

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040323\  
 Data File : BP014494.D  
 Acq On : 03 Apr 2023 19:13  
 Operator : CG/JU  
 Sample : 02093-11  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 CB989

Quant Time: Apr 04 01:38:59 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP032823.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Apr 04 01:34:36 2023  
 Response via : Initial Calibration

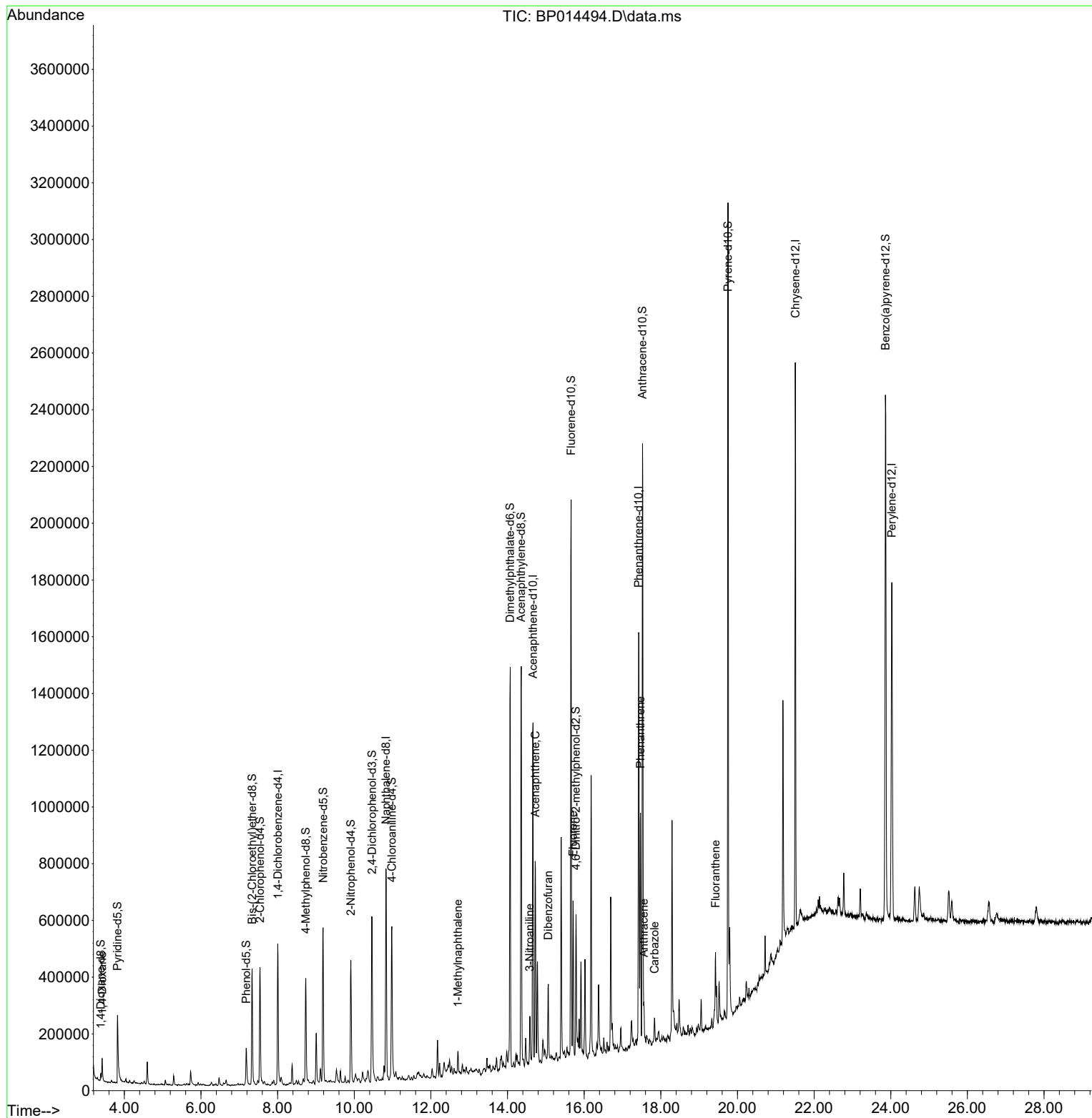
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.005  | 152  | 124698   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.828 | 136  | 558678   | 20.000 | ng/u1  | # 0.00   |
| 38) Acenaphthene-d10          | 14.663 | 164  | 375773   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.422 | 188  | 888336   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.510 | 240  | 911178   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.027 | 264  | 919606   | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.387  | 96   | 14526    | 4.517  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.822  | 84   | 143990   | 17.474 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.181  | 99   | 78610    | 6.836  | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.334  | 67   | 193193   | 26.183 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.540  | 132  | 172993   | 20.812 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.734  | 113  | 141704   | 15.276 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.187  | 128  | 111997   | 24.832 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.910  | 143  | 120959   | 23.422 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.463 | 165  | 213721   | 22.723 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.981 | 131  | 267810   | 21.617 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.069 | 166  | 844578   | 27.720 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.357 | 160  | 878679   | 25.990 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.875 | 143  | 114      | 0.025  | ng/u1  | -0.02    |
| 60) Fluorene-d10              | 15.657 | 176  | 690797   | 27.188 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.787 | 200  | 101698   | 15.558 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.522 | 188  | 1147148  | 26.683 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.751 | 212  | 1425994  | 23.299 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.863 | 264  | 1309086  | 26.794 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.422  | 88   | 41672    | 11.793 | ng/uL  | 95       |
| 37) 1-Methylnaphthalene       | 12.704 | 142  | 29515    | 1.411  | ng/u1# | 100      |
| 51) 3-Nitroaniline            | 14.581 | 138  | 10395    | 1.949  | ng/u1# | 1        |
| 52) Acenaphthene              | 14.722 | 153  | 274978   | 10.808 | ng/u1  | 99       |
| 56) Dibenzofuran              | 15.063 | 168  | 149257   | 4.173  | ng/u1  | 100      |
| 61) Fluorene                  | 15.710 | 166  | 223130   | 7.697  | ng/u1  | 100      |
| 72) Phenanthrene              | 17.469 | 178  | 458321   | 9.274  | ng/u1  | 99       |
| 74) Anthracene                | 17.557 | 178  | 78745    | 1.581  | ng/u1  | 99       |
| 77) Carbazole                 | 17.833 | 167  | 60915    | 1.461  | ng/u1  | 99       |
| 80) Fluoranthene              | 19.427 | 202  | 136145   | 1.881  | ng/u1  | 98       |

