

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051024\  
 Data File : BN031491.D  
 Acq On : 11 May 2024 10:01  
 Operator : MA/JU  
 Sample : P2445-01  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RMW-04B-92.5-050924

Quant Time: May 13 01:26:37 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN050924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 10 02:12:24 2024  
 Response via : Initial Calibration

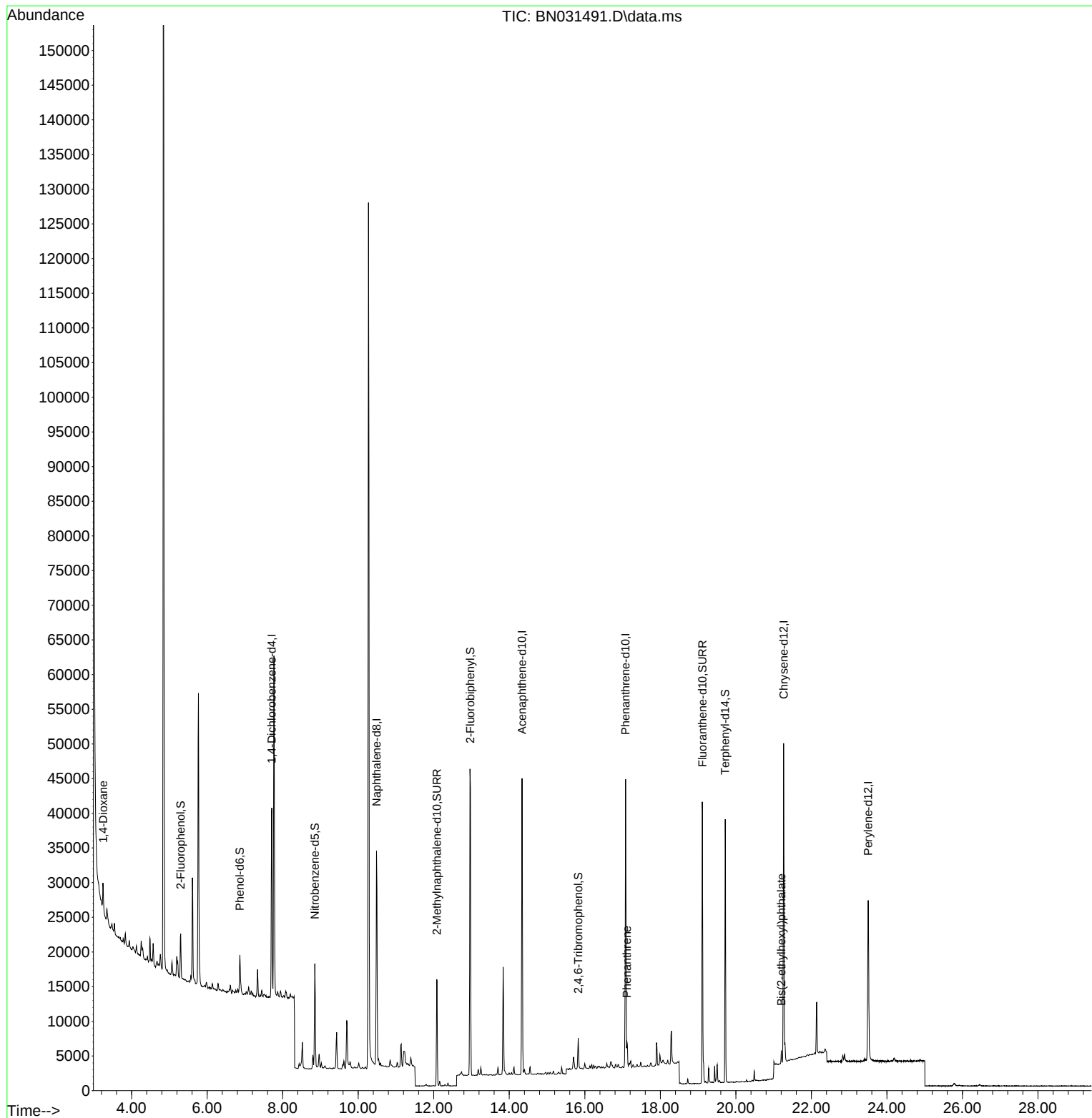
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.711  | 152  | 12892    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.485 | 136  | 40900    | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.338 | 164  | 22658    | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.078 | 188  | 51090    | 0.400 | ng    | -0.01    |
| 29) Chrysene-d12              | 21.265 | 240  | 39640    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.502 | 264  | 32563    | 0.400 | ng    | #-0.02   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.299  | 112  | 5200     | 0.142 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.866  | 99   | 4529     | 0.092 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.852  | 82   | 11899    | 0.405 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.081 | 152  | 20780    | 0.315 | ng    | -0.01    |
| 14) 2,4,6-Tribromophenol      | 15.825 | 330  | 2386     | 0.277 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 12.970 | 172  | 40805    | 0.467 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.114 | 212  | 43699    | 0.308 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.718 | 244  | 35258    | 0.364 | ng    | -0.01    |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.248  | 88   | 2431     | 0.153 | ng    | # 67     |
| 25) Phenanthrene              | 17.116 | 178  | 4189     | 0.029 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.202 | 149  | 1877     | 0.021 | ng    | # 93     |
| -----                         |        |      |          |       |       |          |

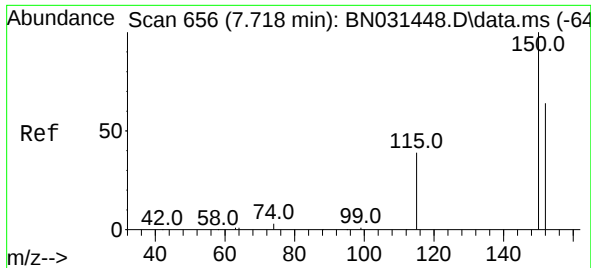
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051024\  
Data File : BN031491.D  
Acq On : 11 May 2024 10:01  
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Sample : P2445-01  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
BNA\_N  
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RMW-04B-92.5-050924

