

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN033122\  
 Data File : BN019273.D  
 Acq On : 01 Apr 2022 03:55  
 Operator : CG/JU  
 Sample : N2172-07  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-8

Quant Time: Apr 01 04:47:16 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN033122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 31 12:41:03 2022  
 Response via : Initial Calibration

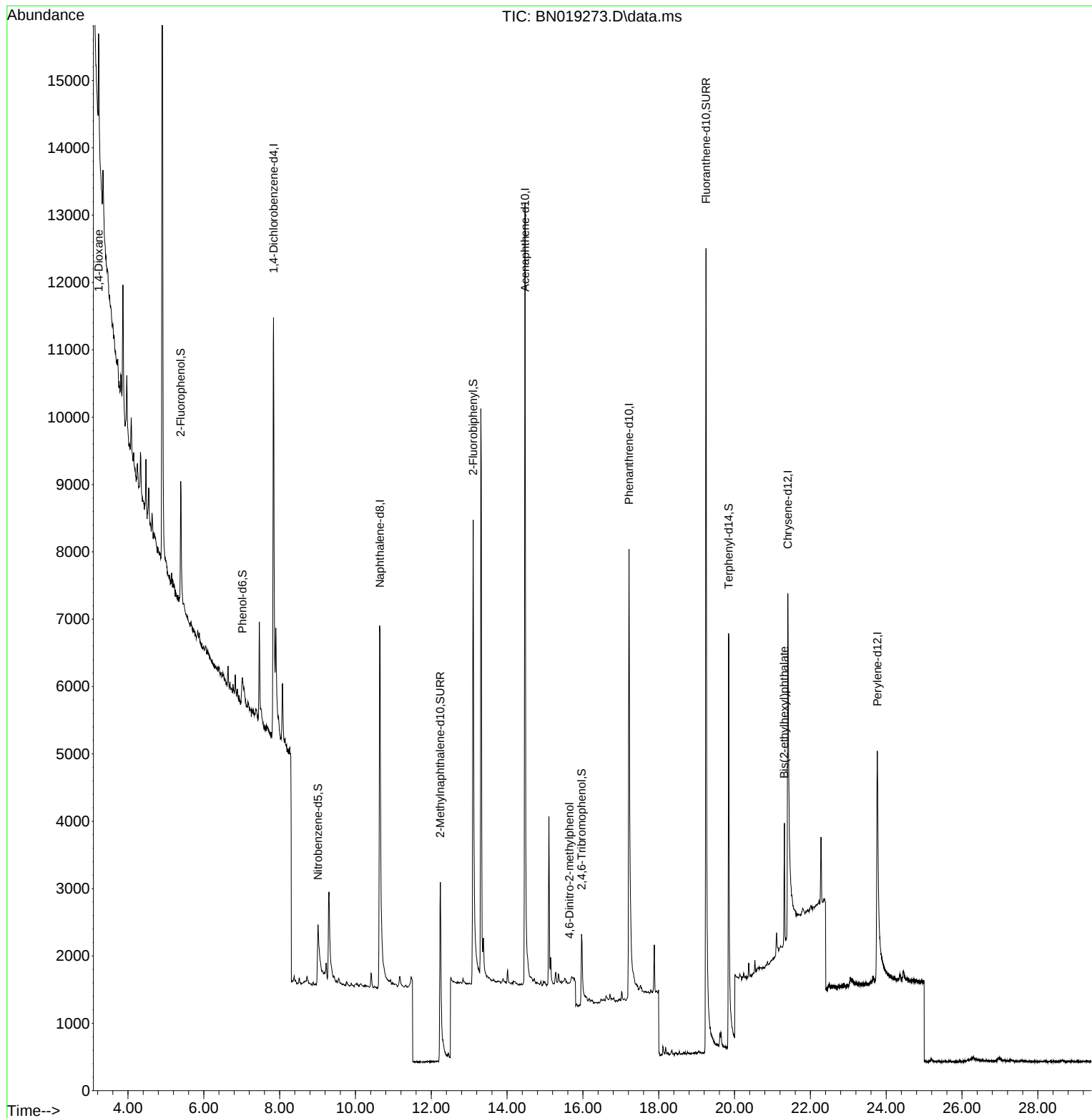
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.840  | 152  | 4307     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.648 | 136  | 11418    | 0.400 | ng    | # 0.01   |
| 13) Acenaphthene-d10          | 14.474 | 164  | 7482     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.215 | 188  | 14494    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.404 | 240  | 9902     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.767 | 264  | 8182     | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.391  | 112  | 1739     | 0.185 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.016  | 99   | 687      | 0.069 | ng    | 0.02     |
| 8) Nitrobenzene-d5            | 9.014  | 82   | 1912     | 0.233 | ng    | 0.02     |
| 11) 2-Methylnaphthalene-d10   | 12.238 | 152  | 6288     | 0.347 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.964 | 330  | 980      | 0.280 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.105 | 172  | 8345     | 0.278 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.248 | 212  | 19006    | 0.437 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.843 | 244  | 10281    | 0.467 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.225  | 88   | 968      | 0.169 | ng    | # 57     |
| 20) 4,6-Dinitro-2-methylph... | 15.650 | 198  | 4        | 0.092 | ng    | # 1      |
| 34) Bis(2-ethylhexyl)phtha... | 21.315 | 149  | 1743     | 0.084 | ng    | # 98     |
| -----                         |        |      |          |       |       |          |

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

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ALS Vial : 27 Sample Multiplier: 1

