

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062822\  
 Data File : BN020550.D  
 Acq On : 29 Jun 2022 01:01  
 Operator : CG/JU  
 Sample : N3457-03  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW179D2-20220617

Quant Time: Jun 29 02:03:15 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN062622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 27 02:03:21 2022  
 Response via : Initial Calibration

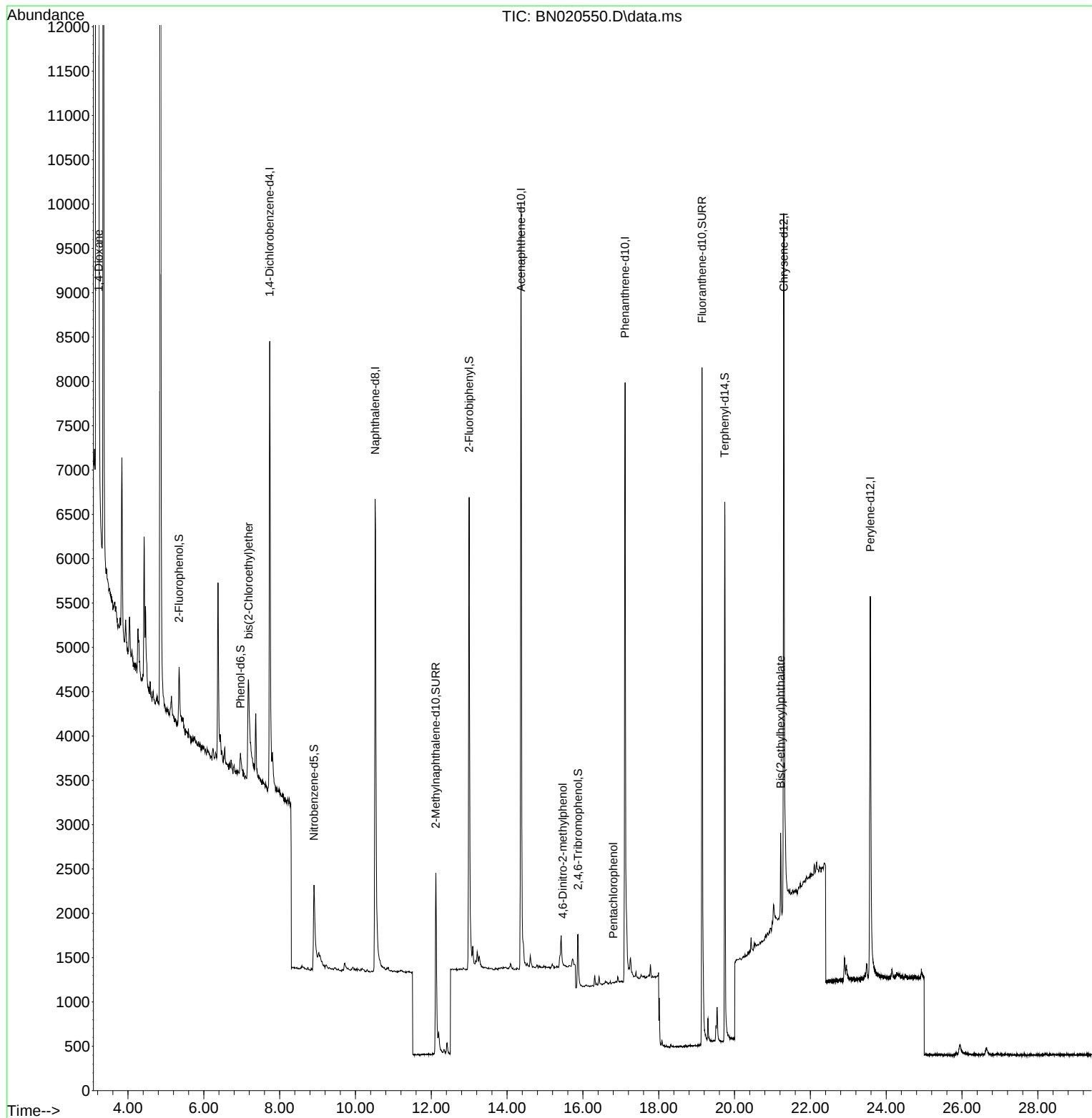
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.739  | 152  | 3189     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.519 | 136  | 9523     | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.367 | 164  | 5402     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.113 | 188  | 11042    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.297 | 240  | 9064     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.580 | 264  | 7071     | 0.400 | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.348  | 112  | 786      | 0.089 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.966  | 99   | 420      | 0.040 | ng    | 0.02     |
| 8) Nitrobenzene-d5            | 8.907  | 82   | 1487     | 0.193 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 12.121 | 152  | 3965     | 0.243 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.872 | 330  | 436      | 0.214 | ng    | 0.01     |
| 15) 2-Fluorobiphenyl          | 12.998 | 172  | 5848     | 0.262 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.143 | 212  | 9656     | 0.294 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.742 | 244  | 7433     | 0.343 | ng    | -0.01    |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.225  | 88   | 2720     | 0.651 | ng    | 91       |
| 6) bis(2-Chloroethyl)ether    | 7.183  | 93   | 348      | 0.038 | ng    | 93       |
| 20) 4,6-Dinitro-2-methylph... | 15.468 | 198  | 1        | 0.226 | ng    | # 1      |
| 24) Pentachlorophenol         | 16.805 | 266  | 12       | 0.189 | ng    | # 61     |
| 34) Bis(2-ethylhexyl)phtha... | 21.216 | 149  | 939      | 0.051 | ng    | # 96     |
| -----                         |        |      |          |       |       |          |

