

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070225\  
 Data File : BN037427.D  
 Acq On : 02 Jul 2025 15:37  
 Operator : RC/JU  
 Sample : Q2439-01  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW8-SP100-20250626

Quant Time: Jul 02 16:08:53 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN062625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 26 16:06:33 2025  
 Response via : Initial Calibration

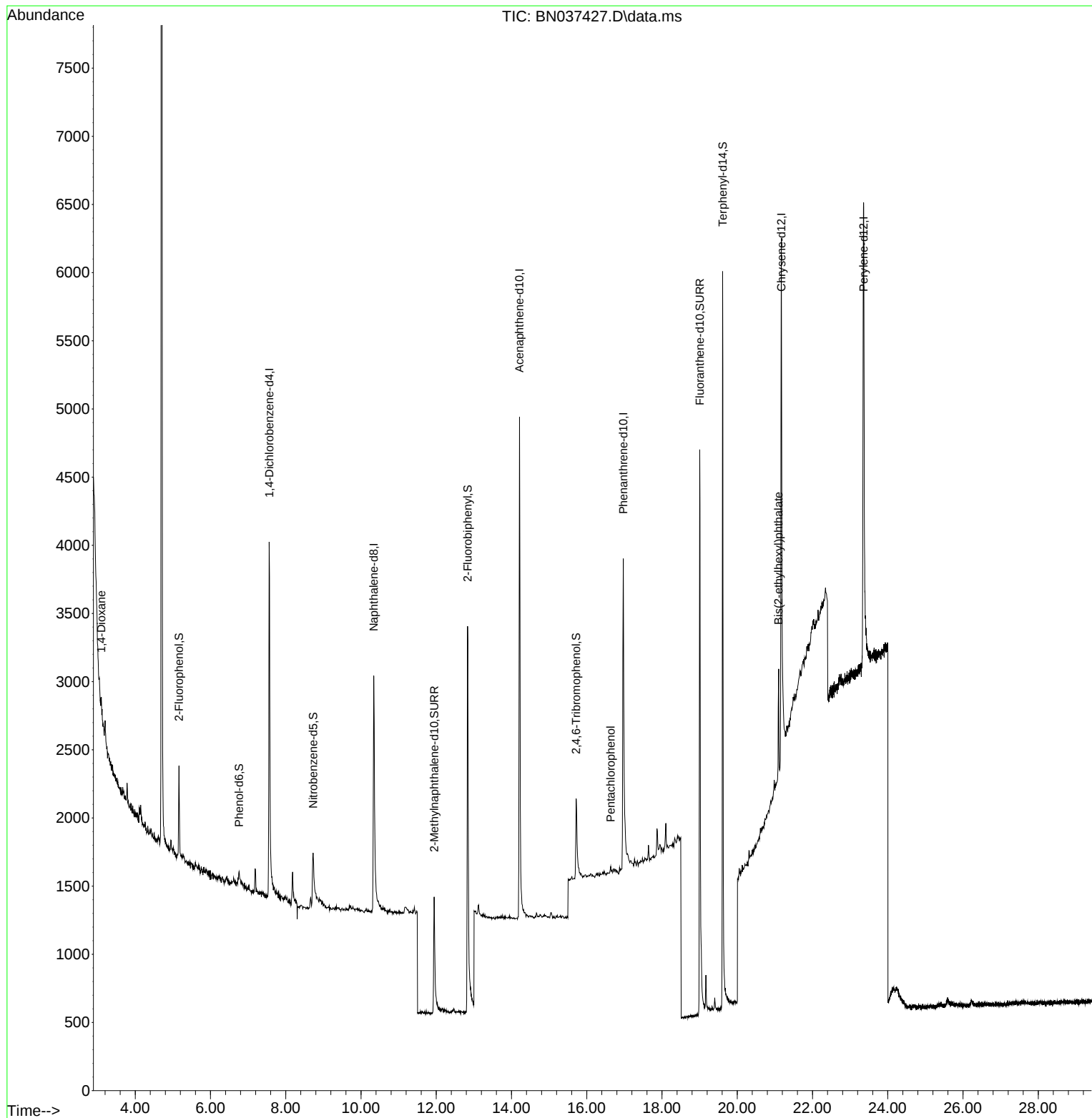
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.560  | 152  | 1716     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.340 | 136  | 3491     | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.213 | 164  | 2495     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.971 | 188  | 5083     | 0.400 | ng    | 0.01     |
| 29) Chrysene-d12              | 21.171 | 240  | 5310     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.357 | 264  | 5822     | 0.400 | ng    | # 0.01   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.163  | 112  | 562      | 0.170 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.759  | 99   | 221      | 0.064 | ng    | 0.01     |
| 8) Nitrobenzene-d5            | 8.728  | 82   | 846      | 0.302 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 11.945 | 152  | 1810     | 0.335 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.718 | 330  | 606      | 0.414 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.833 | 172  | 3885     | 0.361 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.003 | 212  | 6377     | 0.438 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.611 | 244  | 6673     | 0.589 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.097  | 88   | 137      | 0.084 | ng    | # 20     |
| 24) Pentachlorophenol         | 16.636 | 266  | 45       | 0.022 | ng    | 93       |
| 34) Bis(2-ethylhexyl)phtha... | 21.099 | 149  | 815      | 0.123 | ng    | # 93     |
| -----                         |        |      |          |       |       |          |

