

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN040425\  
 Data File : BN036838.D  
 Acq On : 04 Apr 2025 16:46  
 Operator : RC/JU  
 Sample : PB167468BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Apr 04 17:31:41 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 04 17:30:43 2025  
 Response via : Initial Calibration

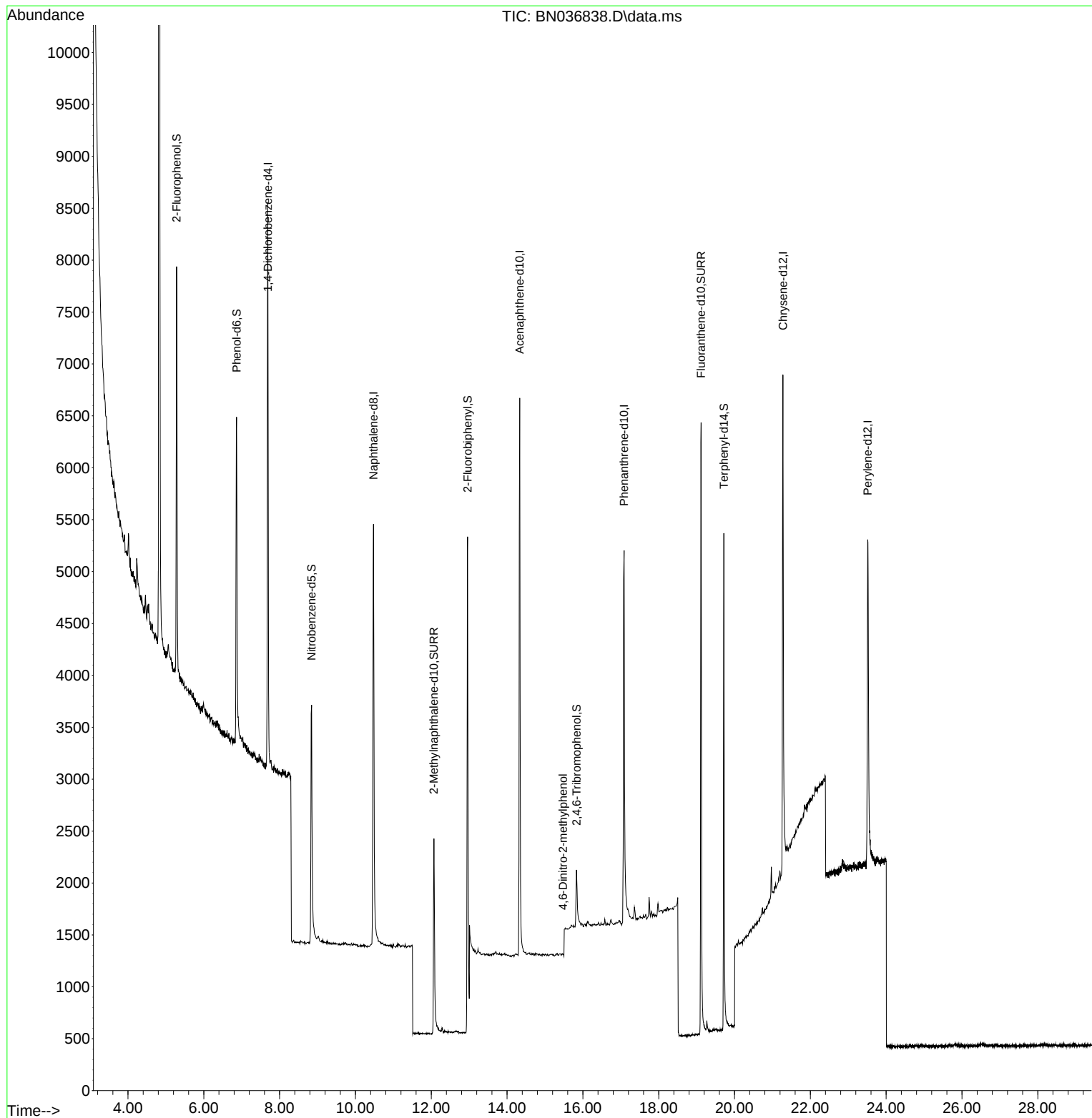
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.688  | 152  | 2702     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.477 | 136  | 6445     | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.334 | 164  | 3394     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.086 | 188  | 7030     | 0.400 | ng    | 0.01     |
| 29) Chrysene-d12              | 21.277 | 240  | 5598     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.513 | 264  | 5080     | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.283  | 112  | 2740     | 0.435 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.865  | 99   | 3060     | 0.393 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.843  | 82   | 2430     | 0.347 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.070 | 152  | 3389     | 0.354 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.833 | 330  | 445      | 0.289 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.958 | 172  | 7348     | 0.372 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.118 | 212  | 7480     | 0.415 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.717 | 244  | 5167     | 0.385 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 20) 4,6-Dinitro-2-methylph... | 15.478 | 198  | 1        | 0.146 | ng    | # 1      |
| -----                         |        |      |          |       |       |          |

