

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062722\  
 Data File : BN020510.D  
 Acq On : 27 Jun 2022 21:52  
 Operator : CG/JU  
 Sample : N3368-03  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-110

Quant Time: Jun 28 01:29:16 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

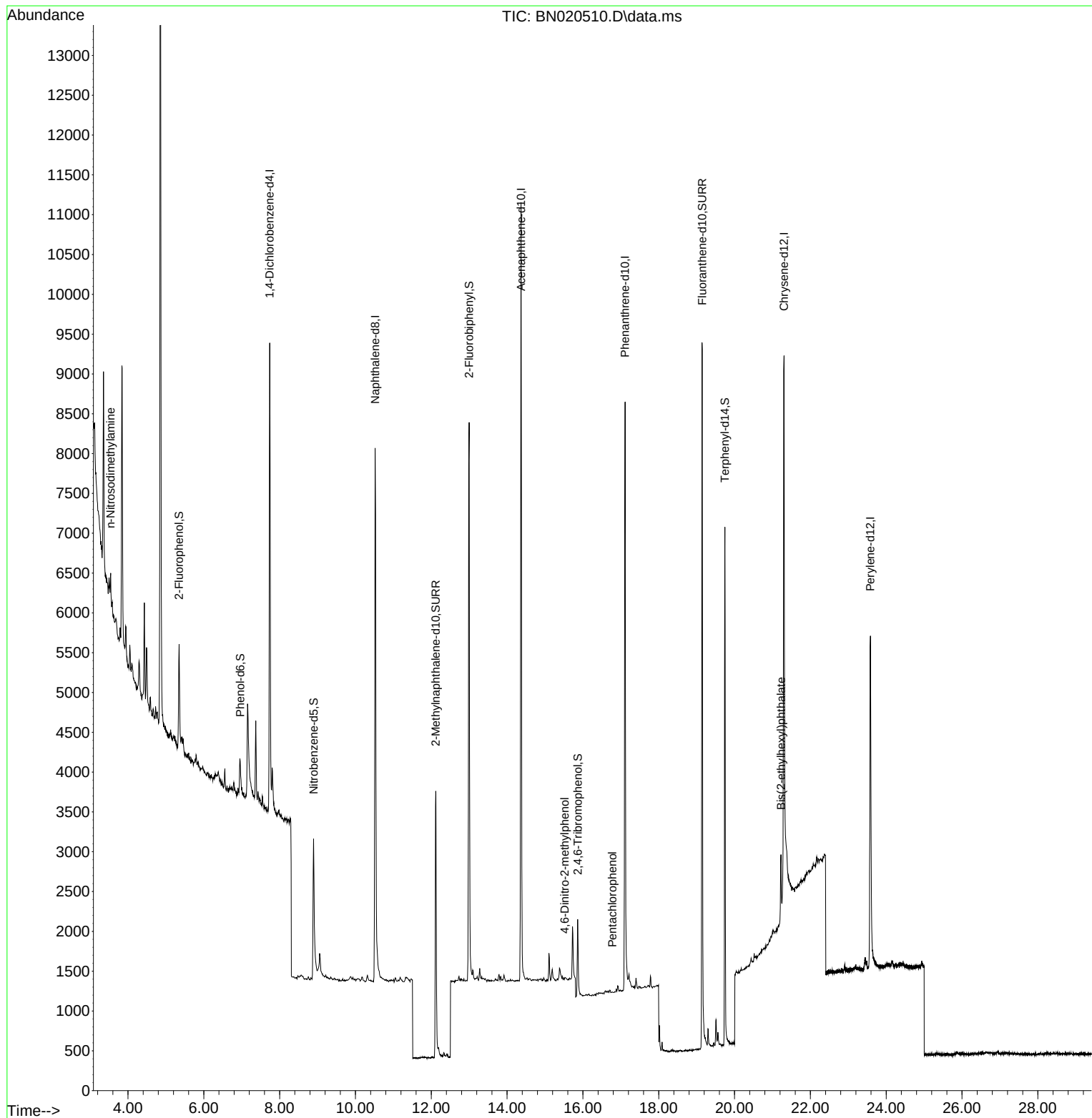
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.739  | 152  | 3288     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.520 | 136  | 10422    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.367 | 164  | 5762     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.113 | 188  | 10862    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.306 | 240  | 7330     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.583 | 264  | 6571     | 0.400 | ng    | #-0.02   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.348  | 112  | 1250     | 0.137 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.959  | 99   | 736      | 0.067 | ng    | 0.01     |
| 8) Nitrobenzene-d5            | 8.897  | 82   | 2074     | 0.246 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.117 | 152  | 5417     | 0.303 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.862 | 330  | 573      | 0.264 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.999 | 172  | 7125     | 0.300 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.147 | 212  | 10878    | 0.337 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.746 | 244  | 7637     | 0.436 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 3) n-Nitrosodimethylamine     | 3.543  | 42   | 81       | 0.021 | ng    | # 1      |
| 20) 4,6-Dinitro-2-methylph... | 15.522 | 198  | 3        | 0.227 | ng    | # 1      |
| 24) Pentachlorophenol         | 16.774 | 266  | 2        | 0.185 | ng    | # 1      |
| 34) Bis(2-ethylhexyl)phtha... | 21.225 | 149  | 823      | 0.056 | ng    | # 97     |
| -----                         |        |      |          |       |       |          |

