

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN093025\  
 Data File : BN037967.D  
 Acq On : 01 Oct 2025 04:48  
 Operator : RC/JU  
 Sample : Q3193-16  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT161S1-20250923

Quant Time: Oct 01 05:26:03 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN092325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 24 11:00:01 2025  
 Response via : Initial Calibration

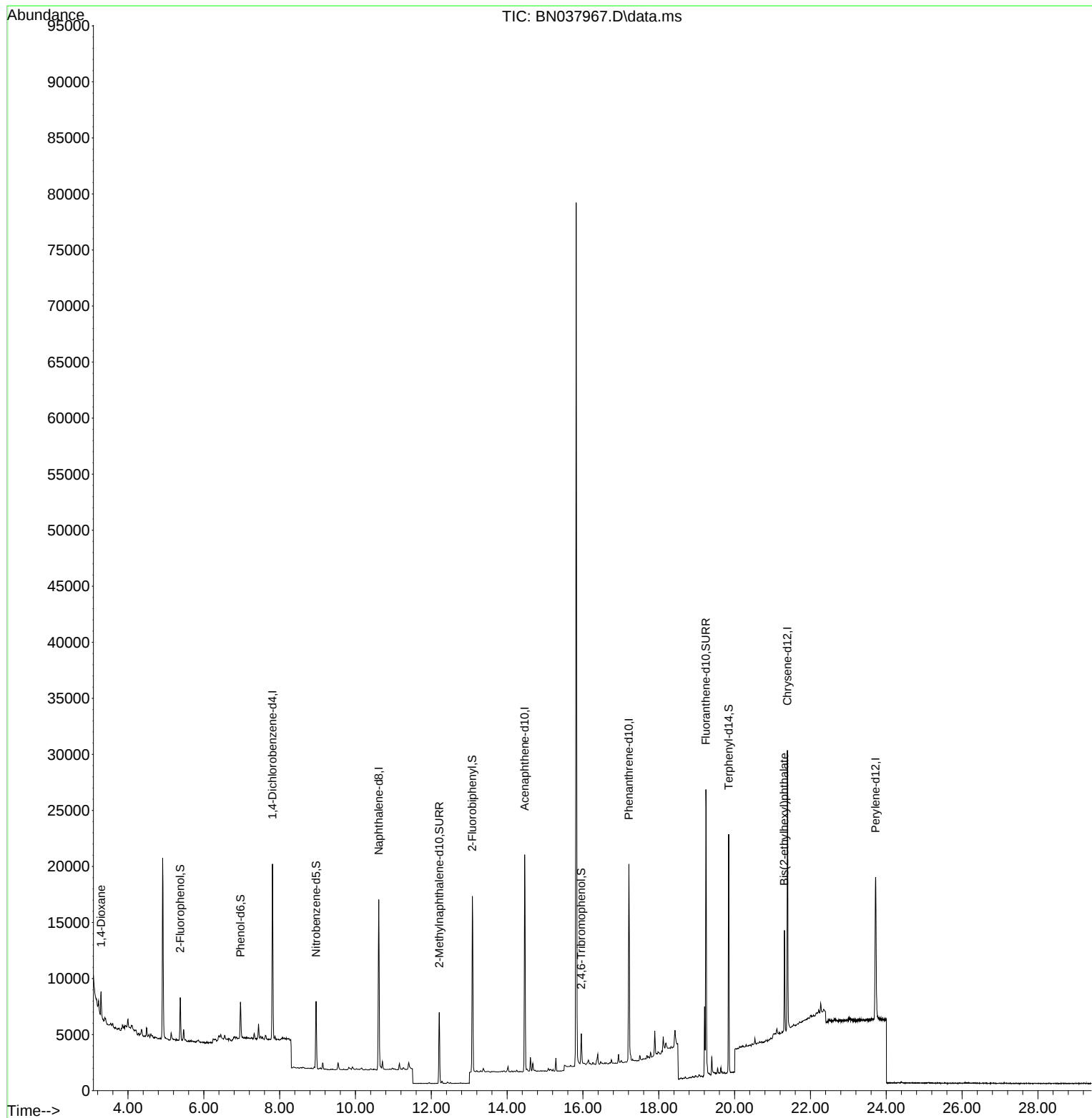
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.811  | 152  | 7403     | 0.400 | ng    | -0.01    |
| 7) Naphthalene-d8             | 10.616 | 136  | 19689    | 0.400 | ng    | -0.01    |
| 13) Acenaphthene-d10          | 14.462 | 164  | 10797    | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.211 | 188  | 22824    | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.393 | 240  | 21668    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.718 | 264  | 17961    | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.377  | 112  | 3117     | 0.185 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.966  | 99   | 3041     | 0.137 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.961  | 82   | 4755     | 0.317 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.212 | 152  | 8672     | 0.317 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.957 | 330  | 1513     | 0.370 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 13.083 | 172  | 14113    | 0.319 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.243 | 212  | 27087    | 0.472 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.842 | 244  | 19246    | 0.446 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.290  | 88   | 1435     | 0.191 | ng    | # 77     |
| 34) Bis(2-ethylhexyl)phtha... | 21.313 | 149  | 8567     | 0.286 | ng    | # 99     |
| -----                         |        |      |          |       |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN093025\  
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Operator : RC/JU  
Sample : Q3193-16  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_N  
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TT161S1-20250923

