

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN111424\  
 Data File : BN035092.D  
 Acq On : 14 Nov 2024 17:47  
 Operator : RC/JU  
 Sample : P4773-03  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW7-SP302-20241107

Quant Time: Nov 15 01:07:16 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN111324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 13 17:18:14 2024  
 Response via : Initial Calibration

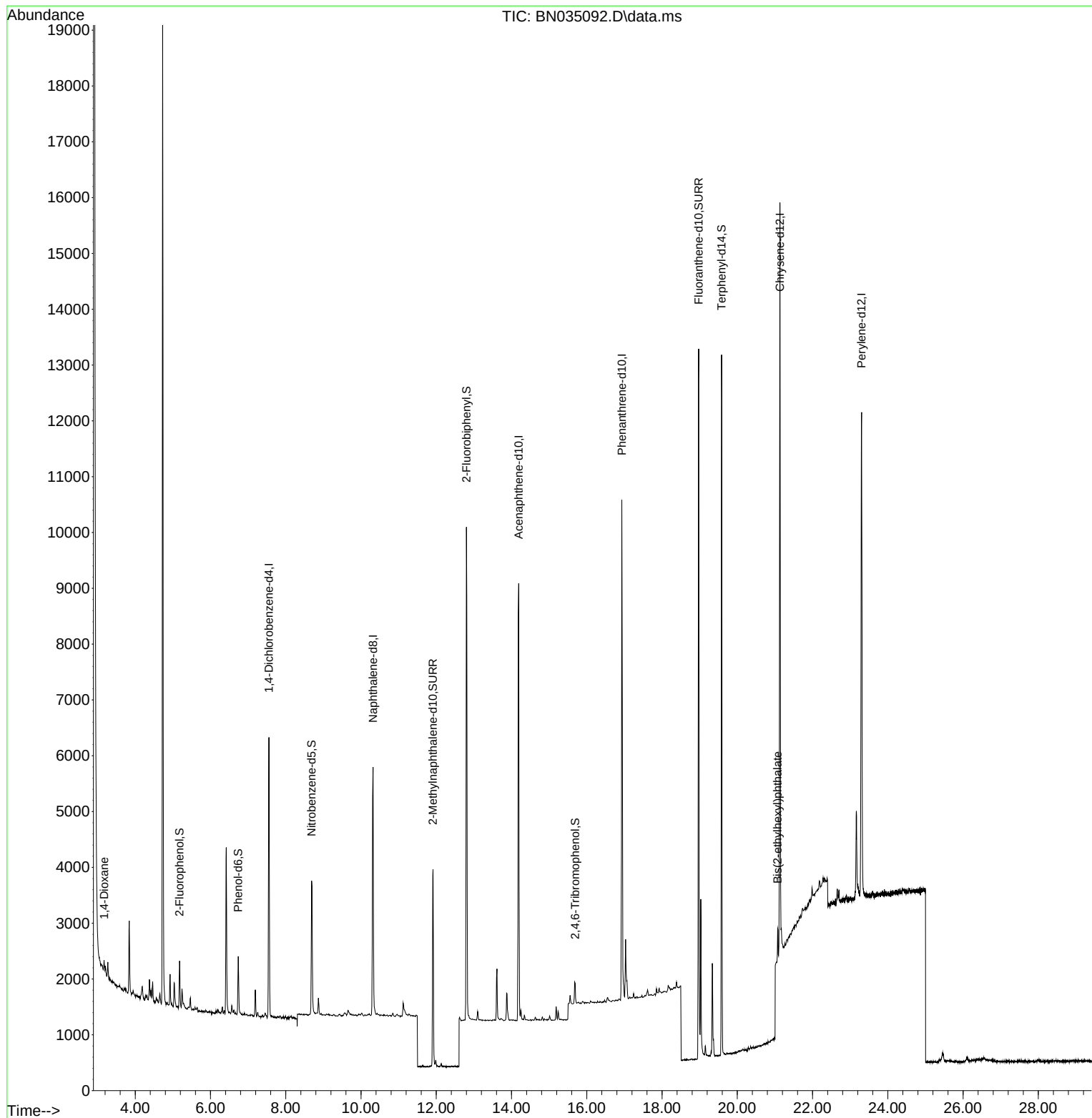
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.553  | 152  | 2453     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.319 | 136  | 6339     | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.190 | 164  | 4841     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.932 | 188  | 11862    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.134 | 240  | 11655    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.303 | 264  | 11245    | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.177  | 112  | 701      | 0.113 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.737  | 99   | 1011     | 0.129 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.685  | 82   | 2321     | 0.421 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 11.912 | 152  | 4775     | 0.423 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.691 | 330  | 270      | 0.077 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.800 | 172  | 8272     | 0.421 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 18.973 | 212  | 15464    | 0.426 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.582 | 244  | 12451    | 0.509 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.177  | 88   | 177      | 0.079 | ng    | # 23     |
| 34) Bis(2-ethylhexyl)phtha... | 21.071 | 149  | 644      | 0.030 | ng    | # 95     |
| -----                         |        |      |          |       |       |          |

