

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012418\  
 Data File : BM013794.D  
 Acq On : 25 Jan 2018 06:45  
 Operator : SJ/JU  
 Sample : J1222-07  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F6A80

Quant Time: Jan 25 10:14:30 2018  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM011018.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jan 25 03:36:03 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.59  | 152  | 163356   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.37 | 136  | 640144   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.24 | 164  | 482398   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.01 | 188  | 737542   | 20.00 | ng/ul | 0.01     |
| 75) Chrysene-d12          | 21.20 | 240  | 755088   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.40 | 264  | 768631   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.15  | 96  | 9763    | 2.36  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.78  | 99  | 268289  | 21.39 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.94  | 67  | 166669  | 21.93 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.13  | 132 | 236239  | 23.12 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.30  | 113 | 211645  | 21.95 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.75  | 128 | 118544  | 23.87 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.46  | 143 | 140148  | 26.70 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.00 | 165 | 246325  | 24.29 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.52 | 131 | 182096  | 20.70 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.67 | 166 | 709347  | 17.84 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.94 | 160 | 877819  | 17.31 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.48 | 143 | 118812  | 18.39 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.25 | 176 | 611098  | 17.48 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.39 | 200 | 75979   | 17.11 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.11 | 188 | 941405  | 26.21 | ng/ul | 0.01 |
| 76) Pyrene-d10                 | 19.40 | 212 | 1009244 | 28.71 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.26 | 264 | 952702  | 26.97 | ng/ul | 0.00 |

## Target Compounds

|                               |       |     |          |          | Qvalue |     |
|-------------------------------|-------|-----|----------|----------|--------|-----|
| 4) Benzaldehyde               | 6.75  | 77  | 9133     | 1.052    | ng/ul# | 1   |
| 6) Phenol                     | 6.80  | 94  | 45643    | 3.629    | ng/ul  | 94  |
| 17) Hexachloroethane          | 8.69  | 117 | 18023    | 3.636    | ng/ul# | 1   |
| 21) Isophorone                | 9.31  | 82  | 75754    | 3.654    | ng/ul# | 83  |
| 24) 2,4-Dimethylphenol        | 9.56  | 107 | 26104    | 2.264    | ng/ul# | 56  |
| 27) 2,4-Dichlorophenol        | 10.03 | 162 | 13084    | 1.339    | ng/ul# | 79  |
| 28) Naphthalene               | 10.42 | 128 | 3759784  | 118.057  | ng/ul  | 100 |
| 30) 4-Chloroaniline           | 10.49 | 127 | 21411    | 2.455    | ng/ul  | 98  |
| 34) 2-Methylnaphthalene       | 12.05 | 142 | 2262534  | 95.289   | ng/ul  | 95  |
| 38) 2,4,6-Trichlorophenol     | 12.67 | 196 | 14012    | 1.354    | ng/ul# | 86  |
| 40) 1,1'-Biphenyl             | 13.07 | 154 | 667929   | 16.634   | ng/ul  | 96  |
| 44) Dimethylphthalate         | 13.72 | 163 | 163346   | 4.179    | ng/ul  | 97  |
| 47) Acenaphthylene            | 13.97 | 152 | 81338    | 1.753    | ng/ul# | 50  |
| 49) Acenaphthene              | 14.32 | 153 | 1855634  | 57.759   | ng/ul  | 99  |
| 50) 2,4-Dinitrophenol         | 14.39 | 184 | 5298     | 1.220    | ng/ul# | 1   |
| 53) Dibenzofuran              | 14.66 | 168 | 1896762  | 39.245   | ng/ul  | 100 |
| 54) 2,4-Dinitrotoluene        | 14.62 | 165 | 11101    | 1.005    | ng/ul# | 35  |
| 55) 2,3,4,6-Tetrachlorophenol | 14.89 | 232 | 913373   | 90.197   | ng/ul# | 88  |
| 58) Fluorene                  | 15.31 | 166 | 1681303  | 42.467   | ng/ul  | 98  |
| 64) N-Nitrosodiphenylamine    | 15.52 | 169 | 216918   | 10.000   | ng/ul# | 52  |
| 68) Pentachlorophenol         | 16.69 | 266 | 12389700 | 2486.527 | ng/ul  | 98  |
| 69) Phenanthrene              | 17.06 | 178 | 7494256  | 182.800  | ng/ul  | 99  |
| 71) Anthracene                | 17.14 | 178 | 1117640  | 26.430   | ng/ul  | 97  |

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BNA\_M  
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Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM011018.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Jan 25 03:36:03 2018  
Response via : Initial Calibration

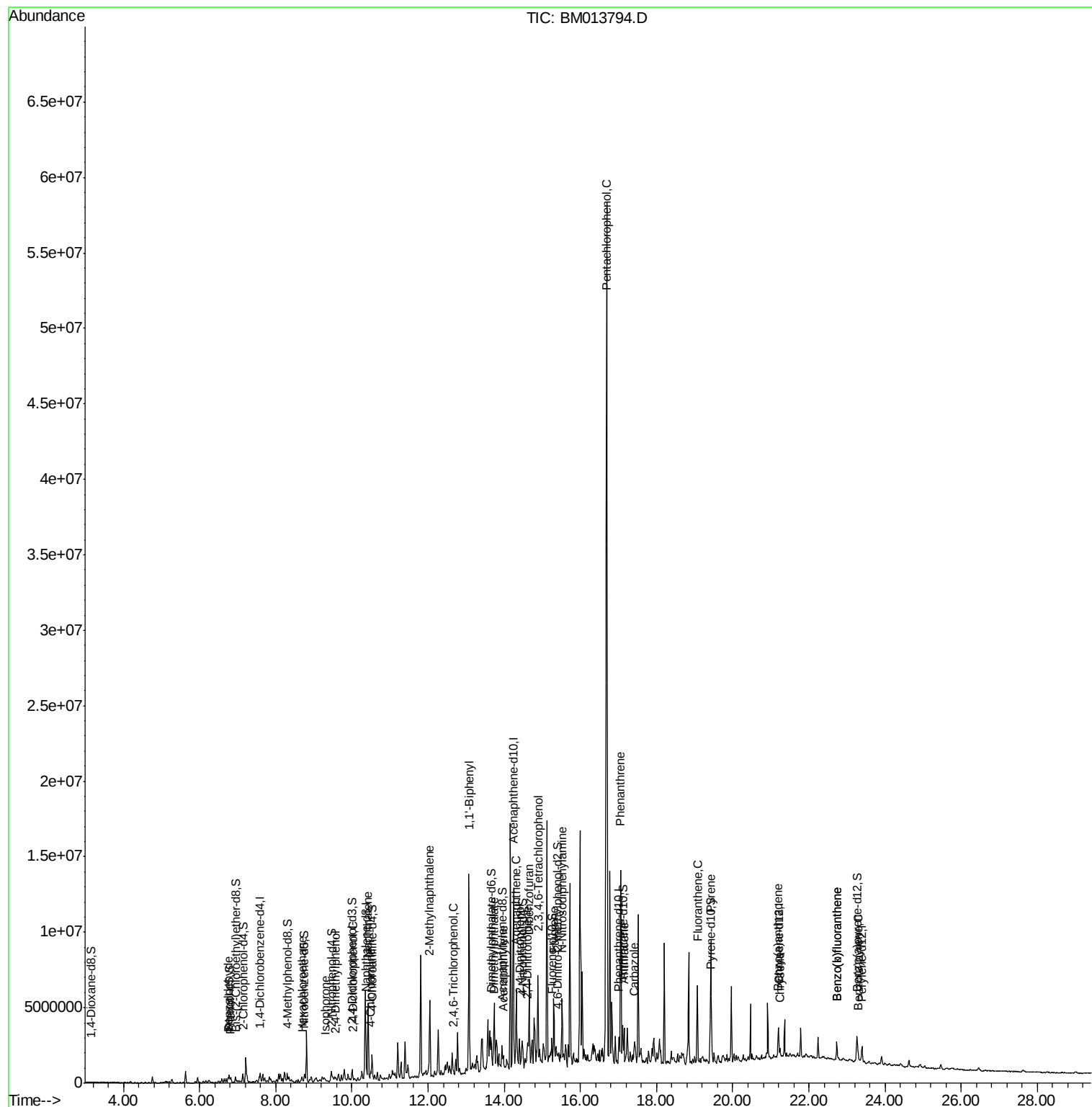
| Internal Standards       | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------|-------|------|----------|--------|--------|----------|
| 72) Carbazole            | 17.42 | 167  | 484131   | 13.870 | ng/ul  | 96       |
| 74) Fluoranthene         | 19.07 | 202  | 2893281  | 59.122 | ng/ul# | 95       |
| 77) Pyrene               | 19.44 | 202  | 2114811  | 46.070 | ng/ul# | 96       |
| 80) Benzo(a)anthracene   | 21.19 | 228  | 334005   | 7.320  | ng/ul  | 96       |
| 82) Chrysene             | 21.24 | 228  | 280904   | 6.711  | ng/ul  | 97       |
| 85) Benzo(b)fluoranthene | 22.74 | 252  | 112263   | 2.378  | ng/ul# | 78       |
| 86) Benzo(k)fluoranthene | 22.74 | 252  | 112263   | 2.461  | ng/ul# | 76       |
| 88) Benzo(a)pyrene       | 23.30 | 252  | 62890    | 1.410  | ng/ul# | 61       |

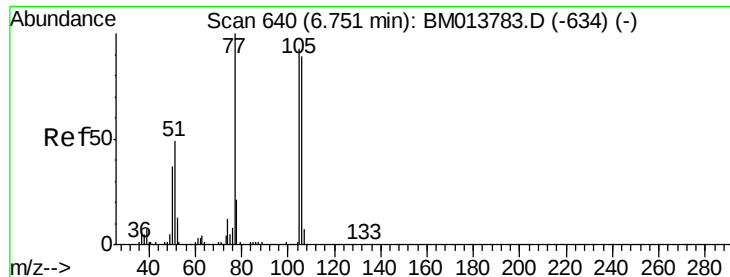
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 1.052 ng/ul

RT: 6.75 min Scan# 640

Delta R.T. 0.00 min

Lab File: BM013794.D

Acq: 25 Jan 2018 06:45

Instrument :

BNA\_M

ClientSampleId :

F6A80

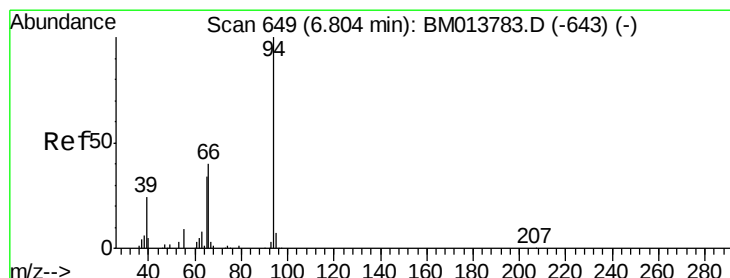
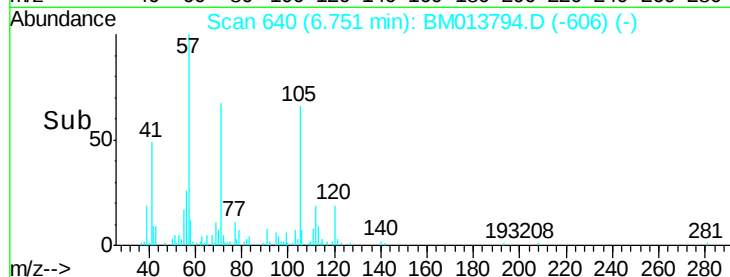
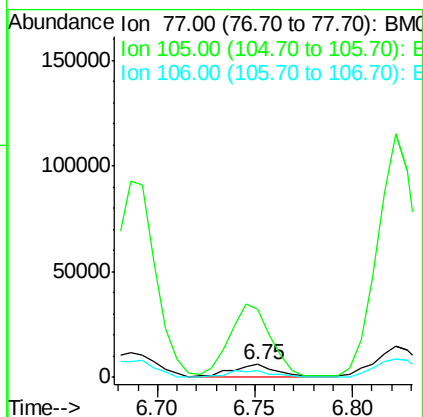
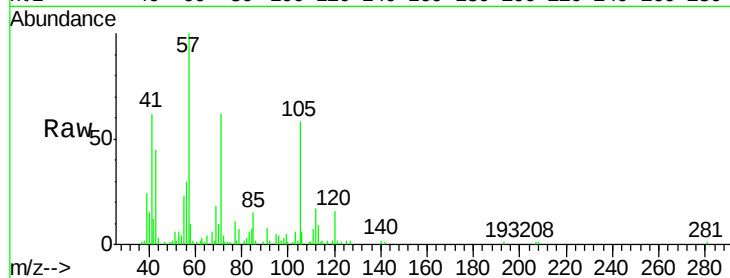
Tgt Ion: 77 Resp: 9133

