

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN060424\  
 Data File : BN031775.D  
 Acq On : 04 Jun 2024 13:57  
 Operator : MA/JU  
 Sample : P2694-01  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-18B-57.5-053124

Quant Time: Jun 04 15:04:18 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN050924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 10 02:12:24 2024  
 Response via : Initial Calibration

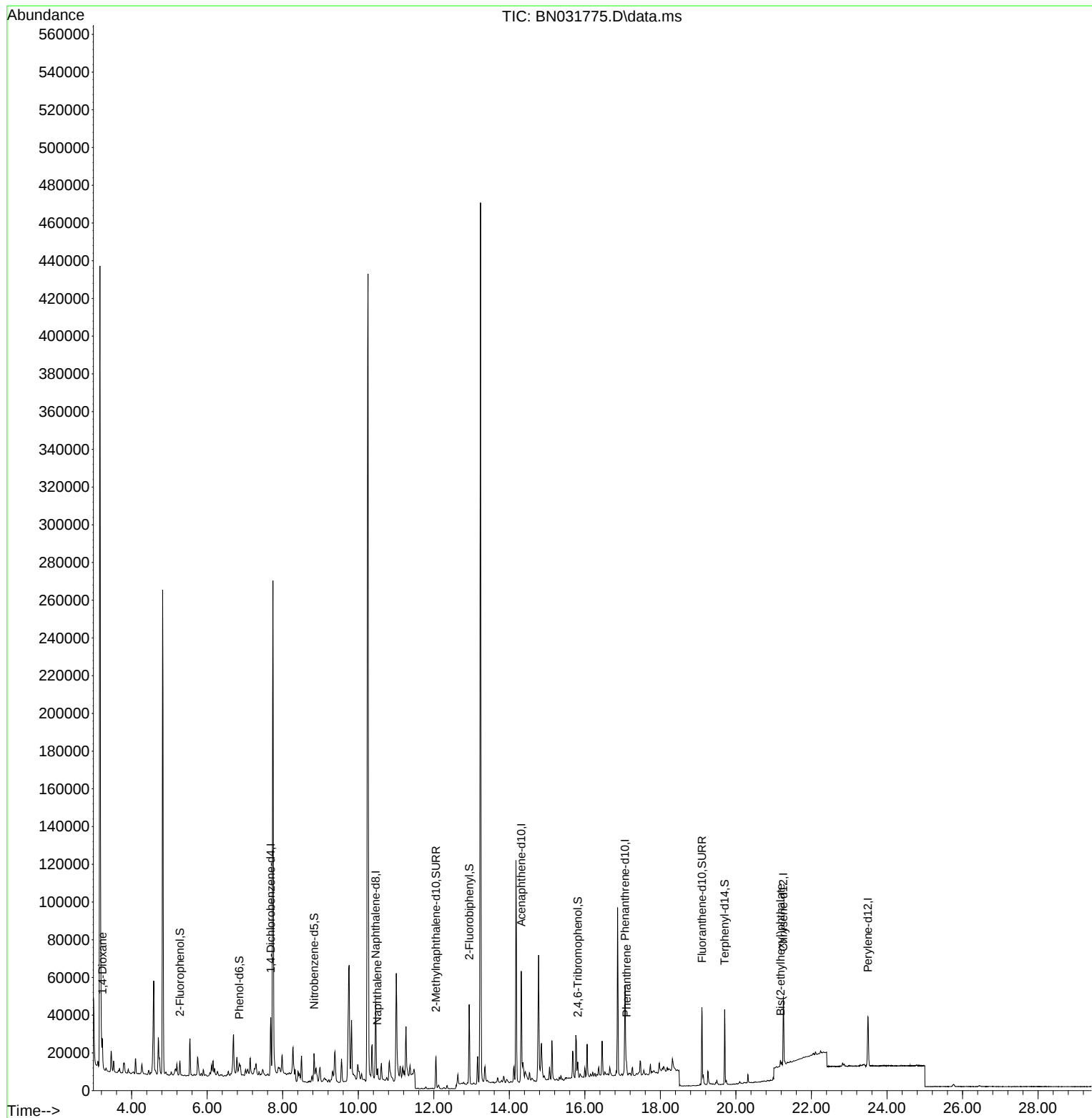
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.682  | 152  | 14728    | 0.400 | ng    | -0.04    |
| 7) Naphthalene-d8             | 10.464 | 136  | 53272    | 0.400 | ng    | #-0.03   |
| 13) Acenaphthene-d10          | 14.317 | 164  | 31797    | 0.400 | ng    | -0.03    |
| 19) Phenanthrene-d10          | 17.066 | 188  | 60392    | 0.400 | ng    | -0.03    |
| 29) Chrysene-d12              | 21.256 | 240  | 34051    | 0.400 | ng    | #-0.02   |
| 35) Perylene-d12              | 23.496 | 264  | 33659    | 0.400 | ng    | #-0.02   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.277  | 112  | 5782     | 0.138 | ng    | -0.02    |
| 5) Phenol-d6                  | 6.851  | 99   | 5358     | 0.095 | ng    | -0.02    |
| 8) Nitrobenzene-d5            | 8.830  | 82   | 12968    | 0.339 | ng    | -0.03    |
| 11) 2-Methylnaphthalene-d10   | 12.058 | 152  | 22399    | 0.261 | ng    | -0.03    |
| 14) 2,4,6-Tribromophenol      | 15.812 | 330  | 4253     | 0.352 | ng    | -0.03    |
| 15) 2-Fluorobiphenyl          | 12.938 | 172  | 35423    | 0.289 | ng    | -0.04    |
| 27) Fluoranthene-d10          | 19.100 | 212  | 44470    | 0.265 | ng    | -0.02    |
| 31) Terphenyl-d14             | 19.704 | 244  | 36482    | 0.438 | ng    | -0.03    |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.226  | 88   | 9513     | 0.525 | ng    | # 93     |
| 9) Naphthalene                | 10.506 | 128  | 5872     | 0.040 | ng    | # 86     |
| 25) Phenanthrene              | 17.103 | 178  | 5205     | 0.031 | ng    | 97       |
| 34) Bis(2-ethylhexyl)phtha... | 21.184 | 149  | 3753     | 0.049 | ng    | 91       |
| -----                         |        |      |          |       |       |          |

