

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN121924\  
 Data File : BN035718.D  
 Acq On : 19 Dec 2024 23:34  
 Operator : RC/JU  
 Sample : P5261-05  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE103D2-20241209

Quant Time: Dec 20 00:06:25 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

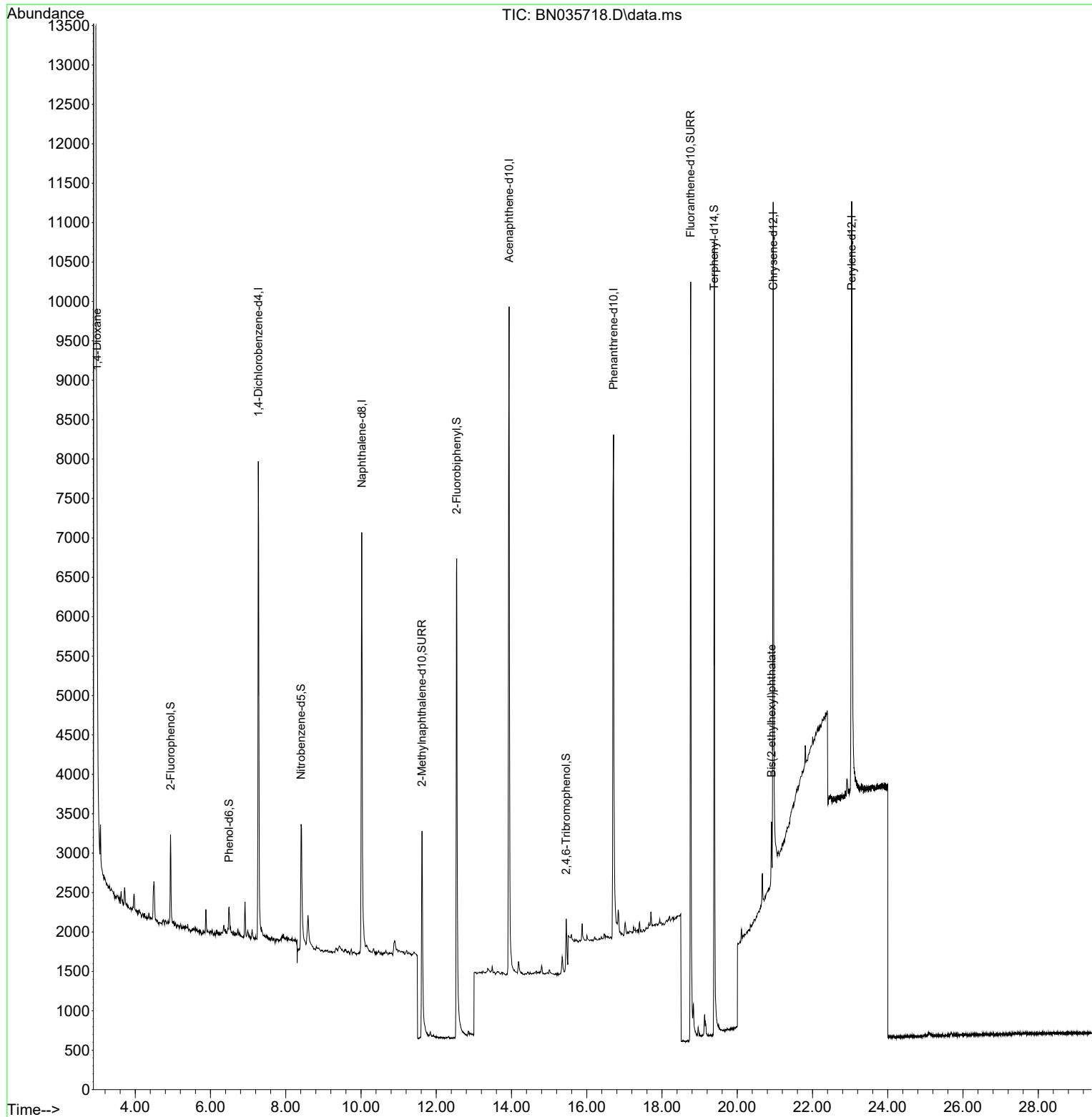
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.272  | 152  | 3198     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.020 | 136  | 8727     | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 13.935 | 164  | 5748     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.711 | 188  | 12085    | 0.400 | ng    | # 0.01   |
| 29) Chrysene-d12              | 20.956 | 240  | 10091    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.041 | 264  | 11286    | 0.400 | ng    | # 0.00   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 4.939  | 112  | 982      | 0.123 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.492  | 99   | 553      | 0.057 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.408  | 82   | 2382     | 0.447 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 11.621 | 152  | 5118     | 0.375 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.453 | 330  | 836      | 0.205 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.544 | 172  | 7434     | 0.342 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 18.761 | 212  | 12863    | 0.375 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.389 | 244  | 11596    | 0.583 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.982  | 88   | 1342     | 0.439 | ng    | 92       |
| 34) Bis(2-ethylhexyl)phtha... | 20.911 | 149  | 812      | 0.058 | ng    | # 94     |
| -----                         |        |      |          |       |       |          |

