

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051925\  
 Data File : BN037059.D  
 Acq On : 20 May 2025 00:06  
 Operator : RC/JU  
 Sample : Q2051-04  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW7-SP303-20250514

Quant Time: May 20 01:15:06 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

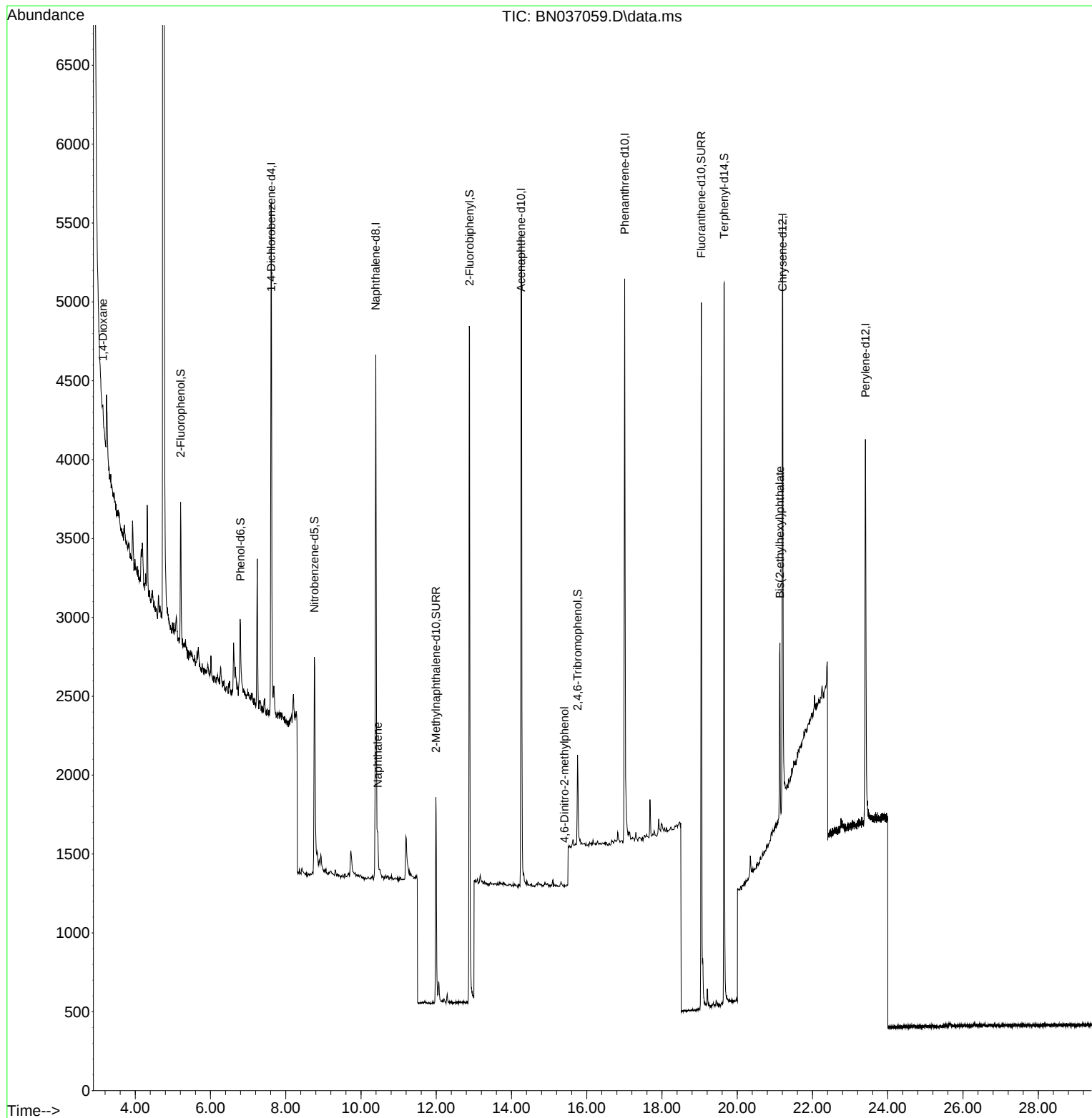
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.611  | 152  | 1660     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.394 | 136  | 4398     | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.256 | 164  | 2517     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.009 | 188  | 5127     | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.207 | 240  | 3901     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.409 | 264  | 3343     | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.206  | 112  | 625      | 0.144 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.795  | 99   | 447      | 0.082 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.760  | 82   | 1468     | 0.307 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 11.991 | 152  | 1968     | 0.318 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.755 | 330  | 357      | 0.323 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 12.883 | 172  | 4406     | 0.382 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.045 | 212  | 5144     | 0.366 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.653 | 244  | 4477     | 0.537 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.141  | 88   | 53       | 0.026 | ng    | # 1      |
| 9) Naphthalene                | 10.447 | 128  | 298      | 0.023 | ng    | # 55     |
| 20) 4,6-Dinitro-2-methylph... | 15.411 | 198  | 3        | 0.027 | ng    | # 1      |
| 34) Bis(2-ethylhexyl)phtha... | 21.135 | 149  | 1146     | 0.127 | ng    | # 99     |
| -----                         |        |      |          |       |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051925\  
Data File : BN037059.D  
Acq On : 20 May 2025 00:06  
Operator : RC/JU  
Sample : Q2051-04  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
RW7-SP303-20250514

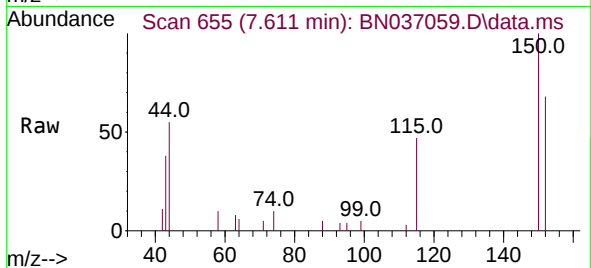
Quant Time: May 20 01:15:06 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN051425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 14 11:26:32 2025  
Response via : Initial Calibration



