

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM112522\  
 Data File : BM037734.D  
 Acq On : 26 Nov 2022 15:38  
 Operator : CG/JU  
 Sample : N5602-18  
 Misc :  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 COAH0

Quant Time: Nov 27 21:28:42 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM112322.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Nov 24 01:27:15 2022  
 Response via : Initial Calibration

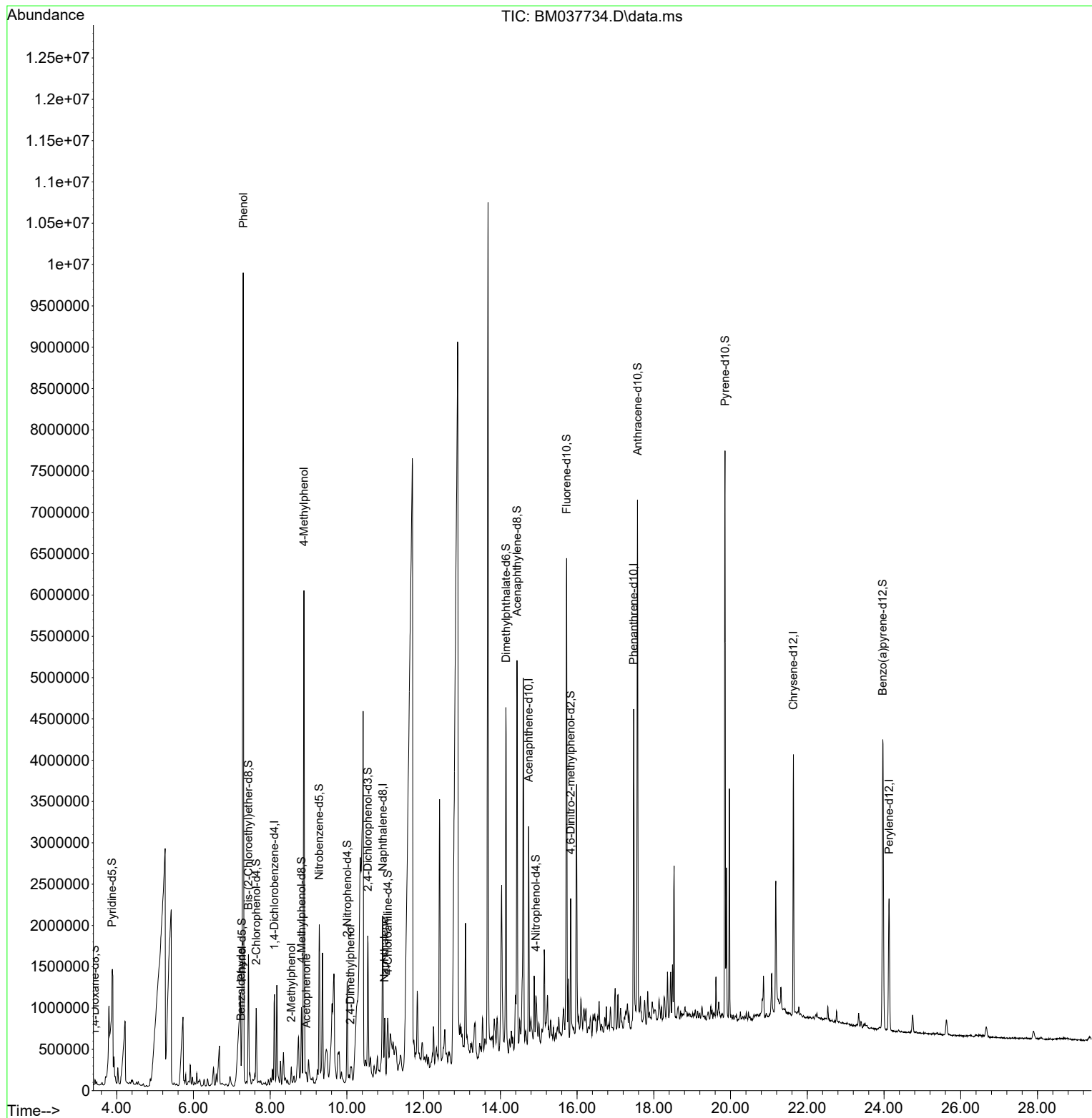
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.110  | 152  | 253390   | 20.000  | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.934 | 136  | 1261727  | 20.000  | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.739 | 164  | 783238   | 20.000  | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.474 | 188  | 1572890  | 20.000  | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.639 | 240  | 1333567  | 20.000  | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.133 | 264  | 1112889  | 20.000  | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8             | 3.434  | 96   | 25125    | 4.112   | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.881  | 84   | 284017   | 14.281  | ng/ul  | 0.01     |
| 7) Phenol-d5                  | 7.263  | 99   | 207451   | 8.206   | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.434  | 67   | 637383   | 37.797  | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.640  | 132  | 368727   | 20.991  | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.816  | 113  | 301111   | 14.968  | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.281  | 128  | 390774   | 39.507  | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 10.010 | 143  | 292853   | 30.047  | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.545 | 165  | 462905   | 25.953  | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.069 | 131  | 189867   | 6.415   | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.145 | 166  | 2231294  | 40.219  | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.433 | 160  | 2759447  | 42.140  | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.927 | 143  | 85008    | 6.956   | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.727 | 176  | 2048151  | 42.153  | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.833 | 200  | 235901   | 27.880  | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.574 | 188  | 3125110  | 42.487  | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.857 | 212  | 3398936  | 50.155  | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.968 | 264  | 2462141  | 42.982  | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         | Qvalue |          |
| 6) Benzaldehyde               | 7.240  | 77   | 20769    | 1.565   | ng/ul  | 94       |
| 8) Phenol                     | 7.298  | 94   | 5011301  | 189.119 | ng/ul  | 93       |
| 13) 2-Methylphenol            | 8.551  | 108  | 49712    | 2.459   | ng/ul  | 96       |
| 16) Acetophenone              | 8.940  | 105  | 51354    | 1.551   | ng/ul# | 88       |
| 18) 4-Methylphenol            | 8.881  | 108  | 1944096  | 87.048  | ng/ul  | 90       |
| 26) 2,4-Dimethylphenol        | 10.092 | 107  | 38948    | 1.609   | ng/ul  | 97       |
| 30) Naphthalene               | 10.981 | 128  | 75841    | 1.099   | ng/ul  | 96       |
| -----                         |        |      |          |         |        |          |

