

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN021424\  
 Data File : BN029817.D  
 Acq On : 15 Feb 2024 20:51  
 Operator : MA/JU  
 Sample : PB158982BS  
 Misc :  
 ALS Vial : 97 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Feb 15 21:52:59 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN020724.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Feb 13 22:50:45 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|--------|----------|
| -----                         |        |      |          |           |        |          |
| Internal Standards            |        |      |          |           |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 0.000  | 152  | 0        | 0.000     | ng/ul  | -7.87    |
| 20) Naphthalene-d8            | 0.000  | 136  | 0        | 0.000     | ng/ul  | -10.67   |
| 38) Acenaphthene-d10          | 14.504 | 164  | 281      | 20.000    | ng/ul  | #-0.01   |
| 64) Phenanthrene-d10          | 0.000  | 188  | 0        | 0.000     | ng/ul  | -17.27   |
| 79) Chrysene-d12              | 21.469 | 240  | 1678     | 20.000    | ng/ul  | # 0.00   |
| 88) Perylene-d12              | 23.822 | 264  | 522      | 20.000    | ng/ul  | #-0.01   |
|                               |        |      |          |           |        |          |
| System Monitoring Compounds   |        |      |          |           |        |          |
| 3) 1,4-Dioxane-d8             | 3.317  | 96   | 22880    | 0.000     | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.728  | 84   | 331585   | 0.000     | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.040  | 99   | 438256   | 0.000     | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.211  | 67   | 263350   | 0.000     | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.399  | 132  | 347264   | 0.000     | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.581  | 113  | 340468   | 0.000     | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.034  | 128  | 166512   | 0.000     | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.752  | 143  | 171827   | 0.000     | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.287 | 165  | 309511   | 0.000     | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.810 | 131  | 406812   | 0.000     | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.934 | 166  | 892462   | 42659.268 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.204 | 160  | 1043417  | 41997.341 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.728 | 143  | 178740   | 45014.482 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.510 | 176  | 748887   | 42078.035 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.640 | 200  | 135066   | 0.000     | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.363 | 188  | 1137912  | 0.000     | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.663 | 212  | 1311472  | 13023.795 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.686 | 264  | 1245697  | 47690.855 | ng/ul  | 0.00     |
|                               |        |      |          |           |        |          |
| Target Compounds              |        |      |          |           | Qvalue |          |
| 39) 1,2,4,5-Tetrachloroben... | 12.699 | 216  | 344914   | 41409.903 | ng/ul  | 98       |
| 40) Hexachlorocyclopentadiene | 12.669 | 237  | 178803   | 32841.616 | ng/ul  | 96       |
| 41) 2,4,6-Trichlorophenol     | 12.946 | 196  | 225163   | 46900.404 | ng/ul  | 99       |
| 42) 2,4,5-Trichlorophenol     | 13.016 | 196  | 256358   | 47522.659 | ng/ul  | 99       |
| 43) 1,1'-Biphenyl             | 13.346 | 154  | 940307   | 39678.523 | ng/ul  | 97       |
| 44) 2-Chloronaphthalene       | 13.387 | 162  | 747974   | 40611.114 | ng/ul  | 99       |
| 45) 2-Nitroaniline            | 13.604 | 65   | 260084   | 48031.255 | ng/ul  | 93       |
| 47) Dimethylphthalate         | 13.981 | 163  | 964032   | 45015.883 | ng/ul  | 99       |
| 48) 2,6-Dinitrotoluene        | 14.104 | 165  | 193468   | 50486.572 | ng/ul  | 100      |
| 50) Acenaphthylene            | 14.234 | 152  | 1256296  | 42133.209 | ng/ul  | 98       |
| 51) 3-Nitroaniline            | 14.434 | 138  | 204518   | 45856.358 | ng/ul  | 95       |
| 52) Acenaphthene              | 14.575 | 153  | 825007   | 41885.682 | ng/ul  | 96       |
| 53) 2,4-Dinitrophenol         | 14.640 | 184  | 91061    | 46824.621 | ng/ul  | 94       |
| 55) 4-Nitrophenol             | 14.740 | 109  | 172483   | 47505.484 | ng/ul  | 93       |
| 56) Dibenzofuran              | 14.910 | 168  | 1087832  | 41824.356 | ng/ul  | 96       |
| 57) 2,4-Dinitrotoluene        | 14.893 | 165  | 291329   | 53997.796 | ng/ul  | 92       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.140 | 232  | 194803   | 50882.017 | ng/ul  | 97       |
| 59) Diethylphthalate          | 15.351 | 149  | 1039769  | 47266.346 | ng/ul  | 100      |
| 61) Fluorene                  | 15.563 | 166  | 892954   | 43433.597 | ng/ul  | 96       |
| 62) 4-Chlorophenyl-phenyle... | 15.563 | 204  | 410997   | 44695.847 | ng/ul  | 97       |
| 63) 4-Nitroaniline            | 15.598 | 138  | 233072   | 57900.876 | ng/ul  | 96       |
| 80) Fluoranthene              | 19.328 | 202  | 1658442  | 13557.940 | ng/ul  | 95       |
| 82) Pyrene                    | 19.692 | 202  | 1687307  | 13038.916 | ng/ul  | 96       |
| 83) Butylbenzylphthalate      | 20.616 | 149  | 886117   | 16801.939 | ng/ul  | 89       |

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 Sample : PB158982BS  
 Misc :  
 ALS Vial : 97 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

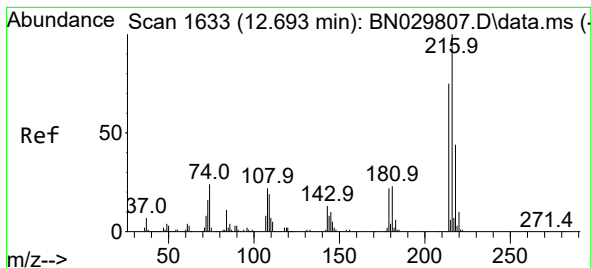
Quant Time: Feb 15 21:52:59 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN020724.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Feb 13 22:50:45 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| 84) 3,3'-Dichlorobenzidine    | 21.392 | 252  | 458989   | 14122.155 | ng/ul | 95       |
| 85) Benzo(a)anthracene        | 21.451 | 228  | 1662189  | 13484.497 | ng/ul | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.398 | 149  | 1318587  | 16163.448 | ng/ul | 99       |
| 87) Chrysene                  | 21.504 | 228  | 1521774  | 13173.173 | ng/ul | 98       |
| 89) Di-n-octyl phthalate      | 22.328 | 149  | 2331523  | 57621.566 | ng/ul | 100      |
| 90) Benzo(b)fluoranthene      | 23.122 | 252  | 1655137  | 50339.644 | ng/ul | 97       |
| 91) Benzo(k)fluoranthene      | 23.169 | 252  | 1541585  | 45807.883 | ng/ul | 97       |
| 93) Benzo(a)pyrene            | 23.739 | 252  | 1542037  | 48905.186 | ng/ul | 94       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.292 | 276  | 1797236  | 46807.899 | ng/ul | 97       |
| 95) Dibenzo(a,h)anthracene    | 26.321 | 278  | 1477174  | 47124.416 | ng/ul | 95       |
| 96) Benzo(g,h,i)perylene      | 27.039 | 276  | 1469150  | 45748.144 | ng/ul | 93       |
| -----                         |        |      |          |           |       |          |

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

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QLast Update : Tue Feb 13 22:50:45 2024  
Response via : Initial Calibration





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41409.903 ng/ul

RT: 12.699 min Scan# 1634

Delta R.T. 0.000 min

Lab File: BN029817.D

Acq: 15 Feb 2024 20:51

Instrument :

BNA\_N

ClientSampleId :

Tgt Ion:216 Resp: 344914

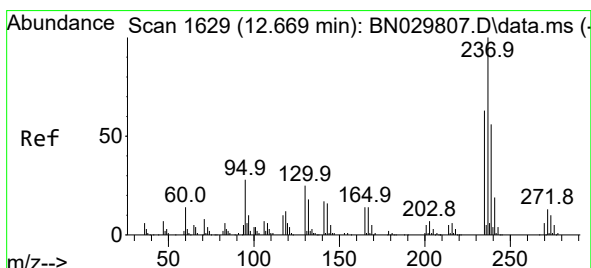
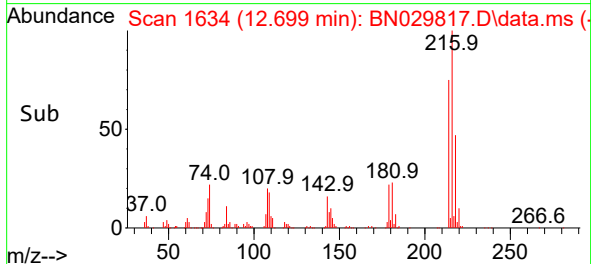
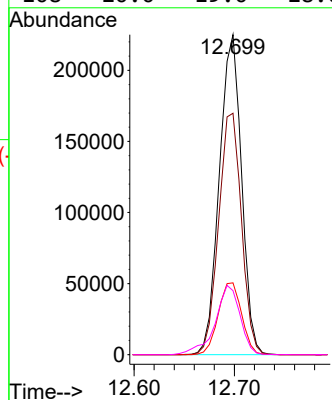
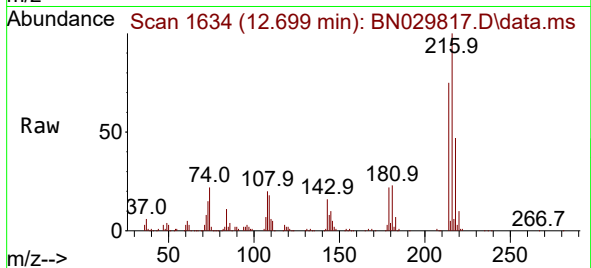
Ion Ratio Lower Upper

216 100

214 75.5 60.4 90.6

179 22.4 18.6 28.0

108 20.0 19.0 28.6



#40

Hexachlorocyclopentadiene

Concen: 32841.616 ng/ul

RT: 12.669 min Scan# 1629

Delta R.T. 0.000 min

Lab File: BN029817.D

Acq: 15 Feb 2024 20:51

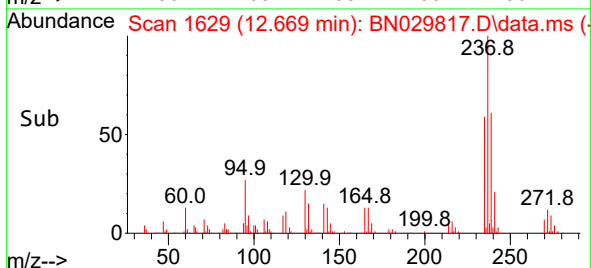
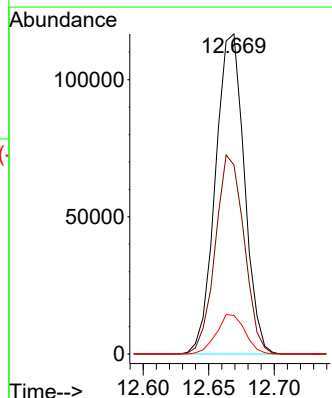
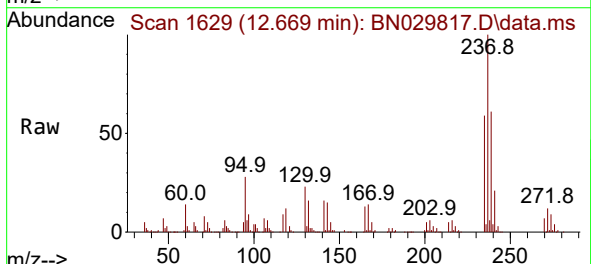
Tgt Ion:237 Resp: 178803

