

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042925\  
 Data File : BN036934.D  
 Acq On : 29 Apr 2025 09:53  
 Operator : RC/JU  
 Sample : PB167728BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB167728BL

Quant Time: Apr 29 10:49:30 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN042825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 28 15:35:03 2025  
 Response via : Initial Calibration

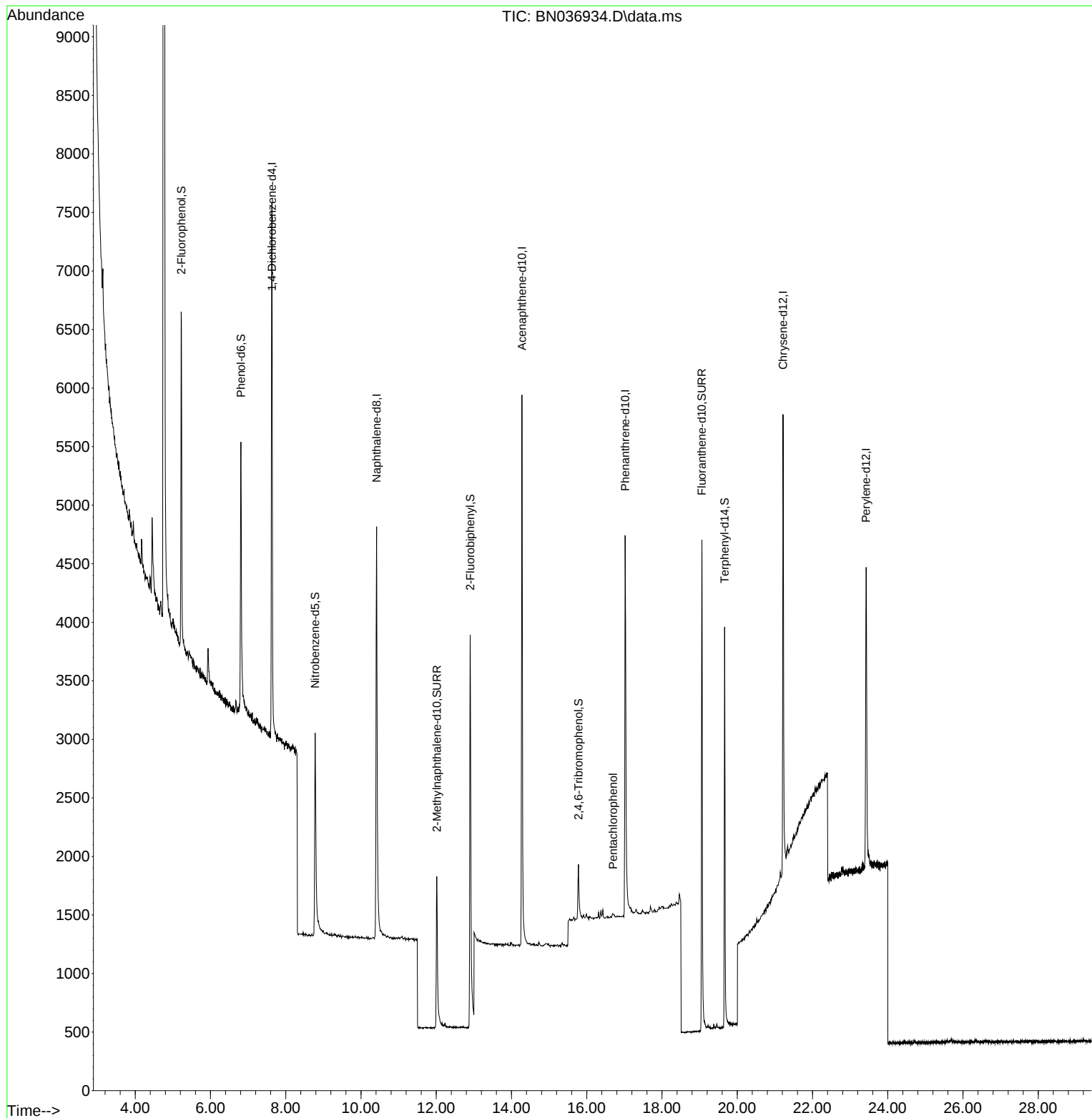
| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.633  | 152  | 2379     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.415 | 136  | 5573     | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10        | 14.277 | 164  | 2873     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10        | 17.021 | 188  | 5718     | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12            | 21.215 | 240  | 4280     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12            | 23.424 | 264  | 3789     | 0.400 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.228  | 112  | 2056     | 0.338 | ng    | 0.00     |
| 5) Phenol-d6                | 6.809  | 99   | 2289     | 0.306 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 8.781  | 82   | 1914     | 0.328 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10 | 12.016 | 152  | 2522     | 0.324 | ng    | 0.01     |
| 14) 2,4,6-Tribromophenol    | 15.780 | 330  | 349      | 0.273 | ng    | 0.01     |
| 15) 2-Fluorobiphenyl        | 12.904 | 172  | 4916     | 0.354 | ng    | 0.00     |
| 27) Fluoranthene-d10        | 19.059 | 212  | 5308     | 0.358 | ng    | 0.00     |
| 31) Terphenyl-d14           | 19.667 | 244  | 3694     | 0.366 | ng    | 0.00     |
| Target Compounds            |        |      |          |       |       |          |
| 24) Pentachlorophenol       | 16.698 | 266  | 47       | 0.021 | ng    | # 86     |
| -----                       |        |      |          |       |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042925\  
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Operator : RC/JU  
Sample : PB167728BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB167728BL

