

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062725\  
 Data File : BN037422.D  
 Acq On : 27 Jun 2025 13:10  
 Operator : RC/JU  
 Sample : Q2372-01RE  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 GAV1WRE

Quant Time: Jun 27 13:51:35 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN062625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 26 16:06:33 2025  
 Response via : Initial Calibration

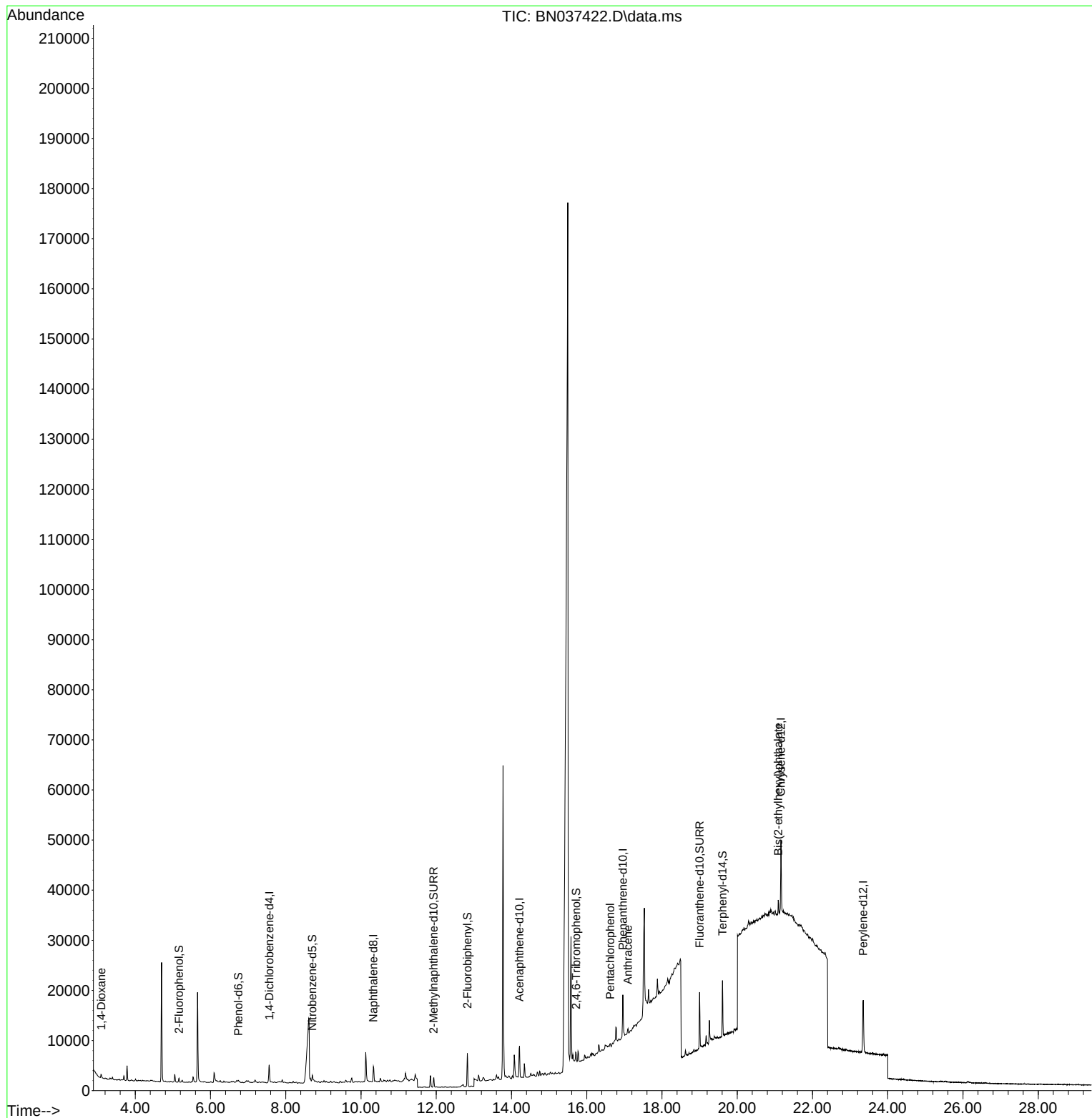
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.561  | 152  | 1739     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.330 | 136  | 4154     | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.213 | 164  | 3770     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.959 | 188  | 10583    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.162 | 240  | 13030    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.348 | 264  | 12884    | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.163  | 112  | 624      | 0.186 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.744  | 99   | 429      | 0.123 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.707  | 82   | 1223     | 0.367 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 11.930 | 152  | 2522     | 0.392 | ng    | -0.01    |
| 14) 2,4,6-Tribromophenol      | 15.718 | 330  | 1128     | 0.510 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.828 | 172  | 5597     | 0.344 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 18.998 | 212  | 12791    | 0.422 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.607 | 244  | 11400    | 0.410 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.097  | 88   | 328      | 0.199 | ng    | # 1      |
| 24) Pentachlorophenol         | 16.624 | 266  | 307      | 0.071 | ng    | 97       |
| 26) Anthracene                | 17.096 | 178  | 1100     | 0.040 | ng    | # 81     |
| 34) Bis(2-ethylhexyl)phtha... | 21.090 | 149  | 2673     | 0.165 | ng    | # 96     |
| -----                         |        |      |          |       |       |          |