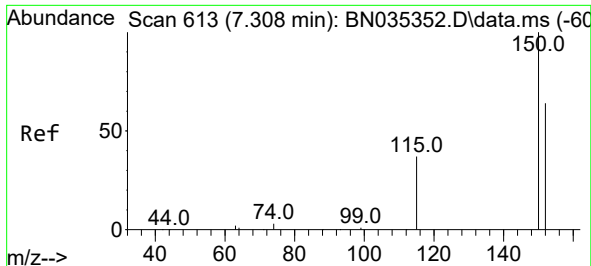
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN121924\  
Data File : BN035718.D  
Acq On : 19 Dec 2024 23:34  
Operator : RC/JU  
Sample : P5261-05  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
RE103D2-20241209

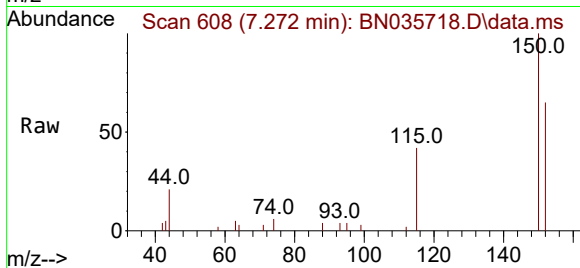
Quant Time: Dec 20 00:06:25 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN112724.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 19 23:06:19 2024  
Response via : Initial Calibration



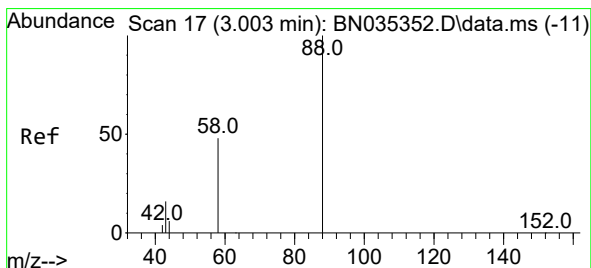
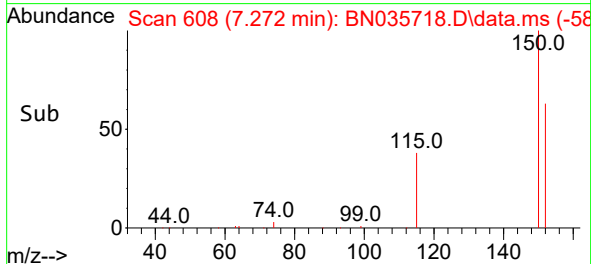
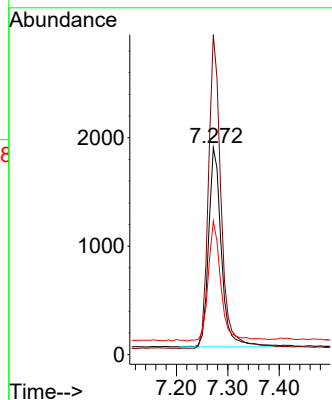


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.272 min Scan# 60  
Delta R.T. -0.000 min  
Lab File: BN035718.D  
Acq: 19 Dec 2024 23:34

Instrument :  
BNA\_N  
ClientSampleId :  
RE103D2-20241209

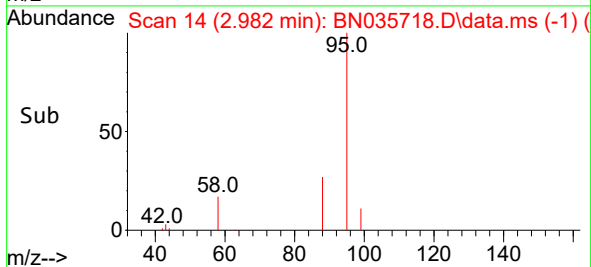
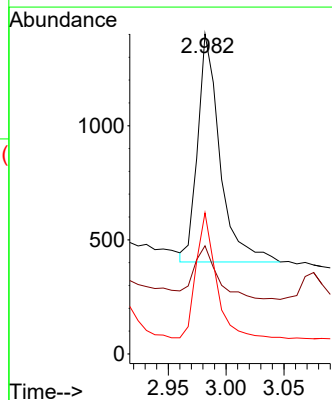
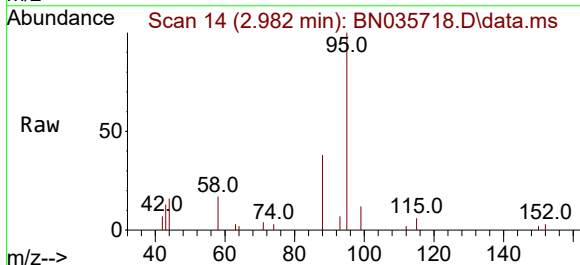


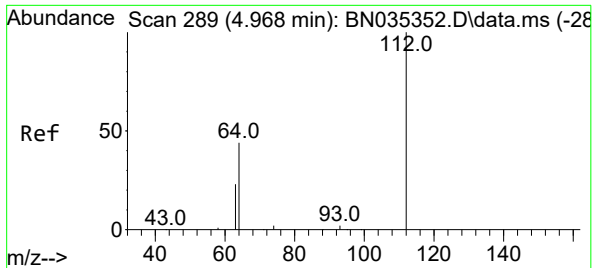
Tgt Ion:152 Resp: 3198  
Ion Ratio Lower Upper  
152 100  
150 154.7 124.0 186.0  
115 64.6 49.6 74.4



#2  
1,4-Dioxane  
Concen: 0.439 ng  
RT: 2.982 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: BN035718.D  
Acq: 19 Dec 2024 23:34

Tgt Ion: 88 Resp: 1342  
Ion Ratio Lower Upper  
88 100  
43 24.7 17.2 25.8  
58 49.8 44.5 66.7

