

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN080624\  
 Data File : BN033279.D  
 Acq On : 06 Aug 2024 18:36  
 Operator : MA/JU  
 Sample : P3468-02  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MLS-15-682-697

Quant Time: Aug 07 02:04:10 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN080524.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 05 23:57:48 2024  
 Response via : Initial Calibration

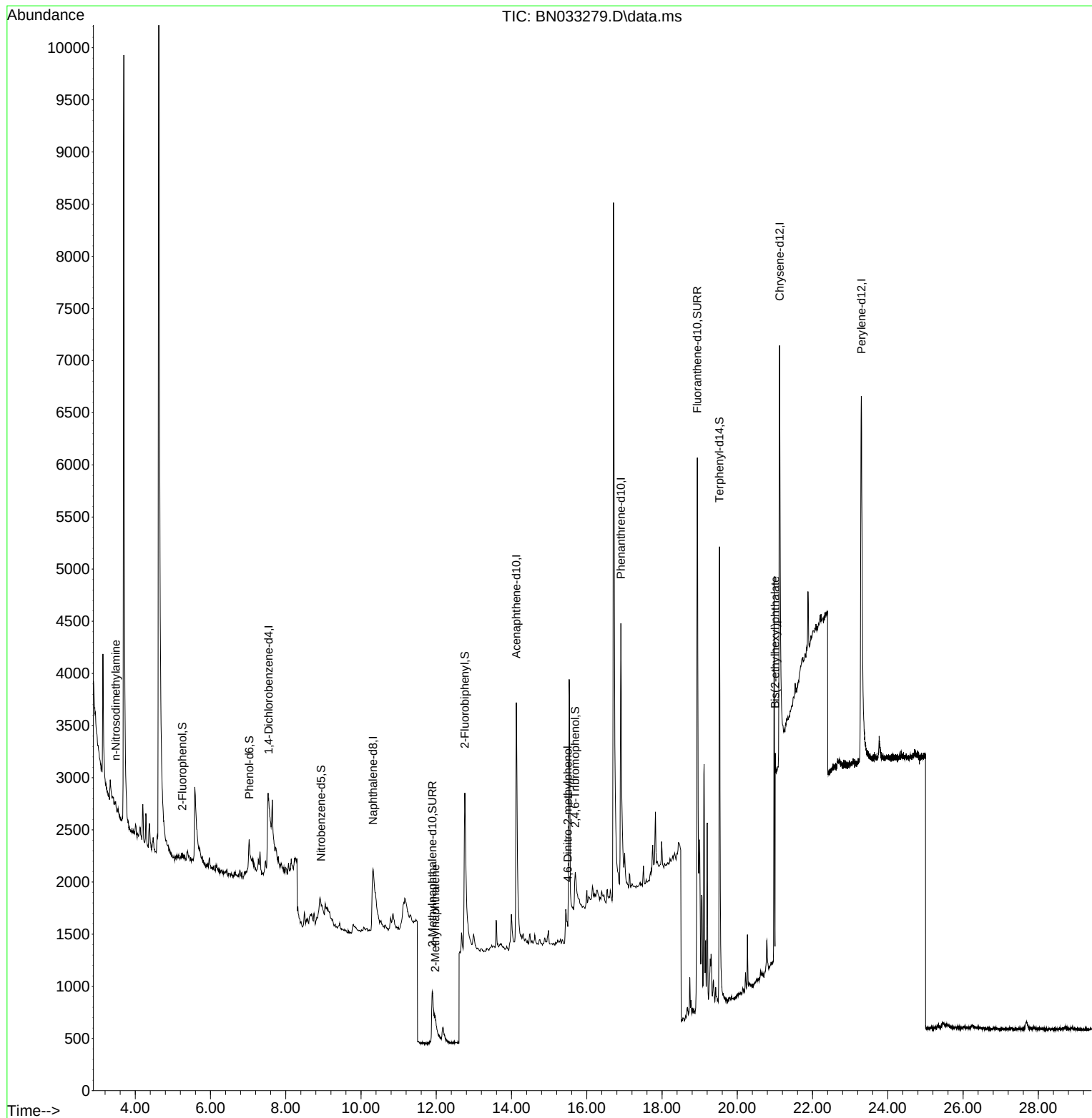
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.546  | 152  | 738      | 0.400 | ng    | 0.04     |
| 7) Naphthalene-d8             | 10.319 | 136  | 3267     | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.126 | 164  | 2318     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.908 | 188  | 5837     | 0.400 | ng    | -0.01    |
| 29) Chrysene-d12              | 21.125 | 240  | 6453     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.297 | 264  | 7418     | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.249  | 112  | 304      | 0.166 | ng    | -0.04    |
| 5) Phenol-d6                  | 7.033  | 99   | 130      | 0.052 | ng    | 0.04     |
| 8) Nitrobenzene-d5            | 8.942  | 82   | 950      | 0.362 | ng    | 0.02     |
| 11) 2-Methylnaphthalene-d10   | 11.893 | 152  | 2053     | 0.424 | ng    | -0.03    |
| 14) 2,4,6-Tribromophenol      | 15.691 | 330  | 423      | 0.490 | ng    | -0.02    |
| 15) 2-Fluorobiphenyl          | 12.758 | 172  | 2989     | 0.377 | ng    | -0.04    |
| 27) Fluoranthene-d10          | 18.936 | 212  | 7925     | 0.485 | ng    | -0.01    |
| 31) Terphenyl-d14             | 19.526 | 244  | 6199     | 0.556 | ng    | -0.02    |
| Target Compounds              |        |      |          |       |       |          |
| 3) n-Nitrosodimethylamine     | 3.487  | 42   | 30       | 0.033 | ng    | # 1      |
| 12) 2-Methylnaphthalene       | 11.973 | 142  | 174      | 0.033 | ng    | # 80     |
| 20) 4,6-Dinitro-2-methylph... | 15.494 | 198  | 6        | 0.254 | ng    | # 87     |
| 34) Bis(2-ethylhexyl)phtha... | 21.008 | 149  | 1157     | 0.259 | ng    | # 73     |
| -----                         |        |      |          |       |       |          |

