

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN020525\  
 Data File : BN036305.D  
 Acq On : 05 Feb 2025 19:59  
 Operator : RC/JU  
 Sample : PB166470BL  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB166470BL

Quant Time: Feb 06 01:05:53 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN012225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 06 01:04:09 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.775  | 152  | 2016     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.573 | 136  | 4203     | 0.400 | ng    | # 0.01   |
| 13) Acenaphthene-d10        | 14.420 | 164  | 2165     | 0.400 | ng    | 0.01     |
| 19) Phenanthrene-d10        | 17.161 | 188  | 4132     | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12            | 21.349 | 240  | 3837     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12            | 23.630 | 264  | 4121     | 0.400 | ng    | # 0.00   |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.370  | 112  | 1991     | 0.380 | ng    | 0.00     |
| 5) Phenol-d6                | 6.959  | 99   | 1997     | 0.324 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 8.929  | 82   | 1617     | 0.408 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10 | 12.177 | 152  | 2294     | 0.401 | ng    | 0.02     |
| 14) 2,4,6-Tribromophenol    | 15.920 | 330  | 265      | 0.191 | ng    | 0.01     |
| 15) 2-Fluorobiphenyl        | 13.051 | 172  | 3408     | 0.353 | ng    | 0.01     |
| 27) Fluoranthene-d10        | 19.192 | 212  | 4421     | 0.413 | ng    | 0.00     |
| 31) Terphenyl-d14           | 19.791 | 244  | 3578     | 0.449 | ng    | 0.00     |

