

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN031725\  
 Data File : BN036672.D  
 Acq On : 17 Mar 2025 23:27  
 Operator : RC/JU  
 Sample : Q1582-09  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT119S1-20250313

Quant Time: Mar 18 00:56:49 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 10 16:06:28 2025  
 Response via : Initial Calibration

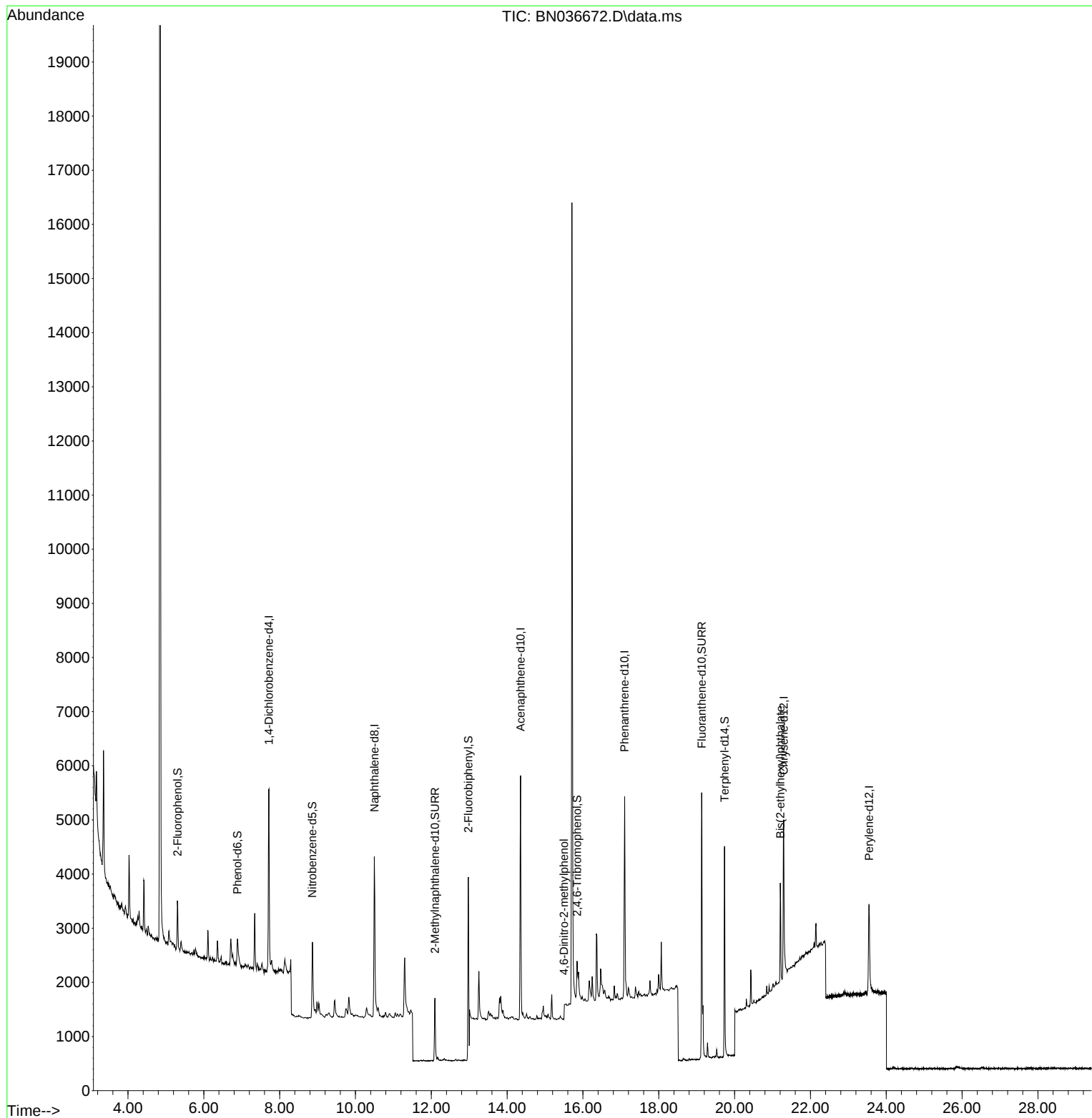
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.717  | 152  | 1721     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.498 | 136  | 4150     | 0.400 | ng    | -0.01    |
| 13) Acenaphthene-d10          | 14.355 | 164  | 2557     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.099 | 188  | 5105     | 0.400 | ng    | -0.01    |
| 29) Chrysene-d12              | 21.295 | 240  | 3477     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.545 | 264  | 2786     | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.305  | 112  | 616      | 0.154 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.886  | 99   | 439      | 0.089 | ng    | -0.01    |
| 8) Nitrobenzene-d5            | 8.864  | 82   | 1367     | 0.303 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.096 | 152  | 1800     | 0.292 | ng    | -0.02    |
| 14) 2,4,6-Tribromophenol      | 15.845 | 330  | 422      | 0.364 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 12.978 | 172  | 4567     | 0.307 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.132 | 212  | 5739     | 0.439 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.736 | 244  | 4110     | 0.493 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 20) 4,6-Dinitro-2-methylph... | 15.499 | 198  | 5        | 0.150 | ng    | # 1      |
| 34) Bis(2-ethylhexyl)phtha... | 21.205 | 149  | 1938     | 0.225 | ng    | # 93     |
| -----                         |        |      |          |       |       |          |

