

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100725\  
 Data File : BN038045.D  
 Acq On : 07 Oct 2025 14:28  
 Operator : RC/JU  
 Sample : Q3248-04  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BP-VPB-184-GW-600-602

Quant Time: Oct 07 14:53:28 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

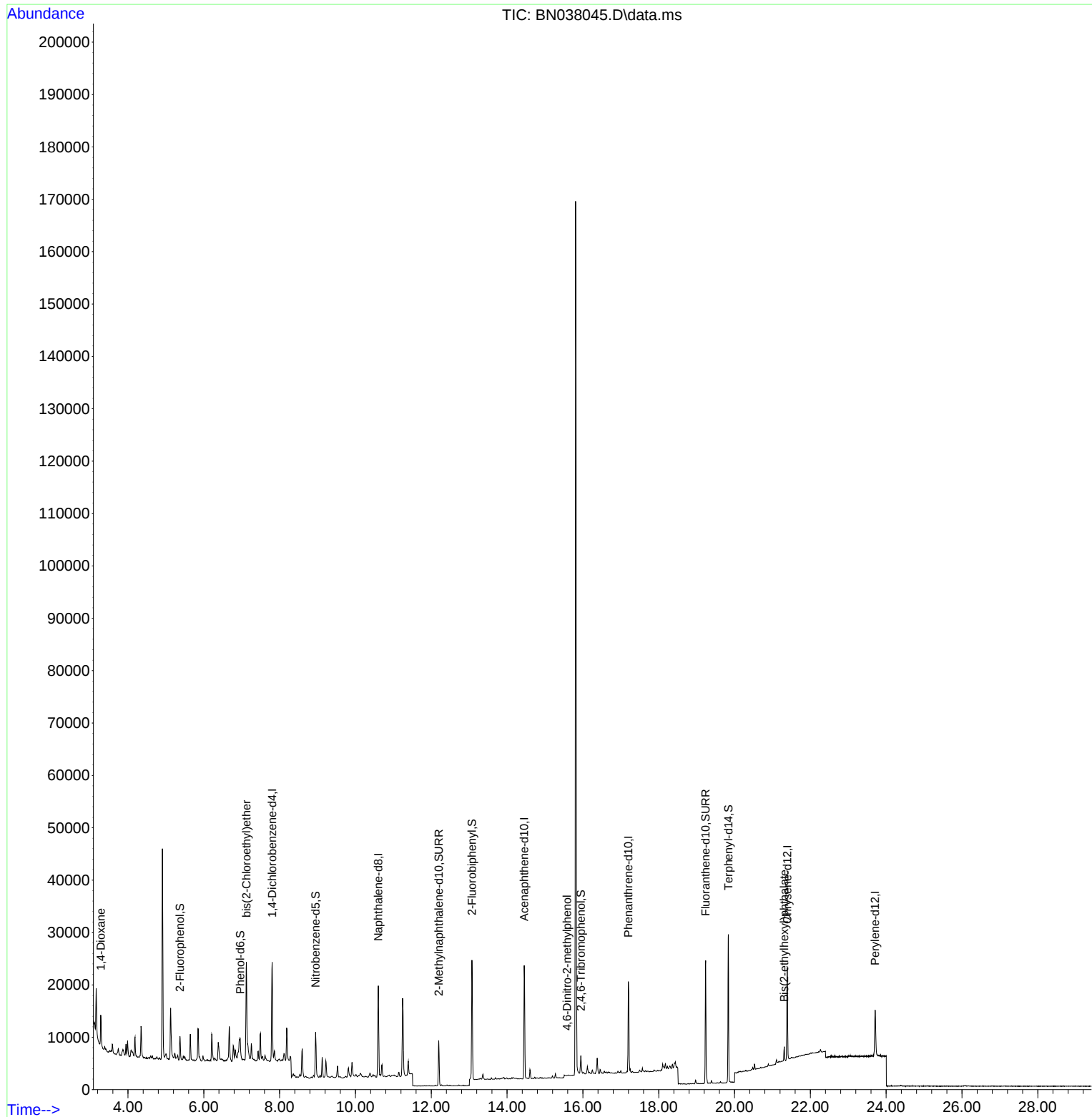
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.804  | 152  | 7966     | 0.400 | ng    | -0.02    |
| 7) Naphthalene-d8             | 10.605 | 136  | 23022    | 0.400 | ng    | -0.02    |
| 13) Acenaphthene-d10          | 14.452 | 164  | 12487    | 0.400 | ng    | -0.02    |
| 19) Phenanthrene-d10          | 17.198 | 188  | 25250    | 0.400 | ng    | #-0.02   |
| 29) Chrysene-d12              | 21.393 | 240  | 17199    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.709 | 264  | 12217    | 0.400 | ng    | #-0.02   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.370  | 112  | 3408     | 0.187 | ng    | -0.01    |
| 5) Phenol-d6                  | 6.959  | 99   | 3024     | 0.127 | ng    | -0.01    |
| 8) Nitrobenzene-d5            | 8.950  | 82   | 6393     | 0.364 | ng    | -0.02    |
| 11) 2-Methylnaphthalene-d10   | 12.197 | 152  | 11622    | 0.363 | ng    | -0.02    |
| 14) 2,4,6-Tribromophenol      | 15.945 | 330  | 1832     | 0.387 | ng    | -0.02    |
| 15) 2-Fluorobiphenyl          | 13.073 | 172  | 18523    | 0.362 | ng    | -0.02    |
| 27) Fluoranthene-d10          | 19.239 | 212  | 25053    | 0.394 | ng    | -0.01    |
| 31) Terphenyl-d14             | 19.838 | 244  | 25960    | 0.758 | ng    | -0.01    |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.283  | 88   | 3771     | 0.466 | ng    | # 85     |
| 6) bis(2-Chloroethyl)ether    | 7.125  | 93   | 30380    | 1.370 | ng    | # 26     |
| 20) 4,6-Dinitro-2-methylph... | 15.585 | 198  | 7        | 0.070 | ng    | # 1      |
| 34) Bis(2-ethylhexyl)phtha... | 21.313 | 149  | 2704     | 0.114 | ng    | # 99     |
| -----                         |        |      |          |       |       |          |

