

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051925\  
 Data File : BN037042.D  
 Acq On : 19 May 2025 13:14  
 Operator : RC/JU  
 Sample : Q2064-03  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW8-SP301-70-20250514

Quant Time: May 19 13:51:40 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

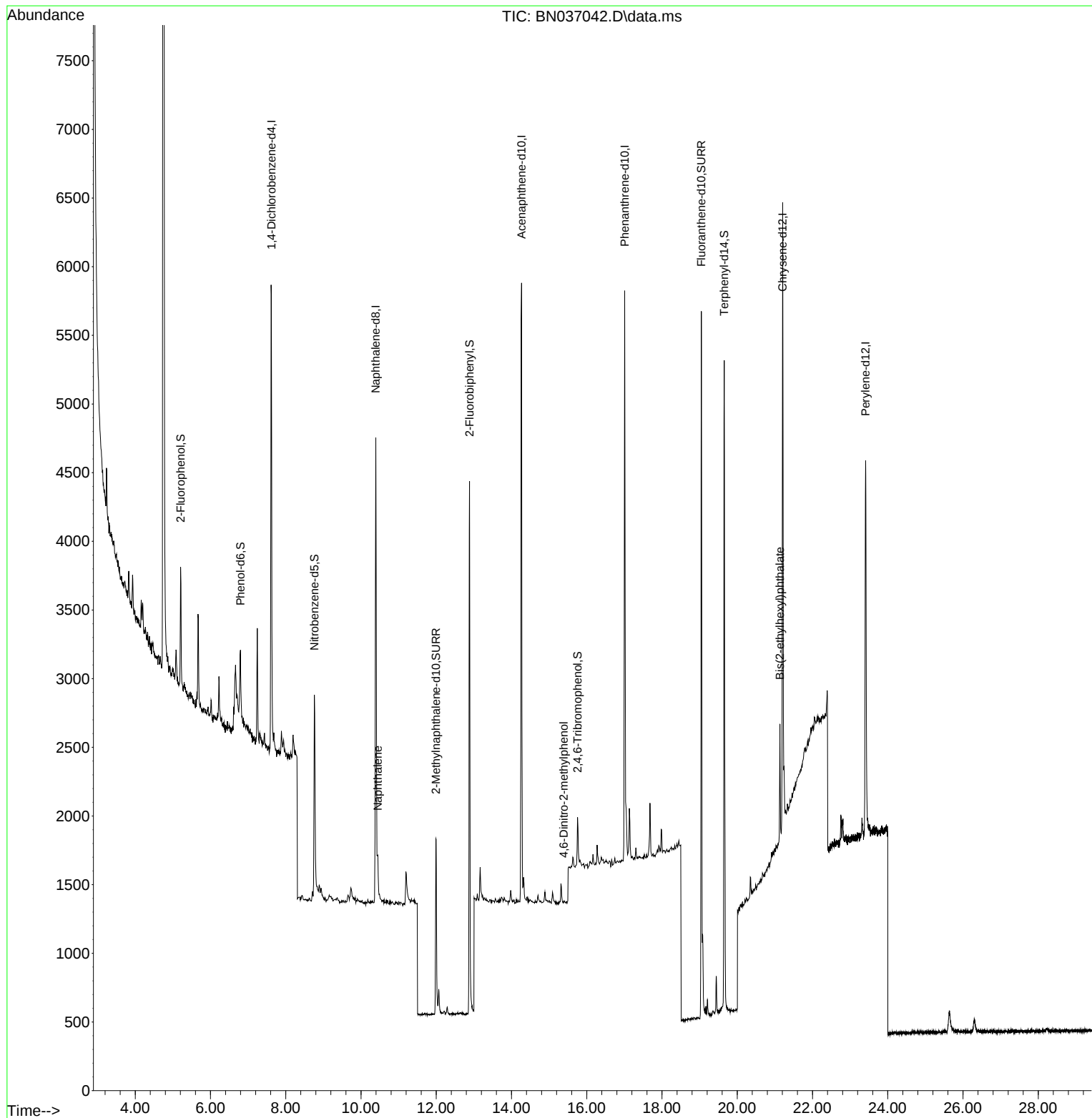
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.618  | 152  | 1782     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.394 | 136  | 4662     | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.267 | 164  | 2793     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.009 | 188  | 5609     | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.207 | 240  | 4274     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.412 | 264  | 3800     | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.206  | 112  | 614      | 0.132 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.795  | 99   | 434      | 0.074 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.760  | 82   | 1490     | 0.294 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 11.991 | 152  | 2028     | 0.309 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.755 | 330  | 232      | 0.189 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 12.883 | 172  | 3751     | 0.293 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.045 | 212  | 5803     | 0.377 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.653 | 244  | 4410     | 0.482 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 9) Naphthalene                | 10.447 | 128  | 385      | 0.028 | ng    | # 63     |
| 20) 4,6-Dinitro-2-methylph... | 15.389 | 198  | 1        | 0.025 | ng    | # 1      |
| 34) Bis(2-ethylhexyl)phtha... | 21.135 | 149  | 766      | 0.077 | ng    | # 95     |
| -----                         |        |      |          |       |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051925\  
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ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
RW8-SP301-70-20250514

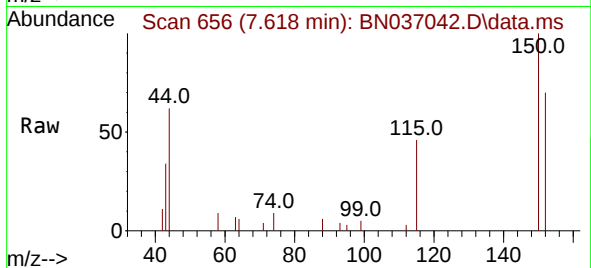
Quant Time: May 19 13:51:40 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN051425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 14 11:26:32 2025  
Response via : Initial Calibration