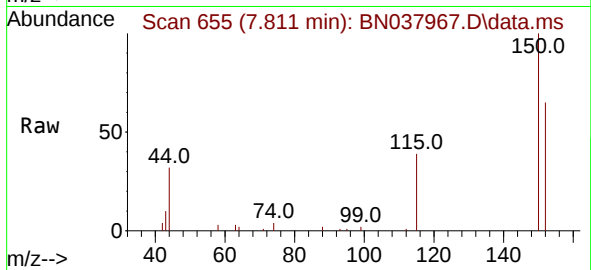
Quant Time: Oct 01 05:26:03 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN092325.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Sep 24 11:00:01 2025  
Response via : Initial Calibration



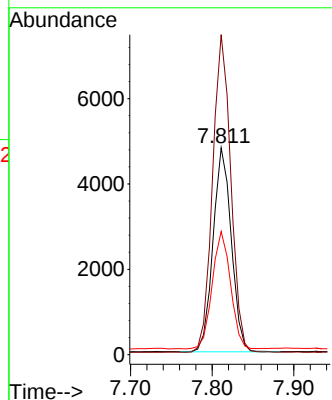
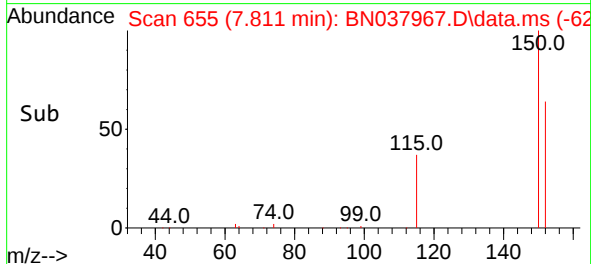


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.811 min Scan# 61  
 Delta R.T. -0.014 min  
 Lab File: BN037967.D  
 Acq: 01 Oct 2025 04:48

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT161S1-20250923

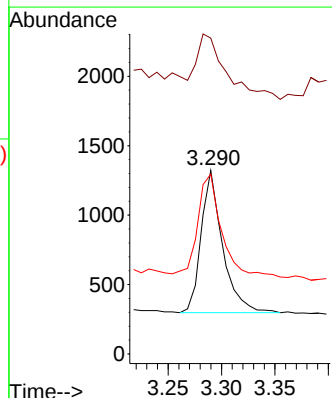
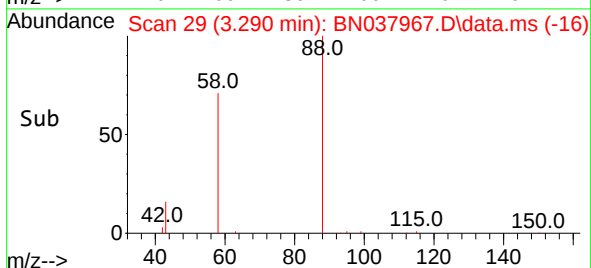
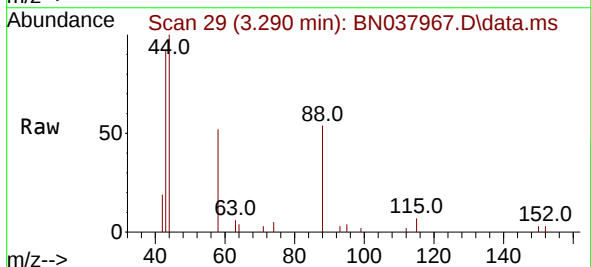


Tgt Ion:152 Resp: 7403  
 Ion Ratio Lower Upper  
 152 100  
 150 154.7 121.0 181.4  
 115 59.6 47.4 71.0



#2  
 1,4-Dioxane  
 Concen: 0.191 ng  
 RT: 3.290 min Scan# 29  
 Delta R.T. -0.007 min  
 Lab File: BN037967.D  
 Acq: 01 Oct 2025 04:48

Tgt Ion: 88 Resp: 1435  
 Ion Ratio Lower Upper  
 88 100  
 43 63.5 26.6 39.8#  
 58 82.0 58.9 88.3





#4

2-Fluorophenol

Concen: 0.185 ng

RT: 5.377 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN037967.D

Acq: 01 Oct 2025 04:48

Instrument :

BNA\_N

ClientSampleId :

