

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091825\  
 Data File : BN037807.D  
 Acq On : 19 Sep 2025 10:02  
 Operator : RC/JU  
 Sample : Q3097-19  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE120D1-20250912

Quant Time: Sep 19 11:09:44 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN091125.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 14:20:01 2025  
 Response via : Initial Calibration

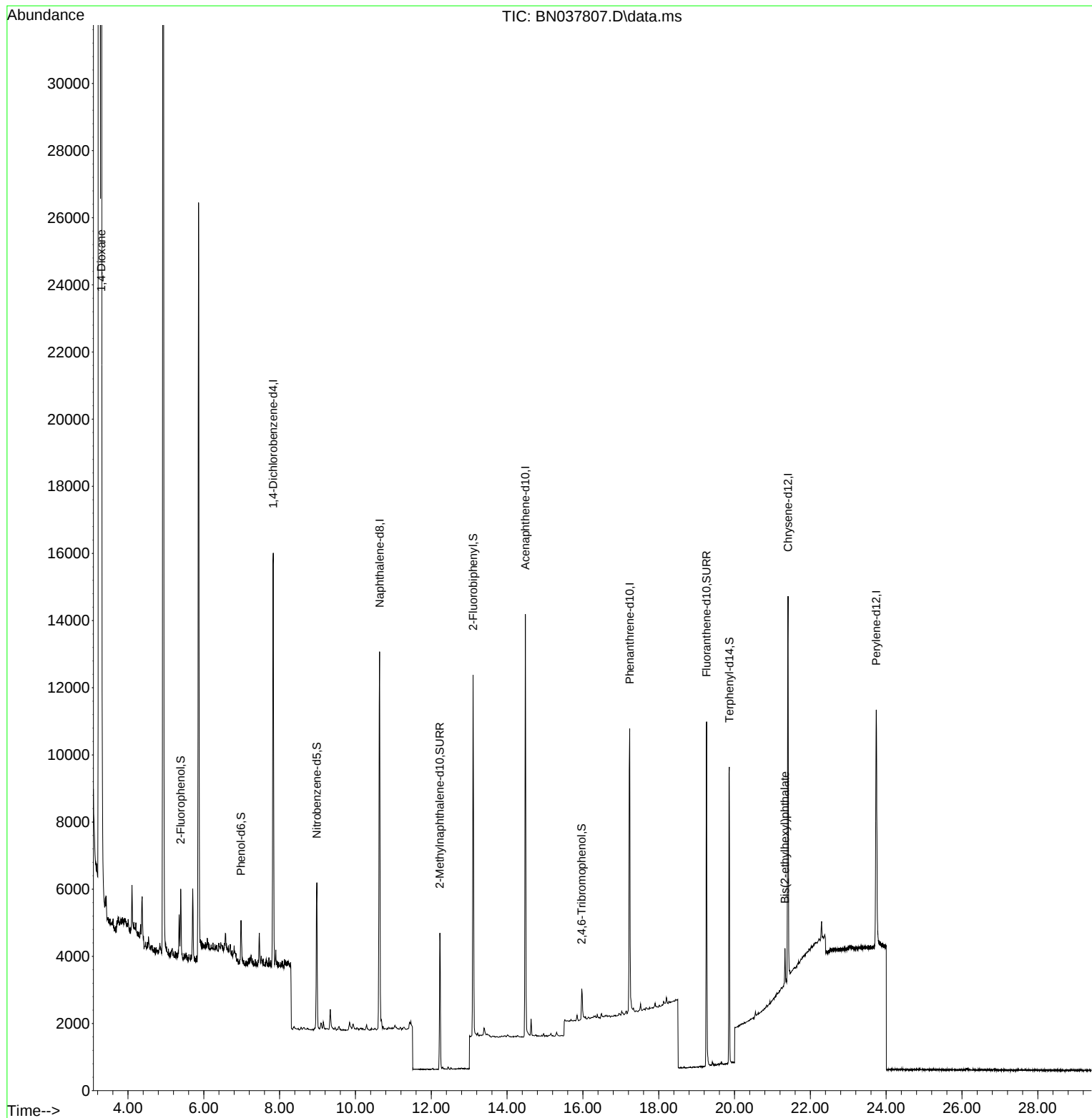
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.833  | 152  | 5776     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.637 | 136  | 15322    | 0.400 | ng    | -0.01    |
| 13) Acenaphthene-d10          | 14.484 | 164  | 6856     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.235 | 188  | 12918    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.411 | 240  | 11066    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.738 | 264  | 10367    | 0.400 | ng    | #-0.01   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.392  | 112  | 1604     | 0.121 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.980  | 99   | 1181     | 0.069 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.982  | 82   | 3535     | 0.315 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.227 | 152  | 5315     | 0.262 | ng    | -0.02    |
| 14) 2,4,6-Tribromophenol      | 15.969 | 330  | 664      | 0.371 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 13.105 | 172  | 8978     | 0.313 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.262 | 212  | 11202    | 0.345 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.861 | 244  | 8410     | 0.374 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.297  | 88   | 42084    | 6.995 | ng    | 94       |
| 34) Bis(2-ethylhexyl)phtha... | 21.331 | 149  | 1043     | 0.091 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091825\  
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Operator : RC/JU  
Sample : Q3097-19  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
RE120D1-20250912

