

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051425\  
 Data File : BN036999.D  
 Acq On : 13 May 2025 17:41  
 Operator : RC/JU  
 Sample : SSTDICC0.1  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: May 14 00:30:28 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN051425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 14 00:23:11 2025  
 Response via : Initial Calibration

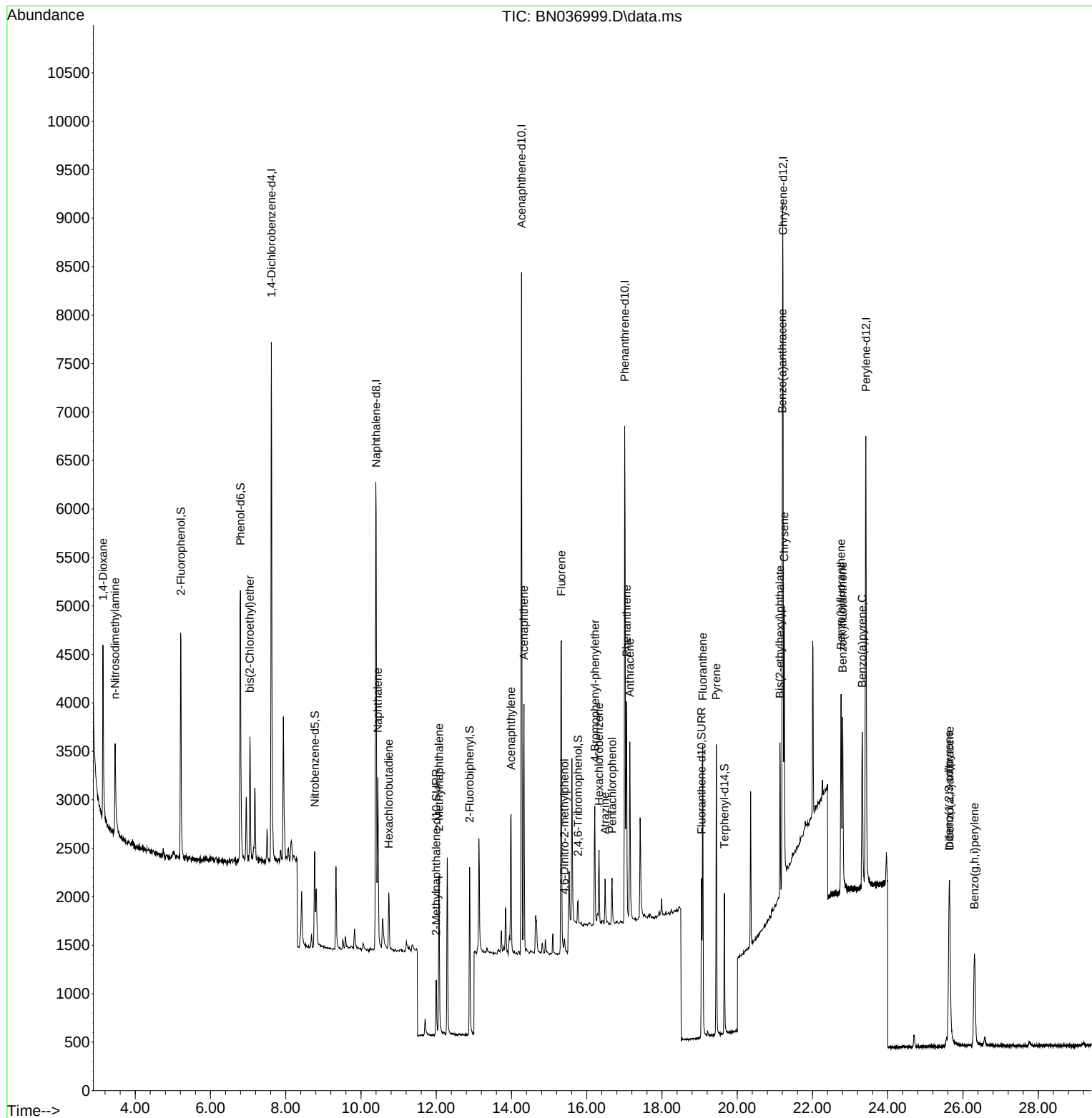
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.618  | 152  | 2512     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.404 | 136  | 6713     | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.267 | 164  | 3705     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.009 | 188  | 7492     | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.216 | 240  | 6297     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.418 | 264  | 6037     | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.213  | 112  | 1766     | 0.268 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.795  | 99   | 2379     | 0.289 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.771  | 82   | 917      | 0.125 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.001 | 152  | 888      | 0.094 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.767 | 330  | 161      | 0.099 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.889 | 172  | 1771     | 0.104 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.049 | 212  | 1934     | 0.094 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.658 | 244  | 1412     | 0.105 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.141  | 88   | 1165     | 0.378 | ng    | 97       |
| 3) n-Nitrosodimethylamine     | 3.466  | 42   | 920      | 0.139 | ng    | # 94     |
| 6) bis(2-Chloroethyl)ether    | 7.048  | 93   | 905      | 0.119 | ng    | 98       |
| 9) Naphthalene                | 10.447 | 128  | 2225     | 0.112 | ng    | 97       |
| 10) Hexachlorobutadiene       | 10.735 | 225  | 480      | 0.115 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.072 | 142  | 1266     | 0.099 | ng    | 98       |
| 16) Acenaphthylene            | 13.989 | 152  | 1765     | 0.098 | ng    | 99       |
| 17) Acenaphthene              | 14.331 | 154  | 1162     | 0.099 | ng    | 99       |
| 18) Fluorene                  | 15.325 | 166  | 1484     | 0.096 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.411 | 198  | 113      | 0.157 | ng    | # 1      |
| 21) 4-Bromophenyl-phenylether | 16.214 | 248  | 455      | 0.096 | ng    | 98       |
| 22) Hexachlorobenzene         | 16.326 | 284  | 500      | 0.099 | ng    | 97       |
| 23) Atrazine                  | 16.487 | 200  | 372      | 0.090 | ng    | # 93     |
| 24) Pentachlorophenol         | 16.674 | 266  | 249      | 0.088 | ng    | 97       |
| 25) Phenanthrene              | 17.058 | 178  | 2359     | 0.096 | ng    | 99       |
| 26) Anthracene                | 17.145 | 178  | 2059     | 0.092 | ng    | 99       |
| 28) Fluoranthene              | 19.082 | 202  | 2737     | 0.094 | ng    | 100      |
| 30) Pyrene                    | 19.444 | 202  | 2745     | 0.102 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.198 | 228  | 2303     | 0.097 | ng    | 96       |
| 33) Chrysene                  | 21.251 | 228  | 2605     | 0.104 | ng    | 97       |
| 34) Bis(2-ethylhexyl)phtha... | 21.135 | 149  | 1504     | 0.103 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.629 | 276  | 2280     | 0.092 | ng    | 97       |
| 37) Benzo(b)fluoranthene      | 22.758 | 252  | 2461     | 0.098 | ng    | # 75     |
| 38) Benzo(k)fluoranthene      | 22.801 | 252  | 2322     | 0.094 | ng    | # 73     |
| 39) Benzo(a)pyrene            | 23.322 | 252  | 2083     | 0.098 | ng    | # 62     |
| 40) Dibenzo(a,h)anthracene    | 25.646 | 278  | 1685     | 0.088 | ng    | # 78     |
| 41) Benzo(g,h,i)perylene      | 26.304 | 276  | 1960     | 0.094 | ng    | # 87     |
| -----                         |        |      |          |       |       |          |

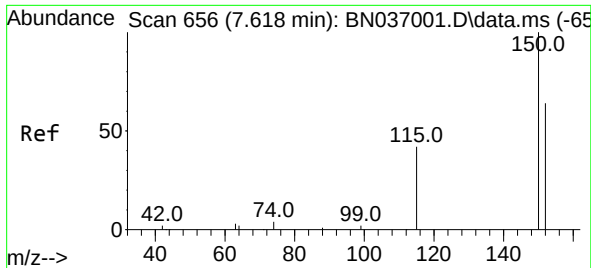
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051425\  
Data File : BN036999.D  
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Operator : RC/JU  
Sample : SSTDICC0.1  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :

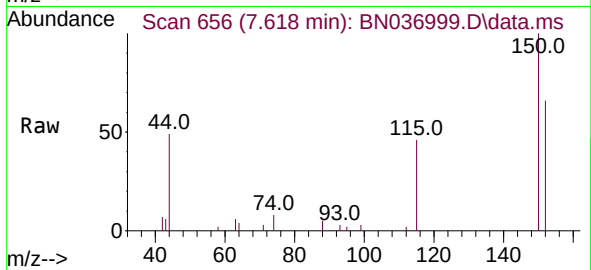
Quant Time: May 14 00:30:28 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN051425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 14 00:23:11 2025  
Response via : Initial Calibration



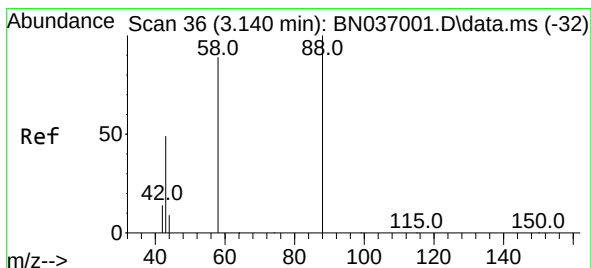
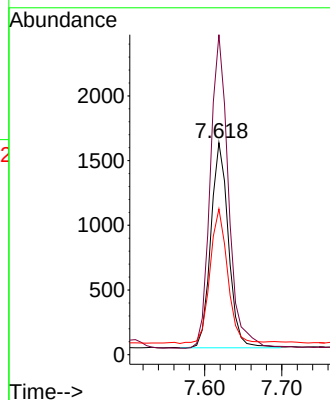
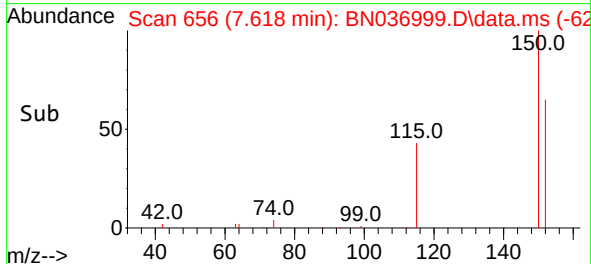


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.618 min Scan# 61  
 Delta R.T. 0.000 min  
 Lab File: BN036999.D  
 Acq: 13 May 2025 17:41

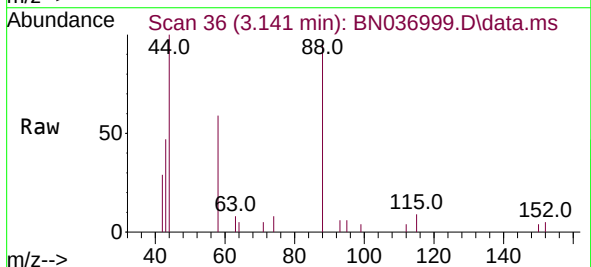
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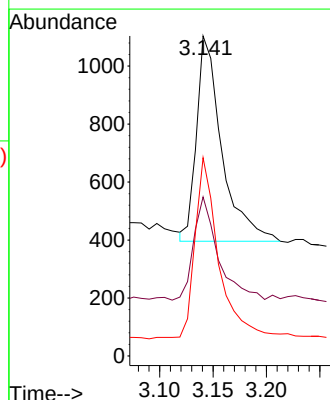
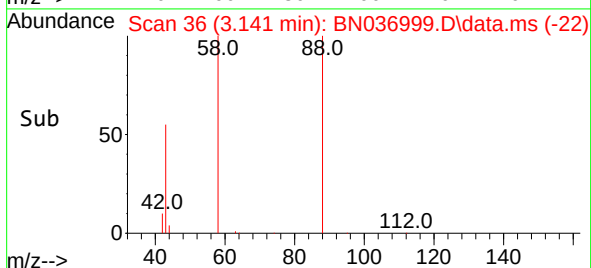
Tgt Ion:152 Resp: 2512  
 Ion Ratio Lower Upper  
 152 100  
 150 150.9 123.9 185.9  
 115 68.7 55.8 83.8

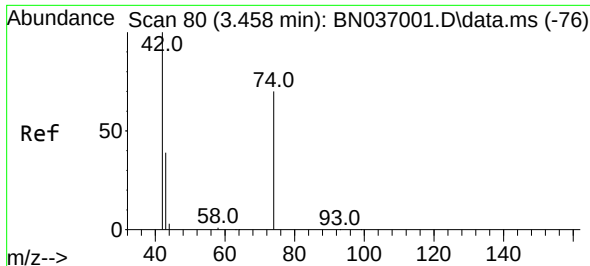


#2  
 1,4-Dioxane  
 Concen: 0.378 ng  
 RT: 3.141 min Scan# 36  
 Delta R.T. 0.001 min  
 Lab File: BN036999.D  
 Acq: 13 May 2025 17:41



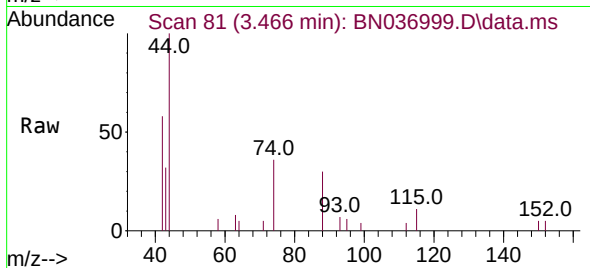
Tgt Ion: 88 Resp: 1165  
 Ion Ratio Lower Upper  
 88 100  
 43 49.5 37.4 56.0  
 58 84.3 68.8 103.2



