

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062625\  
 Data File : BN037411.D  
 Acq On : 27 Jun 2025 02:29  
 Operator : RC/JU  
 Sample : Q2374-03  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW7-SP302-20250619

Quant Time: Jun 27 04:37:57 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

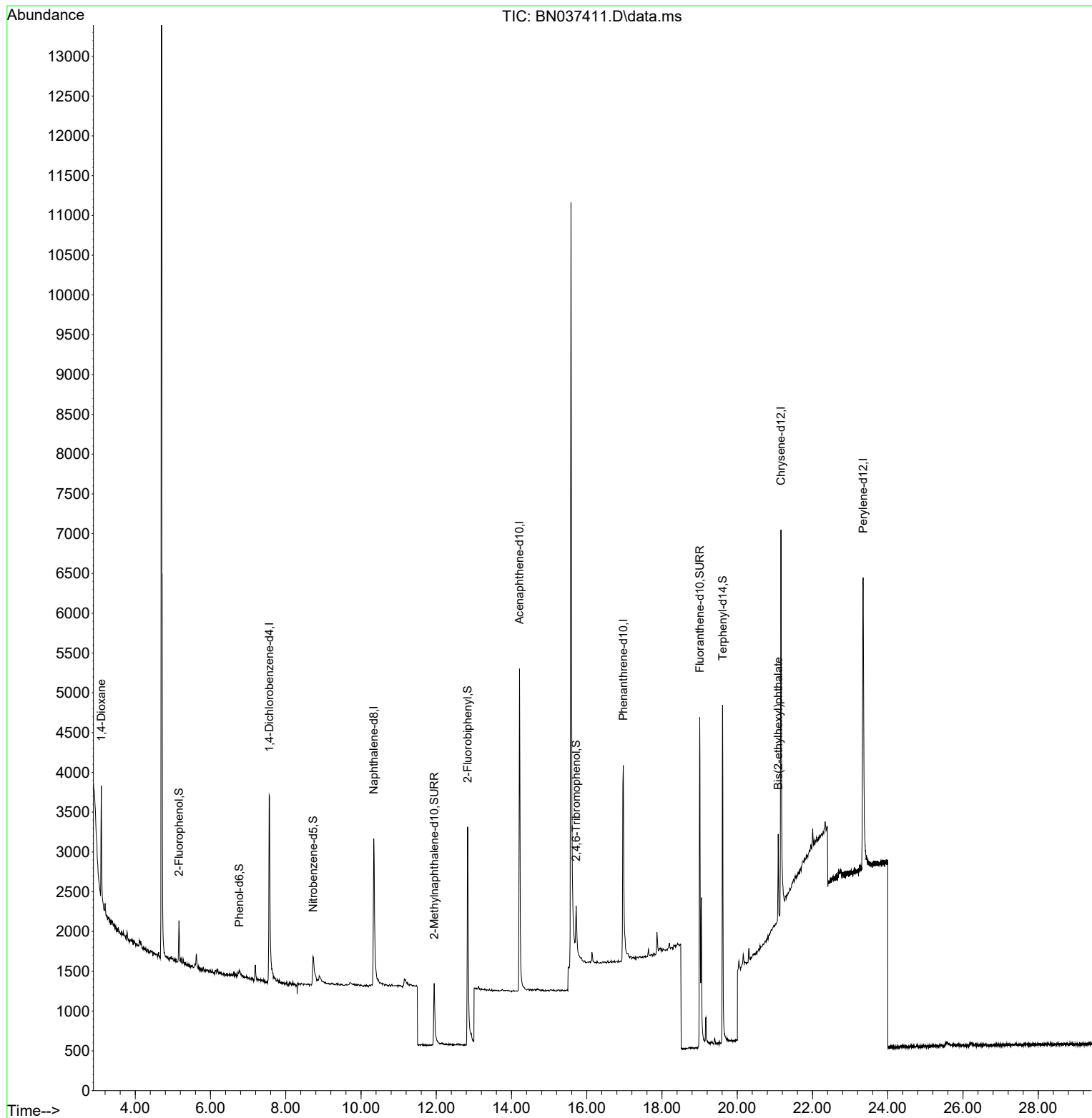
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.568  | 152  | 1675     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.340 | 136  | 3700     | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.213 | 164  | 2621     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.971 | 188  | 5473     | 0.400 | ng    | # 0.01   |
| 29) Chrysene-d12              | 21.162 | 240  | 5731     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.345 | 264  | 5981     | 0.400 | ng    | # 0.00   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.163  | 112  | 454      | 0.141 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.766  | 99   | 213      | 0.064 | ng    | 0.02     |
| 8) Nitrobenzene-d5            | 8.728  | 82   | 745      | 0.251 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 11.945 | 152  | 1694     | 0.296 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.718 | 330  | 493      | 0.321 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.833 | 172  | 3665     | 0.324 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.003 | 212  | 6343     | 0.404 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.612 | 244  | 5302     | 0.434 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.097  | 88   | 931      | 0.586 | ng    | # 84     |
| 34) Bis(2-ethylhexyl)phtha... | 21.090 | 149  | 911      | 0.128 | ng    | # 96     |
| -----                         |        |      |          |       |       |          |

