

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN121620\  
 Data File : BN013172.D  
 Acq On : 16 Dec 2020 19:08  
 Operator : CG/JU  
 Sample : L5053-05  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE104D1-20201209

Quant Time: Dec 17 03:07:05 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN121620.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 15 16:49:20 2020  
 Response via : Initial Calibration

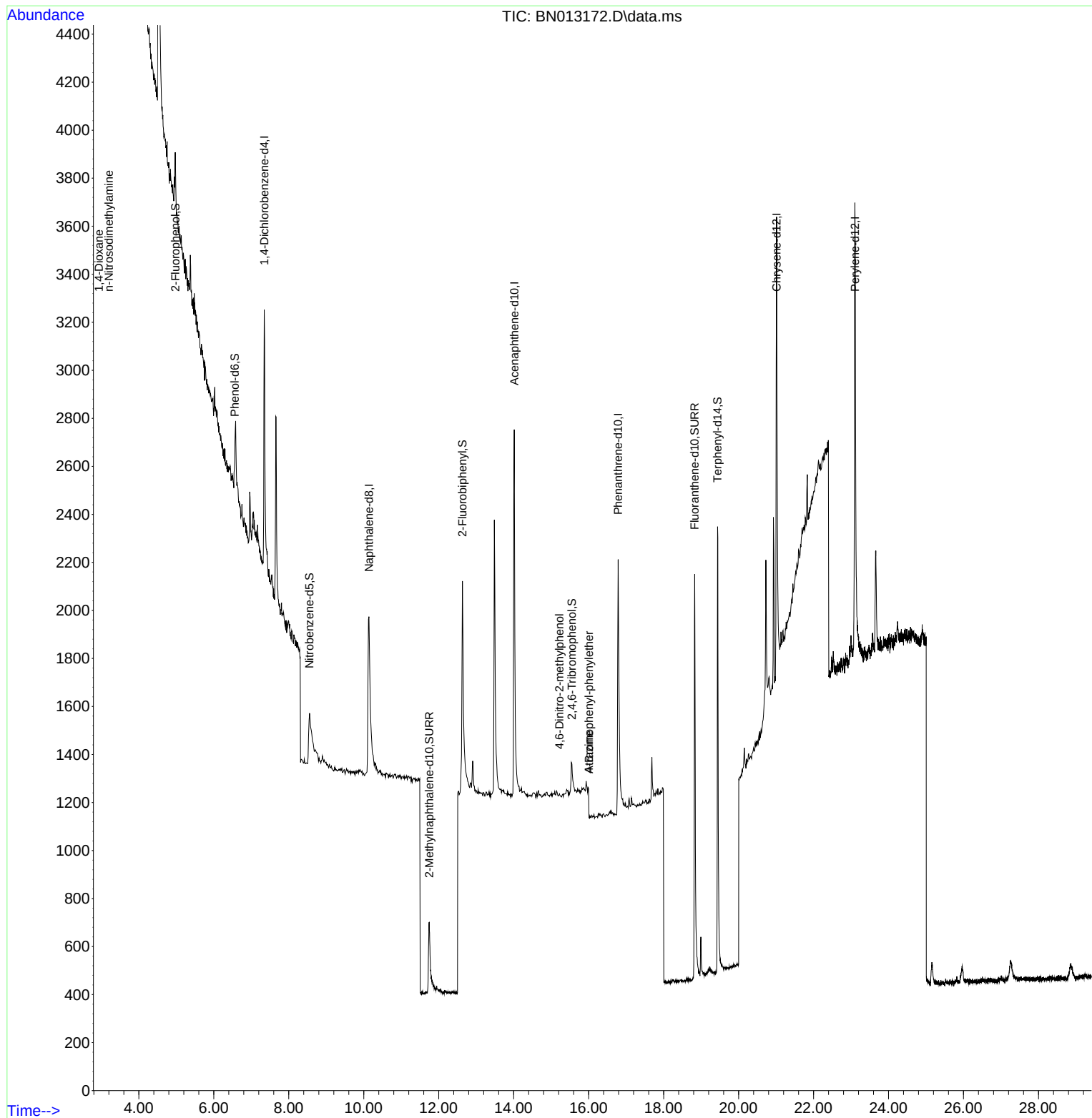
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.346  | 152  | 695      | 0.40  | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.137 | 136  | 2020     | 0.40  | ng    | # 0.03   |
| 13) Acenaphthene-d10          | 14.016 | 164  | 1290     | 0.40  | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.787 | 188  | 2623     | 0.40  | ng    | # 0.01   |
| 29) Chrysene-d12              | 21.013 | 240  | 2828     | 0.40  | ng    | # 0.00   |
| 36) Perylene-d12              | 23.103 | 264  | 3217     | 0.40  | ng    | # 0.00   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 4.978  | 112  | 248      | 0.09  | ng    | 0.00     |
| 5) Phenol-d6                  | 6.557  | 99   | 127      | 0.04  | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.553  | 82   | 570      | 0.27  | ng    | 0.04     |
| 11) 2-Methylnaphthalene-d10   | 11.746 | 152  | 915      | 0.26  | ng    | 0.02     |
| 14) 2,4,6-Tribromophenol      | 15.551 | 330  | 171      | 0.21  | ng    | 0.01     |
| 15) 2-Fluorobiphenyl          | 12.633 | 172  | 1344     | 0.25  | ng    | 0.00     |
| 27) Fluoranthene-d10          | 18.828 | 212  | 2930     | 0.34  | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.439 | 244  | 2620     | 0.36  | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.933  | 88   | 3000     | 2.48  | ng    | 98       |
| 3) n-Nitrosodimethylamine     | 3.206  | 42   | 194      | 0.10  | ng    | # 1      |
| 20) 4,6-Dinitro-2-methylph... | 15.222 | 198  | 2        | 0.19  | ng    | # 1      |
| 21) 4-Bromophenyl-phenylether | 16.008 | 248  | 202      | 0.39  | ng    | # 78     |
| 23) Atrazine                  | 16.008 | 200  | 101      | 0.06  | ng    | # 1      |
| 34) Bis(2-ethylhexyl)phtha... | 20.929 | 149  | 679      | Below | Cal   | # 98     |
| -----                         |        |      |          |       |       |          |