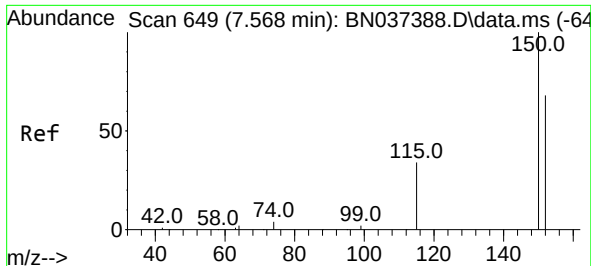
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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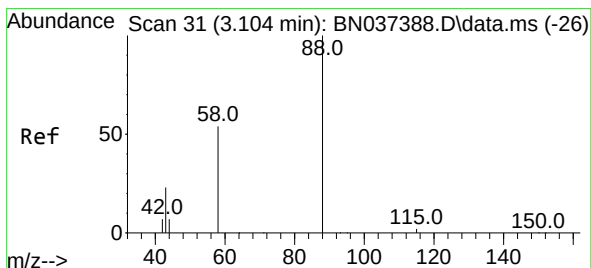
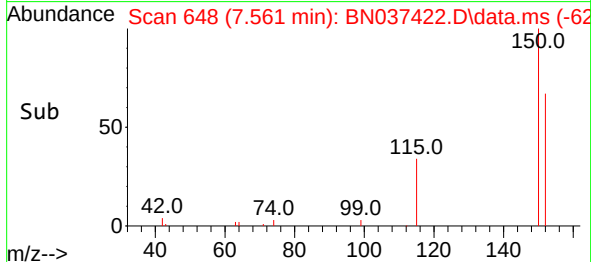
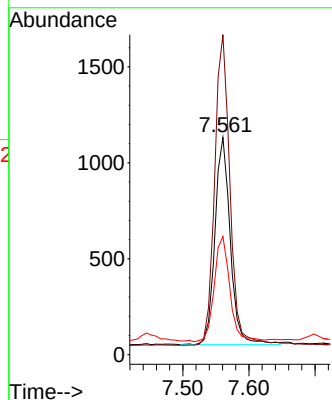
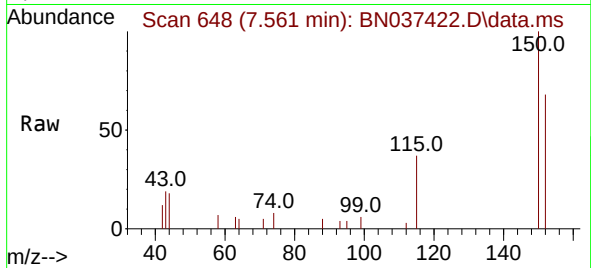




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.561 min Scan# 64  
 Delta R.T. -0.007 min  
 Lab File: BN037422.D  
 Acq: 27 Jun 2025 13:10

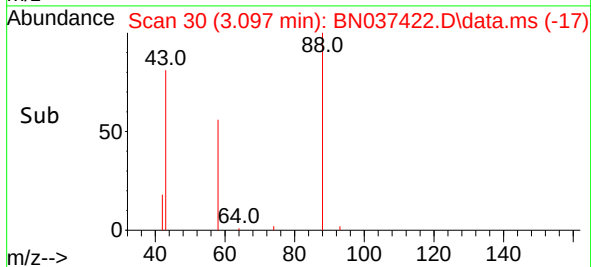
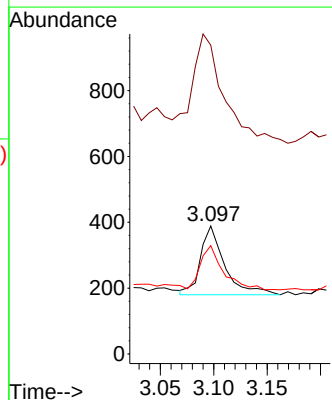
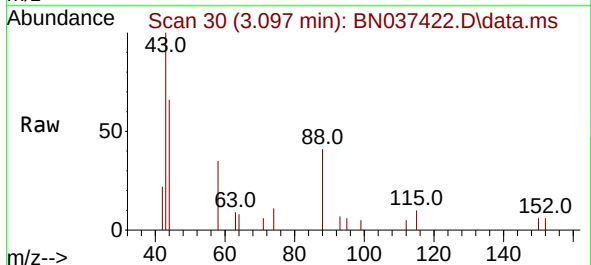
Instrument :  
 BNA\_N  
 ClientSampleId :  
 GAV1WRE

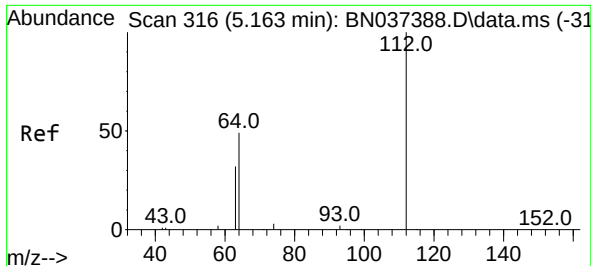
Tgt Ion:152 Resp: 1739  
 Ion Ratio Lower Upper  
 152 100  
 150 147.2 116.2 174.2  
 115 54.4 42.9 64.3



#2  
 1,4-Dioxane  
 Concen: 0.199 ng  
 RT: 3.097 min Scan# 30  
 Delta R.T. -0.007 min  
 Lab File: BN037422.D  
 Acq: 27 Jun 2025 13:10

Tgt Ion: 88 Resp: 328  
 Ion Ratio Lower Upper  
 88 100  
 43 213.7 21.6 32.4#  
 58 60.7 45.9 68.9

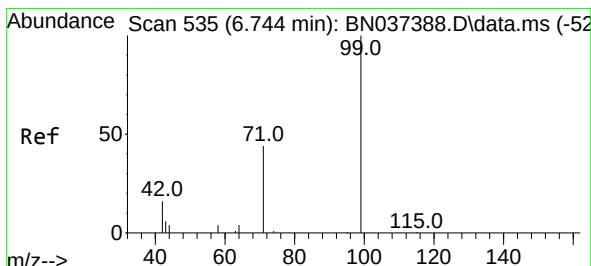
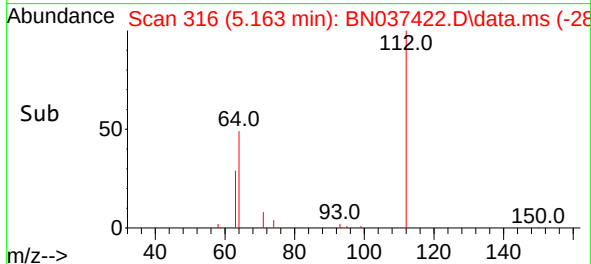
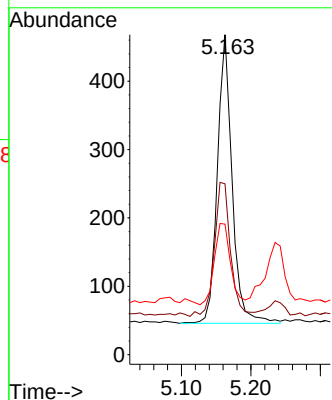
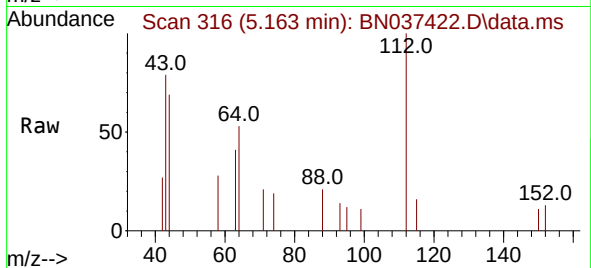