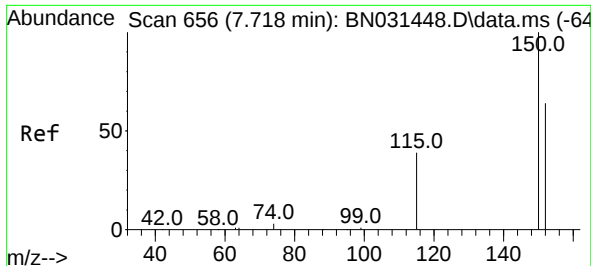
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN060424\  
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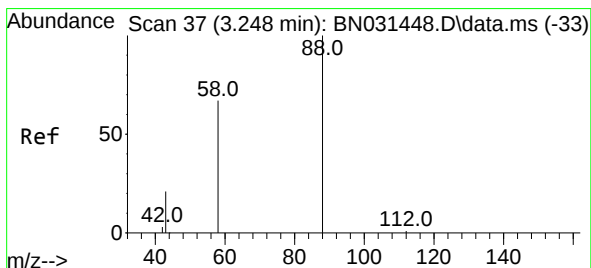
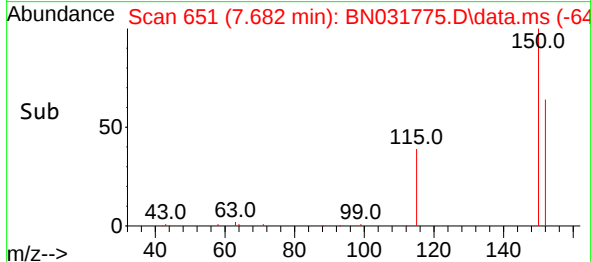
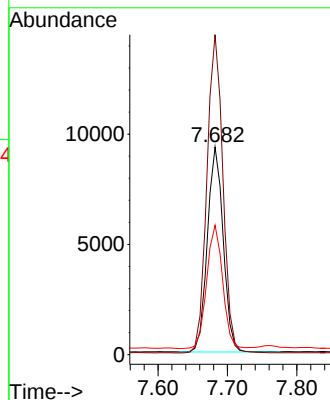
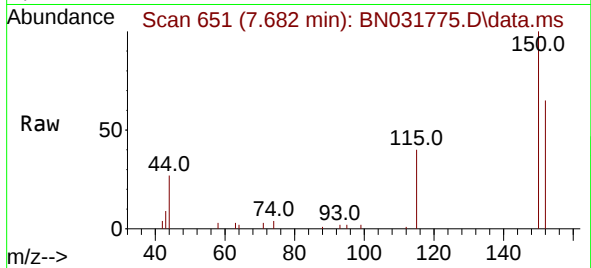




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.682 min Scan# 61  
Delta R.T. -0.036 min  
Lab File: BN031775.D  
Acq: 04 Jun 2024 13:57

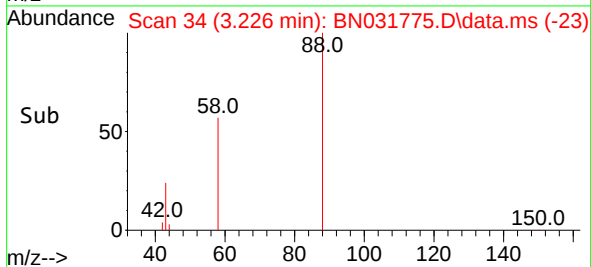
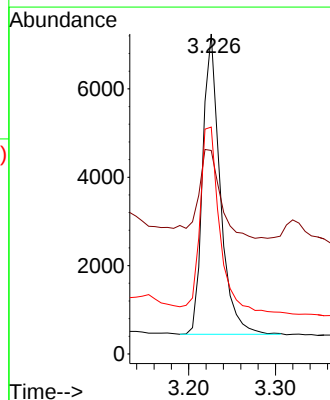
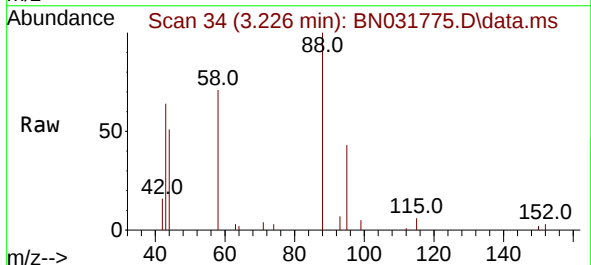
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BNA\_N  
ClientSampleId :  
MW-18B-57.5-053124

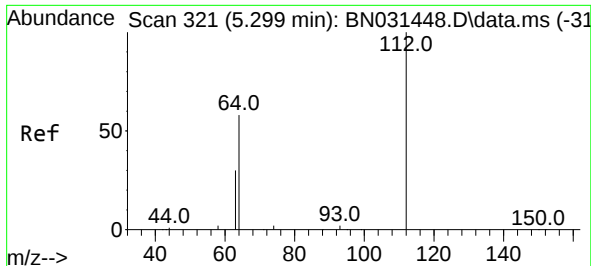
Tgt Ion:152 Resp: 14728  
Ion Ratio Lower Upper  
152 100  
150 154.1 119.3 178.9  
115 62.3 54.8 82.2



#2  
1,4-Dioxane  
Concen: 0.525 ng  
RT: 3.226 min Scan# 34  
Delta R.T. -0.022 min  
Lab File: BN031775.D  
Acq: 04 Jun 2024 13:57

Tgt Ion: 88 Resp: 9513  
Ion Ratio Lower Upper  
88 100  
43 37.8 39.0 58.6#  
58 68.8 54.9 82.3

