

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101325\  
 Data File : BN038087.D  
 Acq On : 14 Oct 2025 04:19  
 Operator : RC/JU  
 Sample : Q3298-06MSD  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BP-VPB-184-GW-740-742MSD

Quant Time: Oct 14 04:44:06 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN092325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 24 11:00:01 2025  
 Response via : Initial Calibration

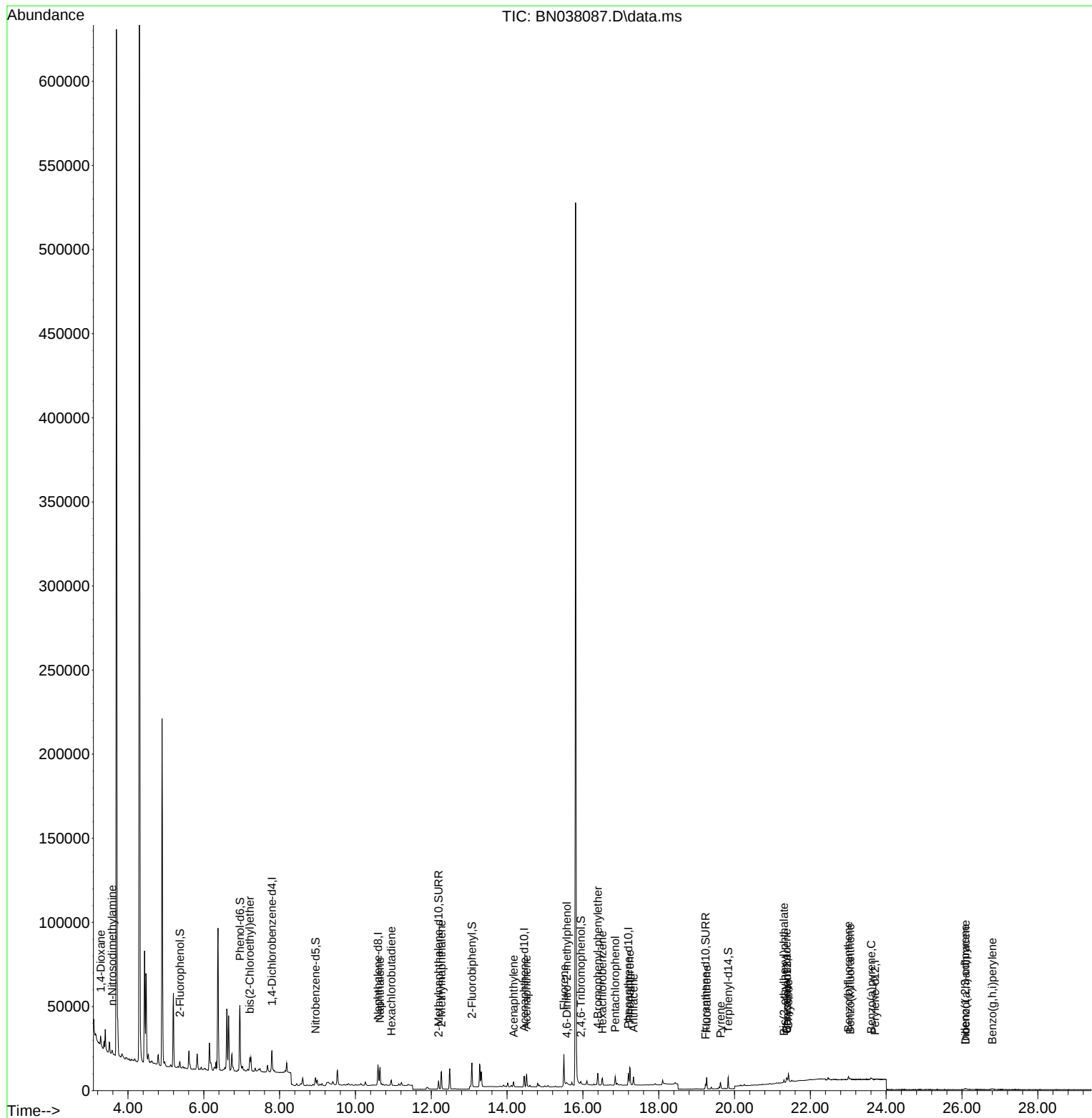
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.796  | 152  | 6052     | 0.400 | ng    | -0.03    |
| 7) Naphthalene-d8             | 10.594 | 136  | 15943    | 0.400 | ng    | #-0.03   |
| 13) Acenaphthene-d10          | 14.452 | 164  | 3279     | 0.400 | ng    | -0.02    |
| 19) Phenanthrene-d10          | 17.198 | 188  | 9259     | 0.400 | ng    | #-0.02   |
| 29) Chrysene-d12              | 21.384 | 240  | 1395     | 0.400 | ng    | #-0.02   |
| 35) Perylene-d12              | 23.706 | 264  | 59       | 0.400 | ng    | #-0.02   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.370  | 112  | 2791     | 0.202 | ng    | -0.01    |
| 5) Phenol-d6                  | 6.951  | 99   | 1922     | 0.106 | ng    | -0.02    |
| 8) Nitrobenzene-d5            | 8.950  | 82   | 3825     | 0.315 | ng    | -0.02    |
| 11) 2-Methylnaphthalene-d10   | 12.192 | 152  | 5786     | 0.261 | ng    | -0.03    |
| 14) 2,4,6-Tribromophenol      | 15.944 | 330  | 792      | 0.637 | ng    | -0.02    |
| 15) 2-Fluorobiphenyl          | 13.072 | 172  | 11734    | 0.874 | ng    | -0.02    |
| 27) Fluoranthene-d10          | 19.238 | 212  | 3375     | 0.145 | ng    | -0.01    |
| 31) Terphenyl-d14             | 19.833 | 244  | 6153     | 2.214 | ng    | -0.02    |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.283  | 88   | 4280     | 0.697 | ng    | # 76     |
| 3) n-Nitrosodimethylamine     | 3.586  | 42   | 1205     | 0.147 | ng    | # 74     |
| 6) bis(2-Chloroethyl)ether    | 7.211  | 93   | 5399     | 0.321 | ng    | # 87     |
| 9) Naphthalene                | 10.648 | 128  | 13896    | 0.316 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.946 | 225  | 2302     | 0.307 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.268 | 142  | 7718     | 0.269 | ng    | 99       |
| 16) Acenaphthylene            | 14.174 | 152  | 3670     | 0.247 | ng    | 100      |
| 17) Acenaphthene              | 14.516 | 154  | 4085     | 0.385 | ng    | 93       |
| 18) Fluorene                  | 15.499 | 166  | 12500    | 0.974 | ng    | # 62     |
| 20) 4,6-Dinitro-2-methylph... | 15.572 | 198  | 558      | 0.527 | ng    | # 1      |
| 21) 4-Bromophenyl-phenylether | 16.391 | 248  | 2615     | 0.433 | ng    | # 87     |
| 22) Hexachlorobenzene         | 16.515 | 284  | 3494     | 0.478 | ng    | 98       |
| 24) Pentachlorophenol         | 16.851 | 266  | 2534     | 1.009 | ng    | 93       |
| 25) Phenanthrene              | 17.235 | 178  | 12812    | 0.420 | ng    | 99       |
| 26) Anthracene                | 17.335 | 178  | 5302     | 0.201 | ng    | 98       |
| 28) Fluoranthene              | 19.266 | 202  | 6037     | 0.180 | ng    | 99       |
| 30) Pyrene                    | 19.629 | 202  | 3813     | 0.692 | ng    | 98       |
| 32) Benzo(a)anthracene        | 21.375 | 228  | 2019     | 0.414 | ng    | 94       |
| 33) Chrysene                  | 21.420 | 228  | 4643     | 0.881 | ng    | 97       |
| 34) Bis(2-ethylhexyl)phtha... | 21.304 | 149  | 1679     | 0.871 | ng    | # 97     |
| 36) Indeno(1,2,3-cd)pyrene    | 26.086 | 276  | 656      | 2.433 | ng    | # 64     |
| 37) Benzo(b)fluoranthene      | 23.005 | 252  | 2316     | 9.102 | ng    | # 8      |
| 38) Benzo(k)fluoranthene      | 23.051 | 252  | 809      | 3.160 | ng    | # 1      |
| 39) Benzo(a)pyrene            | 23.607 | 252  | 800      | 3.976 | ng    | # 1      |
| 40) Dibenzo(a,h)anthracene    | 26.098 | 278  | 978      | 4.646 | ng    | # 1      |
| 41) Benzo(g,h,i)perylene      | 26.799 | 276  | 1194     | 5.399 | ng    | # 57     |
| -----                         |        |      |          |       |       |          |

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

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Sample : Q3298-06MSD  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
BP-VPB-184-GW-740-742MSD

Quant Time: Oct 14 04:44:06 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN092325.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Sep 24 11:00:01 2025  
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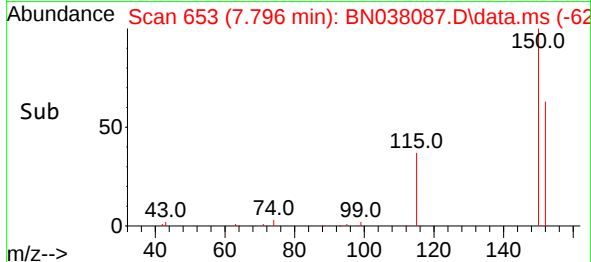
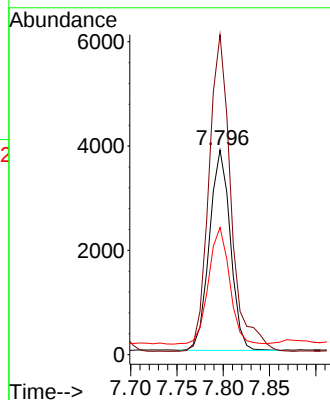
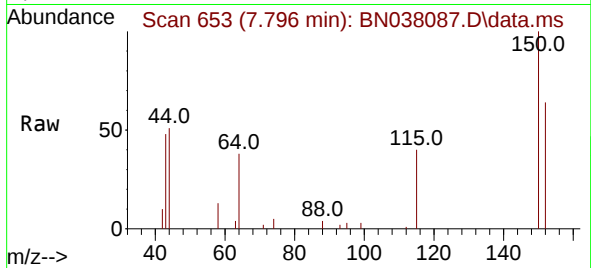




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.796 min Scan# 61  
Delta R.T. -0.029 min  
Lab File: BN038087.D  
Acq: 14 Oct 2025 04:19

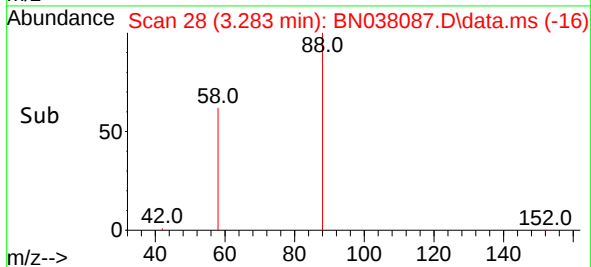
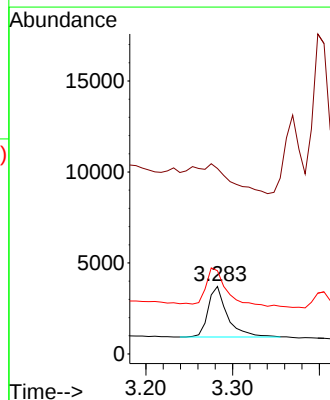
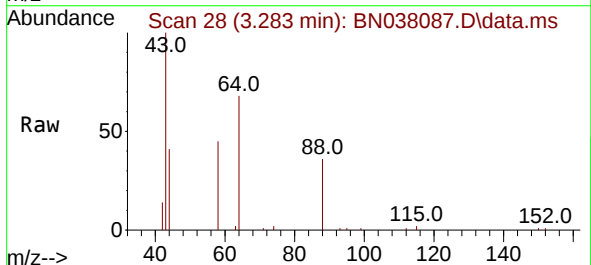
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-184-GW-740-742MSD

Tgt Ion:152 Resp: 6052  
Ion Ratio Lower Upper  
152 100  
150 156.4 121.0 181.4  
115 62.2 47.4 71.0



#2  
1,4-Dioxane  
Concen: 0.697 ng  
RT: 3.283 min Scan# 28  
Delta R.T. -0.015 min  
Lab File: BN038087.D  
Acq: 14 Oct 2025 04:19

Tgt Ion: 88 Resp: 4280  
Ion Ratio Lower Upper  
88 100  
43 0.0 26.6 39.8#  
58 80.7 58.9 88.3

