

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082024\  
 Data File : BN033518.D  
 Acq On : 20 Aug 2024 22:29  
 Operator : MA/JU  
 Sample : P3666-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SP-100-20240816

Quant Time: Aug 20 23:23:15 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 19 23:32:18 2024  
 Response via : Initial Calibration

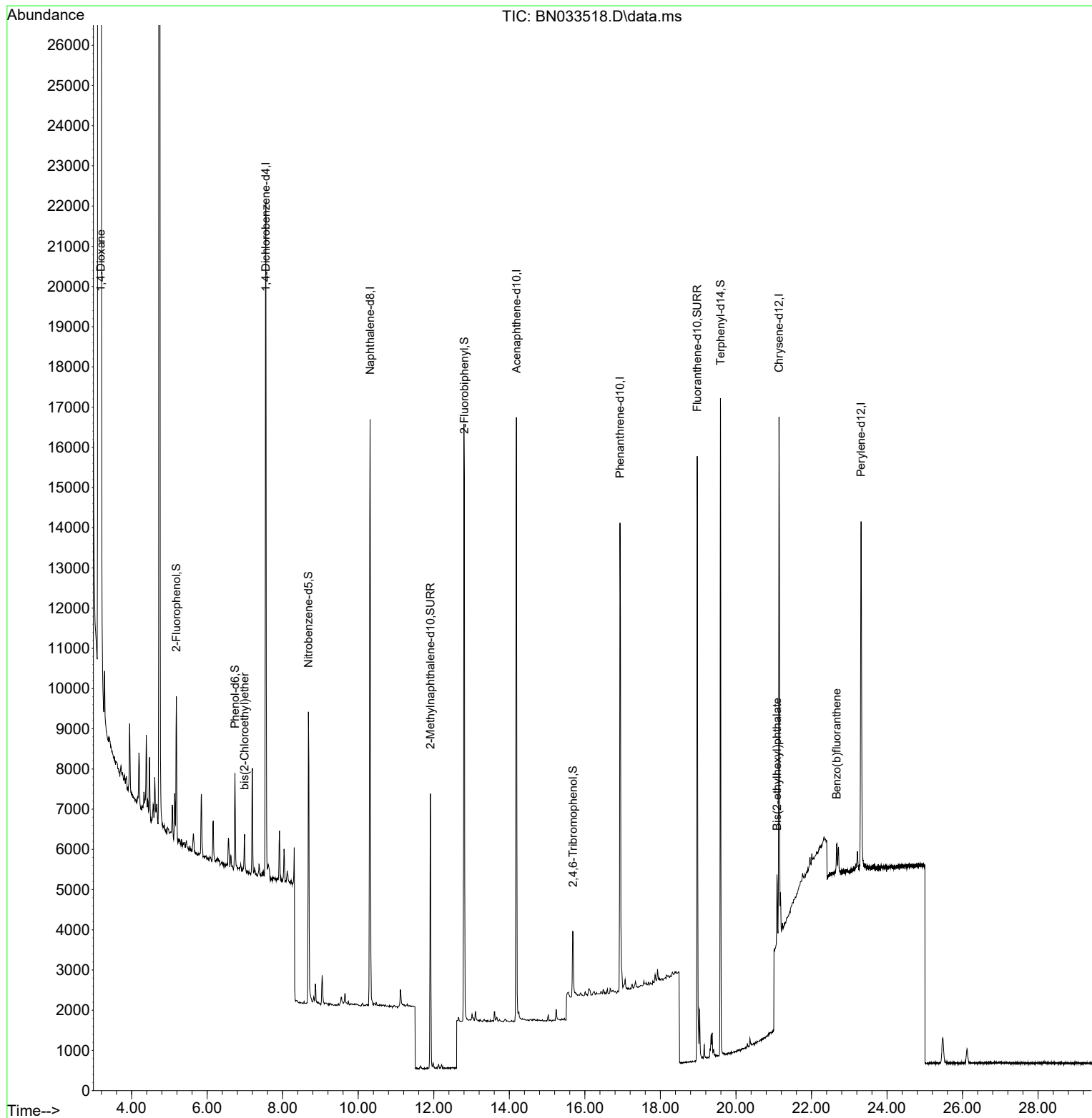
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.552  | 152  | 7290     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.314 | 136  | 19000    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.189 | 164  | 8809     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.929 | 188  | 16987    | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.139 | 240  | 11144    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.312 | 264  | 11324    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.183  | 112  | 2601     | 0.112 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.736  | 99   | 1824     | 0.066 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.681  | 82   | 5510     | 0.350 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 11.911 | 152  | 9087     | 0.334 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.688 | 330  | 1165     | 0.246 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.810 | 172  | 13572    | 0.377 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 18.975 | 212  | 16334    | 0.400 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.593 | 244  | 15049    | 0.594 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.183  | 88   | 39758    | 4.739 | ng    | 97       |
| 6) bis(2-Chloroethyl)ether    | 6.989  | 93   | 645      | 0.033 | ng    | 95       |
| 34) Bis(2-ethylhexyl)phtha... | 21.086 | 149  | 7438     | 0.292 | ng    | # 90     |
| 37) Benzo(b)fluoranthene      | 22.665 | 252  | 918      | 0.022 | ng    | # 1      |
| -----                         |        |      |          |       |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082024\  
Data File : BN033518.D  
Acq On : 20 Aug 2024 22:29  
Operator : MA/JU  
Sample : P3666-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SP-100-20240816

Quant Time: Aug 20 23:23:15 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Aug 19 23:32:18 2024  
Response via : Initial Calibration