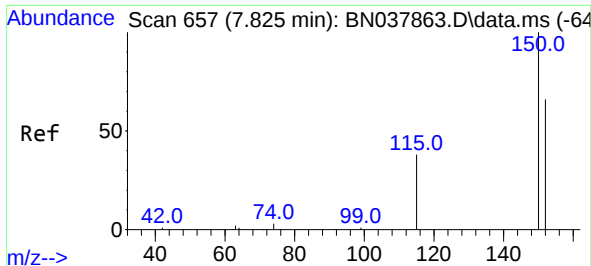
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100725\  
Data File : BN038045.D  
Acq On : 07 Oct 2025 14:28  
Operator : RC/JU  
Sample : Q3248-04  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-184-GW-600-602

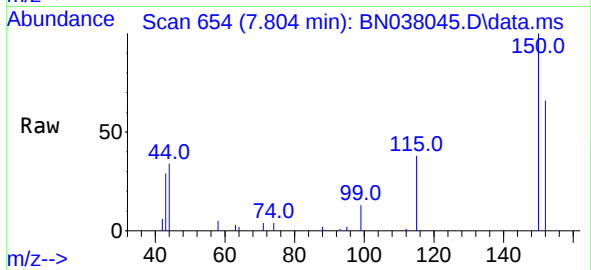
Quant Time: Oct 07 14:53:28 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN092325.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Sep 24 11:00:01 2025  
Response via : Initial Calibration



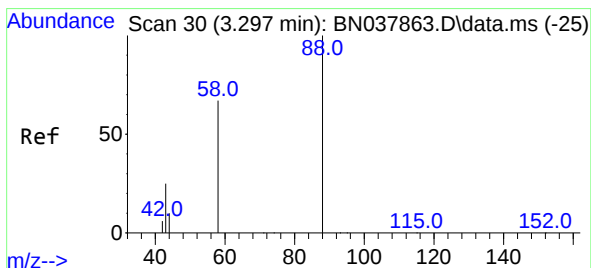
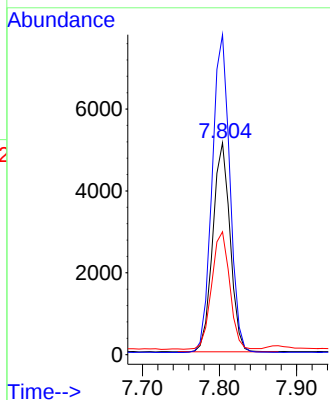
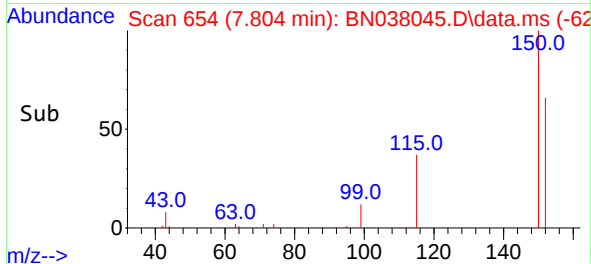


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.804 min Scan# 61  
Delta R.T. -0.021 min  
Lab File: BN038045.D  
Acq: 07 Oct 2025 14:28

Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-184-GW-600-602

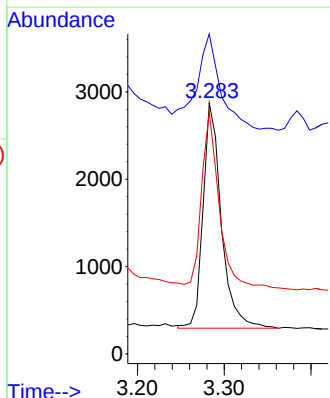
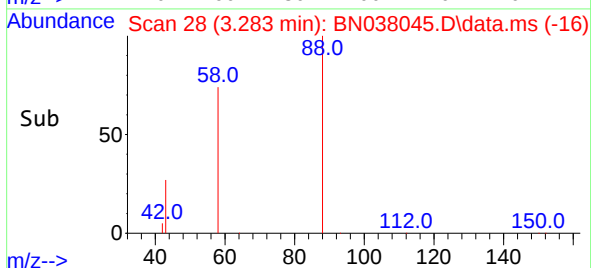
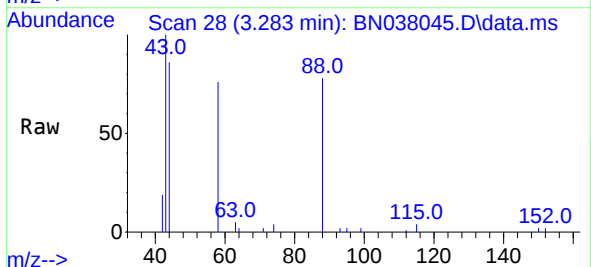


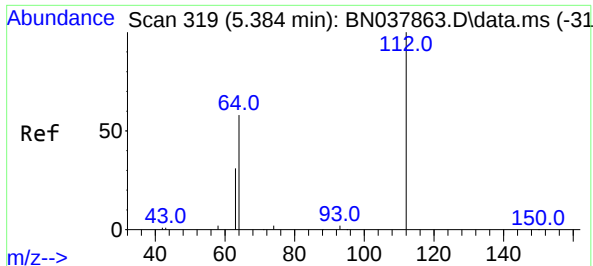
Tgt Ion:152 Resp: 7966  
Ion Ratio Lower Upper  
152 100  
150 151.0 121.0 181.4  
115 58.0 47.4 71.0



#2  
1,4-Dioxane  
Concen: 0.466 ng  
RT: 3.283 min Scan# 28  
Delta R.T. -0.014 min  
Lab File: BN038045.D  
Acq: 07 Oct 2025 14:28

Tgt Ion: 88 Resp: 3771  
Ion Ratio Lower Upper  
88 100  
43 59.1 26.6 39.8#  
58 74.4 58.9 88.3

