

Data File : BF100746.D  
Acq On : 20 Nov 2017 22:34  
Operator : SJ/JU  
Sample : I6304-16 5X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CL-01-111617-C

Quant Time: Nov 21 03:31:50 2017  
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF110817.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 17 15:22:08 2017  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.87  | 152  | 100579   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 8.15  | 136  | 384833   | 20.00 | ng    | -0.02    |
| 38) Acenaphthene-d10      | 9.91  | 164  | 171509   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 11.39 | 188  | 279715   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 14.03 | 240  | 204240   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 15.51 | 264  | 230033   | 20.00 | ng    | 0.00     |

|                             |       |     |        |       |    |       |
|-----------------------------|-------|-----|--------|-------|----|-------|
| System Monitoring Compounds |       |     |        |       |    |       |
| 5) 2-Fluorophenol           | 5.47  | 112 | 136704 | 21.79 | ng | -0.02 |
| 7) Phenol-d6                | 6.49  | 99  | 166995 | 21.58 | ng | -0.02 |
| 23) Nitrobenzene-d5         | 7.43  | 82  | 99549  | 17.10 | ng | -0.02 |
| 41) 2,4,6-Tribromophenol    | 10.69 | 330 | 37990  | 21.74 | ng | -0.02 |
| 44) 2-Fluorobiphenyl        | 9.22  | 172 | 218316 | 19.38 | ng | -0.02 |
| 78) Terphenyl-d14           | 12.97 | 244 | 145650 | 16.39 | ng | -0.01 |

|                                |       |     |        |       |    |        |
|--------------------------------|-------|-----|--------|-------|----|--------|
| Target Compounds               |       |     |        |       |    | Qvalue |
| 19) n-Nitroso-di-n-propylamine | 7.43  | 70  | 11958  | 2.23  | ng | # 83   |
| 25) Isophorone                 | 7.43  | 82  | 99570  | 8.14  | ng | # 64   |
| 47) 2-Nitroaniline             | 9.22  | 65  | 169    | 2.83  | ng | # 1    |
| 50) 2,6-Dinitrotoluene         | 9.91  | 165 | 21998  | 8.49  | ng | # 25   |
| 55) 4-Nitrophenol              | 10.11 | 139 | 9251   | 3.72  | ng | # 9    |
| 56) 2,4-Dinitrotoluene         | 9.91  | 165 | 21998  | 6.73  | ng | # 23   |
| 57) Fluorene                   | 10.45 | 166 | 38273  | 3.44  | ng | 98     |
| 70) Phenanthrene               | 11.42 | 178 | 264934 | 17.99 | ng | 99     |
| 71) Anthracene                 | 11.47 | 178 | 81814  | 5.48  | ng | 97     |
| 74) Fluoranthene               | 12.60 | 202 | 360544 | 23.10 | ng | 98     |
| 77) Pyrene                     | 12.83 | 202 | 302847 | 20.80 | ng | 99     |
| 80) Benzo(a)anthracene         | 14.02 | 228 | 167100 | 13.59 | ng | 97     |
| 82) Chrysene                   | 14.06 | 228 | 136004 | 11.42 | ng | 97     |
| 85) Indeno(1,2,3-cd)pyrene     | 16.98 | 276 | 75585  | 7.85  | ng | # 89   |
| 87) Benzo(b)fluoranthene       | 15.07 | 252 | 267518 | 19.63 | ng | 99     |
| 88) Benzo(k)fluoranthene       | 15.07 | 252 | 267518 | 20.78 | ng | 97     |
| 89) Benzo(a)pyrene             | 15.44 | 252 | 142529 | 11.80 | ng | 99     |
| 91) Benzo(g,h,i)perylene       | 17.43 | 276 | 67736  | 7.00  | ng | # 94   |

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

Data File : BF100746.D

Acq On : 20 Nov 2017 22:34

Operator : SJ/JU

Sample : I6304-16 5X

Misc :

ALS Vial : 14 Sample Multiplier: 1

Instrument :

BNA\_F

ClientSampleId :

CL-01-111617-C

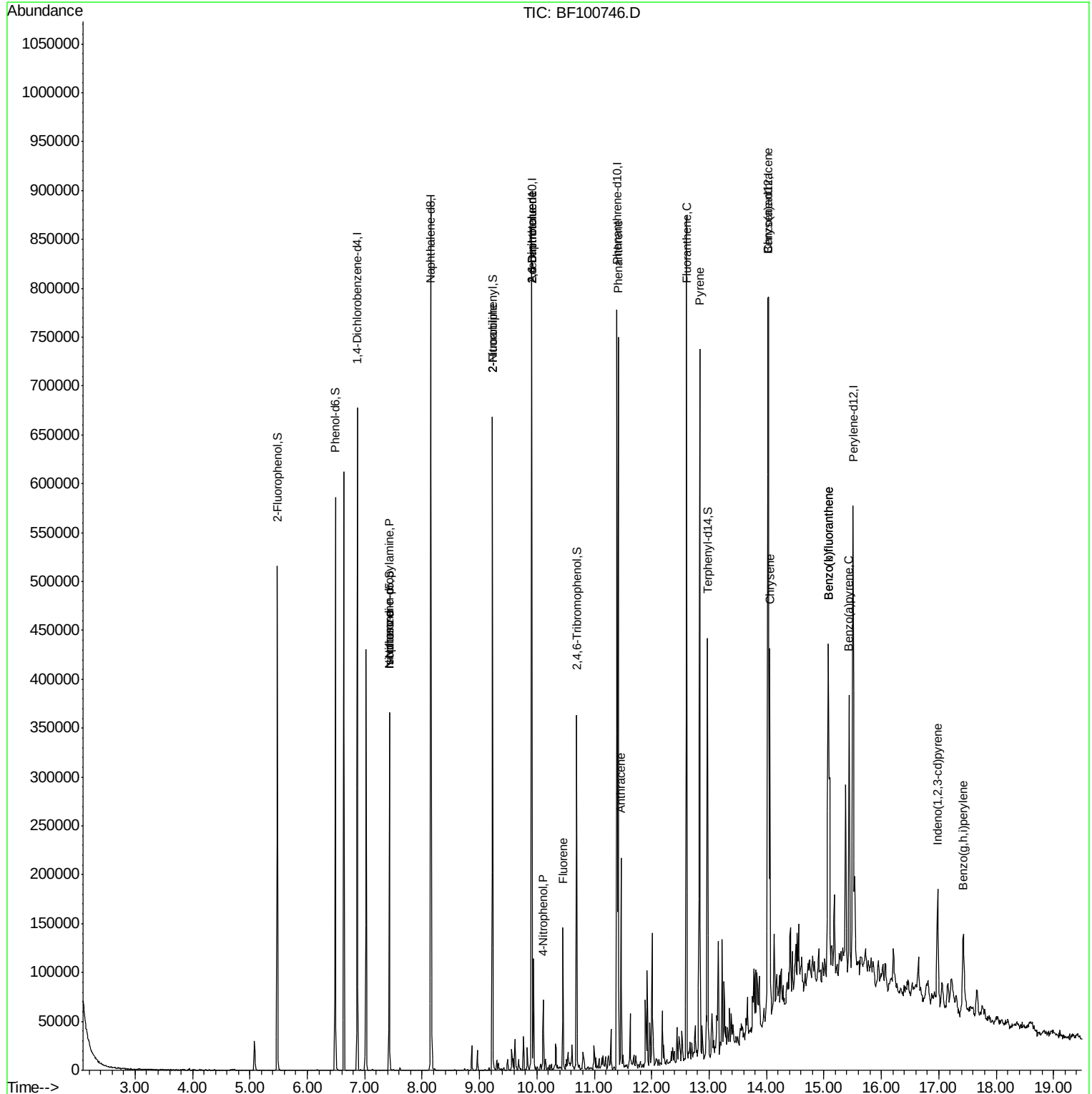
Quant Time: Nov 21 03:31:50 2017

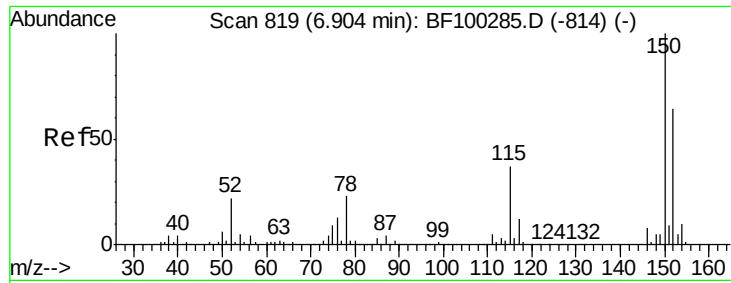
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF110817.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Nov 17 15:22:08 2017

Response via : Initial Calibration



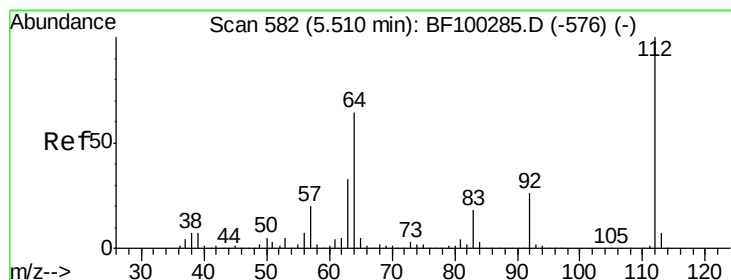
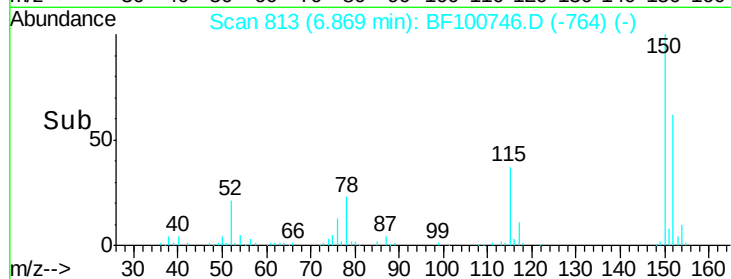
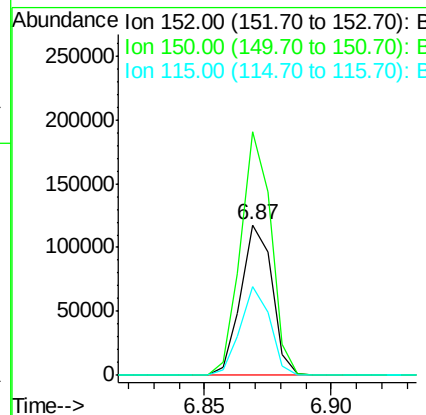
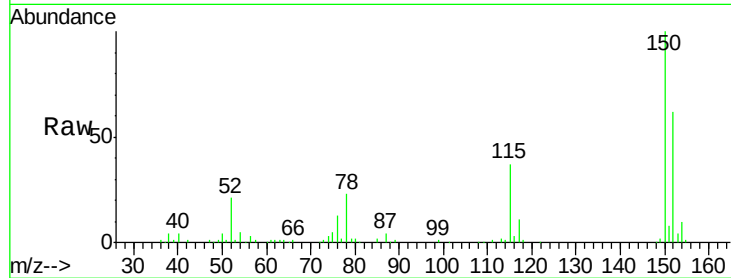


#1

1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.87 min Scan# 813  
 Delta R.T. -0.01 min  
 Lab File: BF100746.D  
 Acq: 20 Nov 2017 22:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CL-01-111617-C

