

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061625\  
 Data File : BN037286.D  
 Acq On : 16 Jun 2025 11:39  
 Operator : RC/JU  
 Sample : Q2299-17DL 2X  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE134D3-20250610DL

Quant Time: Jun 16 12:25:04 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN061325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 13 18:43:34 2025  
 Response via : Initial Calibration

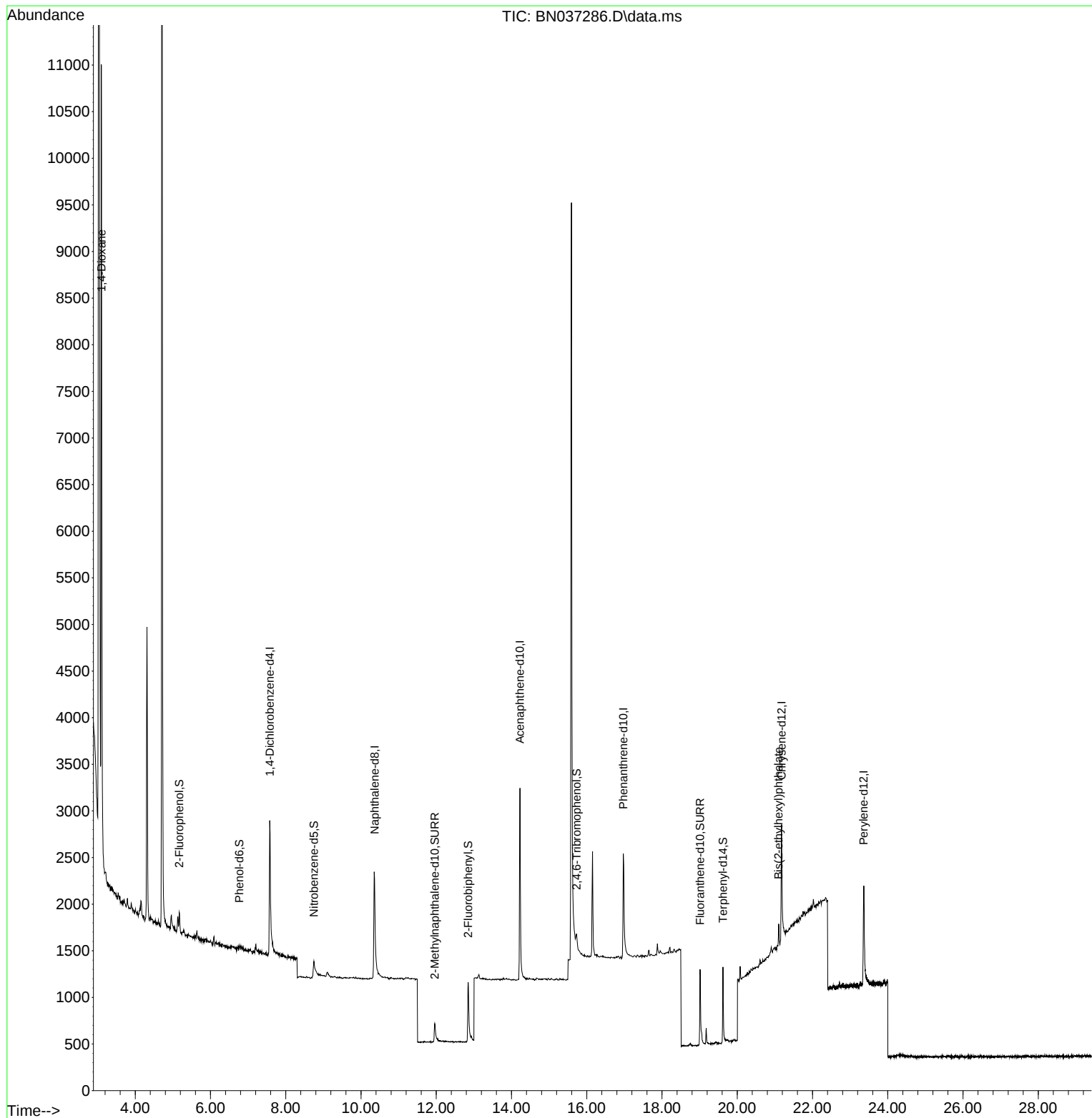
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.575  | 152  | 929      | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.362 | 136  | 2314     | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.224 | 164  | 1314     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.971 | 188  | 2315     | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.180 | 240  | 1782     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.360 | 264  | 1749     | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.170  | 112  | 156      | 0.068 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.766  | 99   | 81       | 0.034 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.749  | 82   | 318      | 0.139 | ng    | 0.02     |
| 11) 2-Methylnaphthalene-d10   | 11.960 | 152  | 486      | 0.157 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.730 | 330  | 97       | 0.178 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.848 | 172  | 829      | 0.150 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.012 | 212  | 1190     | 0.196 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.621 | 244  | 886      | 0.220 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.104  | 88   | 4235     | 3.323 | ng    | 97       |
| 34) Bis(2-ethylhexyl)phtha... | 21.099 | 149  | 260      | 0.058 | ng    | # 96     |
| -----                         |        |      |          |       |       |          |