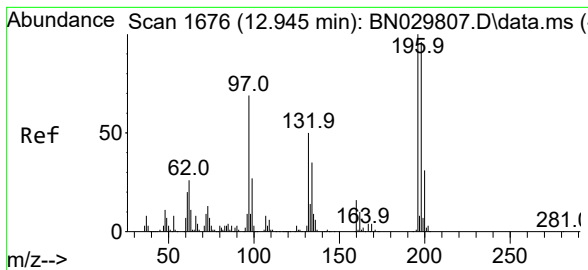
Ion Ratio Lower Upper

237 100

235 59.0 50.2 75.4

272 12.1 9.5 14.3

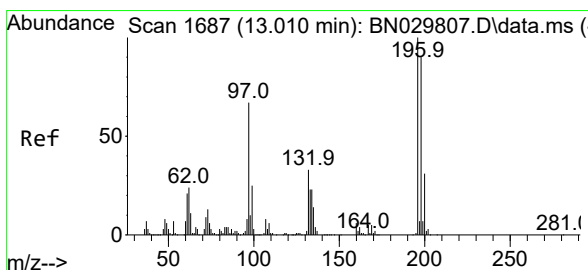
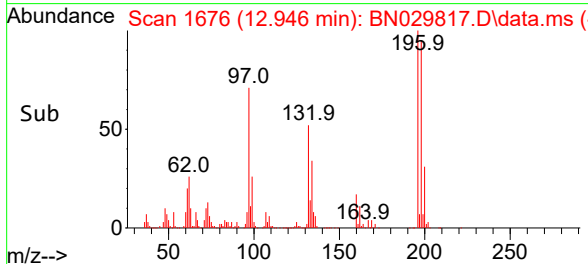
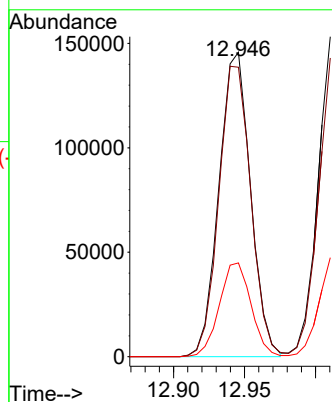
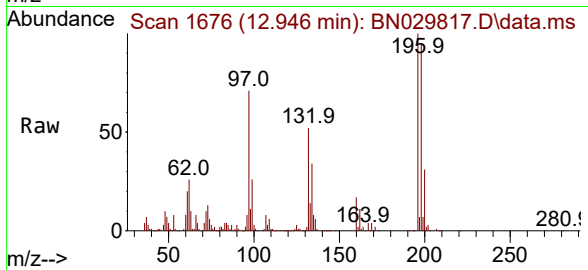




#41  
2,4,6-Trichlorophenol  
Concen: 46900.404 ng/ul  
RT: 12.946 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: BN029817.D  
Acq: 15 Feb 2024 20:51

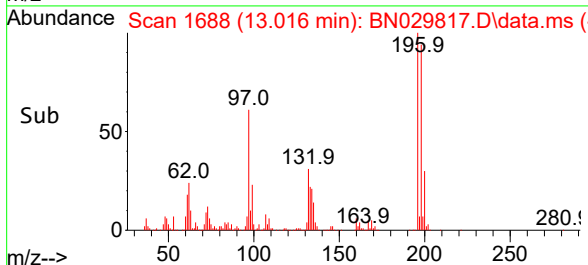
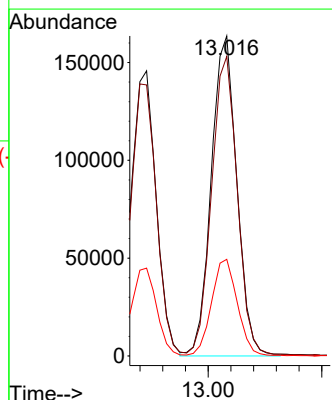
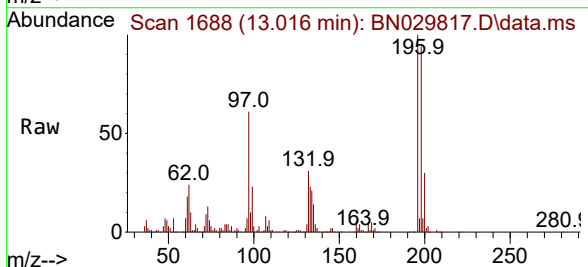
Instrument :  
BNA\_N  
ClientSampleId :

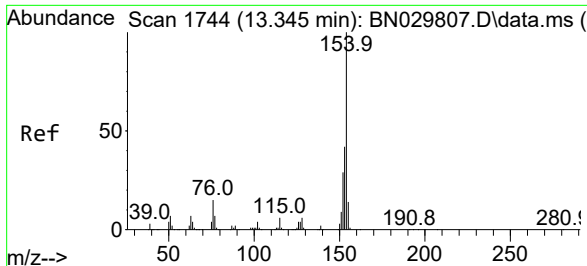
Tgt Ion:196 Resp: 225163  
Ion Ratio Lower Upper  
196 100  
198 95.0 76.8 115.2  
200 30.8 24.6 37.0



#42  
2,4,5-Trichlorophenol  
Concen: 47522.659 ng/ul  
RT: 13.016 min Scan# 1688  
Delta R.T. 0.000 min  
Lab File: BN029817.D  
Acq: 15 Feb 2024 20:51

Tgt Ion:196 Resp: 256358  
Ion Ratio Lower Upper  
196 100  
198 93.6 75.3 112.9  
200 30.2 24.7 37.1

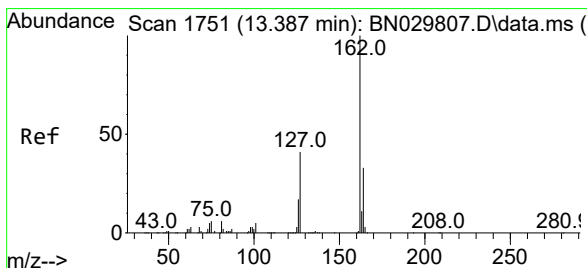
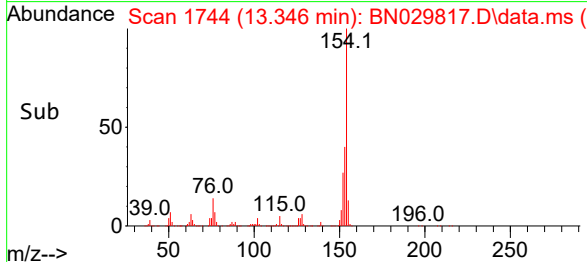
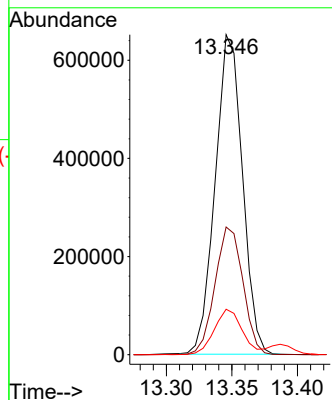
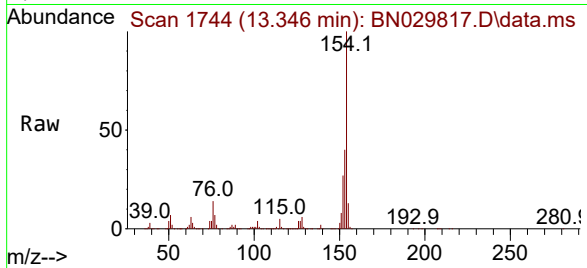




#43  
1,1'-Biphenyl  
Concen: 39678.523 ng/ul  
RT: 13.346 min Scan# 1744  
Delta R.T. -0.006 min  
Lab File: BN029817.D  
Acq: 15 Feb 2024 20:51

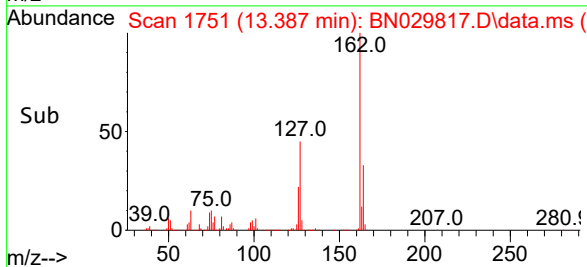
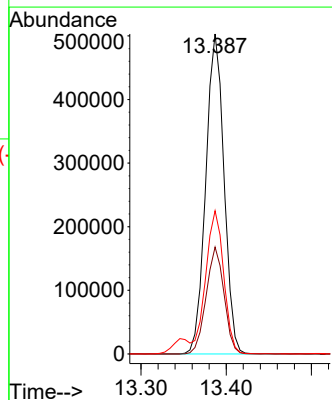
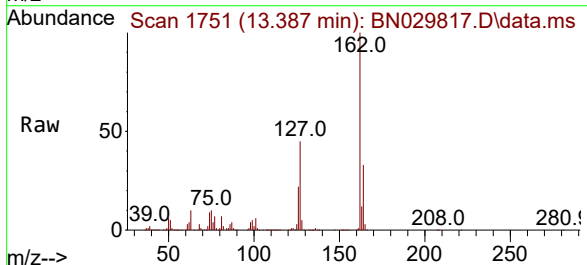
Instrument :  
BNA\_N  
ClientSampleId :

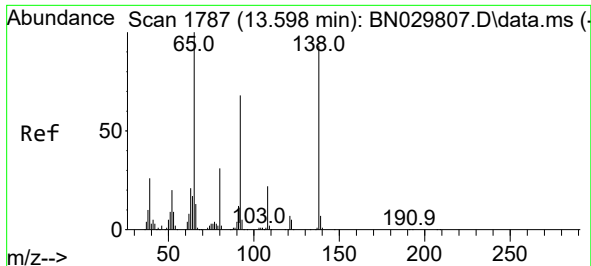
Tgt Ion:154 Resp: 940307  
Ion Ratio Lower Upper  
154 100  
153 39.9 32.8 49.2  
76 14.2 12.9 19.3



#44  
2-Chloronaphthalene  
Concen: 40611.114 ng/ul  
RT: 13.387 min Scan# 1751  
Delta R.T. 0.000 min  
Lab File: BN029817.D  
Acq: 15 Feb 2024 20:51

Tgt Ion:162 Resp: 747974  
Ion Ratio Lower Upper  
162 100  
164 33.4 25.5 38.3  
127 44.7 35.7 53.5

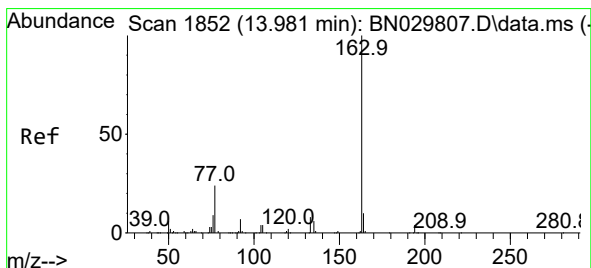
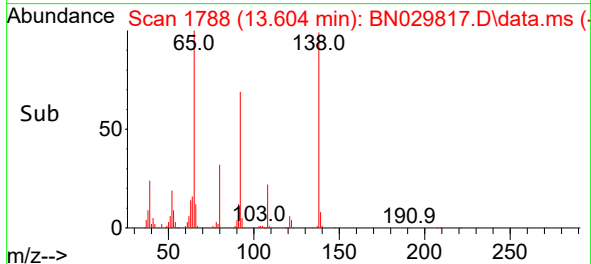
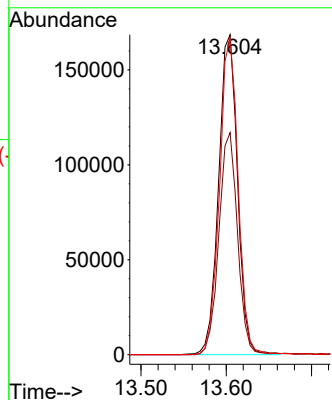
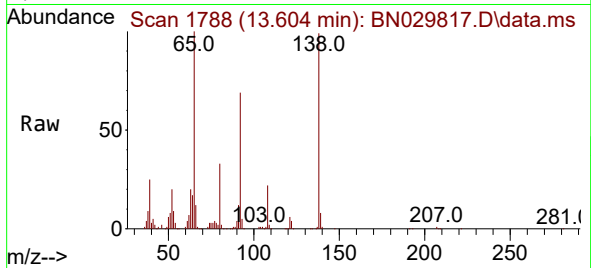