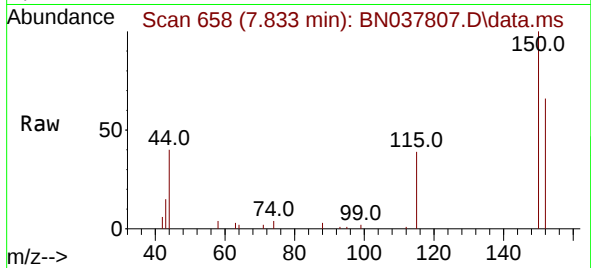
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN091125.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 11 14:20:01 2025  
Response via : Initial Calibration



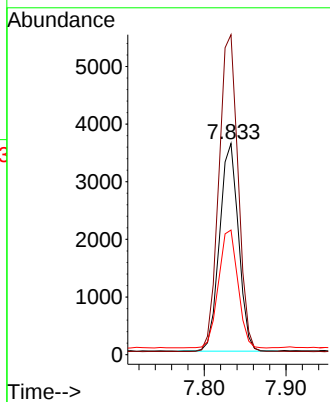
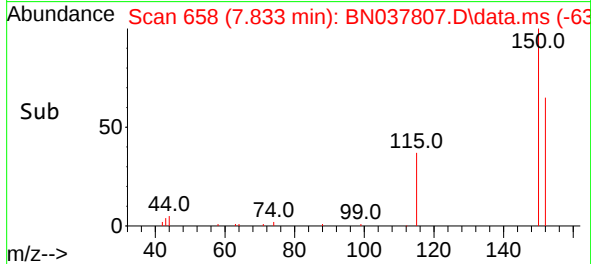


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.833 min Scan# 61  
 Delta R.T. -0.007 min  
 Lab File: BN037807.D  
 Acq: 19 Sep 2025 10:02

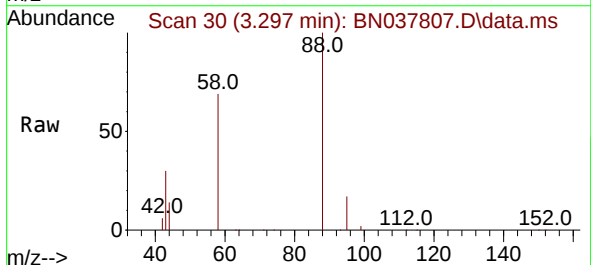
Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE120D1-20250912



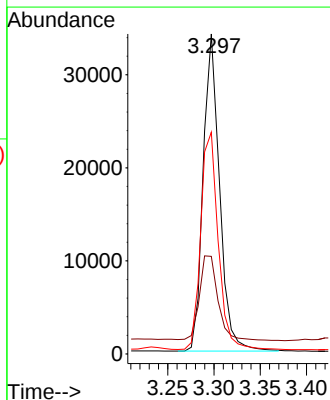
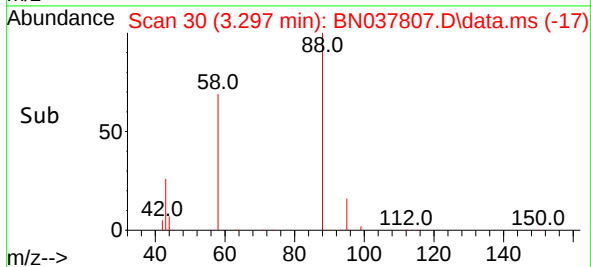
Tgt Ion:152 Resp: 5776  
 Ion Ratio Lower Upper  
 152 100  
 150 151.5 124.5 186.7  
 115 59.0 49.2 73.8



#2  
 1,4-Dioxane  
 Concen: 6.995 ng  
 RT: 3.297 min Scan# 30  
 Delta R.T. -0.007 min  
 Lab File: BN037807.D  
 Acq: 19 Sep 2025 10:02



