

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032725\  
 Data File : BN036758.D  
 Acq On : 28 Mar 2025 04:22  
 Operator : RC/JU  
 Sample : PB167269BL  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB167269BL

Quant Time: Mar 28 05:37:19 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   | 7.703  | 152  | 2126     | 0.400 | ng    | -0.02    |
| 7) Naphthalene-d8           | 10.498 | 136  | 4744     | 0.400 | ng    | -0.01    |
| 13) Acenaphthene-d10        | 14.345 | 164  | 2602     | 0.400 | ng    | -0.02    |
| 19) Phenanthrene-d10        | 17.099 | 188  | 5169     | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12            | 21.277 | 240  | 3967     | 0.400 | ng    | -0.02    |
| 35) Perylene-d12            | 23.528 | 264  | 2206     | 0.400 | ng    | #-0.03   |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.298  | 112  | 2117     | 0.427 | ng    | -0.01    |
| 5) Phenol-d6                | 6.879  | 99   | 2225     | 0.364 | ng    | -0.02    |
| 8) Nitrobenzene-d5          | 8.864  | 82   | 1610     | 0.312 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10 | 12.095 | 152  | 2360     | 0.334 | ng    | -0.02    |
| 14) 2,4,6-Tribromophenol    | 15.857 | 330  | 426      | 0.361 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl        | 12.983 | 172  | 4427     | 0.292 | ng    | 0.00     |
| 27) Fluoranthene-d10        | 19.122 | 212  | 5420     | 0.409 | ng    | -0.02    |
| 31) Terphenyl-d14           | 19.726 | 244  | 3725     | 0.392 | ng    | -0.02    |