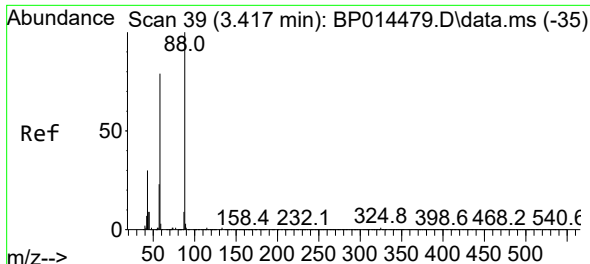
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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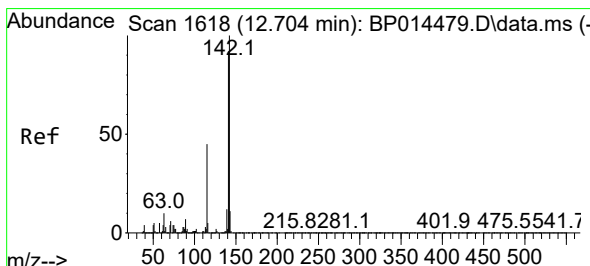
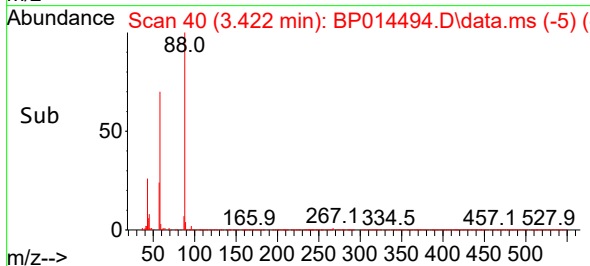
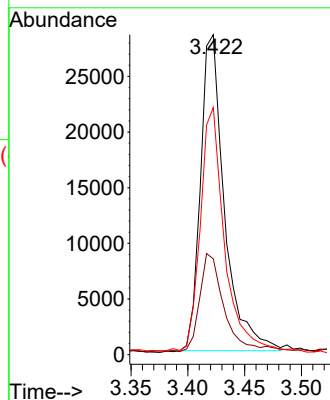
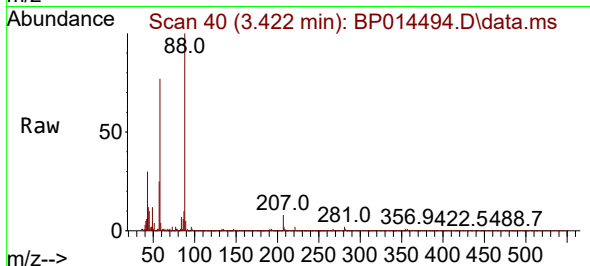