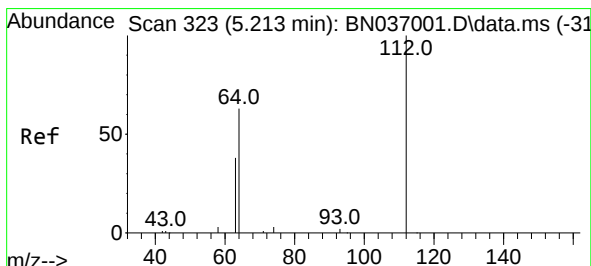
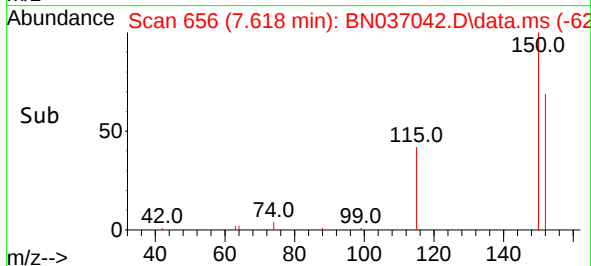
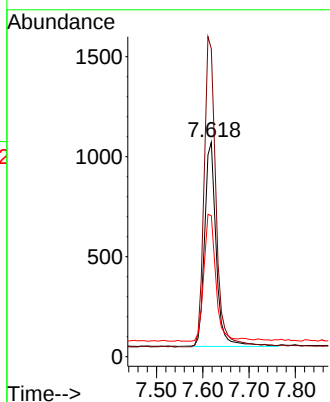


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.618 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BN037042.D  
Acq: 19 May 2025 13:14

Instrument :  
BNA\_N  
ClientSampleId :  
RW8-SP301-70-20250514

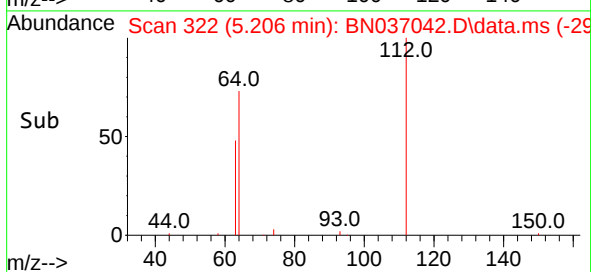
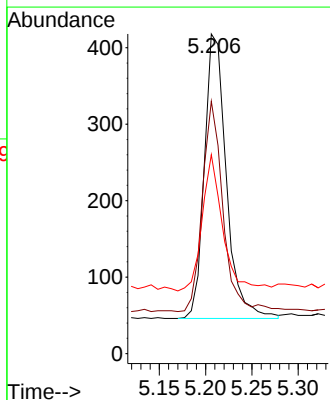
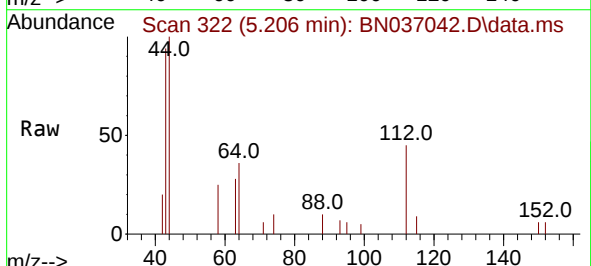


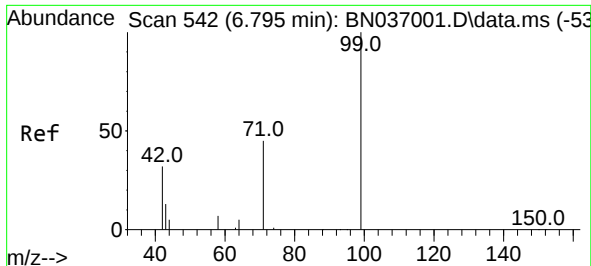
Tgt Ion:152 Resp: 1782  
Ion Ratio Lower Upper  
152 100  
150 143.6 123.9 185.9  
115 65.8 55.8 83.8



#4  
2-Fluorophenol  
Concen: 0.132 ng  
RT: 5.206 min Scan# 322  
Delta R.T. -0.007 min  
Lab File: BN037042.D  
Acq: 19 May 2025 13:14

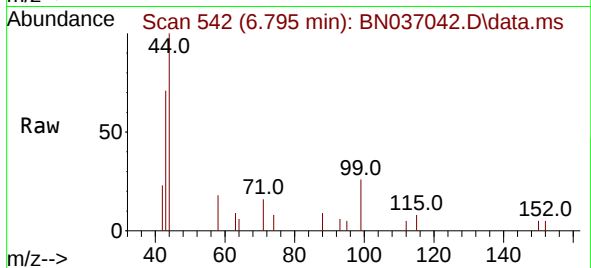
Tgt Ion:112 Resp: 614  
Ion Ratio Lower Upper  
112 100  
64 70.2 55.7 83.5  
63 45.0 34.6 51.8



