

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092624\  
 Data File : BN034272.D  
 Acq On : 27 Sep 2024 09:46  
 Operator : RC/JU  
 Sample : P4164-14  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Sep 27 10:57:19 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN091924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 26 14:44:02 2024  
 Response via : Initial Calibration

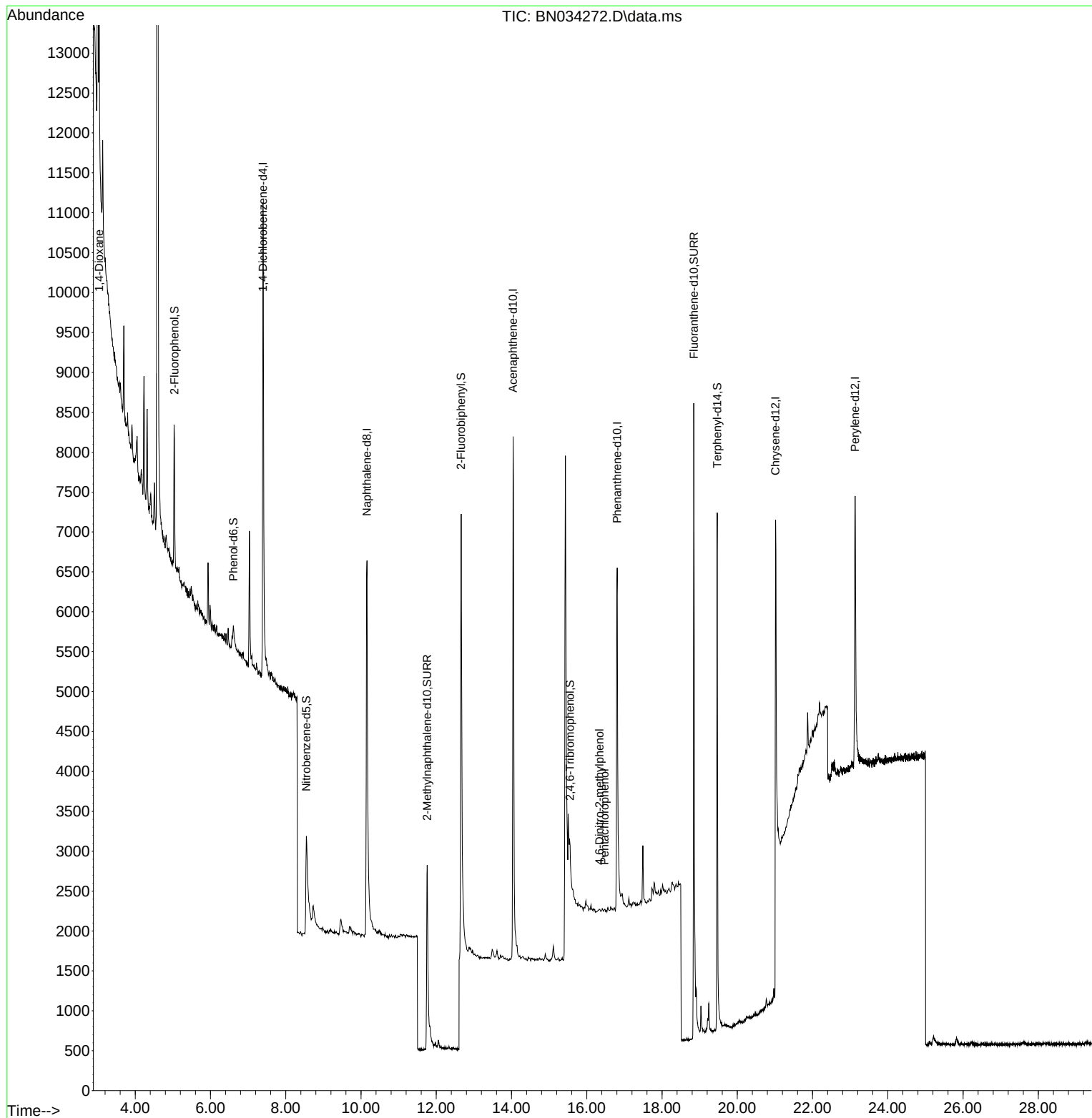
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.394  | 152  | 3563     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.159 | 136  | 9553     | 0.400 | ng    | # 0.01   |
| 13) Acenaphthene-d10          | 14.040 | 164  | 4856     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.808 | 188  | 8775     | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.017 | 240  | 6011     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.130 | 264  | 5391     | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.040  | 112  | 1396     | 0.138 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.607  | 99   | 510      | 0.043 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.546  | 82   | 2154     | 0.295 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 11.757 | 152  | 5011     | 0.355 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.555 | 330  | 284      | 0.129 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.661 | 172  | 7268     | 0.368 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 18.843 | 212  | 10428    | 0.471 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.466 | 244  | 6965     | 0.580 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.039  | 88   | 1278     | 0.287 | ng    | # 19     |
| 20) 4,6-Dinitro-2-methylph... | 16.337 | 198  | 5        | 0.141 | ng    | # 1      |
| 24) Pentachlorophenol         | 16.473 | 266  | 45       | 0.025 | ng    | # 80     |
| -----                         |        |      |          |       |       |          |

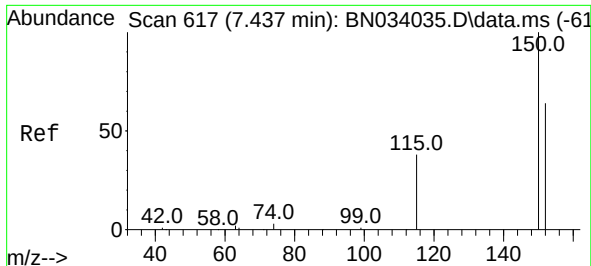
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092624\  
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ALS Vial : 26 Sample Multiplier: 1