TT161S1-20250923

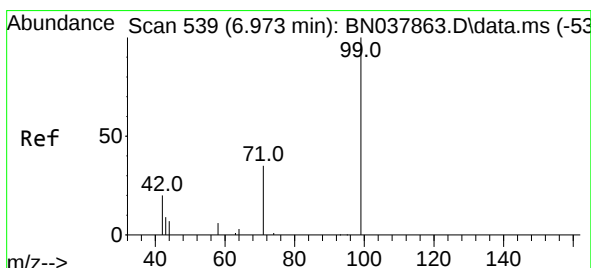
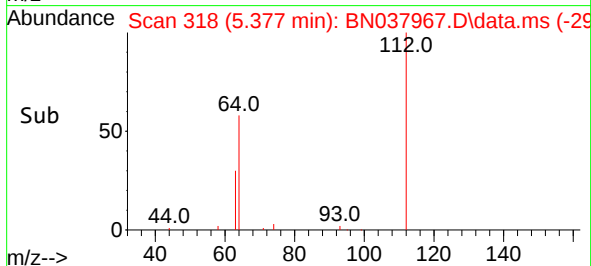
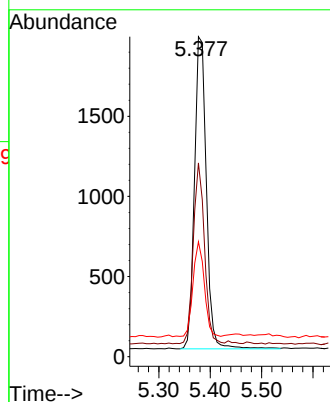
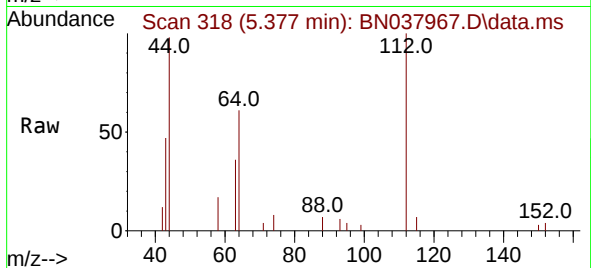
Tgt Ion:112 Resp: 3117

Ion Ratio Lower Upper

112 100

64 54.6 44.6 66.8

63 28.5 24.9 37.3



#5

Phenol-d6

Concen: 0.137 ng

RT: 6.966 min Scan# 538

Delta R.T. -0.007 min

Lab File: BN037967.D

Acq: 01 Oct 2025 04:48

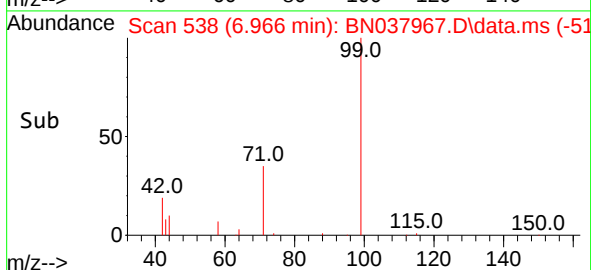
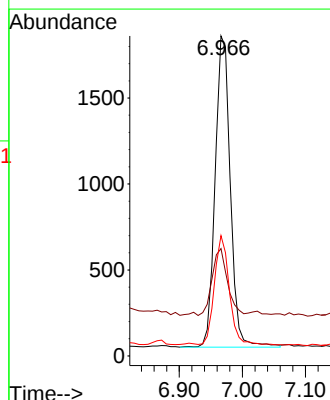
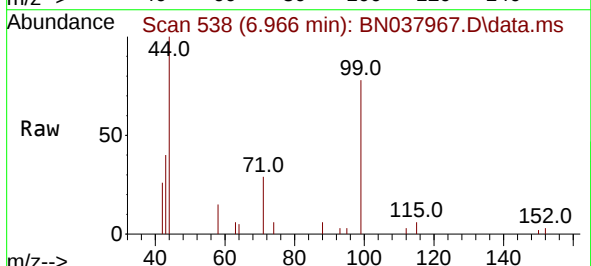
Tgt Ion: 99 Resp: 3041

