

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061325\  
 Data File : BN037266.D  
 Acq On : 14 Jun 2025 17:36  
 Operator : RC/JU  
 Sample : Q2299-19  
 Misc :  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW11-MW01I-20250611

Quant Time: Jun 16 02:44:08 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

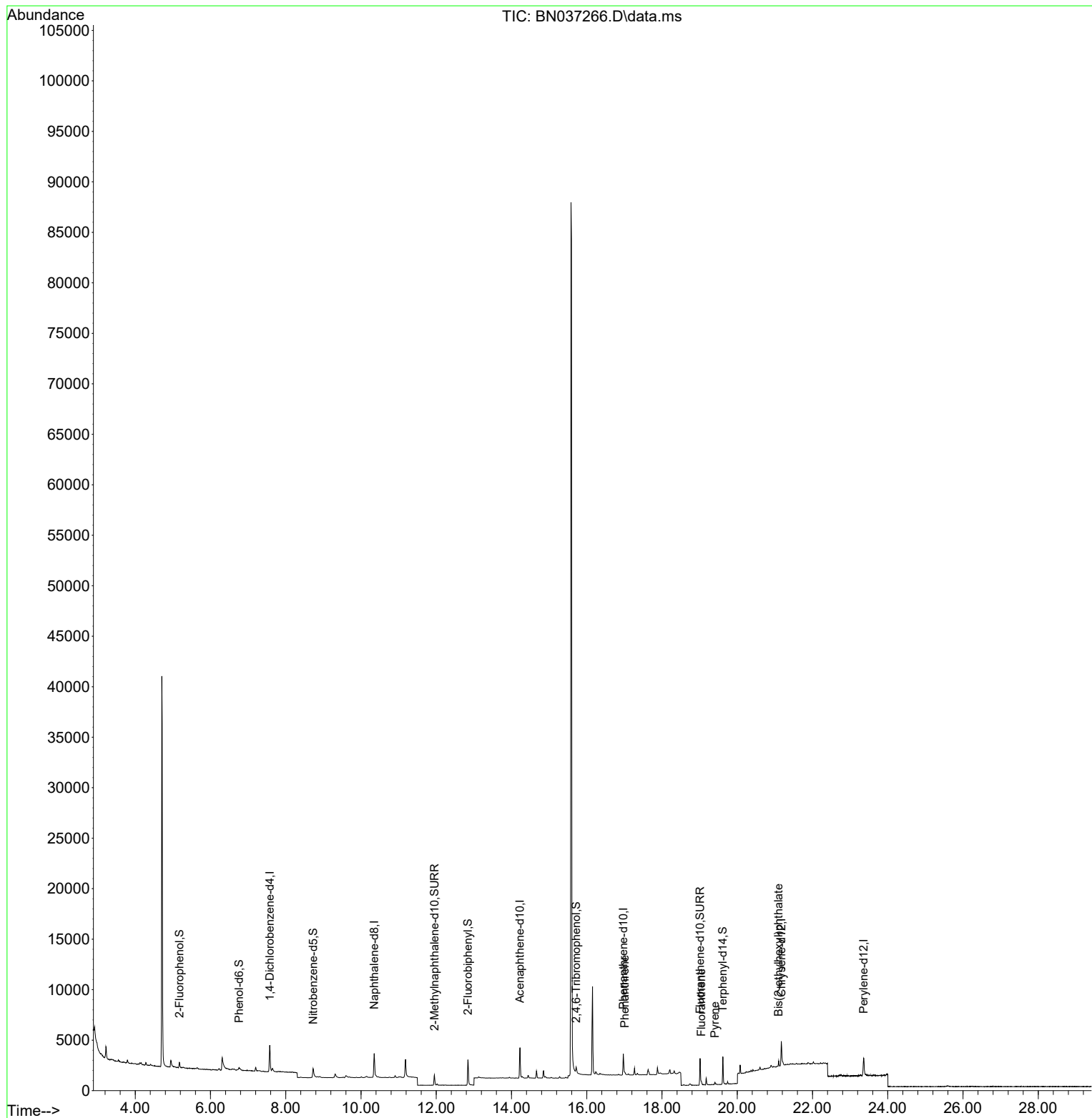
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.575  | 152  | 1325     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.351 | 136  | 3321     | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.224 | 164  | 1702     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.971 | 188  | 3112     | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.171 | 240  | 2629     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.360 | 264  | 2551     | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.177  | 112  | 420      | 0.129 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.759  | 99   | 224      | 0.065 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.728  | 82   | 1028     | 0.313 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 11.950 | 152  | 1452     | 0.326 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.718 | 330  | 272      | 0.385 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 12.843 | 172  | 2419     | 0.338 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.012 | 212  | 3260     | 0.400 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.616 | 244  | 2758     | 0.464 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 25) Phenanthrene              | 17.009 | 178  | 248      | 0.025 | ng    | # 92     |
| 28) Fluoranthene              | 19.040 | 202  | 251      | 0.022 | ng    | # 78     |
| 30) Pyrene                    | 19.407 | 202  | 265      | 0.021 | ng    | 96       |
| 34) Bis(2-ethylhexyl)phtha... | 21.099 | 149  | 509      | 0.077 | ng    | # 95     |
| -----                         |        |      |          |       |       |          |

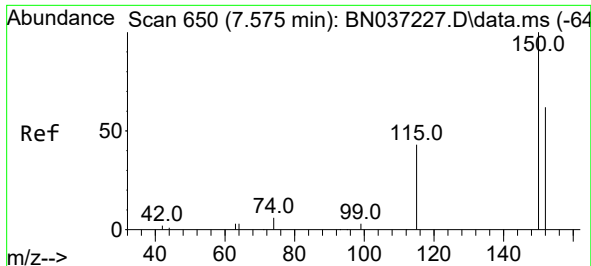
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061325\  
Data File : BN037266.D  
Acq On : 14 Jun 2025 17:36  
Operator : RC/JU  
Sample : Q2299-19  
Misc :  
ALS Vial : 45 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
RW11-MW01I-20250611