Instrument :  
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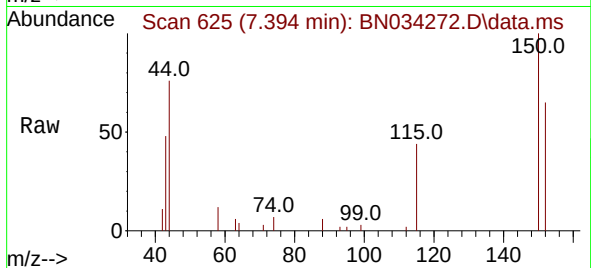
Quant Time: Sep 27 10:57:19 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN091924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 26 14:44:02 2024  
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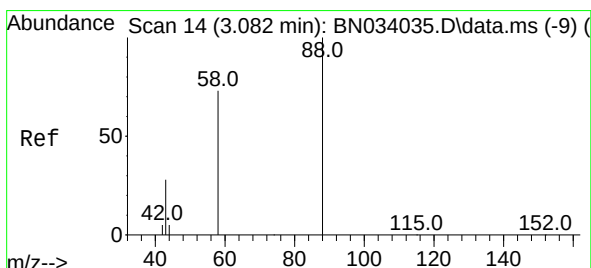
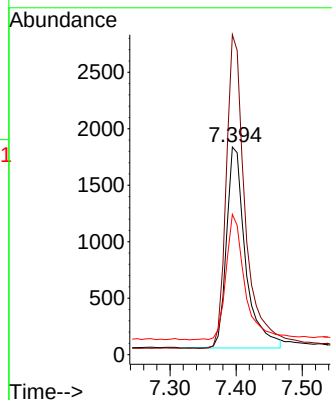
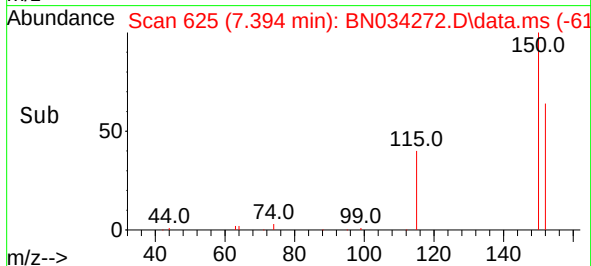


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.394 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BN034272.D  
Acq: 27 Sep 2024 09:46

Instrument :  
BNA\_N  
ClientSampleId :

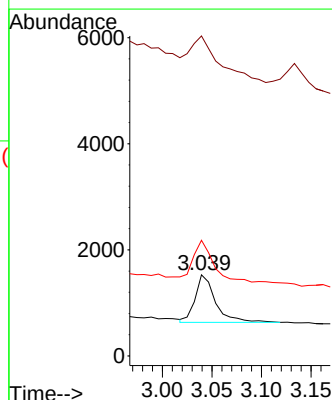
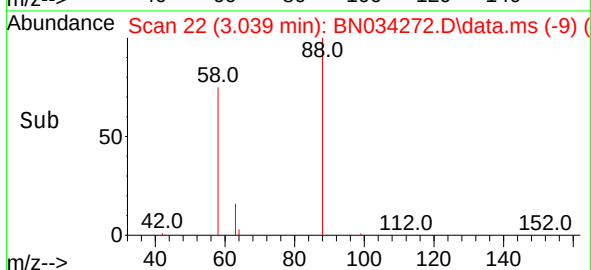
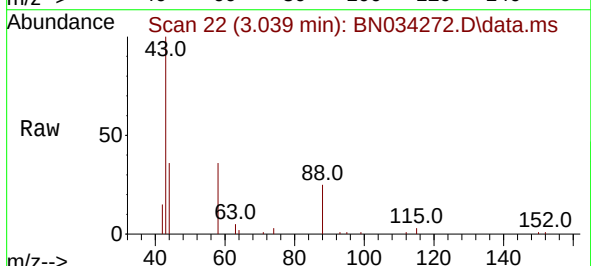


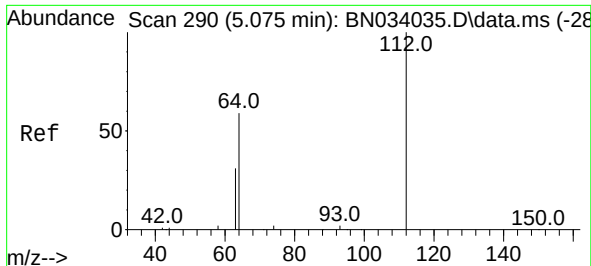
Tgt Ion:152 Resp: 3563  
Ion Ratio Lower Upper  
152 100  
150 154.1 124.6 187.0  
115 67.6 50.0 75.0



#2  
1,4-Dioxane  
Concen: 0.287 ng  
RT: 3.039 min Scan# 22  
Delta R.T. -0.007 min  
Lab File: BN034272.D  
Acq: 27 Sep 2024 09:46

Tgt Ion: 88 Resp: 1278  
Ion Ratio Lower Upper  
88 100  
43 145.1 25.8 38.8#  
58 96.6 58.8 88.2#

