

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092520\  
 Data File : BM027541.D  
 Acq On : 25 Sep 2020 22:29  
 Operator : JU/CG  
 Sample : L4139-04  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BG494

Quant Time: Sep 26 01:00:01 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM092420MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Sep 24 20:21:51 2020  
 Response via : Initial Calibration

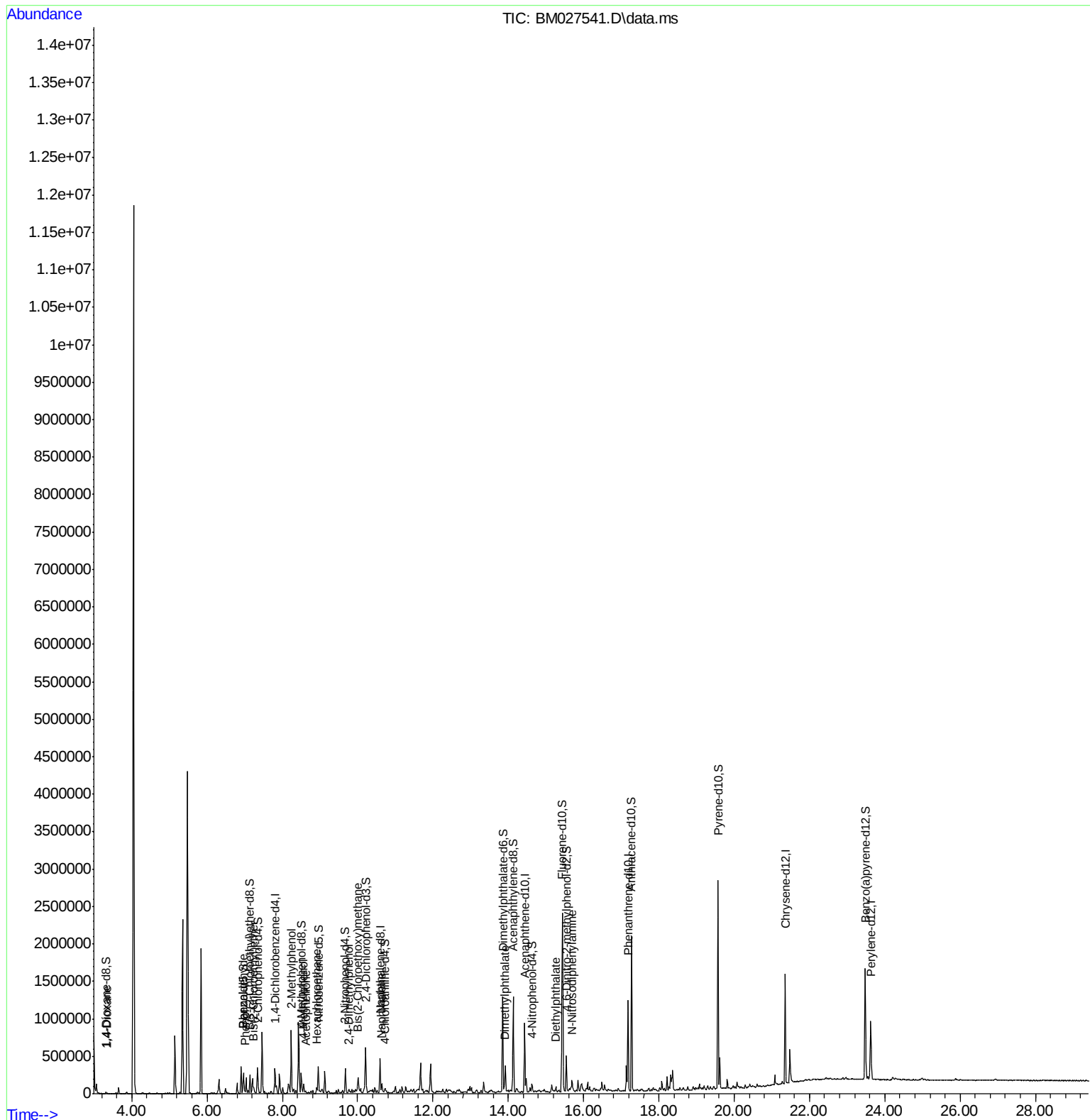
| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards            |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.805  | 152  | 92911    | 20.00 | ng/ul  | 0.00     |
| 18) Naphthalene-d8            | 10.593 | 136  | 362365   | 20.00 | ng/ul  | # 0.00   |
| 36) Acenaphthene-d10          | 14.439 | 164  | 299149   | 20.00 | ng/ul  | 0.00     |
| 62) Phenanthrene-d10          | 17.180 | 188  | 731549   | 20.00 | ng/ul  | # 0.00   |
| 78) Chrysene-d12              | 21.357 | 240  | 721942   | 20.00 | ng/ul  | # 0.00   |
| 86) Perylene-d12              | 23.627 | 264  | 616714   | 20.00 | ng/ul  | -0.01    |
| System Monitoring Compounds   |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8             | 3.311  | 96   | 8503     | 5.21  | ng/uL  | 0.00     |
| 5) Phenol-d5                  | 6.969  | 99   | 42381    | 7.00  | ng/ul  | 0.00     |
| 7) Bis-(2-Chloroethyl)eth...  | 7.140  | 67   | 98224    | 27.59 | ng/ul  | 0.00     |
| 9) 2-Chlorophenol-d4          | 7.340  | 132  | 133986   | 25.56 | ng/ul  | 0.00     |
| 13) 4-Methylphenol-d8         | 8.505  | 113  | 88981    | 17.52 | ng/ul  | 0.00     |
| 19) Nitrobenzene-d5           | 8.957  | 128  | 79301    | 29.69 | ng/ul  | 0.00     |
| 22) 2-Nitrophenol-d4          | 9.675  | 143  | 97984    | 35.01 | ng/ul  | 0.00     |
| 26) 2,4-Dichlorophenol-d3     | 10.210 | 165  | 230214   | 32.24 | ng/ul  | 0.00     |
| 29) 4-Chloroaniline-d4        | 10.722 | 131  | 15533    | 2.19  | ng/ul  | 0.00     |
| 44) Dimethylphthalate-d6      | 13.851 | 166  | 856640   | 37.01 | ng/ul  | 0.00     |