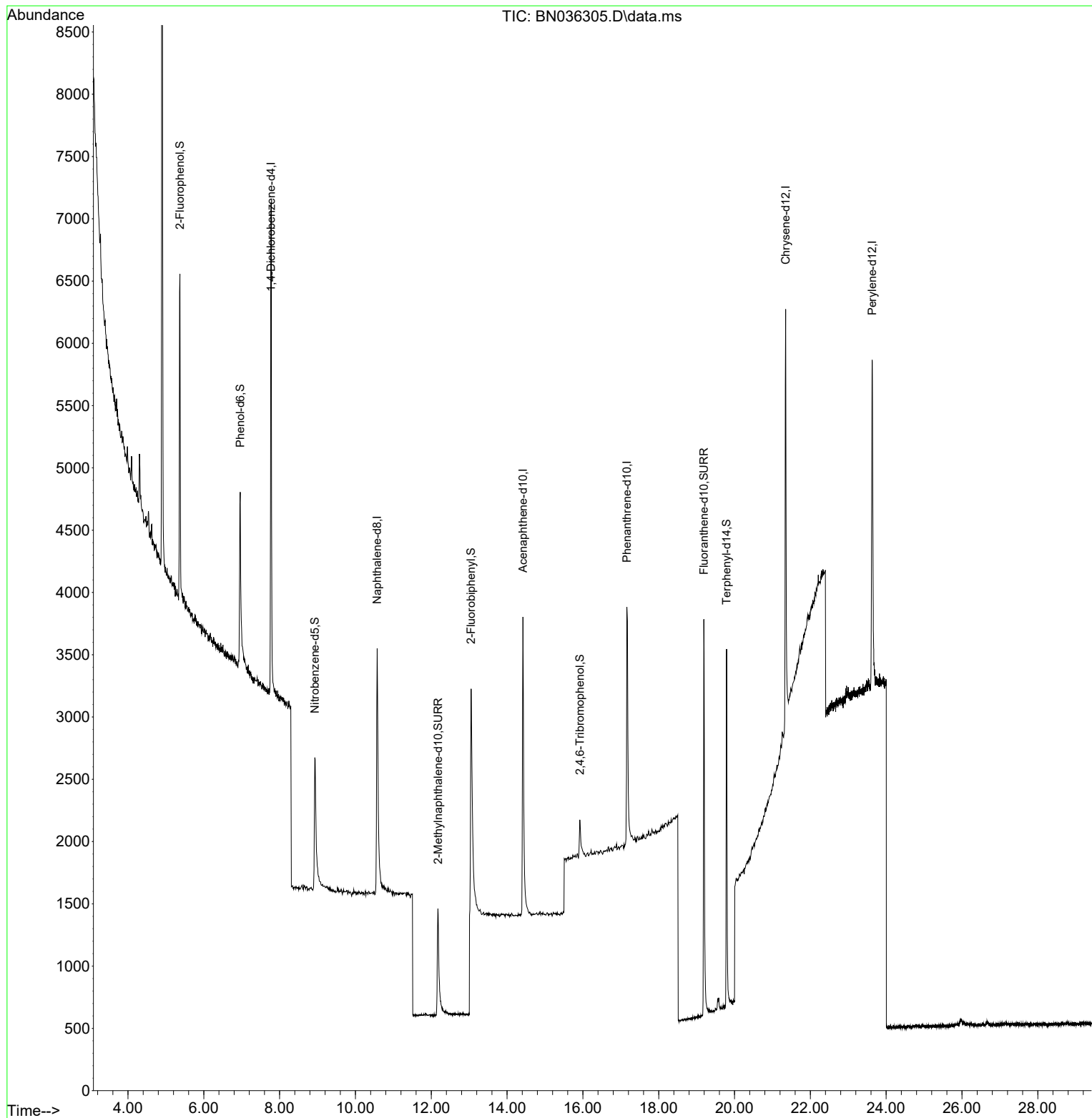
Target Compounds Qvalue

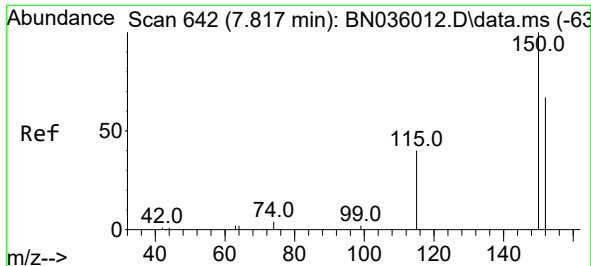
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN020525\  
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Sample : PB166470BL  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB166470BL

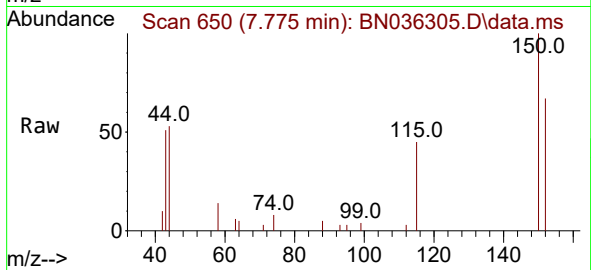
Quant Time: Feb 06 01:05:53 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN012225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Feb 06 01:04:09 2025  
Response via : Initial Calibration



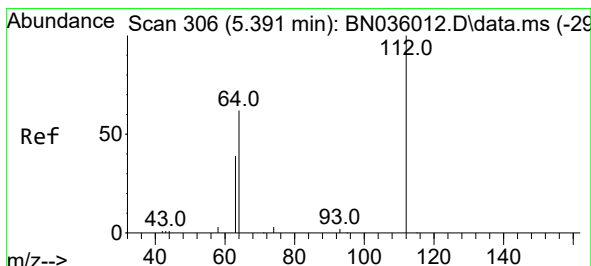
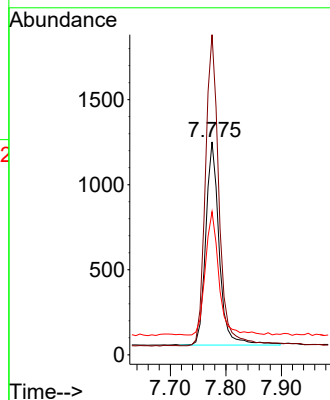
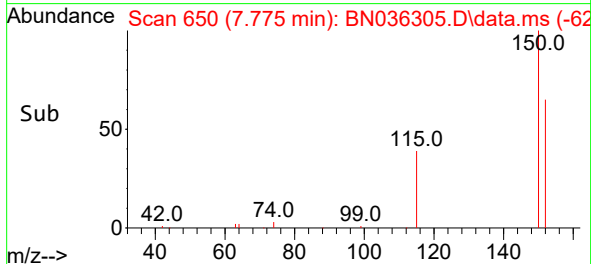


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.775 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BN036305.D  
Acq: 05 Feb 2025 19:59

Instrument :  
BNA\_N  
ClientSampleId :  
PB166470BL

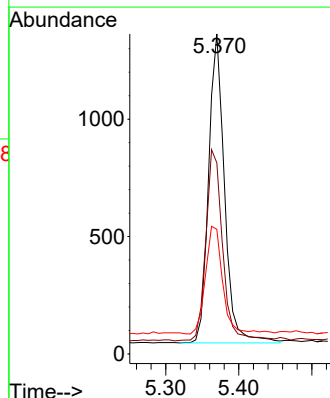
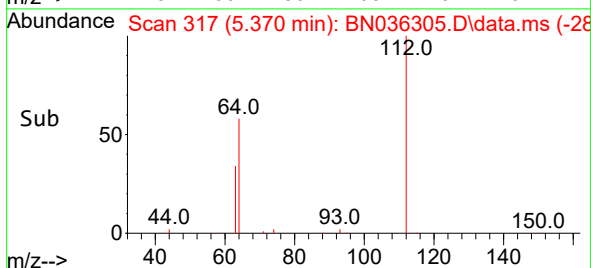
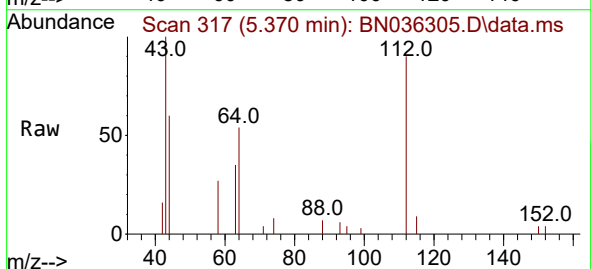


