

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN050825\  
 Data File : BN036975.D  
 Acq On : 08 May 2025 16:16  
 Operator : RC/JU  
 Sample : Q1939-04MS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 GB2BMS

Quant Time: May 08 16:43:34 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN042825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 28 15:35:03 2025  
 Response via : Initial Calibration

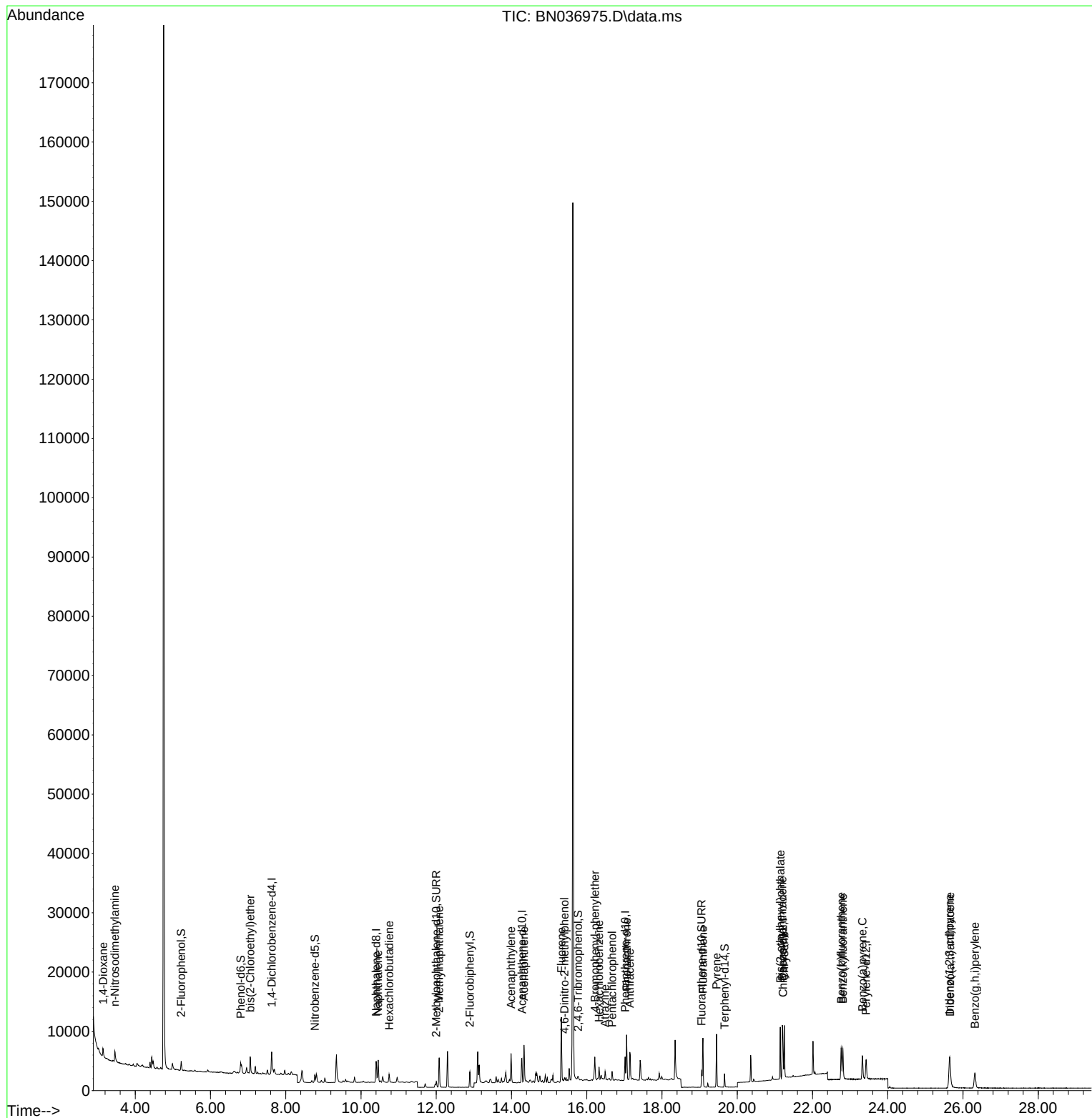
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.625  | 152  | 1704     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.404 | 136  | 4360     | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.277 | 164  | 2385     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.021 | 188  | 5063     | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.215 | 240  | 4471     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.424 | 264  | 4298     | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.220  | 112  | 1017     | 0.233 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.802  | 99   | 1298     | 0.242 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.771  | 82   | 1005     | 0.220 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.001 | 152  | 1345     | 0.221 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.767 | 330  | 238      | 0.224 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.893 | 172  | 2233     | 0.194 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.054 | 212  | 3006     | 0.229 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.663 | 244  | 2092     | 0.198 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.148  | 88   | 719      | 0.339 | ng    | # 11     |
| 3) n-Nitrosodimethylamine     | 3.458  | 42   | 1767     | 0.429 | ng    | 90       |
| 6) bis(2-Chloroethyl)ether    | 7.055  | 93   | 1918     | 0.386 | ng    | 99       |
| 9) Naphthalene                | 10.458 | 128  | 4753     | 0.375 | ng    | 100      |
| 10) Hexachlorobutadiene       | 10.746 | 225  | 1025     | 0.373 | ng    | # 98     |
| 12) 2-Methylnaphthalene       | 12.077 | 142  | 3444     | 0.420 | ng    | 99       |
| 16) Acenaphthylene            | 13.989 | 152  | 4556     | 0.391 | ng    | 97       |
| 17) Acenaphthene              | 14.331 | 154  | 2973     | 0.388 | ng    | 98       |
| 18) Fluorene                  | 15.325 | 166  | 4067     | 0.406 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.410 | 198  | 432      | 0.322 | ng    | # 73     |
| 21) 4-Bromophenyl-phenylether | 16.214 | 248  | 1264     | 0.374 | ng    | # 67     |
| 22) Hexachlorobenzene         | 16.326 | 284  | 1266     | 0.342 | ng    | 96       |
| 23) Atrazine                  | 16.487 | 200  | 1110     | 0.407 | ng    | # 92     |
| 24) Pentachlorophenol         | 16.673 | 266  | 623      | 0.314 | ng    | 98       |
| 25) Phenanthrene              | 17.058 | 178  | 7313     | 0.438 | ng    | 99       |
| 26) Anthracene                | 17.145 | 178  | 5839     | 0.386 | ng    | 99       |
| 28) Fluoranthene              | 19.087 | 202  | 7262     | 0.388 | ng    | 99       |
| 30) Pyrene                    | 19.449 | 202  | 7672     | 0.356 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.198 | 228  | 6467     | 0.393 | ng    | 98       |
| 33) Chrysene                  | 21.251 | 228  | 7045     | 0.397 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.144 | 149  | 6904     | 0.737 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.637 | 276  | 6779     | 0.386 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 22.760 | 252  | 6538     | 0.362 | ng    | 98       |
| 38) Benzo(k)fluoranthene      | 22.807 | 252  | 6781     | 0.373 | ng    | 100      |
| 39) Benzo(a)pyrene            | 23.328 | 252  | 5810     | 0.391 | ng    | 96       |
| 40) Dibenzo(a,h)anthracene    | 25.655 | 278  | 5158     | 0.373 | ng    | 99       |
| 41) Benzo(g,h,i)perylene      | 26.318 | 276  | 5341     | 0.348 | ng    | 98       |
| -----                         |        |      |          |       |       |          |

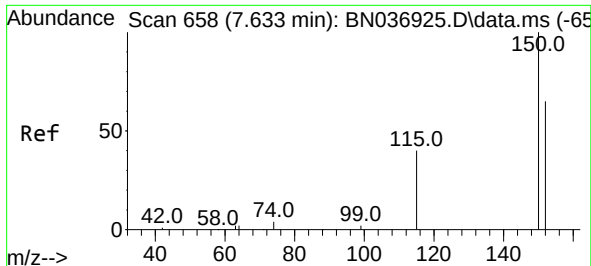
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN050825\  
Data File : BN036975.D  
Acq On : 08 May 2025 16:16  
Operator : RC/JU  
Sample : Q1939-04MS  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
GB2BMS

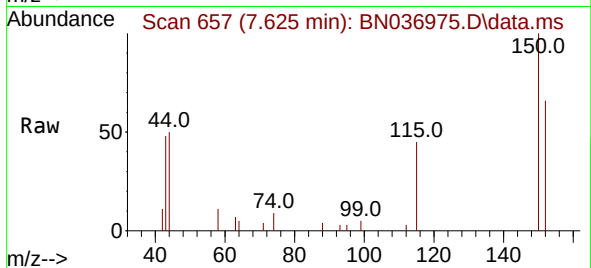
Quant Time: May 08 16:43:34 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN042825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Apr 28 15:35:03 2025  
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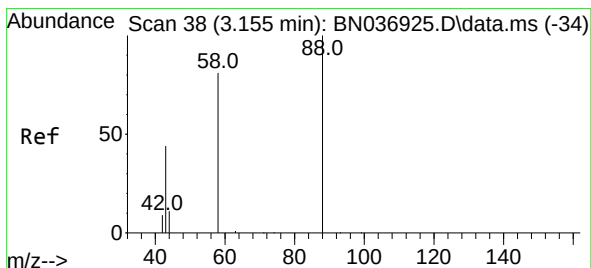
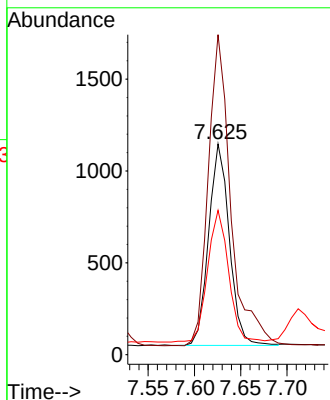
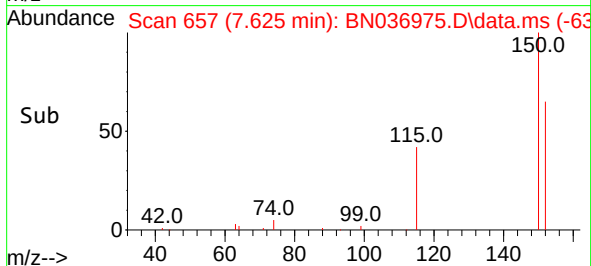


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.625 min Scan# 61  
 Delta R.T. -0.008 min  
 Lab File: BN036975.D  
 Acq: 08 May 2025 16:16

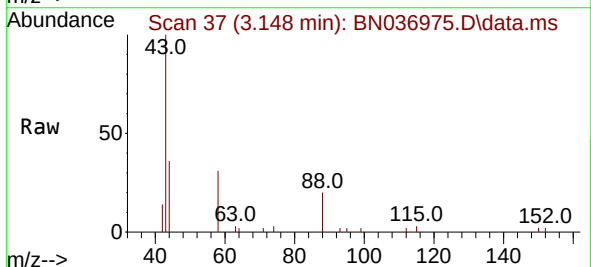
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 BNA\_N  
 ClientSampleId :  
 GB2BMS



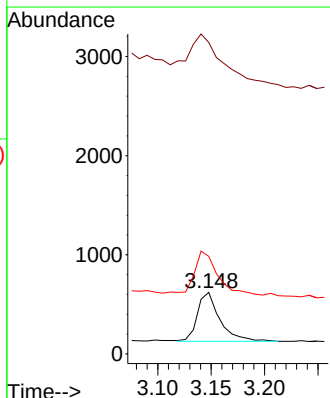
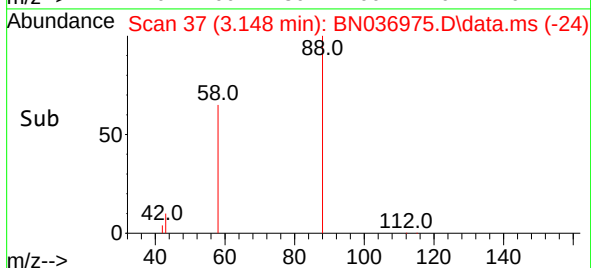
Tgt Ion:152 Resp: 1704  
 Ion Ratio Lower Upper  
 152 100  
 150 151.9 121.1 181.7  
 115 68.5 51.8 77.6

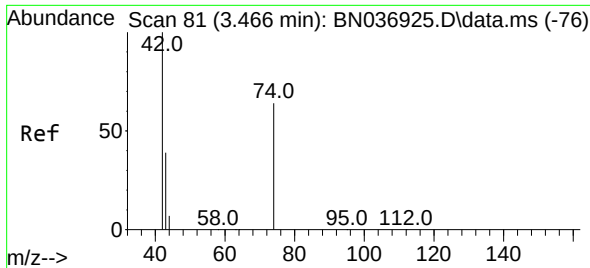


#2  
 1,4-Dioxane  
 Concen: 0.339 ng  
 RT: 3.148 min Scan# 37  
 Delta R.T. -0.007 min  
 Lab File: BN036975.D  
 Acq: 08 May 2025 16:16



Tgt Ion: 88 Resp: 719  
 Ion Ratio Lower Upper  
 88 100  
 43 187.6 37.9 56.9#  
 58 99.9 65.8 98.6#