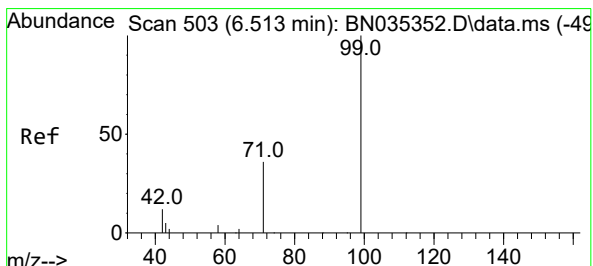
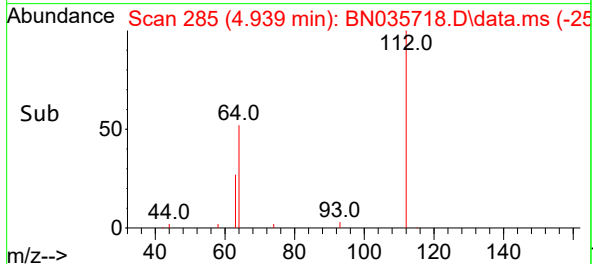
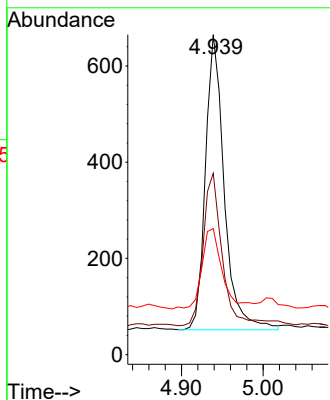
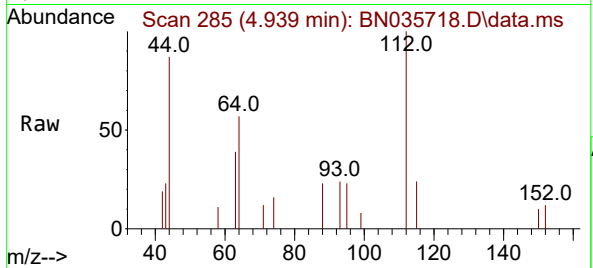




#4  
2-Fluorophenol  
Concen: 0.123 ng  
RT: 4.939 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BN035718.D  
Acq: 19 Dec 2024 23:34

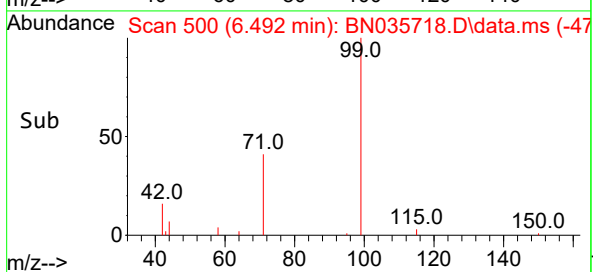
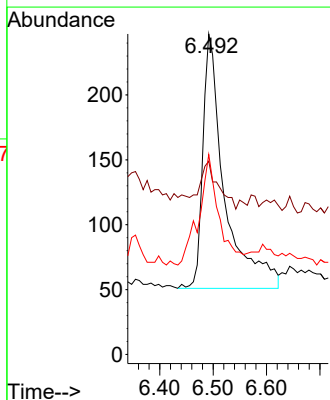
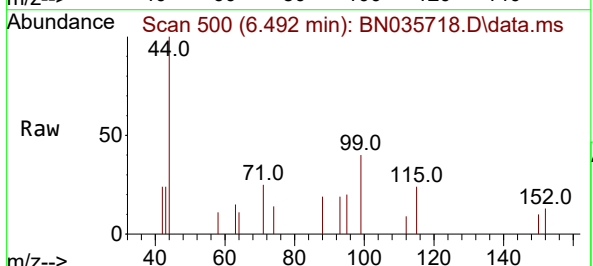
Instrument :  
BNA\_N  
ClientSampleId :  
RE103D2-20241209

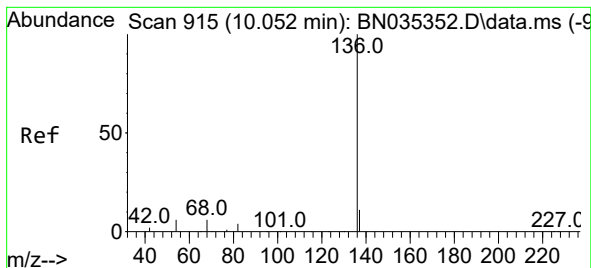
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 112   | Resp: | 982  |
| Ion Ratio | Lower | Upper |      |
| 112       | 100   |       |      |
| 64        | 53.5  | 39.8  | 59.8 |
| 63        | 30.4  | 21.0  | 31.6 |



#5  
Phenol-d6  
Concen: 0.057 ng  
RT: 6.492 min Scan# 500  
Delta R.T. 0.000 min  
Lab File: BN035718.D  
Acq: 19 Dec 2024 23:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 99    | Resp: | 553   |
| Ion Ratio | Lower | Upper |       |
| 99        | 100   |       |       |
| 42        | 17.2  | 11.4  | 17.2# |
| 71        | 40.1  | 29.3  | 43.9  |





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.020 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN035718.D