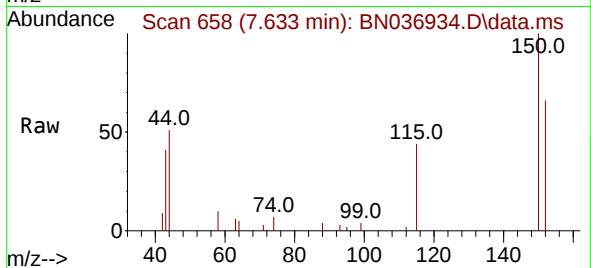
Quant Time: Apr 29 10:49:30 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN042825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Apr 28 15:35:03 2025  
Response via : Initial Calibration



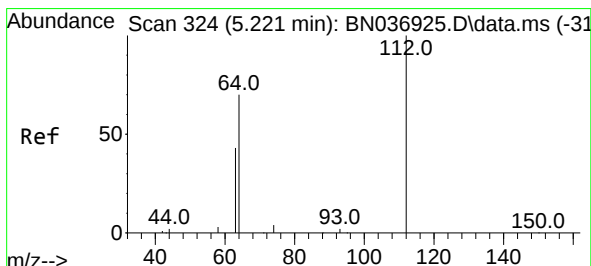
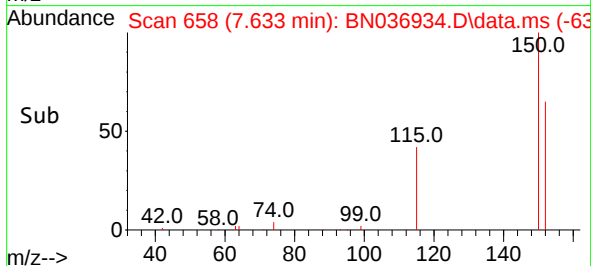
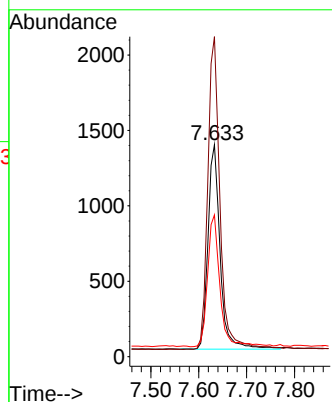


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.633 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BN036934.D  
Acq: 29 Apr 2025 09:53

Instrument :  
BNA\_N  
ClientSampleId :  
PB167728BL

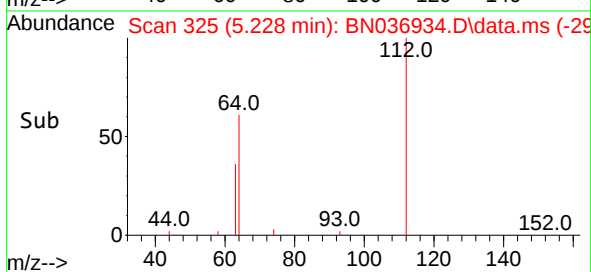
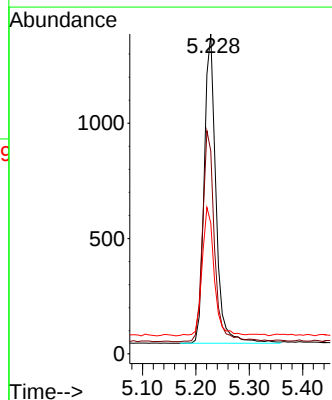
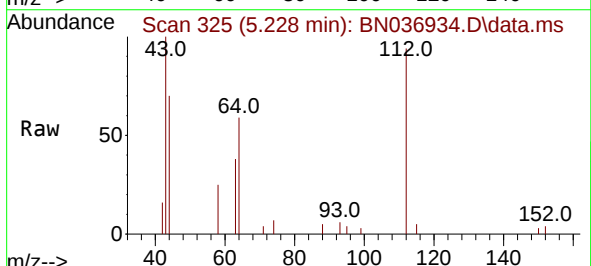


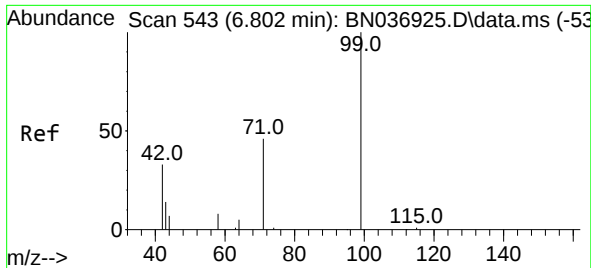
Tgt Ion:152 Resp: 2379  
Ion Ratio Lower Upper  
152 100  
150 150.9 121.1 181.7  
115 66.9 51.8 77.6



#4  
2-Fluorophenol  
Concen: 0.338 ng  
RT: 5.228 min Scan# 325  
Delta R.T. 0.007 min  
Lab File: BN036934.D  
Acq: 29 Apr 2025 09:53

