

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN022624\  
 Data File : BN030071.D  
 Acq On : 27 Feb 2024 00:14  
 Operator : MA/JU  
 Sample : P1578-01  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT161S1-20240221

Quant Time: Feb 27 00:42:29 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN012924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 26 02:39:45 2024  
 Response via : Initial Calibration

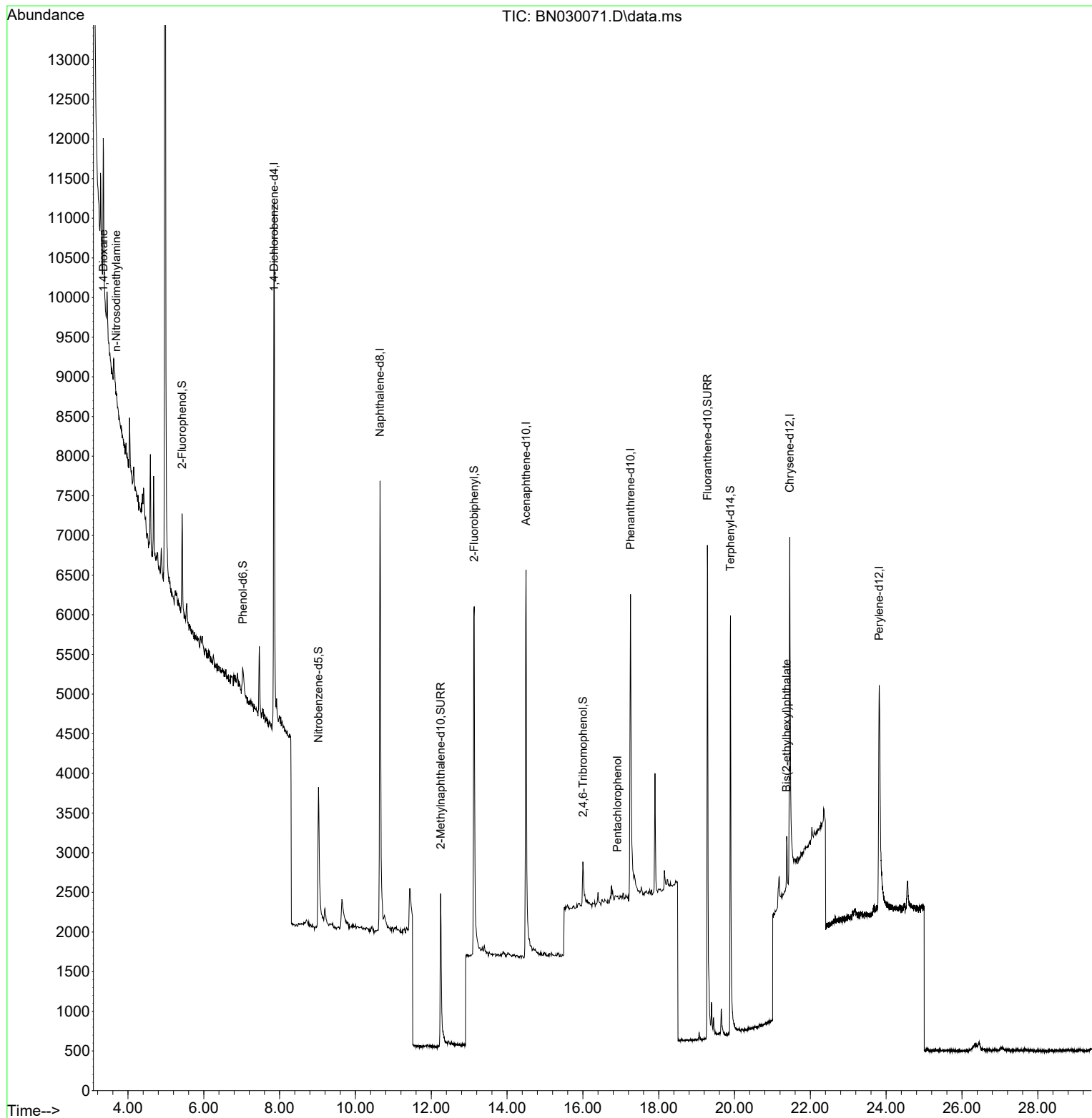
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.854  | 152  | 3575     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.648 | 136  | 9176     | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.500 | 164  | 3959     | 0.400 | ng    | 0.01     |
| 19) Phenanthrene-d10          | 17.255 | 188  | 8235     | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.456 | 240  | 6360     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.818 | 264  | 6274     | 0.400 | ng    | # 0.00   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.428  | 112  | 1048     | 0.122 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.031  | 99   | 551      | 0.056 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.025  | 82   | 2554     | 0.334 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 12.249 | 152  | 3748     | 0.300 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.002 | 330  | 472      | 0.372 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.132 | 172  | 5550     | 0.327 | ng    | 0.01     |
| 27) Fluoranthene-d10          | 19.285 | 212  | 8955     | 0.449 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.893 | 244  | 6722     | 0.426 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.355  | 88   | 1238     | 0.246 | ng    | # 53     |
| 3) n-Nitrosodimethylamine     | 3.694  | 42   | 120      | 0.029 | ng    | # 15     |
| 24) Pentachlorophenol         | 16.908 | 266  | 53       | 0.028 | ng    | # 45     |
| 34) Bis(2-ethylhexyl)phtha... | 21.375 | 149  | 871      | 0.059 | ng    | # 90     |
| -----                         |        |      |          |       |       |          |