Ion Ratio Lower Upper

77 100

105 532.1 66.1 99.1#

106 56.2 67.8 101.6#



#6

Phenol

Concen: 3.629 ng/ul

RT: 6.80 min Scan# 649

Delta R.T. 0.00 min

Lab File: BM013794.D

Acq: 25 Jan 2018 06:45

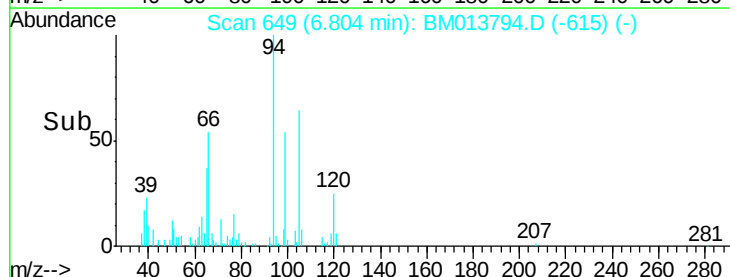
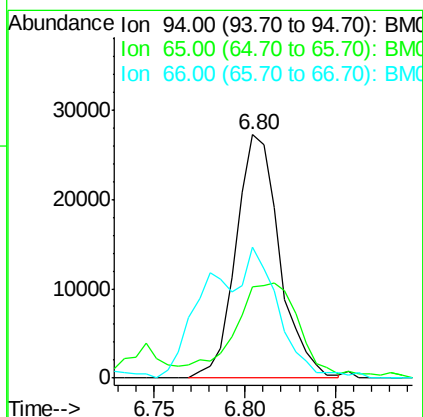
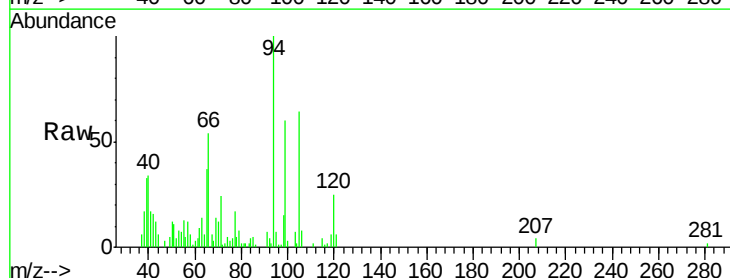
Tgt Ion: 94 Resp: 45643

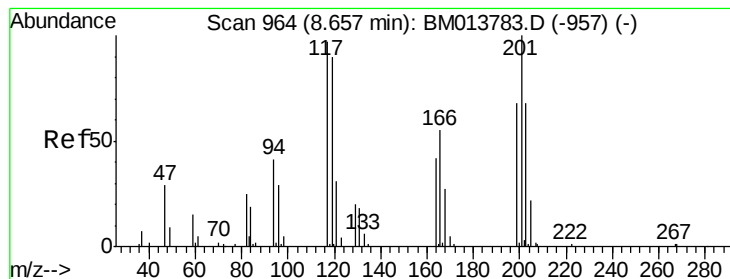
Ion Ratio Lower Upper

94 100

65 37.3 28.2 42.4

66 53.6 47.2 70.8





#17

Hexachloroethane

Concen: 3.636 ng/ul

RT: 8.69 min Scan# 969

Delta R.T. 0.03 min

Lab File: BM013794.D

Acq: 25 Jan 2018 06:45

Instrument :

BNA\_M

ClientSampleId :

F6A80

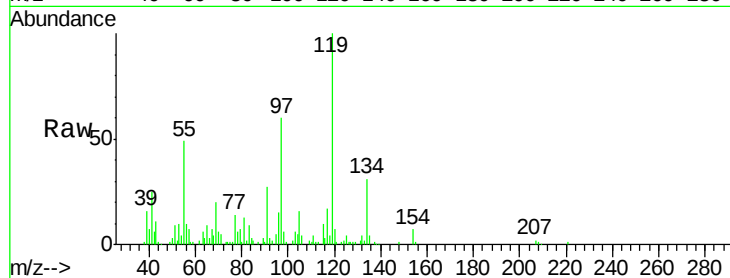
Tgt Ion:117 Resp: 18023

Ion Ratio Lower Upper

117 100

201 0.0 111.6 167.4#

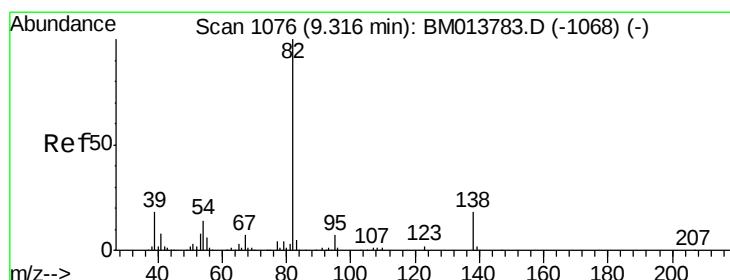
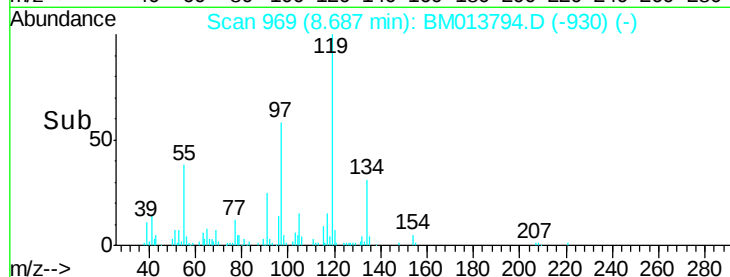
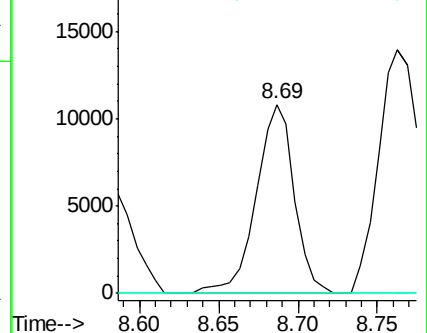
199 0.0 67.8 101.6#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#21

Isophorone

Concen: 3.654 ng/ul

RT: 9.31 min Scan# 1075

Delta R.T. -0.01 min

Lab File: BM013794.D

Acq: 25 Jan 2018 06:45

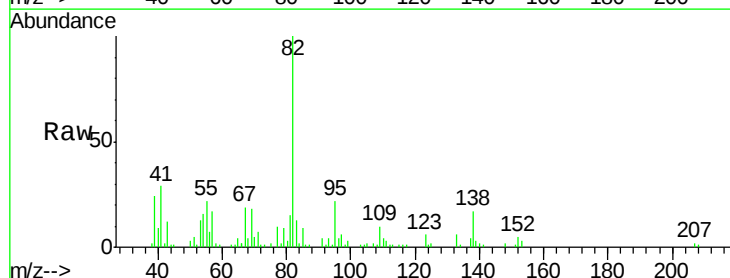
Tgt Ion: 82 Resp: 75754

Ion Ratio Lower Upper

82 100

95 22.1 7.8 11.8#

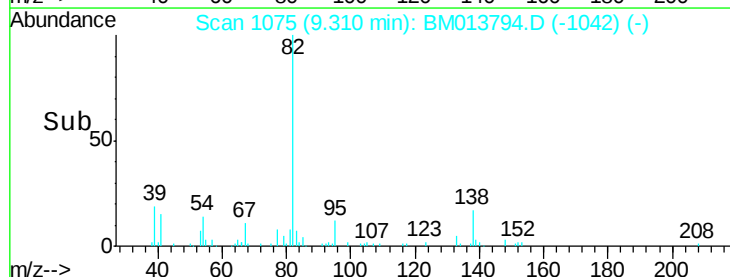
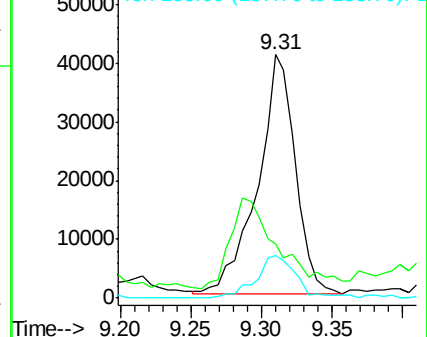
138 17.4 11.9 17.9

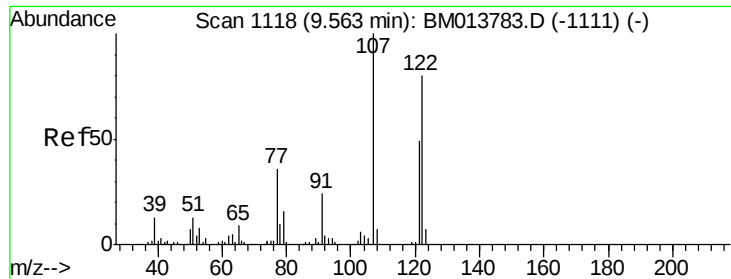


Abundance Ion 82.00 (81.70 to 82.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 138.00 (137.70 to 138.70): E





#24

2,4-Dimethylphenol

Concen: 2.264 ng/ul

RT: 9.56 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BM013794.D

Acq: 25 Jan 2018 06:45

Instrument :

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ClientSampleId :

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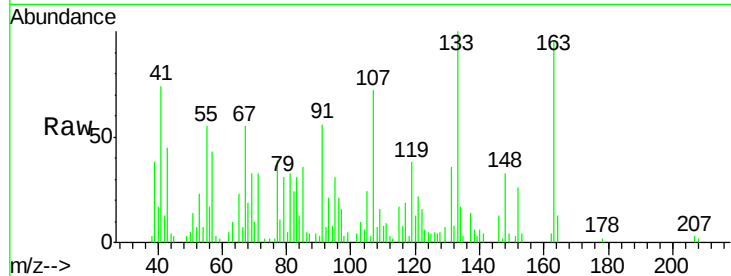
Tgt Ion:107 Resp: 26104

Ion Ratio Lower Upper

107 100

121 30.8 31.9 47.9#

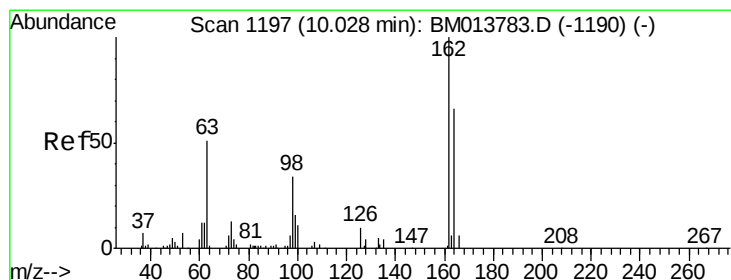
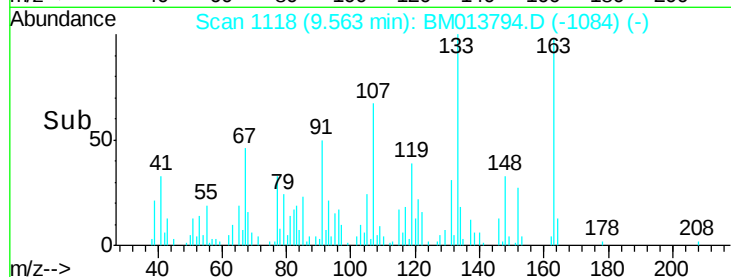
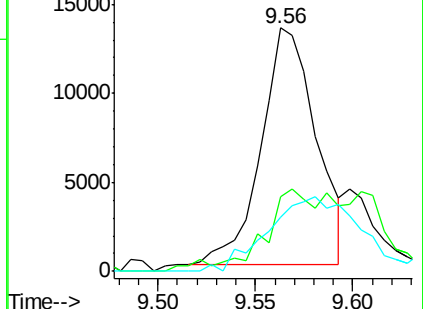
122 22.2 57.8 86.6#