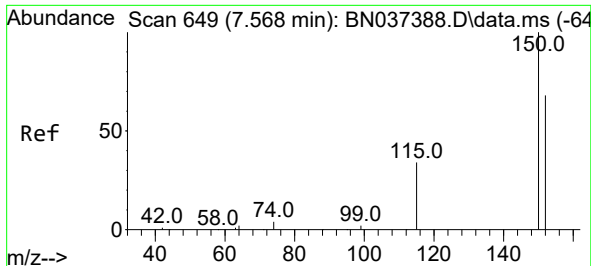
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062625\  
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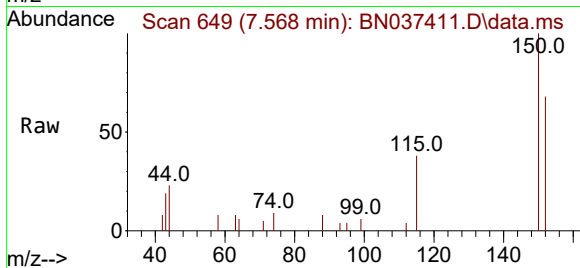
Quant Time: Jun 27 04:37:57 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN062625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 26 16:06:33 2025  
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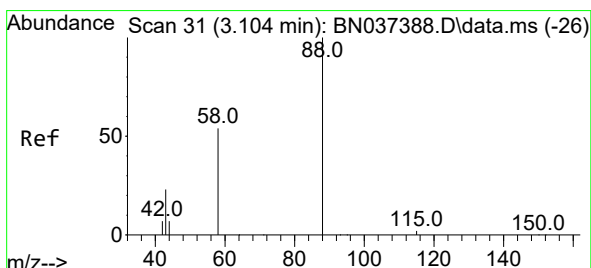
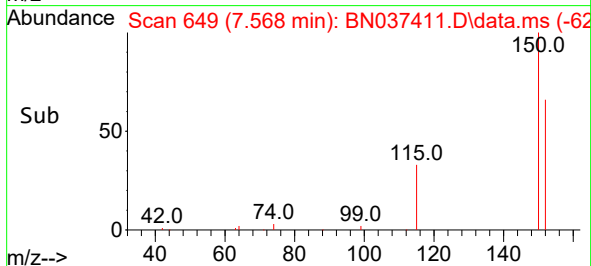
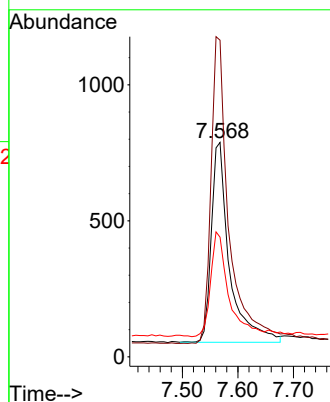


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.568 min Scan# 64  
 Delta R.T. -0.000 min  
 Lab File: BN037411.D  
 Acq: 27 Jun 2025 02:29

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW7-SP302-20250619

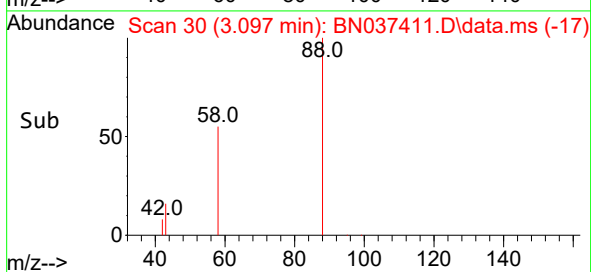
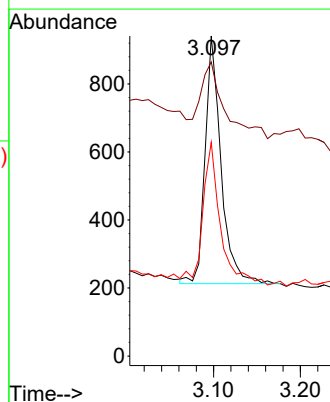
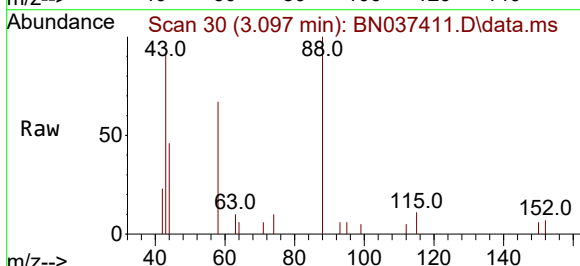


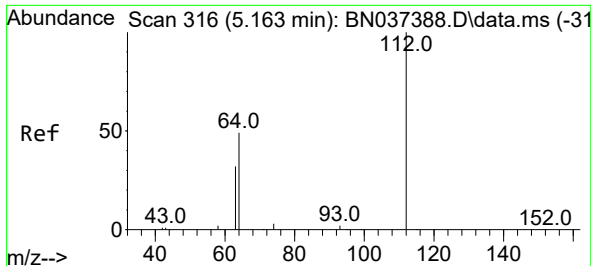
Tgt Ion: 152 Resp: 1675  
 Ion Ratio Lower Upper  
 152 100  
 150 147.7 116.2 174.2  
 115 55.8 42.9 64.3



#2  
 1,4-Dioxane  
 Concen: 0.586 ng  
 RT: 3.097 min Scan# 30  
 Delta R.T. -0.007 min  
 Lab File: BN037411.D  
 Acq: 27 Jun 2025 02:29

Tgt Ion: 88 Resp: 931  
 Ion Ratio Lower Upper  
 88 100  
 43 48.5 21.6 32.4#  
 58 60.8 45.9 68.9

