

Data Path : C:\Users\eUser\Desktop\ZZZZ\  
 Data File : BN034737.D  
 Acq On : 26 Oct 2024 12:05  
 Operator : RC/JU  
 Sample : P4550-02RE  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 VPB190-HYD-20241023RE

Quant Time: Oct 28 01:18:14 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN102424.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 28 00:44:15 2024  
 Response via : Initial Calibration

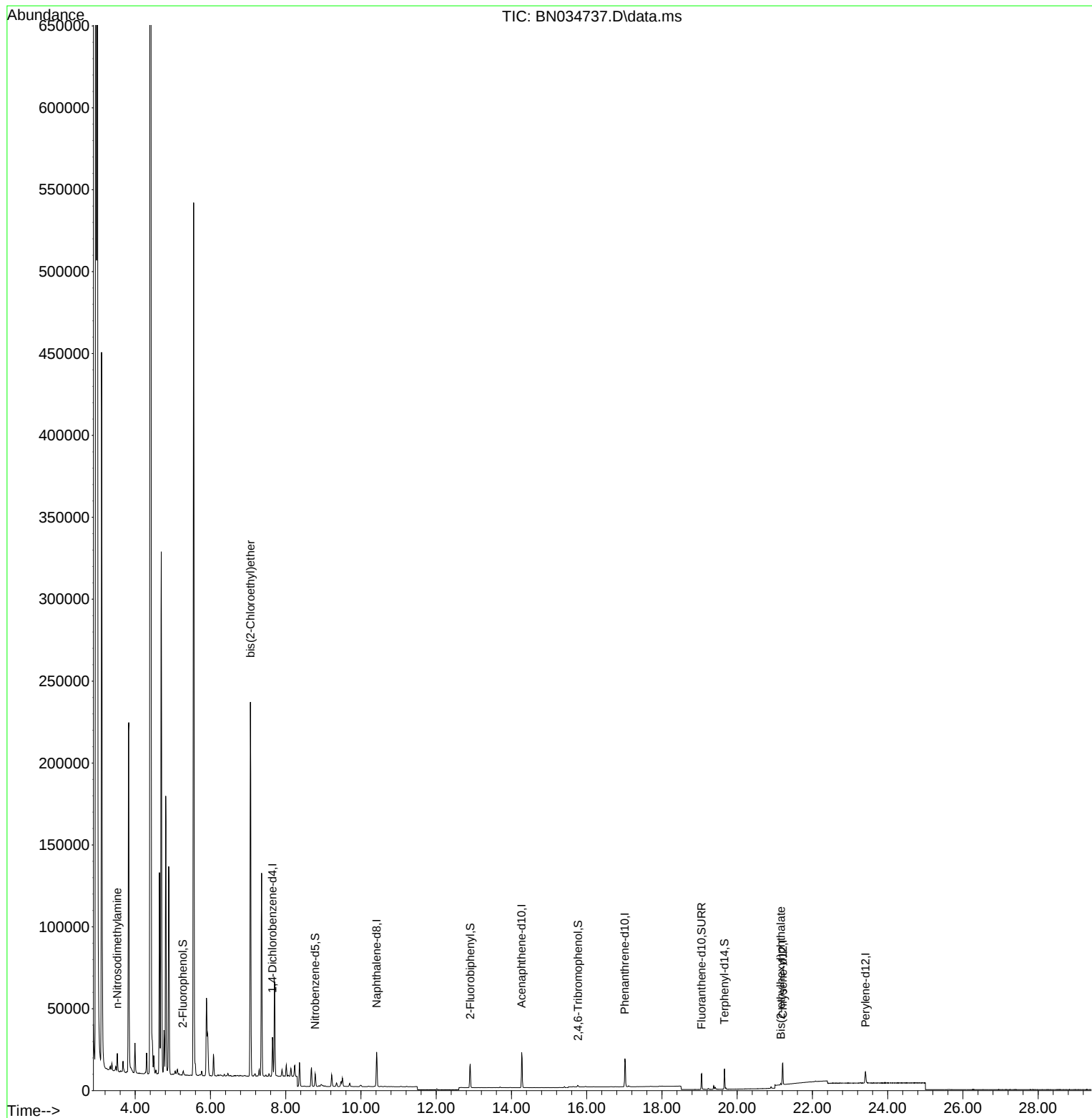
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.647  | 152  | 9064     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.415 | 136  | 26031    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.272 | 164  | 12214    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.014 | 188  | 23563    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.212 | 240  | 11935    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.409 | 264  | 8887     | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.264  | 112  | 542      | 0.020 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.802  | 99   | 24       | 0.001 | ng    | -0.02    |
| 8) Nitrobenzene-d5            | 8.782  | 82   | 5691     | 0.261 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.014 | 152  | 697      | 0.019 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.773 | 330  | 509      | 0.135 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.904 | 172  | 12793    | 0.264 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.055 | 212  | 9594     | 0.181 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.663 | 244  | 9753     | 0.400 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 3) n-Nitrosodimethylamine     | 3.523  | 42   | 547      | 0.031 | ng    | # 1      |
| 6) bis(2-Chloroethyl)ether    | 7.062  | 93   | 124602   | 4.317 | ng    | # 36     |
| 34) Bis(2-ethylhexyl)phtha... | 21.158 | 149  | 930      | 0.036 | ng    | # 97     |
| -----                         |        |      |          |       |       |          |

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

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Instrument :  
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VPB190-HYD-20241023RE

