

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061325\  
 Data File : BN037278.D  
 Acq On : 15 Jun 2025 01:30  
 Operator : RC/JU  
 Sample : Q2316-01  
 Misc :  
 ALS Vial : 57 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW8-SP100-20250612

Quant Time: Jun 16 02:46:50 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN061325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 13 18:43:34 2025  
 Response via : Initial Calibration

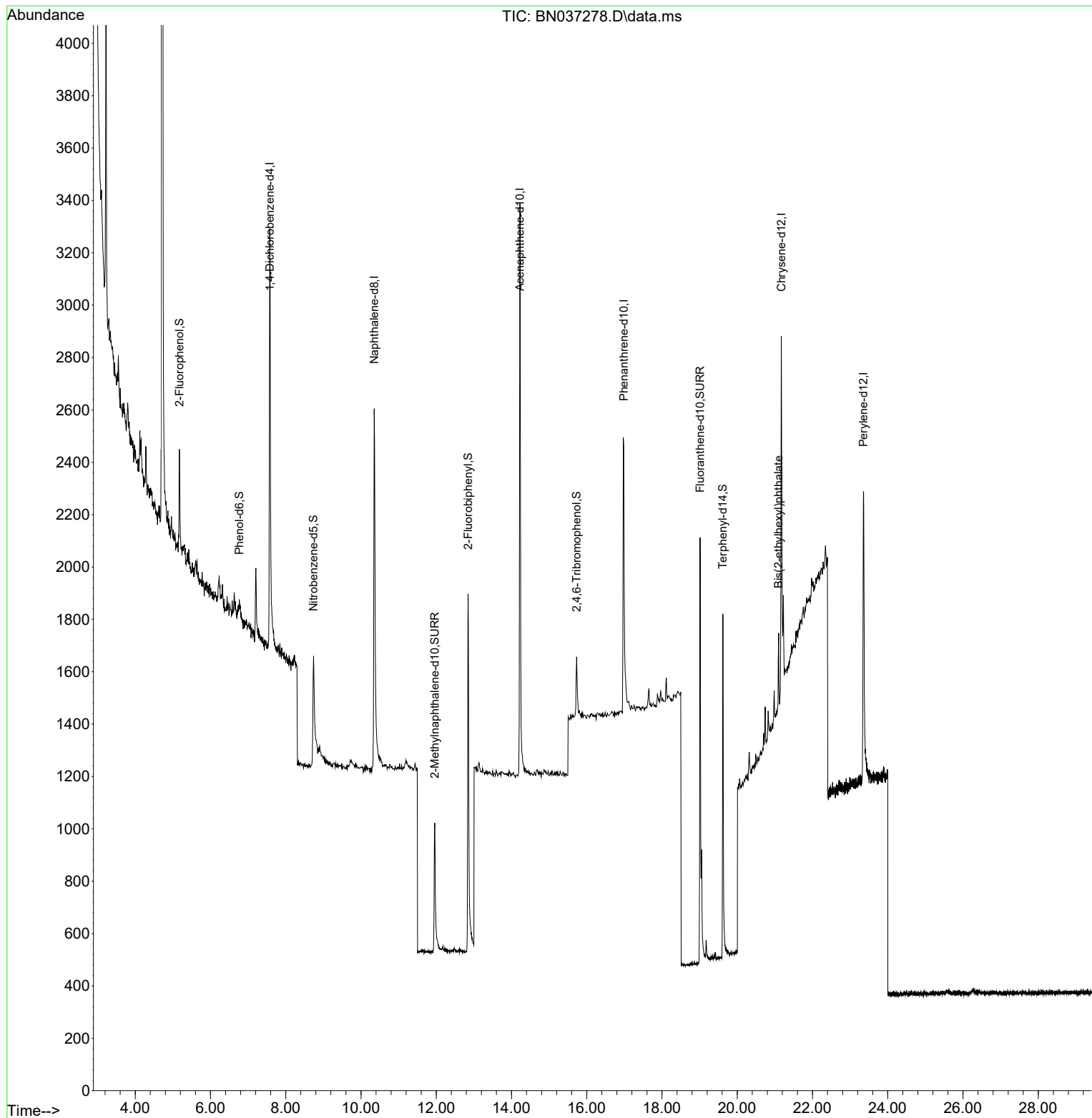
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min)    |
|-------------------------------|--------|------|----------|-------|-------|-------------|
| -----                         |        |      |          |       |       |             |
| Internal Standards            |        |      |          |       |       |             |
| 1) 1,4-Dichlorobenzene-d4     | 7.575  | 152  | 1039     | 0.400 | ng    | 0.00        |
| 7) Naphthalene-d8             | 10.351 | 136  | 2587     | 0.400 | ng    | #-0.01      |
| 13) Acenaphthene-d10          | 14.224 | 164  | 1385     | 0.400 | ng    | 0.00        |
| 19) Phenanthrene-d10          | 16.984 | 188  | 2353     | 0.400 | ng    | # 0.01      |
| 29) Chrysene-d12              | 21.171 | 240  | 1786     | 0.400 | ng    | 0.00        |
| 35) Perylene-d12              | 23.354 | 264  | 1731     | 0.400 | ng    | -0.01       |
| System Monitoring Compounds   |        |      |          |       |       |             |
| 4) 2-Fluorophenol             | 5.177  | 112  | 283      | 0.111 | ng    | 0.00        |
| 5) Phenol-d6                  | 6.766  | 99   | 143      | 0.053 | ng    | 0.00        |
| 8) Nitrobenzene-d5            | 8.739  | 82   | 657      | 0.257 | ng    | 0.01        |
| 11) 2-Methylnaphthalene-d10   | 11.960 | 152  | 997      | 0.287 | ng    | 0.00        |
| 14) 2,4,6-Tribromophenol      | 15.730 | 330  | 191      | 0.332 | ng    | 0.00        |
| 15) 2-Fluorobiphenyl          | 12.848 | 172  | 1757     | 0.302 | ng    | 0.00        |
| 27) Fluoranthene-d10          | 19.012 | 212  | 2298     | 0.373 | ng    | 0.00        |
| 31) Terphenyl-d14             | 19.616 | 244  | 1621     | 0.402 | ng    | 0.00        |
| Target Compounds              |        |      |          |       |       |             |
| 34) Bis(2-ethylhexyl)phtha... | 21.099 | 149  | 260      | 0.058 | ng    | Qvalue # 95 |
| -----                         |        |      |          |       |       |             |