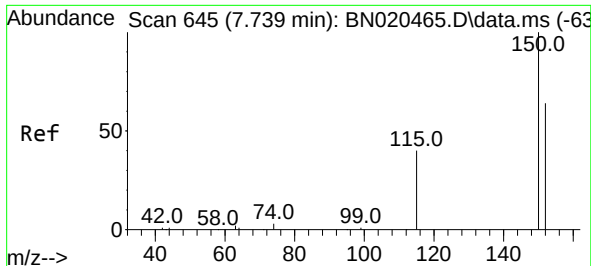
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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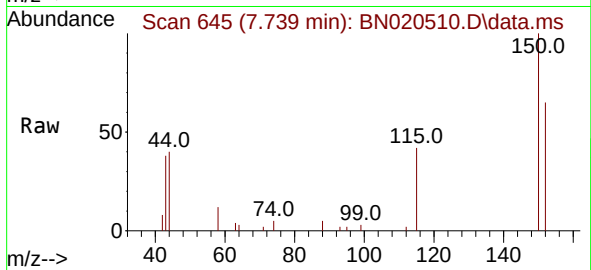
Quant Time: Jun 28 01:29:16 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN062622.M  
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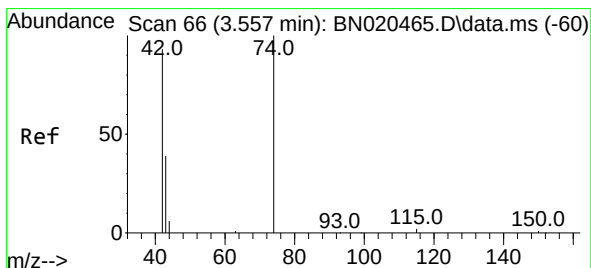
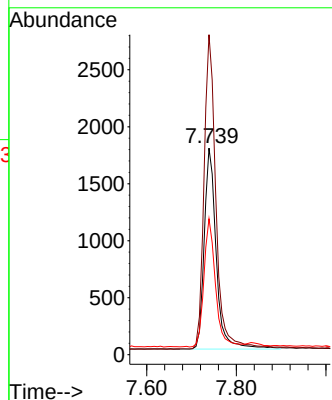
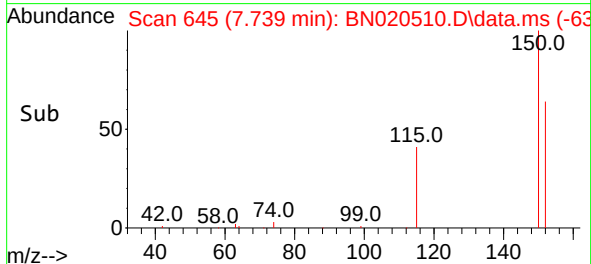


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.739 min Scan# 64  
Delta R.T. -0.000 min  
Lab File: BN020510.D  
Acq: 27 Jun 2022 21:52

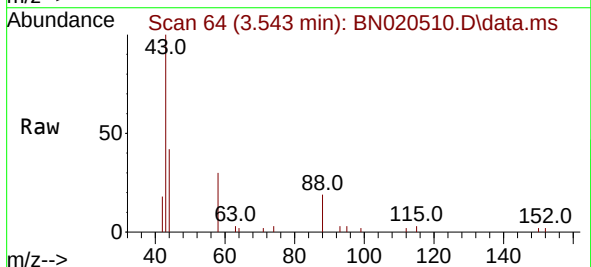
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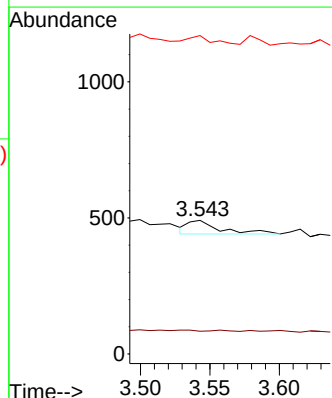
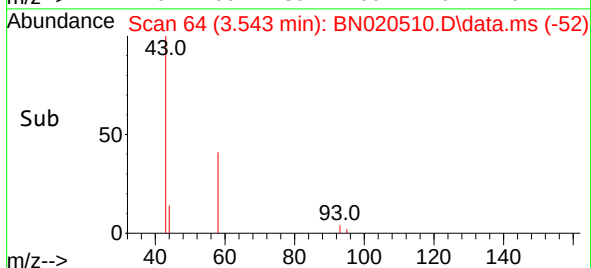
Tgt Ion:152 Resp: 3288  
Ion Ratio Lower Upper  
152 100  
150 154.9 127.9 191.9  
115 65.8 51.4 77.2

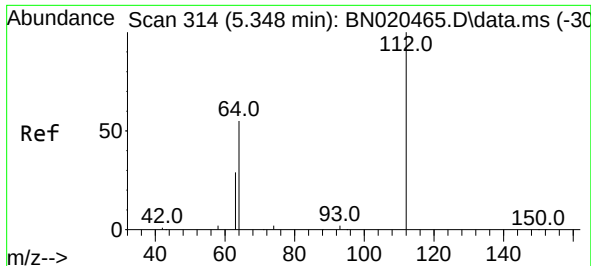


#3  
n-Nitrosodimethylamine  
Concen: 0.021 ng  
RT: 3.543 min Scan# 64  
Delta R.T. -0.014 min  
Lab File: BN020510.D  
Acq: 27 Jun 2022 21:52



Tgt Ion: 42 Resp: 81  
Ion Ratio Lower Upper  
42 100  
74 0.0 84.0 126.0#  
44 48.1 9.8 14.8#

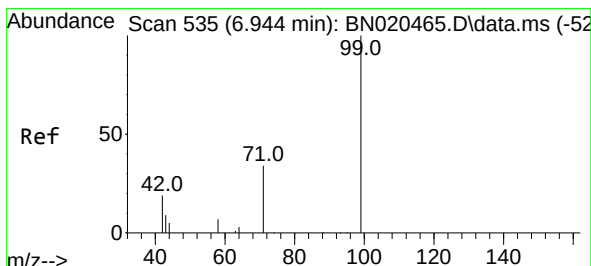
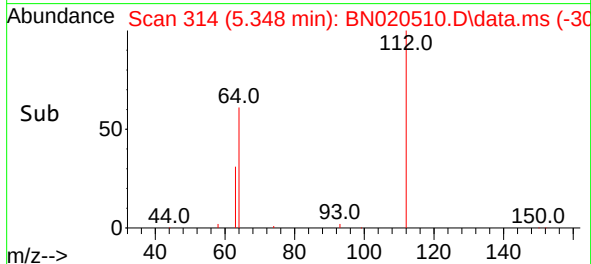
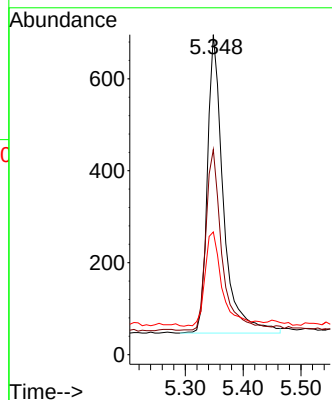
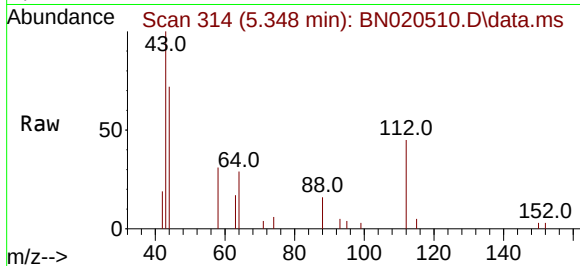




