

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN121924\  
 Data File : BN035716.D  
 Acq On : 19 Dec 2024 22:23  
 Operator : RC/JU  
 Sample : P5261-03  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE122D3-20241209

Quant Time: Dec 19 23:12:05 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN112724.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 19 23:06:19 2024  
 Response via : Initial Calibration

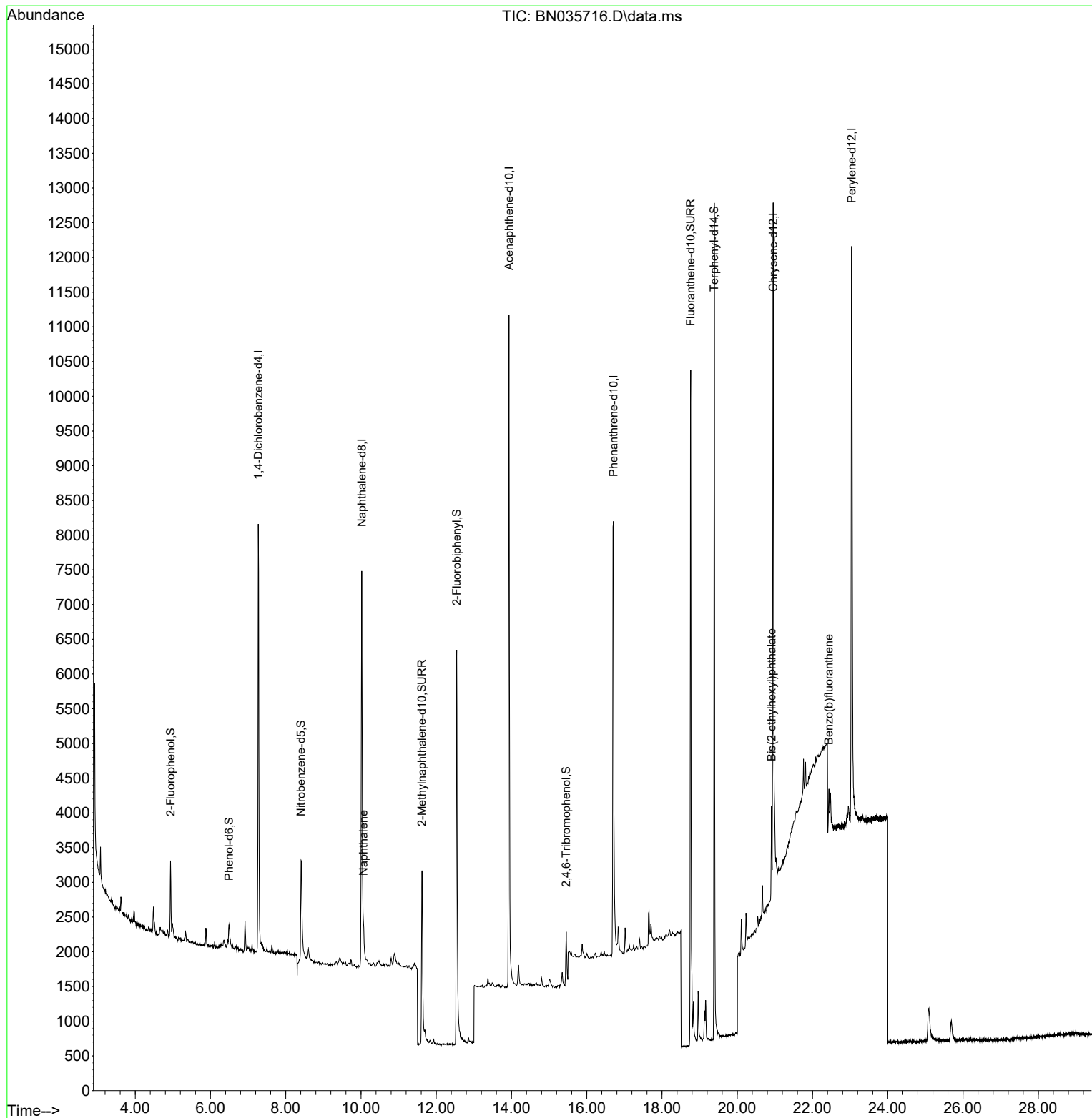
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.272  | 152  | 3243     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.020 | 136  | 9120     | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 13.935 | 164  | 6257     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.711 | 188  | 12060    | 0.400 | ng    | 0.01     |
| 29) Chrysene-d12              | 20.956 | 240  | 10841    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.044 | 264  | 12188    | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 4.939  | 112  | 910      | 0.112 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.492  | 99   | 515      | 0.053 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.408  | 82   | 2306     | 0.414 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 11.621 | 152  | 4807     | 0.337 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.453 | 330  | 875      | 0.197 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.544 | 172  | 6829     | 0.289 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 18.761 | 212  | 12958    | 0.379 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.389 | 244  | 13031    | 0.609 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 9) Naphthalene                | 10.063 | 128  | 552      | 0.023 | ng    | # 55     |
| 34) Bis(2-ethylhexyl)phtha... | 20.911 | 149  | 1257     | 0.084 | ng    | # 98     |
| 37) Benzo(b)fluoranthene      | 22.436 | 252  | 1246     | 0.028 | ng    | # 1      |
| -----                         |        |      |          |       |       |          |

