

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN030624\  
 Data File : BN030289.D  
 Acq On : 06 Mar 2024 11:45  
 Operator : MA/JU  
 Sample : P1615-07  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE105D1-20240226

Quant Time: Mar 06 12:43:02 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN030524.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 05 17:44:16 2024  
 Response via : Initial Calibration

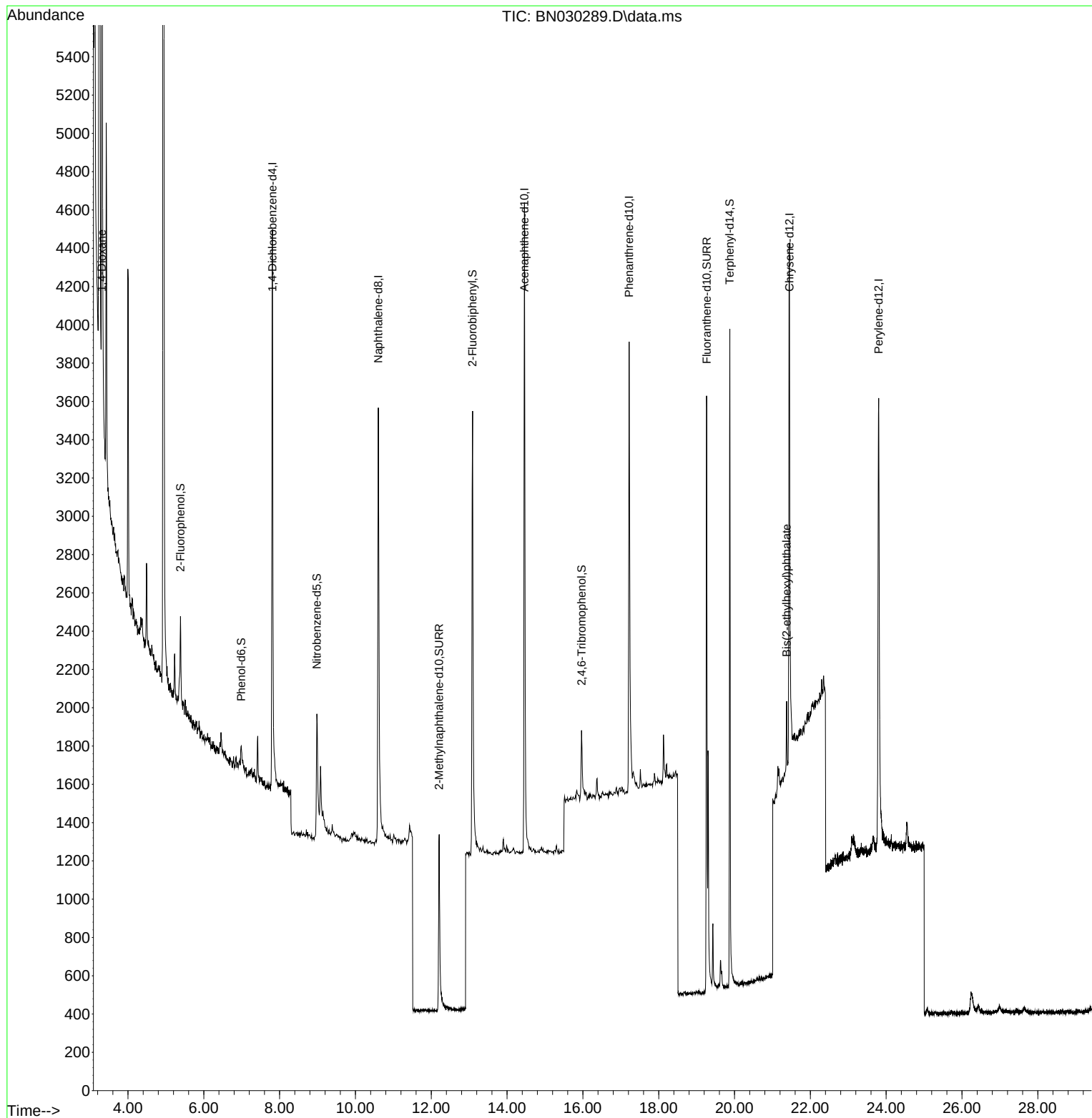
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min)  |
|-------------------------------|--------|------|----------|-------|-------|-----------|
| Internal Standards            |        |      |          |       |       |           |
| 1) 1,4-Dichlorobenzene-d4     | 7.811  | 152  | 1671     | 0.400 | ng    | 0.00      |
| 7) Naphthalene-d8             | 10.605 | 136  | 4258     | 0.400 | ng    | 0.00      |
| 13) Acenaphthene-d10          | 14.458 | 164  | 2266     | 0.400 | ng    | 0.00      |
| 19) Phenanthrene-d10          | 17.218 | 188  | 4299     | 0.400 | ng    | 0.00      |
| 29) Chrysene-d12              | 21.447 | 240  | 3847     | 0.400 | ng    | # 0.00    |
| 35) Perylene-d12              | 23.803 | 264  | 4234     | 0.400 | ng    | 0.00      |
| System Monitoring Compounds   |        |      |          |       |       |           |
| 4) 2-Fluorophenol             | 5.384  | 112  | 392      | 0.089 | ng    | 0.00      |
| 5) Phenol-d6                  | 6.988  | 99   | 196      | 0.042 | ng    | 0.00      |
| 8) Nitrobenzene-d5            | 8.982  | 82   | 979      | 0.252 | ng    | 0.01      |
| 11) 2-Methylnaphthalene-d10   | 12.208 | 152  | 1802     | 0.292 | ng    | 0.00      |
| 14) 2,4,6-Tribromophenol      | 15.965 | 330  | 271      | 0.233 | ng    | 0.00      |
| 15) 2-Fluorobiphenyl          | 13.089 | 172  | 2706     | 0.288 | ng    | 0.00      |
| 27) Fluoranthene-d10          | 19.266 | 212  | 4421     | 0.375 | ng    | 0.00      |
| 31) Terphenyl-d14             | 19.875 | 244  | 3768     | 0.378 | ng    | 0.00      |
| Target Compounds              |        |      |          |       |       |           |
| 2) 1,4-Dioxane                | 3.312  | 88   | 5802     | 2.677 | ng    | Qvalue 94 |
| 34) Bis(2-ethylhexyl)phtha... | 21.376 | 149  | 458      | 0.043 | ng    | 96        |

