

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051925\  
 Data File : BN037040.D  
 Acq On : 19 May 2025 12:02  
 Operator : RC/JU  
 Sample : Q2064-01  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW8-SP100-70-20250514

Quant Time: May 19 12:56:48 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN051425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 14 11:26:32 2025  
 Response via : Initial Calibration

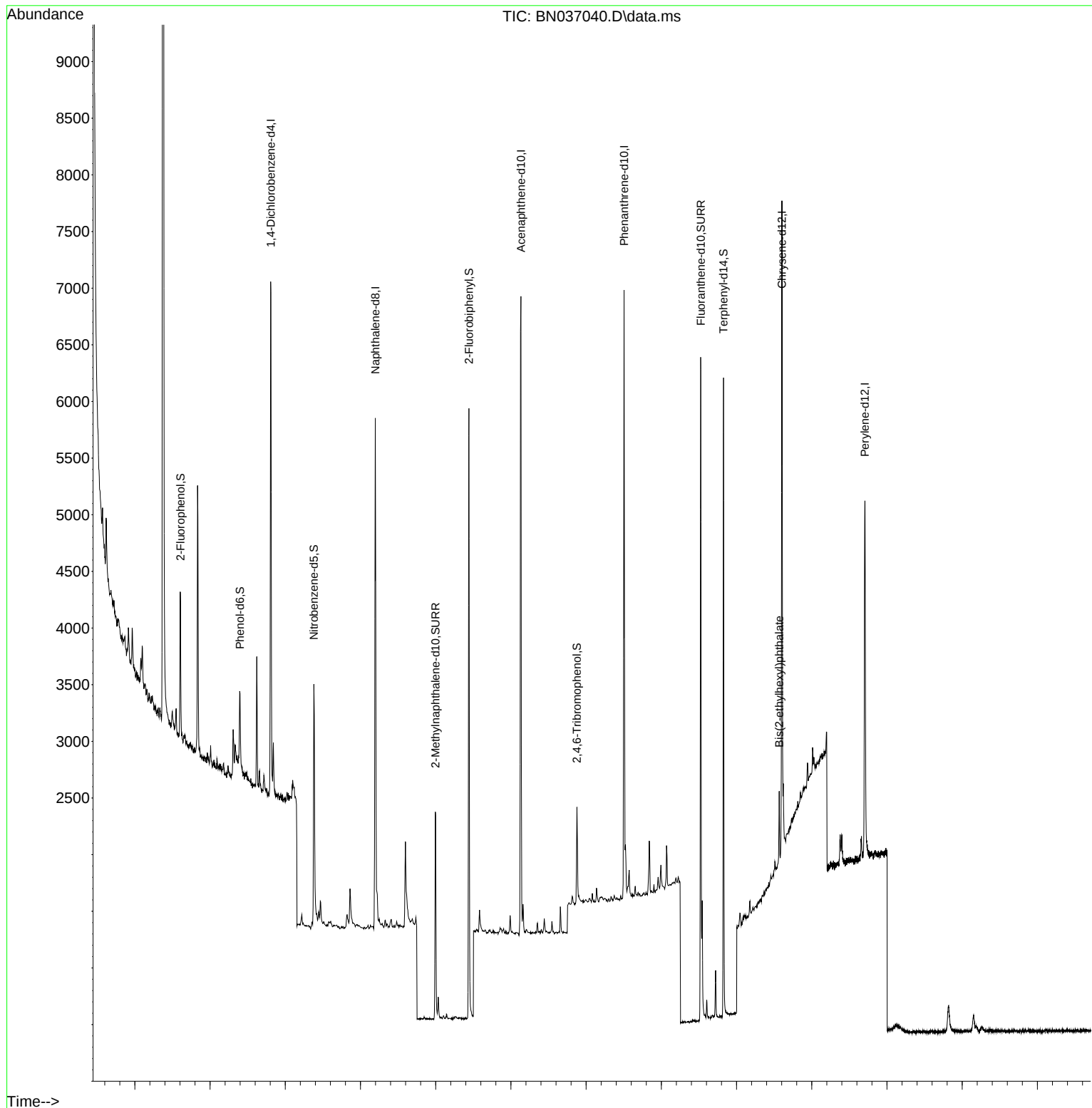
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.618  | 152  | 2279     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.393 | 136  | 5859     | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.266 | 164  | 3462     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.008 | 188  | 6945     | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.206 | 240  | 5149     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.412 | 264  | 4430     | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.213  | 112  | 862      | 0.144 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.795  | 99   | 585      | 0.078 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.760  | 82   | 1943     | 0.305 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 11.991 | 152  | 2696     | 0.327 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.755 | 330  | 473      | 0.311 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 12.883 | 172  | 4812     | 0.304 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.049 | 212  | 6799     | 0.357 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.653 | 244  | 5275     | 0.479 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 34) Bis(2-ethylhexyl)phtha... | 21.135 | 149  | 647      | 0.054 | ng    | # 92     |
| -----                         |        |      |          |       |       |          |