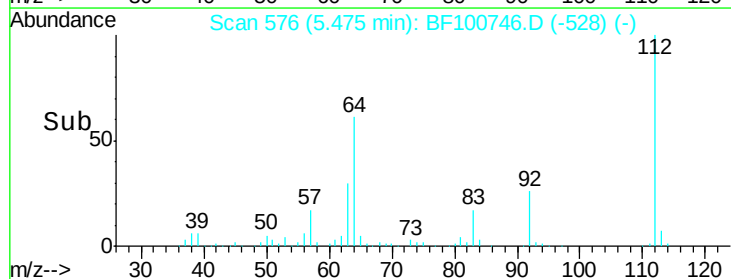
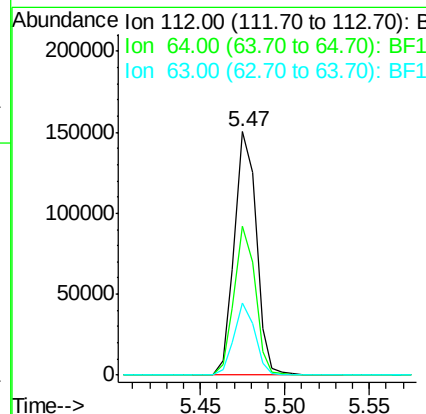
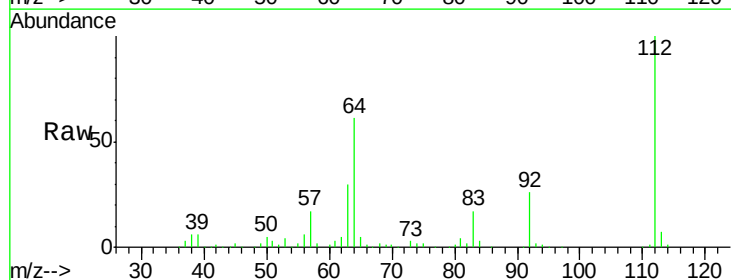
Tgt Ion:152 Resp: 100579  
 Ion Ratio Lower Upper  
 152 100  
 150 162.1 124.6 186.8  
 115 59.2 50.1 75.1

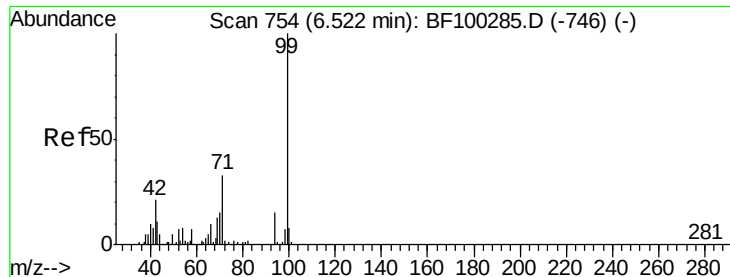


#5

2-Fluorophenol  
 Concen: 21.79 ng  
 RT: 5.47 min Scan# 576  
 Delta R.T. -0.02 min  
 Lab File: BF100746.D  
 Acq: 20 Nov 2017 22:34

Tgt Ion:112 Resp: 136704  
 Ion Ratio Lower Upper  
 112 100  
 64 61.4 47.9 71.9  
 63 29.6 23.7 35.5





#7

Phenol-d6

Concen: 21.58 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF100746.D

Acq: 20 Nov 2017 22:34

Instrument :

BNA\_F

ClientSampleId :

CL-01-111617-C

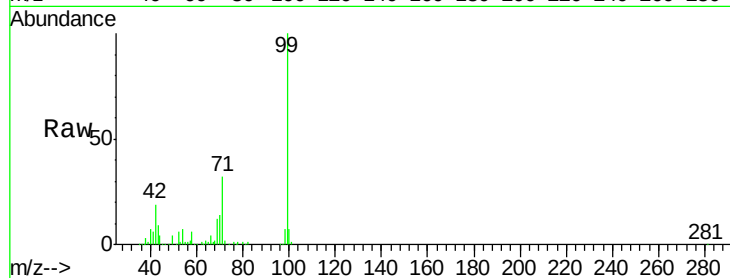
Tgt Ion: 99 Resp: 166995

Ion Ratio Lower Upper

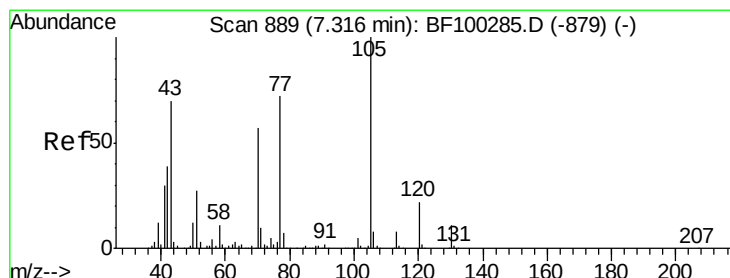
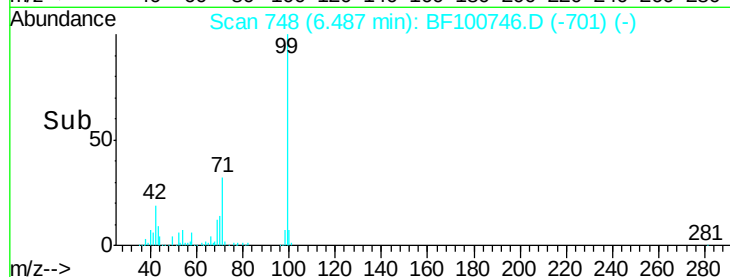
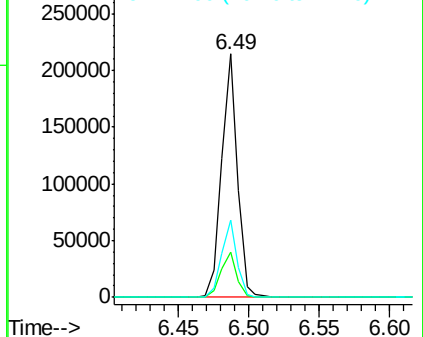
99 100

42 18.8 14.5 21.7

71 31.8 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: 2.23 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.13 min

Lab File: BF100746.D

Acq: 20 Nov 2017 22:34

Tgt Ion: 70 Resp: 11958

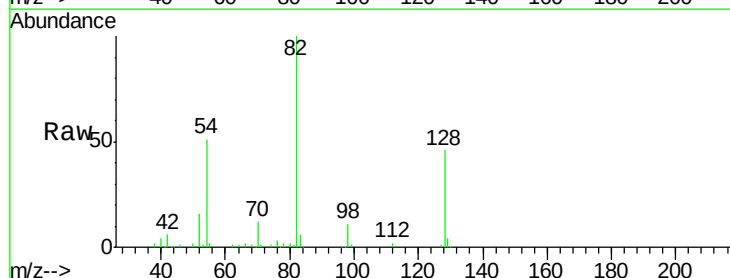
Ion Ratio Lower Upper

70 100

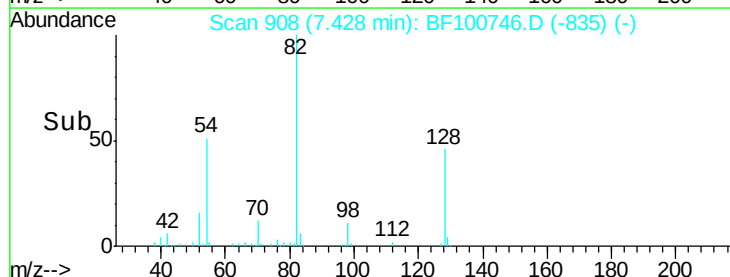
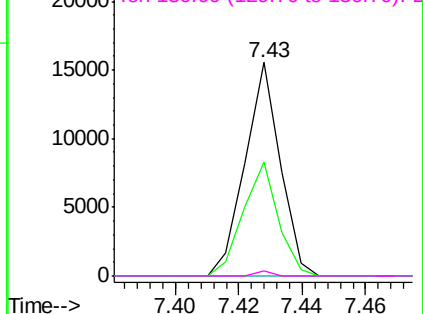
42 53.2 47.5 71.3

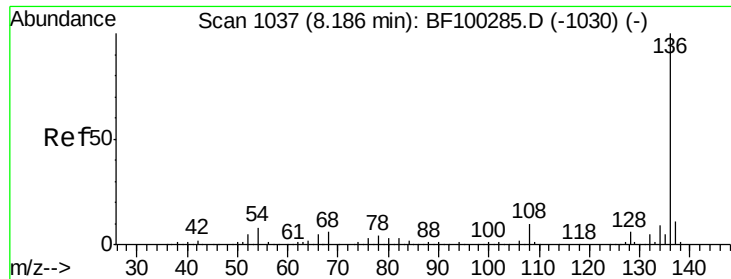
101 0.0 7.4 11.2#

130 2.7 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

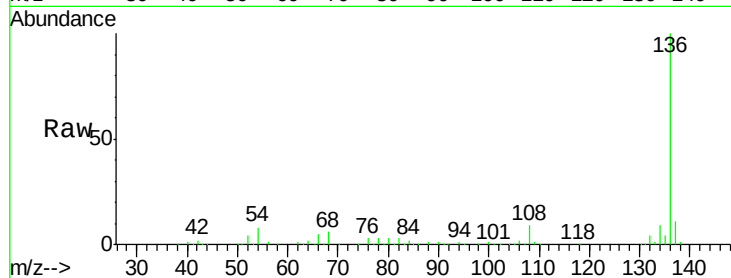




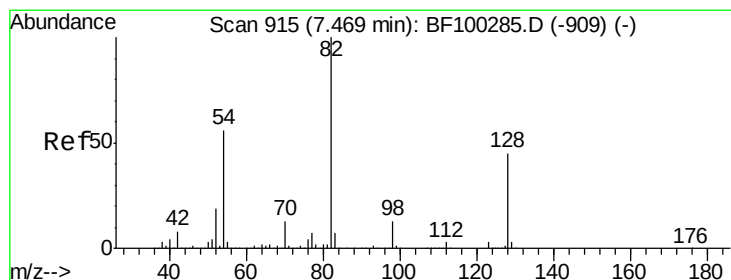
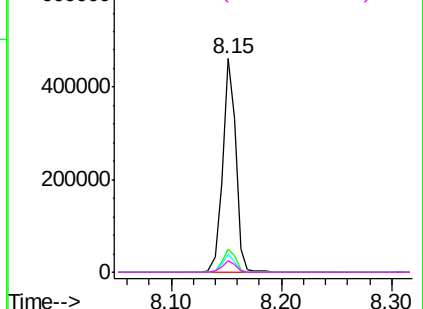
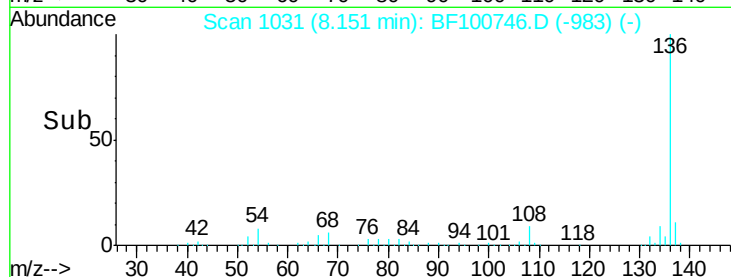
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.15 min Scan# 1031  
Delta R.T. -0.02 min  
Lab File: BF100746.D  
Acq: 20 Nov 2017 22:34

Instrument :  
BNA\_F  
ClientSampleId :  
CL-01-111617-C

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 384833 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.9  | 8.9   | 13.3   |
| 54       | 8.2   | 6.6   | 9.8    |
| 68       | 5.5   | 5.0   | 7.4    |