Tgt Ion: 88 Resp: 42084  
 Ion Ratio Lower Upper  
 88 100  
 43 29.9 26.8 40.2  
 58 72.6 61.9 92.9

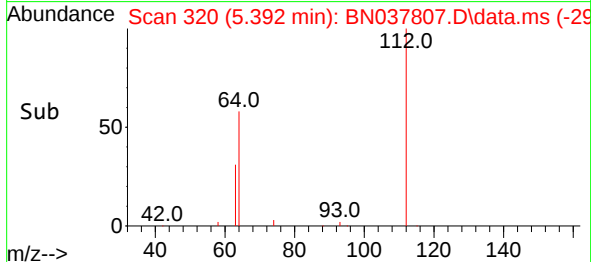
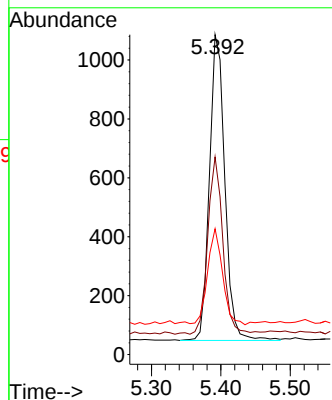
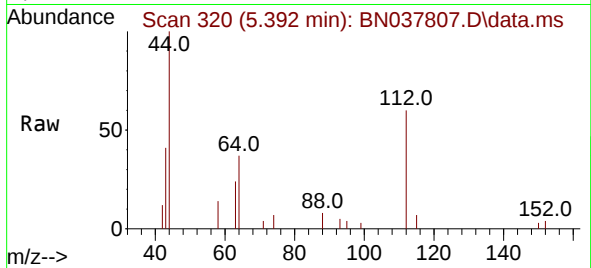




#4  
2-Fluorophenol  
Concen: 0.121 ng  
RT: 5.392 min Scan# 31  
Delta R.T. -0.007 min  
Lab File: BN037807.D  
Acq: 19 Sep 2025 10:02

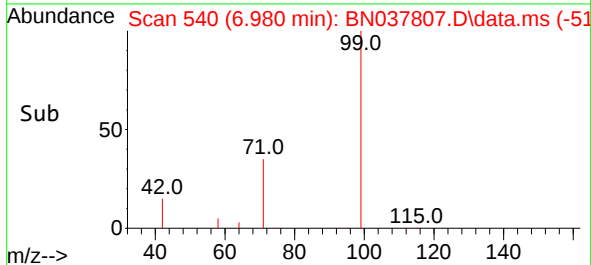
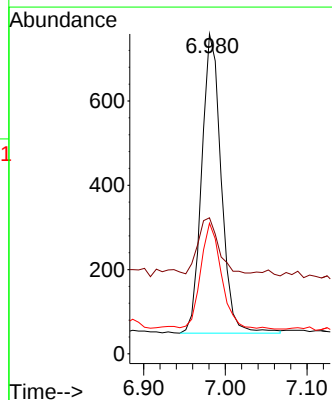
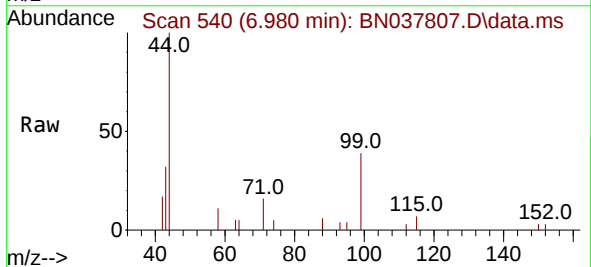
Instrument :  
BNA\_N  
ClientSampleId :  
RE120D1-20250912

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 1604  |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 64       | 57.1  | 44.9  | 67.3  |
| 63       | 30.5  | 24.7  | 37.1  |



#5  
Phenol-d6  
Concen: 0.069 ng  
RT: 6.980 min Scan# 540  
Delta R.T. -0.007 min  
Lab File: BN037807.D  
Acq: 19 Sep 2025 10:02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 1181  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 20.2  | 16.6  | 24.8  |
| 71       | 38.7  | 26.7  | 40.1  |