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

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ALS Vial : 3 Sample Multiplier: 1

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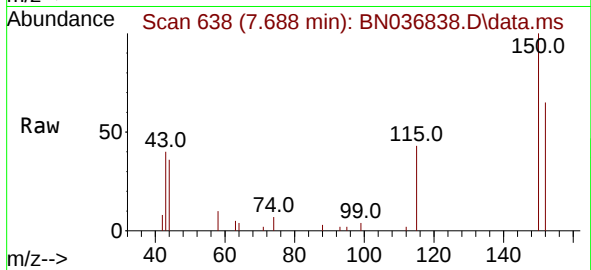
Quant Time: Apr 04 17:31:41 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Apr 04 17:30:43 2025  
Response via : Initial Calibration





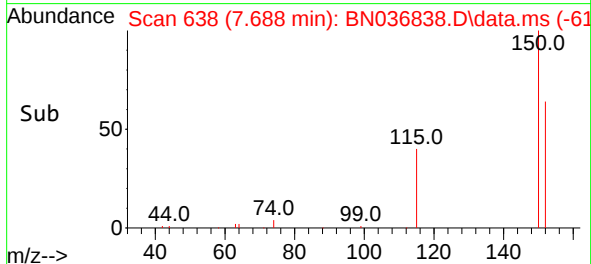
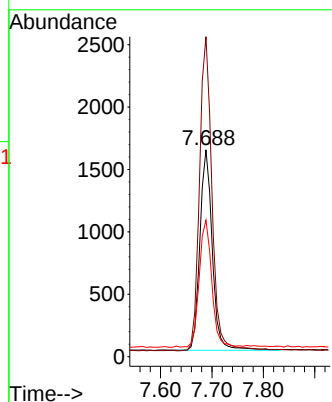
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.688 min Scan# 61  
 Delta R.T. 0.000 min  
 Lab File: BN036838.D  
 Acq: 04 Apr 2025 16:46

Instrument :  
 BNA\_N  
 ClientSampleId :



Tgt Ion:152 Resp: 2702

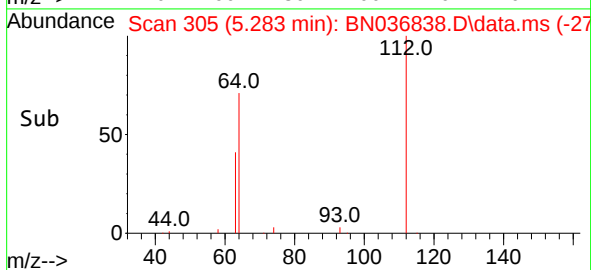
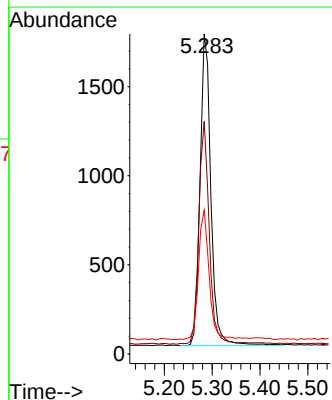
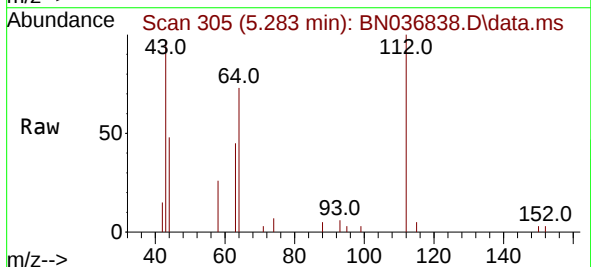
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 150 | 154.6 | 123.7 | 185.5 |
| 115 | 65.9  | 54.3  | 81.5  |



#4  
 2-Fluorophenol  
 Concen: 0.435 ng  
 RT: 5.283 min Scan# 305  
 Delta R.T. -0.000 min  
 Lab File: BN036838.D  
 Acq: 04 Apr 2025 16:46

