

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\  
 Data File : BF104814.D  
 Acq On : 26 Apr 2018 3:52  
 Operator : JU/SJ  
 Sample : J2497-06 20X  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Apr 26 08:24:14 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 25 14:01:50 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.80  | 152  | 91757    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.08  | 136  | 378016   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.84  | 164  | 157384   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.33 | 188  | 227998   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.98 | 240  | 190019   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.44 | 264  | 153581   | 20.00 | ng    | -0.02    |

|                             |       |     |       |      |    |       |
|-----------------------------|-------|-----|-------|------|----|-------|
| System Monitoring Compounds |       |     |       |      |    |       |
| 5) 2-Fluorophenol           | 5.41  | 112 | 30460 | 5.08 | ng | 0.00  |
| 7) Phenol-d6                | 6.44  | 99  | 37352 | 5.07 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 7.36  | 82  | 21819 | 3.77 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol    | 10.63 | 330 | 6672  | 4.09 | ng | 0.00  |
| 44) 2-Fluorobiphenyl        | 9.16  | 172 | 45485 | 4.57 | ng | 0.00  |
| 78) Terphenyl-d14           | 12.92 | 244 | 31700 | 3.80 | ng | 0.00  |

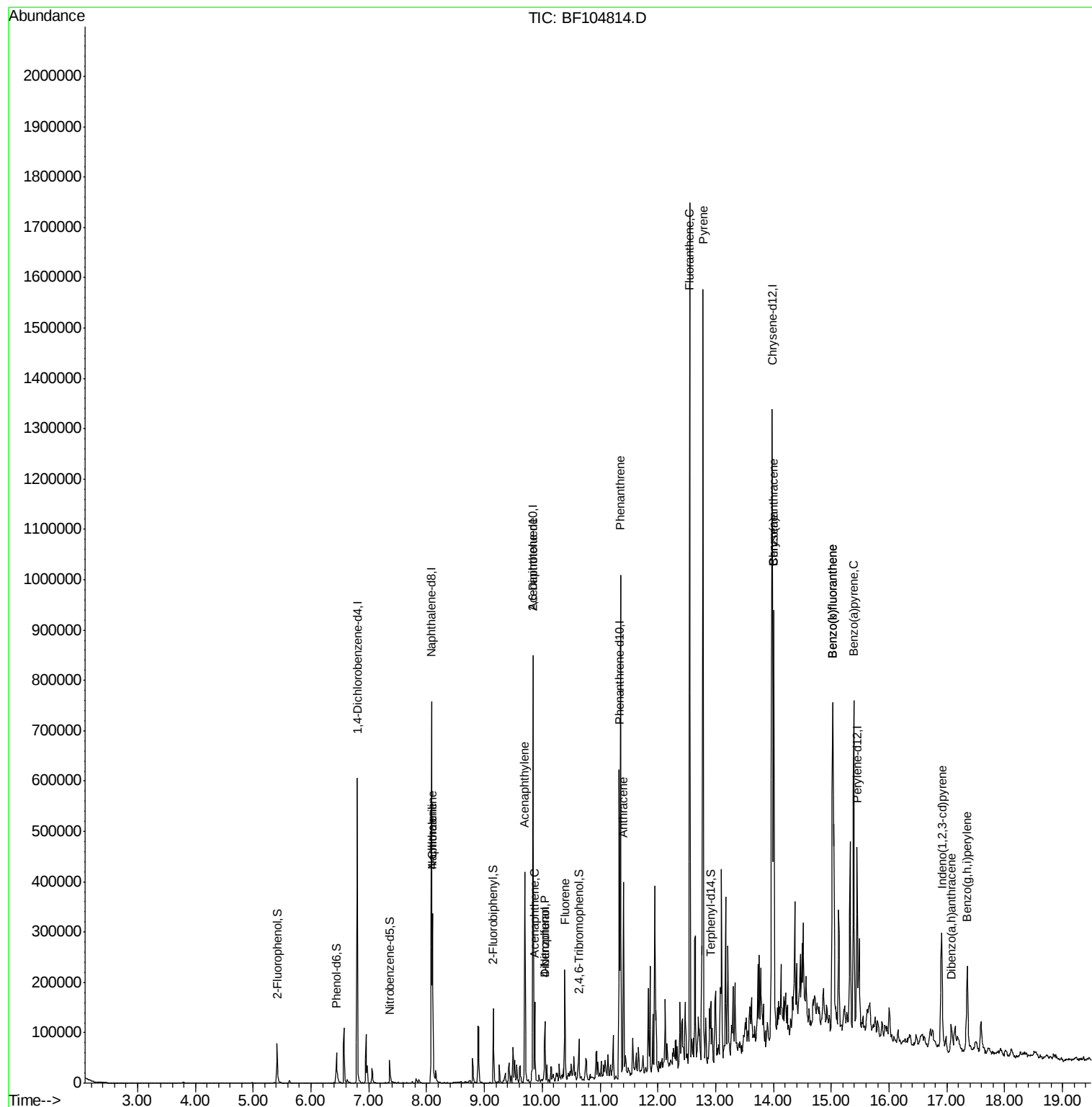
|                            |       |     |        |           |    |      |
|----------------------------|-------|-----|--------|-----------|----|------|
| Target Compounds           |       |     |        | Qvalue    |    |      |
| 9) Benzaldehyde            | 6.57  | 77  | 635    | Below Cal | #  | 76   |
| 31) Naphthalene            | 8.10  | 128 | 140154 | 7.446     | ng | 98   |
| 33) 4-Chloroaniline        | 8.10  | 127 | 17561  | 2.178     | ng | # 35 |
| 48) Acenaphthylene         | 9.70  | 152 | 182043 | 11.110    | ng | 100  |
| 50) 2,6-Dinitrotoluene     | 9.84  | 165 | 21603  | 9.407     | ng | # 26 |
| 51) Acenaphthene           | 9.87  | 154 | 33780  | 3.379     | ng | 94   |
| 54) Dibenzofuran           | 10.05 | 168 | 43501  | 3.122     | ng | 100  |
| 55) 4-Nitrophenol          | 10.05 | 139 | 16136  | 7.640     | ng | # 9  |
| 57) Fluorene               | 10.39 | 166 | 73896  | 7.287     | ng | 97   |
| 70) Phenanthrene           | 11.36 | 178 | 347630 | 27.379    | ng | 98   |
| 71) Anthracene             | 11.40 | 178 | 149887 | 11.613    | ng | 98   |
| 74) Fluoranthene           | 12.55 | 202 | 625542 | 47.154    | ng | 98   |
| 76) Benzidine              | 12.66 | 184 | 337    | Below Cal | #  | 66   |
| 77) Pyrene                 | 12.78 | 202 | 594145 | 42.183    | ng | 99   |
| 80) Benzo(a)anthracene     | 14.00 | 228 | 320731 | 28.253    | ng | 96   |
| 82) Chrysene               | 14.00 | 228 | 320731 | 27.507    | ng | 97   |
| 85) Indeno(1,2,3-cd)pyrene | 16.90 | 276 | 138789 | 14.012    | ng | # 90 |
| 87) Benzo(b)fluoranthene   | 15.02 | 252 | 526202 | 54.248    | ng | 97   |
| 88) Benzo(k)fluoranthene   | 15.02 | 252 | 526202 | 57.461    | ng | 99   |
| 89) Benzo(a)pyrene         | 15.39 | 252 | 283102 | 32.619    | ng | 99   |
| 90) Dibenzo(a,h)anthracene | 17.08 | 278 | 34216  | 4.800     | ng | 96   |
| 91) Benzo(g,h,i)perylene   | 17.35 | 276 | 126522 | 18.321    | ng | 94   |

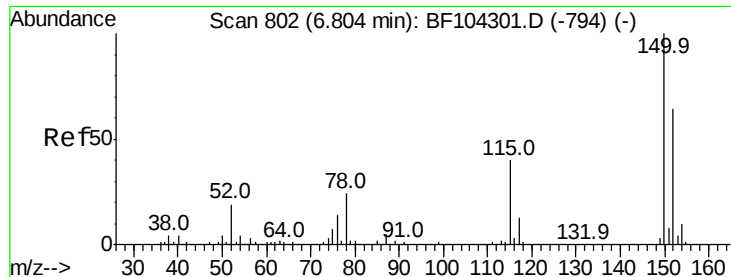
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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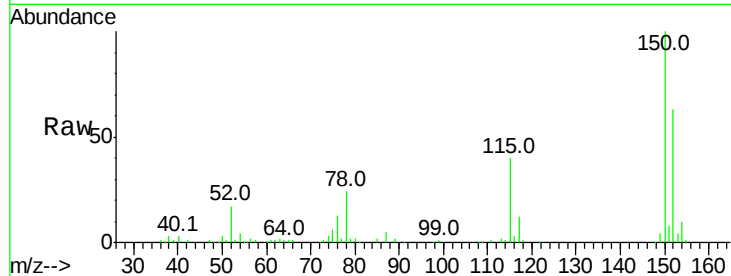


#1

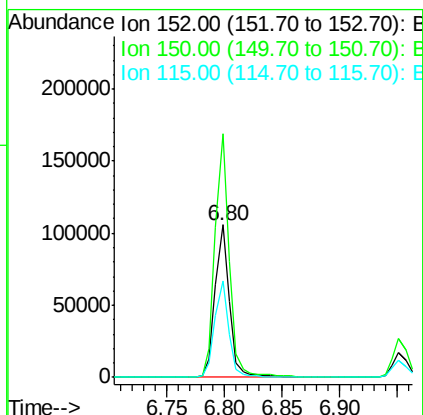
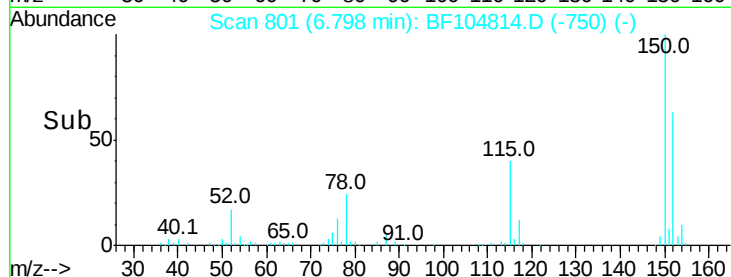
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.80 min Scan# 801  
Delta R.T. 0.00 min  
Lab File: BF104814.D  
Acq: 26 Apr 2018 3:52

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:152 Resp: 91757  
Ion Ratio Lower Upper  
152 100  
150 159.8 124.6 186.8  
115 63.3 50.1 75.1



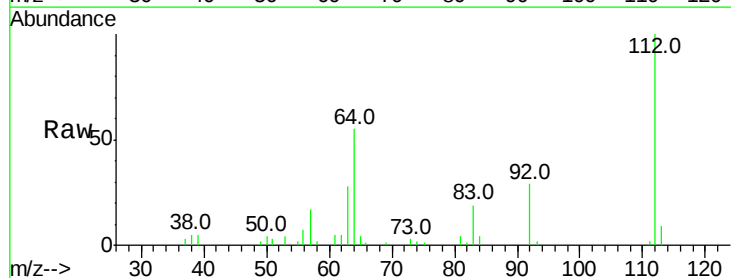
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



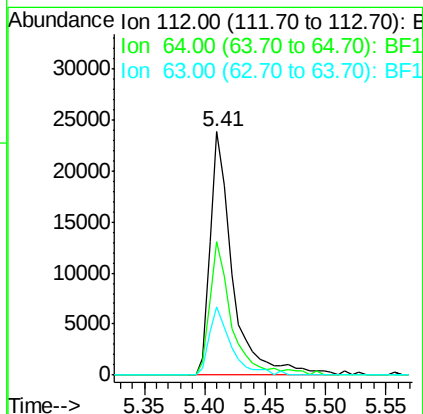
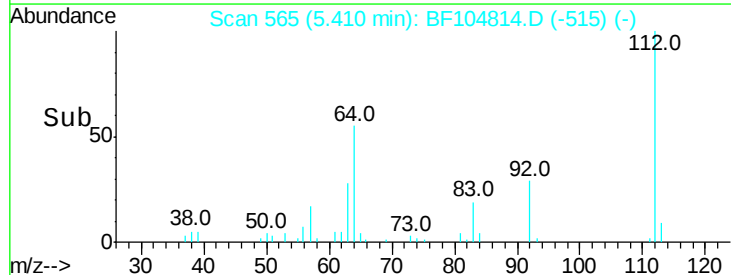
#5