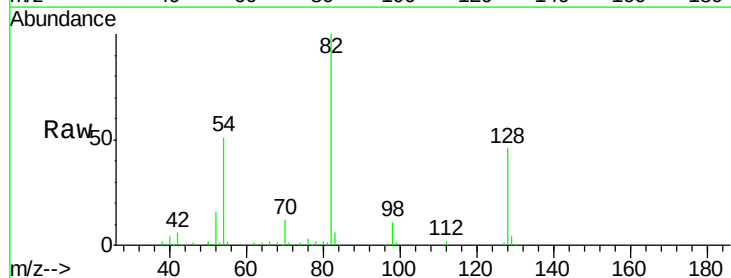


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

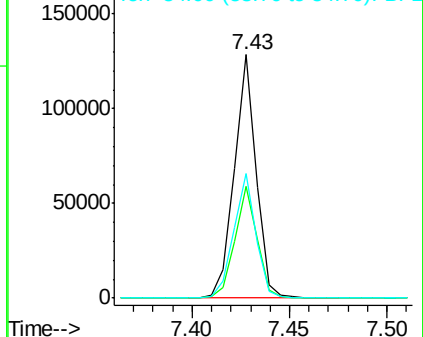
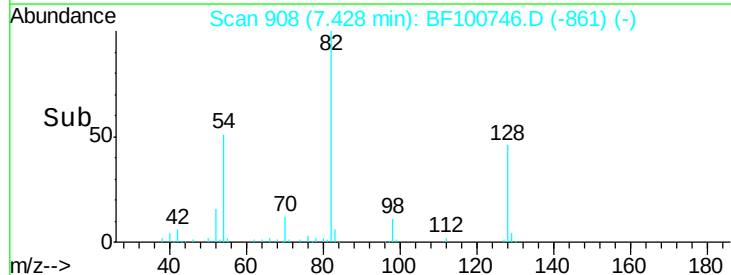


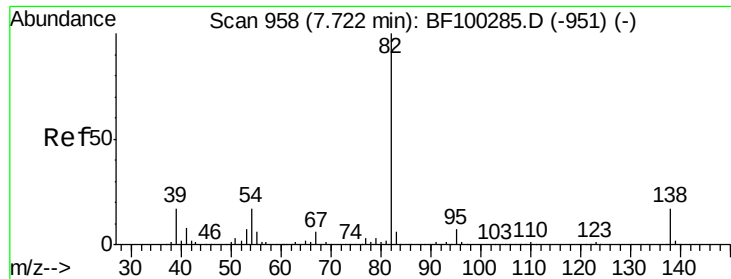
#23  
Nitrobenzene-d5  
Concen: 17.10 ng  
RT: 7.43 min Scan# 908  
Delta R.T. -0.02 min  
Lab File: BF100746.D  
Acq: 20 Nov 2017 22:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 99549 |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 45.9  | 36.1  | 54.1  |
| 54       | 51.2  | 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: 8.14 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.28 min

Lab File: BF100746.D

Acq: 20 Nov 2017 22:34

Instrument :

BNA\_F

ClientSampleId :

CL-01-111617-C

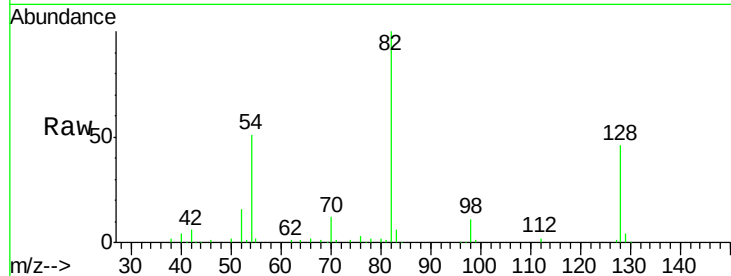
Tgt Ion: 82 Resp: 99570

Ion Ratio Lower Upper

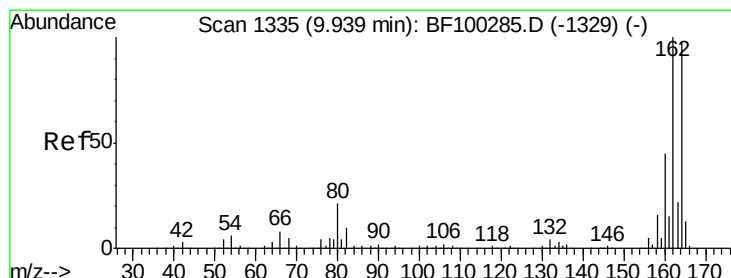
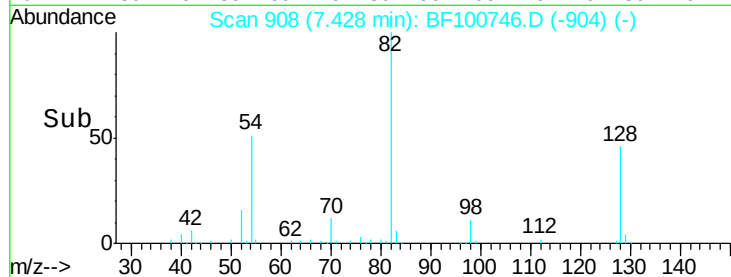
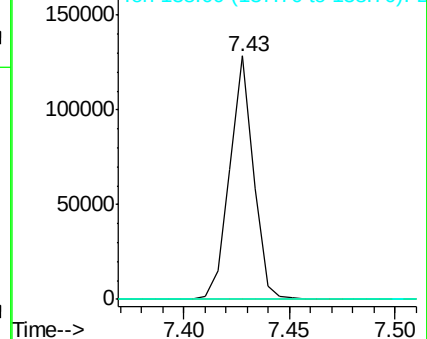
82 100

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): BF1



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF100746.D

Acq: 20 Nov 2017 22:34

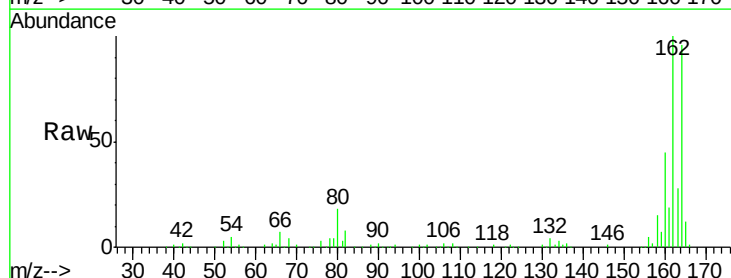
Tgt Ion: 164 Resp: 171509

Ion Ratio Lower Upper

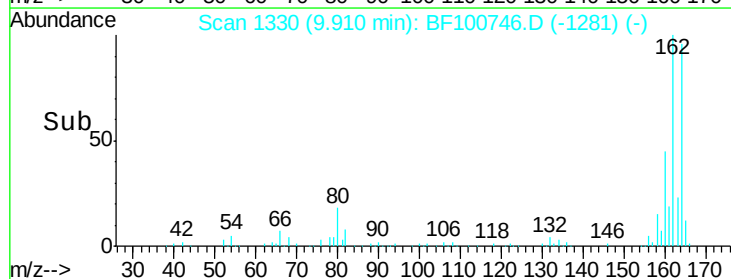
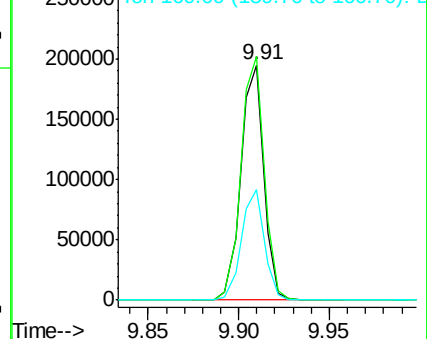
164 100

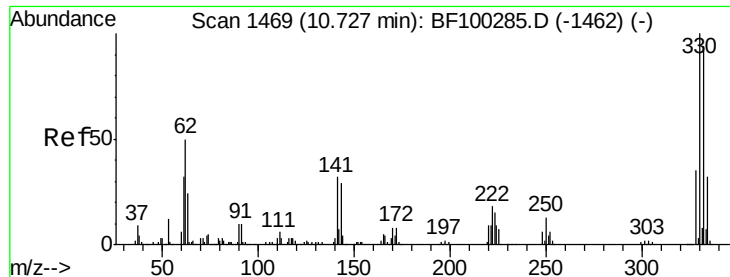
162 103.7 86.1 129.1

160 46.9 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1  
Ion 162.00 (161.70 to 162.70): BF1  
Ion 160.00 (159.70 to 160.70): BF1

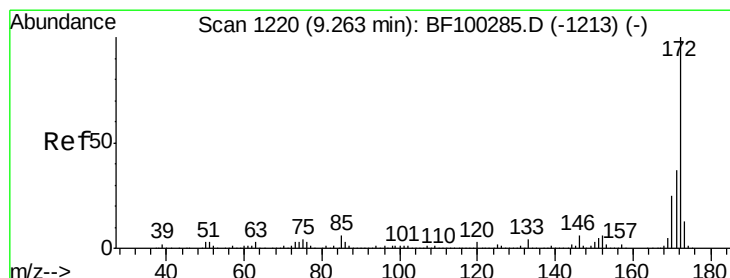
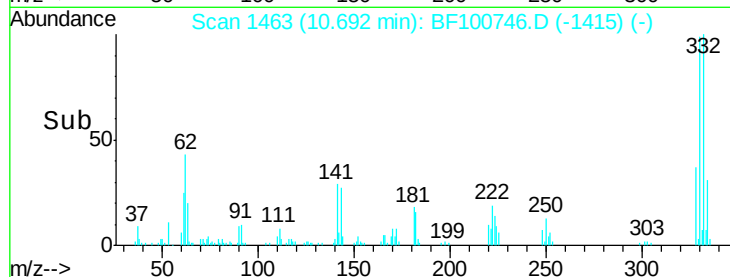
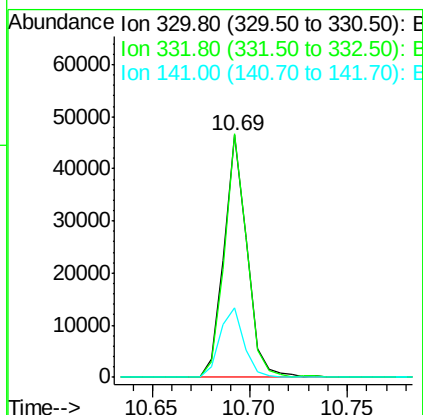
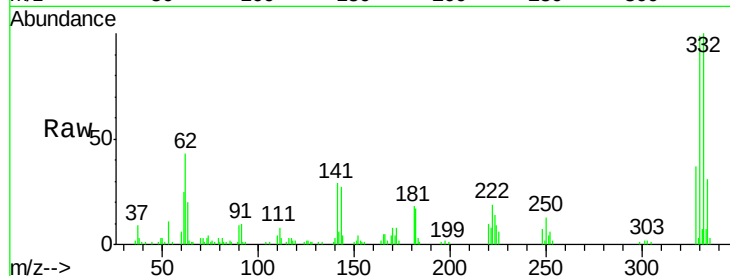




#41  
 2,4,6-Tribromophenol  
 Concen: 21.74 ng  
 RT: 10.69 min Scan# 1463  
 Delta R.T. -0.02 min  
 Lab File: BF100746.D  
 Acq: 20 Nov 2017 22:34

