

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082523\  
 Data File : BN027189.D  
 Acq On : 27 Aug 2023 13:59  
 Operator : MA/JU  
 Sample : 04077-07  
 Misc :  
 ALS Vial : 79 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE120D2-20230817

Quant Time: Aug 28 00:44:03 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Aug 26 02:13:59 2023  
 Response via : Initial Calibration

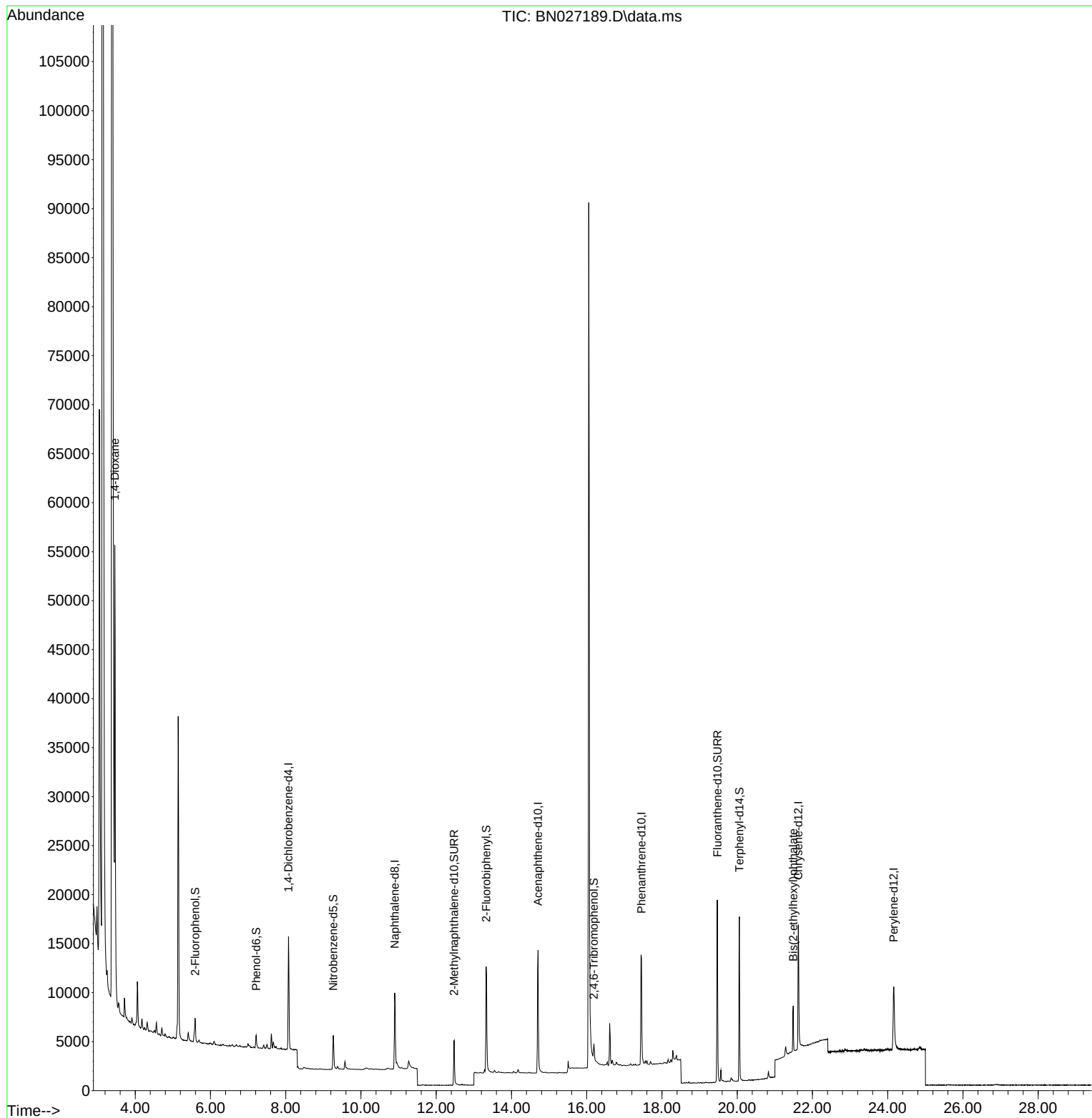
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.073  | 152  | 5434     | 0.400 | ng    | -0.01    |
| 7) Naphthalene-d8             | 10.895 | 136  | 12564    | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.705 | 164  | 8133     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.455 | 188  | 18953    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.623 | 240  | 14133    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 24.159 | 264  | 12150    | 0.400 | ng    | #-0.01   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.596  | 112  | 2002     | 0.131 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.214  | 99   | 1323     | 0.070 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.262  | 82   | 3220     | 0.303 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.475 | 152  | 7081     | 0.355 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.189 | 330  | 1004     | 0.232 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 13.325 | 172  | 11250    | 0.373 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.472 | 212  | 21474    | 0.442 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.057 | 244  | 16670    | 0.564 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.458  | 88   | 29088    | 4.978 | ng    | 97       |
| 34) Bis(2-ethylhexyl)phtha... | 21.488 | 149  | 5054     | 0.138 | ng    | # 96     |
| -----                         |        |      |          |       |       |          |