#4  
2-Fluorophenol  
Concen: 0.186 ng  
RT: 5.163 min Scan# 316  
Delta R.T. 0.000 min  
Lab File: BN037422.D  
Acq: 27 Jun 2025 13:10

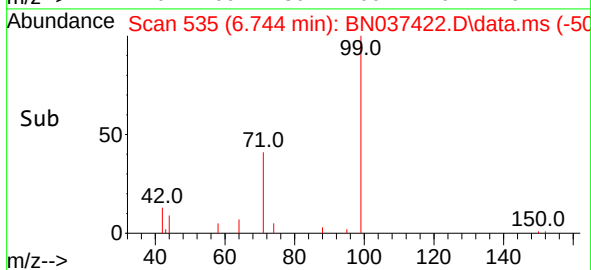
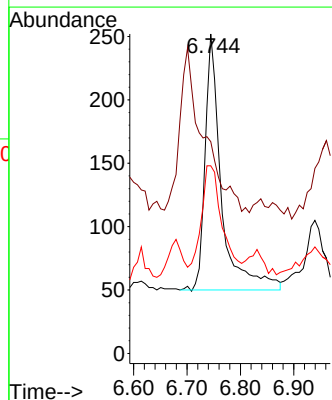
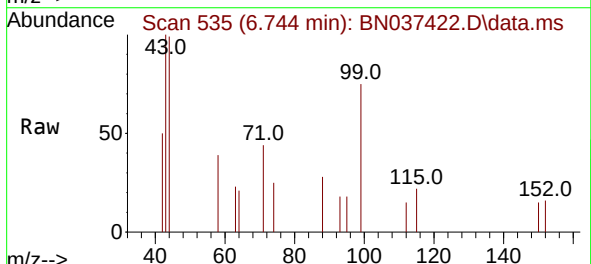
Instrument :  
BNA\_N  
ClientSampleId :  
GAV1WRE

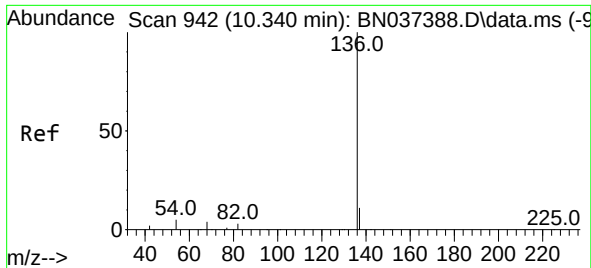
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 624   |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 64       | 50.5  | 40.3  | 60.5  |
| 63       | 30.8  | 26.1  | 39.1  |



#5  
Phenol-d6  
Concen: 0.123 ng  
RT: 6.744 min Scan# 535  
Delta R.T. 0.000 min  
Lab File: BN037422.D  
Acq: 27 Jun 2025 13:10

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 429   |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 0.0   | 15.6  | 23.4# |
| 71       | 56.9  | 35.8  | 53.8# |

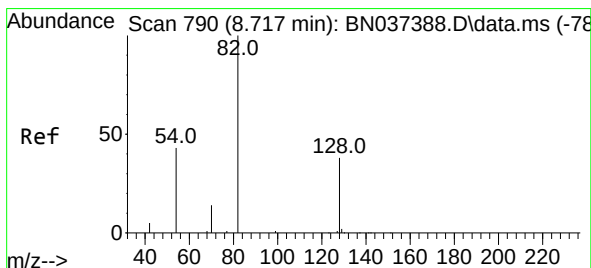
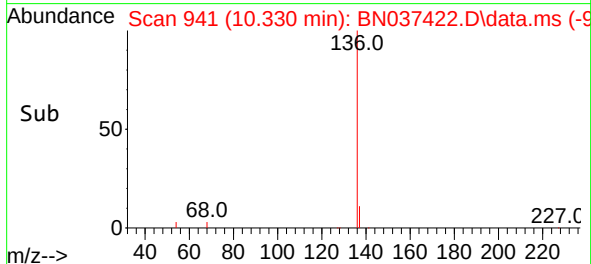
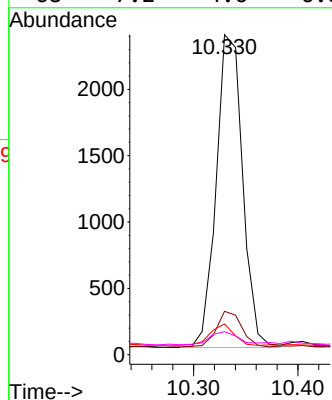
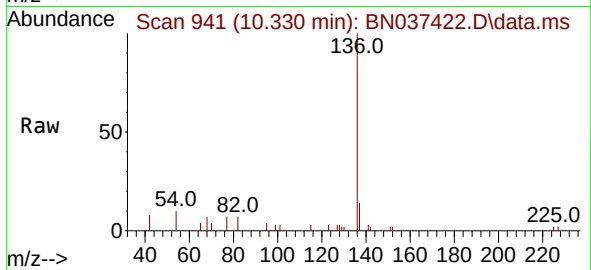




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.330 min Scan# 941  
Delta R.T. -0.011 min  
Lab File: BN037422.D  
Acq: 27 Jun 2025 13:10

