

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\  
 Data File : BF095565.D  
 Acq On : 31 May 2017 15:51  
 Operator : SJ/MA  
 Sample : I3329-01  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jun 01 01:31:14 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 26 16:50:16 2017  
 Response via : Initial Calibration

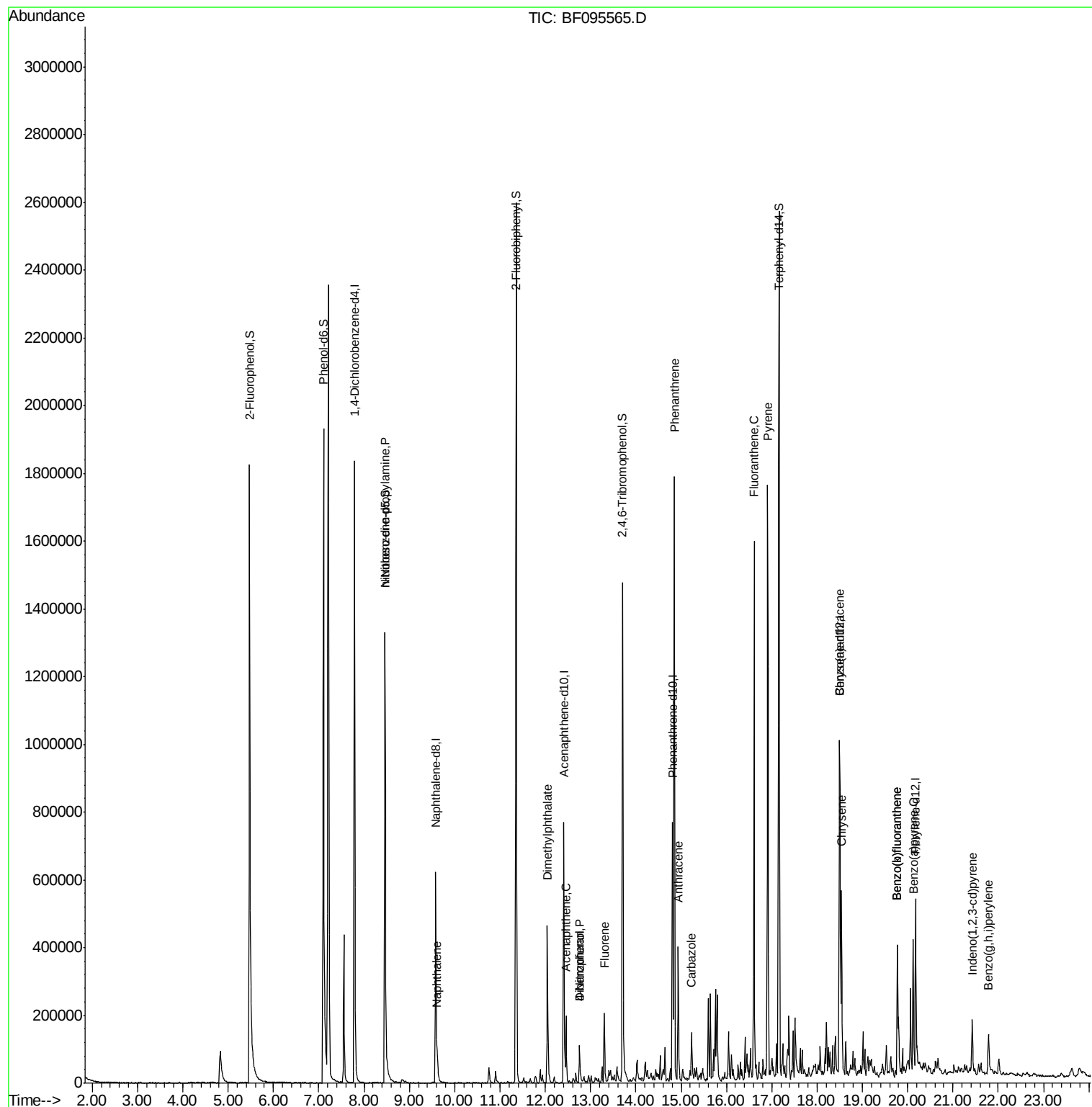
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.79  | 152  | 441601   | 20.00  | ng    | 0.05     |
| 21) Naphthalene-d8             | 9.58  | 136  | 464478   | 20.00  | ng    | -0.18    |
| 38) Acenaphthene-d10           | 12.41 | 164  | 212408   | 20.00  | ng    | -0.19    |
| 63) Phenanthrene-d10           | 14.81 | 188  | 388241   | 20.00  | ng    | -0.19    |
| 75) Chrysene-d12               | 18.51 | 240  | 285367   | 20.00  | ng    | -0.17    |
| 86) Perylene-d12               | 20.18 | 264  | 210469   | 20.00  | ng    | -0.18    |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 5) 2-Fluorophenol              | 5.47  | 112  | 988613   | 37.32  | ng    | -0.24    |
| 7) Phenol-d6                   | 7.11  | 99   | 1208467  | 38.03  | ng    | -0.19    |
| 23) Nitrobenzene-d5            | 8.47  | 82   | 732795   | 99.49  | ng    | -0.19    |
| 41) 2,4,6-Tribromophenol       | 13.71 | 330  | 265856   | 152.83 | ng    | -0.19    |
| 44) 2-Fluorobiphenyl           | 11.36 | 172  | 1344655  | 91.12  | ng    | -0.18    |
| 78) Terphenyl-d14              | 17.17 | 244  | 1067174  | 82.37  | ng    | -0.16    |
| Target Compounds               |       |      |          |        |       | Qvalue   |
| 19) n-Nitroso-di-n-propylamine | 8.47  | 70   | 91576    | 4.26   | ng    | # 76     |
| 31) Naphthalene                | 9.62  | 128  | 62853    | 2.69   | ng    | 99       |
| 49) Dimethylphthalate          | 12.05 | 163  | 281107   | 16.12  | ng    | 98       |
| 51) Acenaphthene               | 12.46 | 154  | 66742    | 4.94   | ng    | 99       |
| 54) Dibenzofuran               | 12.75 | 168  | 70585    | 3.78   | ng    | 98       |
| 55) 4-Nitrophenol              | 12.75 | 139  | 26324    | 11.48  | ng    | # 27     |
| 57) Fluorene                   | 13.30 | 166  | 84721    | 5.21   | ng    | 97       |
| 70) Phenanthrene               | 14.85 | 178  | 986379   | 44.22  | ng    | 98       |
| 71) Anthracene                 | 14.94 | 178  | 232651   | 10.21  | ng    | 95       |
| 72) Carbazole                  | 15.23 | 167  | 90875    | 4.38   | ng    | 97       |
| 74) Fluoranthene               | 16.61 | 202  | 820835   | 35.87  | ng    | 99       |
| 77) Pylene                     | 16.91 | 202  | 726586   | 34.04  | ng    | 95       |
| 80) Benzo(a)anthracene         | 18.49 | 228  | 278846   | 16.79  | ng    | 98       |
| 82) Chrysene                   | 18.54 | 228  | 258690   | 16.11  | ng    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 21.42 | 276  | 88978    | 6.82   | ng    | 95       |
| 87) Benzo(b)fluoranthene       | 19.77 | 252  | 217468   | 16.72  | ng    | 97       |
| 88) Benzo(k)fluoranthene       | 19.77 | 252  | 217468   | 17.34  | ng    | 97       |
| 89) Benzo(a)pyrene             | 20.12 | 252  | 166784   | 13.90  | ng    | 98       |
| 91) Benzo(a,h,i)perylene       | 21.78 | 276  | 86033    | 8.85   | ng    | 99       |

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

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QLast Update : Fri May 26 16:50:16 2017  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 1012

Delta R.T. 0.05 min

Lab File: BF095565.D

Acq: 31 May 2017 15:51

Instrument :

BNA\_F

ClientSampleId :

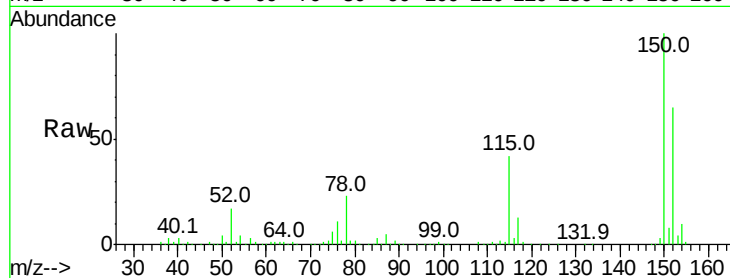
Tot Ion:152 Resp: 441601

Ion Ratio Lower Upper

152 100

150 154.3 126.2 189.2

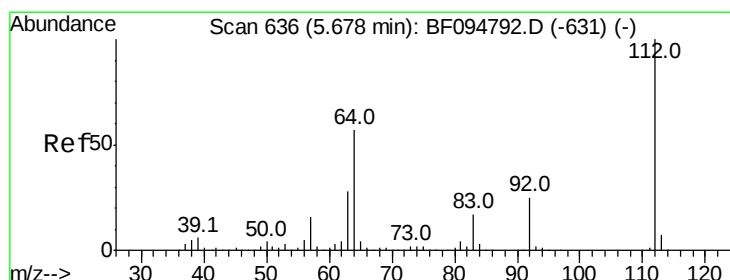
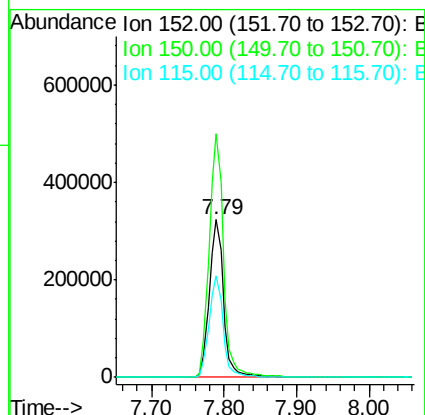
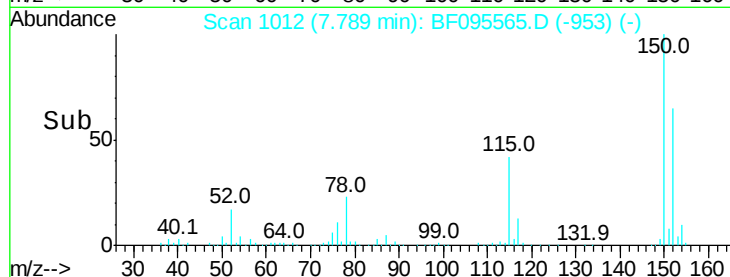
115 64.4 52.2 78.2



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: 37.32 ng

RT: 5.47 min Scan# 618

Delta R.T. -0.24 min

Lab File: BF095565.D

Acq: 31 May 2017 15:51

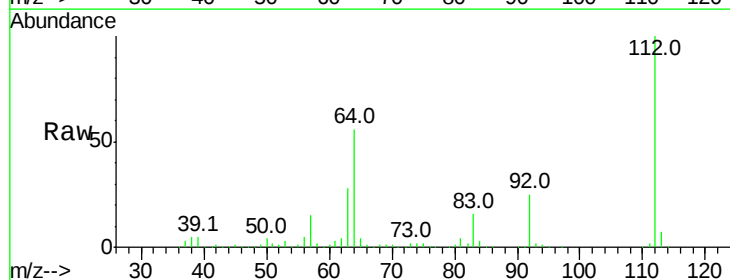
Tgt Ion:112 Resp: 988613

Ion Ratio Lower Upper

112 100

64 56.1 46.0 69.0

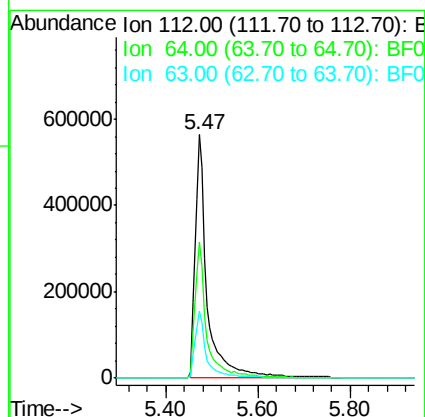
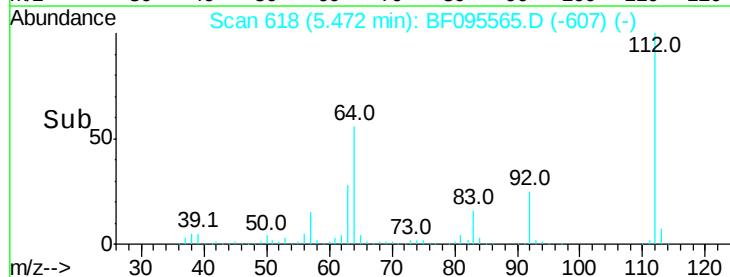
63 27.6 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.03 ng

