

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN022625\  
 Data File : BN036509.D  
 Acq On : 26 Feb 2025 14:19  
 Operator : RC/JU  
 Sample : PB166876BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB166876BL

Quant Time: Feb 26 14:42:17 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN021025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 11 01:17:14 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.746  | 152  | 2585     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.551 | 136  | 5224     | 0.400 | ng    | 0.01     |
| 13) Acenaphthene-d10        | 14.387 | 164  | 3049     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10        | 17.148 | 188  | 5698     | 0.400 | ng    | 0.01     |
| 29) Chrysene-d12            | 21.322 | 240  | 3989     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12            | 23.589 | 264  | 3507     | 0.400 | ng    | # 0.00   |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.334  | 112  | 2211     | 0.362 | ng    | -0.01    |
| 5) Phenol-d6                | 6.923  | 99   | 2027     | 0.283 | ng    | -0.01    |
| 8) Nitrobenzene-d5          | 8.907  | 82   | 1771     | 0.344 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10 | 12.156 | 152  | 2713     | 0.338 | ng    | 0.02     |
| 14) 2,4,6-Tribromophenol    | 15.907 | 330  | 293      | 0.194 | ng    | 0.02     |
| 15) 2-Fluorobiphenyl        | 13.030 | 172  | 3429     | 0.299 | ng    | 0.01     |
| 27) Fluoranthene-d10        | 19.169 | 212  | 5992     | 0.378 | ng    | 0.00     |
| 31) Terphenyl-d14           | 19.768 | 244  | 3868     | 0.454 | ng    | 0.00     |