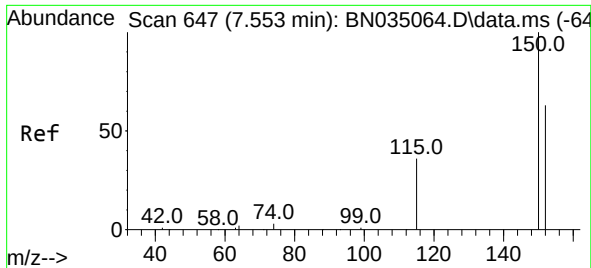
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN111424\  
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Quant Time: Nov 15 01:07:16 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN111324.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Nov 13 17:18:14 2024  
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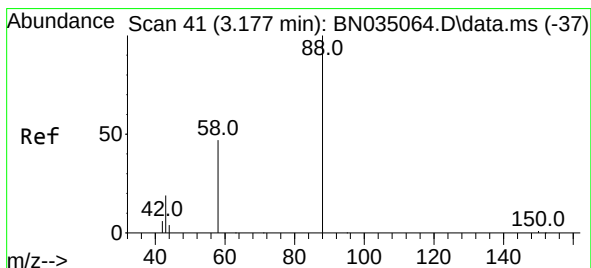
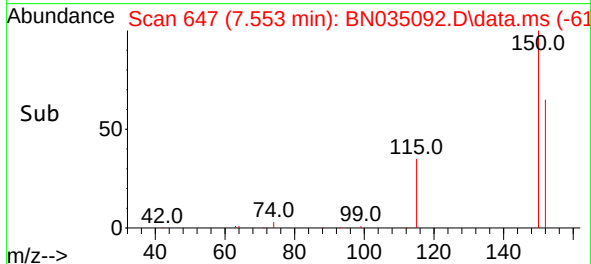
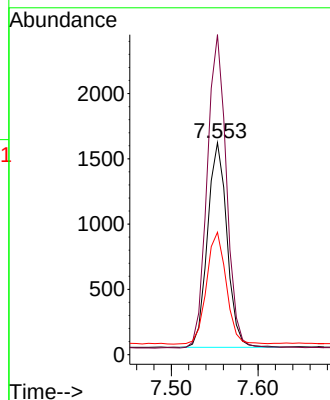
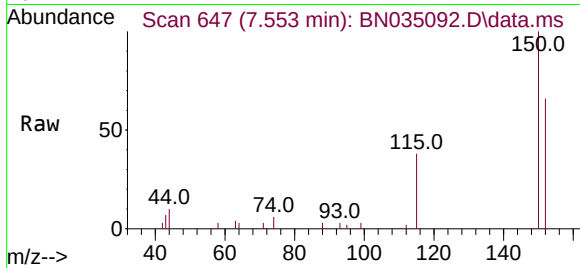




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.553 min Scan# 64  
 Delta R.T. 0.000 min  
 Lab File: BN035092.D  
 Acq: 14 Nov 2024 17:47

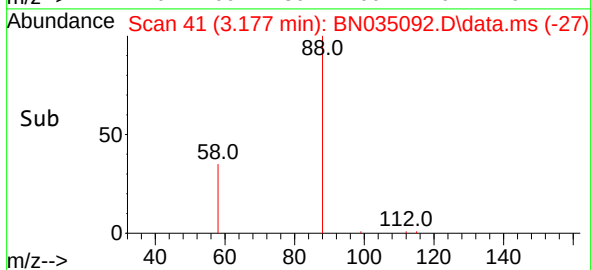
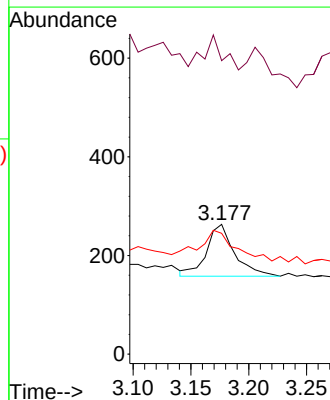
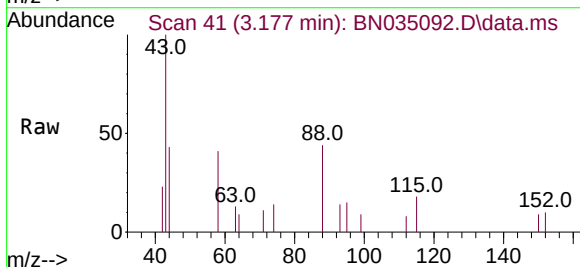
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 ClientSampleId :  
 RW7-SP302-20241107

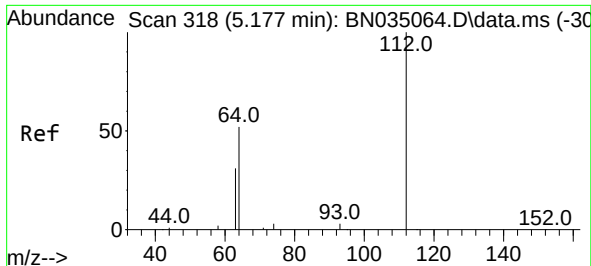
Tgt Ion:152 Resp: 2453  
 Ion Ratio Lower Upper  
 152 100  
 150 150.9 124.5 186.7  
 115 57.7 47.8 71.6



#2  
 1,4-Dioxane  
 Concen: 0.079 ng  
 RT: 3.177 min Scan# 41  
 Delta R.T. -0.000 min  
 Lab File: BN035092.D  
 Acq: 14 Nov 2024 17:47

Tgt Ion: 88 Resp: 177  
 Ion Ratio Lower Upper  
 88 100  
 43 53.7 16.9 25.3#  
 58 103.4 39.0 58.4#