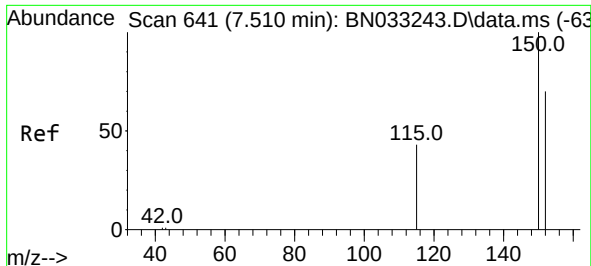
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN080624\  
Data File : BN033279.D  
Acq On : 06 Aug 2024 18:36  
Operator : MA/JU  
Sample : P3468-02  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
MLS-15-682-697

Quant Time: Aug 07 02:04:10 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN080524.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Aug 05 23:57:48 2024  
Response via : Initial Calibration

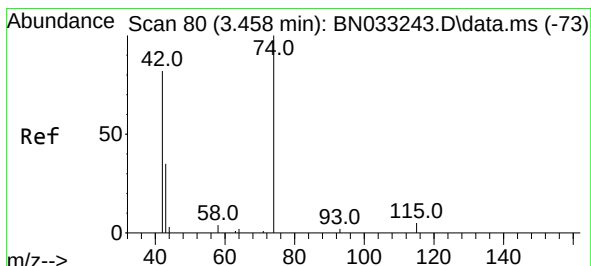
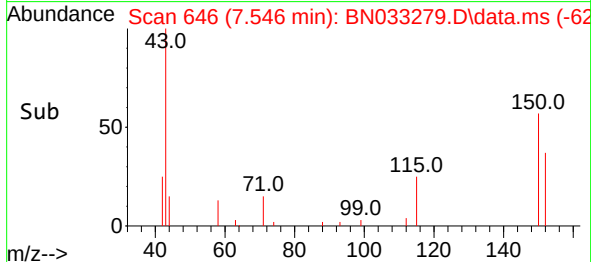
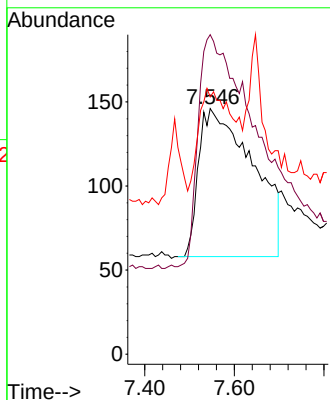
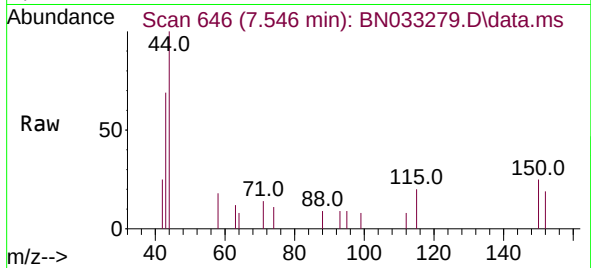




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.546 min Scan# 64  
Delta R.T. 0.036 min  
Lab File: BN033279.D  
Acq: 06 Aug 2024 18:36

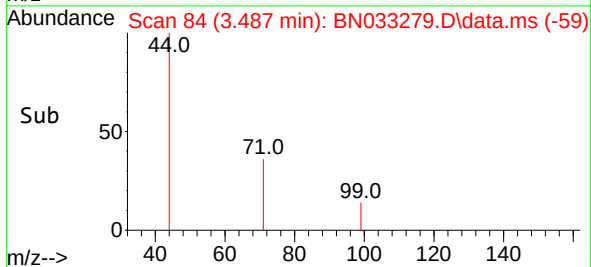
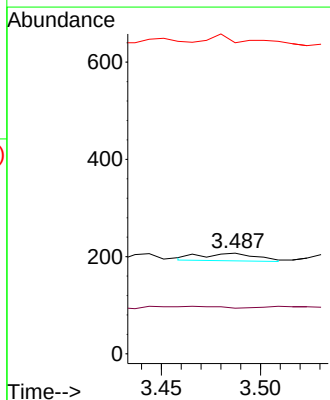
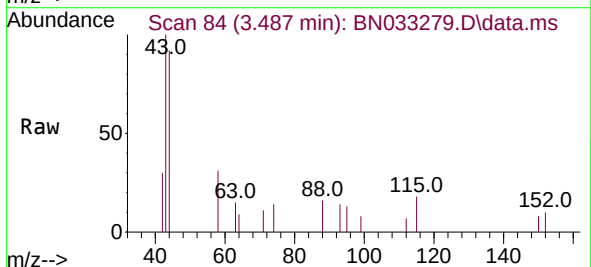
Instrument :  
BNA\_N  
ClientSampleId :  
MLS-15-682-697

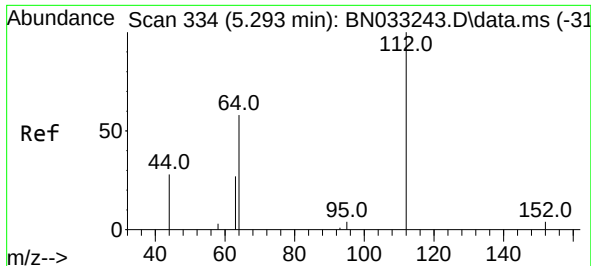
Tgt Ion:152 Resp: 738  
Ion Ratio Lower Upper  
152 100  
150 130.1 108.2 162.2  
115 104.8 70.5 105.7



#3  
n-Nitrosodimethylamine  
Concen: 0.033 ng  
RT: 3.487 min Scan# 84  
Delta R.T. 0.029 min  
Lab File: BN033279.D  
Acq: 06 Aug 2024 18:36

Tgt Ion: 42 Resp: 30  
Ion Ratio Lower Upper  
42 100  
74 0.0 0.0 0.0  
44 133.3 9.6 14.4#