| 47) Acenaphthylene-d8         | 14.128 | 160  | 931339   | 33.60 | ng/ul  | 0.00     |
| 52) 4-Nitrophenol-d4          | 14.628 | 143  | 24572    | 7.58  | ng/ul  | 0.00     |
| 58) Fluorene-d10              | 15.434 | 176  | 724573   | 34.80 | ng/ul  | 0.00     |
| 63) 4,6-Dinitro-2-methylph... | 15.539 | 200  | 139080   | 35.11 | ng/ul  | 0.00     |
| 71) Anthracene-d10            | 17.275 | 188  | 1266599  | 36.70 | ng/ul  | 0.00     |
| 79) Pyrene-d10                | 19.569 | 212  | 1489831  | 39.56 | ng/ul  | 0.00     |
| 90) Benzo(a)pyrene-d12        | 23.480 | 264  | 1193026  | 36.41 | ng/ul  | -0.01    |
| Target Compounds              |        |      |          |       |        |          |
|                               |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane                | 3.352  | 88   | 2578     | 1.34  | ng/uL# | 75       |
| 4) Benzaldehyde               | 6.963  | 77   | 15072    | 3.67  | ng/ul# | 1        |
| 6) Phenol                     | 6.999  | 94   | 18729    | 3.00  | ng/ul# | 86       |
| 8) Bis(2-Chloroethyl)ether    | 7.234  | 93   | 46928    | 9.43  | ng/ul  | 91       |
| 11) 2-Methylphenol            | 8.246  | 108  | 15321    | 3.12  | ng/ul# | 66       |
| 14) Acetophenone              | 8.616  | 105  | 18244    | 2.21  | ng/ul# | 53       |
| 16) 4-Methylphenol            | 8.563  | 108  | 43483    | 8.31  | ng/ul  | 89       |
| 17) Hexachloroethane          | 8.916  | 117  | 5841     | 2.27  | ng/ul# | 2        |
| 24) 2,4-Dimethylphenol        | 9.769  | 107  | 16357    | 2.40  | ng/ul  | 96       |
| 25) Bis(2-Chloroethoxy)met... | 10.010 | 93   | 22857    | 3.17  | ng/ul# | 1        |
| 28) Naphthalene               | 10.640 | 128  | 97874    | 5.29  | ng/ul# | 97       |
| 45) Dimethylphthalate         | 13.898 | 163  | 24504    | 1.04  | ng/ul  | 97       |
| 57) Diethylphthalate          | 15.263 | 149  | 38006    | 1.75  | ng/ul  | 95       |
| 65) N-Nitrosodiphenylamine    | 15.692 | 169  | 57915    | 2.85  | ng/ul  | 98       |