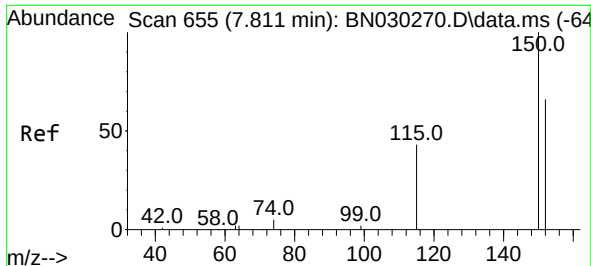
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN030624\  
Data File : BN030289.D  
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RE105D1-20240226

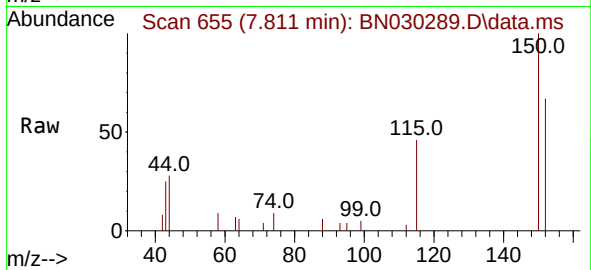
Quant Time: Mar 06 12:43:02 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN030524.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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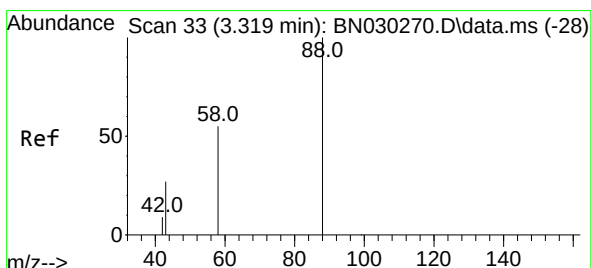
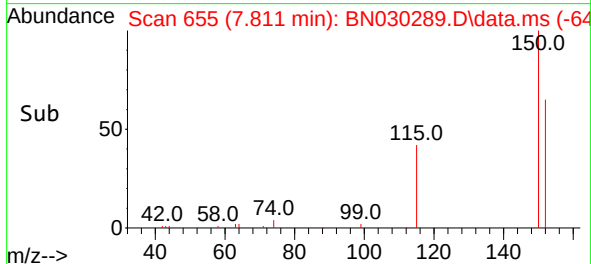
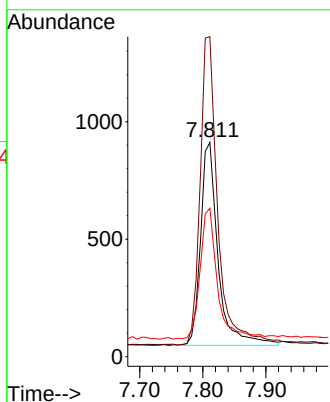


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.811 min Scan# 61  
 Delta R.T. 0.000 min  
 Lab File: BN030289.D  
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Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE105D1-20240226

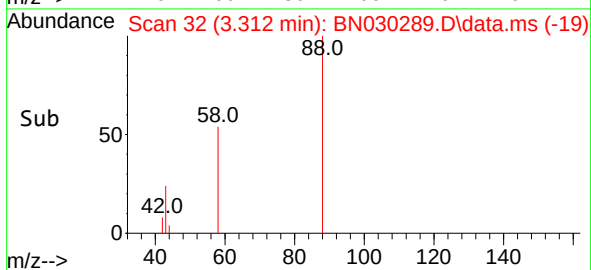
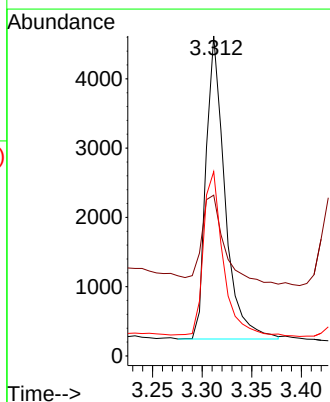
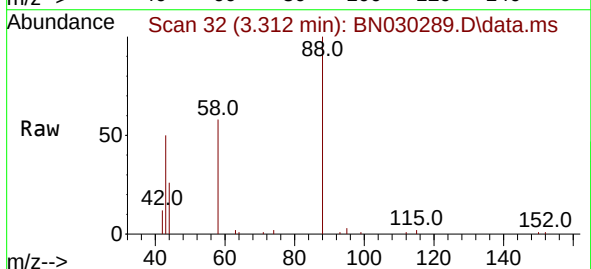


