

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051425\  
 Data File : BN037017.D  
 Acq On : 14 May 2025 18:00  
 Operator : RC/JU  
 Sample : Q2012-02  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW5-SP201-20250509

Quant Time: May 14 18:24:53 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

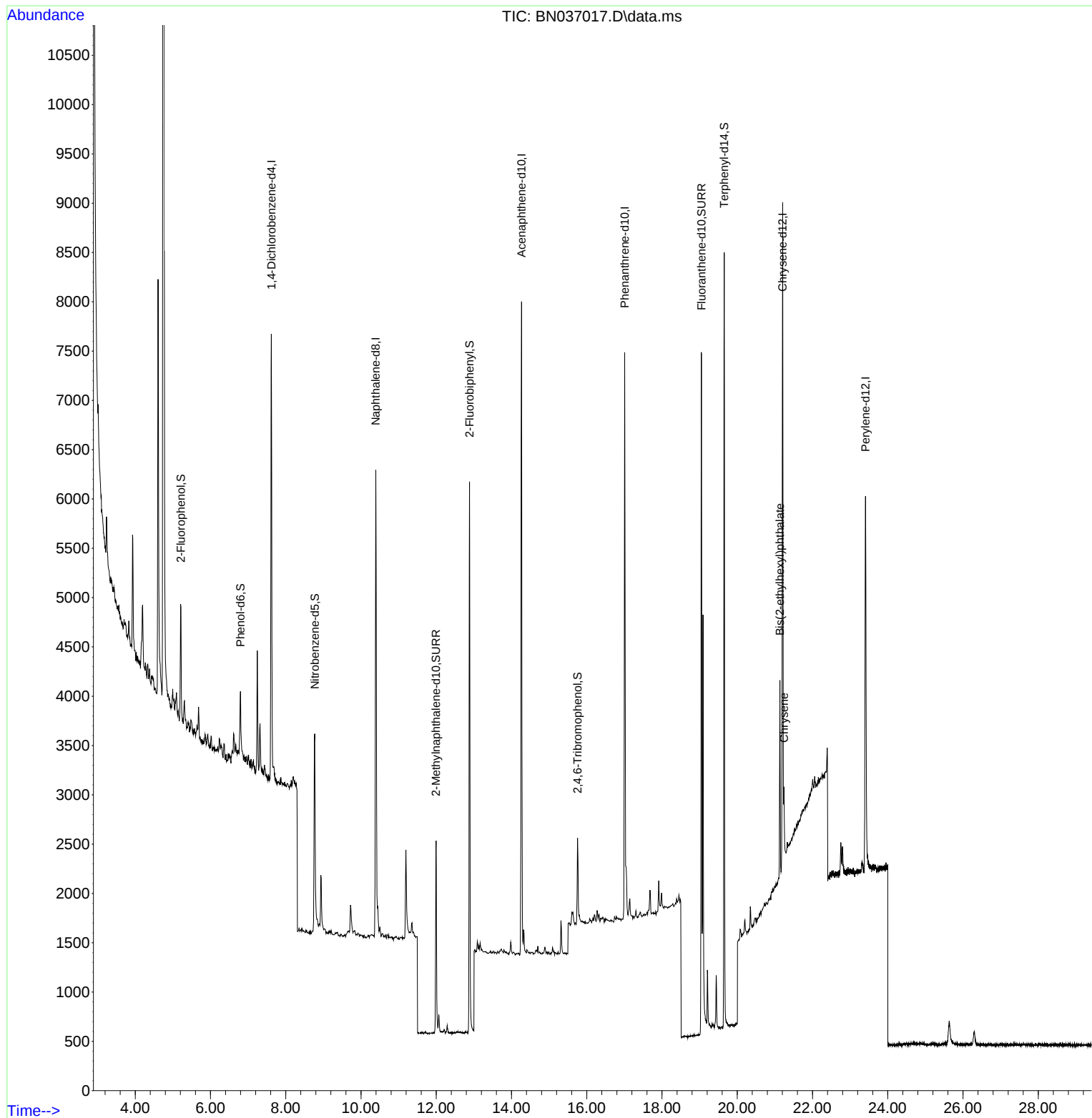
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.618  | 152  | 2293     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.394 | 136  | 6356     | 0.40 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.267 | 164  | 3777     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.009 | 188  | 7513     | 0.40 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.207 | 240  | 6052     | 0.40 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.410 | 264  | 5047     | 0.40 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.213  | 112  | 868      | 0.14 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.795  | 99   | 613      | 0.08 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.771  | 82   | 2047     | 0.30 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 11.996 | 152  | 2842     | 0.32 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.755 | 330  | 483      | 0.29 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 12.884 | 172  | 5457     | 0.32 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.050 | 212  | 7653     | 0.37 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.653 | 244  | 7243     | 0.56 | ng    | 0.00     |
| Target Compounds              |        |      |          |      |       |          |
| 33) Chrysene                  | 21.242 | 228  | 489      | 0.02 | ng    | # 86     |
| 34) Bis(2-ethylhexyl)phtha... | 21.135 | 149  | 1701     | 0.12 | ng    | # 99     |
| -----                         |        |      |          |      |       |          |

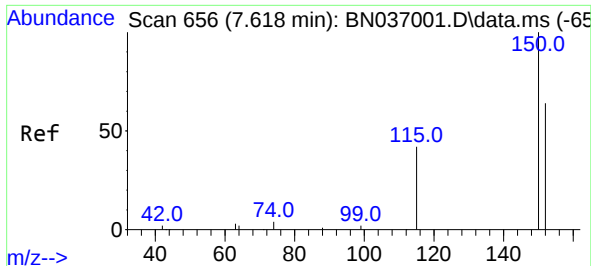
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051425\  
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Sample : Q2012-02  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
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RW5-SP201-20250509