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#27

2,4-Dichlorophenol

Concen: 1.339 ng/ul

RT: 10.03 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BM013794.D

Acq: 25 Jan 2018 06:45

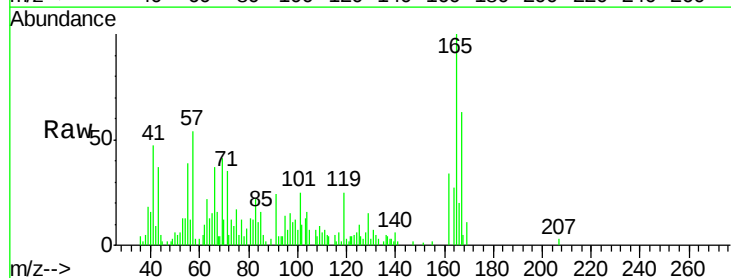
Tgt Ion:162 Resp: 13084

Ion Ratio Lower Upper

162 100

164 80.9 47.8 71.6#

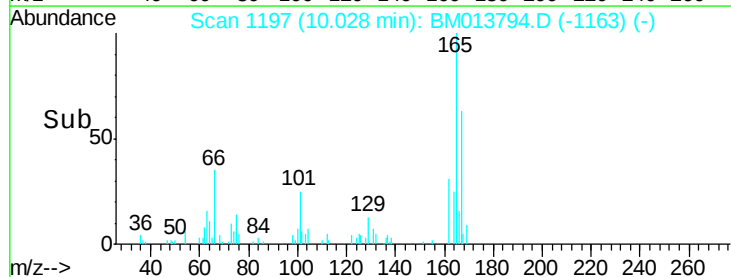
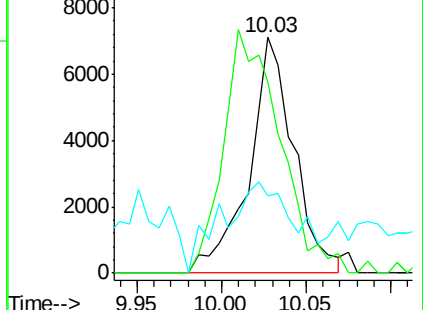
98 32.7 23.0 34.4

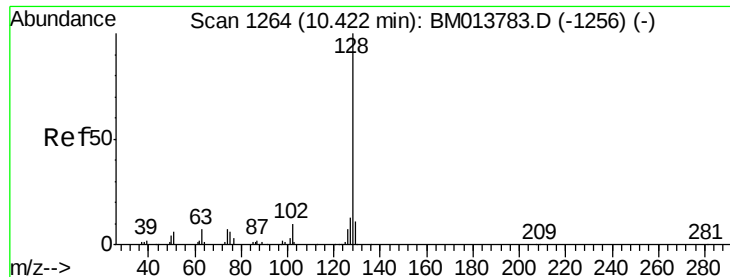


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM0

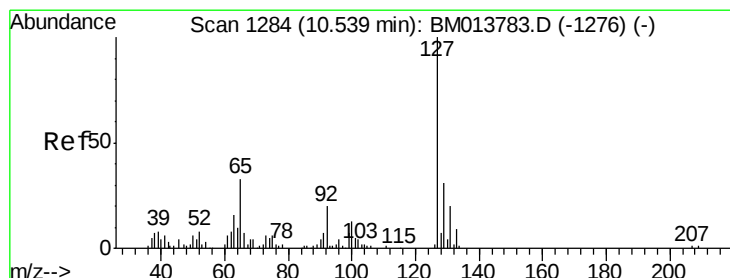
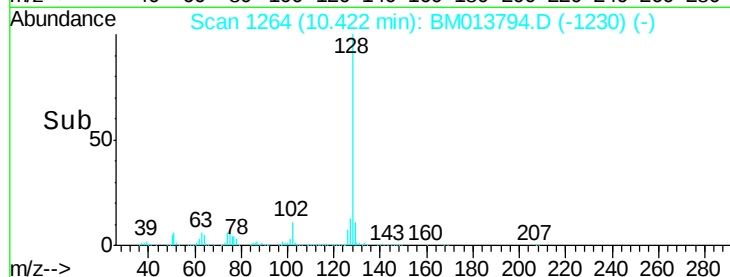
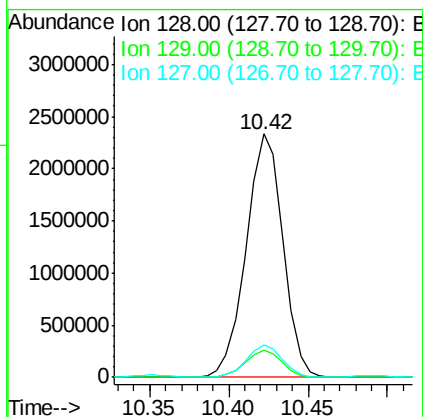
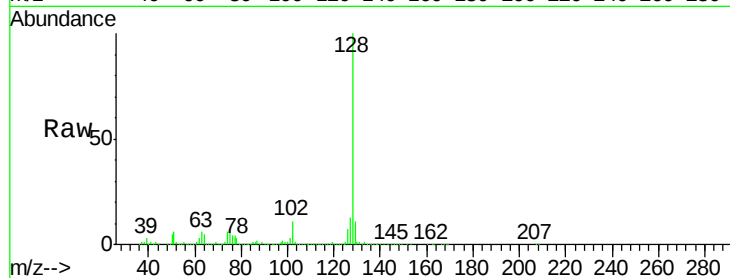




#28  
Naphthalene  
Concen: 118.057 ng/ul  
RT: 10.42 min Scan# 1264  
Delta R.T. 0.00 min  
Lab File: BM013794.D  
Acq: 25 Jan 2018 06:45

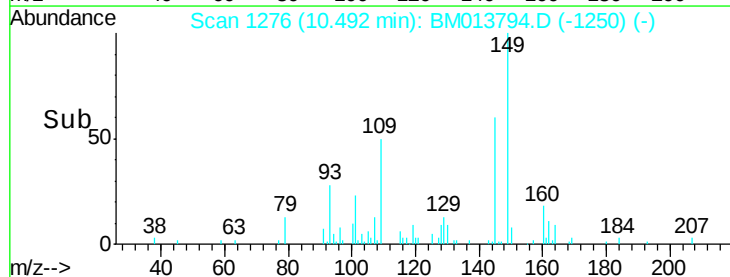
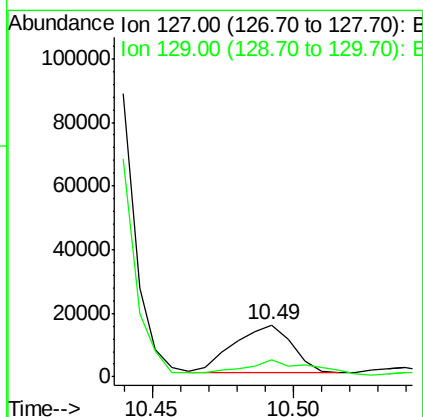
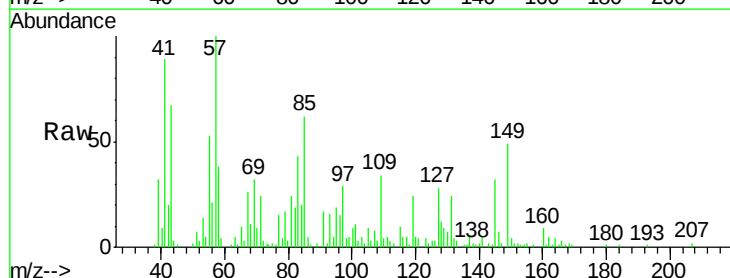
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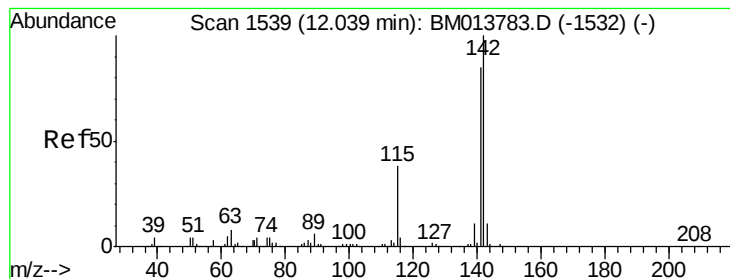
Tgt Ion:128 Resp: 3759784  
Ion Ratio Lower Upper  
128 100  
129 11.3 8.8 13.2  
127 13.3 10.6 16.0



#30  
4-Chloroaniline  
Concen: 2.455 ng/ul  
RT: 10.49 min Scan# 1276  
Delta R.T. -0.05 min  
Lab File: BM013794.D  
Acq: 25 Jan 2018 06:45

Tgt Ion:127 Resp: 21411  
Ion Ratio Lower Upper  
127 100  
129 34.1 28.4 42.6





#34

2-Methylnaphthalene

Concen: 95.289 ng/ul

RT: 12.05 min Scan# 1540

Delta R.T. 0.01 min

Lab File: BM013794.D

Acq: 25 Jan 2018 06:45

Instrument :

BNA\_M

ClientSampleId :

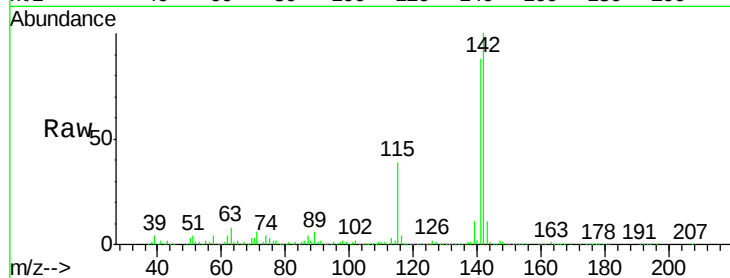
F6A80

Tgt Ion:142 Resp: 2262534

Ion Ratio Lower Upper

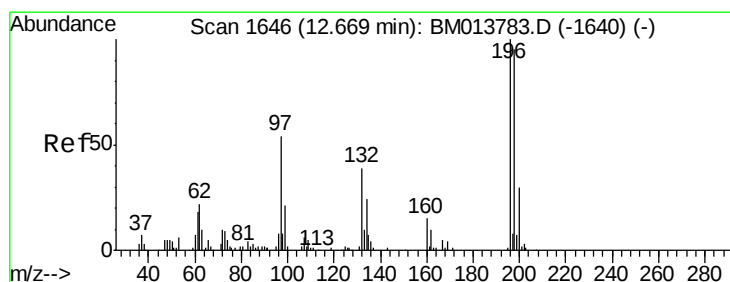
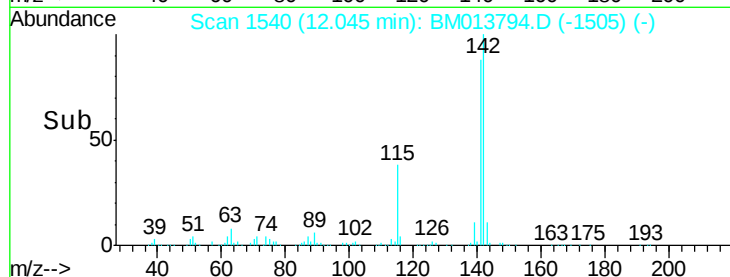
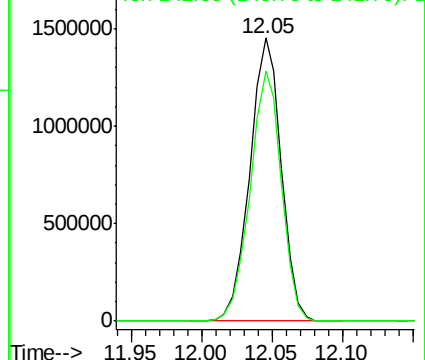
142 100

