

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN012025\  
 Data File : BN035992.D  
 Acq On : 20 Jan 2025 11:03  
 Operator : RC/JU  
 Sample : PB166108BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB166108BL

Quant Time: Jan 20 11:31:12 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN010225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 02 15:39:17 2025  
 Response via : Initial Calibration

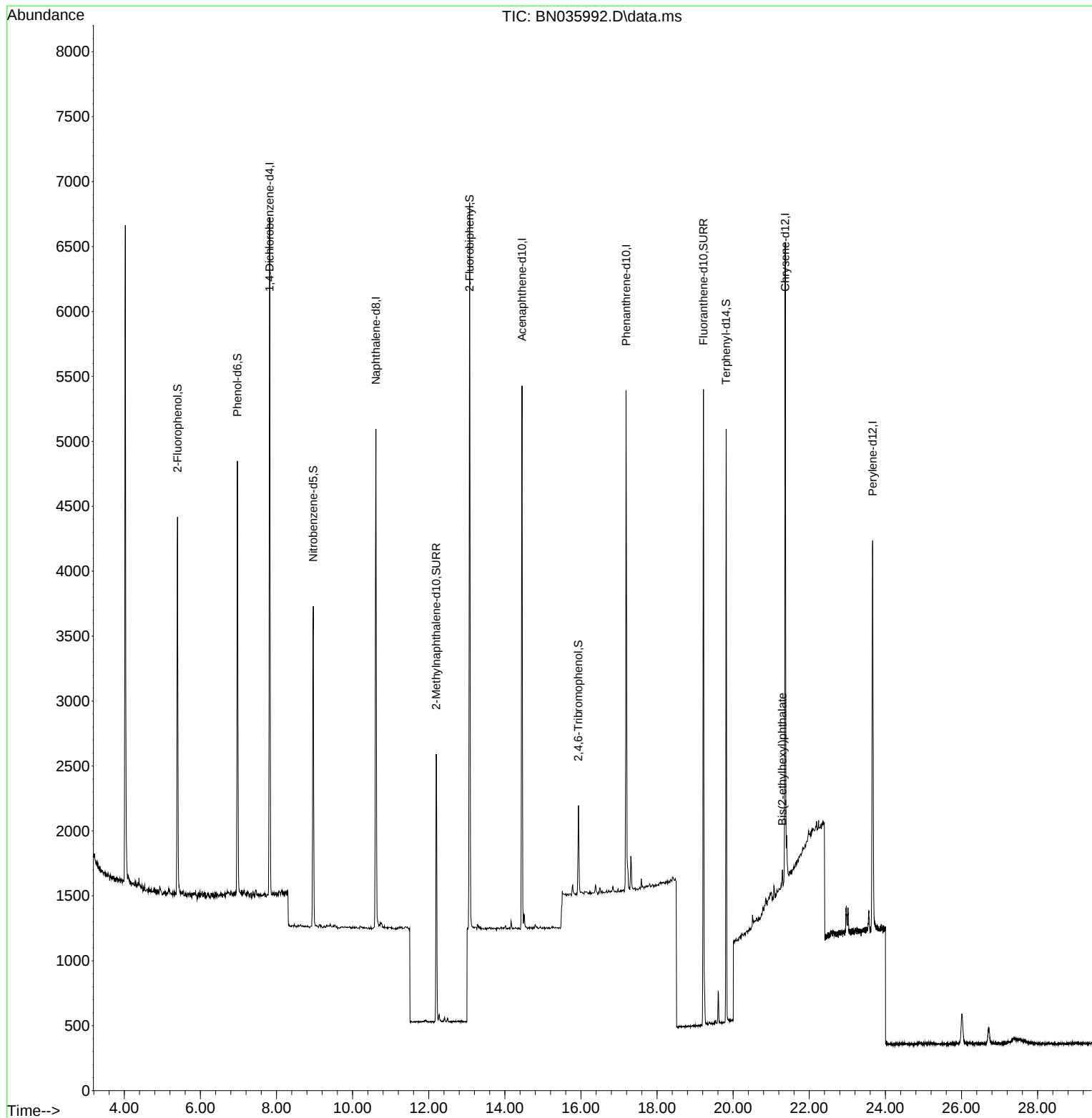
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.817  | 152  | 2441     | 0.400 | ng    | -0.02    |
| 7) Naphthalene-d8             | 10.611 | 136  | 4766     | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.452 | 164  | 2405     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.186 | 188  | 4916     | 0.400 | ng    | #-0.02   |
| 29) Chrysene-d12              | 21.367 | 240  | 4139     | 0.400 | ng    | -0.02    |
| 35) Perylene-d12              | 23.666 | 264  | 4174     | 0.400 | ng    | #-0.03   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.397  | 112  | 2193     | 0.366 | ng    | -0.01    |
| 5) Phenol-d6                  | 6.972  | 99   | 2602     | 0.350 | ng    | -0.01    |
| 8) Nitrobenzene-d5            | 8.966  | 82   | 1865     | 0.494 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.197 | 152  | 2795     | 0.438 | ng    | -0.02    |
| 14) 2,4,6-Tribromophenol      | 15.932 | 330  | 398      | 0.345 | ng    | -0.02    |
| 15) 2-Fluorobiphenyl          | 13.073 | 172  | 4524     | 0.429 | ng    | -0.02    |
| 27) Fluoranthene-d10          | 19.220 | 212  | 5493     | 0.450 | ng    | -0.02    |
| 31) Terphenyl-d14             | 19.815 | 244  | 4187     | 0.508 | ng    | -0.02    |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 34) Bis(2-ethylhexyl)phtha... | 21.295 | 149  | 119      | 0.020 | ng    | # 83     |
| -----                         |        |      |          |       |       |          |