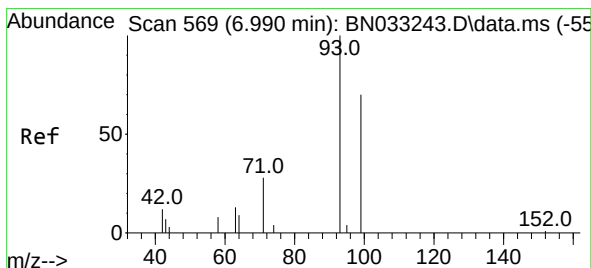
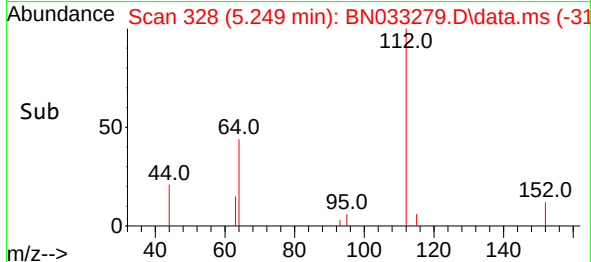
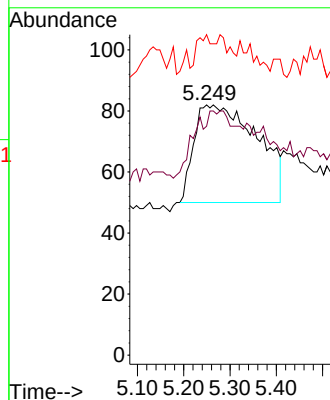
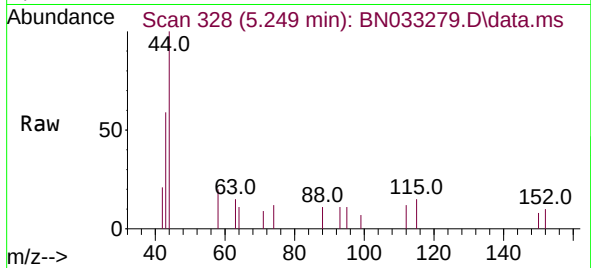




#4  
2-Fluorophenol  
Concen: 0.166 ng  
RT: 5.249 min Scan# 311  
Delta R.T. -0.044 min  
Lab File: BN033279.D  
Acq: 06 Aug 2024 18:36

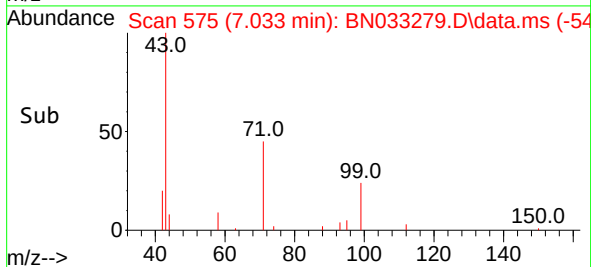
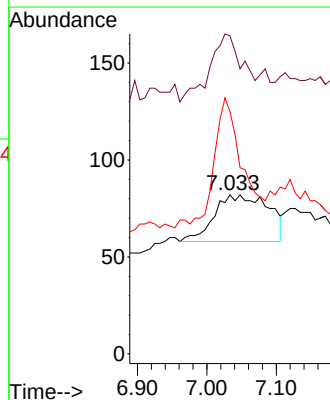
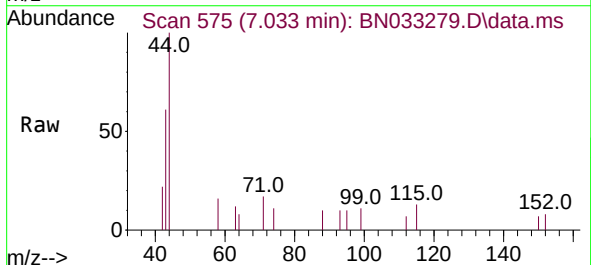
Instrument :  
BNA\_N  
ClientSampleId :  
MLS-15-682-697

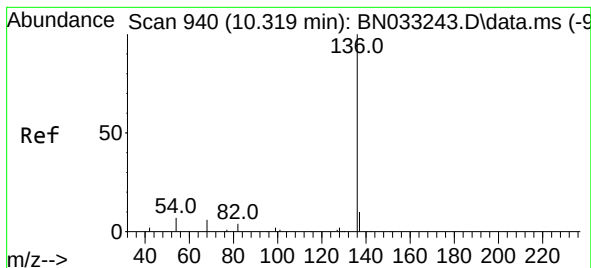
Tgt Ion:112 Resp: 304  
Ion Ratio Lower Upper  
112 100  
64 2.3 18.0 27.0#  
63 7.9 0.0 0.0#



#5  
Phenol-d6  
Concen: 0.052 ng  
RT: 7.033 min Scan# 575  
Delta R.T. 0.043 min  
Lab File: BN033279.D  
Acq: 06 Aug 2024 18:36

Tgt Ion: 99 Resp: 130  
Ion Ratio Lower Upper  
99 100  
42 89.2 0.0 0.0#  
71 138.5 0.0 0.0#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.319 min Scan# 940

Delta R.T. -0.000 min

Lab File: BN033279.D

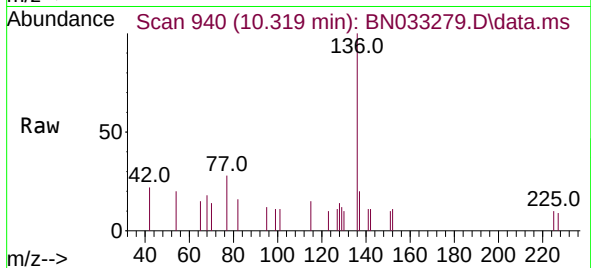
Acq: 06 Aug 2024 18:36

Instrument :

BNA\_N

ClientSampleId :

MLS-15-682-697



Tgt Ion:136 Resp: 3267

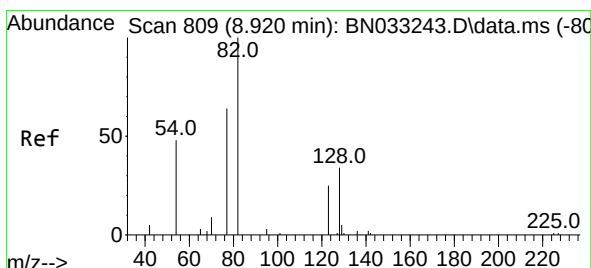
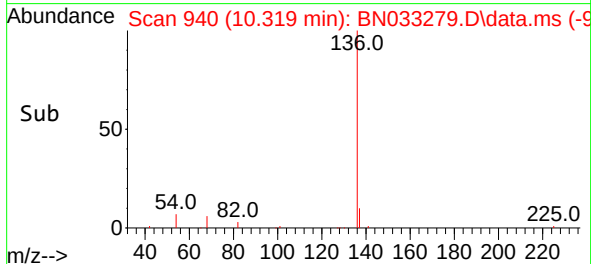
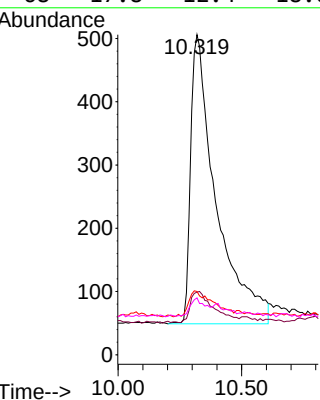
Ion Ratio Lower Upper