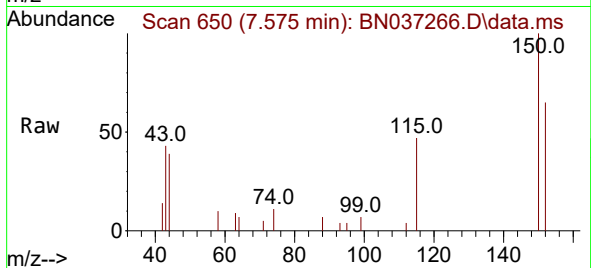
Quant Time: Jun 16 02:44:08 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN061325.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jun 13 18:43:34 2025  
Response via : Initial Calibration



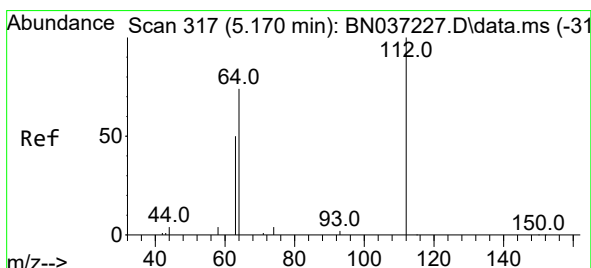
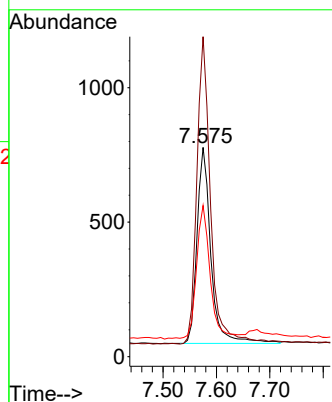
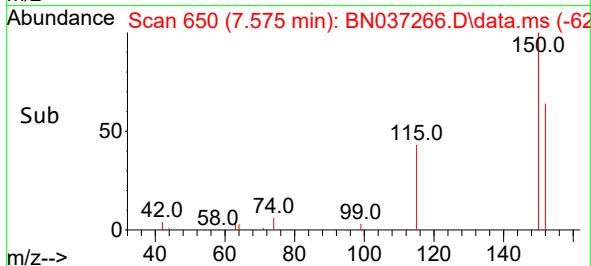


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.575 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BN037266.D  
Acq: 14 Jun 2025 17:36

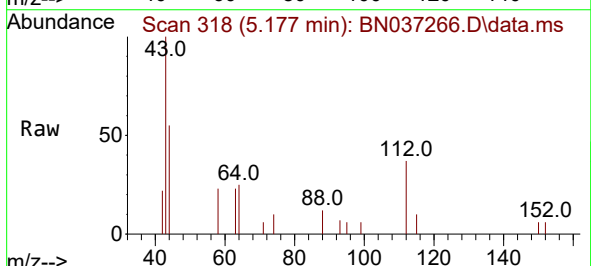
Instrument :  
BNA\_N  
ClientSampleId :  
RW11-MW01I-20250611



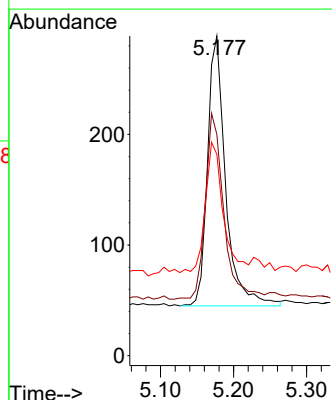
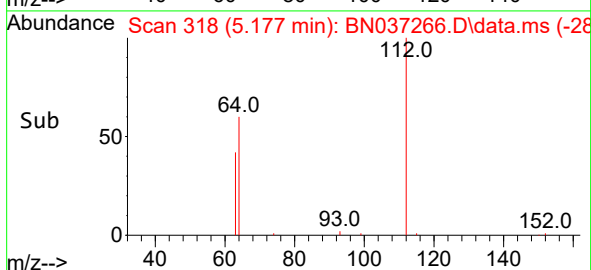
Tgt Ion:152 Resp: 1325  
Ion Ratio Lower Upper  
152 100  
150 153.0 125.2 187.8  
115 72.2 58.4 87.6

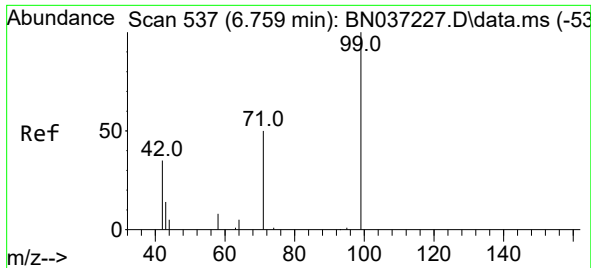


#4  
2-Fluorophenol  
Concen: 0.129 ng  
RT: 5.177 min Scan# 318  
Delta R.T. 0.007 min  
Lab File: BN037266.D  
Acq: 14 Jun 2025 17:36



Tgt Ion:112 Resp: 420  
Ion Ratio Lower Upper  
112 100  
64 69.8 57.2 85.8  
63 47.6 39.8 59.6

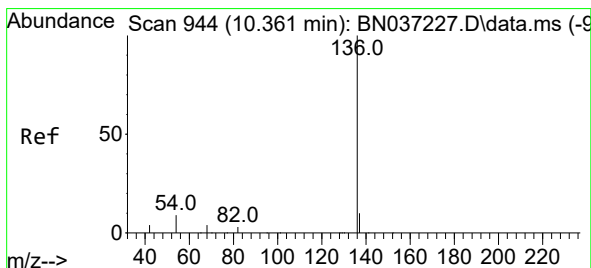
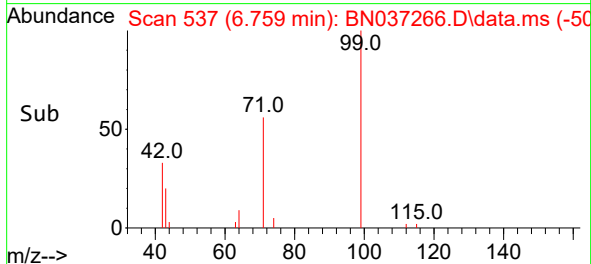
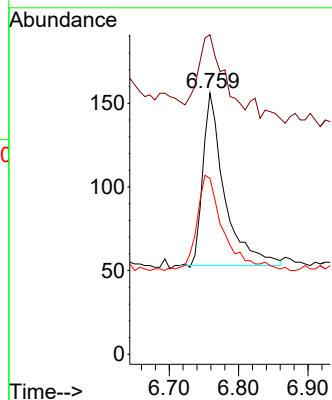
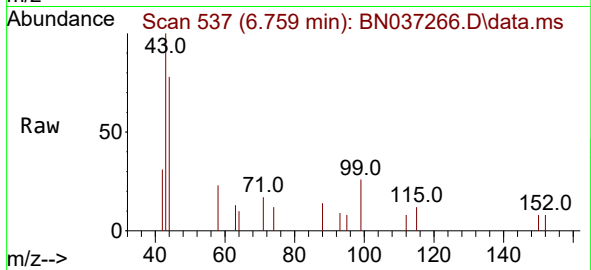