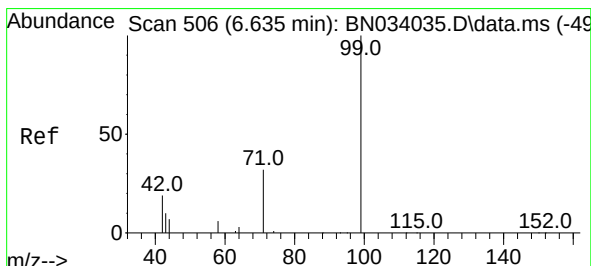
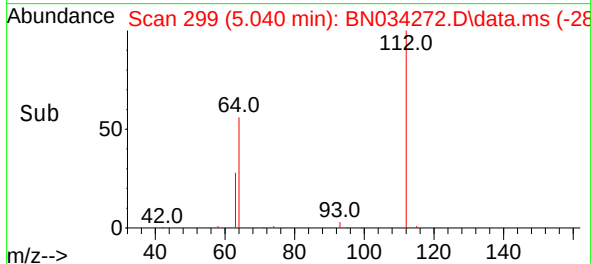
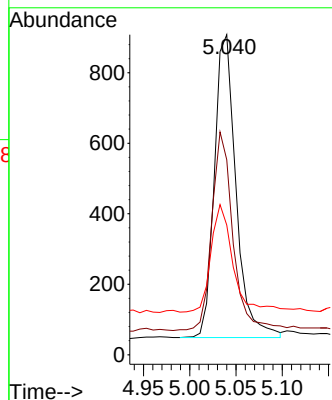
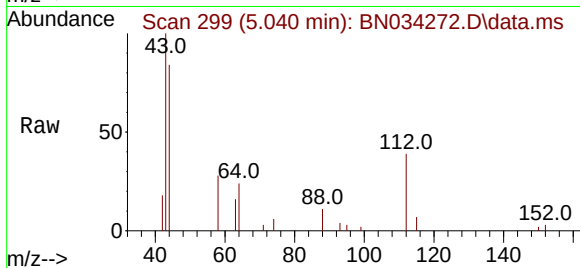




#4  
2-Fluorophenol  
Concen: 0.138 ng  
RT: 5.040 min Scan# 20  
Delta R.T. 0.007 min  
Lab File: BN034272.D  
Acq: 27 Sep 2024 09:46

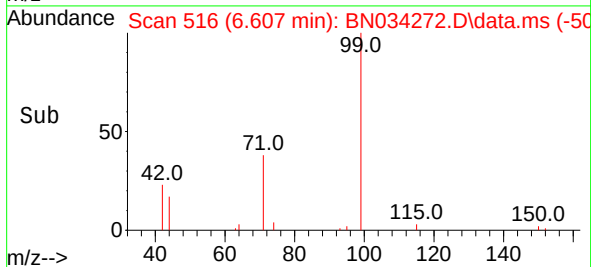
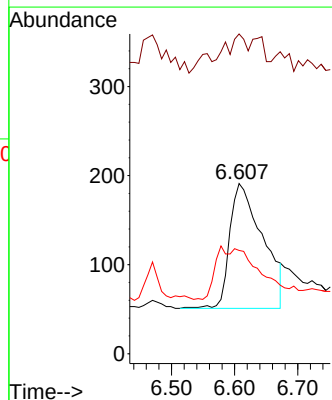
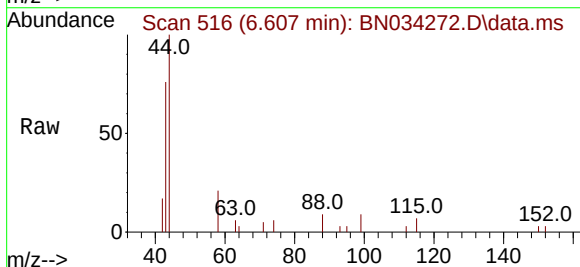
Instrument :  
BNA\_N  
ClientSampleId :

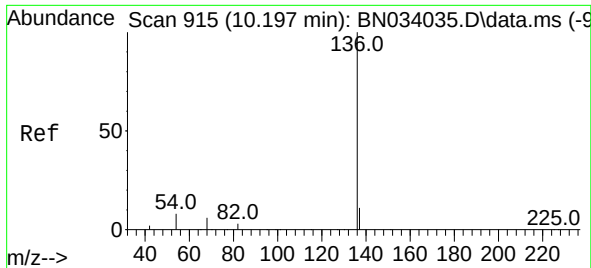
Tgt Ion:112 Resp: 1396  
Ion Ratio Lower Upper  
112 100  
64 64.1 48.6 72.8  
63 36.1 25.6 38.4



#5  
Phenol-d6  
Concen: 0.043 ng  
RT: 6.607 min Scan# 516  
Delta R.T. 0.007 min  
Lab File: BN034272.D  
Acq: 27 Sep 2024 09:46

Tgt Ion: 99 Resp: 510  
Ion Ratio Lower Upper  
99 100  
42 15.9 17.8 26.8#  
71 0.0 26.2 39.2#

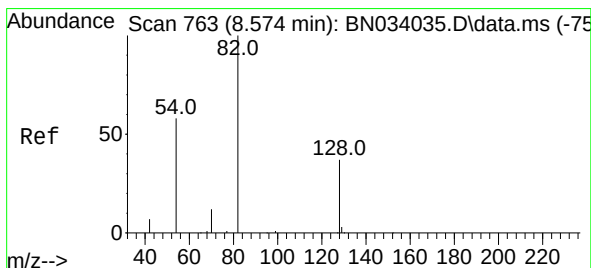
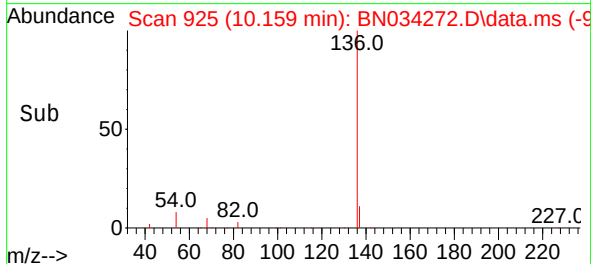
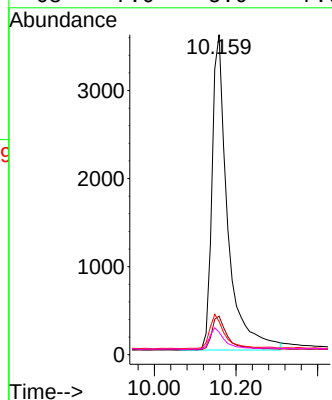
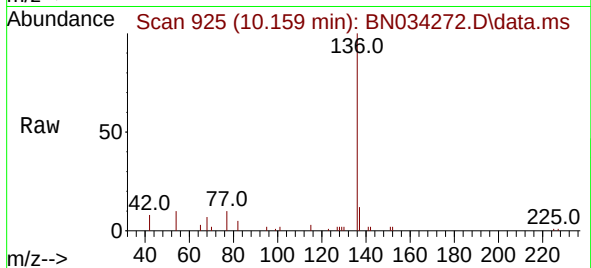




