

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN010924\  
 Data File : BN029228.D  
 Acq On : 09 Jan 2024 15:08  
 Operator : MA/JU  
 Sample : P1042-01  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SP-100-20240104

Quant Time: Jan 09 15:40:17 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN122723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 28 01:20:47 2023  
 Response via : Initial Calibration

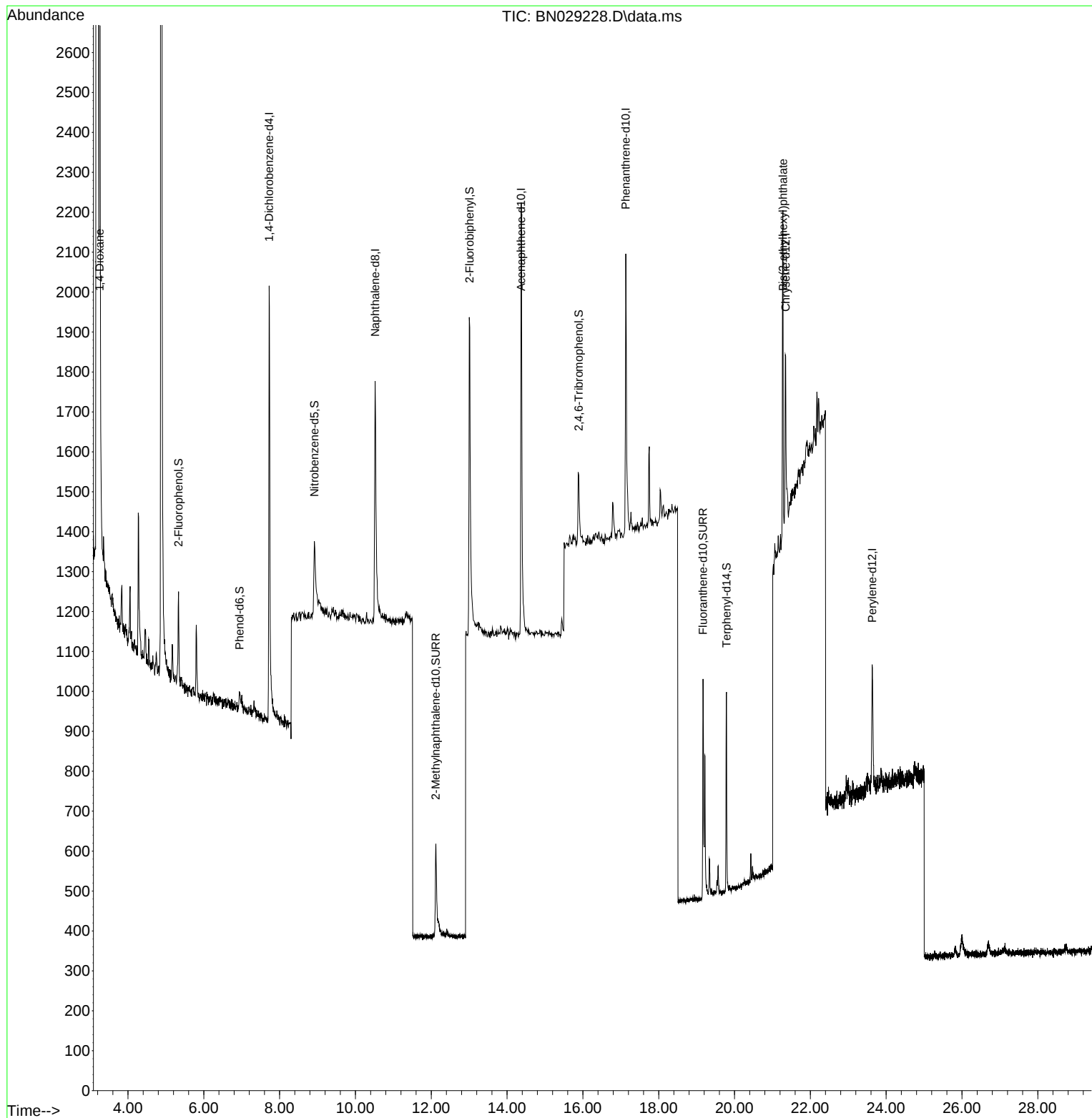
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.724  | 152  | 696      | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.519 | 136  | 1311     | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.372 | 164  | 795      | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.131 | 188  | 1307     | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.349 | 240  | 406      | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.633 | 264  | 472      | 0.400 | ng    | # 0.00   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.334  | 112  | 156      | 0.096 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.944  | 99   | 93       | 0.051 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.918  | 82   | 373      | 0.227 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 12.121 | 152  | 516      | 0.228 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.890 | 330  | 160      | 0.261 | ng    | 0.01     |
| 15) 2-Fluorobiphenyl          | 13.014 | 172  | 1121     | 0.263 | ng    | 0.01     |
| 27) Fluoranthene-d10          | 19.169 | 212  | 676      | 0.254 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.786 | 244  | 435      | 0.346 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.254  | 88   | 1947     | 3.081 | ng    | # 83     |
| 34) Bis(2-ethylhexyl)phtha... | 21.277 | 149  | 1004     | 0.295 | ng    | # 94     |
| -----                         |        |      |          |       |       |          |