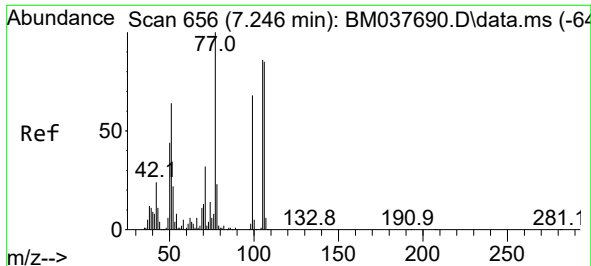
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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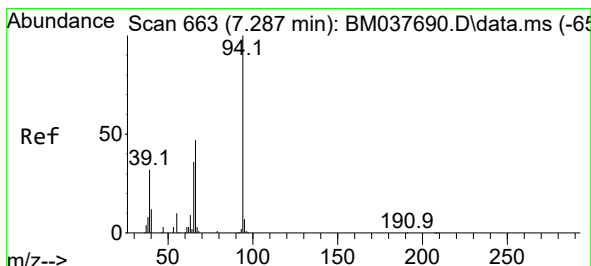
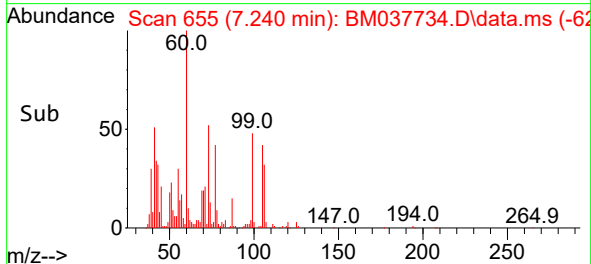
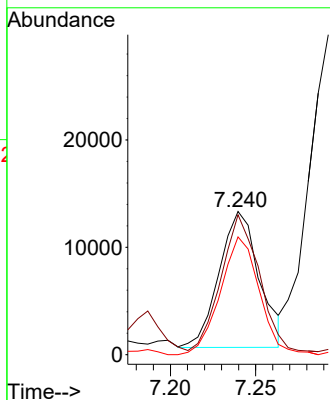
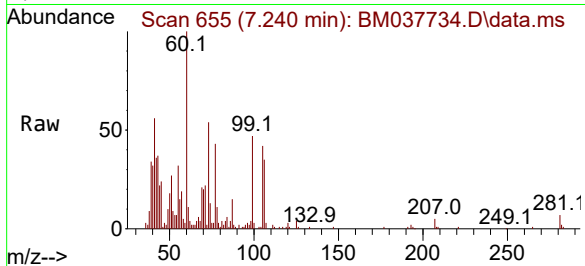




