

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062622\  
 Data File : BN020474.D  
 Acq On : 26 Jun 2022 20:42  
 Operator : CG/JU  
 Sample : N3354-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-46

Quant Time: Jun 27 02:51:43 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

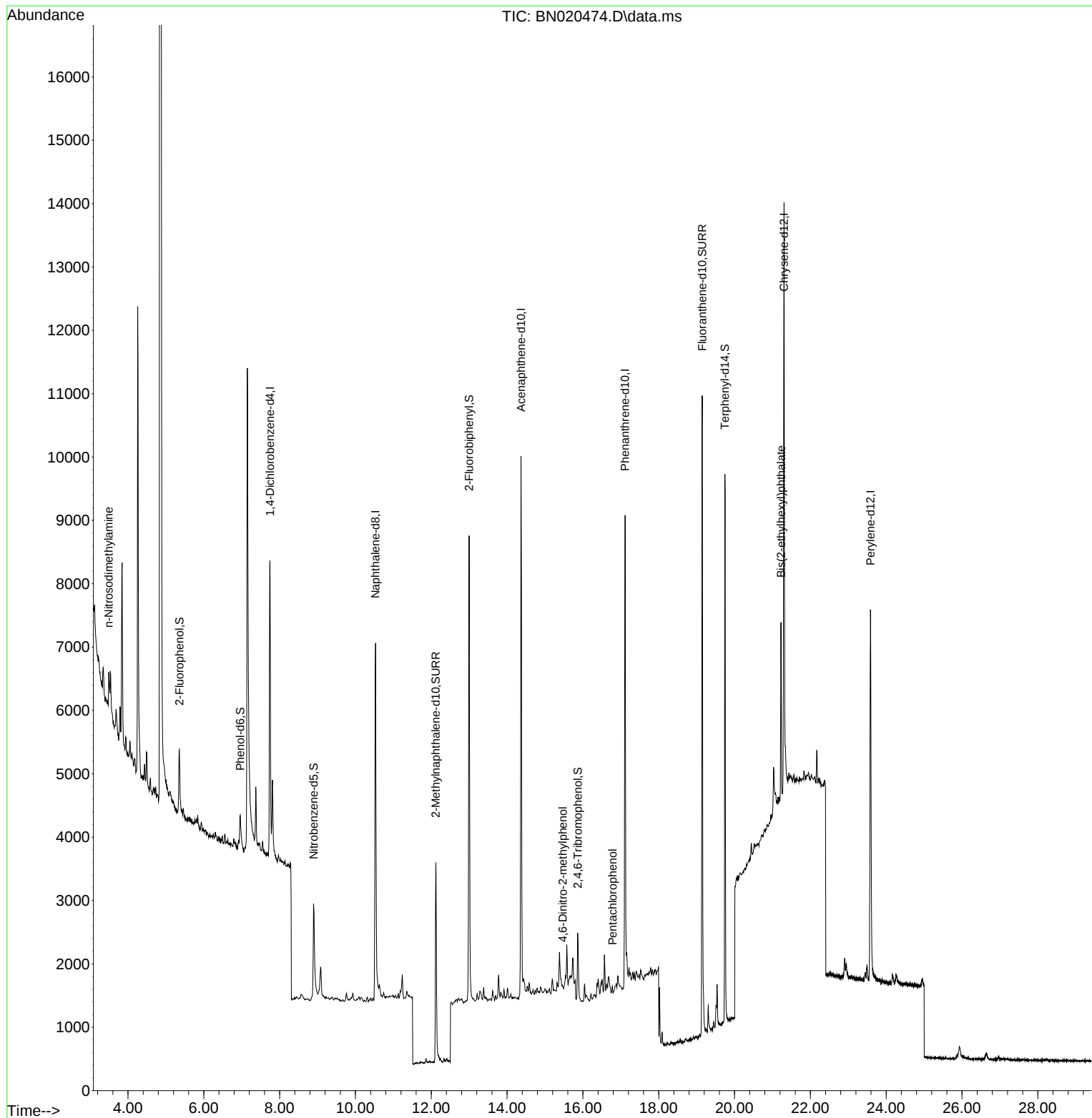
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.746  | 152  | 2813     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.530 | 136  | 8868     | 0.400 | ng    | # 0.01   |
| 13) Acenaphthene-d10          | 14.367 | 164  | 5202     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.113 | 188  | 10563    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.306 | 240  | 9094     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.586 | 264  | 8376     | 0.400 | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.355  | 112  | 1116     | 0.143 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.959  | 99   | 834      | 0.089 | ng    | 0.01     |
| 8) Nitrobenzene-d5            | 8.896  | 82   | 1914     | 0.266 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.121 | 152  | 5152     | 0.339 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.861 | 330  | 638      | 0.325 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.998 | 172  | 7164     | 0.334 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.147 | 212  | 11847    | 0.378 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.746 | 244  | 9869     | 0.454 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 3) n-Nitrosodimethylamine     | 3.492  | 42   | 305      | 0.091 | ng    | # 1      |
| 20) 4,6-Dinitro-2-methylph... | 15.468 | 198  | 3        | 0.227 | ng    | # 1      |
| 24) Pentachlorophenol         | 16.784 | 266  | 14       | 0.190 | ng    | # 67     |
| 34) Bis(2-ethylhexyl)phtha... | 21.225 | 149  | 2565     | 0.140 | ng    | # 100    |
| -----                         |        |      |          |       |       |          |

