

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN052825\  
 Data File : BN037121.D  
 Acq On : 28 May 2025 22:35  
 Operator : RC/JU  
 Sample : Q2118-07  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BP-VPB-182-GW-500-502

Quant Time: May 29 01:33:42 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 11:26:32 2025  
 Response via : Initial Calibration

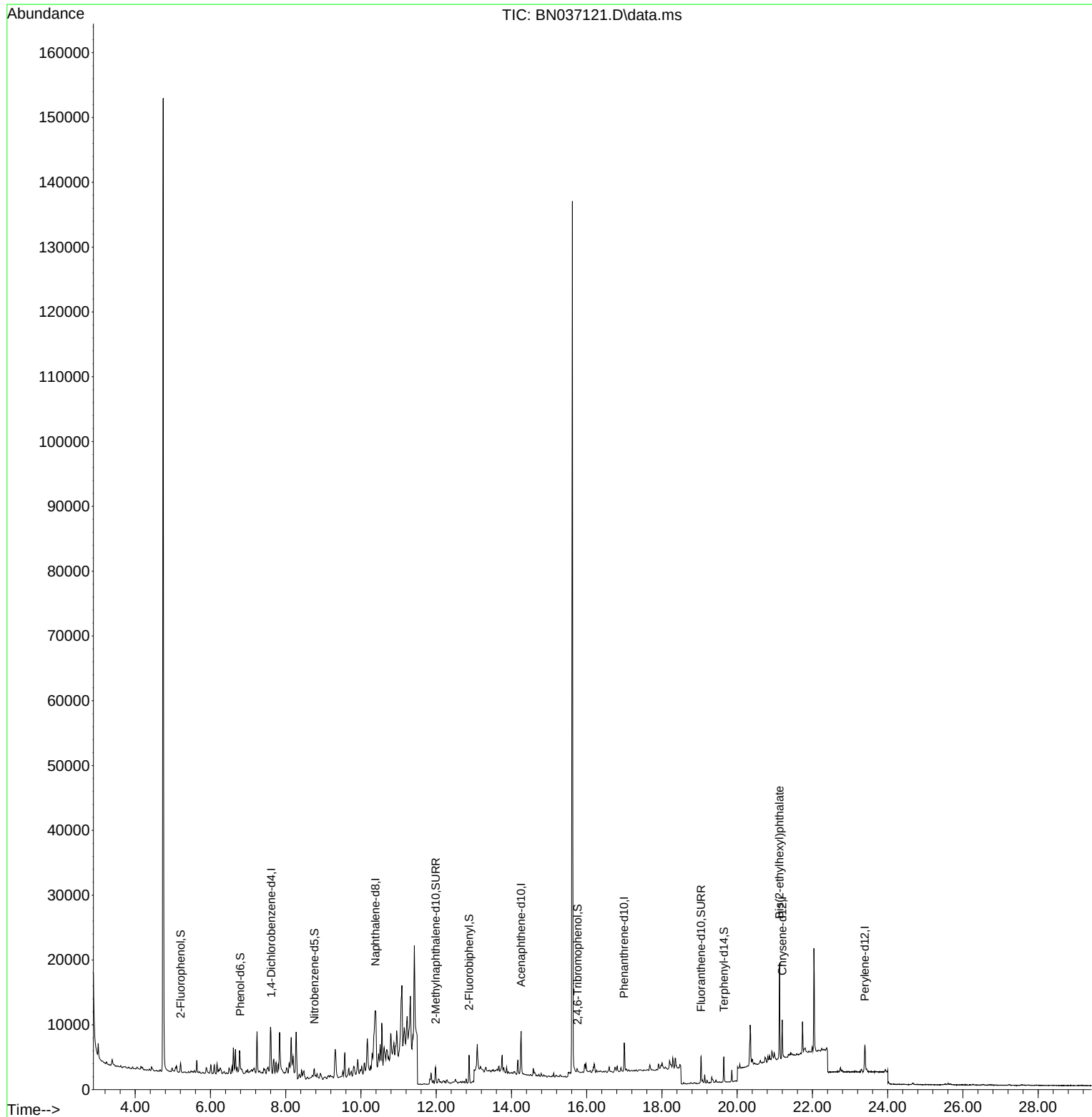
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.611  | 152  | 1952     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.383 | 136  | 5310     | 0.400 | ng    | #-0.02   |
| 13) Acenaphthene-d10          | 14.256 | 164  | 3451     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 16.996 | 188  | 6176     | 0.400 | ng    | -0.01    |
| 29) Chrysene-d12              | 21.197 | 240  | 5116     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.392 | 264  | 5396     | 0.400 | ng    | -0.02    |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.206  | 112  | 615      | 0.120 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.788  | 99   | 738      | 0.115 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.760  | 82   | 1593     | 0.276 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 11.986 | 152  | 2253     | 0.301 | ng    | -0.01    |
| 14) 2,4,6-Tribromophenol      | 15.755 | 330  | 206      | 0.136 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 12.873 | 172  | 3566     | 0.226 | ng    | -0.02    |
| 27) Fluoranthene-d10          | 19.040 | 212  | 4393     | 0.259 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.644 | 244  | 3566     | 0.326 | ng    | -0.01    |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 34) Bis(2-ethylhexyl)phtha... | 21.126 | 149  | 12566    | 1.060 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

