

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100924\  
 Data File : BN034500.D  
 Acq On : 09 Oct 2024 12:36  
 Operator : RC/JU  
 Sample : PB163804BL  
 Misc :  
 ALS Vial : 75 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB163804BL

Quant Time: Oct 09 13:10:42 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN091924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 26 14:44:02 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.373  | 152  | 4625     | 0.400 | ng    | -0.02    |
| 7) Naphthalene-d8           | 10.127 | 136  | 12752    | 0.400 | ng    | #-0.02   |
| 13) Acenaphthene-d10        | 14.019 | 164  | 7010     | 0.400 | ng    | -0.03    |
| 19) Phenanthrene-d10        | 16.783 | 188  | 12724    | 0.400 | ng    | -0.02    |
| 29) Chrysene-d12            | 21.008 | 240  | 7152     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12            | 23.116 | 264  | 11105    | 0.400 | ng    | #-0.01   |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.018  | 112  | 4866     | 0.371 | ng    | -0.01    |
| 5) Phenol-d6                | 6.578  | 99   | 5314     | 0.348 | ng    | -0.02    |
| 8) Nitrobenzene-d5          | 8.514  | 82   | 3721     | 0.381 | ng    | -0.02    |
| 11) 2-Methylnaphthalene-d10 | 11.727 | 152  | 7259     | 0.385 | ng    | -0.03    |
| 14) 2,4,6-Tribromophenol    | 15.530 | 330  | 1128     | 0.355 | ng    | -0.02    |
| 15) 2-Fluorobiphenyl        | 12.629 | 172  | 9230     | 0.324 | ng    | -0.03    |
| 27) Fluoranthene-d10        | 18.825 | 212  | 12900    | 0.402 | ng    | -0.02    |
| 31) Terphenyl-d14           | 19.447 | 244  | 8664     | 0.607 | ng    | -0.02    |

Target Compounds Qvalue

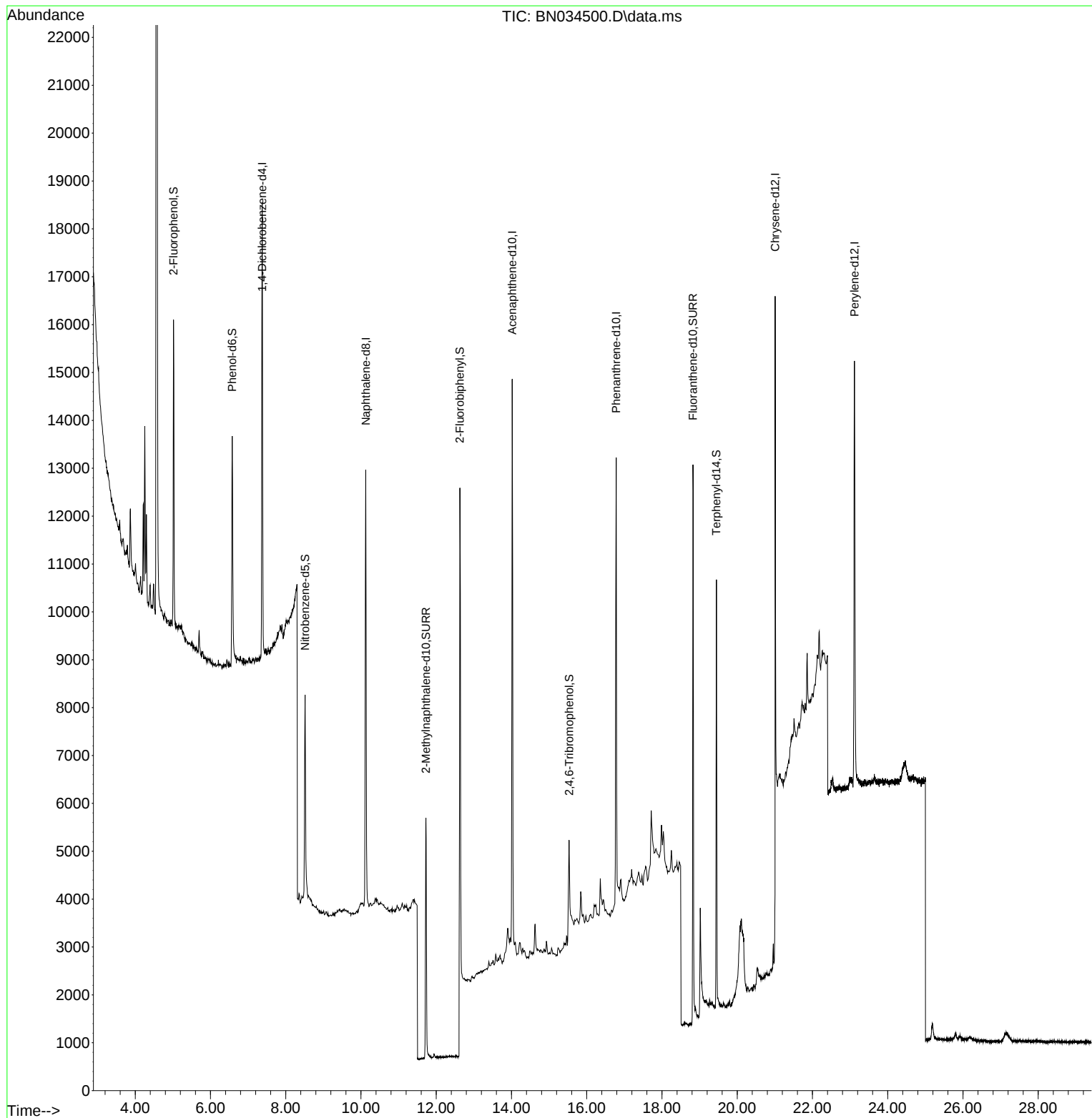
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : PB163804BL  
Misc :  
ALS Vial : 75 Sample Multiplier: 1