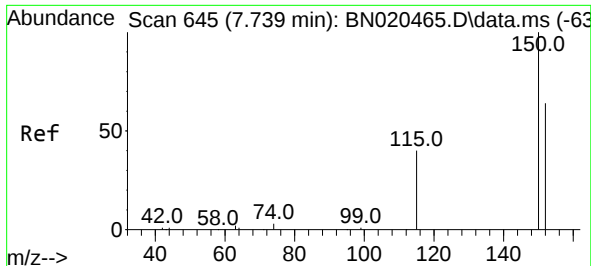
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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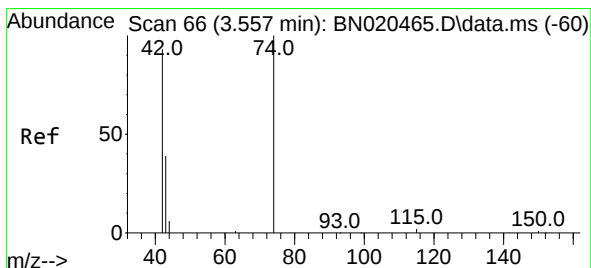
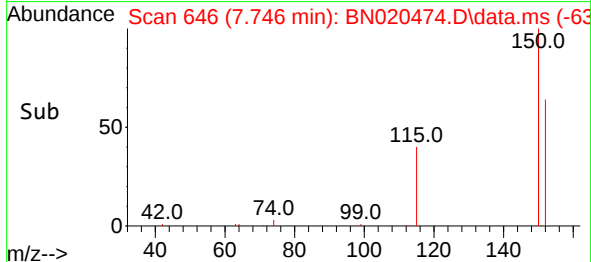
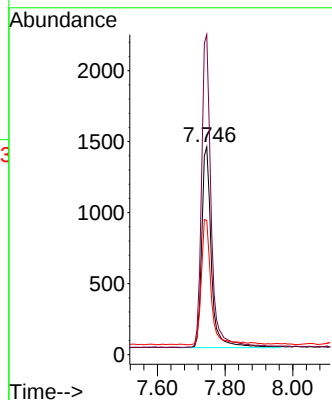
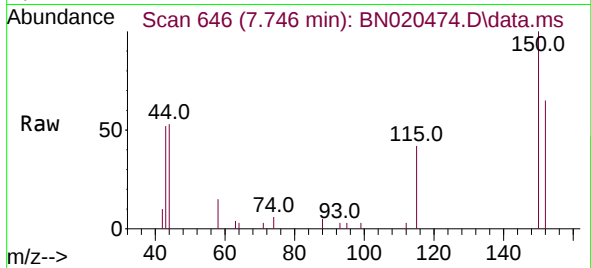




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.746 min Scan# 64  
Delta R.T. 0.007 min  
Lab File: BN020474.D  
Acq: 26 Jun 2022 20:42

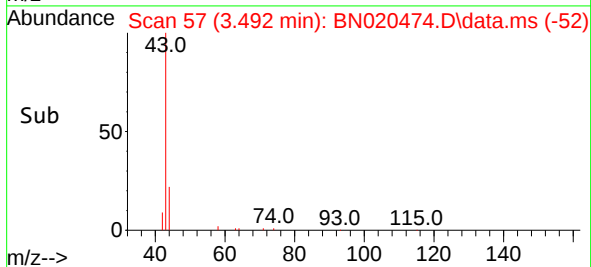
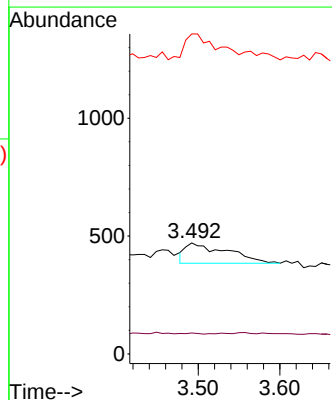
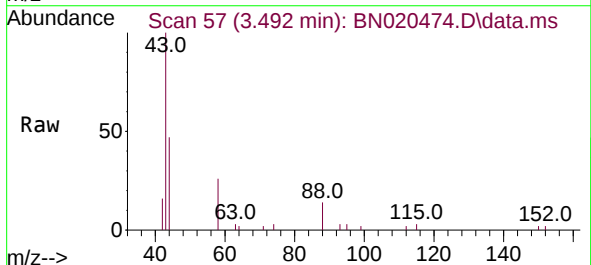
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MW-46

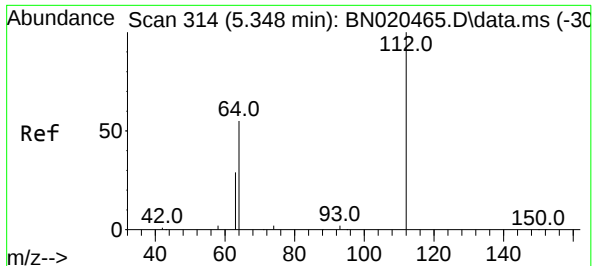
Tgt Ion:152 Resp: 2813  
Ion Ratio Lower Upper  
152 100  
150 154.1 127.9 191.9  
115 64.6 51.4 77.2



#3  
n-Nitrosodimethylamine  
Concen: 0.091 ng  
RT: 3.492 min Scan# 57  
Delta R.T. -0.065 min  
Lab File: BN020474.D  
Acq: 26 Jun 2022 20:42

Tgt Ion: 42 Resp: 305  
Ion Ratio Lower Upper  
42 100  
74 1.0 84.0 126.0#  
44 81.0 9.8 14.8#

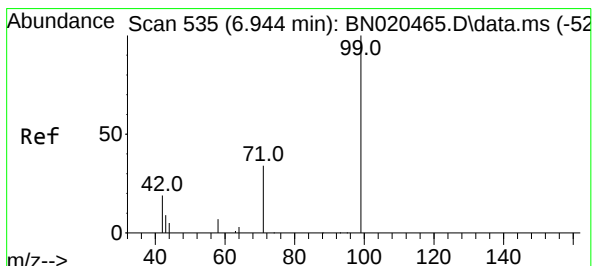
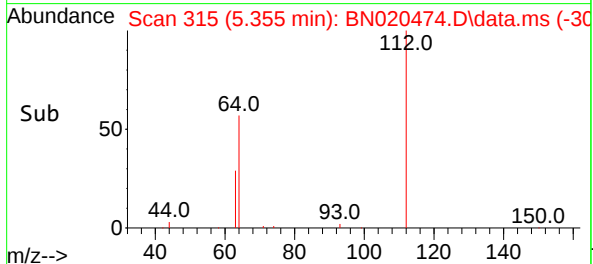
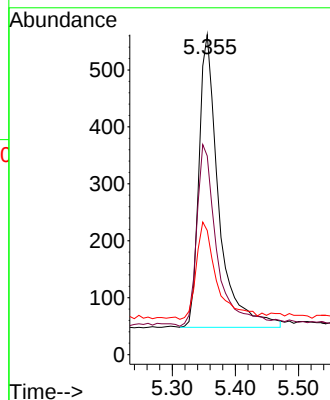
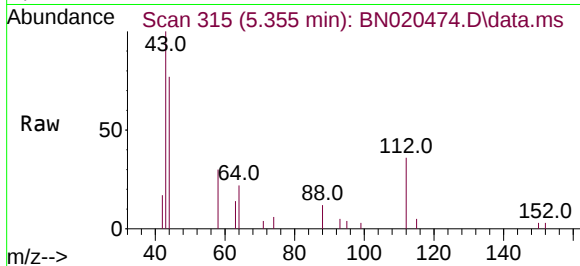