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

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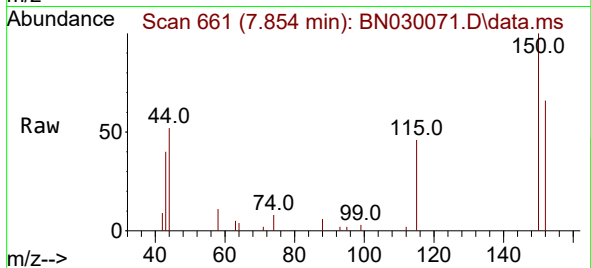
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Feb 26 02:39:45 2024  
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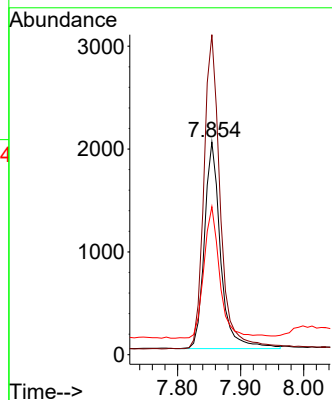
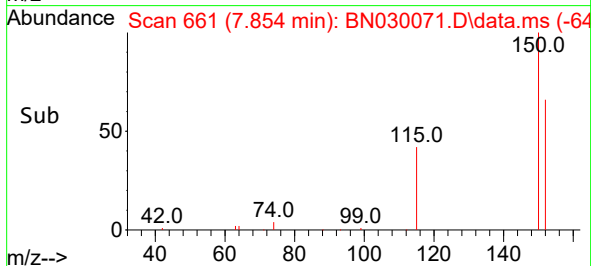


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.854 min Scan# 6  
 Delta R.T. 0.000 min  
 Lab File: BN030071.D  
 Acq: 27 Feb 2024 00:14

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT161S1-20240221

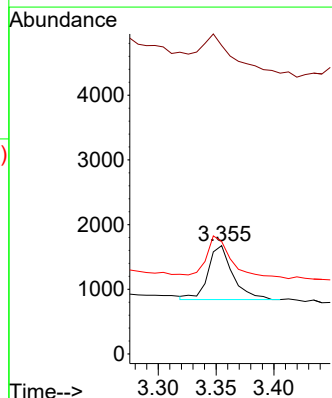
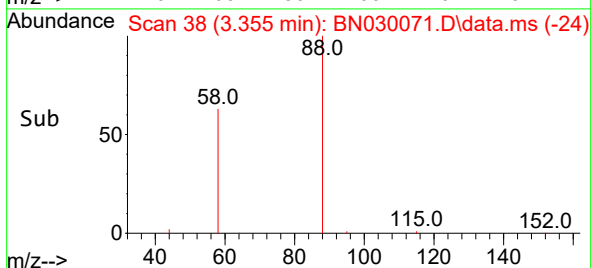
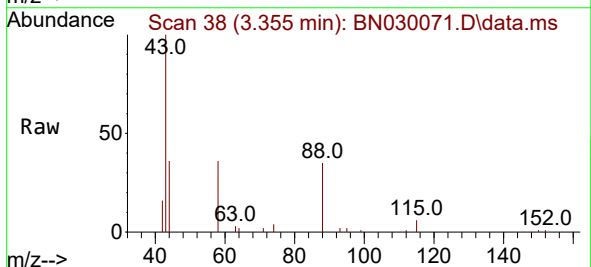


Tgt Ion: 152 Resp: 3575  
 Ion Ratio Lower Upper  
 152 100  
 150 150.5 123.0 184.4  
 115 69.6 51.4 77.0



#2  
 1,4-Dioxane  
 Concen: 0.246 ng  
 RT: 3.355 min Scan# 38  
 Delta R.T. -0.000 min  
 Lab File: BN030071.D  
 Acq: 27 Feb 2024 00:14

Tgt Ion: 88 Resp: 1238  
 Ion Ratio Lower Upper  
 88 100  
 43 91.8 23.3 34.9#  
 58 80.9 53.8 80.6#

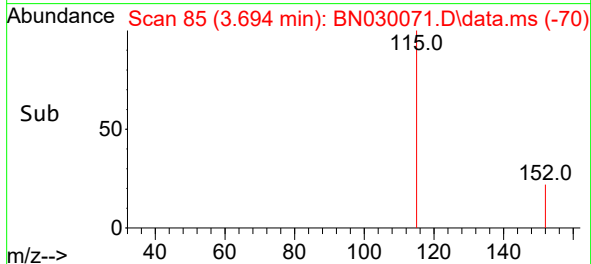
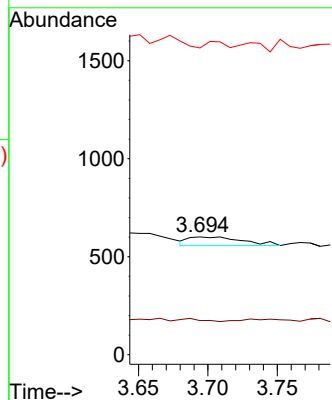
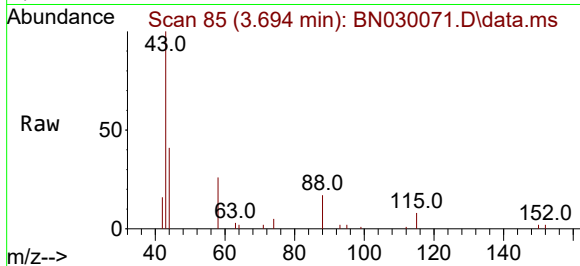




#3  
 n-Nitrosodimethylamine  
 Concen: 0.029 ng  
 RT: 3.694 min Scan# 81  
 Delta R.T. 0.007 min  
 Lab File: BN030071.D  
 Acq: 27 Feb 2024 00:14

