

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM090122\  
 Data File : BM036477.D  
 Acq On : 01 Sep 2022 17:36  
 Operator : CG/JU  
 Sample : N4458-02  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0KW5

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 09/02/2022  
 Supervised By :Sohil Jodhani 09/02/2022

Quant Time: Sep 02 01:36:54 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM081622.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Sep 02 01:33:23 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.769  | 152  | 187134m  | 20.000  | ng/u1  | 0.05     |
| 20) Naphthalene-d8            | 10.545 | 136  | 840527   | 20.000  | ng/u1  | 0.02     |
| 38) Acenaphthene-d10          | 14.374 | 164  | 458533   | 20.000  | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.121 | 188  | 967517   | 20.000  | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.309 | 240  | 1042005  | 20.000  | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.603 | 264  | 1055070  | 20.000  | ng/u1  | 0.00     |
|                               |        |      |          |         |        |          |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8             | 3.128  | 96   | 26704    | 5.438   | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.563  | 84   | 177623   | 13.118  | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.910  | 99   | 134263   | 8.405   | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.081  | 67   | 501943   | 49.922  | ng/u1  | 0.01     |
| 11) 2-Chlorophenol-d4         | 7.263  | 132  | 447484   | 35.655  | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.457  | 113  | 258414   | 21.667  | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.904  | 128  | 310498   | 48.723  | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.622  | 143  | 316683   | 48.991  | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.163 | 165  | 496567   | 42.992  | ng/u1  | 0.01     |
| 31) 4-Chloroaniline-d4        | 10.681 | 131  | 454060   | 25.358  | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.804 | 166  | 1486981  | 51.260  | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.069 | 160  | 1792335  | 49.538  | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.610 | 143  | 38122    | 6.936   | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.369 | 176  | 1386753  | 52.903  | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.504 | 200  | 222996   | 44.831  | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.221 | 188  | 2218856  | 51.577  | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.515 | 212  | 2639883  | 48.839  | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.456 | 264  | 2684136  | 51.888  | ng/u1  | 0.00     |
|                               |        |      |          |         |        |          |
| Target Compounds              |        |      |          |         |        |          |
| 8) Phenol                     | 6.940  | 94   | 24781    | 1.492   | ng/u1  | 94       |
| 12) 2-Chlorophenol            | 7.298  | 128  | 23696    | 1.806   | ng/u1  | 95       |
| 22) Nitrobenzene              | 8.945  | 77   | 1460331  | 96.713  | ng/u1  | 97       |
| 25) 2-Nitrophenol             | 9.651  | 139  | 15687    | 2.178   | ng/u1# | 85       |
| 39) 1,2,4,5-Tetrachloroben... | 12.563 | 216  | 662210m  | 52.250  | ng/u1  |          |
| 75) 1,2,3,4-Tetrachloroben... | 13.175 | 216  | 1739255  | 119.807 | ng/uL  | 98       |
| 76) Pentachlorobenzene        | 14.692 | 250  | 50237    | 3.706   | ng/uL  | 100      |
| -----                         |        |      |          |         |        |          |