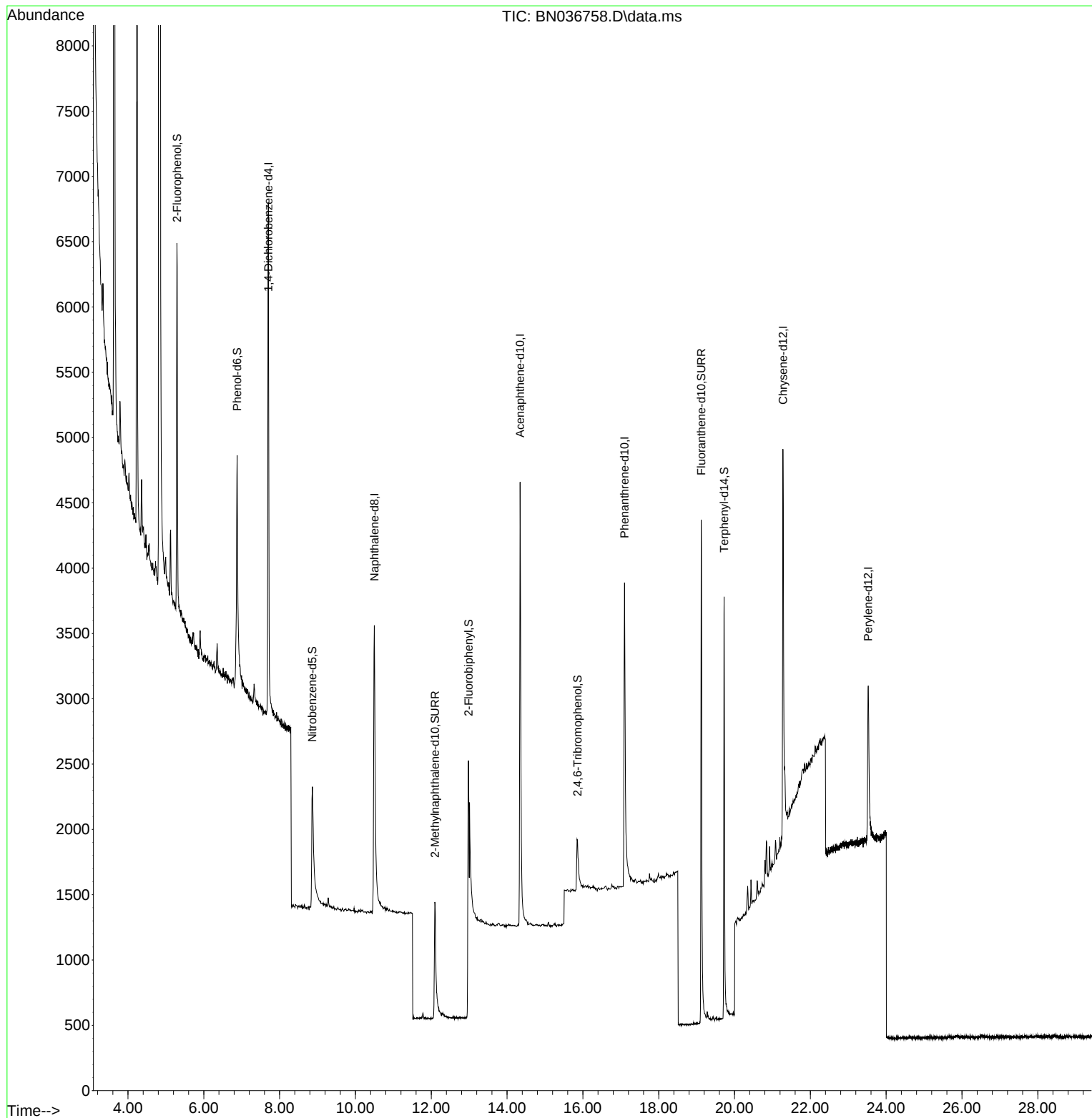
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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QLast Update : Mon Mar 10 16:06:28 2025  
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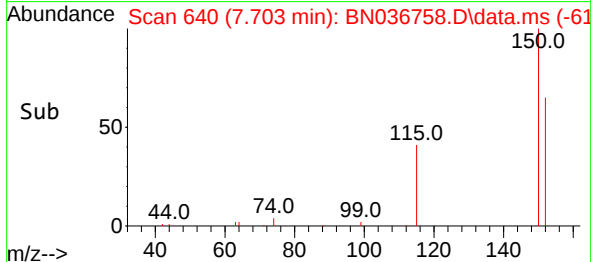
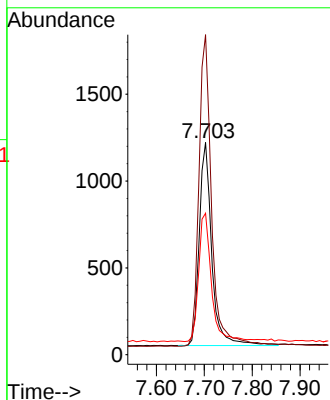
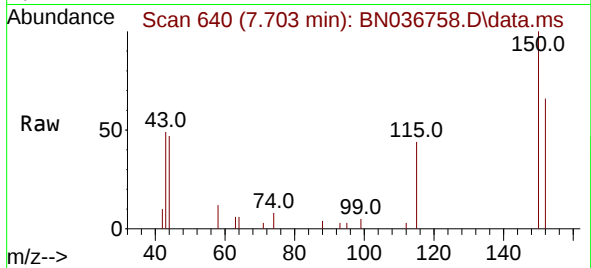




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.703 min Scan# 64  
Delta R.T. -0.021 min  
Lab File: BN036758.D  
Acq: 28 Mar 2025 04:22

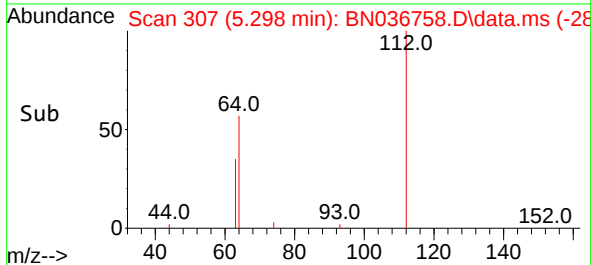
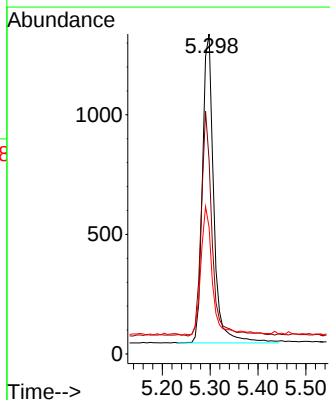
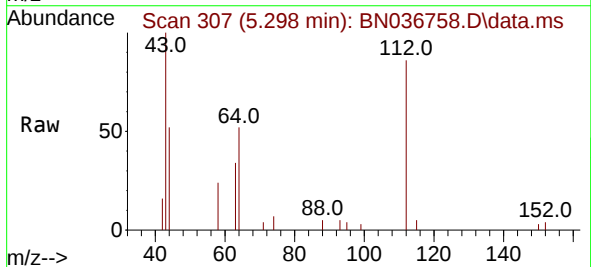
Instrument :  
BNA\_N  
ClientSampleId :  
PB167269BL