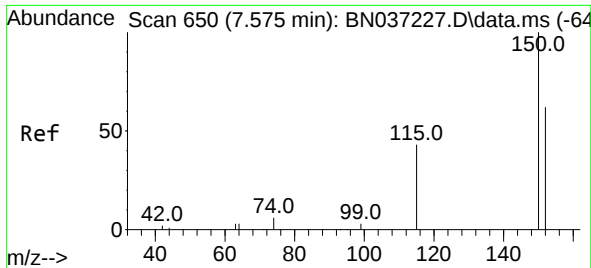
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061625\  
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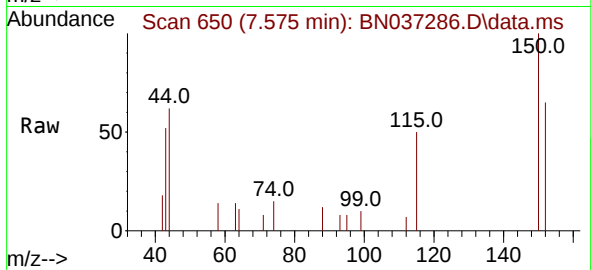
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN061325.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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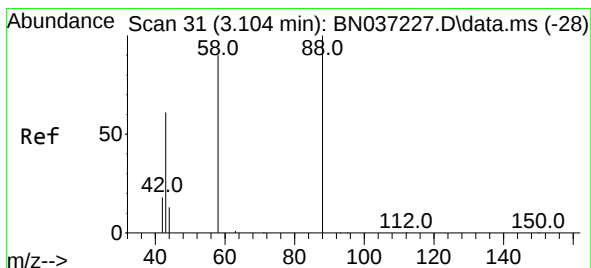
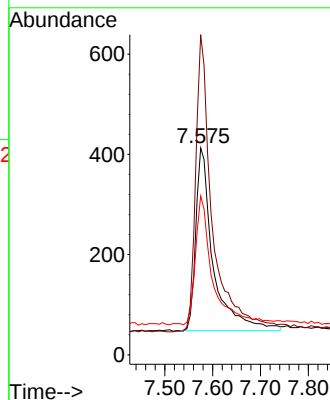
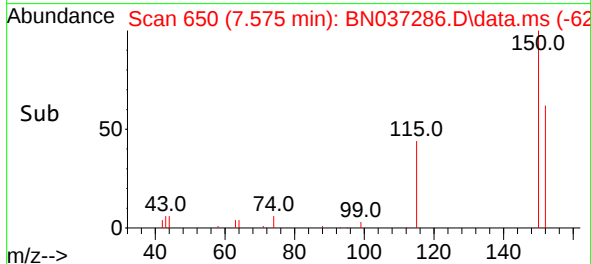
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.575 min Scan# 61  
 Delta R.T. -0.000 min  
 Lab File: BN037286.D  
 Acq: 16 Jun 2025 11:39

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE134D3-20250610DL

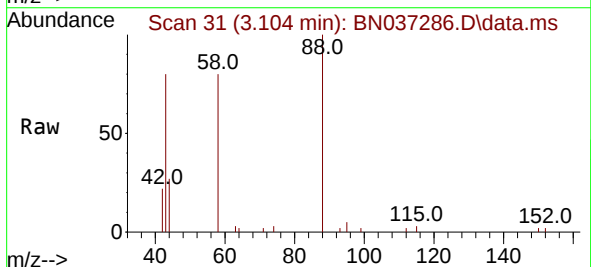


Tgt Ion:152 Resp: 929

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 150 | 154.7 | 125.2 | 187.8 |
| 115 | 76.8  | 58.4  | 87.6  |

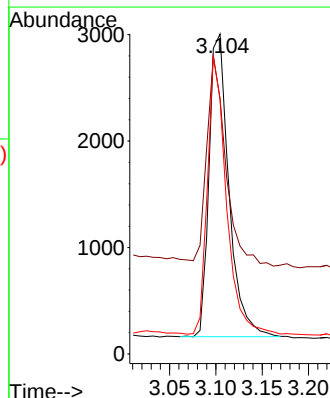
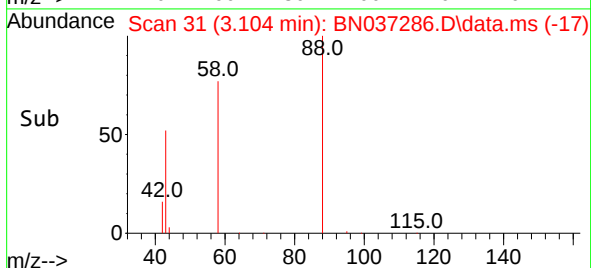


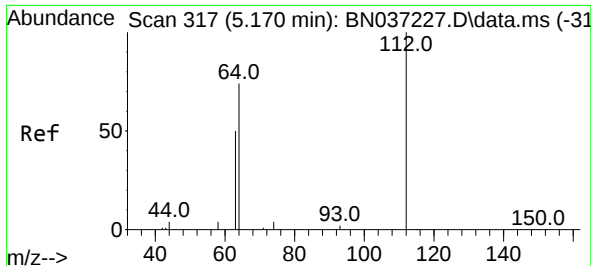
#2  
 1,4-Dioxane  
 Concen: 3.323 ng  
 RT: 3.104 min Scan# 31  
 Delta R.T. 0.000 min  
 Lab File: BN037286.D  
 Acq: 16 Jun 2025 11:39



Tgt Ion: 88 Resp: 4235

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 65.9  | 52.6  | 79.0  |
| 58  | 87.1  | 73.5  | 110.3 |