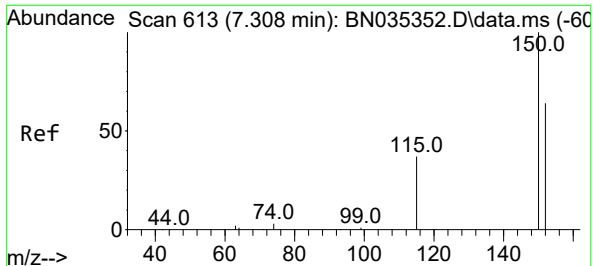
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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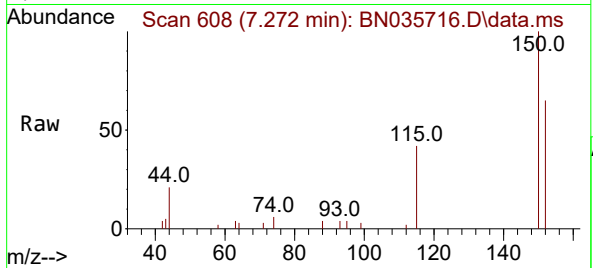
Quant Time: Dec 19 23:12:05 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN112724.M  
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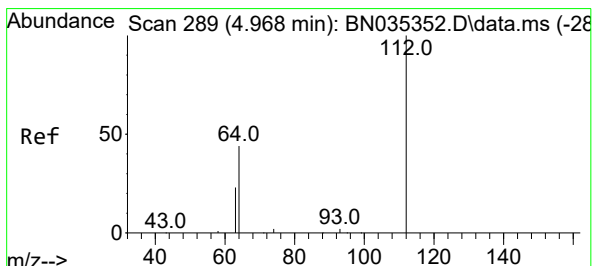
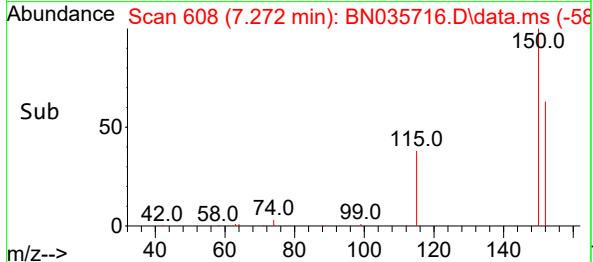
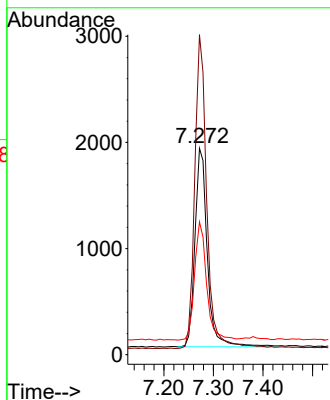


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.272 min Scan# 60  
Delta R.T. -0.000 min  
Lab File: BN035716.D  
Acq: 19 Dec 2024 22:23

Instrument :  
BNA\_N  
ClientSampleId :  
RE122D3-20241209

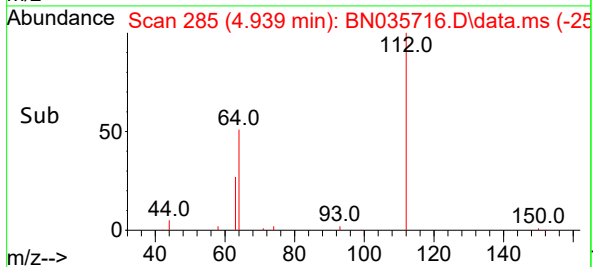
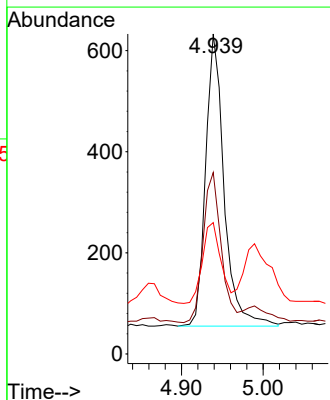
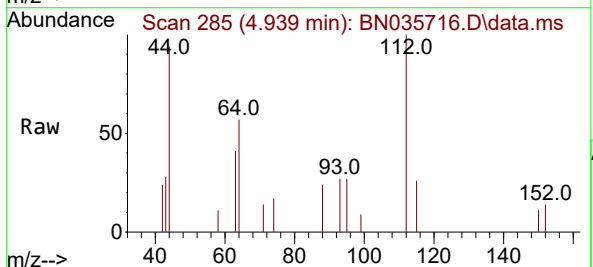


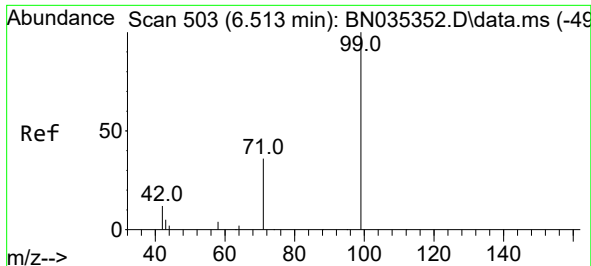
Tgt Ion:152 Resp: 3243  
Ion Ratio Lower Upper  
152 100  
150 155.0 124.0 186.0  
115 64.4 49.6 74.4



#4  
2-Fluorophenol  
Concen: 0.112 ng  
RT: 4.939 min Scan# 285  
Delta R.T. -0.000 min  
Lab File: BN035716.D  
Acq: 19 Dec 2024 22:23

Tgt Ion:112 Resp: 910  
Ion Ratio Lower Upper  
112 100  
64 51.0 39.8 59.8  
63 27.9 21.0 31.6

