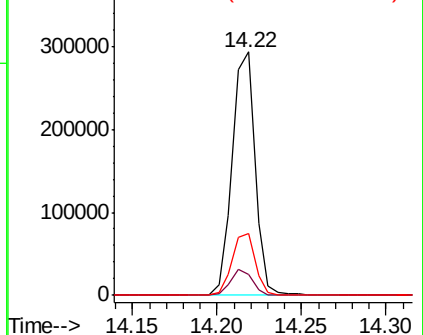
236 25.3 20.7 31.1



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

Pyrene

Concen: 7.108 ng

RT: 13.01 min Scan# 1815

Delta R.T. 0.00 min

Lab File: BF108311.D

Acq: 21 Aug 2018 00:49

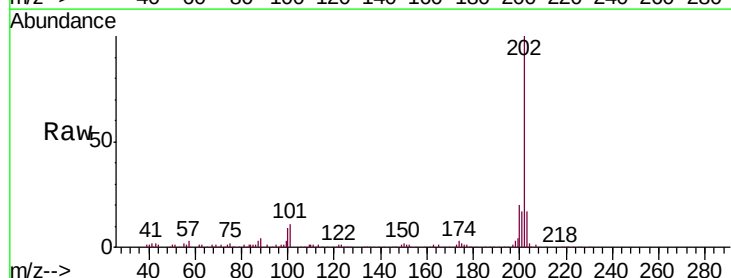
Tgt Ion:202 Resp: 124466

Ion Ratio Lower Upper

202 100

200 20.1 17.4 26.2

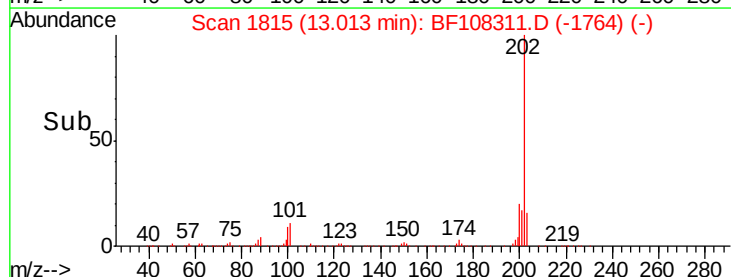
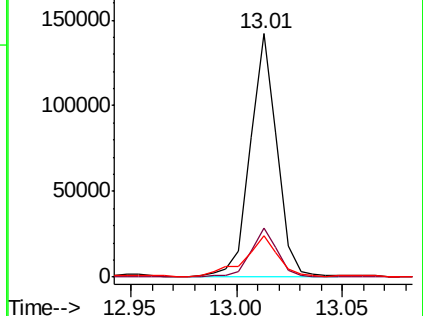
203 17.0 14.3 21.5

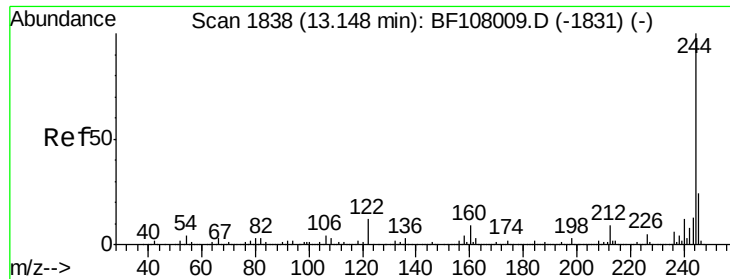


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 98.337 ng

RT: 13.15 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF108311.D

Acq: 21 Aug 2018 00:49

Instrument :

BNA\_F

ClientSampleId :

