

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042417\  
 Data File : BF094587.D  
 Acq On : 24 Apr 2017 16:09  
 Operator : SJ/MA  
 Sample : I2780-07DL 20X  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PE-4DL

Quant Time: Apr 25 05:20:34 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 17 14:59:23 2017  
 Response via : Initial Calibration

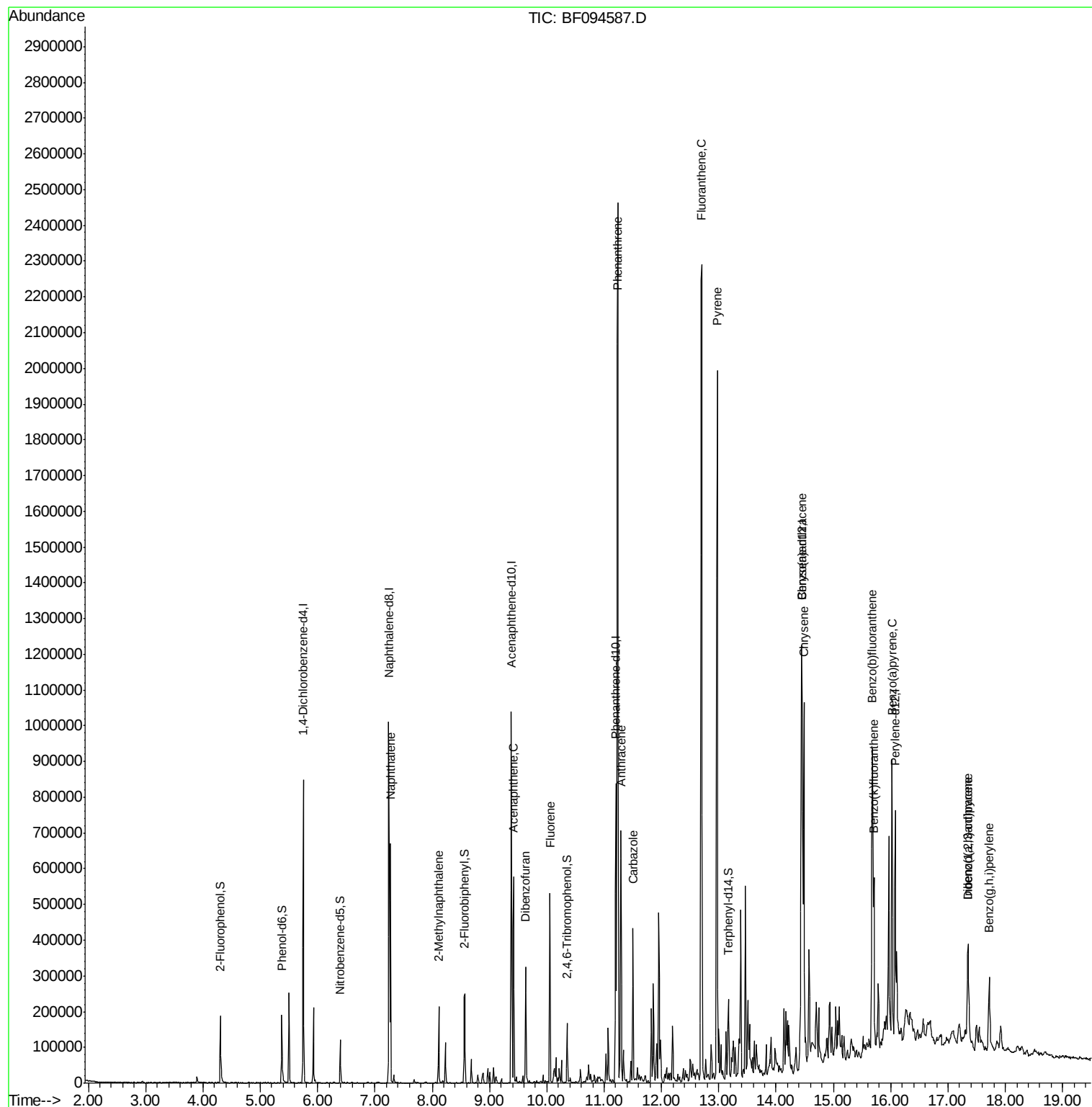
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 5.75  | 152  | 133248   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8          | 7.25  | 136  | 520658   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10        | 9.38  | 164  | 219645   | 20.00 | ng    | -0.02    |
| 63) Phenanthrene-d10        | 11.20 | 188  | 350788   | 20.00 | ng    | -0.02    |
| 75) Chrysene-d12            | 14.45 | 240  | 254673   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12            | 16.08 | 264  | 252331   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 4.30  | 112  | 64412    | 8.02  | ng    | 0.00     |
| 7) Phenol-d6                | 5.37  | 99   | 79174    | 8.36  | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 6.40  | 82   | 45330    | 5.38  | ng    | -0.02    |
| 41) 2,4,6-Tribromophenol    | 10.35 | 330  | 11148    | 6.49  | ng    | -0.02    |
| 44) 2-Fluorobiphenyl        | 8.57  | 172  | 90177    | 6.04  | ng    | -0.02    |
| 78) Terphenyl-d14           | 13.17 | 244  | 53899    | 5.66  | ng    | -0.03    |
| Target Compounds            |       |      |          |       |       | Qvalue   |
| 31) Naphthalene             | 7.27  | 128  | 300429   | 12.00 | ng    | 98       |
| 37) 2-Methylnaphthalene     | 8.11  | 142  | 64472    | 3.76  | ng    | 98       |
| 51) Acenaphthene            | 9.42  | 154  | 125584   | 9.43  | ng    | 97       |
| 54) Dibenzofuran            | 9.63  | 168  | 139009   | 7.18  | ng    | 98       |
| 57) Fluorene                | 10.05 | 166  | 160702   | 10.66 | ng    | 98       |
| 70) Phenanthrene            | 11.24 | 178  | 1053255  | 53.32 | ng    | 98       |
| 71) Anthracene              | 11.29 | 178  | 300626   | 14.71 | ng    | 97       |
| 72) Carbazole               | 11.50 | 167  | 173033   | 9.02  | ng    | 96       |
| 74) Fluoranthene            | 12.70 | 202  | 1166890  | 57.00 | ng    | 99       |
| 77) Pyrene                  | 12.97 | 202  | 962798   | 54.11 | ng    | 97       |
| 80) Benzo(a)anthracene      | 14.44 | 228  | 467980   | 31.61 | ng    | 99       |
| 82) Chrysene                | 14.48 | 228  | 436502   | 32.27 | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene  | 17.35 | 276  | 151027   | 11.73 | ng    | 97       |
| 87) Benzo(b)fluoranthene    | 15.68 | 252  | 468118m  | 30.33 | ng    |          |
| 88) Benzo(k)fluoranthene    | 15.71 | 252  | 176531m  | 12.08 | ng    |          |
| 89) Benzo(a)pyrene          | 16.02 | 252  | 333965   | 23.26 | ng    | 98       |
| 90) Dibenzo(a,h)anthracene  | 17.35 | 278  | 37681    | 3.16  | ng    | 95       |
| 91) Benzo(g,h,i)perylene    | 17.72 | 276  | 139382   | 11.48 | ng    | 96       |

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

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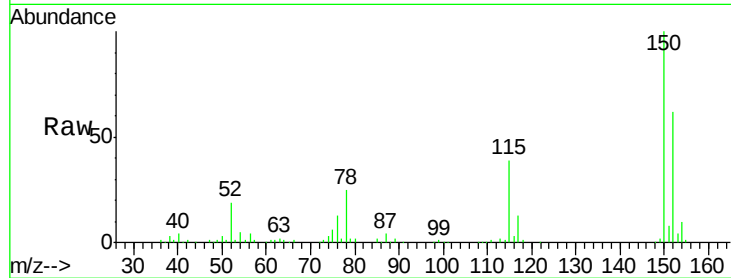


#1

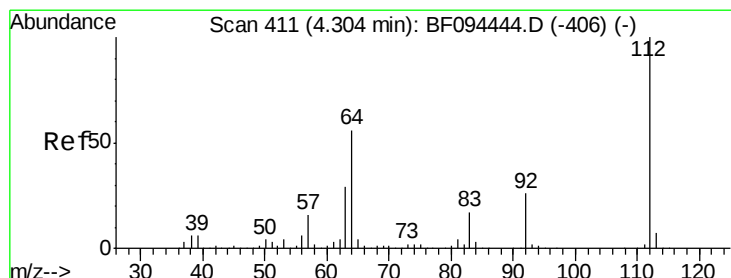
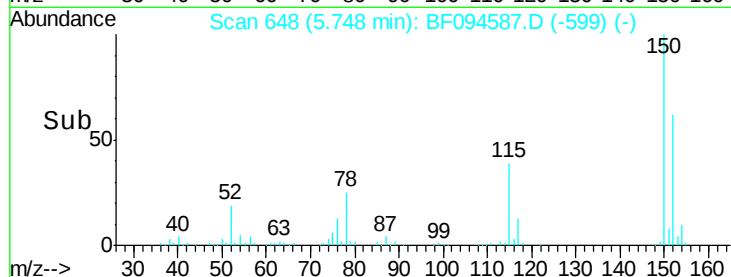
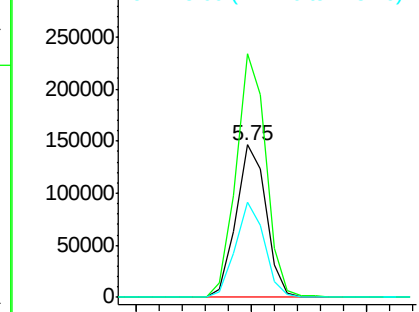
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 5.75 min Scan# 648  
Delta R.T. -0.01 min  
Lab File: BF094587.D  
Acq: 24 Apr 2017 16:09

Instrument :  
BNA\_F  
ClientSampleId :  
PE-4DL

Tot Ion:152 Resp: 133248  
Ion Ratio Lower Upper  
152 100  
150 160.0 126.2 189.2  
115 62.8 52.2 78.2



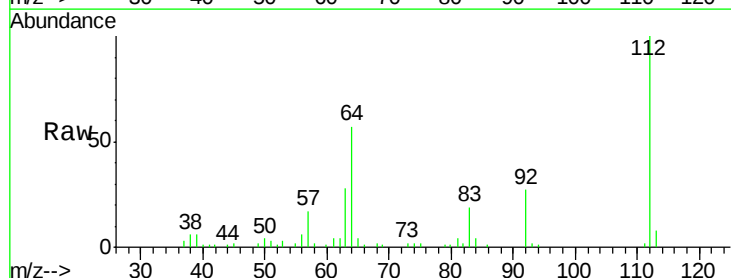
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



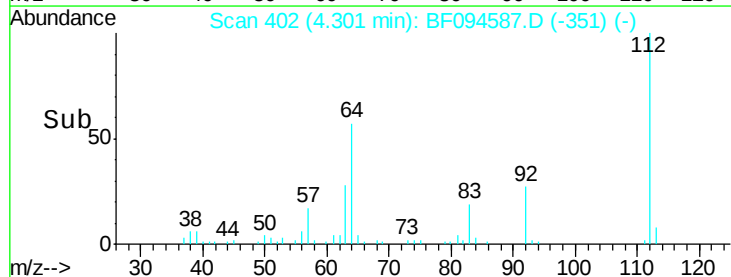
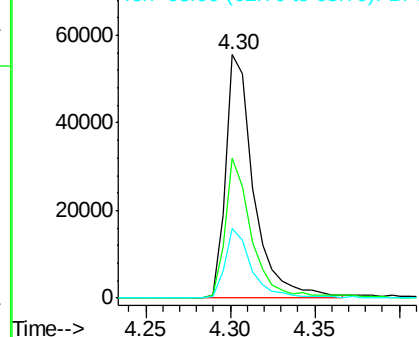
#5

