

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072225\  
 Data File : BN037534.D  
 Acq On : 22 Jul 2025 12:04  
 Operator : RC/JU  
 Sample : Q2642-01  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Jul 22 13:04:50 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN071525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jul 19 01:46:16 2025  
 Response via : Initial Calibration

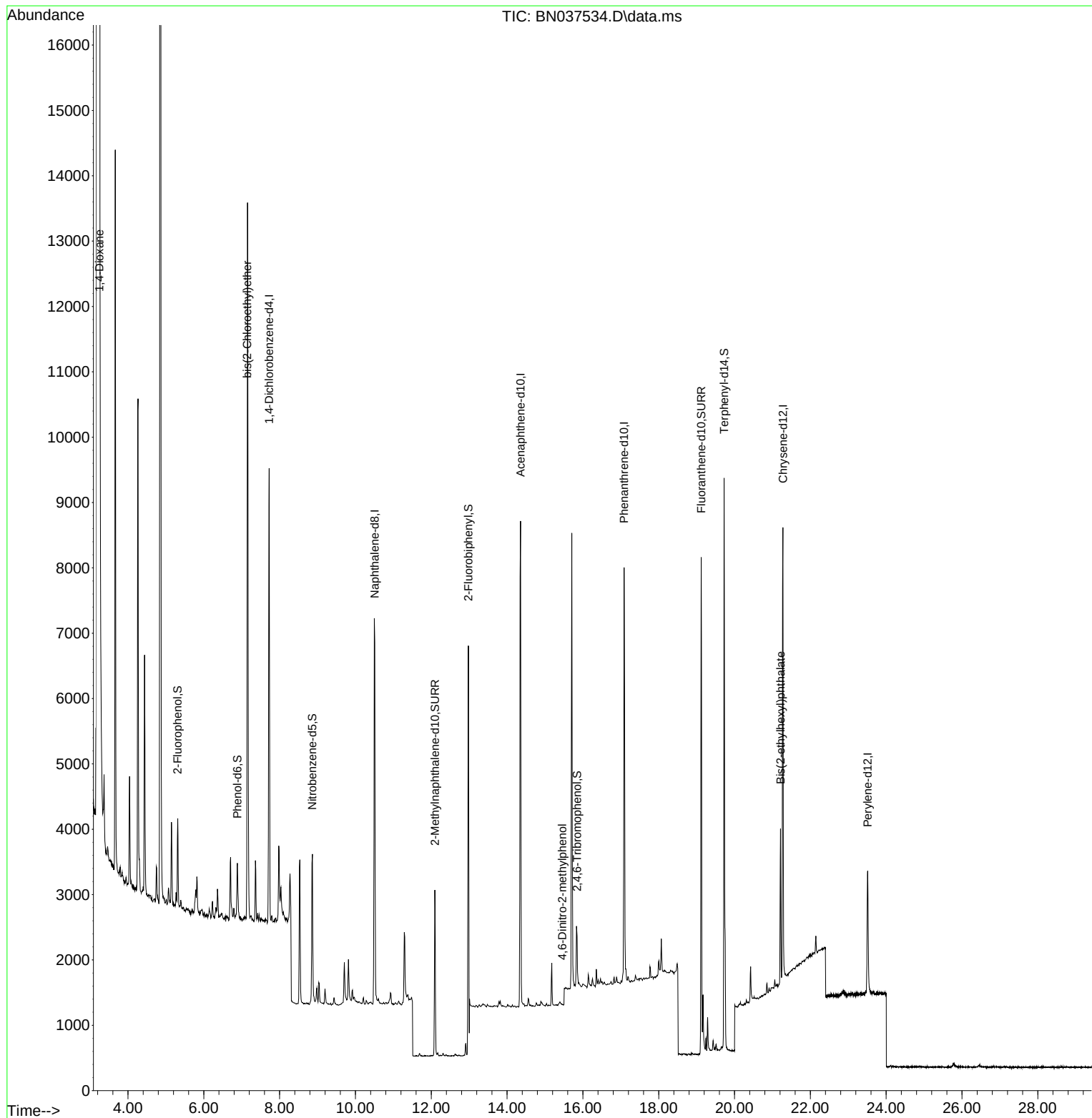
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.724  | 152  | 3288     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.509 | 136  | 8415     | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.356 | 164  | 4405     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.087 | 188  | 8925     | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.277 | 240  | 6687     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.511 | 264  | 2641     | 0.400 | ng    | # 0.00   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.312  | 112  | 1105     | 0.136 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.887  | 99   | 788      | 0.077 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.865  | 82   | 1968     | 0.313 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.096 | 152  | 3422     | 0.284 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.845 | 330  | 611      | 0.282 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.978 | 172  | 7834     | 0.342 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.123 | 212  | 8263     | 0.350 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.726 | 244  | 7936     | 0.552 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.247  | 88   | 17432    | 5.515 | ng    | 97       |
| 6) bis(2-Chloroethyl)ether    | 7.147  | 93   | 373      | 0.044 | ng    | # 1      |
| 20) 4,6-Dinitro-2-methylph... | 15.457 | 198  | 4        | 0.097 | ng    | # 1      |
| 34) Bis(2-ethylhexyl)phtha... | 21.214 | 149  | 2431     | 0.231 | ng    | 96       |
| -----                         |        |      |          |       |       |          |

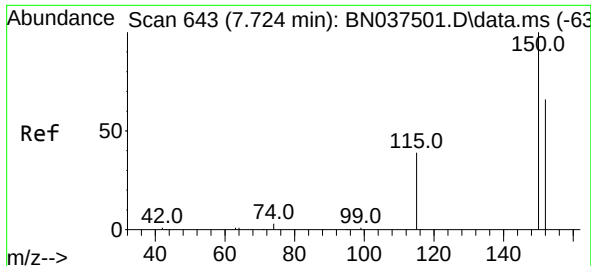
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072225\  
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ALS Vial : 4 Sample Multiplier: 1