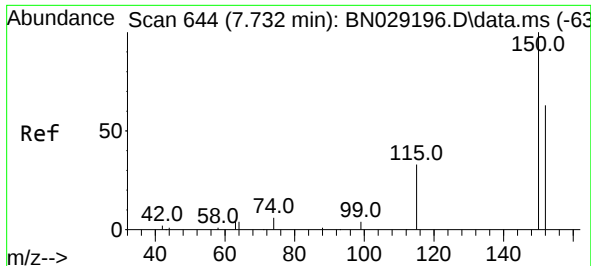
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN010924\  
Data File : BN029228.D  
Acq On : 09 Jan 2024 15:08  
Operator : MA/JU  
Sample : P1042-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SP-100-20240104

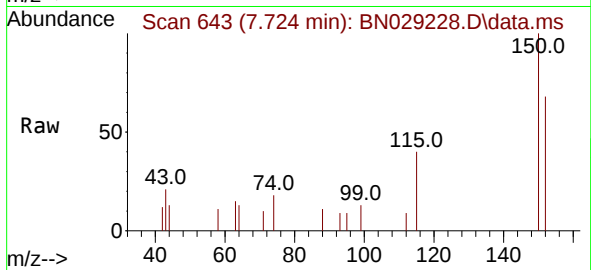
Quant Time: Jan 09 15:40:17 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN122723.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 28 01:20:47 2023  
Response via : Initial Calibration



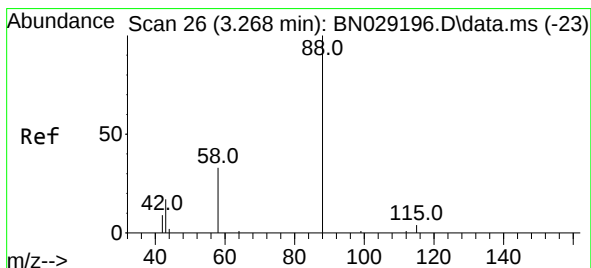
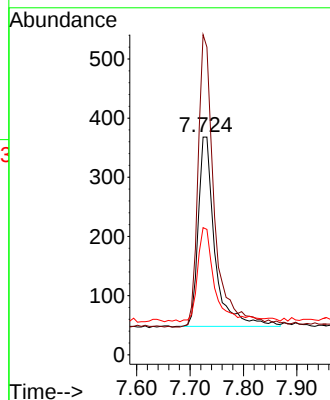
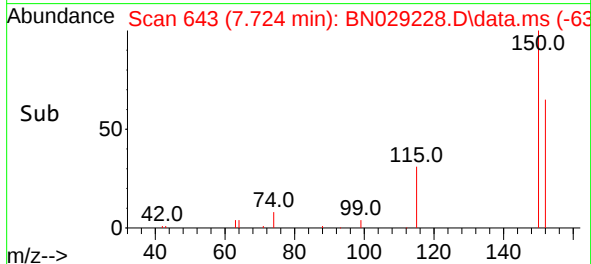


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.724 min Scan# 64  
 Delta R.T. -0.008 min  
 Lab File: BN029228.D  
 Acq: 09 Jan 2024 15:08

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SP-100-20240104

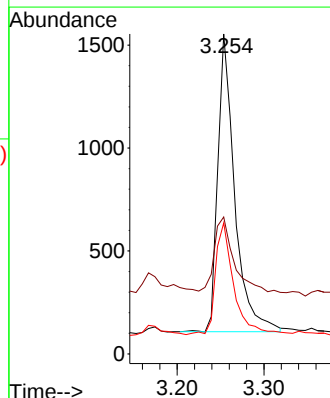
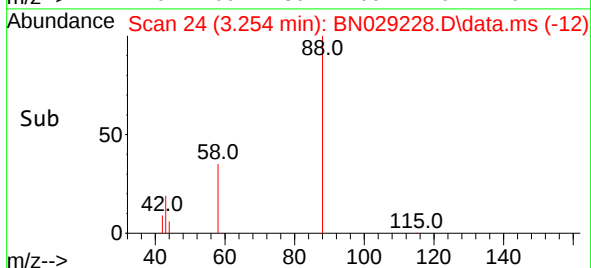
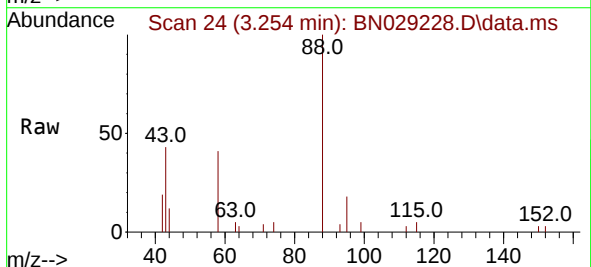


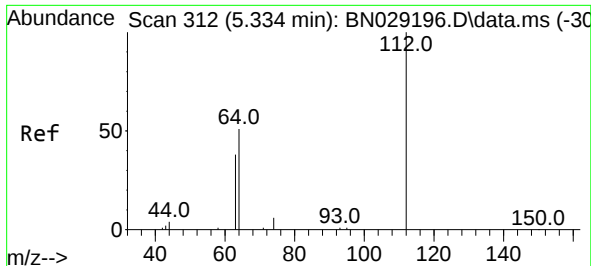
Tgt Ion:152 Resp: 696  
 Ion Ratio Lower Upper  
 152 100  
 150 147.0 122.2 183.2  
 115 58.4 48.2 72.4



#2  
 1,4-Dioxane  
 Concen: 3.081 ng  
 RT: 3.254 min Scan# 24  
 Delta R.T. -0.015 min  
 Lab File: BN029228.D  
 Acq: 09 Jan 2024 15:08

