

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\  
 Data File : BM012273.D  
 Acq On : 18 Oct 2017 05:57  
 Operator : SJ/JU  
 Sample : I5664-14  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0B77

Quant Time: Oct 18 09:14:41 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 18 08:12:28 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.79  | 152  | 157043   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.59 | 136  | 679063   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.44 | 164  | 444384   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.19 | 188  | 1405620  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.37 | 240  | 1364474  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.68 | 264  | 1150001  | 20.00 | ng/ul | 0.01     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.20  | 96  | 7641    | 2.31  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.96  | 99  | 267517  | 20.99 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.12  | 67  | 136244  | 17.83 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.32  | 132 | 222857  | 20.62 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.50  | 113 | 179829  | 16.39 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.96  | 128 | 83894   | 16.19 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.68  | 143 | 98693   | 16.30 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.22 | 165 | 204522  | 17.69 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.73 | 131 | 194408  | 17.97 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.84 | 166 | 704309  | 17.93 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.13 | 160 | 851003  | 17.90 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.67 | 143 | 75529   | 12.79 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.43 | 176 | 629362  | 19.52 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.59 | 200 | 39443   | 4.09  | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.29 | 188 | 1269519 | 18.27 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.59 | 212 | 1284745 | 18.55 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.53 | 264 | 1021278 | 18.42 | ng/ul | 0.00 |

## Target Compounds

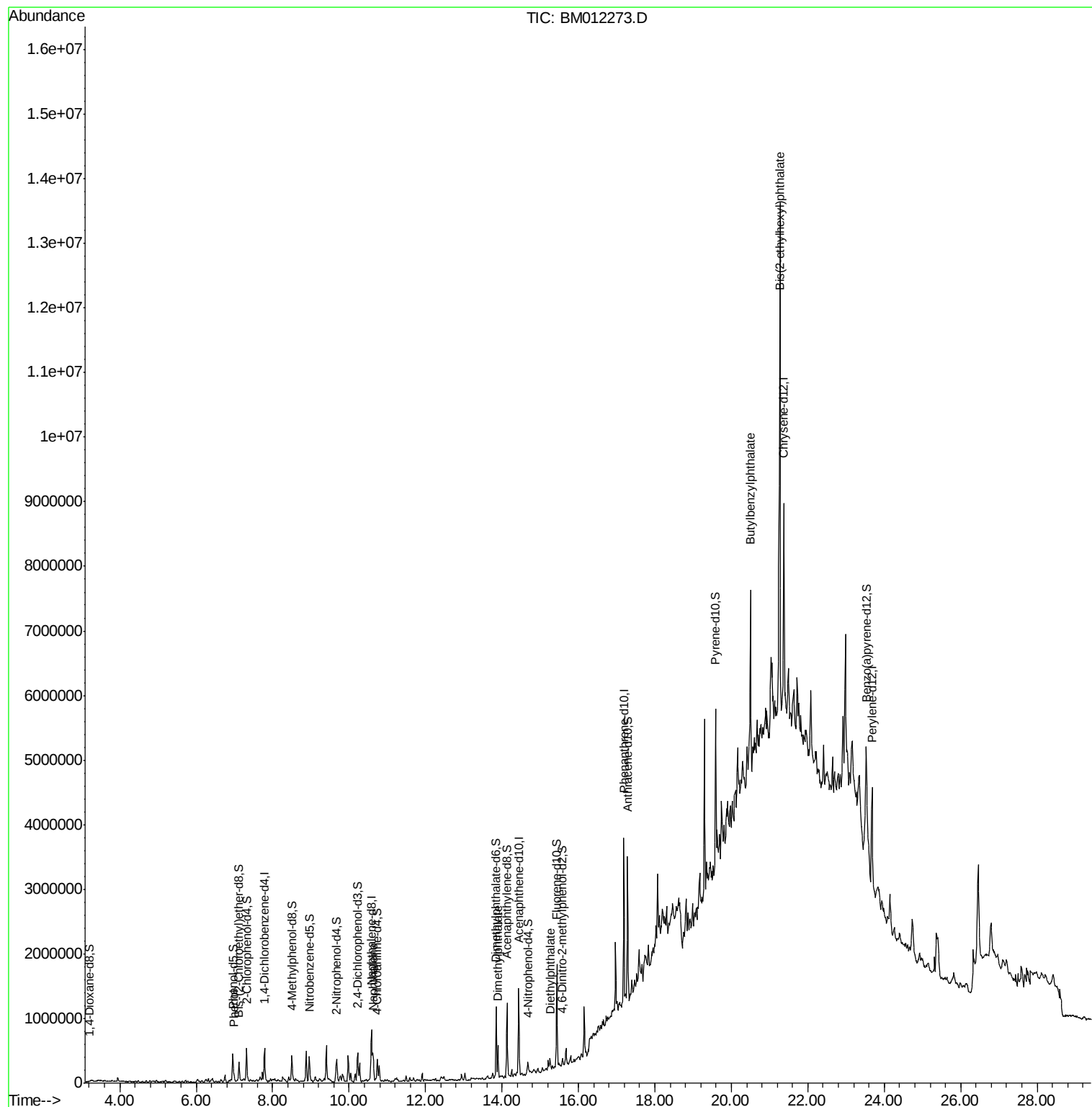
|                                |       |     |         |        | Ovalue   |
|--------------------------------|-------|-----|---------|--------|----------|
| 6) Phenol                      | 6.99  | 94  | 34365   | 2.609  | ng/ul 97 |
| 28) Naphthalene                | 10.63 | 128 | 242426  | 6.900  | ng/ul 99 |
| 44) Dimethylphthalate          | 13.89 | 163 | 239642  | 6.090  | ng/ul 99 |
| 56) Diethylphthalate           | 15.25 | 149 | 85590   | 2.012  | ng/ul 98 |
| 78) Butylbenzylphthalate       | 20.50 | 149 | 729129  | 18.177 | ng/ul 98 |
| 81) Bis(2-ethylhexyl)phthalate | 21.26 | 149 | 3659653 | 60.801 | ng/ul 96 |

