

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN020525\  
 Data File : BN036326.D  
 Acq On : 06 Feb 2025 09:15  
 Operator : RC/JU  
 Sample : PB166533BS  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB166533BS

Quant Time: Feb 06 09:44:20 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

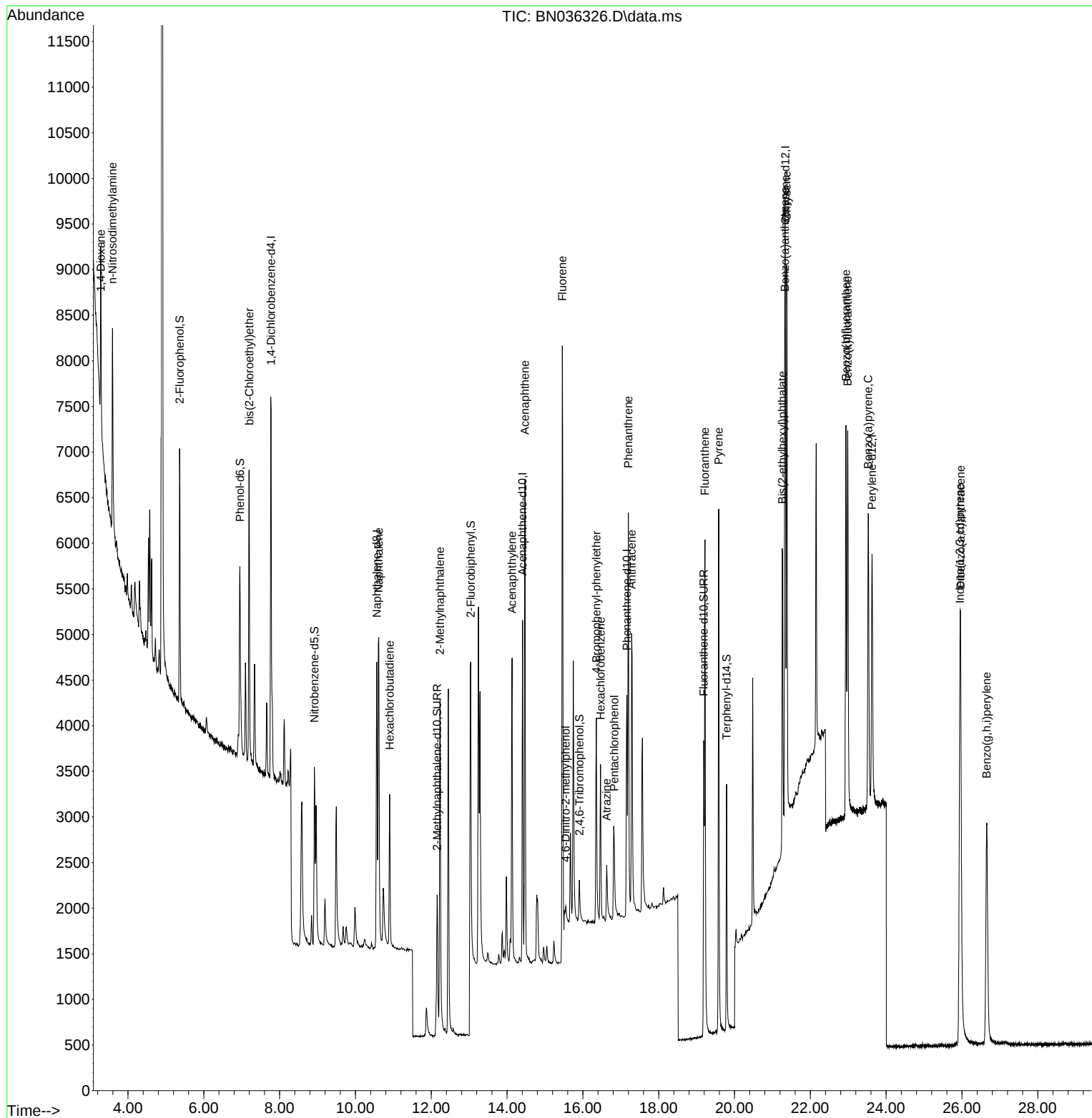
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.775  | 152  | 2094     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.562 | 136  | 4542     | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.409 | 164  | 2195     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.161 | 188  | 4114     | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.340 | 240  | 3845     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.627 | 264  | 4110     | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.363  | 112  | 2027     | 0.372 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.952  | 99   | 2239     | 0.350 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.918  | 82   | 1792     | 0.418 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.156 | 152  | 3318     | 0.537 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.907 | 330  | 314      | 0.223 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.041 | 172  | 3563     | 0.364 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.187 | 212  | 4309     | 0.404 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.791 | 244  | 3165     | 0.396 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.283  | 88   | 883      | 0.377 | ng    | # 62     |
| 3) n-Nitrosodimethylamine     | 3.593  | 42   | 1575     | 0.371 | ng    | # 82     |
| 6) bis(2-Chloroethyl)ether    | 7.197  | 93   | 2506     | 0.487 | ng    | 98       |
| 9) Naphthalene                | 10.616 | 128  | 5279     | 0.400 | ng    | 98       |
| 10) Hexachlorobutadiene       | 10.904 | 225  | 1461     | 0.343 | ng    | # 98     |
| 12) 2-Methylnaphthalene       | 12.233 | 142  | 3265     | 0.399 | ng    | 98       |
| 16) Acenaphthylene            | 14.131 | 152  | 4187     | 0.402 | ng    | 100      |
| 17) Acenaphthene              | 14.473 | 154  | 2815     | 0.395 | ng    | 98       |
| 18) Fluorene                  | 15.457 | 166  | 3530     | 0.395 | ng    | 98       |
| 20) 4,6-Dinitro-2-methylph... | 15.547 | 198  | 147      | 0.153 | ng    | # 15     |
| 21) 4-Bromophenyl-phenylether | 16.354 | 248  | 1037     | 0.354 | ng    | # 88     |
| 22) Hexachlorobenzene         | 16.466 | 284  | 1358     | 0.352 | ng    | 99       |
| 23) Atrazine                  | 16.627 | 200  | 751      | 0.355 | ng    | 95       |
| 24) Pentachlorophenol         | 16.826 | 266  | 787      | 0.471 | ng    | 98       |
| 25) Phenanthrene              | 17.198 | 178  | 4977     | 0.403 | ng    | 98       |
| 26) Anthracene                | 17.285 | 178  | 4467     | 0.397 | ng    | 99       |
| 28) Fluoranthene              | 19.220 | 202  | 5654     | 0.389 | ng    | 98       |
| 30) Pyrene                    | 19.582 | 202  | 5883     | 0.378 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.331 | 228  | 5386     | 0.386 | ng    | 99       |
| 33) Chrysene                  | 21.375 | 228  | 5823     | 0.408 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.259 | 149  | 2780     | 0.364 | ng    | 98       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.946 | 276  | 6801     | 0.412 | ng    | 96       |
| 37) Benzo(b)fluoranthene      | 22.940 | 252  | 5874     | 0.393 | ng    | # 92     |
| 38) Benzo(k)fluoranthene      | 22.984 | 252  | 5840     | 0.388 | ng    | # 90     |
| 39) Benzo(a)pyrene            | 23.528 | 252  | 5255     | 0.412 | ng    | # 88     |
| 40) Dibenzo(a,h)anthracene    | 25.963 | 278  | 5207     | 0.396 | ng    | 96       |
| 41) Benzo(g,h,i)perylene      | 26.650 | 276  | 5607     | 0.391 | ng    | 95       |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN020525\  
Data File : BN036326.D  
Acq On : 06 Feb 2025 09:15  
Operator : RC/JU  
Sample : PB166533BS  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB166533BS

Quant Time: Feb 06 09:44:20 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

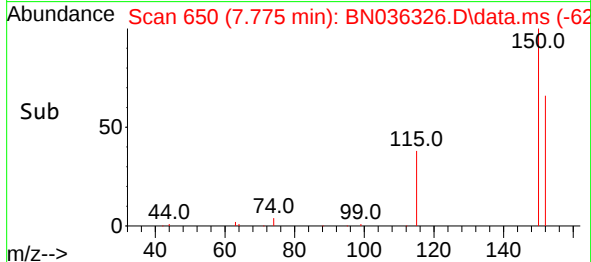
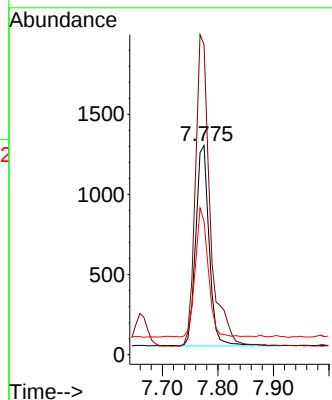
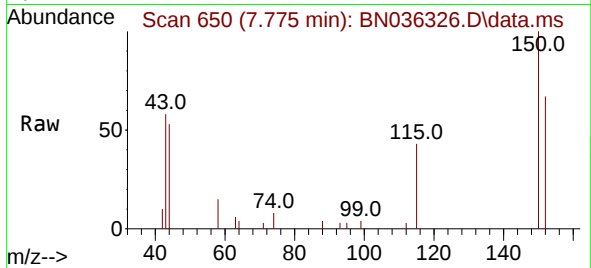




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.775 min Scan# 61  
 Delta R.T. -0.000 min  
 Lab File: BN036326.D  
 Acq: 06 Feb 2025 09:15

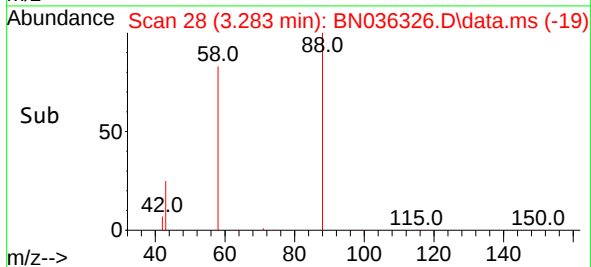
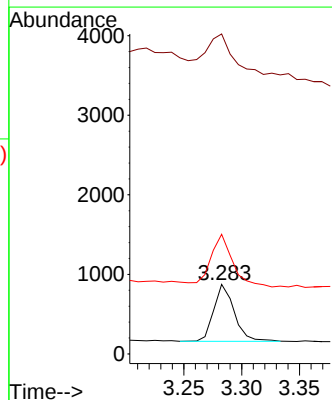
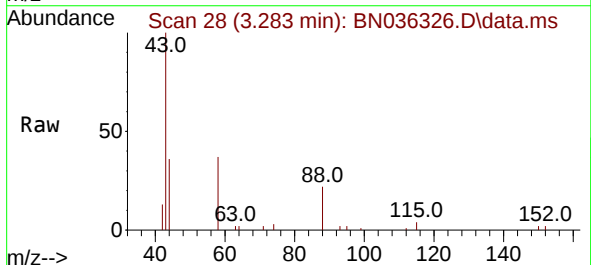
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB166533BS

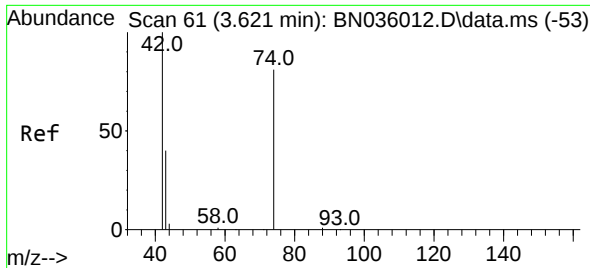
Tgt Ion:152 Resp: 2094  
 Ion Ratio Lower Upper  
 152 100  
 150 148.3 117.4 176.2  
 115 63.8 51.0 76.4



#2  
 1,4-Dioxane  
 Concen: 0.377 ng  
 RT: 3.283 min Scan# 28  
 Delta R.T. -0.007 min  
 Lab File: BN036326.D  
 Acq: 06 Feb 2025 09:15

Tgt Ion: 88 Resp: 883  
 Ion Ratio Lower Upper  
 88 100  
 43 98.2 38.5 57.7#  
 58 99.2 66.6 99.8

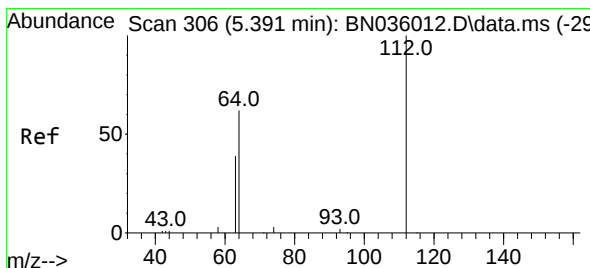
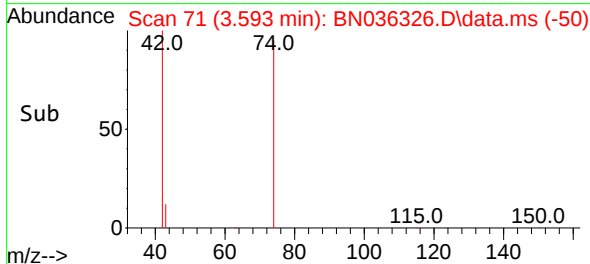
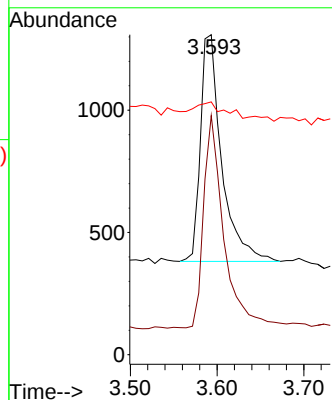
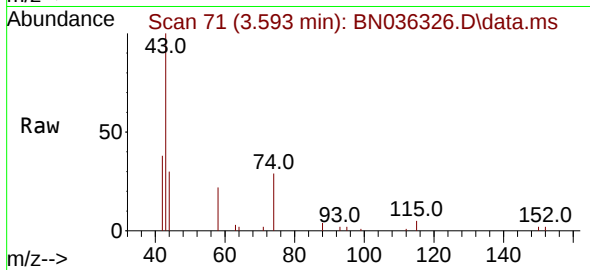