Tgt Ion: 88 Resp: 1947  
 Ion Ratio Lower Upper  
 88 100  
 43 29.2 19.0 28.4#  
 58 40.3 23.1 34.7#

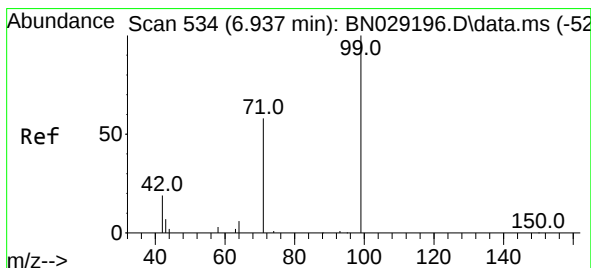
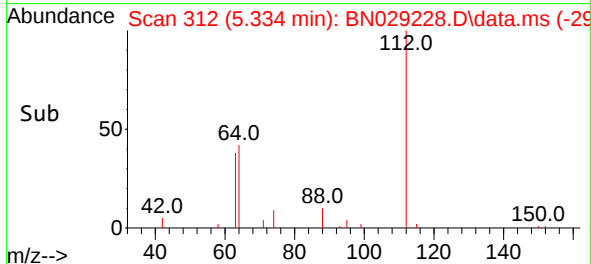
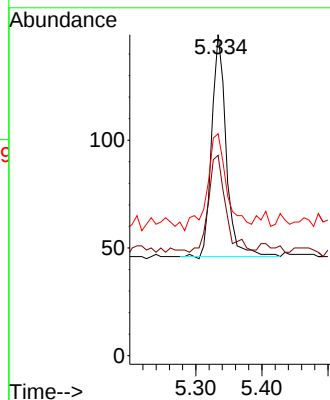
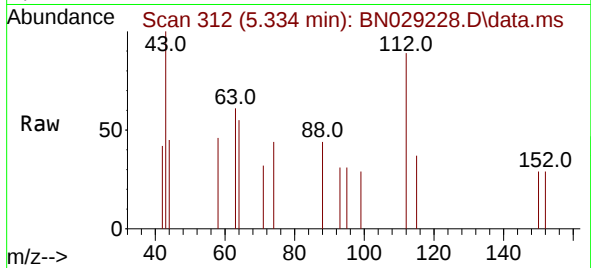




#4  
2-Fluorophenol  
Concen: 0.096 ng  
RT: 5.334 min Scan# 312  
Delta R.T. -0.000 min  
Lab File: BN029228.D  
Acq: 09 Jan 2024 15:08

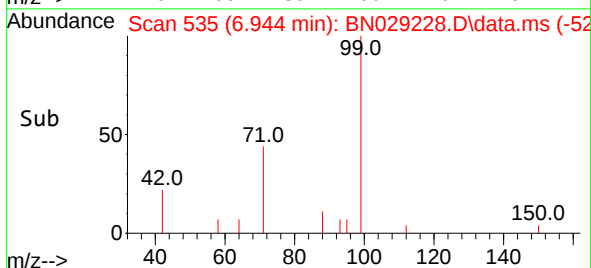
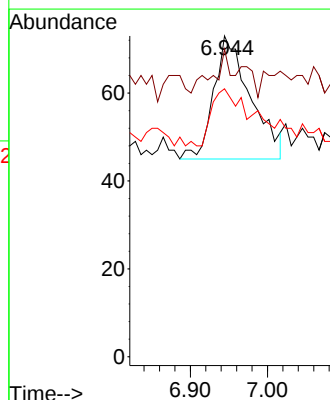
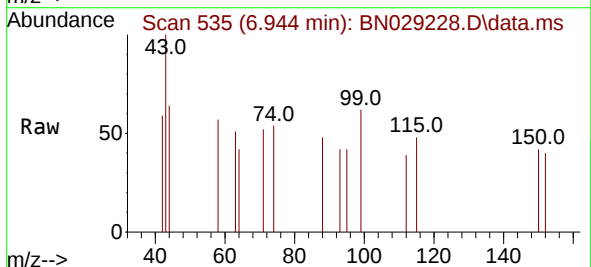
Instrument :  
BNA\_N  
ClientSampleId :  
SP-100-20240104

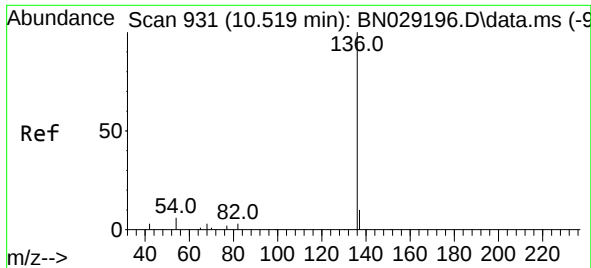
Tgt Ion:112 Resp: 156  
Ion Ratio Lower Upper  
112 100  
64 51.9 38.8 58.2  
63 60.3 30.6 45.8#



#5  
Phenol-d6  
Concen: 0.051 ng  
RT: 6.944 min Scan# 535  
Delta R.T. 0.007 min  
Lab File: BN029228.D  
Acq: 09 Jan 2024 15:08

Tgt Ion: 99 Resp: 93  
Ion Ratio Lower Upper  
99 100  
42 8.6 18.3 27.5#  
71 49.5 48.6 73.0

