

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071425\  
 Data File : BN037492.D  
 Acq On : 14 Jul 2025 15:34  
 Operator : RC/JU  
 Sample : Q2580-02MSD 10X  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 WC-URBAN-FILL-B2MSD

Quant Time: Jul 14 16:30:32 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN071125.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 11 15:38:34 2025  
 Response via : Initial Calibration

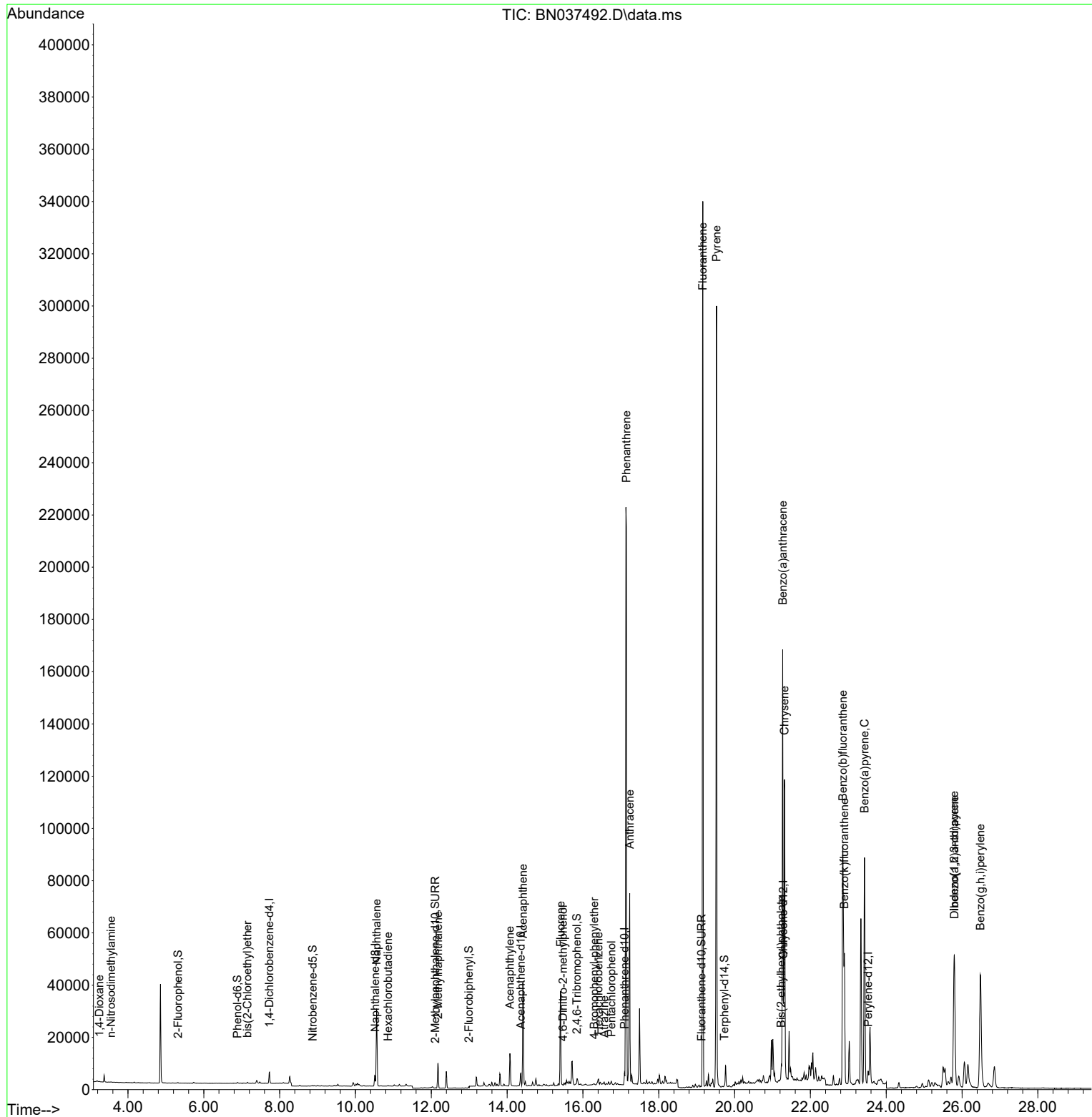
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.731  | 152  | 2101     | 0.400  | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.515 | 136  | 5450     | 0.400  | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.362 | 164  | 2896     | 0.400  | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.095 | 188  | 5508     | 0.400  | ng    | 0.00     |
| 29) Chrysene-d12              | 21.286 | 240  | 5967     | 0.400  | ng    | # 0.00   |
| 35) Perylene-d12              | 23.523 | 264  | 6132     | 0.400  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 4) 2-Fluorophenol             | 5.319  | 112  | 188      | 0.038  | ng    | 0.00     |
| 5) Phenol-d6                  | 6.886  | 99   | 241      | 0.039  | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.871  | 82   | 143      | 0.036  | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.102 | 152  | 235m     | 0.032  | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.841 | 330  | 50       | 0.051  | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.989 | 172  | 499      | 0.030  | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.128 | 212  | 496      | 0.036  | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.731 | 244  | 459      | 0.037  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
| 2) 1,4-Dioxane                | 3.246  | 88   | 139      | 0.070  | ng    | # 57     |
| 3) n-Nitrosodimethylamine     | 3.549  | 42   | 93       | 0.035  | ng    | # 50     |
| 6) bis(2-Chloroethyl)ether    | 7.153  | 93   | 240      | 0.047  | ng    | 89       |
| 9) Naphthalene                | 10.558 | 128  | 36750    | 2.510  | ng    | 97       |
| 10) Hexachlorobutadiene       | 10.857 | 225  | 134      | 0.038  | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.178 | 142  | 6632     | 0.723  | ng    | 99       |
| 16) Acenaphthylene            | 14.073 | 152  | 14101    | 1.068  | ng    | 100      |
| 17) Acenaphthene              | 14.415 | 154  | 20024    | 2.260  | ng    | 95       |
| 18) Fluorene                  | 15.410 | 166  | 23372    | 2.099  | ng    | 98       |
| 20) 4,6-Dinitro-2-methylph... | 15.474 | 198  | 27       | 0.044  | ng    | # 3      |
| 21) 4-Bromophenyl-phenylether | 16.300 | 248  | 140      | 0.041  | ng    | # 83     |
| 22) Hexachlorobenzene         | 16.412 | 284  | 199      | 0.042  | ng    | 97       |
| 23) Atrazine                  | 16.561 | 200  | 104      | 0.061  | ng    | # 67     |
| 24) Pentachlorophenol         | 16.747 | 266  | 165      | 0.101  | ng    | 98       |
| 25) Phenanthrene              | 17.144 | 178  | 263023   | 15.683 | ng    | 100      |
| 26) Anthracene                | 17.231 | 178  | 73995m   | 4.889  | ng    |          |
| 28) Fluoranthene              | 19.160 | 202  | 292394   | 15.887 | ng    | 99       |
| 30) Pyrene                    | 19.522 | 202  | 261878   | 10.916 | ng    | # 95     |
| 32) Benzo(a)anthracene        | 21.268 | 228  | 131090   | 6.487  | ng    | 99       |
| 33) Chrysene                  | 21.313 | 228  | 115396   | 5.224  | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.224 | 149  | 754      | 0.110  | ng    | 93       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.791 | 276  | 81186    | 3.411  | ng    | 97       |
| 37) Benzo(b)fluoranthene      | 22.856 | 252  | 149886m  | 6.285  | ng    |          |
| 38) Benzo(k)fluoranthene      | 22.894 | 252  | 58149m   | 2.406  | ng    |          |
| 39) Benzo(a)pyrene            | 23.426 | 252  | 119682m  | 6.236  | ng    |          |
| 40) Dibenzo(a,h)anthracene    | 25.800 | 278  | 19031    | 0.991  | ng    | 93       |
| 41) Benzo(g,h,i)perylene      | 26.481 | 276  | 91064    | 4.331  | ng    | 93       |

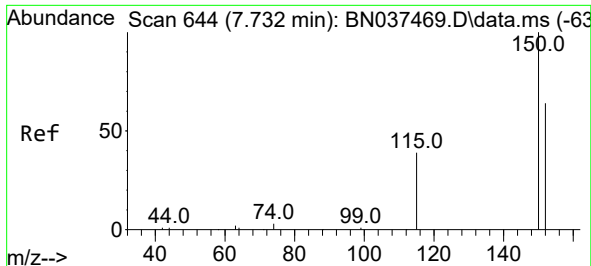
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071425\  
Data File : BN037492.D  
Acq On : 14 Jul 2025 15:34  
Operator : RC/JU  
Sample : Q2580-02MSD 10X  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
WC-URBAN-FILL-B2MSD

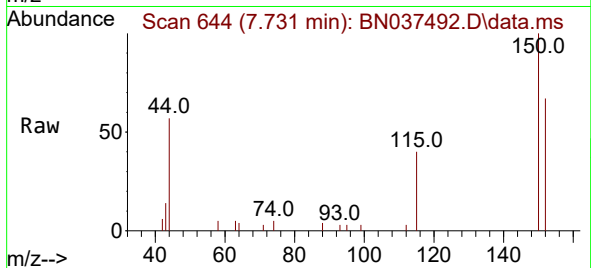
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jul 11 15:38:34 2025  
Response via : Initial Calibration



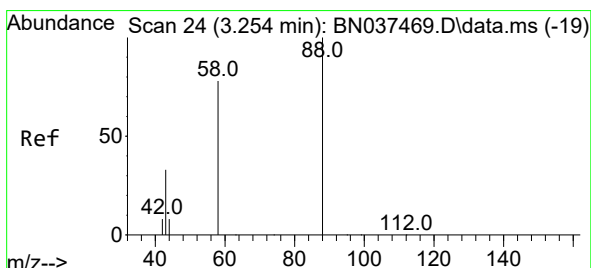
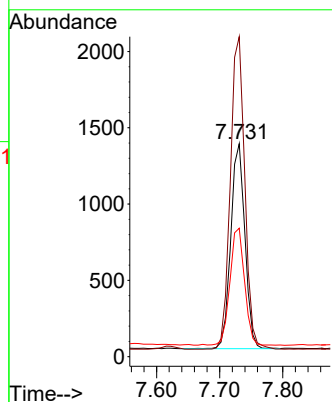
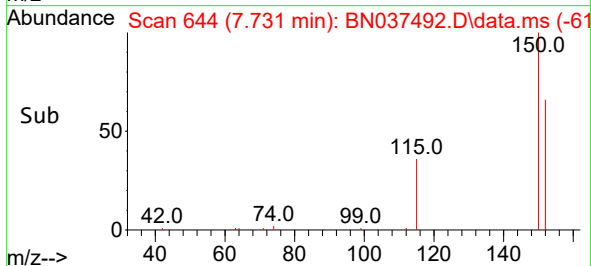


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.731 min Scan# 64  
 Delta R.T. -0.001 min  
 Lab File: BN037492.D  
 Acq: 14 Jul 2025 15:34

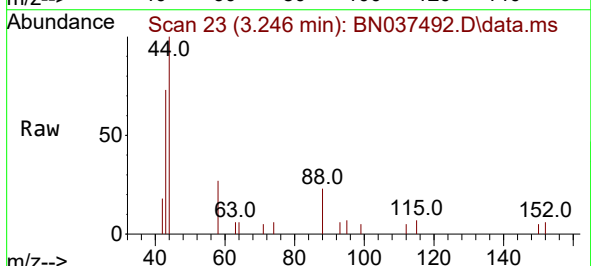
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 ClientSampleId :  
 WC-URBAN-FILL-B2MSD



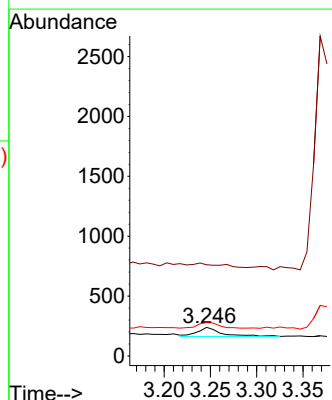
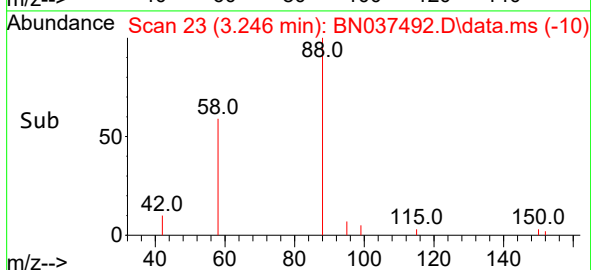
Tgt Ion:152 Resp: 2101  
 Ion Ratio Lower Upper  
 152 100  
 150 150.2 122.5 183.7  
 115 60.3 49.9 74.9

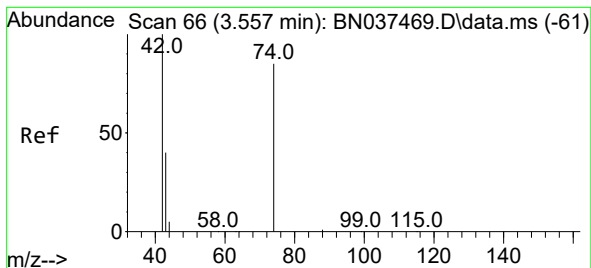


#2  
 1,4-Dioxane  
 Concen: 0.070 ng  
 RT: 3.246 min Scan# 23  
 Delta R.T. -0.008 min  
 Lab File: BN037492.D  
 Acq: 14 Jul 2025 15:34



Tgt Ion: 88 Resp: 139  
 Ion Ratio Lower Upper  
 88 100  
 43 0.0 30.7 46.1#  
 58 51.8 65.0 97.4#