#6  
Benzaldehyde  
Concen: 1.565 ng/ul  
RT: 7.240 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BM037734.D  
Acq: 26 Nov 2022 15:38

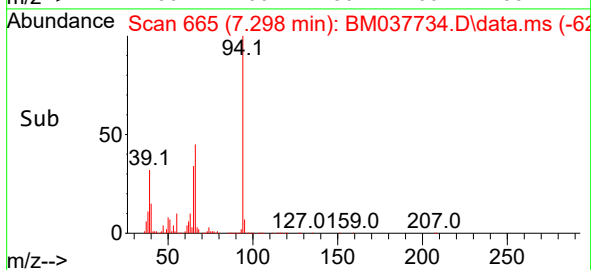
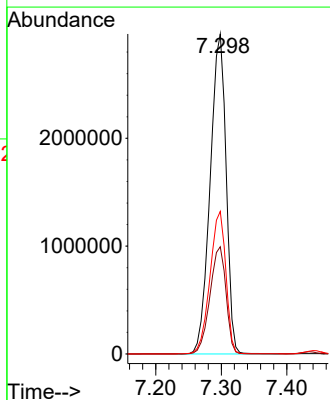
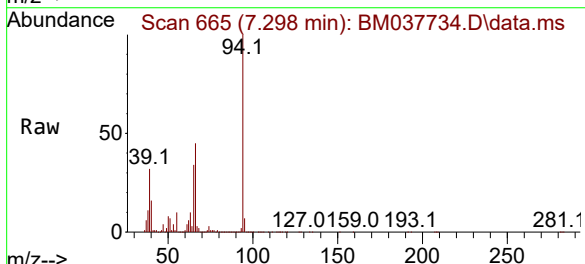
Instrument :  
BNA\_M  
ClientSampleId :  
COAH0

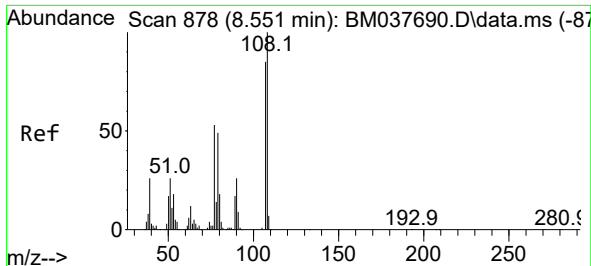
Tgt Ion: 77 Resp: 20769  
Ion Ratio Lower Upper  
77 100  
105 97.6 73.4 110.0  
106 82.2 70.2 105.2