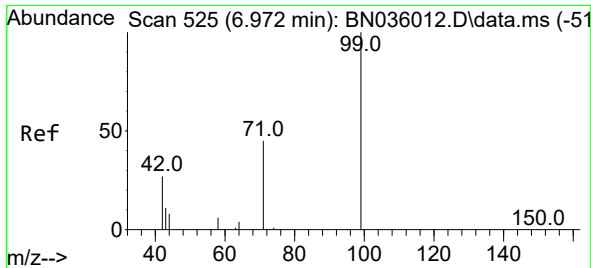
Tgt Ion:152 Resp: 2016  
Ion Ratio Lower Upper  
152 100  
150 150.3 117.4 176.2  
115 67.3 51.0 76.4



#4  
2-Fluorophenol  
Concen: 0.380 ng  
RT: 5.370 min Scan# 317  
Delta R.T. 0.007 min  
Lab File: BN036305.D  
Acq: 05 Feb 2025 19:59

Tgt Ion:112 Resp: 1991  
Ion Ratio Lower Upper  
112 100  
64 64.9 50.0 75.0  
63 37.6 30.7 46.1

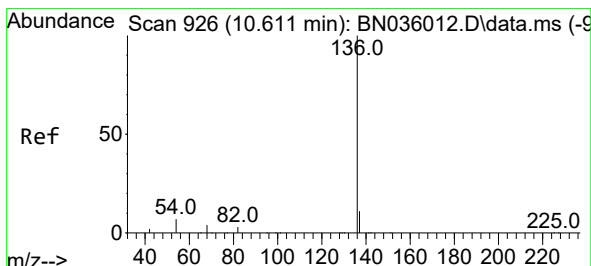
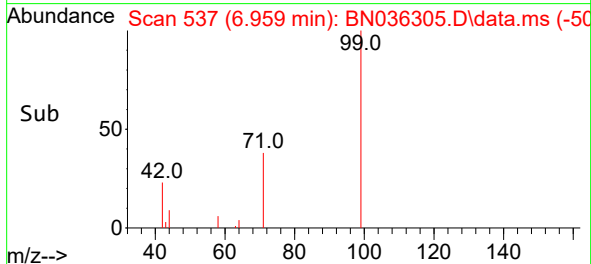
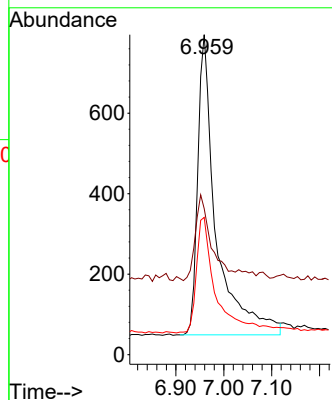
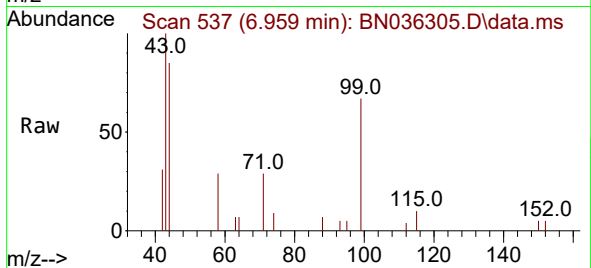




#5  
Phenol-d6  
Concen: 0.324 ng  
RT: 6.959 min Scan# 51  
Delta R.T. 0.007 min  
Lab File: BN036305.D  
Acq: 05 Feb 2025 19:59

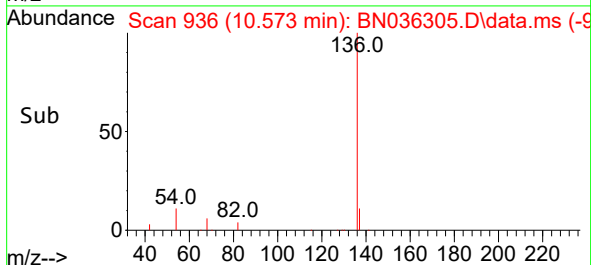
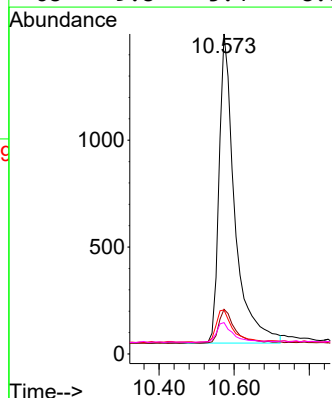
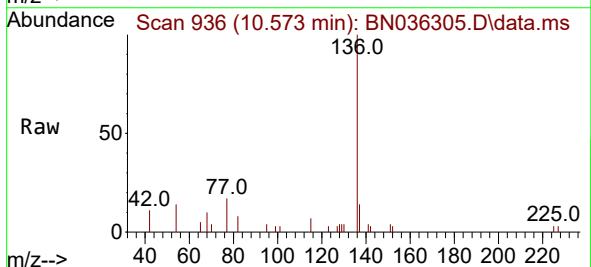
Instrument :  
BNA\_N  
ClientSampleId :  
PB166470BL