#4  
2-Fluorophenol  
Concen: 0.143 ng  
RT: 5.355 min Scan# 314  
Delta R.T. 0.007 min  
Lab File: BN020474.D  
Acq: 26 Jun 2022 20:42

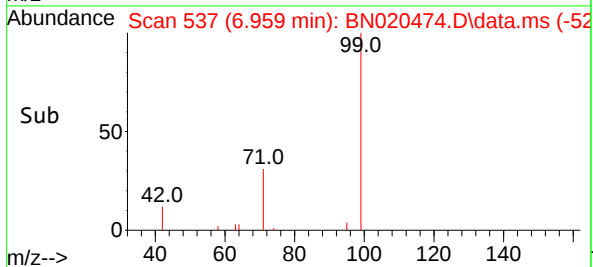
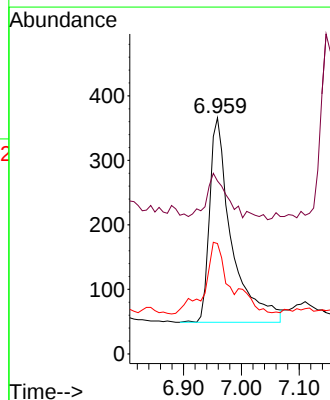
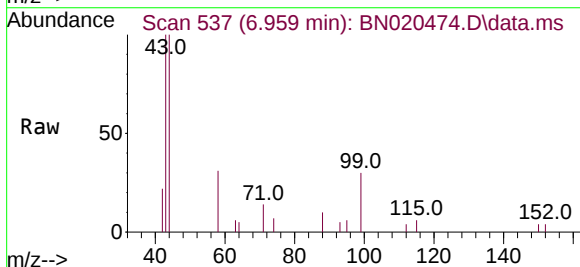
Instrument :  
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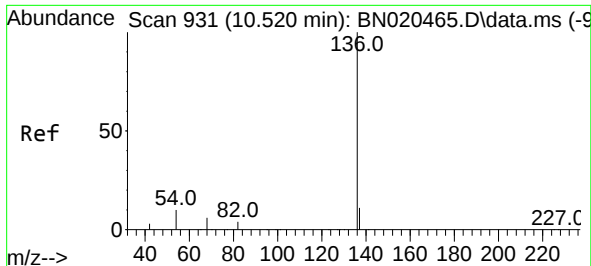
Tgt Ion:112 Resp: 1116  
Ion Ratio Lower Upper  
112 100  
64 64.6 49.1 73.7  
63 34.2 26.3 39.5



#5  
Phenol-d6  
Concen: 0.089 ng  
RT: 6.959 min Scan# 537  
Delta R.T. 0.014 min  
Lab File: BN020474.D  
Acq: 26 Jun 2022 20:42

Tgt Ion: 99 Resp: 834  
Ion Ratio Lower Upper  
99 100  
42 23.3 19.3 28.9  
71 33.1 27.5 41.3

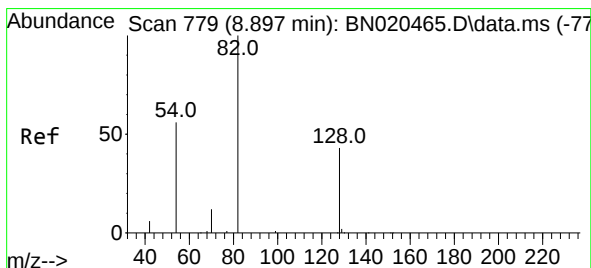
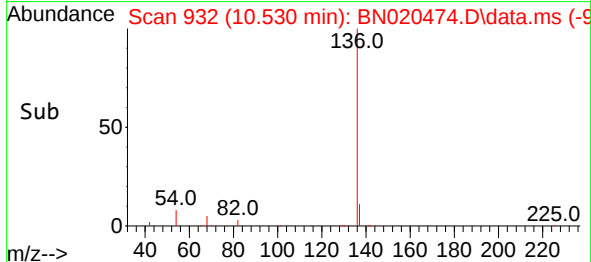
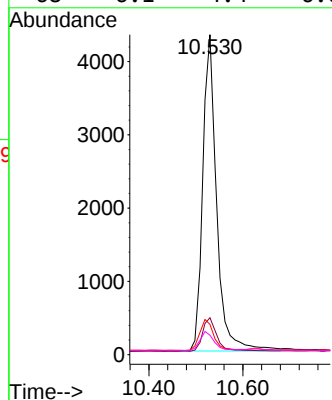
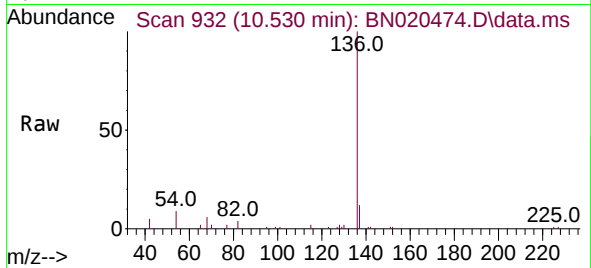




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.530 min Scan# 911  
Delta R.T. 0.011 min  
Lab File: BN020474.D  
Acq: 26 Jun 2022 20:42