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BNA\_N  
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Quant Time: Oct 09 13:10:42 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN091924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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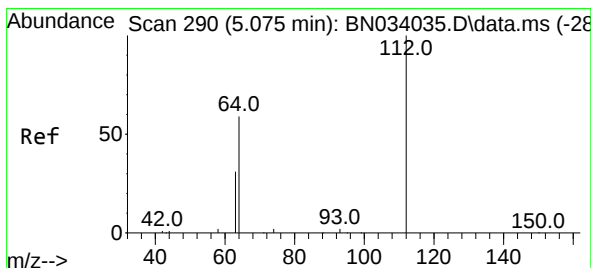
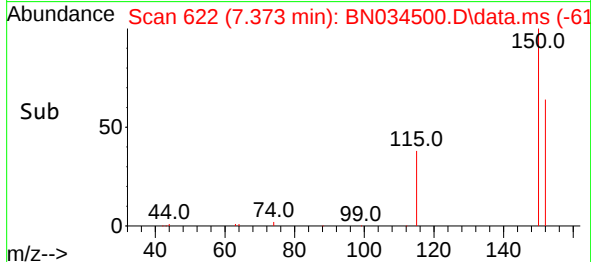
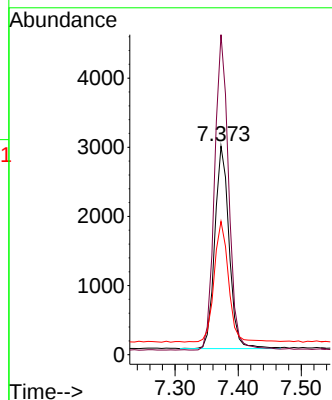
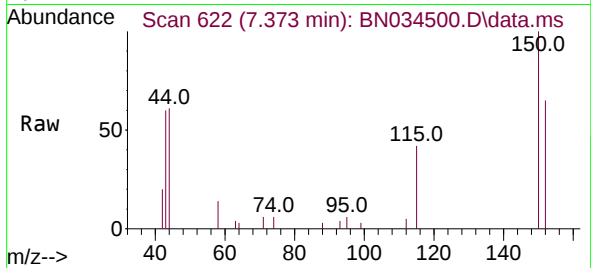




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.373 min Scan# 61  
Delta R.T. -0.021 min  
Lab File: BN034500.D  
Acq: 09 Oct 2024 12:36

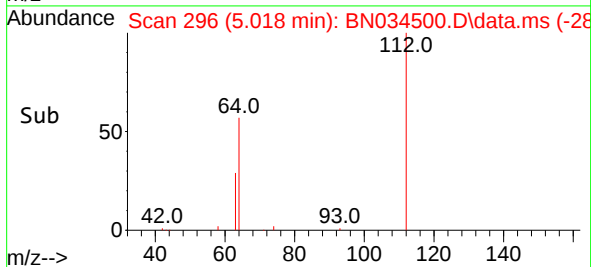
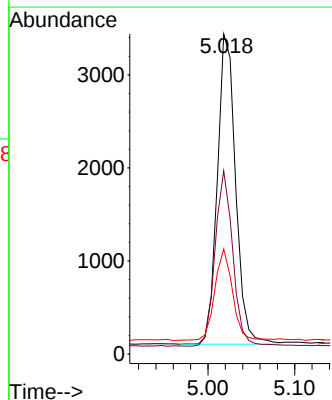
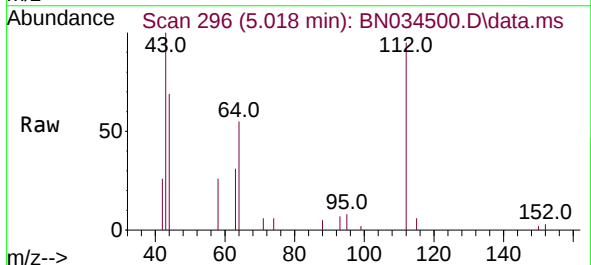
Instrument :  
BNA\_N  
ClientSampleId :  
PB163804BL