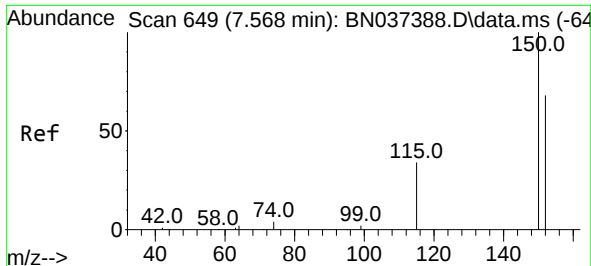
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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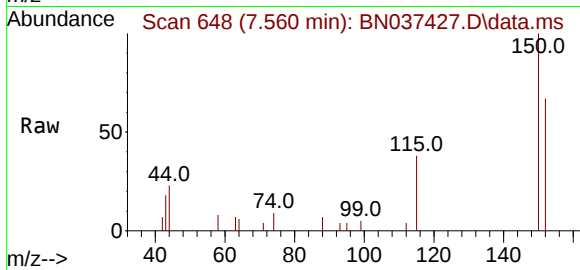
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN062625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 26 16:06:33 2025  
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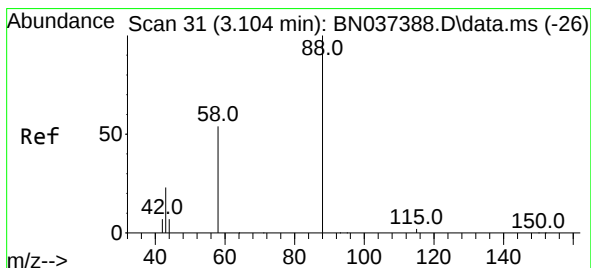
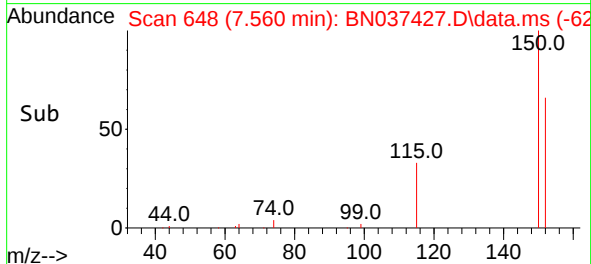
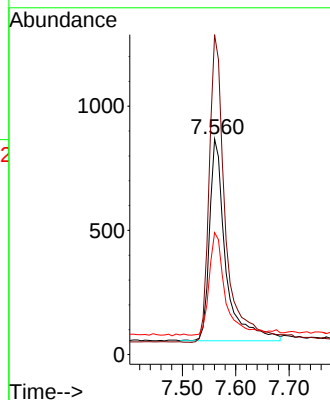


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.560 min Scan# 64  
 Delta R.T. -0.008 min  
 Lab File: BN037427.D  
 Acq: 02 Jul 2025 15:37

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 BNA\_N  
 ClientSampleId :  
 RW8-SP100-20250626

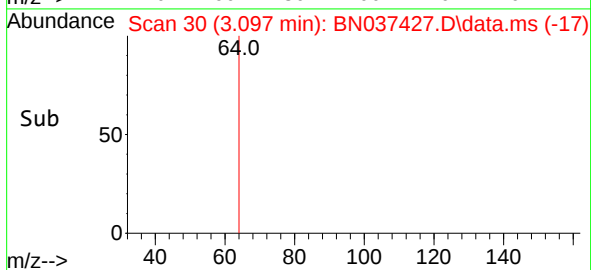
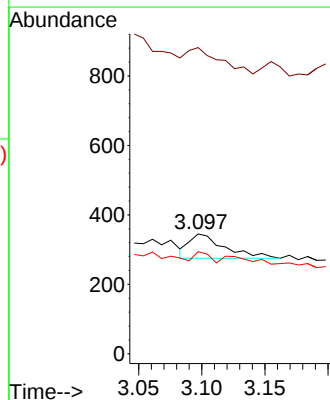
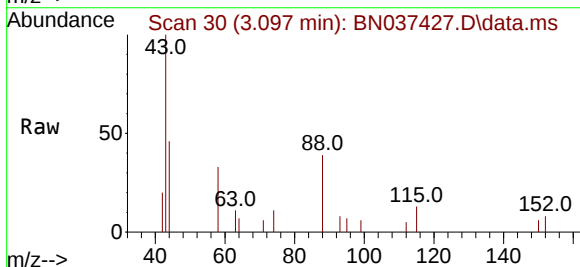


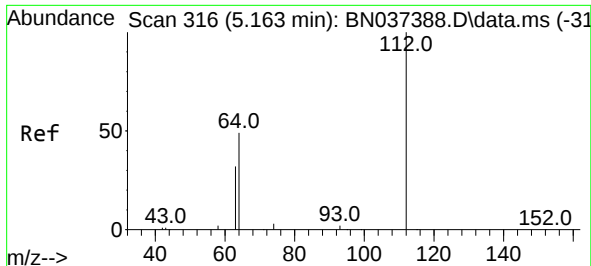
Tgt Ion:152 Resp: 1716  
 Ion Ratio Lower Upper  
 152 100  
 150 148.4 116.2 174.2  
 115 56.6 42.9 64.3



#2  
 1,4-Dioxane  
 Concen: 0.084 ng  
 RT: 3.097 min Scan# 30  
 Delta R.T. -0.007 min  
 Lab File: BN037427.D  
 Acq: 02 Jul 2025 15:37

Tgt Ion: 88 Resp: 137  
 Ion Ratio Lower Upper  
 88 100  
 43 98.5 21.6 32.4#  
 58 18.2 45.9 68.9#