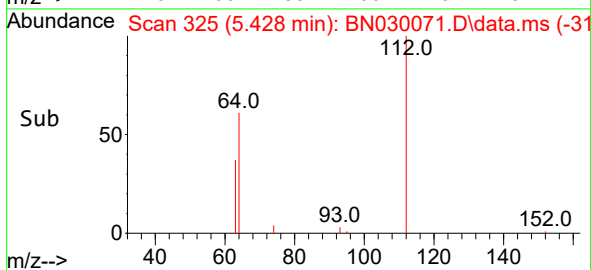
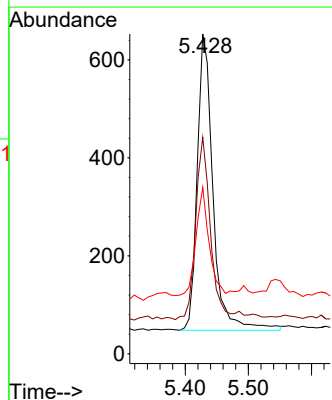
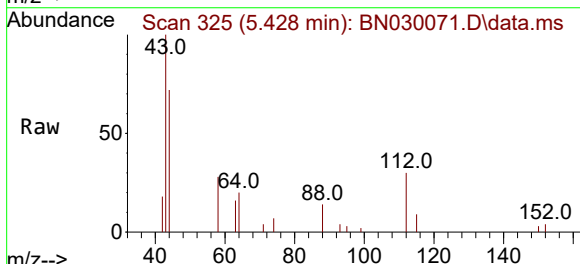
Instrument :  
 BNA\_N  
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 TT161S1-20240221

Tgt Ion: 42 Resp: 120  
 Ion Ratio Lower Upper  
 42 100  
 74 13.3 93.7 140.5#  
 44 24.2 13.0 19.4#



#4  
 2-Fluorophenol  
 Concen: 0.122 ng  
 RT: 5.428 min Scan# 325  
 Delta R.T. -0.000 min  
 Lab File: BN030071.D  
 Acq: 27 Feb 2024 00:14

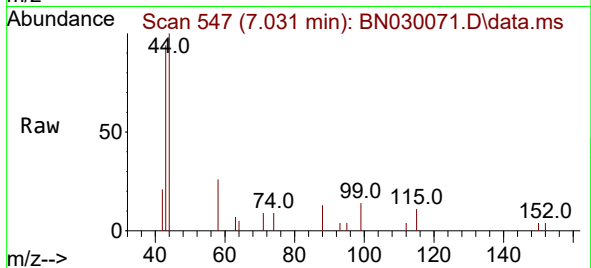
Tgt Ion: 112 Resp: 1048  
 Ion Ratio Lower Upper  
 112 100  
 64 57.5 47.2 70.8  
 63 30.8 25.8 38.6



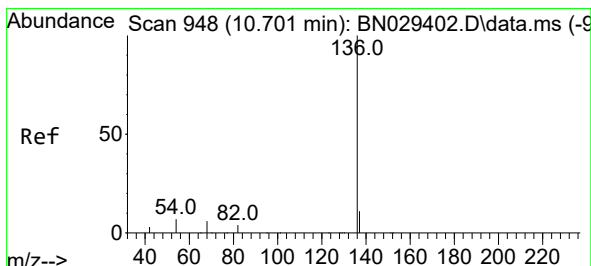
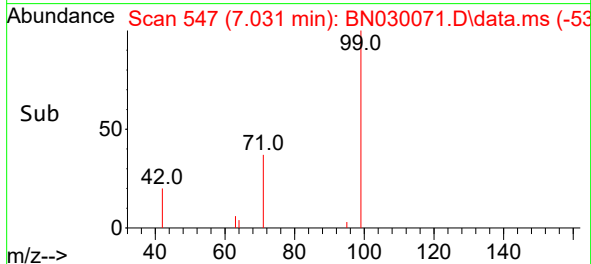
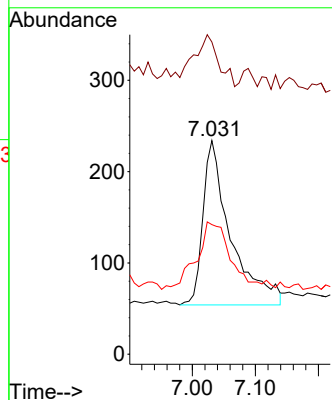


#5  
Phenol-d6  
Concen: 0.056 ng  
RT: 7.031 min Scan# 54  
Delta R.T. 0.007 min  
Lab File: BN030071.D  
Acq: 27 Feb 2024 00:14

Instrument :  
BNA\_N  
ClientSampleId :  
TT161S1-20240221

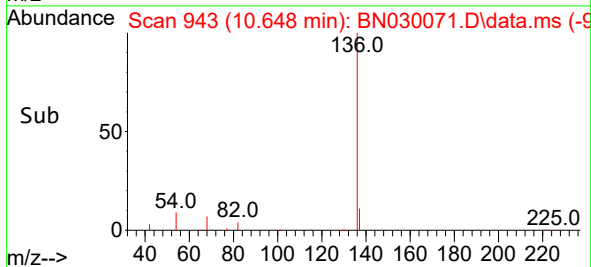
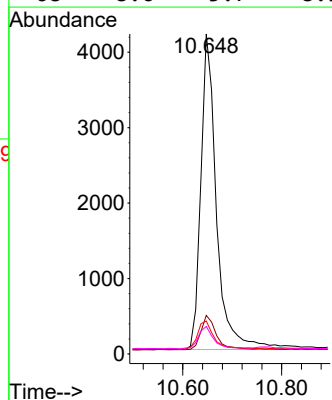
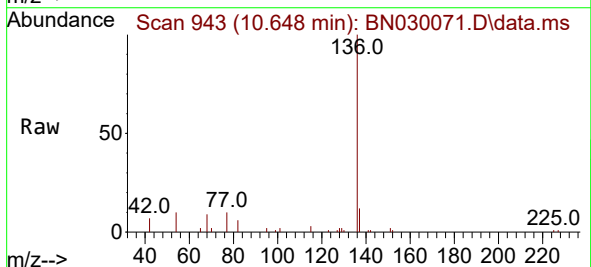