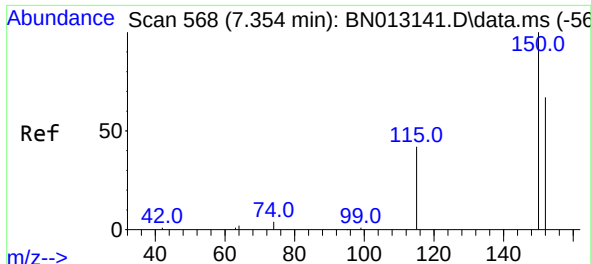
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN121620.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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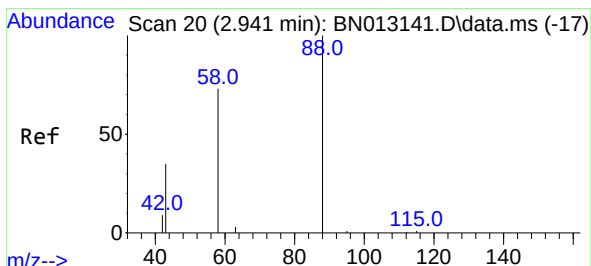
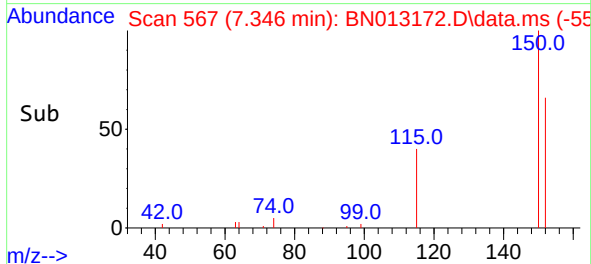
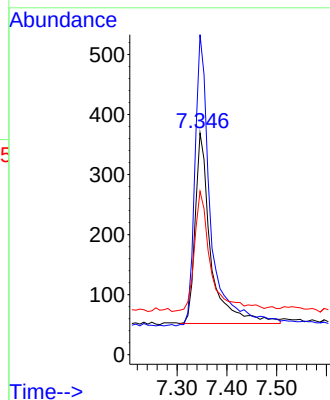
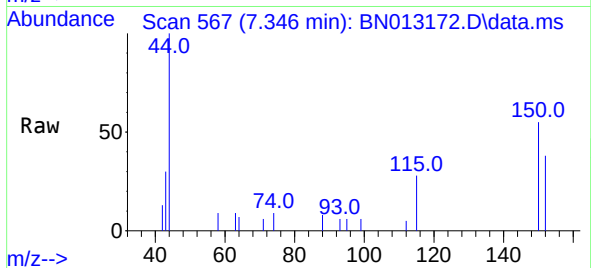




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.40 ng  
RT: 7.346 min Scan# 567  
Delta R.T. -0.008 min  
Lab File: BN013172.D  
Acq: 16 Dec 2020 19:08

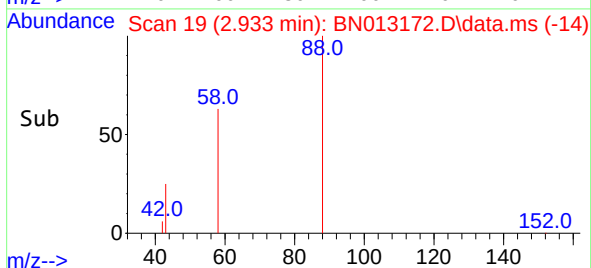
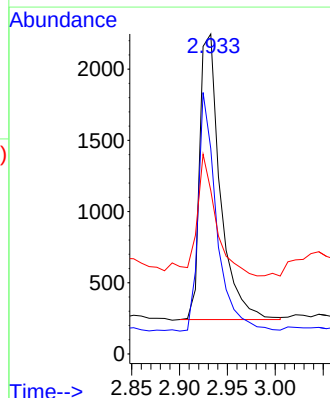
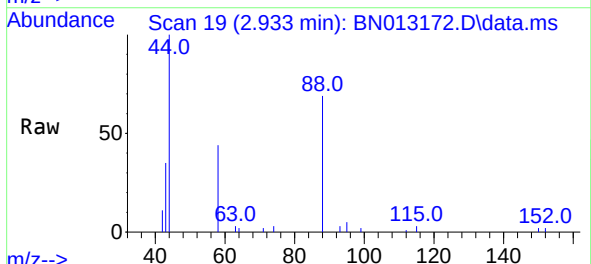
Instrument :  
BNA\_N  
ClientSampleId :  
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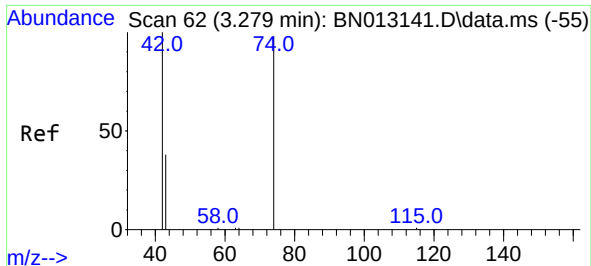
Tgt Ion: 152 Resp: 695  
Ion Ratio Lower Upper  
152 100  
150 144.4 116.6 174.8  
115 73.7 52.9 79.3



#2  
1,4-Dioxane  
Concen: 2.48 ng  
RT: 2.933 min Scan# 19  
Delta R.T. -0.008 min  
Lab File: BN013172.D  
Acq: 16 Dec 2020 19:08

Tgt Ion: 88 Resp: 3000  
Ion Ratio Lower Upper  
88 100  
58 74.8 59.4 89.2  
43 37.1 32.3 48.5

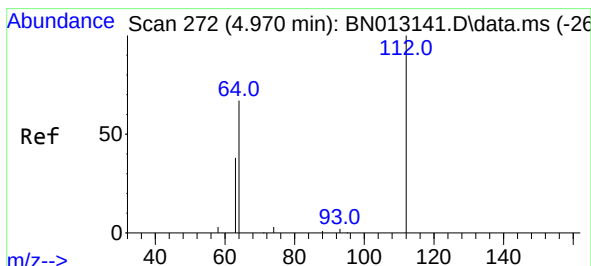
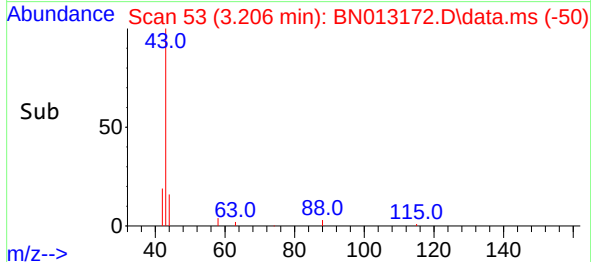
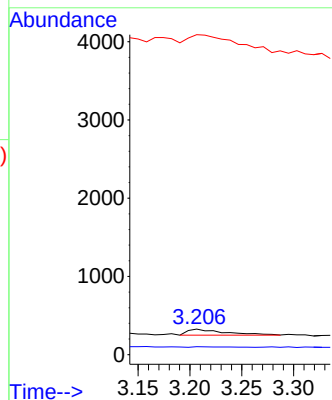
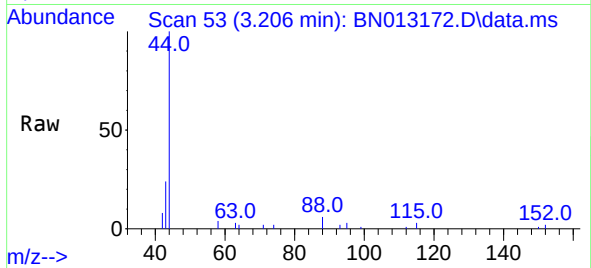