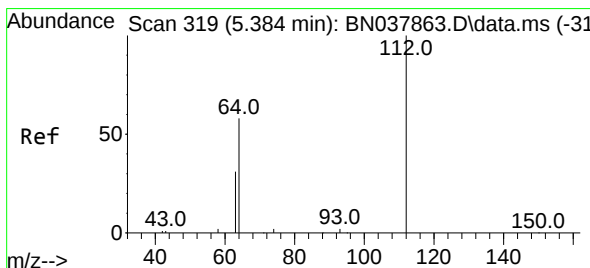
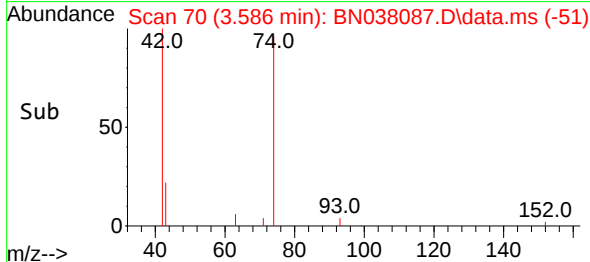
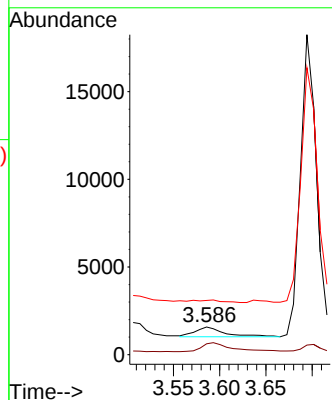
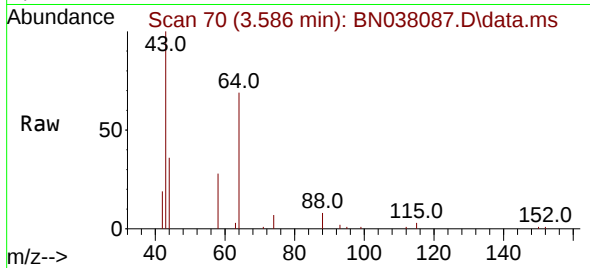




#3  
n-Nitrosodimethylamine  
Concen: 0.147 ng  
RT: 3.586 min Scan# 70  
Delta R.T. -0.015 min  
Lab File: BN038087.D  
Acq: 14 Oct 2025 04:19

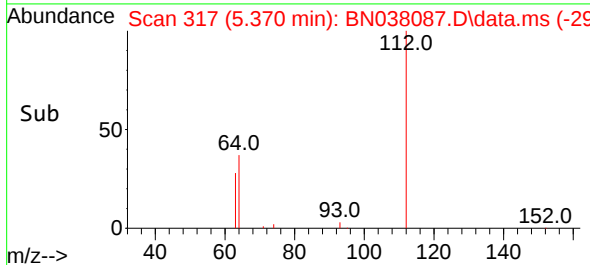
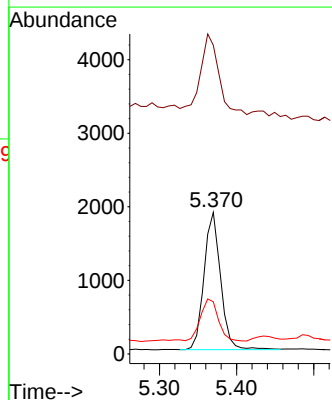
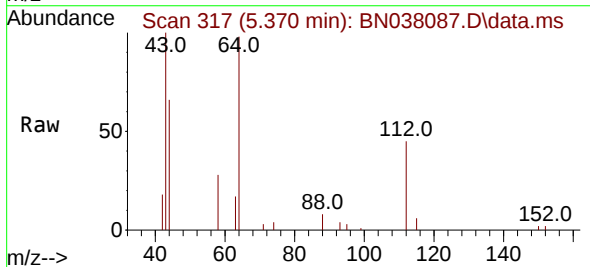
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-184-GW-740-742MSD

Tgt Ion: 42 Resp: 1205  
Ion Ratio Lower Upper  
42 100  
74 95.4 93.4 140.0  
44 0.0 22.2 33.4#



#4  
2-Fluorophenol  
Concen: 0.202 ng  
RT: 5.370 min Scan# 317  
Delta R.T. -0.015 min  
Lab File: BN038087.D  
Acq: 14 Oct 2025 04:19

Tgt Ion: 112 Resp: 2791  
Ion Ratio Lower Upper  
112 100  
64 65.6 44.6 66.8  
63 35.7 24.9 37.3

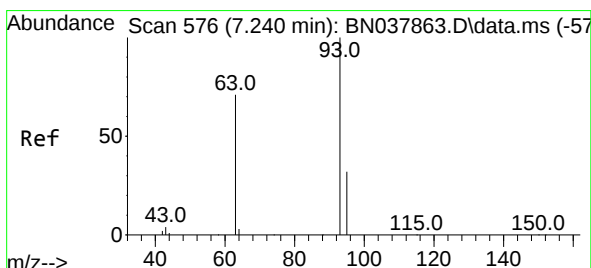
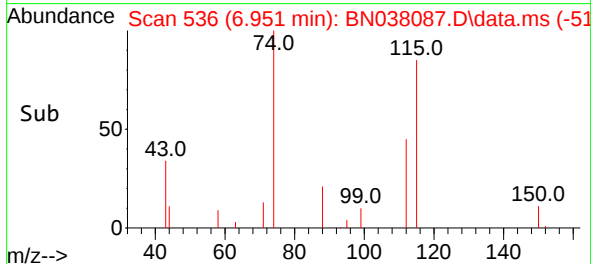
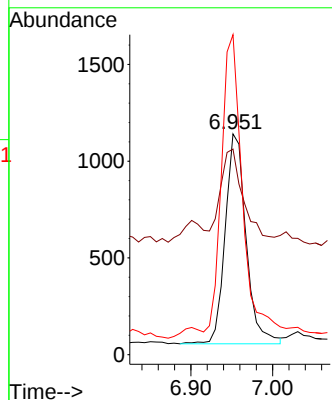
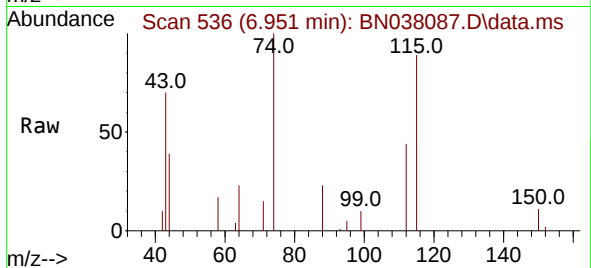




#5  
Phenol-d6  
Concen: 0.106 ng  
RT: 6.951 min Scan# 51  
Delta R.T. -0.022 min  
Lab File: BN038087.D  
Acq: 14 Oct 2025 04:19

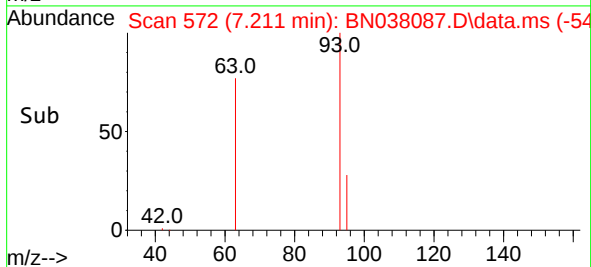
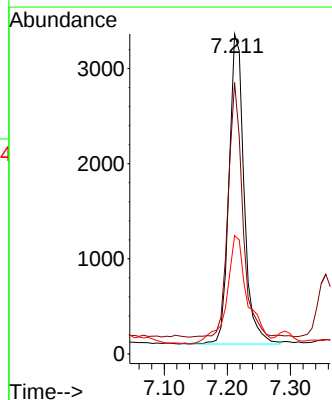
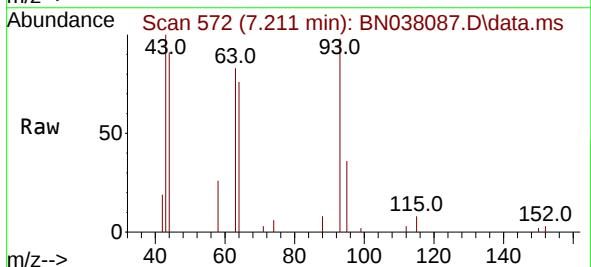
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-184-GW-740-742MSD

Tgt Ion: 99 Resp: 1922  
Ion Ratio Lower Upper  
99 100  
42 43.3 17.2 25.8#  
71 146.6 27.3 40.9#



#6  
bis(2-Chloroethyl)ether  
Concen: 0.321 ng  
RT: 7.211 min Scan# 572  
Delta R.T. -0.029 min  
Lab File: BN038087.D  
Acq: 14 Oct 2025 04:19

Tgt Ion: 93 Resp: 5399  
Ion Ratio Lower Upper  
93 100  
63 80.0 60.1 90.1  
95 49.1 25.4 38.2#

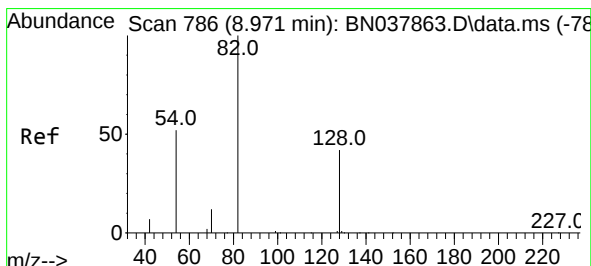
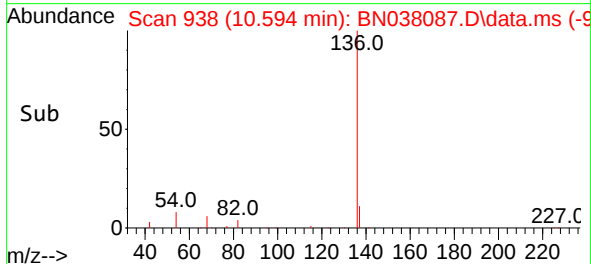
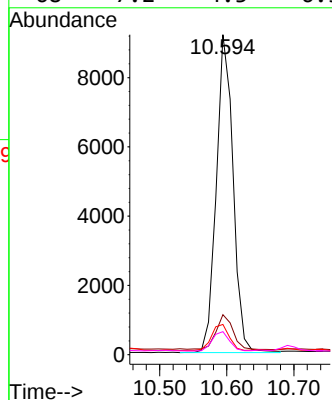
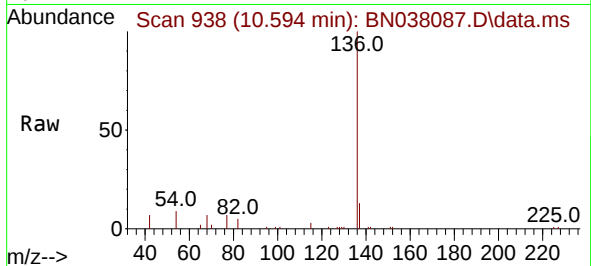




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.594 min Scan# 91  
Delta R.T. -0.032 min  
Lab File: BN038087.D  
Acq: 14 Oct 2025 04:19

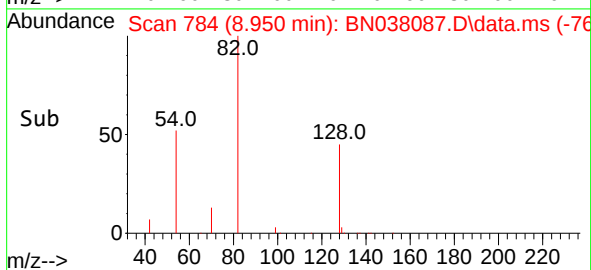
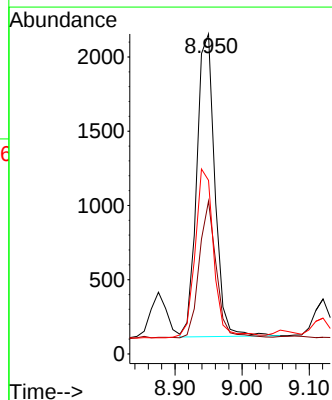
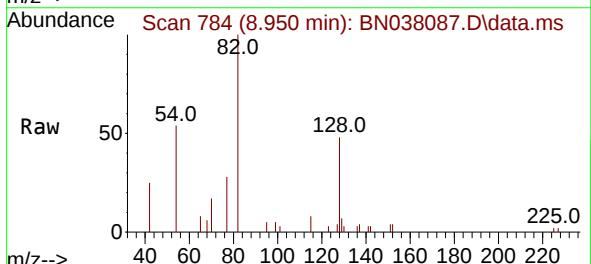
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-184-GW-740-742MSD