2-Fluorophenol  
Concen: 5.076 ng  
RT: 5.41 min Scan# 565  
Delta R.T. -0.01 min  
Lab File: BF104814.D  
Acq: 26 Apr 2018 3:52

Tgt Ion:112 Resp: 30460  
Ion Ratio Lower Upper  
112 100  
64 55.1 47.9 71.9  
63 28.2 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: 5.066 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104814.D

Acq: 26 Apr 2018 3:52

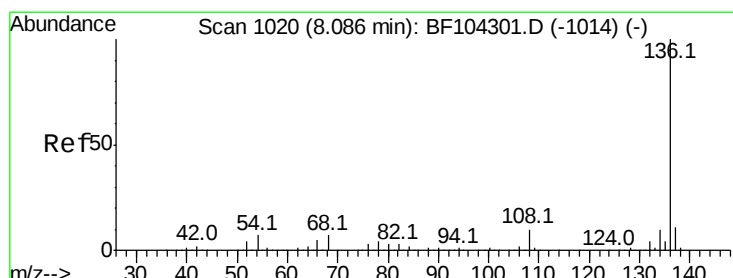
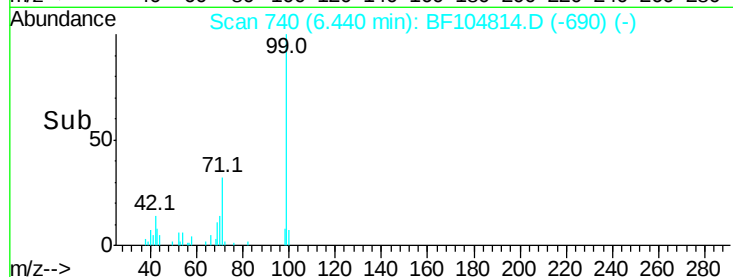
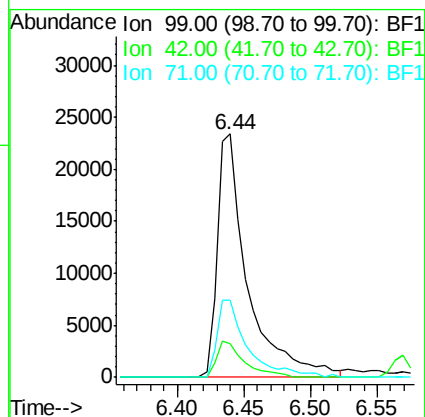
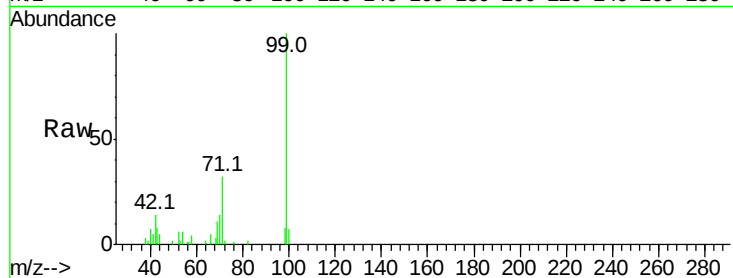
Instrument :

BNA\_F

ClientSampleId :

Tot Ion: 99 Resp: 37352

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 13.9  | 14.5  | 21.7# |
| 71  | 31.9  | 25.4  | 38.0  |



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

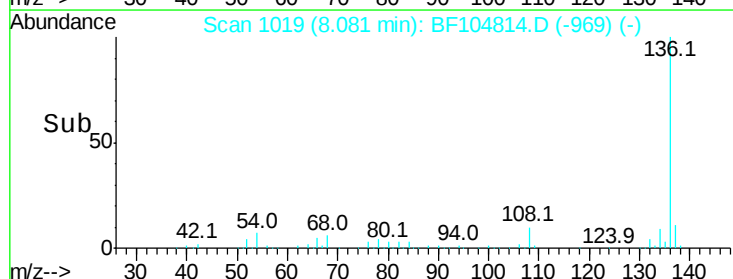
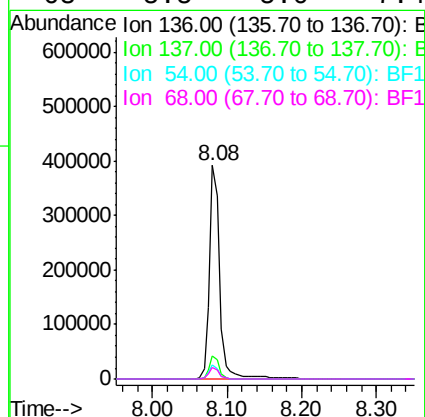
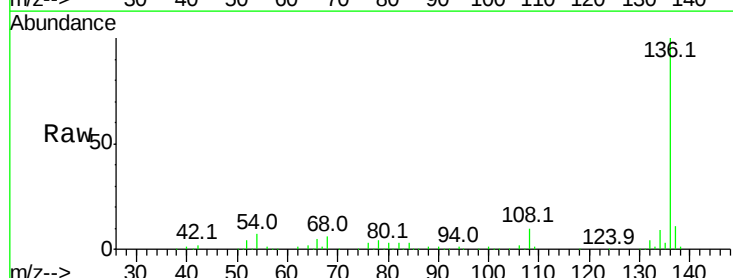
Delta R.T. -0.01 min

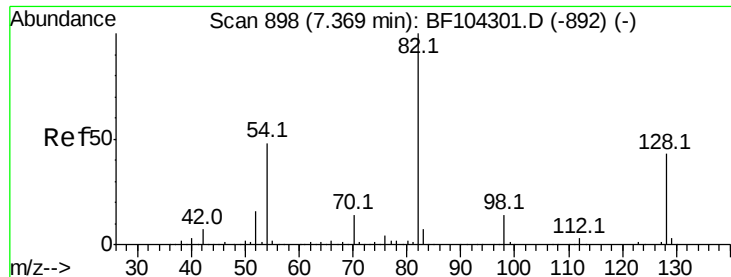
Lab File: BF104814.D

Acq: 26 Apr 2018 3:52

Tgt Ion: 136 Resp: 378016

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.6  | 8.9   | 13.3  |
| 54  | 6.6   | 6.6   | 9.8   |
| 68  | 5.5   | 5.0   | 7.4   |

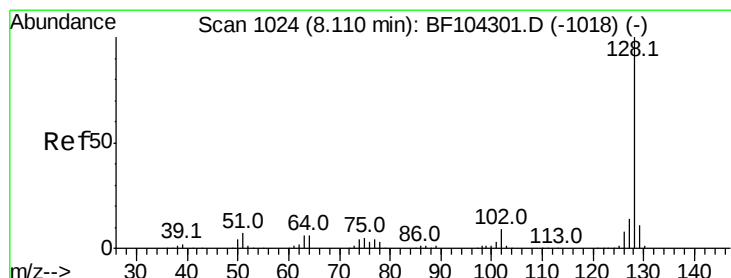
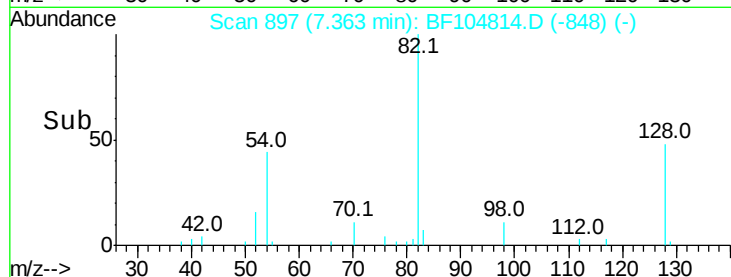
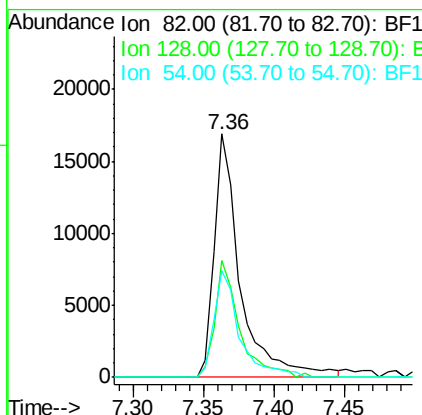
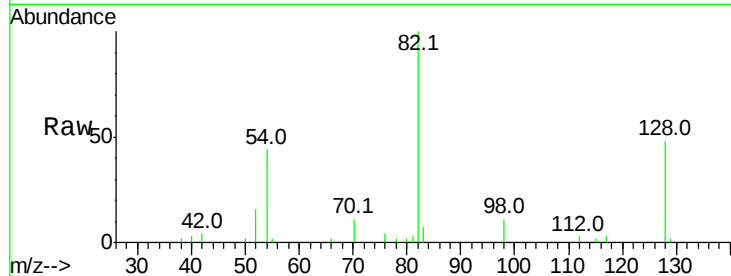




#23  
 Nitrobenzene-d5  
 Concen: 3.769 ng  
 RT: 7.36 min Scan# 897  
 Delta R.T. -0.01 min  
 Lab File: BF104814.D  
 Acq: 26 Apr 2018 3:52

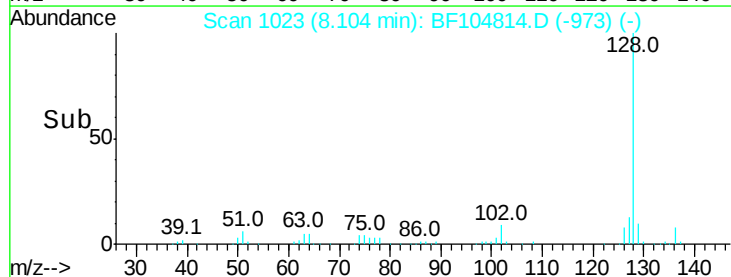
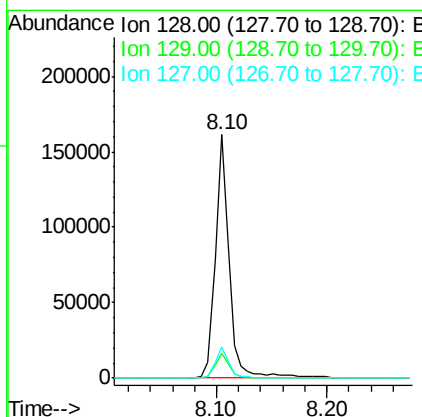
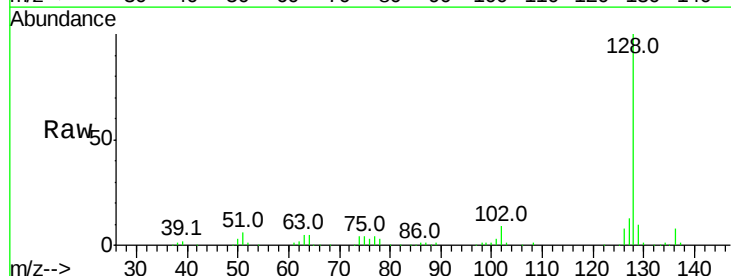
Instrument :  
 BNA\_F  
 ClientSampled :

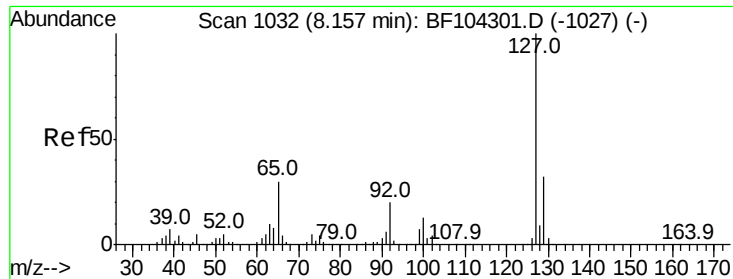
Tot Ion: 82 Resp: 21819  
 Ion Ratio Lower Upper  
 82 100  
 128 48.0 36.1 54.1  
 54 43.7 41.4 62.2



