

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082825\  
 Data File : BN037649.D  
 Acq On : 28 Aug 2025 10:05  
 Operator : RC/JU  
 Sample : PB169421BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB169421BL

Quant Time: Aug 28 11:49:21 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 13 05:00:58 2025  
 Response via : Initial Calibration

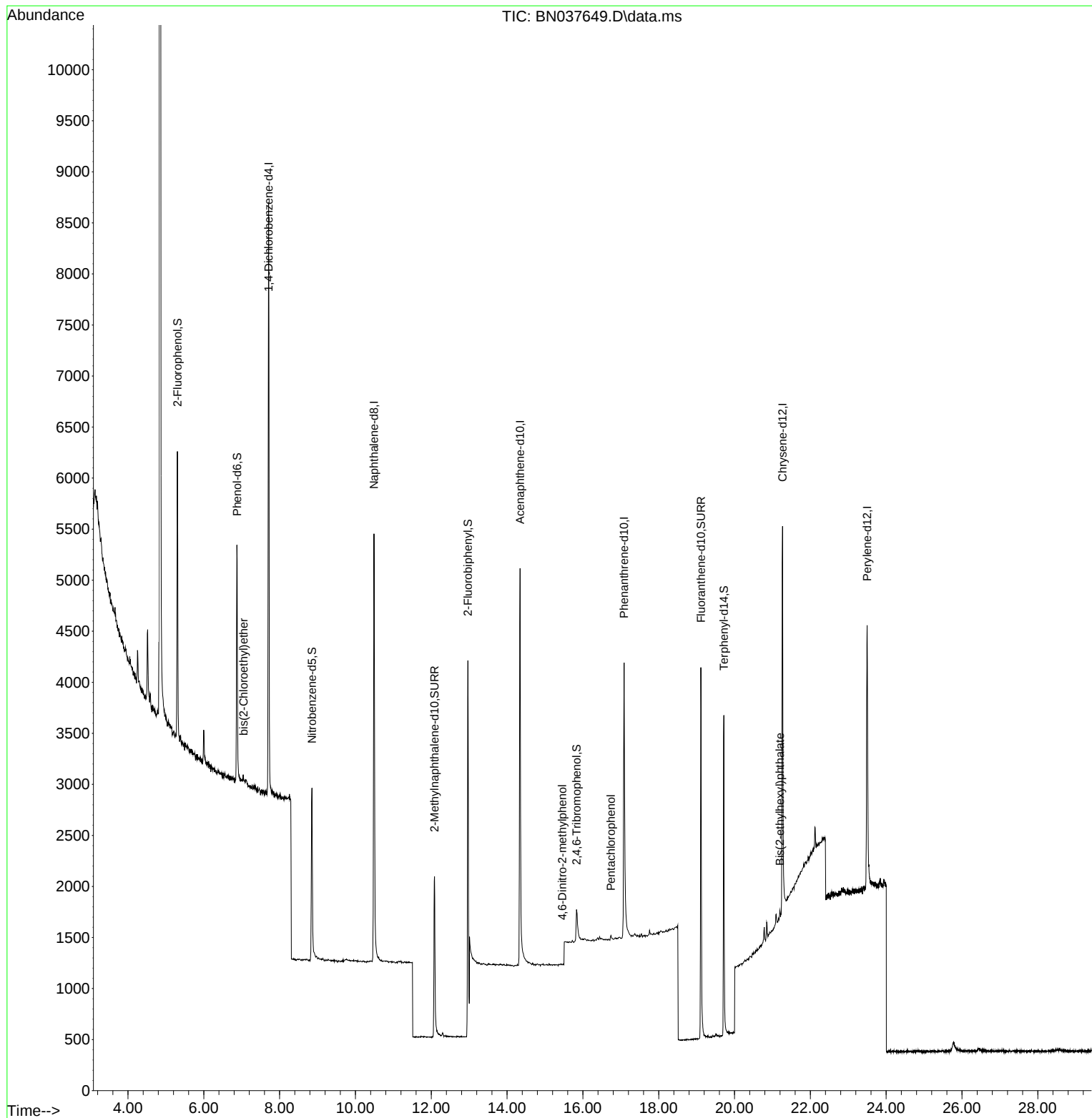
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.710  | 152  | 2813     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.487 | 136  | 6247     | 0.400 | ng    | -0.01    |
| 13) Acenaphthene-d10          | 14.345 | 164  | 2646     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.086 | 188  | 5175     | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.268 | 240  | 4266     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.499 | 264  | 3908     | 0.400 | ng    | # 0.00   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.305  | 112  | 2165     | 0.339 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.879  | 99   | 2295     | 0.299 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.854  | 82   | 1614     | 0.367 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.085 | 152  | 2677     | 0.315 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.833 | 330  | 337      | 0.291 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.968 | 172  | 5487     | 0.359 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.113 | 212  | 4486     | 0.330 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.717 | 244  | 3337     | 0.380 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 6) bis(2-Chloroethyl)ether    | 7.045  | 93   | 150      | 0.022 | ng    | # 22     |
| 20) 4,6-Dinitro-2-methylph... | 15.457 | 198  | 1        | 0.182 | ng    | # 1      |
| 24) Pentachlorophenol         | 16.739 | 266  | 41       | 0.025 | ng    | # 82     |
| 34) Bis(2-ethylhexyl)phtha... | 21.196 | 149  | 128      | 0.022 | ng    | # 94     |
| -----                         |        |      |          |       |       |          |

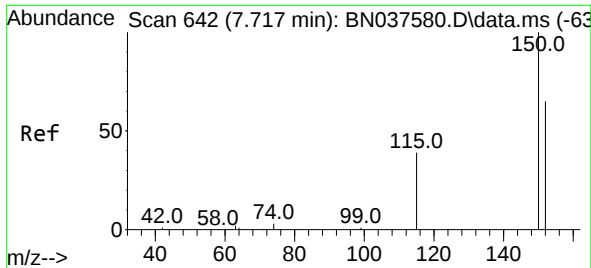
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082825\  
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ALS Vial : 3 Sample Multiplier: 1