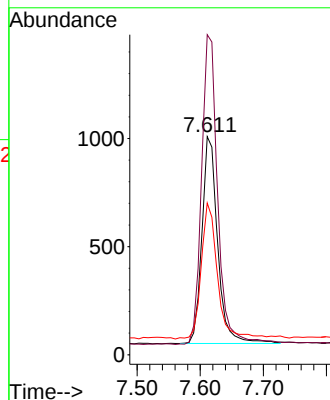
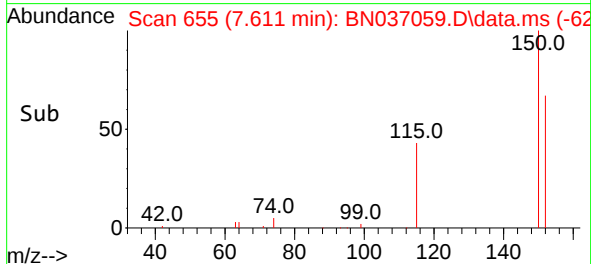


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.611 min Scan# 61  
 Delta R.T. -0.007 min  
 Lab File: BN037059.D  
 Acq: 20 May 2025 00:06

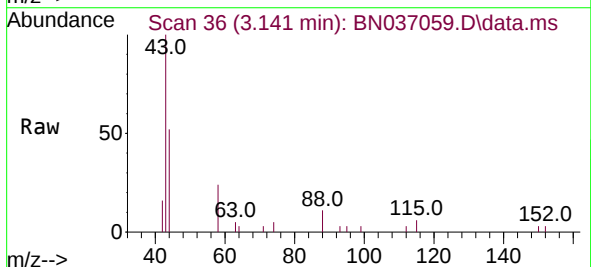
Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW7-SP303-20250514



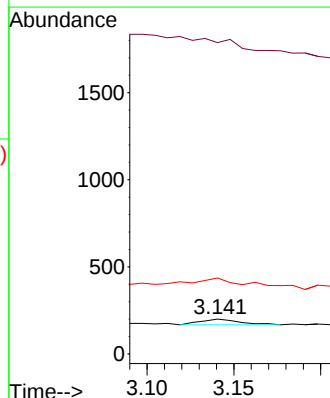
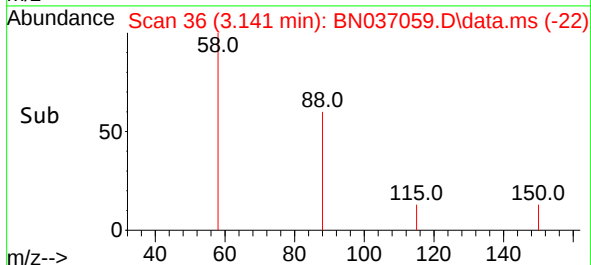
Tgt Ion:152 Resp: 1660  
 Ion Ratio Lower Upper  
 152 100  
 150 146.7 123.9 185.9  
 115 69.6 55.8 83.8

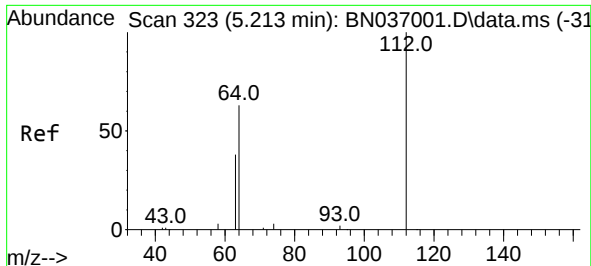


#2  
 1,4-Dioxane  
 Concen: 0.026 ng  
 RT: 3.141 min Scan# 36  
 Delta R.T. 0.001 min  
 Lab File: BN037059.D  
 Acq: 20 May 2025 00:06



Tgt Ion: 88 Resp: 53  
 Ion Ratio Lower Upper  
 88 100  
 43 0.0 37.4 56.0#  
 58 309.4 68.8 103.2#

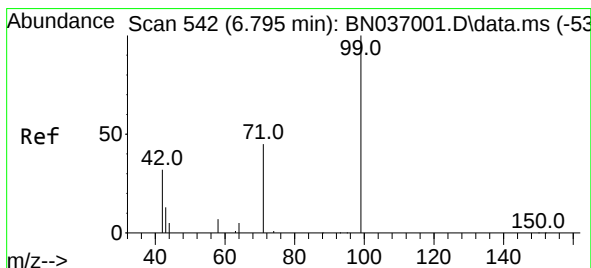
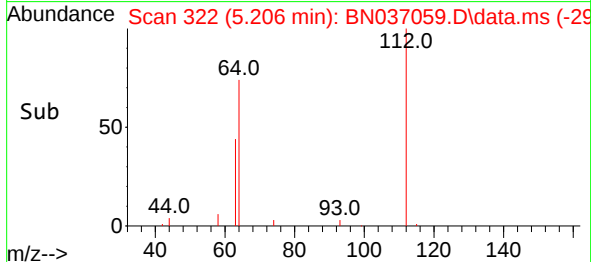
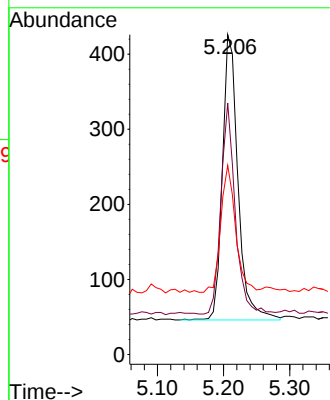
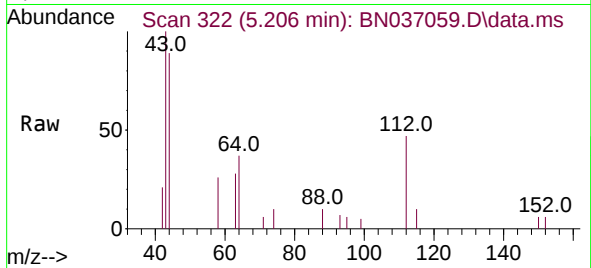