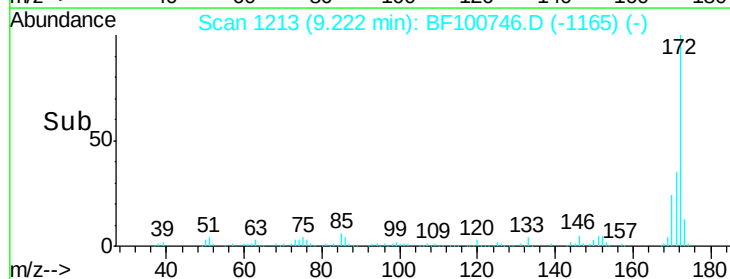
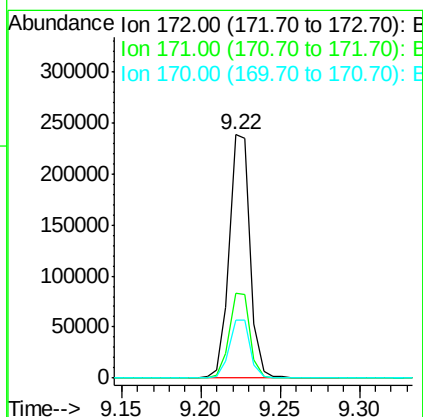
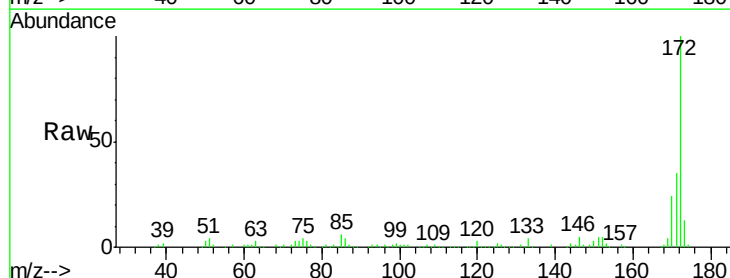
Instrument :  
 BNA\_F  
 ClientSampleId :  
 CL-01-111617-C

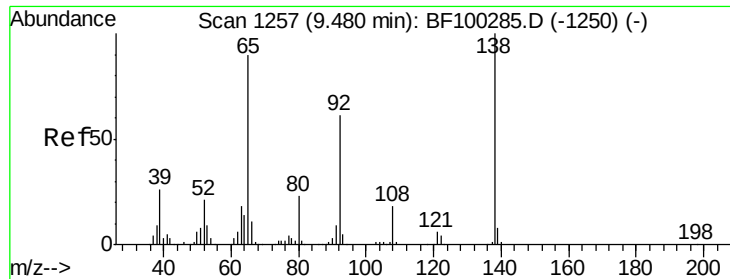
Tgt Ion: 330 Resp: 37990  
 Ion Ratio Lower Upper  
 330 100  
 332 97.2 77.0 115.6  
 141 29.8 29.9 44.9#



#44  
 2-Fluorobiphenyl  
 Concen: 19.38 ng  
 RT: 9.22 min Scan# 1213  
 Delta R.T. -0.02 min  
 Lab File: BF100746.D  
 Acq: 20 Nov 2017 22:34

Tgt Ion: 172 Resp: 218316  
 Ion Ratio Lower Upper  
 172 100  
 171 35.1 29.7 44.5  
 170 23.9 19.6 29.4

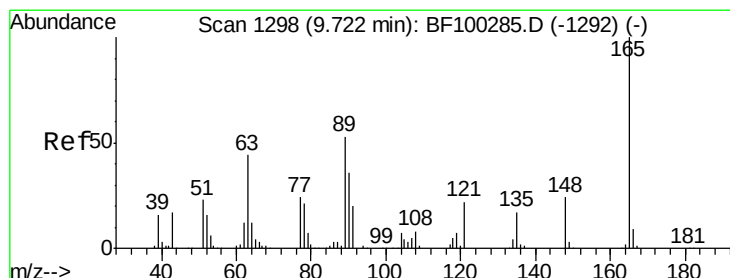
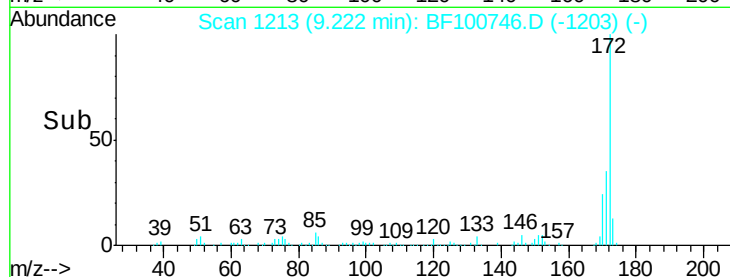
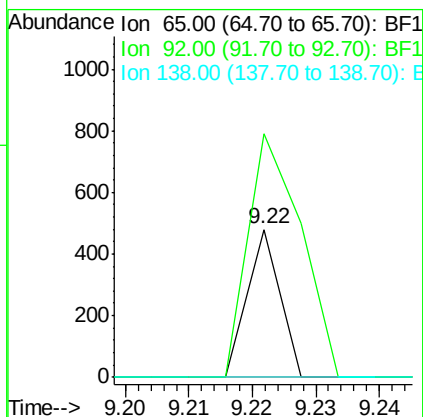
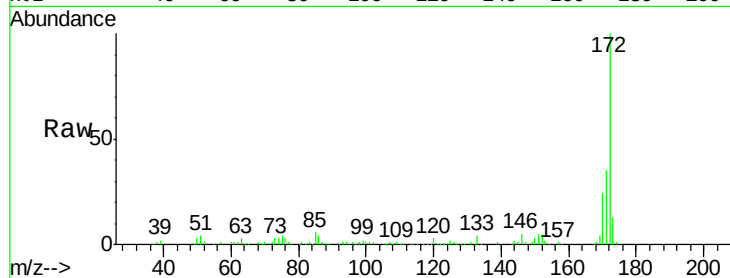




#47  
2-Nitroaniline  
Concen: 2.83 ng  
RT: 9.22 min Scan# 1213  
Delta R.T. -0.24 min  
Lab File: BF100746.D  
Acq: 20 Nov 2017 22:34

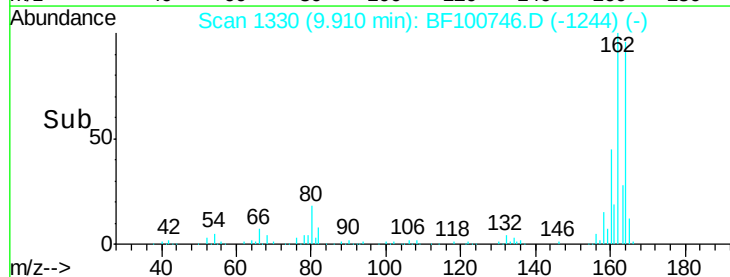
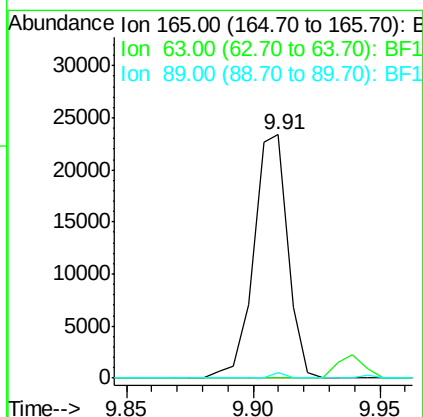
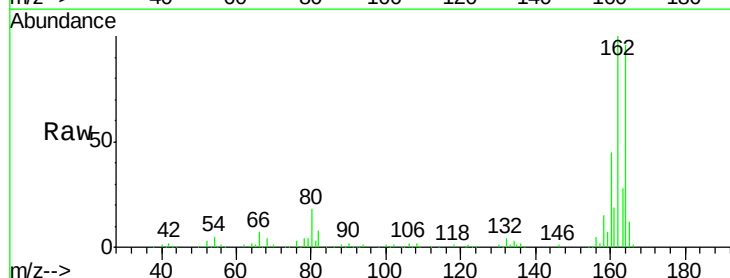
Instrument :  
BNA\_F  
ClientSampleId :  
CL-01-111617-C

Tgt Ion: 65 Resp: 169  
Ion Ratio Lower Upper  
65 100  
92 164.9 55.8 83.6#  
138 0.0 91.2 136.8#

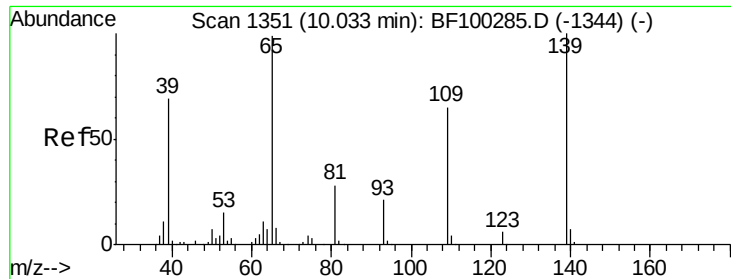


#50  
2,6-Dinitrotoluene  
Concen: 8.49 ng  
RT: 9.91 min Scan# 1330  
Delta R.T. 0.21 min  
Lab File: BF100746.D  
Acq: 20 Nov 2017 22:34

Tgt Ion: 165 Resp: 21998  
Ion Ratio Lower Upper  
165 100  
63 0.0 44.7 67.1#  
89 2.0 44.0 66.0#







#55

4-Nitrophenol

Concen: 3.72 ng

RT: 10.11 min Scan# 1364

Delta R.T. 0.09 min

Lab File: BF100746.D

Acq: 20 Nov 2017 22:34

Instrument :

BNA\_F

ClientSampleId :

CL-01-111617-C

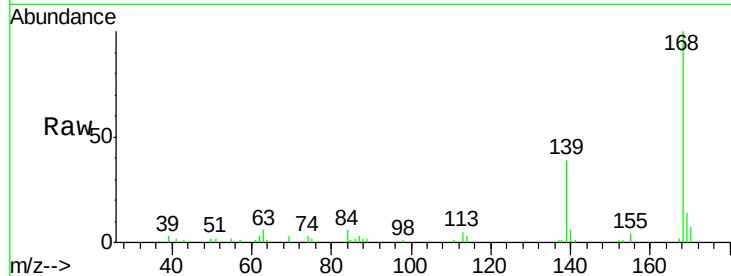
Tgt Ion:139 Resp: 9251

Ion Ratio Lower Upper

139 100

109 0.0 48.4 88.4#

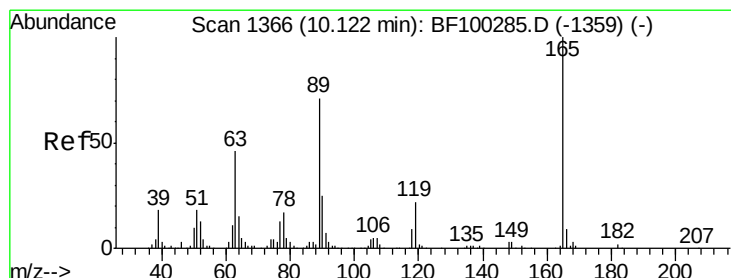
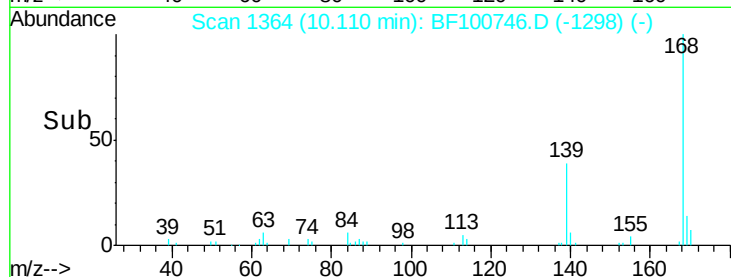
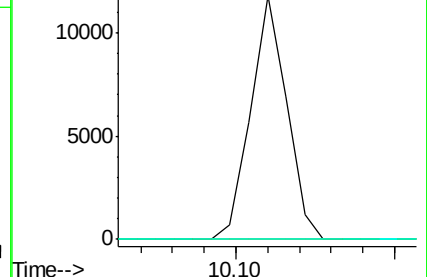
65 0.0 72.6 112.6#