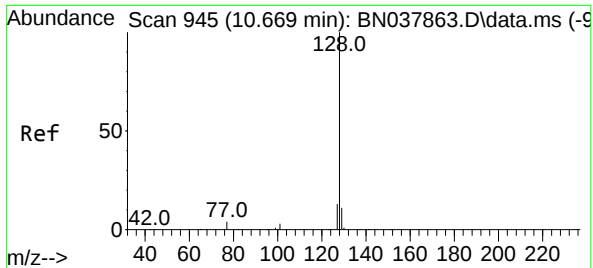
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|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 15943 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 12.5  | 9.0   | 13.4  |
| 54        | 9.4   | 5.8   | 8.8#  |
| 68        | 7.2   | 4.3   | 6.5#  |



#8  
Nitrobenzene-d5  
Concen: 0.315 ng  
RT: 8.950 min Scan# 784  
Delta R.T. -0.021 min  
Lab File: BN038087.D  
Acq: 14 Oct 2025 04:19

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 3825 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 47.7  | 34.8  | 52.2 |
| 54        | 54.2  | 42.2  | 63.2 |

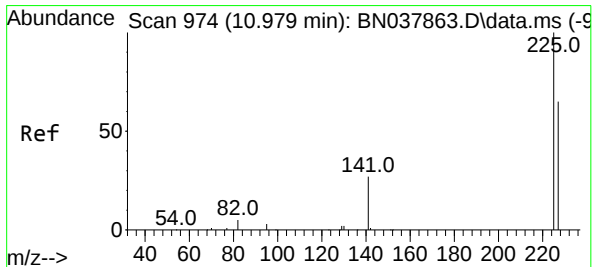
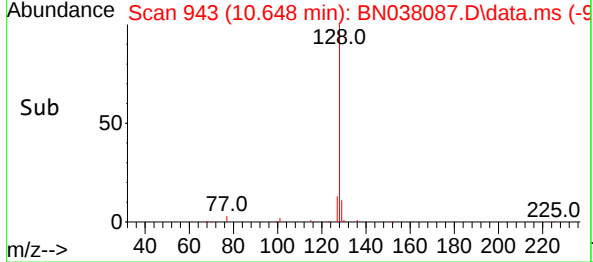
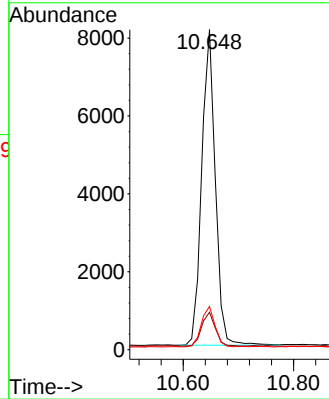
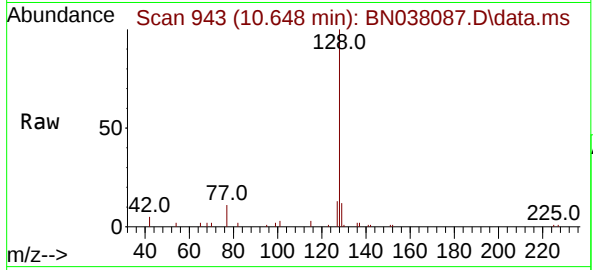




#9  
Naphthalene  
Concen: 0.316 ng  
RT: 10.648 min Scan# 941  
Delta R.T. -0.021 min  
Lab File: BN038087.D  
Acq: 14 Oct 2025 04:19

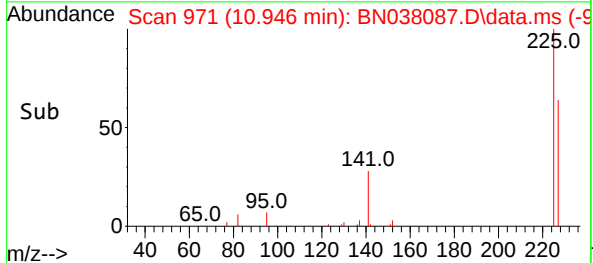
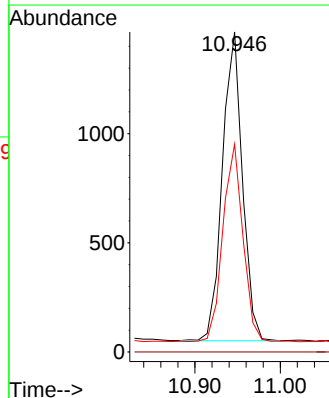
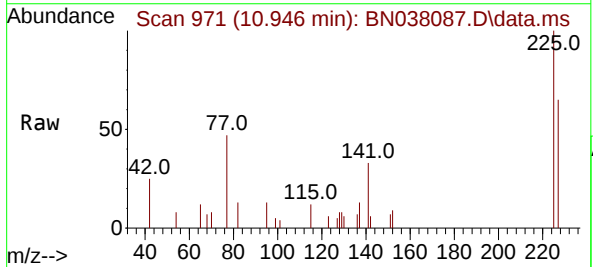
Instrument :  
BNA\_N  
ClientSampleId :  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 13896 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 11.7  | 9.2   | 13.8  |
| 127      | 13.5  | 11.0  | 16.6  |



#10  
Hexachlorobutadiene  
Concen: 0.307 ng  
RT: 10.946 min Scan# 971  
Delta R.T. -0.032 min  
Lab File: BN038087.D  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 2302  |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 0.0   | 0.0   | 0.0   |
| 227      | 64.3  | 51.4  | 77.2  |

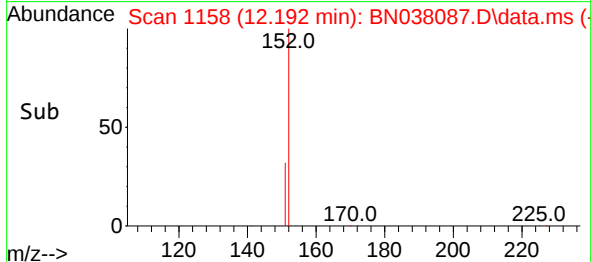
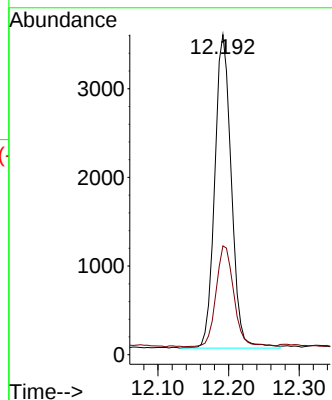
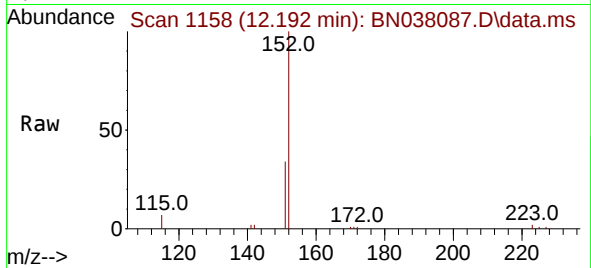




#11  
2-Methylnaphthalene-d10  
Concen: 0.261 ng  
RT: 12.192 min Scan# 1163  
Delta R.T. -0.026 min  
Lab File: BN038087.D  
Acq: 14 Oct 2025 04:19

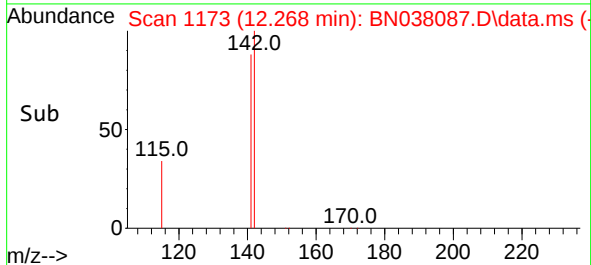
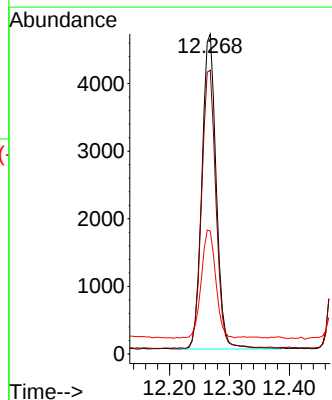
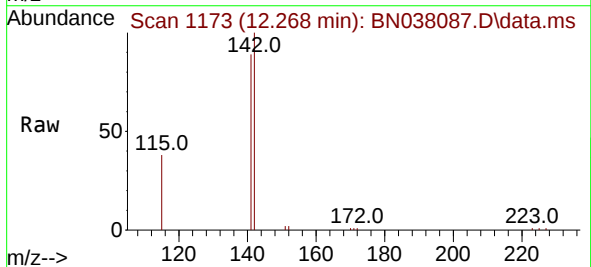
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-184-GW-740-742MSD

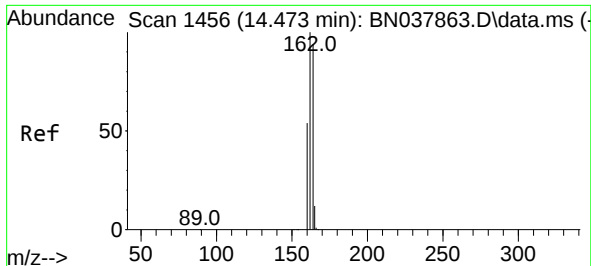
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Ion Ratio Lower Upper  
152 100  
151 34.5 17.4 26.2#



#12  
2-Methylnaphthalene  
Concen: 0.269 ng  
RT: 12.268 min Scan# 1173  
Delta R.T. -0.025 min  
Lab File: BN038087.D  
Acq: 14 Oct 2025 04:19

Tgt Ion:142 Resp: 7718  
Ion Ratio Lower Upper  
142 100  
141 88.7 71.2 106.8  
115 38.5 29.7 44.5

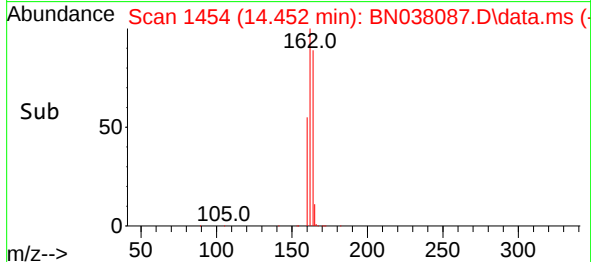
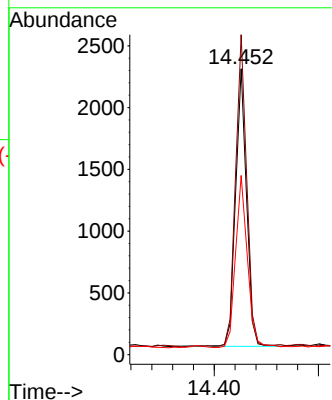
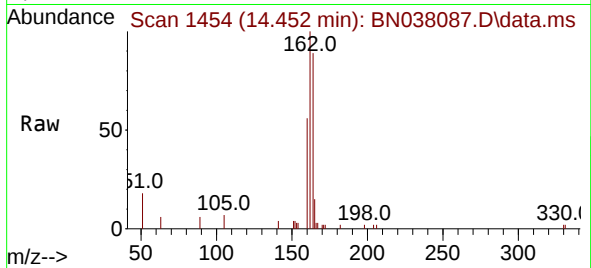




#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.452 min Scan# 1456  
 Delta R.T. -0.022 min  
 Lab File: BN038087.D  
 Acq: 14 Oct 2025 04:19

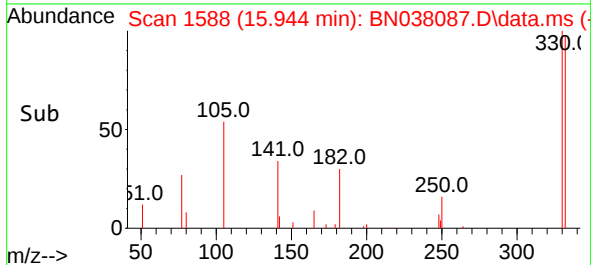
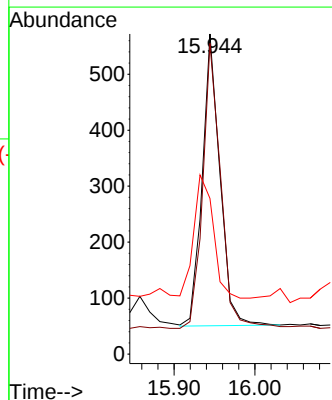
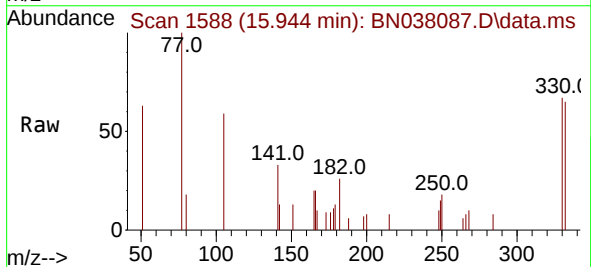
Instrument :  
 BNA\_N  
 ClientSampleId :  
 BP-VPB-184-GW-740-742MSD