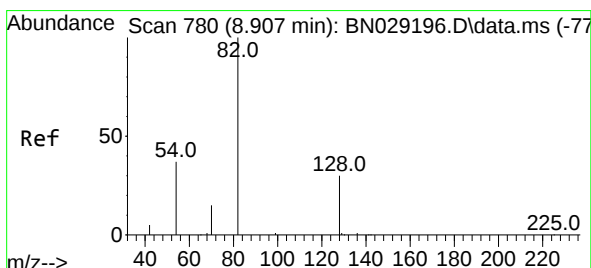
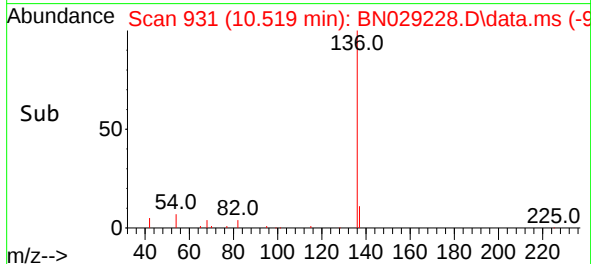
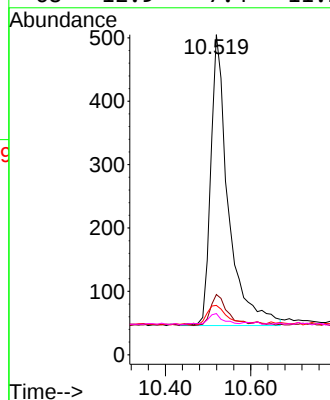
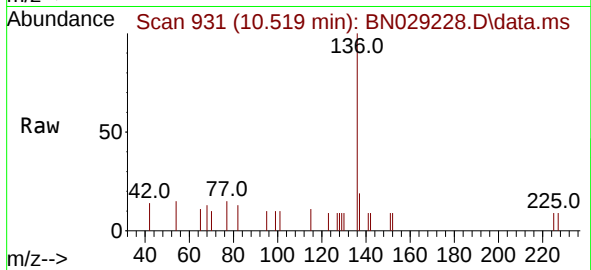




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.519 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BN029228.D  
Acq: 09 Jan 2024 15:08

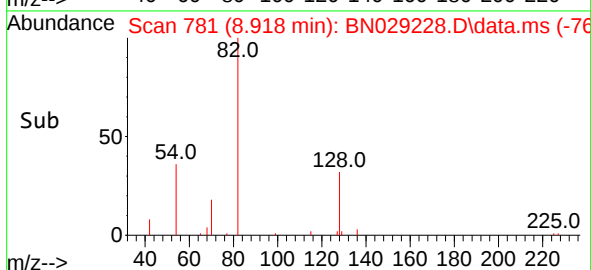
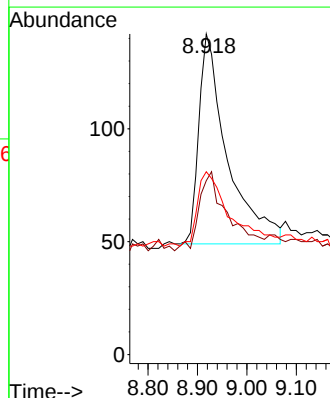
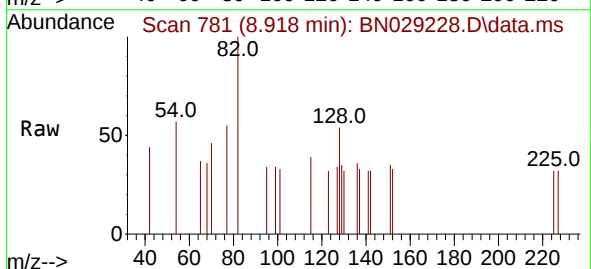
Instrument :  
BNA\_N  
ClientSampleId :  
SP-100-20240104

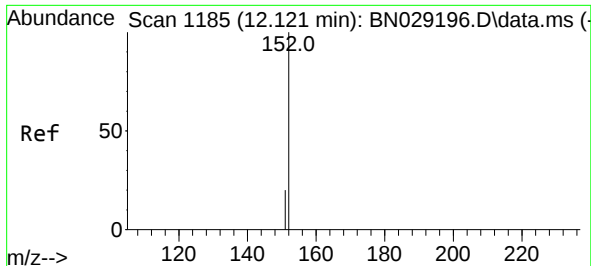
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 1311  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 18.8  | 13.0  | 19.4  |
| 54       | 15.4  | 9.8   | 14.6# |
| 68       | 12.9  | 7.4   | 11.2# |



#8  
Nitrobenzene-d5  
Concen: 0.227 ng  
RT: 8.918 min Scan# 781  
Delta R.T. 0.011 min  
Lab File: BN029228.D  
Acq: 09 Jan 2024 15:08

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 373   |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 54.2  | 34.2  | 51.2# |
| 54       | 57.0  | 38.8  | 58.2  |