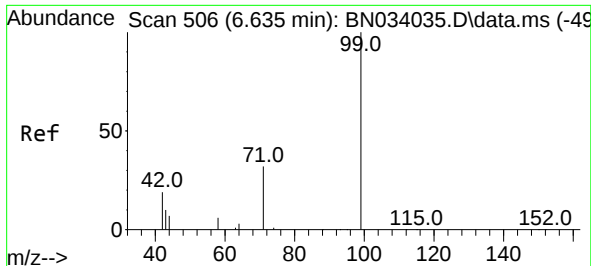
Tgt Ion:152 Resp: 4625  
Ion Ratio Lower Upper  
152 100  
150 153.5 124.6 187.0  
115 63.9 50.0 75.0



#4  
2-Fluorophenol  
Concen: 0.371 ng  
RT: 5.018 min Scan# 296  
Delta R.T. -0.014 min  
Lab File: BN034500.D  
Acq: 09 Oct 2024 12:36

Tgt Ion:112 Resp: 4866  
Ion Ratio Lower Upper  
112 100  
64 54.8 48.6 72.8  
63 28.4 25.6 38.4

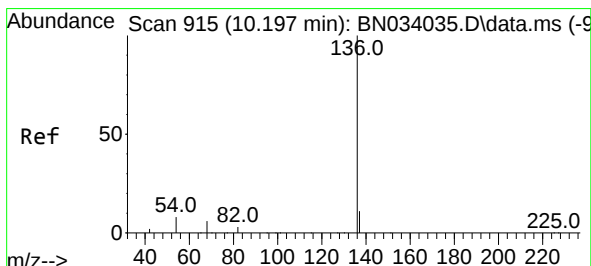
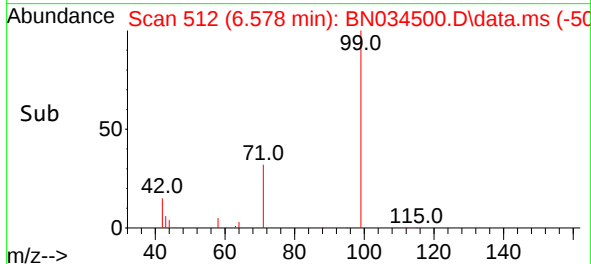
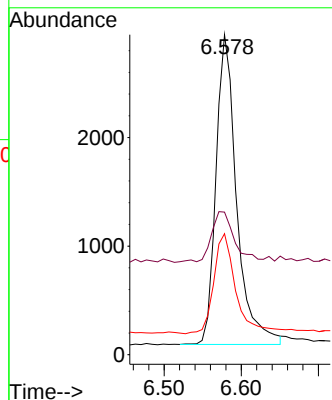
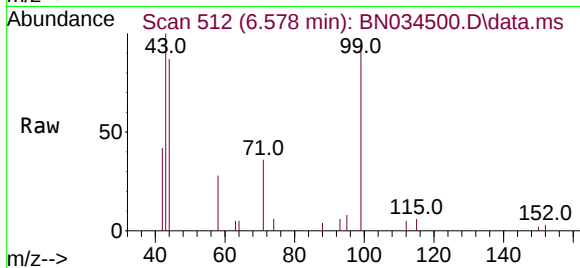




#5  
Phenol-d6  
Concen: 0.348 ng  
RT: 6.578 min Scan# 512  
Delta R.T. -0.022 min  
Lab File: BN034500.D  
Acq: 09 Oct 2024 12:36

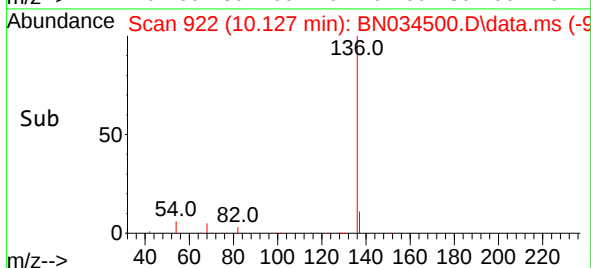
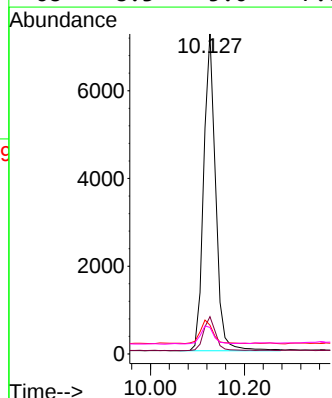
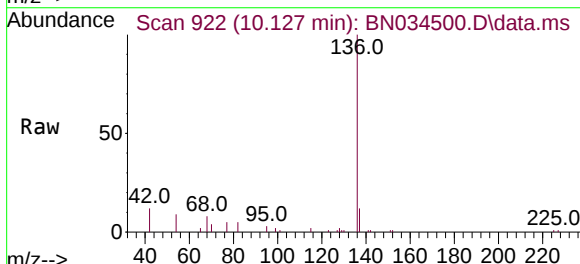
Instrument :  
BNA\_N  
ClientSampleId :  
PB163804BL