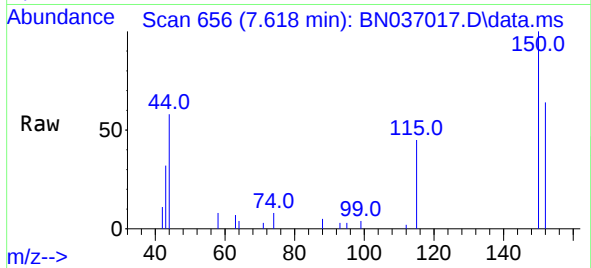
Quant Time: May 14 18:24:53 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN051425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 14 11:26:32 2025  
Response via : Initial Calibration



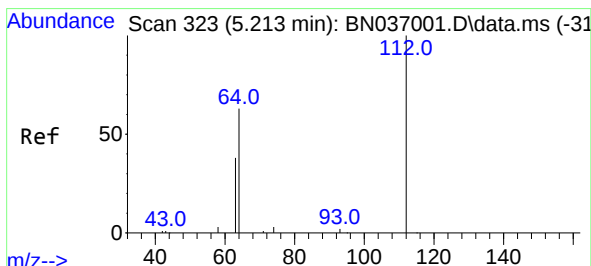
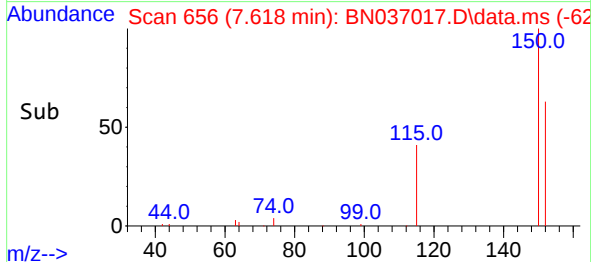
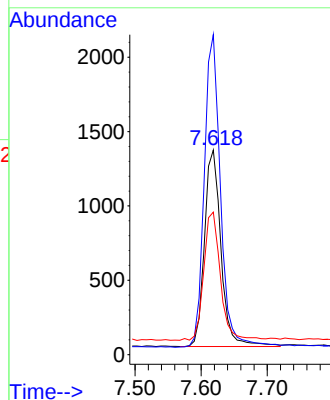


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.40 ng  
RT: 7.618 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BN037017.D  
Acq: 14 May 2025 18:00

Instrument :  
BNA\_N  
ClientSampleId :  
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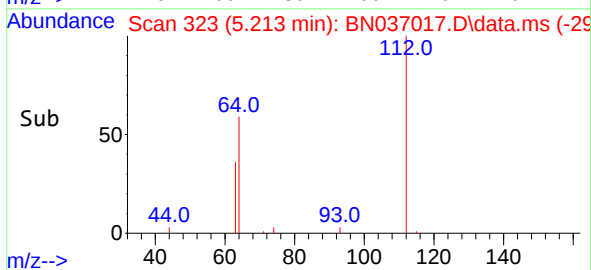
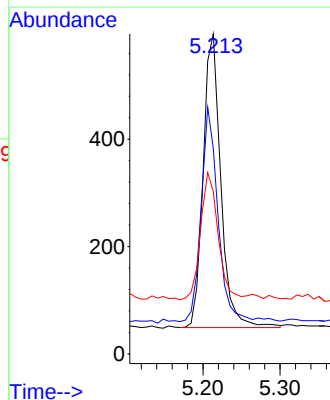
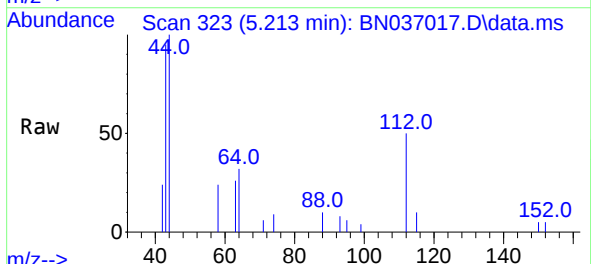


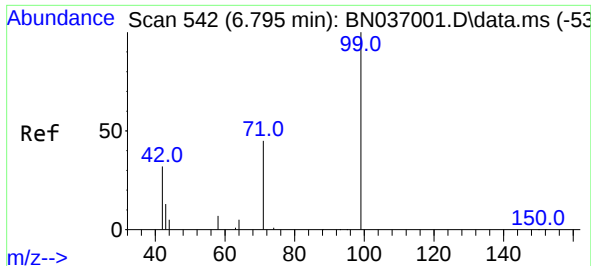
Tgt Ion:152 Resp: 2293  
Ion Ratio Lower Upper  
152 100  
150 156.4 123.9 185.9  
115 69.6 55.8 83.8



#4  
2-Fluorophenol  
Concen: 0.14 ng  
RT: 5.213 min Scan# 323  
Delta R.T. 0.000 min  
Lab File: BN037017.D  
Acq: 14 May 2025 18:00