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

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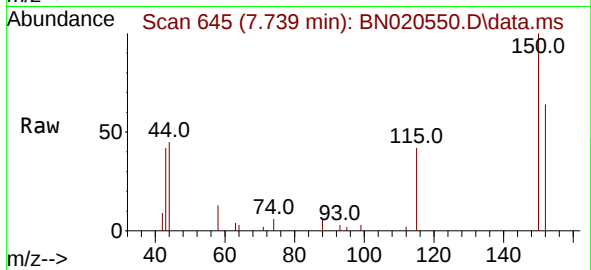
Quant Time: Jun 29 02:03:15 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN062622.M  
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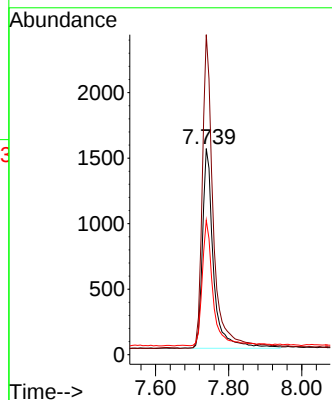
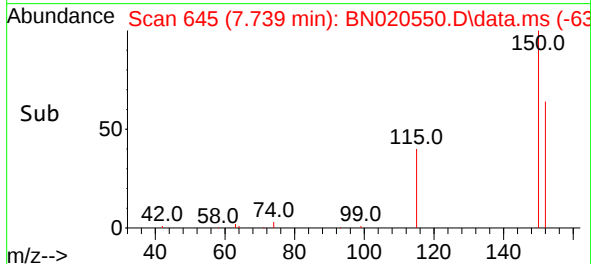


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.739 min Scan# 64  
 Delta R.T. -0.000 min  
 Lab File: BN020550.D  
 Acq: 29 Jun 2022 01:01

Instrument :  
 BNA\_N  
 ClientSampleId :  
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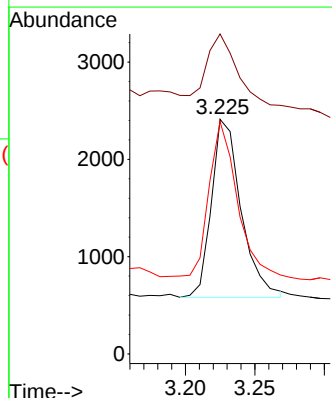
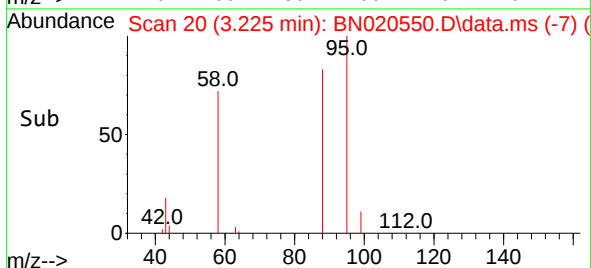
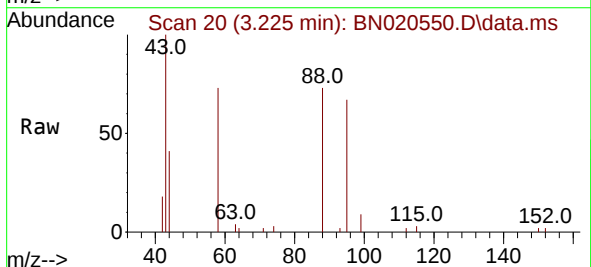


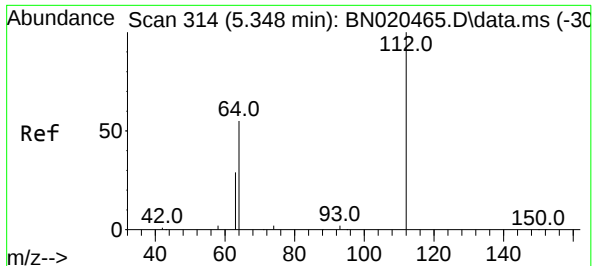
Tgt Ion:152 Resp: 3189  
 Ion Ratio Lower Upper  
 152 100  
 150 155.2 127.9 191.9  
 115 65.2 51.4 77.2



#2  
 1,4-Dioxane  
 Concen: 0.651 ng  
 RT: 3.225 min Scan# 20  
 Delta R.T. -0.007 min  
 Lab File: BN020550.D  
 Acq: 29 Jun 2022 01:01

Tgt Ion: 88 Resp: 2720  
 Ion Ratio Lower Upper  
 88 100  
 43 39.7 30.2 45.2  
 58 81.1 73.0 109.6

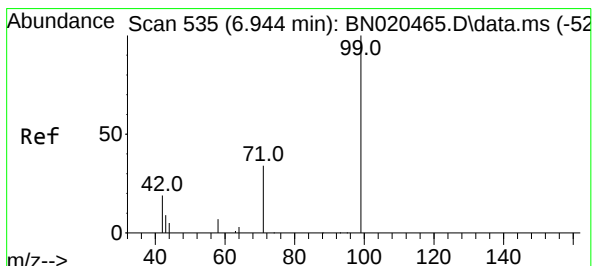
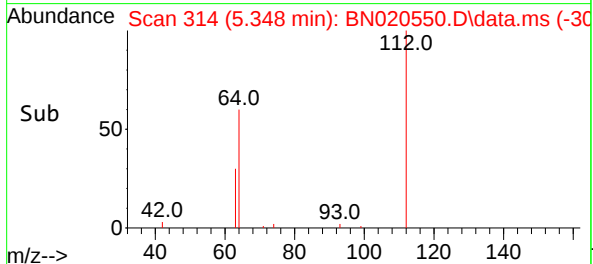
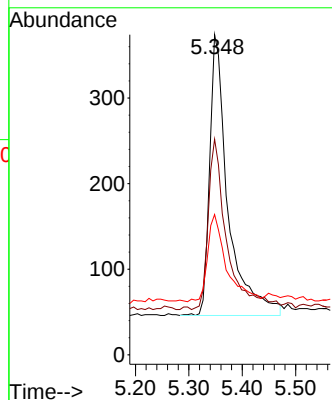
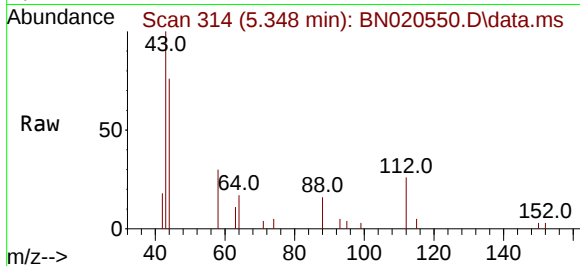