#2  
1,4-Dioxane  
Concen: 11.793 ng/uL  
RT: 3.422 min Scan# 40  
Delta R.T. 0.006 min  
Lab File: BP014494.D  
Acq: 03 Apr 2023 19:13

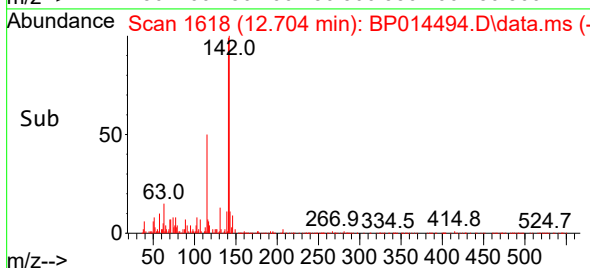
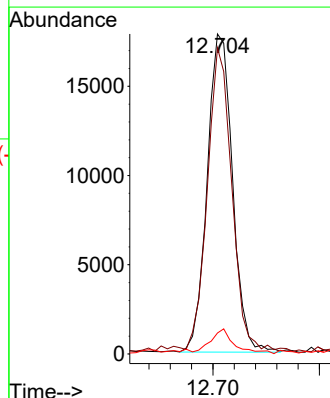
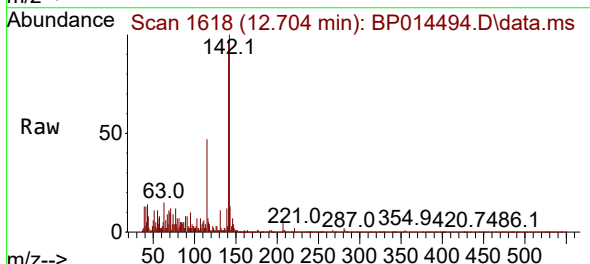
Instrument :  
BNA\_P  
ClientSampleId :  
CB989

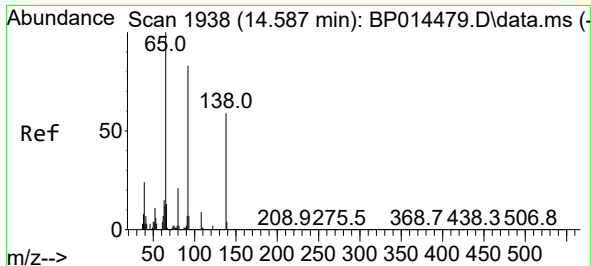
Tgt Ion: 88 Resp: 41672  
Ion Ratio Lower Upper  
88 100  
43 30.0 24.4 36.6  
58 77.3 57.4 86.0



#37  
1-Methylnaphthalene  
Concen: 1.411 ng/uL  
RT: 12.704 min Scan# 1618  
Delta R.T. -0.000 min  
Lab File: BP014494.D  
Acq: 03 Apr 2023 19:13

Tgt Ion: 142 Resp: 29515  
Ion Ratio Lower Upper  
142 100  
141 95.7 76.6 114.8  
116 6.5 3.6 5.4