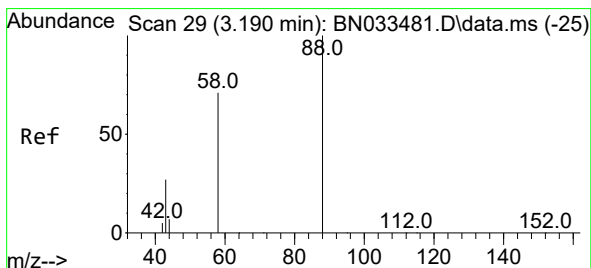
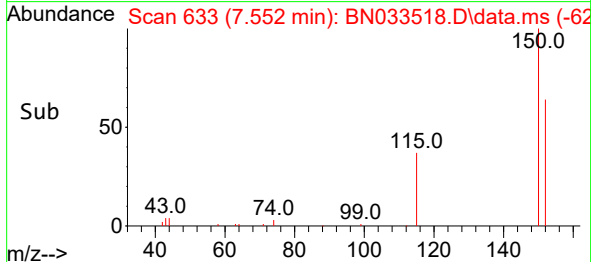
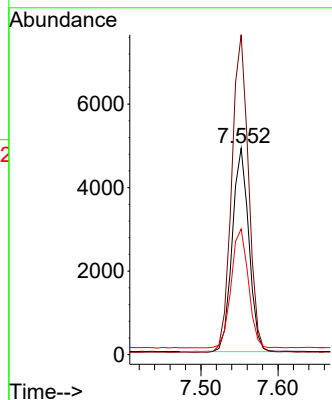
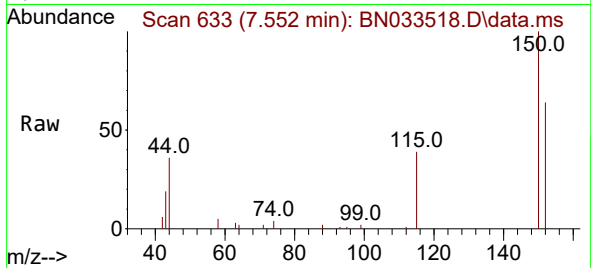




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.552 min Scan# 61  
Delta R.T. -0.007 min  
Lab File: BN033518.D  
Acq: 20 Aug 2024 22:29

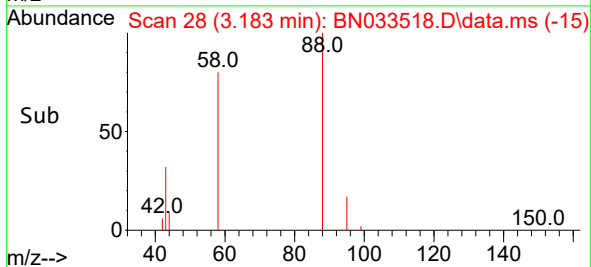
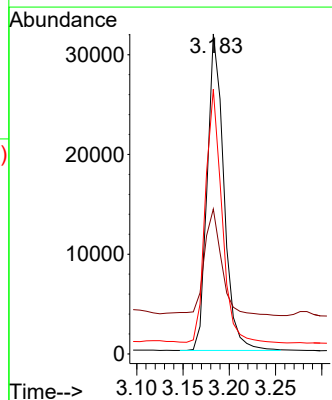
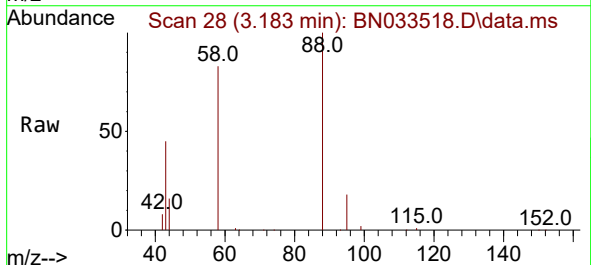
Instrument :  
BNA\_N  
ClientSampleId :  
SP-100-20240816

Tgt Ion:152 Resp: 7290  
Ion Ratio Lower Upper  
152 100  
150 155.0 122.2 183.2  
115 61.0 47.2 70.8



#2  
1,4-Dioxane  
Concen: 4.739 ng  
RT: 3.183 min Scan# 28  
Delta R.T. -0.007 min  
Lab File: BN033518.D  
Acq: 20 Aug 2024 22:29

Tgt Ion: 88 Resp: 39758  
Ion Ratio Lower Upper  
88 100  
43 36.0 25.0 37.4  
58 78.9 62.5 93.7

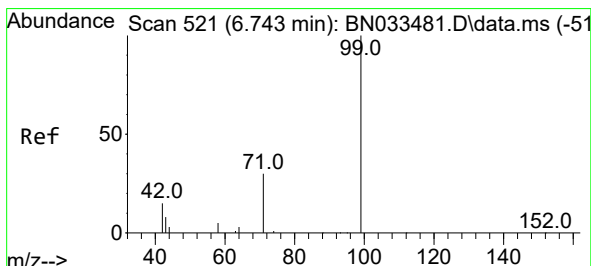
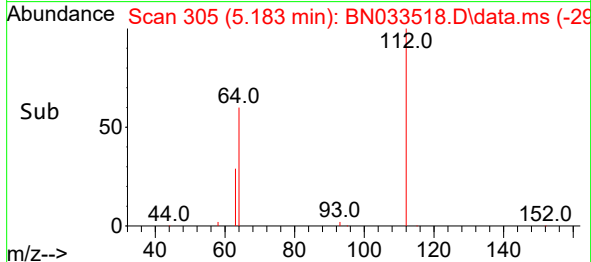
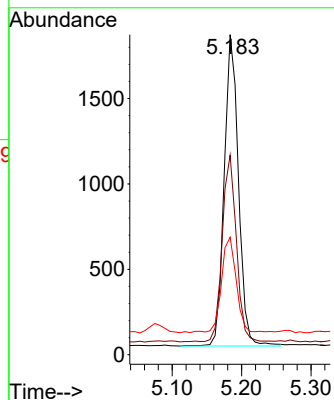
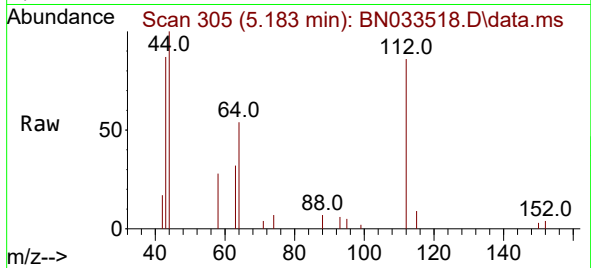