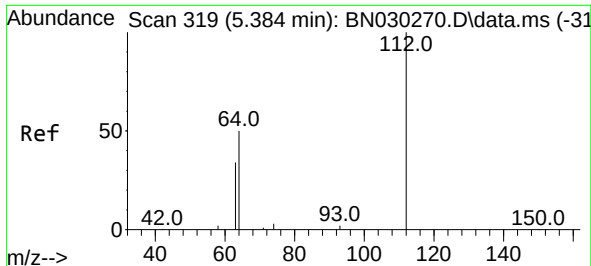
Tgt Ion: 152 Resp: 1671  
 Ion Ratio Lower Upper  
 152 100  
 150 149.3 119.4 179.0  
 115 69.3 56.9 85.3



#2  
 1,4-Dioxane  
 Concen: 2.677 ng  
 RT: 3.312 min Scan# 32  
 Delta R.T. -0.007 min  
 Lab File: BN030289.D  
 Acq: 06 Mar 2024 11:45

Tgt Ion: 88 Resp: 5802  
 Ion Ratio Lower Upper  
 88 100  
 43 35.1 23.8 35.8  
 58 55.2 46.2 69.4

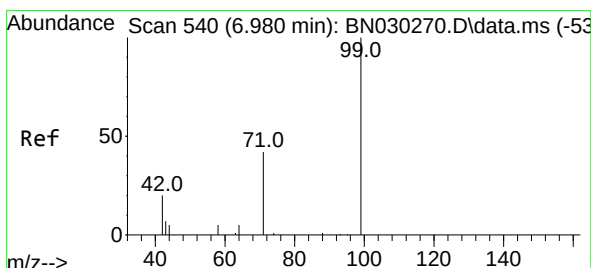
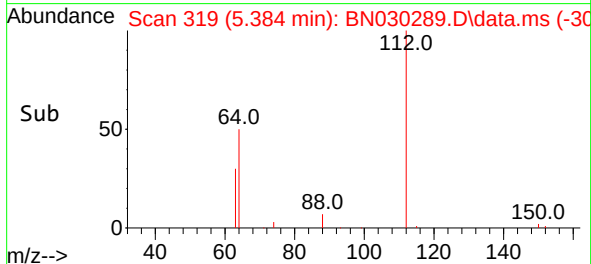
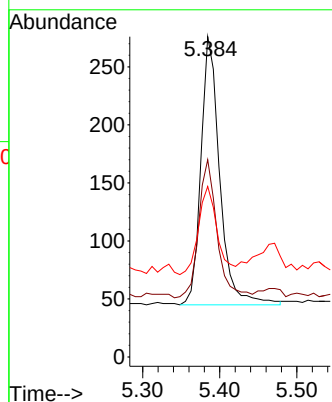
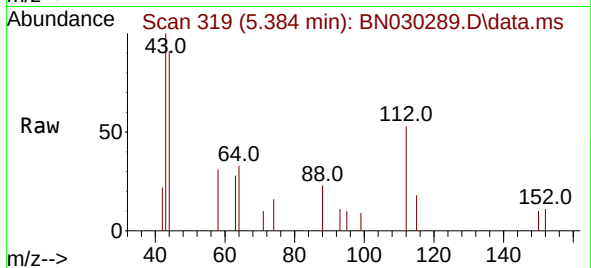




#4  
2-Fluorophenol  
Concen: 0.089 ng  
RT: 5.384 min Scan# 319  
Delta R.T. 0.000 min  
Lab File: BN030289.D  
Acq: 06 Mar 2024 11:45

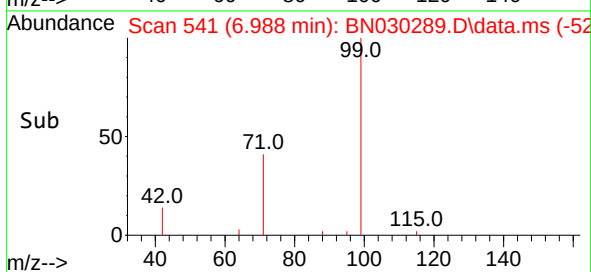
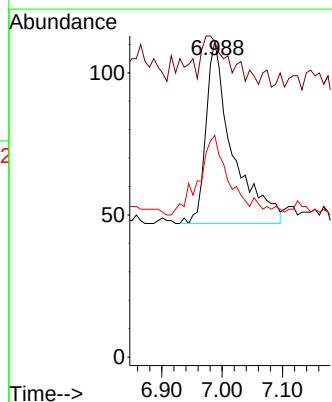
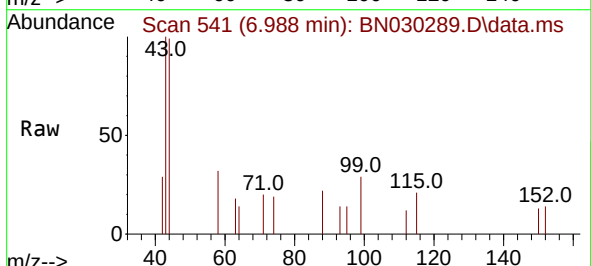
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ClientSampleId :  
RE105D1-20240226

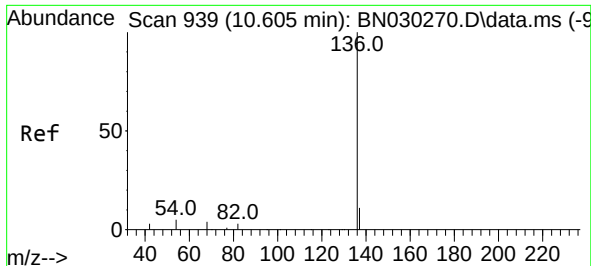
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 392   |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 64       | 50.3  | 41.8  | 62.8  |
| 63       | 32.7  | 27.1  | 40.7  |



