

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032923\  
 Data File : BN024624.D  
 Acq On : 30 Mar 2023 00:00  
 Operator : CG/JU  
 Sample : 02085-05  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 COMB4

Quant Time: Mar 30 03:34:56 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN032923.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Mar 30 03:30:09 2023  
 Response via : Initial Calibration

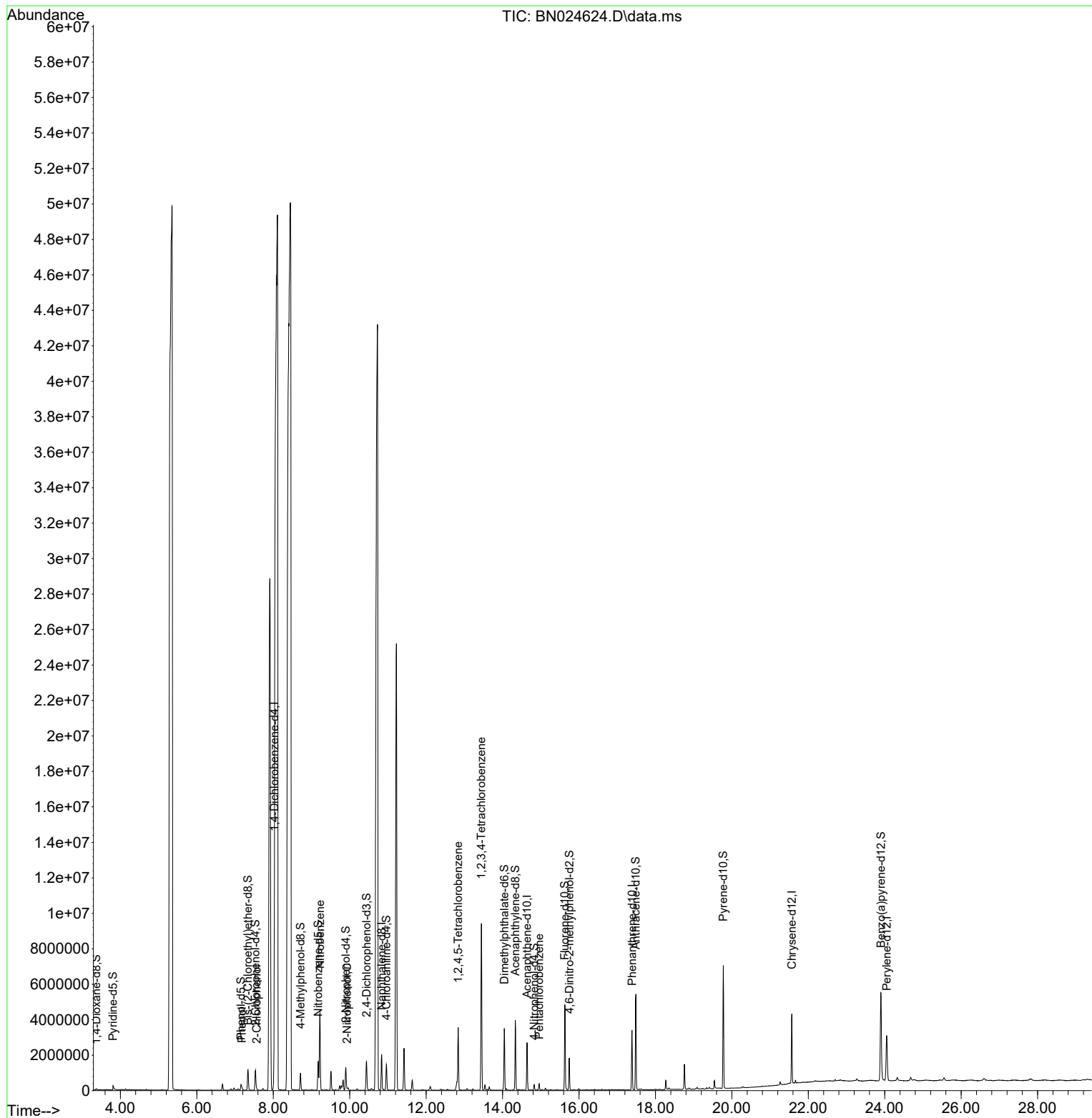
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.028  | 152  | 246321   | 20.000 | ng/u1  | 0.02     |
| 20) Naphthalene-d8            | 10.834 | 136  | 1416092  | 20.000 | ng/u1  | 0.02     |
| 38) Acenaphthene-d10          | 14.639 | 164  | 860737   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.386 | 188  | 1844466  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.568 | 240  | 1771439  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.051 | 264  | 1962874  | 20.000 | ng/u1  | -0.02    |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.369  | 96   | 31636    | 4.979  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.805  | 84   | 140230   | 7.644  | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.157  | 99   | 167083   | 7.168  | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.334  | 67   | 611570   | 40.627 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.534  | 132  | 511242   | 29.582 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.710  | 113  | 328548   | 17.623 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.175  | 128  | 356125   | 31.777 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.899  | 143  | 367714   | 30.313 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.440 | 165  | 578158   | 26.241 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.957 | 131  | 714926   | 21.266 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.045 | 166  | 2090882  | 31.589 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.334 | 160  | 2382945  | 31.617 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.828 | 143  | 63851    | 4.609  | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.628 | 176  | 1815691  | 31.971 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.745 | 200  | 311822   | 25.667 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.486 | 188  | 2888505  | 33.296 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.774 | 212  | 3398216  | 33.178 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.898 | 264  | 3509712  | 35.288 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 8) Phenol                     | 7.181  | 94   | 66633    | 2.754  | ng/u1  | 97       |
| 12) 2-Chlorophenol            | 7.563  | 128  | 36515    | 2.025  | ng/u1  | 98       |
| 22) Nitrobenzene              | 9.222  | 77   | 2263453  | 77.754 | ng/u1  | 98       |
| 25) 2-Nitrophenol             | 9.928  | 139  | 23010    | 1.745  | ng/u1  | 98       |
| 39) 1,2,4,5-Tetrachloroben... | 12.840 | 216  | 1140292  | 44.692 | ng/u1  | 94       |
| 75) 1,2,3,4-Tetrachloroben... | 13.445 | 216  | 2590244  | 98.227 | ng/uL  | 94       |
| 76) Pentachlorobenzene        | 14.957 | 250  | 84605    | 3.303  | ng/uL  | 97       |