141 88.3 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#38

2,4,6-Trichlorophenol

Concen: 1.354 ng/ul

RT: 12.67 min Scan# 1647

Delta R.T. 0.01 min

Lab File: BM013794.D

Acq: 25 Jan 2018 06:45

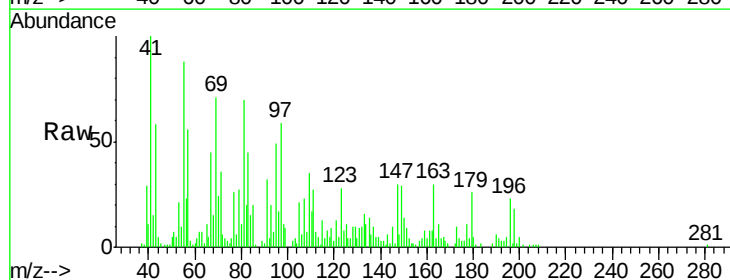
Tgt Ion:196 Resp: 14012

Ion Ratio Lower Upper

196 100

198 79.0 74.1 111.1

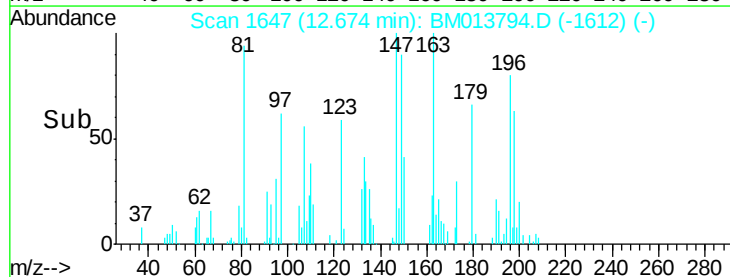
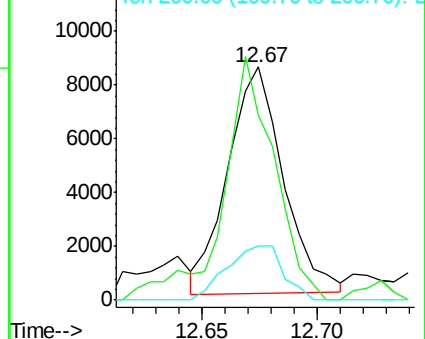
200 23.3 25.2 37.8#

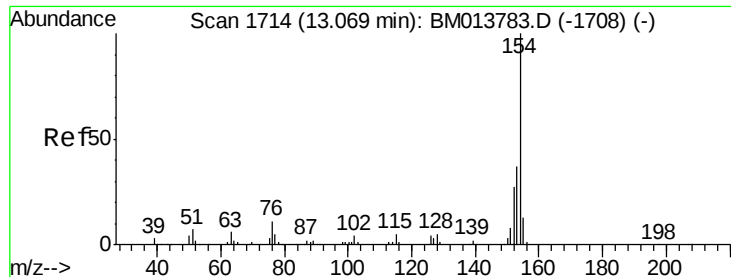


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

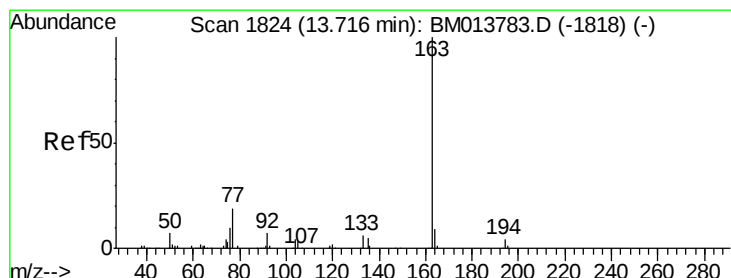
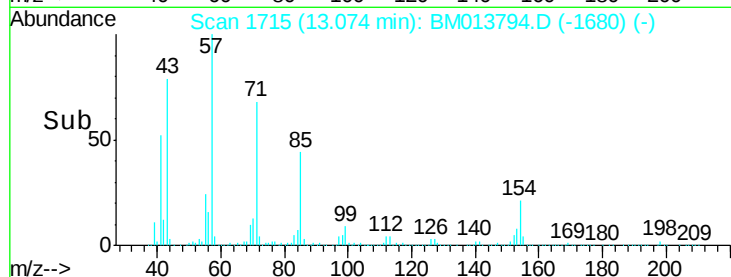
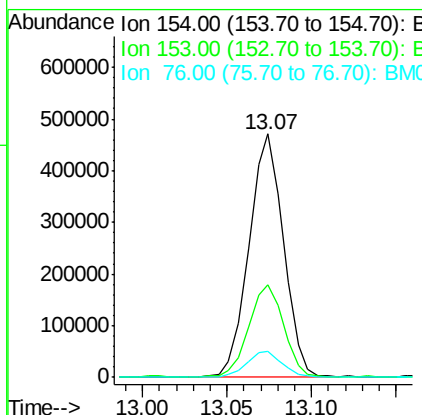
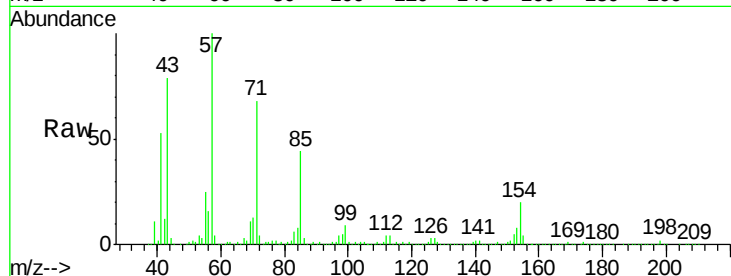




#40  
1,1'-Biphenyl  
Concen: 16.634 ng/ul  
RT: 13.07 min Scan# 1715  
Delta R.T. 0.01 min  
Lab File: BM013794.D  
Acq: 25 Jan 2018 06:45

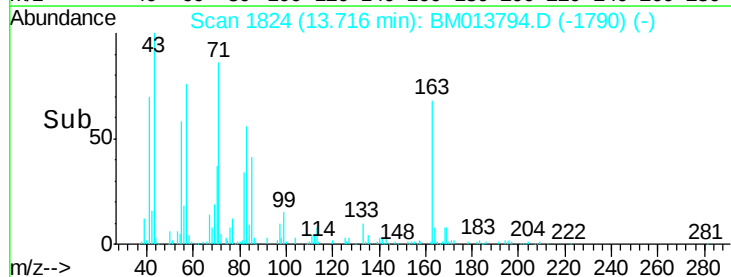
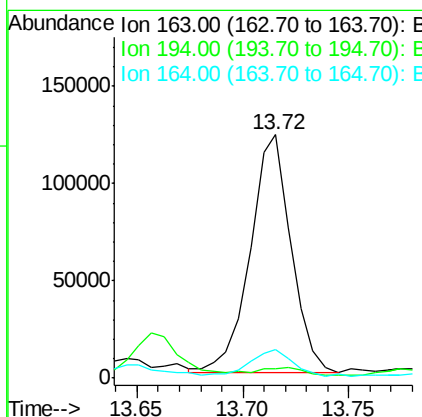
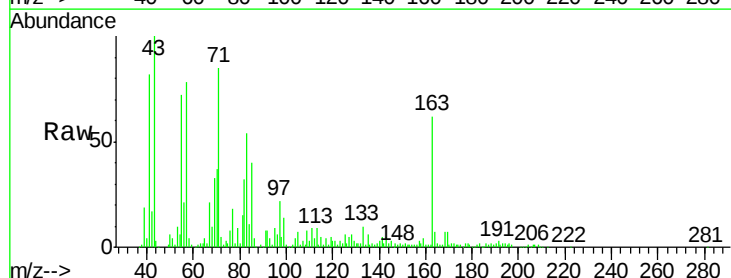
Instrument :  
BNA\_M  
ClientSampleId :  
F6A80

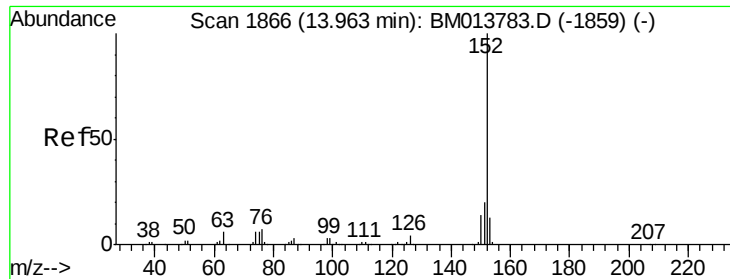
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 38.0  | 32.6  | 48.8  |
| 76      | 10.9  | 8.5   | 12.7  |



#44  
Dimethylphthalate  
Concen: 4.179 ng/ul  
RT: 13.72 min Scan# 1824  
Delta R.T. 0.00 min  
Lab File: BM013794.D  
Acq: 25 Jan 2018 06:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.7   | 3.5   | 5.3   |
| 164     | 11.5  | 8.2   | 12.4  |





#47

Acenaphthylene

Concen: 1.753 ng/ul

RT: 13.97 min Scan# 1867

Delta R.T. 0.01 min

Lab File: BM013794.D

Acq: 25 Jan 2018 06:45

Instrument :

BNA\_M

ClientSampleId :

F6A80

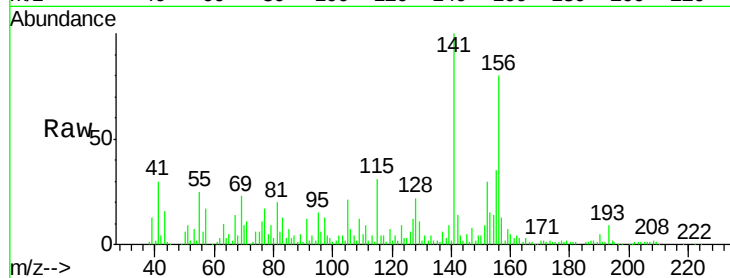
Tgt Ion:152 Resp: 81338

Ion Ratio Lower Upper

152 100

151 30.0 16.3 24.5#

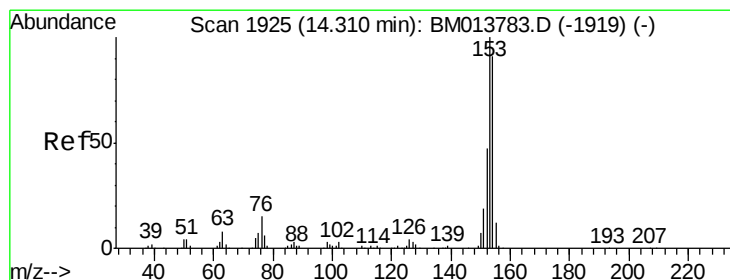
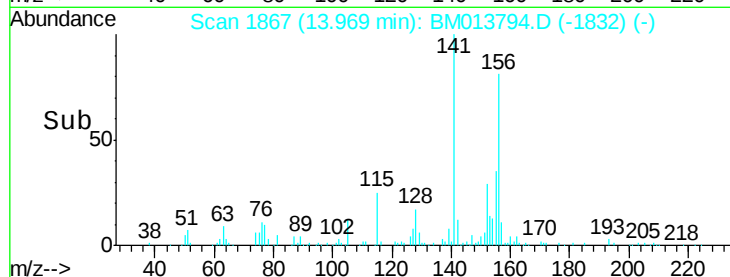
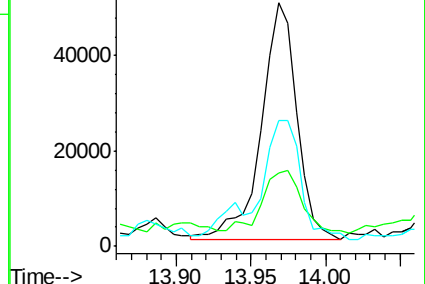
153 51.4 10.2 15.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Acenaphthene