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



#56

2,4-Dinitrotoluene

Concen: 6.73 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.20 min

Lab File: BF100746.D

Acq: 20 Nov 2017 22:34

Tgt Ion:165 Resp: 21998

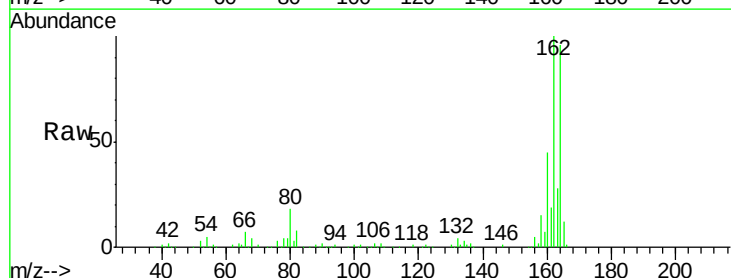
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 2.0 57.8 86.6#

182 0.0 1.6 2.4#

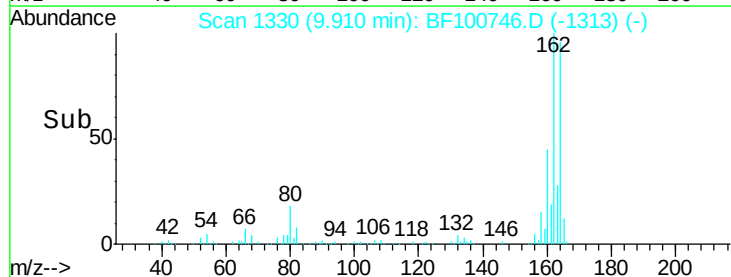
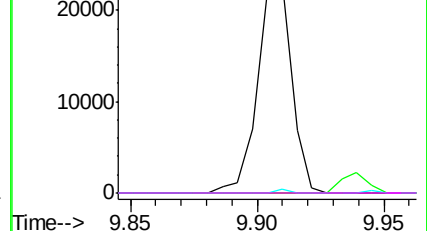


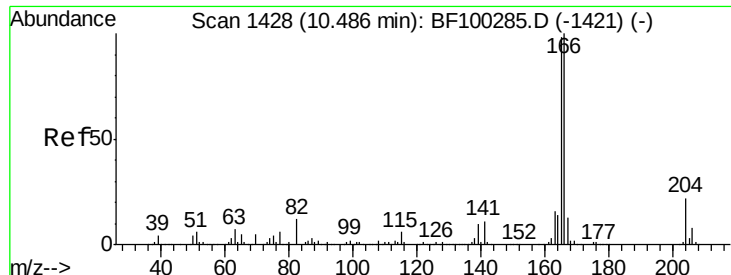
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

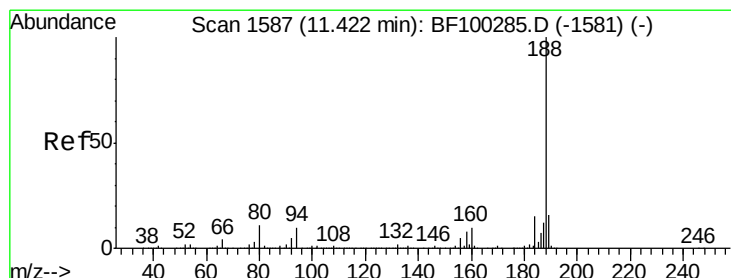
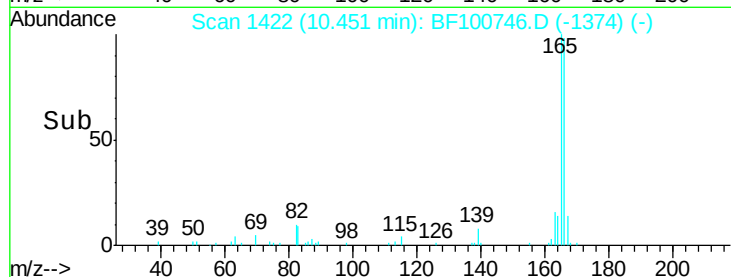
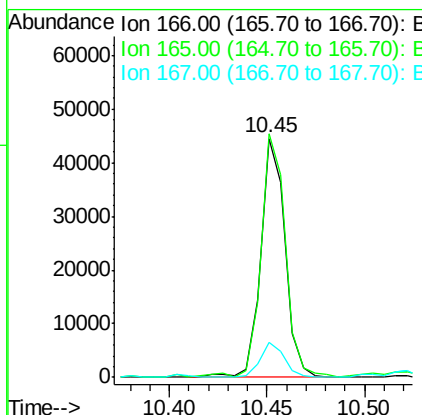
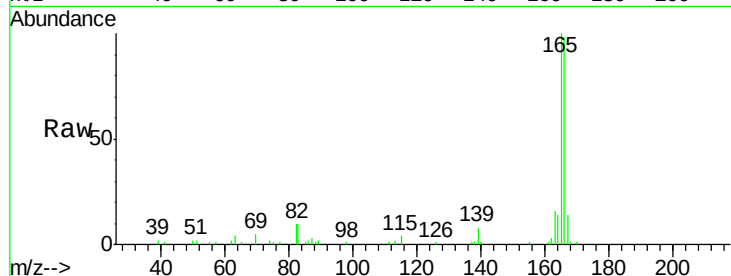




#57  
 Fluorene  
 Concen: 3.44 ng  
 RT: 10.45 min Scan# 1422  
 Delta R.T. -0.02 min  
 Lab File: BF100746.D  
 Acq: 20 Nov 2017 22:34

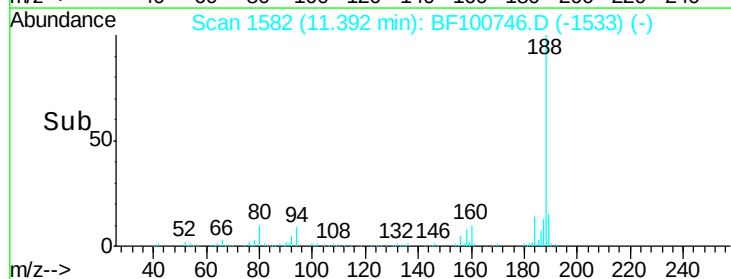
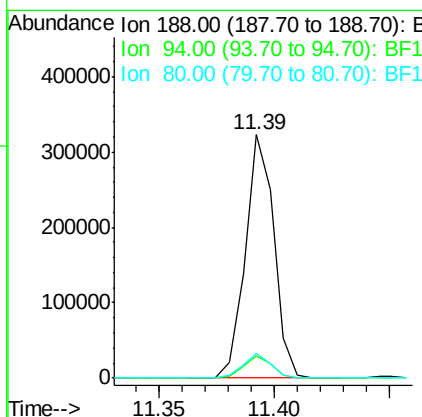
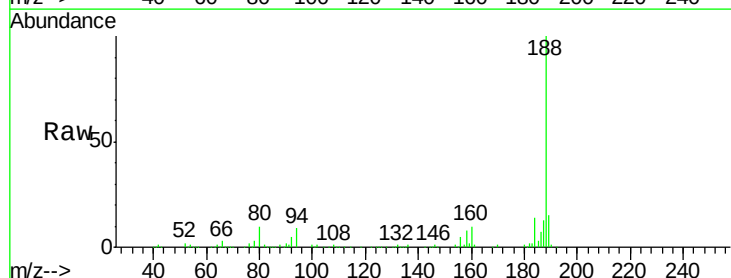
Instrument :  
 BNA\_F  
 ClientSampleId :  
 CL-01-111617-C

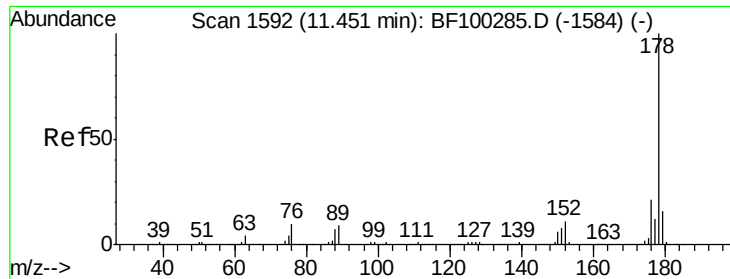
Tgt Ion:166 Resp: 38273  
 Ion Ratio Lower Upper  
 166 100  
 165 102.1 79.8 119.8  
 167 14.4 10.6 16.0



#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 11.39 min Scan# 1582  
 Delta R.T. -0.01 min  
 Lab File: BF100746.D  
 Acq: 20 Nov 2017 22:34

Tgt Ion:188 Resp: 279715  
 Ion Ratio Lower Upper  
 188 100  
 94 9.2 8.5 12.7  
 80 10.1 9.2 13.8





#70

Phenanthrene

Concen: 17.99 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.02 min

Lab File: BF100746.D

Acq: 20 Nov 2017 22:34

Instrument :

BNA\_F

ClientSampleId :

CL-01-111617-C

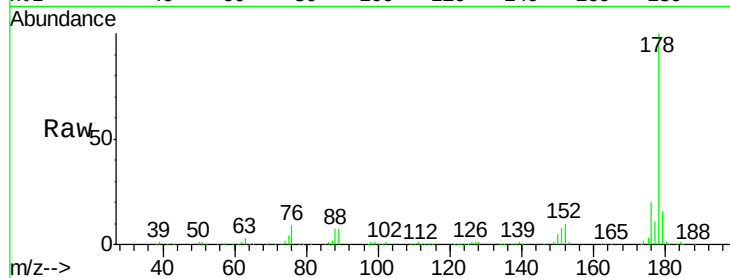
Tgt Ion:178 Resp: 264934

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

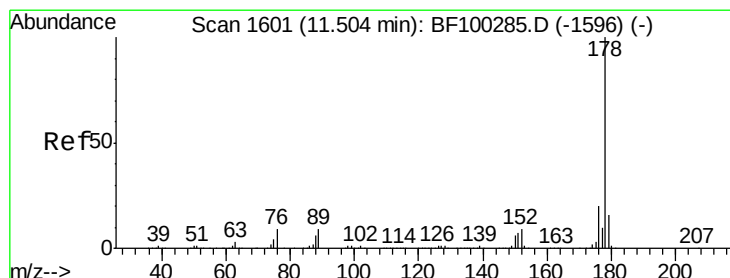
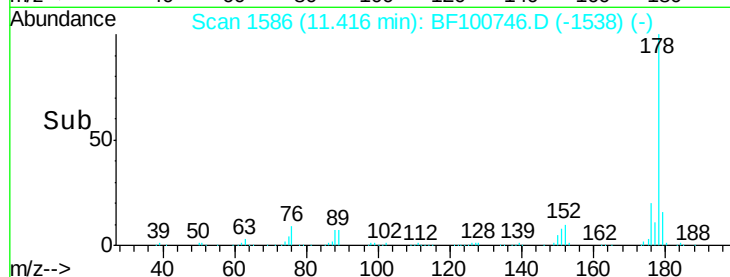
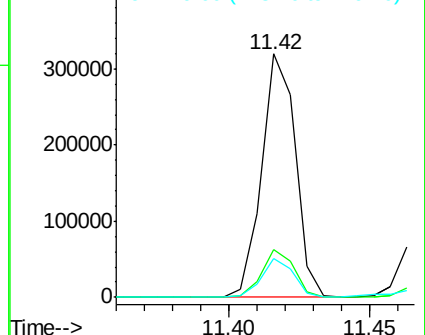
179 15.9 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 5.48 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.02 min