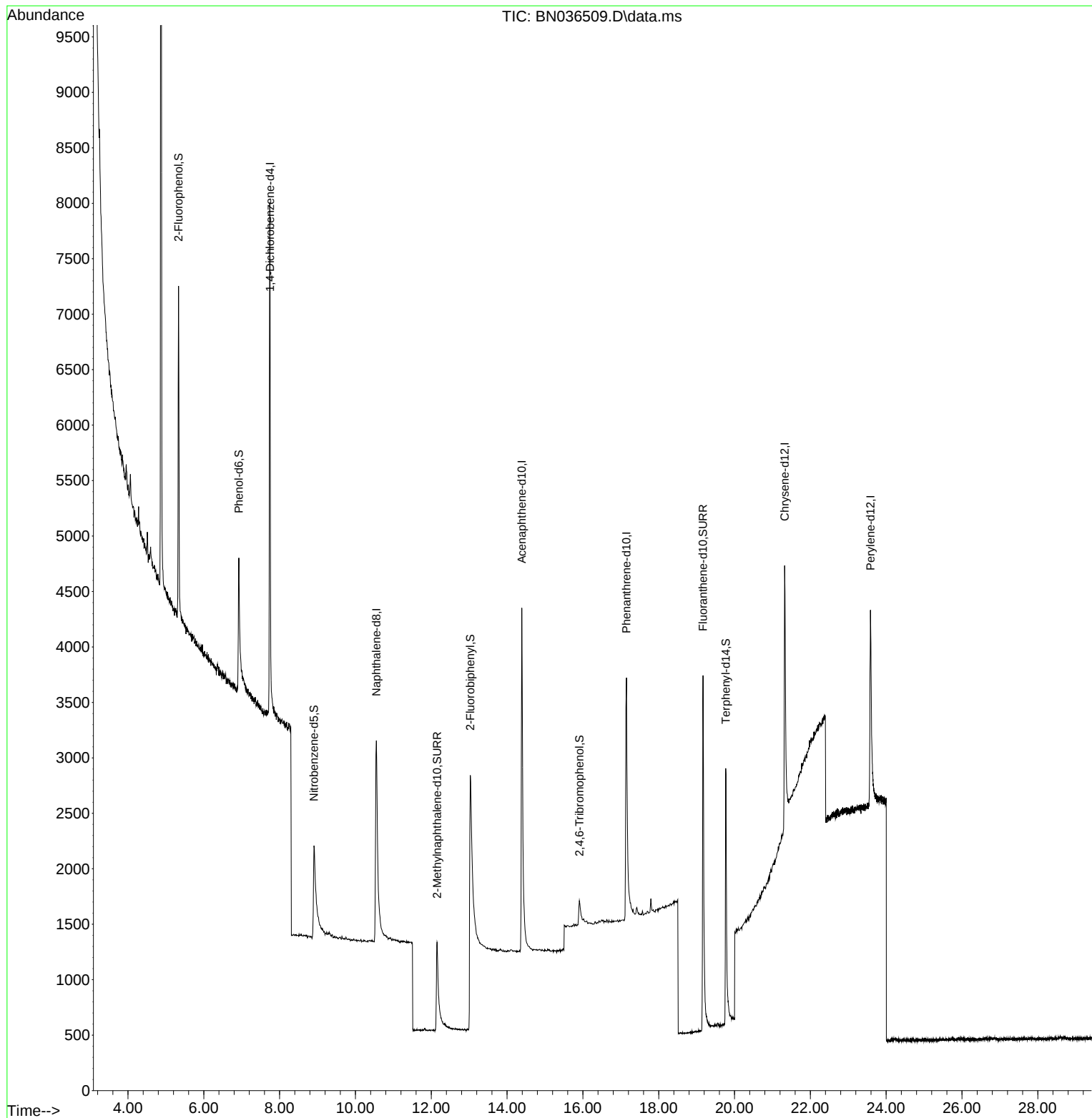
Target Compounds Qvalue

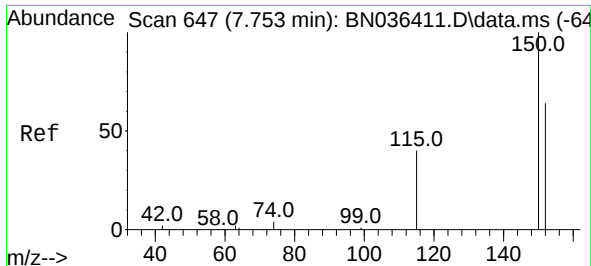
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN022625\  
Data File : BN036509.D  
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Sample : PB166876BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB166876BL

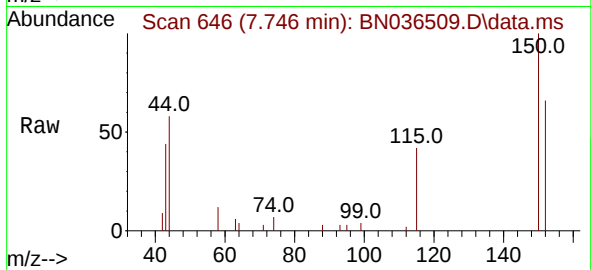
Quant Time: Feb 26 14:42:17 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN021025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Feb 11 01:17:14 2025  
Response via : Initial Calibration



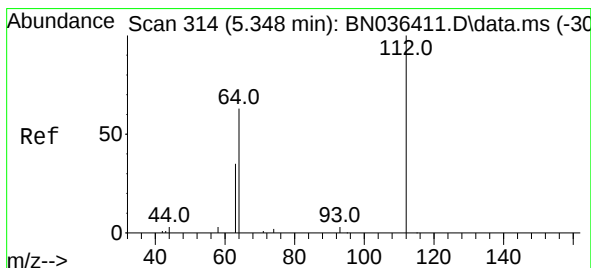
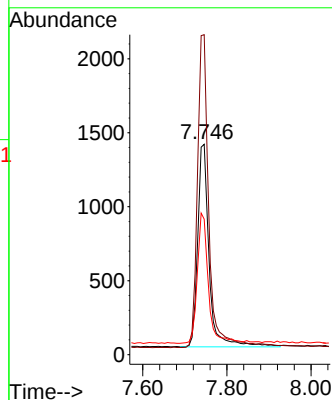
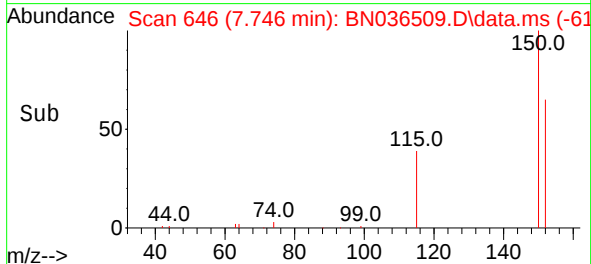


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.746 min Scan# 64  
Delta R.T. -0.007 min  
Lab File: BN036509.D  
Acq: 26 Feb 2025 14:19

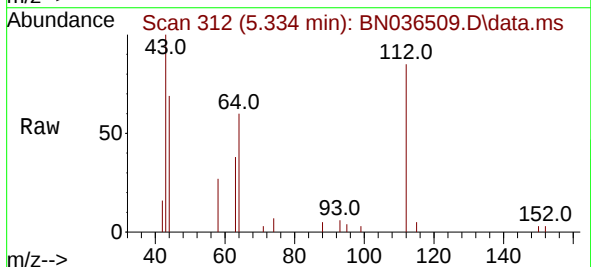
Instrument :  
BNA\_N  
ClientSampleId :  
PB166876BL



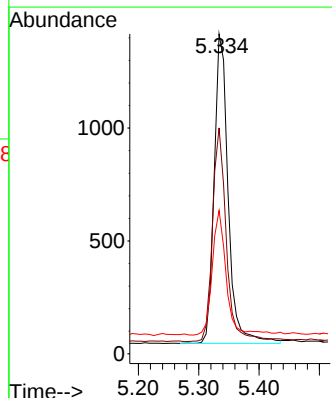
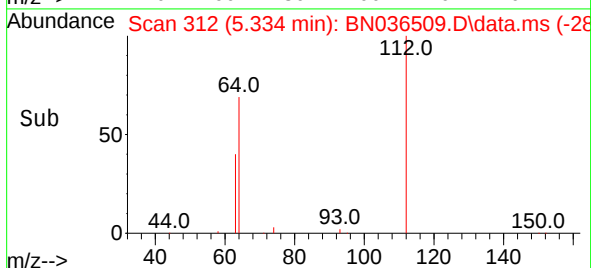
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Ion Ratio Lower Upper  
152 100  
150 152.1 123.7 185.5  
115 64.4 52.5 78.7