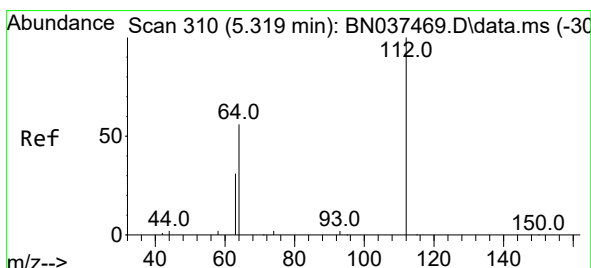
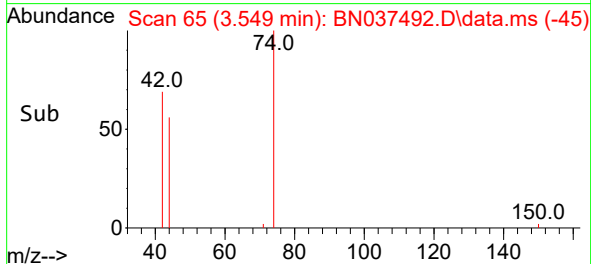
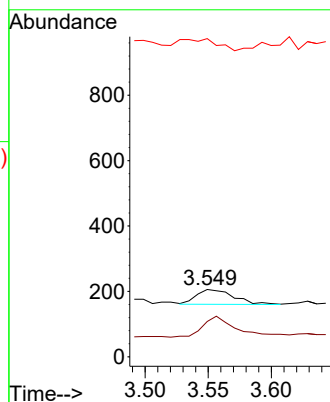
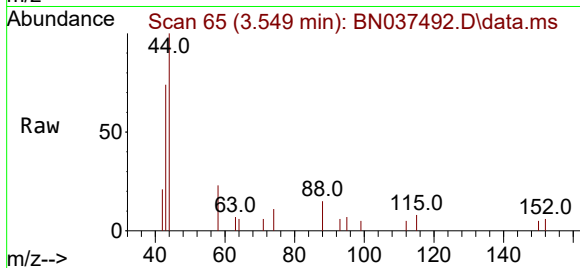




#3  
n-Nitrosodimethylamine  
Concen: 0.035 ng  
RT: 3.549 min Scan# 61  
Delta R.T. -0.008 min  
Lab File: BN037492.D  
Acq: 14 Jul 2025 15:34

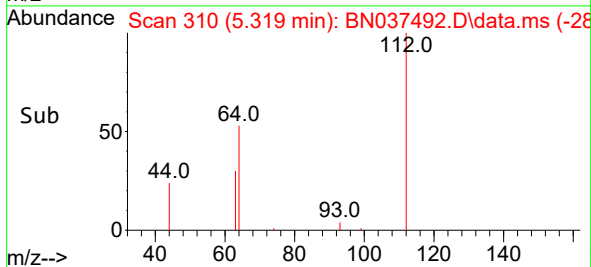
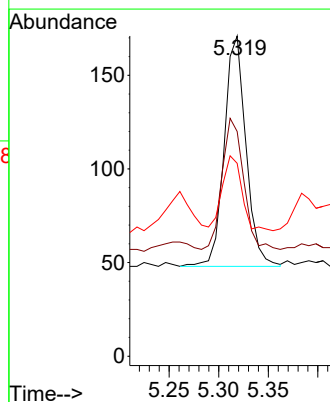
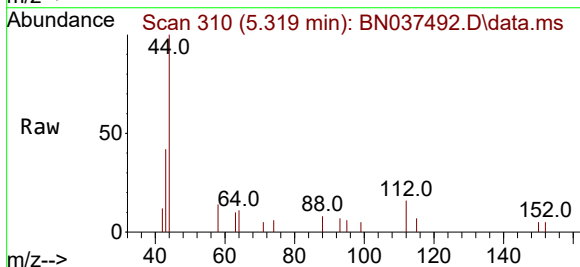
Instrument :  
BNA\_N  
ClientSampleId :  
WC-URBAN-FILL-B2MSD

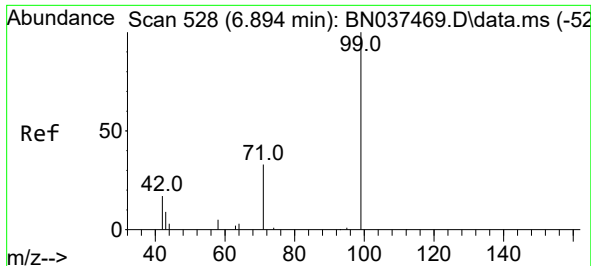
Tgt Ion: 42 Resp: 93  
Ion Ratio Lower Upper  
42 100  
74 129.0 74.9 112.3#  
44 78.5 7.2 10.8#



#4  
2-Fluorophenol  
Concen: 0.038 ng  
RT: 5.319 min Scan# 310  
Delta R.T. -0.001 min  
Lab File: BN037492.D  
Acq: 14 Jul 2025 15:34

Tgt Ion: 112 Resp: 188  
Ion Ratio Lower Upper  
112 100  
64 55.9 45.4 68.0  
63 31.4 24.7 37.1

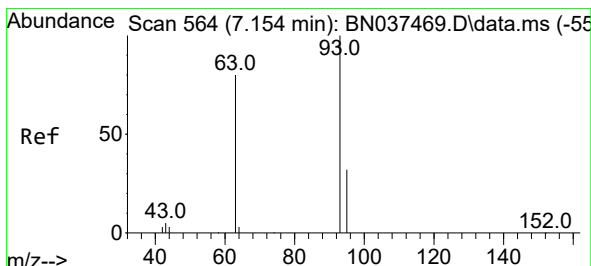
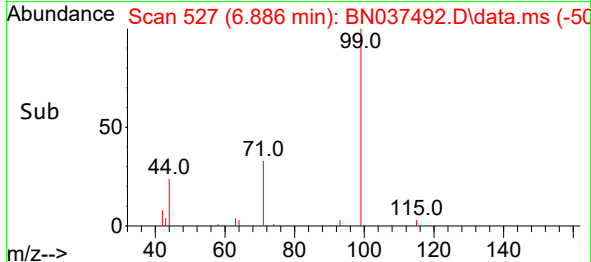
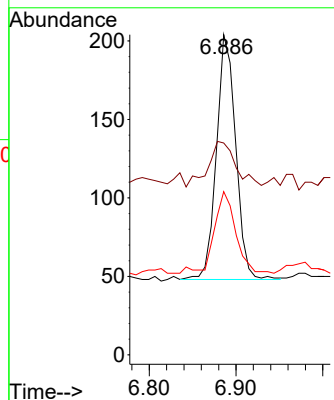
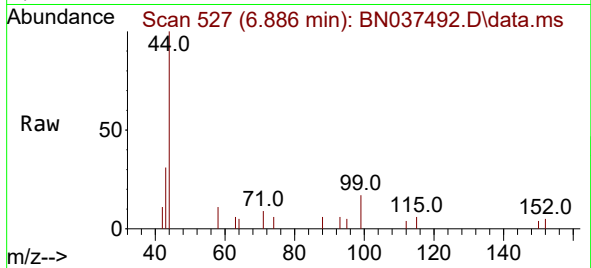




#5  
Phenol-d6  
Concen: 0.039 ng  
RT: 6.886 min Scan# 51  
Delta R.T. -0.008 min  
Lab File: BN037492.D  
Acq: 14 Jul 2025 15:34

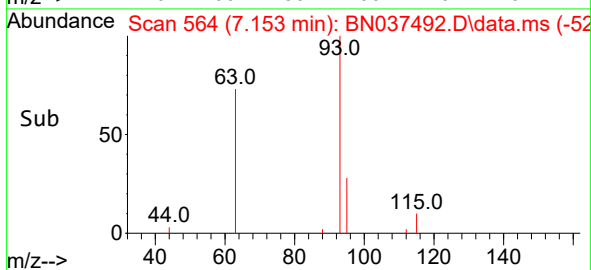
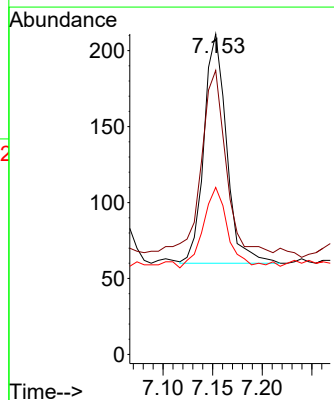
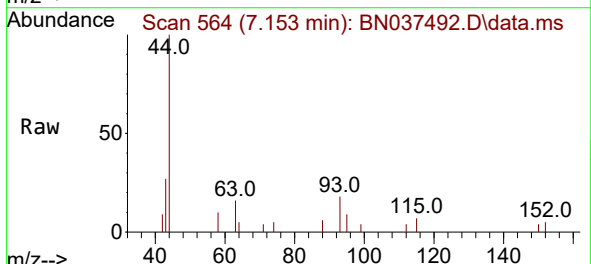
Instrument :  
BNA\_N  
ClientSampleId :  
WC-URBAN-FILL-B2MSD

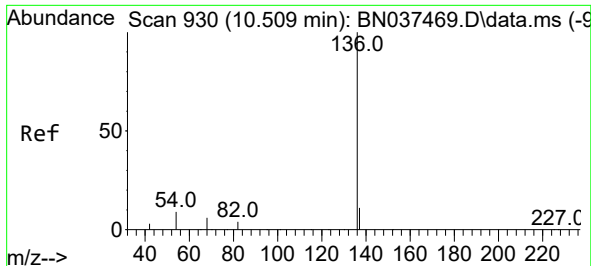
Tgt Ion: 99 Resp: 241  
Ion Ratio Lower Upper  
99 100  
42 26.6 19.5 29.3  
71 36.5 29.4 44.2



#6  
bis(2-Chloroethyl)ether  
Concen: 0.047 ng  
RT: 7.153 min Scan# 564  
Delta R.T. -0.001 min  
Lab File: BN037492.D  
Acq: 14 Jul 2025 15:34

Tgt Ion: 93 Resp: 240  
Ion Ratio Lower Upper  
93 100  
63 85.0 60.8 91.2  
95 38.3 25.6 38.4

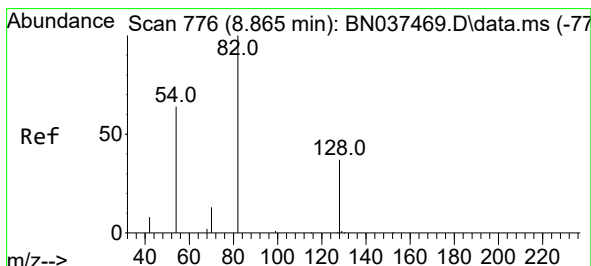
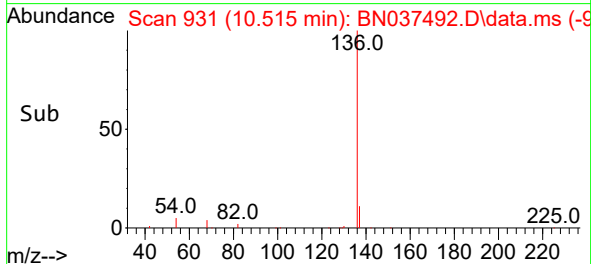
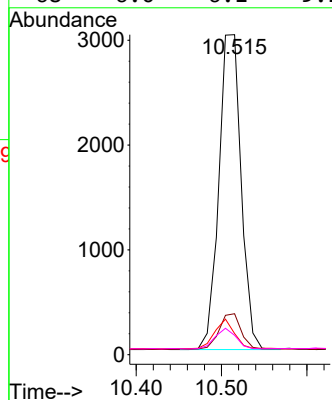
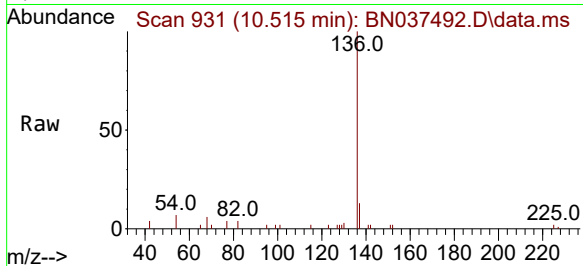




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.515 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: BN037492.D  
Acq: 14 Jul 2025 15:34

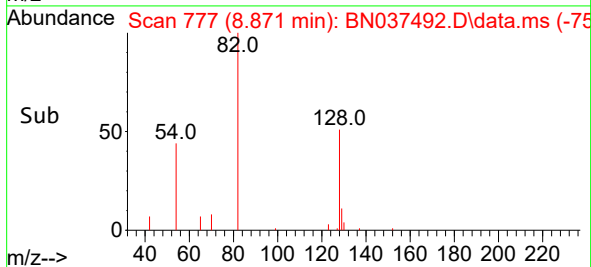
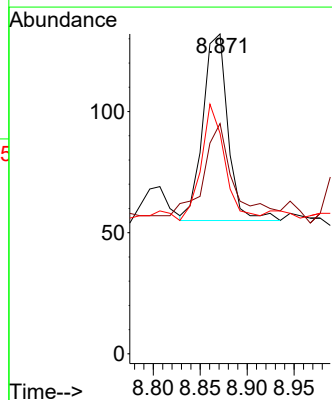
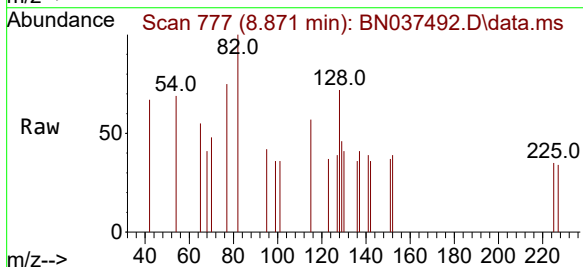
Instrument :  
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ClientSampleId :  
WC-URBAN-FILL-B2MSD