Tgt Ion:112 Resp: 2740

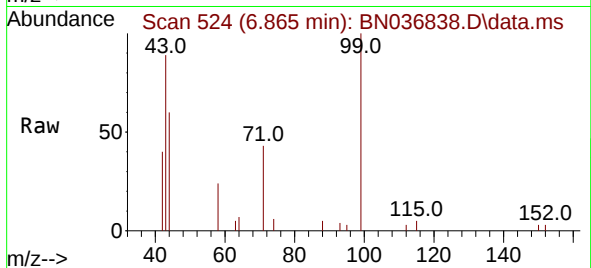
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 112 | 100   |       |       |
| 64  | 68.8  | 53.1  | 79.7  |
| 63  | 41.2  | 31.8  | 47.8  |



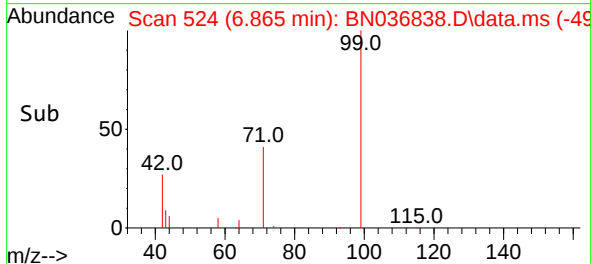
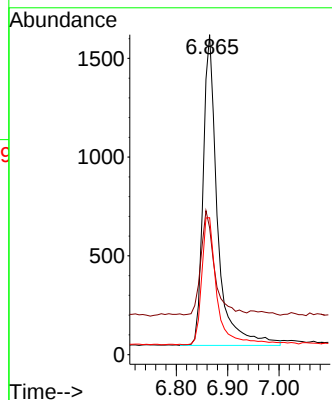


#5  
Phenol-d6  
Concen: 0.393 ng  
RT: 6.865 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: BN036838.D  
Acq: 04 Apr 2025 16:46

Instrument :  
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ClientSampleId :

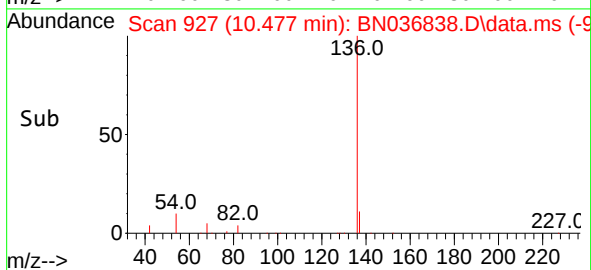
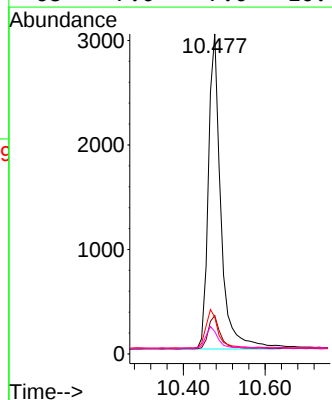
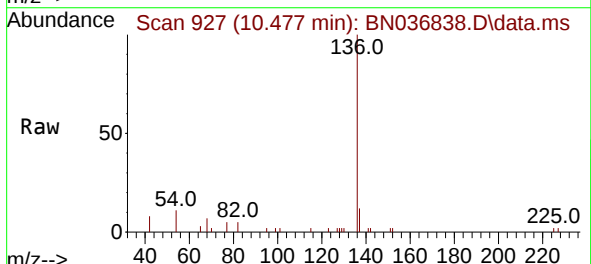


Tgt Ion: 99 Resp: 3060  
Ion Ratio Lower Upper  
99 100  
42 32.5 26.5 39.7  
71 43.3 34.1 51.1



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.477 min Scan# 927  
Delta R.T. -0.000 min  
Lab File: BN036838.D  
Acq: 04 Apr 2025 16:46

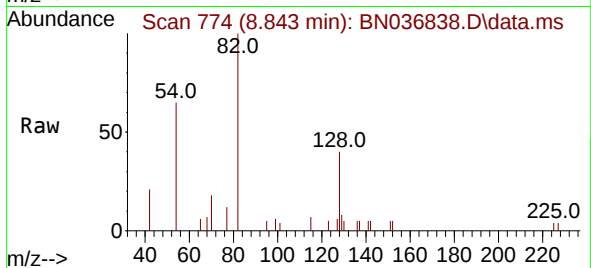
Tgt Ion: 136 Resp: 6445  
Ion Ratio Lower Upper  
136 100  
137 12.0 10.3 15.5  
54 11.5 11.5 17.3#  
68 7.0 7.0 10.4