#4  
2-Fluorophenol  
Concen: 0.112 ng  
RT: 5.183 min Scan# 306  
Delta R.T. -0.007 min  
Lab File: BN033518.D  
Acq: 20 Aug 2024 22:29

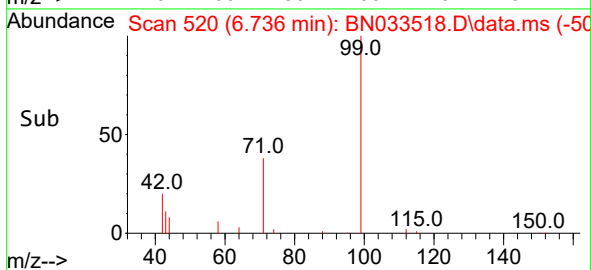
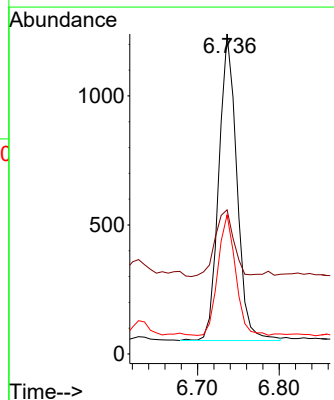
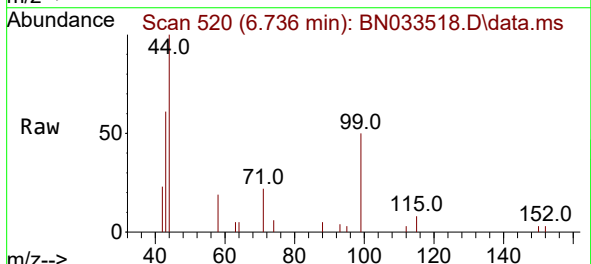
Instrument :  
BNA\_N  
ClientSampleId :  
SP-100-20240816

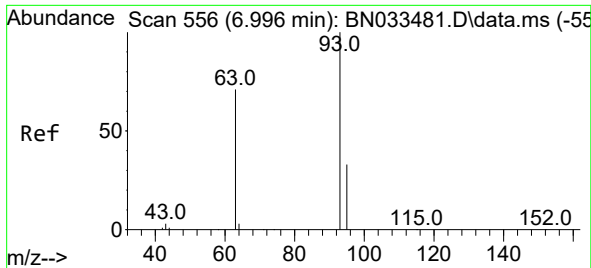
Tgt Ion:112 Resp: 2601  
Ion Ratio Lower Upper  
112 100  
64 59.6 47.1 70.7  
63 31.8 24.9 37.3



#5  
Phenol-d6  
Concen: 0.066 ng  
RT: 6.736 min Scan# 520  
Delta R.T. -0.007 min  
Lab File: BN033518.D  
Acq: 20 Aug 2024 22:29

Tgt Ion: 99 Resp: 1824  
Ion Ratio Lower Upper  
99 100  
42 22.4 16.6 24.8  
71 38.4 26.2 39.4

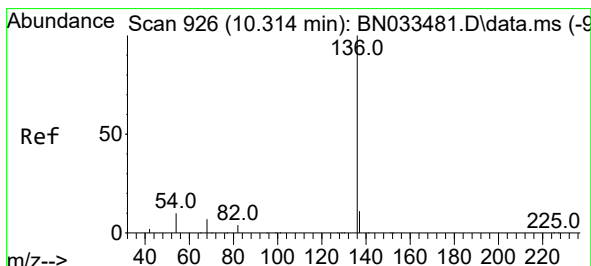
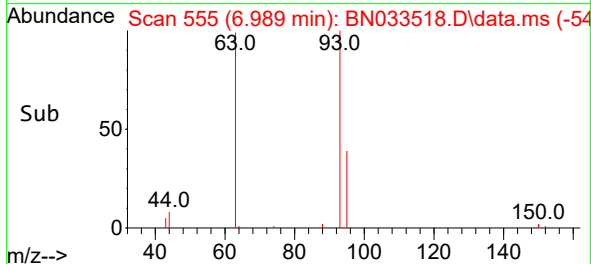
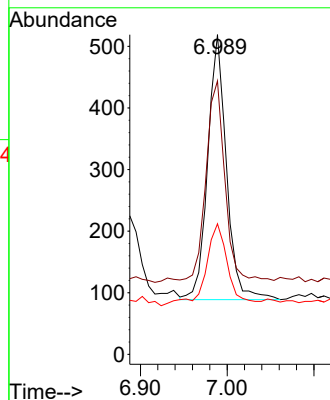
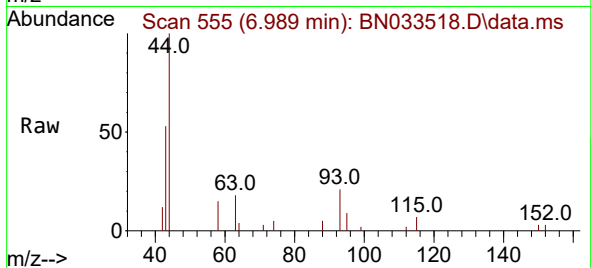




#6  
bis(2-Chloroethyl)ether  
Concen: 0.033 ng  
RT: 6.989 min Scan# 556  
Delta R.T. -0.007 min  
Lab File: BN033518.D  
Acq: 20 Aug 2024 22:29