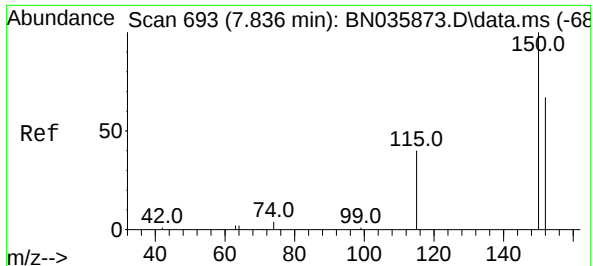
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN012025\  
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ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_N  
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PB166108BL

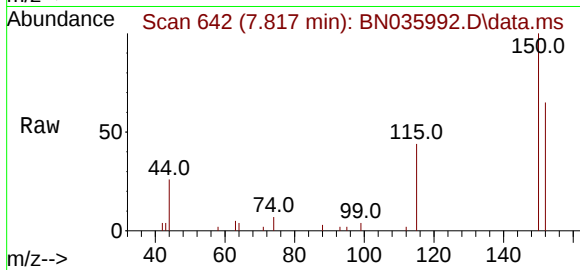
Quant Time: Jan 20 11:31:12 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN010225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jan 02 15:39:17 2025  
Response via : Initial Calibration



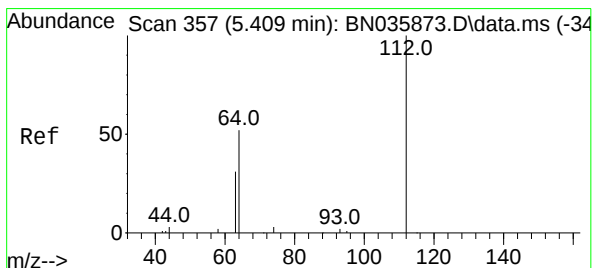
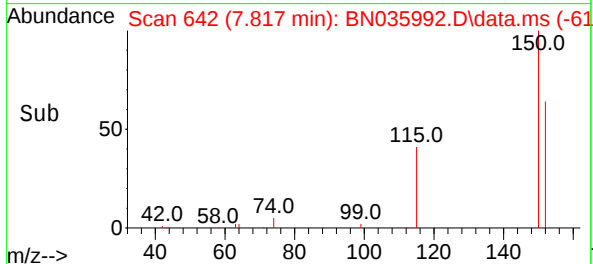
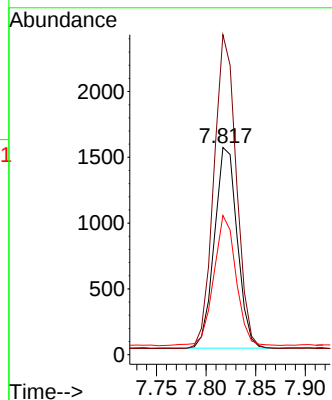


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.817 min Scan# 64  
Delta R.T. -0.019 min  
Lab File: BN035992.D  
Acq: 20 Jan 2025 11:03

Instrument :  
BNA\_N  
ClientSampleId :  
PB166108BL

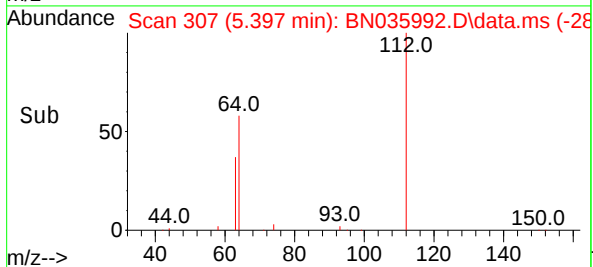
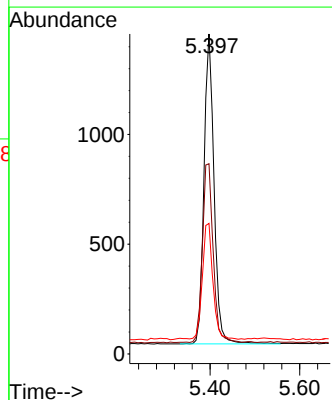
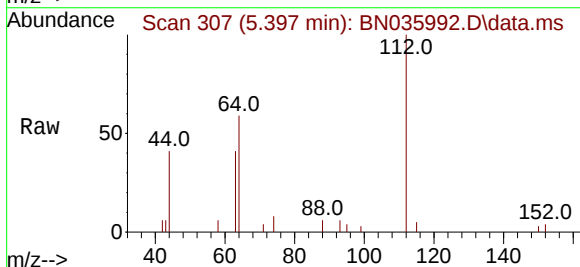