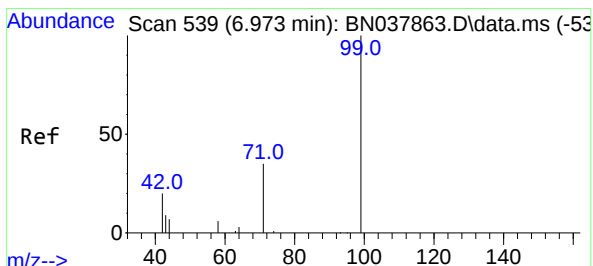
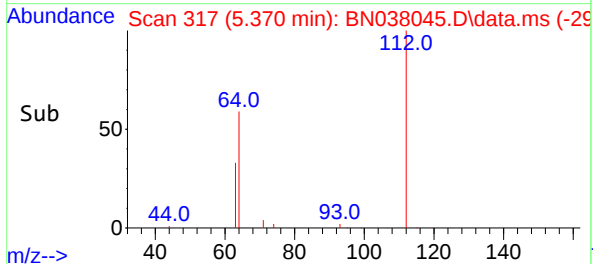
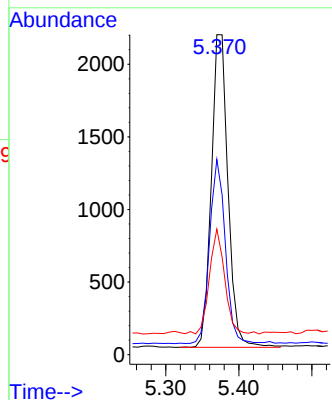
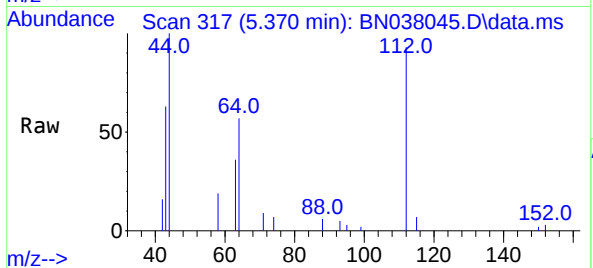




#4  
2-Fluorophenol  
Concen: 0.187 ng  
RT: 5.370 min Scan# 319  
Delta R.T. -0.014 min  
Lab File: BN038045.D  
Acq: 07 Oct 2025 14:28

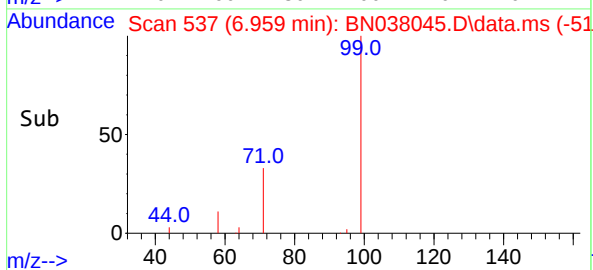
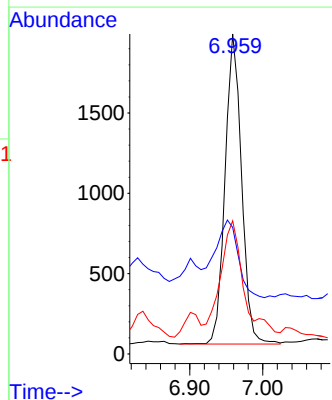
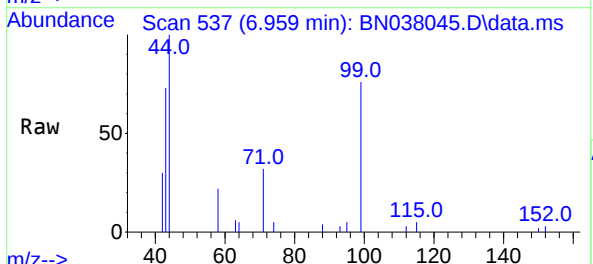
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-184-GW-600-602

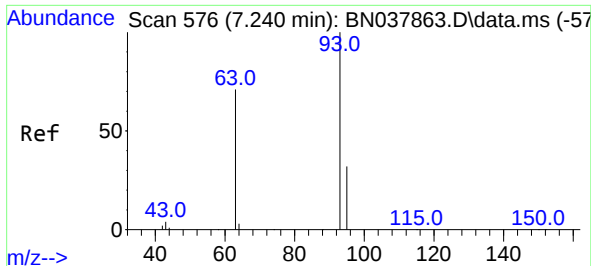
Tgt Ion:112 Resp: 3408  
Ion Ratio Lower Upper  
112 100  
64 55.9 44.6 66.8  
63 30.3 24.9 37.3



#5  
Phenol-d6  
Concen: 0.127 ng  
RT: 6.959 min Scan# 537  
Delta R.T. -0.014 min  
Lab File: BN038045.D  
Acq: 07 Oct 2025 14:28

Tgt Ion: 99 Resp: 3024  
Ion Ratio Lower Upper  
99 100  
42 36.4 17.2 25.8#  
71 52.4 27.3 40.9#

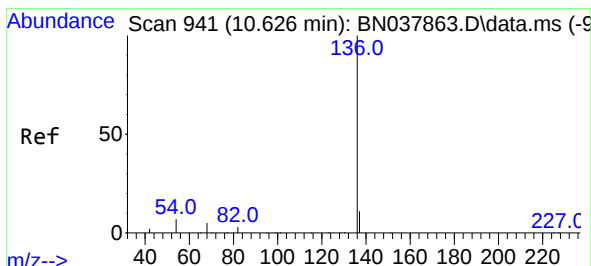
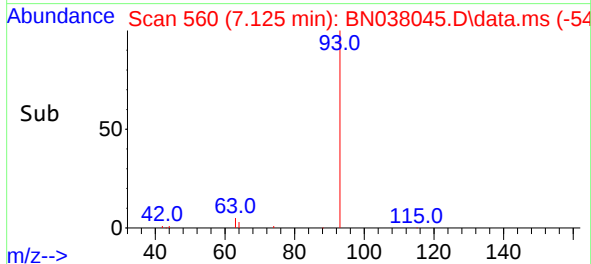
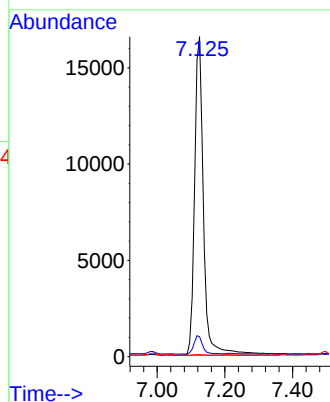
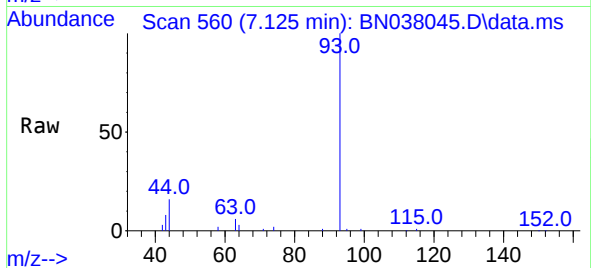