Quant Time: May 13 01:26:37 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN050924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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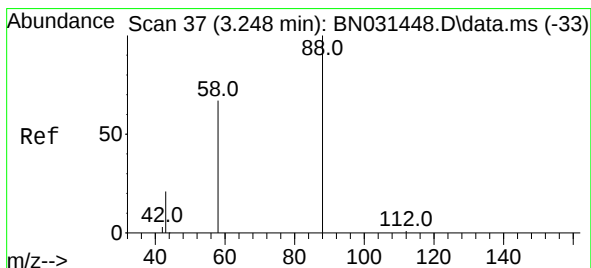
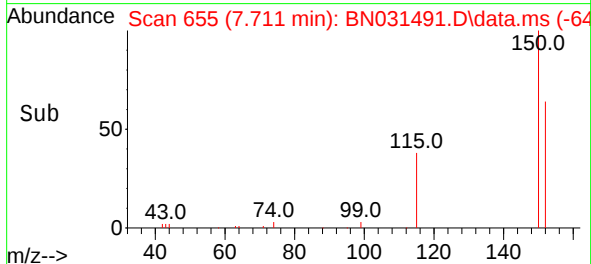
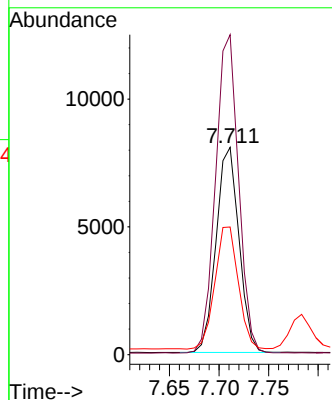
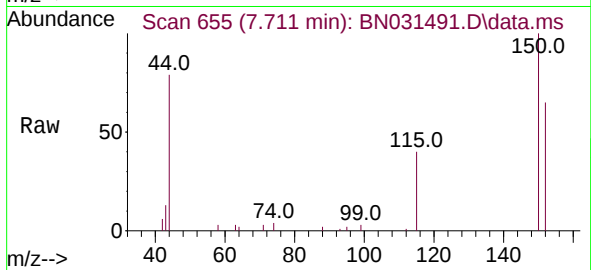




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.711 min Scan# 61  
 Delta R.T. -0.007 min  
 Lab File: BN031491.D  
 Acq: 11 May 2024 10:01

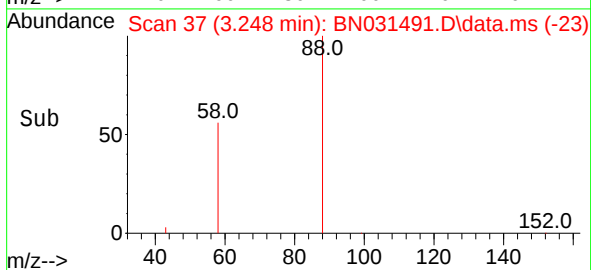
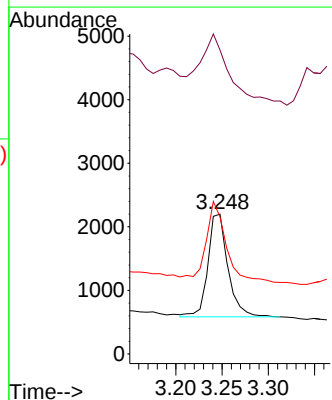
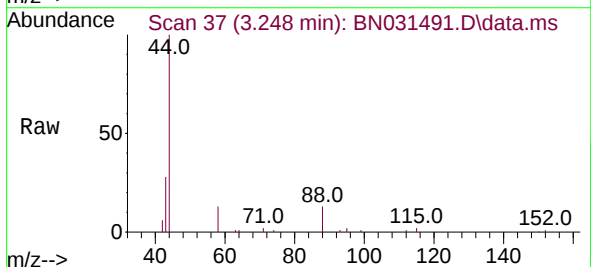
Instrument :  
 BNA\_N  
 ClientSampleId :  
 RMW-04B-92.5-050924

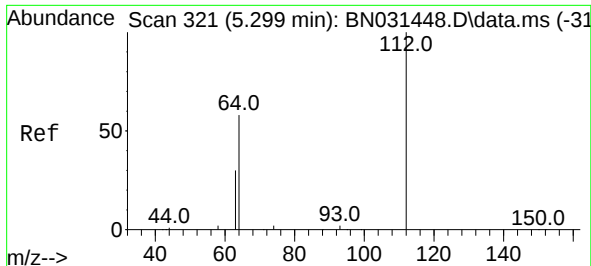
Tgt Ion:152 Resp: 12892  
 Ion Ratio Lower Upper  
 152 100  
 150 154.4 119.3 178.9  
 115 61.6 54.8 82.2



#2  
 1,4-Dioxane  
 Concen: 0.153 ng  
 RT: 3.248 min Scan# 37  
 Delta R.T. -0.000 min  
 Lab File: BN031491.D  
 Acq: 11 May 2024 10:01

Tgt Ion: 88 Resp: 2431  
 Ion Ratio Lower Upper  
 88 100  
 43 88.7 39.0 58.6#  
 58 80.7 54.9 82.3