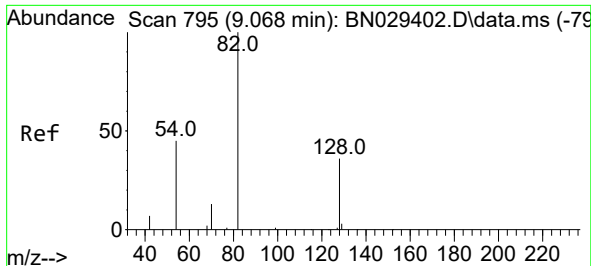
Tgt Ion: 99 Resp: 551  
Ion Ratio Lower Upper  
99 100  
42 27.9 16.9 25.3#  
71 51.2 30.0 45.0#



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.648 min Scan# 943  
Delta R.T. -0.000 min  
Lab File: BN030071.D  
Acq: 27 Feb 2024 00:14

Tgt Ion:136 Resp: 9176  
Ion Ratio Lower Upper  
136 100  
137 12.0 9.7 14.5  
54 10.3 6.6 10.0#  
68 8.6 5.7 8.5#

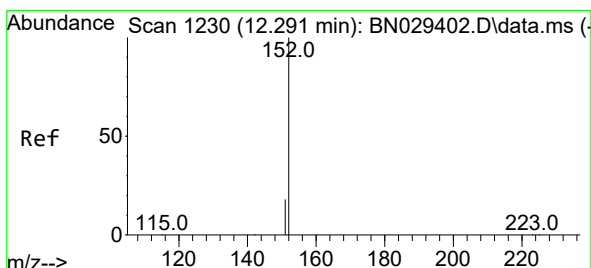
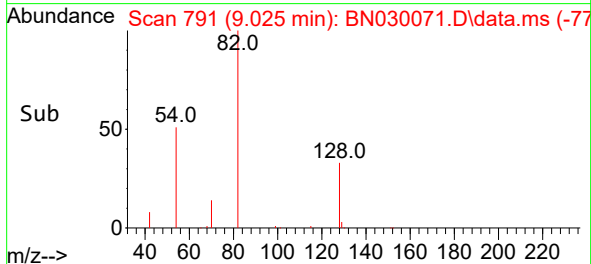
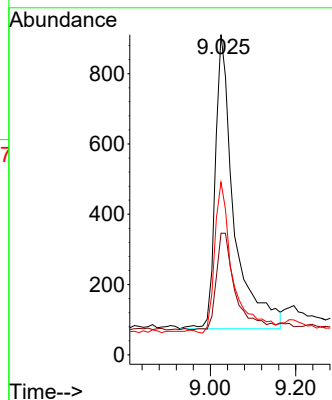
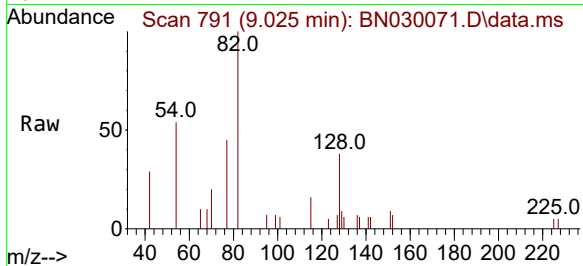




#8  
Nitrobenzene-d5  
Concen: 0.334 ng  
RT: 9.025 min Scan# 795  
Delta R.T. 0.011 min  
Lab File: BN030071.D  
Acq: 27 Feb 2024 00:14

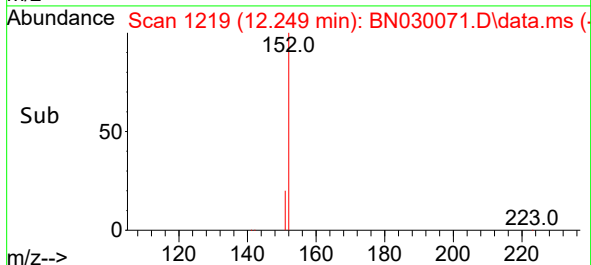
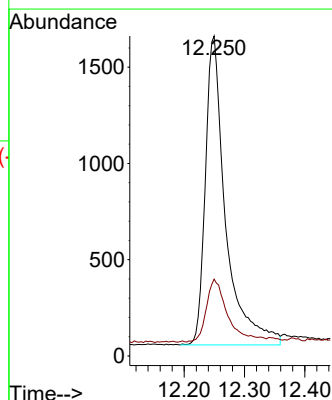
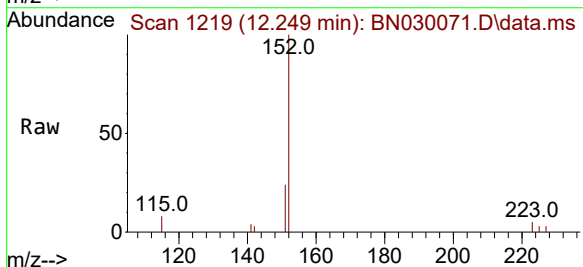
Instrument :  
BNA\_N  
ClientSampleId :  
TT161S1-20240221

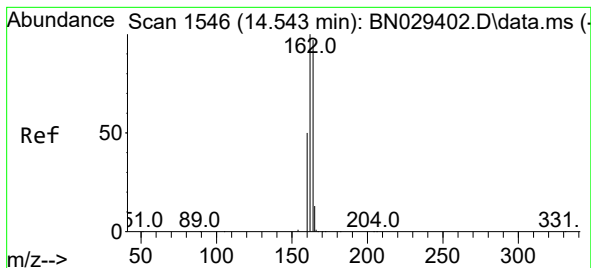
Tgt Ion: 82 Resp: 2554  
Ion Ratio Lower Upper  
82 100  
128 38.0 31.6 47.4  
54 53.9 38.2 57.4