136 100

137 19.6 14.1 21.1

54 19.8 13.8 20.8

68 17.8 12.4 18.6



#8

Nitrobenzene-d5

Concen: 0.362 ng

RT: 8.942 min Scan# 811

Delta R.T. 0.022 min

Lab File: BN033279.D

Acq: 06 Aug 2024 18:36

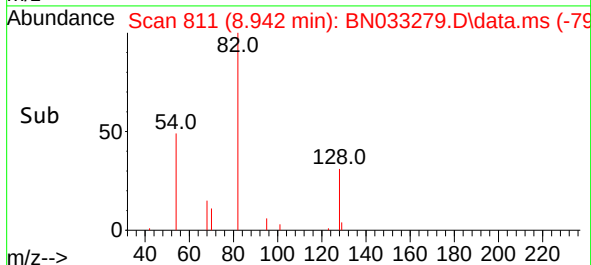
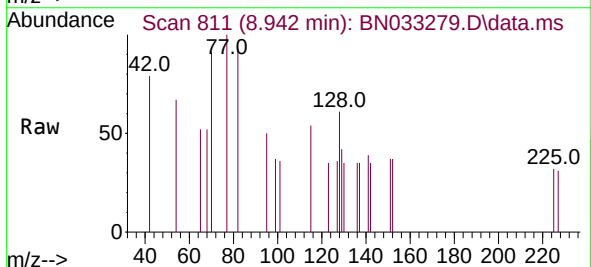
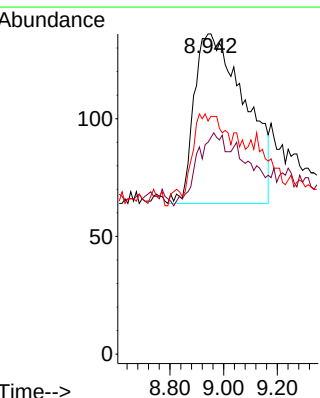
Tgt Ion: 82 Resp: 950

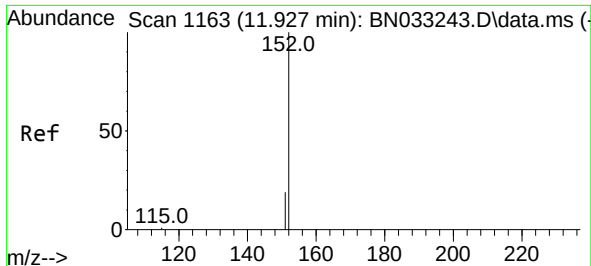
Ion Ratio Lower Upper

82 100

128 66.2 54.8 82.2

54 72.8 55.9 83.9

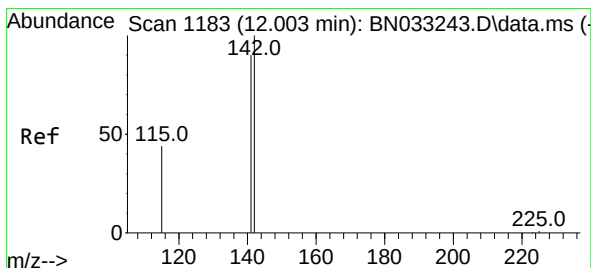
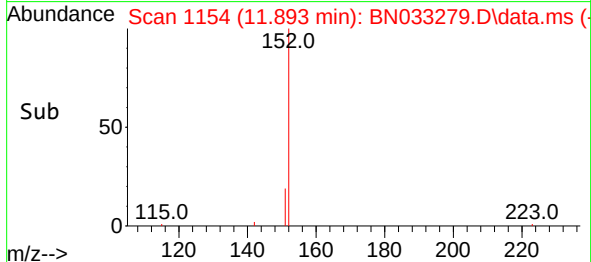
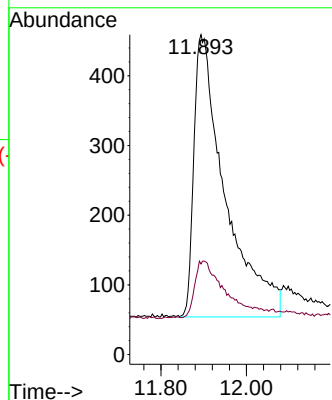
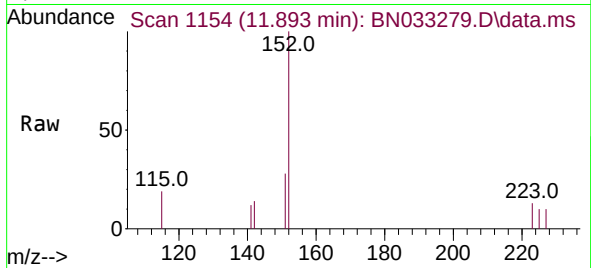




#11  
2-Methylnaphthalene-d10  
Concen: 0.424 ng  
RT: 11.893 min Scan# 1175  
Delta R.T. -0.034 min  
Lab File: BN033279.D  
Acq: 06 Aug 2024 18:36