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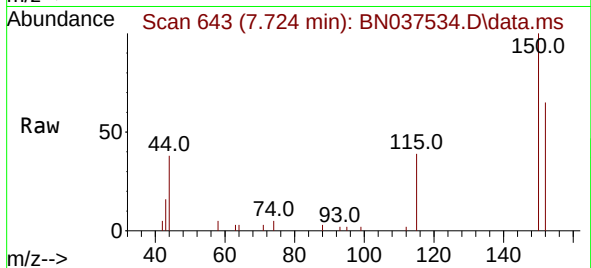
Quant Time: Jul 22 13:04:50 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN071525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jul 19 01:46:16 2025  
Response via : Initial Calibration



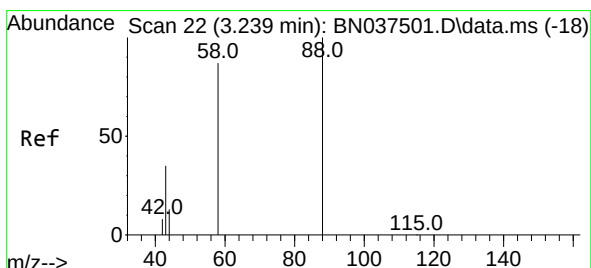
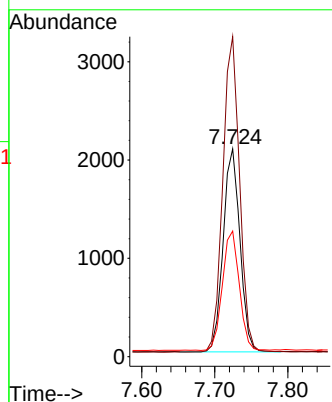
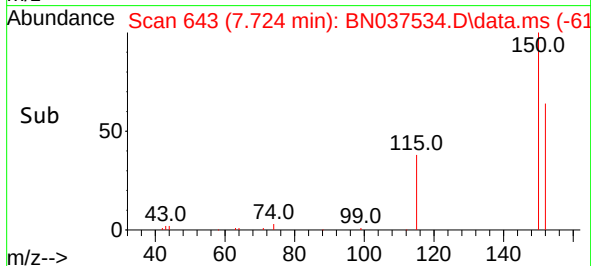


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.724 min Scan# 64  
 Delta R.T. 0.000 min  
 Lab File: BN037534.D  
 Acq: 22 Jul 2025 12:04

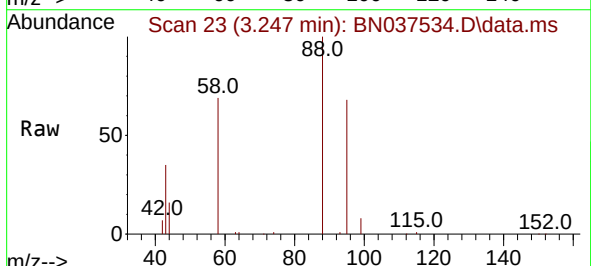
Instrument :  
 BNA\_N  
 ClientSampleId :



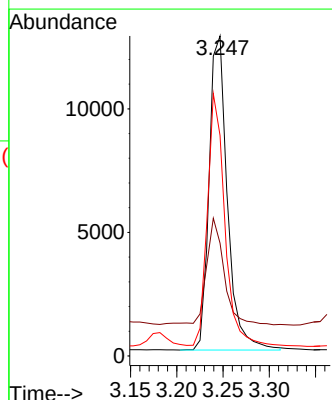
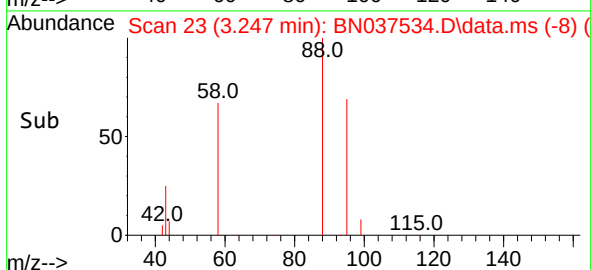
Tgt Ion:152 Resp: 3288  
 Ion Ratio Lower Upper  
 152 100  
 150 154.0 119.8 179.8  
 115 60.4 49.1 73.7

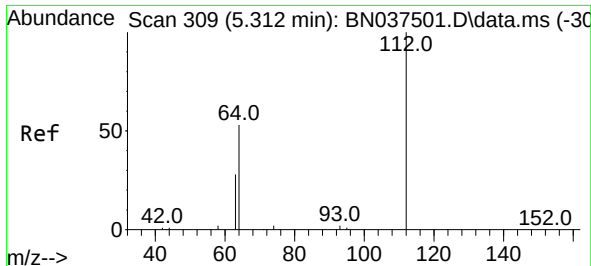


#2  
 1,4-Dioxane  
 Concen: 5.515 ng  
 RT: 3.247 min Scan# 23  
 Delta R.T. 0.007 min  
 Lab File: BN037534.D  
 Acq: 22 Jul 2025 12:04



Tgt Ion: 88 Resp: 17432  
 Ion Ratio Lower Upper  
 88 100  
 43 32.7 27.5 41.3  
 58 75.7 62.7 94.1

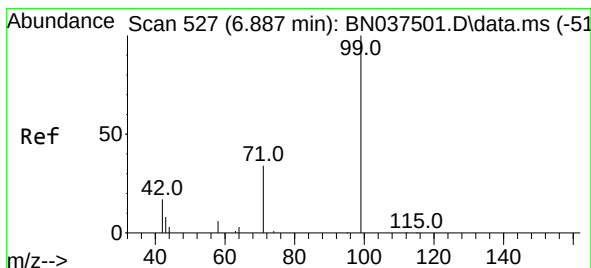
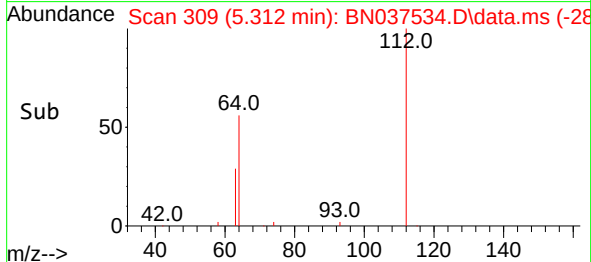
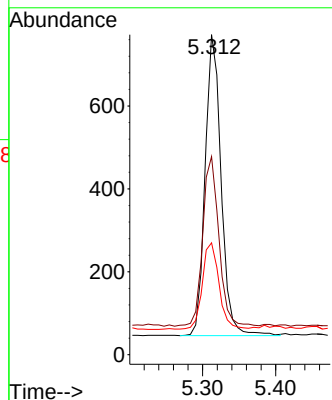
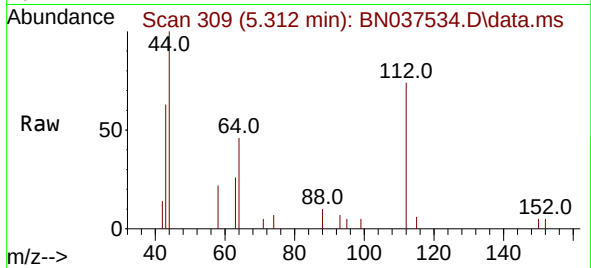