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.159 min Scan# 915  
Delta R.T. 0.011 min  
Lab File: BN034272.D  
Acq: 27 Sep 2024 09:46

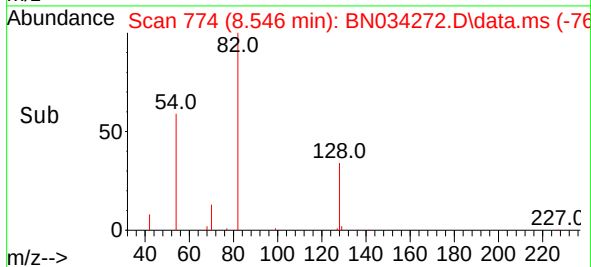
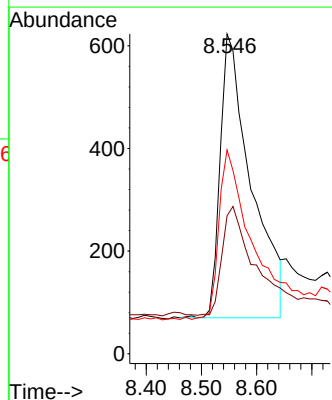
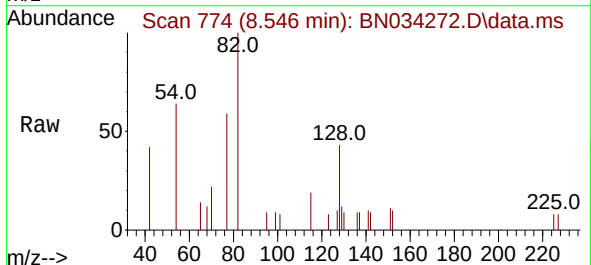
Instrument :  
BNA\_N  
ClientSampleId :

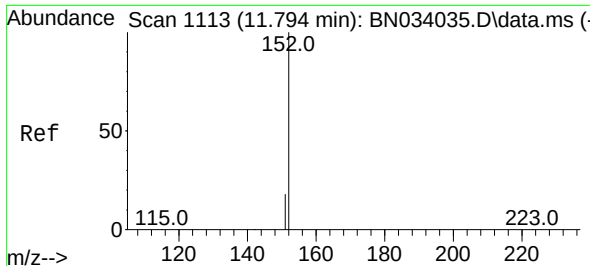
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 9553  |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 12.1  | 9.0   | 13.6  |
| 54        | 10.3  | 6.8   | 10.2# |
| 68        | 7.0   | 5.0   | 7.6   |



#8  
Nitrobenzene-d5  
Concen: 0.295 ng  
RT: 8.546 min Scan# 774  
Delta R.T. 0.011 min  
Lab File: BN034272.D  
Acq: 27 Sep 2024 09:46

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 2154 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 43.2  | 31.4  | 47.2 |
| 54        | 63.7  | 47.4  | 71.0 |

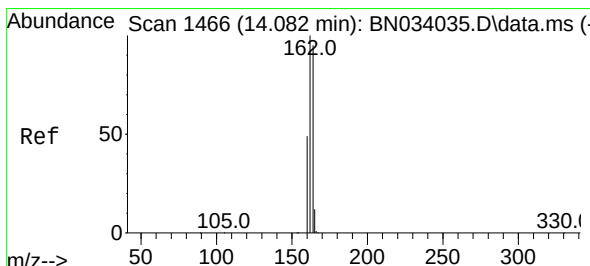
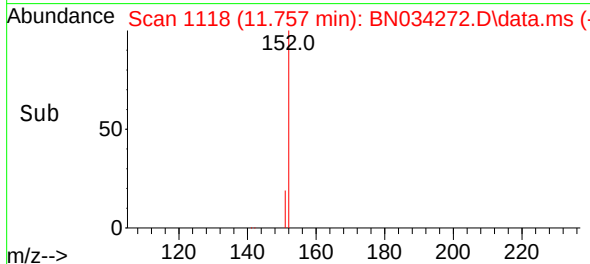
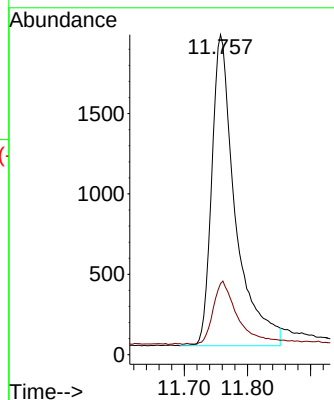
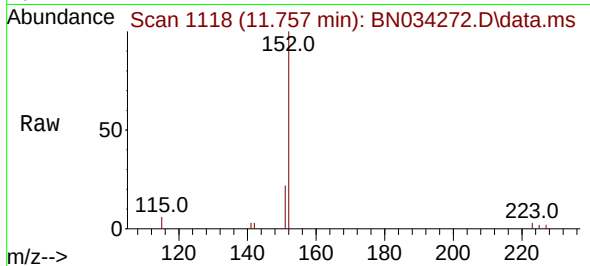




#11  
2-Methylnaphthalene-d10  
Concen: 0.355 ng  
RT: 11.757 min Scan# 1118  
Delta R.T. 0.004 min  
Lab File: BN034272.D  
Acq: 27 Sep 2024 09:46