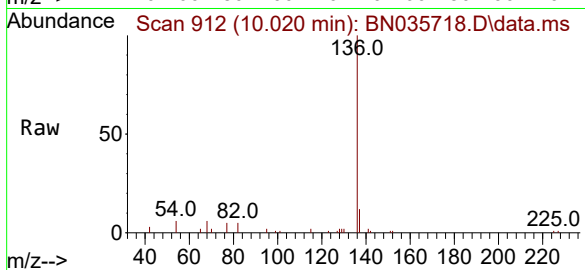
Acq: 19 Dec 2024 23:34

Instrument :

BNA\_N

ClientSampleId :

RE103D2-20241209



Tgt Ion:136 Resp: 8727

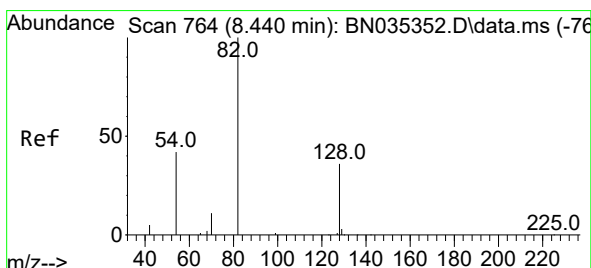
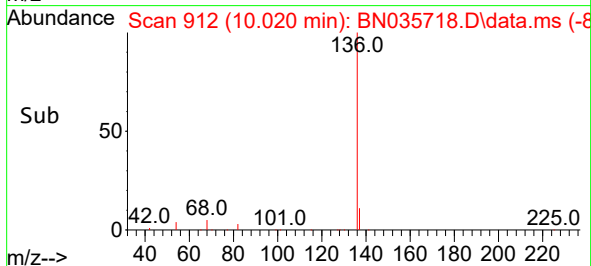
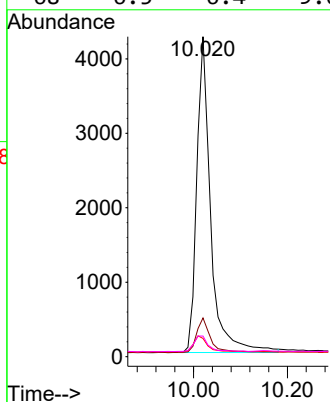
Ion Ratio Lower Upper

136 100

137 12.1 10.2 15.2

54 5.7 6.1 9.1#

68 6.5 6.4 9.6



#8

Nitrobenzene-d5

Concen: 0.447 ng

RT: 8.408 min Scan# 761

Delta R.T. -0.000 min

Lab File: BN035718.D

Acq: 19 Dec 2024 23:34

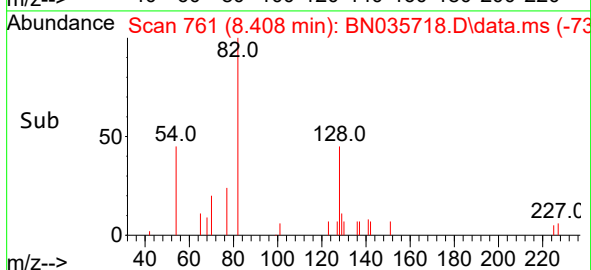
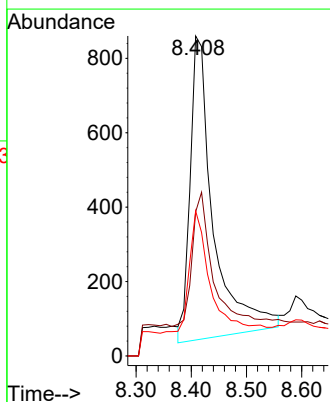
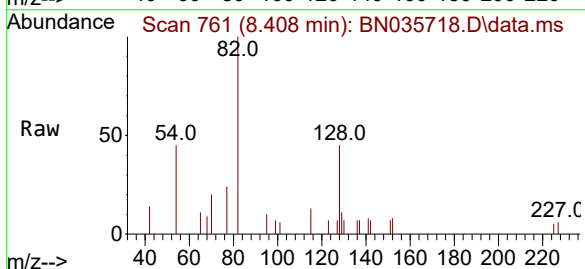
Tgt Ion: 82 Resp: 2382