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

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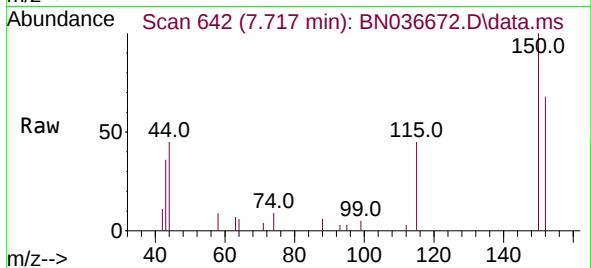
Quant Time: Mar 18 00:56:49 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Mar 10 16:06:28 2025  
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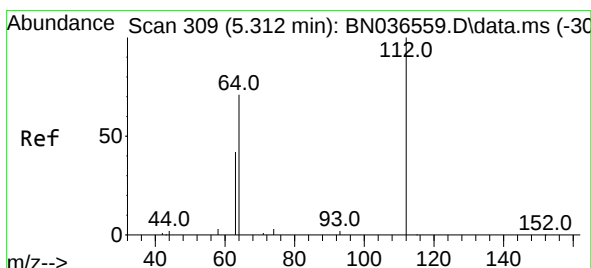
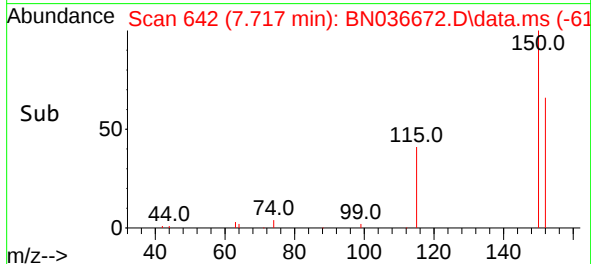
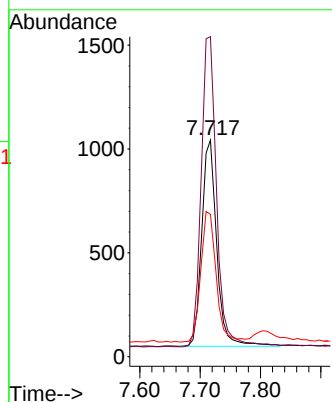


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.717 min Scan# 64  
Delta R.T. -0.007 min  
Lab File: BN036672.D  
Acq: 17 Mar 2025 23:27

Instrument :  
BNA\_N  
ClientSampleId :  
TT119S1-20250313

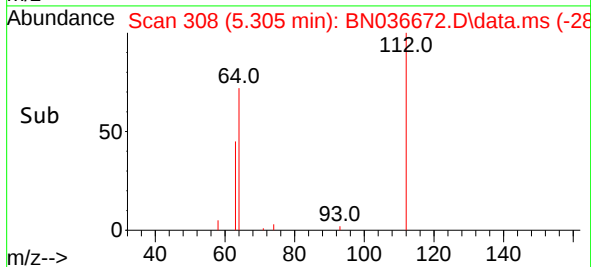
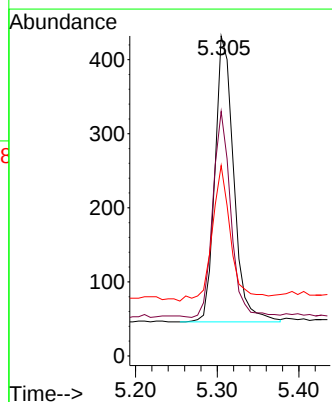
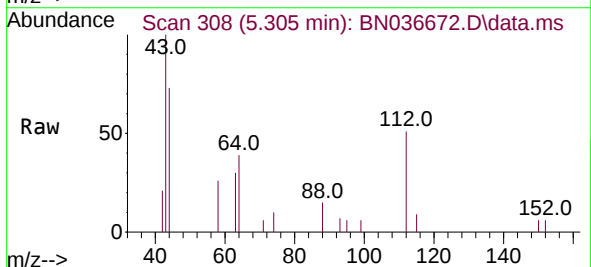


Tgt Ion:152 Resp: 1721  
Ion Ratio Lower Upper  
152 100  
150 147.7 123.7 185.5  
115 65.8 54.3 81.5



