

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN120323\  
 Data File : BN029017.D  
 Acq On : 03 Dec 2023 12:45  
 Operator : MA/JU  
 Sample : 05404-24  
 Misc :  
 ALS Vial : 71 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DUP02-20231109

Quant Time: Dec 04 00:43:09 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN113023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 04 00:28:48 2023  
 Response via : Initial Calibration

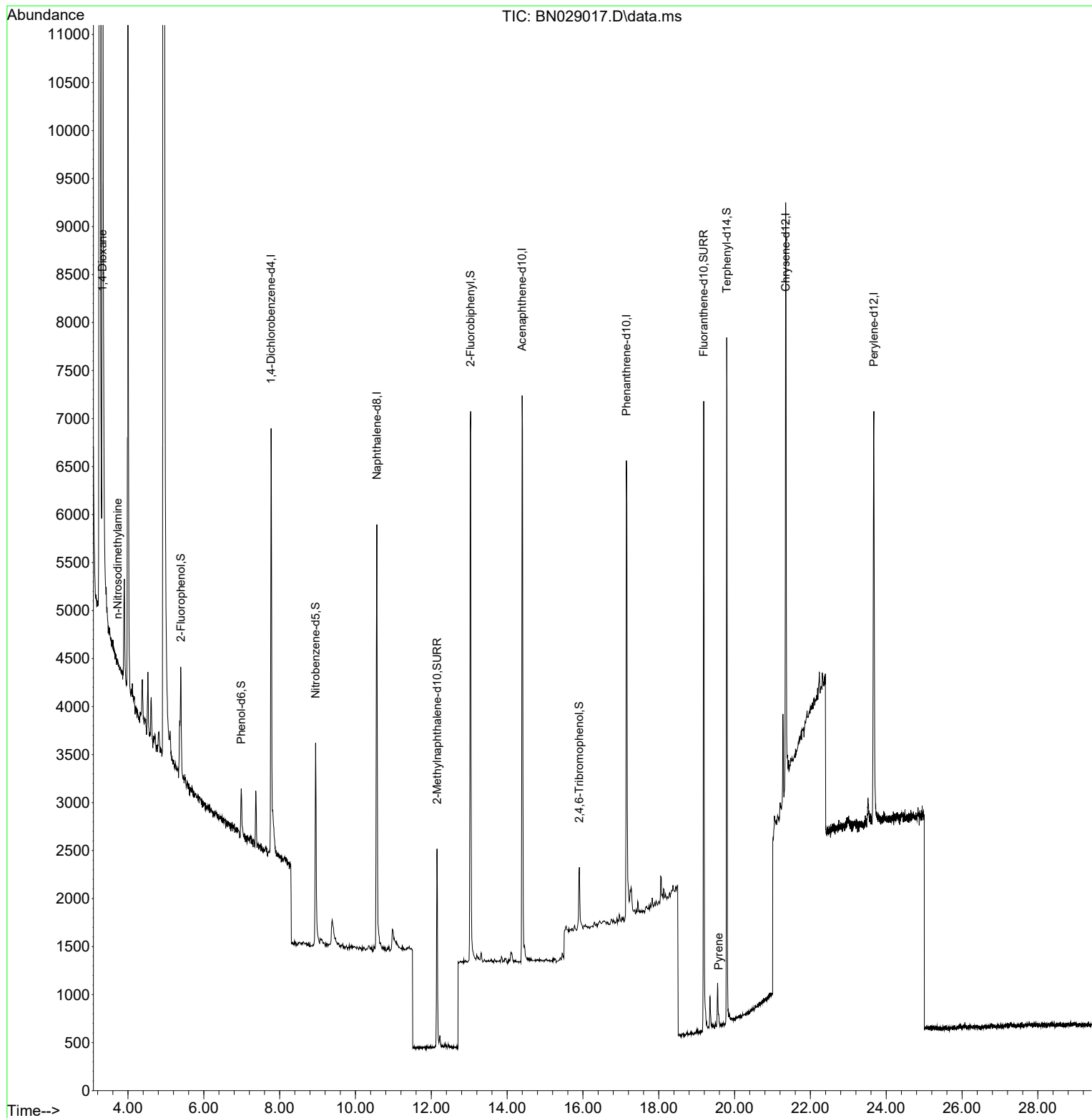
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.775  | 152  | 2147     | 0.400     | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.562 | 136  | 6035     | 0.400     | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.396 | 164  | 3800     | 0.400     | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.147 | 188  | 8019     | 0.400     | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.347 | 240  | 6470     | 0.400     | ng    | # 0.00   |
| 35) Perylene-d12              | 23.673 | 264  | 6224     | 0.400     | ng    | # 0.00   |
|                               |        |      |          |           |       |          |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 4) 2-Fluorophenol             | 5.399  | 112  | 730      | 0.112     | ng    | 0.00     |
| 5) Phenol-d6                  | 6.988  | 99   | 456      | 0.063     | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.950  | 82   | 1958     | 0.326     | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.151 | 152  | 2987     | 0.308     | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.905 | 330  | 496      | 0.193     | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.039 | 172  | 5629     | 0.343     | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.186 | 212  | 7869     | 0.373     | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.794 | 244  | 7381     | 0.400     | ng    | 0.00     |
|                               |        |      |          |           |       |          |
| Target Compounds              |        |      |          |           |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.326  | 88   | 14163    | 6.736     | ng    | # 93     |
| 3) n-Nitrosodimethylamine     | 3.731  | 42   | 77       | 0.115     | ng    | # 41     |
| 30) Pyrene                    | 19.580 | 202  | 107      | 0.096     | ng    | # 76     |
| 34) Bis(2-ethylhexyl)phtha... | 21.275 | 149  | 1092     | Below Cal |       | # 90     |
| -----                         |        |      |          |           |       |          |