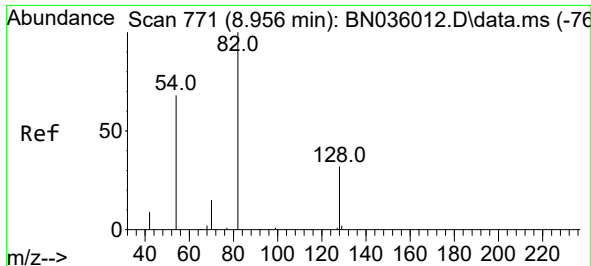
Tgt Ion: 99 Resp: 1997  
Ion Ratio Lower Upper  
99 100  
42 24.9 26.8 40.2#  
71 41.0 36.6 55.0



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.573 min Scan# 936  
Delta R.T. 0.011 min  
Lab File: BN036305.D  
Acq: 05 Feb 2025 19:59

Tgt Ion: 136 Resp: 4203  
Ion Ratio Lower Upper  
136 100  
137 14.0 10.4 15.6  
54 13.8 7.7 11.5#  
68 9.8 5.4 8.0#

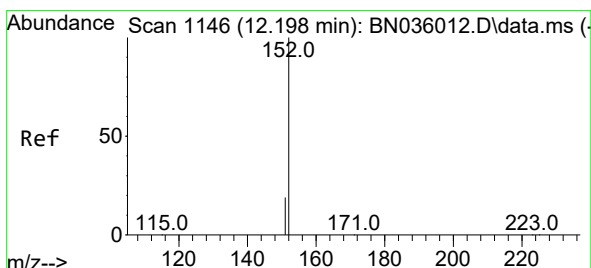
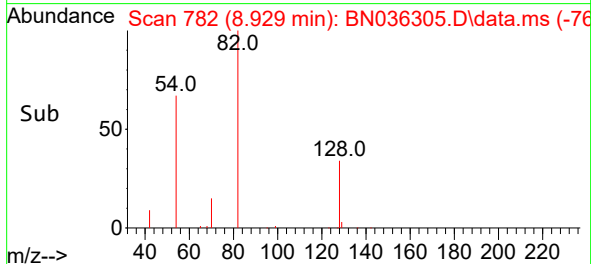
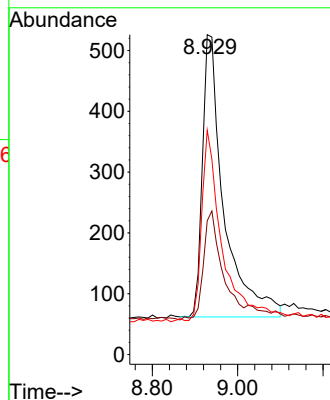
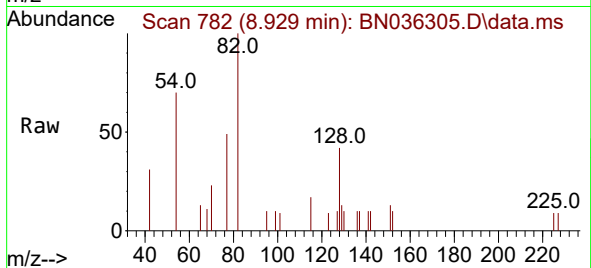




#8  
Nitrobenzene-d5  
Concen: 0.408 ng  
RT: 8.929 min Scan# 711  
Delta R.T. -0.000 min  
Lab File: BN036305.D  
Acq: 05 Feb 2025 19:59