#8  
Phenol  
Concen: 189.119 ng/ul  
RT: 7.298 min Scan# 665  
Delta R.T. 0.012 min  
Lab File: BM037734.D  
Acq: 26 Nov 2022 15:38

Tgt Ion: 94 Resp: 5011301  
Ion Ratio Lower Upper  
94 100  
65 33.5 25.0 37.4  
66 44.5 31.0 46.6

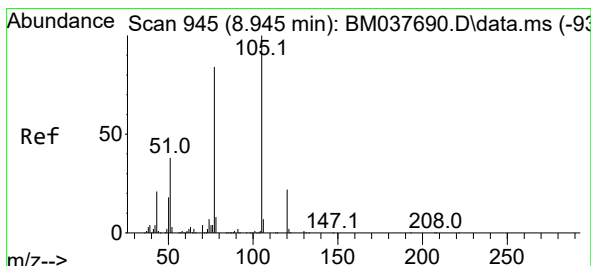
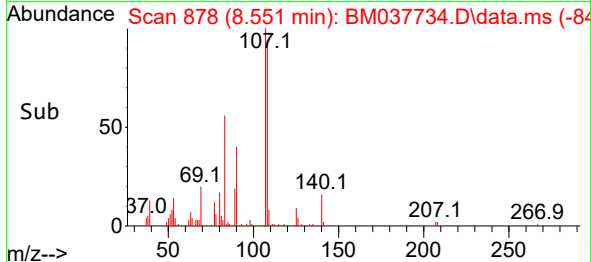
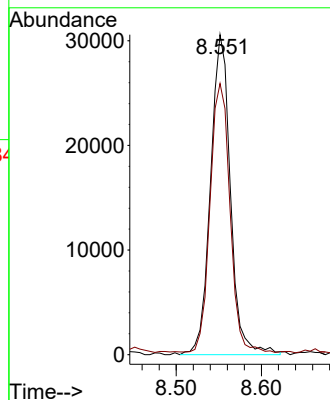
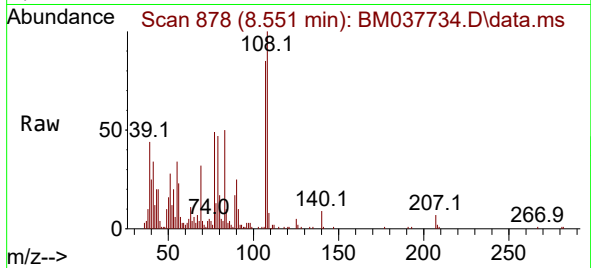




#13  
2-Methylphenol  
Concen: 2.459 ng/ul  
RT: 8.551 min Scan# 878  
Delta R.T. -0.006 min  
Lab File: BM037734.D  
Acq: 26 Nov 2022 15:38

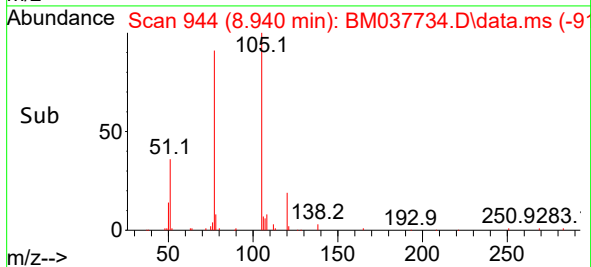
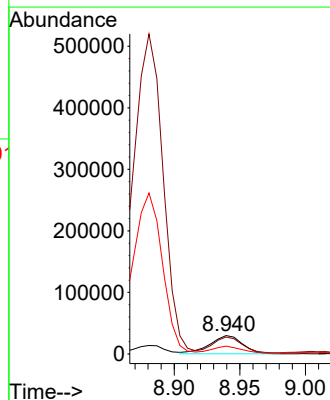
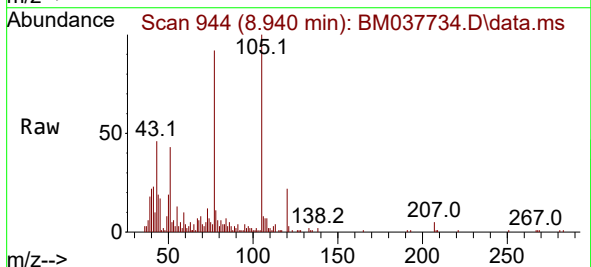
Instrument :  
BNA\_M  
ClientSampleId :  
COAH0