#5  
Phenol-d6  
Concen: 0.042 ng  
RT: 6.988 min Scan# 541  
Delta R.T. 0.007 min  
Lab File: BN030289.D  
Acq: 06 Mar 2024 11:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 196   |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 28.1  | 19.0  | 28.6  |
| 71       | 46.9  | 36.0  | 54.0  |

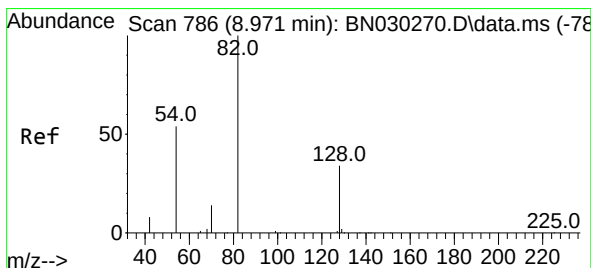
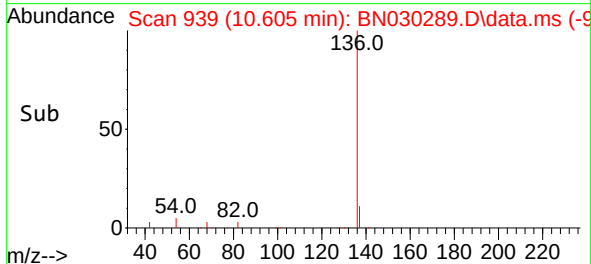
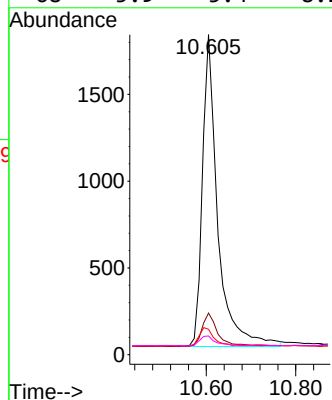
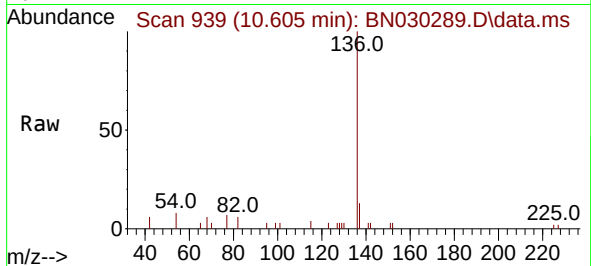




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.605 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BN030289.D  
Acq: 06 Mar 2024 11:45

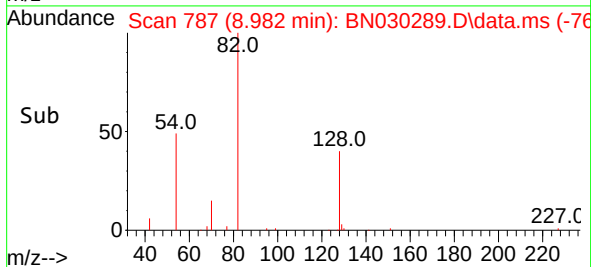
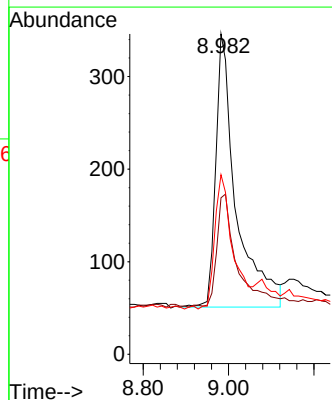
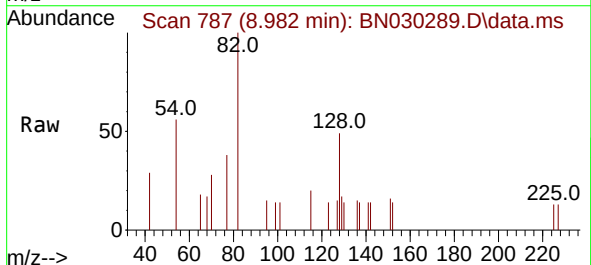
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RE105D1-20240226

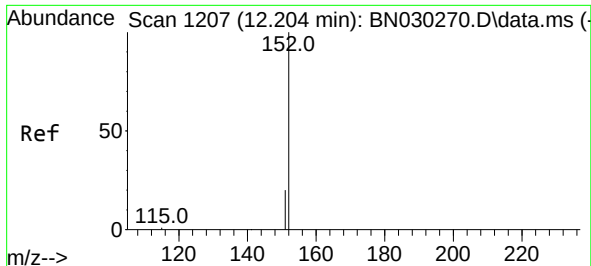
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 4258  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 13.0  | 10.5  | 15.7  |
| 54       | 8.0   | 6.4   | 9.6   |
| 68       | 5.9   | 5.4   | 8.2   |



#8  
Nitrobenzene-d5  
Concen: 0.252 ng  
RT: 8.982 min Scan# 787  
Delta R.T. 0.011 min  
Lab File: BN030289.D  
Acq: 06 Mar 2024 11:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 979   |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 48.8  | 32.2  | 48.2# |
| 54       | 56.1  | 47.3  | 70.9  |