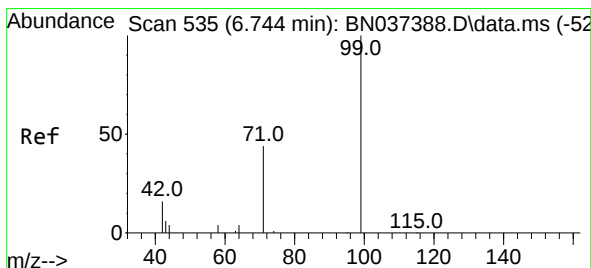
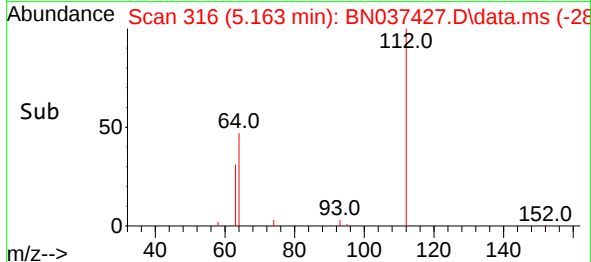
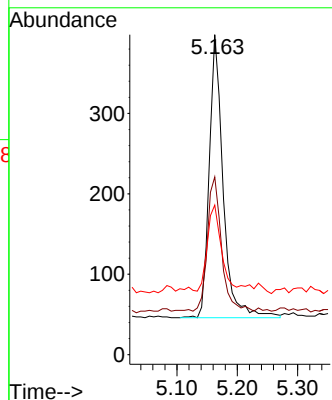
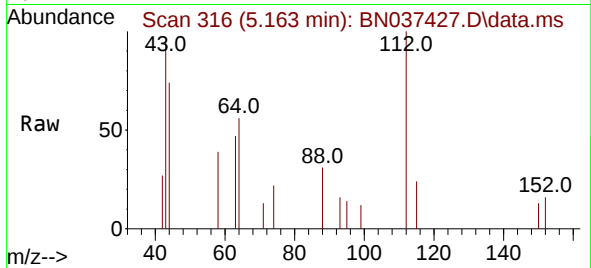




#4  
2-Fluorophenol  
Concen: 0.170 ng  
RT: 5.163 min Scan# 316  
Delta R.T. -0.000 min  
Lab File: BN037427.D  
Acq: 02 Jul 2025 15:37

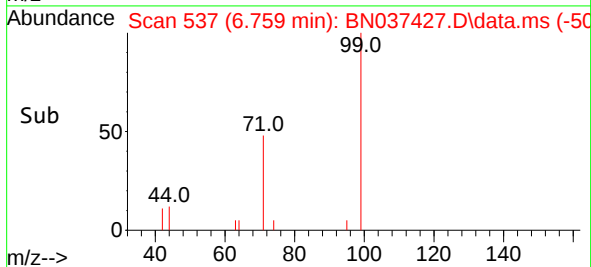
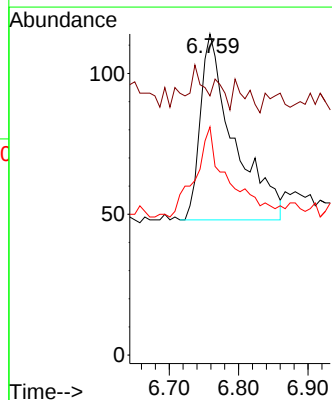
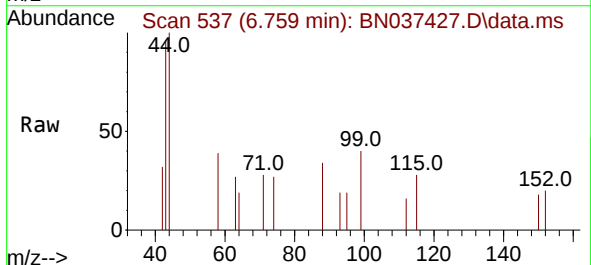
Instrument :  
BNA\_N  
ClientSampleId :  
RW8-SP100-20250626

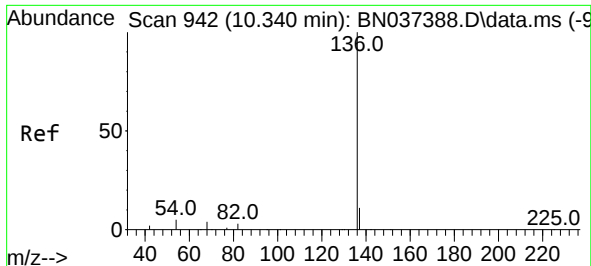
Tgt Ion:112 Resp: 562  
Ion Ratio Lower Upper  
112 100  
64 50.2 40.3 60.5  
63 30.2 26.1 39.1



#5  
Phenol-d6  
Concen: 0.064 ng  
RT: 6.759 min Scan# 537  
Delta R.T. 0.014 min  
Lab File: BN037427.D  
Acq: 02 Jul 2025 15:37

Tgt Ion: 99 Resp: 221  
Ion Ratio Lower Upper  
99 100  
42 5.0 15.6 23.4#  
71 48.0 35.8 53.8

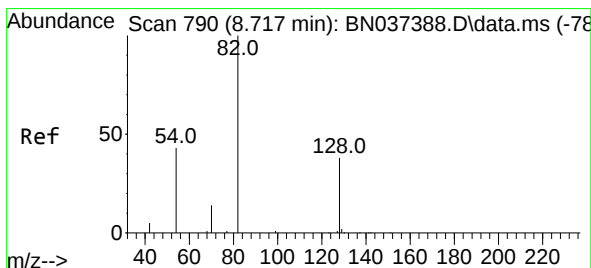
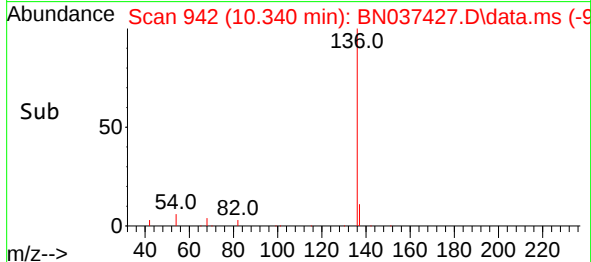
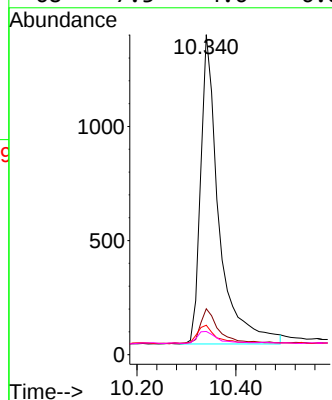
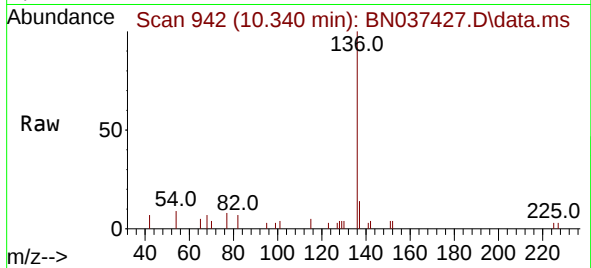