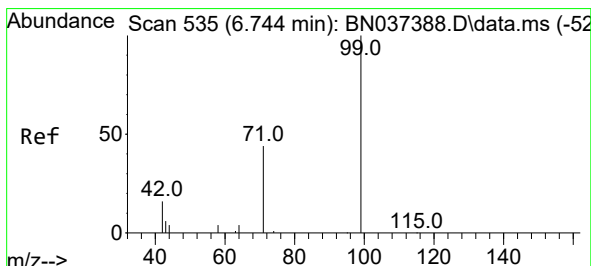
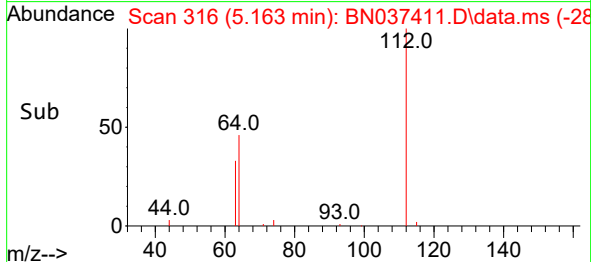
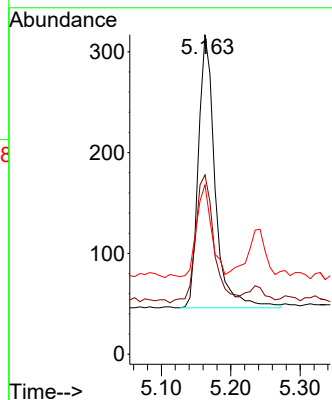
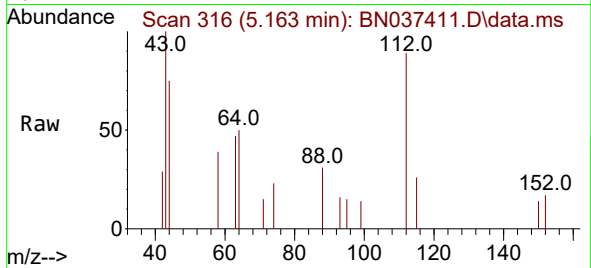




#4  
2-Fluorophenol  
Concen: 0.141 ng  
RT: 5.163 min Scan# 316  
Delta R.T. 0.000 min  
Lab File: BN037411.D  
Acq: 27 Jun 2025 02:29

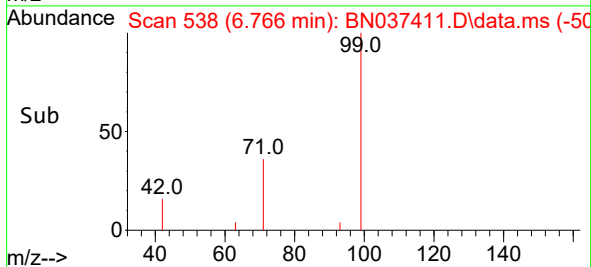
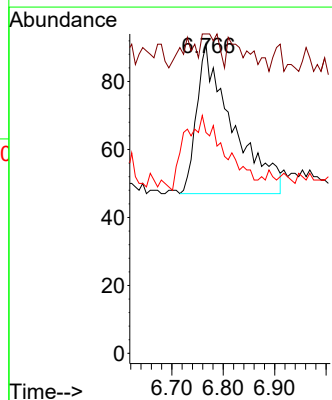
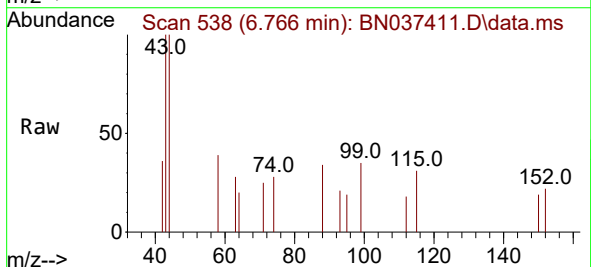
Instrument :  
BNA\_N  
ClientSampleId :  
RW7-SP302-20250619

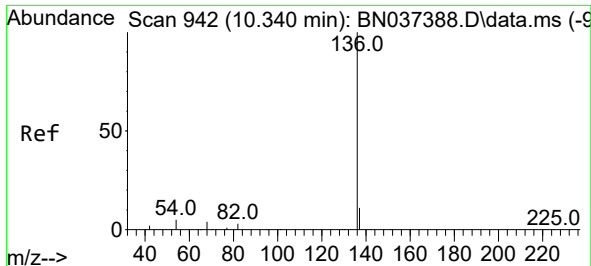
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 454   |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 64       | 51.8  | 40.3  | 60.5  |
| 63       | 33.9  | 26.1  | 39.1  |



#5  
Phenol-d6  
Concen: 0.064 ng  
RT: 6.766 min Scan# 538  
Delta R.T. 0.022 min  
Lab File: BN037411.D  
Acq: 27 Jun 2025 02:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 213   |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 10.8  | 15.6  | 23.4# |
| 71       | 0.0   | 35.8  | 53.8# |