#3  
n-Nitrosodimethylamine  
Concen: 0.10 ng  
RT: 3.206 min Scan# 53  
Delta R.T. -0.073 min  
Lab File: BN013172.D  
Acq: 16 Dec 2020 19:08

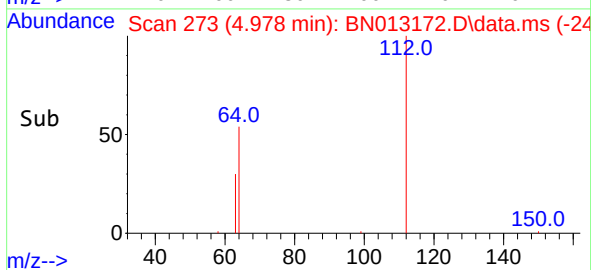
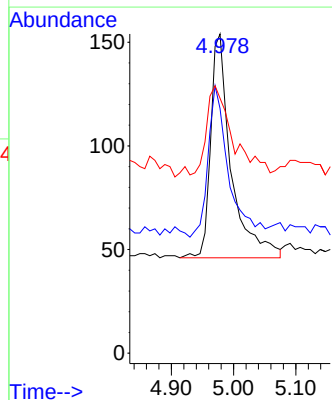
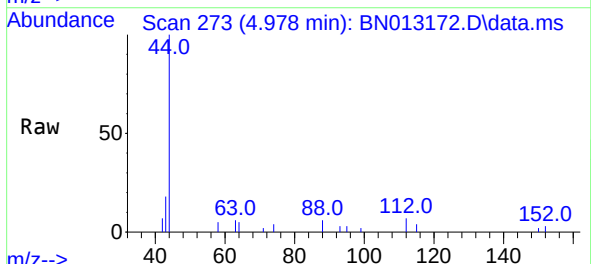
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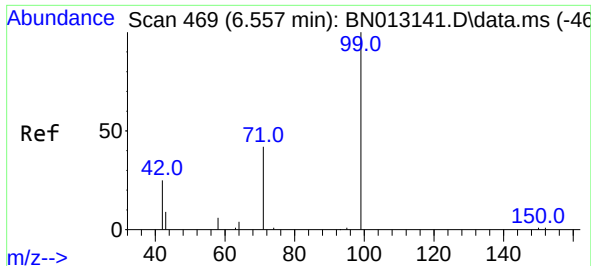
Tgt Ion: 42 Resp: 194  
Ion Ratio Lower Upper  
42 100  
74 7.7 64.4 96.6#  
44 788.1 2.8 4.2#



#4  
2-Fluorophenol  
Concen: 0.09 ng  
RT: 4.978 min Scan# 273  
Delta R.T. 0.008 min  
Lab File: BN013172.D  
Acq: 16 Dec 2020 19:08

Tgt Ion: 112 Resp: 248  
Ion Ratio Lower Upper  
112 100  
64 67.3 49.5 74.3  
63 50.0 32.0 48.0#

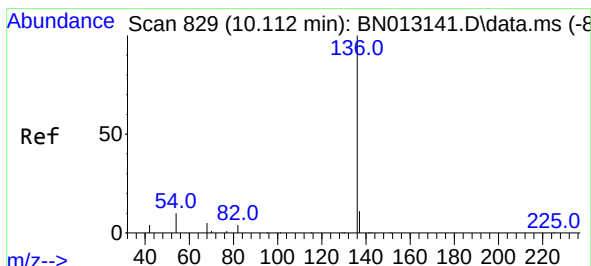
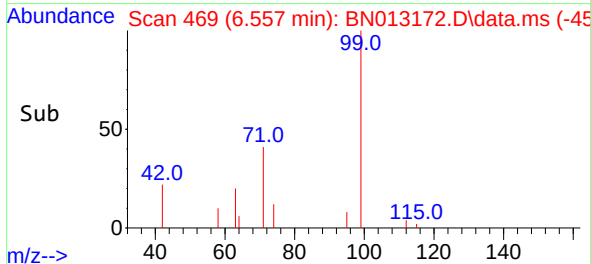
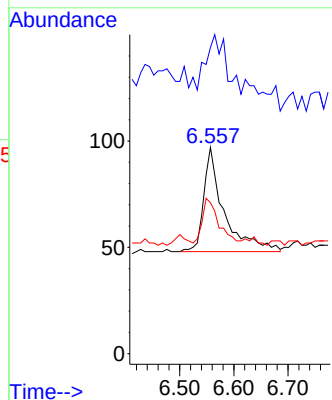
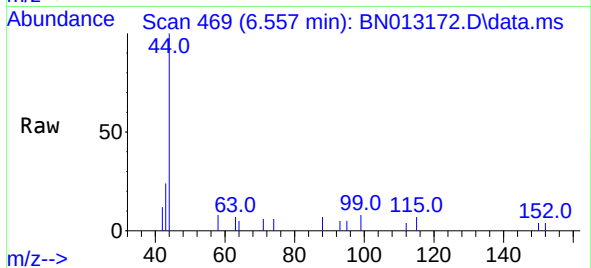




#5  
Phenol-d6  
Concen: 0.04 ng  
RT: 6.557 min Scan# 469  
Delta R.T. -0.000 min  
Lab File: BN013172.D  
Acq: 16 Dec 2020 19:08

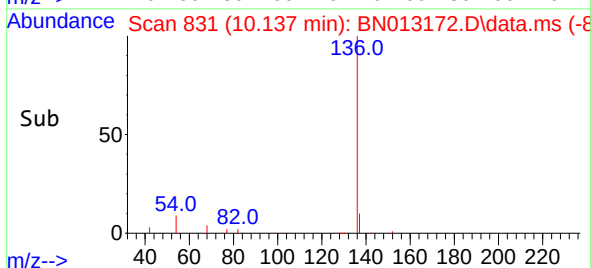
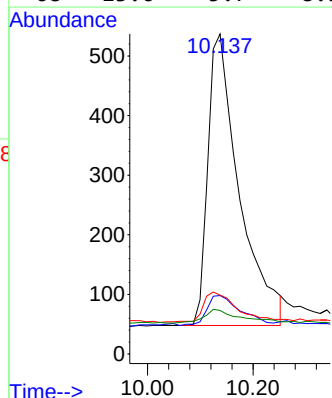
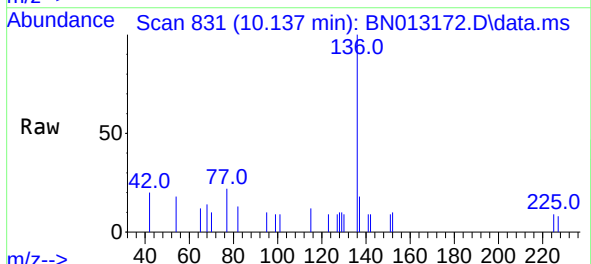
Instrument :  
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ClientSampleId :  
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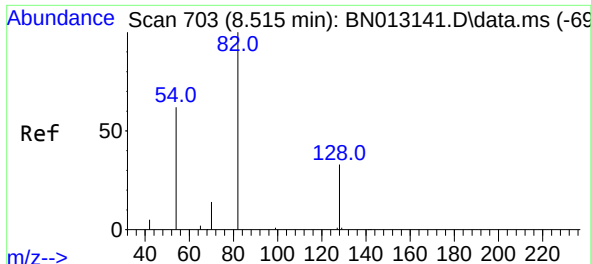
Tgt Ion: 99 Resp: 127  
Ion Ratio Lower Upper  
99 100  
42 55.1 22.4 33.6#  
71 36.2 37.8 56.6#