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

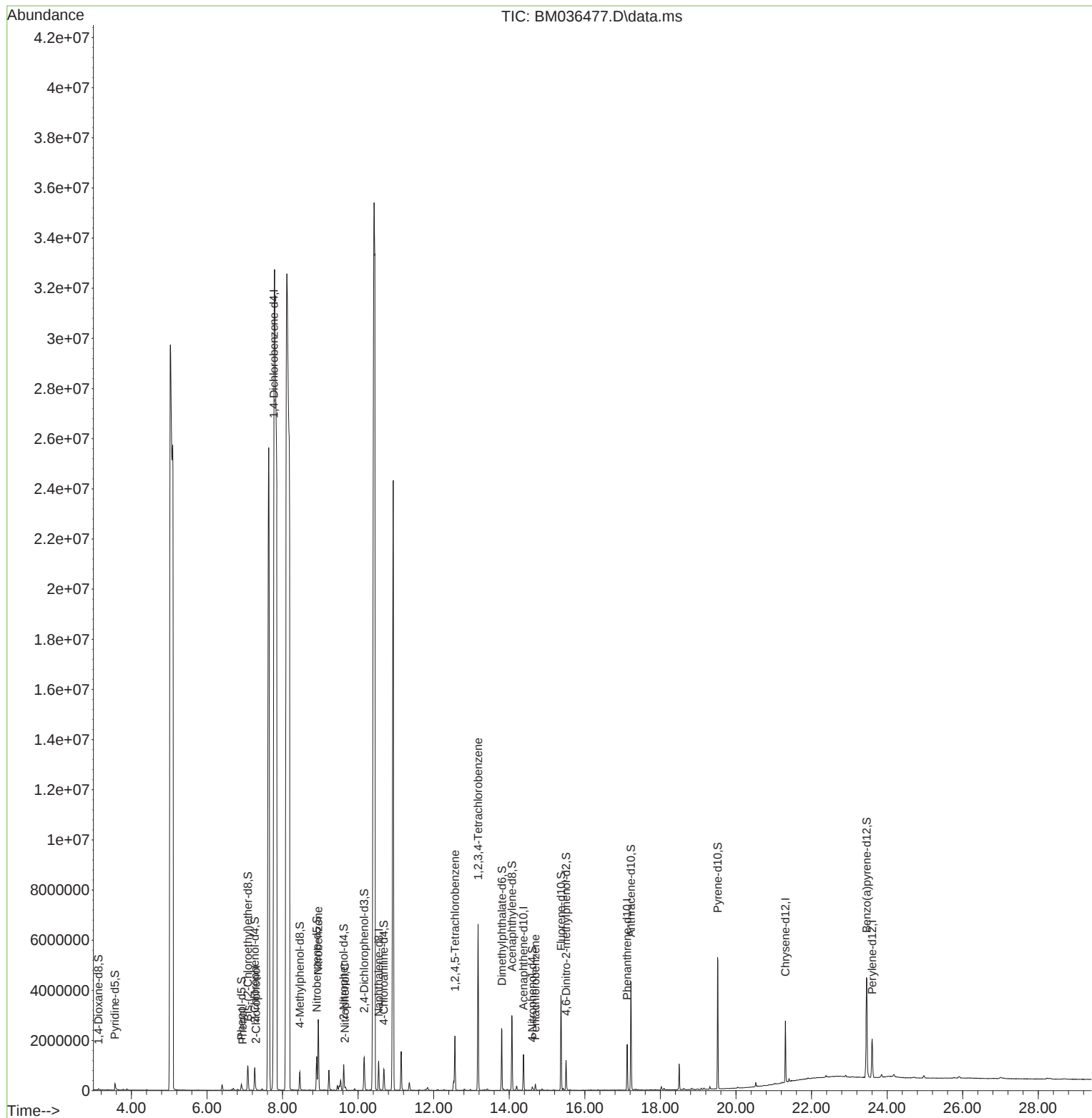
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM090122\  
Data File : BM036477.D  
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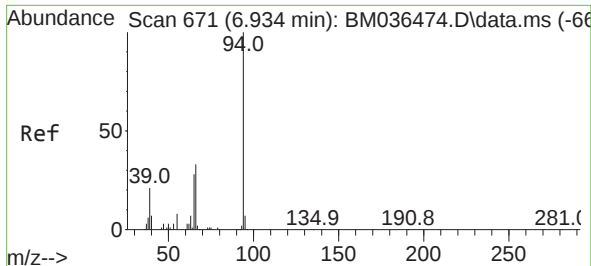
Instrument :  
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Quant Title : SVOA CALIBRATION  
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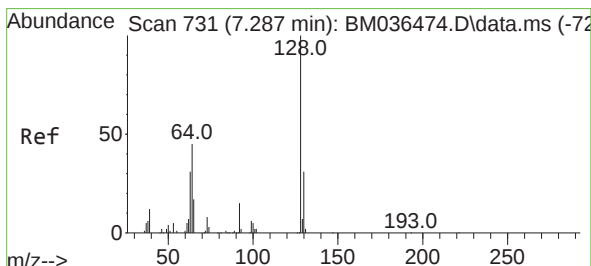
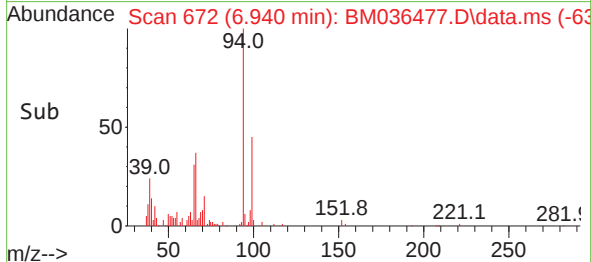
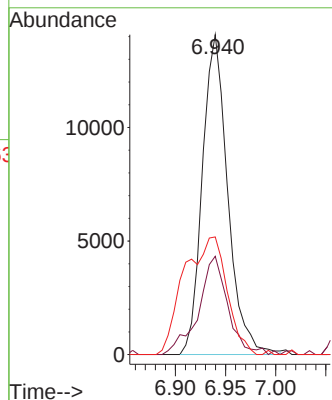
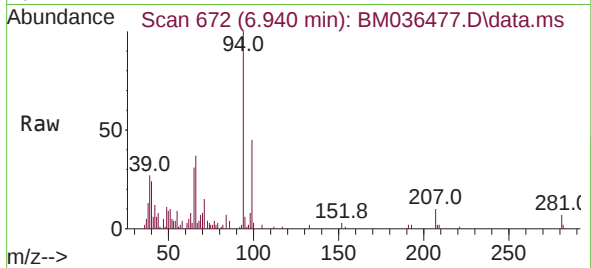
#8  
Phenol  
Concen: 1.492 ng/ul  
RT: 6.940 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: BM036477.D  
Acq: 01 Sep 2022 17:36