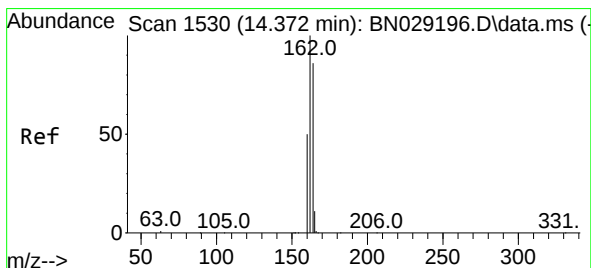
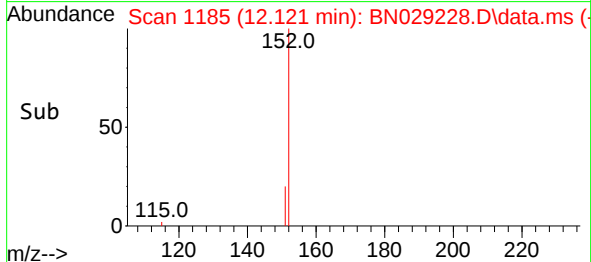
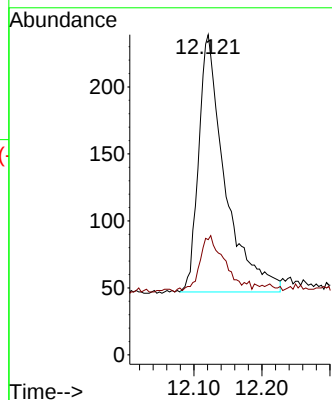
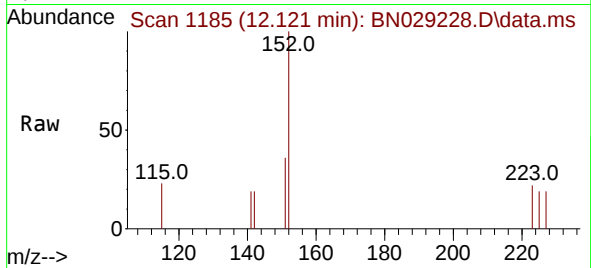




#11  
2-Methylnaphthalene-d10  
Concen: 0.228 ng  
RT: 12.121 min Scan# 1185  
Delta R.T. -0.000 min  
Lab File: BN029228.D  
Acq: 09 Jan 2024 15:08

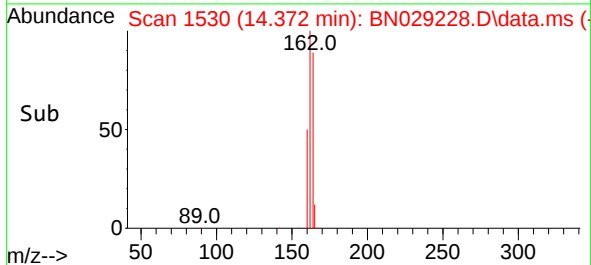
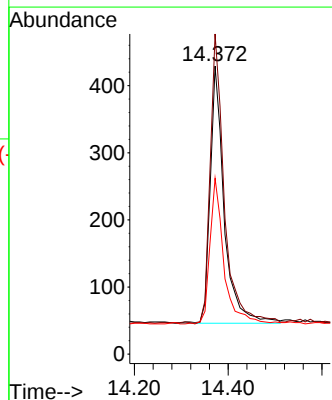
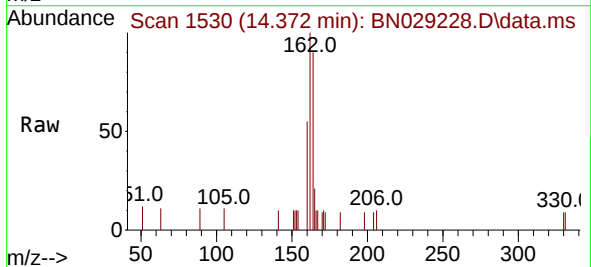
Instrument :  
BNA\_N  
ClientSampleId :  
SP-100-20240104

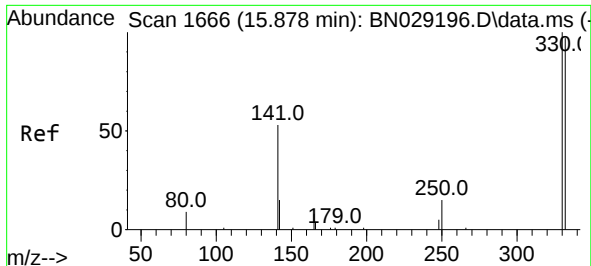
Tgt Ion:152 Resp: 516  
Ion Ratio Lower Upper  
152 100  
151 19.0 16.6 24.8



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.372 min Scan# 1530  
Delta R.T. -0.000 min  
Lab File: BN029228.D  
Acq: 09 Jan 2024 15:08

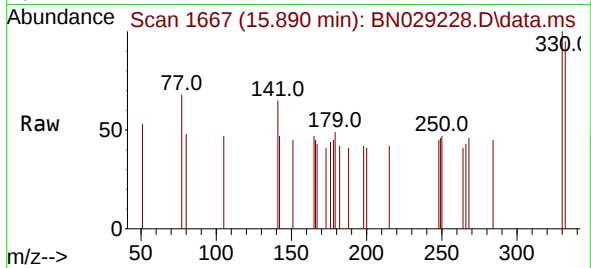
Tgt Ion:164 Resp: 795  
Ion Ratio Lower Upper  
164 100  
162 111.2 91.8 137.8  
160 61.1 49.4 74.2