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.340 min Scan# 94  
Delta R.T. -0.000 min  
Lab File: BN037427.D  
Acq: 02 Jul 2025 15:37

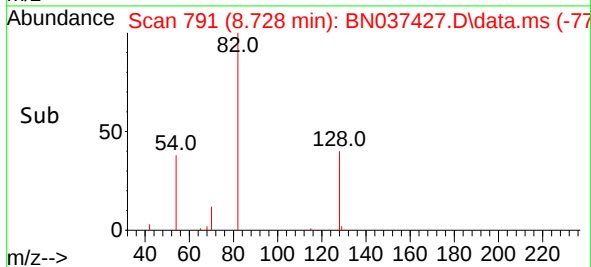
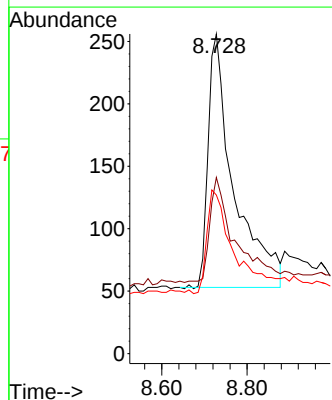
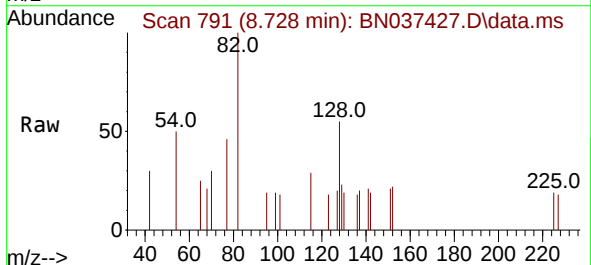
Instrument :  
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RW8-SP100-20250626

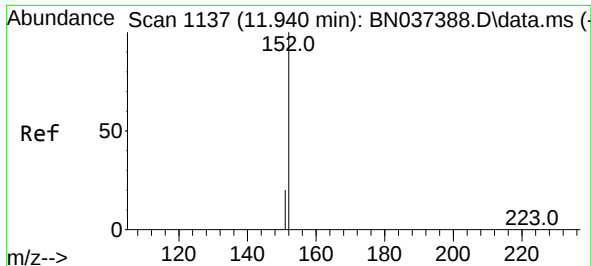
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 136   | Resp: | 3491 |
| Ion Ratio | Lower | Upper |      |
| 136       | 100   |       |      |
| 137       | 14.3  | 10.4  | 15.6 |
| 54        | 9.2   | 5.6   | 8.4# |
| 68        | 7.3   | 4.6   | 6.8# |



#8  
Nitrobenzene-d5  
Concen: 0.302 ng  
RT: 8.728 min Scan# 791  
Delta R.T. 0.011 min  
Lab File: BN037427.D  
Acq: 02 Jul 2025 15:37

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 82    | Resp: | 846   |
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 128       | 55.1  | 34.0  | 51.0# |
| 54        | 49.6  | 37.7  | 56.5  |

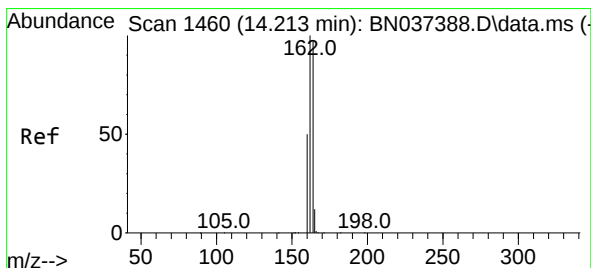
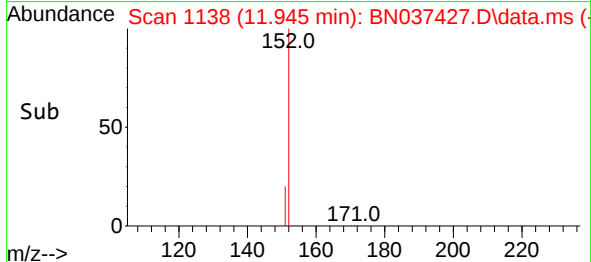
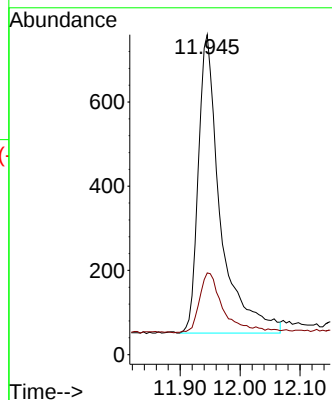
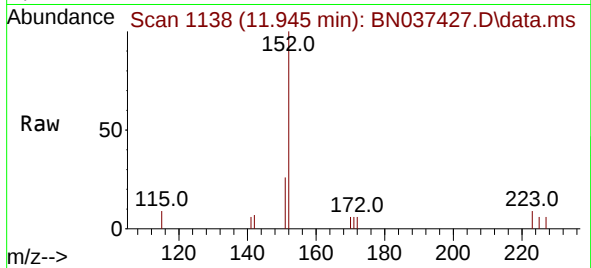




#11  
2-Methylnaphthalene-d10  
Concen: 0.335 ng  
RT: 11.945 min Scan# 1138  
Delta R.T. 0.005 min  
Lab File: BN037427.D  
Acq: 02 Jul 2025 15:37

