

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051925\  
 Data File : BN037052.D  
 Acq On : 19 May 2025 19:16  
 Operator : RC/JU  
 Sample : Q2051-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW7-SP100-20250514

Quant Time: May 19 23:46:21 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

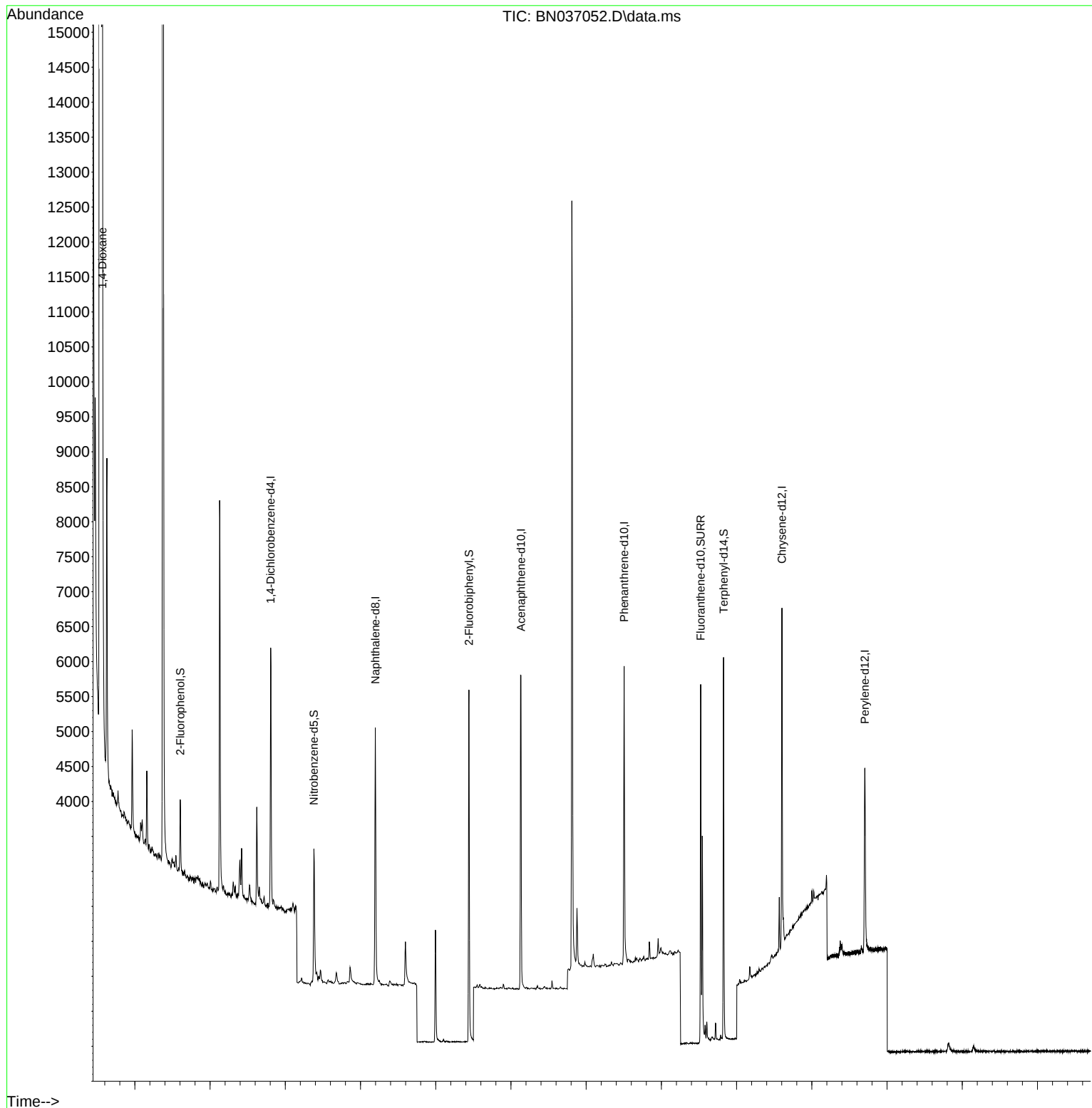
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min)  |
|-------------------------------|--------|------|----------|-------|-------|-----------|
| -----                         |        |      |          |       |       |           |
| Internal Standards            |        |      |          |       |       |           |
| 1) 1,4-Dichlorobenzene-d4     | 7.611  | 152  | 1826     | 0.400 | ng    | 0.00      |
| 7) Naphthalene-d8             | 10.394 | 136  | 4828     | 0.400 | ng    | #-0.01    |
| 13) Acenaphthene-d10          | 14.267 | 164  | 2874     | 0.400 | ng    | 0.00      |
| 19) Phenanthrene-d10          | 17.009 | 188  | 5711     | 0.400 | ng    | # 0.00    |
| 29) Chrysene-d12              | 21.206 | 240  | 4467     | 0.400 | ng    | # 0.00    |
| 35) Perylene-d12              | 23.409 | 264  | 3746     | 0.400 | ng    | 0.00      |
| System Monitoring Compounds   |        |      |          |       |       |           |
| 4) 2-Fluorophenol             | 5.206  | 112  | 728      | 0.152 | ng    | 0.00      |
| 5) Phenol-d6                  | 6.795  | 99   | 487      | 0.081 | ng    | 0.00      |
| 8) Nitrobenzene-d5            | 8.760  | 82   | 1855     | 0.353 | ng    | -0.01     |
| 11) 2-Methylnaphthalene-d10   | 11.991 | 152  | 2366     | 0.348 | ng    | 0.00      |
| 14) 2,4,6-Tribromophenol      | 15.755 | 330  | 461      | 0.365 | ng    | -0.01     |
| 15) 2-Fluorobiphenyl          | 12.883 | 172  | 4997     | 0.380 | ng    | 0.00      |
| 27) Fluoranthene-d10          | 19.045 | 212  | 5904     | 0.377 | ng    | 0.00      |
| 31) Terphenyl-d14             | 19.653 | 244  | 5080     | 0.532 | ng    | 0.00      |
| Target Compounds              |        |      |          |       |       |           |
| 2) 1,4-Dioxane                | 3.133  | 88   | 9091     | 4.057 | ng    | Qvalue 95 |
| 6) bis(2-Chloroethyl)ether    | 7.048  | 93   | 144      | 0.026 | ng    | # 81      |
| 34) Bis(2-ethylhexyl)phtha... | 21.135 | 149  | 775      | 0.075 | ng    | # 94      |
| -----                         |        |      |          |       |       |           |