#4  
2-Fluorophenol  
Concen: 0.144 ng  
RT: 5.206 min Scan# 31  
Delta R.T. -0.007 min  
Lab File: BN037059.D  
Acq: 20 May 2025 00:06

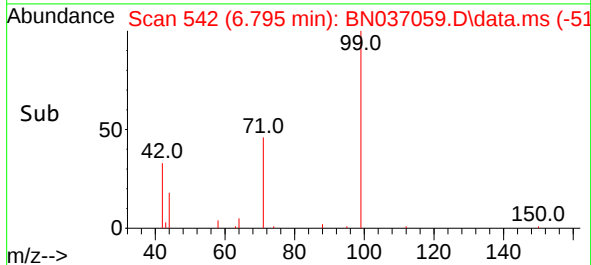
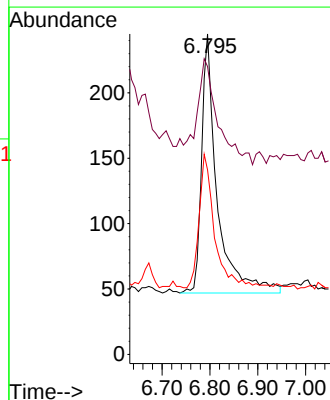
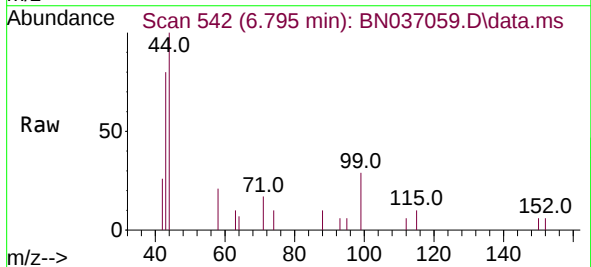
Instrument :  
BNA\_N  
ClientSampleId :  
RW7-SP303-20250514

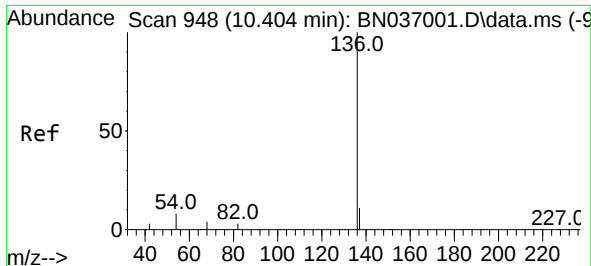
Tgt Ion:112 Resp: 625  
Ion Ratio Lower Upper  
112 100  
64 68.0 55.7 83.5  
63 44.5 34.6 51.8



#5  
Phenol-d6  
Concen: 0.082 ng  
RT: 6.795 min Scan# 542  
Delta R.T. -0.000 min  
Lab File: BN037059.D  
Acq: 20 May 2025 00:06

Tgt Ion: 99 Resp: 447  
Ion Ratio Lower Upper  
99 100  
42 58.8 29.3 43.9#  
71 51.7 35.7 53.5

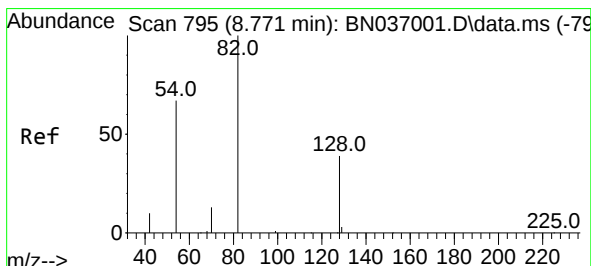
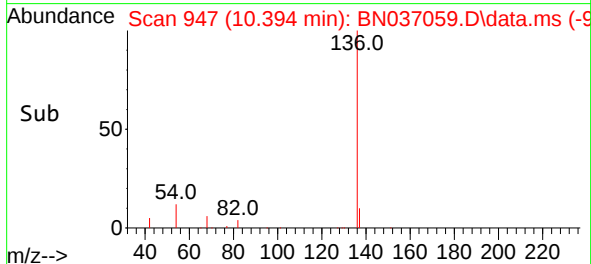
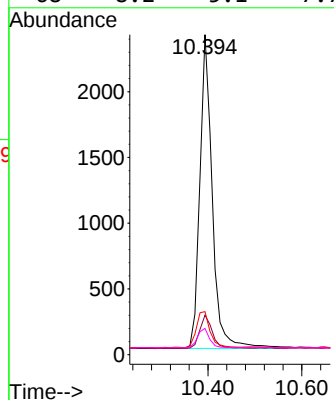
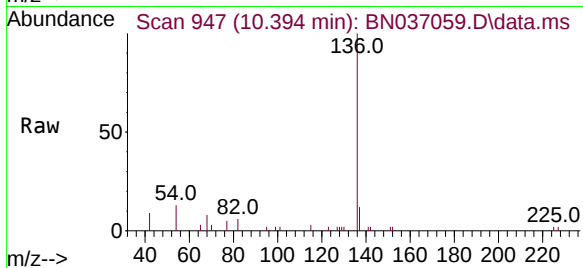




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.394 min Scan# 94  
Delta R.T. -0.011 min  
Lab File: BN037059.D  
Acq: 20 May 2025 00:06