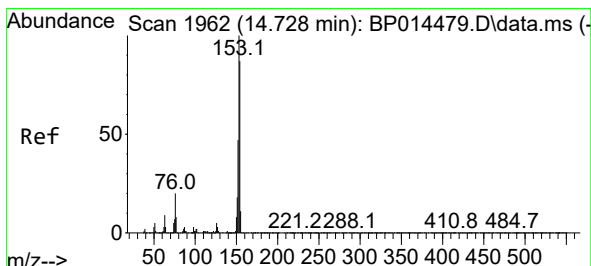
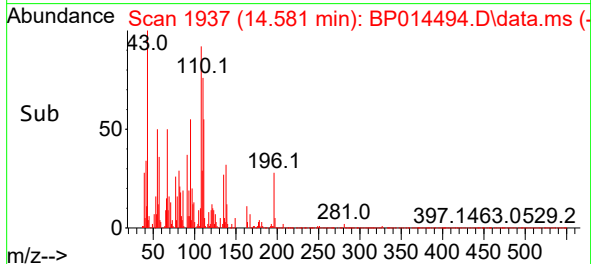
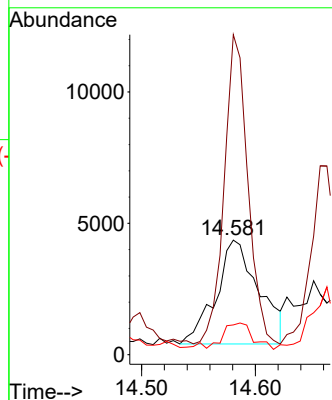
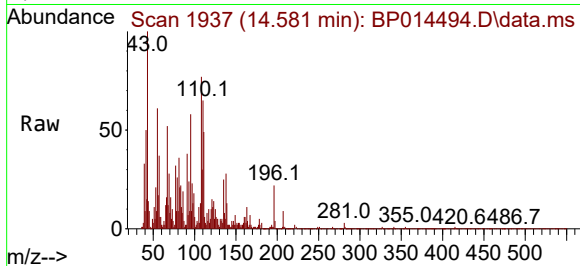




#51  
3-Nitroaniline  
Concen: 1.949 ng/ul  
RT: 14.581 min Scan# 1938  
Delta R.T. -0.006 min  
Lab File: BP014494.D  
Acq: 03 Apr 2023 19:13

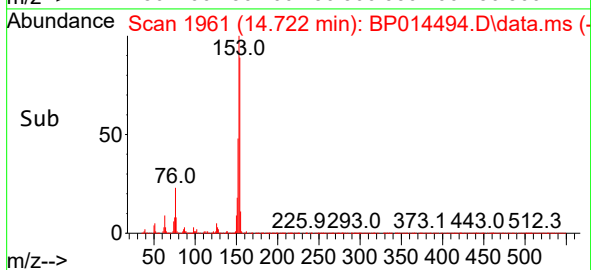
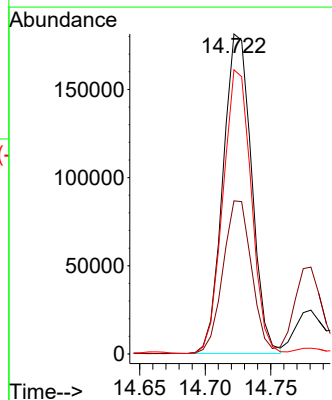
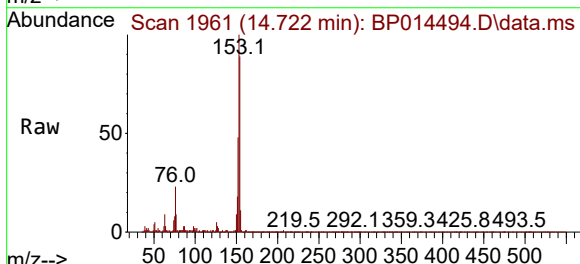
Instrument :  
BNA\_P  
ClientSampleId :  
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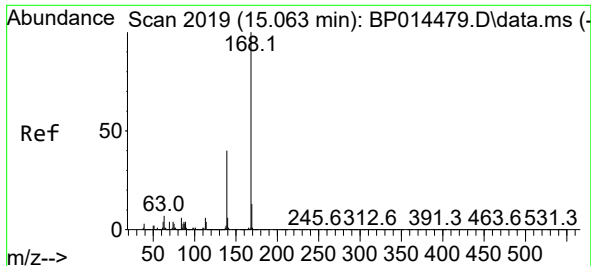
Tgt Ion:138 Resp: 10395  
Ion Ratio Lower Upper  
138 100  
108 279.3 9.9 14.9#  
92 26.0 107.6 161.4#



#52  
Acenaphthene  
Concen: 10.808 ng/ul  
RT: 14.722 min Scan# 1961  
Delta R.T. -0.006 min  
Lab File: BP014494.D  
Acq: 03 Apr 2023 19:13