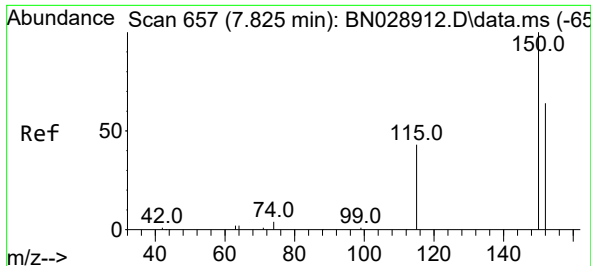
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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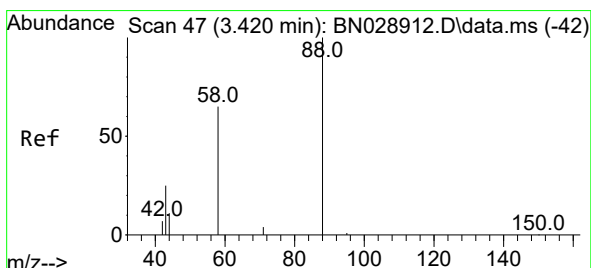
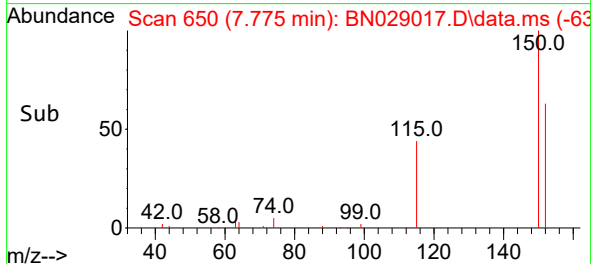
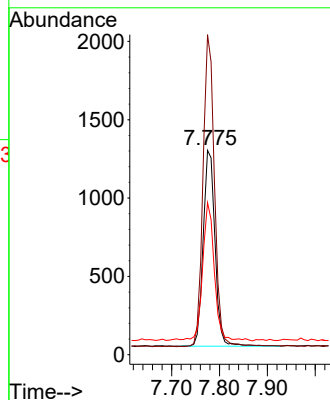
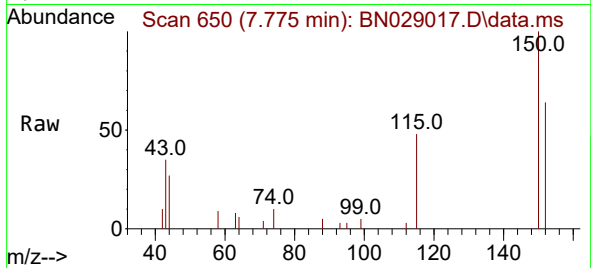




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.775 min Scan# 6  
 Delta R.T. -0.007 min  
 Lab File: BN029017.D  
 Acq: 03 Dec 2023 12:45

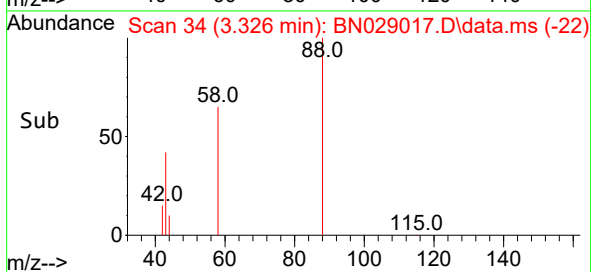
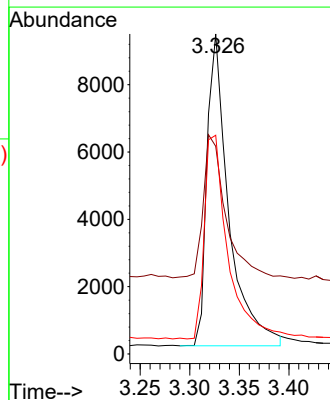
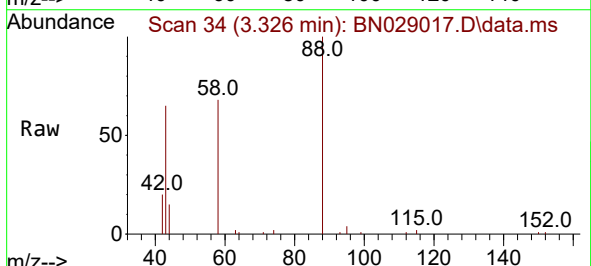
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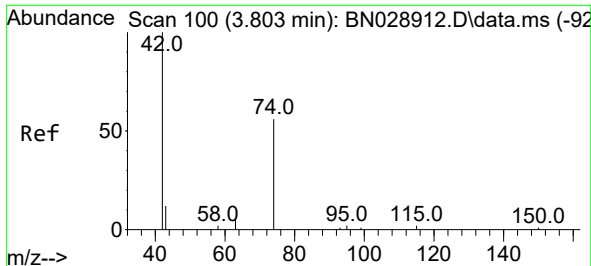
Tgt Ion:152 Resp: 2147  
 Ion Ratio Lower Upper  
 152 100  
 150 156.6 123.4 185.2  
 115 74.4 59.1 88.7



#2  
 1,4-Dioxane  
 Concen: 6.736 ng  
 RT: 3.326 min Scan# 34  
 Delta R.T. -0.014 min  
 Lab File: BN029017.D  
 Acq: 03 Dec 2023 12:45

Tgt Ion: 88 Resp: 14163  
 Ion Ratio Lower Upper  
 88 100  
 43 47.0 29.9 44.9#  
 58 70.5 55.0 82.4