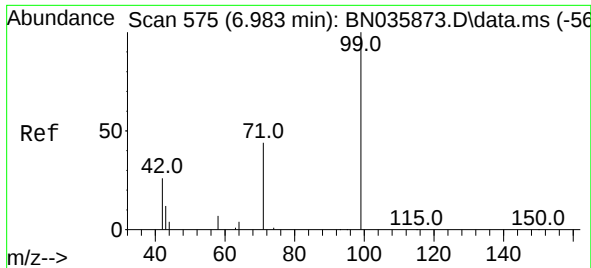
Tgt Ion:152 Resp: 2441  
Ion Ratio Lower Upper  
152 100  
150 154.4 117.8 176.6  
115 67.2 51.0 76.4



#4  
2-Fluorophenol  
Concen: 0.366 ng  
RT: 5.397 min Scan# 307  
Delta R.T. -0.011 min  
Lab File: BN035992.D  
Acq: 20 Jan 2025 11:03

Tgt Ion:112 Resp: 2193  
Ion Ratio Lower Upper  
112 100  
64 62.2 48.2 72.2  
63 39.1 30.0 45.0

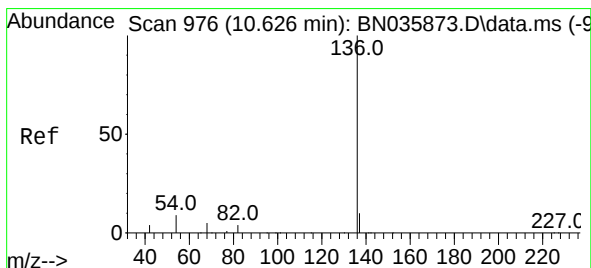
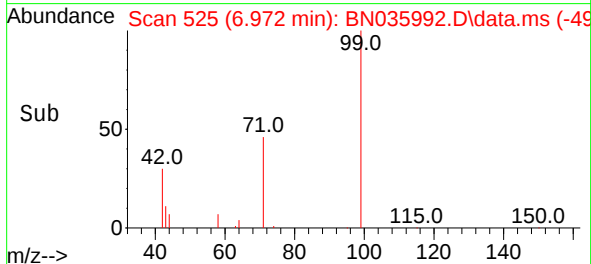
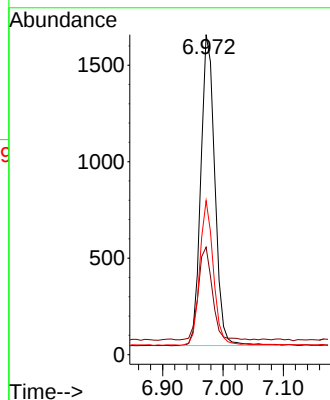
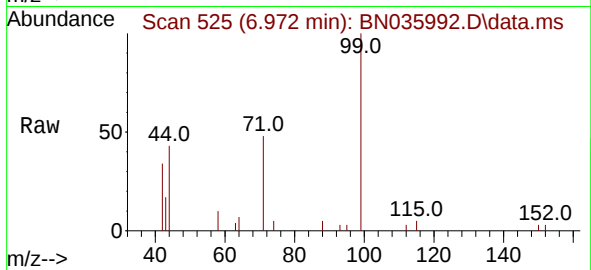




#5  
Phenol-d6  
Concen: 0.350 ng  
RT: 6.972 min Scan# 51  
Delta R.T. -0.011 min  
Lab File: BN035992.D  
Acq: 20 Jan 2025 11:03

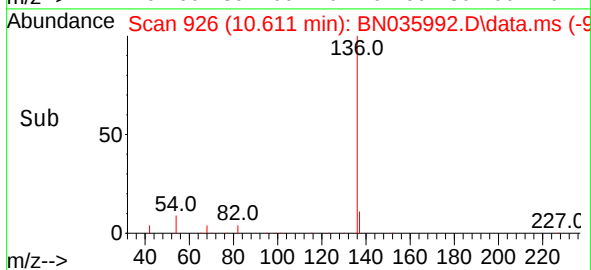
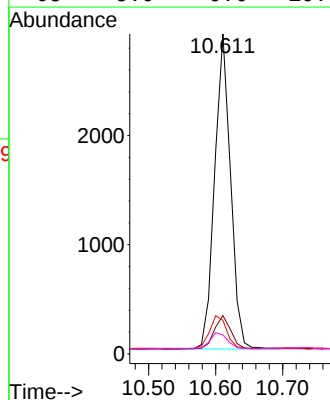
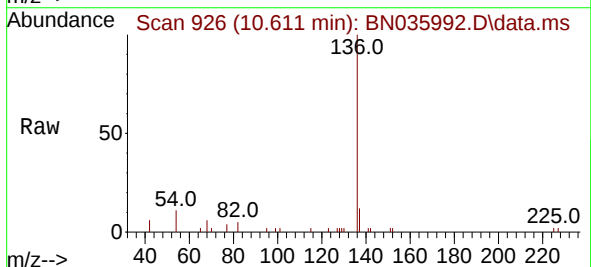
Instrument :  
BNA\_N  
ClientSampleId :  
PB166108BL

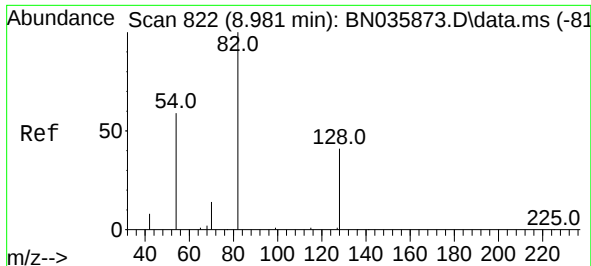
Tgt Ion: 99 Resp: 2602  
Ion Ratio Lower Upper  
99 100  
42 29.4 23.5 35.3  
71 45.2 35.5 53.3