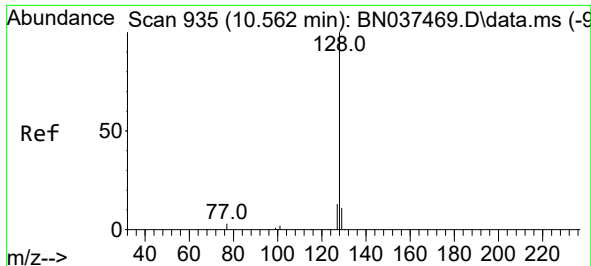
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|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 5450  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 12.8  | 10.0  | 15.0  |
| 54       | 6.6   | 9.0   | 13.6# |
| 68       | 6.0   | 6.1   | 9.1#  |



#8  
Nitrobenzene-d5  
Concen: 0.036 ng  
RT: 8.871 min Scan# 777  
Delta R.T. 0.006 min  
Lab File: BN037492.D  
Acq: 14 Jul 2025 15:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 143   |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 72.0  | 33.1  | 49.7# |
| 54       | 68.9  | 53.0  | 79.4  |

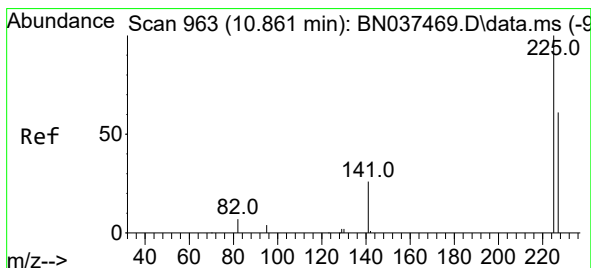
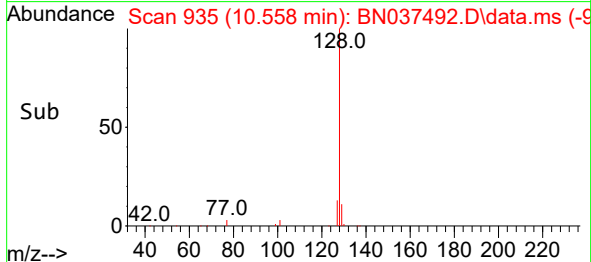
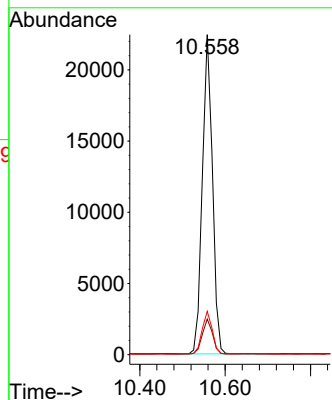
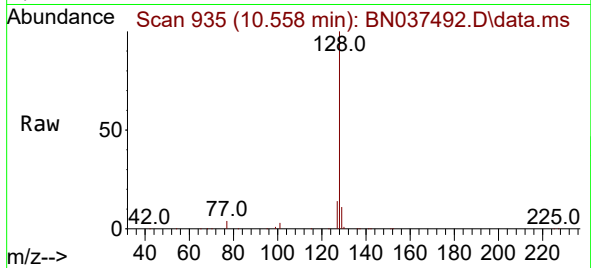




#9  
Naphthalene  
Concen: 2.510 ng  
RT: 10.558 min Scan# 91  
Delta R.T. -0.004 min  
Lab File: BN037492.D  
Acq: 14 Jul 2025 15:34

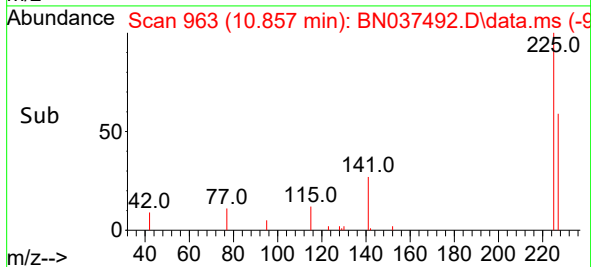
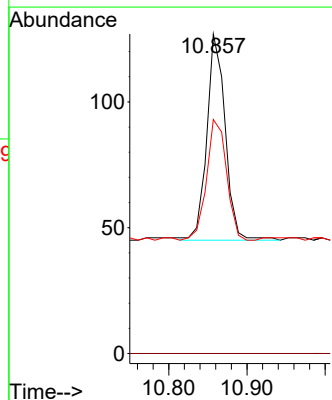
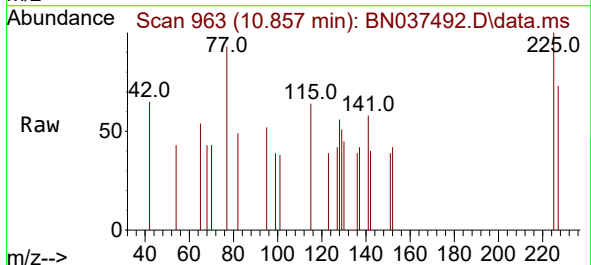
Instrument :  
BNA\_N  
ClientSampleId :  
WC-URBAN-FILL-B2MSD

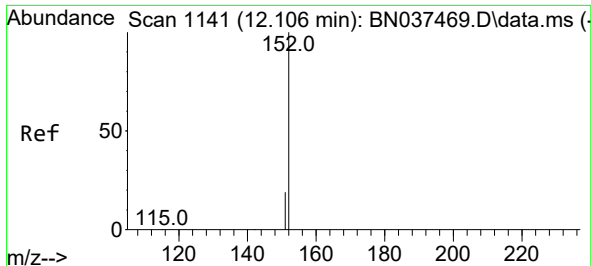
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Ion Ratio Lower Upper  
128 100  
129 11.1 10.2 15.2  
127 13.6 11.8 17.6



#10  
Hexachlorobutadiene  
Concen: 0.038 ng  
RT: 10.857 min Scan# 963  
Delta R.T. -0.004 min  
Lab File: BN037492.D  
Acq: 14 Jul 2025 15:34

Tgt Ion:225 Resp: 134  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 64.9 51.4 77.2

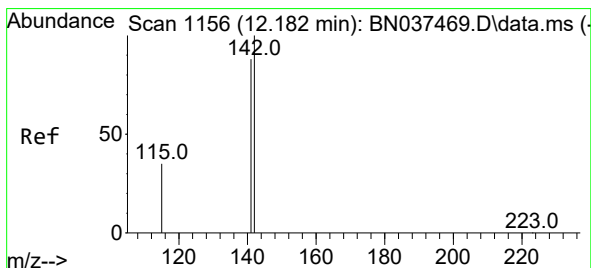
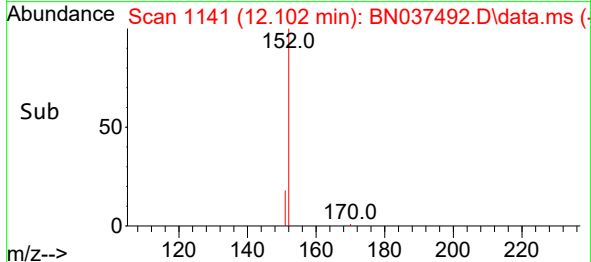
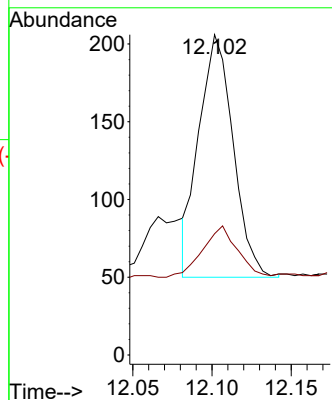
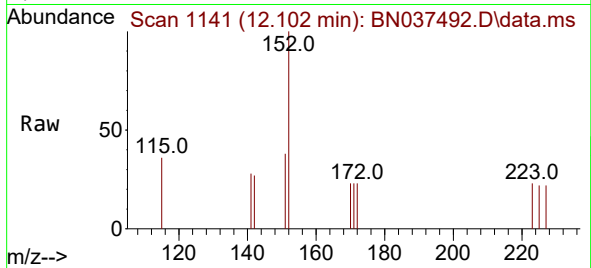




#11  
2-Methylnaphthalene-d10  
Concen: 0.032 ng m  
RT: 12.102 min Scan# 1141  
Delta R.T. -0.004 min  
Lab File: BN037492.D  
Acq: 14 Jul 2025 15:34

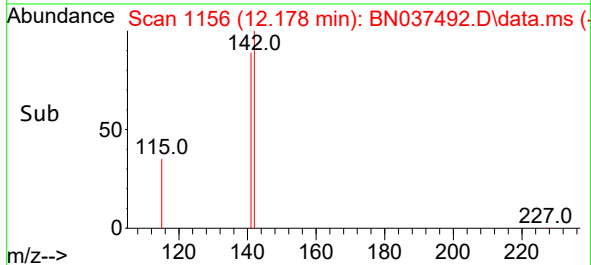
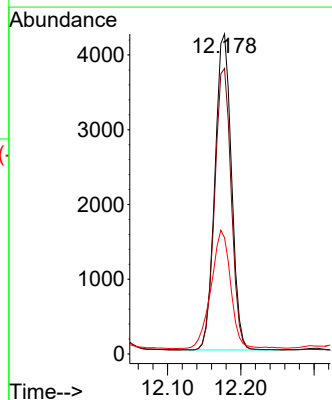
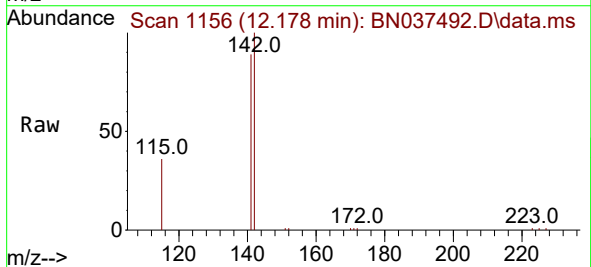
Instrument :  
BNA\_N  
ClientSampleId :  
WC-URBAN-FILL-B2MSD

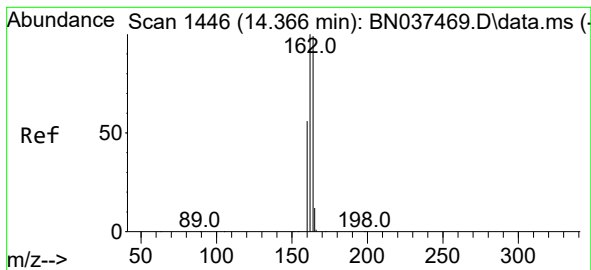
Tgt Ion:152 Resp: 235  
Ion Ratio Lower Upper  
152 100  
151 21.7 17.0 25.6



#12  
2-Methylnaphthalene  
Concen: 0.723 ng  
RT: 12.178 min Scan# 1156  
Delta R.T. -0.004 min  
Lab File: BN037492.D  
Acq: 14 Jul 2025 15:34

Tgt Ion:142 Resp: 6632  
Ion Ratio Lower Upper  
142 100  
141 89.3 70.6 105.8  
115 36.4 30.0 45.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.362 min Scan# 1446

Delta R.T. -0.004 min

Lab File: BN037492.D

Acq: 14 Jul 2025 15:34

Instrument :

BNA\_N

ClientSampleId :

WC-URBAN-FILL-B2MSD

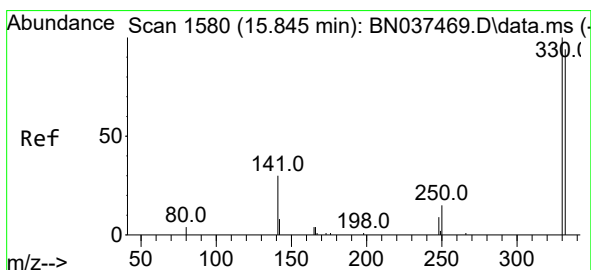
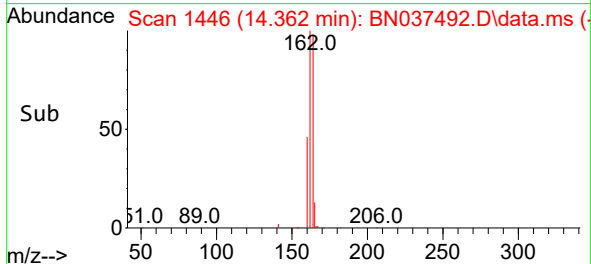
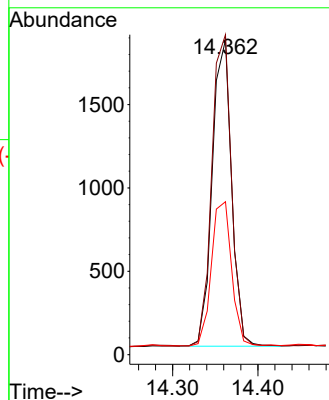
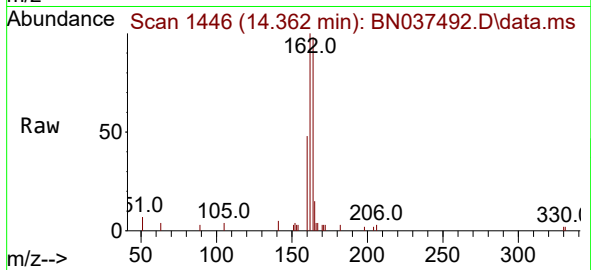
Tgt Ion:164 Resp: 2896