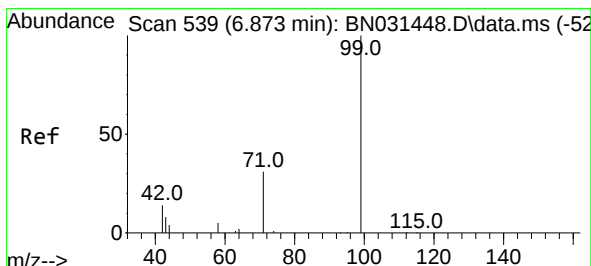
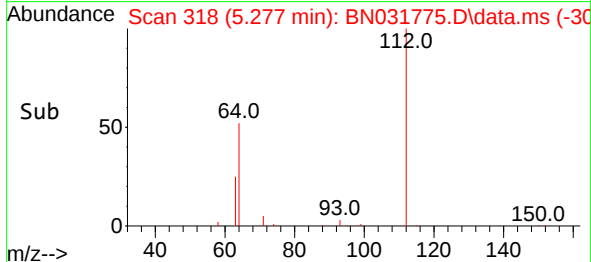
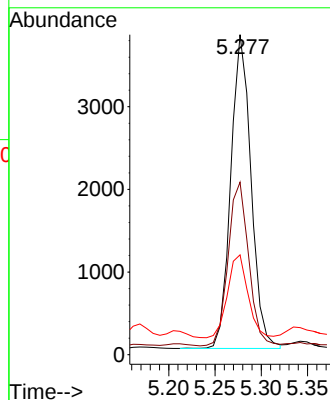
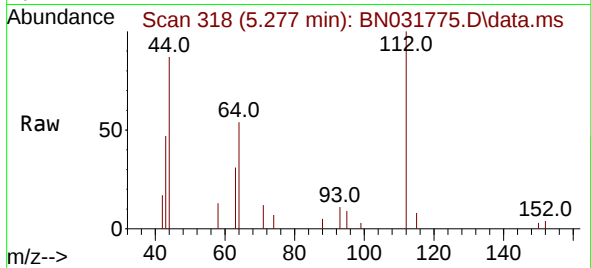




#4  
2-Fluorophenol  
Concen: 0.138 ng  
RT: 5.277 min Scan# 31  
Delta R.T. -0.022 min  
Lab File: BN031775.D  
Acq: 04 Jun 2024 13:57

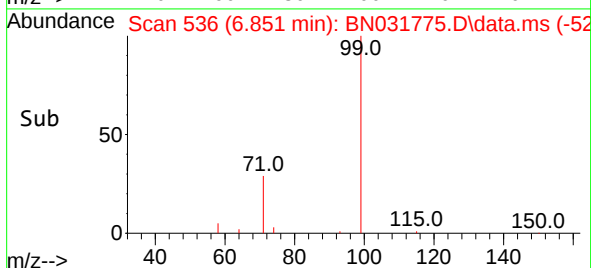
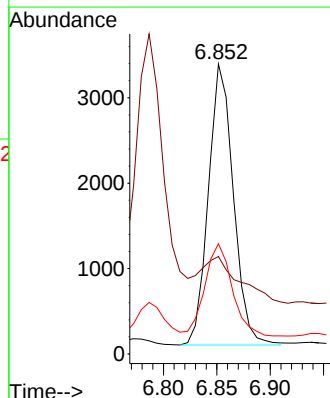
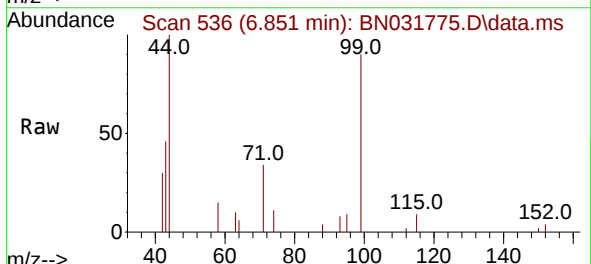
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MW-18B-57.5-053124

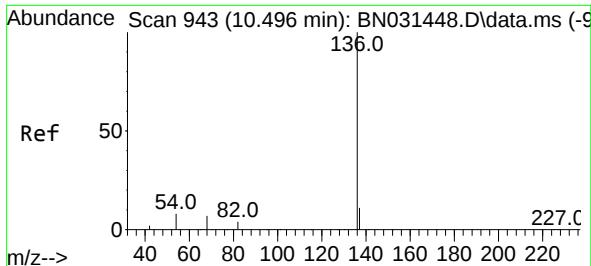
Tgt Ion:112 Resp: 5782  
Ion Ratio Lower Upper  
112 100  
64 52.9 44.0 66.0  
63 26.6 22.2 33.4



#5  
Phenol-d6  
Concen: 0.095 ng  
RT: 6.851 min Scan# 536  
Delta R.T. -0.022 min  
Lab File: BN031775.D  
Acq: 04 Jun 2024 13:57

Tgt Ion: 99 Resp: 5358  
Ion Ratio Lower Upper  
99 100  
42 24.8 13.5 20.3#  
71 35.9 26.1 39.1

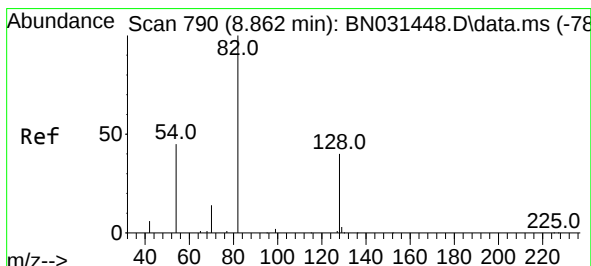
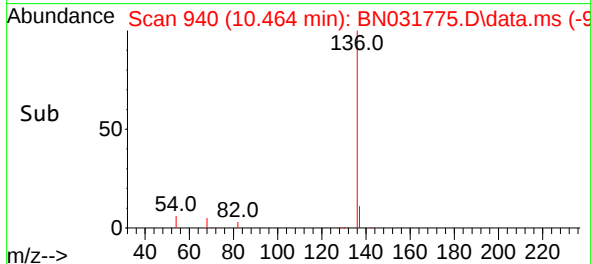
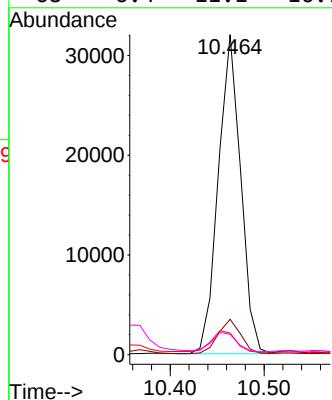
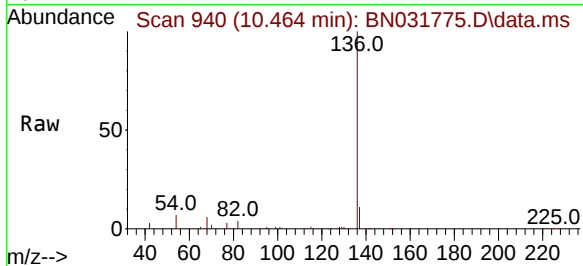