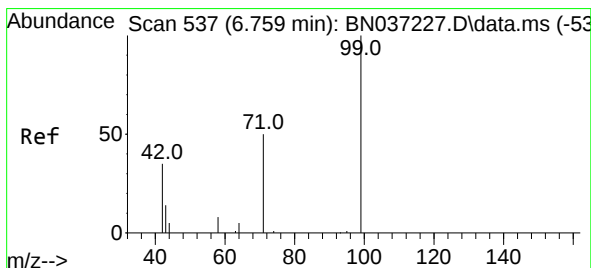
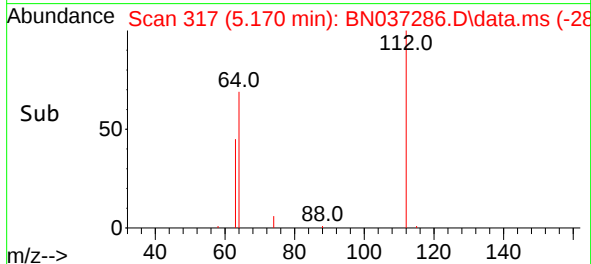
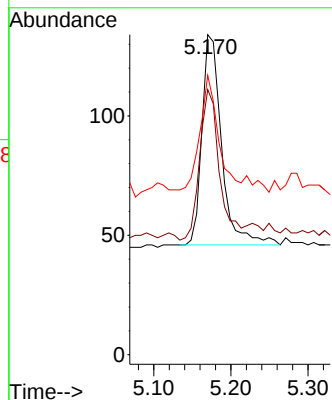
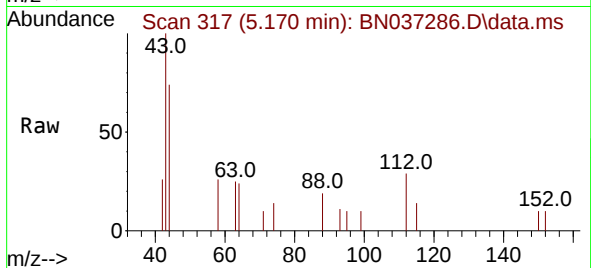




#4  
2-Fluorophenol  
Concen: 0.068 ng  
RT: 5.170 min Scan# 317  
Delta R.T. 0.000 min  
Lab File: BN037286.D  
Acq: 16 Jun 2025 11:39

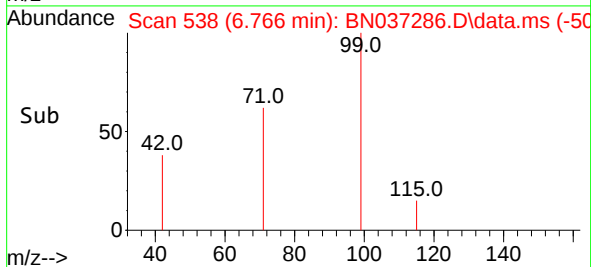
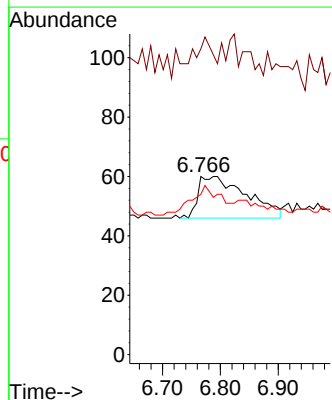
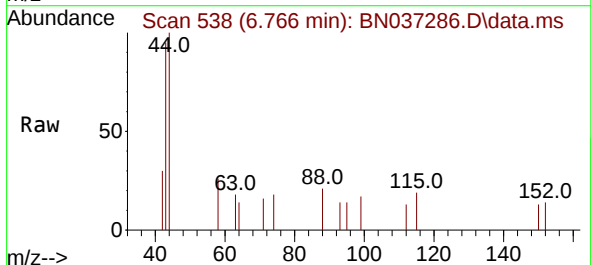
Instrument :  
BNA\_N  
ClientSampleId :  
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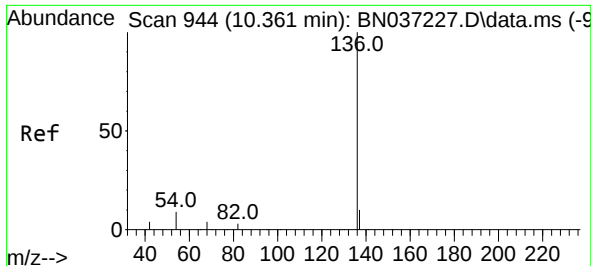
Tgt Ion:112 Resp: 156  
Ion Ratio Lower Upper  
112 100  
64 71.8 57.2 85.8  
63 50.0 39.8 59.6



#5  
Phenol-d6  
Concen: 0.034 ng  
RT: 6.766 min Scan# 538  
Delta R.T. 0.007 min  
Lab File: BN037286.D  
Acq: 16 Jun 2025 11:39

Tgt Ion: 99 Resp: 81  
Ion Ratio Lower Upper  
99 100  
42 27.2 36.2 54.4#  
71 42.0 42.4 63.6#