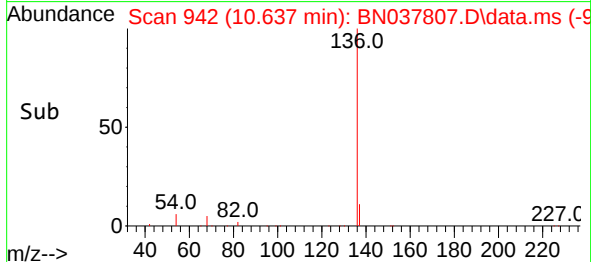
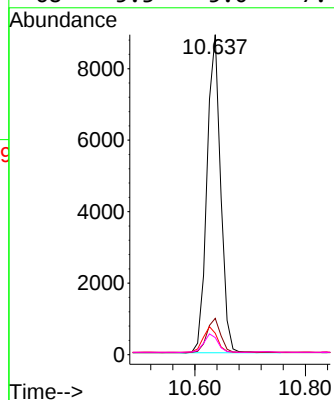
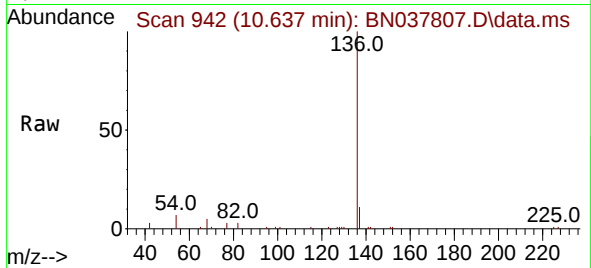




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.637 min Scan# 94  
Delta R.T. -0.011 min  
Lab File: BN037807.D  
Acq: 19 Sep 2025 10:02

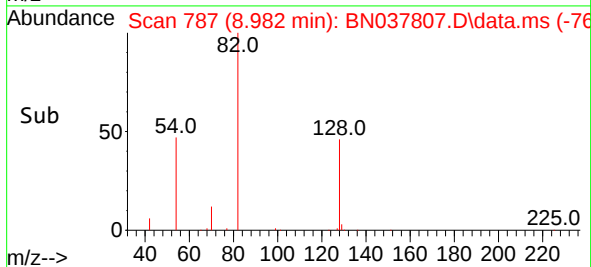
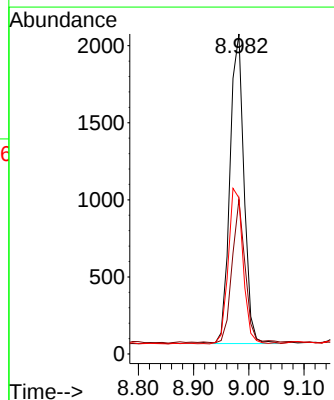
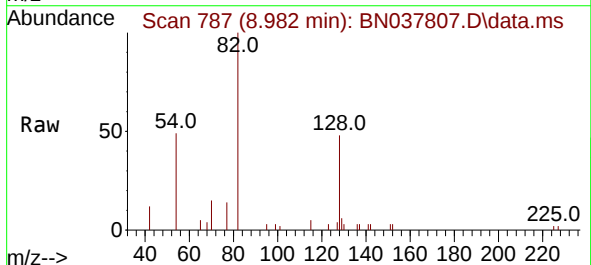
Instrument :  
BNA\_N  
ClientSampleId :  
RE120D1-20250912

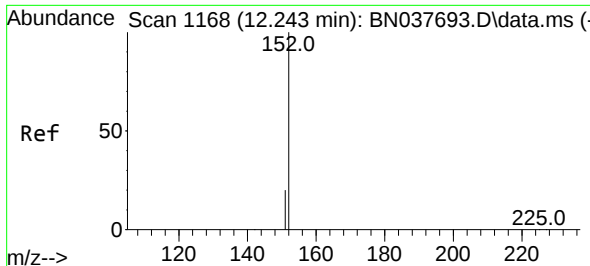
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 15322 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.3  | 9.1   | 13.7  |
| 54        | 6.7   | 6.3   | 9.5   |
| 68        | 5.3   | 5.0   | 7.4   |



#8  
Nitrobenzene-d5  
Concen: 0.315 ng  
RT: 8.982 min Scan# 787  
Delta R.T. -0.011 min  
Lab File: BN037807.D  
Acq: 19 Sep 2025 10:02

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 3535 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 48.3  | 38.3  | 57.5 |
| 54        | 48.8  | 41.4  | 62.2 |