Tgt Ion:112 Resp: 2056  
Ion Ratio Lower Upper  
112 100  
64 68.1 55.7 83.5  
63 42.8 33.9 50.9

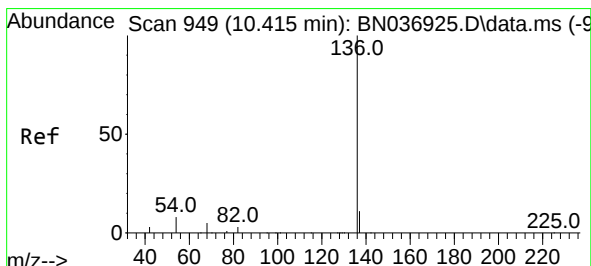
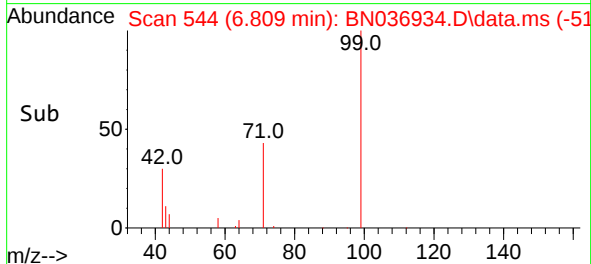
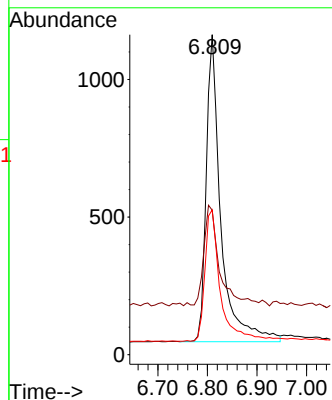
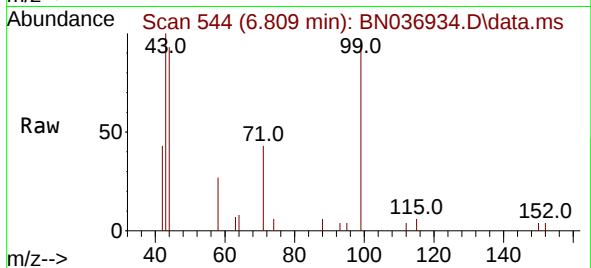




#5  
Phenol-d6  
Concen: 0.306 ng  
RT: 6.809 min Scan# 543  
Delta R.T. 0.007 min  
Lab File: BN036934.D  
Acq: 29 Apr 2025 09:53

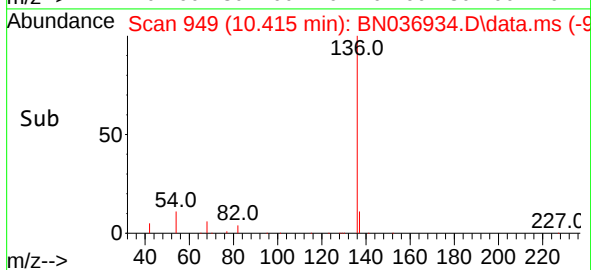
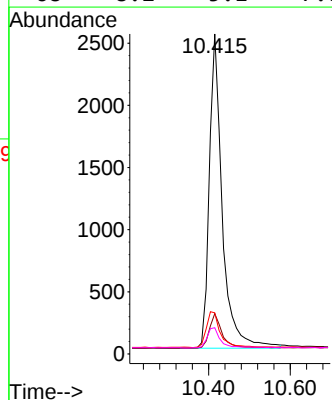
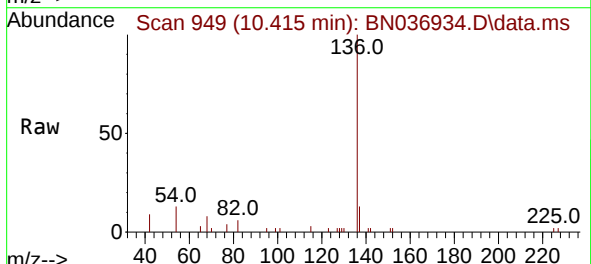
Instrument :  
BNA\_N  
ClientSampleId :  
PB167728BL

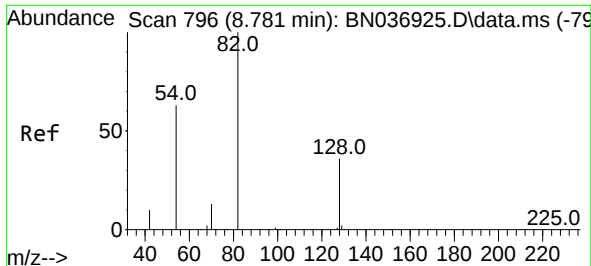
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 2289  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 36.1  | 29.6  | 44.4  |
| 71       | 45.8  | 36.0  | 54.0  |



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.415 min Scan# 949  
Delta R.T. -0.000 min  
Lab File: BN036934.D  
Acq: 29 Apr 2025 09:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 5573  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 12.6  | 9.7   | 14.5  |
| 54       | 12.9  | 8.0   | 12.0# |
| 68       | 8.2   | 5.1   | 7.7#  |