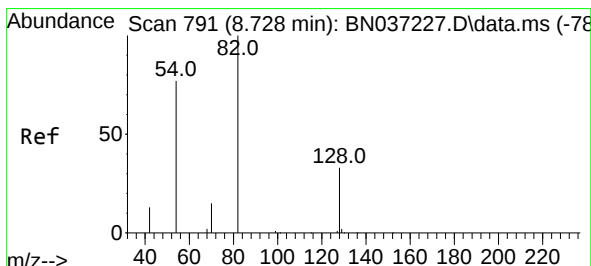
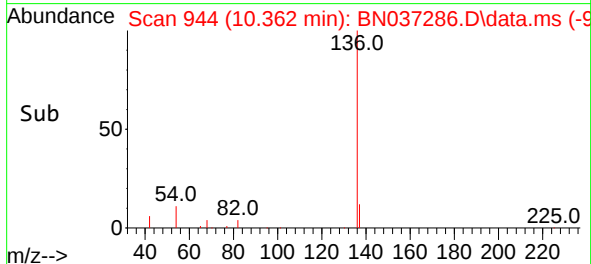
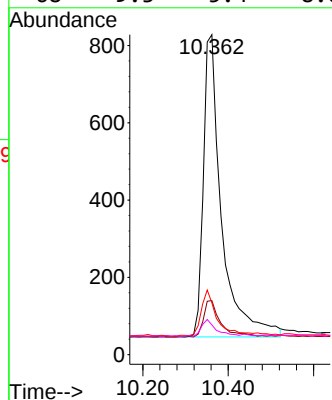
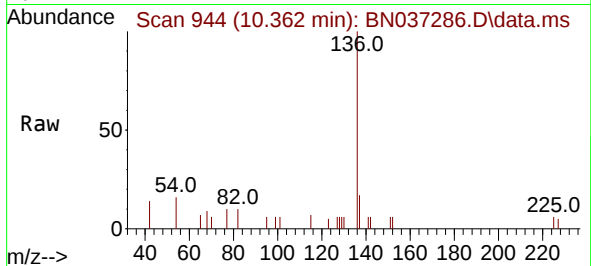




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.362 min Scan# 944  
Delta R.T. 0.000 min  
Lab File: BN037286.D  
Acq: 16 Jun 2025 11:39

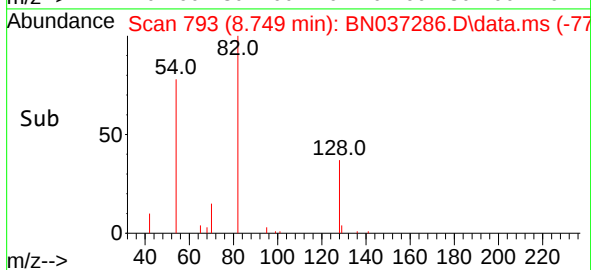
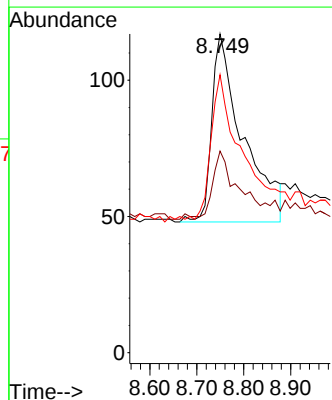
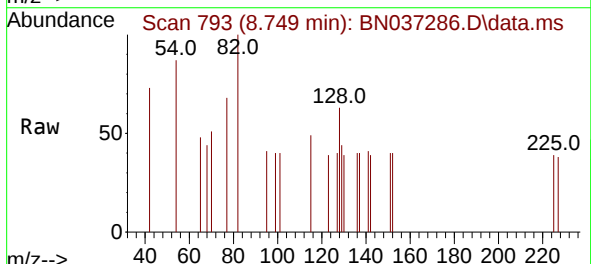
Instrument :  
BNA\_N  
ClientSampleId :  
RE134D3-20250610DL

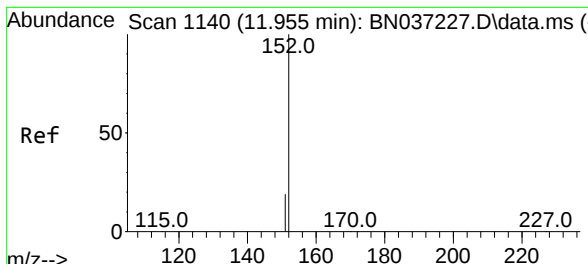
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 2314  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 16.9  | 10.6  | 15.8# |
| 54       | 16.2  | 9.2   | 13.8# |
| 68       | 9.3   | 5.4   | 8.0#  |



#8  
Nitrobenzene-d5  
Concen: 0.139 ng  
RT: 8.749 min Scan# 793  
Delta R.T. 0.022 min  
Lab File: BN037286.D  
Acq: 16 Jun 2025 11:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 318   |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 63.2  | 31.2  | 46.8# |
| 54       | 87.2  | 63.3  | 94.9  |

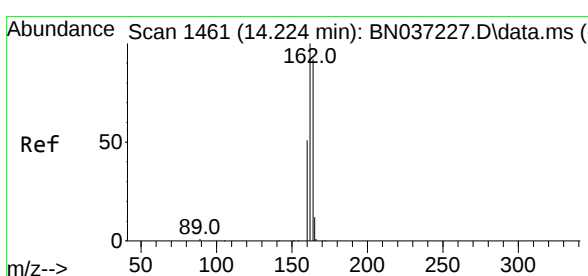
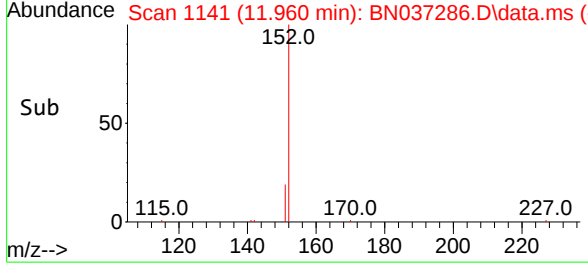
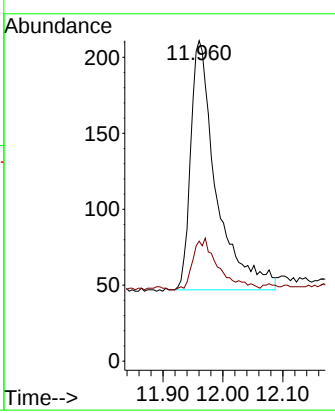
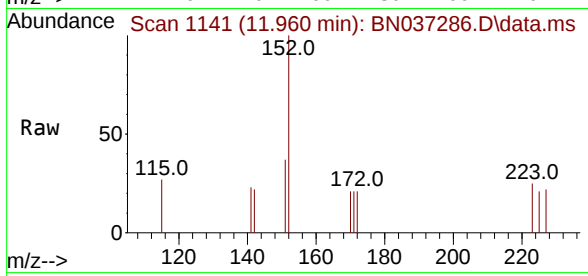