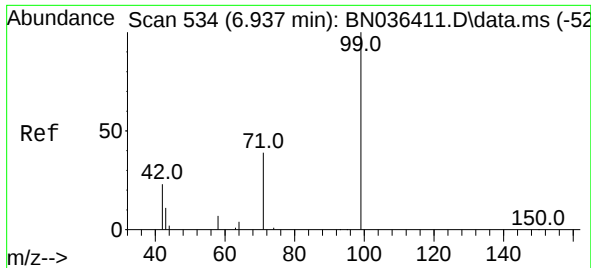


#4  
2-Fluorophenol  
Concen: 0.362 ng  
RT: 5.334 min Scan# 312  
Delta R.T. -0.015 min  
Lab File: BN036509.D  
Acq: 26 Feb 2025 14:19



Tgt Ion:112 Resp: 2211  
Ion Ratio Lower Upper  
112 100  
64 69.3 53.4 80.0  
63 40.9 30.3 45.5

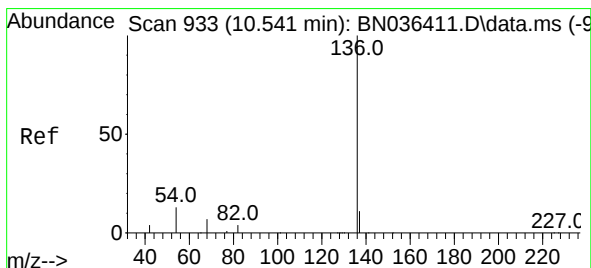
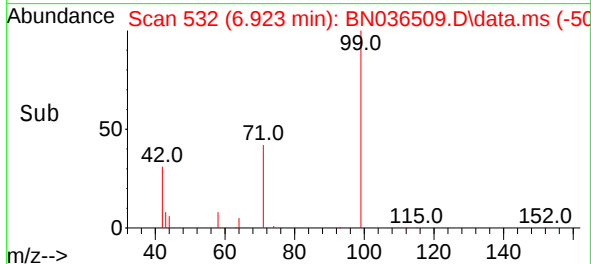
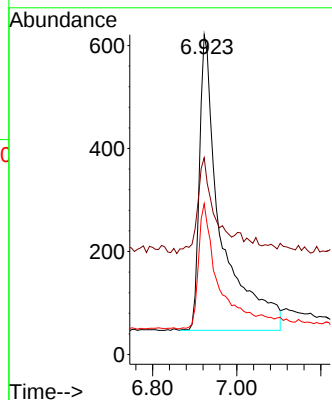
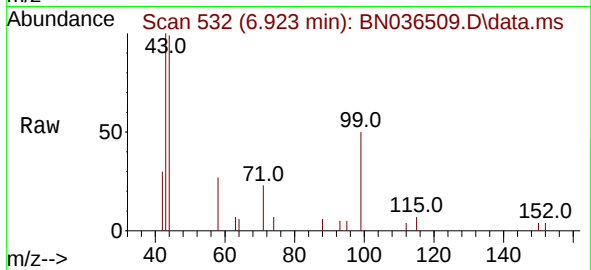




#5  
Phenol-d6  
Concen: 0.283 ng  
RT: 6.923 min Scan# 534  
Delta R.T. -0.015 min  
Lab File: BN036509.D  
Acq: 26 Feb 2025 14:19

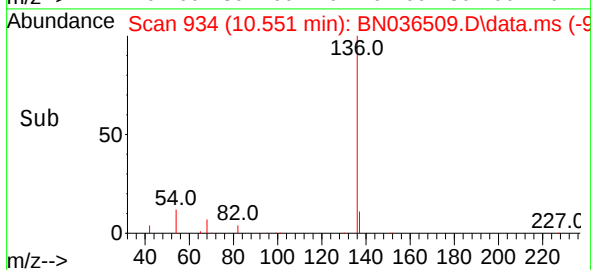
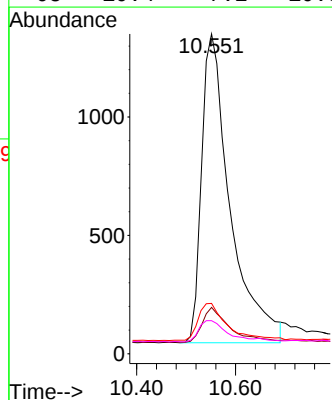
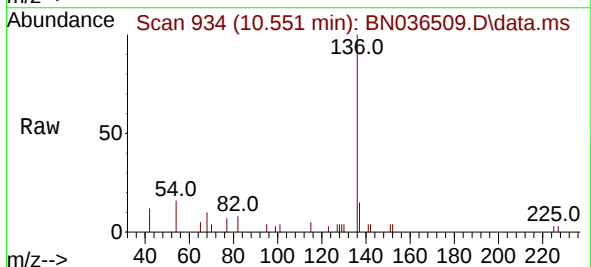
Instrument :  
BNA\_N  
ClientSampleId :  
PB166876BL