#8  
 Nitrobenzene-d5  
 Concen: 0.328 ng  
 RT: 8.781 min Scan# 796  
 Delta R.T. -0.000 min  
 Lab File: BN036934.D  
 Acq: 29 Apr 2025 09:53

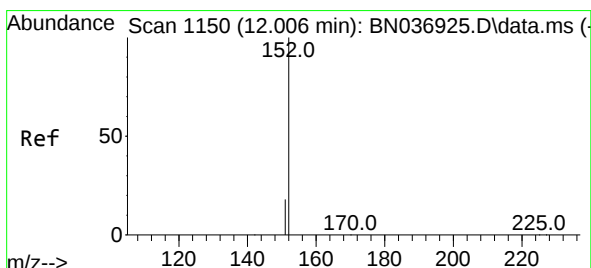
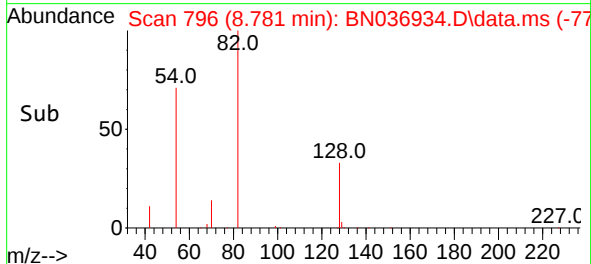
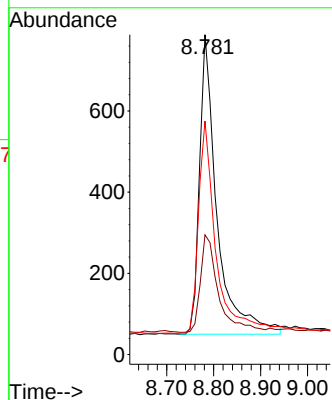
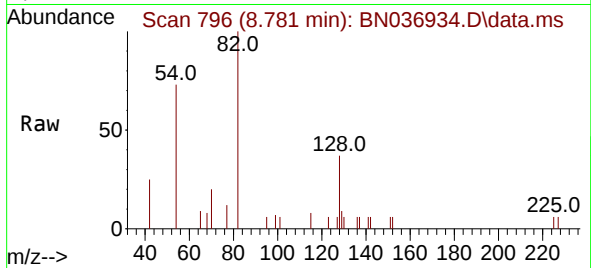
Instrument :

BNA\_N

ClientSampleId :

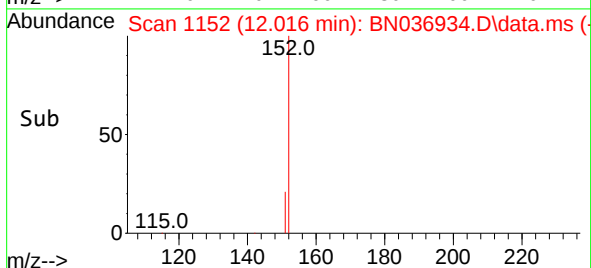
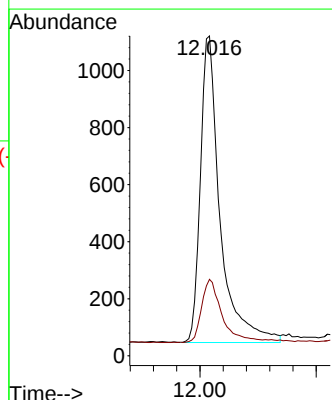
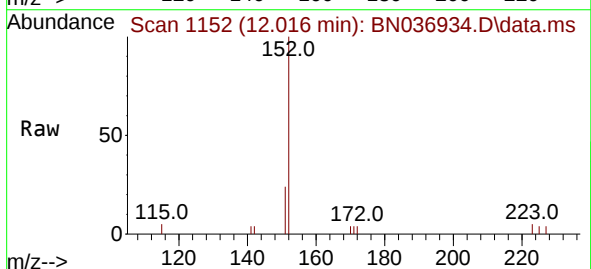
PB167728BL

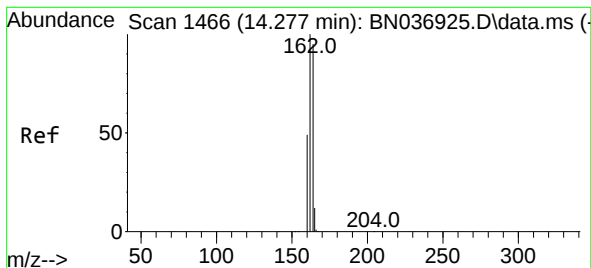
Tgt Ion: 82 Resp: 1914  
 Ion Ratio Lower Upper  
 82 100  
 128 37.4 30.7 46.1  
 54 73.0 52.1 78.1



#11  
 2-Methylnaphthalene-d10  
 Concen: 0.324 ng  
 RT: 12.016 min Scan# 1152  
 Delta R.T. 0.010 min  
 Lab File: BN036934.D  
 Acq: 29 Apr 2025 09:53

Tgt Ion: 152 Resp: 2522  
 Ion Ratio Lower Upper  
 152 100  
 151 21.3 16.9 25.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.277 min Scan# 1466