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.611 min Scan# 926  
Delta R.T. -0.015 min  
Lab File: BN035992.D  
Acq: 20 Jan 2025 11:03

Tgt Ion: 136 Resp: 4766  
Ion Ratio Lower Upper  
136 100  
137 12.0 10.6 15.8  
54 10.5 9.8 14.6  
68 5.9 6.6 10.0#

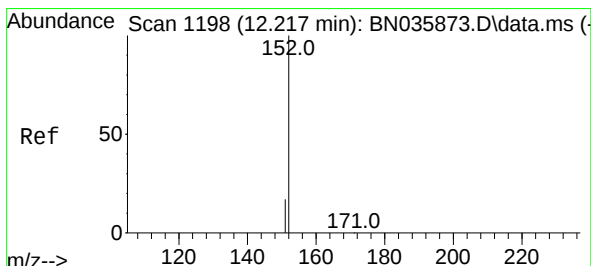
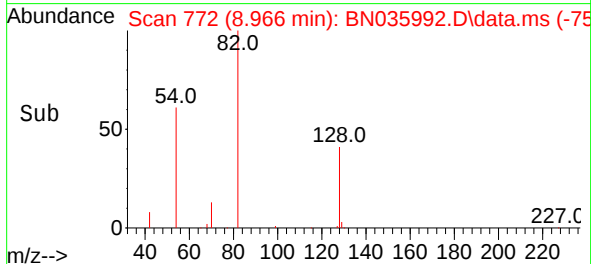
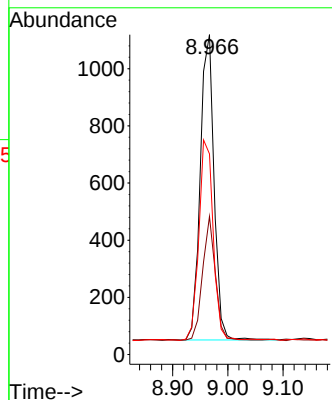
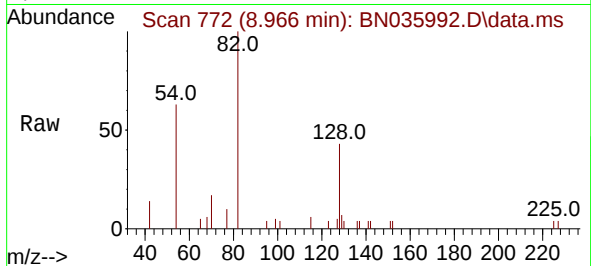




#8  
 Nitrobenzene-d5  
 Concen: 0.494 ng  
 RT: 8.966 min Scan# 71  
 Delta R.T. -0.015 min  
 Lab File: BN035992.D  
 Acq: 20 Jan 2025 11:03

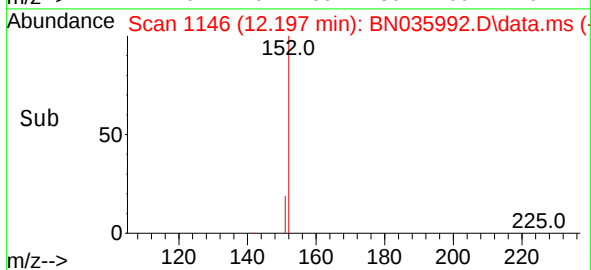
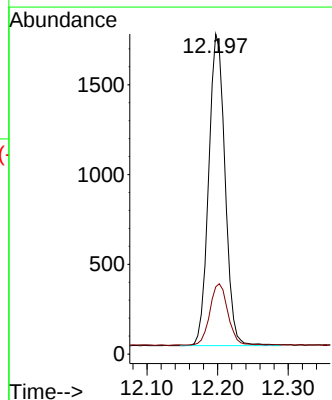
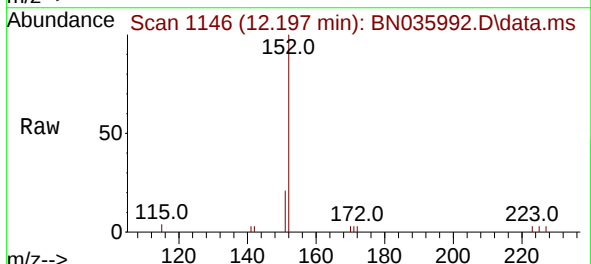
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB166108BL

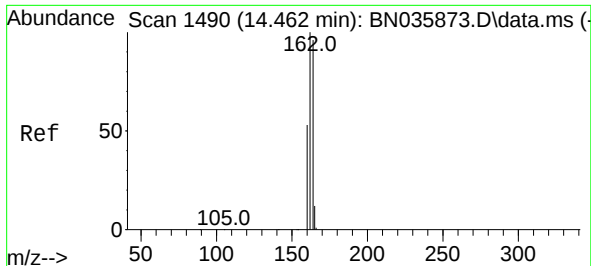
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 43.2  | 36.9  | 55.3  |
| 54      | 62.7  | 50.4  | 75.6  |