#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.137 min Scan# 831  
Delta R.T. 0.025 min  
Lab File: BN013172.D  
Acq: 16 Dec 2020 19:08

Tgt Ion: 136 Resp: 2020  
Ion Ratio Lower Upper  
136 100  
137 18.2 10.6 15.8#  
54 18.4 8.6 12.8#  
68 13.6 5.7 8.5#

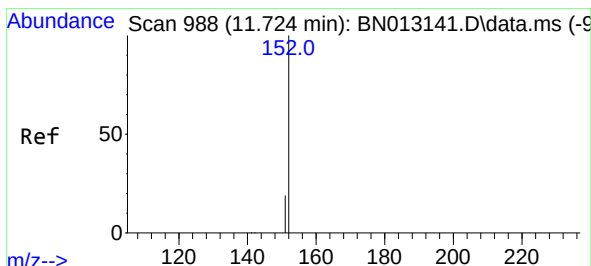
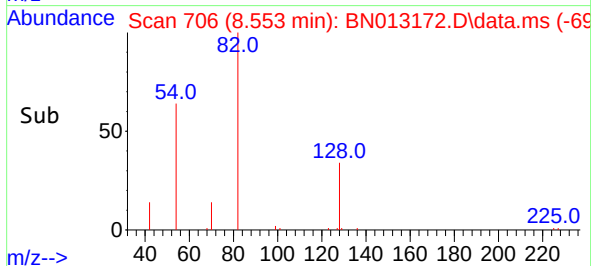
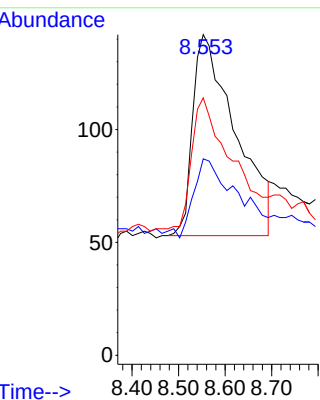
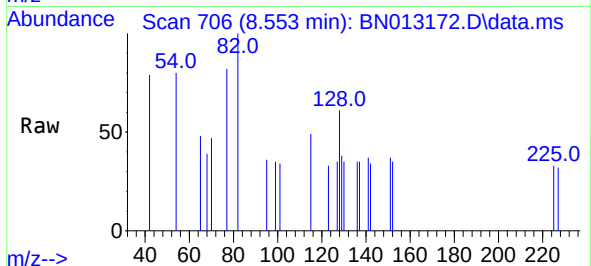




#8  
Nitrobenzene-d5  
Concen: 0.27 ng  
RT: 8.553 min Scan# 706  
Delta R.T. 0.038 min  
Lab File: BN013172.D  
Acq: 16 Dec 2020 19:08

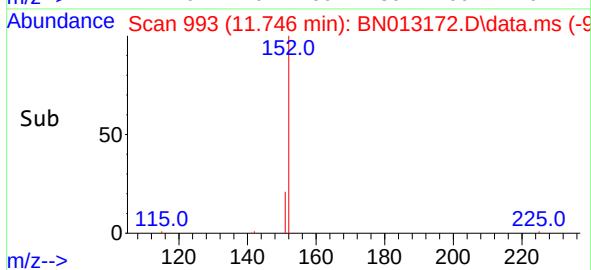
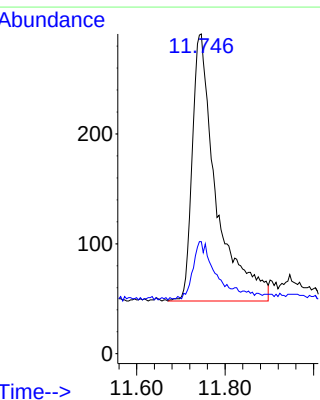
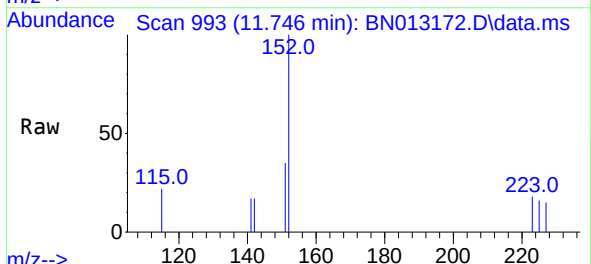
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RE104D1-20201209

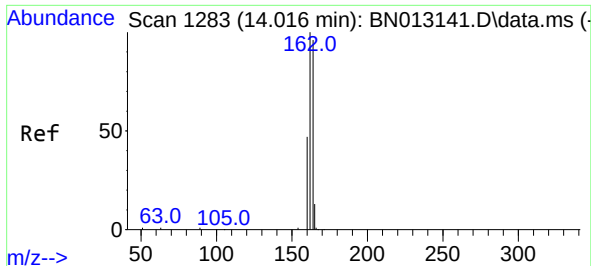
Tgt Ion: 82 Resp: 570  
Ion Ratio Lower Upper  
82 100  
128 61.3 30.6 46.0#  
54 80.3 48.3 72.5#



#11  
2-Methylnaphthalene-d10  
Concen: 0.26 ng  
RT: 11.746 min Scan# 993  
Delta R.T. 0.022 min  
Lab File: BN013172.D  
Acq: 16 Dec 2020 19:08