#6  
bis(2-Chloroethyl)ether  
Concen: 1.370 ng  
RT: 7.125 min Scan# 50  
Delta R.T. -0.116 min  
Lab File: BN038045.D  
Acq: 07 Oct 2025 14:28

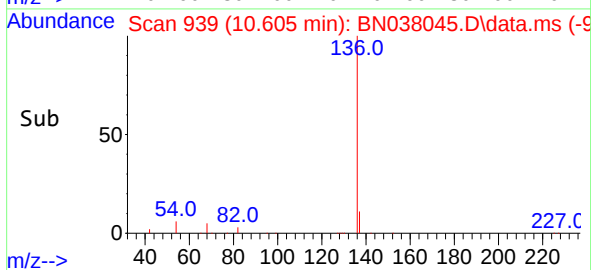
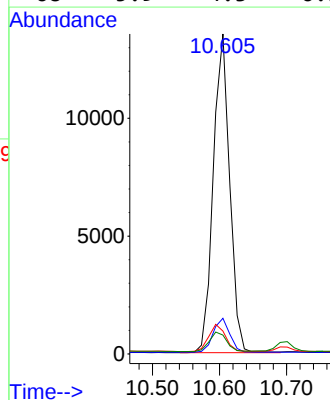
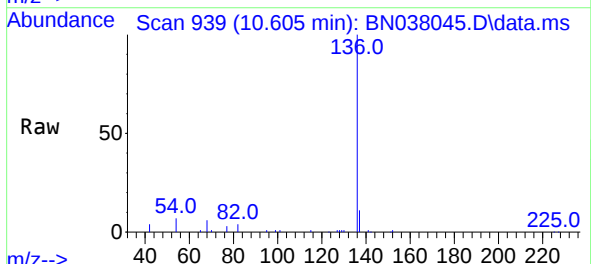
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-184-GW-600-602

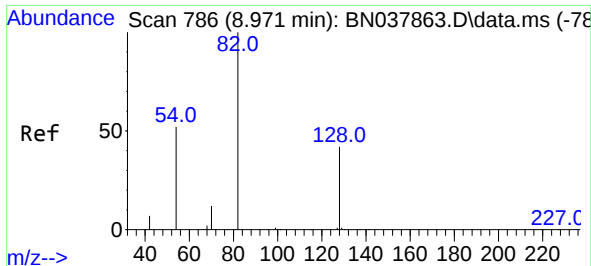
Tgt Ion: 93 Resp: 30380  
Ion Ratio Lower Upper  
93 100  
63 5.6 60.1 90.1#  
95 0.2 25.4 38.2#



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.605 min Scan# 939  
Delta R.T. -0.021 min  
Lab File: BN038045.D  
Acq: 07 Oct 2025 14:28

Tgt Ion: 136 Resp: 23022  
Ion Ratio Lower Upper  
136 100  
137 11.1 9.0 13.4  
54 7.2 5.8 8.8  
68 5.9 4.3 6.5

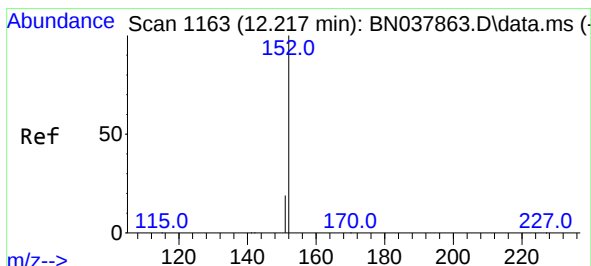
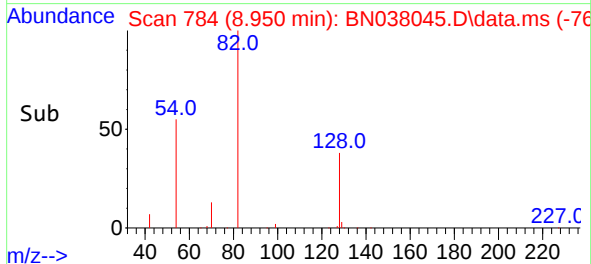
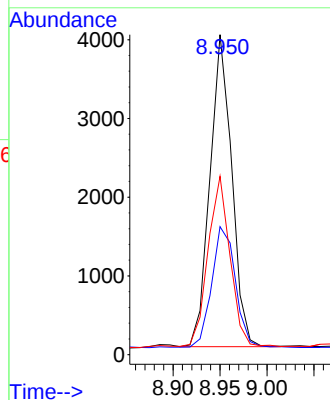
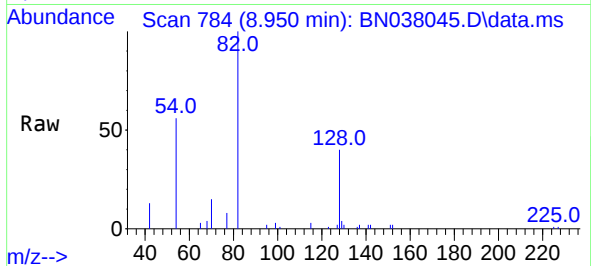




#8  
Nitrobenzene-d5  
Concen: 0.364 ng  
RT: 8.950 min Scan# 71  
Delta R.T. -0.021 min  
Lab File: BN038045.D  
Acq: 07 Oct 2025 14:28