#3  
 n-Nitrosodimethylamine  
 Concen: 0.371 ng  
 RT: 3.593 min Scan# 71  
 Delta R.T. -0.000 min  
 Lab File: BN036326.D  
 Acq: 06 Feb 2025 09:15

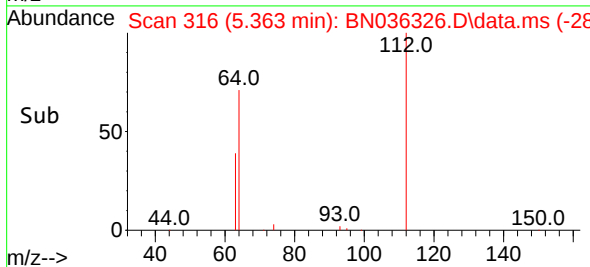
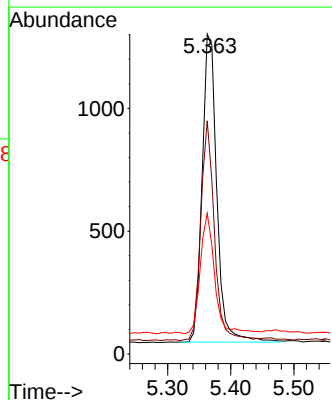
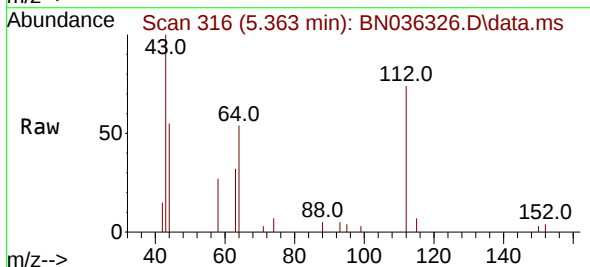
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB166533BS

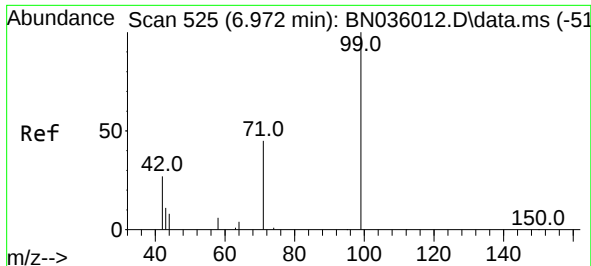
Tgt Ion: 42 Resp: 1575  
 Ion Ratio Lower Upper  
 42 100  
 74 89.1 58.1 87.1#  
 44 9.6 6.2 9.4#



#4  
 2-Fluorophenol  
 Concen: 0.372 ng  
 RT: 5.363 min Scan# 316  
 Delta R.T. -0.000 min  
 Lab File: BN036326.D  
 Acq: 06 Feb 2025 09:15

Tgt Ion: 112 Resp: 2027  
 Ion Ratio Lower Upper  
 112 100  
 64 66.5 50.0 75.0  
 63 38.3 30.7 46.1

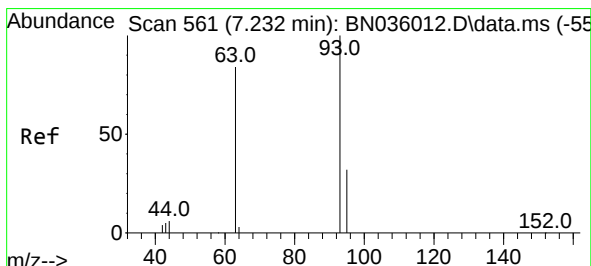
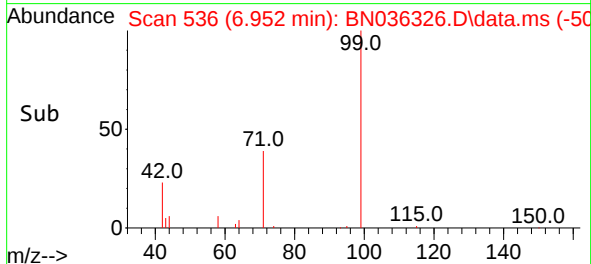
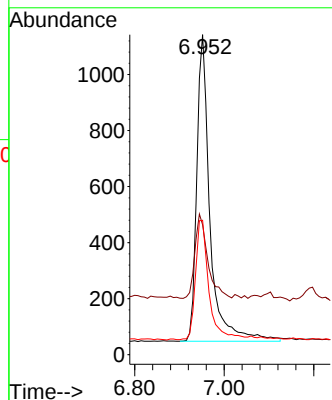
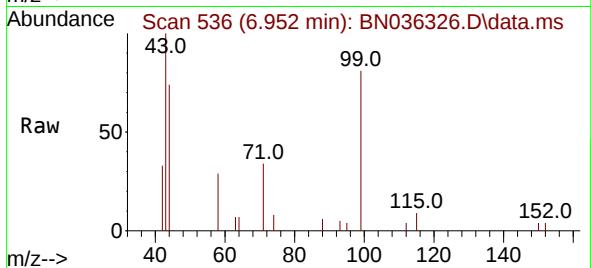




#5  
Phenol-d6  
Concen: 0.350 ng  
RT: 6.952 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: BN036326.D  
Acq: 06 Feb 2025 09:15

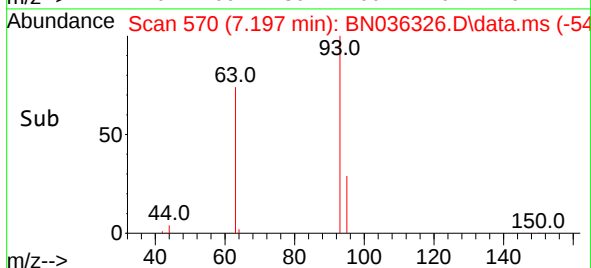
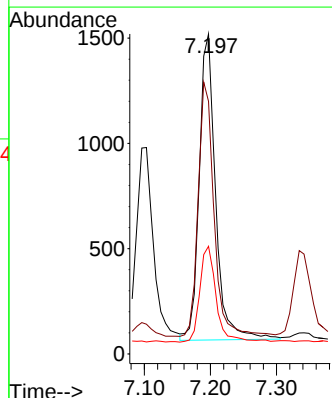
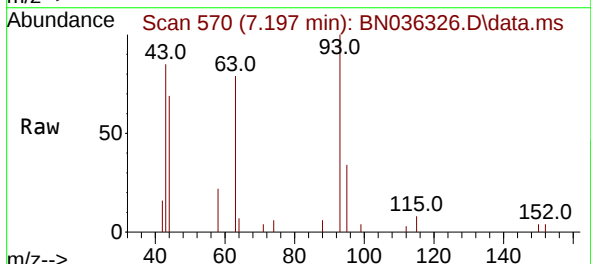
Instrument :  
BNA\_N  
ClientSampleId :  
PB166533BS

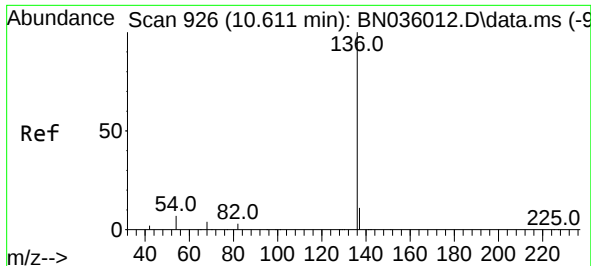
Tgt Ion: 99 Resp: 2239  
Ion Ratio Lower Upper  
99 100  
42 26.7 26.8 40.2#  
71 39.4 36.6 55.0



#6  
bis(2-Chloroethyl)ether  
Concen: 0.487 ng  
RT: 7.197 min Scan# 570  
Delta R.T. -0.000 min  
Lab File: BN036326.D  
Acq: 06 Feb 2025 09:15

Tgt Ion: 93 Resp: 2506  
Ion Ratio Lower Upper  
93 100  
63 80.5 65.8 98.6  
95 31.1 25.8 38.6

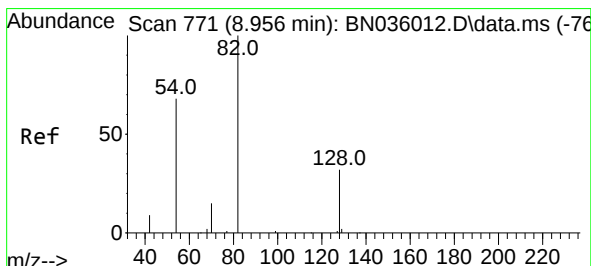
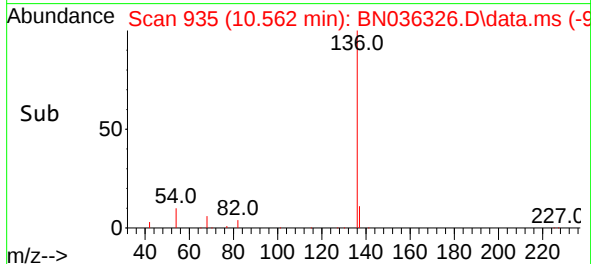
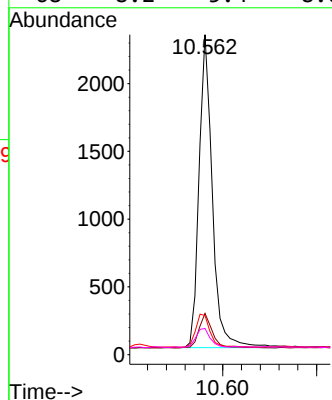
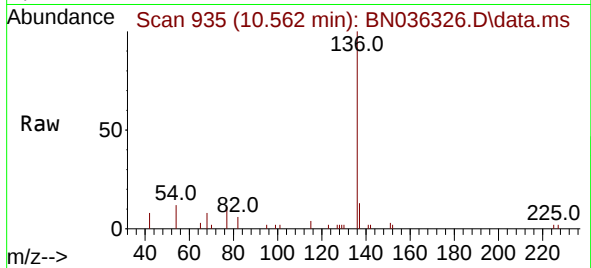




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.562 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BN036326.D  
Acq: 06 Feb 2025 09:15

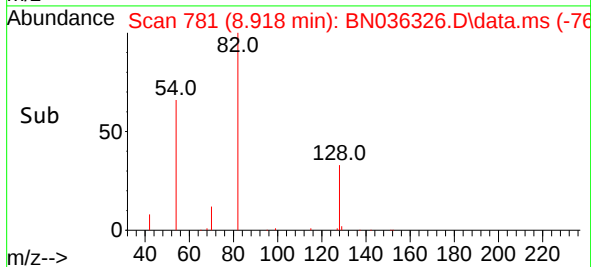
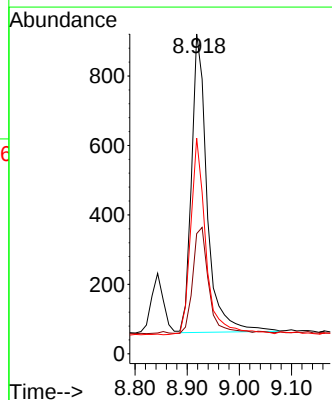
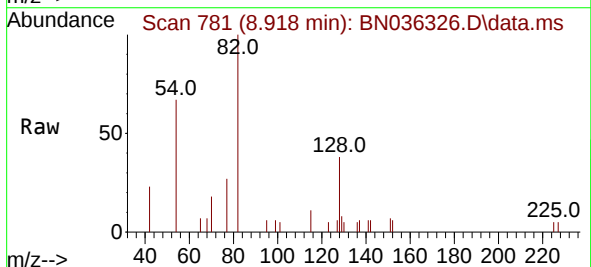
Instrument :  
BNA\_N  
ClientSampleId :  
PB166533BS

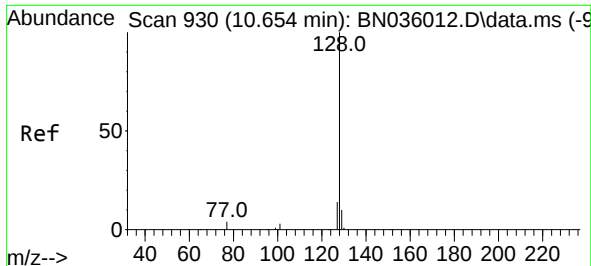
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 4542  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 12.9  | 10.4  | 15.6  |
| 54       | 12.2  | 7.7   | 11.5# |
| 68       | 8.2   | 5.4   | 8.0#  |



#8  
Nitrobenzene-d5  
Concen: 0.418 ng  
RT: 8.918 min Scan# 781  
Delta R.T. -0.011 min  
Lab File: BN036326.D  
Acq: 06 Feb 2025 09:15