#4  
2-Fluorophenol  
Concen: 0.136 ng  
RT: 5.312 min Scan# 309  
Delta R.T. 0.000 min  
Lab File: BN037534.D  
Acq: 22 Jul 2025 12:04

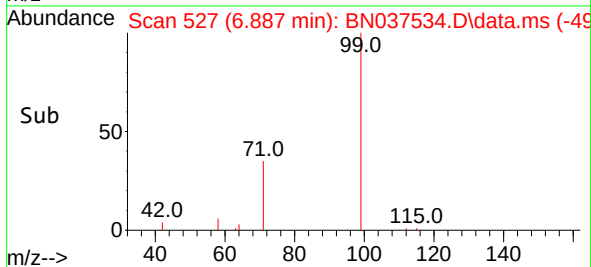
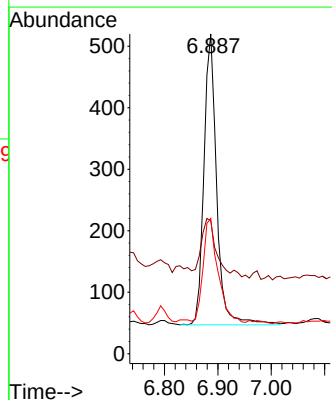
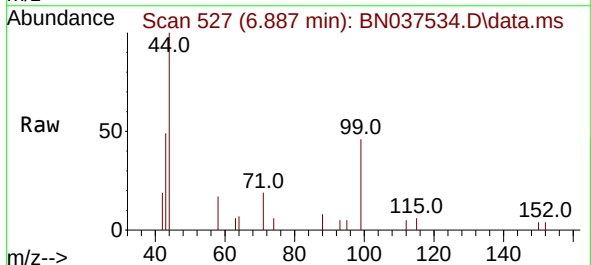
Instrument :  
BNA\_N  
ClientSampleId :

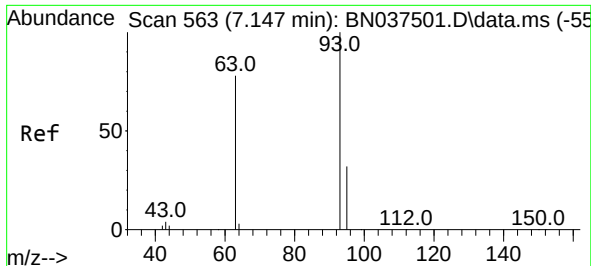
Tgt Ion:112 Resp: 1105  
Ion Ratio Lower Upper  
112 100  
64 56.7 45.1 67.7  
63 29.6 23.8 35.8



#5  
Phenol-d6  
Concen: 0.077 ng  
RT: 6.887 min Scan# 527  
Delta R.T. 0.000 min  
Lab File: BN037534.D  
Acq: 22 Jul 2025 12:04

Tgt Ion: 99 Resp: 788  
Ion Ratio Lower Upper  
99 100  
42 25.8 17.1 25.7#  
71 42.4 27.8 41.8#

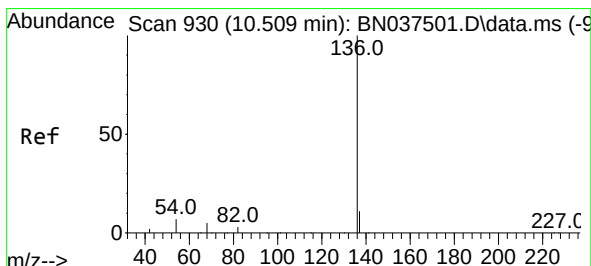
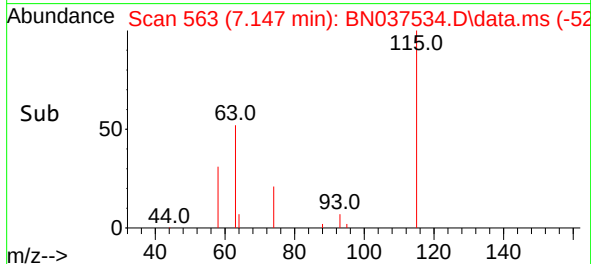
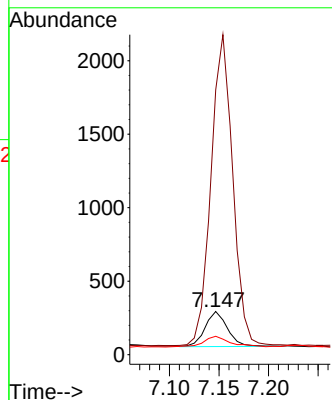
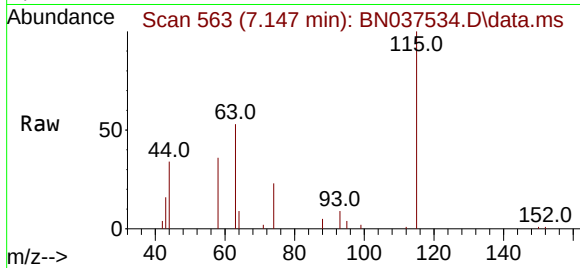