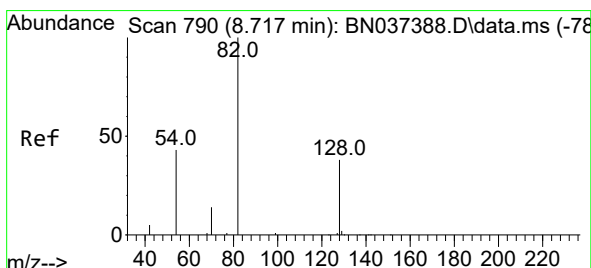
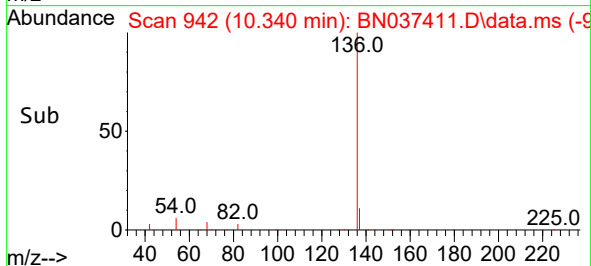
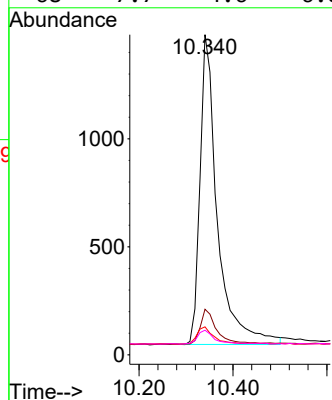
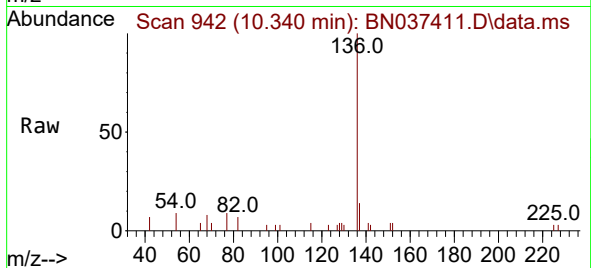




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.340 min Scan# 94  
Delta R.T. 0.000 min  
Lab File: BN037411.D  
Acq: 27 Jun 2025 02:29

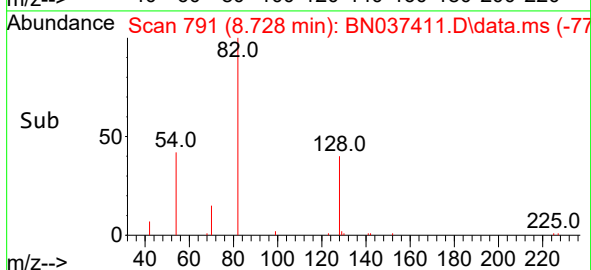
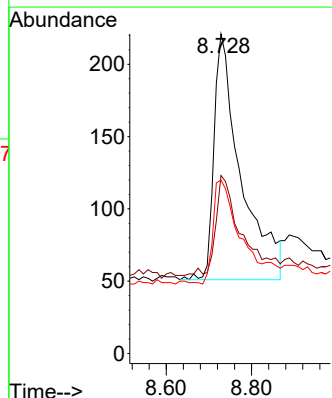
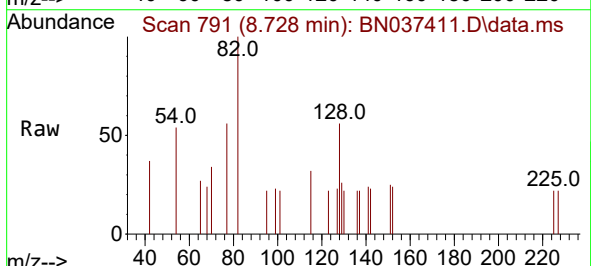
Instrument :  
BNA\_N  
ClientSampleId :  
RW7-SP302-20250619

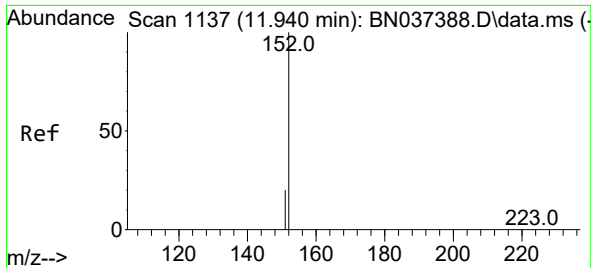
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 3700  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 14.2  | 10.4  | 15.6  |
| 54       | 8.7   | 5.6   | 8.4#  |
| 68       | 7.7   | 4.6   | 6.8#  |



#8  
Nitrobenzene-d5  
Concen: 0.251 ng  
RT: 8.728 min Scan# 791  
Delta R.T. 0.011 min  
Lab File: BN037411.D  
Acq: 27 Jun 2025 02:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 745   |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 55.7  | 34.0  | 51.0# |
| 54       | 54.3  | 37.7  | 56.5  |