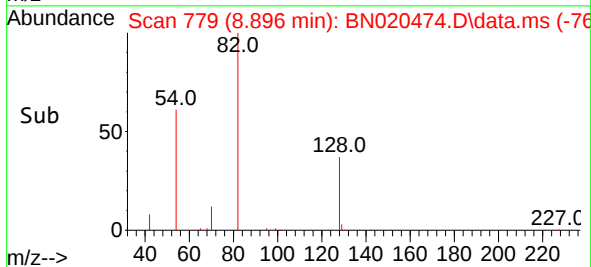
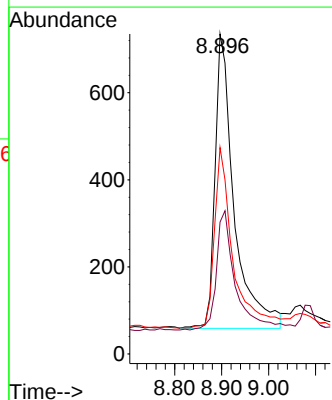
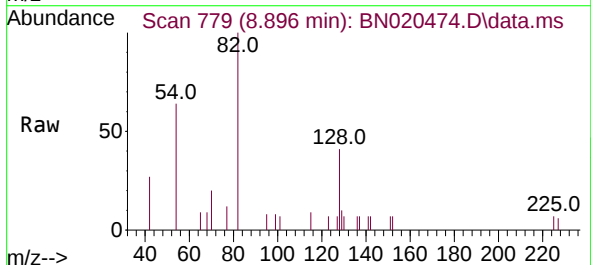
Instrument :  
BNA\_N  
ClientSampleId :  
MW-46

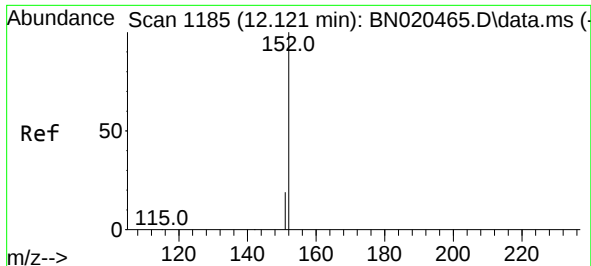
Tgt Ion:136 Resp: 8868  
Ion Ratio Lower Upper  
136 100  
137 11.6 9.0 13.6  
54 9.4 6.2 9.2#  
68 6.1 4.4 6.6



#8  
Nitrobenzene-d5  
Concen: 0.266 ng  
RT: 8.896 min Scan# 779  
Delta R.T. -0.000 min  
Lab File: BN020474.D  
Acq: 26 Jun 2022 20:42

Tgt Ion: 82 Resp: 1914  
Ion Ratio Lower Upper  
82 100  
128 41.2 35.0 52.6  
54 64.5 46.2 69.4





#11

2-Methylnaphthalene-d10

Concen: 0.339 ng

RT: 12.121 min Scan# 1185

Delta R.T. -0.000 min

Lab File: BN020474.D

Acq: 26 Jun 2022 20:42

Instrument :

BNA\_N

ClientSampleId :

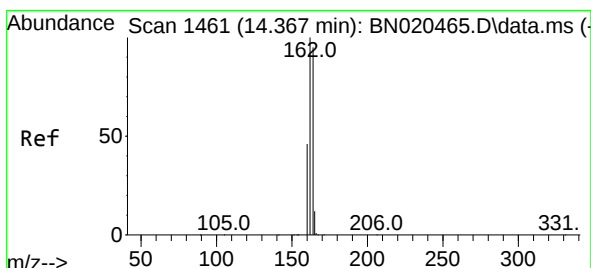
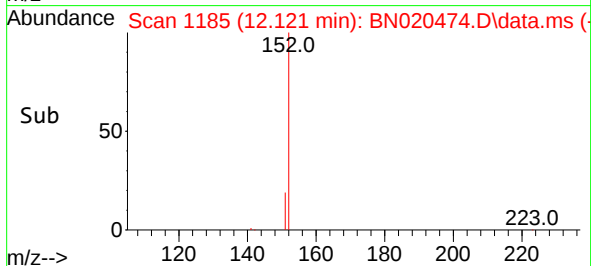
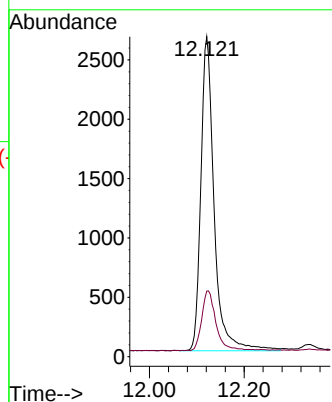
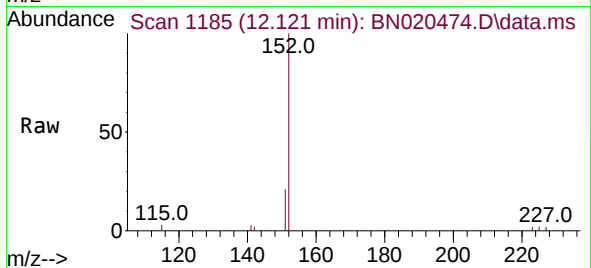
MW-46

Tgt Ion:152 Resp: 5152

Ion Ratio Lower Upper

152 100

151 20.3 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: BN020474.D

Acq: 26 Jun 2022 20:42

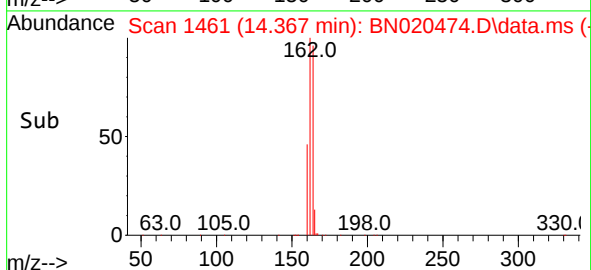
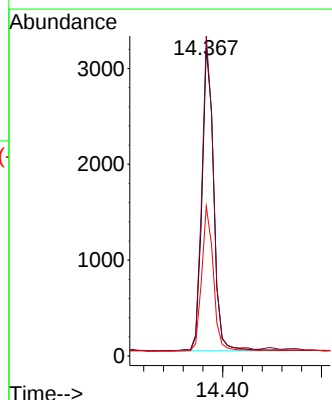
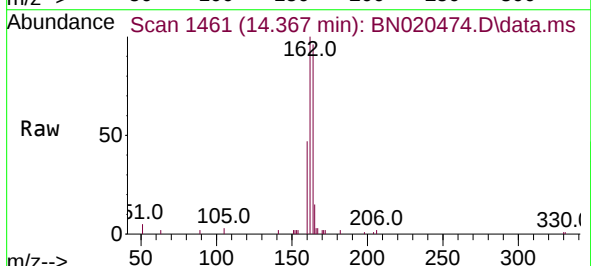
Tgt Ion:164 Resp: 5202