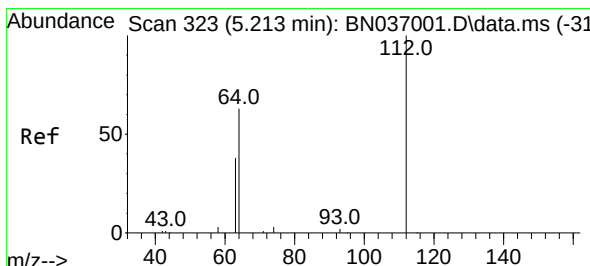
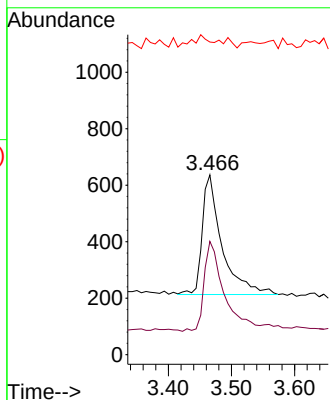
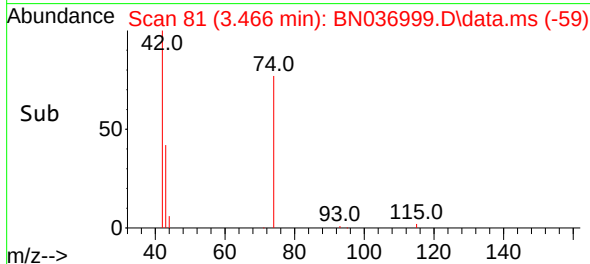


#3  
 n-Nitrosodimethylamine  
 Concen: 0.139 ng  
 RT: 3.466 min Scan# 81  
 Delta R.T. 0.007 min  
 Lab File: BN036999.D  
 Acq: 13 May 2025 17:41

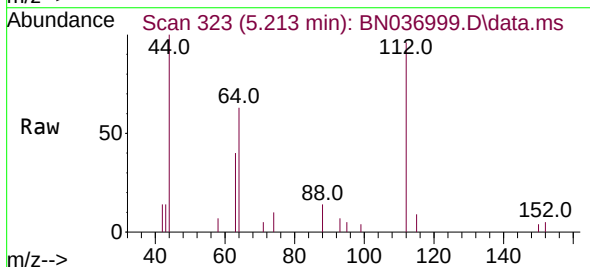
Instrument :  
 BNA\_N  
 ClientSampleId :



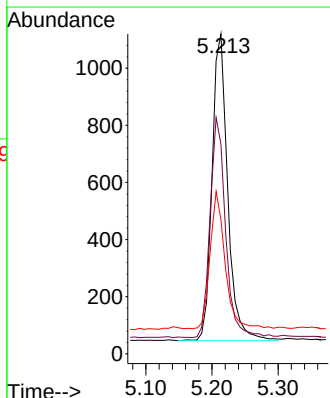
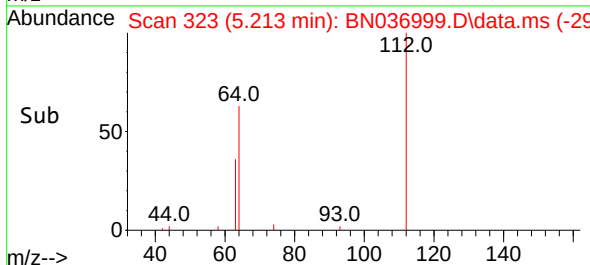
Tgt Ion: 42 Resp: 920  
 Ion Ratio Lower Upper  
 42 100  
 74 76.3 59.8 89.6  
 44 4.1 11.9 17.9#

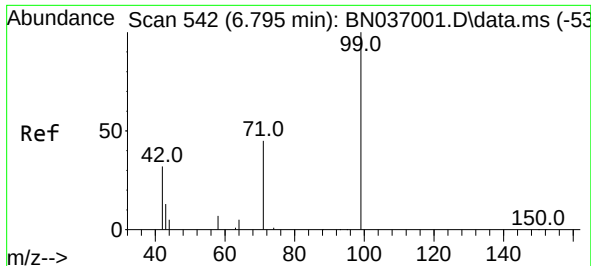


#4  
 2-Fluorophenol  
 Concen: 0.268 ng  
 RT: 5.213 min Scan# 323  
 Delta R.T. 0.000 min  
 Lab File: BN036999.D  
 Acq: 13 May 2025 17:41



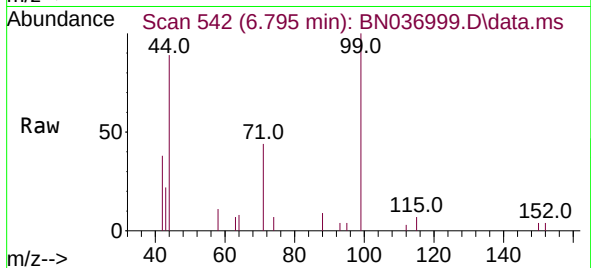
Tgt Ion: 112 Resp: 1766  
 Ion Ratio Lower Upper  
 112 100  
 64 71.4 55.7 83.5  
 63 42.8 34.6 51.8



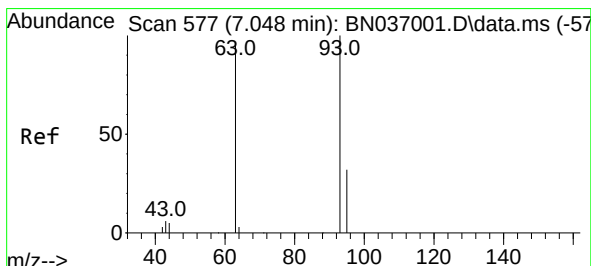
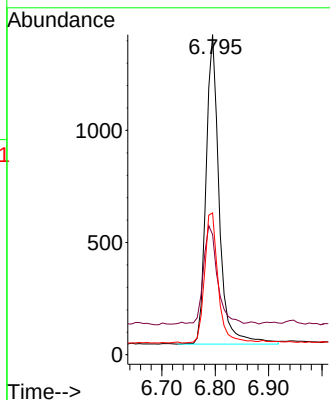
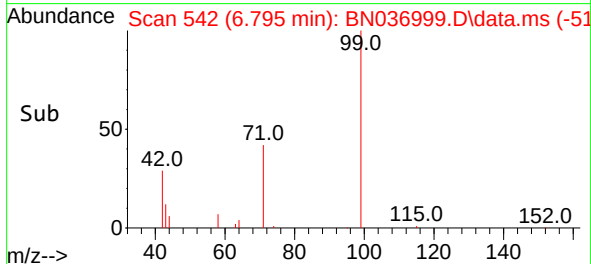


#5  
Phenol-d6  
Concen: 0.289 ng  
RT: 6.795 min Scan# 542  
Delta R.T. 0.000 min  
Lab File: BN036999.D  
Acq: 13 May 2025 17:41

Instrument :  
BNA\_N  
ClientSampleId :

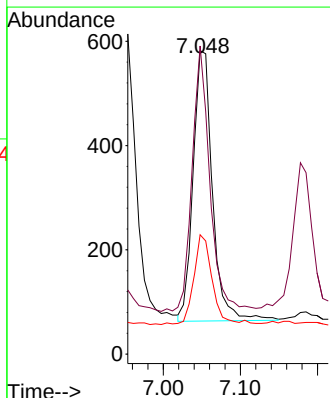
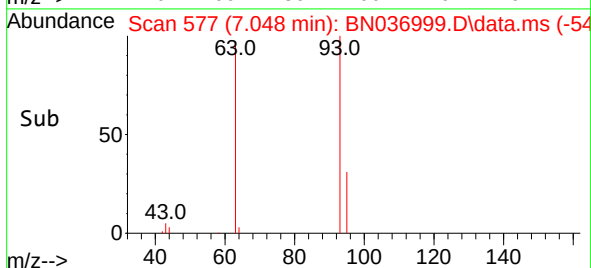
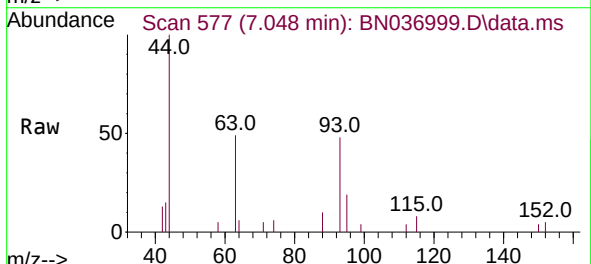


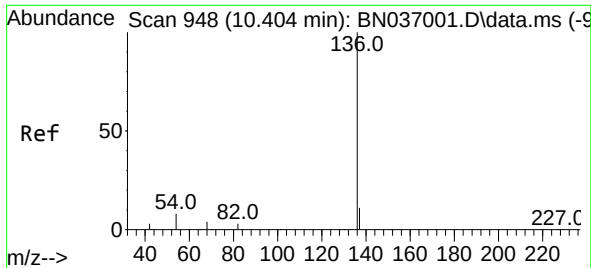
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 2379  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 32.9  | 29.3  | 43.9  |
| 71       | 43.2  | 35.7  | 53.5  |



#6  
bis(2-Chloroethyl)ether  
Concen: 0.119 ng  
RT: 7.048 min Scan# 577  
Delta R.T. 0.000 min  
Lab File: BN036999.D  
Acq: 13 May 2025 17:41

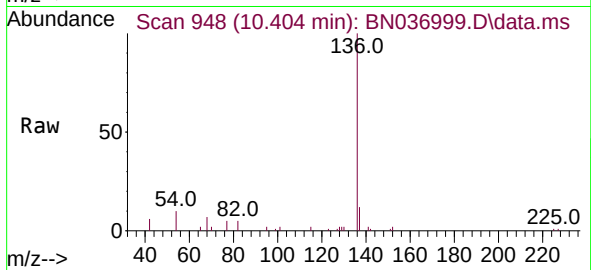
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 905   |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 90.2  | 70.1  | 105.1 |
| 95       | 32.2  | 26.2  | 39.2  |



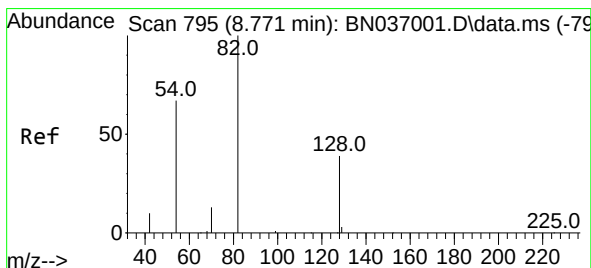
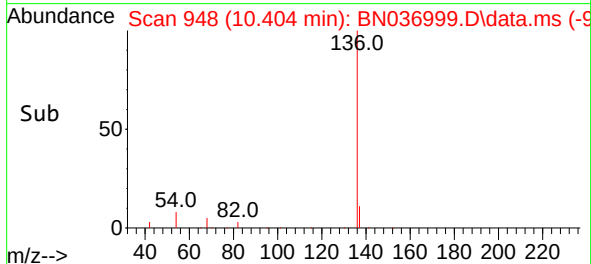
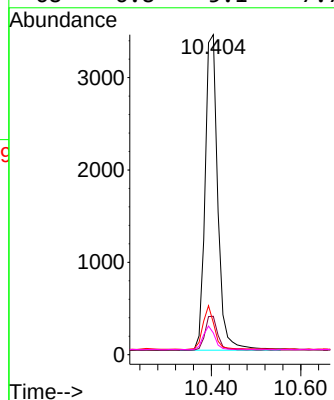


#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.404 min Scan# 948  
Delta R.T. 0.000 min  
Lab File: BN036999.D  
Acq: 13 May 2025 17:41

Instrument :  
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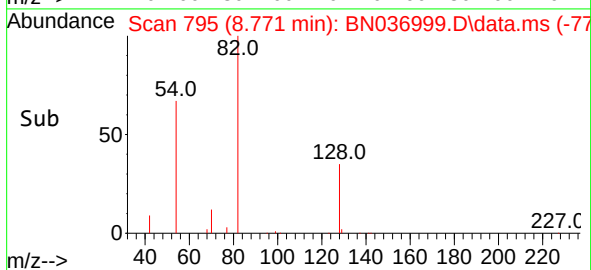
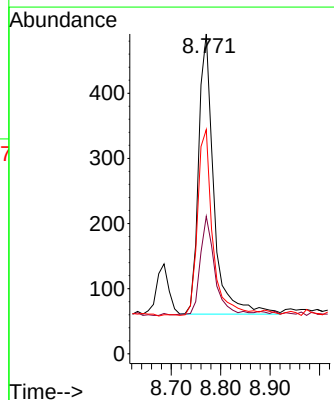
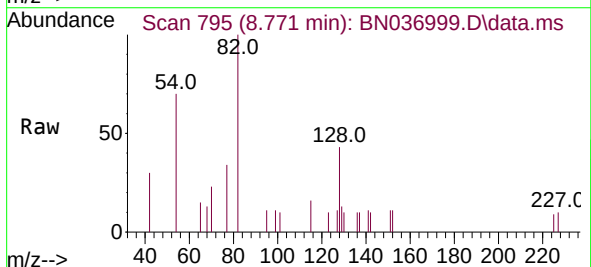