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.464 min Scan# 94  
Delta R.T. -0.032 min  
Lab File: BN031775.D  
Acq: 04 Jun 2024 13:57

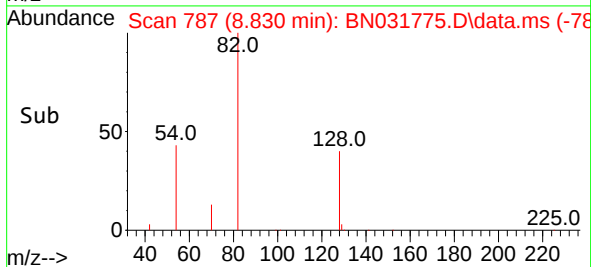
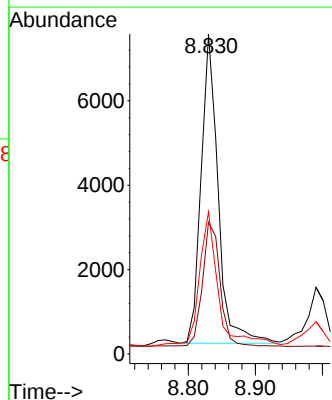
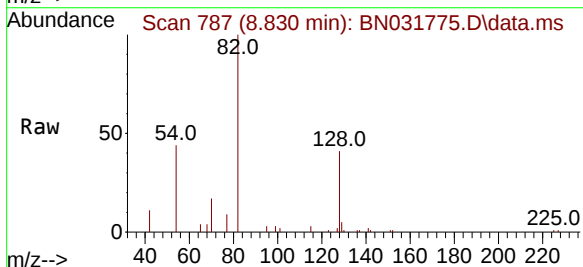
Instrument :  
BNA\_N  
ClientSampleId :  
MW-18B-57.5-053124

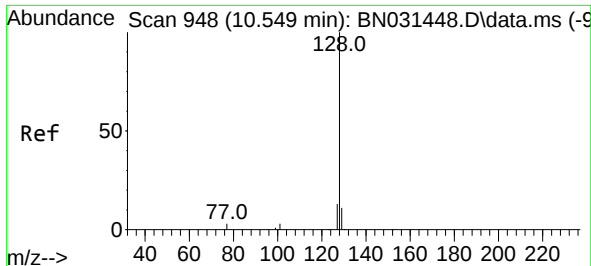
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:136 | Resp: | 53272      |
| Ion Ratio   | Lower | Upper      |
| 136         | 100   |            |
| 137         | 11.1  | 10.1 15.1  |
| 54          | 6.8   | 10.5 15.7# |
| 68          | 6.4   | 11.1 16.7# |



#8  
Nitrobenzene-d5  
Concen: 0.339 ng  
RT: 8.830 min Scan# 787  
Delta R.T. -0.032 min  
Lab File: BN031775.D  
Acq: 04 Jun 2024 13:57

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 82 | Resp: | 12968     |
| Ion Ratio   | Lower | Upper     |
| 82          | 100   |           |
| 128         | 41.2  | 29.0 43.6 |
| 54          | 44.4  | 37.2 55.8 |

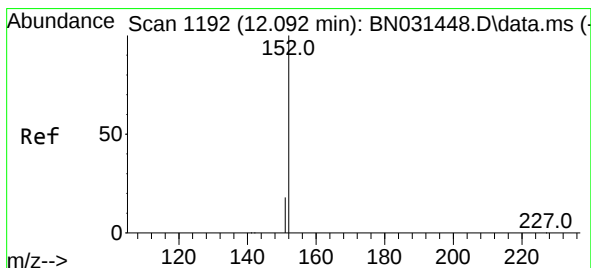
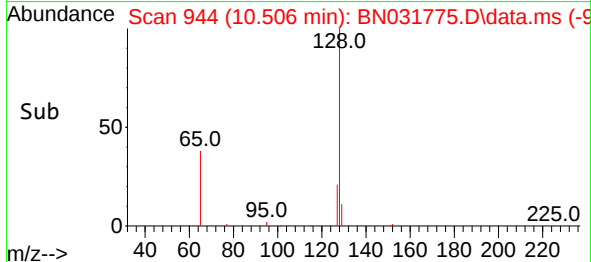
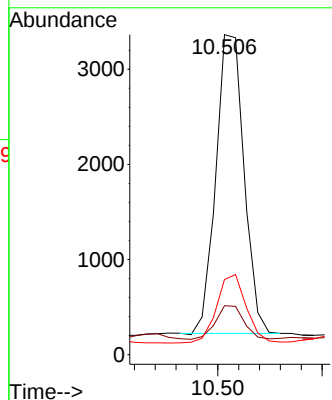
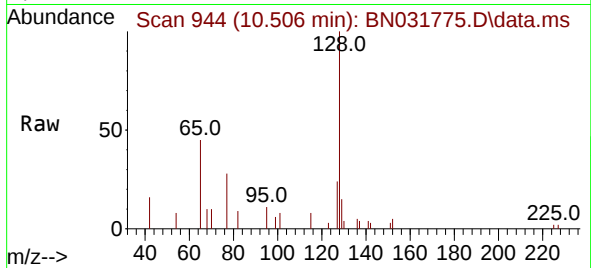




#9  
Naphthalene  
Concen: 0.040 ng  
RT: 10.506 min Scan# 94  
Delta R.T. -0.043 min  
Lab File: BN031775.D  
Acq: 04 Jun 2024 13:57