#11  
 2-Methylnaphthalene-d10  
 Concen: 0.157 ng  
 RT: 11.960 min Scan# 1141  
 Delta R.T. 0.005 min  
 Lab File: BN037286.D  
 Acq: 16 Jun 2025 11:39

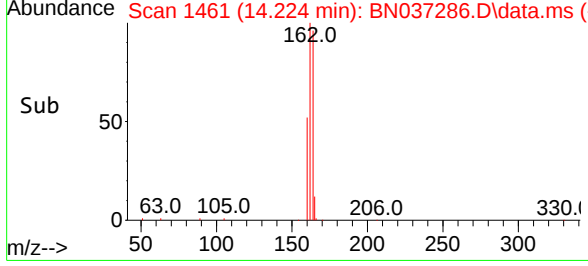
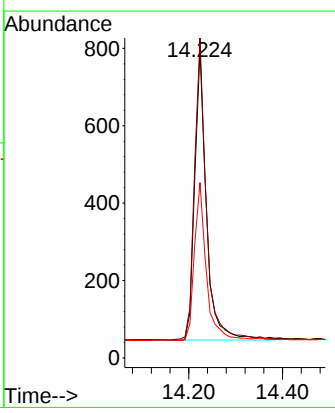
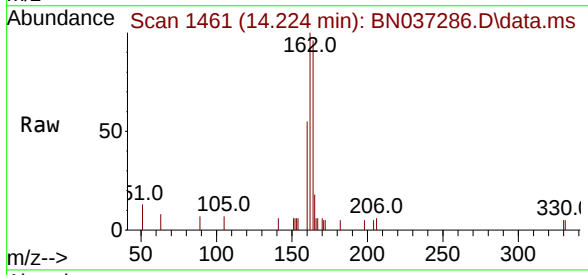
Instrument : BNA\_N  
 ClientSampleId : RE134D3-20250610DL

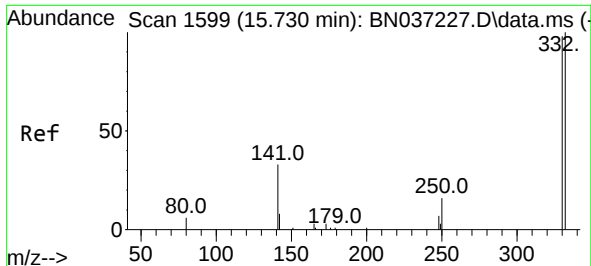
|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 152  | Resp: | 486   |
| Ion Ratio | 100  | Lower | Upper |
| 151       | 20.6 | 17.9  | 26.9  |



#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.224 min Scan# 1461  
 Delta R.T. 0.000 min  
 Lab File: BN037286.D  
 Acq: 16 Jun 2025 11:39

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 164   | Resp: | 1314  |
| Ion Ratio | 100   | Lower | Upper |
| 162       | 104.0 | 86.7  | 130.1 |
| 160       | 57.0  | 45.8  | 68.6  |

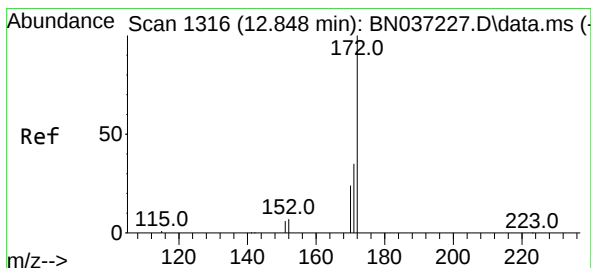
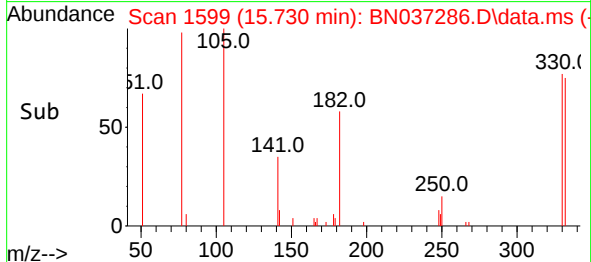
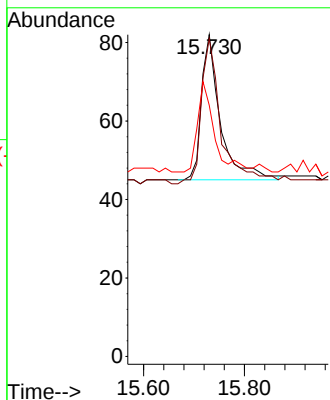
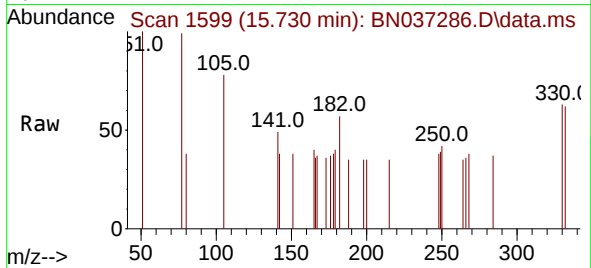