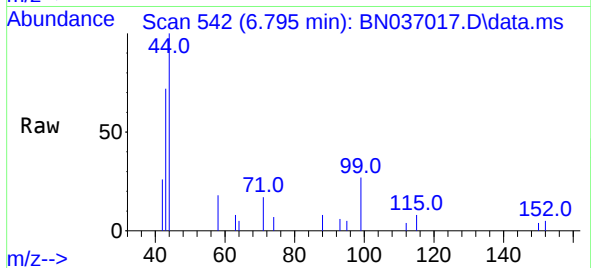
Tgt Ion:112 Resp: 868  
Ion Ratio Lower Upper  
112 100  
64 69.2 55.7 83.5  
63 42.7 34.6 51.8



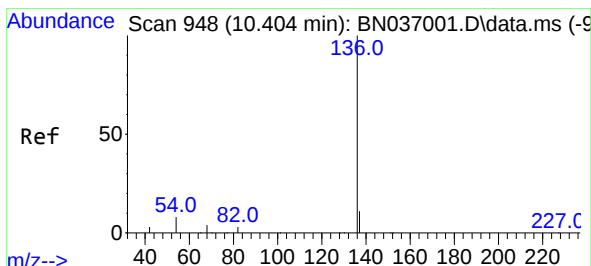
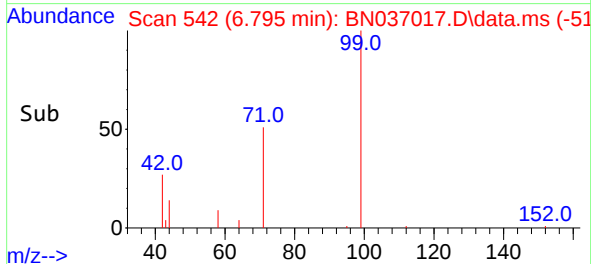
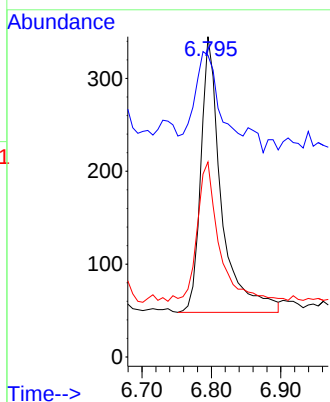


#5  
Phenol-d6  
Concen: 0.08 ng  
RT: 6.795 min Scan# 541  
Delta R.T. 0.000 min  
Lab File: BN037017.D  
Acq: 14 May 2025 18:00

Instrument :  
BNA\_N  
ClientSampleId :  
RW5-SP201-20250509

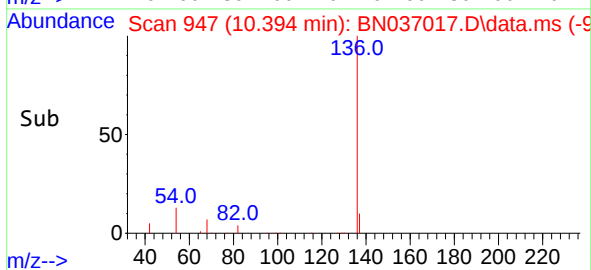
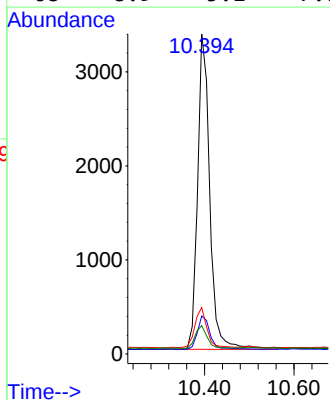
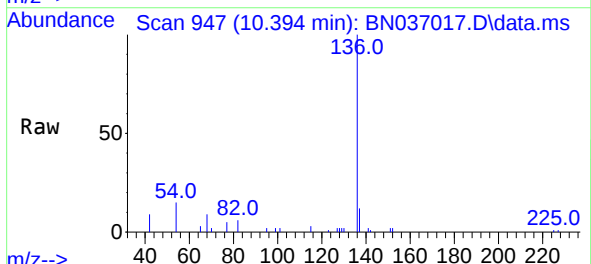


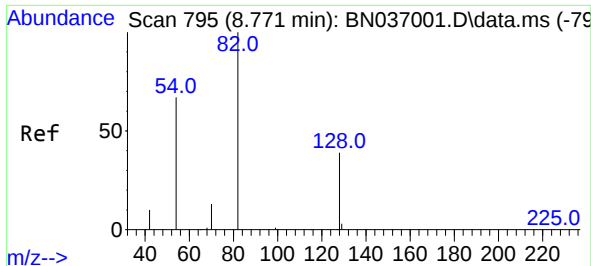
Tgt Ion: 99 Resp: 613  
Ion Ratio Lower Upper  
99 100  
42 33.9 29.3 43.9  
71 54.2 35.7 53.5#



#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.394 min Scan# 947  
Delta R.T. -0.010 min  
Lab File: BN037017.D  
Acq: 14 May 2025 18:00

Tgt Ion: 136 Resp: 6356  
Ion Ratio Lower Upper  
136 100  
137 11.9 10.4 15.6  
54 14.5 8.5 12.7#  
68 8.9 5.1 7.7#