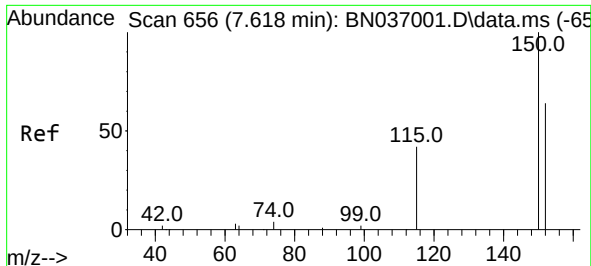
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN052825\  
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BP-VPB-182-GW-500-502

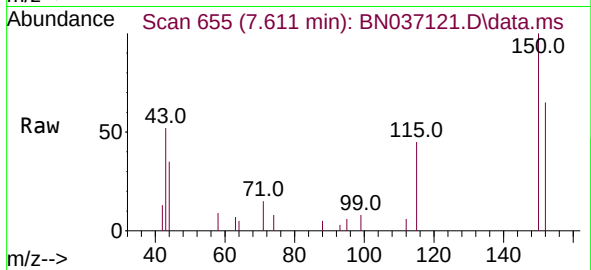
Quant Time: May 29 01:33:42 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN051425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 14 11:26:32 2025  
Response via : Initial Calibration



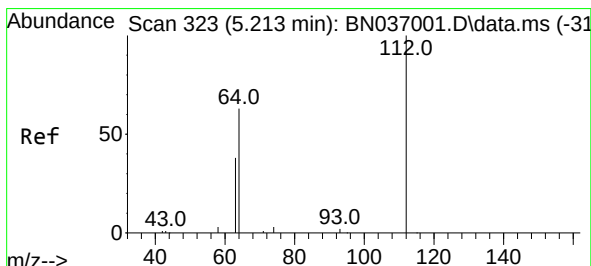
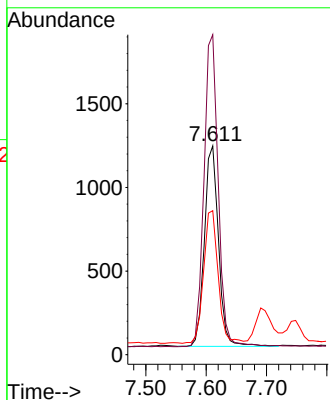
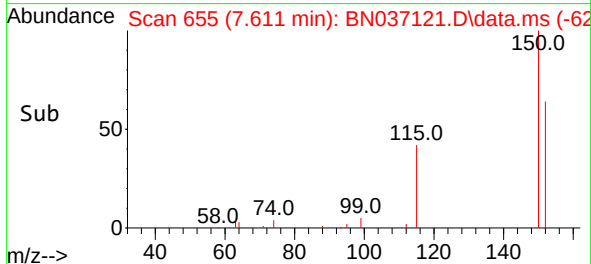


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.611 min Scan# 61  
Delta R.T. -0.007 min  
Lab File: BN037121.D  
Acq: 28 May 2025 22:35

Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-182-GW-500-502

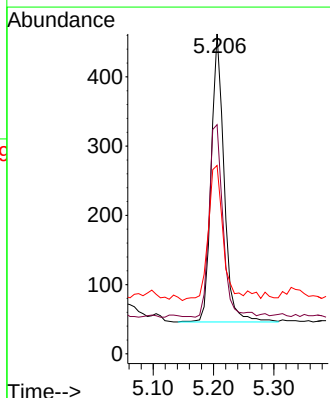
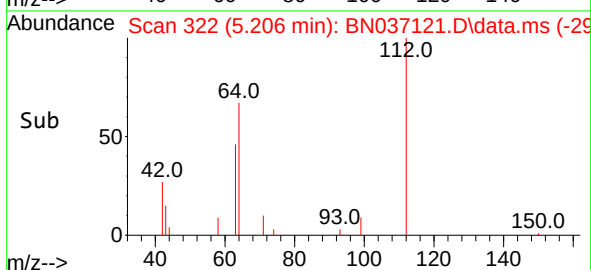
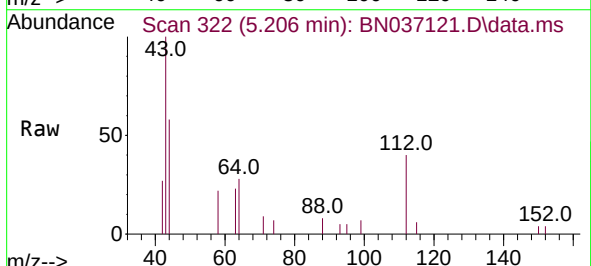


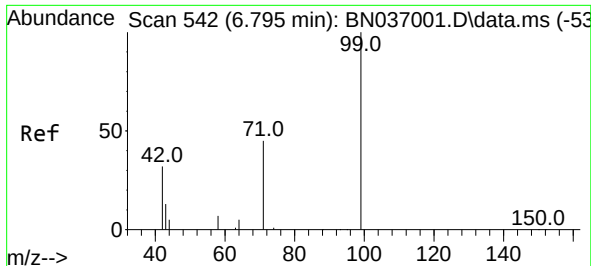
Tgt Ion:152 Resp: 1952  
Ion Ratio Lower Upper  
152 100  
150 153.3 123.9 185.9  
115 69.0 55.8 83.8