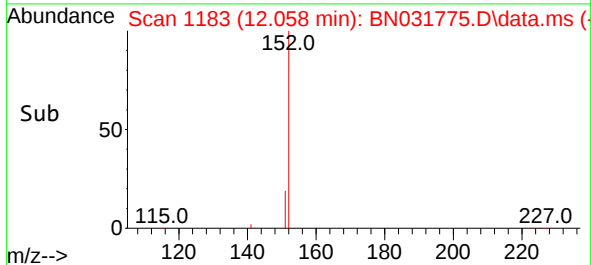
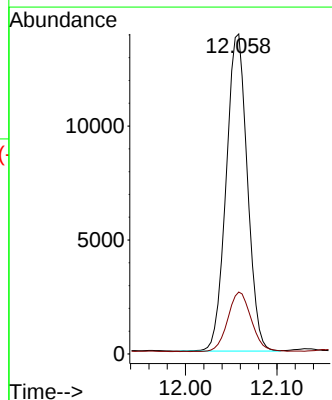
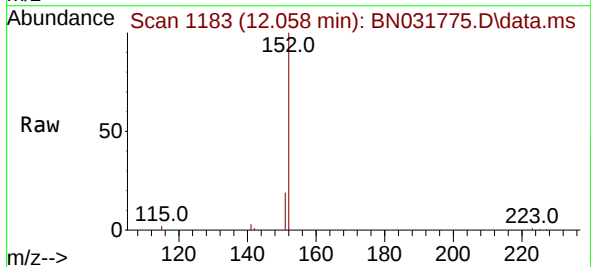
Instrument :  
BNA\_N  
ClientSampleId :  
MW-18B-57.5-053124

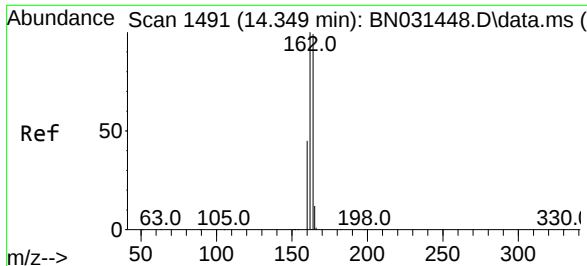
Tgt Ion:128 Resp: 5872  
Ion Ratio Lower Upper  
128 100  
129 15.3 10.2 15.4  
127 23.5 11.7 17.5#



#11  
2-Methylnaphthalene-d10  
Concen: 0.261 ng  
RT: 12.058 min Scan# 1183  
Delta R.T. -0.034 min  
Lab File: BN031775.D  
Acq: 04 Jun 2024 13:57

Tgt Ion:152 Resp: 22399  
Ion Ratio Lower Upper  
152 100  
151 20.8 16.6 25.0

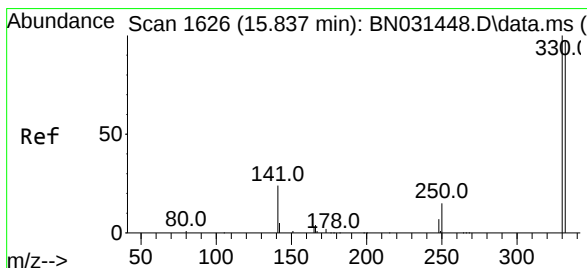
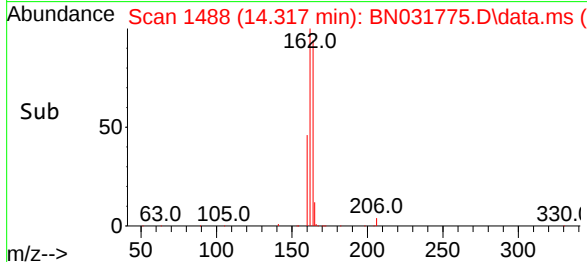
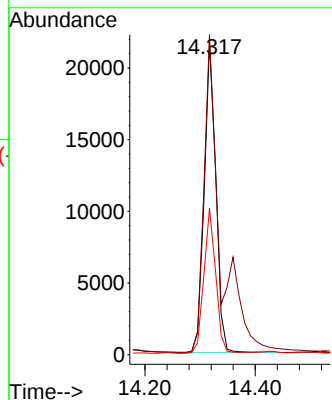
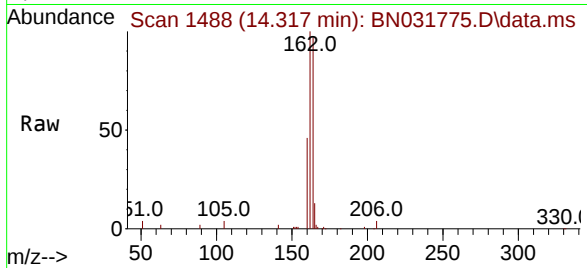




#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.317 min Scan# 14  
 Delta R.T. -0.032 min  
 Lab File: BN031775.D  
 Acq: 04 Jun 2024 13:57

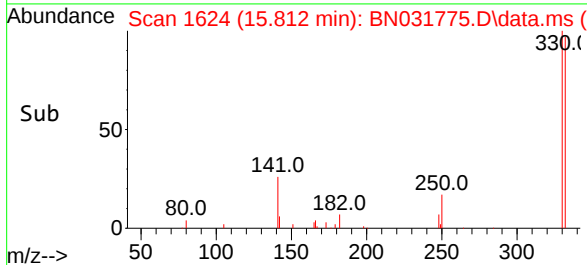
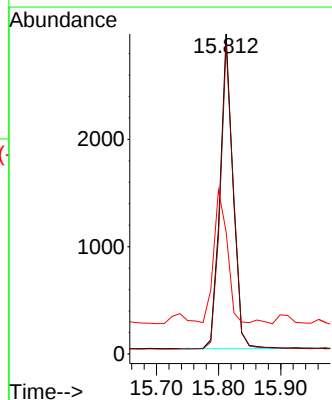
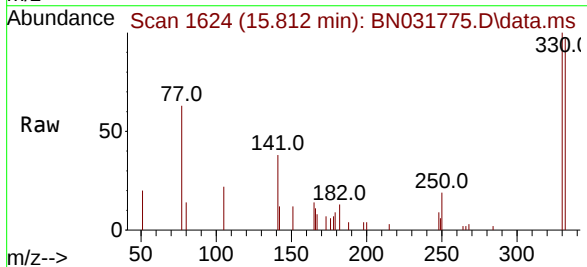
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-18B-57.5-053124