#4  
2-Fluorophenol  
Concen: 0.137 ng  
RT: 5.348 min Scan# 314  
Delta R.T. 0.000 min  
Lab File: BN020510.D  
Acq: 27 Jun 2022 21:52

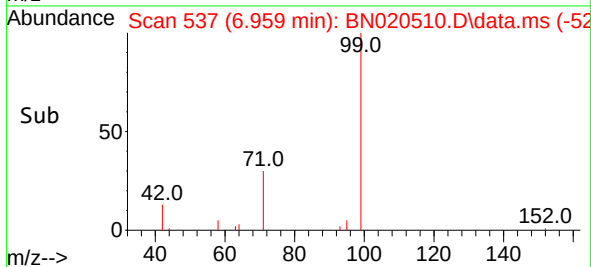
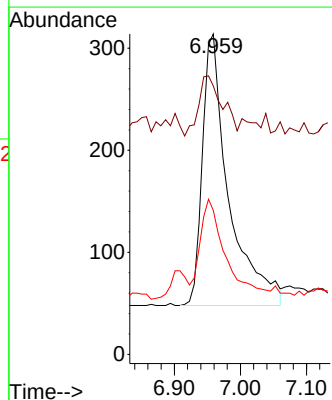
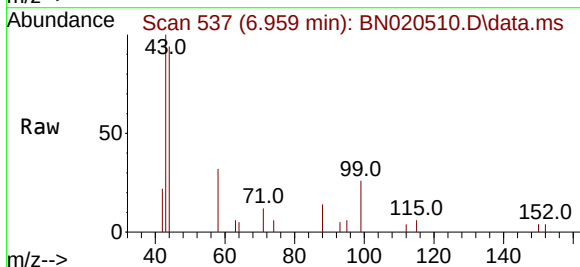
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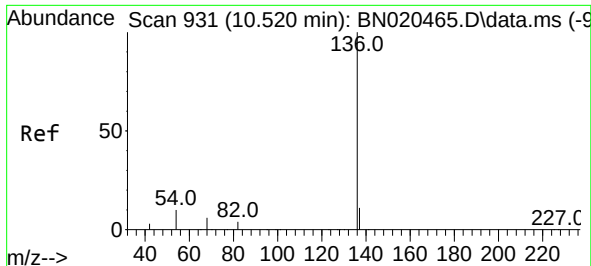
Tgt Ion:112 Resp: 1250  
Ion Ratio Lower Upper  
112 100  
64 60.8 49.1 73.7  
63 34.3 26.3 39.5



#5  
Phenol-d6  
Concen: 0.067 ng  
RT: 6.959 min Scan# 537  
Delta R.T. 0.015 min  
Lab File: BN020510.D  
Acq: 27 Jun 2022 21:52

Tgt Ion: 99 Resp: 736  
Ion Ratio Lower Upper  
99 100  
42 19.8 19.3 28.9  
71 31.0 27.5 41.3

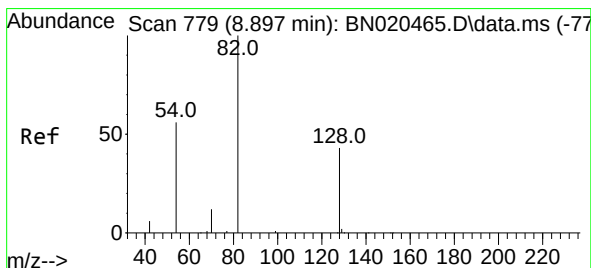
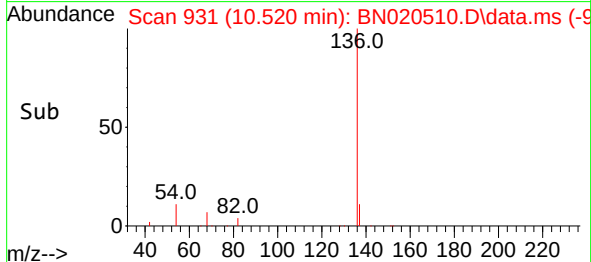
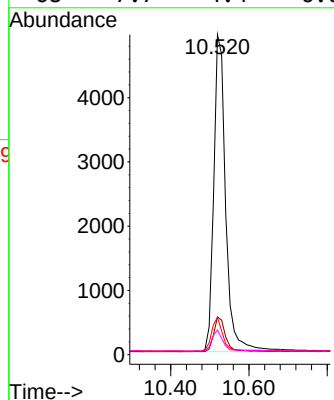
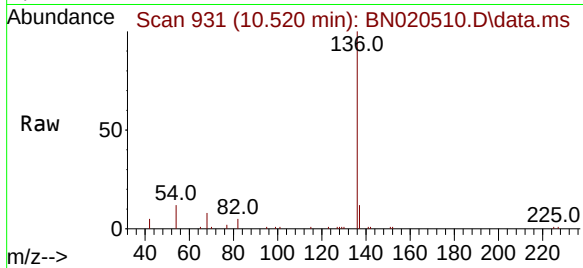




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.520 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BN020510.D  
Acq: 27 Jun 2022 21:52