#4  
2-Fluorophenol  
Concen: 0.089 ng  
RT: 5.348 min Scan# 314  
Delta R.T. -0.000 min  
Lab File: BN020550.D  
Acq: 29 Jun 2022 01:01

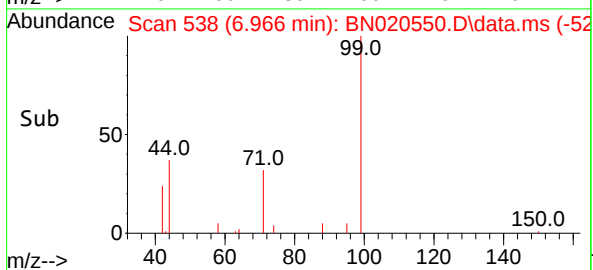
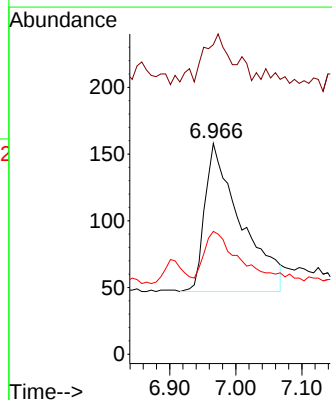
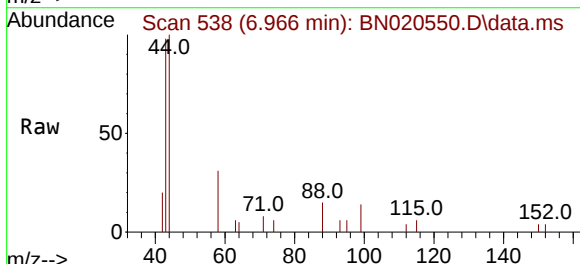
Instrument :  
BNA\_N  
ClientSampleId :  
MW179D2-20220617

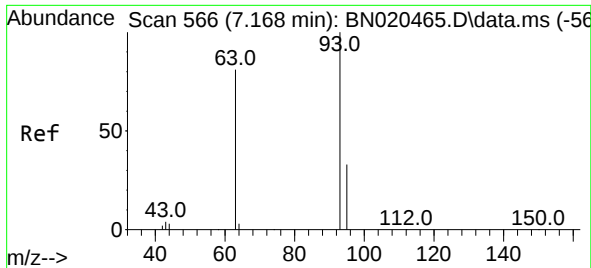
Tgt Ion:112 Resp: 786  
Ion Ratio Lower Upper  
112 100  
64 61.6 49.1 73.7  
63 31.9 26.3 39.5



#5  
Phenol-d6  
Concen: 0.040 ng  
RT: 6.966 min Scan# 538  
Delta R.T. 0.022 min  
Lab File: BN020550.D  
Acq: 29 Jun 2022 01:01

Tgt Ion: 99 Resp: 420  
Ion Ratio Lower Upper  
99 100  
42 31.4 19.3 28.9#  
71 28.8 27.5 41.3

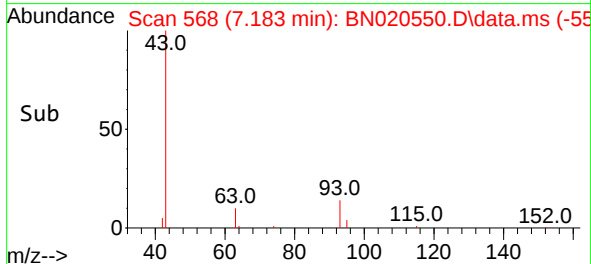
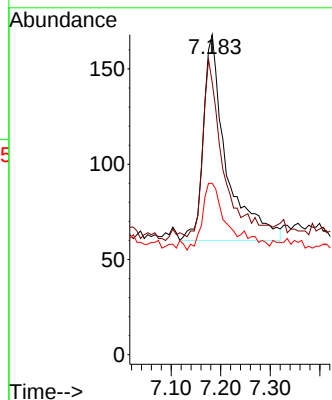
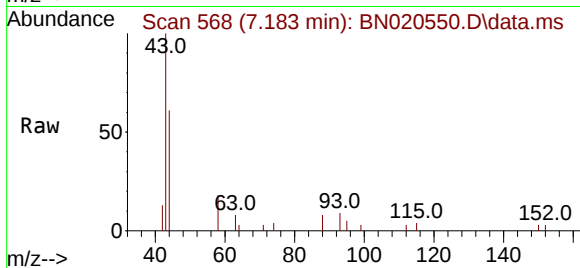




#6  
bis(2-Chloroethyl)ether  
Concen: 0.038 ng  
RT: 7.183 min Scan# 568  
Delta R.T. 0.014 min  
Lab File: BN020550.D  
Acq: 29 Jun 2022 01:01

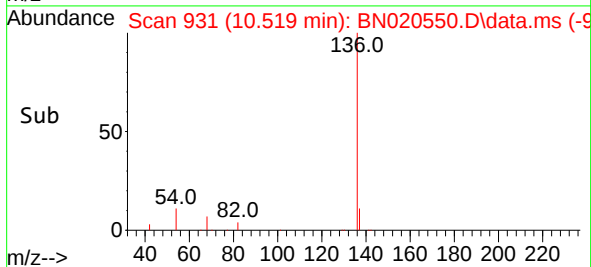
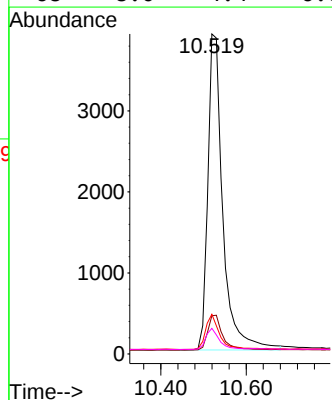
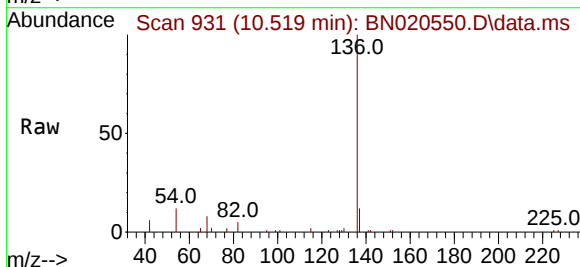
Instrument :  
BNA\_N  
ClientSampleId :  
MW179D2-20220617