#6  
bis(2-Chloroethyl)ether  
Concen: 0.044 ng  
RT: 7.147 min Scan# 563  
Delta R.T. 0.000 min  
Lab File: BN037534.D  
Acq: 22 Jul 2025 12:04

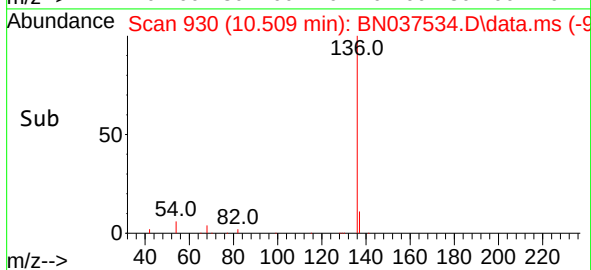
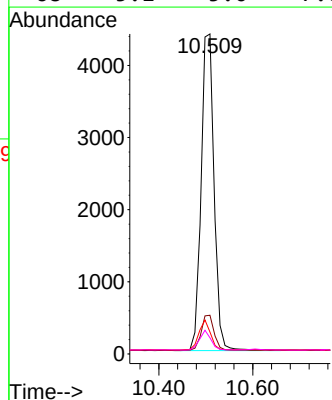
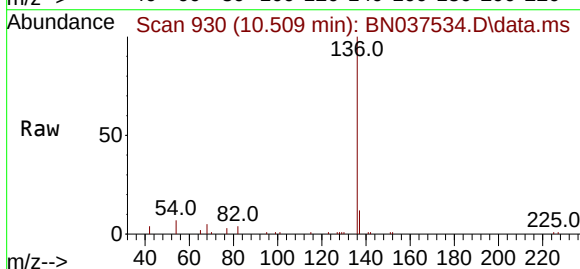
Instrument :  
BNA\_N  
ClientSampleId :

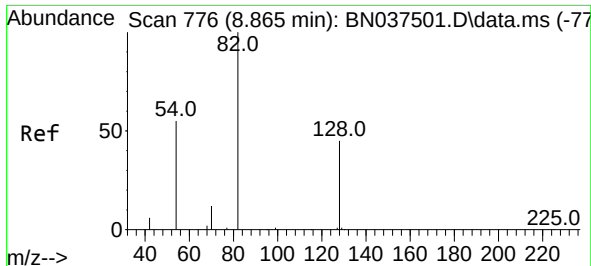
Tgt Ion: 93 Resp: 373  
Ion Ratio Lower Upper  
93 100  
63 869.4 58.2 87.4#  
95 35.9 25.3 37.9



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.509 min Scan# 930  
Delta R.T. 0.000 min  
Lab File: BN037534.D  
Acq: 22 Jul 2025 12:04

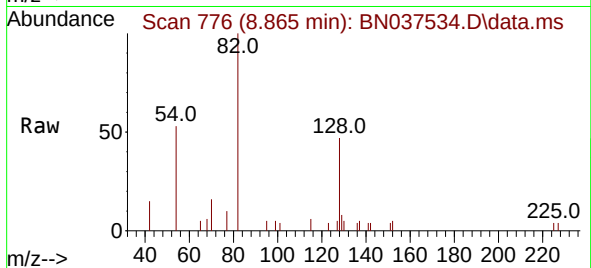
Tgt Ion: 136 Resp: 8415  
Ion Ratio Lower Upper  
136 100  
137 12.1 9.8 14.8  
54 6.8 6.6 9.8  
68 5.1 5.0 7.6



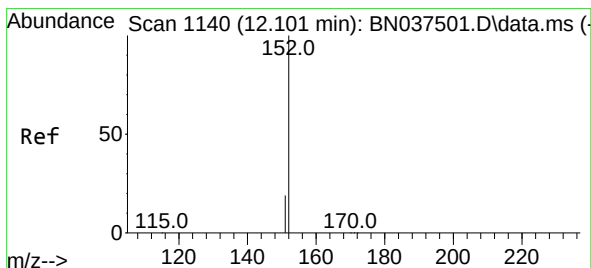
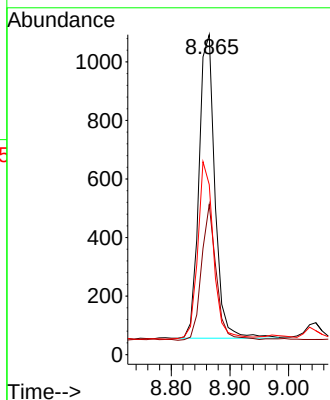
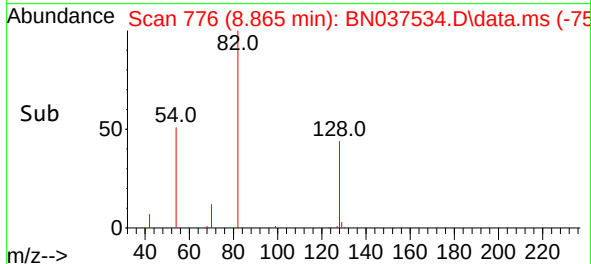


#8  
 Nitrobenzene-d5  
 Concen: 0.313 ng  
 RT: 8.865 min Scan# 71  
 Delta R.T. 0.000 min  
 Lab File: BN037534.D  
 Acq: 22 Jul 2025 12:04

Instrument :  
 BNA\_N  
 ClientSampleId :