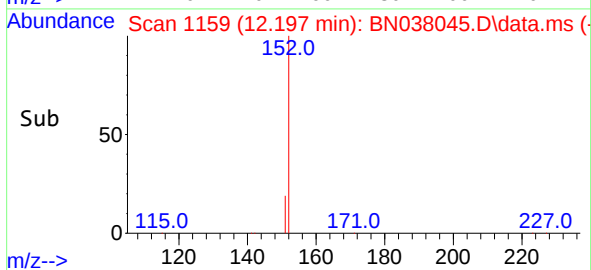
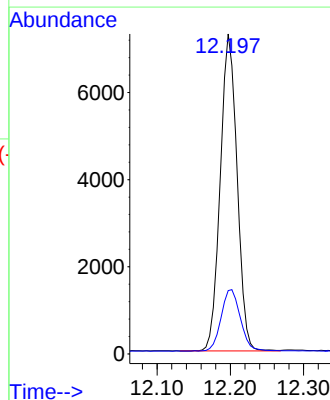
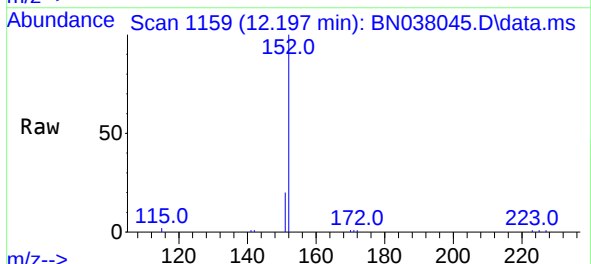
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-184-GW-600-602

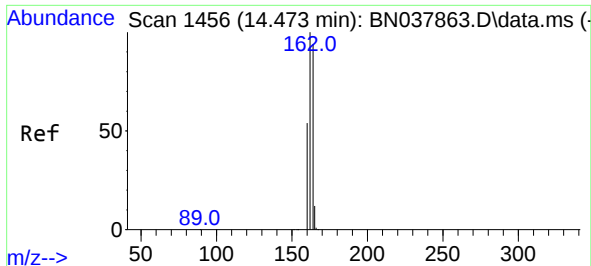
Tgt Ion: 82 Resp: 6393  
Ion Ratio Lower Upper  
82 100  
128 40.0 34.8 52.2  
54 55.7 42.2 63.2



#11  
2-Methylnaphthalene-d10  
Concen: 0.363 ng  
RT: 12.197 min Scan# 1159  
Delta R.T. -0.020 min  
Lab File: BN038045.D  
Acq: 07 Oct 2025 14:28

Tgt Ion:152 Resp: 11622  
Ion Ratio Lower Upper  
152 100  
151 22.2 17.4 26.2

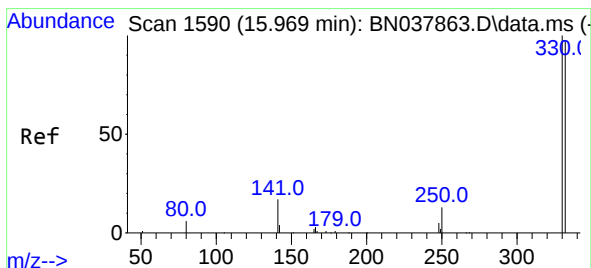
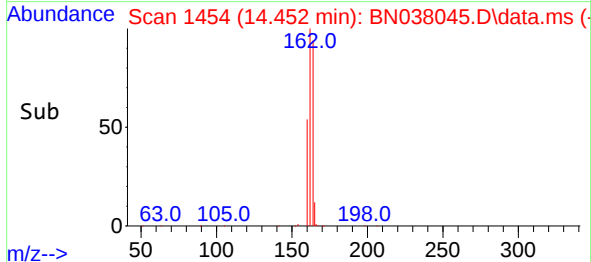
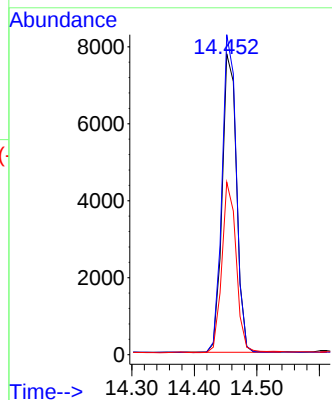
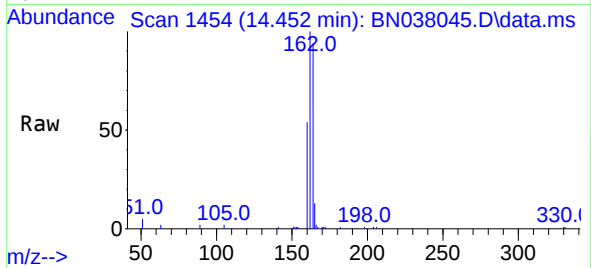




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.452 min Scan# 1456  
Delta R.T. -0.021 min  
Lab File: BN038045.D  
Acq: 07 Oct 2025 14:28

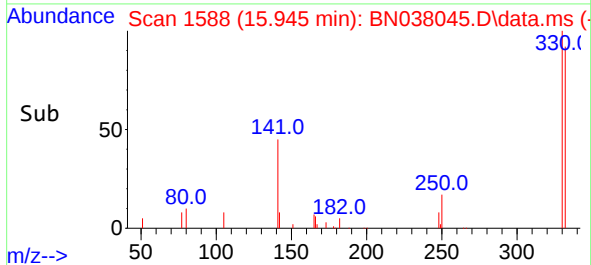
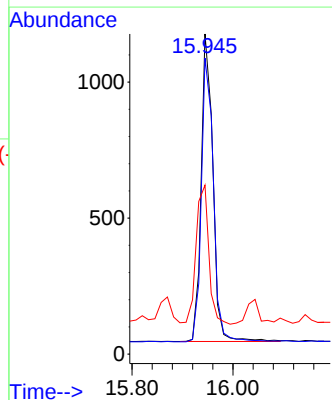
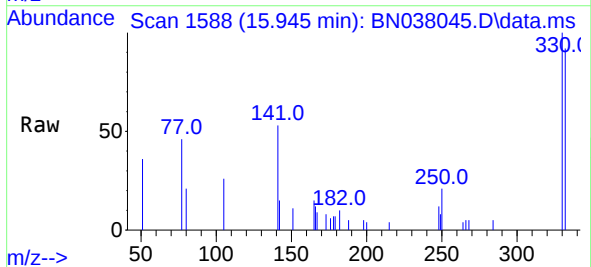
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-184-GW-600-602