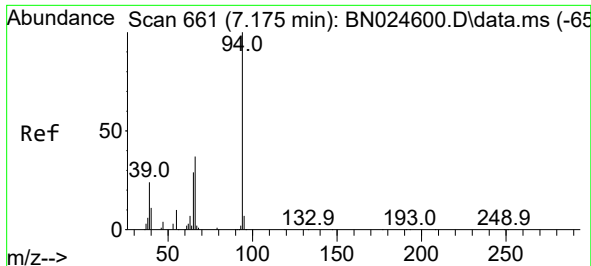
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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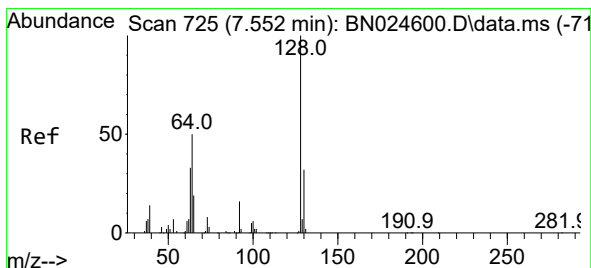
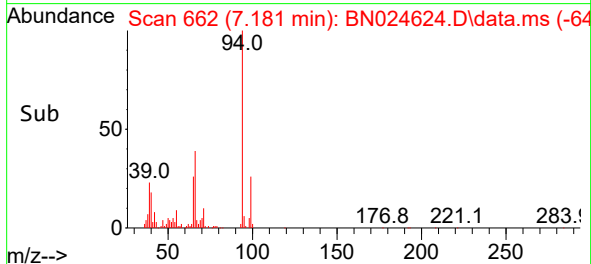
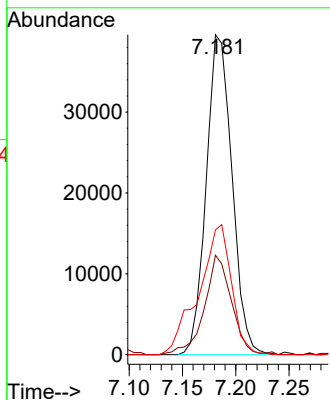
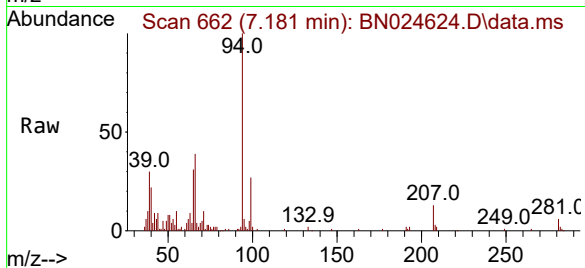