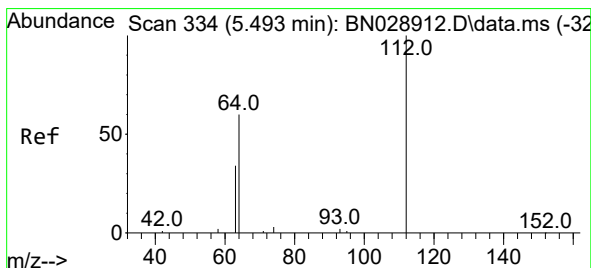
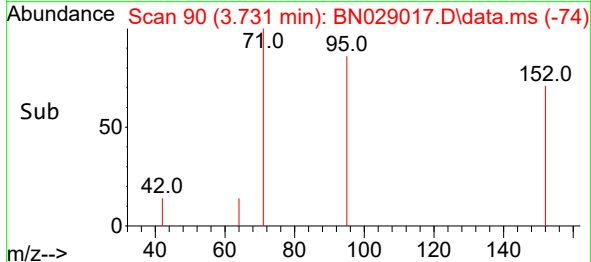
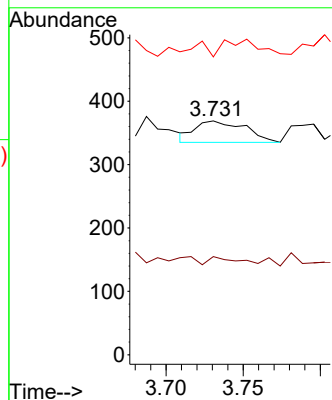
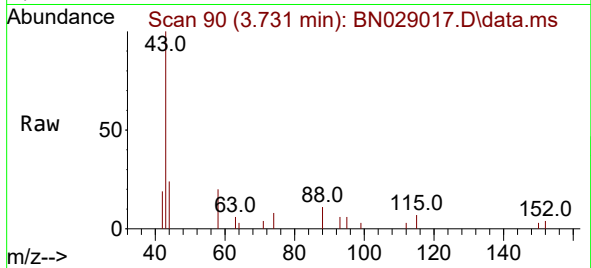




#3  
n-Nitrosodimethylamine  
Concen: 0.115 ng  
RT: 3.731 min Scan# 90  
Delta R.T. 0.014 min  
Lab File: BN029017.D  
Acq: 03 Dec 2023 12:45

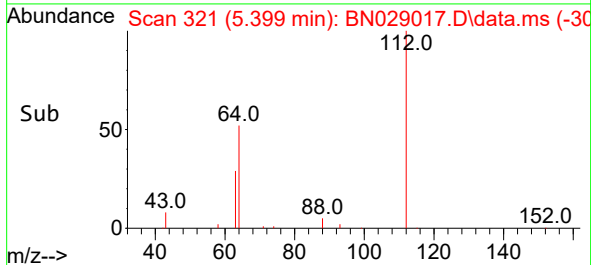
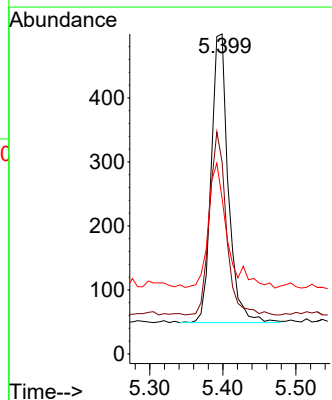
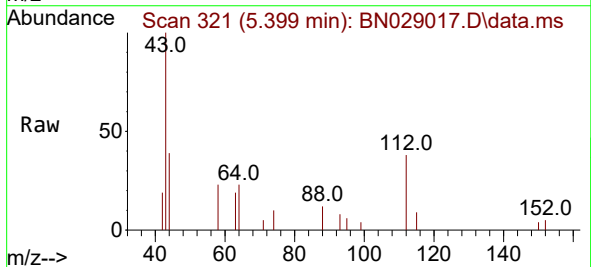
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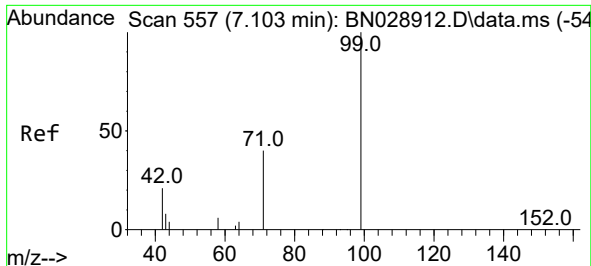
Tgt Ion: 42 Resp: 77  
Ion Ratio Lower Upper  
42 100  
74 22.1 57.0 85.6#  
44 48.1 0.0 0.0#



#4  
2-Fluorophenol  
Concen: 0.112 ng  
RT: 5.399 min Scan# 321  
Delta R.T. 0.000 min  
Lab File: BN029017.D  
Acq: 03 Dec 2023 12:45

Tgt Ion: 112 Resp: 730  
Ion Ratio Lower Upper  
112 100  
64 62.5 51.5 77.3  
63 47.7 30.4 45.6#

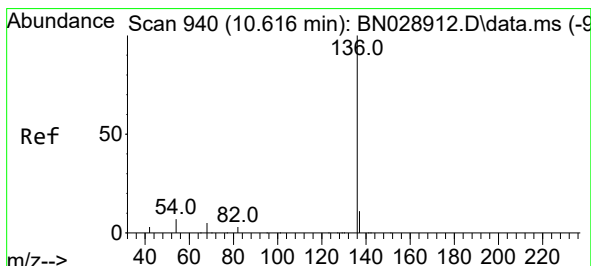
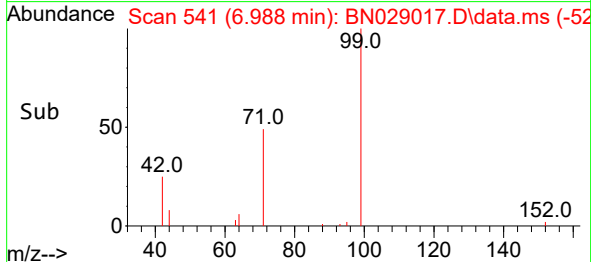
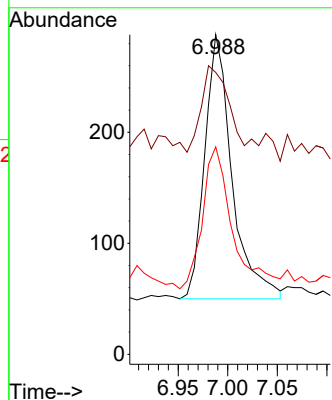
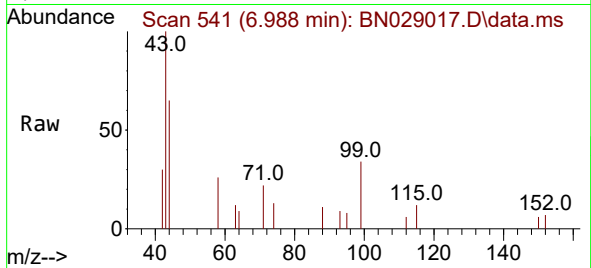