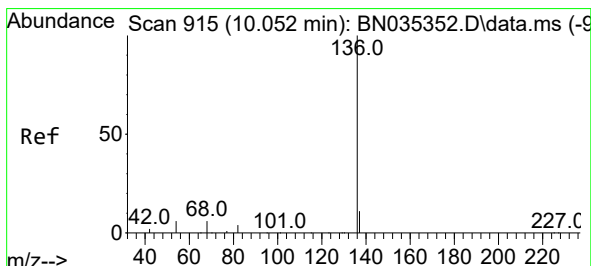
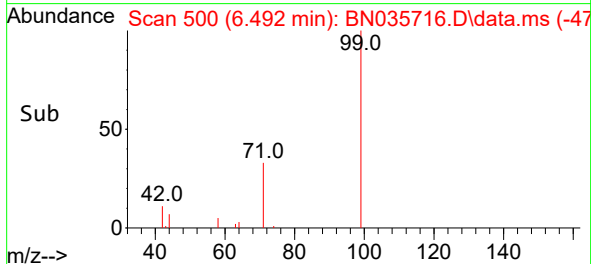
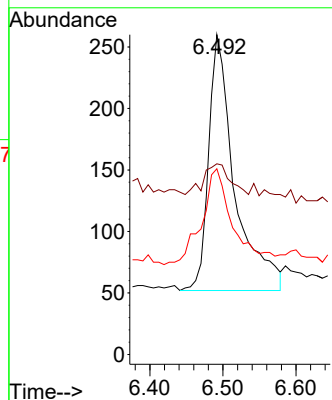
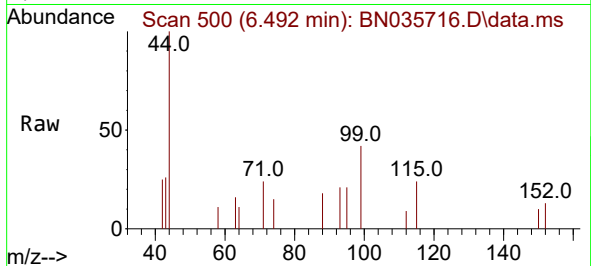




#5  
Phenol-d6  
Concen: 0.053 ng  
RT: 6.492 min Scan# 501  
Delta R.T. -0.000 min  
Lab File: BN035716.D  
Acq: 19 Dec 2024 22:23

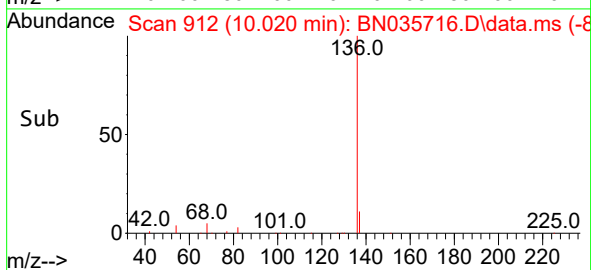
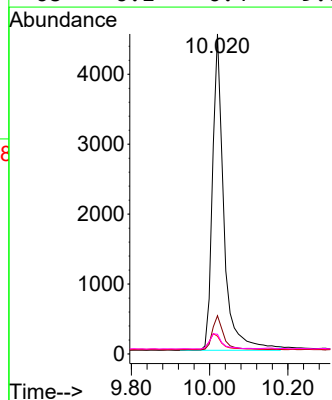
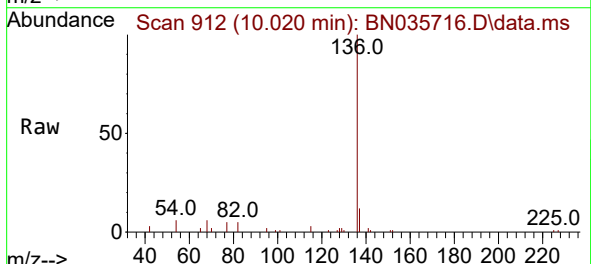
Instrument :  
BNA\_N  
ClientSampleId :  
RE122D3-20241209

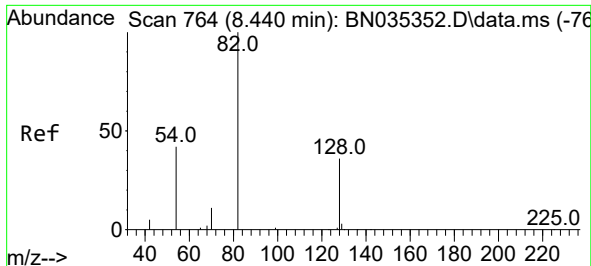
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 515   |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 12.8  | 11.4  | 17.2  |
| 71       | 45.0  | 29.3  | 43.9# |



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.020 min Scan# 912  
Delta R.T. -0.000 min  
Lab File: BN035716.D  
Acq: 19 Dec 2024 22:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 9120  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 12.0  | 10.2  | 15.2  |
| 54       | 5.6   | 6.1   | 9.1#  |
| 68       | 6.1   | 6.4   | 9.6#  |

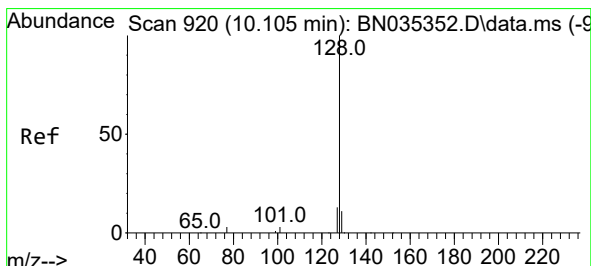
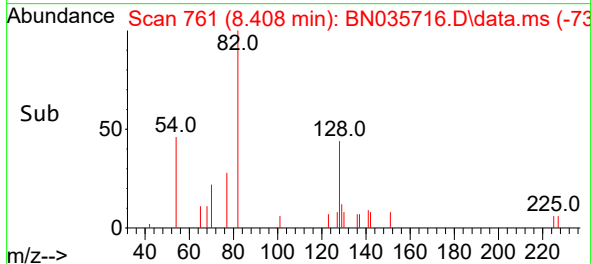
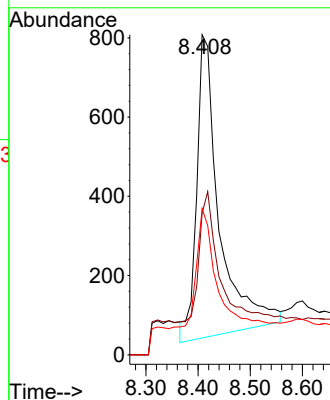
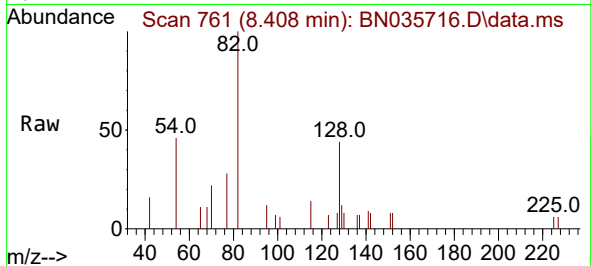