#45  
2-Nitroaniline  
Concen: 48031.255 ng/ul  
RT: 13.604 min Scan# 1788  
Delta R.T. 0.000 min  
Lab File: BN029817.D  
Acq: 15 Feb 2024 20:51

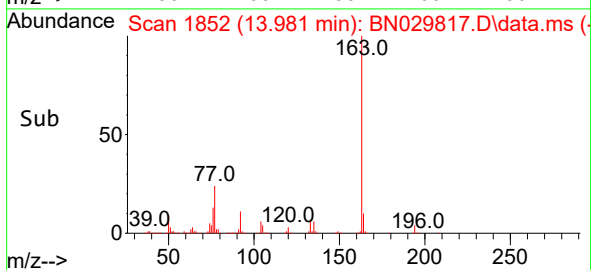
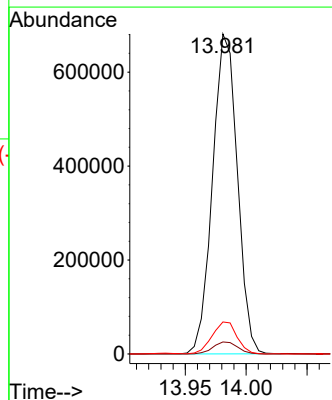
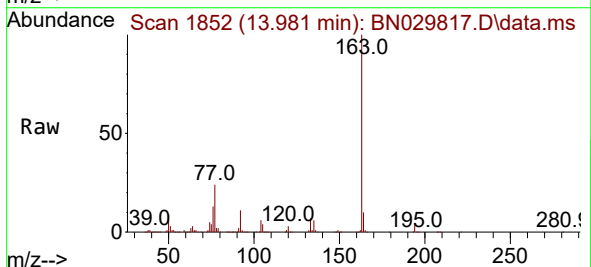
Instrument :  
BNA\_N  
ClientSampleId :

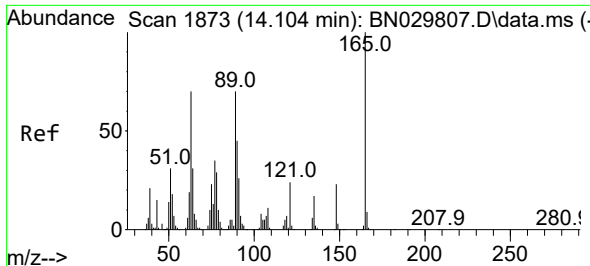
Tgt Ion: 65 Resp: 260084  
Ion Ratio Lower Upper  
65 100  
92 69.4 54.3 81.5  
138 99.0 71.2 106.8



#47  
Dimethylphthalate  
Concen: 45015.883 ng/ul  
RT: 13.981 min Scan# 1852  
Delta R.T. -0.006 min  
Lab File: BN029817.D  
Acq: 15 Feb 2024 20:51

Tgt Ion: 163 Resp: 964032  
Ion Ratio Lower Upper  
163 100  
194 3.7 2.7 4.1  
164 10.0 8.2 12.2

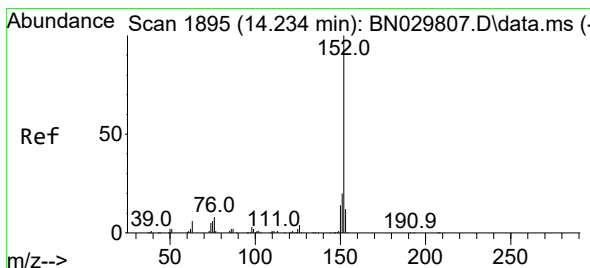
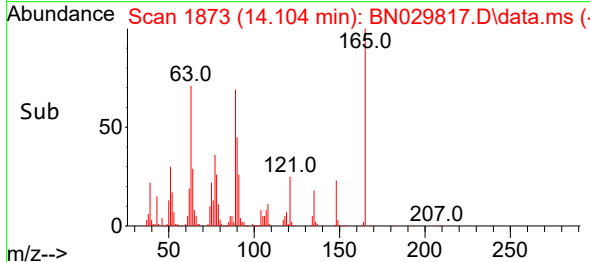
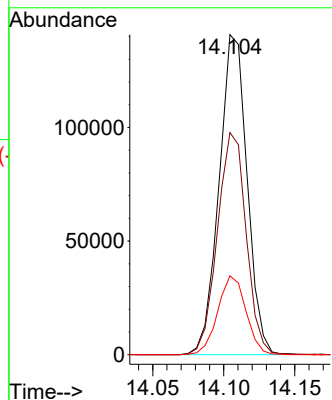
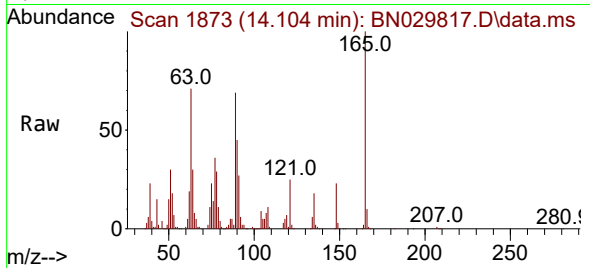




#48  
2,6-Dinitrotoluene  
Concen: 50486.572 ng/ul  
RT: 14.104 min Scan# 1873  
Delta R.T. -0.006 min  
Lab File: BN029817.D  
Acq: 15 Feb 2024 20:51

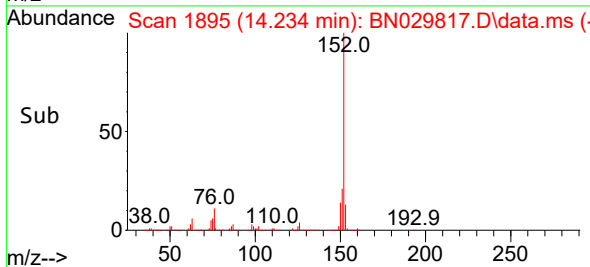
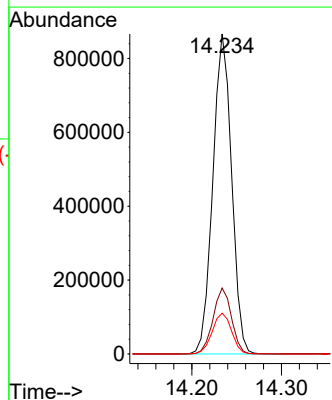
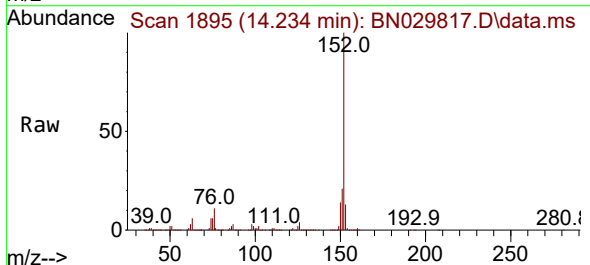
Instrument :  
BNA\_N  
ClientSampleId :

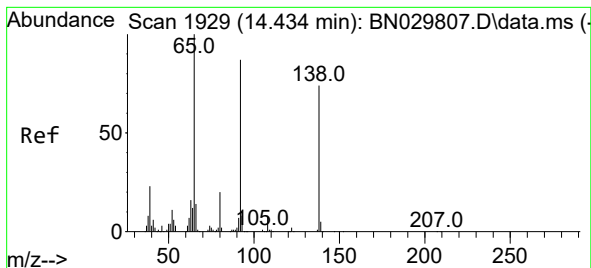
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Ion Ratio Lower Upper  
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89 69.4 55.8 83.8  
121 24.7 19.8 29.6



#50  
Acenaphthylene  
Concen: 42133.209 ng/ul  
RT: 14.234 min Scan# 1895  
Delta R.T. 0.000 min  
Lab File: BN029817.D  
Acq: 15 Feb 2024 20:51

Tgt Ion:152 Resp: 1256296  
Ion Ratio Lower Upper  
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151 20.6 15.4 23.2  
153 12.8 10.5 15.7

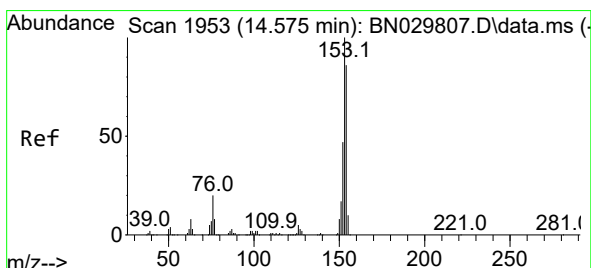
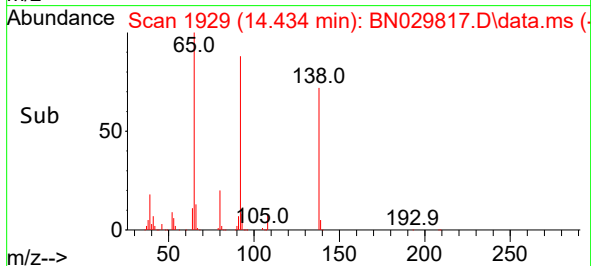
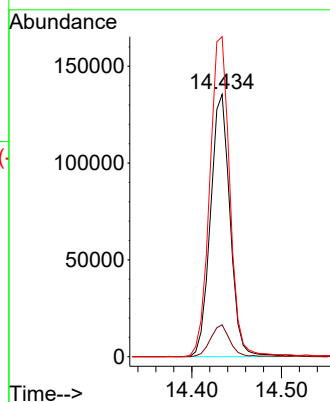
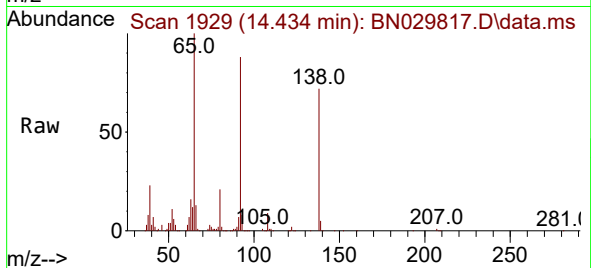




#51  
3-Nitroaniline  
Concen: 45856.358 ng/ul  
RT: 14.434 min Scan# 1929  
Delta R.T. 0.000 min  
Lab File: BN029817.D  
Acq: 15 Feb 2024 20:51