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 5314  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 18.4  | 17.8  | 26.8  |
| 71       | 34.2  | 26.2  | 39.2  |



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.127 min Scan# 922  
Delta R.T. -0.021 min  
Lab File: BN034500.D  
Acq: 09 Oct 2024 12:36

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 12752 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.7  | 9.0   | 13.6  |
| 54       | 9.0   | 6.8   | 10.2  |
| 68       | 8.3   | 5.0   | 7.6   |

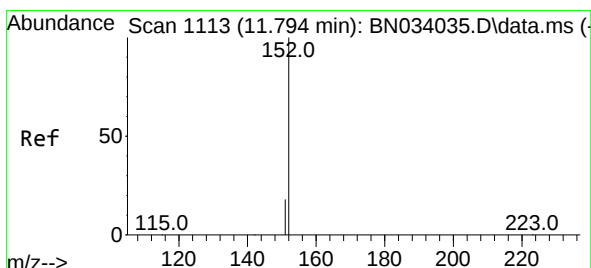
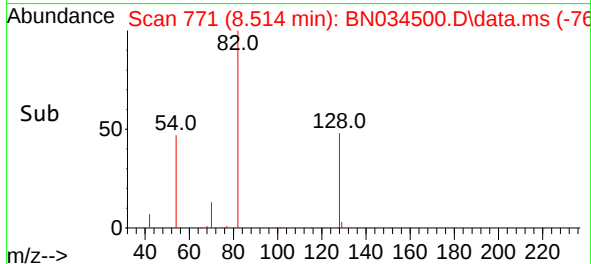
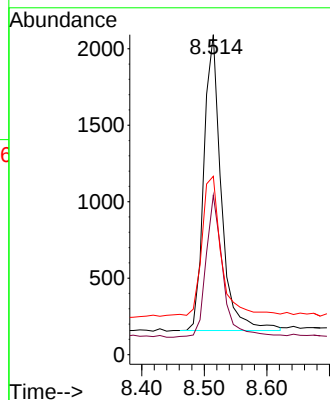
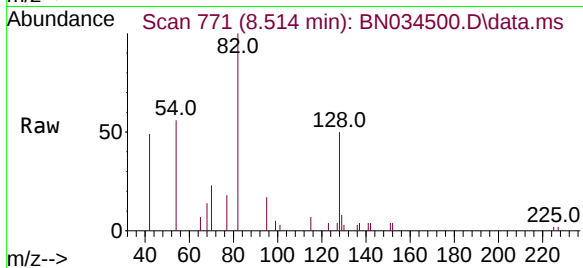




#8  
 Nitrobenzene-d5  
 Concen: 0.381 ng  
 RT: 8.514 min Scan# 71  
 Delta R.T. -0.021 min  
 Lab File: BN034500.D  
 Acq: 09 Oct 2024 12:36

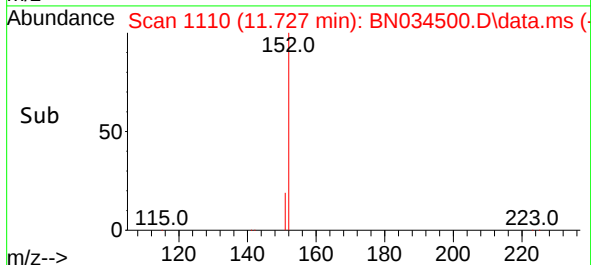
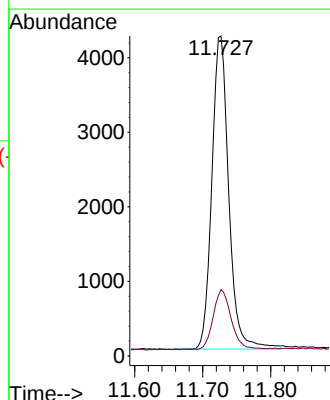
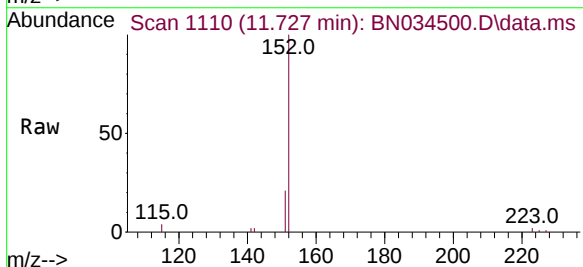
Instrument :  
 BNA\_N  
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 PB163804BL