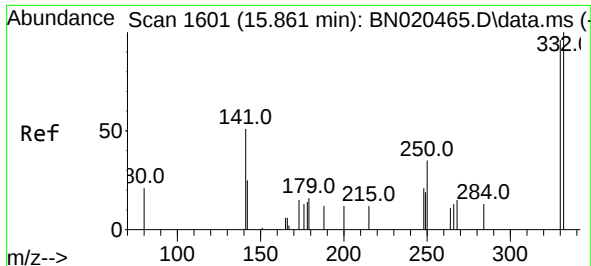
Ion Ratio Lower Upper

164 100

162 103.9 82.1 123.1

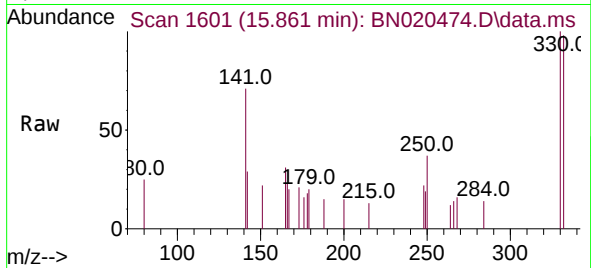
160 48.6 38.6 58.0



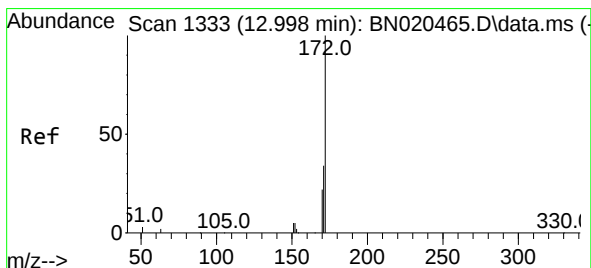
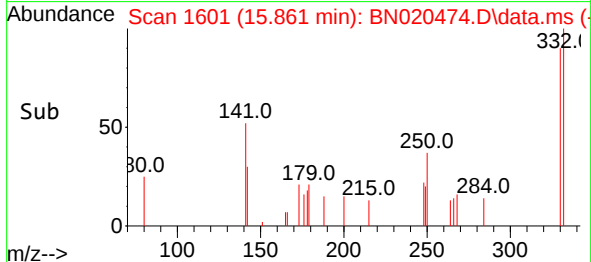
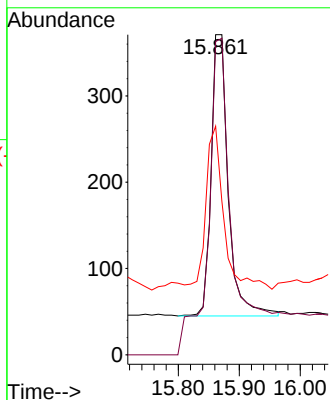


#14  
2,4,6-Tribromophenol  
Concen: 0.325 ng  
RT: 15.861 min Scan# 1601  
Delta R.T. -0.000 min  
Lab File: BN020474.D  
Acq: 26 Jun 2022 20:42

Instrument :  
BNA\_N  
ClientSampleId :  
MW-46

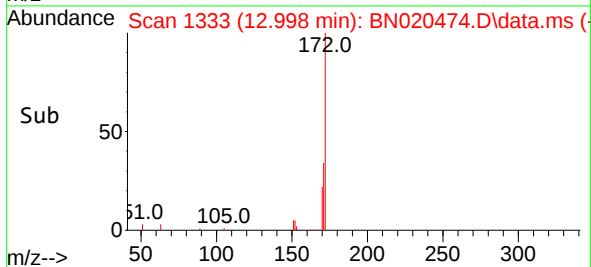
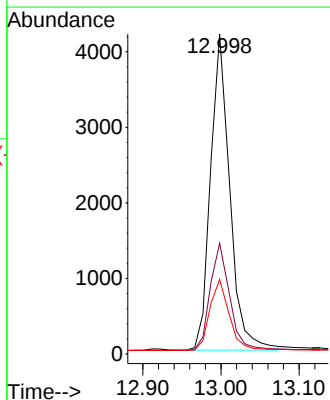
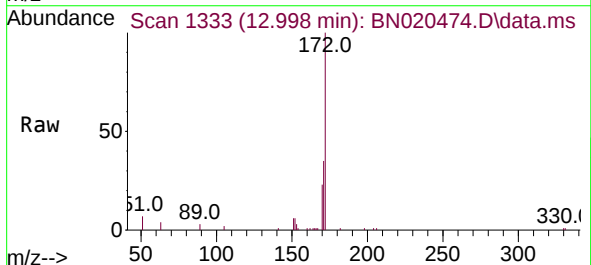


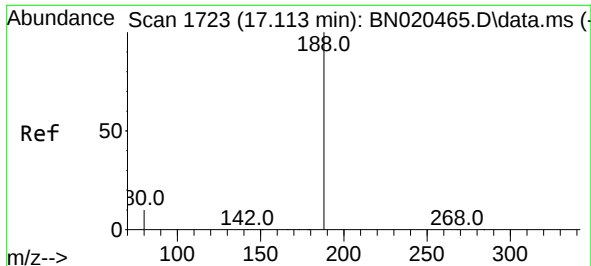
Tgt Ion:330 Resp: 638  
Ion Ratio Lower Upper  
330 100  
332 172.7 77.6 116.4#  
141 60.0 41.0 61.4