CARLSTADT-FRONT

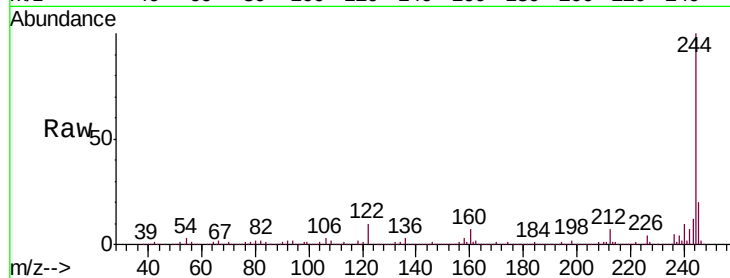
Tgt Ion:244 Resp: 1069724

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

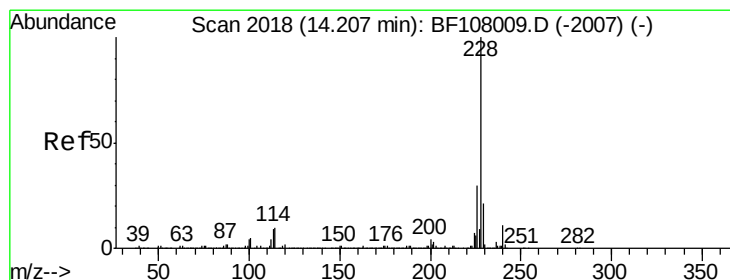
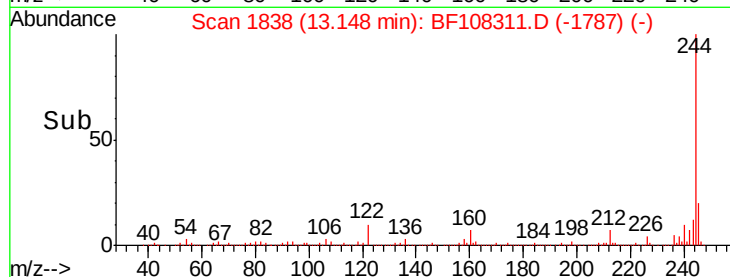
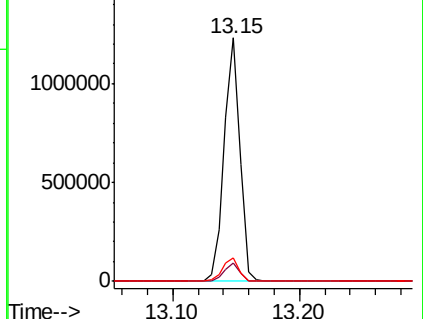
122 9.7 11.0 16.4#



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: 3.606 ng

RT: 14.21 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF108311.D

Acq: 21 Aug 2018 00:49

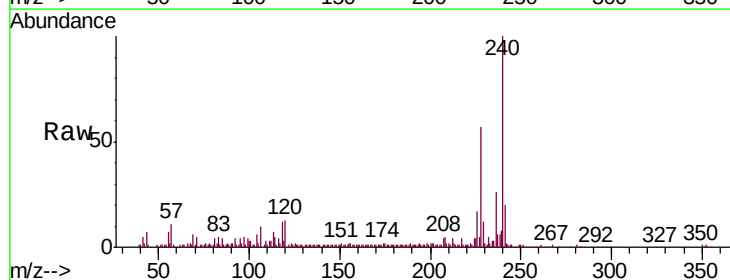
Tgt Ion:228 Resp: 57231

Ion Ratio Lower Upper

228 100

226 29.3 22.6 33.8

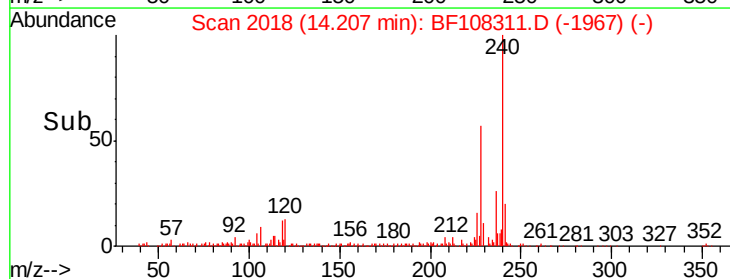
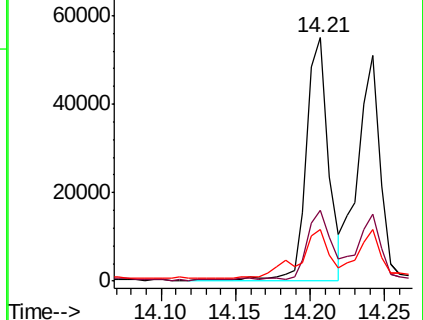
229 21.4 15.8 23.6