Tgt Ion:152 Resp: 915  
Ion Ratio Lower Upper  
152 100  
151 18.5 16.7 25.1

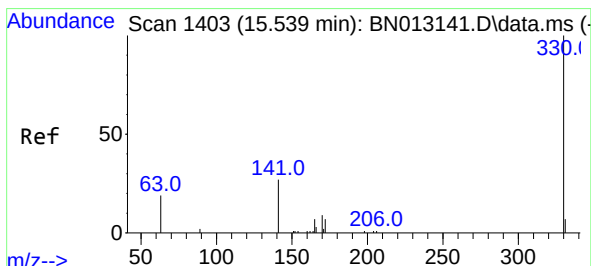
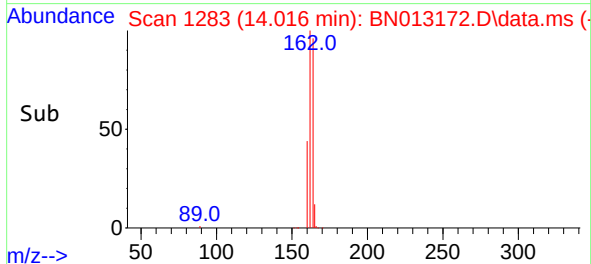
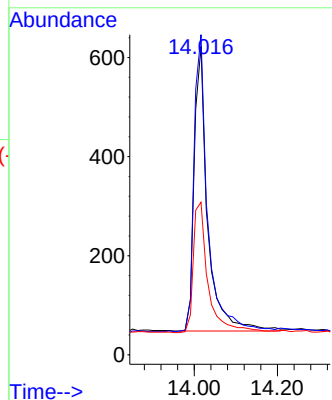
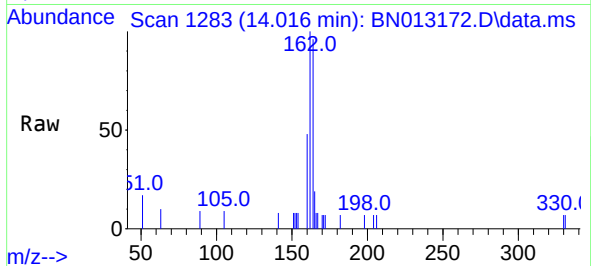




#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.016 min Scan# 1283  
Delta R.T. 0.000 min  
Lab File: BN013172.D  
Acq: 16 Dec 2020 19:08

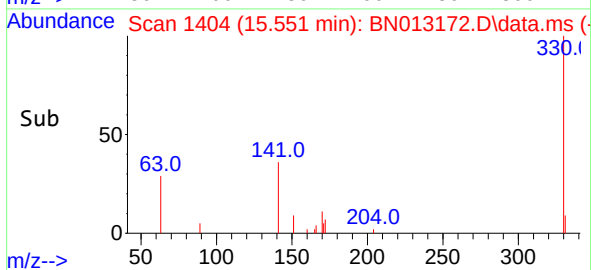
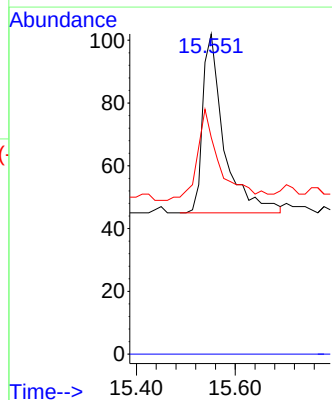
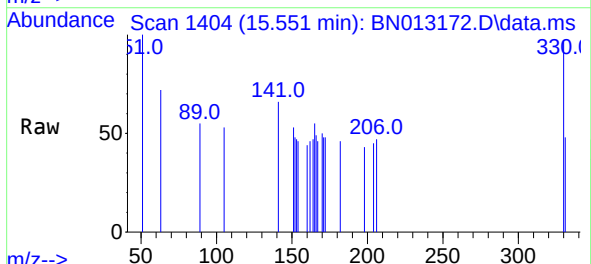
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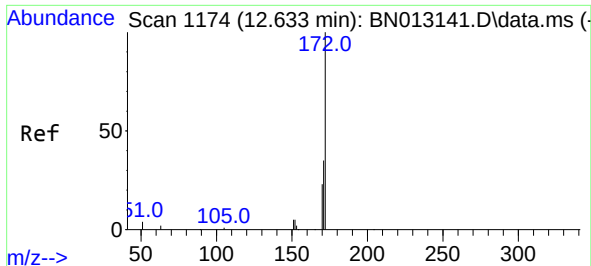
Tgt Ion:164 Resp: 1290  
Ion Ratio Lower Upper  
164 100  
162 103.9 80.6 120.8  
160 49.5 39.5 59.3



#14  
2,4,6-Tribromophenol  
Concen: 0.21 ng  
RT: 15.551 min Scan# 1404  
Delta R.T. 0.013 min  
Lab File: BN013172.D  
Acq: 16 Dec 2020 19:08

Tgt Ion:330 Resp: 171  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 55.0 34.4 51.6#

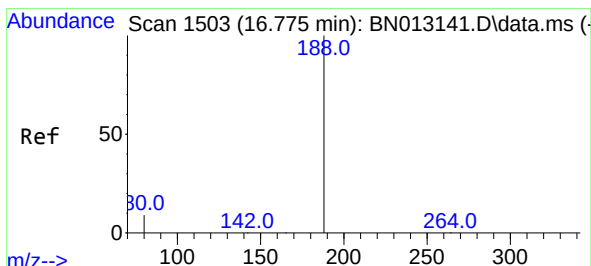
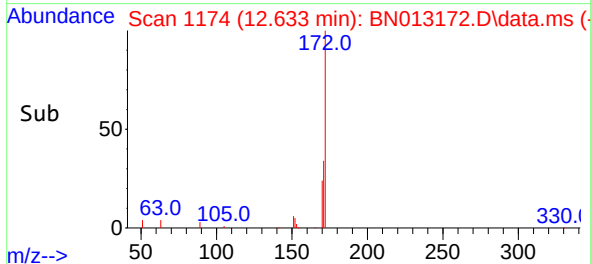
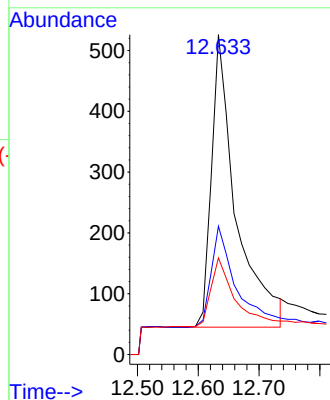
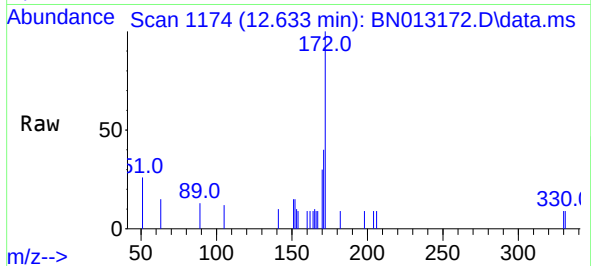




#15  
2-Fluorobiphenyl  
Concen: 0.25 ng  
RT: 12.633 min Scan# 1174  
Delta R.T. -0.000 min  
Lab File: BN013172.D  
Acq: 16 Dec 2020 19:08