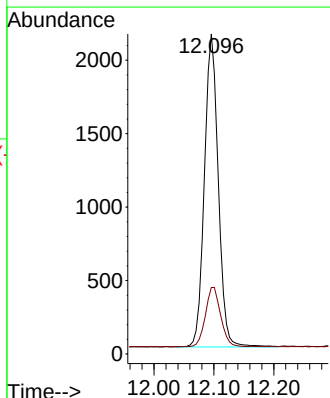
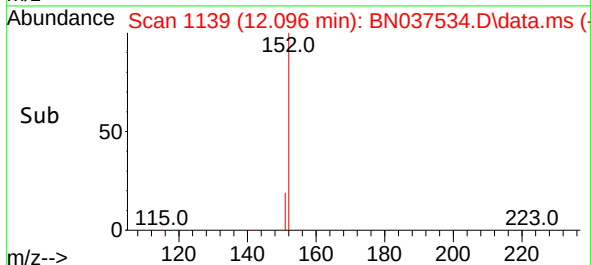
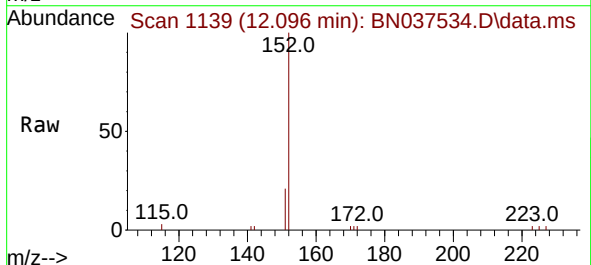


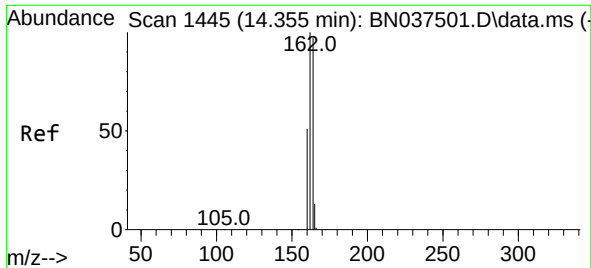
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 46.9  | 37.5  | 56.3  |
| 54      | 53.2  | 45.3  | 67.9  |



#11  
 2-Methylnaphthalene-d10  
 Concen: 0.284 ng  
 RT: 12.096 min Scan# 1139  
 Delta R.T. -0.005 min  
 Lab File: BN037534.D  
 Acq: 22 Jul 2025 12:04

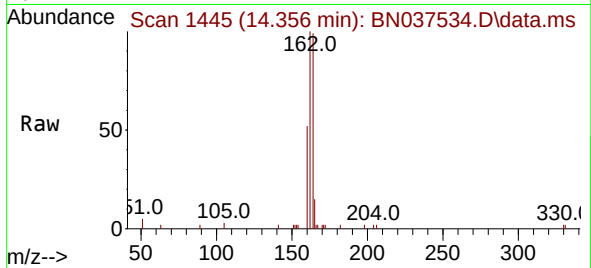
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 21.0  | 16.8  | 25.2  |



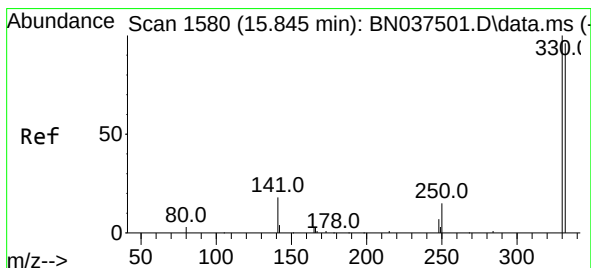
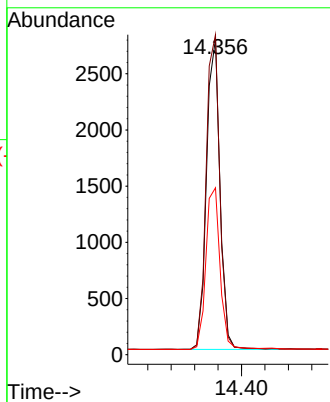
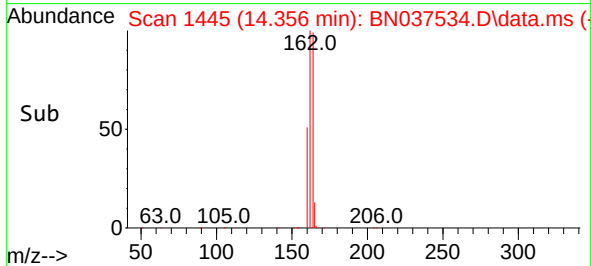


#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.356 min Scan# 1445  
Delta R.T. 0.000 min  
Lab File: BN037534.D  
Acq: 22 Jul 2025 12:04

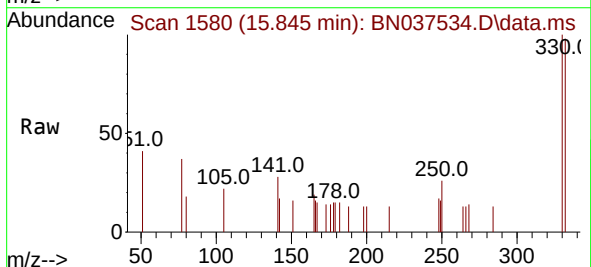
Instrument :  
BNA\_N  
ClientSampleId :



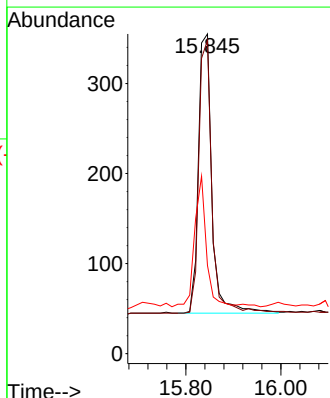
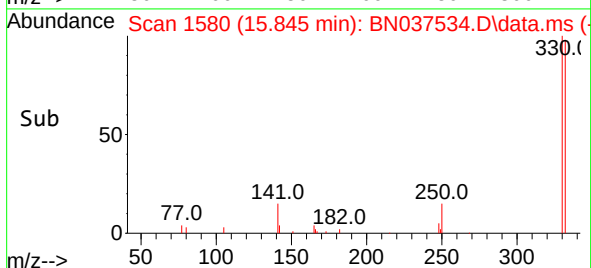
Tgt Ion:164 Resp: 4405  
Ion Ratio Lower Upper  
164 100  
162 101.2 82.0 123.0  
160 52.8 42.4 63.6