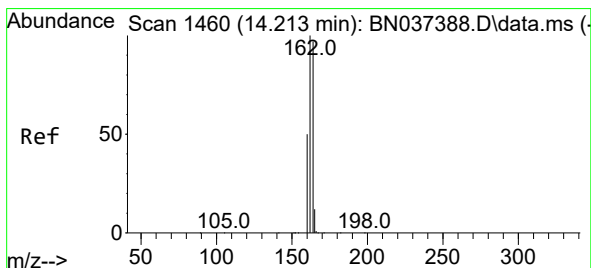
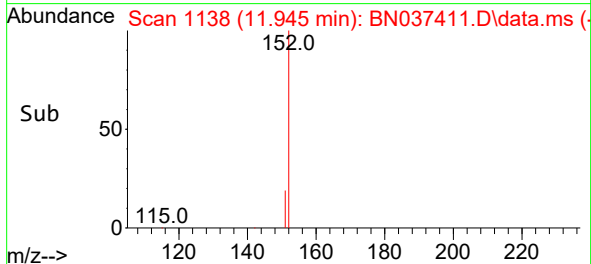
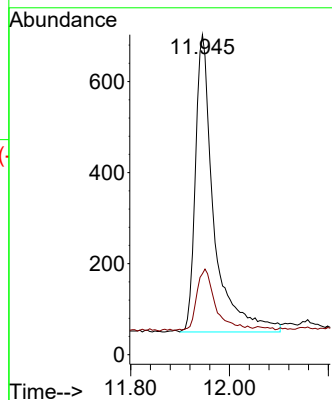
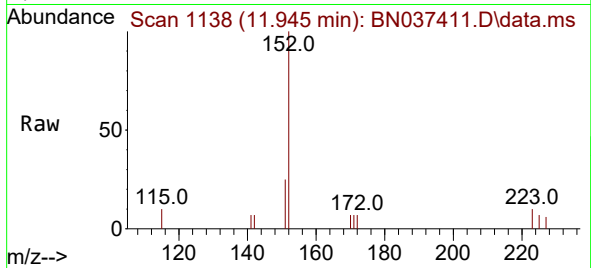




#11  
2-Methylnaphthalene-d10  
Concen: 0.296 ng  
RT: 11.945 min Scan# 1138  
Delta R.T. 0.005 min  
Lab File: BN037411.D  
Acq: 27 Jun 2025 02:29

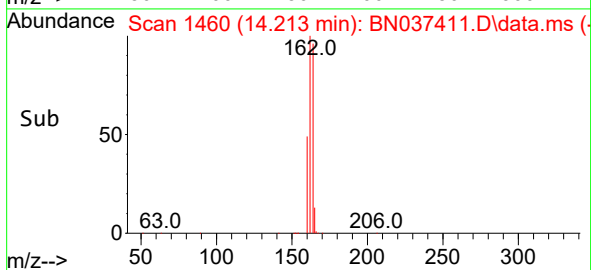
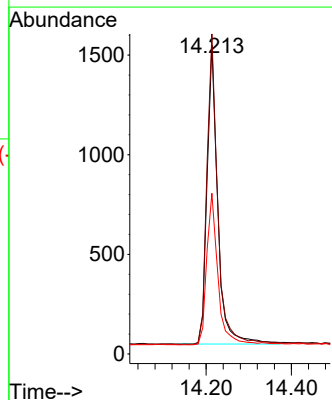
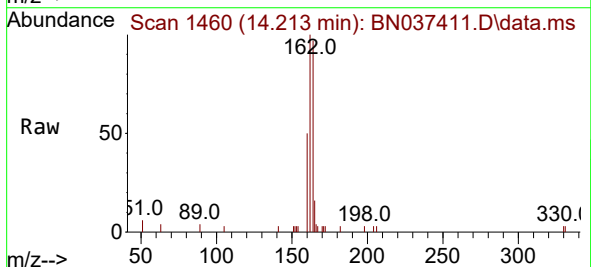
Instrument :  
BNA\_N  
ClientSampleId :  
RW7-SP302-20250619

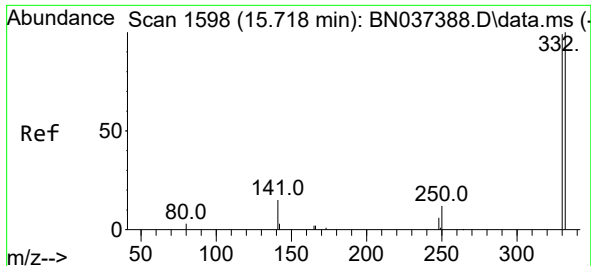
Tgt Ion:152 Resp: 1694  
Ion Ratio Lower Upper  
152 100  
151 21.3 18.4 27.6



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.213 min Scan# 1460  
Delta R.T. 0.000 min  
Lab File: BN037411.D  
Acq: 27 Jun 2025 02:29

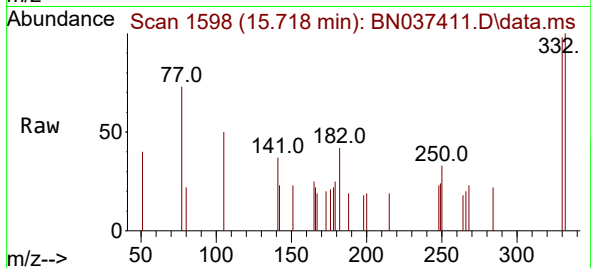
Tgt Ion:164 Resp: 2621  
Ion Ratio Lower Upper  
164 100  
162 103.5 82.6 123.8  
160 52.0 42.2 63.2



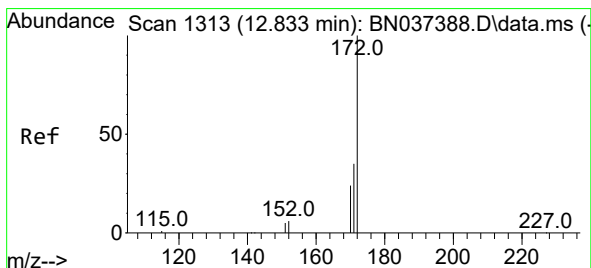
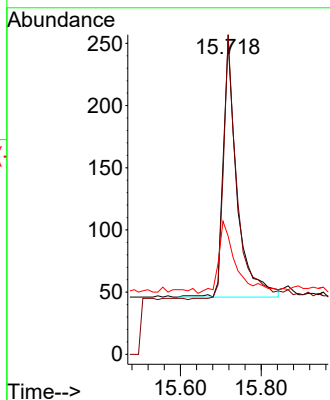
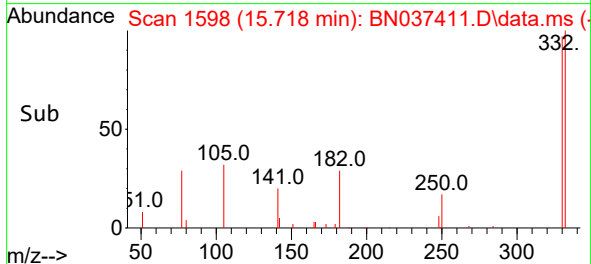