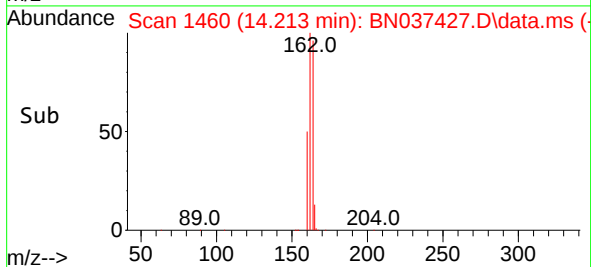
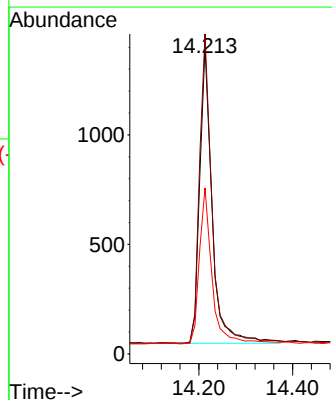
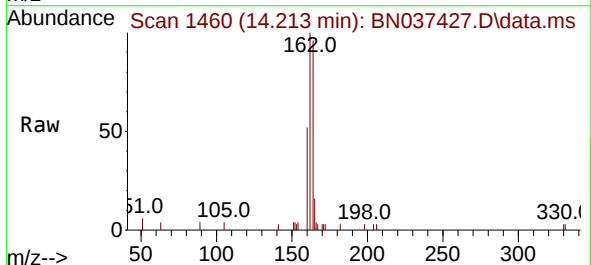
Instrument :  
BNA\_N  
ClientSampleId :  
RW8-SP100-20250626

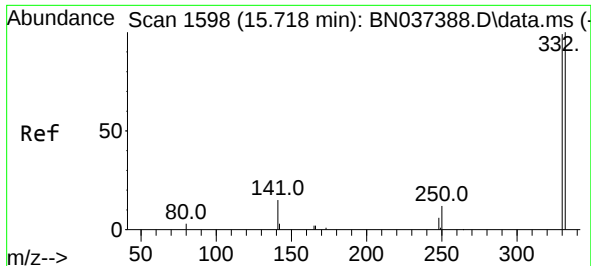
Tgt Ion:152 Resp: 1810  
Ion Ratio Lower Upper  
152 100  
151 20.7 18.4 27.6



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.213 min Scan# 1460  
Delta R.T. -0.000 min  
Lab File: BN037427.D  
Acq: 02 Jul 2025 15:37

Tgt Ion:164 Resp: 2495  
Ion Ratio Lower Upper  
164 100  
162 104.1 82.6 123.8  
160 54.0 42.2 63.2

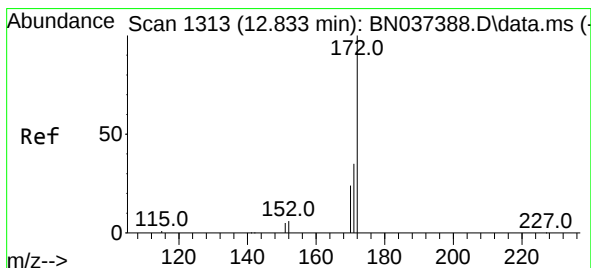
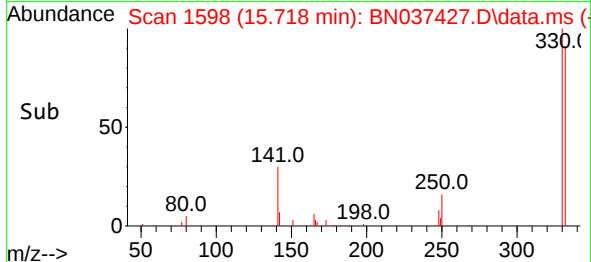
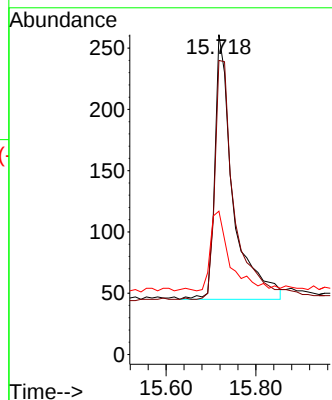
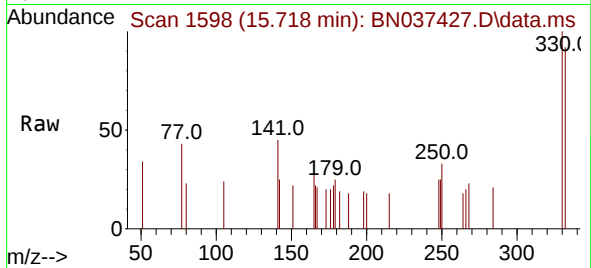




#14  
2,4,6-Tribromophenol  
Concen: 0.414 ng  
RT: 15.718 min Scan# 1598  
Delta R.T. -0.000 min  
Lab File: BN037427.D  
Acq: 02 Jul 2025 15:37

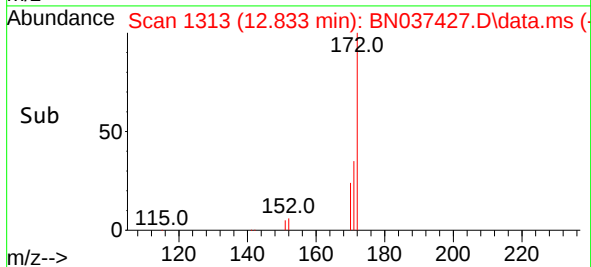
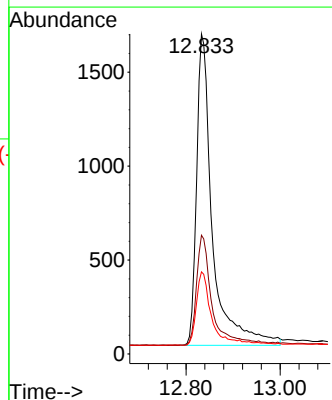
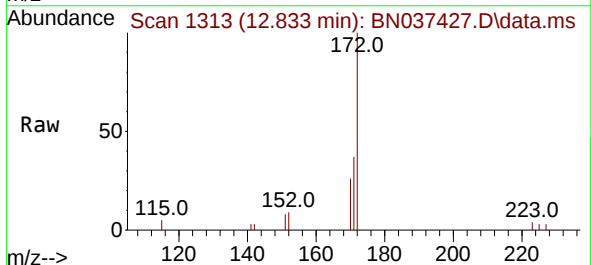
Instrument :  
BNA\_N  
ClientSampleId :  
RW8-SP100-20250626