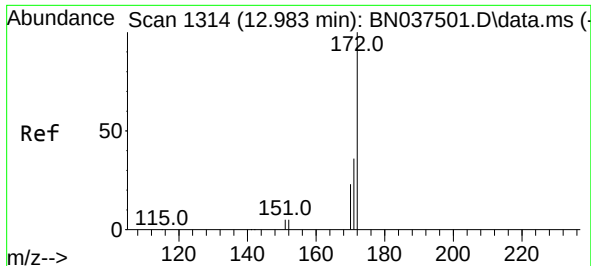


#14  
2,4,6-Tribromophenol  
Concen: 0.282 ng  
RT: 15.845 min Scan# 1580  
Delta R.T. 0.000 min  
Lab File: BN037534.D  
Acq: 22 Jul 2025 12:04



Tgt Ion:330 Resp: 611  
Ion Ratio Lower Upper  
330 100  
332 94.3 76.1 114.1  
141 40.6 33.4 50.0

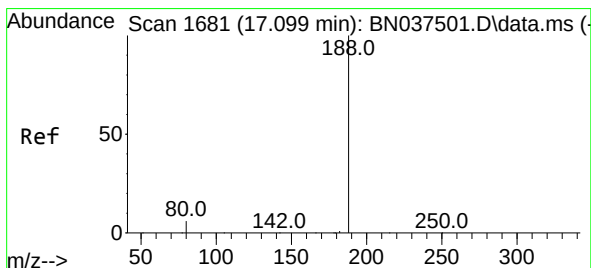
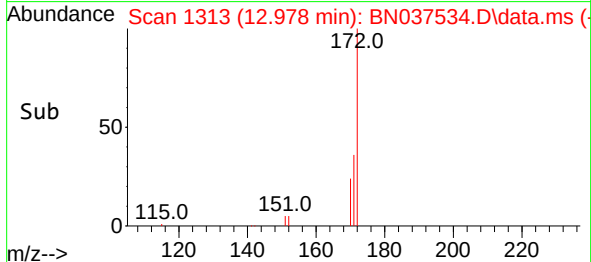
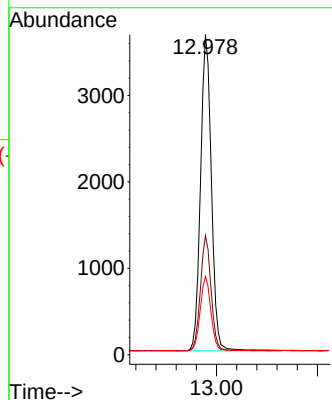
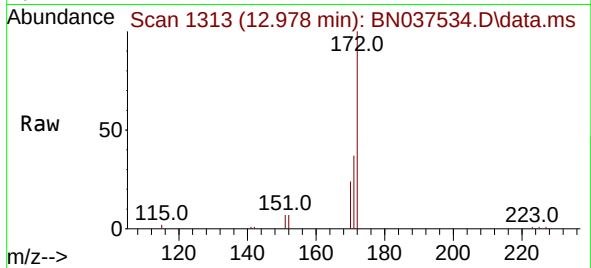




#15  
2-Fluorobiphenyl  
Concen: 0.342 ng  
RT: 12.978 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BN037534.D  
Acq: 22 Jul 2025 12:04

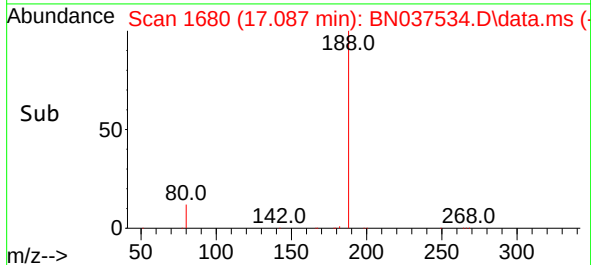
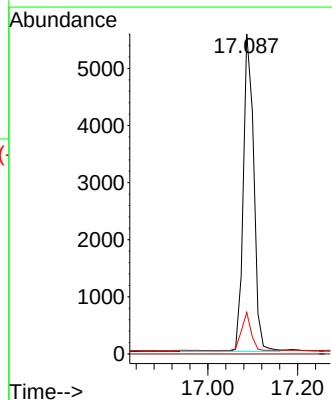
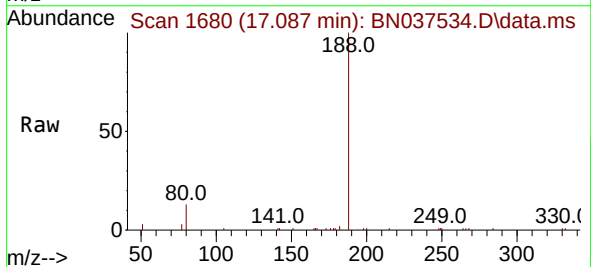
Instrument :  
BNA\_N  
ClientSampleId :

Tgt Ion:172 Resp: 7834  
Ion Ratio Lower Upper  
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171 37.2 29.4 44.2  
170 24.5 19.4 29.0

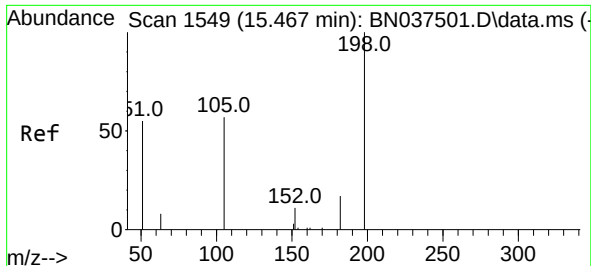


#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.087 min Scan# 1680  
Delta R.T. -0.012 min  
Lab File: BN037534.D  
Acq: 22 Jul 2025 12:04

Tgt Ion:188 Resp: 8925  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 13.0 6.0 9.0#