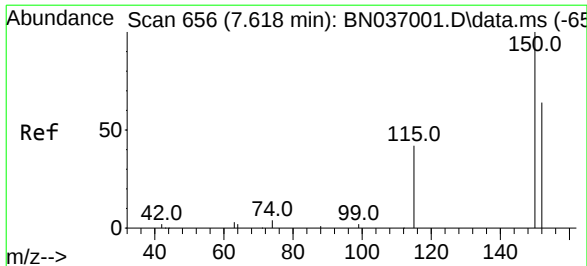
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051925\  
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RW8-SP100-70-20250514

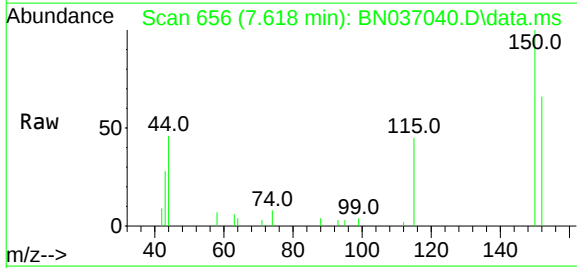
Quant Time: May 19 12:56:48 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN051425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 14 11:26:32 2025  
Response via : Initial Calibration



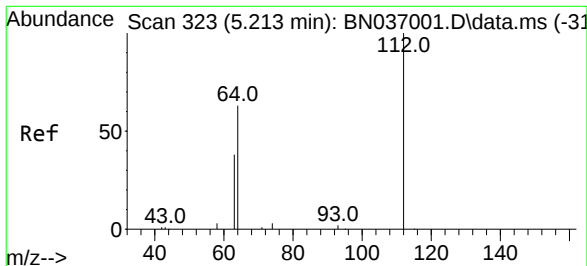
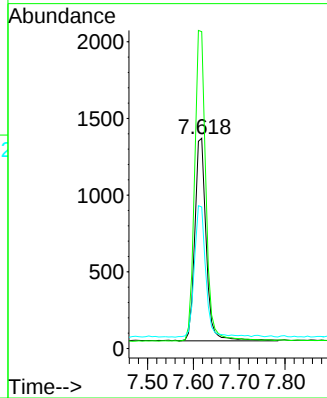
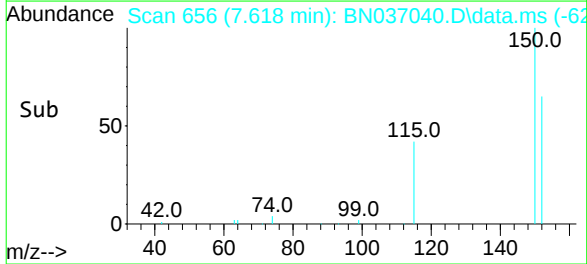


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.618 min Scan# 65  
 Delta R.T. 0.000 min  
 Lab File: BN037040.D  
 Acq: 19 May 2025 12:02

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW8-SP100-70-20250514

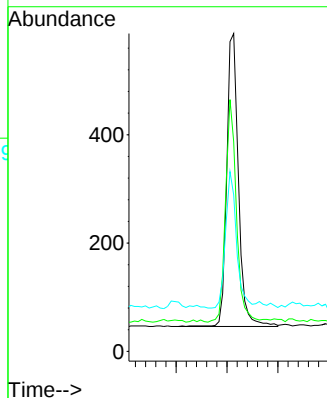
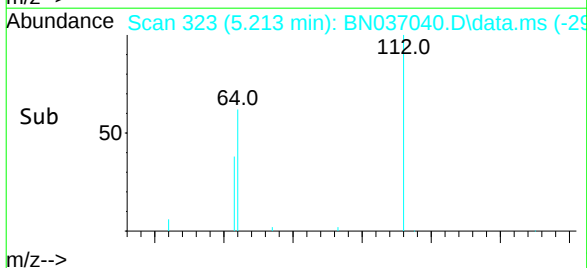
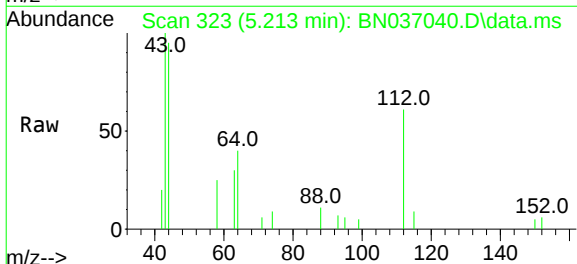


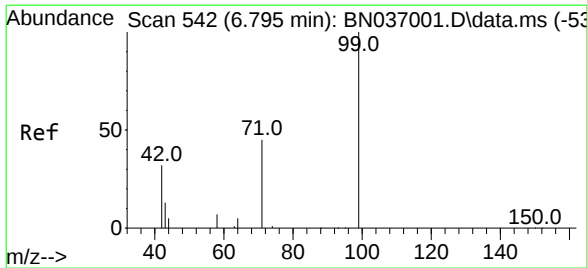
Tgt Ion:152 Resp: 2279  
 Ion Ratio Lower Upper  
 152 100  
 150 150.7 123.9 185.9  
 115 67.3 55.8 83.8