#11  
 2-Methylnaphthalene-d10  
 Concen: 0.438 ng  
 RT: 12.197 min Scan# 1146  
 Delta R.T. -0.019 min  
 Lab File: BN035992.D  
 Acq: 20 Jan 2025 11:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 21.5  | 17.0  | 25.6  |

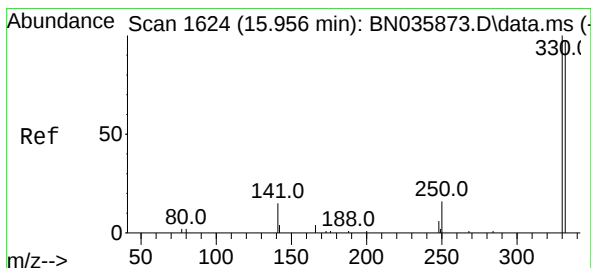
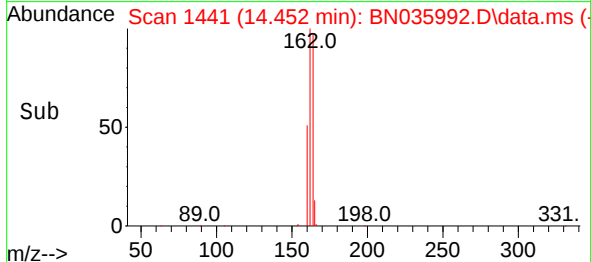
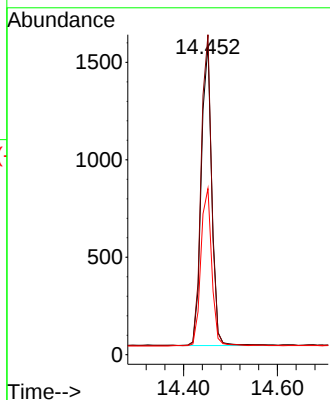
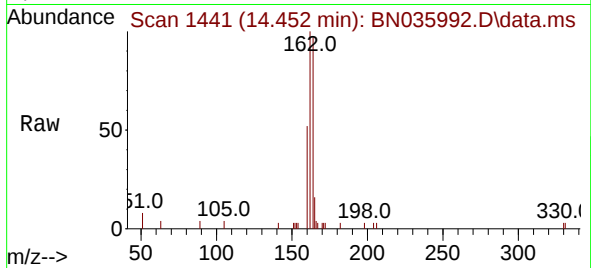




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.452 min Scan# 14  
Delta R.T. -0.010 min  
Lab File: BN035992.D  
Acq: 20 Jan 2025 11:03

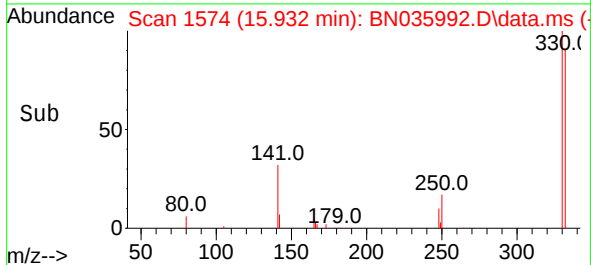
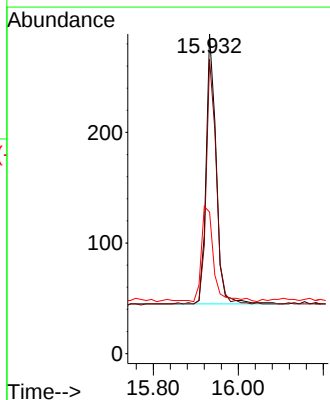
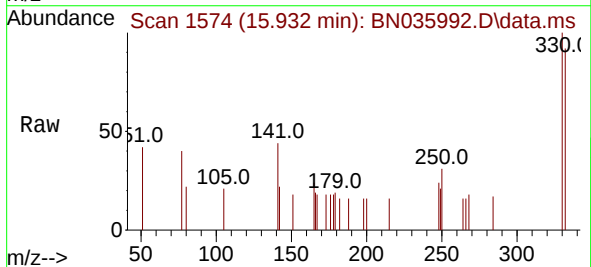
Instrument :  
BNA\_N  
ClientSampleId :  
PB166108BL

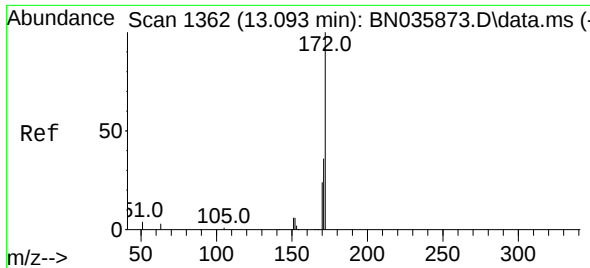
Tgt Ion:164 Resp: 2405  
Ion Ratio Lower Upper  
164 100  
162 103.1 83.1 124.7  
160 53.5 46.0 69.0



#14  
2,4,6-Tribromophenol  
Concen: 0.345 ng  
RT: 15.932 min Scan# 1574  
Delta R.T. -0.024 min  
Lab File: BN035992.D  
Acq: 20 Jan 2025 11:03

Tgt Ion:330 Resp: 398  
Ion Ratio Lower Upper  
330 100  
332 91.2 77.2 115.8  
141 43.0 31.6 47.4