#5  
Phenol-d6  
Concen: 0.063 ng  
RT: 6.988 min Scan# 541  
Delta R.T. 0.000 min  
Lab File: BN029017.D  
Acq: 03 Dec 2023 12:45

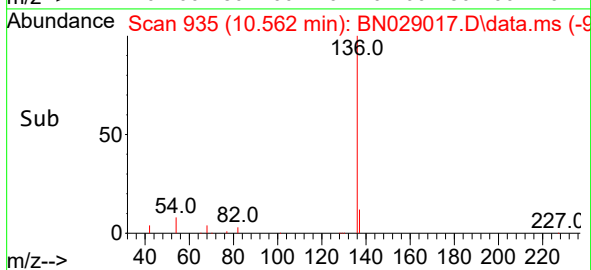
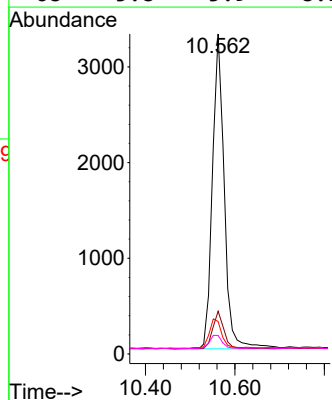
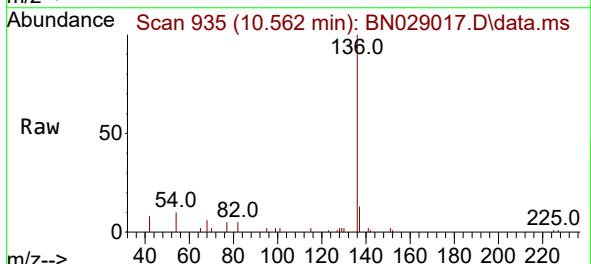
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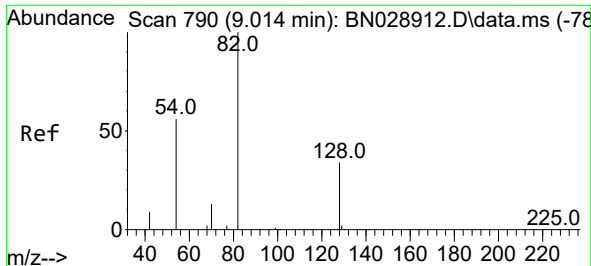
Tgt Ion: 99 Resp: 456  
Ion Ratio Lower Upper  
99 100  
42 36.4 21.2 31.8#  
71 58.6 35.4 53.0#



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.562 min Scan# 935  
Delta R.T. 0.000 min  
Lab File: BN029017.D  
Acq: 03 Dec 2023 12:45

Tgt Ion: 136 Resp: 6035  
Ion Ratio Lower Upper  
136 100  
137 13.3 10.6 16.0  
54 10.2 7.5 11.3  
68 5.8 5.9 8.9#

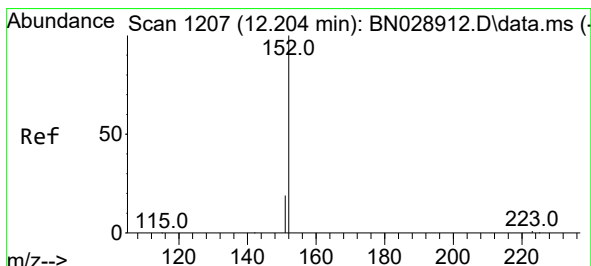
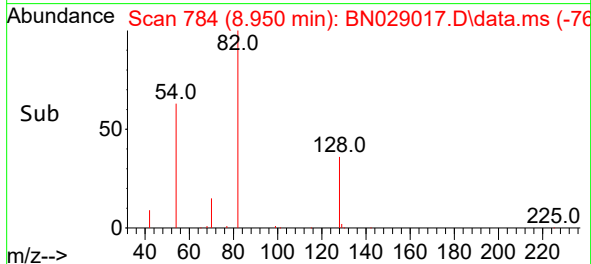
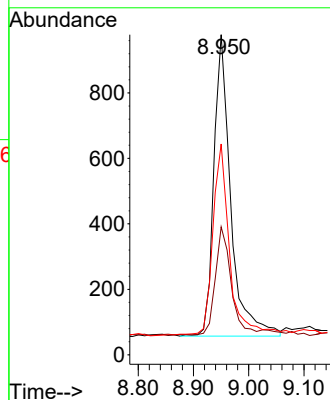
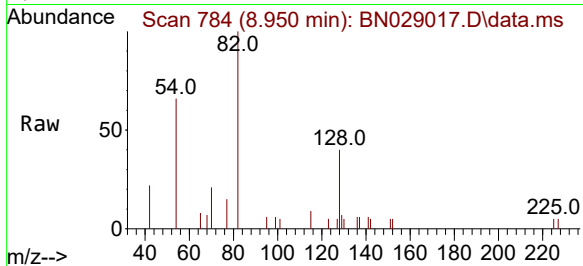




#8  
Nitrobenzene-d5  
Concen: 0.326 ng  
RT: 8.950 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BN029017.D  
Acq: 03 Dec 2023 12:45