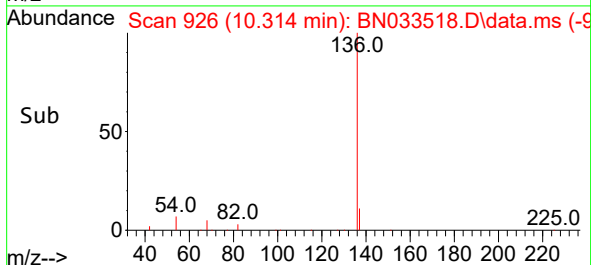
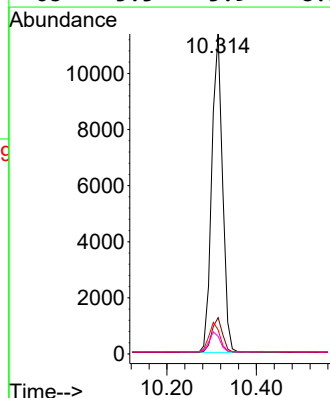
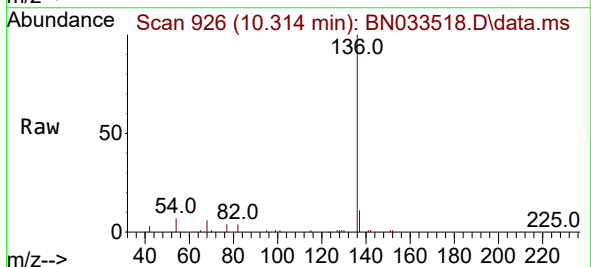
Instrument :  
BNA\_N  
ClientSampleId :  
SP-100-20240816

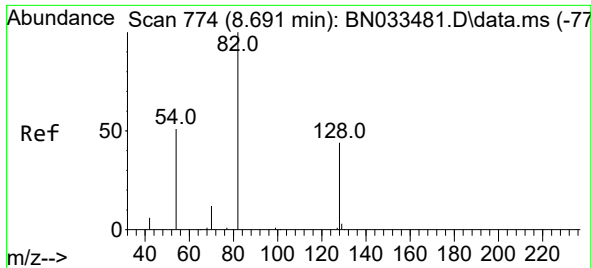
Tgt Ion: 93 Resp: 645  
Ion Ratio Lower Upper  
93 100  
63 74.7 63.0 94.4  
95 36.4 26.0 39.0



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.314 min Scan# 926  
Delta R.T. -0.000 min  
Lab File: BN033518.D  
Acq: 20 Aug 2024 22:29

Tgt Ion: 136 Resp: 19000  
Ion Ratio Lower Upper  
136 100  
137 11.4 9.0 13.6  
54 7.5 8.3 12.5#  
68 5.5 5.9 8.9#

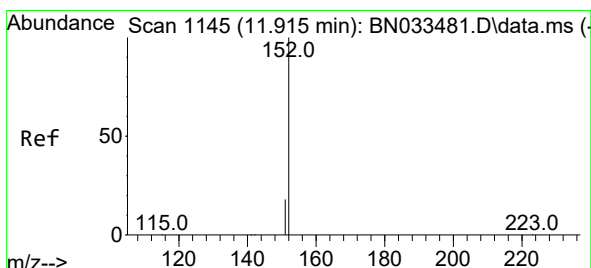
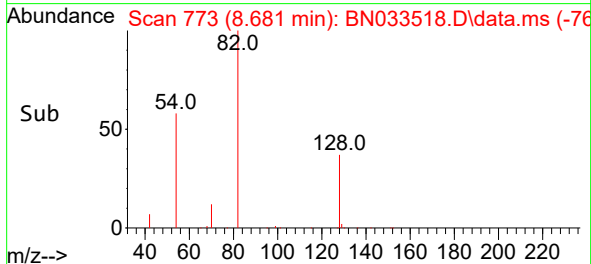
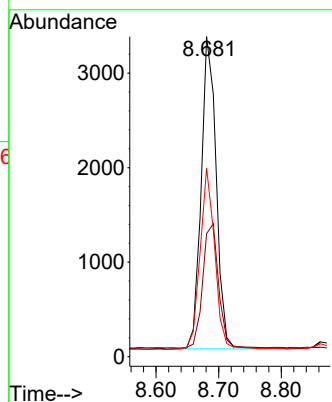
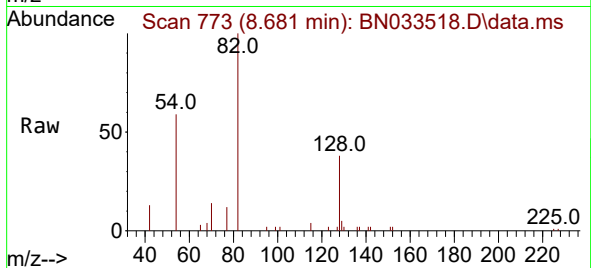




#8  
Nitrobenzene-d5  
Concen: 0.350 ng  
RT: 8.681 min Scan# 71  
Delta R.T. -0.011 min  
Lab File: BN033518.D  
Acq: 20 Aug 2024 22:29

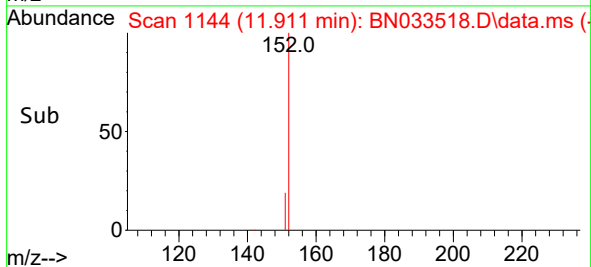
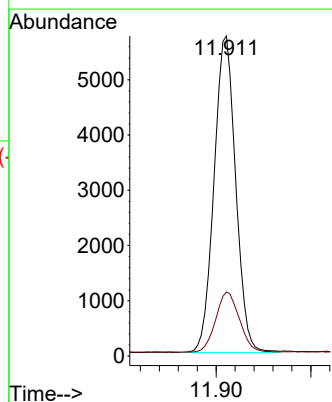
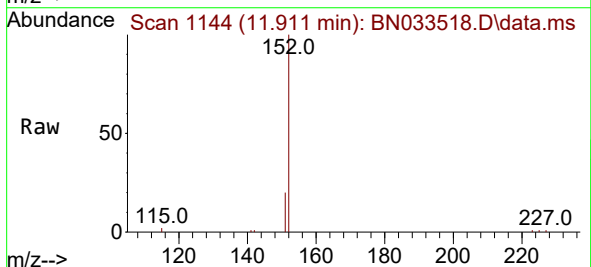
Instrument :  
BNA\_N  
ClientSampleId :  
SP-100-20240816