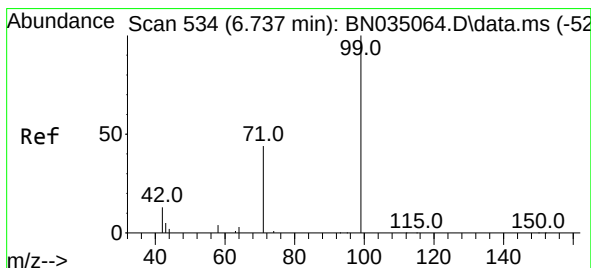
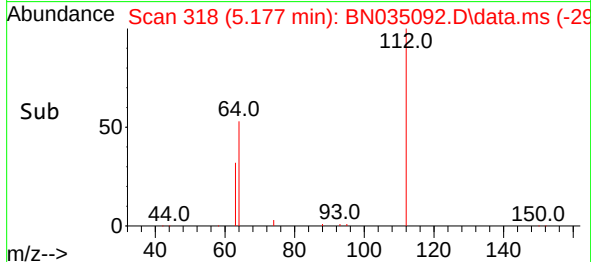
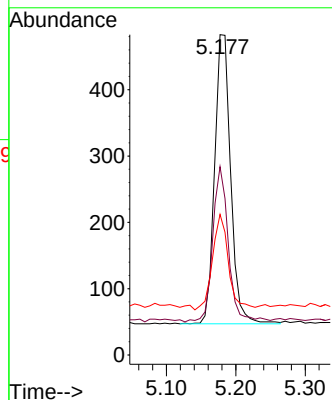
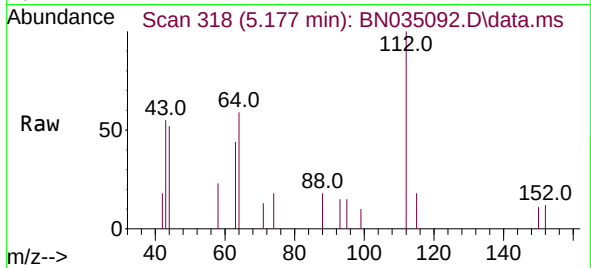




#4  
2-Fluorophenol  
Concen: 0.113 ng  
RT: 5.177 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: BN035092.D  
Acq: 14 Nov 2024 17:47

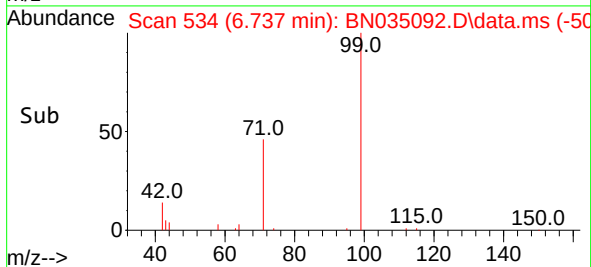
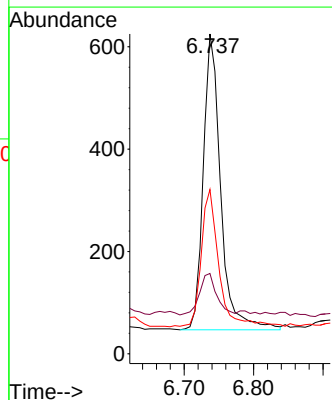
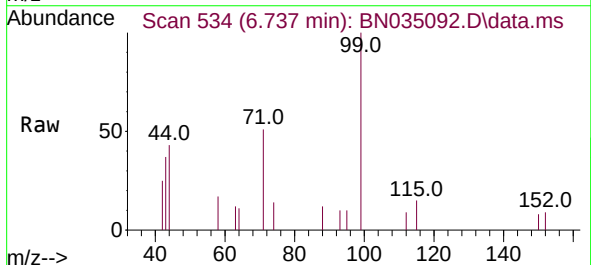
Instrument :  
BNA\_N  
ClientSampleId :  
RW7-SP302-20241107

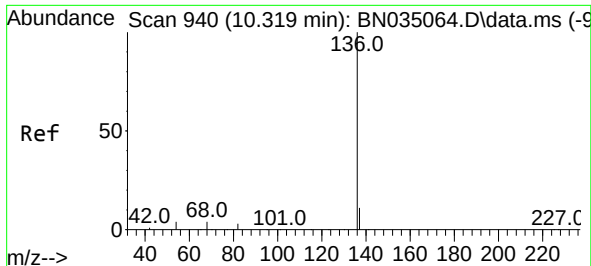
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 701   |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 64       | 52.2  | 39.7  | 59.5  |
| 63       | 33.0  | 23.0  | 34.4  |



#5  
Phenol-d6  
Concen: 0.129 ng  
RT: 6.737 min Scan# 534  
Delta R.T. -0.000 min  
Lab File: BN035092.D  
Acq: 14 Nov 2024 17:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 1011  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 13.8  | 11.4  | 17.0  |
| 71       | 46.9  | 34.6  | 51.8  |