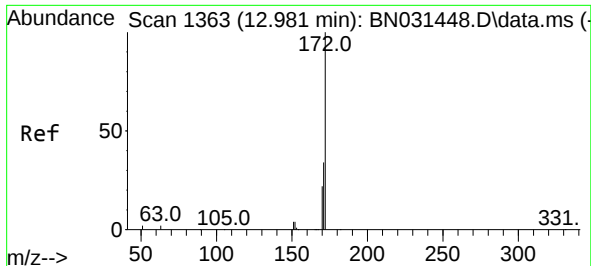
Tgt Ion:164 Resp: 31797  
 Ion Ratio Lower Upper  
 164 100  
 162 102.7 81.2 121.8  
 160 47.1 37.0 55.6



#14  
 2,4,6-Tribromophenol  
 Concen: 0.352 ng  
 RT: 15.812 min Scan# 1624  
 Delta R.T. -0.025 min  
 Lab File: BN031775.D  
 Acq: 04 Jun 2024 13:57

Tgt Ion:330 Resp: 4253  
 Ion Ratio Lower Upper  
 330 100  
 332 97.9 76.6 114.8  
 141 43.5 37.0 55.4





#15

2-Fluorobiphenyl

Concen: 0.289 ng

RT: 12.938 min Scan# 1359

Delta R.T. -0.043 min

Lab File: BN031775.D

Acq: 04 Jun 2024 13:57

Instrument :

BNA\_N

ClientSampleId :

MW-18B-57.5-053124

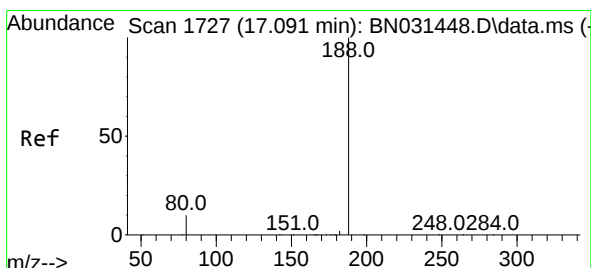
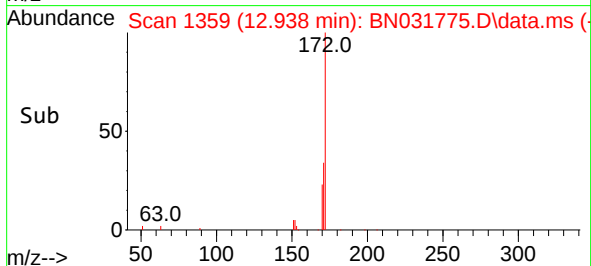
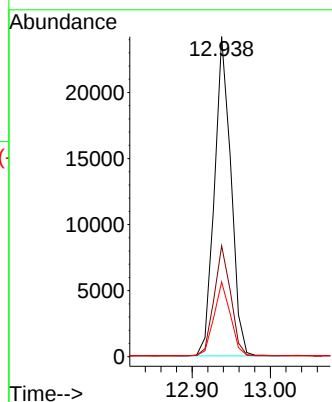
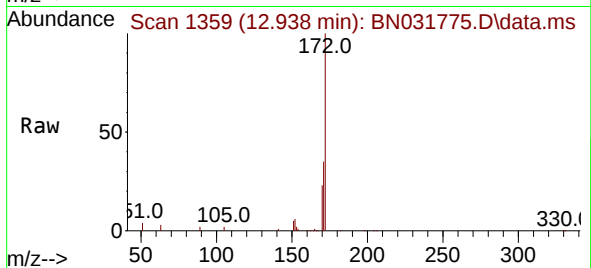
Tgt Ion:172 Resp: 35423

Ion Ratio Lower Upper

172 100

171 34.7 27.8 41.8

170 23.3 18.3 27.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.066 min Scan# 1725

Delta R.T. -0.025 min

Lab File: BN031775.D

Acq: 04 Jun 2024 13:57

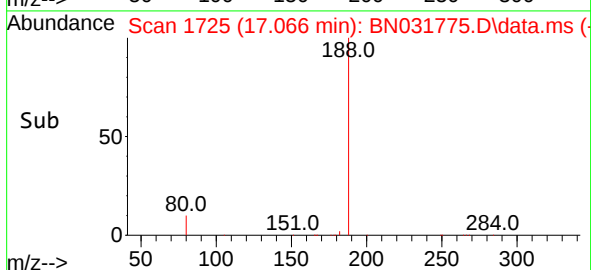
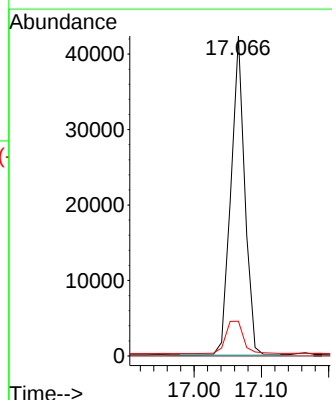
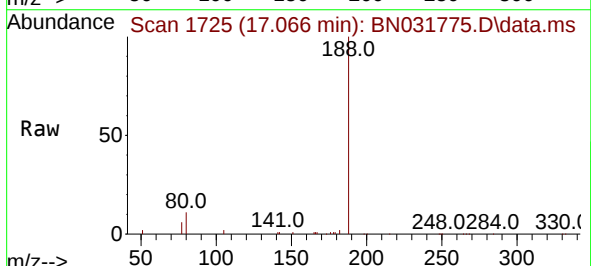
Tgt Ion:188 Resp: 60392

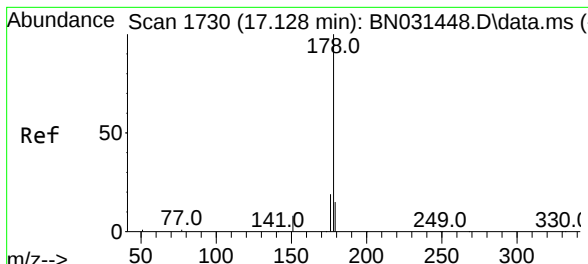
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.8 9.6 14.4