Delta R.T. -0.000 min

Lab File: BN036934.D

Acq: 29 Apr 2025 09:53

Instrument :

BNA\_N

ClientSampleId :

PB167728BL

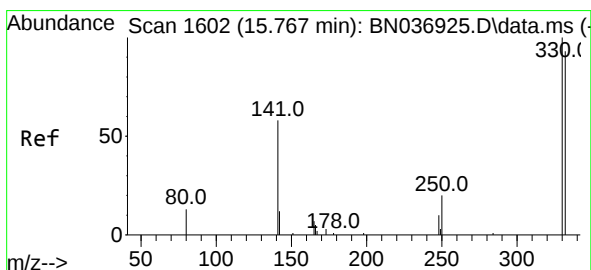
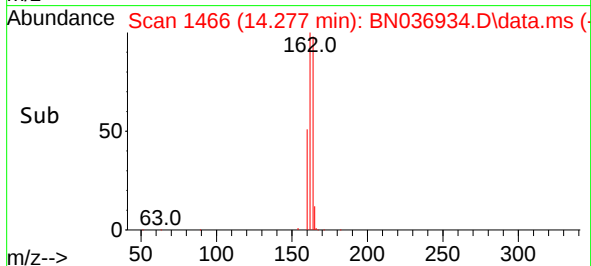
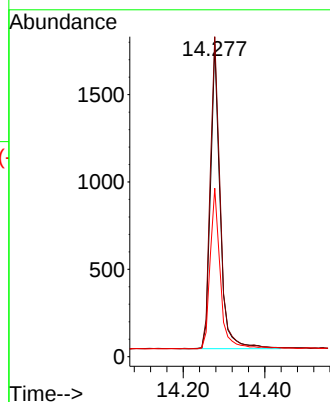
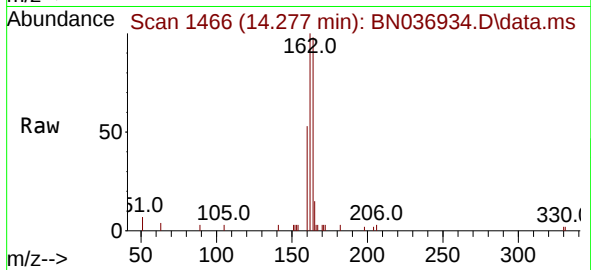
Tgt Ion:164 Resp: 2873

Ion Ratio Lower Upper

164 100

162 102.4 83.8 125.8

160 53.9 42.0 63.0



#14

2,4,6-Tribromophenol

Concen: 0.273 ng

RT: 15.780 min Scan# 1603

Delta R.T. 0.012 min

Lab File: BN036934.D

Acq: 29 Apr 2025 09:53

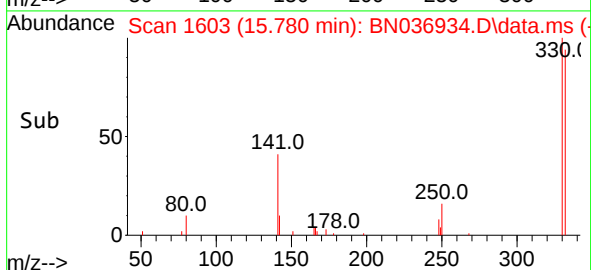
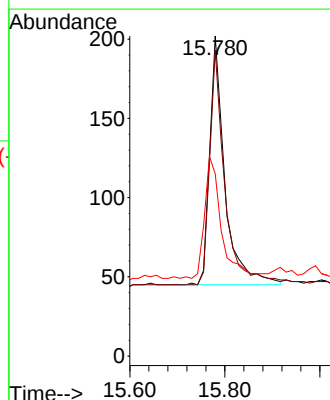
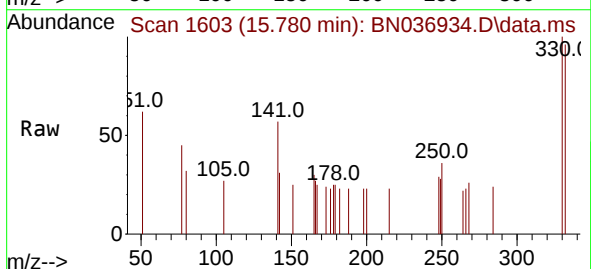
Tgt Ion:330 Resp: 349