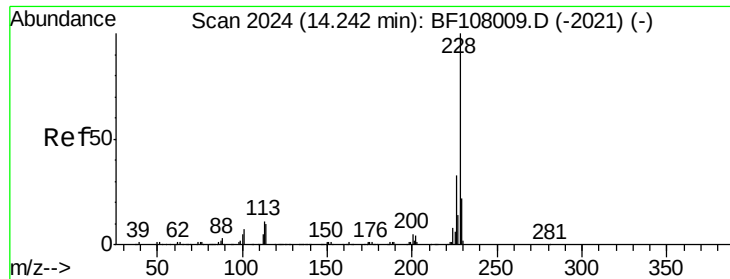


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 3.642 ng

RT: 14.24 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF108311.D

Acq: 21 Aug 2018 00:49

Instrument :

BNA\_F

ClientSampleId :

CARLSTADT-FRONT

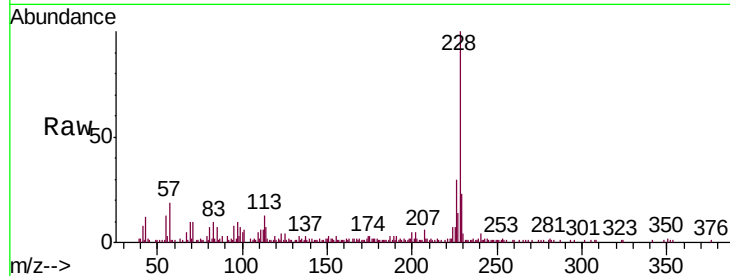
Tgt Ion:228 Resp: 52996

Ion Ratio Lower Upper

228 100

226 29.9 25.0 37.6

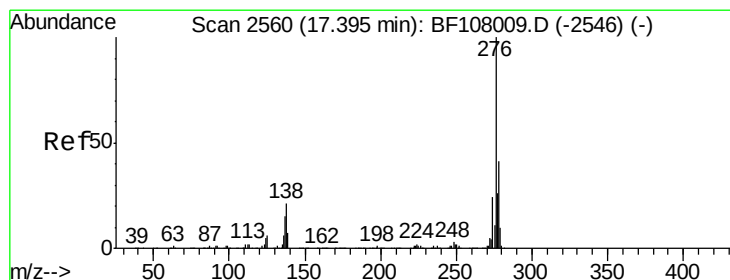
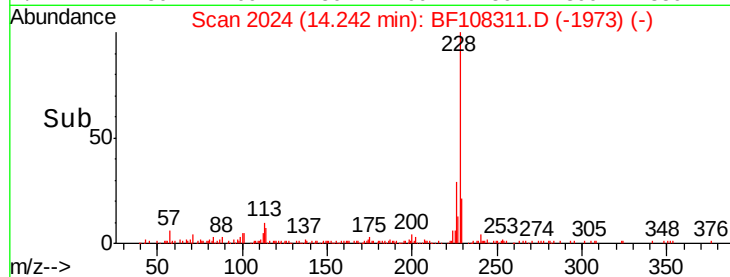
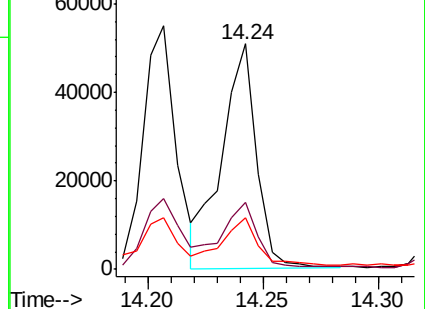
229 22.9 16.2 24.4