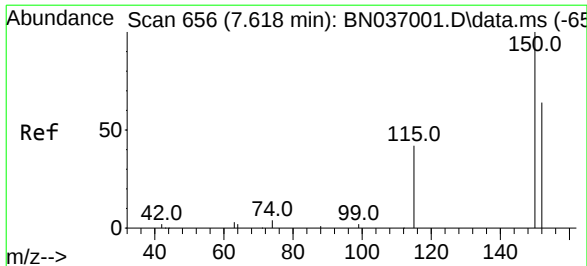
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051925\  
Data File : BN037052.D  
Acq On : 19 May 2025 19:16  
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ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
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RW7-SP100-20250514

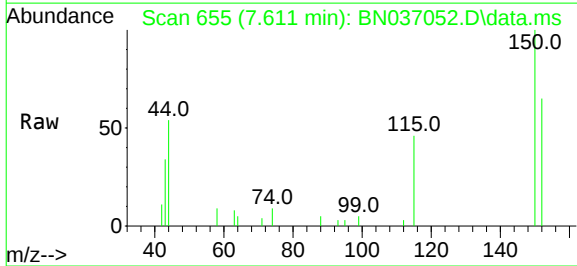
Quant Time: May 19 23:46:21 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN051425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 14 11:26:32 2025  
Response via : Initial Calibration



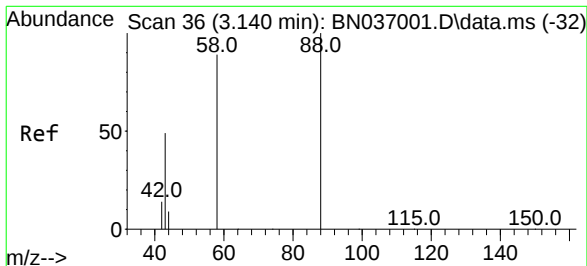
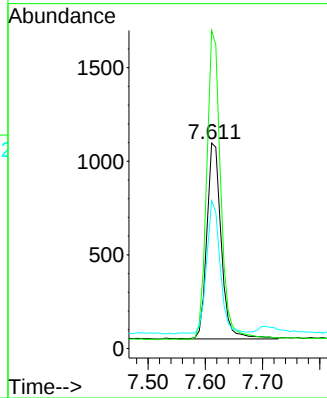
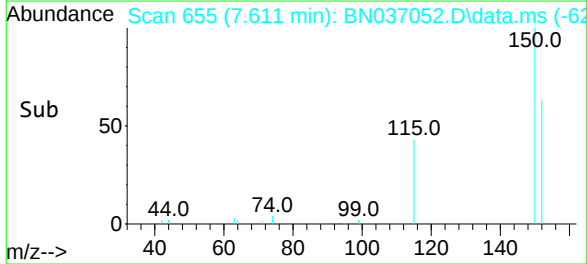


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.611 min Scan# 65  
 Delta R.T. -0.007 min  
 Lab File: BN037052.D  
 Acq: 19 May 2025 19:16

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW7-SP100-20250514

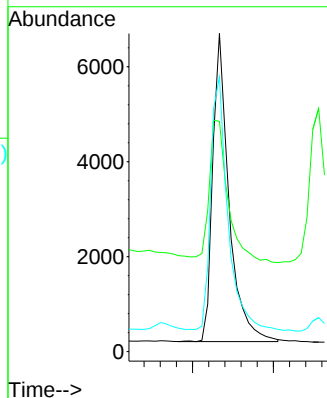
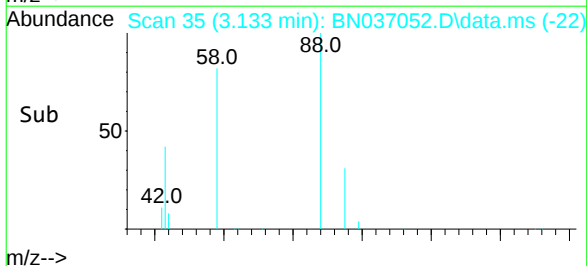
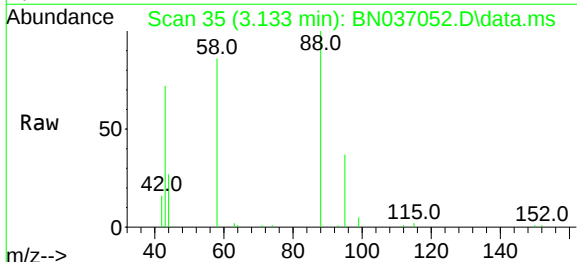


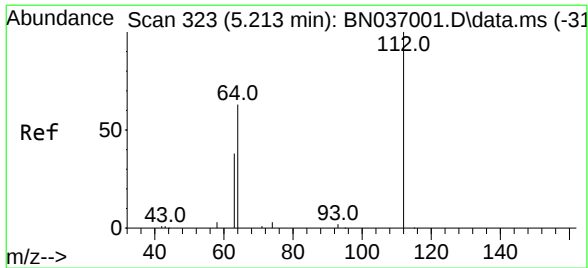
Tgt Ion: 152 Resp: 1826  
 Ion Ratio Lower Upper  
 152 100  
 150 154.9 123.9 185.9  
 115 71.9 55.8 83.8



#2  
 1,4-Dioxane  
 Concen: 4.057 ng  
 RT: 3.133 min Scan# 35  
 Delta R.T. -0.007 min  
 Lab File: BN037052.D  
 Acq: 19 May 2025 19:16