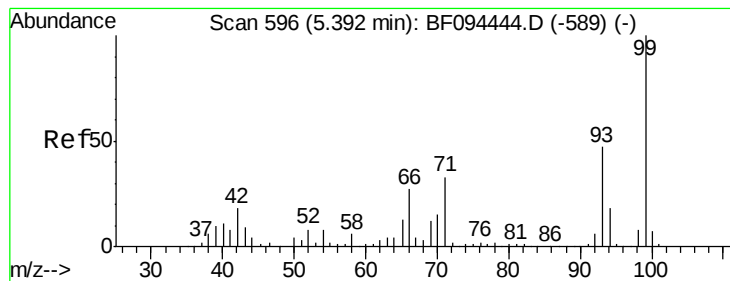
2-Fluorophenol  
Concen: 8.02 ng  
RT: 4.30 min Scan# 402  
Delta R.T. -0.00 min  
Lab File: BF094587.D  
Acq: 24 Apr 2017 16:09

Tgt Ion:112 Resp: 64412  
Ion Ratio Lower Upper  
112 100  
64 57.3 46.0 69.0  
63 28.4 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: 8.36 ng

RT: 5.37 min Scan# 584

Delta R.T. -0.02 min

Lab File: BF094587.D

Acq: 24 Apr 2017 16:09

Instrument :

BNA\_F

ClientSampleId :

PE-4DL

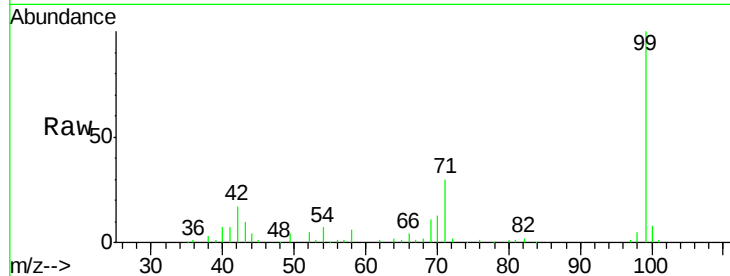
Tot Ion: 99 Resp: 79174

Ion Ratio Lower Upper

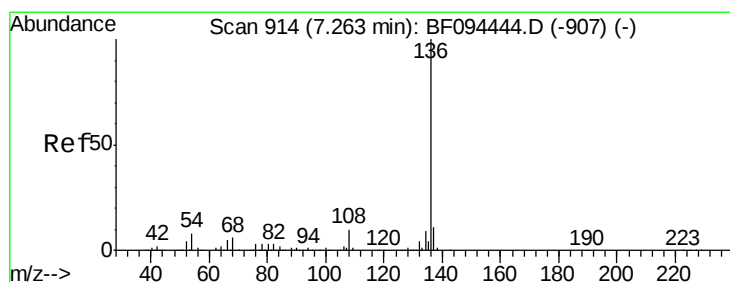
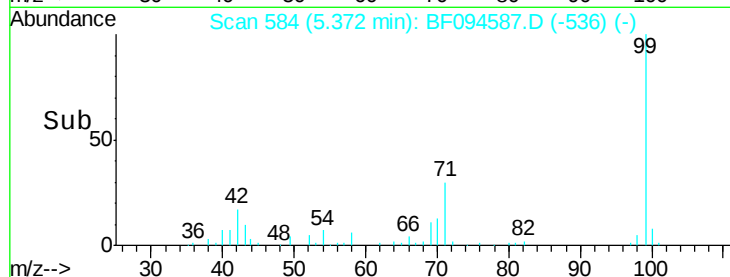
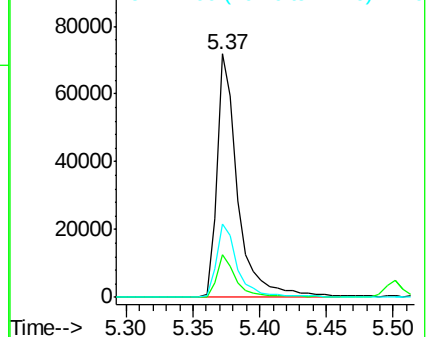
99 100

42 17.4 13.5 20.3

71 30.3 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF094587.D

Acq: 24 Apr 2017 16:09

Tgt Ion: 136 Resp: 520658

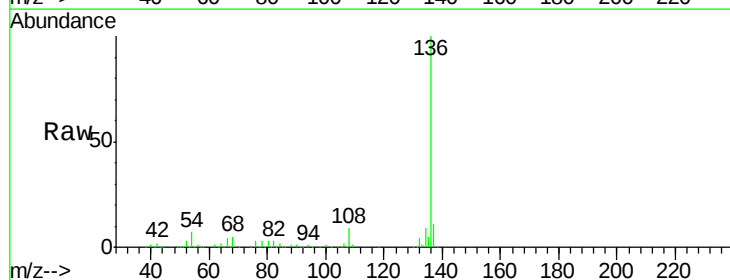
Ion Ratio Lower Upper

136 100

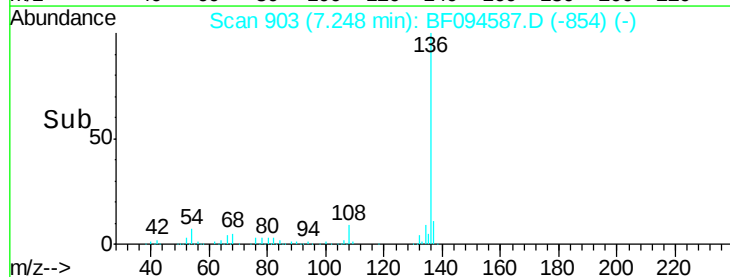
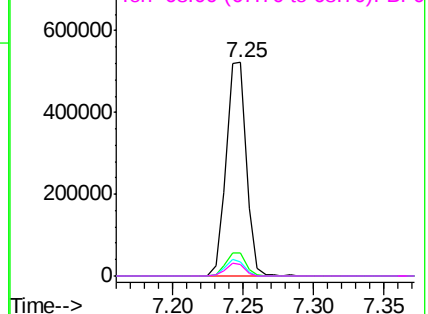
137 10.8 8.5 12.7

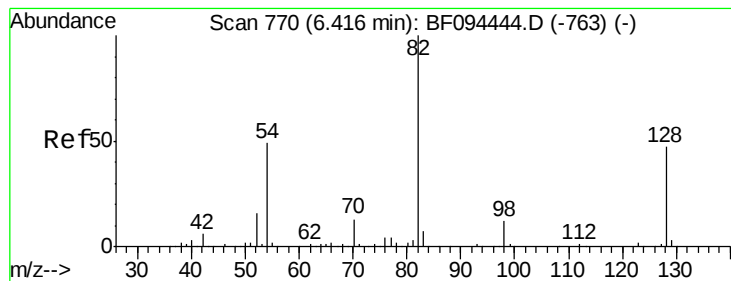
54 6.5 4.9 7.3

68 5.5 4.1 6.1



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): BF0  
Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 5.38 ng

RT: 6.40 min Scan# 758

Delta R.T. -0.02 min

Lab File: BF094587.D

Acq: 24 Apr 2017 16:09

Instrument :

BNA\_F

ClientSampleId :

PE-4DL

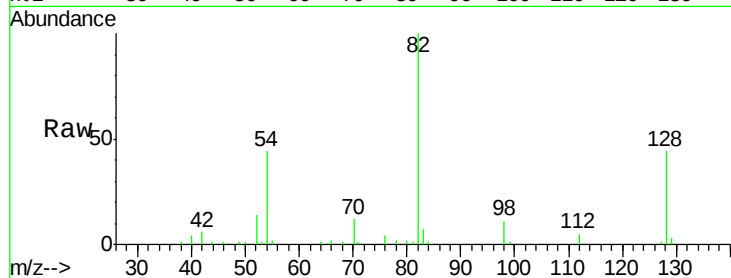
Tot Ion: 82 Resp: 45330

Ion Ratio Lower Upper

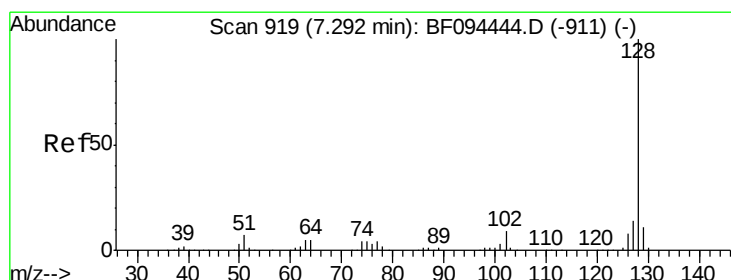
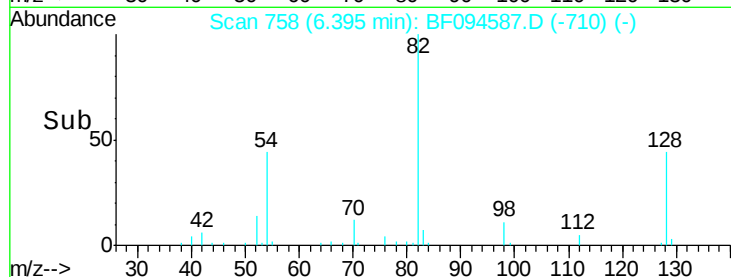
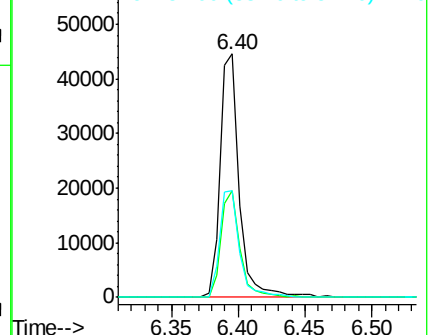
82 100

128 43.8 34.0 51.0

54 43.8 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0  
Ion 128.00 (127.70 to 128.70): E  
Ion 54.00 (53.70 to 54.70): BF0



#31

Naphthalene

Concen: 12.00 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF094587.D

Acq: 24 Apr 2017 16:09

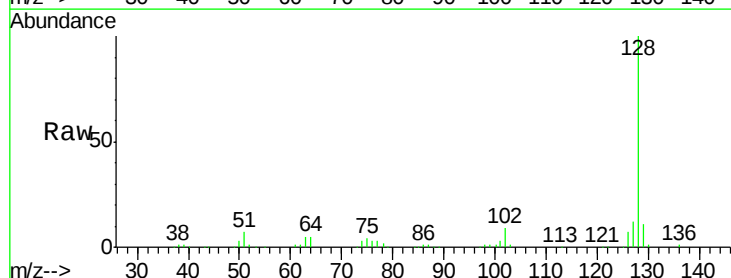
Tgt Ion:128 Resp: 300429

Ion Ratio Lower Upper

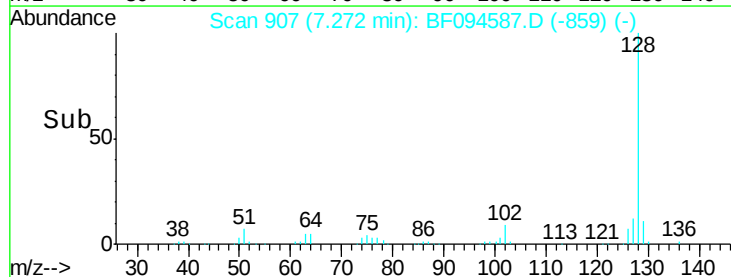
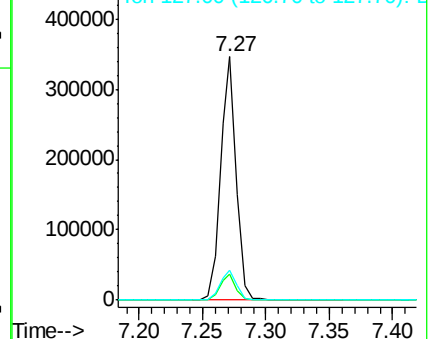
128 100