Lab File: BF100746.D

Acq: 20 Nov 2017 22:34

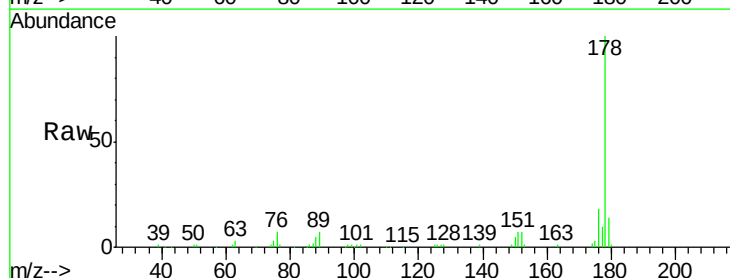
Tgt Ion:178 Resp: 81814

Ion Ratio Lower Upper

178 100

176 17.7 15.4 23.2

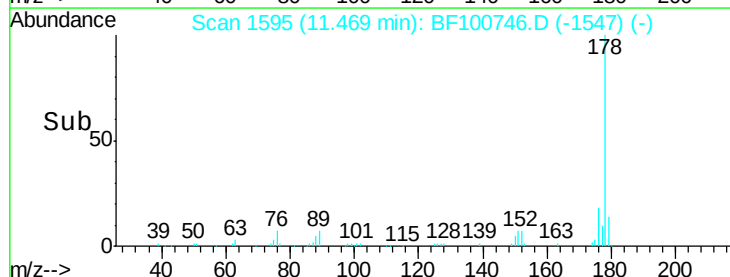
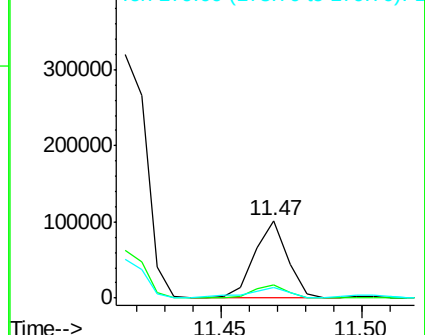
179 14.5 12.6 19.0

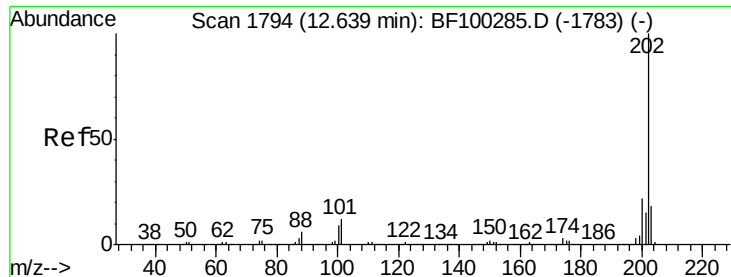


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 23.10 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.02 min

Lab File: BF100746.D

Acq: 20 Nov 2017 22:34

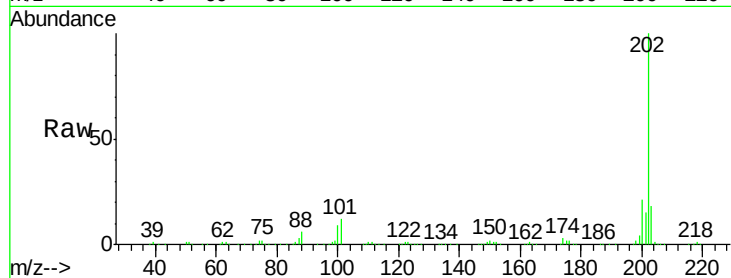
Instrument :

BNA\_F

ClientSampleId :

CL-01-111617-C

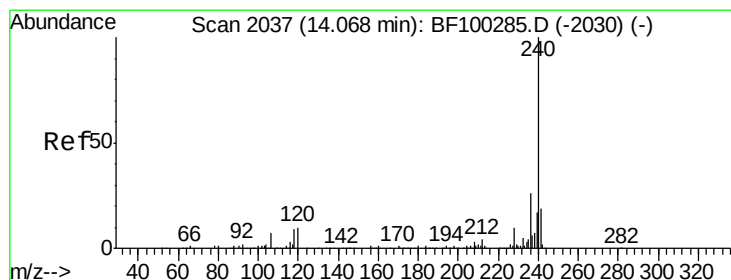
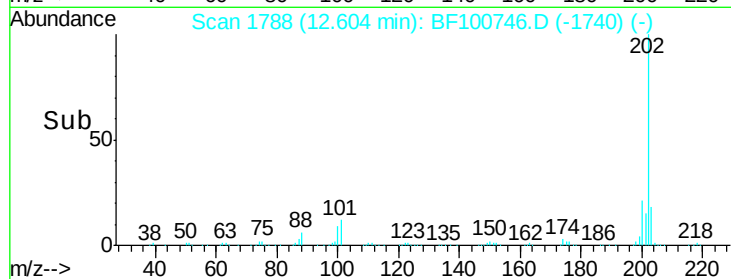
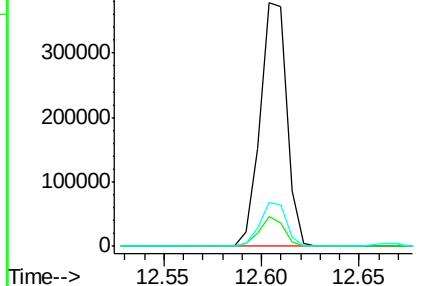
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 202   | Resp: | 360544 |
| Ion      | Ratio | Lower | Upper  |
| 202      | 100   |       |        |
| 101      | 12.3  | 0.0   | 34.1   |
| 203      | 17.9  | 0.0   | 38.1   |



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: 20.00 ng

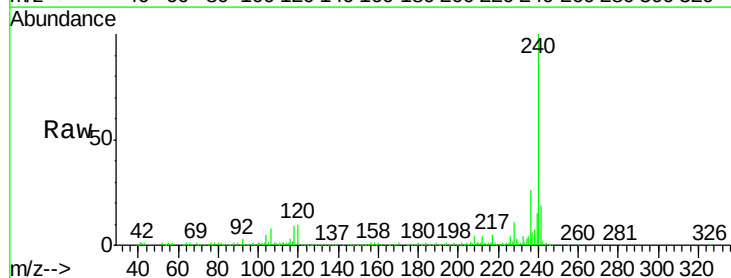
RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF100746.D

Acq: 20 Nov 2017 22:34

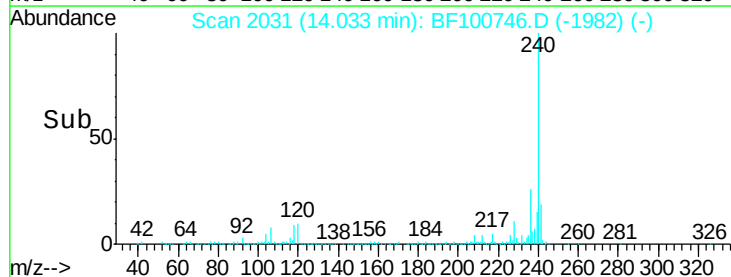
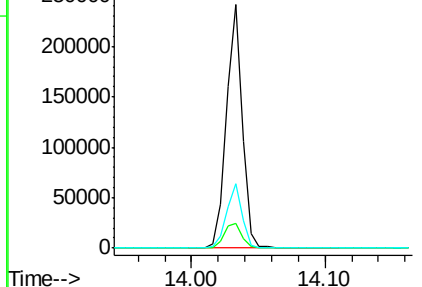
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 204240 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 10.2  | 9.5   | 14.3   |
| 236      | 26.2  | 20.7  | 31.1   |

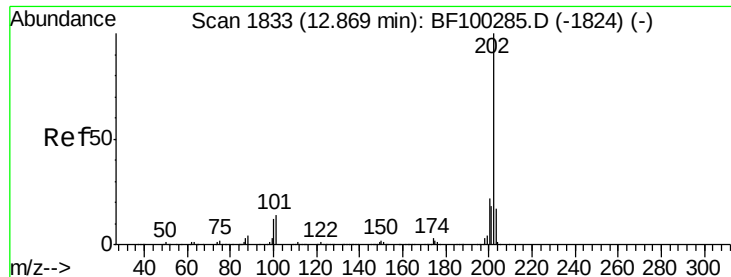


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 20.80 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF100746.D

Acq: 20 Nov 2017 22:34

Instrument :

BNA\_F

ClientSampleId :

CL-01-111617-C

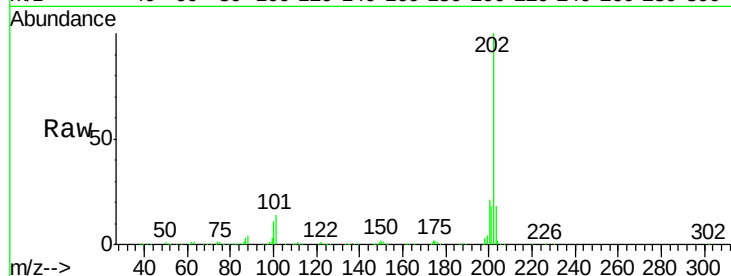
Tgt Ion:202 Resp: 302847

Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.2

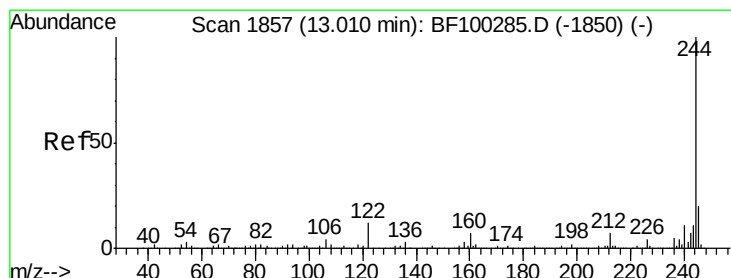
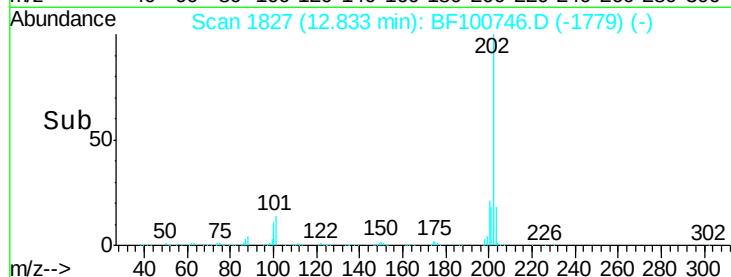
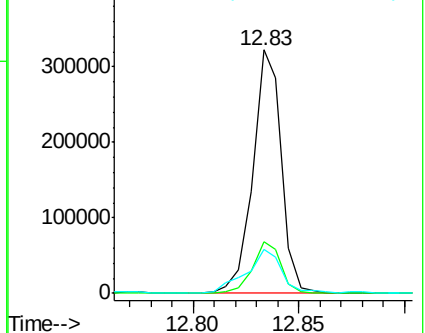
203 18.0 14.3 21.5



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: 16.39 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF100746.D