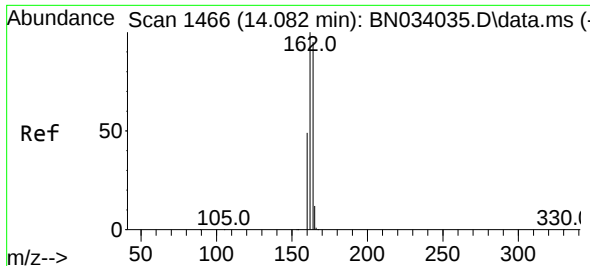
Tgt Ion: 82 Resp: 3721  
 Ion Ratio Lower Upper  
 82 100  
 128 49.9 31.4 47.2#  
 54 55.7 47.4 71.0



#11  
 2-Methylnaphthalene-d10  
 Concen: 0.385 ng  
 RT: 11.727 min Scan# 1110  
 Delta R.T. -0.026 min  
 Lab File: BN034500.D  
 Acq: 09 Oct 2024 12:36

Tgt Ion: 152 Resp: 7259  
 Ion Ratio Lower Upper  
 152 100  
 151 20.3 16.8 25.2

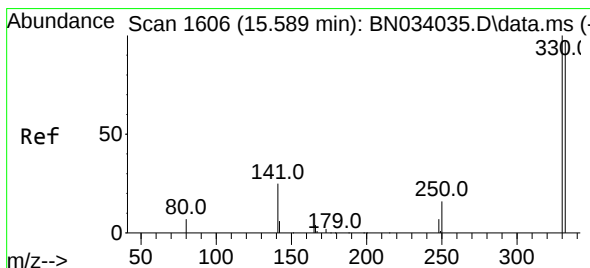
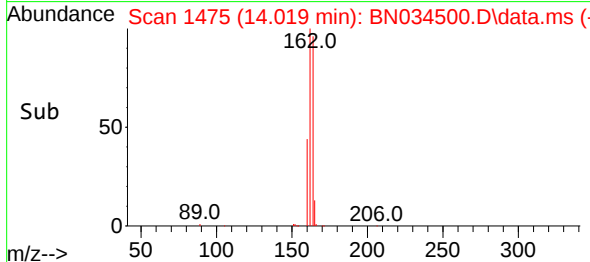
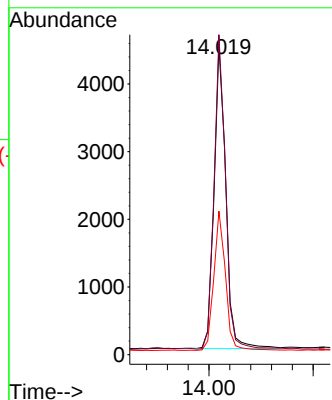
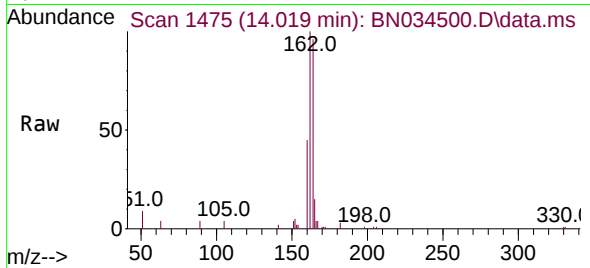




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.019 min Scan# 14  
Delta R.T. -0.028 min  
Lab File: BN034500.D  
Acq: 09 Oct 2024 12:36