#5  
Phenol-d6  
Concen: 0.065 ng  
RT: 6.759 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: BN037266.D  
Acq: 14 Jun 2025 17:36

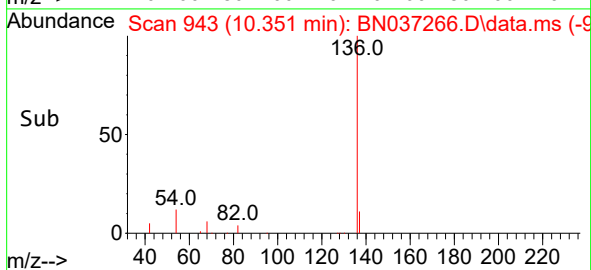
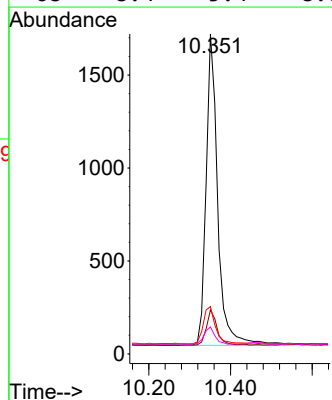
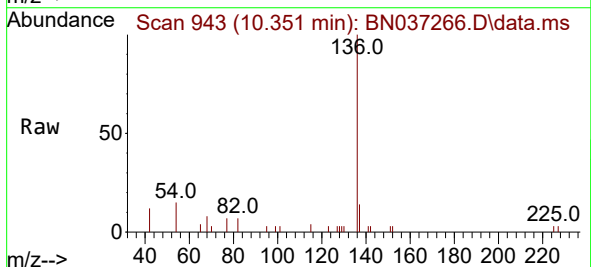
Instrument :  
BNA\_N  
ClientSampleId :  
RW11-MW01I-20250611

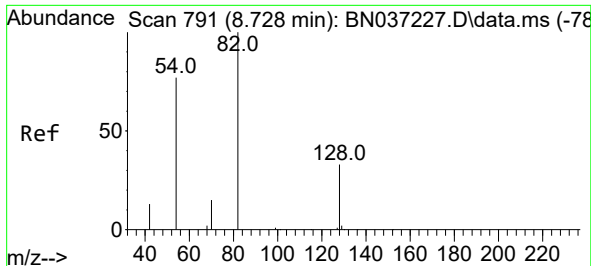
Tgt Ion: 99 Resp: 224  
Ion Ratio Lower Upper  
99 100  
42 46.0 36.2 54.4  
71 68.3 42.4 63.6#



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.351 min Scan# 943  
Delta R.T. -0.011 min  
Lab File: BN037266.D  
Acq: 14 Jun 2025 17:36

Tgt Ion:136 Resp: 3321  
Ion Ratio Lower Upper  
136 100  
137 13.7 10.6 15.8  
54 14.8 9.2 13.8#  
68 8.4 5.4 8.0#

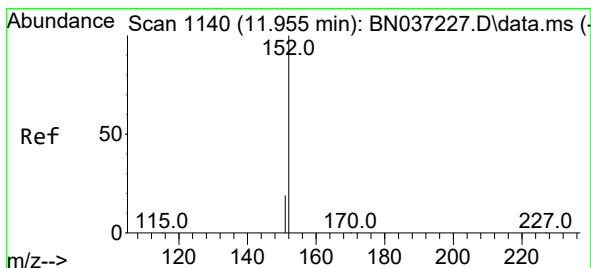
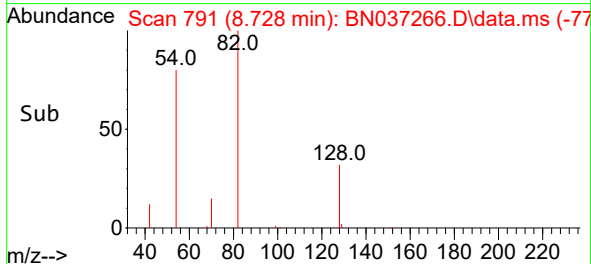
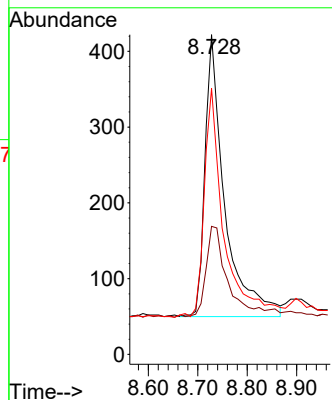
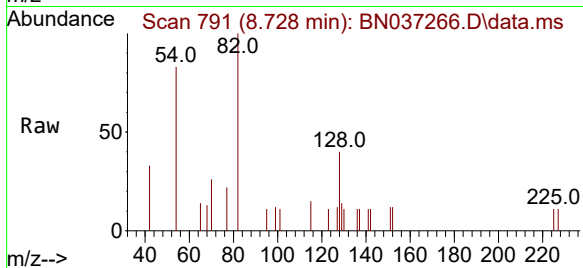




#8  
Nitrobenzene-d5  
Concen: 0.313 ng  
RT: 8.728 min Scan# 791  
Delta R.T. 0.000 min  
Lab File: BN037266.D  
Acq: 14 Jun 2025 17:36