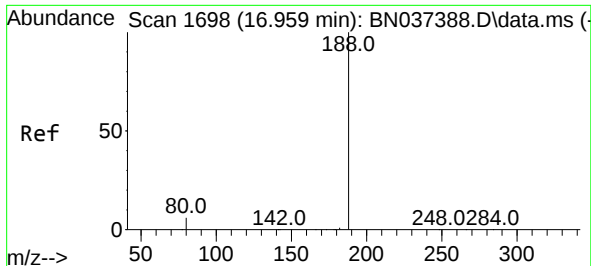
Tgt Ion: 330 Resp: 606  
Ion Ratio Lower Upper  
330 100  
332 96.0 77.8 116.8  
141 32.7 24.0 36.0



#15  
2-Fluorobiphenyl  
Concen: 0.361 ng  
RT: 12.833 min Scan# 1313  
Delta R.T. -0.000 min  
Lab File: BN037427.D  
Acq: 02 Jul 2025 15:37

Tgt Ion: 172 Resp: 3885  
Ion Ratio Lower Upper  
172 100  
171 37.1 28.8 43.2  
170 25.6 20.3 30.5

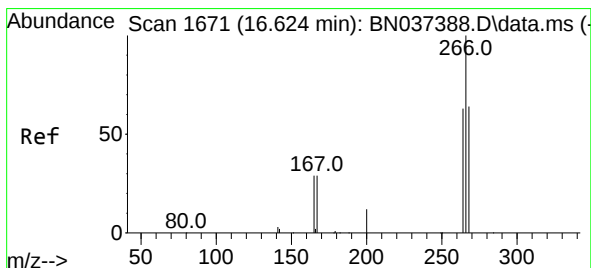
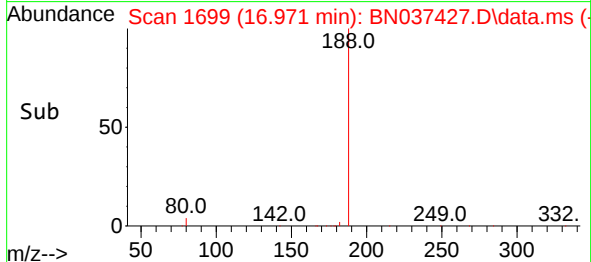
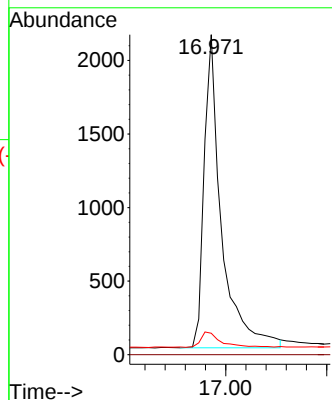
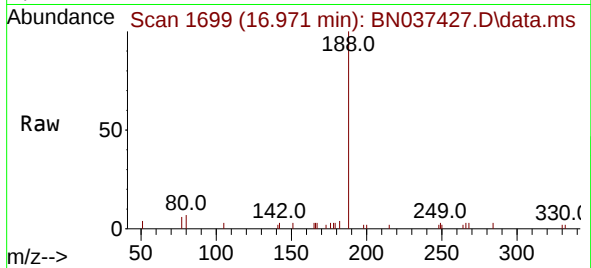




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.971 min Scan# 1699  
Delta R.T. 0.012 min  
Lab File: BN037427.D  
Acq: 02 Jul 2025 15:37

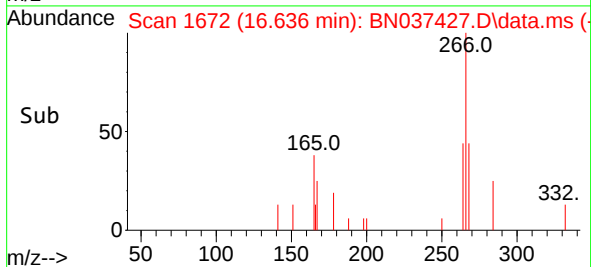
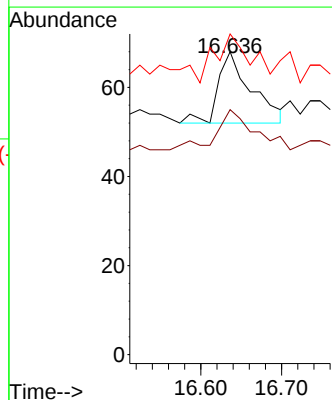
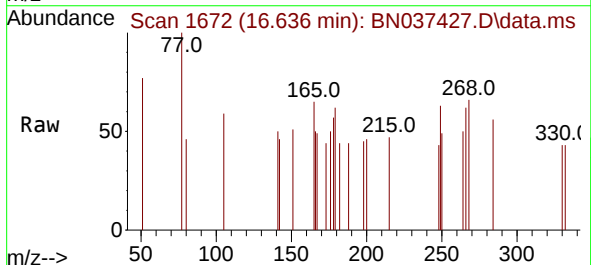
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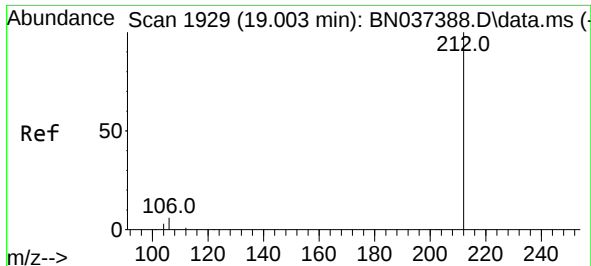
Tgt Ion:188 Resp: 5083  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 6.7 6.2 9.4