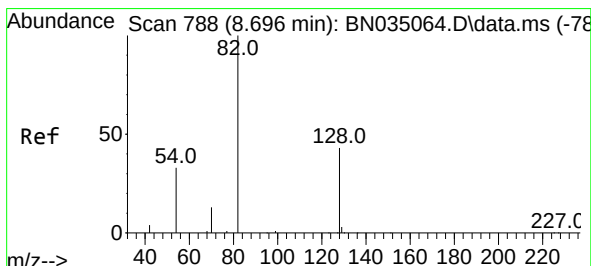
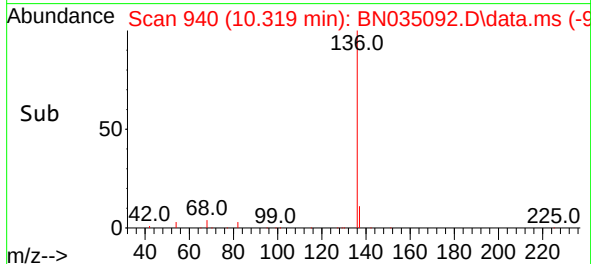
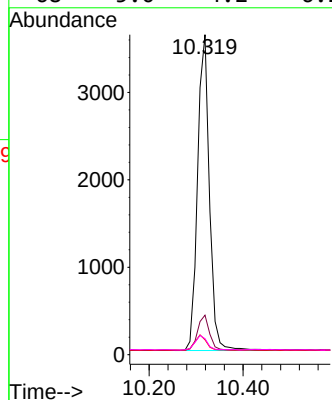
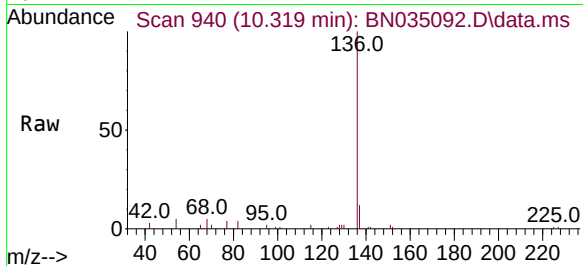




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.319 min Scan# 940  
Delta R.T. -0.000 min  
Lab File: BN035092.D  
Acq: 14 Nov 2024 17:47

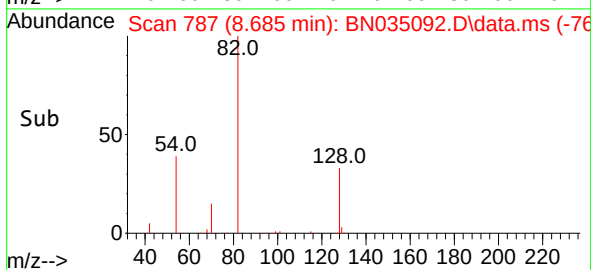
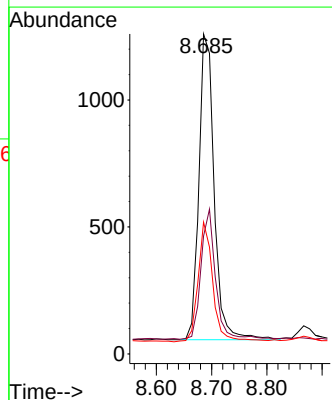
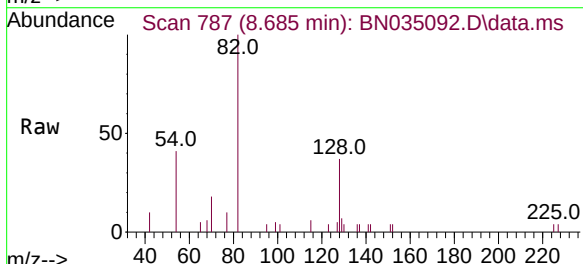
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BNA\_N  
ClientSampleId :  
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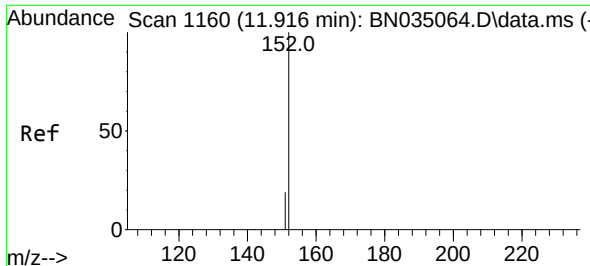
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 136   | Resp: | 6339 |
| Ion Ratio | Lower | Upper |      |
| 136       | 100   |       |      |
| 137       | 12.3  | 9.8   | 14.8 |
| 54        | 4.6   | 4.0   | 6.0  |
| 68        | 5.0   | 4.2   | 6.2  |



#8  
Nitrobenzene-d5  
Concen: 0.421 ng  
RT: 8.685 min Scan# 787  
Delta R.T. -0.011 min  
Lab File: BN035092.D  
Acq: 14 Nov 2024 17:47

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 2321 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 36.8  | 36.5  | 54.7 |
| 54        | 41.2  | 28.7  | 43.1 |

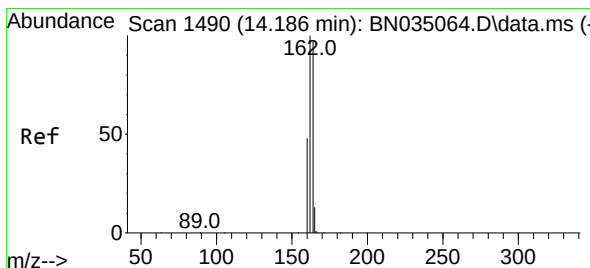
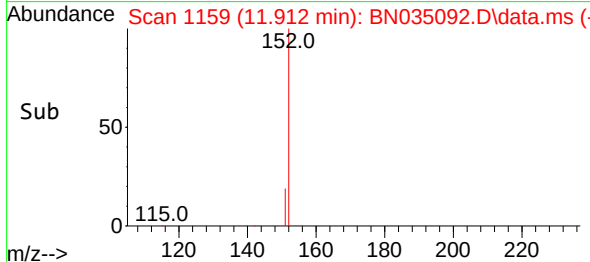
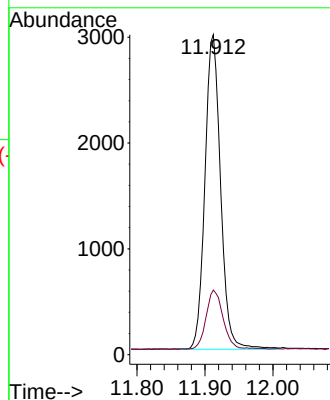
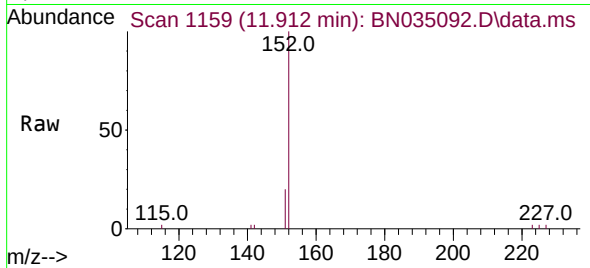