#4  
2-Fluorophenol  
Concen: 0.154 ng  
RT: 5.305 min Scan# 308  
Delta R.T. -0.007 min  
Lab File: BN036672.D  
Acq: 17 Mar 2025 23:27

Tgt Ion:112 Resp: 616  
Ion Ratio Lower Upper  
112 100  
64 69.6 53.1 79.7  
63 47.4 31.8 47.8

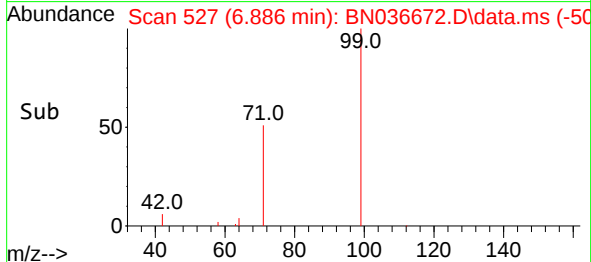
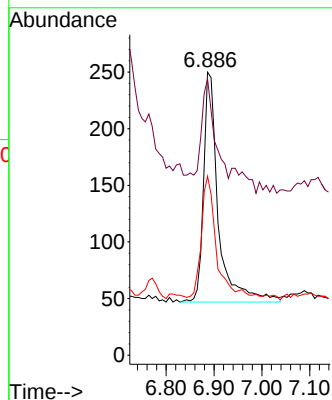
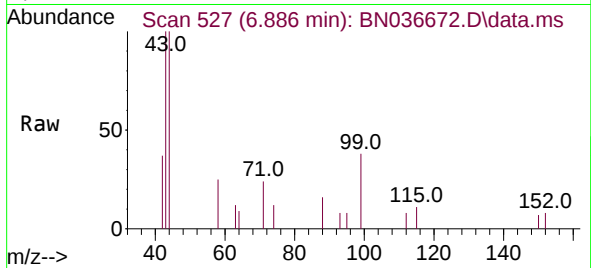




#5  
Phenol-d6  
Concen: 0.089 ng  
RT: 6.886 min Scan# 51  
Delta R.T. -0.014 min  
Lab File: BN036672.D  
Acq: 17 Mar 2025 23:27

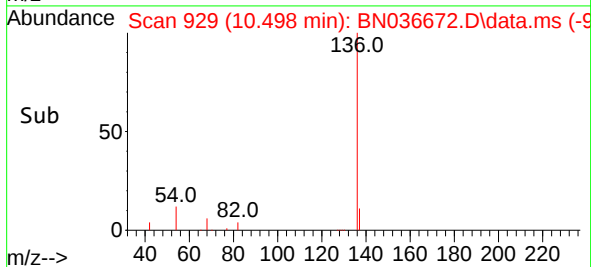
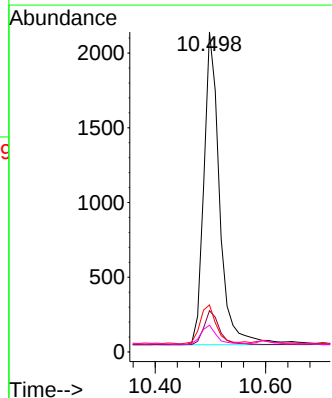
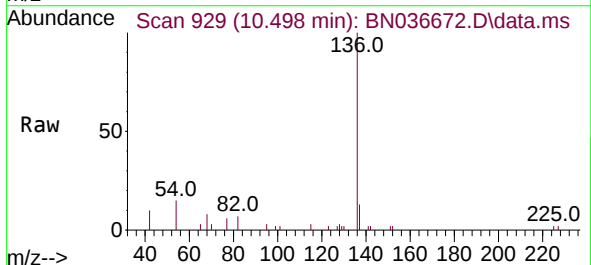
Instrument :  
BNA\_N  
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Tgt Ion: 99 Resp: 439  
Ion Ratio Lower Upper  
99 100  
42 34.9 26.5 39.7  
71 52.6 34.1 51.1#



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.498 min Scan# 929  
Delta R.T. -0.011 min  
Lab File: BN036672.D  
Acq: 17 Mar 2025 23:27

Tgt Ion: 136 Resp: 4150  
Ion Ratio Lower Upper  
136 100  
137 12.9 10.3 15.5  
54 14.7 11.5 17.3  
68 8.4 7.0 10.4

