

Data File : BM017482.D  
Acq On : 02 Nov 2018 01:14  
Operator : MJ/SJ  
Sample : J5657-17MS  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A40F1MS

Quant Time: Nov 02 04:23:38 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102418MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Nov 02 02:41:22 2018  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.64  | 152  | 257721   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.41 | 136  | 1212001  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.28 | 164  | 743915   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.04 | 188  | 1763313  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.23 | 240  | 2081525  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.44 | 264  | 2035482  | 20.00 | ng/ul | 0.00     |

System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.22  | 96  | 18970   | 3.39  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.82  | 99  | 497659  | 21.14 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.99  | 67  | 307750  | 22.41 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.17  | 132 | 405145  | 22.20 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.35  | 113 | 341554  | 18.35 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.79  | 128 | 206287  | 21.78 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.50  | 143 | 236308  | 22.24 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.04 | 165 | 409685  | 20.76 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.56 | 131 | 475533  | 29.52 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.70 | 166 | 1469787 | 23.04 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.97 | 160 | 1822143 | 23.52 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.51 | 143 | 219048  | 18.38 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.28 | 176 | 1324601 | 23.91 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.41 | 200 | 200470  | 16.32 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.13 | 188 | 2078132 | 23.81 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.44 | 212 | 2485174 | 25.77 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.30 | 264 | 2652643 | 24.68 | ng/ul | 0.00 |

Target Compounds

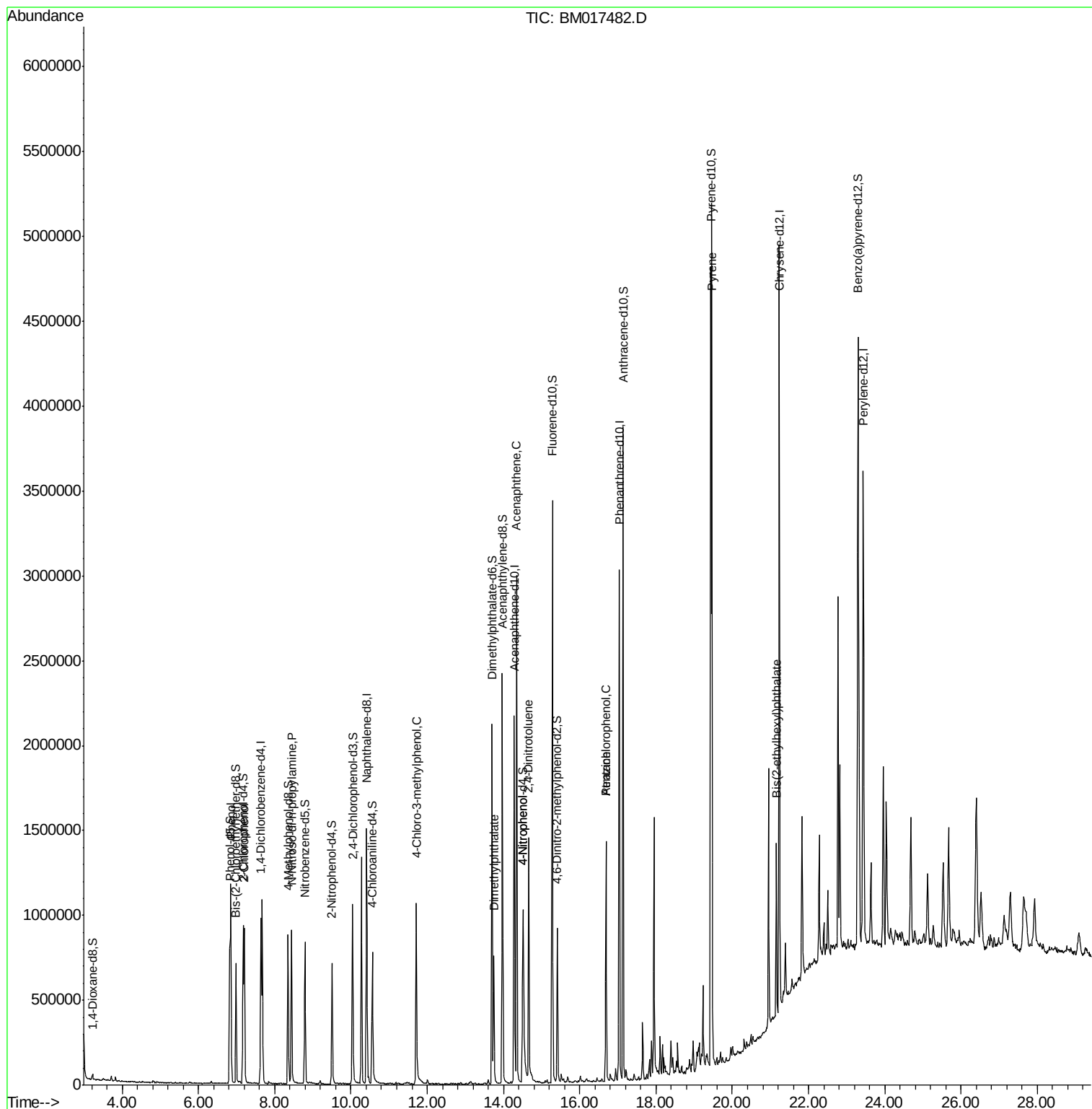
|                                |       |     |         |        |        | Qvalue |
|--------------------------------|-------|-----|---------|--------|--------|--------|
| 6) Phenol                      | 6.85  | 94  | 624135  | 26.700 | ng/ul  | 99     |
| 10) 2-Chlorophenol             | 7.20  | 128 | 388093  | 21.167 | ng/ul  | 98     |
| 15) N-Nitroso-di-n-propylamine | 8.45  | 70  | 328062  | 23.287 | ng/ul  | 99     |
| 33) 4-Chloro-3-methylphenol    | 11.71 | 107 | 449870  | 21.642 | ng/ul  | 97     |
| 45) Dimethylphthalate          | 13.74 | 163 | 474786  | 7.682  | ng/ul  | 99     |
| 50) Acenaphthene               | 14.34 | 153 | 1190354 | 22.869 | ng/ul  | 98     |
| 53) 4-Nitrophenol              | 14.52 | 109 | 170352  | 18.851 | ng/ul  | 90     |
| 55) 2,4-Dinitrotoluene         | 14.66 | 165 | 424769  | 22.952 | ng/ul  | 99     |
| 68) Atrazine                   | 16.69 | 200 | 36551   | 1.875  | ng/ul# | 35     |
| 69) Pentachlorophenol          | 16.69 | 266 | 247874  | 17.767 | ng/ul  | 99     |
| 80) Pyrene                     | 19.47 | 202 | 3080457 | 25.485 | ng/ul  | 99     |
| 84) Bis(2-ethylhexyl)phthalate | 21.16 | 149 | 334704  | 4.747  | ng/ul  | 99     |