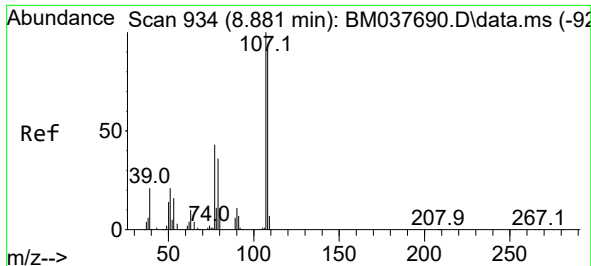
Tgt Ion:108 Resp: 49712  
Ion Ratio Lower Upper  
108 100  
107 84.8 70.6 106.0



#16  
Acetophenone  
Concen: 1.551 ng/ul  
RT: 8.940 min Scan# 944  
Delta R.T. -0.006 min  
Lab File: BM037734.D  
Acq: 26 Nov 2022 15:38

Tgt Ion:105 Resp: 51354  
Ion Ratio Lower Upper  
105 100  
77 92.4 66.6 99.8  
51 42.9 27.3 40.9#





#18

4-Methylphenol

Concen: 87.048 ng/ul

RT: 8.881 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM037734.D

Acq: 26 Nov 2022 15:38

Instrument :

BNA\_M

ClientSampleId :

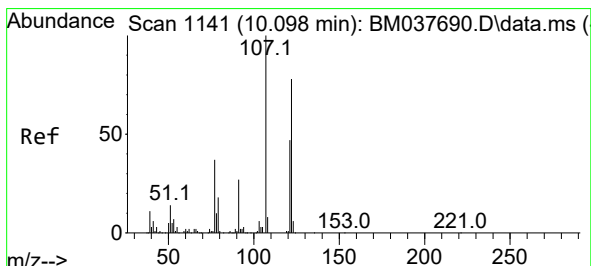
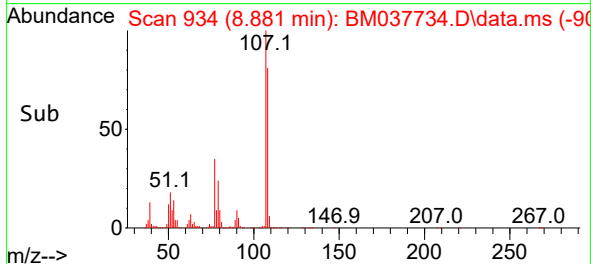
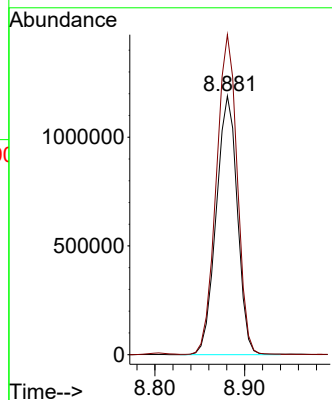
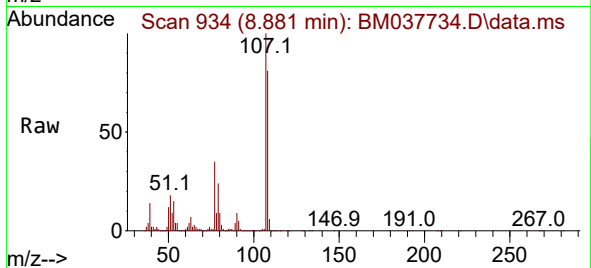
COAH0