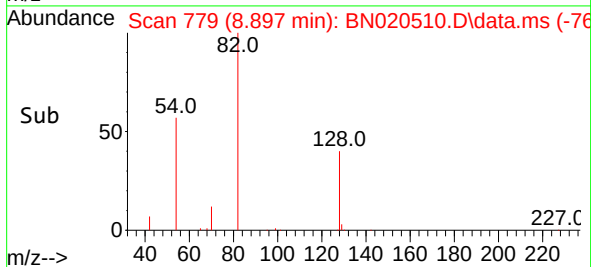
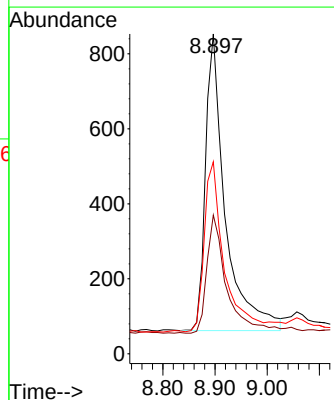
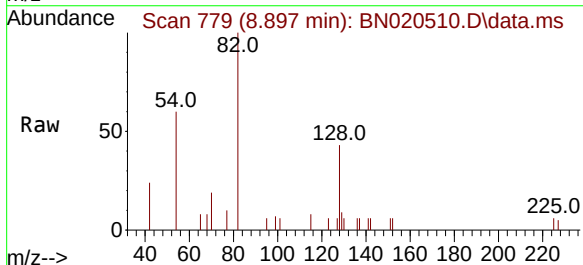
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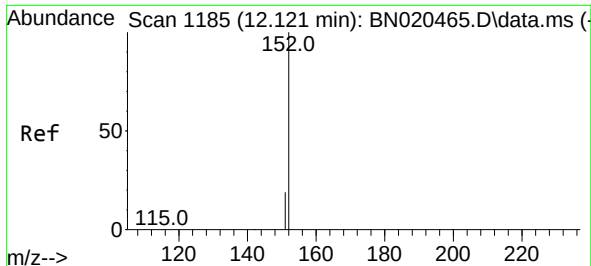
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 10422 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.8  | 9.0   | 13.6  |
| 54       | 11.7  | 6.2   | 9.2#  |
| 68       | 7.7   | 4.4   | 6.6#  |



#8  
Nitrobenzene-d5  
Concen: 0.246 ng  
RT: 8.897 min Scan# 779  
Delta R.T. 0.000 min  
Lab File: BN020510.D  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 2074  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 43.4  | 35.0  | 52.6  |
| 54       | 60.0  | 46.2  | 69.4  |

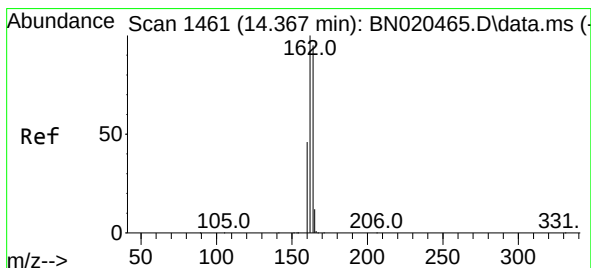
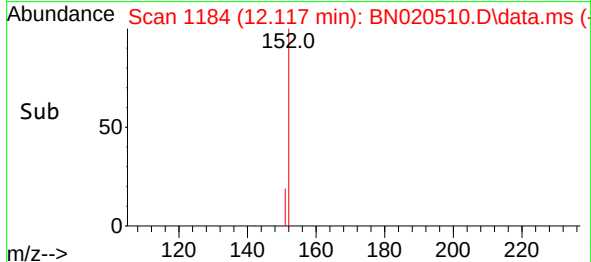
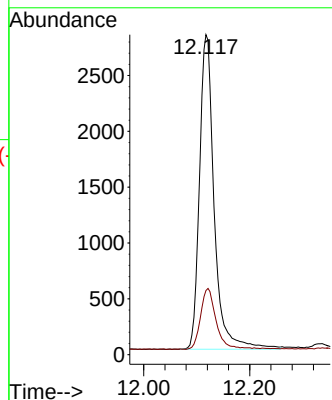
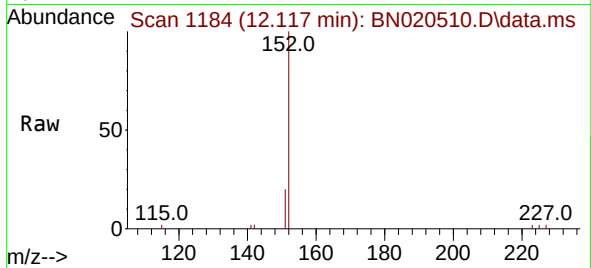




#11  
2-Methylnaphthalene-d10  
Concen: 0.303 ng  
RT: 12.117 min Scan# 1184  
Delta R.T. -0.004 min  
Lab File: BN020510.D  
Acq: 27 Jun 2022 21:52