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 1792  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 37.6  | 28.8  | 43.2  |
| 54       | 67.4  | 55.8  | 83.8  |

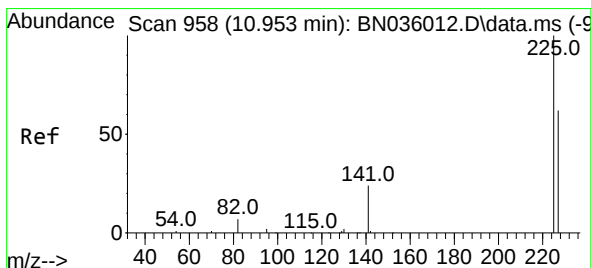
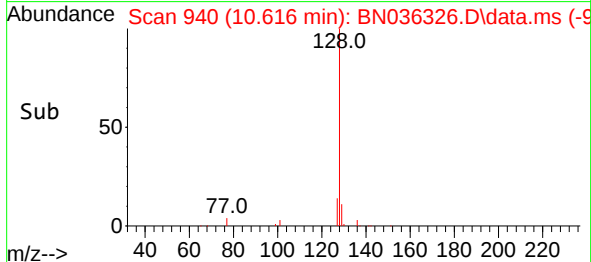
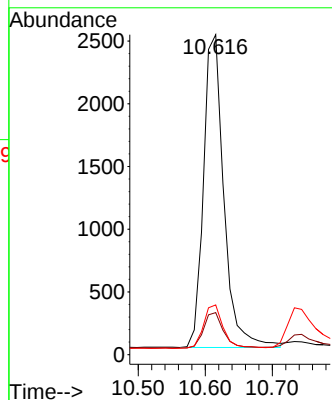
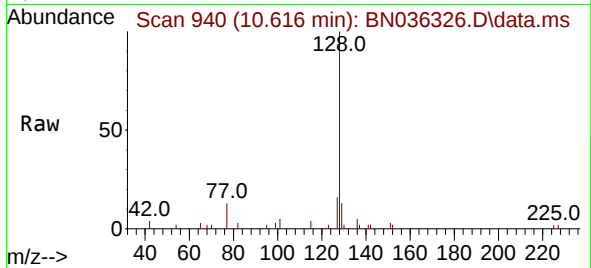




#9  
Naphthalene  
Concen: 0.400 ng  
RT: 10.616 min Scan# 94  
Delta R.T. -0.000 min  
Lab File: BN036326.D  
Acq: 06 Feb 2025 09:15

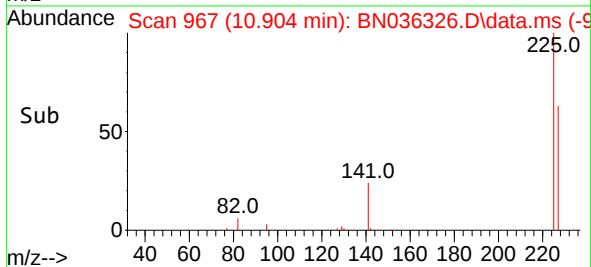
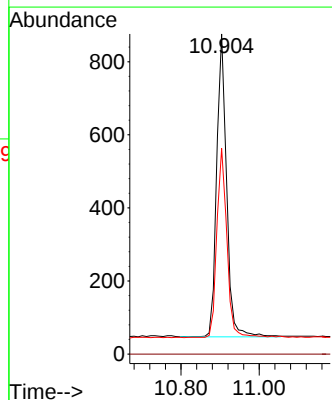
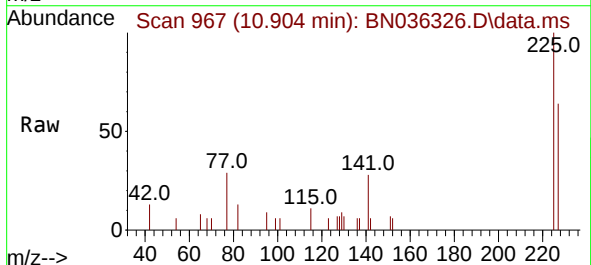
Instrument :  
BNA\_N  
ClientSampleId :  
PB166533BS

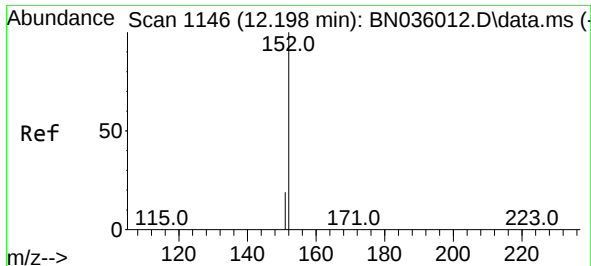
Tgt Ion:128 Resp: 5279  
Ion Ratio Lower Upper  
128 100  
129 13.1 9.4 14.2  
127 15.5 12.6 19.0



#10  
Hexachlorobutadiene  
Concen: 0.343 ng  
RT: 10.904 min Scan# 967  
Delta R.T. -0.000 min  
Lab File: BN036326.D  
Acq: 06 Feb 2025 09:15

Tgt Ion:225 Resp: 1461  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 62.5 51.0 76.6

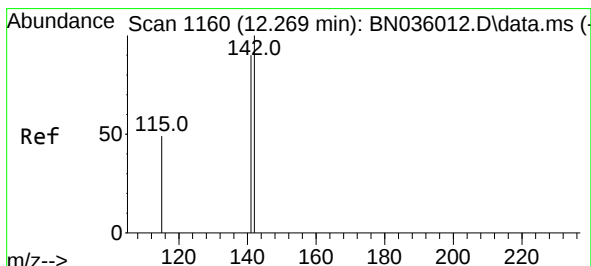
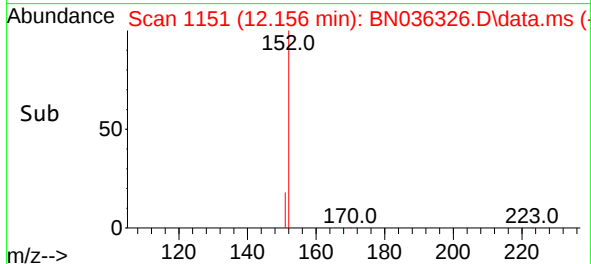
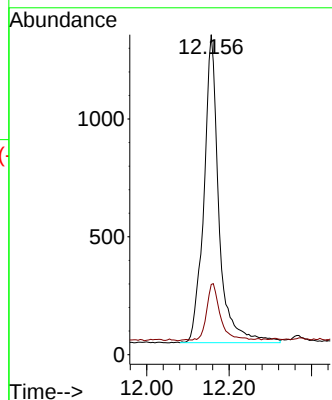
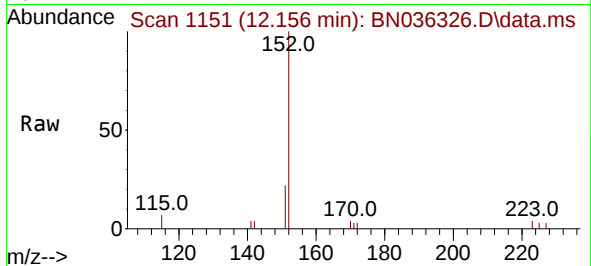




#11  
2-Methylnaphthalene-d10  
Concen: 0.537 ng  
RT: 12.156 min Scan# 1151  
Delta R.T. -0.000 min  
Lab File: BN036326.D  
Acq: 06 Feb 2025 09:15

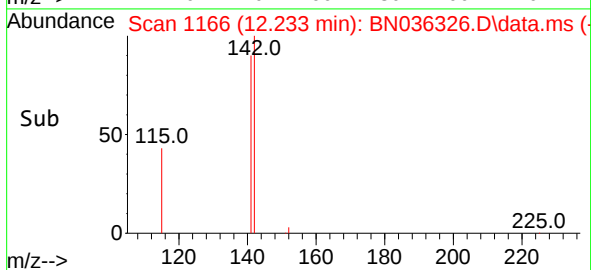
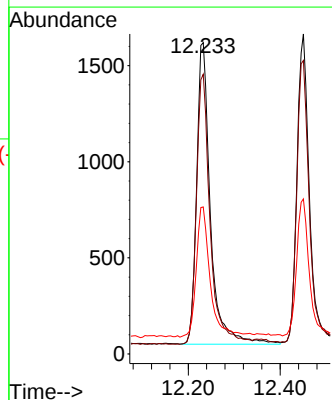
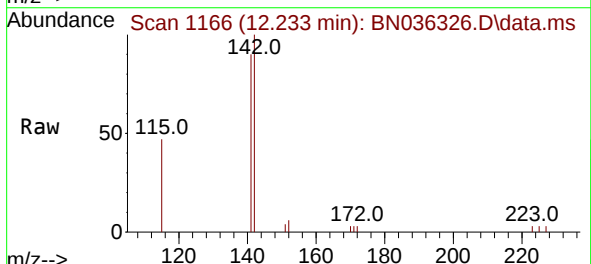
Instrument :  
BNA\_N  
ClientSampleId :  
PB166533BS

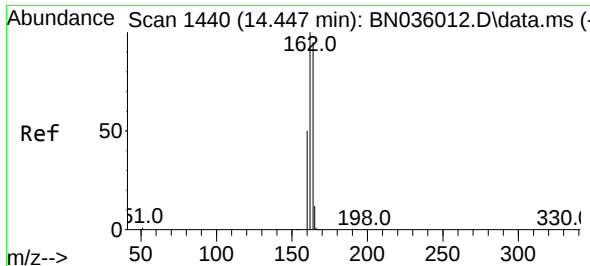
Tgt Ion:152 Resp: 3318  
Ion Ratio Lower Upper  
152 100  
151 16.3 16.6 25.0#



#12  
2-Methylnaphthalene  
Concen: 0.399 ng  
RT: 12.233 min Scan# 1166  
Delta R.T. -0.000 min  
Lab File: BN036326.D  
Acq: 06 Feb 2025 09:15

Tgt Ion:142 Resp: 3265  
Ion Ratio Lower Upper  
142 100  
141 89.8 72.2 108.2  
115 47.2 41.2 61.8

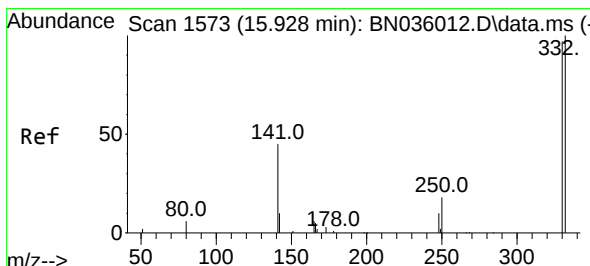
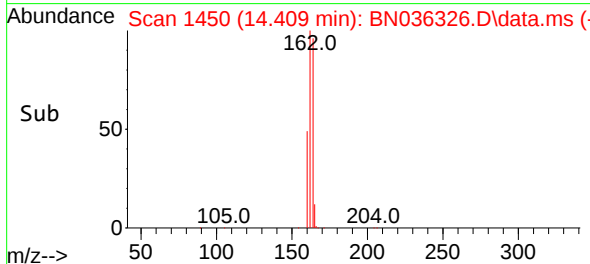
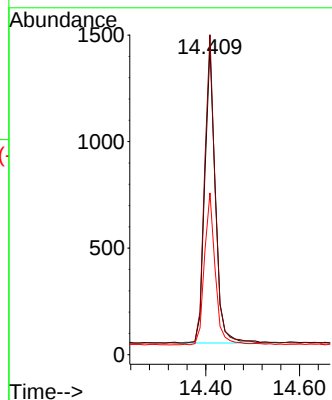
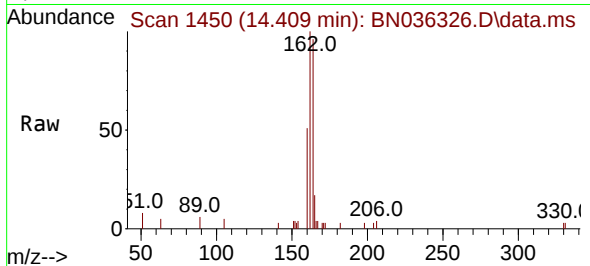




#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.409 min Scan# 14  
 Delta R.T. -0.000 min  
 Lab File: BN036326.D  
 Acq: 06 Feb 2025 09:15

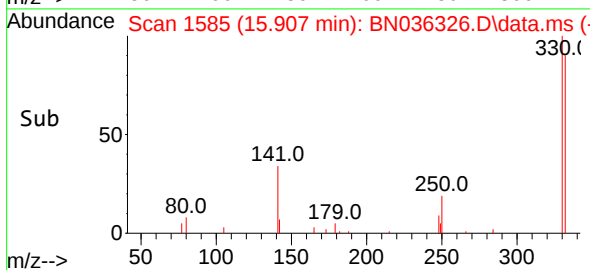
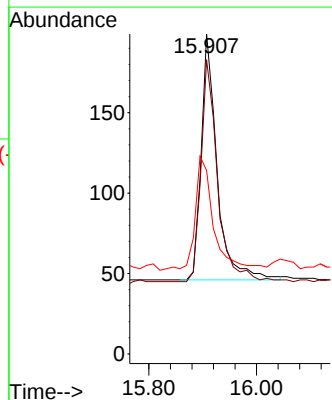
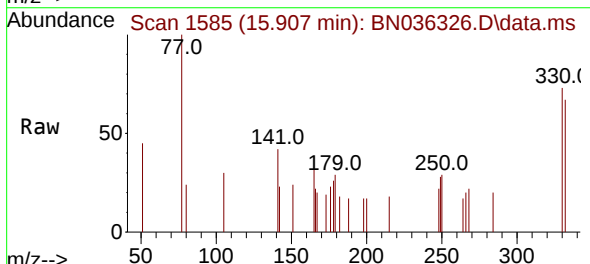
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB166533BS