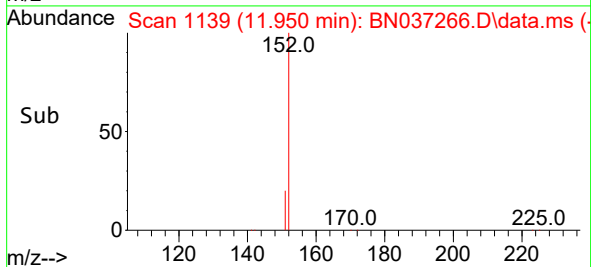
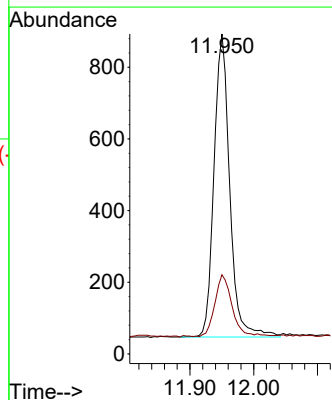
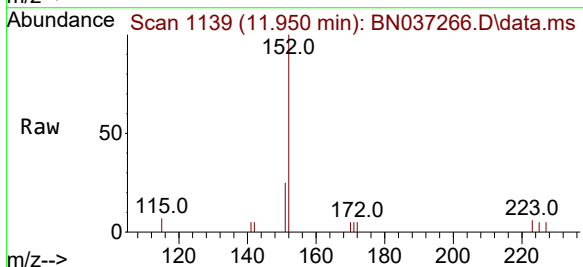
Instrument :  
BNA\_N  
ClientSampleId :  
RW11-MW01I-20250611

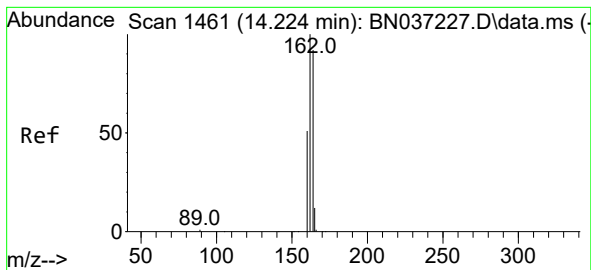
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 1028  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 40.0  | 31.2  | 46.8  |
| 54       | 83.2  | 63.3  | 94.9  |



#11  
2-Methylnaphthalene-d10  
Concen: 0.326 ng  
RT: 11.950 min Scan# 1139  
Delta R.T. -0.005 min  
Lab File: BN037266.D  
Acq: 14 Jun 2025 17:36

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 1452  |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 22.5  | 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: BN037266.D

Acq: 14 Jun 2025 17:36

Instrument :

BNA\_N

ClientSampleId :

RW11-MW01I-20250611

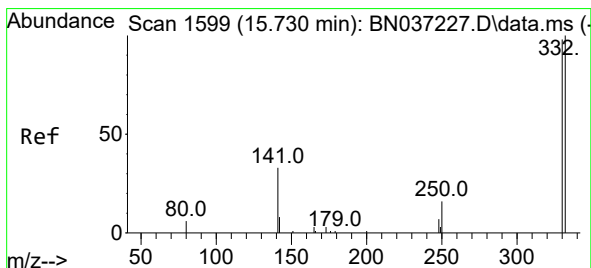
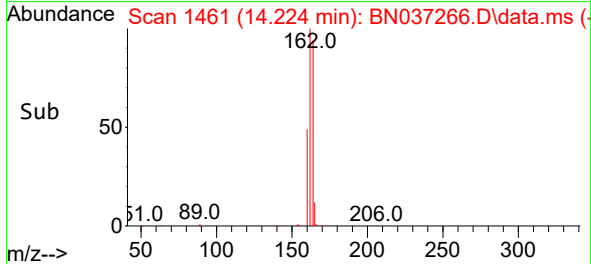
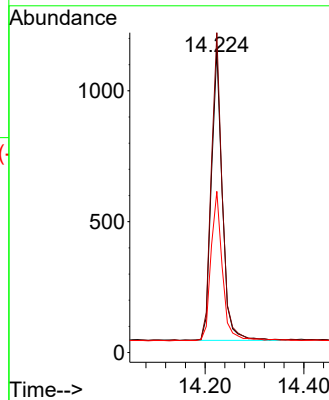
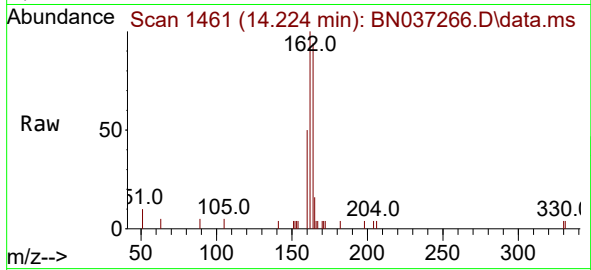
Tgt Ion:164 Resp: 1702

Ion Ratio Lower Upper

164 100

162 105.9 86.7 130.1

160 53.4 45.8 68.6



#14

2,4,6-Tribromophenol

Concen: 0.385 ng

RT: 15.718 min Scan# 1598

Delta R.T. -0.012 min

Lab File: BN037266.D

Acq: 14 Jun 2025 17:36

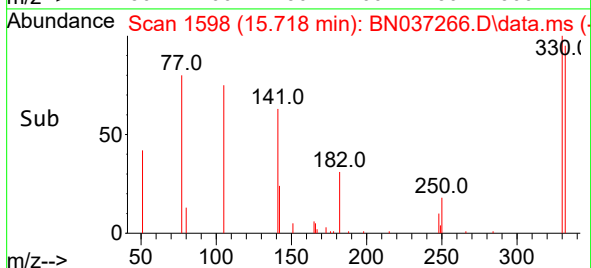
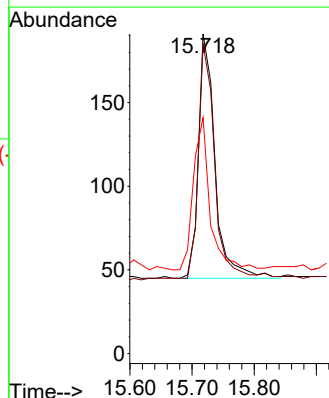
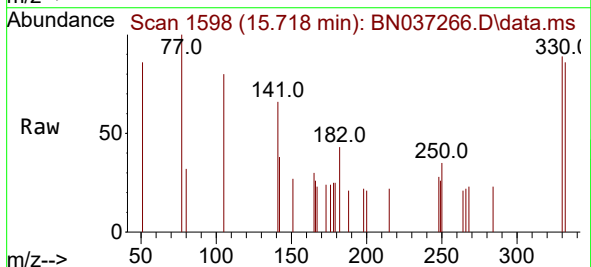
Tgt Ion:330 Resp: 272