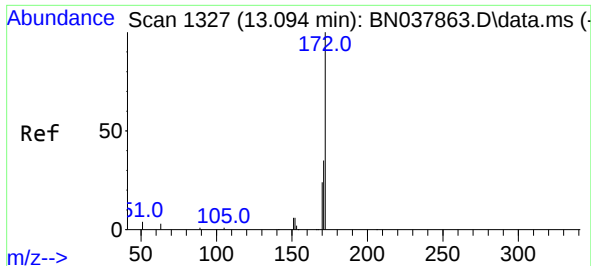
Tgt Ion:164 Resp: 12487  
Ion Ratio Lower Upper  
164 100  
162 106.4 84.8 127.2  
160 57.4 46.1 69.1



#14  
2,4,6-Tribromophenol  
Concen: 0.387 ng  
RT: 15.945 min Scan# 1588  
Delta R.T. -0.024 min  
Lab File: BN038045.D  
Acq: 07 Oct 2025 14:28

Tgt Ion:330 Resp: 1832  
Ion Ratio Lower Upper  
330 100  
332 95.3 77.2 115.8  
141 48.9 37.2 55.8

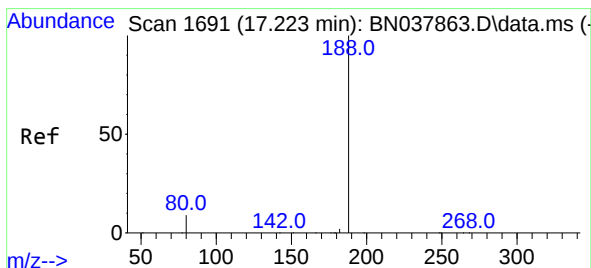
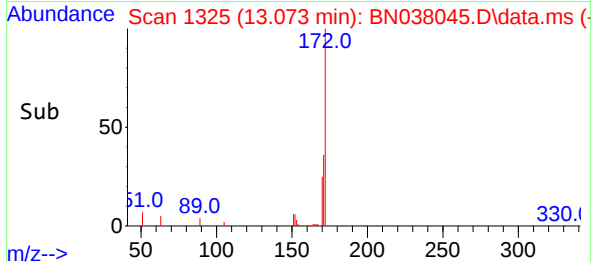
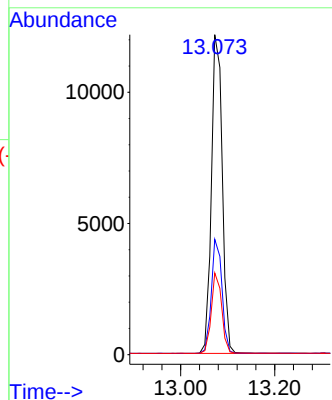
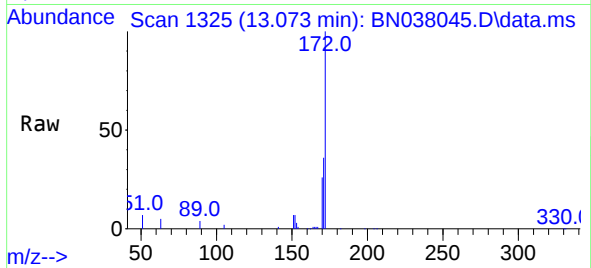




#15  
2-Fluorobiphenyl  
Concen: 0.362 ng  
RT: 13.073 min Scan# 11  
Delta R.T. -0.021 min  
Lab File: BN038045.D  
Acq: 07 Oct 2025 14:28

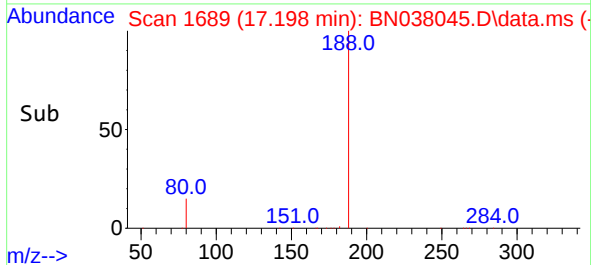
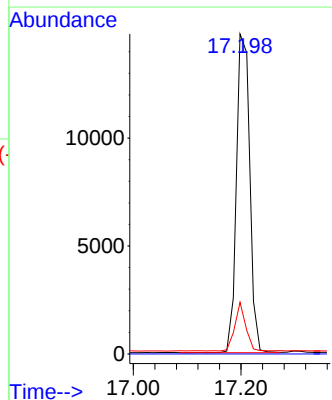
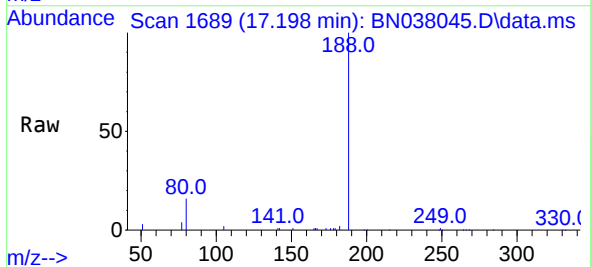
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-184-GW-600-602

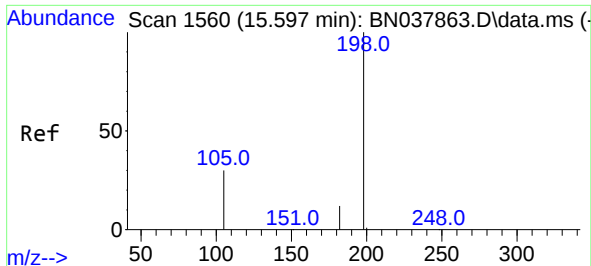
Tgt Ion:172 Resp: 18523  
Ion Ratio Lower Upper  
172 100  
171 36.0 28.6 43.0  
170 25.6 19.7 29.5



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.198 min Scan# 1689  
Delta R.T. -0.025 min  
Lab File: BN038045.D  
Acq: 07 Oct 2025 14:28

Tgt Ion:188 Resp: 25250  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 16.1 7.6 11.4#