#14  
2,4,6-Tribromophenol  
Concen: 0.321 ng  
RT: 15.718 min Scan# 1598  
Delta R.T. 0.000 min  
Lab File: BN037411.D  
Acq: 27 Jun 2025 02:29

Instrument :  
BNA\_N  
ClientSampleId :  
RW7-SP302-20250619

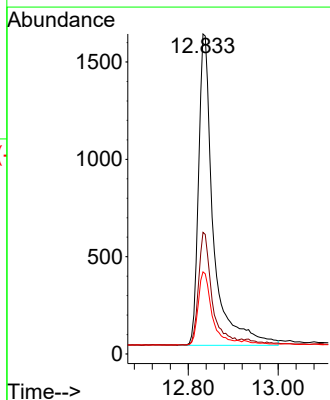
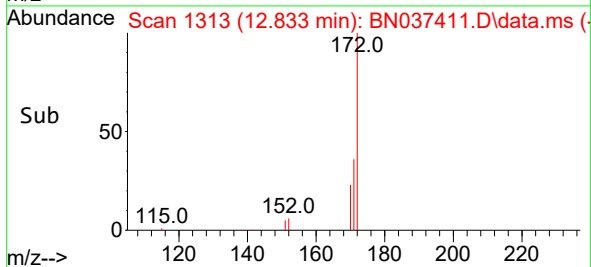
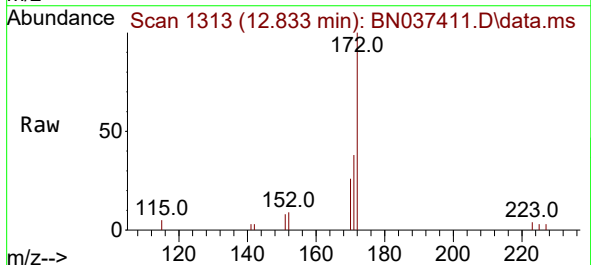


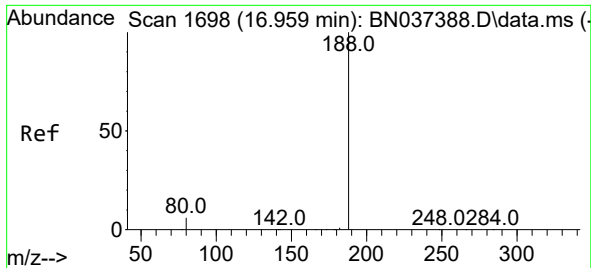
Tgt Ion:330 Resp: 493  
Ion Ratio Lower Upper  
330 100  
332 102.8 77.8 116.8  
141 35.7 24.0 36.0



#15  
2-Fluorobiphenyl  
Concen: 0.324 ng  
RT: 12.833 min Scan# 1313  
Delta R.T. 0.000 min  
Lab File: BN037411.D  
Acq: 27 Jun 2025 02:29

Tgt Ion:172 Resp: 3665  
Ion Ratio Lower Upper  
172 100  
171 38.0 28.8 43.2  
170 25.7 20.3 30.5

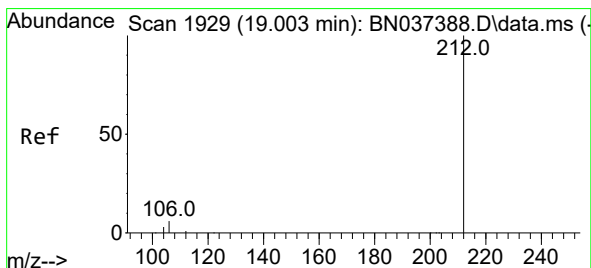
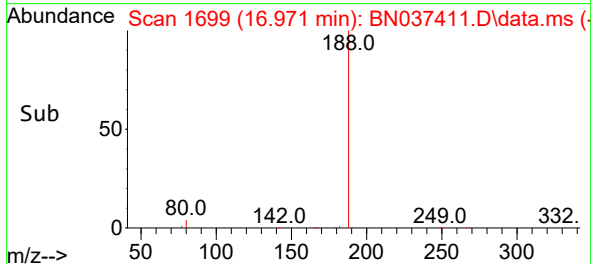
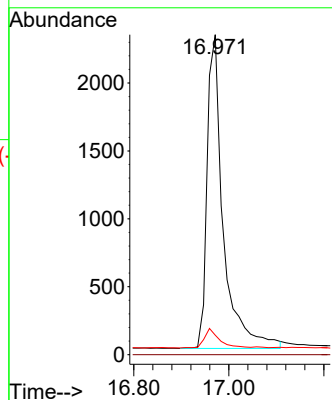
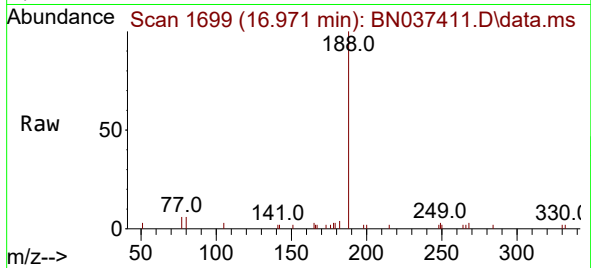