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

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Sample : Q2316-01  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
RW8-SP100-20250612

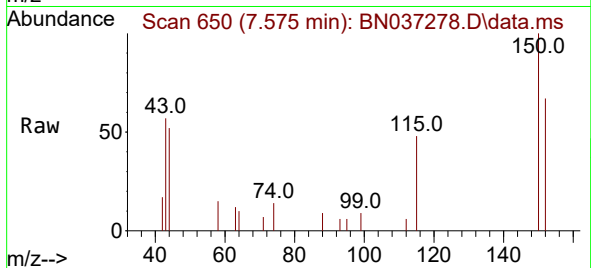
Quant Time: Jun 16 02:46:50 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN061325.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jun 13 18:43:34 2025  
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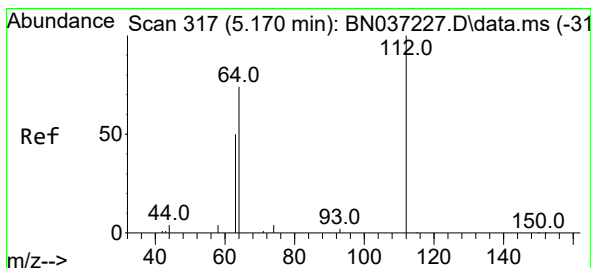
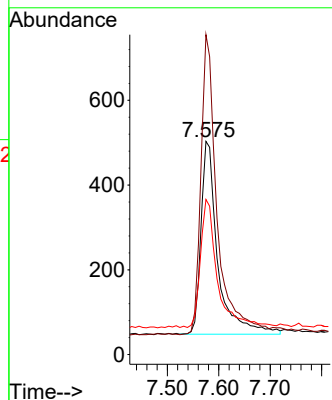
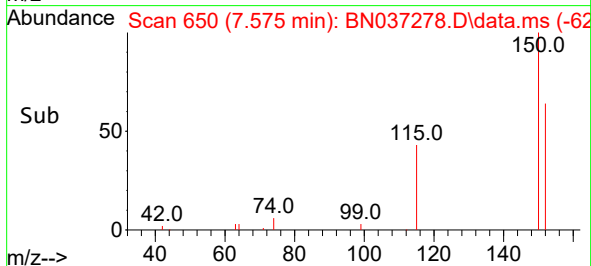


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.575 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BN037278.D  
Acq: 15 Jun 2025 01:30

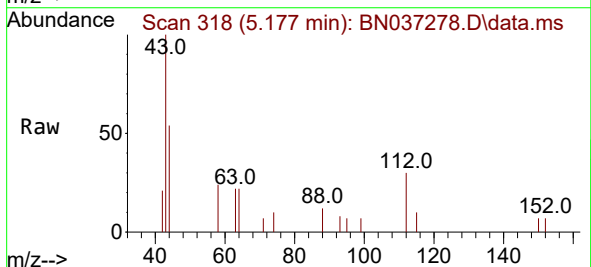
Instrument :  
BNA\_N  
ClientSampleId :  
RW8-SP100-20250612



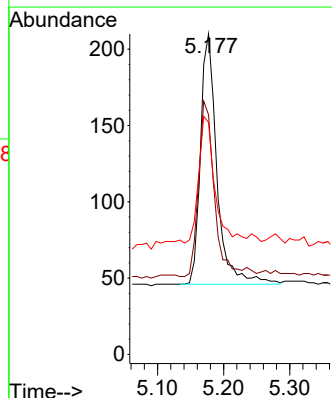
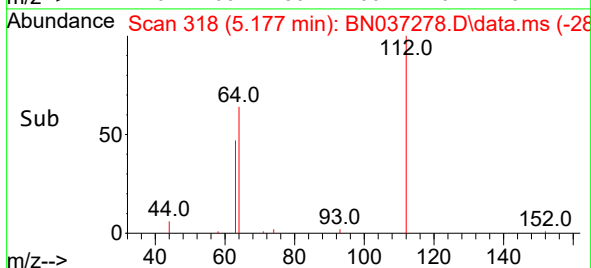
Tgt Ion:152 Resp: 1039  
Ion Ratio Lower Upper  
152 100  
150 150.1 125.2 187.8  
115 72.8 58.4 87.6