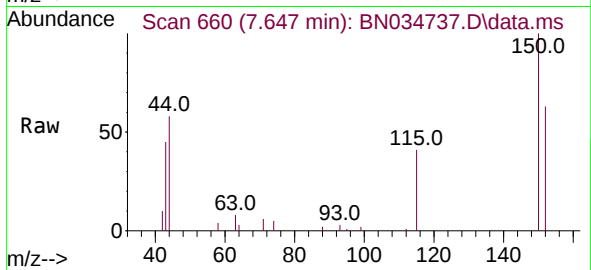
Quant Time: Oct 28 01:18:14 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN102424.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 28 00:44:15 2024  
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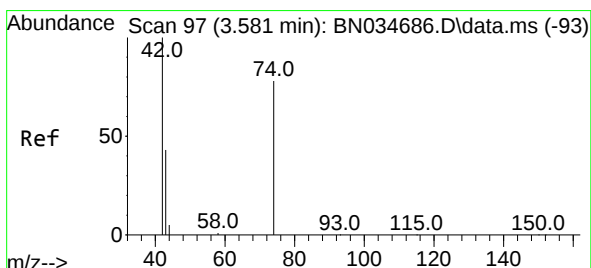
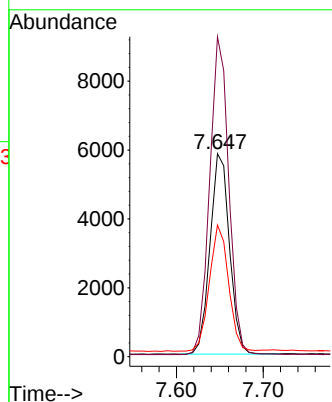
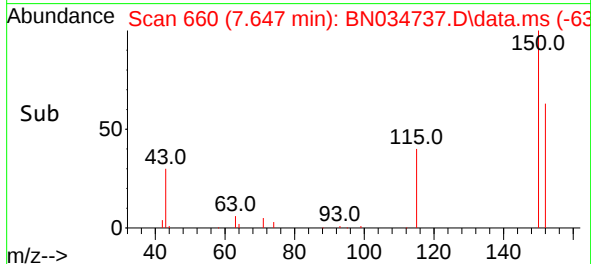


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.647 min Scan# 60  
Delta R.T. 0.000 min  
Lab File: BN034737.D  
Acq: 26 Oct 2024 12:05

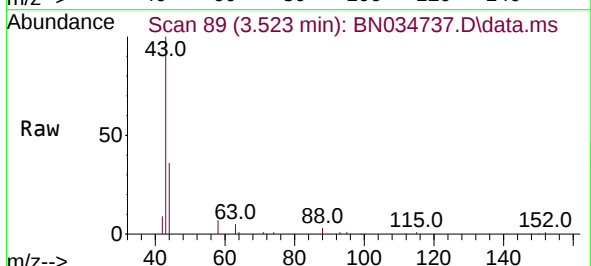
Instrument :  
BNA\_N  
ClientSampleId :  
VPB190-HYD-20241023RE



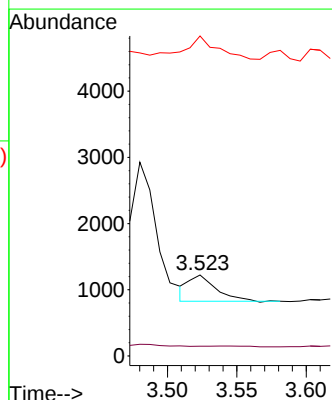
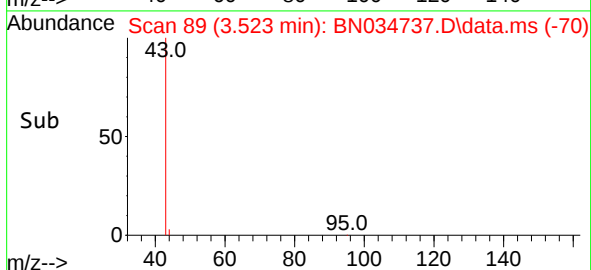
Tgt Ion:152 Resp: 9064  
Ion Ratio Lower Upper  
152 100  
150 157.6 122.7 184.1  
115 64.9 51.0 76.6

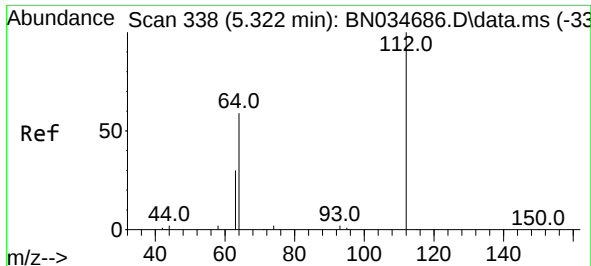


#3  
n-Nitrosodimethylamine  
Concen: 0.031 ng  
RT: 3.523 min Scan# 89  
Delta R.T. -0.014 min  
Lab File: BN034737.D  
Acq: 26 Oct 2024 12:05



Tgt Ion: 42 Resp: 547  
Ion Ratio Lower Upper  
42 100  
74 0.0 77.2 115.8#  
44 107.3 13.4 20.2#