#8  
Phenol  
Concen: 2.754 ng/ul  
RT: 7.181 min Scan# 661  
Delta R.T. -0.000 min  
Lab File: BN024624.D  
Acq: 30 Mar 2023 00:00

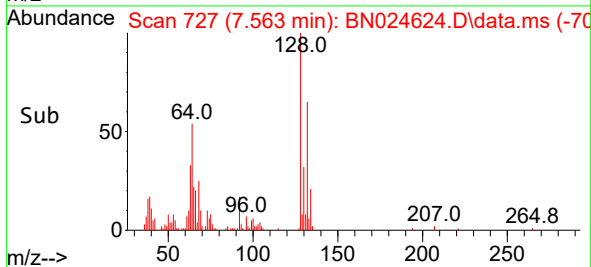
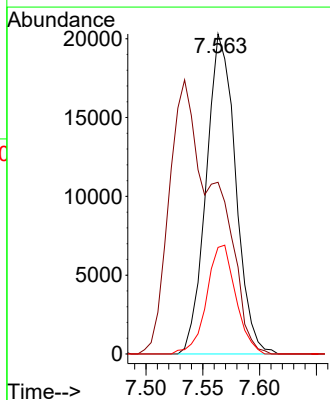
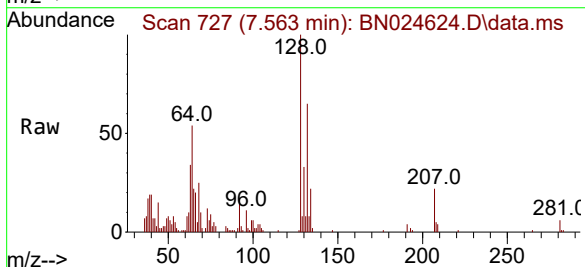
Instrument :  
BNA\_N  
ClientSampleId :  
COMB4

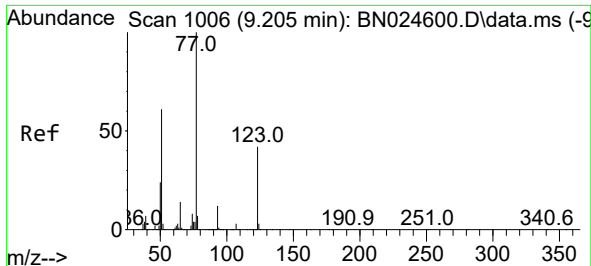
Tgt Ion: 94 Resp: 66633  
Ion Ratio Lower Upper  
94 100  
65 31.1 23.7 35.5  
66 39.0 29.9 44.9