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: 2.157 ng

RT: 17.40 min Scan# 2561

Delta R.T. 0.01 min

Lab File: BF108311.D

Acq: 21 Aug 2018 00:49

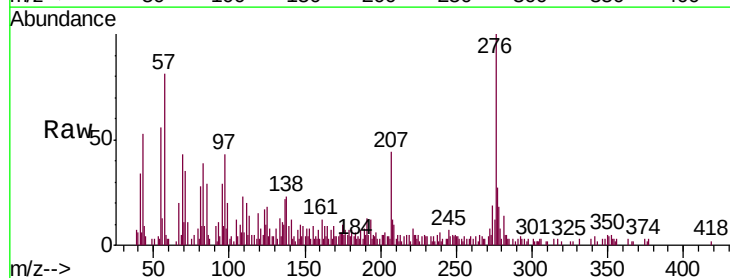
Tgt Ion:276 Resp: 27200

Ion Ratio Lower Upper

276 100

138 17.0 25.0 37.6#

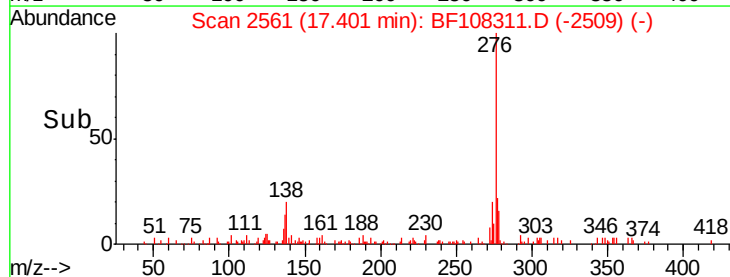
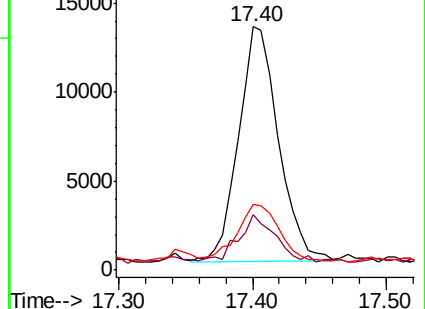
277 26.0 20.1 30.1