Tgt Ion: 93 Resp: 348  
Ion Ratio Lower Upper  
93 100  
63 77.3 67.4 101.0  
95 29.9 26.5 39.7



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.519 min Scan# 931  
Delta R.T. -0.000 min  
Lab File: BN020550.D  
Acq: 29 Jun 2022 01:01

Tgt Ion: 136 Resp: 9523  
Ion Ratio Lower Upper  
136 100  
137 11.9 9.0 13.6  
54 12.4 6.2 9.2#  
68 8.0 4.4 6.6#

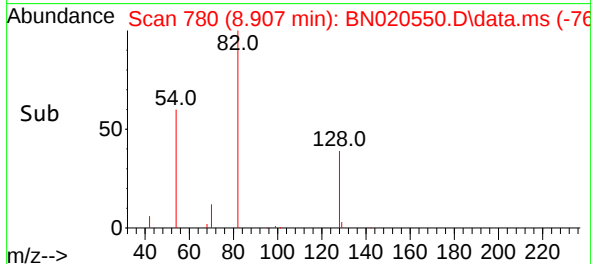
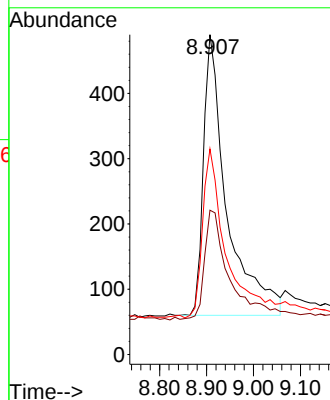
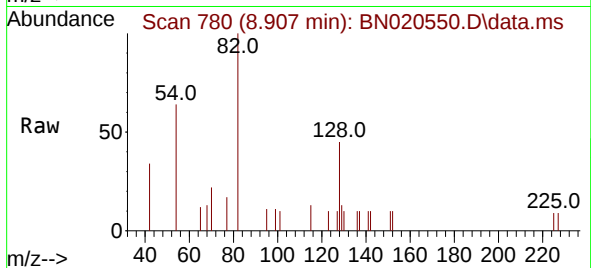




#8  
Nitrobenzene-d5  
Concen: 0.193 ng  
RT: 8.907 min Scan# 779  
Delta R.T. 0.011 min  
Lab File: BN020550.D  
Acq: 29 Jun 2022 01:01

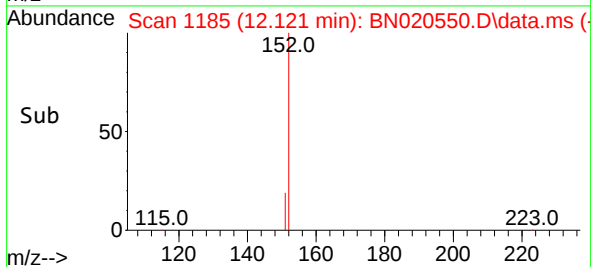
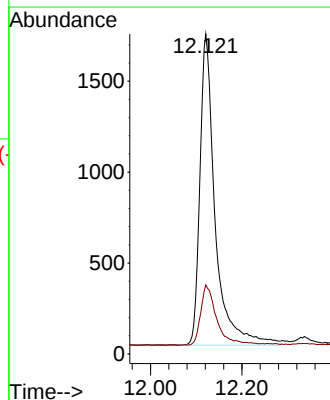
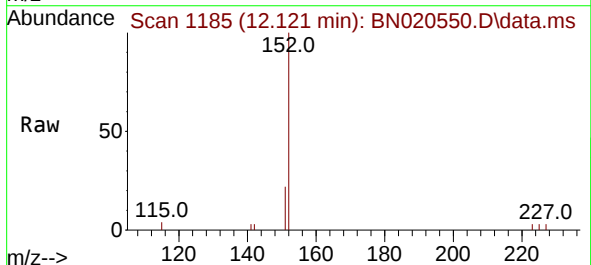
Instrument :  
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ClientSampleId :  
MW179D2-20220617

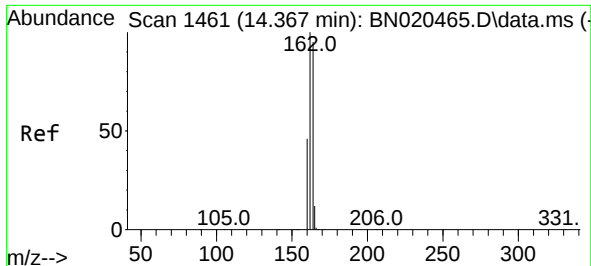
Tgt Ion: 82 Resp: 1487  
Ion Ratio Lower Upper  
82 100  
128 45.1 35.0 52.6  
54 64.3 46.2 69.4



#11  
2-Methylnaphthalene-d10  
Concen: 0.243 ng  
RT: 12.121 min Scan# 1185  
Delta R.T. -0.000 min  
Lab File: BN020550.D  
Acq: 29 Jun 2022 01:01