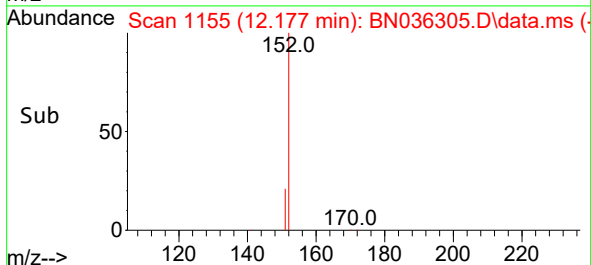
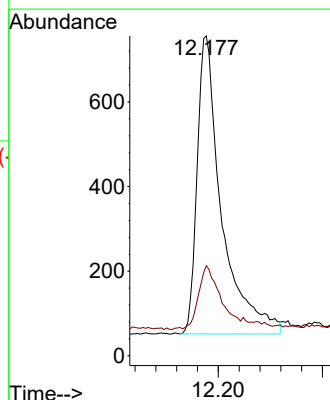
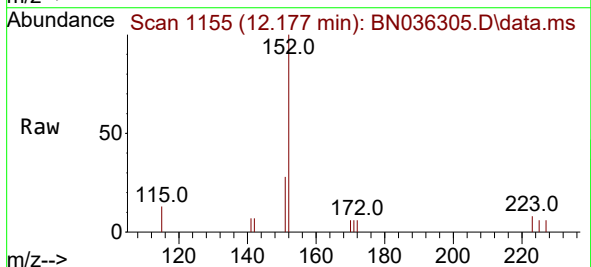
Instrument :  
BNA\_N  
ClientSampleId :  
PB166470BL

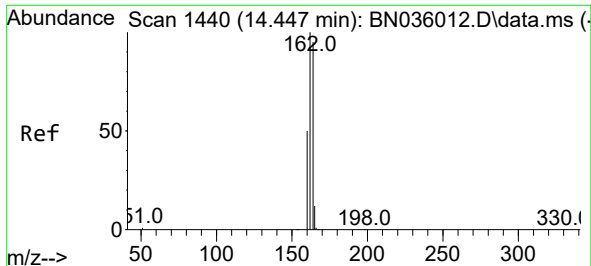
Tgt Ion: 82 Resp: 1617  
Ion Ratio Lower Upper  
82 100  
128 41.8 28.8 43.2  
54 70.2 55.8 83.8



#11  
2-Methylnaphthalene-d10  
Concen: 0.401 ng  
RT: 12.177 min Scan# 1155  
Delta R.T. 0.020 min  
Lab File: BN036305.D  
Acq: 05 Feb 2025 19:59

Tgt Ion: 152 Resp: 2294  
Ion Ratio Lower Upper  
152 100  
151 19.5 16.6 25.0

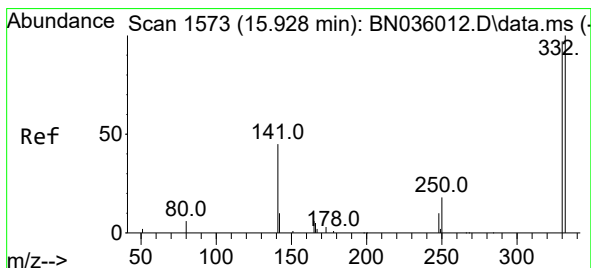
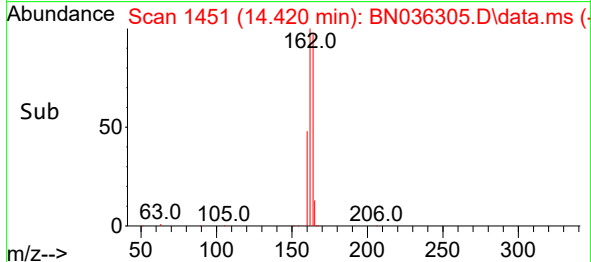
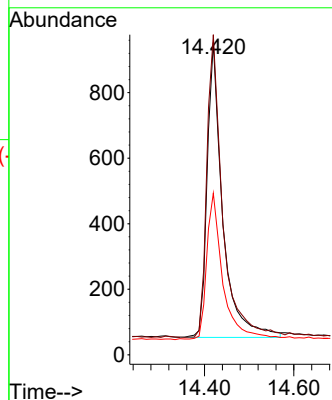
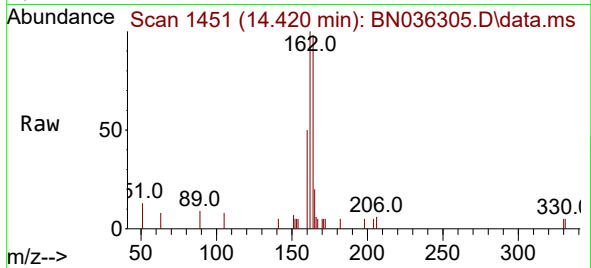




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.420 min Scan# 14  
Delta R.T. 0.011 min  
Lab File: BN036305.D  
Acq: 05 Feb 2025 19:59