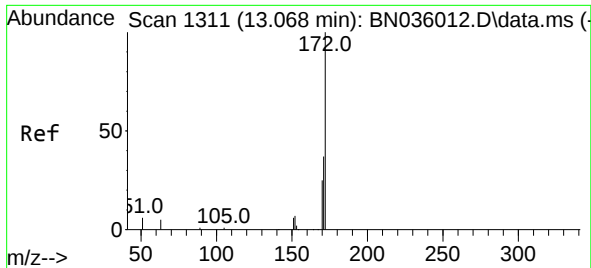
Tgt Ion:164 Resp: 2195  
 Ion Ratio Lower Upper  
 164 100  
 162 103.9 84.1 126.1  
 160 52.5 43.8 65.8



#14  
 2,4,6-Tribromophenol  
 Concen: 0.223 ng  
 RT: 15.907 min Scan# 1585  
 Delta R.T. -0.000 min  
 Lab File: BN036326.D  
 Acq: 06 Feb 2025 09:15

Tgt Ion:330 Resp: 314  
 Ion Ratio Lower Upper  
 330 100  
 332 93.6 81.0 121.4  
 141 49.7 36.7 55.1

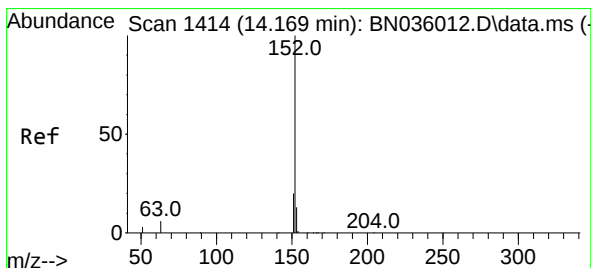
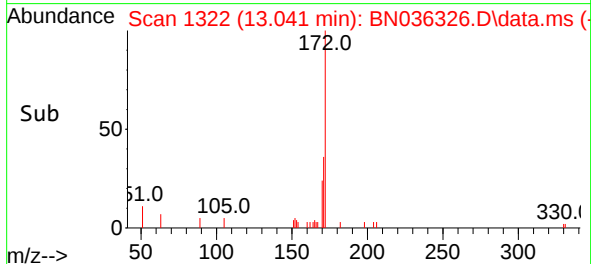
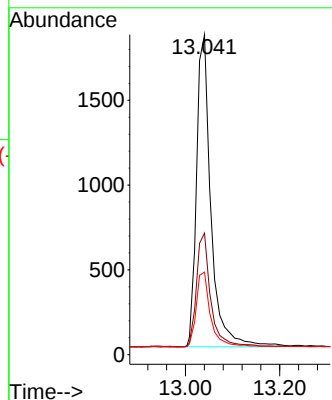
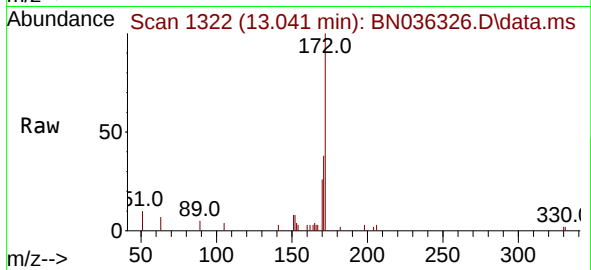




#15  
2-Fluorobiphenyl  
Concen: 0.364 ng  
RT: 13.041 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN036326.D  
Acq: 06 Feb 2025 09:15

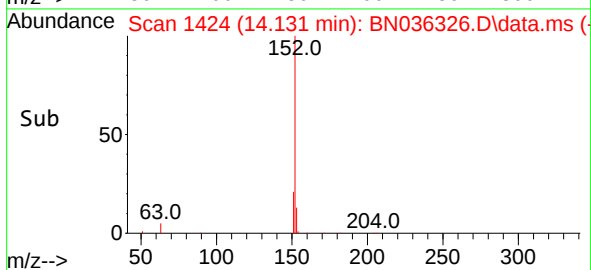
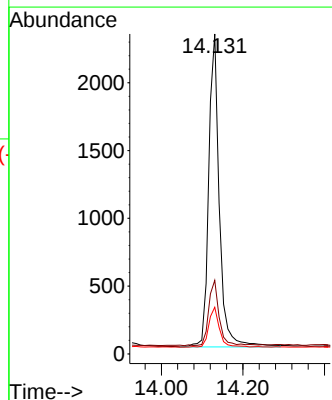
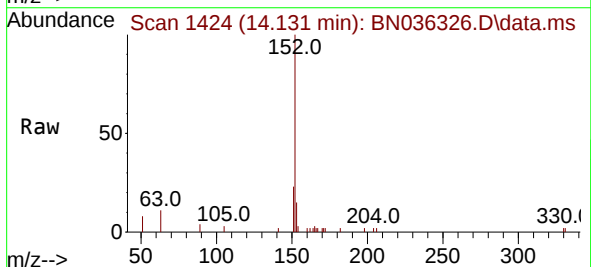
Instrument :  
BNA\_N  
ClientSampleId :  
PB166533BS

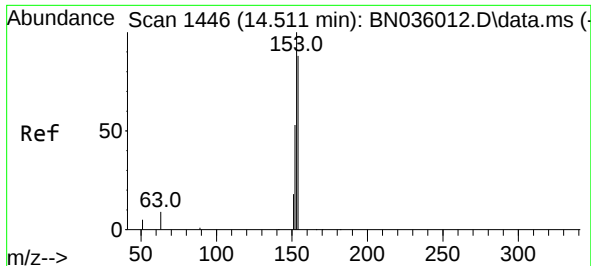
Tgt Ion:172 Resp: 3563  
Ion Ratio Lower Upper  
172 100  
171 38.0 30.9 46.3  
170 25.8 21.2 31.8



#16  
Acenaphthylene  
Concen: 0.402 ng  
RT: 14.131 min Scan# 1424  
Delta R.T. -0.000 min  
Lab File: BN036326.D  
Acq: 06 Feb 2025 09:15

Tgt Ion:152 Resp: 4187  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.2 24.2  
153 12.8 10.4 15.6

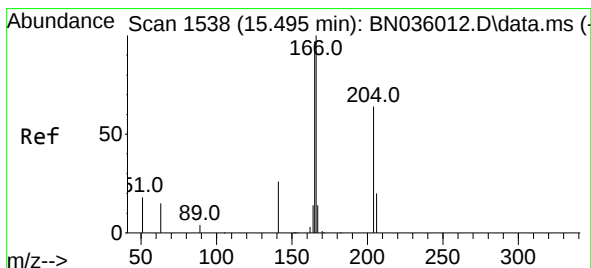
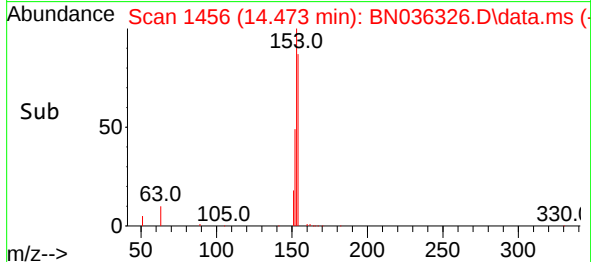
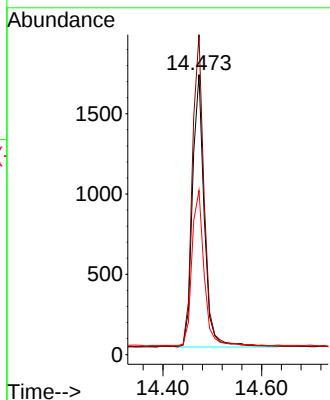
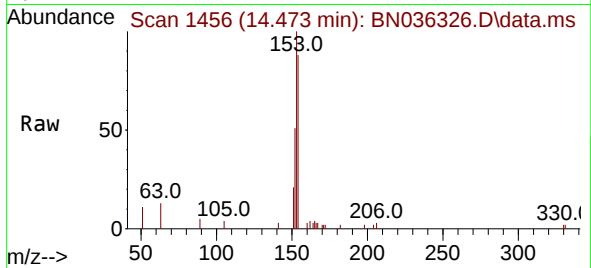




#17  
Acenaphthene  
Concen: 0.395 ng  
RT: 14.473 min Scan# 1446  
Delta R.T. -0.000 min  
Lab File: BN036326.D  
Acq: 06 Feb 2025 09:15

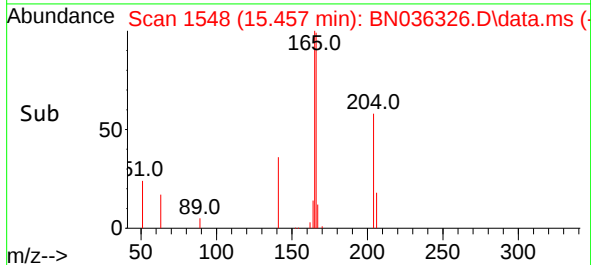
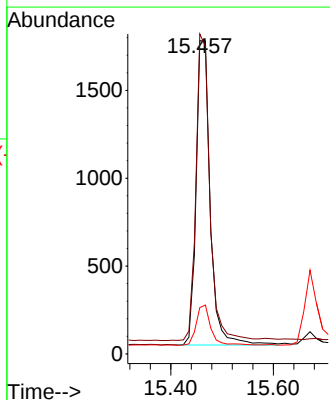
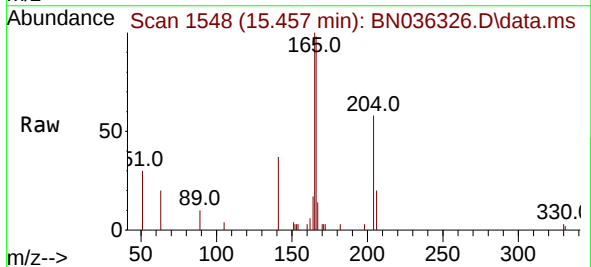
Instrument :  
BNA\_N  
ClientSampleId :  
PB166533BS

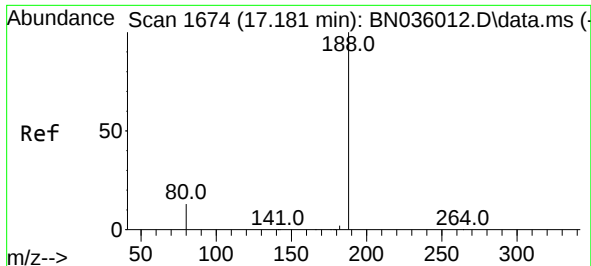
Tgt Ion:154 Resp: 2815  
Ion Ratio Lower Upper  
154 100  
153 113.8 88.9 133.3  
152 59.4 48.1 72.1



#18  
Fluorene  
Concen: 0.395 ng  
RT: 15.457 min Scan# 1548  
Delta R.T. -0.000 min  
Lab File: BN036326.D  
Acq: 06 Feb 2025 09:15

Tgt Ion:166 Resp: 3530  
Ion Ratio Lower Upper  
166 100  
165 96.3 78.5 117.7  
167 13.9 10.7 16.1

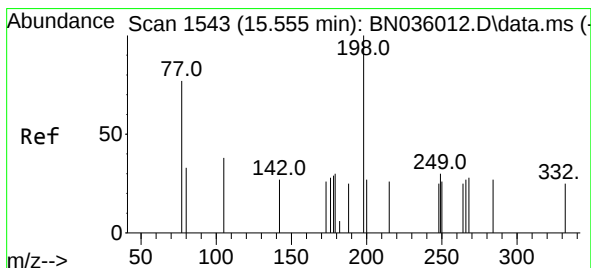
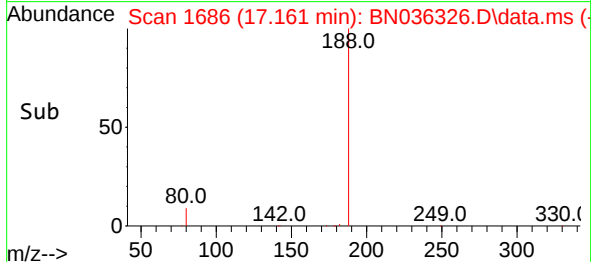
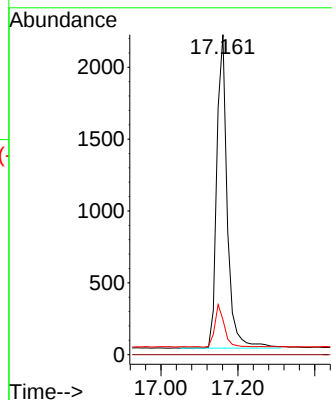
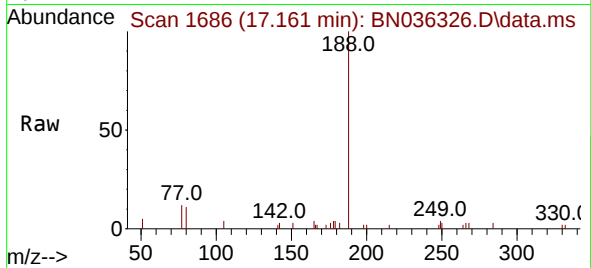