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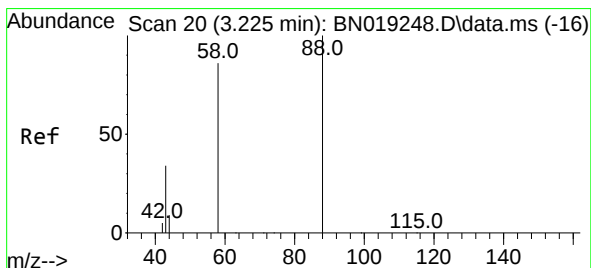
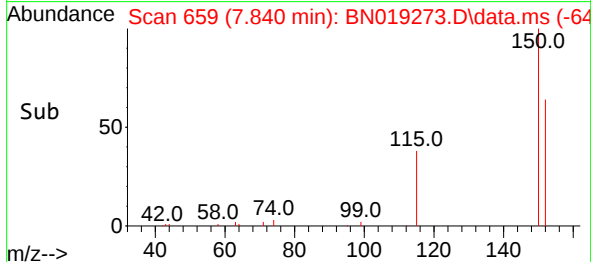
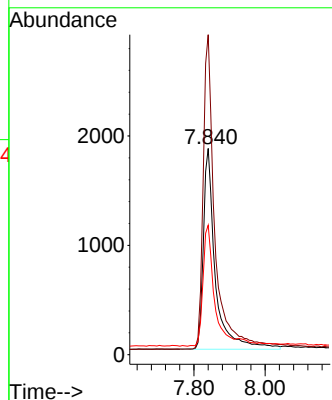
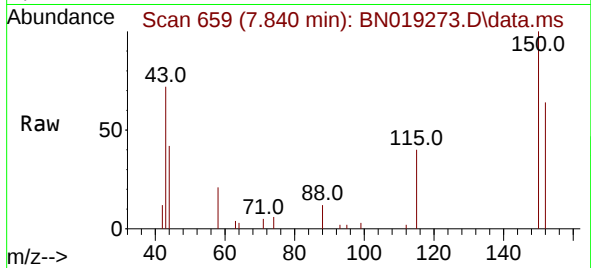




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.840 min Scan# 61  
 Delta R.T. 0.007 min  
 Lab File: BN019273.D  
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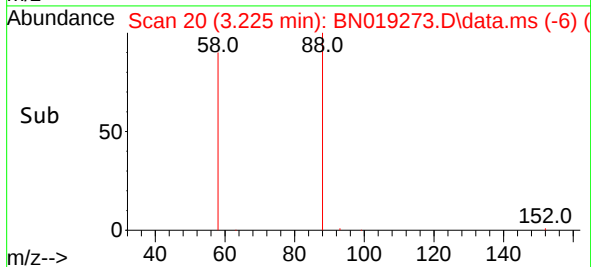
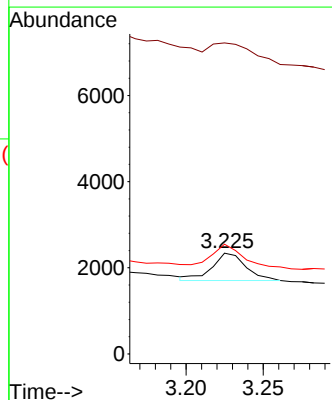
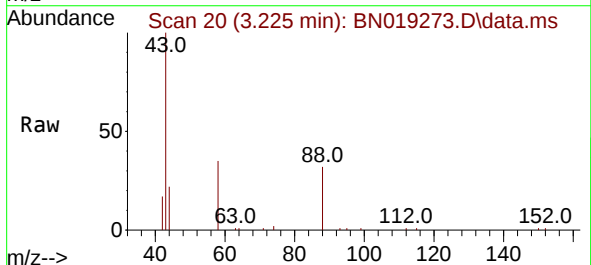
Instrument :  
 BNA\_N  
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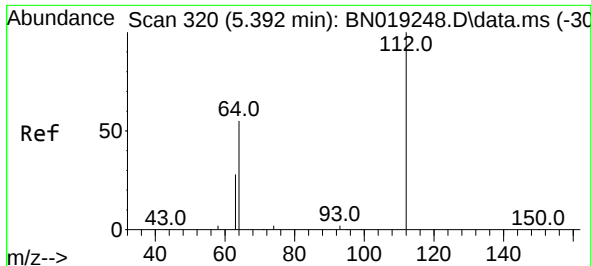
Tgt Ion:152 Resp: 4307  
 Ion Ratio Lower Upper  
 152 100  
 150 155.2 123.9 185.9  
 115 62.8 48.2 72.4



#2  
 1,4-Dioxane  
 Concen: 0.169 ng  
 RT: 3.225 min Scan# 20  
 Delta R.T. -0.000 min  
 Lab File: BN019273.D  
 Acq: 01 Apr 2022 03:55

Tgt Ion: 88 Resp: 968  
 Ion Ratio Lower Upper  
 88 100  
 43 95.9 24.6 37.0#  
 58 69.3 65.4 98.2