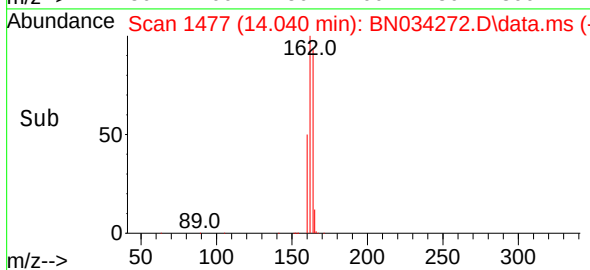
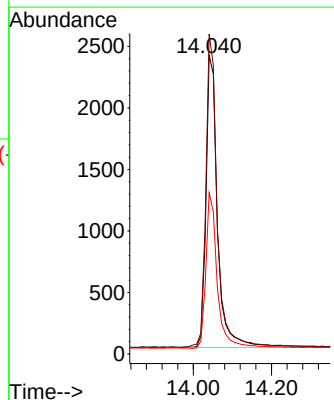
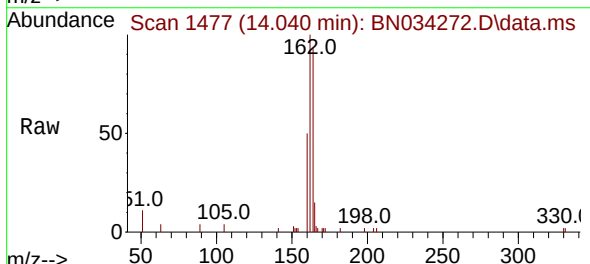
Instrument :  
BNA\_N  
ClientSampleId :

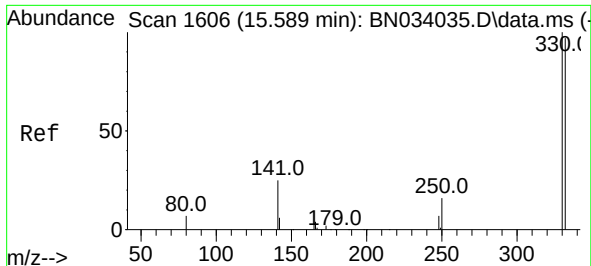
Tgt Ion:152 Resp: 5011  
Ion Ratio Lower Upper  
152 100  
151 21.1 16.8 25.2



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.040 min Scan# 1477  
Delta R.T. -0.007 min  
Lab File: BN034272.D  
Acq: 27 Sep 2024 09:46

Tgt Ion:164 Resp: 4856  
Ion Ratio Lower Upper  
164 100  
162 107.2 84.2 126.2  
160 54.0 41.7 62.5

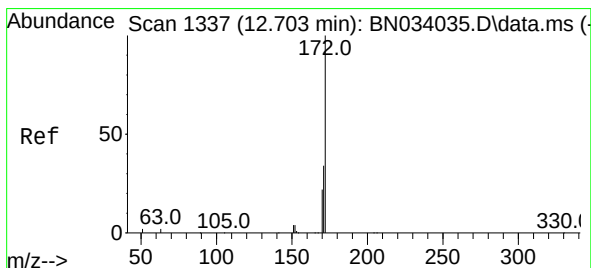
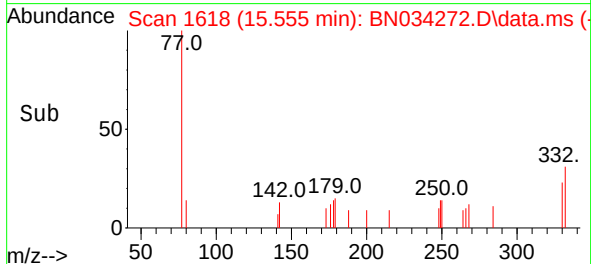
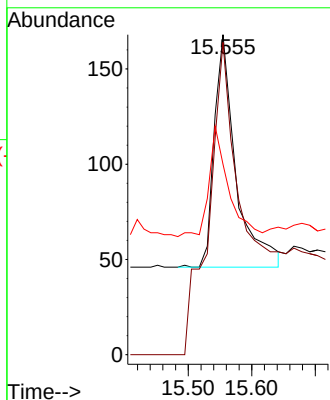
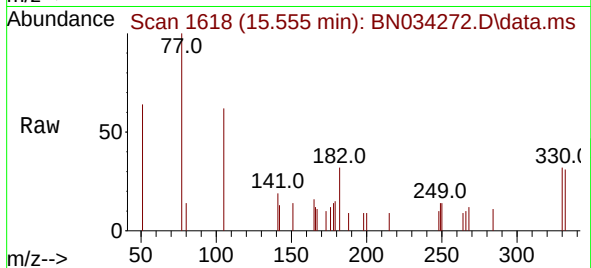




#14  
2,4,6-Tribromophenol  
Concen: 0.129 ng  
RT: 15.555 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BN034272.D  
Acq: 27 Sep 2024 09:46

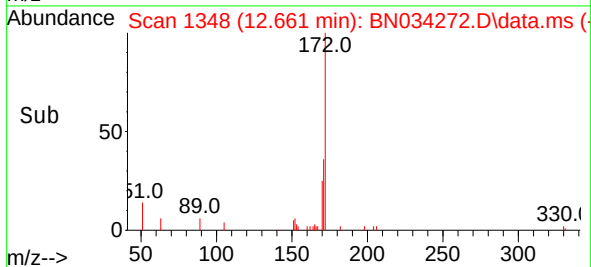
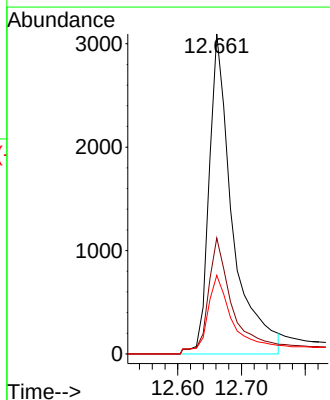
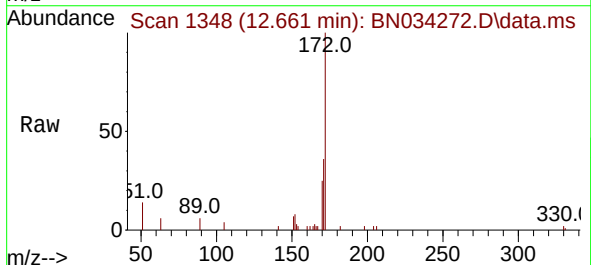
Instrument :  
BNA\_N  
ClientSampleId :