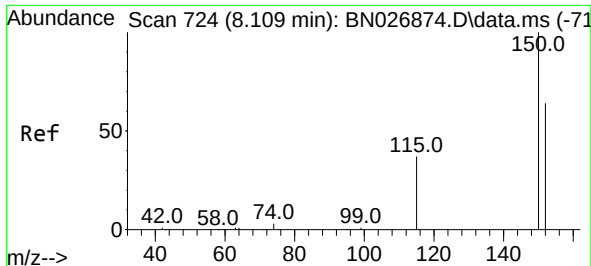
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082523\  
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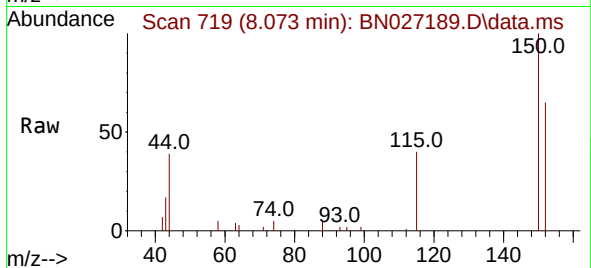
Quant Time: Aug 28 00:44:03 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Aug 26 02:13:59 2023  
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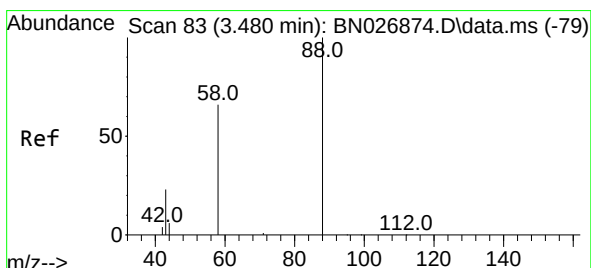
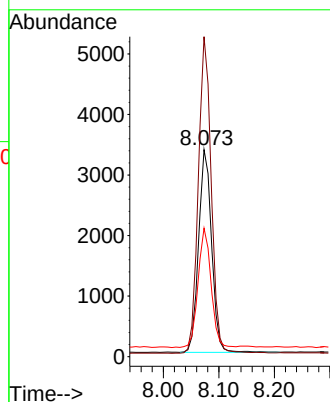
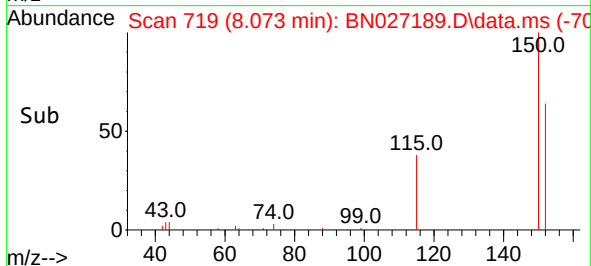


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.073 min Scan# 71  
 Delta R.T. -0.015 min  
 Lab File: BN027189.D  
 Acq: 27 Aug 2023 13:59

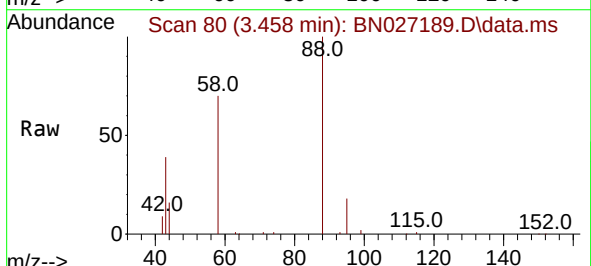
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 RE120D2-20230817



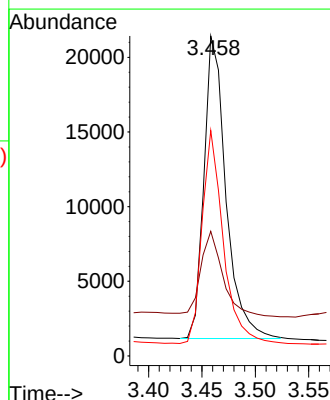
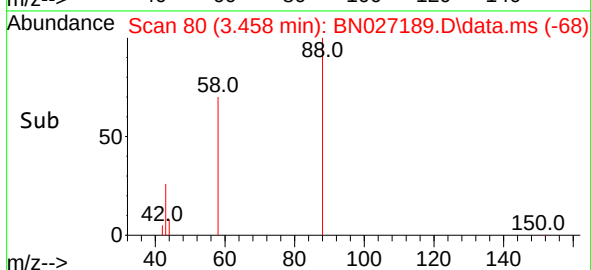
Tgt Ion:152 Resp: 5434  
 Ion Ratio Lower Upper  
 152 100  
 150 154.6 123.8 185.6  
 115 62.1 49.7 74.5

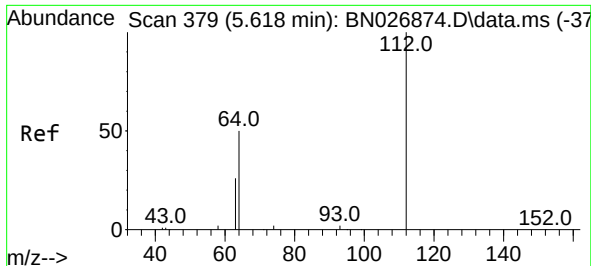


#2  
 1,4-Dioxane  
 Concen: 4.978 ng  
 RT: 3.458 min Scan# 80  
 Delta R.T. -0.014 min  
 Lab File: BN027189.D  
 Acq: 27 Aug 2023 13:59



Tgt Ion: 88 Resp: 29088  
 Ion Ratio Lower Upper  
 88 100  
 43 28.7 19.2 28.8  
 58 67.4 54.5 81.7