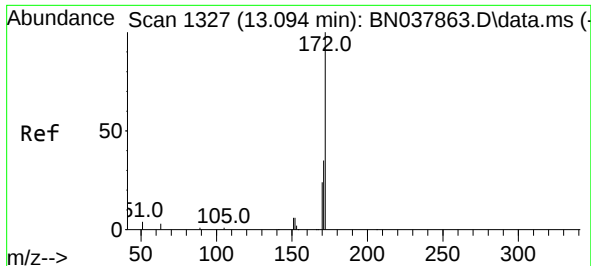
Tgt Ion:164 Resp: 3279  
 Ion Ratio Lower Upper  
 164 100  
 162 111.9 84.8 127.2  
 160 62.7 46.1 69.1



#14  
 2,4,6-Tribromophenol  
 Concen: 0.637 ng  
 RT: 15.944 min Scan# 1588  
 Delta R.T. -0.025 min  
 Lab File: BN038087.D  
 Acq: 14 Oct 2025 04:19

Tgt Ion:330 Resp: 792  
 Ion Ratio Lower Upper  
 330 100  
 332 99.4 77.2 115.8  
 141 54.7 37.2 55.8

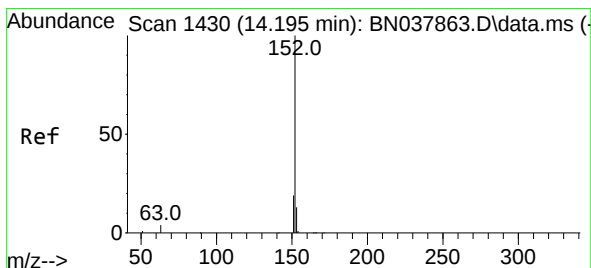
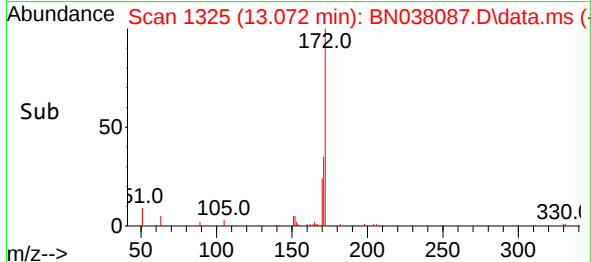
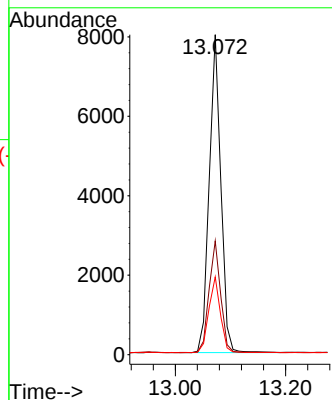
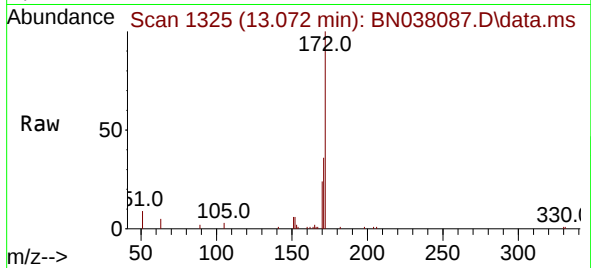




#15  
2-Fluorobiphenyl  
Concen: 0.874 ng  
RT: 13.072 min Scan# 11  
Delta R.T. -0.022 min  
Lab File: BN038087.D  
Acq: 14 Oct 2025 04:19

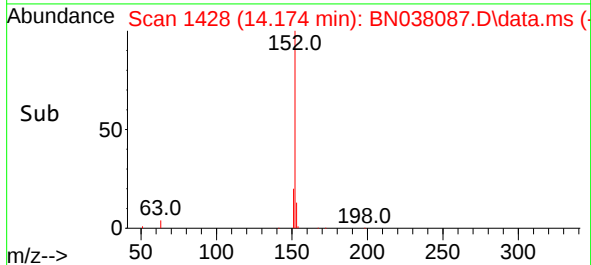
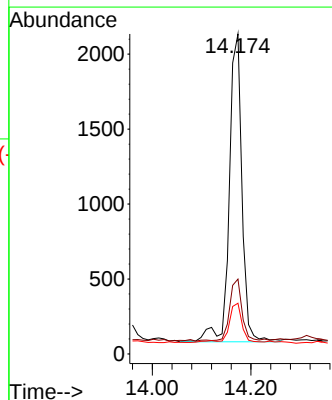
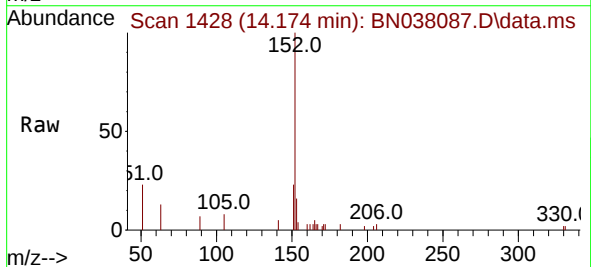
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-184-GW-740-742MSD

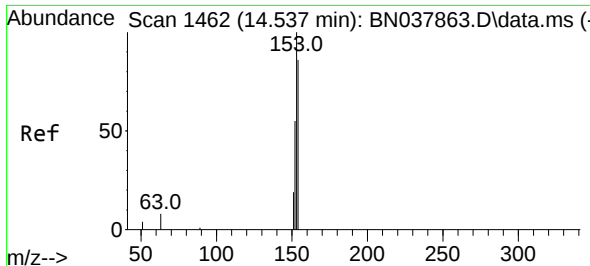
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 11734 |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 35.6  | 28.6  | 43.0  |
| 170      | 24.3  | 19.7  | 29.5  |



#16  
Acenaphthylene  
Concen: 0.247 ng  
RT: 14.174 min Scan# 1428  
Delta R.T. -0.022 min  
Lab File: BN038087.D  
Acq: 14 Oct 2025 04:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 3670  |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 19.7  | 15.8  | 23.8  |
| 153      | 12.8  | 10.5  | 15.7  |

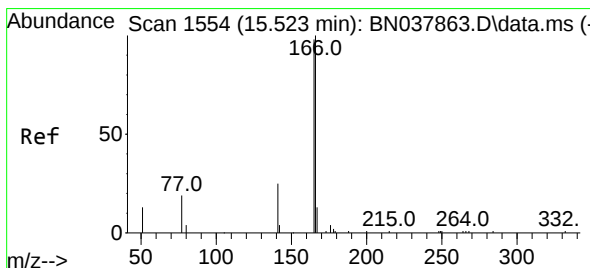
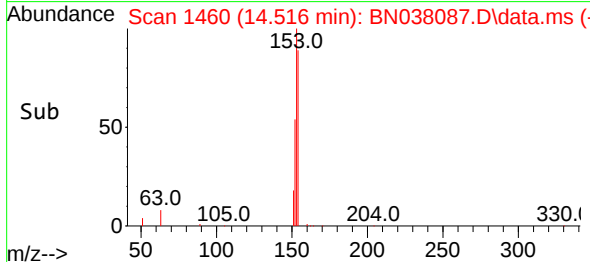
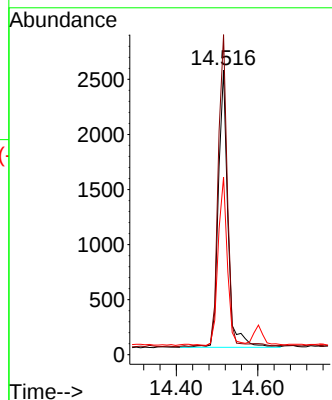
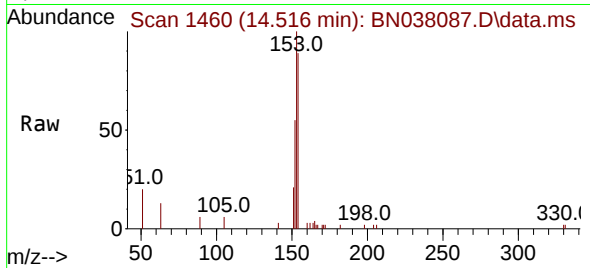




#17  
Acenaphthene  
Concen: 0.385 ng  
RT: 14.516 min Scan# 1460  
Delta R.T. -0.022 min  
Lab File: BN038087.D  
Acq: 14 Oct 2025 04:19

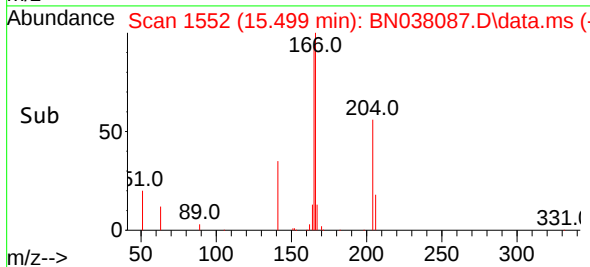
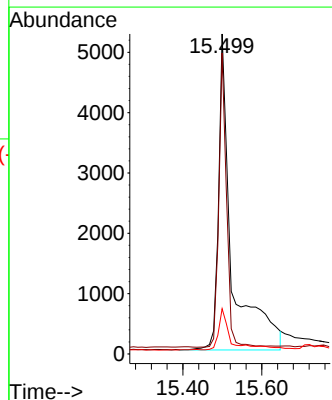
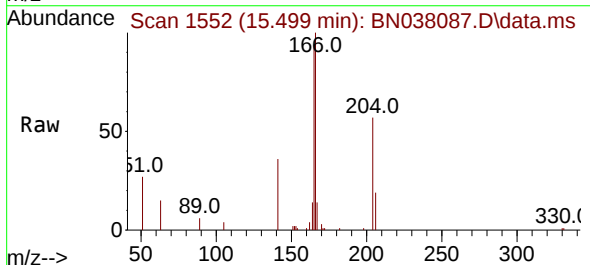
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-184-GW-740-742MSD

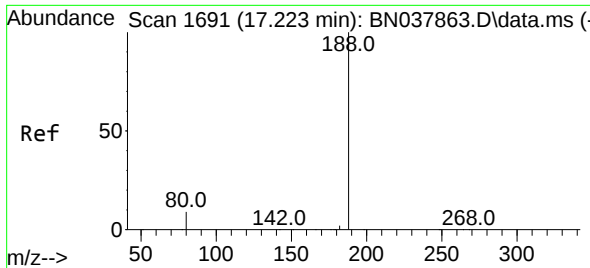
Tgt Ion:154 Resp: 4085  
Ion Ratio Lower Upper  
154 100  
153 106.6 90.5 135.7  
152 58.1 51.8 77.8



#18  
Fluorene  
Concen: 0.974 ng  
RT: 15.499 min Scan# 1552  
Delta R.T. -0.023 min  
Lab File: BN038087.D  
Acq: 14 Oct 2025 04:19

Tgt Ion:166 Resp: 12500  
Ion Ratio Lower Upper  
166 100  
165 56.0 79.0 118.4#  
167 11.5 10.6 16.0

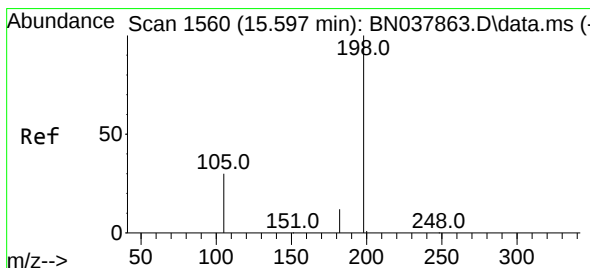
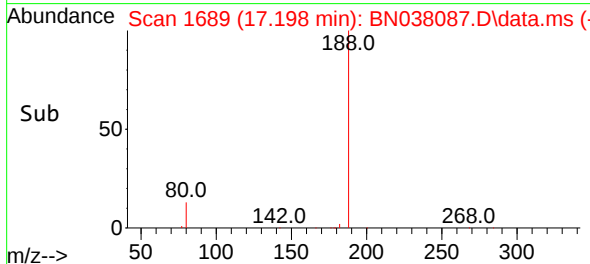
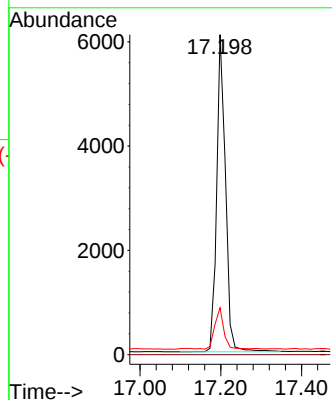
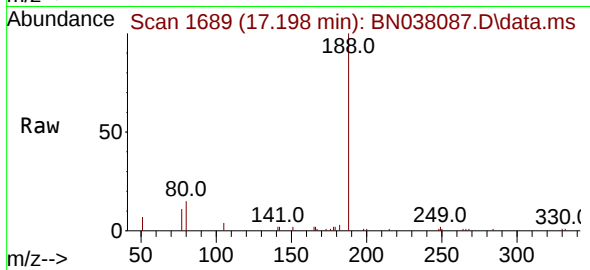