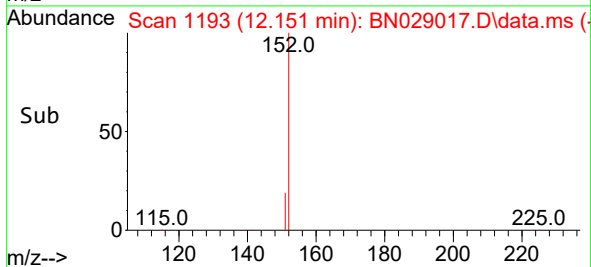
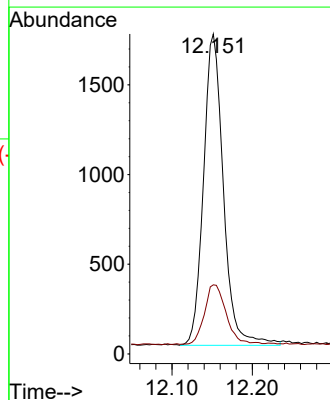
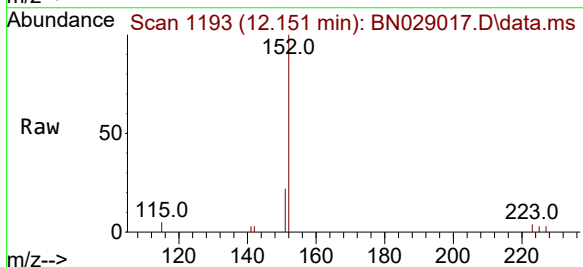
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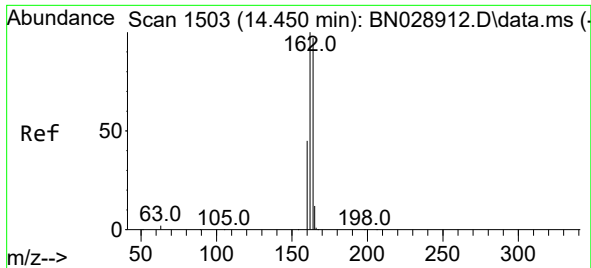
Tgt Ion: 82 Resp: 1958  
Ion Ratio Lower Upper  
82 100  
128 40.0 29.2 43.8  
54 65.8 47.0 70.6



#11  
2-Methylnaphthalene-d10  
Concen: 0.308 ng  
RT: 12.151 min Scan# 1193  
Delta R.T. 0.000 min  
Lab File: BN029017.D  
Acq: 03 Dec 2023 12:45

Tgt Ion: 152 Resp: 2987  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.7 25.1

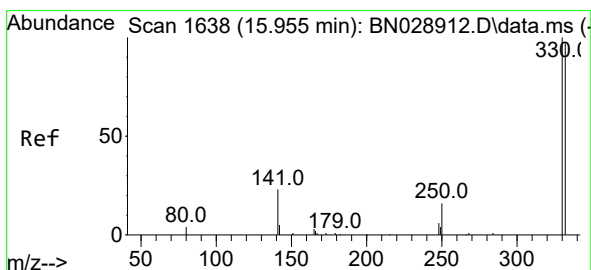
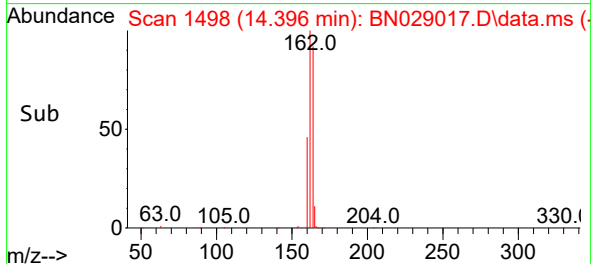
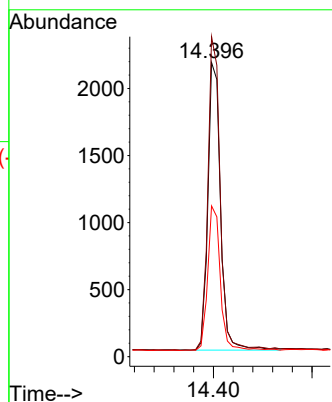
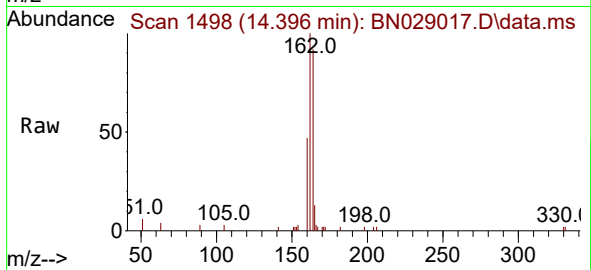




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.396 min Scan# 14  
Delta R.T. -0.011 min  
Lab File: BN029017.D  
Acq: 03 Dec 2023 12:45

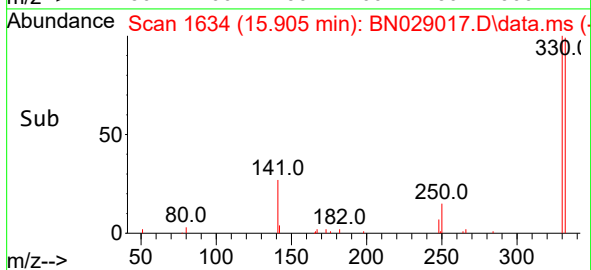
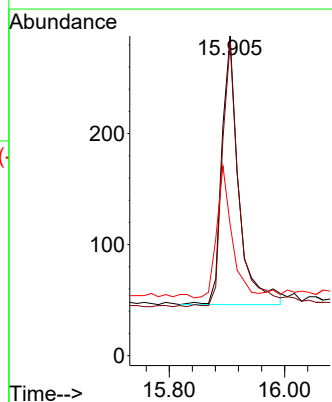
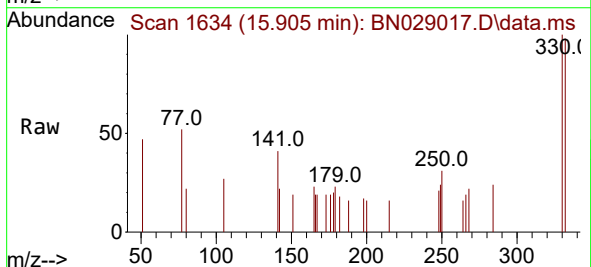
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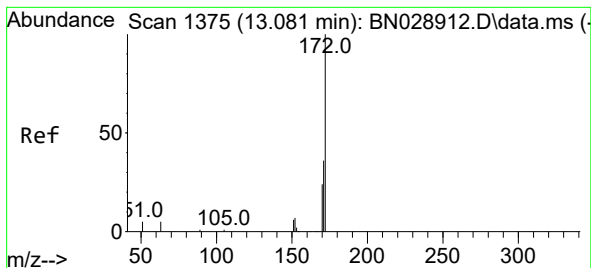
Tgt Ion:164 Resp: 3800  
Ion Ratio Lower Upper  
164 100  
162 108.8 81.7 122.5  
160 51.3 37.0 55.6