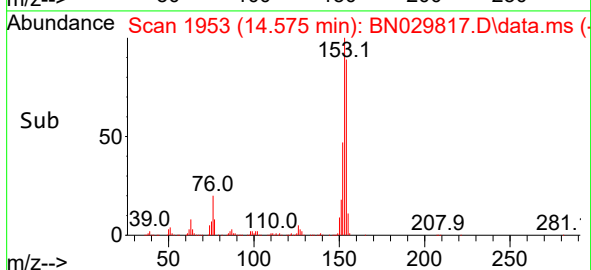
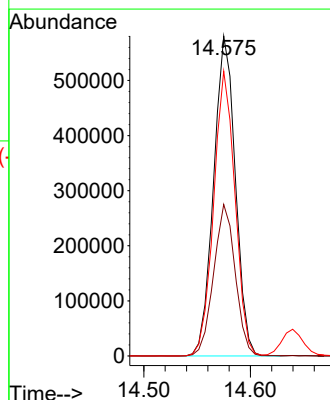
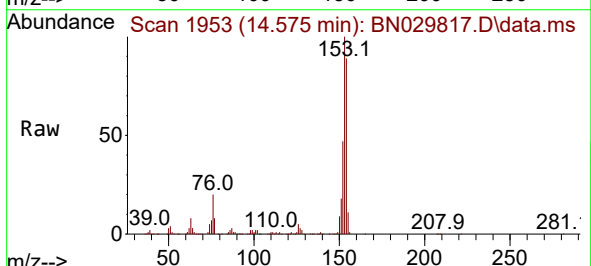
Instrument :  
BNA\_N  
ClientSampleId :

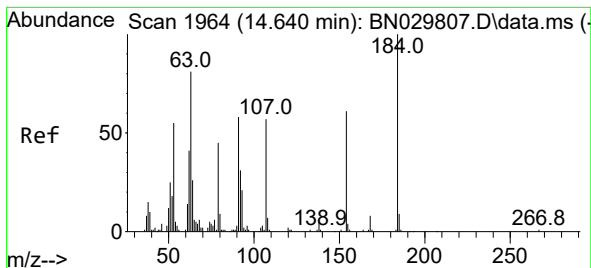
Tgt Ion:138 Resp: 204518  
Ion Ratio Lower Upper  
138 100  
108 12.2 9.4 14.2  
92 122.0 102.7 154.1



#52  
Acenaphthene  
Concen: 41885.682 ng/ul  
RT: 14.575 min Scan# 1953  
Delta R.T. 0.000 min  
Lab File: BN029817.D  
Acq: 15 Feb 2024 20:51

Tgt Ion:153 Resp: 825007  
Ion Ratio Lower Upper  
153 100  
152 47.4 39.2 58.8  
154 89.0 74.6 111.8

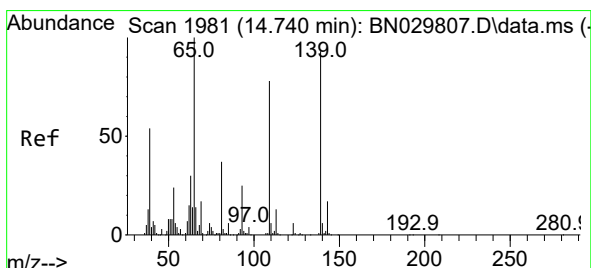
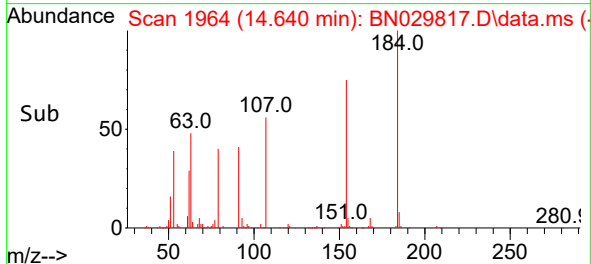
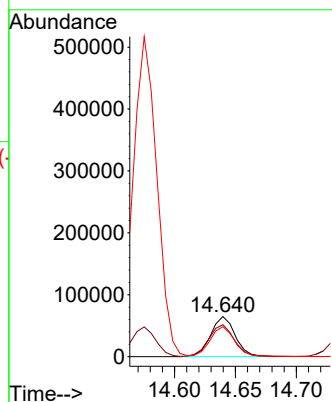
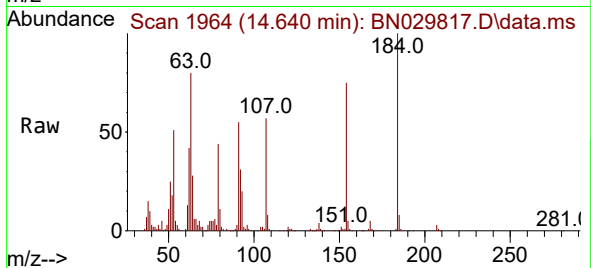




#53  
2,4-Dinitrophenol  
Concen: 46824.621 ng/ul  
RT: 14.640 min Scan# 1964  
Delta R.T. 0.000 min  
Lab File: BN029817.D  
Acq: 15 Feb 2024 20:51

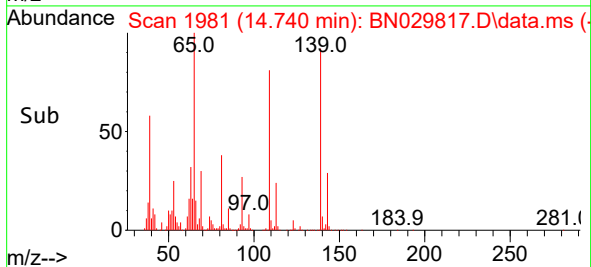
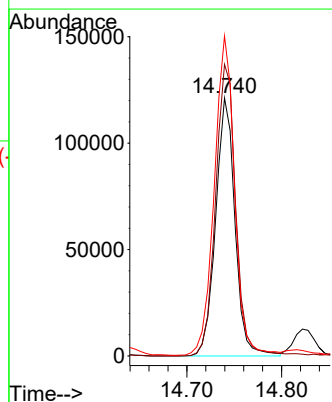
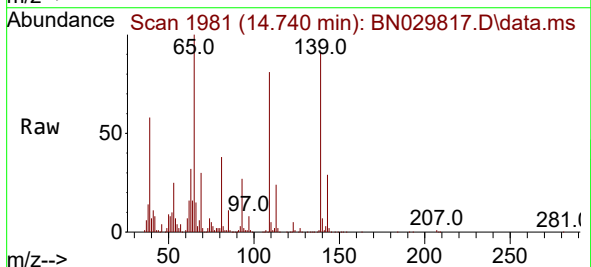
Instrument :  
BNA\_N  
ClientSampleId :

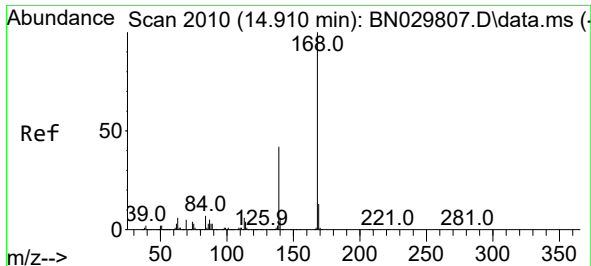
Tgt Ion:184 Resp: 91061  
Ion Ratio Lower Upper  
184 100  
63 79.7 71.2 106.8  
154 74.8 58.8 88.2



#55  
4-Nitrophenol  
Concen: 47505.484 ng/ul  
RT: 14.740 min Scan# 1981  
Delta R.T. 0.006 min  
Lab File: BN029817.D  
Acq: 15 Feb 2024 20:51

Tgt Ion:109 Resp: 172483  
Ion Ratio Lower Upper  
109 100  
139 113.1 94.6 142.0  
65 124.1 108.5 162.7

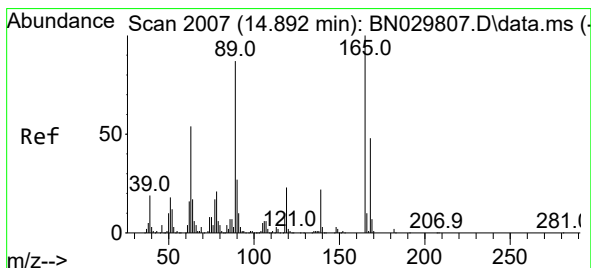
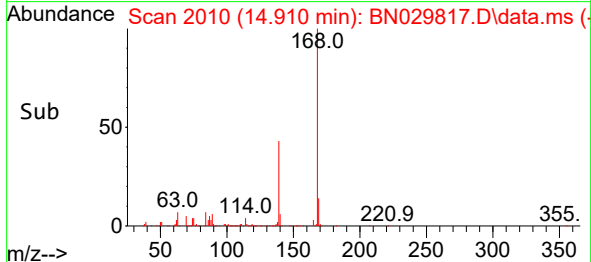
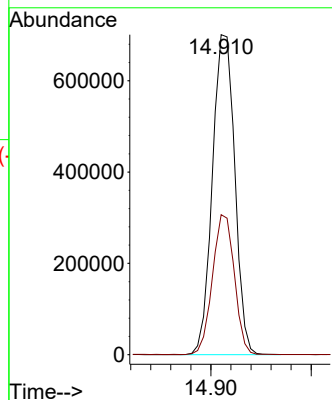
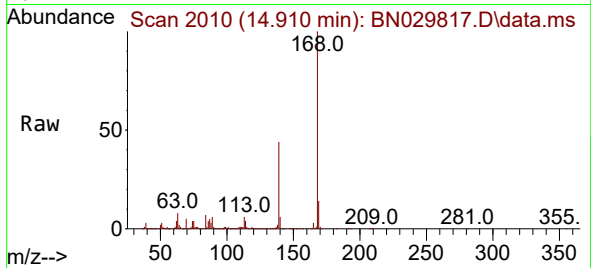




#56  
Dibenzofuran  
Concen: 41824.356 ng/ul  
RT: 14.910 min Scan# 2010  
Delta R.T. -0.006 min  
Lab File: BN029817.D  
Acq: 15 Feb 2024 20:51

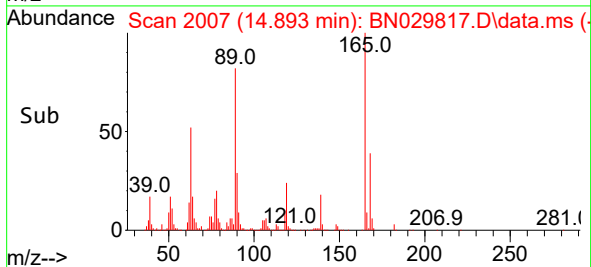
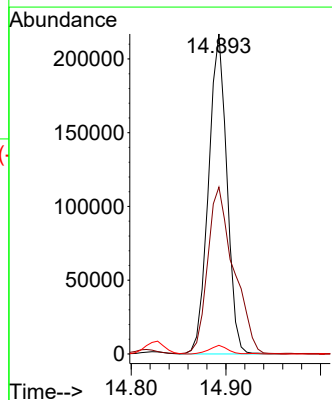
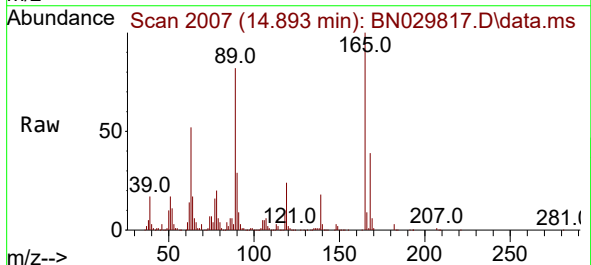
Instrument :  
BNA\_N  
ClientSampleId :