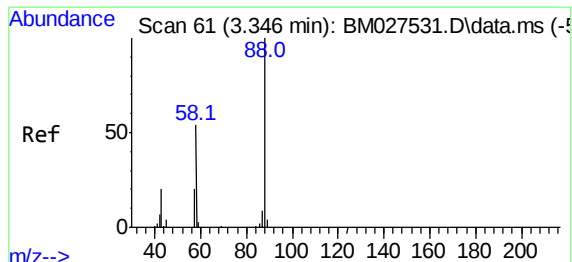
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092520\  
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Quant Time: Sep 26 01:00:01 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM092420MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Sep 24 20:21:51 2020  
Response via : Initial Calibration

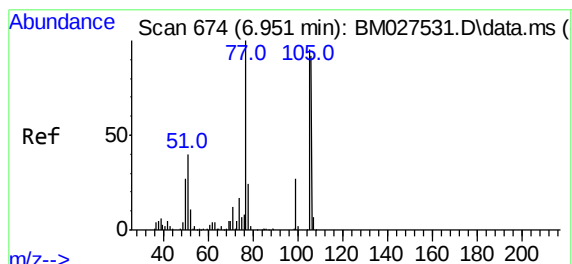
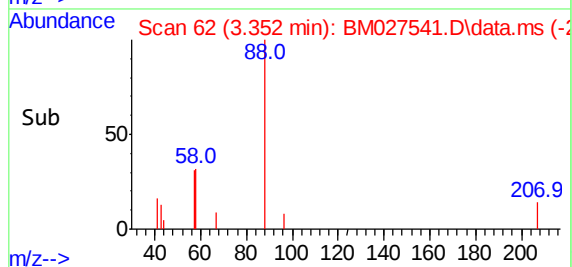
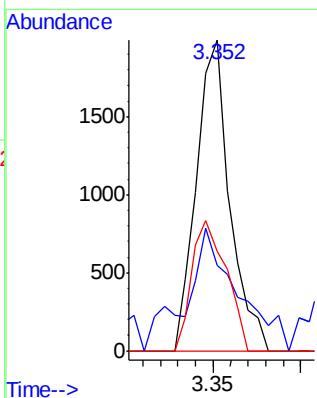
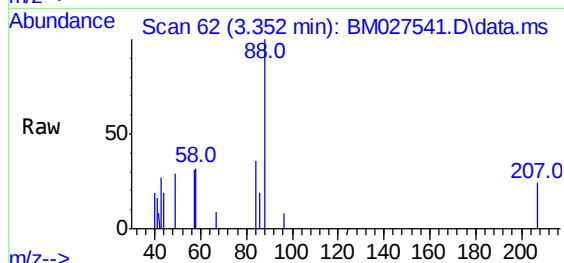




#2  
1,4-Dioxane  
Concen: 1.34 ng/uL  
RT: 3.352 min Scan# 62  
Delta R.T. 0.006 min  
Lab File: BM027541.D  
Acq: 25 Sep 2020 22:29

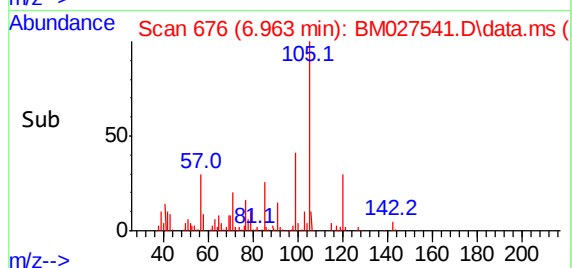
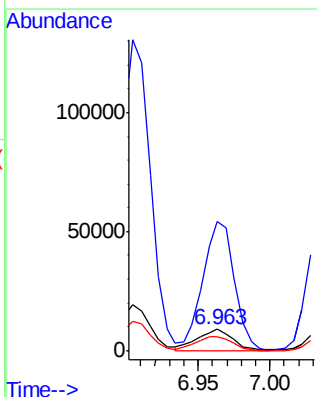
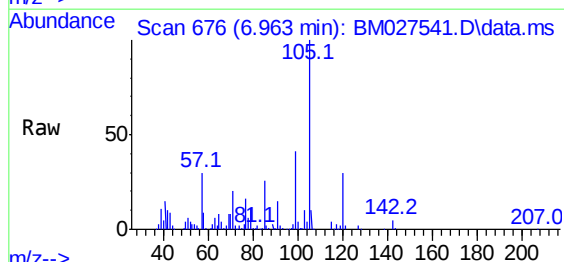
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BNA\_M  
ClientSampleId :  
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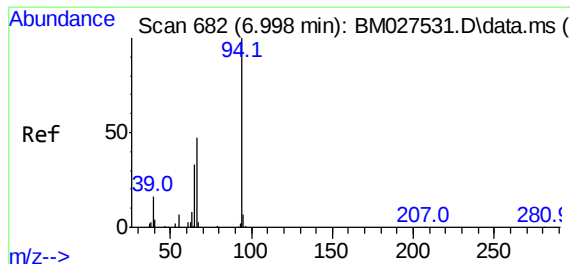
Tgt Ion: 88 Resp: 2578  
Ion Ratio Lower Upper  
88 100  
43 27.3 21.7 32.5  
58 32.0 47.4 71.0#



#4  
Benzaldehyde  
Concen: 3.67 ng/uL  
RT: 6.963 min Scan# 676  
Delta R.T. 0.012 min  
Lab File: BM027541.D  
Acq: 25 Sep 2020 22:29

Tgt Ion: 77 Resp: 15072  
Ion Ratio Lower Upper  
77 100  
105 618.0 64.9 97.3#  
106 64.8 62.8 94.2

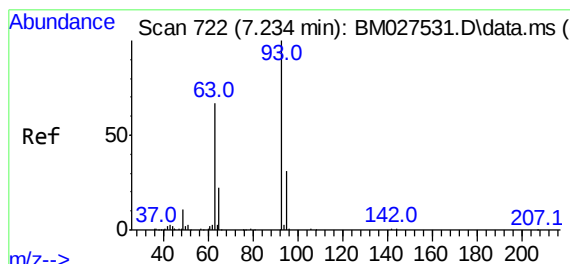
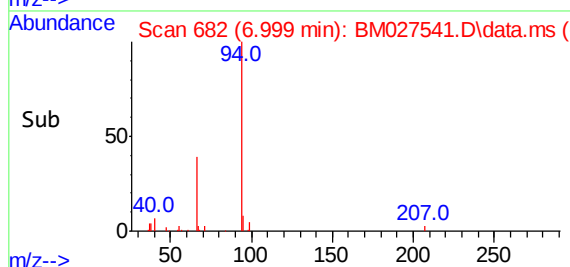
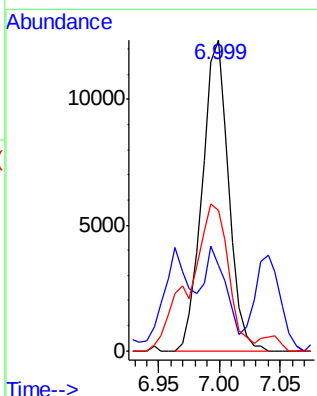
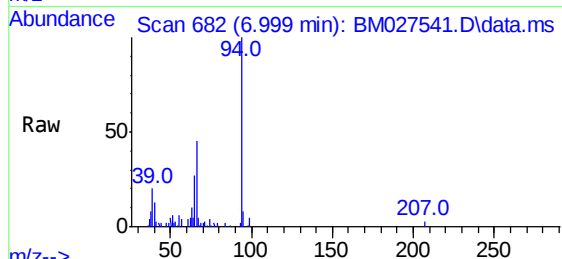