#4  
 2-Fluorophenol  
 Concen: 0.144 ng  
 RT: 5.213 min Scan# 323  
 Delta R.T. 0.000 min  
 Lab File: BN037040.D  
 Acq: 19 May 2025 12:02

Tgt Ion:112 Resp: 862  
 Ion Ratio Lower Upper  
 112 100  
 64 70.8 55.7 83.5  
 63 44.0 34.6 51.8





#5

Phenol-d6

Concen: 0.078 ng

RT: 6.795 min Scan# 541

Delta R.T. -0.000 min

Lab File: BN037040.D

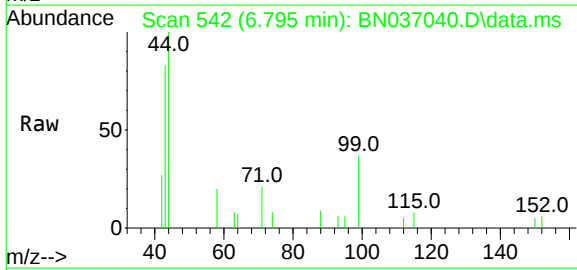
Acq: 19 May 2025 12:02

Instrument :

BNA\_N

ClientSampleId :

RW8-SP100-70-20250514



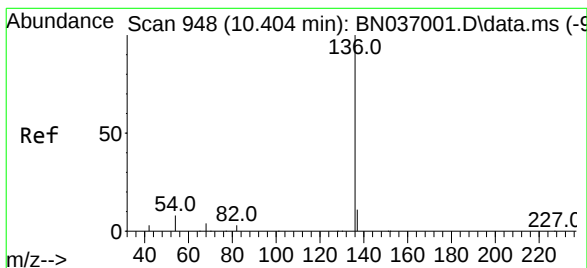
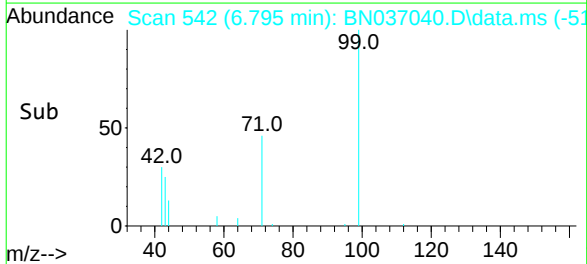
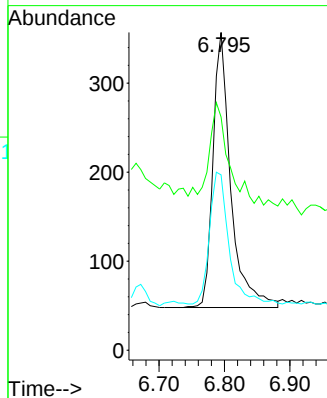
Tgt Ion: 99 Resp: 585

Ion Ratio Lower Upper

99 100

42 41.7 29.3 43.9

71 51.8 35.7 53.5



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.393 min Scan# 947

Delta R.T. -0.011 min

Lab File: BN037040.D

Acq: 19 May 2025 12:02

Tgt Ion: 136 Resp: 5859

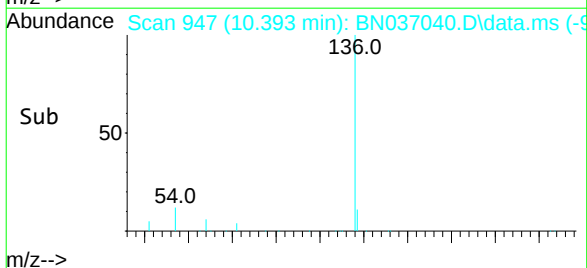
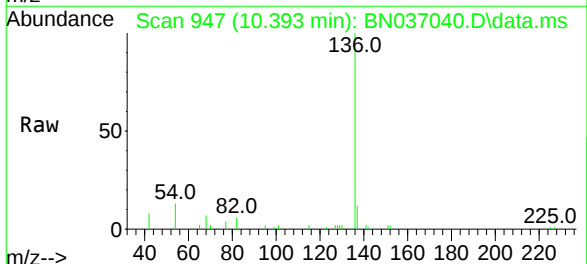
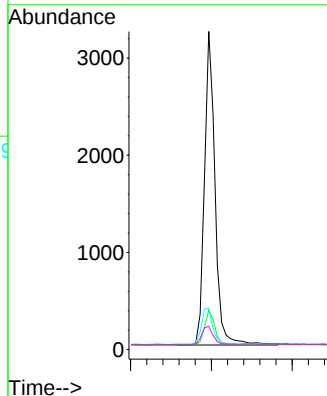
Ion Ratio Lower Upper