Ion Ratio Lower Upper

99 100

42 22.4 17.2 25.8

71 34.6 27.3 40.9

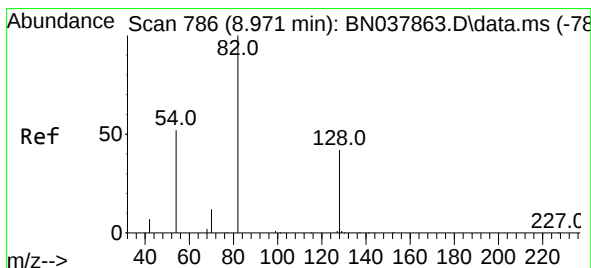
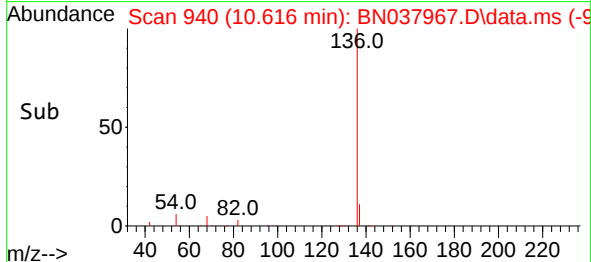
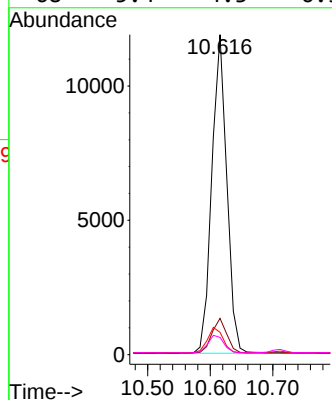
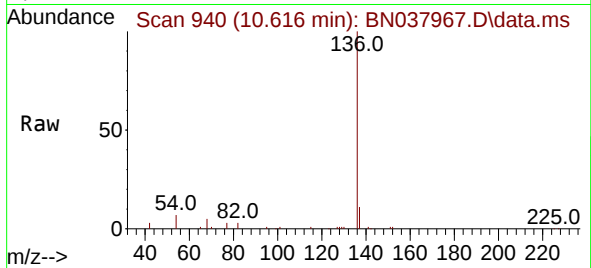




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.616 min Scan# 941  
Delta R.T. -0.011 min  
Lab File: BN037967.D  
Acq: 01 Oct 2025 04:48

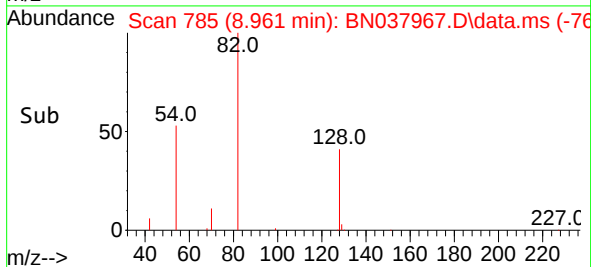
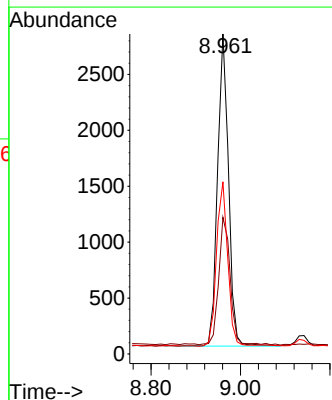
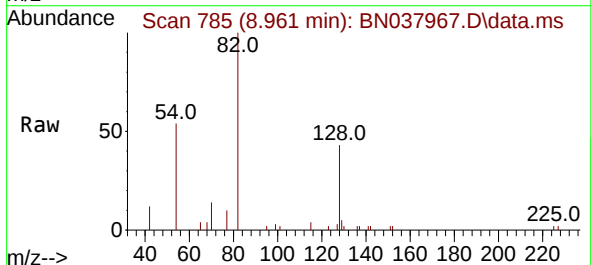
Instrument :  
BNA\_N  
ClientSampleId :  
TT161S1-20250923

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 19689 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.4  | 9.0   | 13.4  |
| 54        | 7.0   | 5.8   | 8.8   |
| 68        | 5.4   | 4.3   | 6.5   |



#8  
Nitrobenzene-d5  
Concen: 0.317 ng  
RT: 8.961 min Scan# 785  
Delta R.T. -0.011 min  
Lab File: BN037967.D  
Acq: 01 Oct 2025 04:48

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 4755 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 42.7  | 34.8  | 52.2 |
| 54        | 53.8  | 42.2  | 63.2 |

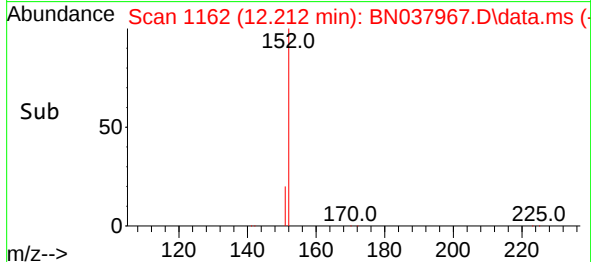
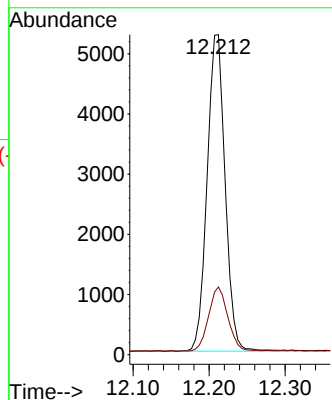
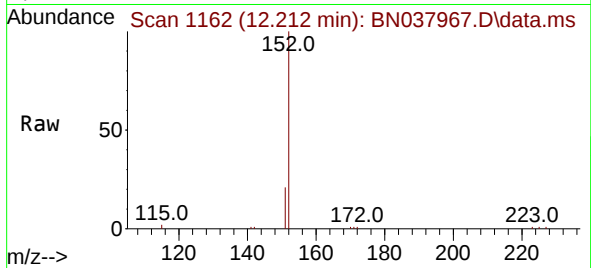