#14  
2,4,6-Tribromophenol  
Concen: 0.178 ng  
RT: 15.730 min Scan# 1599  
Delta R.T. 0.000 min  
Lab File: BN037286.D  
Acq: 16 Jun 2025 11:39

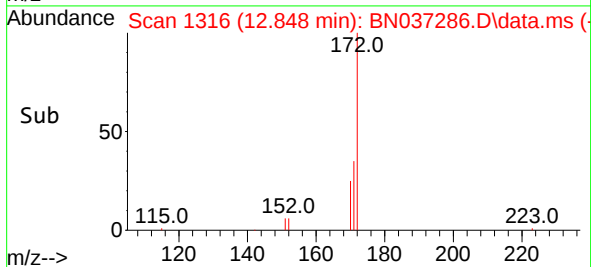
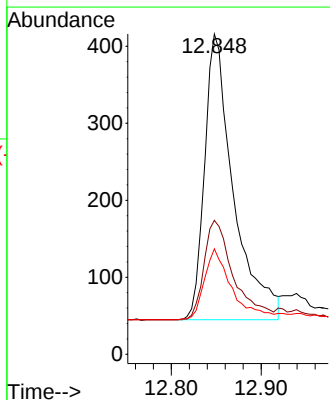
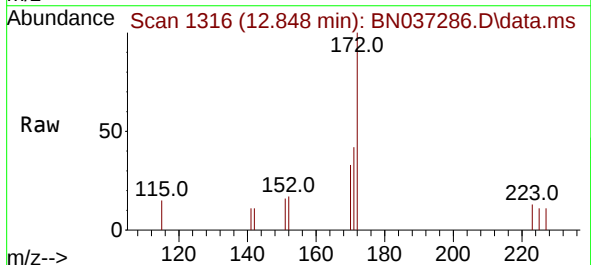
Instrument :  
BNA\_N  
ClientSampleId :  
RE134D3-20250610DL

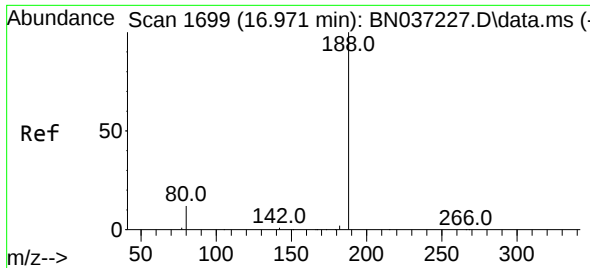
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|----------|-------|-------|-------|
| Tgt Ion: | 330   | Resp: | 97    |
| Ion      | Ratio | Lower | Upper |
| 330      | 100   |       |       |
| 332      | 106.2 | 74.9  | 112.3 |
| 141      | 55.7  | 45.1  | 67.7  |



#15  
2-Fluorobiphenyl  
Concen: 0.150 ng  
RT: 12.848 min Scan# 1316  
Delta R.T. 0.000 min  
Lab File: BN037286.D  
Acq: 16 Jun 2025 11:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 829   |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 41.8  | 29.8  | 44.8  |
| 170      | 32.9  | 21.1  | 31.7  |

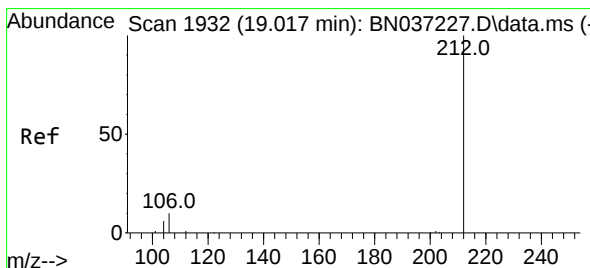
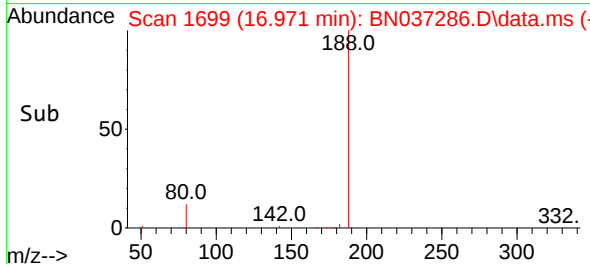
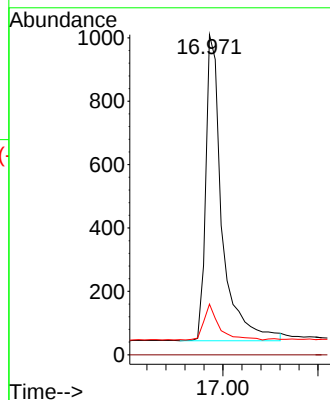
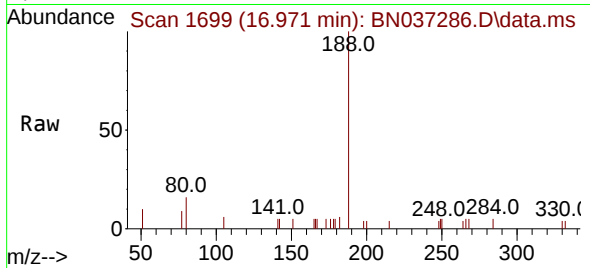