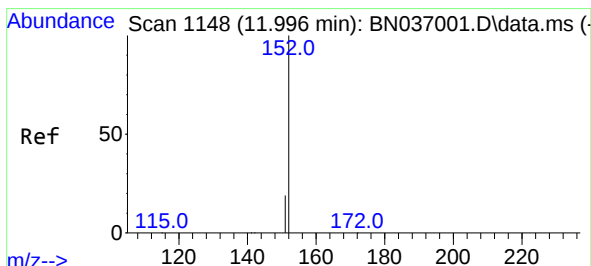
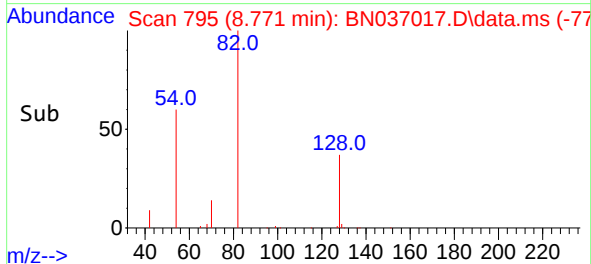
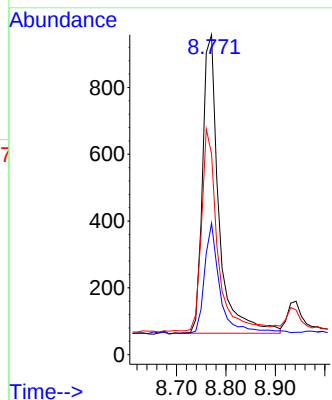
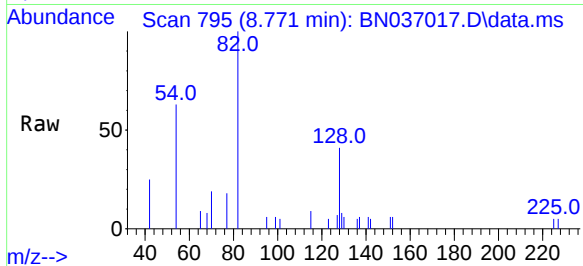




#8  
Nitrobenzene-d5  
Concen: 0.30 ng  
RT: 8.771 min Scan# 795  
Delta R.T. 0.000 min  
Lab File: BN037017.D  
Acq: 14 May 2025 18:00

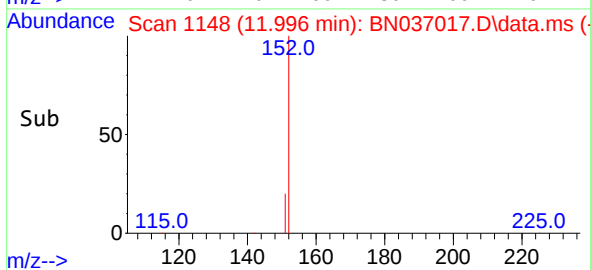
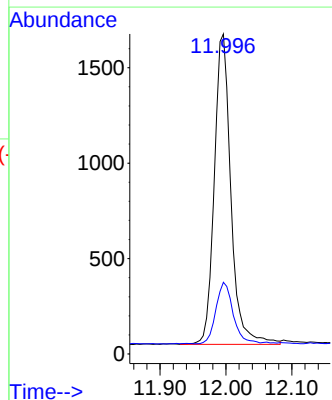
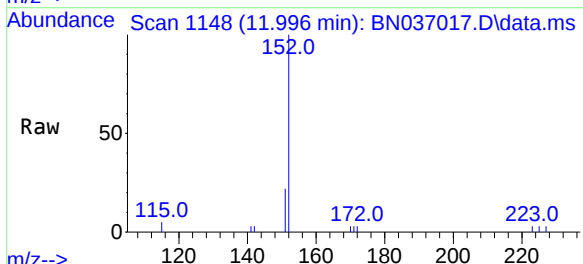
Instrument :  
BNA\_N  
ClientSampleId :  
RW5-SP201-20250509

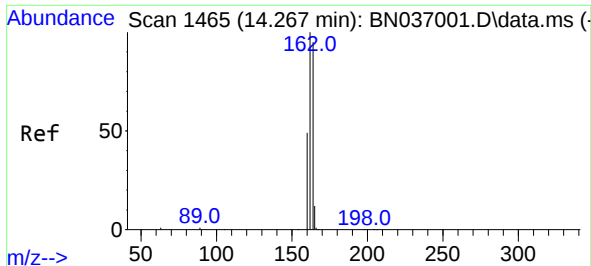
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 2047  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 41.0  | 34.0  | 51.0  |
| 54       | 62.7  | 55.0  | 82.4  |



#11  
2-Methylnaphthalene-d10  
Concen: 0.32 ng  
RT: 11.996 min Scan# 1148  
Delta R.T. 0.000 min  
Lab File: BN037017.D  
Acq: 14 May 2025 18:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 2842  |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 20.4  | 17.5  | 26.3  |

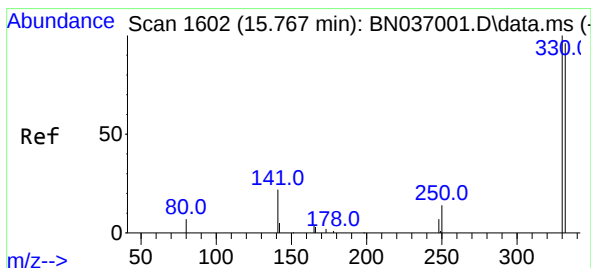
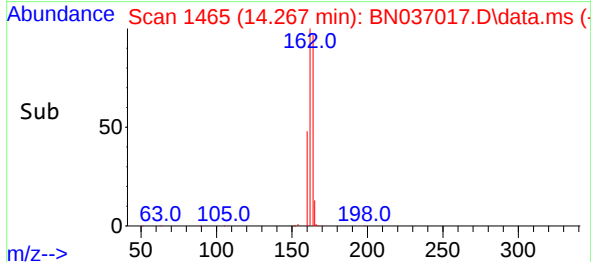
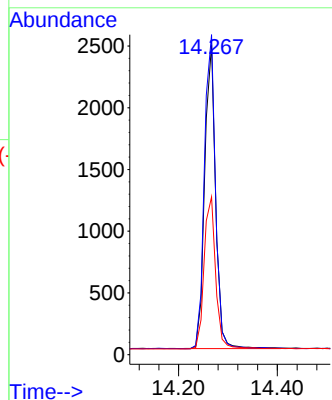
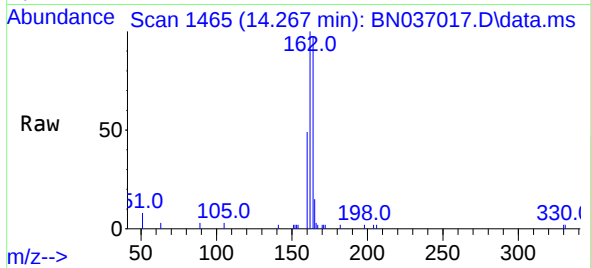