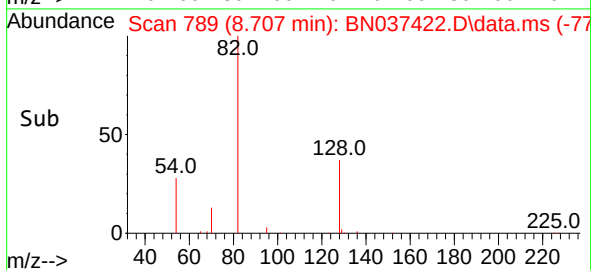
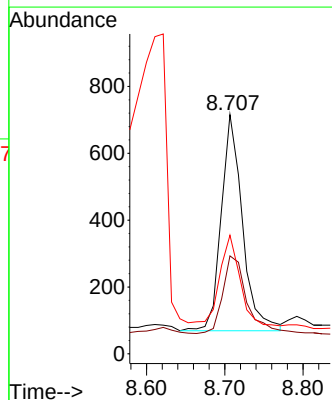
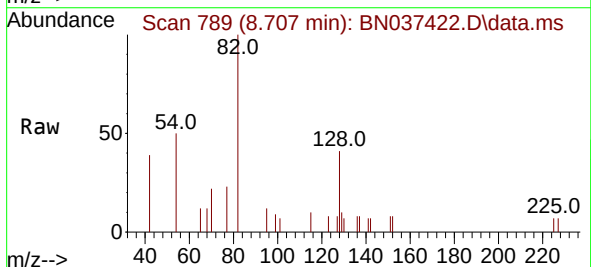
Instrument :  
BNA\_N  
ClientSampleId :  
GAV1WRE

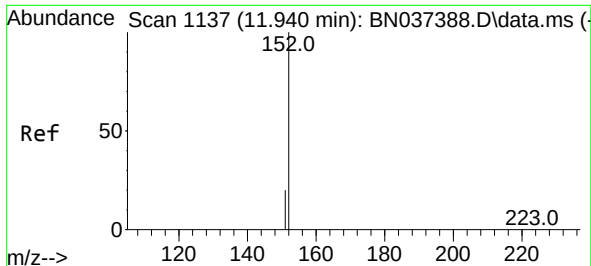
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 136   | Resp: | 4154 |
| Ion Ratio | Lower | Upper |      |
| 136       | 100   |       |      |
| 137       | 13.6  | 10.4  | 15.6 |
| 54        | 9.6   | 5.6   | 8.4# |
| 68        | 7.2   | 4.6   | 6.8# |



#8  
Nitrobenzene-d5  
Concen: 0.367 ng  
RT: 8.707 min Scan# 789  
Delta R.T. -0.011 min  
Lab File: BN037422.D  
Acq: 27 Jun 2025 13:10

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 1223 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 40.9  | 34.0  | 51.0 |
| 54        | 49.6  | 37.7  | 56.5 |

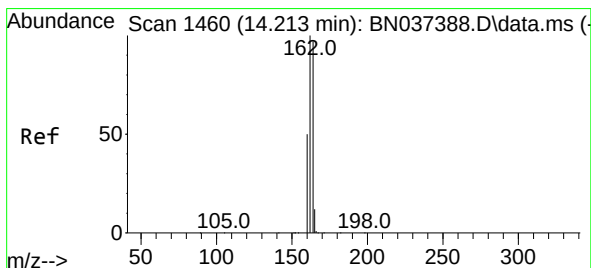
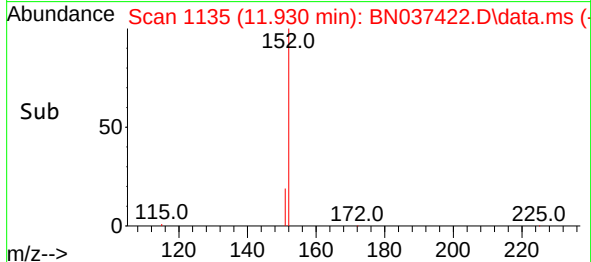
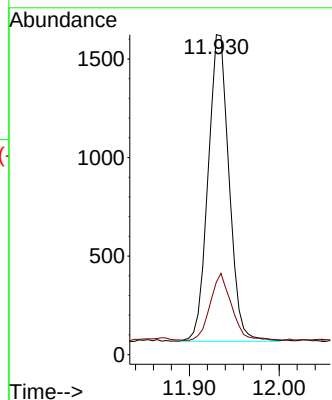
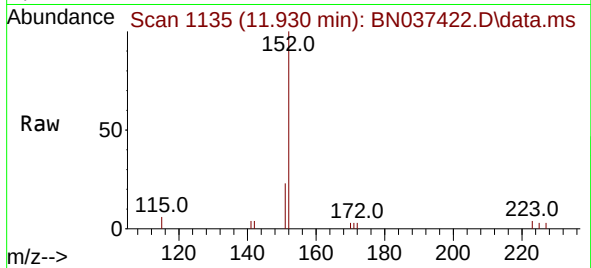




#11  
2-Methylnaphthalene-d10  
Concen: 0.392 ng  
RT: 11.930 min Scan# 1135  
Delta R.T. -0.010 min  
Lab File: BN037422.D  
Acq: 27 Jun 2025 13:10

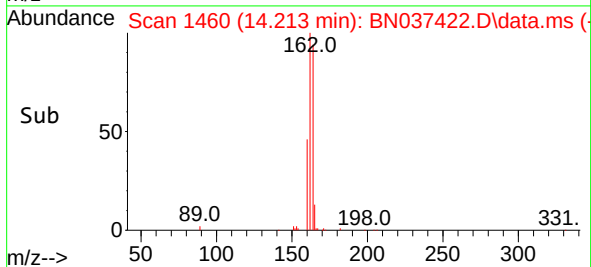
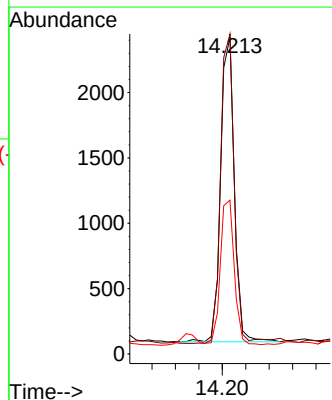
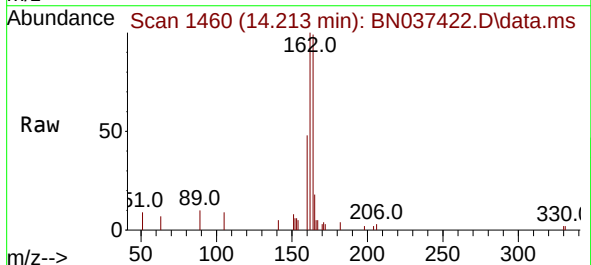
Instrument :  
BNA\_N  
ClientSampleId :  
GAV1WRE