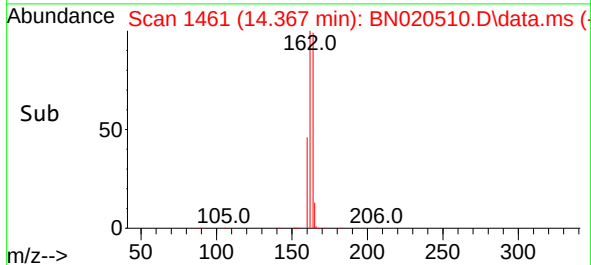
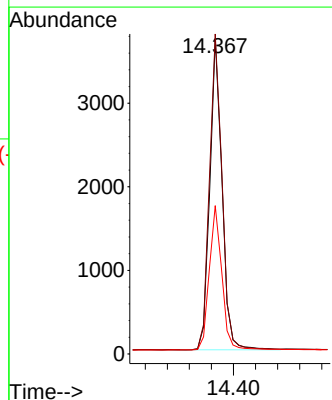
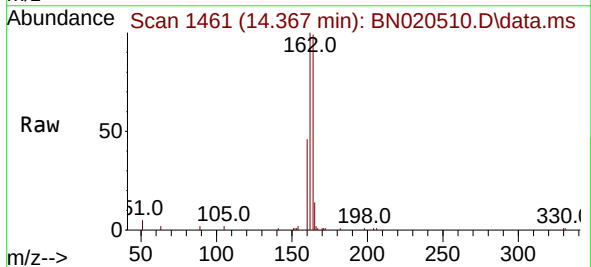
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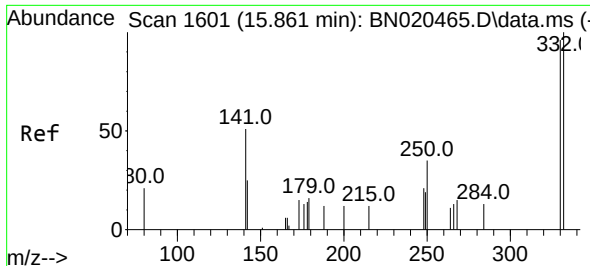
Tgt Ion:152 Resp: 5417  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.2 24.4



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.367 min Scan# 1461  
Delta R.T. 0.000 min  
Lab File: BN020510.D  
Acq: 27 Jun 2022 21:52

Tgt Ion:164 Resp: 5762  
Ion Ratio Lower Upper  
164 100  
162 101.4 82.1 123.1  
160 47.0 38.6 58.0

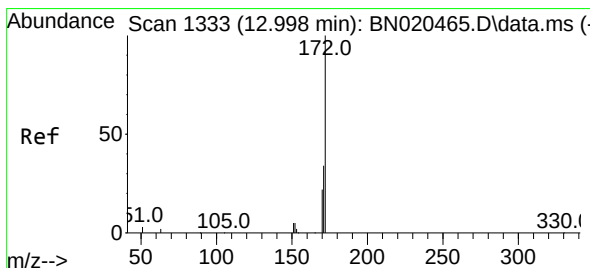
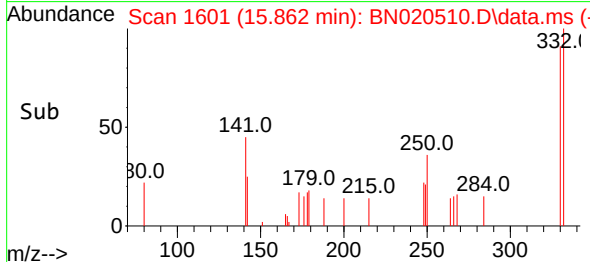
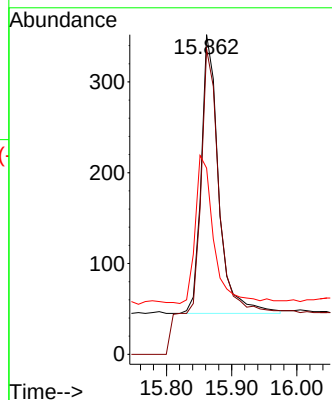
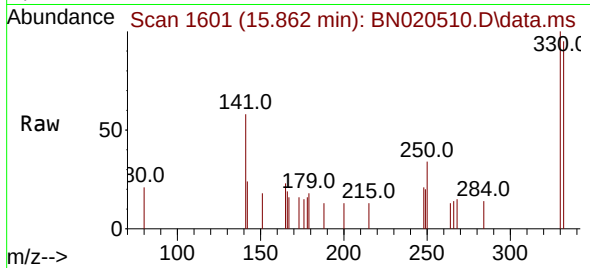




#14  
2,4,6-Tribromophenol  
Concen: 0.264 ng  
RT: 15.862 min Scan# 1601  
Delta R.T. 0.000 min  
Lab File: BN020510.D  
Acq: 27 Jun 2022 21:52

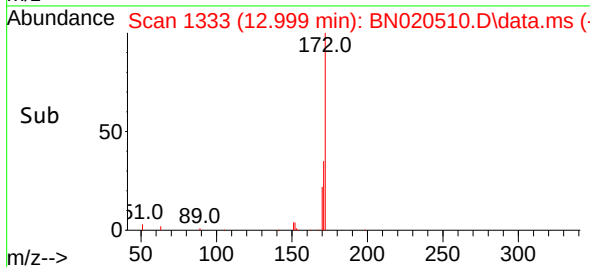
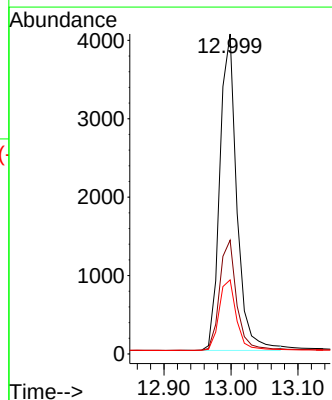
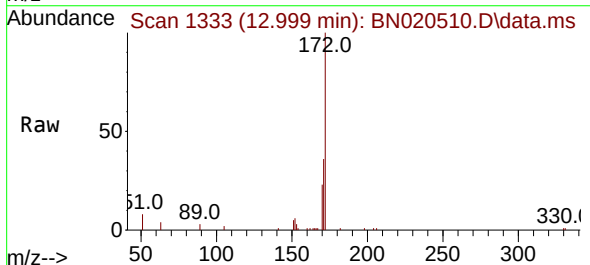
Instrument :  
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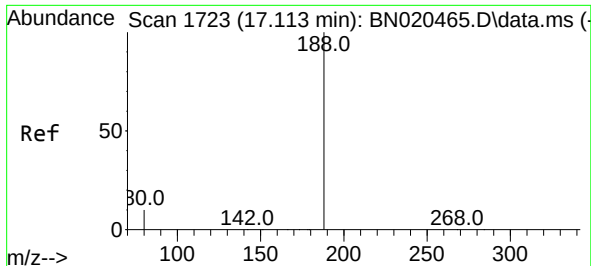
Tgt Ion:330 Resp: 573  
Ion Ratio Lower Upper  
330 100  
332 172.3 77.6 116.4#  
141 56.2 41.0 61.4