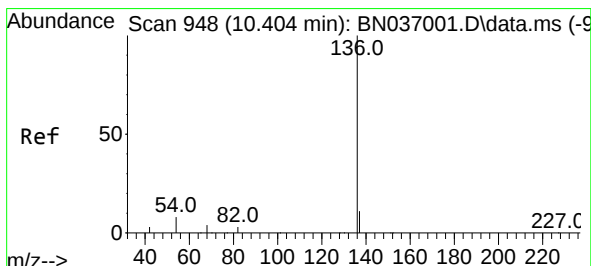
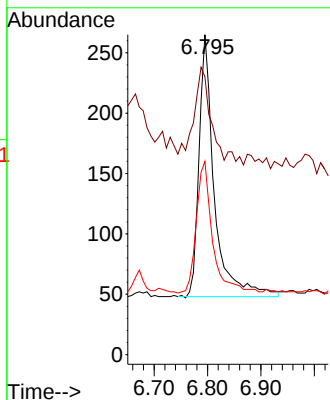
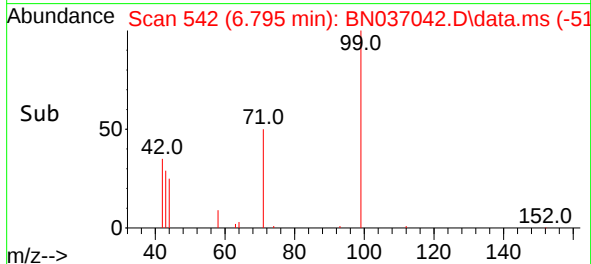


#5  
Phenol-d6  
Concen: 0.074 ng  
RT: 6.795 min Scan# 541  
Delta R.T. 0.000 min  
Lab File: BN037042.D  
Acq: 19 May 2025 13:14

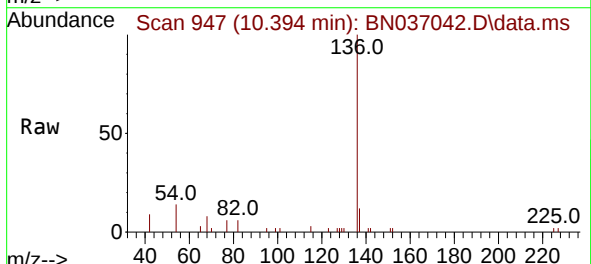
Instrument :  
BNA\_N  
ClientSampleId :  
RW8-SP301-70-20250514



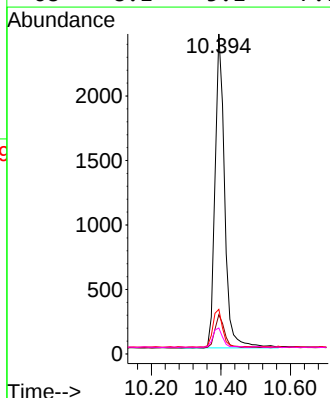
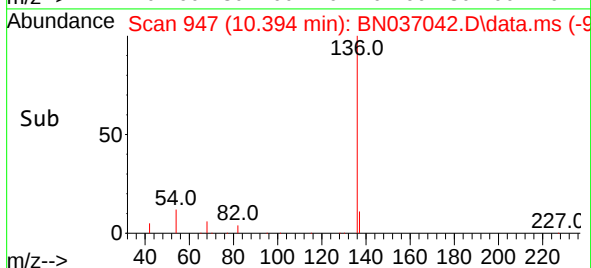
Tgt Ion: 99 Resp: 434  
Ion Ratio Lower Upper  
99 100  
42 36.9 29.3 43.9  
71 53.2 35.7 53.5

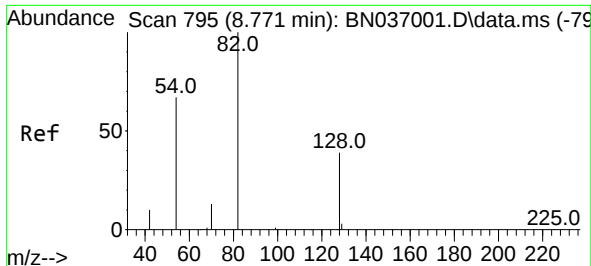


#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.394 min Scan# 947  
Delta R.T. -0.010 min  
Lab File: BN037042.D  
Acq: 19 May 2025 13:14



Tgt Ion: 136 Resp: 4662  
Ion Ratio Lower Upper  
136 100  
137 12.3 10.4 15.6  
54 14.0 8.5 12.7#  
68 8.1 5.1 7.7#

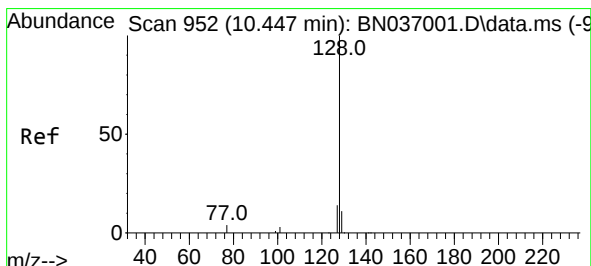
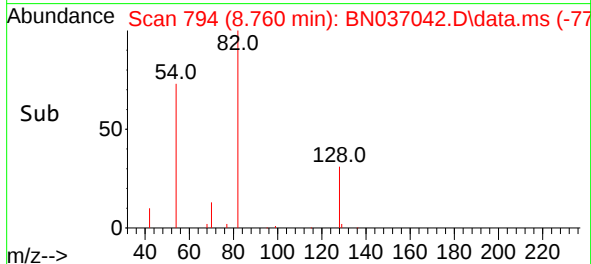
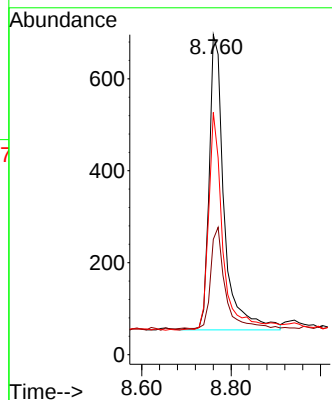
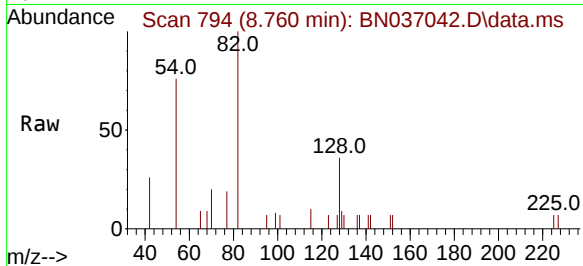