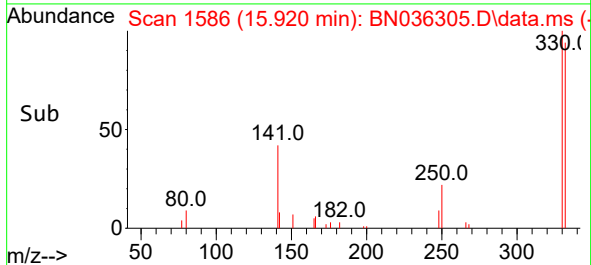
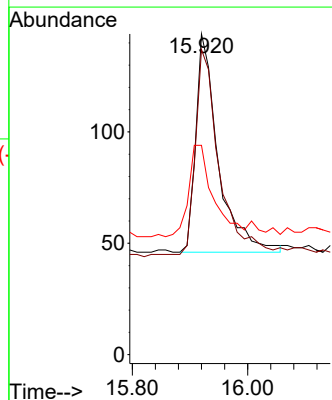
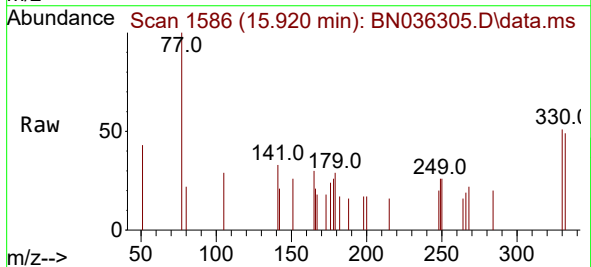
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ClientSampleId :  
PB166470BL

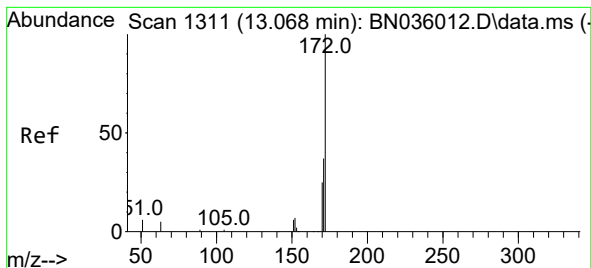
Tgt Ion:164 Resp: 2165  
Ion Ratio Lower Upper  
164 100  
162 102.5 84.1 126.1  
160 51.7 43.8 65.8



#14  
2,4,6-Tribromophenol  
Concen: 0.191 ng  
RT: 15.920 min Scan# 1586  
Delta R.T. 0.012 min  
Lab File: BN036305.D  
Acq: 05 Feb 2025 19:59

Tgt Ion:330 Resp: 265  
Ion Ratio Lower Upper  
330 100  
332 98.1 81.0 121.4  
141 46.0 36.7 55.1





#15

2-Fluorobiphenyl

Concen: 0.353 ng

RT: 13.051 min Scan# 11

Delta R.T. 0.011 min

Lab File: BN036305.D

Acq: 05 Feb 2025 19:59

Instrument :

BNA\_N

ClientSampleId :

PB166470BL

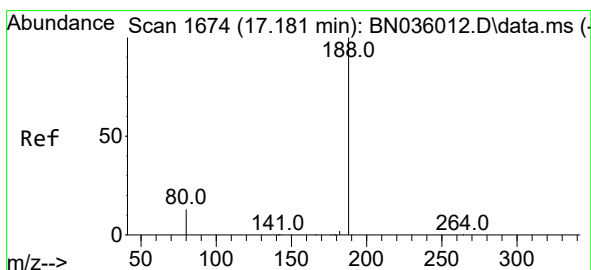
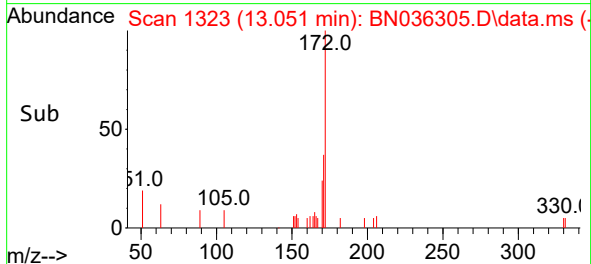
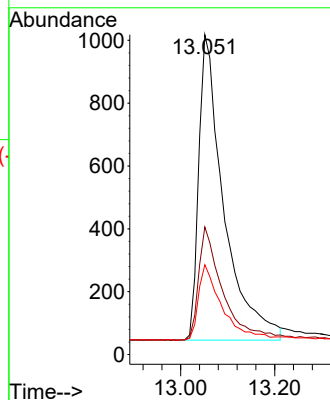
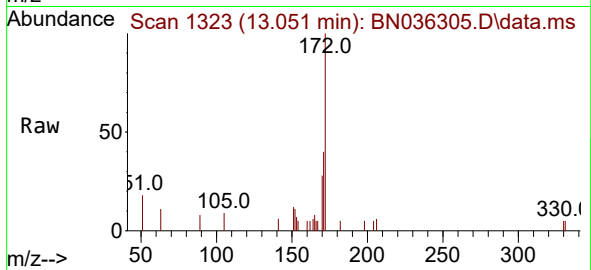
Tgt Ion:172 Resp: 3408