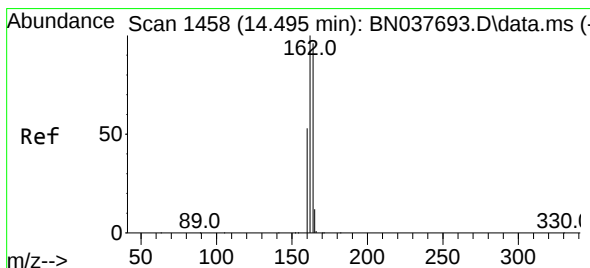
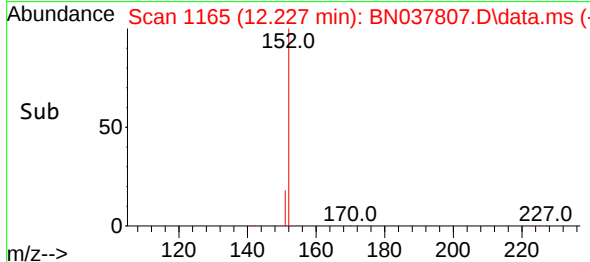
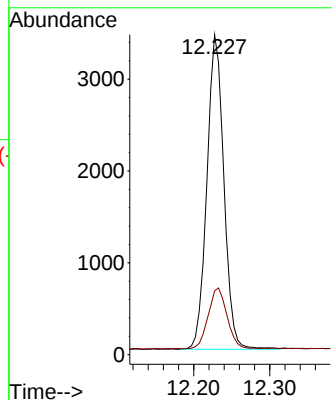
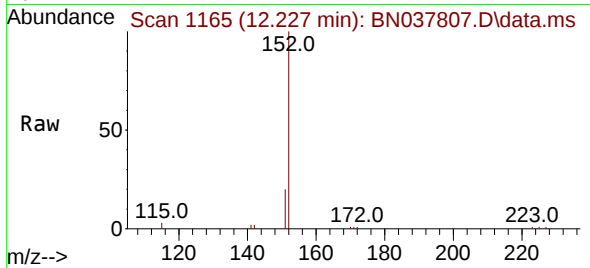




#11  
2-Methylnaphthalene-d10  
Concen: 0.262 ng  
RT: 12.227 min Scan# 1165  
Delta R.T. -0.015 min  
Lab File: BN037807.D  
Acq: 19 Sep 2025 10:02

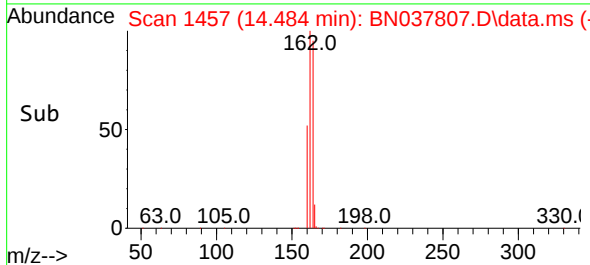
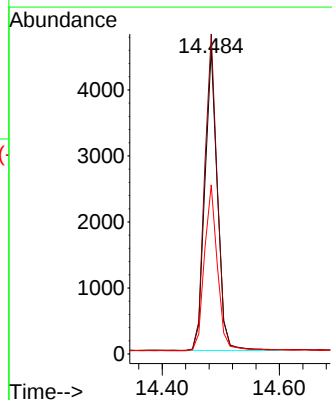
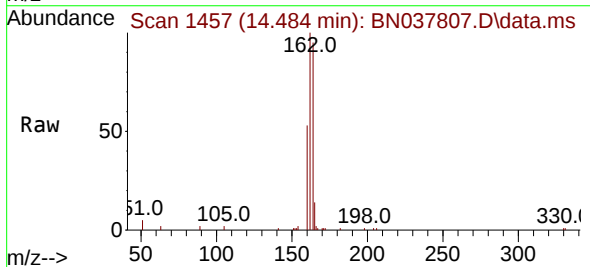
Instrument :  
BNA\_N  
ClientSampleId :  
RE120D1-20250912

Tgt Ion:152 Resp: 5315  
Ion Ratio Lower Upper  
152 100  
151 21.3 17.0 25.6



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.484 min Scan# 1457  
Delta R.T. -0.011 min  
Lab File: BN037807.D  
Acq: 19 Sep 2025 10:02

Tgt Ion:164 Resp: 6856  
Ion Ratio Lower Upper  
164 100  
162 104.9 83.1 124.7  
160 55.4 44.3 66.5