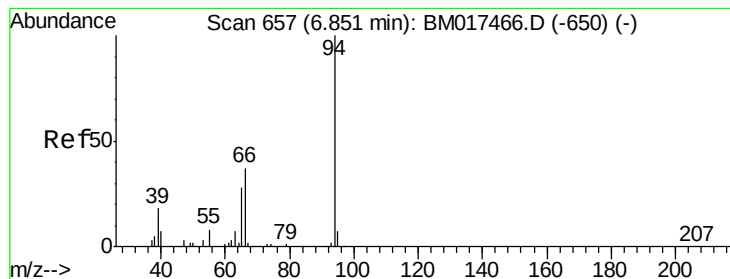
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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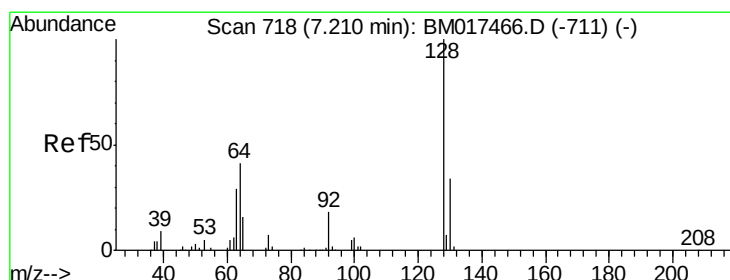
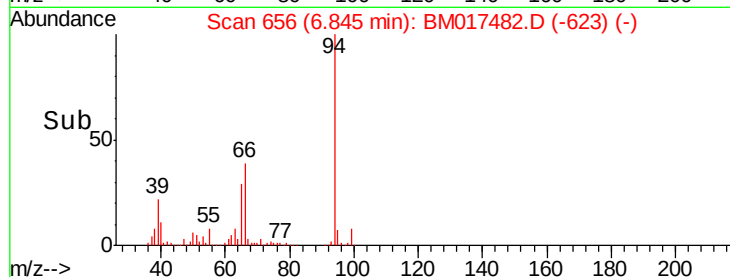
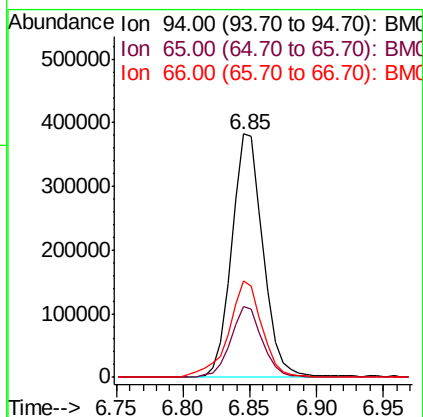
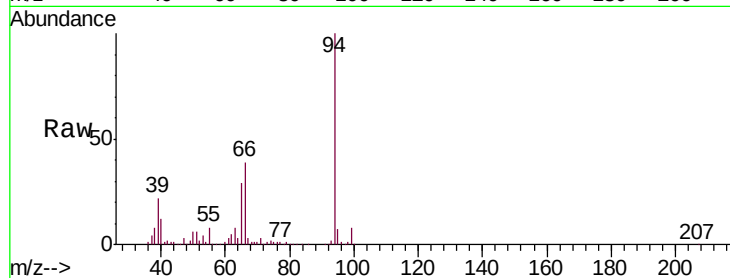
#6