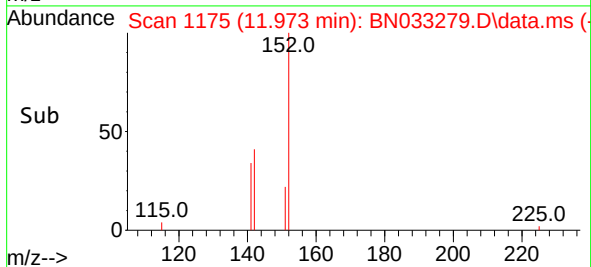
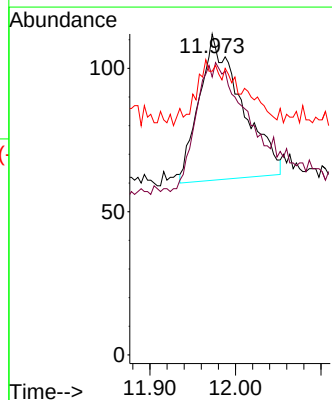
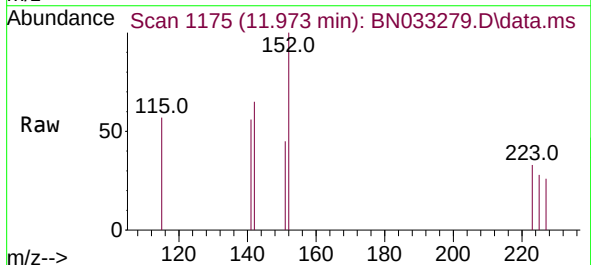
Instrument :  
BNA\_N  
ClientSampleId :  
MLS-15-682-697

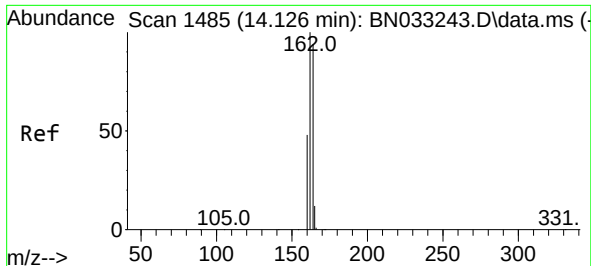
Tgt Ion:152 Resp: 2053  
Ion Ratio Lower Upper  
152 100  
151 18.6 11.9 17.9#



#12  
2-Methylnaphthalene  
Concen: 0.033 ng  
RT: 11.973 min Scan# 1175  
Delta R.T. -0.030 min  
Lab File: BN033279.D  
Acq: 06 Aug 2024 18:36

Tgt Ion:142 Resp: 174  
Ion Ratio Lower Upper  
142 100  
141 86.6 68.7 103.1  
115 88.4 41.6 62.4#

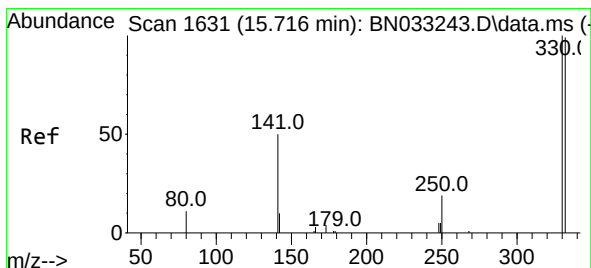
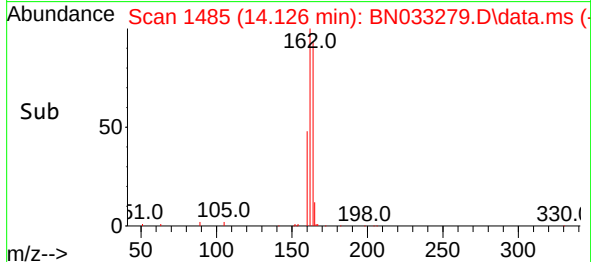
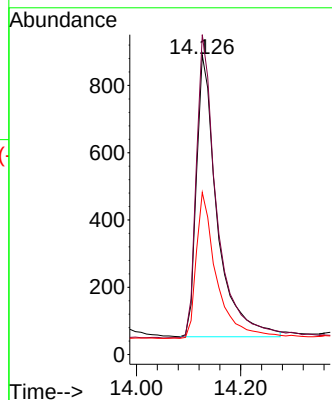
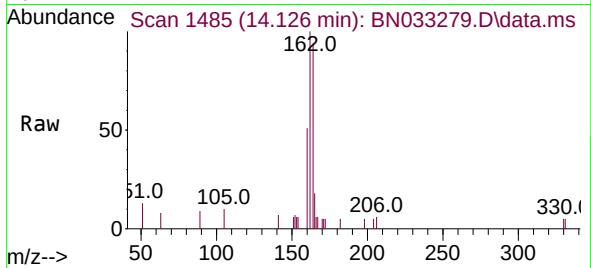




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.126 min Scan# 1485  
Delta R.T. 0.000 min  
Lab File: BN033279.D  
Acq: 06 Aug 2024 18:36

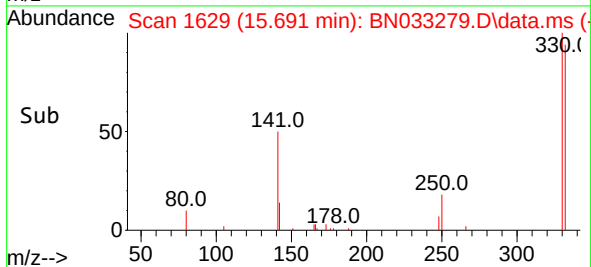
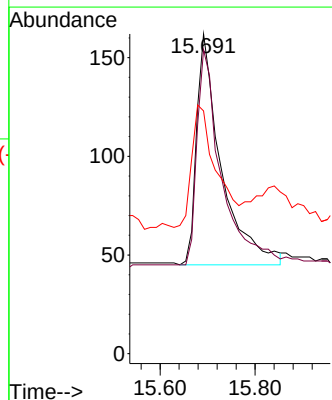
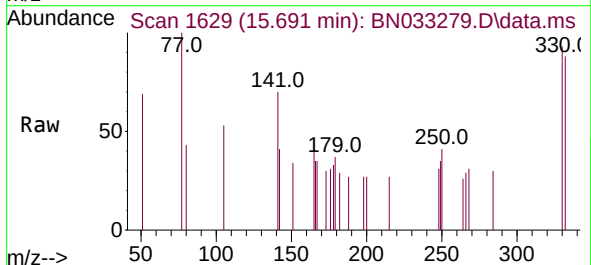
Instrument :  
BNA\_N  
ClientSampleId :  
MLS-15-682-697