#11  
2-Methylnaphthalene-d10  
Concen: 0.300 ng  
RT: 12.249 min Scan# 1219  
Delta R.T. 0.004 min  
Lab File: BN030071.D  
Acq: 27 Feb 2024 00:14

Tgt Ion: 152 Resp: 3748  
Ion Ratio Lower Upper  
152 100  
151 21.5 17.1 25.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.500 min Scan# 1

Delta R.T. 0.011 min

Lab File: BN030071.D

Acq: 27 Feb 2024 00:14

Instrument :

BNA\_N

ClientSampleId :

TT161S1-20240221

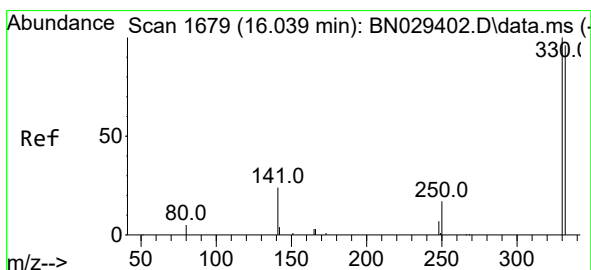
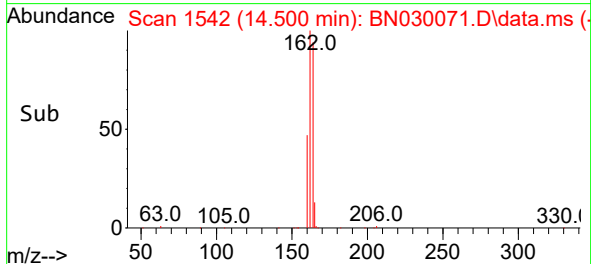
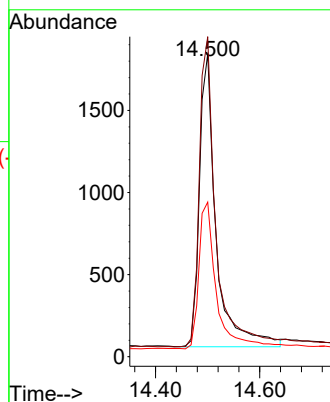
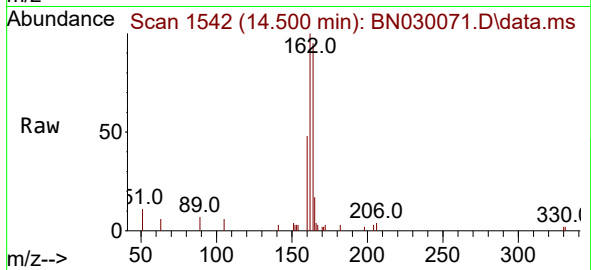
Tgt Ion:164 Resp: 3959

Ion Ratio Lower Upper

164 100

162 105.6 82.6 123.8

160 51.1 41.5 62.3



#14

2,4,6-Tribromophenol

Concen: 0.372 ng

RT: 16.002 min Scan# 1676

Delta R.T. -0.000 min

Lab File: BN030071.D

Acq: 27 Feb 2024 00:14

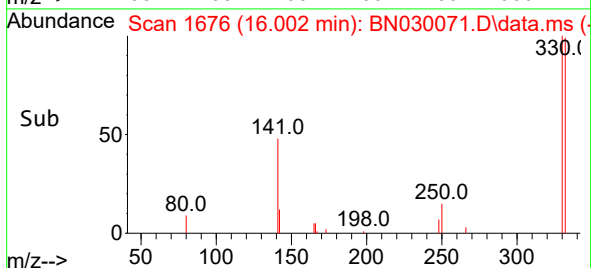
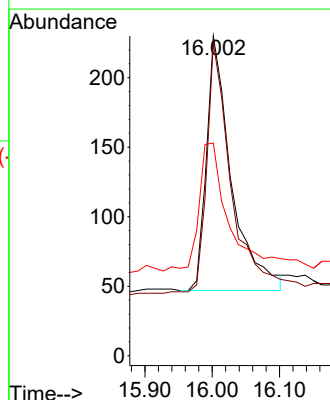
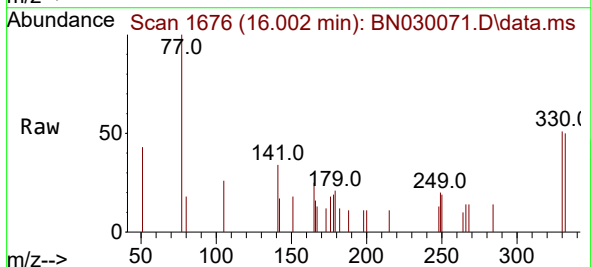
Tgt Ion:330 Resp: 472

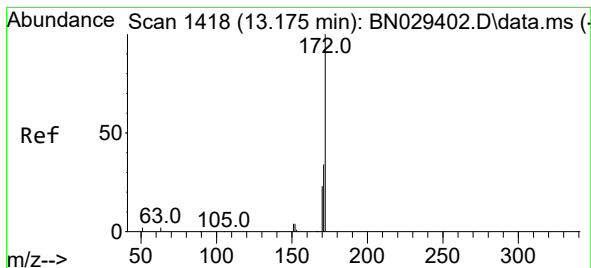
Ion Ratio Lower Upper

330 100

332 95.6 76.0 114.0

141 55.9 43.4 65.2





#15

2-Fluorobiphenyl

Concen: 0.327 ng

RT: 13.132 min Scan# 1418

Delta R.T. 0.011 min

Lab File: BN030071.D

Acq: 27 Feb 2024 00:14

Instrument :

BNA\_N

ClientSampleId :