#11  
2-Methylnaphthalene-d10  
Concen: 0.317 ng  
RT: 12.212 min Scan# 1162  
Delta R.T. -0.005 min  
Lab File: BN037967.D  
Acq: 01 Oct 2025 04:48

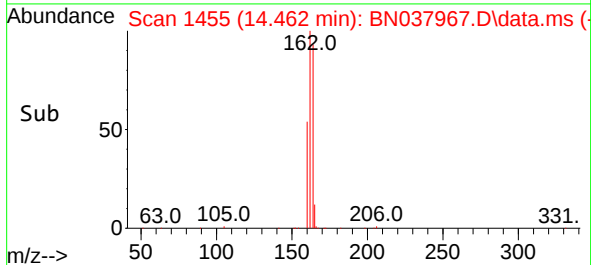
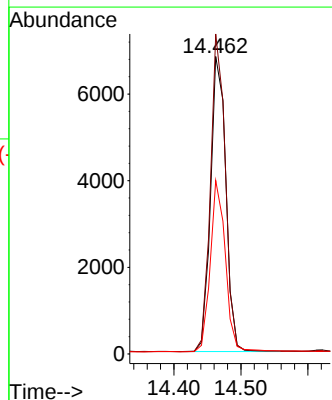
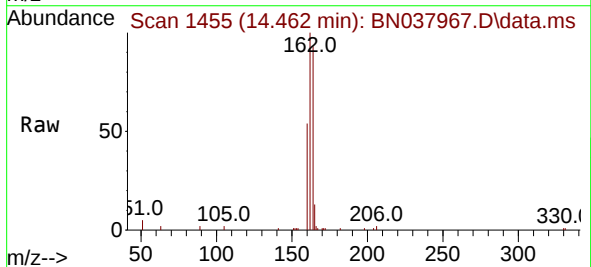
Instrument :  
BNA\_N  
ClientSampleId :  
TT161S1-20250923

Tgt Ion:152 Resp: 8672  
Ion Ratio Lower Upper  
152 100  
151 21.8 17.4 26.2



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.462 min Scan# 1455  
Delta R.T. -0.011 min  
Lab File: BN037967.D  
Acq: 01 Oct 2025 04:48

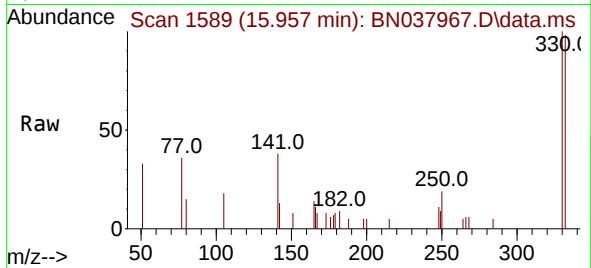
Tgt Ion:164 Resp: 10797  
Ion Ratio Lower Upper  
164 100  
162 107.6 84.8 127.2  
160 58.3 46.1 69.1



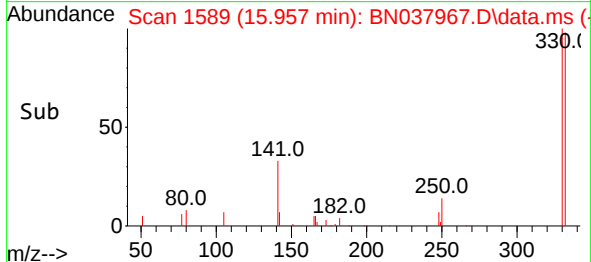
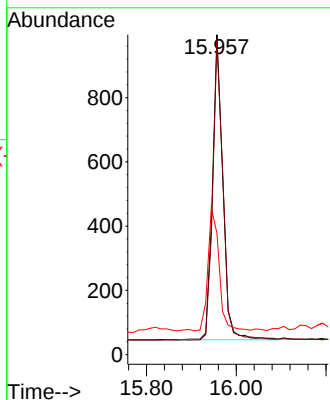


#14  
2,4,6-Tribromophenol  
Concen: 0.370 ng  
RT: 15.957 min Scan# 1589  
Delta R.T. -0.012 min  
Lab File: BN037967.D  
Acq: 01 Oct 2025 04:48