#14  
2,4,6-Tribromophenol  
Concen: 0.193 ng  
RT: 15.905 min Scan# 1634  
Delta R.T. 0.000 min  
Lab File: BN029017.D  
Acq: 03 Dec 2023 12:45

Tgt Ion:330 Resp: 496  
Ion Ratio Lower Upper  
330 100  
332 97.4 75.4 113.2  
141 44.0 35.7 53.5

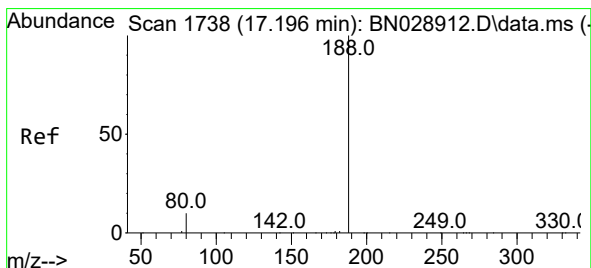
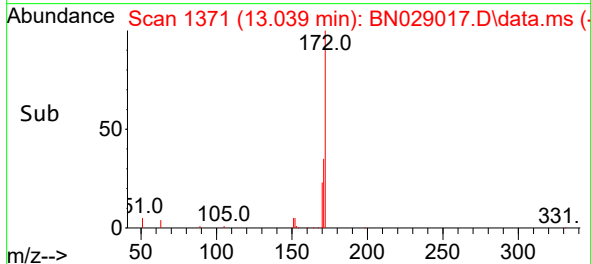
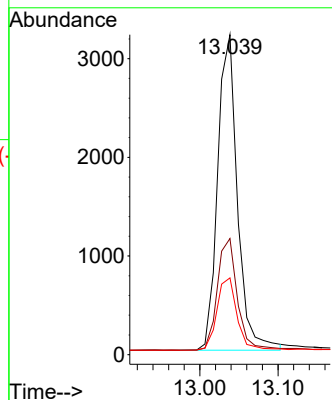
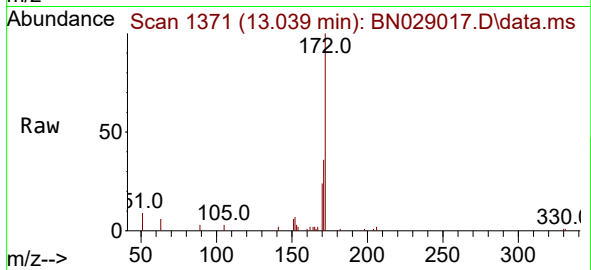




#15  
2-Fluorobiphenyl  
Concen: 0.343 ng  
RT: 13.039 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN029017.D  
Acq: 03 Dec 2023 12:45

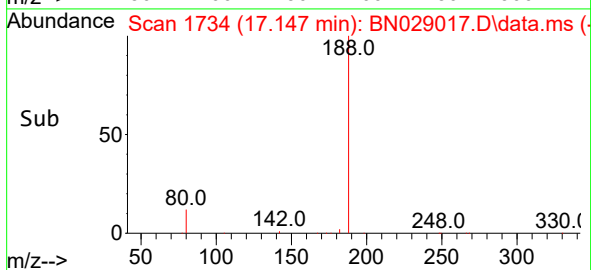
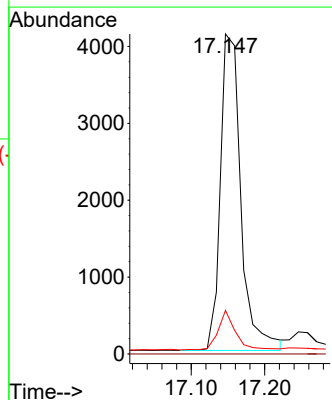
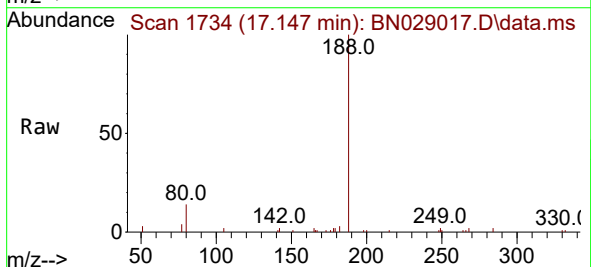
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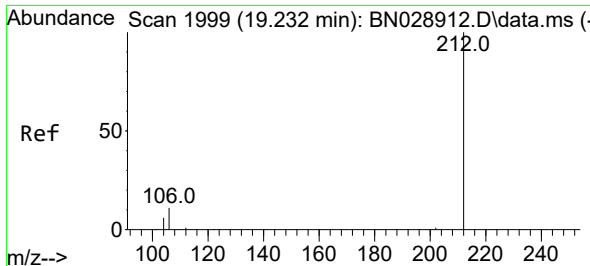
Tgt Ion:172 Resp: 5629  
Ion Ratio Lower Upper  
172 100  
171 36.3 29.0 43.4  
170 24.0 19.7 29.5



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.147 min Scan# 1734  
Delta R.T. -0.012 min  
Lab File: BN029017.D  
Acq: 03 Dec 2023 12:45

Tgt Ion:188 Resp: 8019  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 13.6 9.0 13.6#