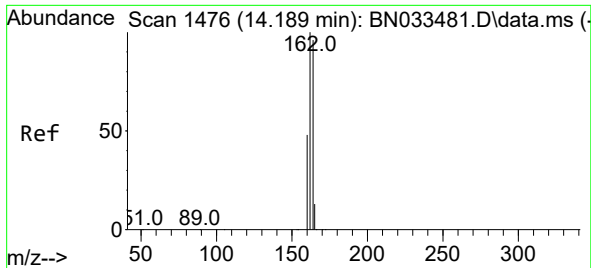
Tgt Ion: 82 Resp: 5510  
Ion Ratio Lower Upper  
82 100  
128 38.5 36.0 54.0  
54 58.9 42.0 63.0



#11  
2-Methylnaphthalene-d10  
Concen: 0.334 ng  
RT: 11.911 min Scan# 1144  
Delta R.T. -0.004 min  
Lab File: BN033518.D  
Acq: 20 Aug 2024 22:29

Tgt Ion: 152 Resp: 9087  
Ion Ratio Lower Upper  
152 100  
151 20.8 16.6 25.0

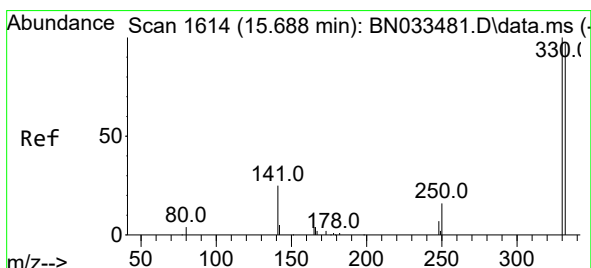
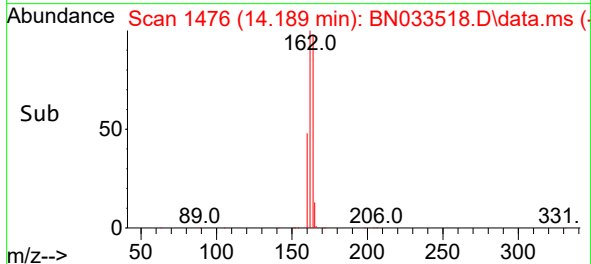
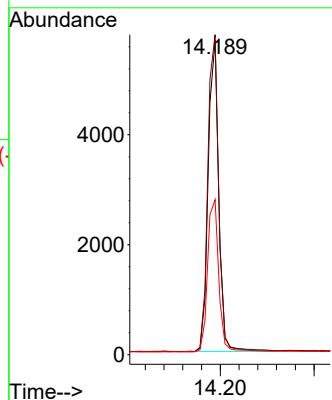
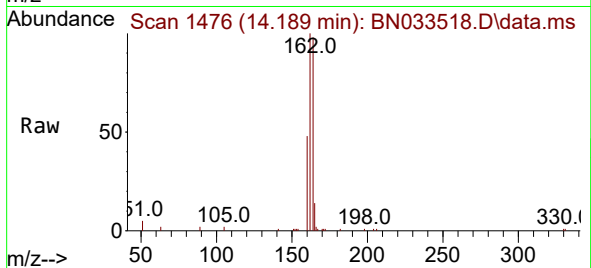




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.189 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: BN033518.D  
Acq: 20 Aug 2024 22:29

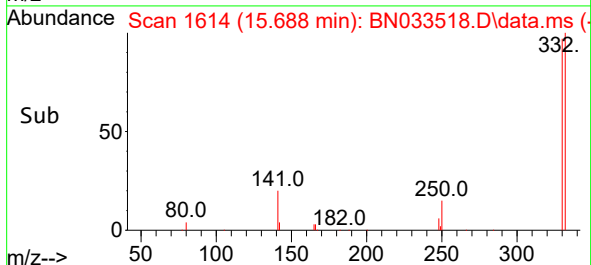
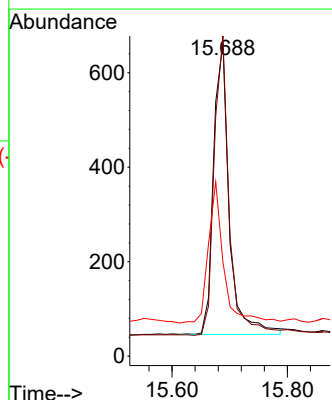
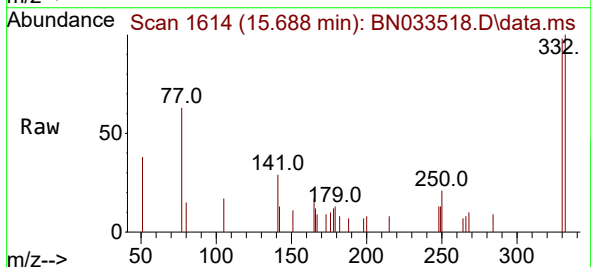
Instrument :  
BNA\_N  
ClientSampleId :  
SP-100-20240816

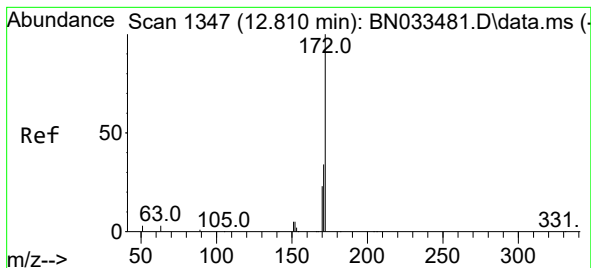
Tgt Ion:164 Resp: 8809  
Ion Ratio Lower Upper  
164 100  
162 101.8 83.5 125.3  
160 49.3 40.2 60.4