#15  
2-Fluorobiphenyl  
Concen: 0.300 ng  
RT: 12.999 min Scan# 1333  
Delta R.T. 0.000 min  
Lab File: BN020510.D  
Acq: 27 Jun 2022 21:52

Tgt Ion:172 Resp: 7125  
Ion Ratio Lower Upper  
172 100  
171 35.6 27.2 40.8  
170 23.2 18.2 27.4

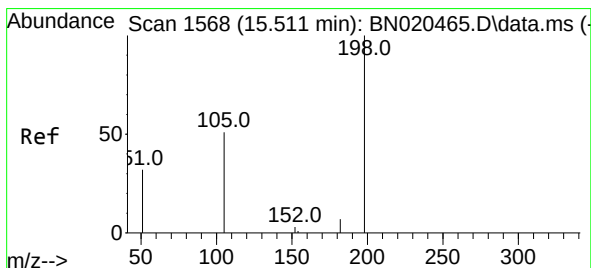
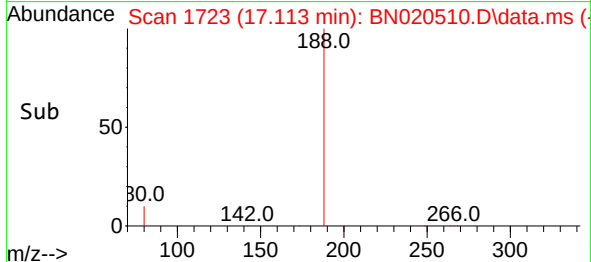
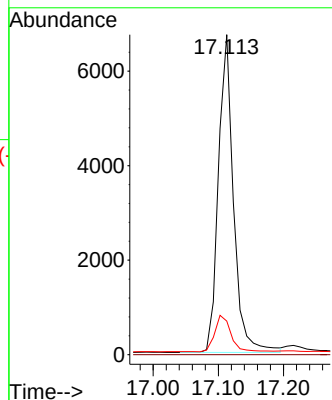
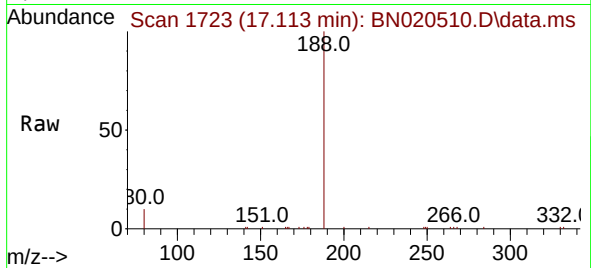




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.113 min Scan# 1723  
Delta R.T. -0.000 min  
Lab File: BN020510.D  
Acq: 27 Jun 2022 21:52

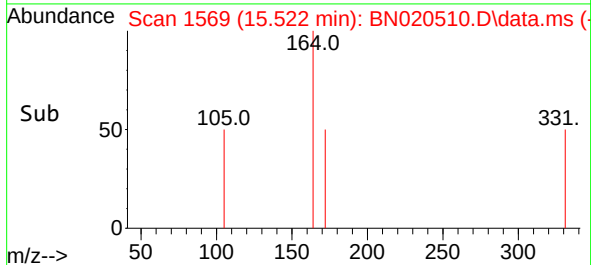
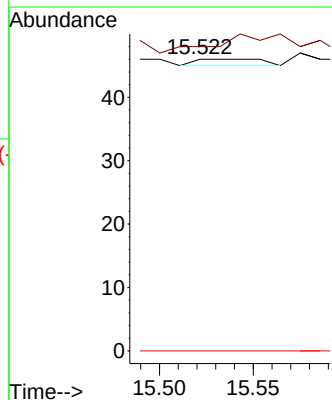
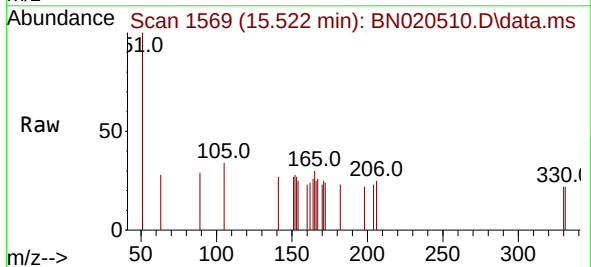
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Tgt Ion:188 Resp: 10862  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.5 7.4 11.2

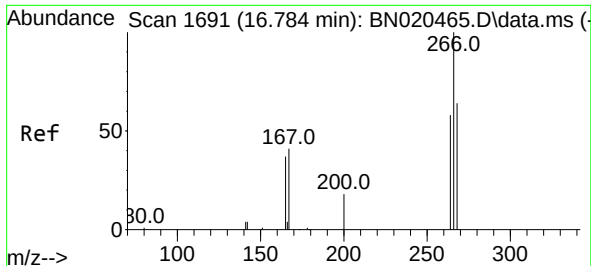


#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.227 ng  
RT: 15.522 min Scan# 1569  
Delta R.T. 0.011 min  
Lab File: BN020510.D  
Acq: 27 Jun 2022 21:52

Tgt Ion:198 Resp: 3  
Ion Ratio Lower Upper  
198 100  
182 104.3 12.1 18.1#  
77 0.0 0.0 0.0