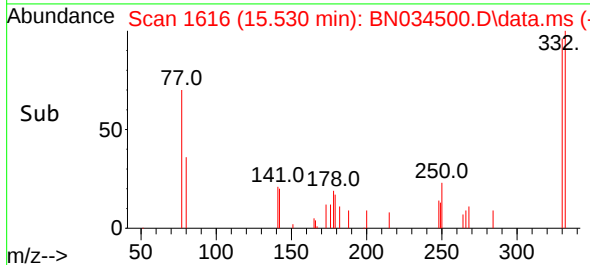
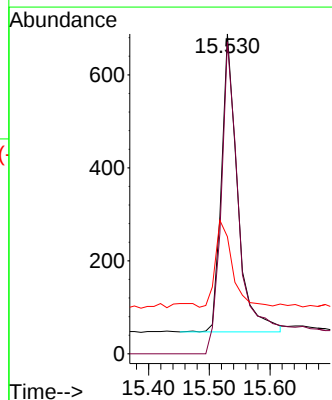
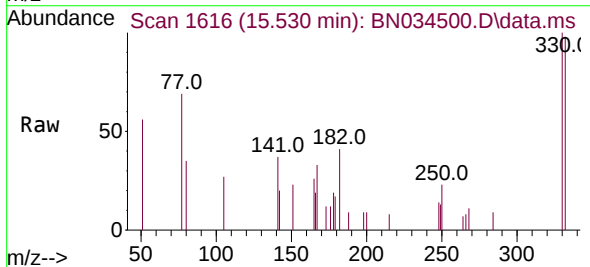
Instrument :  
BNA\_N  
ClientSampleId :  
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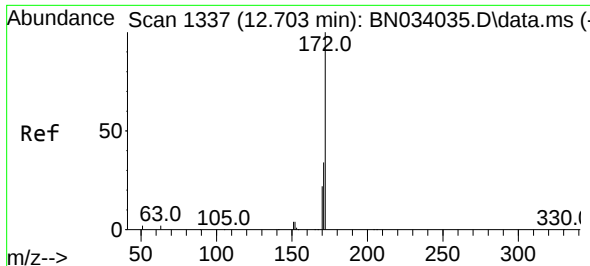
Tgt Ion:164 Resp: 7010  
Ion Ratio Lower Upper  
164 100  
162 103.7 84.2 126.2  
160 46.5 41.7 62.5



#14  
2,4,6-Tribromophenol  
Concen: 0.355 ng  
RT: 15.530 min Scan# 1616  
Delta R.T. -0.019 min  
Lab File: BN034500.D  
Acq: 09 Oct 2024 12:36

Tgt Ion:330 Resp: 1128  
Ion Ratio Lower Upper  
330 100  
332 128.5 77.4 116.0#  
141 31.7 35.9 53.9#

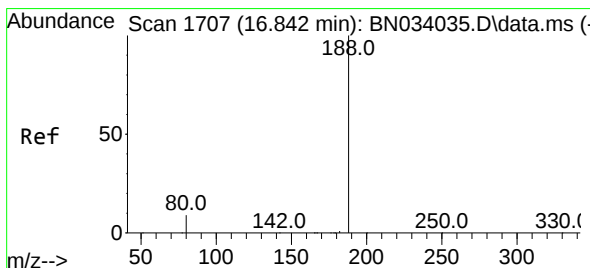
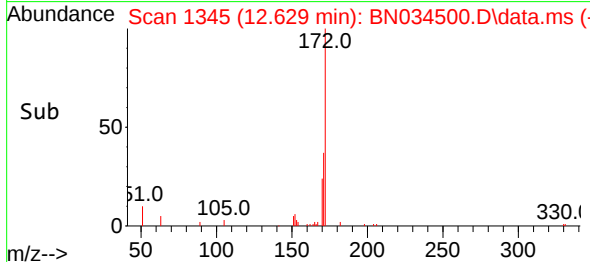
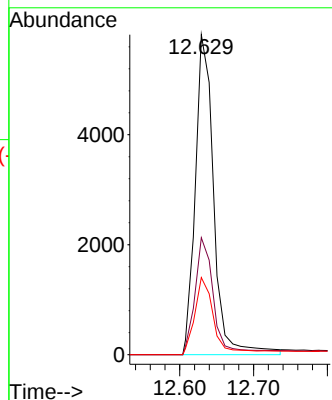
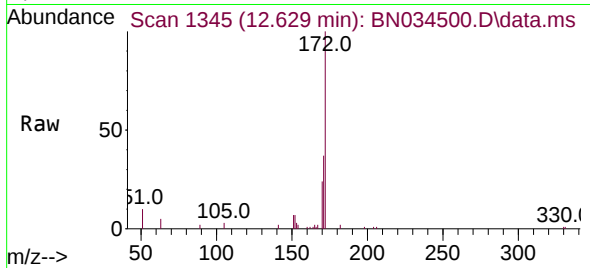




#15  
2-Fluorobiphenyl  
Concen: 0.324 ng  
RT: 12.629 min Scan# 11  
Delta R.T. -0.028 min  
Lab File: BN034500.D  
Acq: 09 Oct 2024 12:36