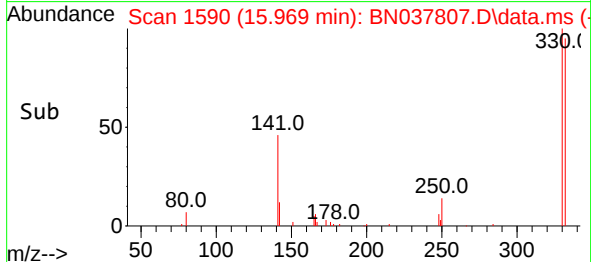
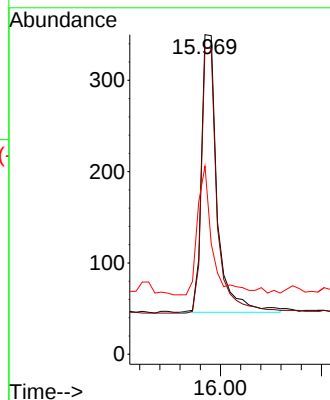
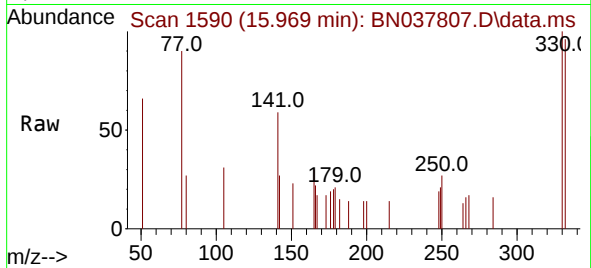




#14  
2,4,6-Tribromophenol  
Concen: 0.371 ng  
RT: 15.969 min Scan# 1590  
Delta R.T. -0.013 min  
Lab File: BN037807.D  
Acq: 19 Sep 2025 10:02

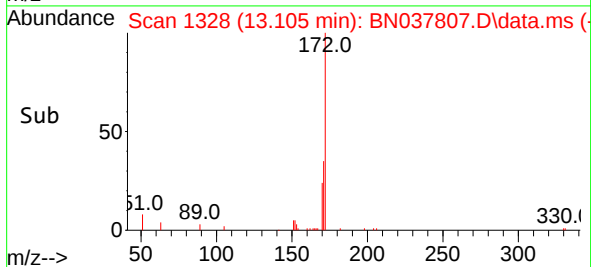
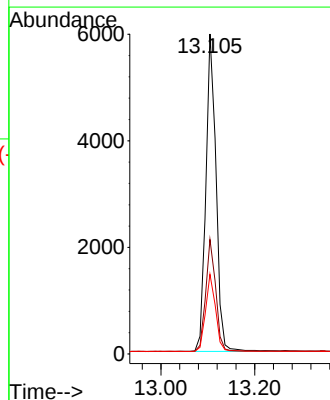
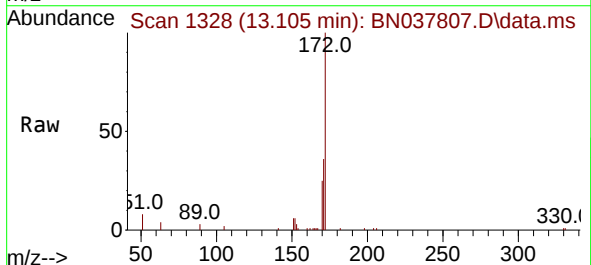
Instrument :  
BNA\_N  
ClientSampleId :  
RE120D1-20250912

Tgt Ion:330 Resp: 664  
Ion Ratio Lower Upper  
330 100  
332 94.6 75.3 112.9  
141 43.2 35.0 52.4



#15  
2-Fluorobiphenyl  
Concen: 0.313 ng  
RT: 13.105 min Scan# 1328  
Delta R.T. -0.011 min  
Lab File: BN037807.D  
Acq: 19 Sep 2025 10:02

Tgt Ion:172 Resp: 8978  
Ion Ratio Lower Upper  
172 100  
171 35.8 28.6 43.0  
170 24.9 19.8 29.8

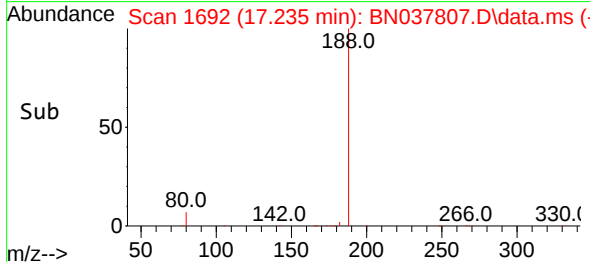
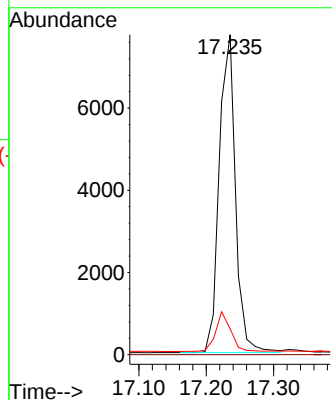
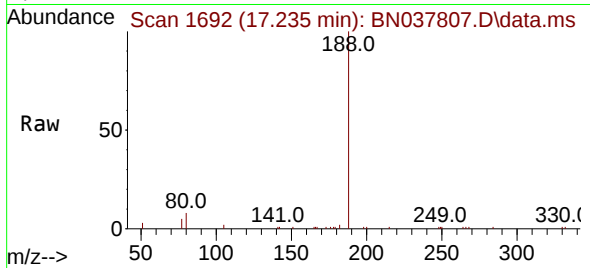