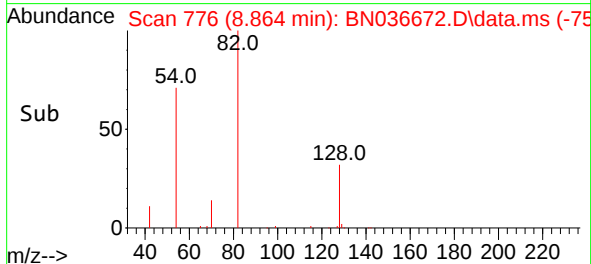
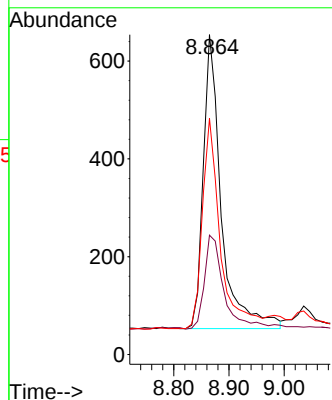
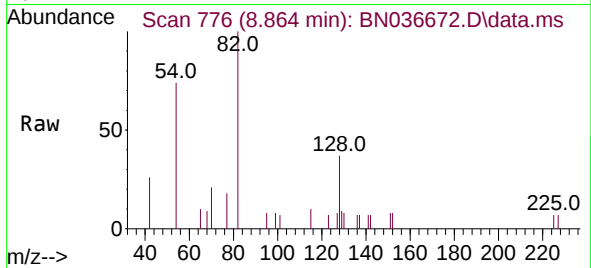




#8  
Nitrobenzene-d5  
Concen: 0.303 ng  
RT: 8.864 min Scan# 71  
Delta R.T. -0.011 min  
Lab File: BN036672.D  
Acq: 17 Mar 2025 23:27

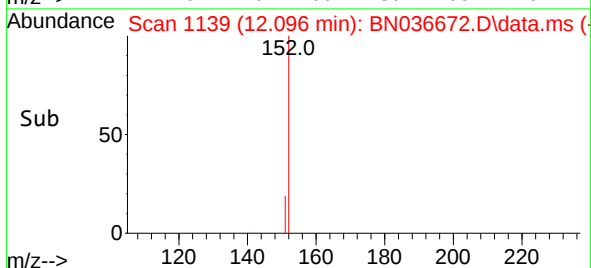
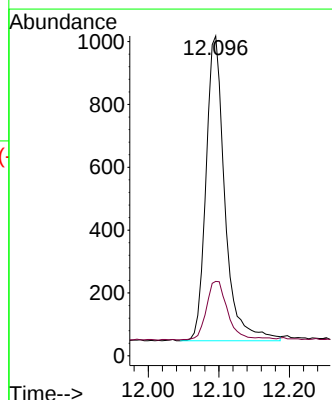
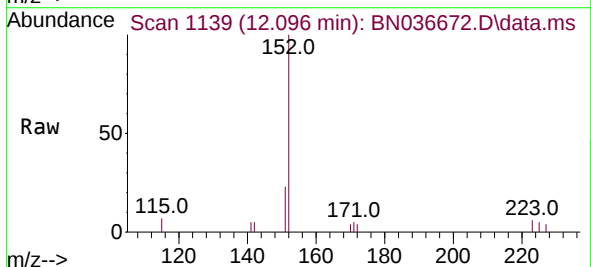
Instrument :  
BNA\_N  
ClientSampleId :  
TT119S1-20250313

Tgt Ion: 82 Resp: 1367  
Ion Ratio Lower Upper  
82 100  
128 37.3 30.6 45.8  
54 73.9 52.2 78.4



#11  
2-Methylnaphthalene-d10  
Concen: 0.292 ng  
RT: 12.096 min Scan# 1139  
Delta R.T. -0.015 min  
Lab File: BN036672.D  
Acq: 17 Mar 2025 23:27

Tgt Ion: 152 Resp: 1800  
Ion Ratio Lower Upper  
152 100  
151 21.8 17.0 25.6

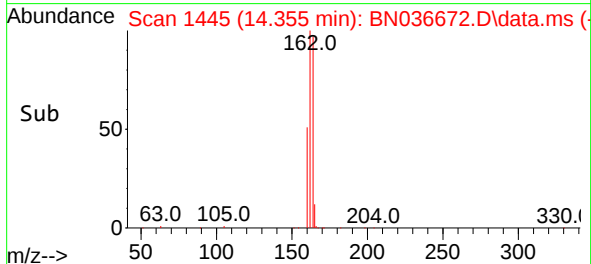
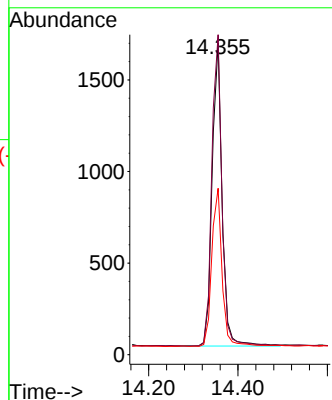
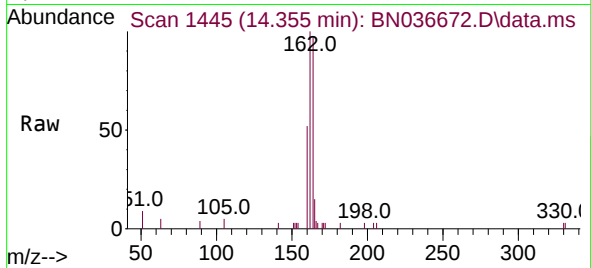