Ion Ratio Lower Upper

164 100

162 101.6 81.1 121.7

160 48.6 46.5 69.7



#14

2,4,6-Tribromophenol

Concen: 0.051 ng

RT: 15.841 min Scan# 1580

Delta R.T. -0.004 min

Lab File: BN037492.D

Acq: 14 Jul 2025 15:34

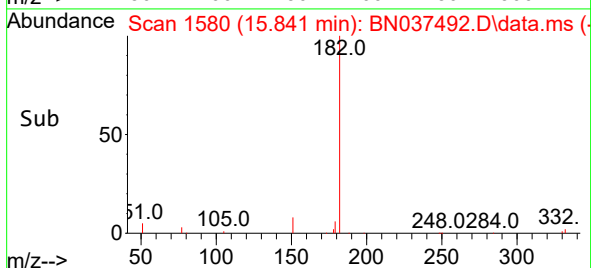
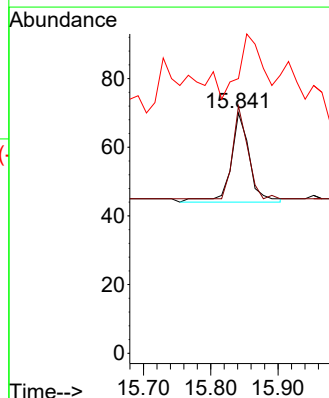
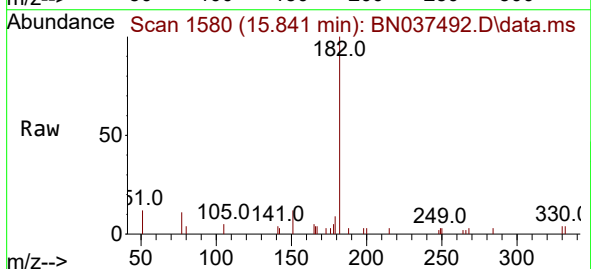
Tgt Ion:330 Resp: 50

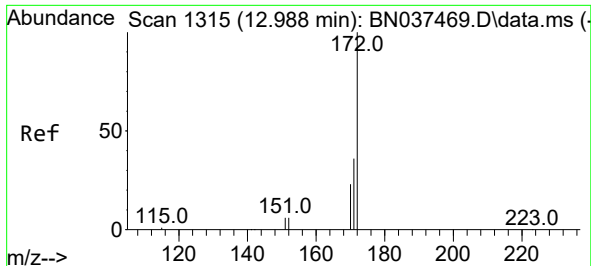
Ion Ratio Lower Upper

330 100

332 84.0 82.0 123.0

141 88.0 36.2 54.2#

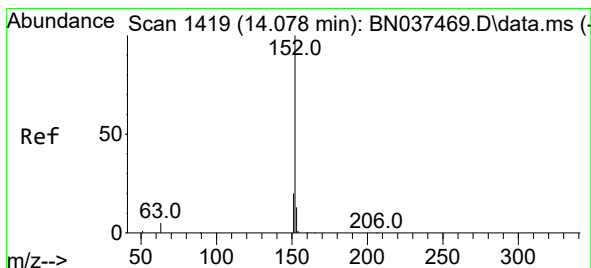
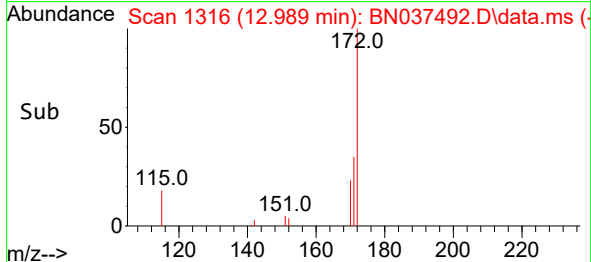
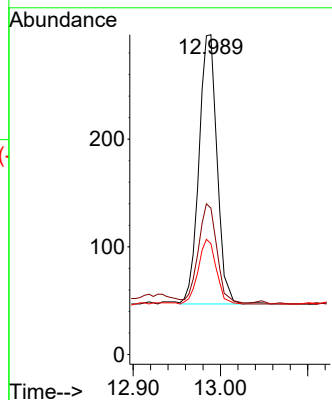
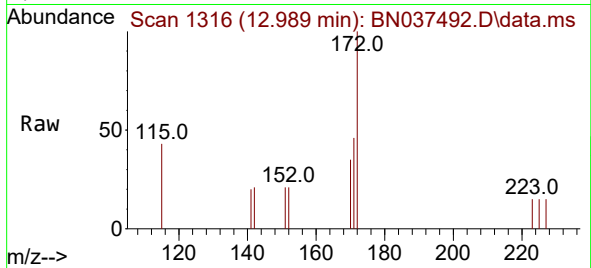




#15  
2-Fluorobiphenyl  
Concen: 0.030 ng  
RT: 12.989 min Scan# 1316  
Delta R.T. 0.001 min  
Lab File: BN037492.D  
Acq: 14 Jul 2025 15:34

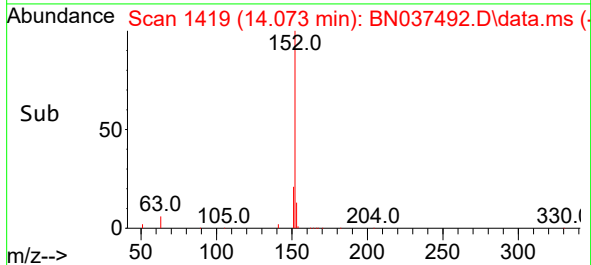
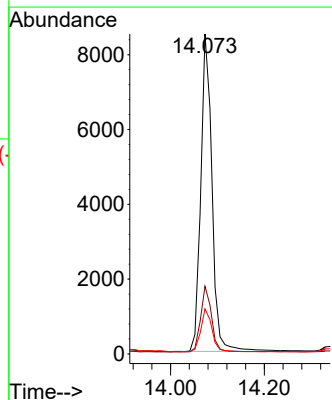
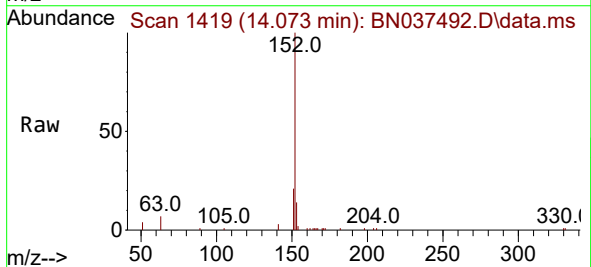
Instrument :  
BNA\_N  
ClientSampleId :  
WC-URBAN-FILL-B2MSD

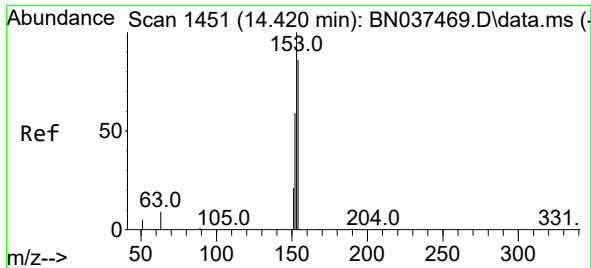
Tgt Ion:172 Resp: 499  
Ion Ratio Lower Upper  
172 100  
171 45.8 29.8 44.8#  
170 34.7 20.0 30.0#



#16  
Acenaphthylene  
Concen: 1.068 ng  
RT: 14.073 min Scan# 1419  
Delta R.T. -0.004 min  
Lab File: BN037492.D  
Acq: 14 Jul 2025 15:34

Tgt Ion:152 Resp: 14101  
Ion Ratio Lower Upper  
152 100  
151 20.3 16.4 24.6  
153 13.4 10.6 15.8

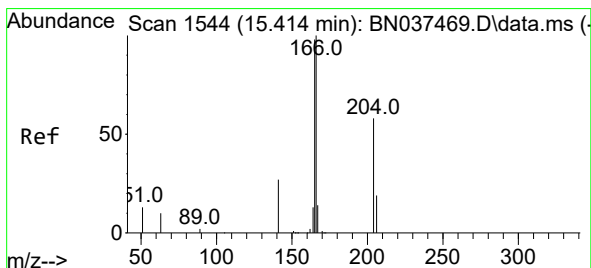
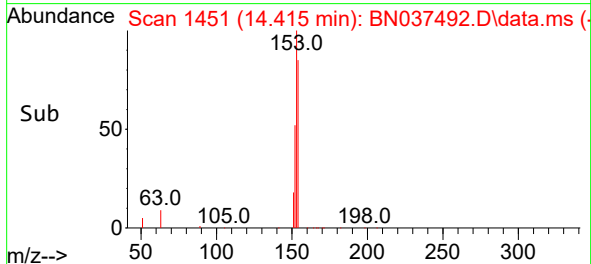
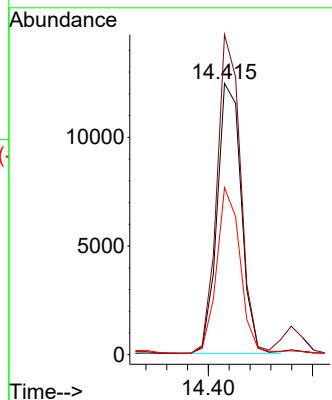
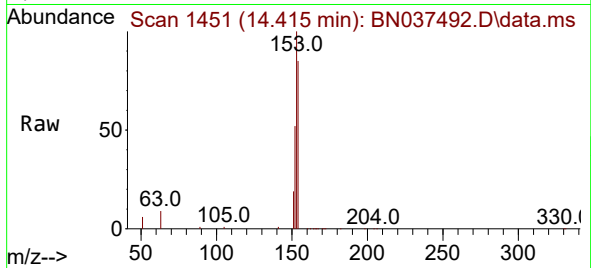




#17  
Acenaphthene  
Concen: 2.260 ng  
RT: 14.415 min Scan# 1451  
Delta R.T. -0.004 min  
Lab File: BN037492.D  
Acq: 14 Jul 2025 15:34

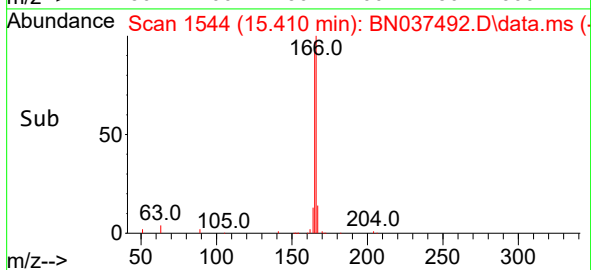
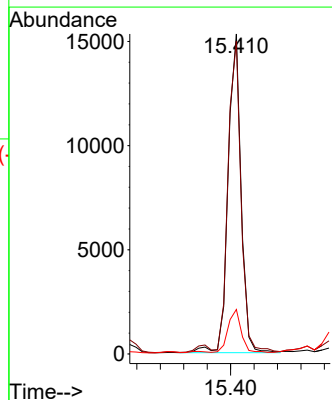
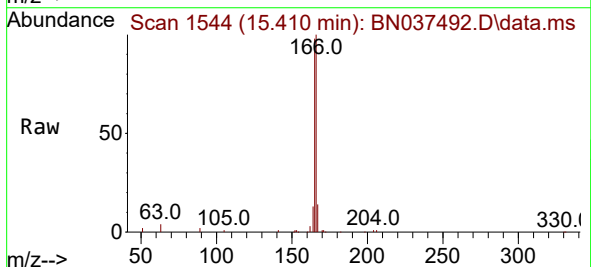
Instrument :  
BNA\_N  
ClientSampleId :  
WC-URBAN-FILL-B2MSD

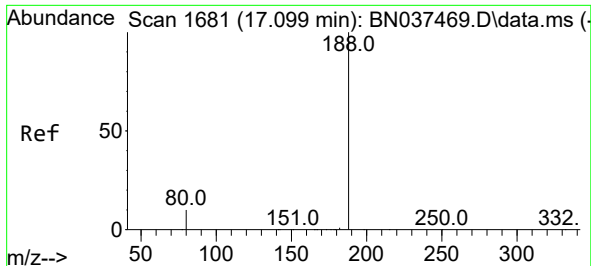
Tgt Ion:154 Resp: 20024  
Ion Ratio Lower Upper  
154 100  
153 114.8 89.4 134.0  
152 59.9 53.2 79.8



#18  
Fluorene  
Concen: 2.099 ng  
RT: 15.410 min Scan# 1544  
Delta R.T. -0.004 min  
Lab File: BN037492.D  
Acq: 14 Jul 2025 15:34

Tgt Ion:166 Resp: 23372  
Ion Ratio Lower Upper  
166 100  
165 97.3 79.4 119.2  
167 13.7 10.6 15.8

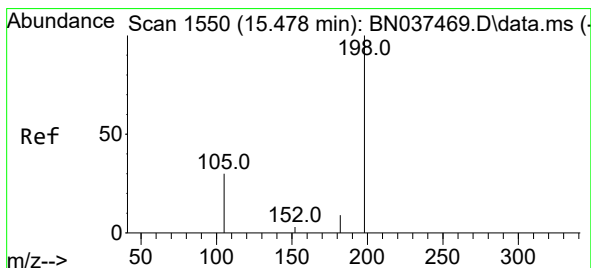
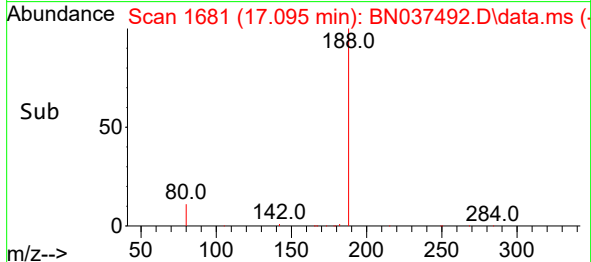
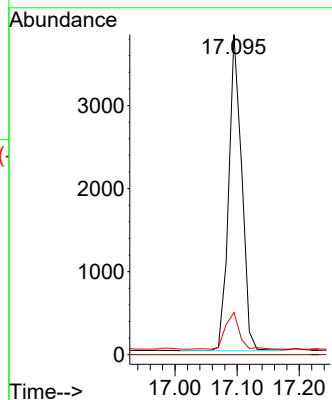
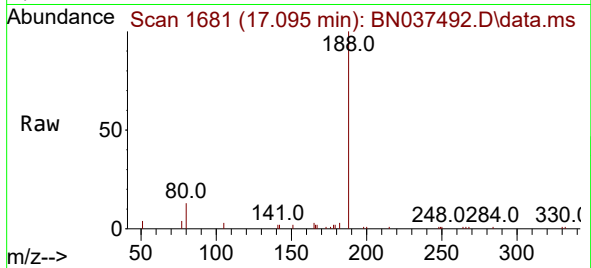