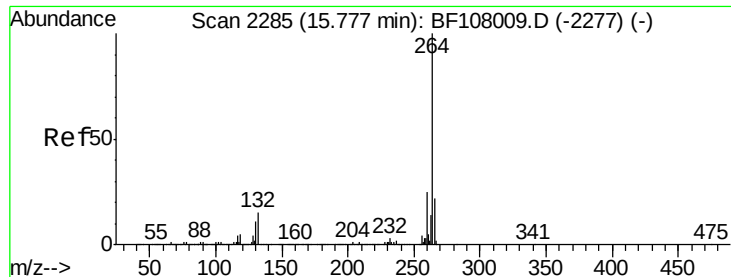


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

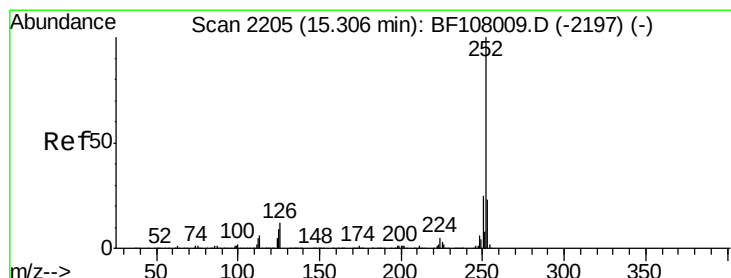
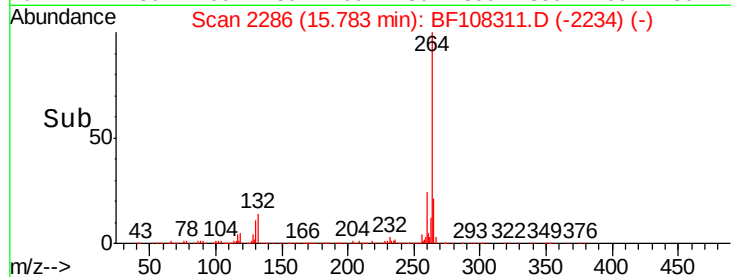
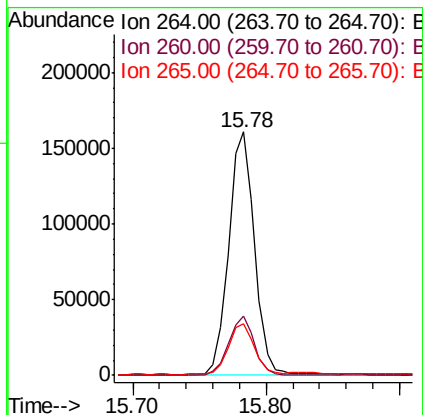
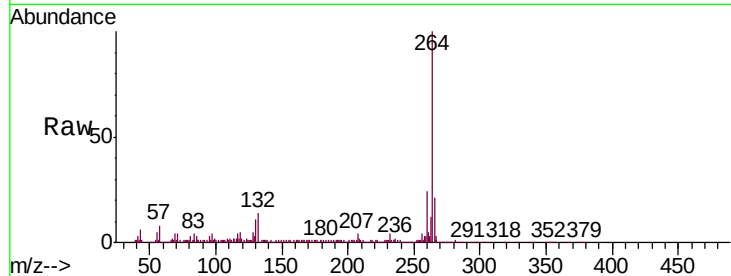




#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.78 min Scan# 2286  
Delta R.T. 0.01 min  
Lab File: BF108311.D  
Acq: 21 Aug 2018 00:49

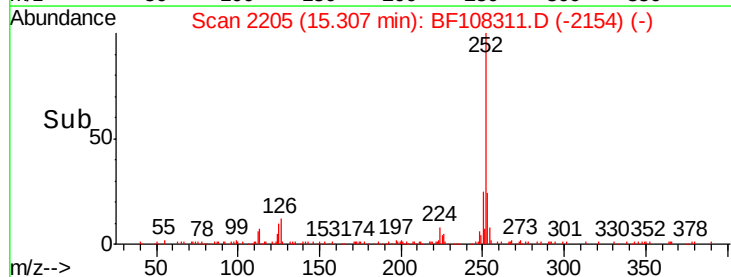
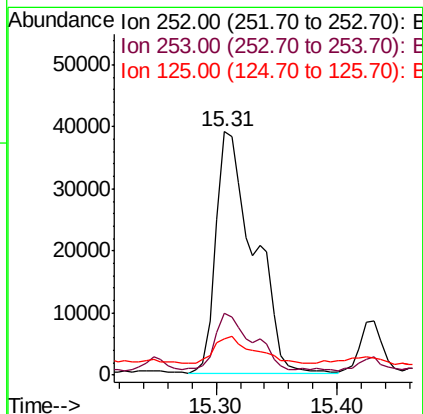
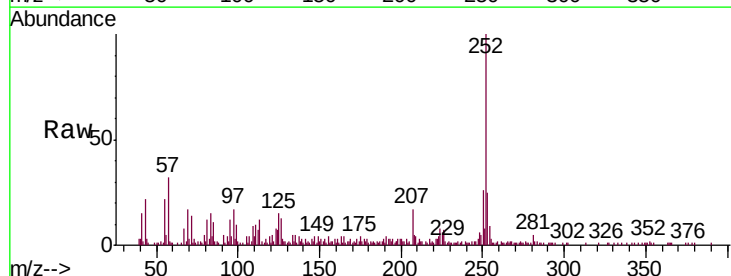
Instrument :  
BNA\_F  
ClientSampleId :  
CARLSTADT-FRONT