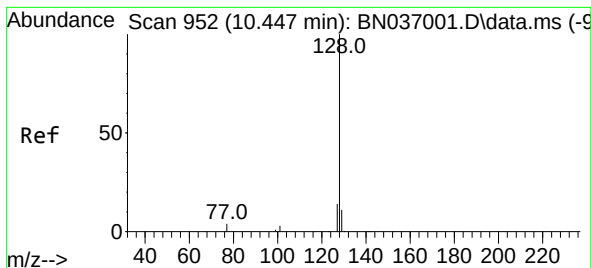
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 6713  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 12.0  | 10.4  | 15.6  |
| 54       | 10.0  | 8.5   | 12.7  |
| 68       | 6.8   | 5.1   | 7.7   |



#8  
Nitrobenzene-d5  
Concen: 0.125 ng  
RT: 8.771 min Scan# 795  
Delta R.T. 0.000 min  
Lab File: BN036999.D  
Acq: 13 May 2025 17:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 917   |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 43.0  | 34.0  | 51.0  |
| 54       | 70.1  | 55.0  | 82.4  |





#9

Naphthalene

Concen: 0.112 ng

RT: 10.447 min Scan# 91

Delta R.T. 0.000 min

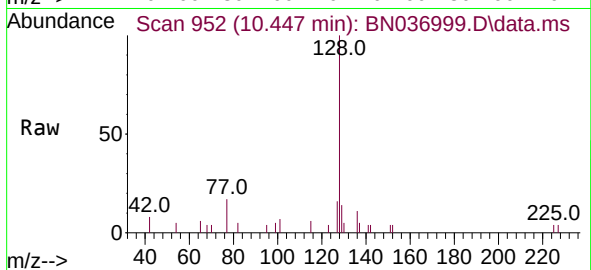
Lab File: BN036999.D

Acq: 13 May 2025 17:41

Instrument :

BNA\_N

ClientSampleId :



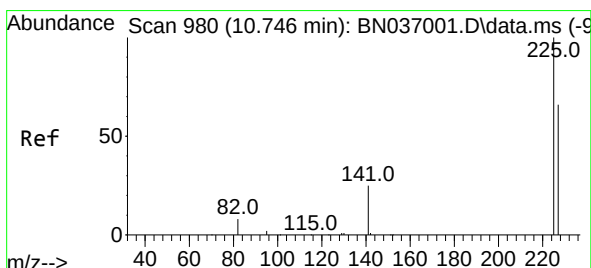
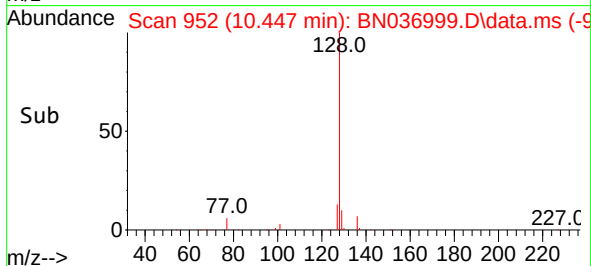
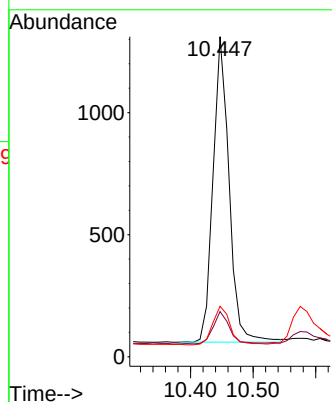
Tgt Ion:128 Resp: 2225

Ion Ratio Lower Upper

128 100

129 14.1 9.7 14.5

127 15.8 12.4 18.6



#10

Hexachlorobutadiene

Concen: 0.115 ng

RT: 10.735 min Scan# 979

Delta R.T. -0.011 min

Lab File: BN036999.D

Acq: 13 May 2025 17:41

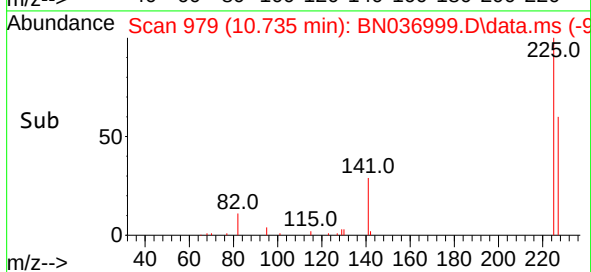
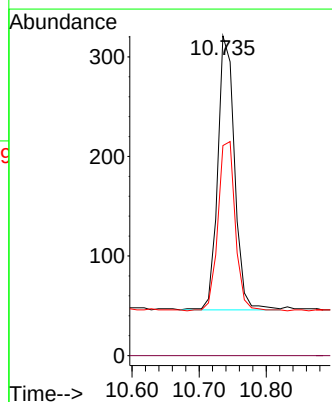
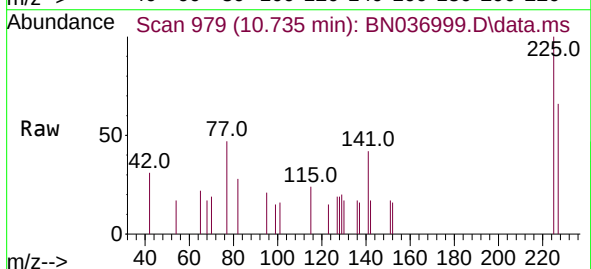
Tgt Ion:225 Resp: 480

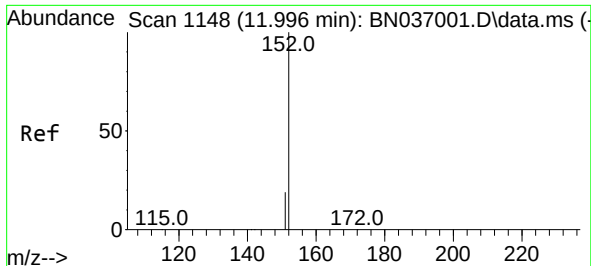
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 64.0 50.9 76.3

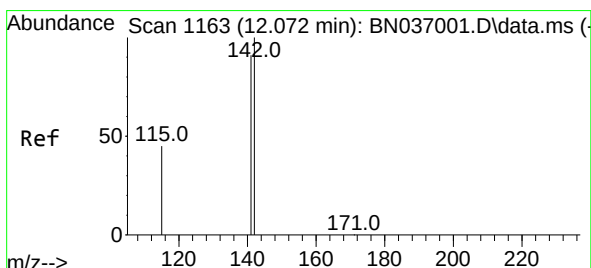
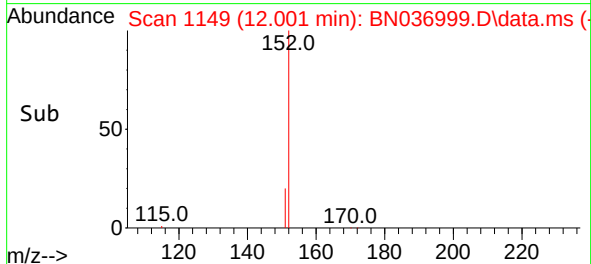
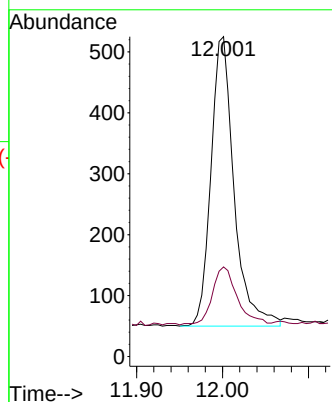
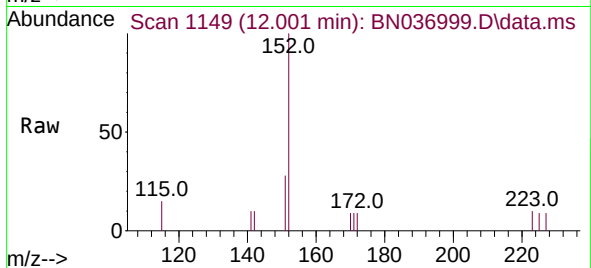




#11  
2-Methylnaphthalene-d10  
Concen: 0.094 ng  
RT: 12.001 min Scan# 1149  
Delta R.T. 0.005 min  
Lab File: BN036999.D  
Acq: 13 May 2025 17:41

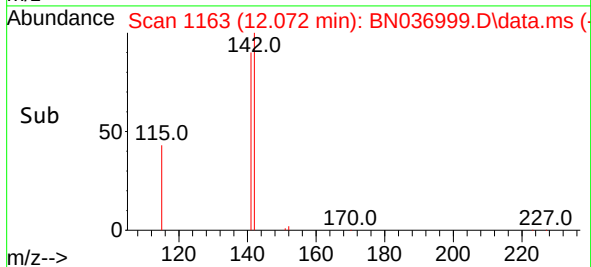
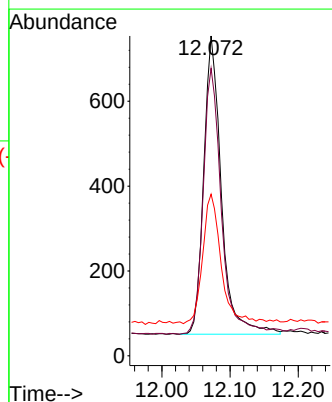
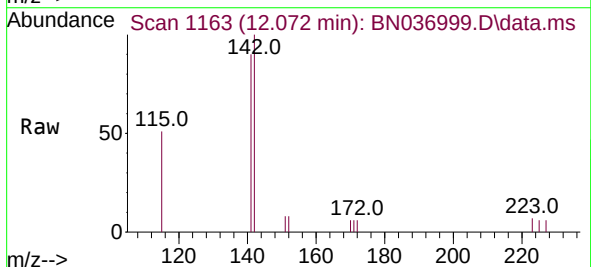
Instrument :  
BNA\_N  
ClientSampleId :

Tgt Ion:152 Resp: 888  
Ion Ratio Lower Upper  
152 100  
151 21.6 17.5 26.3

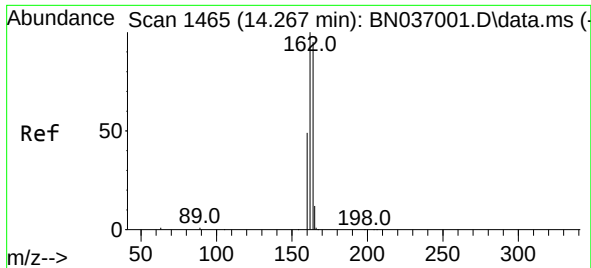


#12  
2-Methylnaphthalene  
Concen: 0.099 ng  
RT: 12.072 min Scan# 1163  
Delta R.T. 0.000 min  
Lab File: BN036999.D  
Acq: 13 May 2025 17:41

Tgt Ion:142 Resp: 1266  
Ion Ratio Lower Upper  
142 100  
141 89.9 73.3 109.9  
115 50.5 38.4 57.6

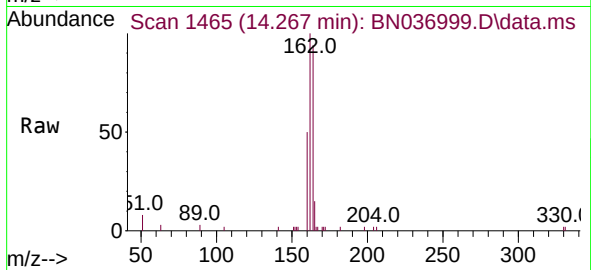






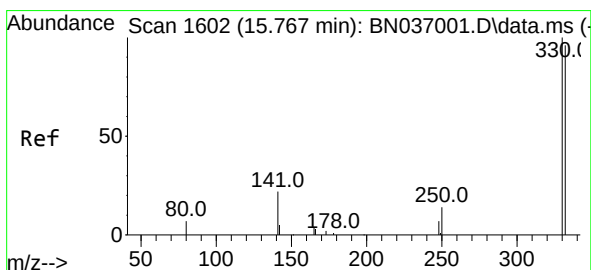
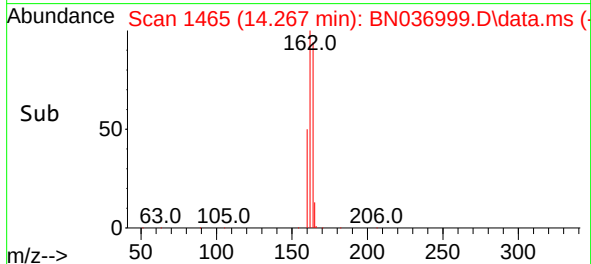
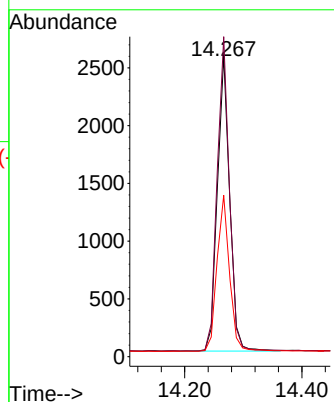
#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.267 min Scan# 1465  
 Delta R.T. 0.000 min  
 Lab File: BN036999.D  
 Acq: 13 May 2025 17:41