#12  
2-Chlorophenol  
Concen: 2.025 ng/ul  
RT: 7.563 min Scan# 727  
Delta R.T. 0.006 min  
Lab File: BN024624.D  
Acq: 30 Mar 2023 00:00

Tgt Ion: 128 Resp: 36515  
Ion Ratio Lower Upper  
128 100  
64 53.6 41.6 62.4  
130 33.3 25.6 38.4

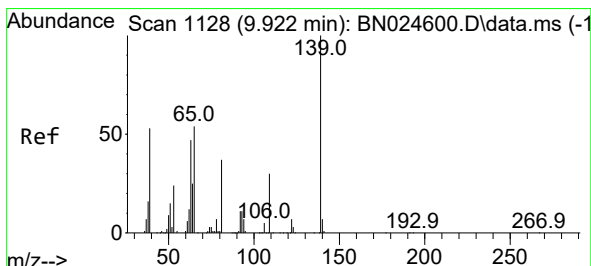
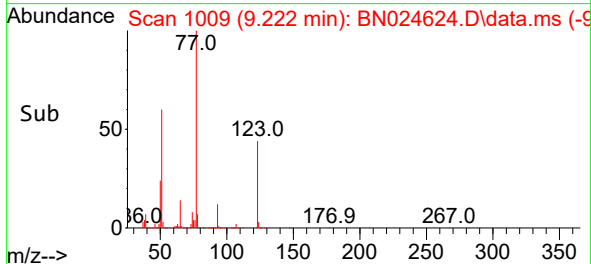
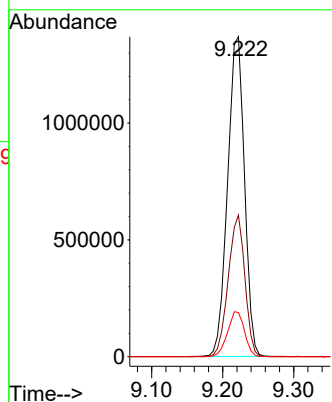
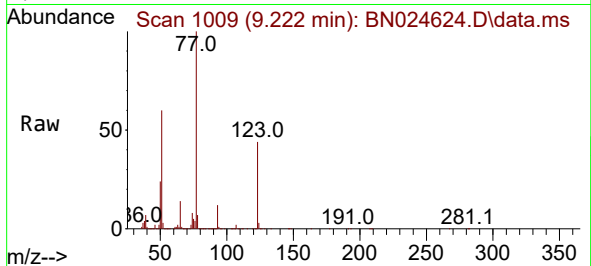




#22  
Nitrobenzene  
Concen: 77.754 ng/ul  
RT: 9.222 min Scan# 1009  
Delta R.T. 0.012 min  
Lab File: BN024624.D  
Acq: 30 Mar 2023 00:00