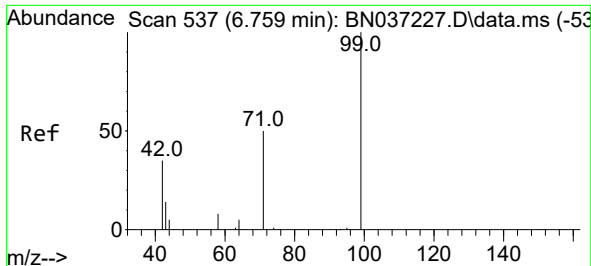


#4  
2-Fluorophenol  
Concen: 0.111 ng  
RT: 5.177 min Scan# 318  
Delta R.T. 0.007 min  
Lab File: BN037278.D  
Acq: 15 Jun 2025 01:30



Tgt Ion:112 Resp: 283  
Ion Ratio Lower Upper  
112 100  
64 68.9 57.2 85.8  
63 62.9 39.8 59.6#





#5

Phenol-d6

Concen: 0.053 ng

RT: 6.766 min Scan# 51

Delta R.T. 0.007 min

Lab File: BN037278.D

Acq: 15 Jun 2025 01:30

Instrument :

BNA\_N

ClientSampleId :

RW8-SP100-20250612

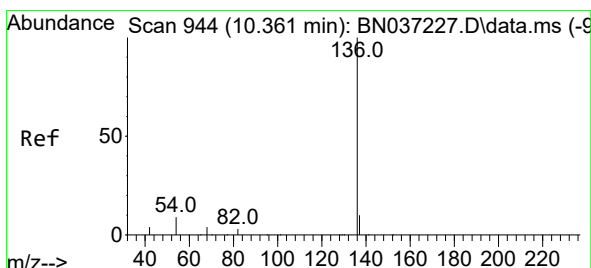
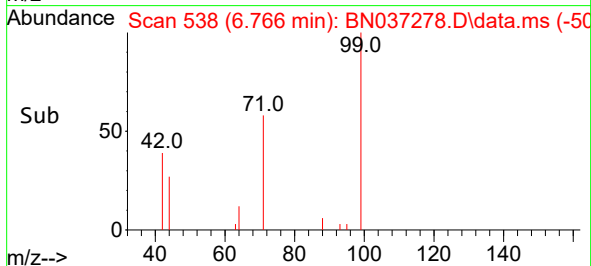
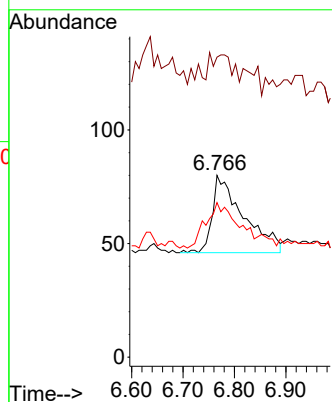
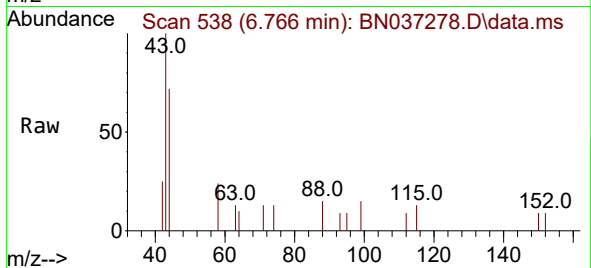
Tgt Ion: 99 Resp: 143

Ion Ratio Lower Upper

99 100

42 24.5 36.2 54.4#

71 60.8 42.4 63.6



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.351 min Scan# 943

Delta R.T. -0.011 min

Lab File: BN037278.D

Acq: 15 Jun 2025 01:30

Tgt Ion: 136 Resp: 2587

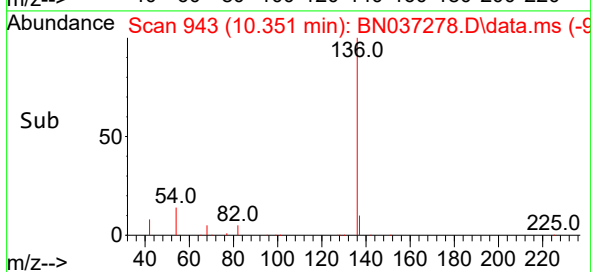
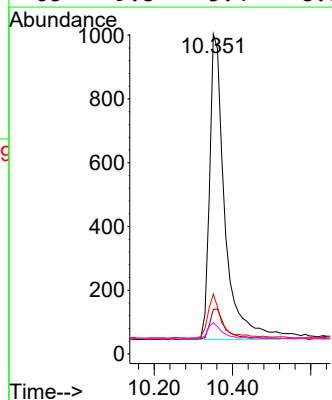
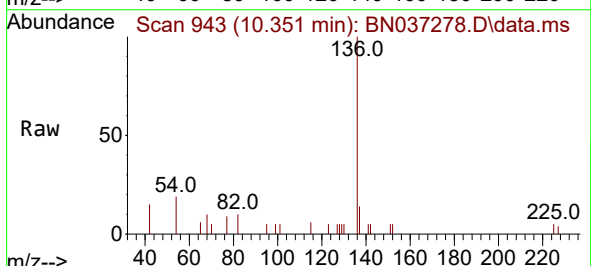
Ion Ratio Lower Upper