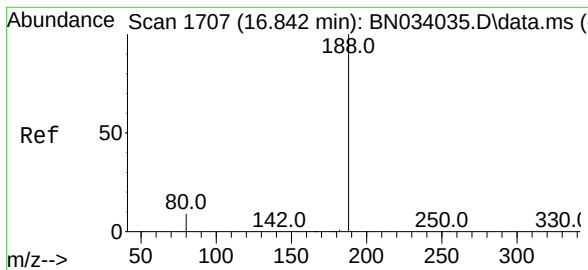
Tgt Ion:330 Resp: 284  
Ion Ratio Lower Upper  
330 100  
332 218.0 77.4 116.0#  
141 42.3 35.9 53.9



#15  
2-Fluorobiphenyl  
Concen: 0.368 ng  
RT: 12.661 min Scan# 1348  
Delta R.T. 0.004 min  
Lab File: BN034272.D  
Acq: 27 Sep 2024 09:46

Tgt Ion:172 Resp: 7268  
Ion Ratio Lower Upper  
172 100  
171 36.3 27.3 40.9  
170 24.5 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.808 min Scan# 1

Delta R.T. 0.006 min

Lab File: BN034272.D

Acq: 27 Sep 2024 09:46

Instrument :

BNA\_N

ClientSampleId :

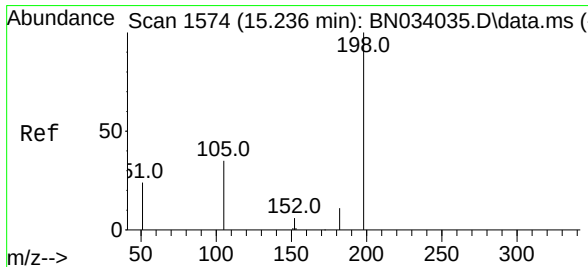
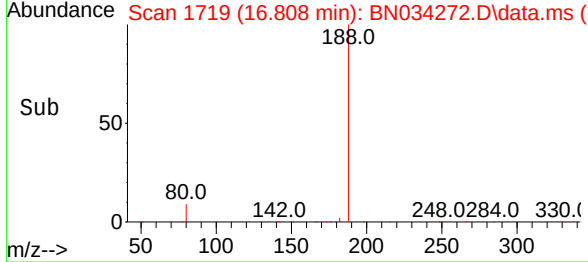
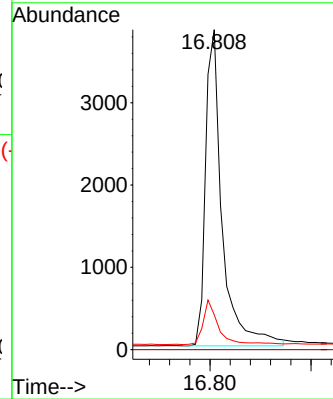
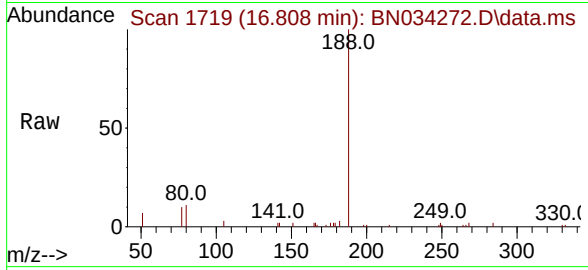
Tgt Ion:188 Resp: 8775

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.9 7.4 11.0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.141 ng

RT: 16.337 min Scan# 1681

Delta R.T. 0.030 min

Lab File: BN034272.D

Acq: 27 Sep 2024 09:46

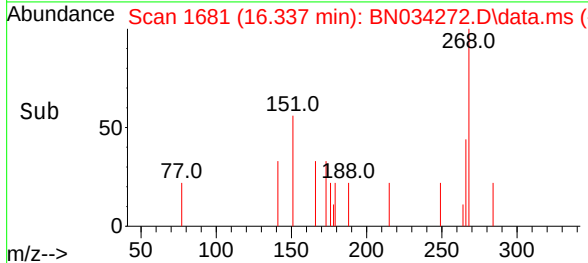
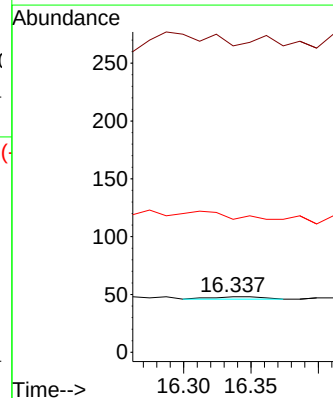
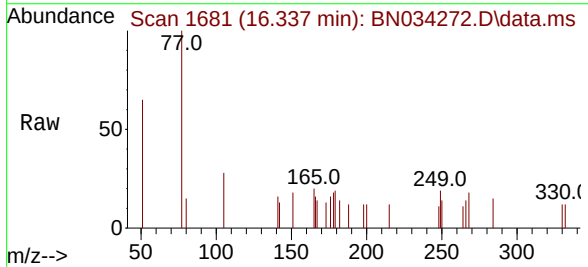
Tgt Ion:198 Resp: 5