#11  
2-Methylnaphthalene-d10  
Concen: 0.423 ng  
RT: 11.912 min Scan# 1160  
Delta R.T. -0.004 min  
Lab File: BN035092.D  
Acq: 14 Nov 2024 17:47

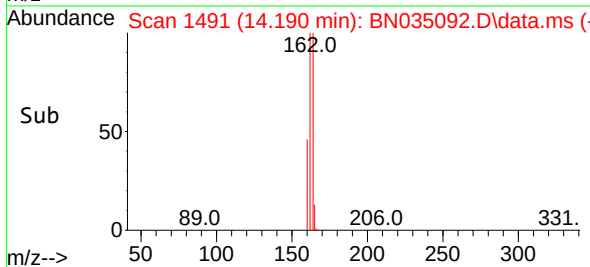
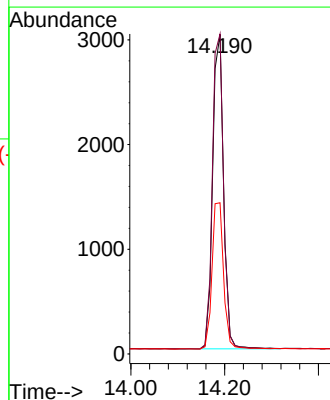
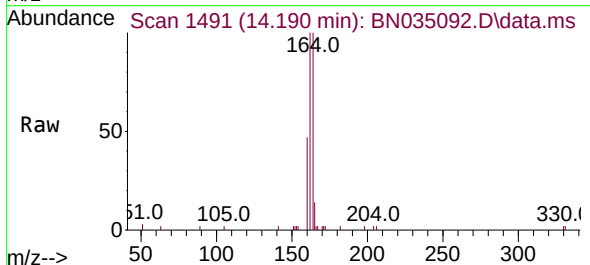
Instrument :  
BNA\_N  
ClientSampleId :  
RW7-SP302-20241107

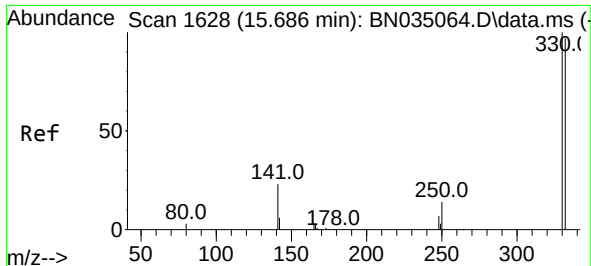
Tgt Ion:152 Resp: 4775  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.2 24.4



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.190 min Scan# 1491  
Delta R.T. 0.004 min  
Lab File: BN035092.D  
Acq: 14 Nov 2024 17:47

Tgt Ion:164 Resp: 4841  
Ion Ratio Lower Upper  
164 100  
162 100.2 82.2 123.2  
160 47.3 40.2 60.4

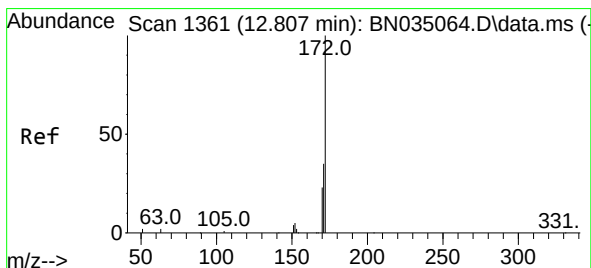
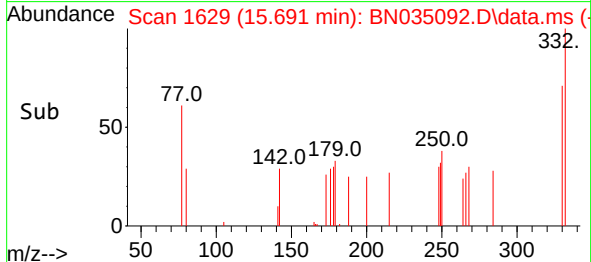
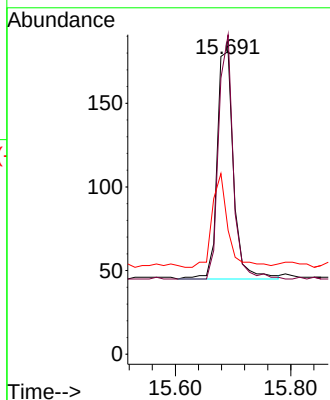
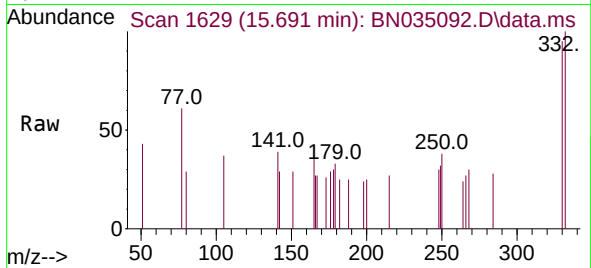