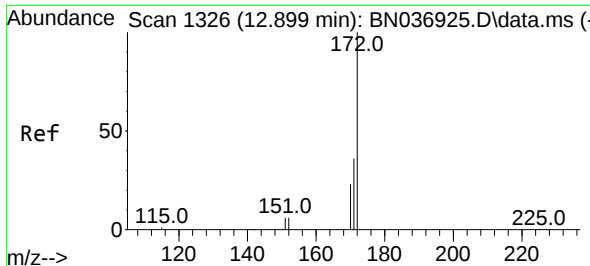
Ion Ratio Lower Upper

330 100

332 94.0 76.3 114.5

141 54.2 45.4 68.2

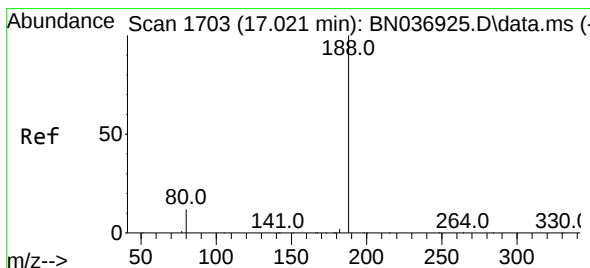
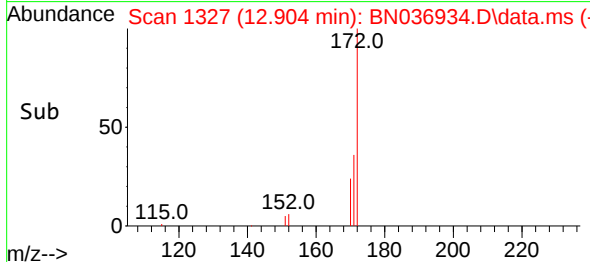
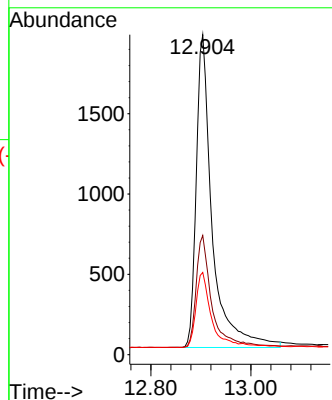
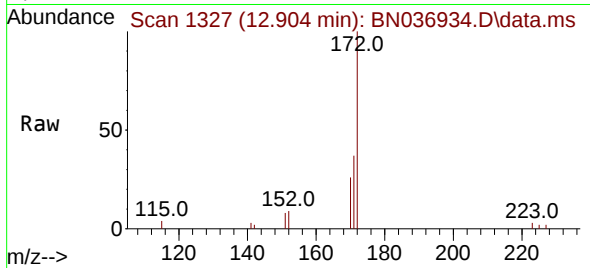




#15  
2-Fluorobiphenyl  
Concen: 0.354 ng  
RT: 12.904 min Scan# 11  
Delta R.T. 0.005 min  
Lab File: BN036934.D  
Acq: 29 Apr 2025 09:53

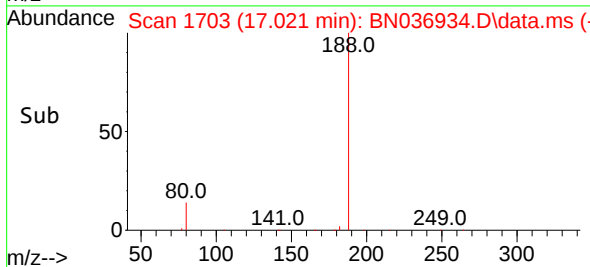
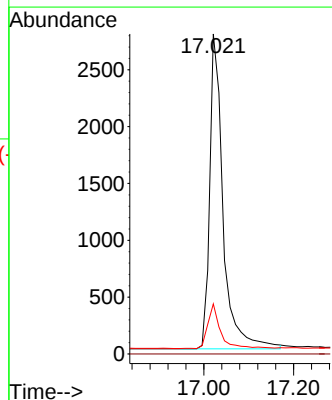
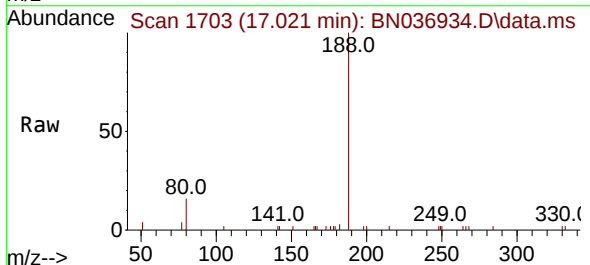
Instrument :  
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PB167728BL

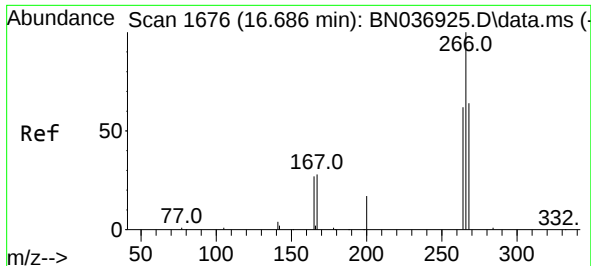
Tgt Ion:172 Resp: 4916  
Ion Ratio Lower Upper  
172 100  
171 37.2 29.4 44.0  
170 25.7 19.4 29.0



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.021 min Scan# 1703  
Delta R.T. -0.000 min  
Lab File: BN036934.D  
Acq: 29 Apr 2025 09:53

Tgt Ion:188 Resp: 5718  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 15.7 10.7 16.1