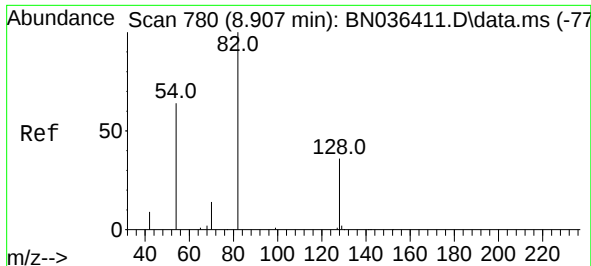
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 2027  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 24.9  | 21.7  | 32.5  |
| 71       | 38.4  | 32.6  | 49.0  |



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.551 min Scan# 934  
Delta R.T. 0.011 min  
Lab File: BN036509.D  
Acq: 26 Feb 2025 14:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 5224  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 14.5  | 10.1  | 15.1  |
| 54       | 15.8  | 11.8  | 17.6  |
| 68       | 10.4  | 7.2   | 10.8  |

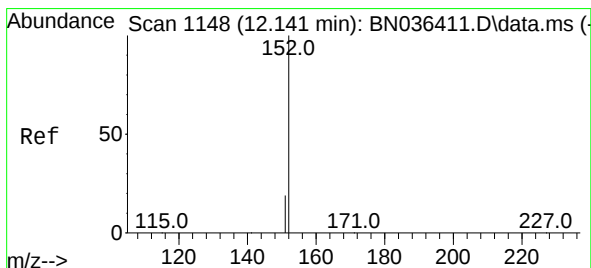
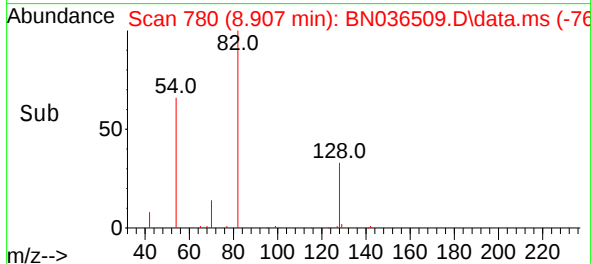
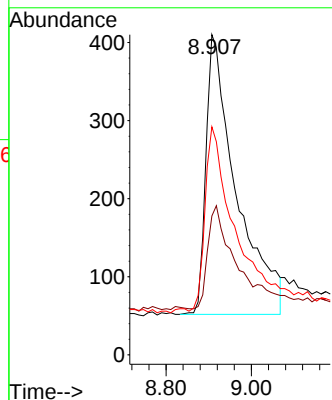
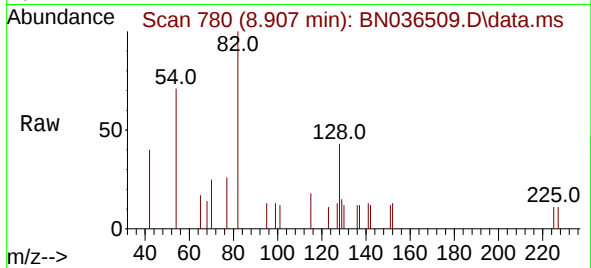




#8  
Nitrobenzene-d5  
Concen: 0.344 ng  
RT: 8.907 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BN036509.D  
Acq: 26 Feb 2025 14:19

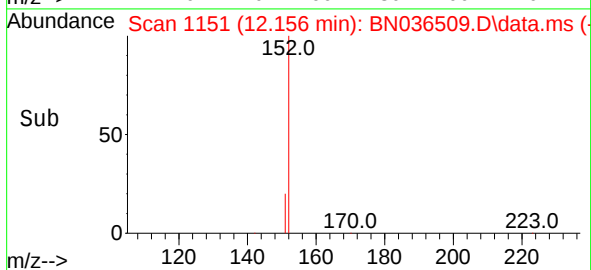
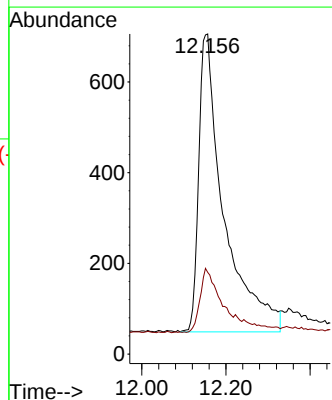
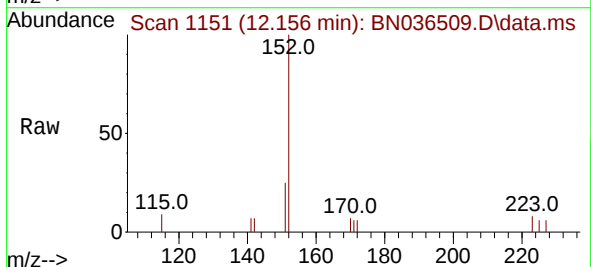
Instrument :  
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ClientSampleId :  
PB166876BL