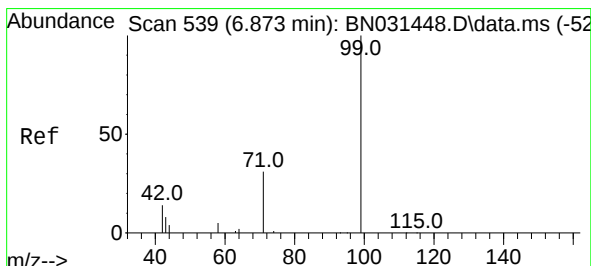
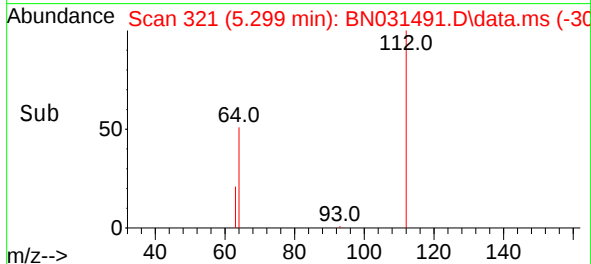
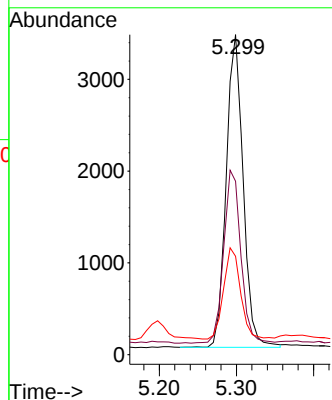
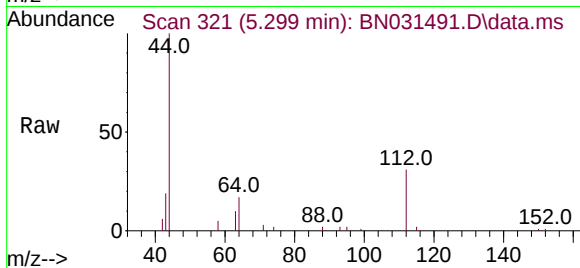




#4  
2-Fluorophenol  
Concen: 0.142 ng  
RT: 5.299 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: BN031491.D  
Acq: 11 May 2024 10:01

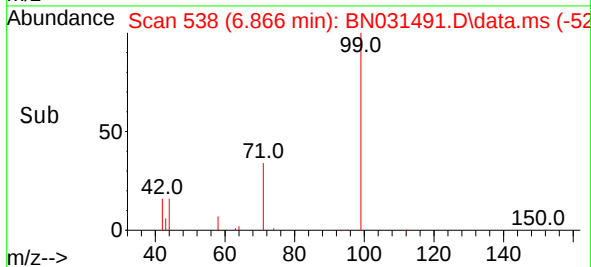
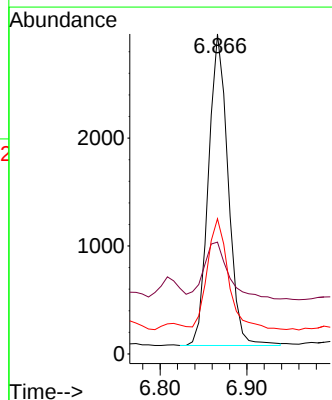
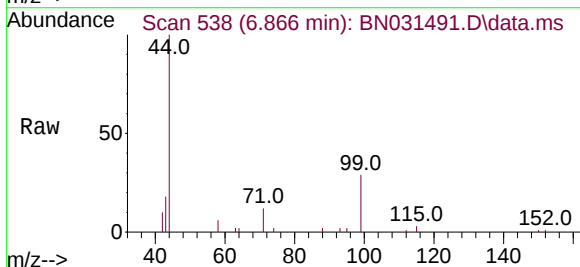
Instrument :  
BNA\_N  
ClientSampleId :  
RMW-04B-92.5-050924

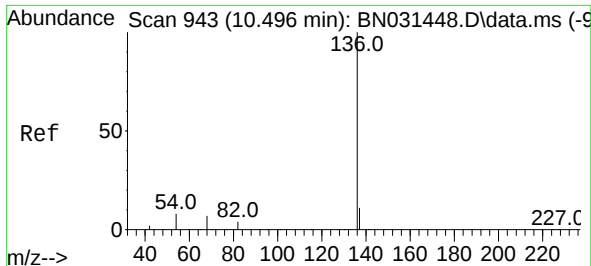
Tgt Ion:112 Resp: 5200  
Ion Ratio Lower Upper  
112 100  
64 56.2 44.0 66.0  
63 29.1 22.2 33.4



#5  
Phenol-d6  
Concen: 0.092 ng  
RT: 6.866 min Scan# 538  
Delta R.T. -0.007 min  
Lab File: BN031491.D  
Acq: 11 May 2024 10:01

Tgt Ion: 99 Resp: 4529  
Ion Ratio Lower Upper  
99 100  
42 22.9 13.5 20.3#  
71 37.9 26.1 39.1

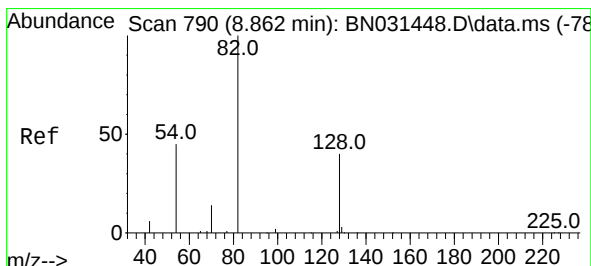
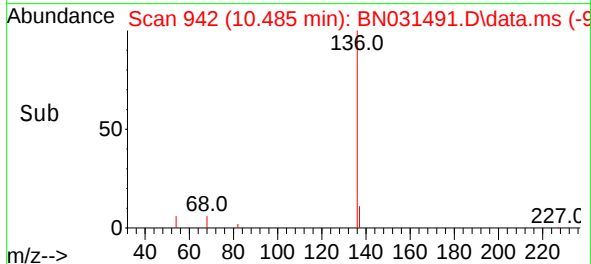
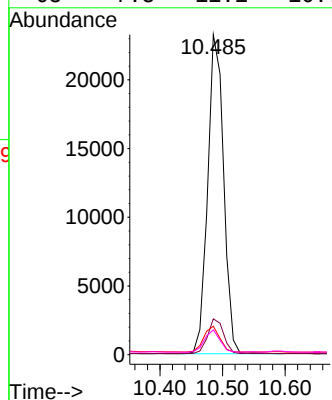
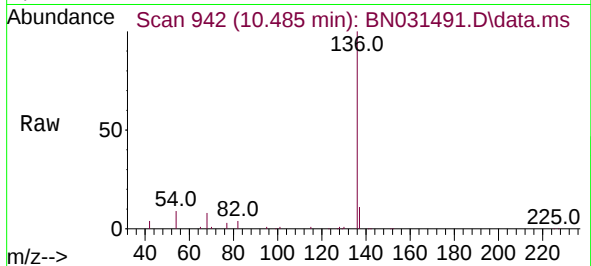