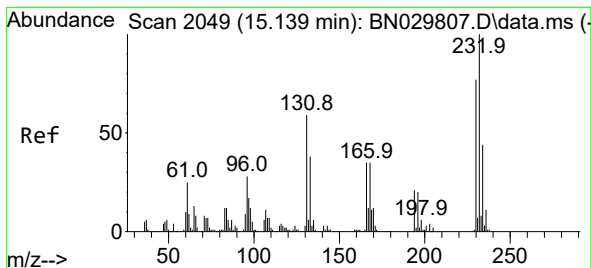
Tgt Ion:168 Resp: 1087832  
Ion Ratio Lower Upper  
168 100  
139 43.8 32.8 49.2



#57  
2,4-Dinitrotoluene  
Concen: 53997.796 ng/ul  
RT: 14.893 min Scan# 2007  
Delta R.T. 0.006 min  
Lab File: BN029817.D  
Acq: 15 Feb 2024 20:51

Tgt Ion:165 Resp: 291329  
Ion Ratio Lower Upper  
165 100  
63 52.2 46.7 70.1  
182 2.7 1.9 2.9

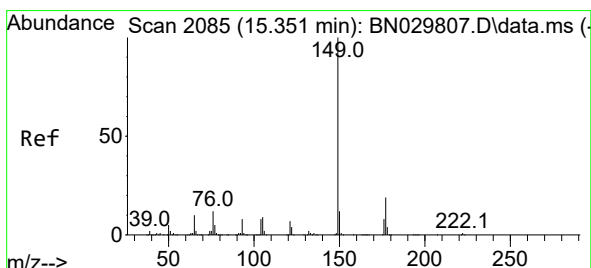
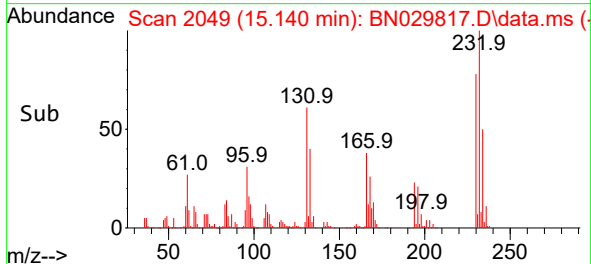
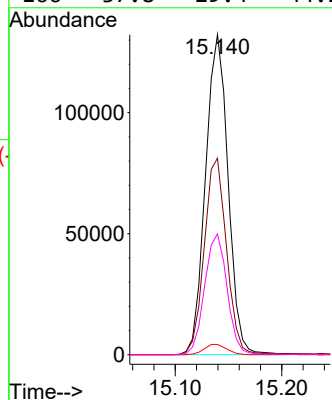
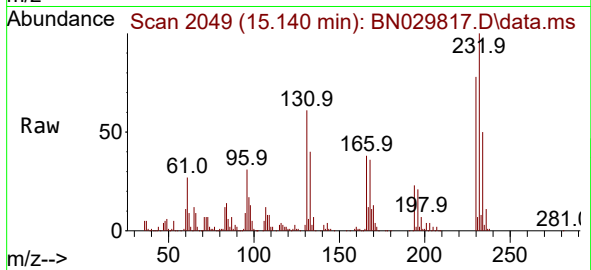




#58  
2,3,4,6-Tetrachlorophenol  
Concen: 50882.017 ng/ul  
RT: 15.140 min Scan# 2049  
Delta R.T. 0.000 min  
Lab File: BN029817.D  
Acq: 15 Feb 2024 20:51

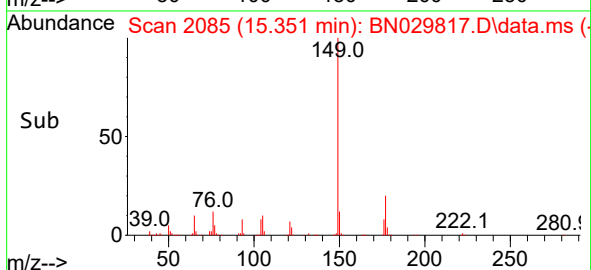
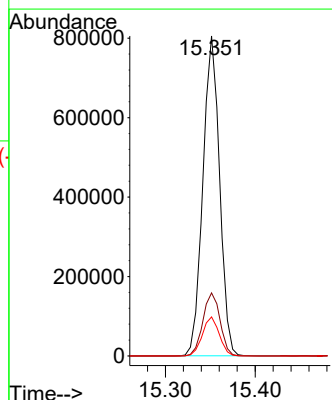
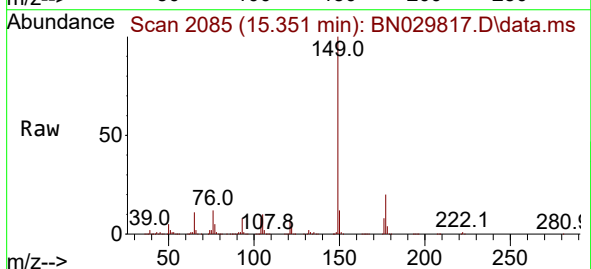
Instrument :  
BNA\_N  
ClientSampleId :

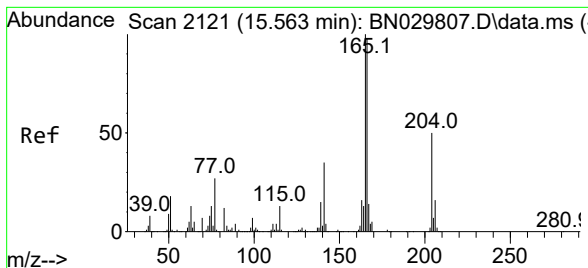
Tgt Ion:232 Resp: 194803  
Ion Ratio Lower Upper  
232 100  
131 61.4 46.9 70.3  
130 3.2 2.6 4.0  
166 37.8 29.4 44.2



#59  
Diethylphthalate  
Concen: 47266.346 ng/ul  
RT: 15.351 min Scan# 2085  
Delta R.T. 0.000 min  
Lab File: BN029817.D  
Acq: 15 Feb 2024 20:51

Tgt Ion:149 Resp: 1039769  
Ion Ratio Lower Upper  
149 100  
177 19.7 15.8 23.6  
150 12.2 9.6 14.4

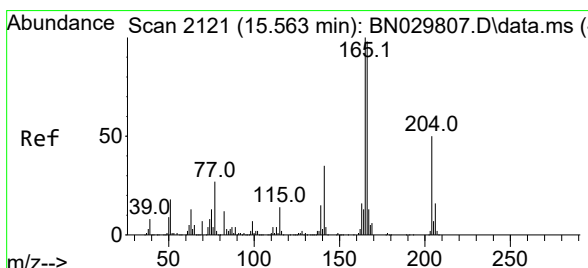
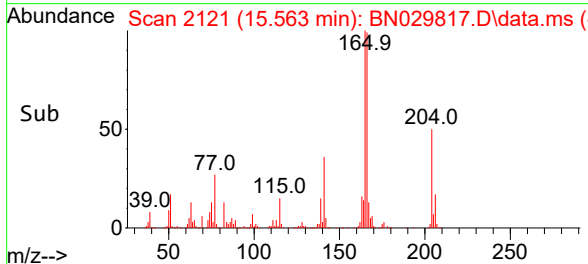
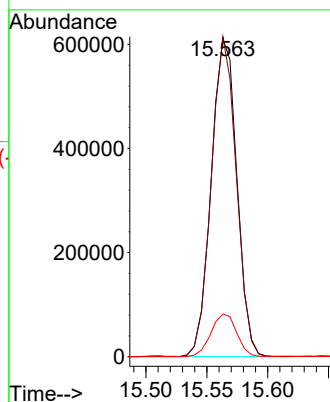
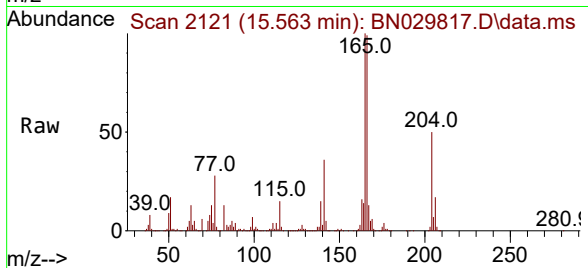




#61  
Fluorene  
Concen: 43433.597 ng/ul  
RT: 15.563 min Scan# 2121  
Delta R.T. -0.006 min  
Lab File: BN029817.D  
Acq: 15 Feb 2024 20:51

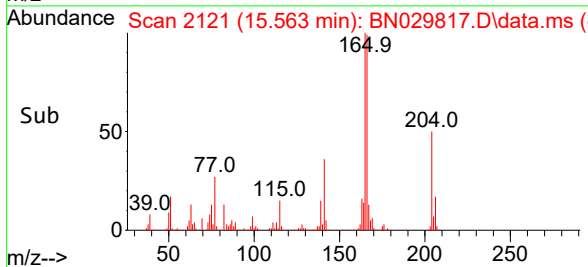
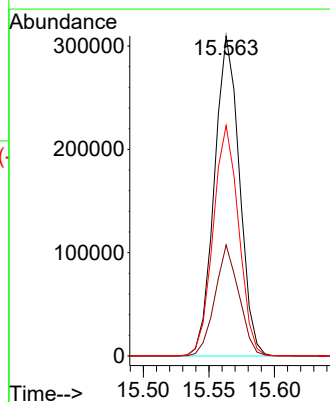
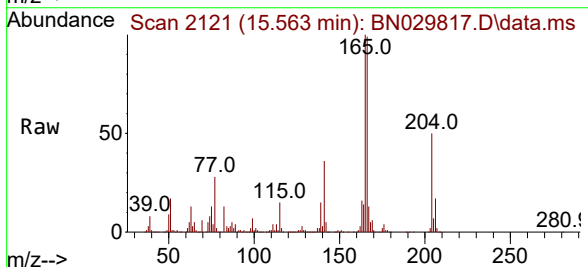
Instrument :  
BNA\_N  
ClientSampleId :

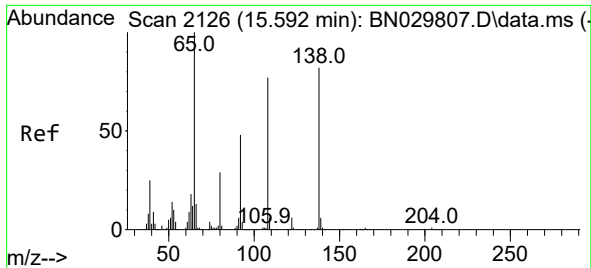
Tgt Ion:166 Resp: 892954  
Ion Ratio Lower Upper  
166 100  
165 100.6 77.4 116.0  
167 13.4 10.9 16.3



#62  
4-Chlorophenyl-phenylether  
Concen: 44695.847 ng/ul  
RT: 15.563 min Scan# 2121  
Delta R.T. -0.006 min  
Lab File: BN029817.D  
Acq: 15 Feb 2024 20:51

Tgt Ion:204 Resp: 410997  
Ion Ratio Lower Upper  
204 100  
206 34.7 27.5 41.3  
141 72.0 60.5 90.7