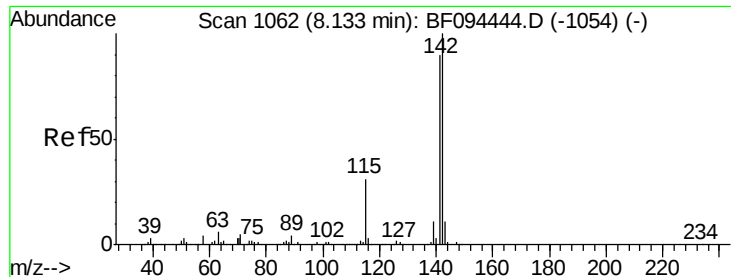
129 10.7 9.0 13.6

127 12.5 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

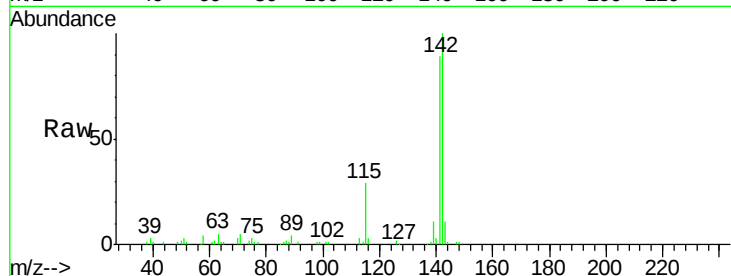




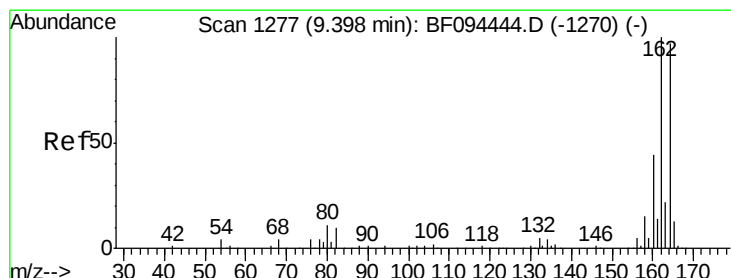
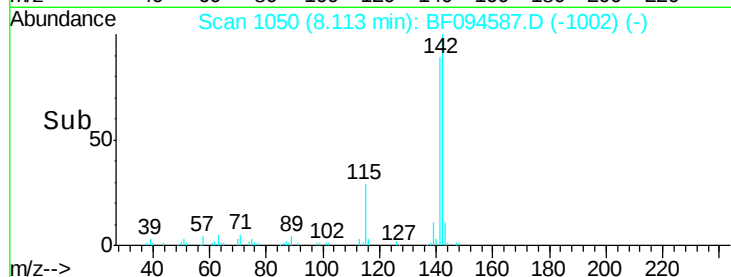
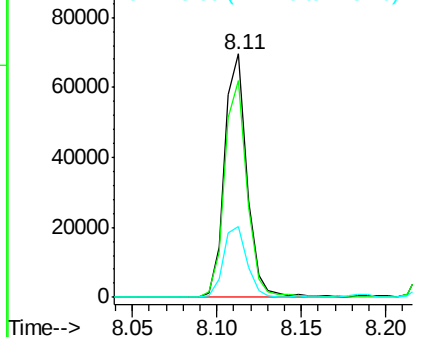
#37  
 2-Methylnaphthalene  
 Concen: 3.76 ng  
 RT: 8.11 min Scan# 1050  
 Delta R.T. -0.02 min  
 Lab File: BF094587.D  
 Acq: 24 Apr 2017 16:09

Instrument :  
 BNA\_F  
 ClientSampleID :  
 PE-4DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.1  | 71.3  | 106.9 |
| 115     | 29.3  | 27.1  | 40.7  |

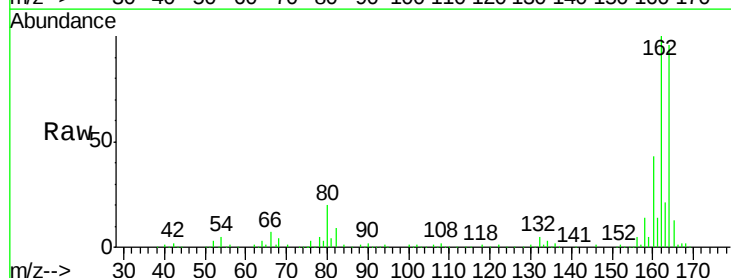


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

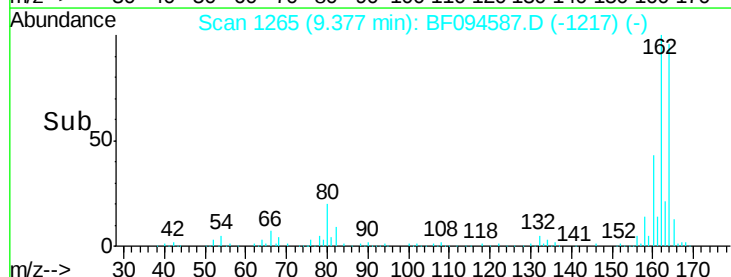
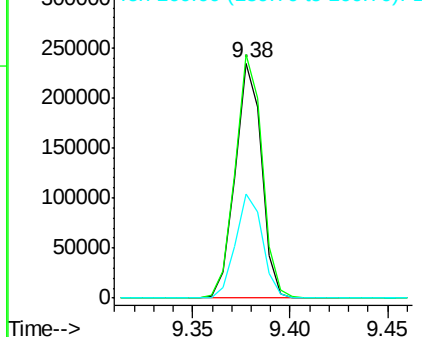


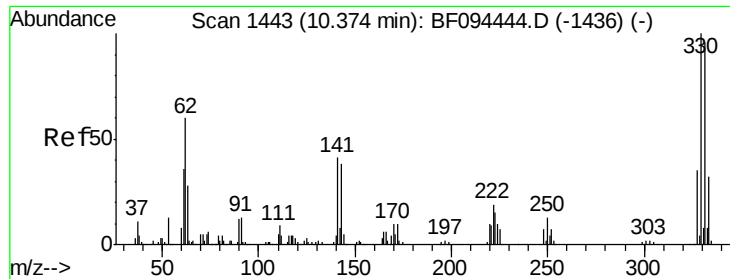
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.38 min Scan# 1265  
 Delta R.T. -0.02 min  
 Lab File: BF094587.D  
 Acq: 24 Apr 2017 16:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.7 | 82.6  | 123.8 |
| 160     | 44.4  | 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

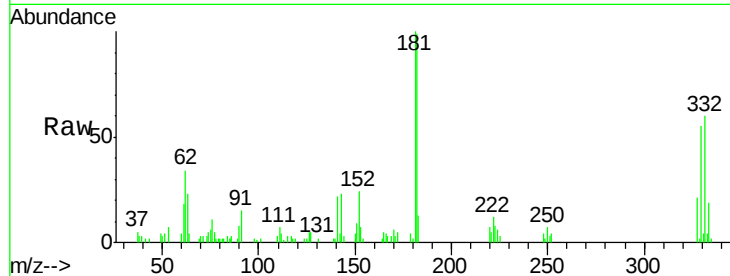




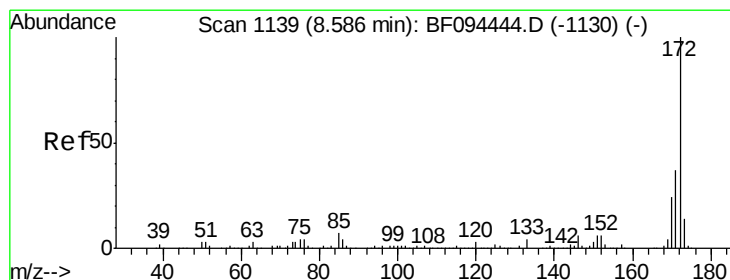
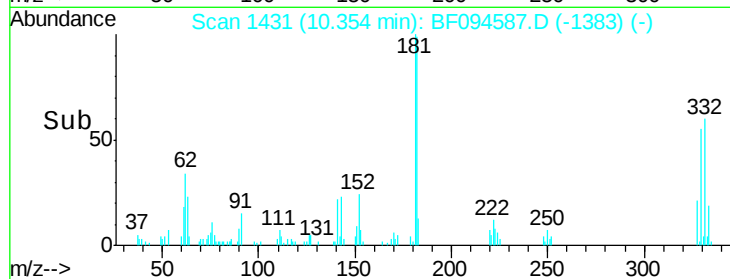
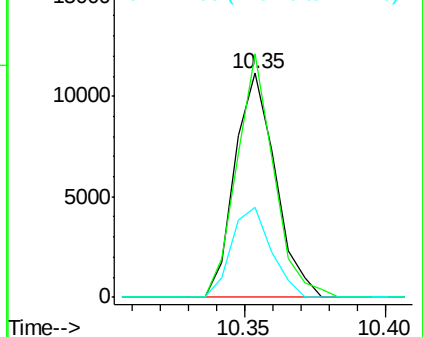
#41  
 2,4,6-Tribromophenol  
 Concen: 6.49 ng  
 RT: 10.35 min Scan# 1431  
 Delta R.T. -0.02 min  
 Lab File: BF094587.D  
 Acq: 24 Apr 2017 16:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PE-4DL

Tot Ion:330 Resp: 11148  
 Ion Ratio Lower Upper  
 330 100  
 332 99.0 76.6 115.0  
 141 39.4 31.4 47.2

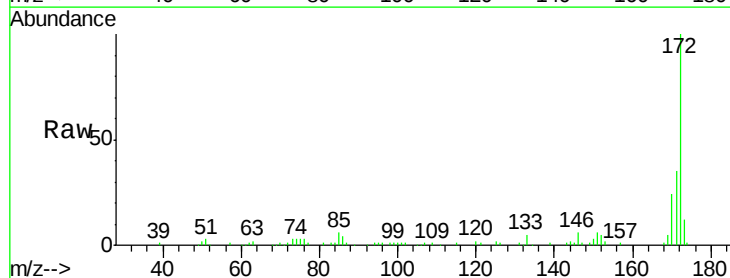


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

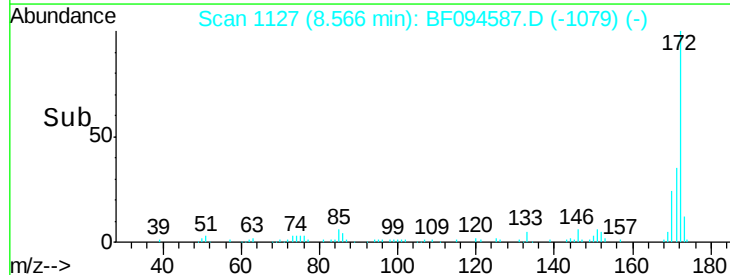
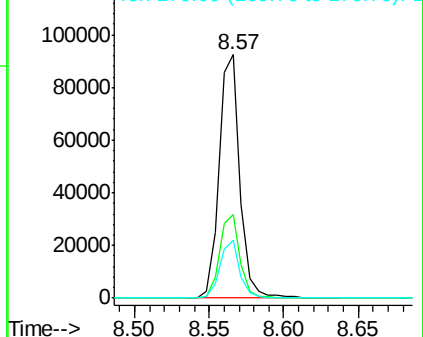