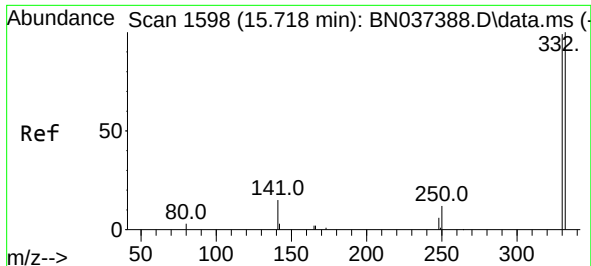
Tgt Ion:152 Resp: 2522  
Ion Ratio Lower Upper  
152 100  
151 22.6 18.4 27.6



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.213 min Scan# 1460  
Delta R.T. 0.000 min  
Lab File: BN037422.D  
Acq: 27 Jun 2025 13:10

Tgt Ion:164 Resp: 3770  
Ion Ratio Lower Upper  
164 100  
162 101.0 82.6 123.8  
160 48.6 42.2 63.2

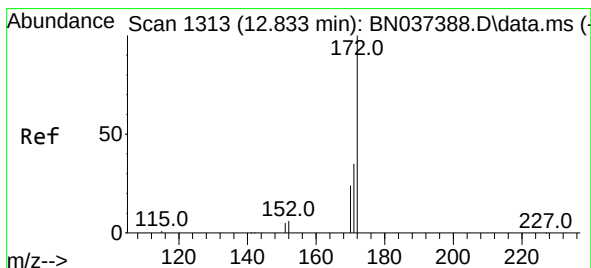
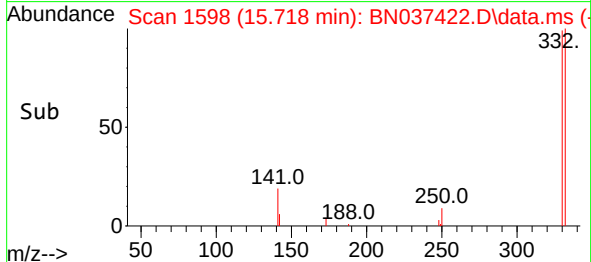
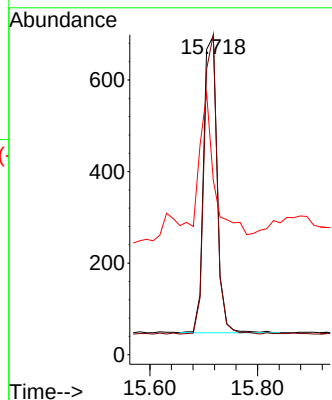
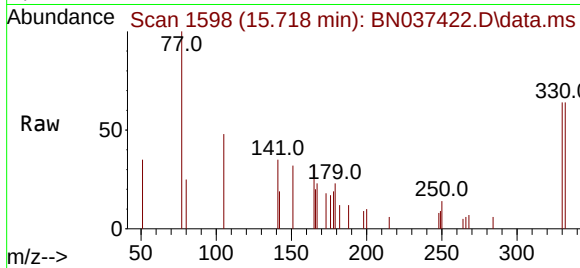




#14  
2,4,6-Tribromophenol  
Concen: 0.510 ng  
RT: 15.718 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN037422.D  
Acq: 27 Jun 2025 13:10

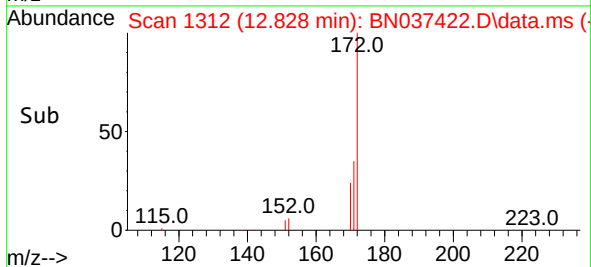
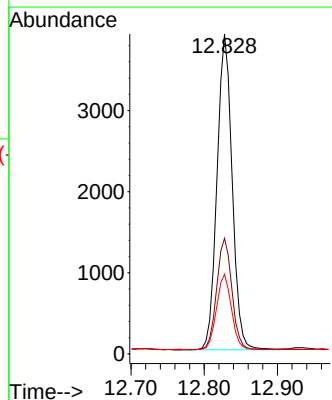
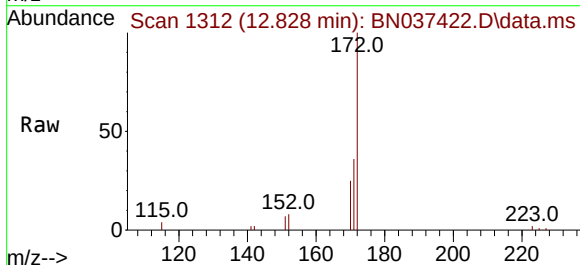
Instrument :  
BNA\_N  
ClientSampleId :  
GAV1WRE

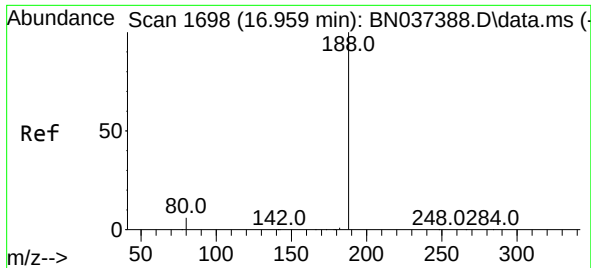
Tgt Ion: 330 Resp: 1128  
Ion Ratio Lower Upper  
330 100  
332 97.6 77.8 116.8  
141 55.1 24.0 36.0#