#4  
2-Fluorophenol  
Concen: 0.120 ng  
RT: 5.206 min Scan# 322  
Delta R.T. -0.007 min  
Lab File: BN037121.D  
Acq: 28 May 2025 22:35

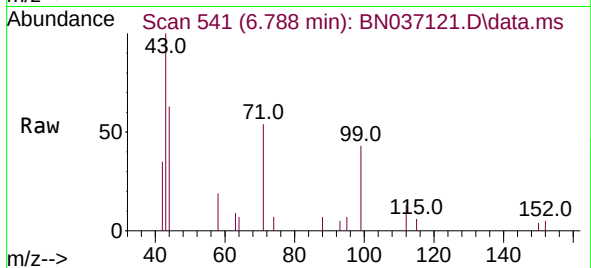
Tgt Ion:112 Resp: 615  
Ion Ratio Lower Upper  
112 100  
64 72.4 55.7 83.5  
63 54.3 34.6 51.8#



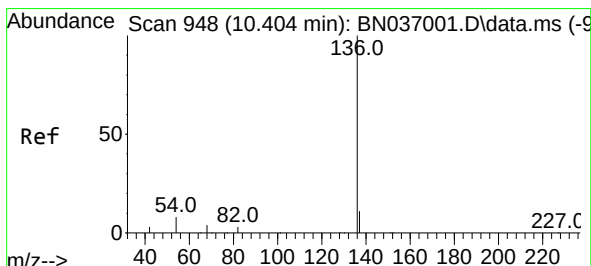
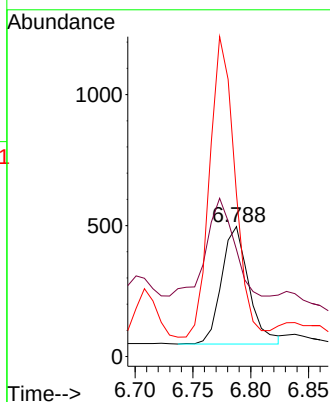
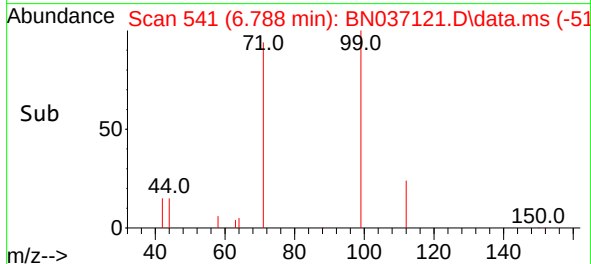


#5  
Phenol-d6  
Concen: 0.115 ng  
RT: 6.788 min Scan# 541  
Delta R.T. -0.007 min  
Lab File: BN037121.D  
Acq: 28 May 2025 22:35

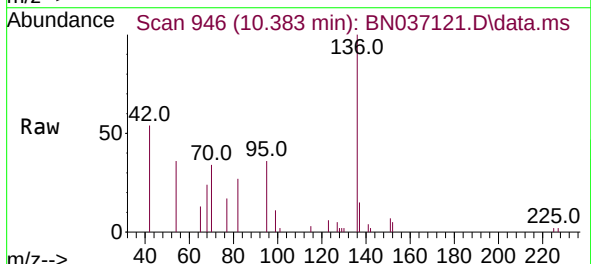
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-182-GW-500-502



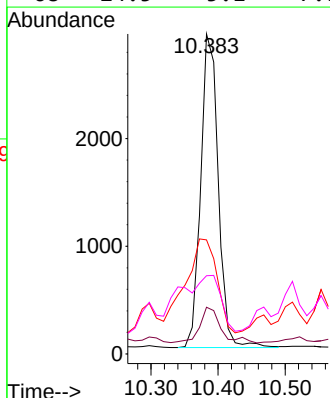
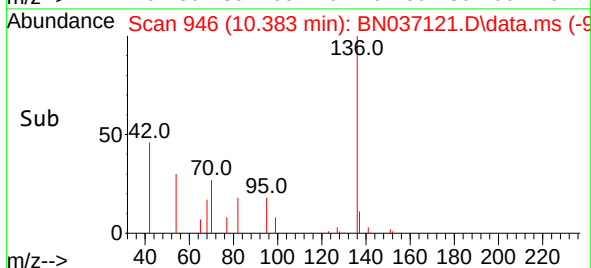
Tgt Ion: 99 Resp: 738  
Ion Ratio Lower Upper  
99 100  
42 83.1 29.3 43.9#  
71 236.6 35.7 53.5#

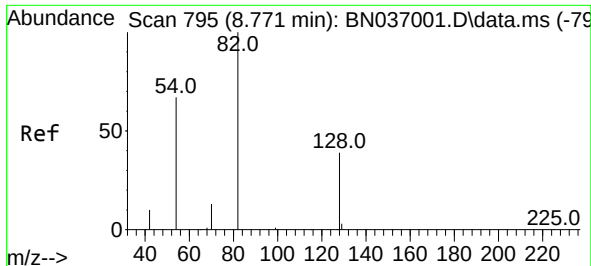


#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.383 min Scan# 946  
Delta R.T. -0.021 min  
Lab File: BN037121.D  
Acq: 28 May 2025 22:35