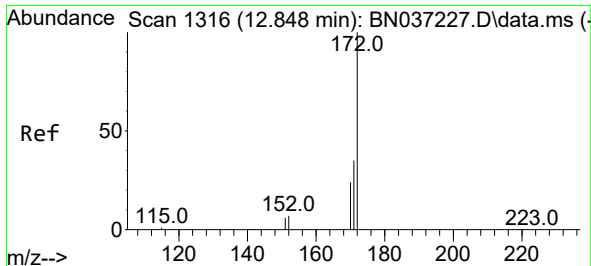
Ion Ratio Lower Upper

330 100

332 94.1 74.9 112.3

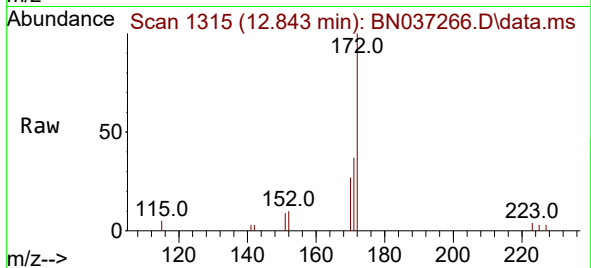
141 62.5 45.1 67.7



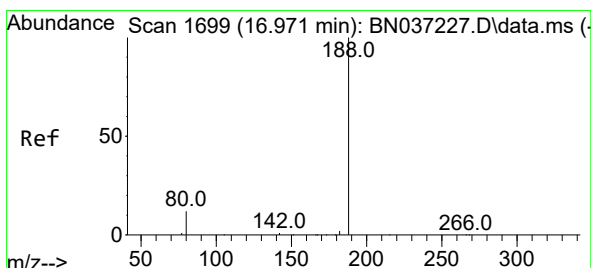
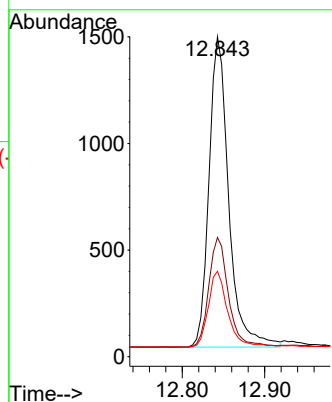
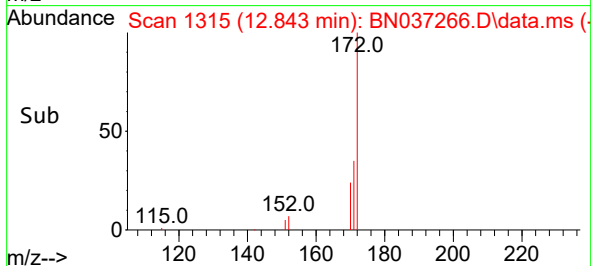


#15  
2-Fluorobiphenyl  
Concen: 0.338 ng  
RT: 12.843 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BN037266.D  
Acq: 14 Jun 2025 17:36

Instrument :  
BNA\_N  
ClientSampleId :  
RW11-MW01I-20250611

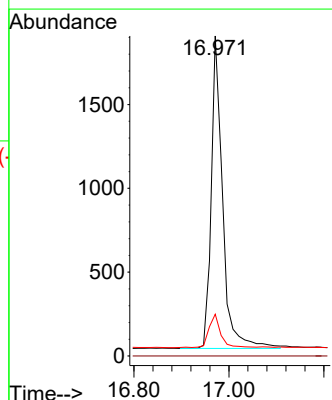
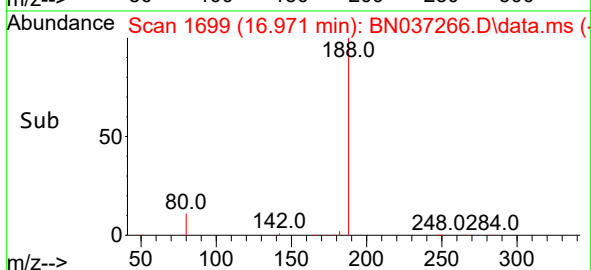
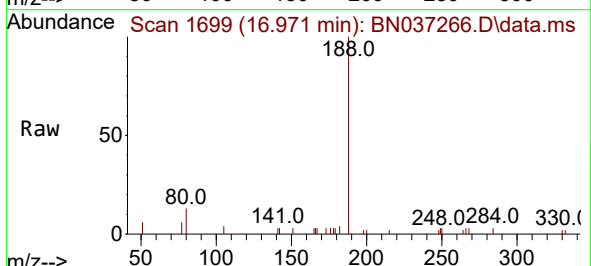


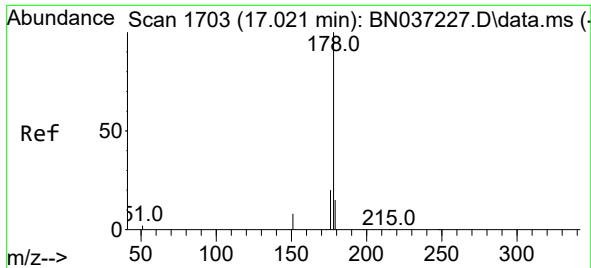
Tgt Ion:172 Resp: 2419  
Ion Ratio Lower Upper  
172 100  
171 37.2 29.8 44.8  
170 26.7 21.1 31.7