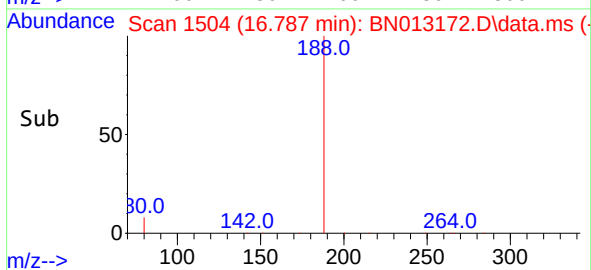
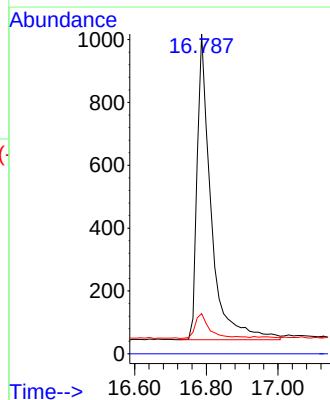
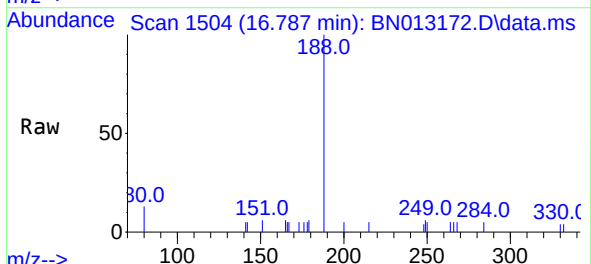
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 1344  |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 40.1  | 28.2  | 42.4  |
| 170      | 30.2  | 20.0  | 30.0# |

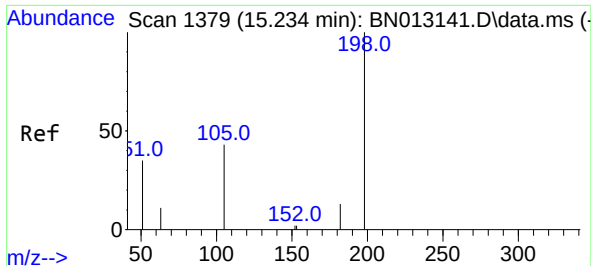


#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 16.787 min Scan# 1504  
Delta R.T. 0.012 min  
Lab File: BN013172.D  
Acq: 16 Dec 2020 19:08

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 188   | Resp: | 2623  |
| Ion      | Ratio | Lower | Upper |
| 188      | 100   |       |       |
| 94       | 0.0   | 0.0   | 0.0   |
| 80       | 12.6  | 5.0   | 7.4#  |



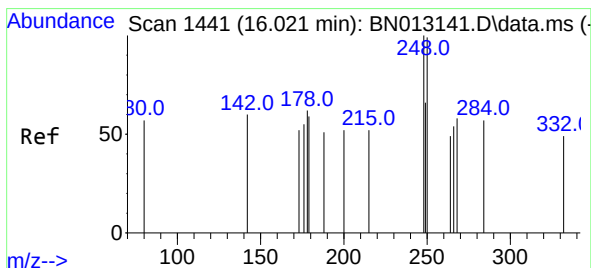
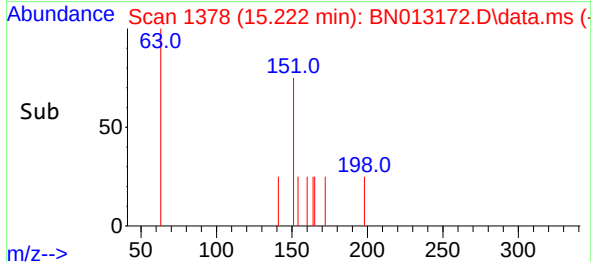
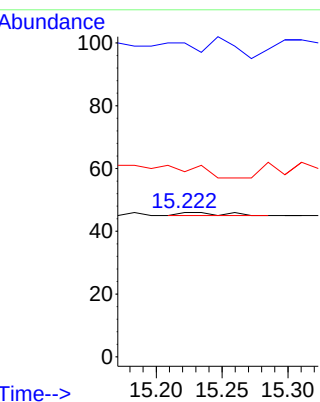
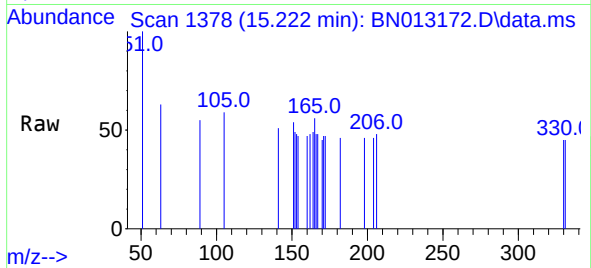




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.19 ng  
RT: 15.222 min Scan# 1378  
Delta R.T. -0.012 min  
Lab File: BN013172.D  
Acq: 16 Dec 2020 19:08

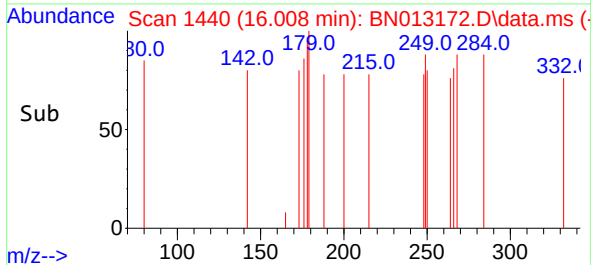
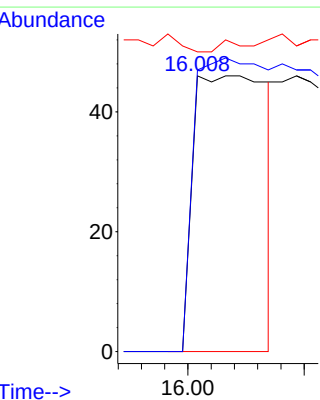
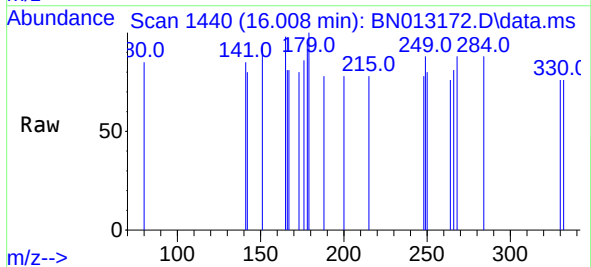
Instrument :  
BNA\_N  
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RE104D1-20201209

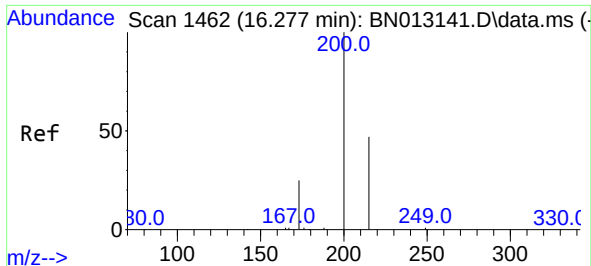
Tgt Ion:198 Resp: 2  
Ion Ratio Lower Upper  
198 100  
51 217.4 43.5 65.3#  
105 128.3 27.2 40.8#