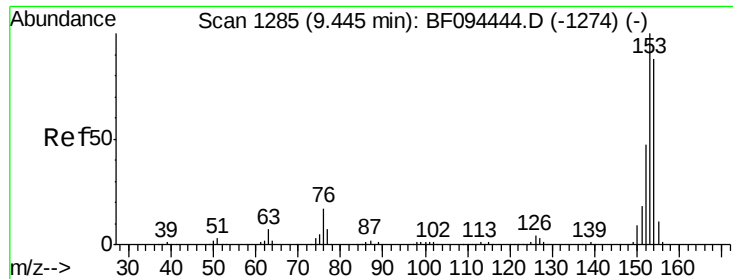
#44  
 2-Fluorobiphenyl  
 Concen: 6.04 ng  
 RT: 8.57 min Scan# 1127  
 Delta R.T. -0.02 min  
 Lab File: BF094587.D  
 Acq: 24 Apr 2017 16:09

Tgt Ion:172 Resp: 90177  
 Ion Ratio Lower Upper  
 172 100  
 171 34.6 29.6 44.4  
 170 23.8 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





#51

Acenaphthene

Concen: 9.43 ng

RT: 9.42 min Scan# 1272

Delta R.T. -0.03 min

Lab File: BF094587.D

Acq: 24 Apr 2017 16:09

Instrument :

BNA\_F

ClientSampleId :

PE-4DL

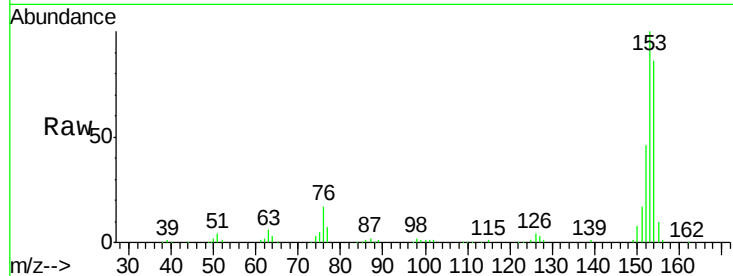
Tot Ion:154 Resp: 125584

Ion Ratio Lower Upper

154 100

153 116.7 90.5 135.7

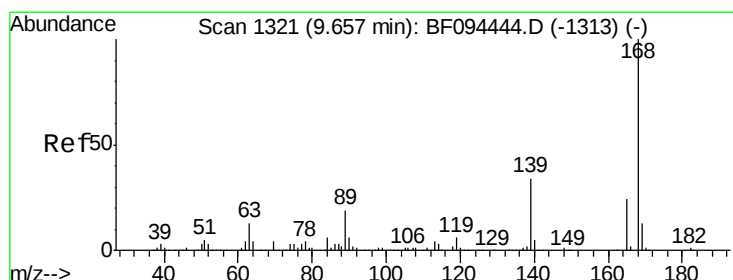
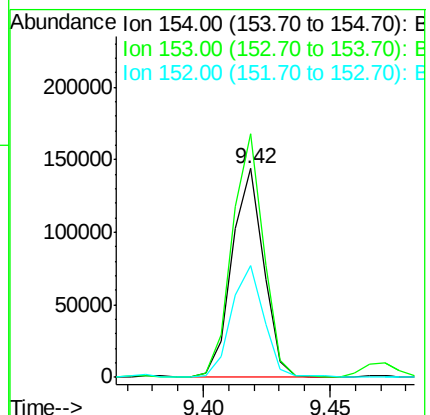
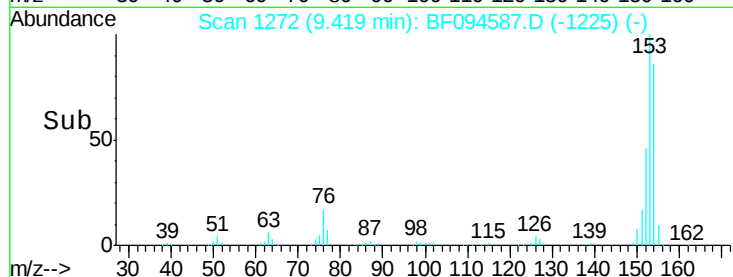
152 53.5 43.6 65.4



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: 7.18 ng

RT: 9.63 min Scan# 1308

Delta R.T. -0.03 min

Lab File: BF094587.D

Acq: 24 Apr 2017 16:09

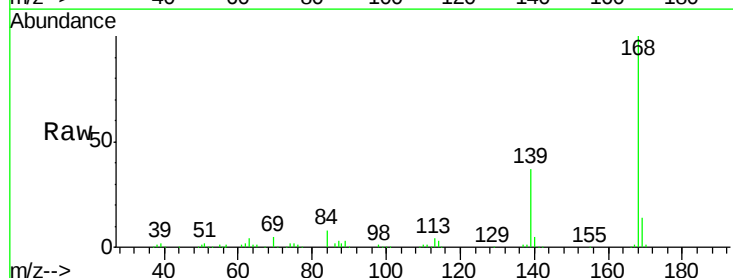
Tgt Ion:168 Resp: 139009

Ion Ratio Lower Upper

168 100

139 36.9 30.6 45.8

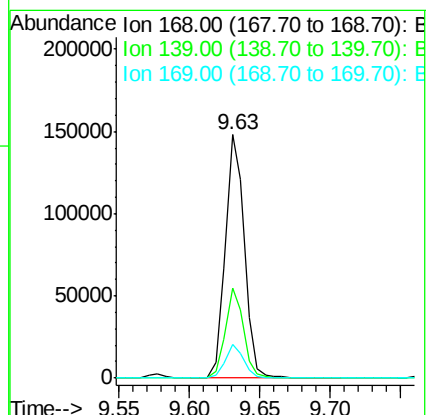
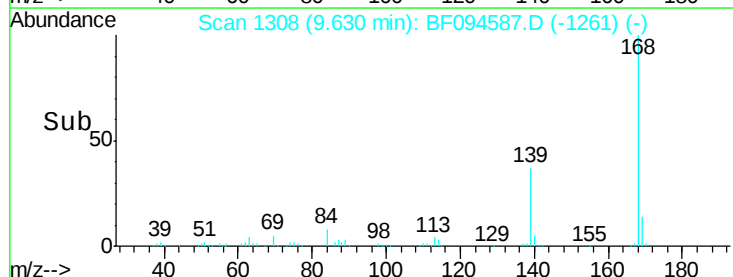
169 13.6 10.8 16.2

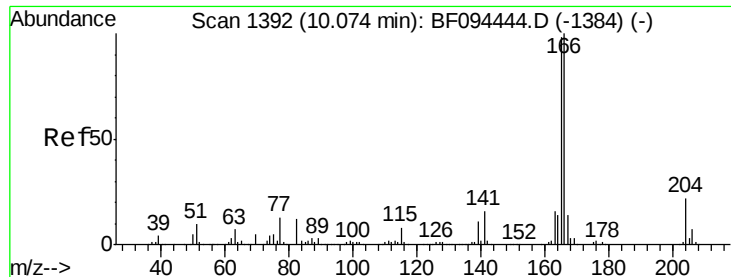


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

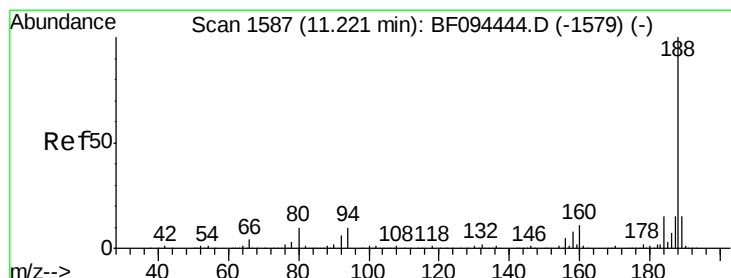
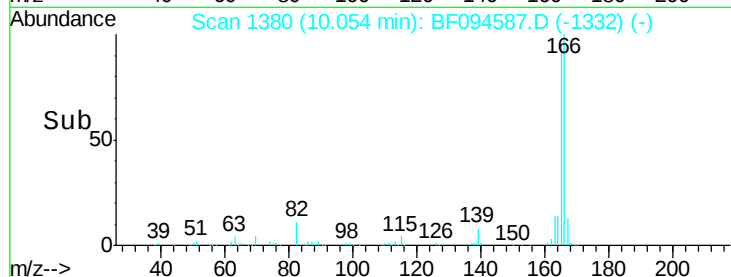
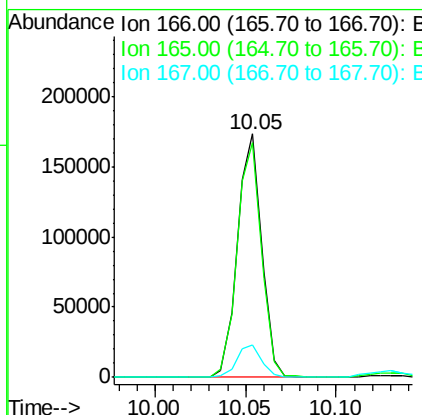
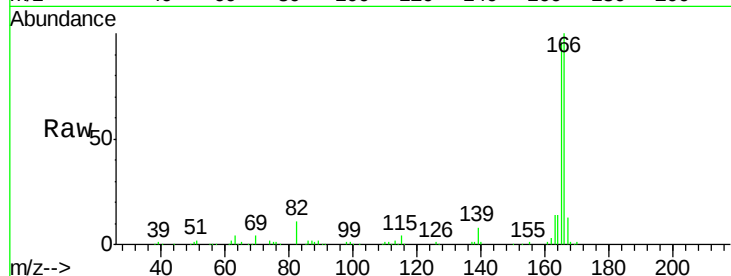




#57  
**Fluorene**  
 Concen: 10.66 ng  
 RT: 10.05 min Scan# 1380  
 Delta R.T. -0.02 min  
 Lab File: BF094587.D  
 Acq: 24 Apr 2017 16:09

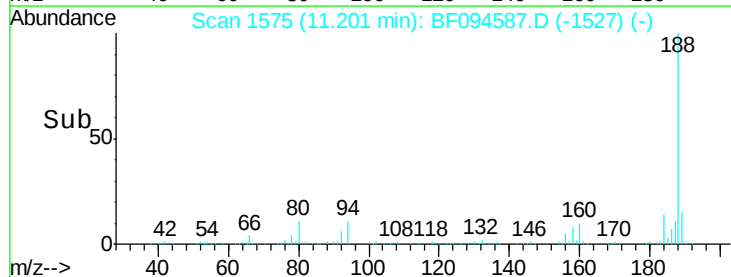
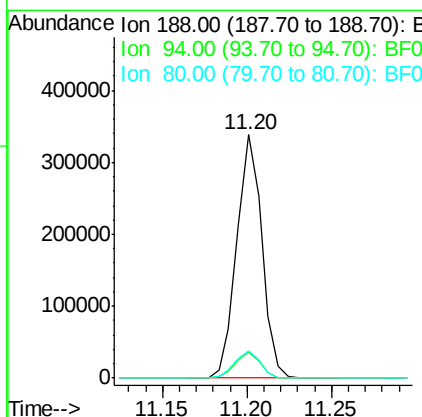
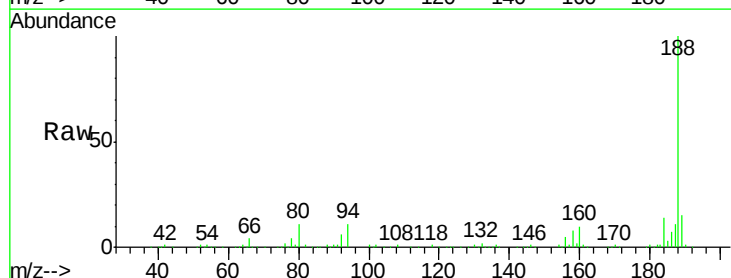
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PE-4DL