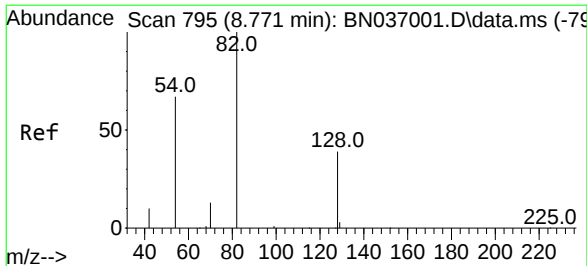
136 100

137 12.3 10.4 15.6

54 13.0 8.5 12.7#

68 7.3 5.1 7.7

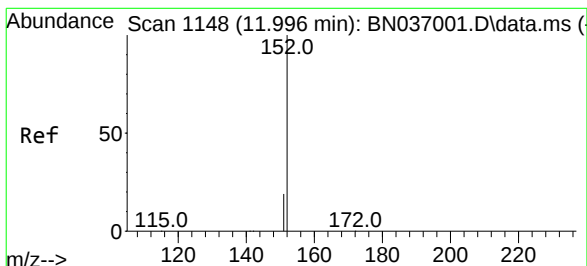
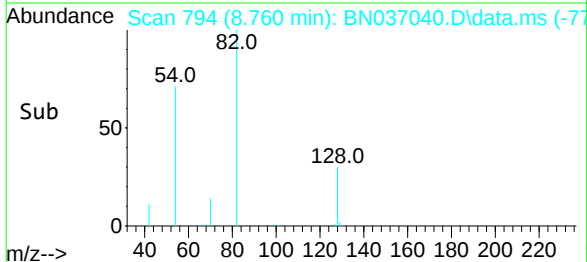
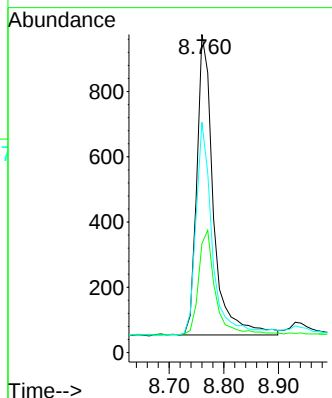
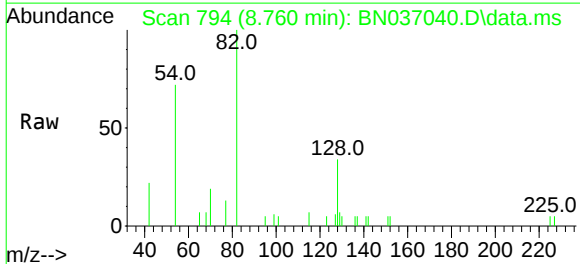




#8  
 Nitrobenzene-d5  
 Concen: 0.305 ng  
 RT: 8.760 min Scan# 79  
 Delta R.T. -0.011 min  
 Lab File: BN037040.D  
 Acq: 19 May 2025 12:02

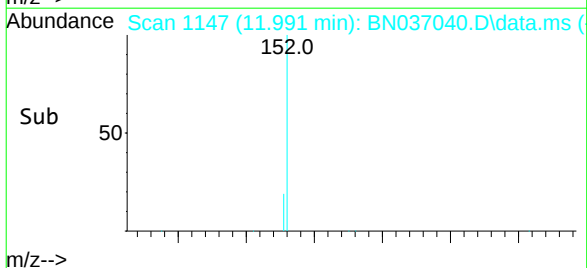
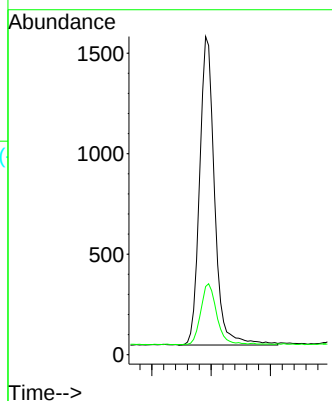
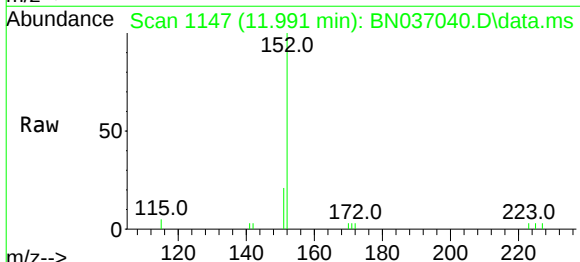
Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW8-SP100-70-20250514

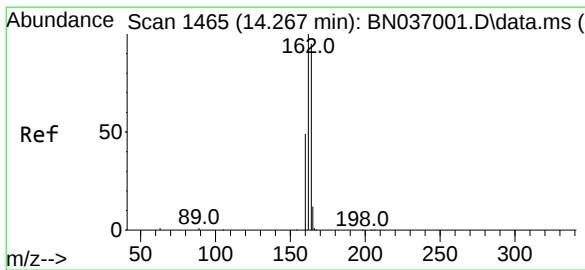
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 1943  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 34.3  | 34.0  | 51.0  |
| 54       | 72.4  | 55.0  | 82.4  |



#11  
 2-Methylnaphthalene-d10  
 Concen: 0.327 ng  
 RT: 11.991 min Scan# 1147  
 Delta R.T. -0.005 min  
 Lab File: BN037040.D  
 Acq: 19 May 2025 12:02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 2696  |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 20.9  | 17.5  | 26.3  |