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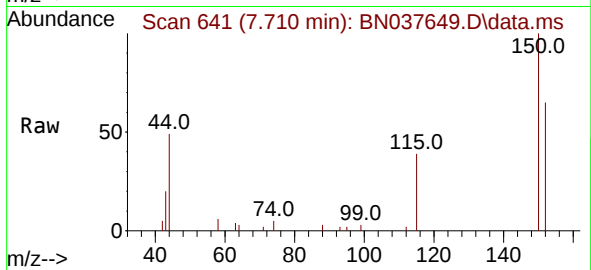
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Aug 13 05:00:58 2025  
Response via : Initial Calibration





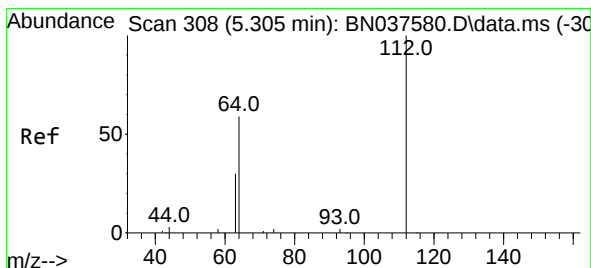
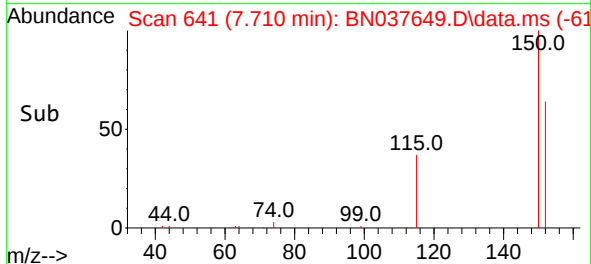
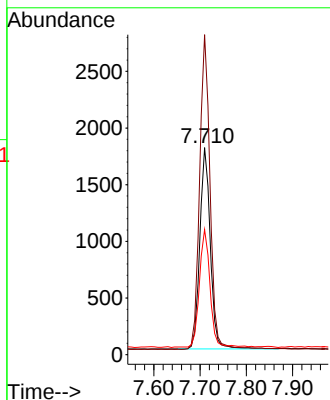
#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.710 min Scan# 641  
Delta R.T. -0.007 min  
Lab File: BN037649.D  
Acq: 28 Aug 2025 10:05

Instrument :  
BNA\_N  
ClientSampleId :  
PB169421BL



Tgt Ion:152 Resp: 2813

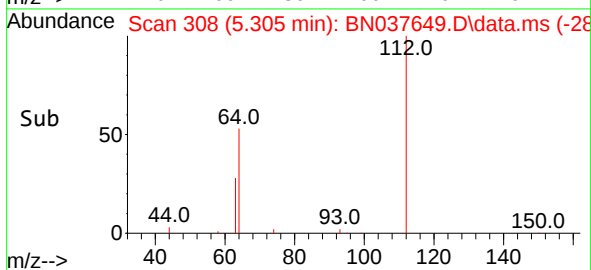
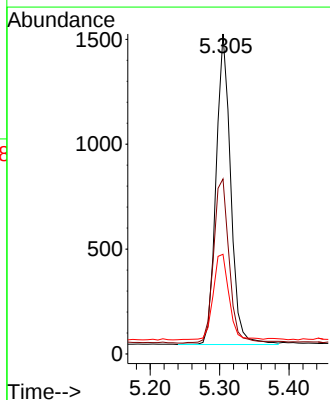
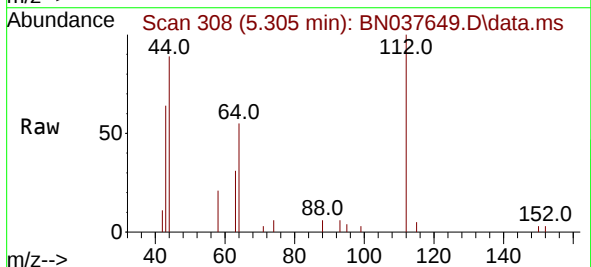
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 150 | 154.6 | 122.2 | 183.4 |
| 115 | 60.4  | 49.8  | 74.6  |

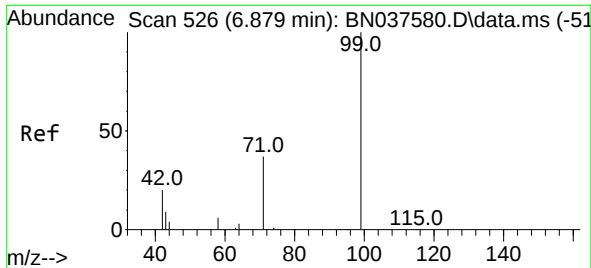


#4  
2-Fluorophenol  
Concen: 0.339 ng  
RT: 5.305 min Scan# 308  
Delta R.T. 0.000 min  
Lab File: BN037649.D  
Acq: 28 Aug 2025 10:05

Tgt Ion:112 Resp: 2165

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 112 | 100   |       |       |
| 64  | 57.0  | 44.9  | 67.3  |
| 63  | 29.8  | 23.4  | 35.2  |