Tgt Ion:152 Resp: 2126  
Ion Ratio Lower Upper  
152 100  
150 150.8 123.7 185.5  
115 66.7 54.3 81.5



#4  
2-Fluorophenol  
Concen: 0.427 ng  
RT: 5.298 min Scan# 307  
Delta R.T. -0.014 min  
Lab File: BN036758.D  
Acq: 28 Mar 2025 04:22

Tgt Ion:112 Resp: 2117  
Ion Ratio Lower Upper  
112 100  
64 69.8 53.1 79.7  
63 42.0 31.8 47.8

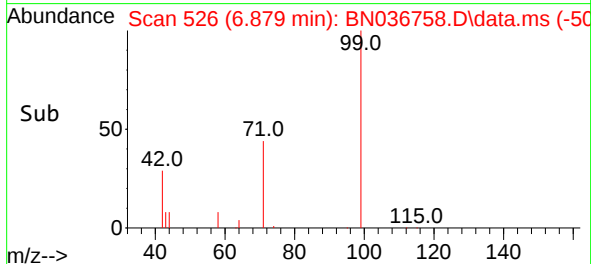
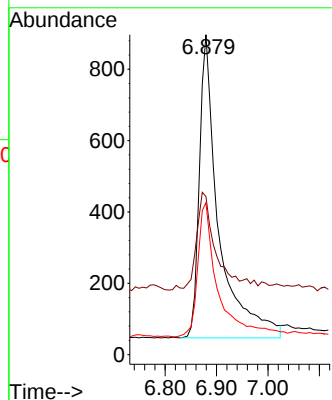
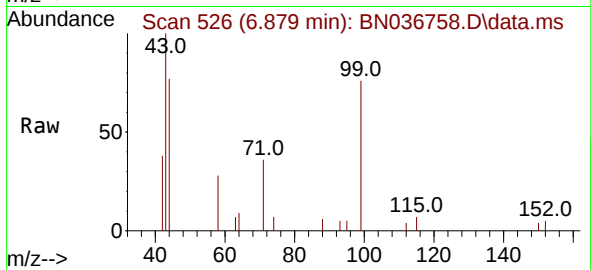




#5  
Phenol-d6  
Concen: 0.364 ng  
RT: 6.879 min Scan# 51  
Delta R.T. -0.022 min  
Lab File: BN036758.D  
Acq: 28 Mar 2025 04:22

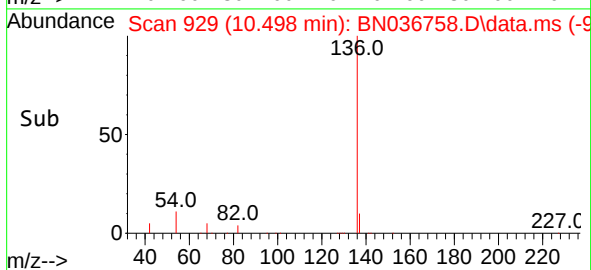
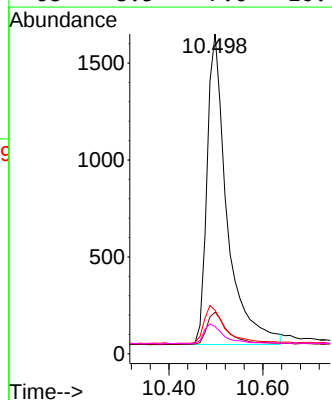
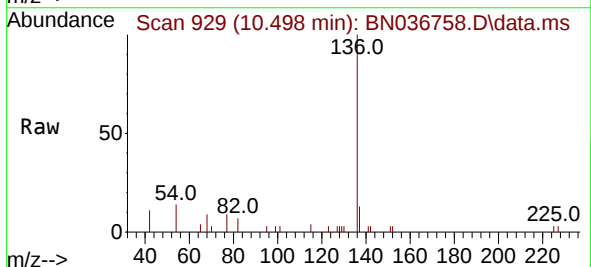
Instrument :  
BNA\_N  
ClientSampleId :  
PB167269BL

Tgt Ion: 99 Resp: 2225  
Ion Ratio Lower Upper  
99 100  
42 33.1 26.5 39.7  
71 46.4 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: BN036758.D  
Acq: 28 Mar 2025 04:22