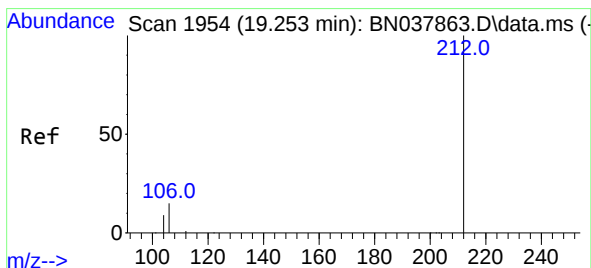
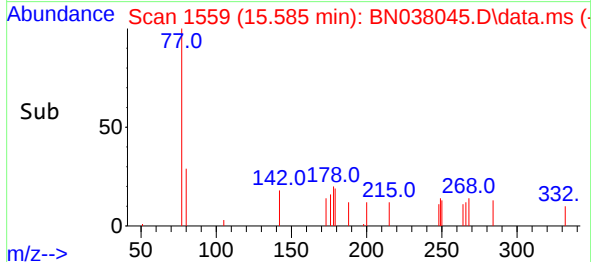
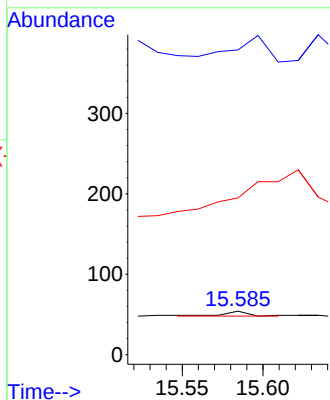
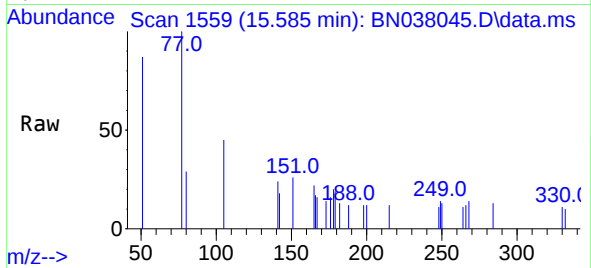




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.070 ng  
RT: 15.585 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BN038045.D  
Acq: 07 Oct 2025 14:28

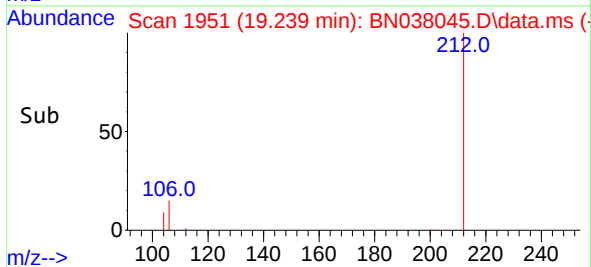
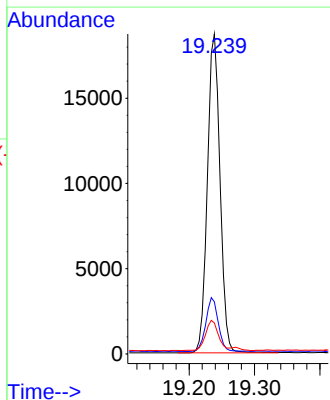
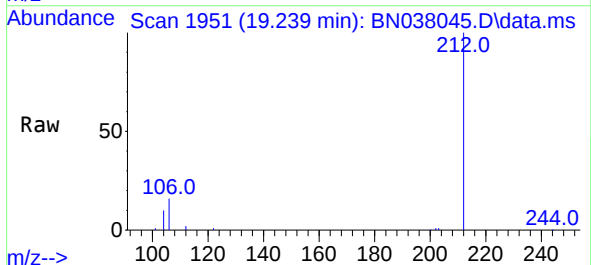
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-184-GW-600-602

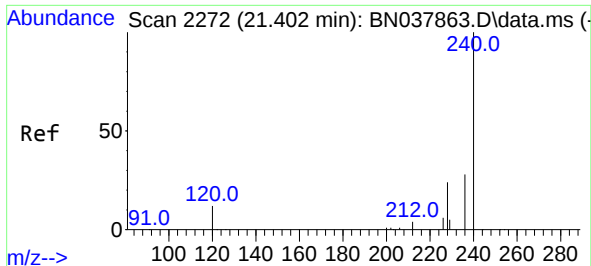
Tgt Ion:198 Resp: 7  
Ion Ratio Lower Upper  
198 100  
51 701.9 59.1 88.7#  
105 361.1 41.3 61.9#



#27  
Fluoranthene-d10  
Concen: 0.394 ng  
RT: 19.239 min Scan# 1951  
Delta R.T. -0.014 min  
Lab File: BN038045.D  
Acq: 07 Oct 2025 14:28

Tgt Ion:212 Resp: 25053  
Ion Ratio Lower Upper  
212 100  
106 16.7 12.6 19.0  
104 9.6 7.4 11.0

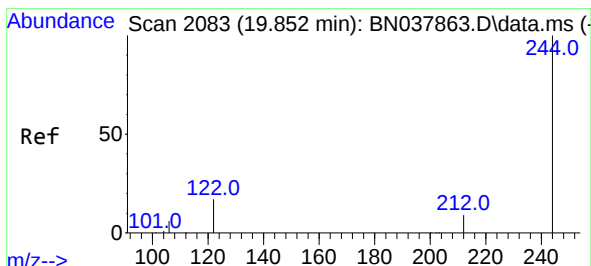
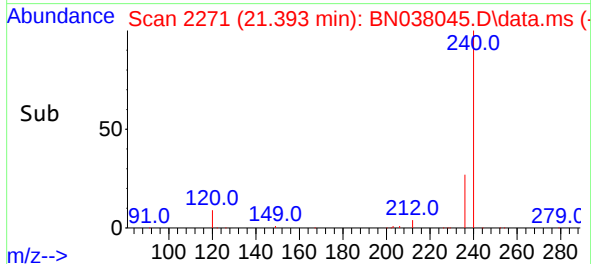
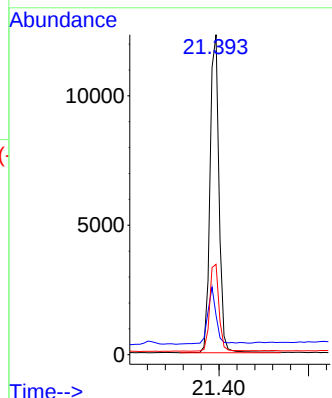
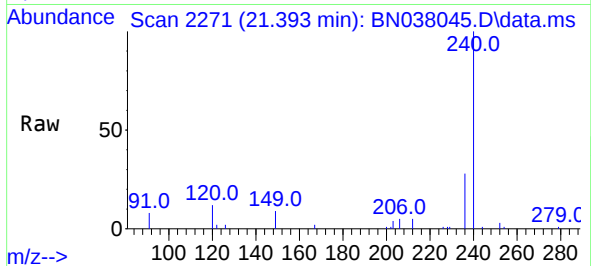