#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.267 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: BN037017.D  
Acq: 14 May 2025 18:00

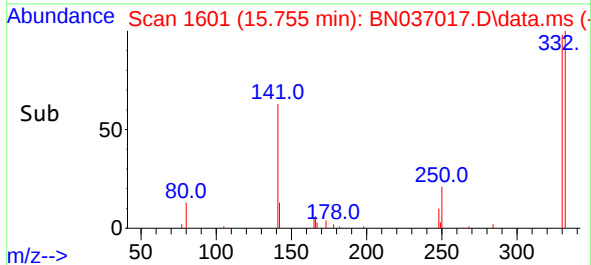
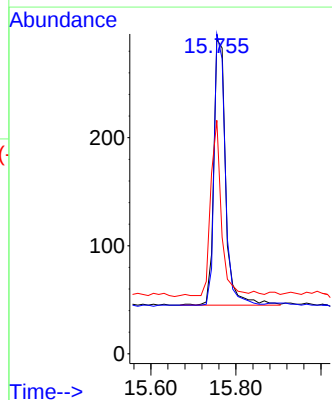
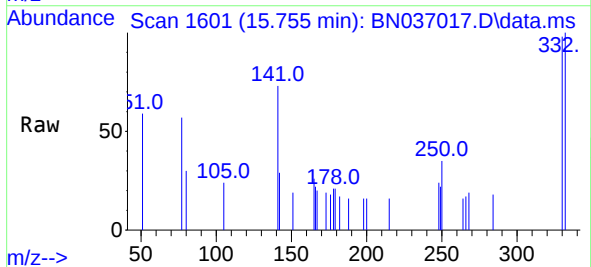
Instrument :  
BNA\_N  
ClientSampleId :  
RW5-SP201-20250509

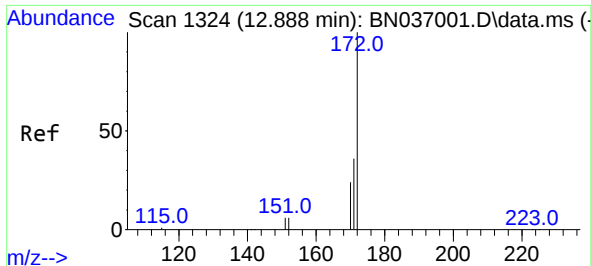
Tgt Ion:164 Resp: 3777  
Ion Ratio Lower Upper  
164 100  
162 103.2 84.2 126.4  
160 50.9 42.6 63.8



#14  
2,4,6-Tribromophenol  
Concen: 0.29 ng  
RT: 15.755 min Scan# 1601  
Delta R.T. -0.012 min  
Lab File: BN037017.D  
Acq: 14 May 2025 18:00

Tgt Ion:330 Resp: 483  
Ion Ratio Lower Upper  
330 100  
332 94.2 73.8 110.8  
141 57.8 43.9 65.9

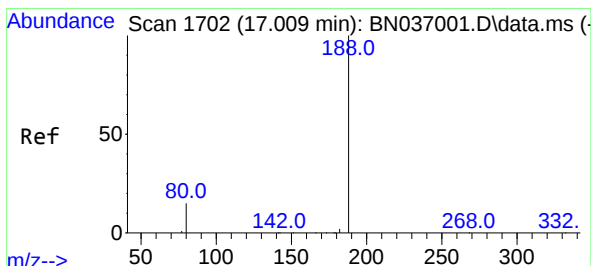
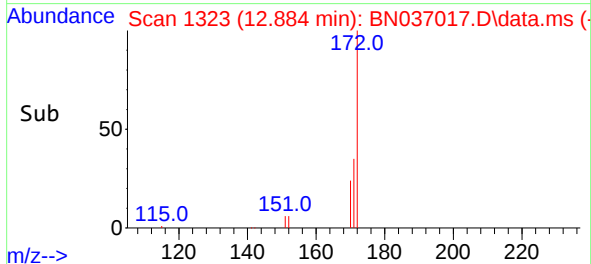
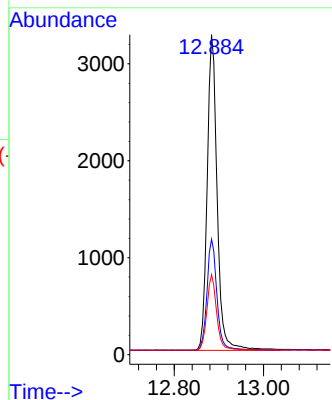
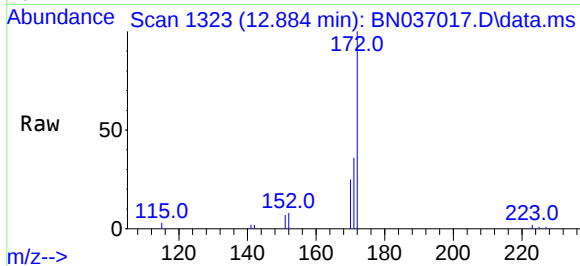