Instrument :  
BNA\_N  
ClientSampleId :  
TT161S1-20250923

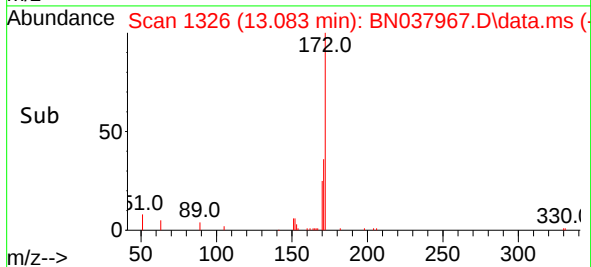
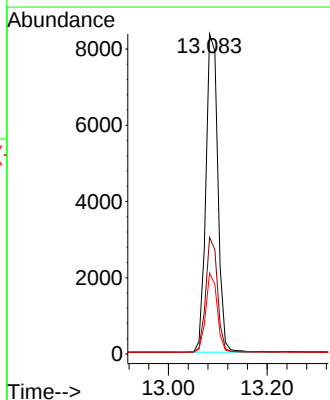
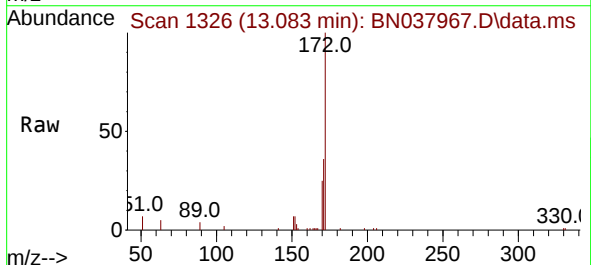


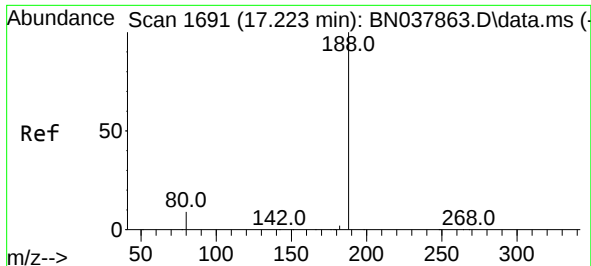
Tgt Ion:330 Resp: 1513  
Ion Ratio Lower Upper  
330 100  
332 97.7 77.2 115.8  
141 43.6 37.2 55.8



#15  
2-Fluorobiphenyl  
Concen: 0.319 ng  
RT: 13.083 min Scan# 1326  
Delta R.T. -0.011 min  
Lab File: BN037967.D  
Acq: 01 Oct 2025 04:48

Tgt Ion:172 Resp: 14113  
Ion Ratio Lower Upper  
172 100  
171 36.5 28.6 43.0  
170 25.2 19.7 29.5

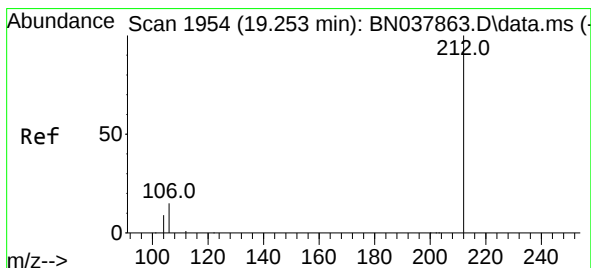
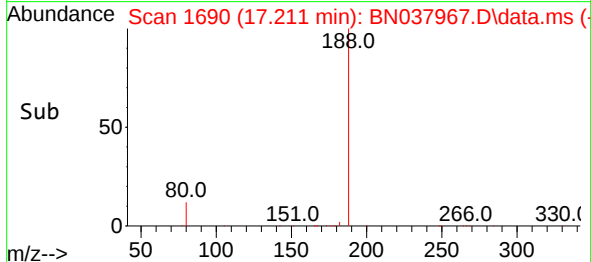
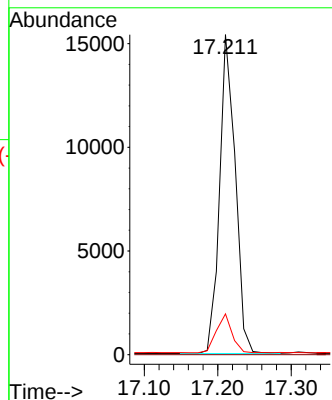
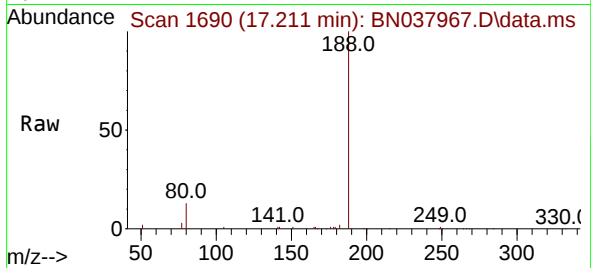




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.211 min Scan# 1690  
Delta R.T. -0.012 min  
Lab File: BN037967.D  
Acq: 01 Oct 2025 04:48