#8  
Nitrobenzene-d5  
Concen: 0.294 ng  
RT: 8.760 min Scan# 794  
Delta R.T. -0.010 min  
Lab File: BN037042.D  
Acq: 19 May 2025 13:14

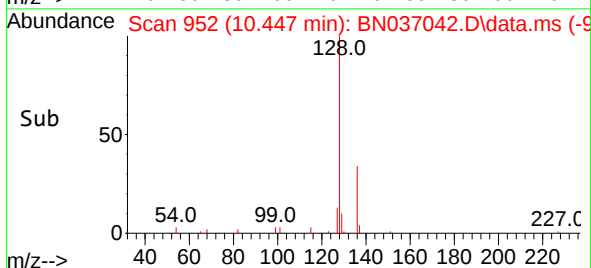
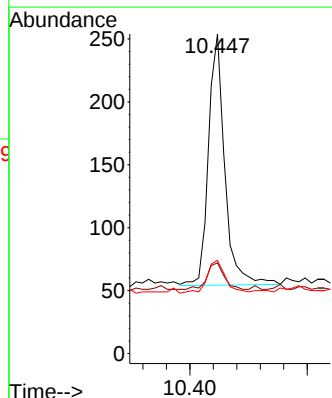
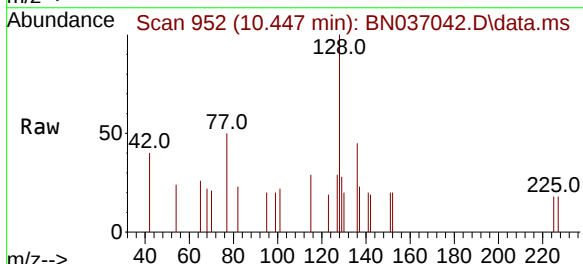
Instrument :  
BNA\_N  
ClientSampleId :  
RW8-SP301-70-20250514

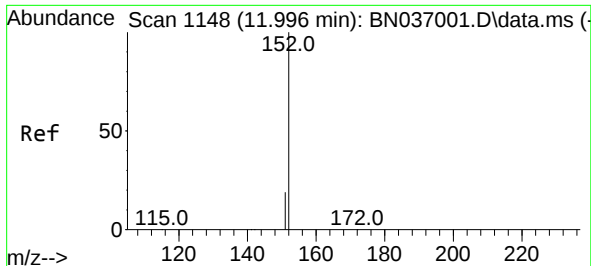
Tgt Ion: 82 Resp: 1490  
Ion Ratio Lower Upper  
82 100  
128 36.1 34.0 51.0  
54 75.7 55.0 82.4



#9  
Naphthalene  
Concen: 0.028 ng  
RT: 10.447 min Scan# 952  
Delta R.T. 0.000 min  
Lab File: BN037042.D  
Acq: 19 May 2025 13:14

Tgt Ion: 128 Resp: 385  
Ion Ratio Lower Upper  
128 100  
129 28.3 9.7 14.5#  
127 29.1 12.4 18.6#

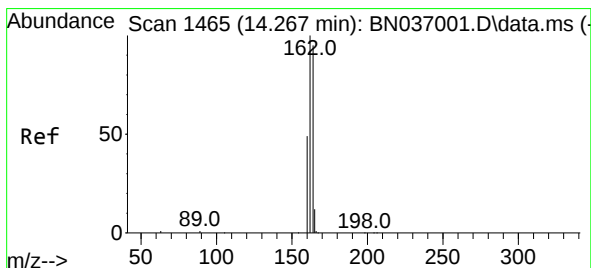
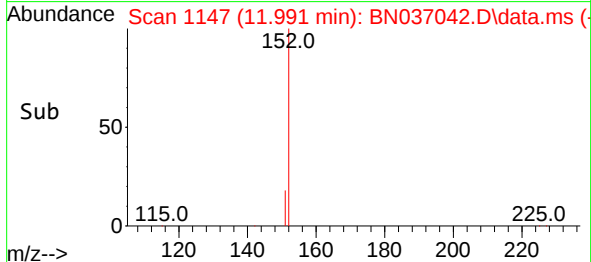
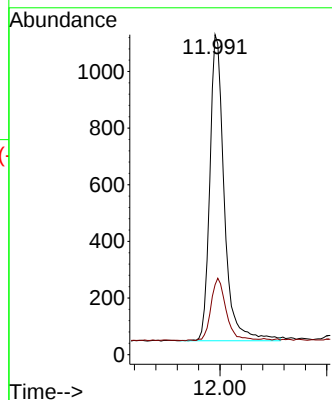
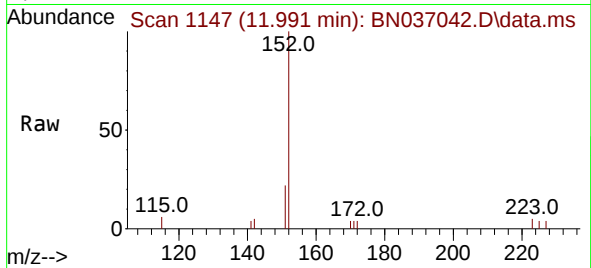




#11  
2-Methylnaphthalene-d10  
Concen: 0.309 ng  
RT: 11.991 min Scan# 1147  
Delta R.T. -0.005 min  
Lab File: BN037042.D  
Acq: 19 May 2025 13:14