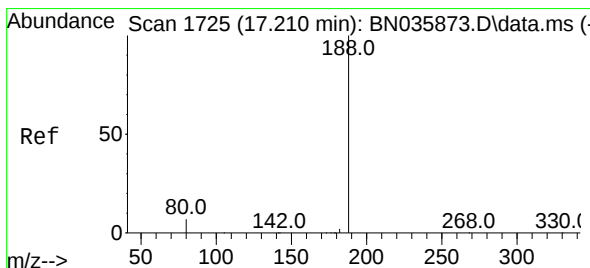
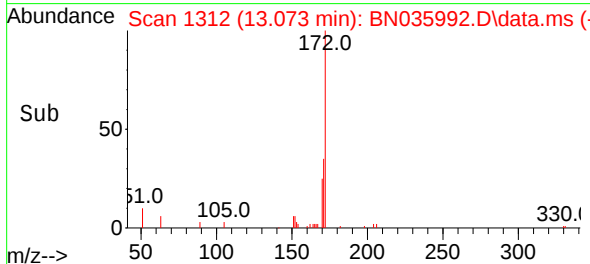
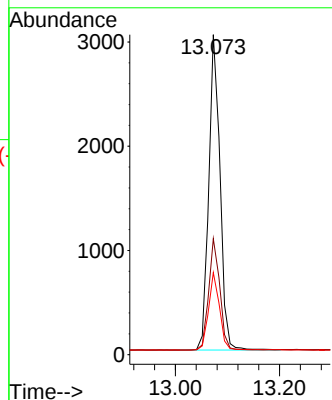
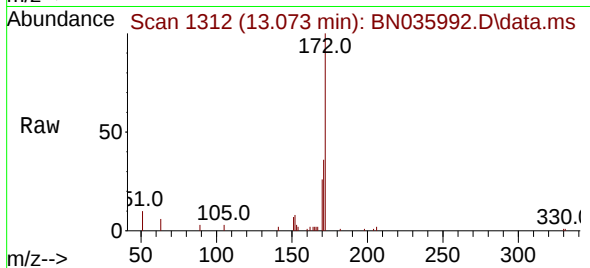




#15  
2-Fluorobiphenyl  
Concen: 0.429 ng  
RT: 13.073 min Scan# 1675  
Delta R.T. -0.021 min  
Lab File: BN035992.D  
Acq: 20 Jan 2025 11:03

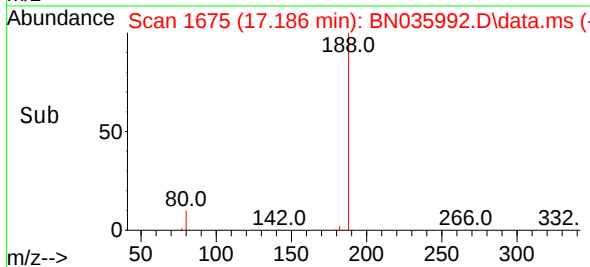
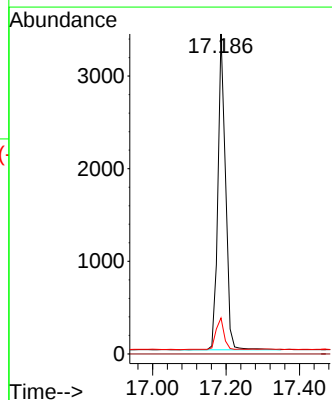
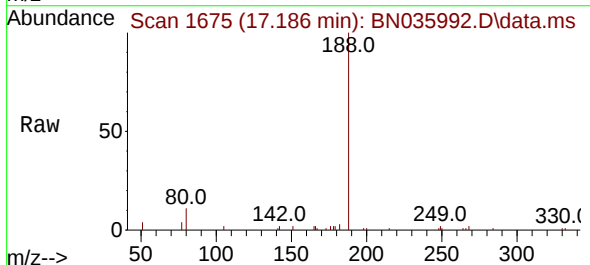
Instrument :  
BNA\_N  
ClientSampleId :  
PB166108BL

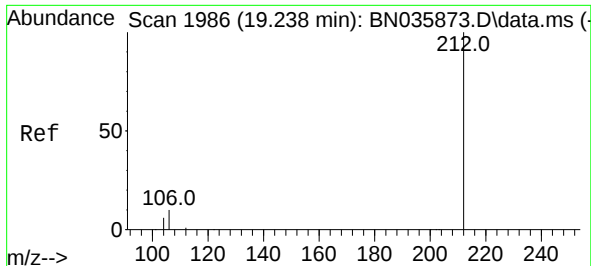
Tgt Ion:172 Resp: 4524  
Ion Ratio Lower Upper  
172 100  
171 36.3 30.5 45.7  
170 25.6 20.8 31.2



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.186 min Scan# 1675  
Delta R.T. -0.024 min  
Lab File: BN035992.D  
Acq: 20 Jan 2025 11:03

Tgt Ion:188 Resp: 4916  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.3 7.3 10.9#





#27

Fluoranthene-d10

Concen: 0.450 ng

RT: 19.220 min Scan# 1934

Delta R.T. -0.018 min

Lab File: BN035992.D

Acq: 20 Jan 2025 11:03

Instrument :

BNA\_N

ClientSampleId :