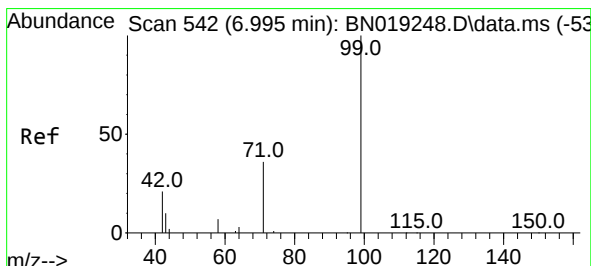
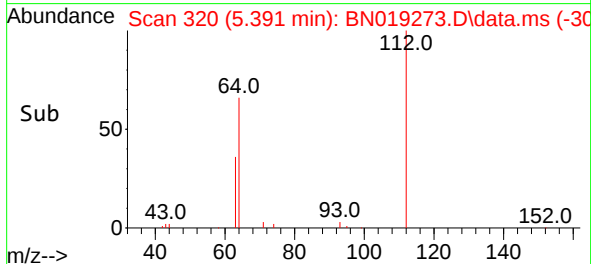
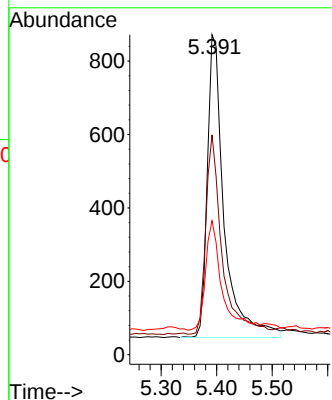
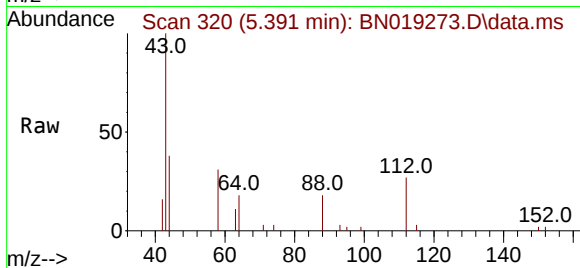




#4  
2-Fluorophenol  
Concen: 0.185 ng  
RT: 5.391 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: BN019273.D  
Acq: 01 Apr 2022 03:55

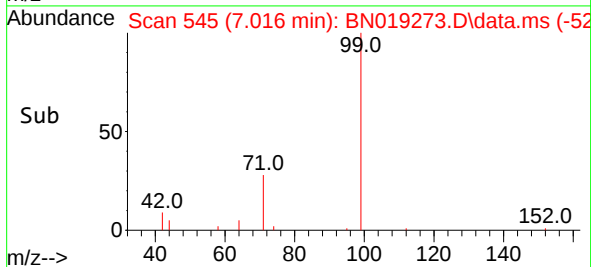
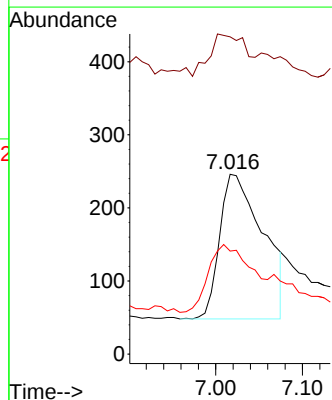
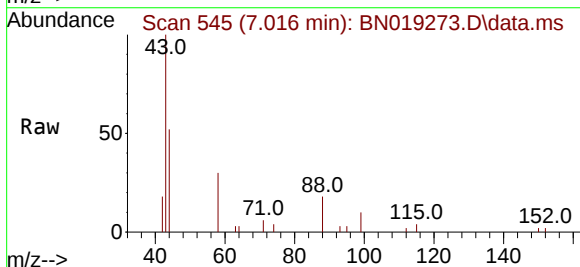
Instrument :  
BNA\_N  
ClientSampleId :  
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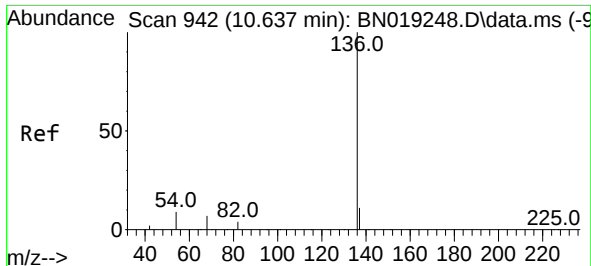
Tgt Ion:112 Resp: 1739  
Ion Ratio Lower Upper  
112 100  
64 63.9 47.8 71.8  
63 36.8 25.7 38.5



#5  
Phenol-d6  
Concen: 0.069 ng  
RT: 7.016 min Scan# 545  
Delta R.T. 0.022 min  
Lab File: BN019273.D  
Acq: 01 Apr 2022 03:55

Tgt Ion: 99 Resp: 687  
Ion Ratio Lower Upper  
99 100  
42 24.5 16.2 24.4#  
71 47.9 27.7 41.5#

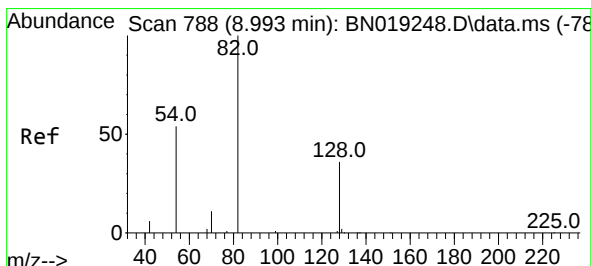
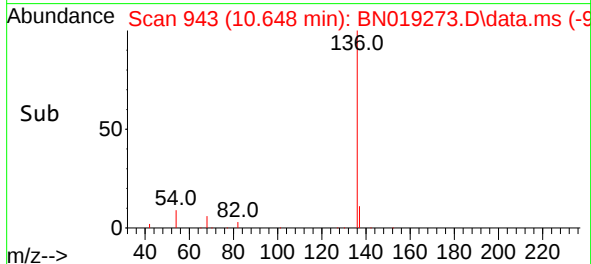
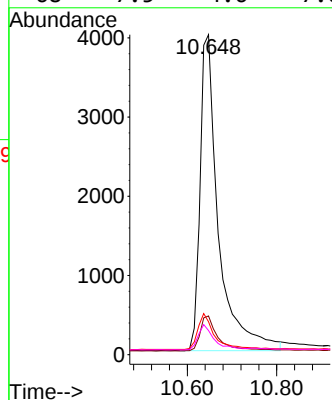
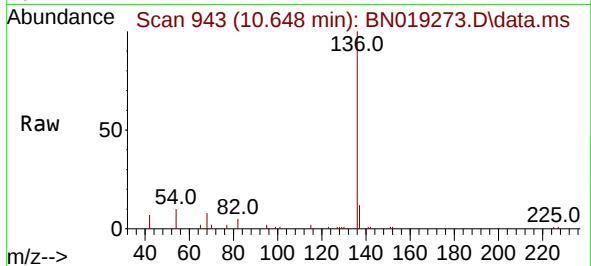