RT: 7.11 min Scan# 896

Delta R.T. -0.19 min

Lab File: BF095565.D

Acq: 31 May 2017 15:51

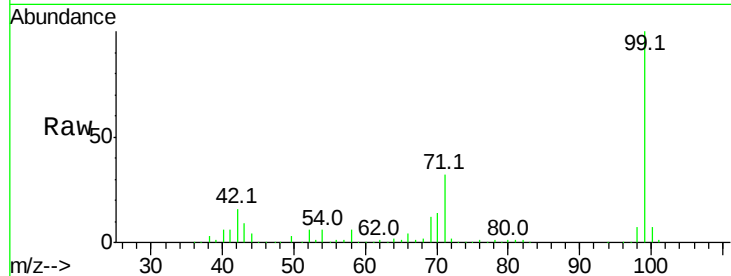
Instrument :

BNA\_F

ClientSampled :

Tot Ion: 99 Resp: 1208467

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 16.4  | 13.5  | 20.3  |
| 71  | 32.1  | 24.5  | 36.7  |

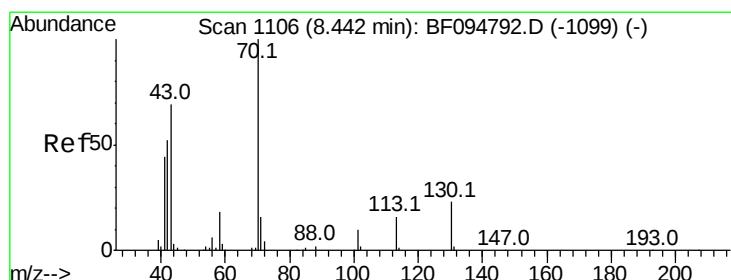
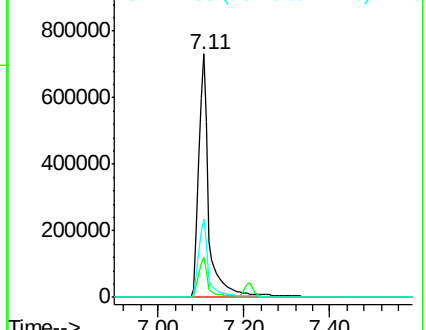
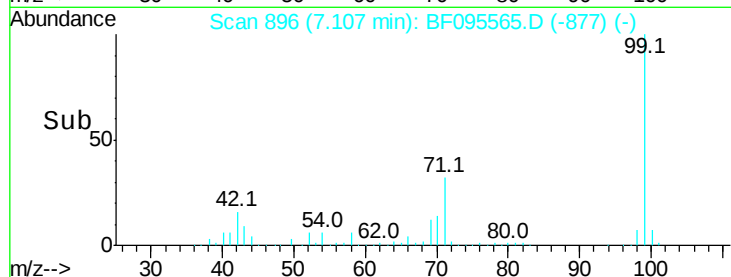


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 4.26 ng

RT: 8.47 min Scan# 1127

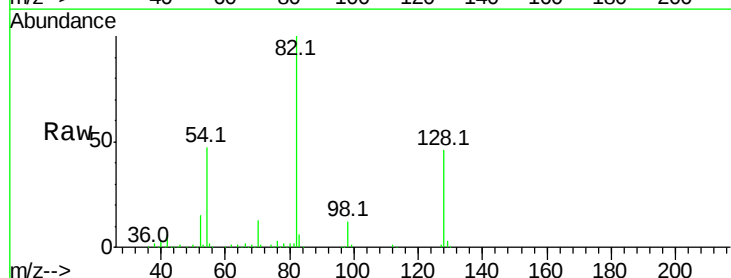
Delta R.T. 0.01 min

Lab File: BF095565.D

Acq: 31 May 2017 15:51

Tgt Ion: 70 Resp: 91576

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 44.6  | 47.2  | 70.8# |
| 101 | 0.0   | 7.2   | 10.8# |
| 130 | 2.6   | 15.9  | 23.9# |



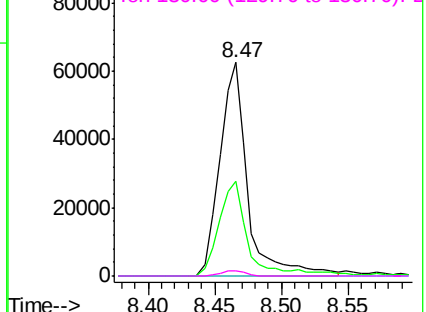
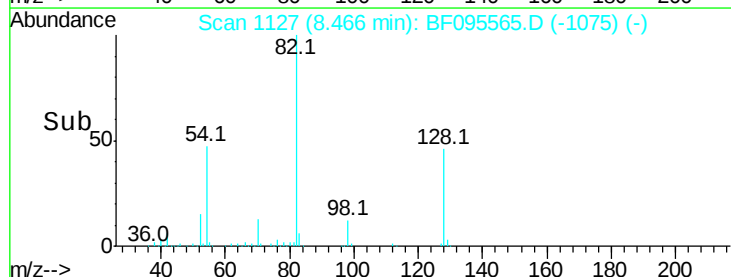
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

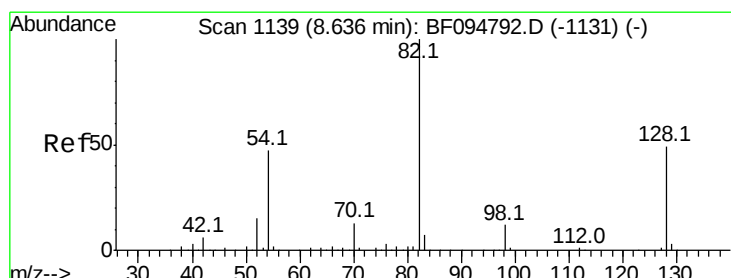
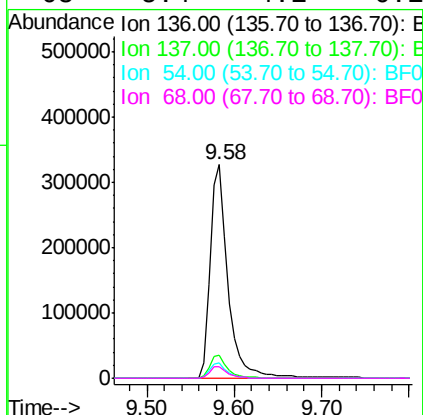
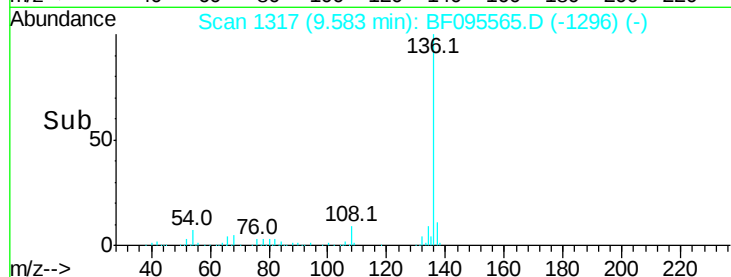
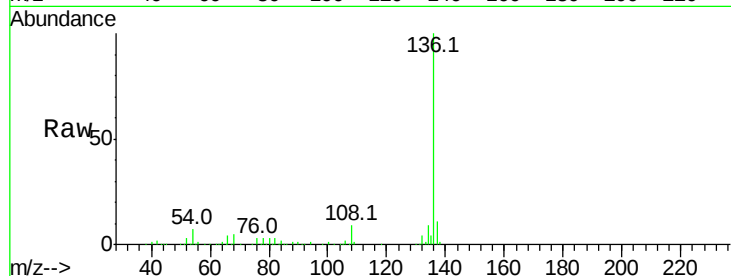




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 9.58 min Scan# 1317  
Delta R.T. -0.18 min  
Lab File: BF095565.D  
Acq: 31 May 2017 15:51

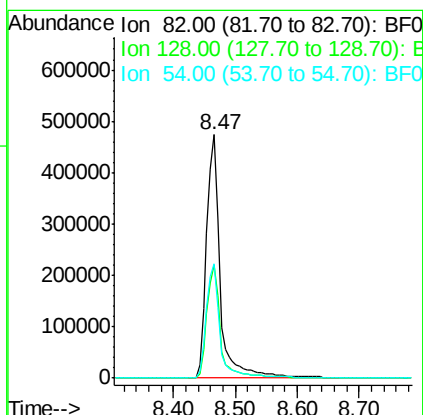
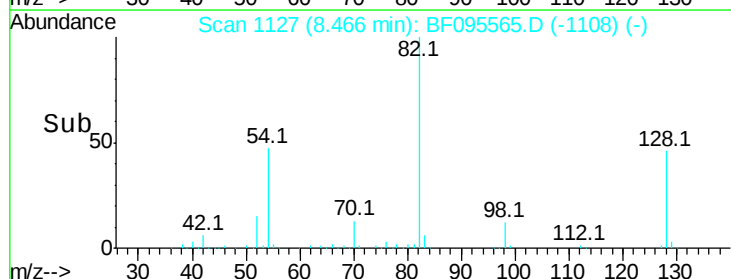
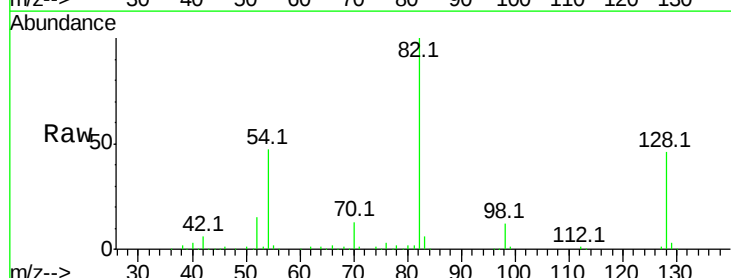
Instrument :  
BNA\_F  
ClientSampled :

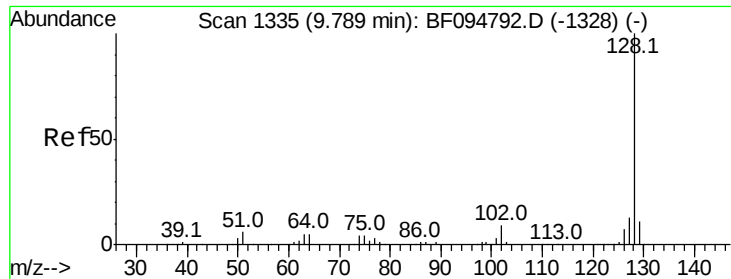
|             |       |             |
|-------------|-------|-------------|
| Tot Ion:136 | Resp: | 464478      |
| Ion         | Ratio | Lower Upper |
| 136         | 100   |             |
| 137         | 10.5  | 8.5 12.7    |
| 54          | 7.0   | 4.9 7.3     |
| 68          | 5.4   | 4.1 6.1     |