#15  
2-Fluorobiphenyl  
Concen: 0.32 ng  
RT: 12.884 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BN037017.D  
Acq: 14 May 2025 18:00

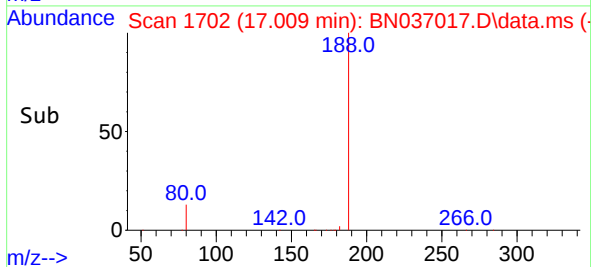
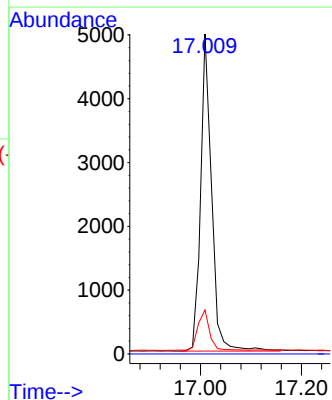
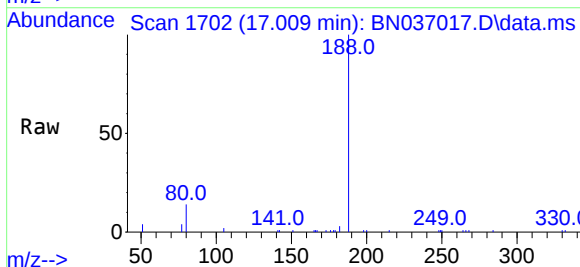
Instrument :  
BNA\_N  
ClientSampleId :  
RW5-SP201-20250509

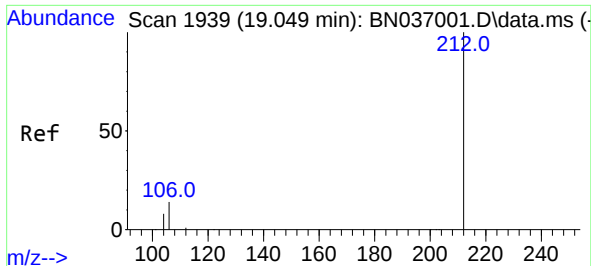
Tgt Ion:172 Resp: 5457  
Ion Ratio Lower Upper  
172 100  
171 36.1 29.2 43.8  
170 25.1 20.5 30.7



#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.009 min Scan# 1702  
Delta R.T. 0.000 min  
Lab File: BN037017.D  
Acq: 14 May 2025 18:00

Tgt Ion:188 Resp: 7513  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 13.8 13.4 20.0

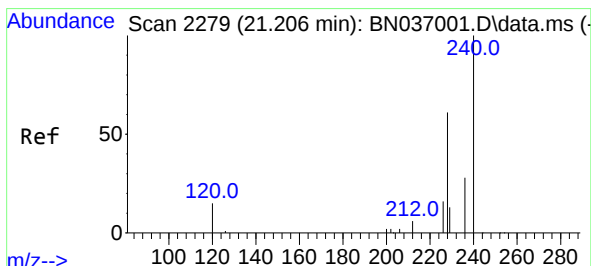
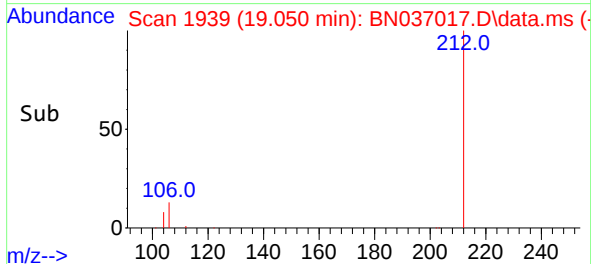
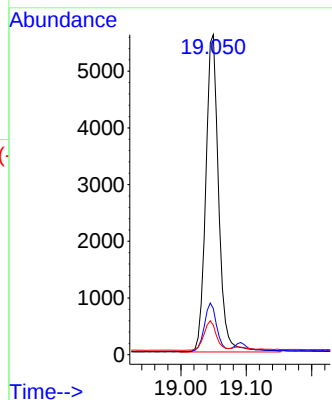
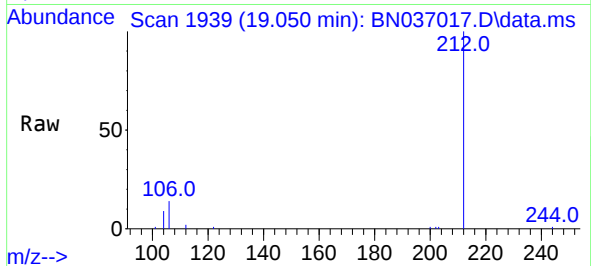




#27  
Fluoranthene-d10  
Concen: 0.37 ng  
RT: 19.050 min Scan# 1939  
Delta R.T. 0.000 min  
Lab File: BN037017.D  
Acq: 14 May 2025 18:00