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.161 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BN036326.D  
Acq: 06 Feb 2025 09:15

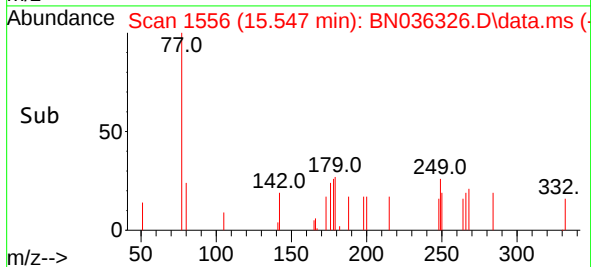
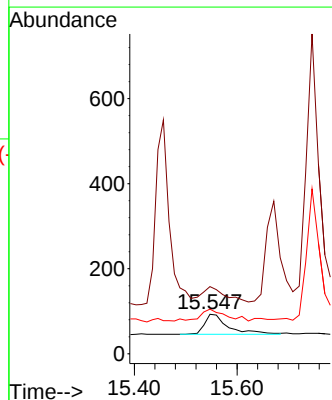
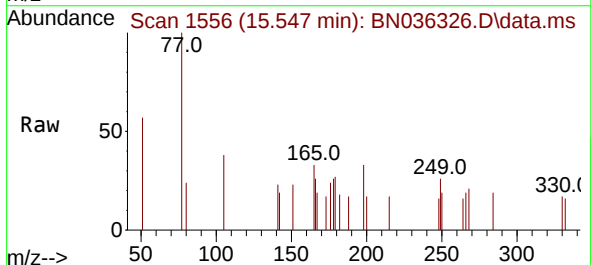
Instrument :  
BNA\_N  
ClientSampleId :  
PB166533BS

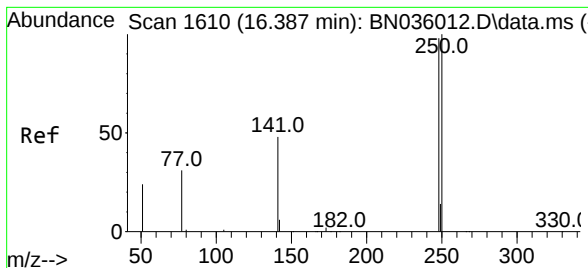
Tgt Ion:188 Resp: 4114  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.0 12.3 18.5#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.153 ng  
RT: 15.547 min Scan# 1556  
Delta R.T. -0.000 min  
Lab File: BN036326.D  
Acq: 06 Feb 2025 09:15

Tgt Ion:198 Resp: 147  
Ion Ratio Lower Upper  
198 100  
51 169.9 68.1 102.1#  
105 112.9 46.5 69.7#

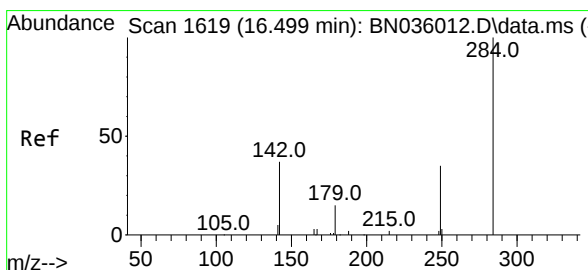
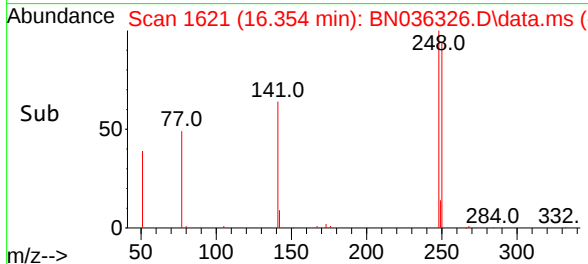
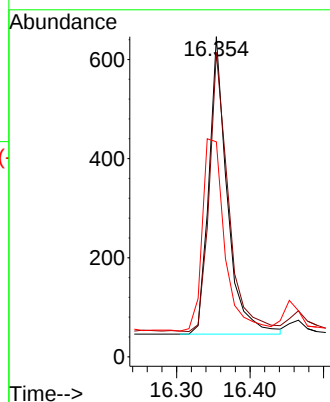
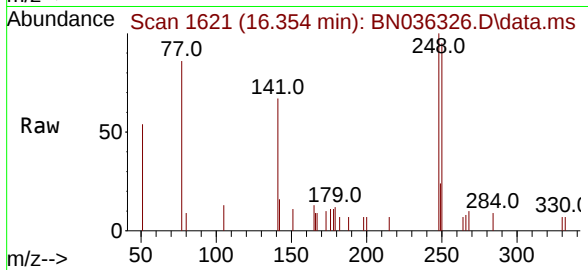




#21  
4-Bromophenyl-phenylether  
Concen: 0.354 ng  
RT: 16.354 min Scan# 1630  
Delta R.T. -0.000 min  
Lab File: BN036326.D  
Acq: 06 Feb 2025 09:15

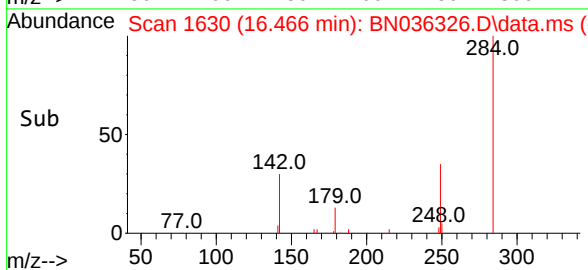
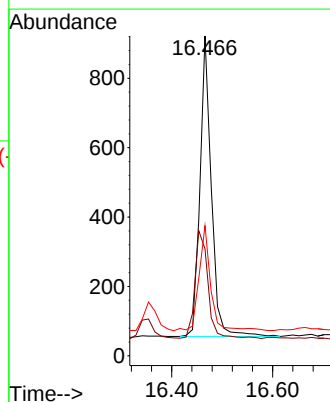
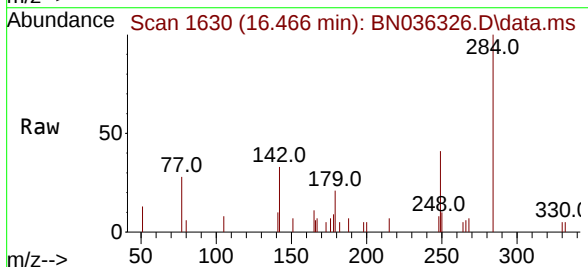
Instrument :  
BNA\_N  
ClientSampleId :  
PB166533BS

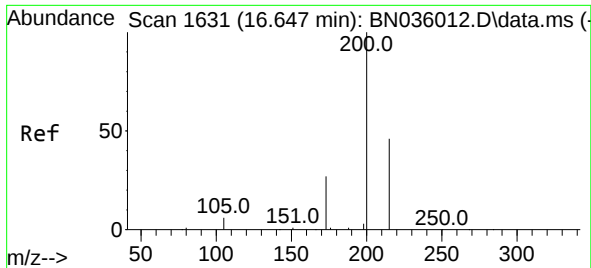
Tgt Ion:248 Resp: 1037  
Ion Ratio Lower Upper  
248 100  
250 95.0 81.5 122.3  
141 67.2 41.8 62.6#



#22  
Hexachlorobenzene  
Concen: 0.352 ng  
RT: 16.466 min Scan# 1630  
Delta R.T. -0.000 min  
Lab File: BN036326.D  
Acq: 06 Feb 2025 09:15

Tgt Ion:284 Resp: 1358  
Ion Ratio Lower Upper  
284 100  
142 41.2 33.6 50.4  
249 36.3 28.8 43.2

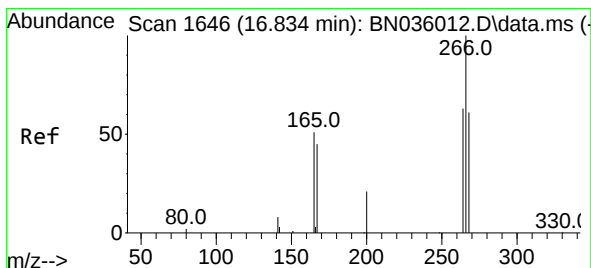
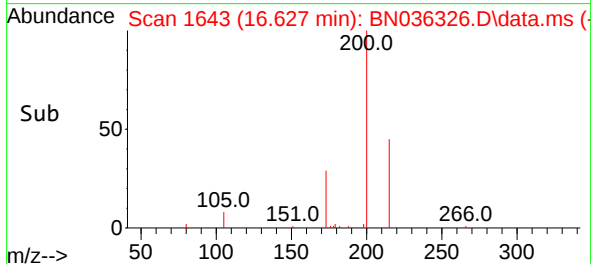
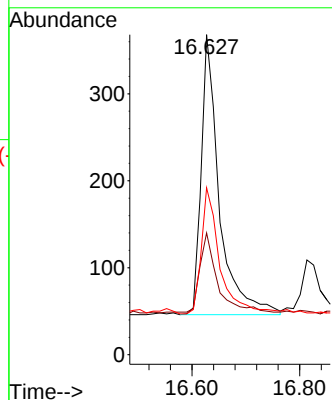
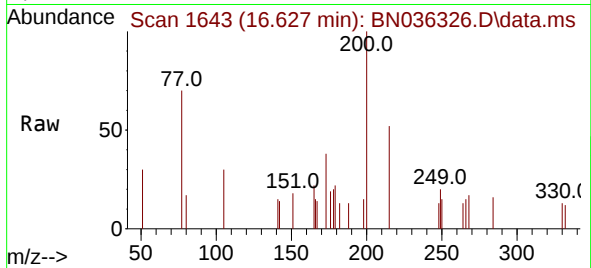




#23  
Atrazine  
Concen: 0.355 ng  
RT: 16.627 min Scan# 1643  
Delta R.T. -0.000 min  
Lab File: BN036326.D  
Acq: 06 Feb 2025 09:15

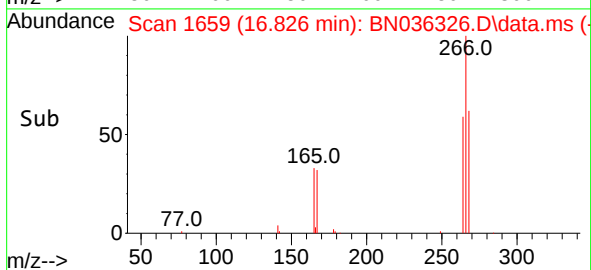
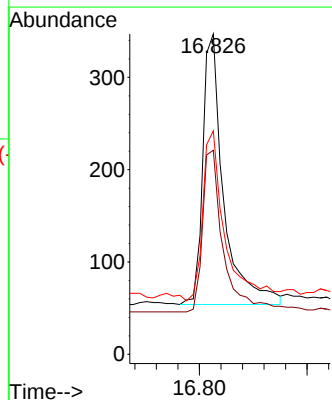
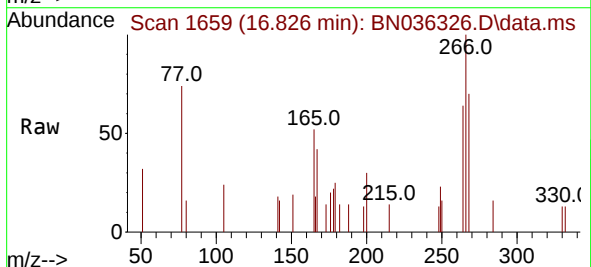
Instrument :  
BNA\_N  
ClientSampleId :  
PB166533BS

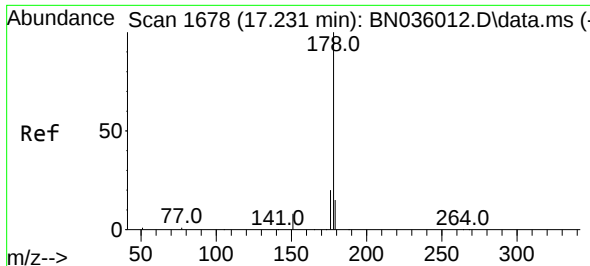
Tgt Ion:200 Resp: 751  
Ion Ratio Lower Upper  
200 100  
173 38.0 26.6 40.0  
215 52.2 40.6 61.0



#24  
Pentachlorophenol  
Concen: 0.471 ng  
RT: 16.826 min Scan# 1659  
Delta R.T. 0.012 min  
Lab File: BN036326.D  
Acq: 06 Feb 2025 09:15

Tgt Ion:266 Resp: 787  
Ion Ratio Lower Upper  
266 100  
264 60.0 48.2 72.2  
268 67.3 51.6 77.4