#8  
Nitrobenzene-d5  
Concen: 0.414 ng  
RT: 8.408 min Scan# 706  
Delta R.T. -0.000 min  
Lab File: BN035716.D  
Acq: 19 Dec 2024 22:23

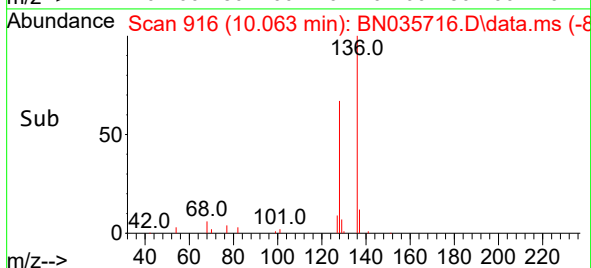
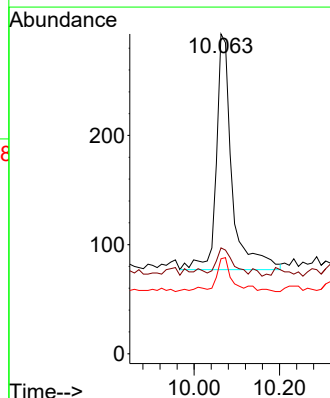
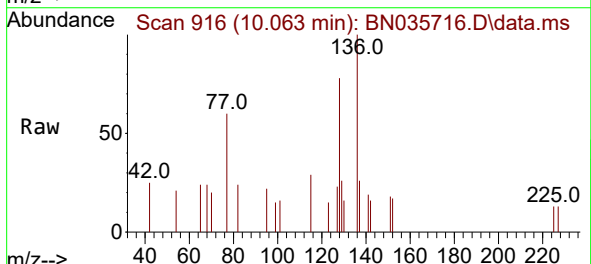
Instrument :  
BNA\_N  
ClientSampleId :  
RE122D3-20241209

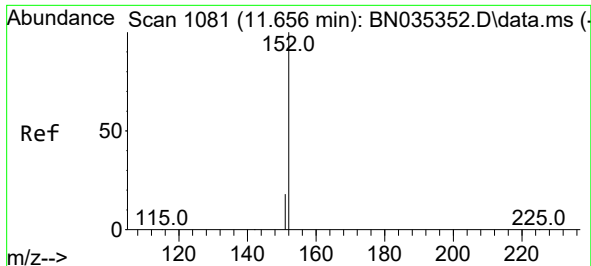
Tgt Ion: 82 Resp: 2306  
Ion Ratio Lower Upper  
82 100  
128 44.2 33.4 50.0  
54 45.7 36.7 55.1



#9  
Naphthalene  
Concen: 0.023 ng  
RT: 10.063 min Scan# 916  
Delta R.T. -0.000 min  
Lab File: BN035716.D  
Acq: 19 Dec 2024 22:23

Tgt Ion: 128 Resp: 552  
Ion Ratio Lower Upper  
128 100  
129 33.1 9.8 14.6#  
127 29.7 11.4 17.2#

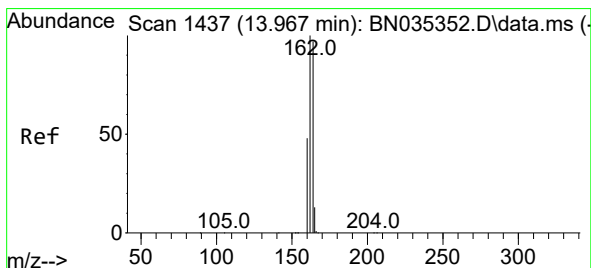
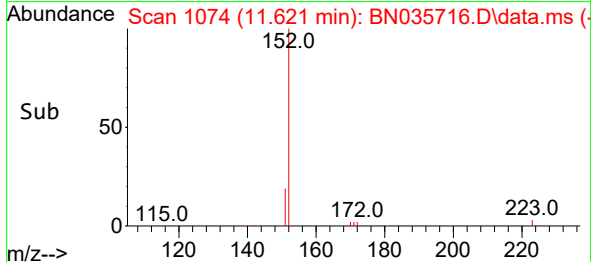
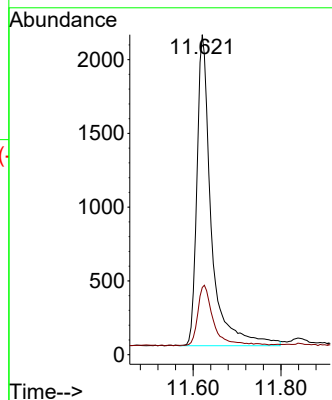
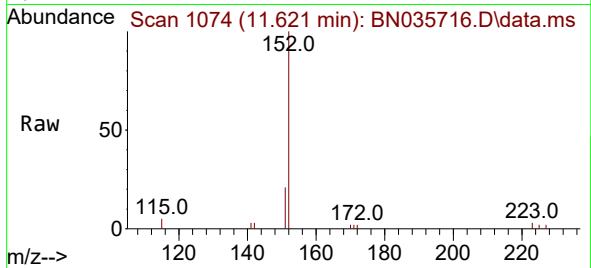




#11  
2-Methylnaphthalene-d10  
Concen: 0.337 ng  
RT: 11.621 min Scan# 1074  
Delta R.T. -0.000 min  
Lab File: BN035716.D  
Acq: 19 Dec 2024 22:23