#14  
2,4,6-Tribromophenol  
Concen: 0.077 ng  
RT: 15.691 min Scan# 1629  
Delta R.T. 0.005 min  
Lab File: BN035092.D  
Acq: 14 Nov 2024 17:47

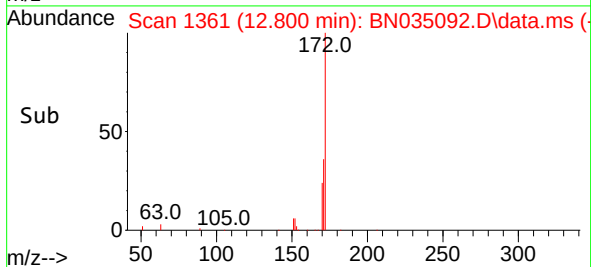
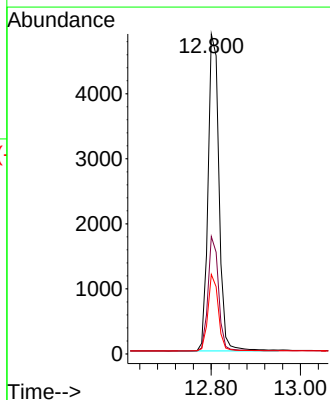
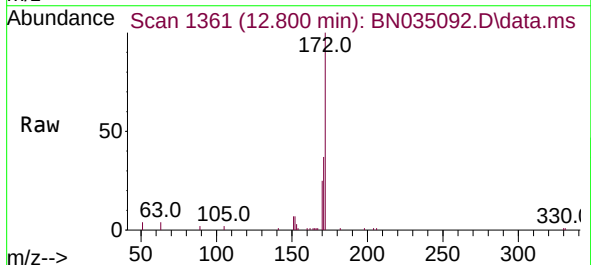
Instrument :  
BNA\_N  
ClientSampleId :  
RW7-SP302-20241107

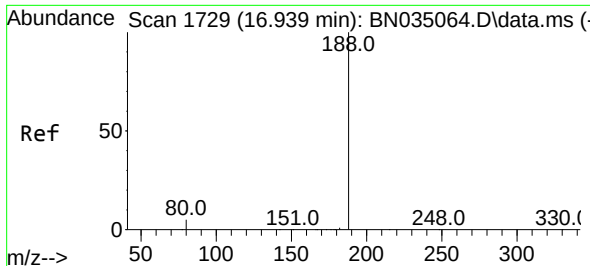
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|-----------|-------|-------|-------|
| Tgt Ion:  | 330   | Resp: | 270   |
| Ion Ratio | Lower | Upper |       |
| 330       | 100   |       |       |
| 332       | 94.4  | 76.9  | 115.3 |
| 141       | 39.3  | 29.6  | 44.4  |



#15  
2-Fluorobiphenyl  
Concen: 0.421 ng  
RT: 12.800 min Scan# 1361  
Delta R.T. -0.007 min  
Lab File: BN035092.D  
Acq: 14 Nov 2024 17:47

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 172   | Resp: | 8272 |
| Ion Ratio | Lower | Upper |      |
| 172       | 100   |       |      |
| 171       | 36.7  | 28.2  | 42.4 |
| 170       | 24.8  | 19.0  | 28.6 |

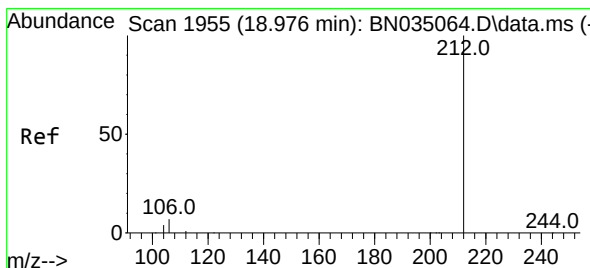
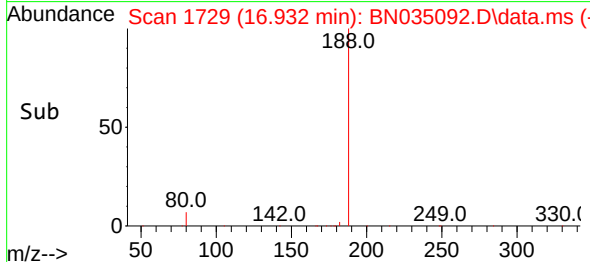
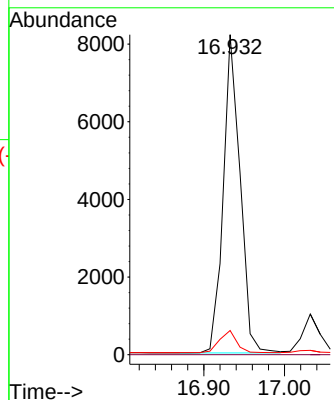
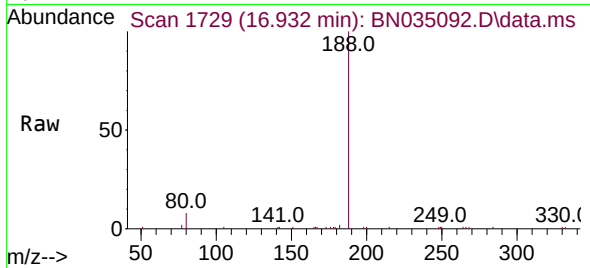