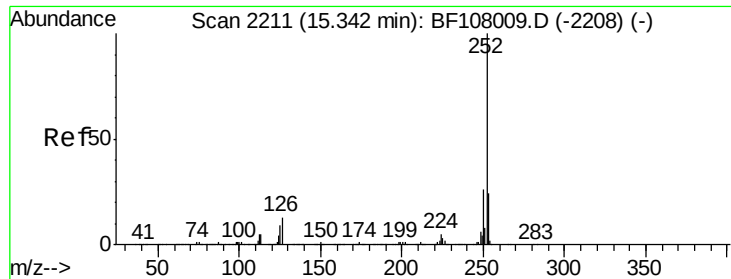
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 264   | Resp: | 218509 |
| Ion      | Ratio | Lower | Upper  |
| 264      | 100   |       |        |
| 260      | 24.5  | 19.2  | 28.8   |
| 265      | 21.4  | 17.5  | 26.3   |



#87  
Benzo(b)fluoranthene  
Concen: 6.484 ng  
RT: 15.31 min Scan# 2205  
Delta R.T. 0.00 min  
Lab File: BF108311.D  
Acq: 21 Aug 2018 00:49

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 252   | Resp: | 84659 |
| Ion      | Ratio | Lower | Upper |
| 252      | 100   |       |       |
| 253      | 25.3  | 17.0  | 25.6  |
| 125      | 14.7  | 9.0   | 13.6# |

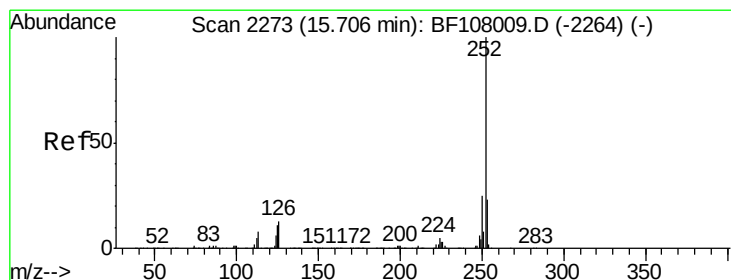
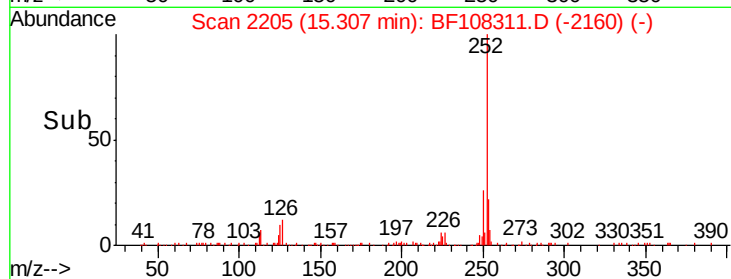
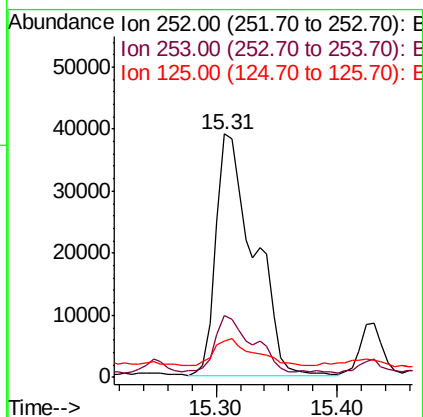
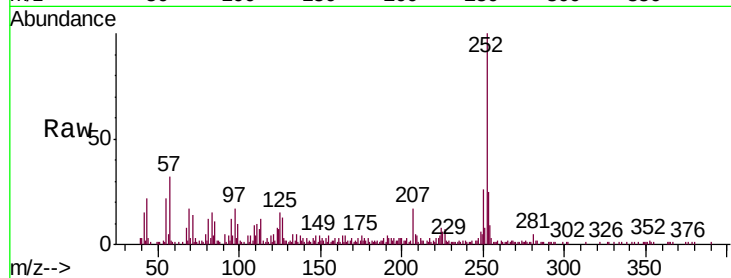