Tgt Ion: 152 Resp: 3965  
Ion Ratio Lower Upper  
152 100  
151 20.1 16.2 24.4

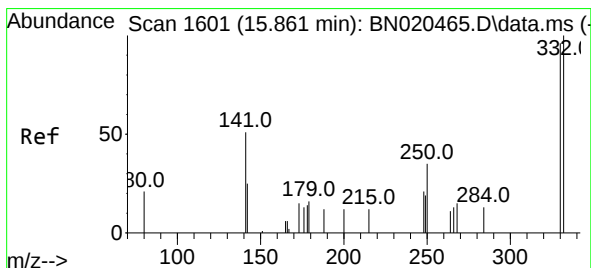
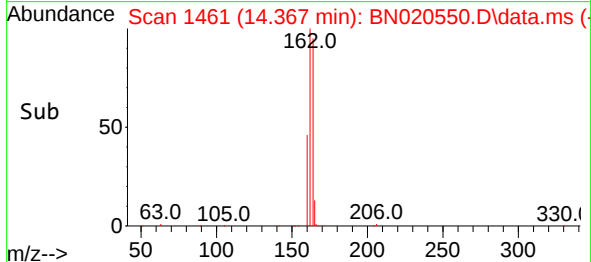
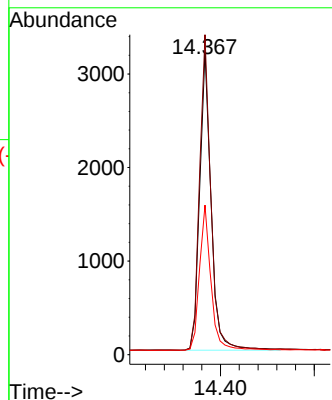
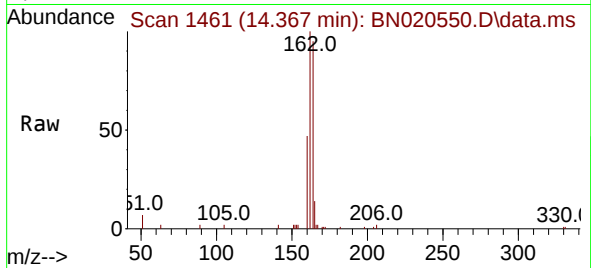




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.367 min Scan# 1461  
Delta R.T. -0.000 min  
Lab File: BN020550.D  
Acq: 29 Jun 2022 01:01

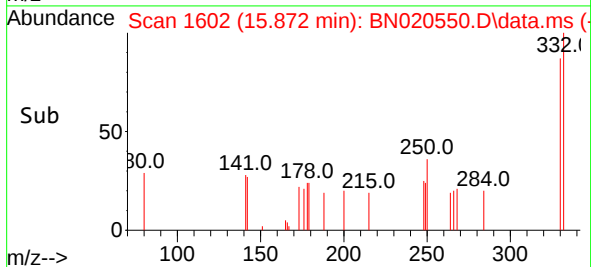
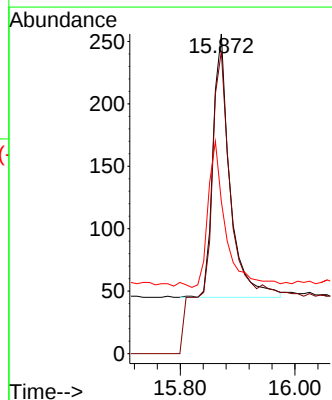
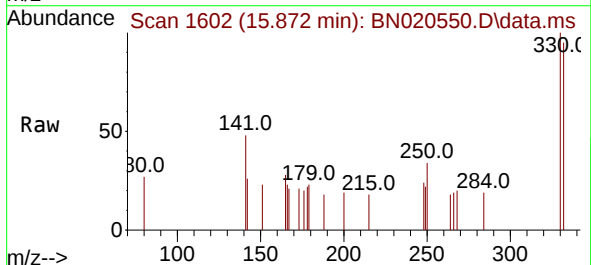
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Tgt Ion:164 Resp: 5402  
Ion Ratio Lower Upper  
164 100  
162 105.7 82.1 123.1  
160 49.4 38.6 58.0



#14  
2,4,6-Tribromophenol  
Concen: 0.214 ng  
RT: 15.872 min Scan# 1602  
Delta R.T. 0.010 min  
Lab File: BN020550.D  
Acq: 29 Jun 2022 01:01

Tgt Ion:330 Resp: 436  
Ion Ratio Lower Upper  
330 100  
332 204.1 77.6 116.4#  
141 57.3 41.0 61.4

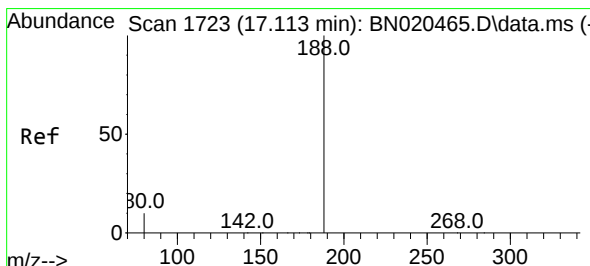
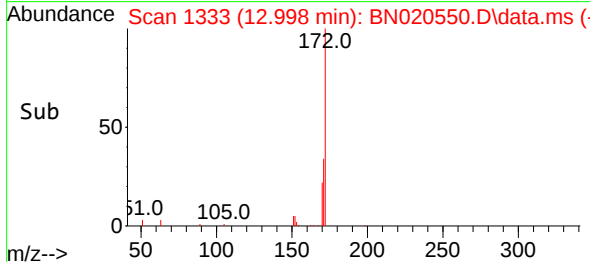
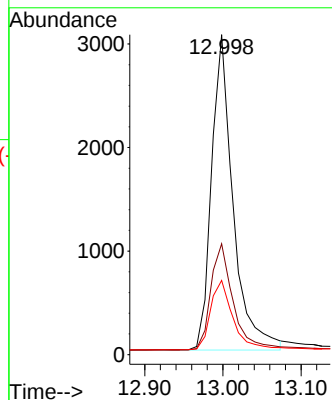
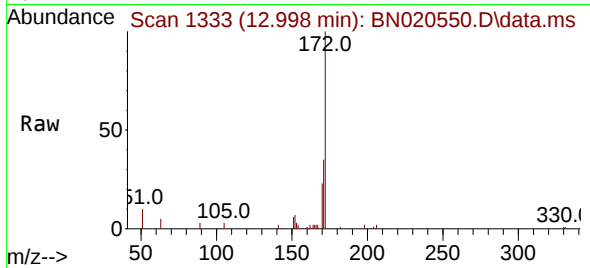