#31  
 Naphthalene  
 Concen: 7.446 ng  
 RT: 8.10 min Scan# 1023  
 Delta R.T. -0.01 min  
 Lab File: BF104814.D  
 Acq: 26 Apr 2018 3:52

Tgt Ion:128 Resp: 140154  
 Ion Ratio Lower Upper  
 128 100  
 129 10.4 8.8 13.2  
 127 12.5 10.9 16.3

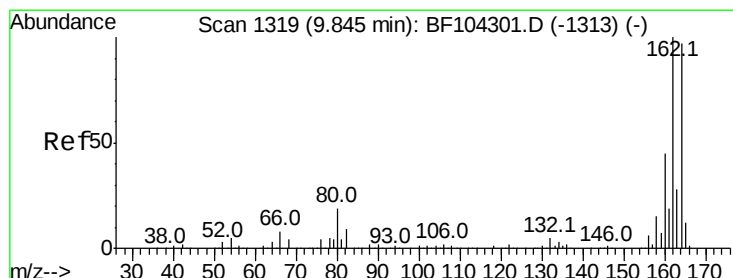
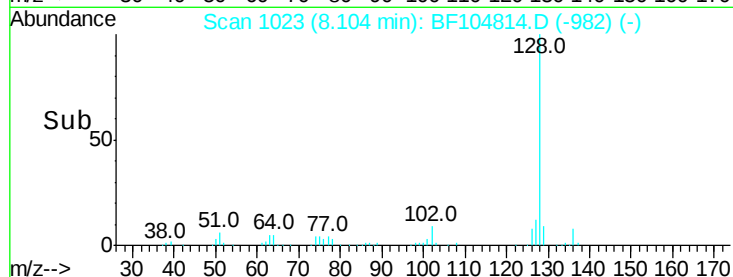
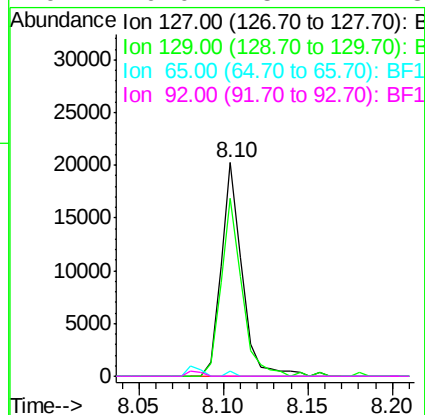
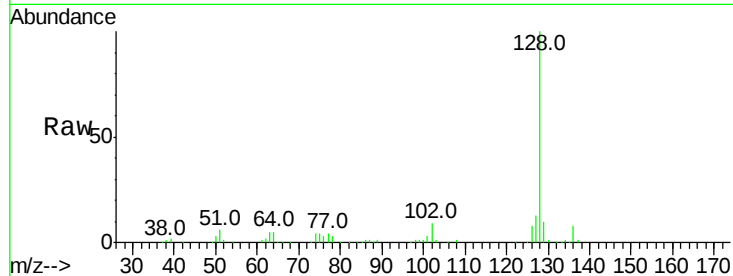




#33  
4-Chloroaniline  
Concen: 2.178 ng  
RT: 8.10 min Scan# 1023  
Delta R.T. -0.06 min  
Lab File: BF104814.D  
Acq: 26 Apr 2018 3:52

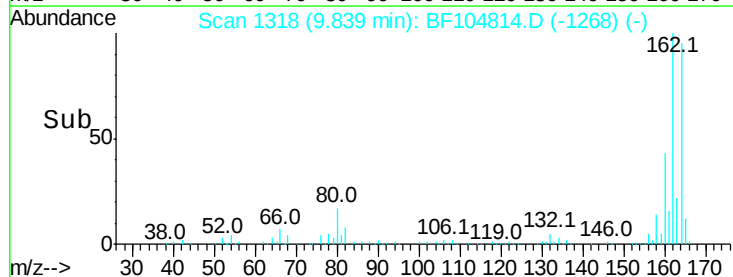
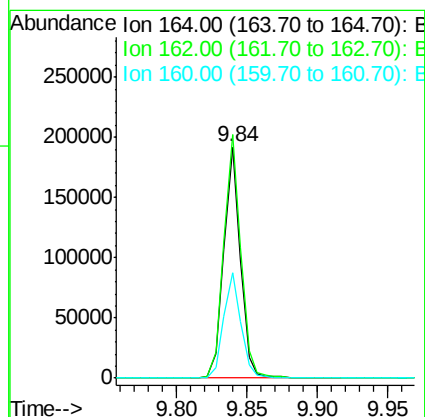
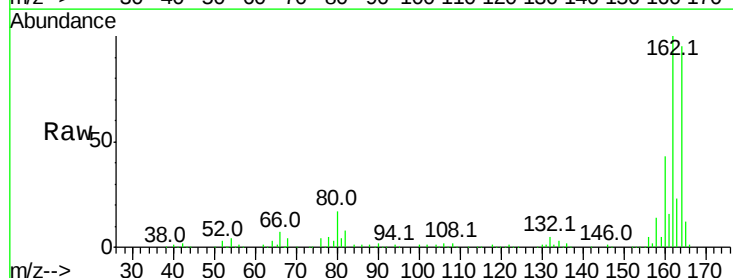
Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 83.1  | 25.9  | 38.9# |
| 65      | 2.4   | 25.0  | 37.4# |
| 92      | 0.0   | 15.2  | 22.8# |



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.84 min Scan# 1318  
Delta R.T. -0.01 min  
Lab File: BF104814.D  
Acq: 26 Apr 2018 3:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 105.4 | 86.1  | 129.1 |
| 160     | 45.4  | 38.3  | 57.5  |

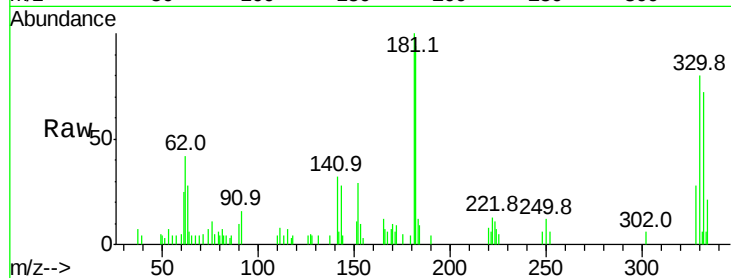




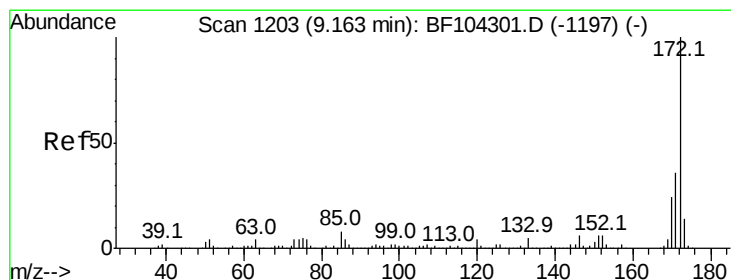
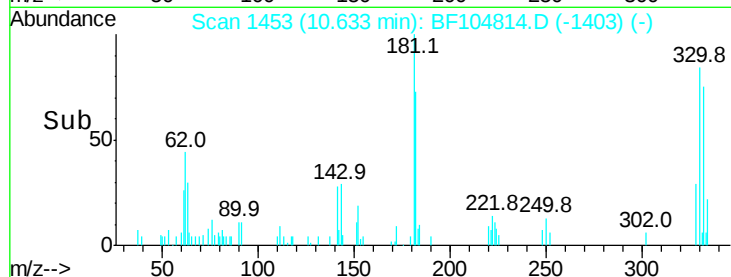
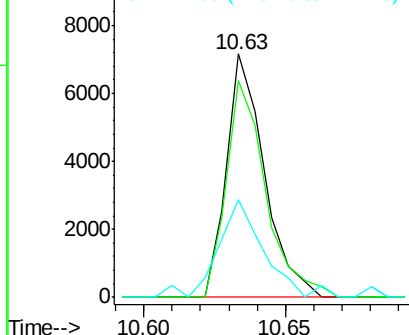
#41  
 2,4,6-Tribromophenol  
 Concen: 4.087 ng  
 RT: 10.63 min Scan# 1453  
 Delta R.T. -0.01 min  
 Lab File: BF104814.D  
 Acq: 26 Apr 2018 3:52

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:330 Resp: 6672  
 Ion Ratio Lower Upper  
 330 100  
 332 92.8 77.0 115.6  
 141 48.8 29.9 44.9#

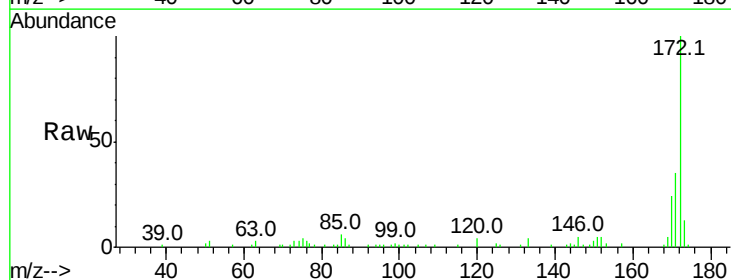


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

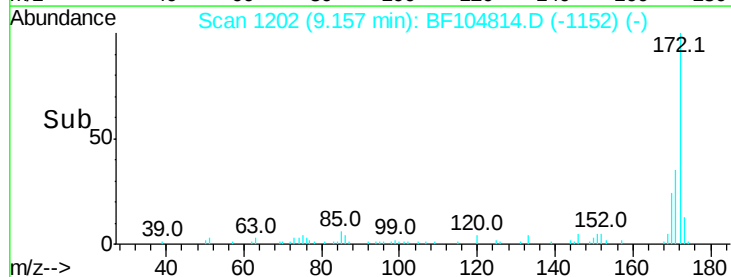
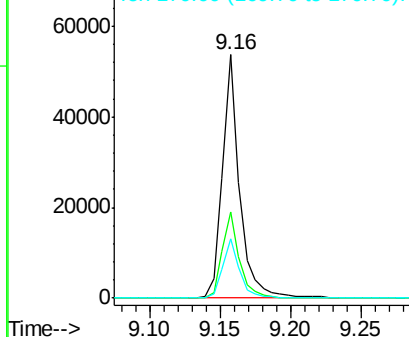


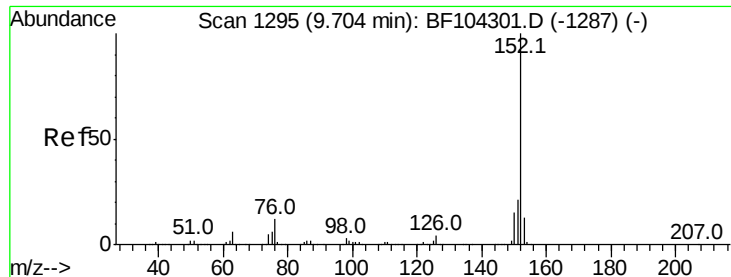
#44  
 2-Fluorobiphenyl  
 Concen: 4.566 ng  
 RT: 9.16 min Scan# 1202  
 Delta R.T. -0.01 min  
 Lab File: BF104814.D  
 Acq: 26 Apr 2018 3:52

Tgt Ion:172 Resp: 45485  
 Ion Ratio Lower Upper  
 172 100  
 171 35.5 29.7 44.5  
 170 24.1 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: 11.110 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF104814.D

Acq: 26 Apr 2018 3:52

Instrument :

BNA\_F

ClientSampleId :