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.355 min Scan# 1446  
Delta R.T. -0.011 min  
Lab File: BN036672.D  
Acq: 17 Mar 2025 23:27

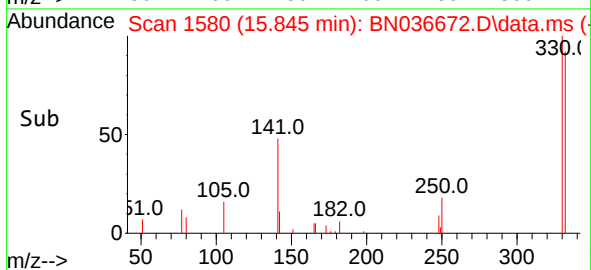
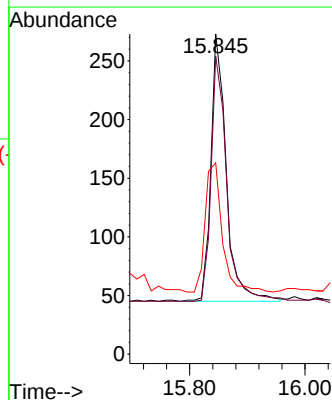
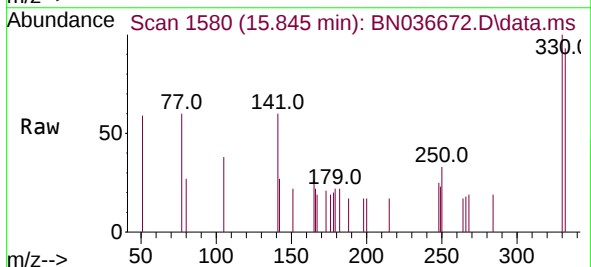
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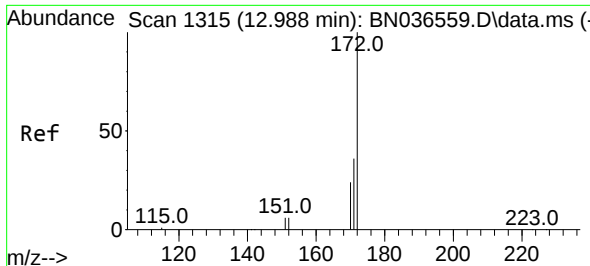
Tgt Ion:164 Resp: 2557  
Ion Ratio Lower Upper  
164 100  
162 102.6 84.2 126.2  
160 53.4 42.2 63.2



#14  
2,4,6-Tribromophenol  
Concen: 0.364 ng  
RT: 15.845 min Scan# 1580  
Delta R.T. -0.012 min  
Lab File: BN036672.D  
Acq: 17 Mar 2025 23:27

Tgt Ion:330 Resp: 422  
Ion Ratio Lower Upper  
330 100  
332 93.1 75.2 112.8  
141 53.6 43.4 65.2

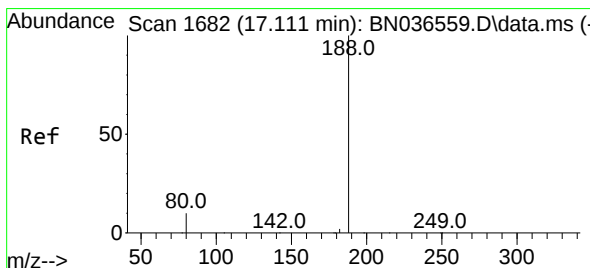
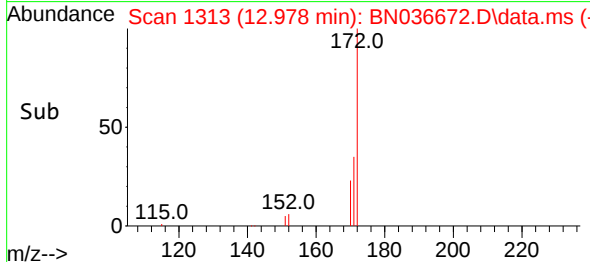
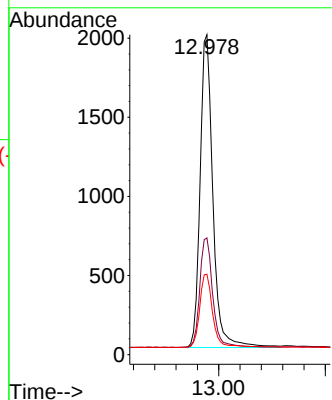
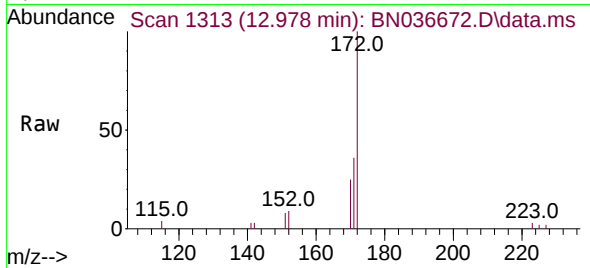