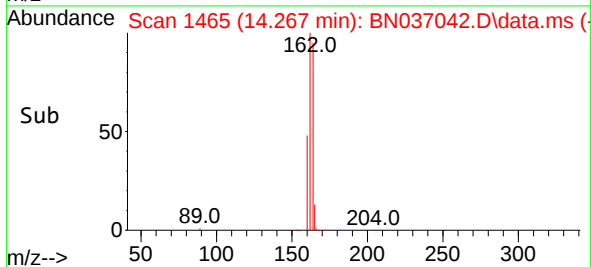
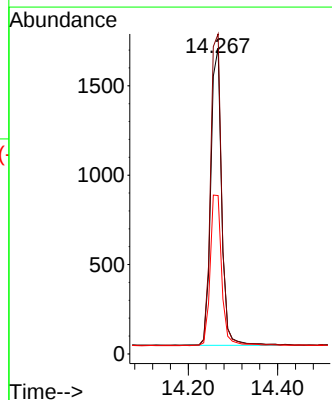
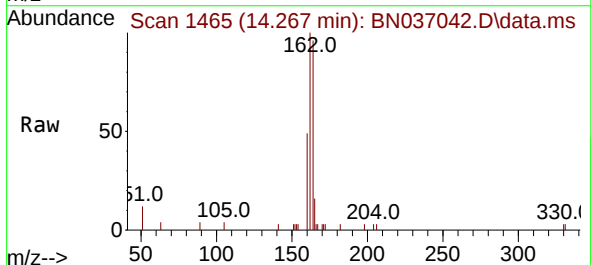
Instrument :  
BNA\_N  
ClientSampleId :  
RW8-SP301-70-20250514

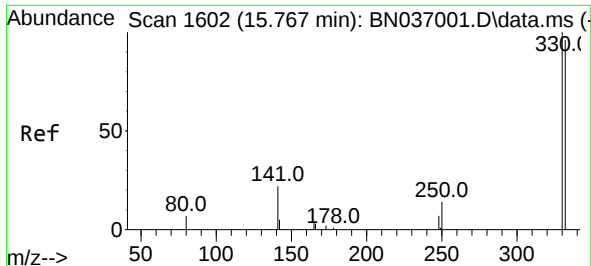
Tgt Ion:152 Resp: 2028  
Ion Ratio Lower Upper  
152 100  
151 21.4 17.5 26.3



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.267 min Scan# 1465  
Delta R.T. 0.000 min  
Lab File: BN037042.D  
Acq: 19 May 2025 13:14

Tgt Ion:164 Resp: 2793  
Ion Ratio Lower Upper  
164 100  
162 104.6 84.2 126.4  
160 51.8 42.6 63.8

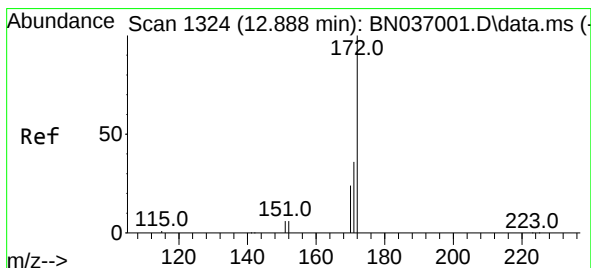
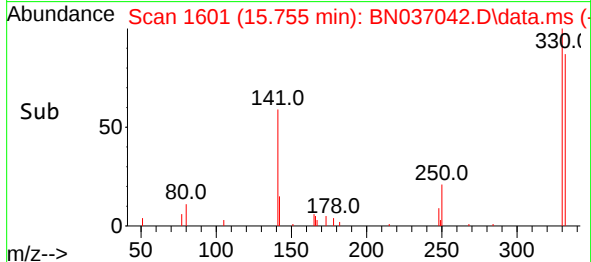
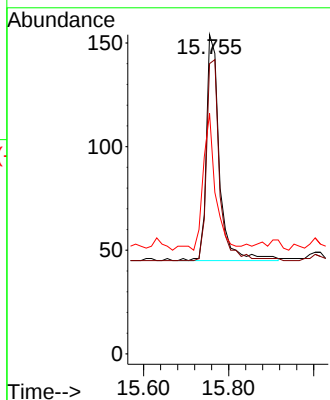
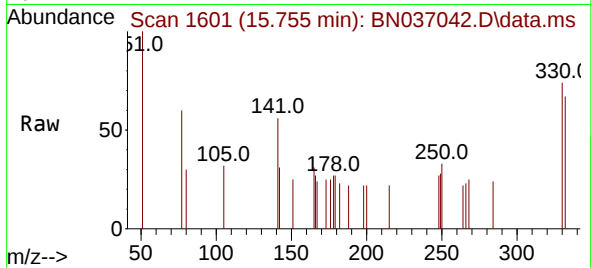




#14  
2,4,6-Tribromophenol  
Concen: 0.189 ng  
RT: 15.755 min Scan# 1601  
Delta R.T. -0.012 min  
Lab File: BN037042.D  
Acq: 19 May 2025 13:14

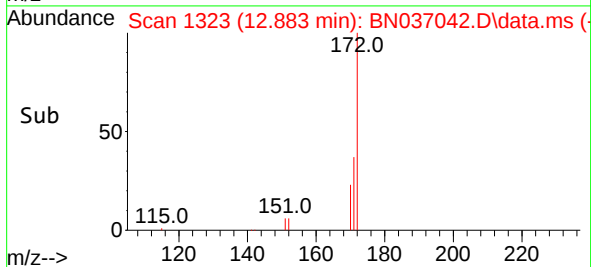
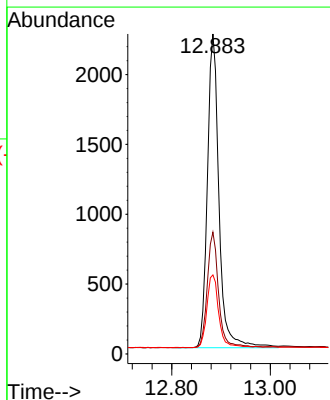
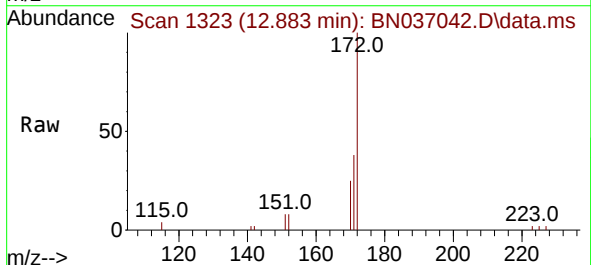
Instrument :  
BNA\_N  
ClientSampleId :  
RW8-SP301-70-20250514