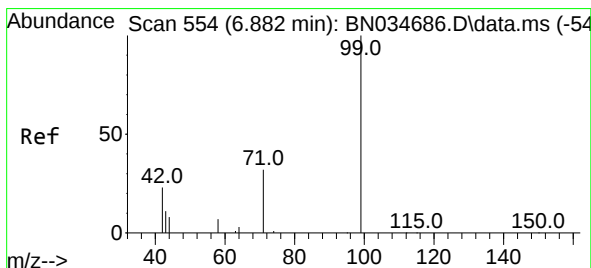
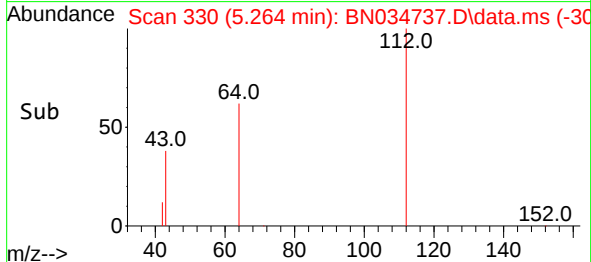
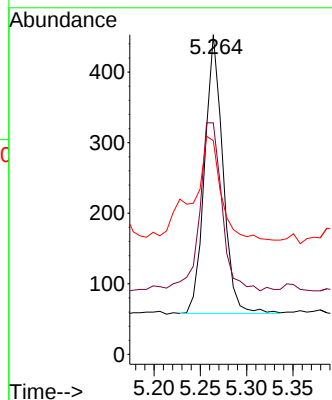
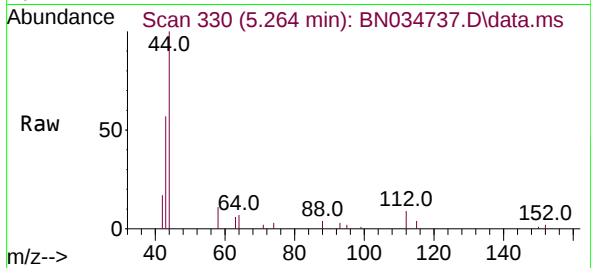




#4  
2-Fluorophenol  
Concen: 0.020 ng  
RT: 5.264 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: BN034737.D  
Acq: 26 Oct 2024 12:05

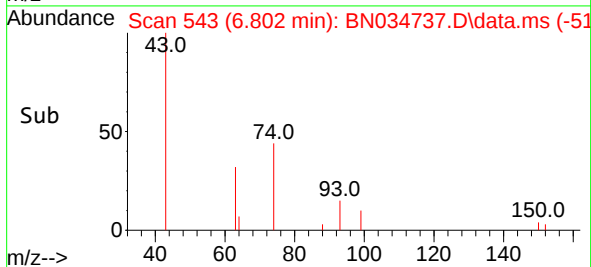
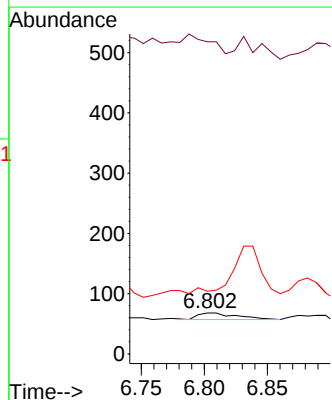
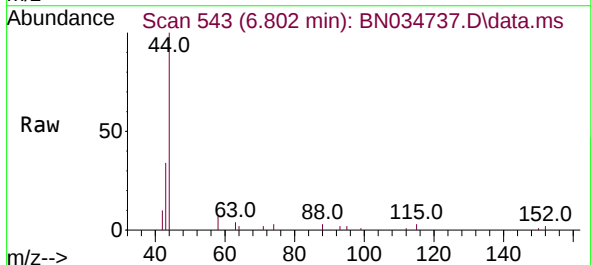
Instrument :  
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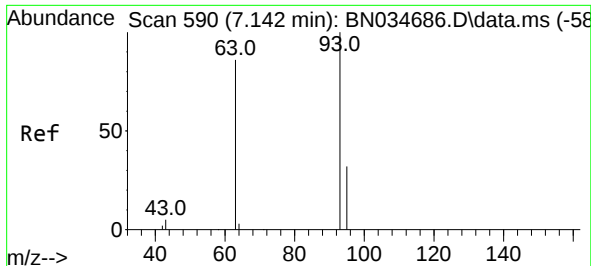
Tgt Ion:112 Resp: 542  
Ion Ratio Lower Upper  
112 100  
64 75.1 53.0 79.6  
63 60.0 27.6 41.4#



#5  
Phenol-d6  
Concen: 0.001 ng  
RT: 6.802 min Scan# 543  
Delta R.T. -0.021 min  
Lab File: BN034737.D  
Acq: 26 Oct 2024 12:05

Tgt Ion: 99 Resp: 24  
Ion Ratio Lower Upper  
99 100  
42 0.0 21.8 32.8#  
71 0.0 26.6 40.0#

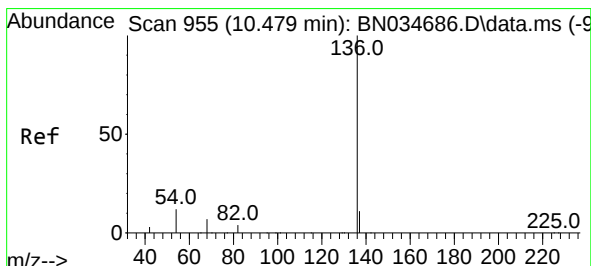
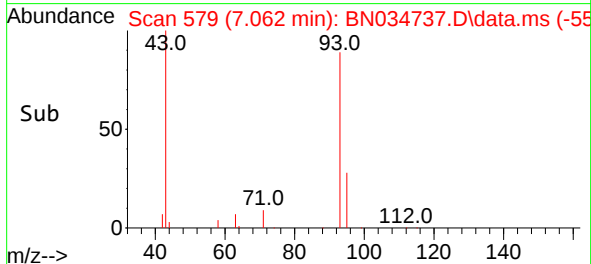
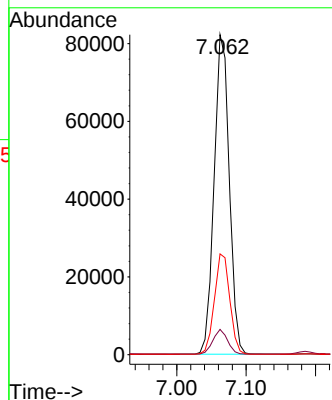
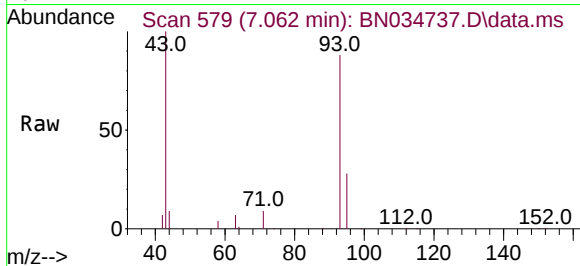