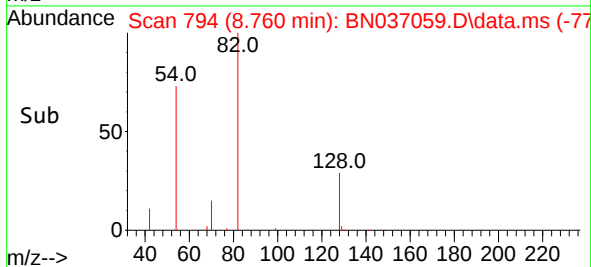
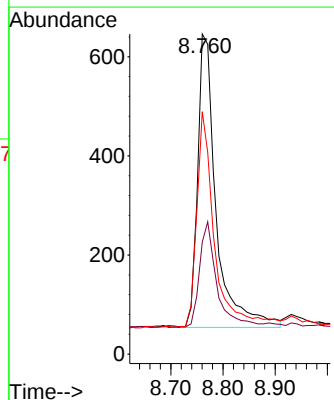
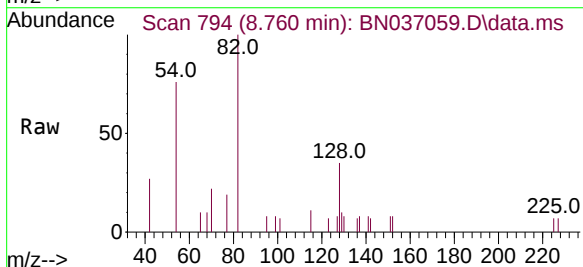
Instrument :  
BNA\_N  
ClientSampleId :  
RW7-SP303-20250514

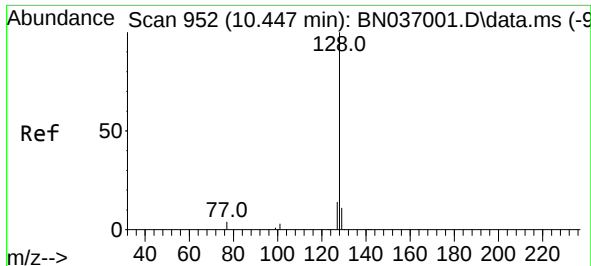
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 4398  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 12.4  | 10.4  | 15.6  |
| 54       | 13.5  | 8.5   | 12.7# |
| 68       | 8.2   | 5.1   | 7.7#  |



#8  
Nitrobenzene-d5  
Concen: 0.307 ng  
RT: 8.760 min Scan# 794  
Delta R.T. -0.011 min  
Lab File: BN037059.D  
Acq: 20 May 2025 00:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 1468  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 35.0  | 34.0  | 51.0  |
| 54       | 75.7  | 55.0  | 82.4  |

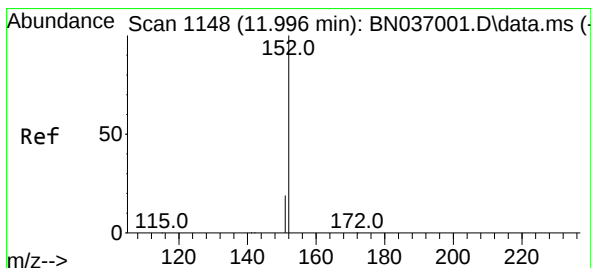
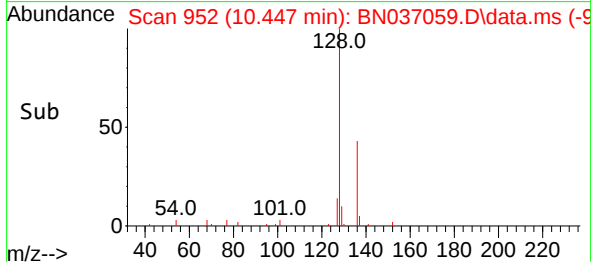
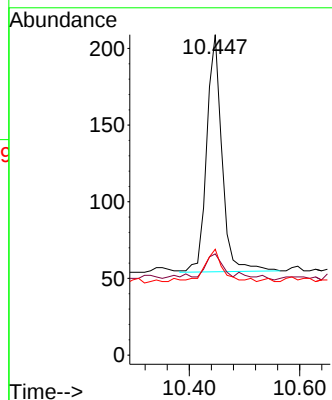
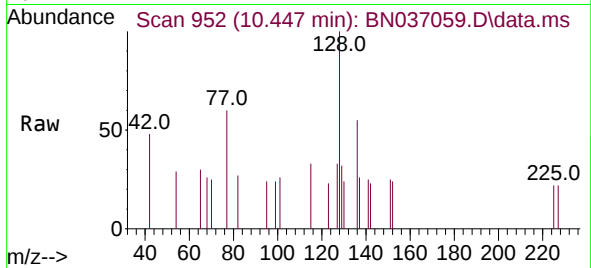




#9  
Naphthalene  
Concen: 0.023 ng  
RT: 10.447 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BN037059.D  
Acq: 20 May 2025 00:06

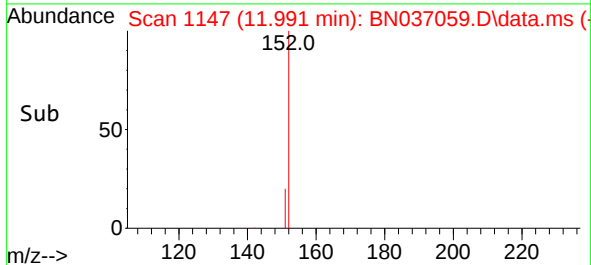
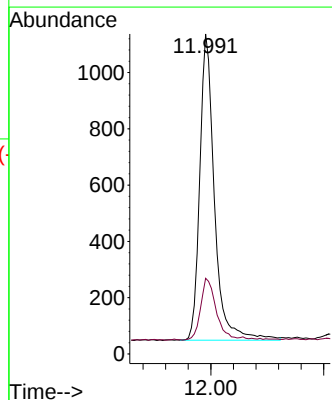
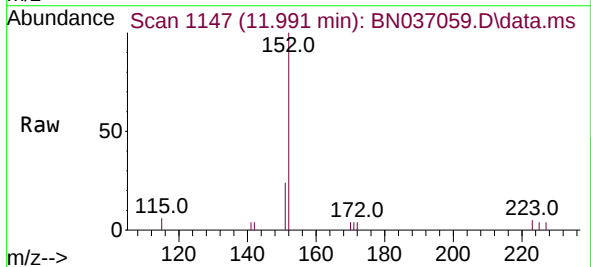
Instrument :  
BNA\_N  
ClientSampleId :  
RW7-SP303-20250514