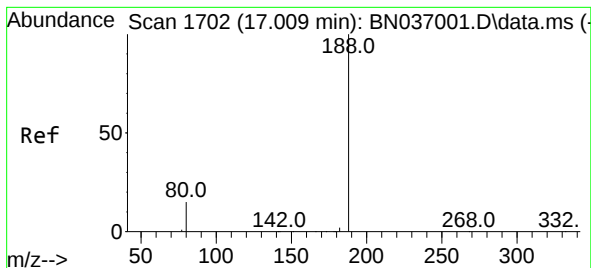
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 330   | Resp: | 232   |
| Ion Ratio | Lower | Upper |       |
| 330       | 100   |       |       |
| 332       | 88.8  | 73.8  | 110.8 |
| 141       | 59.5  | 43.9  | 65.9  |



#15  
2-Fluorobiphenyl  
Concen: 0.293 ng  
RT: 12.883 min Scan# 1323  
Delta R.T. -0.005 min  
Lab File: BN037042.D  
Acq: 19 May 2025 13:14

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 172   | Resp: | 3751 |
| Ion Ratio | Lower | Upper |      |
| 172       | 100   |       |      |
| 171       | 38.1  | 29.2  | 43.8 |
| 170       | 24.7  | 20.5  | 30.7 |





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.009 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN037042.D

Acq: 19 May 2025 13:14

Instrument :

BNA\_N

ClientSampleId :

RW8-SP301-70-20250514

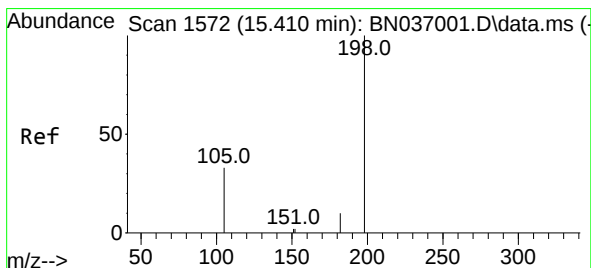
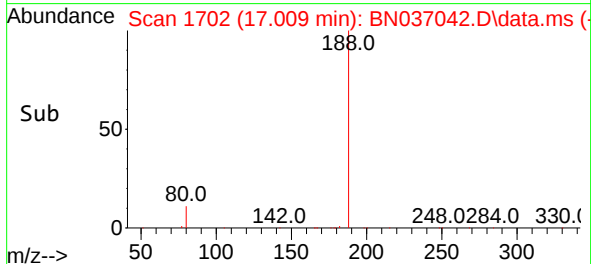
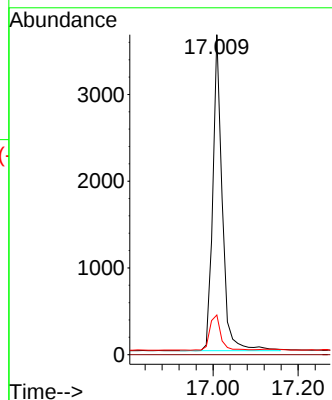
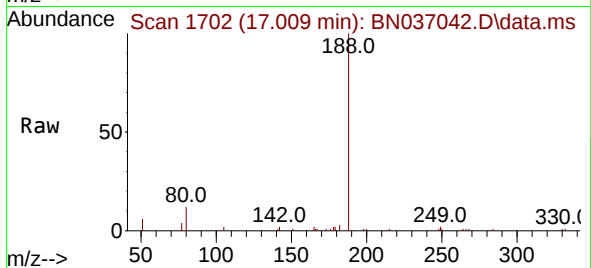
Tgt Ion:188 Resp: 5609

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.4 13.4 20.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.025 ng

RT: 15.389 min Scan# 1570

Delta R.T. -0.021 min

Lab File: BN037042.D

Acq: 19 May 2025 13:14

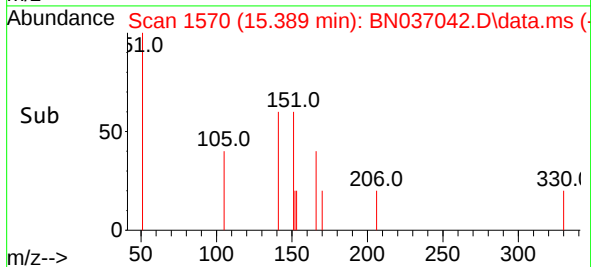
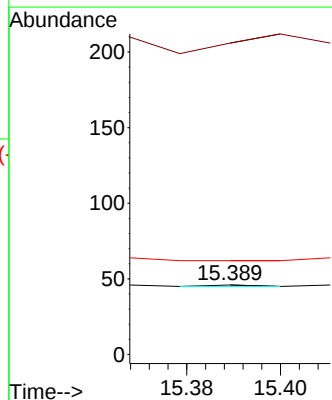
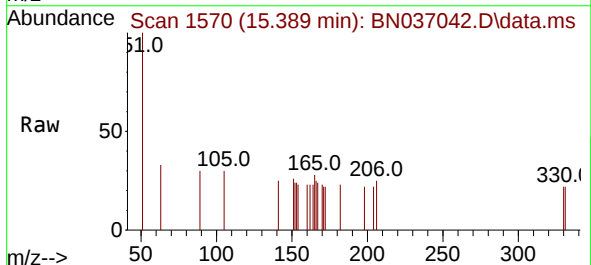
Tgt Ion:198 Resp: 1