Tgt Ion: 136 Resp: 4744  
Ion Ratio Lower Upper  
136 100  
137 13.0 10.3 15.5  
54 13.6 11.5 17.3  
68 8.5 7.0 10.4

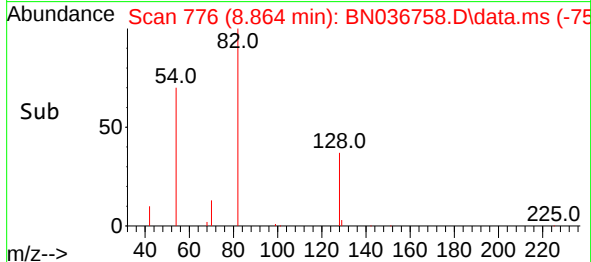
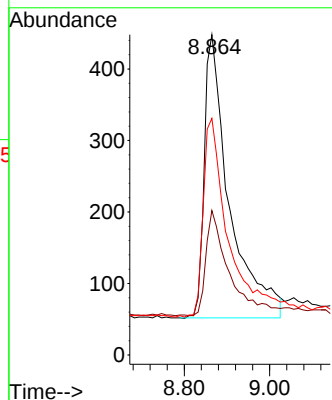
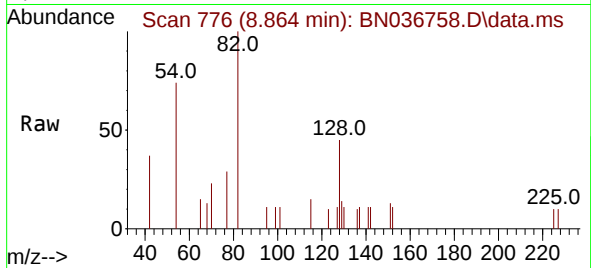




#8  
 Nitrobenzene-d5  
 Concen: 0.312 ng  
 RT: 8.864 min Scan# 71  
 Delta R.T. -0.011 min  
 Lab File: BN036758.D  
 Acq: 28 Mar 2025 04:22

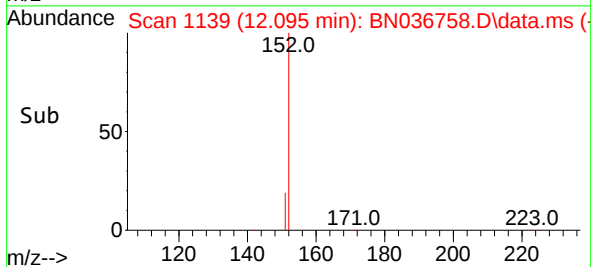
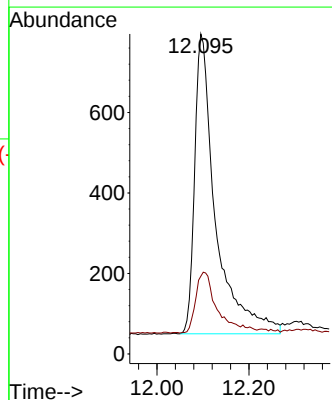
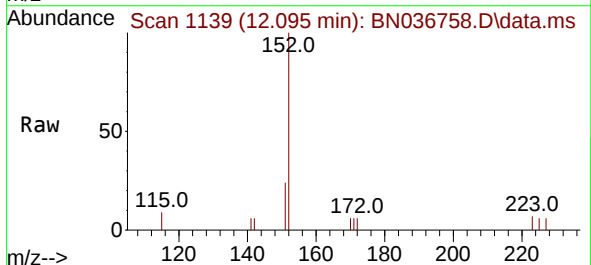
Instrument :  
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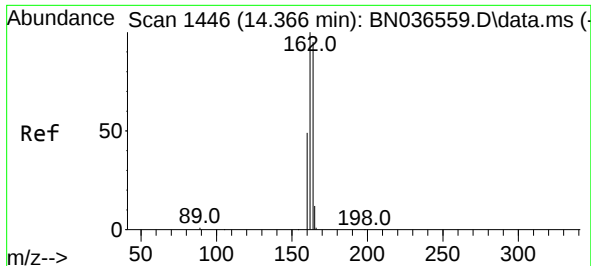
Tgt Ion: 82 Resp: 1610  
 Ion Ratio Lower Upper  
 82 100  
 128 45.1 30.6 45.8  
 54 73.9 52.2 78.4