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.648 min Scan# 94  
Delta R.T. 0.011 min  
Lab File: BN019273.D  
Acq: 01 Apr 2022 03:55

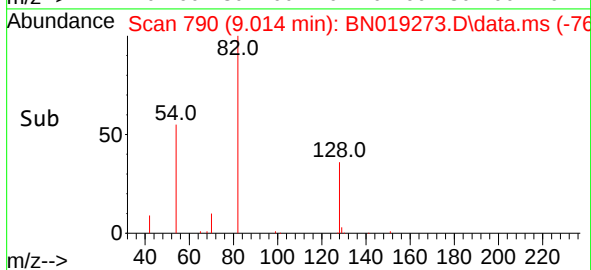
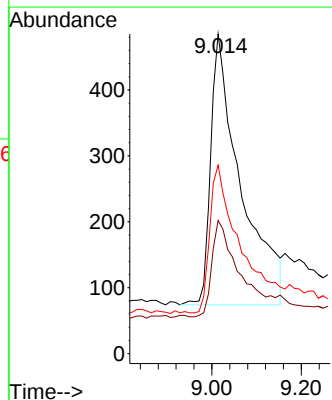
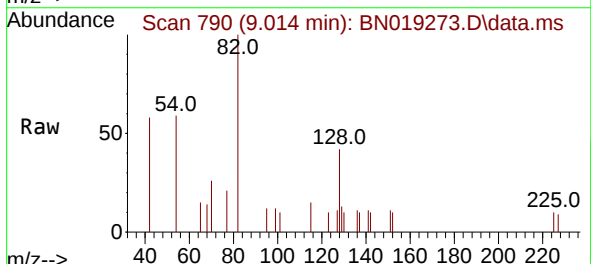
Instrument :  
BNA\_N  
ClientSampleId :  
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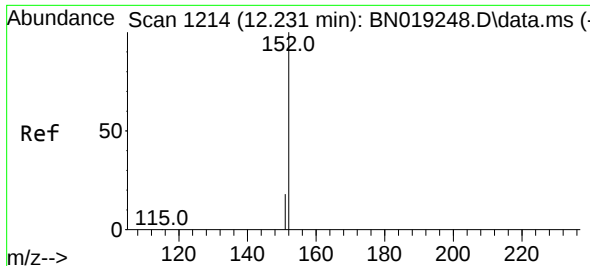
|             |       |          |
|-------------|-------|----------|
| Tgt Ion:136 | Resp: | 11418    |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 12.1  | 9.0 13.4 |
| 54          | 10.3  | 5.8 8.6# |
| 68          | 7.5   | 4.6 7.0# |



#8  
Nitrobenzene-d5  
Concen: 0.233 ng  
RT: 9.014 min Scan# 790  
Delta R.T. 0.021 min  
Lab File: BN019273.D  
Acq: 01 Apr 2022 03:55

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 82 | Resp: | 1912      |
| Ion Ratio   | Lower | Upper     |
| 82          | 100   |           |
| 128         | 41.6  | 33.0 49.6 |
| 54          | 59.0  | 42.5 63.7 |

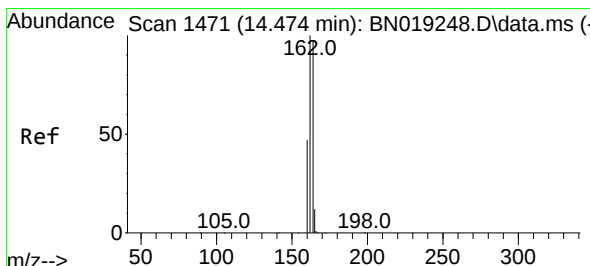
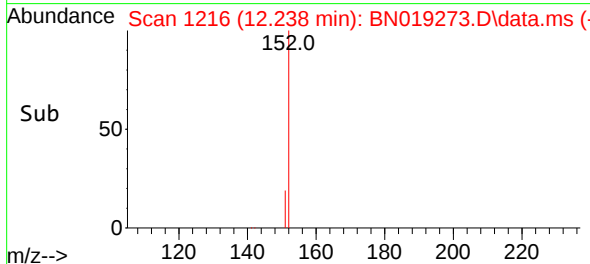
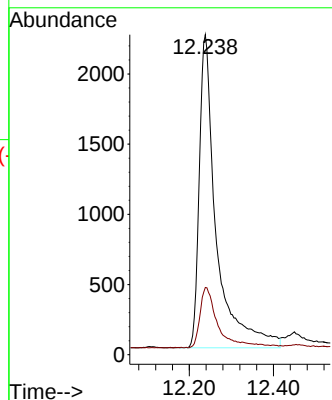
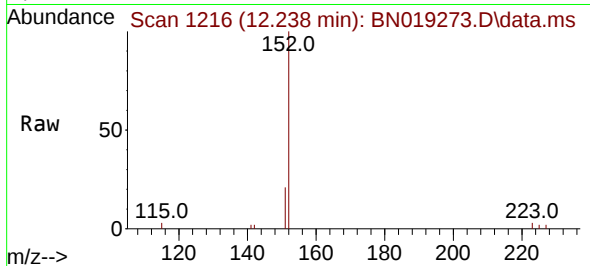