#15  
2-Fluorobiphenyl  
Concen: 0.344 ng  
RT: 12.828 min Scan# 1312  
Delta R.T. -0.005 min  
Lab File: BN037422.D  
Acq: 27 Jun 2025 13:10

Tgt Ion: 172 Resp: 5597  
Ion Ratio Lower Upper  
172 100  
171 36.2 28.8 43.2  
170 24.9 20.3 30.5

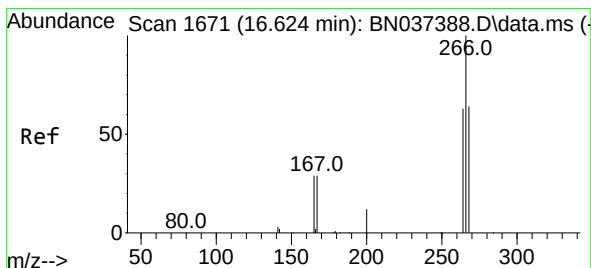
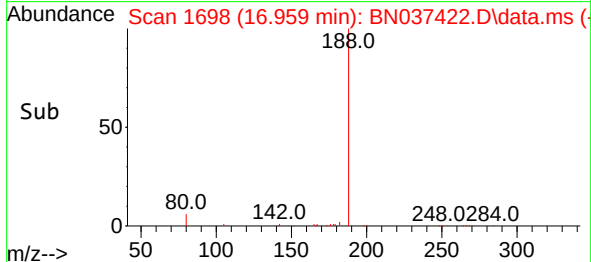
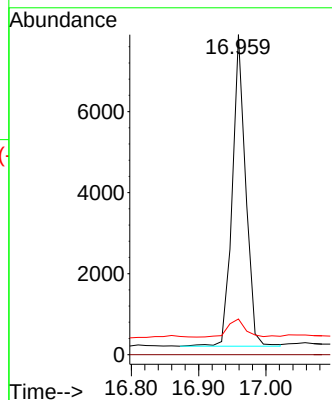
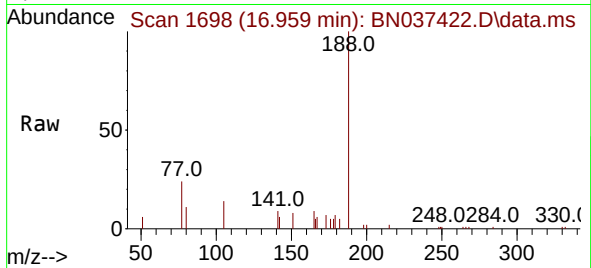




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.959 min Scan# 1698  
Delta R.T. 0.000 min  
Lab File: BN037422.D  
Acq: 27 Jun 2025 13:10

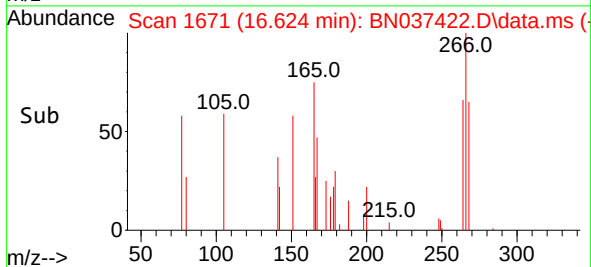
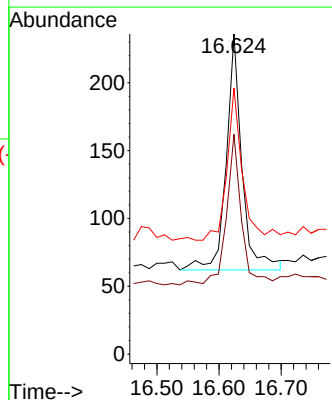
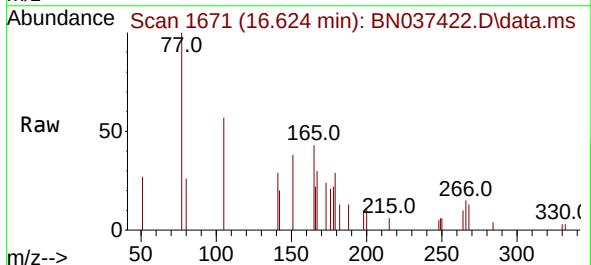
Instrument :  
BNA\_N  
ClientSampleId :  
GAV1WRE

Tgt Ion:188 Resp: 10583  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.2 6.2 9.4#

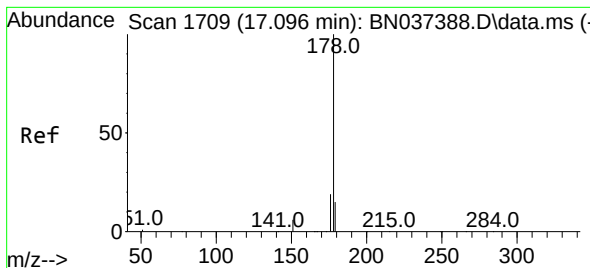


#24  
Pentachlorophenol  
Concen: 0.071 ng  
RT: 16.624 min Scan# 1671  
Delta R.T. 0.000 min  
Lab File: BN037422.D  
Acq: 27 Jun 2025 13:10

Tgt Ion:266 Resp: 307  
Ion Ratio Lower Upper  
266 100  
264 61.2 49.2 73.8  
268 63.8 54.2 81.4







#26

Anthracene

Concen: 0.040 ng

RT: 17.096 min Scan# 1709

Delta R.T. 0.000 min

Lab File: BN037422.D

Acq: 27 Jun 2025 13:10

Instrument :

BNA\_N

ClientSampleId :