Tgt Ion: 88 Resp: 9091  
 Ion Ratio Lower Upper  
 88 100  
 43 53.7 37.4 56.0  
 58 84.8 68.8 103.2

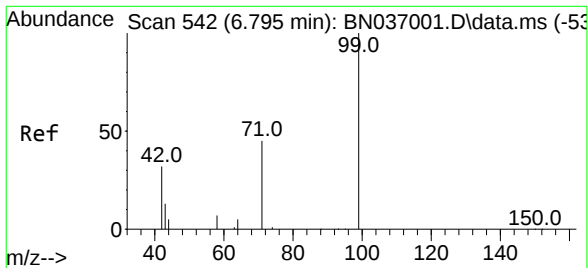
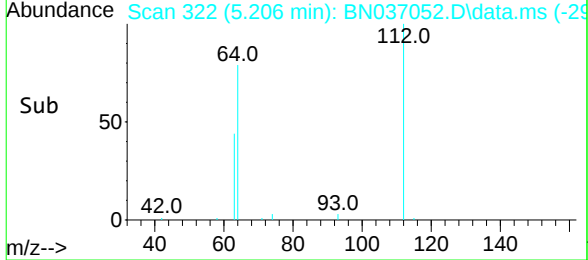
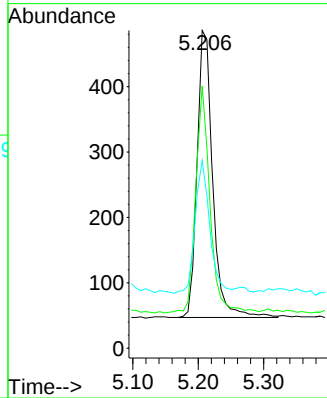
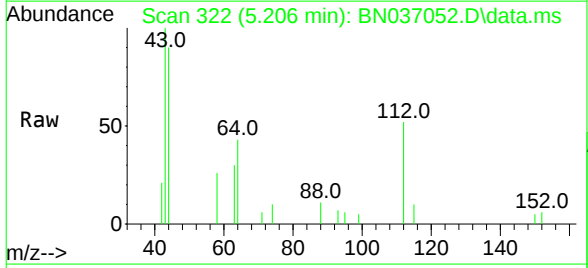




#4  
2-Fluorophenol  
Concen: 0.152 ng  
RT: 5.206 min Scan# 32  
Delta R.T. -0.007 min  
Lab File: BN037052.D  
Acq: 19 May 2025 19:16

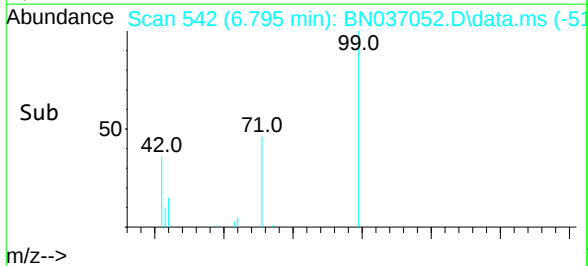
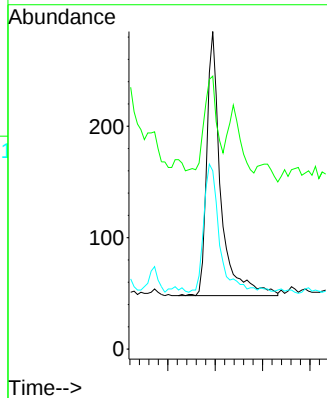
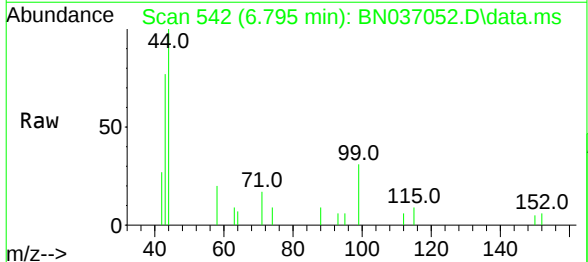
Instrument :  
BNA\_N  
ClientSampleId :  
RW7-SP100-20250514

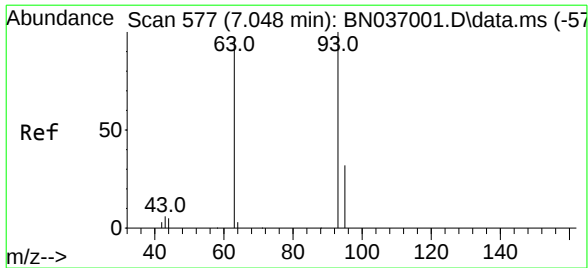
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 728   |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 64       | 72.4  | 55.7  | 83.5  |
| 63       | 43.1  | 34.6  | 51.8  |



#5  
Phenol-d6  
Concen: 0.081 ng  
RT: 6.795 min Scan# 542  
Delta R.T. -0.000 min  
Lab File: BN037052.D  
Acq: 19 May 2025 19:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 487   |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 34.3  | 29.3  | 43.9  |
| 71       | 54.0  | 35.7  | 53.5  |