#88  
Benzo(k)fluoranthene  
Concen: 7.054 ng  
RT: 15.31 min Scan# 2205  
Delta R.T. -0.04 min  
Lab File: BF108311.D  
Acq: 21 Aug 2018 00:49

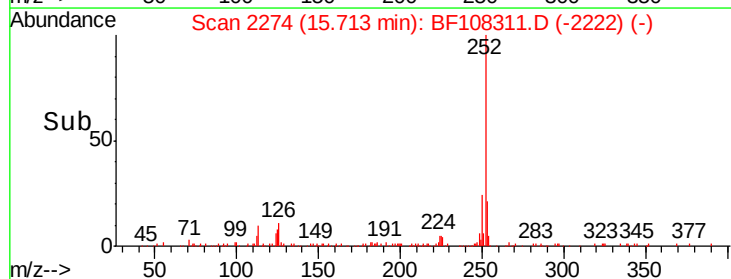
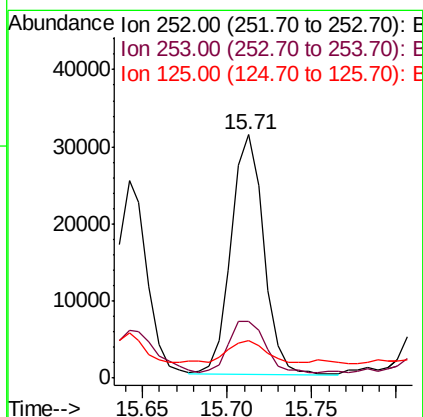
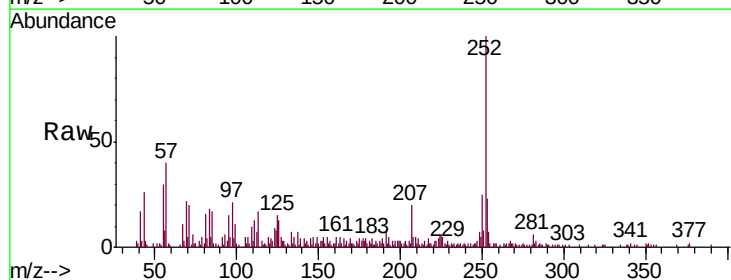
Instrument :  
BNA\_F  
ClientSampleId :  
CARLSTADT-FRONT

Tgt Ion: 252 Resp: 84659  
Ion Ratio Lower Upper  
252 100  
253 25.3 17.9 26.9  
125 14.7 10.2 15.2

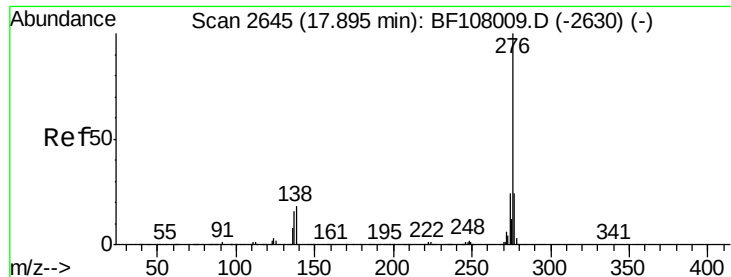


#89  
Benzo(a)pyrene  
Concen: 3.593 ng  
RT: 15.71 min Scan# 2274  
Delta R.T. 0.01 min  
Lab File: BF108311.D  
Acq: 21 Aug 2018 00:49

Tgt Ion: 252 Resp: 42007  
Ion Ratio Lower Upper  
252 100  
253 23.2 17.1 25.7  
125 15.2 9.8 14.6#







#91  
 Benzo(g,h,i)perylene  
 Concen: 3.036 ng  
 RT: 17.90 min Scan# 2646  
 Delta R.T. 0.01 min  
 Lab File: BF108311.D  
 Acq: 21 Aug 2018 00:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CARLSTADT-FRONT

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 27.4  | 17.9  | 26.9# |
| 138     | 20.6  | 21.8  | 32.8# |