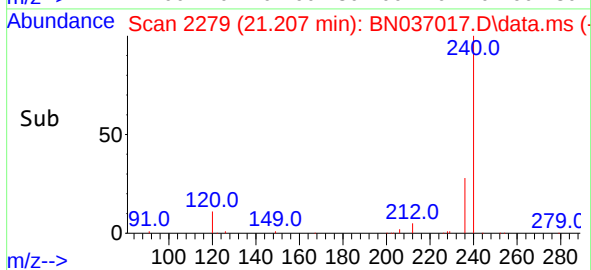
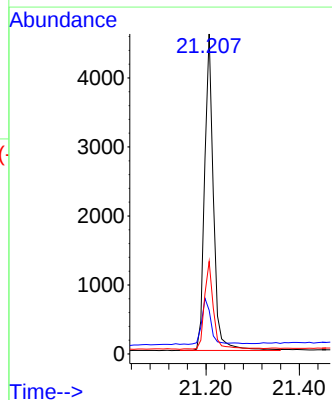
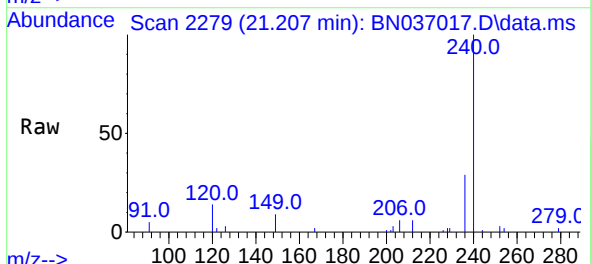
Instrument :  
BNA\_N  
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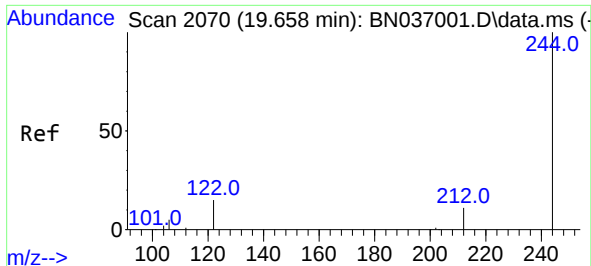
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 212   | Resp: | 7653  |
| Ion      | Ratio | Lower | Upper |
| 212      | 100   |       |       |
| 106      | 14.7  | 11.3  | 16.9  |
| 104      | 9.0   | 6.7   | 10.1  |



#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.207 min Scan# 2279  
Delta R.T. 0.000 min  
Lab File: BN037017.D  
Acq: 14 May 2025 18:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 240   | Resp: | 6052  |
| Ion      | Ratio | Lower | Upper |
| 240      | 100   |       |       |
| 120      | 13.6  | 15.1  | 22.7# |
| 236      | 28.9  | 24.0  | 36.0  |

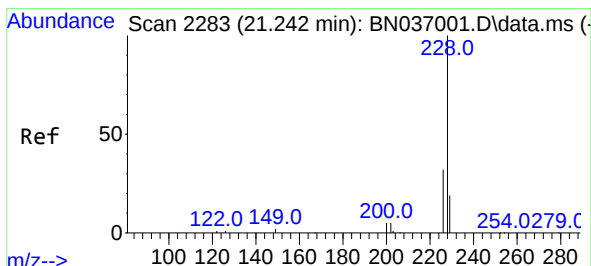
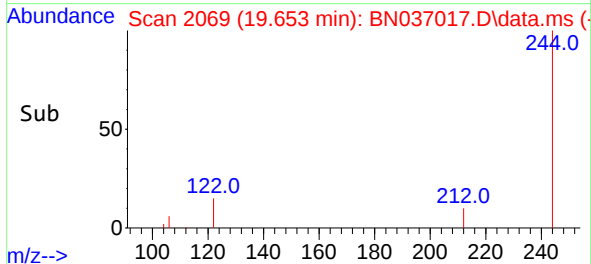
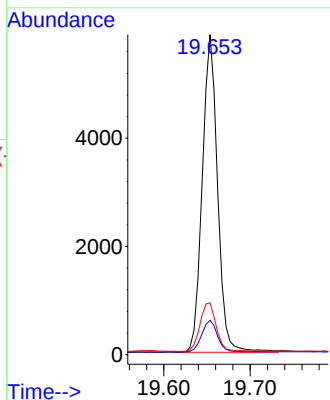
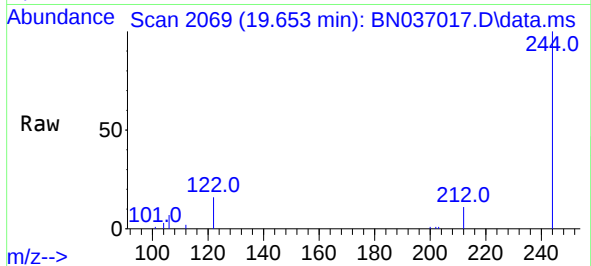




#31  
 Terphenyl-d14  
 Concen: 0.56 ng  
 RT: 19.653 min Scan# 2070  
 Delta R.T. -0.004 min  
 Lab File: BN037017.D  
 Acq: 14 May 2025 18:00