#15  
2-Fluorobiphenyl  
Concen: 0.307 ng  
RT: 12.978 min Scan# 11  
Delta R.T. -0.010 min  
Lab File: BN036672.D  
Acq: 17 Mar 2025 23:27

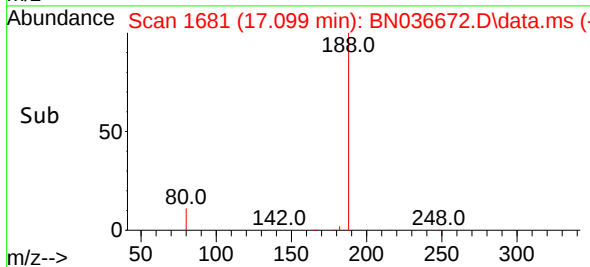
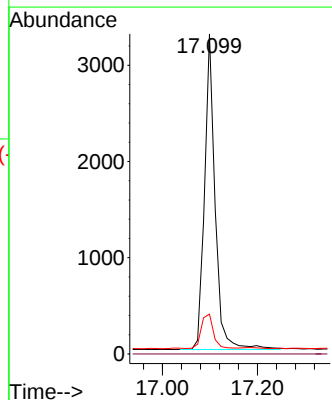
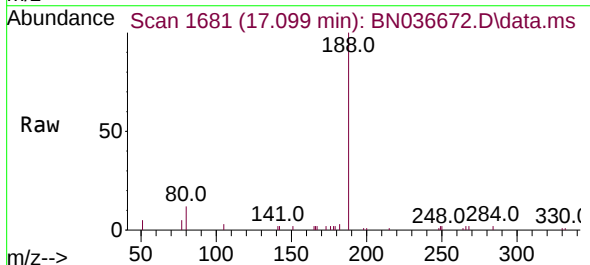
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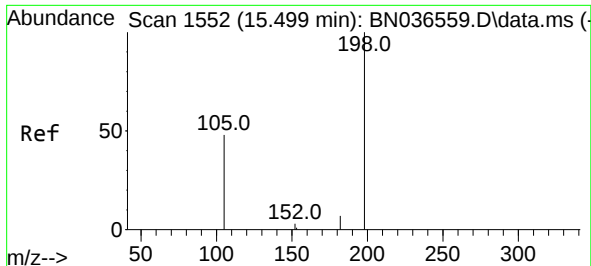
Tgt Ion:172 Resp: 4567  
Ion Ratio Lower Upper  
172 100  
171 36.5 29.5 44.3  
170 25.1 20.2 30.4



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.099 min Scan# 1681  
Delta R.T. -0.012 min  
Lab File: BN036672.D  
Acq: 17 Mar 2025 23:27

Tgt Ion:188 Resp: 5105  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 12.4 8.8 13.2

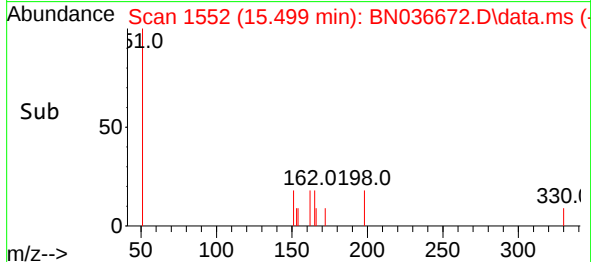
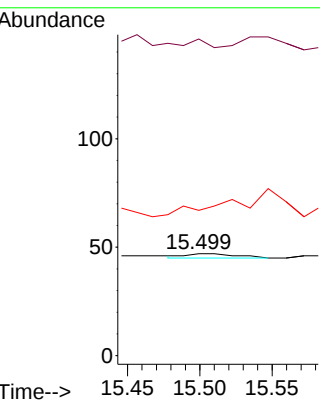
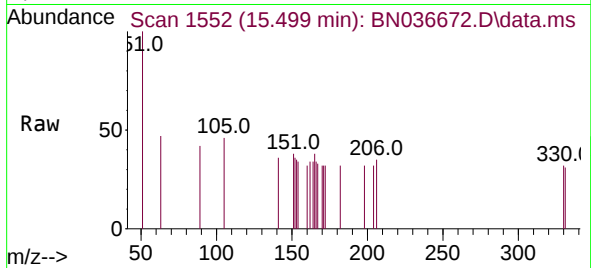




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.150 ng  
RT: 15.499 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN036672.D  
Acq: 17 Mar 2025 23:27