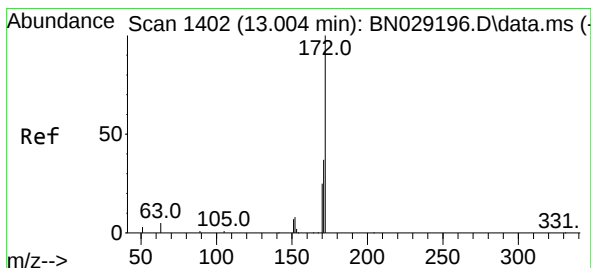
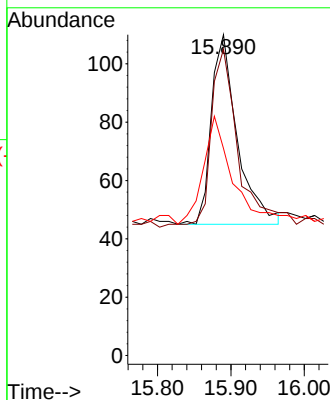
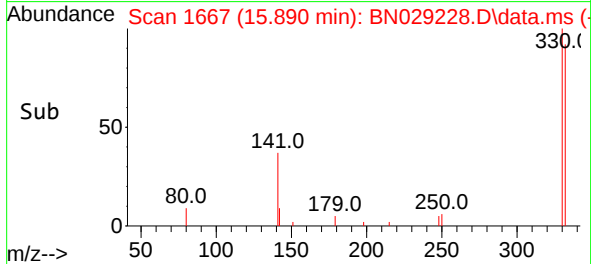


#14  
2,4,6-Tribromophenol  
Concen: 0.261 ng  
RT: 15.890 min Scan# 1  
Delta R.T. 0.012 min  
Lab File: BN029228.D  
Acq: 09 Jan 2024 15:08

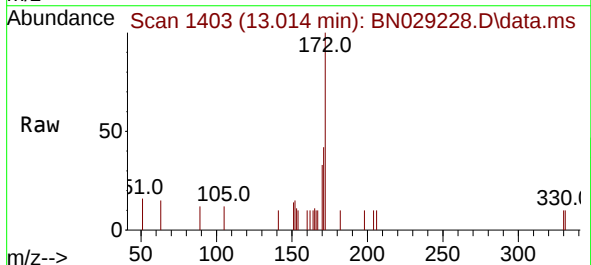
Instrument :  
BNA\_N  
ClientSampleId :  
SP-100-20240104



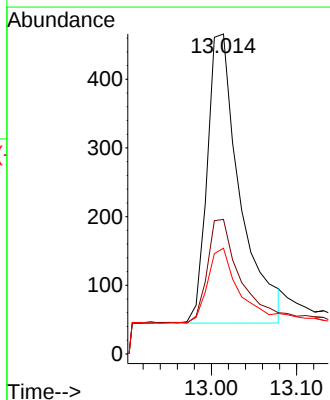
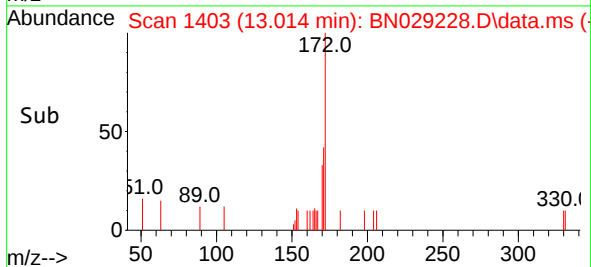
Tgt Ion:330 Resp: 160  
Ion Ratio Lower Upper  
330 100  
332 91.3 74.4 111.6  
141 63.7 46.7 70.1

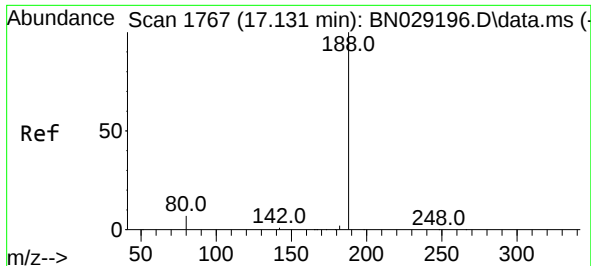


#15  
2-Fluorobiphenyl  
Concen: 0.263 ng  
RT: 13.014 min Scan# 1403  
Delta R.T. 0.011 min  
Lab File: BN029228.D  
Acq: 09 Jan 2024 15:08



Tgt Ion:172 Resp: 1121  
Ion Ratio Lower Upper  
172 100  
171 42.1 32.8 49.2  
170 33.0 24.0 36.0

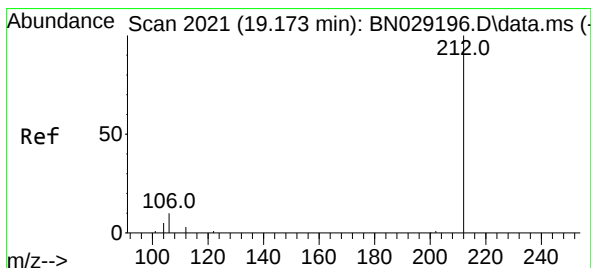
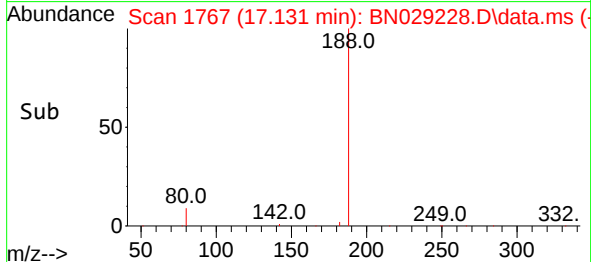
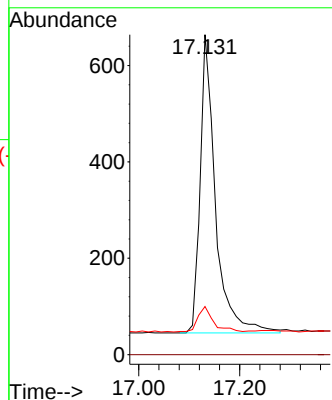
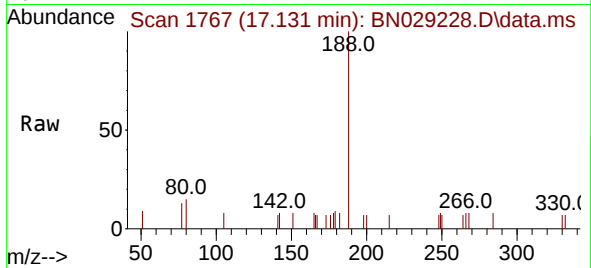