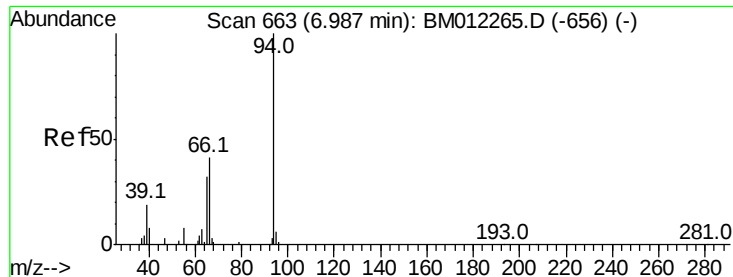
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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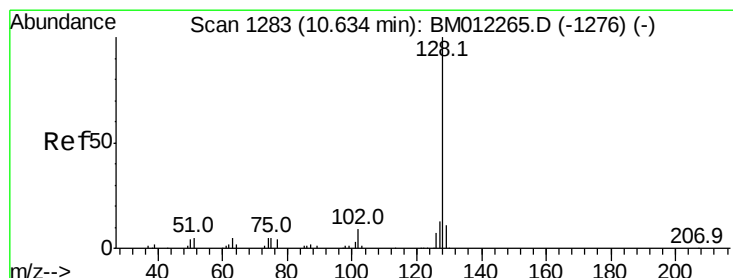
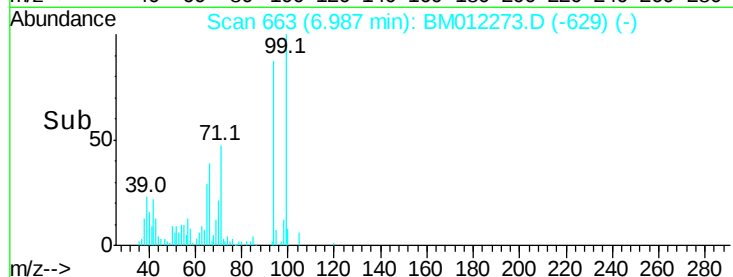
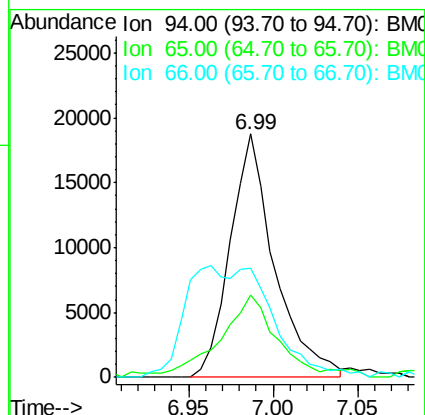
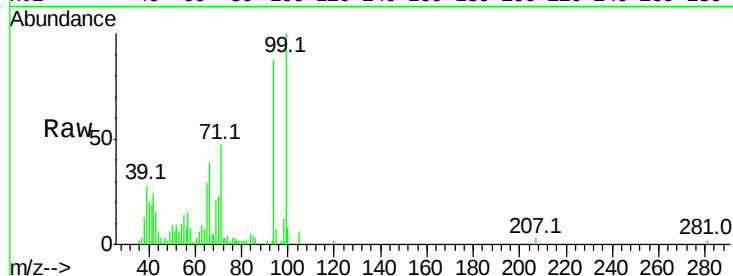
#6