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.095 min Scan# 1  
Delta R.T. -0.004 min  
Lab File: BN037492.D  
Acq: 14 Jul 2025 15:34

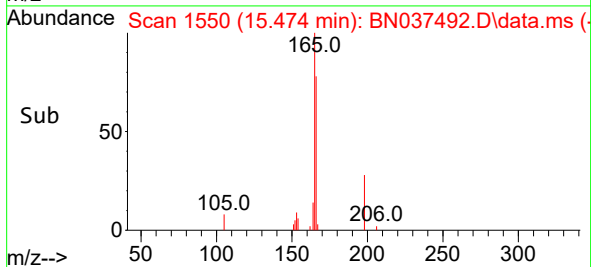
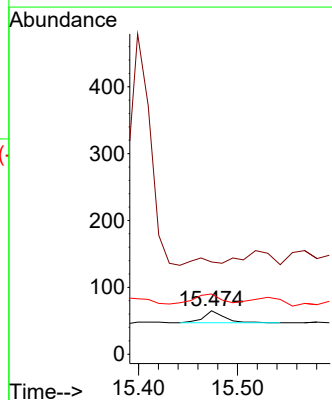
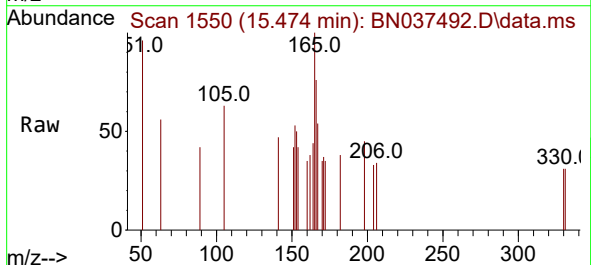
Instrument :  
BNA\_N  
ClientSampleId :  
WC-URBAN-FILL-B2MSD

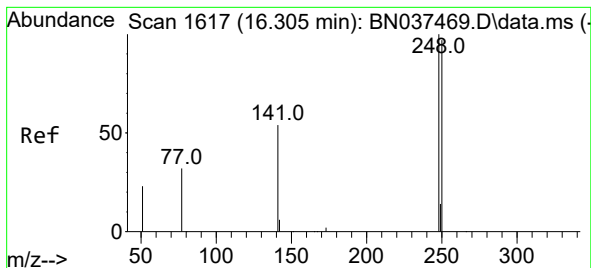
Tgt Ion:188 Resp: 5508  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 13.2 9.3 13.9



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.044 ng  
RT: 15.474 min Scan# 1550  
Delta R.T. -0.004 min  
Lab File: BN037492.D  
Acq: 14 Jul 2025 15:34

Tgt Ion:198 Resp: 27  
Ion Ratio Lower Upper  
198 100  
51 212.3 86.0 129.0#  
105 138.5 53.0 79.4#

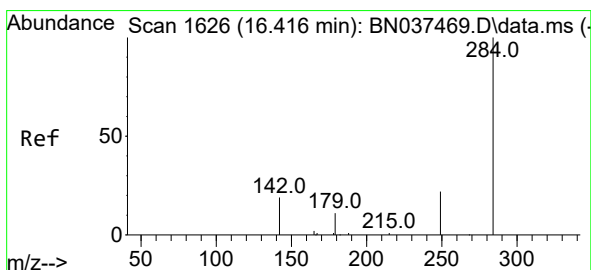
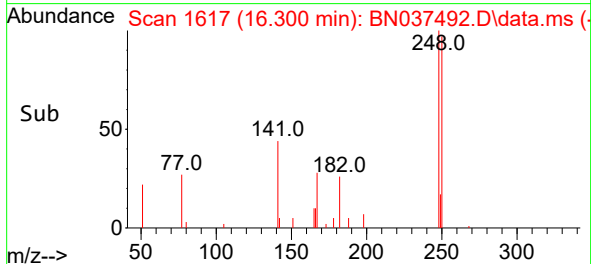
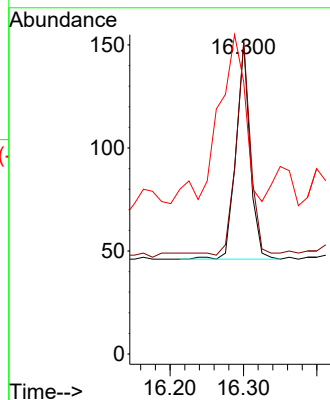
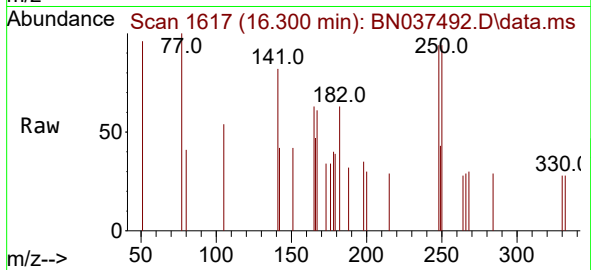




#21  
4-Bromophenyl-phenylether  
Concen: 0.041 ng  
RT: 16.300 min Scan# 1617  
Delta R.T. -0.004 min  
Lab File: BN037492.D  
Acq: 14 Jul 2025 15:34

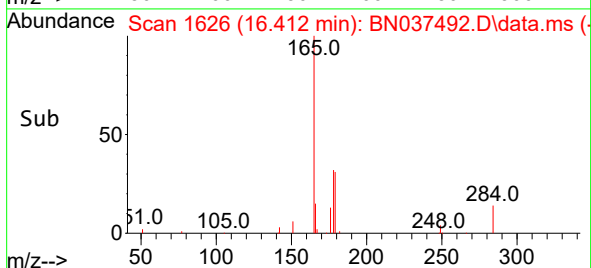
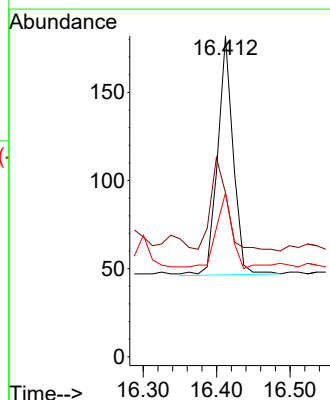
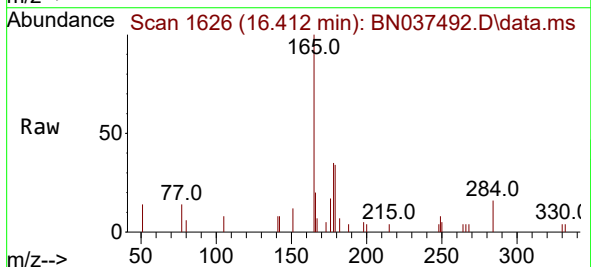
Instrument :  
BNA\_N  
ClientSampleId :  
WC-URBAN-FILL-B2MSD

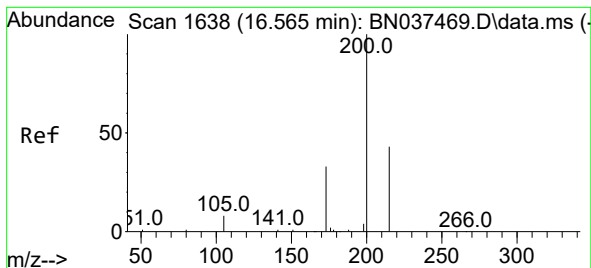
Tgt Ion:248 Resp: 140  
Ion Ratio Lower Upper  
248 100  
250 100.7 77.8 116.6  
141 87.4 45.9 68.9#



#22  
Hexachlorobenzene  
Concen: 0.042 ng  
RT: 16.412 min Scan# 1626  
Delta R.T. -0.004 min  
Lab File: BN037492.D  
Acq: 14 Jul 2025 15:34

Tgt Ion:284 Resp: 199  
Ion Ratio Lower Upper  
284 100  
142 41.2 31.3 46.9  
249 32.2 26.6 40.0





#23

Atrazine

Concen: 0.061 ng

RT: 16.561 min Scan# 1638

Delta R.T. -0.004 min

Lab File: BN037492.D

Acq: 14 Jul 2025 15:34

Instrument :

BNA\_N

ClientSampleId :

WC-URBAN-FILL-B2MSD

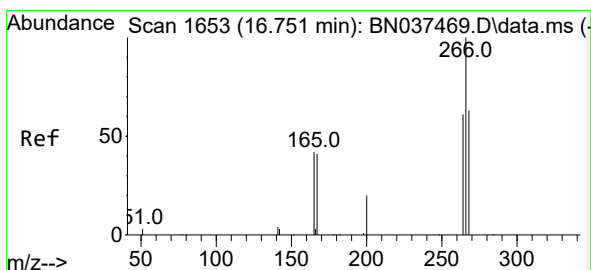
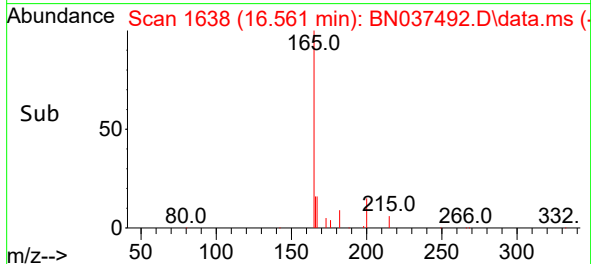
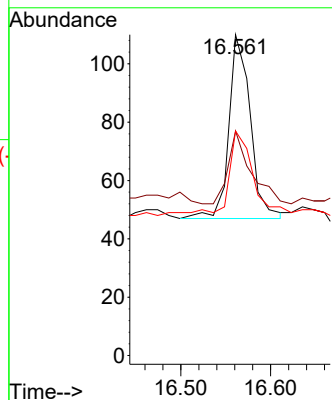
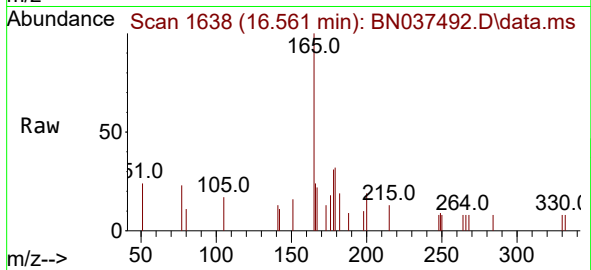
Tgt Ion:200 Resp: 104

Ion Ratio Lower Upper

200 100

173 70.0 34.3 51.5#

215 70.0 41.6 62.4#



#24

Pentachlorophenol

Concen: 0.101 ng

RT: 16.747 min Scan# 1653

Delta R.T. -0.004 min

Lab File: BN037492.D

Acq: 14 Jul 2025 15:34

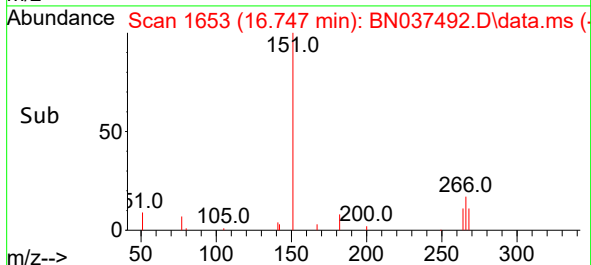
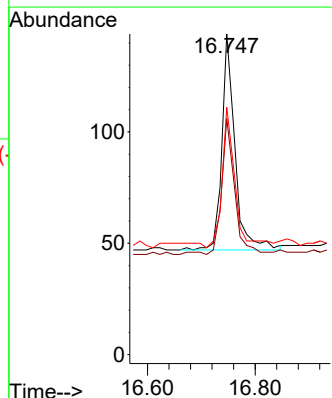
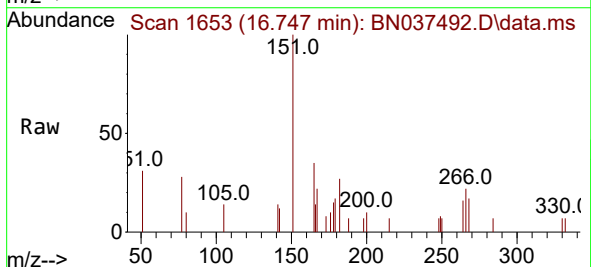
Tgt Ion:266 Resp: 165

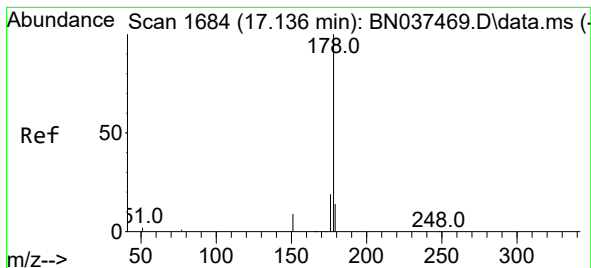
Ion Ratio Lower Upper

266 100

264 61.2 47.5 71.3

268 64.2 50.6 76.0





#25

Phenanthrene

Concen: 15.683 ng

RT: 17.144 min Scan# 1685

Delta R.T. 0.008 min

Lab File: BN037492.D

Acq: 14 Jul 2025 15:34

Instrument :