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.131 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN029228.D  
Acq: 09 Jan 2024 15:08

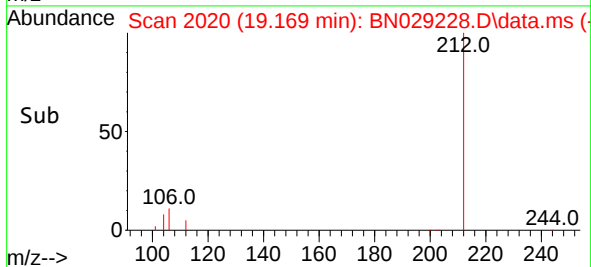
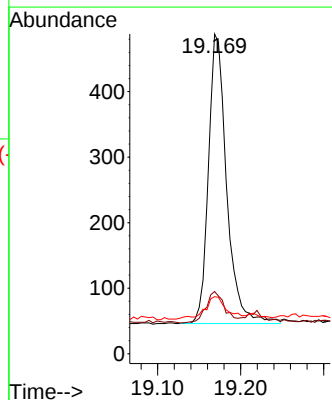
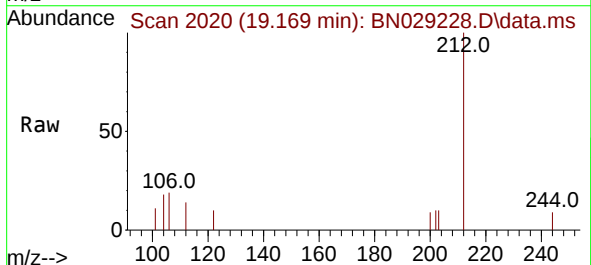
Instrument :  
BNA\_N  
ClientSampleId :  
SP-100-20240104

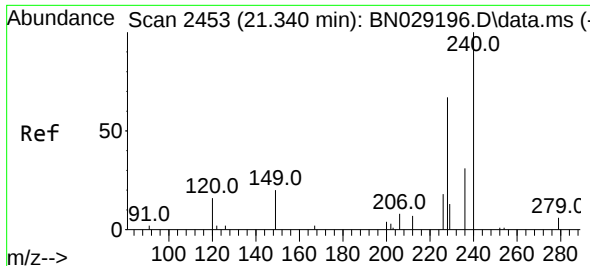
Tgt Ion:188 Resp: 1307  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 15.1 8.8 13.2#



#27  
Fluoranthene-d10  
Concen: 0.254 ng  
RT: 19.169 min Scan# 2020  
Delta R.T. -0.005 min  
Lab File: BN029228.D  
Acq: 09 Jan 2024 15:08

Tgt Ion:212 Resp: 676  
Ion Ratio Lower Upper  
212 100  
106 11.1 9.7 14.5  
104 9.5 6.3 9.5

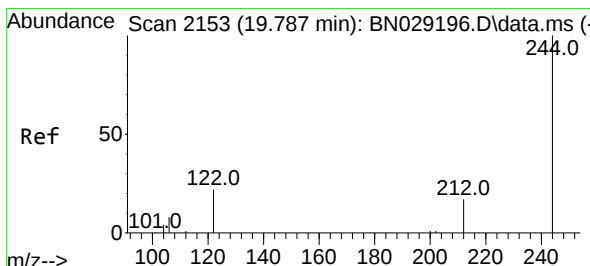
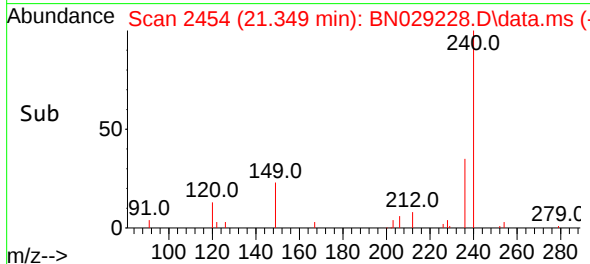
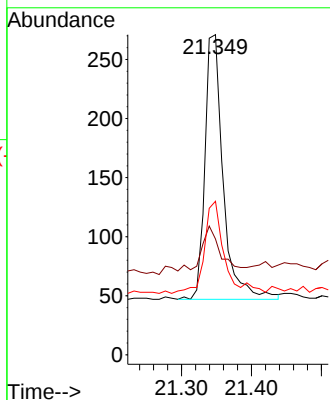
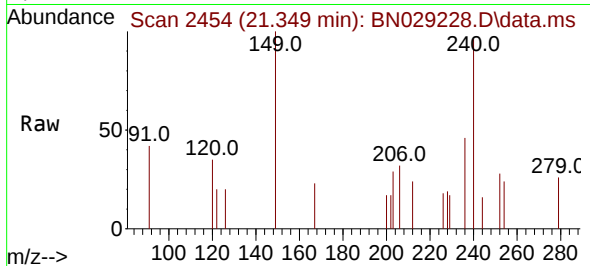




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.349 min Scan# 2454  
Delta R.T. 0.009 min  
Lab File: BN029228.D  
Acq: 09 Jan 2024 15:08