136 100

137 13.9 10.6 15.8

54 18.7 9.2 13.8#

68 9.8 5.4 8.0#

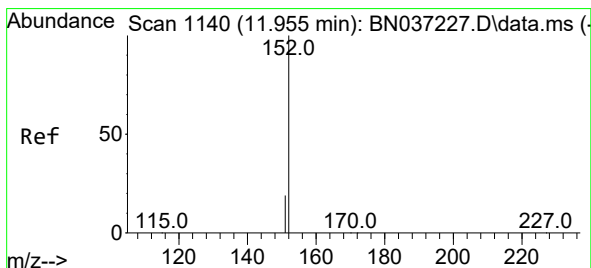
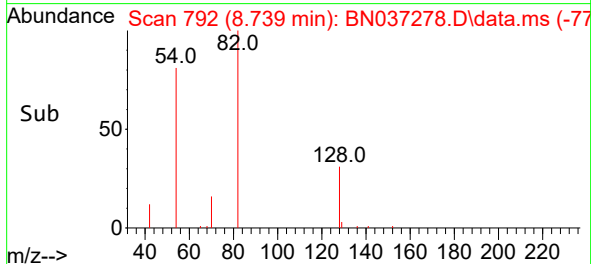
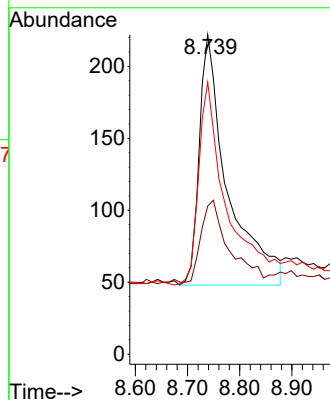
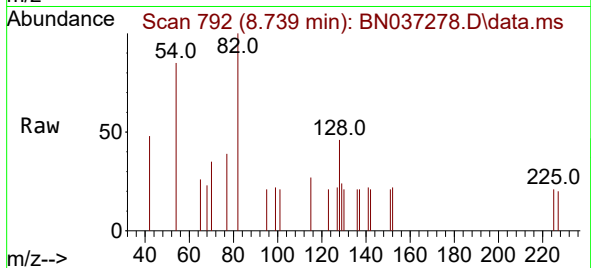




#8  
 Nitrobenzene-d5  
 Concen: 0.257 ng  
 RT: 8.739 min Scan# 791  
 Delta R.T. 0.011 min  
 Lab File: BN037278.D  
 Acq: 15 Jun 2025 01:30

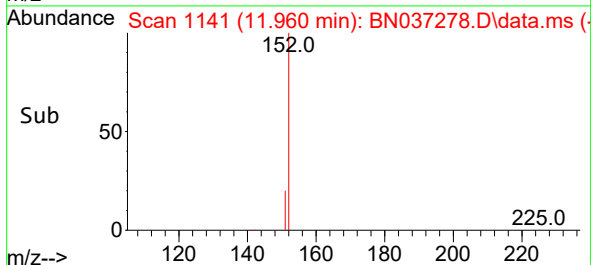
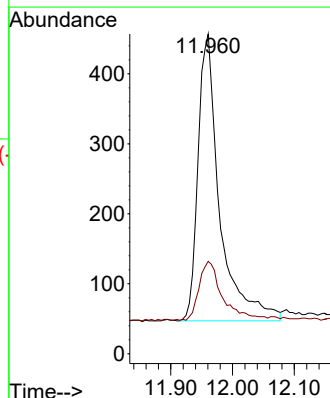
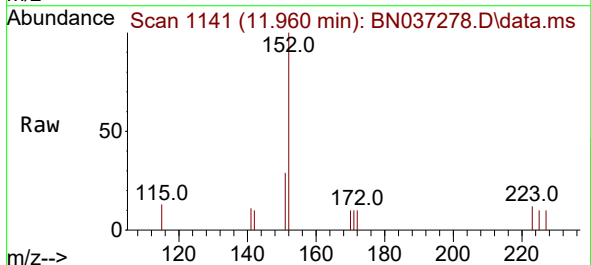
Instrument :  
 BNA\_N  
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 RW8-SP100-20250612

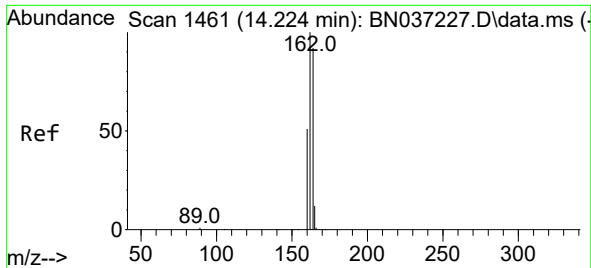
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 657   |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 46.4  | 31.2  | 46.8  |
| 54       | 85.1  | 63.3  | 94.9  |