Tgt Ion: 136 Resp: 5310  
Ion Ratio Lower Upper  
136 100  
137 14.6 10.4 15.6  
54 35.7 8.5 12.7#  
68 24.5 5.1 7.7#

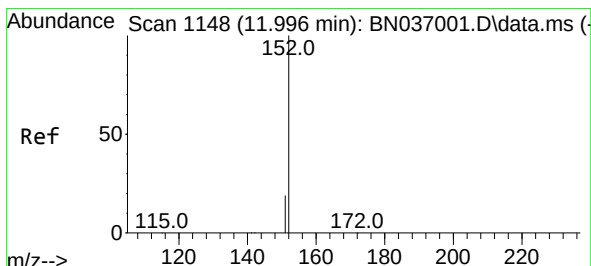
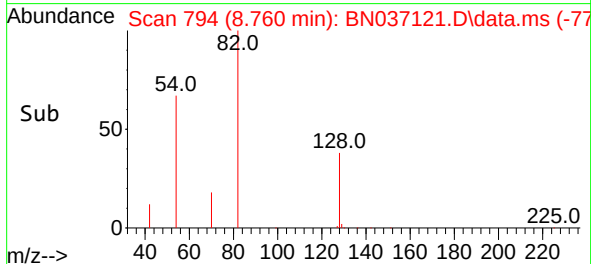
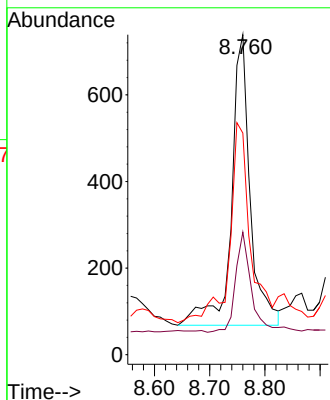
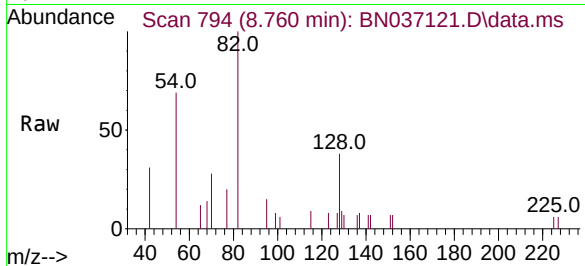




#8  
 Nitrobenzene-d5  
 Concen: 0.276 ng  
 RT: 8.760 min Scan# 795  
 Delta R.T. -0.011 min  
 Lab File: BN037121.D  
 Acq: 28 May 2025 22:35

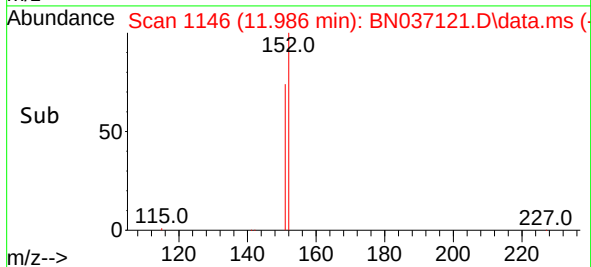
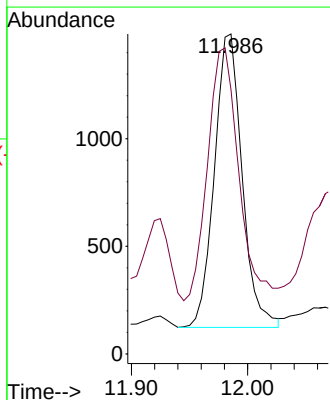
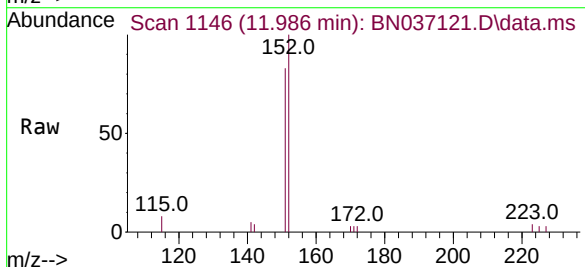
Instrument :  
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 ClientSampleId :  
 BP-VPB-182-GW-500-502

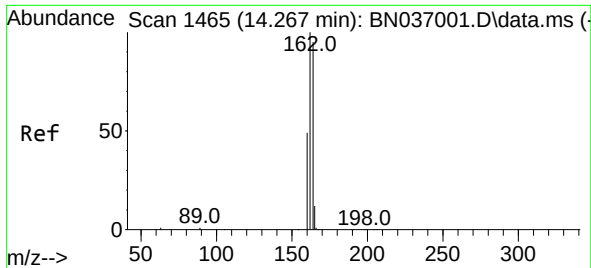
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 1593  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 38.3  | 34.0  | 51.0  |
| 54       | 69.3  | 55.0  | 82.4  |



#11  
 2-Methylnaphthalene-d10  
 Concen: 0.301 ng  
 RT: 11.986 min Scan# 1146  
 Delta R.T. -0.010 min  
 Lab File: BN037121.D  
 Acq: 28 May 2025 22:35

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 2253  |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 96.8  | 17.5  | 26.3# |