Acq: 20 Nov 2017 22:34

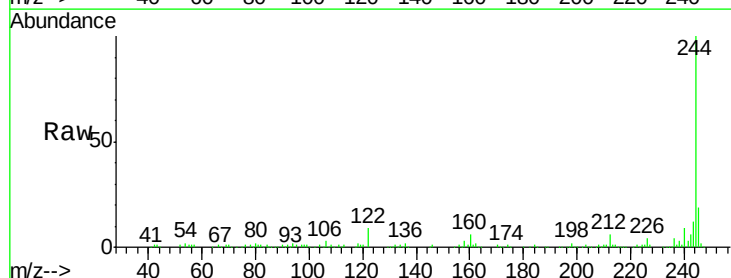
Tgt Ion:244 Resp: 145650

Ion Ratio Lower Upper

244 100

212 5.9 5.4 8.0

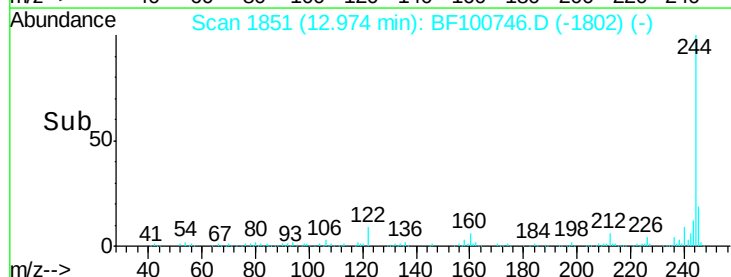
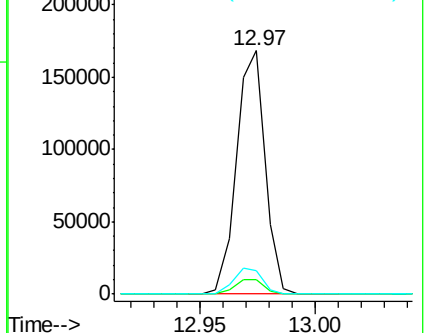
122 9.4 11.0 16.4#

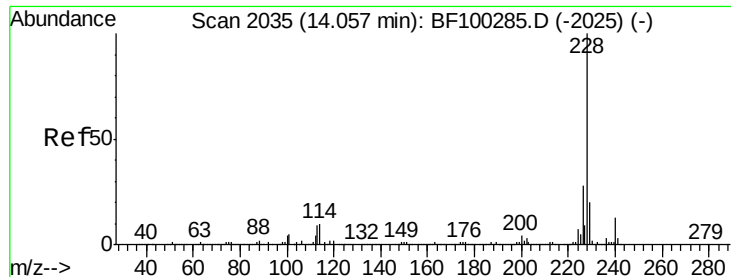


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 13.59 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF100746.D

Acq: 20 Nov 2017 22:34

Instrument :

BNA\_F

ClientSampleId :

CL-01-111617-C

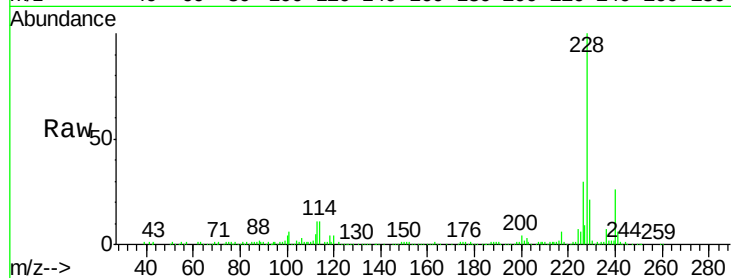
Tgt Ion:228 Resp: 167100

Ion Ratio Lower Upper

228 100

226 29.8 22.6 33.8

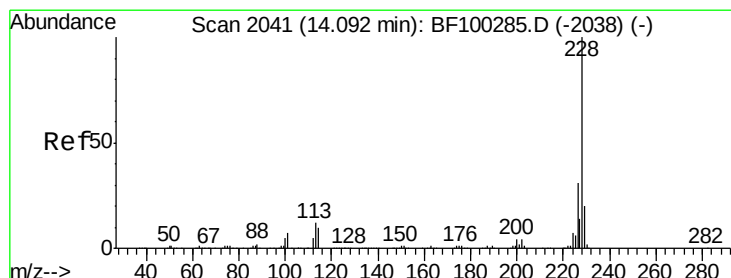
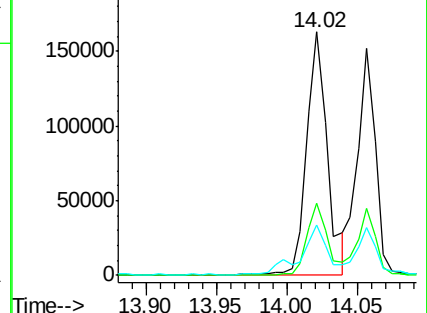
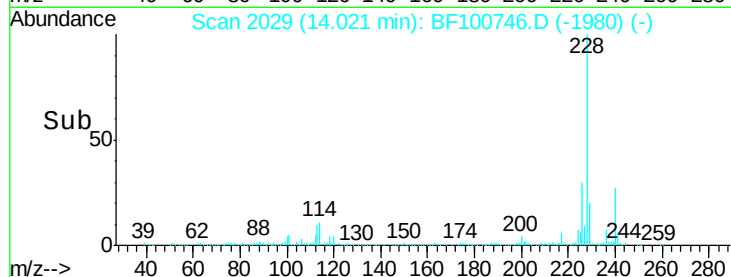
229 20.6 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 11.42 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.02 min

Lab File: BF100746.D

Acq: 20 Nov 2017 22:34

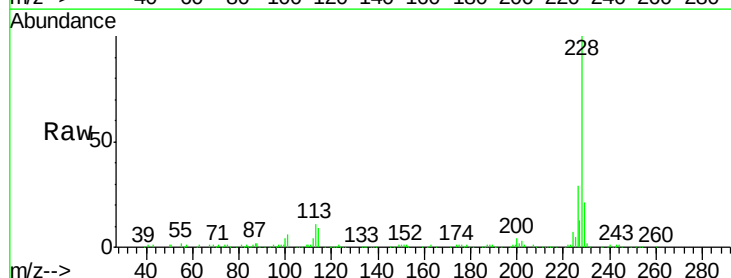
Tgt Ion:228 Resp: 136004

Ion Ratio Lower Upper

228 100

226 29.2 25.0 37.6

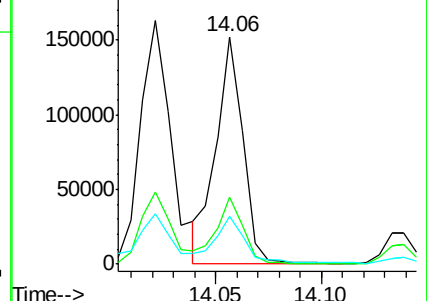
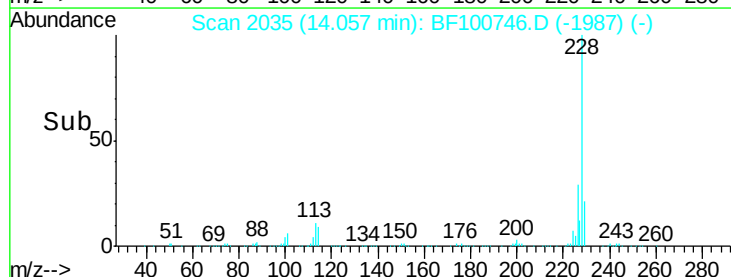
229 21.1 16.2 24.4

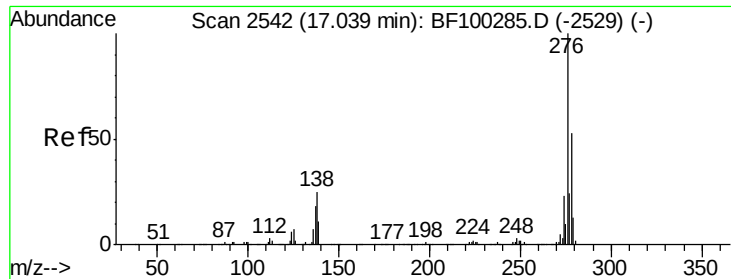


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

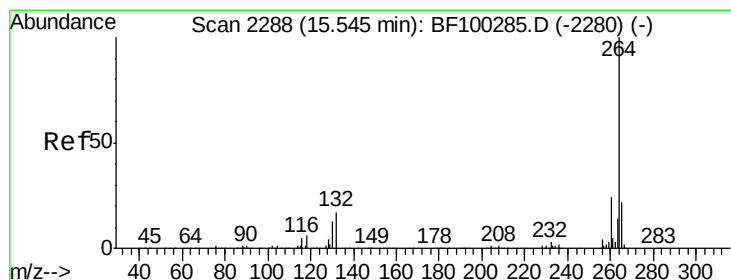
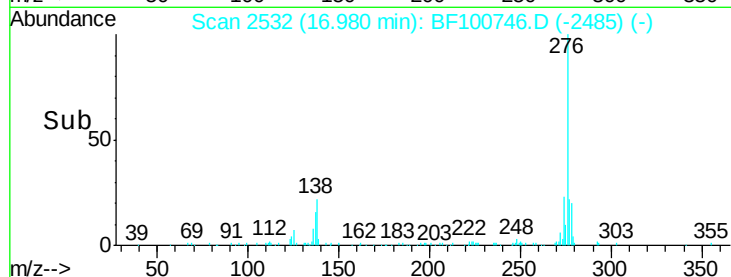
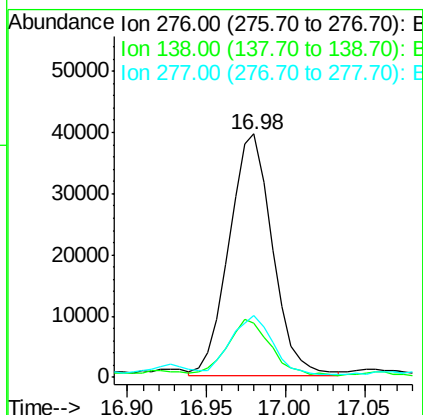
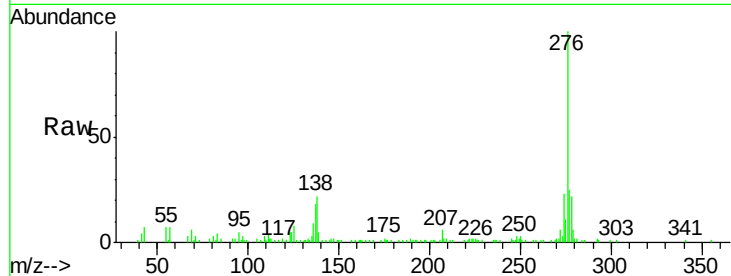




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 7.85 ng  
 RT: 16.98 min Scan# 2532  
 Delta R.T. -0.02 min  
 Lab File: BF100746.D  
 Acq: 20 Nov 2017 22:34

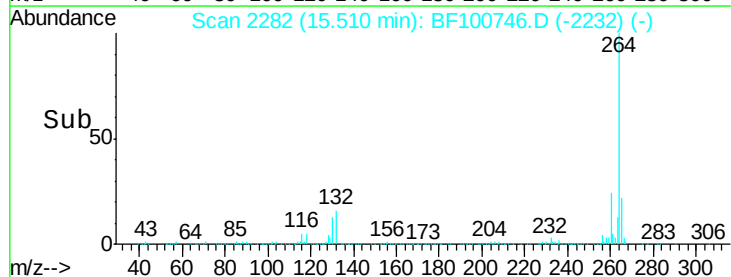
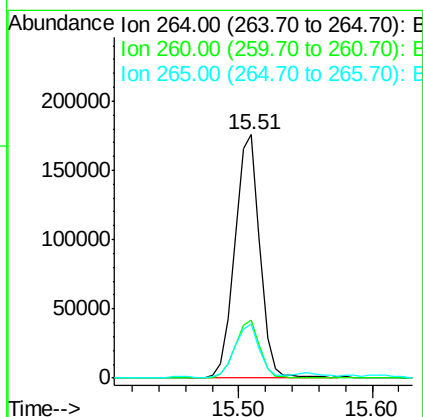
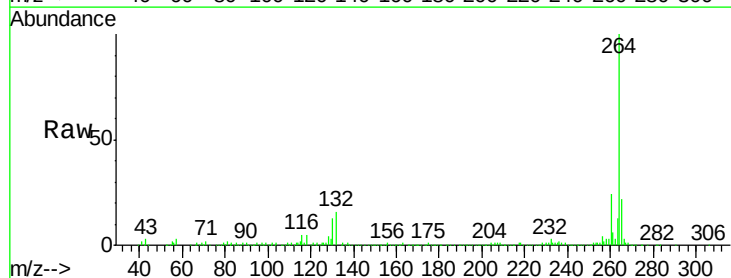
Instrument :  
 BNA\_F  
 ClientSampleId :  
 CL-01-111617-C