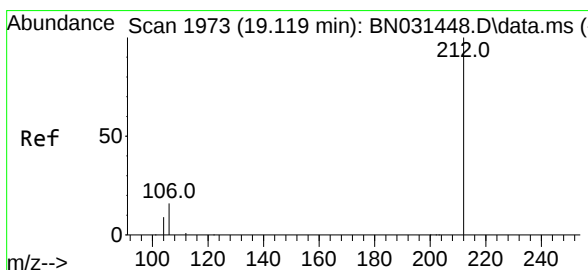
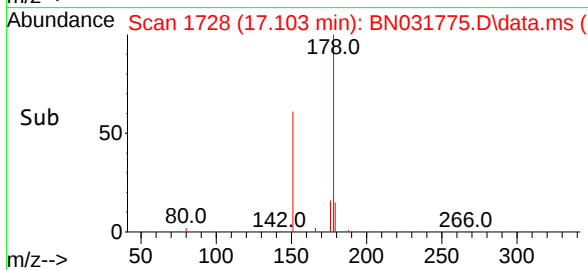
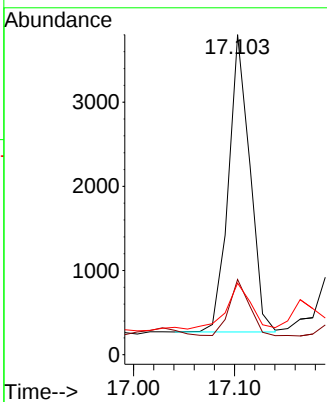
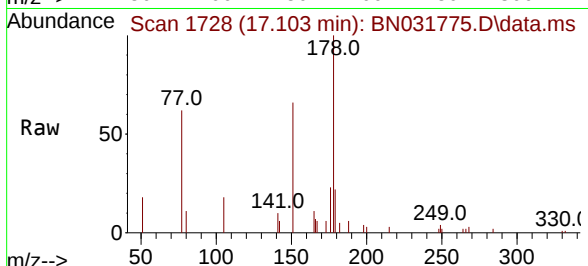




#25  
 Phenanthrene  
 Concen: 0.031 ng  
 RT: 17.103 min Scan# 1728  
 Delta R.T. -0.025 min  
 Lab File: BN031775.D  
 Acq: 04 Jun 2024 13:57

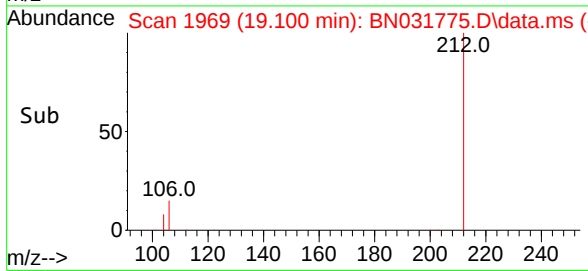
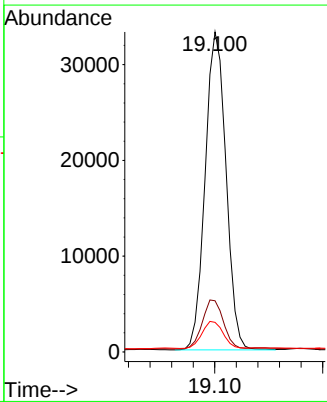
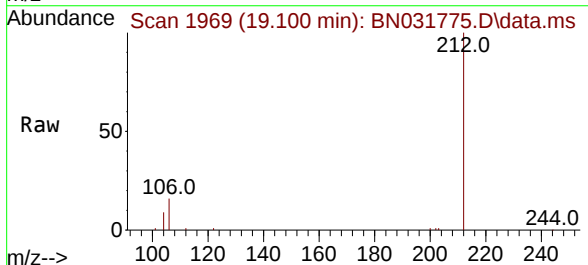
Instrument :  
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 MW-18B-57.5-053124

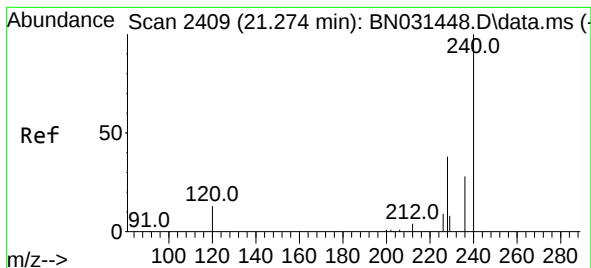
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 178   | Resp: | 5205 |
| Ion Ratio | Lower | Upper |      |
| 178       | 100   |       |      |
| 176       | 17.8  | 15.3  | 22.9 |
| 179       | 16.6  | 12.3  | 18.5 |



#27  
 Fluoranthene-d10  
 Concen: 0.265 ng  
 RT: 19.100 min Scan# 1969  
 Delta R.T. -0.019 min  
 Lab File: BN031775.D  
 Acq: 04 Jun 2024 13:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 212   | Resp: | 44470 |
| Ion Ratio | Lower | Upper |       |
| 212       | 100   |       |       |
| 106       | 15.6  | 12.0  | 18.0  |
| 104       | 8.8   | 6.9   | 10.3  |





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.256 min Scan# 2409

Delta R.T. -0.018 min

Lab File: BN031775.D

Acq: 04 Jun 2024 13:57

Instrument :

BNA\_N

ClientSampleId :

MW-18B-57.5-053124

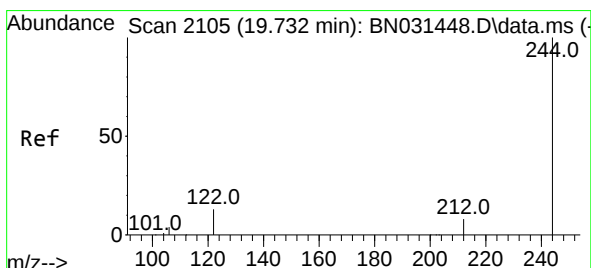
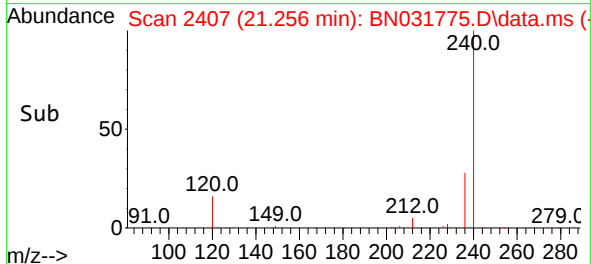
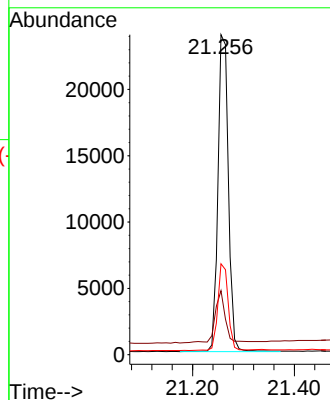
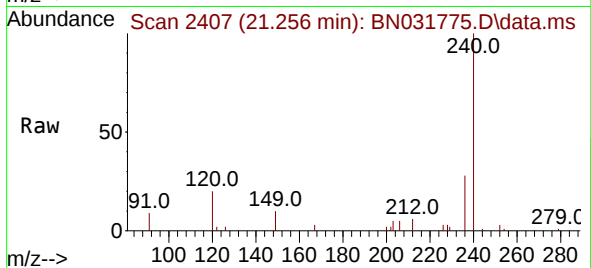
Tgt Ion:240 Resp: 34051