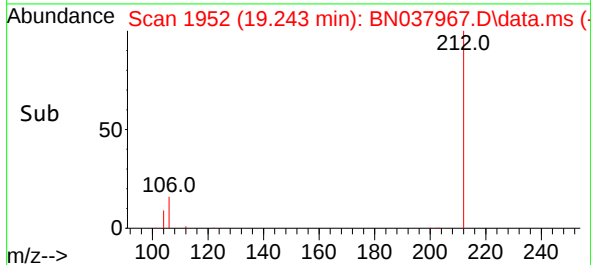
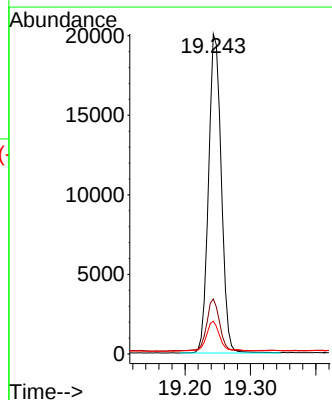
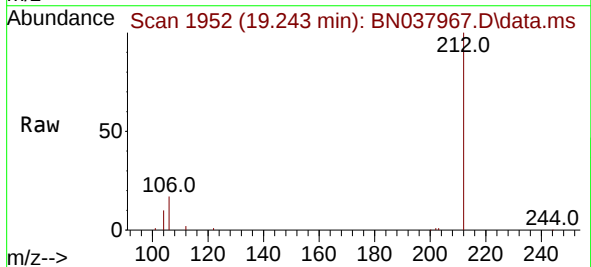
Instrument :  
BNA\_N  
ClientSampleId :  
TT161S1-20250923

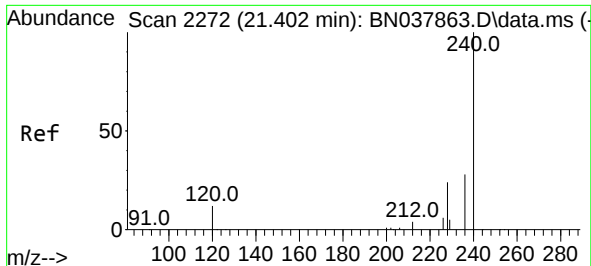
Tgt Ion:188 Resp: 22824  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 12.8 7.6 11.4#



#27  
Fluoranthene-d10  
Concen: 0.472 ng  
RT: 19.243 min Scan# 1952  
Delta R.T. -0.009 min  
Lab File: BN037967.D  
Acq: 01 Oct 2025 04:48

Tgt Ion:212 Resp: 27087  
Ion Ratio Lower Upper  
212 100  
106 17.0 12.6 19.0  
104 9.6 7.4 11.0

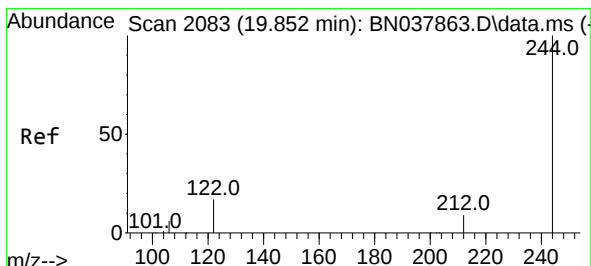
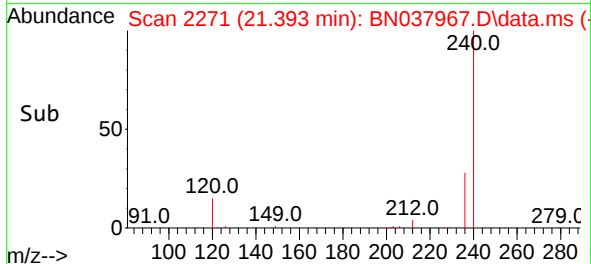
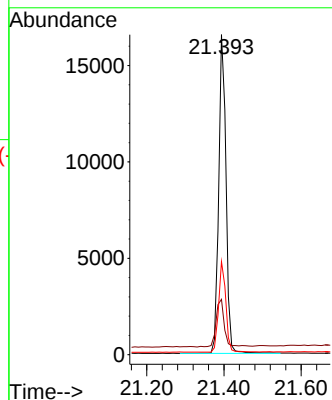
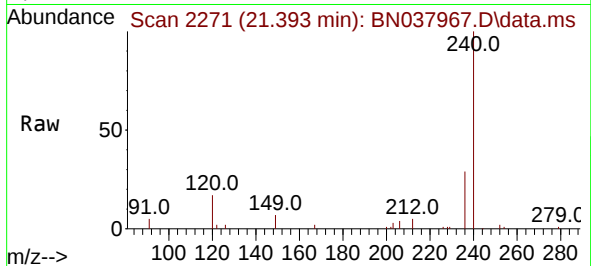




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.393 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BN037967.D  
Acq: 01 Oct 2025 04:48