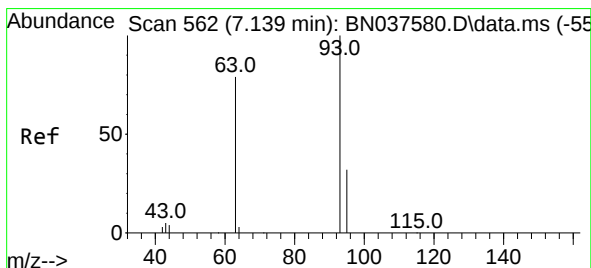
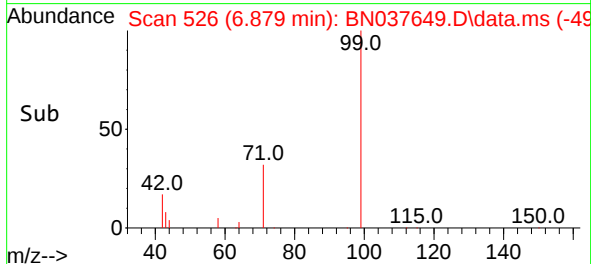
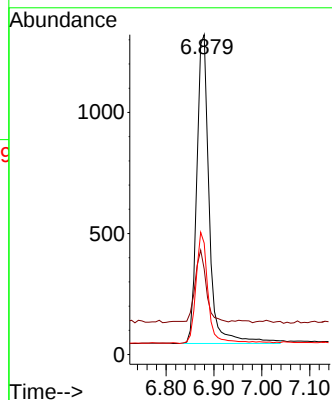
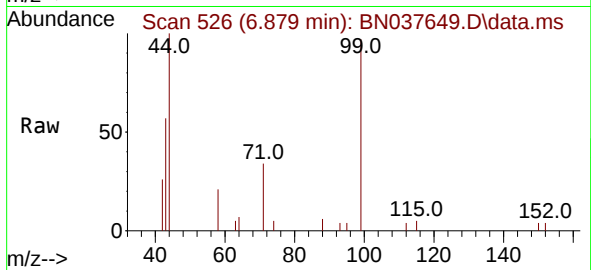




#5  
Phenol-d6  
Concen: 0.299 ng  
RT: 6.879 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: BN037649.D  
Acq: 28 Aug 2025 10:05

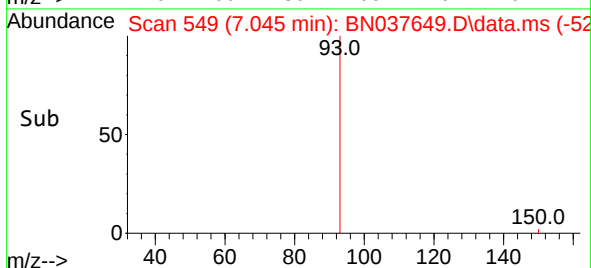
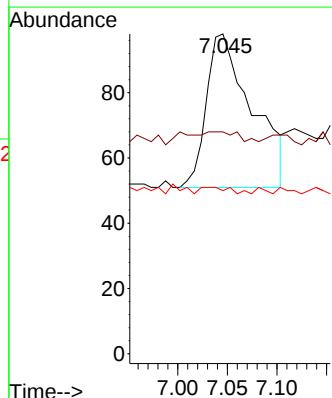
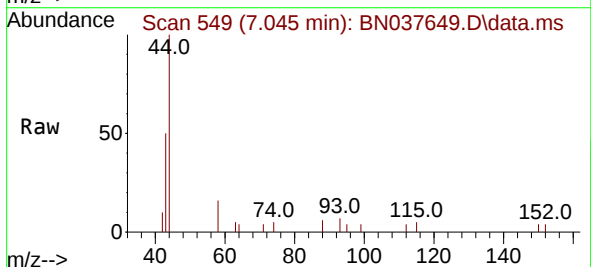
Instrument :  
BNA\_N  
ClientSampleId :  
PB169421BL

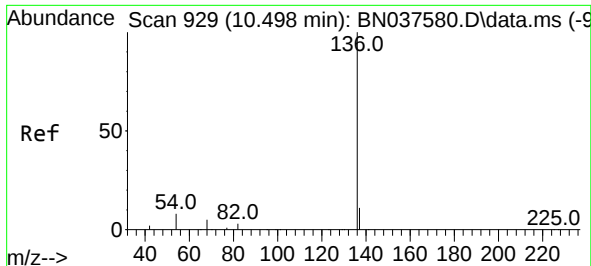
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 2295  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 22.2  | 18.5  | 27.7  |
| 71       | 34.7  | 28.6  | 42.8  |



#6  
bis(2-Chloroethyl)ether  
Concen: 0.022 ng  
RT: 7.045 min Scan# 549  
Delta R.T. -0.094 min  
Lab File: BN037649.D  
Acq: 28 Aug 2025 10:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 150   |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 0.0   | 58.0  | 87.0# |
| 95       | 0.0   | 24.9  | 37.3# |

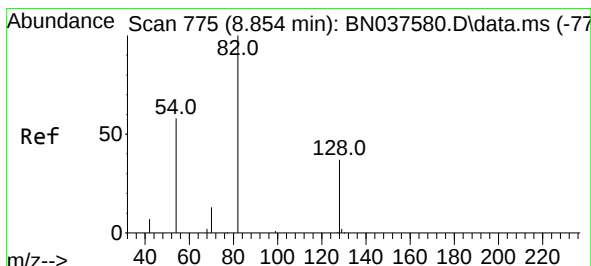
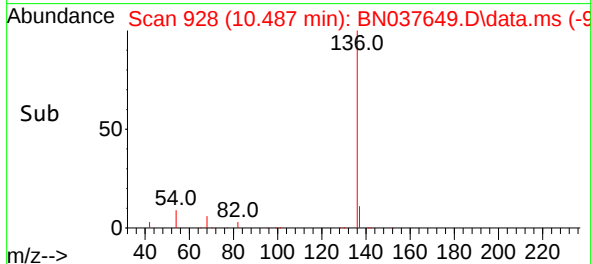
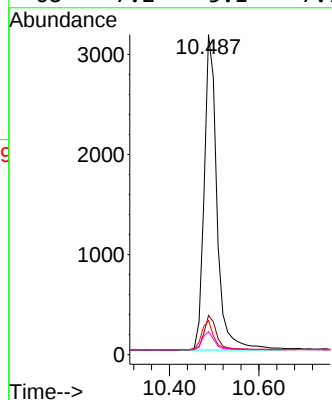
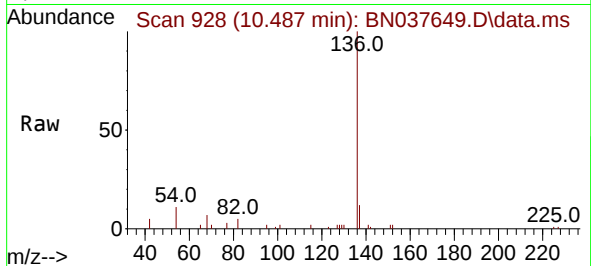