Concen: 57.759 ng/ul

RT: 14.32 min Scan# 1926

Delta R.T. 0.01 min

Lab File: BM013794.D

Acq: 25 Jan 2018 06:45

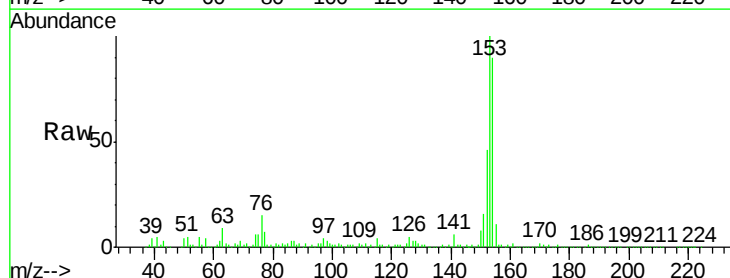
Tgt Ion:153 Resp: 1855634

Ion Ratio Lower Upper

153 100

152 46.3 37.6 56.4

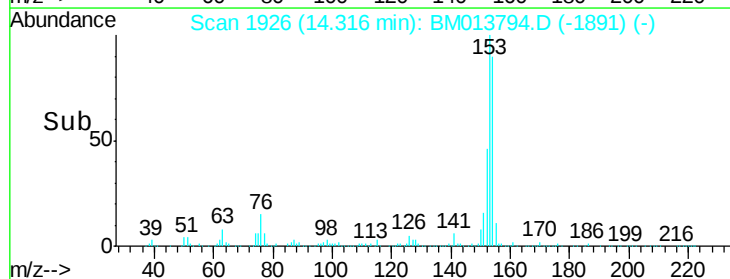
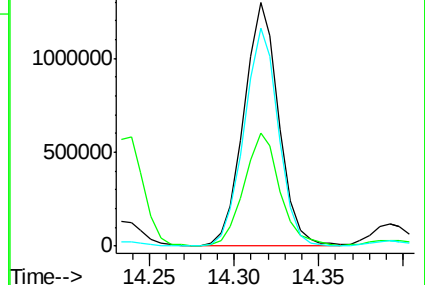
154 89.6 70.4 105.6

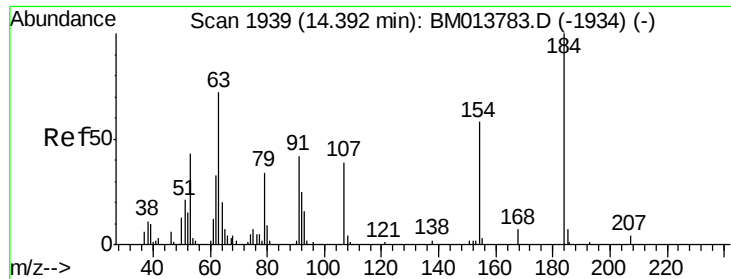


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#50

2,4-Dinitrophenol

Concen: 1.220 ng/ul

RT: 14.39 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BM013794.D

Acq: 25 Jan 2018 06:45

Instrument :

BNA\_M

ClientSampleId :

F6A80

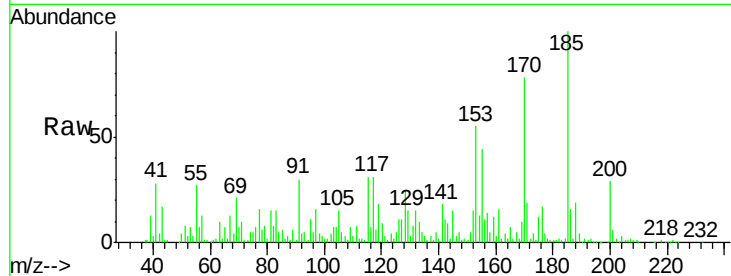
Tgt Ion:184 Resp: 5298

Ion Ratio Lower Upper

184 100

63 576.8 50.1 75.1#

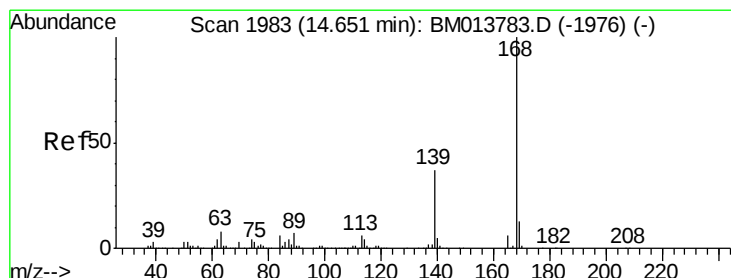
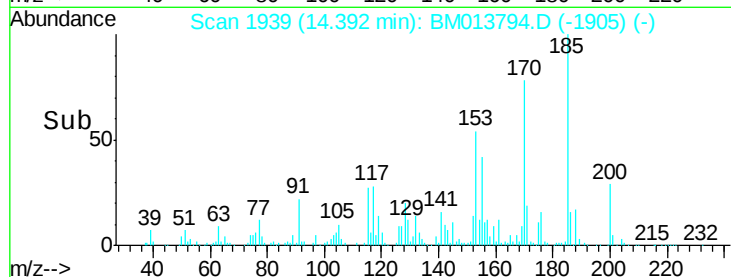
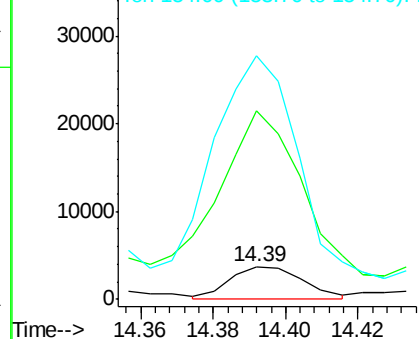
154 744.6 54.5 81.7#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E



#53

Dibenzofuran

Concen: 39.245 ng/ul

RT: 14.66 min Scan# 1984

Delta R.T. 0.01 min

Lab File: BM013794.D

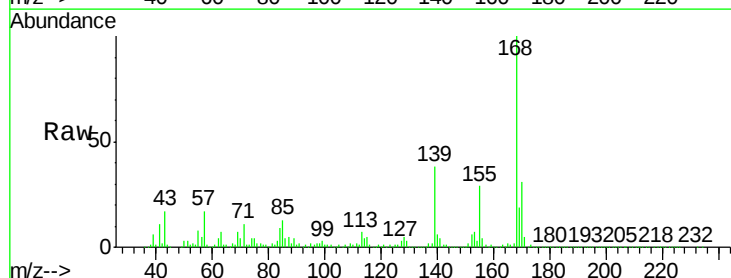
Acq: 25 Jan 2018 06:45

Tgt Ion:168 Resp: 1896762

Ion Ratio Lower Upper

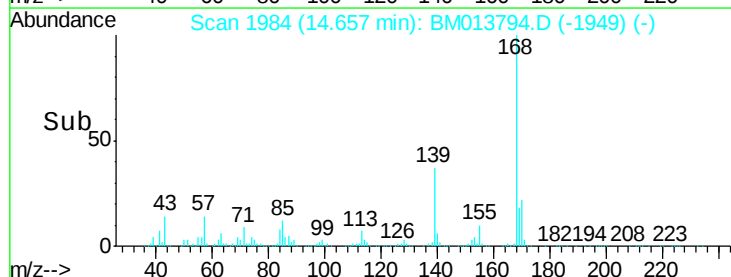
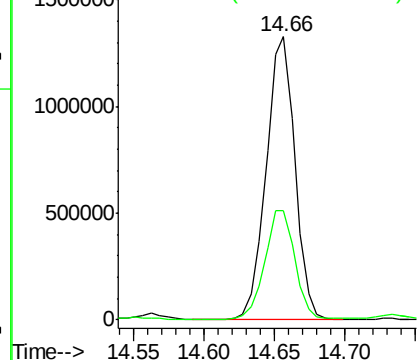
168 100

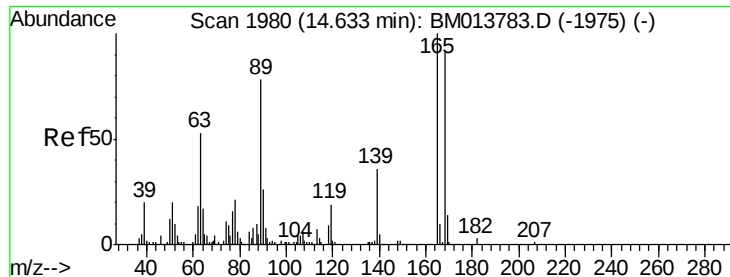
139 38.5 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

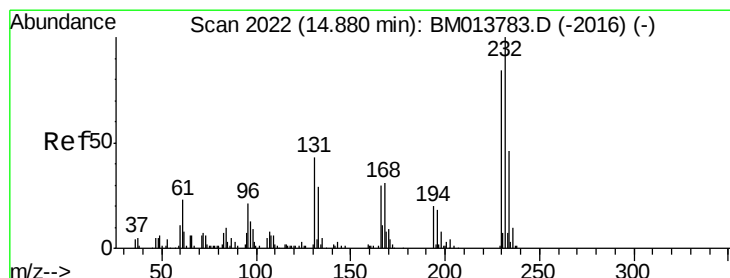
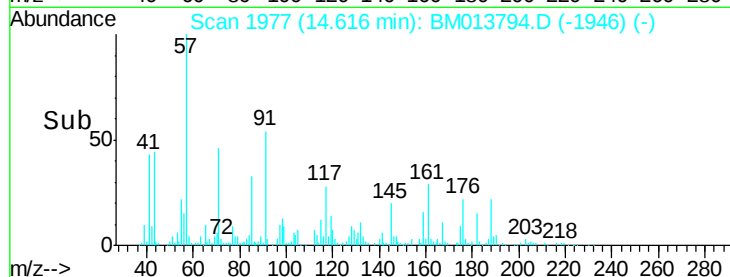
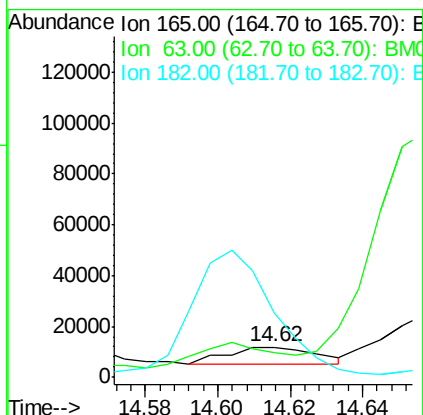
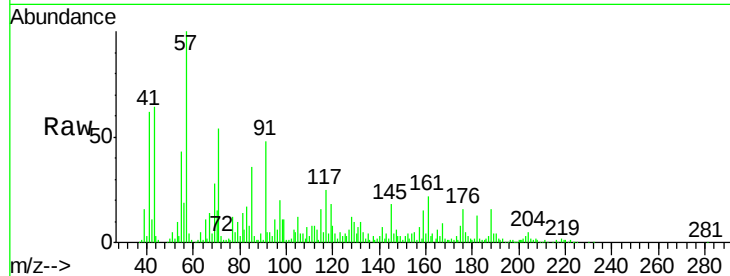




#54  
 2,4-Dinitrotoluene  
 Concen: 1.005 ng/ul  
 RT: 14.62 min Scan# 1977  
 Delta R.T. -0.02 min  
 Lab File: BM013794.D  
 Acq: 25 Jan 2018 06:45

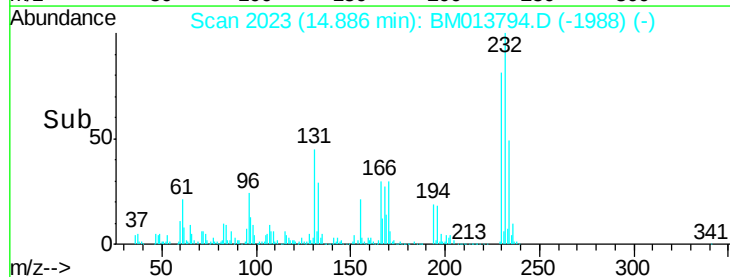
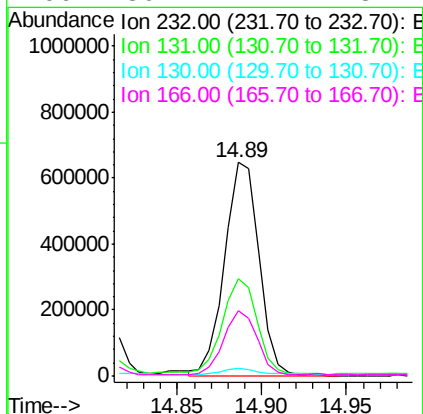
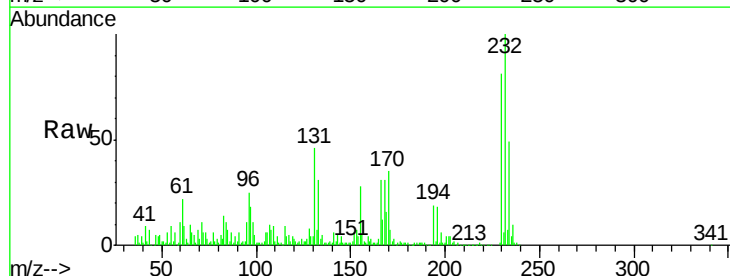
Instrument :  
 BNA\_M  
 ClientSampleId :  
 F6A80