#6  
bis(2-Chloroethyl)ether  
Concen: 4.317 ng  
RT: 7.062 min Scan# 51  
Delta R.T. -0.021 min  
Lab File: BN034737.D  
Acq: 26 Oct 2024 12:05

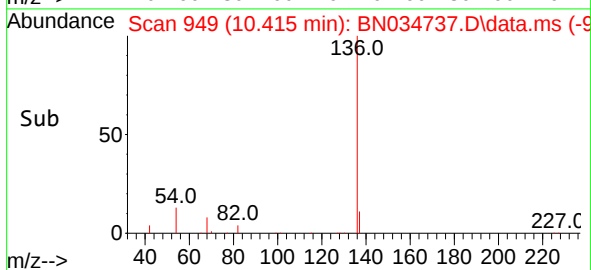
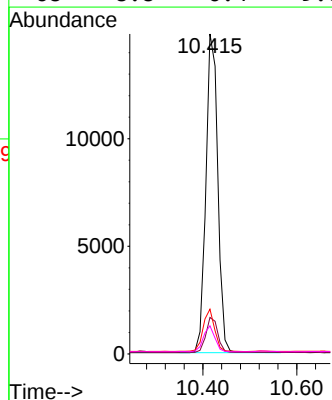
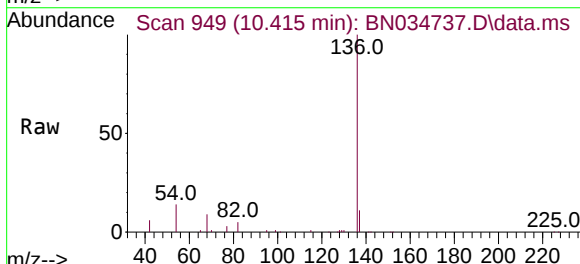
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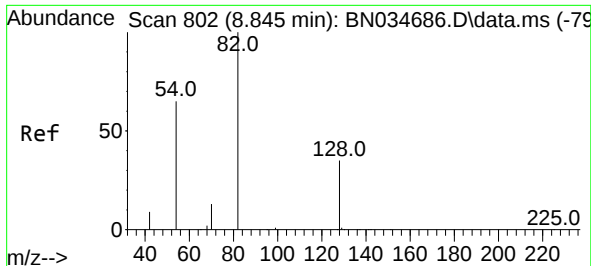
Tgt Ion: 93 Resp: 124602  
Ion Ratio Lower Upper  
93 100  
63 7.4 71.5 107.3#  
95 31.9 25.8 38.6



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.415 min Scan# 949  
Delta R.T. 0.000 min  
Lab File: BN034737.D  
Acq: 26 Oct 2024 12:05

Tgt Ion:136 Resp: 26031  
Ion Ratio Lower Upper  
136 100  
137 11.4 9.1 13.7  
54 14.0 9.8 14.8  
68 8.8 6.4 9.6

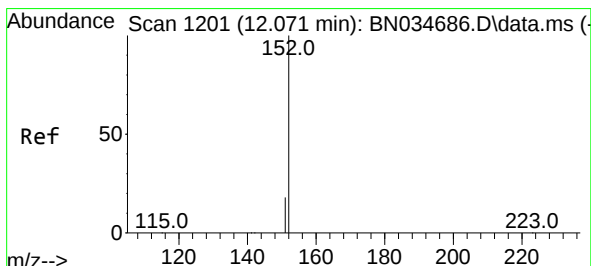
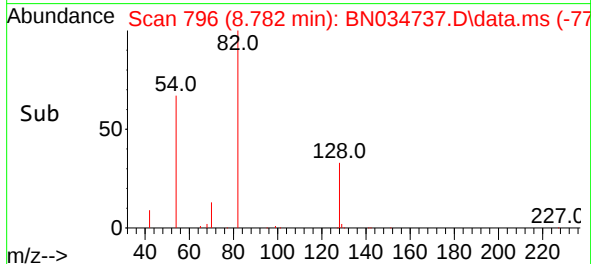
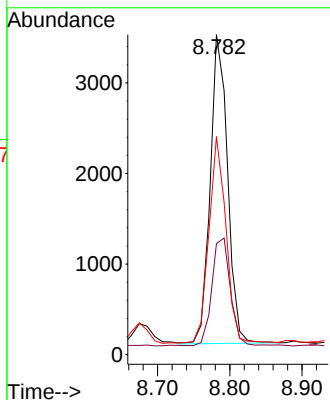
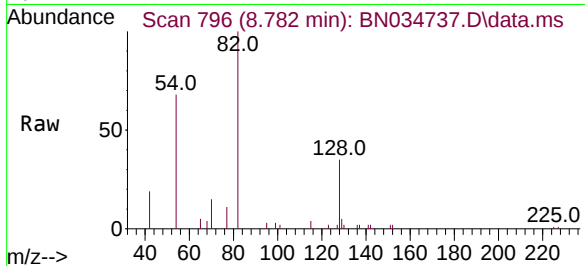




#8  
 Nitrobenzene-d5  
 Concen: 0.261 ng  
 RT: 8.782 min Scan# 796  
 Delta R.T. 0.000 min  
 Lab File: BN034737.D  
 Acq: 26 Oct 2024 12:05