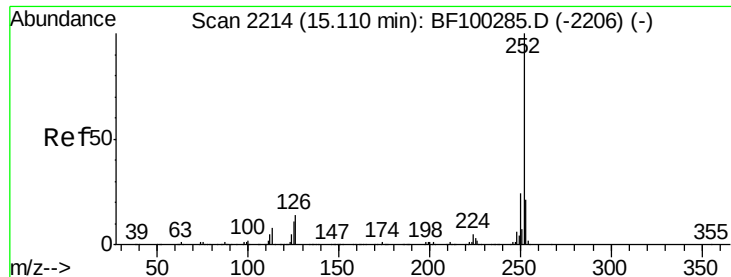
Tgt Ion: 276 Resp: 75585  
 Ion Ratio Lower Upper  
 276 100  
 138 22.6 25.0 37.6#  
 277 23.0 20.1 30.1



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.51 min Scan# 2282  
 Delta R.T. -0.01 min  
 Lab File: BF100746.D  
 Acq: 20 Nov 2017 22:34

Tgt Ion: 264 Resp: 230033  
 Ion Ratio Lower Upper  
 264 100  
 260 23.9 19.2 28.8  
 265 22.2 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 19.63 ng

RT: 15.07 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BF100746.D

Acq: 20 Nov 2017 22:34

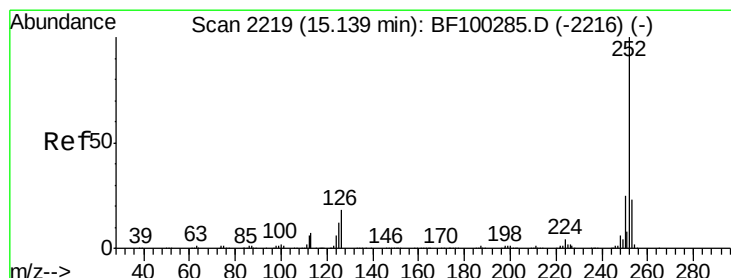
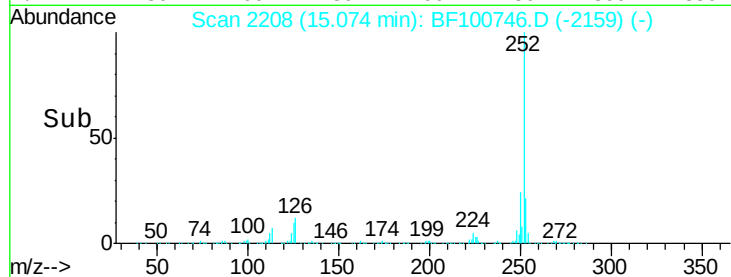
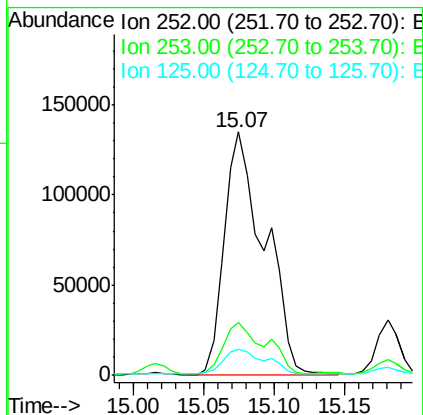
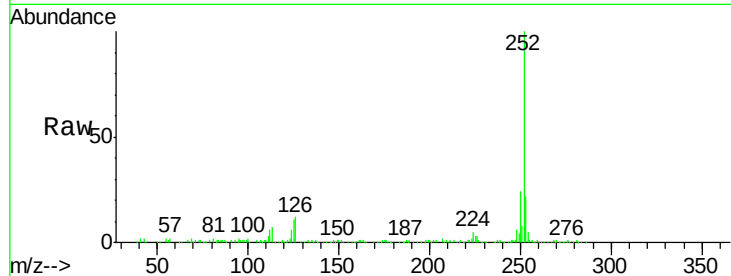
Instrument :

BNA\_F

ClientSampleId :

CL-01-111617-C

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 252   | Resp: | 267518 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 253      | 21.5  | 17.0  | 25.6   |
| 125      | 10.7  | 9.0   | 13.6   |



#88

Benzo(k)fluoranthene

Concen: 20.78 ng

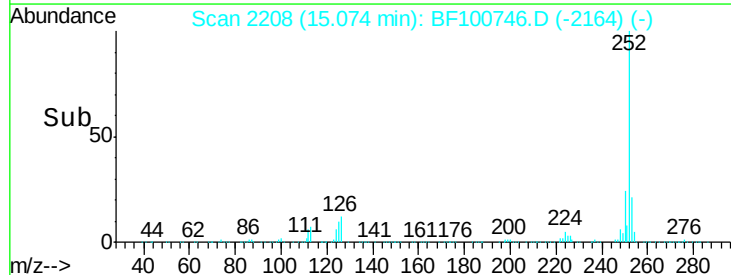
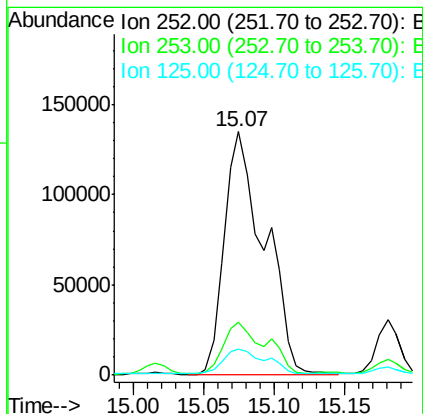
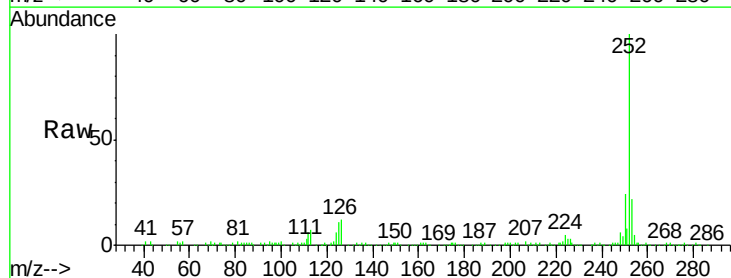
RT: 15.07 min Scan# 2208

Delta R.T. -0.04 min

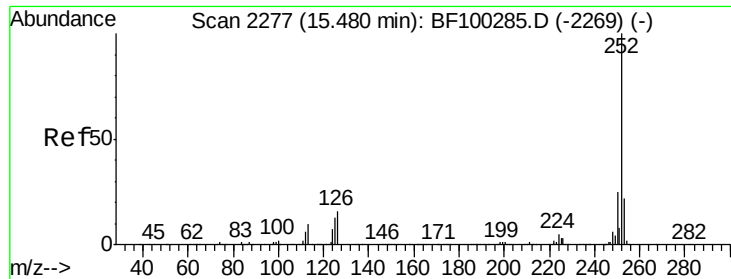
Lab File: BF100746.D

Acq: 20 Nov 2017 22:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 252   | Resp: | 267518 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 253      | 21.5  | 17.9  | 26.9   |
| 125      | 10.7  | 10.2  | 15.2   |







#89

Benzo(a)pyrene

Concen: 11.80 ng

RT: 15.44 min Scan# 2270

Delta R.T. -0.02 min

Lab File: BF100746.D

Acq: 20 Nov 2017 22:34

Instrument :

BNA\_F

ClientSampleId :

CL-01-111617-C

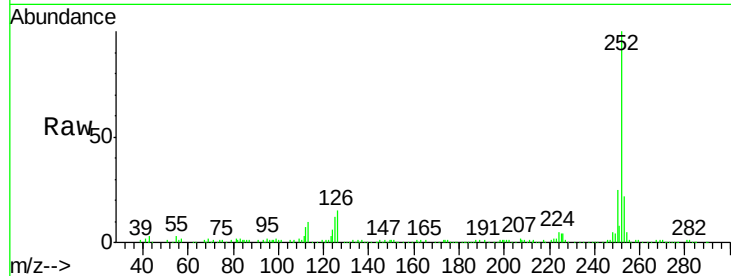
Tgt Ion:252 Resp: 142529

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

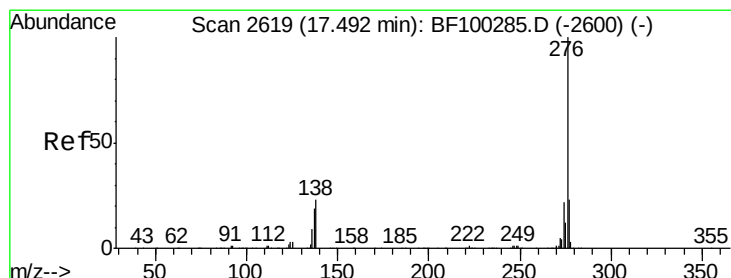
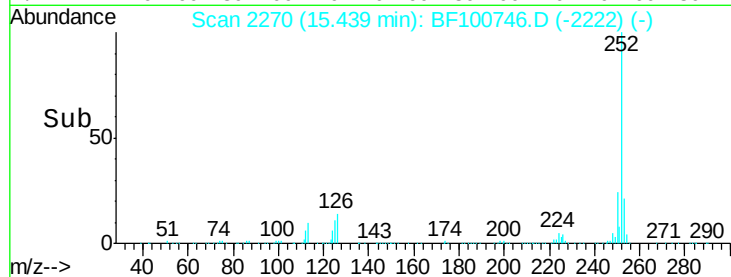
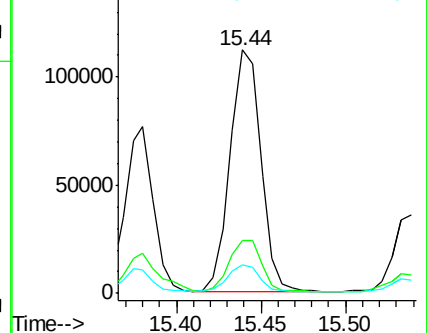
125 11.7 9.8 14.6



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



#91

Benzo(g,h,i)perylene

Concen: 7.00 ng

RT: 17.43 min Scan# 2608

Delta R.T. -0.03 min

Lab File: BF100746.D

Acq: 20 Nov 2017 22:34

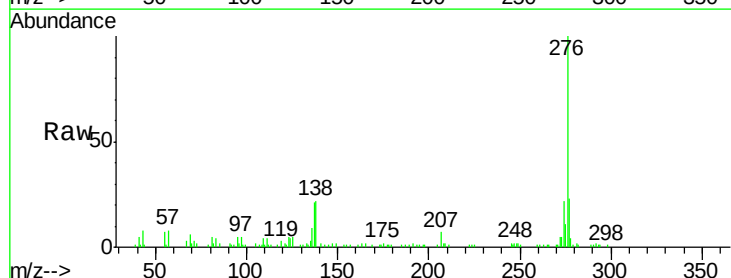
Tgt Ion:276 Resp: 67736

Ion Ratio Lower Upper

276 100

277 23.1 17.9 26.9

138 21.8 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