Phenol

Concen: 26.700 ng/ul  
 RT: 6.85 min Scan# 656  
 Delta R.T. -0.01 min  
 Lab File: BM017482.D  
 Acq: 02 Nov 2018 01:14

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A40F1MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 28.9  | 24.0  | 36.0  |
| 66      | 39.4  | 31.1  | 46.7  |

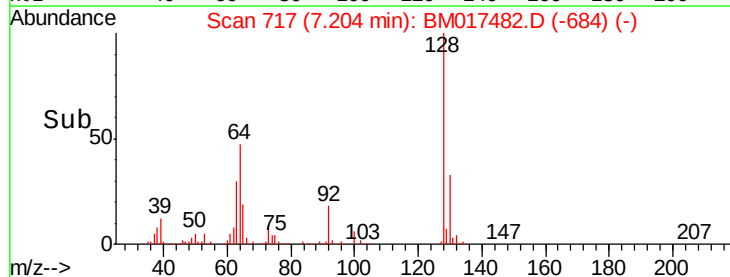
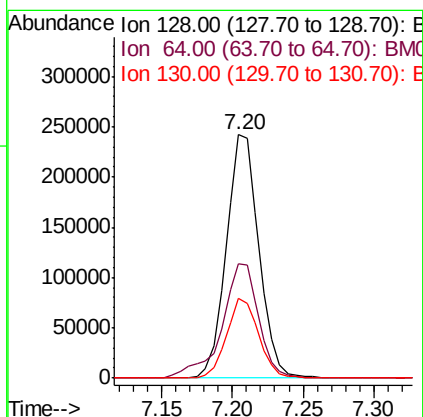
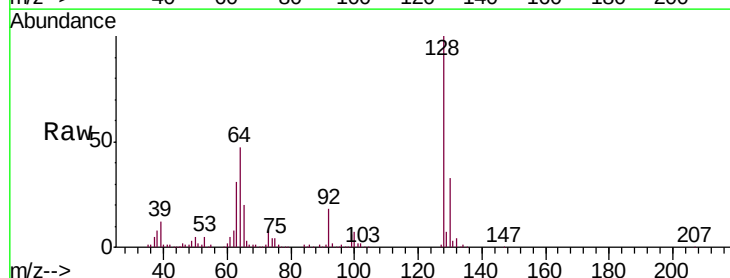


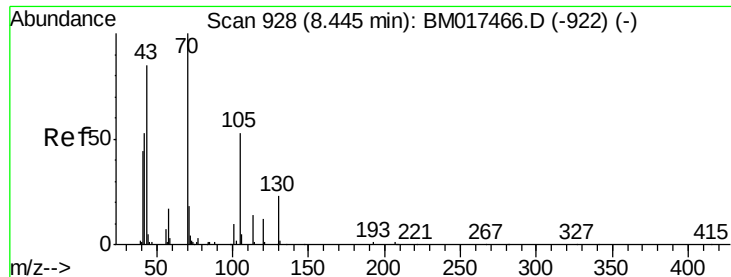
#10

2-Chlorophenol

Concen: 21.167 ng/ul  
 RT: 7.20 min Scan# 717  
 Delta R.T. -0.01 min  
 Lab File: BM017482.D  
 Acq: 02 Nov 2018 01:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 64      | 47.0  | 36.2  | 54.2  |
| 130     | 33.0  | 26.0  | 39.0  |

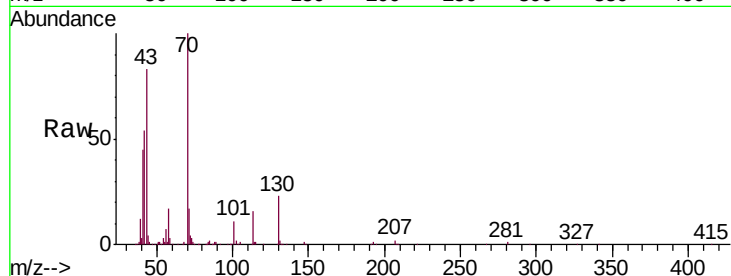




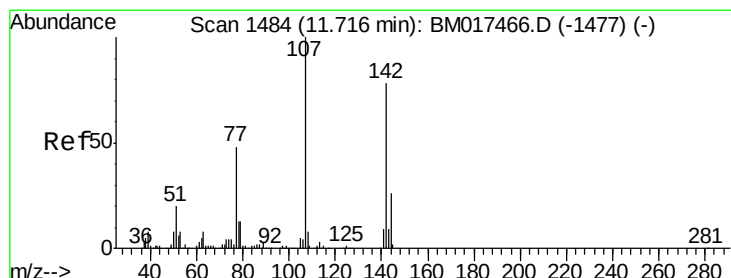
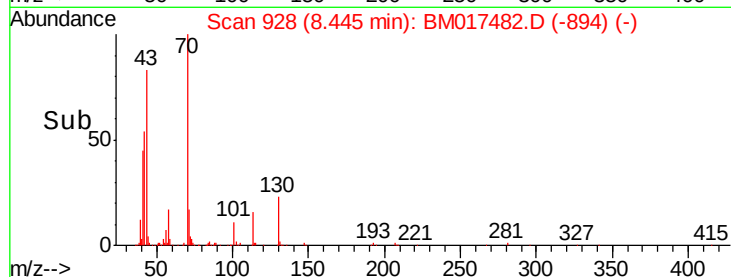
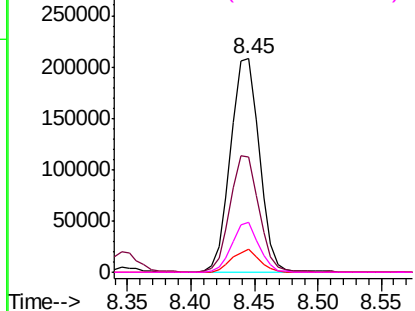
#15  
N-Nitroso-di-n-propylamine  
Concen: 23.287 ng/ul  
RT: 8.45 min Scan# 928  
Delta R.T. 0.00 min  
Lab File: BM017482.D  
Acq: 02 Nov 2018 01:14