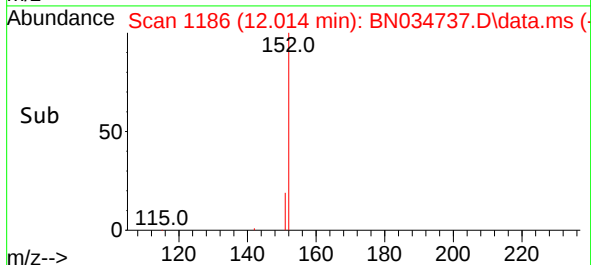
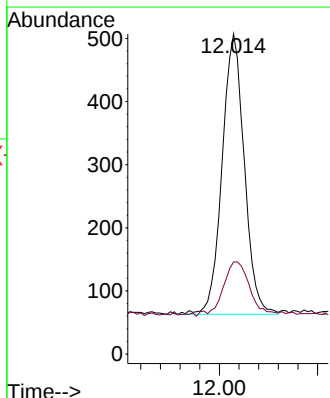
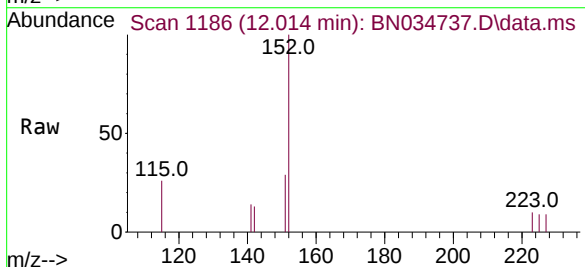
Instrument :  
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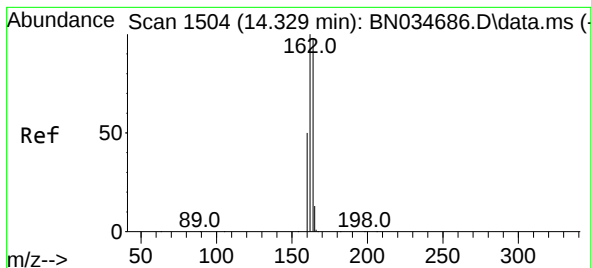
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 5691  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 34.7  | 29.7  | 44.5  |
| 54       | 68.1  | 53.0  | 79.6  |



#11  
 2-Methylnaphthalene-d10  
 Concen: 0.019 ng  
 RT: 12.014 min Scan# 1186  
 Delta R.T. 0.000 min  
 Lab File: BN034737.D  
 Acq: 26 Oct 2024 12:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 697   |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 21.4  | 16.7  | 25.1  |





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.272 min Scan# 14

Delta R.T. 0.000 min

Lab File: BN034737.D

Acq: 26 Oct 2024 12:05

Instrument :

BNA\_N

ClientSampleId :

VPB190-HYD-20241023RE

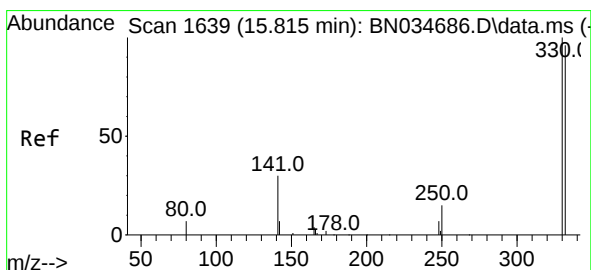
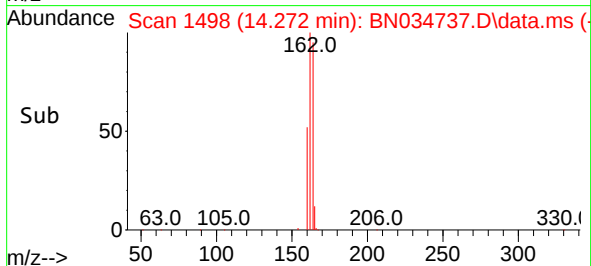
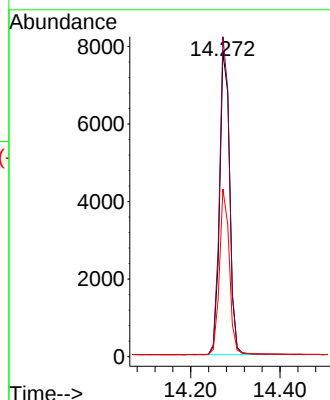
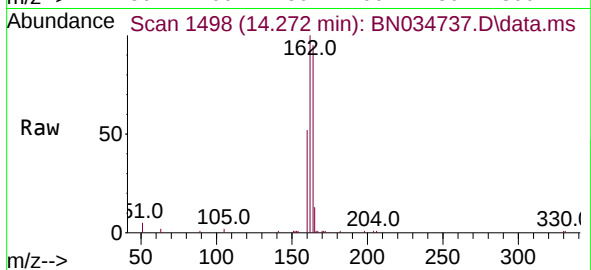
Tgt Ion:164 Resp: 12214

Ion Ratio Lower Upper

164 100

162 105.0 81.4 122.0

160 55.0 40.6 61.0



#14

2,4,6-Tribromophenol

Concen: 0.135 ng

RT: 15.773 min Scan# 1635

Delta R.T. 0.000 min

Lab File: BN034737.D

Acq: 26 Oct 2024 12:05

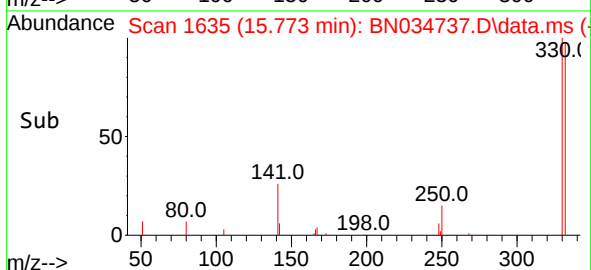
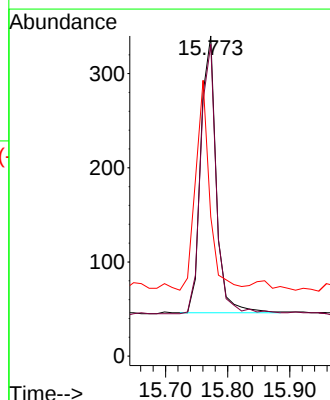
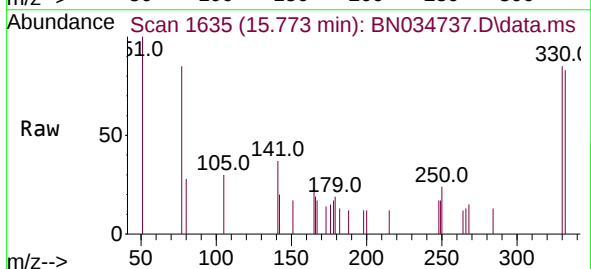
Tgt Ion:330 Resp: 509