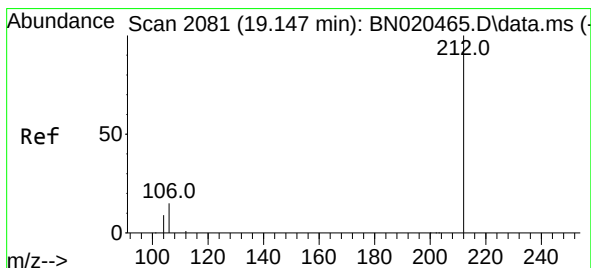
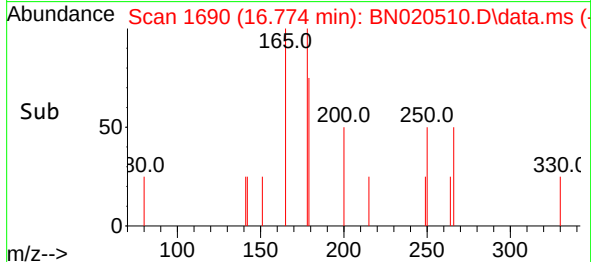
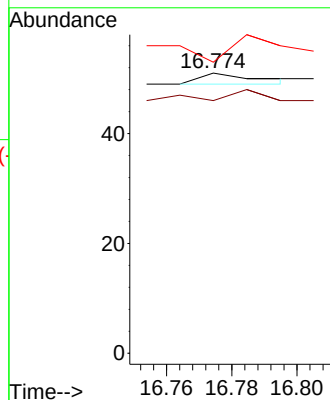
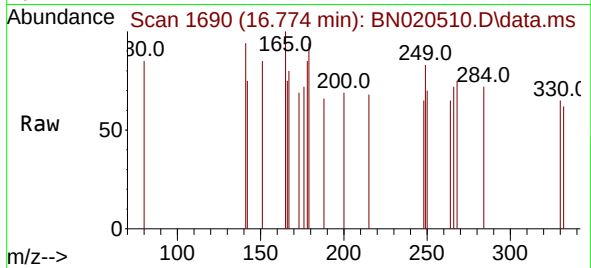




#24  
Pentachlorophenol  
Concen: 0.185 ng  
RT: 16.774 min Scan# 1690  
Delta R.T. -0.010 min  
Lab File: BN020510.D  
Acq: 27 Jun 2022 21:52

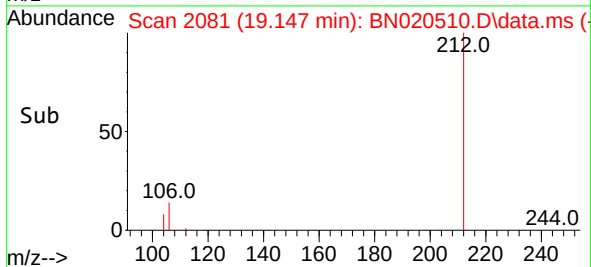
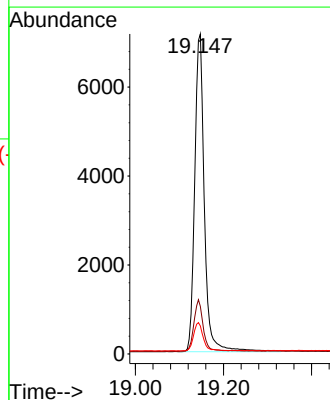
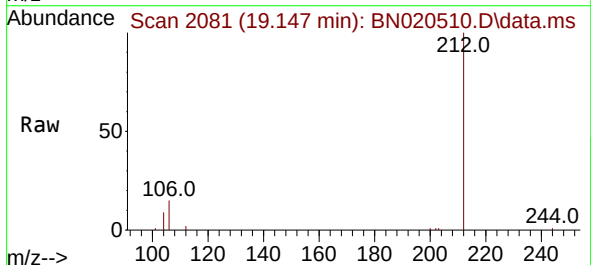
Instrument :  
BNA\_N  
ClientSampleId :  
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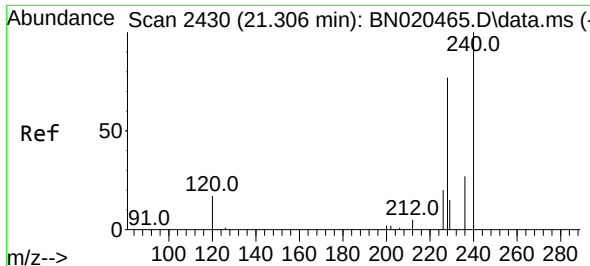
Tgt Ion:266 Resp: 2  
Ion Ratio Lower Upper  
266 100  
264 100.0 51.3 76.9#  
268 300.0 52.6 79.0#



#27  
Fluoranthene-d10  
Concen: 0.337 ng  
RT: 19.147 min Scan# 2081  
Delta R.T. 0.000 min  
Lab File: BN020510.D  
Acq: 27 Jun 2022 21:52

Tgt Ion:212 Resp: 10878  
Ion Ratio Lower Upper  
212 100  
106 15.3 12.6 19.0  
104 8.8 7.2 10.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.306 min Scan# 2430

Delta R.T. 0.000 min

Lab File: BN020510.D

Acq: 27 Jun 2022 21:52

Instrument :

BNA\_N

ClientSampleId :

MW-110

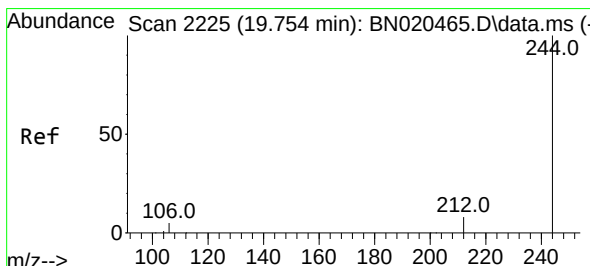
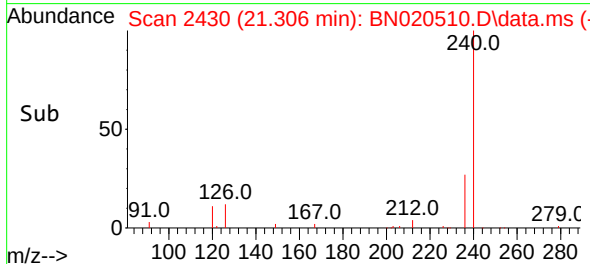
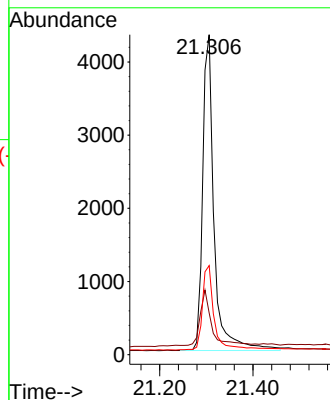
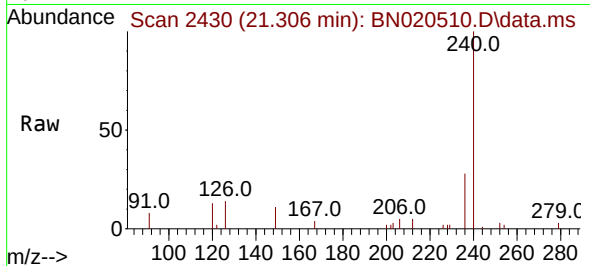
Tgt Ion:240 Resp: 7330