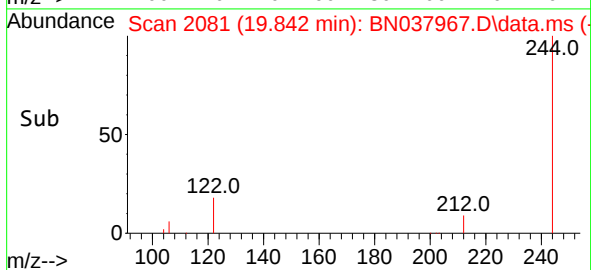
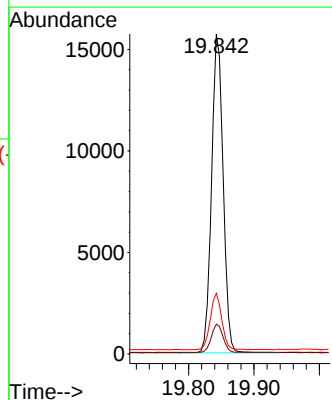
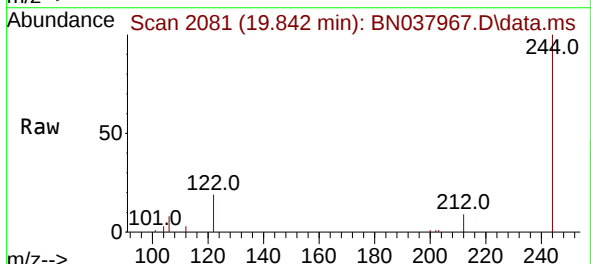
Instrument :  
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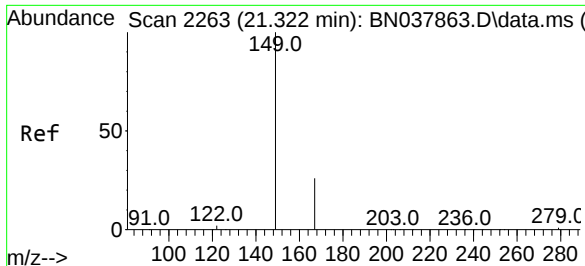
Tgt Ion:240 Resp: 21668  
Ion Ratio Lower Upper  
240 100  
120 17.3 11.4 17.2#  
236 29.1 23.0 34.6



#31  
Terphenyl-d14  
Concen: 0.446 ng  
RT: 19.842 min Scan# 2081  
Delta R.T. -0.009 min  
Lab File: BN037967.D  
Acq: 01 Oct 2025 04:48

Tgt Ion:244 Resp: 19246  
Ion Ratio Lower Upper  
244 100  
212 9.3 7.6 11.4  
122 18.9 13.9 20.9

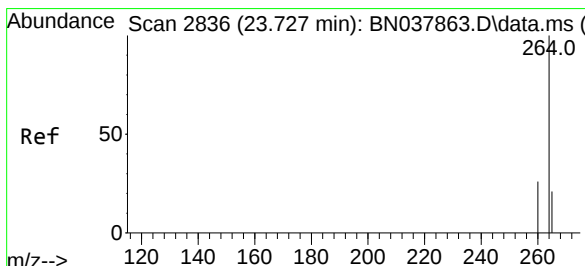
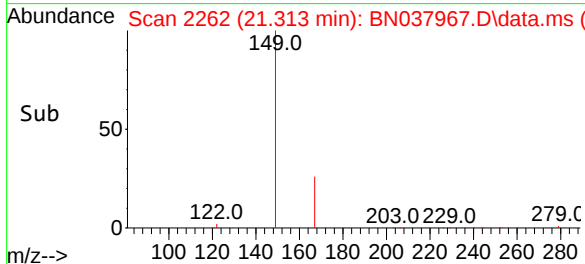
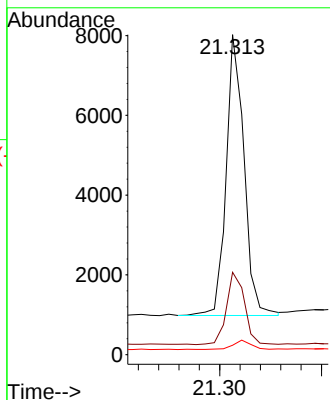
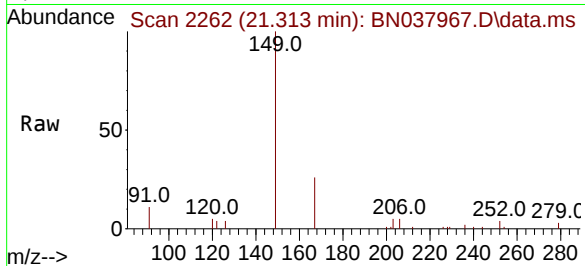




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.286 ng  
 RT: 21.313 min Scan# 2131  
 Delta R.T. -0.009 min  
 Lab File: BN037967.D  
 Acq: 01 Oct 2025 04:48

Instrument :  
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 TT161S1-20250923

Tgt Ion:149 Resp: 8567  
 Ion Ratio Lower Upper  
 149 100  
 167 26.1 20.4 30.6  
 279 3.8 2.4 3.6#



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.718 min Scan# 2833  
 Delta R.T. -0.009 min  
 Lab File: BN037967.D  
 Acq: 01 Oct 2025 04:48

Tgt Ion:264 Resp: 17961  
 Ion Ratio Lower Upper  
 264 100  
 260 26.8 21.5 32.3  
 265 66.4 53.8 80.6