#6  
Phenol  
Concen: 3.00 ng/ul  
RT: 6.999 min Scan# 682  
Delta R.T. 0.000 min  
Lab File: BM027541.D  
Acq: 25 Sep 2020 22:29

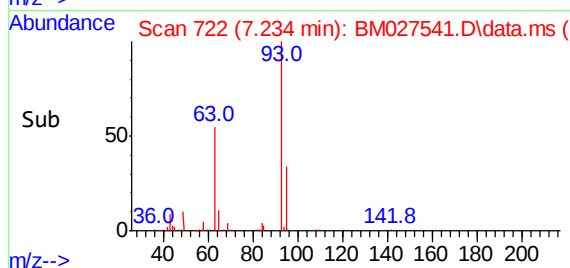
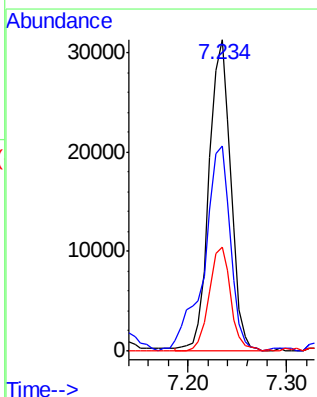
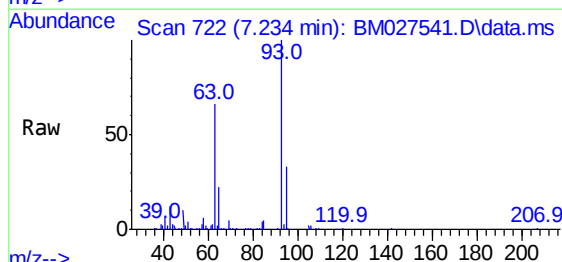
Instrument :  
BNA\_M  
ClientSampleId :  
BG494

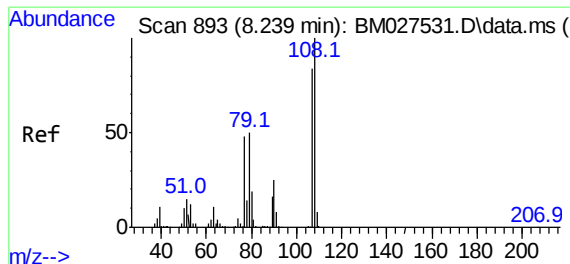
Tgt Ion: 94 Resp: 18729  
Ion Ratio Lower Upper  
94 100  
65 27.4 30.2 45.4#  
66 45.2 42.4 63.6



#8  
Bis(2-Chloroethyl)ether  
Concen: 9.43 ng/ul  
RT: 7.234 min Scan# 722  
Delta R.T. 0.000 min  
Lab File: BM027541.D  
Acq: 25 Sep 2020 22:29

Tgt Ion: 93 Resp: 46928  
Ion Ratio Lower Upper  
93 100  
63 66.0 60.6 90.8  
95 33.4 25.0 37.4

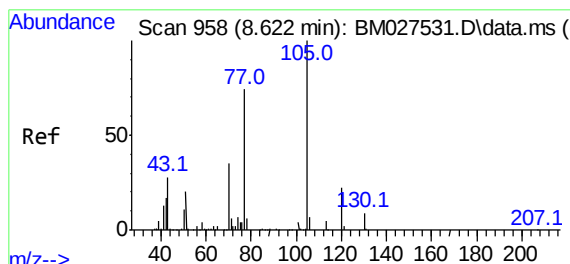
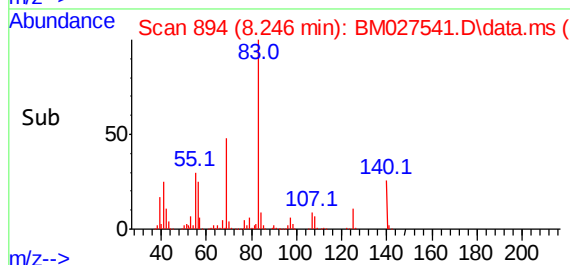
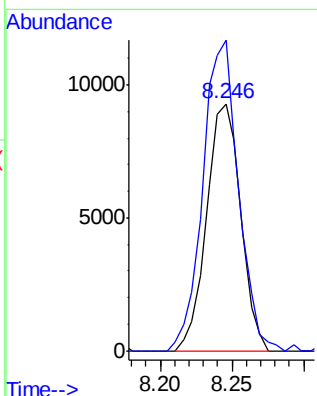
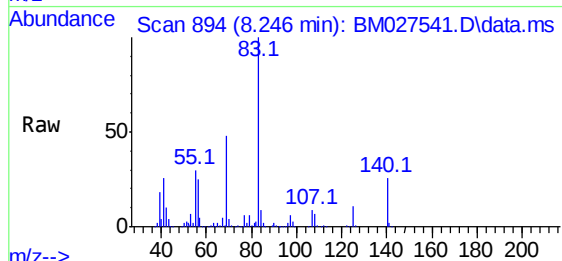