#23  
Nitrobenzene-d5  
Concen: 99.49 ng  
RT: 8.47 min Scan# 1127  
Delta R.T. -0.19 min  
Lab File: BF095565.D  
Acq: 31 May 2017 15:51

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 82 | Resp: | 732795      |
| Ion         | Ratio | Lower Upper |
| 82          | 100   |             |
| 128         | 46.2  | 34.0 51.0   |
| 54          | 47.2  | 42.2 63.2   |

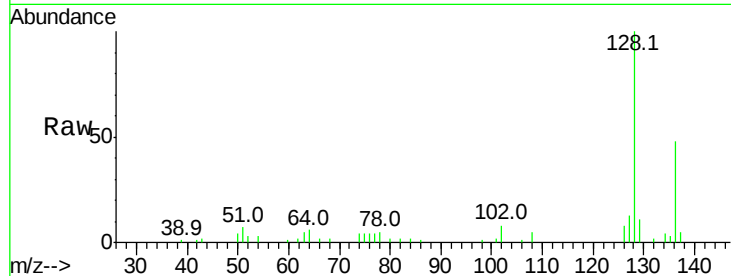




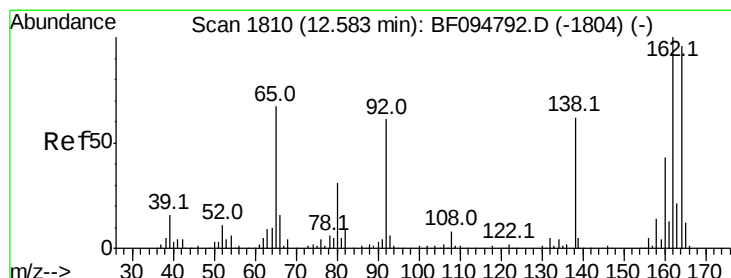
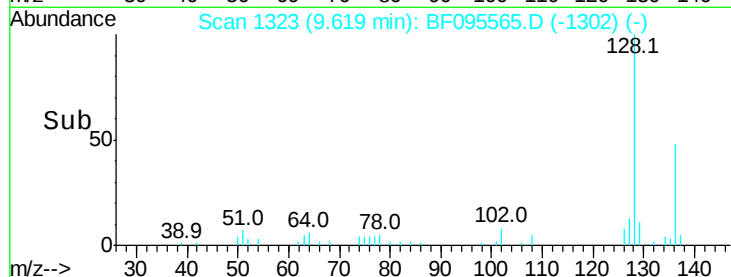
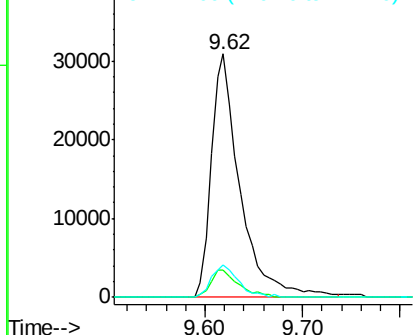
#31  
Naphthalene  
Concen: 2.69 ng  
RT: 9.62 min Scan# 1323  
Delta R.T. -0.18 min  
Lab File: BF095565.D  
Acq: 31 May 2017 15:51

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:128 Resp: 62853  
Ion Ratio Lower Upper  
128 100  
129 11.0 9.0 13.6  
127 13.1 10.8 16.2

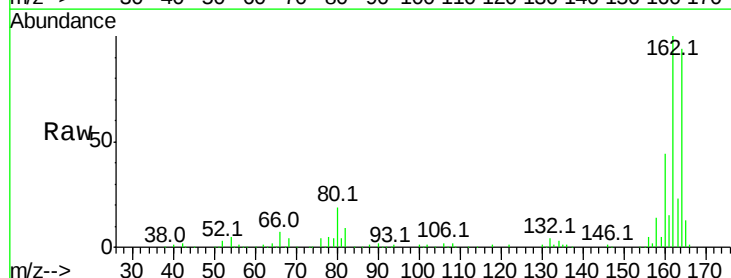


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

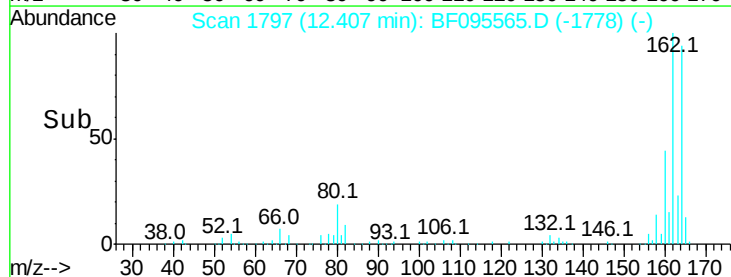
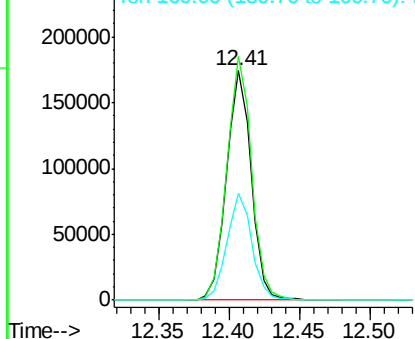


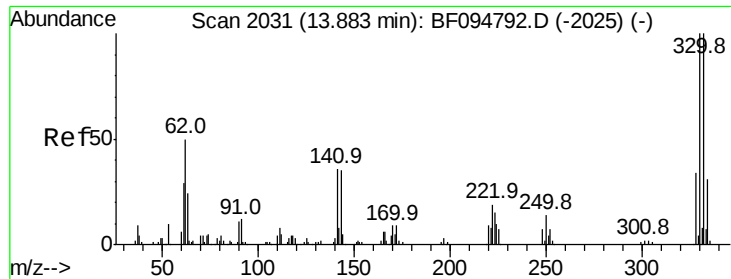
#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 12.41 min Scan# 1797  
Delta R.T. -0.19 min  
Lab File: BF095565.D  
Acq: 31 May 2017 15:51

Tgt Ion:164 Resp: 212408  
Ion Ratio Lower Upper  
164 100  
162 106.3 82.6 123.8  
160 46.4 36.2 54.2



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

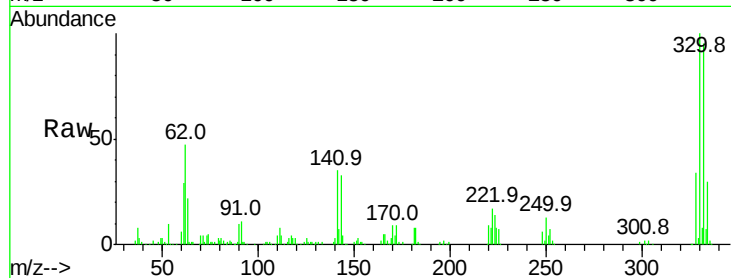




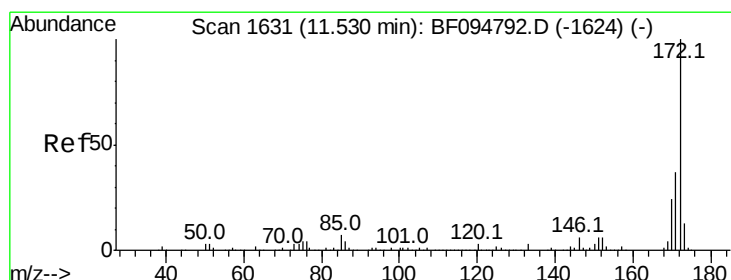
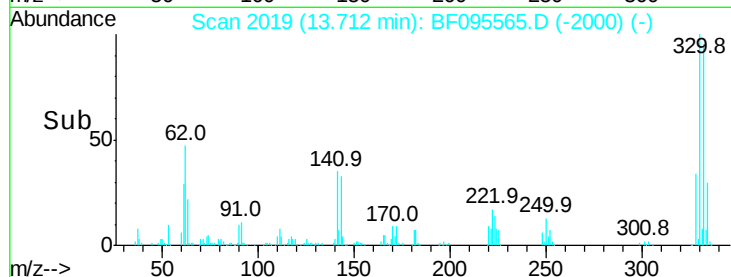
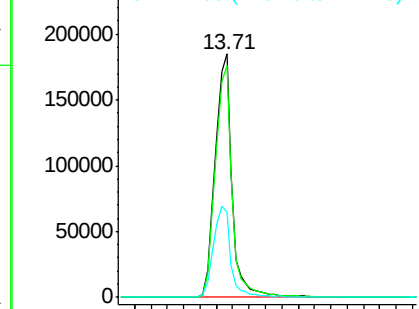
#41  
 2,4,6-Tribromophenol  
 Concen: 152.83 ng  
 RT: 13.71 min Scan# 2019  
 Delta R.T. -0.19 min  
 Lab File: BF095565.D  
 Acq: 31 May 2017 15:51

Instrument :  
 BNA\_F  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 94.9  | 76.6  | 115.0 |
| 141     | 39.0  | 31.4  | 47.2  |

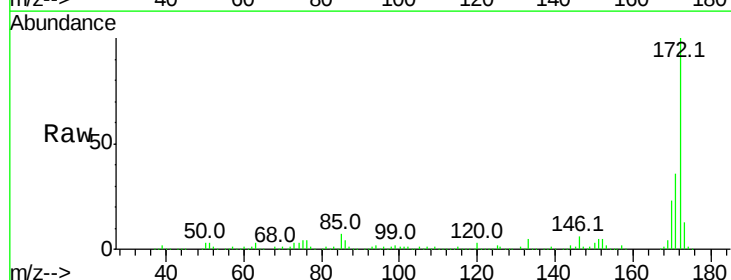


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

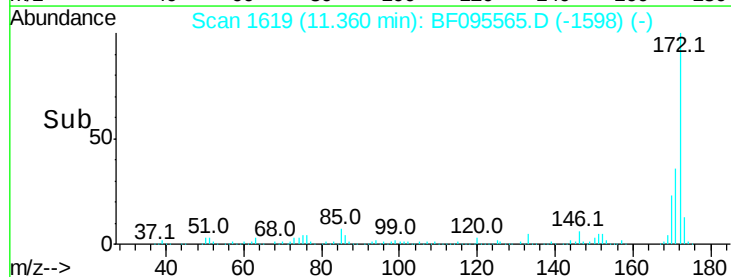
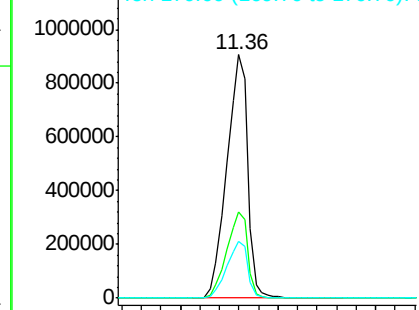


#44  
 2-Fluorobiphenyl  
 Concen: 91.12 ng  
 RT: 11.36 min Scan# 1619  
 Delta R.T. -0.18 min  
 Lab File: BF095565.D  
 Acq: 31 May 2017 15:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.7  | 29.6  | 44.4  |
| 170     | 23.4  | 19.8  | 29.8  |



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





#49

Dimethylphthalate

Concen: 16.12 ng

RT: 12.05 min Scan# 1736

Delta R.T. -0.19 min

Lab File: BF095565.D

Acq: 31 May 2017 15:51

Instrument :

BNA\_F

ClientSampleId :