BNA\_N

ClientSampleId :

WC-URBAN-FILL-B2MSD

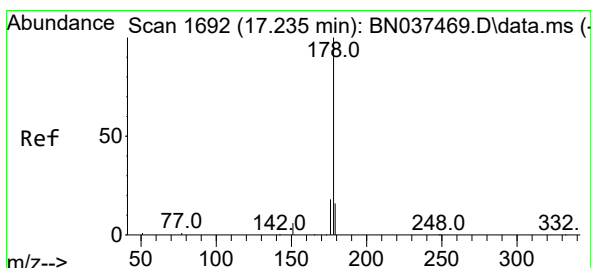
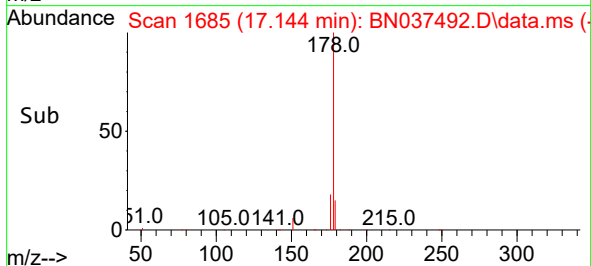
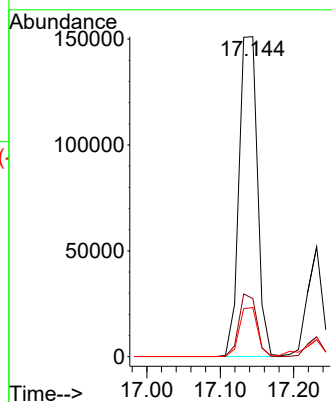
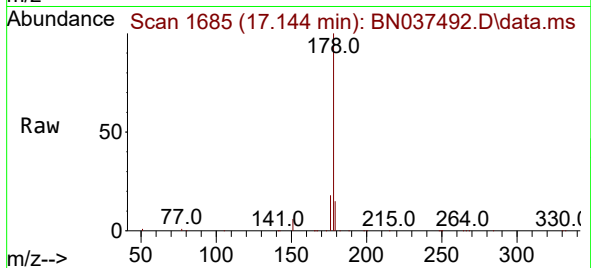
Tgt Ion:178 Resp: 263023

Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

179 15.4 12.2 18.2



#26

Anthracene

Concen: 4.889 ng m

RT: 17.231 min Scan# 1692

Delta R.T. -0.004 min

Lab File: BN037492.D

Acq: 14 Jul 2025 15:34

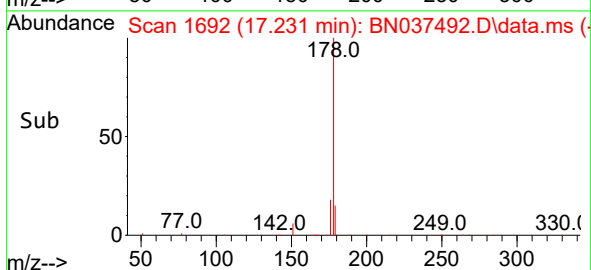
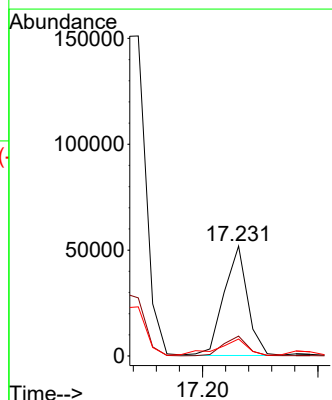
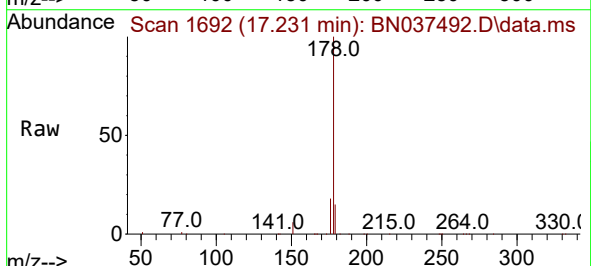
Tgt Ion:178 Resp: 73995

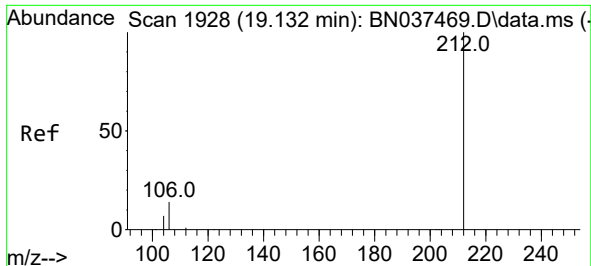
Ion Ratio Lower Upper

178 100

176 67.1 14.9 22.3#

179 54.6 12.3 18.5#

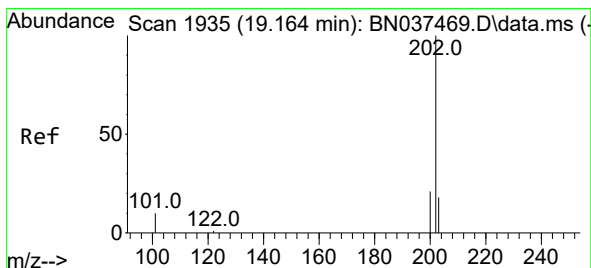
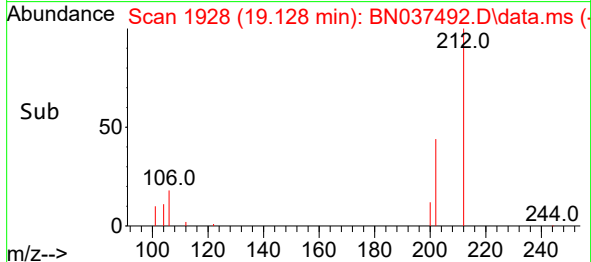
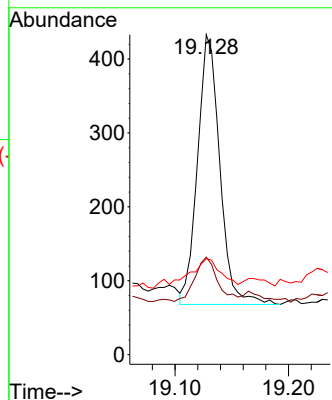
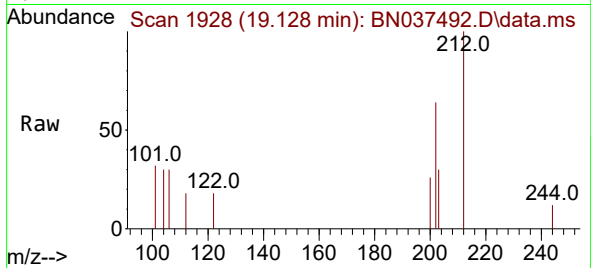




#27  
Fluoranthene-d10  
Concen: 0.036 ng  
RT: 19.128 min Scan# 1928  
Delta R.T. -0.004 min  
Lab File: BN037492.D  
Acq: 14 Jul 2025 15:34

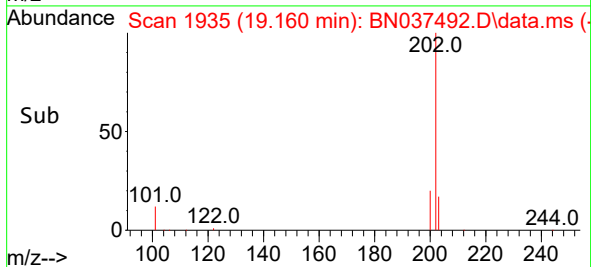
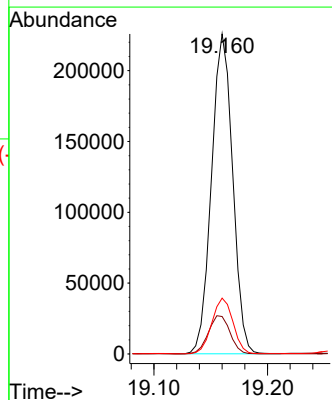
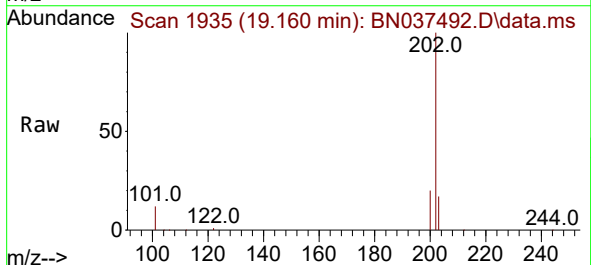
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BNA\_N  
ClientSampleId :  
WC-URBAN-FILL-B2MSD

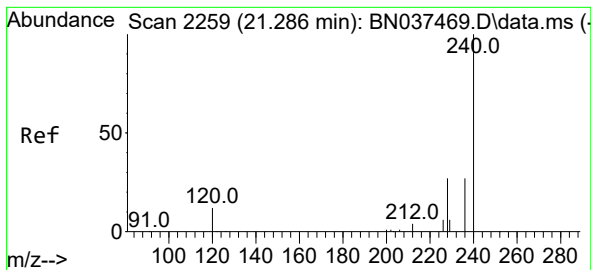
Tgt Ion:212 Resp: 496  
Ion Ratio Lower Upper  
212 100  
106 16.5 11.7 17.5  
104 11.7 6.6 10.0#



#28  
Fluoranthene  
Concen: 15.887 ng  
RT: 19.160 min Scan# 1935  
Delta R.T. -0.004 min  
Lab File: BN037492.D  
Acq: 14 Jul 2025 15:34

Tgt Ion:202 Resp: 292394  
Ion Ratio Lower Upper  
202 100  
101 12.2 9.2 13.8  
203 17.3 14.0 21.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.286 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN037492.D

Acq: 14 Jul 2025 15:34

Instrument :

BNA\_N

ClientSampleId :

WC-URBAN-FILL-B2MSD

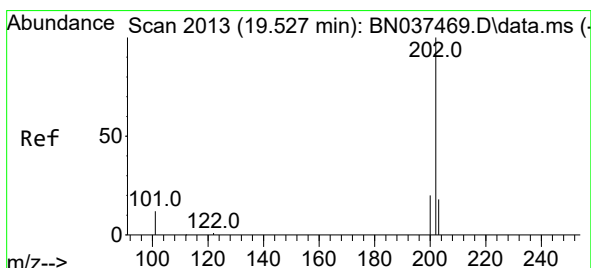
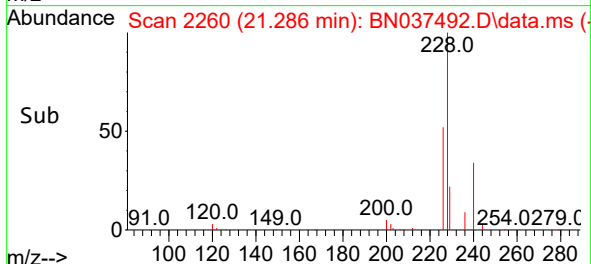
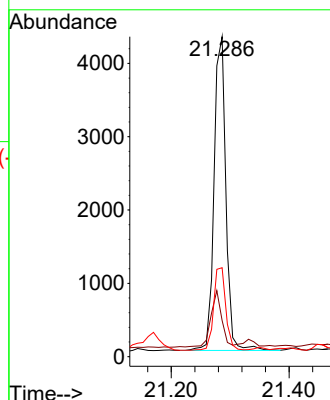
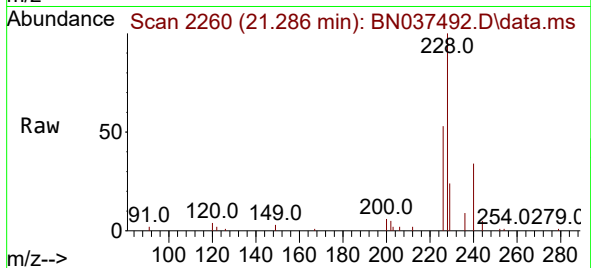
Tgt Ion:240 Resp: 5967

Ion Ratio Lower Upper

240 100

120 11.3 12.4 18.6#

236 27.8 22.9 34.3



#30

Pyrene

Concen: 10.916 ng

RT: 19.522 min Scan# 2013

Delta R.T. -0.004 min

Lab File: BN037492.D

Acq: 14 Jul 2025 15:34

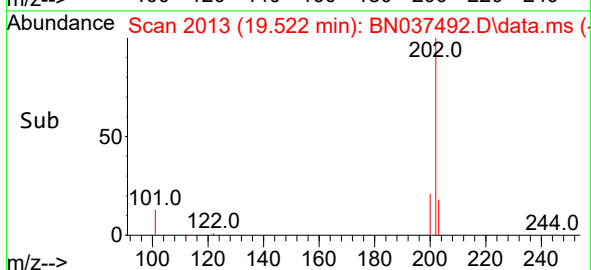
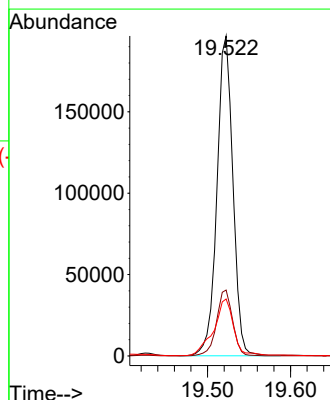
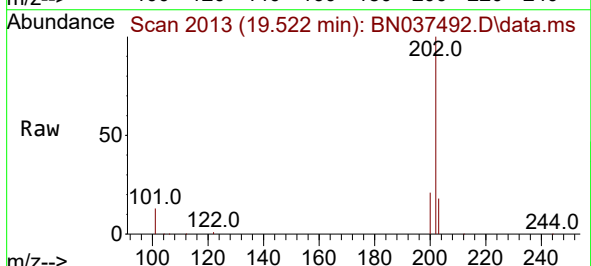
Tgt Ion:202 Resp: 261878