Tgt Ion:153 Resp: 274978  
Ion Ratio Lower Upper  
153 100  
152 47.8 38.2 57.4  
154 88.8 70.2 105.2

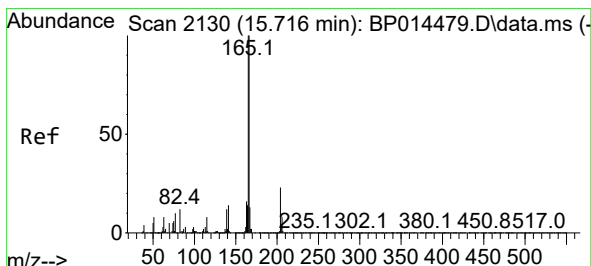
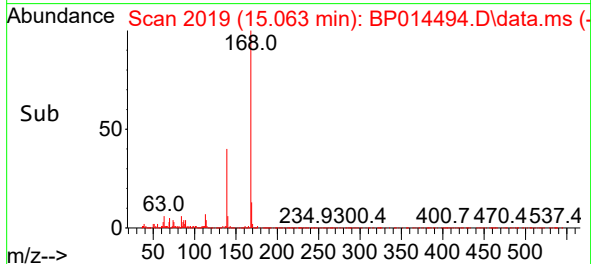
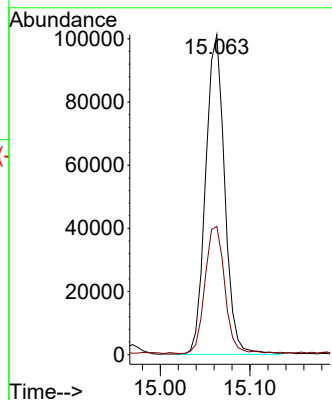
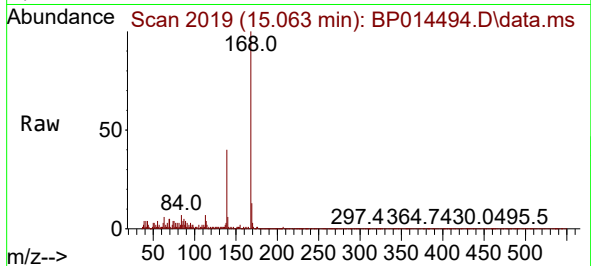




#56  
Dibenzenofuran  
Concen: 4.173 ng/ul  
RT: 15.063 min Scan# 2019  
Delta R.T. -0.000 min  
Lab File: BP014494.D  
Acq: 03 Apr 2023 19:13

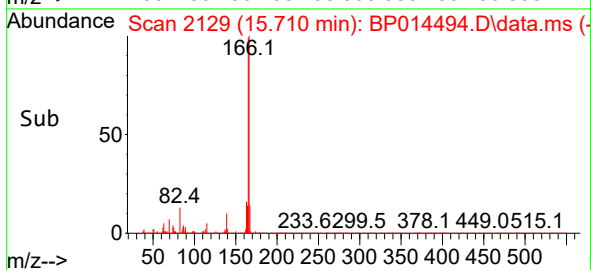
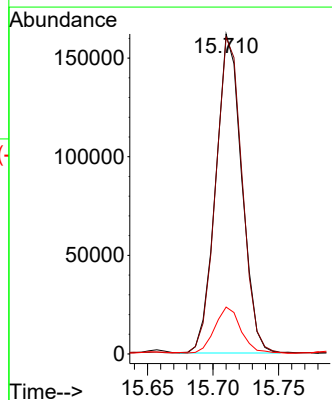
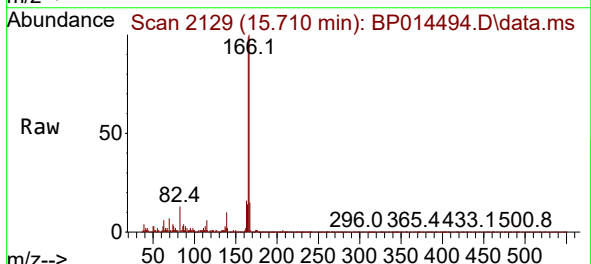
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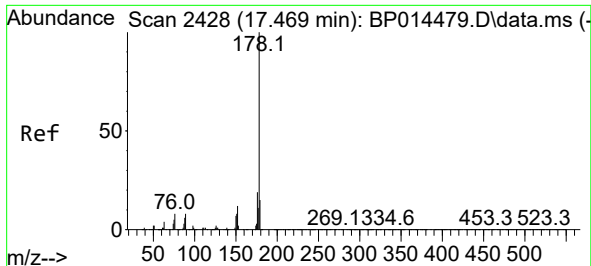
Tgt Ion:168 Resp: 149257  
Ion Ratio Lower Upper  
168 100  
139 40.1 32.1 48.1