#11  
 2-Methylnaphthalene-d10  
 Concen: 0.287 ng  
 RT: 11.960 min Scan# 1141  
 Delta R.T. 0.005 min  
 Lab File: BN037278.D  
 Acq: 15 Jun 2025 01:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 997   |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 22.1  | 17.9  | 26.9  |

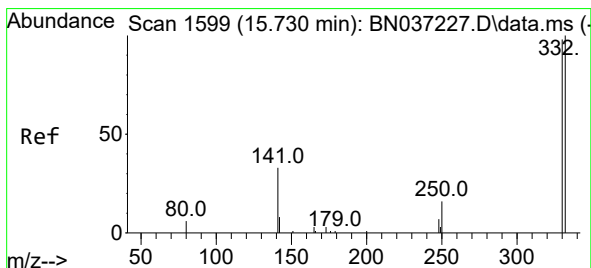
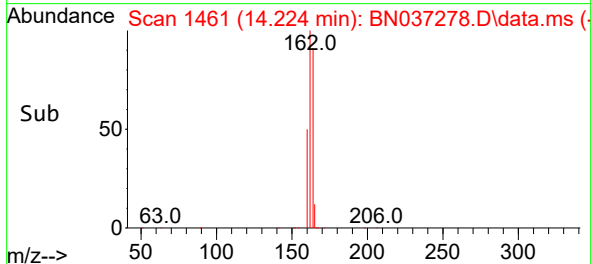
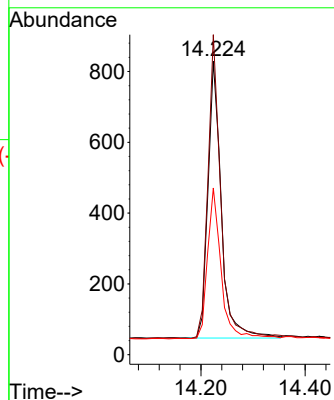
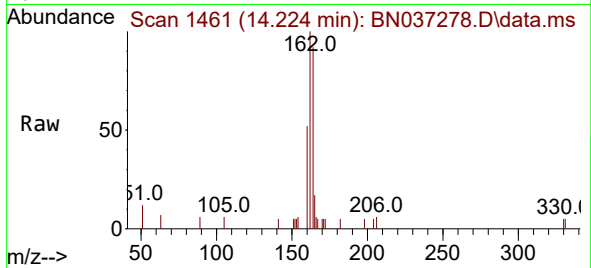




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.224 min Scan# 1461  
Delta R.T. 0.000 min  
Lab File: BN037278.D  
Acq: 15 Jun 2025 01:30

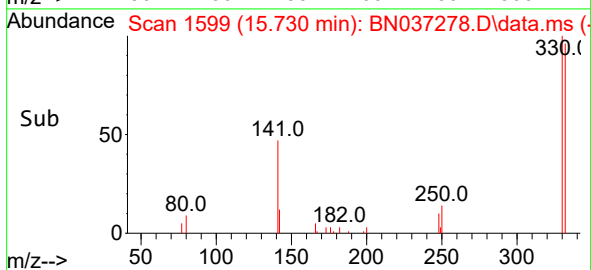
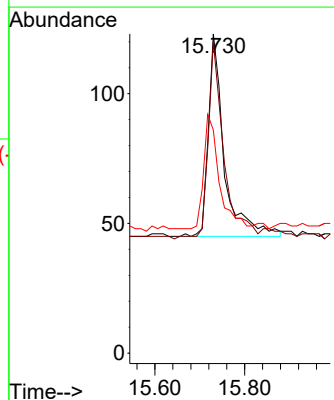
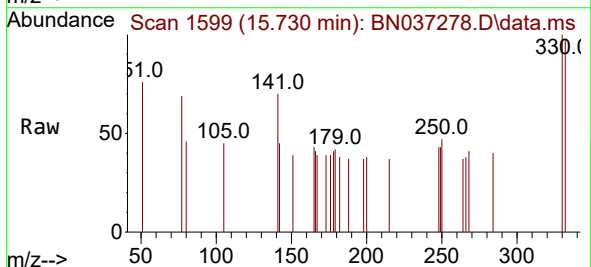
Instrument :  
BNA\_N  
ClientSampleId :  
RW8-SP100-20250612

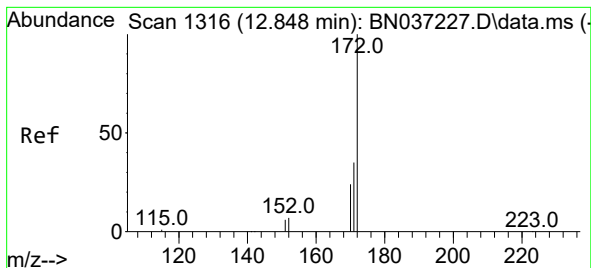
Tgt Ion:164 Resp: 1385  
Ion Ratio Lower Upper  
164 100  
162 109.0 86.7 130.1  
160 56.8 45.8 68.6



#14  
2,4,6-Tribromophenol  
Concen: 0.332 ng  
RT: 15.730 min Scan# 1599  
Delta R.T. 0.000 min  
Lab File: BN037278.D  
Acq: 15 Jun 2025 01:30

Tgt Ion:330 Resp: 191  
Ion Ratio Lower Upper  
330 100  
332 95.8 74.9 112.3  
141 57.1 45.1 67.7