TT161S1-20240221

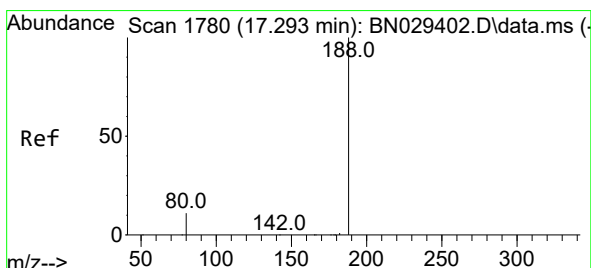
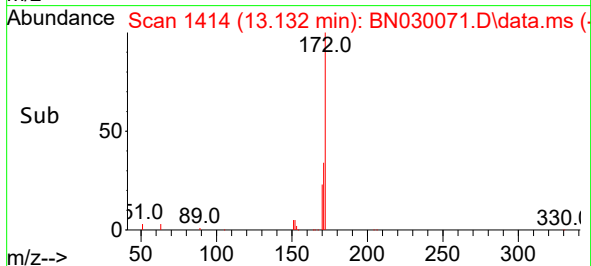
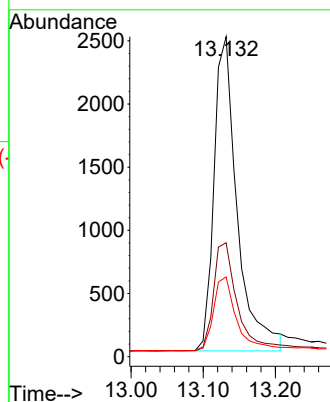
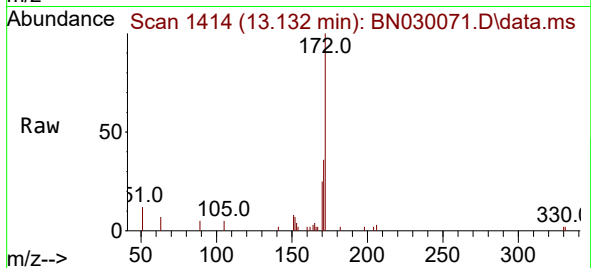
Tgt Ion:172 Resp: 5550

Ion Ratio Lower Upper

172 100

171 35.6 28.0 42.0

170 25.0 18.7 28.1



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.255 min Scan# 1777

Delta R.T. -0.000 min

Lab File: BN030071.D

Acq: 27 Feb 2024 00:14

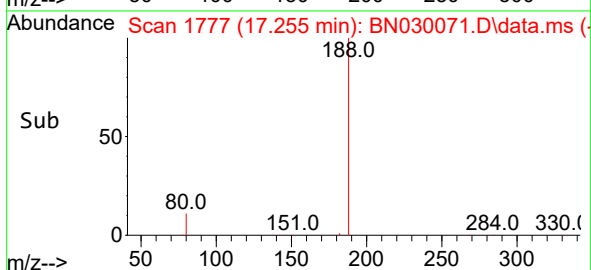
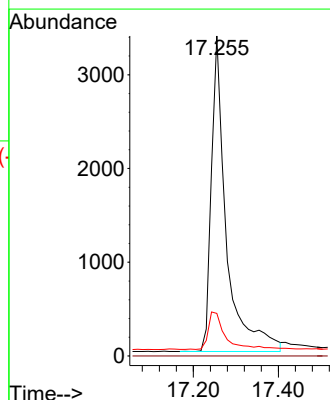
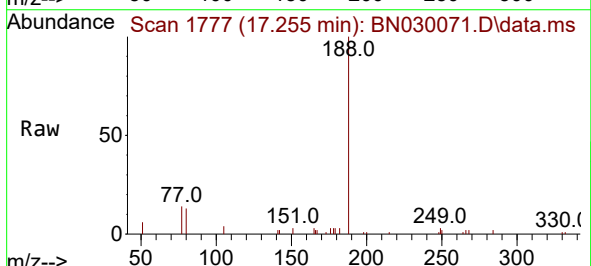
Tgt Ion:188 Resp: 8235

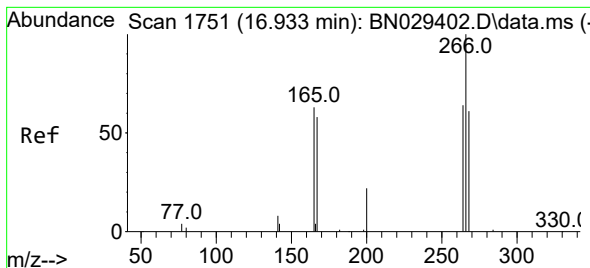
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.3 10.0 15.0





#24

Pentachlorophenol

Concen: 0.028 ng

RT: 16.908 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN030071.D

Acq: 27 Feb 2024 00:14

Instrument :