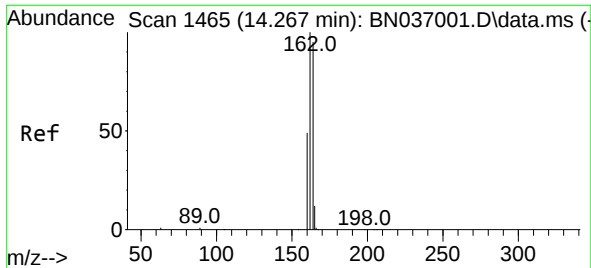
Tgt Ion:128 Resp: 298  
Ion Ratio Lower Upper  
128 100  
129 31.6 9.7 14.5#  
127 33.0 12.4 18.6#



#11  
2-Methylnaphthalene-d10  
Concen: 0.318 ng  
RT: 11.991 min Scan# 1147  
Delta R.T. -0.005 min  
Lab File: BN037059.D  
Acq: 20 May 2025 00:06

Tgt Ion:152 Resp: 1968  
Ion Ratio Lower Upper  
152 100  
151 21.3 17.5 26.3

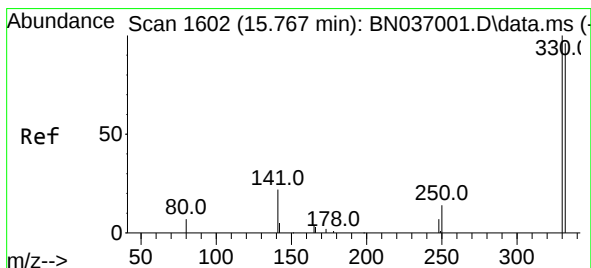
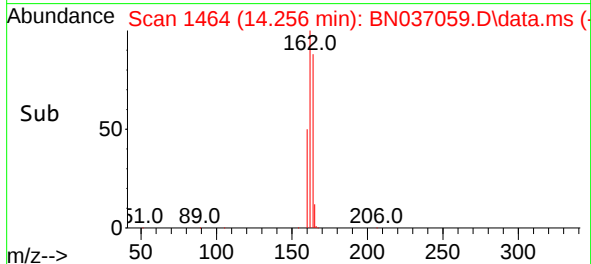
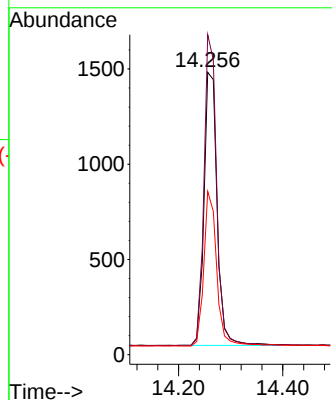
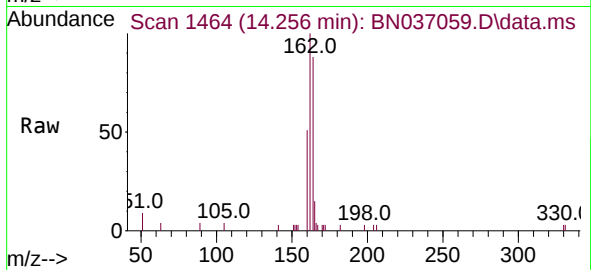




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.256 min Scan# 1464  
Delta R.T. -0.011 min  
Lab File: BN037059.D  
Acq: 20 May 2025 00:06

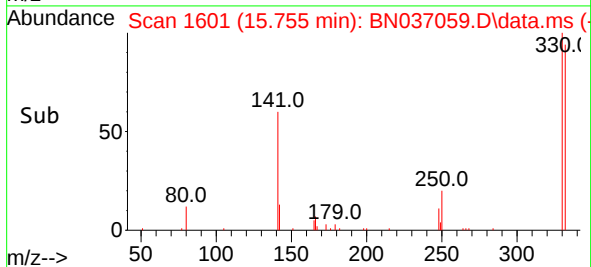
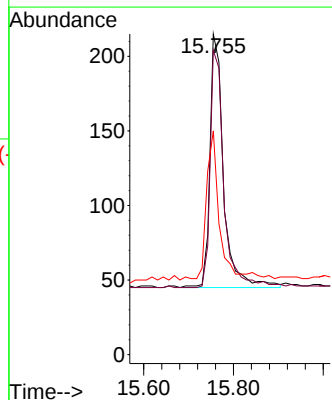
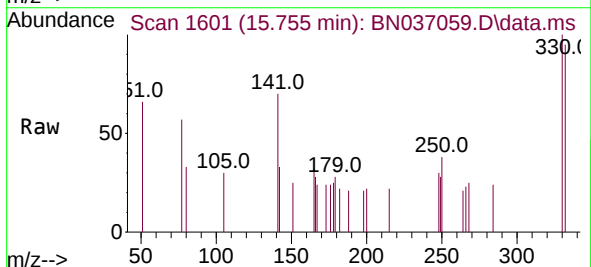
Instrument :  
BNA\_N  
ClientSampleId :  
RW7-SP303-20250514

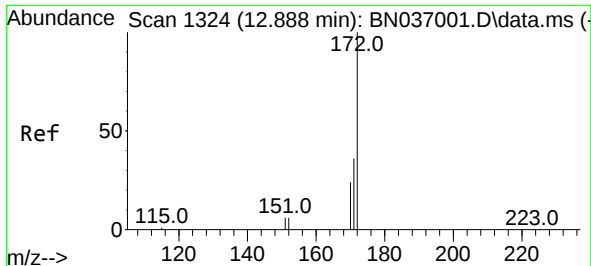
Tgt Ion:164 Resp: 2517  
Ion Ratio Lower Upper  
164 100  
162 113.3 84.2 126.4  
160 57.8 42.6 63.8



#14  
2,4,6-Tribromophenol  
Concen: 0.323 ng  
RT: 15.755 min Scan# 1601  
Delta R.T. -0.012 min  
Lab File: BN037059.D  
Acq: 20 May 2025 00:06