#15

2-Fluorobiphenyl

Concen: 0.302 ng

RT: 12.848 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN037278.D

Acq: 15 Jun 2025 01:30

Instrument :

BNA\_N

ClientSampleId :

RW8-SP100-20250612

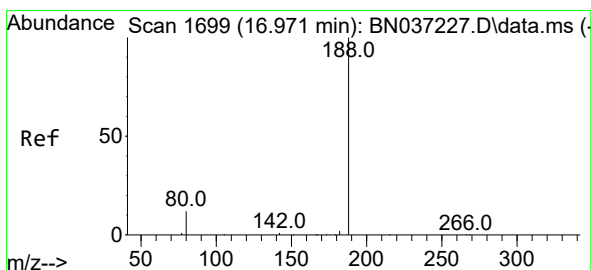
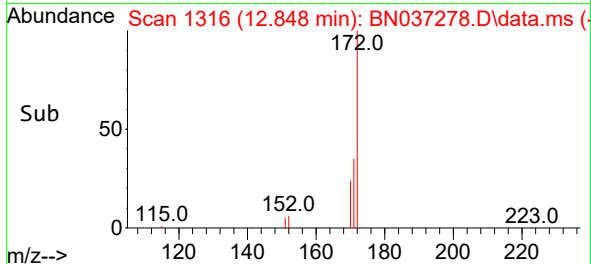
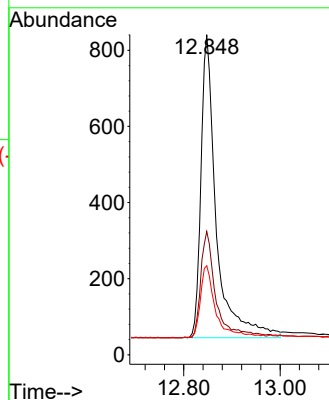
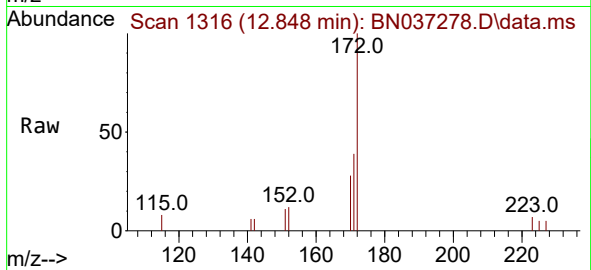
Tgt Ion:172 Resp: 1757

Ion Ratio Lower Upper

172 100

171 38.5 29.8 44.8

170 27.8 21.1 31.7



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.984 min Scan# 1700

Delta R.T. 0.013 min

Lab File: BN037278.D

Acq: 15 Jun 2025 01:30

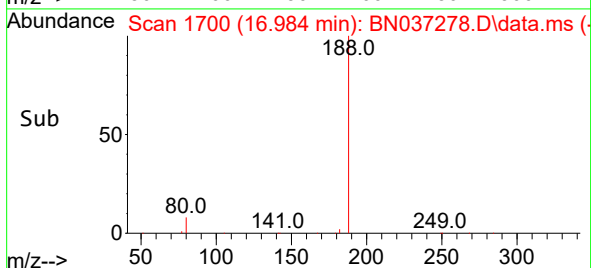
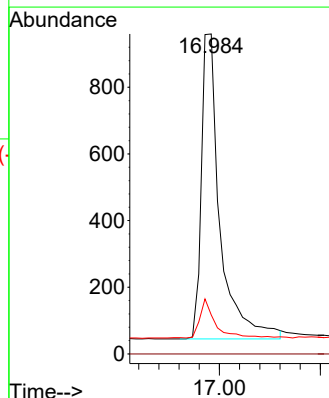
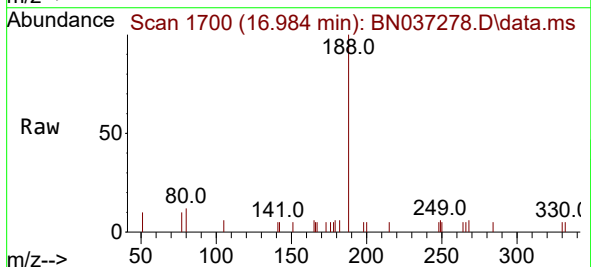
Tgt Ion:188 Resp: 2353

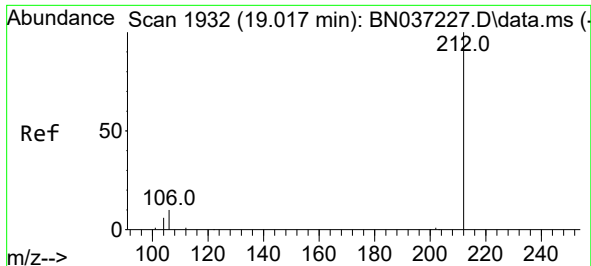
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.2 12.2 18.4#