Phenol

Concen: 2.609 ng/ul  
 RT: 6.99 min Scan# 663  
 Delta R.T. -0.00 min  
 Lab File: BM012273.D  
 Acq: 18 Oct 2017 05:57

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0B77

| Tot Ion   | 94    | Resp  | 34365 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 94        | 100   |       |       |
| 65        | 33.9  | 24.4  | 36.6  |
| 66        | 44.6  | 35.0  | 52.4  |

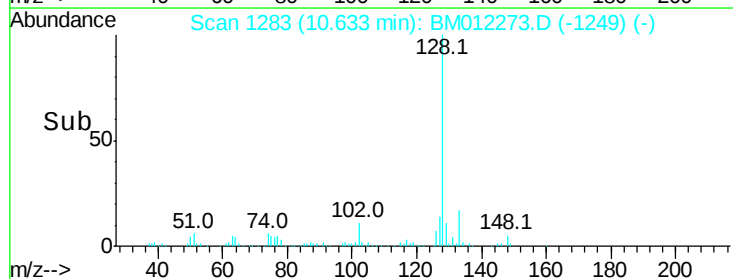
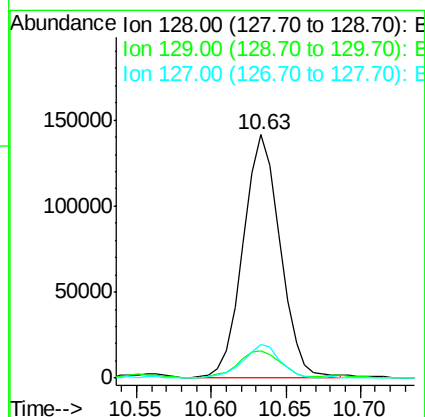
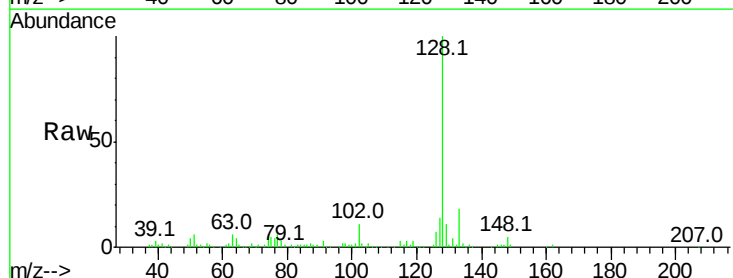


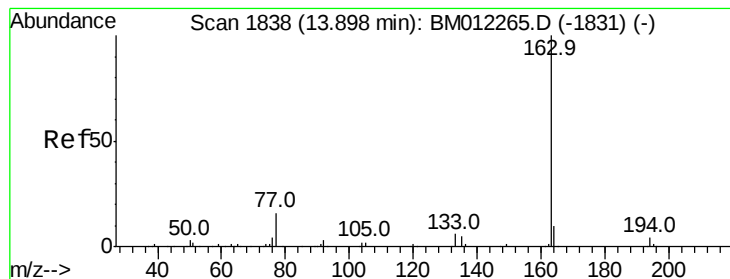
#28

Naphthalene

Concen: 6.900 ng/ul  
 RT: 10.63 min Scan# 1283  
 Delta R.T. -0.00 min  
 Lab File: BM012273.D  
 Acq: 18 Oct 2017 05:57

| Tgt Ion   | 128   | Resp  | 242426 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 129       | 11.3  | 9.2   | 13.8   |
| 127       | 13.9  | 11.4  | 17.0   |





#44

Dimethylphthalate

Concen: 6.090 ng/ul

RT: 13.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BM012273.D

Acq: 18 Oct 2017 05:57

Instrument :

BNA\_M

ClientSampleId :