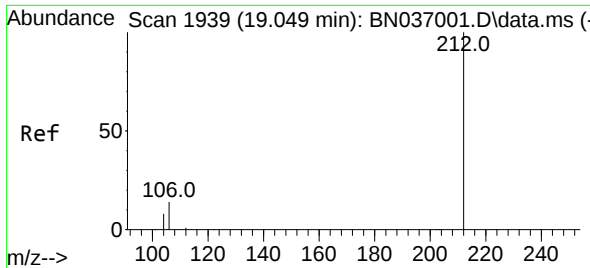
Ion Ratio Lower Upper

198 100

51 447.8 87.8 131.6#

105 134.8 44.2 66.4#

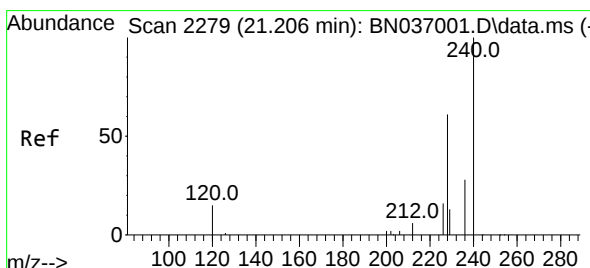
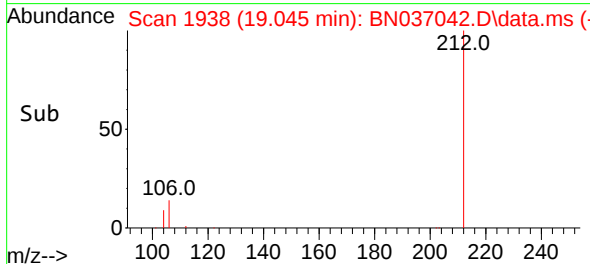
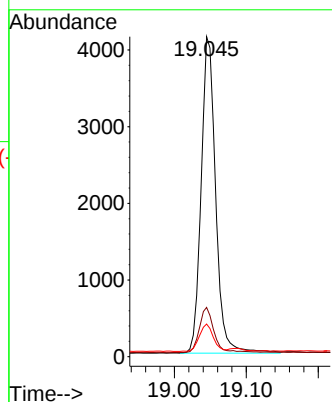
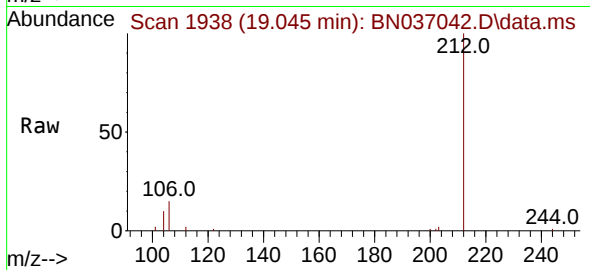




#27  
Fluoranthene-d10  
Concen: 0.377 ng  
RT: 19.045 min Scan# 1938  
Delta R.T. -0.004 min  
Lab File: BN037042.D  
Acq: 19 May 2025 13:14

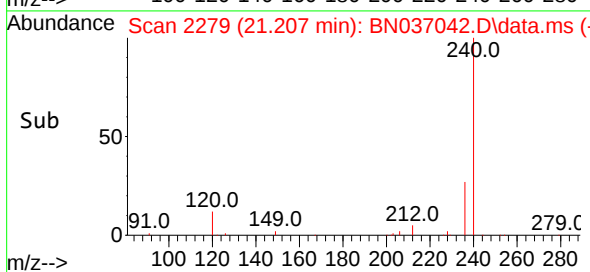
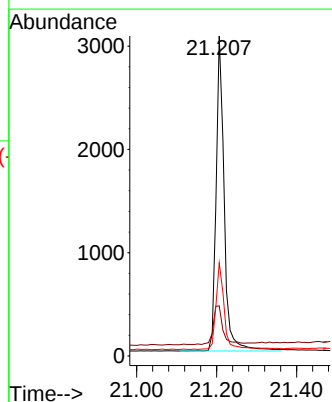
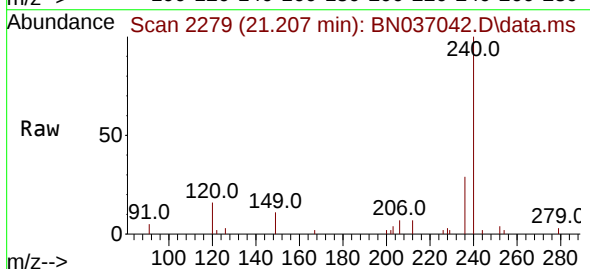
Instrument :  
BNA\_N  
ClientSampleId :  
RW8-SP301-70-20250514

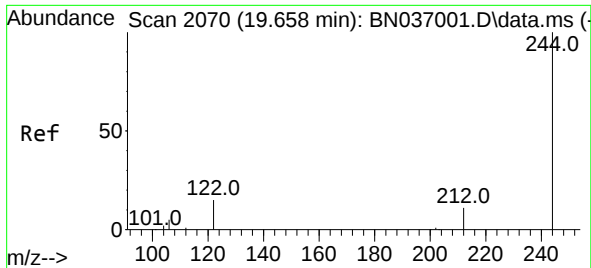
Tgt Ion:212 Resp: 5803  
Ion Ratio Lower Upper  
212 100  
106 14.5 11.3 16.9  
104 8.3 6.7 10.1