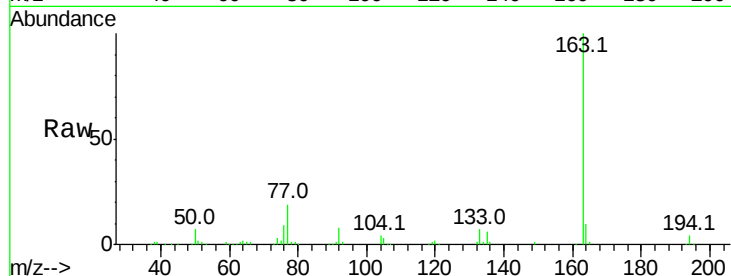
Tot Ion:163 Resp: 281107

Ion Ratio Lower Upper

163 100

194 3.9 2.6 4.0

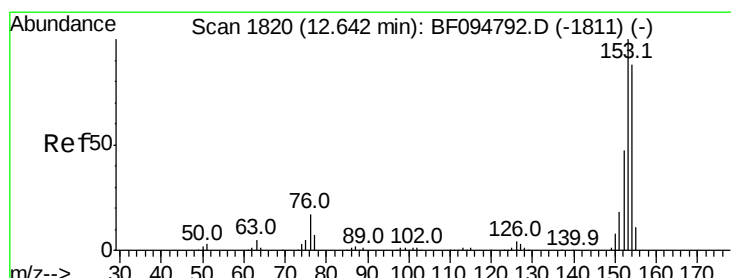
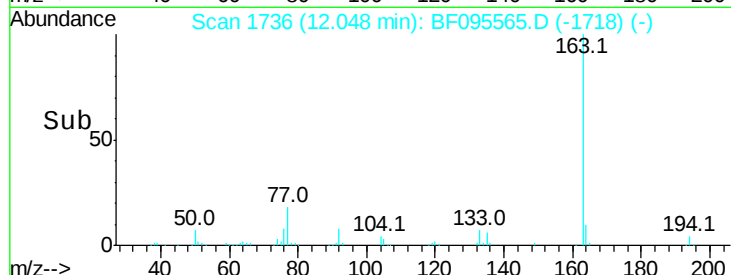
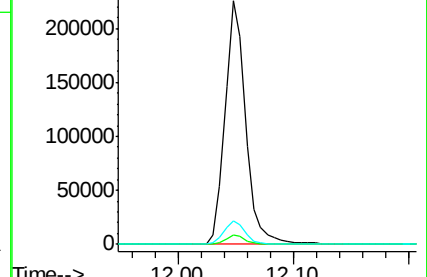
164 9.9 8.4 12.6



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



#51

Acenaphthene

Concen: 4.94 ng

RT: 12.46 min Scan# 1806

Delta R.T. -0.19 min

Lab File: BF095565.D

Acq: 31 May 2017 15:51

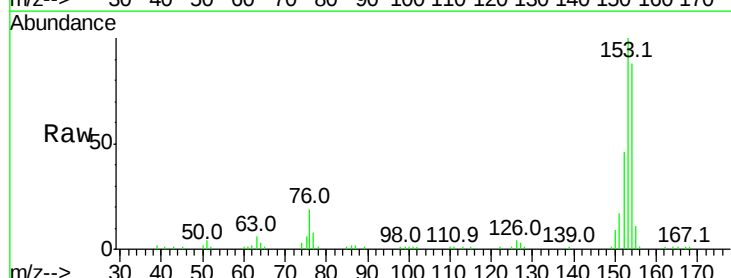
Tgt Ion:154 Resp: 66742

Ion Ratio Lower Upper

154 100

153 113.1 90.5 135.7

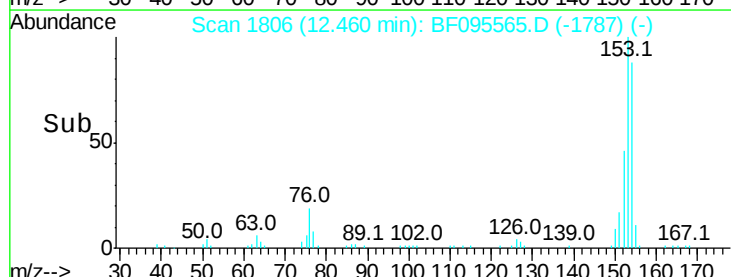
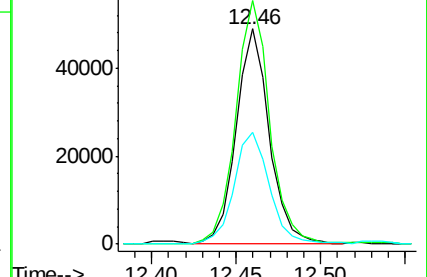
152 51.7 43.6 65.4

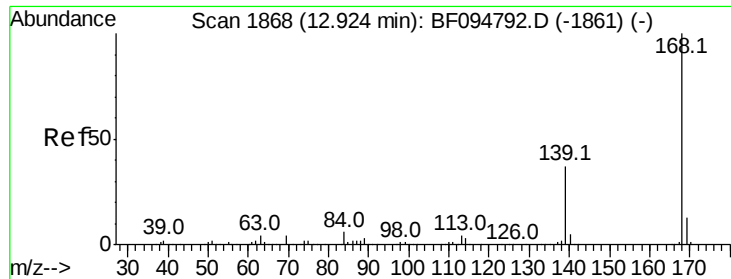


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzofuran

Concen: 3.78 ng

RT: 12.75 min Scan# 1856

Delta R.T. -0.18 min

Lab File: BF095565.D

Acq: 31 May 2017 15:51

Instrument :

BNA\_F

ClientSampleId :

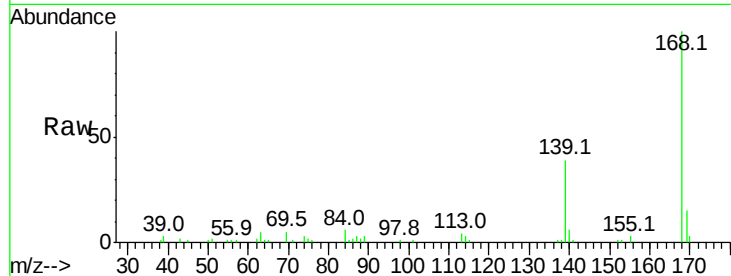
Tot Ion:168 Resp: 70585

Ion Ratio Lower Upper

168 100

139 39.0 30.6 45.8

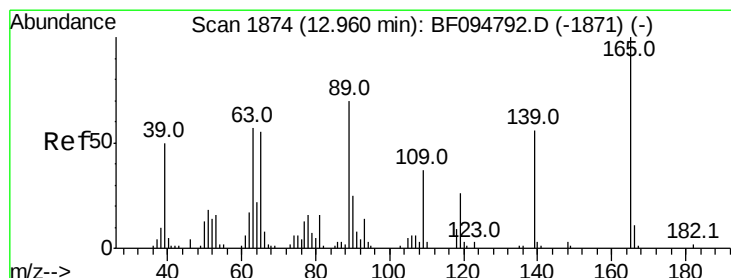
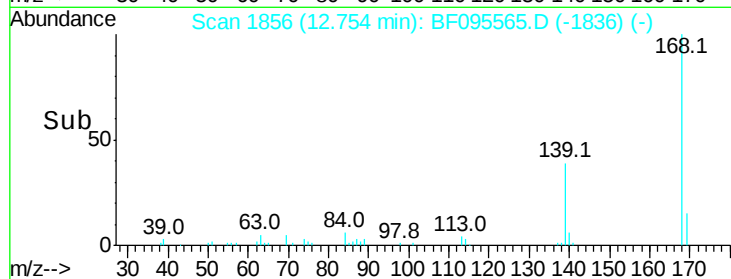
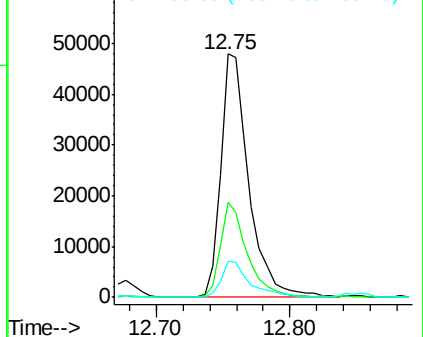
169 14.8 10.8 16.2



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: 11.48 ng

RT: 12.75 min Scan# 1856

Delta R.T. -0.29 min

Lab File: BF095565.D

Acq: 31 May 2017 15:51

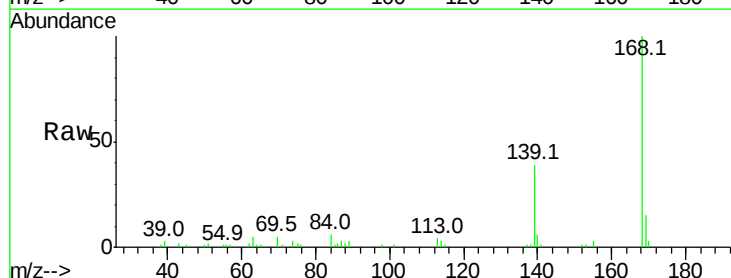
Tgt Ion:139 Resp: 26324

Ion Ratio Lower Upper

139 100

109 0.0 34.1 74.1#

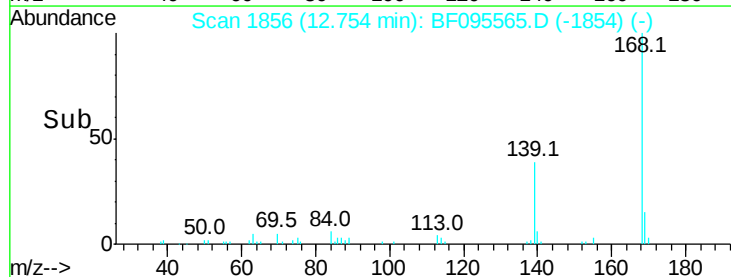
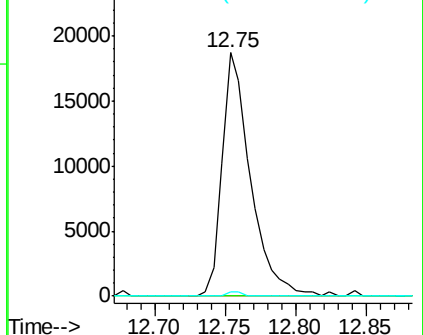
65 1.7 31.4 71.4#