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.198 min Scan# 11  
Delta R.T. -0.025 min  
Lab File: BN038087.D  
Acq: 14 Oct 2025 04:19

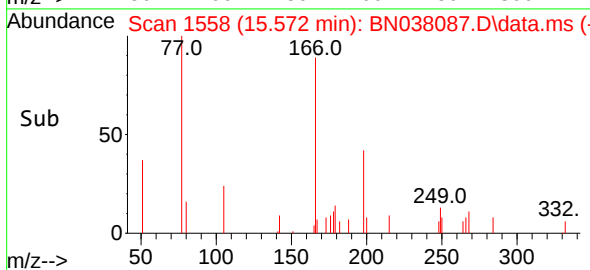
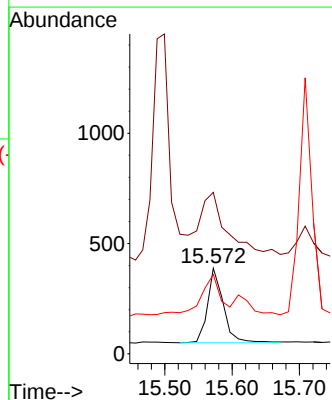
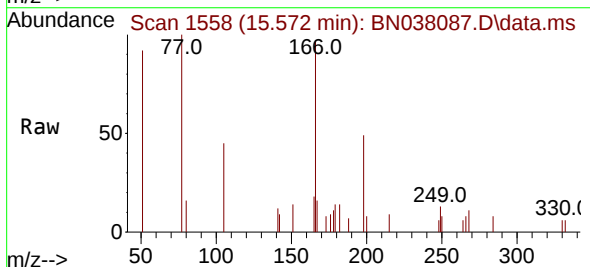
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-184-GW-740-742MSD

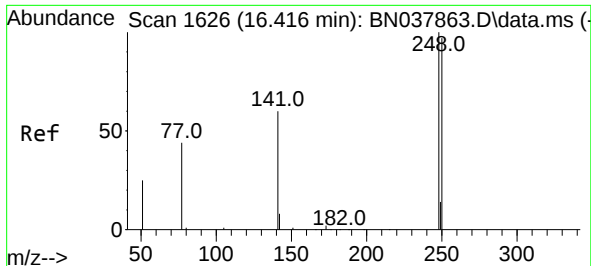
Tgt Ion:188 Resp: 9259  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 14.6 7.6 11.4#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.527 ng  
RT: 15.572 min Scan# 1558  
Delta R.T. -0.025 min  
Lab File: BN038087.D  
Acq: 14 Oct 2025 04:19

Tgt Ion:198 Resp: 558  
Ion Ratio Lower Upper  
198 100  
51 188.7 59.1 88.7#  
105 92.5 41.3 61.9#

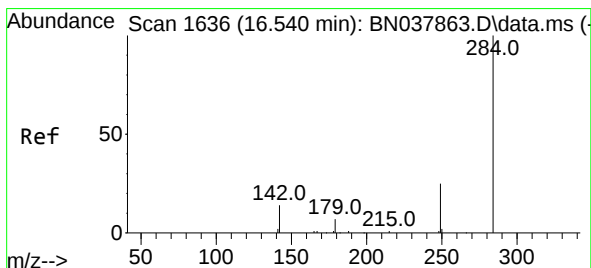
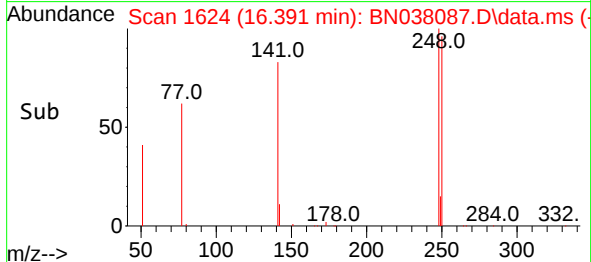
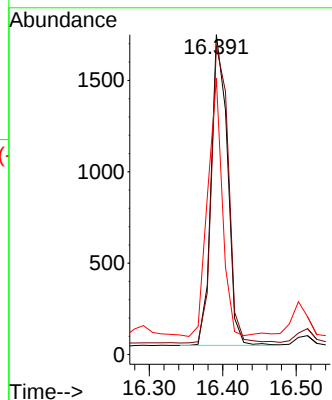
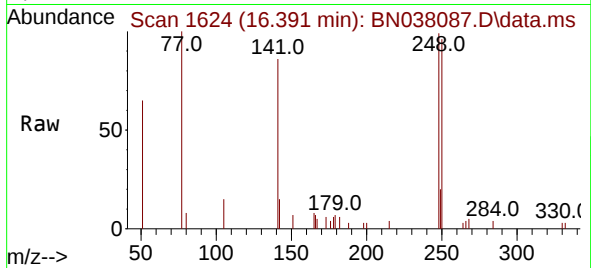




#21  
4-Bromophenyl-phenylether  
Concen: 0.433 ng  
RT: 16.391 min Scan# 1624  
Delta R.T. -0.025 min  
Lab File: BN038087.D  
Acq: 14 Oct 2025 04:19

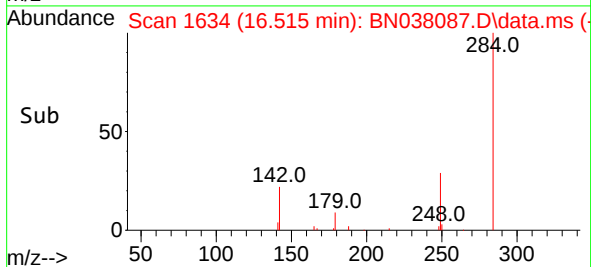
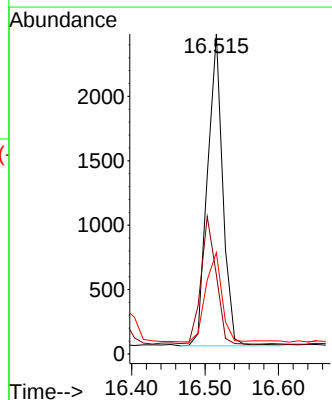
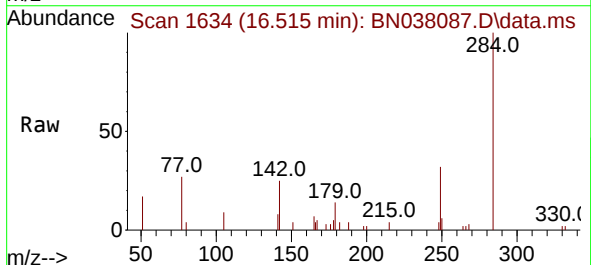
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-184-GW-740-742MSD

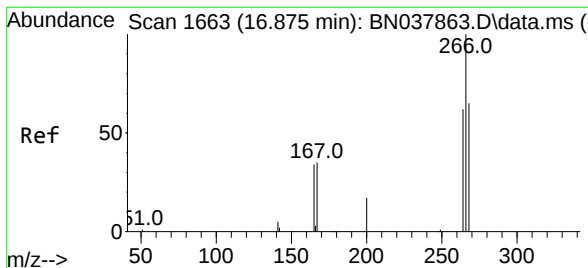
Tgt Ion:248 Resp: 2615  
Ion Ratio Lower Upper  
248 100  
250 96.5 77.6 116.4  
141 86.3 48.8 73.2#



#22  
Hexachlorobenzene  
Concen: 0.478 ng  
RT: 16.515 min Scan# 1634  
Delta R.T. -0.025 min  
Lab File: BN038087.D  
Acq: 14 Oct 2025 04:19

Tgt Ion:284 Resp: 3494  
Ion Ratio Lower Upper  
284 100  
142 40.5 30.9 46.3  
249 30.0 23.9 35.9





#24

Pentachlorophenol

Concen: 1.009 ng

RT: 16.851 min Scan# 1661

Delta R.T. -0.024 min

Lab File: BN038087.D

Acq: 14 Oct 2025 04:19

Instrument :

BNA\_N

ClientSampleId :

BP-VPB-184-GW-740-742MSD

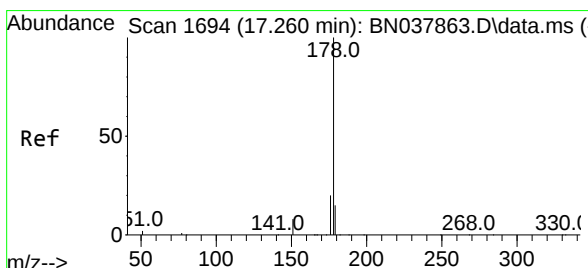
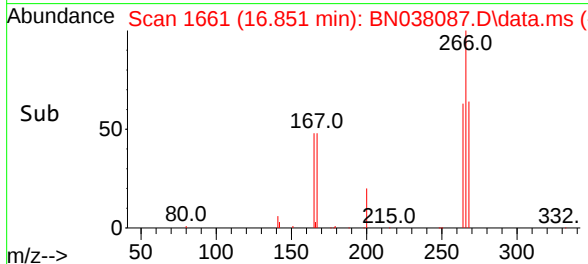
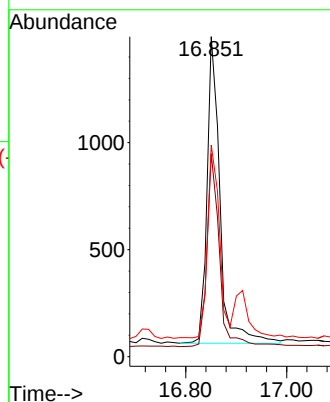
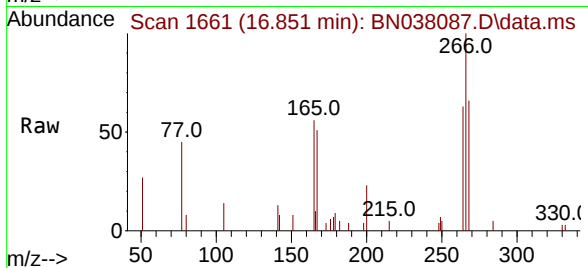
Tgt Ion:266 Resp: 2534

Ion Ratio Lower Upper

266 100

264 60.8 50.9 76.3

268 59.0 54.3 81.5



#25

Phenanthrene

Concen: 0.420 ng

RT: 17.235 min Scan# 1692

Delta R.T. -0.025 min

Lab File: BN038087.D

Acq: 14 Oct 2025 04:19

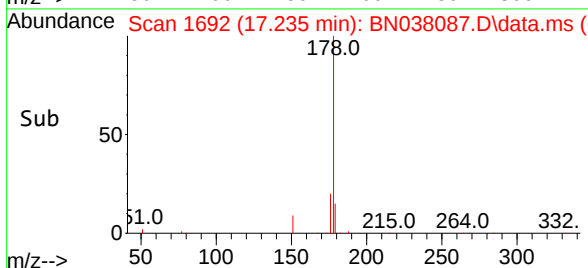
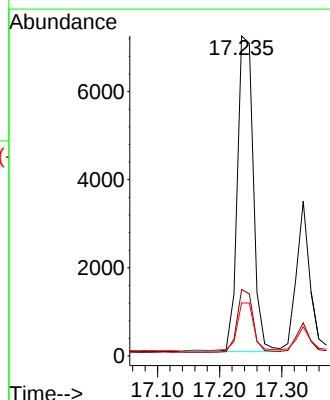
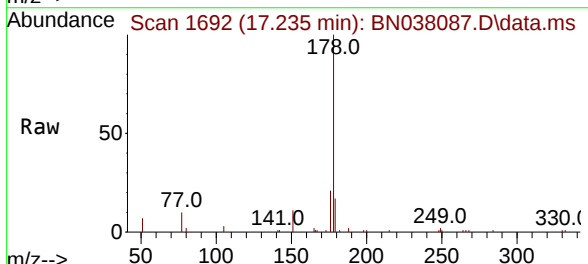
Tgt Ion:178 Resp: 12812