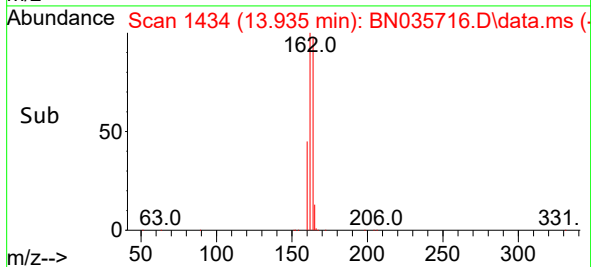
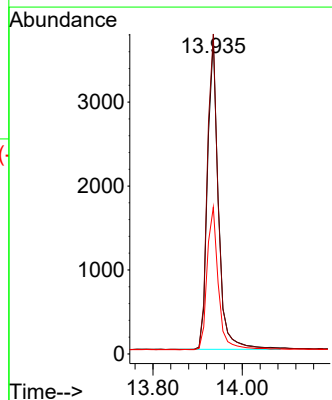
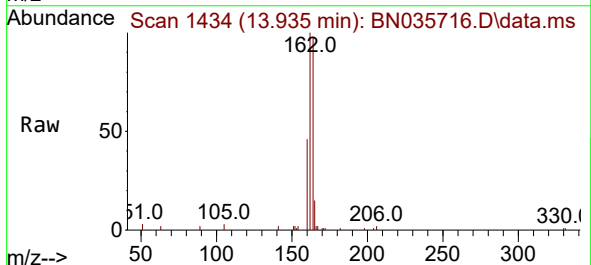
Instrument :  
BNA\_N  
ClientSampleId :  
RE122D3-20241209

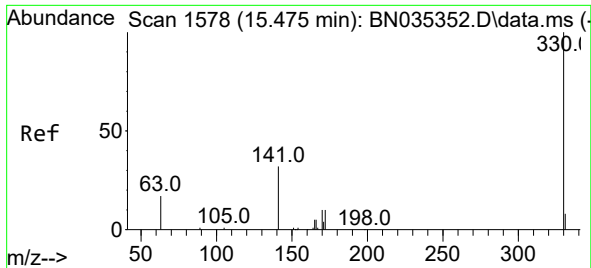
Tgt Ion:152 Resp: 4807  
Ion Ratio Lower Upper  
152 100  
151 20.5 16.6 25.0



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 13.935 min Scan# 1434  
Delta R.T. -0.000 min  
Lab File: BN035716.D  
Acq: 19 Dec 2024 22:23

Tgt Ion:164 Resp: 6257  
Ion Ratio Lower Upper  
164 100  
162 101.7 82.2 123.2  
160 46.6 40.1 60.1

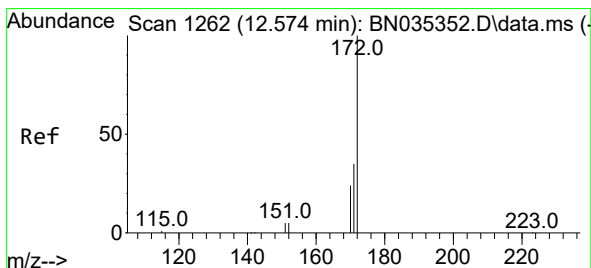
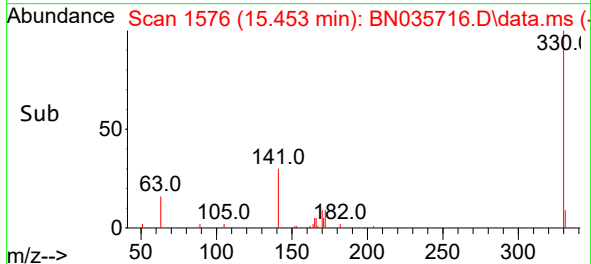
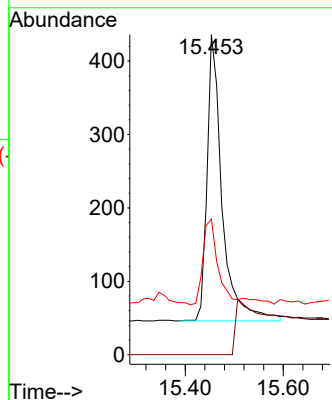
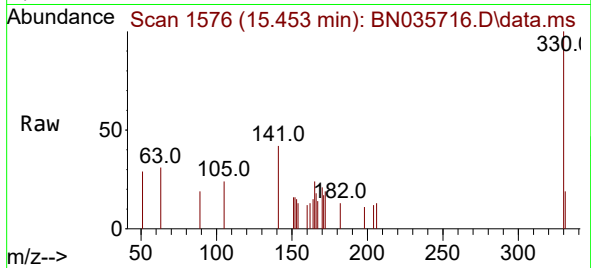




#14  
2,4,6-Tribromophenol  
Concen: 0.197 ng  
RT: 15.453 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN035716.D  
Acq: 19 Dec 2024 22:23