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.393 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BN038045.D  
Acq: 07 Oct 2025 14:28

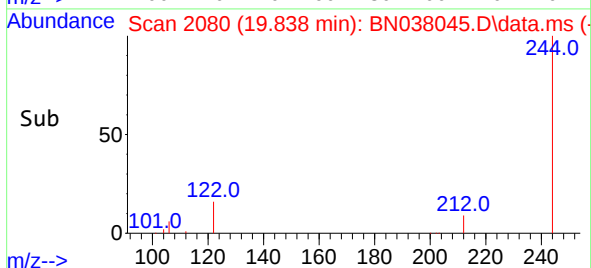
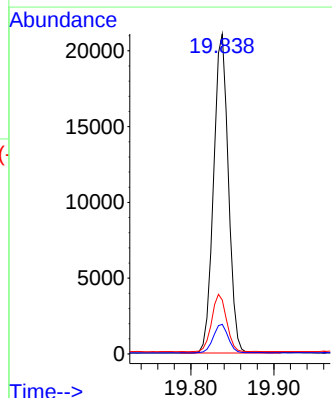
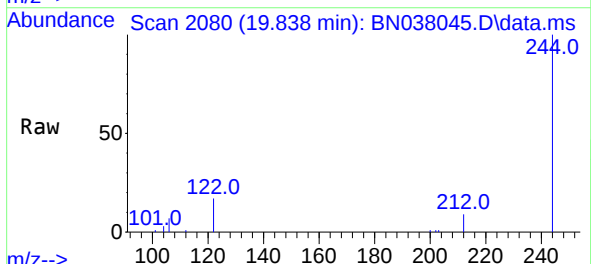
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-184-GW-600-602

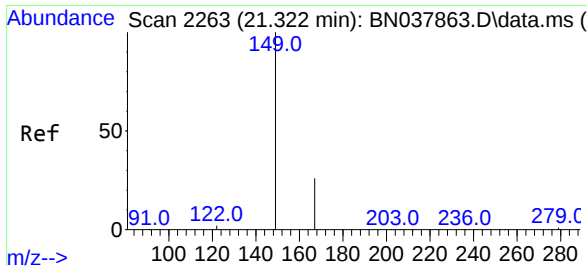
Tgt Ion:240 Resp: 17199  
Ion Ratio Lower Upper  
240 100  
120 12.4 11.4 17.2  
236 28.3 23.0 34.6



#31  
Terphenyl-d14  
Concen: 0.758 ng  
RT: 19.838 min Scan# 2080  
Delta R.T. -0.014 min  
Lab File: BN038045.D  
Acq: 07 Oct 2025 14:28

Tgt Ion:244 Resp: 25960  
Ion Ratio Lower Upper  
244 100  
212 9.2 7.6 11.4  
122 16.9 13.9 20.9

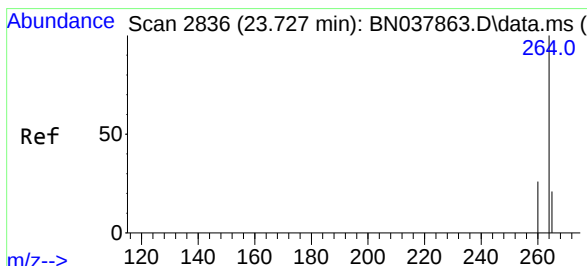
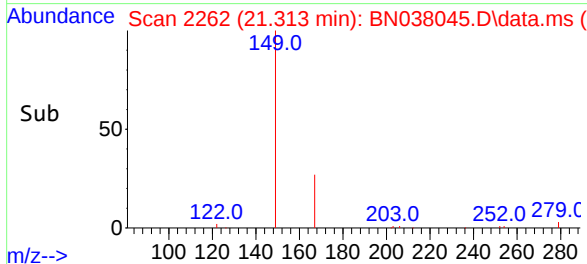
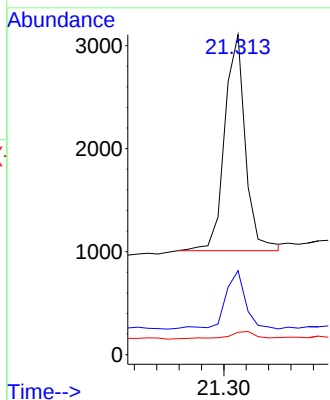
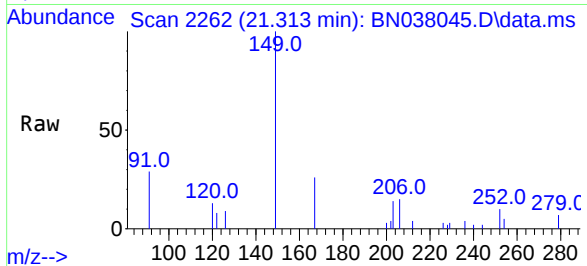




#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.114 ng  
RT: 21.313 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BN038045.D  
Acq: 07 Oct 2025 14:28

Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-184-GW-600-602

Tgt Ion:149 Resp: 2704  
Ion Ratio Lower Upper  
149 100  
167 25.8 20.4 30.6  
279 4.4 2.4 3.6#



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.709 min Scan# 2830  
Delta R.T. -0.018 min  
Lab File: BN038045.D  
Acq: 07 Oct 2025 14:28

Tgt Ion:264 Resp: 12217  
Ion Ratio Lower Upper  
264 100  
260 27.7 21.5 32.3  
265 89.5 53.8 80.6#