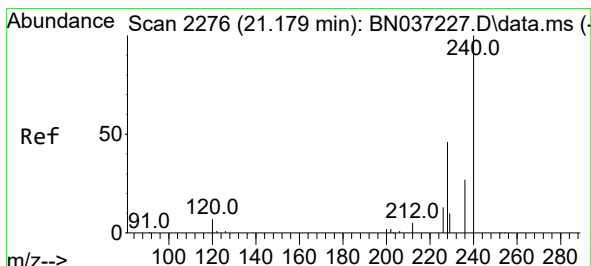
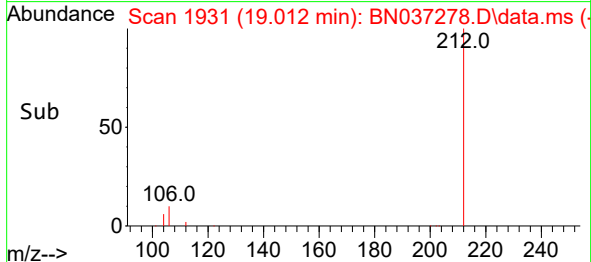
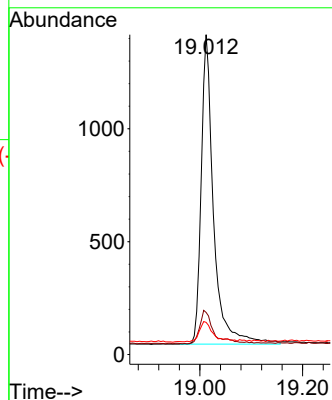
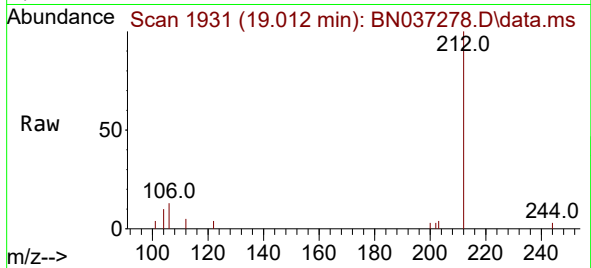




#27  
Fluoranthene-d10  
Concen: 0.373 ng  
RT: 19.012 min Scan# 1931  
Delta R.T. -0.005 min  
Lab File: BN037278.D  
Acq: 15 Jun 2025 01:30

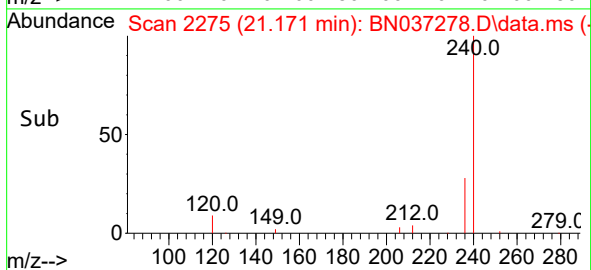
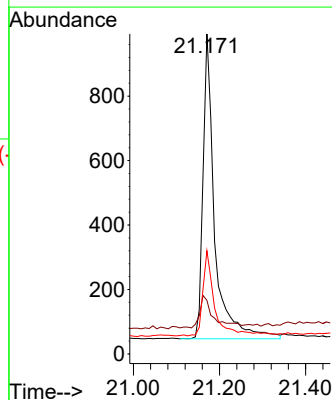
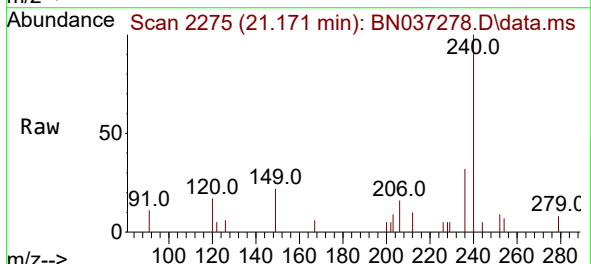
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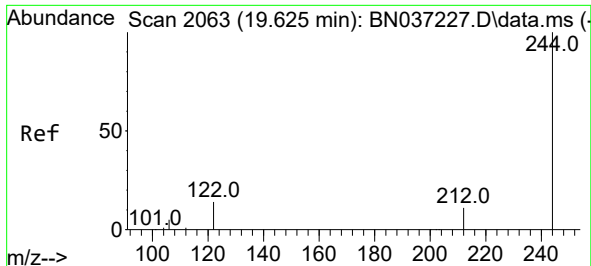
Tgt Ion:212 Resp: 2298  
Ion Ratio Lower Upper  
212 100  
106 12.1 9.3 13.9  
104 7.3 5.7 8.5



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.171 min Scan# 2275  
Delta R.T. -0.009 min  
Lab File: BN037278.D  
Acq: 15 Jun 2025 01:30

Tgt Ion:240 Resp: 1786  
Ion Ratio Lower Upper  
240 100  
120 16.7 11.3 16.9  
236 32.2 24.4 36.6