#11  
2-Methylphenol  
Concen: 3.12 ng/ul  
RT: 8.246 min Scan# 894  
Delta R.T. 0.000 min  
Lab File: BM027541.D  
Acq: 25 Sep 2020 22:29

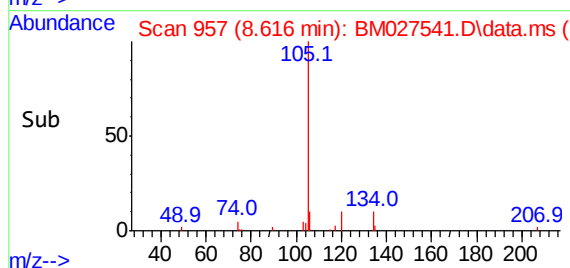
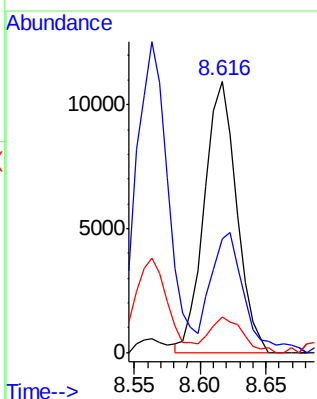
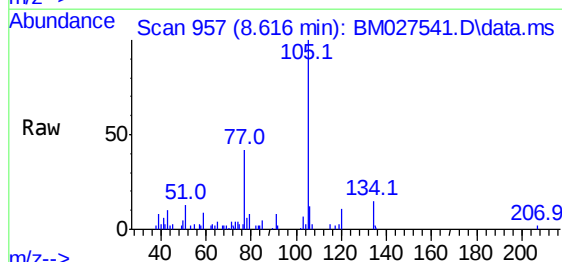
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ClientSampleId :  
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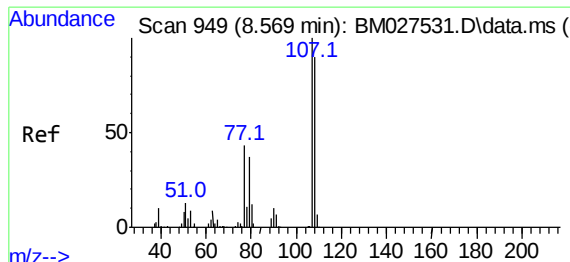
Tgt Ion:108 Resp: 15321  
Ion Ratio Lower Upper  
108 100  
107 125.6 74.4 111.6#



#14  
Acetophenone  
Concen: 2.21 ng/ul  
RT: 8.616 min Scan# 957  
Delta R.T. -0.011 min  
Lab File: BM027541.D  
Acq: 25 Sep 2020 22:29

Tgt Ion:105 Resp: 18244  
Ion Ratio Lower Upper  
105 100  
77 42.0 74.4 111.6#  
51 12.9 19.2 28.8#

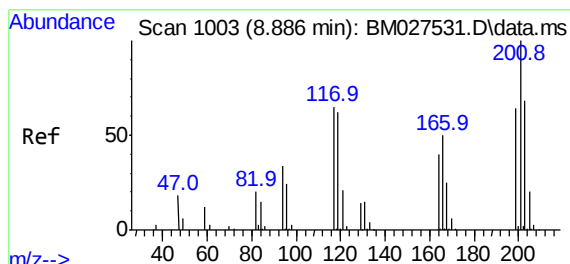
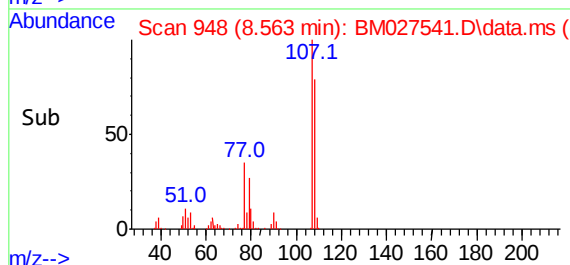
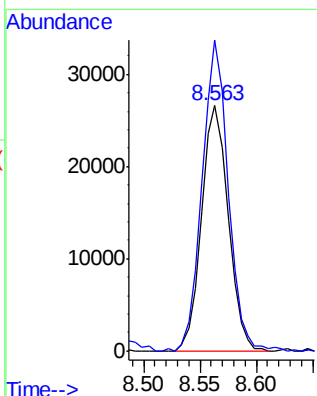
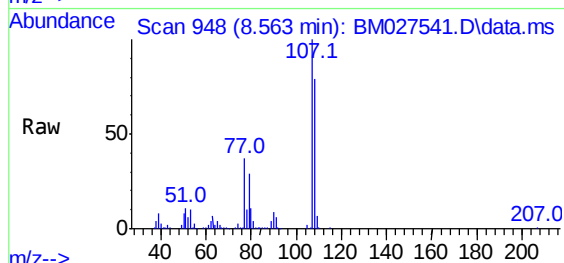