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.487 min Scan# 91  
Delta R.T. -0.011 min  
Lab File: BN037649.D  
Acq: 28 Aug 2025 10:05

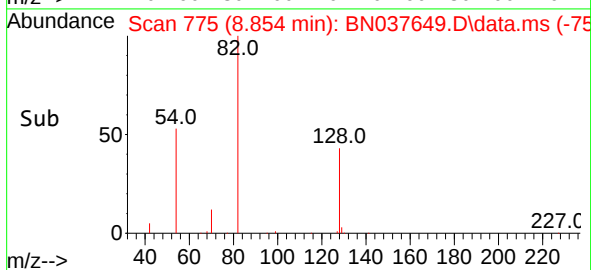
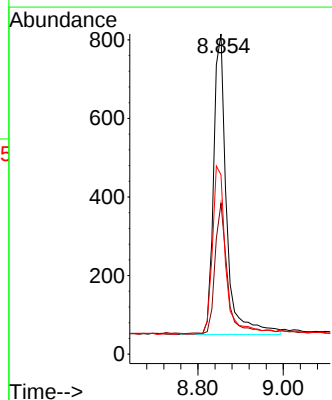
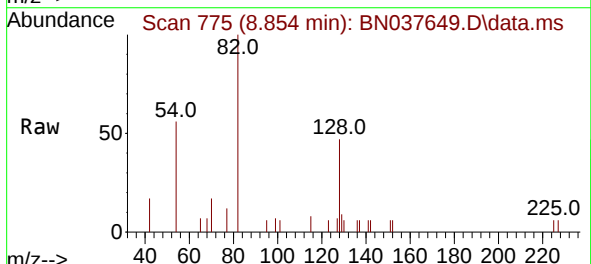
Instrument :  
BNA\_N  
ClientSampleId :  
PB169421BL

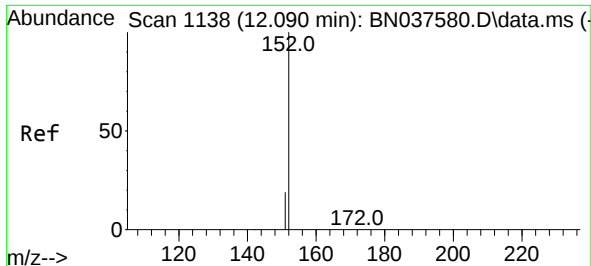
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 6247  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 12.2  | 9.5   | 14.3  |
| 54       | 10.7  | 7.3   | 10.9  |
| 68       | 7.2   | 5.1   | 7.7   |



#8  
Nitrobenzene-d5  
Concen: 0.367 ng  
RT: 8.854 min Scan# 775  
Delta R.T. 0.000 min  
Lab File: BN037649.D  
Acq: 28 Aug 2025 10:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 1614  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 47.1  | 32.6  | 48.8  |
| 54       | 56.0  | 48.9  | 73.3  |

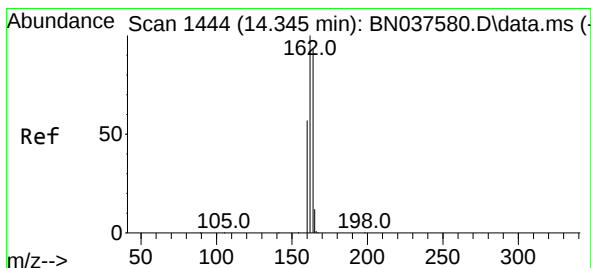
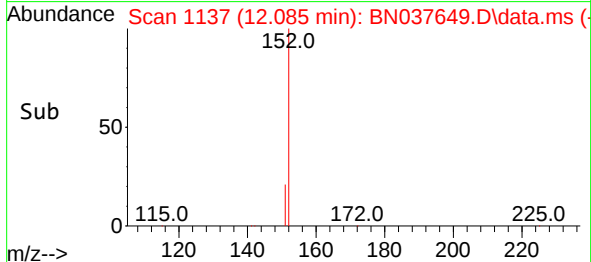
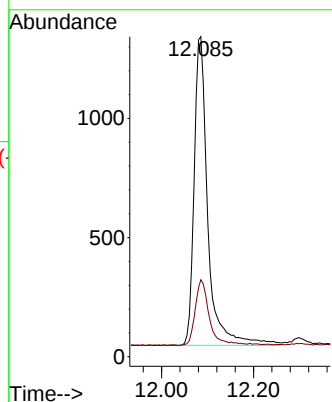
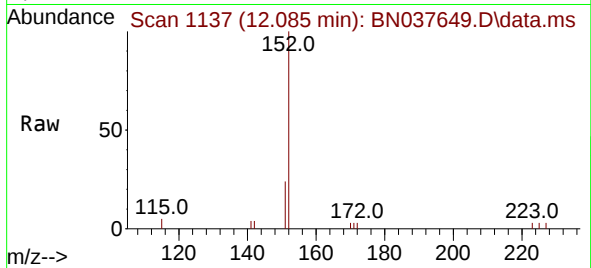




#11  
2-Methylnaphthalene-d10  
Concen: 0.315 ng  
RT: 12.085 min Scan# 1137  
Delta R.T. -0.005 min  
Lab File: BN037649.D  
Acq: 28 Aug 2025 10:05

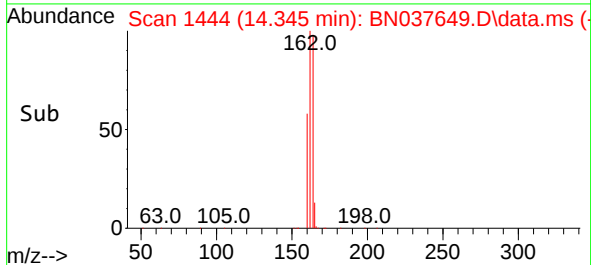
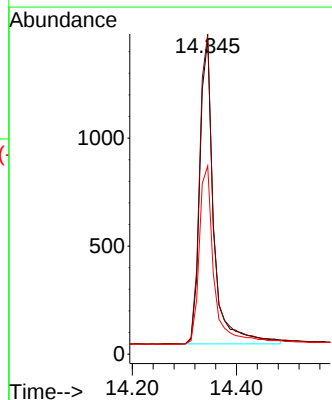
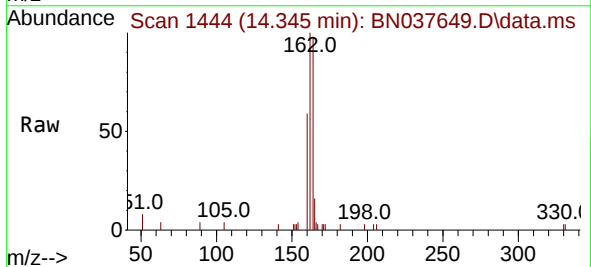
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BNA\_N  
ClientSampleId :  
PB169421BL