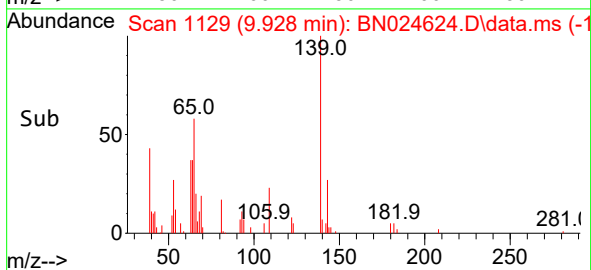
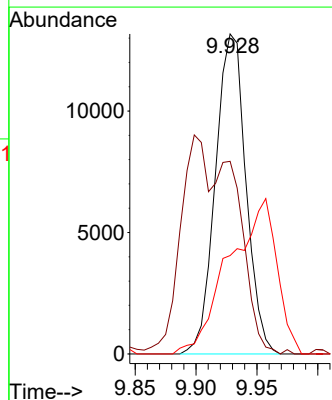
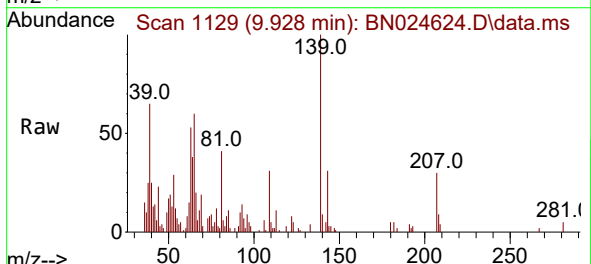
Instrument :  
BNA\_N  
ClientSampleId :  
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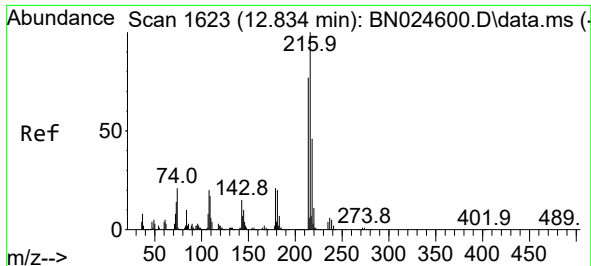
Tgt Ion: 77 Resp: 2263453  
Ion Ratio Lower Upper  
77 100  
123 44.3 34.3 51.5  
65 13.8 10.8 16.2



#25  
2-Nitrophenol  
Concen: 1.745 ng/ul  
RT: 9.928 min Scan# 1129  
Delta R.T. -0.000 min  
Lab File: BN024624.D  
Acq: 30 Mar 2023 00:00

Tgt Ion:139 Resp: 23010  
Ion Ratio Lower Upper  
139 100  
65 60.2 46.3 69.5  
109 30.7 24.6 37.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.692 ng/ul

RT: 12.840 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN024624.D

Acq: 30 Mar 2023 00:00

Instrument :

BNA\_N

ClientSampleId :

COMB4

Tgt Ion:216 Resp: 1140292

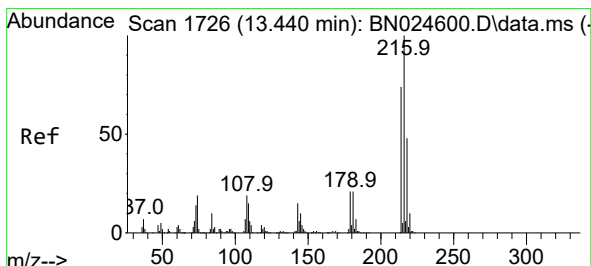
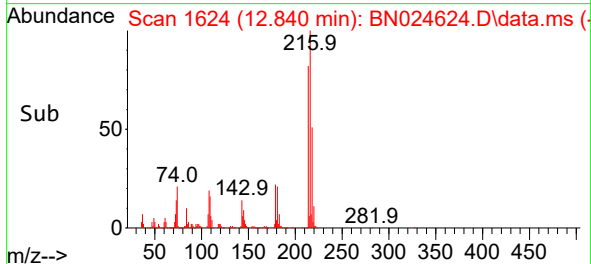
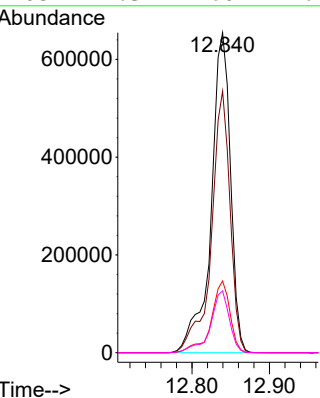
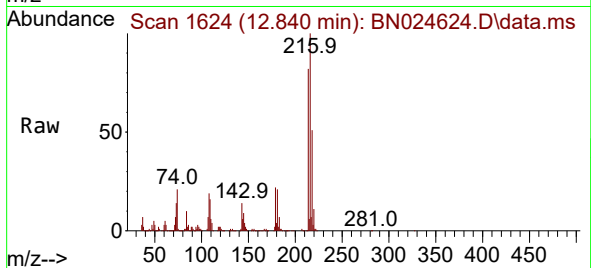
Ion Ratio Lower Upper