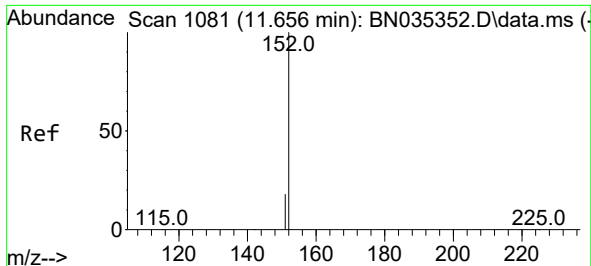
Ion Ratio Lower Upper

82 100

128 45.0 33.4 50.0

54 45.3 36.7 55.1

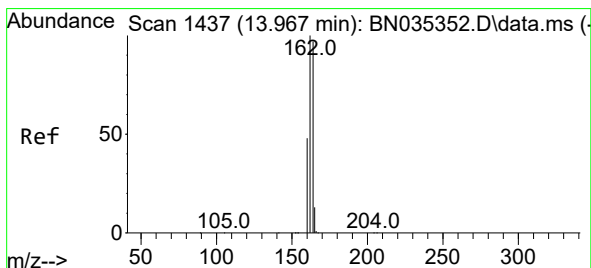
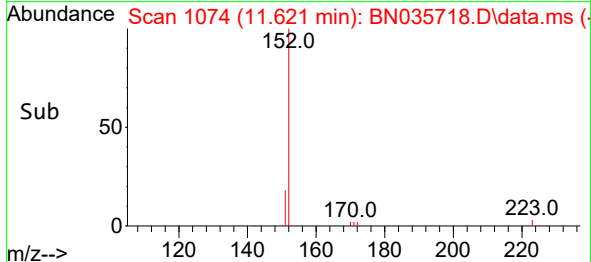
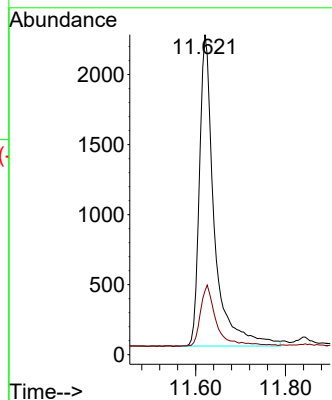
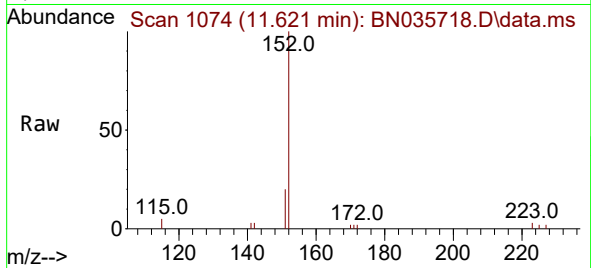




#11  
2-Methylnaphthalene-d10  
Concen: 0.375 ng  
RT: 11.621 min Scan# 1074  
Delta R.T. 0.000 min  
Lab File: BN035718.D  
Acq: 19 Dec 2024 23:34

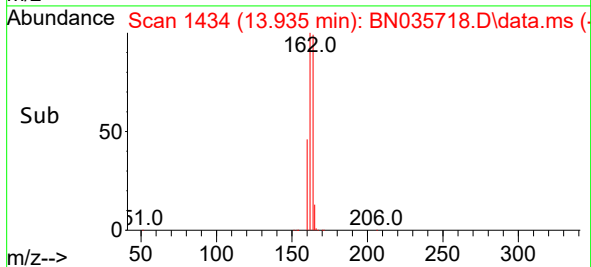
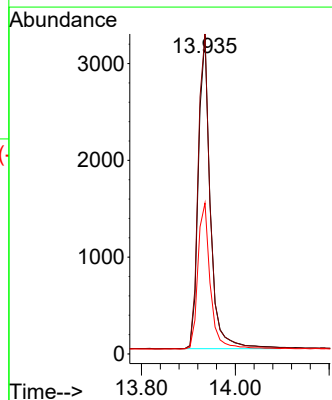
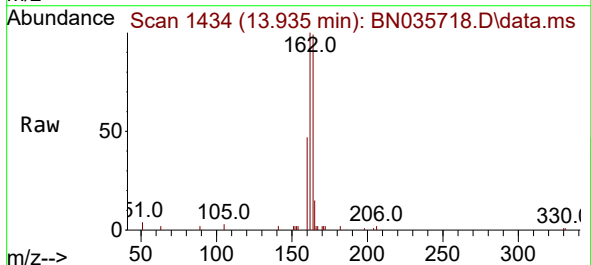
Instrument :  
BNA\_N  
ClientSampleId :  
RE103D2-20241209

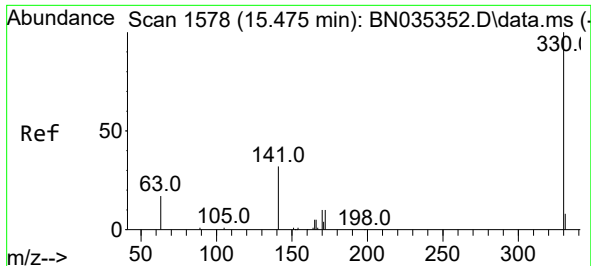
Tgt Ion:152 Resp: 5118  
Ion Ratio Lower Upper  
152 100  
151 20.9 16.6 25.0



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 13.935 min Scan# 1434  
Delta R.T. -0.000 min  
Lab File: BN035718.D  
Acq: 19 Dec 2024 23:34

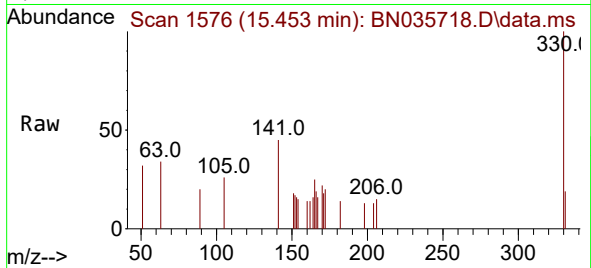
Tgt Ion:164 Resp: 5748  
Ion Ratio Lower Upper  
164 100  
162 100.6 82.2 123.2  
160 47.4 40.1 60.1