#11  
2-Methylnaphthalene-d10  
Concen: 0.347 ng  
RT: 12.238 min Scan# 1216  
Delta R.T. 0.007 min  
Lab File: BN019273.D  
Acq: 01 Apr 2022 03:55

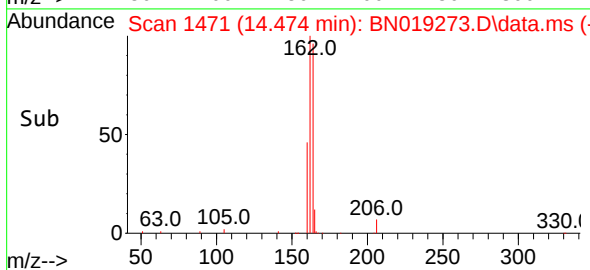
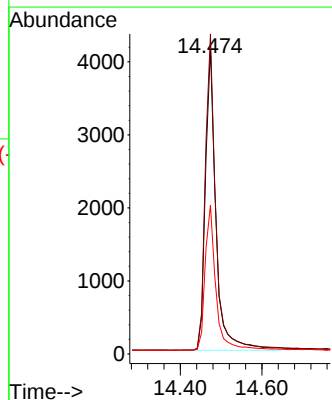
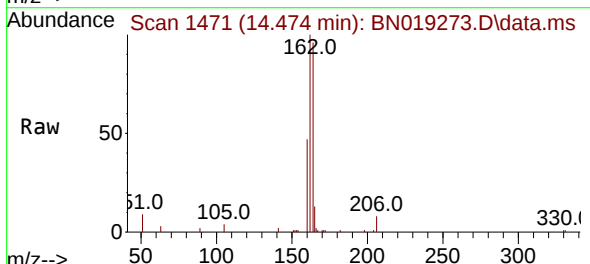
Instrument :  
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ClientSampleId :  
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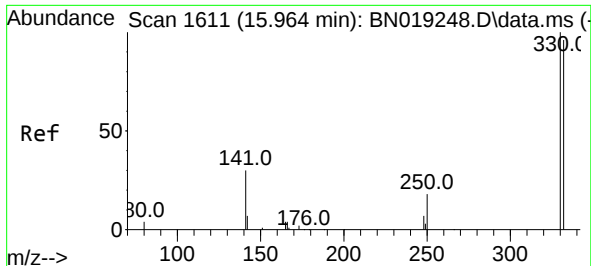
Tgt Ion:152 Resp: 6288  
Ion Ratio Lower Upper  
152 100  
151 18.8 16.5 24.7



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.474 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: BN019273.D  
Acq: 01 Apr 2022 03:55

Tgt Ion:164 Resp: 7482  
Ion Ratio Lower Upper  
164 100  
162 104.4 85.2 127.8  
160 48.6 41.5 62.3

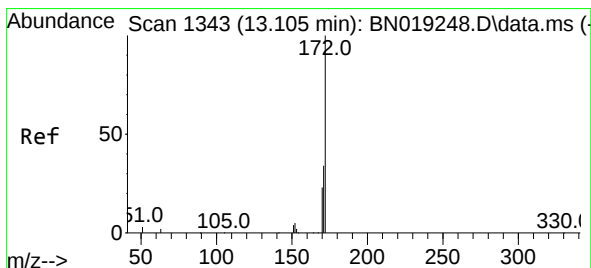
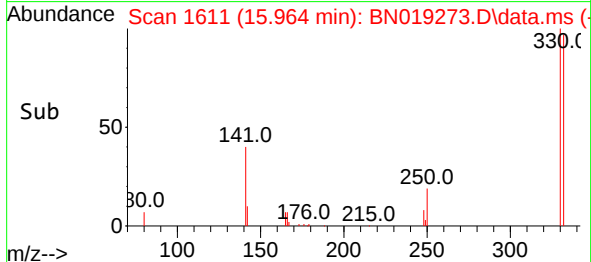
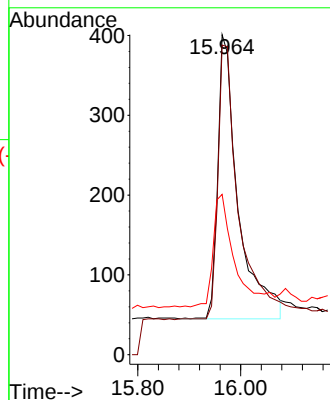
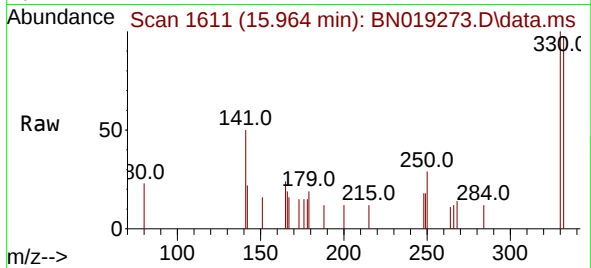




#14  
2,4,6-Tribromophenol  
Concen: 0.280 ng  
RT: 15.964 min Scan# 1611  
Delta R.T. -0.000 min  
Lab File: BN019273.D  
Acq: 01 Apr 2022 03:55