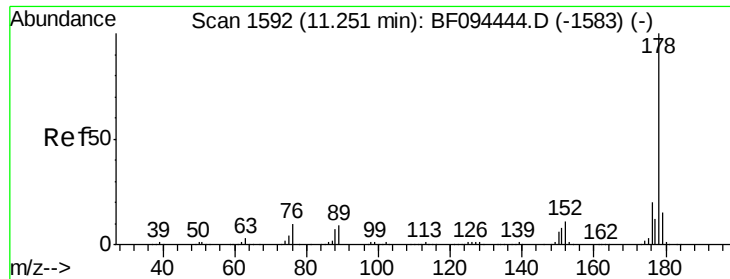
Tot Ion:166 Resp: 160702  
 Ion Ratio Lower Upper  
 166 100  
 165 96.3 78.8 118.2  
 167 13.4 10.6 16.0



#63  
**Phenanthrene-d10**  
 Concen: 20.00 ng  
 RT: 11.20 min Scan# 1575  
 Delta R.T. -0.02 min  
 Lab File: BF094587.D  
 Acq: 24 Apr 2017 16:09

Tgt Ion:188 Resp: 350788  
 Ion Ratio Lower Upper  
 188 100  
 94 10.7 9.4 14.2  
 80 11.1 10.2 15.2

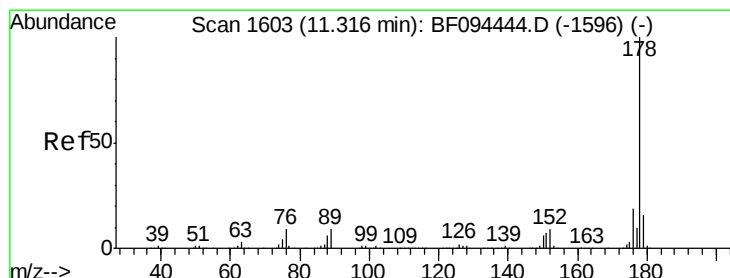
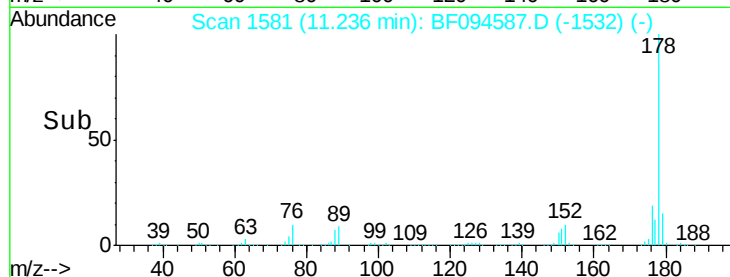
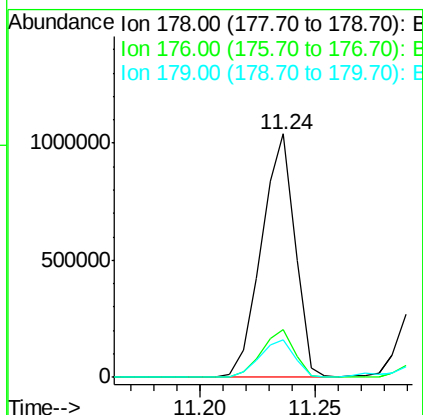
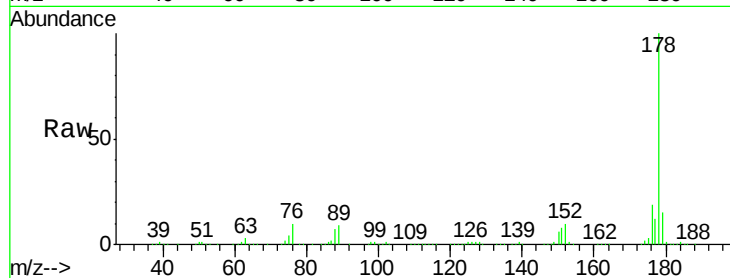




#70  
Phenanthrene  
Concen: 53.32 ng  
RT: 11.24 min Scan# 1581  
Delta R.T. -0.01 min  
Lab File: BF094587.D  
Acq: 24 Apr 2017 16:09

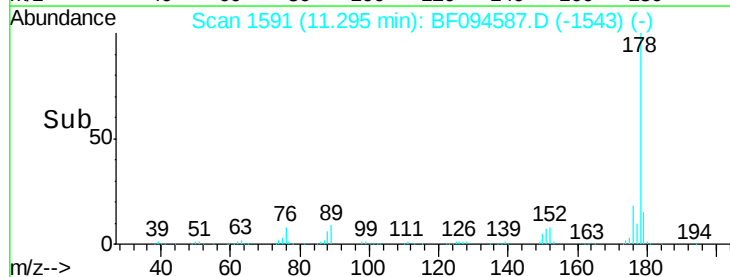
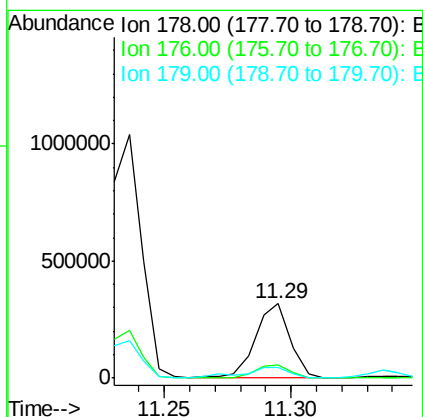
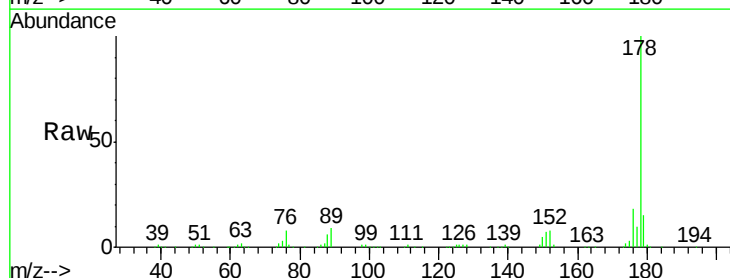
Instrument :  
BNA\_F  
ClientSampled :  
PE-4DL

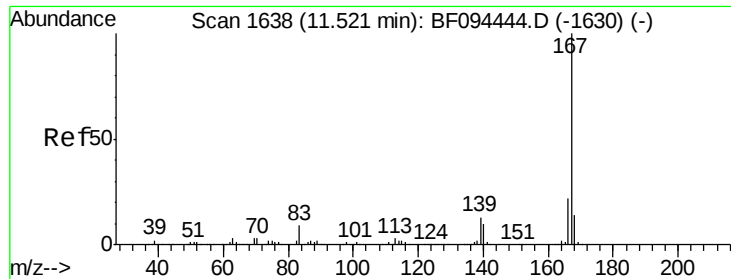
Tot Ion:178 Resp: 1053255  
Ion Ratio Lower Upper  
178 100  
176 19.4 16.2 24.4  
179 15.3 12.6 19.0



#71  
Anthracene  
Concen: 14.71 ng  
RT: 11.29 min Scan# 1591  
Delta R.T. -0.02 min  
Lab File: BF094587.D  
Acq: 24 Apr 2017 16:09

Tgt Ion:178 Resp: 300626  
Ion Ratio Lower Upper  
178 100  
176 18.4 15.8 23.8  
179 14.8 12.7 19.1

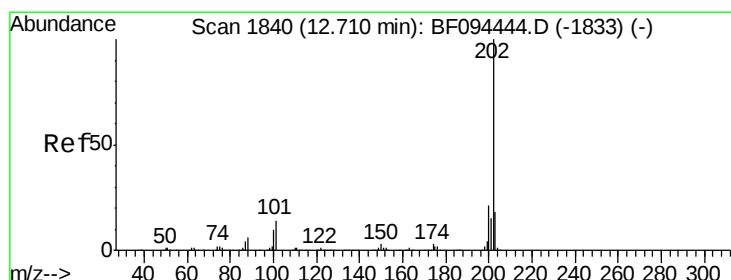
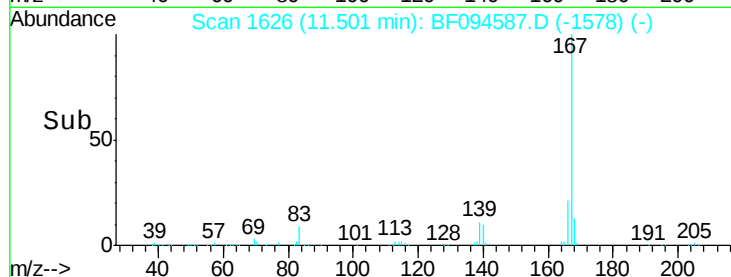
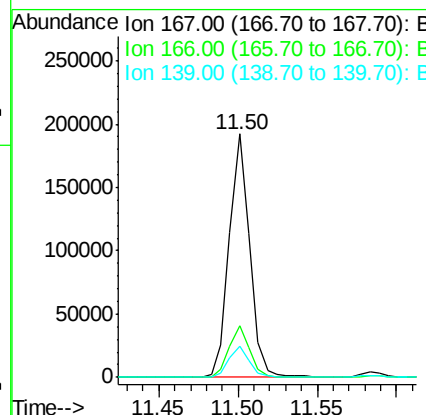
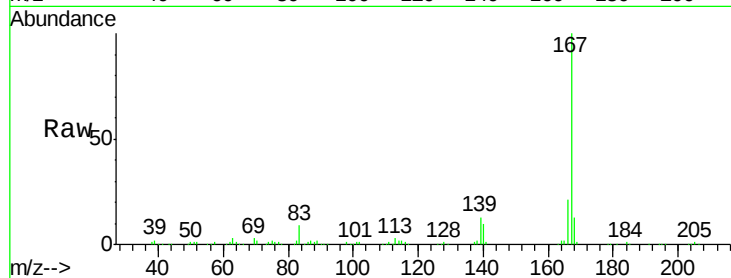




#72  
 Carbazole  
 Concen: 9.02 ng  
 RT: 11.50 min Scan# 1626  
 Delta R.T. -0.02 min  
 Lab File: BF094587.D  
 Acq: 24 Apr 2017 16:09