C0B77

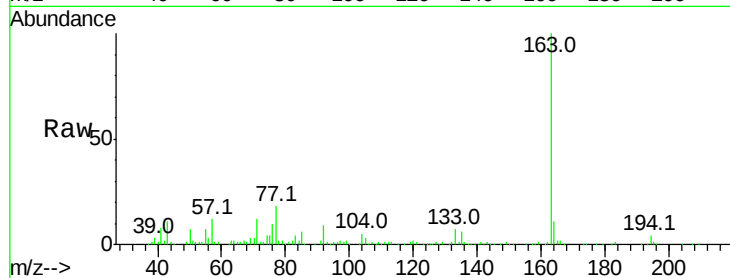
Tot Ion:163 Resp: 239642

Ion Ratio Lower Upper

163 100

194 4.2 3.7 5.5

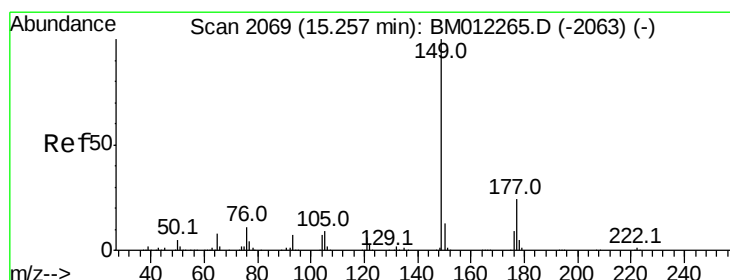
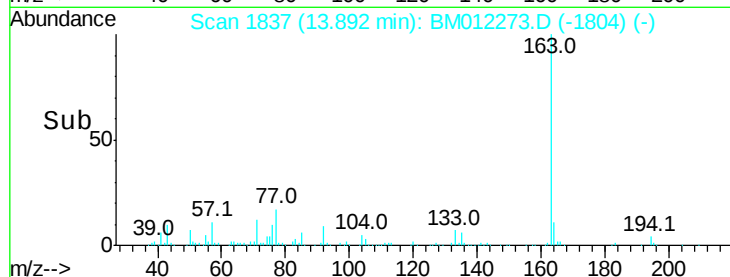
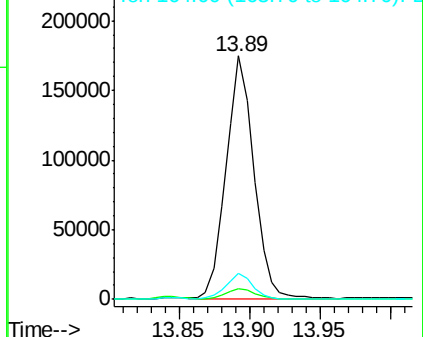
164 10.5 8.1 12.1



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



#56

Diethylphthalate

Concen: 2.012 ng/ul

RT: 15.25 min Scan# 2068

Delta R.T. -0.01 min

Lab File: BM012273.D

Acq: 18 Oct 2017 05:57

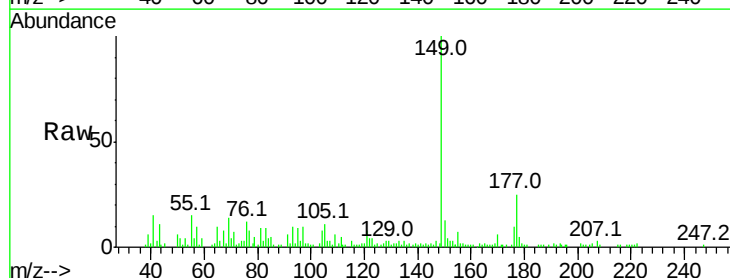
Tgt Ion:149 Resp: 85590

Ion Ratio Lower Upper

149 100

177 25.0 18.7 28.1

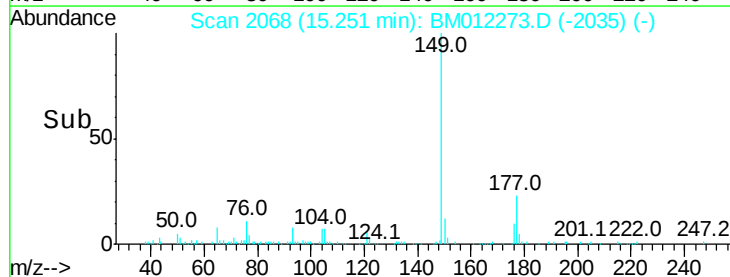
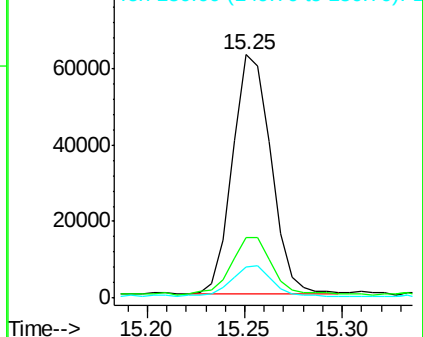
150 12.6 10.0 15.0