Instrument :  
 BNA\_N  
 ClientSampleId :



Tgt Ion:164 Resp: 3705  

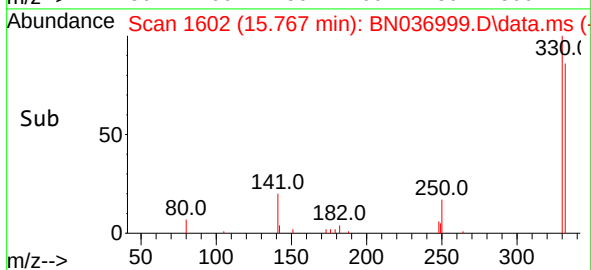
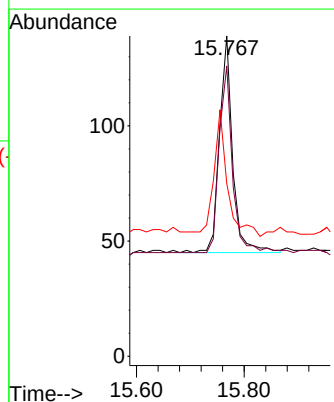
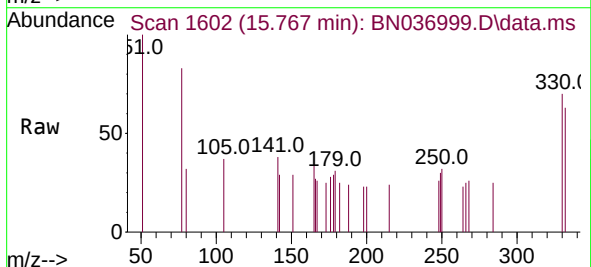
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 106.3 | 84.2  | 126.4 |
| 160 | 53.6  | 42.6  | 63.8  |

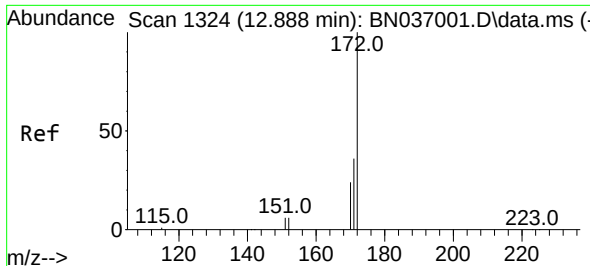


#14  
 2,4,6-Tribromophenol  
 Concen: 0.099 ng  
 RT: 15.767 min Scan# 1602  
 Delta R.T. 0.000 min  
 Lab File: BN036999.D  
 Acq: 13 May 2025 17:41

Tgt Ion:330 Resp: 161  

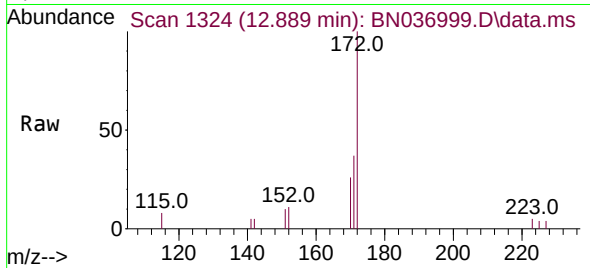
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 330 | 100   |       |       |
| 332 | 87.0  | 73.8  | 110.8 |
| 141 | 60.2  | 43.9  | 65.9  |



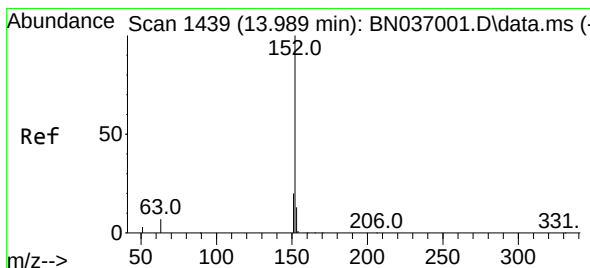
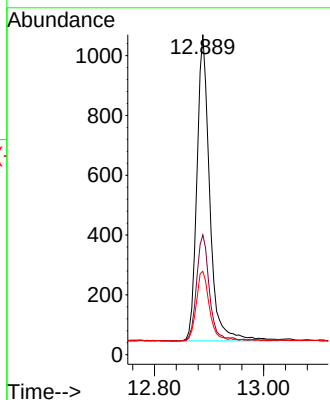
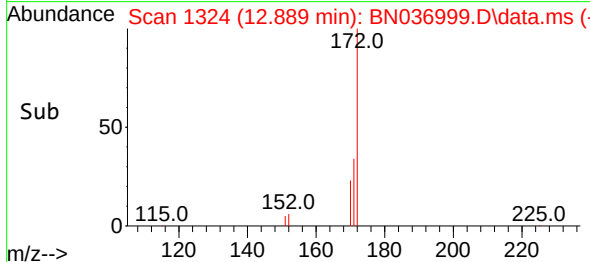


#15  
2-Fluorobiphenyl  
Concen: 0.104 ng  
RT: 12.889 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN036999.D  
Acq: 13 May 2025 17:41

Instrument :  
BNA\_N  
ClientSampleId :

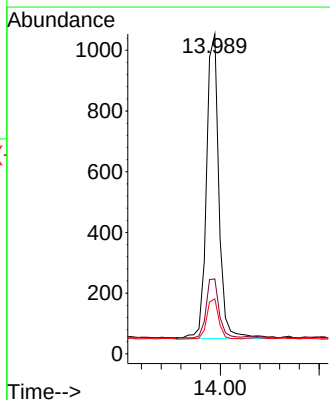
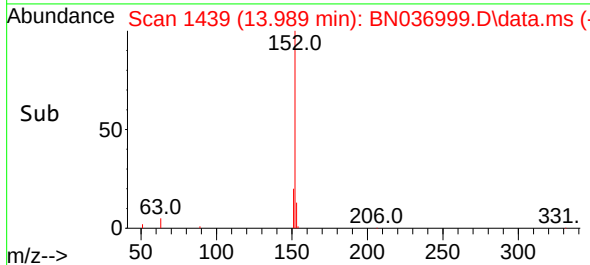
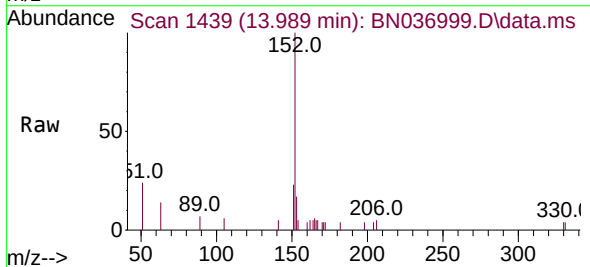


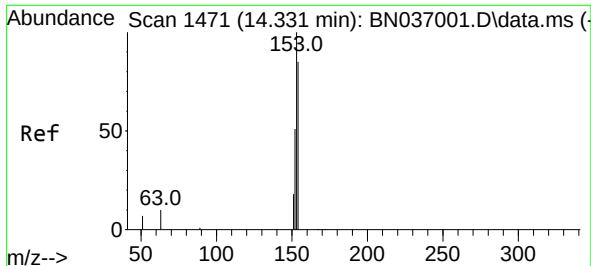
Tgt Ion:172 Resp: 1771  
Ion Ratio Lower Upper  
172 100  
171 37.5 29.2 43.8  
170 26.1 20.5 30.7



#16  
Acenaphthylene  
Concen: 0.098 ng  
RT: 13.989 min Scan# 1439  
Delta R.T. 0.000 min  
Lab File: BN036999.D  
Acq: 13 May 2025 17:41

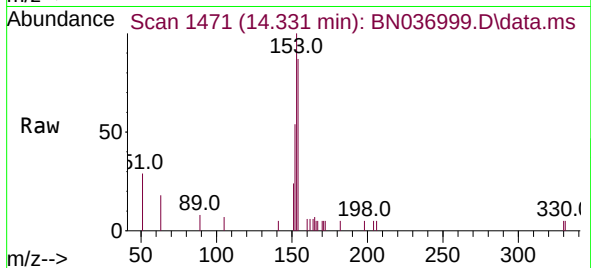
Tgt Ion:152 Resp: 1765  
Ion Ratio Lower Upper  
152 100  
151 19.6 16.1 24.1  
153 12.5 10.5 15.7



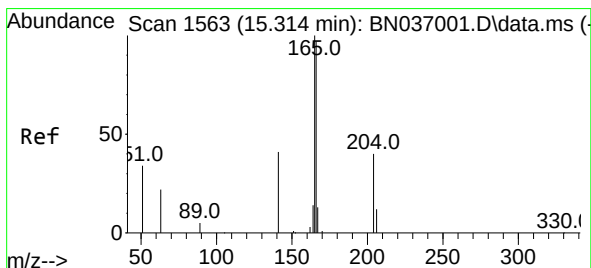
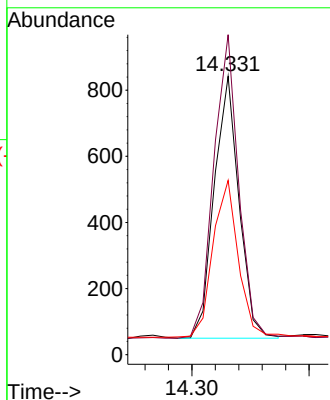
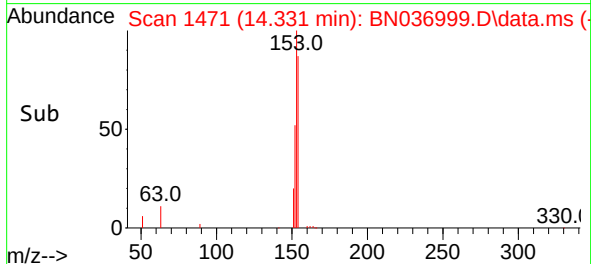


#17  
Acenaphthene  
Concen: 0.099 ng  
RT: 14.331 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: BN036999.D  
Acq: 13 May 2025 17:41

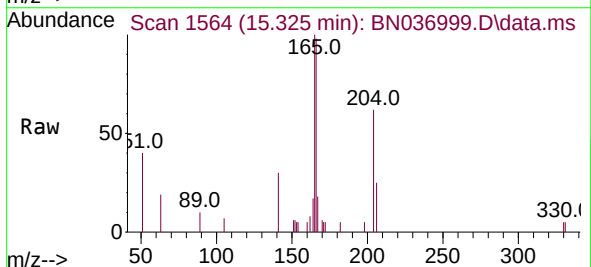
Instrument :  
BNA\_N  
ClientSampleId :



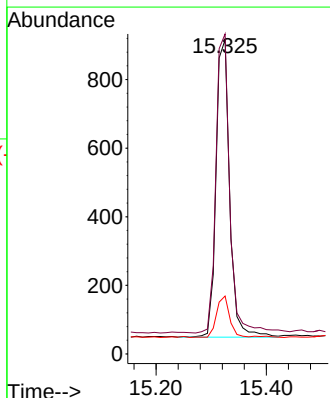
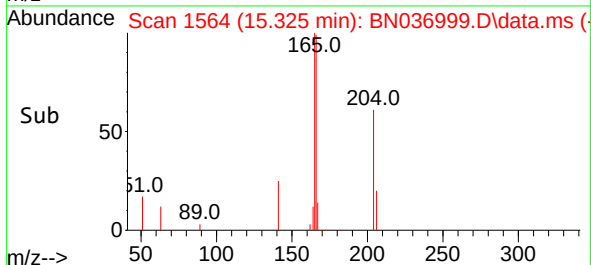
Tgt Ion:154 Resp: 1162  
Ion Ratio Lower Upper  
154 100  
153 117.2 94.2 141.4  
152 62.1 49.4 74.0

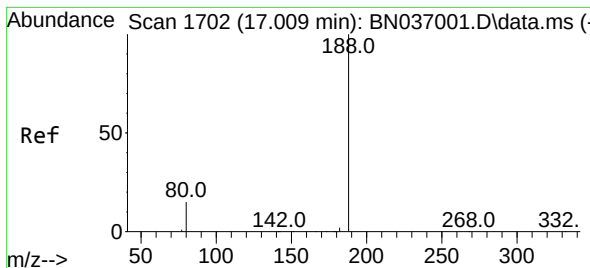


#18  
Fluorene  
Concen: 0.096 ng  
RT: 15.325 min Scan# 1564  
Delta R.T. 0.011 min  
Lab File: BN036999.D  
Acq: 13 May 2025 17:41



Tgt Ion:166 Resp: 1484  
Ion Ratio Lower Upper  
166 100  
165 102.0 80.6 120.8  
167 13.3 10.6 16.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.009 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN036999.D

Acq: 13 May 2025 17:41

Instrument :

BNA\_N

ClientSampleId :