#14  
2,4,6-Tribromophenol  
Concen: 0.246 ng  
RT: 15.688 min Scan# 1614  
Delta R.T. 0.000 min  
Lab File: BN033518.D  
Acq: 20 Aug 2024 22:29

Tgt Ion:330 Resp: 1165  
Ion Ratio Lower Upper  
330 100  
332 98.7 77.5 116.3  
141 47.0 33.9 50.9

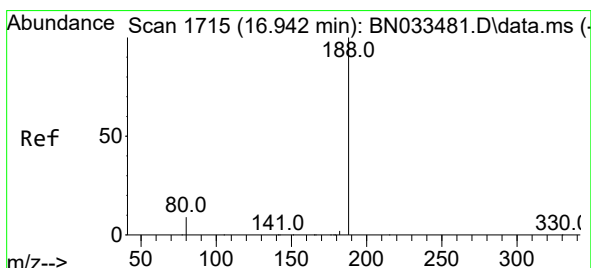
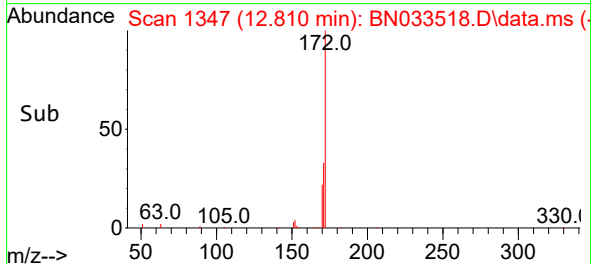
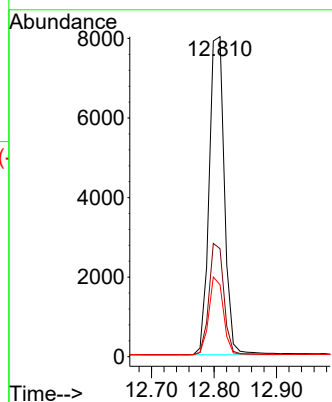
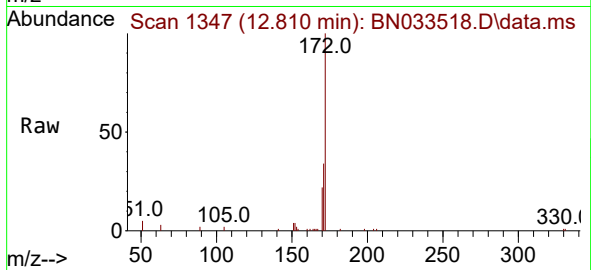




#15  
2-Fluorobiphenyl  
Concen: 0.377 ng  
RT: 12.810 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN033518.D  
Acq: 20 Aug 2024 22:29

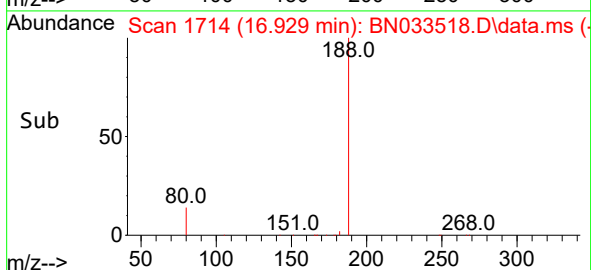
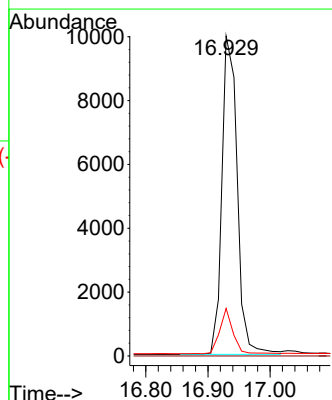
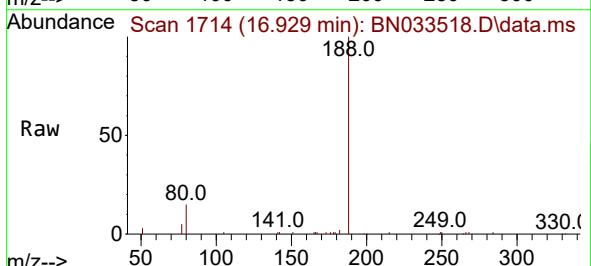
Instrument :  
BNA\_N  
ClientSampleId :  
SP-100-20240816

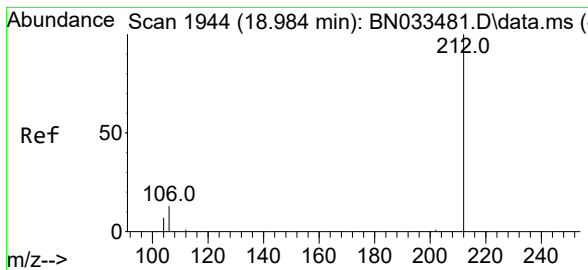
Tgt Ion:172 Resp: 13572  
Ion Ratio Lower Upper  
172 100  
171 33.8 27.7 41.5  
170 22.5 18.3 27.5



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.929 min Scan# 1714  
Delta R.T. -0.012 min  
Lab File: BN033518.D  
Acq: 20 Aug 2024 22:29

Tgt Ion:188 Resp: 16987  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 14.9 7.8 11.8#