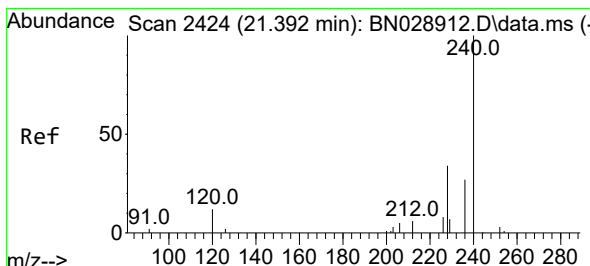
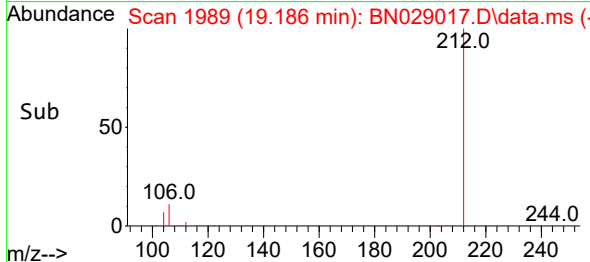
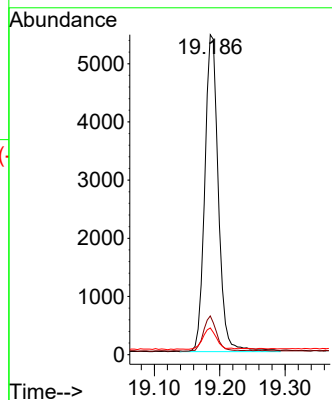
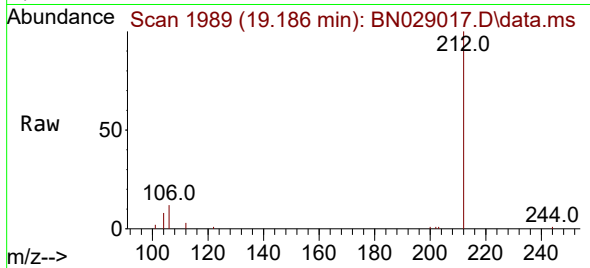




#27  
Fluoranthene-d10  
Concen: 0.373 ng  
RT: 19.186 min Scan# 1919  
Delta R.T. -0.005 min  
Lab File: BN029017.D  
Acq: 03 Dec 2023 12:45

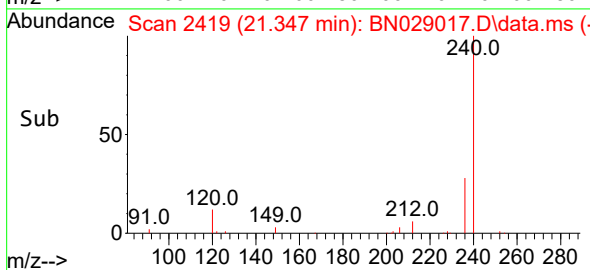
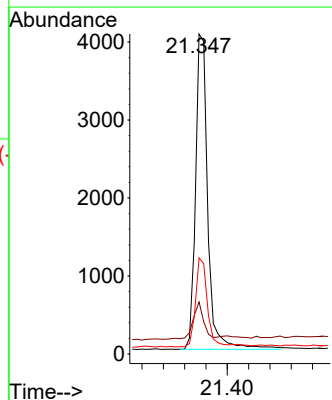
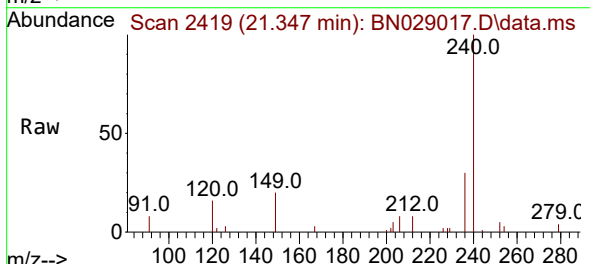
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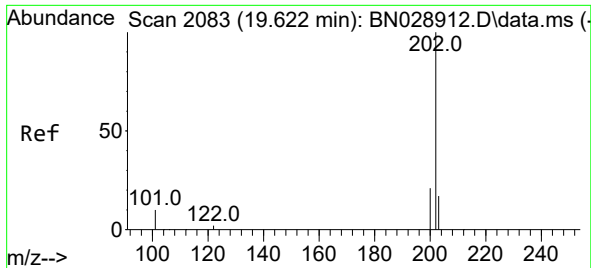
Tgt Ion:212 Resp: 7869  
Ion Ratio Lower Upper  
212 100  
106 10.8 9.4 14.2  
104 6.7 6.2 9.2



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.347 min Scan# 2419  
Delta R.T. 0.000 min  
Lab File: BN029017.D  
Acq: 03 Dec 2023 12:45

Tgt Ion:240 Resp: 6470  
Ion Ratio Lower Upper  
240 100  
120 16.2 37.1 55.7#  
236 30.0 32.4 48.6#

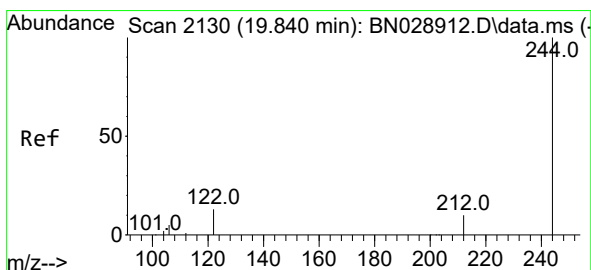
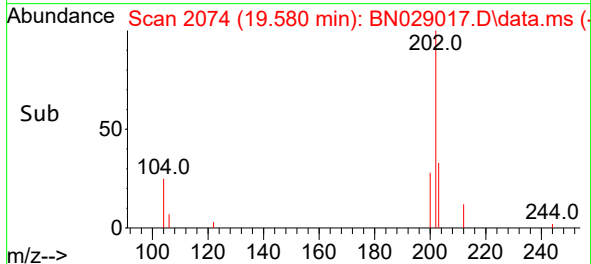
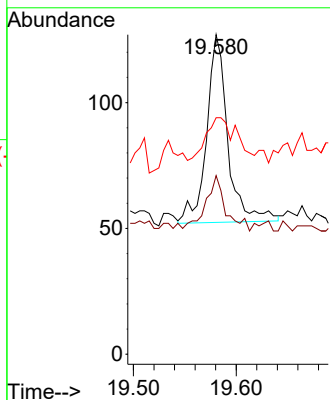
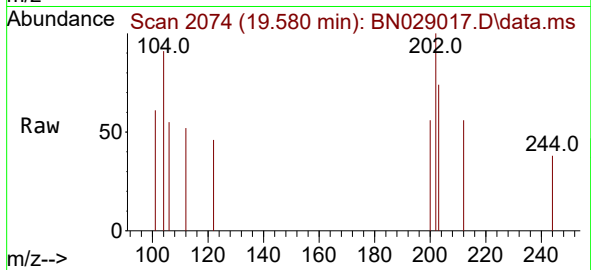