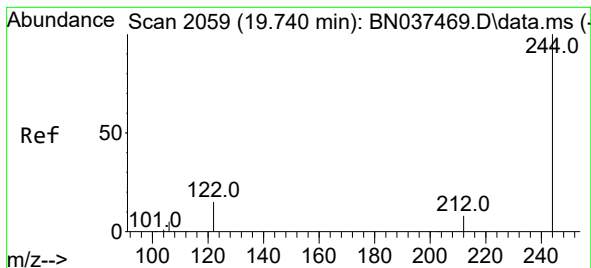
Ion Ratio Lower Upper

202 100

200 20.8 16.4 24.6

203 22.4 14.3 21.5#





#31

Terphenyl-d14

Concen: 0.037 ng

RT: 19.731 min Scan# 2058

Delta R.T. -0.009 min

Lab File: BN037492.D

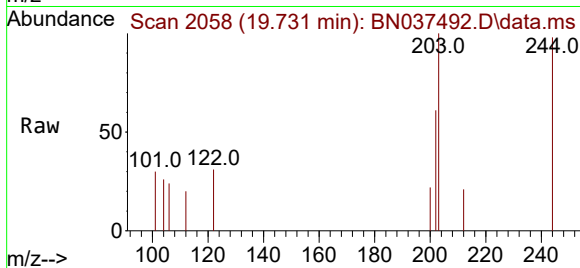
Acq: 14 Jul 2025 15:34

Instrument :

BNA\_N

ClientSampleId :

WC-URBAN-FILL-B2MSD



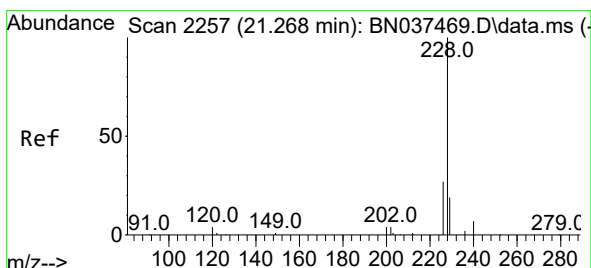
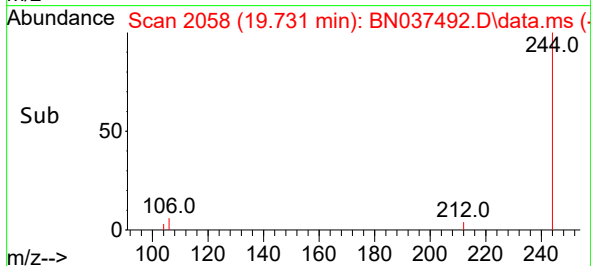
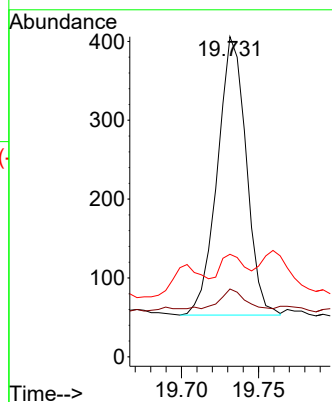
Tgt Ion:244 Resp: 459

Ion Ratio Lower Upper

244 100

212 21.2 8.7 13.1#

122 32.0 14.1 21.1#



#32

Benzo(a)anthracene

Concen: 6.487 ng

RT: 21.268 min Scan# 2258

Delta R.T. 0.000 min

Lab File: BN037492.D

Acq: 14 Jul 2025 15:34

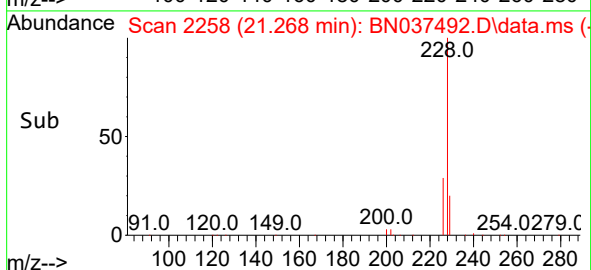
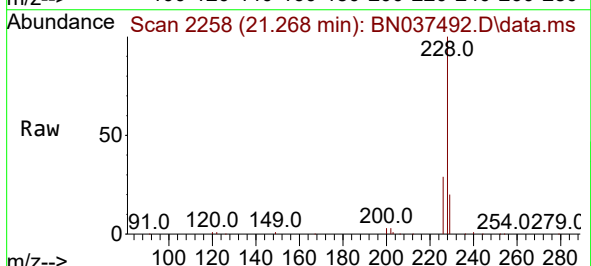
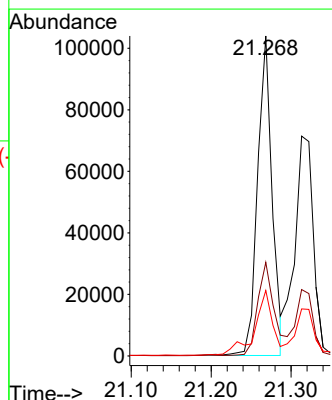
Tgt Ion:228 Resp: 131090

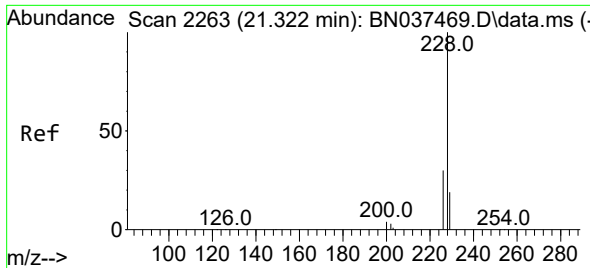
Ion Ratio Lower Upper

228 100

226 29.3 22.7 34.1

229 20.4 16.6 24.8





#33

Chrysene

Concen: 5.224 ng

RT: 21.313 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037492.D

Acq: 14 Jul 2025 15:34

Instrument :

BNA\_N

ClientSampleId :

WC-URBAN-FILL-B2MSD

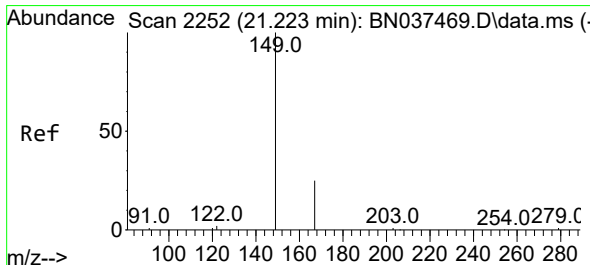
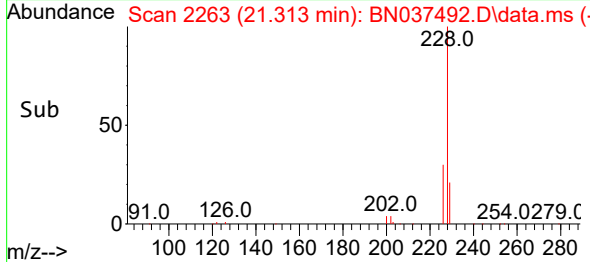
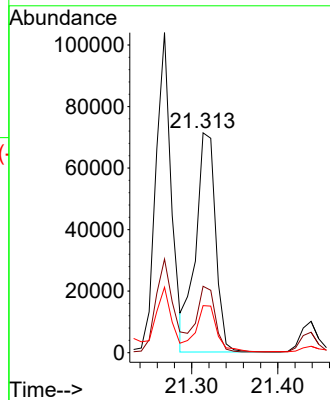
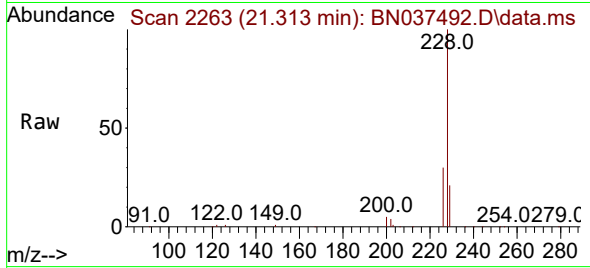
Tgt Ion:228 Resp: 115396

Ion Ratio Lower Upper

228 100

226 30.2 24.6 36.8

229 21.4 16.4 24.6



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.110 ng

RT: 21.224 min Scan# 2253

Delta R.T. 0.000 min

Lab File: BN037492.D

Acq: 14 Jul 2025 15:34

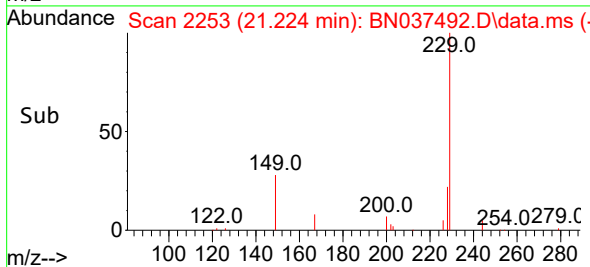
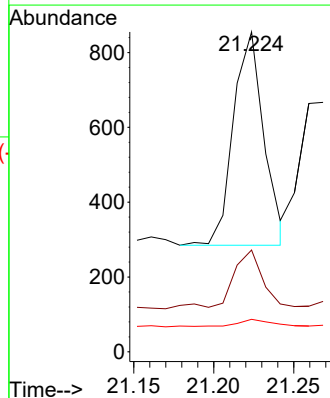
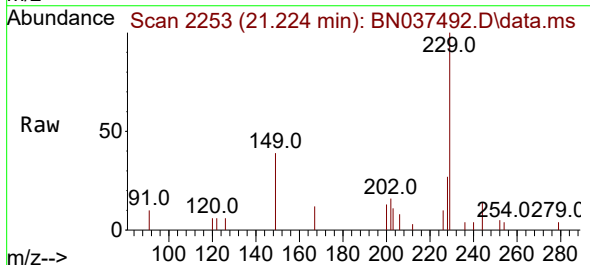
Tgt Ion:149 Resp: 754

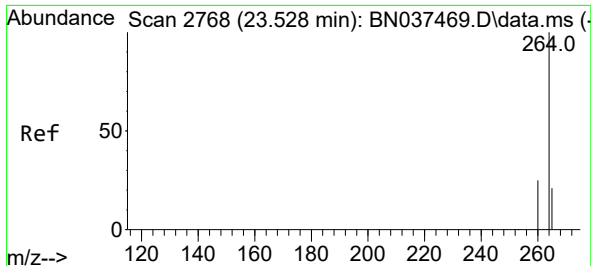
Ion Ratio Lower Upper

149 100

167 28.0 19.4 29.2

279 3.6 2.5 3.7

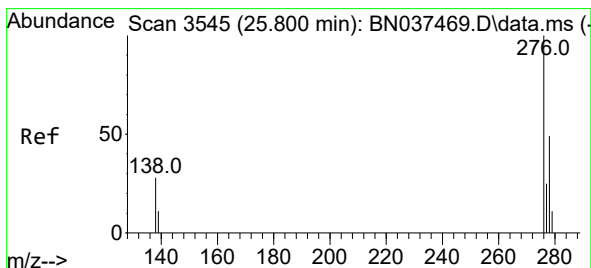
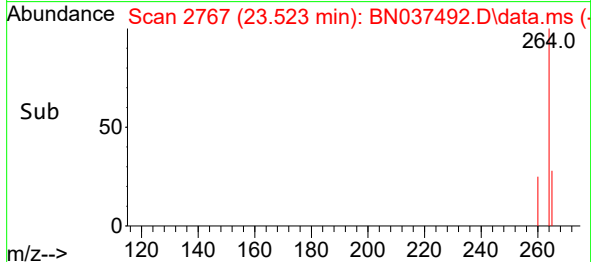
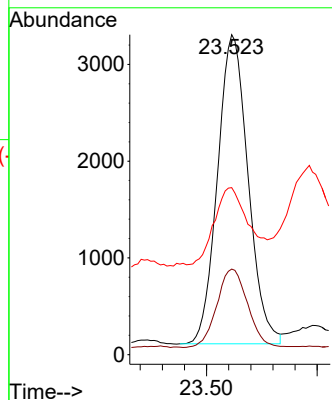
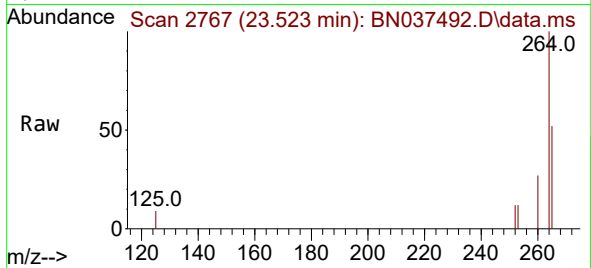




#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.523 min Scan# 21  
 Delta R.T. -0.005 min  
 Lab File: BN037492.D  
 Acq: 14 Jul 2025 15:34