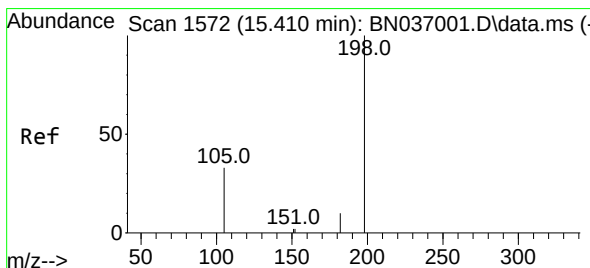
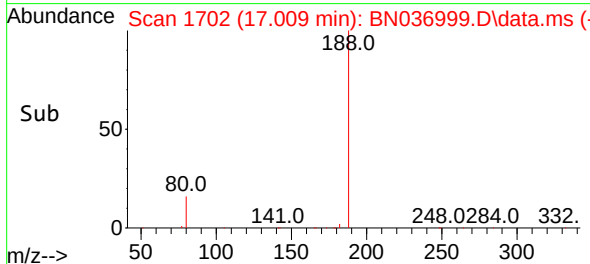
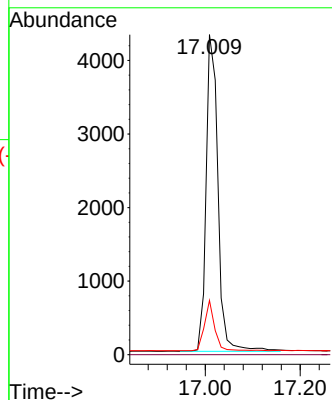
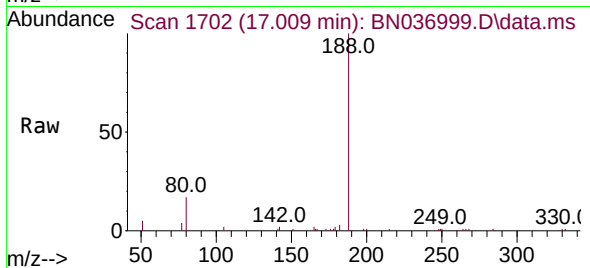
Tgt Ion:188 Resp: 7492

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 16.9 13.4 20.0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.157 ng

RT: 15.411 min Scan# 1572

Delta R.T. 0.001 min

Lab File: BN036999.D

Acq: 13 May 2025 17:41

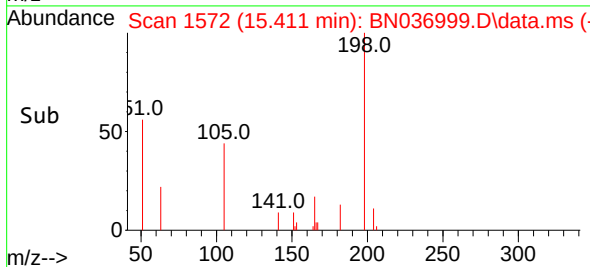
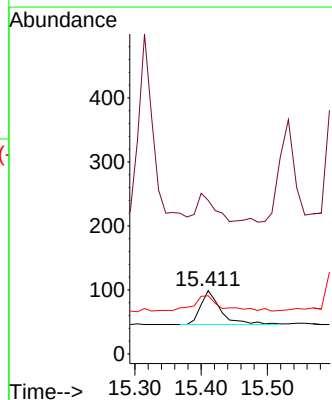
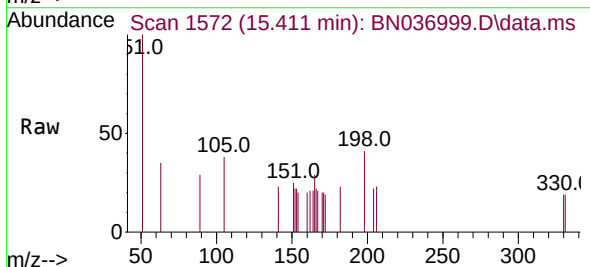
Tgt Ion:198 Resp: 113

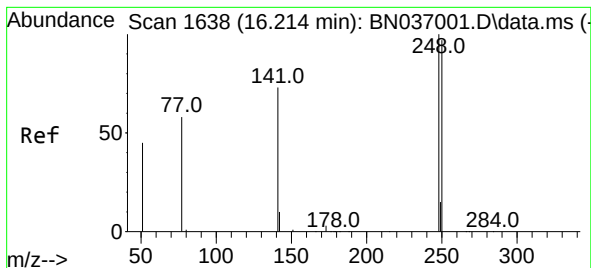
Ion Ratio Lower Upper

198 100

51 242.4 87.8 131.6#

105 91.9 44.2 66.4#

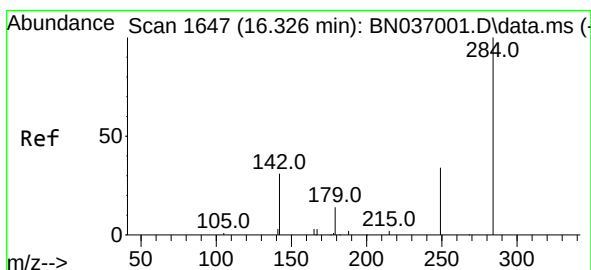
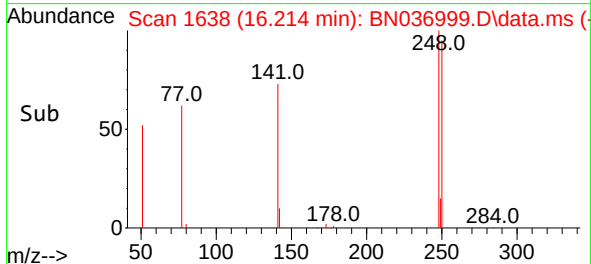
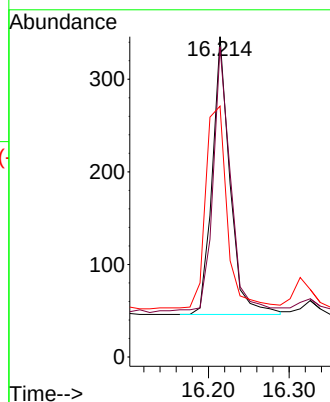
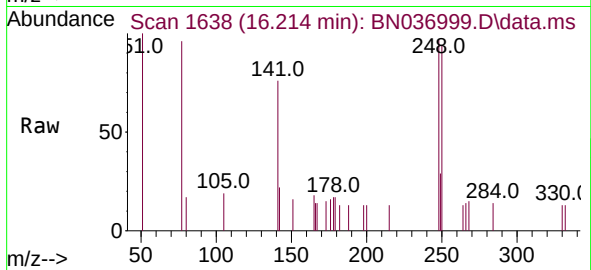




#21  
4-Bromophenyl-phenylether  
Concen: 0.096 ng  
RT: 16.214 min Scan# 1638  
Delta R.T. 0.000 min  
Lab File: BN036999.D  
Acq: 13 May 2025 17:41

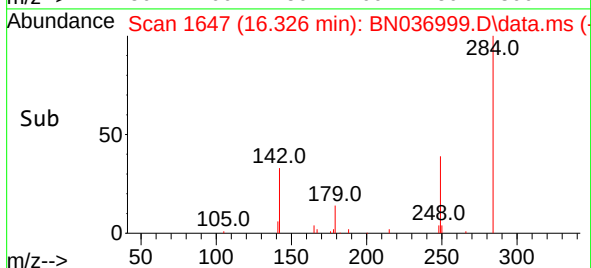
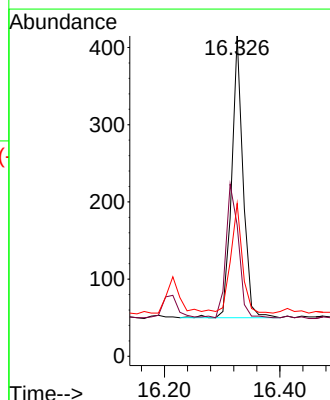
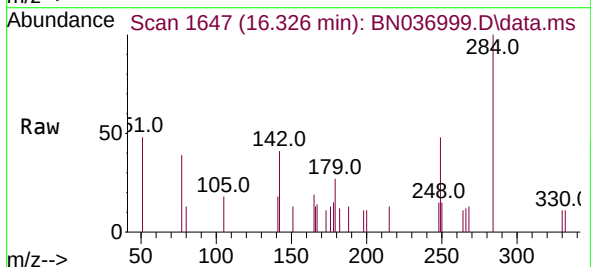
Instrument :  
BNA\_N  
ClientSampleId :

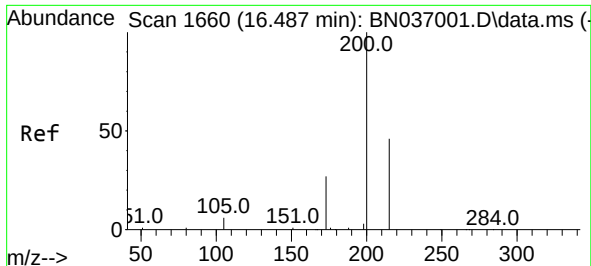
Tgt Ion:248 Resp: 455  
Ion Ratio Lower Upper  
248 100  
250 96.8 78.1 117.1  
141 78.3 59.7 89.5



#22  
Hexachlorobenzene  
Concen: 0.099 ng  
RT: 16.326 min Scan# 1647  
Delta R.T. 0.000 min  
Lab File: BN036999.D  
Acq: 13 May 2025 17:41

Tgt Ion:284 Resp: 500  
Ion Ratio Lower Upper  
284 100  
142 52.2 41.2 61.8  
249 40.0 28.7 43.1

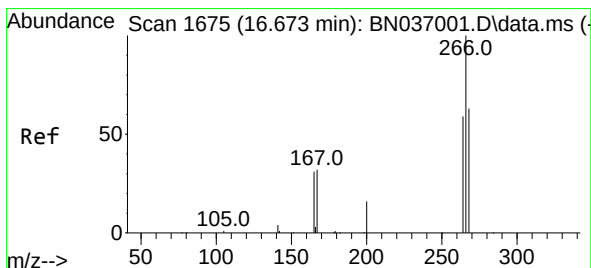
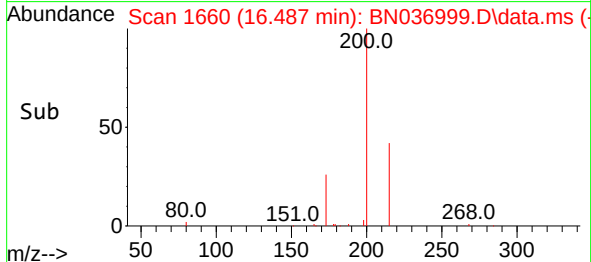
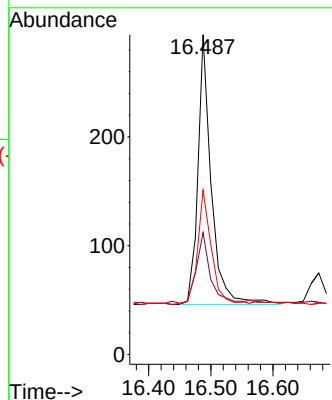
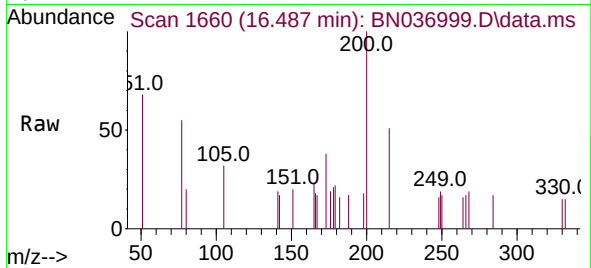




#23  
Atrazine  
Concen: 0.090 ng  
RT: 16.487 min Scan# 1660  
Delta R.T. 0.000 min  
Lab File: BN036999.D  
Acq: 13 May 2025 17:41

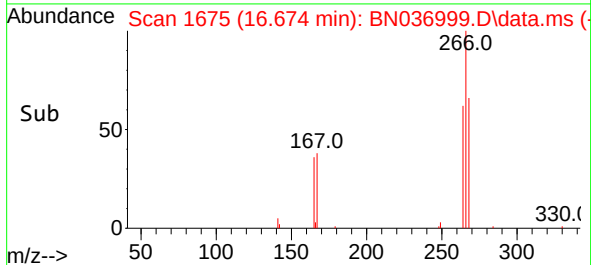
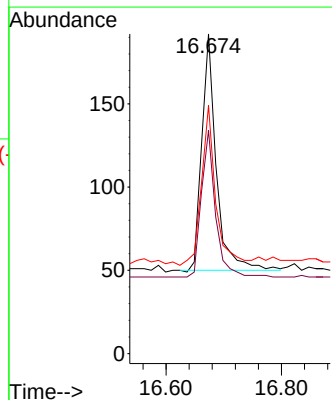
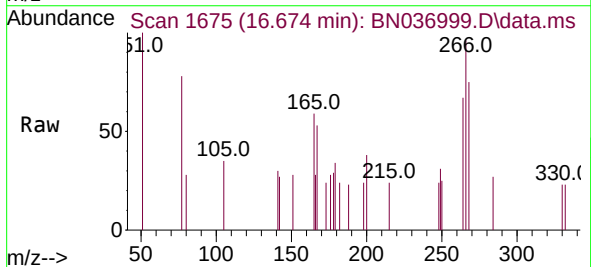
Instrument :  
BNA\_N  
ClientSampleId :

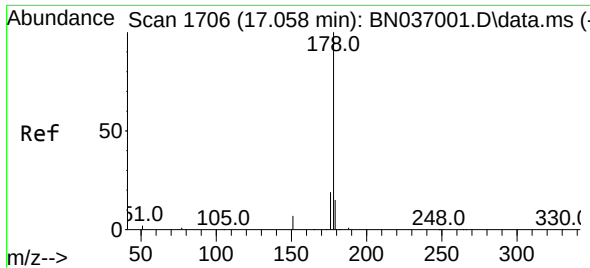
Tgt Ion:200 Resp: 372  
Ion Ratio Lower Upper  
200 100  
173 38.1 25.2 37.8#  
215 51.4 39.3 58.9