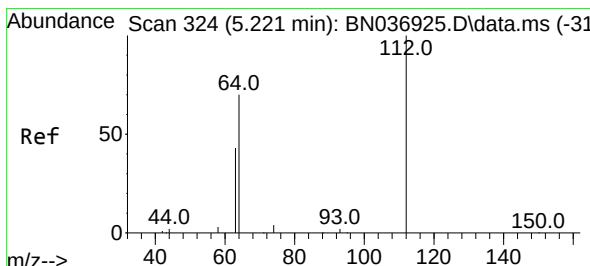
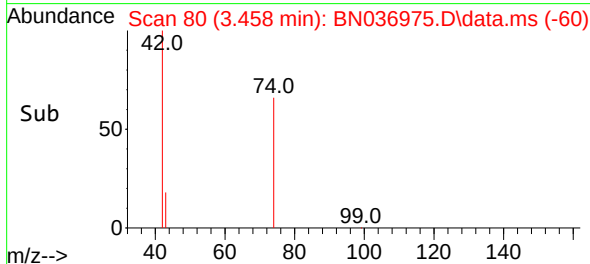
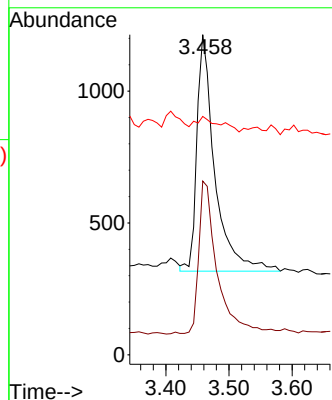
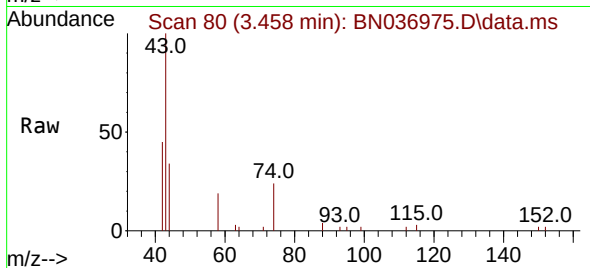




#3  
 n-Nitrosodimethylamine  
 Concen: 0.429 ng  
 RT: 3.458 min Scan# 81  
 Delta R.T. -0.007 min  
 Lab File: BN036975.D  
 Acq: 08 May 2025 16:16

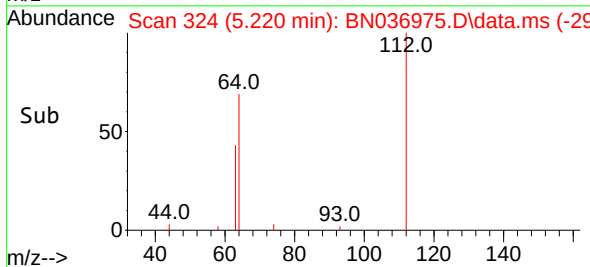
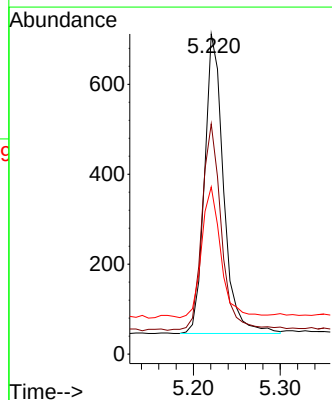
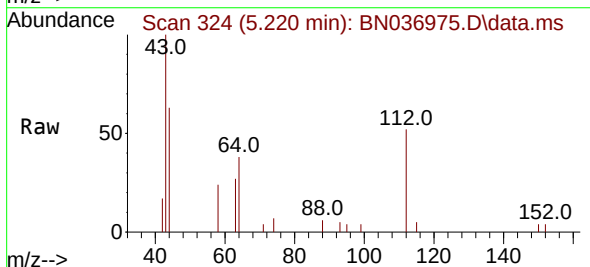
Instrument :  
 BNA\_N  
 ClientSampleId :  
 GB2BMS

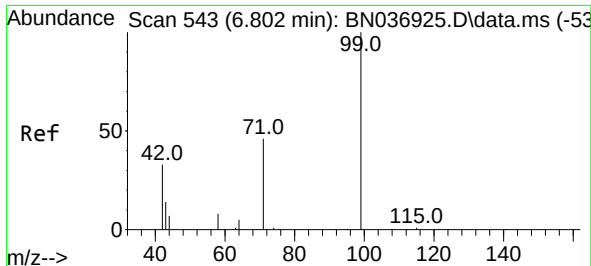
Tgt Ion: 42 Resp: 1767  
 Ion Ratio Lower Upper  
 42 100  
 74 65.7 59.9 89.9  
 44 8.8 7.5 11.3



#4  
 2-Fluorophenol  
 Concen: 0.233 ng  
 RT: 5.220 min Scan# 324  
 Delta R.T. -0.000 min  
 Lab File: BN036975.D  
 Acq: 08 May 2025 16:16

Tgt Ion: 112 Resp: 1017  
 Ion Ratio Lower Upper  
 112 100  
 64 71.0 55.7 83.5  
 63 44.1 33.9 50.9

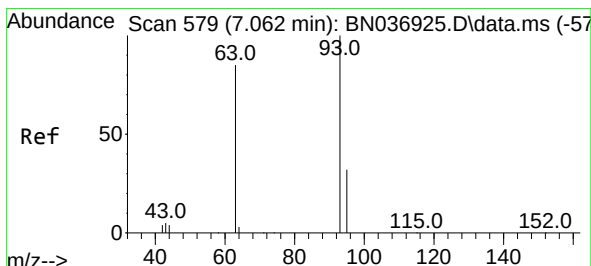
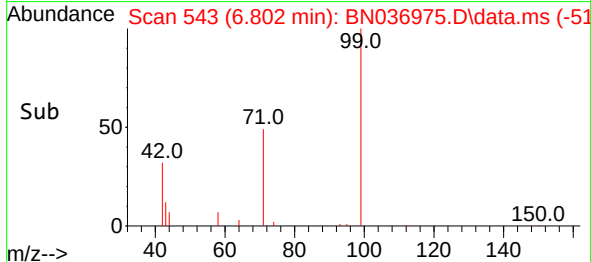
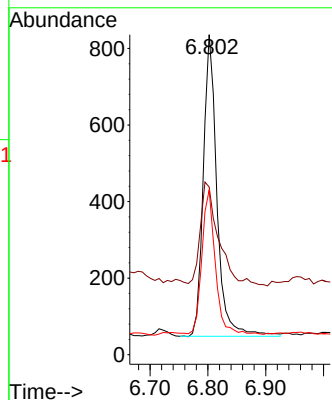
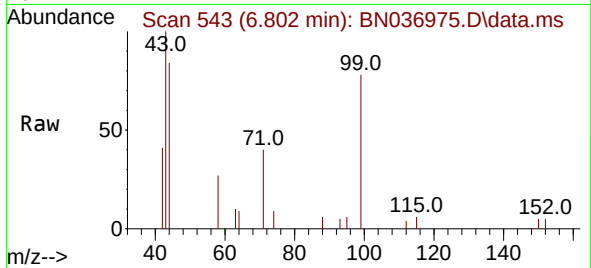




#5  
Phenol-d6  
Concen: 0.242 ng  
RT: 6.802 min Scan# 54  
Delta R.T. -0.000 min  
Lab File: BN036975.D  
Acq: 08 May 2025 16:16

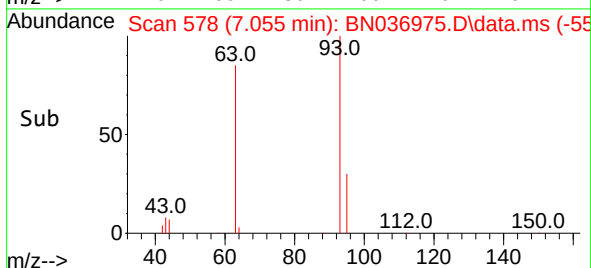
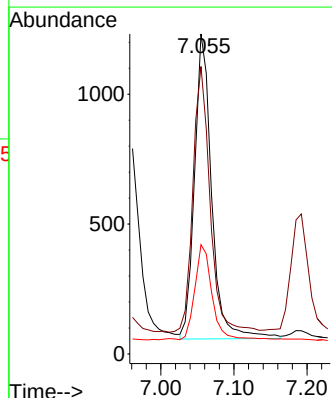
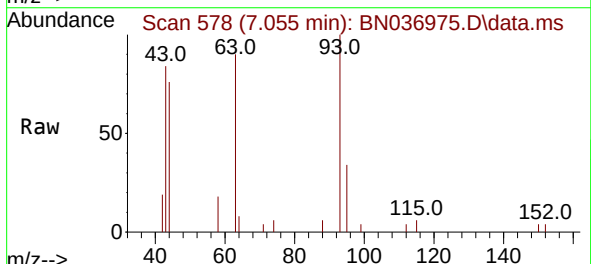
Instrument :  
BNA\_N  
ClientSampleId :  
GB2BMS

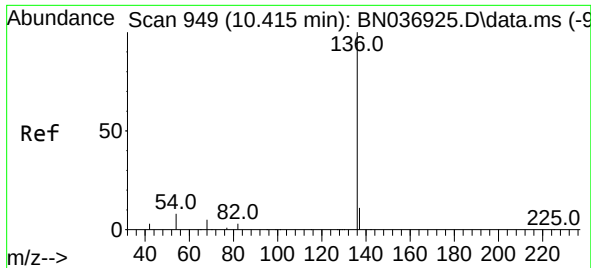
Tgt Ion: 99 Resp: 1298  
Ion Ratio Lower Upper  
99 100  
42 46.3 29.6 44.4#  
71 47.3 36.0 54.0



#6  
bis(2-Chloroethyl)ether  
Concen: 0.386 ng  
RT: 7.055 min Scan# 578  
Delta R.T. -0.007 min  
Lab File: BN036975.D  
Acq: 08 May 2025 16:16

Tgt Ion: 93 Resp: 1918  
Ion Ratio Lower Upper  
93 100  
63 86.5 69.0 103.6  
95 33.7 25.4 38.0

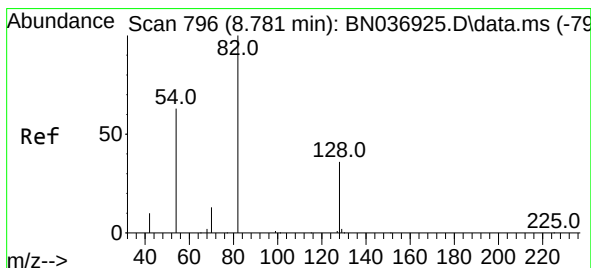
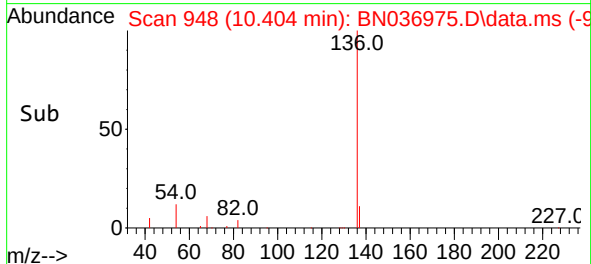
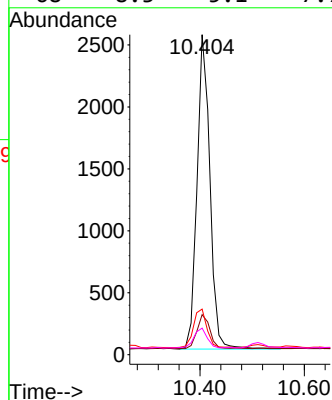
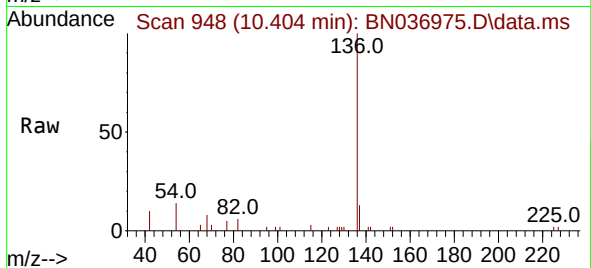




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.404 min Scan# 949  
Delta R.T. -0.011 min  
Lab File: BN036975.D  
Acq: 08 May 2025 16:16

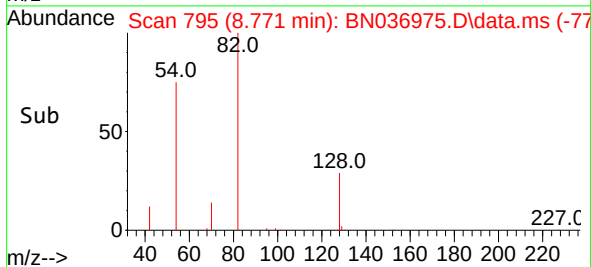
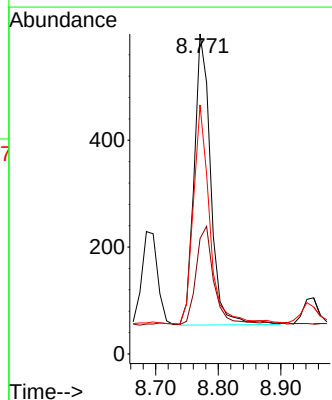
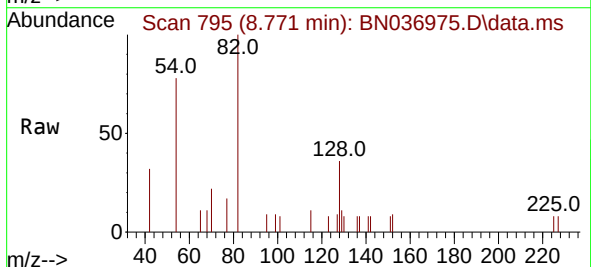
Instrument :  
BNA\_N  
ClientSampleId :  
GB2BMS