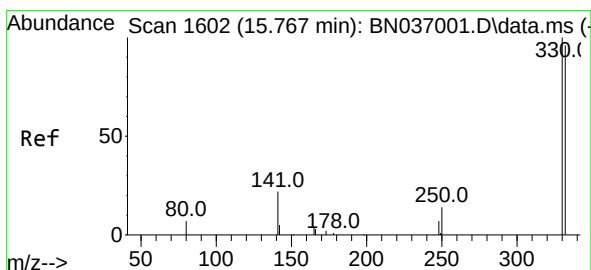
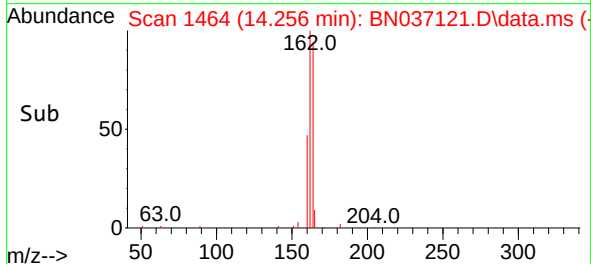
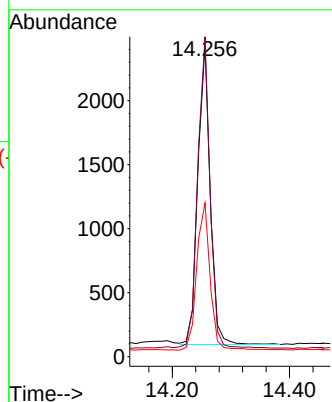
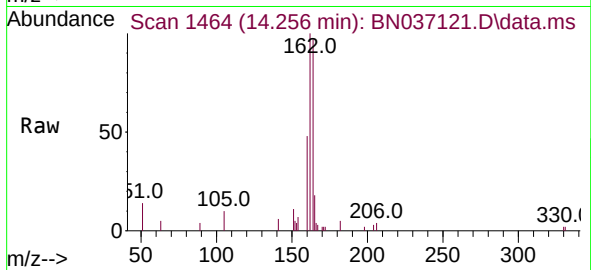




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.256 min Scan# 1465  
Delta R.T. -0.011 min  
Lab File: BN037121.D  
Acq: 28 May 2025 22:35

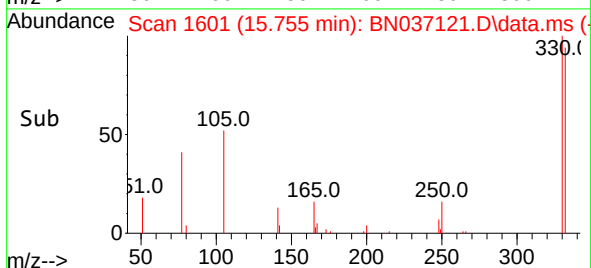
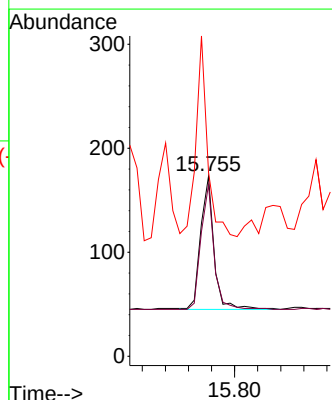
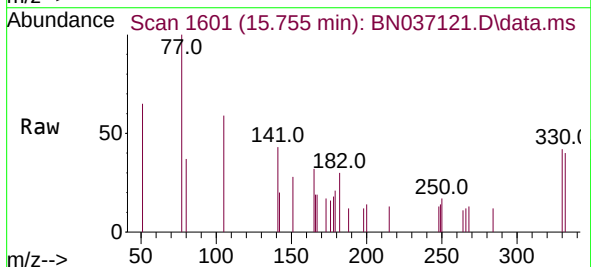
Instrument :  
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ClientSampleId :  
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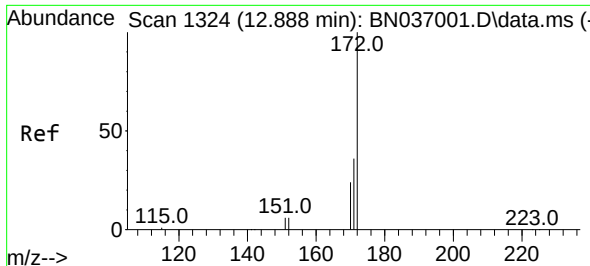
Tgt Ion:164 Resp: 3451  
Ion Ratio Lower Upper  
164 100  
162 102.8 84.2 126.4  
160 49.4 42.6 63.8



#14  
2,4,6-Tribromophenol  
Concen: 0.136 ng  
RT: 15.755 min Scan# 1601  
Delta R.T. -0.012 min  
Lab File: BN037121.D  
Acq: 28 May 2025 22:35

Tgt Ion:330 Resp: 206  
Ion Ratio Lower Upper  
330 100  
332 91.3 73.8 110.8  
141 129.1 43.9 65.9#