GAV1WRE

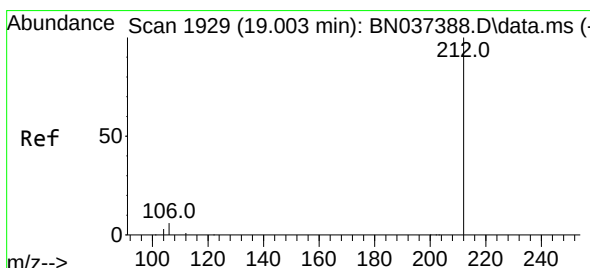
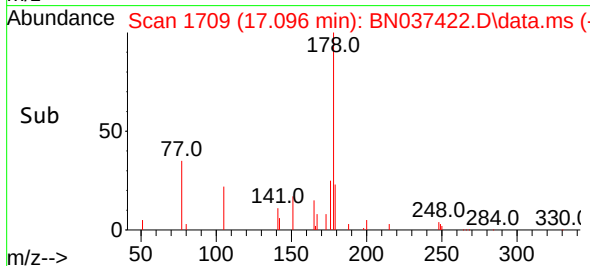
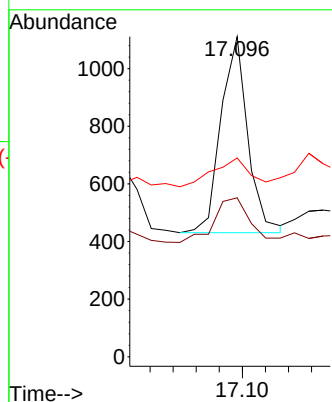
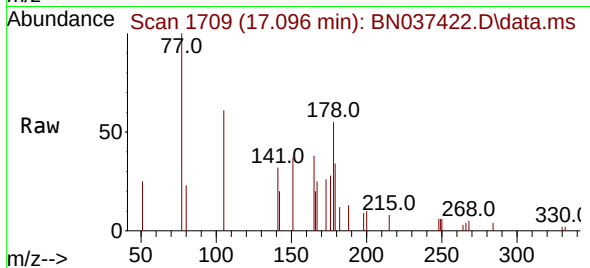
Tgt Ion:178 Resp: 1100

Ion Ratio Lower Upper

178 100

176 30.4 14.9 22.3#

179 19.8 12.4 18.6#



#27

Fluoranthene-d10

Concen: 0.422 ng

RT: 18.998 min Scan# 1928

Delta R.T. -0.005 min

Lab File: BN037422.D

Acq: 27 Jun 2025 13:10

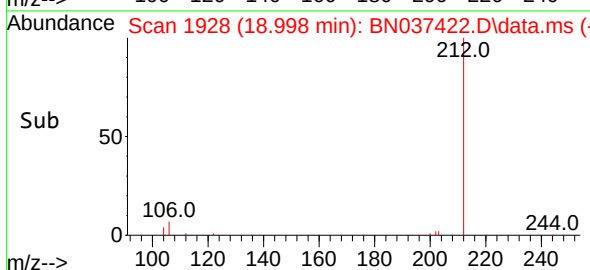
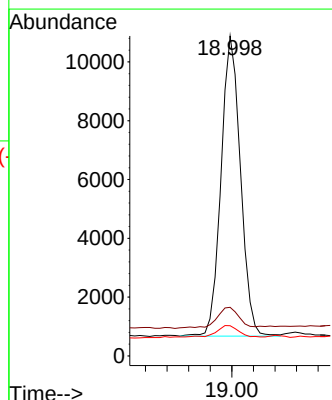
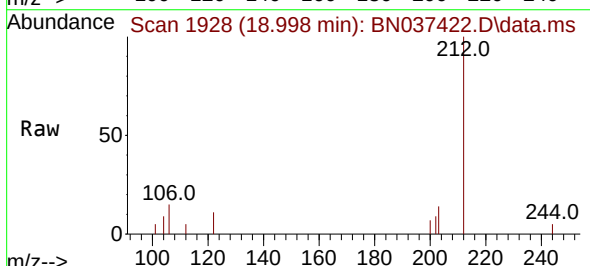
Tgt Ion:212 Resp: 12791

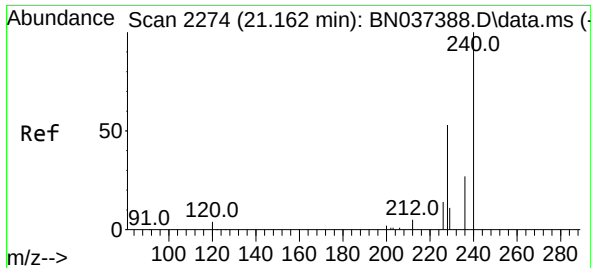
Ion Ratio Lower Upper

212 100

106 8.3 4.5 6.7#

104 5.1 2.7 4.1#

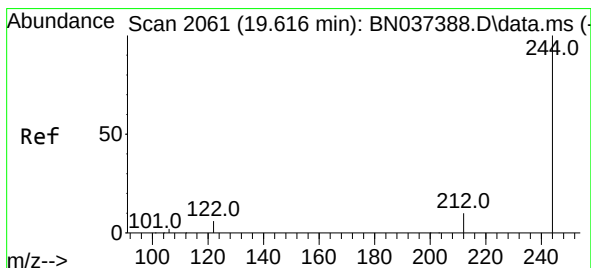
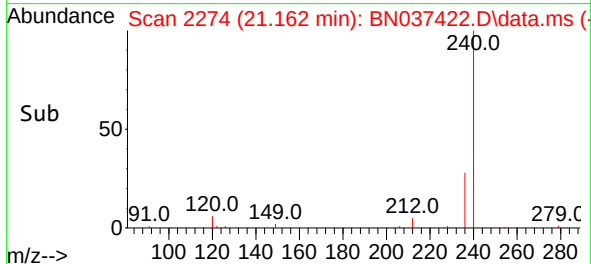
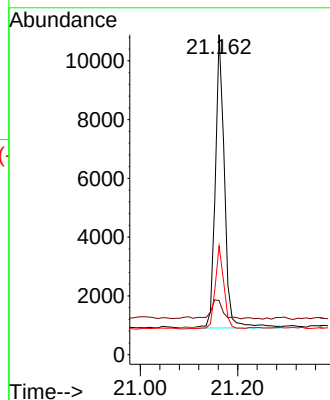
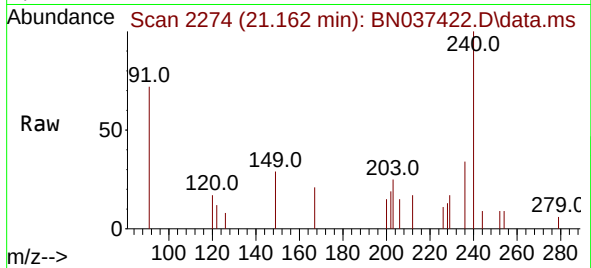