PB166108BL

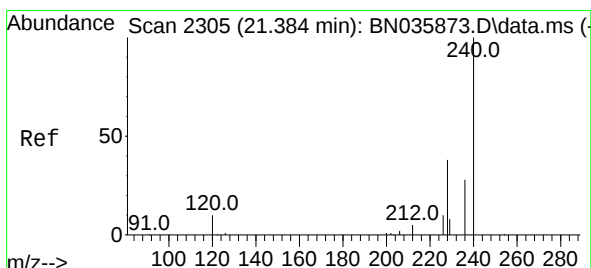
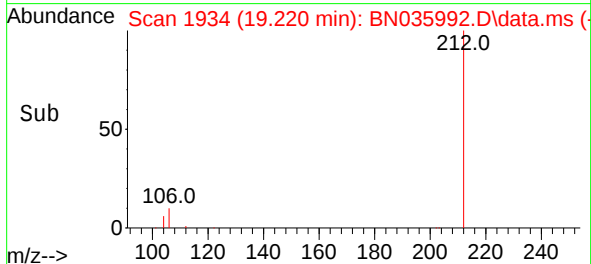
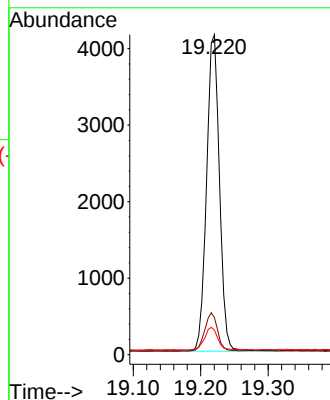
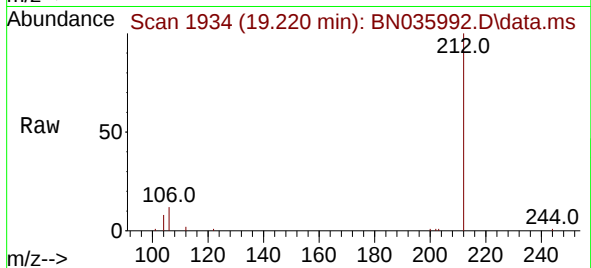
Tgt Ion:212 Resp: 5493

Ion Ratio Lower Upper

212 100

106 11.7 9.0 13.6

104 7.2 5.4 8.2



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.367 min Scan# 2255

Delta R.T. -0.017 min

Lab File: BN035992.D

Acq: 20 Jan 2025 11:03

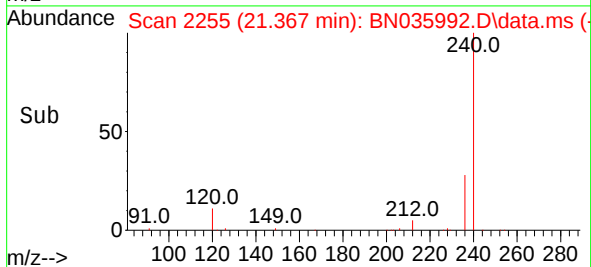
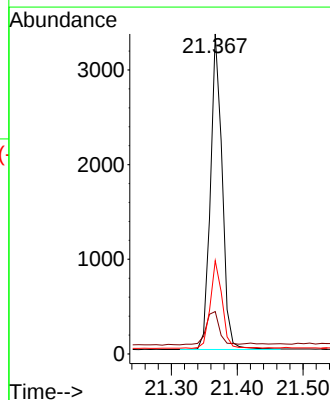
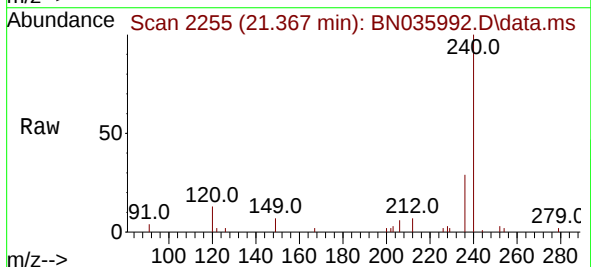
Tgt Ion:240 Resp: 4139