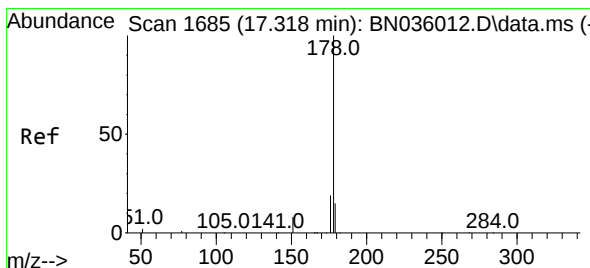
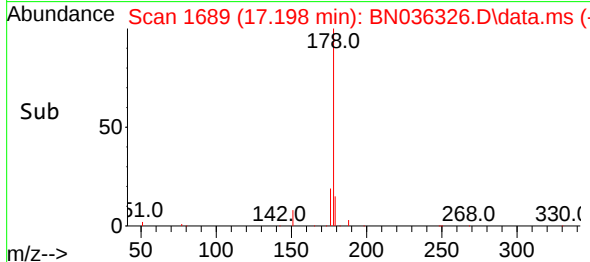
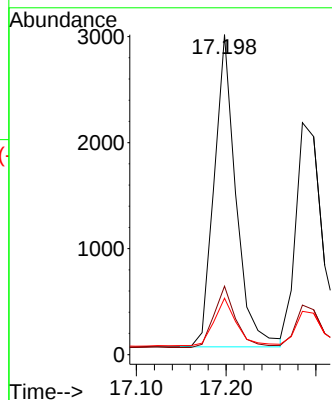
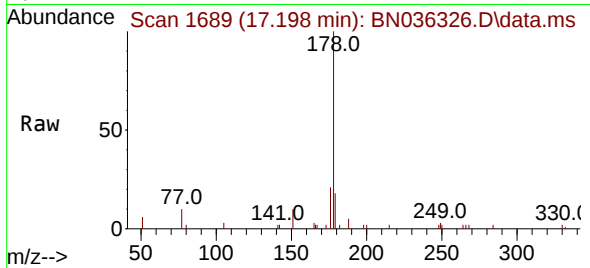




#25  
Phenanthrene  
Concen: 0.403 ng  
RT: 17.198 min Scan# 1689  
Delta R.T. -0.000 min  
Lab File: BN036326.D  
Acq: 06 Feb 2025 09:15

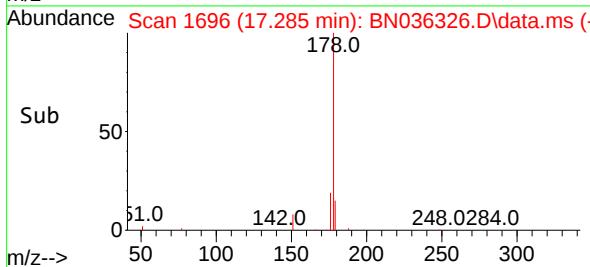
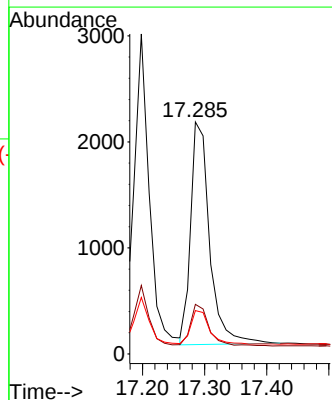
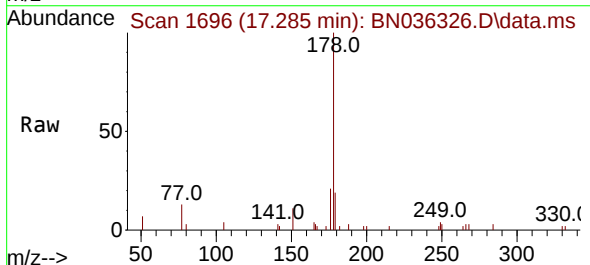
Instrument :  
BNA\_N  
ClientSampleId :  
PB166533BS

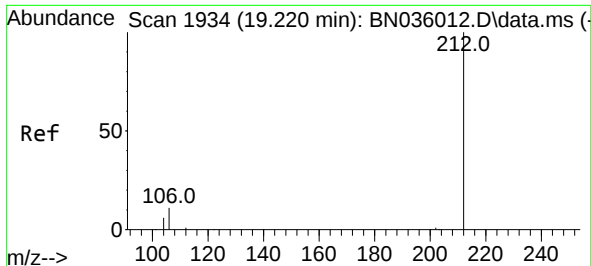
Tgt Ion:178 Resp: 4977  
Ion Ratio Lower Upper  
178 100  
176 19.4 16.0 24.0  
179 16.5 12.4 18.6



#26  
Anthracene  
Concen: 0.397 ng  
RT: 17.285 min Scan# 1696  
Delta R.T. -0.000 min  
Lab File: BN036326.D  
Acq: 06 Feb 2025 09:15

Tgt Ion:178 Resp: 4467  
Ion Ratio Lower Upper  
178 100  
176 18.7 15.4 23.2  
179 15.4 12.0 18.0

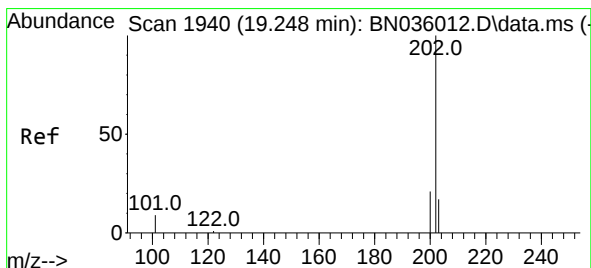
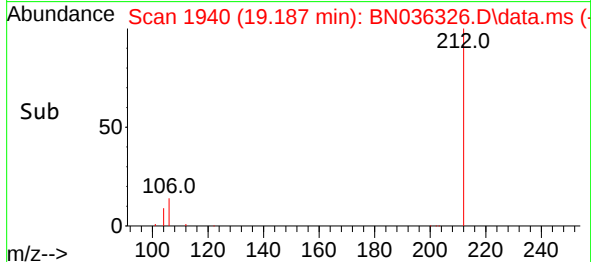
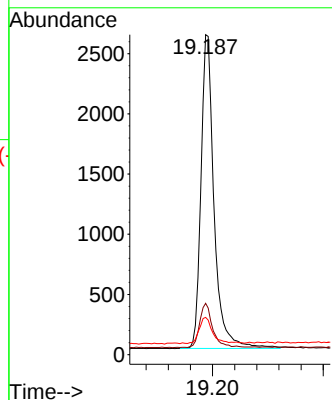
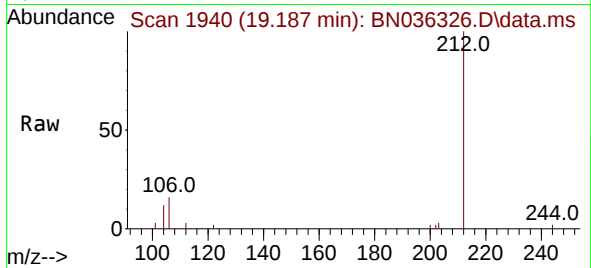




#27  
Fluoranthene-d10  
Concen: 0.404 ng  
RT: 19.187 min Scan# 1940  
Delta R.T. -0.000 min  
Lab File: BN036326.D  
Acq: 06 Feb 2025 09:15

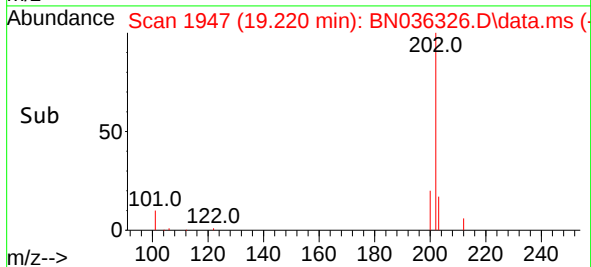
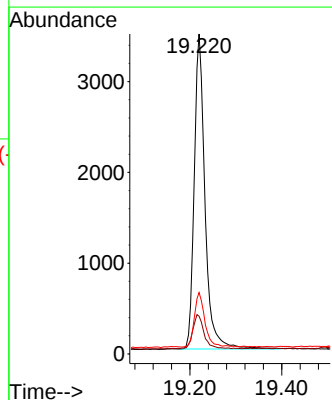
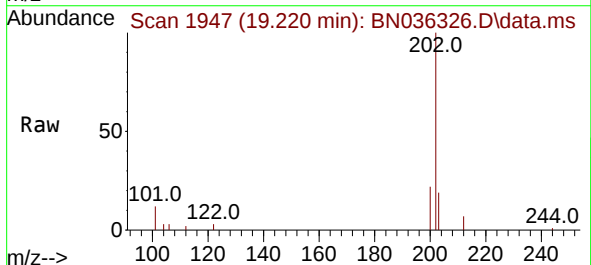
Instrument :  
BNA\_N  
ClientSampleId :  
PB166533BS

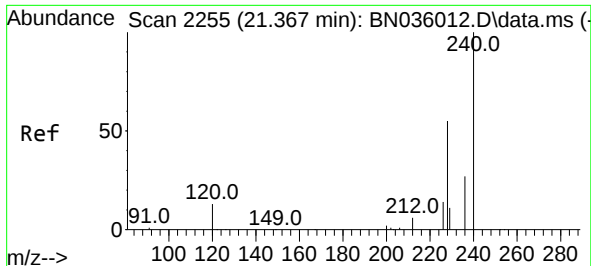
Tgt Ion:212 Resp: 4309  
Ion Ratio Lower Upper  
212 100  
106 14.1 9.7 14.5  
104 8.3 6.0 9.0



#28  
Fluoranthene  
Concen: 0.389 ng  
RT: 19.220 min Scan# 1947  
Delta R.T. -0.000 min  
Lab File: BN036326.D  
Acq: 06 Feb 2025 09:15

Tgt Ion:202 Resp: 5654  
Ion Ratio Lower Upper  
202 100  
101 11.1 7.6 11.4  
203 16.7 13.8 20.6

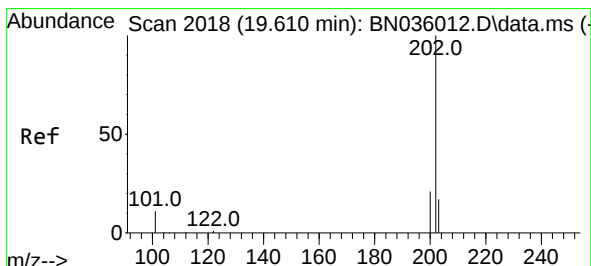
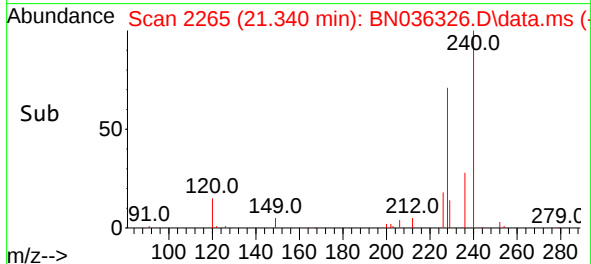
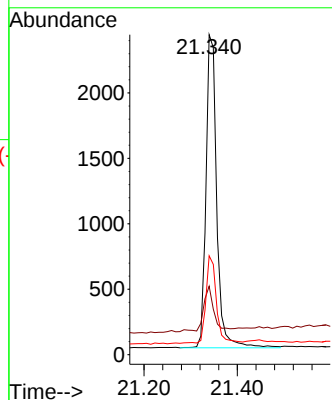
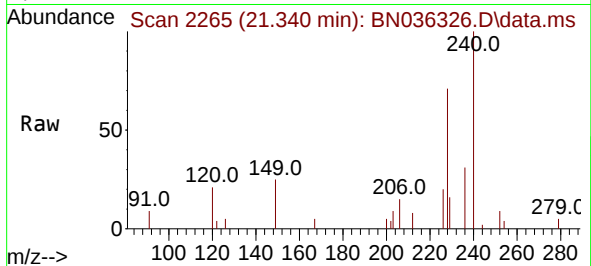




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.340 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BN036326.D  
Acq: 06 Feb 2025 09:15

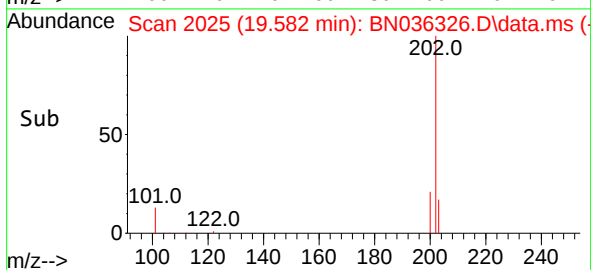
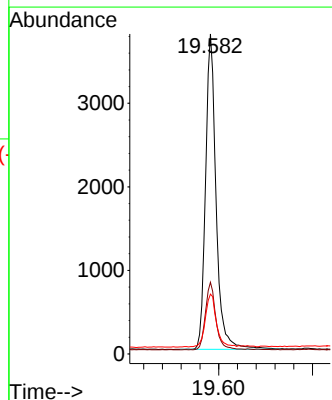
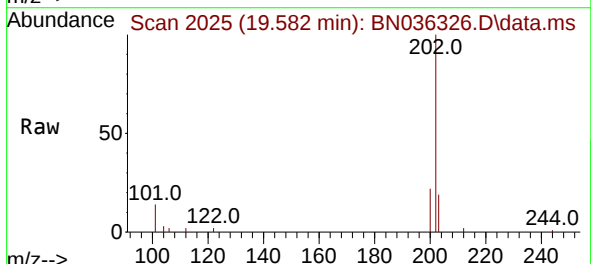
Instrument :  
BNA\_N  
ClientSampleId :  
PB166533BS