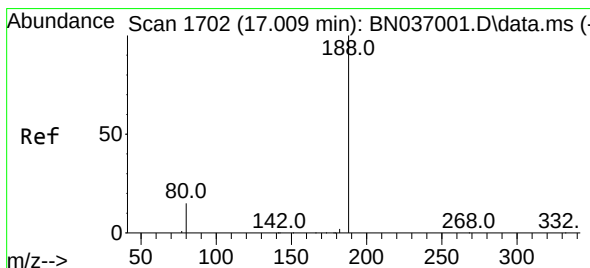
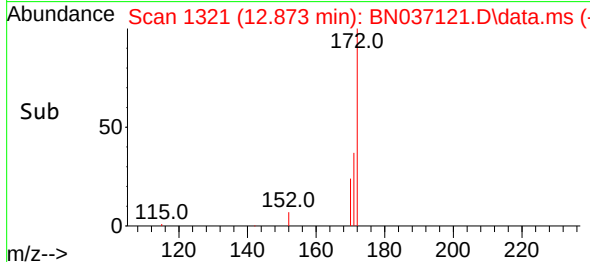
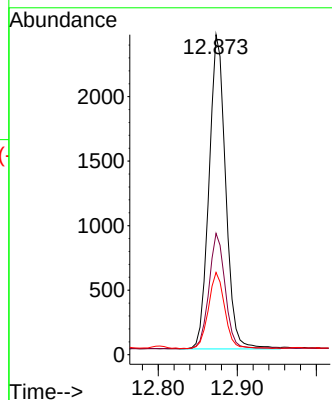
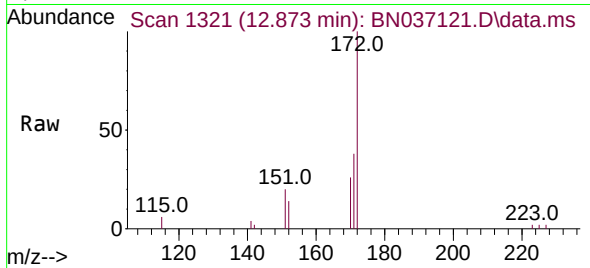




#15  
2-Fluorobiphenyl  
Concen: 0.226 ng  
RT: 12.873 min Scan# 11  
Delta R.T. -0.015 min  
Lab File: BN037121.D  
Acq: 28 May 2025 22:35

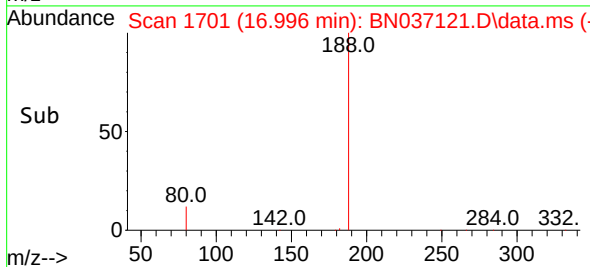
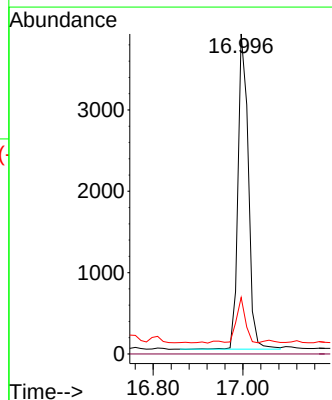
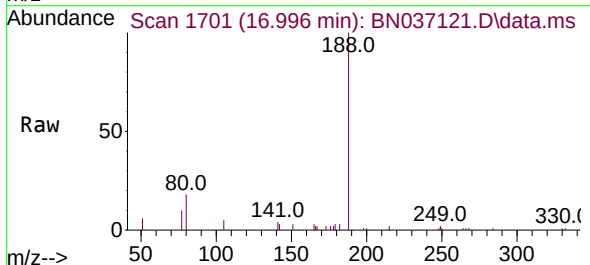
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BNA\_N  
ClientSampleId :  
BP-VPB-182-GW-500-502

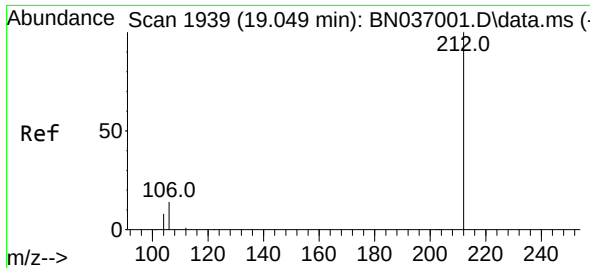
Tgt Ion:172 Resp: 3566  
Ion Ratio Lower Upper  
172 100  
171 37.9 29.2 43.8  
170 25.7 20.5 30.7



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.996 min Scan# 1701  
Delta R.T. -0.012 min  
Lab File: BN037121.D  
Acq: 28 May 2025 22:35

Tgt Ion:188 Resp: 6176  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 17.6 13.4 20.0