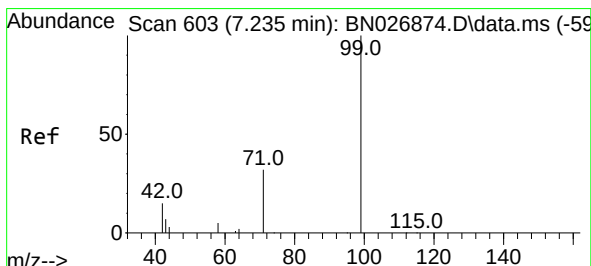
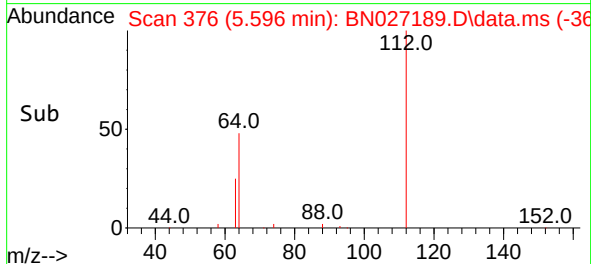
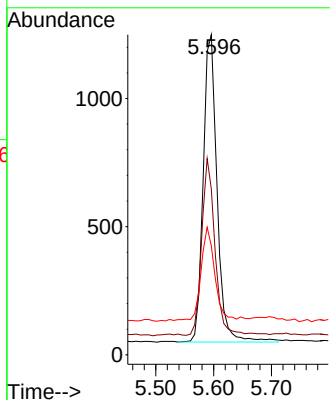
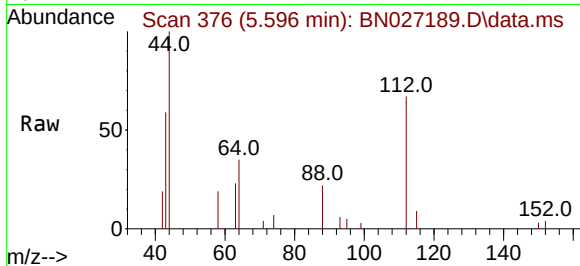




#4  
2-Fluorophenol  
Concen: 0.131 ng  
RT: 5.596 min Scan# 31  
Delta R.T. -0.007 min  
Lab File: BN027189.D  
Acq: 27 Aug 2023 13:59

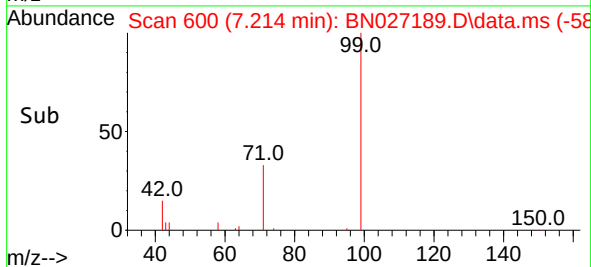
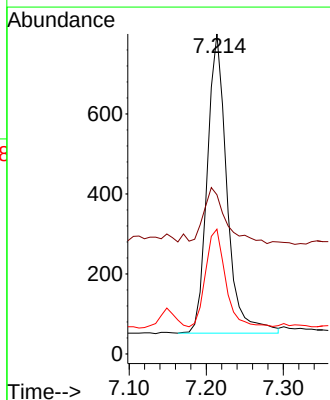
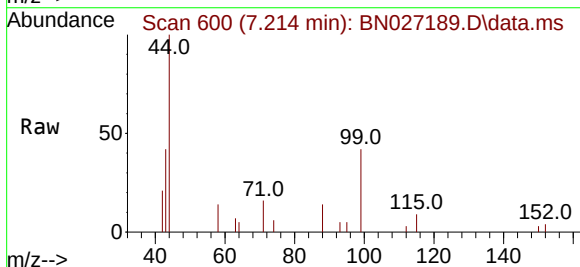
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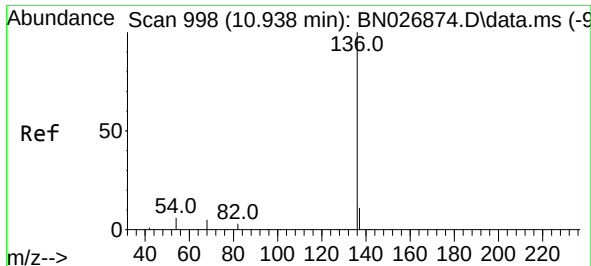
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 2002  |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 64       | 55.3  | 41.5  | 62.3  |
| 63       | 30.2  | 21.7  | 32.5  |



#5  
Phenol-d6  
Concen: 0.070 ng  
RT: 7.214 min Scan# 600  
Delta R.T. -0.007 min  
Lab File: BN027189.D  
Acq: 27 Aug 2023 13:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 1323  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 21.7  | 13.6  | 20.4  |
| 71       | 33.0  | 26.0  | 39.0  |