Tgt Ion:330 Resp: 357  
Ion Ratio Lower Upper  
330 100  
332 93.3 73.8 110.8  
141 51.0 43.9 65.9

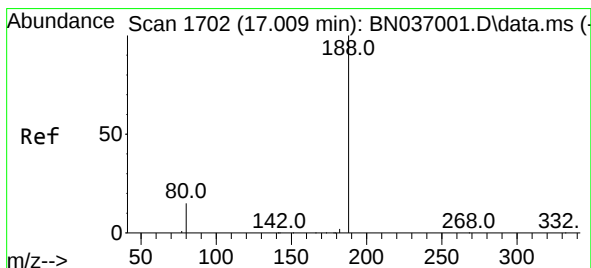
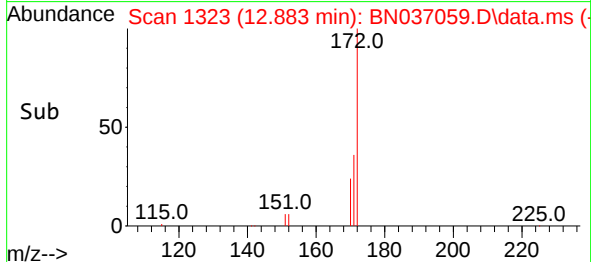
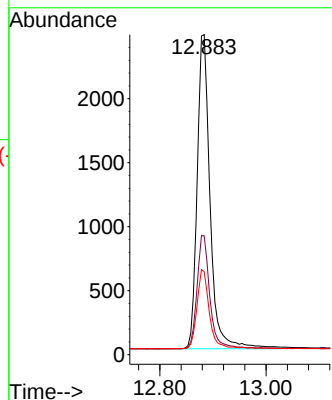
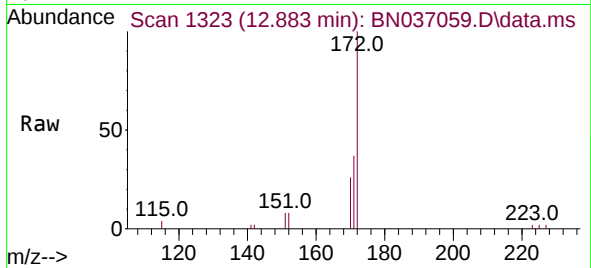




#15  
2-Fluorobiphenyl  
Concen: 0.382 ng  
RT: 12.883 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BN037059.D  
Acq: 20 May 2025 00:06

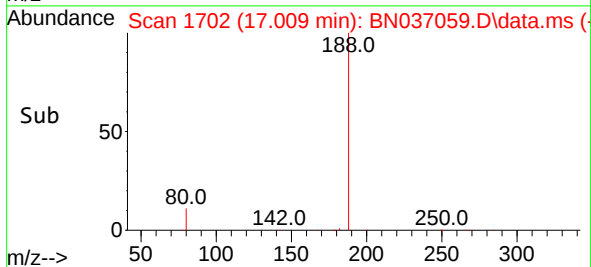
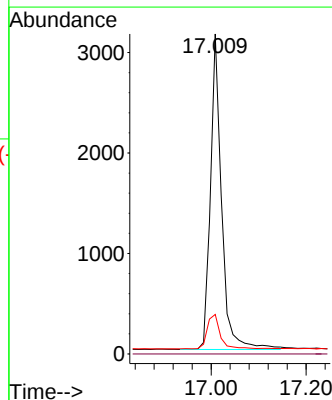
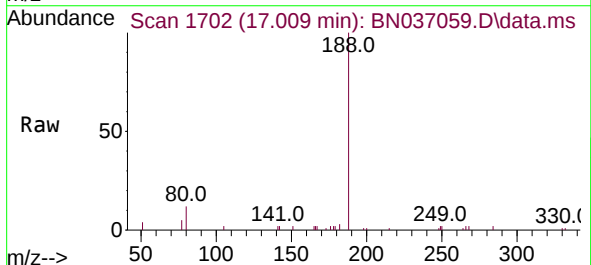
Instrument :  
BNA\_N  
ClientSampleId :  
RW7-SP303-20250514

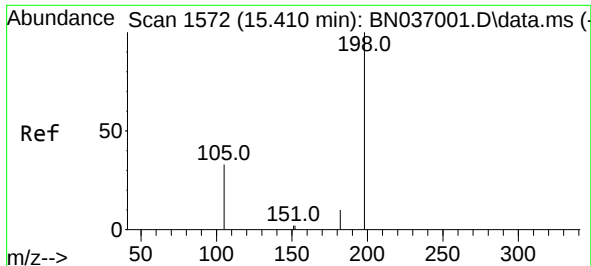
Tgt Ion:172 Resp: 4406  
Ion Ratio Lower Upper  
172 100  
171 37.2 29.2 43.8  
170 25.9 20.5 30.7



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.009 min Scan# 1702  
Delta R.T. 0.000 min  
Lab File: BN037059.D  
Acq: 20 May 2025 00:06

Tgt Ion:188 Resp: 5127  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 12.3 13.4 20.0#