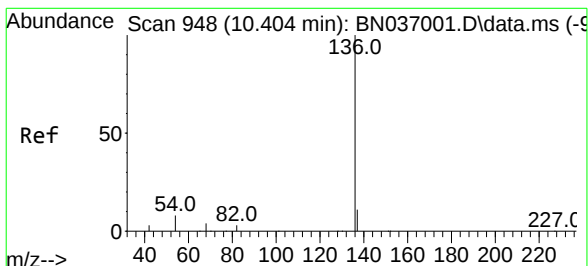
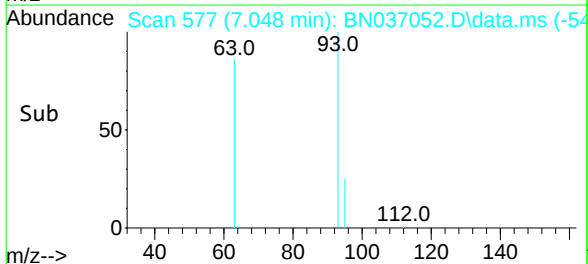
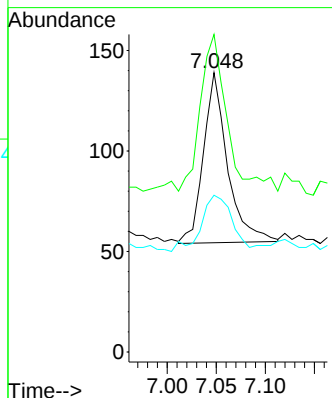
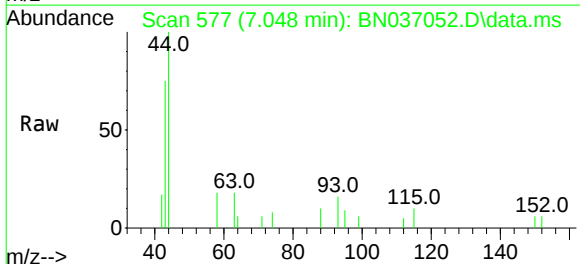




#6  
 bis(2-Chloroethyl)ether  
 Concen: 0.026 ng  
 RT: 7.048 min Scan# 577  
 Delta R.T. 0.000 min  
 Lab File: BN037052.D  
 Acq: 19 May 2025 19:16

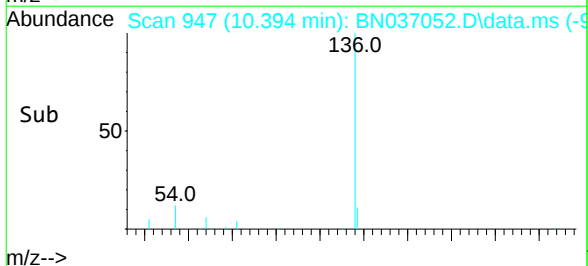
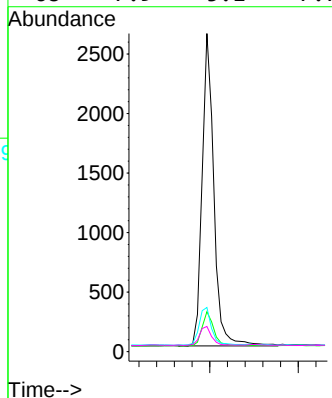
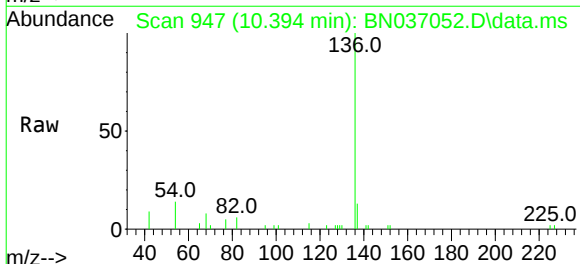
Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW7-SP100-20250514

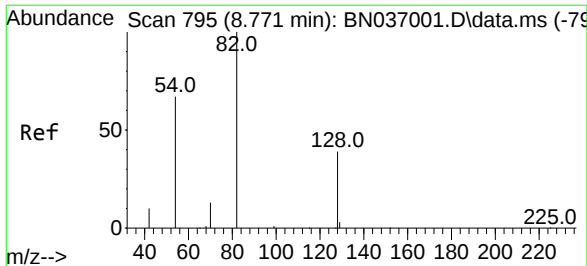
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 144   |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 104.9 | 70.1  | 105.1 |
| 95       | 43.1  | 26.2  | 39.2  |



#7  
 Naphthalene-d8  
 Concen: 0.400 ng  
 RT: 10.394 min Scan# 947  
 Delta R.T. -0.011 min  
 Lab File: BN037052.D  
 Acq: 19 May 2025 19:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 4828  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 12.5  | 10.4  | 15.6  |
| 54       | 13.9  | 8.5   | 12.7  |
| 68       | 7.9   | 5.1   | 7.7   |

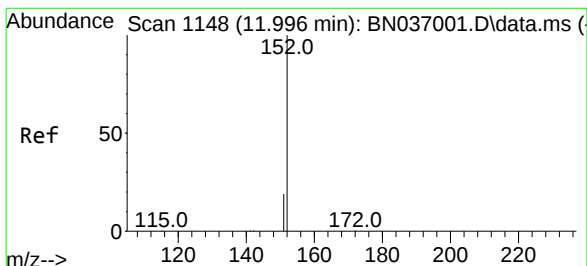
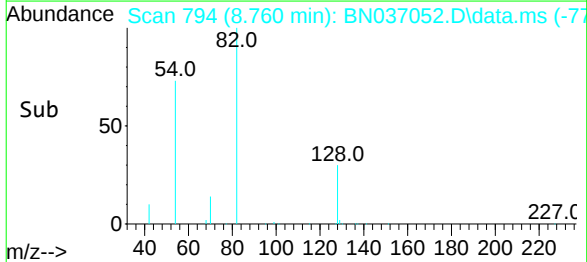
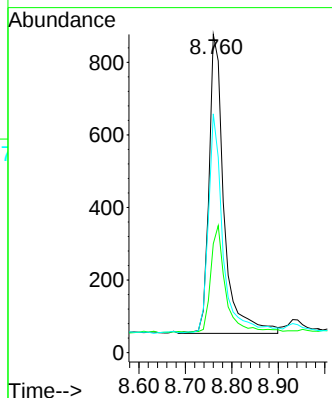
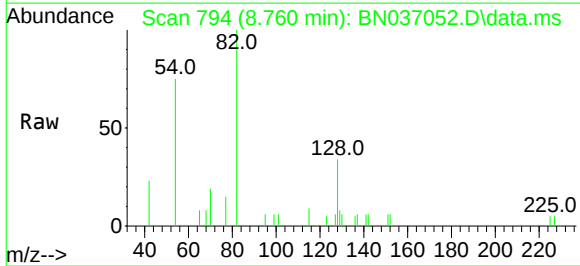