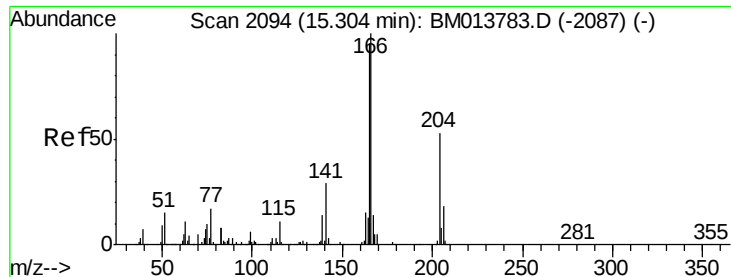
Tgt Ion:165 Resp: 11101  
 Ion Ratio Lower Upper  
 165 100  
 63 81.1 45.8 68.8#  
 182 210.0 2.6 4.0#



#55  
 2,3,4,6-Tetrachlorophenol  
 Concen: 90.197 ng/ul  
 RT: 14.89 min Scan# 2023  
 Delta R.T. 0.01 min  
 Lab File: BM013794.D  
 Acq: 25 Jan 2018 06:45

Tgt Ion:232 Resp: 913373  
 Ion Ratio Lower Upper  
 232 100  
 131 45.8 29.0 43.4#  
 130 3.8 2.0 3.0#  
 166 30.7 21.4 32.2





#58

Fluorene

Concen: 42.467 ng/ul

RT: 15.31 min Scan# 2095

Delta R.T. 0.01 min

Lab File: BM013794.D

Acq: 25 Jan 2018 06:45

Instrument :

BNA\_M

ClientSampleId :

F6A80

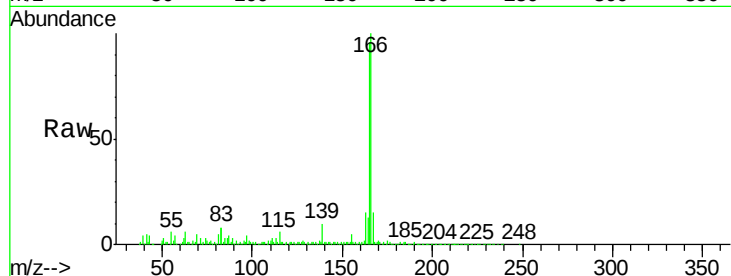
Tgt Ion:166 Resp: 1681303

Ion Ratio Lower Upper

166 100

165 95.7 77.9 116.9

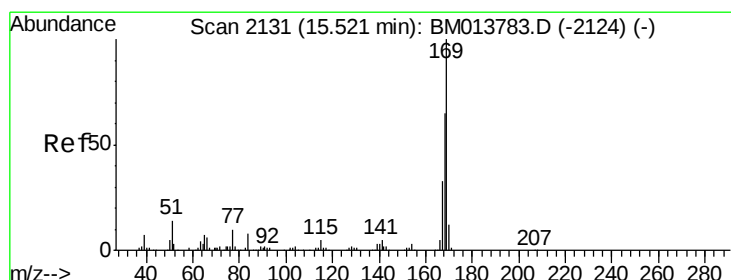
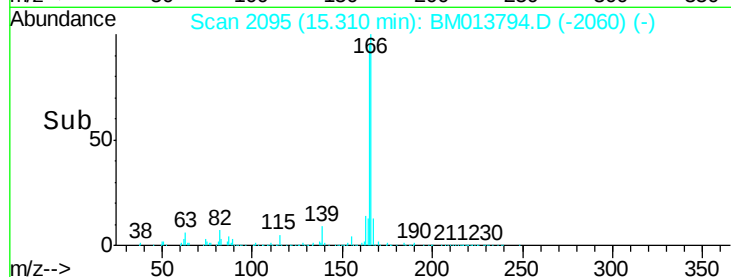
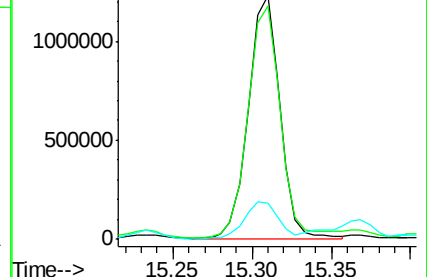
167 14.8 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#64

N-Nitrosodiphenylamine

Concen: 10.000 ng/ul

RT: 15.52 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BM013794.D

Acq: 25 Jan 2018 06:45

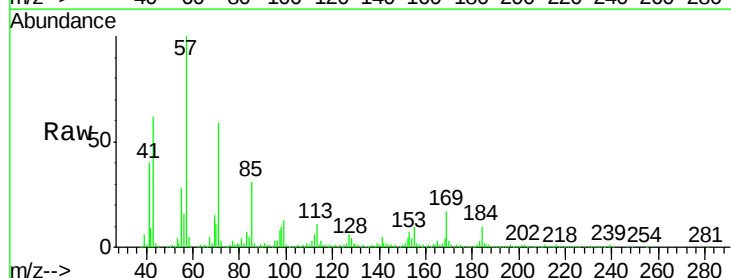
Tgt Ion:169 Resp: 216918

Ion Ratio Lower Upper

169 100

168 25.3 54.0 81.0#

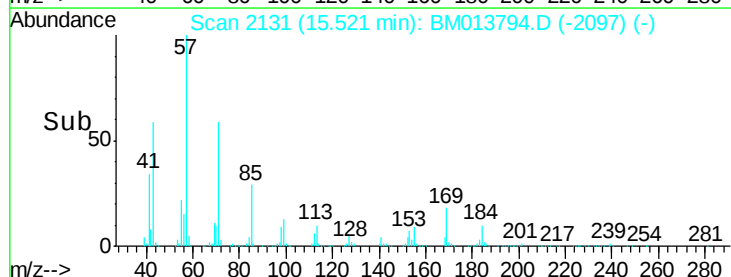
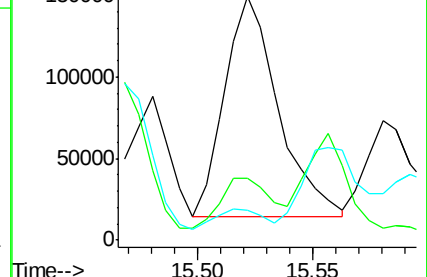
167 12.3 29.1 43.7#

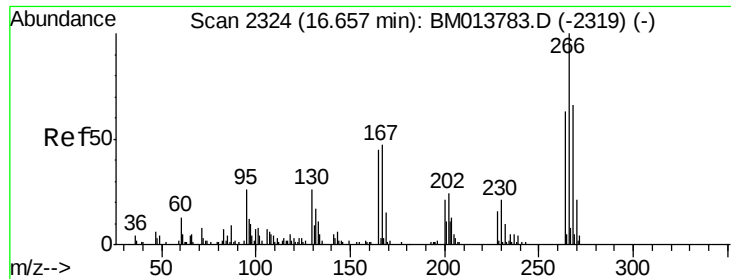


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

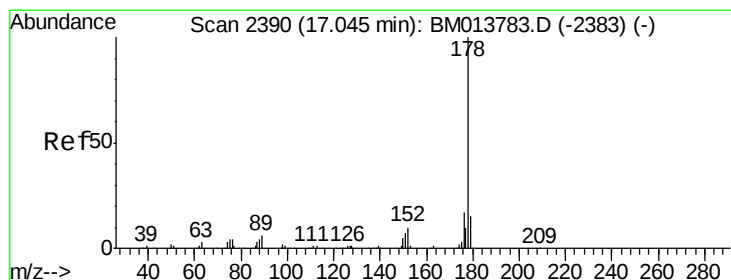
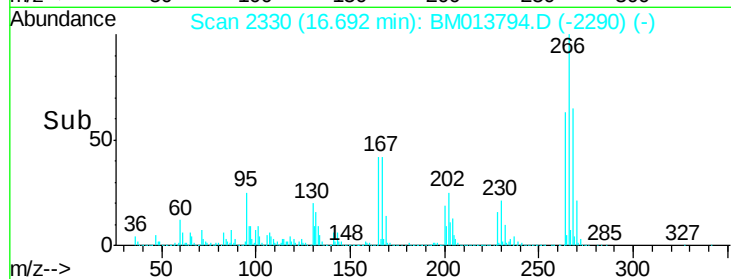
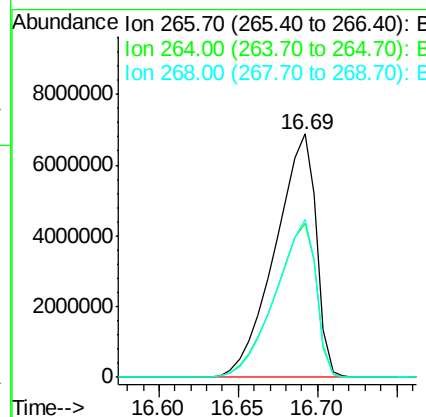
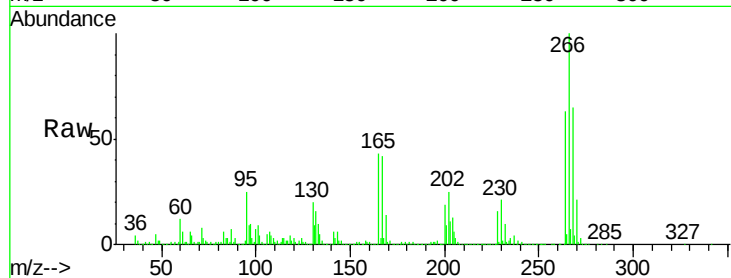




#68  
 Pentachlorophenol  
 Concen: 2486.527 ng/ul  
 RT: 16.69 min Scan# 2330  
 Delta R.T. 0.04 min  
 Lab File: BM013794.D  
 Acq: 25 Jan 2018 06:45

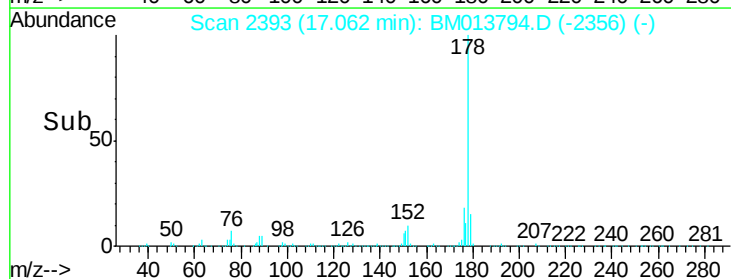
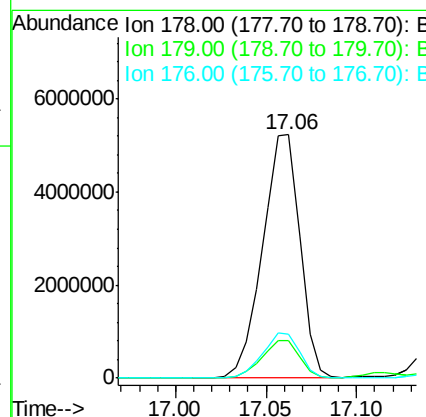
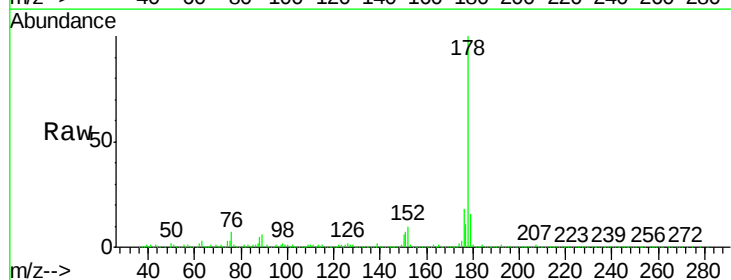
Instrument :  
 BNA\_M  
 ClientSampleId :  
 F6A80

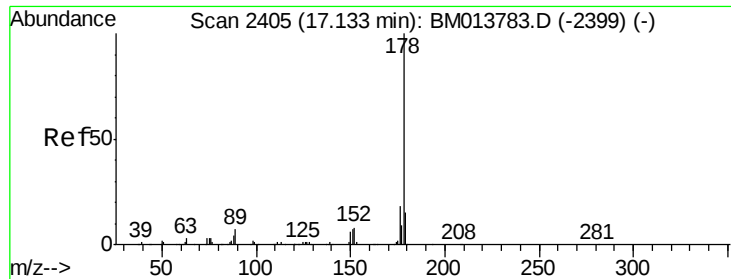
Tgt Ion:266 Resp:12389700  
 Ion Ratio Lower Upper  
 266 100  
 264 63.4 49.3 73.9  
 268 64.9 52.6 78.8