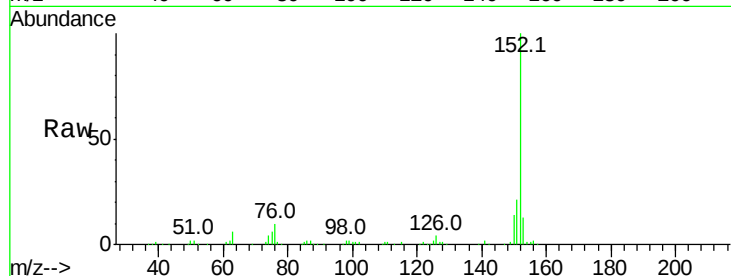
Tot Ion:152 Resp: 182043

Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

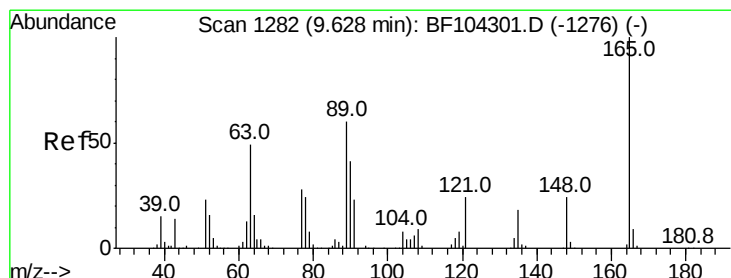
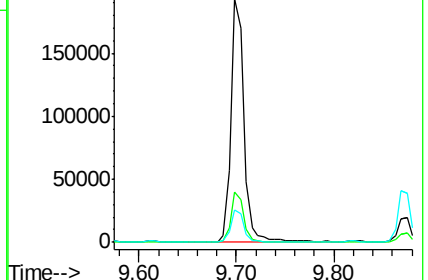
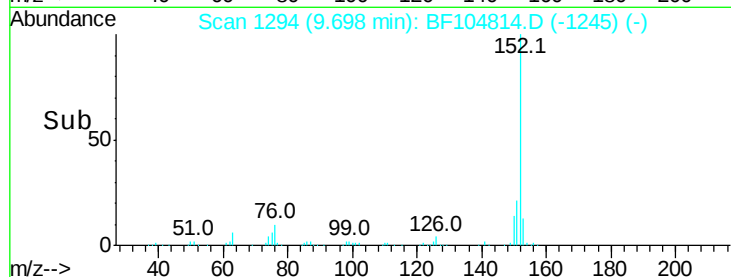
153 13.4 10.7 16.1



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



#50

2,6-Dinitrotoluene

Concen: 9.407 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.21 min

Lab File: BF104814.D

Acq: 26 Apr 2018 3:52

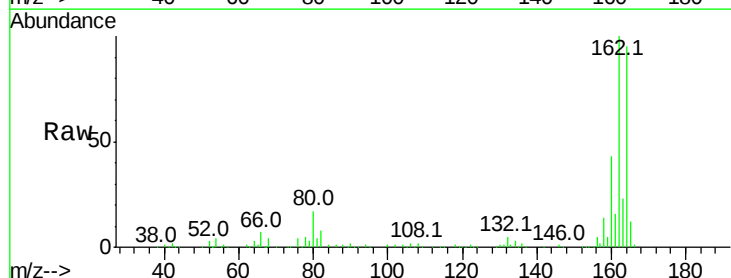
Tgt Ion:165 Resp: 21603

Ion Ratio Lower Upper

165 100

63 1.7 44.7 67.1#

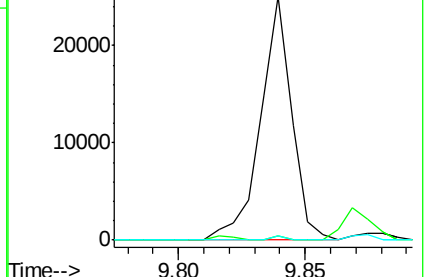
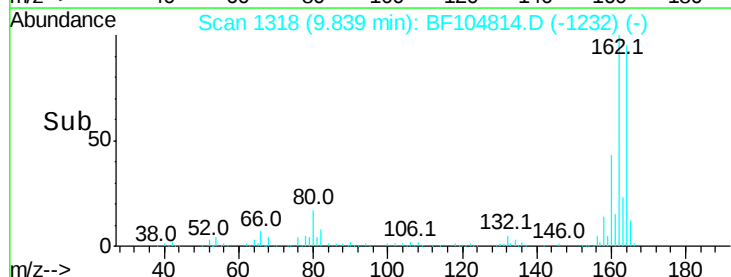
89 1.5 44.0 66.0#

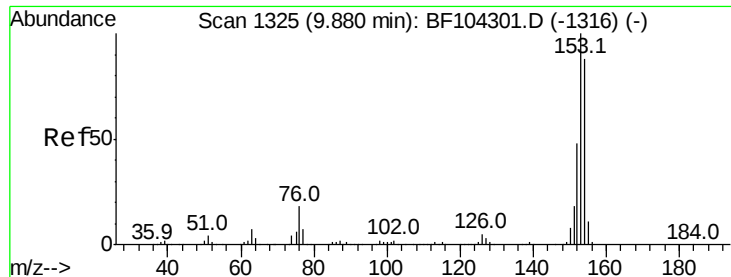


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 3.379 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF104814.D

Acq: 26 Apr 2018 3:52

Instrument :

BNA\_F

ClientSampleId :

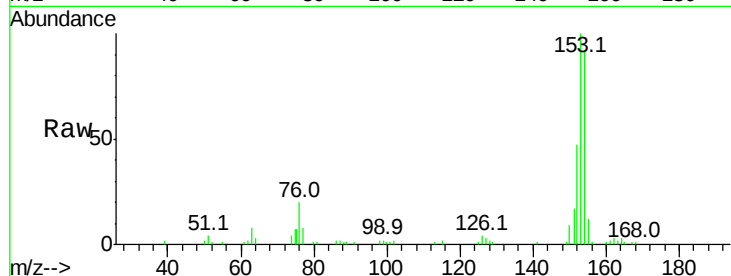
Tot Ion:154 Resp: 33780

Ion Ratio Lower Upper

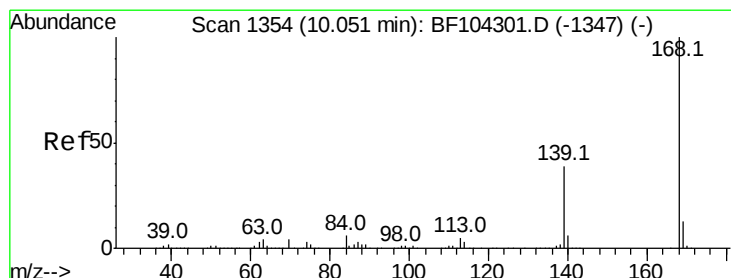
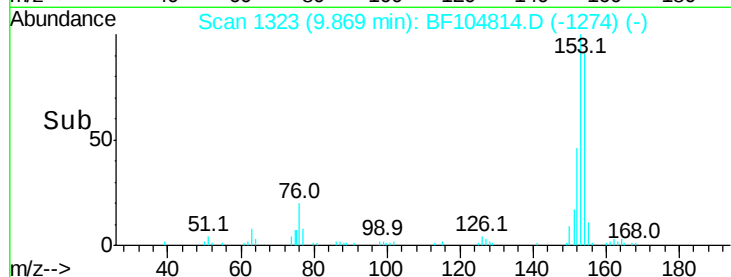
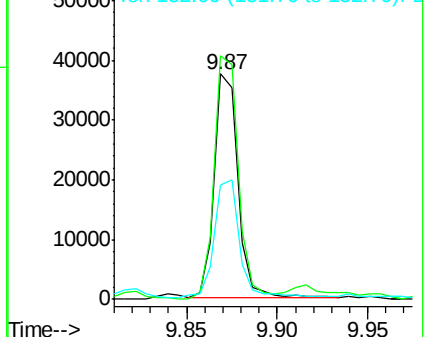
154 100

153 108.1 91.2 136.8

152 50.5 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 3.122 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF104814.D

Acq: 26 Apr 2018 3:52

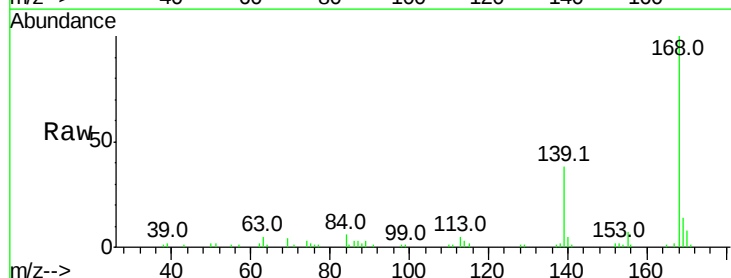
Tgt Ion:168 Resp: 43501

Ion Ratio Lower Upper

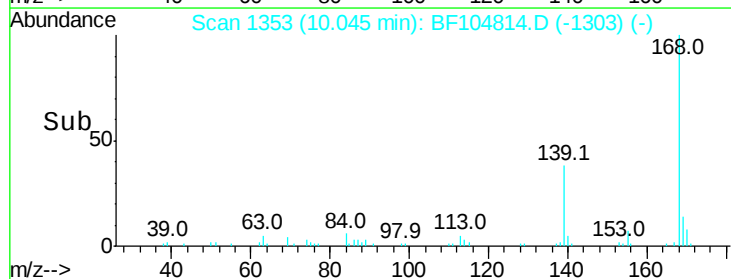
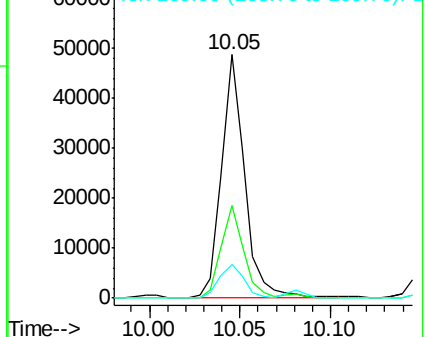
168 100

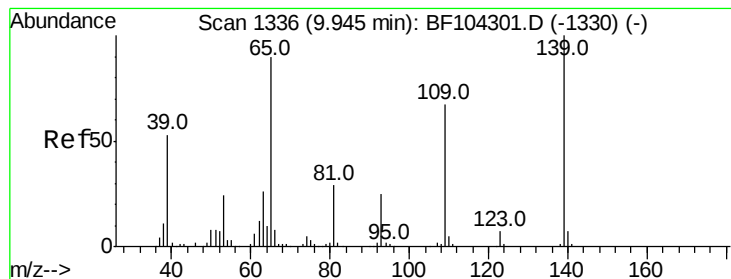
139 37.8 30.1 45.1

169 13.6 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 7.640 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.07 min

Lab File: BF104814.D

Acq: 26 Apr 2018 3:52

Instrument :

BNA\_F

ClientSampled :

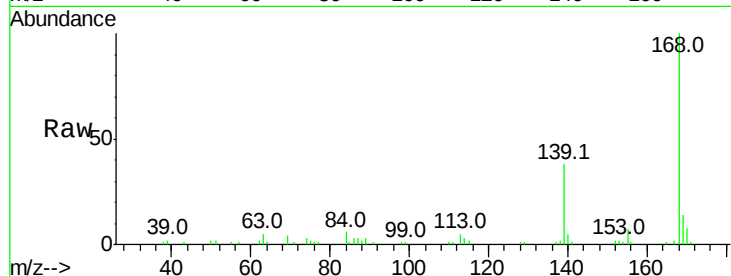
Tot Ion:139 Resp: 16136

Ion Ratio Lower Upper

139 100

109 0.0 48.4 88.4#

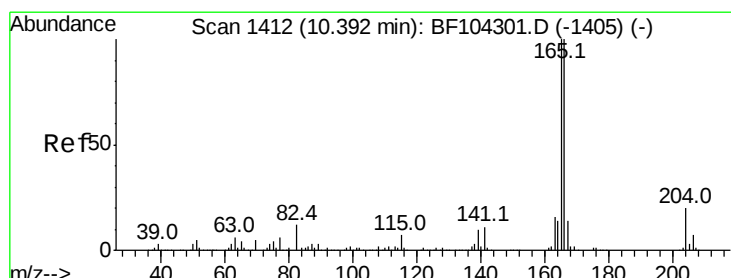
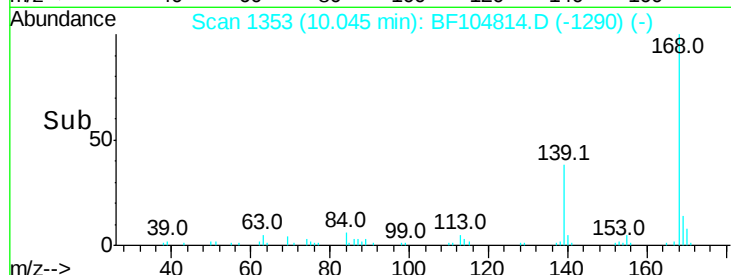
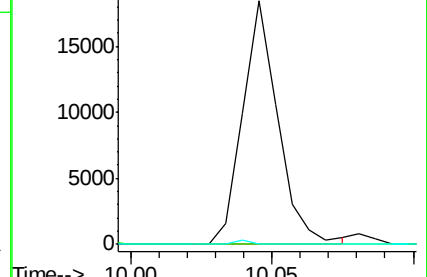
65 0.0 72.6 112.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#57