#15  
2-Fluorobiphenyl  
Concen: 0.334 ng  
RT: 12.998 min Scan# 1333  
Delta R.T. -0.000 min  
Lab File: BN020474.D  
Acq: 26 Jun 2022 20:42

Tgt Ion:172 Resp: 7164  
Ion Ratio Lower Upper  
172 100  
171 34.6 27.2 40.8  
170 23.3 18.2 27.4

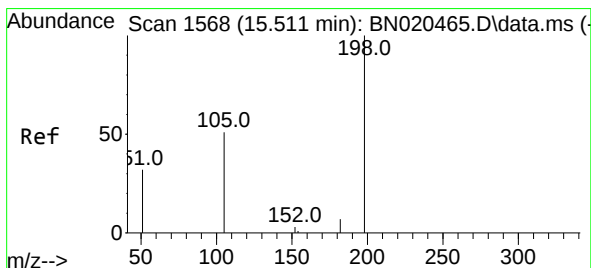
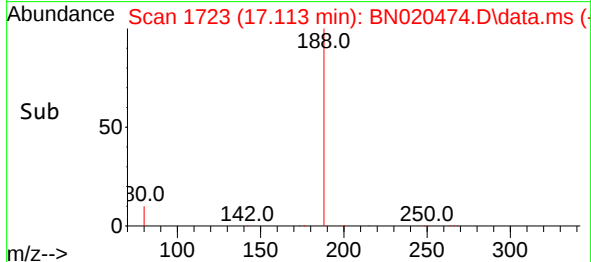
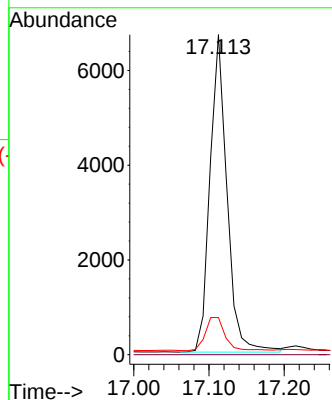
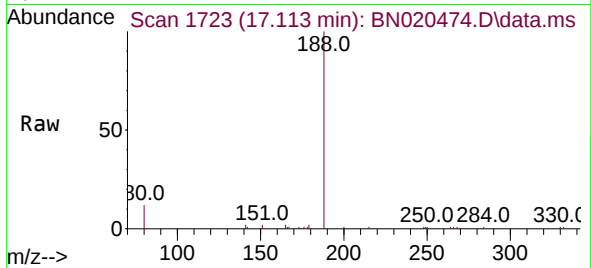




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.113 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN020474.D  
Acq: 26 Jun 2022 20:42

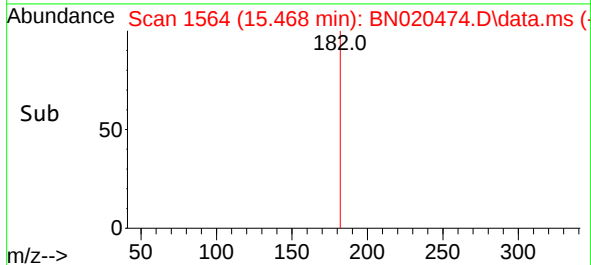
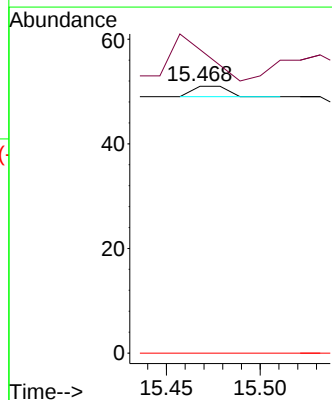
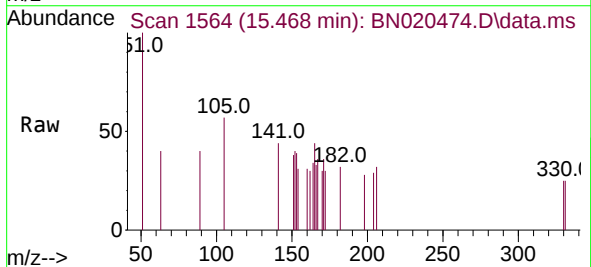
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BNA\_N  
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MW-46

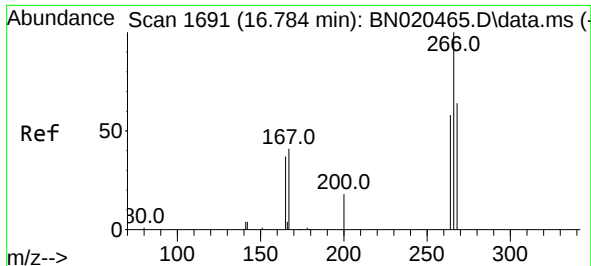
Tgt Ion:188 Resp: 10563  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.6 7.4 11.2#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.227 ng  
RT: 15.468 min Scan# 1564  
Delta R.T. -0.043 min  
Lab File: BN020474.D  
Acq: 26 Jun 2022 20:42

Tgt Ion:198 Resp: 3  
Ion Ratio Lower Upper  
198 100  
182 113.7 12.1 18.1#  
77 0.0 0.0 0.0