#24  
Pentachlorophenol  
Concen: 0.088 ng  
RT: 16.674 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: BN036999.D  
Acq: 13 May 2025 17:41

Tgt Ion:266 Resp: 249  
Ion Ratio Lower Upper  
266 100  
264 59.8 47.9 71.9  
268 66.7 50.0 75.0

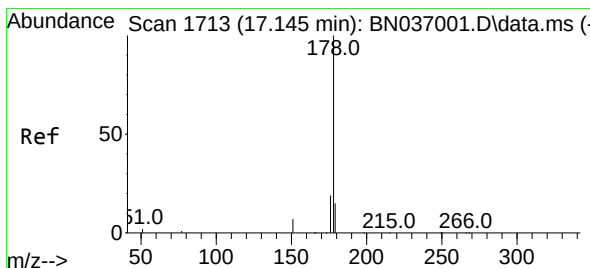
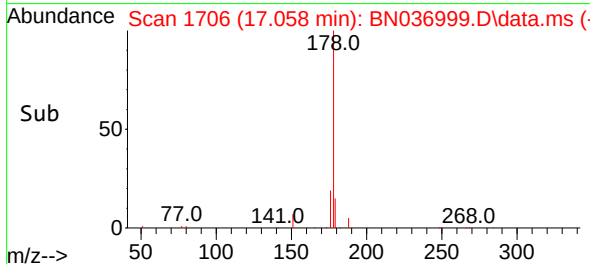
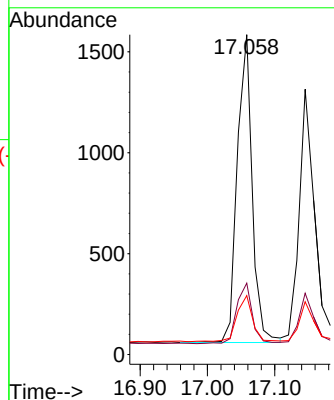
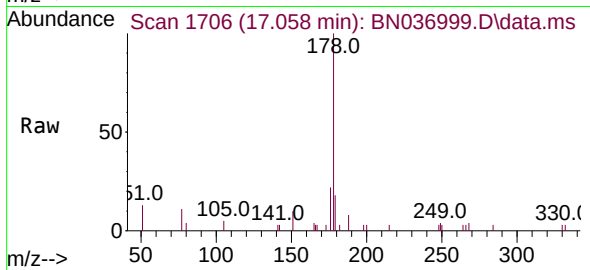




#25  
Phenanthrene  
Concen: 0.096 ng  
RT: 17.058 min Scan# 1706  
Delta R.T. 0.000 min  
Lab File: BN036999.D  
Acq: 13 May 2025 17:41

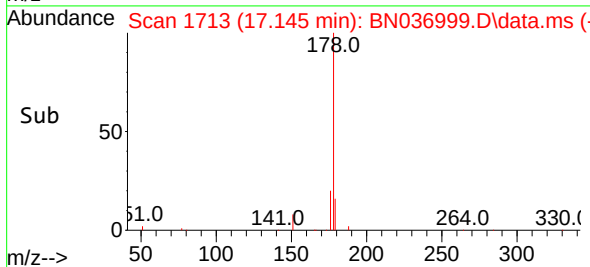
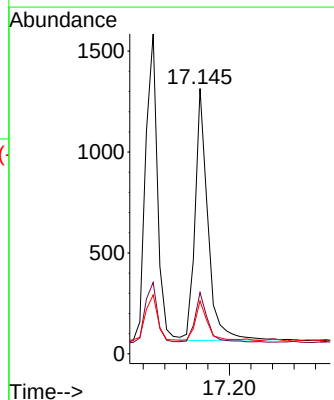
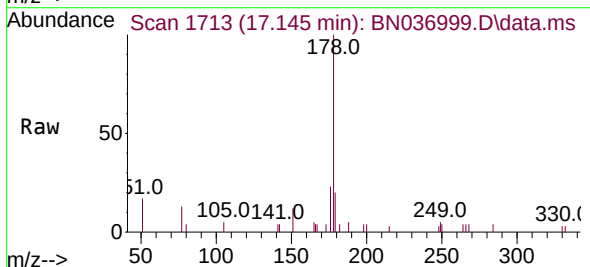
Instrument :  
BNA\_N  
ClientSampleId :

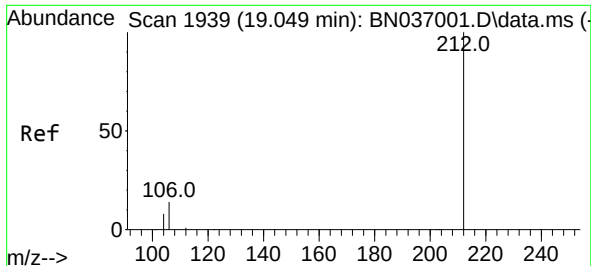
Tgt Ion:178 Resp: 2359  
Ion Ratio Lower Upper  
178 100  
176 20.3 15.7 23.5  
179 15.7 12.2 18.2



#26  
Anthracene  
Concen: 0.092 ng  
RT: 17.145 min Scan# 1713  
Delta R.T. 0.000 min  
Lab File: BN036999.D  
Acq: 13 May 2025 17:41

Tgt Ion:178 Resp: 2059  
Ion Ratio Lower Upper  
178 100  
176 19.9 15.0 22.6  
179 15.3 12.3 18.5

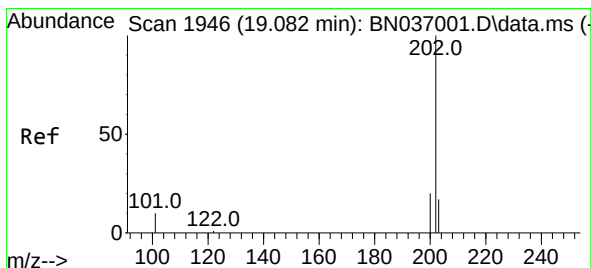
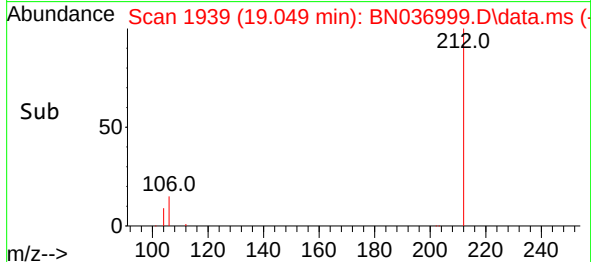
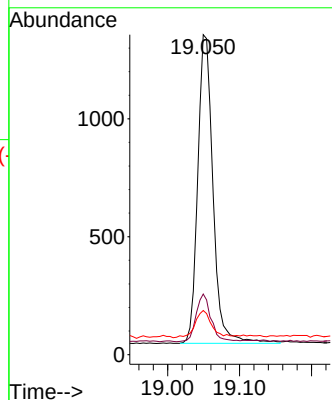
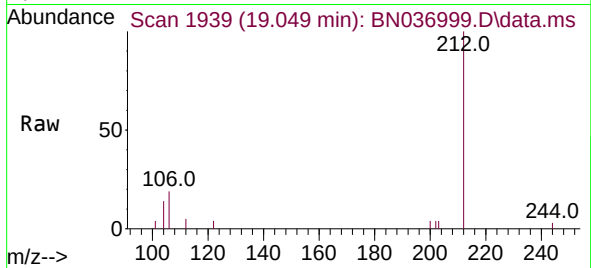




#27  
Fluoranthene-d10  
Concen: 0.094 ng  
RT: 19.049 min Scan# 1939  
Delta R.T. 0.000 min  
Lab File: BN036999.D  
Acq: 13 May 2025 17:41

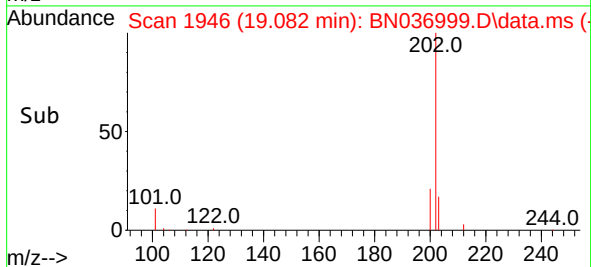
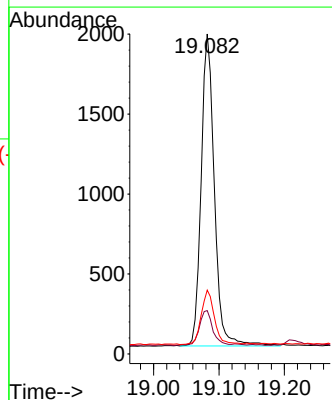
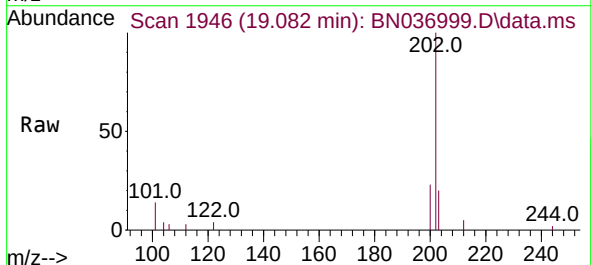
Instrument :  
BNA\_N  
ClientSampleId :

Tgt Ion:212 Resp: 1934  
Ion Ratio Lower Upper  
212 100  
106 15.0 11.3 16.9  
104 9.6 6.7 10.1

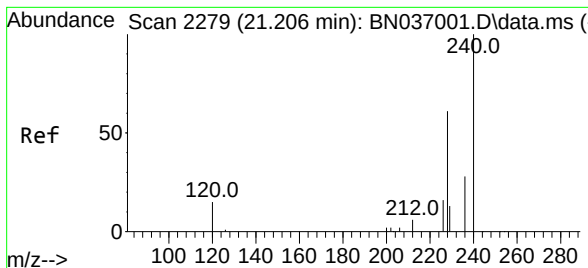


#28  
Fluoranthene  
Concen: 0.094 ng  
RT: 19.082 min Scan# 1946  
Delta R.T. 0.000 min  
Lab File: BN036999.D  
Acq: 13 May 2025 17:41

Tgt Ion:202 Resp: 2737  
Ion Ratio Lower Upper  
202 100  
101 11.4 8.9 13.3  
203 17.3 13.8 20.8







#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.216 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN036999.D

Acq: 13 May 2025 17:41

Instrument :

BNA\_N

ClientSampleId :

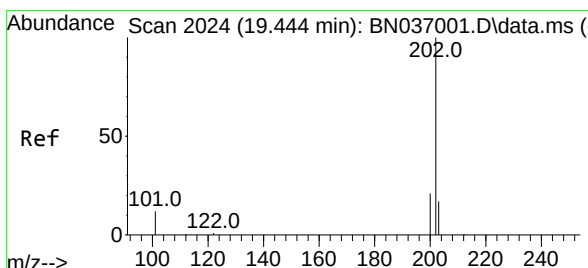
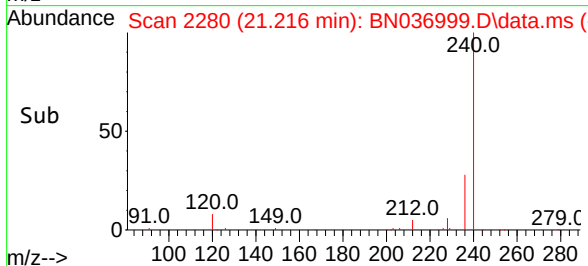
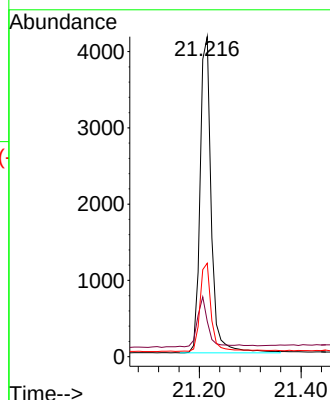
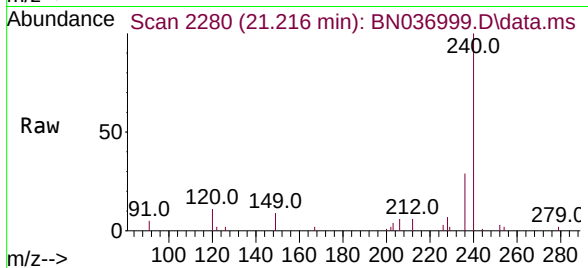
Tgt Ion:240 Resp: 6297