#15  
2-Fluorobiphenyl  
Concen: 0.262 ng  
RT: 12.998 min Scan# 1333  
Delta R.T. -0.000 min  
Lab File: BN020550.D  
Acq: 29 Jun 2022 01:01

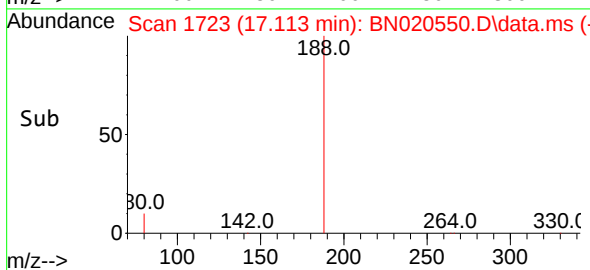
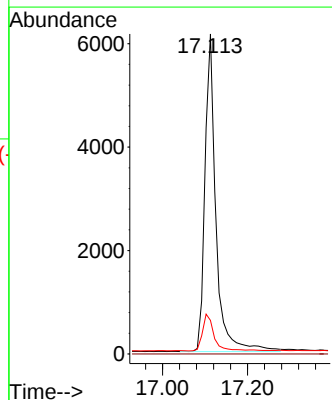
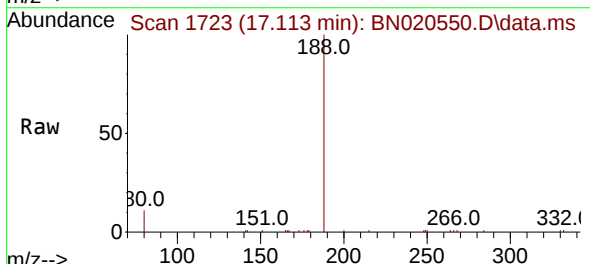
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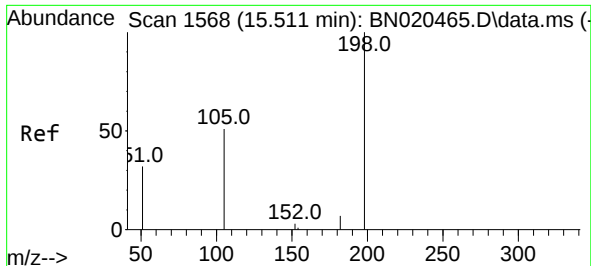
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|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 5848  |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 34.6  | 27.2  | 40.8  |
| 170      | 23.2  | 18.2  | 27.4  |



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.113 min Scan# 1723  
Delta R.T. -0.000 min  
Lab File: BN020550.D  
Acq: 29 Jun 2022 01:01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 188   | Resp: | 11042 |
| Ion      | Ratio | Lower | Upper |
| 188      | 100   |       |       |
| 94       | 0.0   | 0.0   | 0.0   |
| 80       | 10.5  | 7.4   | 11.2  |

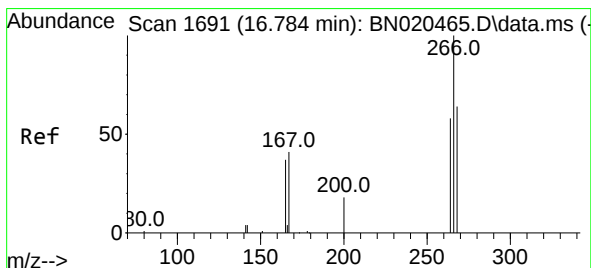
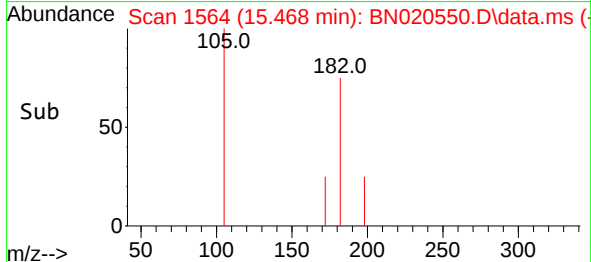
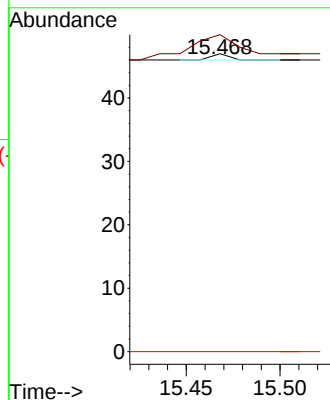
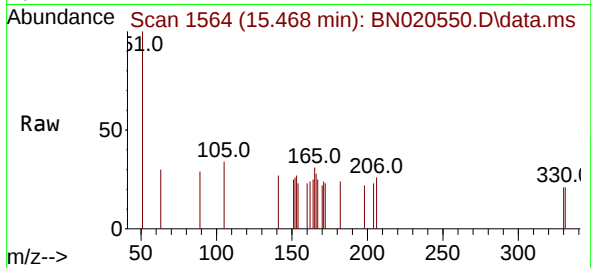




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.226 ng  
RT: 15.468 min Scan# 1564  
Delta R.T. -0.043 min  
Lab File: BN020550.D  
Acq: 29 Jun 2022 01:01