Instrument :  
BNA\_M  
ClientSampleId :  
A40F1MS

Tgt Ion: 70 Resp: 328062  
Ion Ratio Lower Upper  
70 100  
42 53.9 43.7 65.5  
101 10.5 8.0 12.0  
130 23.4 17.8 26.8

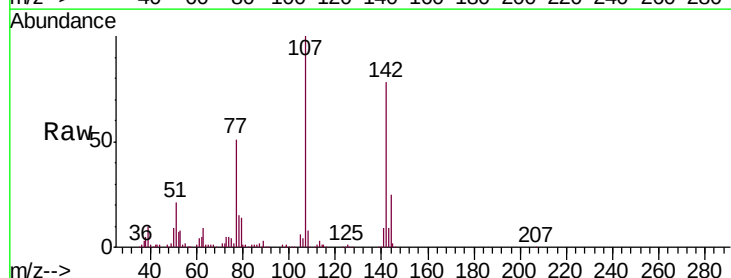


Abundance Ion 70.00 (69.70 to 70.70): BM0  
Ion 42.00 (41.70 to 42.70): BM0  
Ion 101.00 (100.70 to 101.70): E  
Ion 130.00 (129.70 to 130.70): E

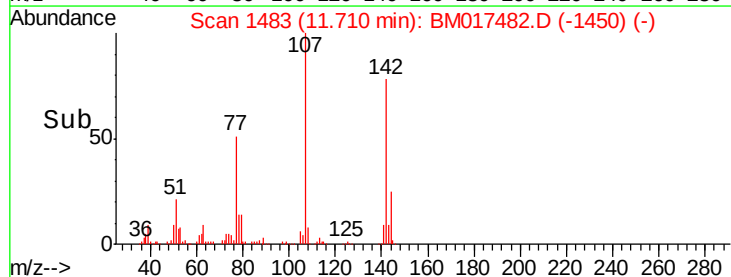
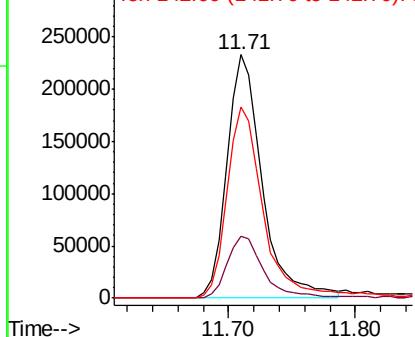


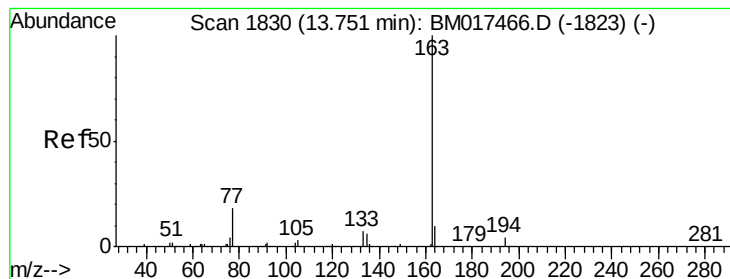
#33  
4-Chloro-3-methylphenol  
Concen: 21.642 ng/ul  
RT: 11.71 min Scan# 1483  
Delta R.T. -0.01 min  
Lab File: BM017482.D  
Acq: 02 Nov 2018 01:14

Tgt Ion: 107 Resp: 449870  
Ion Ratio Lower Upper  
107 100  
144 25.3 21.8 32.6  
142 78.3 65.0 97.4



Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 144.00 (143.70 to 144.70): E  
Ion 142.00 (141.70 to 142.70): E





#45

Dimethylphthalate

Concen: 7.682 ng/ul

RT: 13.74 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BM017482.D

Acq: 02 Nov 2018 01:14

Instrument :

BNA\_M

ClientSampleId :