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.207 min Scan# 2279  
Delta R.T. 0.000 min  
Lab File: BN037042.D  
Acq: 19 May 2025 13:14

Tgt Ion:240 Resp: 4274  
Ion Ratio Lower Upper  
240 100  
120 15.7 15.1 22.7  
236 29.1 24.0 36.0

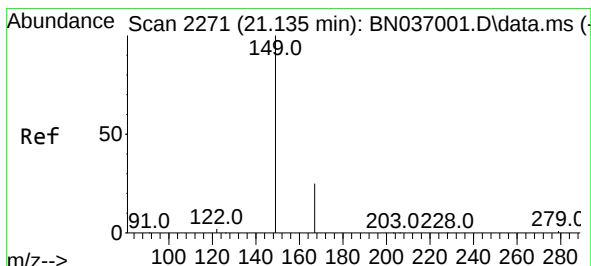
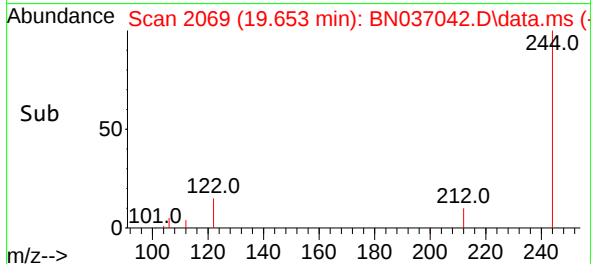
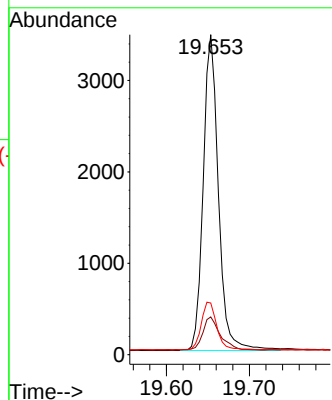
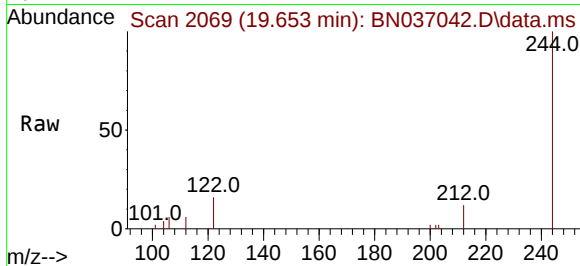




#31  
 Terphenyl-d14  
 Concen: 0.482 ng  
 RT: 19.653 min Scan# 2070  
 Delta R.T. -0.004 min  
 Lab File: BN037042.D  
 Acq: 19 May 2025 13:14

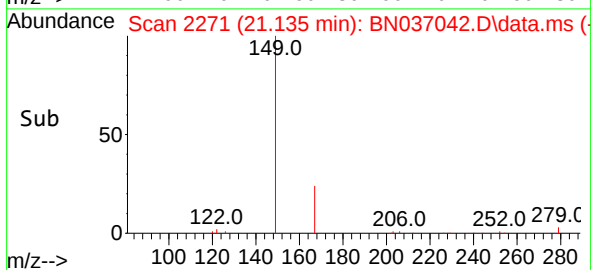
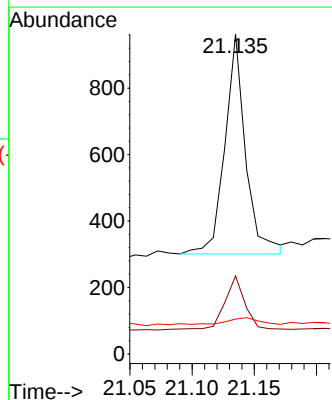
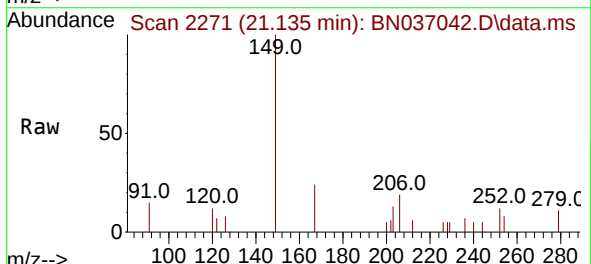
Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW8-SP301-70-20250514

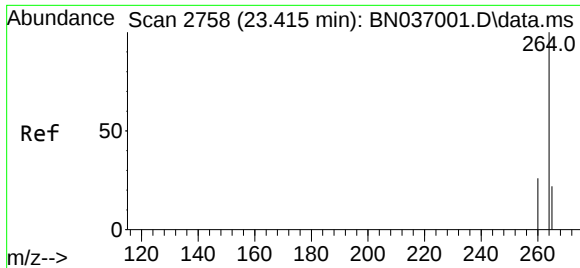
Tgt Ion:244 Resp: 4410  
 Ion Ratio Lower Upper  
 244 100  
 212 11.8 9.7 14.5  
 122 16.1 13.4 20.0



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.077 ng  
 RT: 21.135 min Scan# 2271  
 Delta R.T. 0.000 min  
 Lab File: BN037042.D  
 Acq: 19 May 2025 13:14

Tgt Ion:149 Resp: 766  
 Ion Ratio Lower Upper  
 149 100  
 167 23.0 20.6 30.8  
 279 5.1 2.6 3.8#





#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.412 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BN037042.D  
Acq: 19 May 2025 13:14

Instrument :  
BNA\_N  
ClientSampleId :  
RW8-SP301-70-20250514

Tgt Ion:264 Resp: 3800

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 27.8  | 21.9  | 32.9  |
| 265 | 72.9  | 51.6  | 77.4  |