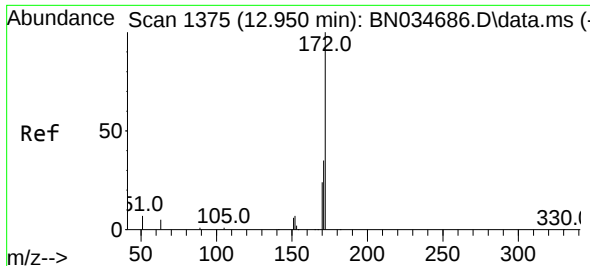
Ion Ratio Lower Upper

330 100

332 98.8 76.6 115.0

141 68.6 54.6 81.8

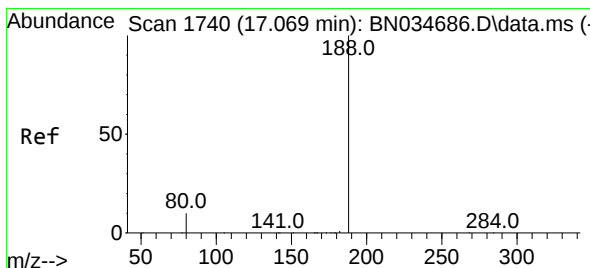
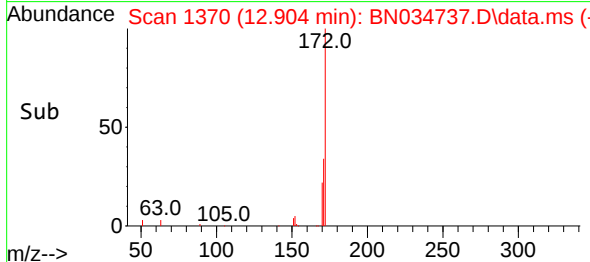
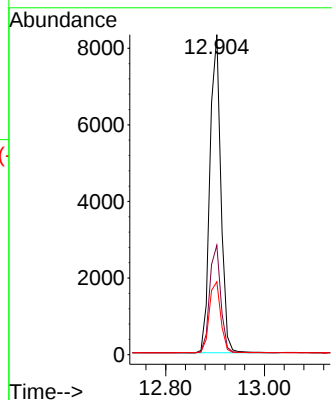
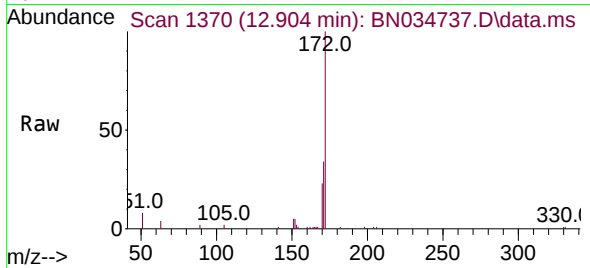




#15  
2-Fluorobiphenyl  
Concen: 0.264 ng  
RT: 12.904 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN034737.D  
Acq: 26 Oct 2024 12:05

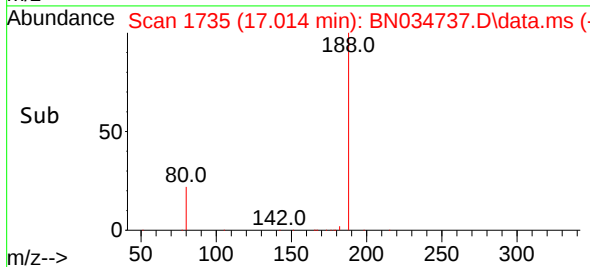
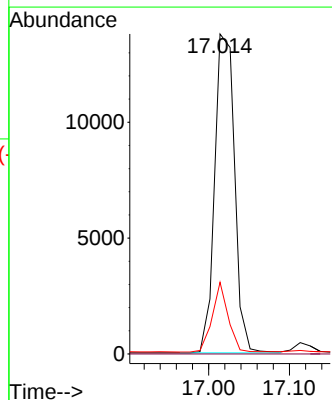
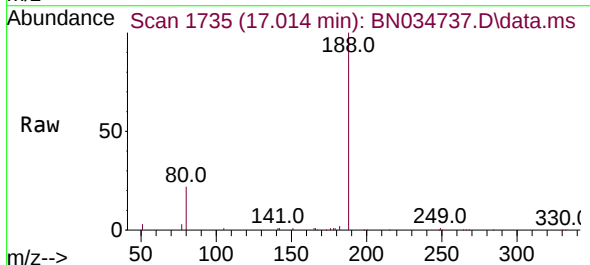
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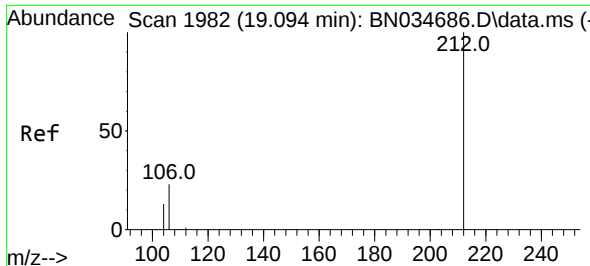
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|-------------|-------|-----------|
| Tgt Ion:172 | Resp: | 12793     |
| Ion Ratio   | Lower | Upper     |
| 172         | 100   |           |
| 171         | 34.2  | 28.3 42.5 |
| 170         | 22.8  | 19.8 29.6 |