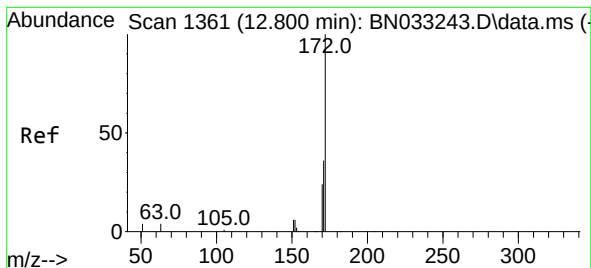
Tgt Ion:164 Resp: 2318  
Ion Ratio Lower Upper  
164 100  
162 106.9 84.6 127.0  
160 54.2 42.4 63.6



#14  
2,4,6-Tribromophenol  
Concen: 0.490 ng  
RT: 15.691 min Scan# 1629  
Delta R.T. -0.025 min  
Lab File: BN033279.D  
Acq: 06 Aug 2024 18:36

Tgt Ion:330 Resp: 423  
Ion Ratio Lower Upper  
330 100  
332 91.7 73.7 110.5  
141 50.8 44.8 67.2





#15

2-Fluorobiphenyl

Concen: 0.377 ng

RT: 12.758 min Scan# 11

Delta R.T. -0.043 min

Lab File: BN033279.D

Acq: 06 Aug 2024 18:36

Instrument :

BNA\_N

ClientSampleId :

MLS-15-682-697

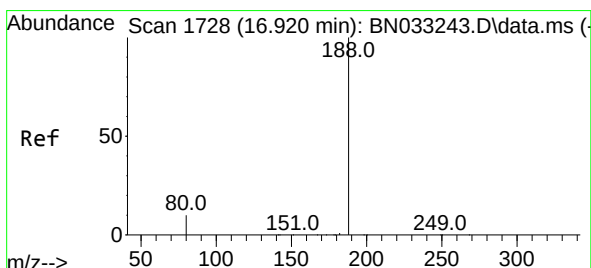
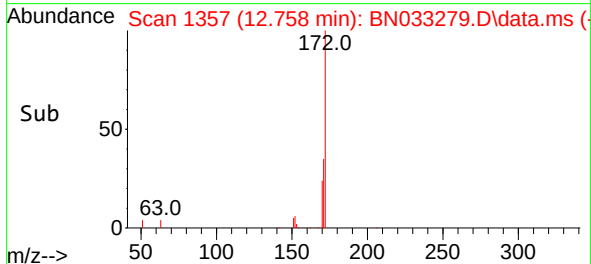
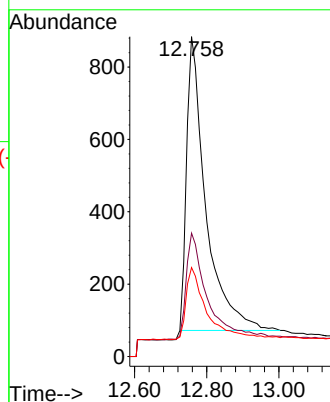
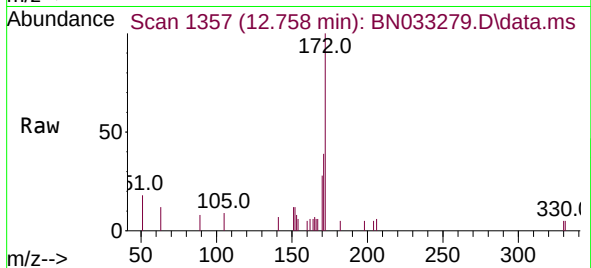
Tgt Ion:172 Resp: 2989

Ion Ratio Lower Upper

172 100

171 38.6 32.3 48.5

170 27.8 23.4 35.2



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.908 min Scan# 1727

Delta R.T. -0.012 min

Lab File: BN033279.D

Acq: 06 Aug 2024 18:36

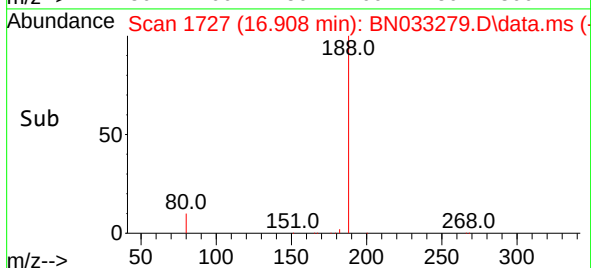
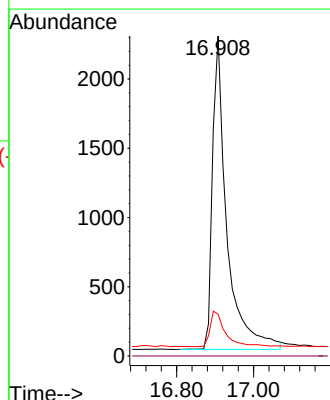
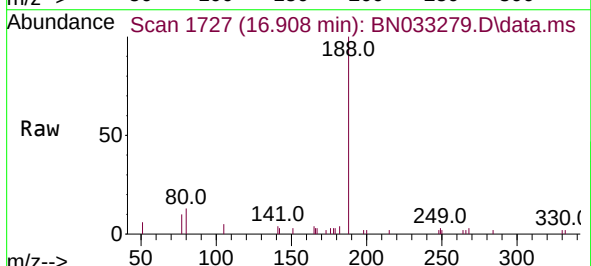
Tgt Ion:188 Resp: 5837