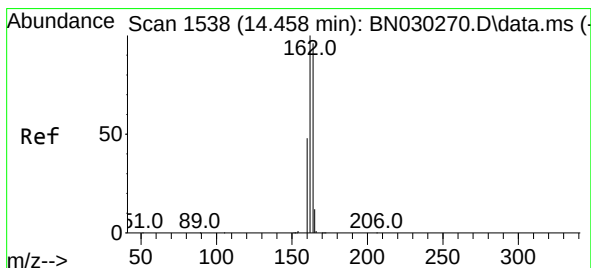
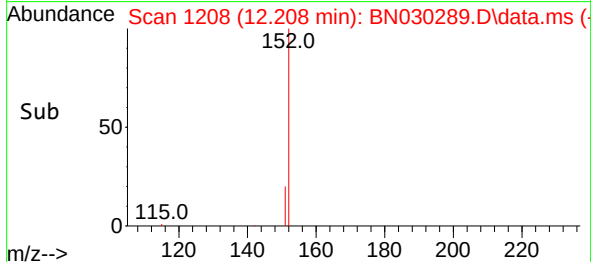
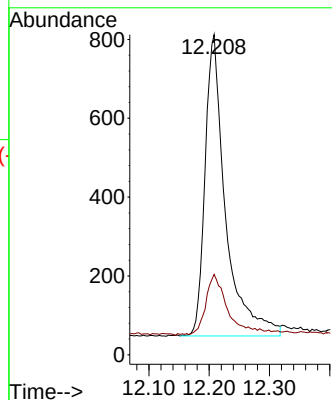
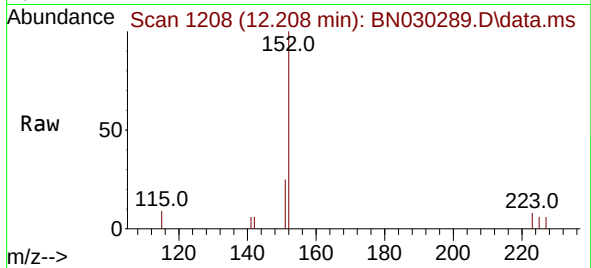




#11  
2-Methylnaphthalene-d10  
Concen: 0.292 ng  
RT: 12.208 min Scan# 11  
Delta R.T. 0.004 min  
Lab File: BN030289.D  
Acq: 06 Mar 2024 11:45

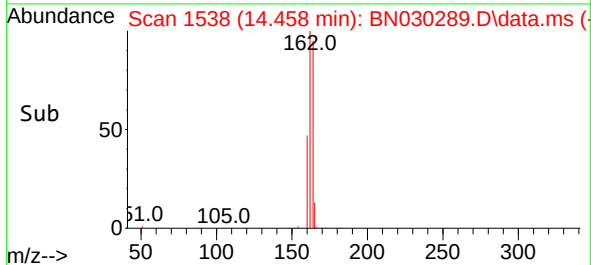
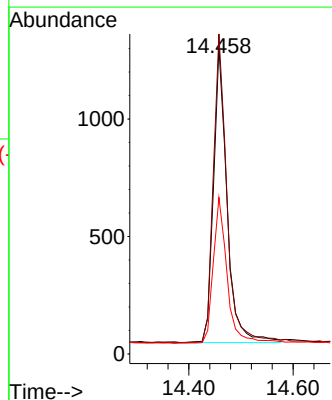
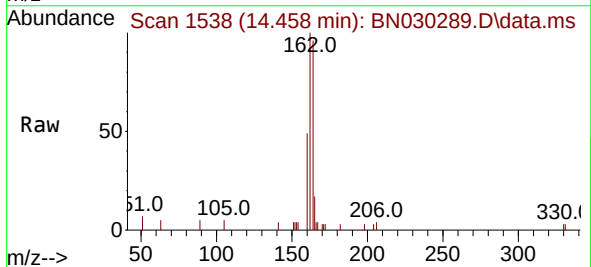
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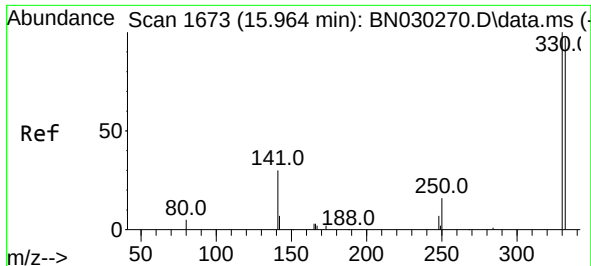
Tgt Ion:152 Resp: 1802  
Ion Ratio Lower Upper  
152 100  
151 21.2 16.7 25.1



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.458 min Scan# 1538  
Delta R.T. 0.000 min  
Lab File: BN030289.D  
Acq: 06 Mar 2024 11:45

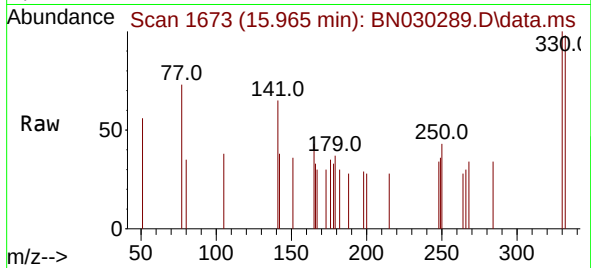
Tgt Ion:164 Resp: 2266  
Ion Ratio Lower Upper  
164 100  
162 104.4 83.4 125.2  
160 51.1 41.7 62.5