A40F1MS

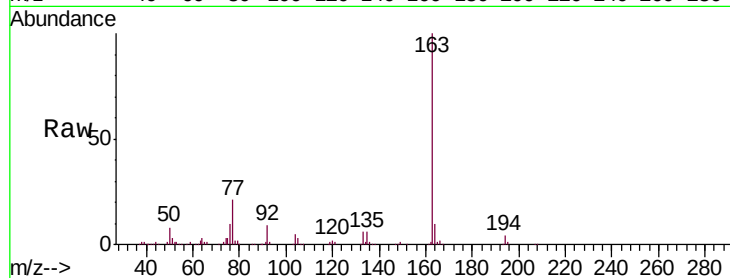
Tgt Ion:163 Resp: 474786

Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

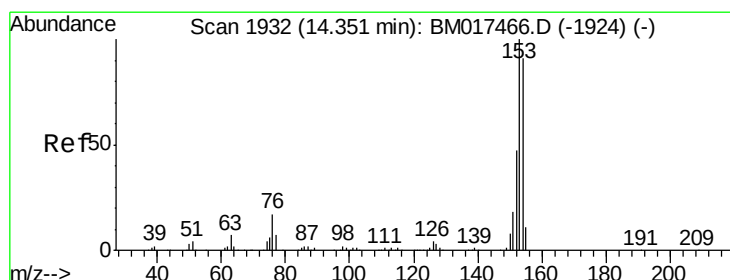
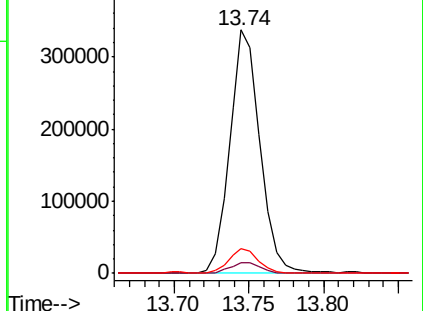
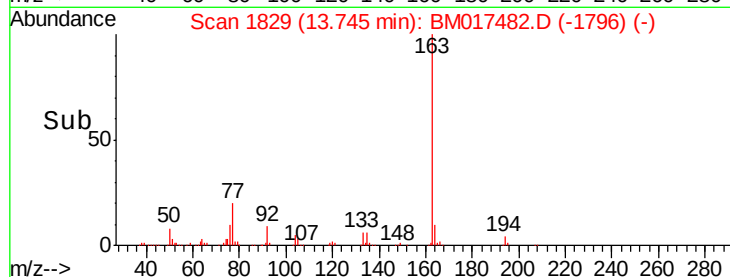
164 9.9 8.1 12.1



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



#50

Acenaphthene

Concen: 22.869 ng/ul

RT: 14.34 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BM017482.D

Acq: 02 Nov 2018 01:14

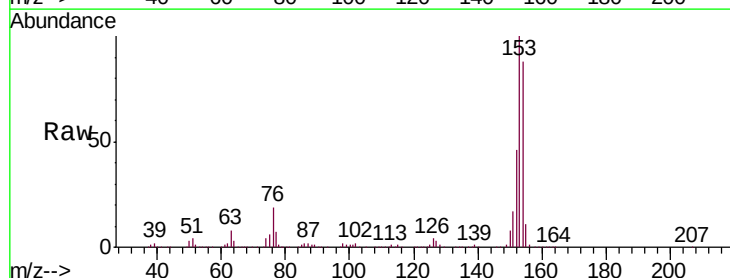
Tgt Ion:153 Resp: 1190354

Ion Ratio Lower Upper

153 100

152 46.1 36.9 55.3

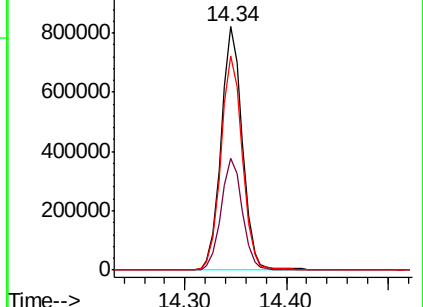
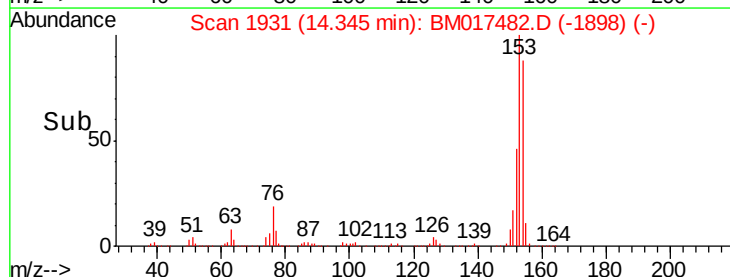
154 88.1 72.2 108.4

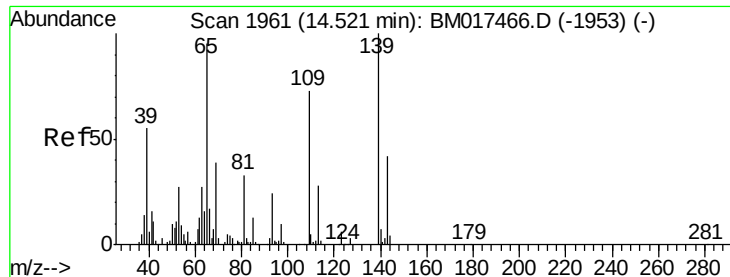


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 18.851 ng/ul

RT: 14.52 min Scan# 1961

Delta R.T. 0.00 min

Lab File: BM017482.D

Acq: 02 Nov 2018 01:14

Instrument :