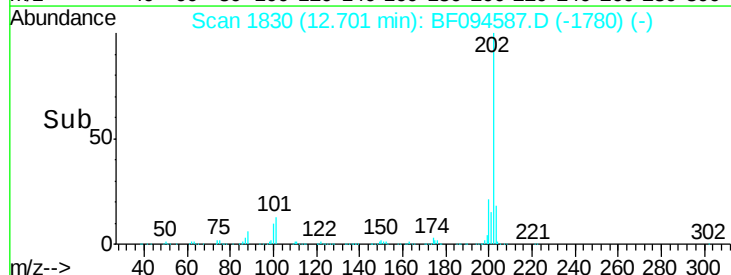
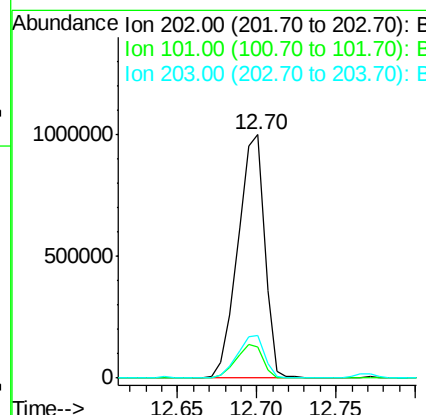
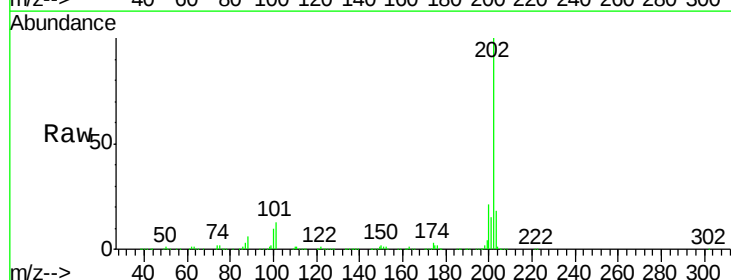
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PE-4DL

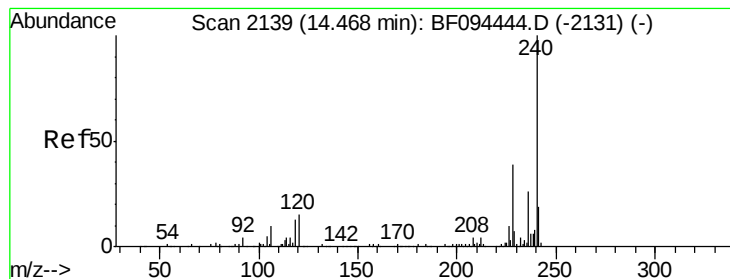
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.3  | 18.1  | 27.1  |
| 139     | 12.6  | 11.7  | 17.5  |



#74  
 Fluoranthene  
 Concen: 57.00 ng  
 RT: 12.70 min Scan# 1830  
 Delta R.T. -0.01 min  
 Lab File: BF094587.D  
 Acq: 24 Apr 2017 16:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 12.8  | 0.0   | 33.2  |
| 203     | 17.6  | 0.0   | 38.1  |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.45 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BF094587.D

Acq: 24 Apr 2017 16:09

Instrument :

BNA\_F

ClientSampleId :

PE-4DL

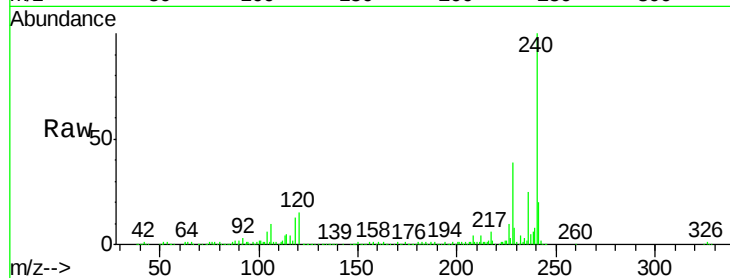
Tot Ion:240 Resp: 254673

Ion Ratio Lower Upper

240 100

120 14.5 5.8 8.8#

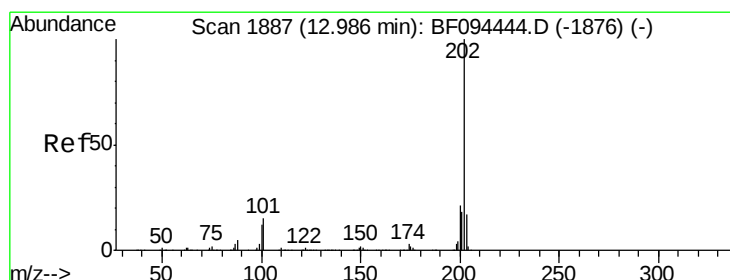
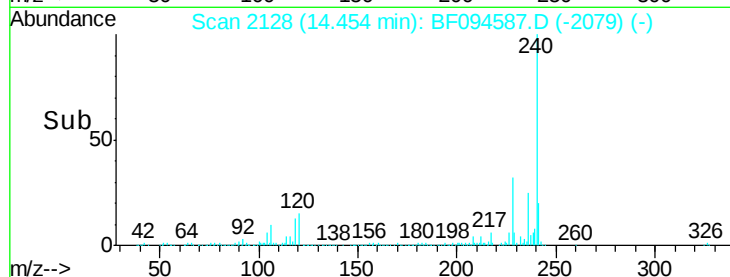
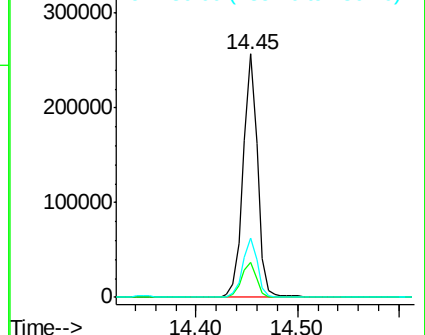
236 24.6 20.5 30.7



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: 54.11 ng

RT: 12.97 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BF094587.D

Acq: 24 Apr 2017 16:09

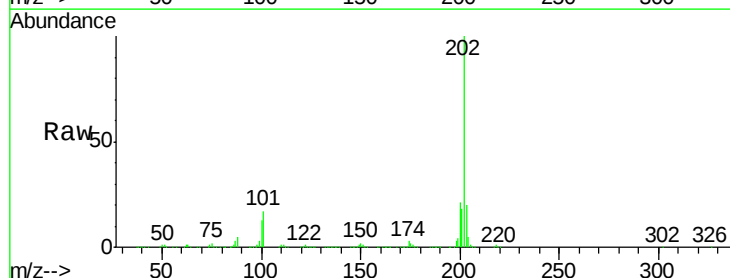
Tgt Ion:202 Resp: 962798

Ion Ratio Lower Upper

202 100

200 21.5 17.6 26.4

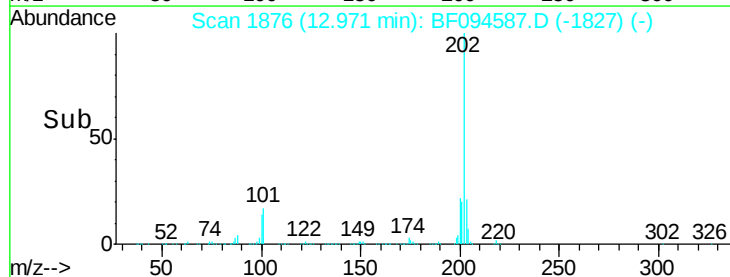
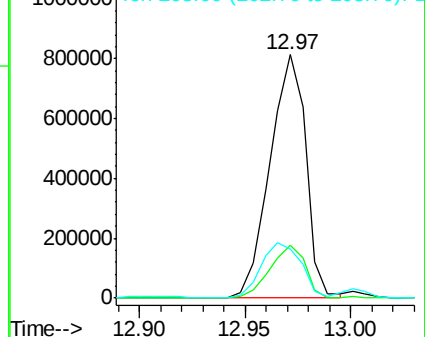
203 20.0 14.4 21.6

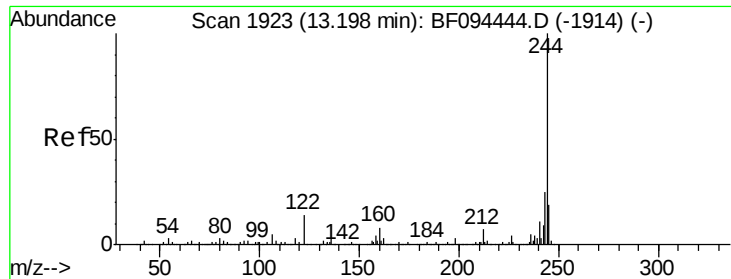


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 5.66 ng

RT: 13.17 min Scan# 1910

Delta R.T. -0.03 min

Lab File: BF094587.D

Acq: 24 Apr 2017 16:09

Instrument :

BNA\_F

ClientSampleId :

PE-4DL

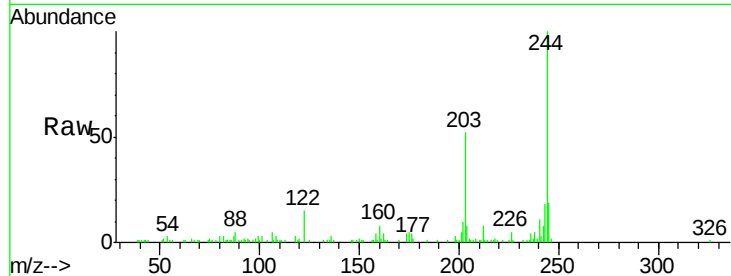
Tot Ion:244 Resp: 53899

Ion Ratio Lower Upper

244 100

212 8.0 6.0 9.0

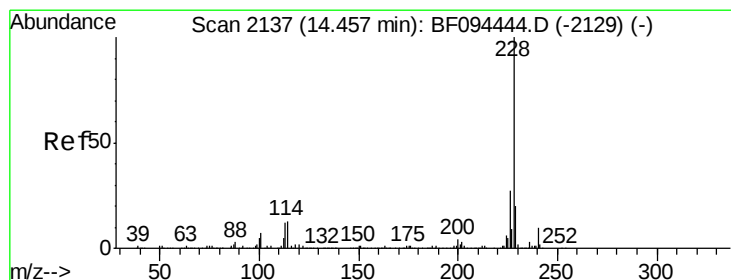
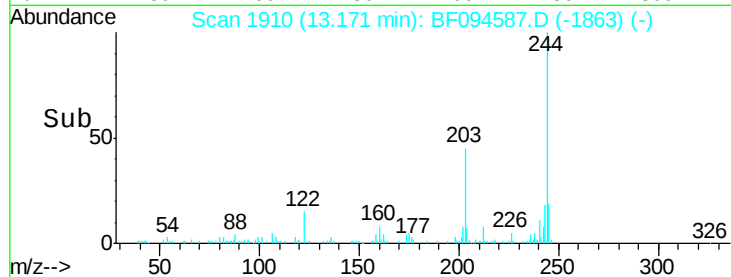
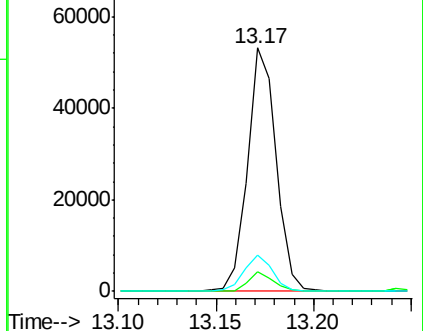
122 14.7 10.3 15.5