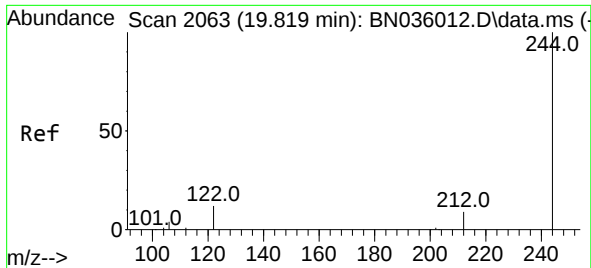
Tgt Ion:240 Resp: 3845  
Ion Ratio Lower Upper  
240 100  
120 21.4 13.9 20.9#  
236 30.9 23.7 35.5



#30  
Pyrene  
Concen: 0.378 ng  
RT: 19.582 min Scan# 2025  
Delta R.T. -0.000 min  
Lab File: BN036326.D  
Acq: 06 Feb 2025 09:15

Tgt Ion:202 Resp: 5883  
Ion Ratio Lower Upper  
202 100  
200 21.1 17.0 25.4  
203 17.3 14.4 21.6

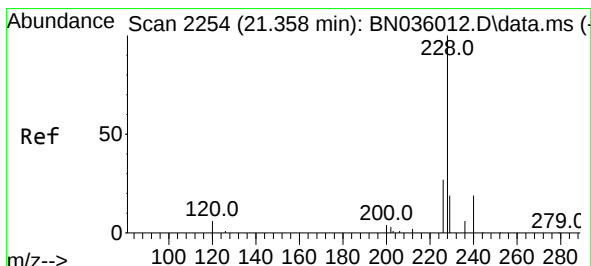
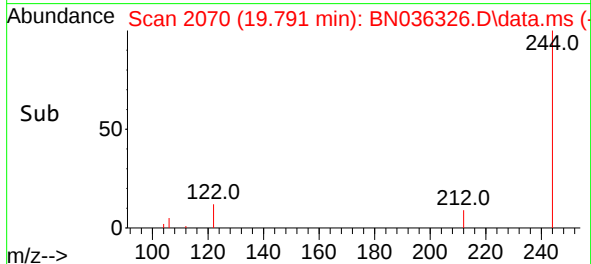
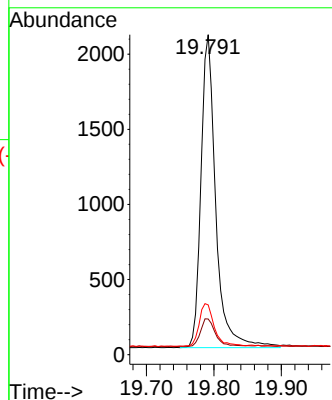
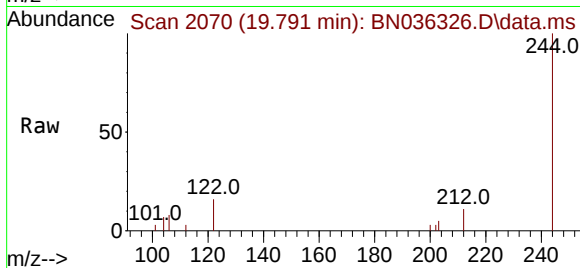




#31  
 Terphenyl-d14  
 Concen: 0.396 ng  
 RT: 19.791 min Scan# 2063  
 Delta R.T. -0.000 min  
 Lab File: BN036326.D  
 Acq: 06 Feb 2025 09:15

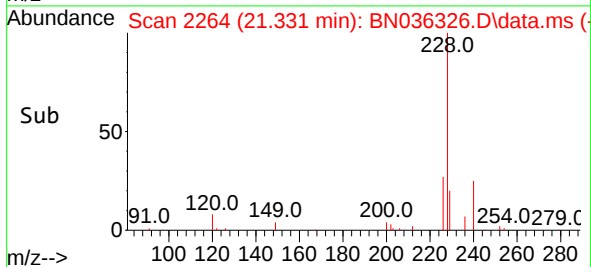
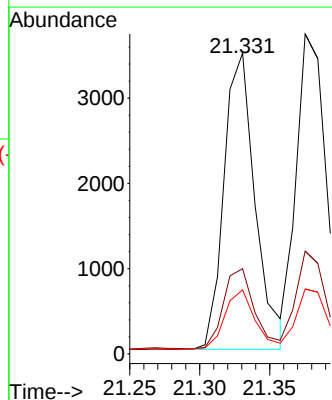
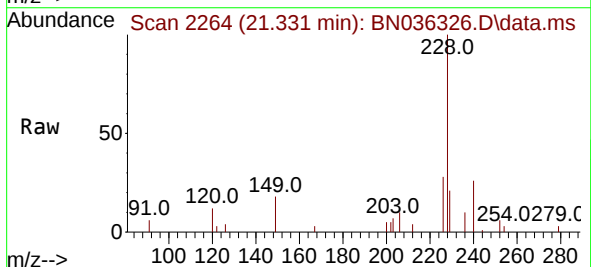
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB166533BS

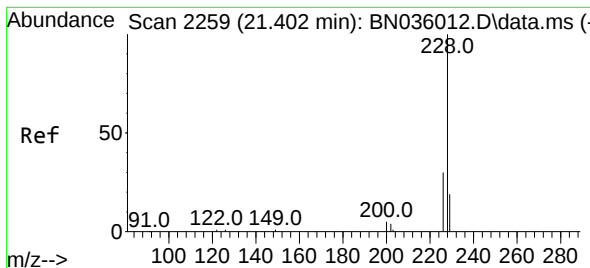
Tgt Ion:244 Resp: 3165  
 Ion Ratio Lower Upper  
 244 100  
 212 11.1 9.1 13.7  
 122 15.5 11.3 16.9



#32  
 Benzo(a)anthracene  
 Concen: 0.386 ng  
 RT: 21.331 min Scan# 2264  
 Delta R.T. -0.000 min  
 Lab File: BN036326.D  
 Acq: 06 Feb 2025 09:15

Tgt Ion:228 Resp: 5386  
 Ion Ratio Lower Upper  
 228 100  
 226 28.3 22.6 34.0  
 229 21.3 16.5 24.7





#33

Chrysene

Concen: 0.408 ng

RT: 21.375 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN036326.D

Acq: 06 Feb 2025 09:15

Instrument :

BNA\_N

ClientSampleId :

PB166533BS

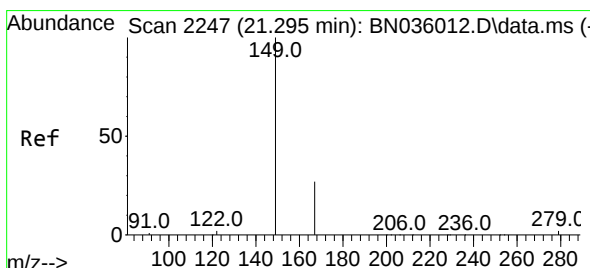
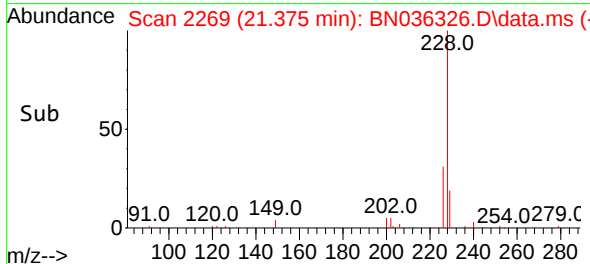
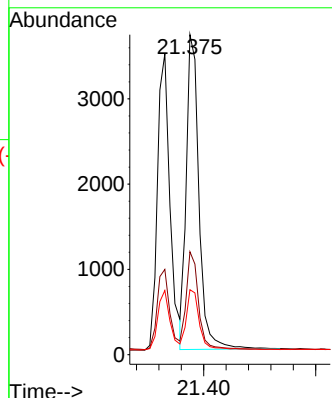
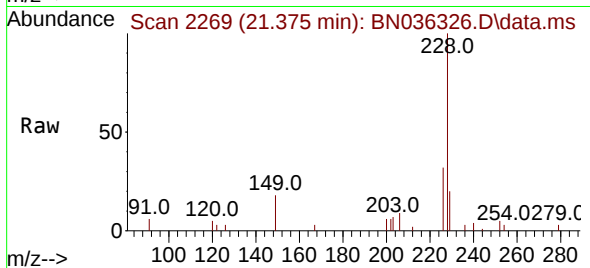
Tgt Ion:228 Resp: 5823

Ion Ratio Lower Upper

228 100

226 32.1 25.3 37.9

229 20.3 16.3 24.5



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.364 ng

RT: 21.259 min Scan# 2256

Delta R.T. -0.000 min

Lab File: BN036326.D

Acq: 06 Feb 2025 09:15

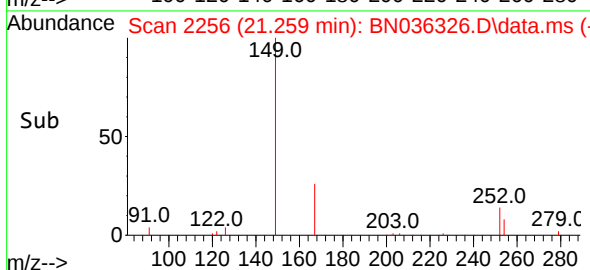
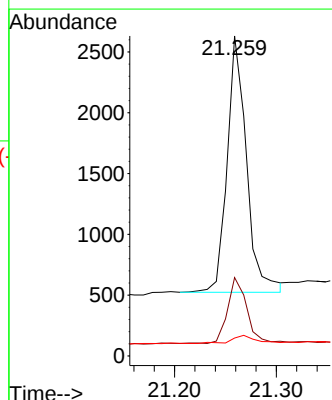
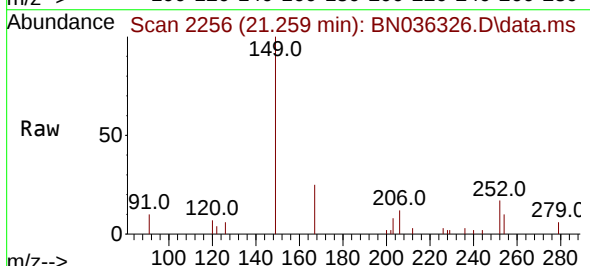
Tgt Ion:149 Resp: 2780

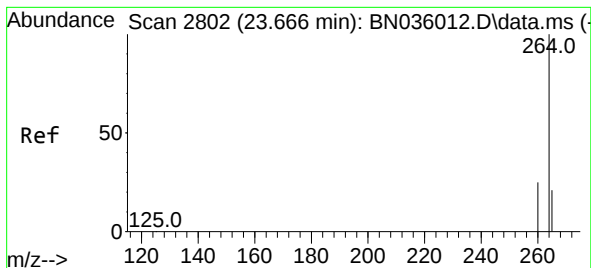
Ion Ratio Lower Upper

149 100

167 26.0 21.9 32.9

279 4.0 3.0 4.6





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.627 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN036326.D

Acq: 06 Feb 2025 09:15

Instrument :

BNA\_N

ClientSampleId :

PB166533BS

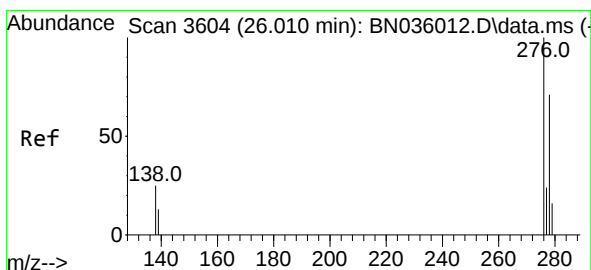
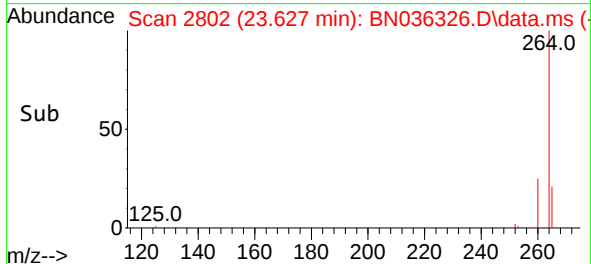
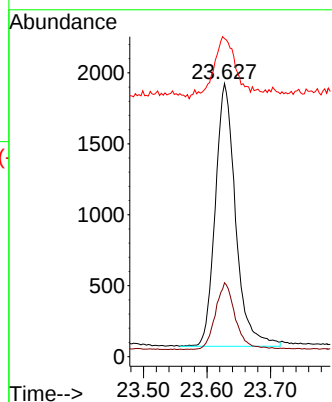
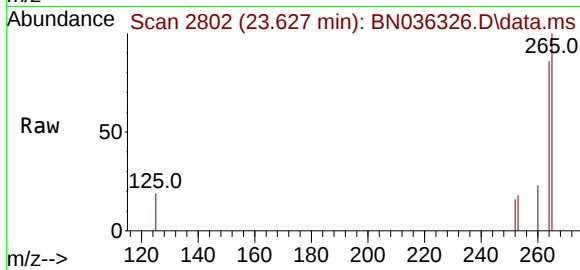
Tgt Ion:264 Resp: 4110