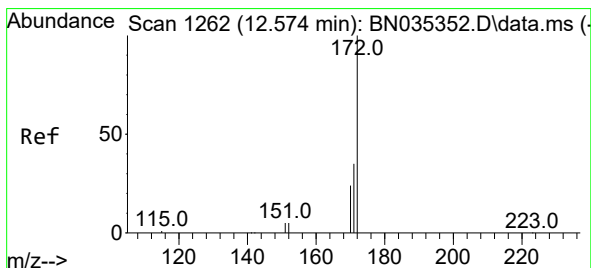
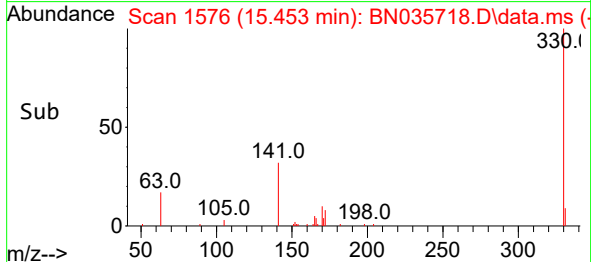
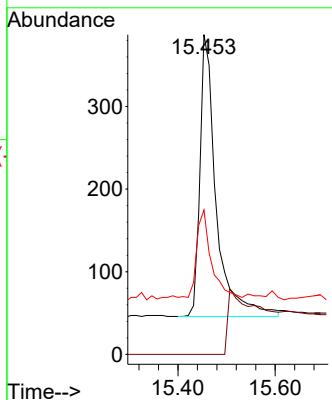


#14  
2,4,6-Tribromophenol  
Concen: 0.205 ng  
RT: 15.453 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN035718.D  
Acq: 19 Dec 2024 23:34

Instrument :  
BNA\_N  
ClientSampleId :  
RE103D2-20241209

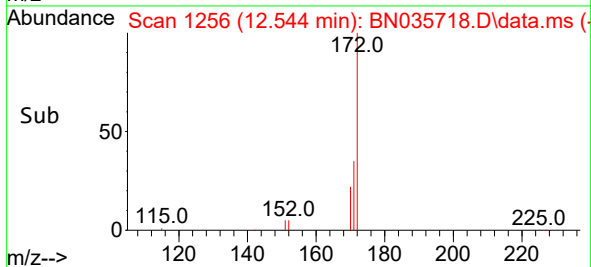
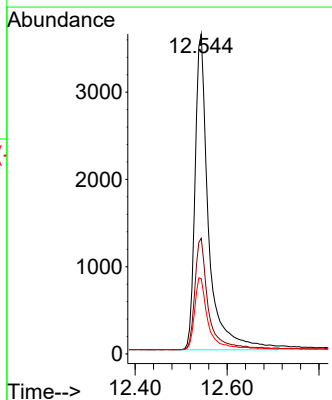
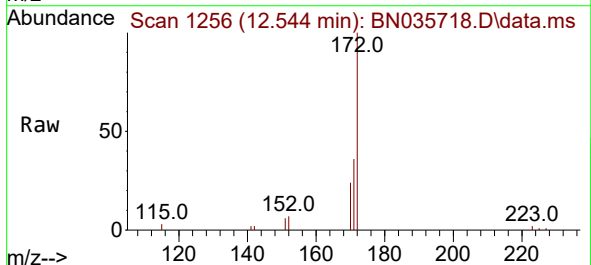


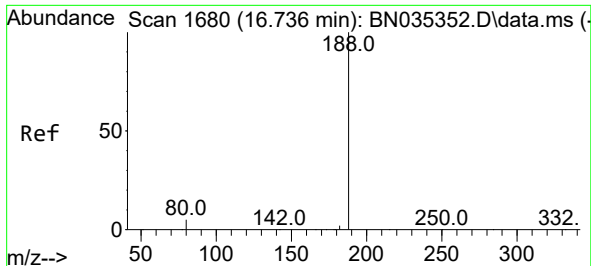
Tgt Ion:330 Resp: 836  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 28.0 26.6 40.0



#15  
2-Fluorobiphenyl  
Concen: 0.342 ng  
RT: 12.544 min Scan# 1256  
Delta R.T. -0.000 min  
Lab File: BN035718.D  
Acq: 19 Dec 2024 23:34

Tgt Ion:172 Resp: 7434  
Ion Ratio Lower Upper  
172 100  
171 36.2 29.0 43.4  
170 23.5 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: BN035718.D

Acq: 19 Dec 2024 23:34

Instrument :

BNA\_N

ClientSampleId :

RE103D2-20241209

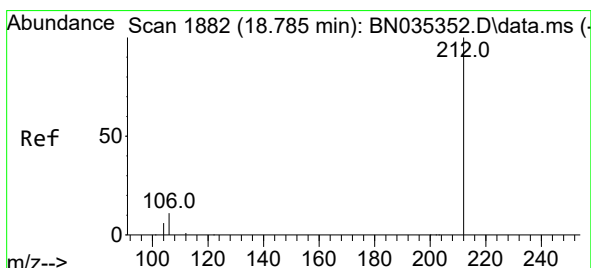
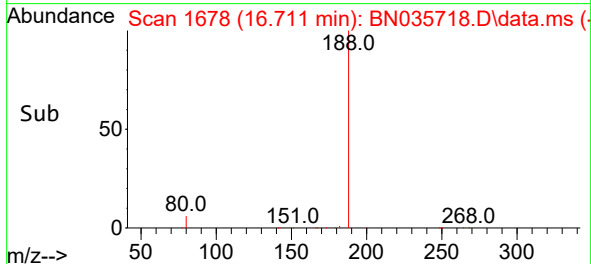
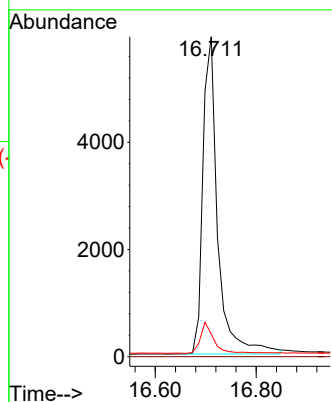
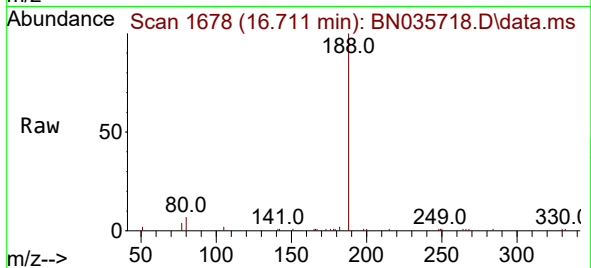
Tgt Ion:188 Resp: 12085