#24  
Pentachlorophenol  
Concen: 0.022 ng  
RT: 16.636 min Scan# 1672  
Delta R.T. 0.012 min  
Lab File: BN037427.D  
Acq: 02 Jul 2025 15:37

Tgt Ion:266 Resp: 45  
Ion Ratio Lower Upper  
266 100  
264 64.4 49.2 73.8  
268 75.6 54.2 81.4

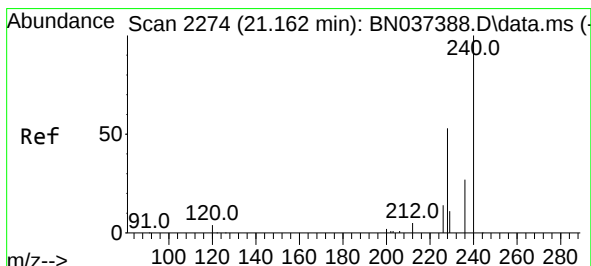
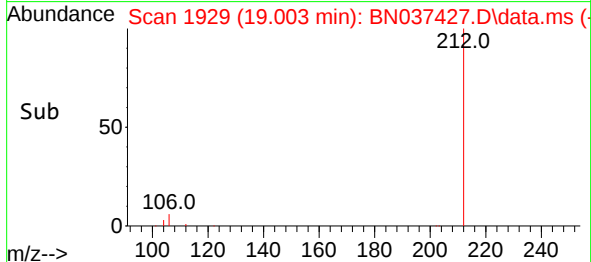
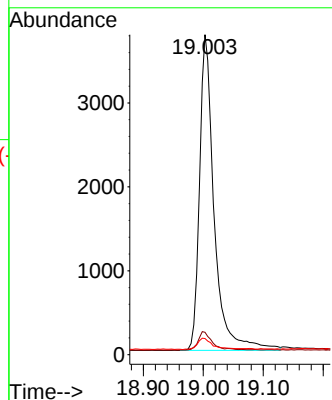
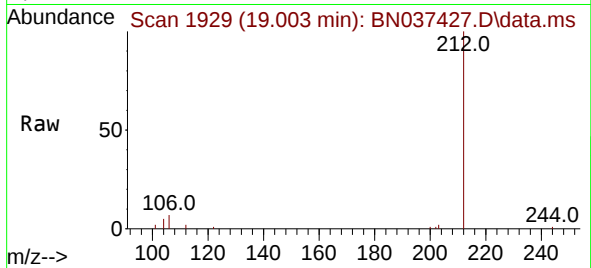




#27  
Fluoranthene-d10  
Concen: 0.438 ng  
RT: 19.003 min Scan# 1929  
Delta R.T. -0.000 min  
Lab File: BN037427.D  
Acq: 02 Jul 2025 15:37

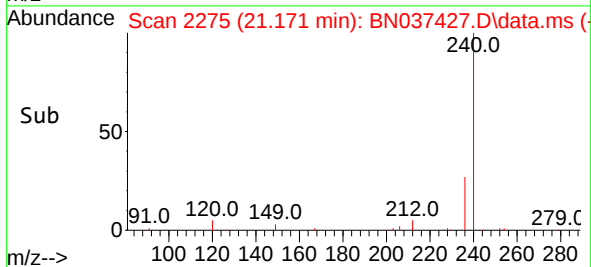
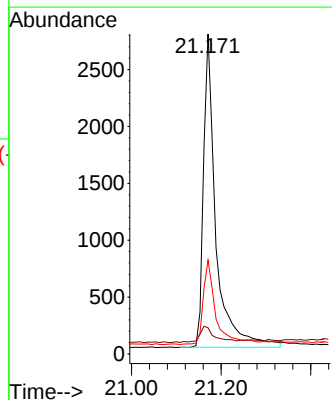
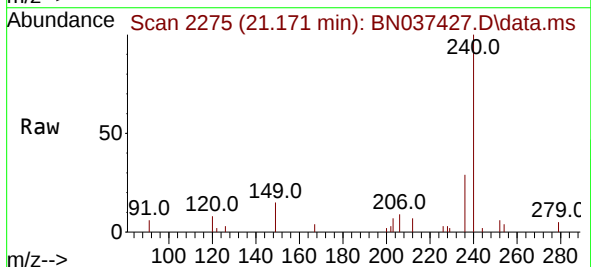
Instrument :  
BNA\_N  
ClientSampleId :  
RW8-SP100-20250626

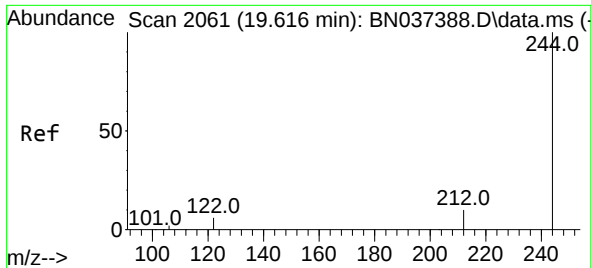
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Ion Ratio Lower Upper  
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106 5.7 4.5 6.7  
104 3.8 2.7 4.1



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.171 min Scan# 2275  
Delta R.T. 0.009 min  
Lab File: BN037427.D  
Acq: 02 Jul 2025 15:37

Tgt Ion:240 Resp: 5310  
Ion Ratio Lower Upper  
240 100  
120 8.2 5.3 7.9#  
236 29.3 22.7 34.1