#16  
4-Methylphenol  
Concen: 8.31 ng/ul  
RT: 8.563 min Scan# 948  
Delta R.T. -0.006 min  
Lab File: BM027541.D  
Acq: 25 Sep 2020 22:29

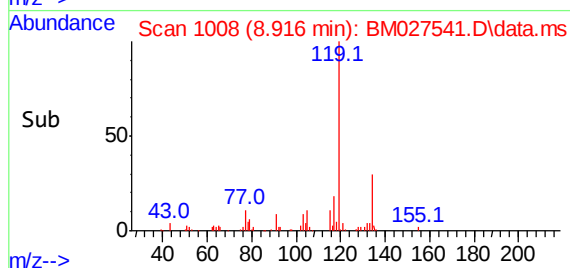
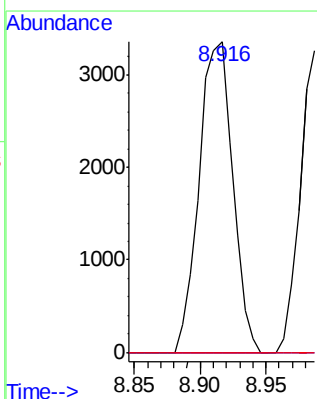
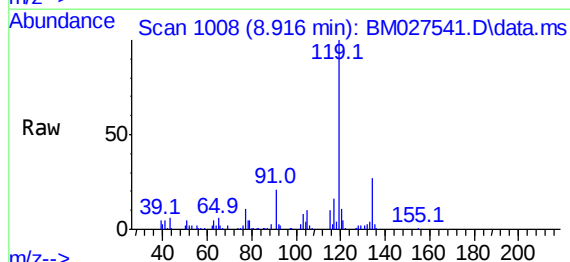
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ClientSampleId :  
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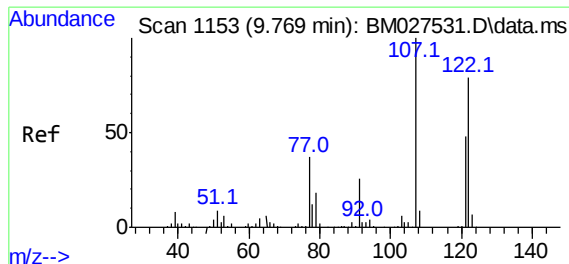
Tgt Ion:108 Resp: 43483  
Ion Ratio Lower Upper  
108 100  
107 126.7 92.1 138.1



#17  
Hexachloroethane  
Concen: 2.27 ng/ul  
RT: 8.916 min Scan# 1008  
Delta R.T. 0.030 min  
Lab File: BM027541.D  
Acq: 25 Sep 2020 22:29

Tgt Ion:117 Resp: 5841  
Ion Ratio Lower Upper  
117 100  
201 0.0 90.6 135.8#  
199 0.0 56.3 84.5#

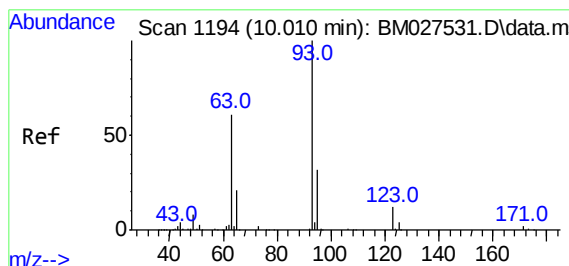
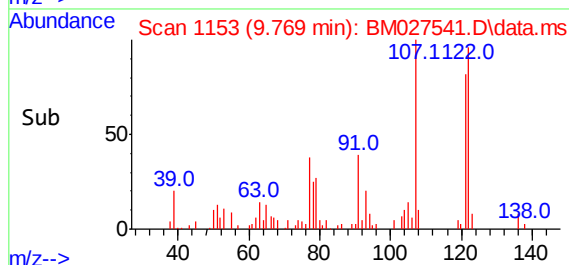
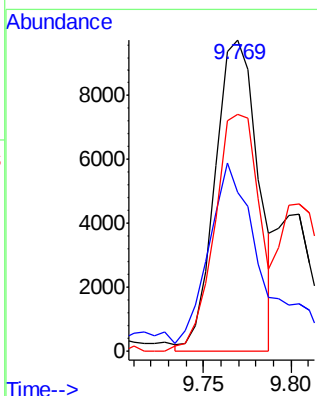
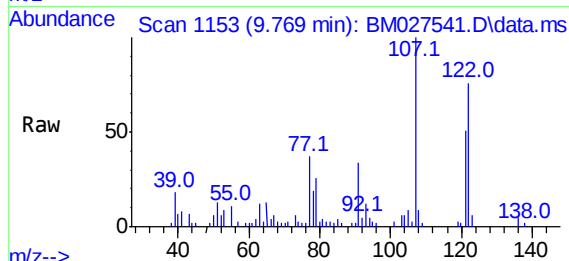




#24  
2,4-Dimethylphenol  
Concen: 2.40 ng/ul  
RT: 9.769 min Scan# 1153  
Delta R.T. 0.000 min  
Lab File: BM027541.D  
Acq: 25 Sep 2020 22:29