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.971 min Scan# 1699  
Delta R.T. 0.000 min  
Lab File: BN037266.D  
Acq: 14 Jun 2025 17:36

Tgt Ion:188 Resp: 3112  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 13.0 12.2 18.4

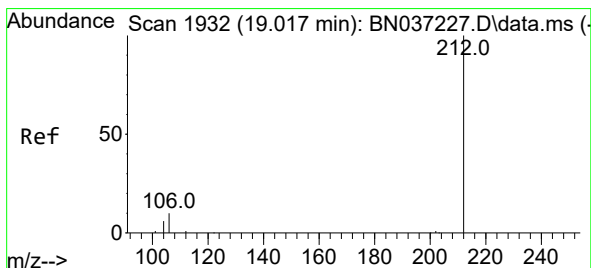
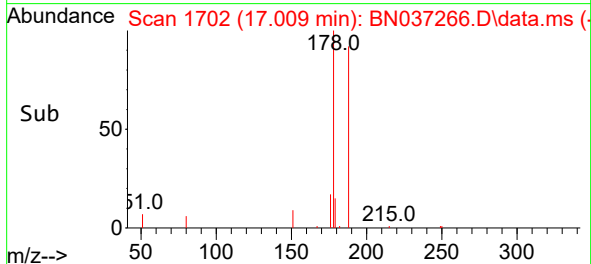
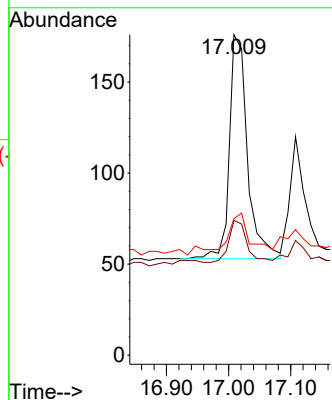
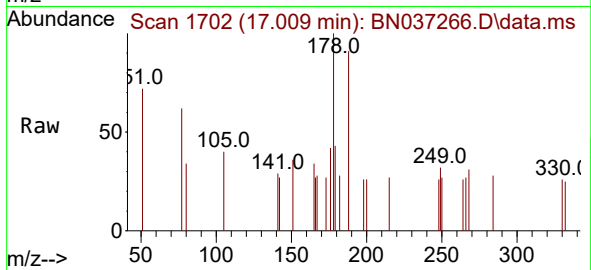




#25  
Phenanthrene  
Concen: 0.025 ng  
RT: 17.009 min Scan# 1702  
Delta R.T. -0.012 min  
Lab File: BN037266.D  
Acq: 14 Jun 2025 17:36

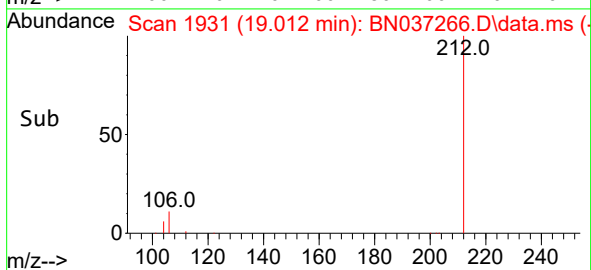
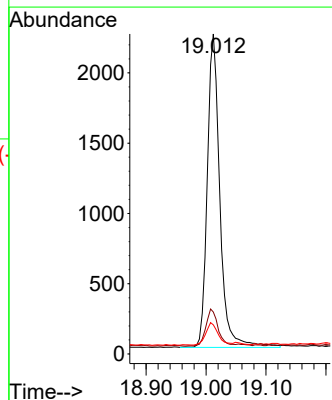
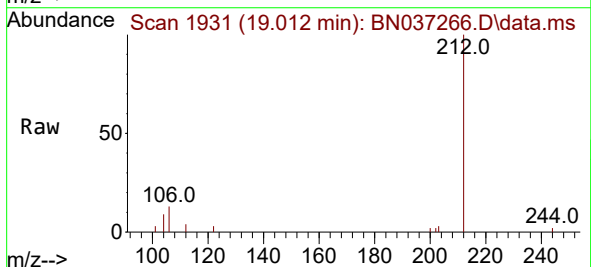
Instrument :  
BNA\_N  
ClientSampleId :  
RW11-MW01I-20250611

Tgt Ion:178 Resp: 248  
Ion Ratio Lower Upper  
178 100  
176 19.8 16.3 24.5  
179 23.0 12.6 18.8#

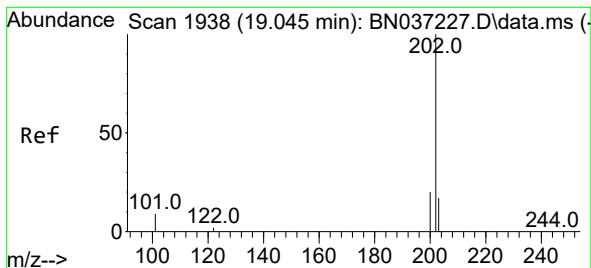


#27  
Fluoranthene-d10  
Concen: 0.400 ng  
RT: 19.012 min Scan# 1931  
Delta R.T. -0.005 min  
Lab File: BN037266.D  
Acq: 14 Jun 2025 17:36

Tgt Ion:212 Resp: 3260  
Ion Ratio Lower Upper  
212 100  
106 11.4 9.3 13.9  
104 6.9 5.7 8.5







#28

Fluoranthene

Concen: 0.022 ng

RT: 19.040 min Scan# 1938

Delta R.T. -0.005 min

Lab File: BN037266.D

Acq: 14 Jun 2025 17:36

Instrument :

BNA\_N

ClientSampleId :