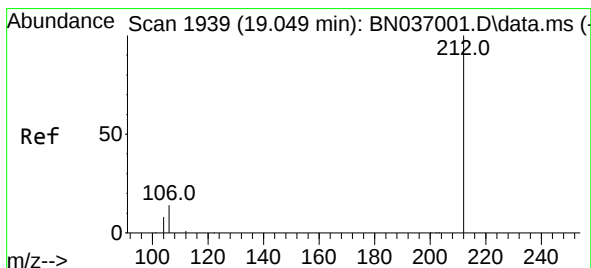
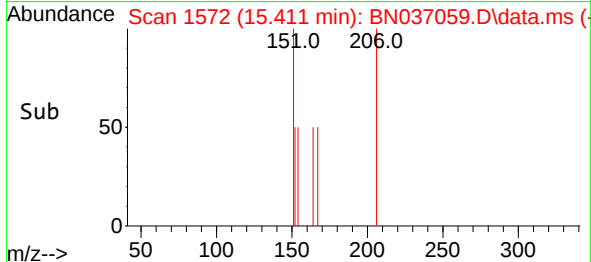
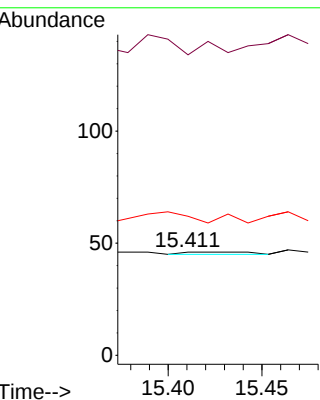
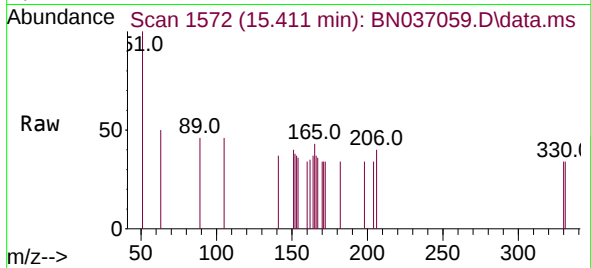




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.027 ng  
RT: 15.411 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: BN037059.D  
Acq: 20 May 2025 00:06

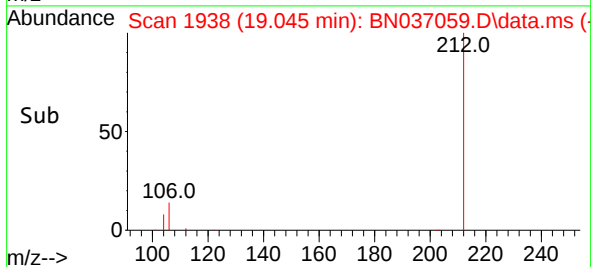
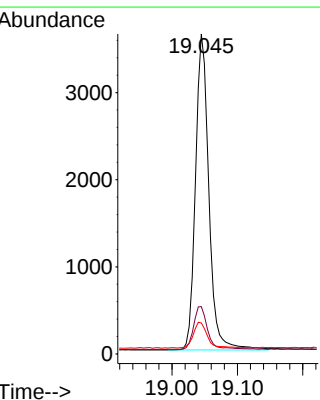
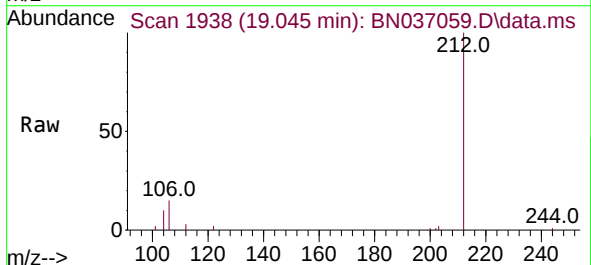
Instrument :  
BNA\_N  
ClientSampleId :  
RW7-SP303-20250514

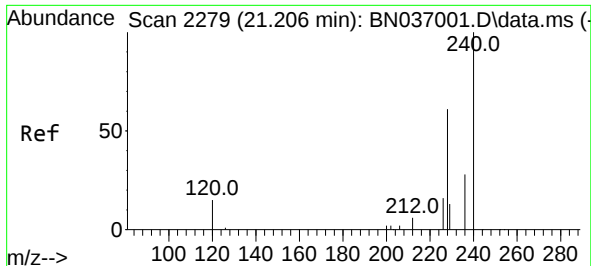
Tgt Ion:198 Resp: 3  
Ion Ratio Lower Upper  
198 100  
51 291.3 87.8 131.6#  
105 134.8 44.2 66.4#



#27  
Fluoranthene-d10  
Concen: 0.366 ng  
RT: 19.045 min Scan# 1938  
Delta R.T. -0.005 min  
Lab File: BN037059.D  
Acq: 20 May 2025 00:06

Tgt Ion:212 Resp: 5144  
Ion Ratio Lower Upper  
212 100  
106 14.2 11.3 16.9  
104 8.6 6.7 10.1

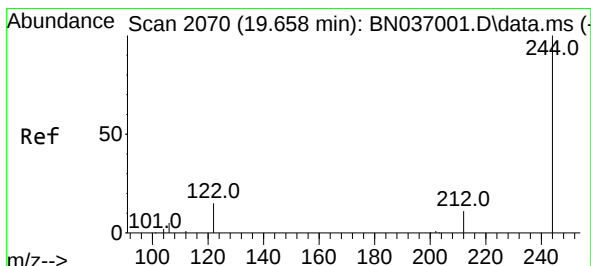
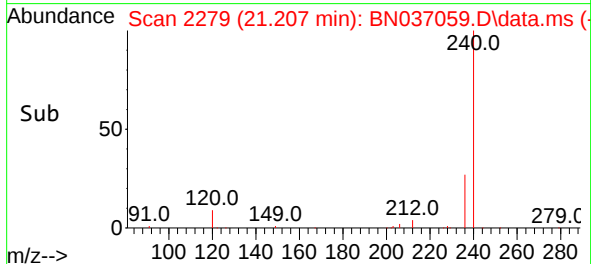
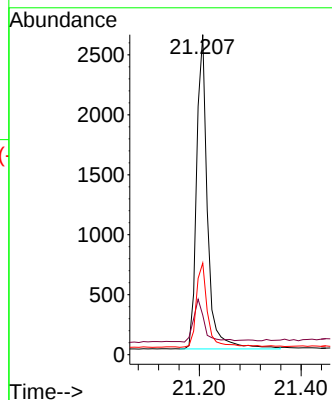
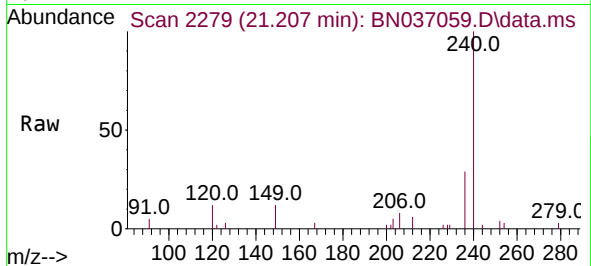