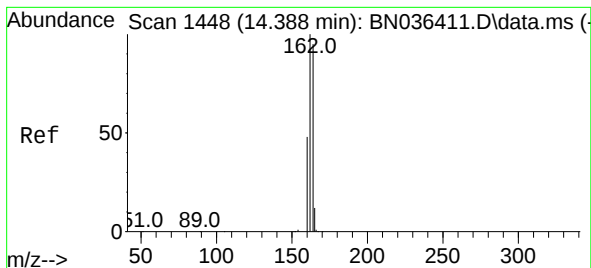
Tgt Ion: 82 Resp: 1771  
Ion Ratio Lower Upper  
82 100  
128 43.4 31.9 47.9  
54 71.2 53.1 79.7



#11  
2-Methylnaphthalene-d10  
Concen: 0.338 ng  
RT: 12.156 min Scan# 1151  
Delta R.T. 0.015 min  
Lab File: BN036509.D  
Acq: 26 Feb 2025 14:19

Tgt Ion:152 Resp: 2713  
Ion Ratio Lower Upper  
152 100  
151 21.2 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.387 min Scan# 1448

Delta R.T. -0.000 min

Lab File: BN036509.D

Acq: 26 Feb 2025 14:19

Instrument :

BNA\_N

ClientSampleId :

PB166876BL

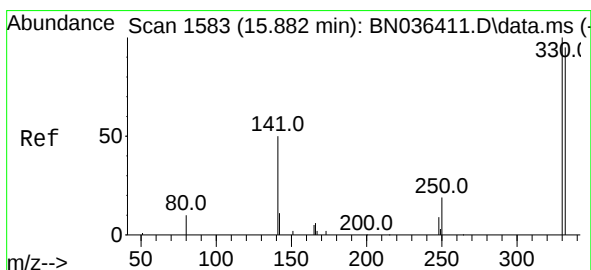
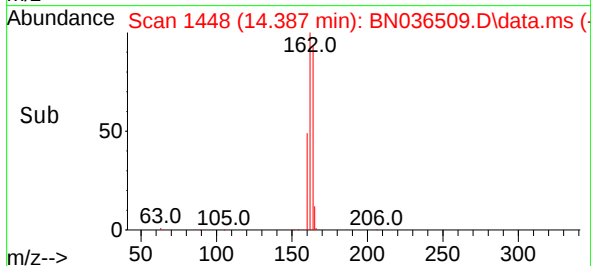
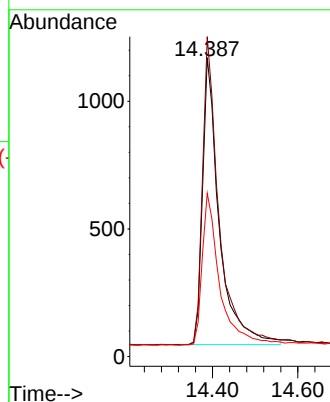
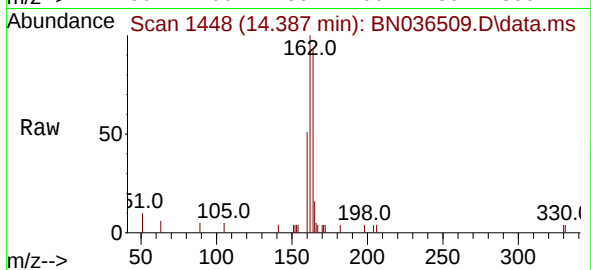
Tgt Ion:164 Resp: 3049