216 100

214 81.8 61.0 91.4

179 22.4 15.7 23.5

108 19.3 14.0 21.0



#75

1,2,3,4-Tetrachlorobenzene

Concen: 98.227 ng/ul

RT: 13.445 min Scan# 1727

Delta R.T. -0.000 min

Lab File: BN024624.D

Acq: 30 Mar 2023 00:00

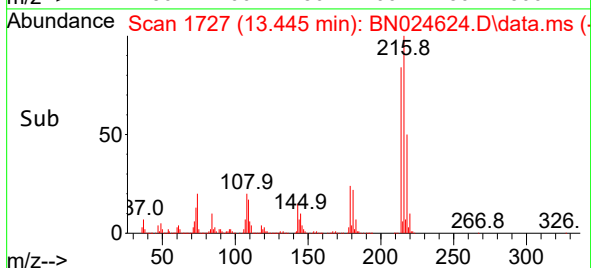
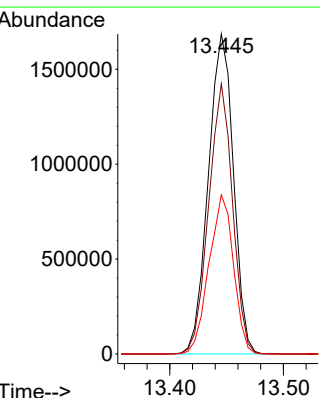
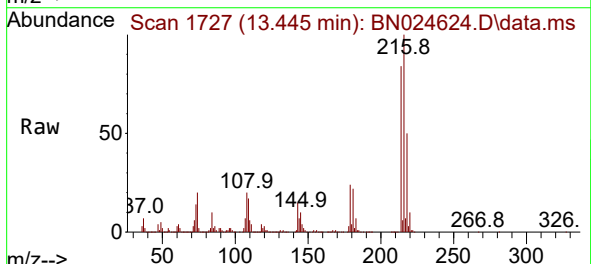
Tgt Ion:216 Resp: 2590244

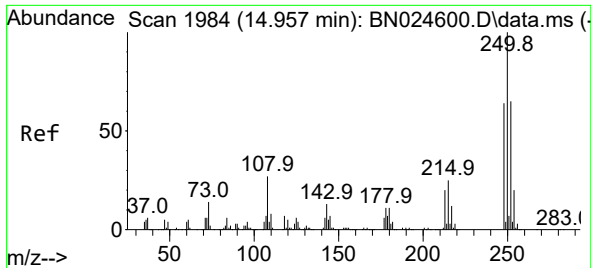
Ion Ratio Lower Upper

216 100

214 84.4 62.7 94.1

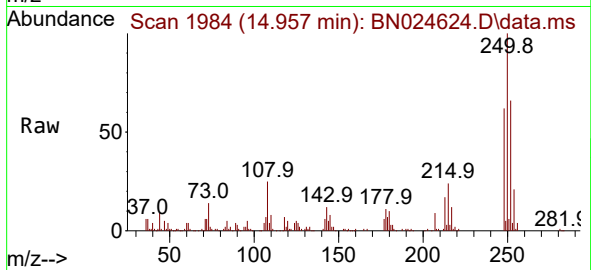
218 49.7 38.0 57.0





#76  
 Pentachlorobenzene  
 Concen: 3.303 ng/uL  
 RT: 14.957 min Scan# 1984  
 Delta R.T. -0.000 min  
 Lab File: BN024624.D  
 Acq: 30 Mar 2023 00:00

Instrument :  
 BNA\_N  
 ClientSampleId :  
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Tgt Ion:250 Resp: 84605  
 Ion Ratio Lower Upper  
 250 100  
 248 61.6 50.5 75.7  
 252 66.4 50.9 76.3