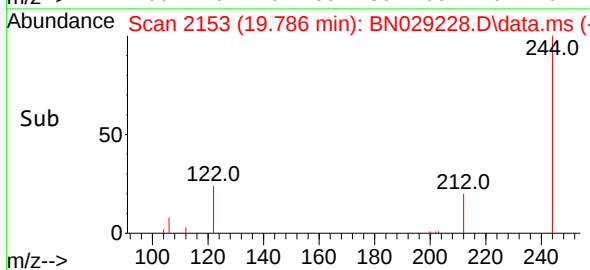
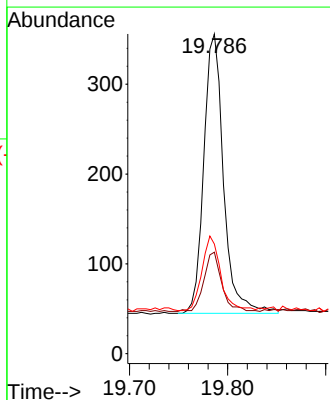
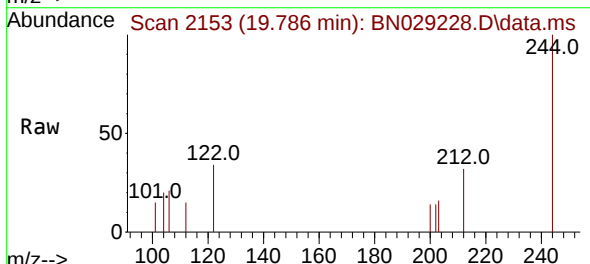
Instrument :  
BNA\_N  
ClientSampleId :  
SP-100-20240104

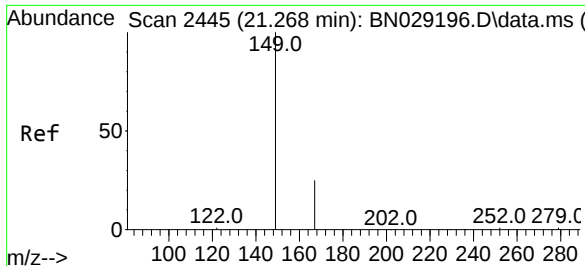
Tgt Ion:240 Resp: 406  
Ion Ratio Lower Upper  
240 100  
120 36.2 24.6 36.8  
236 48.0 32.0 48.0



#31  
Terphenyl-d14  
Concen: 0.346 ng  
RT: 19.786 min Scan# 2153  
Delta R.T. -0.000 min  
Lab File: BN029228.D  
Acq: 09 Jan 2024 15:08

Tgt Ion:244 Resp: 435  
Ion Ratio Lower Upper  
244 100  
212 31.7 20.1 30.1#  
122 34.3 23.9 35.9

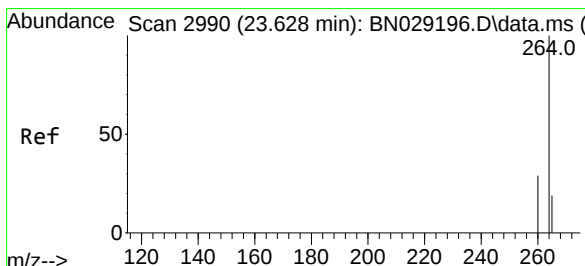
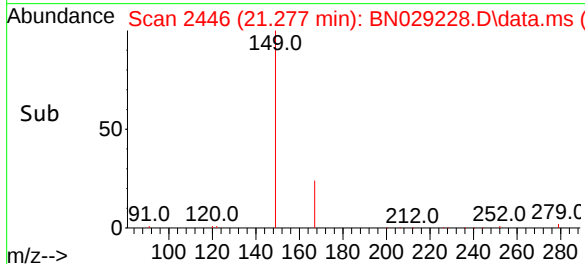
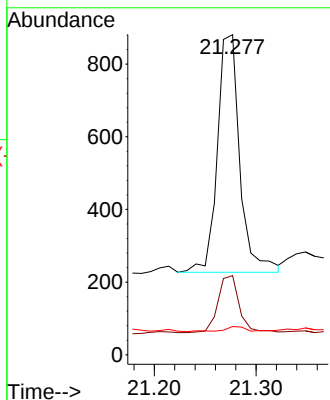
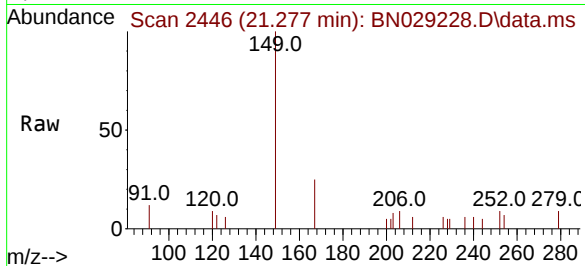




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.295 ng  
 RT: 21.277 min Scan# 2446  
 Delta R.T. 0.009 min  
 Lab File: BN029228.D  
 Acq: 09 Jan 2024 15:08

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SP-100-20240104

Tgt Ion:149 Resp: 1004  
 Ion Ratio Lower Upper  
 149 100  
 167 22.8 20.7 31.1  
 279 2.2 2.4 3.6#



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.633 min Scan# 2992  
 Delta R.T. 0.006 min  
 Lab File: BN029228.D  
 Acq: 09 Jan 2024 15:08

Tgt Ion:264 Resp: 472  
 Ion Ratio Lower Upper  
 264 100  
 260 40.3 30.2 45.4  
 265 134.5 88.1 132.1#