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.971 min Scan# 1699  
Delta R.T. 0.013 min  
Lab File: BN037411.D  
Acq: 27 Jun 2025 02:29

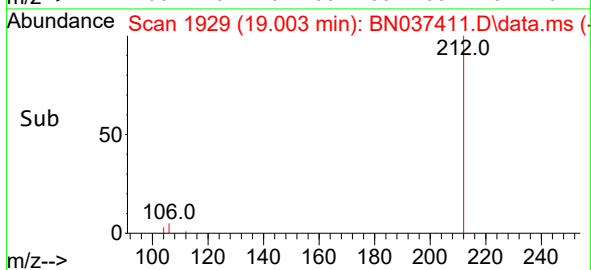
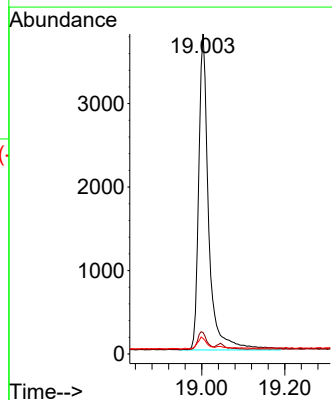
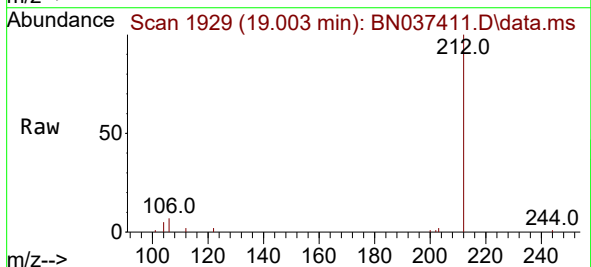
Instrument :  
BNA\_N  
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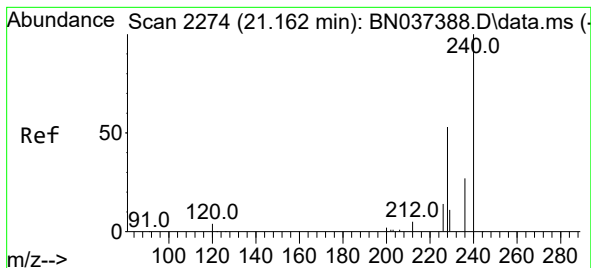
Tgt Ion:188 Resp: 5473  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 6.1 6.2 9.4#



#27  
Fluoranthene-d10  
Concen: 0.404 ng  
RT: 19.003 min Scan# 1929  
Delta R.T. 0.000 min  
Lab File: BN037411.D  
Acq: 27 Jun 2025 02:29

Tgt Ion:212 Resp: 6343  
Ion Ratio Lower Upper  
212 100  
106 5.1 4.5 6.7  
104 3.3 2.7 4.1





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.162 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN037411.D

Acq: 27 Jun 2025 02:29

Instrument :

BNA\_N

ClientSampleId :

RW7-SP302-20250619

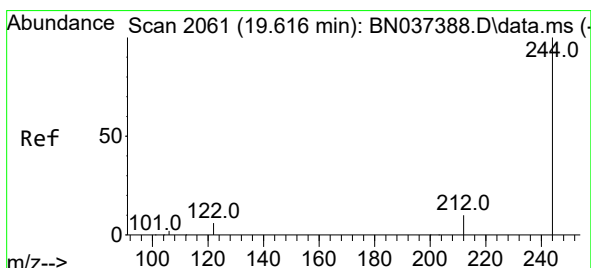
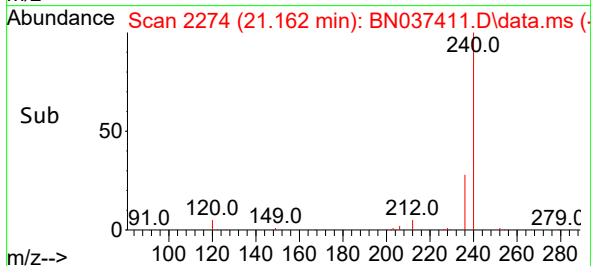
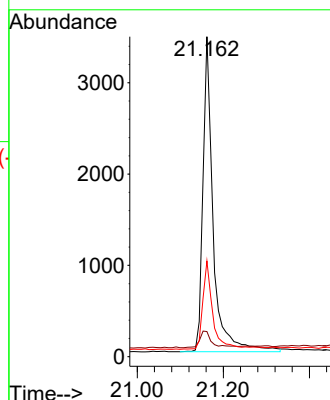
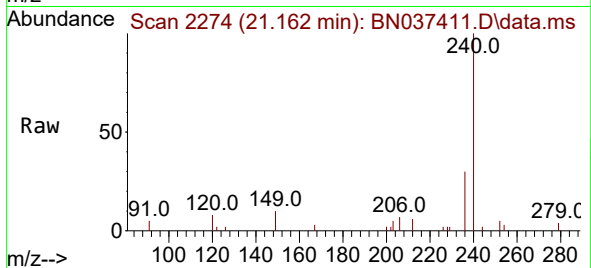
Tgt Ion:240 Resp: 5731