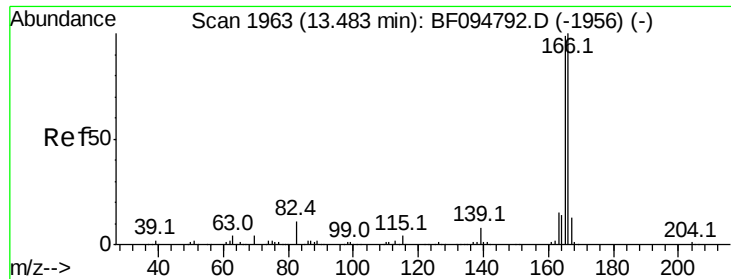


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

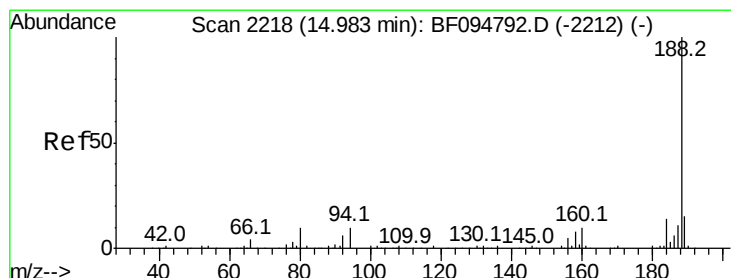
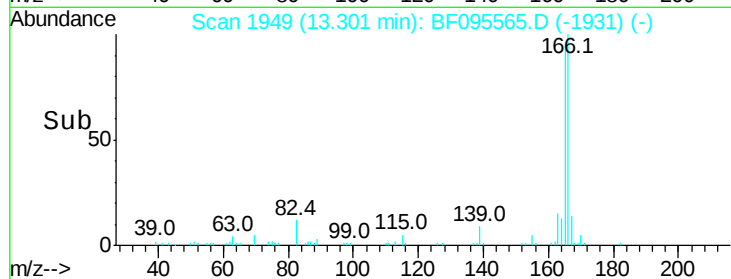
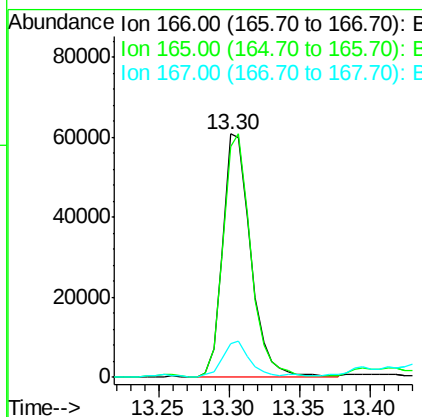
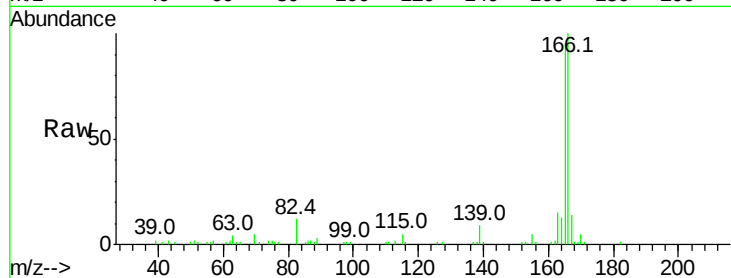




#57  
 Fluorene  
 Concen: 5.21 ng  
 RT: 13.30 min Scan# 1949  
 Delta R.T. -0.19 min  
 Lab File: BF095565.D  
 Acq: 31 May 2017 15:51

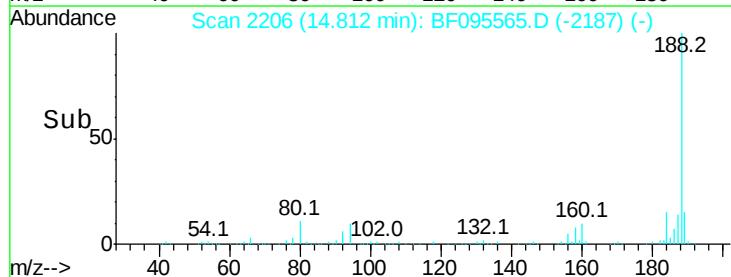
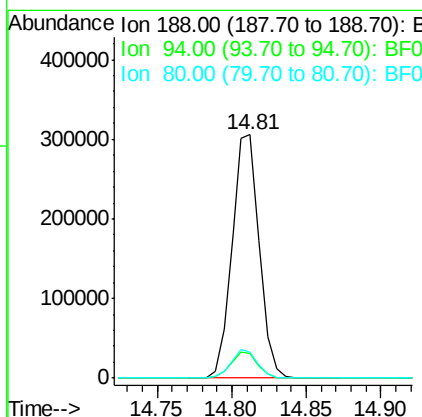
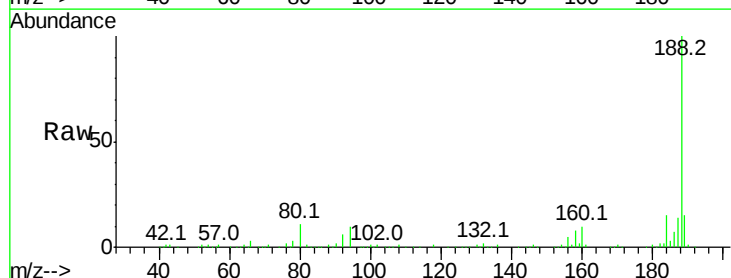
Instrument :  
 BNA\_F  
 ClientSampleId :

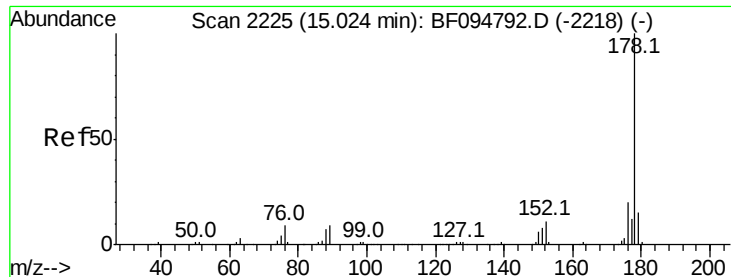
Tot Ion:166 Resp: 84721  
 Ion Ratio Lower Upper  
 166 100  
 165 95.0 78.8 118.2  
 167 14.1 10.6 16.0



#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 14.81 min Scan# 2206  
 Delta R.T. -0.19 min  
 Lab File: BF095565.D  
 Acq: 31 May 2017 15:51

Tgt Ion:188 Resp: 388241  
 Ion Ratio Lower Upper  
 188 100  
 94 10.0 9.4 14.2  
 80 10.9 10.2 15.2





#70

Phenanthrene

Concen: 44.22 ng

RT: 14.85 min Scan# 2212

Delta R.T. -0.19 min

Lab File: BF095565.D

Acq: 31 May 2017 15:51

Instrument :

BNA\_F

ClientSampled :

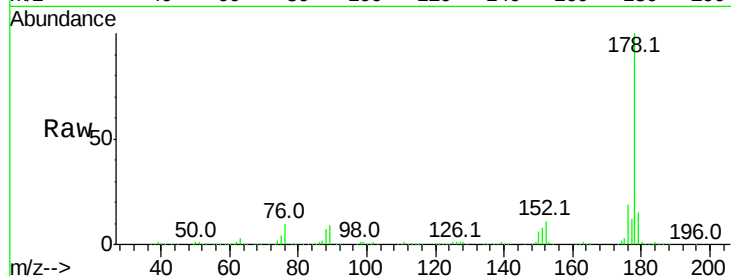
Tot Ion:178 Resp: 986379

Ion Ratio Lower Upper

178 100

176 19.4 16.2 24.4

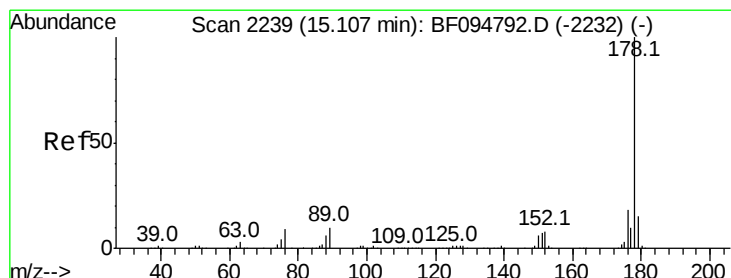
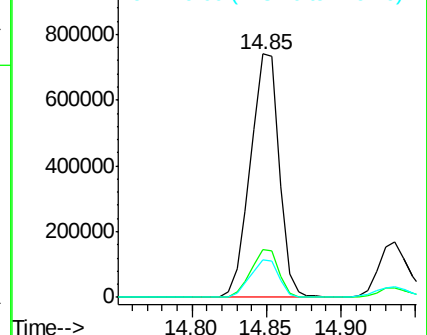
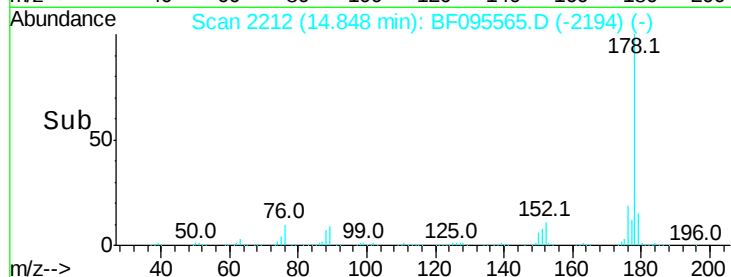
179 15.4 12.6 19.0



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



#71

Anthracene

Concen: 10.21 ng

RT: 14.94 min Scan# 2227

Delta R.T. -0.19 min

Lab File: BF095565.D

Acq: 31 May 2017 15:51

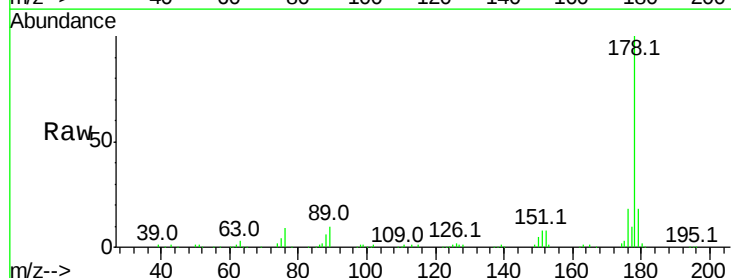
Tgt Ion:178 Resp: 232651

Ion Ratio Lower Upper

178 100

176 17.8 15.8 23.8

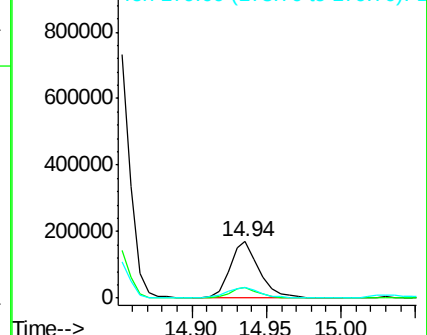
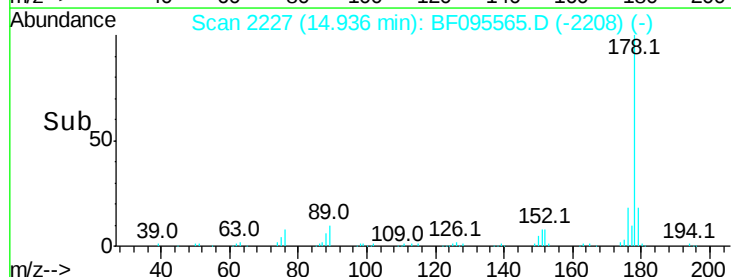
179 18.2 12.7 19.1

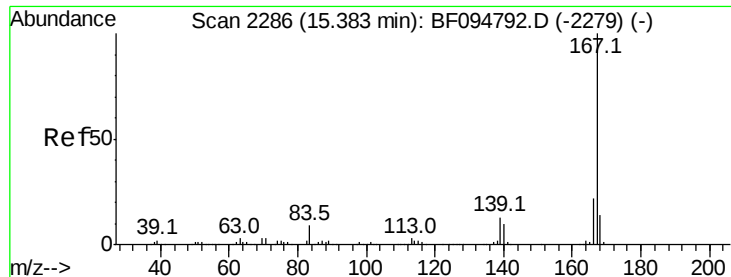


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 4.38 ng

RT: 15.23 min Scan# 2277

Delta R.T. -0.18 min

Lab File: BF095565.D

Acq: 31 May 2017 15:51

Instrument :

BNA\_F

ClientSampleId :