Instrument :  
BNA\_M  
ClientSampleId :  
C0KW5

Tgt Ion: 94 Resp: 2478  
Ion Ratio Lower Upper  
94 100  
65 30.7 21.3 31.9  
66 36.8 27.4 41.0

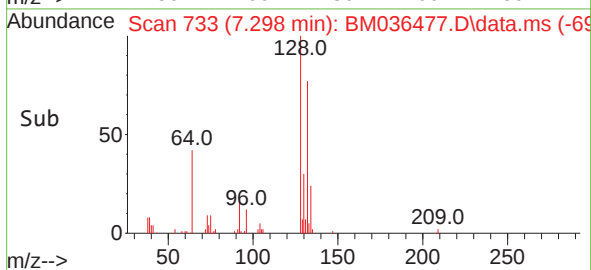
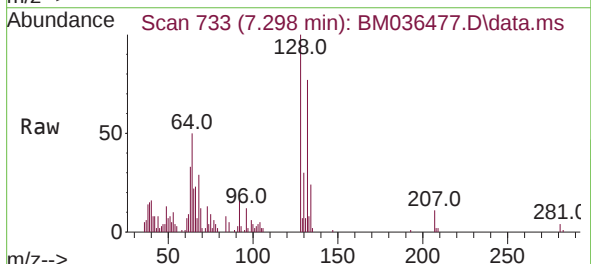
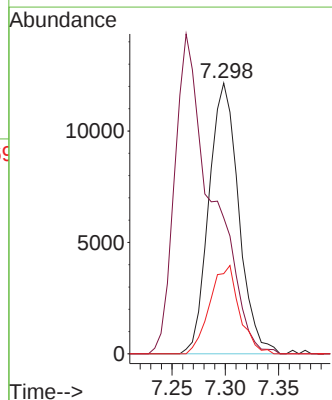
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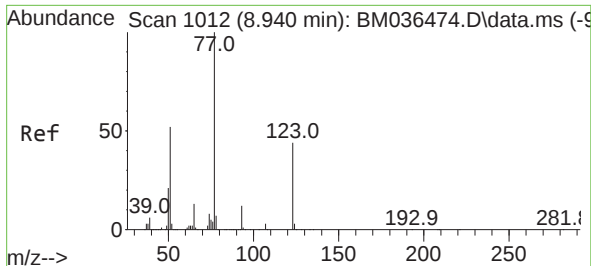
Reviewed By :Jagrut Upadhyay 09/02/2022  
Supervised By :Sohil Jodhani 09/02/2022