#11  
 2-Methylnaphthalene-d10  
 Concen: 0.334 ng  
 RT: 12.095 min Scan# 1139  
 Delta R.T. -0.015 min  
 Lab File: BN036758.D  
 Acq: 28 Mar 2025 04:22

Tgt Ion: 152 Resp: 2360  
 Ion Ratio Lower Upper  
 152 100  
 151 20.8 17.0 25.6

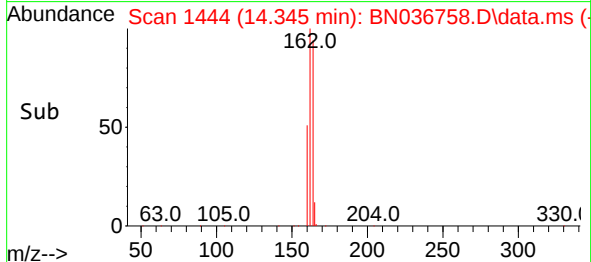
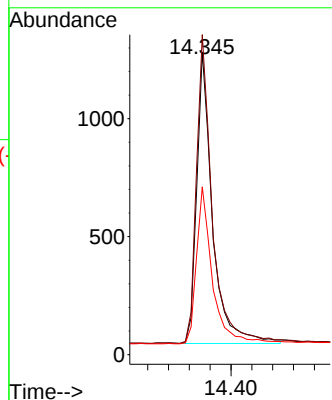
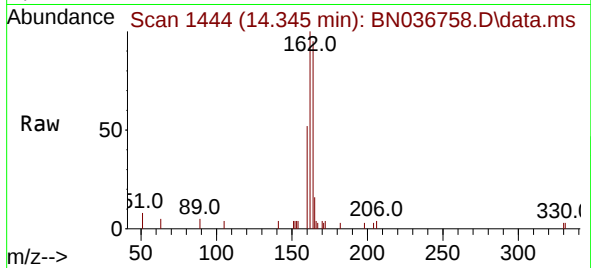




#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.345 min Scan# 1444  
 Delta R.T. -0.021 min  
 Lab File: BN036758.D  
 Acq: 28 Mar 2025 04:22

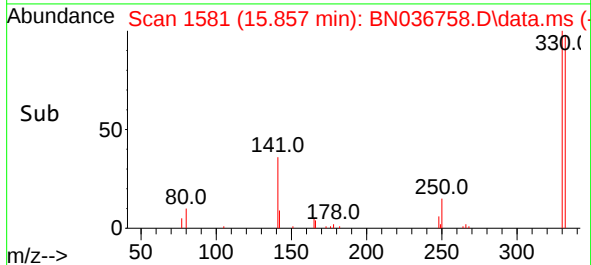
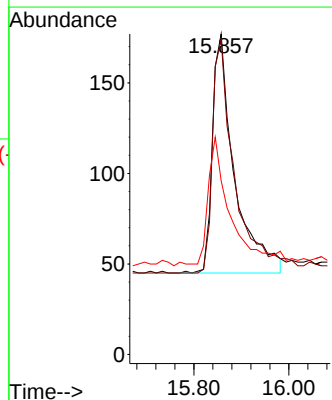
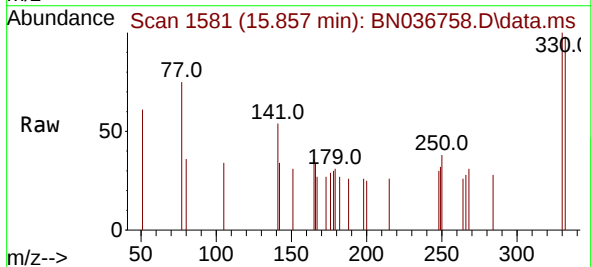
Instrument :  
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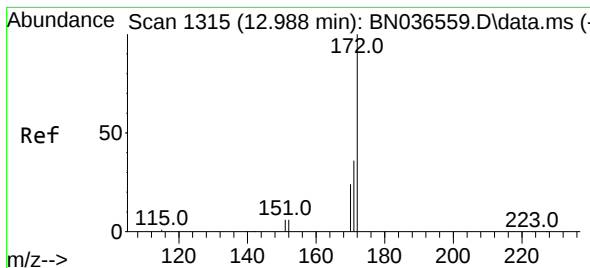
Tgt Ion:164 Resp: 2602  
 Ion Ratio Lower Upper  
 164 100  
 162 105.7 84.2 126.2  
 160 55.4 42.2 63.2