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TT161S1-20240221

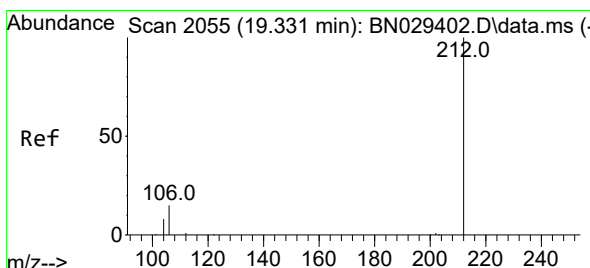
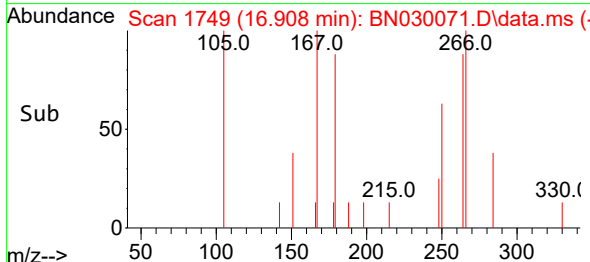
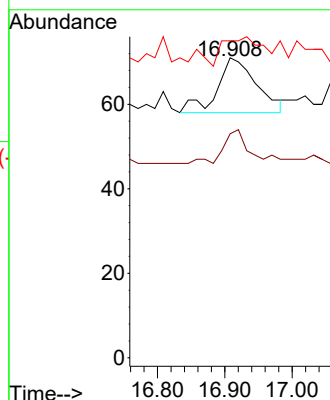
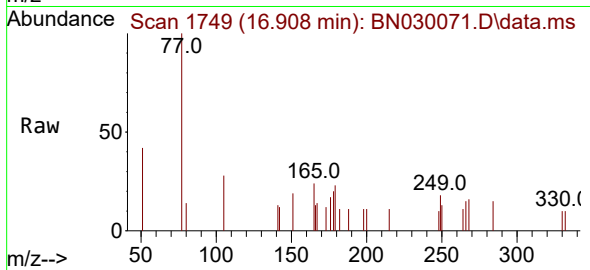
Tgt Ion:266 Resp: 53

Ion Ratio Lower Upper

266 100

264 41.5 50.8 76.2#

268 0.0 51.5 77.3#



#27

Fluoranthene-d10

Concen: 0.449 ng

RT: 19.285 min Scan# 2045

Delta R.T. -0.005 min

Lab File: BN030071.D

Acq: 27 Feb 2024 00:14

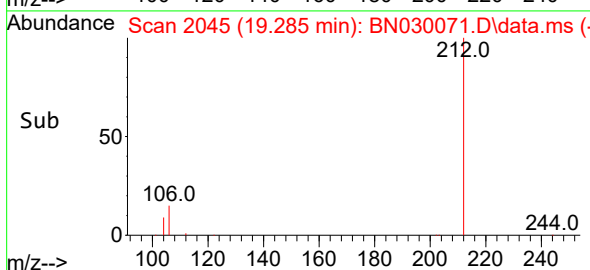
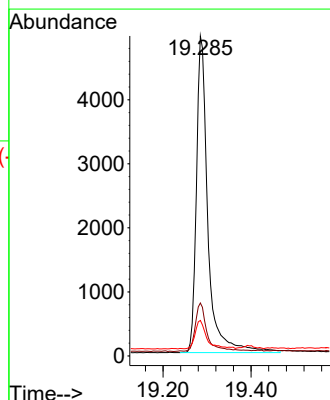
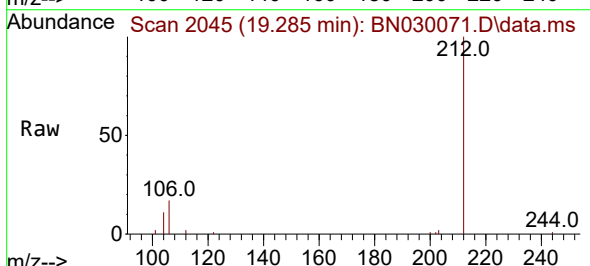
Tgt Ion:212 Resp: 8955

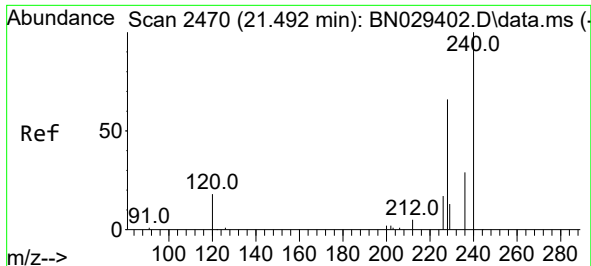
Ion Ratio Lower Upper

212 100

106 15.9 13.2 19.8

104 8.7 7.7 11.5

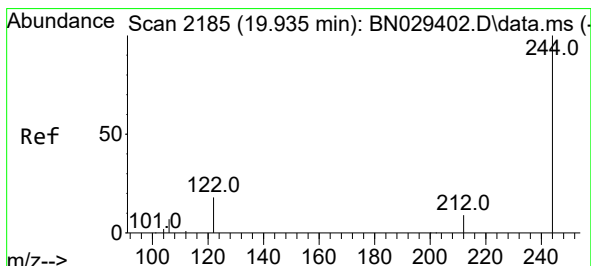
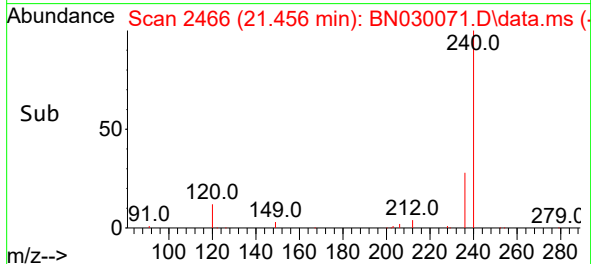
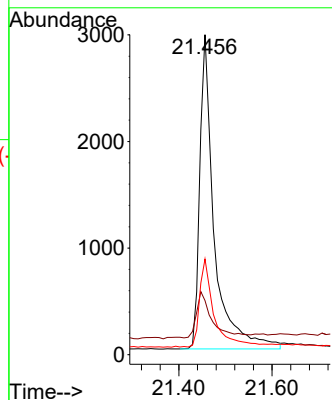
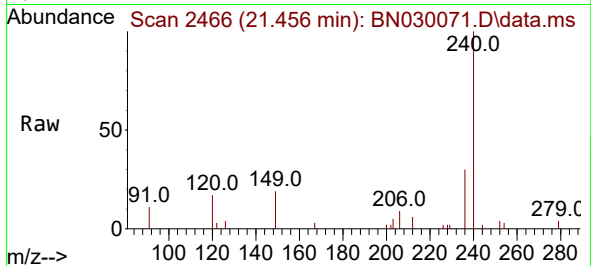