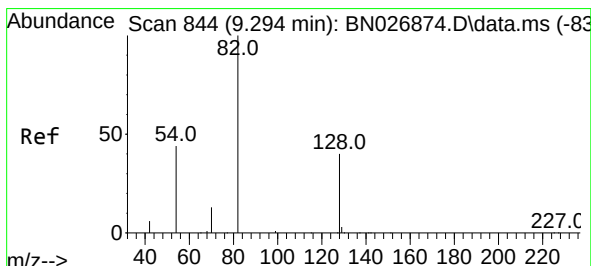
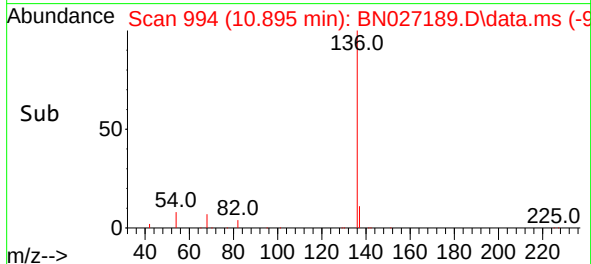
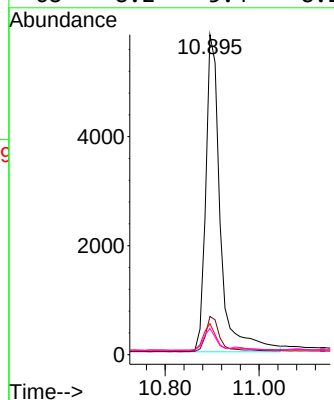
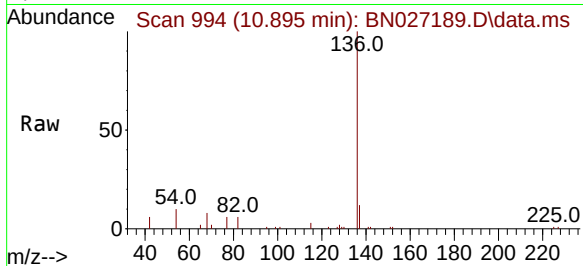




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.895 min Scan# 998  
Delta R.T. -0.011 min  
Lab File: BN027189.D  
Acq: 27 Aug 2023 13:59

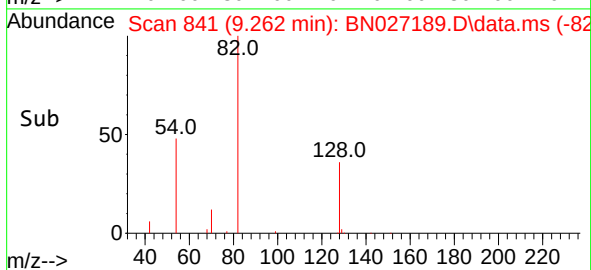
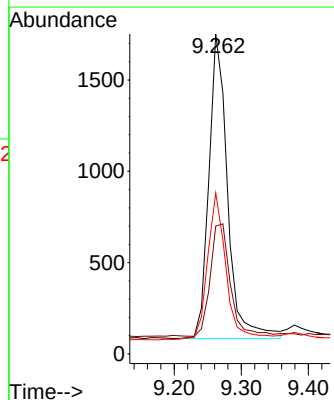
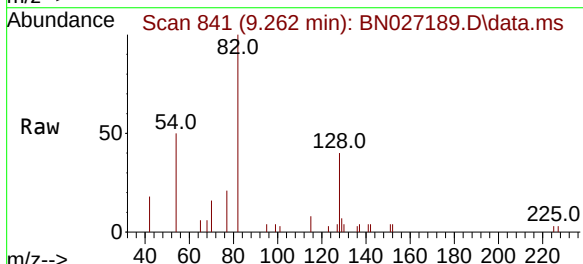
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RE120D2-20230817

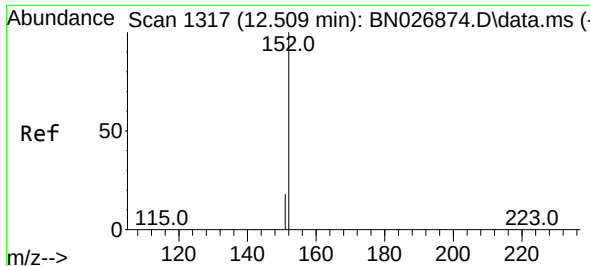
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 12564 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.9  | 9.0   | 13.6  |
| 54        | 9.7   | 5.5   | 8.3#  |
| 68        | 8.2   | 5.4   | 8.2#  |



#8  
Nitrobenzene-d5  
Concen: 0.303 ng  
RT: 9.262 min Scan# 841  
Delta R.T. -0.011 min  
Lab File: BN027189.D  
Acq: 27 Aug 2023 13:59

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 3220 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 40.0  | 34.1  | 51.1 |
| 54        | 50.3  | 37.0  | 55.4 |