Ion Ratio Lower Upper

240 100

120 7.9 5.3 7.9

236 29.9 22.7 34.1



#31

Terphenyl-d14

Concen: 0.434 ng

RT: 19.612 min Scan# 2060

Delta R.T. -0.005 min

Lab File: BN037411.D

Acq: 27 Jun 2025 02:29

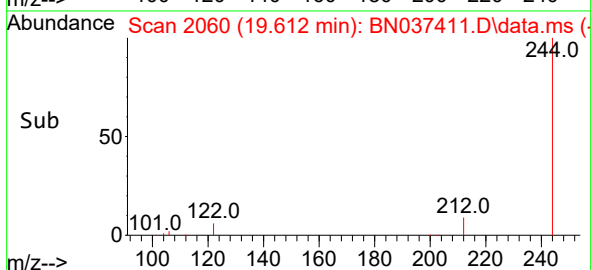
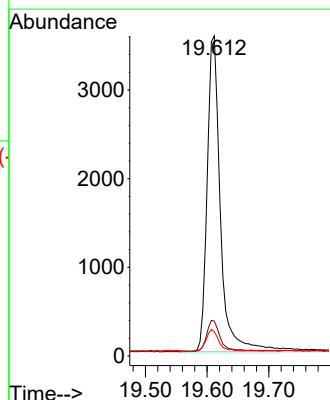
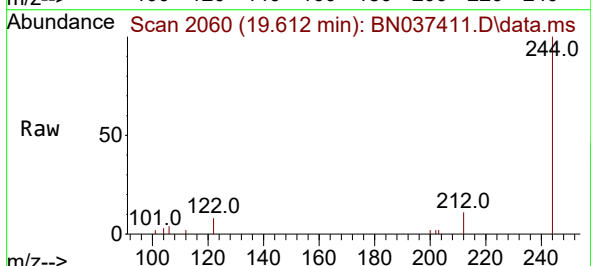
Tgt Ion:244 Resp: 5302

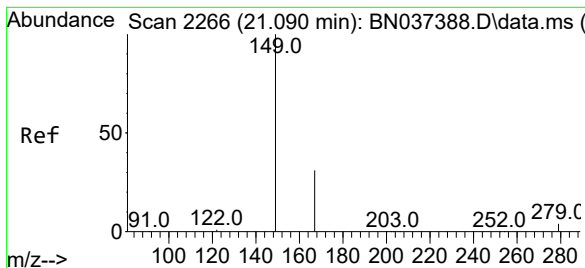
Ion Ratio Lower Upper

244 100

212 10.9 9.1 13.7

122 7.6 6.3 9.5

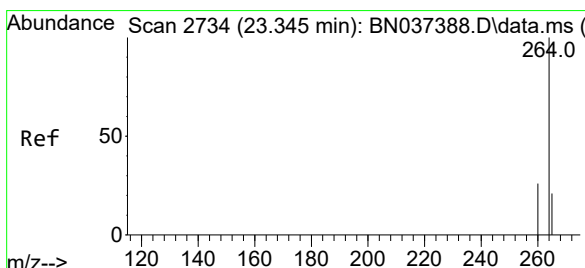
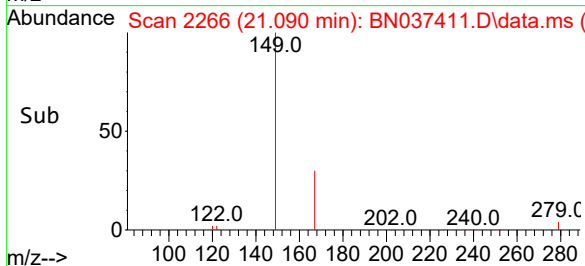
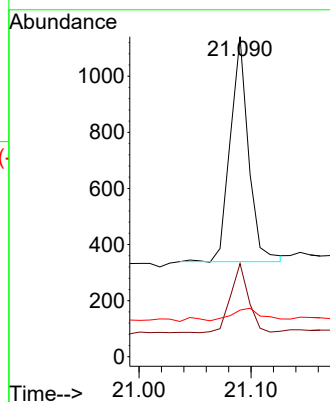
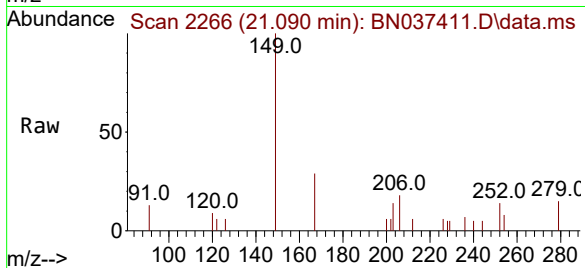




#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.128 ng  
RT: 21.090 min Scan# 2109  
Delta R.T. 0.000 min  
Lab File: BN037411.D  
Acq: 27 Jun 2025 02:29

Instrument :  
BNA\_N  
ClientSampleId :  
RW7-SP302-20250619

Tgt Ion:149 Resp: 911  
Ion Ratio Lower Upper  
149 100  
167 29.5 24.8 37.2  
279 9.1 5.0 7.6#



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.345 min Scan# 2734  
Delta R.T. 0.000 min  
Lab File: BN037411.D  
Acq: 27 Jun 2025 02:29

Tgt Ion:264 Resp: 5981  
Ion Ratio Lower Upper  
264 100  
260 26.4 21.4 32.0  
265 84.7 56.2 84.4#