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.014 min Scan# 1735  
Delta R.T. 0.000 min  
Lab File: BN034737.D  
Acq: 26 Oct 2024 12:05

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:188 | Resp: | 23563     |
| Ion Ratio   | Lower | Upper     |
| 188         | 100   |           |
| 94          | 0.0   | 0.0 0.0   |
| 80          | 22.4  | 8.9 13.3# |

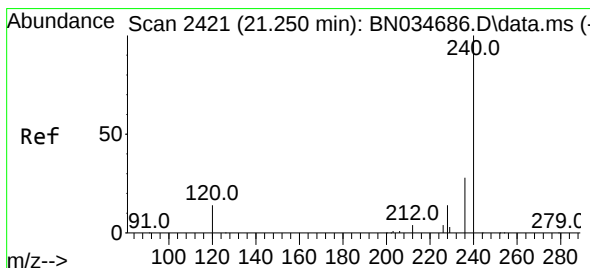
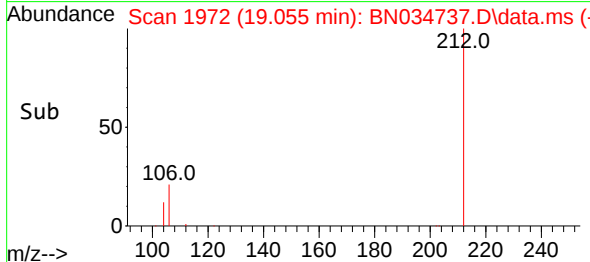
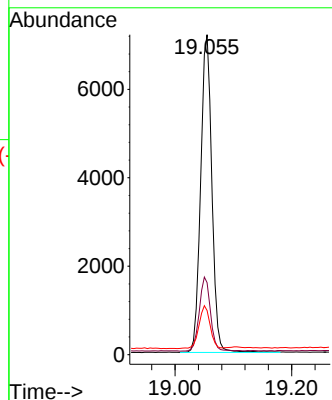
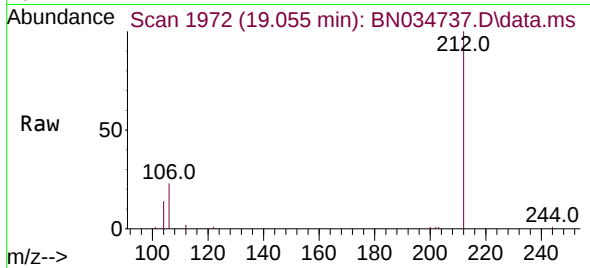




#27  
Fluoranthene-d10  
Concen: 0.181 ng  
RT: 19.055 min Scan# 1982  
Delta R.T. 0.000 min  
Lab File: BN034737.D  
Acq: 26 Oct 2024 12:05

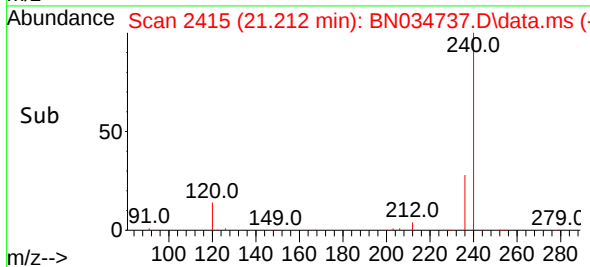
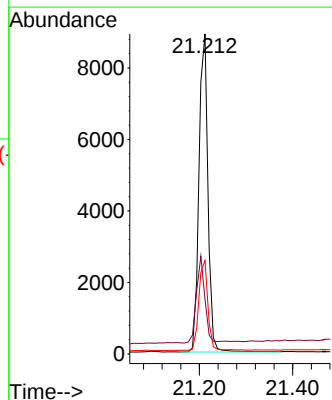
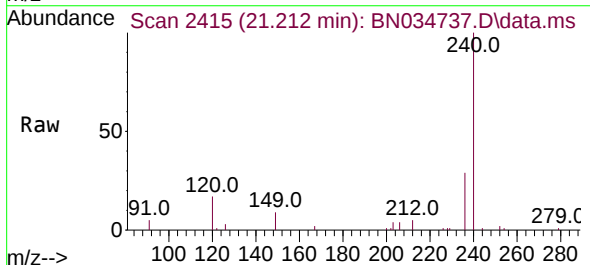
Instrument :  
BNA\_N  
ClientSampleId :  
VPB190-HYD-20241023RE

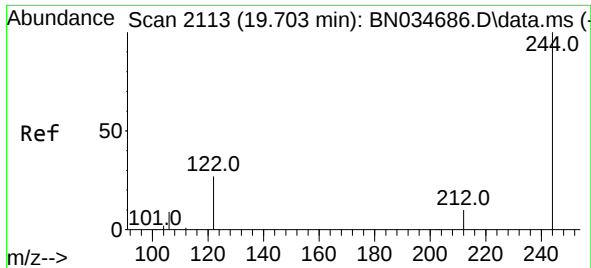
Tgt Ion:212 Resp: 9594  
Ion Ratio Lower Upper  
212 100  
106 23.2 17.8 26.8  
104 13.4 10.2 15.4



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.212 min Scan# 2415  
Delta R.T. 0.000 min  
Lab File: BN034737.D  
Acq: 26 Oct 2024 12:05

Tgt Ion:240 Resp: 11935  
Ion Ratio Lower Upper  
240 100  
120 17.1 14.2 21.2  
236 29.2 23.1 34.7