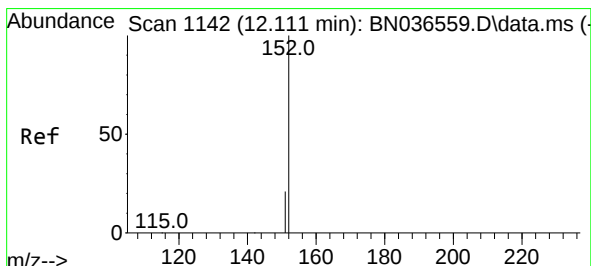
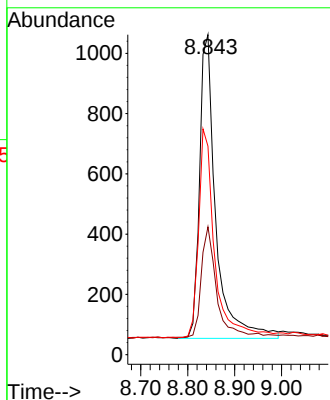
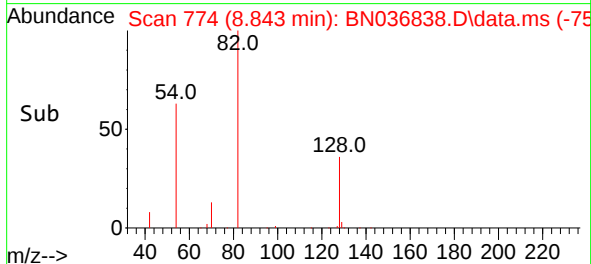


#8  
 Nitrobenzene-d5  
 Concen: 0.347 ng  
 RT: 8.843 min Scan# 71  
 Delta R.T. -0.000 min  
 Lab File: BN036838.D  
 Acq: 04 Apr 2025 16:46

Instrument :  
 BNA\_N  
 ClientSampleId :

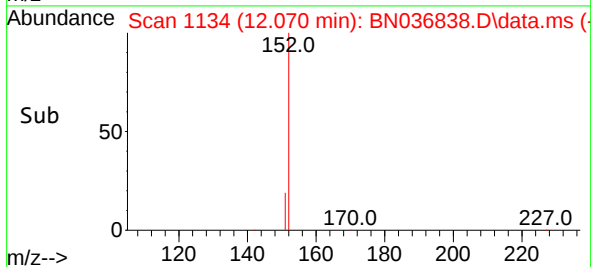
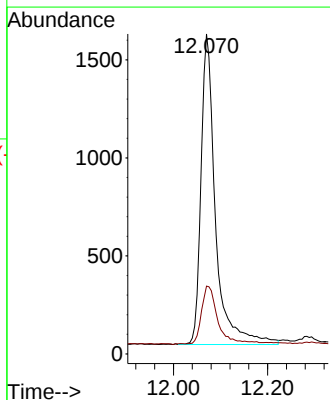
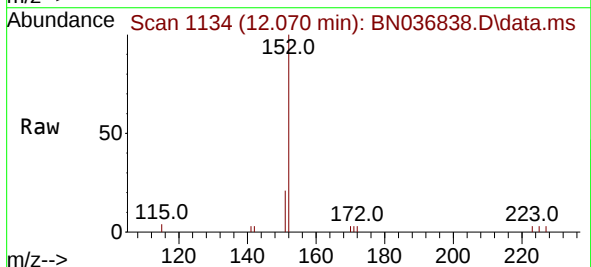


Tgt Ion: 82 Resp: 2430  
 Ion Ratio Lower Upper  
 82 100  
 128 39.9 30.6 45.8  
 54 65.2 52.2 78.4



#11  
 2-Methylnaphthalene-d10  
 Concen: 0.354 ng  
 RT: 12.070 min Scan# 1134  
 Delta R.T. -0.000 min  
 Lab File: BN036838.D  
 Acq: 04 Apr 2025 16:46

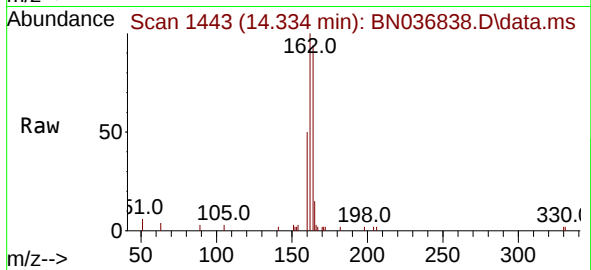
Tgt Ion: 152 Resp: 3389  
 Ion Ratio Lower Upper  
 152 100  
 151 20.8 17.0 25.6