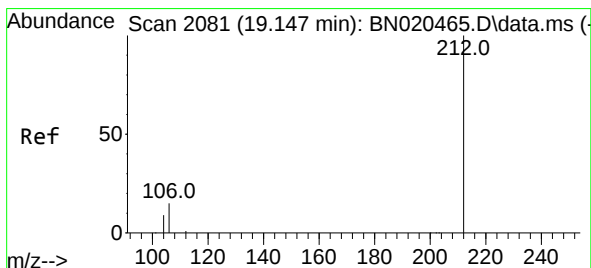
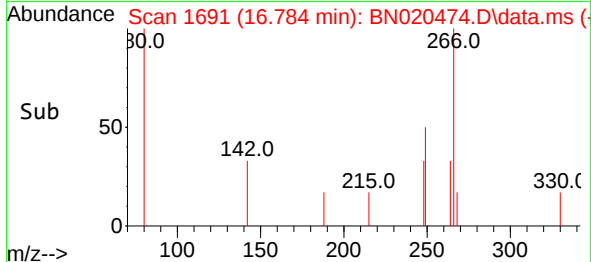
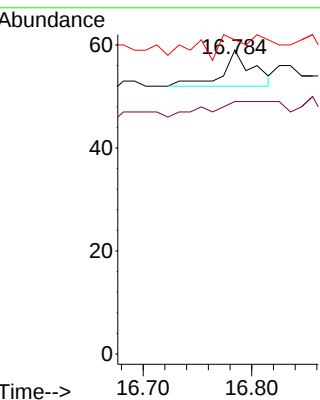
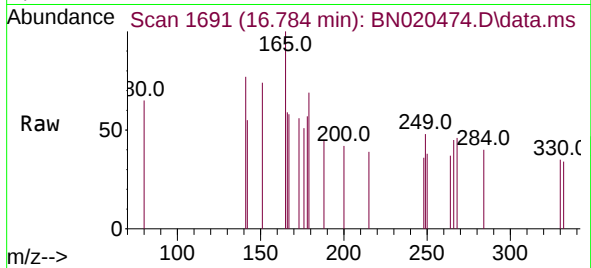




#24  
Pentachlorophenol  
Concen: 0.190 ng  
RT: 16.784 min Scan# 1691  
Delta R.T. 0.000 min  
Lab File: BN020474.D  
Acq: 26 Jun 2022 20:42

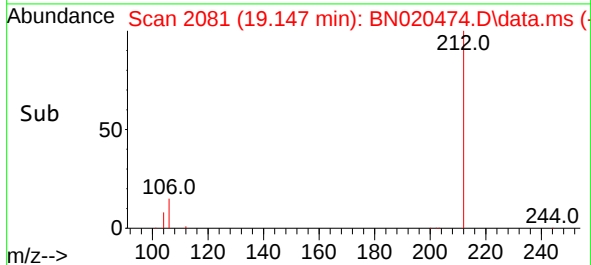
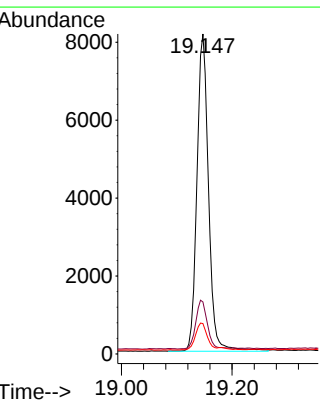
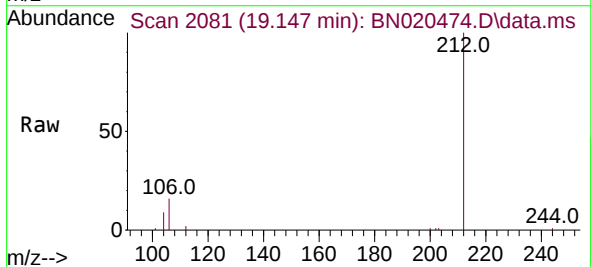
Instrument :  
BNA\_N  
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MW-46

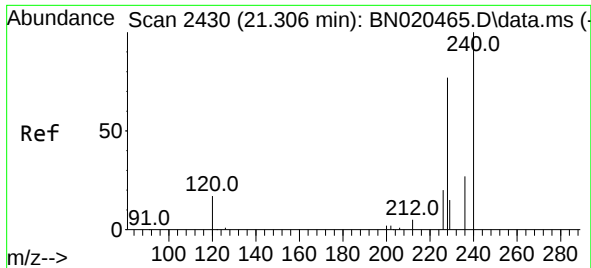
Tgt Ion:266 Resp: 14  
Ion Ratio Lower Upper  
266 100  
264 100.0 51.3 76.9#  
268 50.0 52.6 79.0#



#27  
Fluoranthene-d10  
Concen: 0.378 ng  
RT: 19.147 min Scan# 2081  
Delta R.T. -0.000 min  
Lab File: BN020474.D  
Acq: 26 Jun 2022 20:42

Tgt Ion:212 Resp: 11847  
Ion Ratio Lower Upper  
212 100  
106 15.4 12.6 19.0  
104 8.5 7.2 10.8

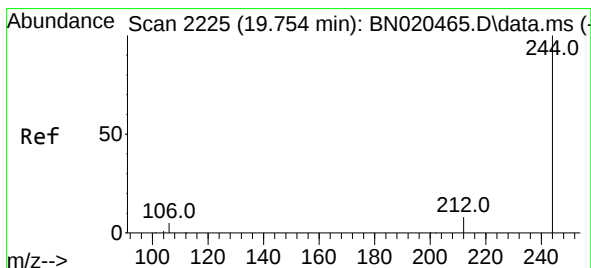
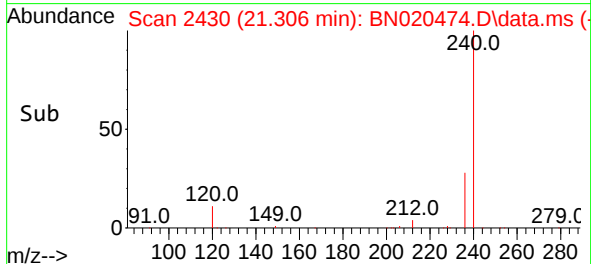
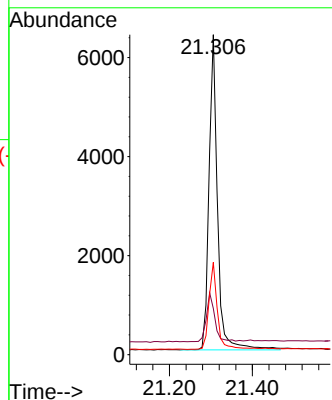
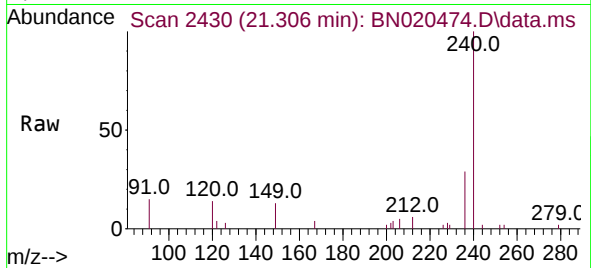