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.456 min Scan# 2466  
Delta R.T. -0.000 min  
Lab File: BN030071.D  
Acq: 27 Feb 2024 00:14

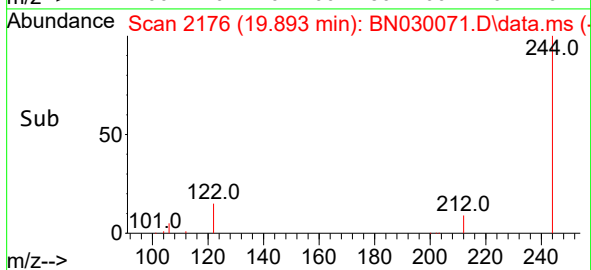
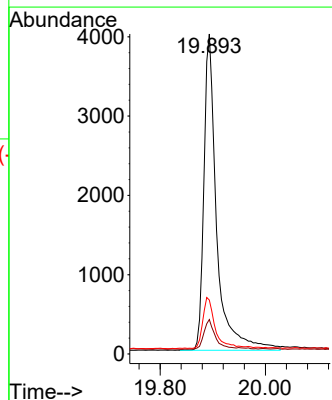
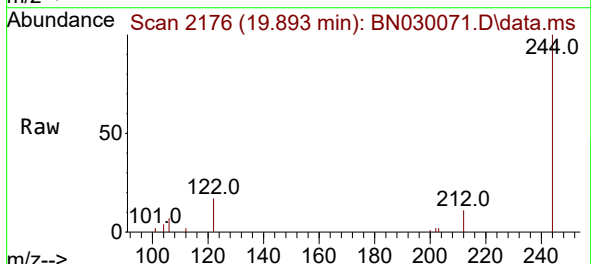
Instrument :  
BNA\_N  
ClientSampleId :  
TT161S1-20240221

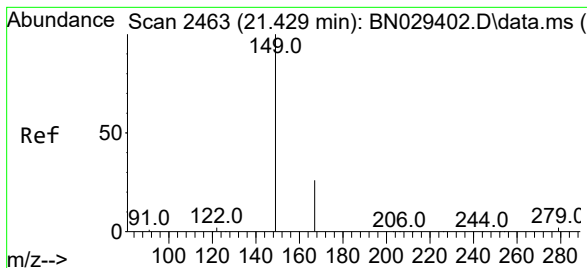
Tgt Ion:240 Resp: 6360  
Ion Ratio Lower Upper  
240 100  
120 16.9 16.7 25.1  
236 29.9 23.9 35.9



#31  
Terphenyl-d14  
Concen: 0.426 ng  
RT: 19.893 min Scan# 2176  
Delta R.T. -0.005 min  
Lab File: BN030071.D  
Acq: 27 Feb 2024 00:14

Tgt Ion:244 Resp: 6722  
Ion Ratio Lower Upper  
244 100  
212 10.7 8.2 12.4  
122 16.8 15.6 23.4

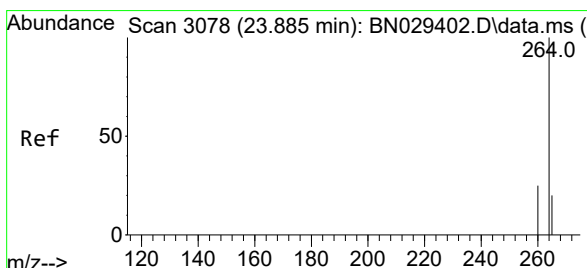
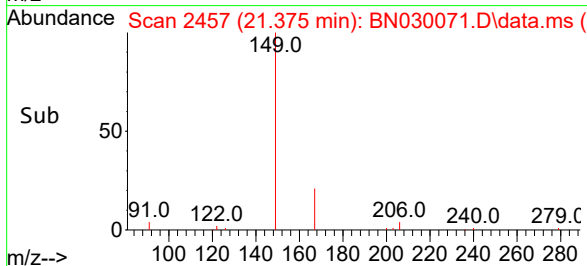
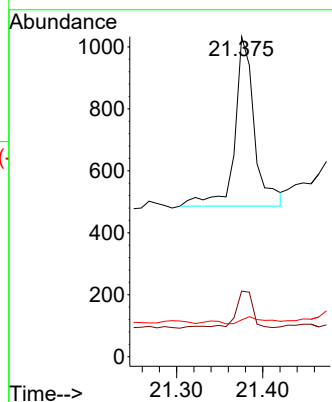
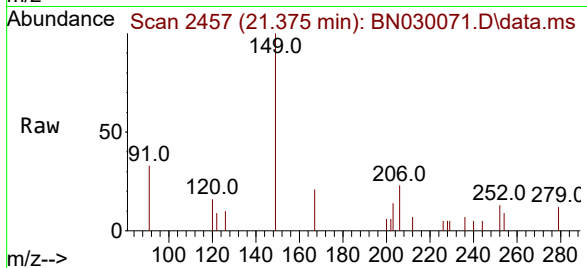




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.059 ng  
 RT: 21.375 min Scan# 2463  
 Delta R.T. -0.009 min  
 Lab File: BN030071.D  
 Acq: 27 Feb 2024 00:14

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT161S1-20240221

Tgt Ion:149 Resp: 871  
 Ion Ratio Lower Upper  
 149 100  
 167 20.1 20.1 30.1  
 279 5.1 2.5 3.7#



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.818 min Scan# 3055  
 Delta R.T. -0.003 min  
 Lab File: BN030071.D  
 Acq: 27 Feb 2024 00:14

Tgt Ion:264 Resp: 6274  
 Ion Ratio Lower Upper  
 264 100  
 260 27.0 21.2 31.8  
 265 80.5 41.5 62.3#