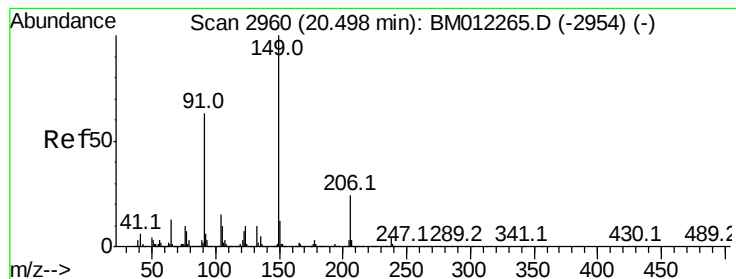


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#78

Butylbenzylphthalate

Concen: 18.177 ng/ul

RT: 20.50 min Scan# 2960

Delta R.T. -0.00 min

Lab File: BM012273.D

Acq: 18 Oct 2017 05:57

Instrument :

BNA\_M

ClientSampled :

C0B77

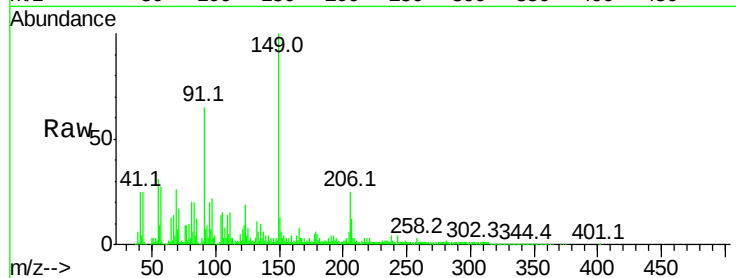
Tot Ion:149 Resp: 729129

Ion Ratio Lower Upper

149 100

91 64.8 52.8 79.2

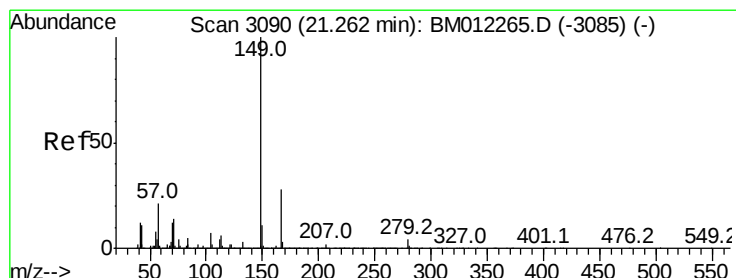
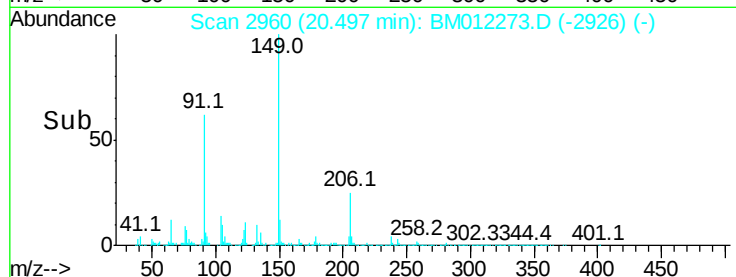
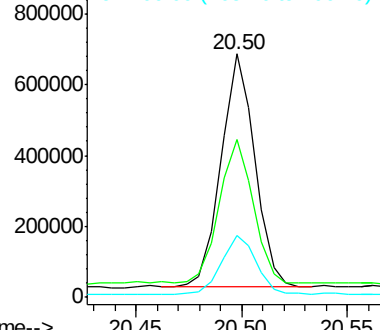
206 25.5 19.1 28.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 60.801 ng/ul

RT: 21.26 min Scan# 3090

Delta R.T. -0.00 min

Lab File: BM012273.D

Acq: 18 Oct 2017 05:57

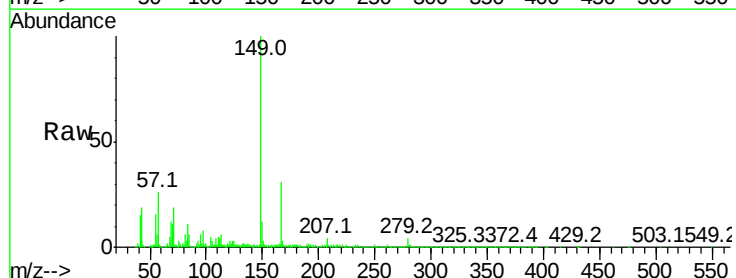
Tgt Ion:149 Resp: 3659653

Ion Ratio Lower Upper

149 100

167 30.6 22.5 33.7

279 4.5 4.4 6.6



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