#14  
 2,4,6-Tribromophenol  
 Concen: 0.361 ng  
 RT: 15.857 min Scan# 1581  
 Delta R.T. -0.000 min  
 Lab File: BN036758.D  
 Acq: 28 Mar 2025 04:22

Tgt Ion:330 Resp: 426  
 Ion Ratio Lower Upper  
 330 100  
 332 96.9 75.2 112.8  
 141 50.7 43.4 65.2

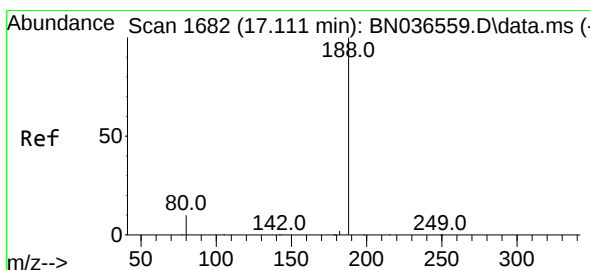
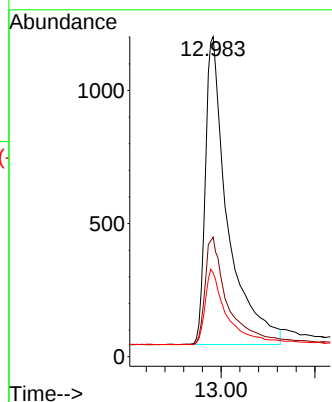
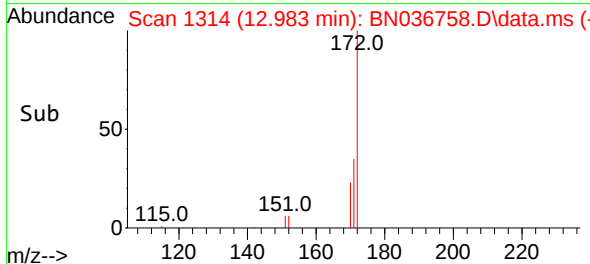
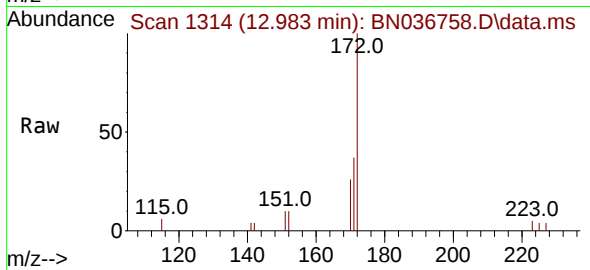




#15  
2-Fluorobiphenyl  
Concen: 0.292 ng  
RT: 12.983 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BN036758.D  
Acq: 28 Mar 2025 04:22

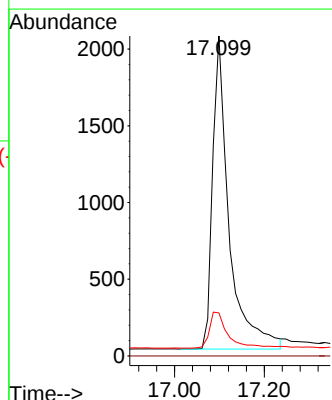
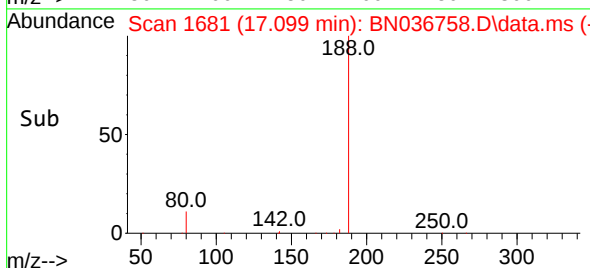
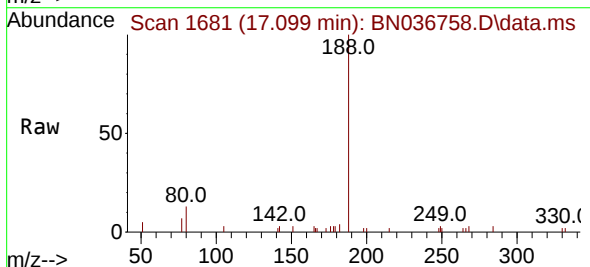
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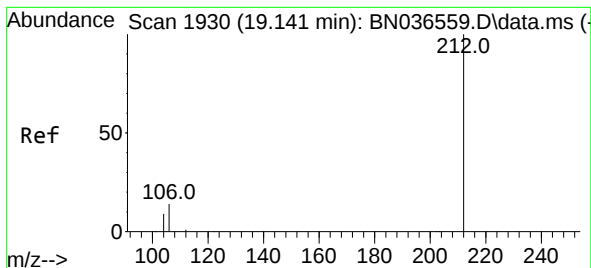
Tgt Ion:172 Resp: 4427  
Ion Ratio Lower Upper  
172 100  
171 37.4 29.5 44.3  
170 26.2 20.2 30.4