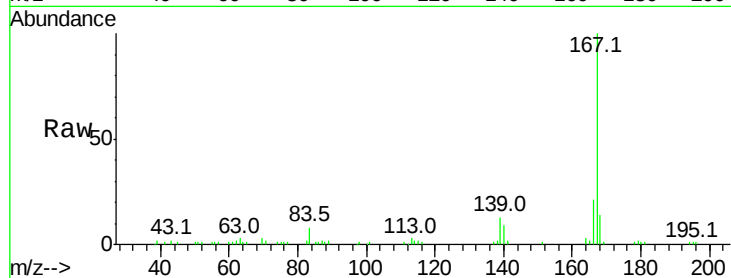
Tot Ion:167 Resp: 90875

Ion Ratio Lower Upper

167 100

166 21.4 18.1 27.1

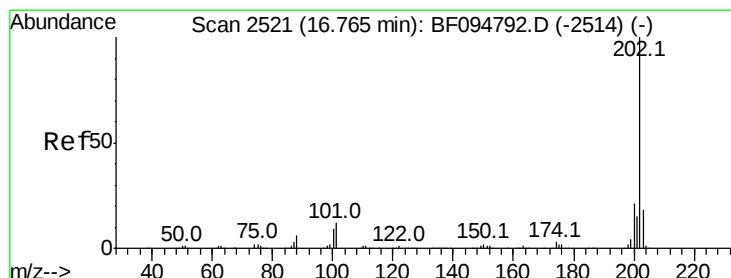
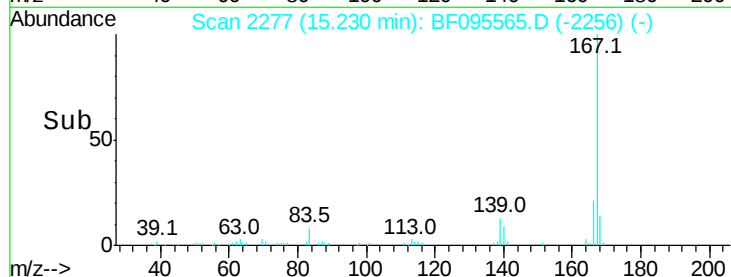
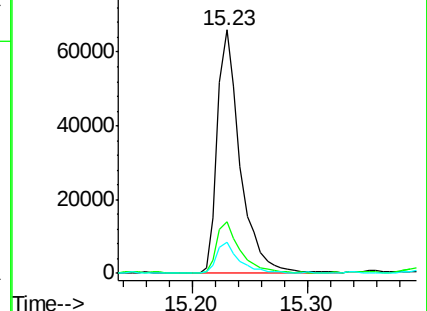
139 12.6 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 35.87 ng

RT: 16.61 min Scan# 2512

Delta R.T. -0.17 min

Lab File: BF095565.D

Acq: 31 May 2017 15:51

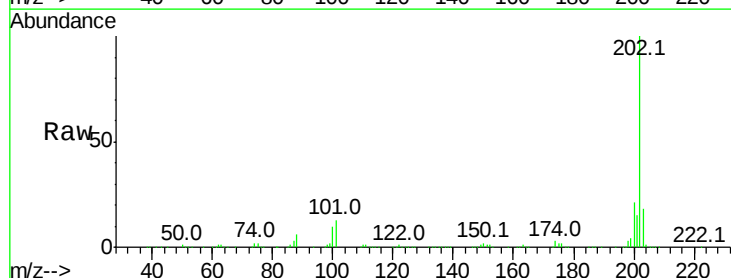
Tgt Ion:202 Resp: 820835

Ion Ratio Lower Upper

202 100

101 13.4 0.0 33.2

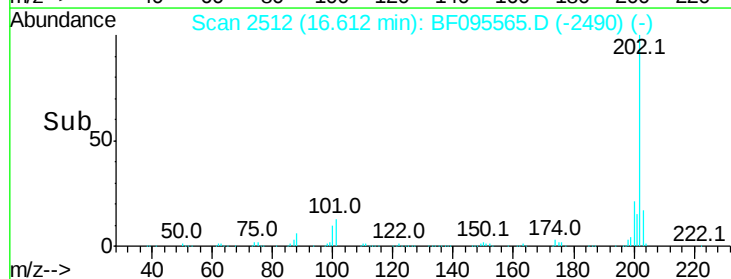
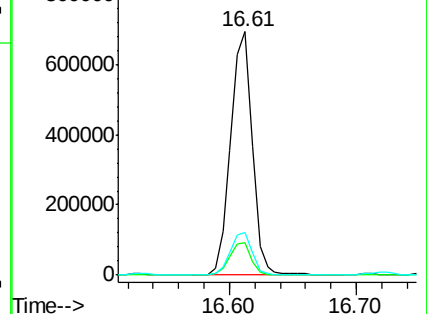
203 17.5 0.0 38.1

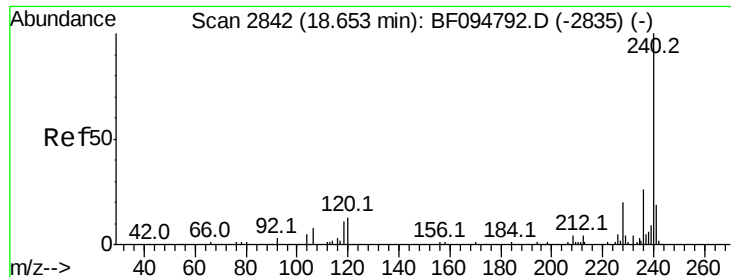


Abundance Ion 202.00 (201.70 to 202.70): E

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: 18.51 min Scan# 2834

Delta R.T. -0.17 min

Lab File: BF095565.D

Acq: 31 May 2017 15:51

Instrument :

BNA\_F

ClientSampleId :

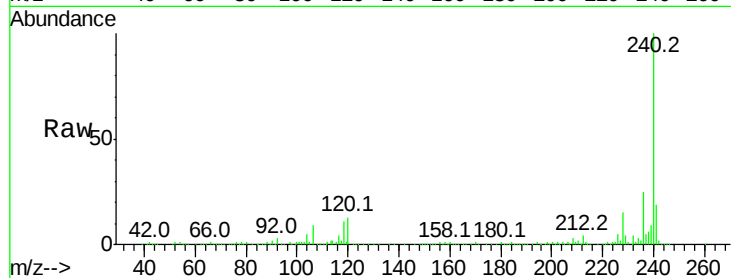
Tot Ion:240 Resp: 285367

Ion Ratio Lower Upper

240 100

120 13.2 5.8 8.8#

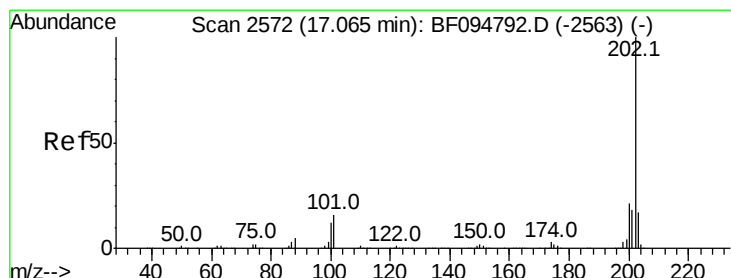
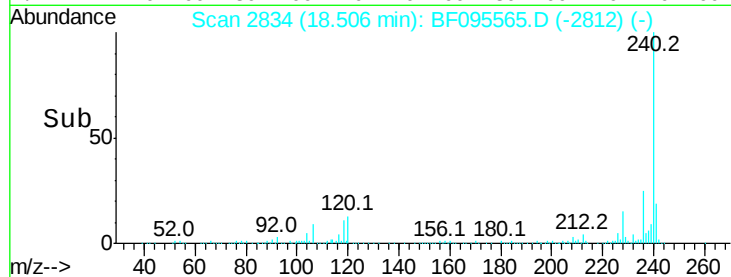
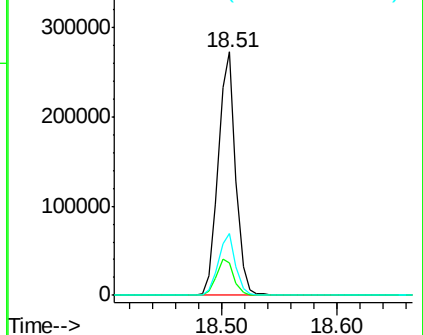
236 25.3 20.5 30.7



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: 34.04 ng

RT: 16.91 min Scan# 2563

Delta R.T. -0.18 min

Lab File: BF095565.D

Acq: 31 May 2017 15:51

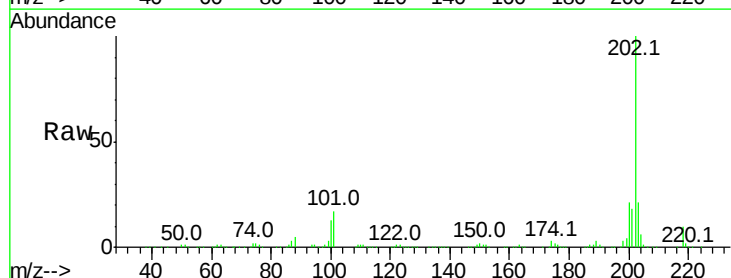
Tgt Ion:202 Resp: 726586

Ion Ratio Lower Upper

202 100

200 21.0 17.6 26.4

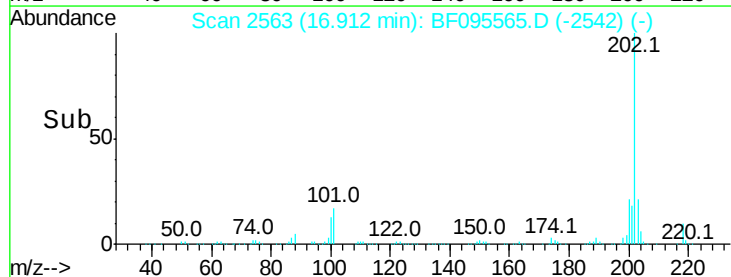
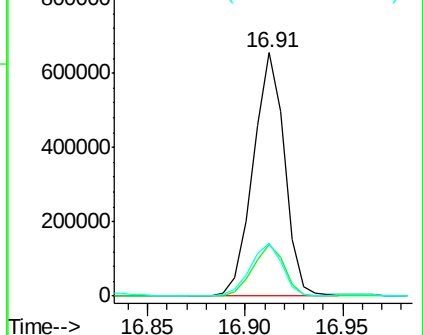
203 21.5 14.4 21.6

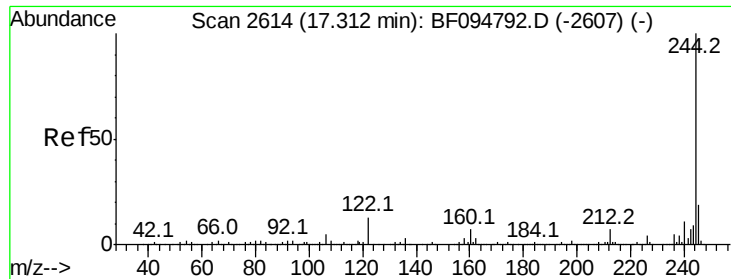


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

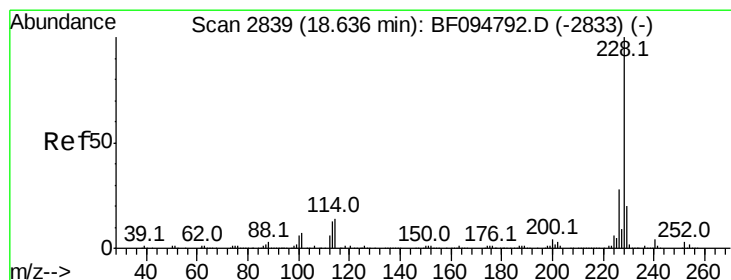
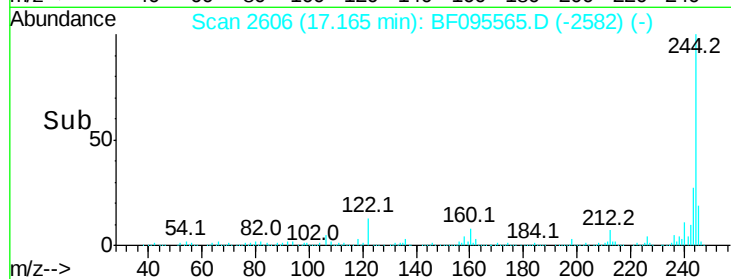
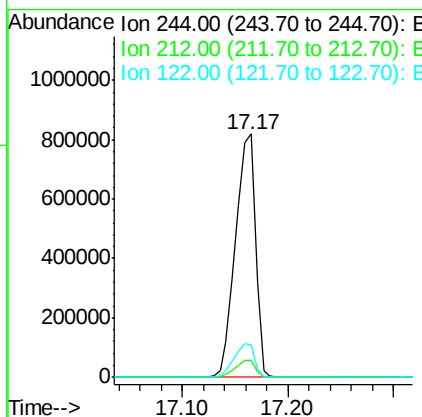
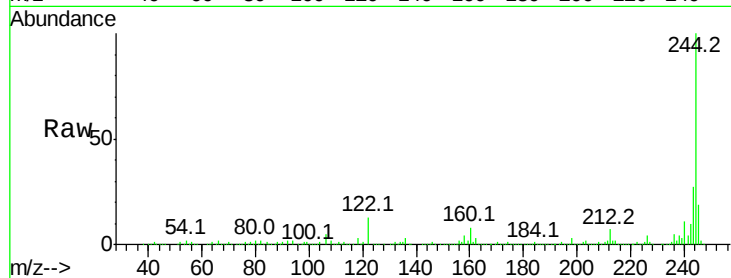