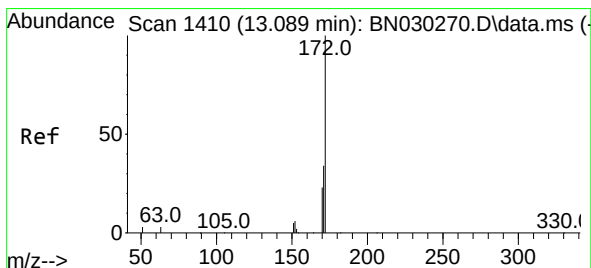
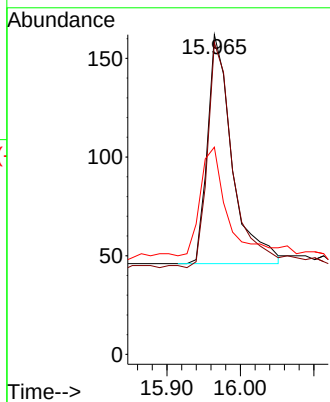
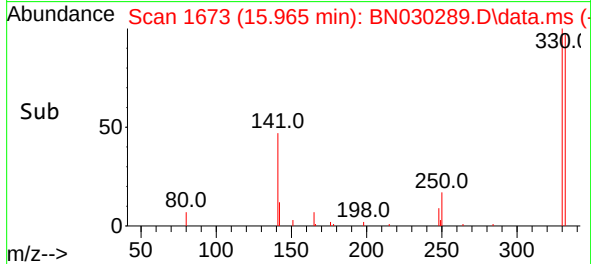


#14  
2,4,6-Tribromophenol  
Concen: 0.233 ng  
RT: 15.965 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: BN030289.D  
Acq: 06 Mar 2024 11:45

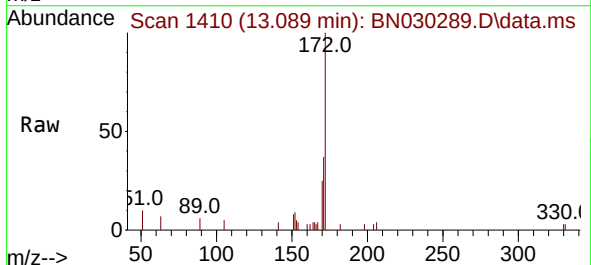
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BNA\_N  
ClientSampleId :  
RE105D1-20240226



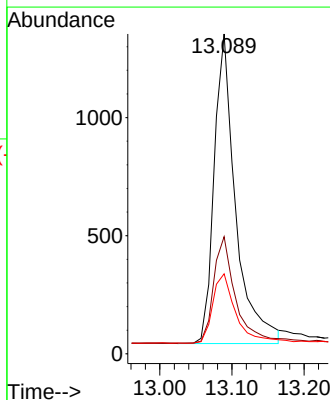
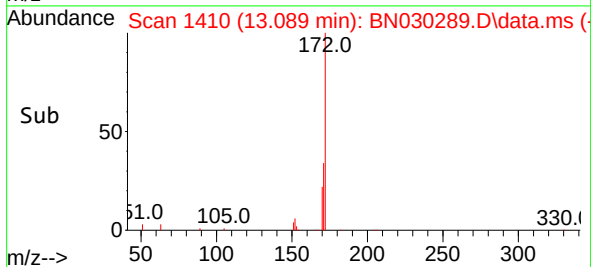
Tgt Ion: 330 Resp: 271  
Ion Ratio Lower Upper  
330 100  
332 101.8 72.6 108.8  
141 51.3 41.3 61.9

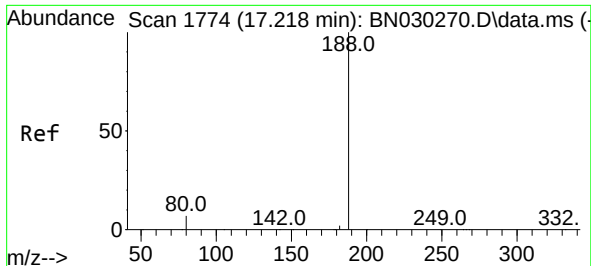


#15  
2-Fluorobiphenyl  
Concen: 0.288 ng  
RT: 13.089 min Scan# 1410  
Delta R.T. 0.000 min  
Lab File: BN030289.D  
Acq: 06 Mar 2024 11:45



Tgt Ion: 172 Resp: 2706  
Ion Ratio Lower Upper  
172 100  
171 36.6 29.0 43.4  
170 25.0 20.2 30.2

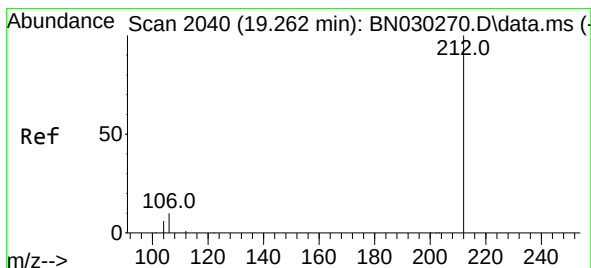
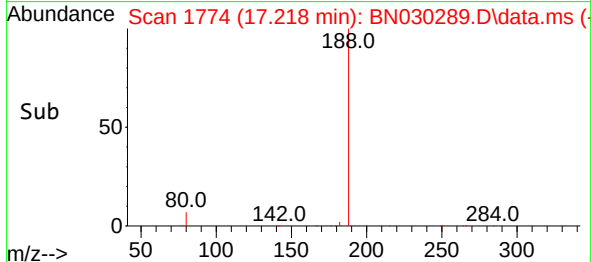
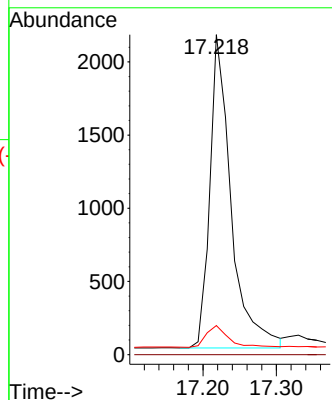
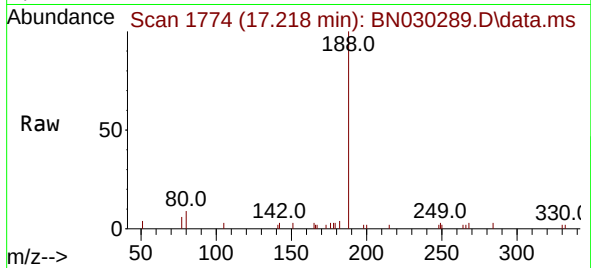