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.0 4.6 6.8#



#27

Fluoranthene-d10

Concen: 0.375 ng

RT: 18.761 min Scan# 1877

Delta R.T. -0.000 min

Lab File: BN035718.D

Acq: 19 Dec 2024 23:34

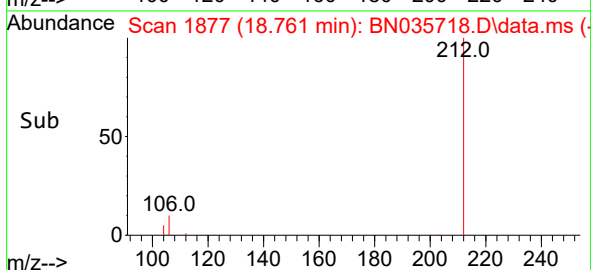
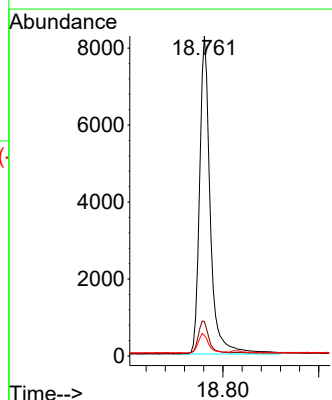
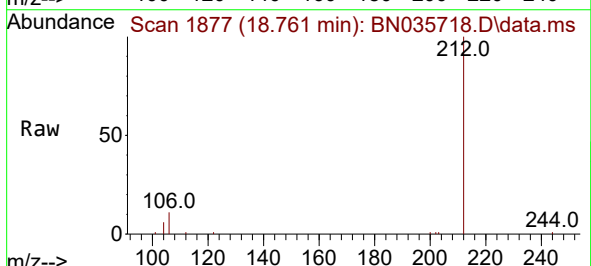
Tgt Ion:212 Resp: 12863

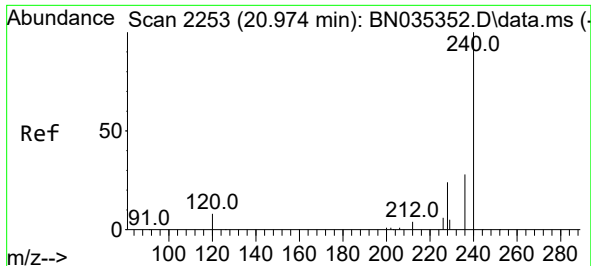
Ion Ratio Lower Upper

212 100

106 10.2 9.2 13.8

104 5.8 5.3 7.9

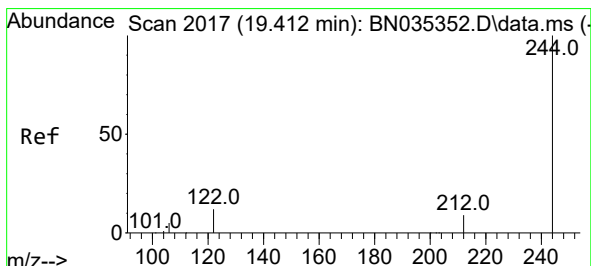
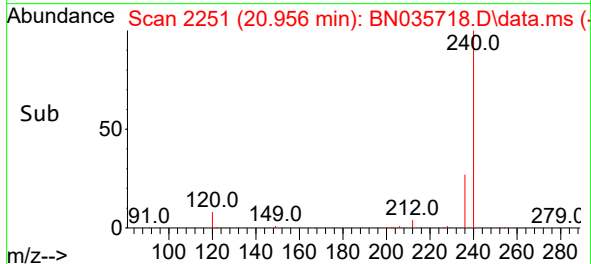
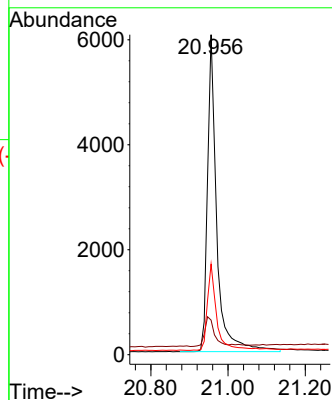
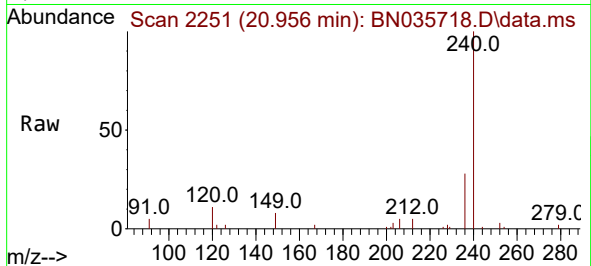




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 20.956 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BN035718.D  
Acq: 19 Dec 2024 23:34