RW11-MW01I-20250611

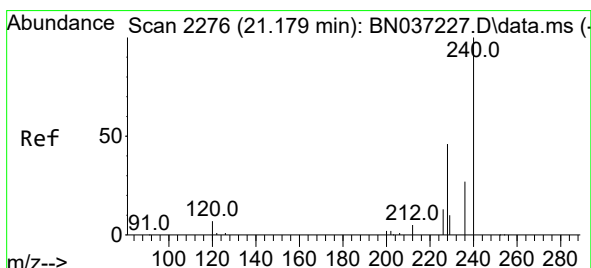
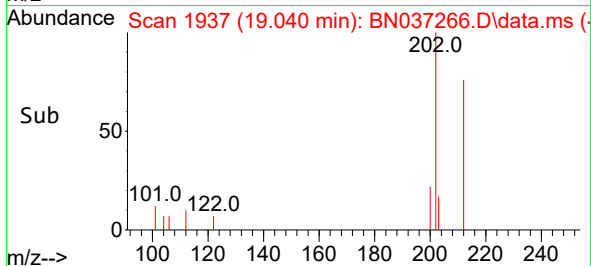
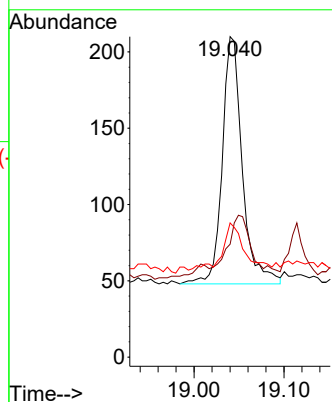
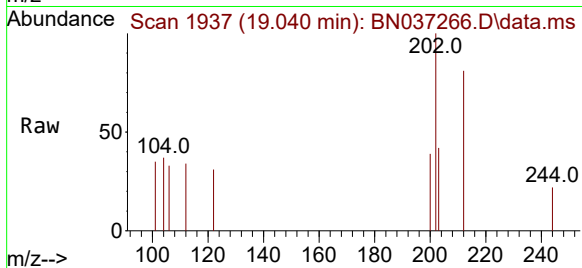
Tgt Ion:202 Resp: 251

Ion Ratio Lower Upper

202 100

101 24.3 7.1 10.7#

203 20.7 13.0 19.6#



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.171 min Scan# 2275

Delta R.T. -0.009 min

Lab File: BN037266.D

Acq: 14 Jun 2025 17:36

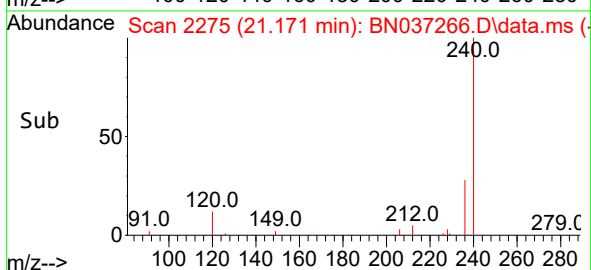
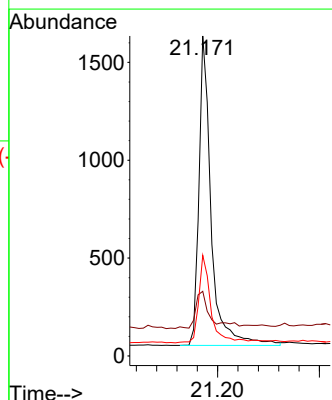
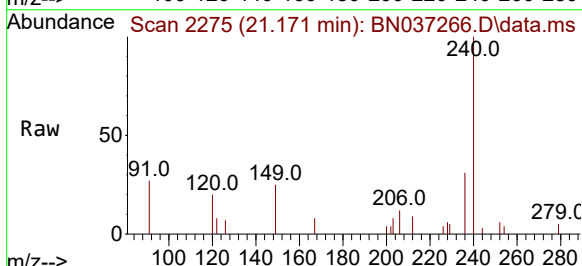
Tgt Ion:240 Resp: 2629

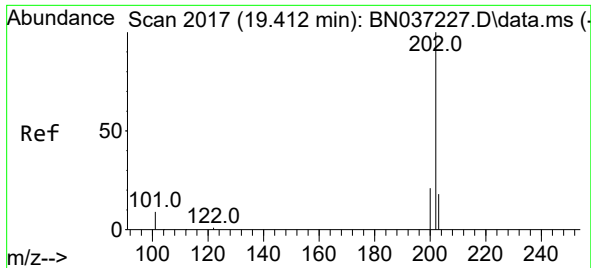
Ion Ratio Lower Upper

240 100

120 20.2 11.3 16.9#

236 31.4 24.4 36.6

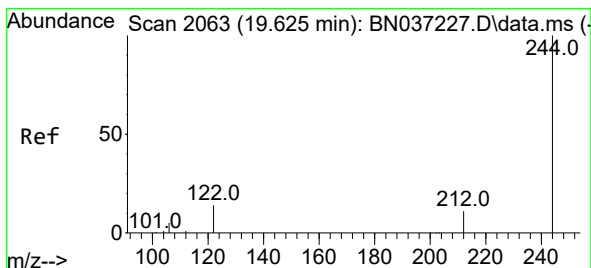
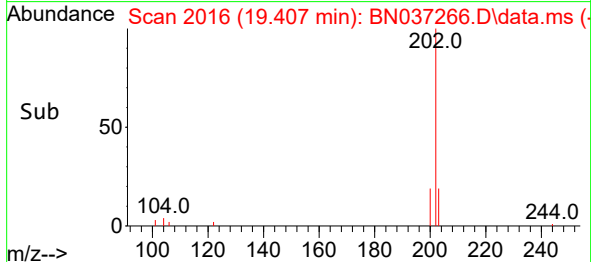
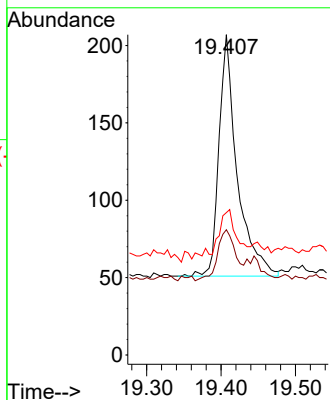
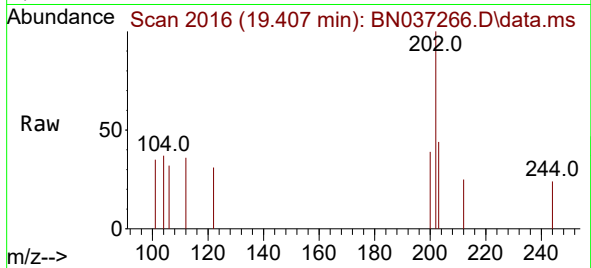