#21  
4-Bromophenyl-phenylether  
Concen: 0.39 ng  
RT: 16.008 min Scan# 1440  
Delta R.T. -0.013 min  
Lab File: BN013172.D  
Acq: 16 Dec 2020 19:08

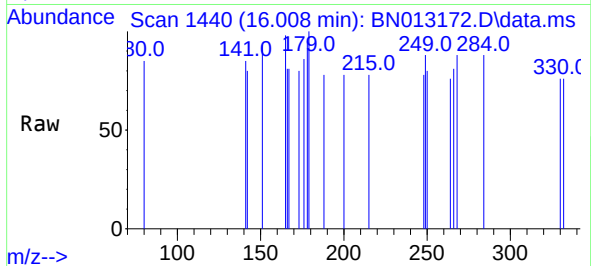
Tgt Ion:248 Resp: 202  
Ion Ratio Lower Upper  
248 100  
250 102.2 77.3 115.9  
141 108.7 57.8 86.8#



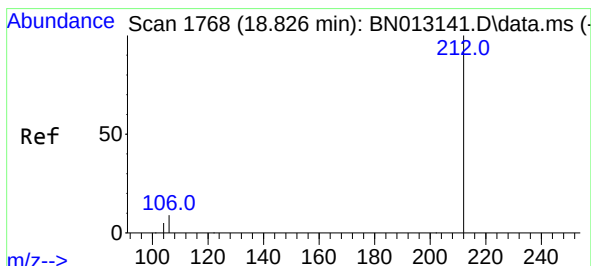
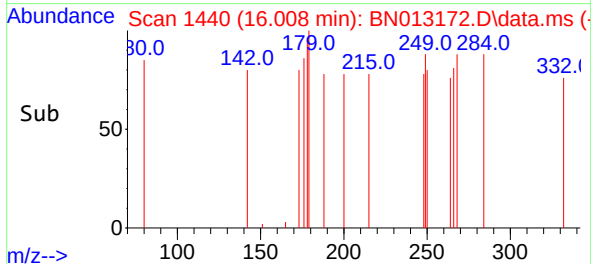
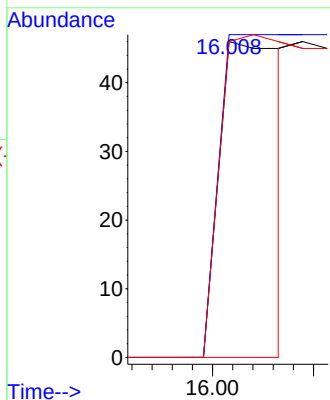


#23  
Atrazine  
Concen: 0.06 ng  
RT: 16.008 min Scan# 1440  
Delta R.T. -0.268 min  
Lab File: BN013172.D  
Acq: 16 Dec 2020 19:08

Instrument :  
BNA\_N  
ClientSampleId :  
RE104D1-20201209

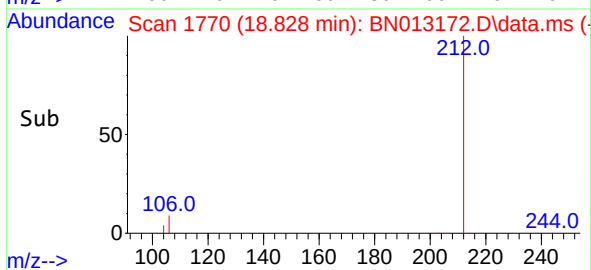
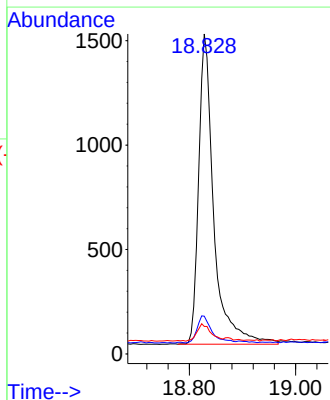
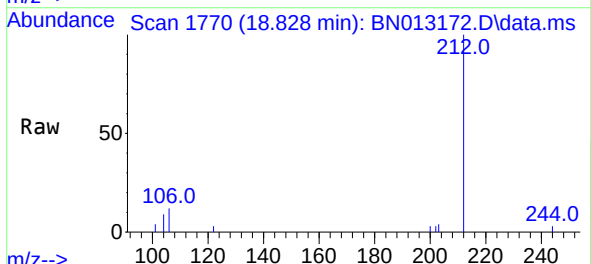


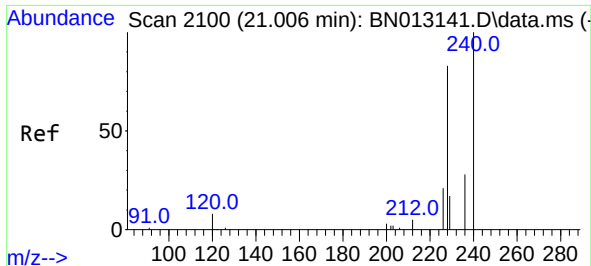
Tgt Ion:200 Resp: 101  
Ion Ratio Lower Upper  
200 100  
173 102.2 22.8 34.2#  
215 100.0 38.1 57.1#



#27  
Fluoranthene-d10  
Concen: 0.34 ng  
RT: 18.828 min Scan# 1770  
Delta R.T. 0.002 min  
Lab File: BN013172.D  
Acq: 16 Dec 2020 19:08

Tgt Ion:212 Resp: 2930  
Ion Ratio Lower Upper  
212 100  
106 8.4 6.8 10.2  
104 5.2 4.1 6.1

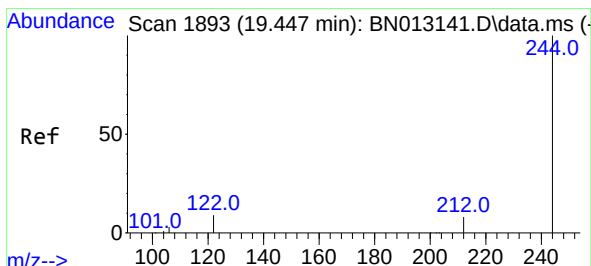
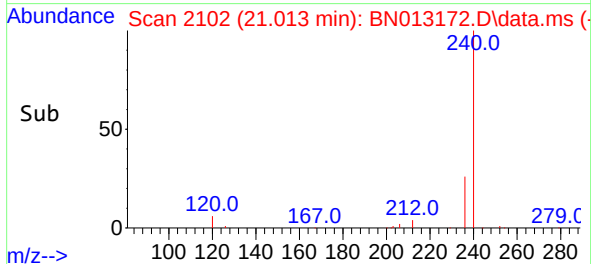
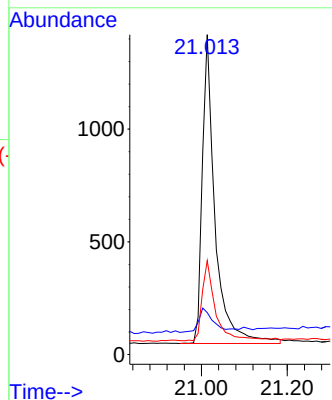
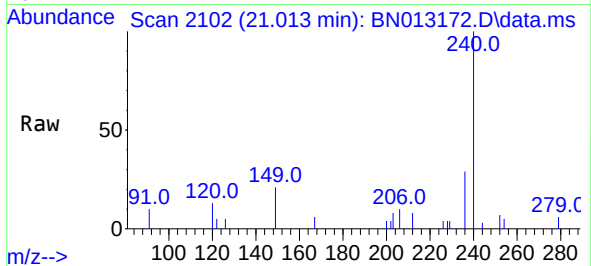