#12  
2-Chlorophenol  
Concen: 1.806 ng/ul  
RT: 7.298 min Scan# 733  
Delta R.T. 0.012 min  
Lab File: BM036477.D  
Acq: 01 Sep 2022 17:36

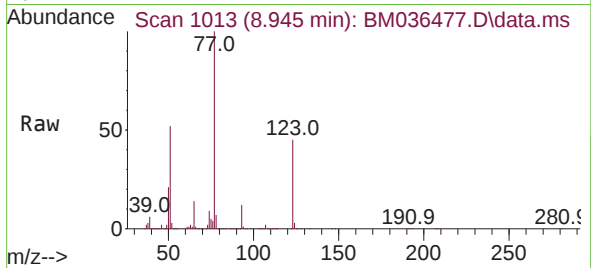
Tgt Ion:128 Resp: 23696  
Ion Ratio Lower Upper  
128 100  
64 50.2 36.9 55.3  
130 29.6 25.6 38.4





#22  
Nitrobenzene  
Concen: 96.713 ng/ul  
RT: 8.945 min Scan# 1012  
Delta R.T. 0.006 min  
Lab File: BM036477.D  
Acq: 01 Sep 2022 17:36

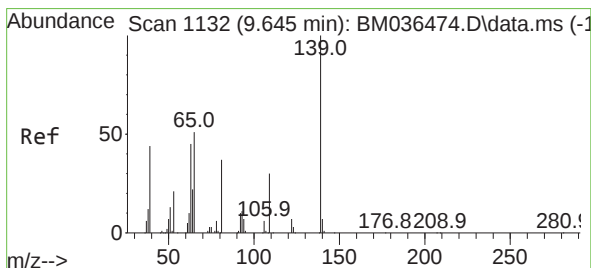
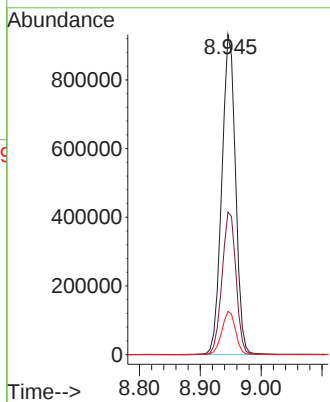
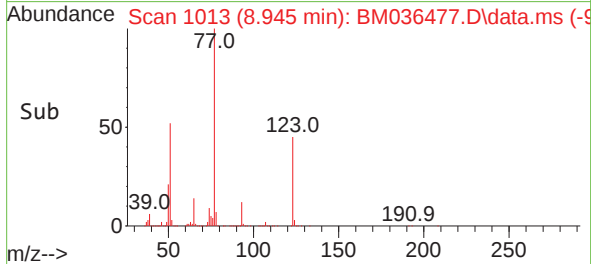
Instrument :  
BNA\_M  
ClientSampleId :  
C0KW5



Tgt Ion: 77 Resp: 146033  
Ion Ratio Lower Upper  
77 100  
123 44.5 37.4 56.0  
65 13.5 10.8 16.2