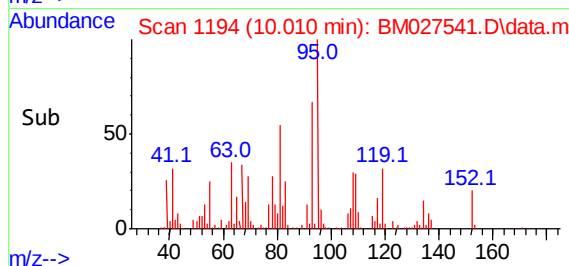
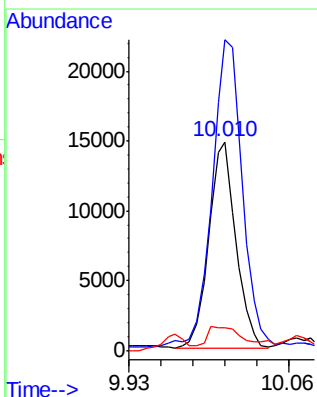
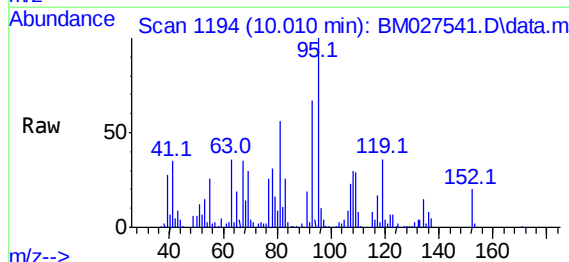
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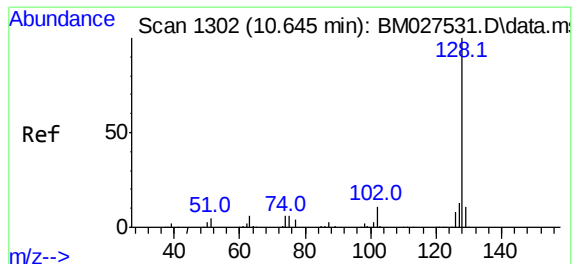
Tgt Ion:107 Resp: 16357  
Ion Ratio Lower Upper  
107 100  
121 50.9 36.6 54.8  
122 76.0 59.9 89.9



#25  
Bis(2-Chloroethoxy)methane  
Concen: 3.17 ng/ul  
RT: 10.010 min Scan# 1194  
Delta R.T. 0.000 min  
Lab File: BM027541.D  
Acq: 25 Sep 2020 22:29

Tgt Ion: 93 Resp: 22857  
Ion Ratio Lower Upper  
93 100  
95 148.8 26.2 39.4#  
123 11.1 8.6 13.0

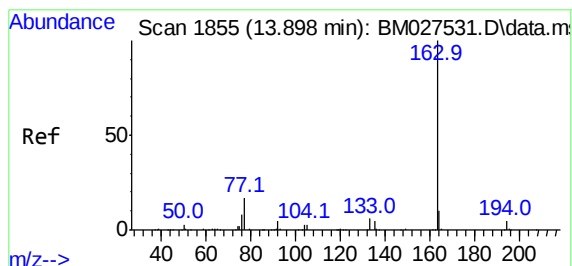
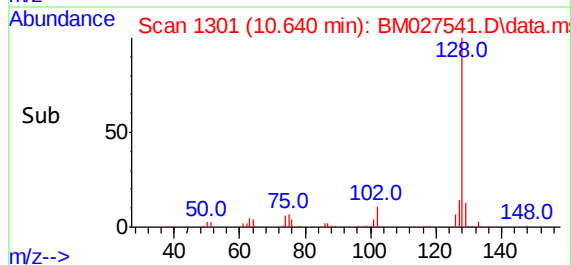
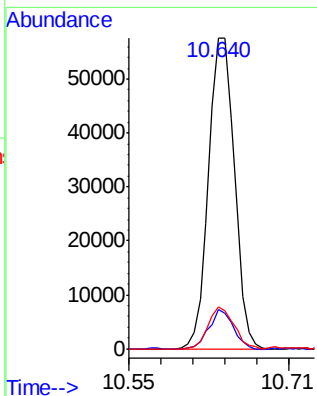
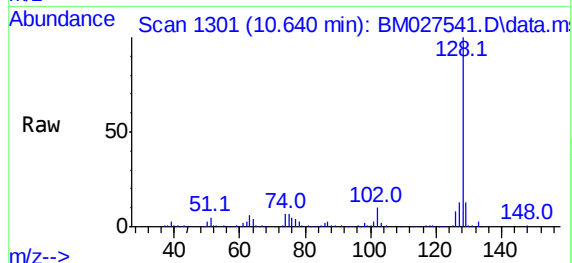




#28  
Naphthalene  
Concen: 5.29 ng/ul  
RT: 10.640 min Scan# 1301  
Delta R.T. -0.011 min  
Lab File: BM027541.D  
Acq: 25 Sep 2020 22:29