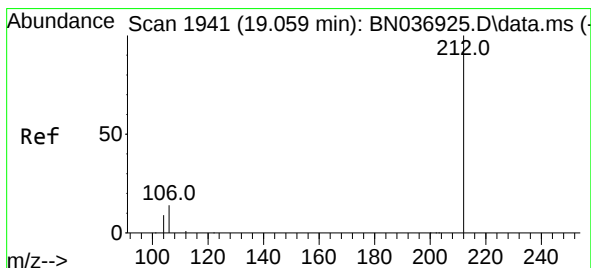
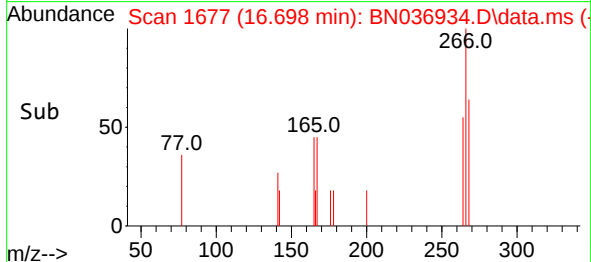
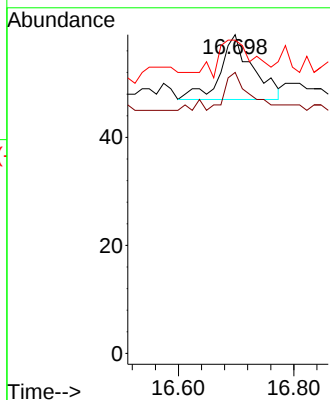
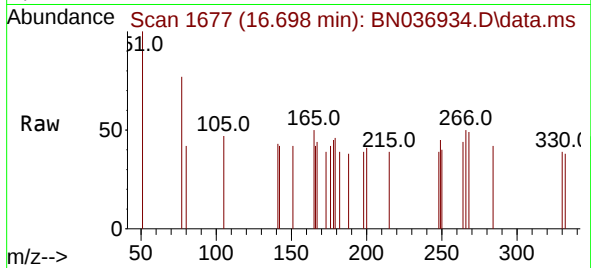




#24  
 Pentachlorophenol  
 Concen: 0.021 ng  
 RT: 16.698 min Scan# 1677  
 Delta R.T. 0.012 min  
 Lab File: BN036934.D  
 Acq: 29 Apr 2025 09:53

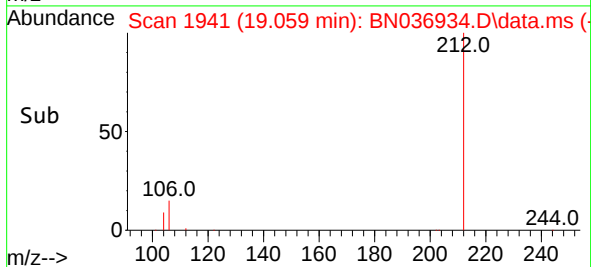
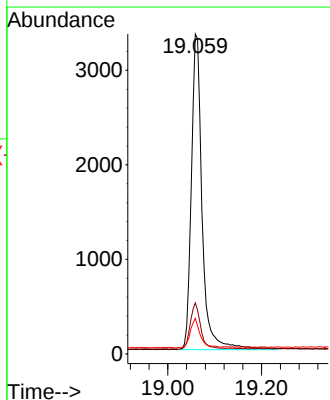
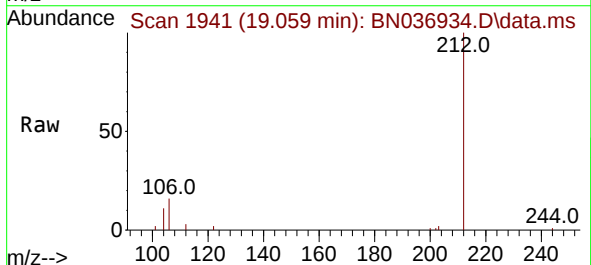
Instrument :  
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 ClientSampleId :  
 PB167728BL

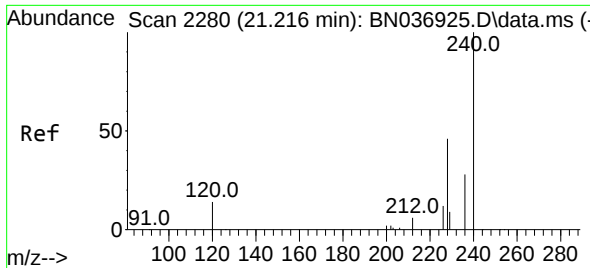
Tgt Ion:266 Resp: 47  
 Ion Ratio Lower Upper  
 266 100  
 264 48.9 49.9 74.9#  
 268 57.4 52.2 78.4



#27  
 Fluoranthene-d10  
 Concen: 0.358 ng  
 RT: 19.059 min Scan# 1941  
 Delta R.T. -0.000 min  
 Lab File: BN036934.D  
 Acq: 29 Apr 2025 09:53

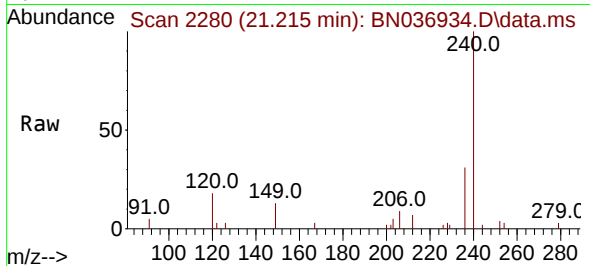
Tgt Ion:212 Resp: 5308  
 Ion Ratio Lower Upper  
 212 100  
 106 14.0 11.6 17.4  
 104 8.8 7.0 10.4