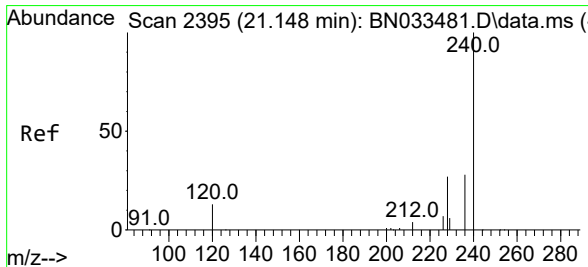
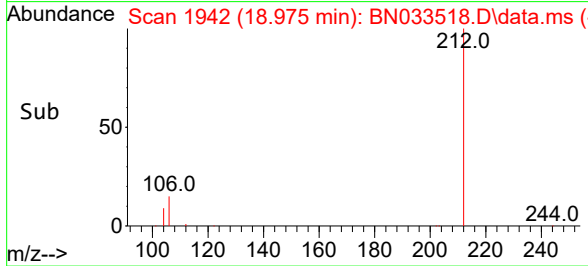
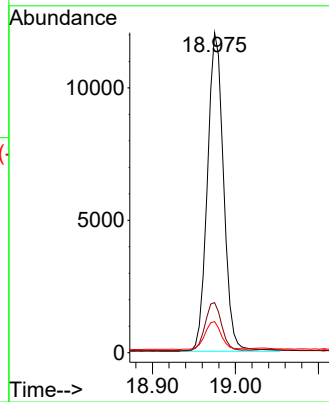
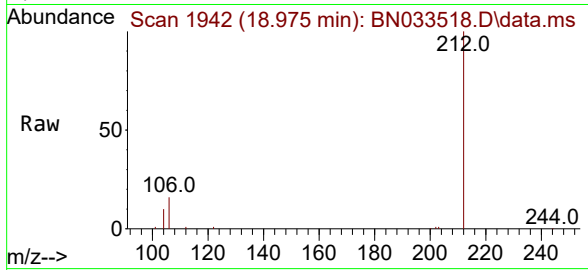




#27  
Fluoranthene-d10  
Concen: 0.400 ng  
RT: 18.975 min Scan# 1942  
Delta R.T. -0.009 min  
Lab File: BN033518.D  
Acq: 20 Aug 2024 22:29

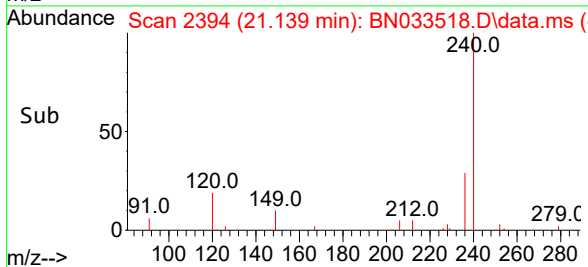
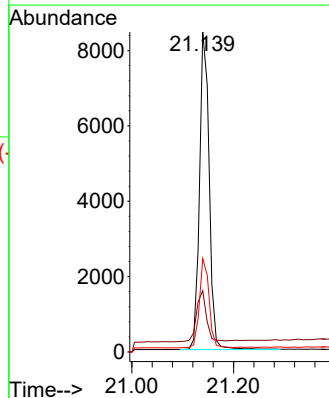
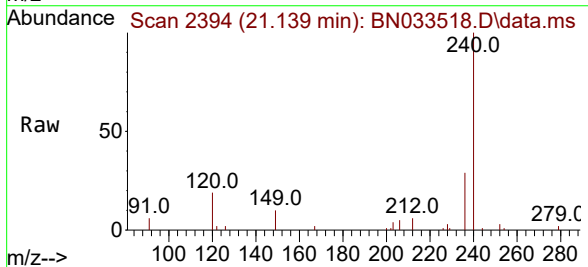
Instrument :  
BNA\_N  
ClientSampleId :  
SP-100-20240816

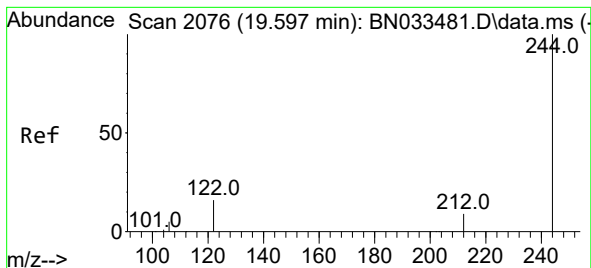
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:212 | Resp: | 16334     |
| Ion Ratio   | Lower | Upper     |
| 212         | 100   |           |
| 106         | 15.3  | 12.3 18.5 |
| 104         | 8.9   | 7.0 10.4  |



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.139 min Scan# 2394  
Delta R.T. -0.009 min  
Lab File: BN033518.D  
Acq: 20 Aug 2024 22:29

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:240 | Resp: | 11144      |
| Ion Ratio   | Lower | Upper      |
| 240         | 100   |            |
| 120         | 19.1  | 12.4 18.6# |
| 236         | 29.1  | 23.0 34.6  |





#31

Terphenyl-d14

Concen: 0.594 ng

RT: 19.593 min Scan# 2075

Delta R.T. -0.005 min

Lab File: BN033518.D

Acq: 20 Aug 2024 22:29

Instrument :

BNA\_N

ClientSampleId :

SP-100-20240816

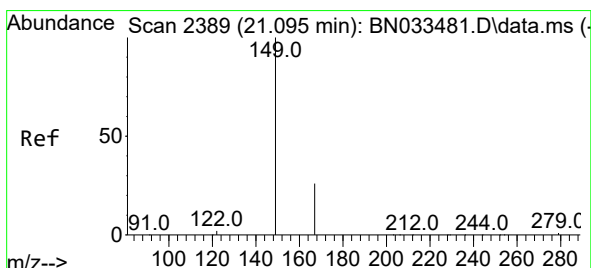
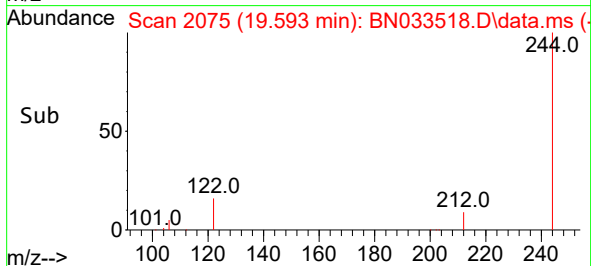
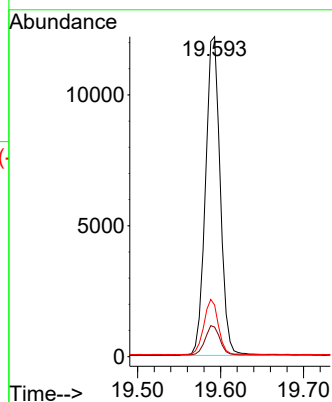
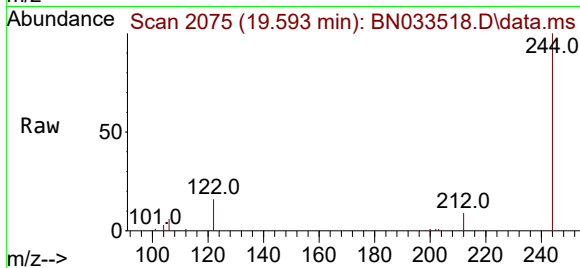
Tgt Ion:244 Resp: 15049