Ion Ratio Lower Upper

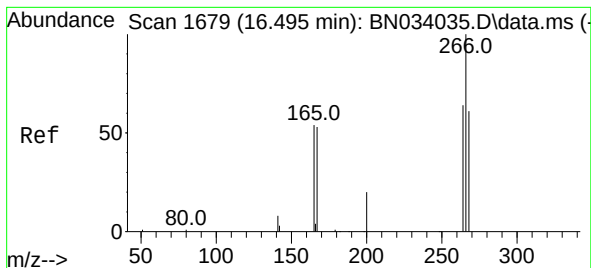
198 100

51 552.1 106.4 159.6#

105 239.6 38.5 57.7#







#24

Pentachlorophenol

Concen: 0.025 ng

RT: 16.473 min Scan# 1692

Delta R.T. 0.006 min

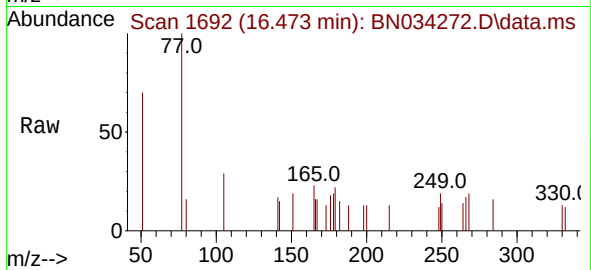
Lab File: BN034272.D

Acq: 27 Sep 2024 09:46

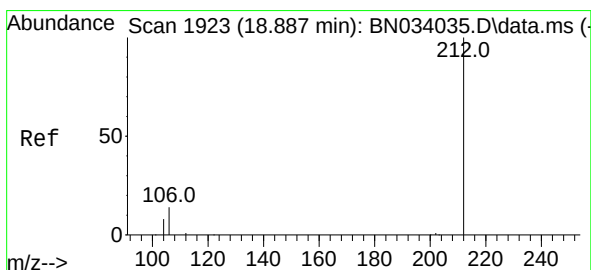
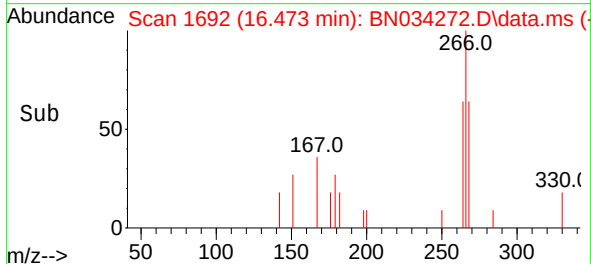
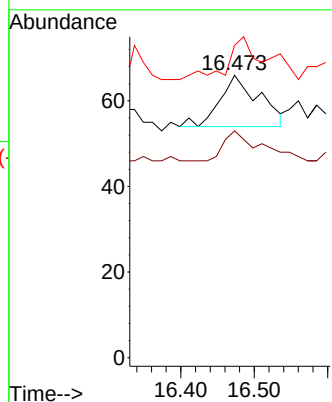
Instrument :

BNA\_N

ClientSampleId :



|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 266   | Resp: | 45   |
| Ion Ratio | Lower | Upper |      |
| 266       | 100   |       |      |
| 264       | 55.6  | 50.2  | 75.2 |
| 268       | 40.0  | 51.0  | 76.4 |



#27

Fluoranthene-d10

Concen: 0.471 ng

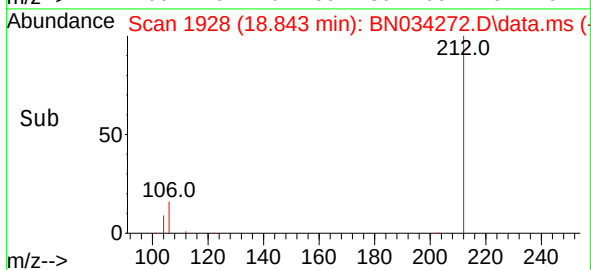
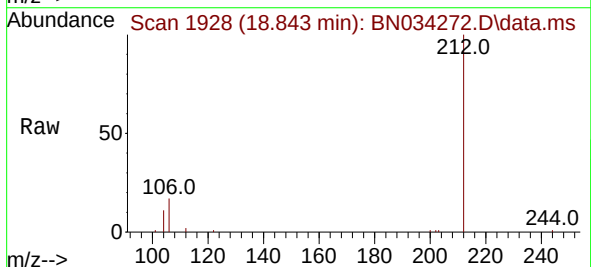
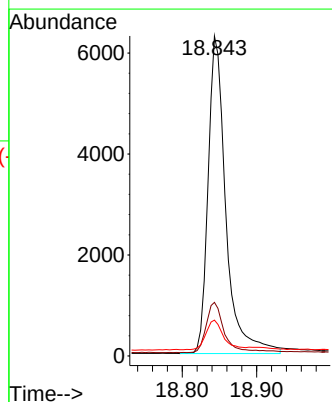
RT: 18.843 min Scan# 1928

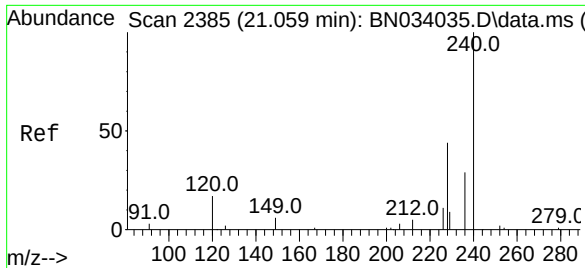
Delta R.T. -0.002 min

Lab File: BN034272.D

Acq: 27 Sep 2024 09:46

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 212   | Resp: | 10428 |
| Ion Ratio | Lower | Upper |       |
| 212       | 100   |       |       |
| 106       | 16.1  | 13.4  | 20.2  |
| 104       | 9.1   | 7.8   | 11.6  |