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.099 min Scan# 1681  
Delta R.T. -0.012 min  
Lab File: BN036758.D  
Acq: 28 Mar 2025 04:22

Tgt Ion:188 Resp: 5169  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 13.4 8.8 13.2#

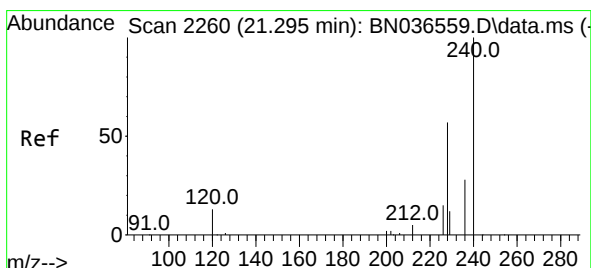
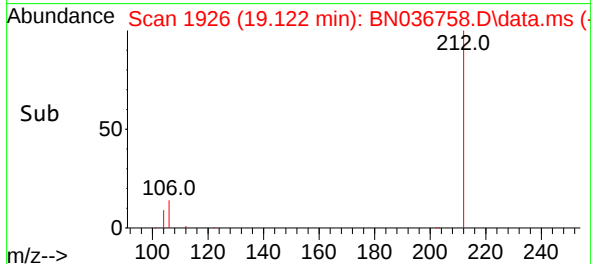
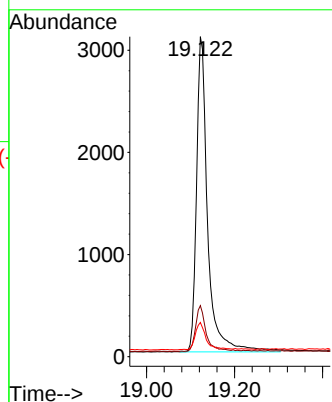
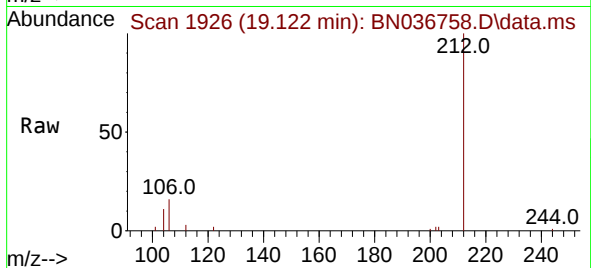




#27  
Fluoranthene-d10  
Concen: 0.409 ng  
RT: 19.122 min Scan# 1912  
Delta R.T. -0.019 min  
Lab File: BN036758.D  
Acq: 28 Mar 2025 04:22