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.485 min Scan# 943  
Delta R.T. -0.011 min  
Lab File: BN031491.D  
Acq: 11 May 2024 10:01

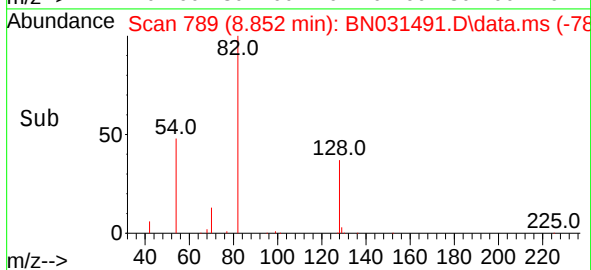
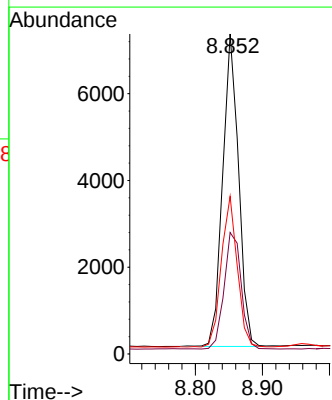
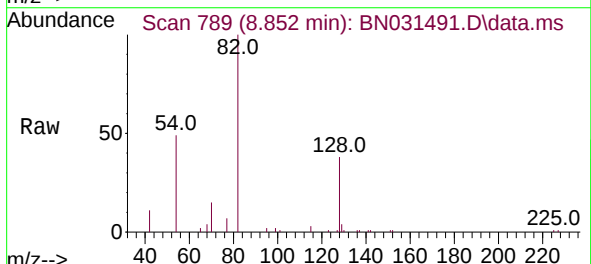
Instrument :  
BNA\_N  
ClientSampleId :  
RMW-04B-92.5-050924

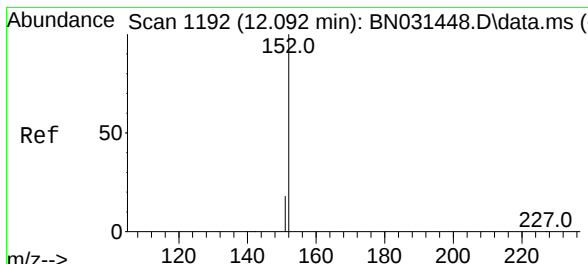
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 40900 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.2  | 10.1  | 15.1  |
| 54        | 8.9   | 10.5  | 15.7# |
| 68        | 7.8   | 11.1  | 16.7# |



#8  
Nitrobenzene-d5  
Concen: 0.405 ng  
RT: 8.852 min Scan# 789  
Delta R.T. -0.011 min  
Lab File: BN031491.D  
Acq: 11 May 2024 10:01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 82    | Resp: | 11899 |
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 128       | 38.0  | 29.0  | 43.6  |
| 54        | 49.3  | 37.2  | 55.8  |



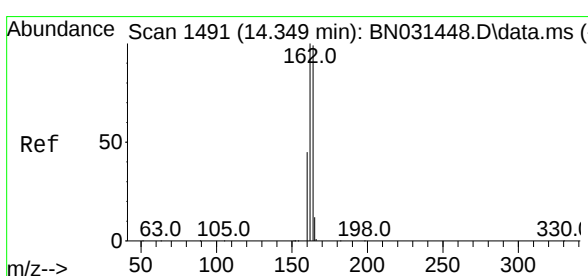
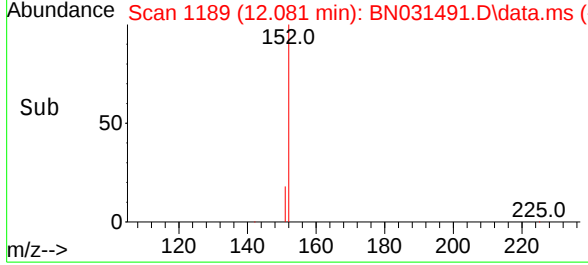
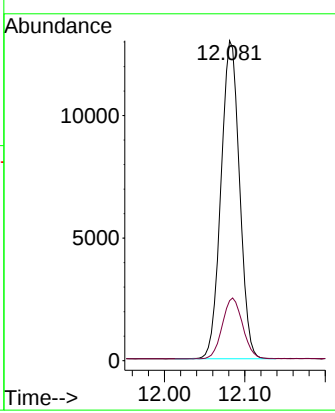
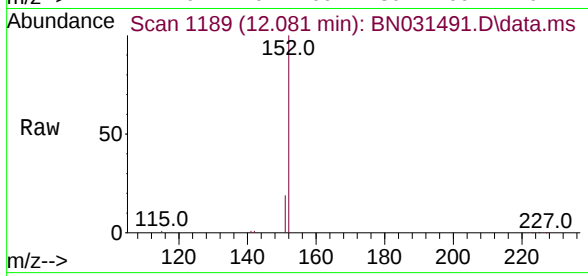