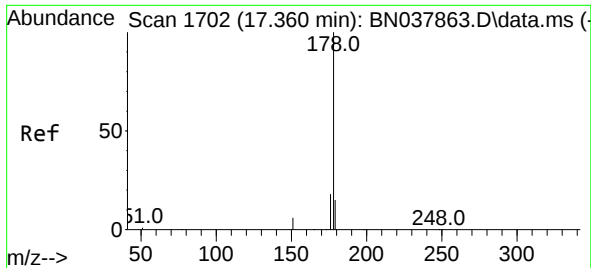
Ion Ratio Lower Upper

178 100

176 19.8 15.7 23.5

179 15.7 12.3 18.5

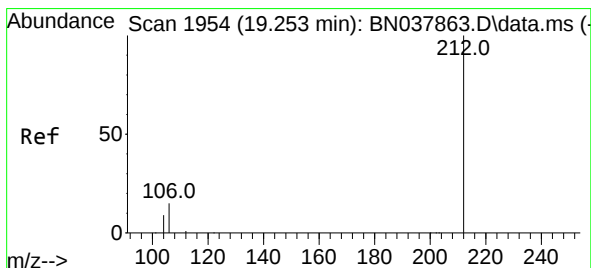
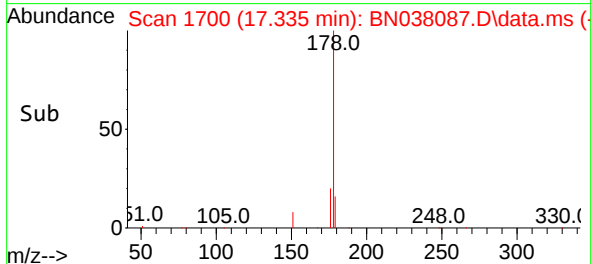
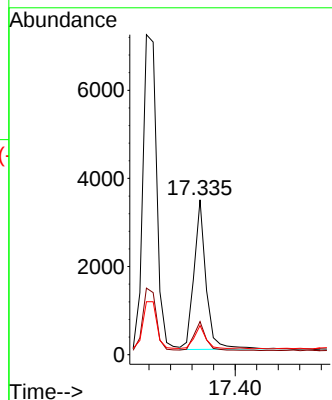
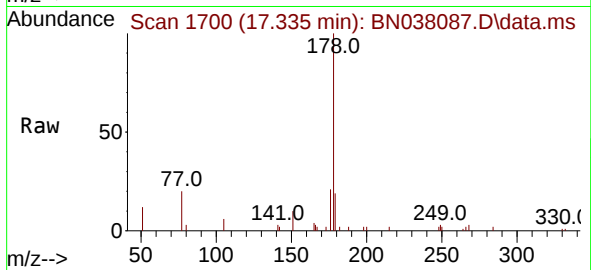




#26  
 Anthracene  
 Concen: 0.201 ng  
 RT: 17.335 min Scan# 1700  
 Delta R.T. -0.025 min  
 Lab File: BN038087.D  
 Acq: 14 Oct 2025 04:19

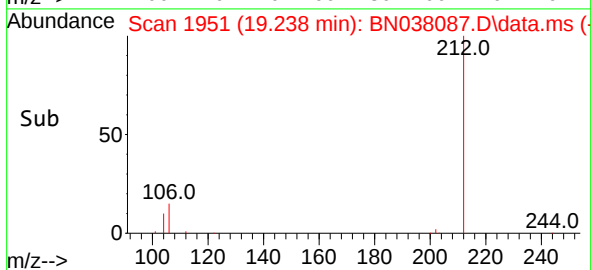
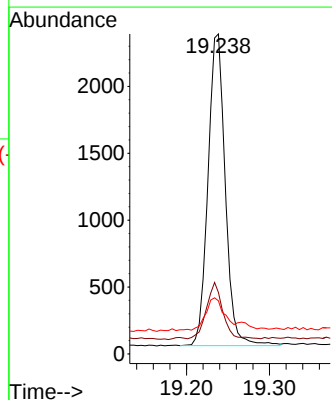
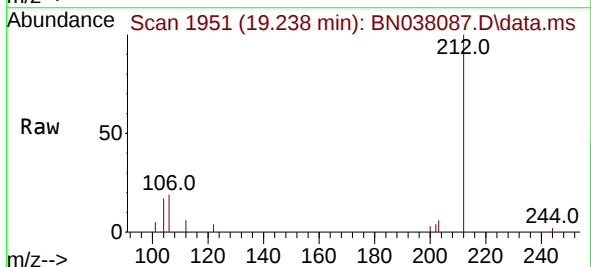
Instrument :  
 BNA\_N  
 ClientSampleId :  
 BP-VPB-184-GW-740-742MSD

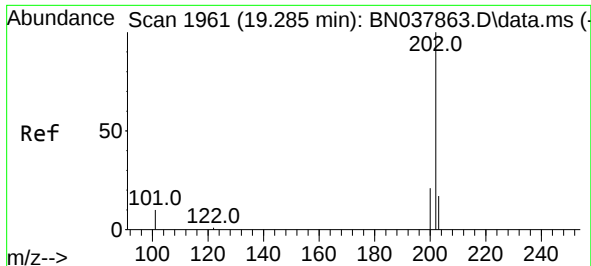
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:178 | Resp: | 5302      |
| Ion Ratio   | Lower | Upper     |
| 178         | 100   |           |
| 176         | 20.2  | 15.0 22.4 |
| 179         | 16.0  | 12.3 18.5 |



#27  
 Fluoranthene-d10  
 Concen: 0.145 ng  
 RT: 19.238 min Scan# 1951  
 Delta R.T. -0.014 min  
 Lab File: BN038087.D  
 Acq: 14 Oct 2025 04:19

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:212 | Resp: | 3375      |
| Ion Ratio   | Lower | Upper     |
| 212         | 100   |           |
| 106         | 17.3  | 12.6 19.0 |
| 104         | 10.6  | 7.4 11.0  |

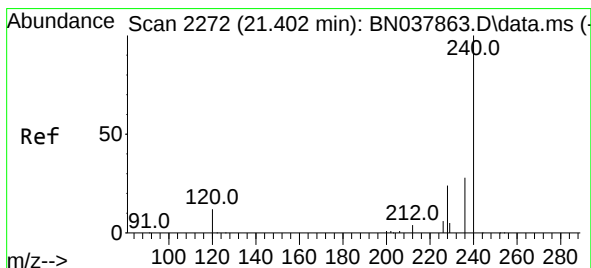
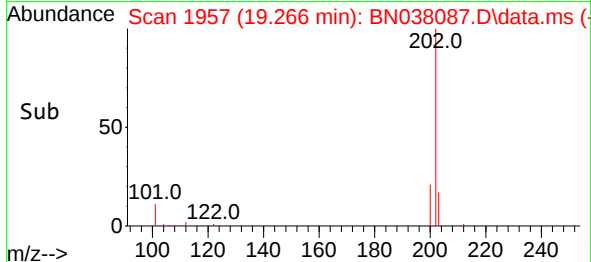
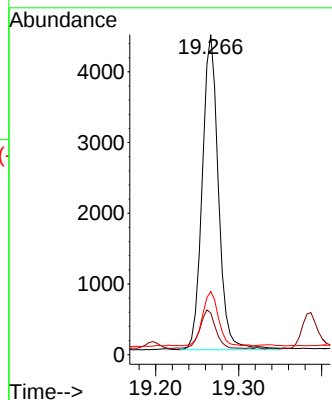
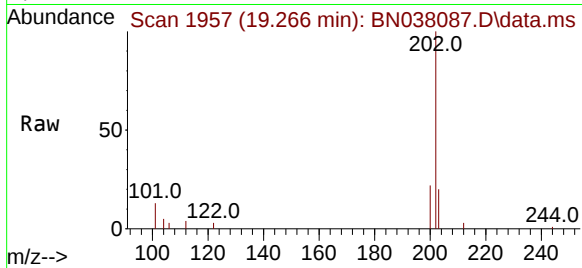




#28  
Fluoranthene  
Concen: 0.180 ng  
RT: 19.266 min Scan# 1957  
Delta R.T. -0.019 min  
Lab File: BN038087.D  
Acq: 14 Oct 2025 04:19

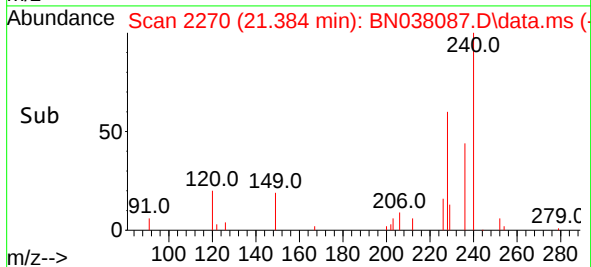
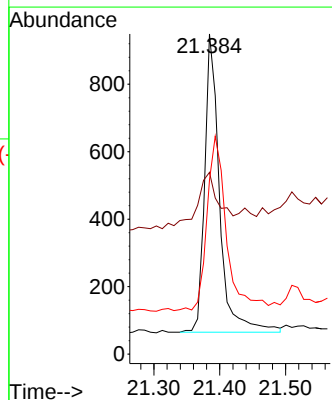
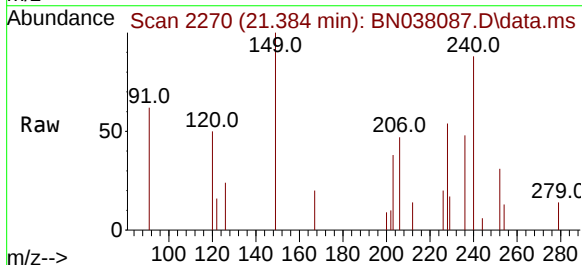
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-184-GW-740-742MSD

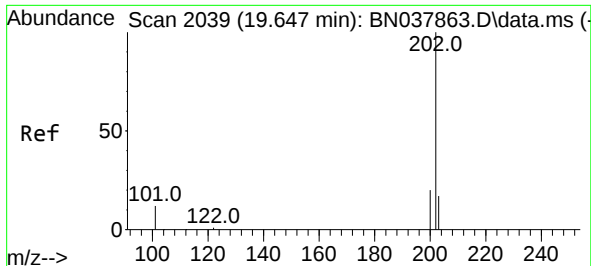
Tgt Ion:202 Resp: 6037  
Ion Ratio Lower Upper  
202 100  
101 12.0 9.3 13.9  
203 16.7 13.6 20.4



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.384 min Scan# 2270  
Delta R.T. -0.018 min  
Lab File: BN038087.D  
Acq: 14 Oct 2025 04:19

Tgt Ion:240 Resp: 1395  
Ion Ratio Lower Upper  
240 100  
120 56.8 11.4 17.2#  
236 54.4 23.0 34.6#

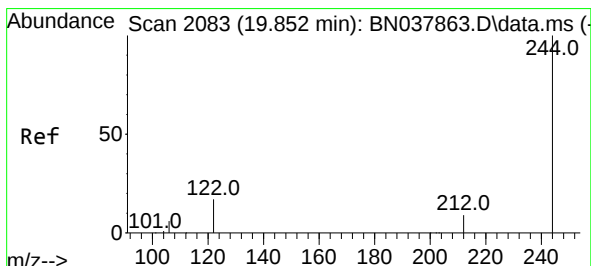
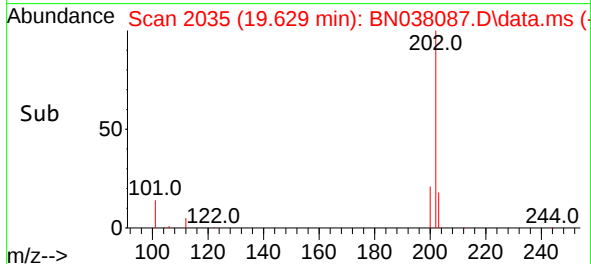
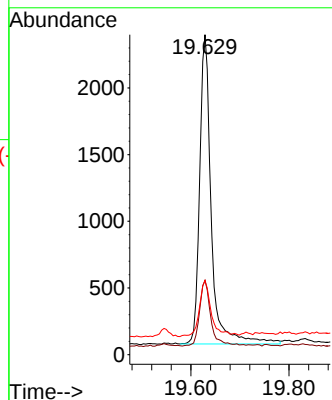
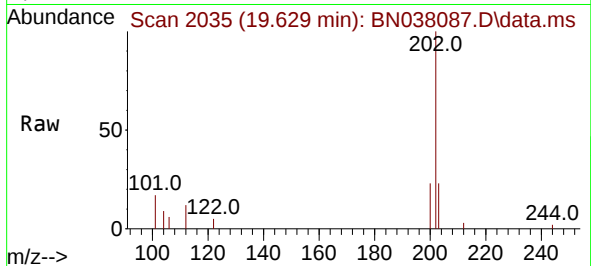




#30  
 Pyrene  
 Concen: 0.692 ng  
 RT: 19.629 min Scan# 2035  
 Delta R.T. -0.019 min  
 Lab File: BN038087.D  
 Acq: 14 Oct 2025 04:19