BNA\_M

ClientSampleId :

A40F1MS

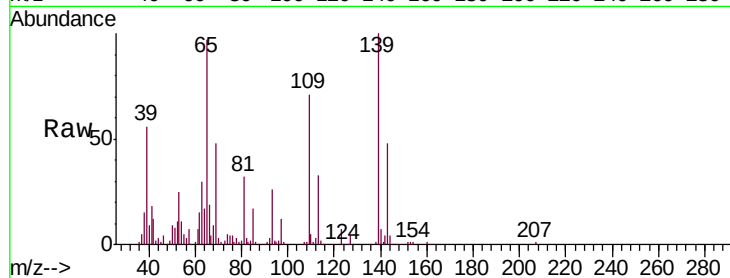
Tgt Ion:109 Resp: 170352

Ion Ratio Lower Upper

109 100

139 141.2 103.4 155.0

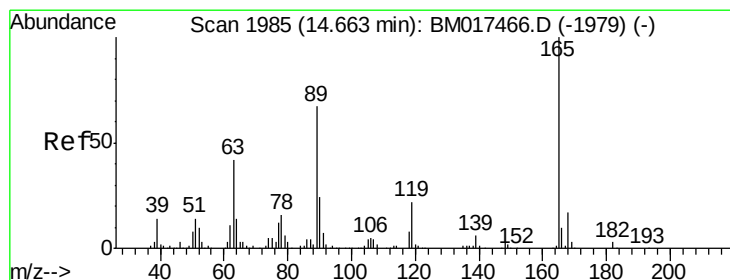
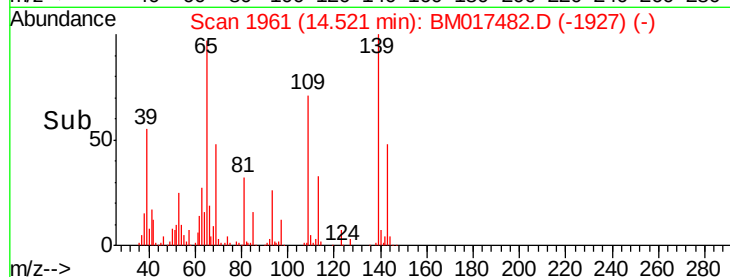
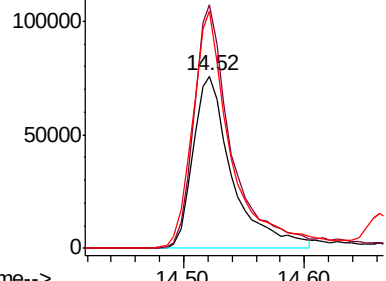
65 137.5 101.0 151.6



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM



#55

2,4-Dinitrotoluene

Concen: 22.952 ng/ul

RT: 14.66 min Scan# 1985

Delta R.T. 0.00 min

Lab File: BM017482.D

Acq: 02 Nov 2018 01:14

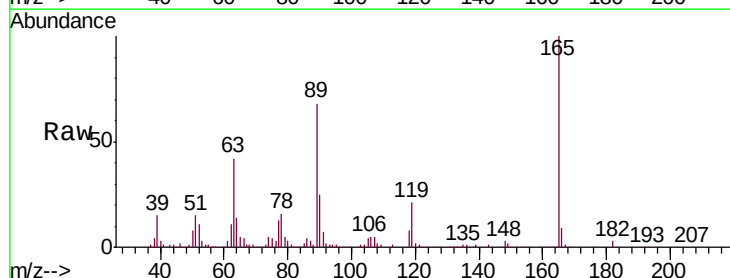
Tgt Ion:165 Resp: 424769

Ion Ratio Lower Upper

165 100

63 41.9 33.9 50.9

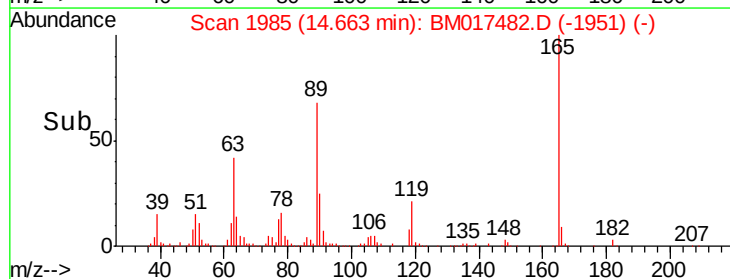
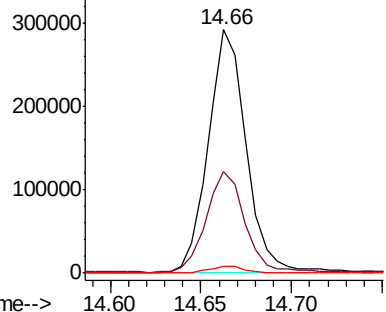
182 3.0 2.2 3.4