Fluorene

Concen: 7.287 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF104814.D

Acq: 26 Apr 2018 3:52

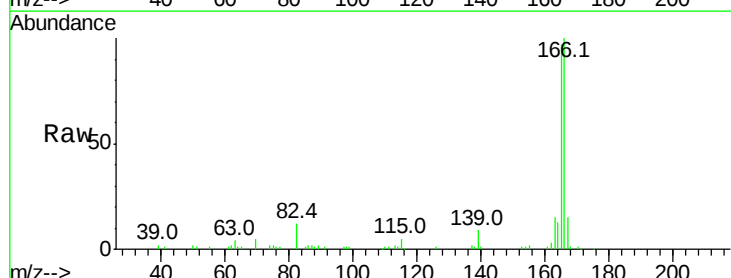
Tgt Ion:166 Resp: 73896

Ion Ratio Lower Upper

166 100

165 96.7 79.8 119.8

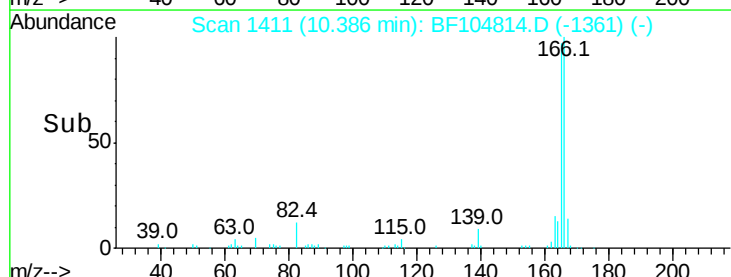
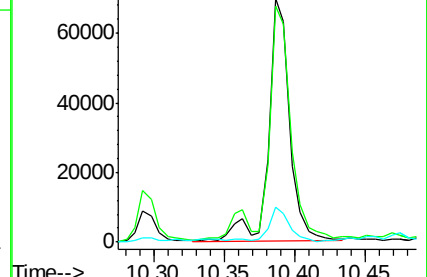
167 14.6 10.6 16.0

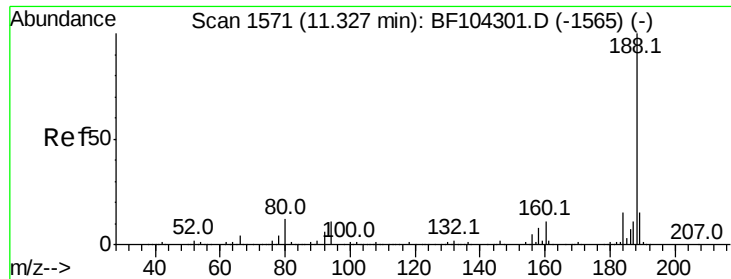


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

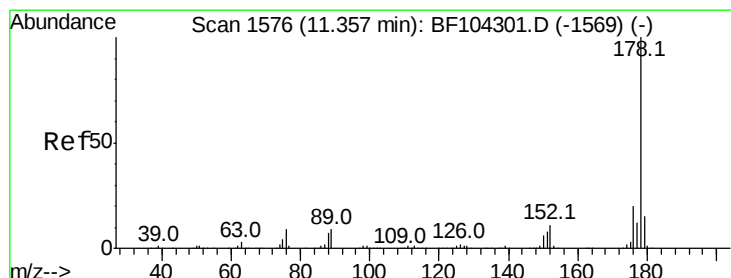
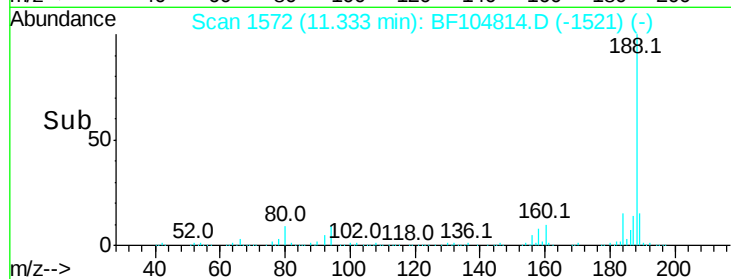
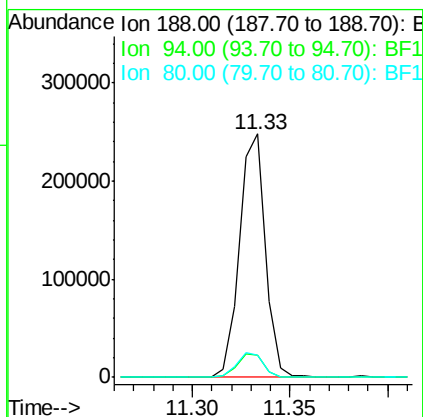
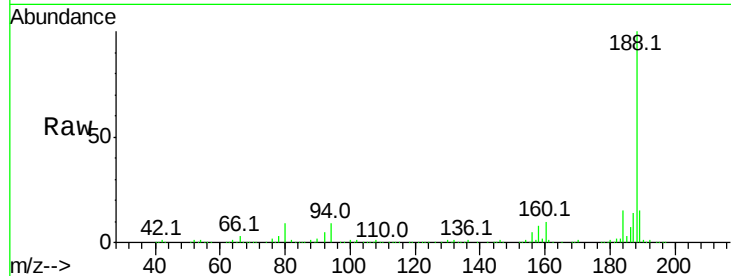




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.33 min Scan# 1572  
Delta R.T. 0.00 min  
Lab File: BF104814.D  
Acq: 26 Apr 2018 3:52

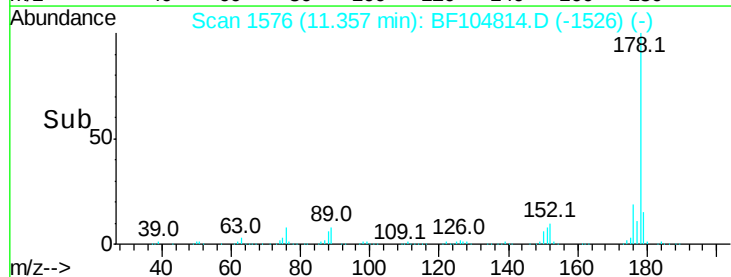
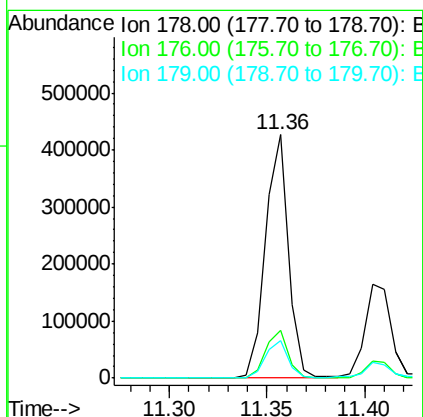
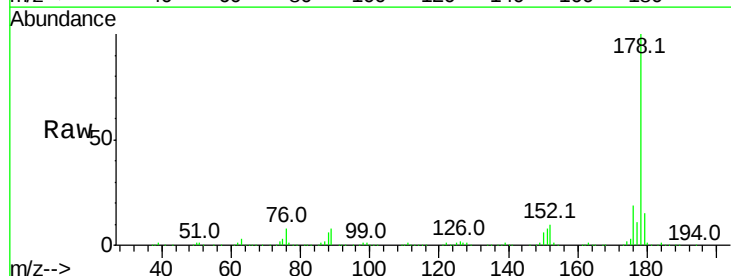
Instrument :  
BNA\_F  
ClientSampleId :

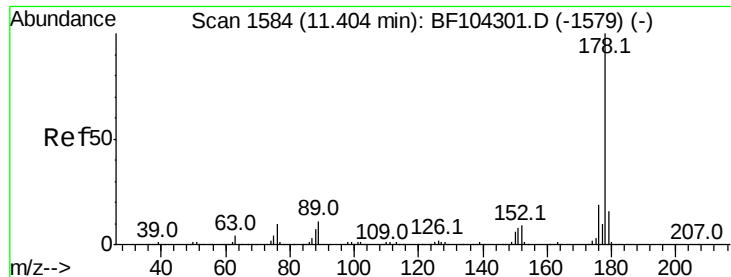
Tot Ion:188 Resp: 227998  
Ion Ratio Lower Upper  
188 100  
94 9.1 8.5 12.7  
80 9.2 9.2 13.8



#70  
Phenanthrene  
Concen: 27.379 ng  
RT: 11.36 min Scan# 1576  
Delta R.T. -0.01 min  
Lab File: BF104814.D  
Acq: 26 Apr 2018 3:52

Tgt Ion:178 Resp: 347630  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.8 23.8  
179 15.3 13.0 19.6

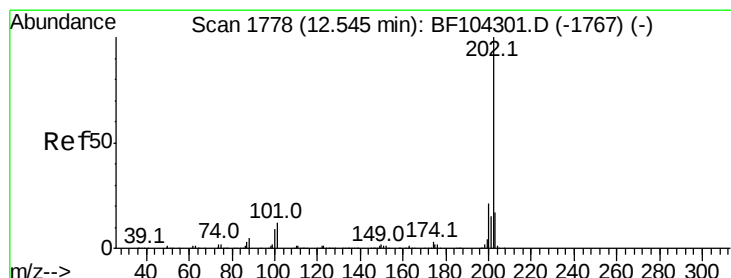
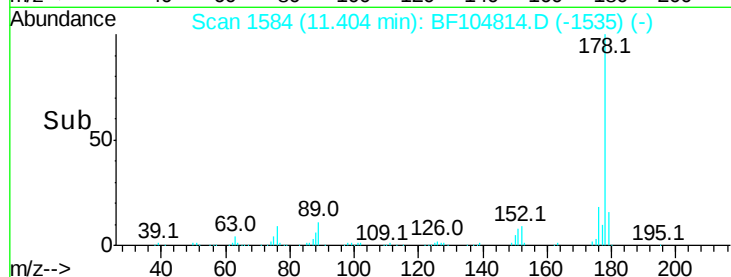
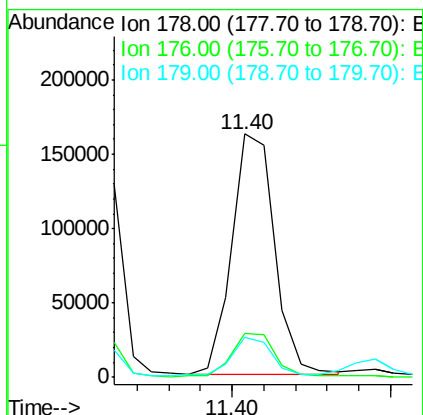
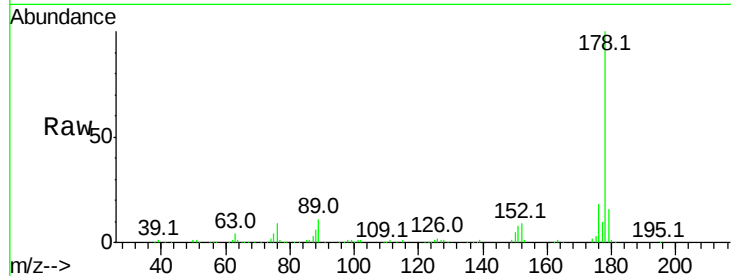