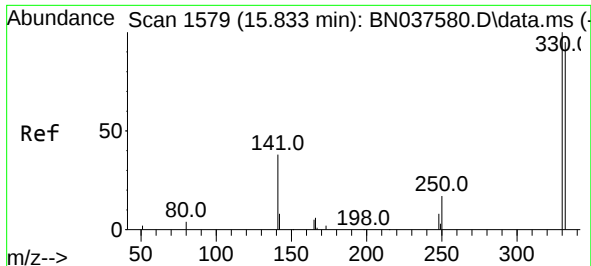
Tgt Ion:152 Resp: 2677  
Ion Ratio Lower Upper  
152 100  
151 22.1 17.3 25.9



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.345 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: BN037649.D  
Acq: 28 Aug 2025 10:05

Tgt Ion:164 Resp: 2646  
Ion Ratio Lower Upper  
164 100  
162 101.6 85.5 128.3  
160 59.7 49.5 74.3

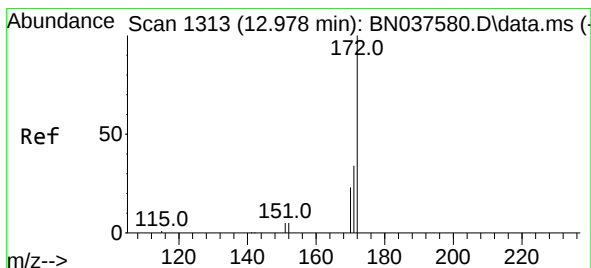
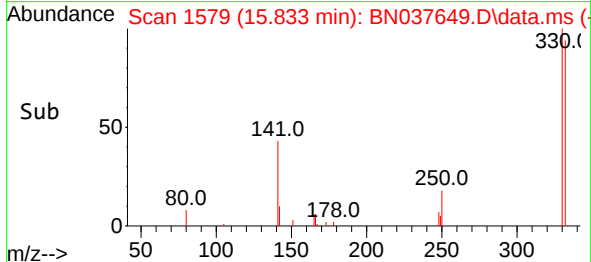
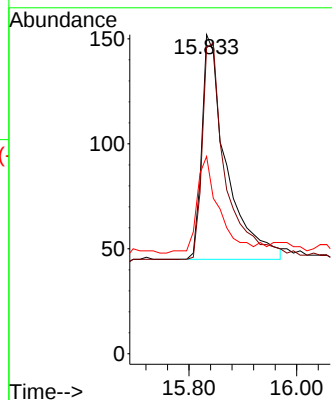
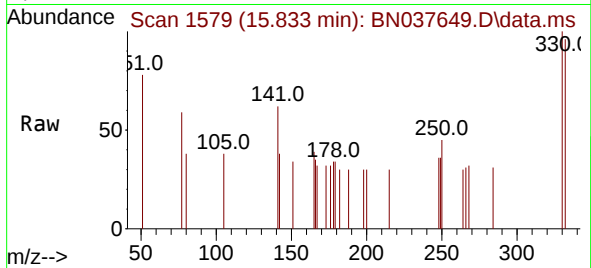




#14  
2,4,6-Tribromophenol  
Concen: 0.291 ng  
RT: 15.833 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN037649.D  
Acq: 28 Aug 2025 10:05

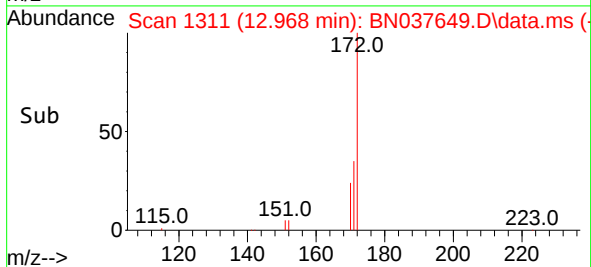
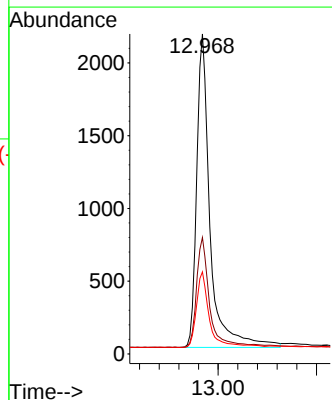
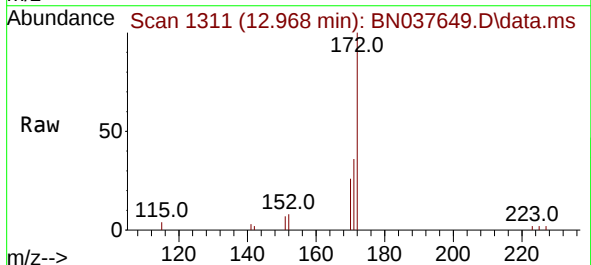
Instrument :  
BNA\_N  
ClientSampleId :  
PB169421BL

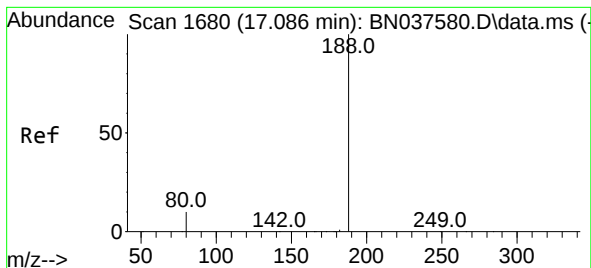
Tgt Ion:330 Resp: 337  
Ion Ratio Lower Upper  
330 100  
332 92.6 77.4 116.0  
141 38.9 30.9 46.3