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.266 min Scan# 14

Delta R.T. -0.000 min

Lab File: BN037040.D

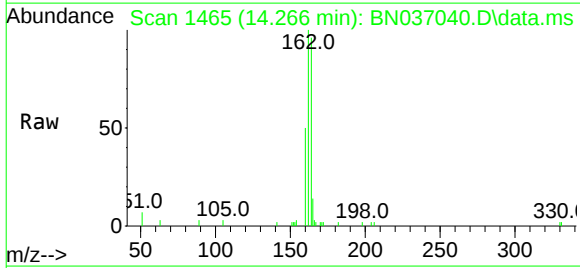
Acq: 19 May 2025 12:02

Instrument :

BNA\_N

ClientSampleId :

RW8-SP100-70-20250514



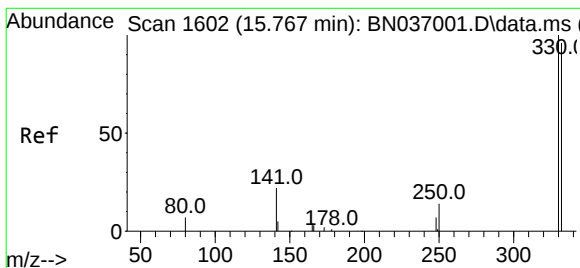
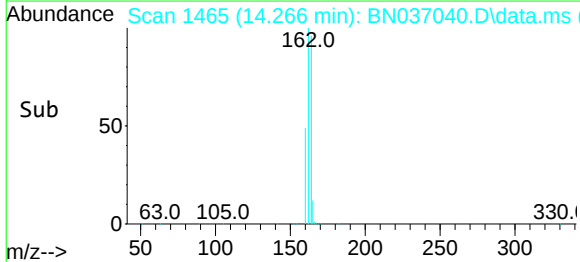
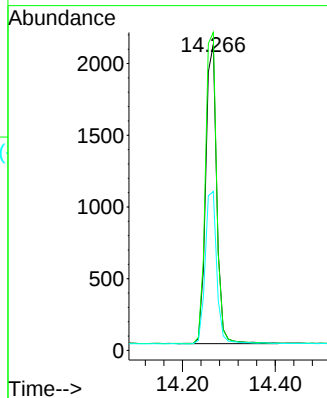
Tgt Ion:164 Resp: 3462

Ion Ratio Lower Upper

164 100

162 104.0 84.2 126.4

160 52.0 42.6 63.8



#14

2,4,6-Tribromophenol

Concen: 0.311 ng

RT: 15.755 min Scan# 1601

Delta R.T. -0.012 min

Lab File: BN037040.D

Acq: 19 May 2025 12:02

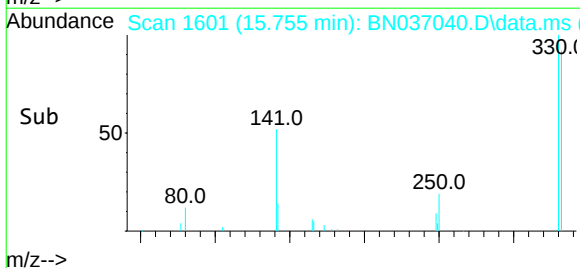
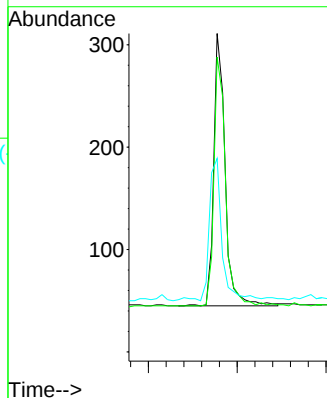
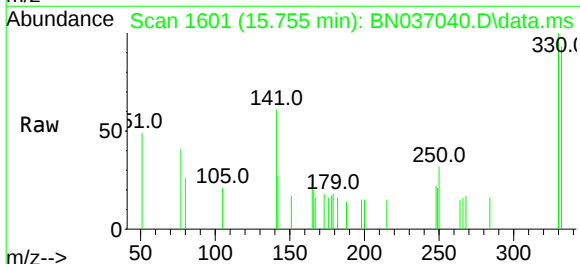
Tgt Ion:330 Resp: 473

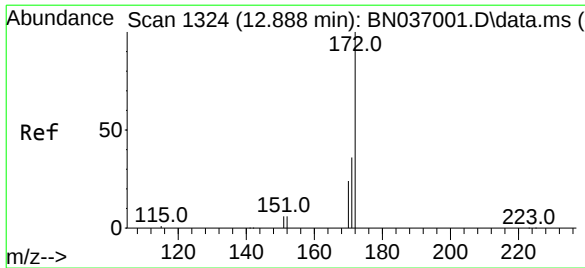
Ion Ratio Lower Upper

330 100

332 92.8 73.8 110.8

141 54.5 43.9 65.9





#15

2-Fluorobiphenyl

Concen: 0.304 ng

RT: 12.883 min Scan# 13

Delta R.T. -0.005 min

Lab File: BN037040.D

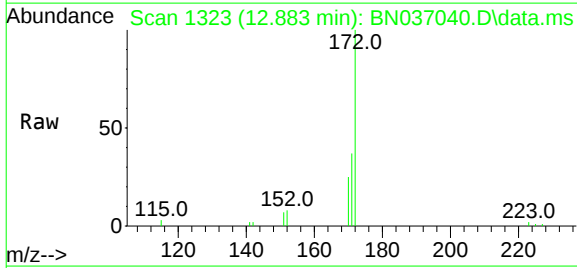
Acq: 19 May 2025 12:02

Instrument :