Ion Ratio Lower Upper

164 100

162 107.0 84.1 126.1

160 54.7 41.4 62.0



#14

2,4,6-Tribromophenol

Concen: 0.194 ng

RT: 15.907 min Scan# 1585

Delta R.T. 0.025 min

Lab File: BN036509.D

Acq: 26 Feb 2025 14:19

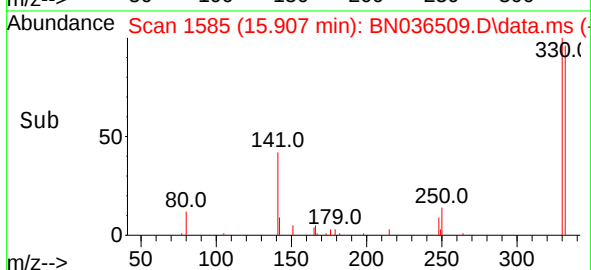
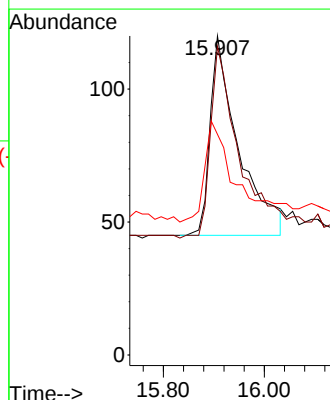
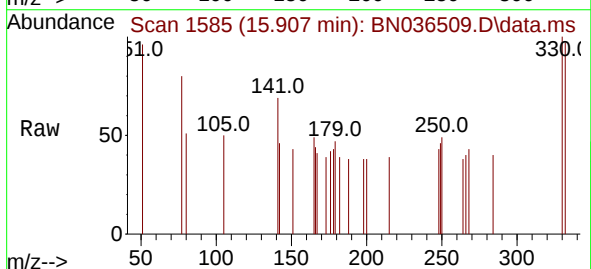
Tgt Ion:330 Resp: 293

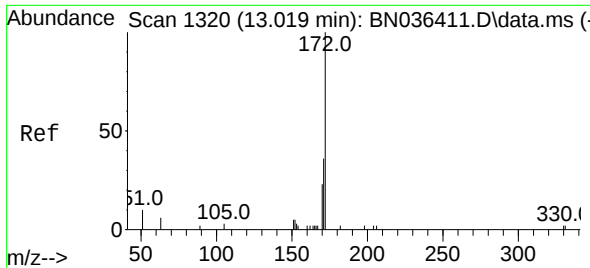
Ion Ratio Lower Upper

330 100

332 98.0 76.6 114.8

141 53.2 37.8 56.8

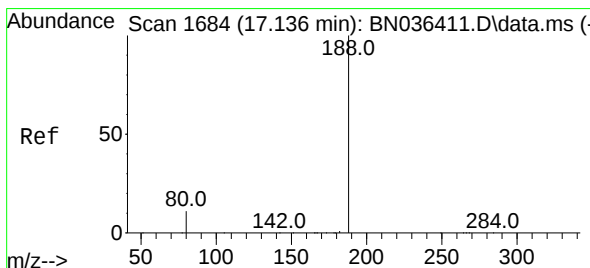
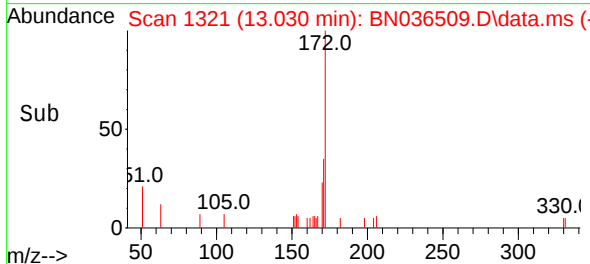
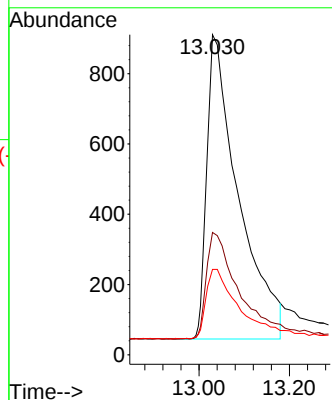
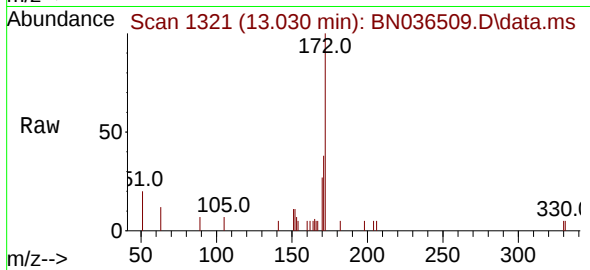




#15  
2-Fluorobiphenyl  
Concen: 0.299 ng  
RT: 13.030 min Scan# 1320  
Delta R.T. 0.011 min  
Lab File: BN036509.D  
Acq: 26 Feb 2025 14:19

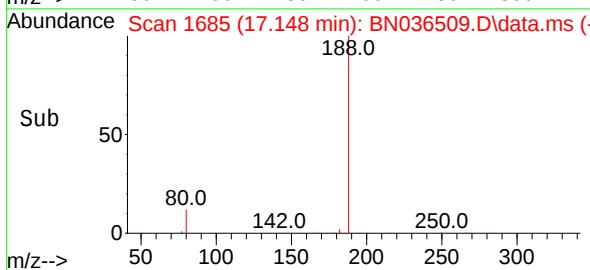
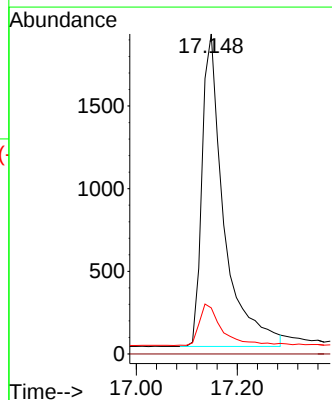
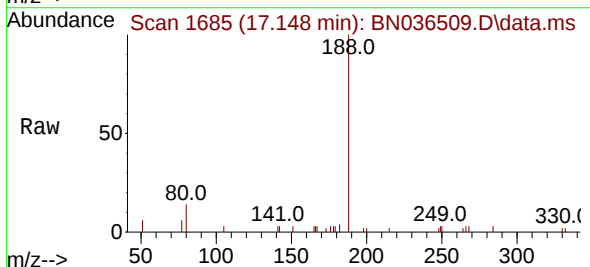
Instrument :  
BNA\_N  
ClientSampleId :  
PB166876BL