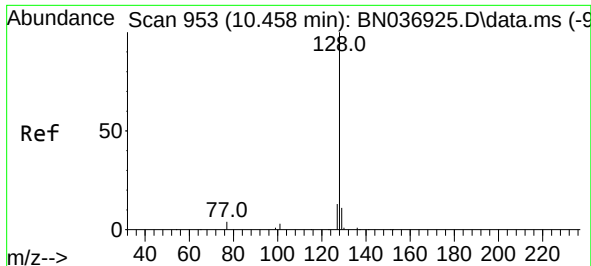
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 4360  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 12.5  | 9.7   | 14.5  |
| 54       | 14.2  | 8.0   | 12.0# |
| 68       | 8.3   | 5.1   | 7.7#  |



#8  
Nitrobenzene-d5  
Concen: 0.220 ng  
RT: 8.771 min Scan# 795  
Delta R.T. -0.011 min  
Lab File: BN036975.D  
Acq: 08 May 2025 16:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 1005  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 36.1  | 30.7  | 46.1  |
| 54       | 77.8  | 52.1  | 78.1  |

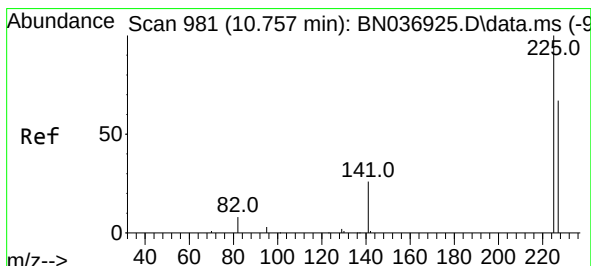
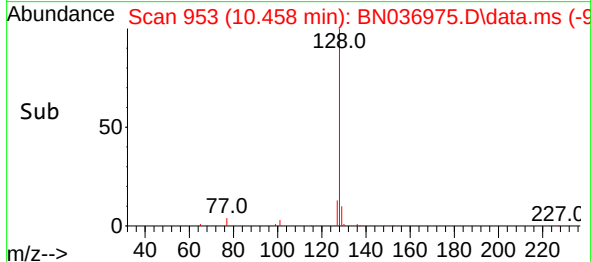
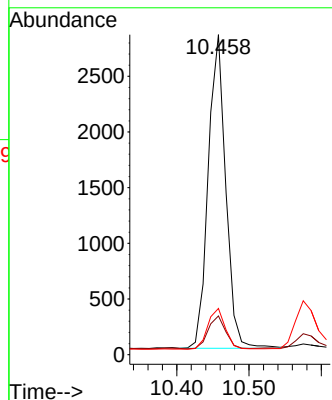
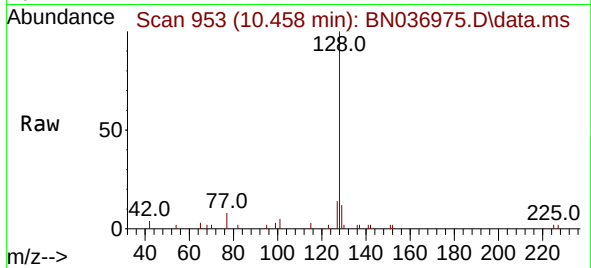




#9  
Naphthalene  
Concen: 0.375 ng  
RT: 10.458 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BN036975.D  
Acq: 08 May 2025 16:16

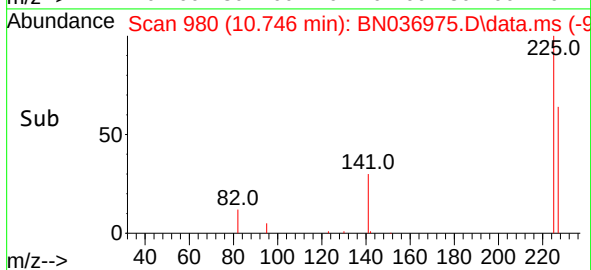
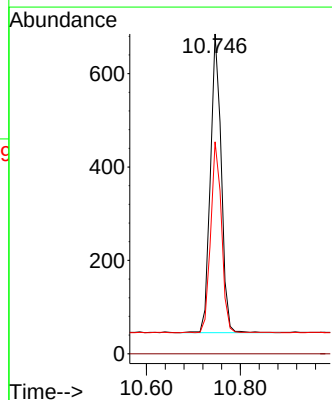
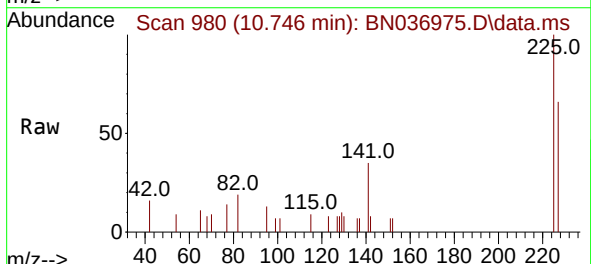
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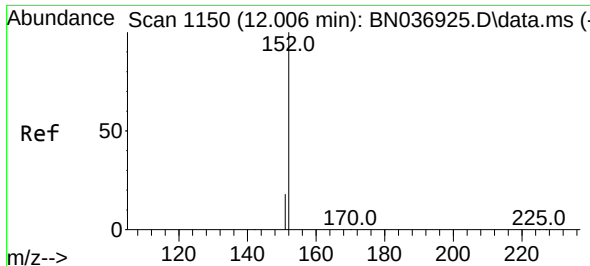
Tgt Ion:128 Resp: 4753  
Ion Ratio Lower Upper  
128 100  
129 12.1 9.8 14.6  
127 14.5 11.4 17.2



#10  
Hexachlorobutadiene  
Concen: 0.373 ng  
RT: 10.746 min Scan# 980  
Delta R.T. -0.011 min  
Lab File: BN036975.D  
Acq: 08 May 2025 16:16

Tgt Ion:225 Resp: 1025  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 63.9 52.2 78.4

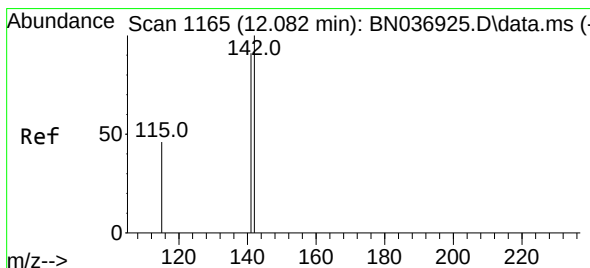
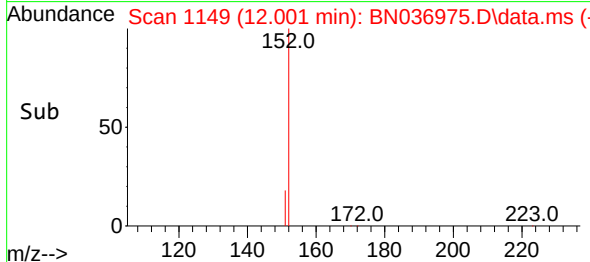
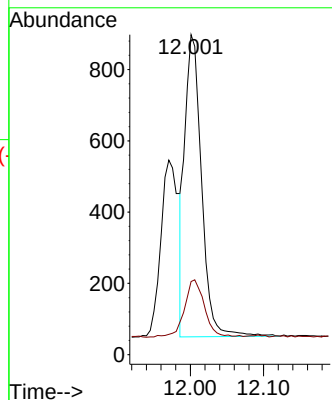
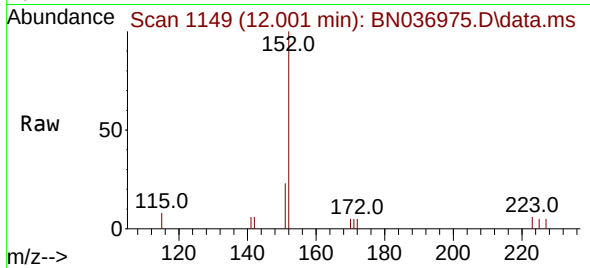




#11  
2-Methylnaphthalene-d10  
Concen: 0.221 ng  
RT: 12.001 min Scan# 1149  
Delta R.T. -0.005 min  
Lab File: BN036975.D  
Acq: 08 May 2025 16:16

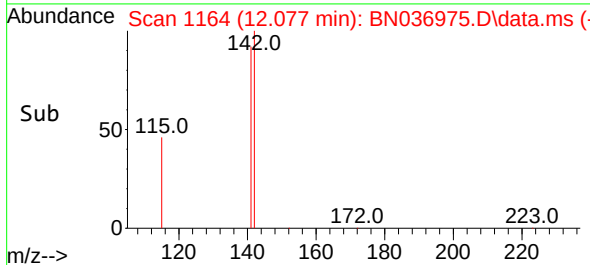
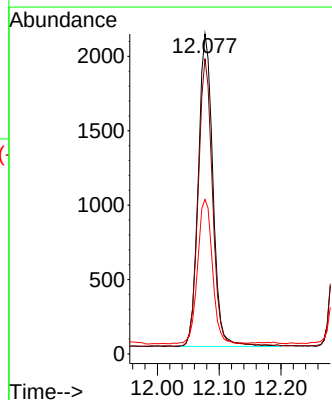
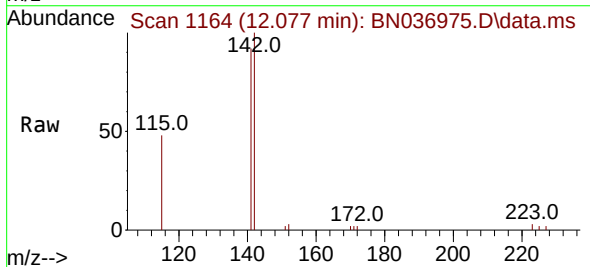
Instrument :  
BNA\_N  
ClientSampleId :  
GB2BMS

Tgt Ion:152 Resp: 1345  
Ion Ratio Lower Upper  
152 100  
151 22.9 16.9 25.3

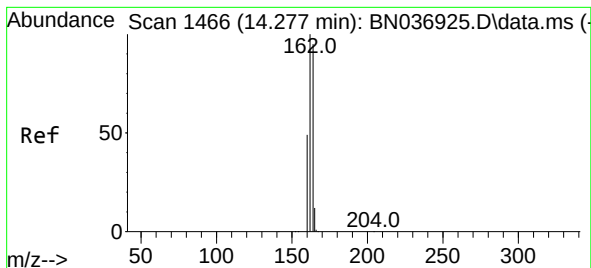


#12  
2-Methylnaphthalene  
Concen: 0.420 ng  
RT: 12.077 min Scan# 1164  
Delta R.T. -0.005 min  
Lab File: BN036975.D  
Acq: 08 May 2025 16:16

Tgt Ion:142 Resp: 3444  
Ion Ratio Lower Upper  
142 100  
141 92.3 72.8 109.2  
115 48.3 38.2 57.4







#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.277 min Scan# 1466

Delta R.T. -0.000 min

Lab File: BN036975.D

Acq: 08 May 2025 16:16

Instrument :

BNA\_N

ClientSampleId :

GB2BMS

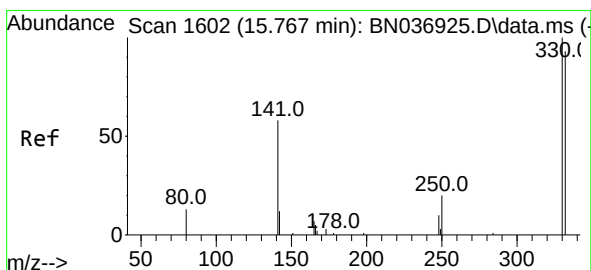
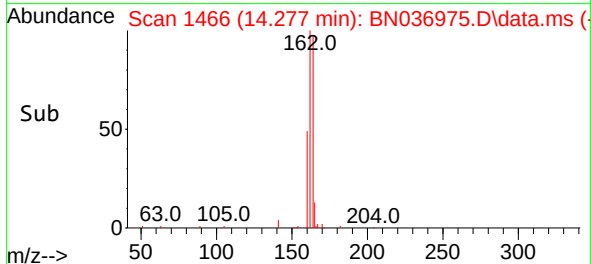
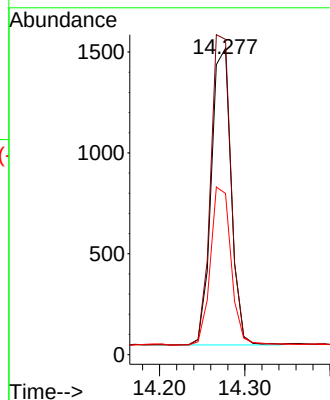
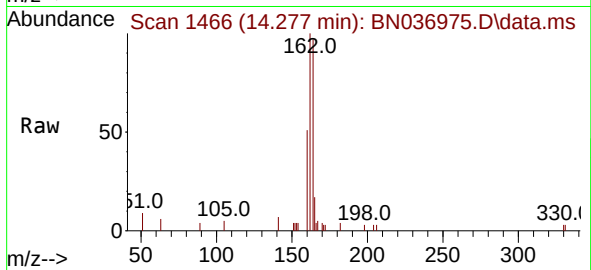
Tgt Ion:164 Resp: 2385