Tgt Ion:108 Resp: 1944096

Ion Ratio Lower Upper

108 100

107 123.7 90.4 135.6



#26

2,4-Dimethylphenol

Concen: 1.609 ng/ul

RT: 10.092 min Scan# 1140

Delta R.T. -0.006 min

Lab File: BM037734.D

Acq: 26 Nov 2022 15:38

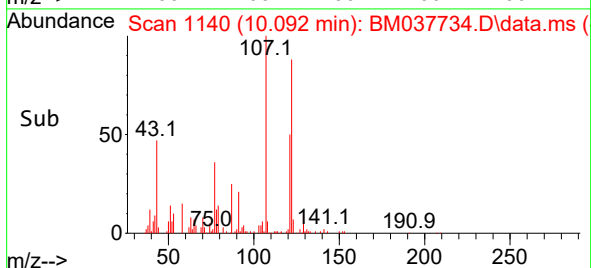
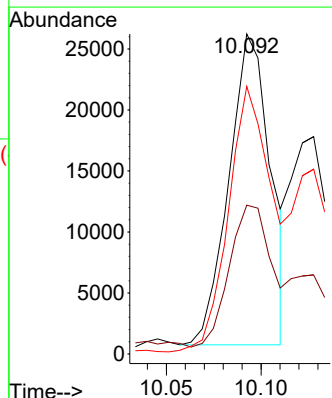
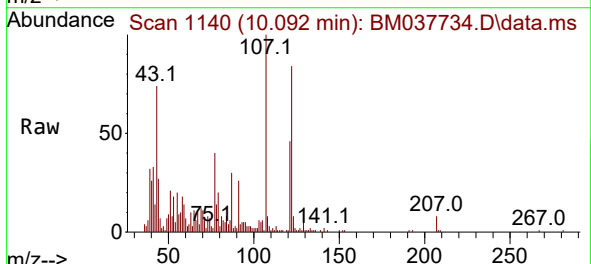
Tgt Ion:107 Resp: 38948

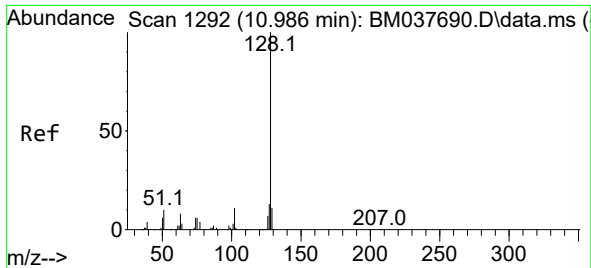
Ion Ratio Lower Upper

107 100

121 46.5 39.6 59.4

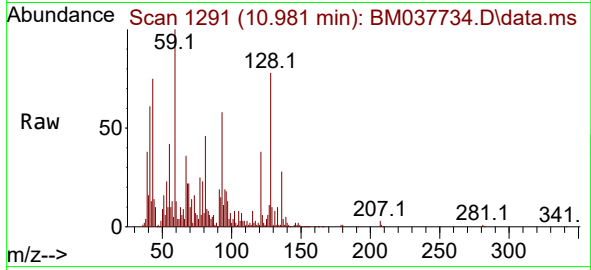
122 83.6 69.0 103.6





#30  
Naphthalene  
Concen: 1.099 ng/ul  
RT: 10.981 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BM037734.D  
Acq: 26 Nov 2022 15:38

Instrument :  
BNA\_M  
ClientSampleId :  
C0AH0



Tgt Ion:128 Resp: 75841  
Ion Ratio Lower Upper  
128 100  
129 12.7 8.6 12.8  
127 14.1 10.4 15.6