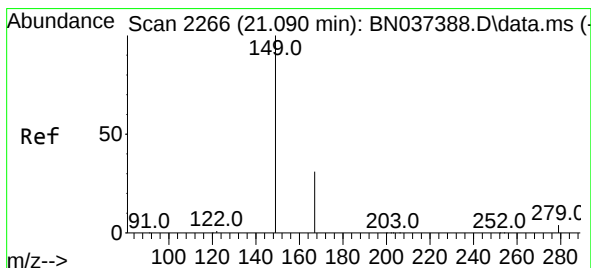
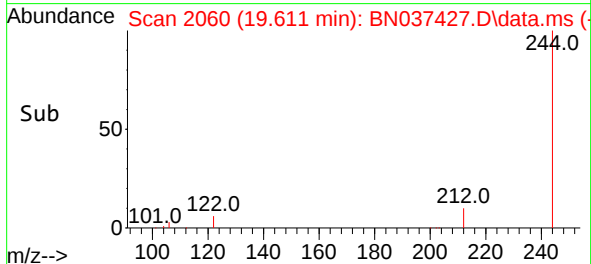
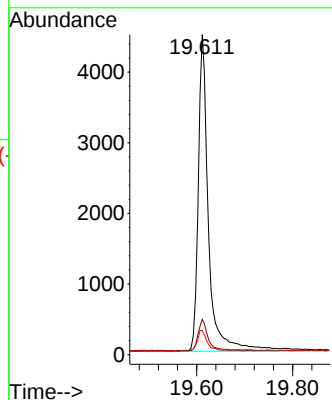
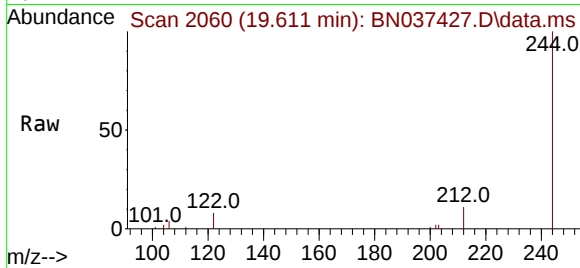




#31  
 Terphenyl-d14  
 Concen: 0.589 ng  
 RT: 19.611 min Scan# 2060  
 Delta R.T. -0.005 min  
 Lab File: BN037427.D  
 Acq: 02 Jul 2025 15:37

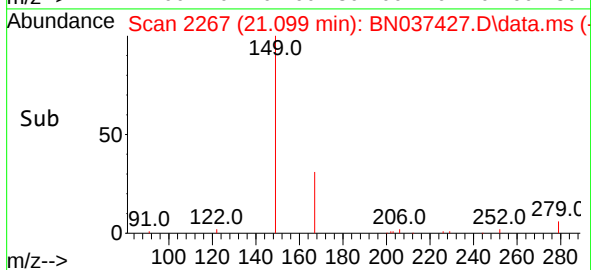
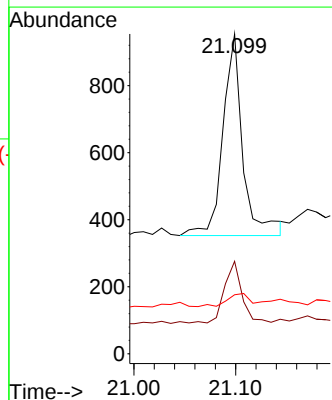
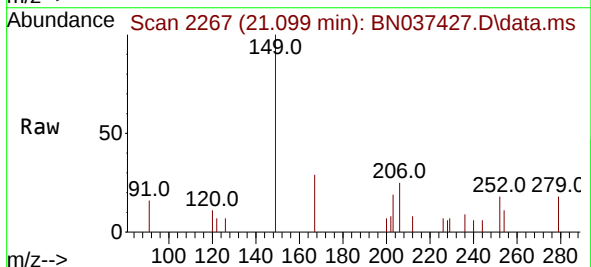
Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW8-SP100-20250626

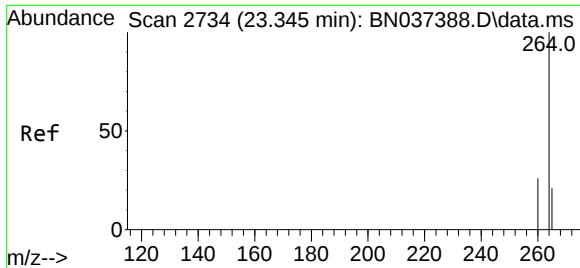
Tgt Ion:244 Resp: 6673  
 Ion Ratio Lower Upper  
 244 100  
 212 11.0 9.1 13.7  
 122 7.6 6.3 9.5



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.123 ng  
 RT: 21.099 min Scan# 2267  
 Delta R.T. 0.009 min  
 Lab File: BN037427.D  
 Acq: 02 Jul 2025 15:37

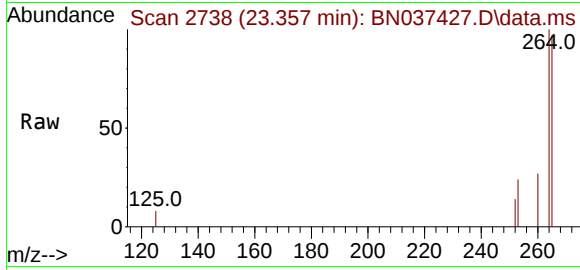
Tgt Ion:149 Resp: 815  
 Ion Ratio Lower Upper  
 149 100  
 167 26.9 24.8 37.2  
 279 8.0 5.0 7.6#





#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.357 min Scan# 21  
Delta R.T. 0.012 min  
Lab File: BN037427.D  
Acq: 02 Jul 2025 15:37

Instrument :  
BNA\_N  
ClientSampleId :  
RW8-SP100-20250626



Tgt Ion:264 Resp: 5822  
Ion Ratio Lower Upper  
264 100  
260 26.9 21.4 32.0  
265 96.9 56.2 84.4#