Ion Ratio Lower Upper

164 100

162 103.0 83.8 125.8

160 52.6 42.0 63.0



#14

2,4,6-Tribromophenol

Concen: 0.224 ng

RT: 15.767 min Scan# 1602

Delta R.T. -0.000 min

Lab File: BN036975.D

Acq: 08 May 2025 16:16

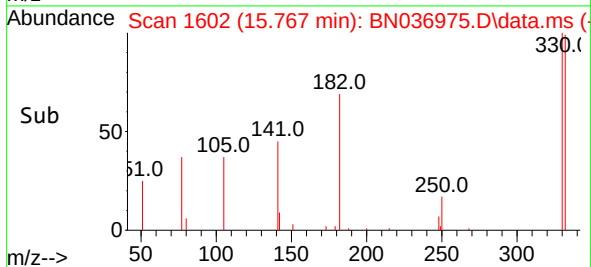
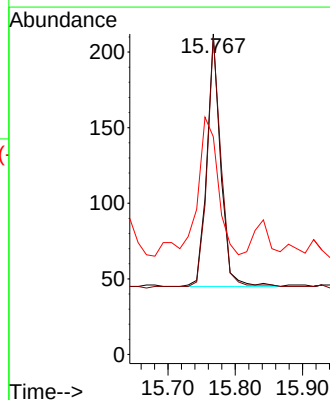
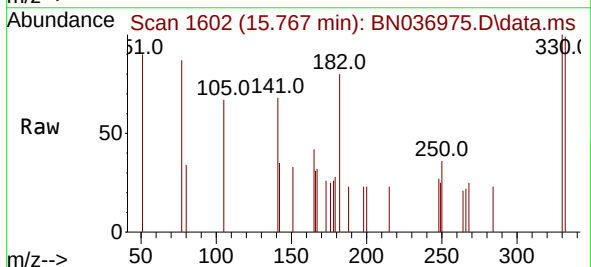
Tgt Ion:330 Resp: 238

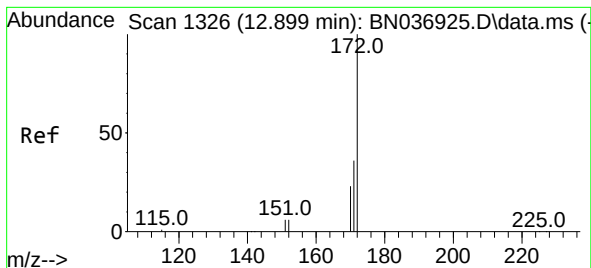
Ion Ratio Lower Upper

330 100

332 98.7 76.3 114.5

141 85.7 45.4 68.2#

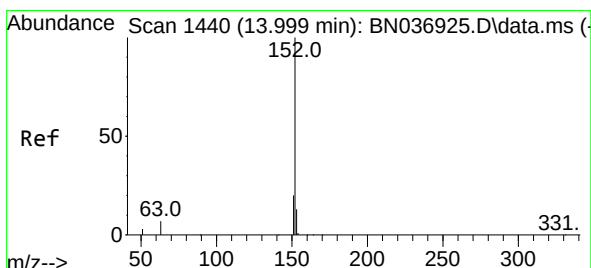
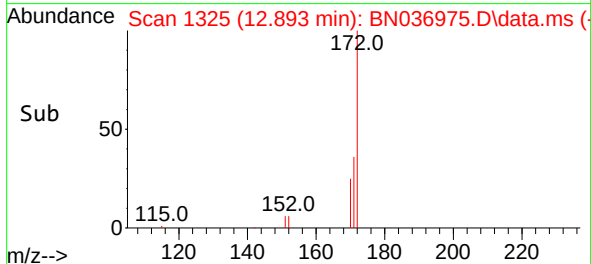
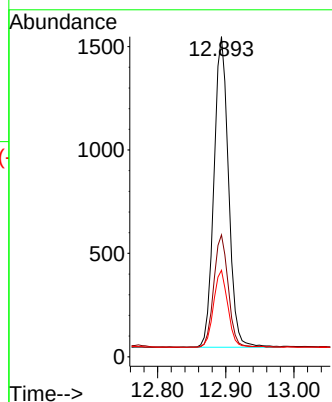
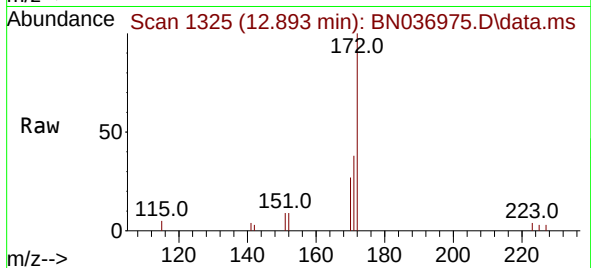




#15  
2-Fluorobiphenyl  
Concen: 0.194 ng  
RT: 12.893 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BN036975.D  
Acq: 08 May 2025 16:16

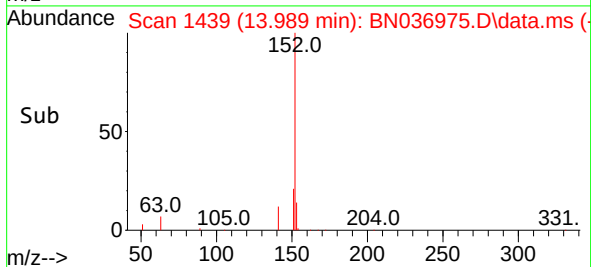
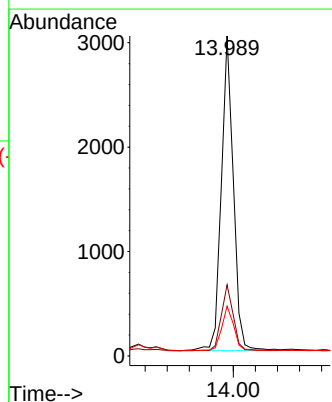
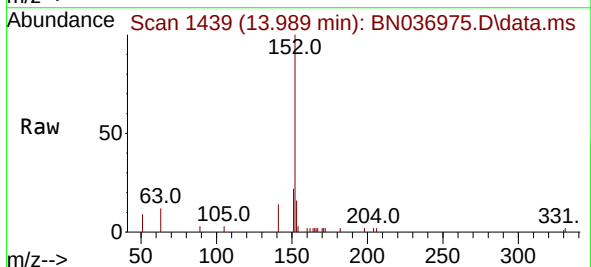
Instrument :  
BNA\_N  
ClientSampleId :  
GB2BMS

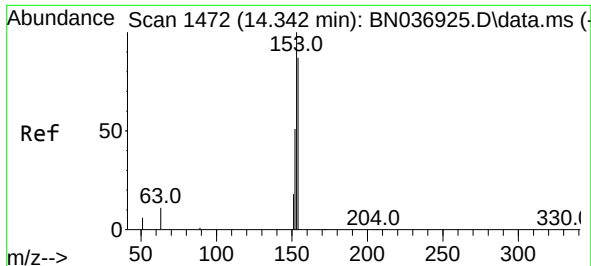
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 2233  |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 38.0  | 29.4  | 44.0  |
| 170      | 27.0  | 19.4  | 29.0  |



#16  
Acenaphthylene  
Concen: 0.391 ng  
RT: 13.989 min Scan# 1439  
Delta R.T. -0.011 min  
Lab File: BN036975.D  
Acq: 08 May 2025 16:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 4556  |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 20.6  | 16.0  | 24.0  |
| 153      | 14.6  | 10.2  | 15.2  |

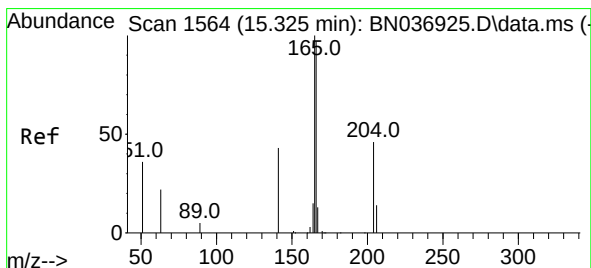
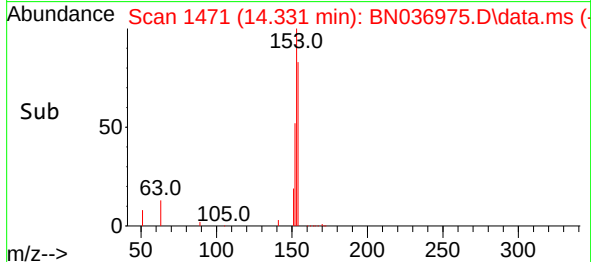
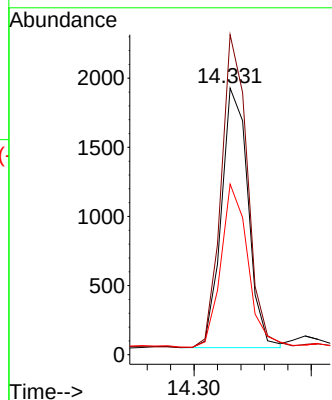
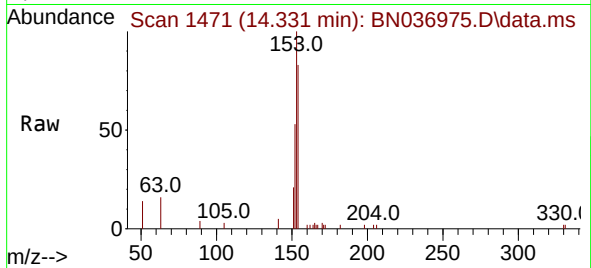




#17  
Acenaphthene  
Concen: 0.388 ng  
RT: 14.331 min Scan# 1471  
Delta R.T. -0.011 min  
Lab File: BN036975.D  
Acq: 08 May 2025 16:16

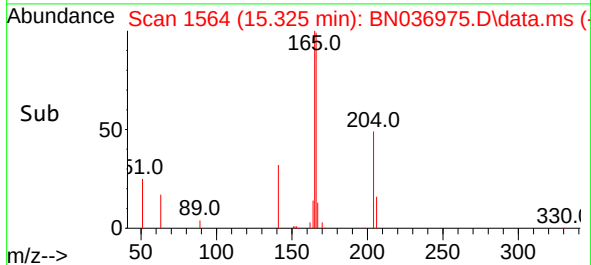
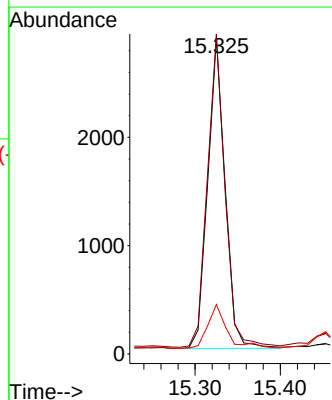
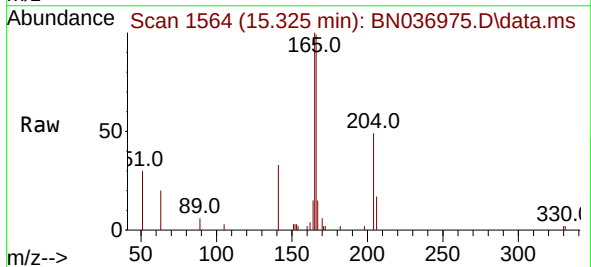
Instrument :  
BNA\_N  
ClientSampleId :  
GB2BMS

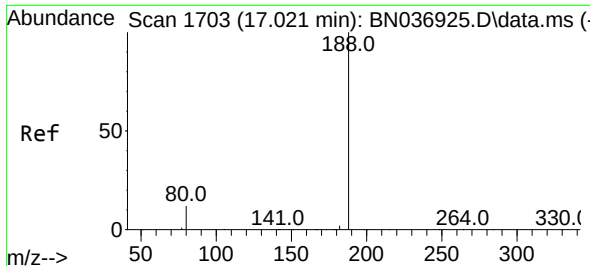
Tgt Ion:154 Resp: 2973  
Ion Ratio Lower Upper  
154 100  
153 118.5 93.4 140.2  
152 63.5 49.5 74.3



#18  
Fluorene  
Concen: 0.406 ng  
RT: 15.325 min Scan# 1564  
Delta R.T. -0.000 min  
Lab File: BN036975.D  
Acq: 08 May 2025 16:16

Tgt Ion:166 Resp: 4067  
Ion Ratio Lower Upper  
166 100  
165 101.5 80.8 121.2  
167 15.7 10.8 16.2

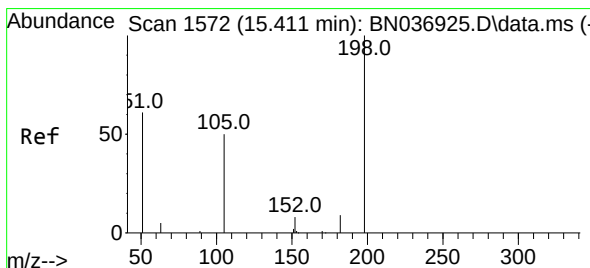
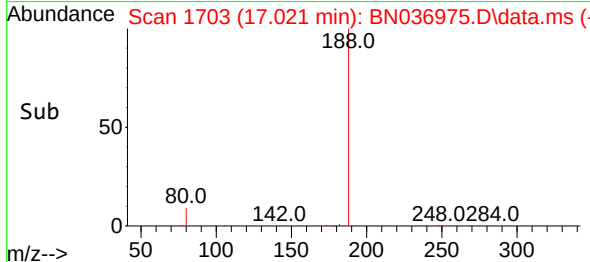
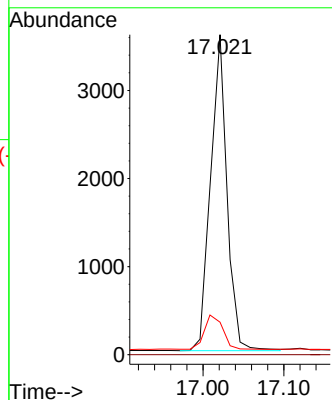
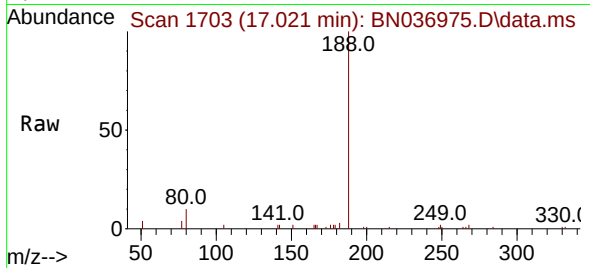