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.162 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BN037422.D  
Acq: 27 Jun 2025 13:10

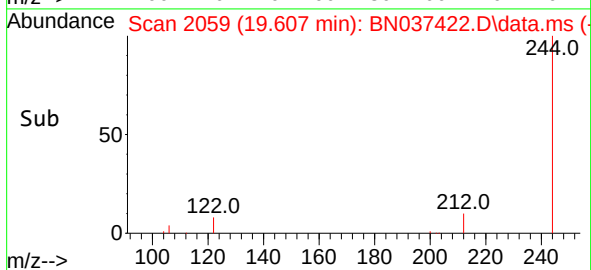
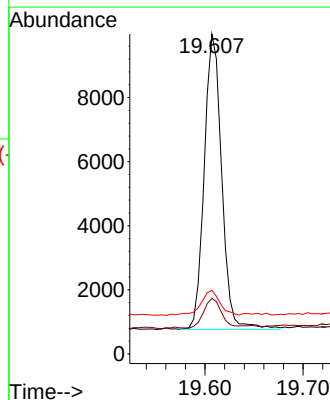
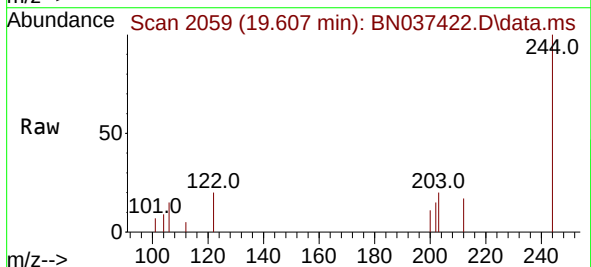
Instrument :  
BNA\_N  
ClientSampleId :  
GAV1WRE

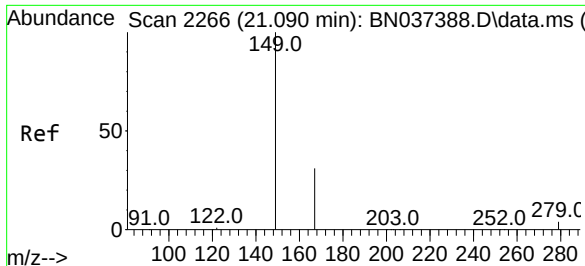
Tgt Ion:240 Resp: 13030  
Ion Ratio Lower Upper  
240 100  
120 16.9 5.3 7.9#  
236 33.9 22.7 34.1



#31  
Terphenyl-d14  
Concen: 0.410 ng  
RT: 19.607 min Scan# 2059  
Delta R.T. -0.009 min  
Lab File: BN037422.D  
Acq: 27 Jun 2025 13:10

Tgt Ion:244 Resp: 11400  
Ion Ratio Lower Upper  
244 100  
212 17.3 9.1 13.7#  
122 19.9 6.3 9.5#

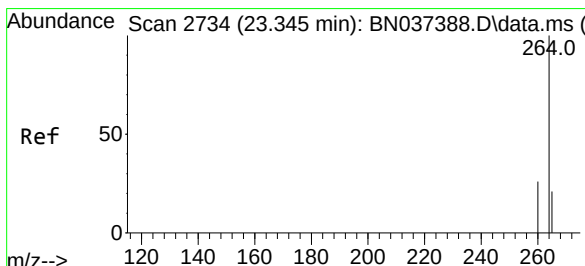
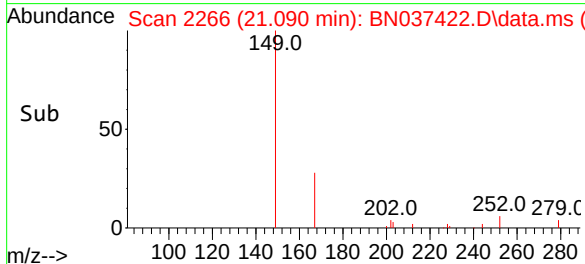
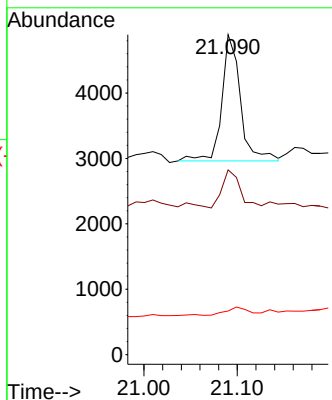
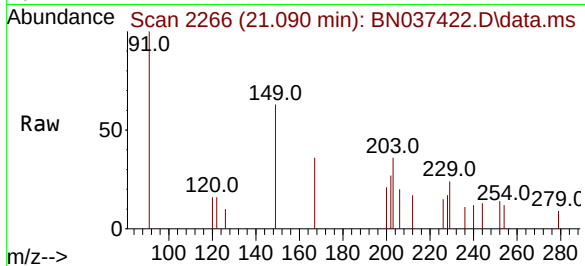




#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.165 ng  
RT: 21.090 min Scan# 2109  
Delta R.T. 0.000 min  
Lab File: BN037422.D  
Acq: 27 Jun 2025 13:10

Instrument :  
BNA\_N  
ClientSampleId :  
GAV1WRE

Tgt Ion:149 Resp: 2673  
Ion Ratio Lower Upper  
149 100  
167 29.0 24.8 37.2  
279 9.1 5.0 7.6#



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.348 min Scan# 2735  
Delta R.T. 0.003 min  
Lab File: BN037422.D  
Acq: 27 Jun 2025 13:10

Tgt Ion:264 Resp: 12884  
Ion Ratio Lower Upper  
264 100  
260 29.6 21.4 32.0  
265 67.0 56.2 84.4