Ion Ratio Lower Upper

264 100

260 27.1 21.8 32.6

265 116.4 56.6 84.8#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.412 ng

RT: 25.946 min Scan# 3595

Delta R.T. 0.003 min

Lab File: BN036326.D

Acq: 06 Feb 2025 09:15

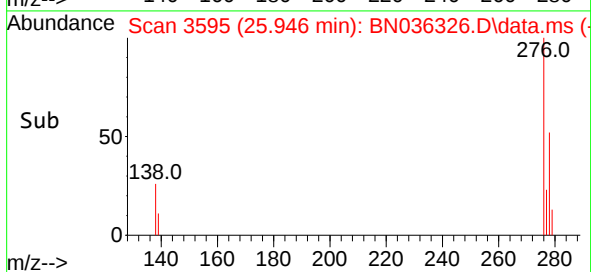
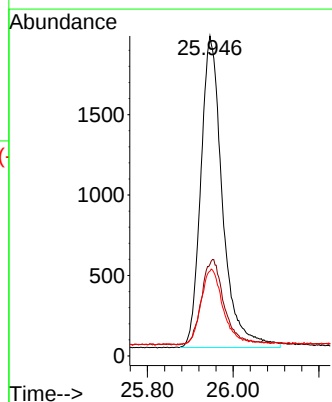
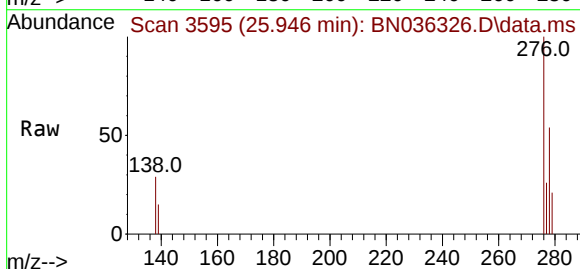
Tgt Ion:276 Resp: 6801

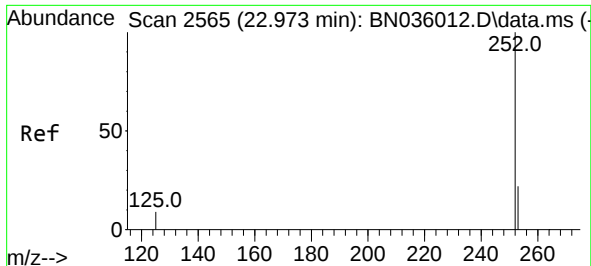
Ion Ratio Lower Upper

276 100

138 28.3 19.9 29.9

277 24.4 19.4 29.2

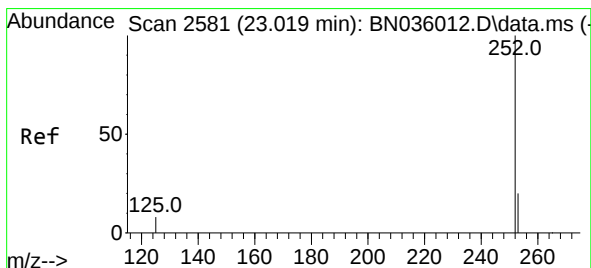
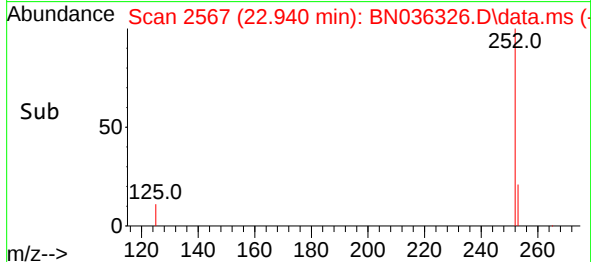
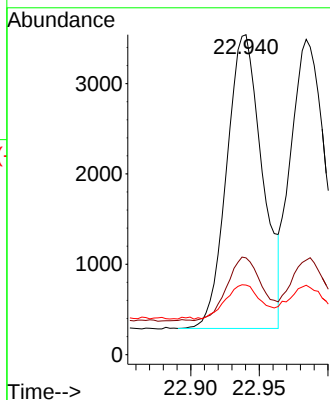
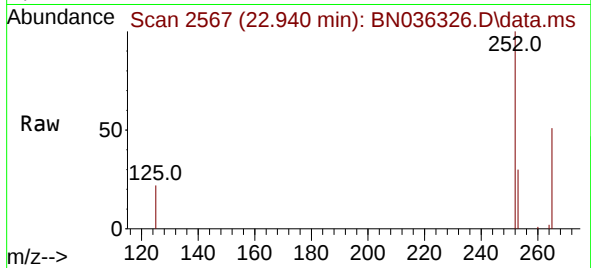




#37  
Benzo(b)fluoranthene  
Concen: 0.393 ng  
RT: 22.940 min Scan# 2565  
Delta R.T. 0.003 min  
Lab File: BN036326.D  
Acq: 06 Feb 2025 09:15

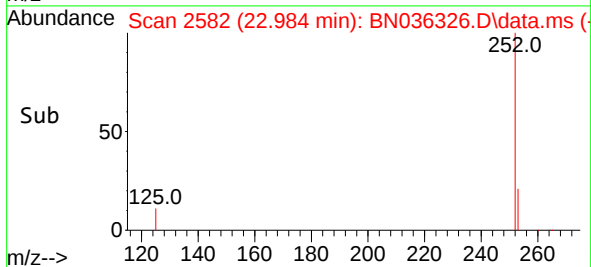
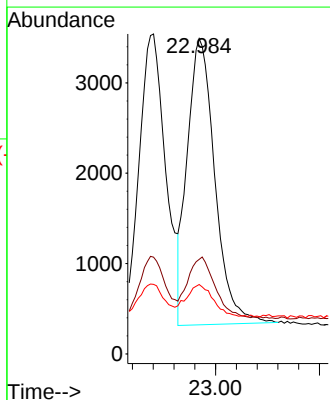
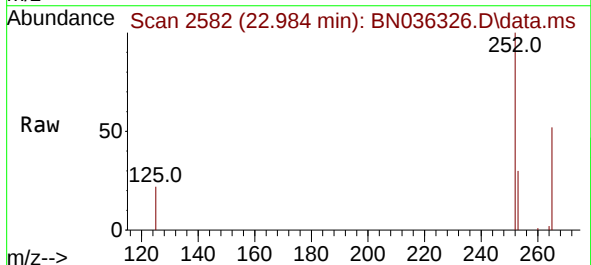
Instrument :  
BNA\_N  
ClientSampleId :  
PB166533BS

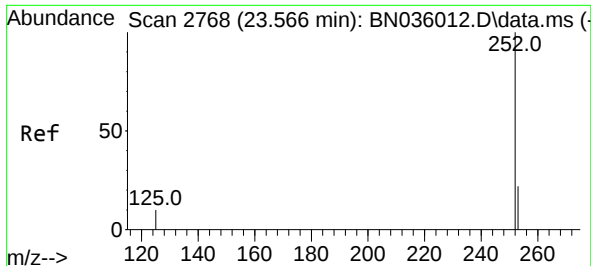
Tgt Ion:252 Resp: 5874  
Ion Ratio Lower Upper  
252 100  
253 30.2 22.5 33.7  
125 21.8 11.9 17.9#



#38  
Benzo(k)fluoranthene  
Concen: 0.388 ng  
RT: 22.984 min Scan# 2582  
Delta R.T. -0.000 min  
Lab File: BN036326.D  
Acq: 06 Feb 2025 09:15

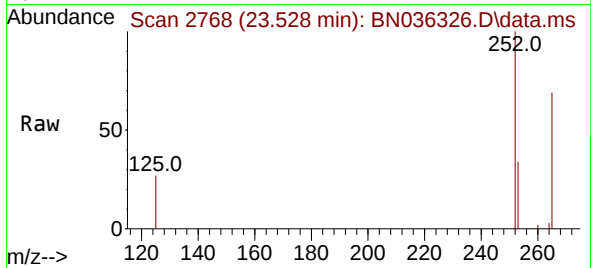
Tgt Ion:252 Resp: 5840  
Ion Ratio Lower Upper  
252 100  
253 30.0 21.3 31.9  
125 22.0 11.9 17.9#



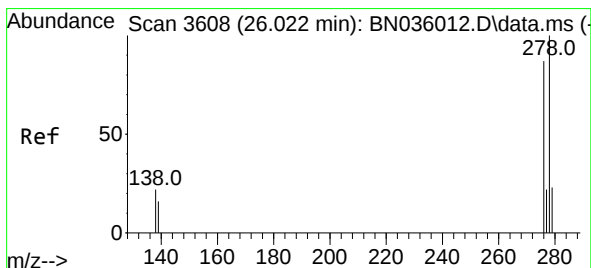
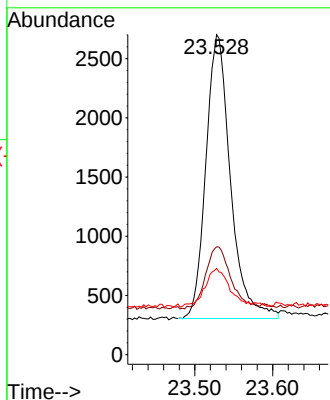
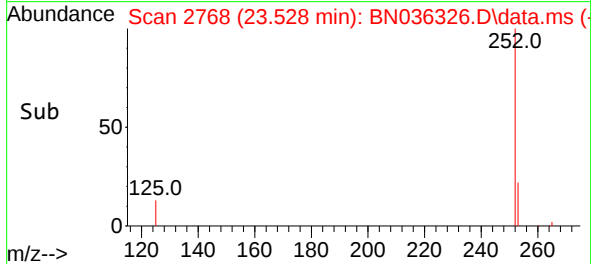


#39  
Benzo(a)pyrene  
Concen: 0.412 ng  
RT: 23.528 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BN036326.D  
Acq: 06 Feb 2025 09:15

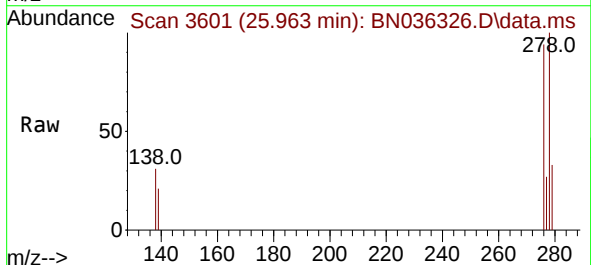
Instrument :  
BNA\_N  
ClientSampleId :  
PB166533BS



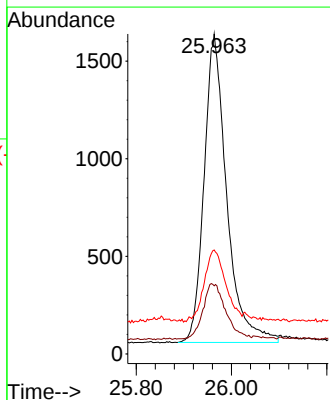
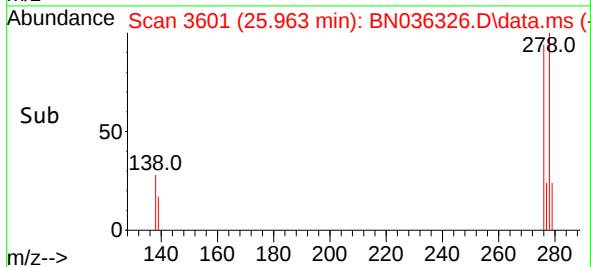
Tgt Ion:252 Resp: 5255  
Ion Ratio Lower Upper  
252 100  
253 33.7 23.8 35.6  
125 27.0 14.6 21.8#

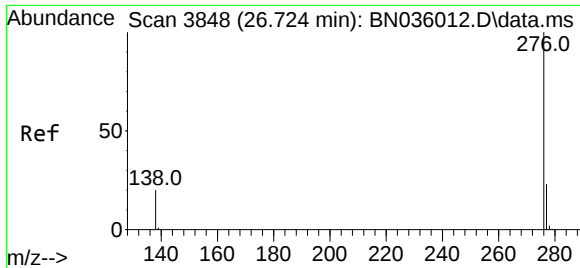


#40  
Dibenzo(a,h)anthracene  
Concen: 0.396 ng  
RT: 25.963 min Scan# 3601  
Delta R.T. -0.000 min  
Lab File: BN036326.D  
Acq: 06 Feb 2025 09:15



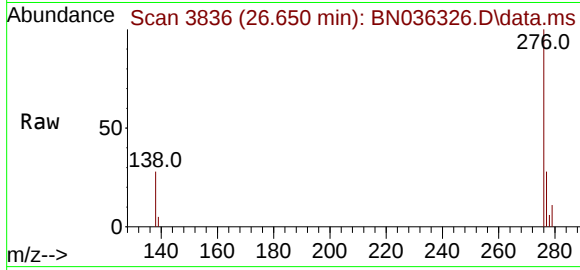
Tgt Ion:278 Resp: 5207  
Ion Ratio Lower Upper  
278 100  
139 21.3 16.0 24.0  
279 32.5 23.8 35.8





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.391 ng  
 RT: 26.650 min Scan# 31  
 Delta R.T. -0.003 min  
 Lab File: BN036326.D  
 Acq: 06 Feb 2025 09:15

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB166533BS



|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 276   | Resp: | 5607 |
| Ion Ratio | Lower | Upper |      |
| 276       | 100   |       |      |
| 277       | 27.7  | 21.3  | 31.9 |
| 138       | 28.0  | 19.2  | 28.8 |