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.932 min Scan# 11  
Delta R.T. -0.007 min  
Lab File: BN035092.D  
Acq: 14 Nov 2024 17:47

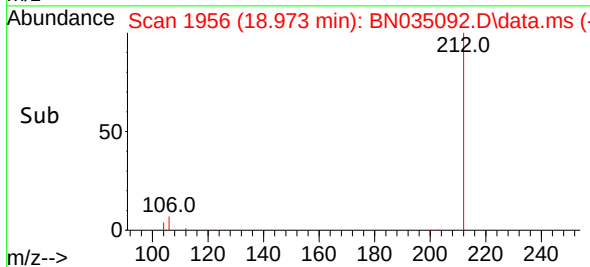
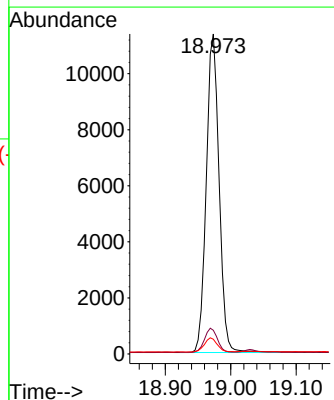
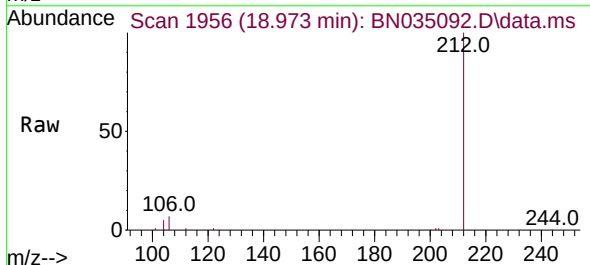
Instrument :  
BNA\_N  
ClientSampleId :  
RW7-SP302-20241107

Tgt Ion:188 Resp: 11862  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 7.6 4.3 6.5#

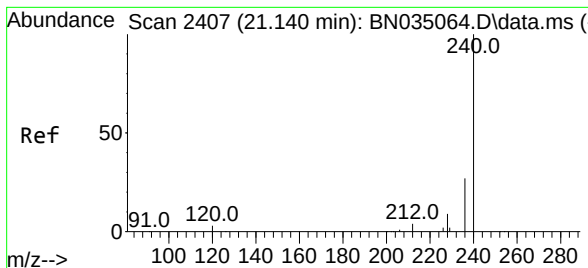


#27  
Fluoranthene-d10  
Concen: 0.426 ng  
RT: 18.973 min Scan# 1956  
Delta R.T. -0.002 min  
Lab File: BN035092.D  
Acq: 14 Nov 2024 17:47

Tgt Ion:212 Resp: 15464  
Ion Ratio Lower Upper  
212 100  
106 7.6 6.0 9.0  
104 4.4 3.5 5.3







#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.134 min Scan# 2408

Delta R.T. -0.007 min

Lab File: BN035092.D

Acq: 14 Nov 2024 17:47

Instrument :

BNA\_N

ClientSampleId :

RW7-SP302-20241107

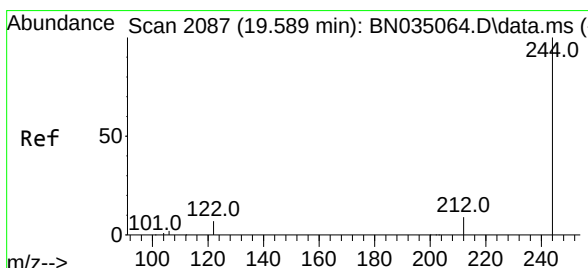
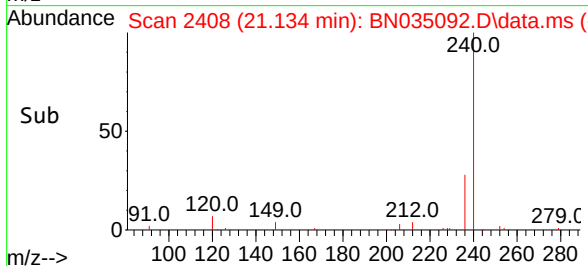
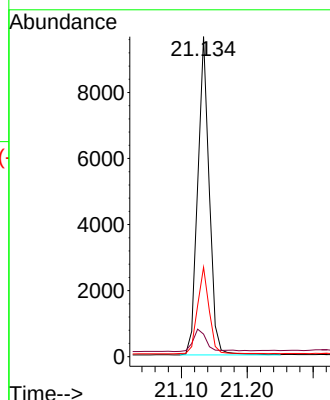
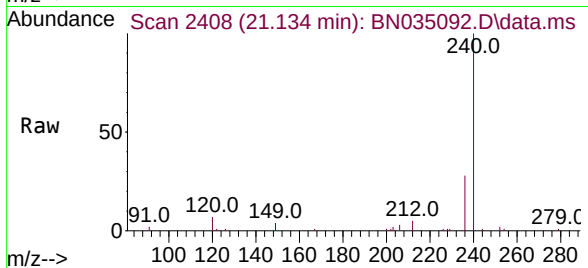
Tgt Ion:240 Resp: 11655