#8  
 Nitrobenzene-d5  
 Concen: 0.353 ng  
 RT: 8.760 min Scan# 795  
 Delta R.T. -0.011 min  
 Lab File: BN037052.D  
 Acq: 19 May 2025 19:16

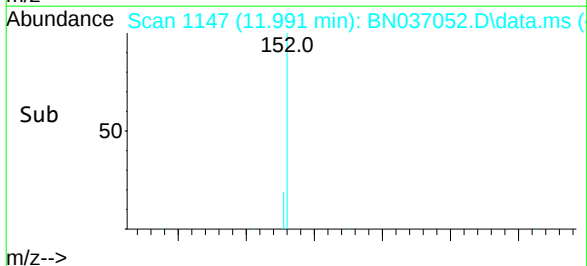
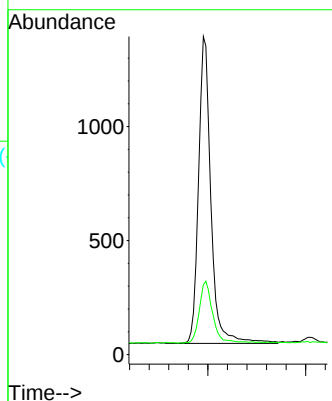
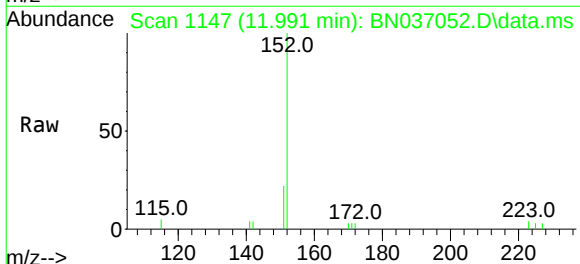
Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW7-SP100-20250514

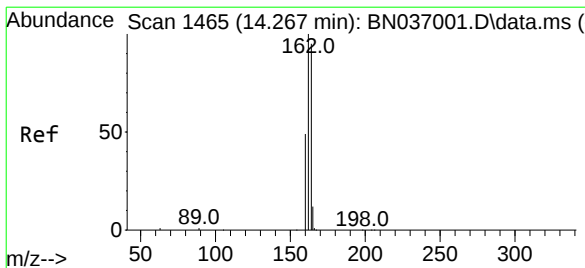
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 1855  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 34.2  | 34.0  | 51.0  |
| 54       | 75.0  | 55.0  | 82.4  |



#11  
 2-Methylnaphthalene-d10  
 Concen: 0.348 ng  
 RT: 11.991 min Scan# 1147  
 Delta R.T. -0.005 min  
 Lab File: BN037052.D  
 Acq: 19 May 2025 19:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 2366  |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 21.8  | 17.5  | 26.3  |





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.267 min Scan# 14

Delta R.T. 0.000 min

Lab File: BN037052.D

Acq: 19 May 2025 19:16

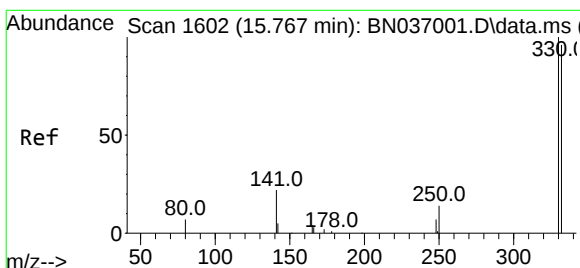
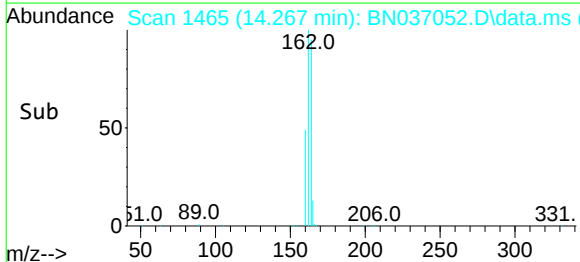
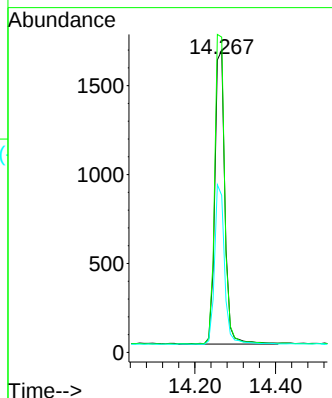
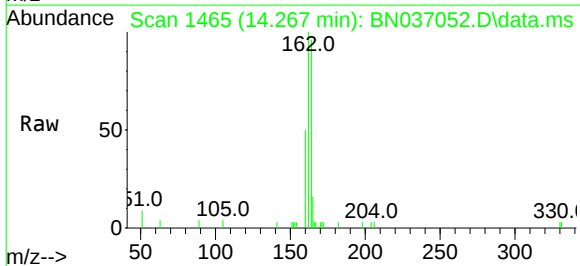
Instrument :

BNA\_N

ClientSampleId :

RW7-SP100-20250514

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 2874  |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 162      | 104.4 | 84.2  | 126.4 |
| 160      | 52.0  | 42.6  | 63.8  |