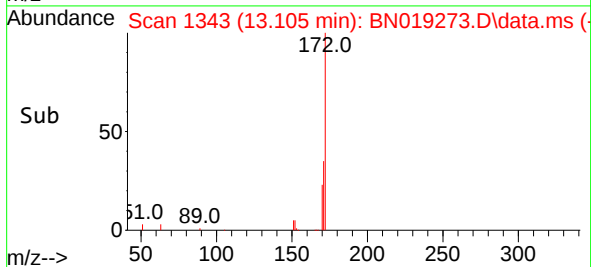
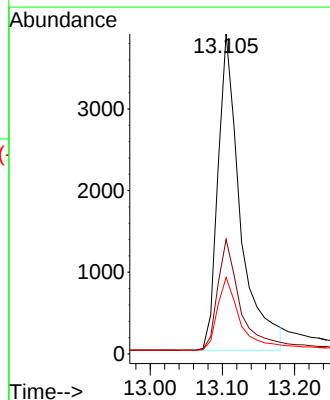
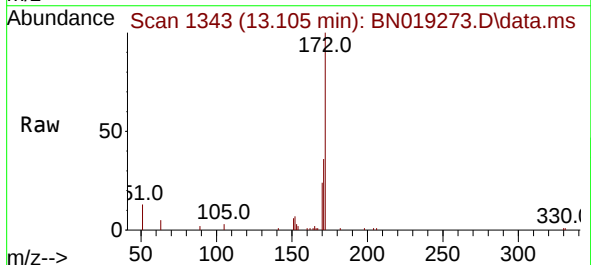
Instrument :  
BNA\_N  
ClientSampleId :  
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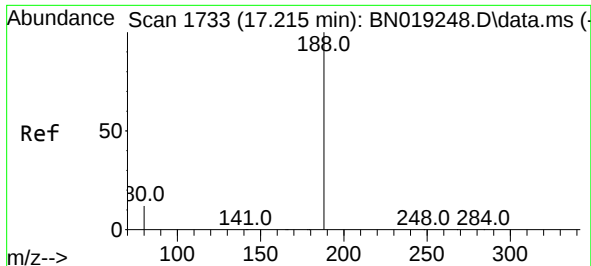
Tgt Ion:330 Resp: 980  
Ion Ratio Lower Upper  
330 100  
332 97.3 76.8 115.2  
141 42.0 32.2 48.2



#15  
2-Fluorobiphenyl  
Concen: 0.278 ng  
RT: 13.105 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: BN019273.D  
Acq: 01 Apr 2022 03:55

Tgt Ion:172 Resp: 8345  
Ion Ratio Lower Upper  
172 100  
171 35.8 28.2 42.2  
170 23.9 18.7 28.1

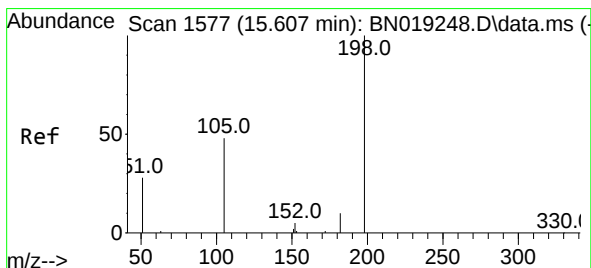
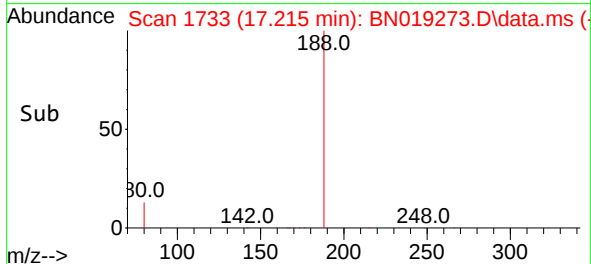
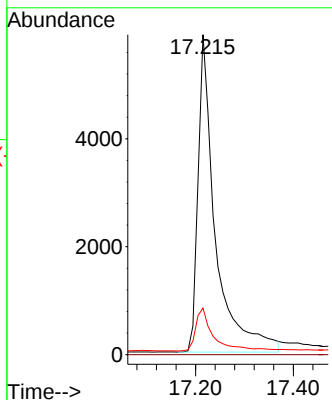
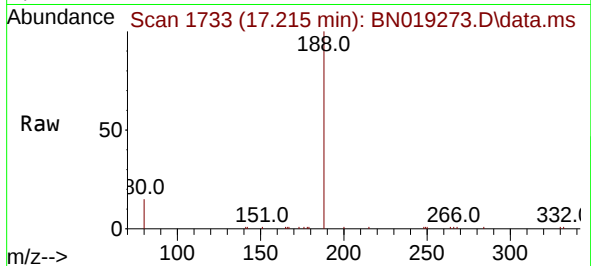




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.215 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN019273.D  
Acq: 01 Apr 2022 03:55

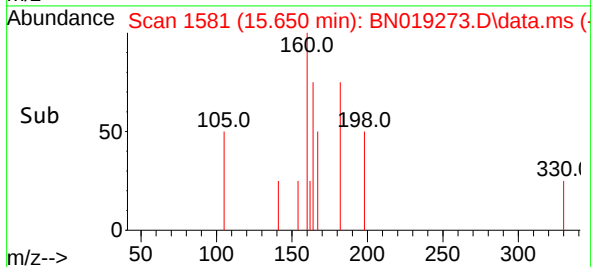
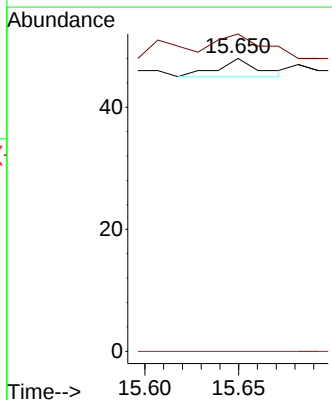
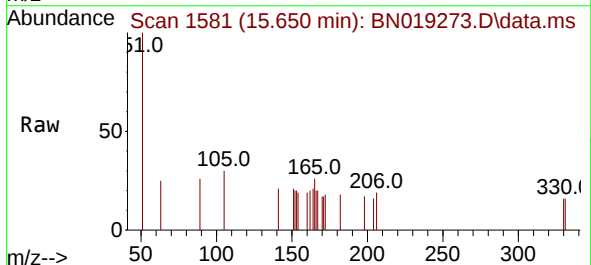
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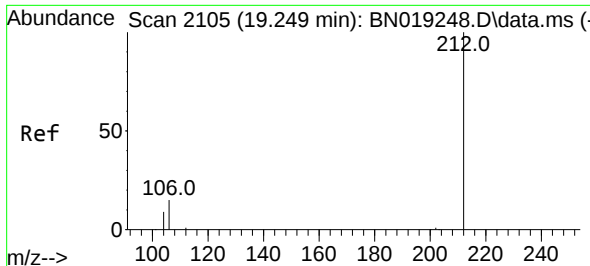
Tgt Ion:188 Resp: 14494  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 14.5 11.8 17.8