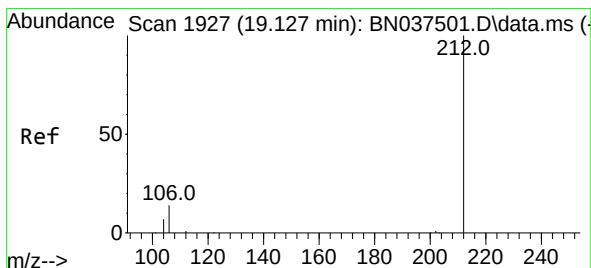
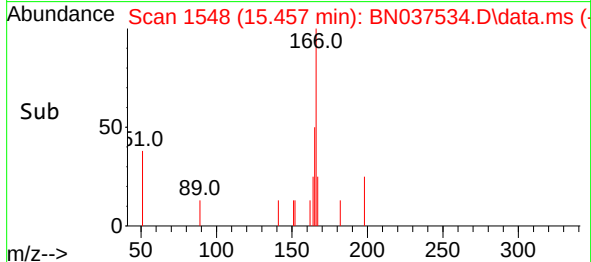
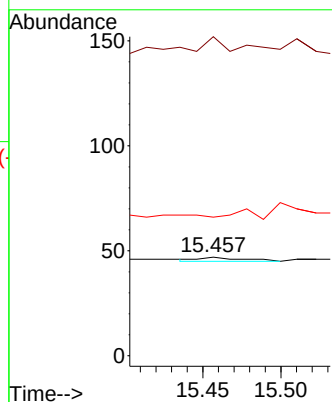
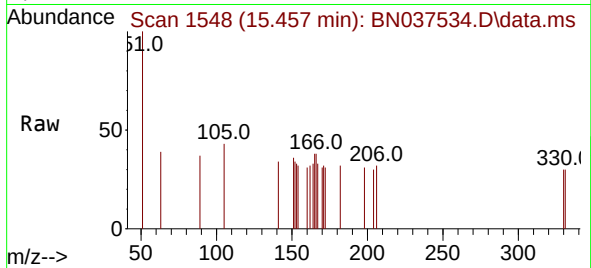




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.097 ng  
RT: 15.457 min Scan# 1548  
Delta R.T. -0.010 min  
Lab File: BN037534.D  
Acq: 22 Jul 2025 12:04

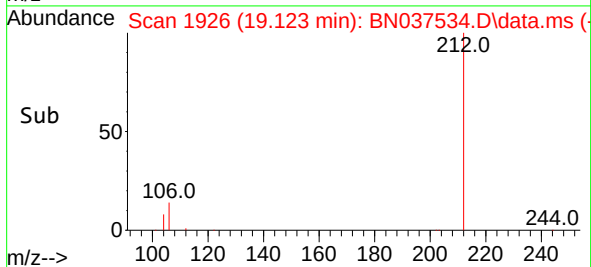
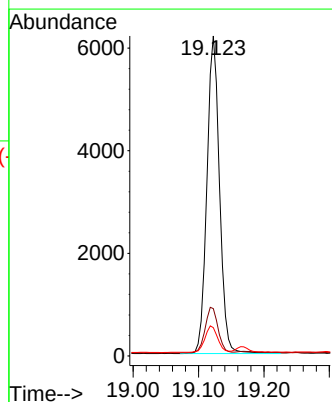
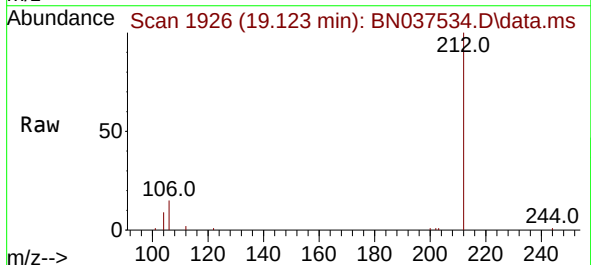
Instrument :  
BNA\_N  
ClientSampleId :

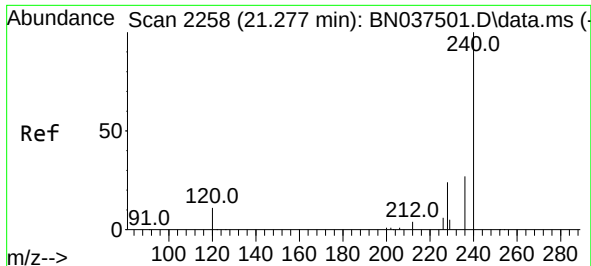
Tgt Ion:198 Resp: 4  
Ion Ratio Lower Upper  
198 100  
51 323.4 88.5 132.7#  
105 140.4 61.2 91.8#



#27  
Fluoranthene-d10  
Concen: 0.350 ng  
RT: 19.123 min Scan# 1926  
Delta R.T. -0.005 min  
Lab File: BN037534.D  
Acq: 22 Jul 2025 12:04

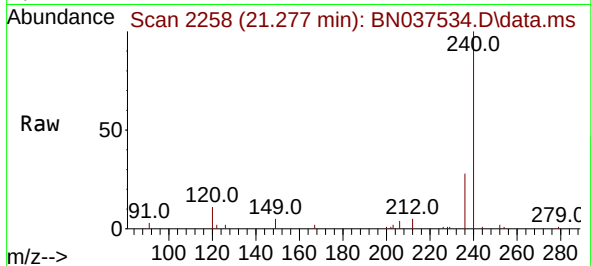
Tgt Ion:212 Resp: 8263  
Ion Ratio Lower Upper  
212 100  
106 14.7 12.2 18.4  
104 8.3 6.7 10.1



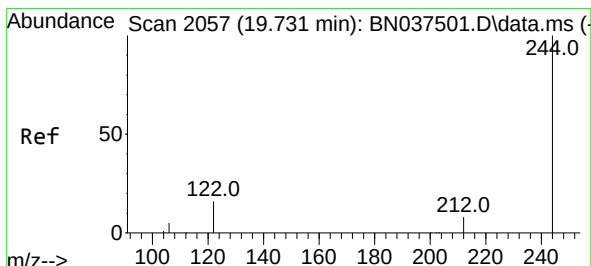
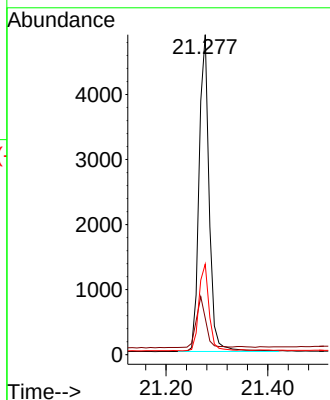
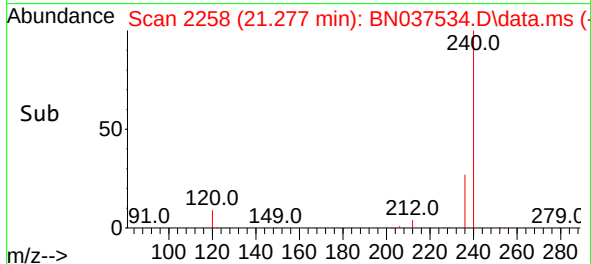