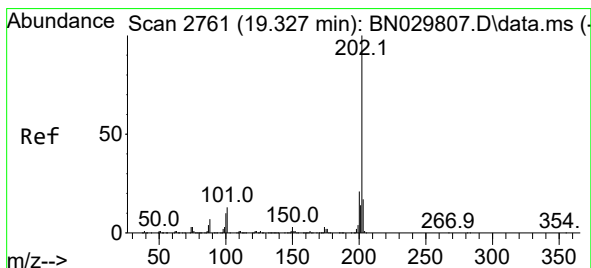
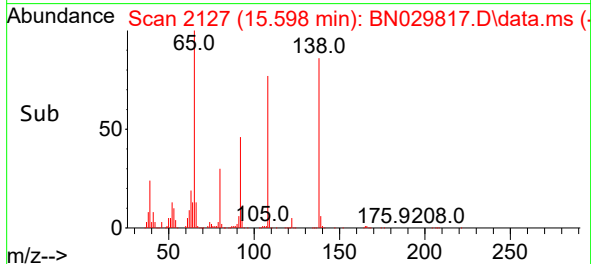
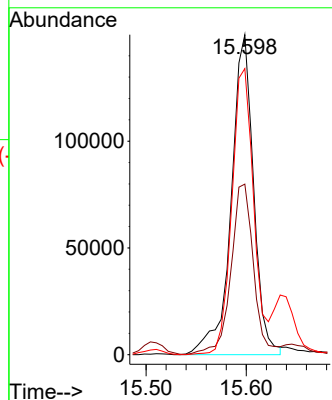
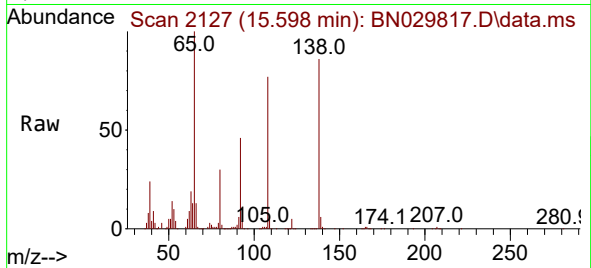




#63  
4-Nitroaniline  
Concen: 57900.876 ng/ul  
RT: 15.598 min Scan# 2126  
Delta R.T. 0.006 min  
Lab File: BN029817.D  
Acq: 15 Feb 2024 20:51

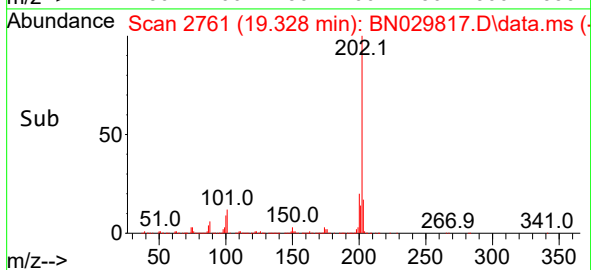
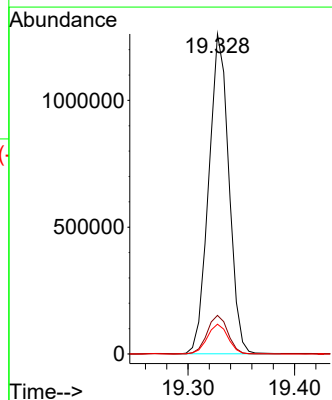
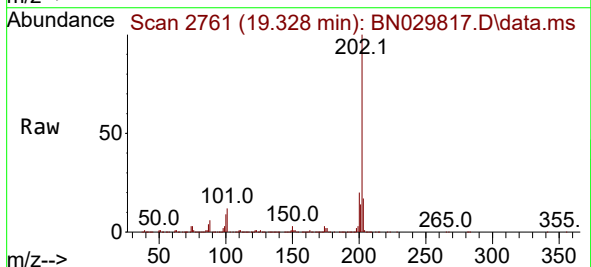
Instrument :  
BNA\_N  
ClientSampleId :

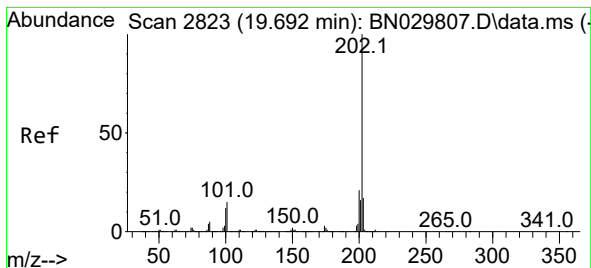
Tgt Ion:138 Resp: 233072  
Ion Ratio Lower Upper  
138 100  
92 53.3 47.4 71.2  
108 89.4 70.9 106.3



#80  
Fluoranthene  
Concen: 13557.940 ng/ul  
RT: 19.328 min Scan# 2761  
Delta R.T. 0.000 min  
Lab File: BN029817.D  
Acq: 15 Feb 2024 20:51

Tgt Ion:202 Resp: 1658442  
Ion Ratio Lower Upper  
202 100  
101 12.1 11.1 16.7  
100 9.3 8.9 13.3





#82

Pyrene

Concen: 13038.916 ng/ul

RT: 19.692 min Scan# 2823

Delta R.T. 0.000 min

Lab File: BN029817.D

Acq: 15 Feb 2024 20:51

Instrument :

BNA\_N

ClientSampleId :

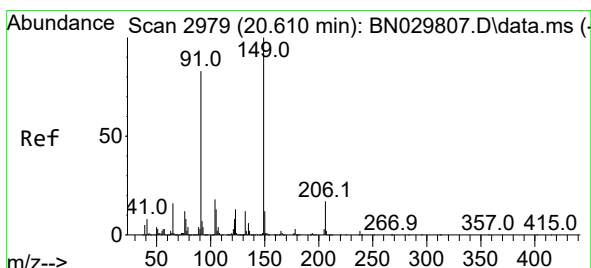
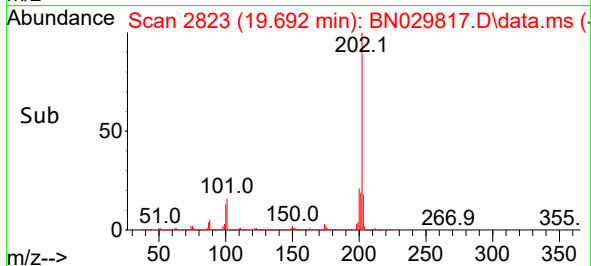
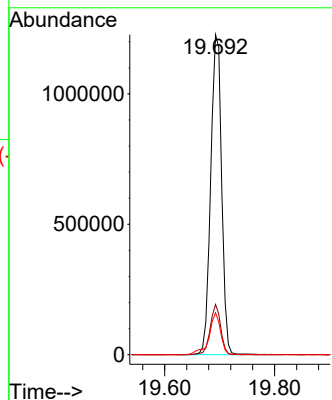
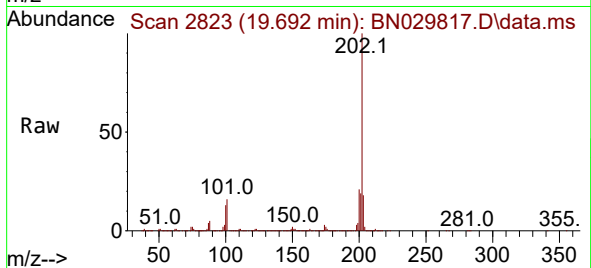
Tgt Ion:202 Resp: 1687307

Ion Ratio Lower Upper

202 100

101 15.7 14.2 21.4

100 13.1 11.4 17.2



#83

Butylbenzylphthalate

Concen: 16801.939 ng/ul

RT: 20.616 min Scan# 2980

Delta R.T. 0.000 min

Lab File: BN029817.D

Acq: 15 Feb 2024 20:51

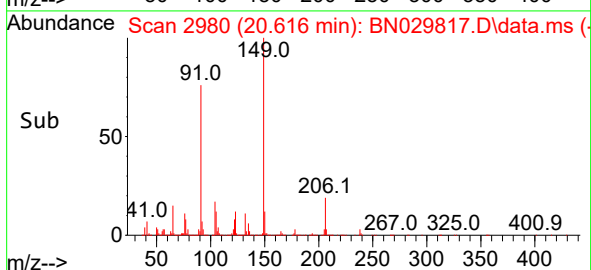
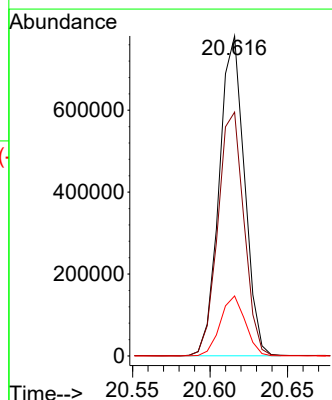
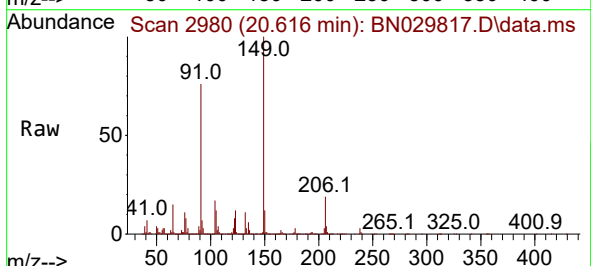
Tgt Ion:149 Resp: 886117

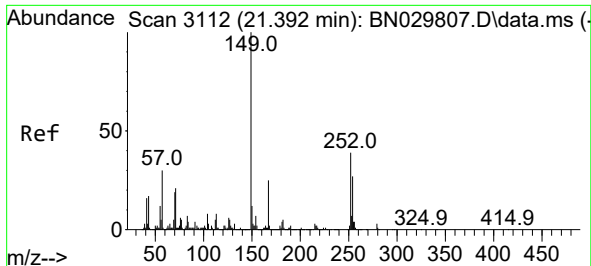
Ion Ratio Lower Upper

149 100

91 76.2 70.0 105.0

206 18.7 14.1 21.1

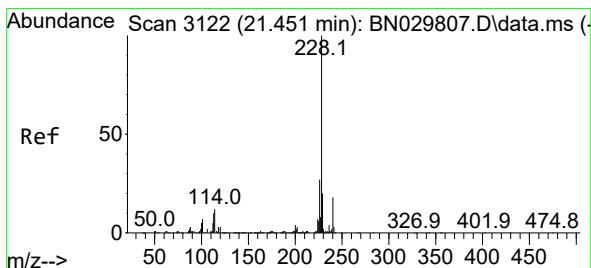
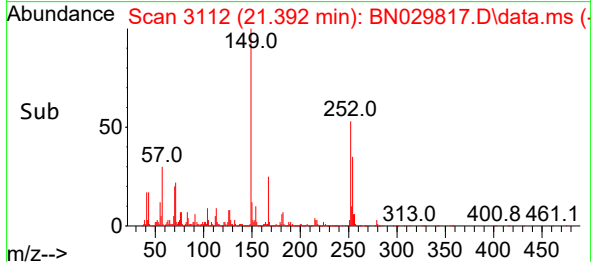
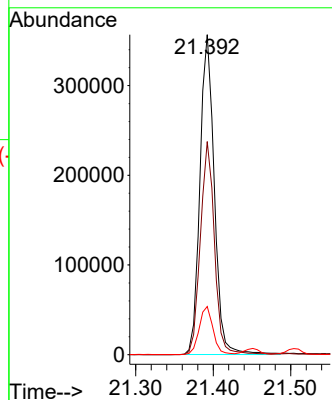
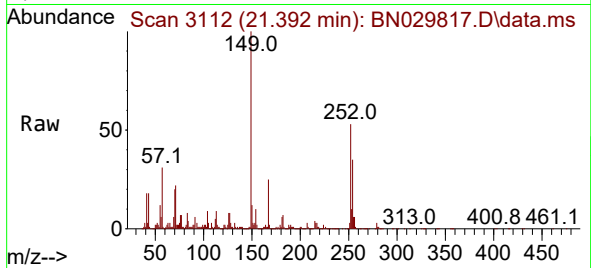




#84  
3,3'-Dichlorobenzidine  
Concen: 14122.155 ng/ul  
RT: 21.392 min Scan# 3112  
Delta R.T. 0.000 min  
Lab File: BN029817.D  
Acq: 15 Feb 2024 20:51