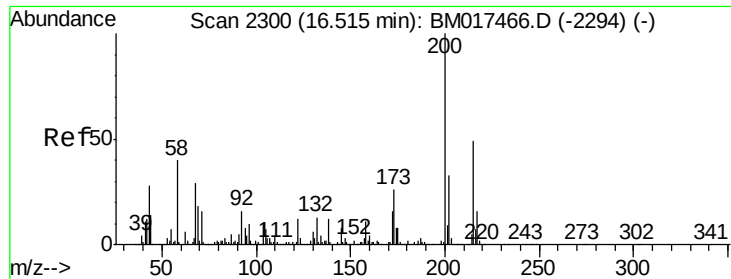


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E





#68

Atrazine

Concen: 1.875 ng/ul

RT: 16.69 min Scan# 2329

Delta R.T. 0.17 min

Lab File: BM017482.D

Acq: 02 Nov 2018 01:14

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BNA\_M

ClientSampleId :

A40F1MS

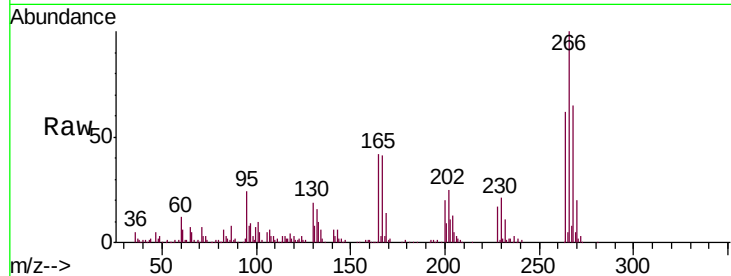
Tgt Ion:200 Resp: 36551

Ion Ratio Lower Upper

200 100

173 0.0 21.8 32.6#

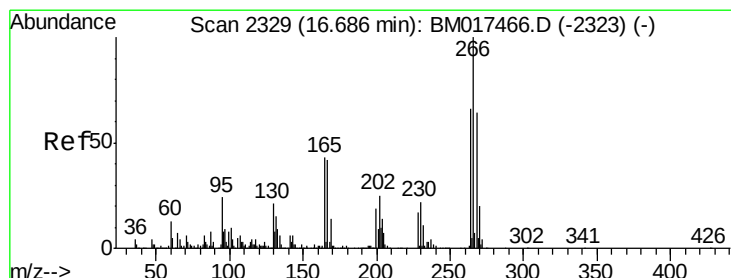
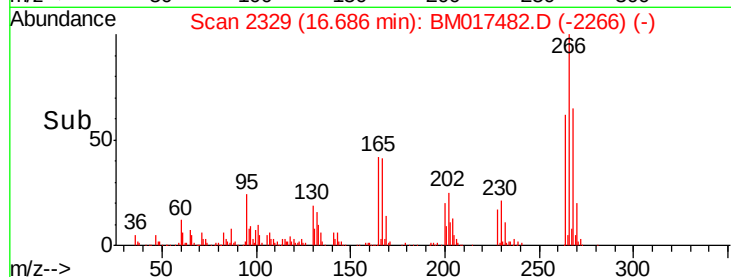
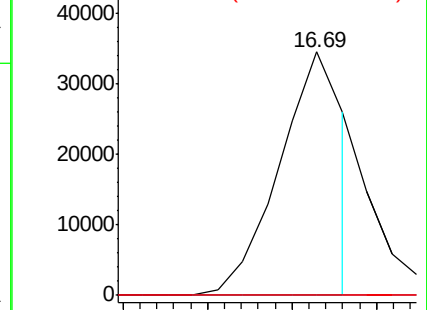
215 0.0 39.8 59.6#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 17.767 ng/ul

RT: 16.69 min Scan# 2329

Delta R.T. 0.00 min

Lab File: BM017482.D

Acq: 02 Nov 2018 01:14

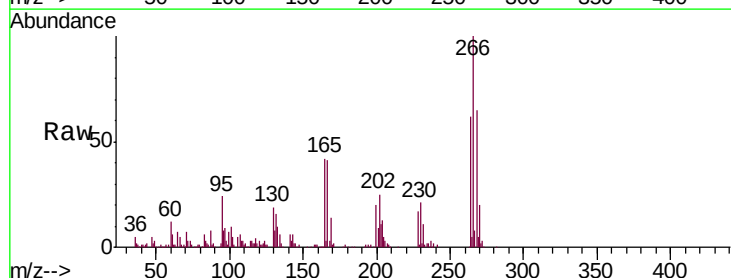
Tgt Ion:266 Resp: 247874

Ion Ratio Lower Upper

266 100

264 62.0 49.2 73.8

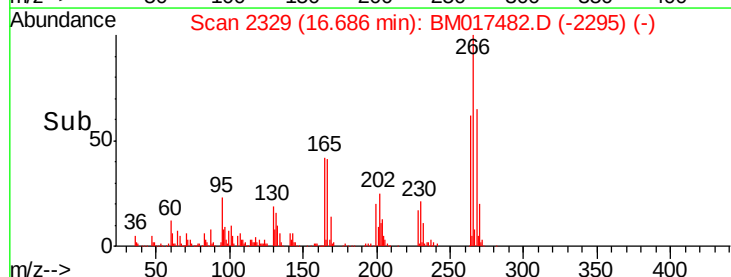
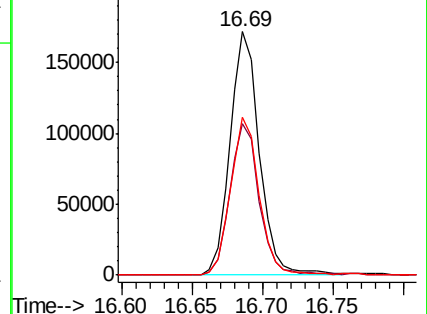
268 64.9 50.9 76.3