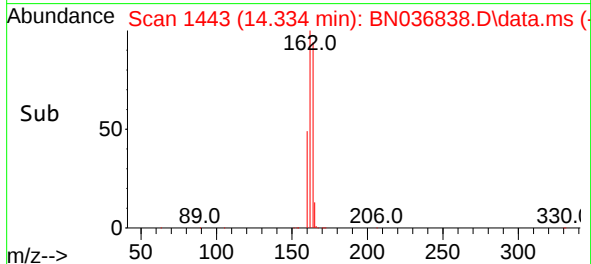
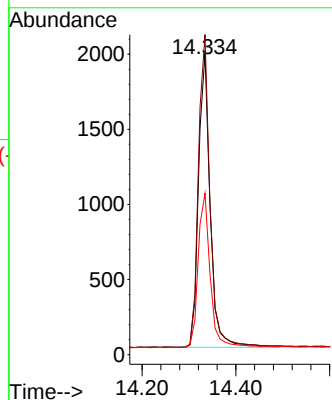
#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.334 min Scan# 1443  
 Delta R.T. -0.000 min  
 Lab File: BN036838.D  
 Acq: 04 Apr 2025 16:46

Instrument :  
 BNA\_N  
 ClientSampleId :



Tgt Ion:164 Resp: 3394  

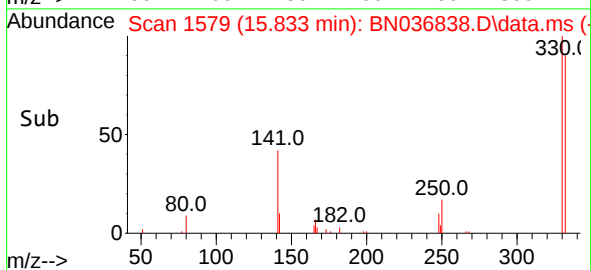
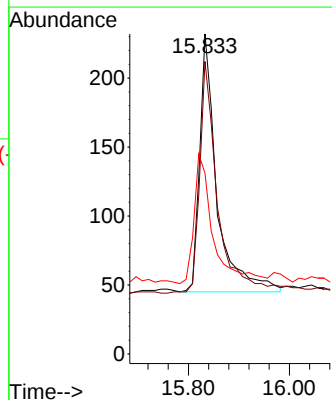
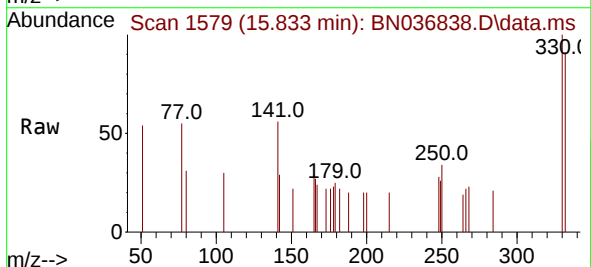
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 106.3 | 84.2  | 126.2 |
| 160 | 53.7  | 42.2  | 63.2  |

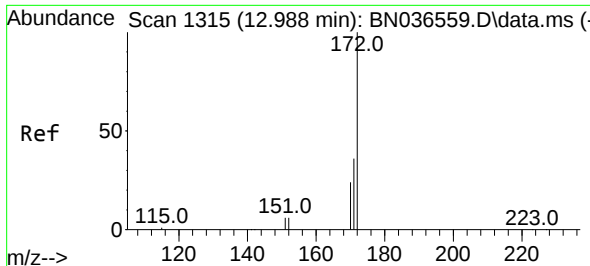


#14  
 2,4,6-Tribromophenol  
 Concen: 0.289 ng  
 RT: 15.833 min Scan# 1579  
 Delta R.T. -0.000 min  
 Lab File: BN036838.D  
 Acq: 04 Apr 2025 16:46

Tgt Ion:330 Resp: 445  

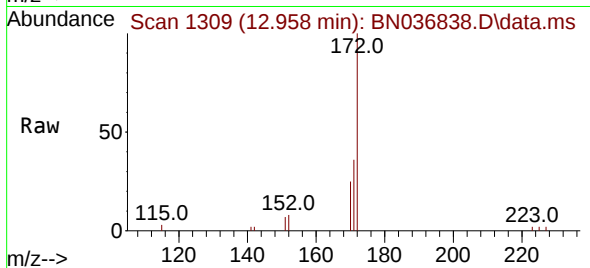
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 330 | 100   |       |       |
| 332 | 93.5  | 75.2  | 112.8 |
| 141 | 55.7  | 43.4  | 65.2  |