#69  
 Phenanthrene  
 Concen: 182.800 ng/ul  
 RT: 17.06 min Scan# 2393  
 Delta R.T. 0.02 min  
 Lab File: BM013794.D  
 Acq: 25 Jan 2018 06:45

Tgt Ion:178 Resp: 7494256  
 Ion Ratio Lower Upper  
 178 100  
 179 15.6 12.6 19.0  
 176 18.2 14.9 22.3

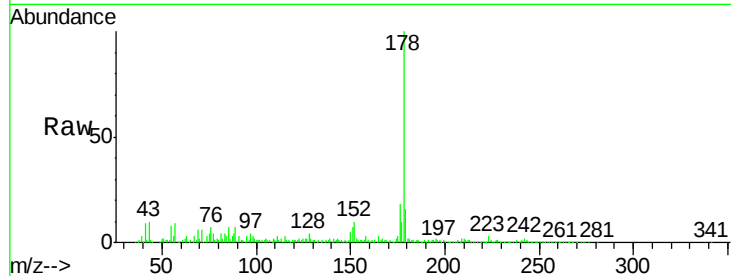




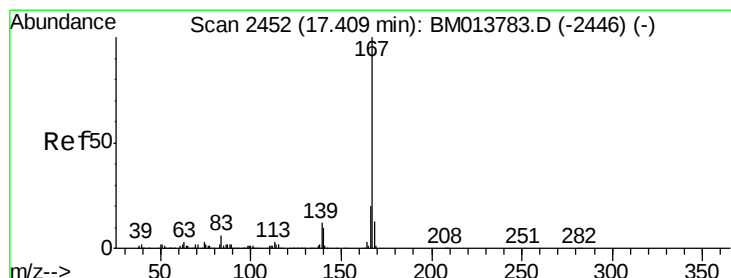
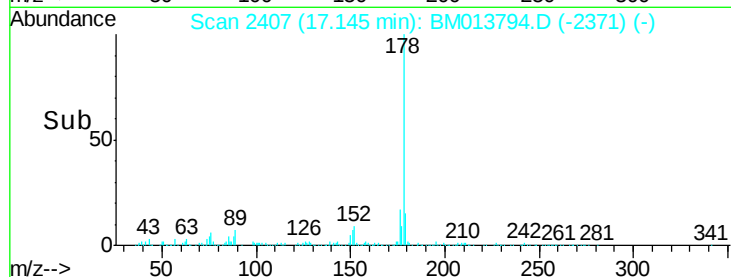
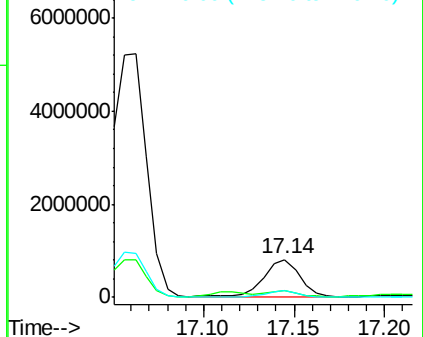
#71  
 Anthracene  
 Concen: 26.430 ng/ul  
 RT: 17.14 min Scan# 2407  
 Delta R.T. 0.01 min  
 Lab File: BM013794.D  
 Acq: 25 Jan 2018 06:45

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F6A80

Tgt Ion:178 Resp: 1117640  
 Ion Ratio Lower Upper  
 178 100  
 179 16.5 11.7 17.5  
 176 17.6 14.6 21.8

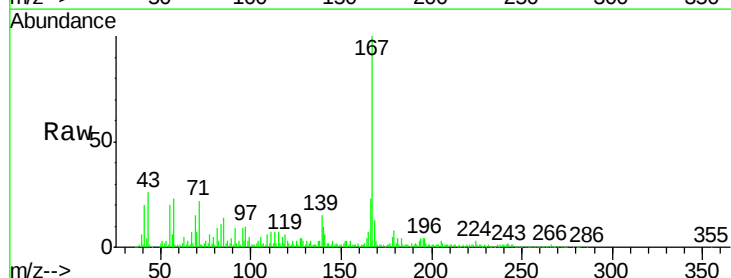


Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 176.00 (175.70 to 176.70): E

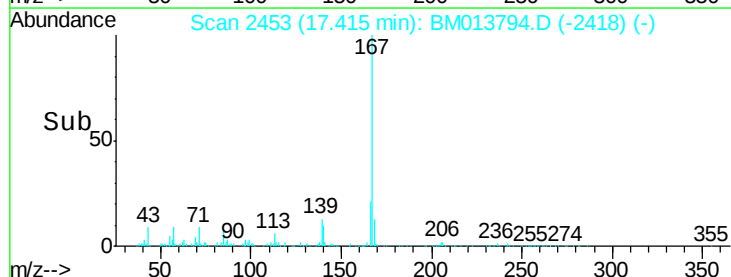
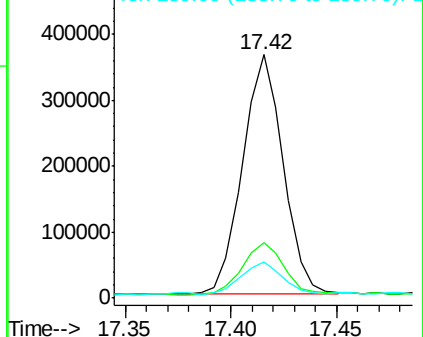


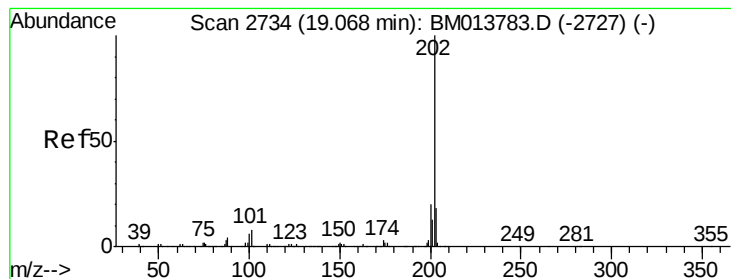
#72  
 Carbazole  
 Concen: 13.870 ng/ul  
 RT: 17.42 min Scan# 2453  
 Delta R.T. 0.01 min  
 Lab File: BM013794.D  
 Acq: 25 Jan 2018 06:45

Tgt Ion:167 Resp: 484131  
 Ion Ratio Lower Upper  
 167 100  
 166 22.6 17.1 25.7  
 139 14.8 10.0 15.0



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: 59.122 ng/ul

RT: 19.07 min Scan# 2735

Delta R.T. 0.01 min

Lab File: BM013794.D

Acq: 25 Jan 2018 06:45

Instrument :

BNA\_M

ClientSampleId :

F6A80

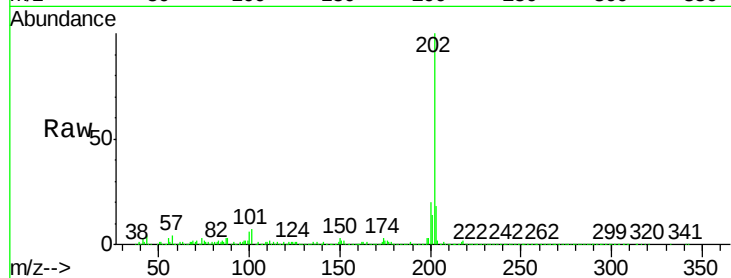
Tgt Ion:202 Resp: 2893281

Ion Ratio Lower Upper

202 100

101 7.3 4.6 7.0#

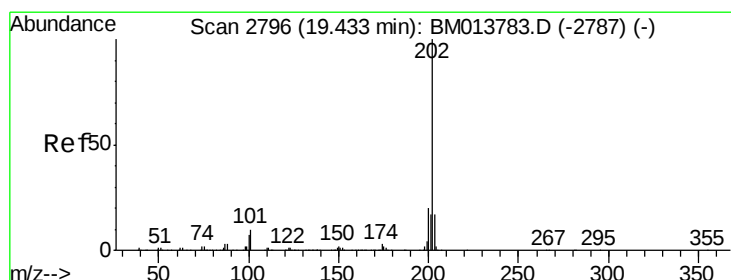
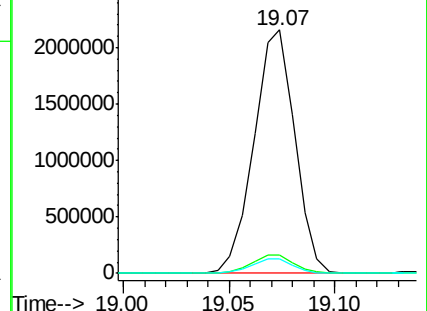
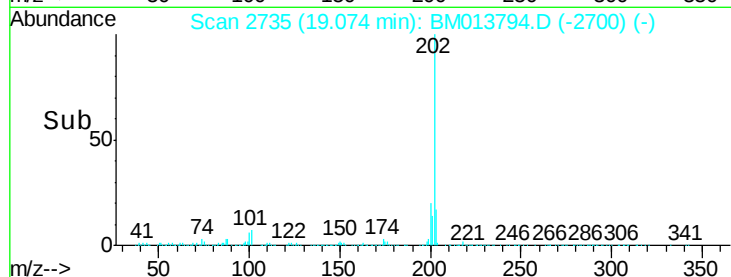
100 6.0 3.4 5.2#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 46.070 ng/ul

RT: 19.44 min Scan# 2797

Delta R.T. 0.01 min

Lab File: BM013794.D

Acq: 25 Jan 2018 06:45

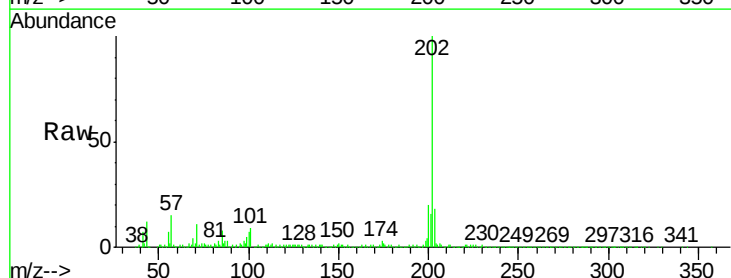
Tgt Ion:202 Resp: 2114811

Ion Ratio Lower Upper

202 100

101 8.5 5.1 7.7#

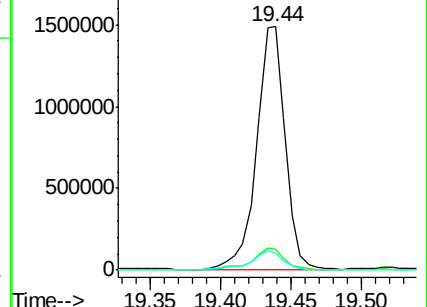
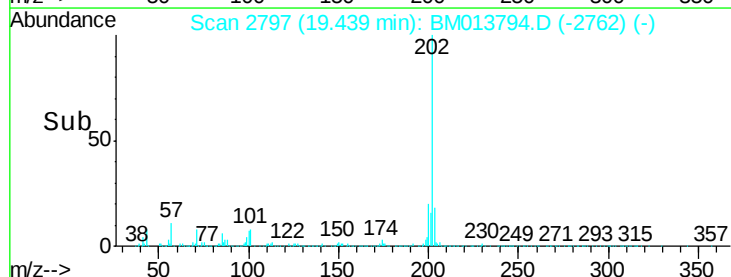
100 6.8 4.9 7.3

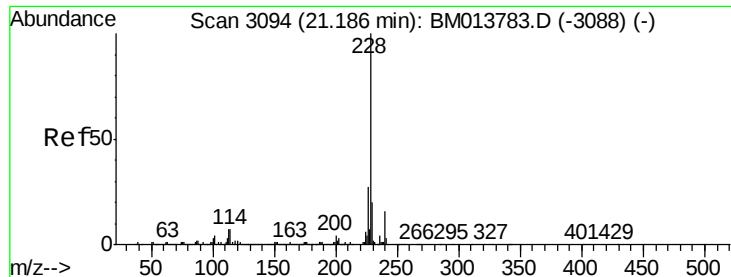


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 7.320 ng/ul

RT: 21.19 min Scan# 3094

Delta R.T. 0.00 min

Lab File: BM013794.D

Acq: 25 Jan 2018 06:45

Instrument :