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.235 min Scan# 1692  
Delta R.T. -0.000 min  
Lab File: BN037807.D  
Acq: 19 Sep 2025 10:02

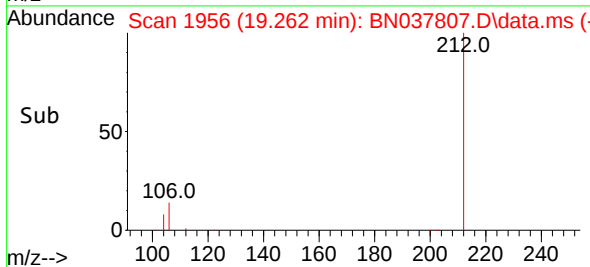
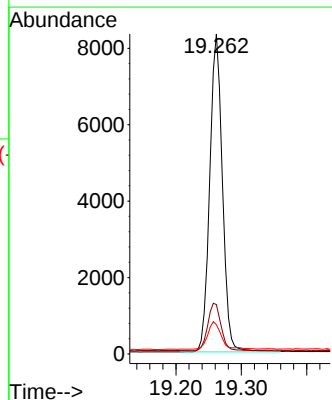
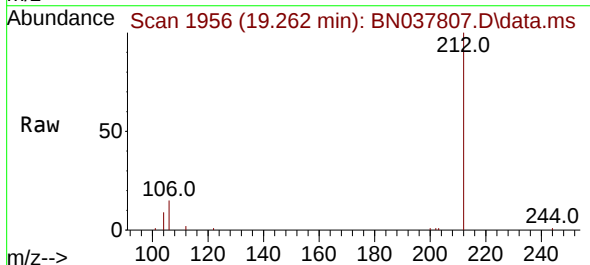
Instrument :  
BNA\_N  
ClientSampleId :  
RE120D1-20250912

Tgt Ion:188 Resp: 12918  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 8.0 10.6 15.8#



#27  
Fluoranthene-d10  
Concen: 0.345 ng  
RT: 19.262 min Scan# 1956  
Delta R.T. -0.009 min  
Lab File: BN037807.D  
Acq: 19 Sep 2025 10:02

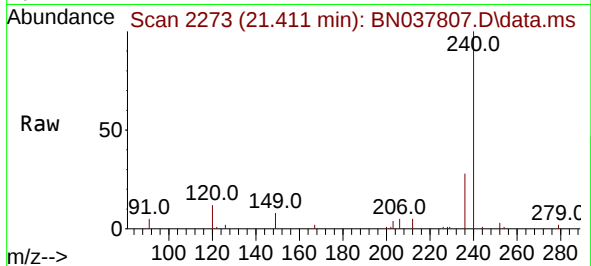
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Ion Ratio Lower Upper  
212 100  
106 15.7 12.2 18.2  
104 9.2 6.9 10.3



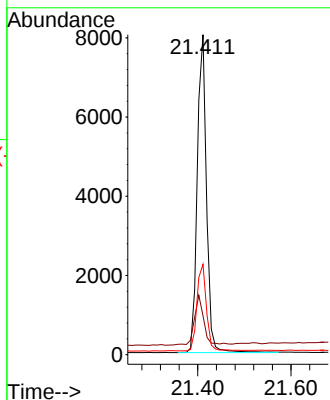
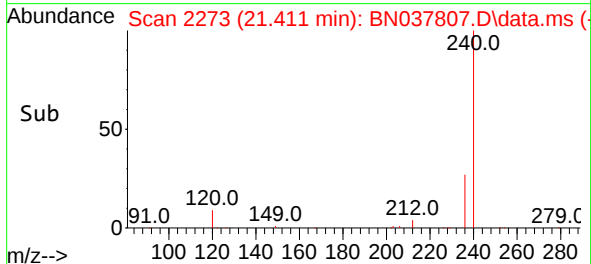


#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.411 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BN037807.D  
Acq: 19 Sep 2025 10:02