#61  
Fluorene  
Concen: 7.697 ng/ul  
RT: 15.710 min Scan# 2129  
Delta R.T. -0.006 min  
Lab File: BP014494.D  
Acq: 03 Apr 2023 19:13

Tgt Ion:166 Resp: 223130  
Ion Ratio Lower Upper  
166 100  
165 98.9 79.2 118.8  
167 14.6 11.0 16.4

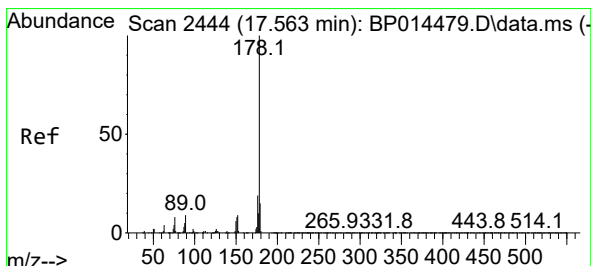
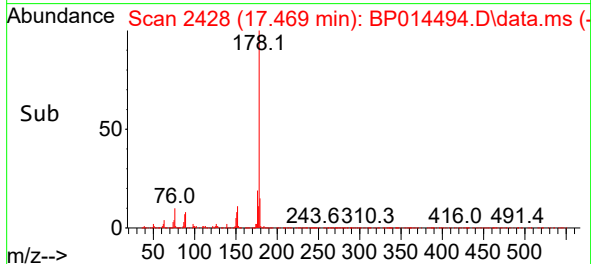
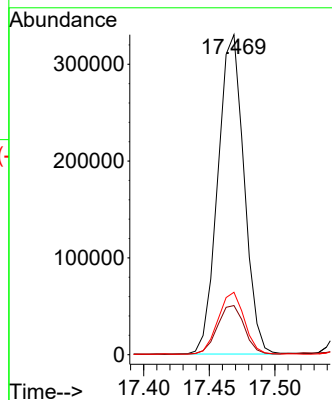
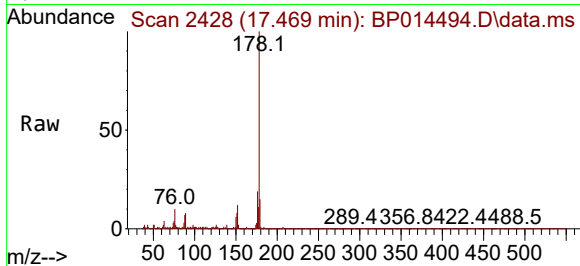




#72  
Phenanthrene  
Concen: 9.274 ng/ul  
RT: 17.469 min Scan# 2428  
Delta R.T. -0.000 min  
Lab File: BP014494.D  
Acq: 03 Apr 2023 19:13

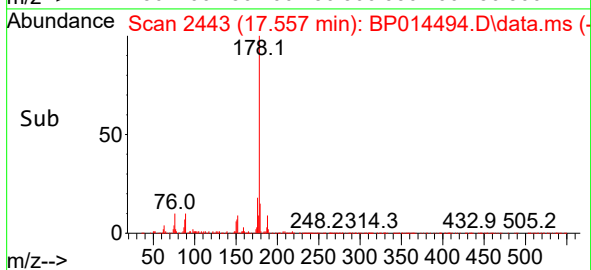
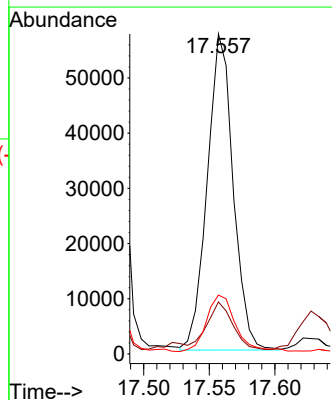
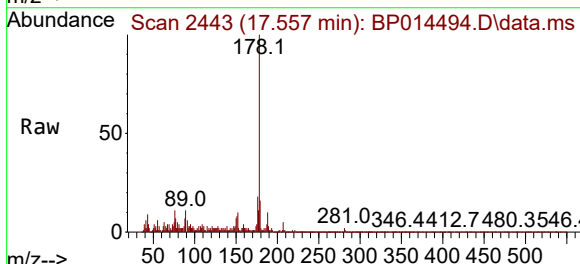
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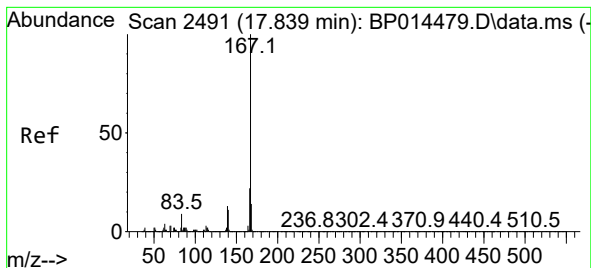
Tgt Ion:178 Resp: 458321  
Ion Ratio Lower Upper  
178 100  
179 15.3 12.2 18.4  
176 19.5 15.3 22.9