Ion Ratio Lower Upper

240 100

120 11.0 15.1 22.7#

236 29.2 24.0 36.0



#30

Pyrene

Concen: 0.102 ng

RT: 19.444 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BN036999.D

Acq: 13 May 2025 17:41

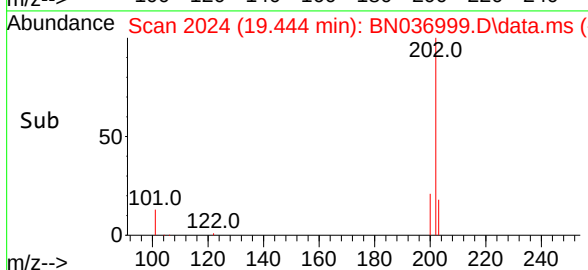
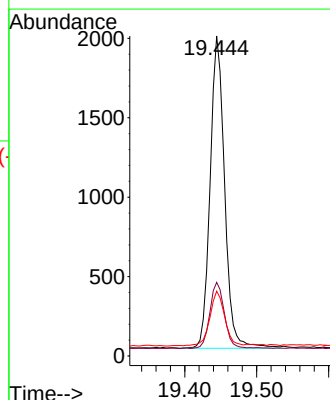
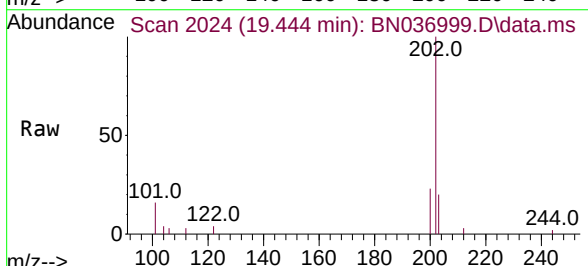
Tgt Ion:202 Resp: 2745

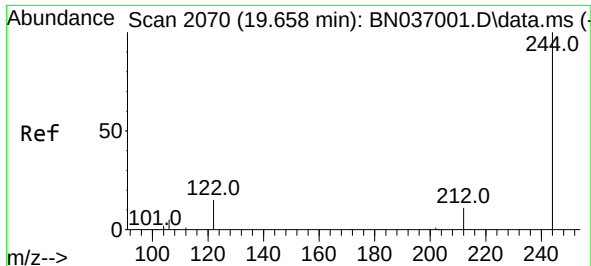
Ion Ratio Lower Upper

202 100

200 21.3 17.1 25.7

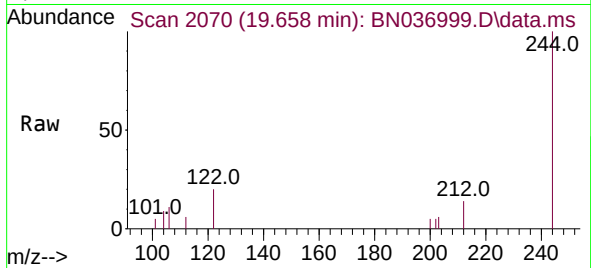
203 18.1 14.2 21.4



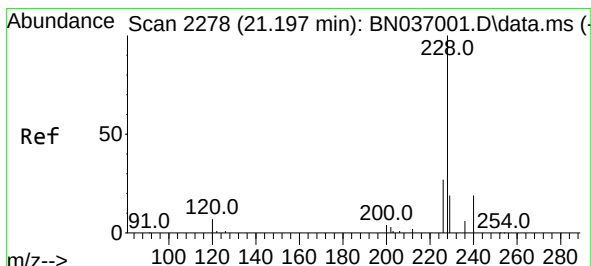
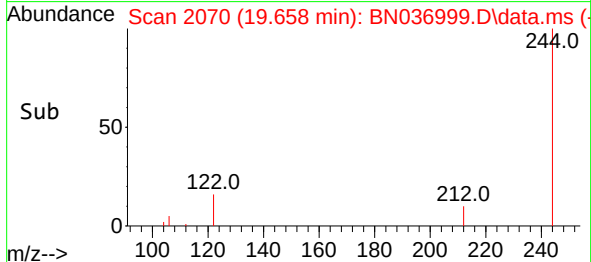
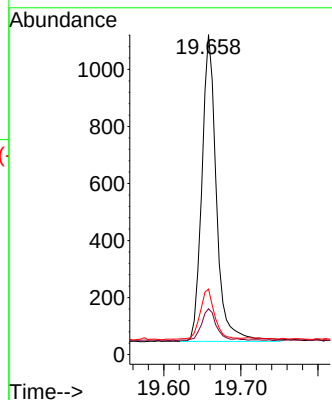


#31  
 Terphenyl-d14  
 Concen: 0.105 ng  
 RT: 19.658 min Scan# 2070  
 Delta R.T. 0.000 min  
 Lab File: BN036999.D  
 Acq: 13 May 2025 17:41

Instrument :  
 BNA\_N  
 ClientSampleId :

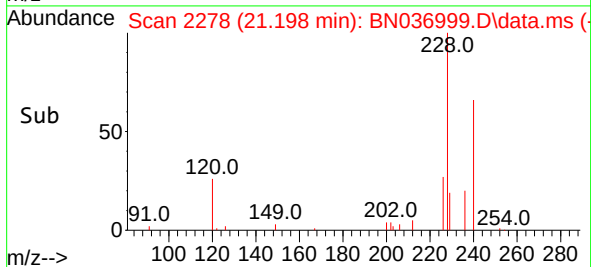
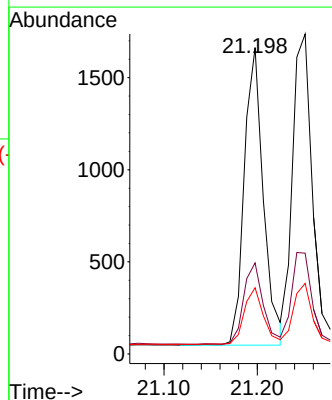
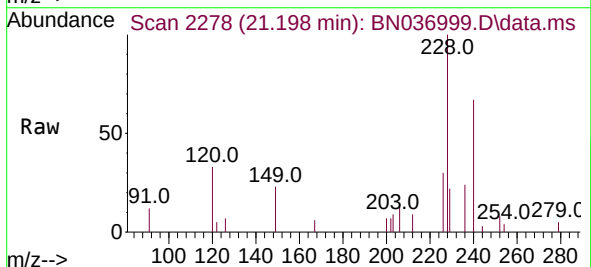


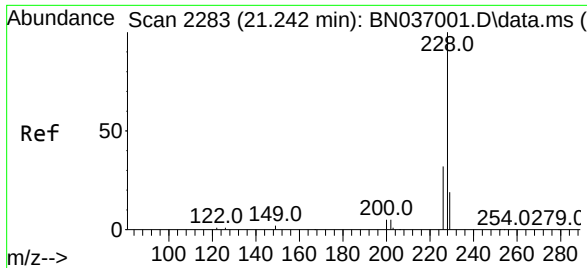
Tgt Ion:244 Resp: 1412  
 Ion Ratio Lower Upper  
 244 100  
 212 14.3 9.7 14.5  
 122 20.5 13.4 20.0#



#32  
 Benzo(a)anthracene  
 Concen: 0.097 ng  
 RT: 21.198 min Scan# 2278  
 Delta R.T. 0.000 min  
 Lab File: BN036999.D  
 Acq: 13 May 2025 17:41

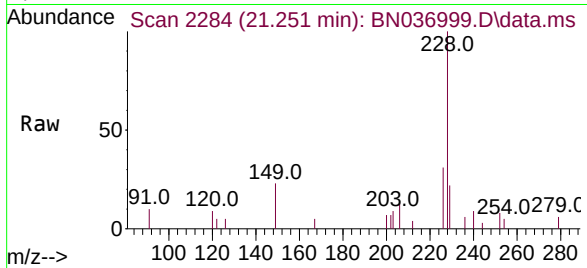
Tgt Ion:228 Resp: 2303  
 Ion Ratio Lower Upper  
 228 100  
 226 29.7 22.2 33.4  
 229 21.6 16.0 24.0



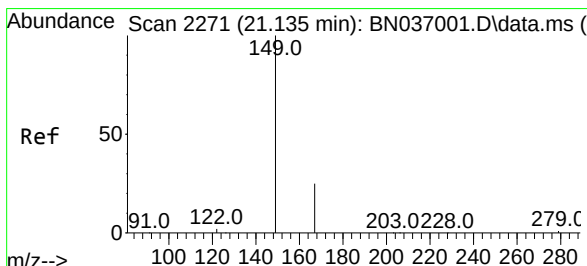
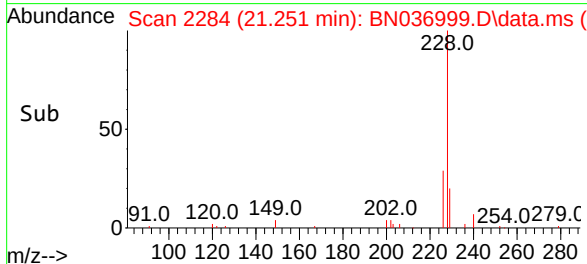
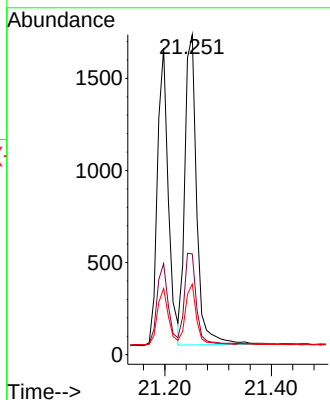


#33  
Chrysene  
Concen: 0.104 ng  
RT: 21.251 min Scan# 21251  
Delta R.T. 0.009 min  
Lab File: BN036999.D  
Acq: 13 May 2025 17:41

Instrument :  
BNA\_N  
ClientSampleId :

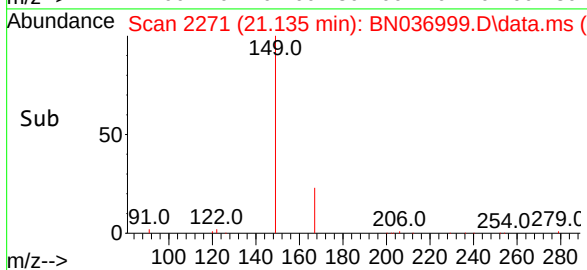
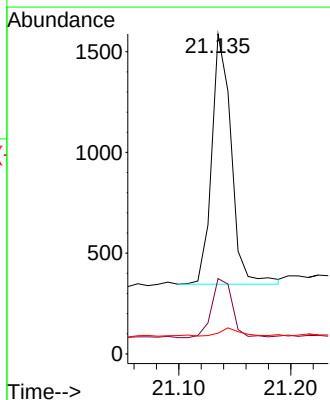
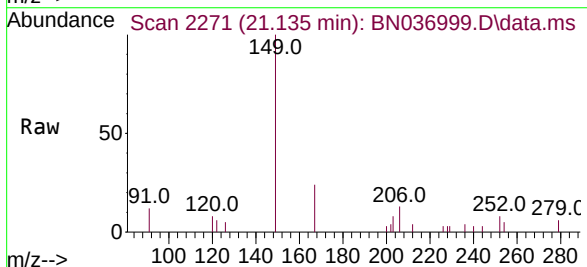


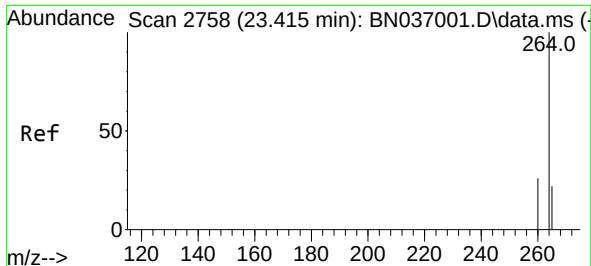
Tgt Ion:228 Resp: 2605  
Ion Ratio Lower Upper  
228 100  
226 31.5 26.3 39.5  
229 22.0 16.2 24.2



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.103 ng  
RT: 21.135 min Scan# 2271  
Delta R.T. 0.000 min  
Lab File: BN036999.D  
Acq: 13 May 2025 17:41

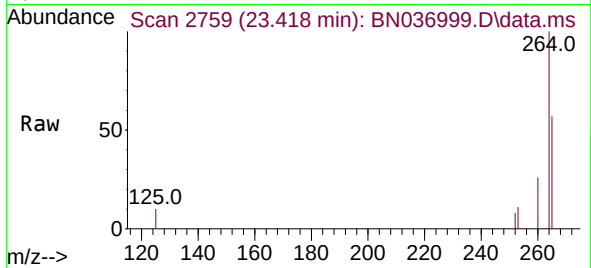
Tgt Ion:149 Resp: 1504  
Ion Ratio Lower Upper  
149 100  
167 25.1 20.6 30.8  
279 3.1 2.6 3.8





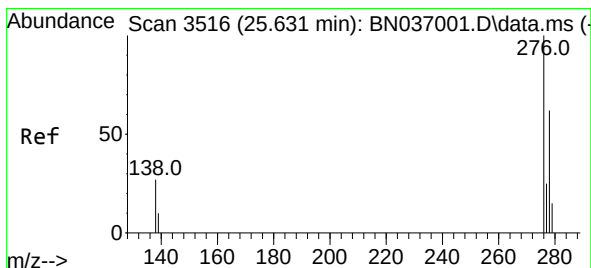
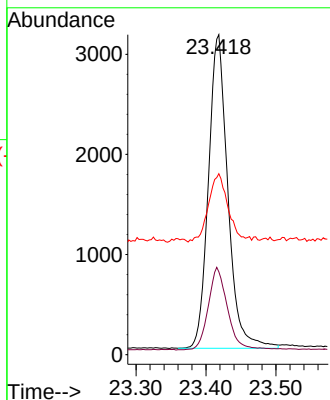
#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.418 min Scan# 21  
 Delta R.T. 0.003 min  
 Lab File: BN036999.D  
 Acq: 13 May 2025 17:41

Instrument :  
 BNA\_N  
 ClientSampleId :