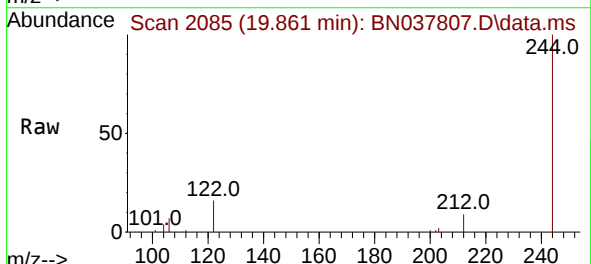
Instrument :  
BNA\_N  
ClientSampleId :  
RE120D1-20250912



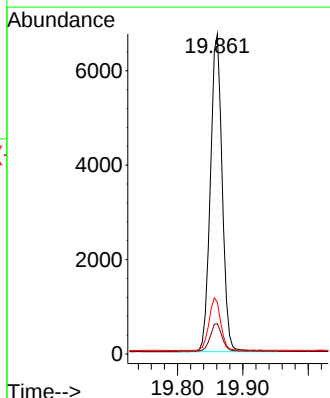
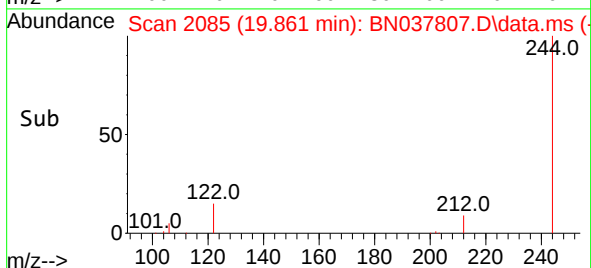
Tgt Ion:240 Resp: 11066  
Ion Ratio Lower Upper  
240 100  
120 12.2 9.2 13.8  
236 28.3 22.6 33.8



#31  
Terphenyl-d14  
Concen: 0.374 ng  
RT: 19.861 min Scan# 2085  
Delta R.T. -0.009 min  
Lab File: BN037807.D  
Acq: 19 Sep 2025 10:02



Tgt Ion:244 Resp: 8410  
Ion Ratio Lower Upper  
244 100  
212 9.4 7.5 11.3  
122 16.1 13.2 19.8

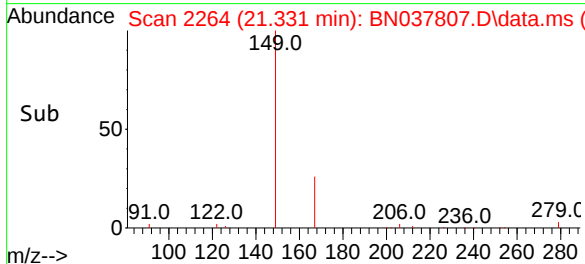
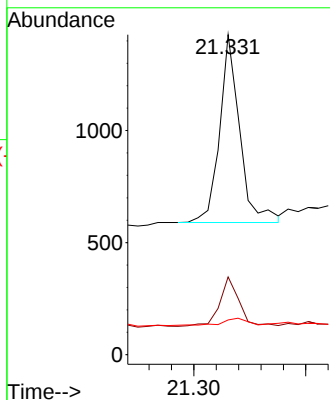
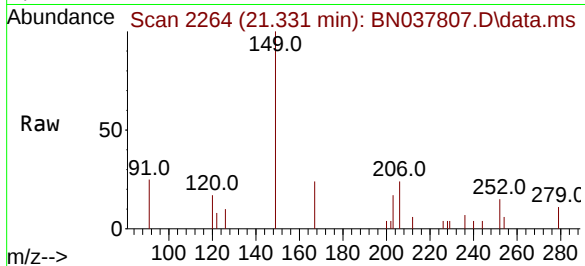




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.091 ng  
 RT: 21.331 min Scan# 21  
 Delta R.T. -0.018 min  
 Lab File: BN037807.D  
 Acq: 19 Sep 2025 10:02

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE120D1-20250912

Tgt Ion:149 Resp: 1043  
 Ion Ratio Lower Upper  
 149 100  
 167 25.7 20.8 31.2  
 279 4.4 3.3 4.9



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.738 min Scan# 2840  
 Delta R.T. -0.015 min  
 Lab File: BN037807.D  
 Acq: 19 Sep 2025 10:02

Tgt Ion:264 Resp: 10367  
 Ion Ratio Lower Upper  
 264 100  
 260 28.0 21.8 32.8  
 265 78.6 39.4 59.2#