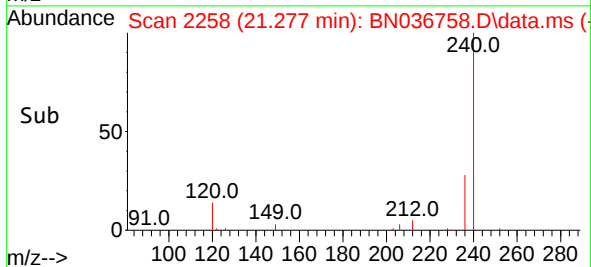
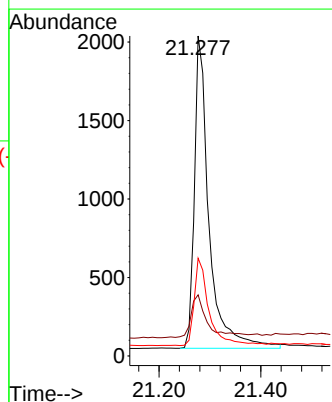
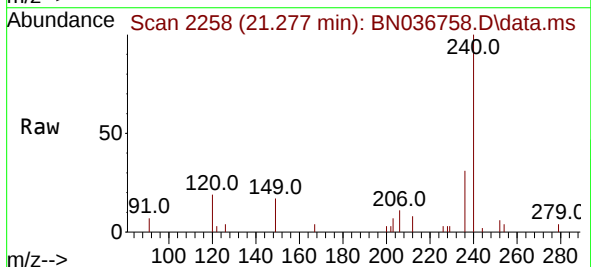
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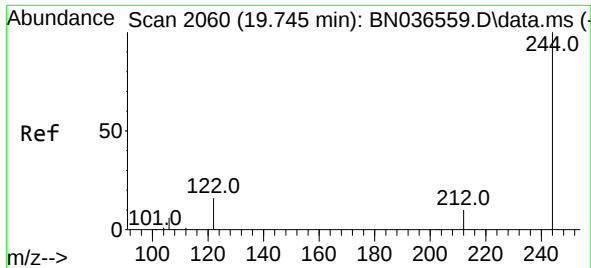
Tgt Ion:212 Resp: 5420  
Ion Ratio Lower Upper  
212 100  
106 13.5 11.8 17.6  
104 8.5 7.3 10.9



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.277 min Scan# 2258  
Delta R.T. -0.018 min  
Lab File: BN036758.D  
Acq: 28 Mar 2025 04:22

Tgt Ion:240 Resp: 3967  
Ion Ratio Lower Upper  
240 100  
120 19.1 14.6 22.0  
236 30.6 24.1 36.1

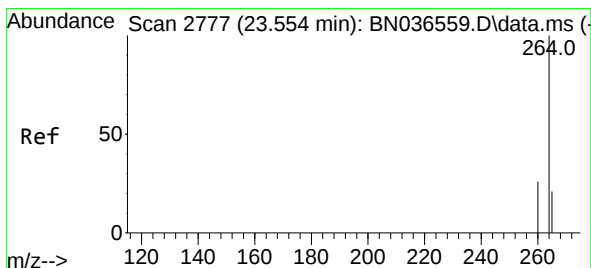
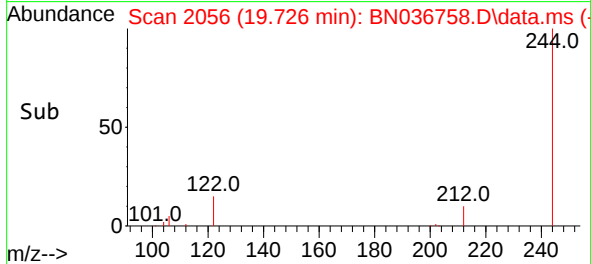
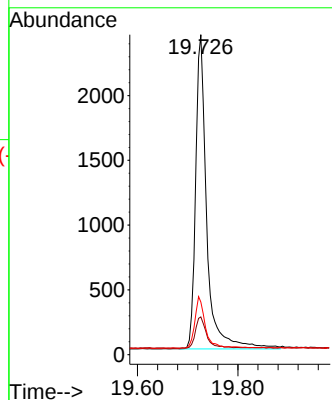
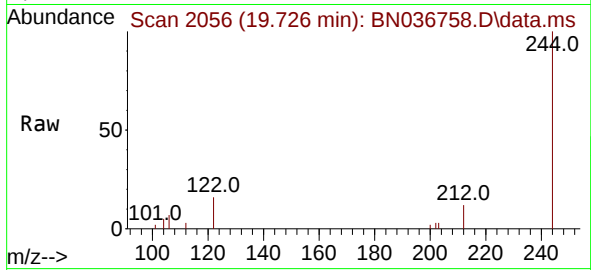




#31  
Terphenyl-d14  
Concen: 0.392 ng  
RT: 19.726 min Scan# 2056  
Delta R.T. -0.019 min  
Lab File: BN036758.D  
Acq: 28 Mar 2025 04:22

Instrument :  
BNA\_N  
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PB167269BL

Tgt Ion:244 Resp: 3725  
Ion Ratio Lower Upper  
244 100  
212 11.8 9.6 14.4  
122 16.4 13.9 20.9



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.528 min Scan# 2768  
Delta R.T. -0.026 min  
Lab File: BN036758.D  
Acq: 28 Mar 2025 04:22

Tgt Ion:264 Resp: 2206  
Ion Ratio Lower Upper  
264 100  
260 30.3 22.6 33.8  
265 139.8 88.1 132.1#