#14

2,4,6-Tribromophenol

Concen: 0.365 ng

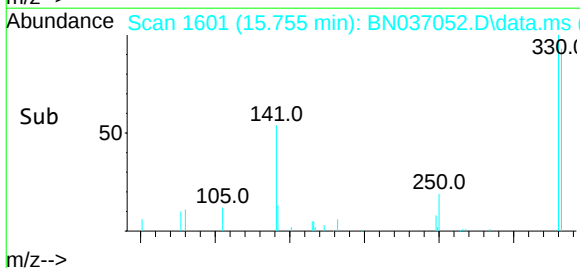
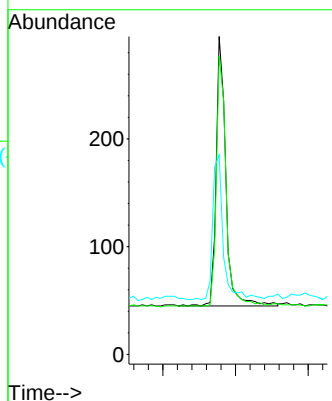
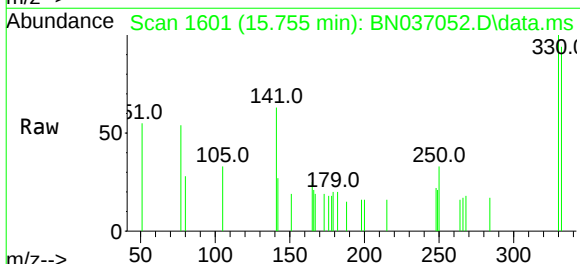
RT: 15.755 min Scan# 1601

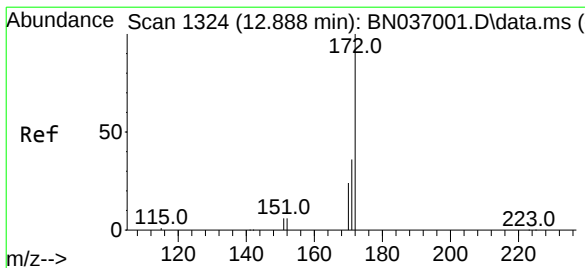
Delta R.T. -0.012 min

Lab File: BN037052.D

Acq: 19 May 2025 19:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 330   | Resp: | 461   |
| Ion      | Ratio | Lower | Upper |
| 330      | 100   |       |       |
| 332      | 92.4  | 73.8  | 110.8 |
| 141      | 58.4  | 43.9  | 65.9  |





#15

2-Fluorobiphenyl

Concen: 0.380 ng

RT: 12.883 min Scan# 13

Delta R.T. -0.005 min

Lab File: BN037052.D

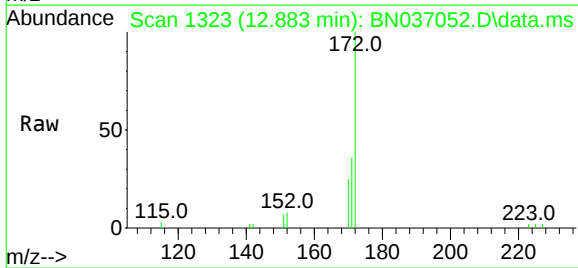
Acq: 19 May 2025 19:16

Instrument :

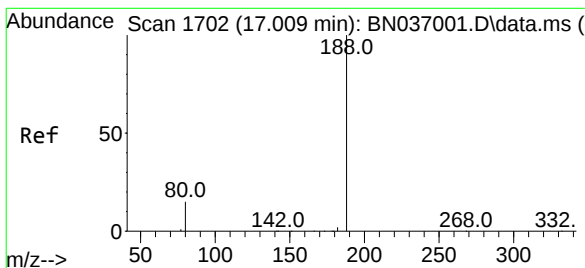
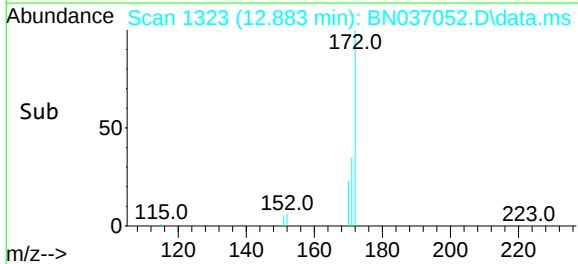
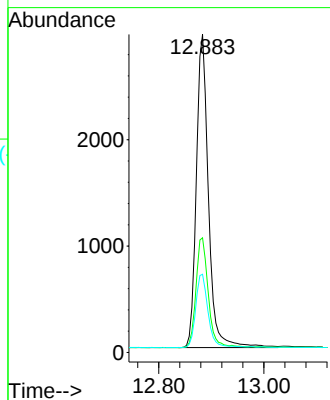
BNA\_N

ClientSampleId :

RW7-SP100-20250514



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 4997  |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 36.1  | 29.2  | 43.8  |
| 170      | 24.6  | 20.5  | 30.7  |



#19

Phenanthrene-d10

Concen: 0.400 ng

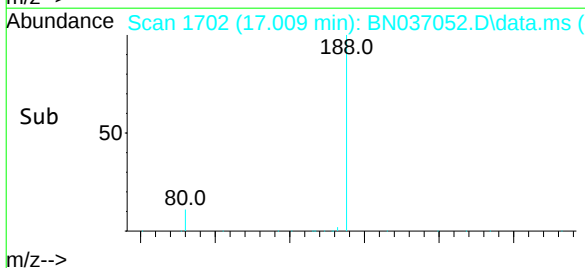
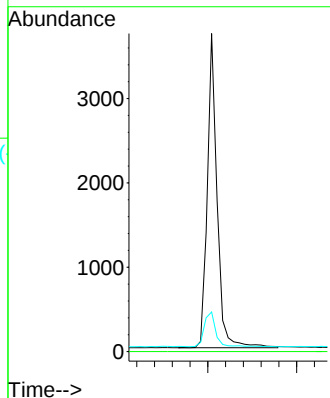
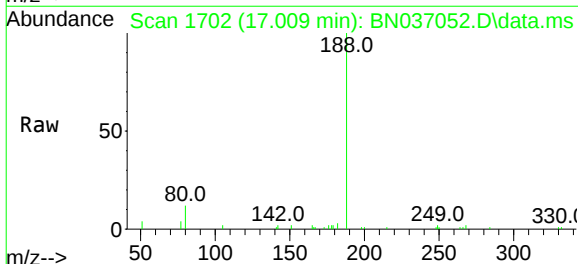
RT: 17.009 min Scan# 1702