#11  
 2-Methylnaphthalene-d10  
 Concen: 0.315 ng  
 RT: 12.081 min Scan# 1189  
 Delta R.T. -0.011 min  
 Lab File: BN031491.D  
 Acq: 11 May 2024 10:01

Instrument : BNA\_N  
 ClientSampleId : RMW-04B-92.5-050924

Tgt Ion:152 Resp: 20780

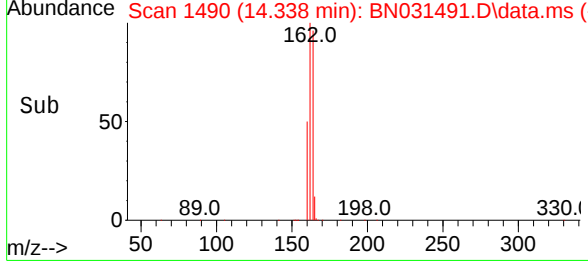
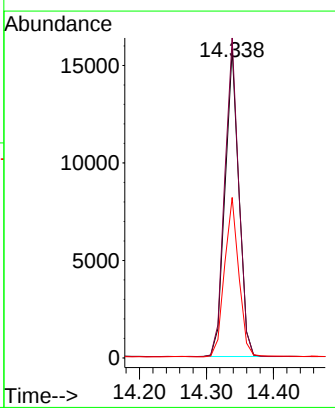
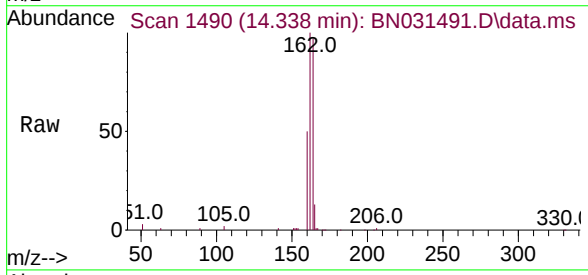
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 21.1  | 16.6  | 25.0  |

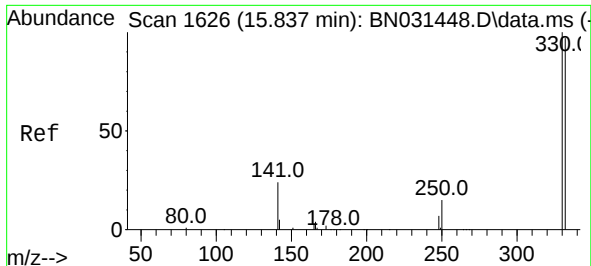


#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.338 min Scan# 1490  
 Delta R.T. -0.011 min  
 Lab File: BN031491.D  
 Acq: 11 May 2024 10:01

Tgt Ion:164 Resp: 22658

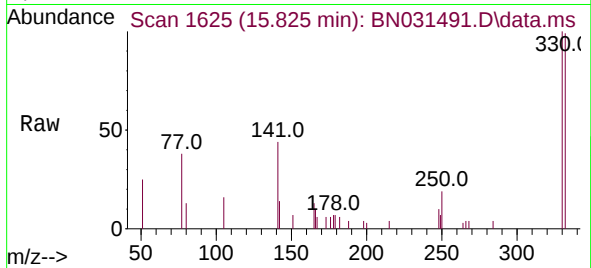
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 103.6 | 81.2  | 121.8 |
| 160 | 52.0  | 37.0  | 55.6  |



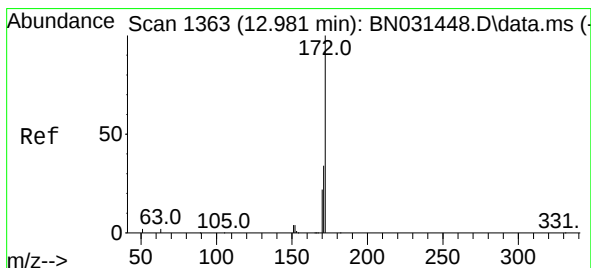
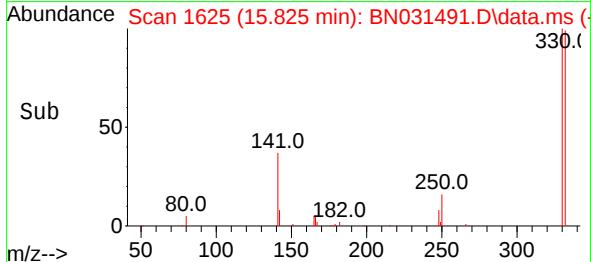
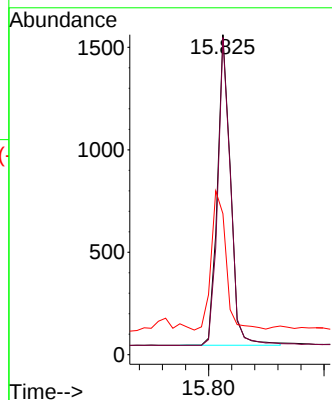


#14  
2,4,6-Tribromophenol  
Concen: 0.277 ng  
RT: 15.825 min Scan# 1625  
Delta R.T. -0.012 min  
Lab File: BN031491.D  
Acq: 11 May 2024 10:01