Ion Ratio Lower Upper

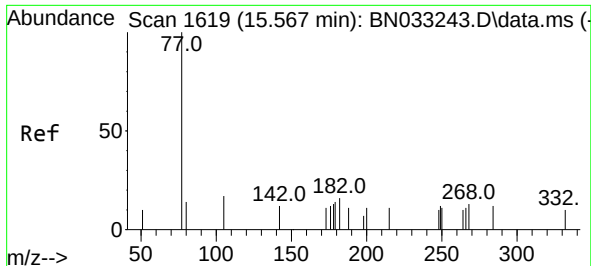
188 100

94 0.0 0.0 0.0

80 13.1 10.2 15.4

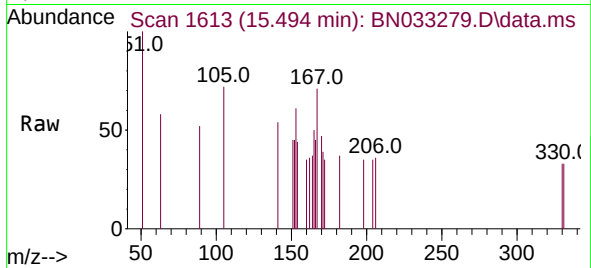




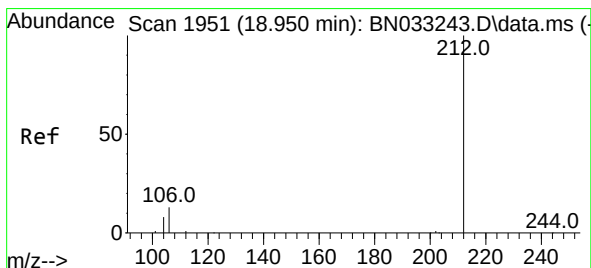
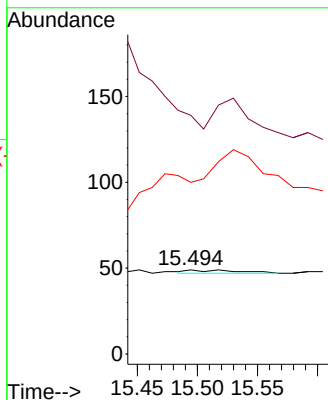
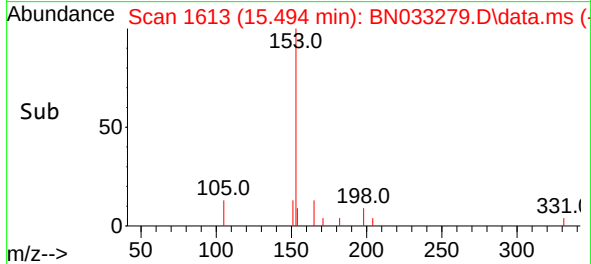


#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.254 ng  
RT: 15.494 min Scan# 1613  
Delta R.T. -0.073 min  
Lab File: BN033279.D  
Acq: 06 Aug 2024 18:36

Instrument :  
BNA\_N  
ClientSampleId :  
MLS-15-682-697

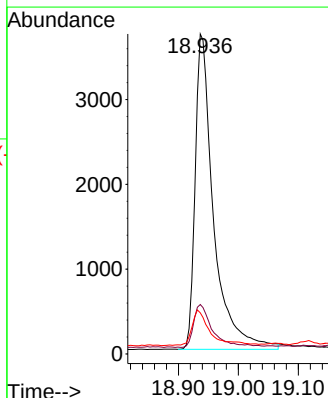
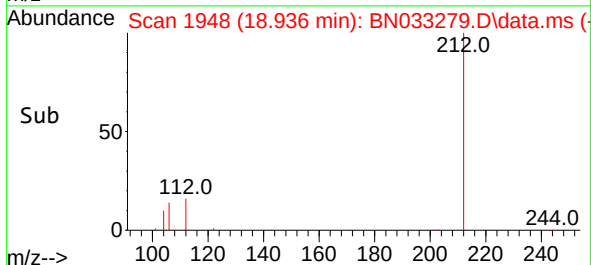
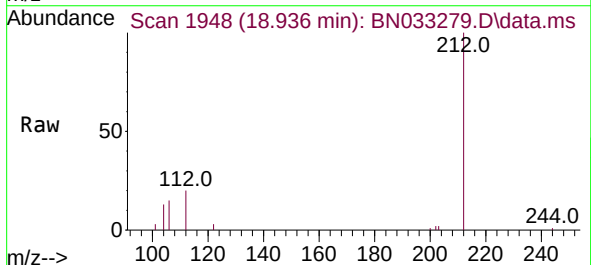


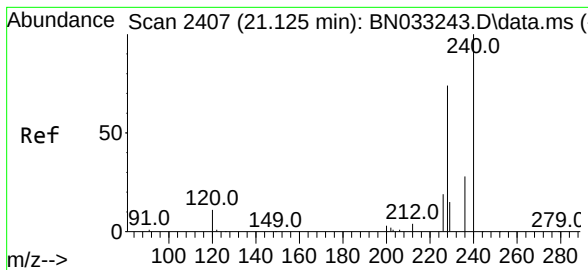
Tgt Ion:198 Resp: 6  
Ion Ratio Lower Upper  
198 100  
51 283.7 250.6 375.8  
105 204.1 152.6 229.0



#27  
Fluoranthene-d10  
Concen: 0.485 ng  
RT: 18.936 min Scan# 1948  
Delta R.T. -0.014 min  
Lab File: BN033279.D  
Acq: 06 Aug 2024 18:36

Tgt Ion:212 Resp: 7925  
Ion Ratio Lower Upper  
212 100  
106 14.2 11.4 17.0  
104 11.2 7.1 10.7#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.125 min Scan# 2407

Delta R.T. -0.000 min

Lab File: BN033279.D

Acq: 06 Aug 2024 18:36

Instrument :

BNA\_N

ClientSampleId :

MLS-15-682-697

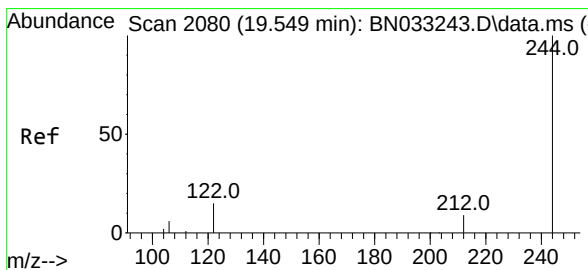
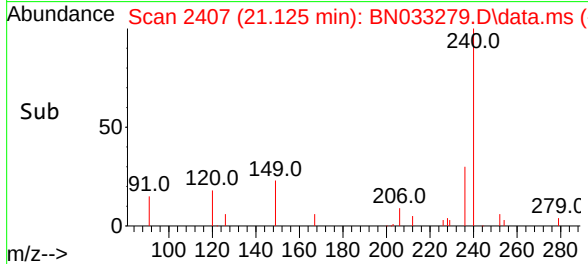
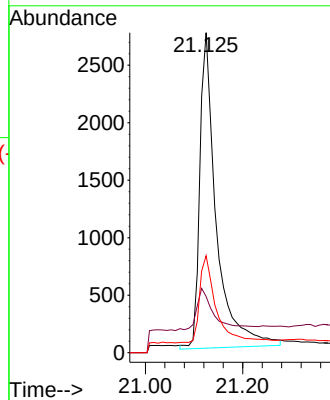
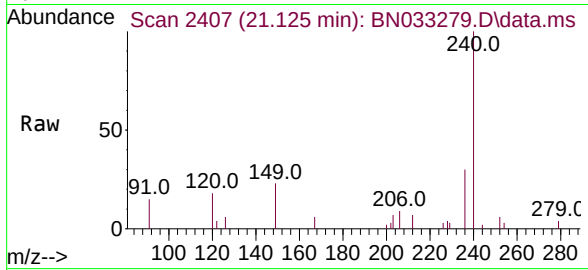
Tgt Ion:240 Resp: 6453