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.971 min Scan# 1699  
Delta R.T. 0.000 min  
Lab File: BN037286.D  
Acq: 16 Jun 2025 11:39

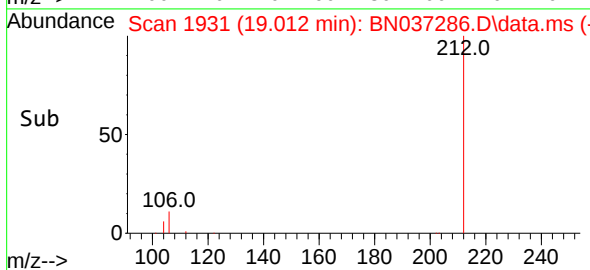
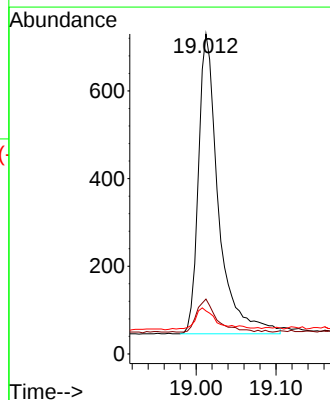
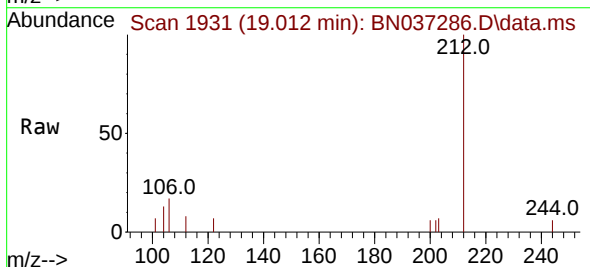
Instrument :  
BNA\_N  
ClientSampleId :  
RE134D3-20250610DL

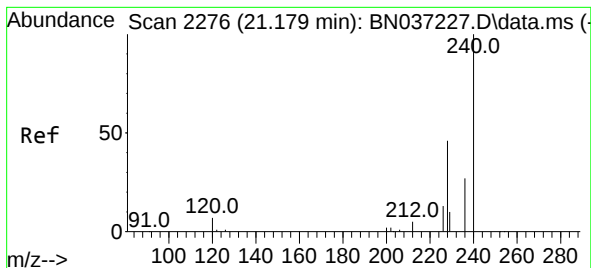
Tgt Ion:188 Resp: 2315  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 15.8 12.2 18.4



#27  
Fluoranthene-d10  
Concen: 0.196 ng  
RT: 19.012 min Scan# 1931  
Delta R.T. -0.004 min  
Lab File: BN037286.D  
Acq: 16 Jun 2025 11:39

Tgt Ion:212 Resp: 1190  
Ion Ratio Lower Upper  
212 100  
106 11.0 9.3 13.9  
104 8.1 5.7 8.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.180 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN037286.D

Acq: 16 Jun 2025 11:39

Instrument :

BNA\_N

ClientSampleId :

RE134D3-20250610DL

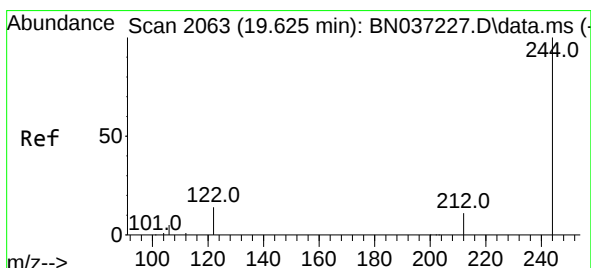
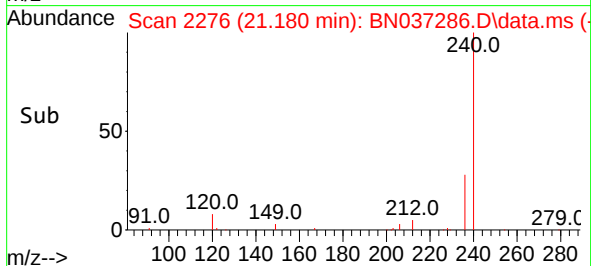
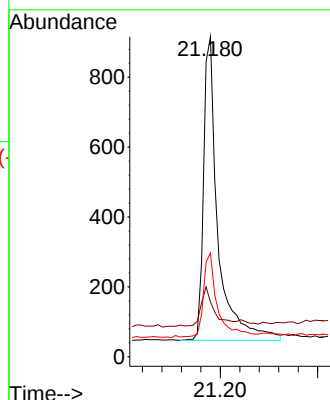
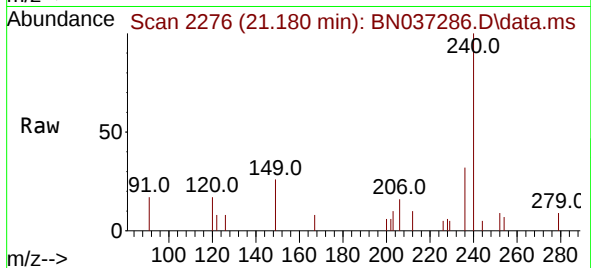
Tgt Ion:240 Resp: 1782