#78  
 Terphenyl-d14  
 Concen: 82.37 ng  
 RT: 17.17 min Scan# 2606  
 Delta R.T. -0.16 min  
 Lab File: BF095565.D  
 Acq: 31 May 2017 15:51

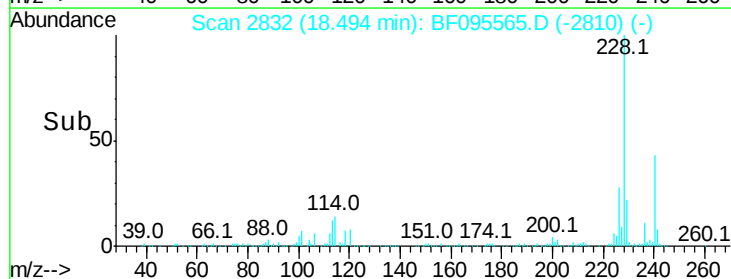
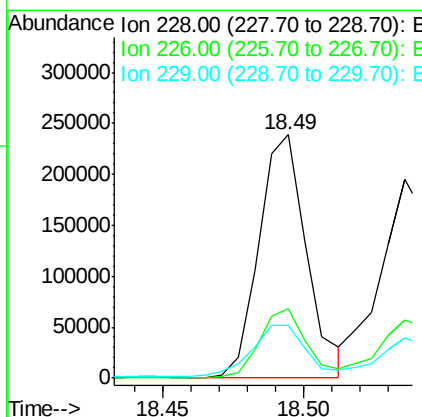
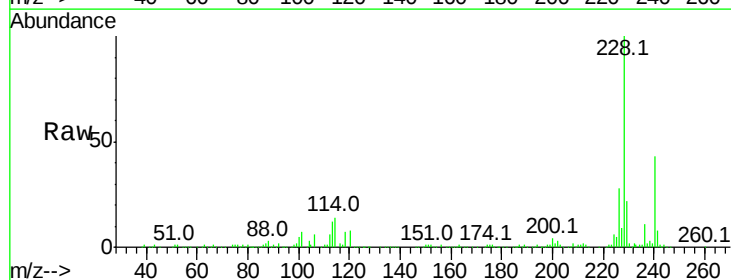
Instrument :  
 BNA\_F  
 ClientSampled :

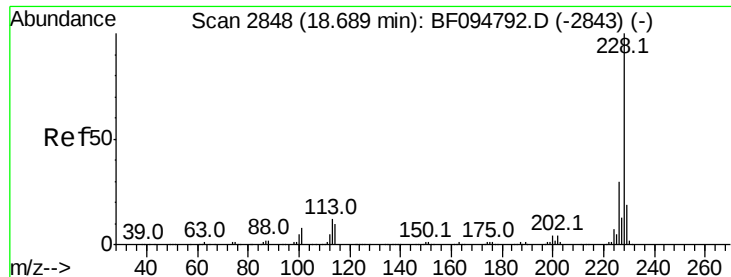
Tot Ion:244 Resp: 1067174  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 6.0 9.0  
 122 13.4 10.3 15.5



#80  
 Benzo(a)anthracene  
 Concen: 16.79 ng  
 RT: 18.49 min Scan# 2832  
 Delta R.T. -0.17 min  
 Lab File: BF095565.D  
 Acq: 31 May 2017 15:51

Tgt Ion:228 Resp: 278846  
 Ion Ratio Lower Upper  
 228 100  
 226 28.4 22.6 33.8  
 229 21.8 16.3 24.5





#82

Chrysene

Concen: 16.11 ng

RT: 18.54 min Scan# 2839

Delta R.T. -0.18 min

Lab File: BF095565.D

Acq: 31 May 2017 15:51

Instrument :

BNA\_F

ClientSampleId :

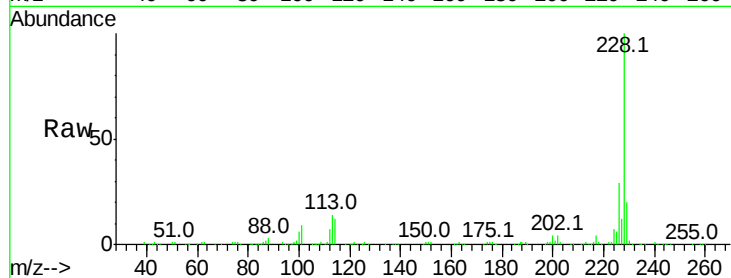
Tot Ion:228 Resp: 258690

Ion Ratio Lower Upper

228 100

226 29.4 24.9 37.3

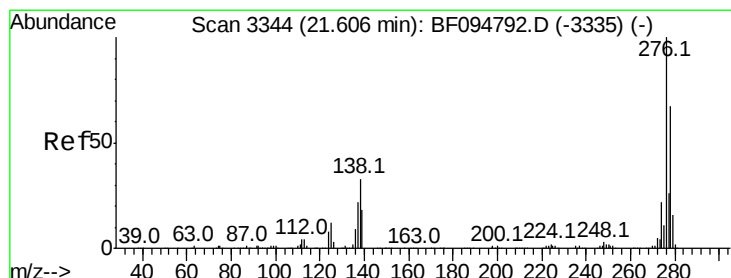
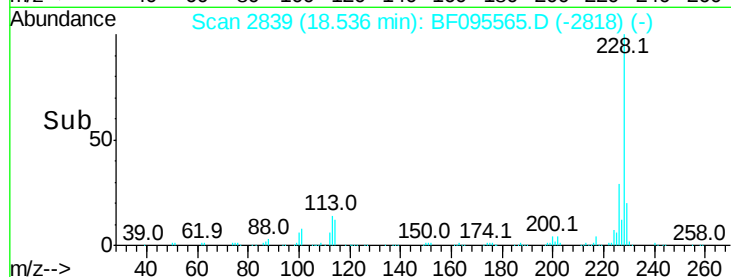
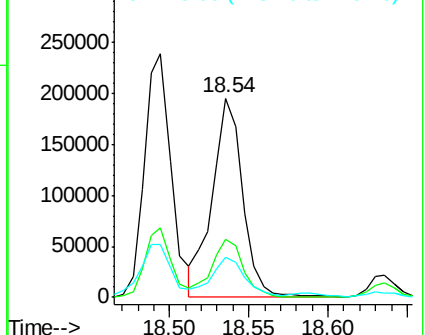
229 20.3 15.8 23.6



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 6.82 ng

RT: 21.42 min Scan# 3330

Delta R.T. -0.26 min

Lab File: BF095565.D

Acq: 31 May 2017 15:51

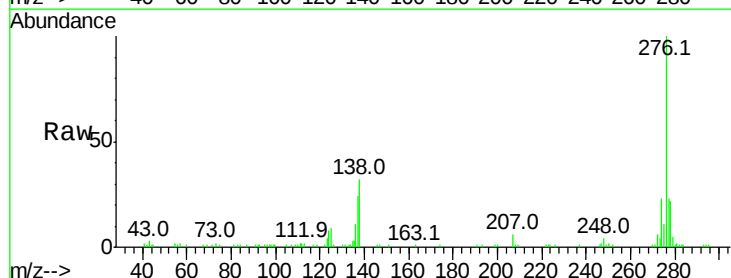
Tgt Ion:276 Resp: 88978

Ion Ratio Lower Upper

276 100

138 30.3 27.8 41.6

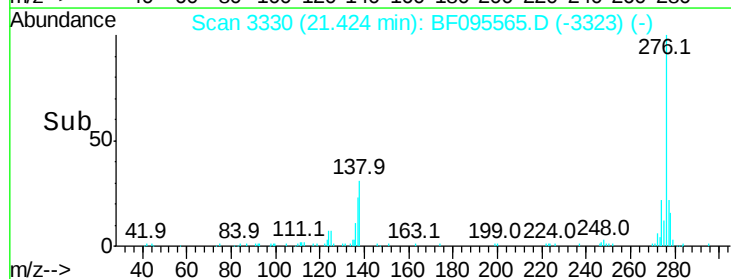
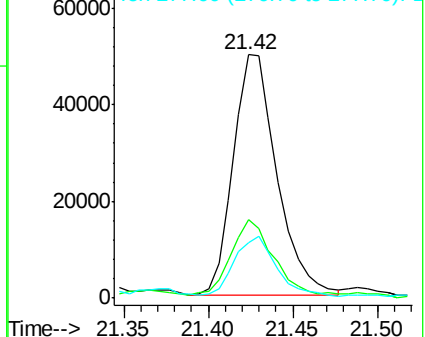
277 24.1 20.2 30.4

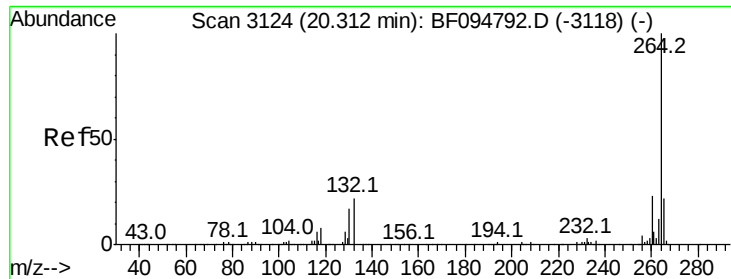


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

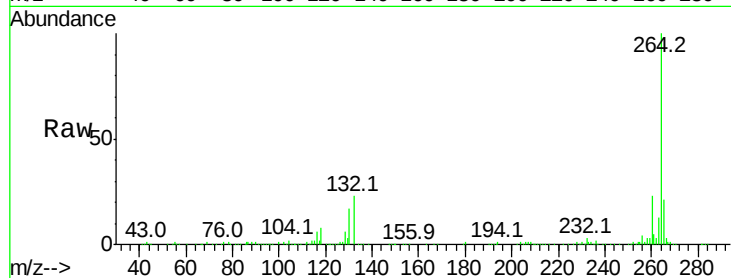




#86  
Pervlene-d12  
Concen: 20.00 ng  
RT: 20.18 min Scan# 3118  
Delta R.T. -0.18 min  
Lab File: BF095565.D  
Acq: 31 May 2017 15:51

Instrument :  
BNA\_F  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.7  | 19.5  | 29.3  |
| 265     | 21.1  | 17.2  | 25.8  |