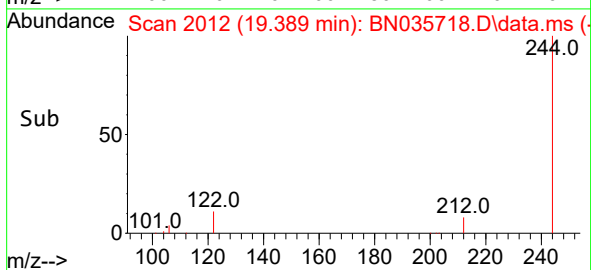
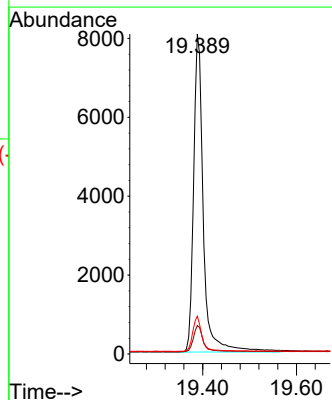
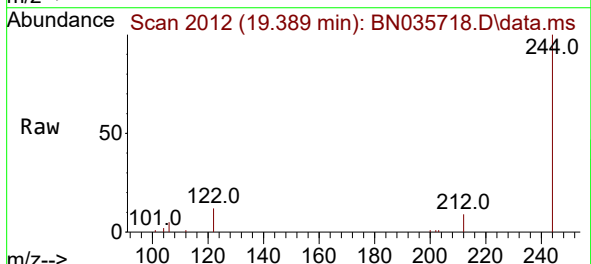
Instrument :  
BNA\_N  
ClientSampleId :  
RE103D2-20241209

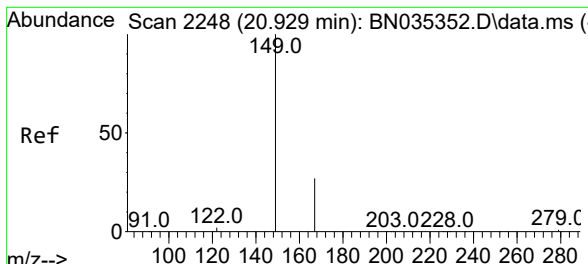
Tgt Ion:240 Resp: 10091  
Ion Ratio Lower Upper  
240 100  
120 10.8 7.9 11.9  
236 28.3 22.9 34.3



#31  
Terphenyl-d14  
Concen: 0.583 ng  
RT: 19.389 min Scan# 2012  
Delta R.T. -0.000 min  
Lab File: BN035718.D  
Acq: 19 Dec 2024 23:34

Tgt Ion:244 Resp: 11596  
Ion Ratio Lower Upper  
244 100  
212 8.9 8.1 12.1  
122 11.8 10.3 15.5

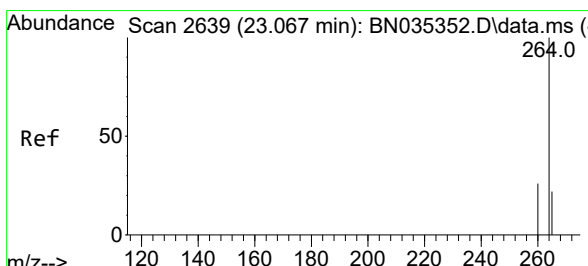
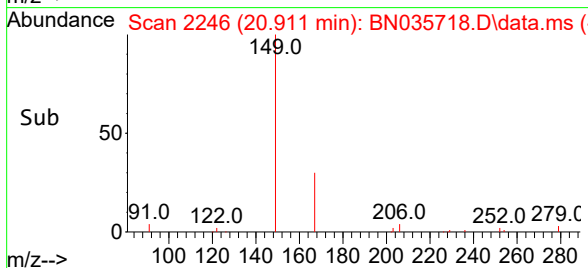
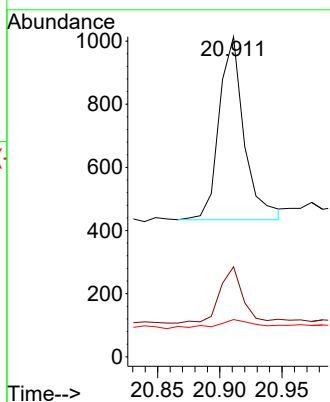
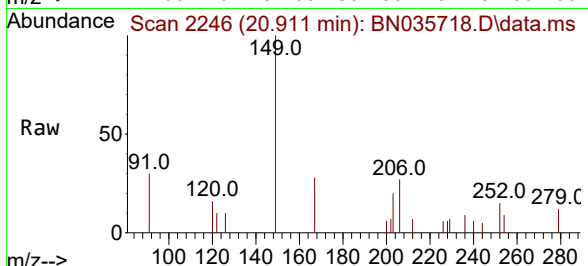




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.058 ng  
 RT: 20.911 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BN035718.D  
 Acq: 19 Dec 2024 23:34

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE103D2-20241209

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 149   | Resp: | 812  |
| Ion Ratio | Lower | Upper |      |
| 149       | 100   |       |      |
| 167       | 30.3  | 22.2  | 33.4 |
| 279       | 7.8   | 2.7   | 4.1# |



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.041 min Scan# 2630  
 Delta R.T. -0.000 min  
 Lab File: BN035718.D  
 Acq: 19 Dec 2024 23:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 264   | Resp: | 11286 |
| Ion Ratio | Lower | Upper |       |
| 264       | 100   |       |       |
| 260       | 26.2  | 21.4  | 32.2  |
| 265       | 64.9  | 40.2  | 60.4# |