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.021 min Scan# 1703  
Delta R.T. -0.000 min  
Lab File: BN036975.D  
Acq: 08 May 2025 16:16

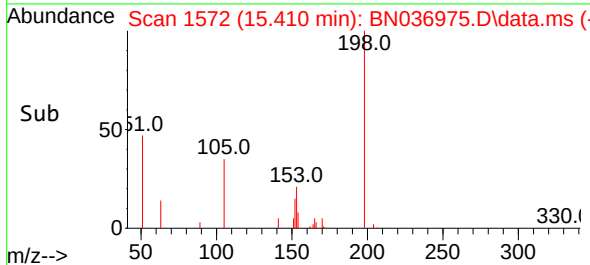
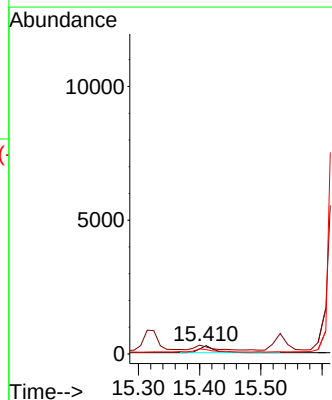
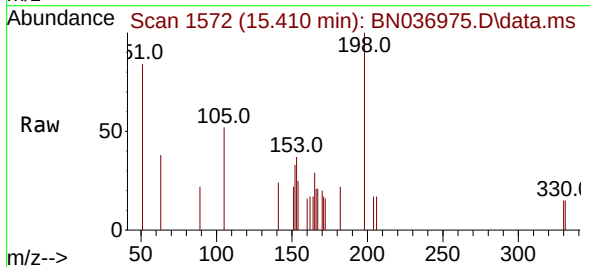
Instrument :  
BNA\_N  
ClientSampleId :  
GB2BMS

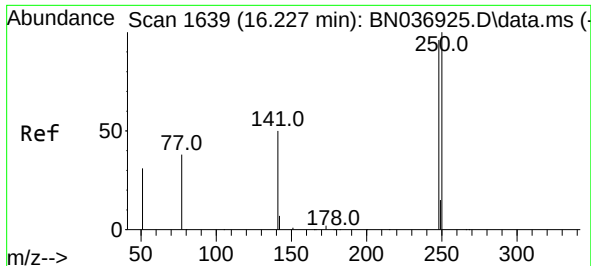
Tgt Ion:188 Resp: 5063  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.2 10.7 16.1#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.322 ng  
RT: 15.410 min Scan# 1572  
Delta R.T. -0.001 min  
Lab File: BN036975.D  
Acq: 08 May 2025 16:16

Tgt Ion:198 Resp: 432  
Ion Ratio Lower Upper  
198 100  
51 84.5 97.9 146.9#  
105 52.1 50.0 75.0

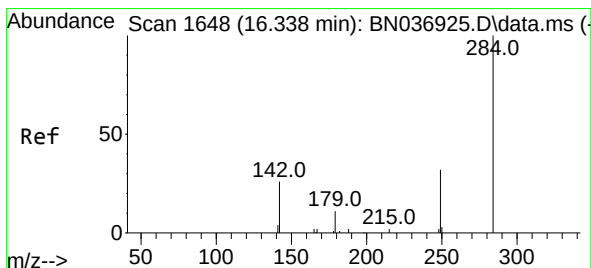
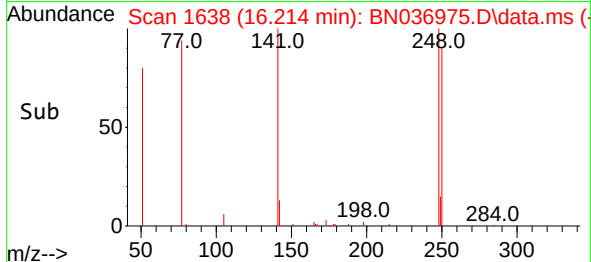
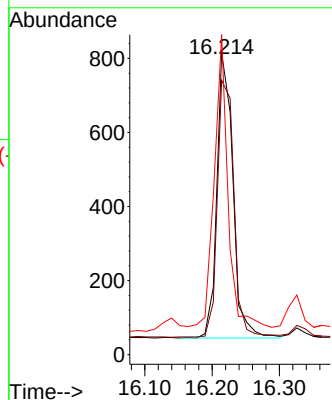
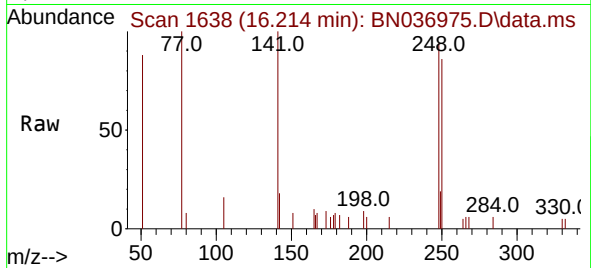




#21  
4-Bromophenyl-phenylether  
Concen: 0.374 ng  
RT: 16.214 min Scan# 1638  
Delta R.T. -0.013 min  
Lab File: BN036975.D  
Acq: 08 May 2025 16:16

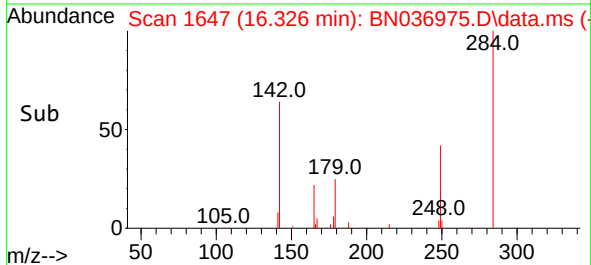
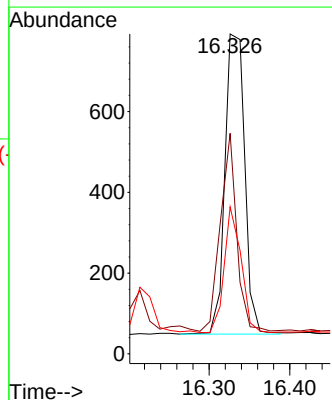
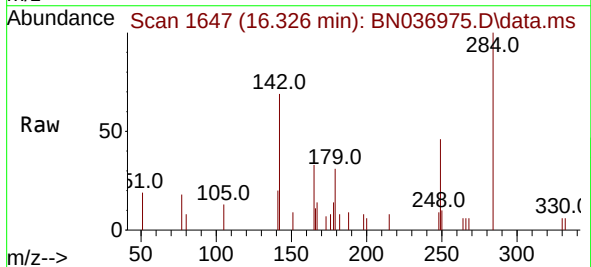
Instrument :  
BNA\_N  
ClientSampleId :  
GB2BMS

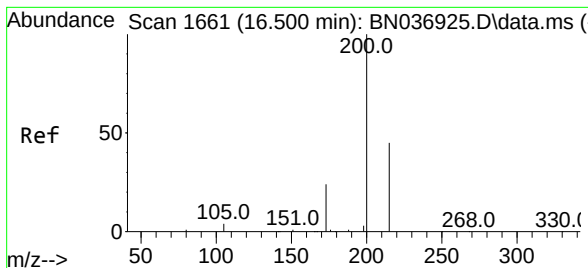
Tgt Ion:248 Resp: 1264  
Ion Ratio Lower Upper  
248 100  
250 90.9 83.7 125.5  
141 106.0 43.8 65.8#



#22  
Hexachlorobenzene  
Concen: 0.342 ng  
RT: 16.326 min Scan# 1647  
Delta R.T. -0.013 min  
Lab File: BN036975.D  
Acq: 08 May 2025 16:16

Tgt Ion:284 Resp: 1266  
Ion Ratio Lower Upper  
284 100  
142 54.1 40.0 60.0  
249 35.7 28.2 42.2





#23

Atrazine

Concen: 0.407 ng

RT: 16.487 min Scan# 1660

Delta R.T. -0.013 min

Lab File: BN036975.D

Acq: 08 May 2025 16:16

Instrument :

BNA\_N

ClientSampleId :

GB2BMS

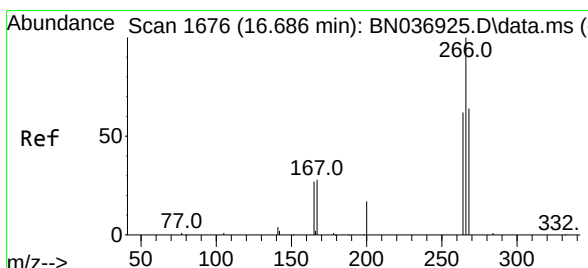
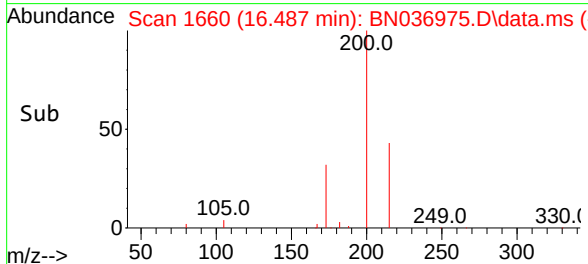
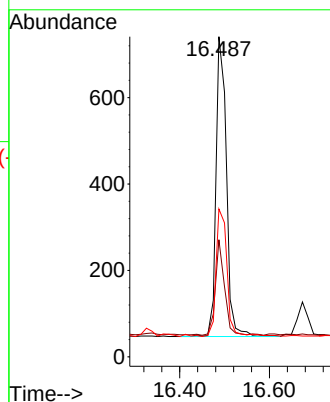
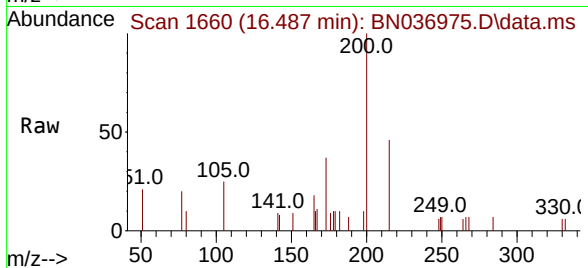
Tgt Ion:200 Resp: 1110

Ion Ratio Lower Upper

200 100

173 36.6 22.4 33.6#

215 46.2 38.6 57.8



#24

Pentachlorophenol

Concen: 0.314 ng

RT: 16.673 min Scan# 1675

Delta R.T. -0.013 min

Lab File: BN036975.D

Acq: 08 May 2025 16:16

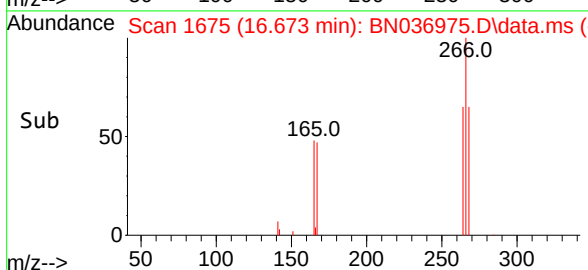
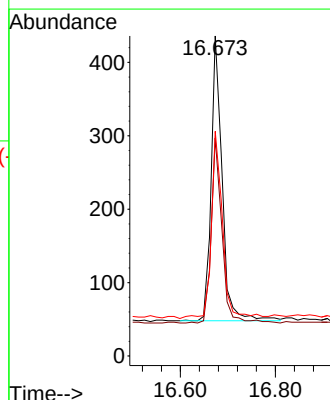
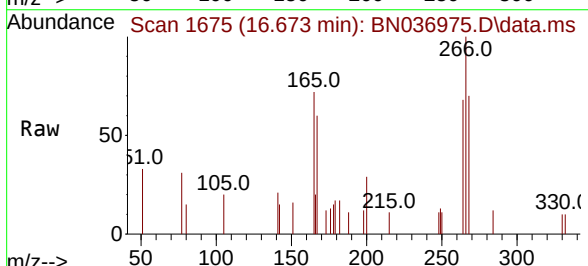
Tgt Ion:266 Resp: 623