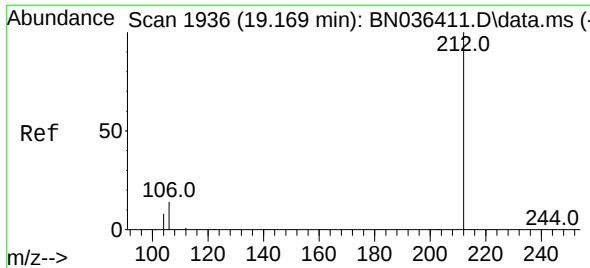
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|-----------|-------|-------|------|
| Tgt Ion:  | 172   | Resp: | 3429 |
| Ion Ratio | Lower | Upper |      |
| 172       | 100   |       |      |
| 171       | 38.2  | 29.6  | 44.4 |
| 170       | 26.7  | 19.8  | 29.6 |



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.148 min Scan# 1685  
Delta R.T. 0.012 min  
Lab File: BN036509.D  
Acq: 26 Feb 2025 14:19

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 188   | Resp: | 5698 |
| Ion Ratio | Lower | Upper |      |
| 188       | 100   |       |      |
| 94        | 0.0   | 0.0   | 0.0  |
| 80        | 14.4  | 9.8   | 14.6 |

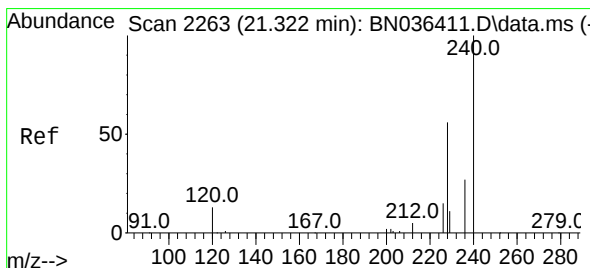
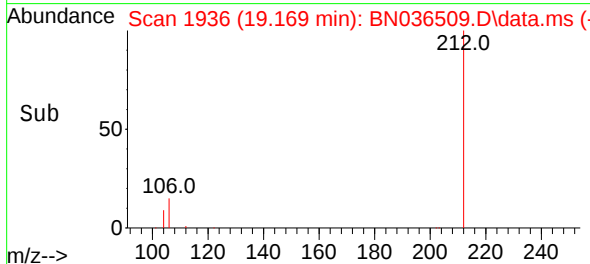
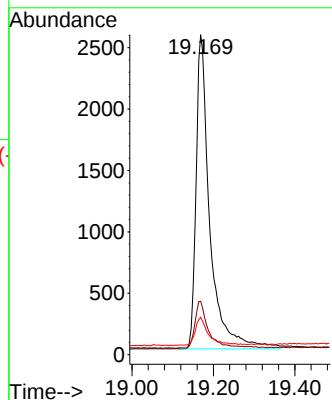
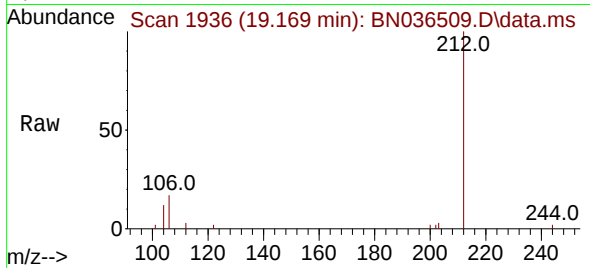




#27  
Fluoranthene-d10  
Concen: 0.378 ng  
RT: 19.169 min Scan# 1936  
Delta R.T. -0.000 min  
Lab File: BN036509.D  
Acq: 26 Feb 2025 14:19