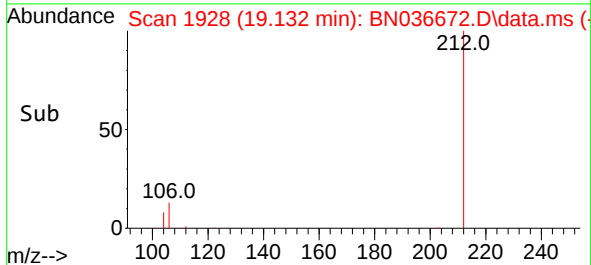
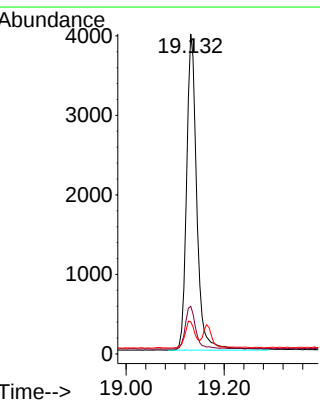
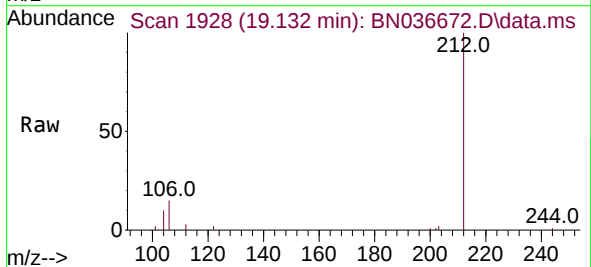
Instrument :  
BNA\_N  
ClientSampleId :  
TT119S1-20250313

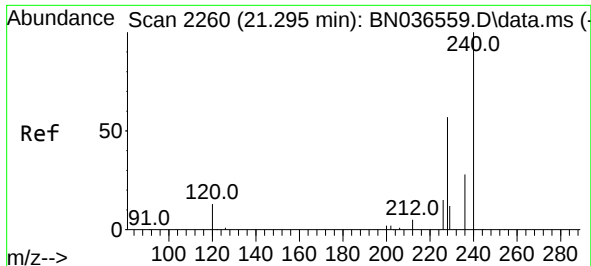
Tgt Ion:198 Resp: 5  
Ion Ratio Lower Upper  
198 100  
51 310.6 107.9 161.9#  
105 142.6 56.2 84.2#



#27  
Fluoranthene-d10  
Concen: 0.439 ng  
RT: 19.132 min Scan# 1928  
Delta R.T. -0.009 min  
Lab File: BN036672.D  
Acq: 17 Mar 2025 23:27

Tgt Ion:212 Resp: 5739  
Ion Ratio Lower Upper  
212 100  
106 13.9 11.8 17.6  
104 8.4 7.3 10.9

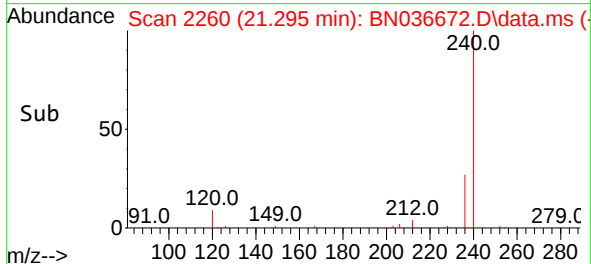
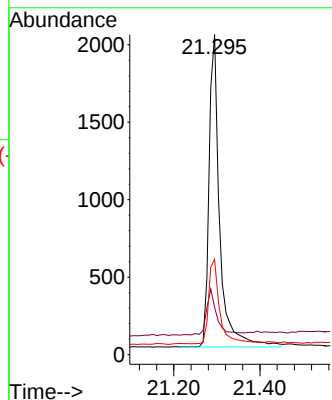
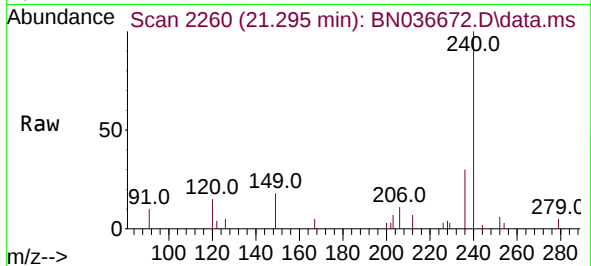




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.295 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BN036672.D  
Acq: 17 Mar 2025 23:27