#15  
2-Fluorobiphenyl  
Concen: 0.359 ng  
RT: 12.968 min Scan# 1311  
Delta R.T. -0.010 min  
Lab File: BN037649.D  
Acq: 28 Aug 2025 10:05

Tgt Ion:172 Resp: 5487  
Ion Ratio Lower Upper  
172 100  
171 36.4 28.2 42.4  
170 25.6 19.2 28.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.086 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN037649.D

Acq: 28 Aug 2025 10:05

Instrument :

BNA\_N

ClientSampleId :

PB169421BL

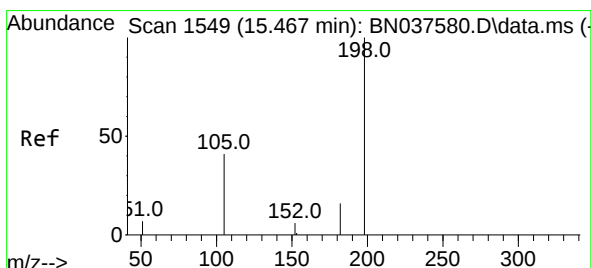
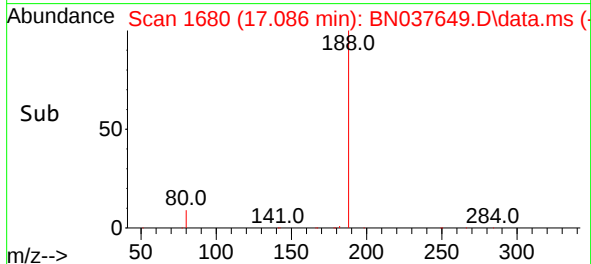
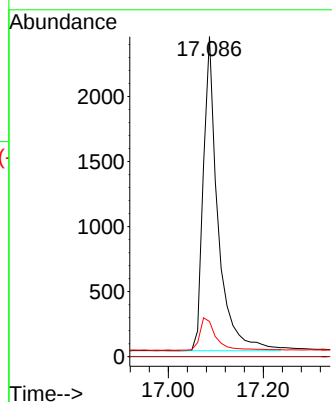
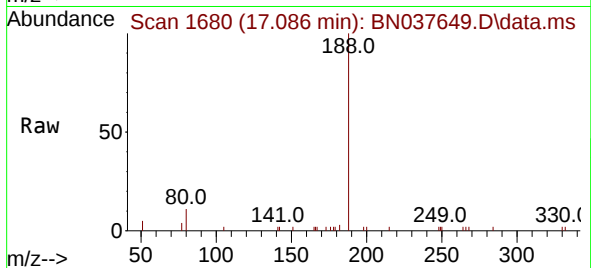
Tgt Ion:188 Resp: 5175

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.0 9.1 13.7



#20

4,6-Dinitro-2-methylphenol

Concen: 0.182 ng

RT: 15.457 min Scan# 1548

Delta R.T. -0.010 min

Lab File: BN037649.D

Acq: 28 Aug 2025 10:05

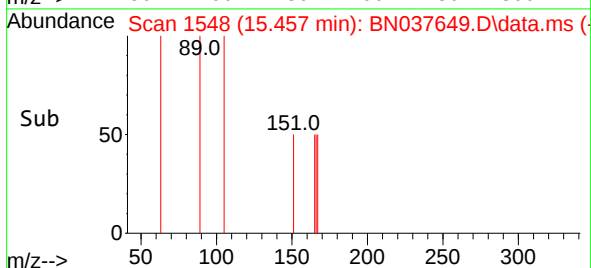
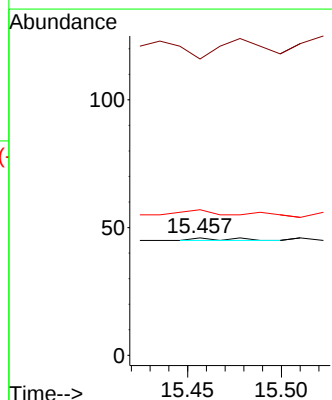
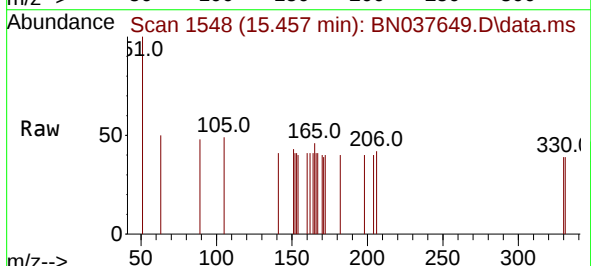
Tgt Ion:198 Resp: 1