Ion Ratio Lower Upper

172 100

171 39.9 30.9 46.3

170 28.1 21.2 31.8



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.161 min Scan# 1686

Delta R.T. -0.000 min

Lab File: BN036305.D

Acq: 05 Feb 2025 19:59

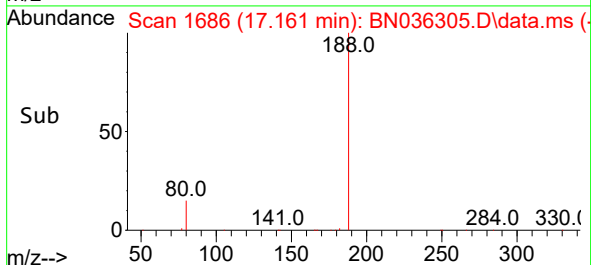
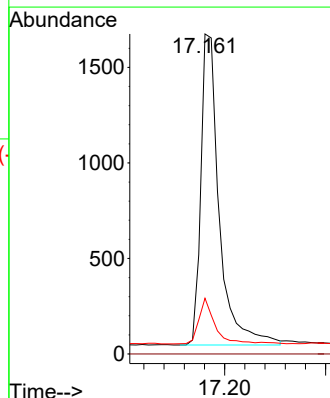
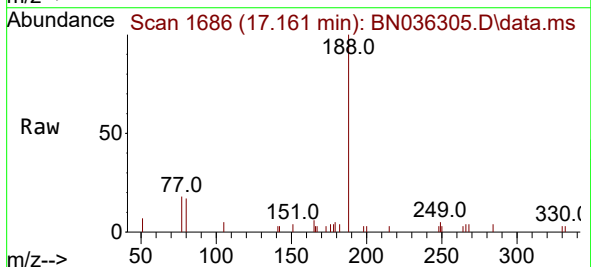
Tgt Ion:188 Resp: 4132

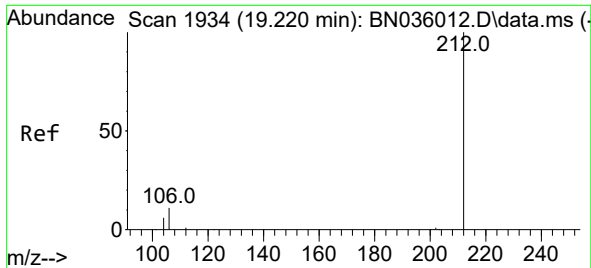
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 17.4 12.3 18.5

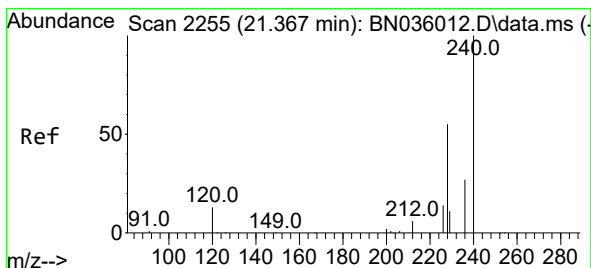
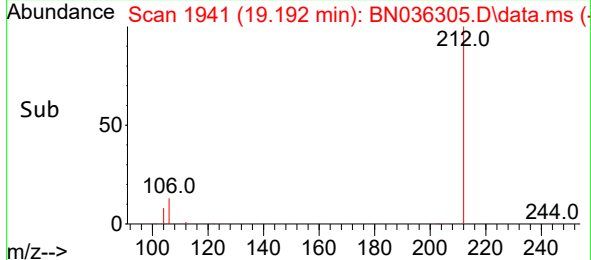
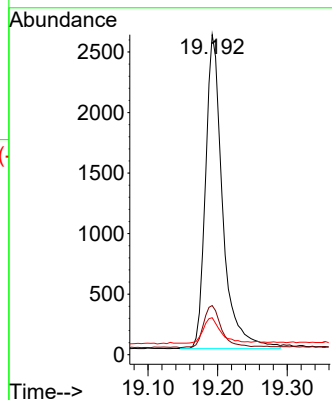
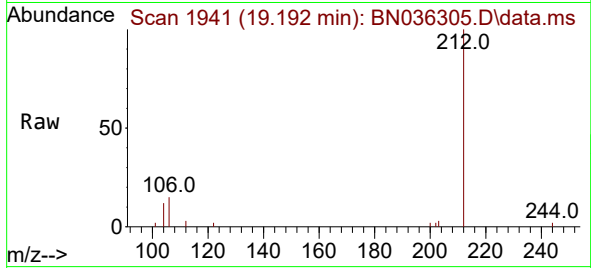




#27  
Fluoranthene-d10  
Concen: 0.413 ng  
RT: 19.192 min Scan# 1941  
Delta R.T. 0.005 min  
Lab File: BN036305.D  
Acq: 05 Feb 2025 19:59