#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.013 min Scan# 2102  
Delta R.T. 0.007 min  
Lab File: BN013172.D  
Acq: 16 Dec 2020 19:08

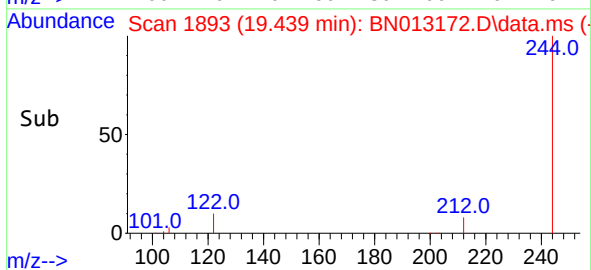
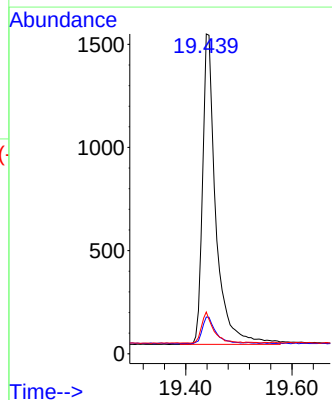
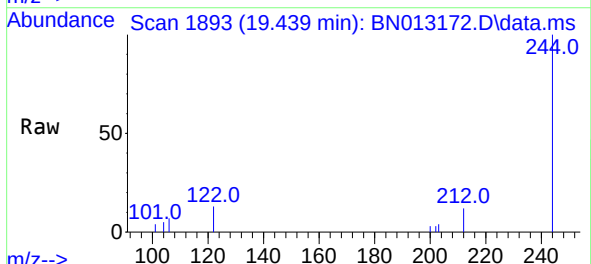
Instrument :  
BNA\_N  
ClientSampleId :  
RE104D1-20201209

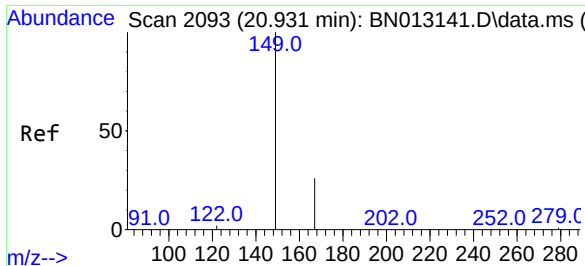
Tgt Ion:240 Resp: 2828  
Ion Ratio Lower Upper  
240 100  
120 13.1 5.3 7.9#  
236 29.4 21.8 32.8



#31  
Terphenyl-d14  
Concen: 0.36 ng  
RT: 19.439 min Scan# 1893  
Delta R.T. -0.008 min  
Lab File: BN013172.D  
Acq: 16 Dec 2020 19:08

Tgt Ion:244 Resp: 2620  
Ion Ratio Lower Upper  
244 100  
212 11.5 7.3 10.9#  
122 13.1 7.3 10.9#

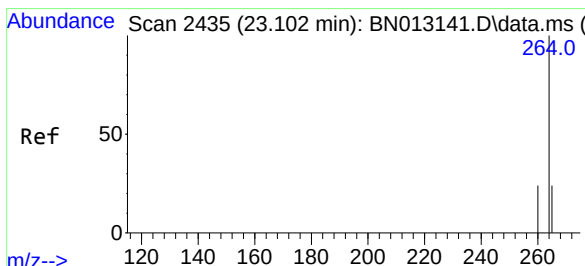
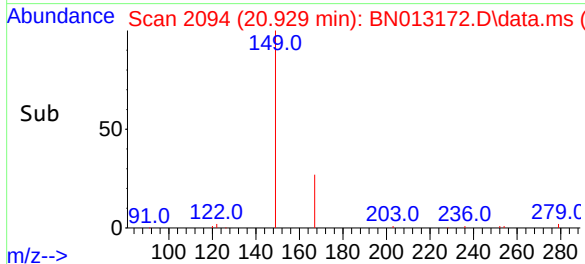
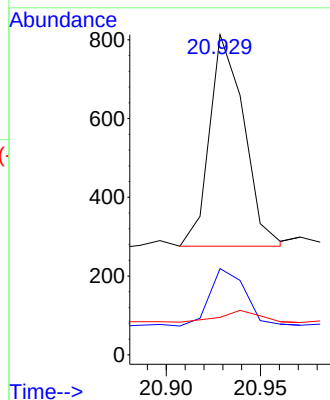
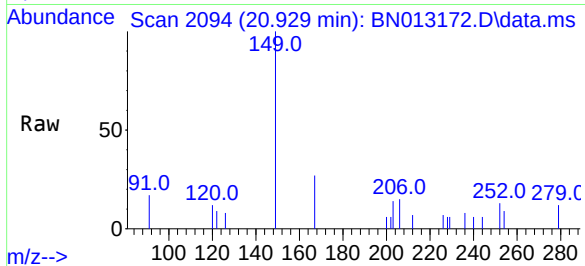




#34  
Bis(2-ethylhexyl)phthalate  
Concen: Below Cal  
RT: 20.929 min Scan# 2094  
Delta R.T. -0.002 min  
Lab File: BN013172.D  
Acq: 16 Dec 2020 19:08

Instrument :  
BNA\_N  
ClientSampleId :  
RE104D1-20201209

Tgt Ion:149 Resp: 679  
Ion Ratio Lower Upper  
149 100  
167 28.4 23.2 34.8  
279 6.6 3.9 5.9#



#36  
Perylene-d12  
Concen: 0.40 ng  
RT: 23.103 min Scan# 2437  
Delta R.T. 0.001 min  
Lab File: BN013172.D  
Acq: 16 Dec 2020 19:08

Tgt Ion:264 Resp: 3217  
Ion Ratio Lower Upper  
264 100  
260 26.3 19.8 29.6  
265 96.4 51.4 77.0#