BNA\_N

ClientSampleId :

RW8-SP100-70-20250514



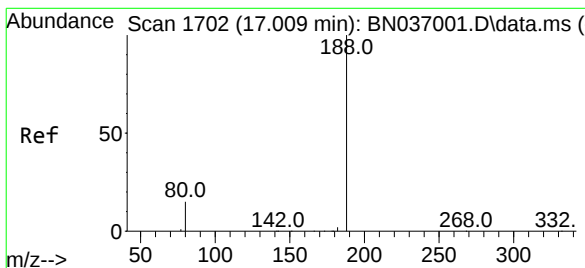
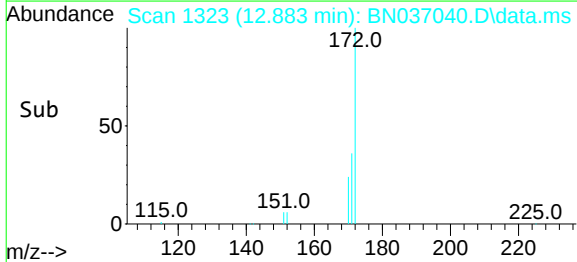
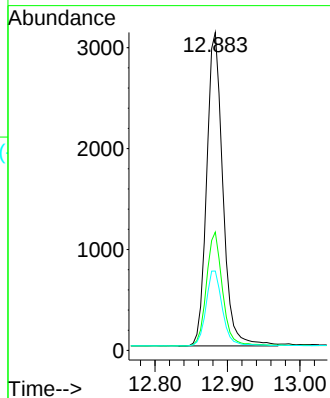
Tgt Ion:172 Resp: 4812

Ion Ratio Lower Upper

172 100

171 37.2 29.2 43.8

170 25.0 20.5 30.7



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.008 min Scan# 1702

Delta R.T. -0.000 min

Lab File: BN037040.D

Acq: 19 May 2025 12:02

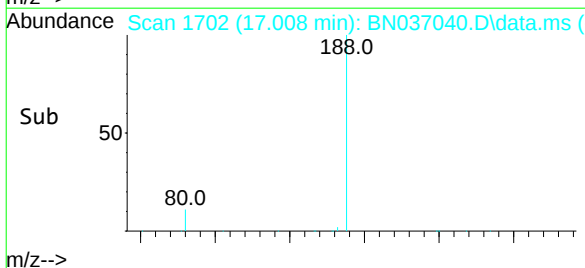
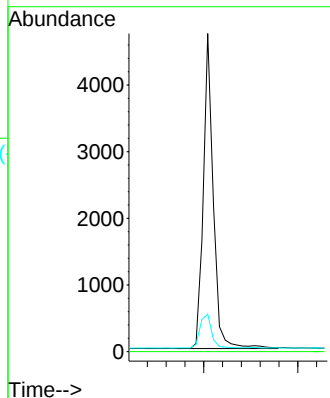
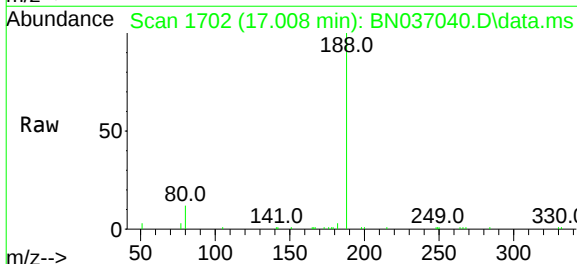
Tgt Ion:188 Resp: 6945

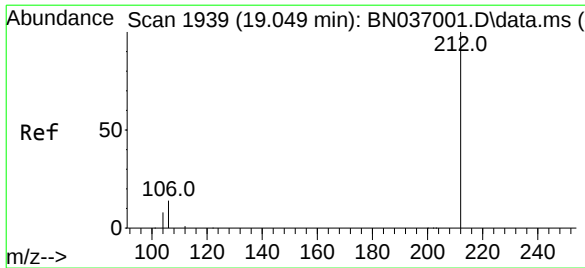
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.8 13.4 20.0#