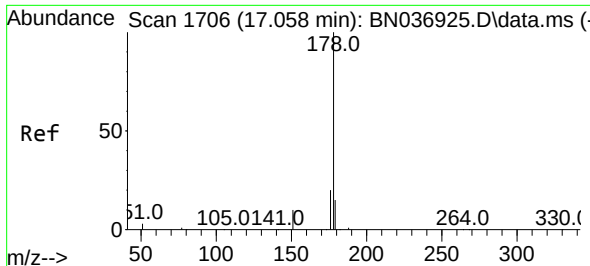
Ion Ratio Lower Upper

266 100

264 63.4 49.9 74.9

268 67.6 52.2 78.4

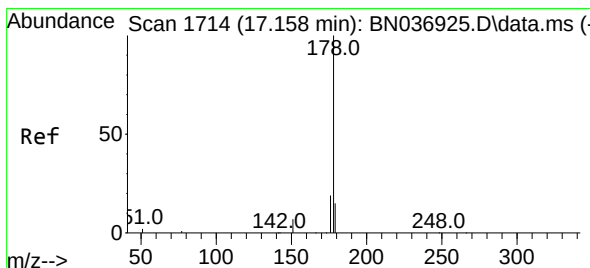
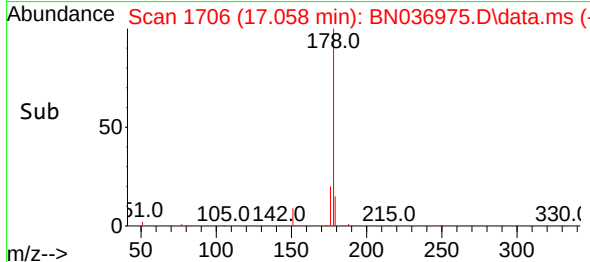
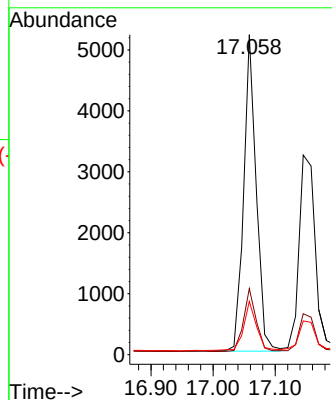
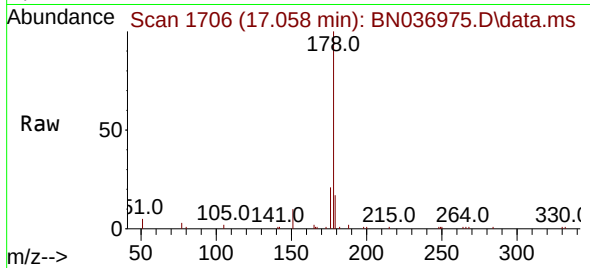




#25  
Phenanthrene  
Concen: 0.438 ng  
RT: 17.058 min Scan# 1713  
Delta R.T. -0.000 min  
Lab File: BN036975.D  
Acq: 08 May 2025 16:16

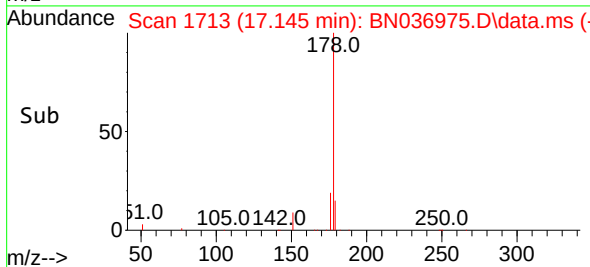
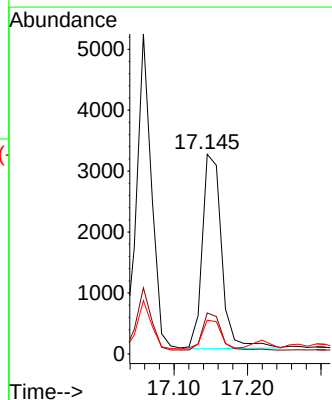
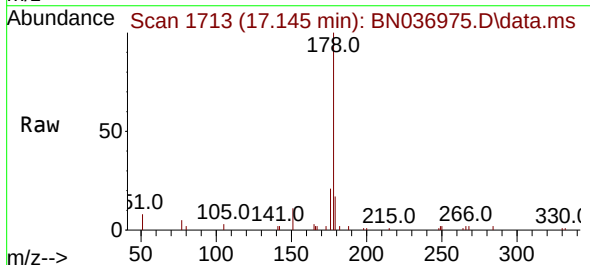
Instrument :  
BNA\_N  
ClientSampleId :  
GB2BMS

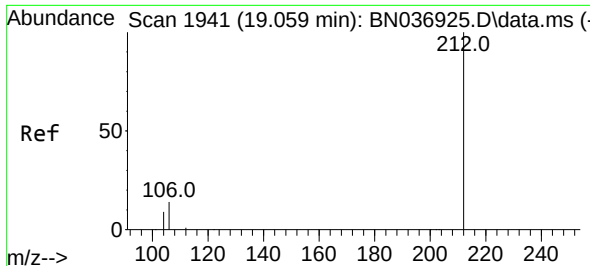
Tgt Ion:178 Resp: 7313  
Ion Ratio Lower Upper  
178 100  
176 19.8 15.7 23.5  
179 16.4 12.4 18.6



#26  
Anthracene  
Concen: 0.386 ng  
RT: 17.145 min Scan# 1713  
Delta R.T. -0.013 min  
Lab File: BN036975.D  
Acq: 08 May 2025 16:16

Tgt Ion:178 Resp: 5839  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.3 22.9  
179 14.2 12.1 18.1

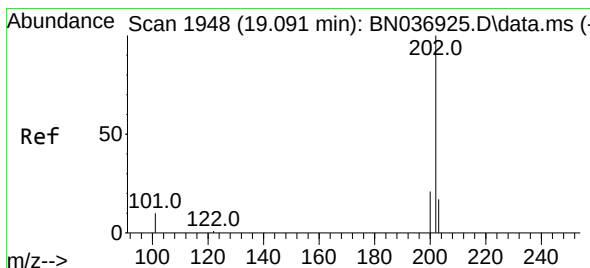
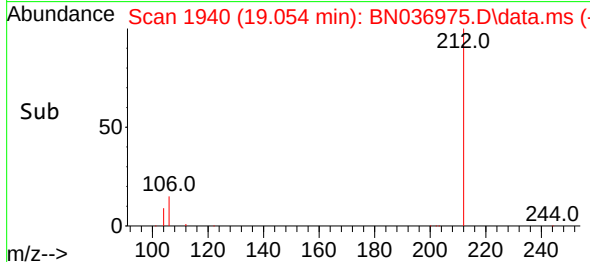
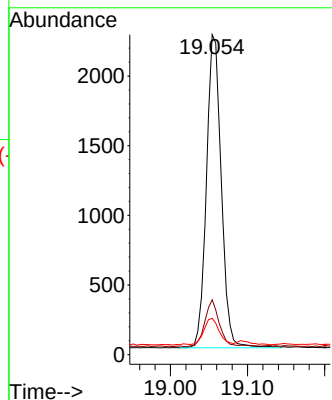
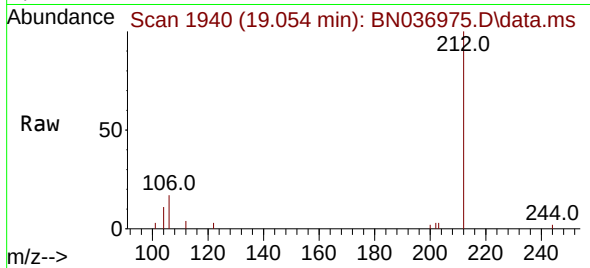




#27  
Fluoranthene-d10  
Concen: 0.229 ng  
RT: 19.054 min Scan# 1940  
Delta R.T. -0.005 min  
Lab File: BN036975.D  
Acq: 08 May 2025 16:16

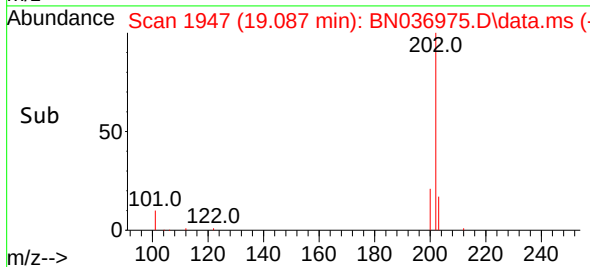
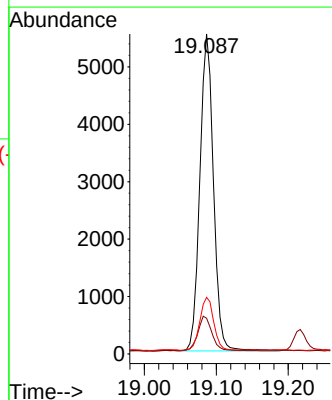
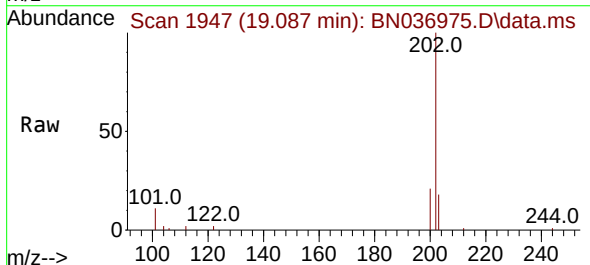
Instrument :  
BNA\_N  
ClientSampleId :  
GB2BMS

Tgt Ion:212 Resp: 3006  
Ion Ratio Lower Upper  
212 100  
106 14.9 11.6 17.4  
104 9.1 7.0 10.4

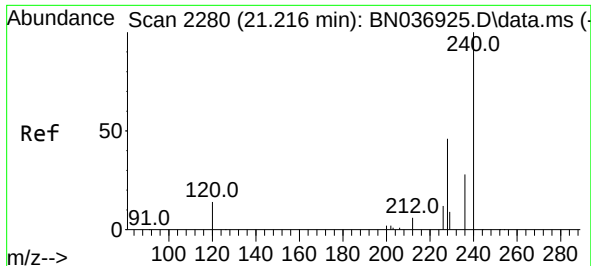


#28  
Fluoranthene  
Concen: 0.388 ng  
RT: 19.087 min Scan# 1947  
Delta R.T. -0.005 min  
Lab File: BN036975.D  
Acq: 08 May 2025 16:16

Tgt Ion:202 Resp: 7262  
Ion Ratio Lower Upper  
202 100  
101 11.1 8.5 12.7  
203 17.0 13.7 20.5



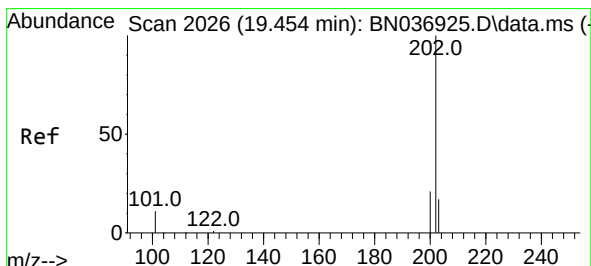
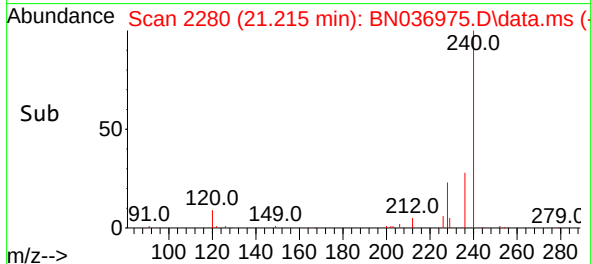
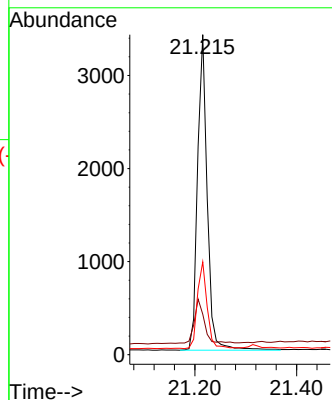
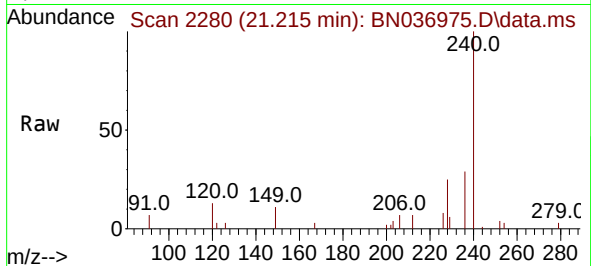




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.215 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BN036975.D  
Acq: 08 May 2025 16:16

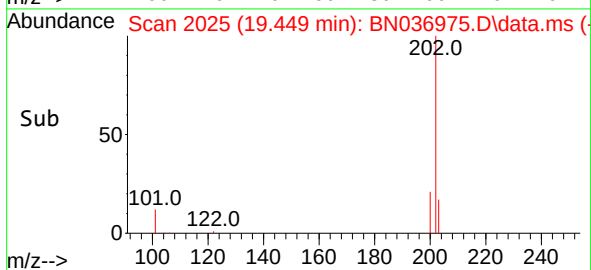
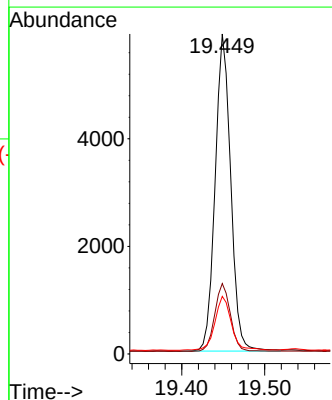
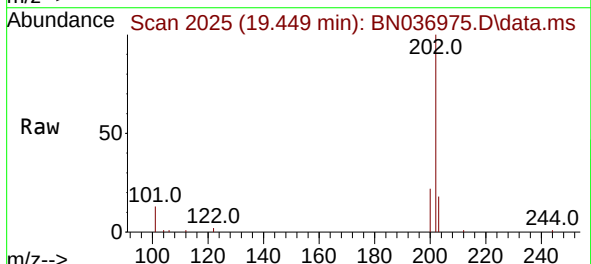
Instrument :  
BNA\_N  
ClientSampleId :  
GB2BMS