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.218 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN030289.D  
Acq: 06 Mar 2024 11:45

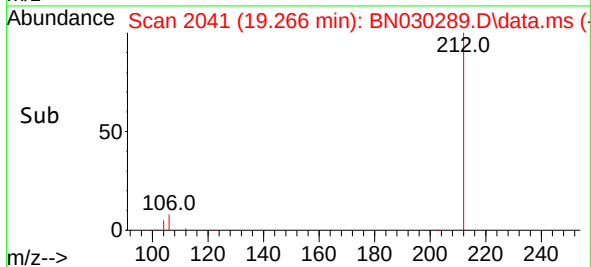
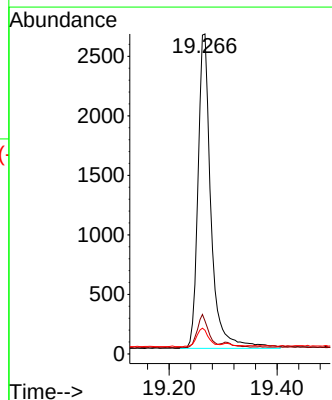
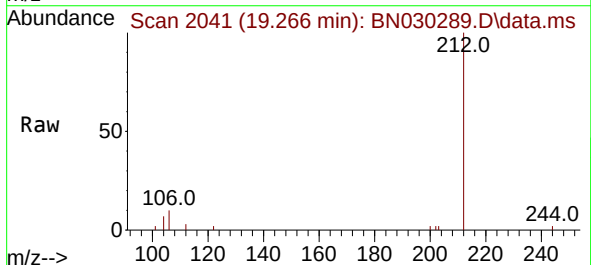
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Tgt Ion:188 Resp: 4299  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 9.1 7.8 11.6

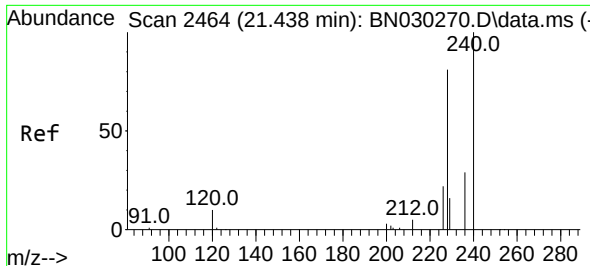


#27  
Fluoranthene-d10  
Concen: 0.375 ng  
RT: 19.266 min Scan# 2041  
Delta R.T. 0.005 min  
Lab File: BN030289.D  
Acq: 06 Mar 2024 11:45

Tgt Ion:212 Resp: 4421  
Ion Ratio Lower Upper  
212 100  
106 9.1 8.2 12.4  
104 5.5 4.7 7.1



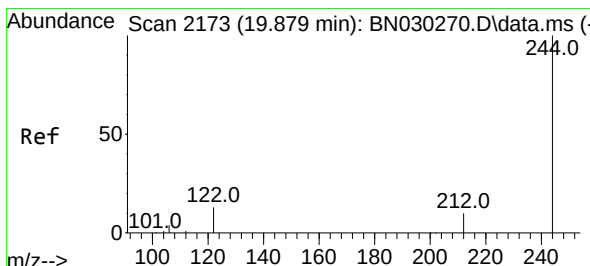
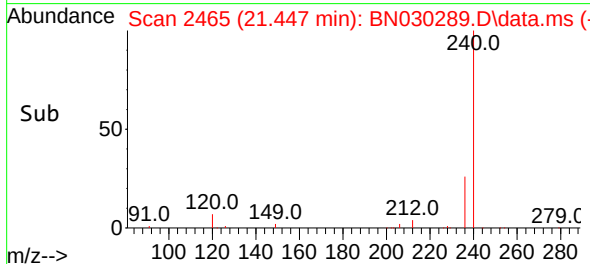
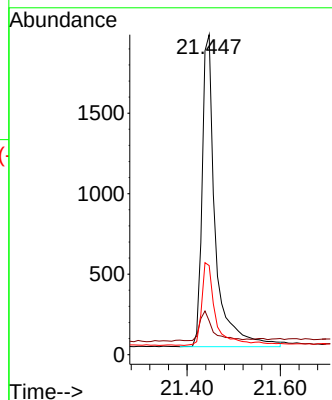
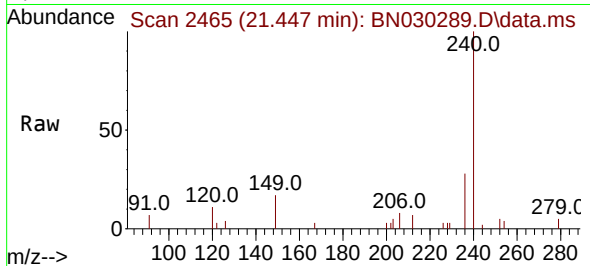




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.447 min Scan# 2465  
Delta R.T. 0.009 min  
Lab File: BN030289.D  
Acq: 06 Mar 2024 11:45