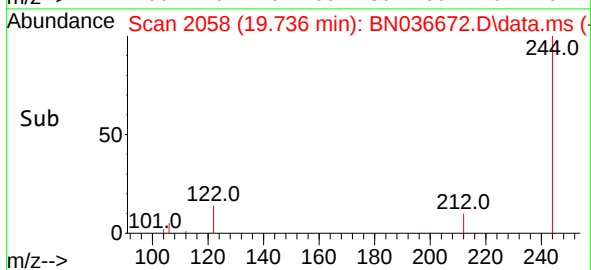
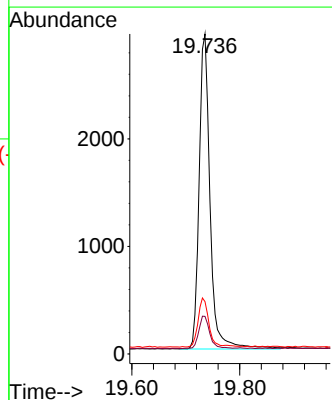
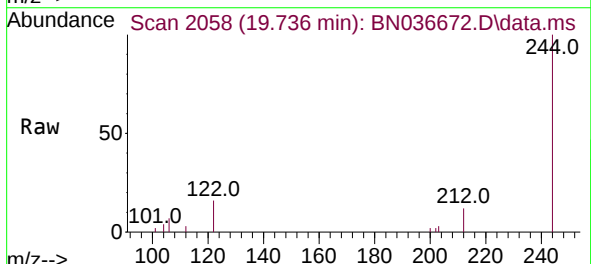
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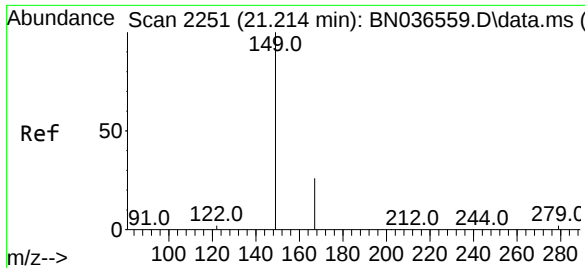
Tgt Ion:240 Resp: 3477  
Ion Ratio Lower Upper  
240 100  
120 14.8 14.6 22.0  
236 29.8 24.1 36.1



#31  
Terphenyl-d14  
Concen: 0.493 ng  
RT: 19.736 min Scan# 2058  
Delta R.T. -0.009 min  
Lab File: BN036672.D  
Acq: 17 Mar 2025 23:27

Tgt Ion:244 Resp: 4110  
Ion Ratio Lower Upper  
244 100  
212 11.8 9.6 14.4  
122 16.3 13.9 20.9

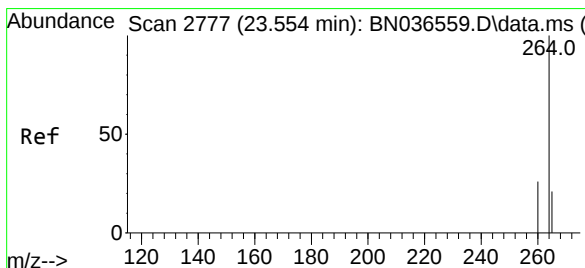
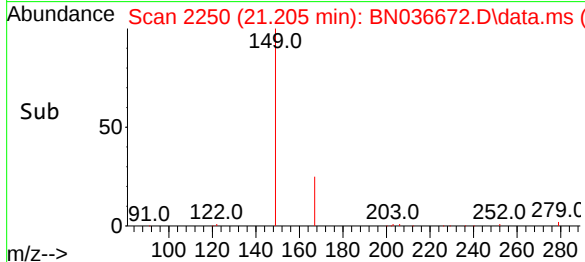
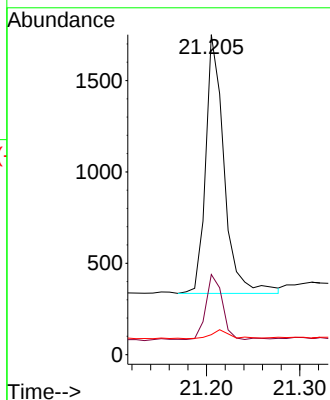
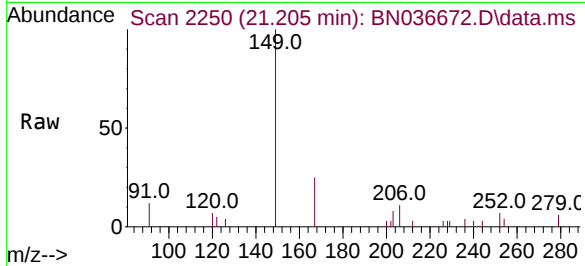




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.225 ng  
 RT: 21.205 min Scan# 21  
 Delta R.T. -0.009 min  
 Lab File: BN036672.D  
 Acq: 17 Mar 2025 23:27

Instrument :  
 BNA\_N  
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Tgt Ion:149 Resp: 1938  
 Ion Ratio Lower Upper  
 149 100  
 167 22.2 20.7 31.1  
 279 3.6 3.6 5.4#



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.545 min Scan# 2774  
 Delta R.T. -0.009 min  
 Lab File: BN036672.D  
 Acq: 17 Mar 2025 23:27

Tgt Ion:264 Resp: 2786  
 Ion Ratio Lower Upper  
 264 100  
 260 28.1 22.6 33.8  
 265 101.2 88.1 132.1