#71  
 Anthracene  
 Concen: 11.613 ng  
 RT: 11.40 min Scan# 1584  
 Delta R.T. -0.01 min  
 Lab File: BF104814.D  
 Acq: 26 Apr 2018 3:52

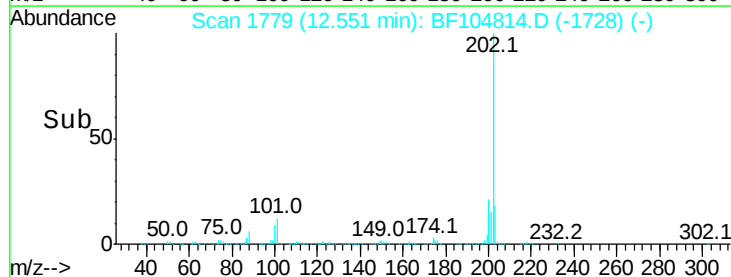
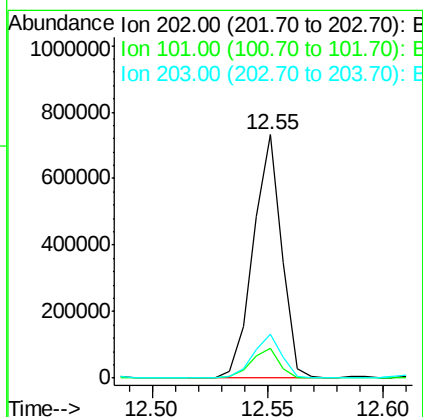
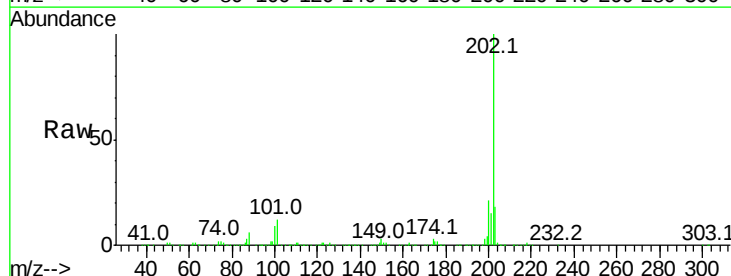
Instrument :  
 BNA\_F  
 ClientSampleId :

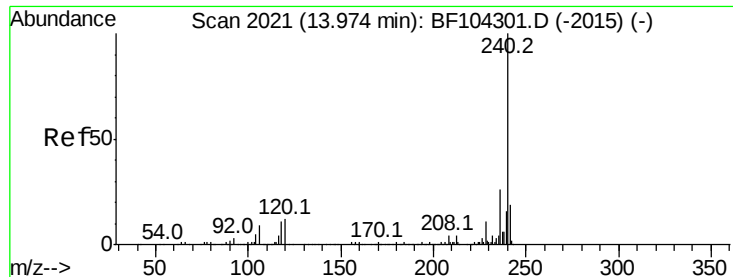
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.0  | 15.4  | 23.2  |
| 179     | 16.3  | 12.6  | 19.0  |



#74  
 Fluoranthene  
 Concen: 47.154 ng  
 RT: 12.55 min Scan# 1779  
 Delta R.T. 0.00 min  
 Lab File: BF104814.D  
 Acq: 26 Apr 2018 3:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 12.2  | 0.0   | 34.1  |
| 203     | 17.8  | 0.0   | 38.1  |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF104814.D

Acq: 26 Apr 2018 3:52

Instrument :

BNA\_F

ClientSampleId :

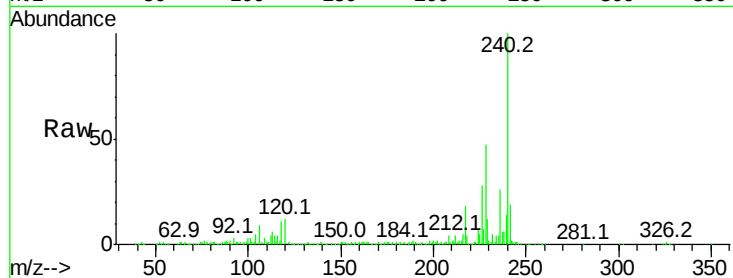
Tot Ion:240 Resp: 190019

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

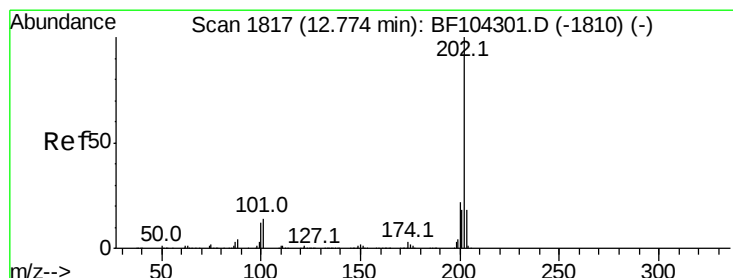
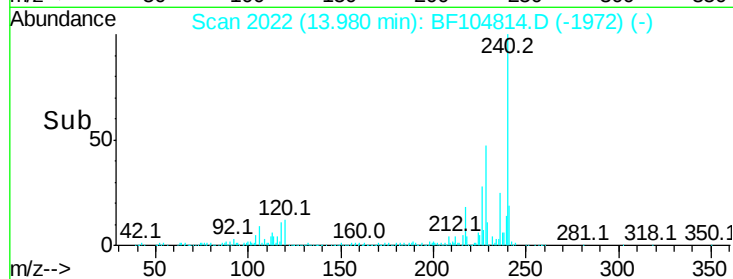
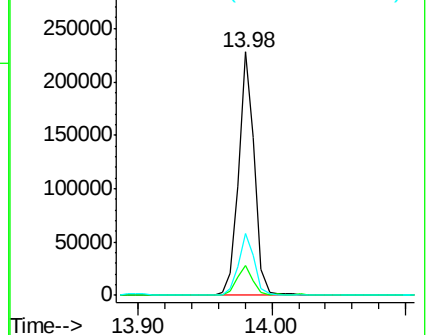
236 25.6 20.7 31.1



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: 42.183 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF104814.D

Acq: 26 Apr 2018 3:52

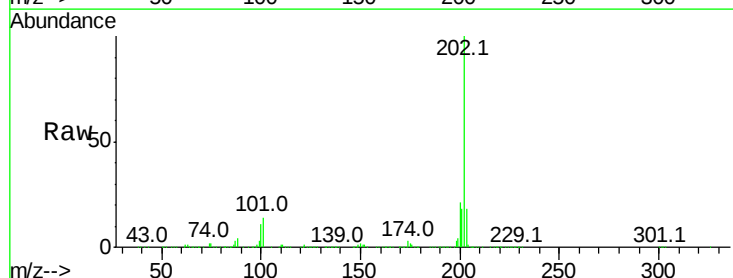
Tgt Ion:202 Resp: 594145

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

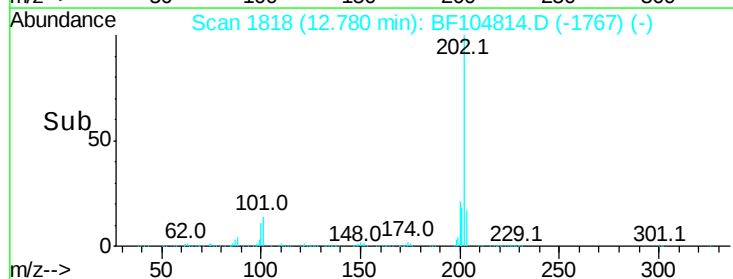
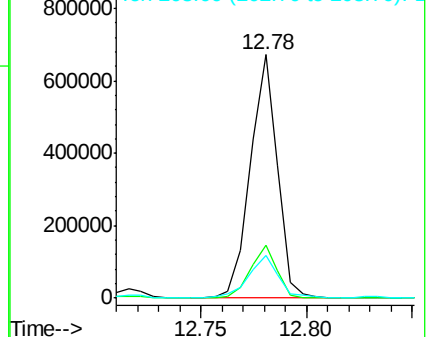
203 17.5 14.3 21.5

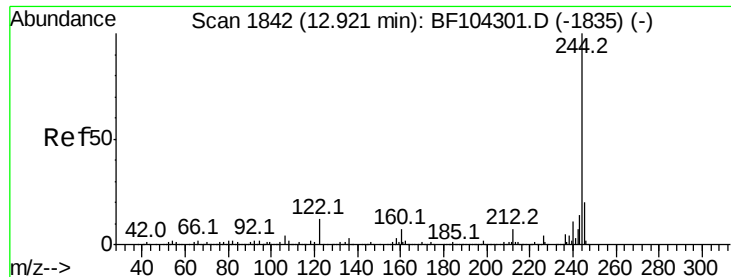


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 3.803 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF104814.D

Acq: 26 Apr 2018 3:52

Instrument :

BNA\_F

ClientSampled :

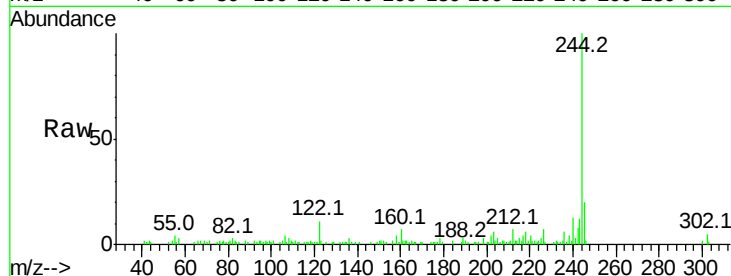
Tot Ion:244 Resp: 31700

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

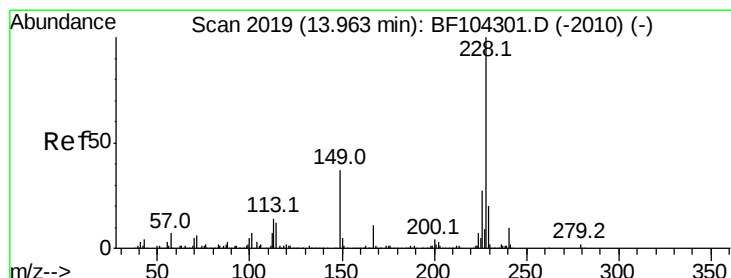
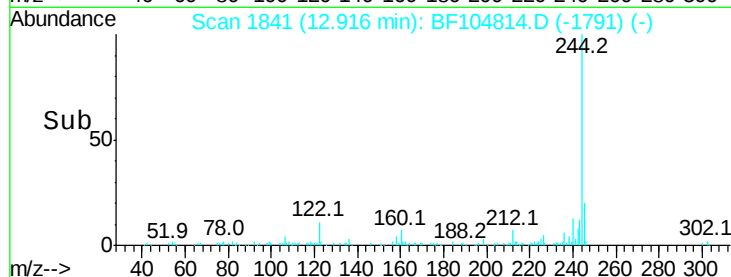
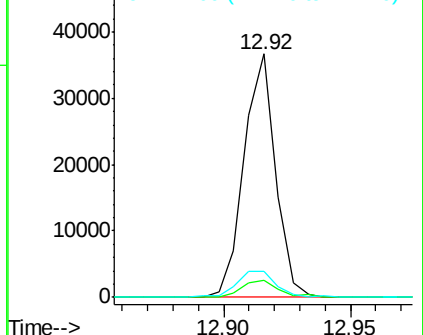
122 10.6 11.0 16.4#



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: 28.253 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.03 min