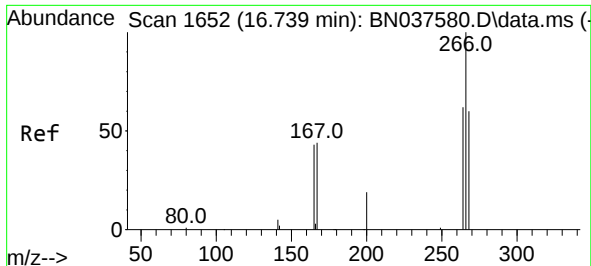
Ion Ratio Lower Upper

198 100

51 252.2 81.0 121.6#

105 123.9 52.5 78.7#

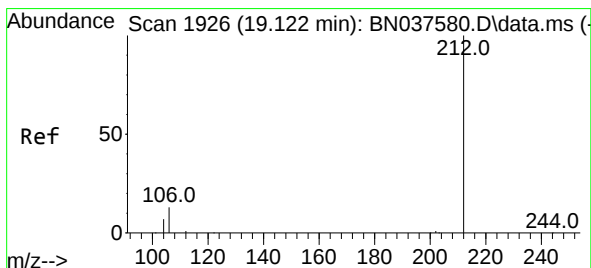
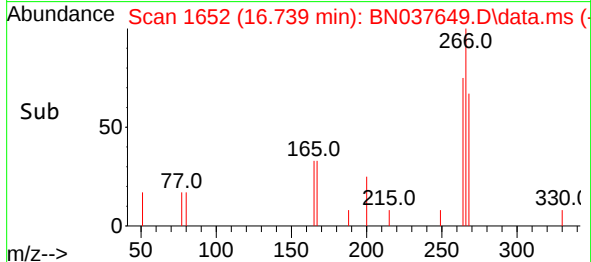
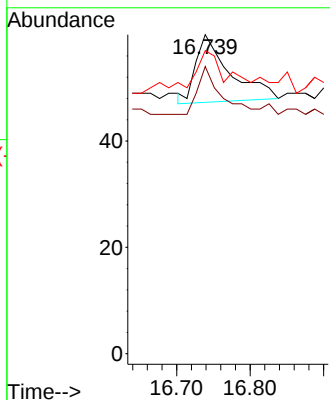
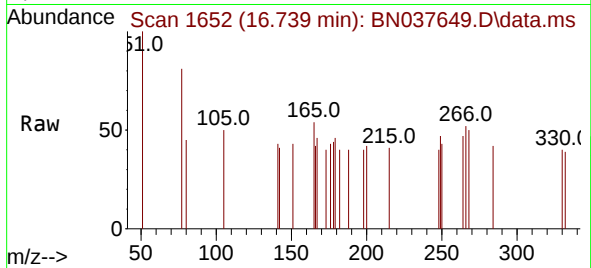




#24  
Pentachlorophenol  
Concen: 0.025 ng  
RT: 16.739 min Scan# 1652  
Delta R.T. -0.000 min  
Lab File: BN037649.D  
Acq: 28 Aug 2025 10:05

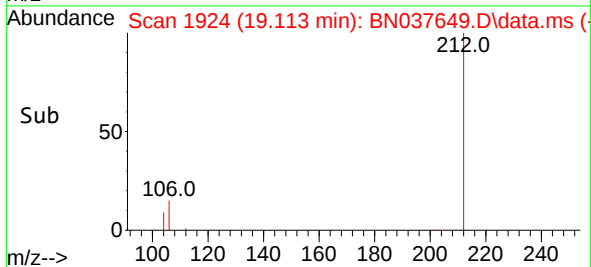
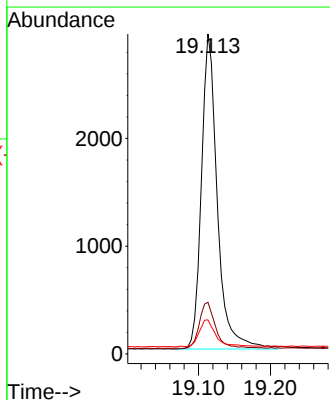
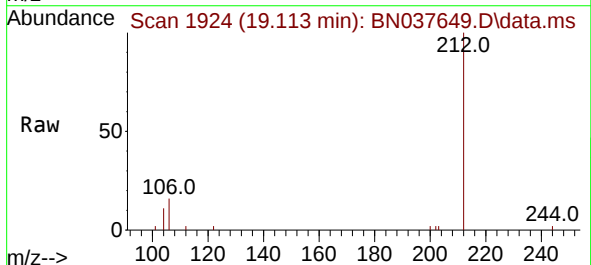
Instrument :  
BNA\_N  
ClientSampleId :  
PB169421BL

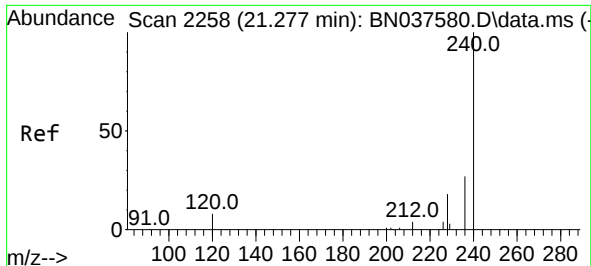
Tgt Ion:266 Resp: 41  
Ion Ratio Lower Upper  
266 100  
264 53.7 49.6 74.4  
268 80.5 49.2 73.8#



#27  
Fluoranthene-d10  
Concen: 0.330 ng  
RT: 19.113 min Scan# 1924  
Delta R.T. -0.009 min  
Lab File: BN037649.D  
Acq: 28 Aug 2025 10:05

Tgt Ion:212 Resp: 4486  
Ion Ratio Lower Upper  
212 100  
106 14.9 11.5 17.3  
104 9.4 6.6 9.8

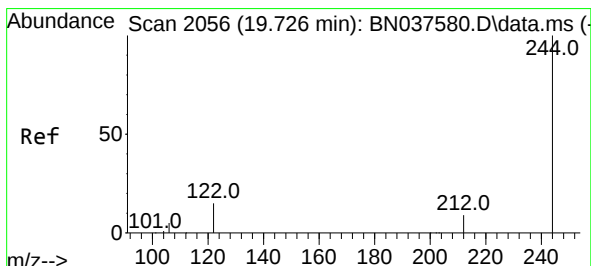
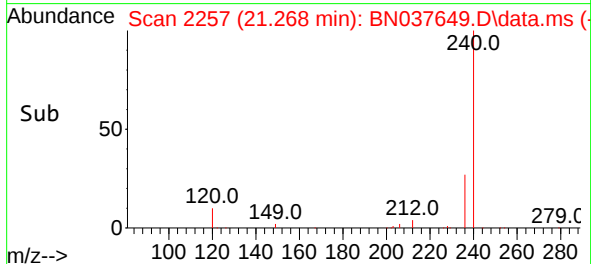
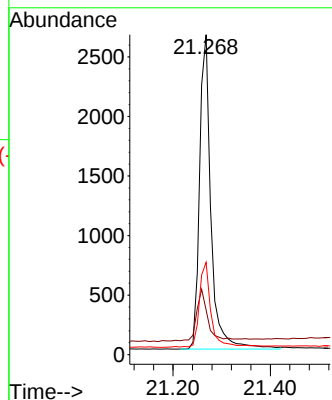
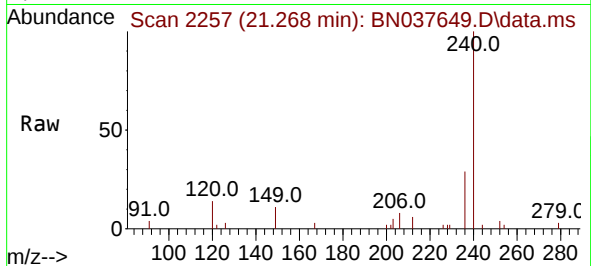