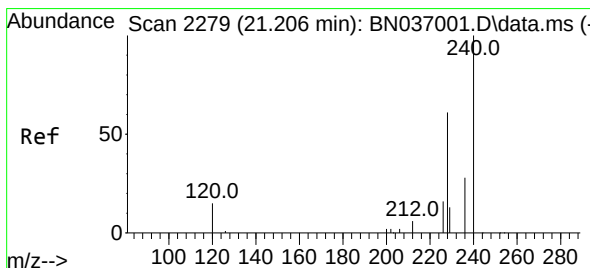
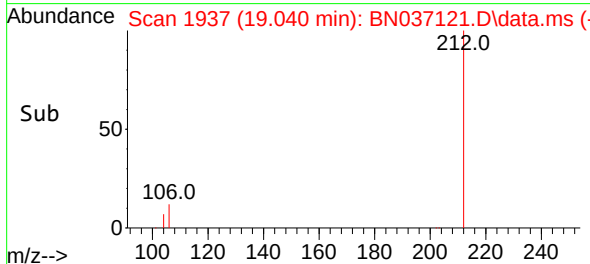
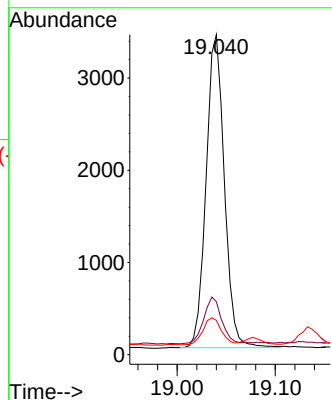
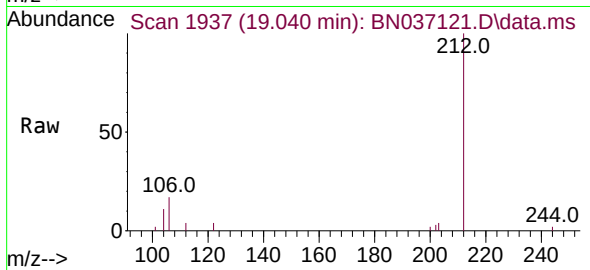




#27  
Fluoranthene-d10  
Concen: 0.259 ng  
RT: 19.040 min Scan# 1937  
Delta R.T. -0.009 min  
Lab File: BN037121.D  
Acq: 28 May 2025 22:35

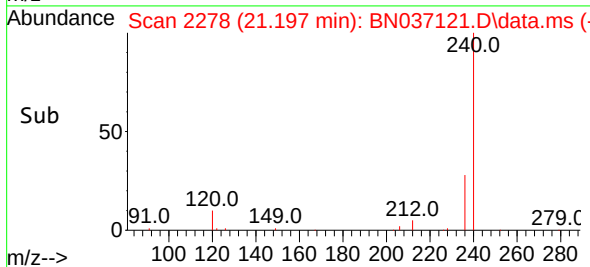
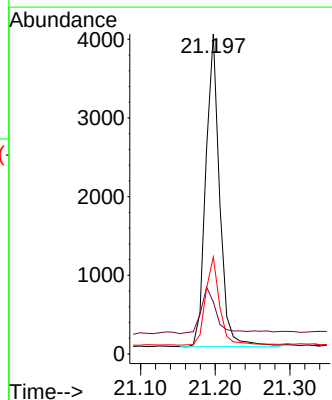
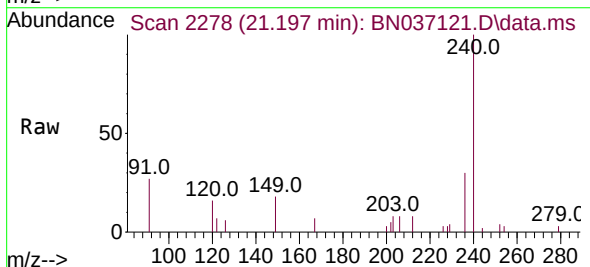
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BP-VPB-182-GW-500-502

Tgt Ion:212 Resp: 4393  
Ion Ratio Lower Upper  
212 100  
106 14.8 11.3 16.9  
104 8.7 6.7 10.1

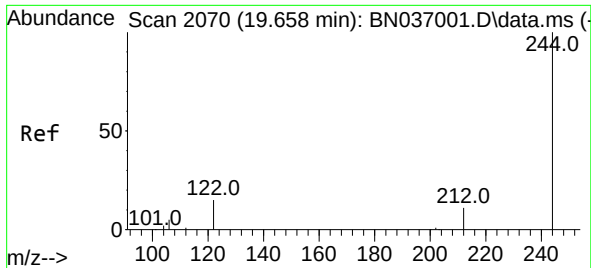


#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.197 min Scan# 2278  
Delta R.T. -0.009 min  
Lab File: BN037121.D  
Acq: 28 May 2025 22:35

Tgt Ion:240 Resp: 5116  
Ion Ratio Lower Upper  
240 100  
120 16.3 15.1 22.7  
236 30.3 24.0 36.0