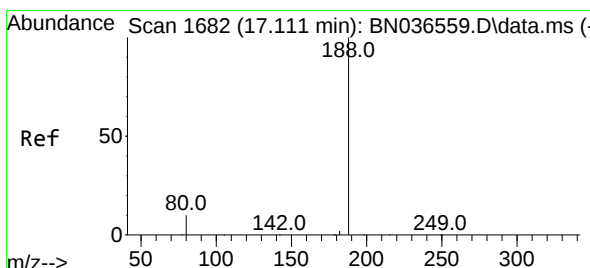
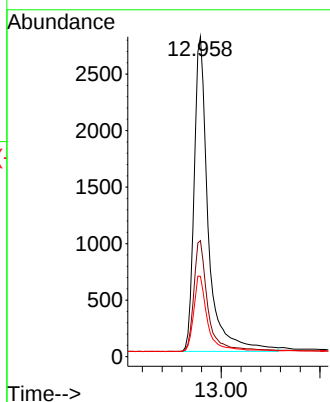
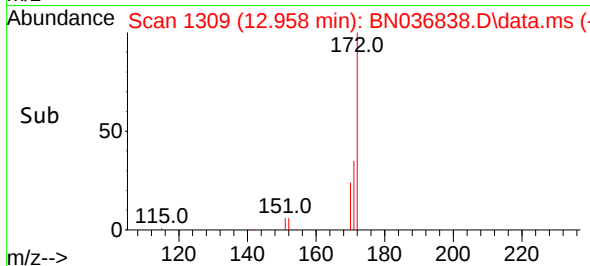


#15  
2-Fluorobiphenyl  
Concen: 0.372 ng  
RT: 12.958 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN036838.D  
Acq: 04 Apr 2025 16:46

Instrument :  
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ClientSampleId :

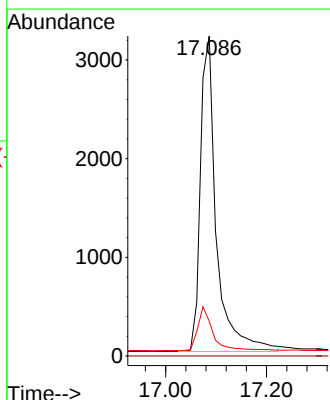
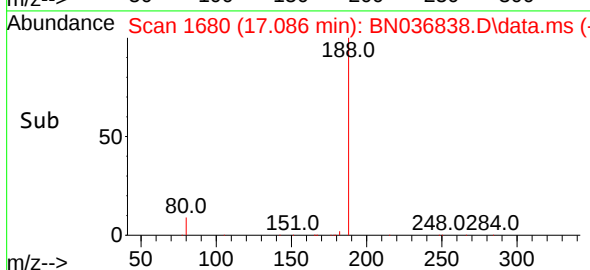
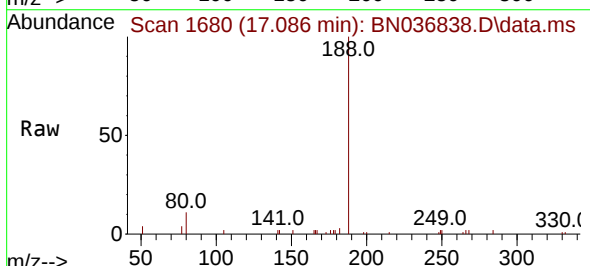


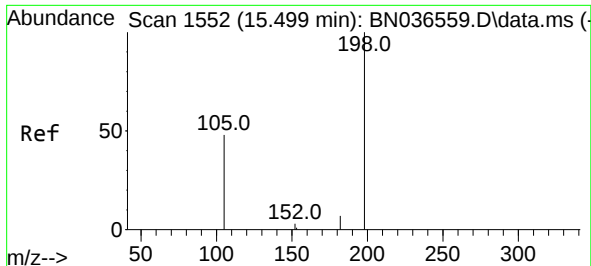
Tgt Ion:172 Resp: 7348  
Ion Ratio Lower Upper  
172 100  
171 36.2 29.5 44.3  
170 25.1 20.2 30.4



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.086 min Scan# 1680  
Delta R.T. 0.012 min  
Lab File: BN036838.D  
Acq: 04 Apr 2025 16:46

Tgt Ion:188 Resp: 7030  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.9 8.8 13.2