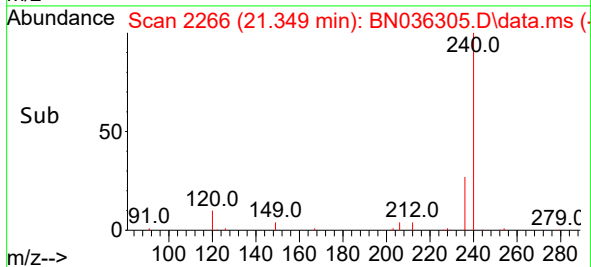
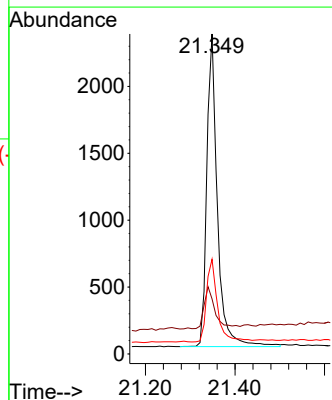
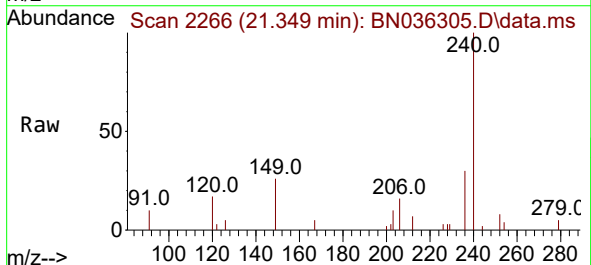
Instrument :  
BNA\_N  
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PB166470BL

Tgt Ion:212 Resp: 4421  
Ion Ratio Lower Upper  
212 100  
106 14.0 9.7 14.5  
104 8.3 6.0 9.0

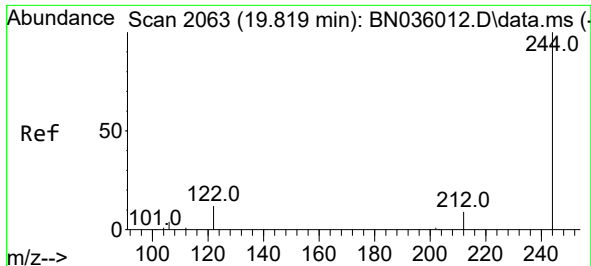


#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.349 min Scan# 2266  
Delta R.T. 0.009 min  
Lab File: BN036305.D  
Acq: 05 Feb 2025 19:59

Tgt Ion:240 Resp: 3837  
Ion Ratio Lower Upper  
240 100  
120 17.2 13.9 20.9  
236 29.6 23.7 35.5

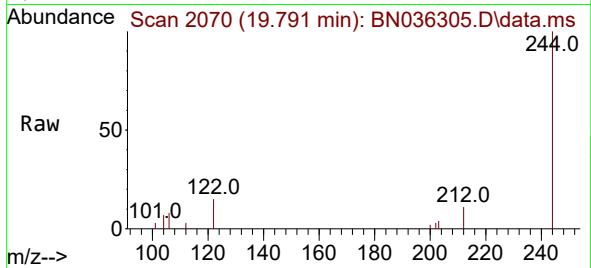




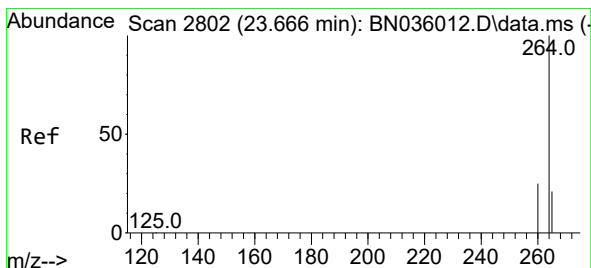
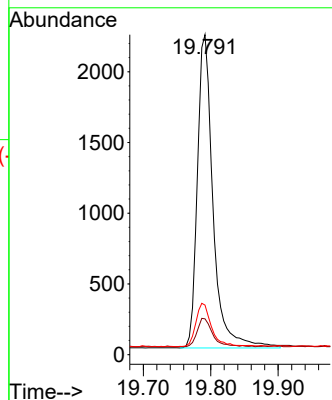


#31  
Terphenyl-d14  
Concen: 0.449 ng  
RT: 19.791 min Scan# 2063  
Delta R.T. -0.000 min  
Lab File: BN036305.D  
Acq: 05 Feb 2025 19:59

Instrument :  
BNA\_N  
ClientSampleId :  
PB166470BL



Tgt Ion:244 Resp: 3578  
Ion Ratio Lower Upper  
244 100  
212 11.2 9.1 13.7  
122 15.5 11.3 16.9



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.630 min Scan# 2803  
Delta R.T. 0.003 min  
Lab File: BN036305.D  
Acq: 05 Feb 2025 19:59

Tgt Ion:264 Resp: 4121  
Ion Ratio Lower Upper  
264 100  
260 27.1 21.8 32.6  
265 125.0 56.6 84.8#