BNA\_M

ClientSampleId :

F6A80

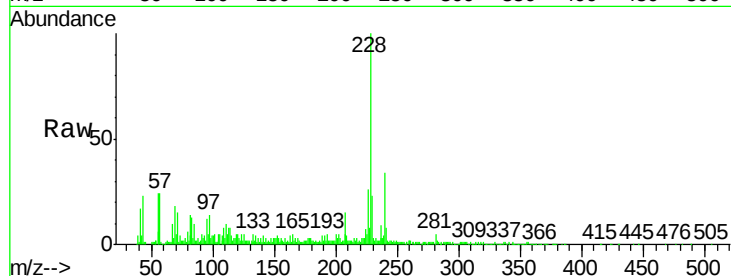
Tgt Ion:228 Resp: 334005

Ion Ratio Lower Upper

228 100

229 22.8 15.4 23.0

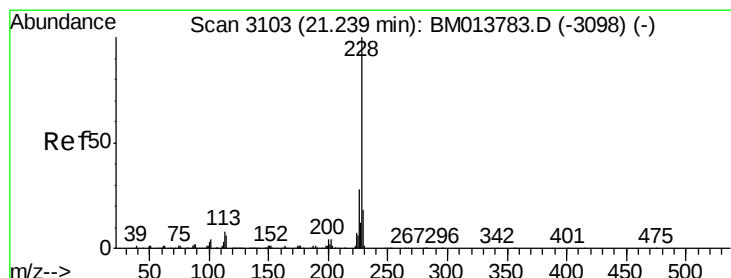
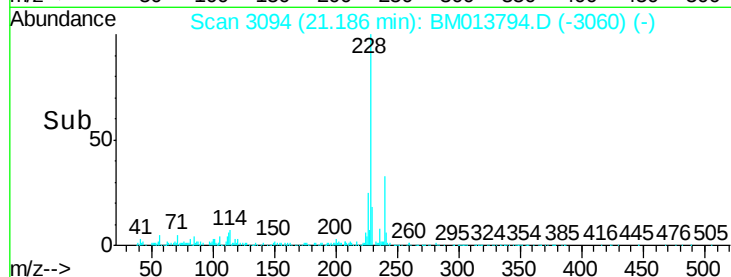
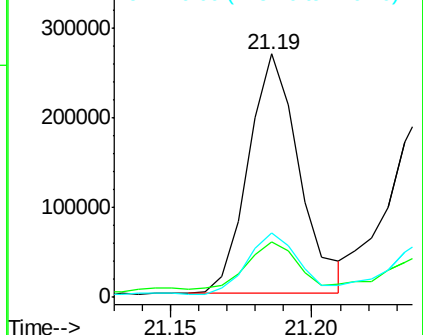
226 26.4 21.4 32.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#82

Chrysene

Concen: 6.711 ng/ul

RT: 21.24 min Scan# 3103

Delta R.T. 0.00 min

Lab File: BM013794.D

Acq: 25 Jan 2018 06:45

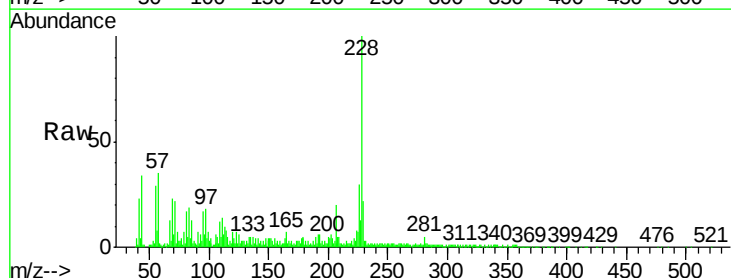
Tgt Ion:228 Resp: 280904

Ion Ratio Lower Upper

228 100

226 29.8 23.4 35.2

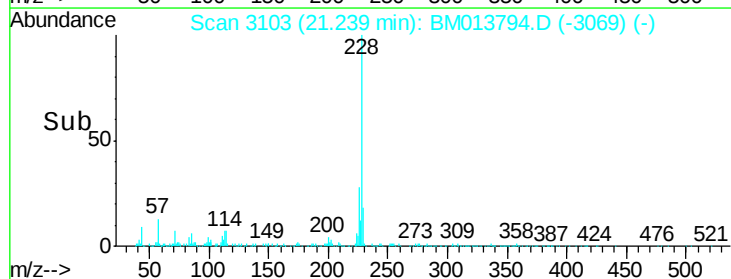
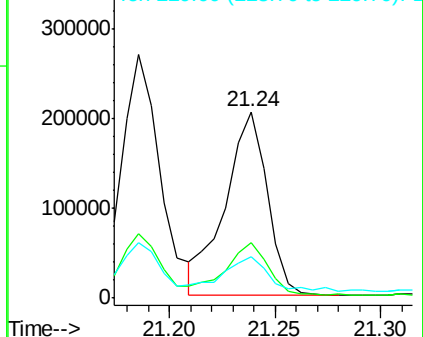
229 21.9 15.5 23.3

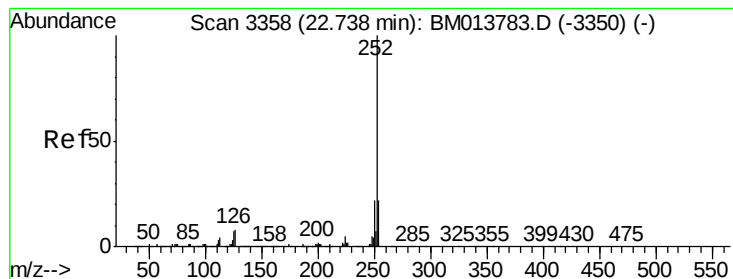


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 2.378 ng/ul

RT: 22.74 min Scan# 3359

Delta R.T. 0.01 min

Lab File: BM013794.D

Acq: 25 Jan 2018 06:45

Instrument :

BNA\_M

ClientSampleId :

F6A80

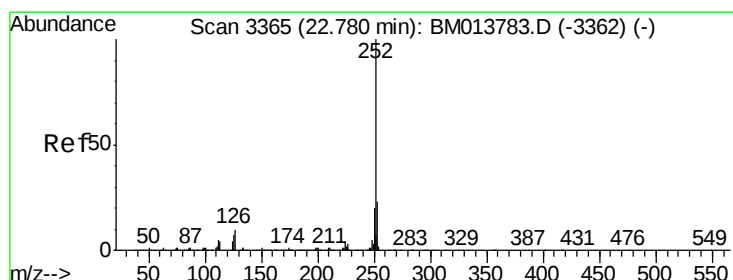
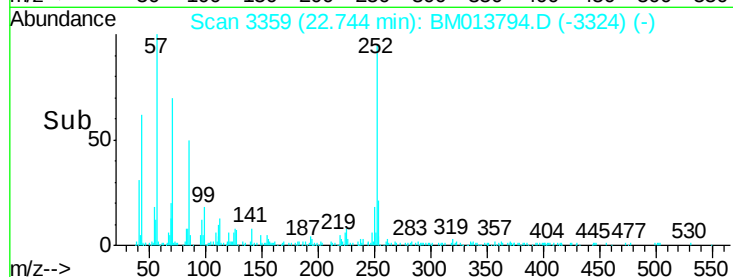
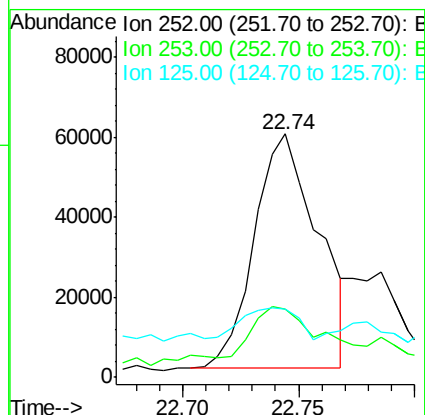
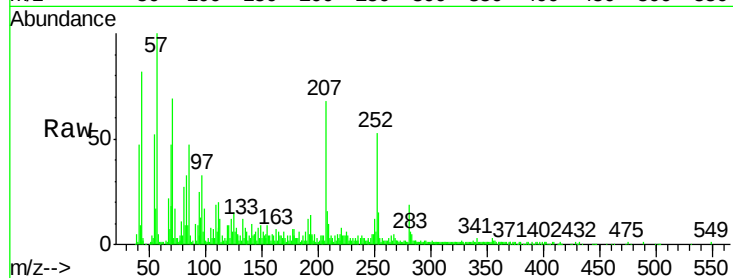
Tgt Ion:252 Resp: 112263

Ion Ratio Lower Upper

252 100

253 28.3 17.9 26.9#

125 28.0 3.6 5.4#



#86

Benzo(k)fluoranthene

Concen: 2.461 ng/ul

RT: 22.74 min Scan# 3359

Delta R.T. -0.04 min

Lab File: BM013794.D

Acq: 25 Jan 2018 06:45

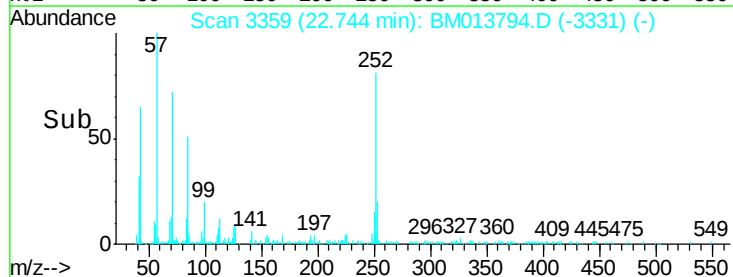
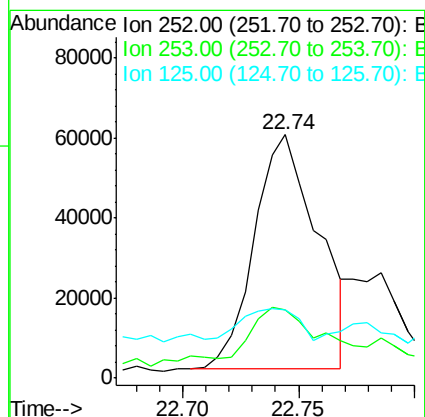
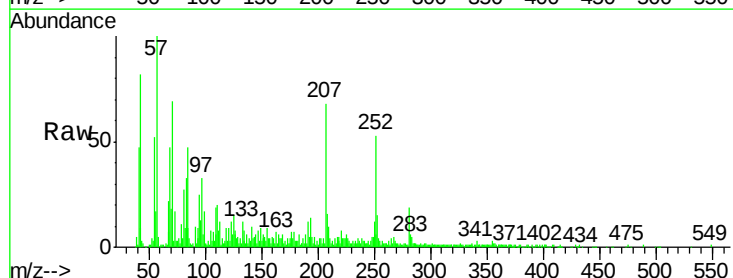
Tgt Ion:252 Resp: 112263

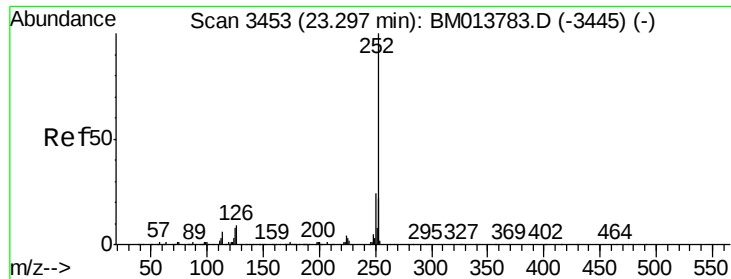
Ion Ratio Lower Upper

252 100

253 28.3 17.1 25.7#

125 28.0 3.4 5.2#





#88

Benzo(a)pyrene

Concen: 1.410 ng/ul

RT: 23.30 min Scan# 3454

Delta R.T. 0.01 min

Lab File: BM013794.D

Acq: 25 Jan 2018 06:45

Instrument :

BNA\_M

ClientSampleId :

F6A80

Tgt Ion:252 Resp: 62890

Ion Ratio Lower Upper

252 100

253 37.4 18.2 27.2#

125 30.7 4.0 6.0#