Ion Ratio Lower Upper

240 100

120 7.0 3.8 5.6#

236 28.0 22.2 33.2



#31

Terphenyl-d14

Concen: 0.509 ng

RT: 19.582 min Scan# 2087

Delta R.T. -0.007 min

Lab File: BN035092.D

Acq: 14 Nov 2024 17:47

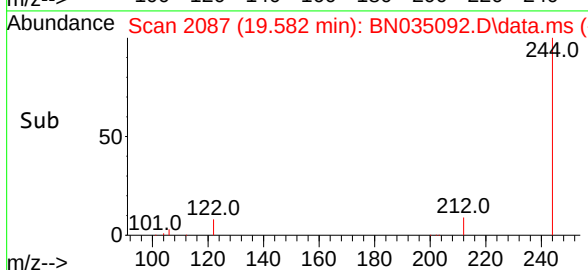
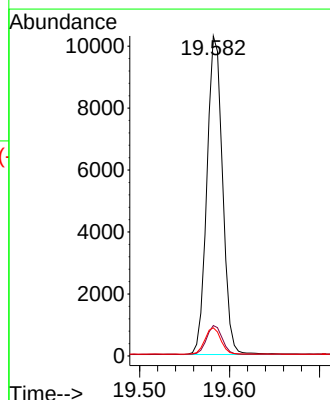
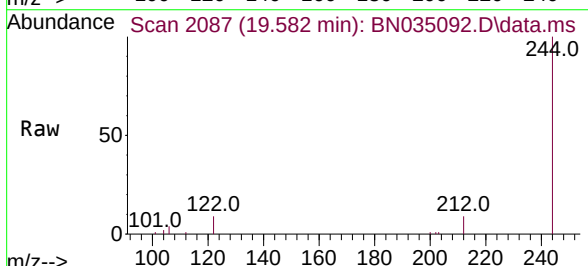
Tgt Ion:244 Resp: 12451

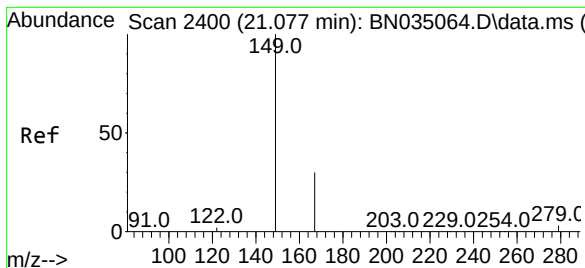
Ion Ratio Lower Upper

244 100

212 9.5 7.6 11.4

122 8.8 6.1 9.1

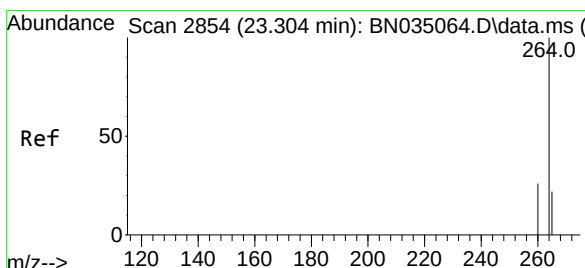
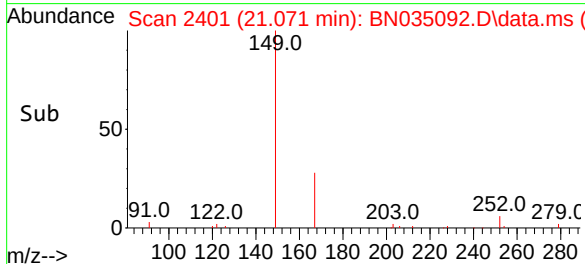
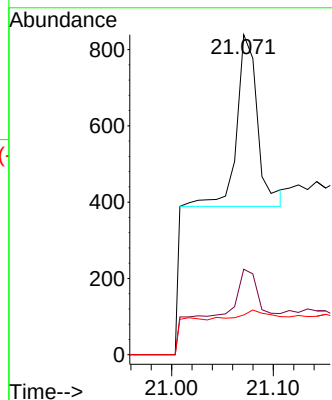
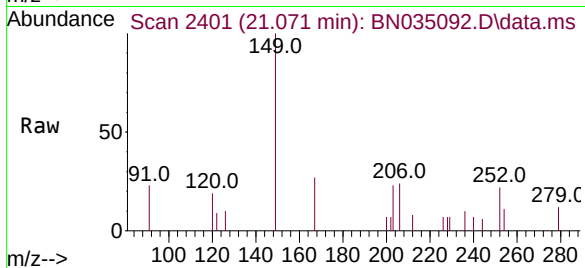




#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.030 ng  
RT: 21.071 min Scan# 2401  
Delta R.T. -0.007 min  
Lab File: BN035092.D  
Acq: 14 Nov 2024 17:47

Instrument :  
BNA\_N  
ClientSampleId :  
RW7-SP302-20241107

Tgt Ion:149 Resp: 644  
Ion Ratio Lower Upper  
149 100  
167 26.9 23.2 34.8  
279 0.0 3.2 4.8#



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.303 min Scan# 2857  
Delta R.T. -0.001 min  
Lab File: BN035092.D  
Acq: 14 Nov 2024 17:47

Tgt Ion:264 Resp: 11245  
Ion Ratio Lower Upper  
264 100  
260 26.2 20.9 31.3  
265 57.8 35.4 53.2#