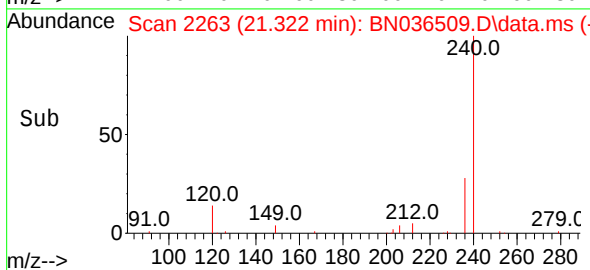
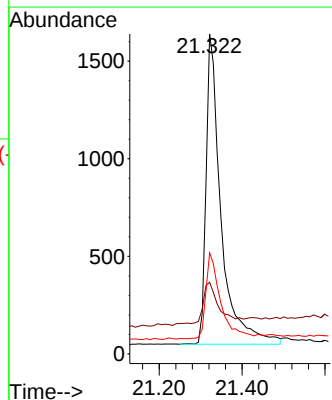
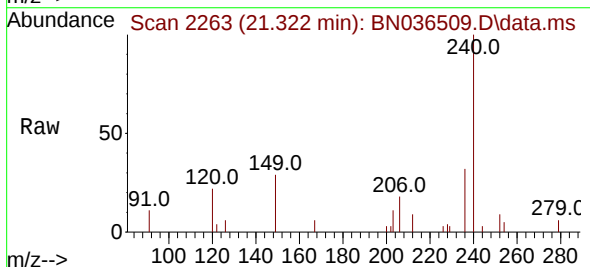
Instrument :  
BNA\_N  
ClientSampleId :  
PB166876BL

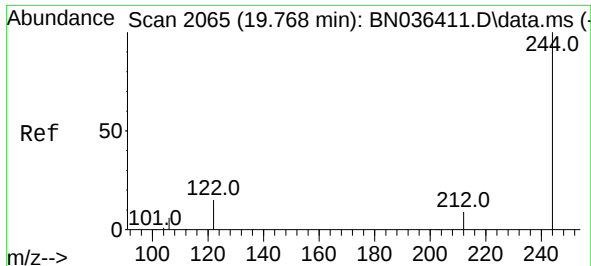
Tgt Ion:212 Resp: 5992  
Ion Ratio Lower Upper  
212 100  
106 14.1 11.5 17.3  
104 8.2 7.1 10.7



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.322 min Scan# 2263  
Delta R.T. -0.000 min  
Lab File: BN036509.D  
Acq: 26 Feb 2025 14:19

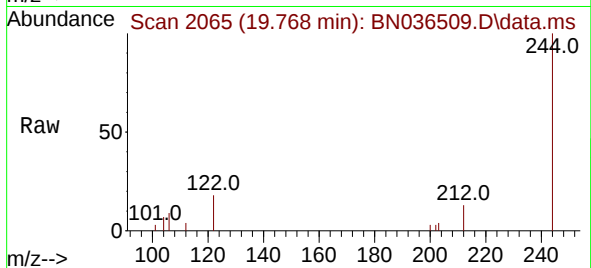
Tgt Ion:240 Resp: 3989  
Ion Ratio Lower Upper  
240 100  
120 22.4 13.3 19.9#  
236 31.6 23.0 34.6



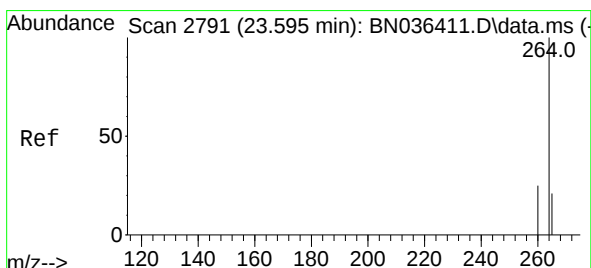
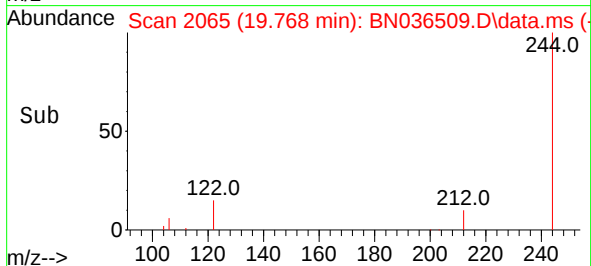
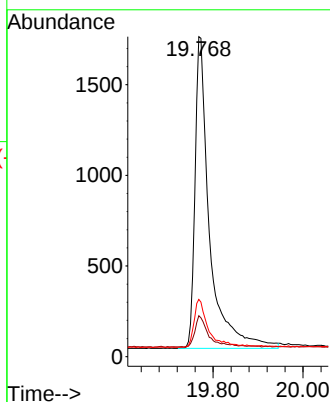


#31  
 Terphenyl-d14  
 Concen: 0.454 ng  
 RT: 19.768 min Scan# 2065  
 Delta R.T. -0.000 min  
 Lab File: BN036509.D  
 Acq: 26 Feb 2025 14:19

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB166876BL



Tgt Ion:244 Resp: 3868  
 Ion Ratio Lower Upper  
 244 100  
 212 12.8 8.1 12.1#  
 122 17.9 12.8 19.2



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.589 min Scan# 2789  
 Delta R.T. -0.006 min  
 Lab File: BN036509.D  
 Acq: 26 Feb 2025 14:19

Tgt Ion:264 Resp: 3507  
 Ion Ratio Lower Upper  
 264 100  
 260 27.3 20.9 31.3  
 265 140.2 60.7 91.1#