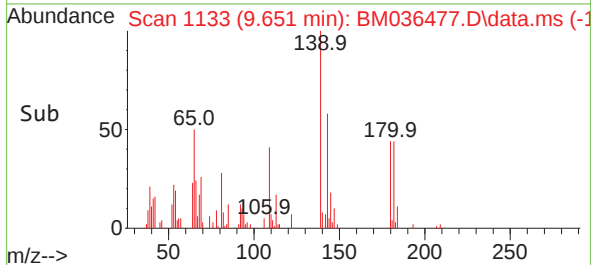
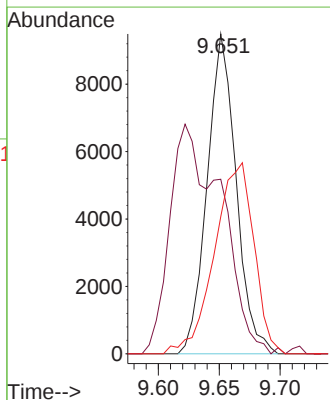
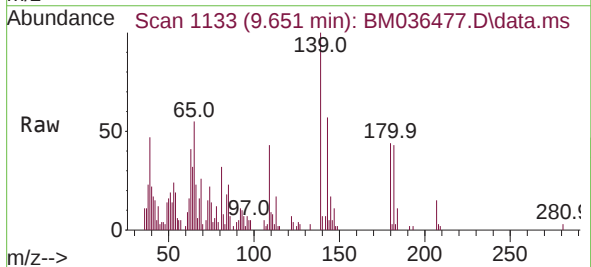
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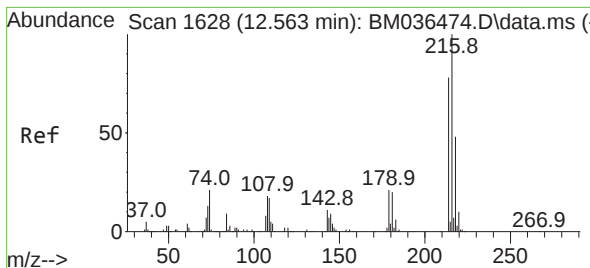
Reviewed By :Jagrut Upadhyay 09/02/2022  
Supervised By :Sohil Jodhani 09/02/2022



#25  
2-Nitrophenol  
Concen: 2.178 ng/ul  
RT: 9.651 min Scan# 1133  
Delta R.T. 0.006 min  
Lab File: BM036477.D  
Acq: 01 Sep 2022 17:36

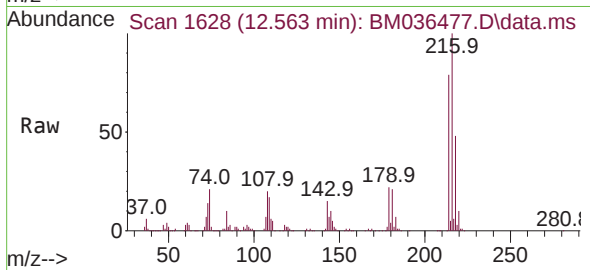
Tgt Ion:139 Resp: 15687  
Ion Ratio Lower Upper  
139 100  
65 54.6 39.8 59.6  
109 42.9 22.2 33.4#





#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 52.250 ng/ul m  
RT: 12.563 min Scan# 1628  
Delta R.T. 0.000 min  
Lab File: BM036477.D  
Acq: 01 Sep 2022 17:36

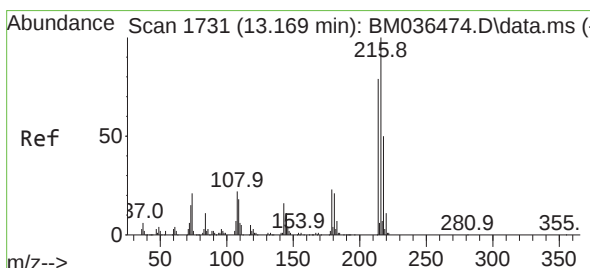
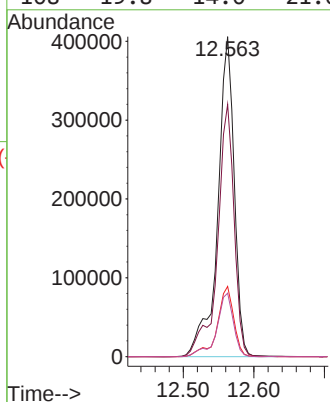
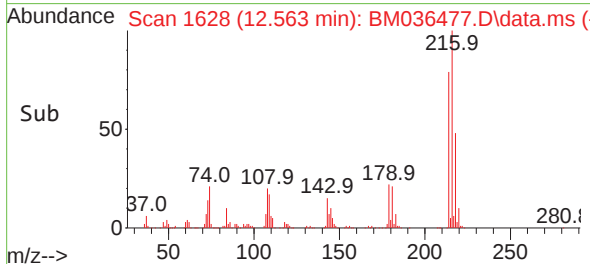
Instrument :  
BNA\_M  
ClientSampleId :  
C0KW5