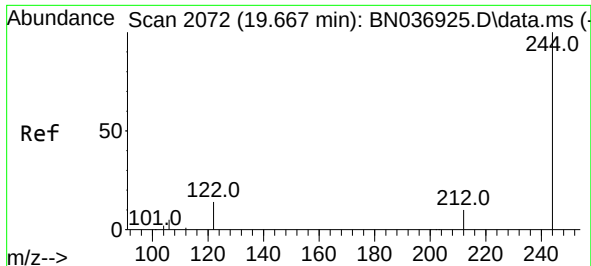
Tgt Ion:240 Resp: 4471  
Ion Ratio Lower Upper  
240 100  
120 12.7 14.1 21.1#  
236 29.0 23.8 35.8



#30  
Pyrene  
Concen: 0.356 ng  
RT: 19.449 min Scan# 2025  
Delta R.T. -0.005 min  
Lab File: BN036975.D  
Acq: 08 May 2025 16:16

Tgt Ion:202 Resp: 7672  
Ion Ratio Lower Upper  
202 100  
200 21.5 17.0 25.6  
203 17.9 14.0 21.0

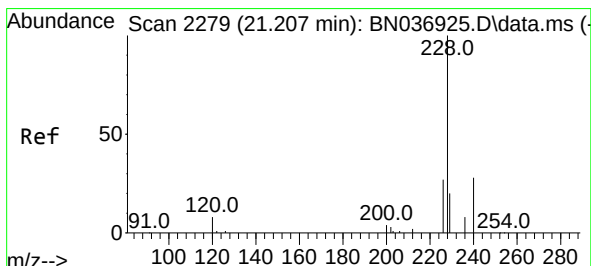
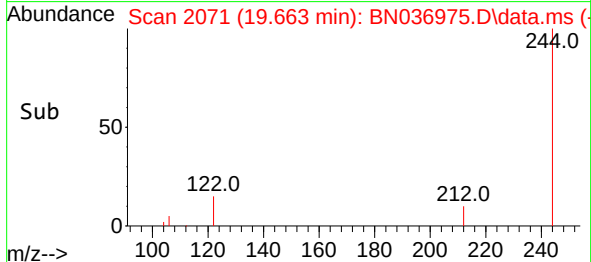
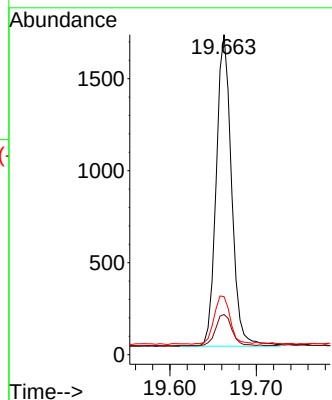
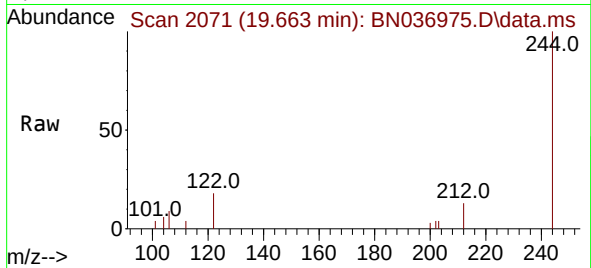




#31  
 Terphenyl-d14  
 Concen: 0.198 ng  
 RT: 19.663 min Scan# 2072  
 Delta R.T. -0.005 min  
 Lab File: BN036975.D  
 Acq: 08 May 2025 16:16

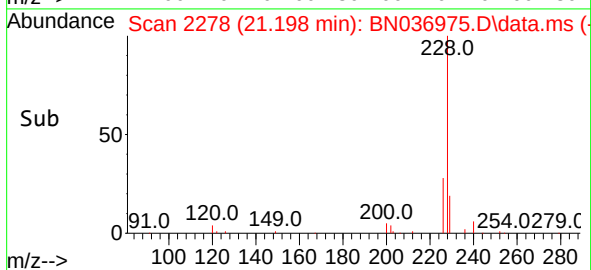
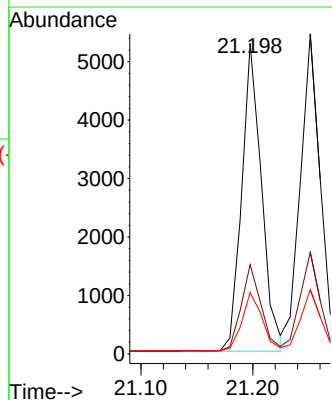
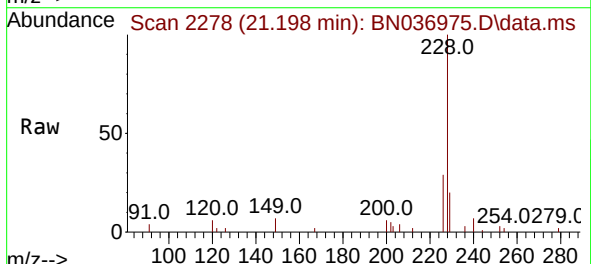
Instrument :  
 BNA\_N  
 ClientSampleId :  
 GB2BMS

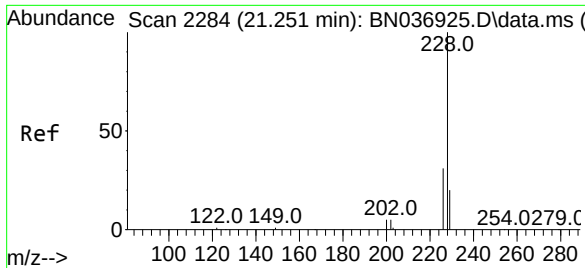
Tgt Ion:244 Resp: 2092  
 Ion Ratio Lower Upper  
 244 100  
 212 12.5 9.6 14.4  
 122 18.2 12.7 19.1



#32  
 Benzo(a)anthracene  
 Concen: 0.393 ng  
 RT: 21.198 min Scan# 2278  
 Delta R.T. -0.009 min  
 Lab File: BN036975.D  
 Acq: 08 May 2025 16:16

Tgt Ion:228 Resp: 6467  
 Ion Ratio Lower Upper  
 228 100  
 226 28.7 22.2 33.4  
 229 19.8 16.4 24.6

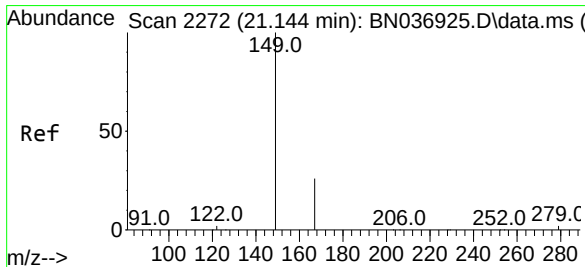
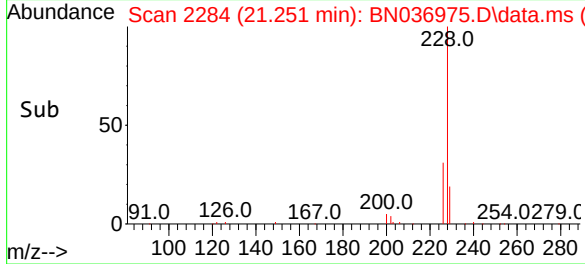
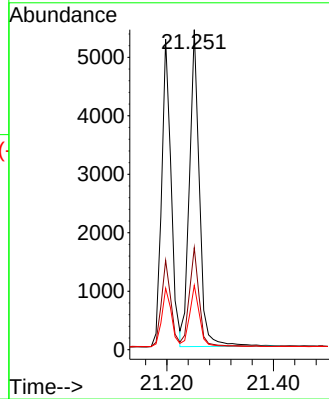
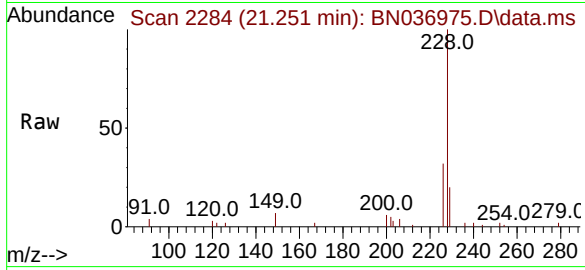




#33  
Chrysene  
Concen: 0.397 ng  
RT: 21.251 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BN036975.D  
Acq: 08 May 2025 16:16

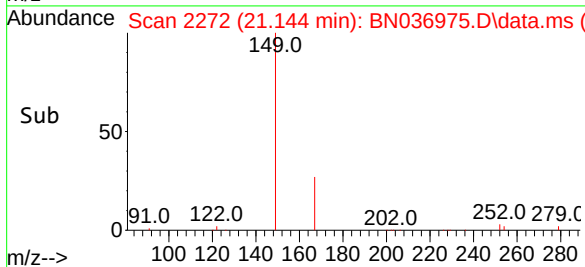
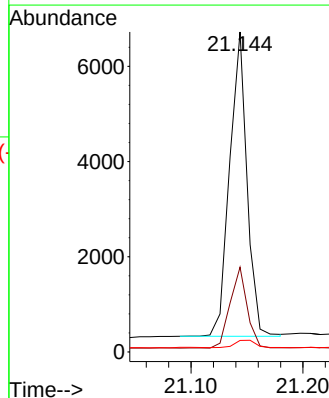
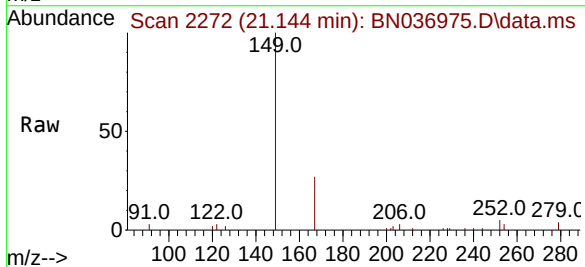
Instrument :  
BNA\_N  
ClientSampleId :  
GB2BMS

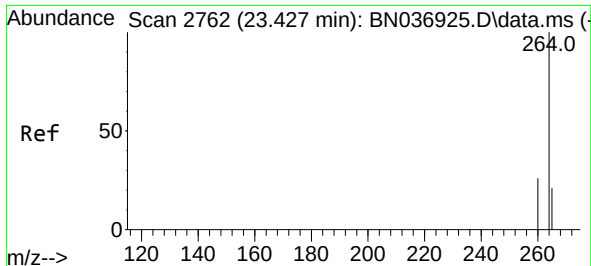
Tgt Ion:228 Resp: 7045  
Ion Ratio Lower Upper  
228 100  
226 31.8 25.5 38.3  
229 20.1 16.5 24.7



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.737 ng  
RT: 21.144 min Scan# 2272  
Delta R.T. -0.000 min  
Lab File: BN036975.D  
Acq: 08 May 2025 16:16

Tgt Ion:149 Resp: 6904  
Ion Ratio Lower Upper  
149 100  
167 26.0 21.0 31.6  
279 2.9 2.7 4.1



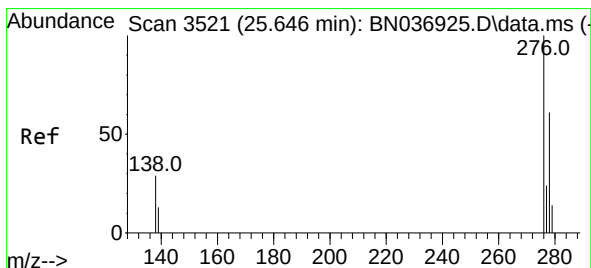
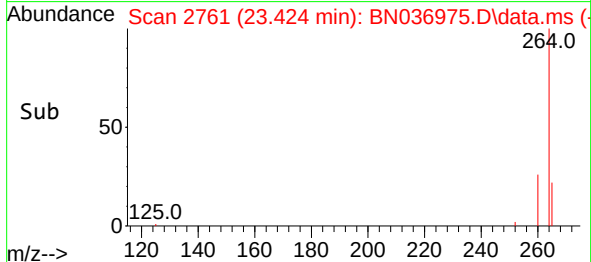
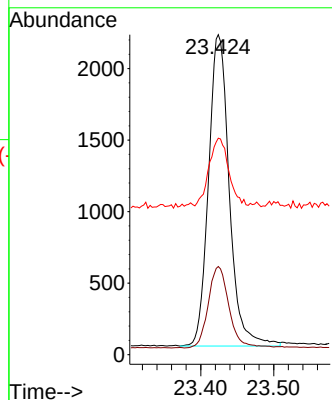
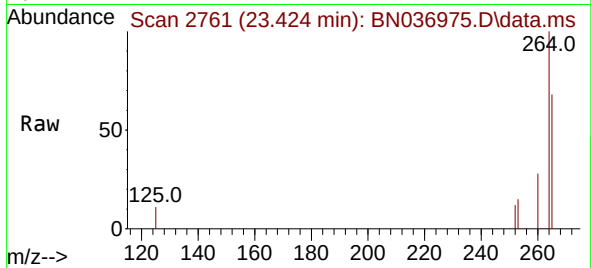


#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.424 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BN036975.D  
Acq: 08 May 2025 16:16