Ion Ratio Lower Upper

244 100

212 9.3 7.8 11.6

122 16.1 13.3 19.9



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.292 ng

RT: 21.086 min Scan# 2388

Delta R.T. -0.009 min

Lab File: BN033518.D

Acq: 20 Aug 2024 22:29

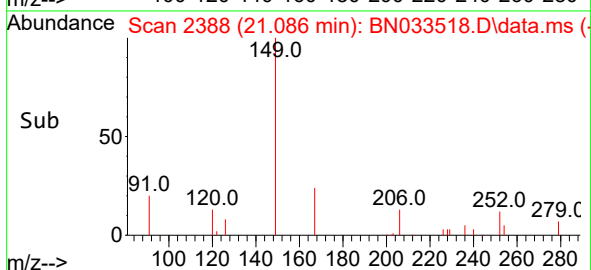
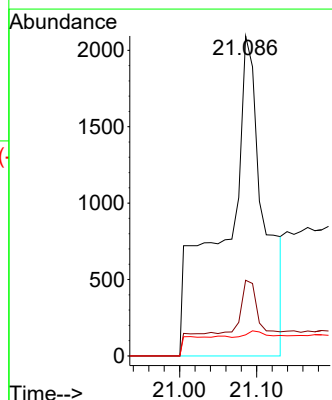
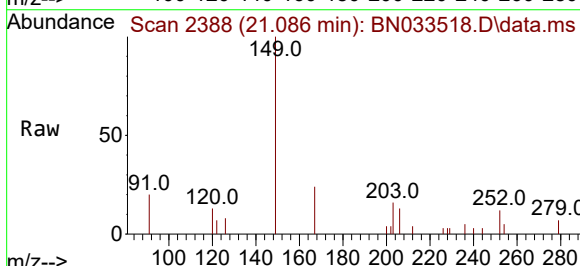
Tgt Ion:149 Resp: 7438

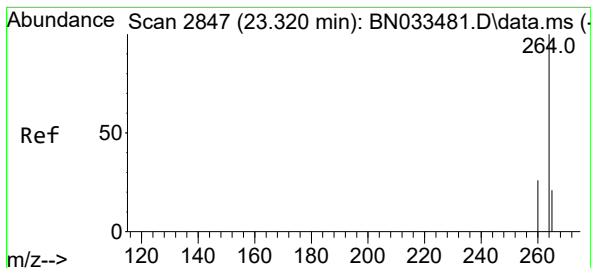
Ion Ratio Lower Upper

149 100

167 21.6 21.5 32.3

279 0.8 2.2 3.2#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.312 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN033518.D

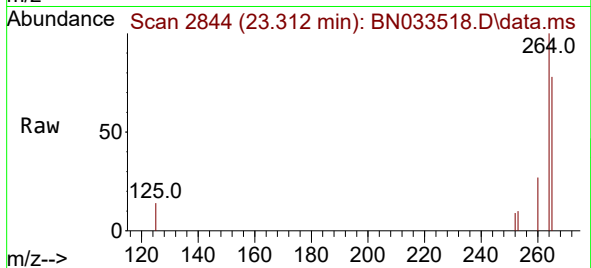
Acq: 20 Aug 2024 22:29

Instrument :

BNA\_N

ClientSampleId :

SP-100-20240816



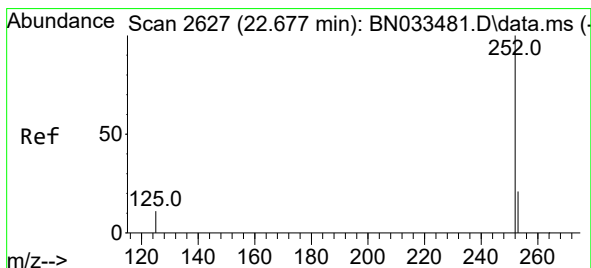
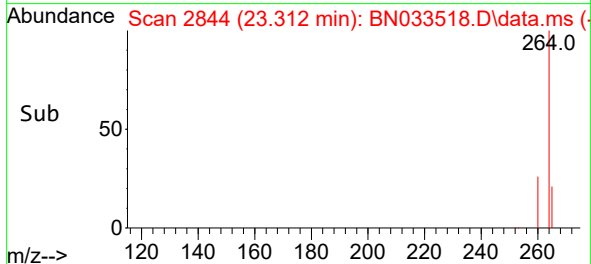
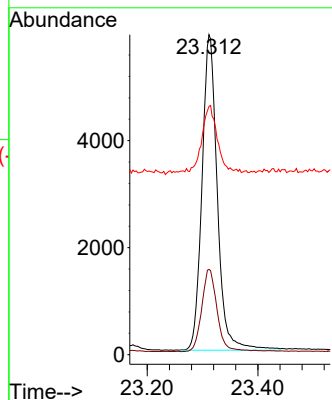
Tgt Ion:264 Resp: 11324

Ion Ratio Lower Upper

264 100

260 26.7 20.8 31.2

265 77.6 52.2 78.2



#37

Benzo(b)fluoranthene

Concen: 0.022 ng

RT: 22.665 min Scan# 2623

Delta R.T. -0.012 min

Lab File: BN033518.D

Acq: 20 Aug 2024 22:29

Tgt Ion:252 Resp: 918

Ion Ratio Lower Upper

252 100

253 69.1 19.8 29.8#

125 85.9 13.9 20.9#