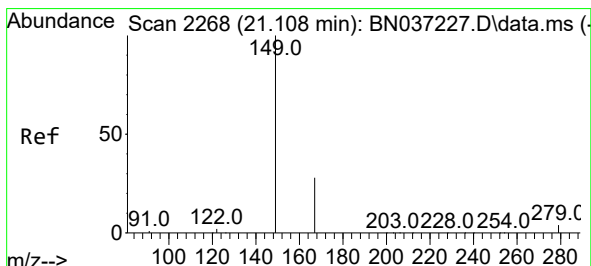
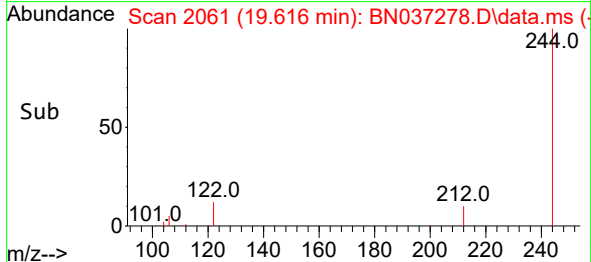
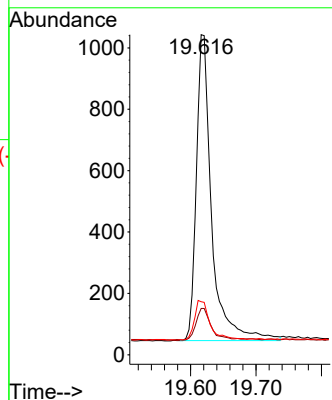
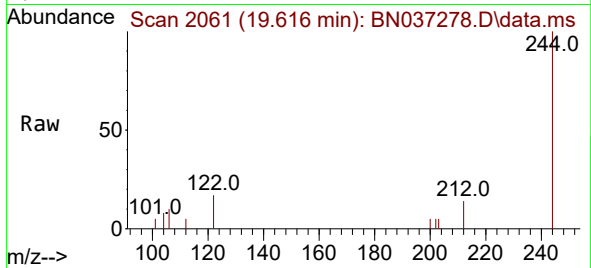




#31  
 Terphenyl-d14  
 Concen: 0.402 ng  
 RT: 19.616 min Scan# 2061  
 Delta R.T. -0.009 min  
 Lab File: BN037278.D  
 Acq: 15 Jun 2025 01:30

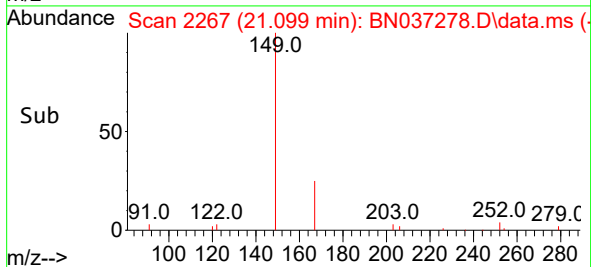
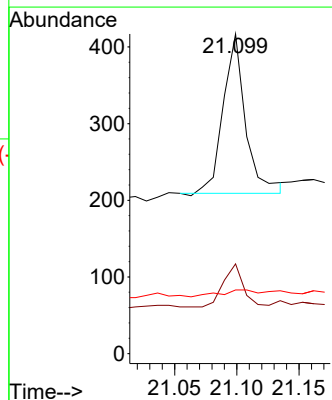
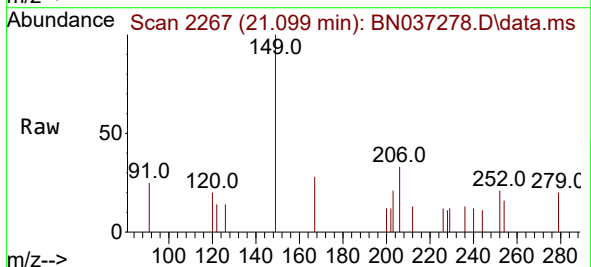
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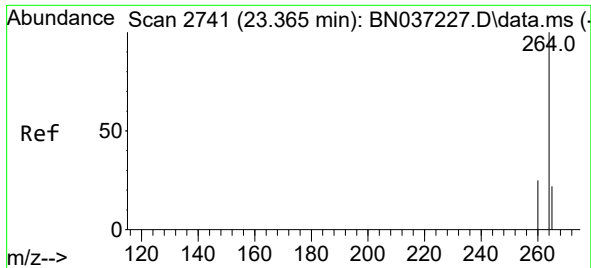
Tgt Ion:244 Resp: 1621  
 Ion Ratio Lower Upper  
 244 100  
 212 14.5 12.2 18.2  
 122 16.6 14.3 21.5



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.058 ng  
 RT: 21.099 min Scan# 2267  
 Delta R.T. -0.009 min  
 Lab File: BN037278.D  
 Acq: 15 Jun 2025 01:30

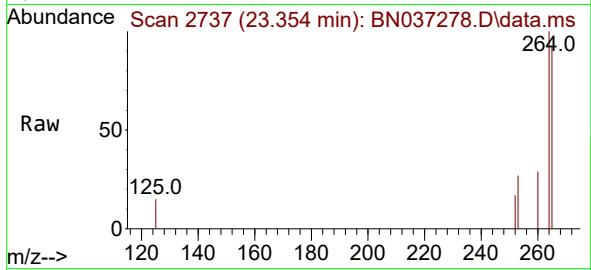
Tgt Ion:149 Resp: 260  
 Ion Ratio Lower Upper  
 149 100  
 167 24.2 21.3 31.9  
 279 6.9 3.3 4.9#





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.354 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: BN037278.D  
 Acq: 15 Jun 2025 01:30

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW8-SP100-20250612



Tgt Ion: 264 Resp: 1731

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 29.1  | 22.8  | 34.2  |
| 265 | 91.9  | 66.4  | 99.6  |