Instrument :  
BNA\_N  
ClientSampleId :  
RMW-04B-92.5-050924

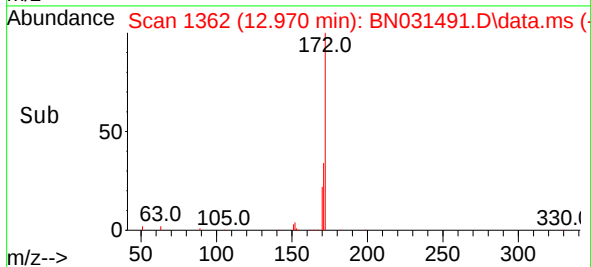
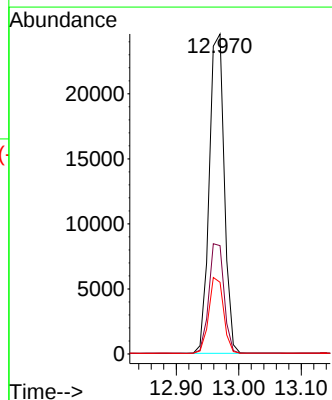
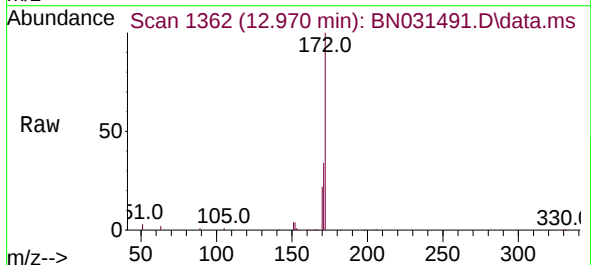


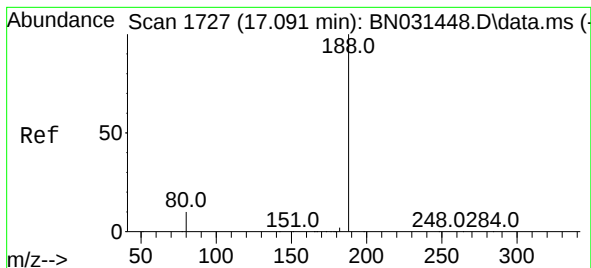
Tgt Ion:330 Resp: 2386  
Ion Ratio Lower Upper  
330 100  
332 97.0 76.6 114.8  
141 50.6 37.0 55.4



#15  
2-Fluorobiphenyl  
Concen: 0.467 ng  
RT: 12.970 min Scan# 1362  
Delta R.T. -0.011 min  
Lab File: BN031491.D  
Acq: 11 May 2024 10:01

Tgt Ion:172 Resp: 40805  
Ion Ratio Lower Upper  
172 100  
171 33.9 27.8 41.8  
170 22.4 18.3 27.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.078 min Scan# 1726

Delta R.T. -0.013 min

Lab File: BN031491.D

Acq: 11 May 2024 10:01

Instrument :

BNA\_N

ClientSampleId :

RMW-04B-92.5-050924

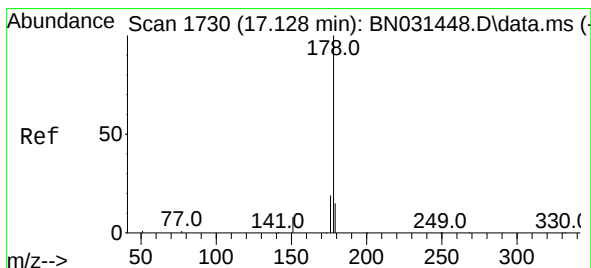
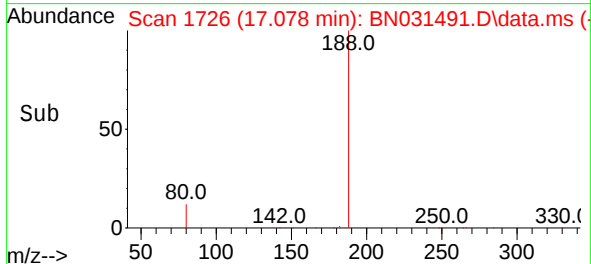
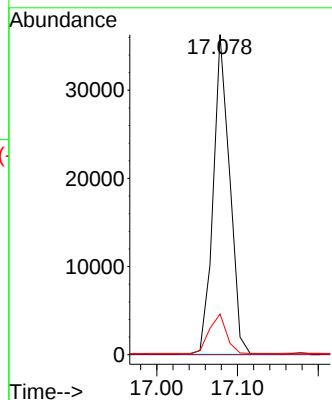
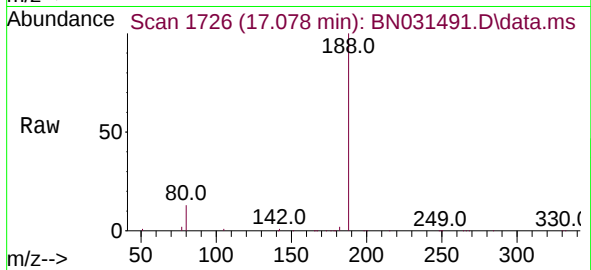
Tgt Ion:188 Resp: 51090

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.7 9.6 14.4



#25

Phenanthrene

Concen: 0.029 ng

RT: 17.116 min Scan# 1729

Delta R.T. -0.012 min

Lab File: BN031491.D

Acq: 11 May 2024 10:01

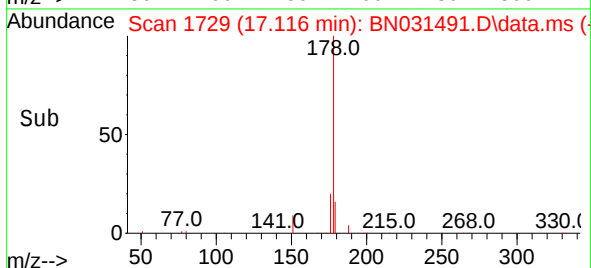
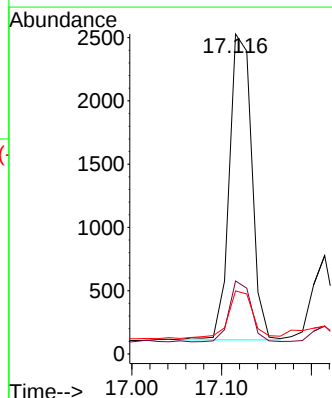
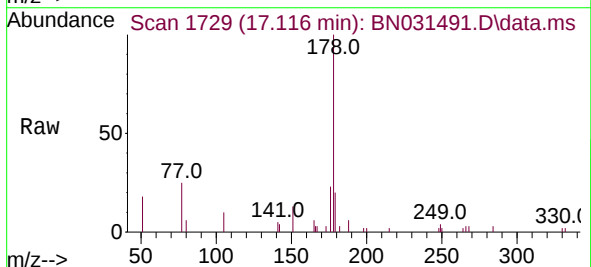
Tgt Ion:178 Resp: 4189