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.306 min Scan# 2430  
Delta R.T. -0.000 min  
Lab File: BN020474.D  
Acq: 26 Jun 2022 20:42

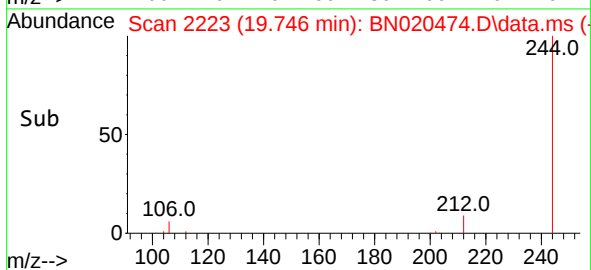
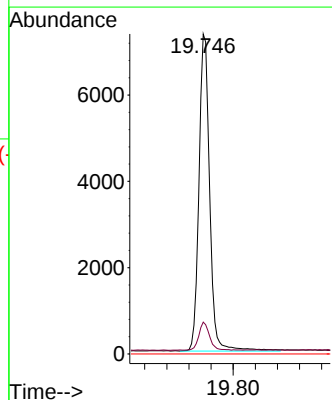
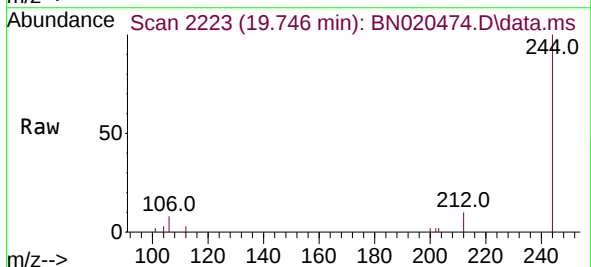
Instrument :  
BNA\_N  
ClientSampleId :  
MW-46

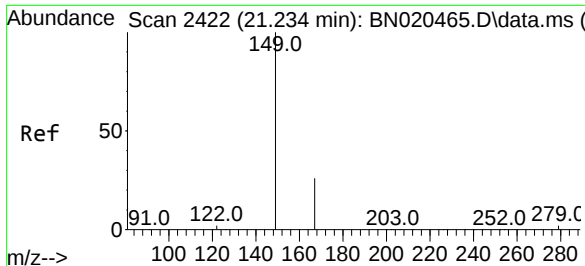
Tgt Ion:240 Resp: 9094  
Ion Ratio Lower Upper  
240 100  
120 14.5 14.6 21.8#  
236 28.9 22.6 33.8



#31  
Terphenyl-d14  
Concen: 0.454 ng  
RT: 19.746 min Scan# 2223  
Delta R.T. -0.009 min  
Lab File: BN020474.D  
Acq: 26 Jun 2022 20:42

Tgt Ion:244 Resp: 9869  
Ion Ratio Lower Upper  
244 100  
212 10.0 7.1 10.7  
122 0.0 0.0 0.0

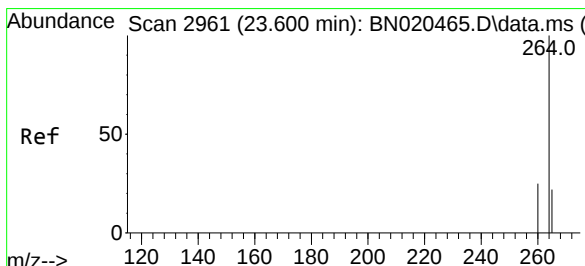
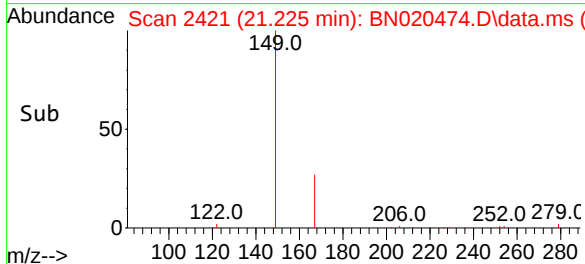
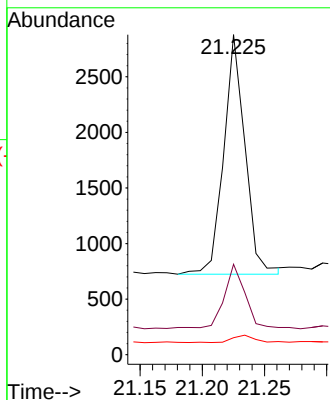
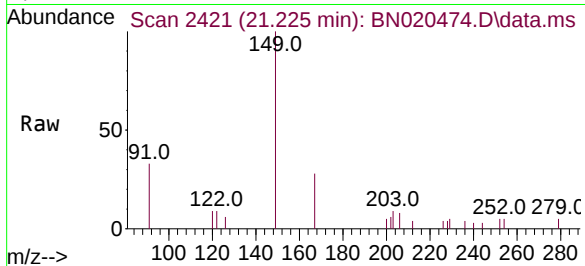




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.140 ng  
 RT: 21.225 min Scan# 2421  
 Delta R.T. -0.009 min  
 Lab File: BN020474.D  
 Acq: 26 Jun 2022 20:42

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-46

Tgt Ion:149 Resp: 2565  
 Ion Ratio Lower Upper  
 149 100  
 167 26.9 21.7 32.5  
 279 3.3 2.2 3.2#



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.586 min Scan# 2956  
 Delta R.T. -0.015 min  
 Lab File: BN020474.D  
 Acq: 26 Jun 2022 20:42

Tgt Ion:264 Resp: 8376  
 Ion Ratio Lower Upper  
 264 100  
 260 26.6 20.9 31.3  
 265 38.6 28.0 42.0