Ion Ratio Lower Upper

240 100

120 13.1 14.6 21.8#

236 27.9 22.6 33.8



#31

Terphenyl-d14

Concen: 0.436 ng

RT: 19.746 min Scan# 2223

Delta R.T. -0.008 min

Lab File: BN020510.D

Acq: 27 Jun 2022 21:52

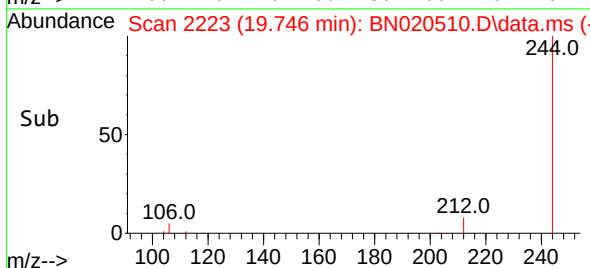
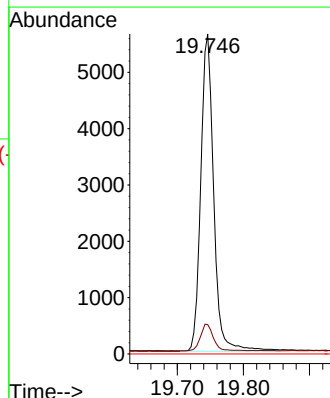
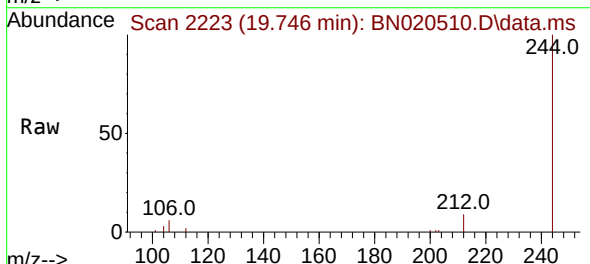
Tgt Ion:244 Resp: 7637

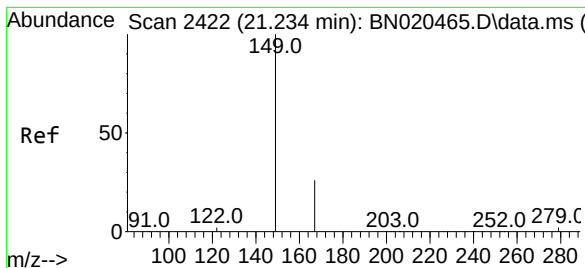
Ion Ratio Lower Upper

244 100

212 9.2 7.1 10.7

122 0.0 0.0 0.0

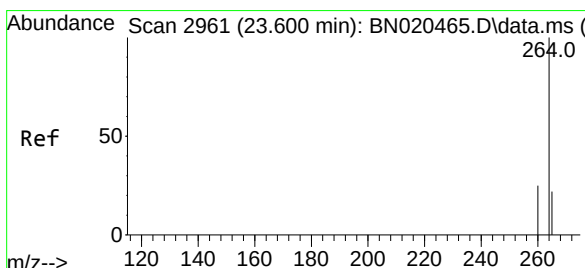
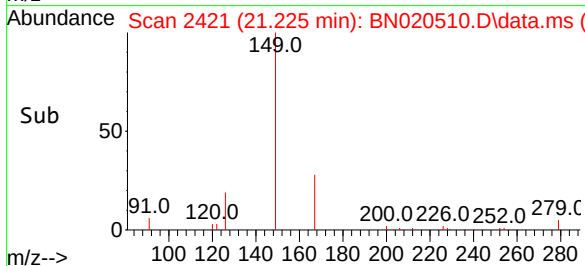
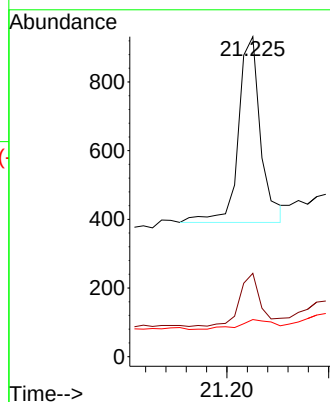
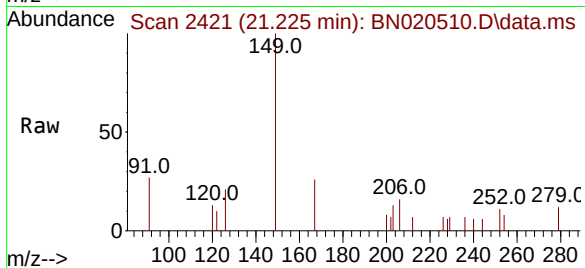




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.056 ng  
 RT: 21.225 min Scan# 2421  
 Delta R.T. -0.009 min  
 Lab File: BN020510.D  
 Acq: 27 Jun 2022 21:52

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-110

Tgt Ion:149 Resp: 823  
 Ion Ratio Lower Upper  
 149 100  
 167 28.1 21.7 32.5  
 279 7.7 2.2 3.2#



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.583 min Scan# 2955  
 Delta R.T. -0.017 min  
 Lab File: BN020510.D  
 Acq: 27 Jun 2022 21:52

Tgt Ion:264 Resp: 6571  
 Ion Ratio Lower Upper  
 264 100  
 260 27.2 20.9 31.3  
 265 46.6 28.0 42.0#