Tgt Ion:264 Resp: 6037

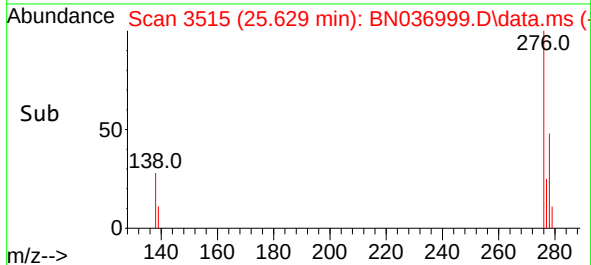
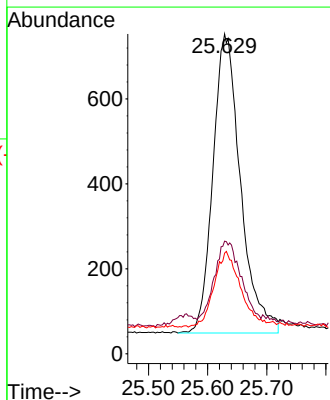
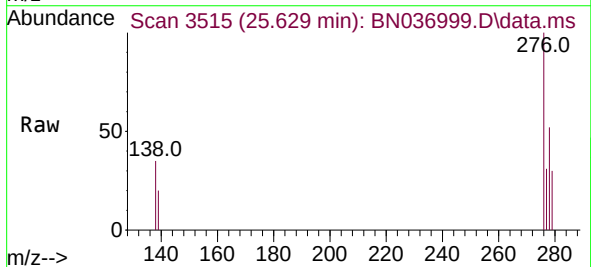
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 25.9  | 21.9  | 32.9  |
| 265 | 56.5  | 51.6  | 77.4  |

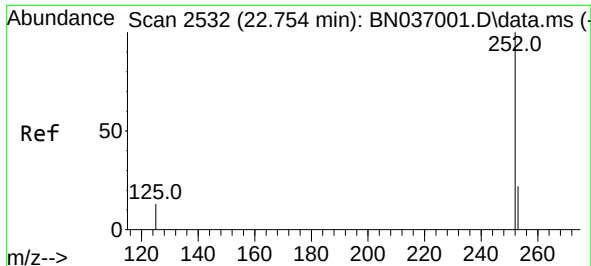


#36  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.092 ng  
 RT: 25.629 min Scan# 3515  
 Delta R.T. -0.003 min  
 Lab File: BN036999.D  
 Acq: 13 May 2025 17:41

Tgt Ion:276 Resp: 2280

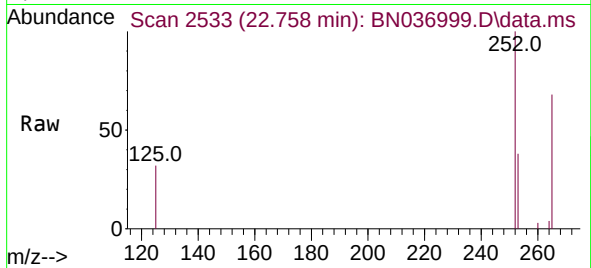
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 25.8  | 22.7  | 34.1  |
| 277 | 24.3  | 20.0  | 30.0  |



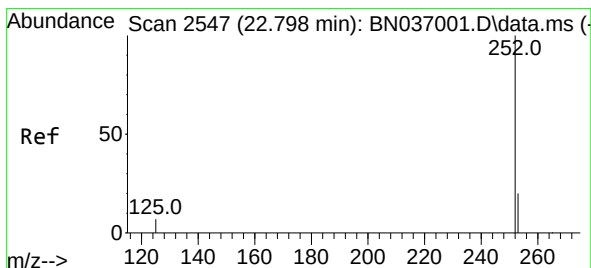
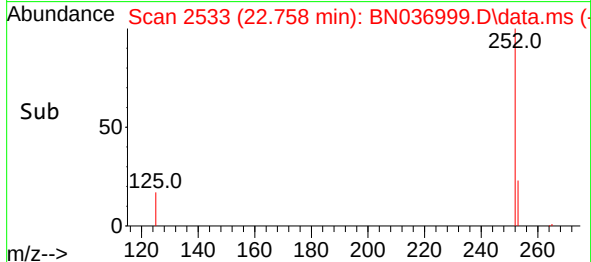
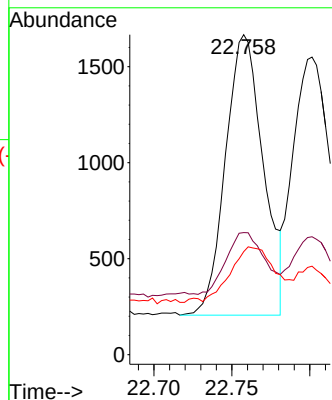


#37  
Benzo(b)fluoranthene  
Concen: 0.098 ng  
RT: 22.758 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: BN036999.D  
Acq: 13 May 2025 17:41

Instrument :  
BNA\_N  
ClientSampleId :

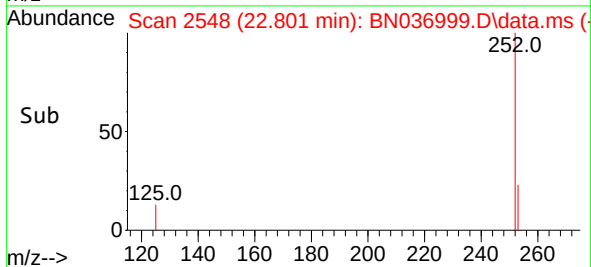
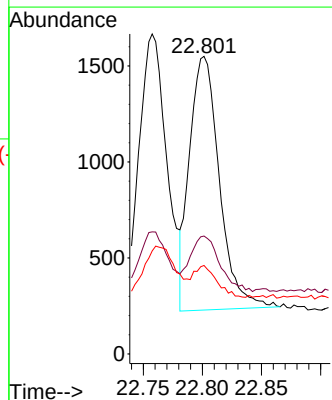
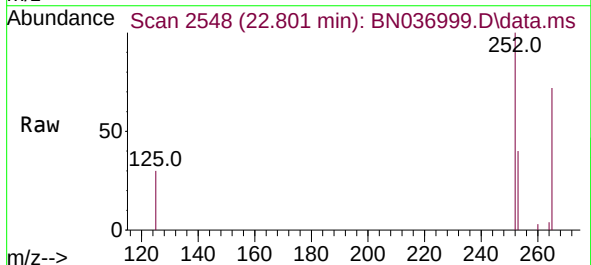


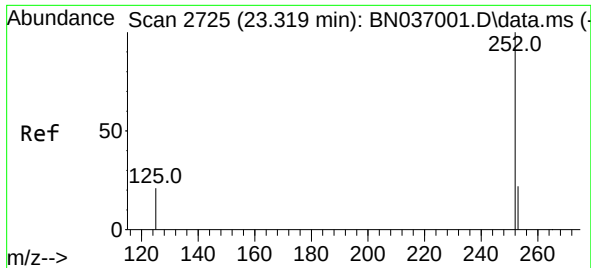
Tgt Ion:252 Resp: 2461  
Ion Ratio Lower Upper  
252 100  
253 38.2 21.8 32.6#  
125 32.2 14.6 21.8#



#38  
Benzo(k)fluoranthene  
Concen: 0.094 ng  
RT: 22.801 min Scan# 2548  
Delta R.T. 0.003 min  
Lab File: BN036999.D  
Acq: 13 May 2025 17:41

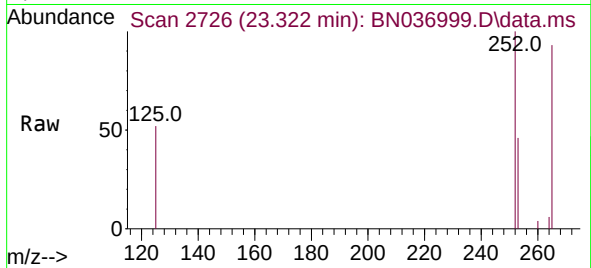
Tgt Ion:252 Resp: 2322  
Ion Ratio Lower Upper  
252 100  
253 39.6 21.4 32.2#  
125 29.7 13.0 19.4#



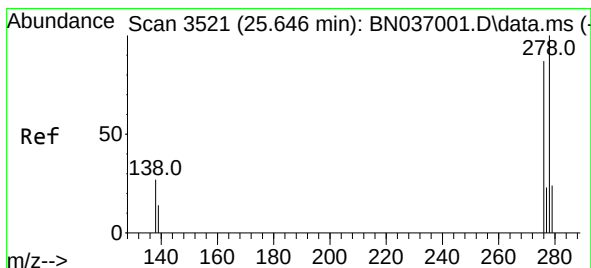
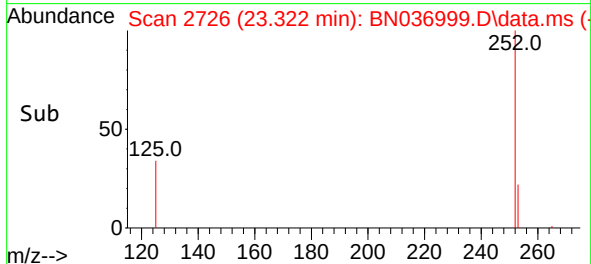
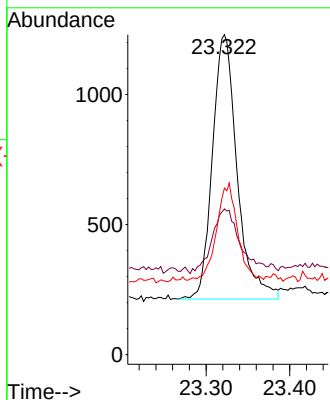


#39  
Benzo(a)pyrene  
Concen: 0.098 ng  
RT: 23.322 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: BN036999.D  
Acq: 13 May 2025 17:41

Instrument :  
BNA\_N  
ClientSampleId :

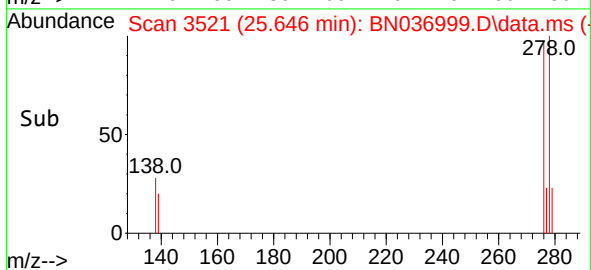
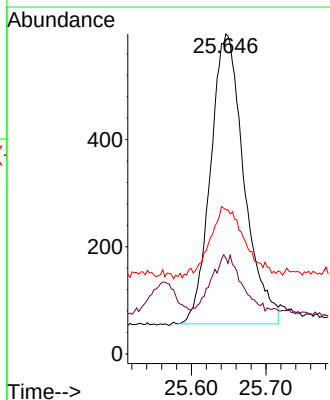
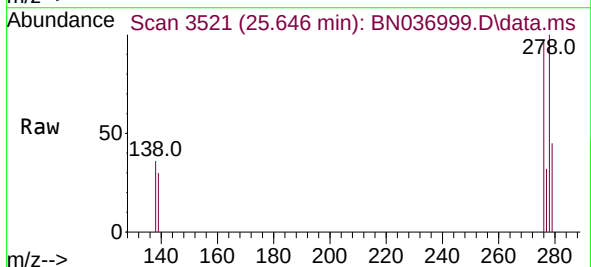


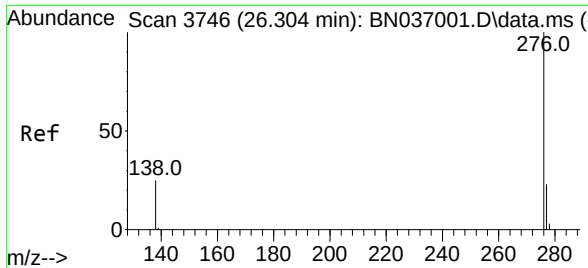
Tgt Ion:252 Resp: 2083  
Ion Ratio Lower Upper  
252 100  
253 45.5 23.8 35.6#  
125 52.0 21.8 32.6#



#40  
Dibenzo(a,h)anthracene  
Concen: 0.088 ng  
RT: 25.646 min Scan# 3521  
Delta R.T. 0.000 min  
Lab File: BN036999.D  
Acq: 13 May 2025 17:41

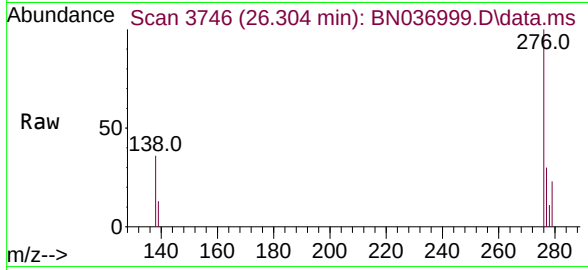
Tgt Ion:278 Resp: 1685  
Ion Ratio Lower Upper  
278 100  
139 30.0 17.4 26.0#  
279 45.1 24.6 37.0#





#41  
Benzo(g,h,i)perylene  
Concen: 0.094 ng  
RT: 26.304 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: BN036999.D  
Acq: 13 May 2025 17:41

Instrument :  
BNA\_N  
ClientSampleId :



Tgt Ion:276 Resp: 1960  
Ion Ratio Lower Upper  
276 100  
277 30.1 20.2 30.4  
138 35.5 22.0 33.0#