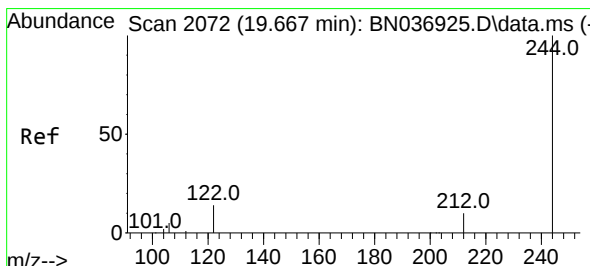
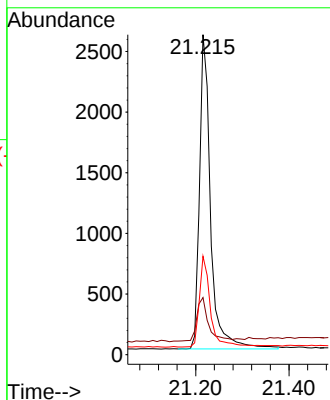
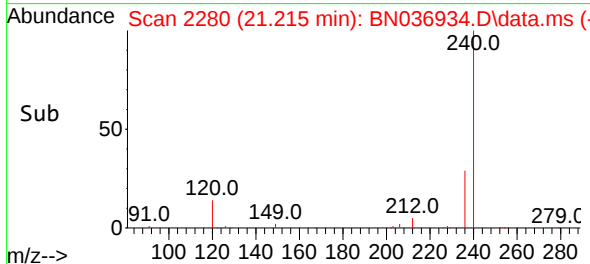


#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.215 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BN036934.D  
Acq: 29 Apr 2025 09:53

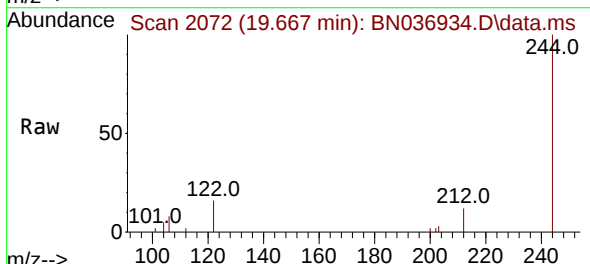
Instrument :  
BNA\_N  
ClientSampleId :  
PB167728BL



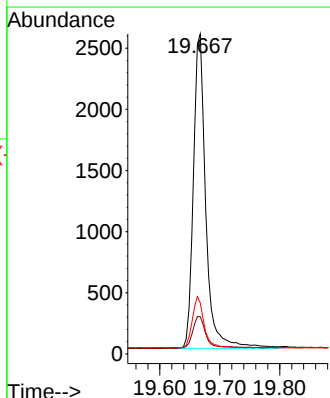
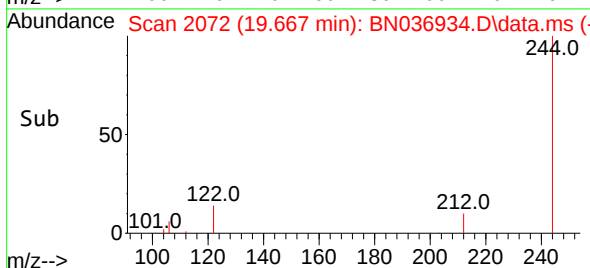
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236 30.8 23.8 35.8

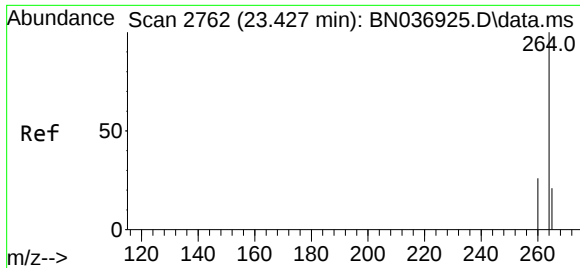


#31  
Terphenyl-d14  
Concen: 0.366 ng  
RT: 19.667 min Scan# 2072  
Delta R.T. -0.000 min  
Lab File: BN036934.D  
Acq: 29 Apr 2025 09:53



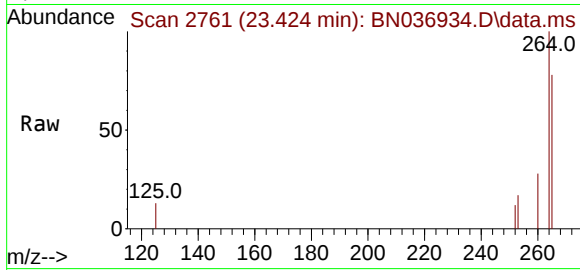
Tgt Ion:244 Resp: 3694  
Ion Ratio Lower Upper  
244 100  
212 11.6 9.6 14.4  
122 15.9 12.7 19.1





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.424 min Scan# 21  
 Delta R.T. -0.003 min  
 Lab File: BN036934.D  
 Acq: 29 Apr 2025 09:53

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB167728BL



Tgt Ion:264 Resp: 3789

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 28.2  | 22.2  | 33.2  |
| 265 | 77.9  | 65.8  | 98.6  |