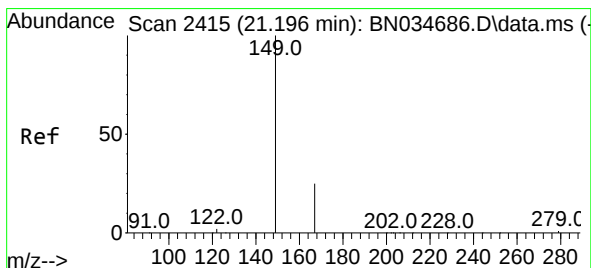
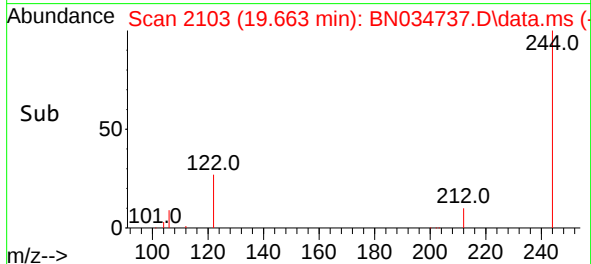
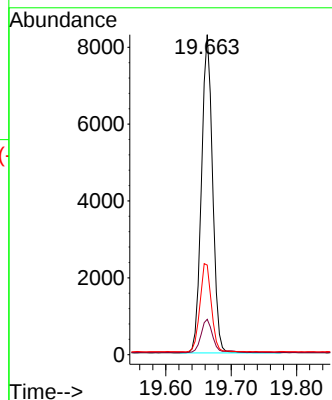
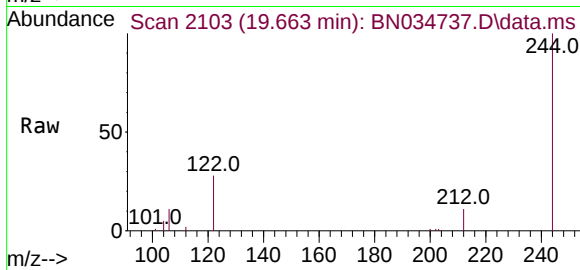




#31  
Terphenyl-d14  
Concen: 0.400 ng  
RT: 19.663 min Scan# 2113  
Delta R.T. 0.000 min  
Lab File: BN034737.D  
Acq: 26 Oct 2024 12:05

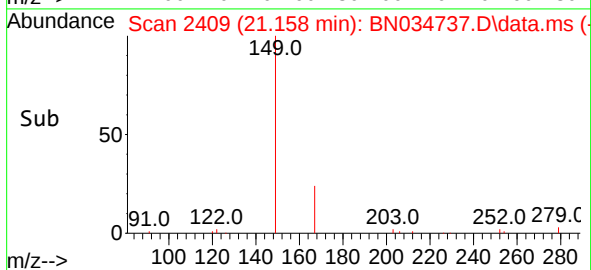
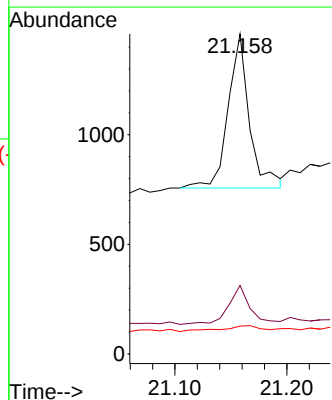
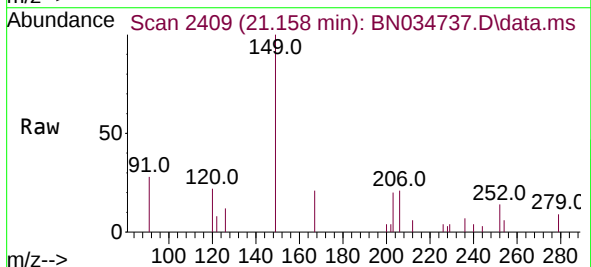
Instrument :  
BNA\_N  
ClientSampleId :  
VPB190-HYD-20241023RE

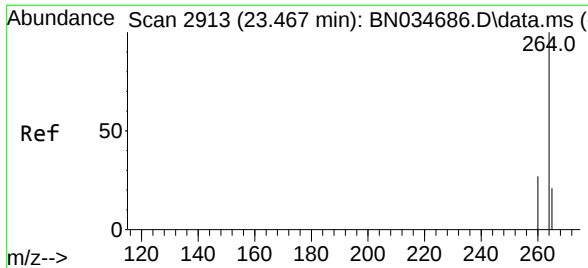
Tgt Ion:244 Resp: 9753  
Ion Ratio Lower Upper  
244 100  
212 11.0 8.6 13.0  
122 28.0 22.3 33.5



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.036 ng  
RT: 21.158 min Scan# 2409  
Delta R.T. 0.000 min  
Lab File: BN034737.D  
Acq: 26 Oct 2024 12:05

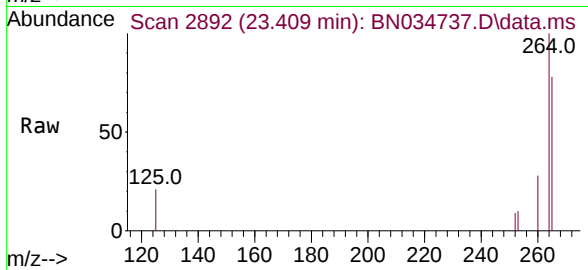
Tgt Ion:149 Resp: 930  
Ion Ratio Lower Upper  
149 100  
167 25.7 19.7 29.5  
279 7.0 1.8 2.6





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.409 min Scan# 21  
 Delta R.T. 0.003 min  
 Lab File: BN034737.D  
 Acq: 26 Oct 2024 12:05

Instrument :  
 BNA\_N  
 ClientSampleId :  
 VPB190-HYD-20241023RE



Tgt Ion:264 Resp: 8887

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 28.3  | 21.9  | 32.9  |
| 265 | 77.8  | 60.6  | 91.0  |