Lab File: BF104814.D

Acq: 26 Apr 2018 3:52

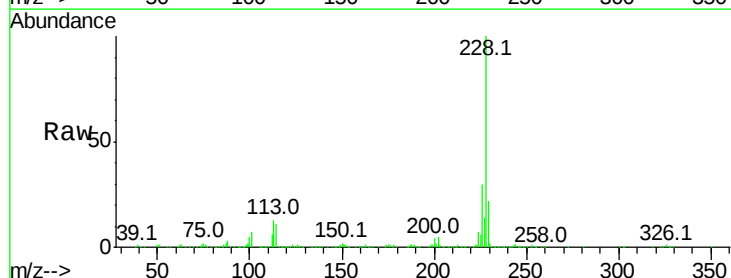
Tgt Ion:228 Resp: 320731

Ion Ratio Lower Upper

228 100

226 30.2 22.6 33.8

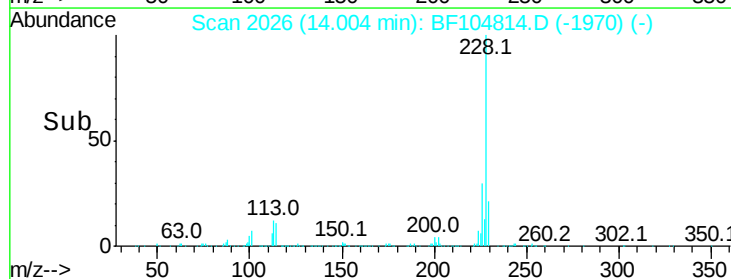
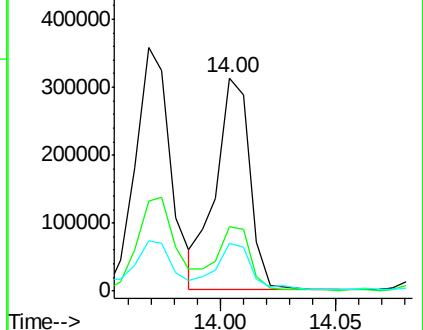
229 22.2 15.8 23.6

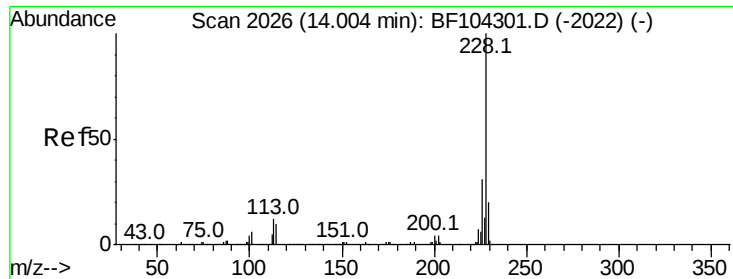


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 27.507 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF104814.D

Acq: 26 Apr 2018 3:52

Instrument :

BNA\_F

ClientSampleId :

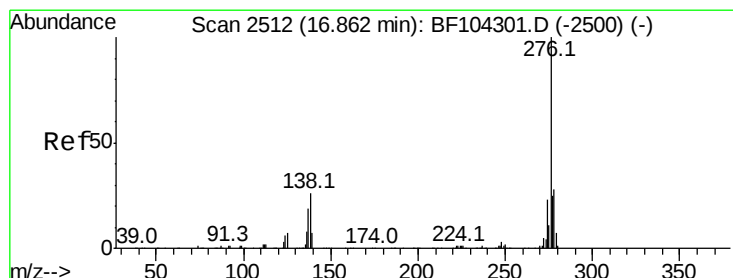
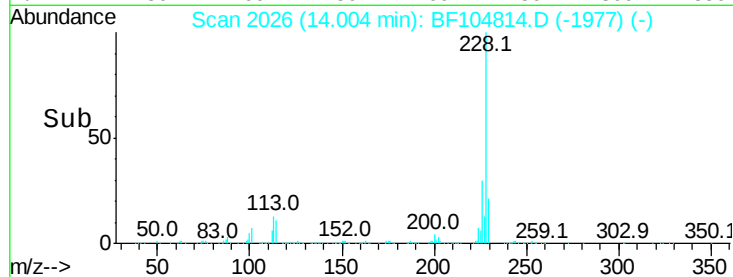
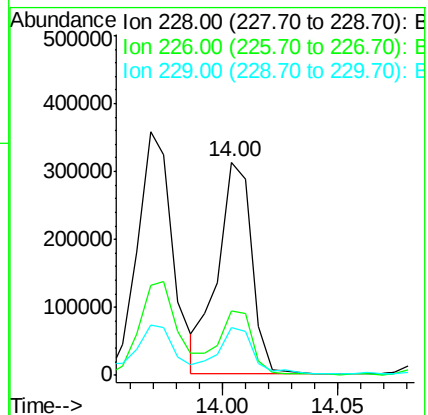
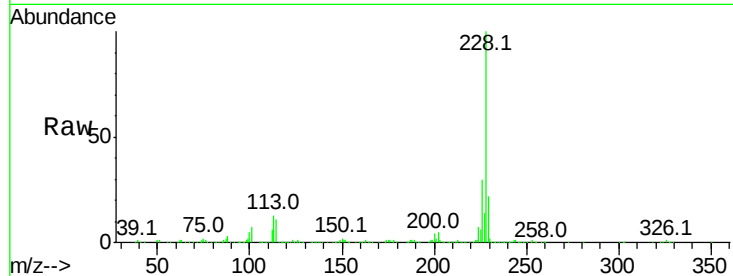
Tot Ion:228 Resp: 320731

Ion Ratio Lower Upper

228 100

226 30.2 25.0 37.6

229 22.2 16.2 24.4



#85

Indeno(1,2,3-cd)pyrene

Concen: 14.012 ng

RT: 16.90 min Scan# 2519

Delta R.T. -0.03 min

Lab File: BF104814.D

Acq: 26 Apr 2018 3:52

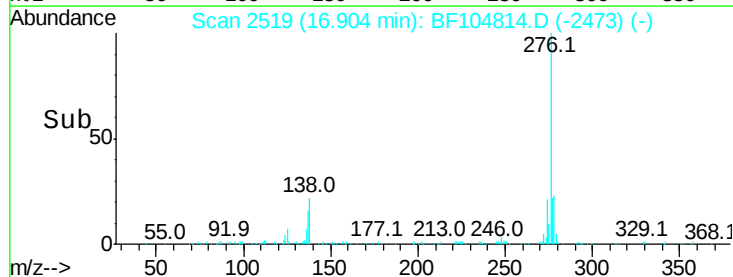
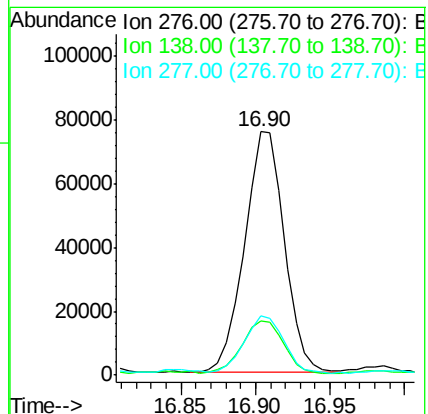
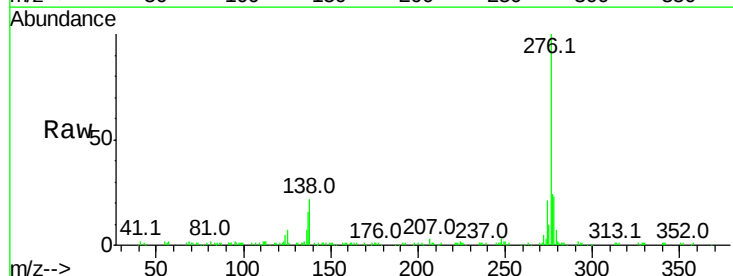
Tgt Ion:276 Resp: 138789

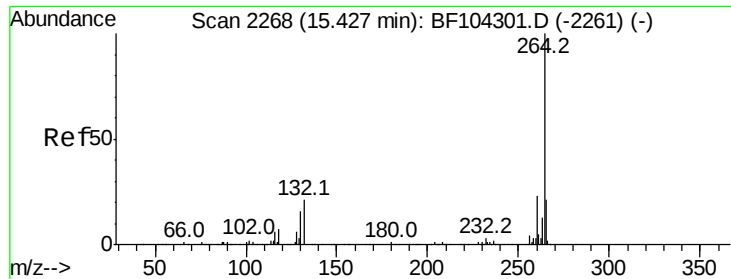
Ion Ratio Lower Upper

276 100

138 22.6 25.0 37.6#

277 23.8 20.1 30.1

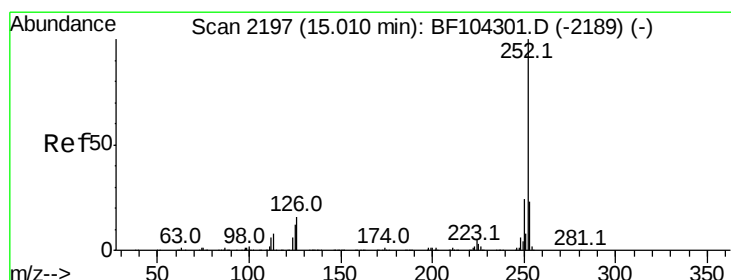
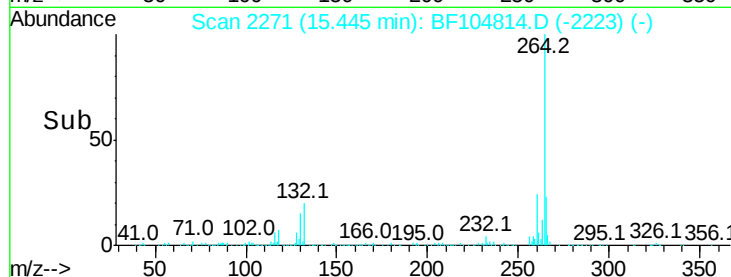
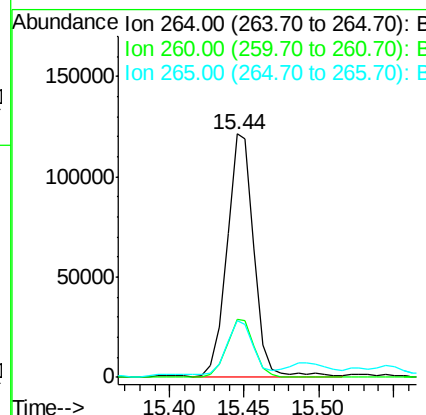
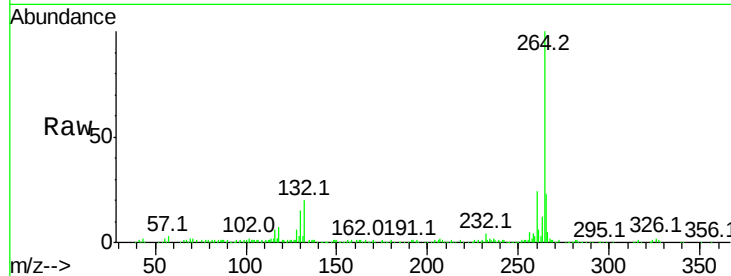




#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.44 min Scan# 2271  
Delta R.T. -0.02 min  
Lab File: BF104814.D  
Acq: 26 Apr 2018 3:52

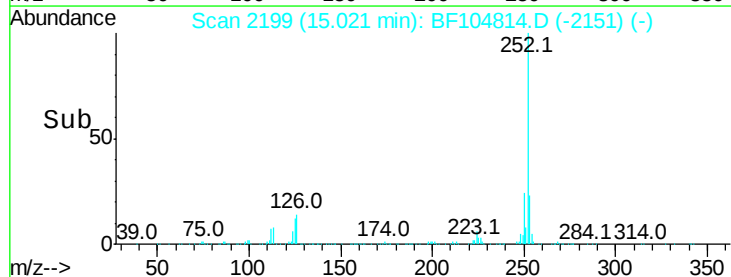
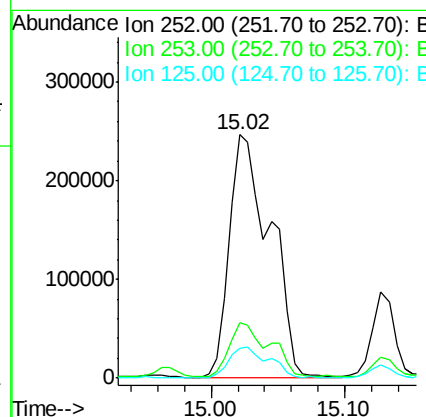
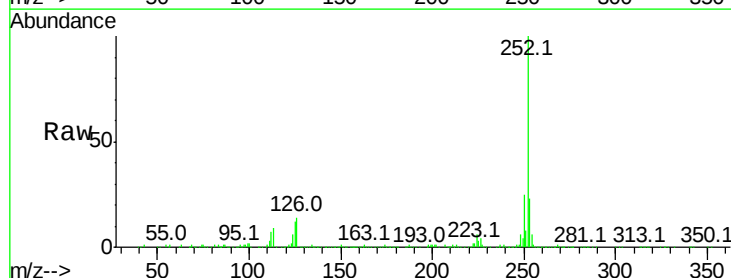
Instrument :  
BNA\_F  
ClientSampleId :