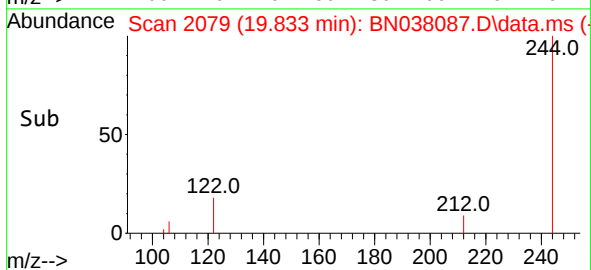
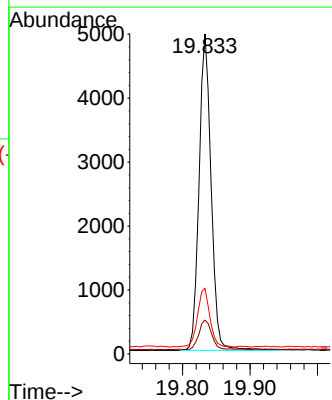
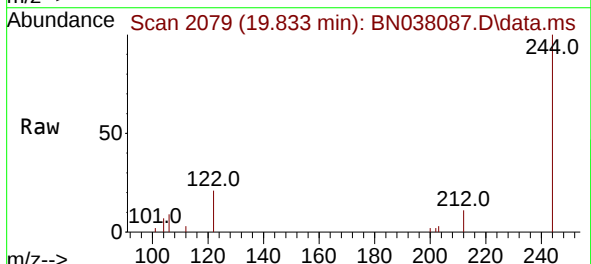
Instrument :  
 BNA\_N  
 ClientSampleId :  
 BP-VPB-184-GW-740-742MSD

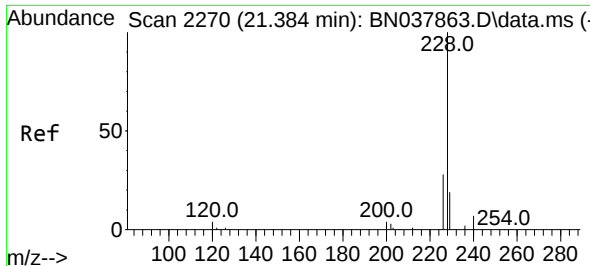
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 202   | Resp: | 3813  |
| Ion      | Ratio | Lower | Upper |
| 202      | 100   |       |       |
| 200      | 20.6  | 16.7  | 25.1  |
| 203      | 18.9  | 14.2  | 21.4  |



#31  
 Terphenyl-d14  
 Concen: 2.214 ng  
 RT: 19.833 min Scan# 2079  
 Delta R.T. -0.019 min  
 Lab File: BN038087.D  
 Acq: 14 Oct 2025 04:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 244   | Resp: | 6153  |
| Ion      | Ratio | Lower | Upper |
| 244      | 100   |       |       |
| 212      | 10.5  | 7.6   | 11.4  |
| 122      | 20.5  | 13.9  | 20.9  |

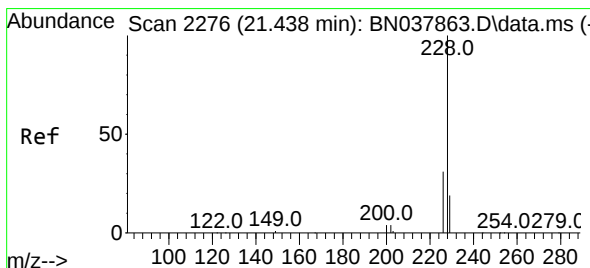
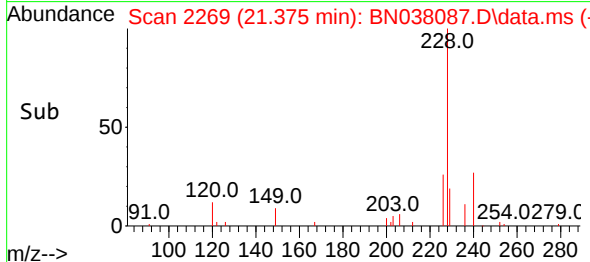
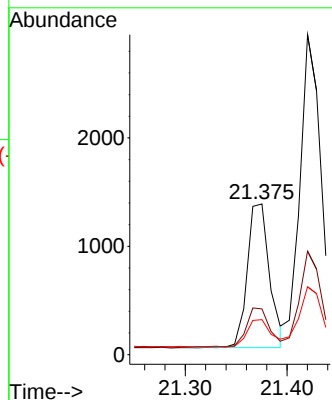
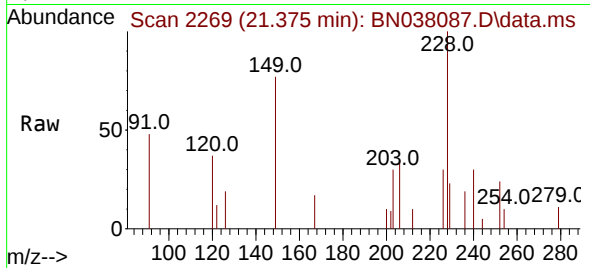




#32  
Benzo(a)anthracene  
Concen: 0.414 ng  
RT: 21.375 min Scan# 2137  
Delta R.T. -0.009 min  
Lab File: BN038087.D  
Acq: 14 Oct 2025 04:19

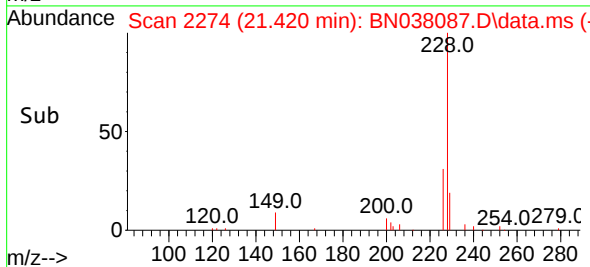
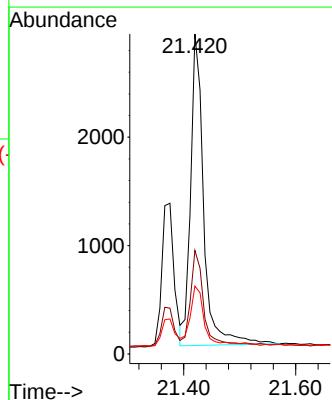
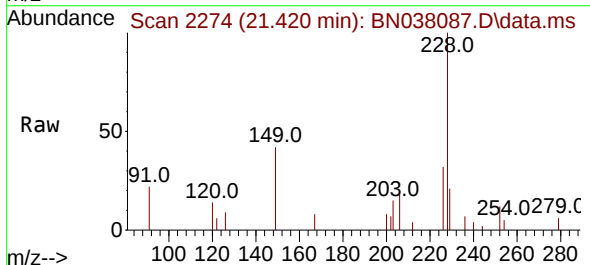
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-184-GW-740-742MSD

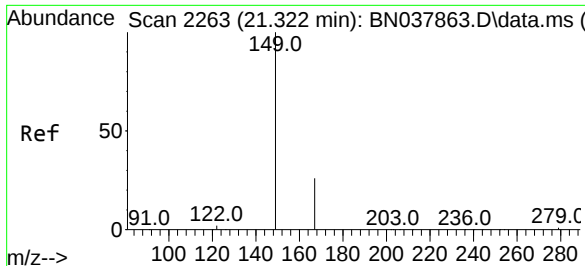
Tgt Ion:228 Resp: 2019  
Ion Ratio Lower Upper  
228 100  
226 30.3 22.6 33.8  
229 23.2 15.6 23.4



#33  
Chrysene  
Concen: 0.881 ng  
RT: 21.420 min Scan# 2274  
Delta R.T. -0.018 min  
Lab File: BN038087.D  
Acq: 14 Oct 2025 04:19

Tgt Ion:228 Resp: 4643  
Ion Ratio Lower Upper  
228 100  
226 32.3 24.6 37.0  
229 21.2 15.6 23.4

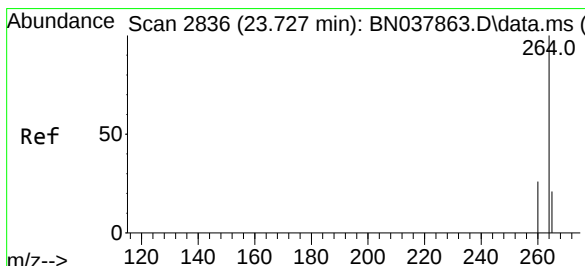
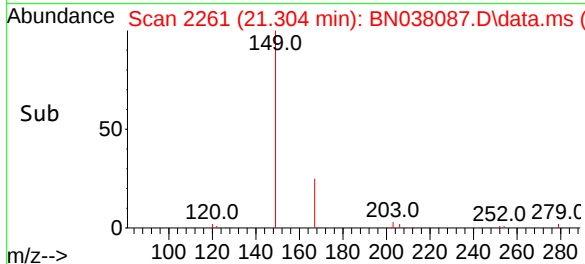
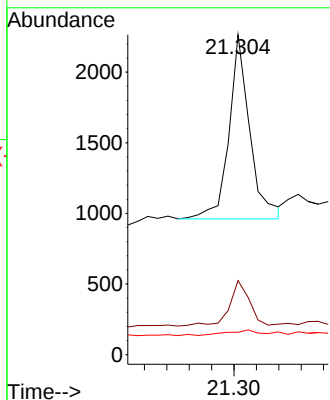
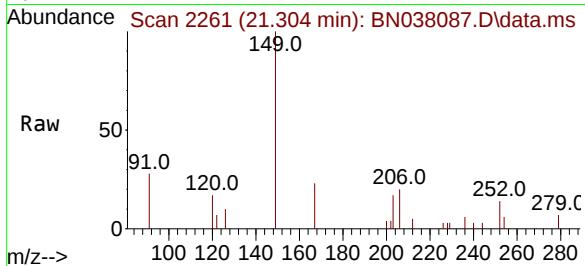




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.871 ng  
 RT: 21.304 min Scan# 21  
 Delta R.T. -0.018 min  
 Lab File: BN038087.D  
 Acq: 14 Oct 2025 04:19

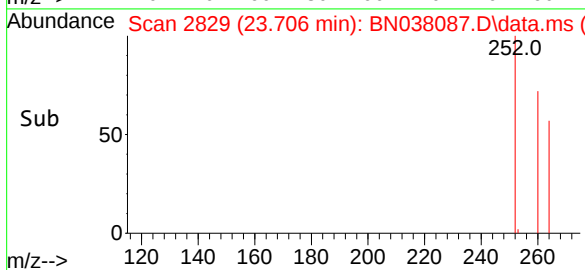
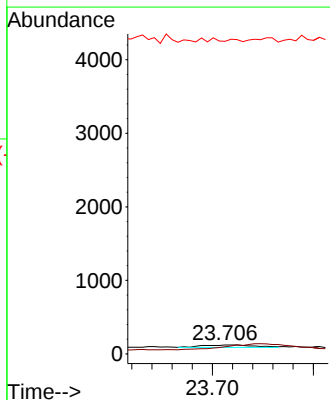
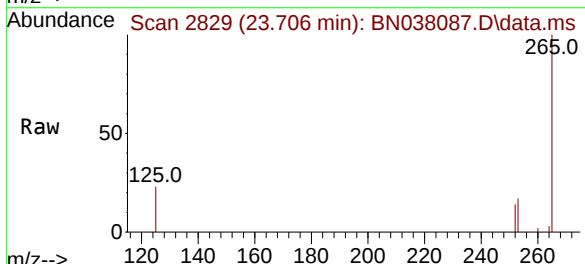
Instrument :  
 BNA\_N  
 ClientSampleId :  
 BP-VPB-184-GW-740-742MSD

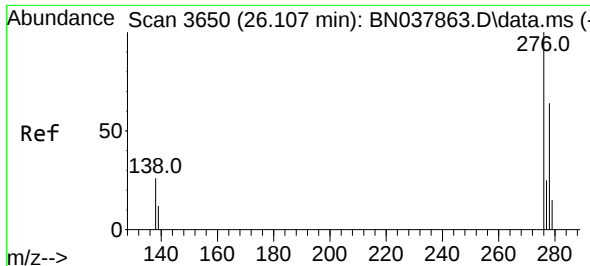
Tgt Ion:149 Resp: 1679  
 Ion Ratio Lower Upper  
 149 100  
 167 24.1 20.4 30.6  
 279 4.9 2.4 3.6#



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.706 min Scan# 2829  
 Delta R.T. -0.021 min  
 Lab File: BN038087.D  
 Acq: 14 Oct 2025 04:19

Tgt Ion:264 Resp: 59  
 Ion Ratio Lower Upper  
 264 100  
 260 79.5 21.5 32.3#  
 265 3483.6 53.8 80.6#