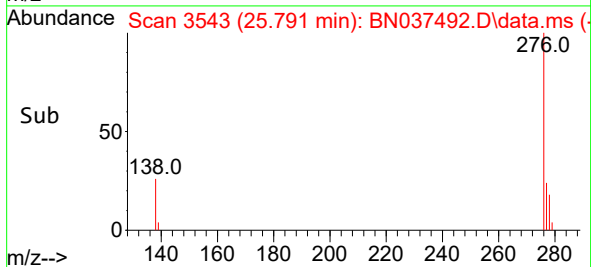
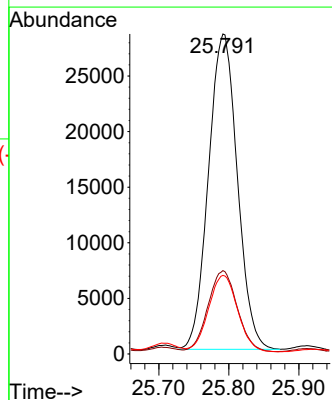
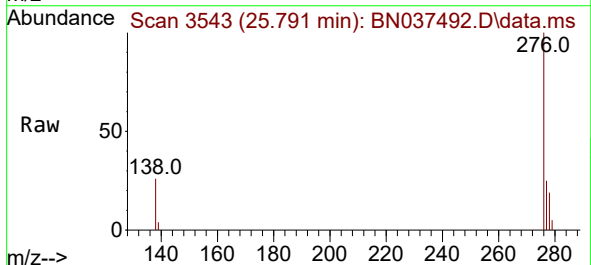
Instrument :  
 BNA\_N  
 ClientSampleId :  
 WC-URBAN-FILL-B2MSD

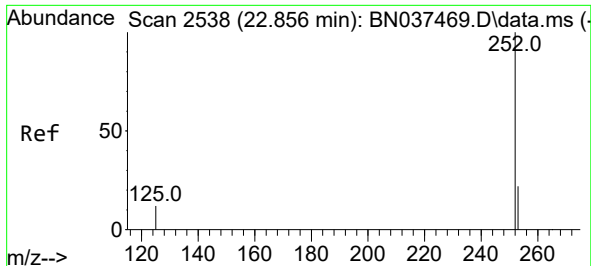
Tgt Ion:264 Resp: 6132  
 Ion Ratio Lower Upper  
 264 100  
 260 26.8 21.7 32.5  
 265 52.2 41.6 62.4



#36  
 Indeno(1,2,3-cd)pyrene  
 Concen: 3.411 ng  
 RT: 25.791 min Scan# 3543  
 Delta R.T. -0.008 min  
 Lab File: BN037492.D  
 Acq: 14 Jul 2025 15:34

Tgt Ion:276 Resp: 81186  
 Ion Ratio Lower Upper  
 276 100  
 138 26.8 23.4 35.2  
 277 24.6 19.8 29.8

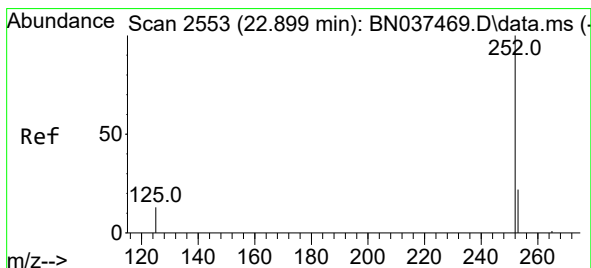
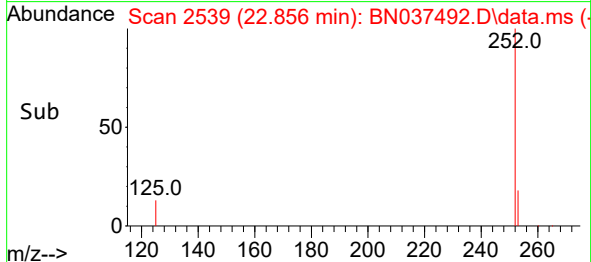
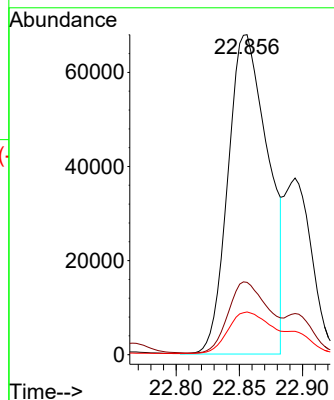
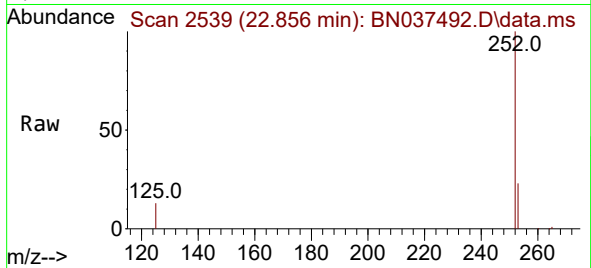




#37  
Benzo(b)fluoranthene  
Concen: 6.285 ng m  
RT: 22.856 min Scan# 2538  
Delta R.T. 0.000 min  
Lab File: BN037492.D  
Acq: 14 Jul 2025 15:34

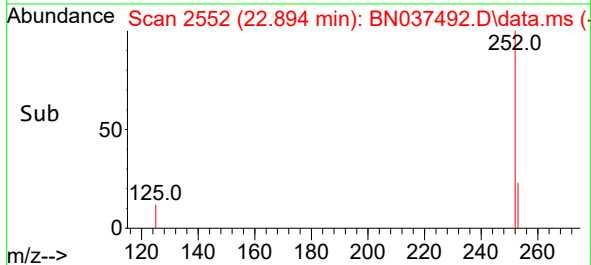
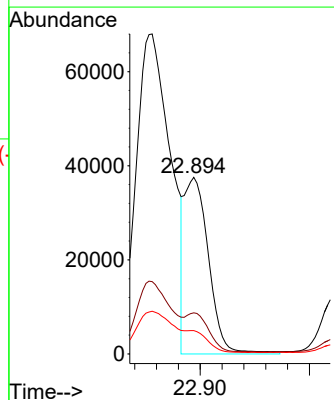
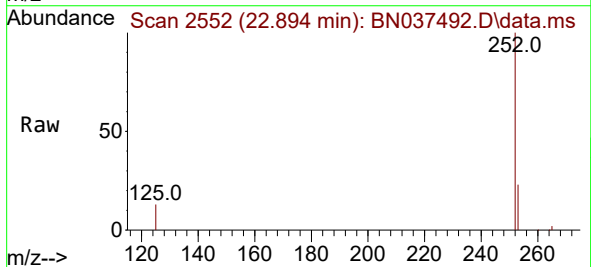
Instrument :  
BNA\_N  
ClientSampleId :  
WC-URBAN-FILL-B2MSD

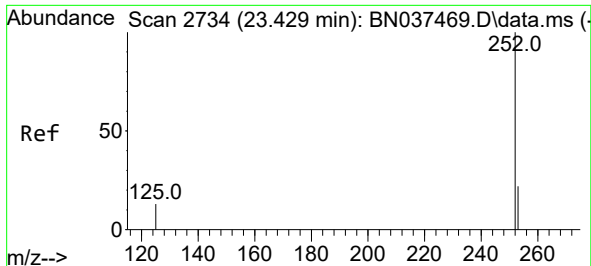
Tgt Ion:252 Resp: 149886  
Ion Ratio Lower Upper  
252 100  
253 22.6 20.1 30.1  
125 13.3 13.7 20.5#



#38  
Benzo(k)fluoranthene  
Concen: 2.406 ng m  
RT: 22.894 min Scan# 2552  
Delta R.T. -0.005 min  
Lab File: BN037492.D  
Acq: 14 Jul 2025 15:34

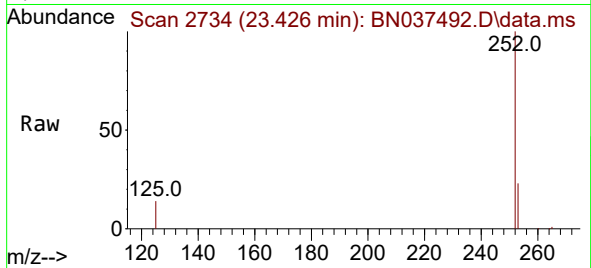
Tgt Ion:252 Resp: 58149  
Ion Ratio Lower Upper  
252 100  
253 23.3 20.4 30.6  
125 13.2 14.6 21.8#



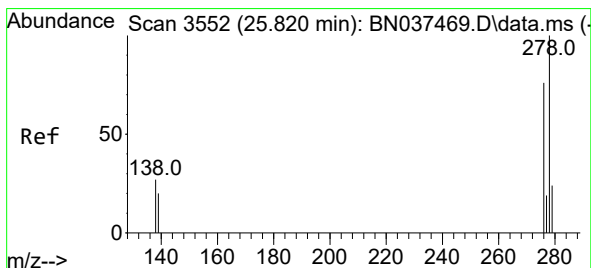
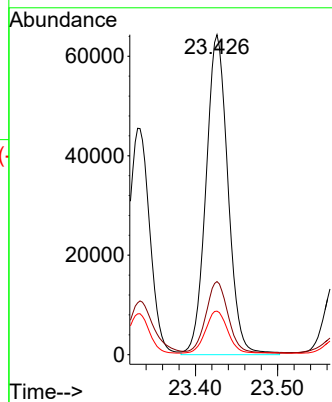
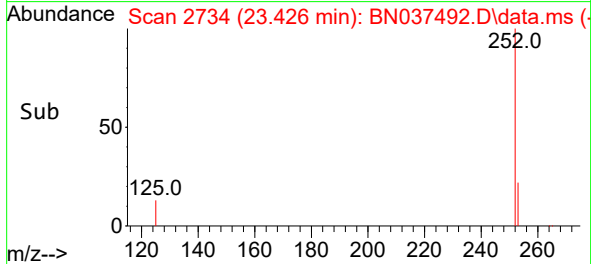


#39  
Benzo(a)pyrene  
Concen: 6.236 ng m  
RT: 23.426 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BN037492.D  
Acq: 14 Jul 2025 15:34

Instrument :  
BNA\_N  
ClientSampleId :  
WC-URBAN-FILL-B2MSD

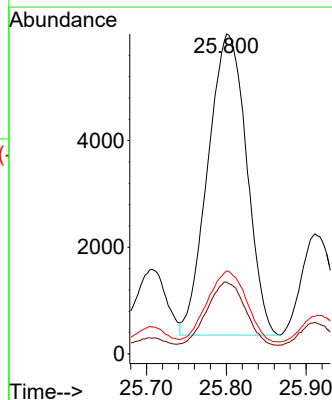
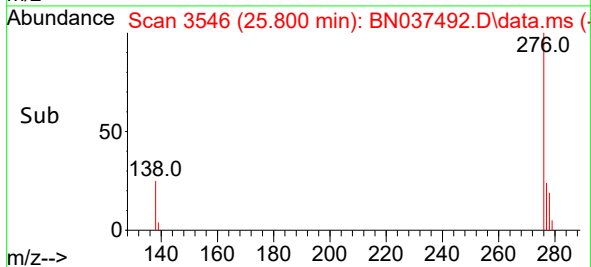
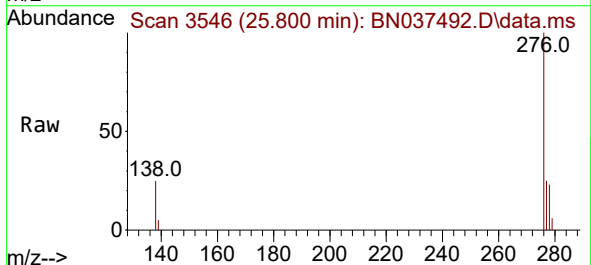


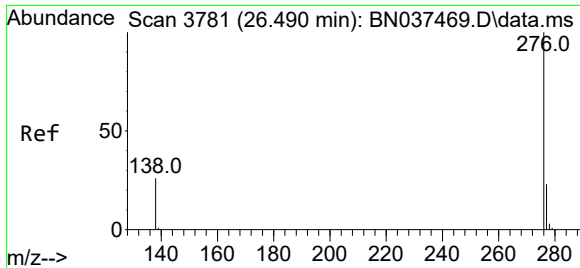
Tgt Ion:252 Resp: 119682  
Ion Ratio Lower Upper  
252 100  
253 22.8 21.8 32.6  
125 13.6 16.7 25.1#



#40  
Dibenzo(a,h)anthracene  
Concen: 0.991 ng  
RT: 25.800 min Scan# 3546  
Delta R.T. -0.020 min  
Lab File: BN037492.D  
Acq: 14 Jul 2025 15:34

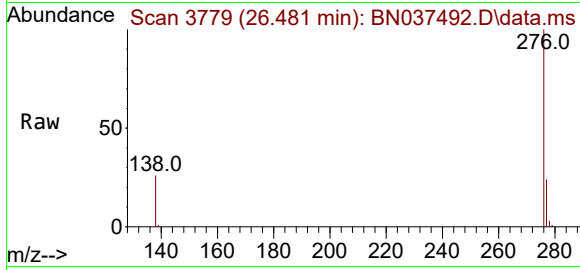
Tgt Ion:278 Resp: 19031  
Ion Ratio Lower Upper  
278 100  
139 22.4 19.9 29.9  
279 26.0 24.8 37.2





#41  
Benzo(g,h,i)perylene  
Concen: 4.331 ng  
RT: 26.481 min Scan# 31  
Delta R.T. -0.008 min  
Lab File: BN037492.D  
Acq: 14 Jul 2025 15:34

Instrument :  
BNA\_N  
ClientSampleId :  
WC-URBAN-FILL-B2MSD



Tgt Ion:276 Resp: 91064  
Ion Ratio Lower Upper  
276 100  
277 23.9 21.7 32.5  
138 26.4 24.3 36.5