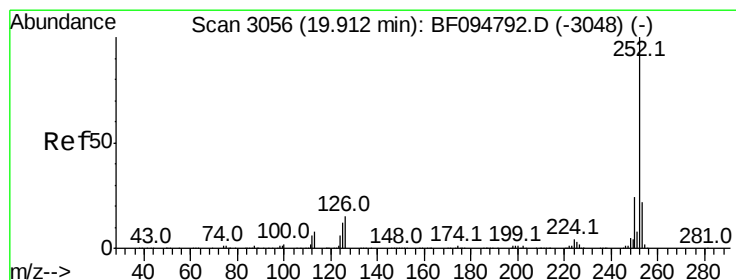
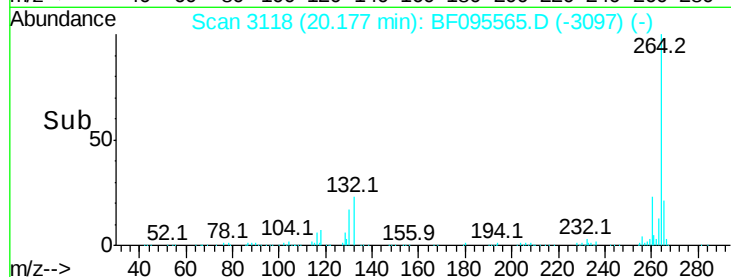
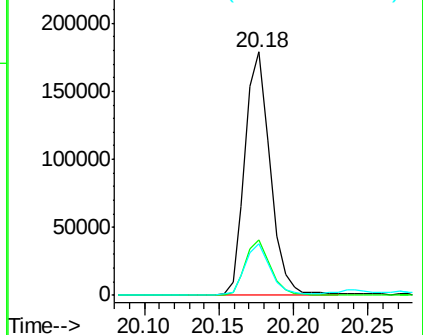


Abundance

Ion 264.00 (263.70 to 264.70): E

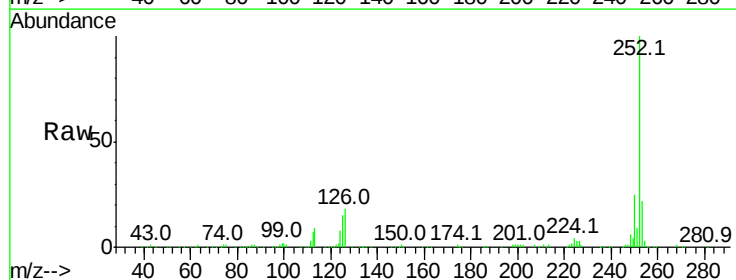
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87  
Benzo(b)fluoranthene  
Concen: 16.72 ng  
RT: 19.77 min Scan# 3049  
Delta R.T. -0.17 min  
Lab File: BF095565.D  
Acq: 31 May 2017 15:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.7  | 18.1  | 27.1  |
| 125     | 14.6  | 9.8   | 14.8  |

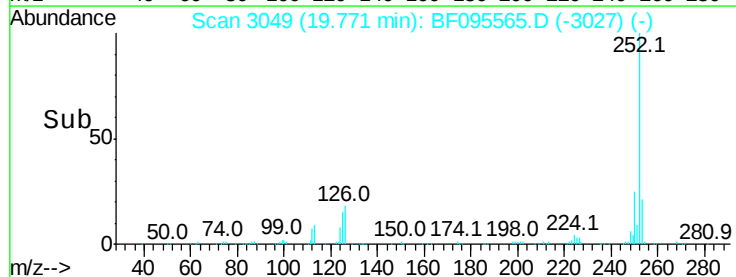
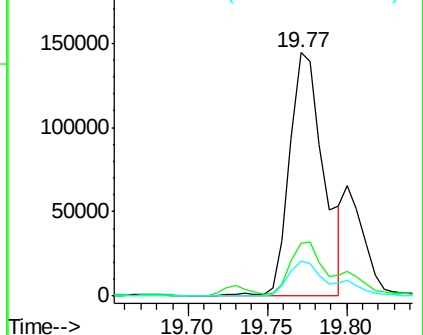


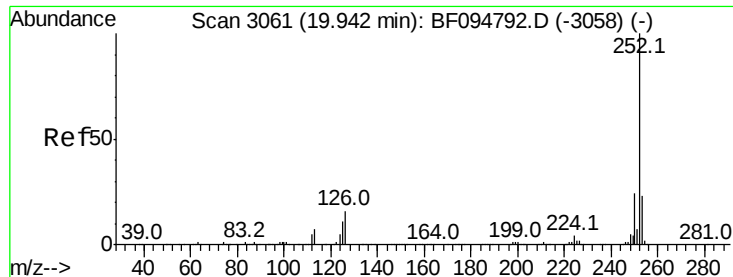
Abundance

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

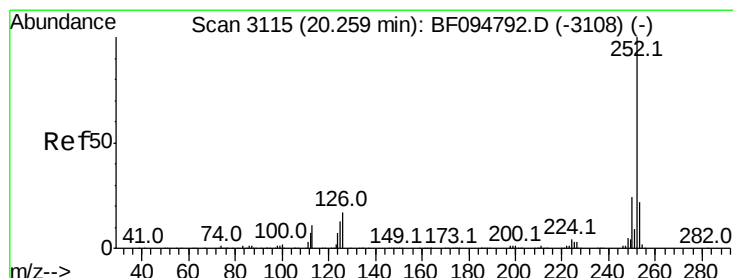
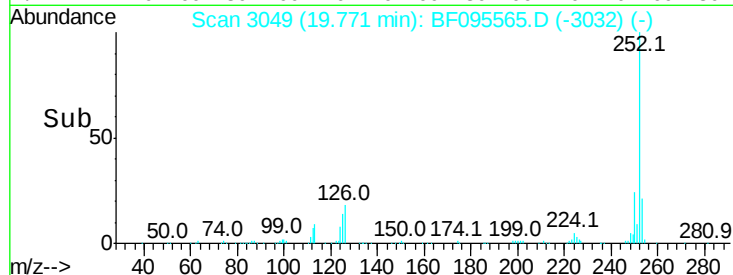
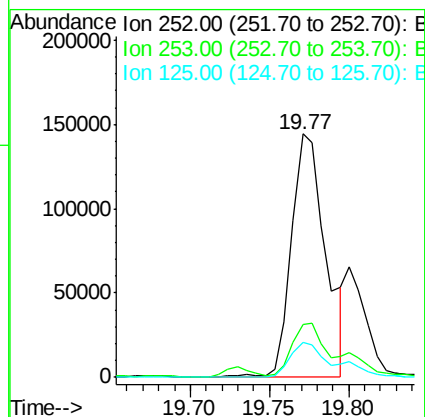
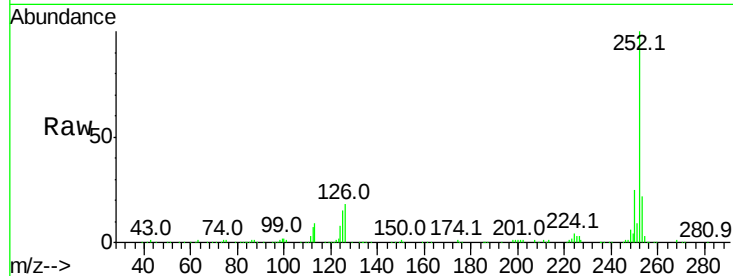




#88  
Benzo(k)fluoranthene  
Concen: 17.34 ng  
RT: 19.77 min Scan# 3049  
Delta R.T. -0.20 min  
Lab File: BF095565.D  
Acq: 31 May 2017 15:51

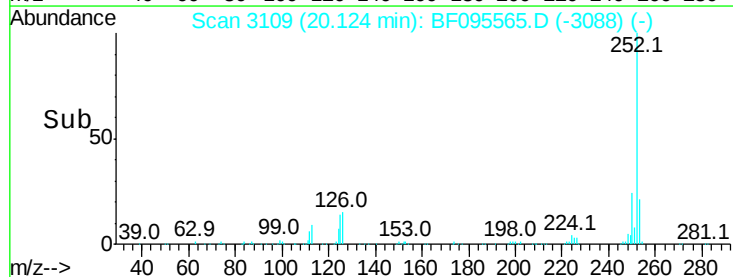
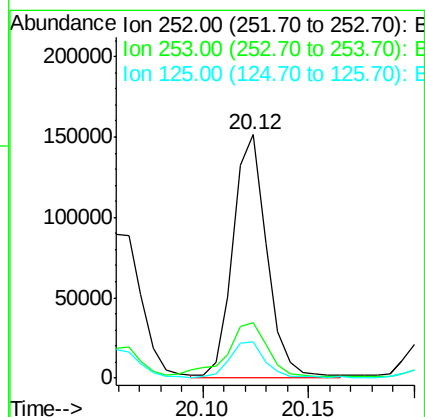
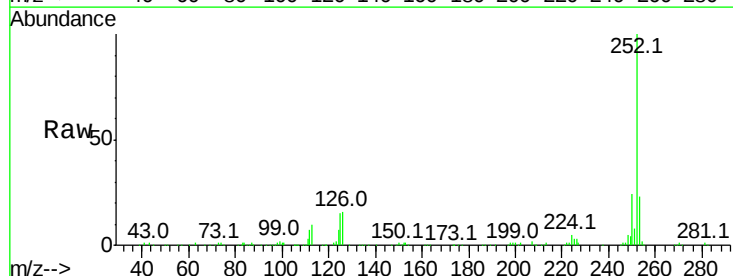
Instrument :  
BNA\_F  
ClientSampleId :

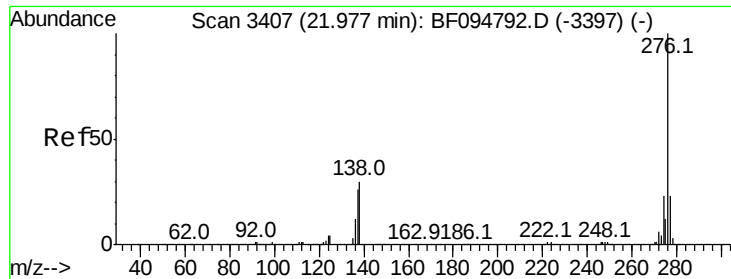
Tot Ion:252 Resp: 217468  
Ion Ratio Lower Upper  
252 100  
253 21.7 18.4 27.6  
125 14.6 13.1 19.7



#89  
Benzo(a)pyrene  
Concen: 13.90 ng  
RT: 20.12 min Scan# 3109  
Delta R.T. -0.18 min  
Lab File: BF095565.D  
Acq: 31 May 2017 15:51

Tgt Ion:252 Resp: 166784  
Ion Ratio Lower Upper  
252 100  
253 22.9 17.5 26.3  
125 14.7 11.0 16.4





#91

Benzo(a,h,i)perylene

Concen: 8.85 ng

RT: 21.78 min Scan# 3391

Delta R.T. -0.29 min

Lab File: BF095565.D

Acq: 31 May 2017 15:51

Instrument :

BNA\_F

ClientSampleId :

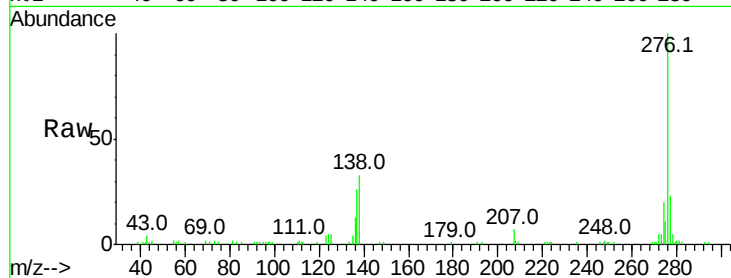
Tot Ion: 276 Resp: 86033

Ion Ratio Lower Upper

276 100

277 22.7 18.6 28.0

138 32.5 25.4 38.0



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