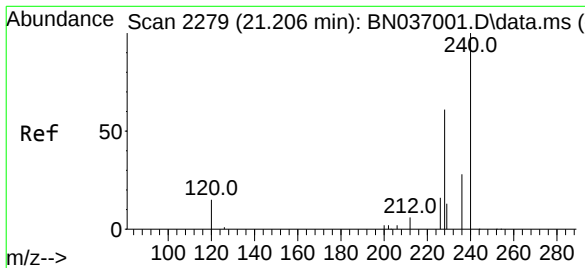
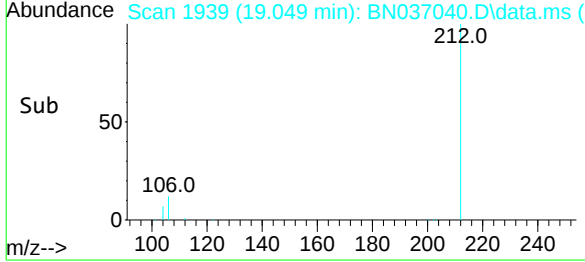
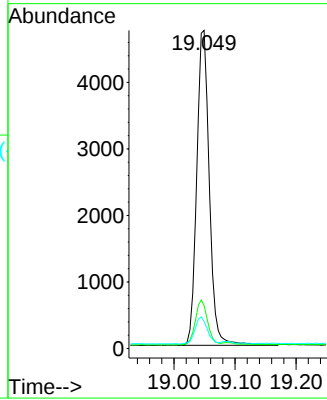
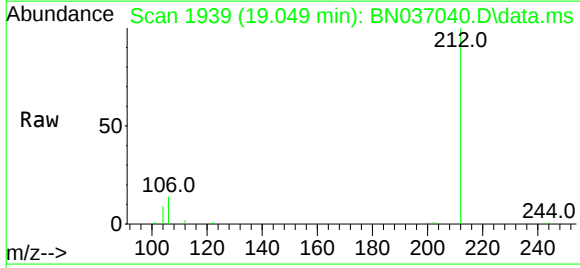




#27  
Fluoranthene-d10  
Concen: 0.357 ng  
RT: 19.049 min Scan# 1939  
Delta R.T. -0.000 min  
Lab File: BN037040.D  
Acq: 19 May 2025 12:02

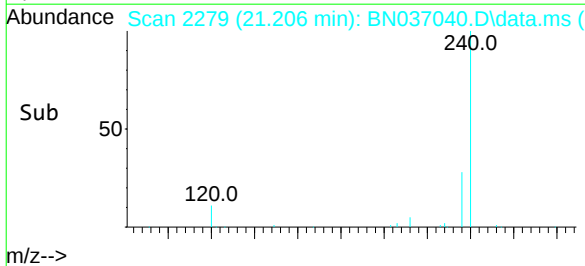
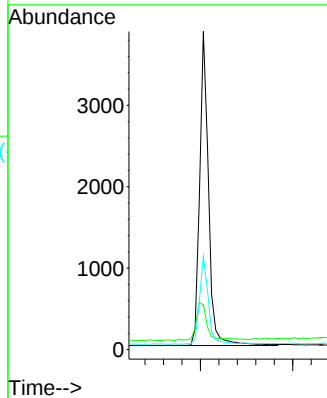
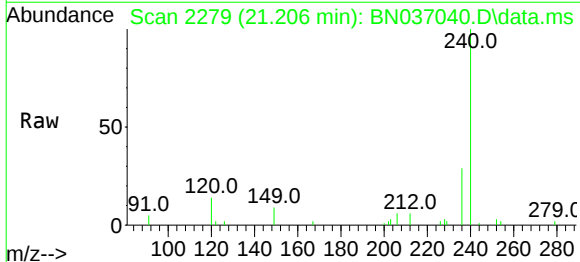
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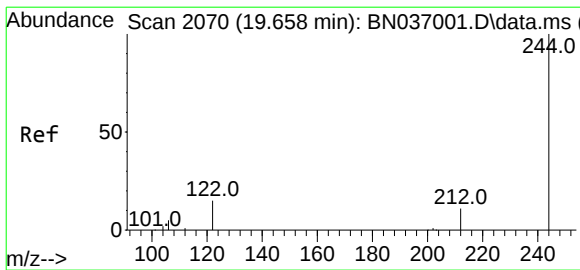
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|----------|-------|-------|-------|
| Tgt Ion: | 212   | Resp: | 6799  |
| Ion      | Ratio | Lower | Upper |
| 212      | 100   |       |       |
| 106      | 13.7  | 11.3  | 16.9  |
| 104      | 8.4   | 6.7   | 10.1  |



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.206 min Scan# 2279  
Delta R.T. -0.000 min  
Lab File: BN037040.D  
Acq: 19 May 2025 12:02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 240   | Resp: | 5149  |
| Ion      | Ratio | Lower | Upper |
| 240      | 100   |       |       |
| 120      | 14.1  | 15.1  | 22.7# |
| 236      | 29.3  | 24.0  | 36.0  |





#31

Terphenyl-d14

Concen: 0.479 ng

RT: 19.653 min Scan# 2070

Delta R.T. -0.005 min

Lab File: BN037040.D

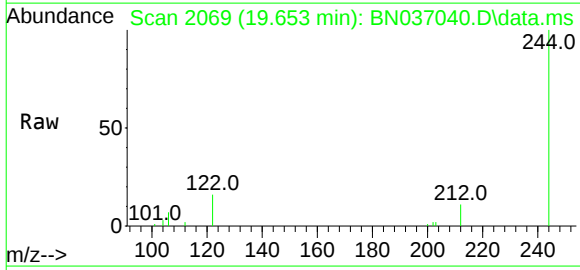
Acq: 19 May 2025 12:02

Instrument :

BNA\_N

ClientSampleId :