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.268 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BN037649.D  
Acq: 28 Aug 2025 10:05

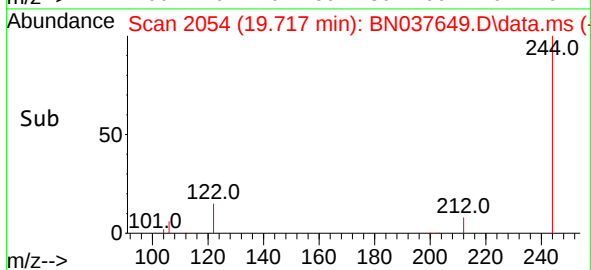
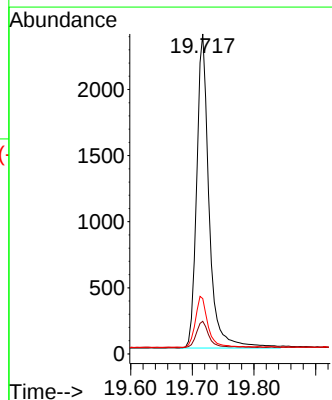
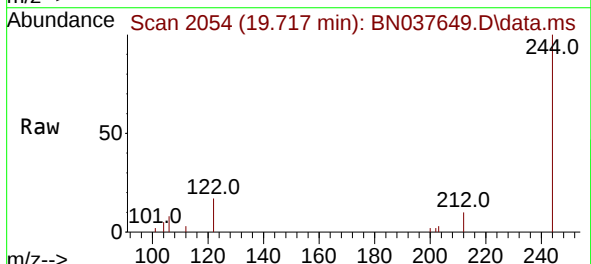
Instrument :  
BNA\_N  
ClientSampleId :  
PB169421BL

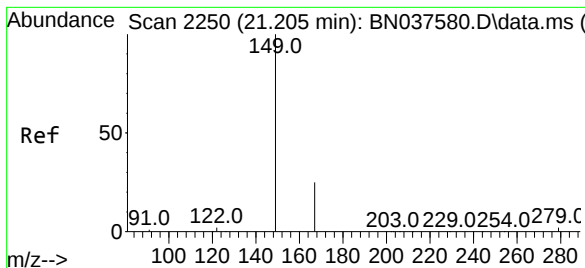
Tgt Ion:240 Resp: 4266  
Ion Ratio Lower Upper  
240 100  
120 14.0 8.9 13.3#  
236 28.8 22.6 33.8



#31  
Terphenyl-d14  
Concen: 0.380 ng  
RT: 19.717 min Scan# 2054  
Delta R.T. -0.009 min  
Lab File: BN037649.D  
Acq: 28 Aug 2025 10:05

Tgt Ion:244 Resp: 3337  
Ion Ratio Lower Upper  
244 100  
212 10.2 8.2 12.2  
122 17.3 13.2 19.8

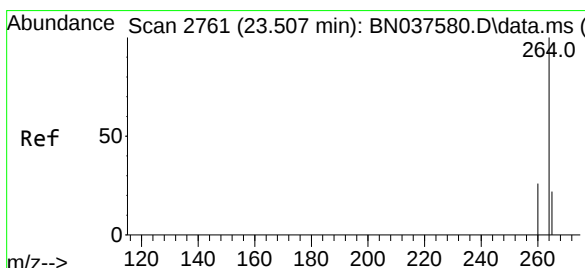
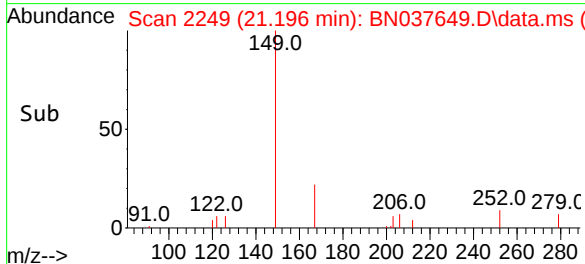
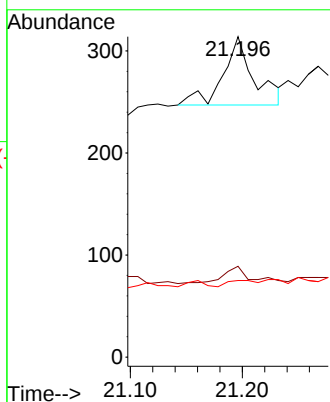
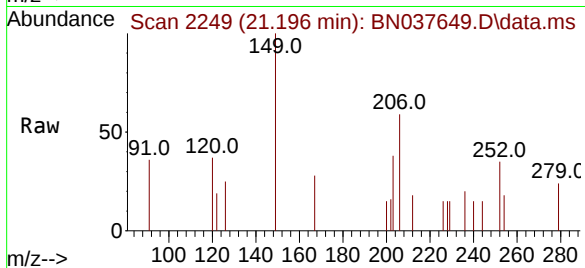




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.022 ng  
 RT: 21.196 min Scan# 2119  
 Delta R.T. -0.009 min  
 Lab File: BN037649.D  
 Acq: 28 Aug 2025 10:05

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB169421BL

Tgt Ion:149 Resp: 128  
 Ion Ratio Lower Upper  
 149 100  
 167 23.4 20.5 30.7  
 279 8.6 2.6 4.0#



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.499 min Scan# 2758  
 Delta R.T. -0.009 min  
 Lab File: BN037649.D  
 Acq: 28 Aug 2025 10:05

Tgt Ion:264 Resp: 3908  
 Ion Ratio Lower Upper  
 264 100  
 260 26.6 21.6 32.4  
 265 86.7 48.2 72.4#