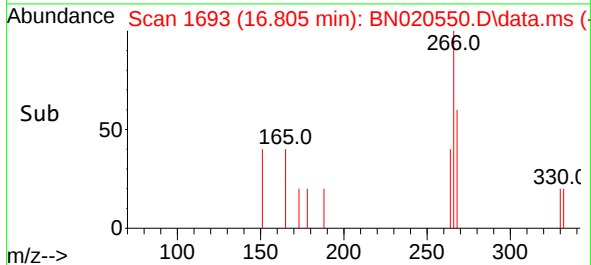
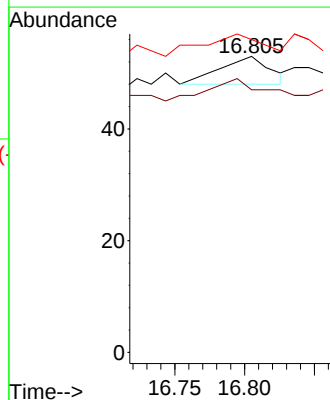
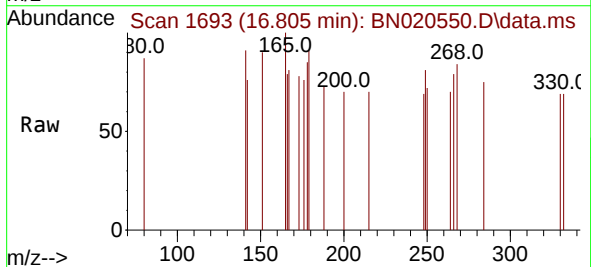
Instrument :  
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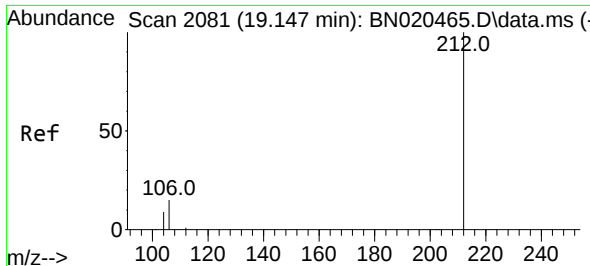
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Ion Ratio Lower Upper  
198 100  
182 106.4 12.1 18.1#  
77 0.0 0.0 0.0



#24  
Pentachlorophenol  
Concen: 0.189 ng  
RT: 16.805 min Scan# 1693  
Delta R.T. 0.021 min  
Lab File: BN020550.D  
Acq: 29 Jun 2022 01:01

Tgt Ion:266 Resp: 12  
Ion Ratio Lower Upper  
266 100  
264 91.7 51.3 76.9#  
268 100.0 52.6 79.0#

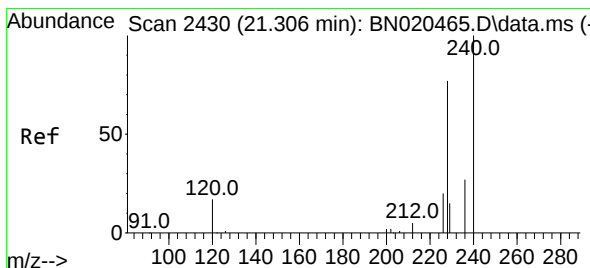
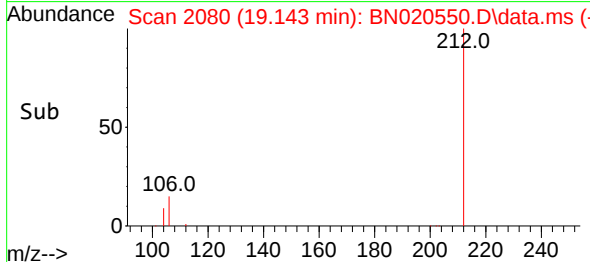
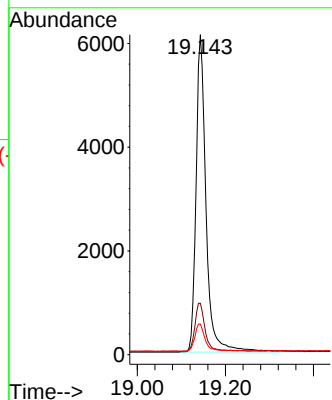
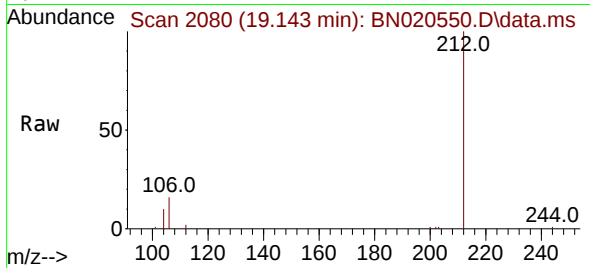




#27  
Fluoranthene-d10  
Concen: 0.294 ng  
RT: 19.143 min Scan# 2080  
Delta R.T. -0.004 min  
Lab File: BN020550.D  
Acq: 29 Jun 2022 01:01

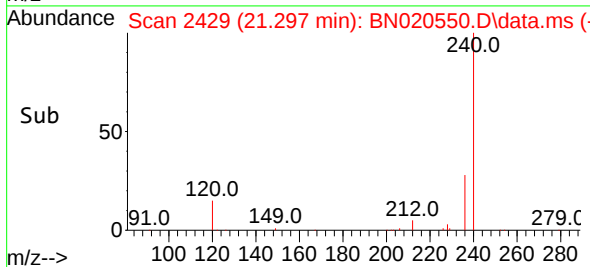
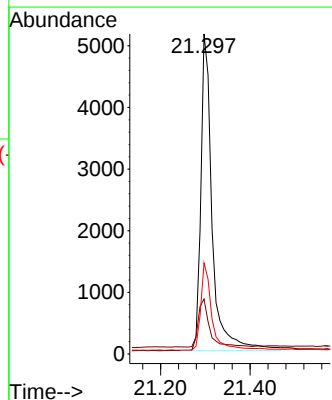
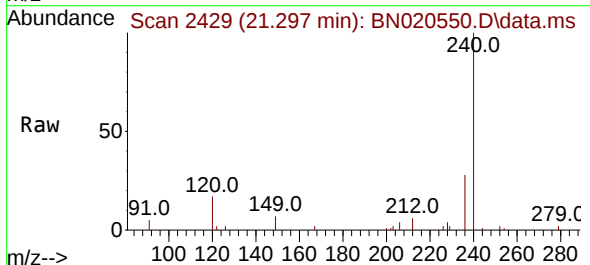
Instrument :  
BNA\_N  
ClientSampleId :  
MW179D2-20220617