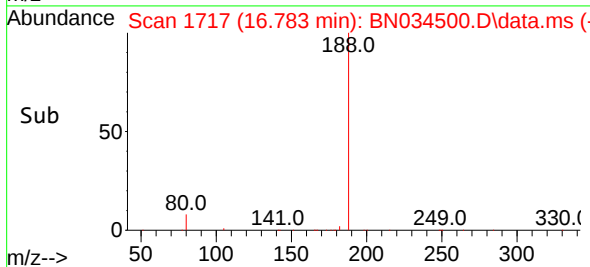
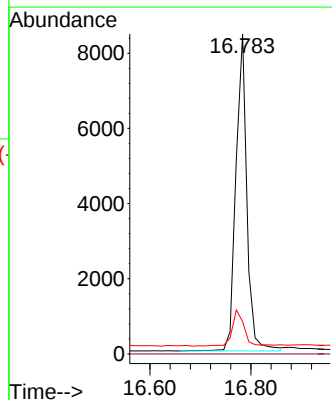
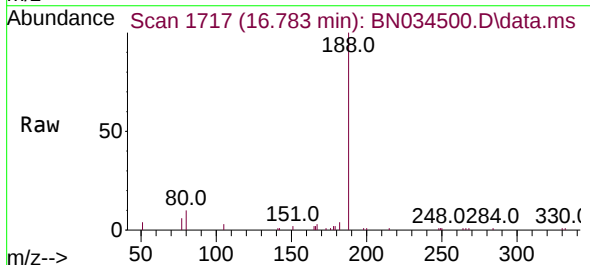
Instrument :  
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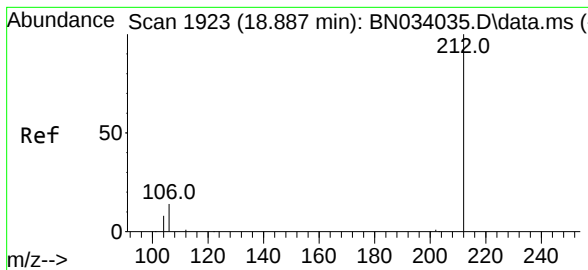
Tgt Ion:172 Resp: 9230  
Ion Ratio Lower Upper  
172 100  
171 36.6 27.3 40.9  
170 24.1 18.1 27.1



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.783 min Scan# 1717  
Delta R.T. -0.019 min  
Lab File: BN034500.D  
Acq: 09 Oct 2024 12:36

Tgt Ion:188 Resp: 12724  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.1 7.4 11.0

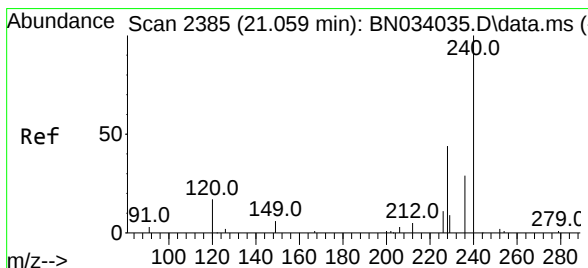
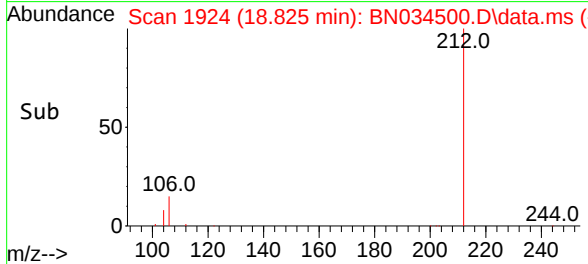
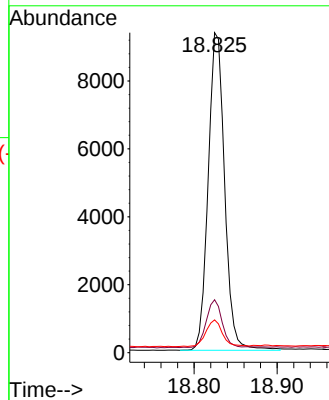
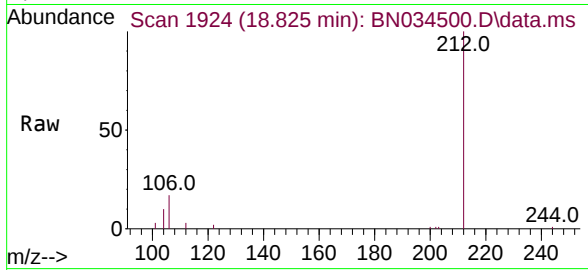




#27  
Fluoranthene-d10  
Concen: 0.402 ng  
RT: 18.825 min Scan# 1924  
Delta R.T. -0.021 min  
Lab File: BN034500.D  
Acq: 09 Oct 2024 12:36