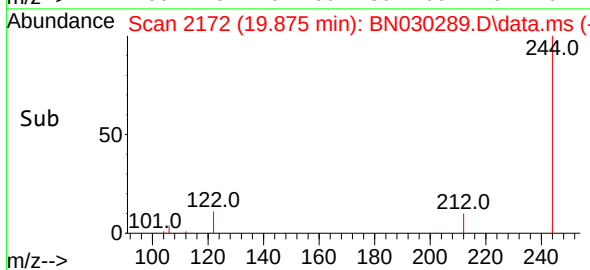
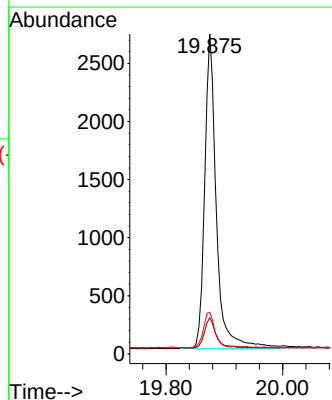
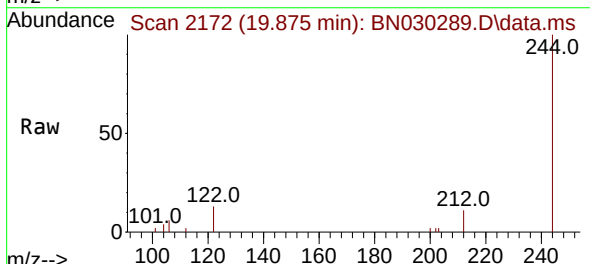
Instrument :  
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RE105D1-20240226

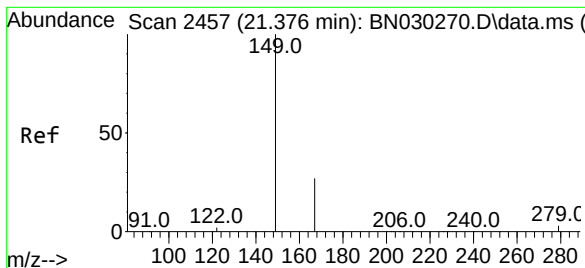
Tgt Ion:240 Resp: 3847  
Ion Ratio Lower Upper  
240 100  
120 10.5 12.2 18.2#  
236 27.8 25.2 37.8



#31  
Terphenyl-d14  
Concen: 0.378 ng  
RT: 19.875 min Scan# 2172  
Delta R.T. -0.005 min  
Lab File: BN030289.D  
Acq: 06 Mar 2024 11:45

Tgt Ion:244 Resp: 3768  
Ion Ratio Lower Upper  
244 100  
212 11.3 9.5 14.3  
122 13.0 11.8 17.6

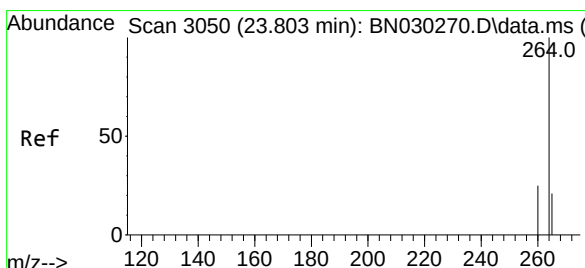
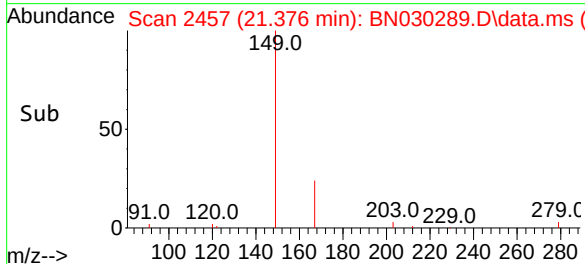
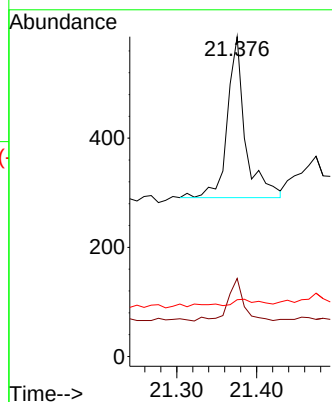
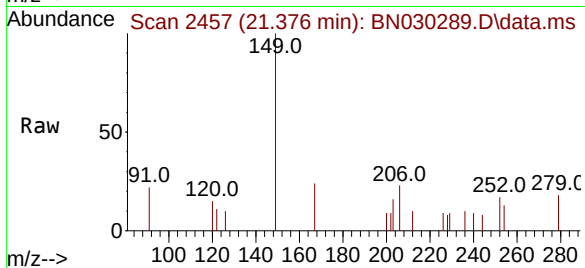




#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.043 ng  
RT: 21.376 min Scan# 2457  
Delta R.T. 0.000 min  
Lab File: BN030289.D  
Acq: 06 Mar 2024 11:45

Instrument :  
BNA\_N  
ClientSampleId :  
RE105D1-20240226

Tgt Ion:149 Resp: 458  
Ion Ratio Lower Upper  
149 100  
167 23.4 20.6 30.8  
279 5.5 4.0 6.0



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.803 min Scan# 3050  
Delta R.T. 0.000 min  
Lab File: BN030289.D  
Acq: 06 Mar 2024 11:45

Tgt Ion:264 Resp: 4234  
Ion Ratio Lower Upper  
264 100  
260 27.8 21.7 32.5  
265 56.5 50.8 76.2