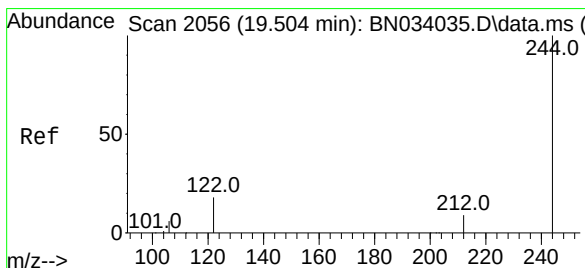
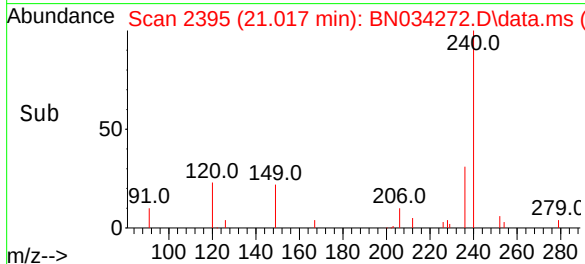
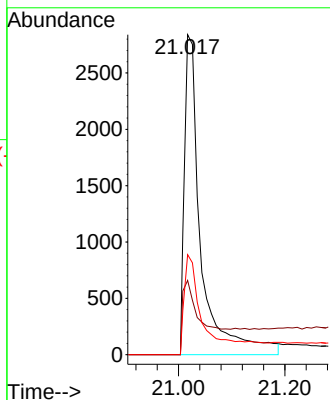
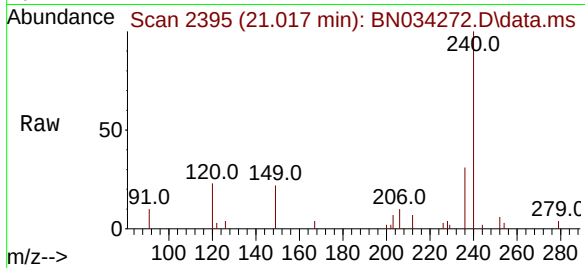




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.017 min Scan# 24  
Delta R.T. 0.002 min  
Lab File: BN034272.D  
Acq: 27 Sep 2024 09:46

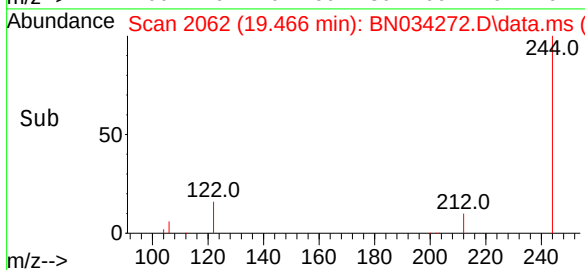
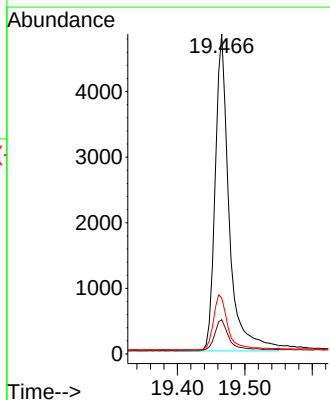
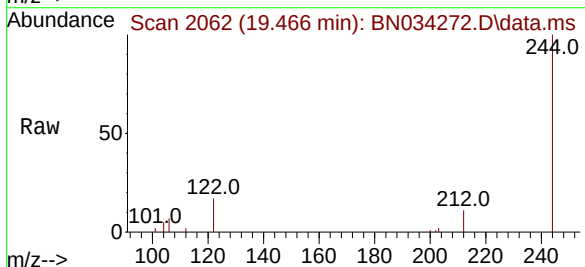
Instrument :  
BNA\_N  
ClientSampleId :

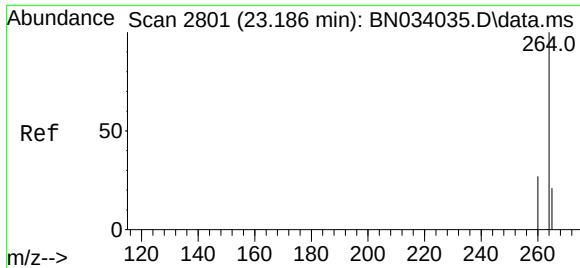
Tgt Ion:240 Resp: 6011  
Ion Ratio Lower Upper  
240 100  
120 23.2 13.5 20.3#  
236 31.3 23.4 35.0



#31  
Terphenyl-d14  
Concen: 0.580 ng  
RT: 19.466 min Scan# 2062  
Delta R.T. -0.002 min  
Lab File: BN034272.D  
Acq: 27 Sep 2024 09:46

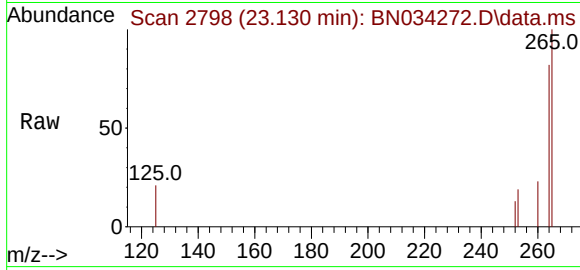
Tgt Ion:244 Resp: 6965  
Ion Ratio Lower Upper  
244 100  
212 10.7 7.8 11.6  
122 17.5 14.8 22.2





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.130 min Scan# 21  
 Delta R.T. 0.002 min  
 Lab File: BN034272.D  
 Acq: 27 Sep 2024 09:46

Instrument :  
 BNA\_N  
 ClientSampleId :



Tgt Ion:264 Resp: 5391  
 Ion Ratio Lower Upper  
 264 100  
 260 27.6 21.7 32.5  
 265 121.4 52.1 78.1#