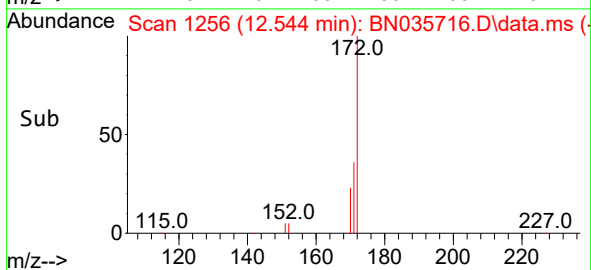
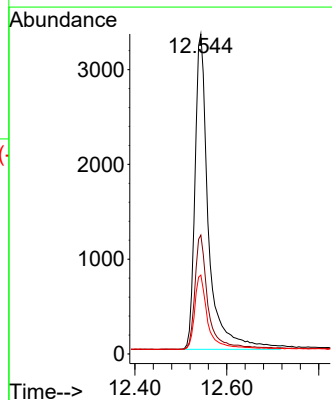
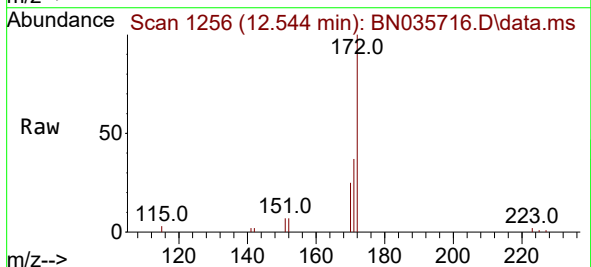
Instrument :  
BNA\_N  
ClientSampleId :  
RE122D3-20241209

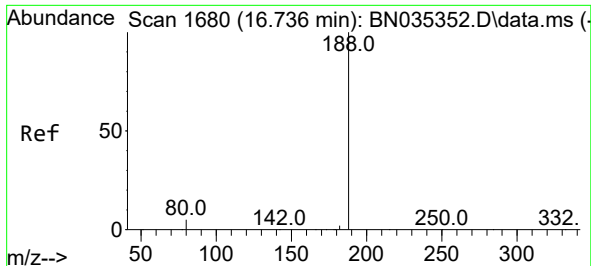
Tgt Ion:330 Resp: 875  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 28.3 26.6 40.0



#15  
2-Fluorobiphenyl  
Concen: 0.289 ng  
RT: 12.544 min Scan# 1256  
Delta R.T. -0.000 min  
Lab File: BN035716.D  
Acq: 19 Dec 2024 22:23

Tgt Ion:172 Resp: 6829  
Ion Ratio Lower Upper  
172 100  
171 37.2 29.0 43.4  
170 24.7 19.8 29.8

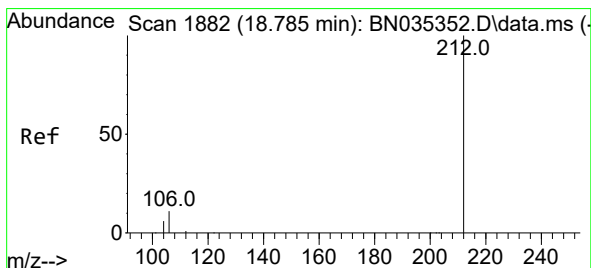
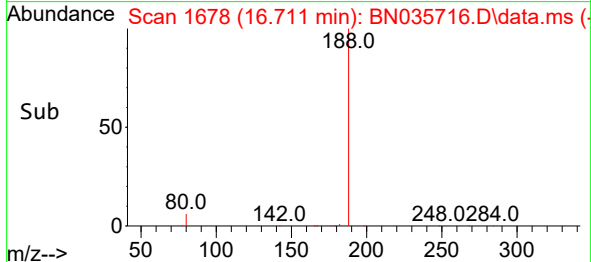
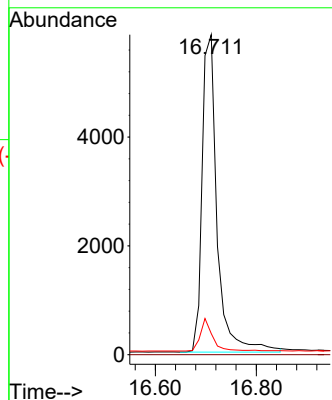
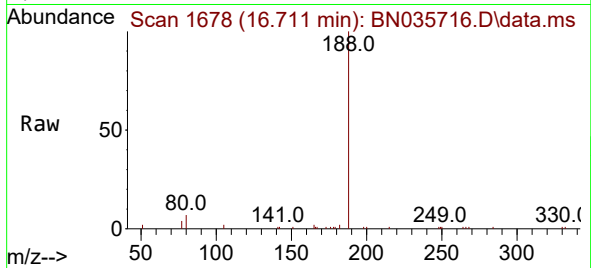




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.711 min Scan# 1  
Delta R.T. 0.012 min  
Lab File: BN035716.D  
Acq: 19 Dec 2024 22:23

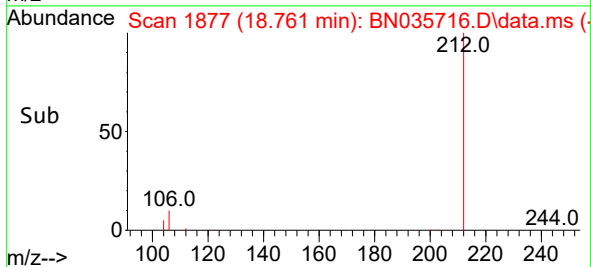
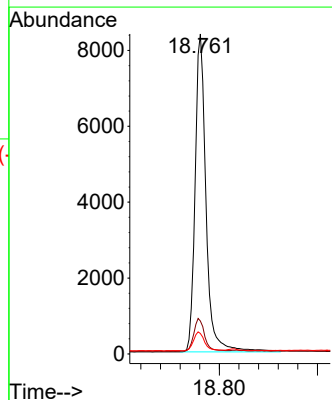
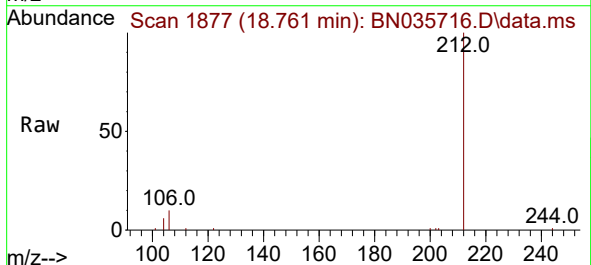
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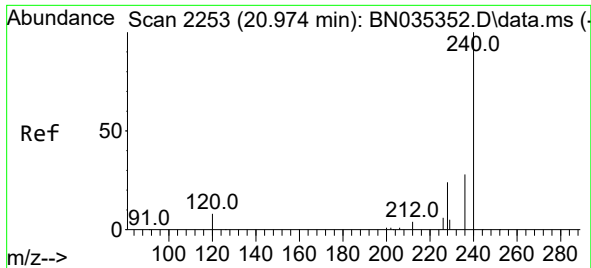
Tgt Ion:188 Resp: 12060  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 6.6 4.6 6.8