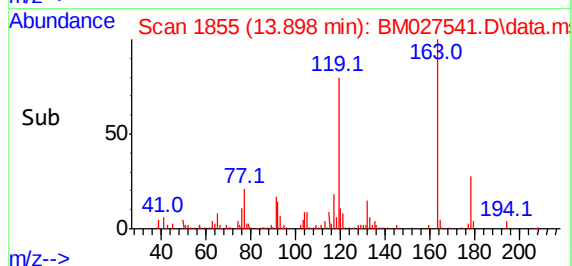
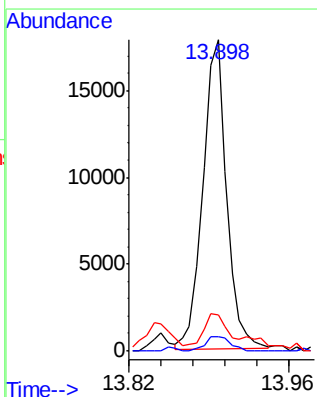
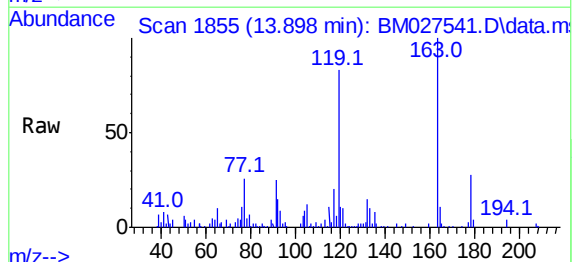
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ClientSampleID :  
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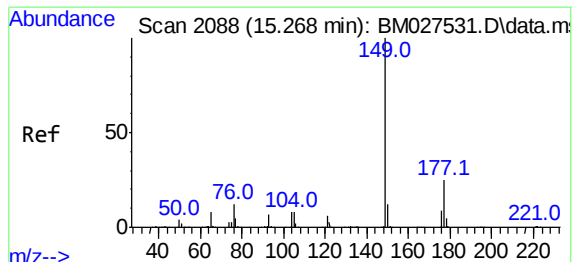
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Ion Ratio Lower Upper  
128 100  
129 12.8 8.4 12.6#  
127 13.4 10.3 15.5



#45  
Dimethylphthalate  
Concen: 1.04 ng/ul  
RT: 13.898 min Scan# 1855  
Delta R.T. -0.006 min  
Lab File: BM027541.D  
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Tgt Ion:163 Resp: 24504  
Ion Ratio Lower Upper  
163 100  
194 4.4 3.3 4.9  
164 11.4 8.1 12.1



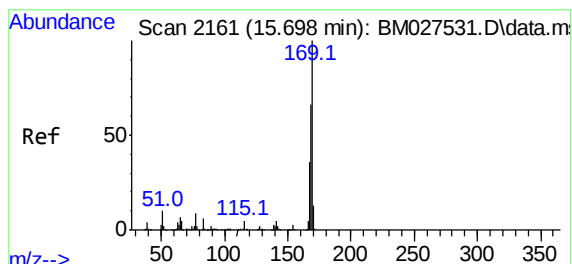
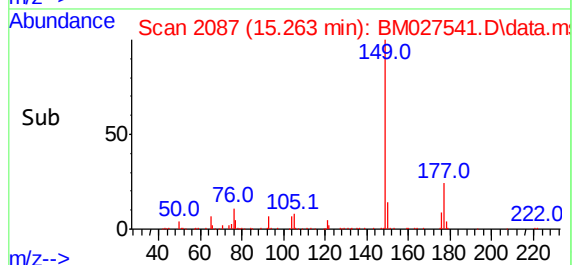
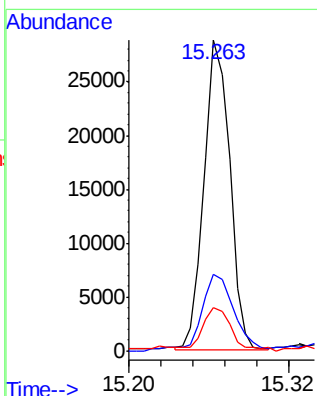
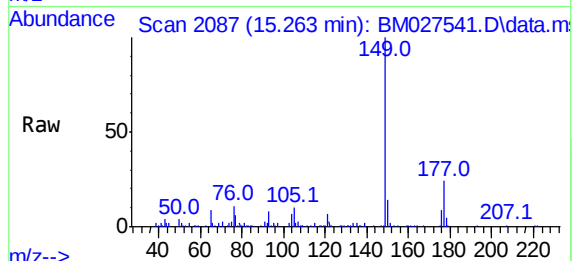


#57  
Diethylphthalate  
Concen: 1.75 ng/ul  
RT: 15.263 min Scan# 2087  
Delta R.T. -0.011 min  
Lab File: BM027541.D  
Acq: 25 Sep 2020 22:29

Instrument :  
BNA\_M  
ClientSampleId :  
BG494

Tgt Ion:149 Resp: 38006

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 177 | 24.4  | 17.6  | 26.4  |
| 150 | 14.0  | 9.6   | 14.4  |



#65  
N-Nitrosodiphenylamine  
Concen: 2.85 ng/ul  
RT: 15.692 min Scan# 2160  
Delta R.T. -0.006 min  
Lab File: BM027541.D  
Acq: 25 Sep 2020 22:29

Tgt Ion:169 Resp: 57915

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 66.9  | 54.2  | 81.4  |
| 167 | 38.3  | 29.0  | 43.4  |