#74  
Anthracene  
Concen: 1.581 ng/ul  
RT: 17.557 min Scan# 2443  
Delta R.T. -0.000 min  
Lab File: BP014494.D  
Acq: 03 Apr 2023 19:13

Tgt Ion:178 Resp: 78745  
Ion Ratio Lower Upper  
178 100  
179 16.2 12.2 18.4  
176 18.4 14.9 22.3





#77

Carbazole

Concen: 1.461 ng/ul

RT: 17.833 min Scan# 2491

Delta R.T. -0.000 min

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Acq: 03 Apr 2023 19:13

Instrument :

BNA\_P

ClientSampleId :

CB989

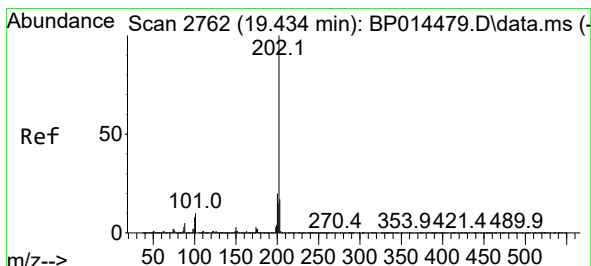
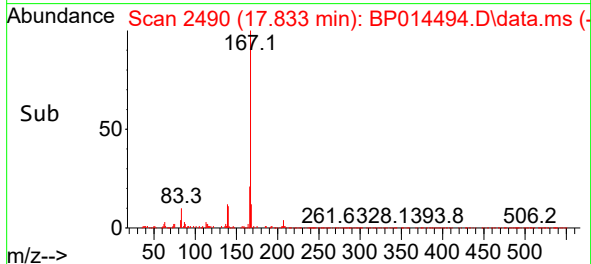
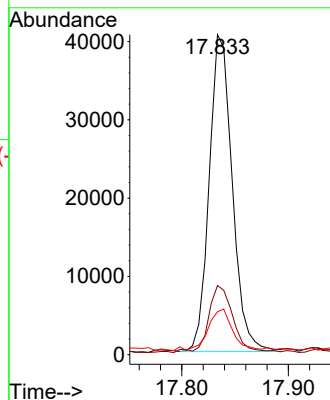
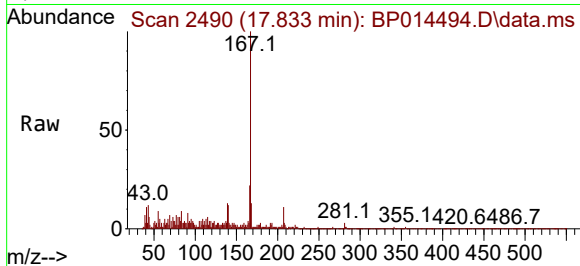
Tgt Ion:167 Resp: 60915

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.2

139 13.4 11.3 16.9



#80

Fluoranthene

Concen: 1.881 ng/ul

RT: 19.427 min Scan# 2761

Delta R.T. -0.000 min

Lab File: BP014494.D

Acq: 03 Apr 2023 19:13

Tgt Ion:202 Resp: 136145

Ion Ratio Lower Upper

202 100

101 11.1 8.2 12.2

100 8.7 6.4 9.6