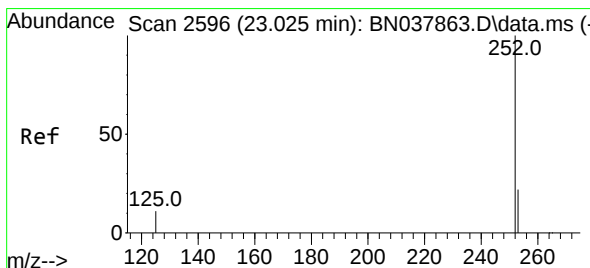
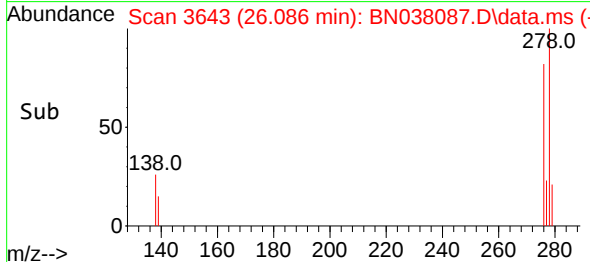
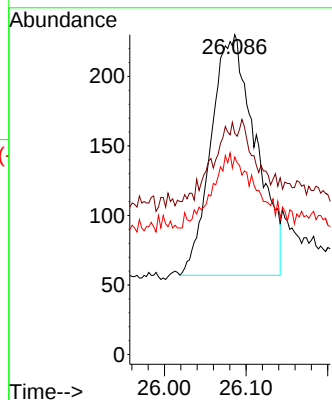
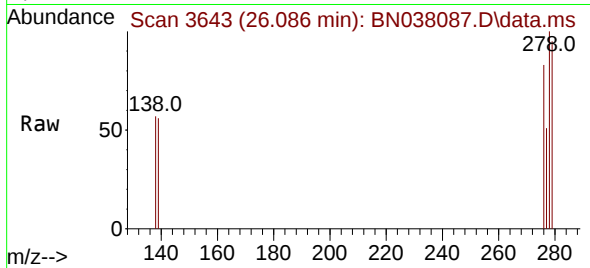




#36  
 Indeno(1,2,3-cd)pyrene  
 Concen: 2.433 ng  
 RT: 26.086 min Scan# 3643  
 Delta R.T. -0.021 min  
 Lab File: BN038087.D  
 Acq: 14 Oct 2025 04:19

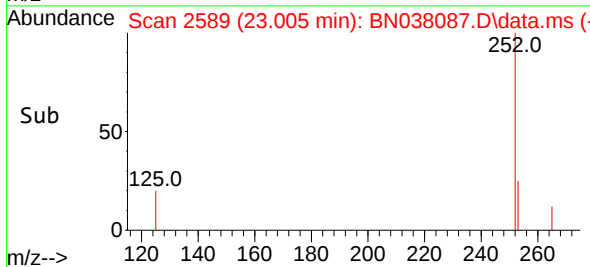
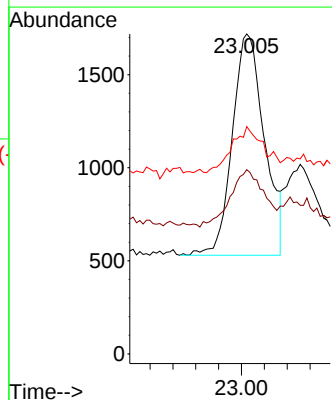
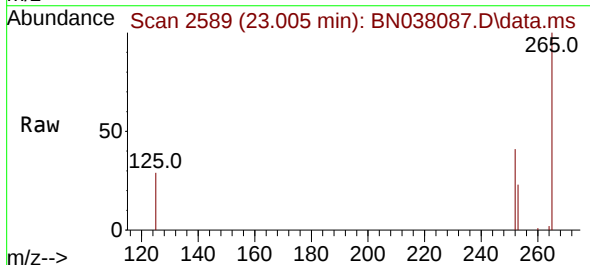
Instrument :  
 BNA\_N  
 ClientSampleId :  
 BP-VPB-184-GW-740-742MSD

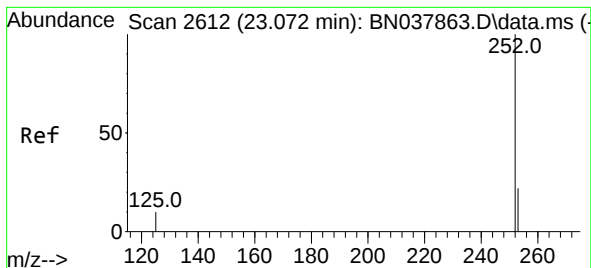
Tgt Ion:276 Resp: 656  
 Ion Ratio Lower Upper  
 276 100  
 138 3.7 21.4 32.0#  
 277 11.4 20.3 30.5#



#37  
 Benzo(b)fluoranthene  
 Concen: 9.102 ng  
 RT: 23.005 min Scan# 2589  
 Delta R.T. -0.021 min  
 Lab File: BN038087.D  
 Acq: 14 Oct 2025 04:19

Tgt Ion:252 Resp: 2316  
 Ion Ratio Lower Upper  
 252 100  
 253 57.6 19.4 29.0#  
 125 71.0 13.0 19.4#





#38

Benzo(k)fluoranthene

Concen: 3.160 ng

RT: 23.051 min Scan# 2

Delta R.T. -0.021 min

Lab File: BN038087.D

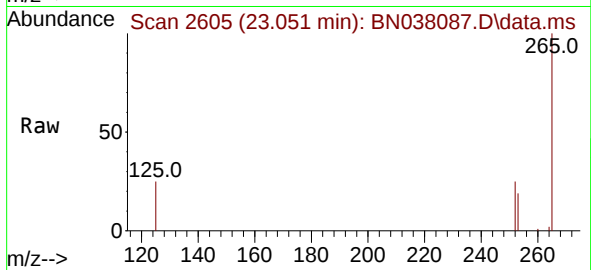
Acq: 14 Oct 2025 04:19

Instrument :

BNA\_N

ClientSampleId :

BP-VPB-184-GW-740-742MSD



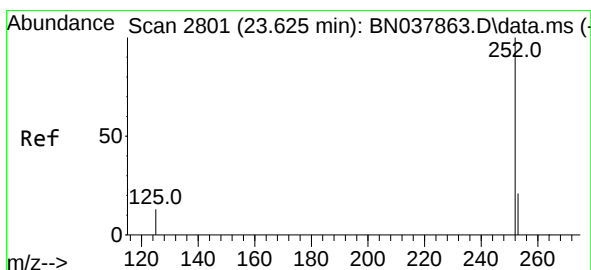
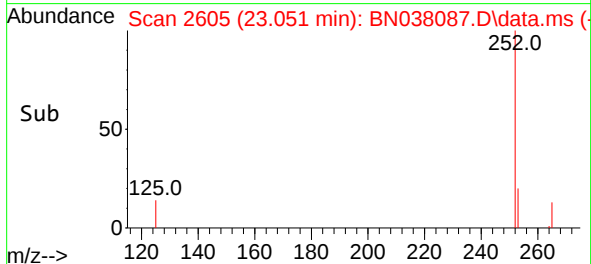
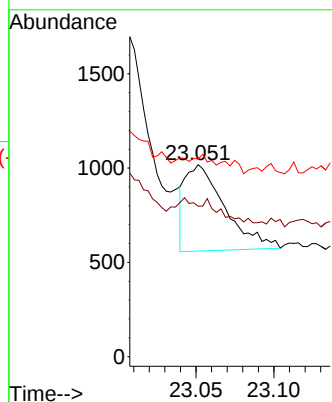
Tgt Ion:252 Resp: 809

Ion Ratio Lower Upper

252 100

253 78.4 19.5 29.3#

125 102.9 13.0 19.4#



#39

Benzo(a)pyrene

Concen: 3.976 ng

RT: 23.607 min Scan# 2795

Delta R.T. -0.018 min

Lab File: BN038087.D

Acq: 14 Oct 2025 04:19

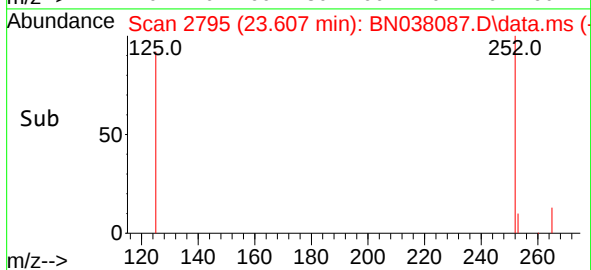
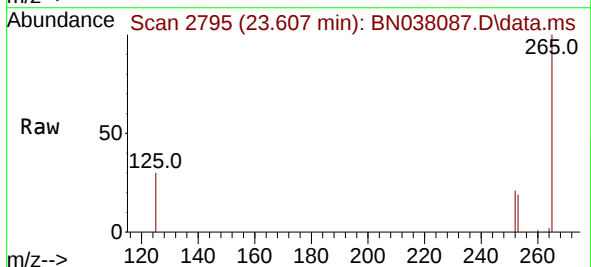
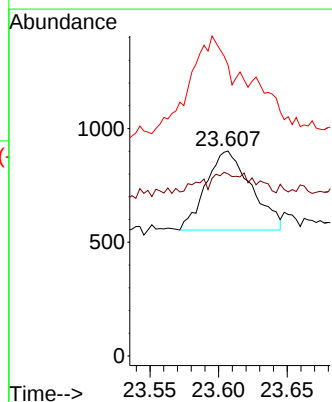
Tgt Ion:252 Resp: 800

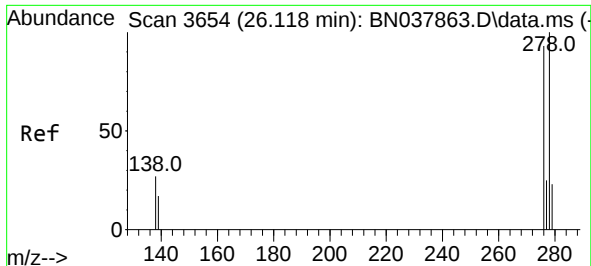
Ion Ratio Lower Upper

252 100

253 88.9 20.6 30.8#

125 142.0 16.7 25.1#

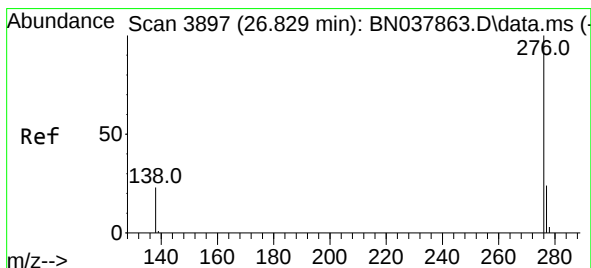
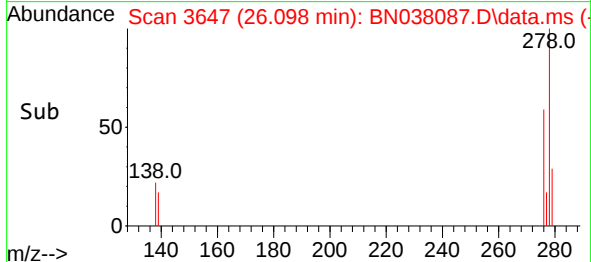
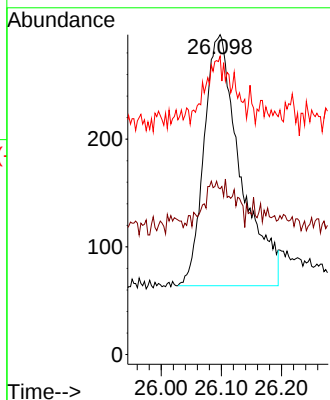
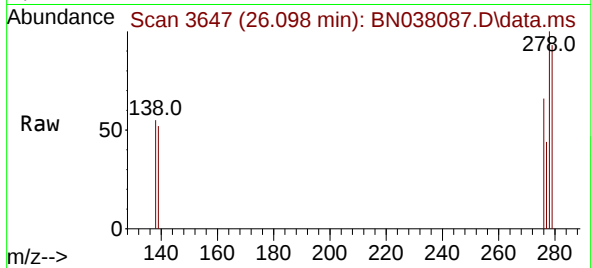




#40  
Dibenzo(a,h)anthracene  
Concen: 4.646 ng  
RT: 26.098 min Scan# 3654  
Delta R.T. -0.021 min  
Lab File: BN038087.D  
Acq: 14 Oct 2025 04:19

Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-184-GW-740-742MSD

Tgt Ion:278 Resp: 978  
Ion Ratio Lower Upper  
278 100  
139 51.9 15.4 23.2#  
279 93.3 20.8 31.2#



#41  
Benzo(g,h,i)perylene  
Concen: 5.399 ng  
RT: 26.799 min Scan# 3887  
Delta R.T. -0.029 min  
Lab File: BN038087.D  
Acq: 14 Oct 2025 04:19

Tgt Ion:276 Resp: 1194  
Ion Ratio Lower Upper  
276 100  
277 45.6 20.2 30.4#  
138 48.1 19.8 29.8#