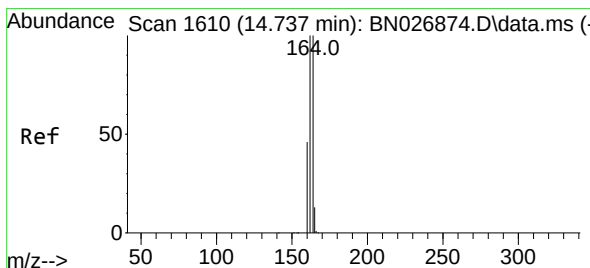
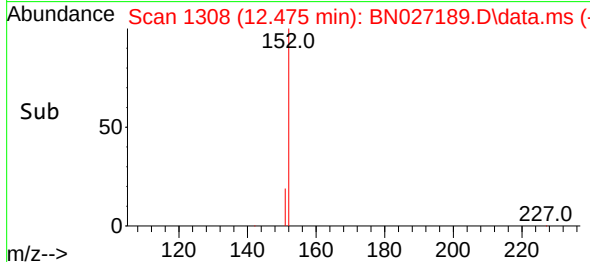
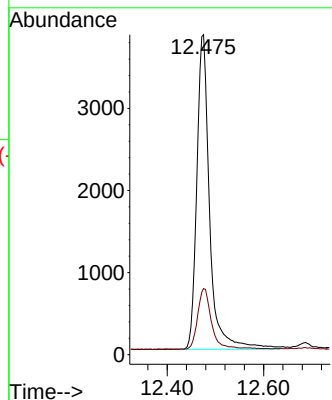
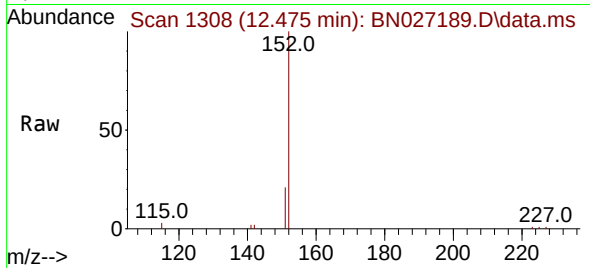




#11  
2-Methylnaphthalene-d10  
Concen: 0.355 ng  
RT: 12.475 min Scan# 11  
Delta R.T. -0.008 min  
Lab File: BN027189.D  
Acq: 27 Aug 2023 13:59

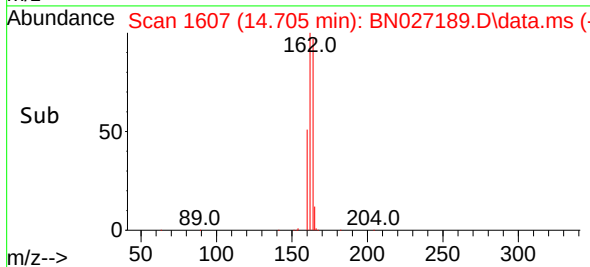
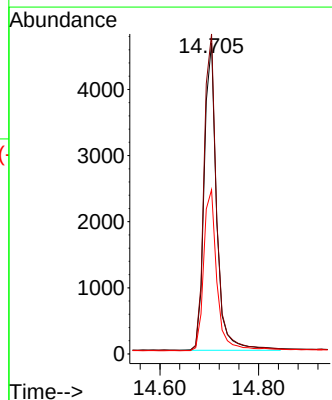
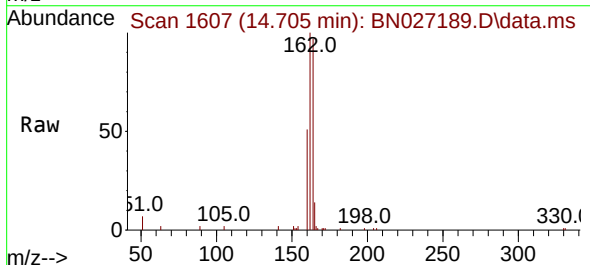
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BNA\_N  
ClientSampleId :  
RE120D2-20230817

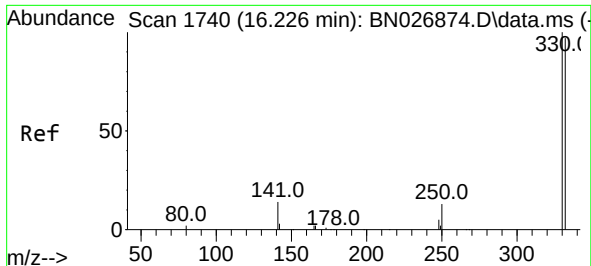
Tgt Ion:152 Resp: 7081  
Ion Ratio Lower Upper  
152 100  
151 20.5 16.3 24.5



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.705 min Scan# 1607  
Delta R.T. 0.000 min  
Lab File: BN027189.D  
Acq: 27 Aug 2023 13:59

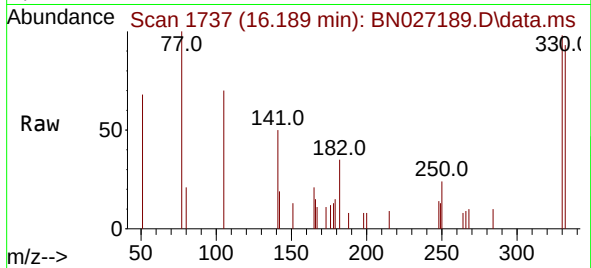
Tgt Ion:164 Resp: 8133  
Ion Ratio Lower Upper  
164 100  
162 102.9 79.7 119.5  
160 52.8 37.4 56.0



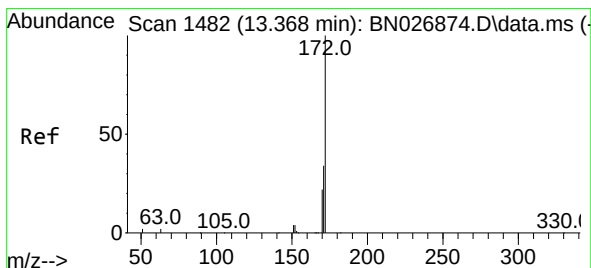
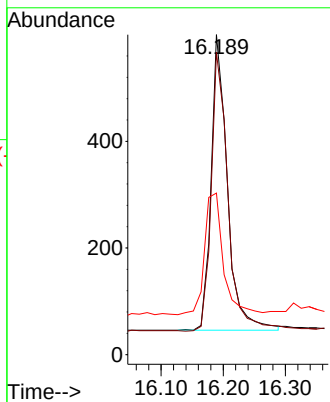
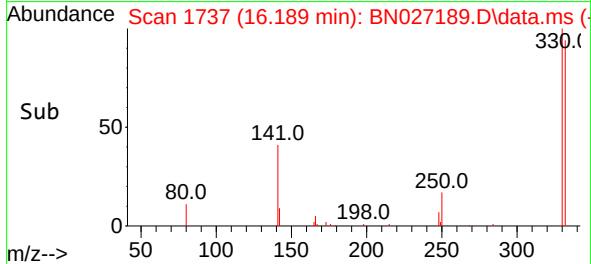