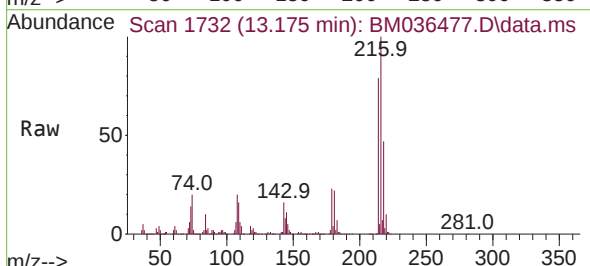
Tgt Ion:216 Resp: 662210  
Ion Ratio Lower Upper  
216 100  
214 78.8 62.4 93.6  
179 22.0 17.3 25.9  
108 19.8 14.0 21.0

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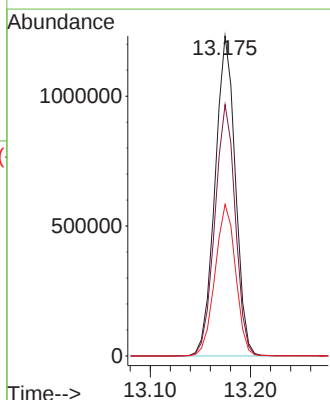
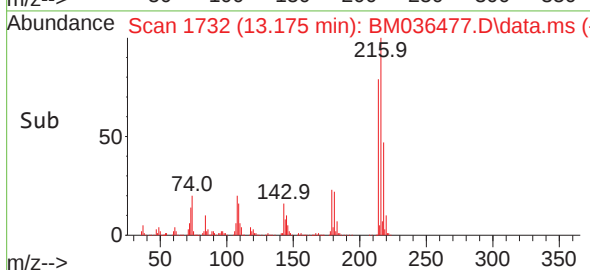
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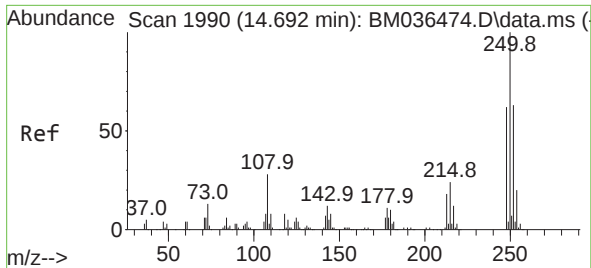


#75  
1,2,3,4-Tetrachlorobenzene  
Concen: 119.807 ng/uL  
RT: 13.175 min Scan# 1732  
Delta R.T. 0.006 min  
Lab File: BM036477.D  
Acq: 01 Sep 2022 17:36



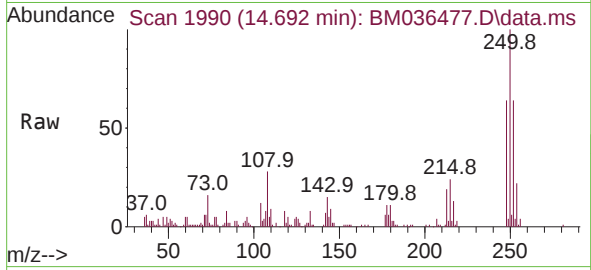
Tgt Ion:216 Resp: 1739255  
Ion Ratio Lower Upper  
216 100  
214 78.6 60.9 91.3  
218 47.3 37.5 56.3





#76  
 Pentachlorobenzene  
 Concen: 3.706 ng/uL  
 RT: 14.692 min Scan# 1990  
 Delta R.T. 0.000 min  
 Lab File: BM036477.D  
 Acq: 01 Sep 2022 17:36

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0KW5



|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 250   | Resp: | 5023 |
| Ion Ratio | Lower | Upper |      |
| 250       | 100   |       |      |
| 248       | 63.6  | 50.4  | 75.6 |
| 252       | 64.0  | 51.1  | 76.7 |

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