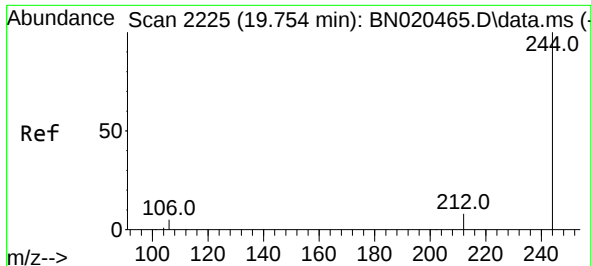
Tgt Ion:212 Resp: 9656  
Ion Ratio Lower Upper  
212 100  
106 15.6 12.6 19.0  
104 8.7 7.2 10.8



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.297 min Scan# 2429  
Delta R.T. -0.009 min  
Lab File: BN020550.D  
Acq: 29 Jun 2022 01:01

Tgt Ion:240 Resp: 9064  
Ion Ratio Lower Upper  
240 100  
120 17.1 14.6 21.8  
236 28.5 22.6 33.8

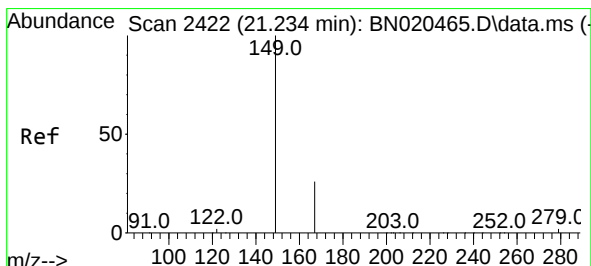
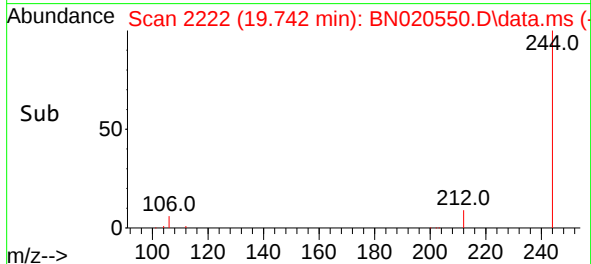
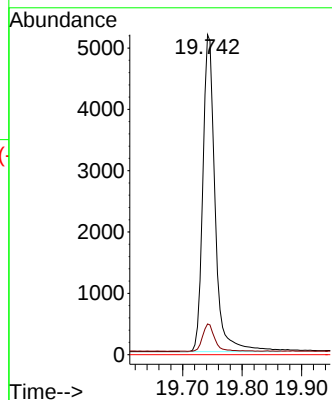
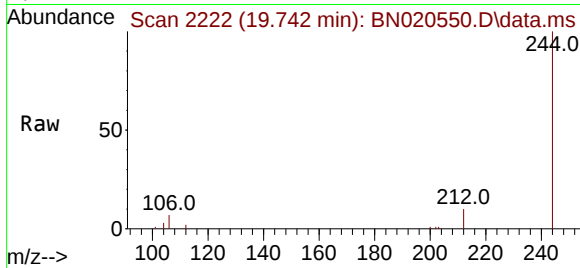




#31  
 Terphenyl-d14  
 Concen: 0.343 ng  
 RT: 19.742 min Scan# 21  
 Delta R.T. -0.013 min  
 Lab File: BN020550.D  
 Acq: 29 Jun 2022 01:01

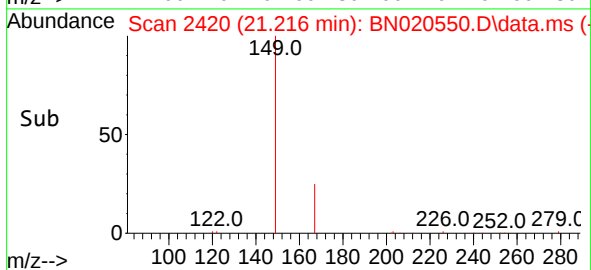
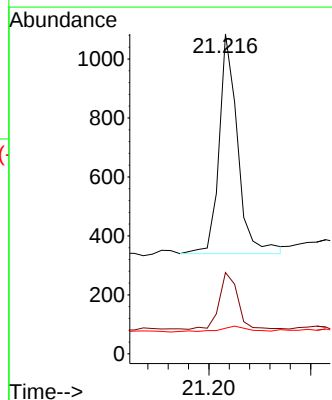
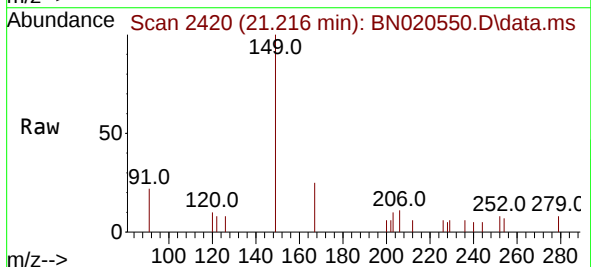
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW179D2-20220617

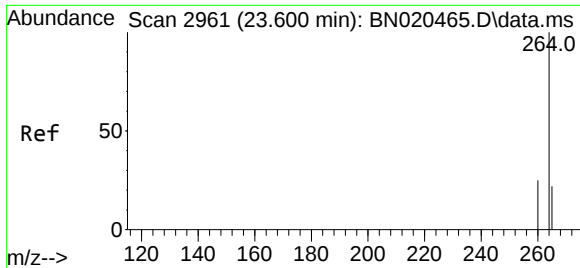
Tgt Ion:244 Resp: 7433  
 Ion Ratio Lower Upper  
 244 100  
 212 9.6 7.1 10.7  
 122 0.0 0.0 0.0



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.051 ng  
 RT: 21.216 min Scan# 2420  
 Delta R.T. -0.018 min  
 Lab File: BN020550.D  
 Acq: 29 Jun 2022 01:01

Tgt Ion:149 Resp: 939  
 Ion Ratio Lower Upper  
 149 100  
 167 25.3 21.7 32.5  
 279 4.5 2.2 3.2#





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.580 min Scan# 2961  
 Delta R.T. -0.021 min  
 Lab File: BN020550.D  
 Acq: 29 Jun 2022 01:01

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW179D2-20220617

Tgt Ion:264 Resp: 7071

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 26.2  | 20.9  | 31.3  |
| 265 | 41.0  | 28.0  | 42.0  |