#14  
2,4,6-Tribromophenol  
Concen: 0.232 ng  
RT: 16.189 min Scan# 1  
Delta R.T. -0.012 min  
Lab File: BN027189.D  
Acq: 27 Aug 2023 13:59

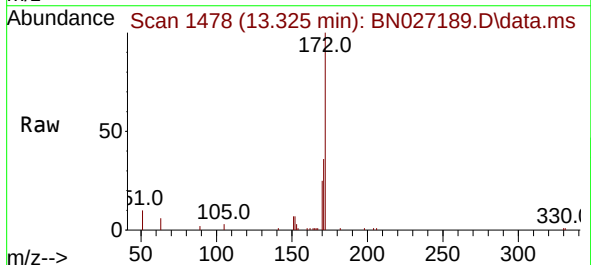
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BNA\_N  
ClientSampleId :  
RE120D2-20230817



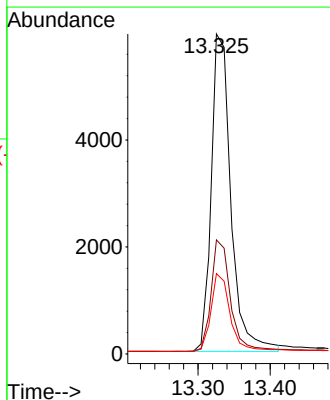
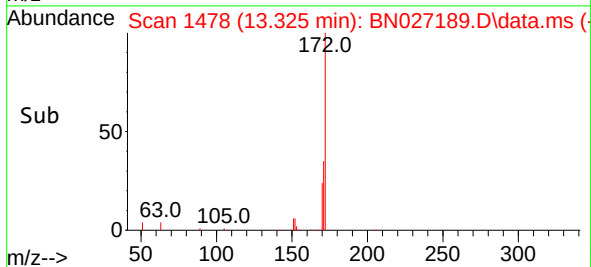
Tgt Ion:330 Resp: 1004  
Ion Ratio Lower Upper  
330 100  
332 98.2 76.6 114.8  
141 47.7 32.3 48.5

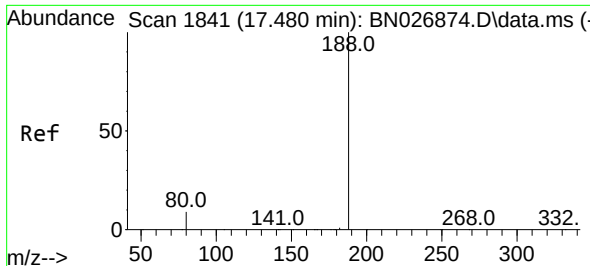


#15  
2-Fluorobiphenyl  
Concen: 0.373 ng  
RT: 13.325 min Scan# 1478  
Delta R.T. -0.011 min  
Lab File: BN027189.D  
Acq: 27 Aug 2023 13:59



Tgt Ion:172 Resp: 11250  
Ion Ratio Lower Upper  
172 100  
171 35.7 27.4 41.0  
170 25.1 18.0 27.0

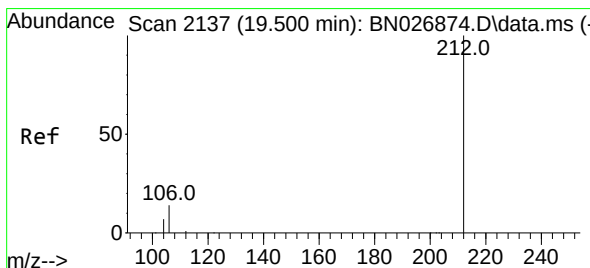
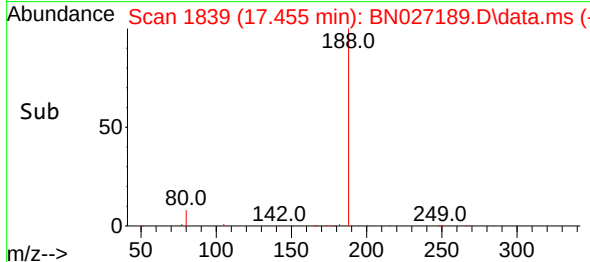
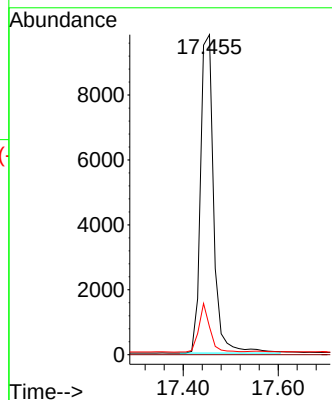
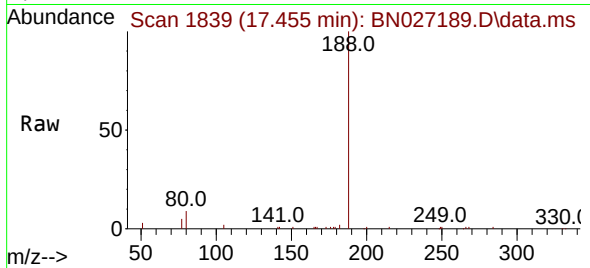