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.092 ng  
RT: 15.650 min Scan# 1581  
Delta R.T. 0.043 min  
Lab File: BN019273.D  
Acq: 01 Apr 2022 03:55

Tgt Ion:198 Resp: 4  
Ion Ratio Lower Upper  
198 100  
182 108.3 13.0 19.4#  
77 0.0 0.0 0.0

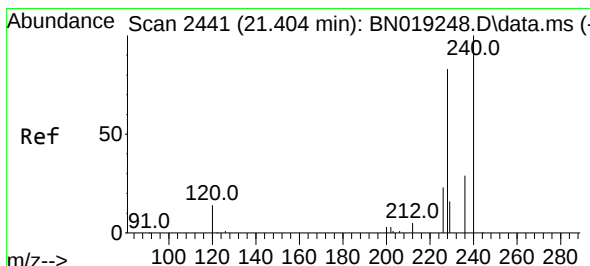
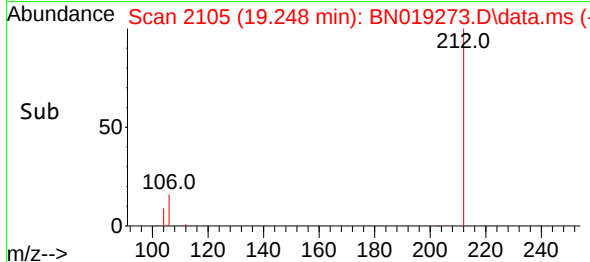
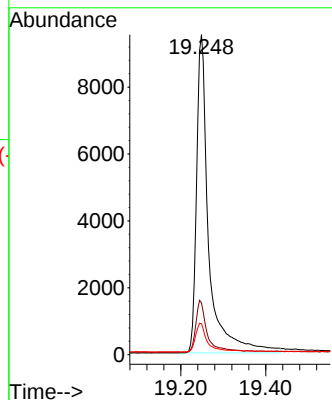
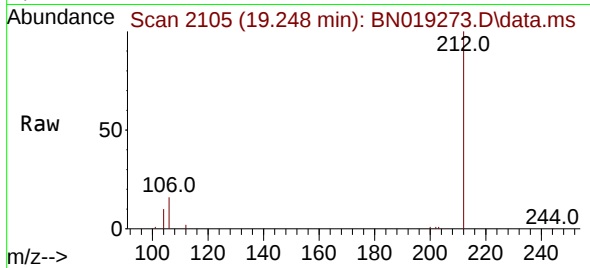




#27  
Fluoranthene-d10  
Concen: 0.437 ng  
RT: 19.248 min Scan# 2105  
Delta R.T. -0.000 min  
Lab File: BN019273.D  
Acq: 01 Apr 2022 03:55

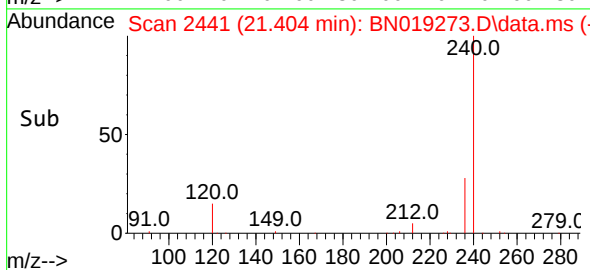
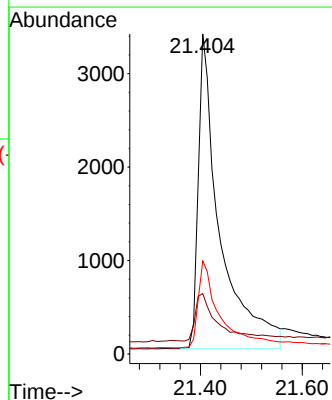
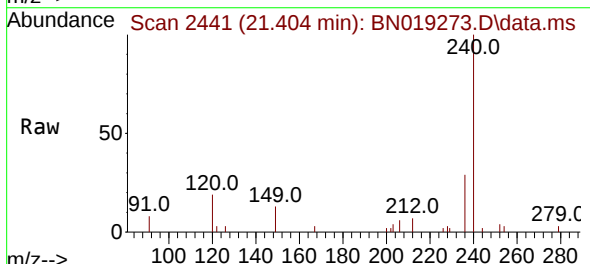
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MW-8

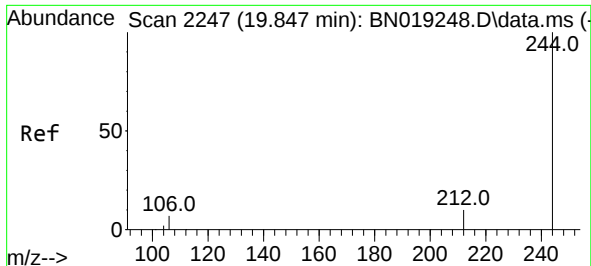
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Ion Ratio Lower Upper  
212 100  
106 15.3 12.7 19.1  
104 8.7 7.1 10.7