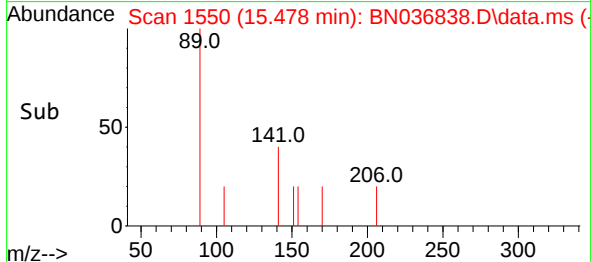
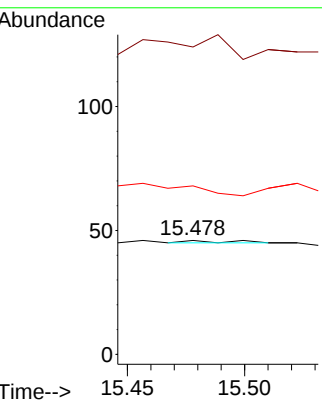
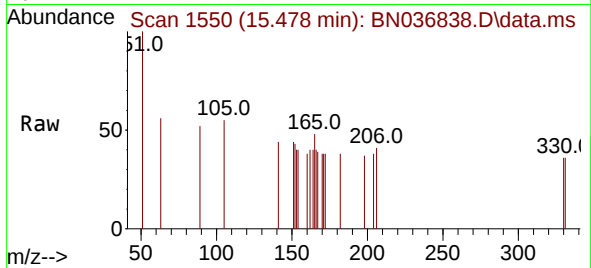




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.146 ng  
RT: 15.478 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN036838.D  
Acq: 04 Apr 2025 16:46

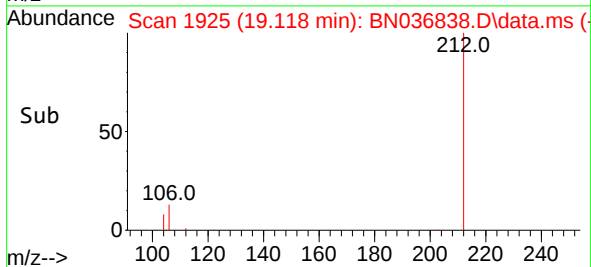
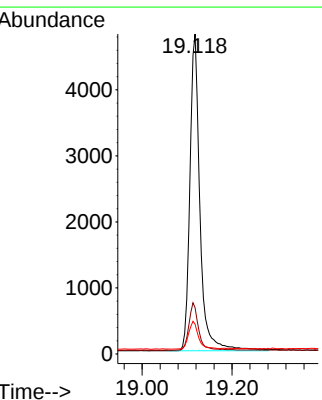
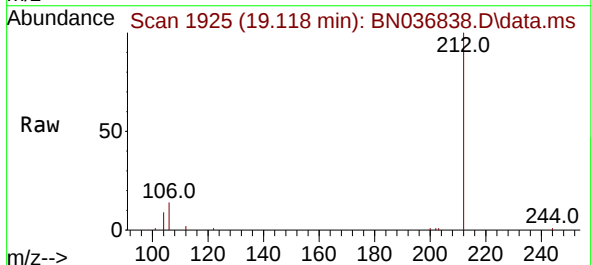
Instrument :  
BNA\_N  
ClientSampleId :

Tgt Ion:198 Resp: 1  
Ion Ratio Lower Upper  
198 100  
51 269.6 107.9 161.9#  
105 147.8 56.2 84.2#



#27  
Fluoranthene-d10  
Concen: 0.415 ng  
RT: 19.118 min Scan# 1925  
Delta R.T. 0.005 min  
Lab File: BN036838.D  
Acq: 04 Apr 2025 16:46

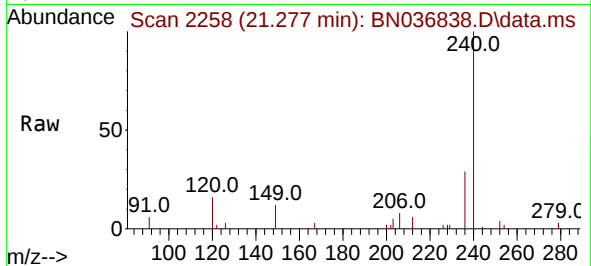
Tgt Ion:212 Resp: 7480  
Ion Ratio Lower Upper  
212 100  
106 14.6 11.8 17.6  
104 8.7 7.3 10.9