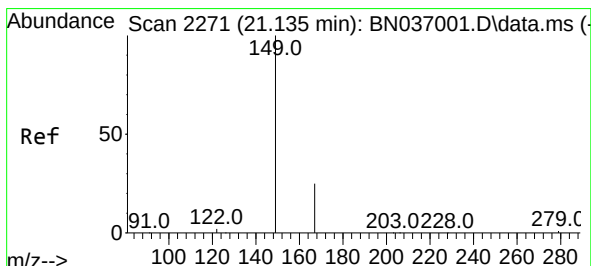
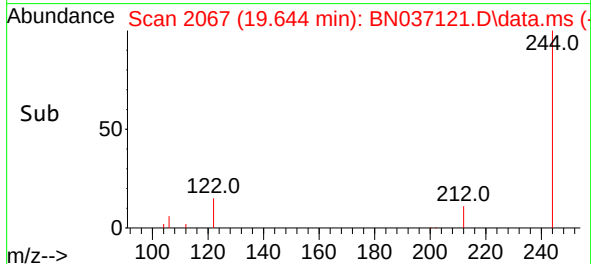
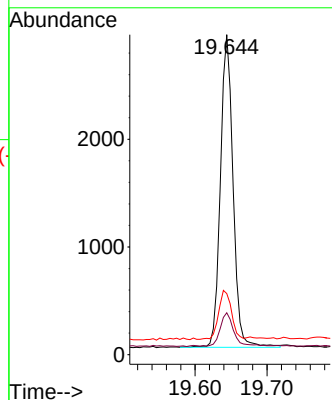
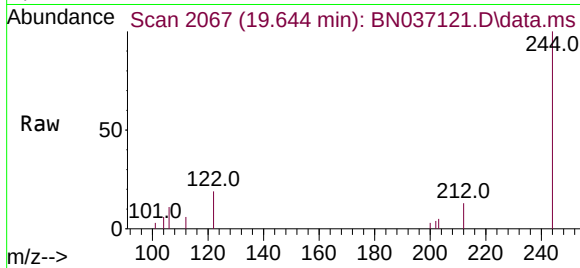




#31  
 Terphenyl-d14  
 Concen: 0.326 ng  
 RT: 19.644 min Scan# 2070  
 Delta R.T. -0.014 min  
 Lab File: BN037121.D  
 Acq: 28 May 2025 22:35

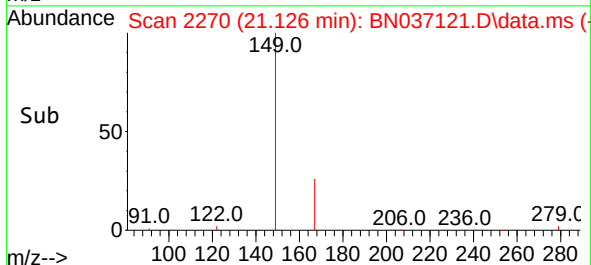
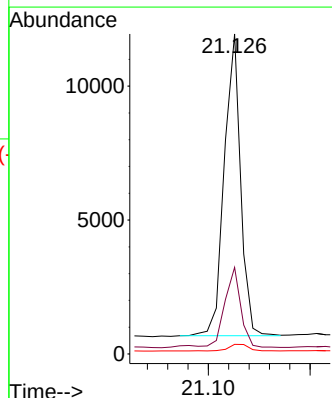
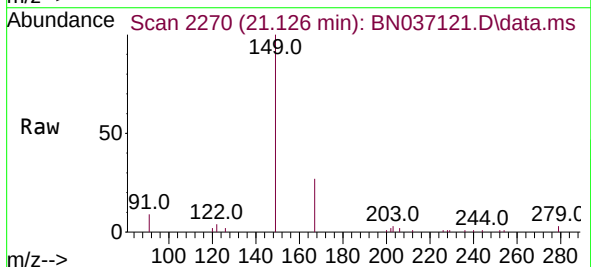
Instrument :  
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 ClientSampleId :  
 BP-VPB-182-GW-500-502

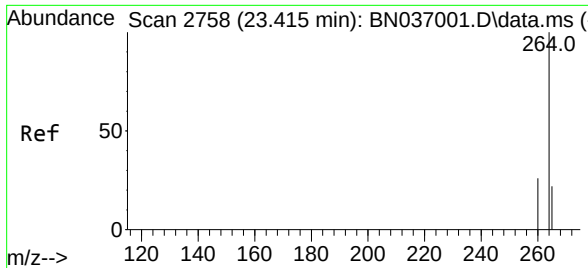
Tgt Ion:244 Resp: 3566  
 Ion Ratio Lower Upper  
 244 100  
 212 13.1 9.7 14.5  
 122 19.1 13.4 20.0



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 1.060 ng  
 RT: 21.126 min Scan# 2270  
 Delta R.T. -0.009 min  
 Lab File: BN037121.D  
 Acq: 28 May 2025 22:35

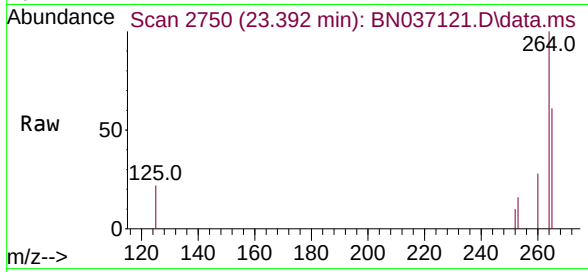
Tgt Ion:149 Resp: 12566  
 Ion Ratio Lower Upper  
 149 100  
 167 26.4 20.6 30.8  
 279 2.8 2.6 3.8





#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.392 min Scan# 21  
Delta R.T. -0.023 min  
Lab File: BN037121.D  
Acq: 28 May 2025 22:35

Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-182-GW-500-502



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 264   | Resp: | 5396  |
| Ion      | Ratio | Lower | Upper |
| 264      | 100   |       |       |
| 260      | 27.6  | 21.9  | 32.9  |
| 265      | 61.0  | 51.6  | 77.4  |