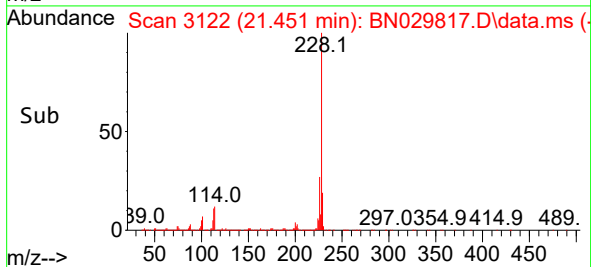
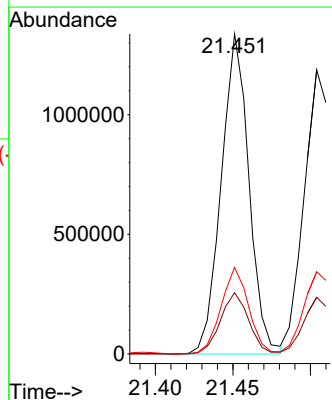
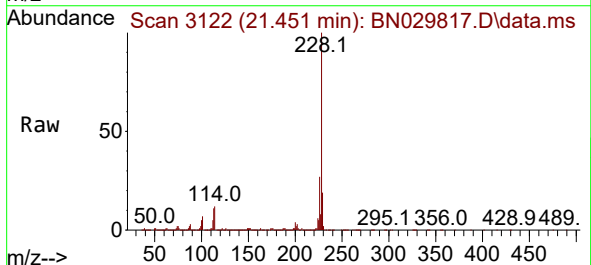
Instrument :  
BNA\_N  
ClientSampleId :

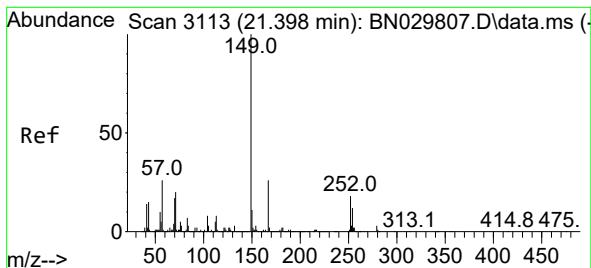
Tgt Ion:252 Resp: 458989  
Ion Ratio Lower Upper  
252 100  
254 66.6 49.8 74.6  
126 15.1 12.2 18.4



#85  
Benzo(a)anthracene  
Concen: 13484.497 ng/ul  
RT: 21.451 min Scan# 3122  
Delta R.T. 0.000 min  
Lab File: BN029817.D  
Acq: 15 Feb 2024 20:51

Tgt Ion:228 Resp: 1662189  
Ion Ratio Lower Upper  
228 100  
229 19.1 15.0 22.6  
226 27.1 21.0 31.6

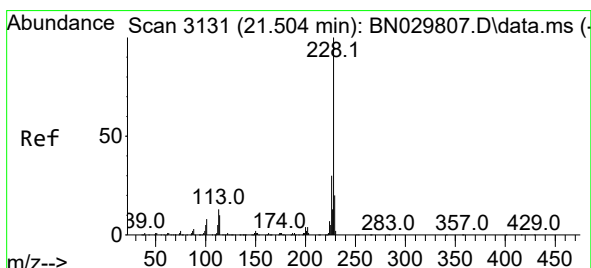
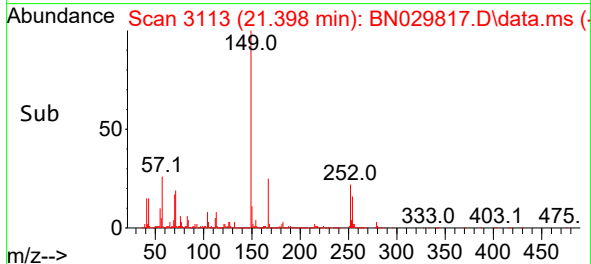
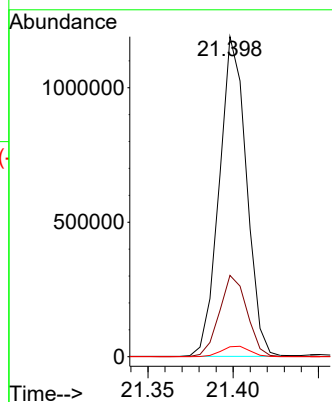
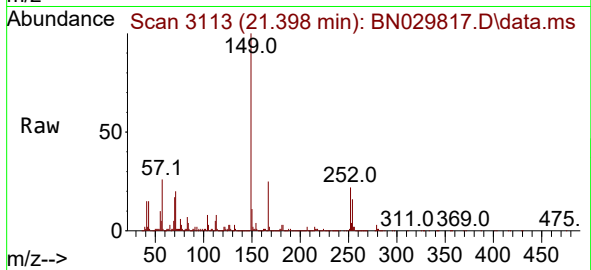




#86  
 Bis(2-ethylhexyl)phthalate  
 Concen: 16163.448 ng/ul  
 RT: 21.398 min Scan# 3113  
 Delta R.T. 0.000 min  
 Lab File: BN029817.D  
 Acq: 15 Feb 2024 20:51

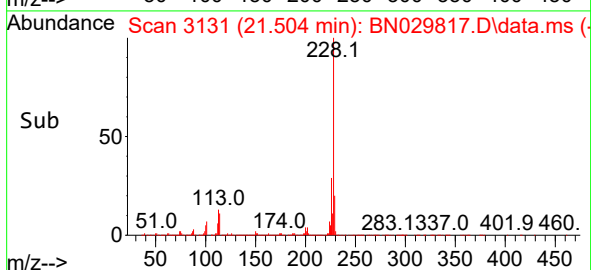
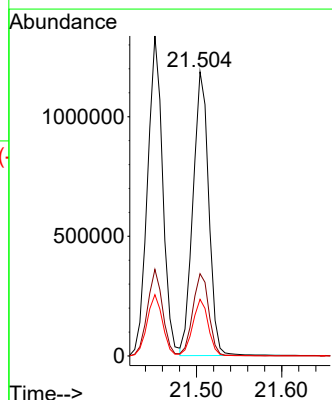
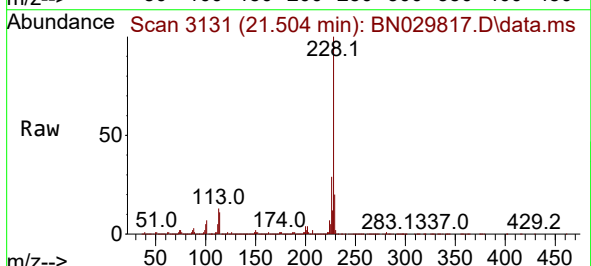
Instrument :  
 BNA\_N  
 ClientSampleId :

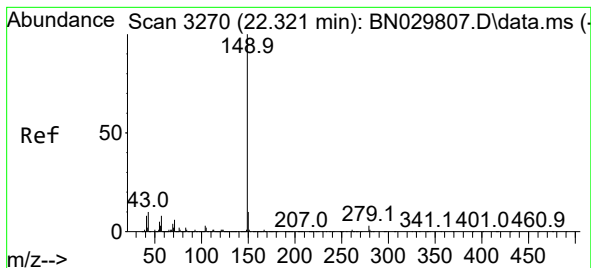
Tgt Ion:149 Resp: 1318587  
 Ion Ratio Lower Upper  
 149 100  
 167 25.4 20.6 30.8  
 279 3.1 2.7 4.1



#87  
 Chrysene  
 Concen: 13173.173 ng/ul  
 RT: 21.504 min Scan# 3131  
 Delta R.T. 0.000 min  
 Lab File: BN029817.D  
 Acq: 15 Feb 2024 20:51

Tgt Ion:228 Resp: 1521774  
 Ion Ratio Lower Upper  
 228 100  
 226 28.9 24.6 37.0  
 229 20.0 16.2 24.4





#89

Di-n-octyl phthalate

Concen: 57621.566 ng/ul

RT: 22.328 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN029817.D

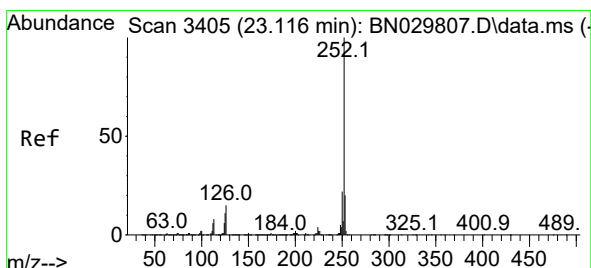
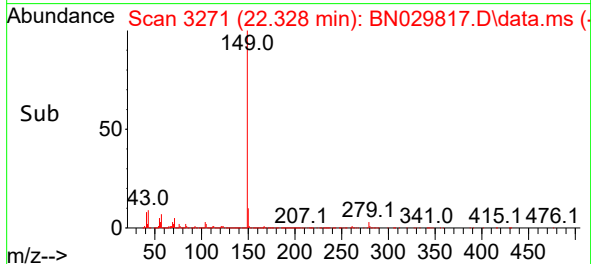
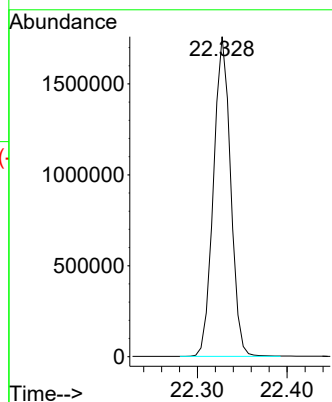
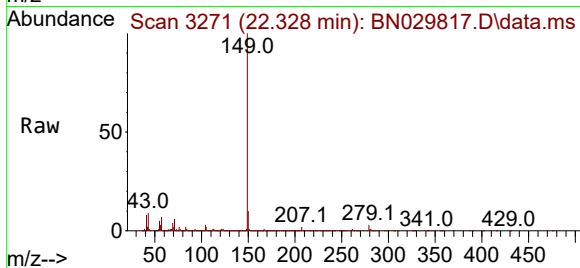
Acq: 15 Feb 2024 20:51

Instrument :

BNA\_N

ClientSampleId :

Tgt Ion:149 Resp: 2331523



#90

Benzo(b)fluoranthene

Concen: 50339.644 ng/ul

RT: 23.122 min Scan# 3406

Delta R.T. 0.006 min

Lab File: BN029817.D

Acq: 15 Feb 2024 20:51

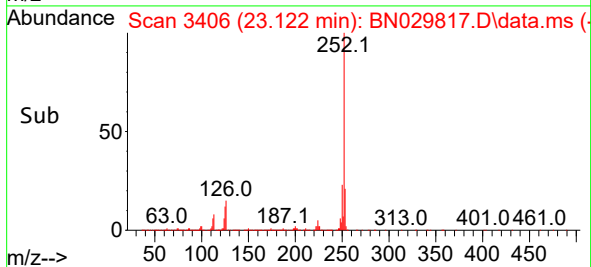
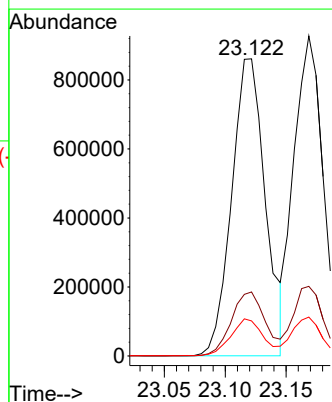
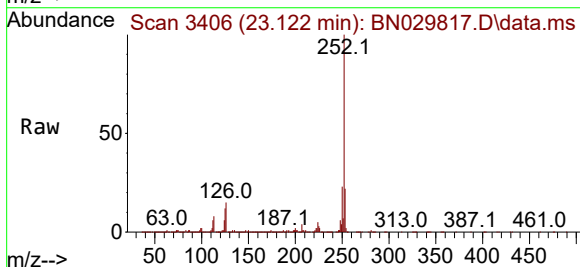
Tgt Ion:252 Resp: 1655137