#30  
 Pyrene  
 Concen: 0.021 ng  
 RT: 19.407 min Scan# 2016  
 Delta R.T. -0.005 min  
 Lab File: BN037266.D  
 Acq: 14 Jun 2025 17:36

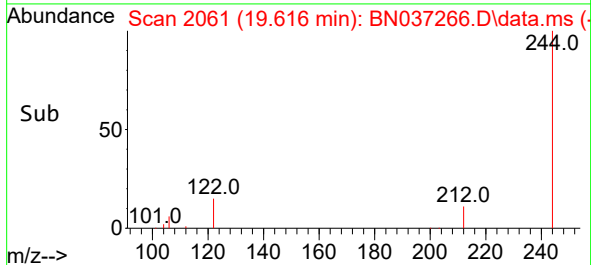
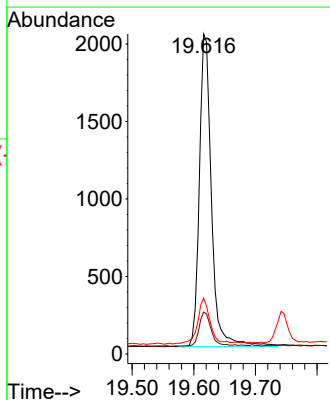
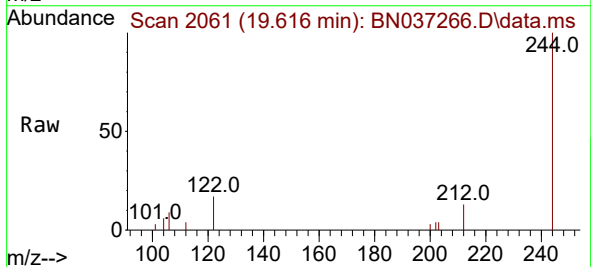
Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW11-MW01I-20250611

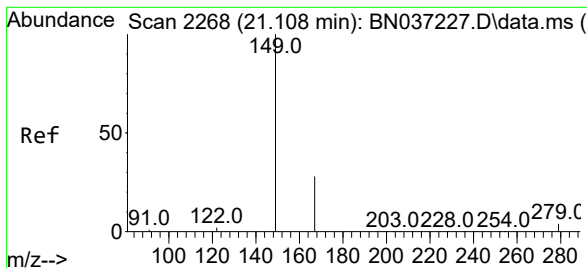
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 202   | Resp: | 265   |
| Ion      | Ratio | Lower | Upper |
| 202      | 100   |       |       |
| 200      | 21.1  | 17.2  | 25.8  |
| 203      | 21.1  | 14.3  | 21.5  |



#31  
 Terphenyl-d14  
 Concen: 0.464 ng  
 RT: 19.616 min Scan# 2061  
 Delta R.T. -0.009 min  
 Lab File: BN037266.D  
 Acq: 14 Jun 2025 17:36

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 244   | Resp: | 2758  |
| Ion      | Ratio | Lower | Upper |
| 244      | 100   |       |       |
| 212      | 13.1  | 12.2  | 18.2  |
| 122      | 17.4  | 14.3  | 21.5  |

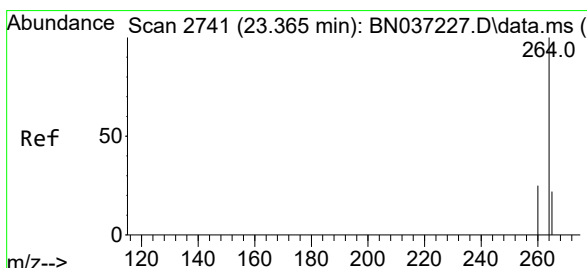
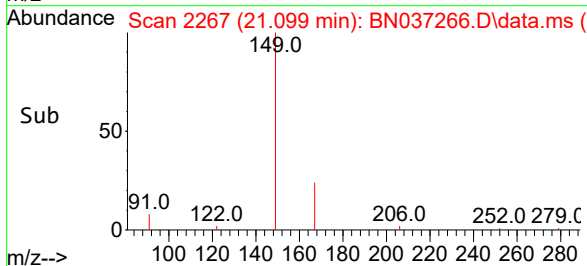
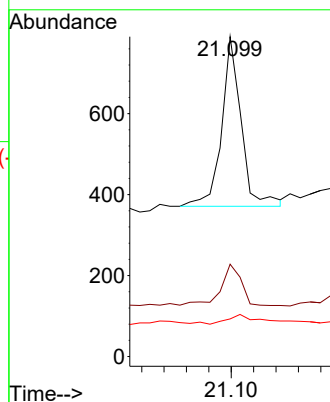
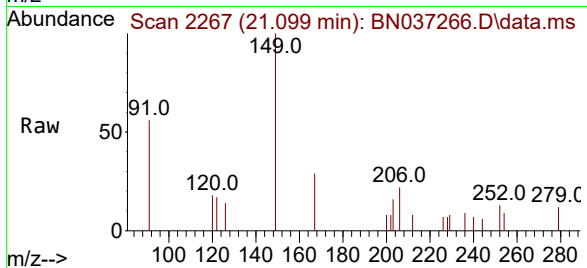




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.077 ng  
 RT: 21.099 min Scan# 2109  
 Delta R.T. -0.009 min  
 Lab File: BN037266.D  
 Acq: 14 Jun 2025 17:36

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW11-MW01I-20250611

Tgt Ion:149 Resp: 509  
 Ion Ratio Lower Upper  
 149 100  
 167 25.0 21.3 31.9  
 279 10.4 3.3 4.9#



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.360 min Scan# 2739  
 Delta R.T. -0.006 min  
 Lab File: BN037266.D  
 Acq: 14 Jun 2025 17:36

Tgt Ion:264 Resp: 2551  
 Ion Ratio Lower Upper  
 264 100  
 260 27.9 22.8 34.2  
 265 83.2 66.4 99.6