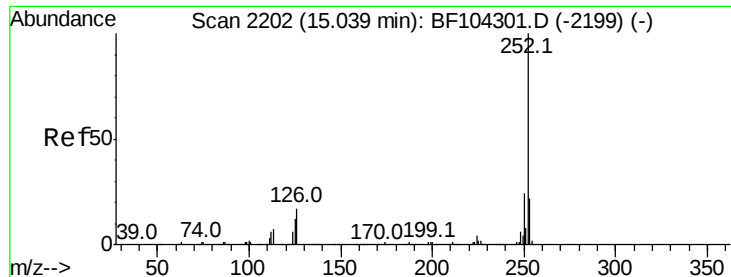
Tot Ion:264 Resp: 153581  
Ion Ratio Lower Upper  
264 100  
260 23.9 19.2 28.8  
265 23.5 17.5 26.3



#87  
Benzo(b)fluoranthene  
Concen: 54.248 ng  
RT: 15.02 min Scan# 2199  
Delta R.T. -0.02 min  
Lab File: BF104814.D  
Acq: 26 Apr 2018 3:52

Tgt Ion:252 Resp: 526202  
Ion Ratio Lower Upper  
252 100  
253 22.9 17.0 25.6  
125 12.2 9.0 13.6

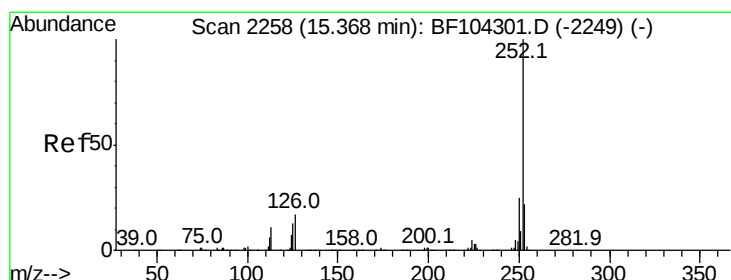
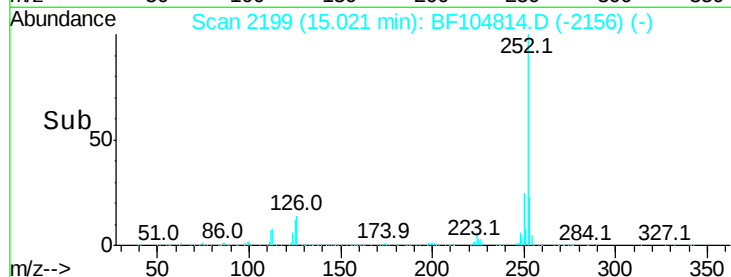
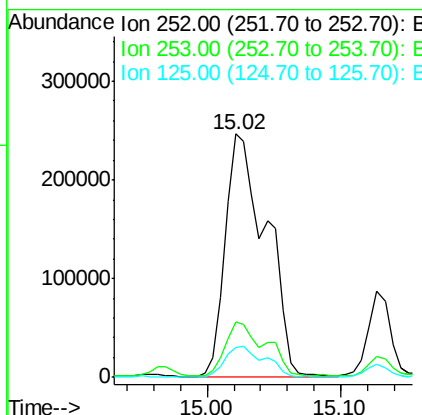
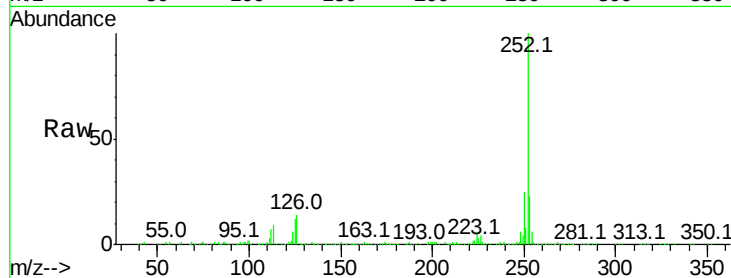




#88  
Benzo(k)fluoranthene  
Concen: 57.461 ng  
RT: 15.02 min Scan# 2199  
Delta R.T. -0.05 min  
Lab File: BF104814.D  
Acq: 26 Apr 2018 3:52

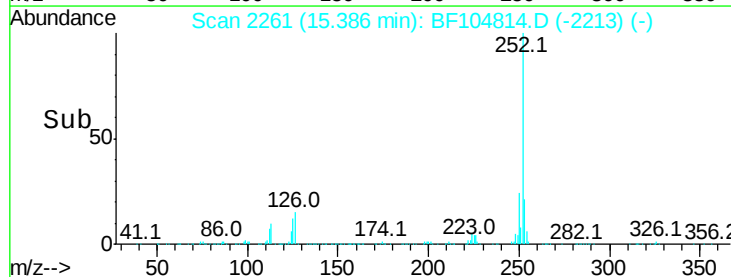
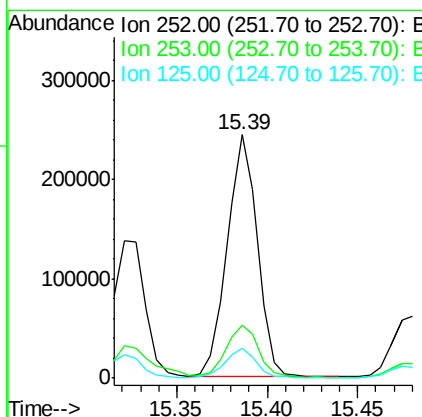
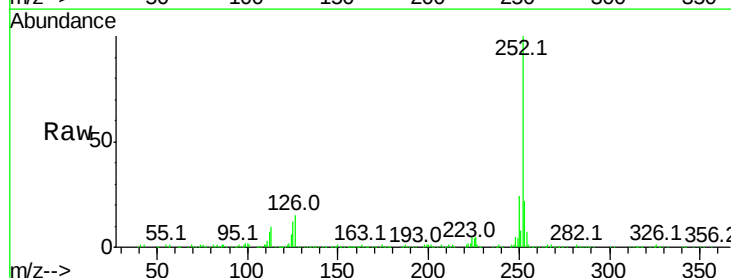
Instrument :  
BNA\_F  
ClientSampleId :

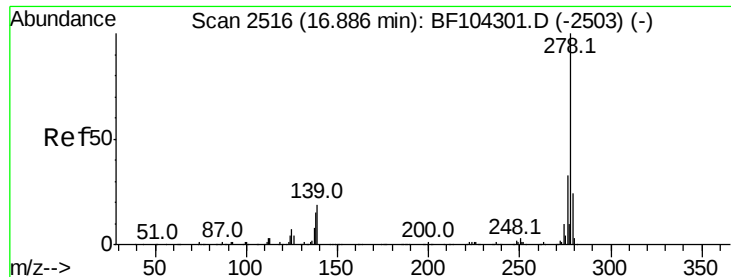
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.9  | 17.9  | 26.9  |
| 125     | 12.2  | 10.2  | 15.2  |



#89  
Benzo(a)pyrene  
Concen: 32.619 ng  
RT: 15.39 min Scan# 2261  
Delta R.T. -0.02 min  
Lab File: BF104814.D  
Acq: 26 Apr 2018 3:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.7  | 17.1  | 25.7  |
| 125     | 12.4  | 9.8   | 14.6  |





#90

Dibenzo(a,h)anthracene

Concen: 4.800 ng

RT: 17.08 min Scan# 2549

Delta R.T. 0.13 min

Lab File: BF104814.D

Acq: 26 Apr 2018 3:52

Instrument :

BNA\_F

ClientSampled :

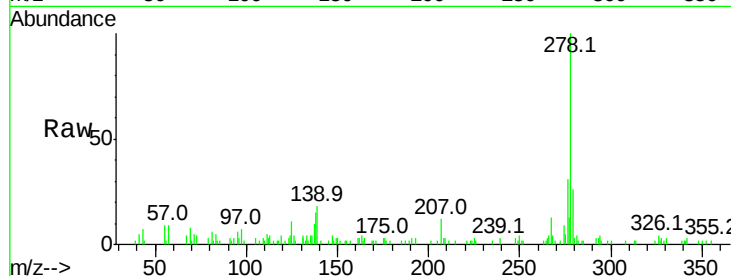
Tot Ion:278 Resp: 34216

Ion Ratio Lower Upper

278 100

139 17.7 15.9 23.9

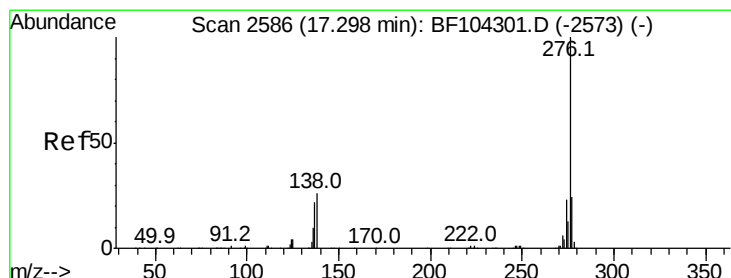
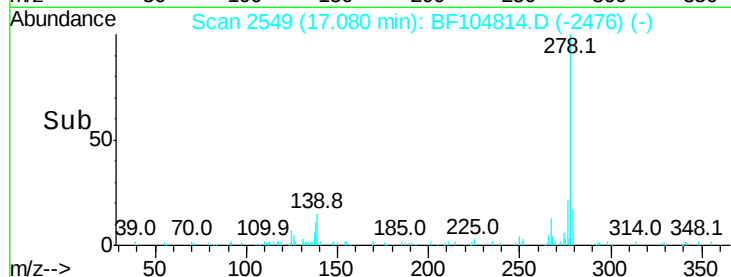
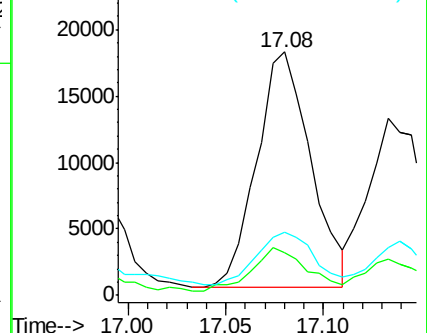
279 25.7 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 18.321 ng

RT: 17.35 min Scan# 2595

Delta R.T. -0.03 min

Lab File: BF104814.D

Acq: 26 Apr 2018 3:52

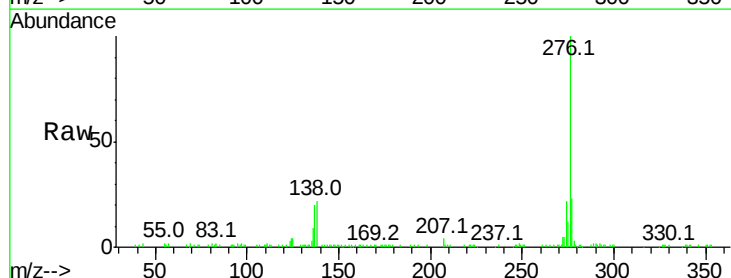
Tgt Ion:276 Resp: 126522

Ion Ratio Lower Upper

276 100

277 23.3 17.9 26.9

138 22.1 21.8 32.8



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