Ion Ratio Lower Upper

240 100

120 17.1 11.3 16.9#

236 32.4 24.4 36.6



#31

Terphenyl-d14

Concen: 0.220 ng

RT: 19.621 min Scan# 2062

Delta R.T. -0.004 min

Lab File: BN037286.D

Acq: 16 Jun 2025 11:39

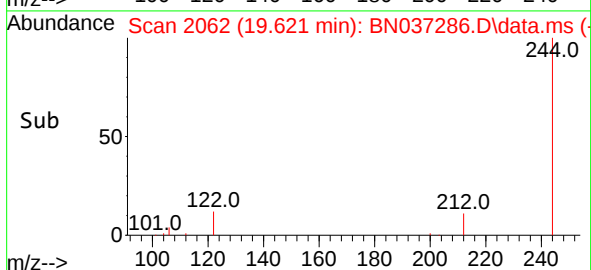
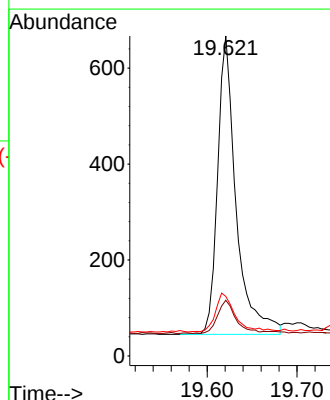
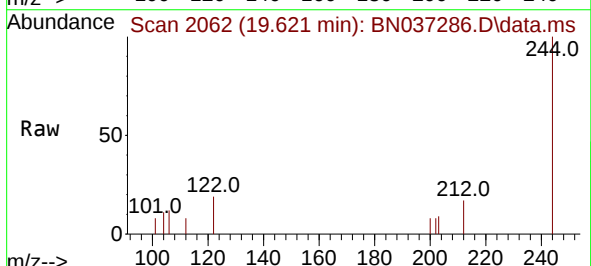
Tgt Ion:244 Resp: 886

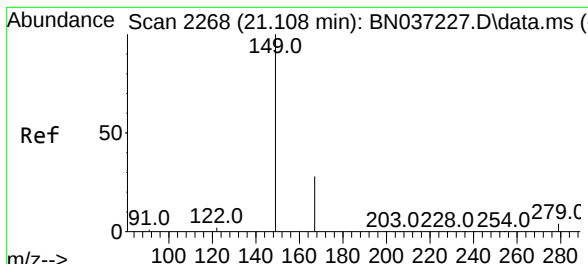
Ion Ratio Lower Upper

244 100

212 17.4 12.2 18.2

122 18.6 14.3 21.5



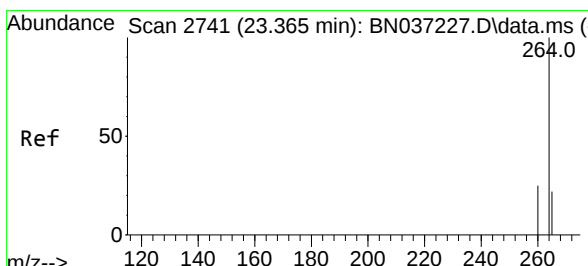
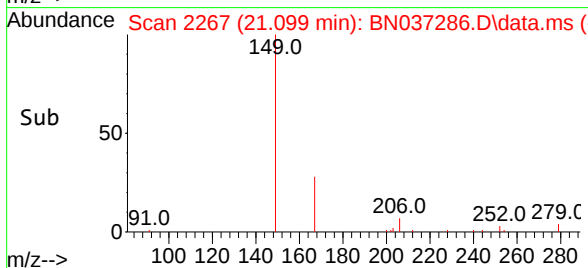
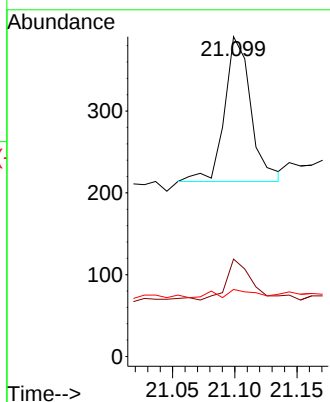
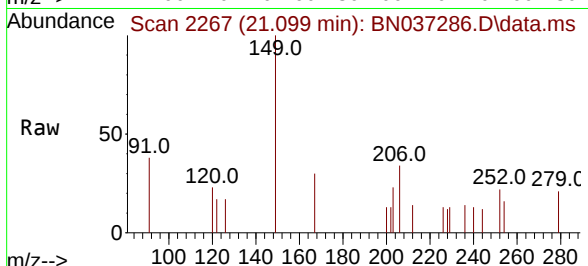


#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.058 ng  
RT: 21.099 min Scan# 2109  
Delta R.T. -0.009 min  
Lab File: BN037286.D  
Acq: 16 Jun 2025 11:39

Instrument :  
BNA\_N  
ClientSampleId :  
RE134D3-20250610DL

Tgt Ion:149 Resp: 260

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 28.5  | 21.3  | 31.9  |
| 279 | 6.9   | 3.3   | 4.9#  |



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.360 min Scan# 2739  
Delta R.T. -0.006 min  
Lab File: BN037286.D  
Acq: 16 Jun 2025 11:39

Tgt Ion:264 Resp: 1749

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 29.0  | 22.8  | 34.2  |
| 265 | 91.4  | 66.4  | 99.6  |