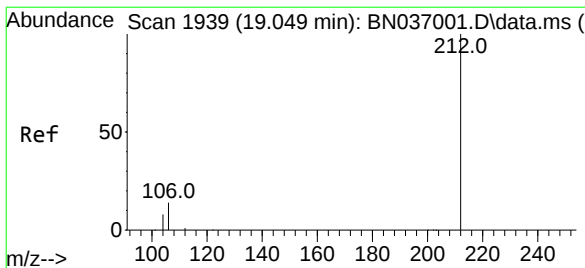
Delta R.T. 0.000 min

Lab File: BN037052.D

Acq: 19 May 2025 19:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 188   | Resp: | 5711  |
| Ion      | Ratio | Lower | Upper |
| 188      | 100   |       |       |
| 94       | 0.0   | 0.0   | 0.0   |
| 80       | 12.5  | 13.4  | 20.0  |





#27

Fluoranthene-d10

Concen: 0.377 ng

RT: 19.045 min Scan# 19

Delta R.T. -0.005 min

Lab File: BN037052.D

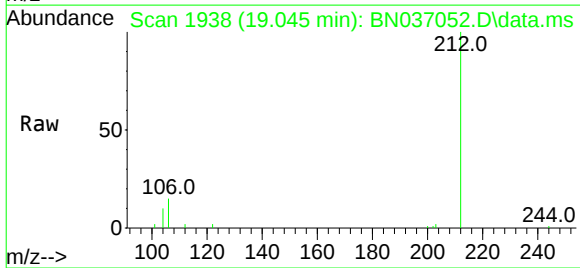
Acq: 19 May 2025 19:16

Instrument :

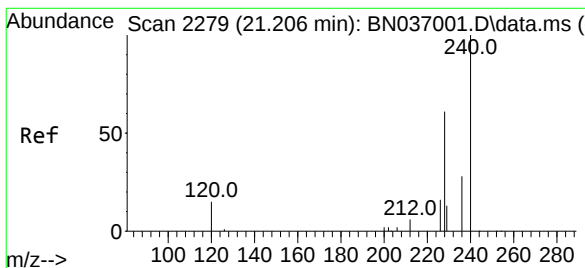
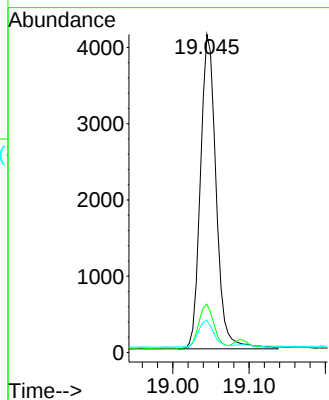
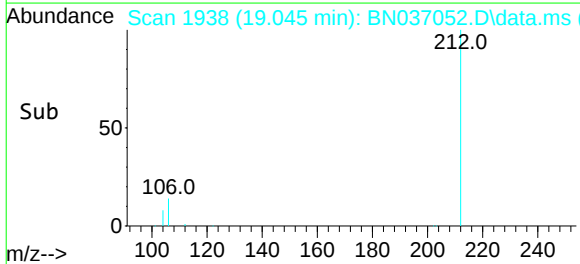
BNA\_N

ClientSampleId :

RW7-SP100-20250514



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 212   | Resp: | 5904  |
| Ion      | Ratio | Lower | Upper |
| 212      | 100   |       |       |
| 106      | 13.7  | 11.3  | 16.9  |
| 104      | 8.5   | 6.7   | 10.1  |



#29

Chrysene-d12

Concen: 0.400 ng

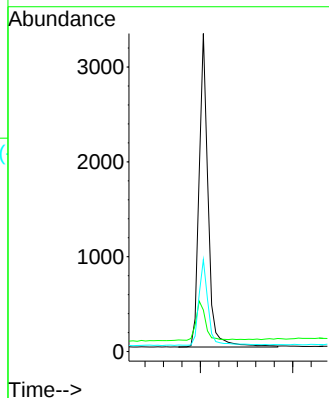
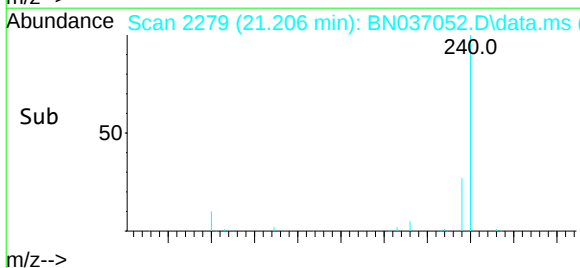
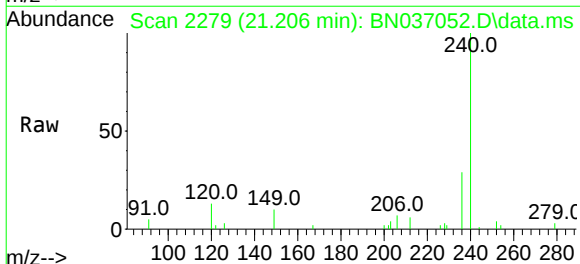
RT: 21.206 min Scan# 2279

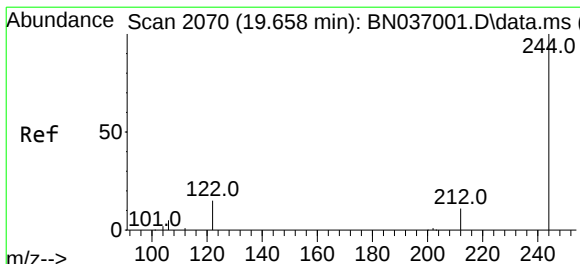
Delta R.T. 0.000 min

Lab File: BN037052.D

Acq: 19 May 2025 19:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 240   | Resp: | 4467  |
| Ion      | Ratio | Lower | Upper |
| 240      | 100   |       |       |
| 120      | 13.1  | 15.1  | 22.7# |
| 236      | 28.9  | 24.0  | 36.0  |