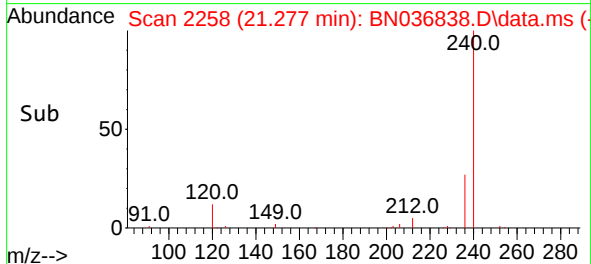
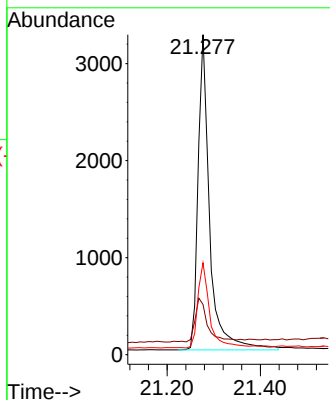


#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.277 min Scan# 21  
Delta R.T. 0.009 min  
Lab File: BN036838.D  
Acq: 04 Apr 2025 16:46

Instrument :  
BNA\_N  
ClientSampleId :

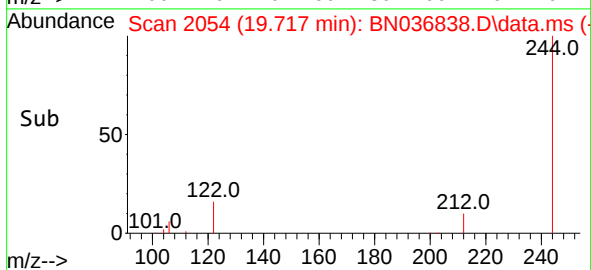
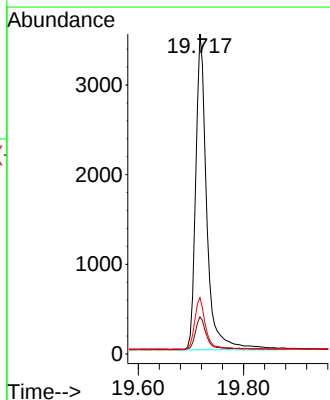
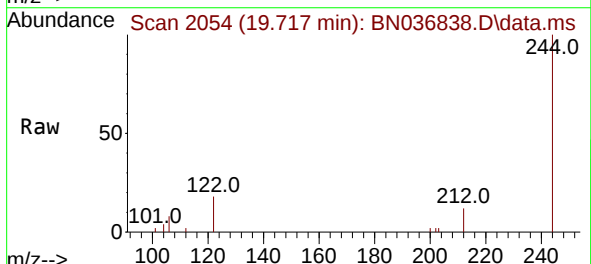


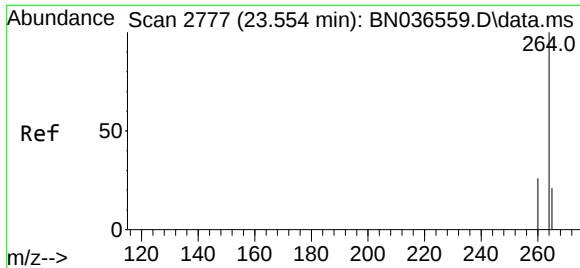
Tgt Ion:240 Resp: 5598  
Ion Ratio Lower Upper  
240 100  
120 15.7 14.6 22.0  
236 28.7 24.1 36.1



#31  
Terphenyl-d14  
Concen: 0.385 ng  
RT: 19.717 min Scan# 2054  
Delta R.T. -0.000 min  
Lab File: BN036838.D  
Acq: 04 Apr 2025 16:46

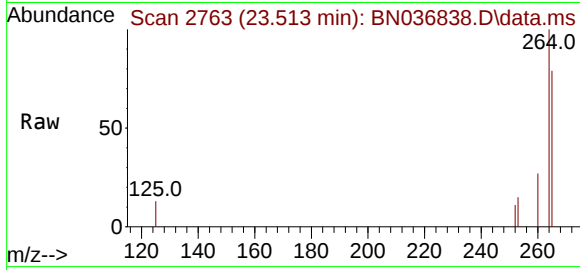
Tgt Ion:244 Resp: 5167  
Ion Ratio Lower Upper  
244 100  
212 11.6 9.6 14.4  
122 17.6 13.9 20.9





#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.513 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: BN036838.D  
Acq: 04 Apr 2025 16:46

Instrument :  
BNA\_N  
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Tgt Ion:264 Resp: 5080  
Ion Ratio Lower Upper  
264 100  
260 27.0 22.6 33.8  
265 78.6 88.1 132.1#