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.455 min Scan# 1839  
Delta R.T. 0.000 min  
Lab File: BN027189.D  
Acq: 27 Aug 2023 13:59

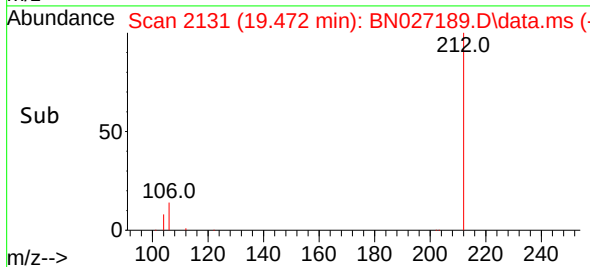
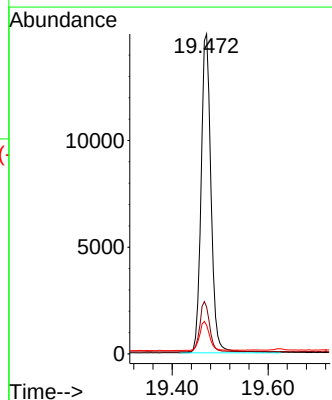
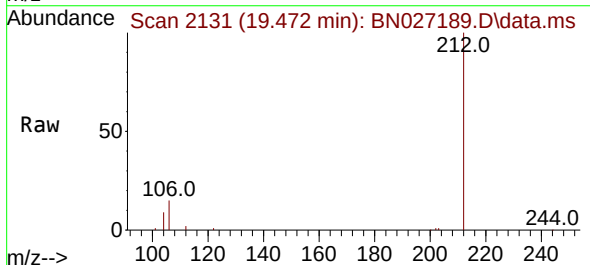
Instrument :  
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RE120D2-20230817

Tgt Ion:188 Resp: 18953  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 8.7 7.4 11.2

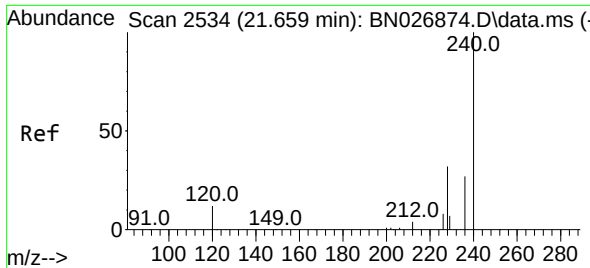


#27  
Fluoranthene-d10  
Concen: 0.442 ng  
RT: 19.472 min Scan# 2131  
Delta R.T. -0.005 min  
Lab File: BN027189.D  
Acq: 27 Aug 2023 13:59

Tgt Ion:212 Resp: 21474  
Ion Ratio Lower Upper  
212 100  
106 15.8 10.9 16.3  
104 9.5 5.9 8.9#



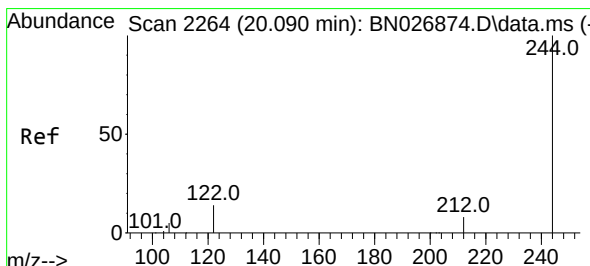
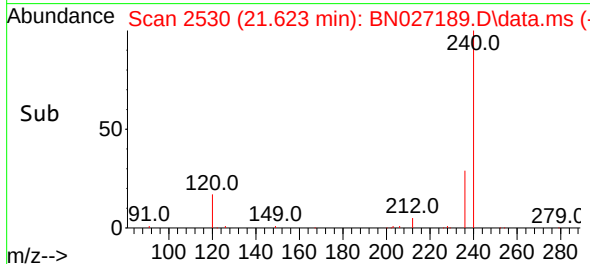
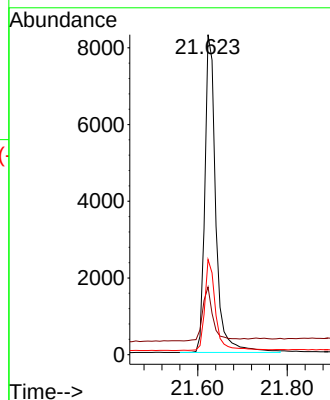
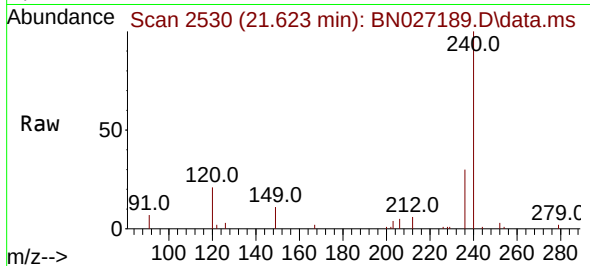




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.623 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BN027189.D  
Acq: 27 Aug 2023 13:59