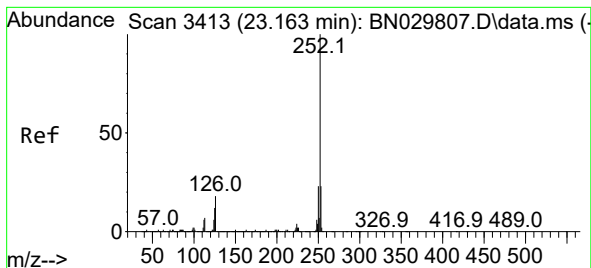
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 11.8 11.1 16.7





#91

Benzo(k)fluoranthene

Concen: 45807.883 ng/u1

RT: 23.169 min Scan# 3413

Delta R.T. 0.006 min

Lab File: BN029817.D

Acq: 15 Feb 2024 20:51

Instrument :

BNA\_N

ClientSampleId :

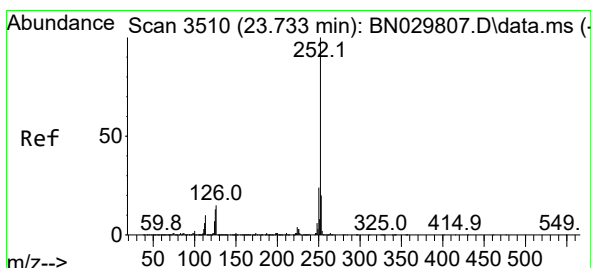
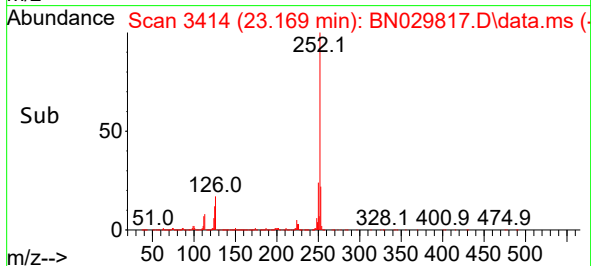
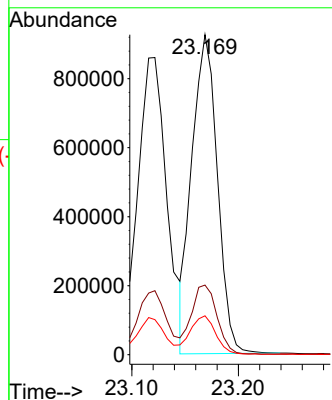
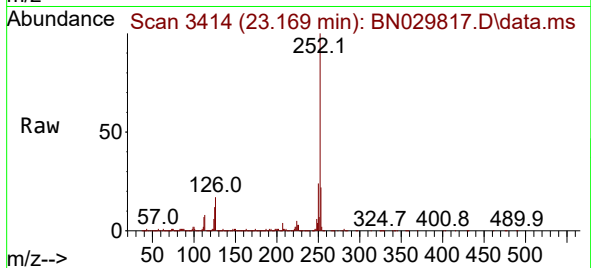
Tgt Ion:252 Resp: 1541585

Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.4

125 12.1 11.2 16.8



#93

Benzo(a)pyrene

Concen: 48905.186 ng/u1

RT: 23.739 min Scan# 3511

Delta R.T. 0.012 min

Lab File: BN029817.D

Acq: 15 Feb 2024 20:51

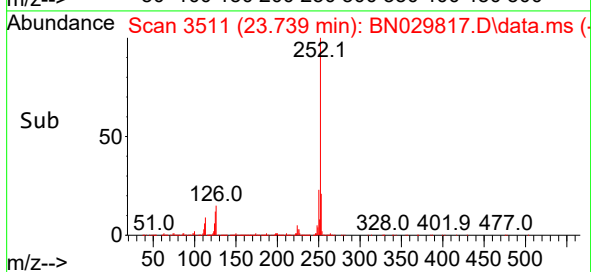
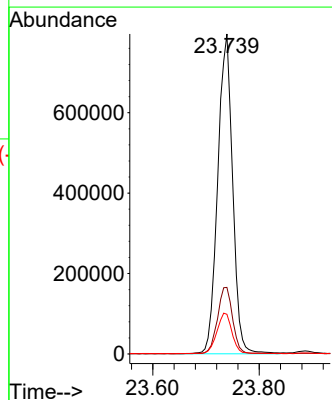
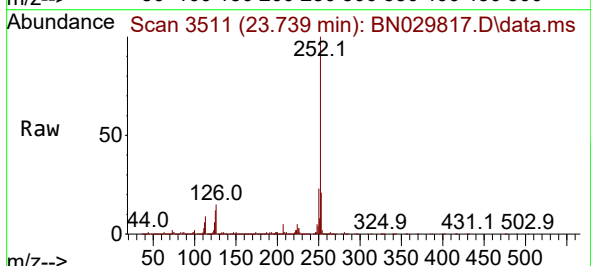
Tgt Ion:252 Resp: 1542037

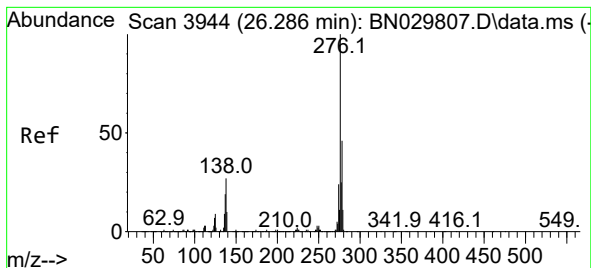
Ion Ratio Lower Upper

252 100

253 20.8 18.8 28.2

125 12.4 12.2 18.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 46807.899 ng/ul

RT: 26.292 min Scan# 3945

Delta R.T. 0.012 min

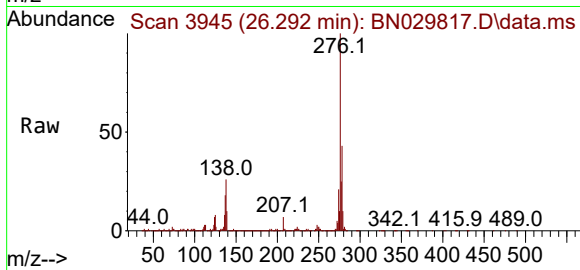
Lab File: BN029817.D

Acq: 15 Feb 2024 20:51

Instrument :

BNA\_N

ClientSampleId :



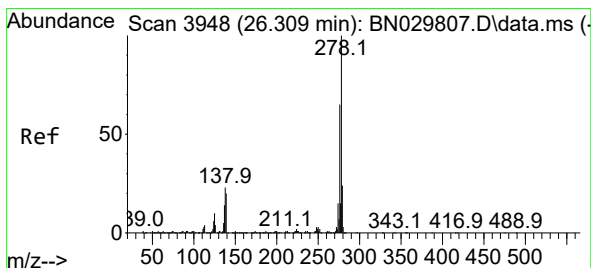
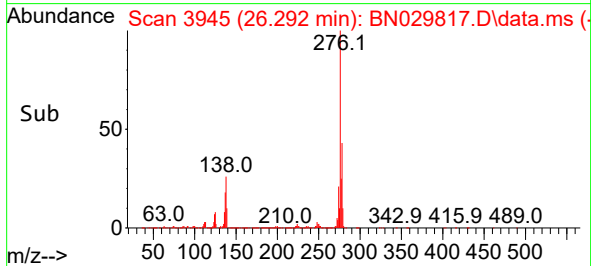
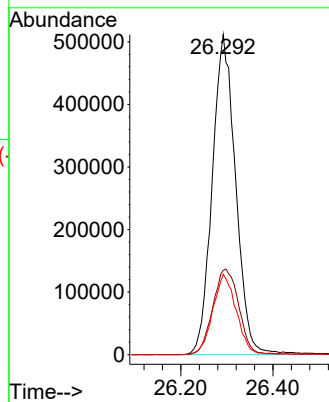
Tgt Ion:276 Resp: 1797236

Ion Ratio Lower Upper

276 100

138 26.3 21.7 32.5

277 25.1 17.8 26.8



#95

Dibenzo(a,h)anthracene

Concen: 47124.416 ng/ul

RT: 26.321 min Scan# 3950

Delta R.T. 0.006 min

Lab File: BN029817.D

Acq: 15 Feb 2024 20:51

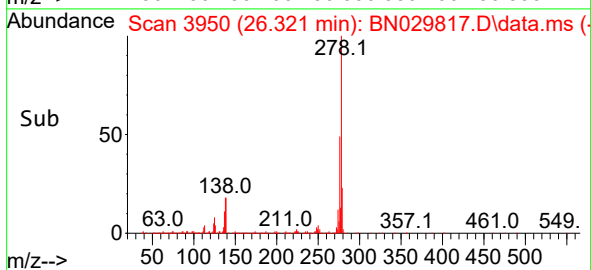
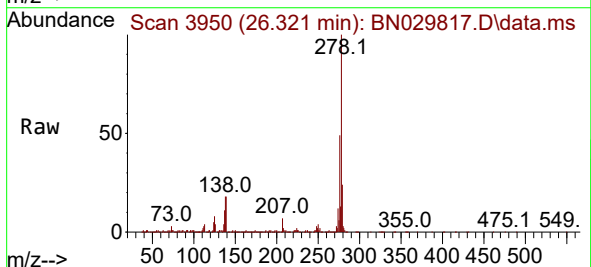
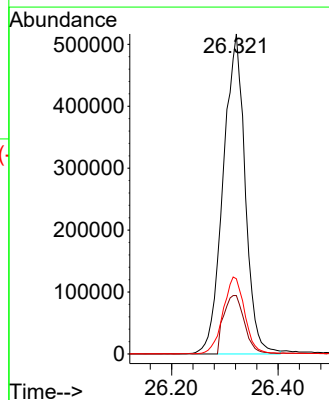
Tgt Ion:278 Resp: 1477174

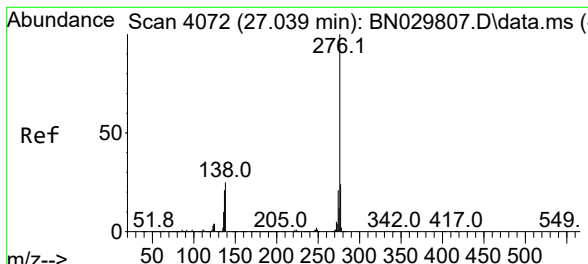
Ion Ratio Lower Upper

278 100

139 18.2 17.8 26.6

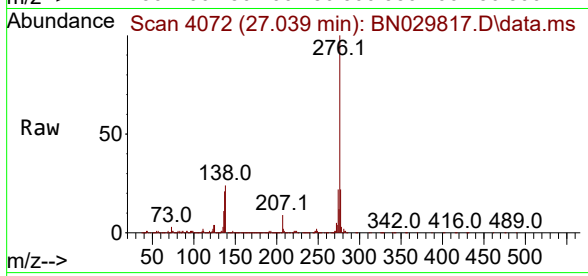
279 23.5 19.4 29.2





#96  
 Benzo(g,h,i)perylene  
 Concen: 45748.144 ng/ul  
 RT: 27.039 min Scan# 4072  
 Delta R.T. 0.006 min  
 Lab File: BN029817.D  
 Acq: 15 Feb 2024 20:51

Instrument :  
 BNA\_N  
 ClientSampleId :



Tgt Ion:276 Resp: 1469150

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 24.0  | 23.9  | 35.9  |
| 277 | 22.3  | 18.6  | 28.0  |