Ion Ratio Lower Upper

240 100

120 20.0 11.4 17.2#

236 28.4 22.2 33.4



#31

Terphenyl-d14

Concen: 0.438 ng

RT: 19.704 min Scan# 2099

Delta R.T. -0.028 min

Lab File: BN031775.D

Acq: 04 Jun 2024 13:57

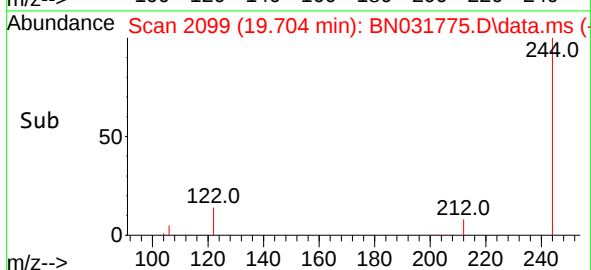
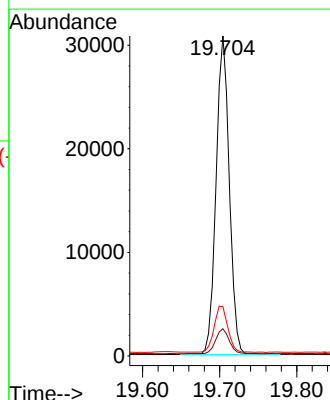
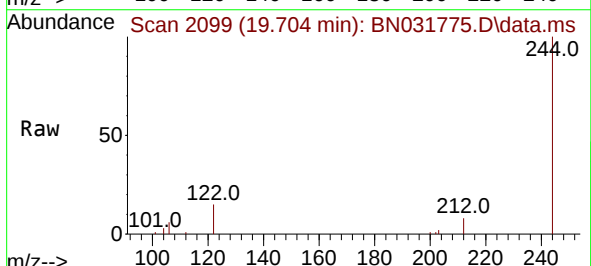
Tgt Ion:244 Resp: 36482

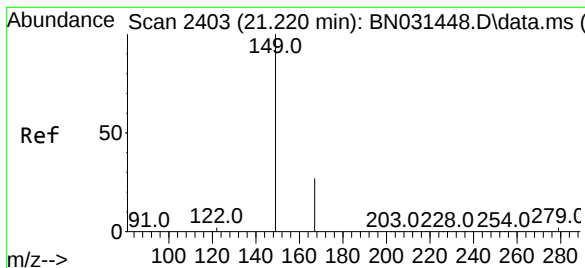
Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

122 15.4 11.4 17.2





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.049 ng

RT: 21.184 min Scan# 21

Delta R.T. -0.036 min

Lab File: BN031775.D

Acq: 04 Jun 2024 13:57

Instrument :

BNA\_N

ClientSampleId :

MW-18B-57.5-053124

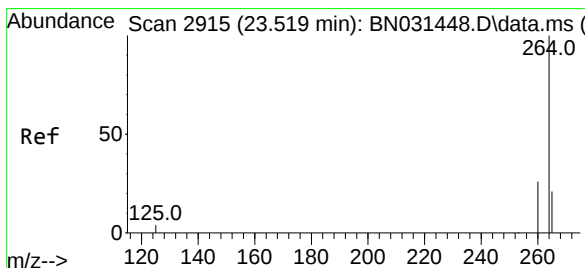
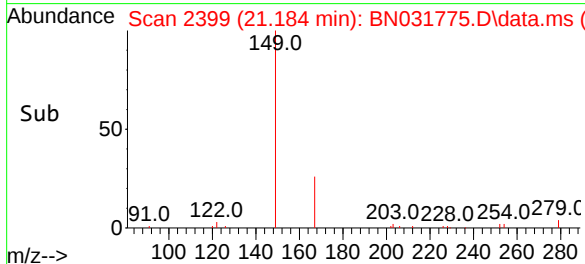
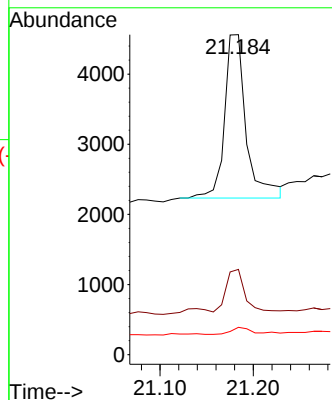
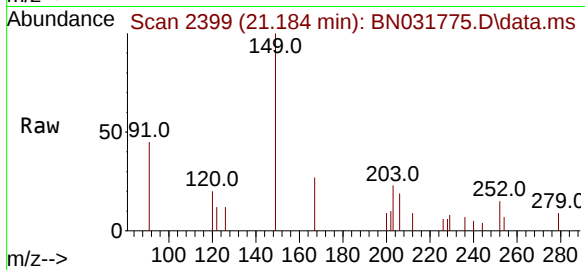
Tgt Ion:149 Resp: 3753

Ion Ratio Lower Upper

149 100

167 22.2 22.1 33.1

279 3.8 2.7 4.1



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.496 min Scan# 2907

Delta R.T. -0.024 min

Lab File: BN031775.D

Acq: 04 Jun 2024 13:57

Tgt Ion:264 Resp: 33659

Ion Ratio Lower Upper

264 100

260 26.2 20.6 31.0

265 63.7 24.0 36.0#