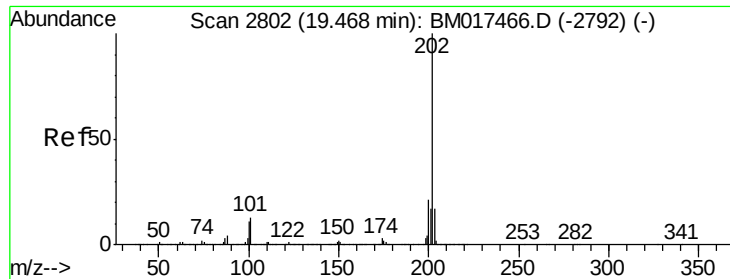


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#80

Pyrene

Concen: 25.485 ng/ul

RT: 19.47 min Scan# 2802

Delta R.T. 0.00 min

Lab File: BM017482.D

Acq: 02 Nov 2018 01:14

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ClientSampleId :

A40F1MS

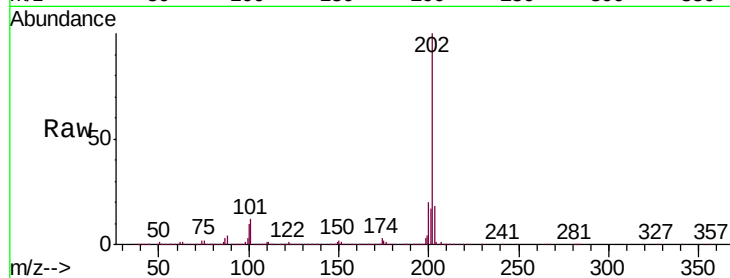
Tgt Ion:202 Resp: 3080457

Ion Ratio Lower Upper

202 100

101 12.3 9.5 14.3

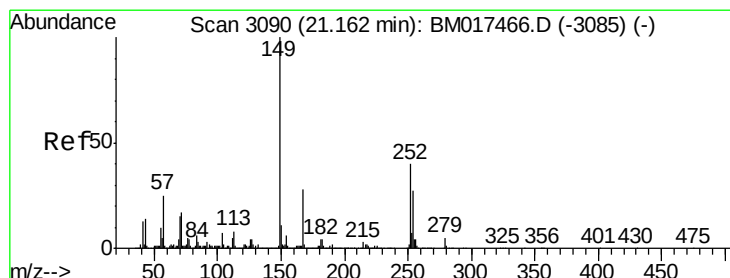
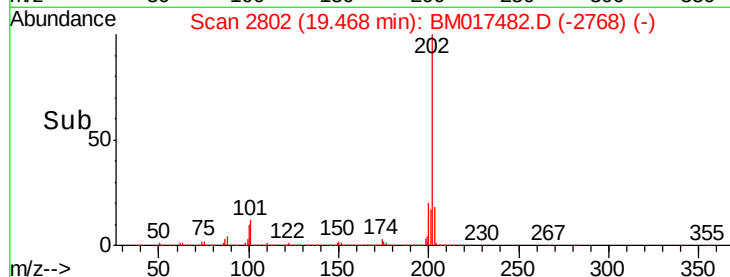
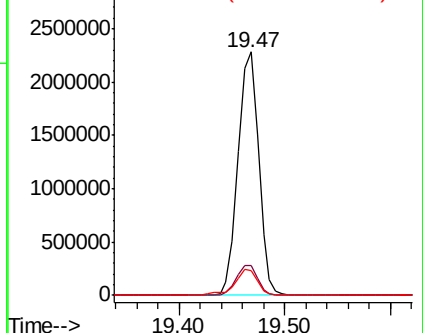
100 10.1 8.1 12.1



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.747 ng/ul

RT: 21.16 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM017482.D

Acq: 02 Nov 2018 01:14

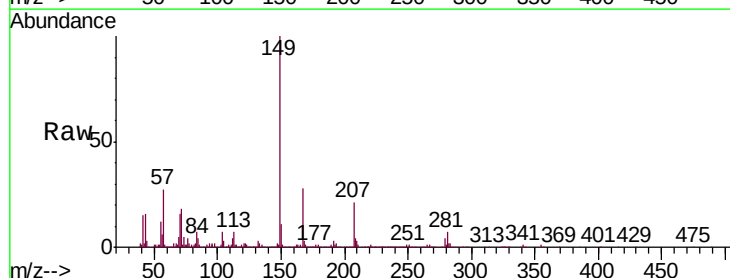
Tgt Ion:149 Resp: 334704

Ion Ratio Lower Upper

149 100

167 28.2 23.0 34.6

279 4.2 4.1 6.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