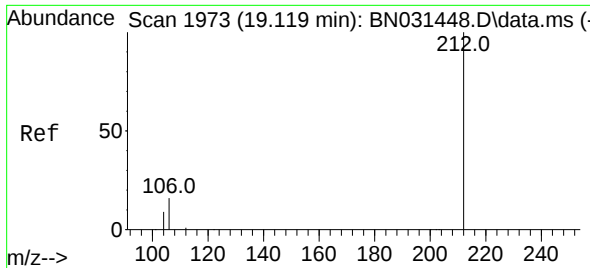
Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

179 17.2 12.3 18.5

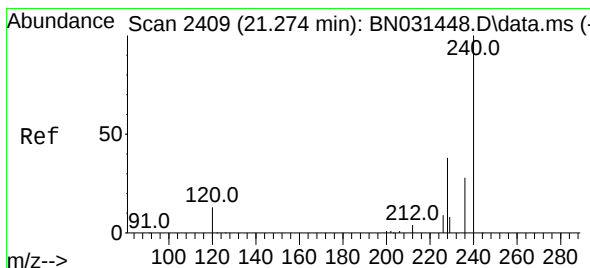
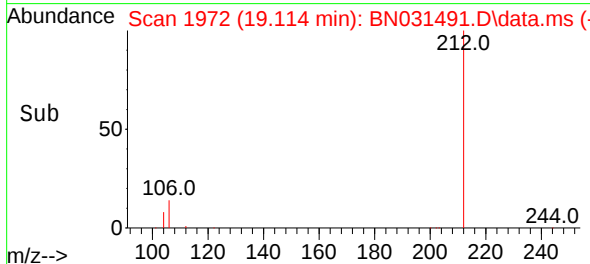
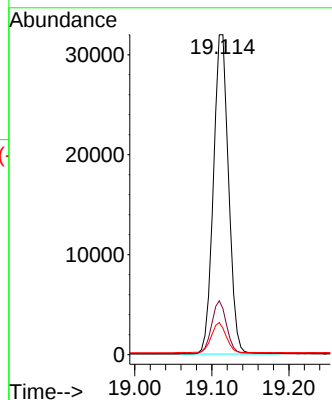
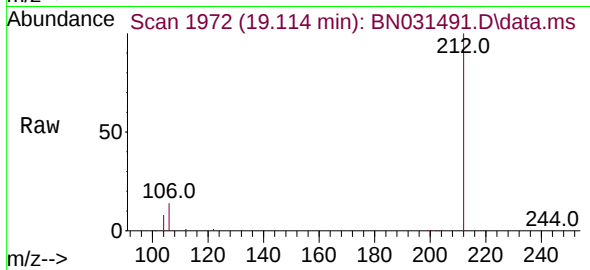




#27  
Fluoranthene-d10  
Concen: 0.308 ng  
RT: 19.114 min Scan# 1911  
Delta R.T. -0.005 min  
Lab File: BN031491.D  
Acq: 11 May 2024 10:01

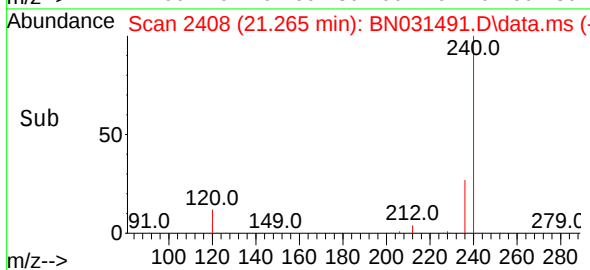
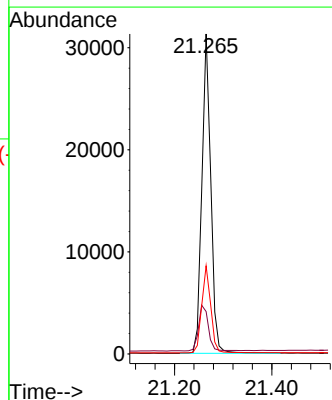
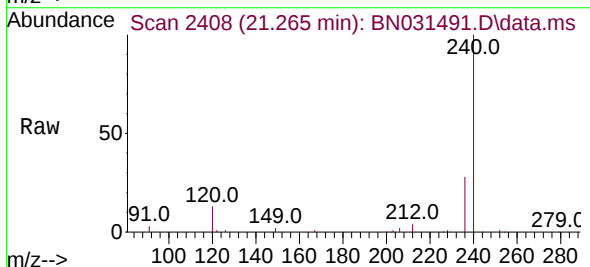
Instrument :  
BNA\_N  
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RMW-04B-92.5-050924

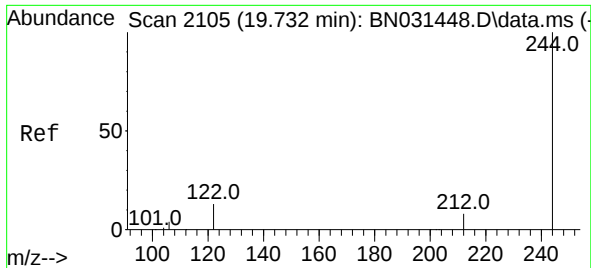
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Ion Ratio Lower Upper  
212 100  
106 16.1 12.0 18.0  
104 9.1 6.9 10.3