#30  
 Pyrene  
 Concen: 0.096 ng  
 RT: 19.580 min Scan# 20  
 Delta R.T. 0.000 min  
 Lab File: BN029017.D  
 Acq: 03 Dec 2023 12:45

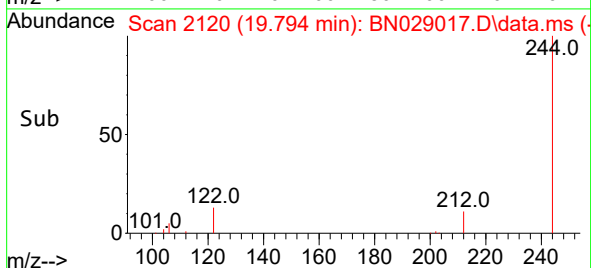
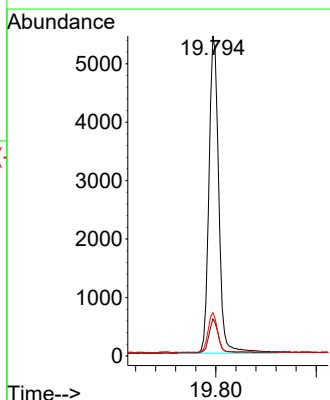
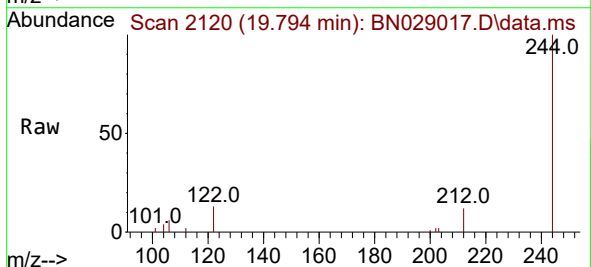
Instrument :  
 BNA\_N  
 ClientSampleId :  
 DUP02-20231109

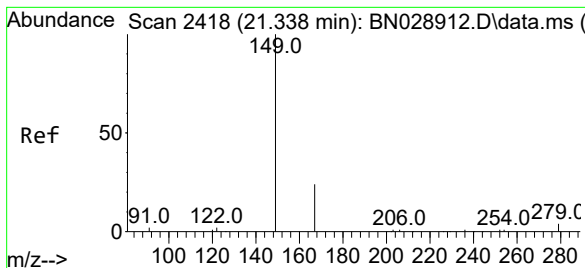
Tgt Ion:202 Resp: 107  
 Ion Ratio Lower Upper  
 202 100  
 200 28.0 16.9 25.3#  
 203 33.6 14.8 22.2#



#31  
 Terphenyl-d14  
 Concen: 0.400 ng  
 RT: 19.794 min Scan# 2120  
 Delta R.T. 0.000 min  
 Lab File: BN029017.D  
 Acq: 03 Dec 2023 12:45

Tgt Ion:244 Resp: 7381  
 Ion Ratio Lower Upper  
 244 100  
 212 11.6 11.5 17.3  
 122 13.5 13.2 19.8

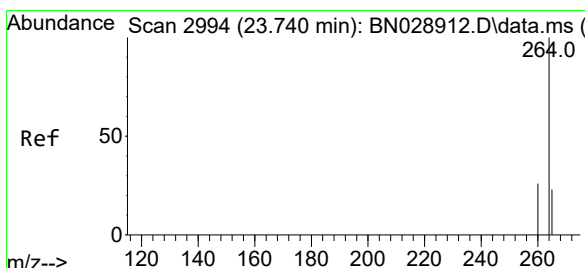
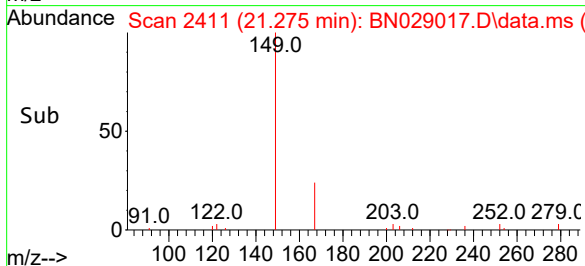
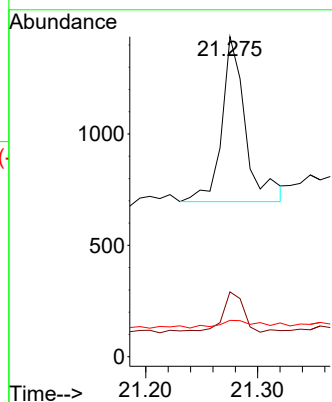
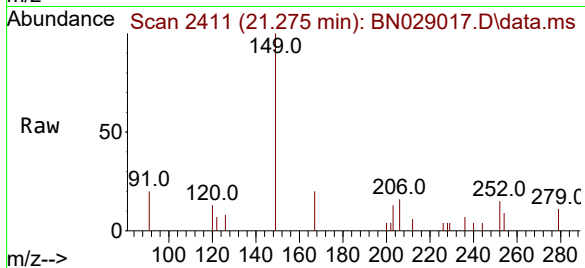




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: Below Cal  
 RT: 21.275 min Scan# 2411  
 Delta R.T. 0.000 min  
 Lab File: BN029017.D  
 Acq: 03 Dec 2023 12:45

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DUP02-20231109

Tgt Ion:149 Resp: 1092  
 Ion Ratio Lower Upper  
 149 100  
 167 24.5 14.9 22.3#  
 279 9.0 6.3 9.5



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.673 min Scan# 2971  
 Delta R.T. 0.003 min  
 Lab File: BN029017.D  
 Acq: 03 Dec 2023 12:45

Tgt Ion:264 Resp: 6224  
 Ion Ratio Lower Upper  
 264 100  
 260 27.7 20.6 30.8  
 265 69.9 464.5 696.7#