Ion Ratio Lower Upper

240 100

120 17.6 13.3 19.9

236 30.3 23.8 35.6



#31

Terphenyl-d14

Concen: 0.556 ng

RT: 19.526 min Scan# 2075

Delta R.T. -0.023 min

Lab File: BN033279.D

Acq: 06 Aug 2024 18:36

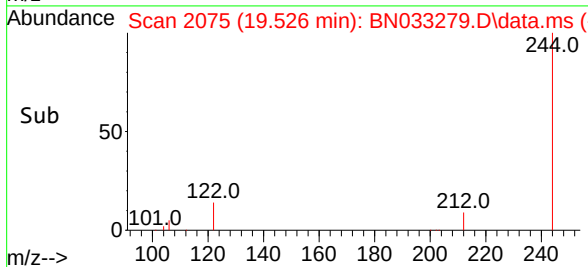
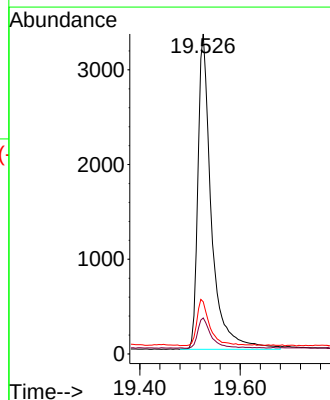
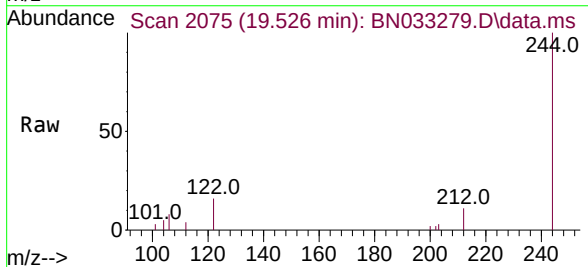
Tgt Ion:244 Resp: 6199

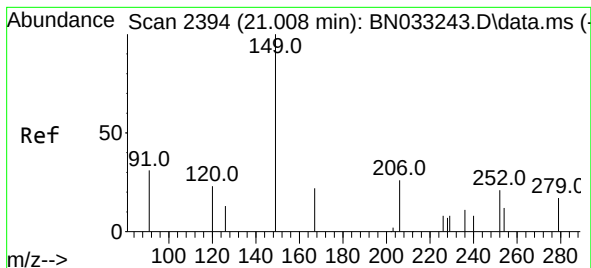
Ion Ratio Lower Upper

244 100

212 11.2 9.9 14.9

122 16.3 14.1 21.1

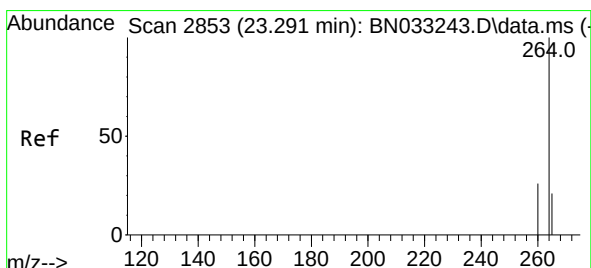
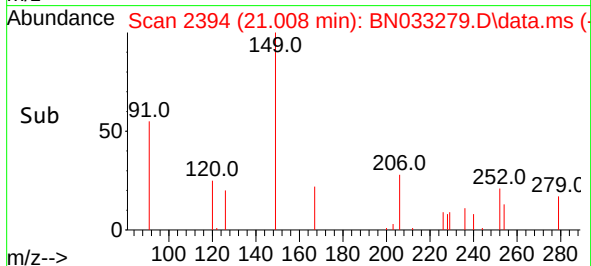
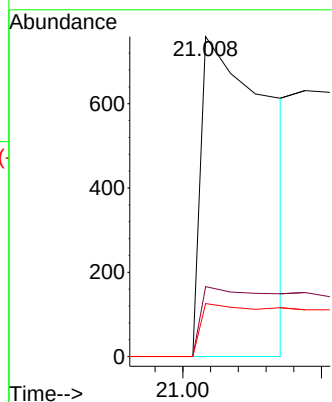
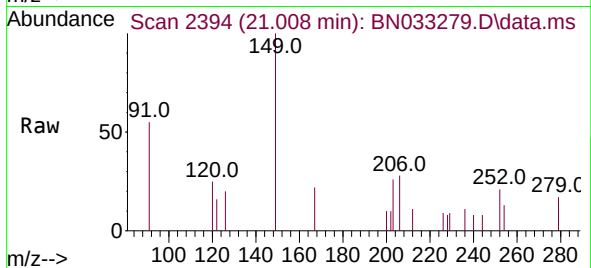




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.259 ng  
 RT: 21.008 min Scan# 211  
 Delta R.T. 0.000 min  
 Lab File: BN033279.D  
 Acq: 06 Aug 2024 18:36

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MLS-15-682-697

Tgt Ion:149 Resp: 1157  
 Ion Ratio Lower Upper  
 149 100  
 167 36.6 19.8 29.6#  
 279 22.7 8.2 12.4#



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.297 min Scan# 2855  
 Delta R.T. 0.006 min  
 Lab File: BN033279.D  
 Acq: 06 Aug 2024 18:36

Tgt Ion:264 Resp: 7418  
 Ion Ratio Lower Upper  
 264 100  
 260 26.7 21.4 32.2  
 265 90.9 66.6 99.8