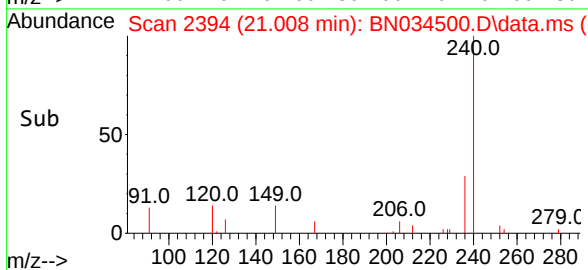
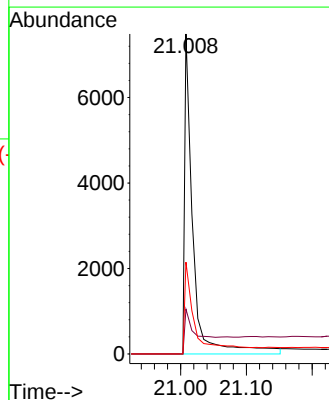
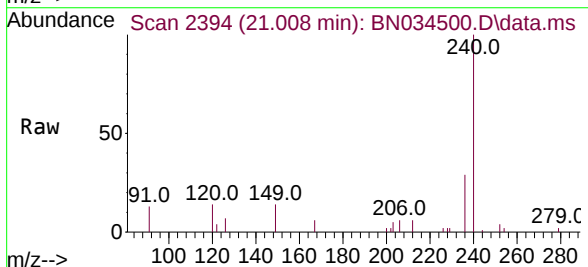
Instrument :  
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ClientSampleId :  
PB163804BL

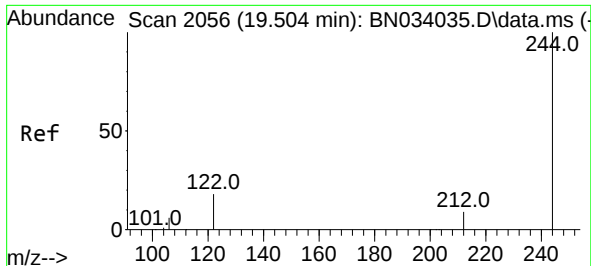
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Ion Ratio Lower Upper  
212 100  
106 15.1 13.4 20.2  
104 8.6 7.8 11.6



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.008 min Scan# 2394  
Delta R.T. -0.007 min  
Lab File: BN034500.D  
Acq: 09 Oct 2024 12:36

Tgt Ion:240 Resp: 7152  
Ion Ratio Lower Upper  
240 100  
120 14.0 13.5 20.3  
236 28.7 23.4 35.0

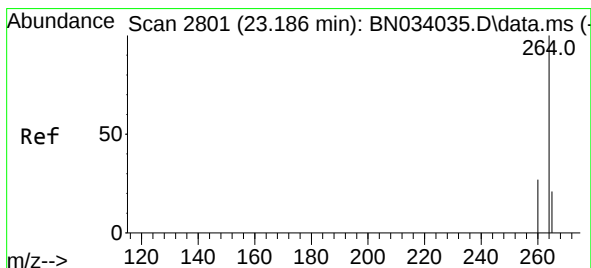
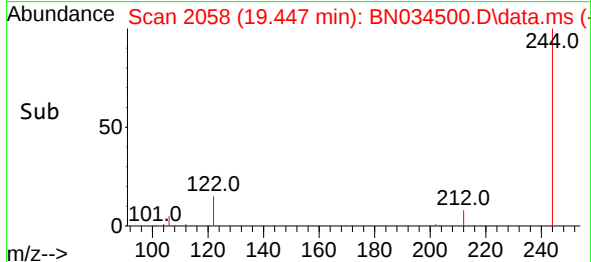
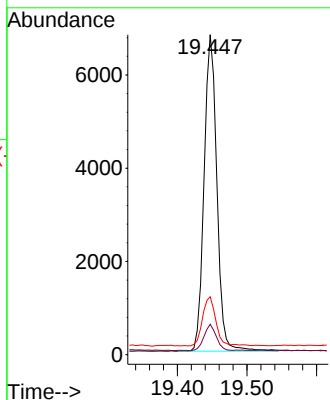
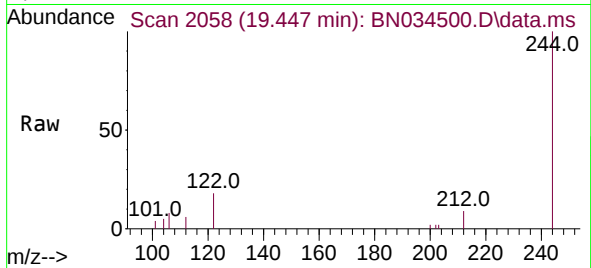




#31  
Terphenyl-d14  
Concen: 0.607 ng  
RT: 19.447 min Scan# 2058  
Delta R.T. -0.021 min  
Lab File: BN034500.D  
Acq: 09 Oct 2024 12:36

Instrument :  
BNA\_N  
ClientSampleId :  
PB163804BL

Tgt Ion:244 Resp: 8664  
Ion Ratio Lower Upper  
244 100  
212 9.5 7.8 11.6  
122 18.1 14.8 22.2



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.116 min Scan# 2793  
Delta R.T. -0.012 min  
Lab File: BN034500.D  
Acq: 09 Oct 2024 12:36

Tgt Ion:264 Resp: 11105  
Ion Ratio Lower Upper  
264 100  
260 26.0 21.7 32.5  
265 81.5 52.1 78.1#