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.404 min Scan# 2441  
Delta R.T. -0.000 min  
Lab File: BN019273.D  
Acq: 01 Apr 2022 03:55

Tgt Ion:240 Resp: 9902  
Ion Ratio Lower Upper  
240 100  
120 18.8 8.5 12.7#  
236 29.0 22.4 33.6

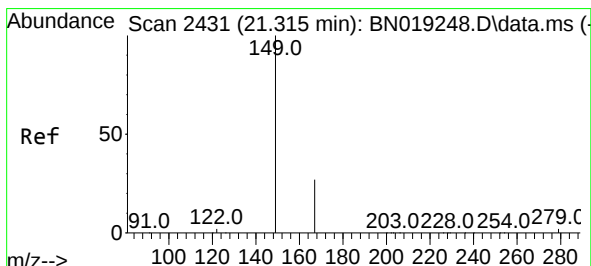
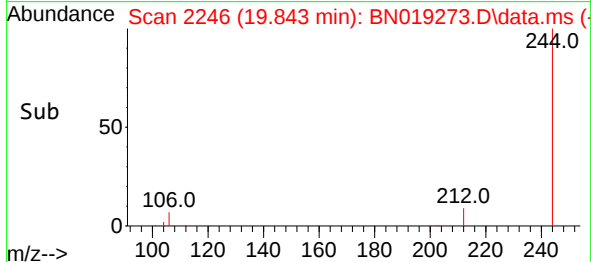
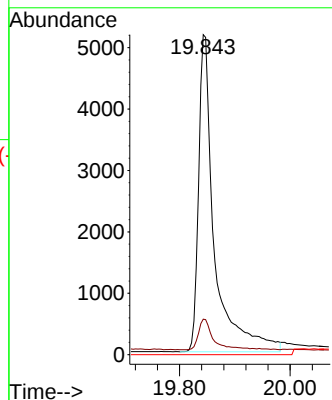
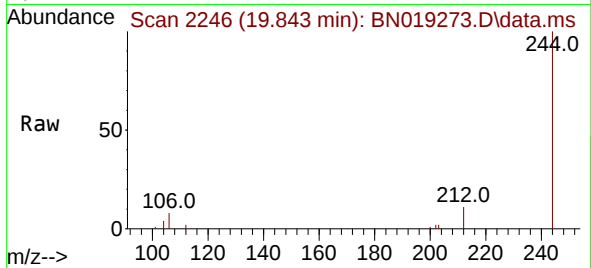




#31  
Terphenyl-d14  
Concen: 0.467 ng  
RT: 19.843 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BN019273.D  
Acq: 01 Apr 2022 03:55

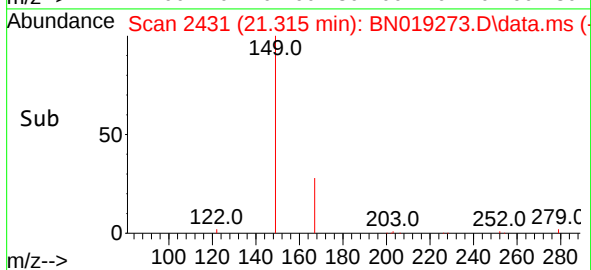
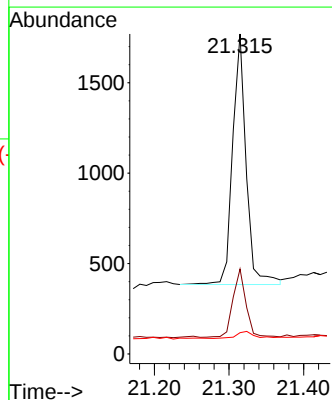
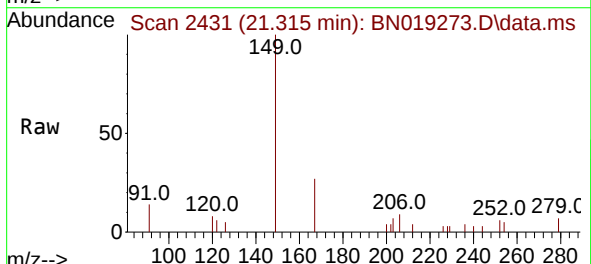
Instrument :  
BNA\_N  
ClientSampleId :  
MW-8

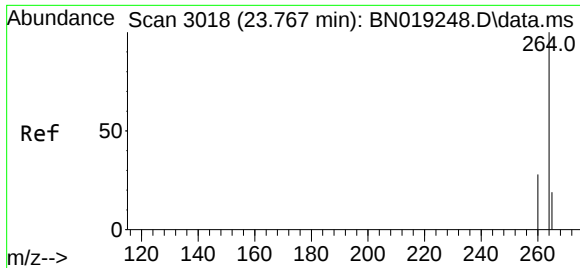
Tgt Ion:244 Resp: 10281  
Ion Ratio Lower Upper  
244 100  
212 11.1 8.2 12.4  
122 0.0 0.0 0.0



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.084 ng  
RT: 21.315 min Scan# 2431  
Delta R.T. -0.000 min  
Lab File: BN019273.D  
Acq: 01 Apr 2022 03:55

Tgt Ion:149 Resp: 1743  
Ion Ratio Lower Upper  
149 100  
167 26.3 21.8 32.8  
279 4.1 2.0 3.0#





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.767 min Scan# 30  
 Delta R.T. -0.000 min  
 Lab File: BN019273.D  
 Acq: 01 Apr 2022 03:55

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-8

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:264 | Resp: | 8182        |
| Ion         | Ratio | Lower Upper |
| 264         | 100   |             |
| 260         | 28.6  | 22.4 33.6   |
| 265         | 52.0  | 25.3 37.9#  |