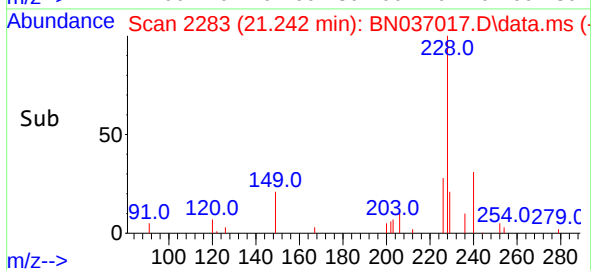
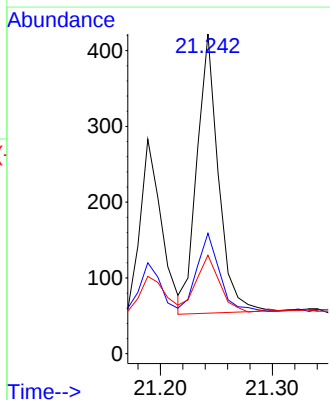
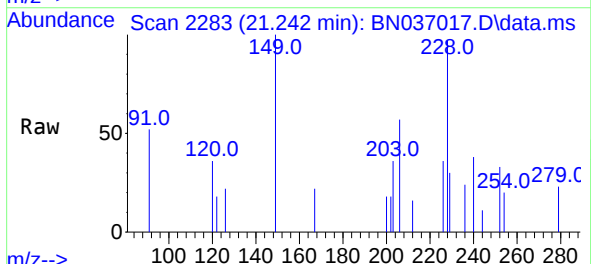
Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW5-SP201-20250509

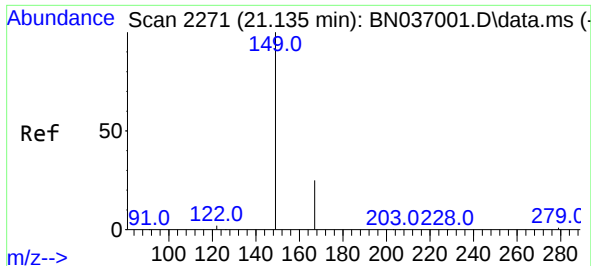
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:244 | Resp: | 7243      |
| Ion Ratio   | Lower | Upper     |
| 244         | 100   |           |
| 212         | 10.8  | 9.7 14.5  |
| 122         | 16.2  | 13.4 20.0 |



#33  
 Chrysene  
 Concen: 0.02 ng  
 RT: 21.242 min Scan# 2283  
 Delta R.T. 0.000 min  
 Lab File: BN037017.D  
 Acq: 14 May 2025 18:00

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:228 | Resp: | 489       |
| Ion Ratio   | Lower | Upper     |
| 228         | 100   |           |
| 226         | 37.7  | 26.3 39.5 |
| 229         | 30.8  | 16.2 24.2 |

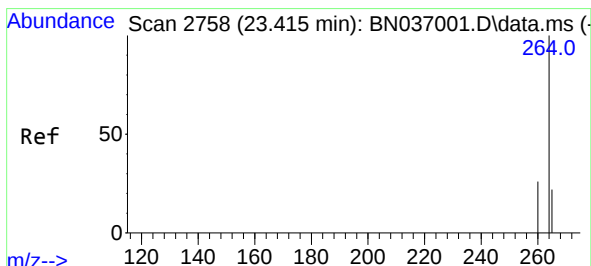
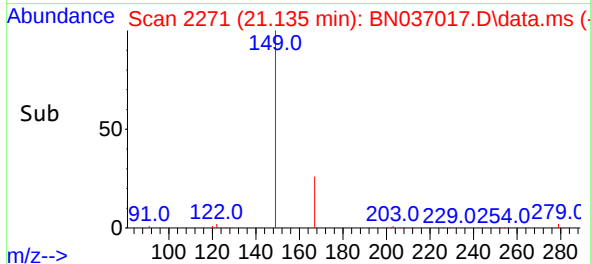
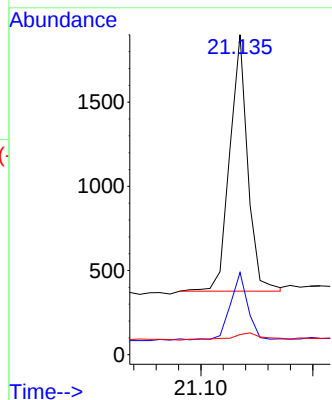
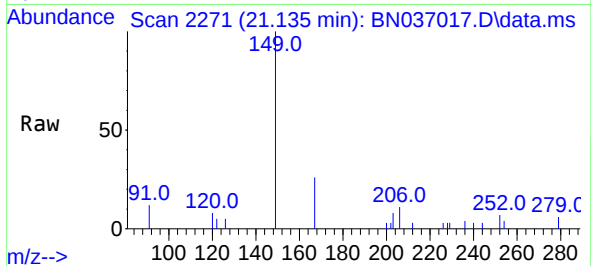




#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.12 ng  
RT: 21.135 min Scan# 211  
Delta R.T. 0.000 min  
Lab File: BN037017.D  
Acq: 14 May 2025 18:00

Instrument :  
BNA\_N  
ClientSampleId :  
RW5-SP201-20250509

Tgt Ion:149 Resp: 1701  
Ion Ratio Lower Upper  
149 100  
167 25.7 20.6 30.8  
279 5.1 2.6 3.8#



#35  
Perylene-d12  
Concen: 0.40 ng  
RT: 23.410 min Scan# 2756  
Delta R.T. -0.006 min  
Lab File: BN037017.D  
Acq: 14 May 2025 18:00

Tgt Ion:264 Resp: 5047  
Ion Ratio Lower Upper  
264 100  
260 26.8 21.9 32.9  
265 66.4 51.6 77.4