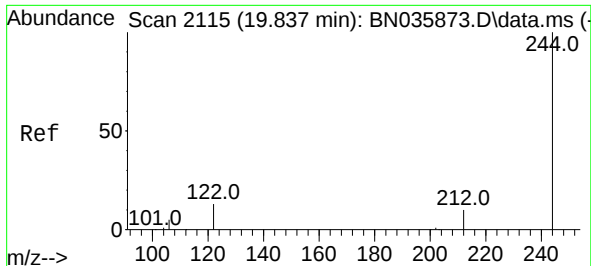
Ion Ratio Lower Upper

240 100

120 13.3 11.1 16.7

236 29.2 24.6 36.8

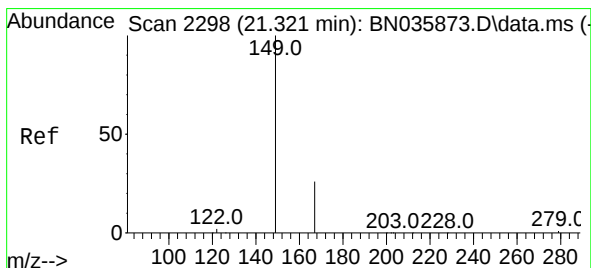
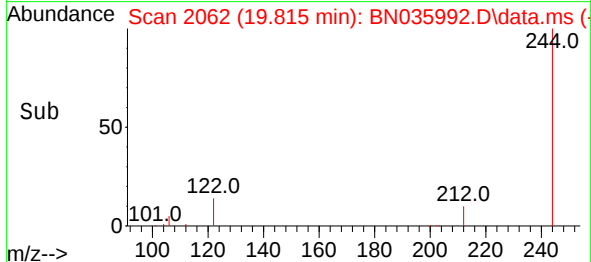
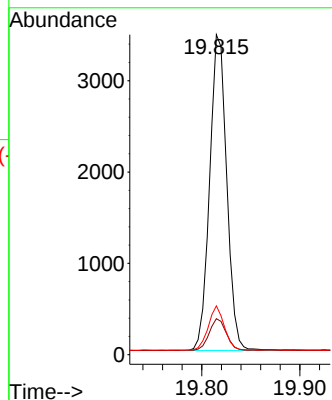
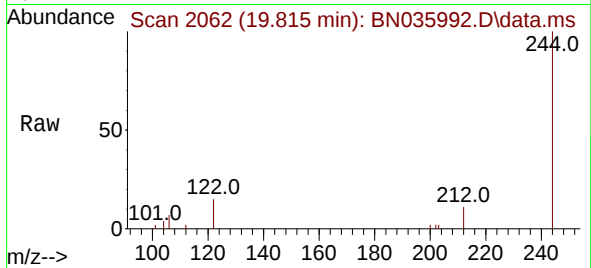




#31  
 Terphenyl-d14  
 Concen: 0.508 ng  
 RT: 19.815 min Scan# 2062  
 Delta R.T. -0.022 min  
 Lab File: BN035992.D  
 Acq: 20 Jan 2025 11:03

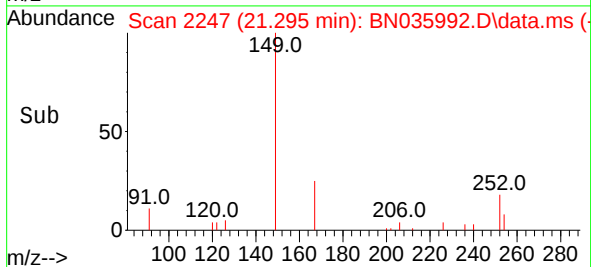
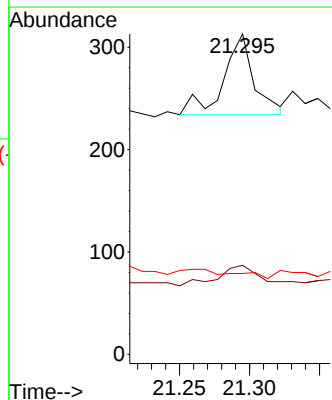
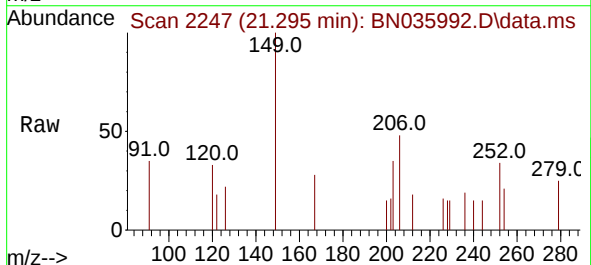
Instrument :  
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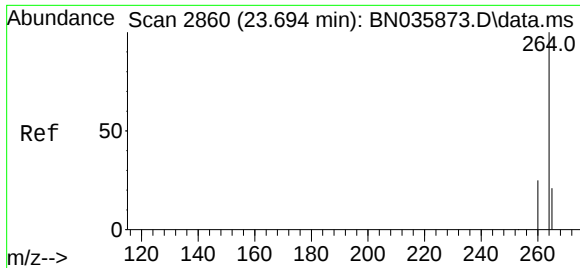
Tgt Ion:244 Resp: 4187  
 Ion Ratio Lower Upper  
 244 100  
 212 11.3 10.1 15.1  
 122 15.2 12.2 18.4



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.020 ng  
 RT: 21.295 min Scan# 2247  
 Delta R.T. -0.026 min  
 Lab File: BN035992.D  
 Acq: 20 Jan 2025 11:03

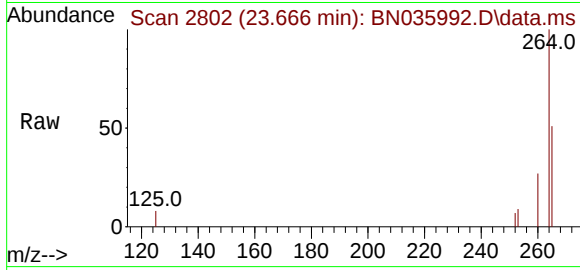
Tgt Ion:149 Resp: 119  
 Ion Ratio Lower Upper  
 149 100  
 167 36.1 21.4 32.0#  
 279 0.0 3.0 4.6#





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.666 min Scan# 21  
 Delta R.T. -0.028 min  
 Lab File: BN035992.D  
 Acq: 20 Jan 2025 11:03

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB166108BL



Tgt Ion:264 Resp: 4174

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 27.0  | 21.7  | 32.5  |
| 265 | 51.5  | 33.9  | 50.9# |