#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.277 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BN037534.D  
Acq: 22 Jul 2025 12:04

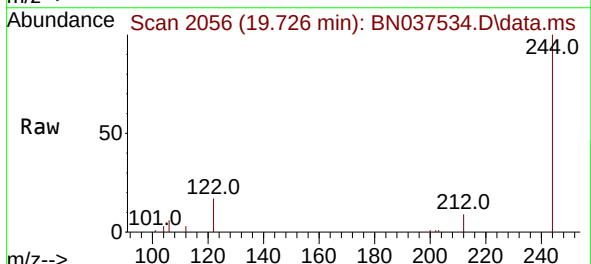
Instrument :  
BNA\_N  
ClientSampleId :



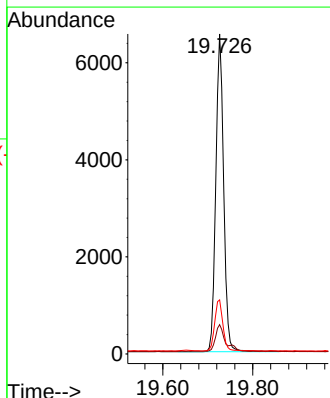
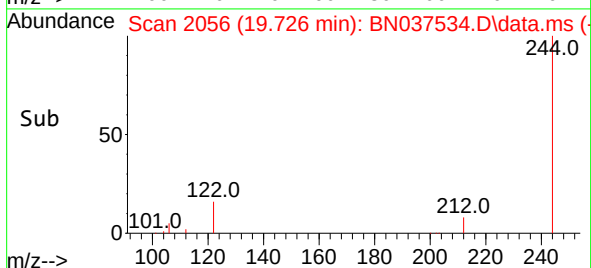
Tgt Ion:240 Resp: 6687  
Ion Ratio Lower Upper  
240 100  
120 11.4 10.7 16.1  
236 28.3 22.6 33.8

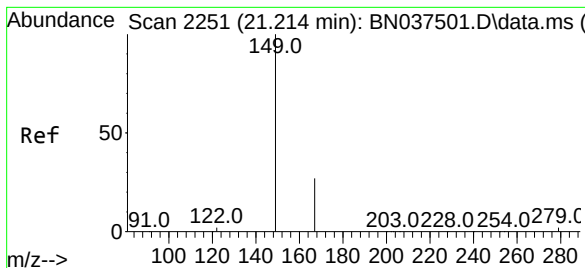


#31  
Terphenyl-d14  
Concen: 0.552 ng  
RT: 19.726 min Scan# 2056  
Delta R.T. -0.005 min  
Lab File: BN037534.D  
Acq: 22 Jul 2025 12:04



Tgt Ion:244 Resp: 7936  
Ion Ratio Lower Upper  
244 100  
212 9.2 7.4 11.2  
122 16.9 13.6 20.4

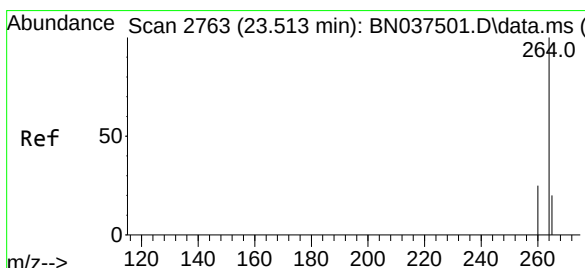
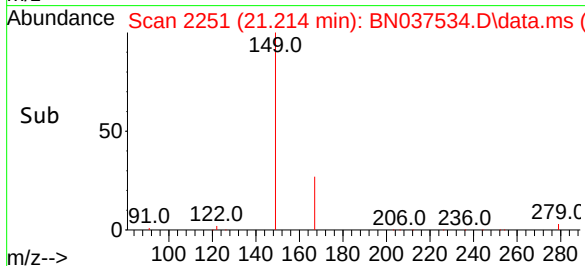
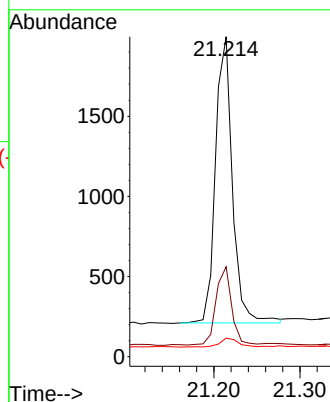
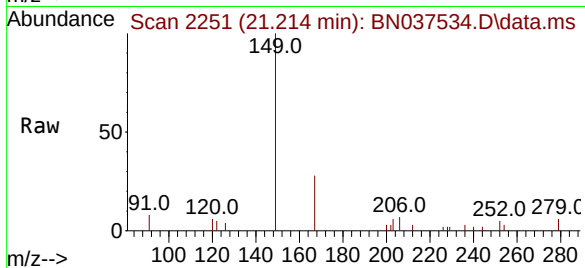




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.231 ng  
 RT: 21.214 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BN037534.D  
 Acq: 22 Jul 2025 12:04

Instrument :  
 BNA\_N  
 ClientSampleId :

Tgt Ion:149 Resp: 2431  
 Ion Ratio Lower Upper  
 149 100  
 167 25.1 21.8 32.8  
 279 3.5 3.0 4.4



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.511 min Scan# 2762  
 Delta R.T. -0.003 min  
 Lab File: BN037534.D  
 Acq: 22 Jul 2025 12:04

Tgt Ion:264 Resp: 2641  
 Ion Ratio Lower Upper  
 264 100  
 260 30.7 21.2 31.8  
 265 84.3 40.4 60.6#