#27  
Fluoranthene-d10  
Concen: 0.379 ng  
RT: 18.761 min Scan# 1877  
Delta R.T. -0.000 min  
Lab File: BN035716.D  
Acq: 19 Dec 2024 22:23

Tgt Ion:212 Resp: 12958  
Ion Ratio Lower Upper  
212 100  
106 10.3 9.2 13.8  
104 5.9 5.3 7.9

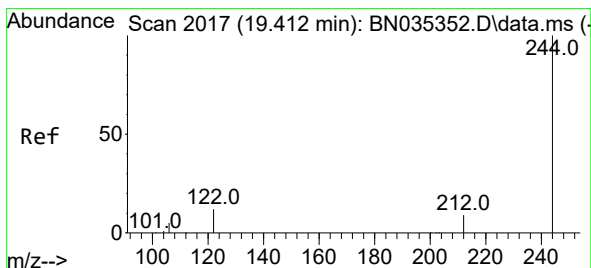
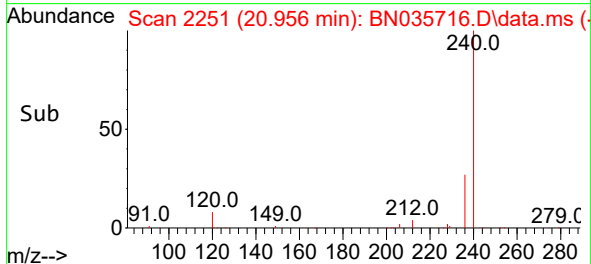
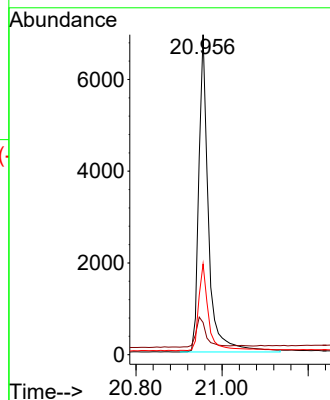
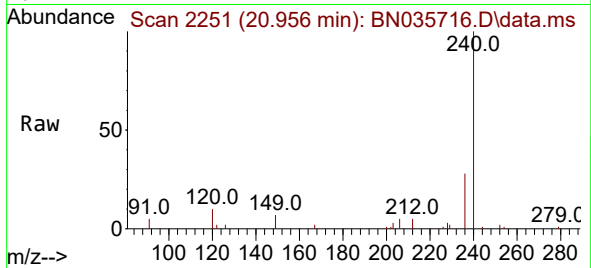




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 20.956 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BN035716.D  
Acq: 19 Dec 2024 22:23

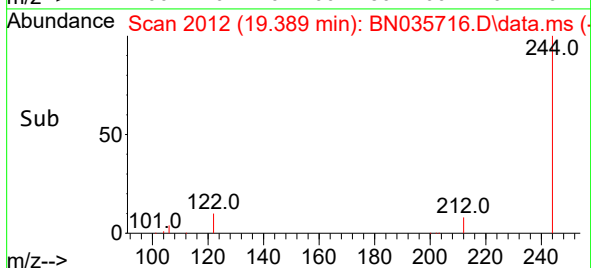
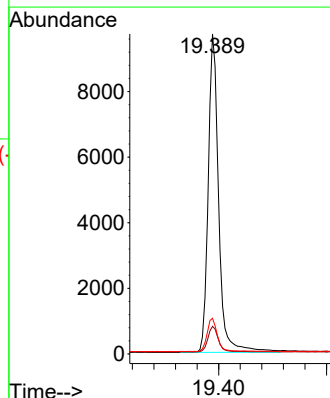
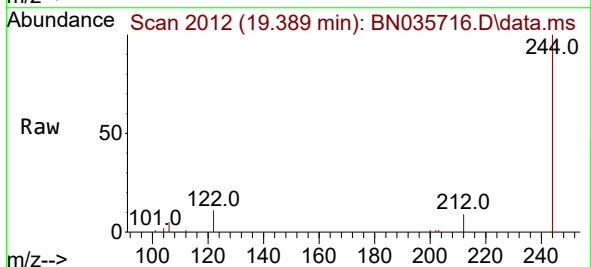
Instrument :  
BNA\_N  
ClientSampleId :  
RE122D3-20241209

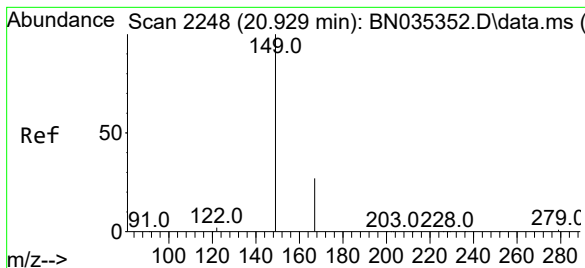
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Ion Ratio Lower Upper  
240 100  
120 10.1 7.9 11.9  
236 28.3 22.9 34.3



#31  
Terphenyl-d14  
Concen: 0.609 ng  
RT: 19.389 min Scan# 2012  
Delta R.T. -0.000 min  
Lab File: BN035716.D  
Acq: 19 Dec 2024 22:23

Tgt Ion:244 Resp: 13031  
Ion Ratio Lower Upper  
244 100  
212 8.6 8.1 12.1  
122 11.1 10.3 15.5