Instrument :  
BNA\_N  
ClientSampleId :  
GB2BMS

Tgt Ion:264 Resp: 4298  

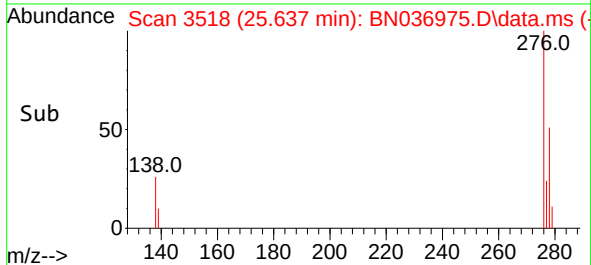
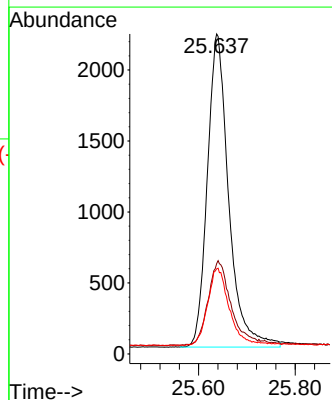
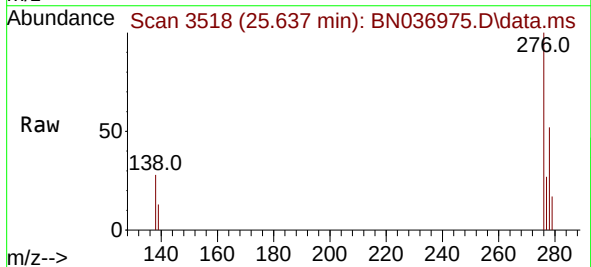
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 27.5  | 22.2  | 33.2  |
| 265 | 67.6  | 65.8  | 98.6  |

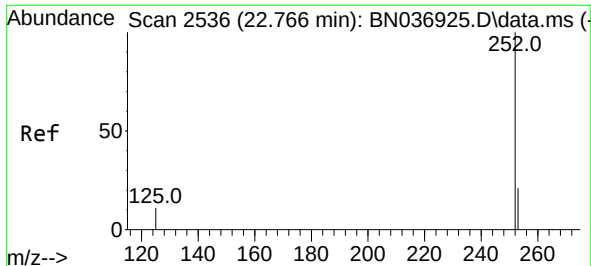


#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.386 ng  
RT: 25.637 min Scan# 3518  
Delta R.T. -0.009 min  
Lab File: BN036975.D  
Acq: 08 May 2025 16:16

Tgt Ion:276 Resp: 6779  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 28.5  | 23.0  | 34.6  |
| 277 | 24.6  | 20.0  | 30.0  |

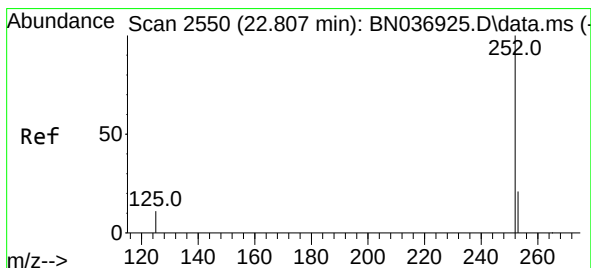
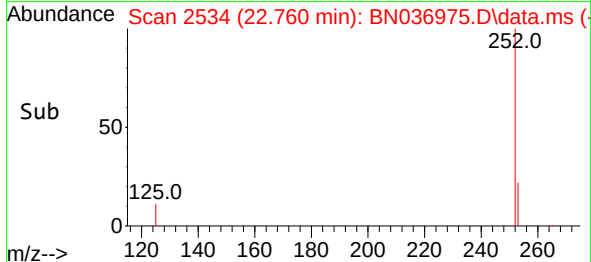
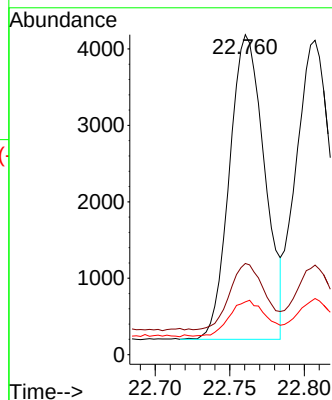
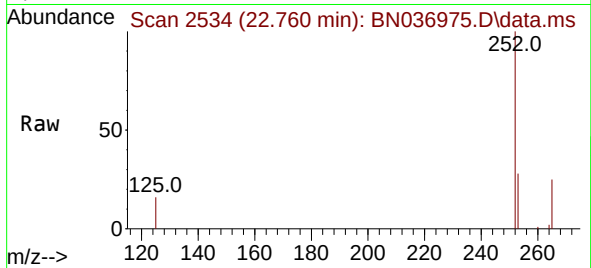




#37  
Benzo(b)fluoranthene  
Concen: 0.362 ng  
RT: 22.760 min Scan# 2536  
Delta R.T. -0.006 min  
Lab File: BN036975.D  
Acq: 08 May 2025 16:16

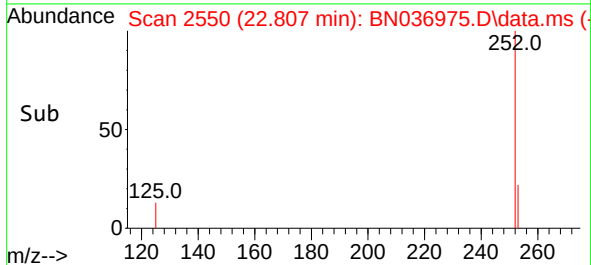
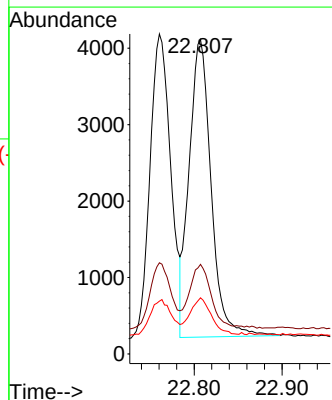
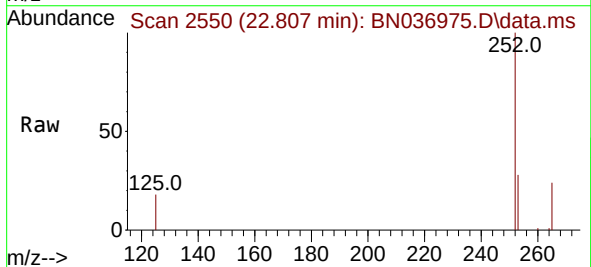
Instrument :  
BNA\_N  
ClientSampleId :  
GB2BMS

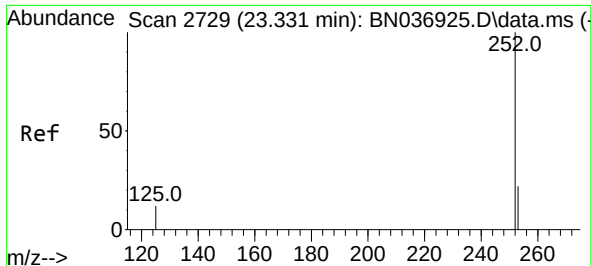
Tgt Ion:252 Resp: 6538  
Ion Ratio Lower Upper  
252 100  
253 28.5 22.1 33.1  
125 16.5 14.2 21.2



#38  
Benzo(k)fluoranthene  
Concen: 0.373 ng  
RT: 22.807 min Scan# 2550  
Delta R.T. -0.000 min  
Lab File: BN036975.D  
Acq: 08 May 2025 16:16

Tgt Ion:252 Resp: 6781  
Ion Ratio Lower Upper  
252 100  
253 28.5 22.8 34.2  
125 17.9 14.2 21.2





#39

Benzo(a)pyrene

Concen: 0.391 ng

RT: 23.328 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN036975.D

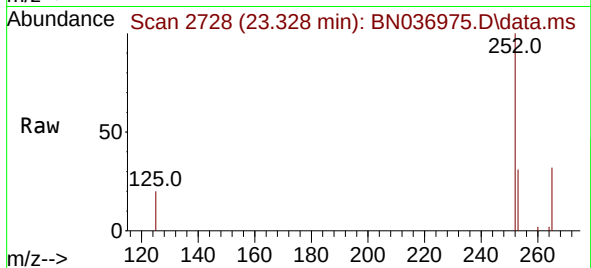
Acq: 08 May 2025 16:16

Instrument :

BNA\_N

ClientSampleId :

GB2BMS



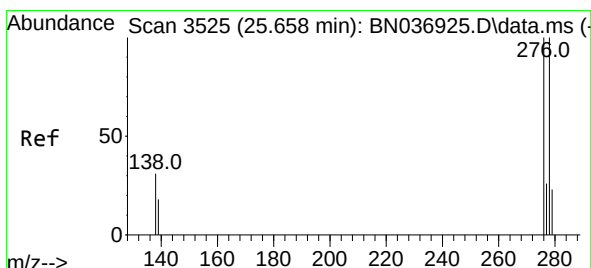
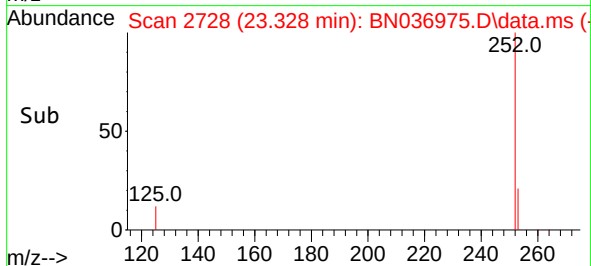
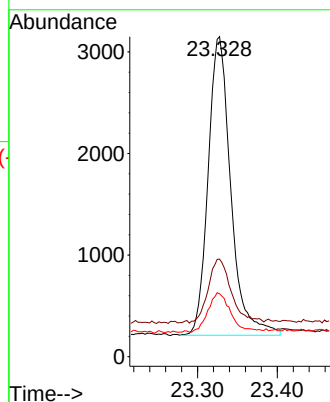
Tgt Ion:252 Resp: 5810

Ion Ratio Lower Upper

252 100

253 30.5 25.9 38.9

125 19.7 17.4 26.0



#40

Dibenzo(a,h)anthracene

Concen: 0.373 ng

RT: 25.655 min Scan# 3524

Delta R.T. -0.003 min

Lab File: BN036975.D

Acq: 08 May 2025 16:16

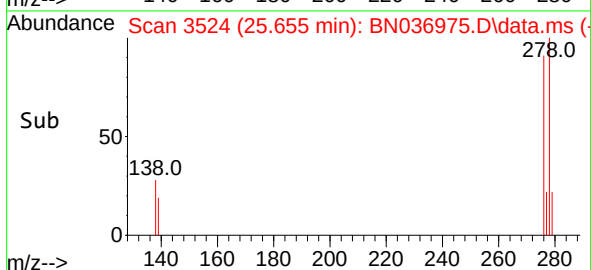
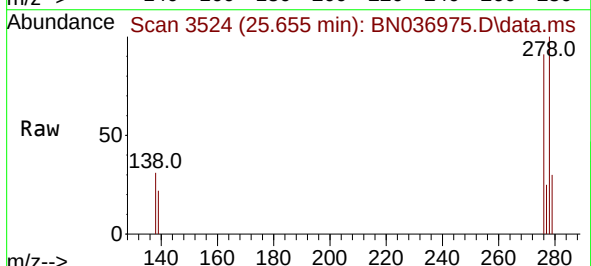
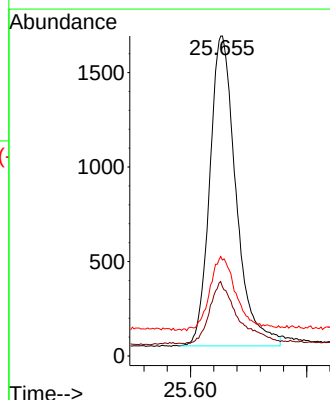
Tgt Ion:278 Resp: 5158

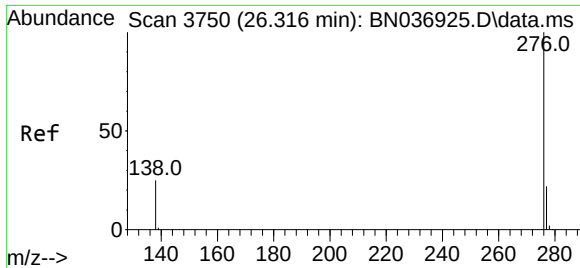
Ion Ratio Lower Upper

278 100

139 21.6 17.4 26.2

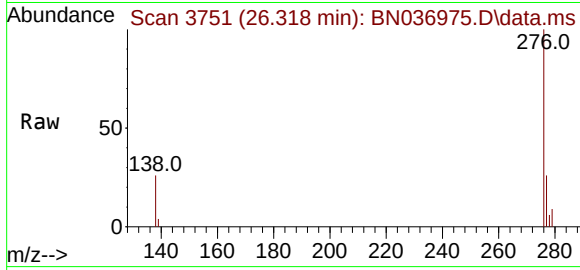
279 30.0 24.9 37.3





#41  
Benzo(g,h,i)perylene  
Concen: 0.348 ng  
RT: 26.318 min Scan# 31  
Delta R.T. 0.003 min  
Lab File: BN036975.D  
Acq: 08 May 2025 16:16

Instrument :  
BNA\_N  
ClientSampleId :  
GB2BMS



|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 276   | Resp: | 5341 |
| Ion Ratio | Lower | Upper |      |
| 276       | 100   |       |      |
| 277       | 25.9  | 20.2  | 30.2 |
| 138       | 26.4  | 21.9  | 32.9 |