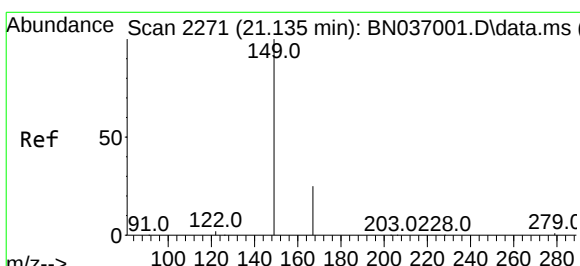
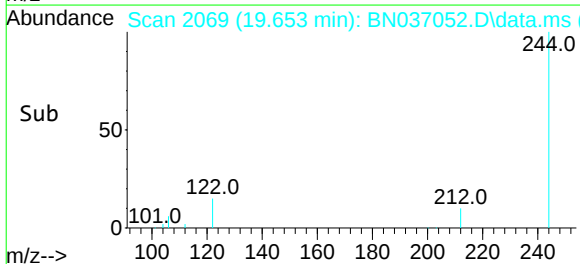
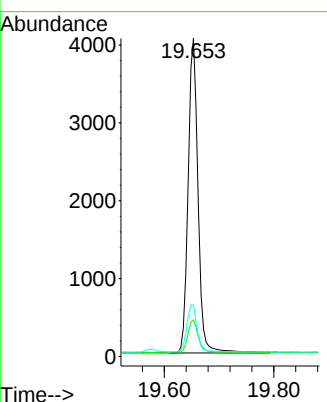
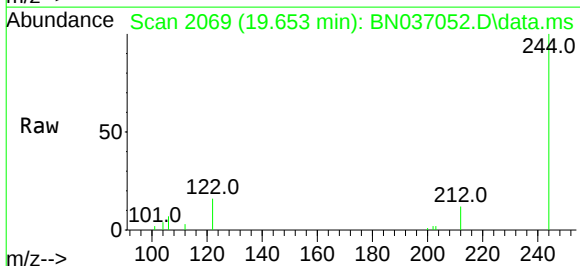




#31  
 Terphenyl-d14  
 Concen: 0.532 ng  
 RT: 19.653 min Scan# 2070  
 Delta R.T. -0.005 min  
 Lab File: BN037052.D  
 Acq: 19 May 2025 19:16

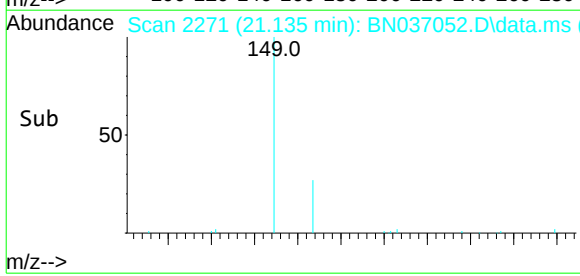
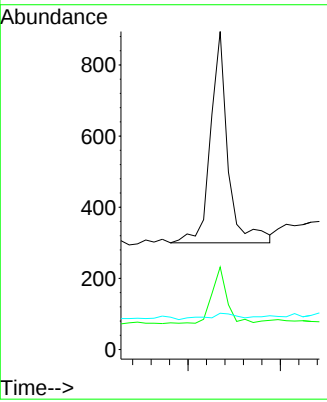
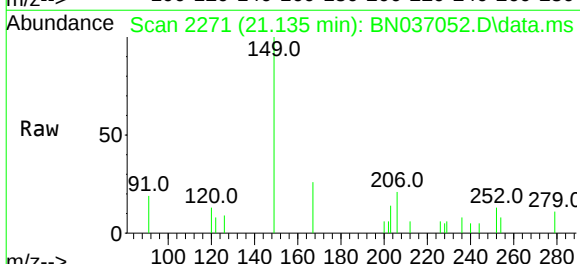
Instrument : BNA\_N  
 ClientSampleId : RW7-SP100-20250514

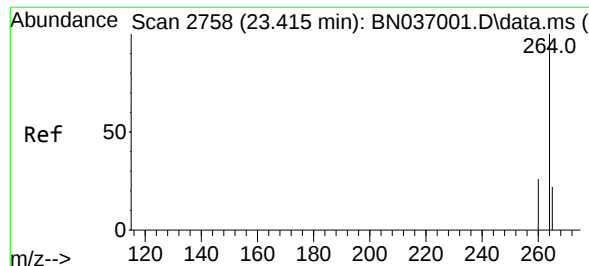
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 244   | Resp: | 5080  |
| Ion      | Ratio | Lower | Upper |
| 244      | 100   |       |       |
| 212      | 11.5  | 9.7   | 14.5  |
| 122      | 16.2  | 13.4  | 20.0  |



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.075 ng  
 RT: 21.135 min Scan# 2271  
 Delta R.T. 0.000 min  
 Lab File: BN037052.D  
 Acq: 19 May 2025 19:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 149   | Resp: | 775   |
| Ion      | Ratio | Lower | Upper |
| 149      | 100   |       |       |
| 167      | 22.5  | 20.6  | 30.8  |
| 279      | 5.0   | 2.6   | 3.8   |





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.409 min Scan# 27

Delta R.T. -0.006 min

Lab File: BN037052.D

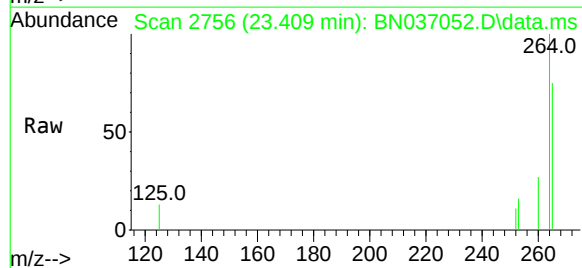
Acq: 19 May 2025 19:16

Instrument :

BNA\_N

ClientSampleId :

RW7-SP100-20250514



Tgt Ion:264 Resp: 3746

Ion Ratio Lower Upper

264 100

260 26.9 21.9 32.9

265 74.8 51.6 77.4