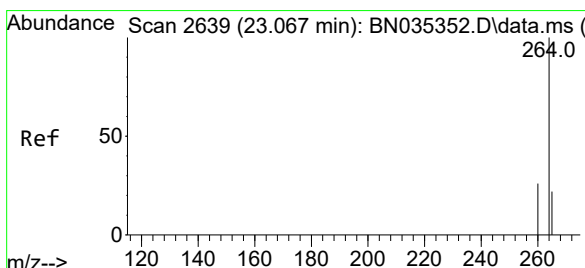
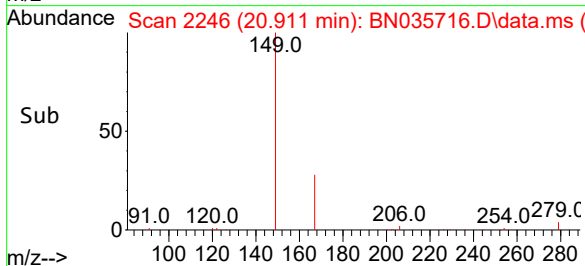
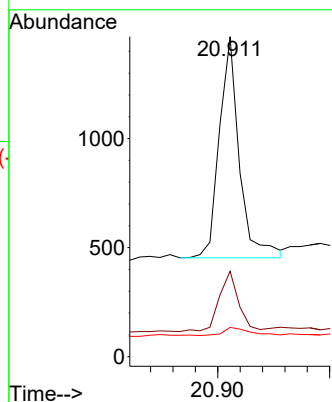
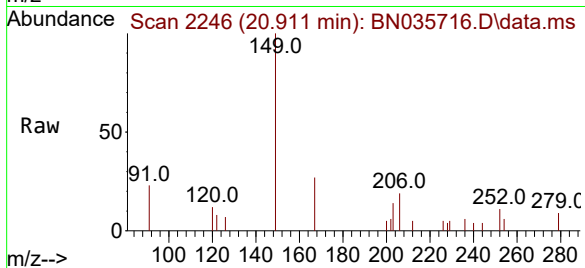




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.084 ng  
 RT: 20.911 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BN035716.D  
 Acq: 19 Dec 2024 22:23

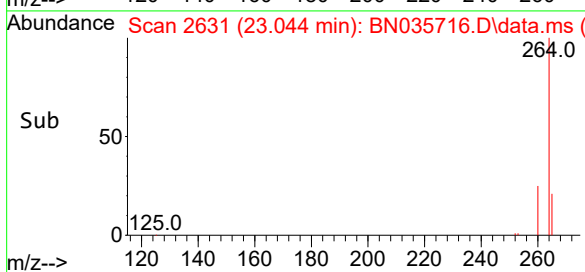
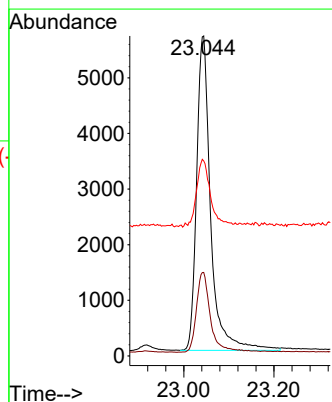
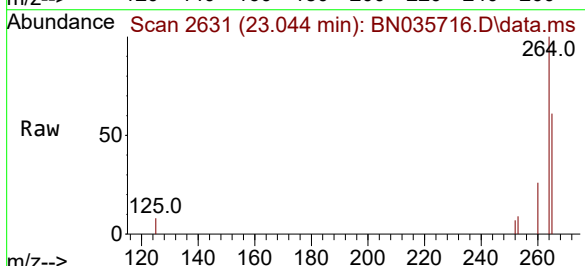
Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE122D3-20241209

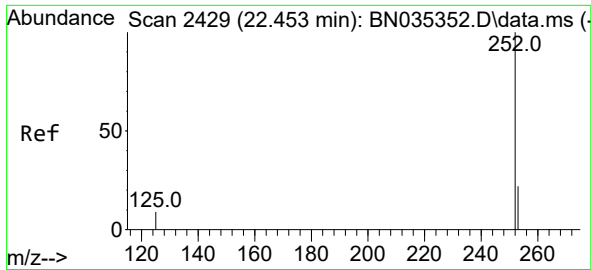
Tgt Ion:149 Resp: 1257  
 Ion Ratio Lower Upper  
 149 100  
 167 26.7 22.2 33.4  
 279 4.4 2.7 4.1#



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.044 min Scan# 2631  
 Delta R.T. 0.003 min  
 Lab File: BN035716.D  
 Acq: 19 Dec 2024 22:23

Tgt Ion:264 Resp: 12188  
 Ion Ratio Lower Upper  
 264 100  
 260 26.1 21.4 32.2  
 265 60.9 40.2 60.4#





#37

Benzo(b)fluoranthene

Concen: 0.028 ng

RT: 22.436 min Scan# 24

Delta R.T. 0.006 min

Lab File: BN035716.D

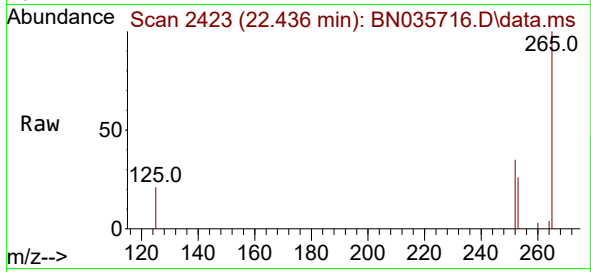
Acq: 19 Dec 2024 22:23

Instrument :

BNA\_N

ClientSampleId :

RE122D3-20241209



Tgt Ion:252 Resp: 1246

Ion Ratio Lower Upper

252 100

253 73.6 19.6 29.4#

125 61.2 9.6 14.4#