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: 31.61 ng

RT: 14.44 min Scan# 2126

Delta R.T. -0.01 min

Lab File: BF094587.D

Acq: 24 Apr 2017 16:09

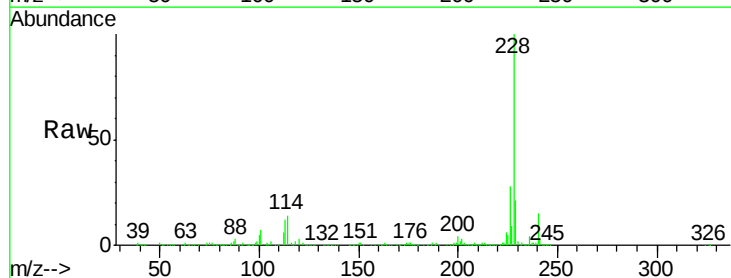
Tgt Ion:228 Resp: 467980

Ion Ratio Lower Upper

228 100

226 27.9 22.6 33.8

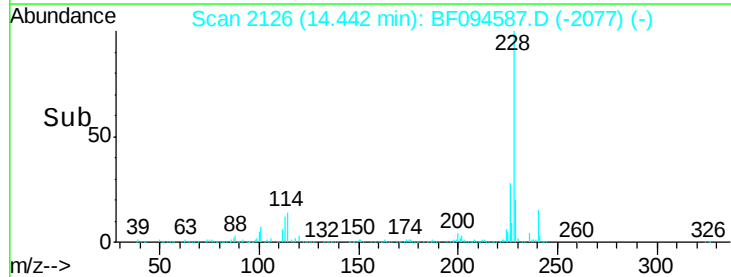
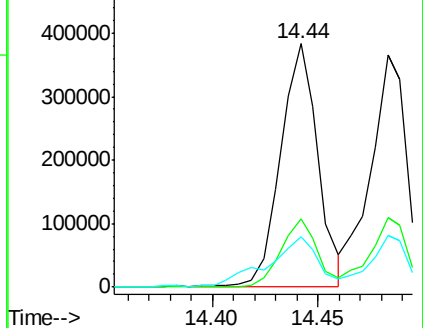
229 20.8 16.3 24.5

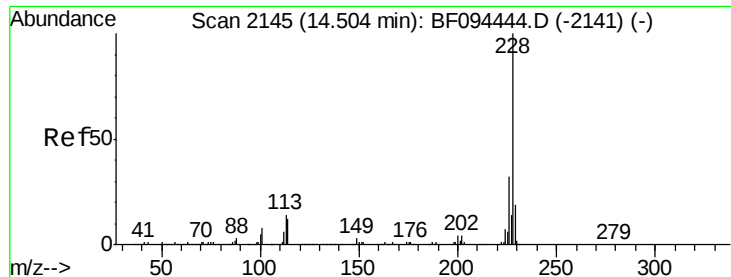


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

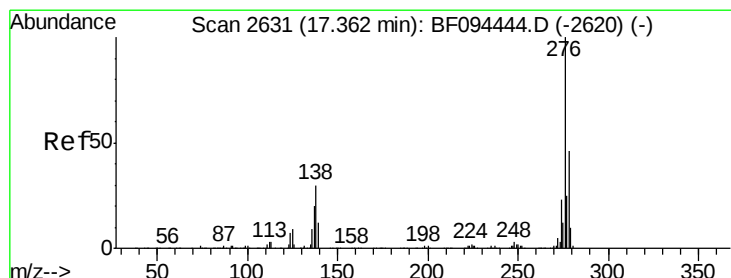
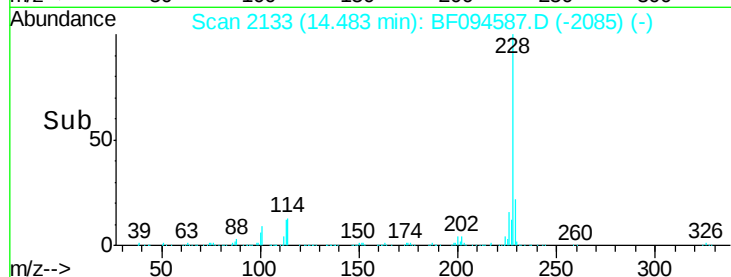
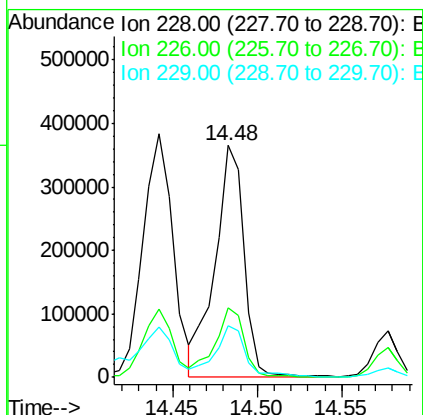
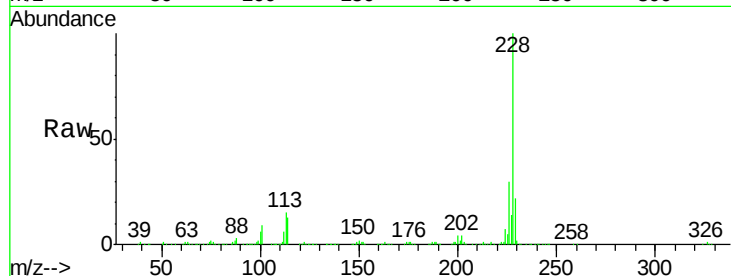




#82  
Chrysene  
Concen: 32.27 ng  
RT: 14.48 min Scan# 2133  
Delta R.T. -0.02 min  
Lab File: BF094587.D  
Acq: 24 Apr 2017 16:09

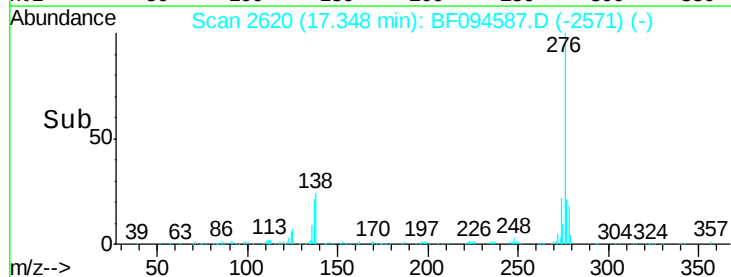
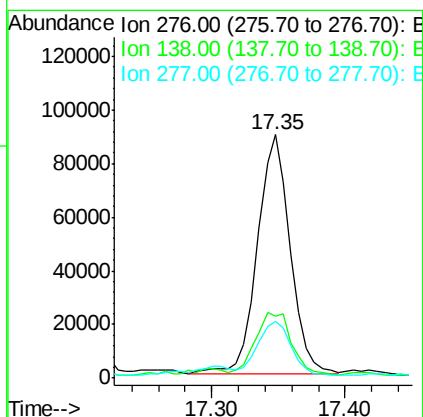
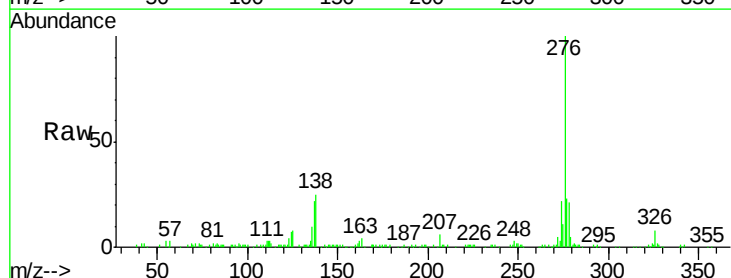
Instrument :  
BNA\_F  
ClientSampleId :  
PE-4DL

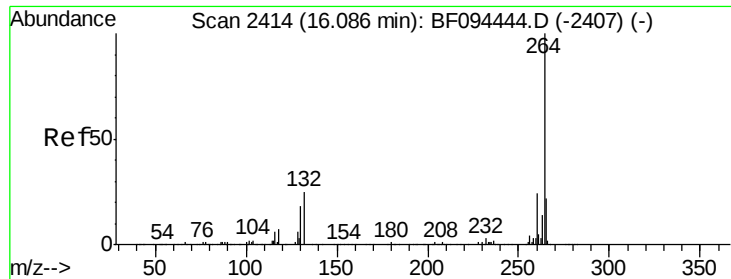
Tot Ion:228 Resp: 436502  
Ion Ratio Lower Upper  
228 100  
226 30.0 24.9 37.3  
229 22.2 15.8 23.6



#85  
Indeno(1,2,3-cd)pyrene  
Concen: 11.73 ng  
RT: 17.35 min Scan# 2620  
Delta R.T. -0.01 min  
Lab File: BF094587.D  
Acq: 24 Apr 2017 16:09

Tgt Ion:276 Resp: 151027  
Ion Ratio Lower Upper  
276 100  
138 31.9 27.8 41.6  
277 24.6 20.2 30.4

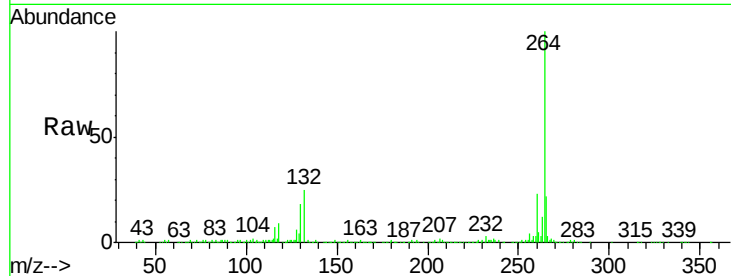




#86  
Pervlene-d12  
Concen: 20.00 ng  
RT: 16.08 min Scan# 2404  
Delta R.T. -0.01 min  
Lab File: BF094587.D  
Acq: 24 Apr 2017 16:09

Instrument :  
BNA\_F  
ClientSampleId :  
PE-4DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.3  | 19.5  | 29.3  |
| 265     | 22.1  | 17.2  | 25.8  |

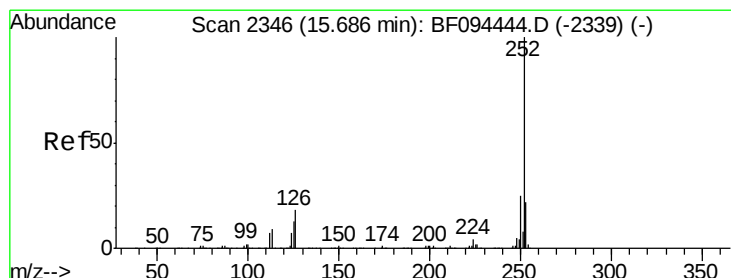
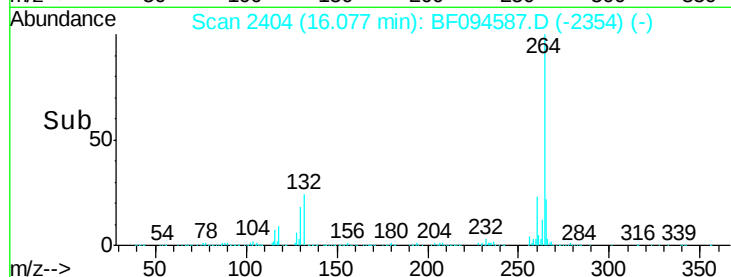
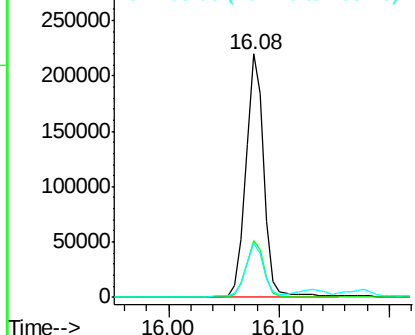


Abundance

Ion 264.00 (263.70 to 264.70): E

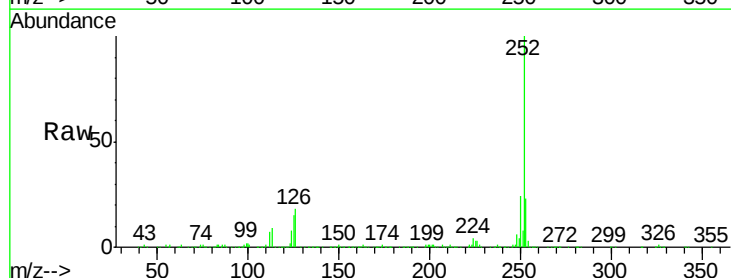
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87  
Benzo(b)fluoranthene  
Concen: 30.33 ng m  
RT: 15.68 min Scan# 2336  
Delta R.T. -0.01 min  
Lab File: BF094587.D  
Acq: 24 Apr 2017 16:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.2  | 18.1  | 27.1  |
| 125     | 15.2  | 9.8   | 14.8  |