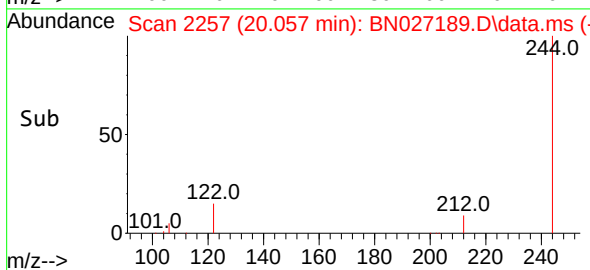
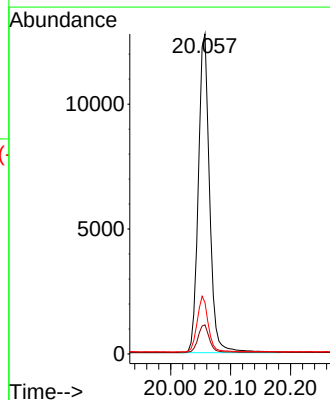
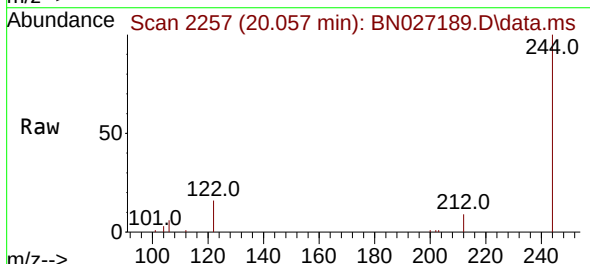
Instrument :  
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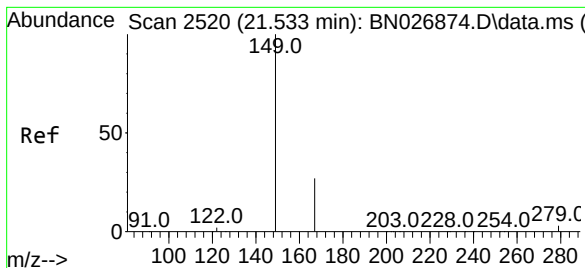
Tgt Ion:240 Resp: 14133  
Ion Ratio Lower Upper  
240 100  
120 21.2 11.1 16.7#  
236 29.7 22.2 33.2



#31  
Terphenyl-d14  
Concen: 0.564 ng  
RT: 20.057 min Scan# 2257  
Delta R.T. -0.005 min  
Lab File: BN027189.D  
Acq: 27 Aug 2023 13:59

Tgt Ion:244 Resp: 16670  
Ion Ratio Lower Upper  
244 100  
212 9.1 6.9 10.3  
122 16.1 11.9 17.9

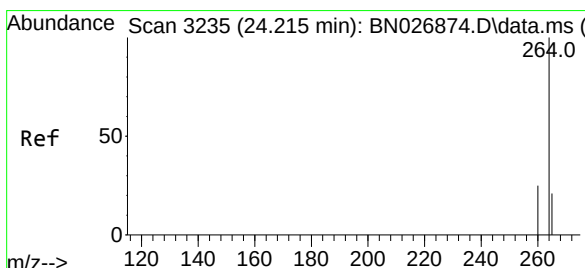
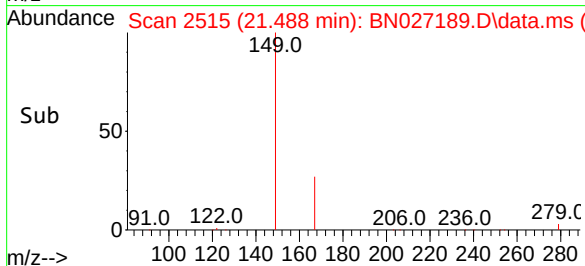
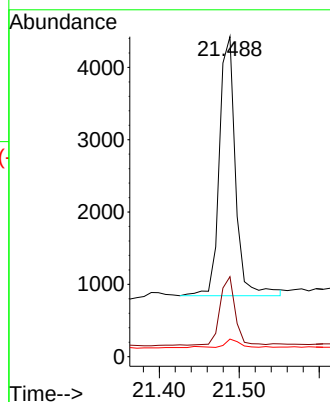
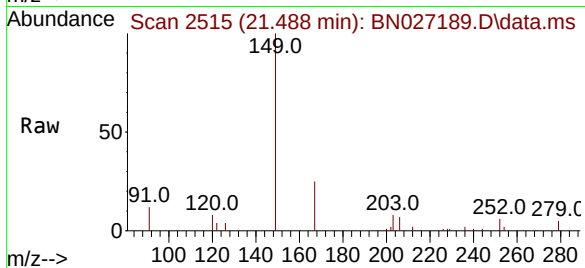




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.138 ng  
 RT: 21.488 min Scan# 2151  
 Delta R.T. -0.009 min  
 Lab File: BN027189.D  
 Acq: 27 Aug 2023 13:59

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE120D2-20230817

Tgt Ion:149 Resp: 5054  
 Ion Ratio Lower Upper  
 149 100  
 167 24.6 21.4 32.0  
 279 2.7 3.6 5.4#



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 24.159 min Scan# 3216  
 Delta R.T. -0.012 min  
 Lab File: BN027189.D  
 Acq: 27 Aug 2023 13:59

Tgt Ion:264 Resp: 12150  
 Ion Ratio Lower Upper  
 264 100  
 260 25.5 20.4 30.6  
 265 78.9 27.0 40.6#