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.207 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BN037059.D  
Acq: 20 May 2025 00:06

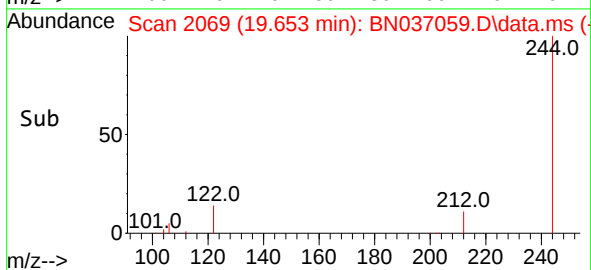
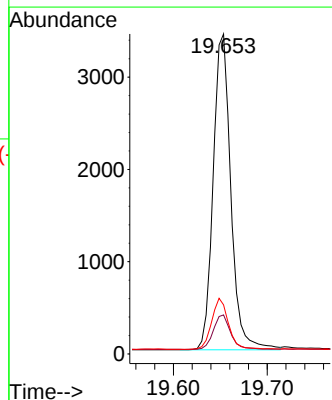
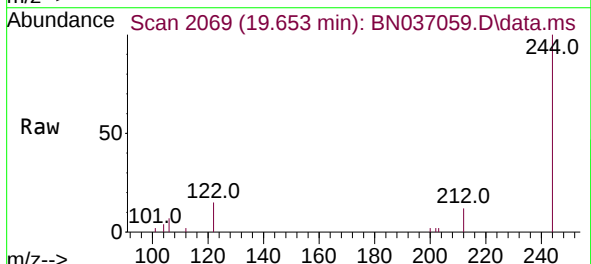
Instrument :  
BNA\_N  
ClientSampleId :  
RW7-SP303-20250514

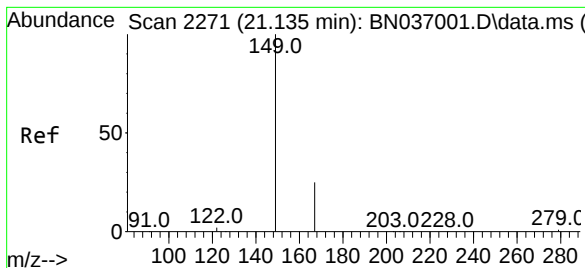
Tgt Ion:240 Resp: 3901  
Ion Ratio Lower Upper  
240 100  
120 12.3 15.1 22.7#  
236 28.7 24.0 36.0



#31  
Terphenyl-d14  
Concen: 0.537 ng  
RT: 19.653 min Scan# 2069  
Delta R.T. -0.005 min  
Lab File: BN037059.D  
Acq: 20 May 2025 00:06

Tgt Ion:244 Resp: 4477  
Ion Ratio Lower Upper  
244 100  
212 12.2 9.7 14.5  
122 15.4 13.4 20.0

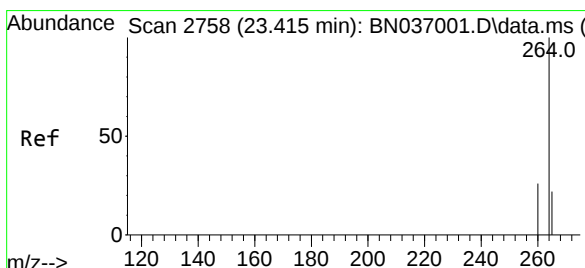
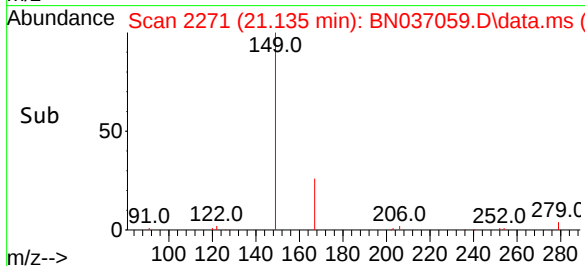
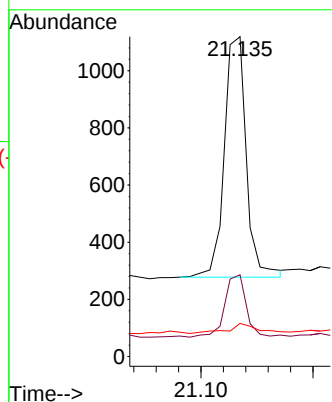
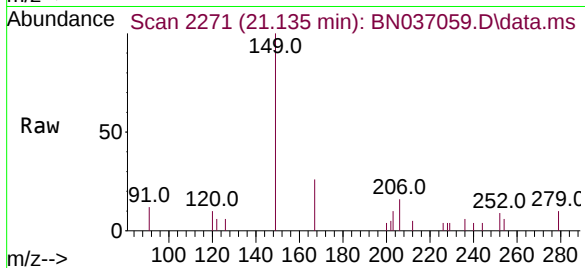




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.127 ng  
 RT: 21.135 min Scan# 2114  
 Delta R.T. 0.000 min  
 Lab File: BN037059.D  
 Acq: 20 May 2025 00:06

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW7-SP303-20250514

Tgt Ion:149 Resp: 1146  
 Ion Ratio Lower Upper  
 149 100  
 167 25.7 20.6 30.8  
 279 5.7 2.6 3.8#



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.409 min Scan# 2756  
 Delta R.T. -0.006 min  
 Lab File: BN037059.D  
 Acq: 20 May 2025 00:06

Tgt Ion:264 Resp: 3343  
 Ion Ratio Lower Upper  
 264 100  
 260 27.5 21.9 32.9  
 265 73.3 51.6 77.4