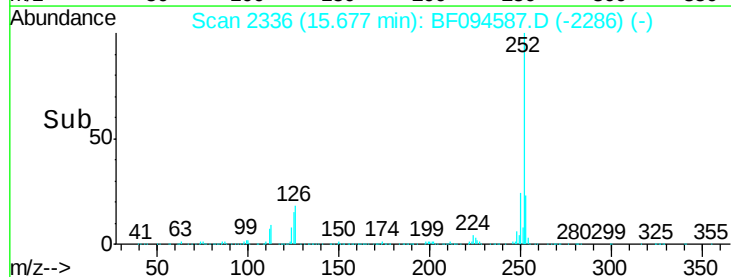
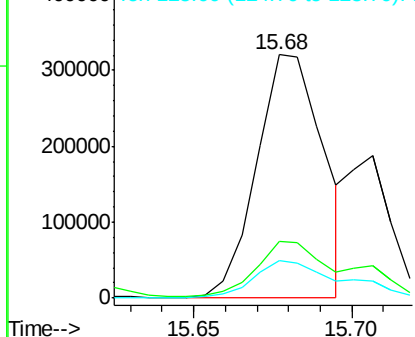


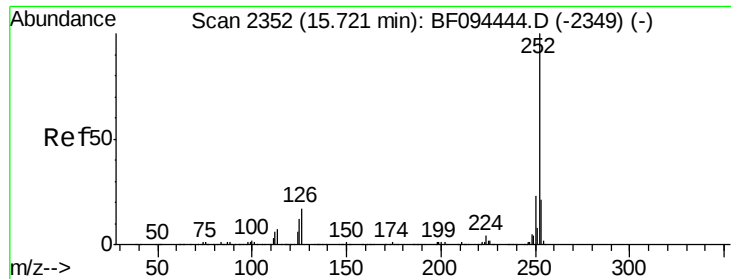
Abundance

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

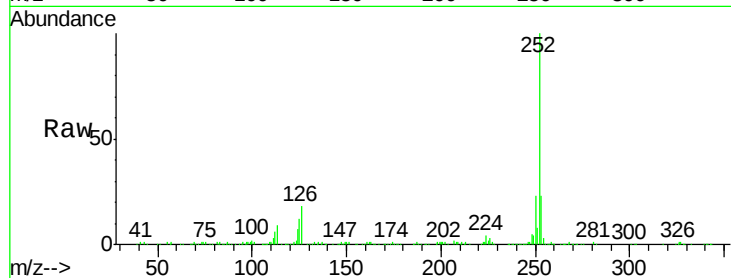




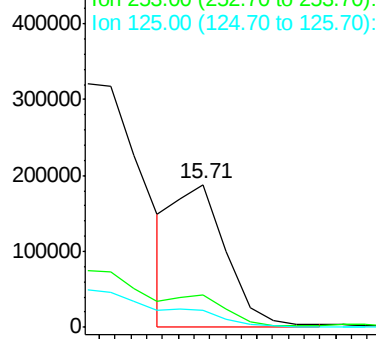
#88  
Benzo(k)fluoranthene  
Concen: 12.08 ng m  
RT: 15.71 min Scan# 2341  
Delta R.T. -0.01 min  
Lab File: BF094587.D  
Acq: 24 Apr 2017 16:09

Instrument :  
BNA\_F  
ClientSampleId :  
PE-4DL

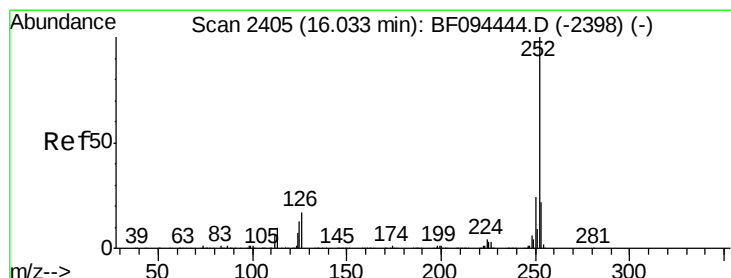
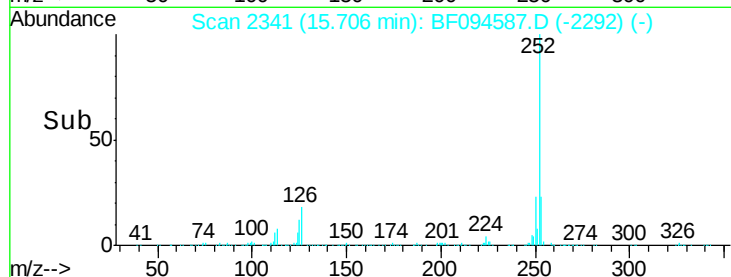
Tot Ion:252 Resp: 176531  
Ion Ratio Lower Upper  
252 100  
253 22.8 18.4 27.6  
125 12.2 13.1 19.7#



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

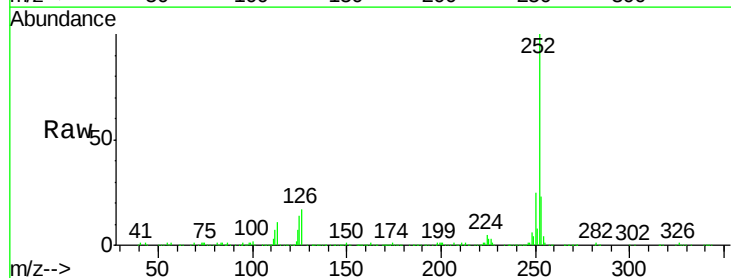


Time--> 15.68 15.70 15.72 15.74

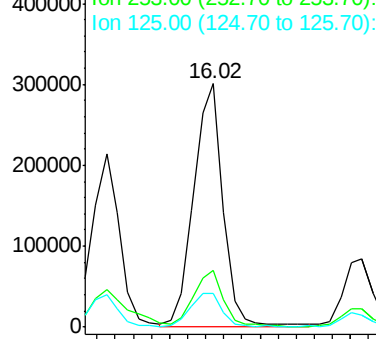


#89  
Benzo(a)pyrene  
Concen: 23.26 ng  
RT: 16.02 min Scan# 2395  
Delta R.T. -0.01 min  
Lab File: BF094587.D  
Acq: 24 Apr 2017 16:09

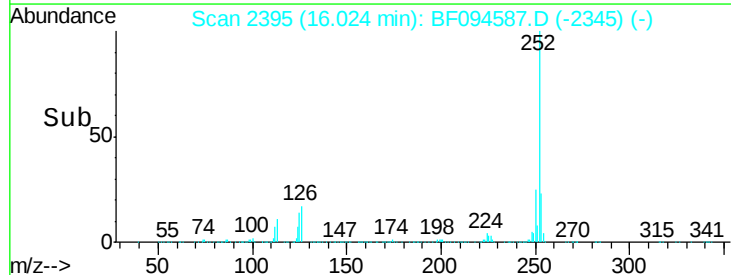
Tgt Ion:252 Resp: 333965  
Ion Ratio Lower Upper  
252 100  
253 23.3 17.5 26.3  
125 14.0 11.0 16.4

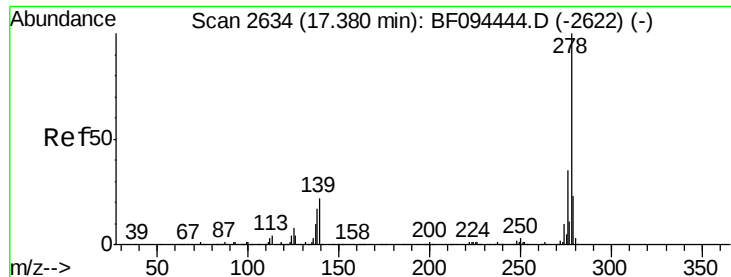


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



Time--> 16.00 16.05 16.10



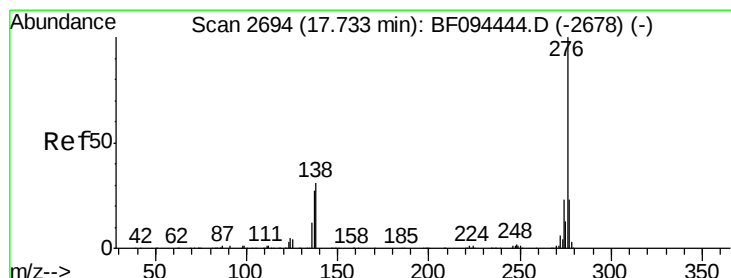
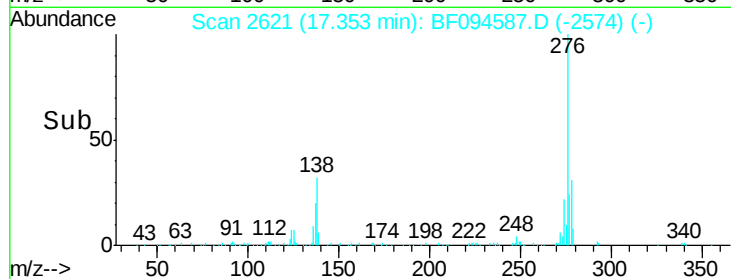
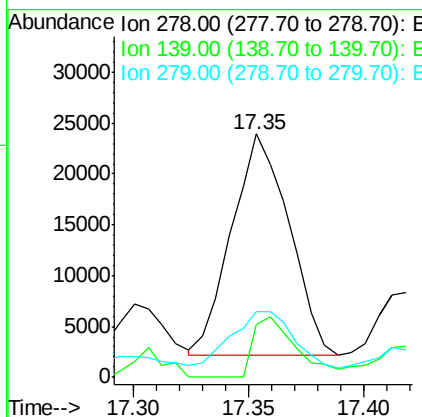
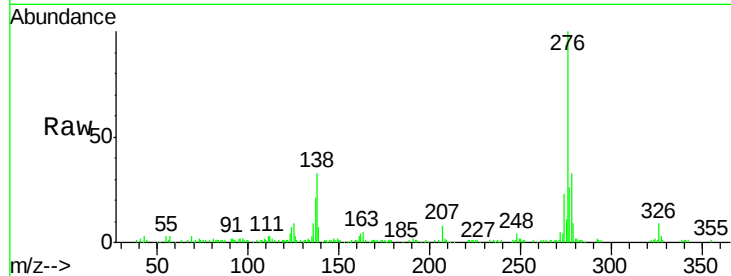


#90  
Dibenzo(a,h)anthracene  
Concen: 3.16 ng  
RT: 17.35 min Scan# 2621  
Delta R.T. -0.03 min  
Lab File: BF094587.D  
Acq: 24 Apr 2017 16:09

Instrument :  
BNA\_F  
ClientSampleId :  
PE-4DL

Tot Ion:278 Resp: 37681  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 21.9  | 16.6  | 24.8  |
| 279 | 27.2  | 19.3  | 28.9  |



#91  
Benzo(g,h,i)perylene  
Concen: 11.48 ng  
RT: 17.72 min Scan# 2683  
Delta R.T. -0.01 min  
Lab File: BF094587.D  
Acq: 24 Apr 2017 16:09

Tgt Ion:276 Resp: 139382  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.5  | 18.6  | 28.0  |
| 138 | 28.3  | 25.4  | 38.0  |