RW8-SP100-70-20250514



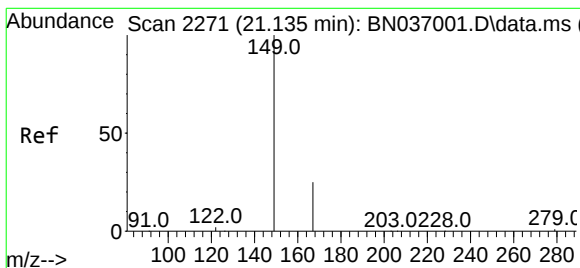
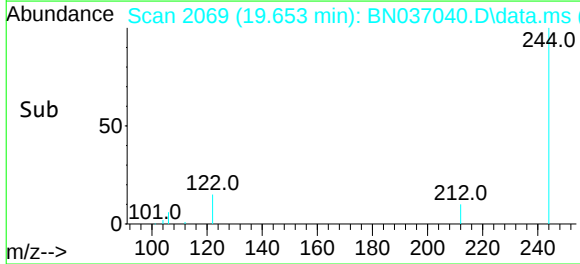
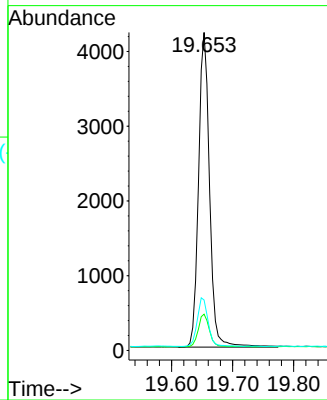
Tgt Ion:244 Resp: 5275

Ion Ratio Lower Upper

244 100

212 11.4 9.7 14.5

122 15.9 13.4 20.0



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.054 ng

RT: 21.135 min Scan# 2271

Delta R.T. -0.000 min

Lab File: BN037040.D

Acq: 19 May 2025 12:02

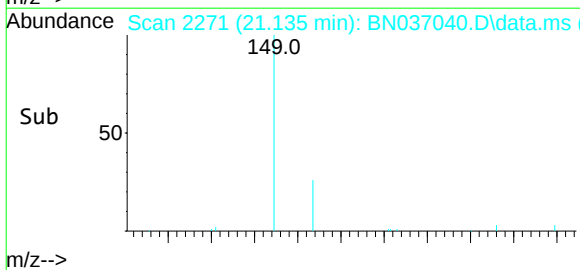
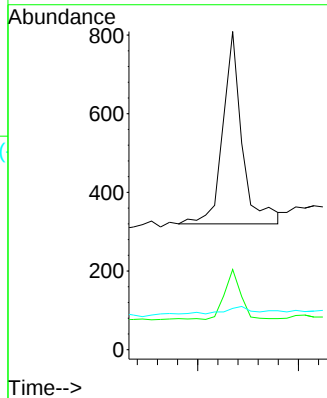
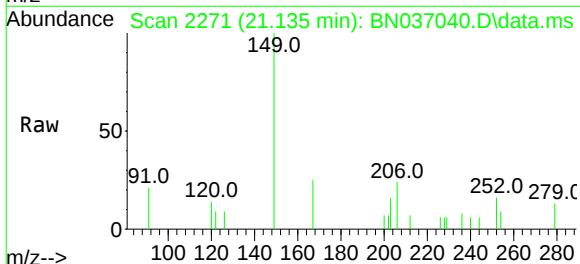
Tgt Ion:149 Resp: 647

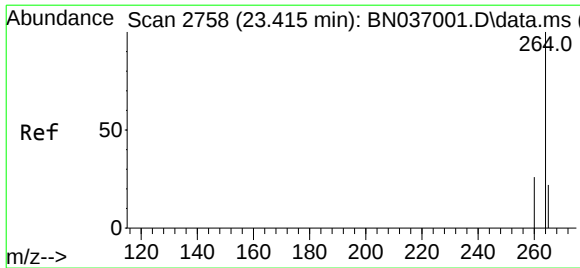
Ion Ratio Lower Upper

149 100

167 21.3 20.6 30.8

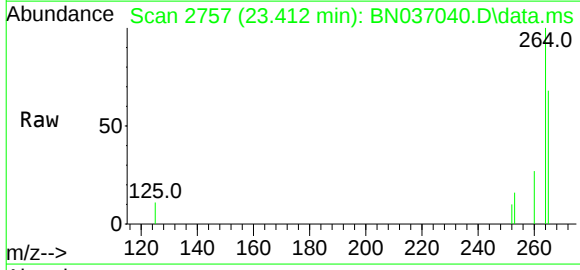
279 4.9 2.6 3.8#





#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.412 min Scan# 27  
Delta R.T. -0.003 min  
Lab File: BN037040.D  
Acq: 19 May 2025 12:02

Instrument :  
BNA\_N  
ClientSampleId :  
RW8-SP100-70-20250514



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 264   | Resp: | 4430  |
| Ion      | Ratio | Lower | Upper |
| 264      | 100   |       |       |
| 260      | 27.4  | 21.9  | 32.9  |
| 265      | 68.3  | 51.6  | 77.4  |