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.265 min Scan# 2408  
Delta R.T. -0.009 min  
Lab File: BN031491.D  
Acq: 11 May 2024 10:01

Tgt Ion:240 Resp: 39640  
Ion Ratio Lower Upper  
240 100  
120 13.2 11.4 17.2  
236 27.6 22.2 33.4

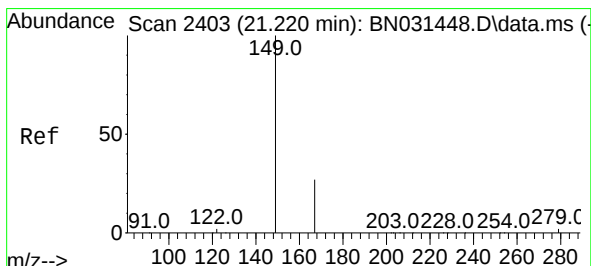
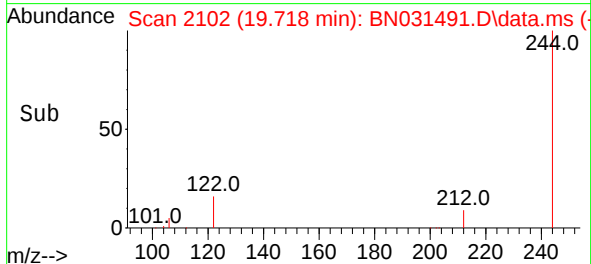
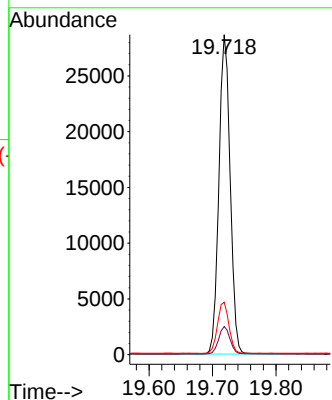
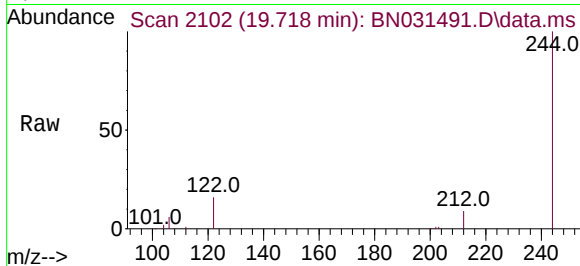




#31  
 Terphenyl-d14  
 Concen: 0.364 ng  
 RT: 19.718 min Scan# 2105  
 Delta R.T. -0.014 min  
 Lab File: BN031491.D  
 Acq: 11 May 2024 10:01

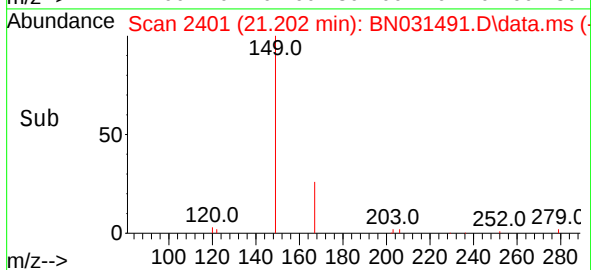
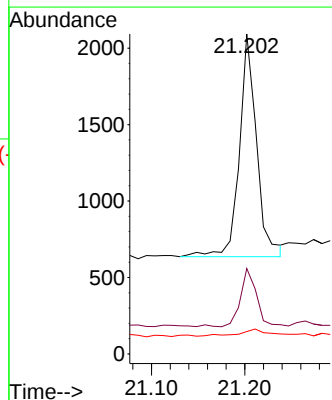
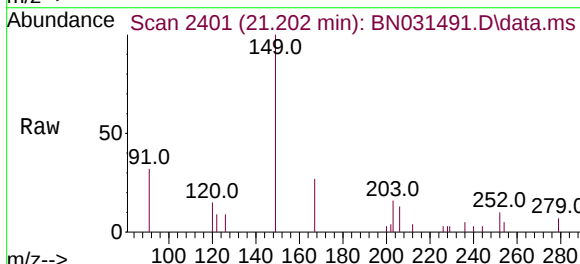
Instrument :  
 BNA\_N  
 ClientSampleId :  
 RMW-04B-92.5-050924

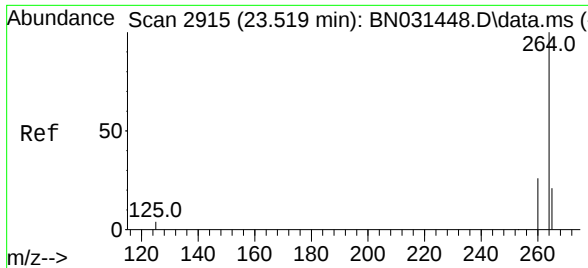
Tgt Ion:244 Resp: 35258  
 Ion Ratio Lower Upper  
 244 100  
 212 8.8 6.5 9.7  
 122 16.4 11.4 17.2



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.021 ng  
 RT: 21.202 min Scan# 2401  
 Delta R.T. -0.018 min  
 Lab File: BN031491.D  
 Acq: 11 May 2024 10:01

Tgt Ion:149 Resp: 1877  
 Ion Ratio Lower Upper  
 149 100  
 167 24.3 22.1 33.1  
 279 6.4 2.7 4.1#





#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.502 min Scan# 2909  
Delta R.T. -0.018 min  
Lab File: BN031491.D  
Acq: 11 May 2024 10:01

Instrument :  
BNA\_N  
ClientSampleId :  
RMW-04B-92.5-050924

Tgt Ion:264 Resp: 32563  
Ion Ratio Lower Upper  
264 100  
260 25.9 20.6 31.0  
265 37.2 24.0 36.0#

